

ISED Test Report

IC : 3147A-SONAIF573
Equipment : Sona IF573 802.11ax Wi-Fi 6E Module with Bluetooth 5.4
Model No. : Sona IF573
Brand Name : Laird Connectivity
Applicant : Laird Connectivity LLC
Address : W66N220 Commerce Court, Cedarburg, WI 53012 United States Of America
Manufacturer : Laird Connectivity LLC
Address : W66N220 Commerce Court, Cedarburg, WI 53012 United States Of America
Standard : RSS-247 Issue 3 August 2023
Received Date : Jan. 17, 2023
Tested Date : Apr. 10 ~ Jun. 08, 2023

We, International Certification Corporation, would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by:

Approved by:


Along Chen / Assistant Manager


Gary Chang / Manager

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Release Record

Report No.	Version	Description	Issued Date
CR311701AN	Rev. 01	Initial issue	Jul. 28, 2023

Summary of Test Results

IC Rules	Test Items	Measured	Result
RSS-Gen Section 8.8	AC Power Line Conducted Emissions	[dBuV]: 0.500MHz 39.22 (Margin -6.78dB) - AV	Pass
RSS-247 Section 6.2.1.2 RSS-247 Section 6.2.2.2 RSS-247 Section 6.2.3.2 RSS-247 Section 6.2.4.2	Unwanted Emissions	[dBuV/m at 3m]: 4000.00MHz 50.97 (Margin -3.03dB) - AV	Pass
RSS-247 Section 6.2.1.1 RSS-247 Section 6.2.2.1 RSS-247 Section 6.2.3.1 RSS-247 Section 6.2.4.1	Emission Bandwidth	Meet the requirement of limit	Pass
RSS-247 Section 6.2.4.1	6dB bandwidth	Meet the requirement of limit	Pass
RSS-247 Section 6.2.1.1 RSS-247 Section 6.2.2.1 RSS-247 Section 6.2.3.1 RSS-247 Section 6.2.4.1	Conducted Output Power	Max Power [dBm]: Non-beamforming mode 5150~5250MHz: 17.30 5250~5350MHz: 18.28 5470~5725MHz: 21.67 5725~5850MHz: 21.57 Beamforming mode 5150~5250MHz: 14.29 5250~5350MHz: 15.27 5470~5725MHz: 18.66 5725~5850MHz: 18.56	Pass
RSS-247 Section 6.2.1.1 RSS-247 Section 6.2.2.1 RSS-247 Section 6.2.3.1 RSS-247 Section 6.2.4.1	Power Spectral Density	Meet the requirement of limit	Pass
---	Frequency Stability	Meet the requirement of limit	Pass
---	Antenna Requirement	Meet the requirement of limit	Pass

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1 General Description

1.1 Information

1.1.1 Product Details

The four configurations of the EUT are shown on the following:

Model Name	Part No.	Description
Sona IF573	453-00117	Module, Sona IF573, MIMO, MHF4
	453-00118	Module, Sona IF573, MIMO, Trace Pin
	453-00119	Module, Sona IF573, MIMO, M.2, Key E, SDIO, UART
	453-00120	Module, Sona IF573, MIMO, M.2, Key E, PCIe, UART

1.1.2 Specification of the Equipment under Test (EUT)

RF General Information					
Frequency Range (MHz)	IEEE Std. 802.11	Ch. Freq. (MHz)	Channel Number	Transmit Chains (N _{TX})	Data Rate / MCS
5150-5250 5250-5350 5470-5725 5725-5850	a	5180-5240 5260-5320 5500-5720 5745-5825	36-48 [4] 52-64 [4] 100-144 [8] 149-165 [5]	2	6-54 Mbps
5150-5250 5250-5350 5470-5725 5725-5850	n (HT20)	5180-5240 5260-5320 5500-5720 5745-5825	36-48 [4] 52-64 [4] 100-144 [8] 149-165 [5]	2	MCS 0-15
5150-5250 5250-5350 5470-5725 5725-5850	n (HT40)	5190-5230 5270-5310 5510-5710 5755-5795	38-46 [2] 54-62 [2] 102-142 [3] 151-159 [2]	2	MCS 0-15
5150-5250 5250-5350 5470-5725 5725-5850	ac (VHT20)	5180-5240 5260-5320 5500-5720 5745-5825	36-48 [4] 52-64 [4] 100-144 [8] 149-165 [5]	2	MCS 0-9
5150-5250 5250-5350 5470-5725 5725-5850	ac (VHT40)	5190-5230 5270-5310 5510-5710 5755-5795	38-46 [2] 54-62 [2] 102-142 [3] 151-159 [2]	2	MCS 0-9
5150-5250 5250-5350 5470-5725 5725-5850	ac (VHT80)	5210 5290 5530~5690 5775	42 [1] 58 [1] 106-138 [2] 155 [1]	2	MCS 0-9
5150-5250 5250-5350 5470-5725 5725-5850	ax (HE20)	5180-5240 5260-5320 5500-5720 5745-5825	36-48 [4] 52-64 [4] 100-144 [8] 149-165 [5]	2	MCS 0-11
5150-5250 5250-5350 5470-5725 5725-5850	ax (HE40)	5190-5230 5270-5310 5510-5710 5755-5795	38-46 [2] 54-62 [2] 102-142 [3] 151-159 [2]	2	MCS 0-11
5150-5250 5250-5350 5470-5725 5725-5850	ax (HE80)	5210 5290 5530~5690 5775	42 [1] 58 [1] 106-138 [2] 155 [1]	2	MCS 0-11
<p>Note 1: OFDM/OFDMA- BPSK, QPSK, 16QAM, 64QAM, 256QAM and 1024QAM modulation.</p> <p>Note 2: 802.11n/ac/ax supports beamforming function.</p> <p>Note 3: TPC function is supported.</p> <p>Note 4: 802.11ax supports full RU and partial RU configuration. Test results of full RU configuration are recorded in this report. Refers to report no.: CR311701-1AN for test results of partial RU configuration.</p>					

1.1.3 Antenna Details

Ant. No.	Manufacturer	Model	Part Number	Type	Connector	Operating Frequencies / Gain (dBi)		
						2.4GHz	5GHz	6GHz
1	JOYMAX	TWX-100B RSAX-2001	NA	Dipole	RP-SMA	2	4	4
2	Laird	FlexMIMO 6E	EFD2471A3 S-10MH4L	PIFA	MHF4L	2.2	3.8	3.3
3	Laird	Mini NanoBlade Flex 6 GHz	EMF2471A 3S-10MH4L	PCB Dipole	MHF4L	2.4	4.4	5.2
4	Laird	FlexPIFA 6E	EFB2471A3 S-10MH4L	PIFA	MHF4L	2.2	3.9	3.8

1.1.4 Power Supply Type of Equipment under Test (EUT)

Power Supply Type	3.3Vdc from host
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1.1.5 Accessories

N/A

1.1.6 Test Sample Information

MAC of Test Sample	Laird part number: 453-00117 (SC module) Radiated Emission: c0:ee:40:d8:53:54 AC Power Line Conducted Emission: c0:ee:40:d8:53:54 Antenna Port Conducted: c0:ee:40:d8:53:16
	Laird part number: 453-00120 (ST M.2, PCIe Module) Radiated Emission: c0:ee:40:d8:52:b2 AC Power Line Conducted Emission: c0:ee:40:d8:52:b2 Antenna Port Conducted: c0:ee:40:d8:52:b2
	Laird part number: 453-00119 (ST M.2, SDIO Module) Radiated Emission: c0:ee:40:d8:52:6e AC Power Line Conducted Emission: c0:ee:40:d8:52:6e

1.1.7 Channel List

802.11a / n HT20 / ac VHT20 / ax HE20		802.11n HT40 / ac VHT40 / ax HE40	
Channel	Frequency(MHz)	Channel	Frequency(MHz)
36	5180	38	5190
40	5200	46	5230
44	5220	54	5270
48	5240	62	5310
52	5260	102	5510
56	5280	110	5550
60	5300	134	5670
64	5320	142	5710
100	5500	151	5755
104	5520	159	5795
108	5540	802.11ac VHT80 / ax HE80	
112	5560	42	5210
116	5580	58	5290
132	5660	106	5530
136	5680	138	5690
140	5700	155	5775
144	5720	---	---
149	5745	---	---
153	5765	---	---
157	5785	---	---
161	5805	---	---
165	5825	---	---

1.1.8 Test Tool and Duty Cycle

Test Tool	Tera Term, V4.49		
Duty Cycle and Duty Factor	Mode	Duty Cycle (%)	Duty Factor (dB)
	11a	99.52%	0.02
	ax HE20-OFDMA	99.37%	0.03
	ax HE40-OFDMA	98.46%	0.07
	ax HE80-OFDMA	97.22%	0.12

1.1.9 Power Index of Test Tool

SC Module

Modulation Mode	Test Frequency (MHz)	Power Index
11a	5180	40
11a	5200	40
11a	5240	40
11a	5260	60
11a	5300	60
11a	5320	50
11a	5500	52
11a	5580	68
11a	5700	42
11a	5720	68
11a	5745	70
11a	5785	70
11a	5825	70
ax HE20-OFDMA	5180	33
ax HE20-OFDMA	5200	31
ax HE20-OFDMA	5240	32
ax HE20-OFDMA	5260	24
ax HE20-OFDMA	5300	25
ax HE20-OFDMA	5320	36
ax HE20-OFDMA	5500	36
ax HE20-OFDMA	5580	16
ax HE20-OFDMA	5700	47
ax HE20-OFDMA	5720	16
ax HE20-OFDMA	5745	18
ax HE20-OFDMA	5785	18
ax HE20-OFDMA	5825	16
ax HE40-OFDMA	5190	37
ax HE40-OFDMA	5230	26
ax HE40-OFDMA	5270	24
ax HE40-OFDMA	5310	46
ax HE40-OFDMA	5510	49
ax HE40-OFDMA	5550	26
ax HE40-OFDMA	5670	36

ax HE40-OFDMA	5710	19
ax HE40-OFDMA	5755	25
ax HE40-OFDMA	5795	20
ax HE80-OFDMA	5210	35
ax HE80-OFDMA	5290	46
ax HE80-OFDMA	5530	45
ax HE80-OFDMA	5690	24
ax HE80-OFDMA	5775	28

ST M.2, PCIe module

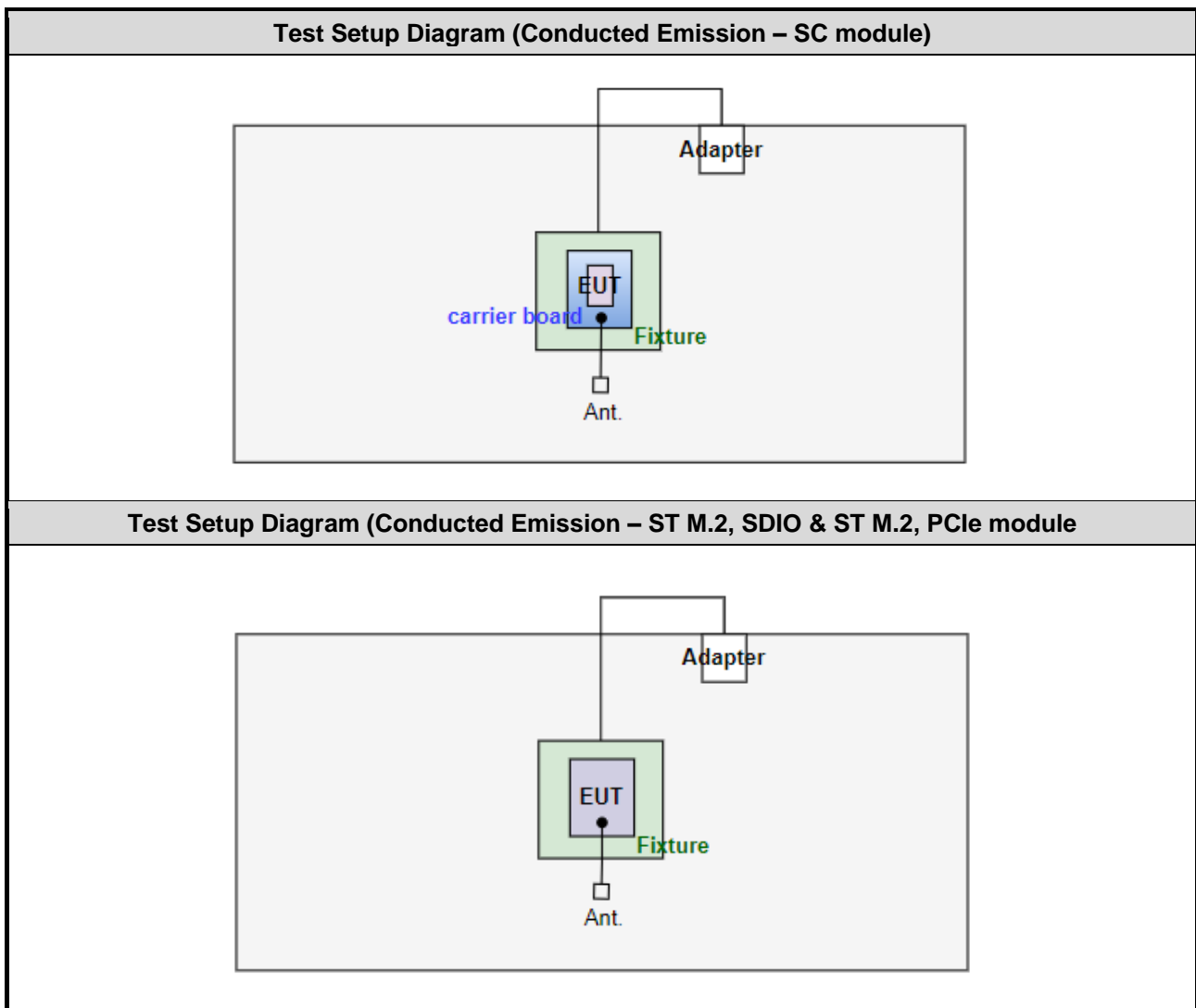
Modulation Mode	Test Frequency (MHz)	Power Index
11a	5180	42
11a	5200	39
11a	5240	38
11a	5260	58
11a	5300	57
11a	5320	50
11a	5500	52
11a	5580	68
11a	5700	44
11a	5720	72
11a	5745	72
11a	5785	72
11a	5825	72
ax HE20-OFDMA	5180	32
ax HE20-OFDMA	5200	30
ax HE20-OFDMA	5240	31
ax HE20-OFDMA	5260	23
ax HE20-OFDMA	5300	23
ax HE20-OFDMA	5320	33
ax HE20-OFDMA	5500	31
ax HE20-OFDMA	5580	12
ax HE20-OFDMA	5700	45
ax HE20-OFDMA	5720	15
ax HE20-OFDMA	5745	16
ax HE20-OFDMA	5785	16
ax HE20-OFDMA	5825	16
ax HE40-OFDMA	5190	36

ax HE40-OFDMA	5230	24
ax HE40-OFDMA	5270	20
ax HE40-OFDMA	5310	42
ax HE40-OFDMA	5510	43
ax HE40-OFDMA	5550	20
ax HE40-OFDMA	5670	32
ax HE40-OFDMA	5710	17
ax HE40-OFDMA	5755	23
ax HE40-OFDMA	5795	19
ax HE80-OFDMA	5210	32
ax HE80-OFDMA	5290	43
ax HE80-OFDMA	5530	41
ax HE80-OFDMA	5690	21
ax HE80-OFDMA	5775	26

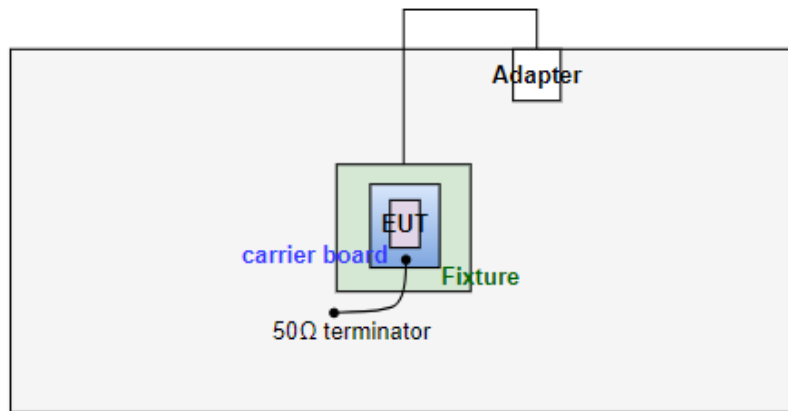
1.2 Local Support Equipment List

Support Equipment List					
No.	Equipment	Brand	Model	FCC ID	Remarks
1	Laptop	DELL	Latitude 5400	DoC	---
2	Fixture	---	700-46370 REV B	---	Provided by applicant.
3	Fixture's adapter	---	EA1045CR	---	Provided by applicant. I/P: 100-240Vac,1.5A,50-60Hz O/P: 5.0V 3.0A
4	50Ω terminator	---	---	---	---

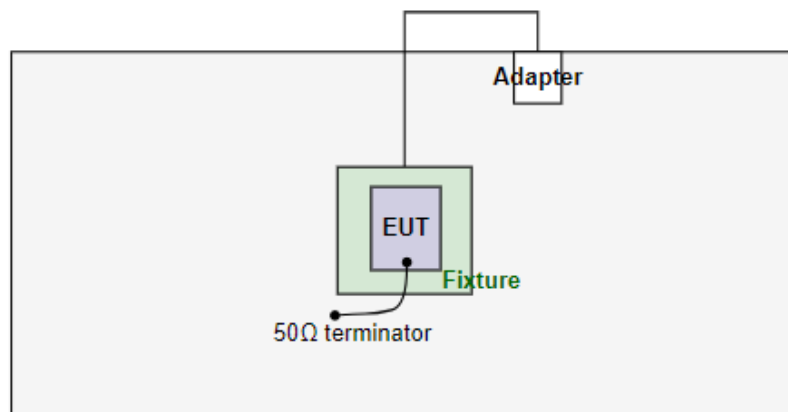
1.3 Test Setup Chart



Test Setup Diagram (Radiated Emission – SC module)



Test Setup Diagram (Radiated Emission – ST M.2, SDIO & ST M.2, PCIe module)



1.4 The Equipment List

Test Item	Conducted Emission				
Test Site	Conduction room 1 / (CO01-WS)				
Tested Date	May 23, 2023				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Receiver	R&S	ESR3	101658	Feb. 17, 2023	Feb. 16, 2024
LISN	R&S	ENV216	101295	Jan. 31, 2023	Jan. 30, 2024
LISN (Support Unit)	SCHWARZBECK	Schwarzbeck 8127	8127667	Jan. 03, 2023	Jan. 02, 2024
RF Cable-CON	Woken	CFD200-NL	CFD200-NL-001	Oct. 17, 2022	Oct. 16, 2023
50 ohm terminal (Support Unit)	NA	50	03	Jun. 08, 2022	Jun. 07, 2023
Measurement S/W	AUDIX	e3	6.120210k	NA	NA
Measurement S/W	Sporton	SENSE-EMI	V5.10.8.7	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Tested Date	Apr. 10 ~ Jun. 08, 2023				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV40	101498	Nov. 21, 2022	Nov. 20, 2023
Power Meter	Anritsu	ML2495A	1241002	Nov. 23, 2022	Nov. 22, 2023
Power Sensor	Anritsu	MA2411B	1207366	Nov. 23, 2022	Nov. 22, 2023
DC POWER SOURCE	GW INSTRON	GPC-6030D	GES855395	Oct. 31, 2022	Oct. 30, 2023
TEMP&HUMIDITY CHAMBER	GIANT FORCE	GTH-150-40-CP-AR-T	MAA1407-012	Sep. 19, 2022	Sep. 18, 2023
HIGHPASS FILTER 7-18G	K&L	11SH10-7000/T18000-O/OP	18	Oct. 06, 2022	Oct. 05, 2023
LOWPASS FILTER	WI	WLKS1100-12SS	2	Oct. 06, 2022	Oct. 05, 2023
LOWPASS FILTER	WI	WLKS5000-12SS	1	Oct. 06, 2022	Oct. 05, 2023
Attenuator	woken	PE7013-10	10-1	Oct. 14, 2022	Oct. 13, 2023
Measurement S/W	Sporton	SENSE-15407_NII	V5.11	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Radiated Emission				
Test Site	966 chamber1 / (03CH01-WS)				
Tested Date	Apr. 12 ~ Apr. 27, 2023				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Receiver	R&S	ESR3	101657	Mar. 03, 2023	Mar. 02, 2024
Spectrum Analyzer	R&S	FSV40	101498	Nov. 21, 2022	Nov. 20, 2023
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 01, 2022	Oct. 31, 2023
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-522	Aug. 03, 2022	Aug. 02, 2023
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1096	Nov. 25, 2022	Nov. 24, 2023
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Oct. 27, 2022	Oct. 26, 2023
Preamplifier	EMC	EMC02325	980225	Jun. 28, 2022	Jun. 27, 2023
Preamplifier	EMC	EMC118A45SE	980898	Jul. 16, 2022	Jul. 15, 2023
Preamplifier	EMC	EMC184045SE	980903	Jul. 16, 2022	Jul. 15, 2023
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 04, 2022	Oct. 03, 2023
LF cable 3M	Woken	CFD400NL-LW	CFD400NL-001	Oct. 04, 2022	Oct. 03, 2023
LF cable 11M	EMC	EMCCFD400-NW-NW-11000	200801	Oct. 04, 2022	Oct. 03, 2023
LF cable 1M	EMC	EMCCFD400-NM-NM-1000	160502	Oct. 04, 2022	Oct. 03, 2023
RF Cable	EMC	EMC104-35M-35M-8000	210920	Oct. 04, 2022	Oct. 03, 2023
RF Cable	EMC	EMC104-35M-35M-3000	210922	Oct. 04, 2022	Oct. 03, 2023
HIGHPASS FILTER 7-18G	K&L	11SH10-7000/T18000-O/OP	18	Oct. 06, 2022	Oct. 05, 2023
LOWPASS FILTER	WI	WLKS5000-12SS	1	Oct. 06, 2022	Oct. 05, 2023
Attenuator	woken	PE7013-10	10-1	Oct. 14, 2022	Oct. 13, 2023
Measurement S/W	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

1.5 Test Standards

RSS-247 Issue 3 August 2023

RSS-Gen Issue 5 February 2021 Amendment 2

ANSI C63.10-2013

1.6 Reference Guidance

FCC KDB 412172 D01 Determining ERP and EIRP v01r01

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01

1.7 Deviation from Test Standard and Measurement Procedure

None

1.8 Measurement Uncertainty

The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor ($k=2$)).

Measurement Uncertainty	
Parameters	Uncertainty
Bandwidth	± 34.130 Hz
Conducted power	± 0.808 dB
Frequency error	$\pm 1 \times 10^{-9}$
Power density	± 0.583 dB
Conducted emission	± 2.715 dB
AC conducted emission	± 2.92 dB
Unwanted Emission ≤ 1 GHz	± 3.41 dB
Unwanted Emission > 1 GHz	± 4.59 dB
Time	$\pm 0.1\%$
Temperature	± 0.4 °C

2 Test Configuration

2.1 Testing Facility

Test Laboratory	International Certification Corporation
Test Site	CO01-WS, 03CH01-WS, TH01-WS
Address of Test Site	No.3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

- FCC Designation No.: TW2732
- FCC site registration No.: 181692
- ISED#: 10807A
- CAB identifier: TW2732

2.2 The Worst Test Modes and Channel Details

Frequency band 5150~5350 MHz / 5470~5725 MHz							
Test item	Modulation Mode	Test Frequency (MHz)	Data Rate	Test method	Mode	Test Configuration	Note
Non-beamforming mode							
AC Power Line Conducted Emissions	ax HE20-OFDMA	5580	MCS 0	Conducted	TX	1, 2, 3	-
Unwanted Emissions ≤1GHz	ax HE20-OFDMA	5580	MCS 0	Radiated	TX	1, 2, 3	Note 2
Unwanted Emissions >1GHz	11a	5180 / 5200 / 5240 / 5260 / 5300 / 5320 / 5500 / 5580 / 5700 / 5720	6 Mbps	Radiated	TX	1	Note 2
	ax HE20-OFDMA	5180 / 5200 / 5240 / 5260 / 5300 / 5320 / 5500 / 5580 / 5700 / 5720	MCS 0				
	ax HE40-OFDMA	5190 / 5230 / 5270 / 5310 / 5510 / 5550 / 5670 / 5710	MCS 0				
	ax HE80-OFDMA	5210 / 5290 / 5530 / 5690	MCS 0				
	ax HE20-OFDMA	5200 / 5300 / 5580	MCS 0	Radiated	TX	3	Note 2
Unwanted Emissions ≤1GHz	ax HE20-OFDMA	5580	MCS 0	Conducted	TX	1, 3	-
Unwanted Emissions >1GHz	11a	5180 / 5200 / 5240 / 5260 / 5300 / 5320 / 5500 / 5580 / 5700 / 5720	6 Mbps	Conducted	TX	1	-
	ax HE20-OFDMA	5180 / 5200 / 5240 / 5260 / 5300 / 5320 / 5500 / 5580 / 5700 / 5720	MCS 0				
	ax HE40-OFDMA	5190 / 5230 / 5270 / 5310 / 5510 / 5550 / 5670 / 5710	MCS 0				
	ax HE80-OFDMA	5210 / 5290 / 5530 / 5690	MCS 0				
	ax HE20-OFDMA ax HE80-OFDMA	5320 / 5500 5210	MCS 0	Conducted	TX	3	-
Conducted Output Power	11a	5180 / 5200 / 5240 / 5260 / 5300 / 5320 / 5500 / 5580 / 5700 / 5720	6 Mbps	Conducted	TX	1, 3	-
	ax HE20-OFDMA	5180 / 5200 / 5240 / 5260 / 5300 / 5320 / 5500 / 5580 / 5700 / 5720	MCS 0				
	ax HE40-OFDMA	5190 / 5230 / 5270 / 5310 / 5510 / 5550 / 5670 / 5710	MCS 0				
	ax HE80-OFDMA	5210 / 5290 / 5530 / 5690	MCS 0				

Emission Bandwidth Power Spectral Density	11a	5180 / 5200 / 5240 / 5260 / 5300 / 5320 / 5500 / 5580 / 5700 / 5720	6 Mbps	Conducted	TX	1	-
	ax HE20-OFDMA	5180 / 5200 / 5240 / 5260 / 5300 / 5320 / 5500 / 5580 / 5700 / 5720	MCS 0				
	ax HE40-OFDMA	5190 / 5230/ 5270 / 5310 / 5510 / 5550 / 5670 / 5710	MCS 0				
	ax HE80-OFDMA	5210 / 5290 / 5530 / 5690	MCS 0				
Frequency Stability	Un-modulation	5300	---	Conducted	TX	1	-
Beamforming mode							
Conducted Output Power	ax HE20-OFDMA	5180 / 5200 / 5240 / 5260 / 5300 / 5320 / 5500 / 5580 / 5700 / 5720	MCS 0	Conducted	TX	1, 3	-
	ax HE40-OFDMA	5190 / 5230/ 5270 / 5310 / 5510 / 5550 / 5670 / 5710	MCS 0				
	ax HE80-OFDMA	5210 / 5290 / 5530 / 5690	MCS 0				
NOTE: 1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The Y-plane result was found as the worst case and was shown in this report. 2. The 50Ω terminator is connected to antenna port of EUT for radiated emission measurement. 3. Beamforming mode is calculated not measured. The calculation method is conducted power of non-beamforming – 3.01 dB. 4. Test configurations are listed as below: Configuration 1: Laird part number: 453-00117 (SC module) Configuration 2: Laird part number: 453-00119 (ST M.2, SDIO Module) Configuration 3: Laird part number: 453-00120 (ST M.2, PCIe Module)							

Frequency band 5725-5850 MHz							
Test item	Modulation Mode	Test Frequency (MHz)	Data Rate	Test method	Mode	Test Configuration	Note
Non-beamforming mode							
AC Power Line Conducted Emission	ax HE20-OFDMA	5785	MCS 0	Conducted	TX	1, 2, 3	-
Unwanted Emissions ≤ 1GHz	ax HE20-OFDMA	5785	MCS 0	Radiated	TX	1, 2, 3	Note 2
Unwanted Emissions >1GHz	11a ax HE20-OFDMA ax HE40-OFDMA ax HE80-OFDMA	5745 / 5785 / 5825 5745 / 5785 / 5825 5755 / 5795 5775	6 Mbps MCS 0 MCS 0 MCS 0	Radiated	TX	1	Note 2
	ax HE20-OFDMA	5785	MCS 0	Radiated	TX	3	Note 2
Unwanted Emissions ≤ 1GHz	ax HE20-OFDMA	5745	MCS 0	Conducted	TX	1, 3	-
Unwanted Emissions >1GHz	11a ax HE20-OFDMA ax HE40-OFDMA ax HE80-OFDMA	5745 / 5785 / 5825 5745 / 5785 / 5825 5755 / 5795 5775	6 Mbps MCS 0 MCS 0 MCS 0	Conducted	TX	1	-
	ax HE80-OFDMA	5775	MCS 0	Conducted	TX	3	-
Conducted Output Power	11a ax HE20-OFDMA ax HE40-OFDMA ax HE80-OFDMA	5745 / 5785 / 5825 5745 / 5785 / 5825 5755 / 5795 5775	6 Mbps MCS 0 MCS 0 MCS 0	Conducted	TX	1, 3	-
6dB bandwidth Power spectral density	11a ax HE20-OFDMA ax HE40-OFDMA ax HE80-OFDMA	5745 / 5785 / 5825 5745 / 5785 / 5825 5755 / 5795 5775	6 Mbps MCS 0 MCS 0 MCS 0	Conducted	TX	1	-
Beamforming mode							
Conducted Output Power	ax HE20-OFDMA ax HE40-OFDMA ax HE80-OFDMA	5745 / 5785 / 5825 5755 / 5795 5775	MCS 0 MCS 0 MCS 0	Conducted	TX	1, 3	-
NOTE: <ol style="list-style-type: none"> The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The Y-plane result was found as the worst case and was shown in this report. The 50Ω terminator is connected to antenna port of EUT for radiated emission measurement. Beamforming mode is calculated not measured. The calculation method is conducted power of non-beamforming – 3.01 dB. Test configurations are listed as below: Configuration 1: Laird part number: 453-00117 (SC module) Configuration 2: Laird part number: 453-00119 (ST M.2, SDIO Module) Configuration 3: Laird part number: 453-00120 (ST M.2, PCIe Module) 							

2.3 Directional gain

Directional gain is calculated by following formula from FCC KDB 662911 D01 section F)2)f)(i)

Directional gain = G_{ANT} + Array Gain; (G_{ANT} is 4.4 dBi)

For Power measurement (Non-Beamforming)

Array gain = 0 dB for $N_{ANT} \leq 4$; (N_{ANT} for the device is 2)

For Power spectral density / out of band emission (conducted measurement) / Power measurement (Beamforming)

Array gain = $10 \cdot \log(N_{ANT}/N_{SS})$ dB; (N_{SS} for the device is 1)

Directional gain is calculated as below

Test item	G_{ANT} (dBi)	Array gain (dB)	Directional gain (dBi)
Output power (Non-Beamforming)	4.4	0	4.4
Output power (Beamforming)	4.4	3.01	7.41
Power spectral density	4.4	3.01	7.41
Out of band emission(conducted measurement)	4.4	3.01	7.41

3 Transmitter Test Results

3.1 Emission Bandwidth

3.1.1 Limit of Emission Bandwidth

Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

3.1.2 Test Procedures

26dB Bandwidth

1. Set RBW = approximately 1% of the emission bandwidth.
2. Set the VBW > RBW, Detector = Peak.
3. Trace mode = max hold.
4. Measure the maximum width of the emission that is 26 dB down from the peak of the emission.

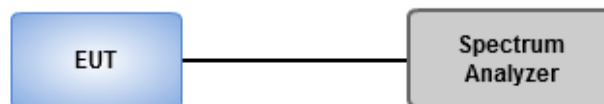
Occupied Bandwidth

1. Set RBW = 1 % to 5 % of the OBW
2. Set VBW \geq 3 RBW
3. Sample detection and single sweep mode shall be used
4. Use the 99 % power bandwidth function of the instrument

6dB Bandwidth

1. Set resolution bandwidth (RBW) = 1% to 5% of the anticipated emission, Video bandwidth = 3x the RBW.
2. Detector = Peak, Trace mode = max hold.
3. Sweep = auto couple, Allow the trace to stabilize.
4. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower) that are attenuated by 6dB relative to the maximum level measured in the fundamental emission.

3.1.3 Test Setup



3.1.4 Test Results

Ambient Condition	20-26°C / 61-67%	Tested By	Aska Huang
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Refer to Appendix A.

3.2 Conducted Output Power

3.2.1 Limit of Conducted Output Power

Frequency Band (MHz)		Limit	
<input checked="" type="checkbox"/>	5150 ~ 5250	EIRP: 200mW or 10dBm+10 log B	
<input checked="" type="checkbox"/>	5250 ~ 5350	Conducted Power	250mW or 11dBm+10 log B
		EIRP	1W or 17dBm+10 log B
<input checked="" type="checkbox"/>	5470 ~ 5600 and 5650 ~ 5725	Conducted Power	250mW or 11dBm+10 log B
		EIRP	1W or 17dBm+10 log B
<input checked="" type="checkbox"/>	5725 ~ 5850	Conducted Power: 1 W	
Note: “B” is the 99% Occupied Bandwidth in MHz.			

3.2.2 Test Procedures

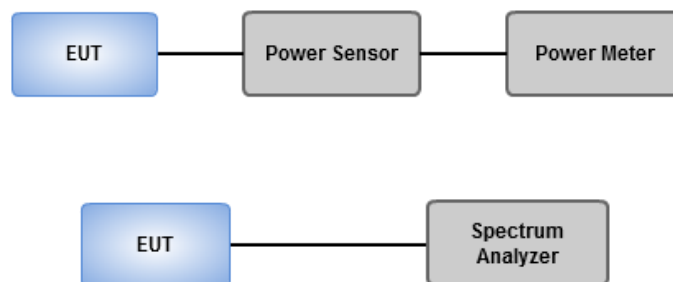
Method PM-G (Measurement using a gated RF average power meter)

Measurements is performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

Spectrum analyzer (For channel that extends across the 5.725 GHz boundary)

1. Set RBW = 1MHz, VBW = 3MHz, Sweep time = Auto, Detector = RMS.
2. Trace average at least 100 traces in power averaging mode.
3. Compute power by integrating the spectrum across the 26 dB EBW.
4. Add $10 \log(1/X)$, X:duty cycle) if duty cycle is <98%).

3.2.3 Test Setup



3.2.4 Test Results

Ambient Condition	20-26°C / 61-67%	Tested By	Aska Huang
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Refer to Appendix B.

3.3 Power Spectral Density

3.3.1 Limit of Power Spectral Density

Frequency Band (MHz)		Limit
<input checked="" type="checkbox"/>	5150 ~ 5250	The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.
<input checked="" type="checkbox"/>	5250 ~ 5350	The power spectral density shall not exceed 11 dBm in any 1.0 MHz band
<input checked="" type="checkbox"/>	5470 ~ 5600 and 5650 ~ 5725	The power spectral density shall not exceed 11 dBm in any 1.0 MHz band
<input checked="" type="checkbox"/>	5725 ~ 5850	The power spectral density shall not exceed 30 dBm in any 500 kHz band.

3.3.2 Test Procedures

For 5150 ~ 5250 MHz / 5250 ~ 5350 MHz / 5470 ~ 5725 MHz

Duty cycle \geq 98 %

1. Set RBW = 1 MHz, VBW = 3 MHz, Sweep time = auto, Detector = RMS.
2. Trace average 100 traces.
3. Use the peak marker function to determine the maximum amplitude level.

Duty cycle < 98 %

1. Set RBW = 1 MHz, VBW = 3 MHz, Detector = RMS.
2. Set sweep time $\geq 10 * (\text{number of points in sweep}) * (\text{total on/off period of the transmitted signal})$.
3. Perform a single sweep.
4. Use the peak marker function to determine the maximum amplitude level.
5. Add $10 \log(1/x)$, where x is the duty cycle.

For 5725 ~ 5850 MHz

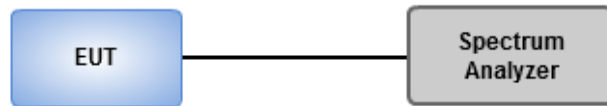
Duty cycle \geq 98 %

1. Set RBW = 500 kHz, VBW = 3 MHz, Sweep time = auto, Detector = RMS.
2. Trace average 100 traces.
3. Use the peak marker function to determine the maximum amplitude level.

Duty cycle < 98 %

1. Set RBW = 500 kHz, VBW = 3 MHz, Detector = RMS.
2. Set sweep time $\geq 10 * (\text{number of points in sweep}) * (\text{total on/off period of the transmitted signal})$.
3. Perform a single sweep.
4. Use the peak marker function to determine the maximum amplitude level.
5. Add $10 \log(1/x)$, where x is the duty cycle.

3.3.3 Test Setup



3.3.4 Test Results

Ambient Condition	20-26°C / 61-67%	Tested By	Aska Huang
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Refer to Appendix C.

3.4 Unwanted Emissions

3.4.1 Limit of Unwanted Emissions

Restricted Band Emissions Limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1:
Qusai-Peak value is measured for frequency below 1GHz except for 9–90 kHz, 110–490 kHz frequency band. Peak and average value are measured for frequency above 1GHz. The limit on average radio frequency emission is as above table. The limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit

Note 2:
Measurements may be performed at a distance other than what is specified provided. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor as below, Frequency at or above 30 MHz: 20 dB/decade Frequency below 30 MHz: 40 dB/decade.

Un-restricted band emissions above 1GHz Limit	
Operating Band	Limit
5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.725 - 5.850 GHz	All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

3.4.2 Test Procedures

1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. The EUT is placed at test table. For emissions testing at or below 1 GHz, the table height is 80 cm above the reference ground plane. For emission measurements above 1 GHz, the table height is 1.5 m
2. Measurement is made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna is varied in height (1m ~ 4m) above the reference ground plane to obtain the maximum signal strength. Distance between EUT and antenna is 3 m.
3. This investigation is performed with the EUT rotated 360°, the antenna height scanned between 1 m and 4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations.

Note:

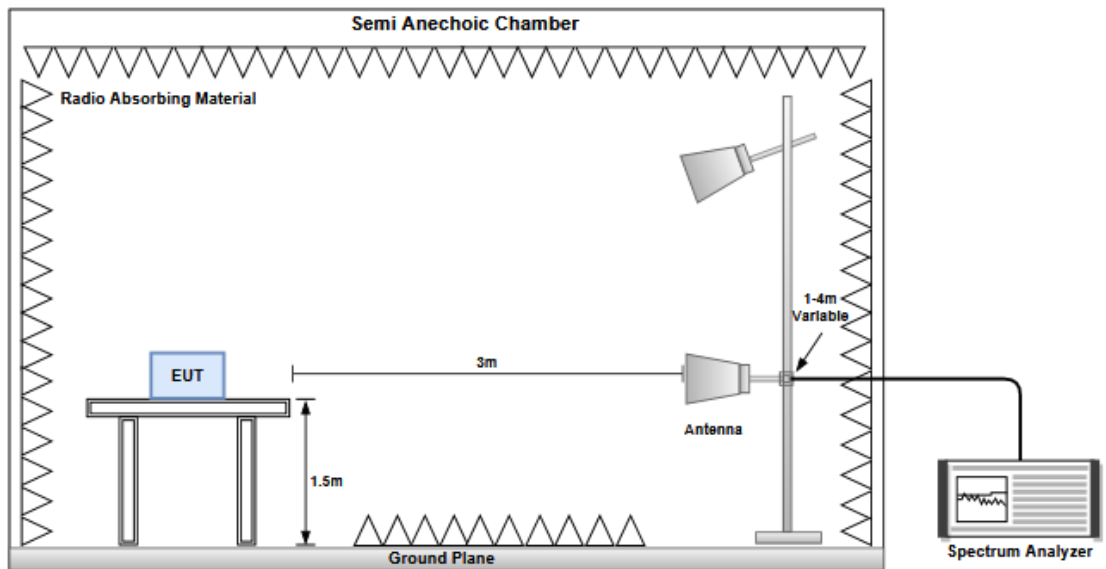
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above 1GHz.

3.4.3 Test Setup

Radiated Emissions below 1 GHz



Radiated Emissions above 1 GHz



3.4.4 Test Results

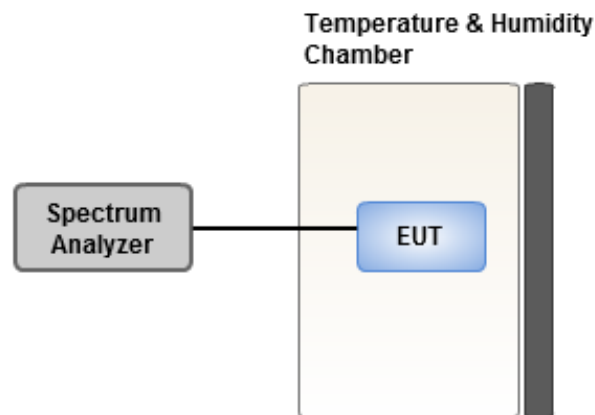
Refer to Appendix D.

3.5 Frequency Stability (Reference only)

3.5.1 Test Procedures

1. The EUT is installed in an environment test chamber with external power source.
2. Set the chamber to operate at 50 centigrade and external power source to output at nominal voltage of EUT.
3. A sufficient stabilization period at each temperature is used prior to each frequency measurement.
4. When temperature is stabled, measure the frequency stability.
5. The test shall be performed under -30 to 85 centigrade and 85 to 115 percent of the nominal voltage. Change setting of chamber and external power source to complete all conditions.

3.5.2 Test Setup



3.5.3 Test Results

Ambient Condition	20-26°C / 61-67%	Tested By	Aska Huang
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Refer to Appendix E.

3.6 AC Power Line Conducted Emissions

3.6.1 Limit of AC Power Line Conducted Emissions

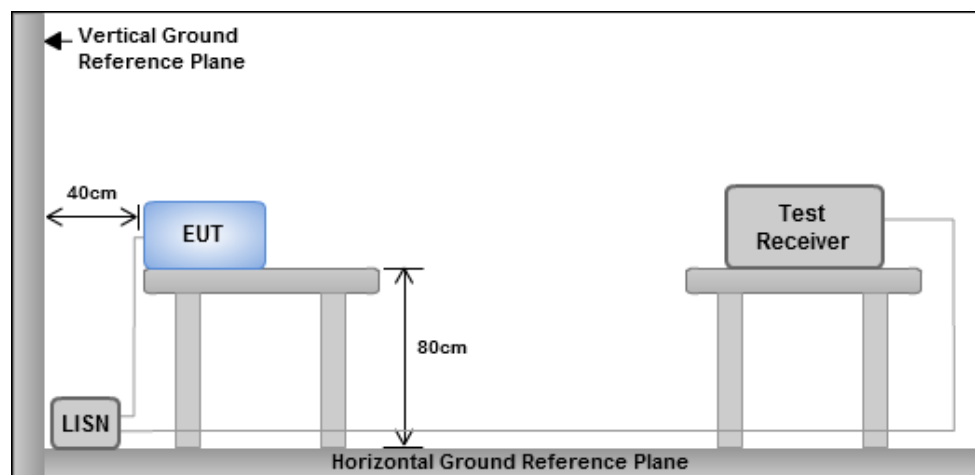
Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

Note 1: * Decreases with the logarithm of the frequency.

3.6.2 Test Procedures

1. The device is placed on a test table, raised 80 cm above the reference ground plane. The vertical conducting plane is located 40 cm to the rear of the device.
2. The device is connected to line impedance stabilization network (LISN) and other accessories are connected to other LISN. Measured levels of AC power line conducted emission are across the 50 Ω LISN port.
3. AC conducted emission measurements is made over frequency range from 150 kHz to 30 MHz.
4. This measurement was performed with AC 120V/60Hz

3.6.3 Test Setup



- Note: 1. Support units were connected to second LISN.
 2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

3.6.4 Test Results

Refer to Appendix F.

4 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corporation (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website <http://www.icertifi.com.tw>.

Linkou

Tel: 886-2-2601-1640

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Kwei Shan

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St., Kwei Shan Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)
No.2-1, Lane 6, Wen San 3rd
St., Kwei Shan Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)

Kwei Shan Site II

Tel: 886-3-271-8640

No.14-1, Lane 19, Wen San 3rd
St., Kwei Shan Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)

If you have any suggestion, please feel free to contact us as below information.

Tel: 886-3-271-8666

Fax: 886-3-318-0345

Email: ICC_Service@icertifi.com.tw

==END==

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.186M	16.65M	16M7D1D	20.922M	16.597M
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	21.582M	19.07M	19M1D1D	21.318M	19.01M
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	39.996M	37.601M	37M6D1D	39.6M	37.541M
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	81.84M	77.241M	77M2D1D	81.576M	77.001M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.318M	16.703M	16M7D1D	20.988M	16.624M
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	21.912M	19.13M	19M1D1D	21.384M	19.07M
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	43.956M	37.721M	37M7D1D	39.996M	37.601M
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	81.84M	77.001M	77M0D1D	81.576M	77.001M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.714M	16.888M	16M9D1D	15.855M	13.418M
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	43.824M	19.67M	19M7D1D	21.252M	14.738M
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	50.26M	37.661M	37M7D1D	39.6M	33.898M
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	90.825M	77.121M	77M1D1D	81.576M	73.388M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.302M	16.808M	16M8D1D	3.08M	4.698M
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	18.942M	19.16M	19M2D1D	4.38M	9.595M
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	37.62M	37.601M	37M6D1D	3.8M	17.511M
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	76.56M	77.121M	77M1D1D	3.86M	17.951M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Minimum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.12M	16.624M	21.186M	16.65M
5200MHz	Pass	Inf	20.922M	16.624M	21.12M	16.65M
5240MHz	Pass	Inf	21.12M	16.597M	20.988M	16.65M
5260MHz	Pass	Inf	21.318M	16.624M	21.12M	16.703M
5300MHz	Pass	Inf	21.054M	16.65M	21.318M	16.703M
5320MHz	Pass	Inf	20.988M	16.65M	21.054M	16.703M
5500MHz	Pass	Inf	21.054M	16.65M	21.252M	16.703M
5580MHz	Pass	Inf	21.648M	16.756M	21.714M	16.888M
5700MHz	Pass	Inf	21.186M	16.65M	21.186M	16.676M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.855M	13.418M	15.855M	13.478M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.08M	4.698M	3.08M	4.878M
5745MHz	Pass	500k	16.302M	16.808M	16.302M	16.756M
5785MHz	Pass	500k	16.302M	16.65M	16.236M	16.676M
5825MHz	Pass	500k	16.236M	16.624M	16.302M	16.729M
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-
5180MHz	Pass	Inf	21.45M	19.04M	21.45M	19.07M
5200MHz	Pass	Inf	21.516M	19.04M	21.45M	19.04M
5240MHz	Pass	Inf	21.318M	19.01M	21.582M	19.07M
5260MHz	Pass	Inf	21.45M	19.1M	21.912M	19.1M
5300MHz	Pass	Inf	21.45M	19.07M	21.846M	19.13M
5320MHz	Pass	Inf	21.384M	19.07M	21.714M	19.07M
5500MHz	Pass	Inf	21.648M	19.04M	21.582M	19.07M
5580MHz	Pass	Inf	40.986M	19.46M	43.824M	19.67M
5700MHz	Pass	Inf	21.252M	19.04M	21.45M	19.04M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	22.725M	14.738M	25.68M	14.768M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.38M	9.595M	4.5M	9.875M
5745MHz	Pass	500k	18.942M	19.16M	18.942M	19.13M
5785MHz	Pass	500k	18.876M	19.1M	18.942M	19.13M
5825MHz	Pass	500k	18.876M	19.07M	18.942M	19.07M
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-
5190MHz	Pass	Inf	39.6M	37.541M	39.996M	37.541M
5230MHz	Pass	Inf	39.6M	37.601M	39.996M	37.541M
5270MHz	Pass	Inf	40.128M	37.601M	43.956M	37.721M
5310MHz	Pass	Inf	40.128M	37.601M	39.996M	37.601M
5510MHz	Pass	Inf	39.6M	37.601M	39.864M	37.601M
5550MHz	Pass	Inf	40.128M	37.661M	40.26M	37.661M
5670MHz	Pass	Inf	40.128M	37.601M	40.392M	37.661M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	50.26M	33.898M	49.735M	33.898M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.8M	18.411M	3.9M	17.511M
5755MHz	Pass	500k	37.356M	37.541M	37.62M	37.601M
5795MHz	Pass	500k	37.092M	37.541M	36.3M	37.541M



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-
5210MHz	Pass	Inf	81.576M	77.241M	81.84M	77.001M
5290MHz	Pass	Inf	81.84M	77.001M	81.576M	77.001M
5530MHz	Pass	Inf	81.576M	77.121M	81.576M	77.121M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	90.75M	73.538M	90.825M	73.388M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.98M	22.289M	3.86M	17.951M
5775MHz	Pass	500k	76.296M	77.121M	76.56M	77.121M

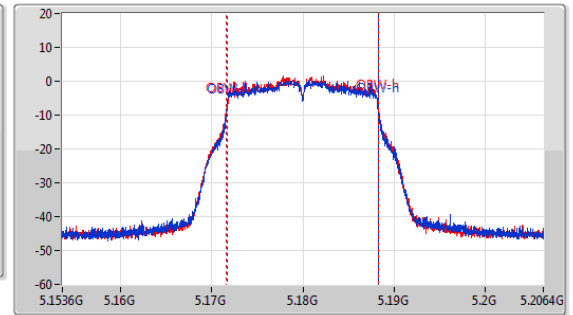
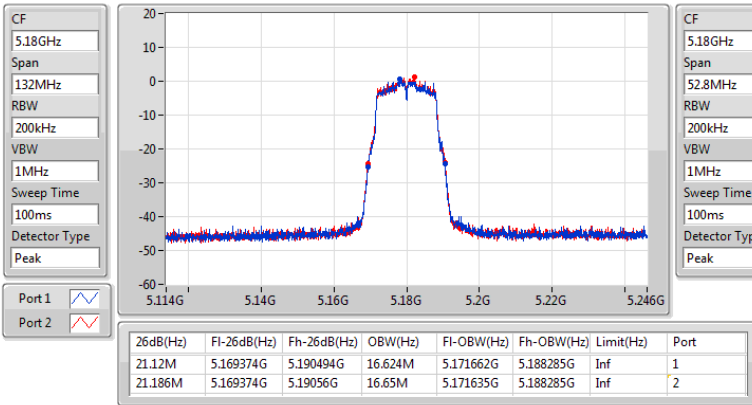
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

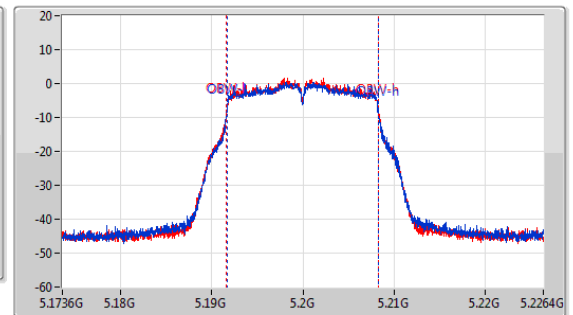
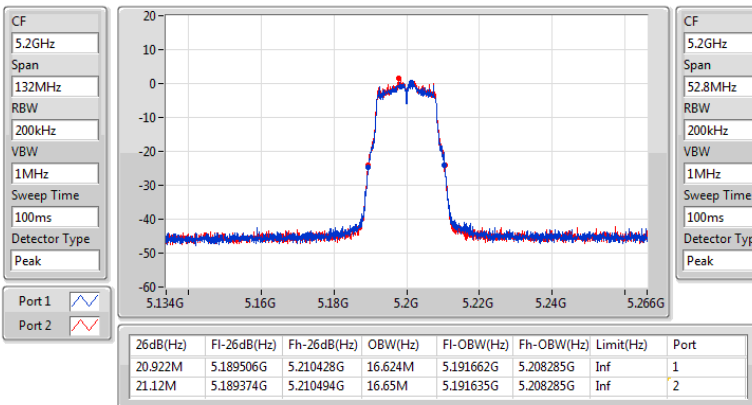
5180MHz



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

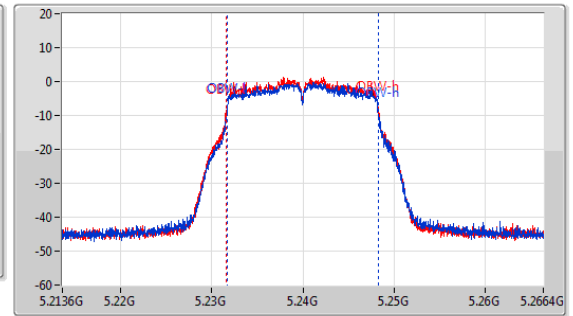
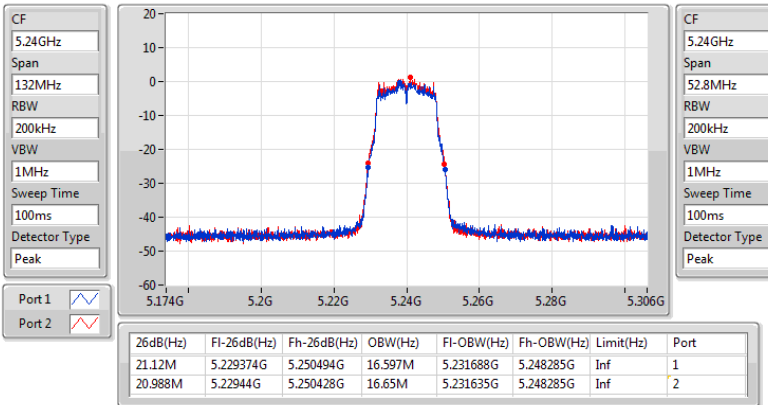
5200MHz



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

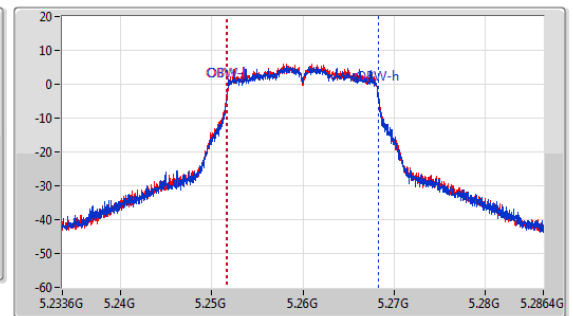
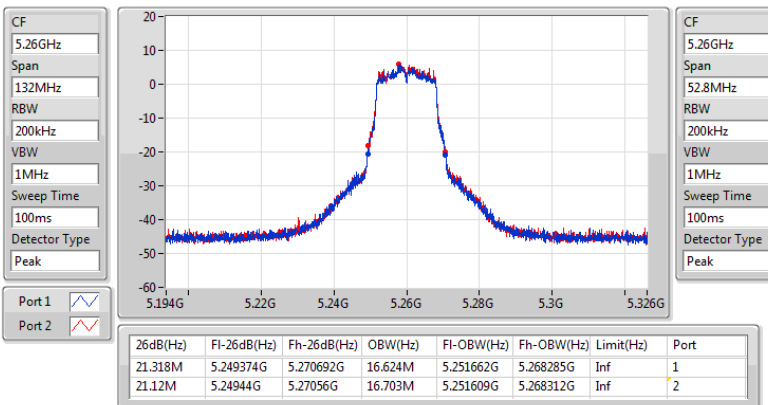
5240MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

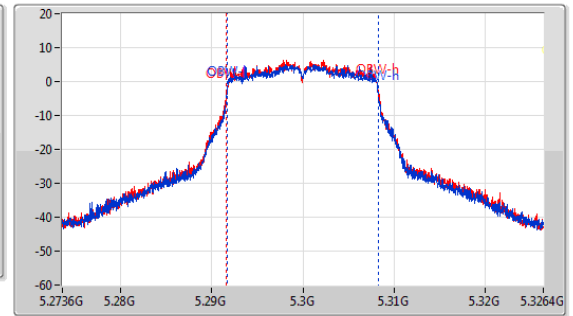
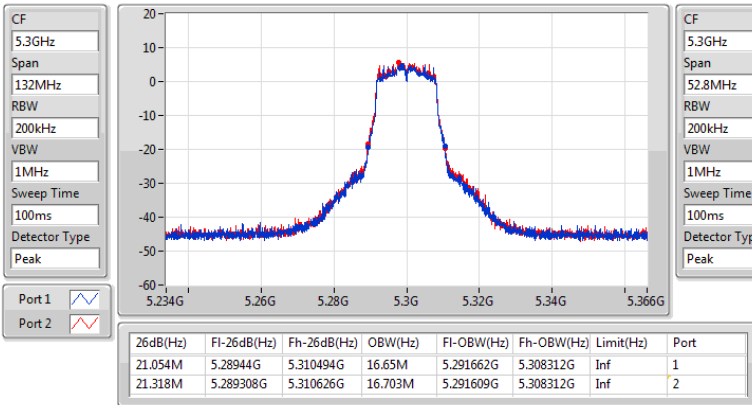
5260MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

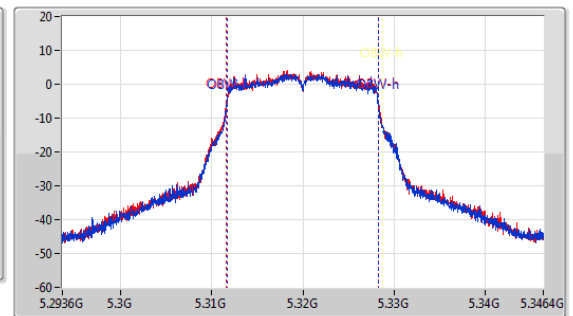
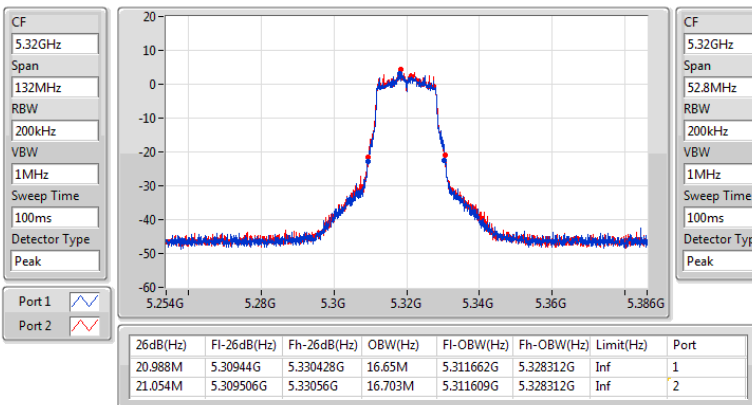
5300MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

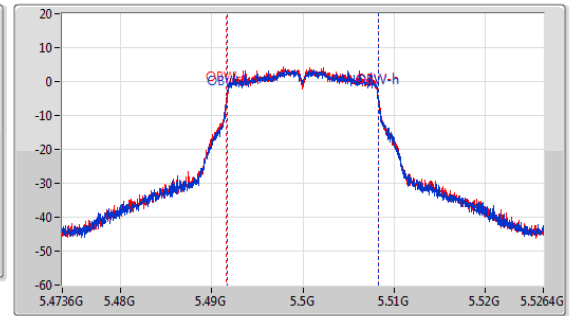
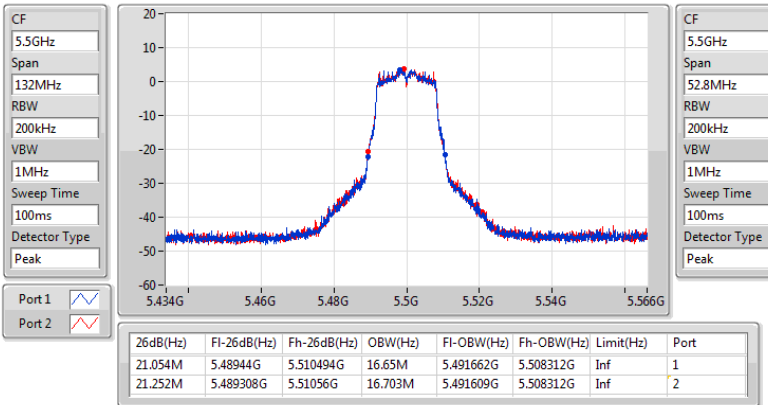
5320MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

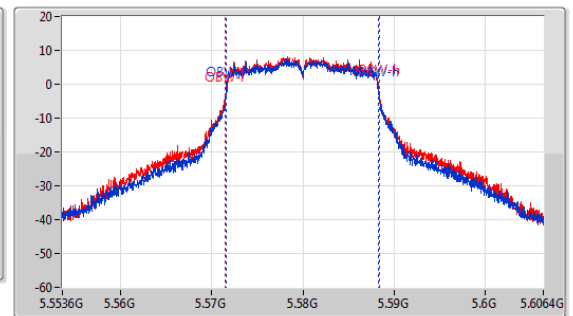
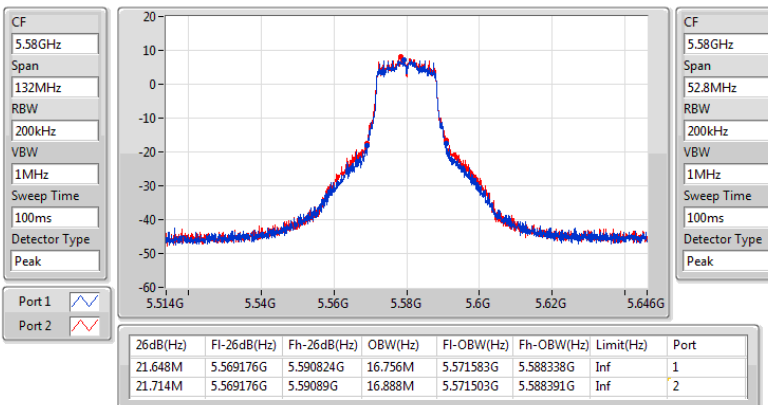
5500MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

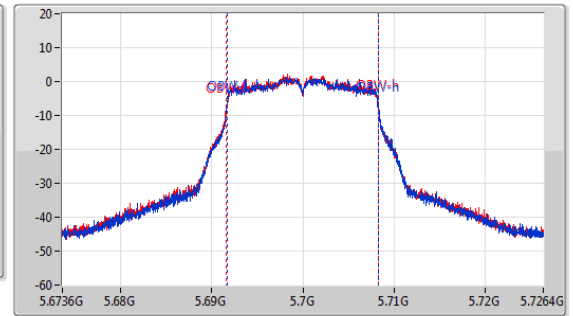
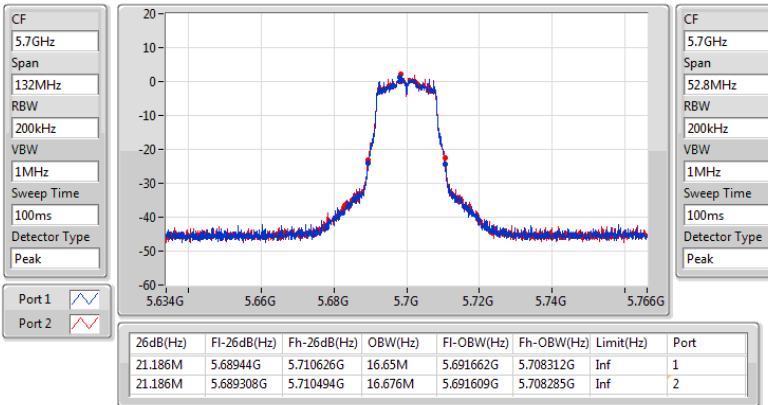
5580MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

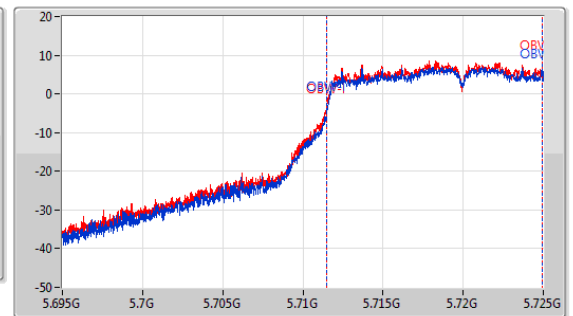
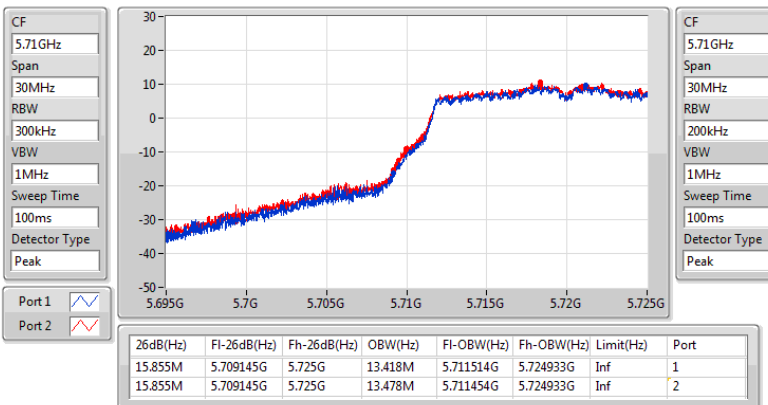
5700MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

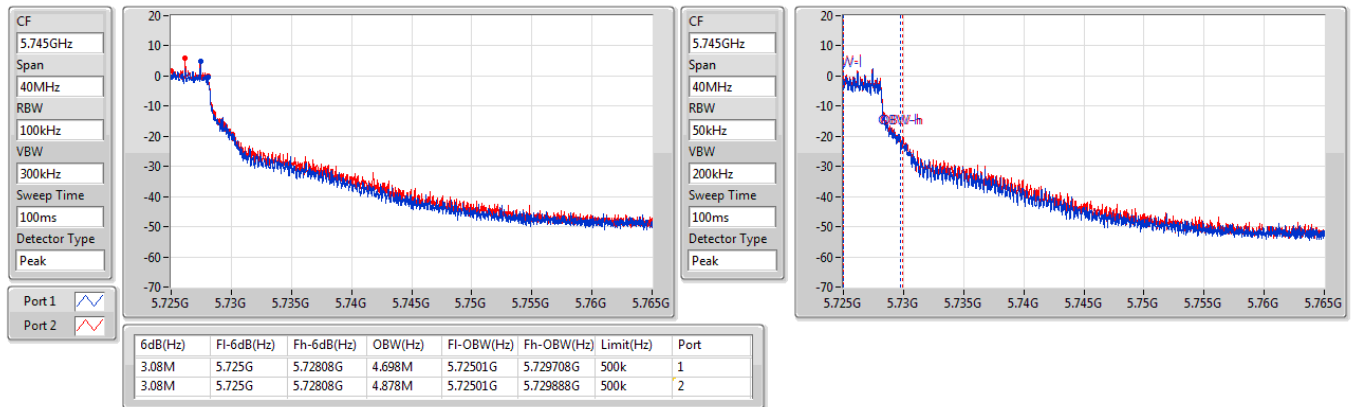
5720MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

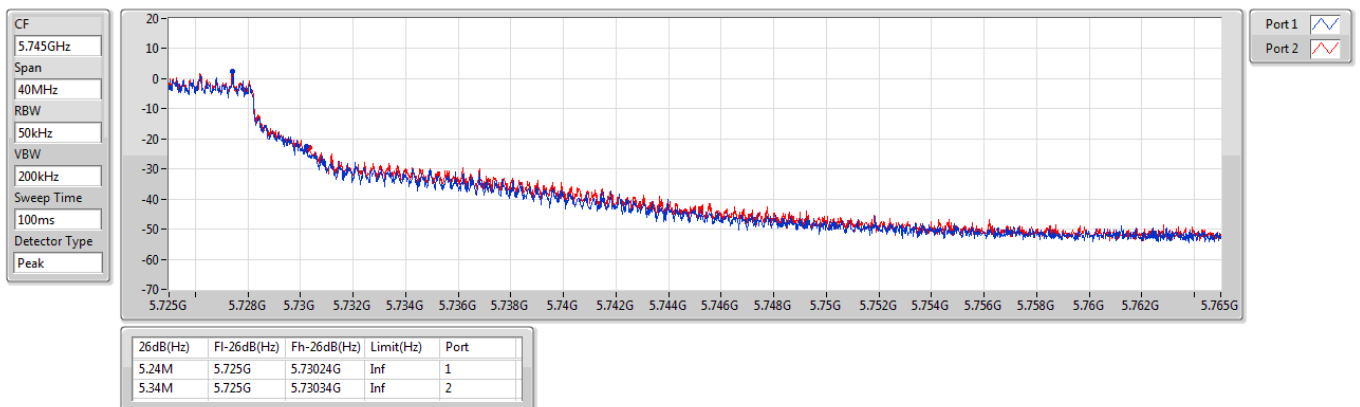
5720MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

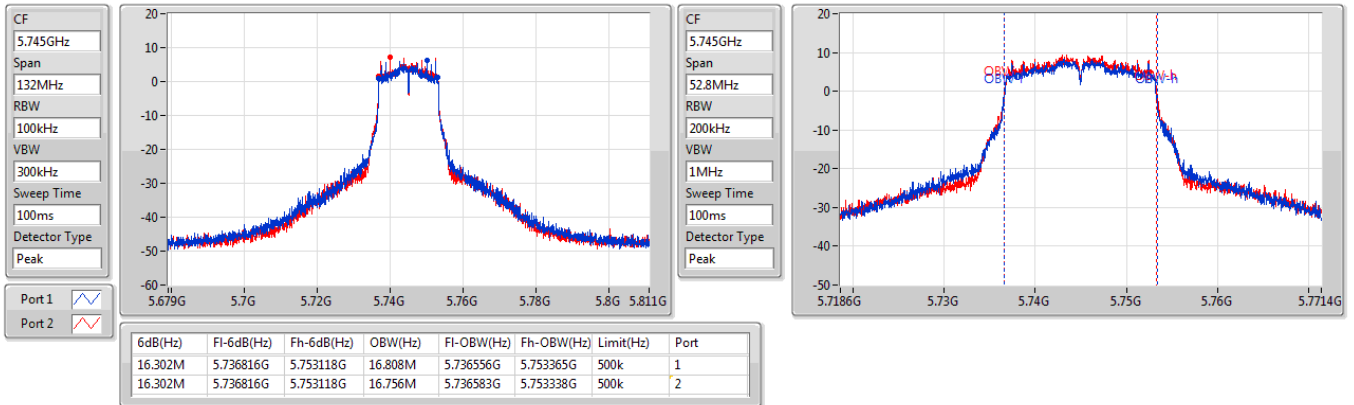
5720MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

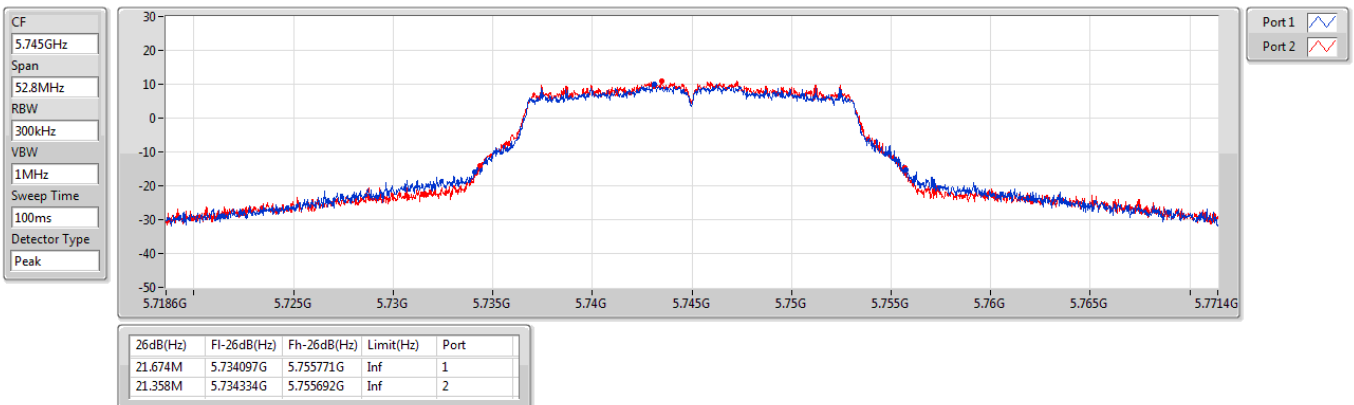
5745MHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

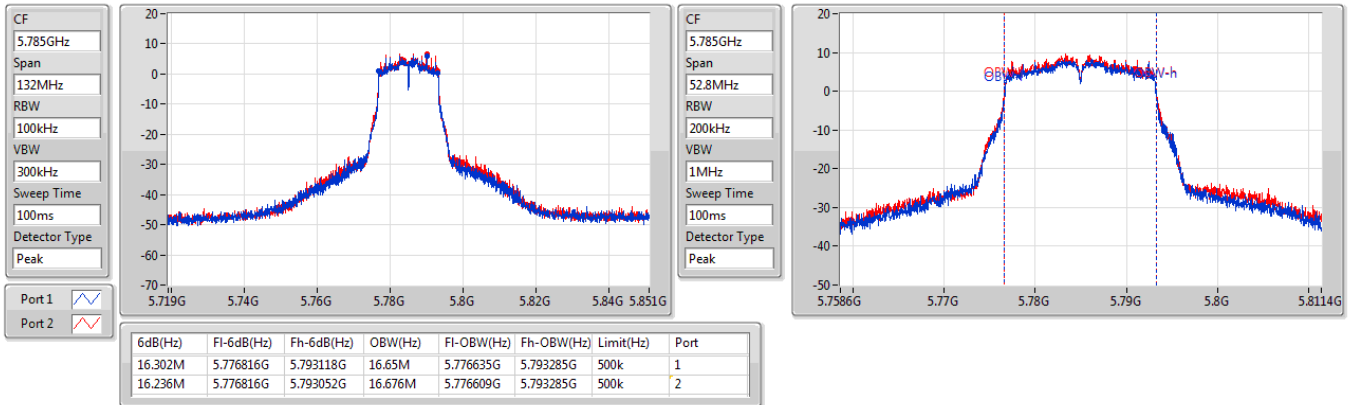
5745MHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

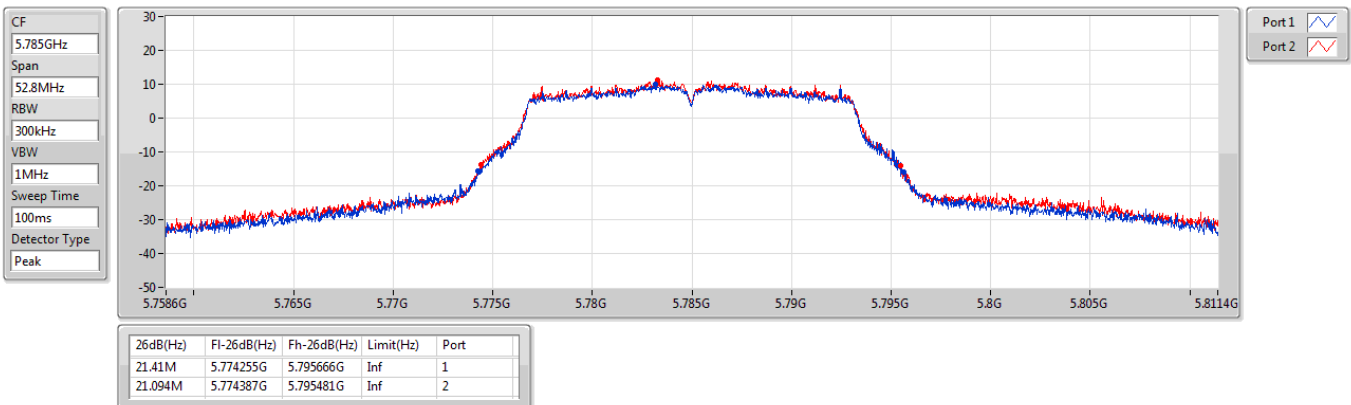
5785MHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

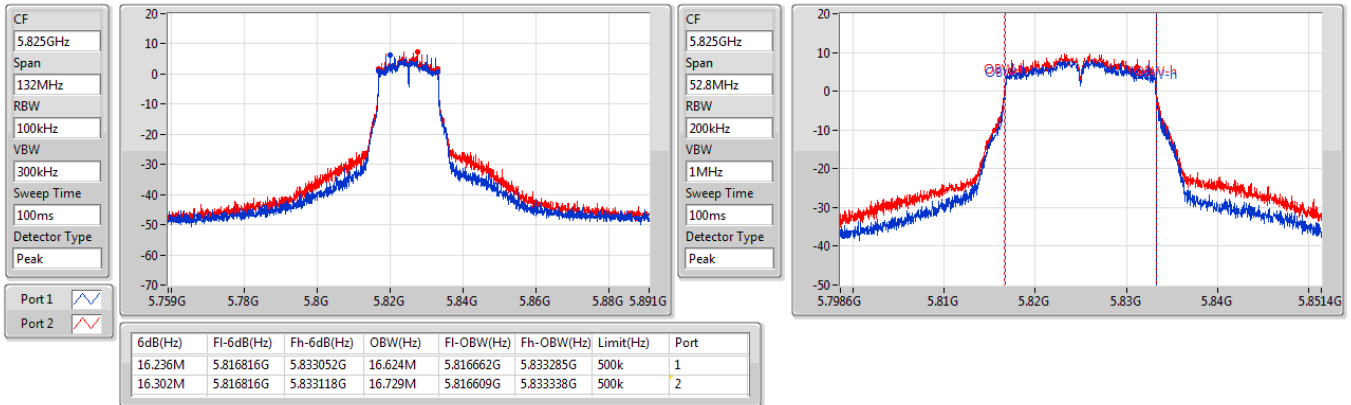
5785MHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

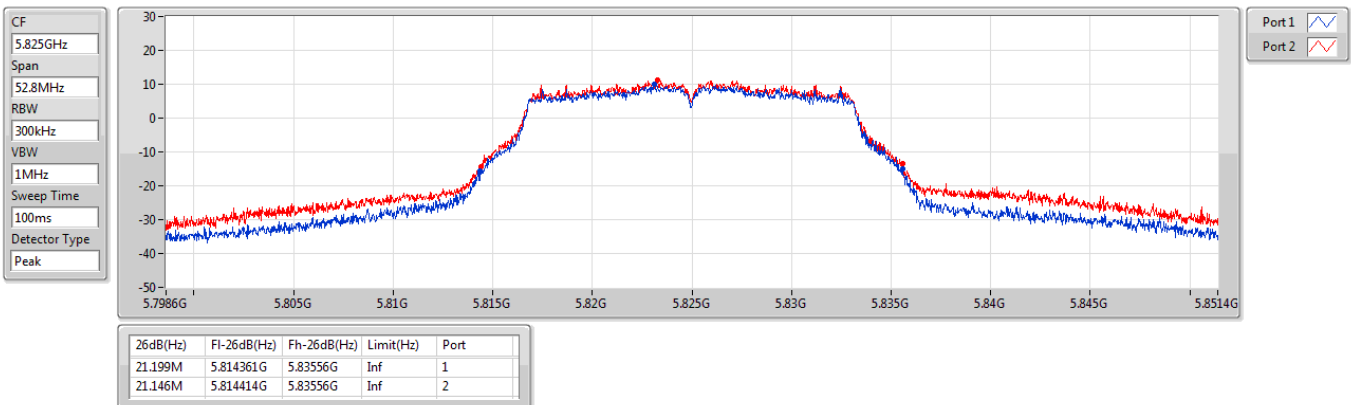
5825MHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

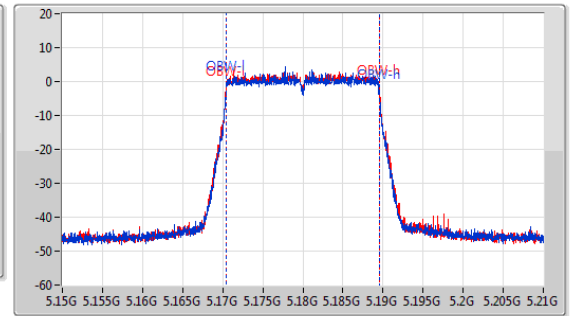
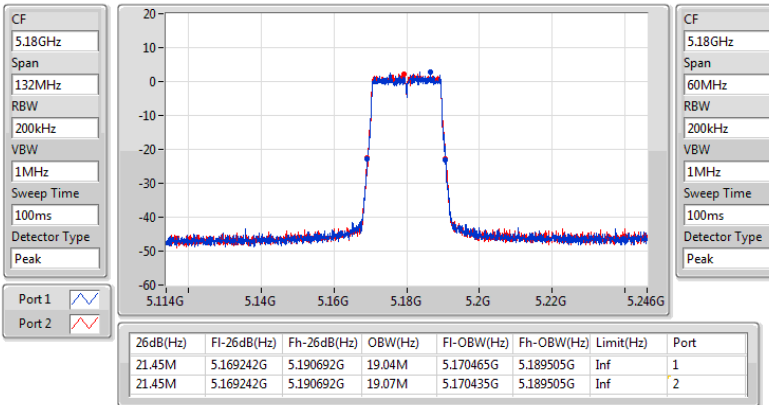
5825MHz



5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

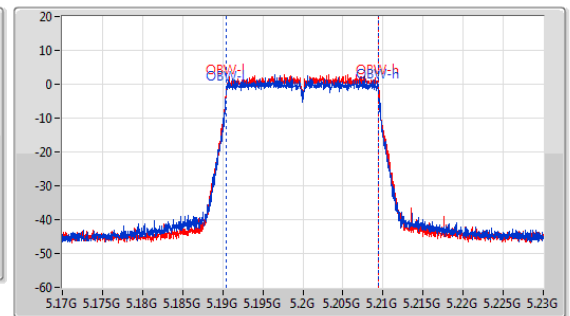
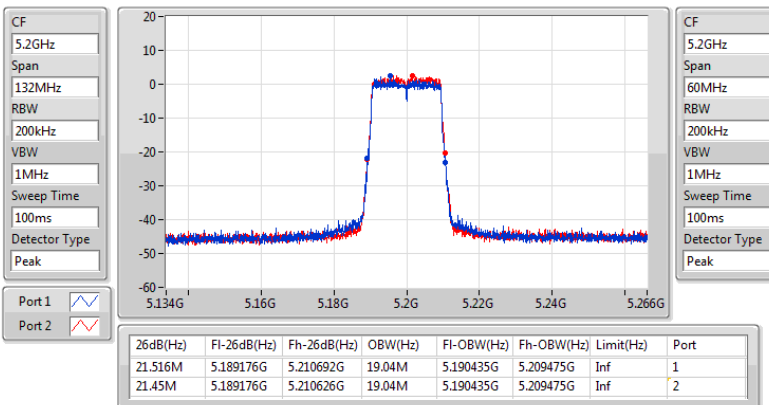
5180MHz



5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

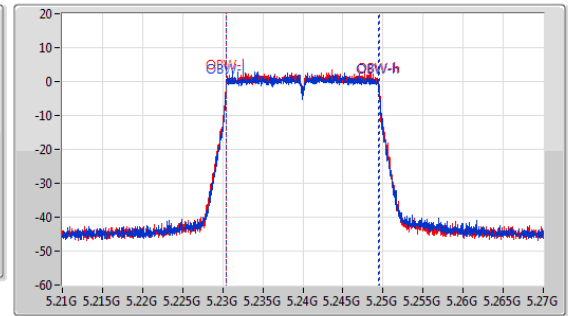
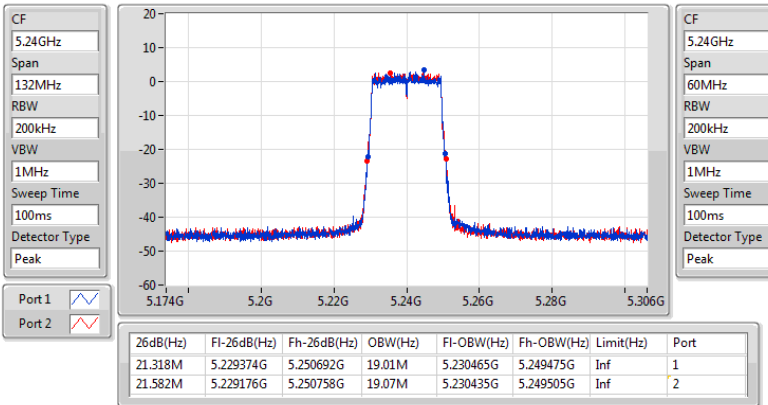
5200MHz



5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

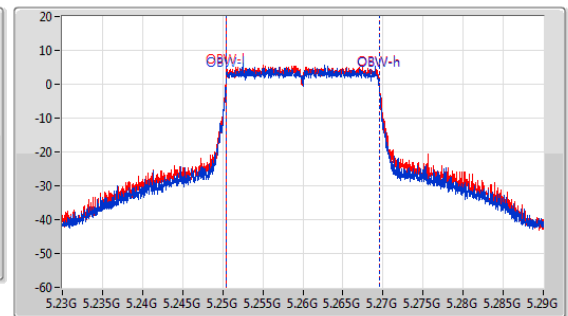
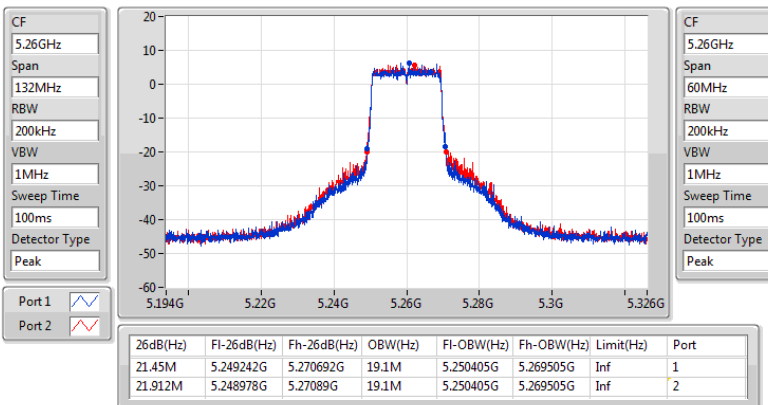
5240MHz



5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

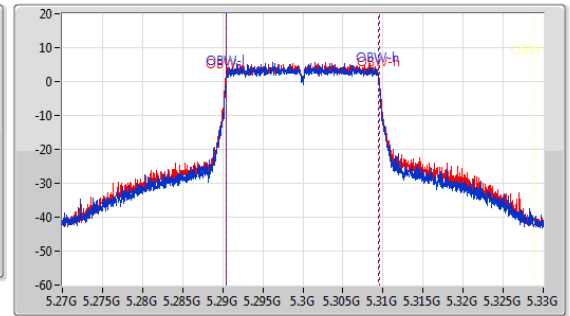
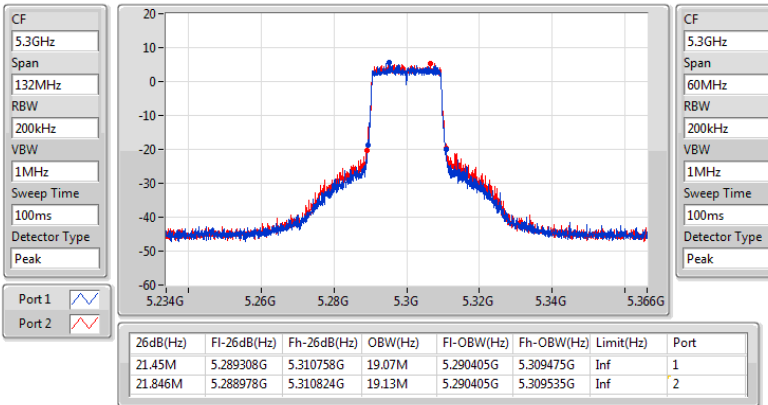
5260MHz



5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

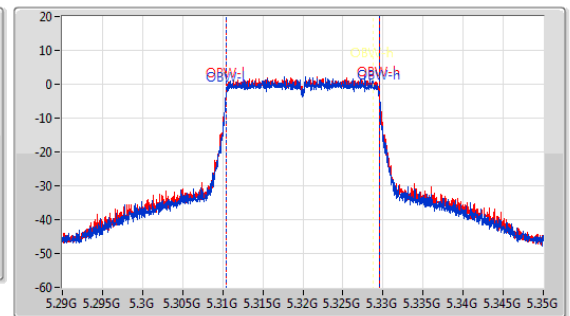
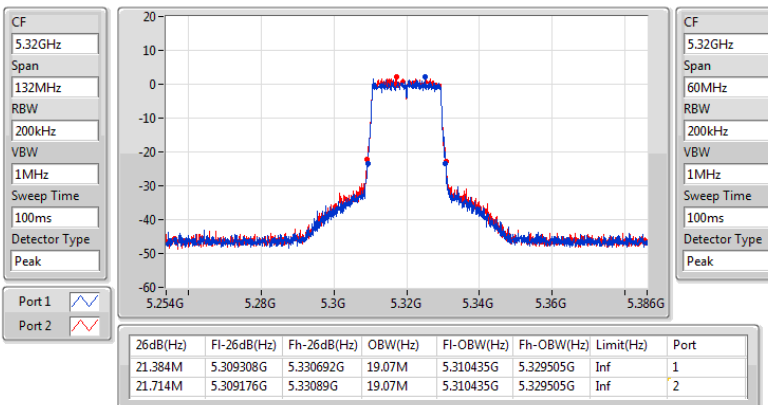
5300MHz



5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

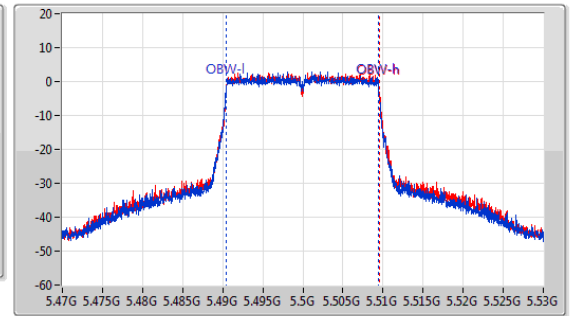
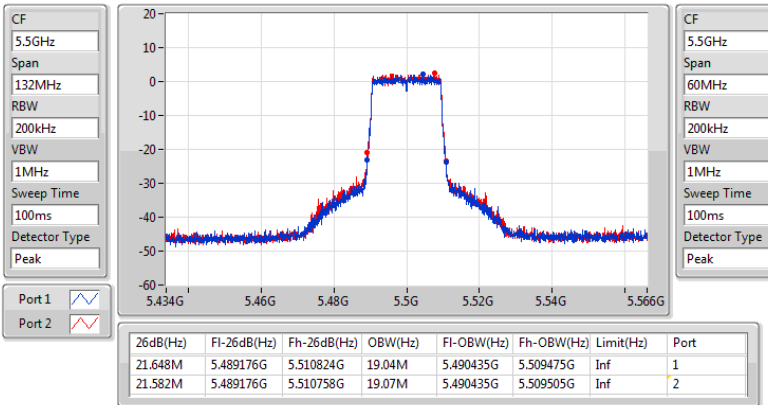
5320MHz



5.47-5.725GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

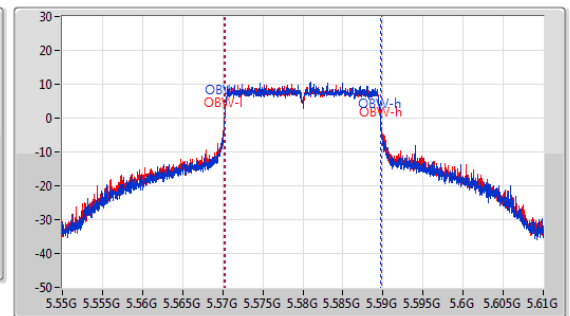
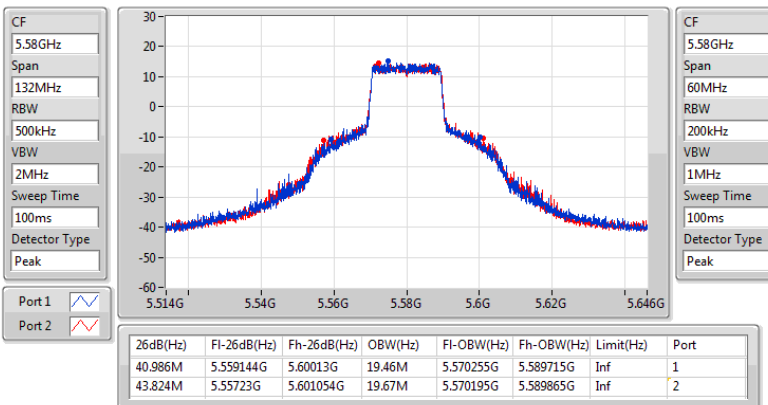
5500MHz



5.47-5.725GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

5580MHz

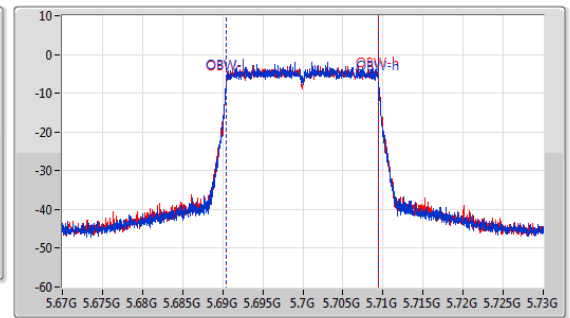
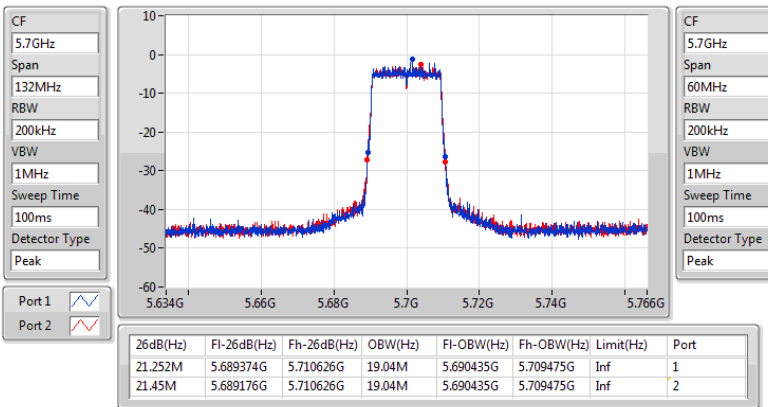




5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

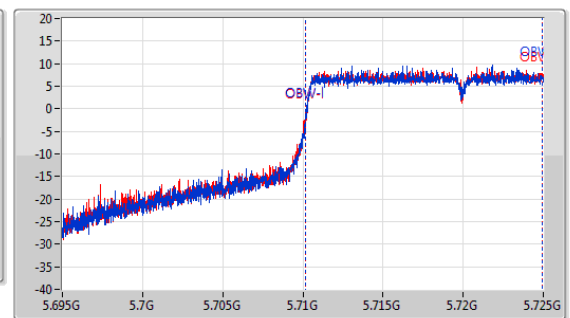
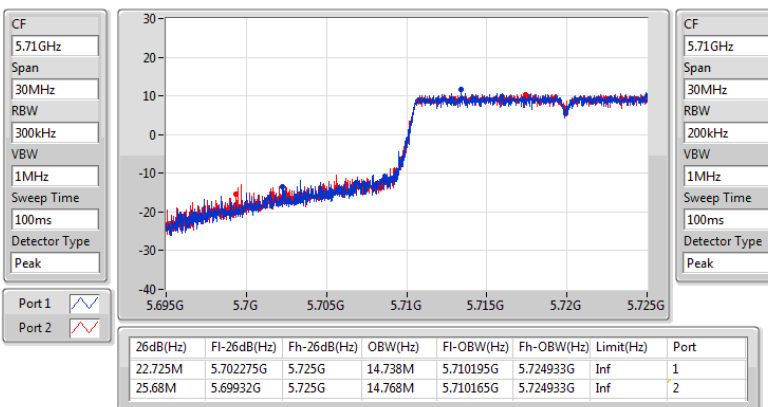
5700MHz



5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

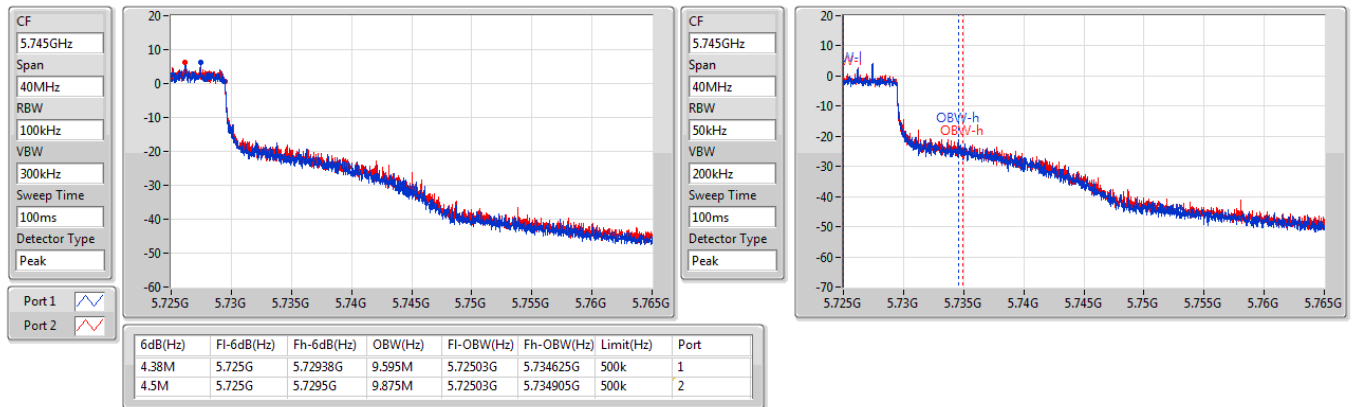
5720MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

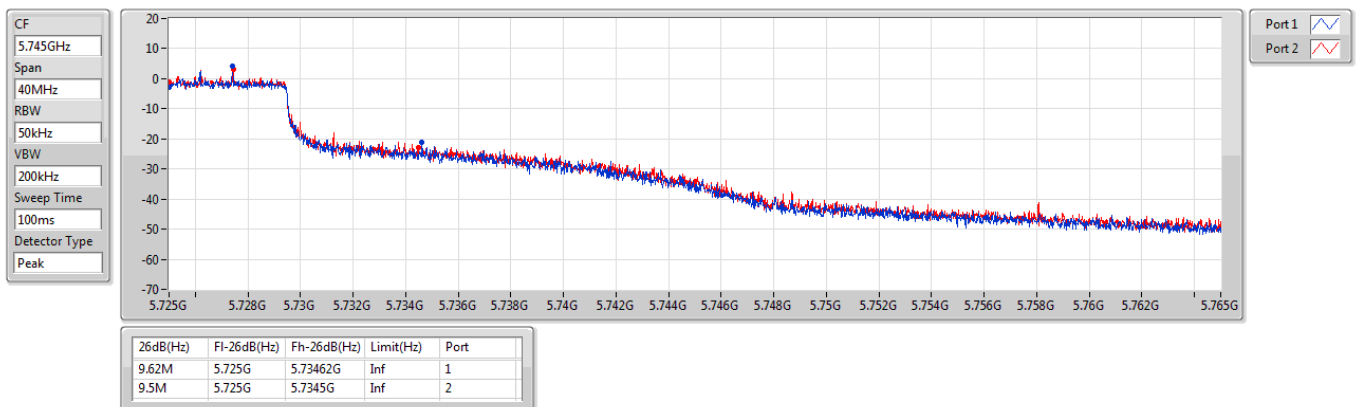
5720MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

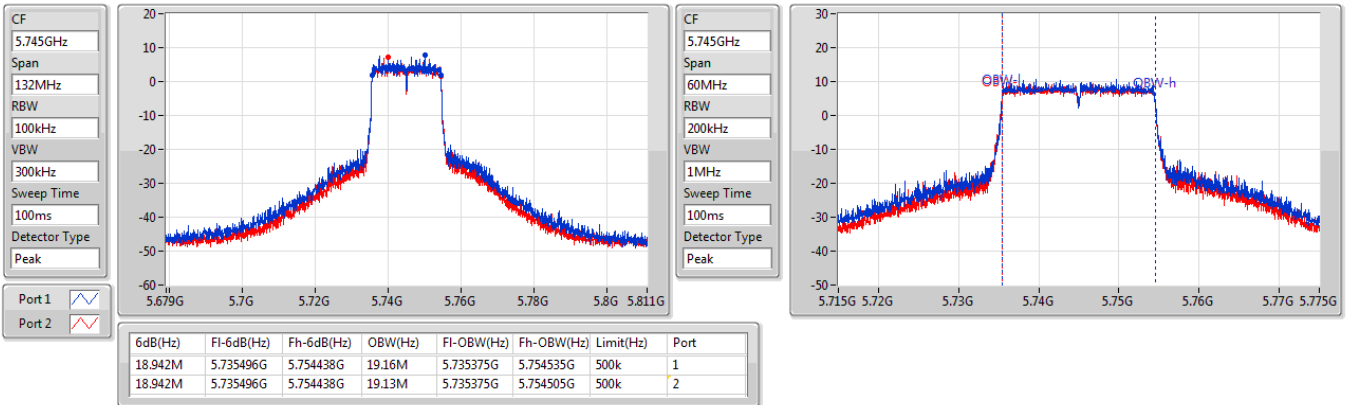
5720MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

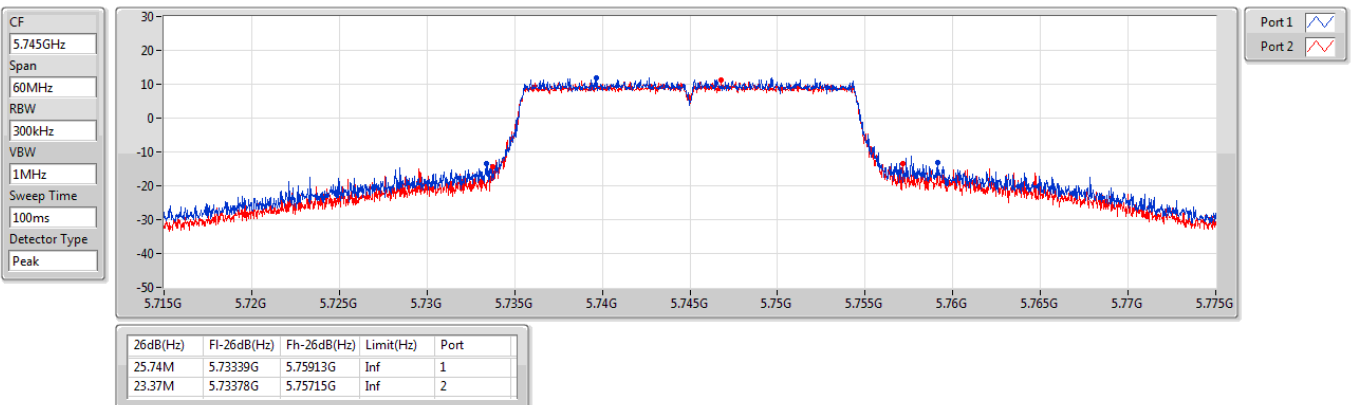
5745MHz



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

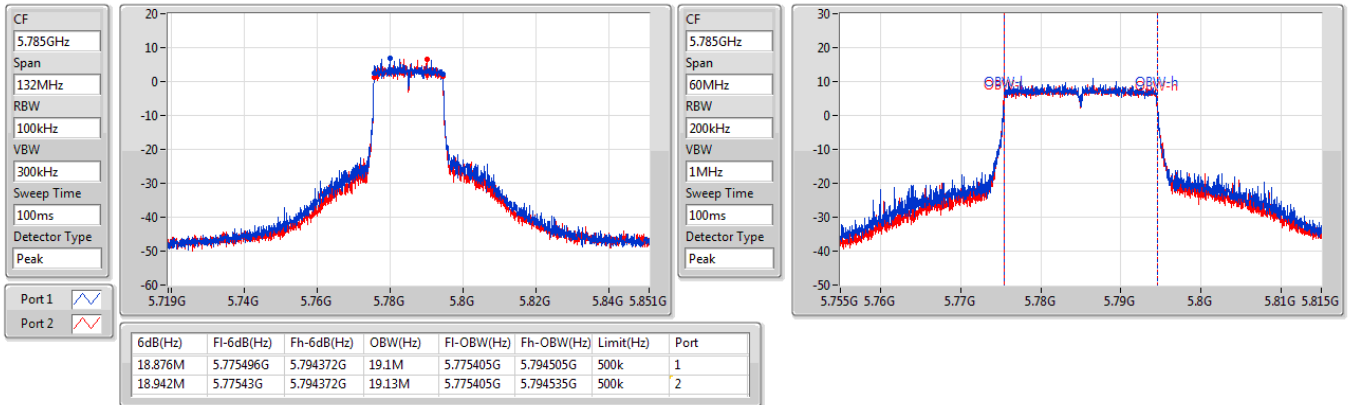
5745MHz



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

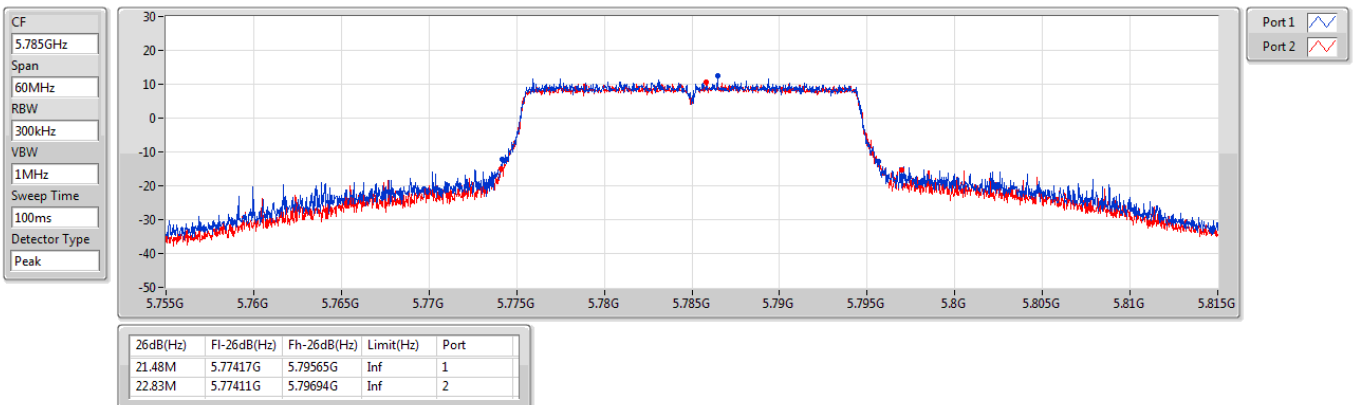
5785MHz



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

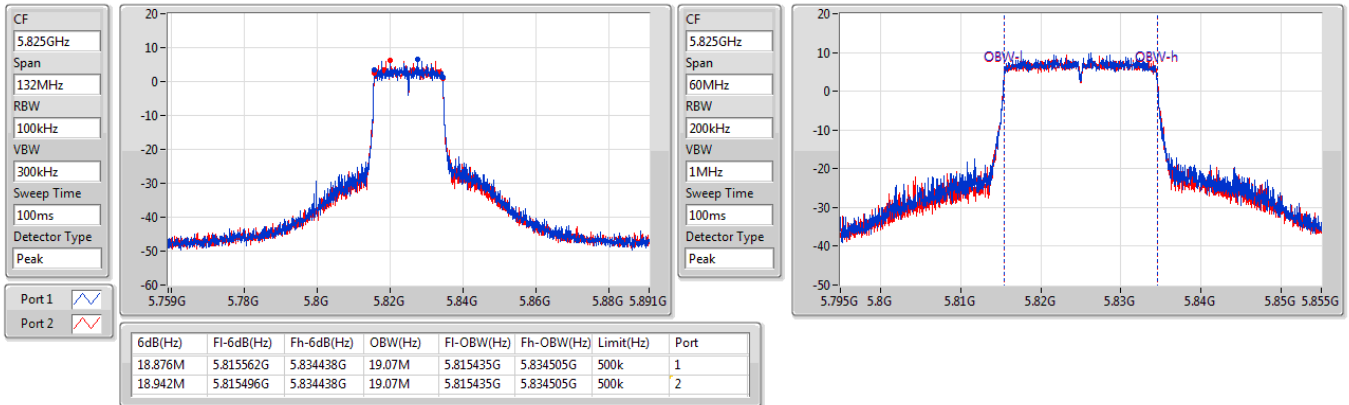
5785MHz



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

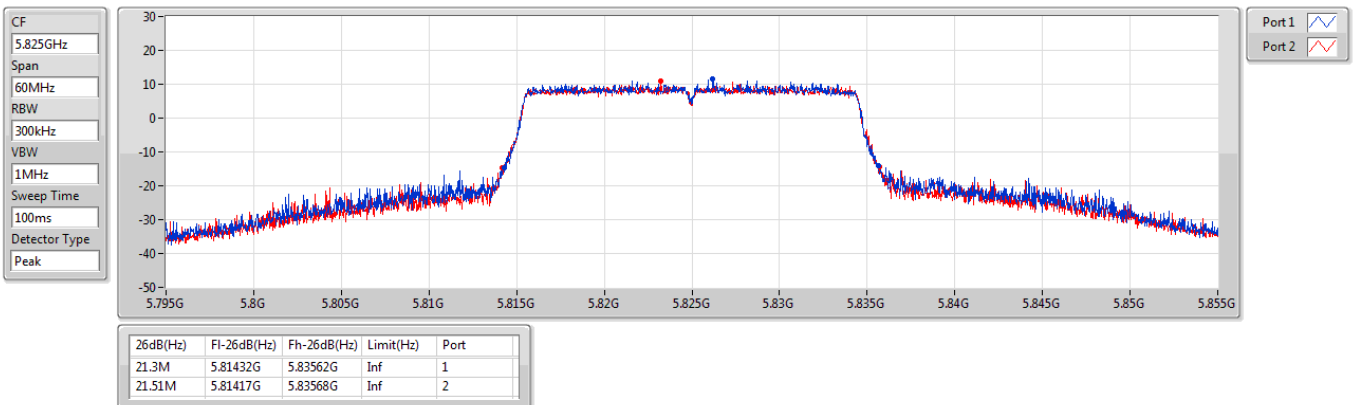
5825MHz



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5825MHz

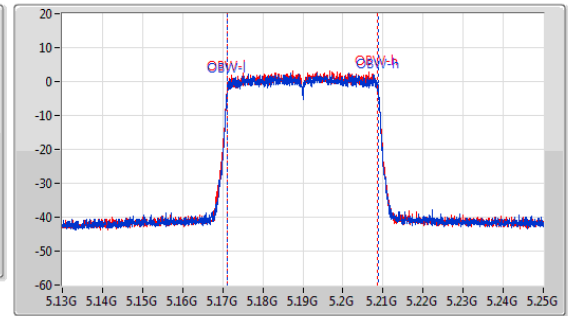
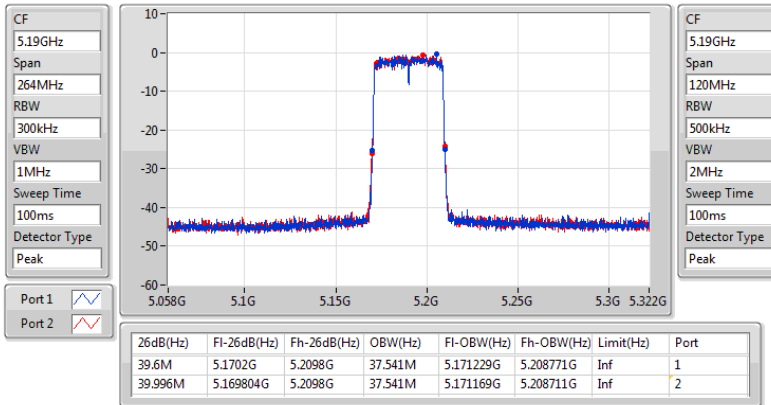




5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

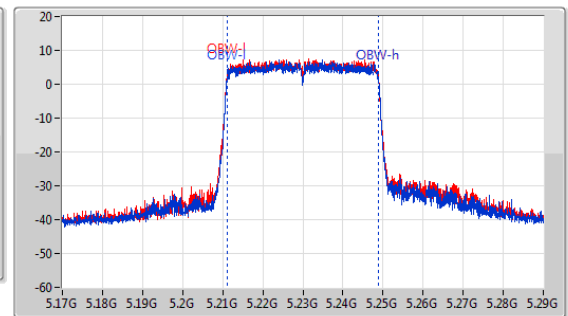
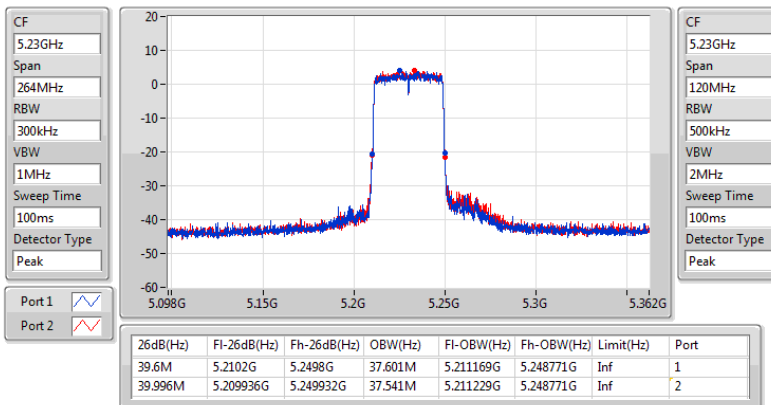
5190MHz



5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

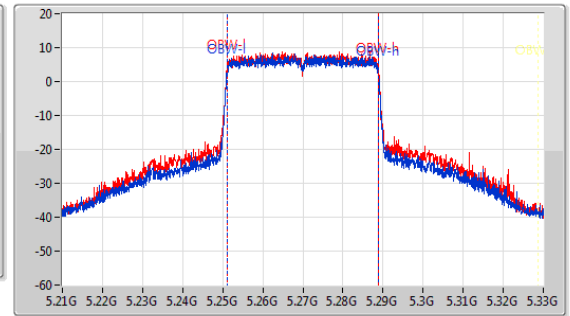
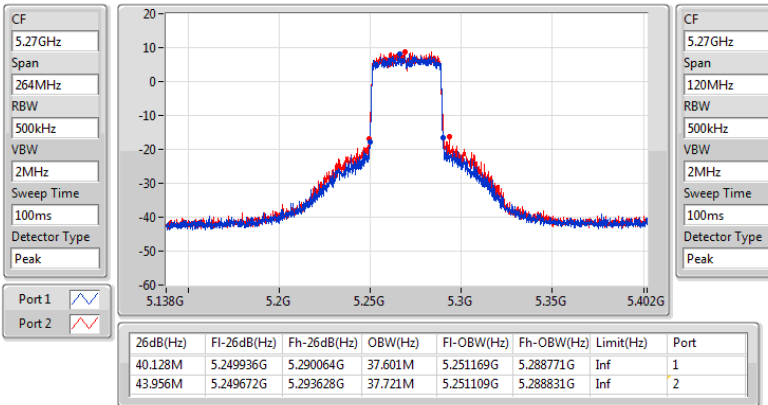
5230MHz



5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

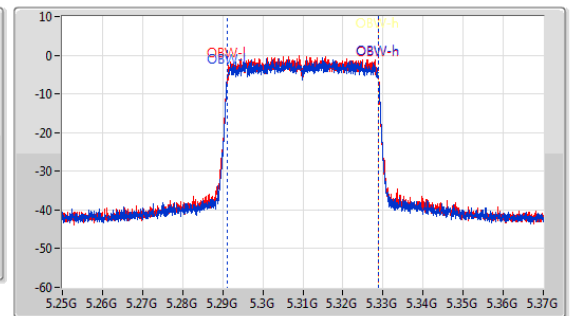
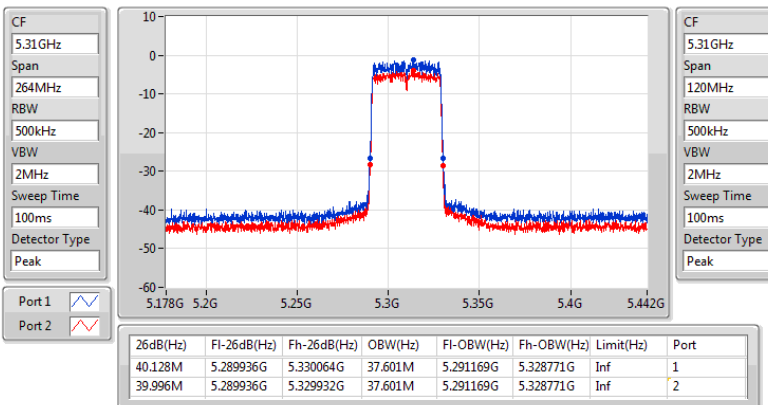
5270MHz



5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

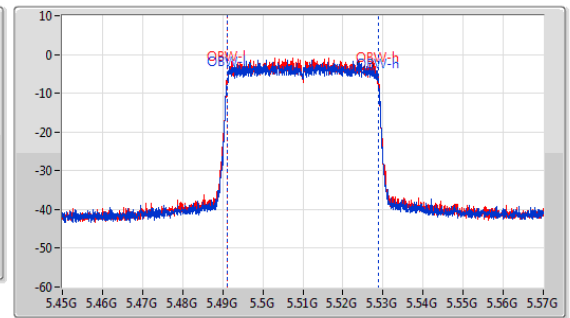
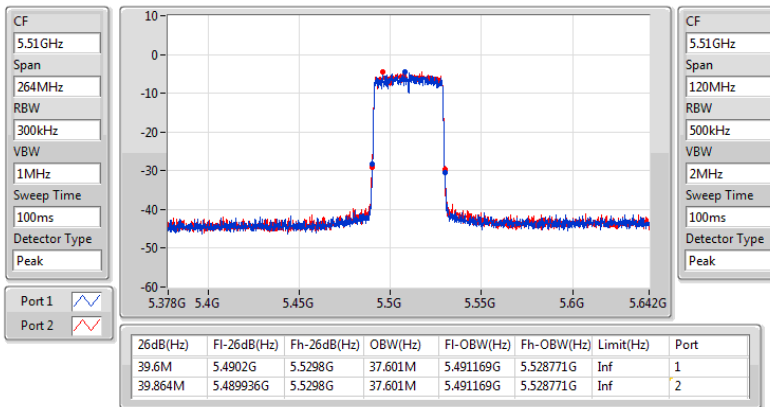
5310MHz



5.47-5.725GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

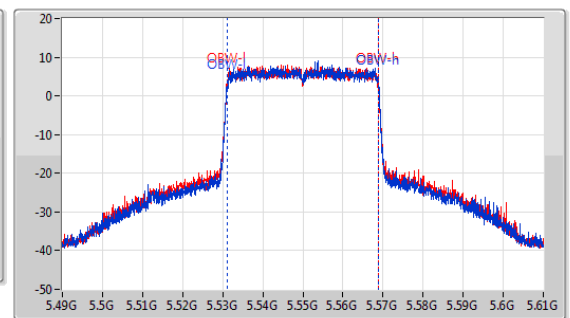
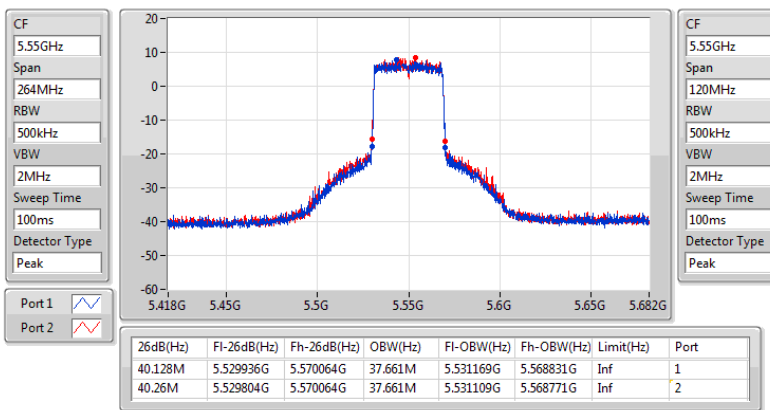
5510MHz



5.47-5.725GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

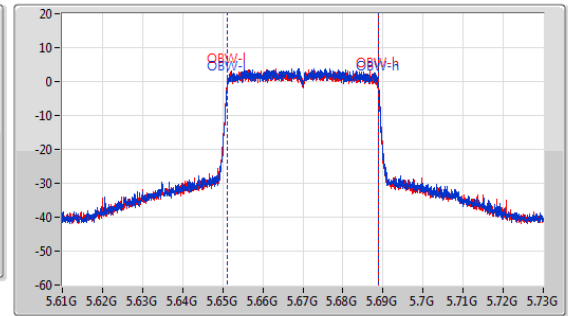
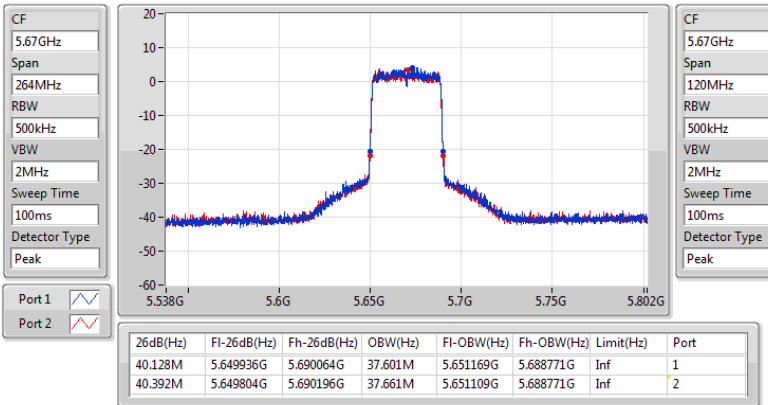
5550MHz



5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

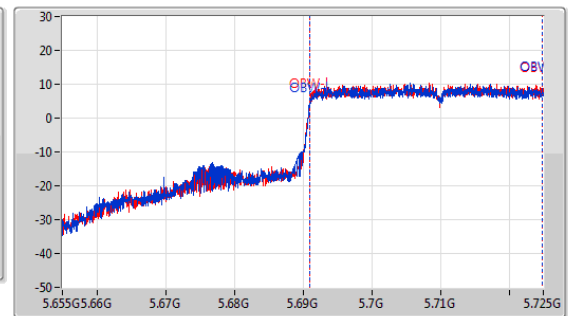
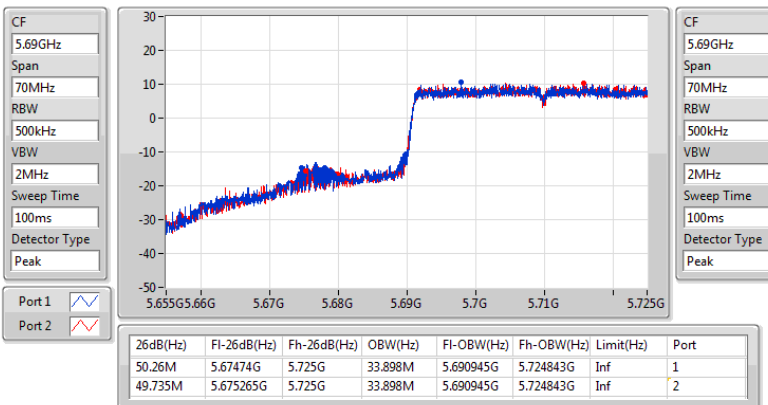
5670MHz



5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

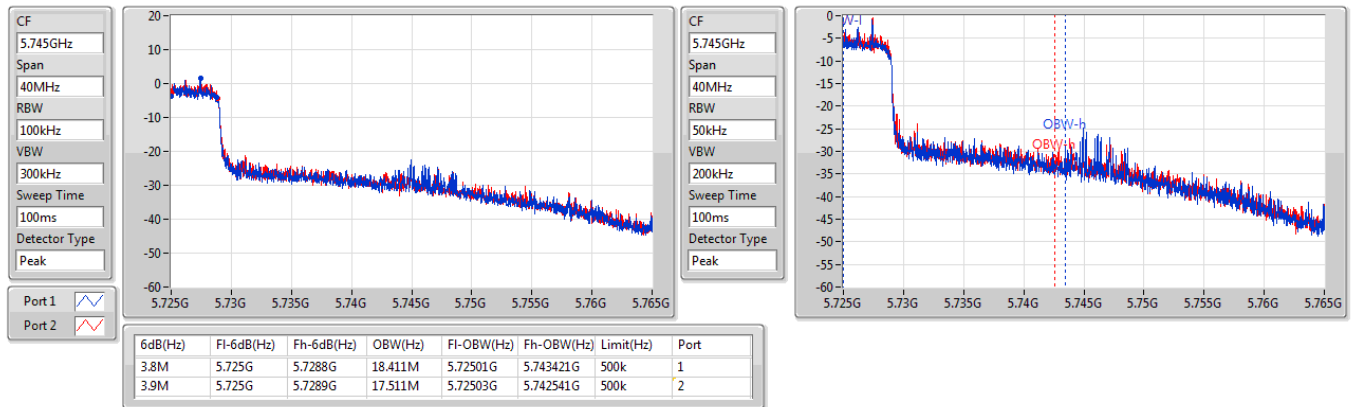
5710MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

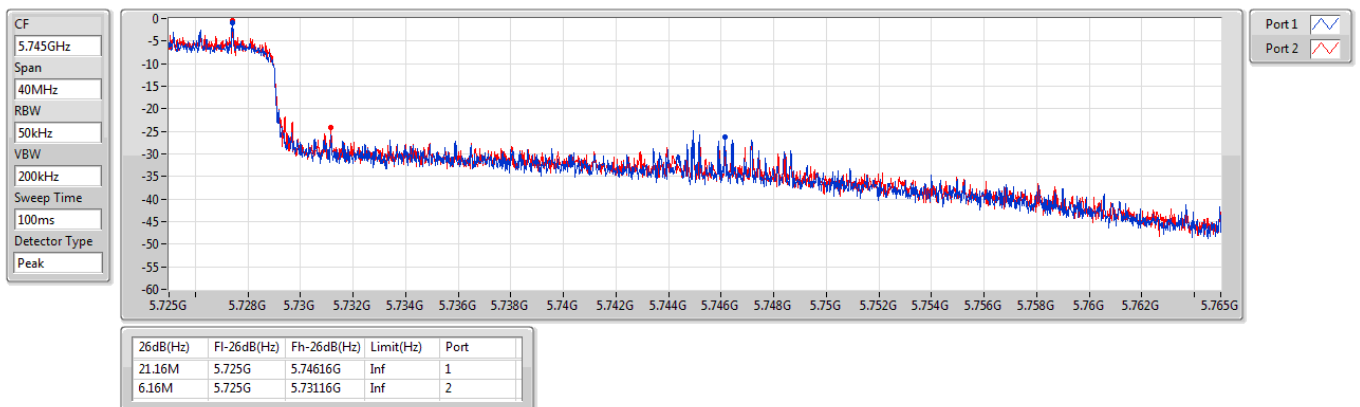
5710MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

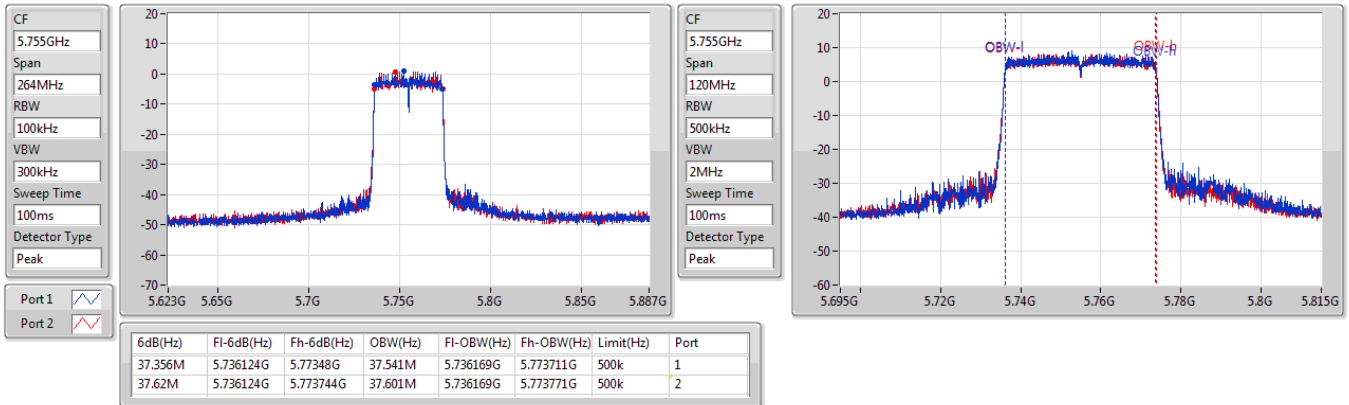




5.725-5.85GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

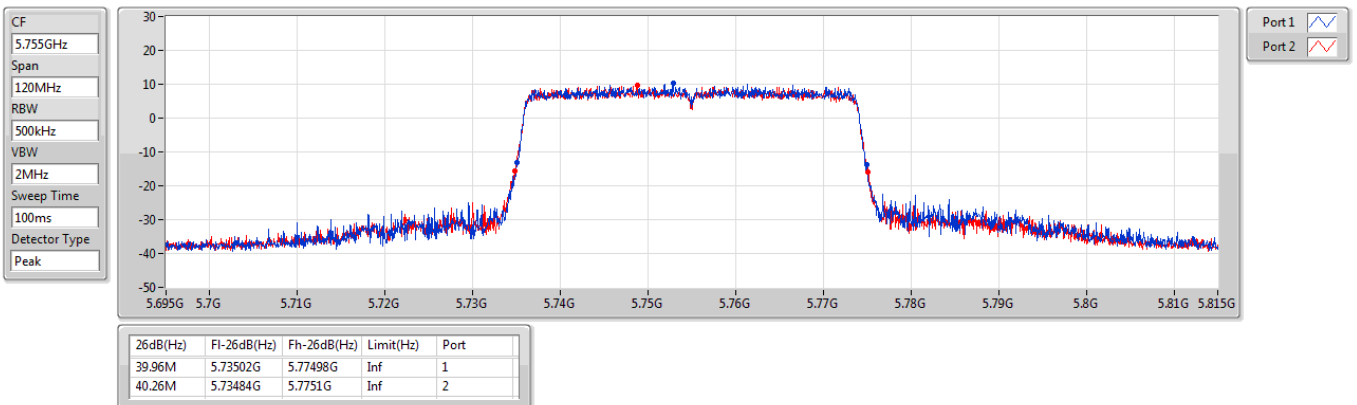
5755MHz



5.725-5.85GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

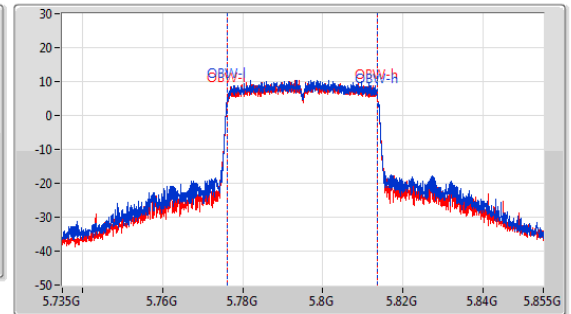
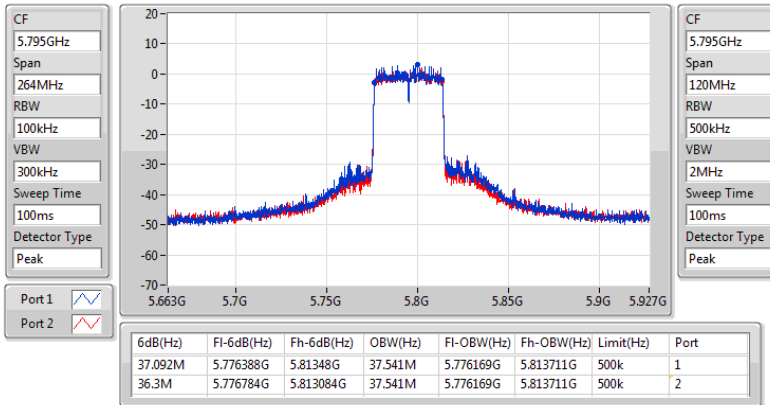
5755MHz



5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

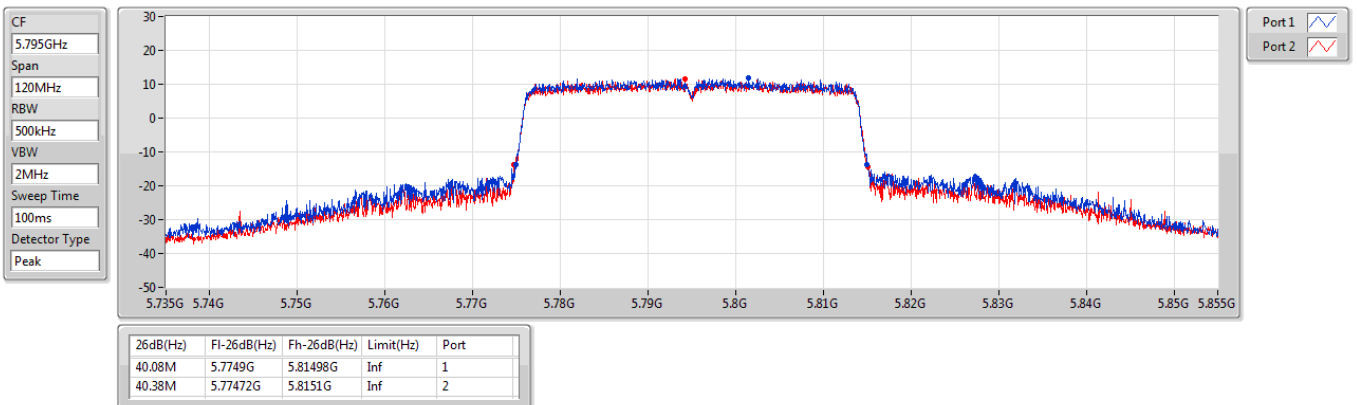
5795MHz



5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5795MHz

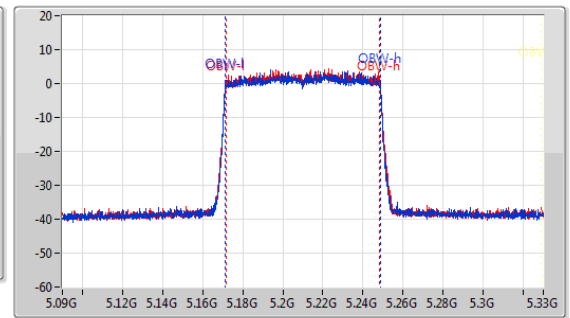
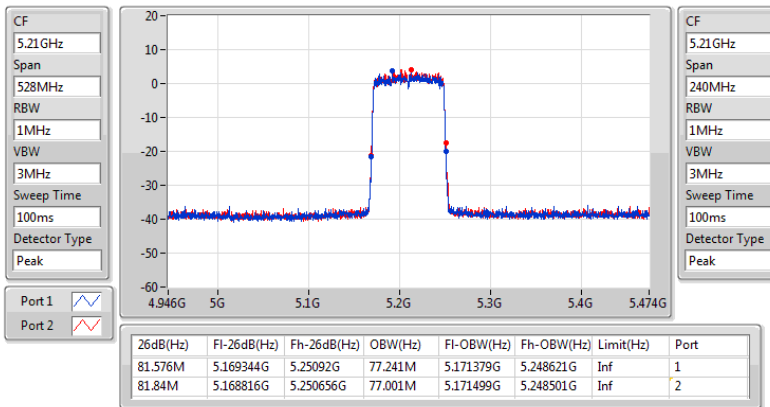




5.15-5.25GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

EBW

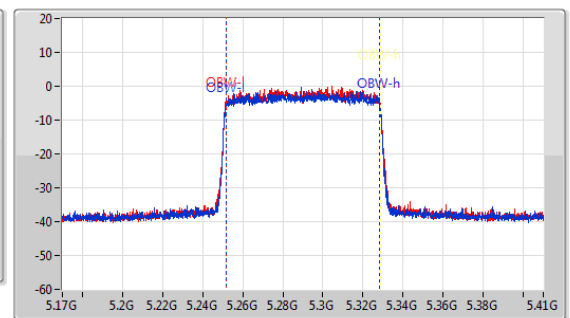
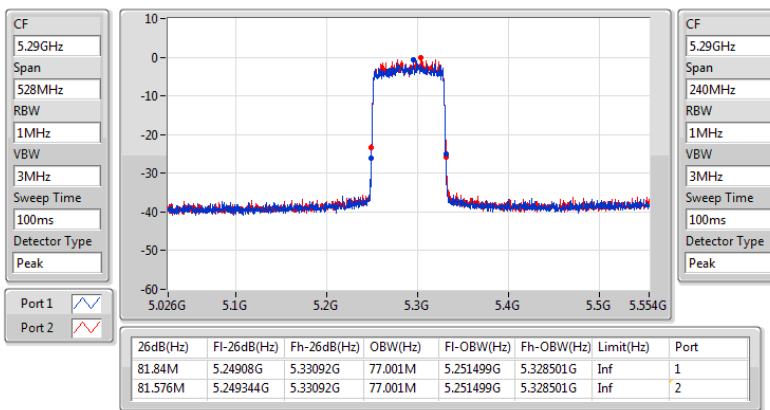
5210MHz



5.25-5.35GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

EBW

5290MHz

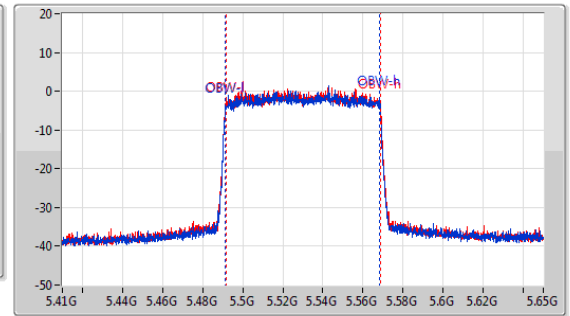
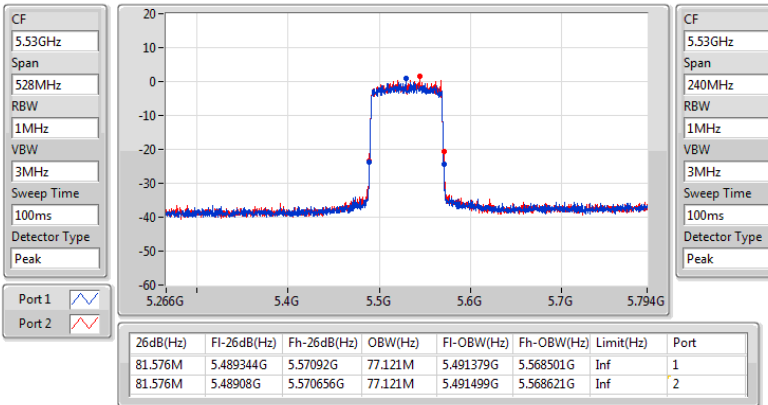




5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

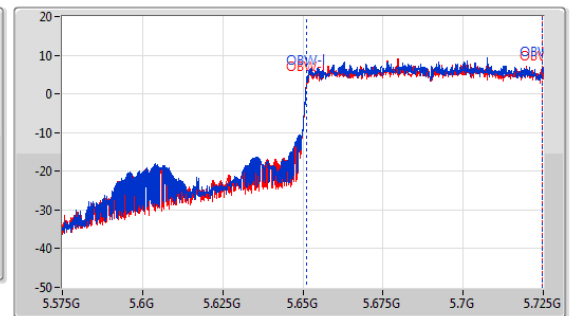
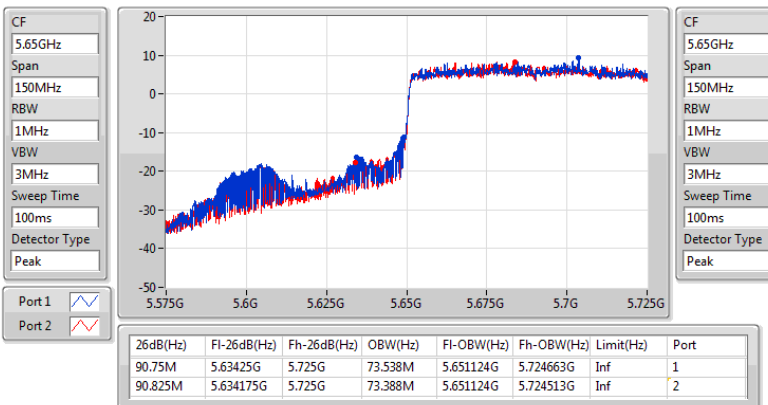
5530MHz



5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

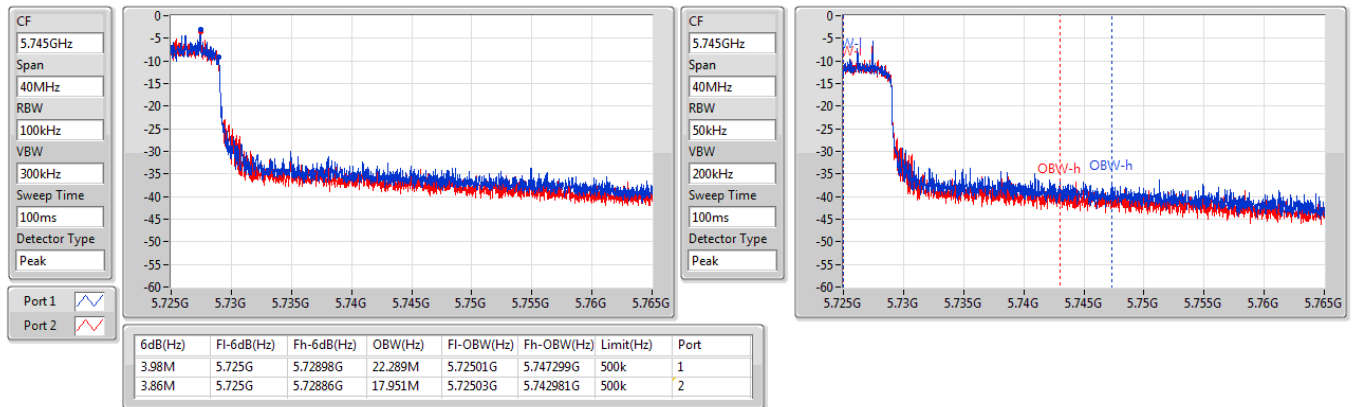
5690MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

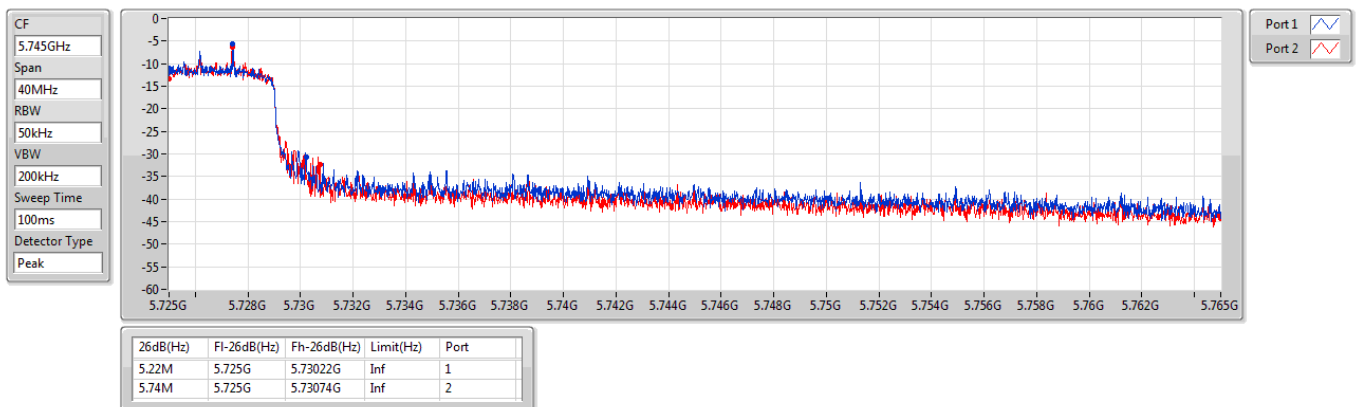
5690MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

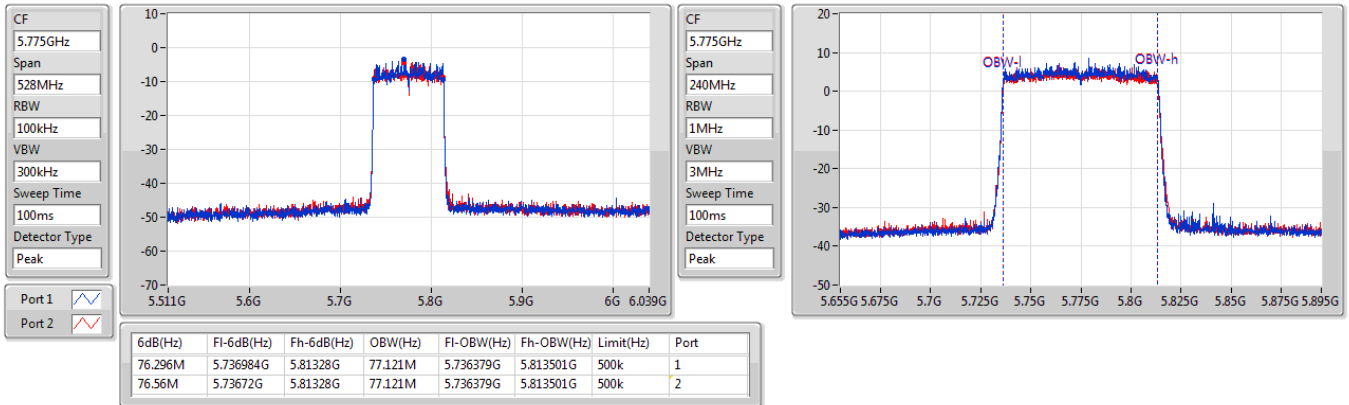




5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

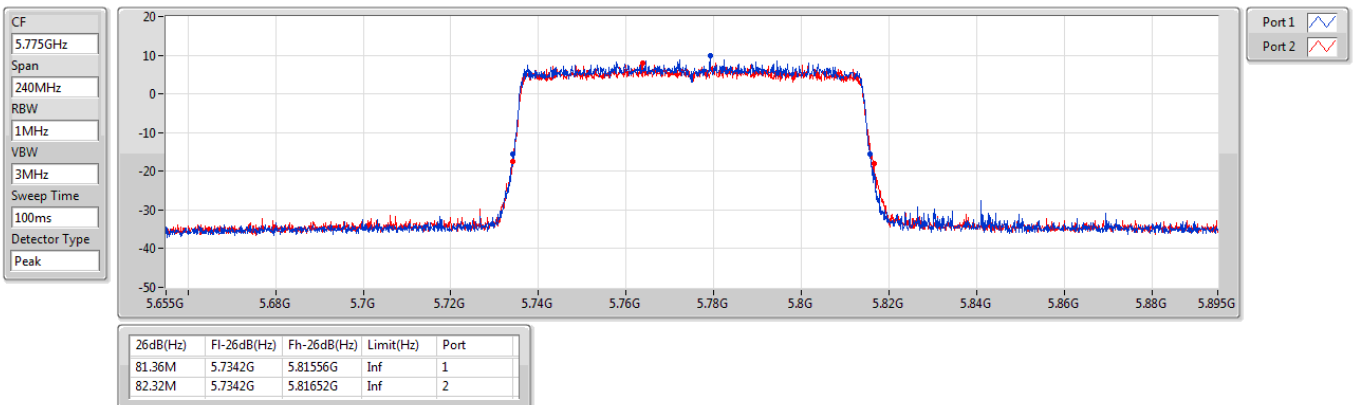
5775MHz



5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5775MHz



**Non-beamforming mode****Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	13.55	0.02265	17.95	0.06237
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	15.06	0.03206	19.46	0.08831
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	17.30	0.05370	21.70	0.14791
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	12.81	0.01910	17.21	0.05260
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	17.79	0.06012	22.19	0.16558
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	18.02	0.06339	22.42	0.17458
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	18.28	0.06730	22.68	0.18535
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	8.49	0.00706	12.89	0.01945
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.21	0.10495	24.61	0.28907
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	21.67	0.14689	26.07	0.40458
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	19.83	0.09616	24.23	0.26485
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	17.98	0.06281	22.38	0.17298
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.50	0.14125	25.90	0.38905
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	21.57	0.14355	25.97	0.39537
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	20.24	0.10568	24.64	0.29107
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	16.71	0.04688	21.11	0.12912



Conducted Output Power(Average) - SC Module

Appendix B.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.40	10.45	10.62	13.55	Inf	17.95	22.21
5200MHz	Pass	4.40	10.05	10.46	13.27	Inf	17.67	22.21
5240MHz	Pass	4.40	9.61	10.36	13.01	Inf	17.41	22.20
5260MHz	Pass	4.40	14.53	15.02	17.79	23.21	22.19	29.21
5300MHz	Pass	4.40	14.22	15.15	17.72	23.21	22.12	29.21
5320MHz	Pass	4.40	12.71	12.95	15.84	23.21	20.24	29.21
5500MHz	Pass	4.40	12.93	13.82	16.41	23.21	20.81	29.21
5580MHz	Pass	4.40	16.79	17.57	20.21	23.24	24.61	29.24
5700MHz	Pass	4.40	10.28	11.91	14.18	23.21	18.58	29.21
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	16.21	16.93	19.60	22.28	24.00	28.28
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	8.57	9.35	11.99	30.00	16.39	36.00
5745MHz	Pass	4.40	17.79	19.05	21.48	30.00	25.88	36.00
5785MHz	Pass	4.40	17.8	19.09	21.50	30.00	25.90	36.00
5825MHz	Pass	4.40	17.83	19.03	21.48	30.00	25.88	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
5180MHz	Pass	4.40	11.55	11.42	14.50	Inf	18.90	22.80
5200MHz	Pass	4.40	11.83	12.25	15.06	Inf	19.46	22.80
5240MHz	Pass	4.40	11.71	12.16	14.95	Inf	19.35	22.79
5260MHz	Pass	4.40	14.63	15.35	18.02	23.81	22.42	29.81
5300MHz	Pass	4.40	14.56	15.07	17.83	23.80	22.23	29.80
5320MHz	Pass	4.40	10.93	10.74	13.85	23.80	18.25	29.80
5500MHz	Pass	4.40	11.43	11.42	14.44	23.80	18.84	29.80
5580MHz	Pass	4.40	18.69	18.63	21.67	23.89	26.07	29.89
5700MHz	Pass	4.40	5.55	5.64	8.61	23.80	13.01	29.80
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	17.04	17.35	20.21	22.68	24.61	28.68
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	11.71	12.05	14.89	30.00	19.29	36.00
5745MHz	Pass	4.40	18.51	18.6	21.57	30.00	25.97	36.00
5785MHz	Pass	4.40	18.45	18.57	21.52	30.00	25.92	36.00
5825MHz	Pass	4.40	18.42	18.52	21.48	30.00	25.88	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
5190MHz	Pass	4.40	8.71	8.75	11.74	Inf	16.14	23.00
5230MHz	Pass	4.40	14.02	14.55	17.30	Inf	21.70	23.00
5270MHz	Pass	4.40	15.33	15.21	18.28	24.00	22.68	30.00
5310MHz	Pass	4.40	6.35	6.08	9.23	24.00	13.63	30.00
5510MHz	Pass	4.40	4.45	4.37	7.42	24.00	11.82	30.00
5550MHz	Pass	4.40	15.01	15.21	18.12	24.00	22.52	30.00
5670MHz	Pass	4.40	10.87	10.7	13.80	24.00	18.20	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.40	16.69	16.95	19.83	24.00	24.23	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.40	6.54	6.87	9.72	30.00	14.12	36.00

**Conducted Output Power(Average) - SC Module****Appendix B.1**

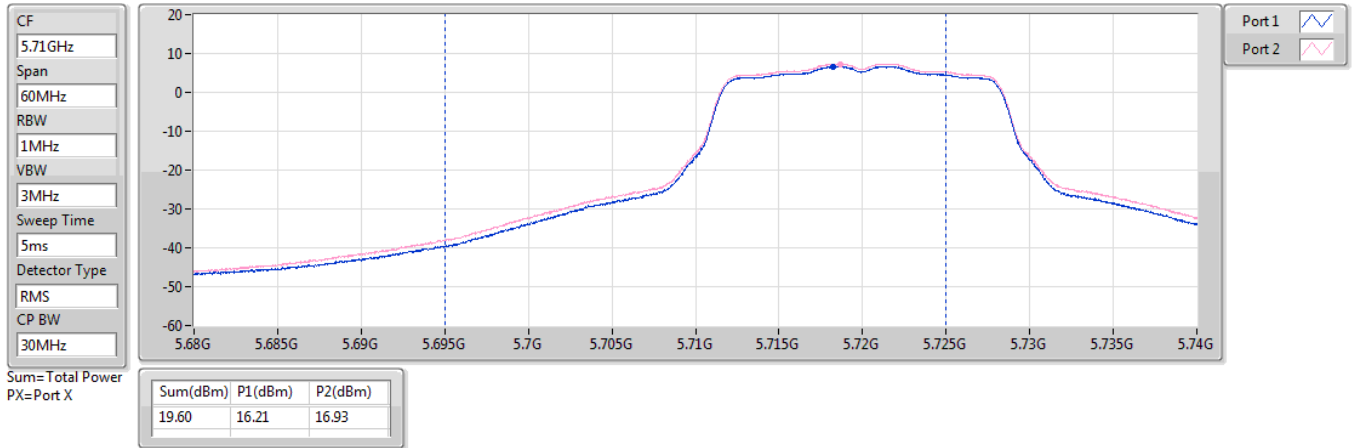
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5755MHz	Pass	4.40	14.92	15.33	18.14	30.00	22.54	36.00
5795MHz	Pass	4.40	17.01	17.44	20.24	30.00	24.64	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
5210MHz	Pass	4.40	9.88	9.72	12.81	Inf	17.21	23.00
5290MHz	Pass	4.40	5.65	5.31	8.49	24.00	12.89	30.00
5530MHz	Pass	4.40	6.7	5.82	9.29	24.00	13.69	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.40	15.04	14.89	17.98	24.00	22.38	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.40	1.35	1.16	4.27	30.00	8.67	36.00
5775MHz	Pass	4.40	13.68	13.72	16.71	30.00	21.11	36.00

DG = Directional Gain; Port X = Port X output power

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

AV Power

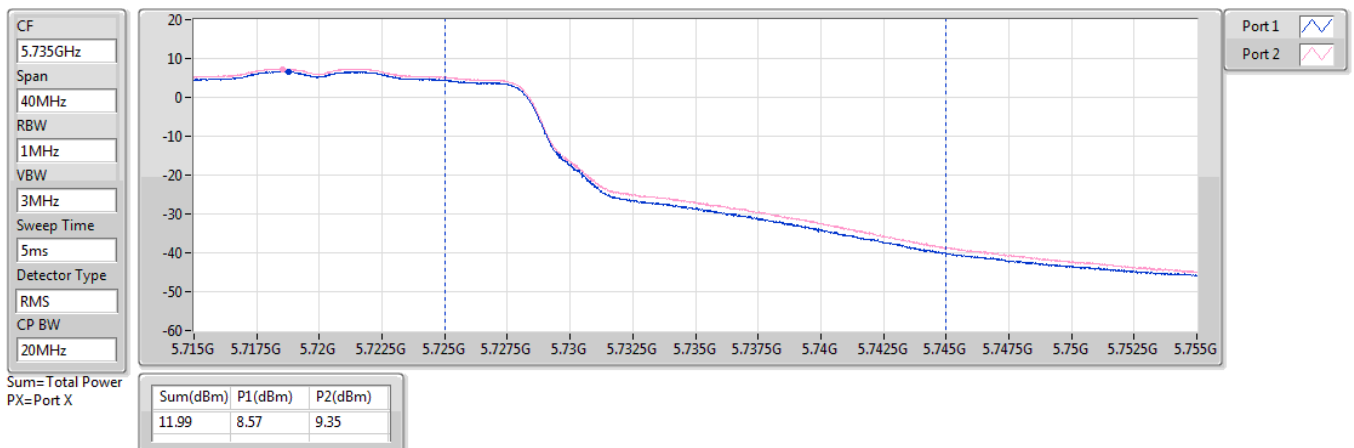
5720MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

AV Power

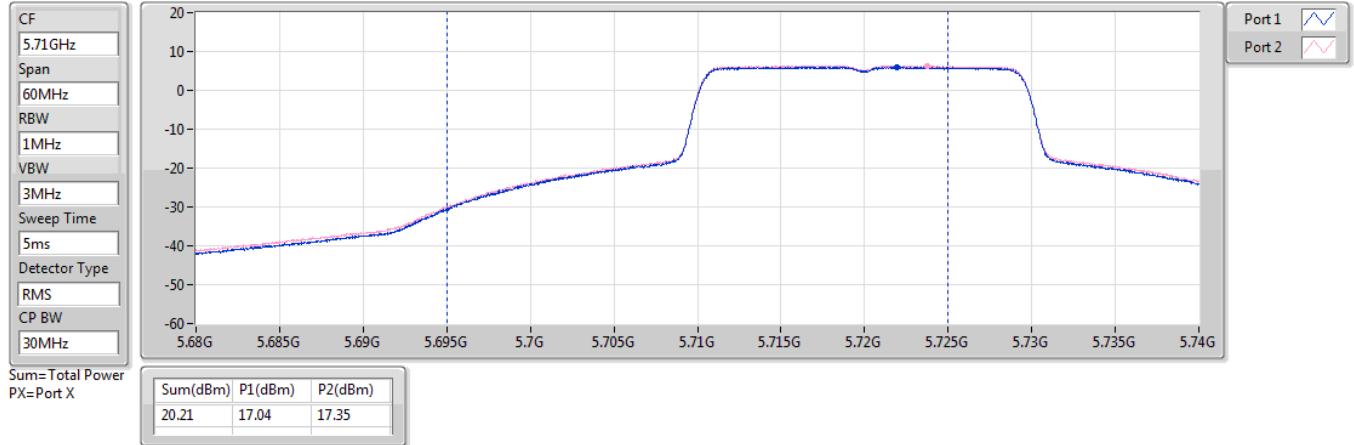
5720MHz Straddle 5.725-5.85GHz_TX



5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

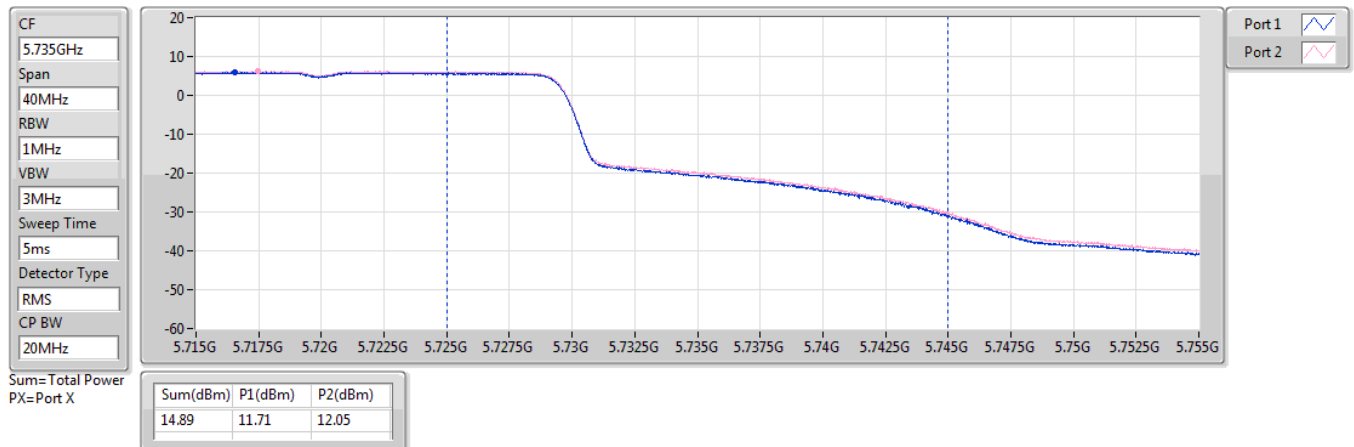
5720MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

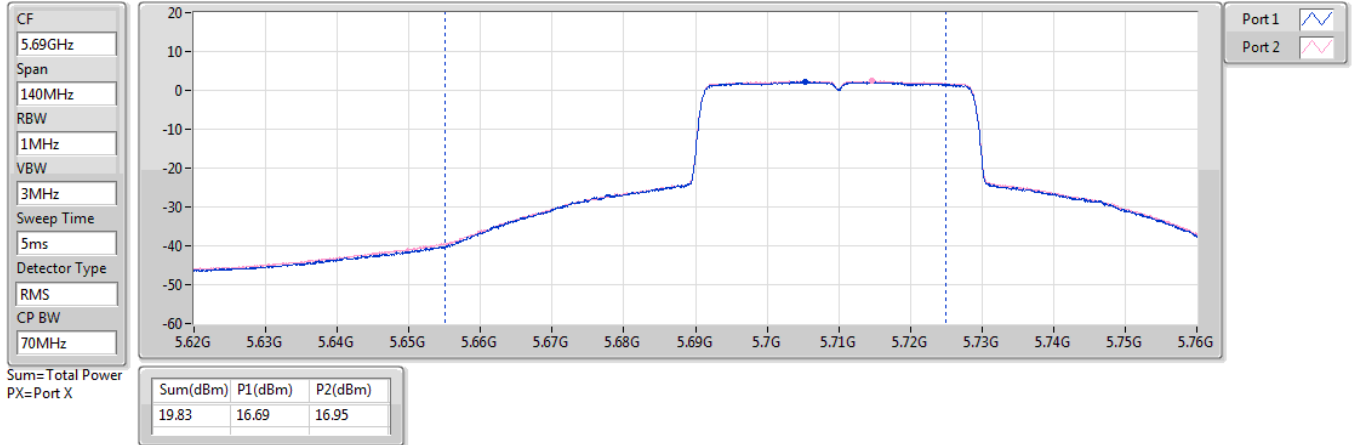
5720MHz Straddle 5.725-5.85GHz_TX



5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

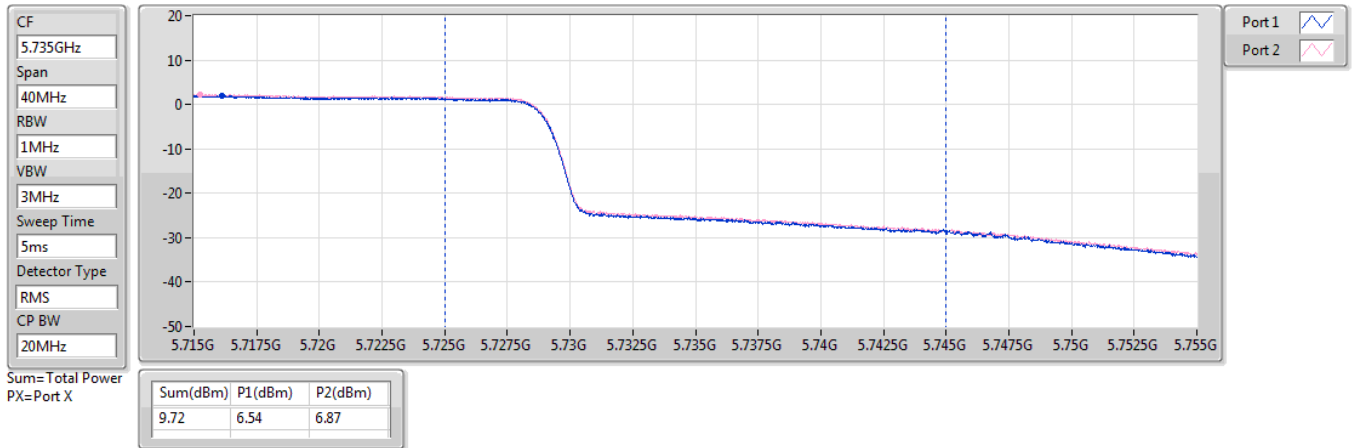
5710MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

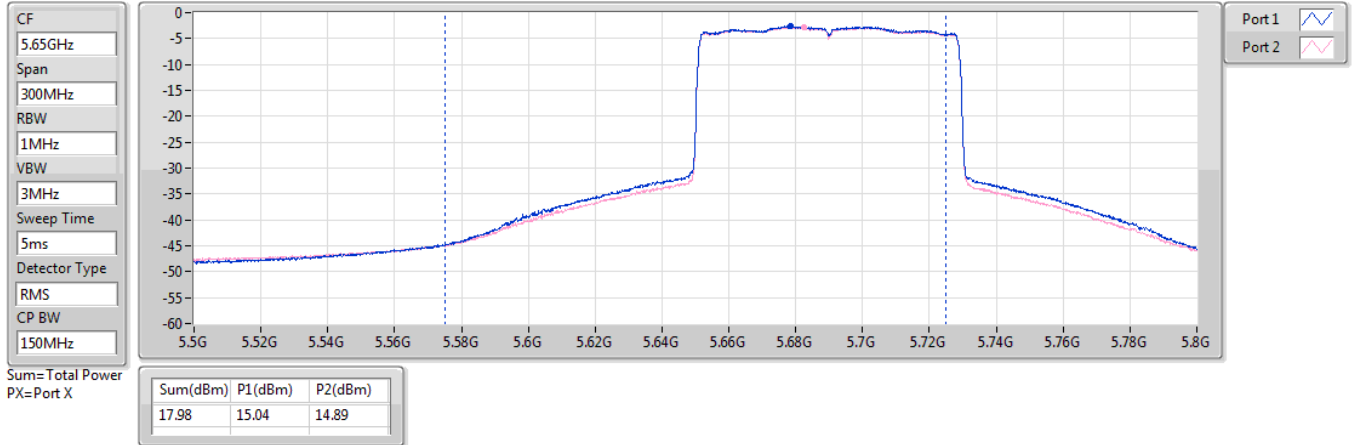
5710MHz Straddle 5.725-5.85GHz_TX



5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

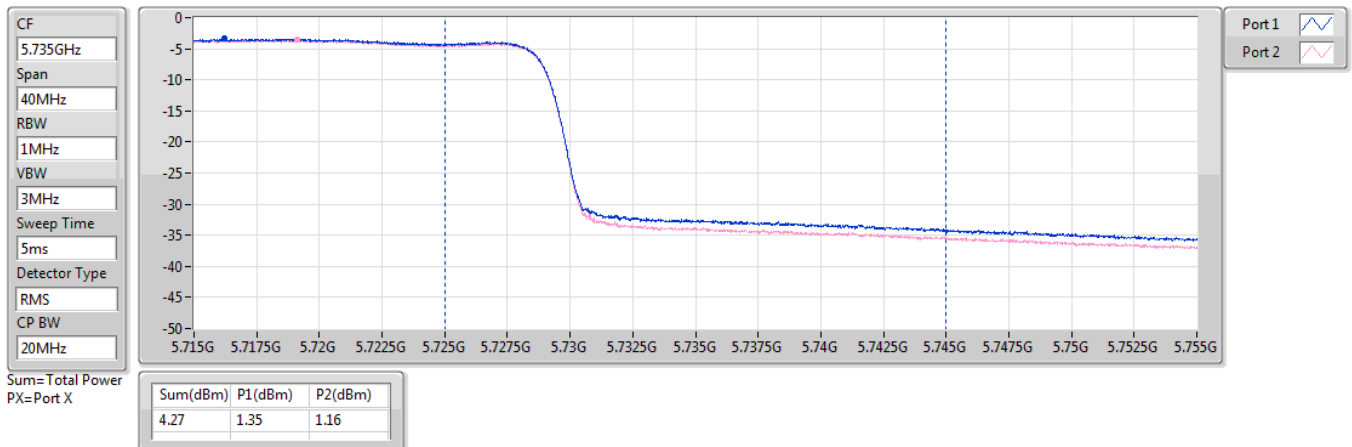
5690MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX



**Beamforming mode****Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX-OFDMA	12.05	0.01603	19.46	0.08831
802.11ax HEW40-BF_Nss1,(MCS0)_2TX-OFDMA	14.29	0.02685	21.70	0.14791
802.11ax HEW80-BF_Nss1,(MCS0)_2TX-OFDMA	9.80	0.00955	17.21	0.05260
5.25-5.35GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX-OFDMA	15.01	0.03170	22.42	0.17458
802.11ax HEW40-BF_Nss1,(MCS0)_2TX-OFDMA	15.27	0.03365	22.68	0.18535
802.11ax HEW80-BF_Nss1,(MCS0)_2TX-OFDMA	5.48	0.00353	12.89	0.01945
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX-OFDMA	18.66	0.07345	26.07	0.40458
802.11ax HEW40-BF_Nss1,(MCS0)_2TX-OFDMA	16.82	0.04808	24.23	0.26485
802.11ax HEW80-BF_Nss1,(MCS0)_2TX-OFDMA	14.97	0.03141	22.38	0.17298
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX-OFDMA	18.56	0.07178	25.97	0.39537
802.11ax HEW40-BF_Nss1,(MCS0)_2TX-OFDMA	17.23	0.05284	24.64	0.29107
802.11ax HEW80-BF_Nss1,(MCS0)_2TX-OFDMA	13.70	0.02344	21.11	0.12912



Conducted Output Power(Average) - SC Module

Appendix B.2

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
5180MHz	Pass	7.41	8.54	8.41	11.49	Inf	18.90	22.80
5200MHz	Pass	7.41	8.82	9.24	12.05	Inf	19.46	22.80
5240MHz	Pass	7.41	8.7	9.15	11.94	Inf	19.35	22.79
5260MHz	Pass	7.41	11.62	12.34	15.01	22.40	22.42	29.81
5300MHz	Pass	7.41	11.55	12.06	14.82	22.39	22.23	29.80
5320MHz	Pass	7.41	7.92	7.73	10.84	22.39	18.25	29.80
5500MHz	Pass	7.41	8.42	8.41	11.43	22.39	18.84	29.80
5580MHz	Pass	7.41	15.68	15.62	18.66	22.48	26.07	29.89
5700MHz	Pass	7.41	2.54	2.63	5.60	22.39	13.01	29.80
5720MHz Straddle 5.47-5.725GHz	Pass	7.41	14.03	14.34	17.20	21.27	24.61	28.68
5720MHz Straddle 5.725-5.85GHz	Pass	7.41	8.7	9.04	11.88	28.59	19.29	36.00
5745MHz	Pass	7.41	15.5	15.59	18.56	28.59	25.97	36.00
5785MHz	Pass	7.41	15.44	15.56	18.51	28.59	25.92	36.00
5825MHz	Pass	7.41	15.41	15.51	18.47	28.59	25.88	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
5190MHz	Pass	7.41	5.7	5.74	8.73	Inf	16.14	23.00
5230MHz	Pass	7.41	11.01	11.54	14.29	Inf	21.70	23.00
5270MHz	Pass	7.41	12.32	12.2	15.27	22.59	22.68	30.00
5310MHz	Pass	7.41	3.34	3.07	6.22	22.59	13.63	30.00
5510MHz	Pass	7.41	1.44	1.36	4.41	22.59	11.82	30.00
5550MHz	Pass	7.41	12	12.2	15.11	22.59	22.52	30.00
5670MHz	Pass	7.41	7.86	7.69	10.79	22.59	18.20	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	7.41	13.68	13.94	16.82	22.59	24.23	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	7.41	3.53	3.86	6.71	28.59	14.12	36.00
5755MHz	Pass	7.41	11.91	12.32	15.13	28.59	22.54	36.00
5795MHz	Pass	7.41	14	14.43	17.23	28.59	24.64	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
5210MHz	Pass	7.41	6.87	6.71	9.80	Inf	17.21	23.00
5290MHz	Pass	7.41	2.64	2.3	5.48	22.59	12.89	30.00
5530MHz	Pass	7.41	3.69	2.81	6.28	22.59	13.69	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.41	12.03	11.88	14.97	22.59	22.38	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.41	-1.66	-1.85	1.26	28.59	8.67	36.00
5775MHz	Pass	7.41	10.67	10.71	13.70	28.59	21.11	36.00

DG = Directional Gain; Port X = Port X output power

Remarks:

For 5180~5240MHz:

Directional gain = $4.4 + 10 \cdot \log(2/1) = 7.41$ dBi

For 5260~5320MHz/5500~5720MHz:

Directional gain = $4.4 + 10 \cdot \log(2/1) = 7.41$ dBi > 6dBi, so the limit shall be reduced 1.41 dB

For 5745~5825MHz:

Directional gain = $4.4 + 10 \cdot \log(2/1) = 7.41$ dBi > 6dBi, so the limit shall be reduced to 30 dBm – (7.41dBi – 6dBi) = 28.59 dBm

**Non-beamforming mode****Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	13.53	0.02254	17.93	0.06209
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	15.01	0.03170	19.41	0.08730
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	17.24	0.05297	21.64	0.14588
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	12.61	0.01824	17.01	0.05023
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	17.77	0.05984	22.17	0.16482
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	17.87	0.06124	22.27	0.16866
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	17.95	0.06237	22.35	0.17179
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	8.48	0.00705	12.88	0.01941
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.94	0.09863	24.34	0.27164
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	21.30	0.13490	25.70	0.37154
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	19.76	0.09462	24.16	0.26062
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	17.59	0.05741	21.99	0.15812
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.03	0.12677	25.43	0.34914
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	21.53	0.14223	25.93	0.39174
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	20.16	0.10375	24.56	0.28576
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	16.58	0.04550	20.98	0.12531

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.40	10.05	10.94	13.53	Inf	17.93	22.21
5200MHz	Pass	4.40	9.75	10.44	13.12	Inf	17.52	22.21
5240MHz	Pass	4.40	9.54	10.15	12.87	Inf	17.27	22.20
5260MHz	Pass	4.40	14.81	14.71	17.77	23.21	22.17	29.21
5300MHz	Pass	4.40	14.48	14.69	17.60	23.21	22.00	29.21
5320MHz	Pass	4.40	12.84	12.79	15.83	23.21	20.23	29.21
5500MHz	Pass	4.40	13.39	13.37	16.39	23.21	20.79	29.21
5580MHz	Pass	4.40	16.93	16.92	19.94	23.24	24.34	29.24
5700MHz	Pass	4.40	10.81	10.95	13.89	23.21	18.29	29.21
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	16.19	16.65	19.44	22.28	23.84	28.28
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	8.44	9.14	11.81	30.00	16.21	36.00
5745MHz	Pass	4.40	17.71	18.31	21.03	30.00	25.43	36.00
5785MHz	Pass	4.40	17.7	18.3	21.02	30.00	25.42	36.00
5825MHz	Pass	4.40	17.62	18.32	20.99	30.00	25.39	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
5180MHz	Pass	4.40	11.23	11.35	14.30	Inf	18.70	22.80
5200MHz	Pass	4.40	12.05	11.95	15.01	Inf	19.41	22.80
5240MHz	Pass	4.40	11.97	11.85	14.92	Inf	19.32	22.79
5260MHz	Pass	4.40	14.75	14.96	17.87	23.81	22.27	29.81
5300MHz	Pass	4.40	14.71	14.79	17.76	23.80	22.16	29.80
5320MHz	Pass	4.40	10.21	10.49	13.36	23.80	17.76	29.80
5500MHz	Pass	4.40	10.91	11.15	14.04	23.80	18.44	29.80
5580MHz	Pass	4.40	18.24	18.33	21.30	23.89	25.70	29.89
5700MHz	Pass	4.40	5.18	5.65	8.43	23.80	12.83	29.80
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	16.73	17.28	20.02	22.68	24.42	28.68
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	11.47	12.07	14.79	30.00	19.19	36.00
5745MHz	Pass	4.40	18.28	18.75	21.53	30.00	25.93	36.00
5785MHz	Pass	4.40	18.26	18.54	21.41	30.00	25.81	36.00
5825MHz	Pass	4.40	18.3	18.52	21.42	30.00	25.82	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
5190MHz	Pass	4.40	8.65	8.77	11.72	Inf	16.12	23.00
5230MHz	Pass	4.40	14.16	14.29	17.24	Inf	21.64	23.00
5270MHz	Pass	4.40	14.86	15.02	17.95	24.00	22.35	30.00
5310MHz	Pass	4.40	6.02	6.11	9.08	24.00	13.48	30.00
5510MHz	Pass	4.40	3.91	3.99	6.96	24.00	11.36	30.00
5550MHz	Pass	4.40	15.01	15.11	18.07	24.00	22.47	30.00
5670MHz	Pass	4.40	10.35	10.37	13.37	24.00	17.77	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.40	16.47	17.01	19.76	24.00	24.16	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.40	6.23	6.82	9.55	30.00	13.95	36.00

**Conducted Output Power(Average) - ST M.2, PCIe Module****Appendix B.3**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5755MHz	Pass	4.40	15.01	15.12	18.08	30.00	22.48	36.00
5795MHz	Pass	4.40	17.05	17.25	20.16	30.00	24.56	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
5210MHz	Pass	4.40	9.55	9.64	12.61	Inf	17.01	23.00
5290MHz	Pass	4.40	5.41	5.52	8.48	24.00	12.88	30.00
5530MHz	Pass	4.40	6.03	6.11	9.08	24.00	13.48	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.40	14.18	14.95	17.59	24.00	21.99	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.40	0.12	1.36	3.79	30.00	8.19	36.00
5775MHz	Pass	4.40	13.68	13.45	16.58	30.00	20.98	36.00

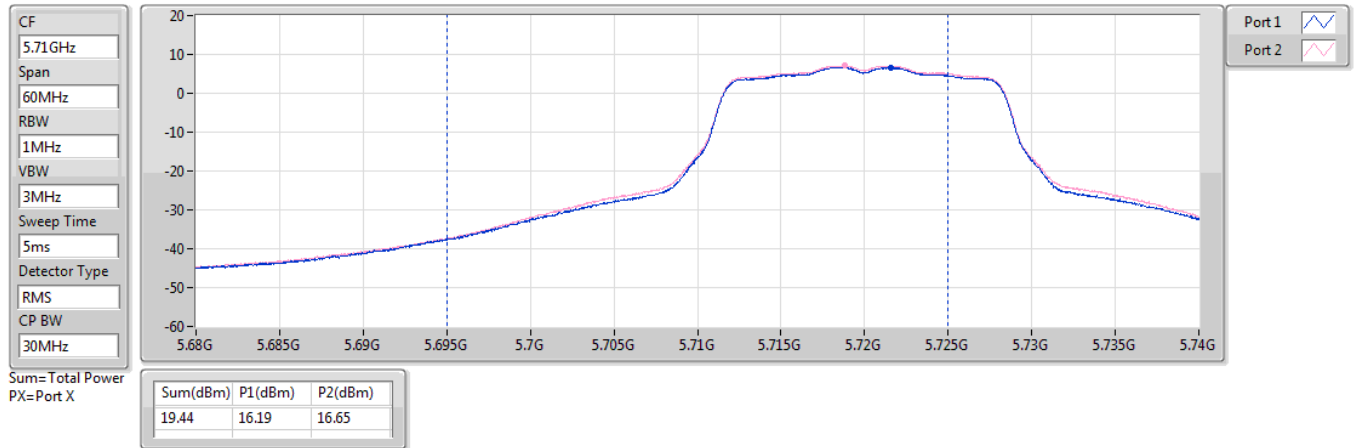
DG = Directional Gain; Port X = Port X output power



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

AV Power

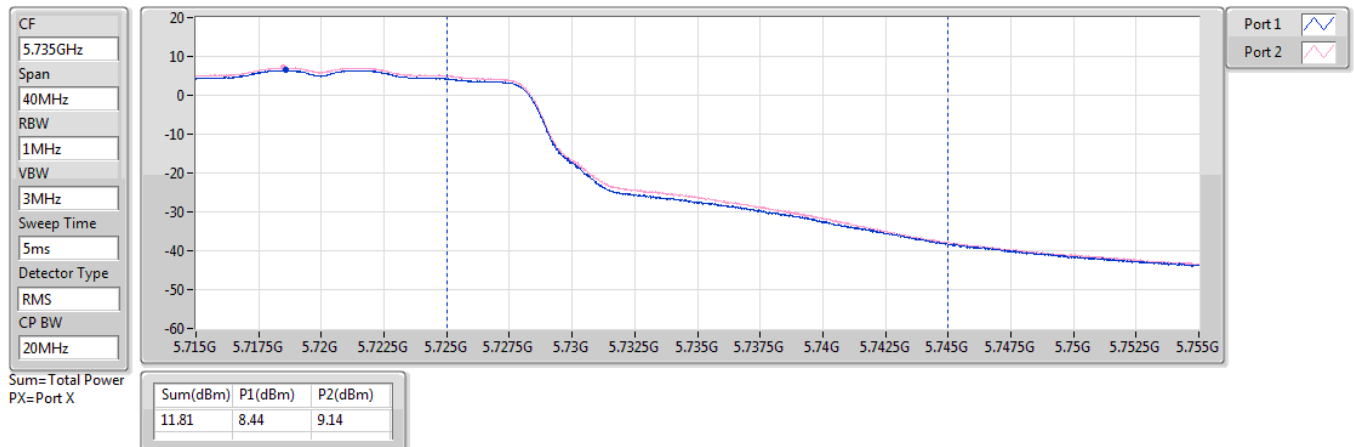
5720MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

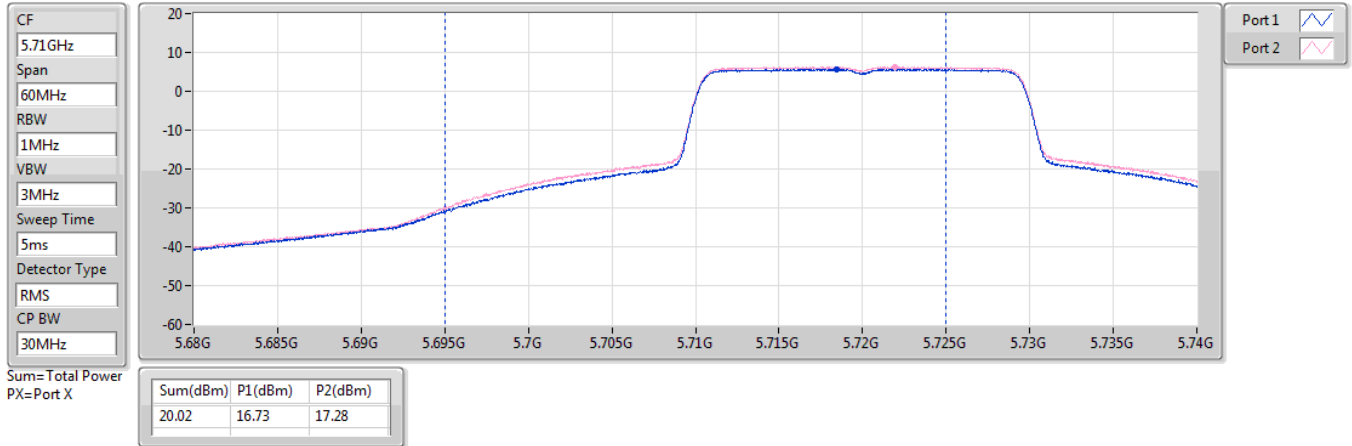




5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

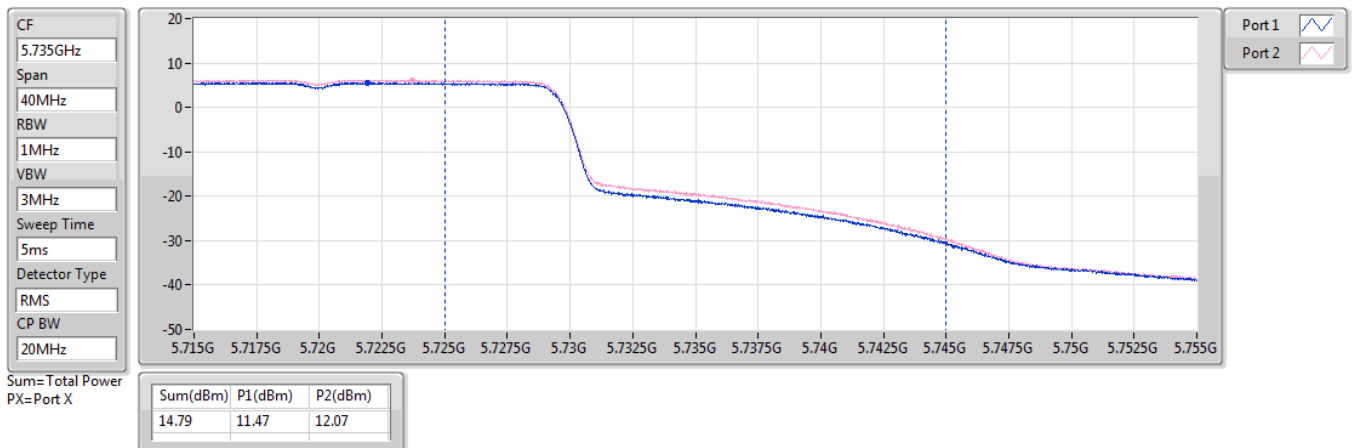
5720MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

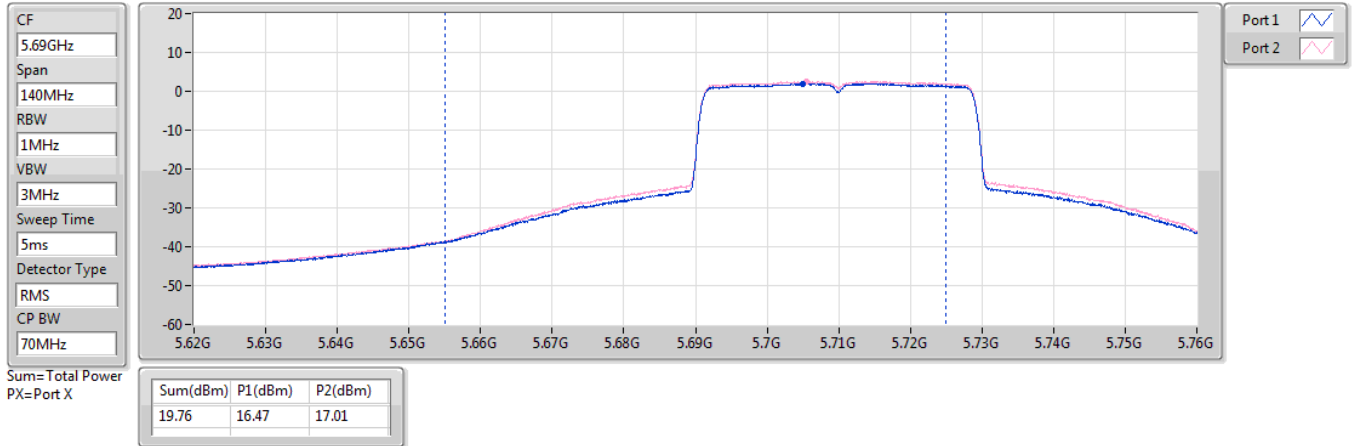




5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

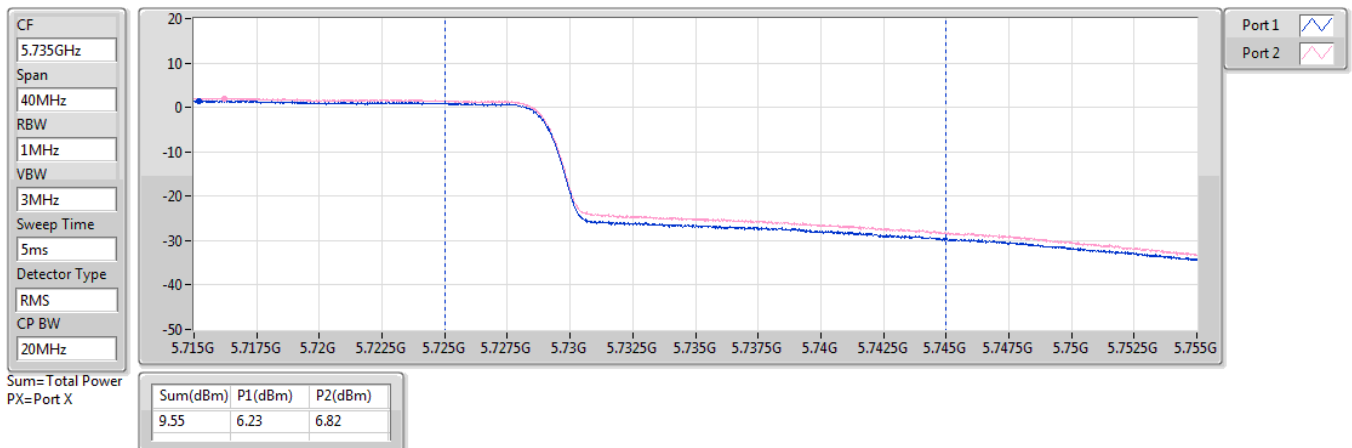
5710MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

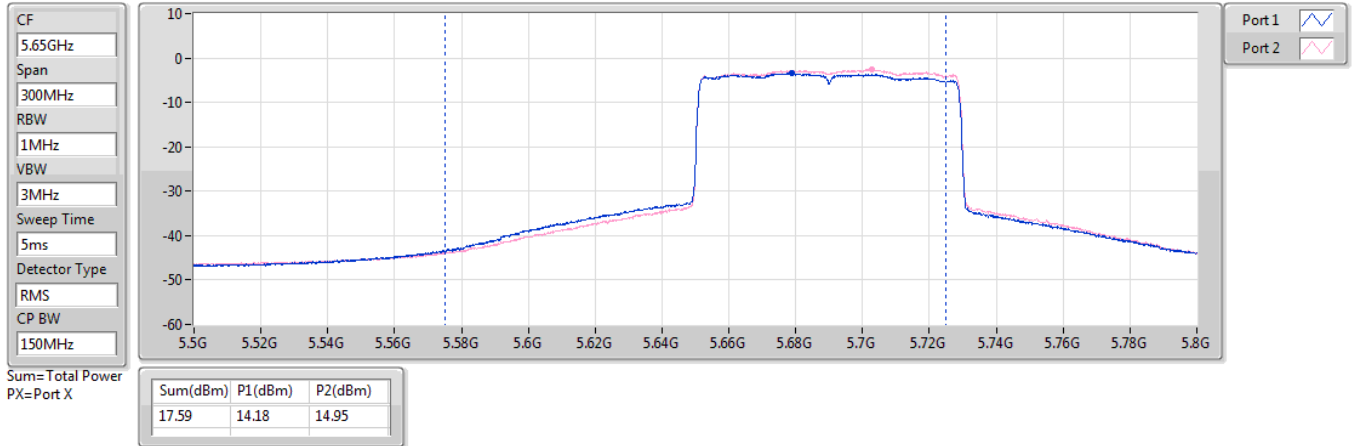




5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

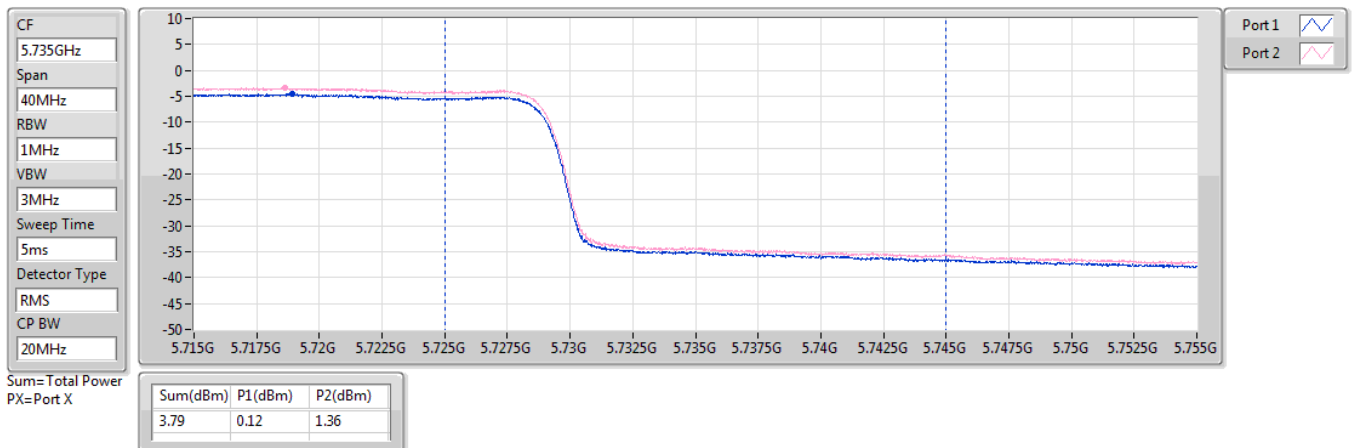
5690MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX



**Beamforming mode****Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX-OFDMA	12.00	0.01585	19.41	0.08730
802.11ax HEW40-BF_Nss1,(MCS0)_2TX-OFDMA	14.23	0.02649	21.64	0.14588
802.11ax HEW80-BF_Nss1,(MCS0)_2TX-OFDMA	9.60	0.00912	17.01	0.05023
5.25-5.35GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX-OFDMA	14.86	0.03062	22.27	0.16866
802.11ax HEW40-BF_Nss1,(MCS0)_2TX-OFDMA	14.94	0.03119	22.35	0.17179
802.11ax HEW80-BF_Nss1,(MCS0)_2TX-OFDMA	5.47	0.00352	12.88	0.01941
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX-OFDMA	18.29	0.06745	25.70	0.37154
802.11ax HEW40-BF_Nss1,(MCS0)_2TX-OFDMA	16.75	0.04732	24.16	0.26062
802.11ax HEW80-BF_Nss1,(MCS0)_2TX-OFDMA	14.58	0.02871	21.99	0.15812
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX-OFDMA	18.52	0.07112	25.93	0.39174
802.11ax HEW40-BF_Nss1,(MCS0)_2TX-OFDMA	17.15	0.05188	24.56	0.28576
802.11ax HEW80-BF_Nss1,(MCS0)_2TX-OFDMA	13.57	0.02275	20.98	0.12531



Conducted Output Power(Average) - ST M.2, PCIe Module

Appendix B.4

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
5180MHz	Pass	7.41	8.22	8.34	11.29	Inf	18.70	22.80
5200MHz	Pass	7.41	9.04	8.94	12.00	Inf	19.41	22.80
5240MHz	Pass	7.41	8.96	8.84	11.91	Inf	19.32	22.79
5260MHz	Pass	7.41	11.74	11.95	14.86	22.40	22.27	29.81
5300MHz	Pass	7.41	11.7	11.78	14.75	22.39	22.16	29.80
5320MHz	Pass	7.41	7.2	7.48	10.35	22.39	17.76	29.80
5500MHz	Pass	7.41	7.9	8.14	11.03	22.39	18.44	29.80
5580MHz	Pass	7.41	15.23	15.32	18.29	22.48	25.70	29.89
5700MHz	Pass	7.41	2.17	2.64	5.42	22.39	12.83	29.80
5720MHz Straddle 5.47-5.725GHz	Pass	7.41	13.72	14.27	17.01	21.27	24.42	28.68
5720MHz Straddle 5.725-5.85GHz	Pass	7.41	8.46	9.06	11.78	28.59	19.19	36.00
5745MHz	Pass	7.41	15.27	15.74	18.52	28.59	25.93	36.00
5785MHz	Pass	7.41	15.25	15.53	18.40	28.59	25.81	36.00
5825MHz	Pass	7.41	15.29	15.51	18.41	28.59	25.82	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
5190MHz	Pass	7.41	5.64	5.76	8.71	Inf	16.12	23.00
5230MHz	Pass	7.41	11.15	11.28	14.23	Inf	21.64	23.00
5270MHz	Pass	7.41	11.85	12.01	14.94	22.59	22.35	30.00
5310MHz	Pass	7.41	3.01	3.1	6.07	22.59	13.48	30.00
5510MHz	Pass	7.41	0.9	0.98	3.95	22.59	11.36	30.00
5550MHz	Pass	7.41	12	12.1	15.06	22.59	22.47	30.00
5670MHz	Pass	7.41	7.34	7.36	10.36	22.59	17.77	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	7.41	13.46	14	16.75	22.59	24.16	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	7.41	3.22	3.81	6.54	28.59	13.95	36.00
5755MHz	Pass	7.41	12	12.11	15.07	28.59	22.48	36.00
5795MHz	Pass	7.41	14.04	14.24	17.15	28.59	24.56	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
5210MHz	Pass	7.41	6.54	6.63	9.60	Inf	17.01	23.00
5290MHz	Pass	7.41	2.4	2.51	5.47	22.59	12.88	30.00
5530MHz	Pass	7.41	3.02	3.1	6.07	22.59	13.48	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.41	11.17	11.94	14.58	22.59	21.99	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.41	-2.89	-1.65	0.78	28.59	8.19	36.00
5775MHz	Pass	7.41	10.67	10.44	13.57	28.59	20.98	36.00

DG = Directional Gain; Port X = Port X output power

Remarks:

For 5180~5240MHz:

Directional gain = $4.4 + 10 \cdot \log(2/1) = 7.41$ dBi

For 5260~5320MHz/5500~5720MHz:

Directional gain = $4.4 + 10 \cdot \log(2/1) = 7.41$ dBi > 6dBi, so the limit shall be reduced 1.41 dB

For 5745~5825MHz:

Directional gain = $4.4 + 10 \cdot \log(2/1) = 7.41$ dBi > 6dBi, so the limit shall be reduced to 30 dBm – (7.41dBi – 6dBi) = 28.59 dBm

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	1.89	9.30
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	1.70	9.11
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	1.45	8.86
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	-5.78	1.63
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	6.37	13.78
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	4.30	11.71
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	2.32	9.73
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	-10.09	-2.68
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.75	16.16
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	8.02	15.43
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	4.12	11.53
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	-1.13	6.28
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.30	15.71
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	7.13	14.54
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	2.71	10.12
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	-4.15	3.26

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.41	-1.22	-0.90	1.89	Inf	9.30	10.00
5200MHz	Pass	7.41	-1.39	-0.99	1.73	Inf	9.14	10.00
5240MHz	Pass	7.41	-1.75	-1.07	1.50	Inf	8.91	10.00
5260MHz	Pass	7.41	3.10	3.69	6.37	9.59	13.78	17.00
5300MHz	Pass	7.41	3.00	3.85	6.30	9.59	13.71	17.00
5320MHz	Pass	7.41	1.35	1.58	4.40	9.59	11.81	17.00
5500MHz	Pass	7.41	1.81	2.11	4.90	9.59	12.31	17.00
5580MHz	Pass	7.41	5.42	6.29	8.75	9.59	16.16	17.00
5700MHz	Pass	7.41	-0.39	-0.40	2.47	9.59	9.88	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.41	5.48	6.08	8.72	9.59	16.13	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	7.41	2.00	2.07	5.02	28.59	12.43	36.00
5745MHz	Pass	7.41	5.07	5.66	8.30	28.59	15.71	36.00
5785MHz	Pass	7.41	5.00	5.74	8.28	28.59	15.69	36.00
5825MHz	Pass	7.41	4.82	5.72	8.24	28.59	15.65	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
5180MHz	Pass	7.41	-1.78	-1.18	1.48	Inf	8.89	10.00
5200MHz	Pass	7.41	-1.87	-0.66	1.70	Inf	9.11	10.00
5240MHz	Pass	7.41	-1.48	-0.88	1.69	Inf	9.10	10.00
5260MHz	Pass	7.41	0.03	1.95	4.03	9.59	11.44	17.00
5300MHz	Pass	7.41	1.21	1.70	4.30	9.59	11.71	17.00
5320MHz	Pass	7.41	-2.23	-1.63	0.93	9.59	8.34	17.00
5500MHz	Pass	7.41	-1.71	-1.07	1.52	9.59	8.93	17.00
5580MHz	Pass	7.41	5.11	5.09	8.02	9.59	15.43	17.00
5700MHz	Pass	7.41	-6.89	-6.63	-3.88	9.59	3.53	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.41	4.94	4.94	7.77	9.59	15.18	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	7.41	3.02	3.36	6.15	28.59	13.56	36.00
5745MHz	Pass	7.41	4.32	4.07	7.13	28.59	14.54	36.00
5785MHz	Pass	7.41	3.72	3.70	6.64	28.59	14.05	36.00
5825MHz	Pass	7.41	3.78	3.89	6.61	28.59	14.02	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
5190MHz	Pass	7.41	-6.58	-6.03	-3.36	Inf	4.05	10.00
5230MHz	Pass	7.41	-1.73	-1.14	1.45	Inf	8.86	10.00
5270MHz	Pass	7.41	-1.06	-0.27	2.32	9.59	9.73	17.00
5310MHz	Pass	7.41	-10.03	-9.34	-6.69	9.59	0.72	17.00
5510MHz	Pass	7.41	-10.88	-10.19	-7.64	9.59	-0.23	17.00
5550MHz	Pass	7.41	-0.97	-0.66	2.12	9.59	9.53	17.00
5670MHz	Pass	7.41	-5.16	-5.26	-2.25	9.59	5.16	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	7.41	1.11	1.25	4.12	9.59	11.53	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	7.41	-0.98	-0.79	2.08	28.59	9.49	36.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5755MHz	Pass	7.41	-2.30	-2.38	0.55	28.59	7.96	36.00
5795MHz	Pass	7.41	-0.00	-0.33	2.71	28.59	10.12	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
5210MHz	Pass	7.41	-8.95	-8.33	-5.78	Inf	1.63	10.00
5290MHz	Pass	7.41	-13.44	-12.71	-10.09	9.59	-2.68	17.00
5530MHz	Pass	7.41	-12.28	-11.84	-9.17	9.59	-1.76	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.41	-3.84	-4.21	-1.13	9.59	6.28	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.41	-6.79	-7.33	-4.15	28.59	3.26	36.00
5775MHz	Pass	7.41	-7.05	-7.49	-4.34	28.59	3.07	36.00

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

Remarks:

For 5180~5240MHz:

Directional gain = $4.4 + 10 \cdot \log(2/1) = 7.41$ dBi

For 5260~5320MHz/5500~5720MHz:

Directional gain = $4.4 + 10 \cdot \log(2/1) = 7.41$ dBi > 6dBi, so the limit shall be reduced to 11 dBm – (7.41dBi – 6dBi) 9.59 dBm

For 5745~5825MHz:

Directional gain = $4.4 + 10 \cdot \log(2/1) = 7.41$ dBi > 6dBi, so the limit shall be reduced to 30 dBm – (7.41dBi – 6dBi) =28.59 dBm

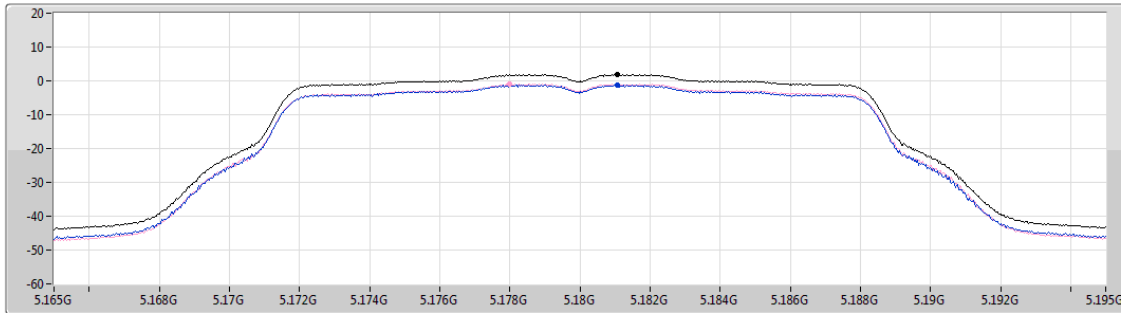


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

CF
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.89	1.89	-1.22	-0.90

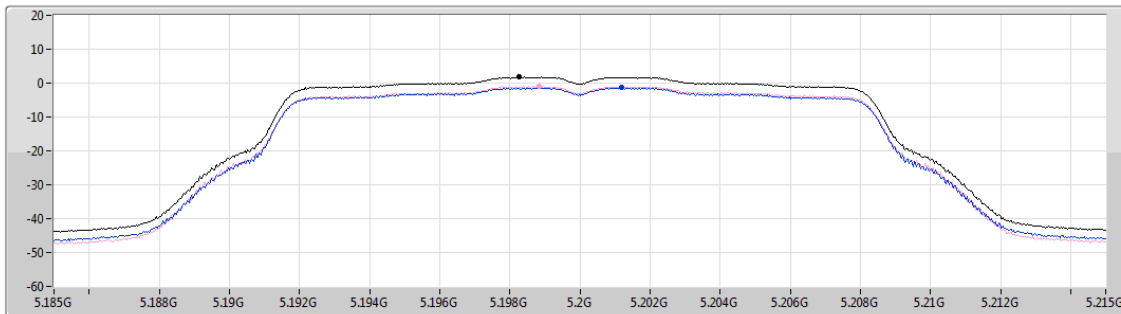
Sum
Port 1
Port 2

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

CF
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.73	1.73	-1.39	-0.99

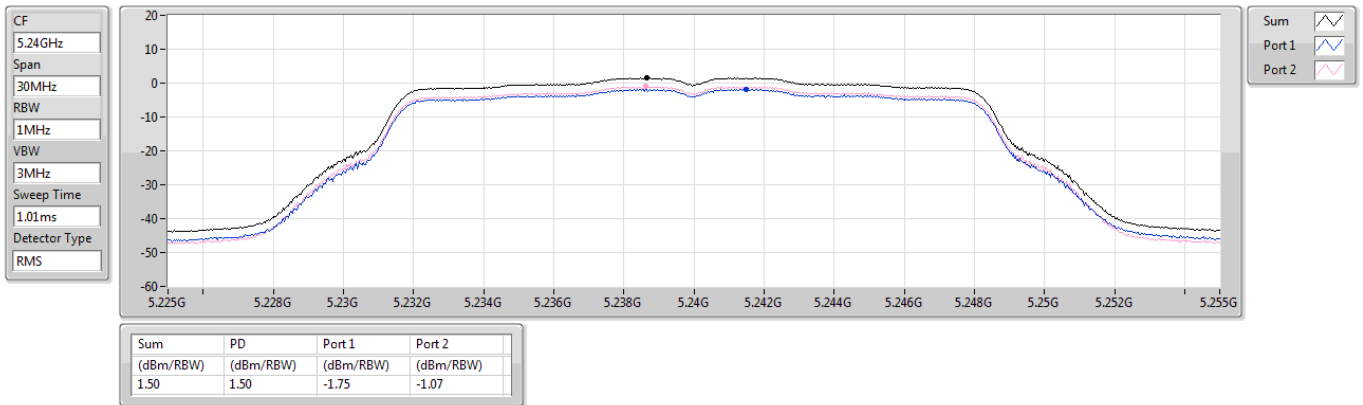
Sum
Port 1
Port 2



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

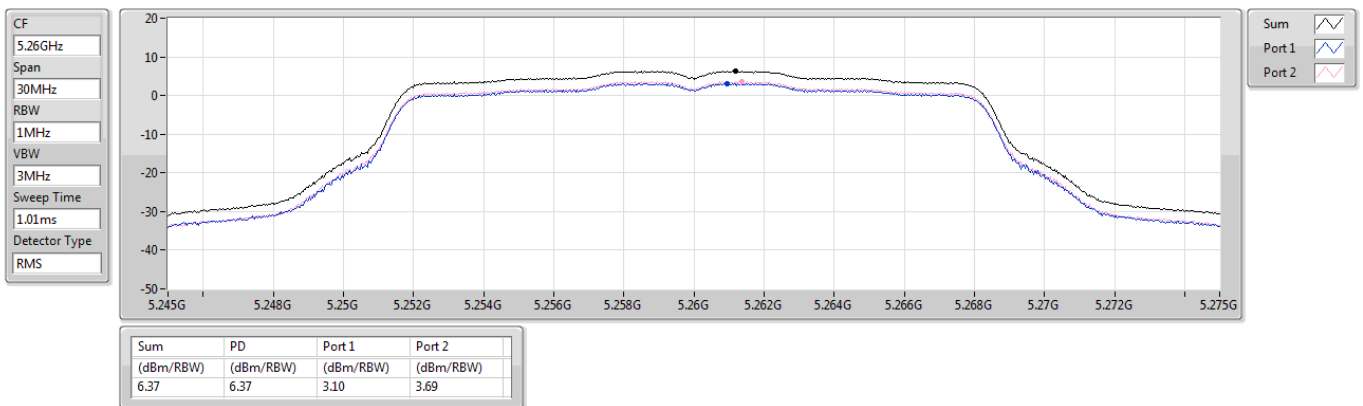
5240MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

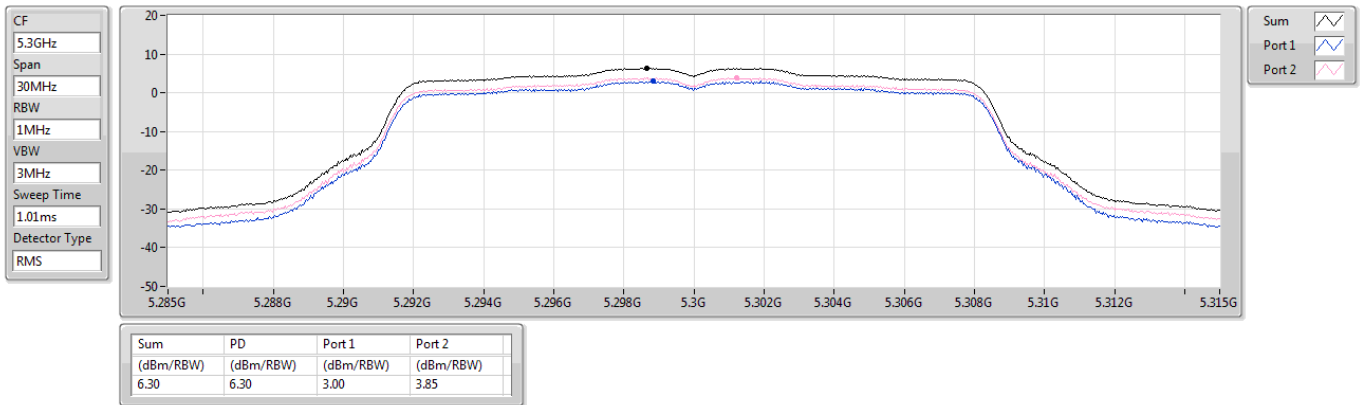
5260MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

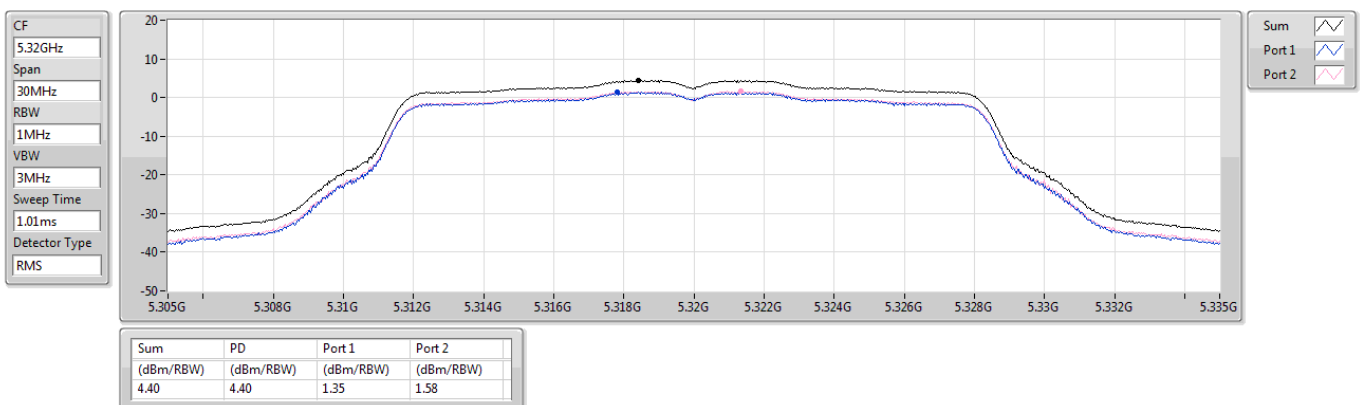
5300MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5320MHz

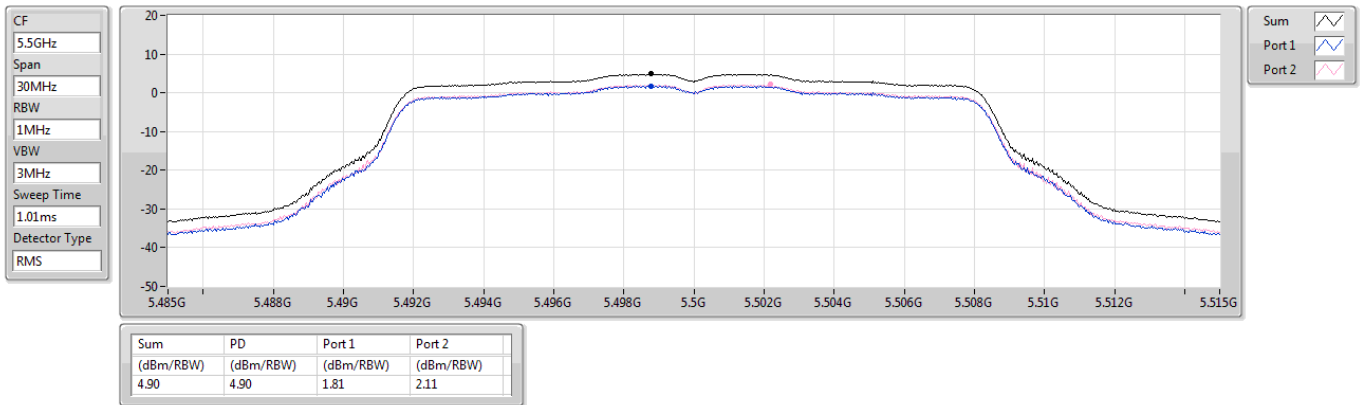




5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

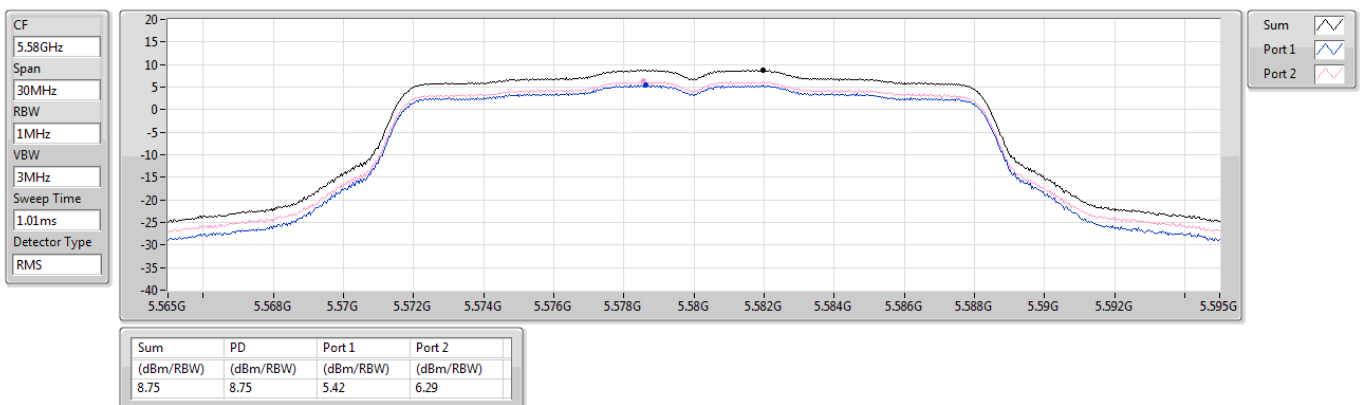
5500MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5580MHz

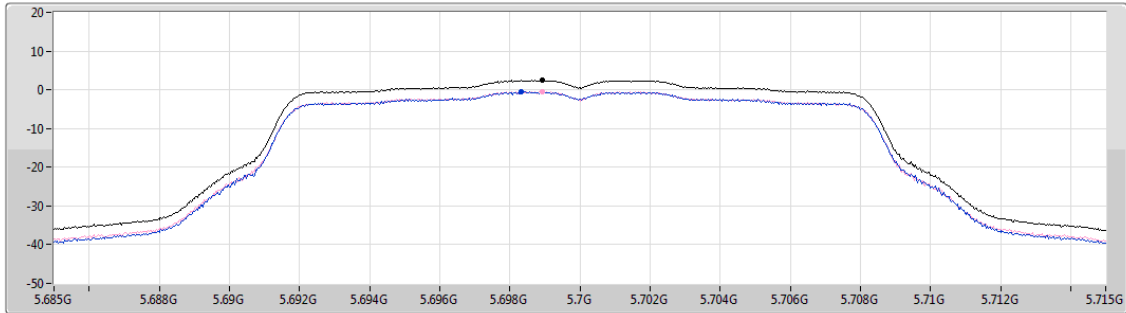


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5700MHz

CF
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



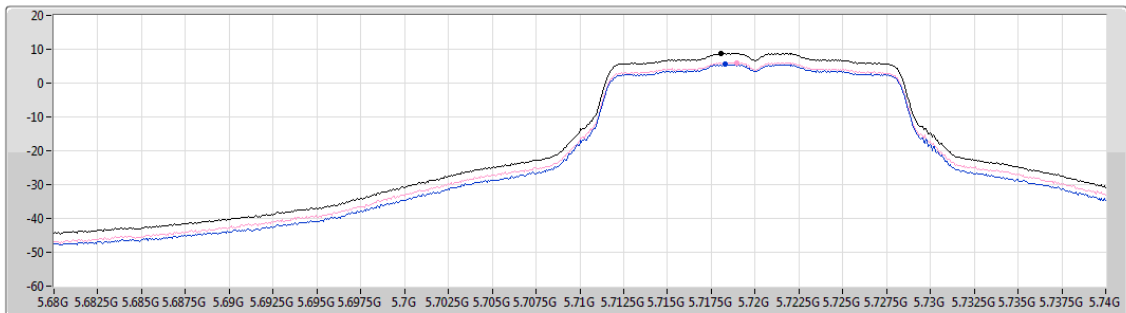
Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
2.47	2.47	-0.39	-0.40

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

CF
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



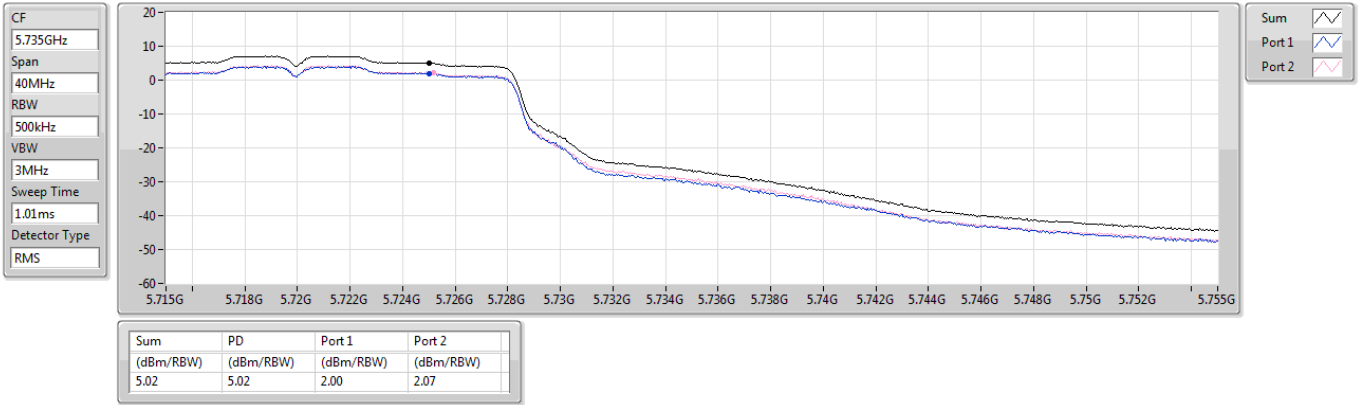
Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
8.72	8.72	5.48	6.08



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

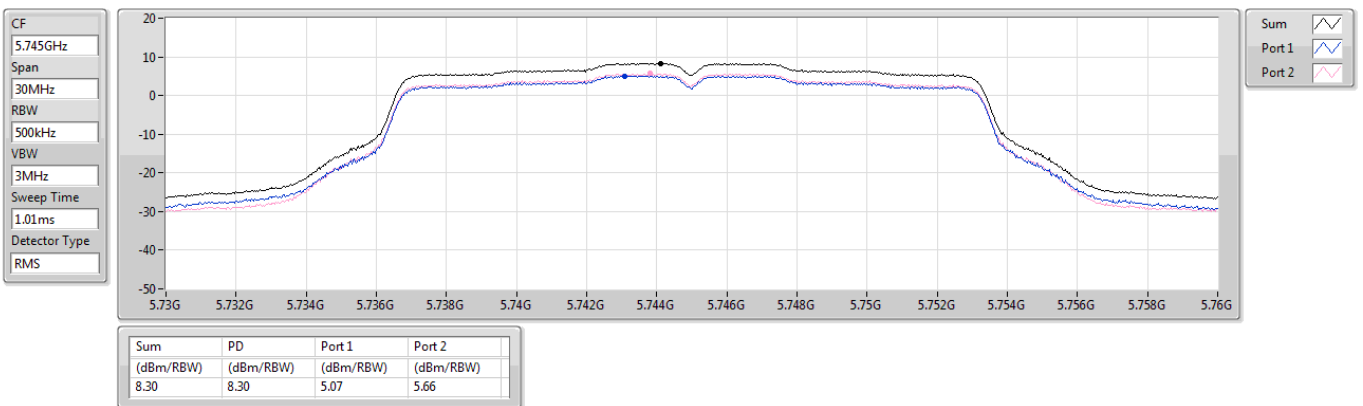
5720MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz



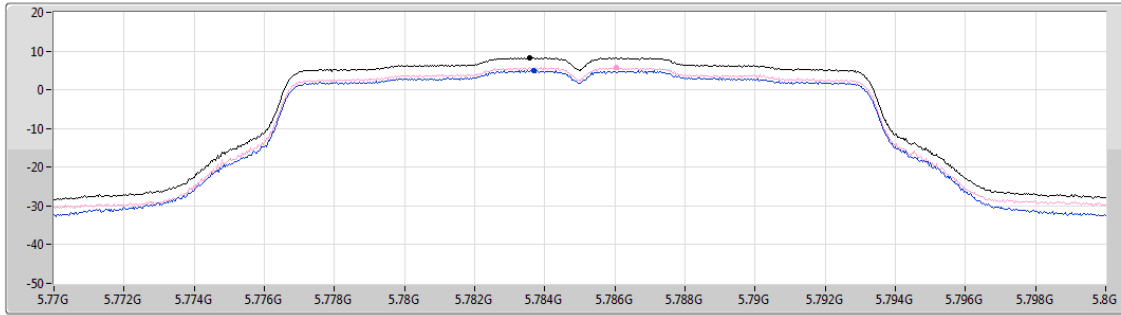


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

CF
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2

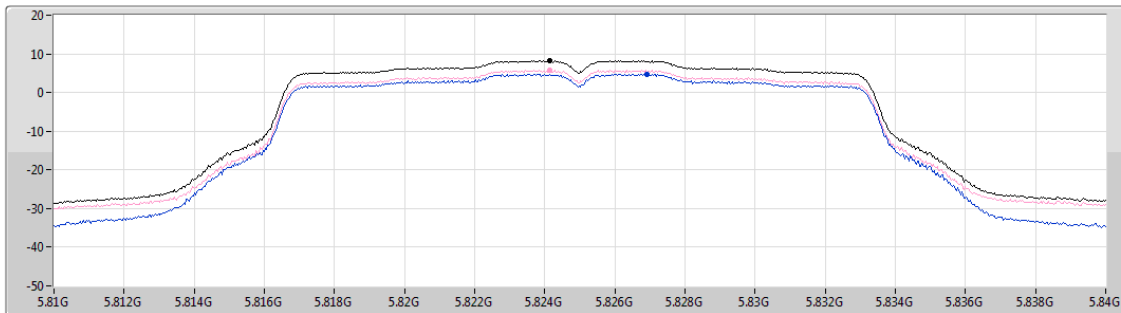
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.28	8.28	5.00	5.74

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

CF
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2

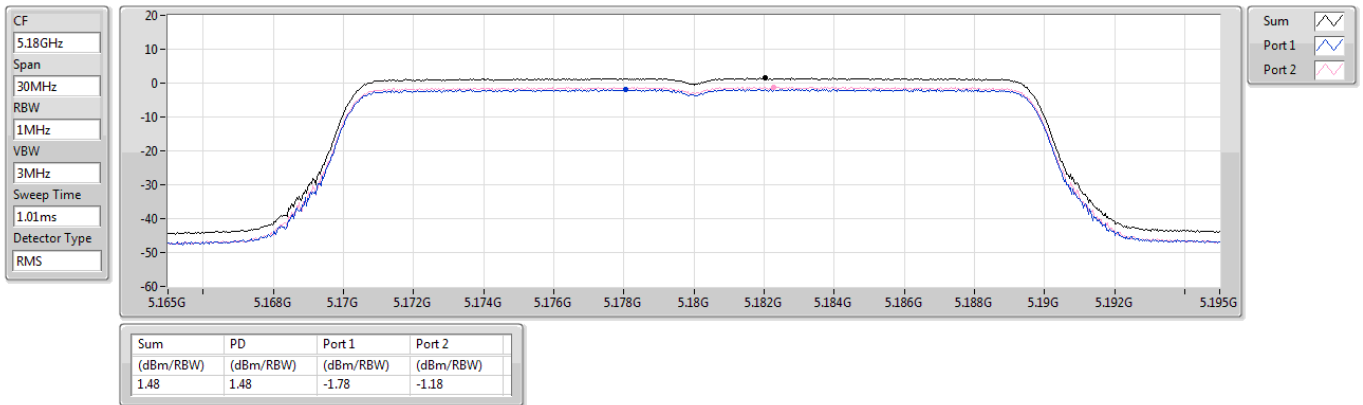
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.24	8.24	4.82	5.72



5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD

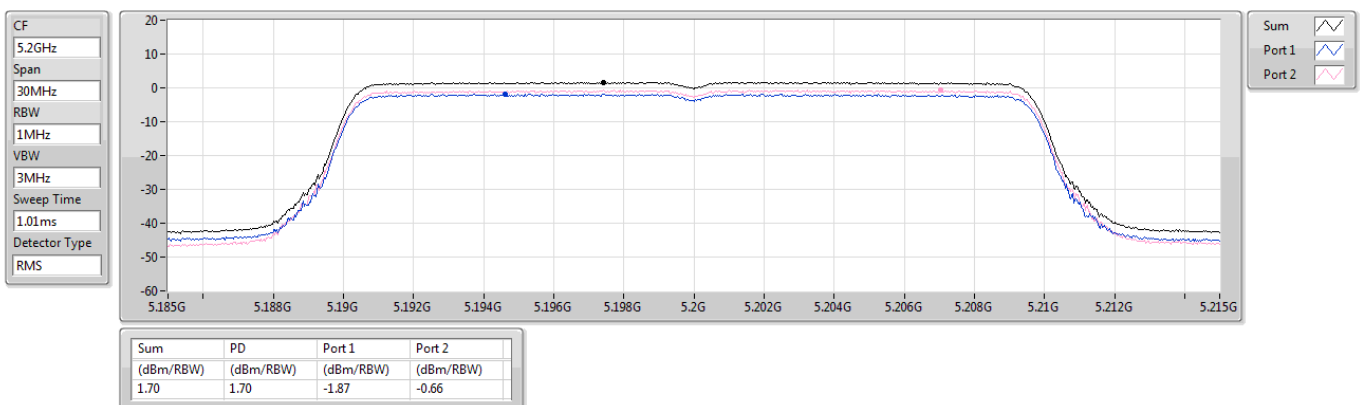
5180MHz



5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD

5200MHz

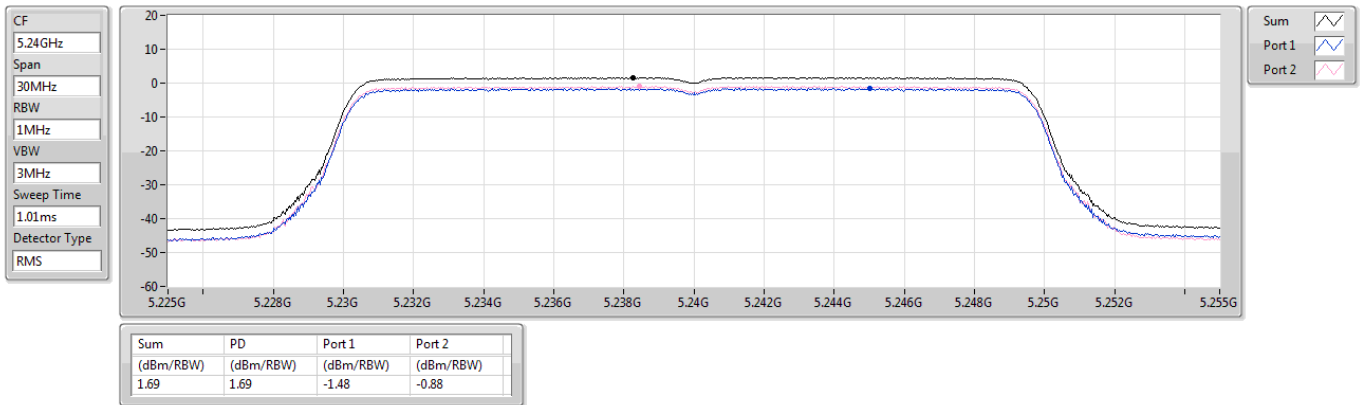




5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

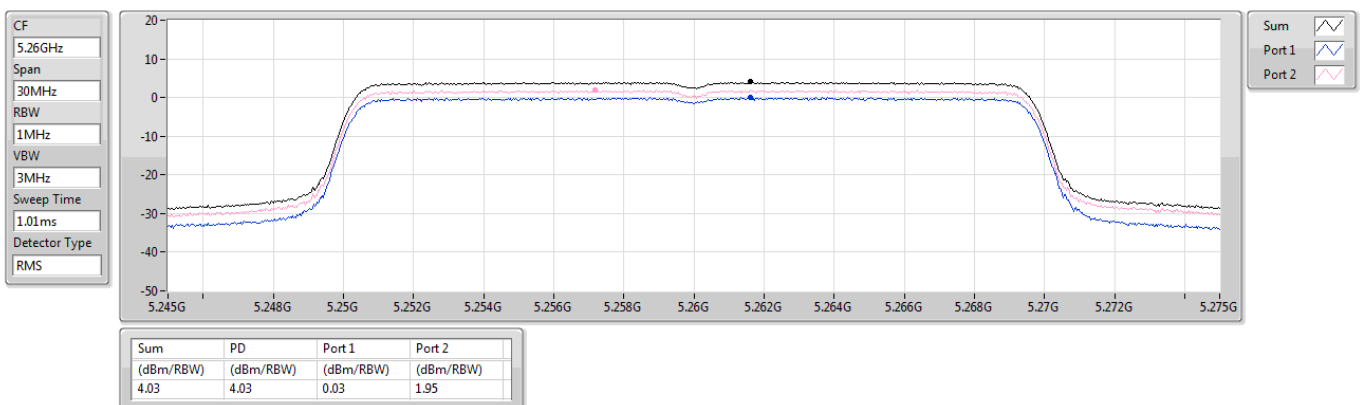
5240MHz



5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5260MHz

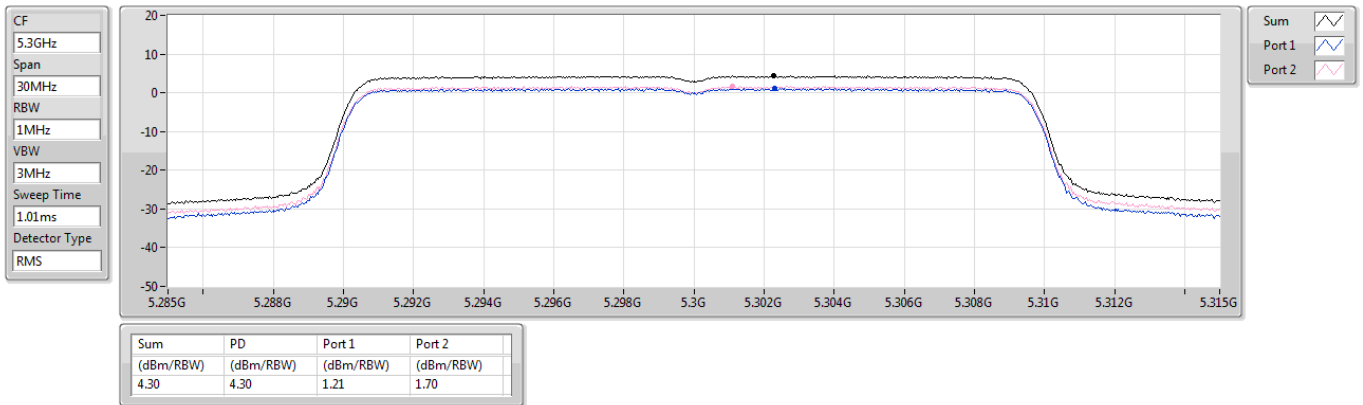




5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

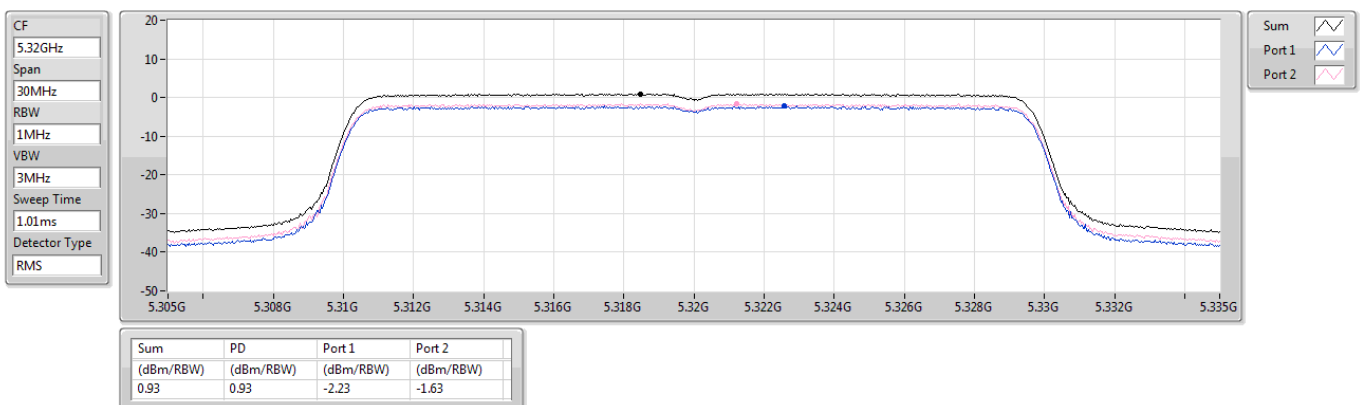
5300MHz



5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5320MHz



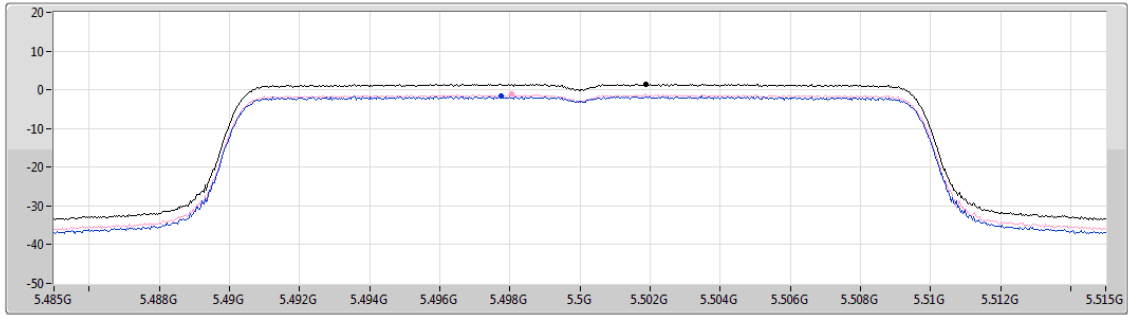


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5500MHz

CF
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
1.52	1.52	-1.71	-1.07

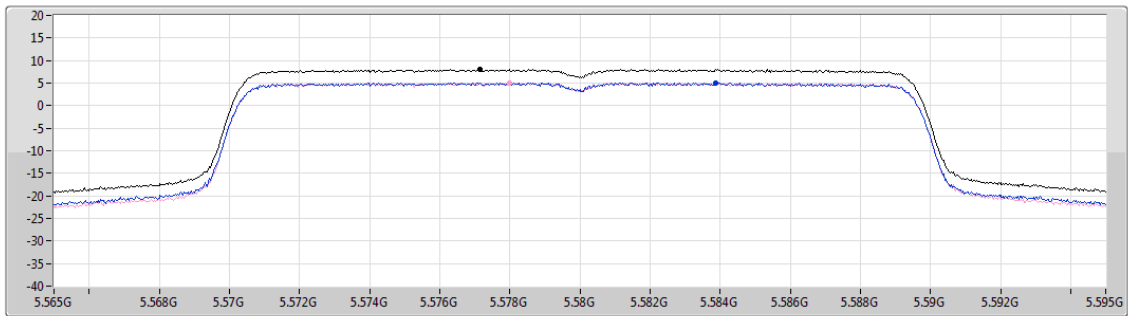
Sum
Port 1
Port 2

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5580MHz

CF
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
8.02	8.02	5.11	5.09

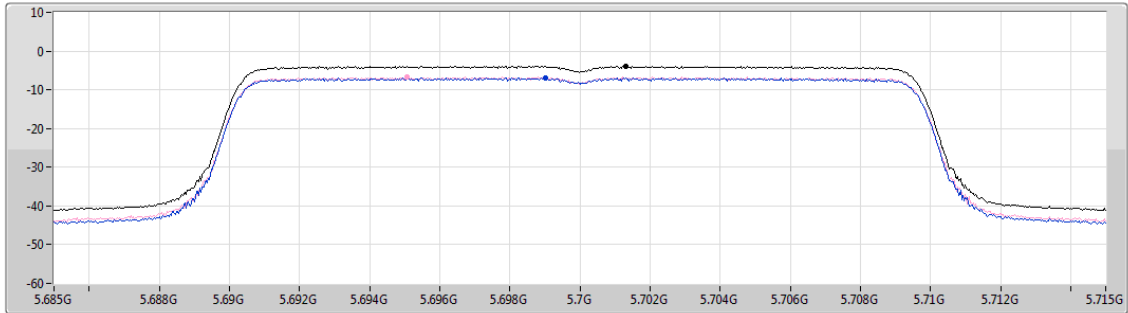
Sum
Port 1
Port 2

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5700MHz

CF
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



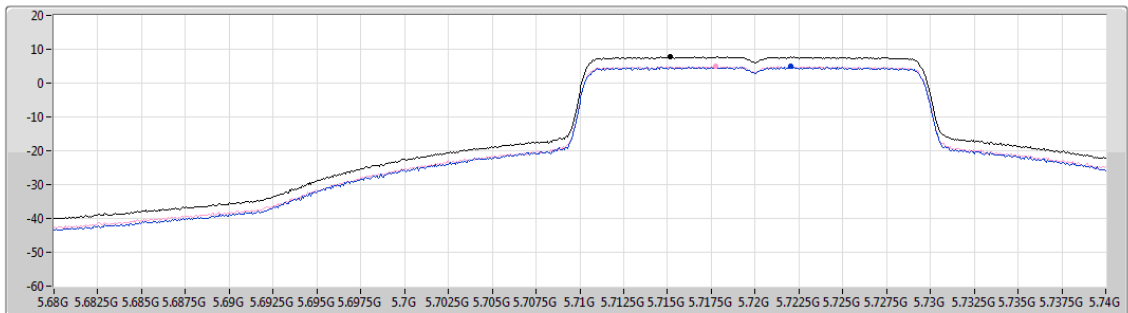
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.88	-3.88	-6.89	-6.63

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

CF
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS

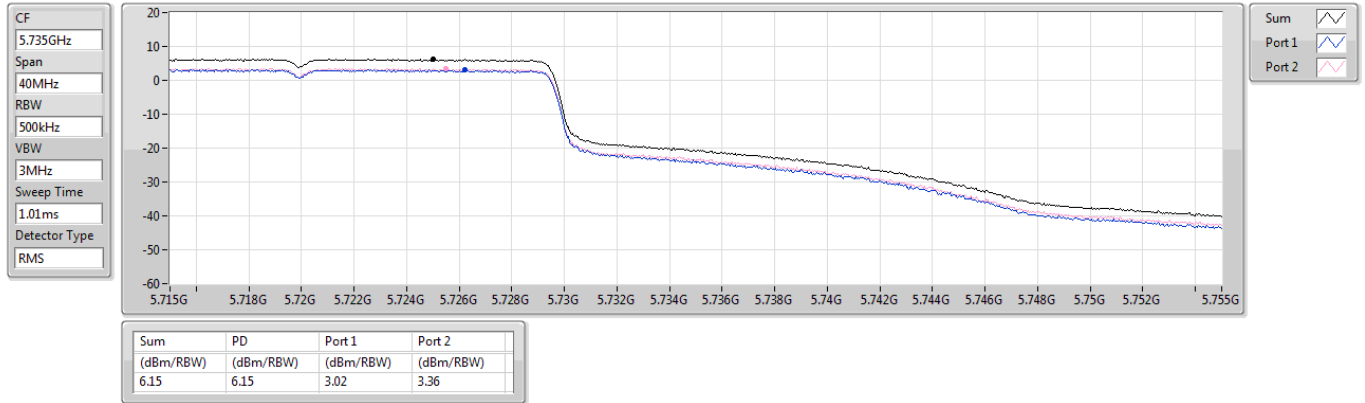


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.77	7.77	4.94	4.94

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

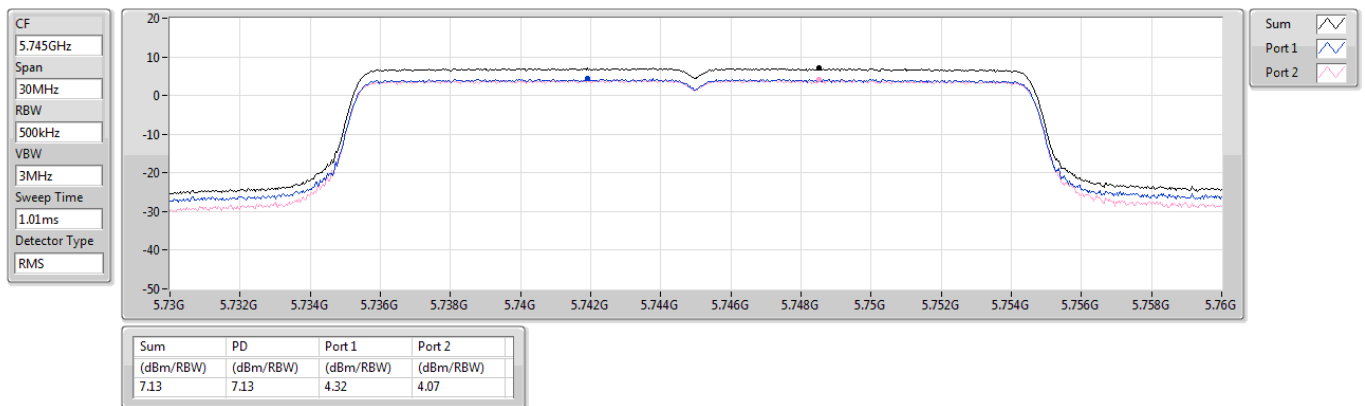
5720MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5745MHz

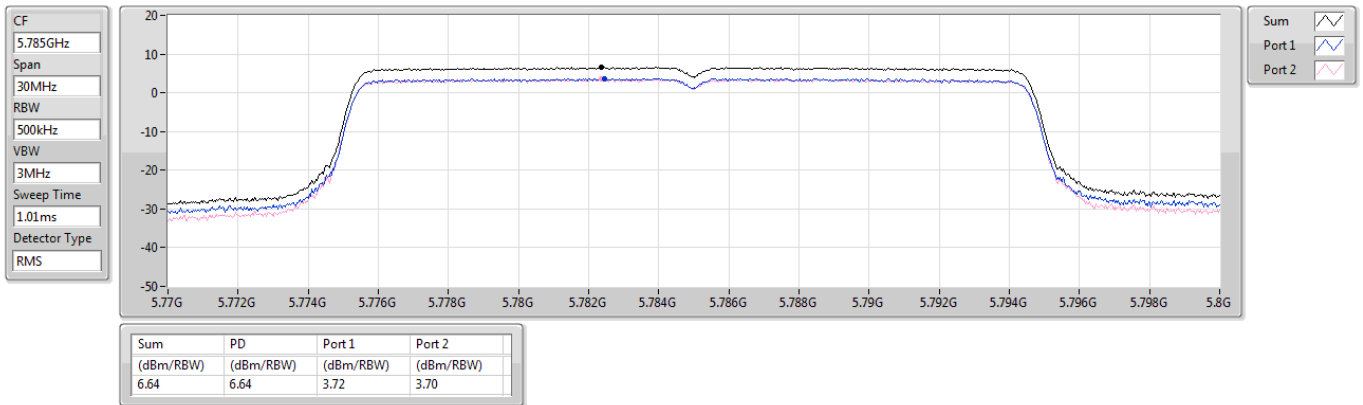




5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

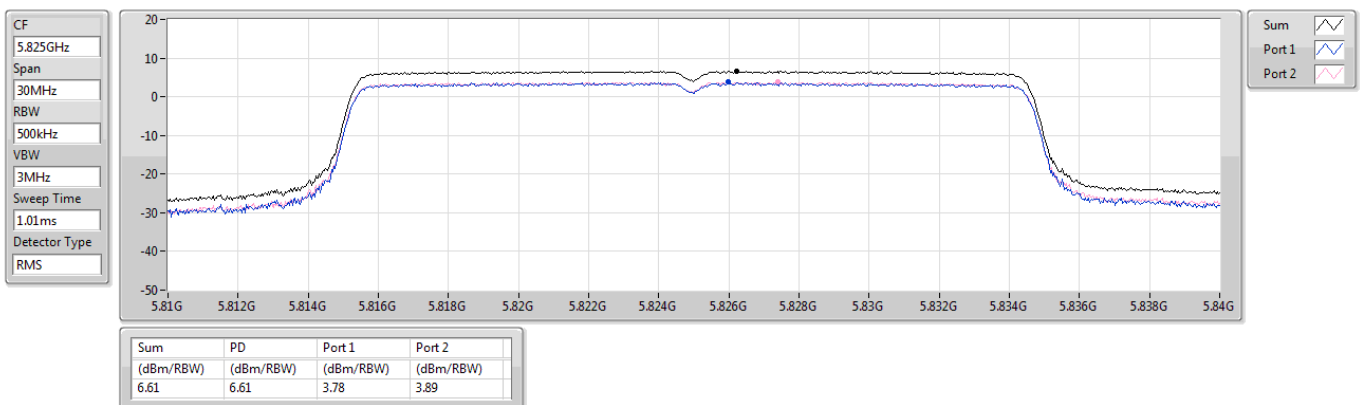
5785MHz



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5825MHz

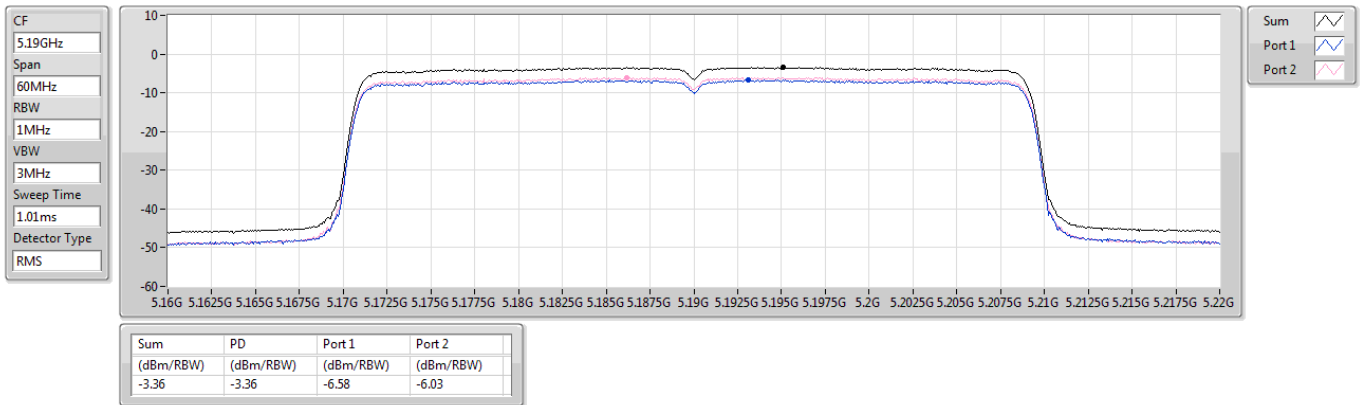




5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

PSD

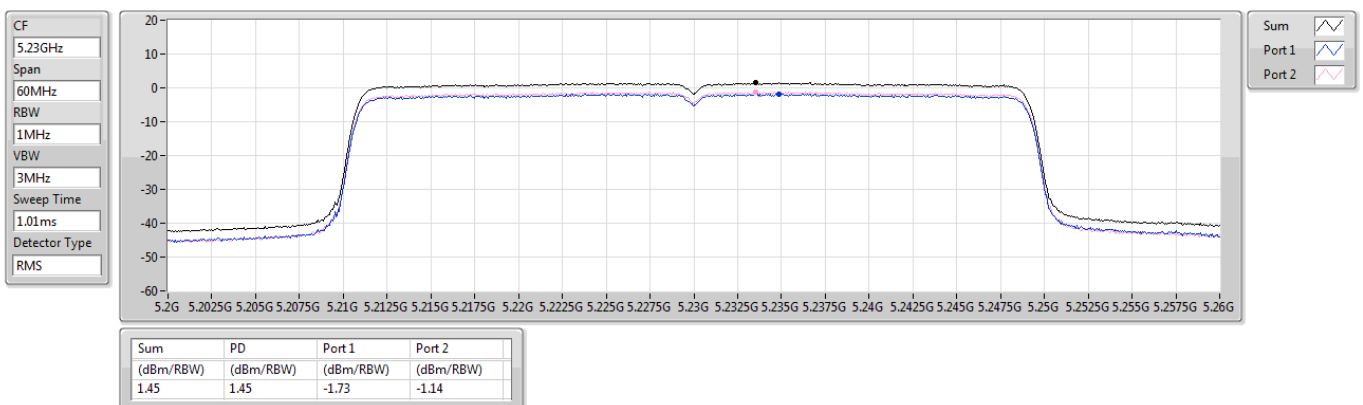
5190MHz



5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

PSD

5230MHz

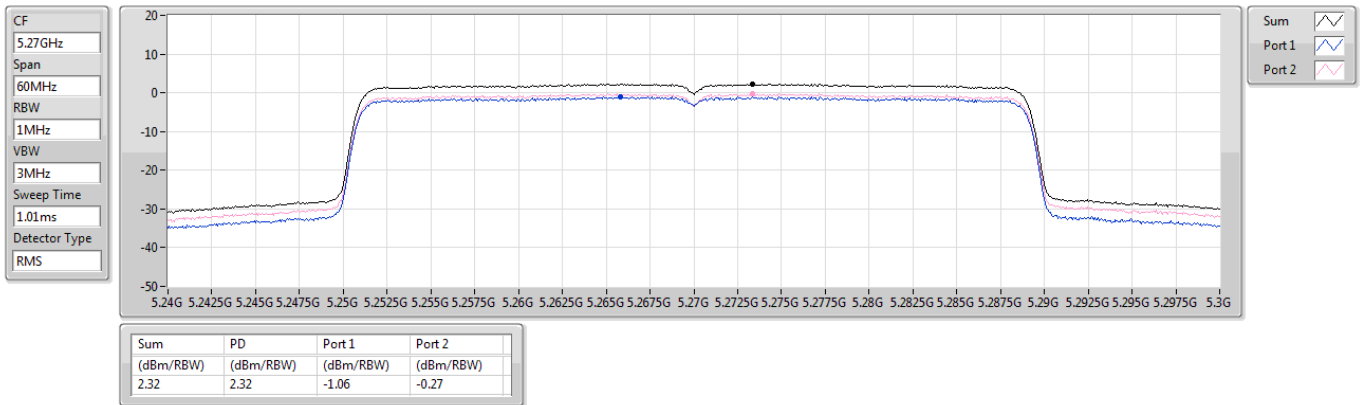




5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5270MHz



5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5310MHz

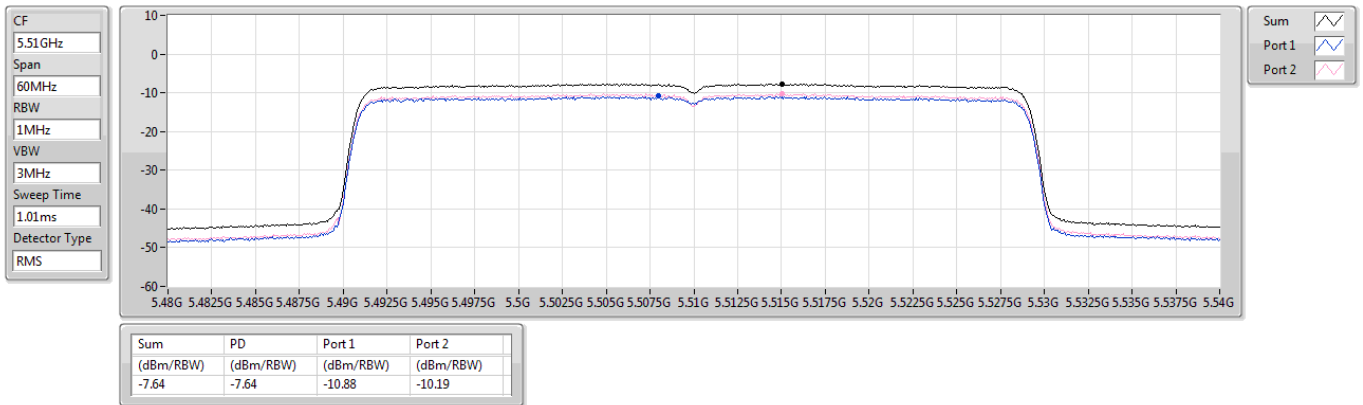




5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

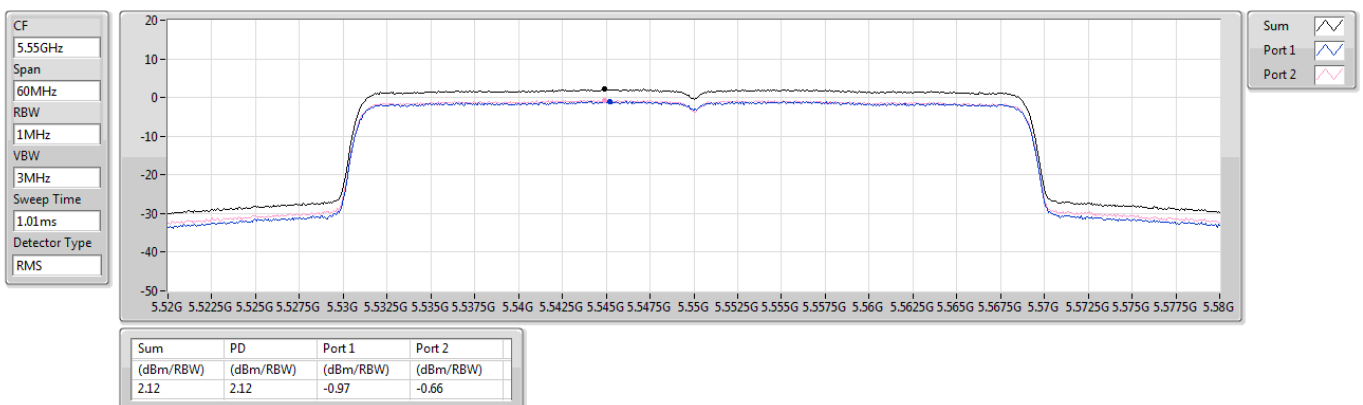
5510MHz



5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5550MHz

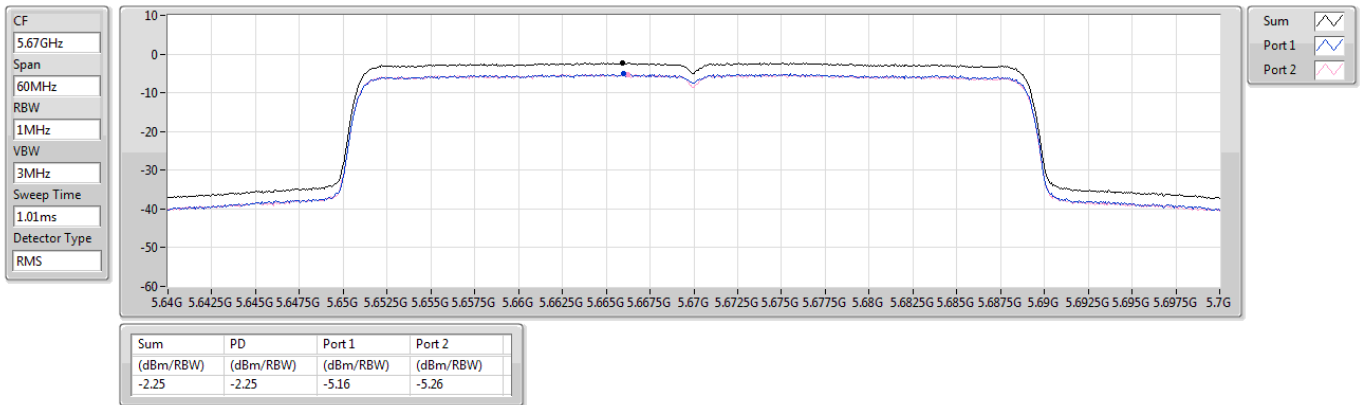




5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

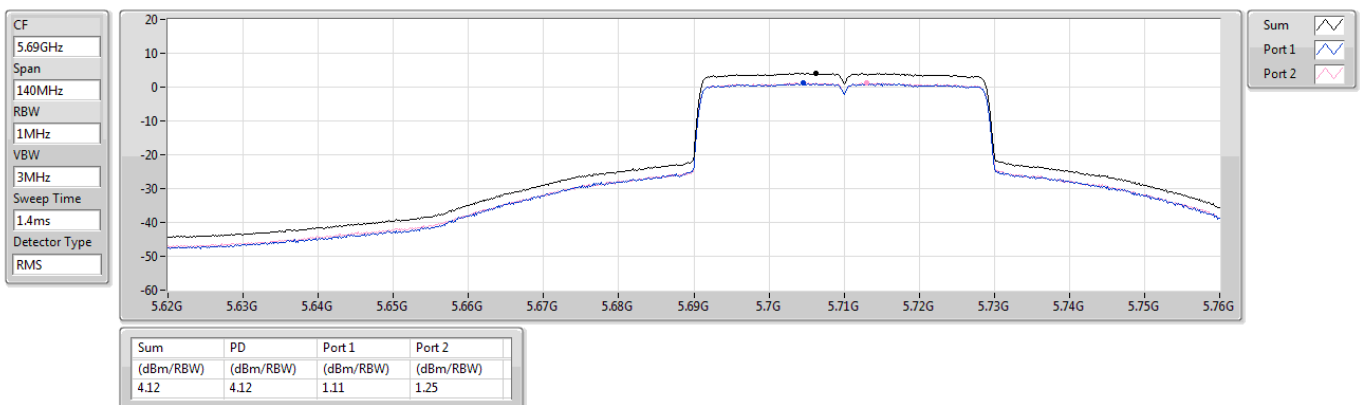
5670MHz



5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

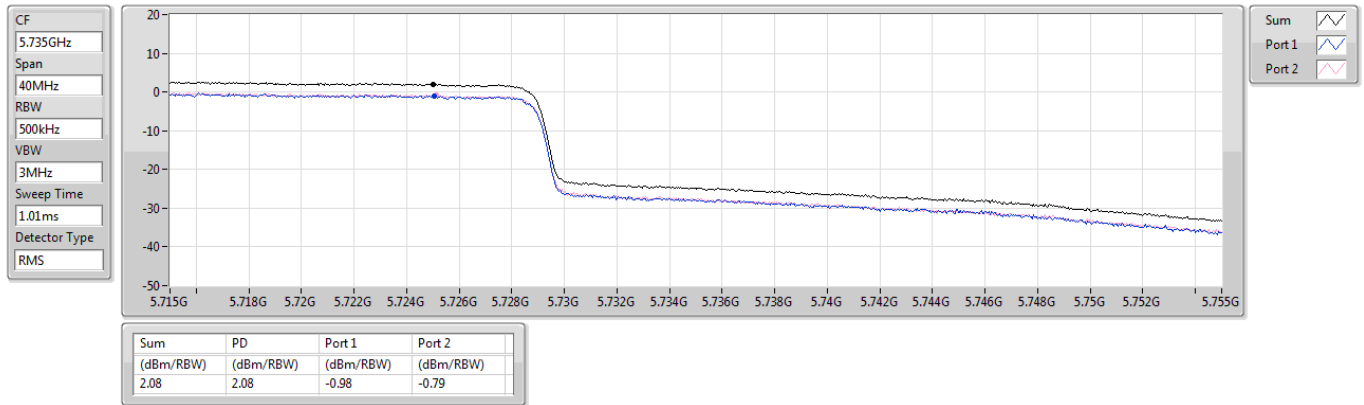




5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

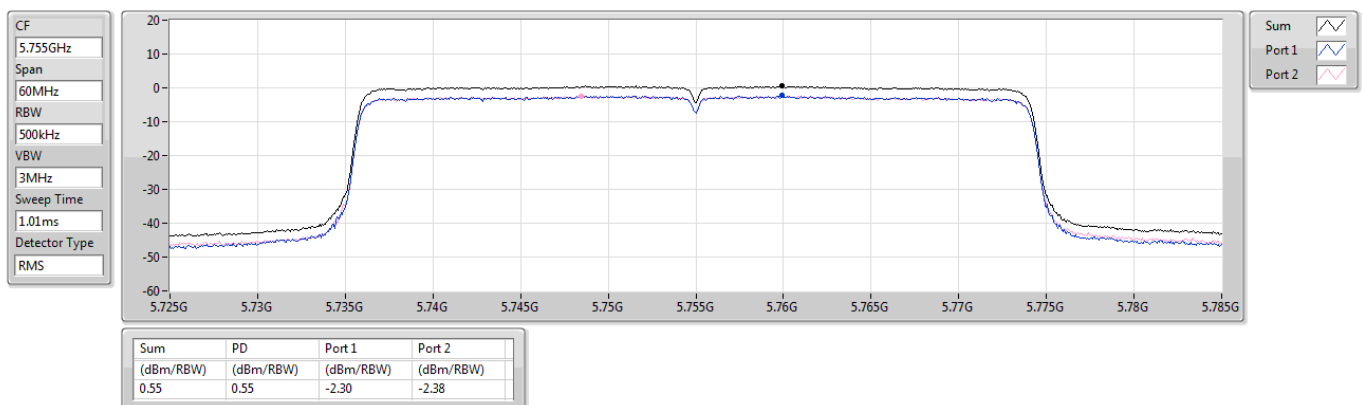
5710MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5755MHz

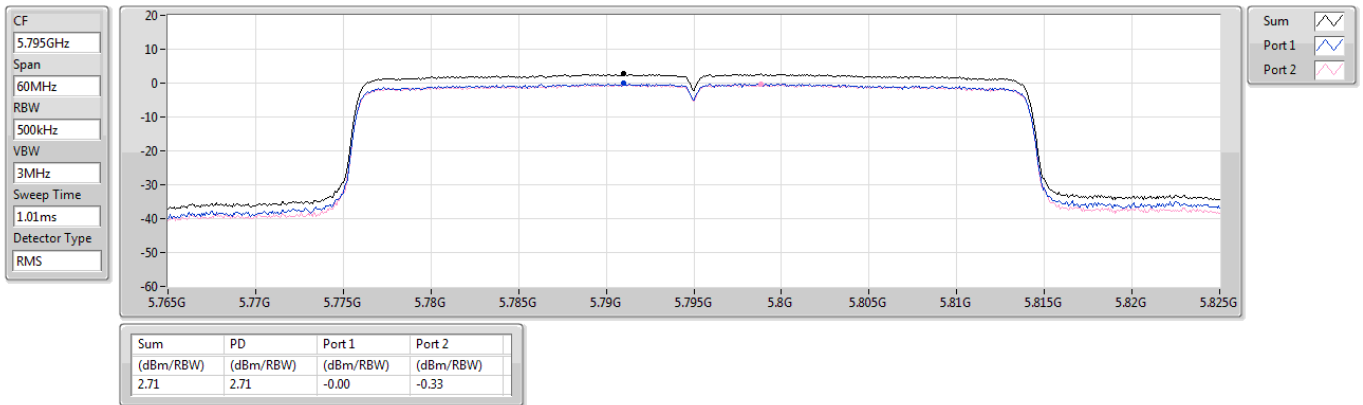




5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

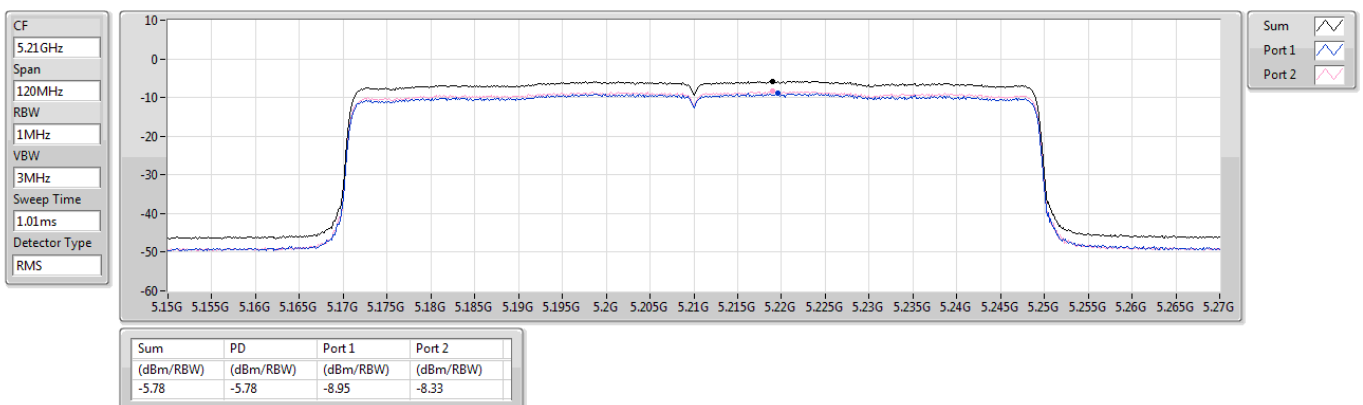
5795MHz



5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5210MHz

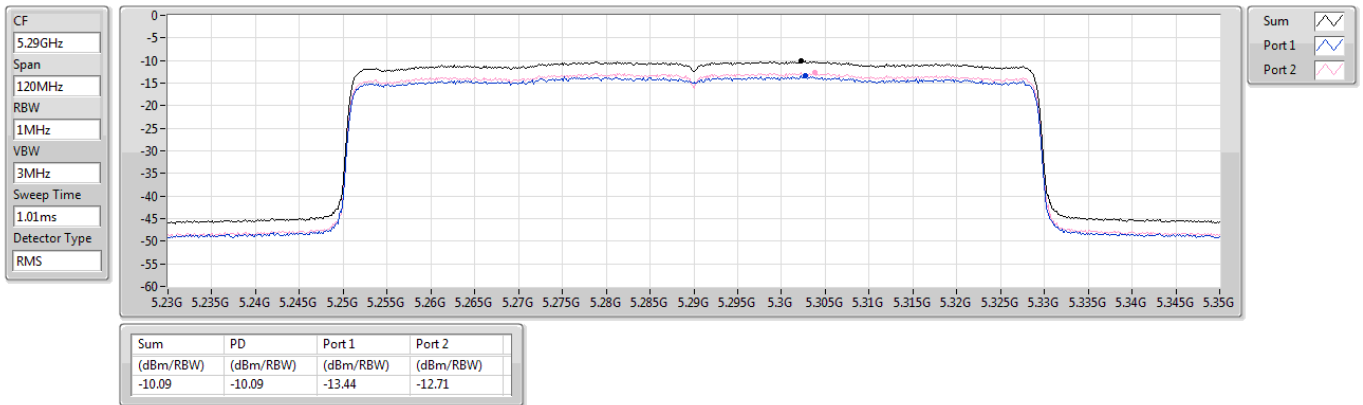




5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

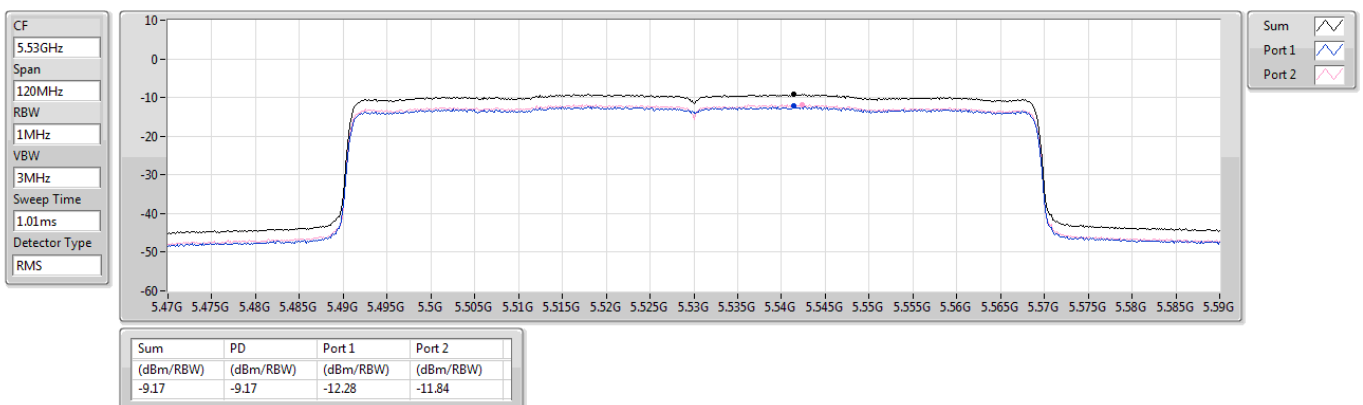
5290MHz



5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

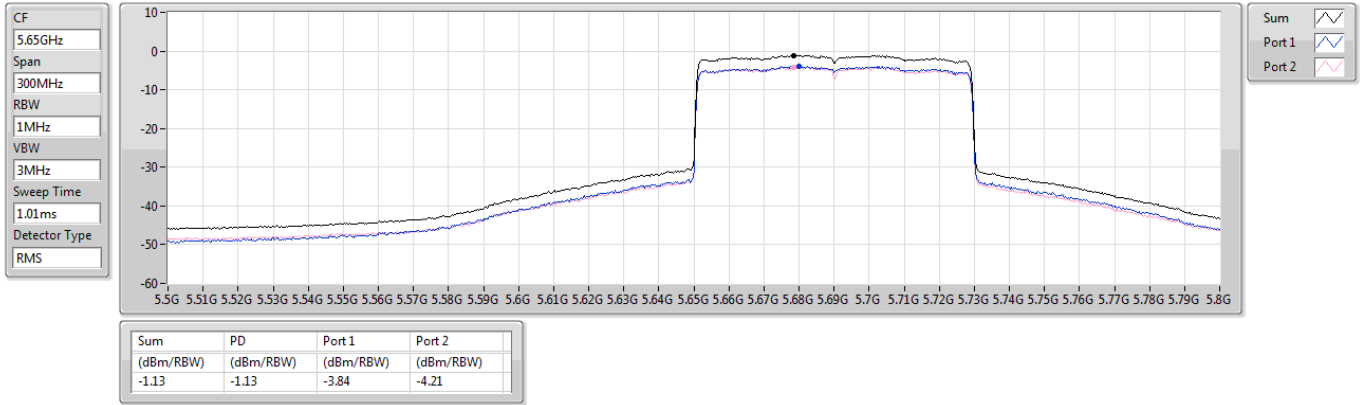
5530MHz



5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

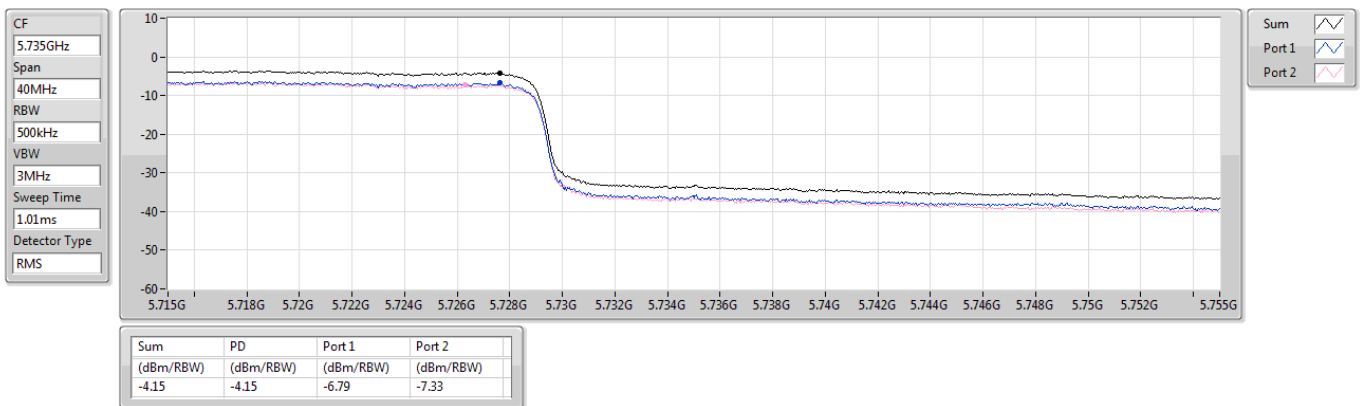
5690MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz



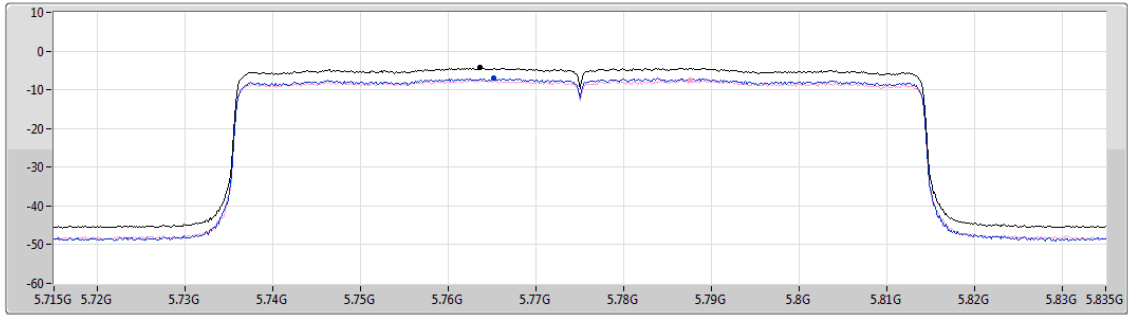


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5775MHz

CF
5.775GHz
Span
120MHz
RBW
500kHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.34	-4.34	-7.05	-7.49



PSD [5.25-5.35GHz Fall in 5.15-5.25GHz]-RSS-247
- SC Module

Appendix C.2

Summary

Mode	PD (dBm/MHz)	EIRP PD (dBm/MHz)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	-17.98	-10.57
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	-8.24	-0.83
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	-25.99	-18.58
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	-39.15	-31.74

RBW = 1MHz

Result

Mode	Result	DG (dBi)	Port 1 (dBm/MHz)	Port 2 (dBm/MHz)	PD (dBm/MHz)	EIRP PD (dBm/MHz)	EIRP PD Limit (dBm/MHz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	7.41	-21.11	-20.88	-17.98	-10.57	10.00
5300MHz	Pass	7.41	-48.01	-47.88	-45.02	-37.61	10.00
5320MHz	Pass	7.41	-48.03	-47.86	-45.02	-37.61	10.00
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-
5260MHz	Pass	7.41	-11.82	-10.74	-8.24	-0.83	10.00
5300MHz	Pass	7.41	-47.78	-47.77	-44.81	-37.40	10.00
5320MHz	Pass	7.41	-48.14	-48.10	-45.24	-37.83	10.00
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-
5270MHz	Pass	7.41	-29.82	-28.31	-25.99	-18.58	10.00
5310MHz	Pass	7.41	-48.01	-48.13	-45.19	-37.78	10.00
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-
5290MHz	Pass	7.41	-42.62	-41.74	-39.15	-31.74	10.00

RBW = 1MHz; DG = Directional Gain

Remarks:

Directional gain = $4.4 + 10 \cdot \log(2/1) = 7.41$ dBi



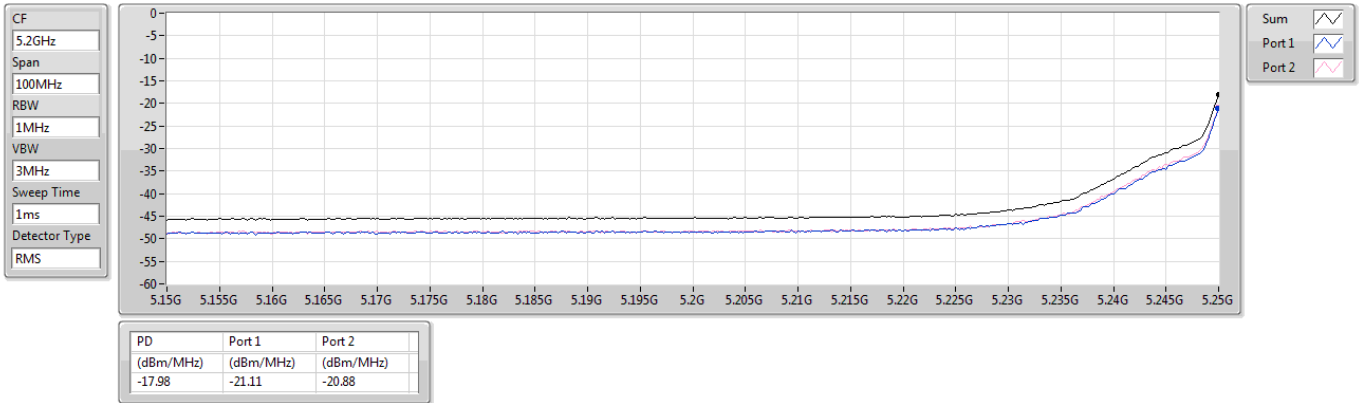
PSD [5.25-5.35GHz Fall in 5.15-5.25GHz]-RSS-247 - SC Module

Appendix C.2

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

PSD-IC-5.15~5.25GHz

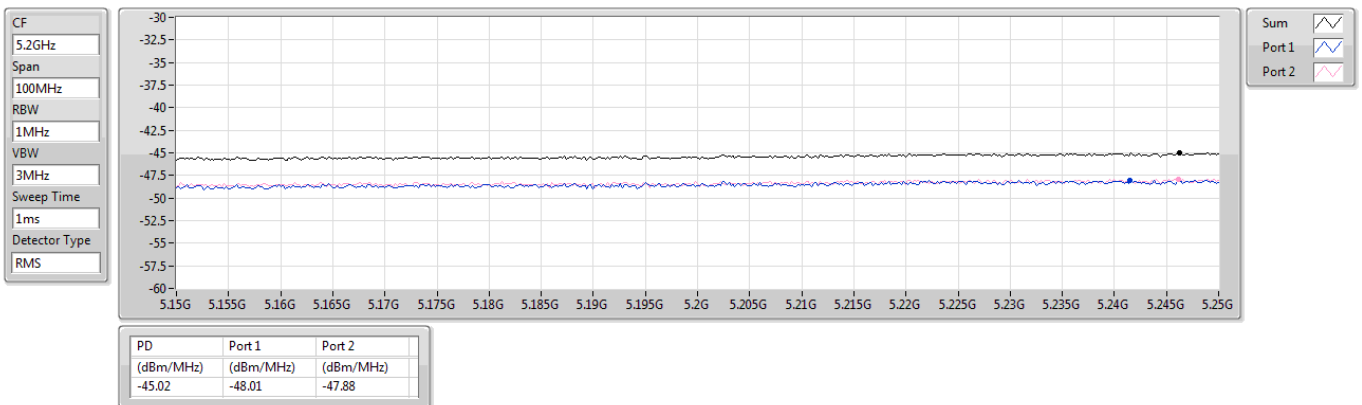
5260MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

PSD-IC-5.15~5.25GHz

5300MHz





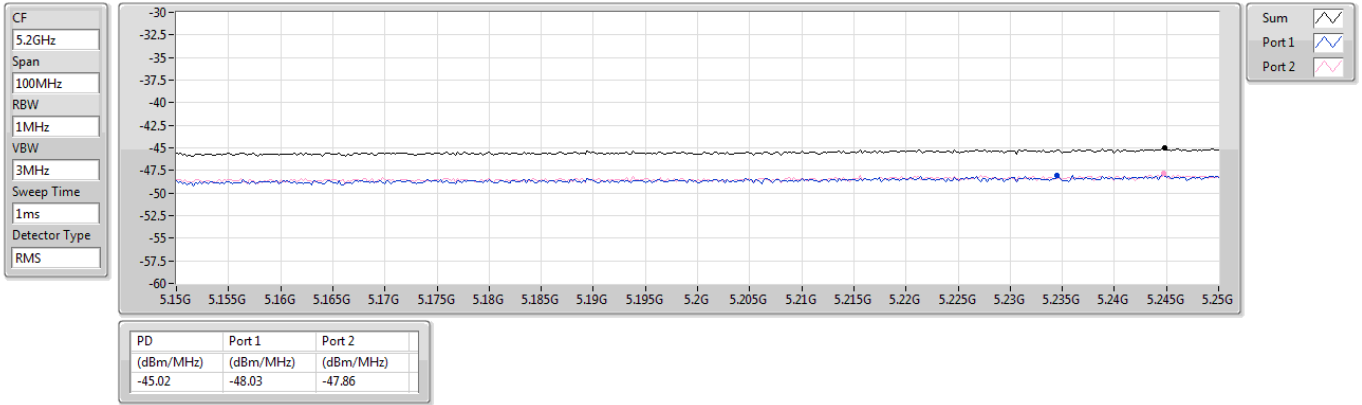
**PSD [5.25-5.35GHz Fall in 5.15-5.25GHz]-RSS-247
- SC Module**

Appendix C.2

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

PSD-IC-5.15~5.25GHz

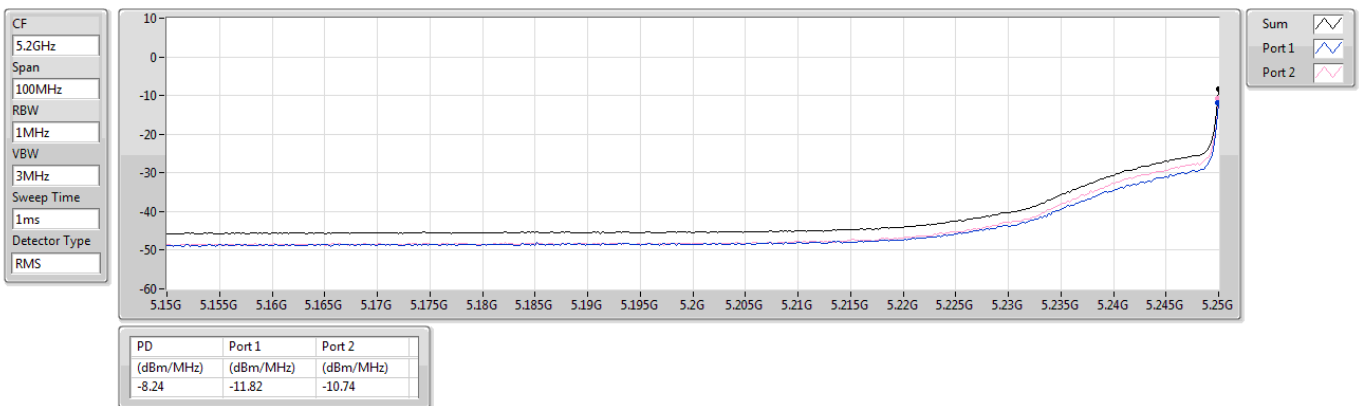
5320MHz



5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD-IC-5.15~5.25GHz

5260MHz





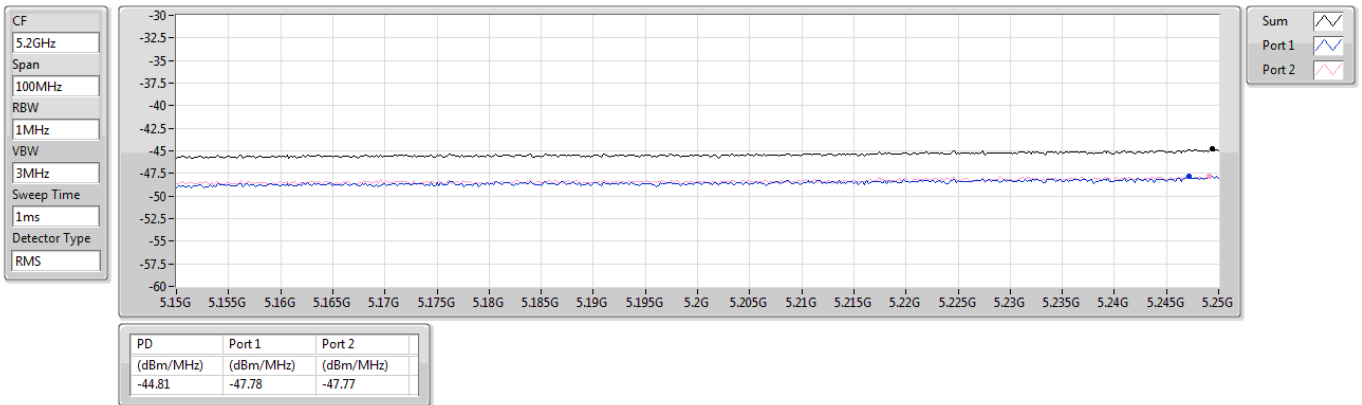
PSD [5.25-5.35GHz Fall in 5.15-5.25GHz]-RSS-247 - SC Module

Appendix C.2

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD-IC-5.15~5.25GHz

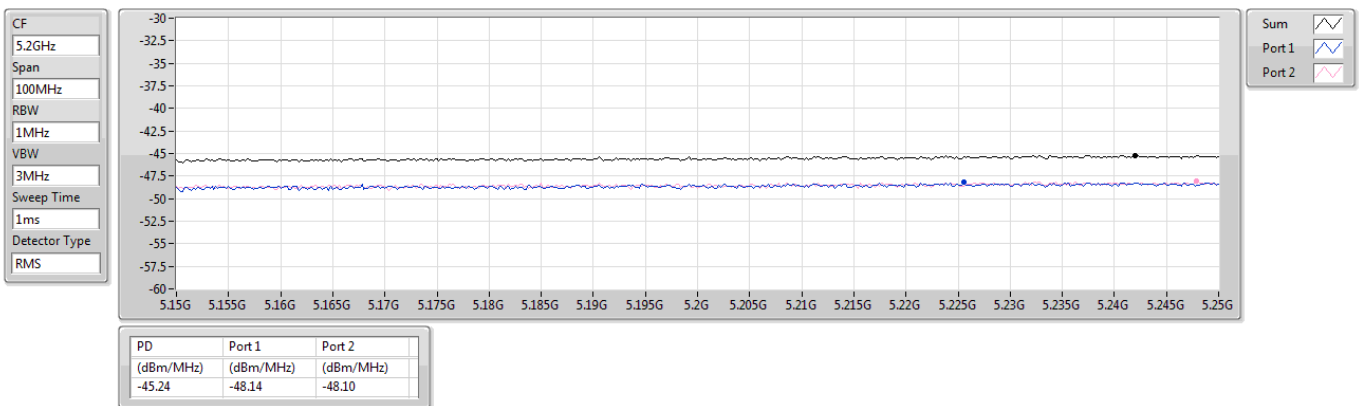
5300MHz



5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD-IC-5.15~5.25GHz

5320MHz





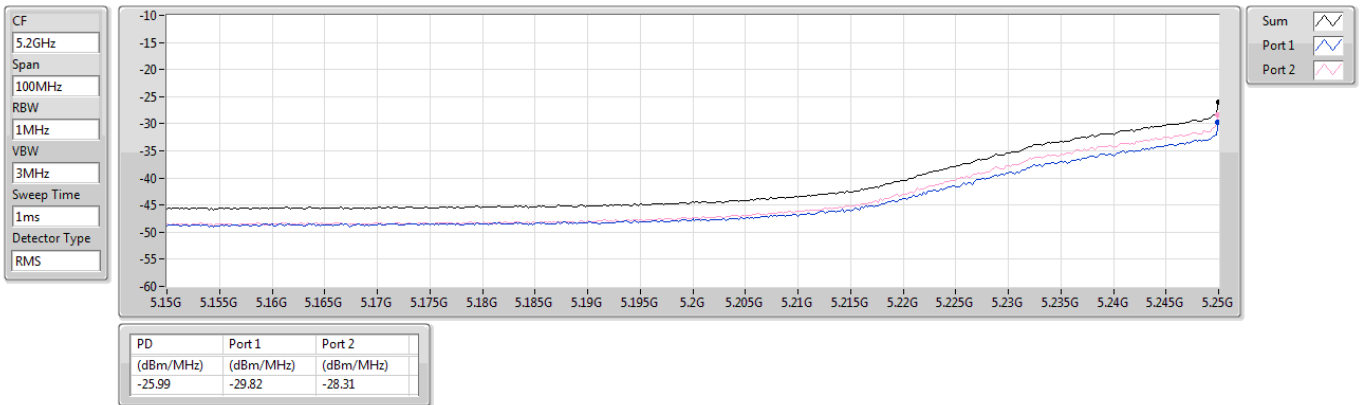
PSD [5.25-5.35GHz Fall in 5.15-5.25GHz]-RSS-247 - SC Module

Appendix C.2

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD-IC-5.15~5.25GHz

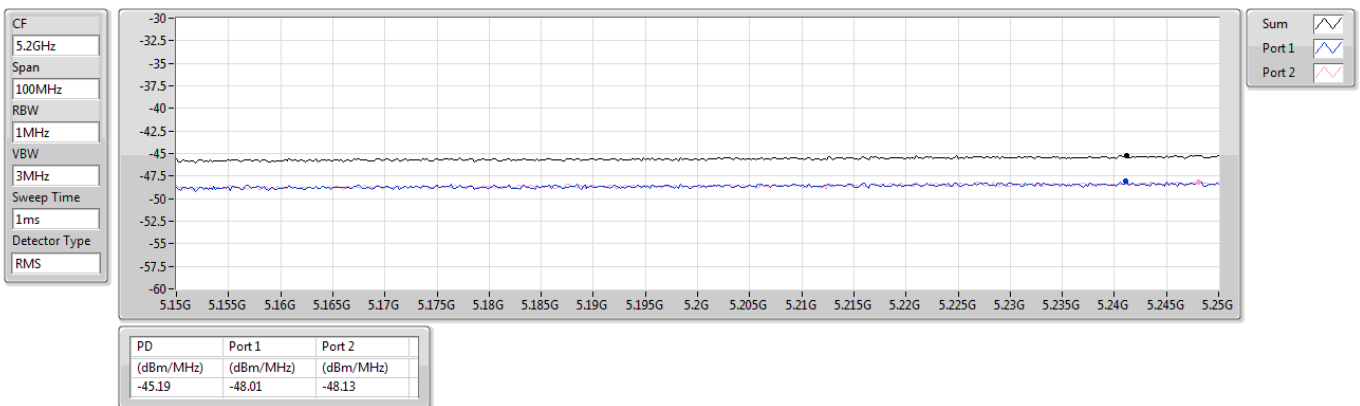
5270MHz



5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD-IC-5.15~5.25GHz

5310MHz

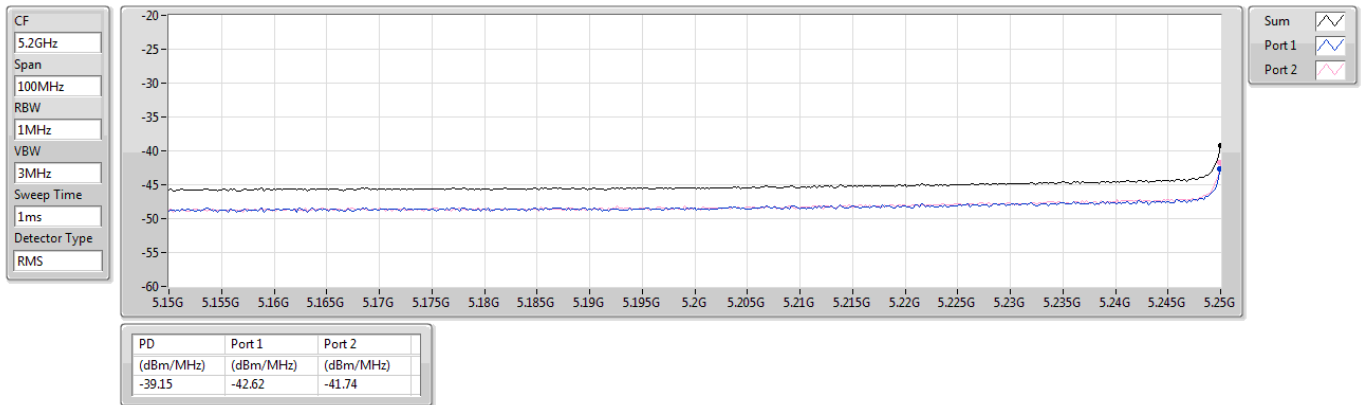




5.25-5.35GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

PSD-IC-5.15~5.25GHz

5290MHz



**Summary**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	GRF (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.47-5.725GHz	-	-	-	-	-	-	-	-		-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	Pass	30M	1G	PK	7.41	-79.42	-84.52	-78.25	4.7	-66.14	-55.20	-10.94
5.725-5.85GHz	-	-	-	-	-	-	-	-		-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	Pass	30M	1G	PK	7.41	-79.56	-81.74	-77.50	4.7	-65.39	-55.20	-10.19

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	GRF (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-	-		-	-	-
5580MHz	Pass	30M	1G	PK	73.55M	7.41	-79.42	-84.52	-78.25	4.7	-66.14	-55.20	-10.94
5745MHz	Pass	30M	1G	PK	52.41M	7.41	-79.56	-81.74	-77.50	4.7	-65.39	-55.20	-10.19

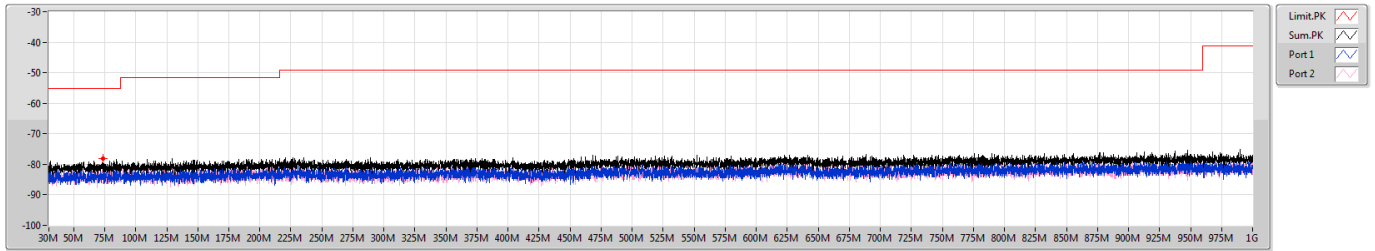
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Other [PK]

5580MHz

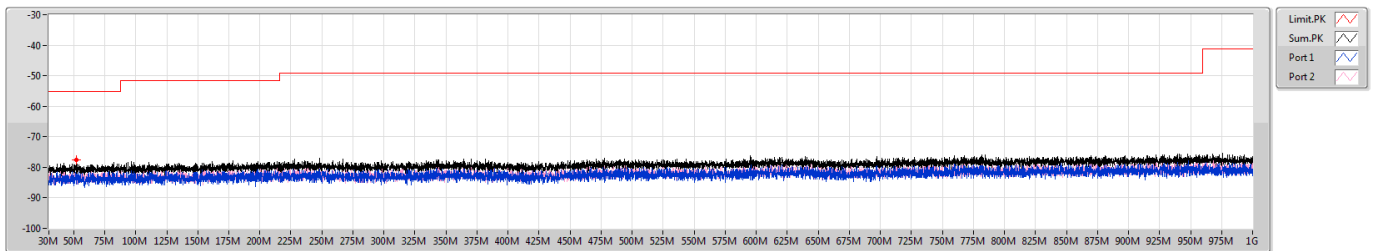


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Prum(dBm)	P1(dBm)	P2(dBm)
30M	1G	100k	PK	73.55M	-78.25	-79.42	-84.52

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Other [PK]

5745MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Prum(dBm)	P1(dBm)	P2(dBm)
30M	1G	100k	PK	52.41M	-77.50	-79.56	-81.74

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	1G	4.5G	AV	7.41	-75.85	-72.52	-70.86	-63.45	-41.20	-22.25
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	Pass	1G	4.5G	AV	7.41	-75.85	-72.72	-71.00	-63.59	-41.20	-22.39
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	Pass	1G	4.5G	AV	7.41	-74.37	-74.09	-71.22	-63.81	-41.20	-22.61
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	Pass	1G	4.5G	AV	7.41	-74.35	-74.07	-71.20	-63.79	-41.20	-22.59
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	1G	4.5G	AV	7.41	-74.48	-73.65	-71.03	-63.62	-41.20	-22.42
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	Pass	1G	4.5G	AV	7.41	-74.97	-73.08	-70.91	-63.50	-41.20	-22.30
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	Pass	1G	4.5G	AV	7.41	-74.42	-74.15	-71.27	-63.86	-41.20	-22.66
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	Pass	1G	4.5G	AV	7.41	-75.93	-72.71	-71.02	-63.61	-41.20	-22.41
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	1G	4.5G	AV	7.41	-73.80	-73.80	-70.79	-63.38	-41.20	-22.18
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	Pass	1G	4.5G	AV	7.41	-74.08	-74.35	-71.20	-63.79	-41.20	-22.59
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	Pass	1G	4.5G	AV	7.41	-74.04	-74.04	-71.03	-63.62	-41.20	-22.42
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	Pass	1G	4.5G	AV	7.41	-74.05	-74.33	-71.18	-63.77	-41.20	-22.57
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	1G	4.5G	AV	7.41	-73.89	-74.16	-71.01	-63.60	-41.20	-22.40
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	Pass	1G	4.5G	AV	7.41	-74.41	-74.14	-71.26	-63.85	-41.20	-22.65
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	Pass	1G	4.5G	AV	7.41	-74.09	-74.09	-71.08	-63.67	-41.20	-22.47
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	Pass	1G	4.5G	AV	7.41	-74.94	-73.56	-71.19	-63.78	-41.20	-22.58

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1G	4.5G	AV	3.88531G	7.41	-76.09	-72.57	-70.97	-63.56	-41.20	-22.36
5180MHz	Pass	1G	4.5G	PK	3.28244G	7.41	-63.90	-65.13	-61.46	-54.05	-27.00	-27.05
5200MHz	Pass	1G	4.5G	AV	3.90019G	7.41	-76.31	-72.69	-71.12	-63.71	-41.20	-22.51
5200MHz	Pass	1G	4.5G	PK	4.409G	7.41	-65.13	-64.31	-61.69	-54.28	-27.00	-27.28
5240MHz	Pass	1G	4.5G	AV	3.93038G	7.41	-75.85	-72.52	-70.86	-63.45	-41.20	-22.25
5240MHz	Pass	1G	4.5G	PK	4.42606G	7.41	-64.88	-64.79	-61.82	-54.41	-27.00	-27.41
5260MHz	Pass	1G	4.5G	AV	4.25325G	7.41	-74.53	-74.25	-71.38	-63.97	-41.20	-22.77
5260MHz	Pass	1G	4.5G	PK	3.32269G	7.41	-64.54	-64.71	-61.61	-54.20	-27.00	-27.20
5300MHz	Pass	1G	4.5G	AV	3.975G	7.41	-75.59	-73.38	-71.34	-63.93	-41.20	-22.73
5300MHz	Pass	1G	4.5G	PK	4.44838G	7.41	-63.58	-65.75	-61.52	-54.11	-27.00	-27.11
5320MHz	Pass	1G	4.5G	AV	4.28475G	7.41	-74.48	-73.65	-71.03	-63.62	-41.20	-22.42
5320MHz	Pass	1G	4.5G	PK	4.42125G	7.41	-62.88	-65.70	-61.05	-53.64	-27.00	-26.64
5500MHz	Pass	1G	4.5G	AV	4.26288G	7.41	-73.80	-73.80	-70.79	-63.38	-41.20	-22.18
5500MHz	Pass	1G	4.5G	PK	4.40069G	7.41	-65.79	-62.38	-60.75	-53.34	-27.00	-26.34
5580MHz	Pass	1G	4.5G	AV	4.24363G	7.41	-73.82	-74.38	-71.08	-63.67	-41.20	-22.47
5580MHz	Pass	1G	4.5G	PK	3.27456G	7.41	-64.29	-64.03	-61.15	-53.74	-27.00	-26.74
5700MHz	Pass	1G	4.5G	AV	4.234G	7.41	-74.17	-73.89	-71.02	-63.61	-41.20	-22.41
5700MHz	Pass	1G	4.5G	PK	4.40156G	7.41	-62.90	-65.47	-60.99	-53.58	-27.00	-26.58
5720MHz Straddle 5.47-5.725GHz	Pass	1G	4.5G	AV	4.24888G	7.41	-73.51	-74.63	-71.02	-63.61	-41.20	-22.41
5720MHz Straddle 5.47-5.725GHz	Pass	1G	4.5G	PK	3.14113G	7.41	-65.05	-62.35	-60.48	-53.07	-27.00	-26.07
5745MHz	Pass	1G	4.5G	AV	4.23488G	7.41	-73.89	-74.16	-71.01	-63.60	-41.20	-22.40
5745MHz	Pass	1G	4.5G	PK	4.42081G	7.41	-63.87	-64.22	-61.03	-53.62	-27.00	-26.62
5785MHz	Pass	1G	4.5G	AV	4.26813G	7.41	-73.82	-74.38	-71.08	-63.67	-41.20	-22.47
5785MHz	Pass	1G	4.5G	PK	4.40156G	7.41	-64.68	-64.68	-61.67	-54.26	-27.00	-27.26
5825MHz	Pass	1G	4.5G	AV	4.25106G	7.41	-74.33	-73.77	-71.03	-63.62	-41.20	-22.42
5825MHz	Pass	1G	4.5G	PK	4.41381G	7.41	-65.01	-64.25	-61.60	-54.19	-27.00	-27.19
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1G	4.5G	AV	4.2515G	7.41	-74.04	-74.04	-71.03	-63.62	-41.20	-22.42
5180MHz	Pass	1G	4.5G	PK	4.40156G	7.41	-63.08	-64.85	-60.87	-53.46	-27.00	-26.46
5200MHz	Pass	1G	4.5G	AV	3.90019G	7.41	-75.73	-73.09	-71.20	-63.79	-41.20	-22.59
5200MHz	Pass	1G	4.5G	PK	3.29513G	7.41	-65.75	-64.34	-61.98	-54.57	-27.00	-27.57
5240MHz	Pass	1G	4.5G	AV	3.92994G	7.41	-75.85	-72.72	-71.00	-63.59	-41.20	-22.39
5240MHz	Pass	1G	4.5G	PK	3.22031G	7.41	-66.12	-63.44	-61.57	-54.16	-27.00	-27.16
5260MHz	Pass	1G	4.5G	AV	3.94525G	7.41	-74.97	-73.08	-70.91	-63.50	-41.20	-22.30
5260MHz	Pass	1G	4.5G	PK	3.31569G	7.41	-65.00	-64.31	-61.63	-54.22	-27.00	-27.22
5300MHz	Pass	1G	4.5G	AV	4.23269G	7.41	-74.38	-74.65	-71.50	-64.09	-41.20	-22.89
5300MHz	Pass	1G	4.5G	PK	3.28244G	7.41	-64.76	-64.23	-61.48	-54.07	-27.00	-27.07
5320MHz	Pass	1G	4.5G	AV	4.27425G	7.41	-74.66	-73.83	-71.21	-63.80	-41.20	-22.60
5320MHz	Pass	1G	4.5G	PK	4.40113G	7.41	-64.85	-63.80	-61.28	-53.87	-27.00	-26.87
5500MHz	Pass	1G	4.5G	AV	4.39544G	7.41	-74.17	-74.45	-71.30	-63.89	-41.20	-22.69

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5500MHz	Pass	1G	4.5G	PK	4.41381G	7.41	-64.34	-64.43	-61.37	-53.96	-27.00	-26.96
5580MHz	Pass	1G	4.5G	AV	4.248G	7.41	-74.32	-74.32	-71.31	-63.90	-41.20	-22.70
5580MHz	Pass	1G	4.5G	PK	4.48731G	7.41	-66.56	-63.65	-61.86	-54.45	-27.00	-27.45
5700MHz	Pass	1G	4.5G	AV	4.24975G	7.41	-74.03	-74.59	-71.29	-63.88	-41.20	-22.68
5700MHz	Pass	1G	4.5G	PK	4.40288G	7.41	-63.47	-66.26	-61.63	-54.22	-27.00	-27.22
5720MHz Straddle 5.47-5.725GHz	Pass	1G	4.5G	AV	4.26638G	7.41	-74.08	-74.35	-71.20	-63.79	-41.20	-22.59
5720MHz Straddle 5.47-5.725GHz	Pass	1G	4.5G	PK	3.29338G	7.41	-64.04	-65.44	-61.67	-54.26	-27.00	-27.26
5745MHz	Pass	1G	4.5G	AV	4.28081G	7.41	-74.15	-74.43	-71.28	-63.87	-41.20	-22.67
5745MHz	Pass	1G	4.5G	PK	4.40594G	7.41	-64.03	-65.22	-61.57	-54.16	-27.00	-27.16
5785MHz	Pass	1G	4.5G	AV	4.27906G	7.41	-74.41	-74.14	-71.26	-63.85	-41.20	-22.65
5785MHz	Pass	1G	4.5G	PK	4.41294G	7.41	-64.70	-64.61	-61.64	-54.23	-27.00	-27.23
5825MHz	Pass	1G	4.5G	AV	4.24581G	7.41	-74.34	-74.34	-71.33	-63.92	-41.20	-22.72
5825MHz	Pass	1G	4.5G	PK	3.31438G	7.41	-64.86	-64.41	-61.62	-54.21	-27.00	-27.21
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	1G	4.5G	AV	4.27206G	7.41	-74.37	-74.09	-71.22	-63.81	-41.20	-22.61
5190MHz	Pass	1G	4.5G	PK	4.43306G	7.41	-66.95	-63.16	-61.64	-54.23	-27.00	-27.23
5230MHz	Pass	1G	4.5G	AV	4.24713G	7.41	-74.82	-74.00	-71.38	-63.97	-41.20	-22.77
5230MHz	Pass	1G	4.5G	PK	3.46094G	7.41	-65.61	-63.18	-61.22	-53.81	-27.00	-26.81
5270MHz	Pass	1G	4.5G	AV	4.28038G	7.41	-74.42	-74.15	-71.27	-63.86	-41.20	-22.66
5270MHz	Pass	1G	4.5G	PK	3.30738G	7.41	-63.60	-66.21	-61.70	-54.29	-27.00	-27.29
5310MHz	Pass	1G	4.5G	AV	4.24844G	7.41	-74.32	-74.32	-71.31	-63.90	-41.20	-22.70
5310MHz	Pass	1G	4.5G	PK	3.30169G	7.41	-63.73	-66.54	-61.90	-54.49	-27.00	-27.49
5510MHz	Pass	1G	4.5G	AV	4.23969G	7.41	-74.11	-74.39	-71.24	-63.83	-41.20	-22.63
5510MHz	Pass	1G	4.5G	PK	3.27456G	7.41	-64.83	-64.38	-61.59	-54.18	-27.00	-27.18
5550MHz	Pass	1G	4.5G	AV	4.255G	7.41	-74.26	-74.53	-71.38	-63.97	-41.20	-22.77
5550MHz	Pass	1G	4.5G	PK	3.3135G	7.41	-63.94	-65.05	-61.45	-54.04	-27.00	-27.04
5670MHz	Pass	1G	4.5G	AV	4.2515G	7.41	-74.04	-74.04	-71.03	-63.62	-41.20	-22.42
5670MHz	Pass	1G	4.5G	PK	4.40419G	7.41	-64.21	-65.52	-61.81	-54.40	-27.00	-27.40
5710MHz Straddle 5.47-5.725GHz	Pass	1G	4.5G	AV	4.24713G	7.41	-74.33	-74.33	-71.32	-63.91	-41.20	-22.71
5710MHz Straddle 5.47-5.725GHz	Pass	1G	4.5G	PK	4.4685G	7.41	-65.30	-64.50	-61.87	-54.46	-27.00	-27.46
5755MHz	Pass	1G	4.5G	AV	4.24275G	7.41	-74.09	-74.09	-71.08	-63.67	-41.20	-22.47
5755MHz	Pass	1G	4.5G	PK	4.40725G	7.41	-62.76	-68.49	-61.73	-54.32	-27.00	-27.32
5795MHz	Pass	1G	4.5G	AV	4.2585G	7.41	-74.62	-73.79	-71.17	-63.76	-41.20	-22.56
5795MHz	Pass	1G	4.5G	PK	3.27981G	7.41	-66.38	-62.63	-61.10	-53.69	-27.00	-26.69
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	1G	4.5G	AV	4.26463G	7.41	-74.35	-74.07	-71.20	-63.79	-41.20	-22.59
5210MHz	Pass	1G	4.5G	PK	4.43656G	7.41	-66.43	-62.06	-60.71	-53.30	-27.00	-26.30
5290MHz	Pass	1G	4.5G	AV	3.96756G	7.41	-75.93	-72.71	-71.02	-63.61	-41.20	-22.41
5290MHz	Pass	1G	4.5G	PK	4.44488G	7.41	-66.54	-63.72	-61.89	-54.48	-27.00	-27.48
5530MHz	Pass	1G	4.5G	AV	4.25806G	7.41	-74.05	-74.33	-71.18	-63.77	-41.20	-22.57
5530MHz	Pass	1G	4.5G	PK	3.46881G	7.41	-63.69	-65.47	-61.48	-54.07	-27.00	-27.07



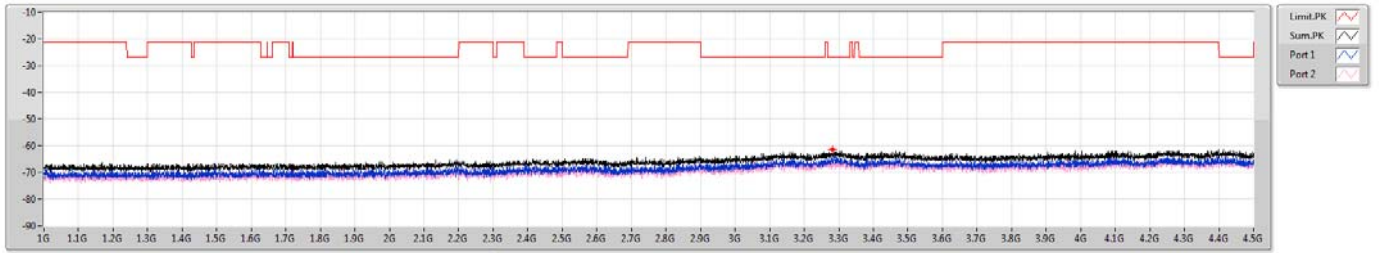
Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5690MHz Straddle 5.47-5.725GHz	Pass	1G	4.5G	AV	4.09925G	7.41	-74.62	-74.08	-71.33	-63.92	-41.20	-22.72
5690MHz Straddle 5.47-5.725GHz	Pass	1G	4.5G	PK	4.40594G	7.41	-63.70	-65.02	-61.30	-53.89	-27.00	-26.89
5775MHz	Pass	1G	4.5G	AV	4.269G	7.41	-74.94	-73.56	-71.19	-63.78	-41.20	-22.58
5775MHz	Pass	1G	4.5G	PK	3.29731G	7.41	-64.13	-66.06	-61.98	-54.57	-27.00	-27.57

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Other [PK]

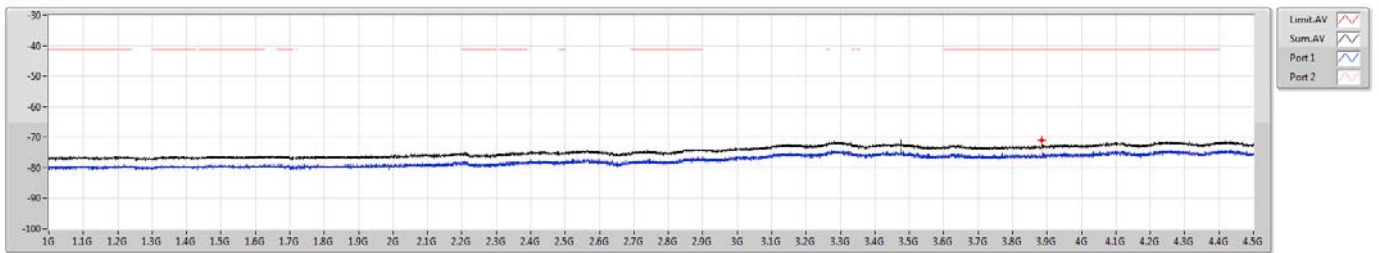
5180MHz



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Other [AV]

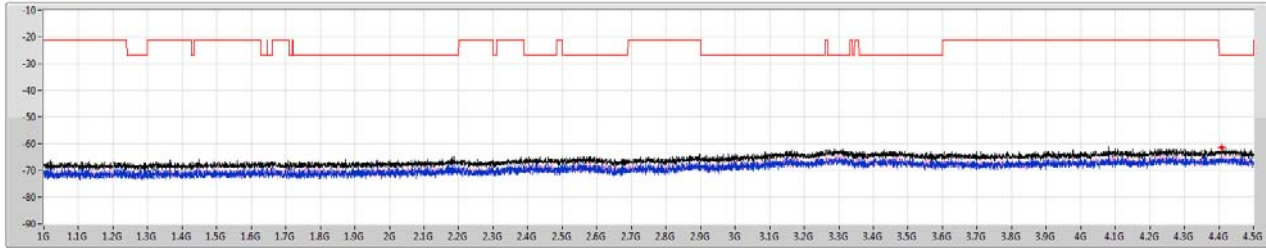
5180MHz



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Other [PK]

5200MHz

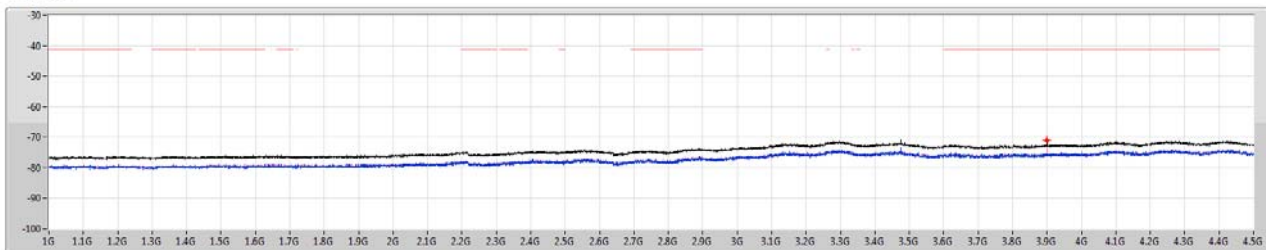


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Psum[dBm]	P1[dBm]	P2[dBm]
1G	4.5G	1M	PK	4.409G	-61.69	-65.13	-61.31

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Other [AV]

5200MHz

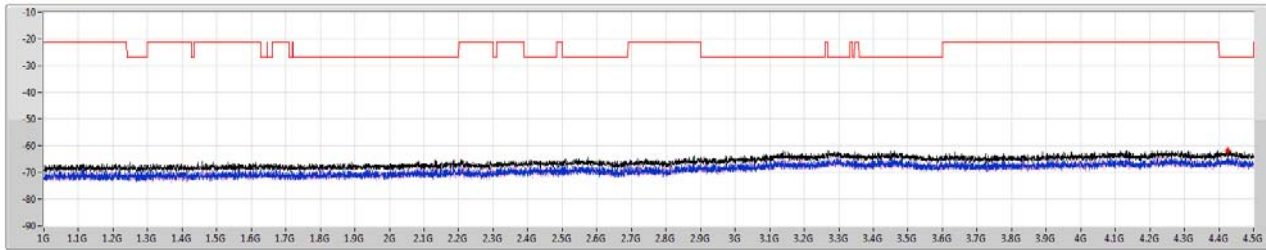


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Psum[dBm]	P1[dBm]	P2[dBm]
1G	4.5G	1M	AV	3.90019G	-71.12	-76.31	-72.69

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Other [PK]

5240MHz

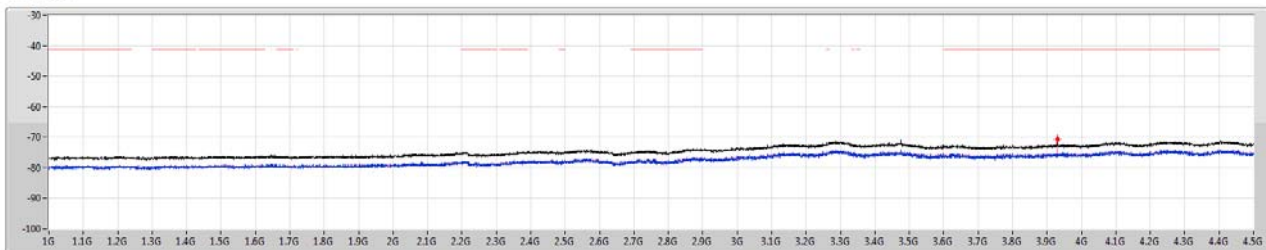


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	PK	4.42606G	-61.82	-64.88	-64.79

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Other [AV]

5240MHz

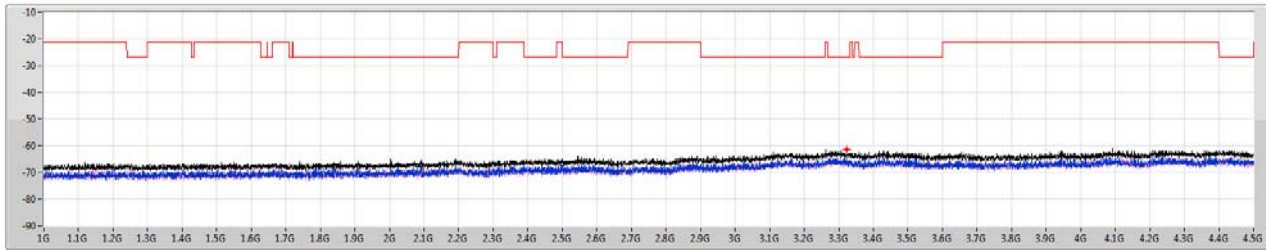


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	AV	3.93038G	-70.86	-75.85	-72.52

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Other [PK]

5260MHz

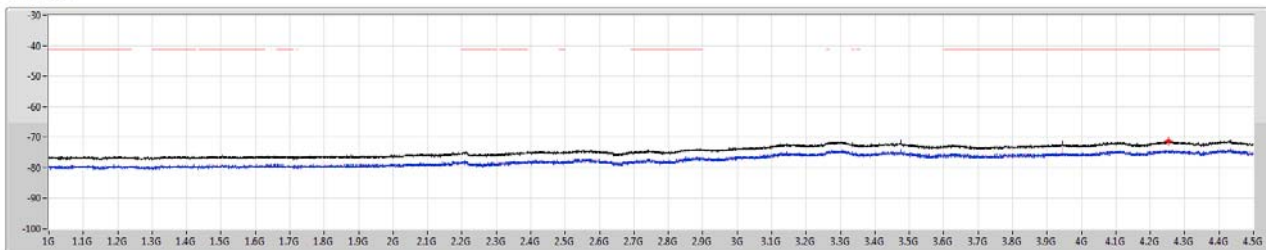


F-Start(FHz)	F-Stop(FHz)	RBW(FHz)	Type	Freq(FHz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	PK	3.32269G	-61.61	-64.54	-64.71

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Other [AV]

5260MHz

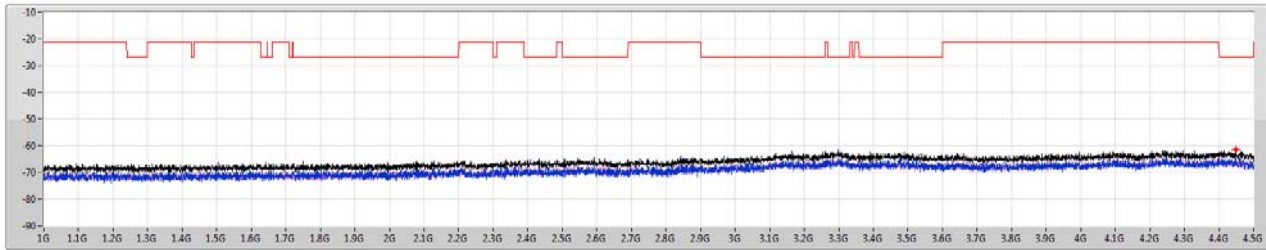


F-Start(FHz)	F-Stop(FHz)	RBW(FHz)	Type	Freq(FHz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	AV	4.25325G	-71.38	-74.53	-74.25

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Other [PK]

5300MHz



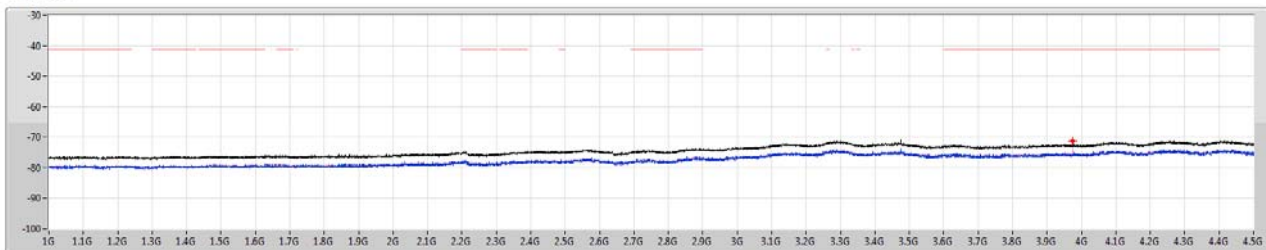
Limit.PK
Sum.PK
Port 1
Port 2

F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	PK	4.44838G	-61.52	-63.58	-65.75

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Other [AV]

5300MHz



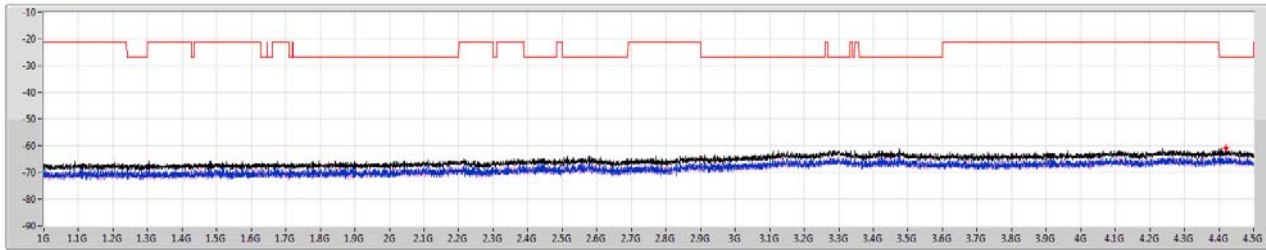
Limit.AV
Sum.AV
Port 1
Port 2

F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	AV	3.975G	-71.34	-75.59	-73.38

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Other [PK]

5320MHz

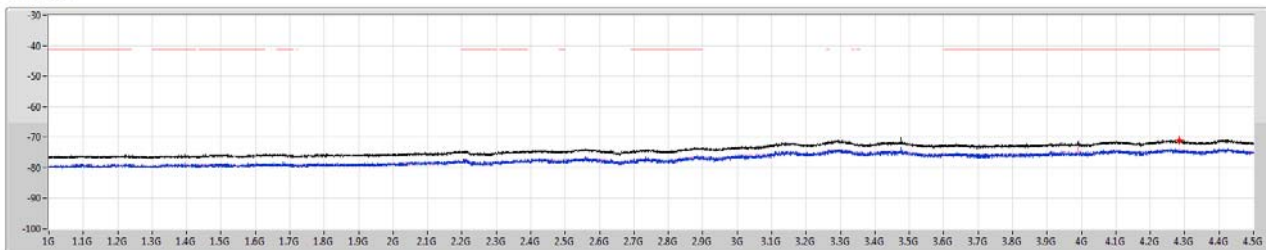


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Psum[dBm]	P1[dBm]	P2[dBm]
1G	4.5G	1M	PK	4.42125G	-61.05	-62.88	-65.70

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Other [AV]

5320MHz

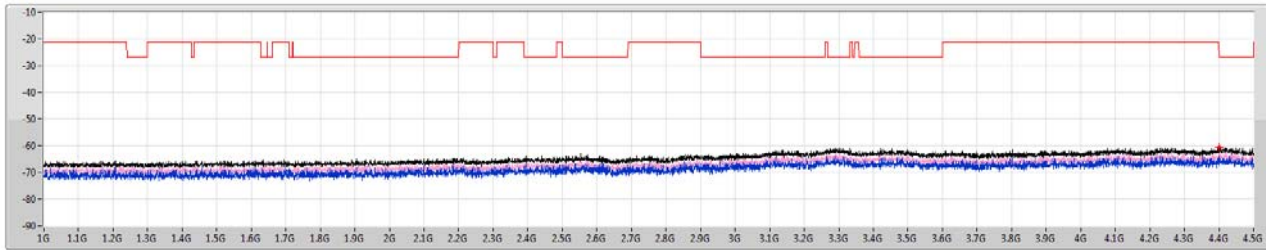


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Psum[dBm]	P1[dBm]	P2[dBm]
1G	4.5G	1M	AV	4.28475G	-71.03	-74.48	-73.65

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Other [PK]

5500MHz

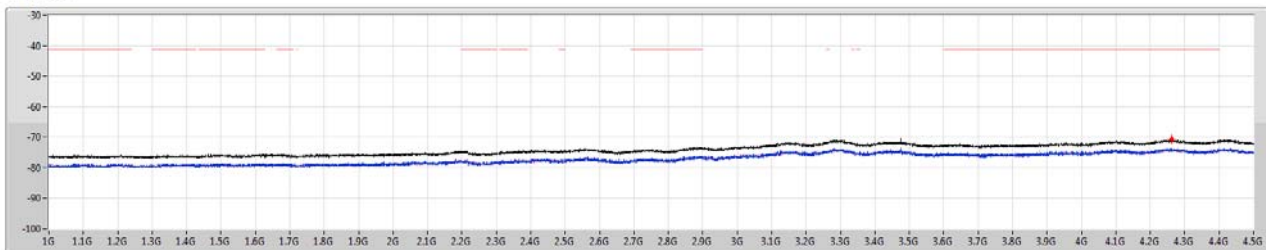


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	PK	4.40069G	-60.75	-65.79	-62.38

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Other [AV]

5500MHz

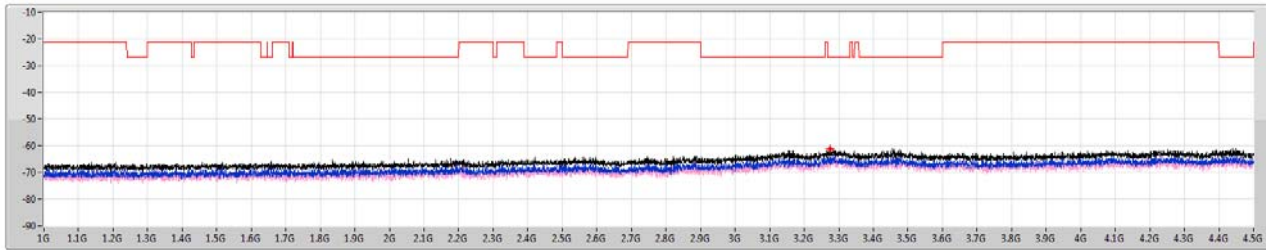


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	AV	4.26288G	-70.79	-73.80	-73.80

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Other [PK]

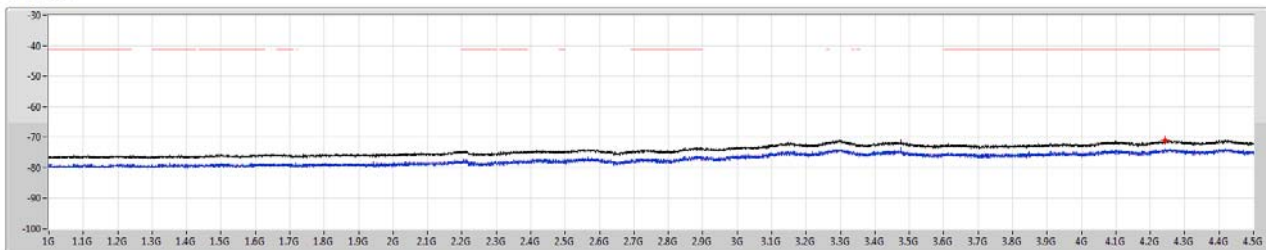
5580MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Other [AV]

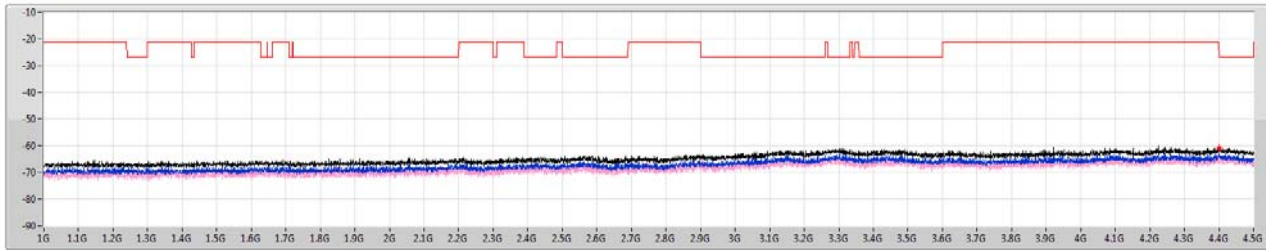
5580MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Other [PK]

5700MHz

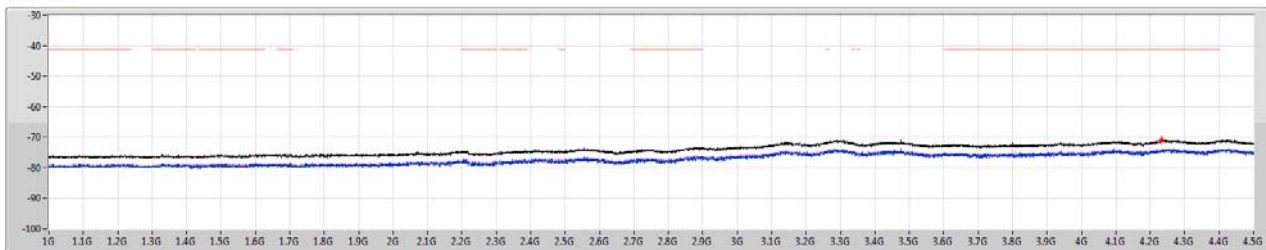


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Psum[dBm]	P1[dBm]	P2[dBm]
1G	4.5G	1M	PK	4.0156G	60.99	62.90	65.47

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Other [AV]

5700MHz

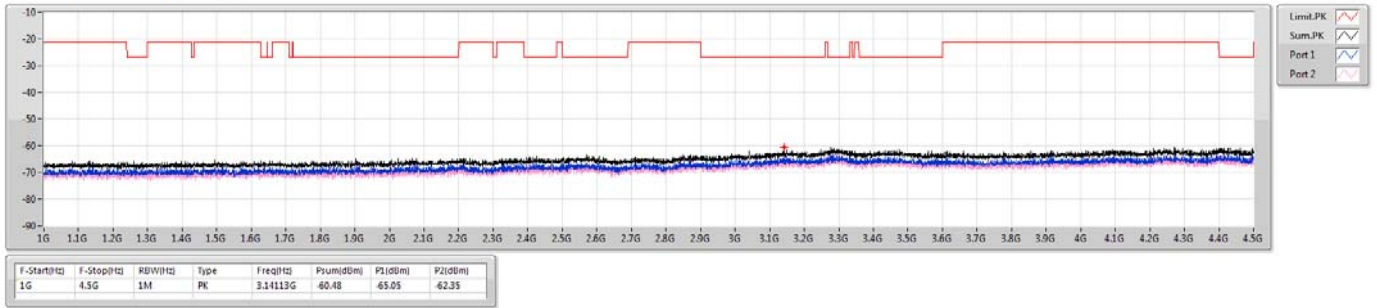


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Psum[dBm]	P1[dBm]	P2[dBm]
1G	4.5G	1M	AV	4.234G	71.02	74.17	73.89

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Other [PK]

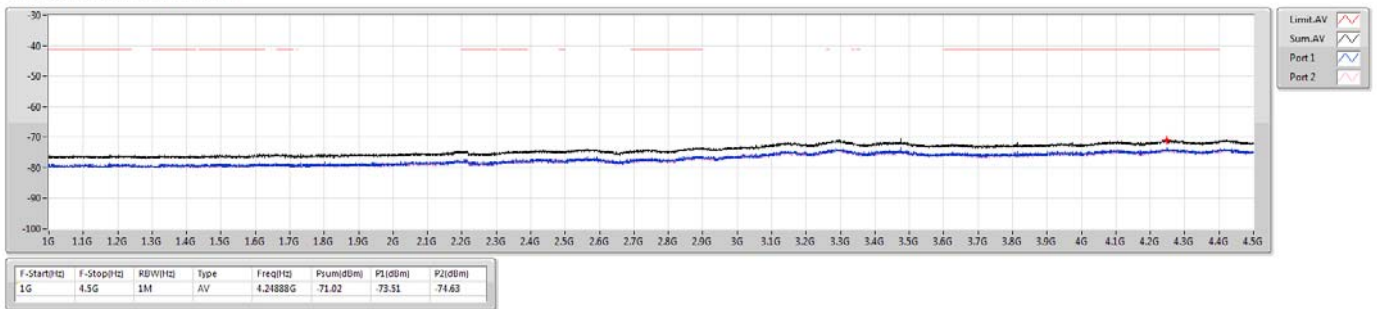
5720MHz Straddle 5.47-5.725GHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Other [AV]

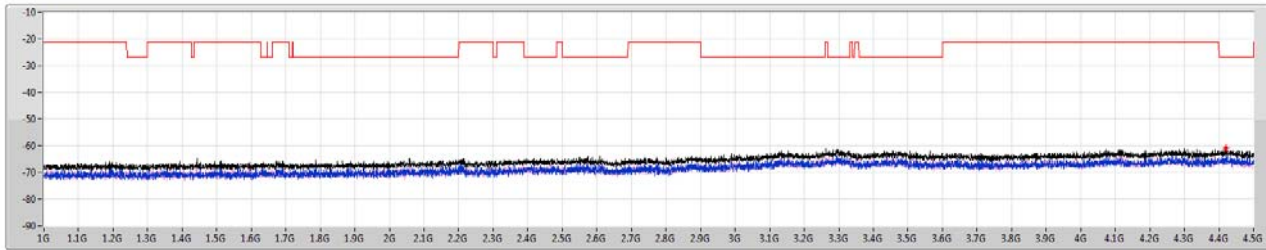
5720MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Other [PK]

5745MHz

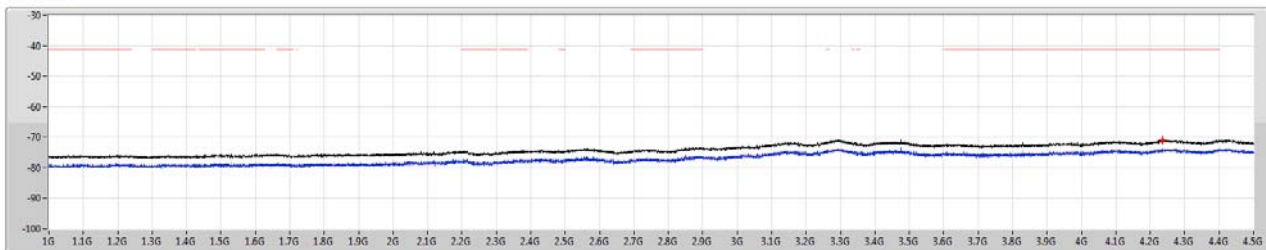


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Psum[dBm]	P1[dBm]	P2[dBm]
1G	4.5G	1M	PK	4.42081G	-61.03	-63.87	-64.22

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Other [AV]

5745MHz

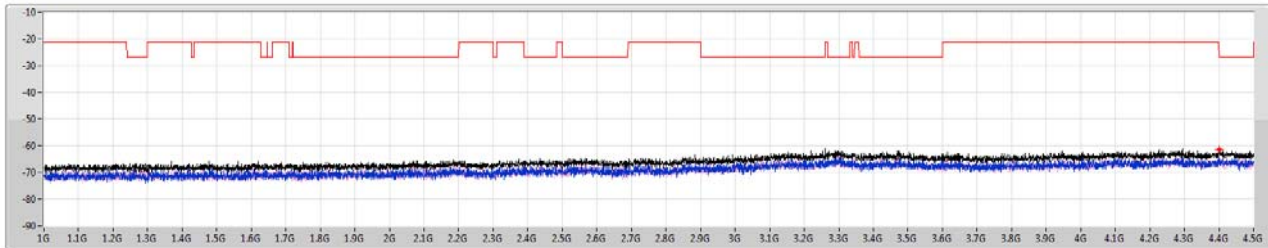


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Psum[dBm]	P1[dBm]	P2[dBm]
1G	4.5G	1M	AV	4.23488G	-71.01	-73.89	-74.16

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Other [PK]

5785MHz

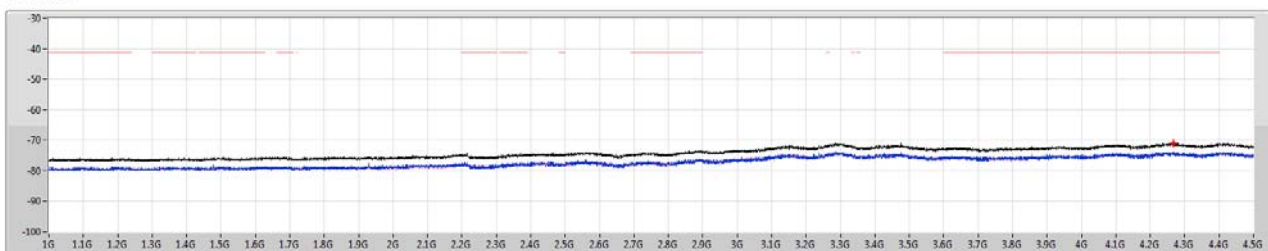


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Psum[dBm]	P1[dBm]	P2[dBm]
1G	4.5G	1M	PK	4.0156G	-61.67	-61.68	-61.68

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Other [AV]

5785MHz

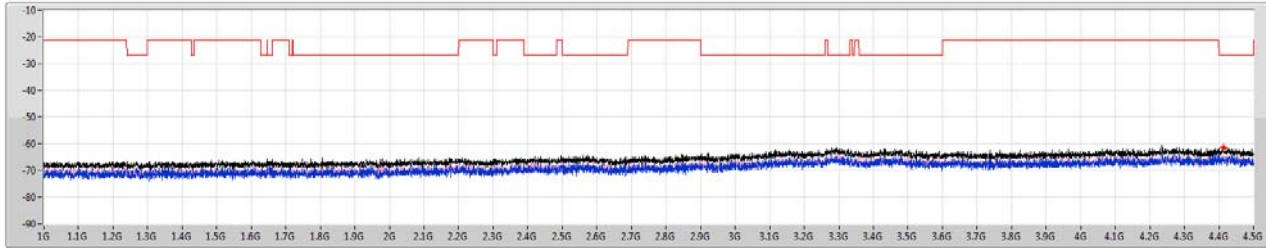


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Psum[dBm]	P1[dBm]	P2[dBm]
1G	4.5G	1M	AV	4.26813G	-71.08	-73.82	-74.38

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Other [PK]

5825MHz

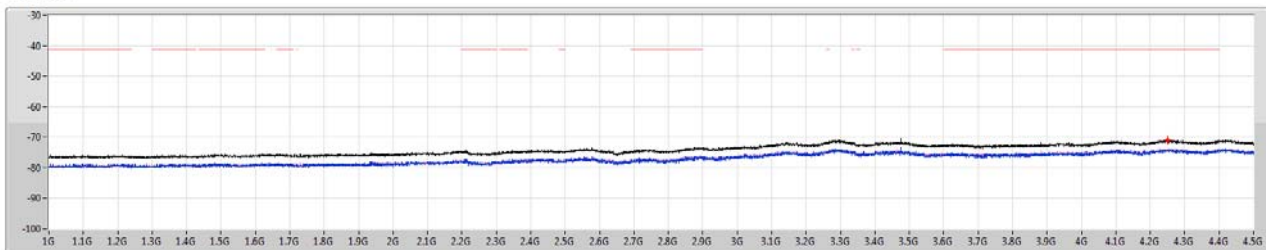


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	PK	4.41381G	-61.60	-65.01	-64.25

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Other [AV]

5825MHz

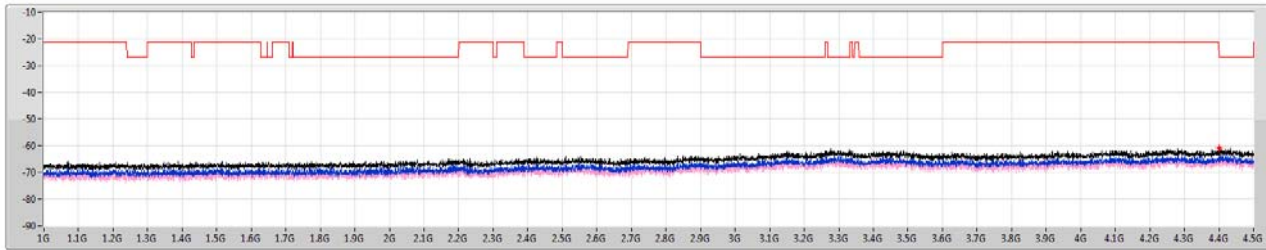


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	AV	4.25106G	-71.03	-74.33	-73.77

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Other [PK]

5180MHz

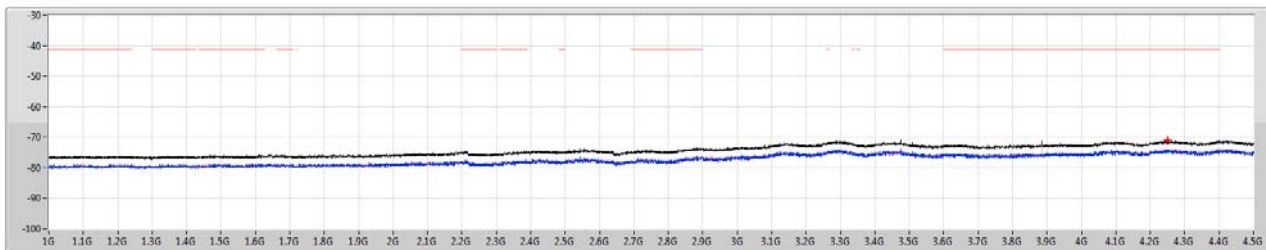


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Psu[m(dBm)]	P1[dBm]	P2[dBm]
1G	4.5G	1M	PK	4.40156G	60.87	63.08	-61.85

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Other [AV]

5180MHz

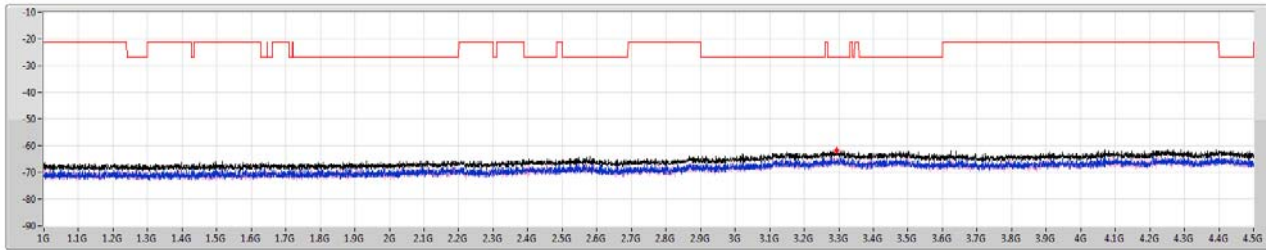


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Psu[m(dBm)]	P1[dBm]	P2[dBm]
1G	4.5G	1M	AV	4.2515G	71.03	74.04	-74.04

5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

CSE Other [PK]

5200MHz

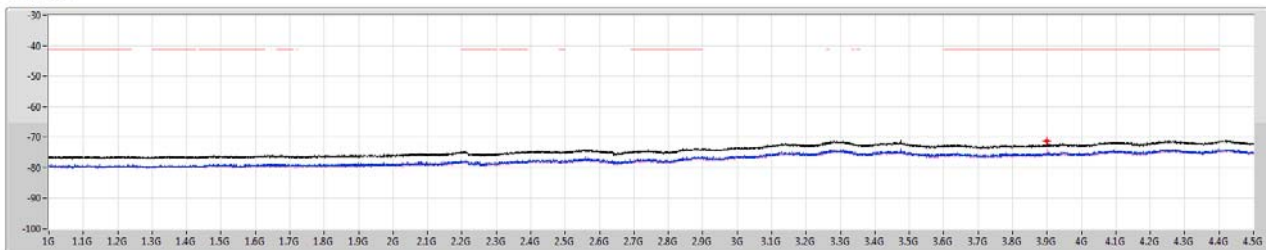


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	PK	3.29513G	-61.98	-65.75	-61.34

5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

CSE Other [AV]

5200MHz

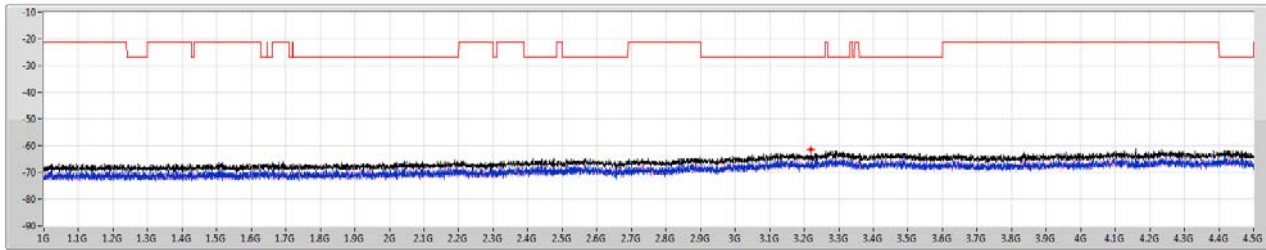


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	AV	3.90019G	-71.20	-75.73	-73.09

5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

CSE Other [PK]

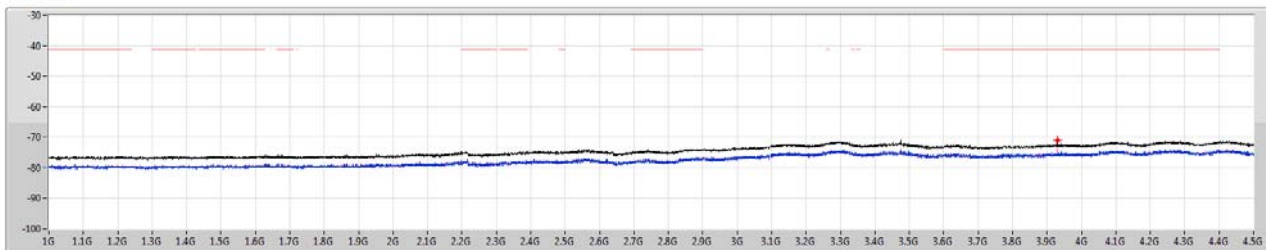
5240MHz



5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

CSE Other [AV]

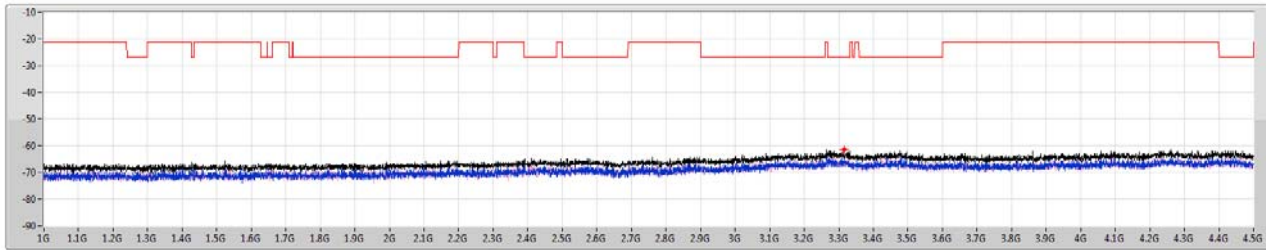
5240MHz



5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Other [PK]

5260MHz

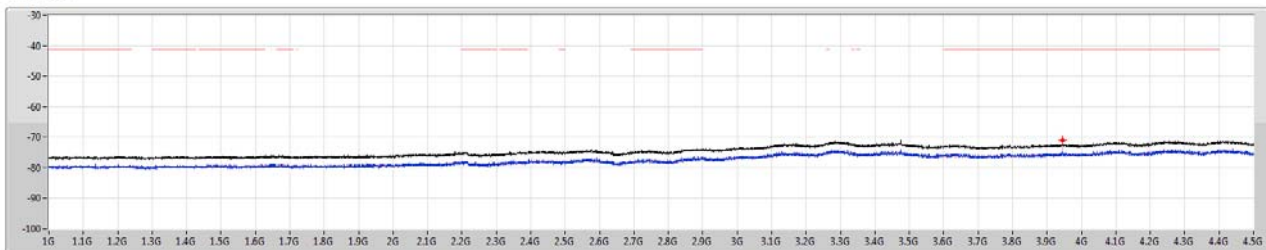


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Psum[dBm]	P1[dBm]	P2[dBm]
1G	4.5G	1M	PK	3.31569G	-61.63	-65.00	-61.31

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Other [AV]

5260MHz



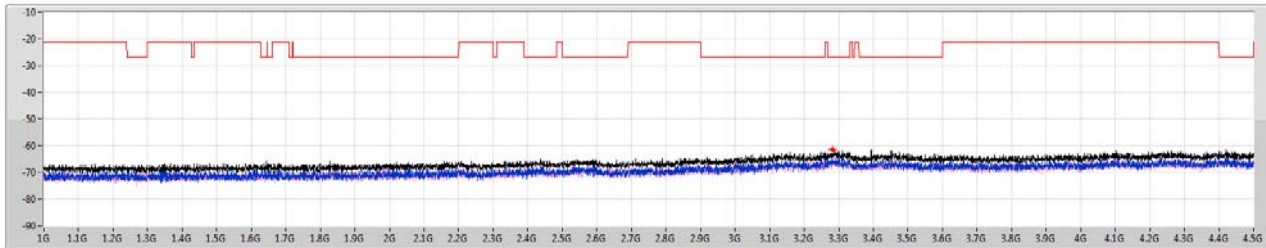
F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Psum[dBm]	P1[dBm]	P2[dBm]
1G	4.5G	1M	AV	3.94325G	-70.91	-74.97	-73.08



5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

CSE Other [PK]

5300MHz

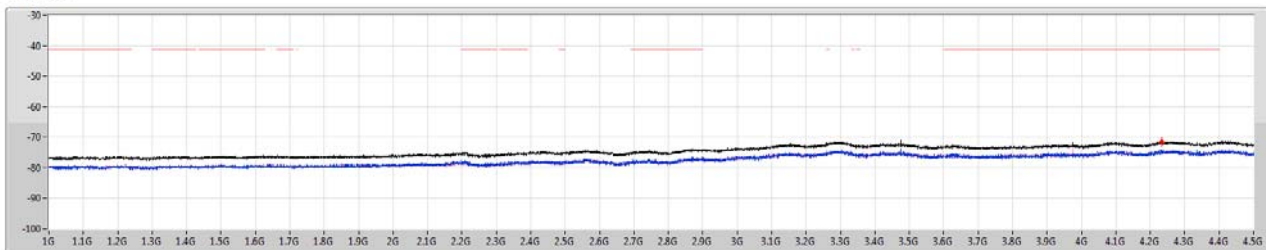


F-Start(Fz)	F-Stop(Fz)	RBW(Fz)	Type	Freq(Fz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	PK	3.28214G	-61.48	-64.76	-64.23

5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

CSE Other [AV]

5300MHz

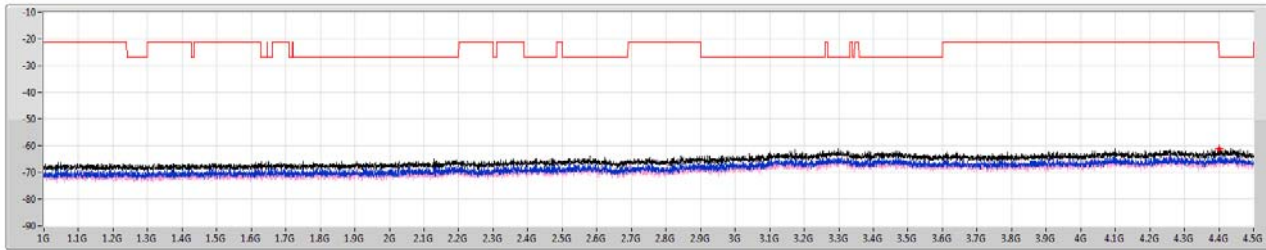


F-Start(Fz)	F-Stop(Fz)	RBW(Fz)	Type	Freq(Fz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	AV	4.23269G	-71.50	-74.38	-74.65

5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

CSE Other [PK]

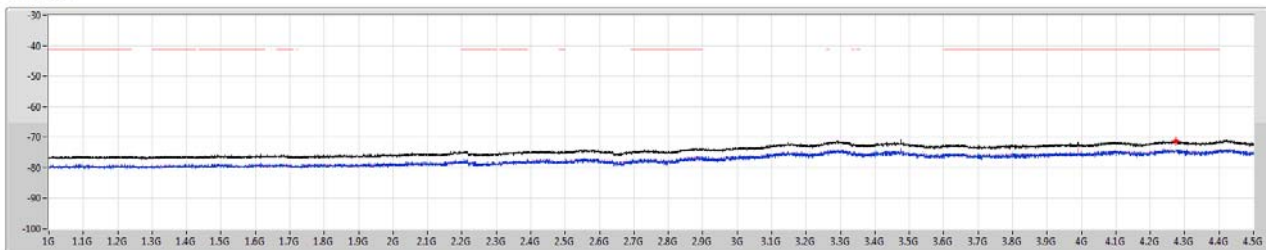
5320MHz



5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

CSE Other [AV]

5320MHz

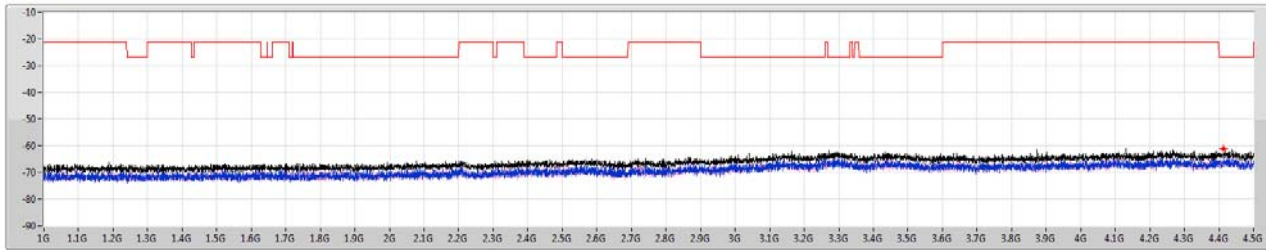




5.47-5.725GHz_802.11ax_HEW20_Nss1.(MCS0)_2TX

CSE Other [PK]

5500MHz

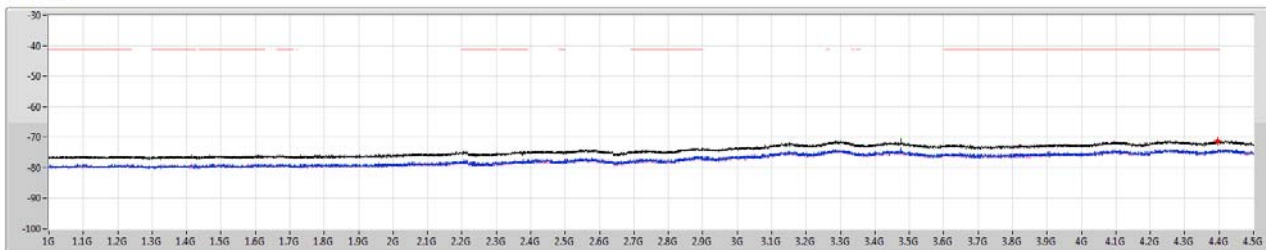


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Psum[dBm]	P1[dBm]	P2[dBm]
1G	4.5G	1M	PK	4.41381G	-61.37	-64.34	-64.43

5.47-5.725GHz_802.11ax_HEW20_Nss1.(MCS0)_2TX

CSE Other [AV]

5500MHz

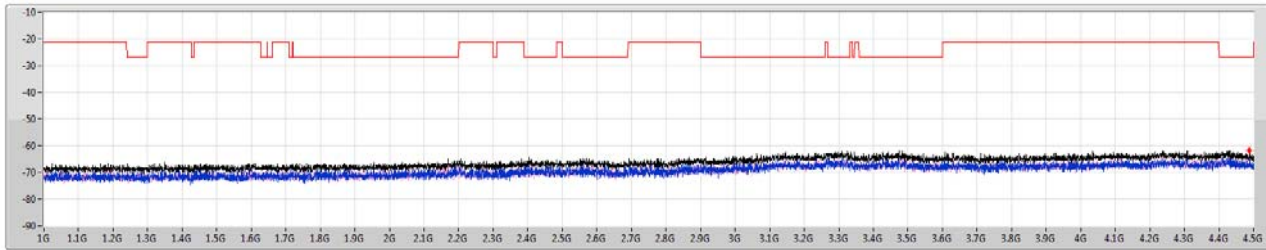


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Psum[dBm]	P1[dBm]	P2[dBm]
1G	4.5G	1M	AV	4.39544G	-71.30	-74.17	-74.45

5.47-5.725GHz_802.11ax_HEW20_Nss1.(MCS0)_2TX

CSE Other [PK]

5580MHz

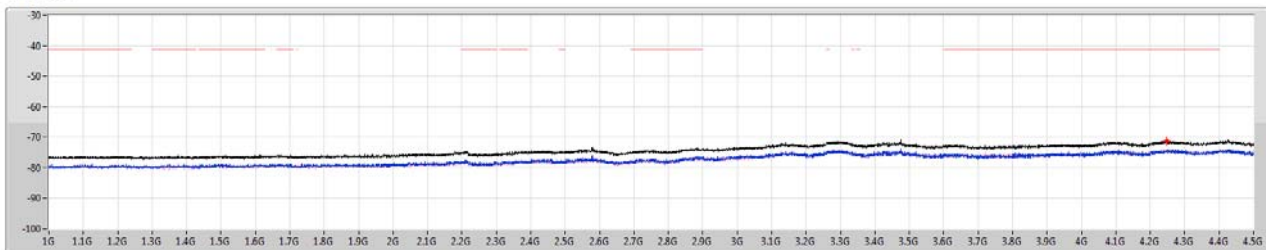


F-Start(Fz)	F-Stop(Fz)	RBW(Fz)	Type	Freq(Fz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	PK	4.48731G	-61.86	-66.56	-63.65

5.47-5.725GHz_802.11ax_HEW20_Nss1.(MCS0)_2TX

CSE Other [AV]

5580MHz

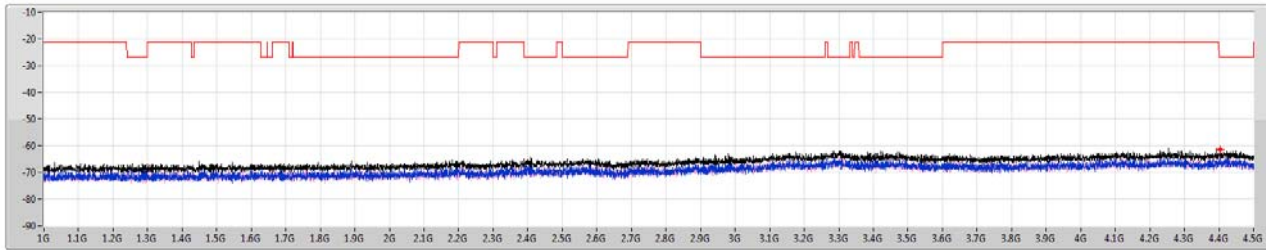


F-Start(Fz)	F-Stop(Fz)	RBW(Fz)	Type	Freq(Fz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	AV	4.248G	-71.31	-74.32	-74.32

5.47-5.725GHz_802.11ax_HEW20_Nss1.(MCS0)_2TX

CSE Other [PK]

5700MHz

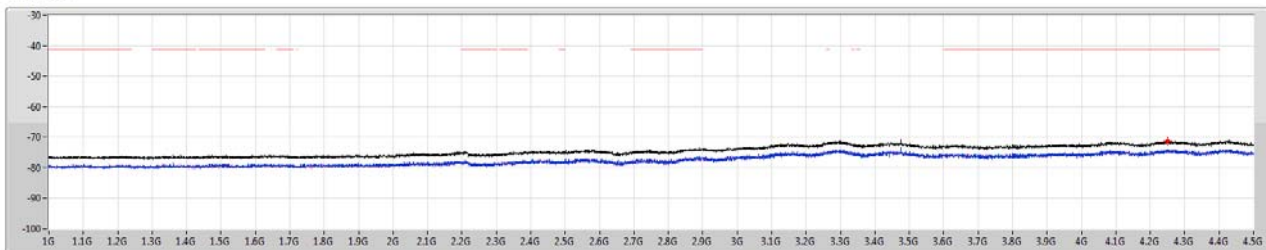


F-Start(Fz)	F-Stop(Fz)	RBW(Fz)	Type	Freq(Fz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	PK	4.40288G	-61.63	-63.47	-66.26

5.47-5.725GHz_802.11ax_HEW20_Nss1.(MCS0)_2TX

CSE Other [AV]

5700MHz

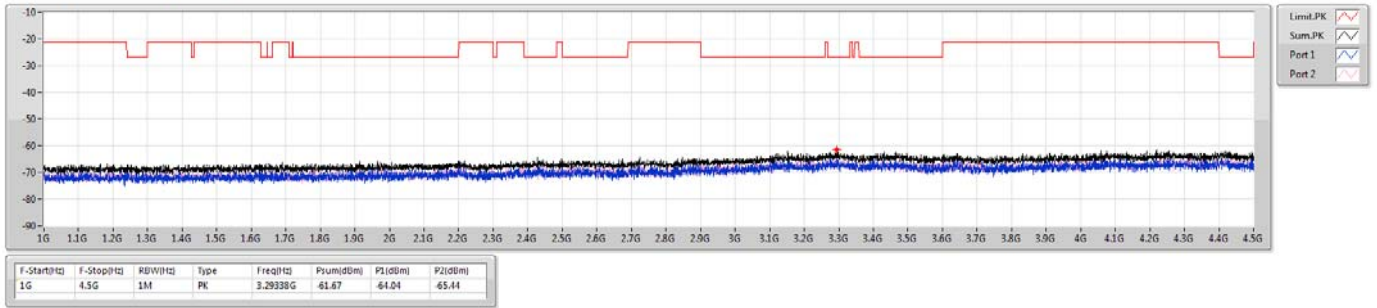


F-Start(Fz)	F-Stop(Fz)	RBW(Fz)	Type	Freq(Fz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	AV	4.24975G	-71.29	-74.03	-74.59

5.47-5.725GHz_802.11ax_HEW20_Nss1.(MCS0)_2TX

CSE Other [PK]

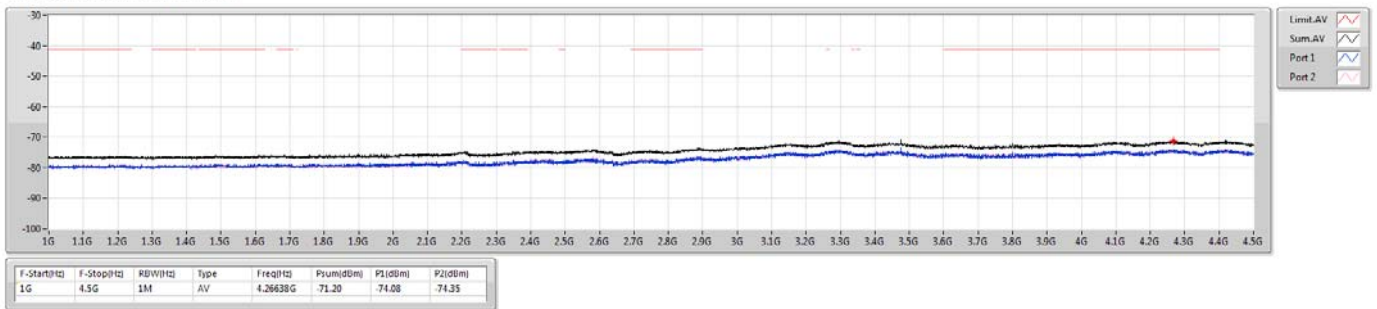
5720MHz Straddle 5.47-5.725GHz



5.47-5.725GHz_802.11ax_HEW20_Nss1.(MCS0)_2TX

CSE Other [AV]

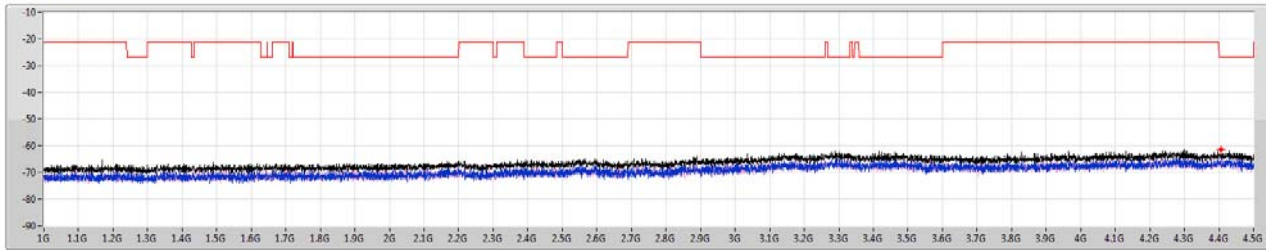
5720MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11ax_HEW20_Nss1.(MCS0)_2TX

CSE Other [PK]

5745MHz

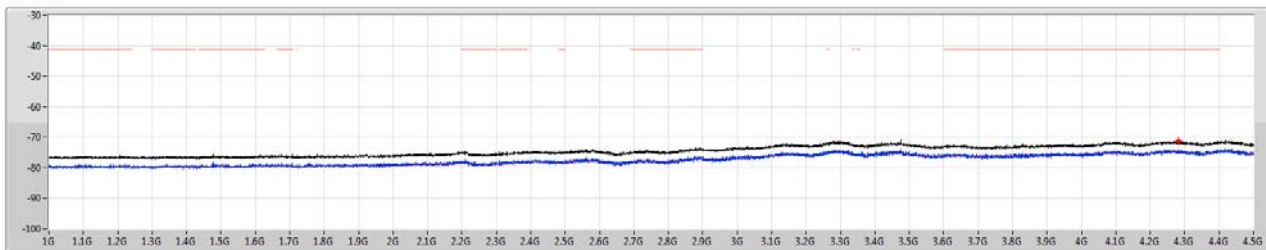


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	PK	4.40994G	-61.57	-64.03	-65.22

5.725-5.85GHz_802.11ax_HEW20_Nss1.(MCS0)_2TX

CSE Other [AV]

5745MHz

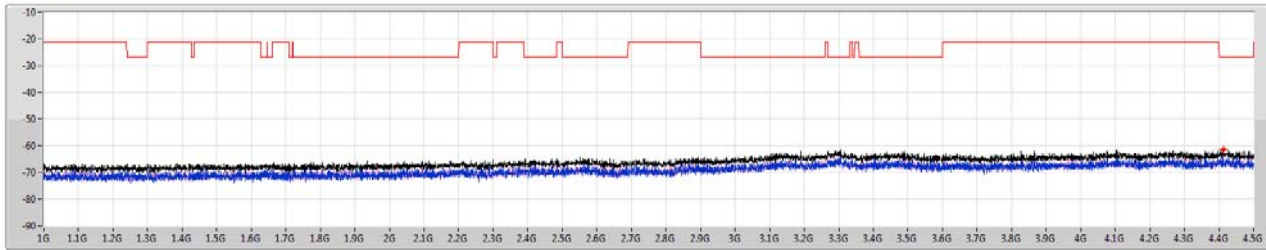


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	AV	4.28081G	-71.28	-74.15	-74.43

5.725-5.85GHz_802.11ax_HEW20_Nss1.(MCS0)_2TX

CSE Other [PK]

5785MHz

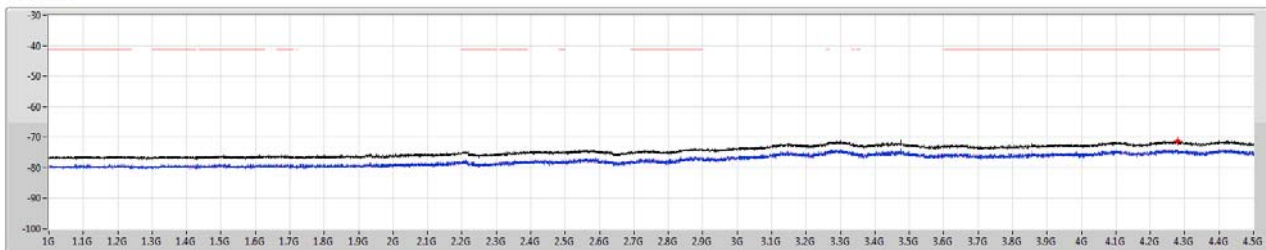


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Psum[dBm]	P1[dBm]	P2[dBm]
1G	4.5G	1M	PK	4.41294G	-61.64	-64.70	-64.61

5.725-5.85GHz_802.11ax_HEW20_Nss1.(MCS0)_2TX

CSE Other [AV]

5785MHz

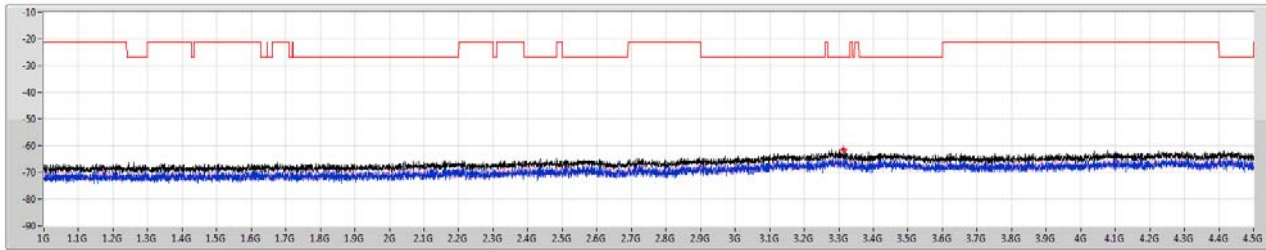


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Psum[dBm]	P1[dBm]	P2[dBm]
1G	4.5G	1M	AV	4.27906G	-71.26	-74.41	-74.14

5.725-5.85GHz_802.11ax_HEW20_Nss1.(MCS0)_2TX

CSE Other [PK]

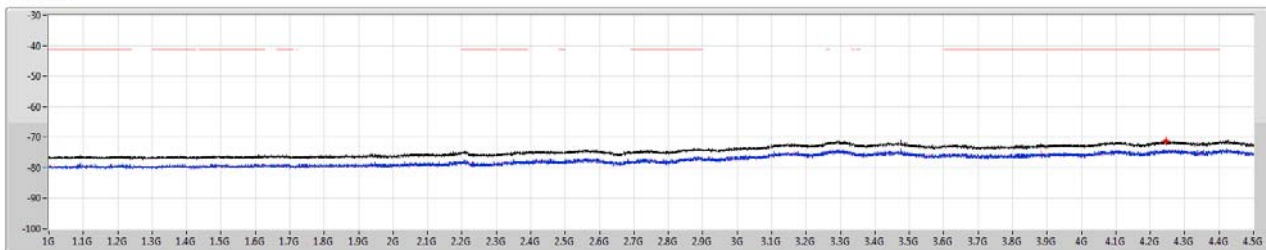
5825MHz



5.725-5.85GHz_802.11ax_HEW20_Nss1.(MCS0)_2TX

CSE Other [AV]

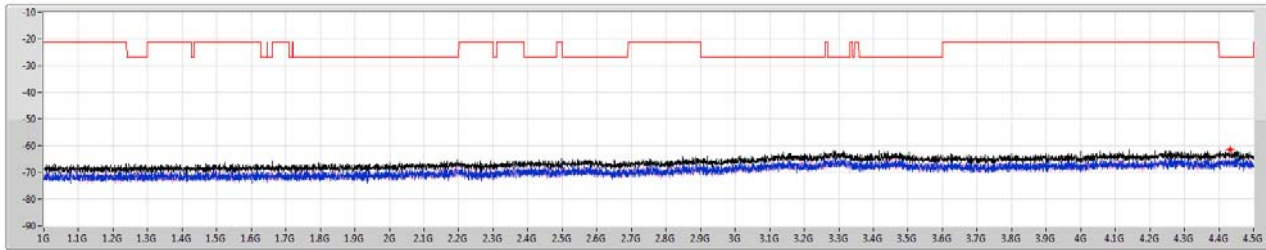
5825MHz



5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Other [PK]

5190MHz

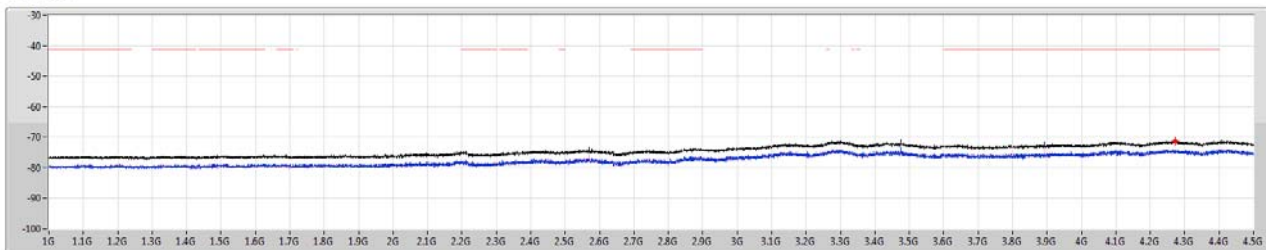


F-Start(FHz)	F-Stop(FHz)	RBW(FHz)	Type	Freq(FHz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	PK	4.43306G	-61.64	-66.95	-63.16

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Other [AV]

5190MHz

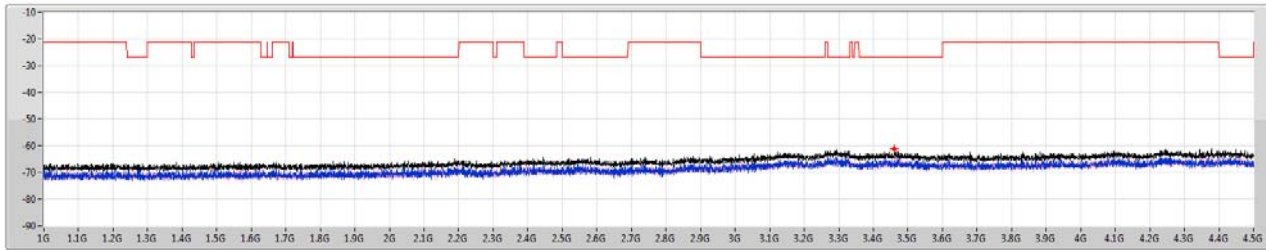


F-Start(FHz)	F-Stop(FHz)	RBW(FHz)	Type	Freq(FHz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	AV	4.27206G	-71.22	-74.37	-74.09

5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

CSE Other [PK]

5230MHz

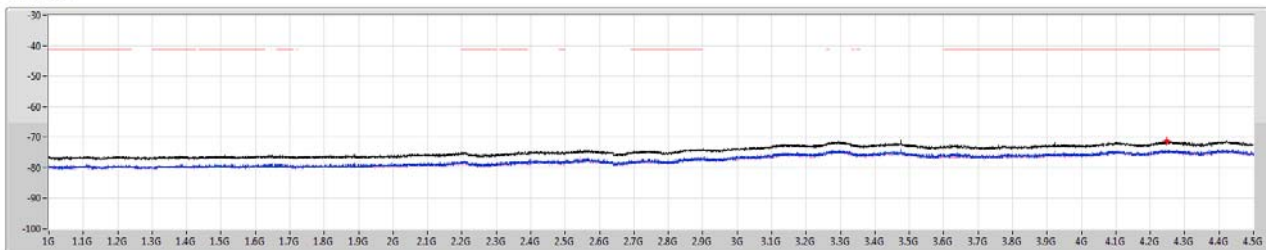


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Psum[dBm]	P1[dBm]	P2[dBm]
1G	4.5G	1M	PK	3.46094G	61.22	65.61	63.18

5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

CSE Other [AV]

5230MHz

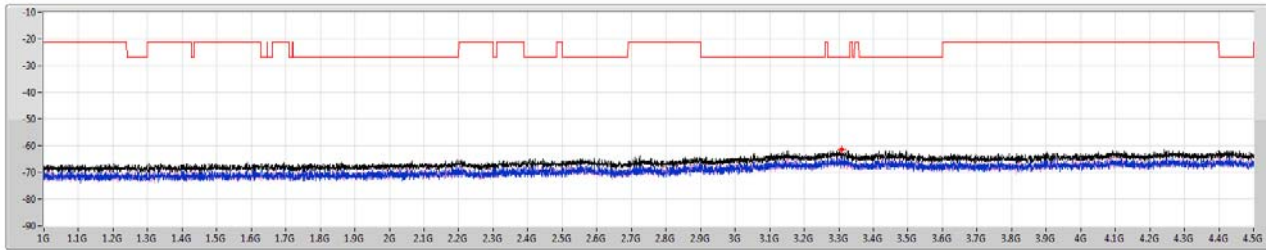


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Psum[dBm]	P1[dBm]	P2[dBm]
1G	4.5G	1M	AV	4.24713G	71.38	74.82	74.00

5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

CSE Other [PK]

5270MHz

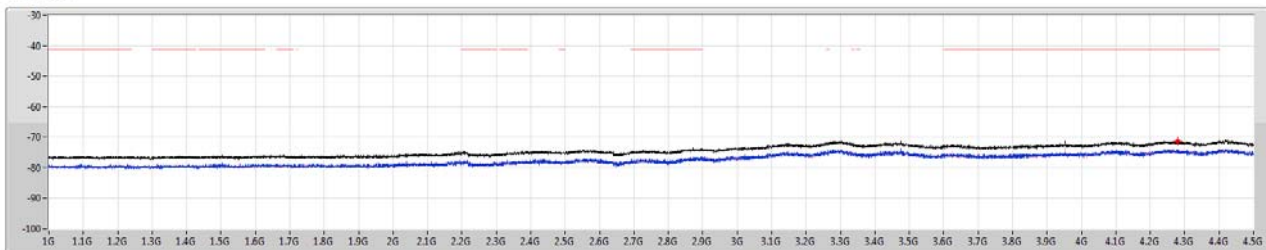


F-Start(Fz)	F-Stop(Fz)	RBW(Fz)	Type	Freq(Fz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	PK	3.30738G	-61.70	-63.60	-66.21

5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

CSE Other [AV]

5270MHz

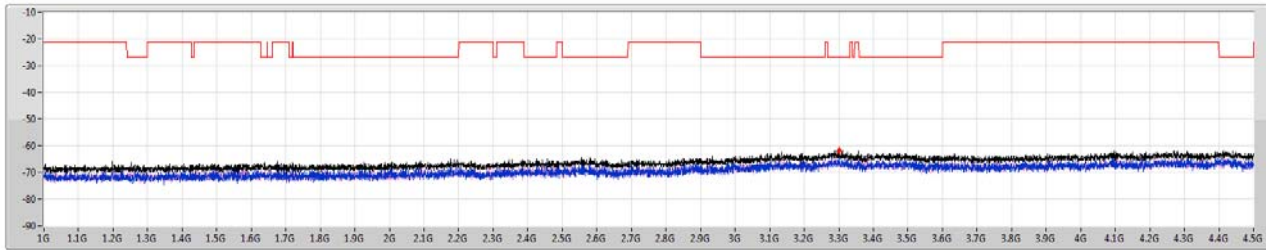


F-Start(Fz)	F-Stop(Fz)	RBW(Fz)	Type	Freq(Fz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	AV	4.28038G	-71.27	-74.42	-74.15

5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

CSE Other [PK]

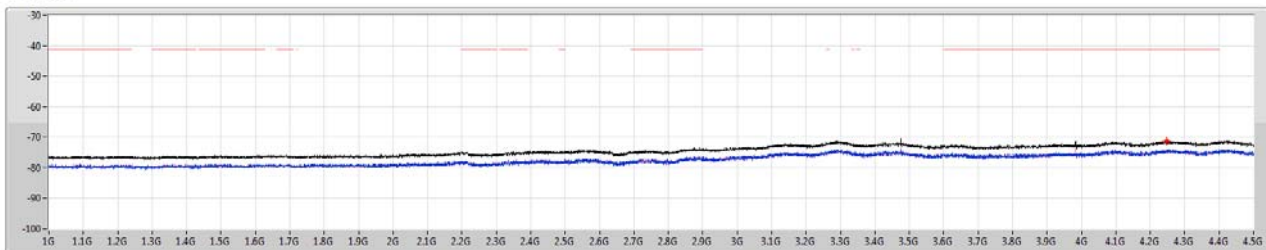
5310MHz



5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

CSE Other [AV]

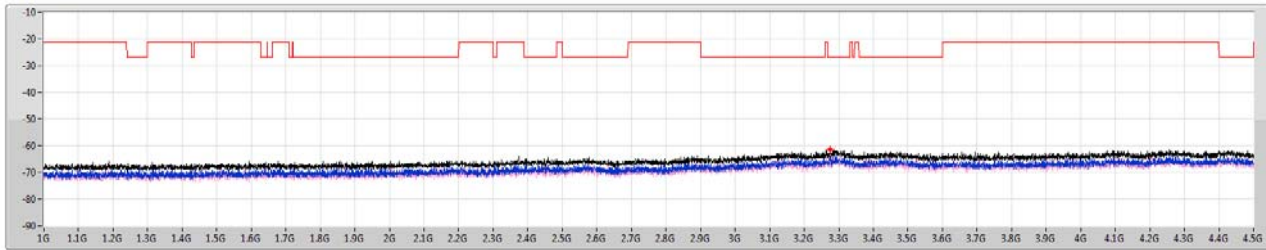
5310MHz



5.47-5.725GHz_802.11ax_HEW40_Nss1.(MCS0)_2TX

CSE Other [PK]

5510MHz

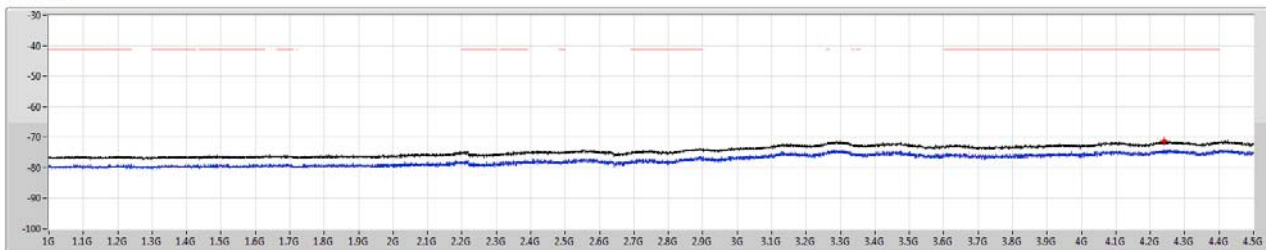


F-Start(fz)	F-Stop(fz)	RBW(fz)	Type	Freq(fz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	PK	3.27456G	-61.59	-64.83	-64.38

5.47-5.725GHz_802.11ax_HEW40_Nss1.(MCS0)_2TX

CSE Other [AV]

5510MHz



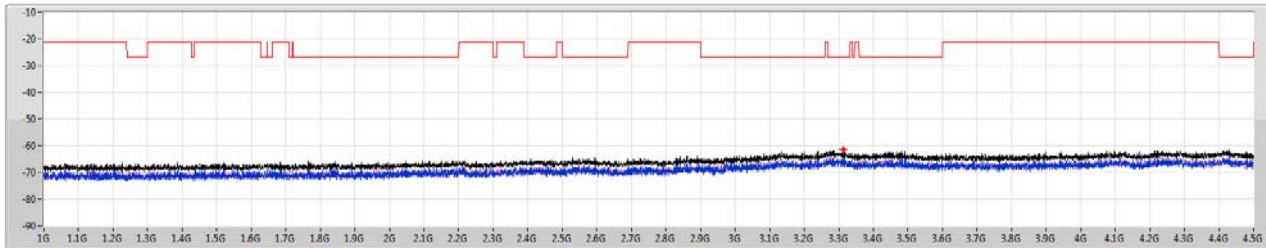
F-Start(fz)	F-Stop(fz)	RBW(fz)	Type	Freq(fz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	AV	4.23969G	-71.24	-74.11	-74.39



5.47-5.725GHz_802.11ax_HEW40_Nss1.(MCS0)_2TX

CSE Other [PK]

5550MHz

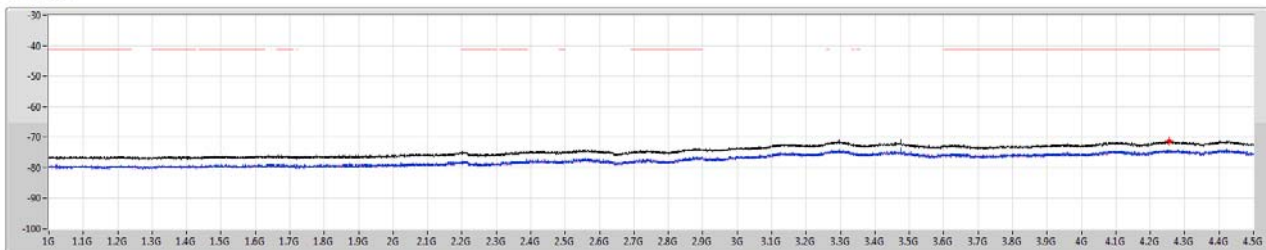


F-Start(FHz)	F-Stop(FHz)	RBW(FHz)	Type	Freq(FHz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	PK	3.3135G	-61.45	-63.94	-65.05

5.47-5.725GHz_802.11ax_HEW40_Nss1.(MCS0)_2TX

CSE Other [AV]

5550MHz



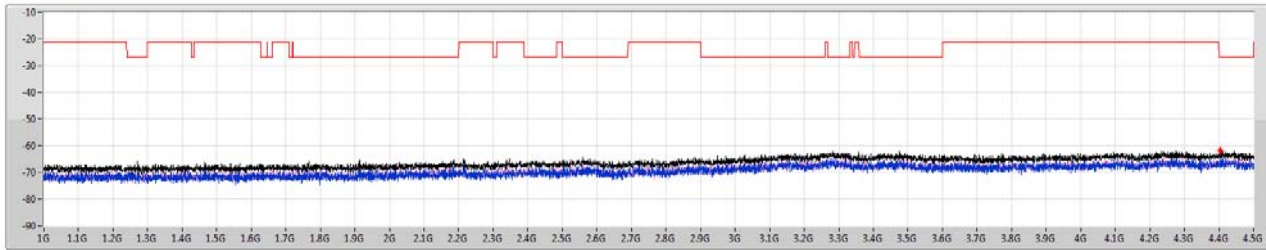
F-Start(FHz)	F-Stop(FHz)	RBW(FHz)	Type	Freq(FHz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	AV	4.255G	-71.38	-74.26	-74.53



5.47-5.725GHz_802.11ax_HEW40_Nss1.(MCS0)_2TX

CSE Other [PK]

5670MHz

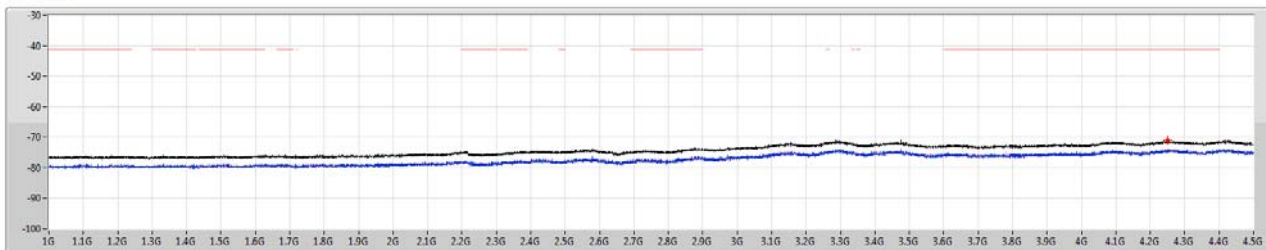


F-Start(Fz)	F-Stop(Fz)	RBW(Fz)	Type	Freq(Fz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	PK	4.40419G	-61.81	-64.21	-65.52

5.47-5.725GHz_802.11ax_HEW40_Nss1.(MCS0)_2TX

CSE Other [AV]

5670MHz



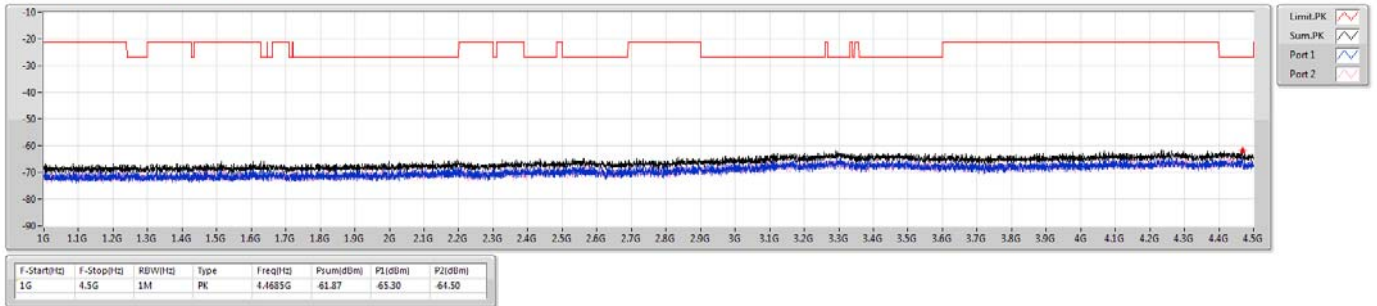
F-Start(Fz)	F-Stop(Fz)	RBW(Fz)	Type	Freq(Fz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	AV	4.2515G	-71.03	-74.04	-74.04



5.47-5.725GHz_802.11ax_HEW40_Nss1.(MCS0)_2TX

CSE Other [PK]

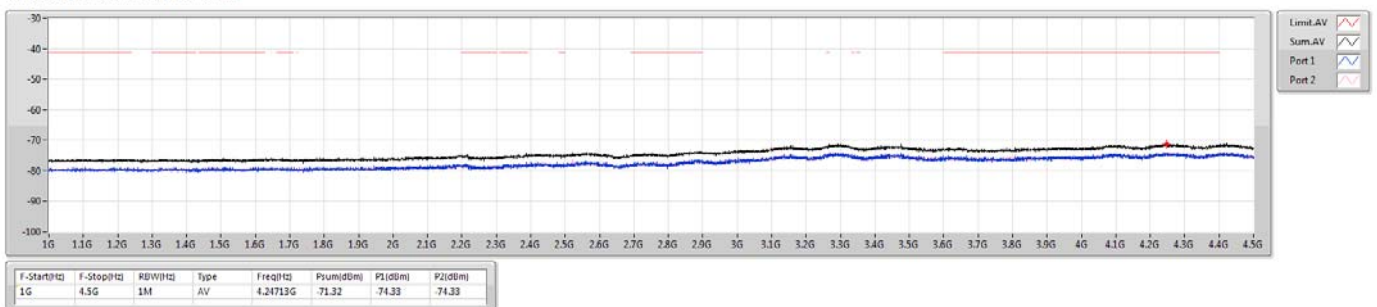
5710MHz Straddle 5.47-5.725GHz



5.47-5.725GHz_802.11ax_HEW40_Nss1.(MCS0)_2TX

CSE Other [AV]

5710MHz Straddle 5.47-5.725GHz

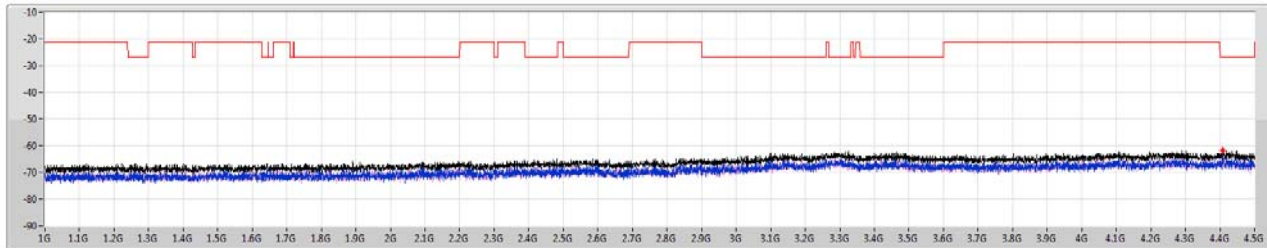




5.725-5.85GHz_802.11ax_HEW40_Nss1.(MCS0)_2TX

CSE Other [PK]

5755MHz

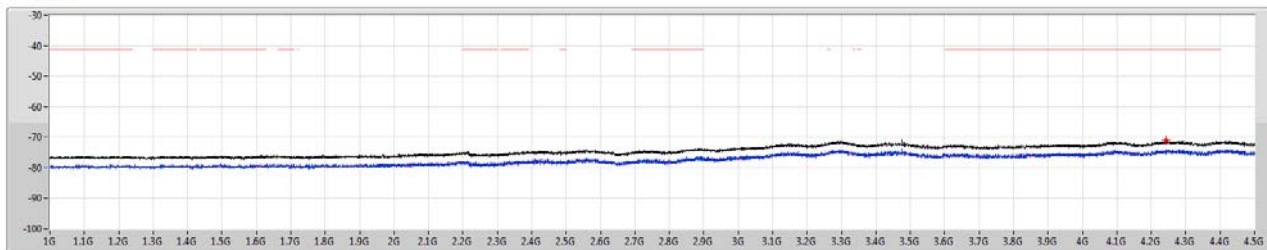


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Psum[dBm]	P1[dBm]	P2[dBm]
1G	4.5G	1M	PK	4.40725G	-61.73	-62.76	-68.49

5.725-5.85GHz_802.11ax_HEW40_Nss1.(MCS0)_2TX

CSE Other [AV]

5755MHz

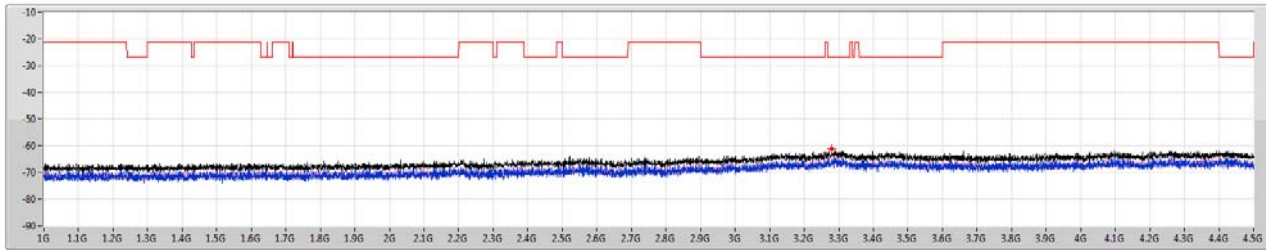


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Psum[dBm]	P1[dBm]	P2[dBm]
1G	4.5G	1M	AV	4.41275G	-71.08	-74.09	-74.09

5.725-5.85GHz_802.11ax_HEW40_Nss1.(MCS0)_2TX

CSE Other [PK]

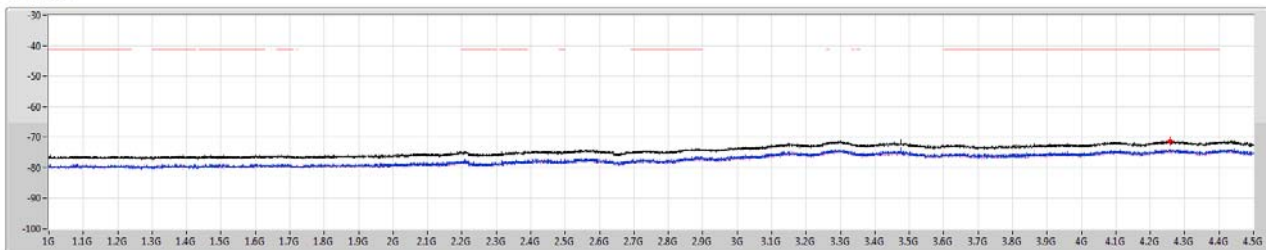
5795MHz



5.725-5.85GHz_802.11ax_HEW40_Nss1.(MCS0)_2TX

CSE Other [AV]

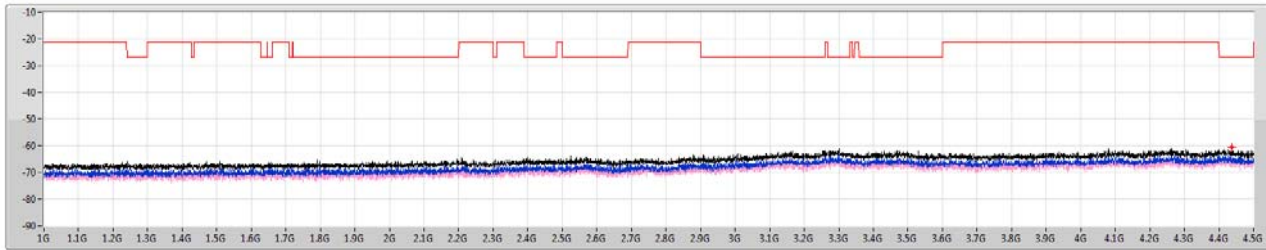
5795MHz



5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

CSE Other [PK]

5210MHz

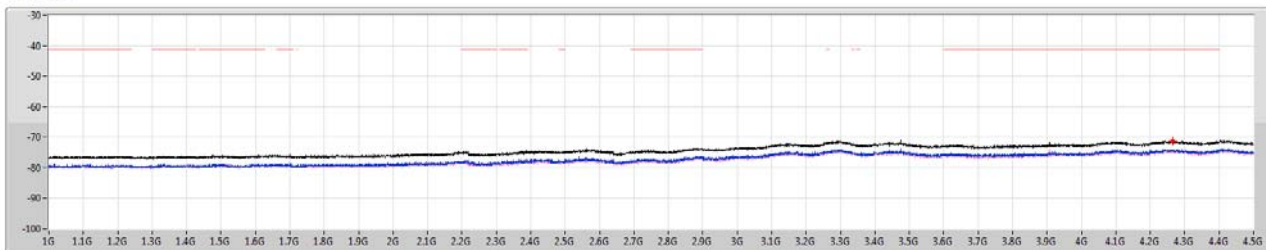


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Power[dBm]	P1[dBm]	P2[dBm]
1G	4.5G	1M	PK	4.43856G	60.71	66.43	62.06

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

CSE Other [AV]

5210MHz

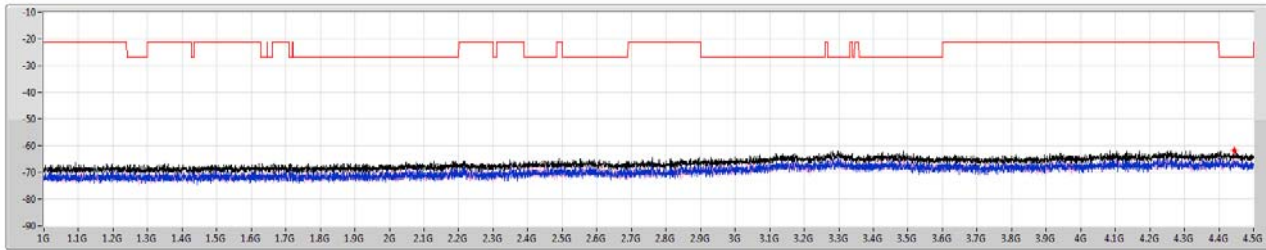


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Power[dBm]	P1[dBm]	P2[dBm]
1G	4.5G	1M	AV	4.28463G	71.20	74.35	74.07

5.25-5.35GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

CSE Other [PK]

5290MHz

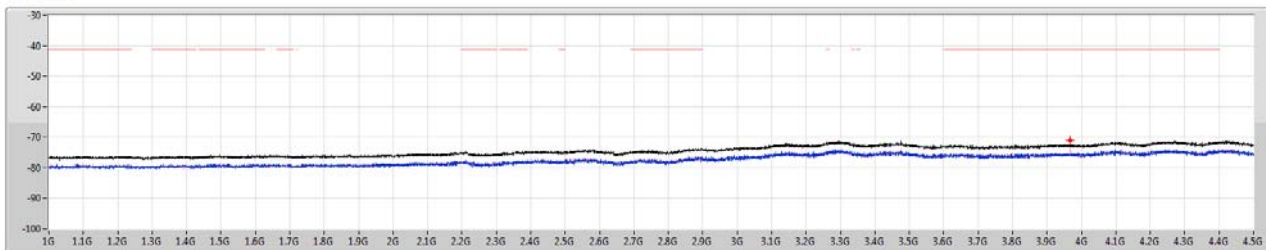


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	PK	4.44488G	-61.89	-66.54	-63.72

5.25-5.35GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

CSE Other [AV]

5290MHz



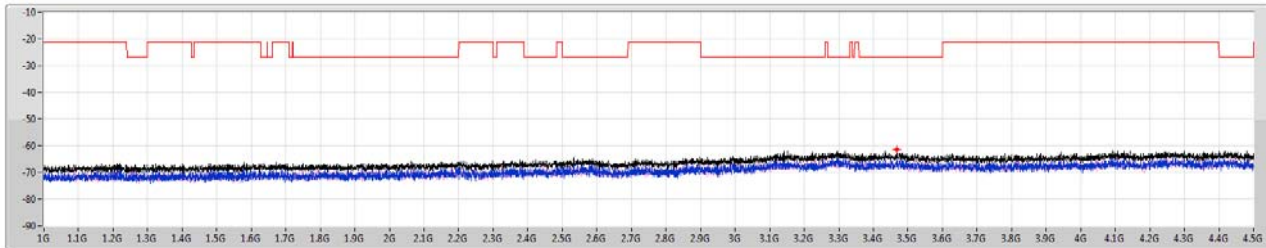
F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	AV	3.96756G	-71.02	-75.93	-72.71



5.47-5.725GHz_802.11ax_HEW80_Nss1.(MCS0)_2TX

CSE Other [PK]

5530MHz

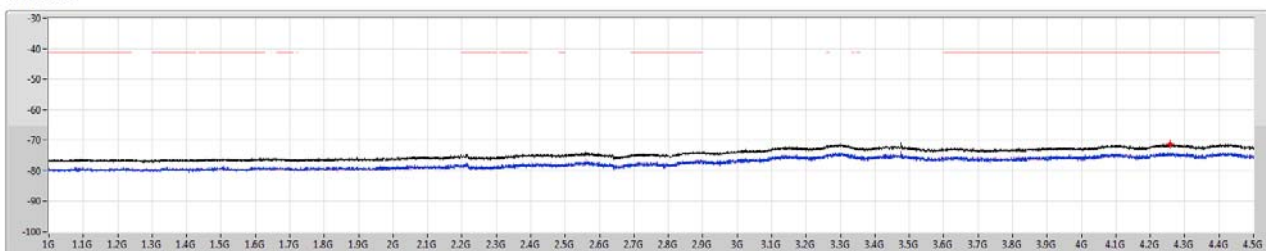


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Psum[dBm]	P1[dBm]	P2[dBm]
1G	4.5G	1M	PK	3.46881G	-61.48	-63.69	-65.47

5.47-5.725GHz_802.11ax_HEW80_Nss1.(MCS0)_2TX

CSE Other [AV]

5530MHz



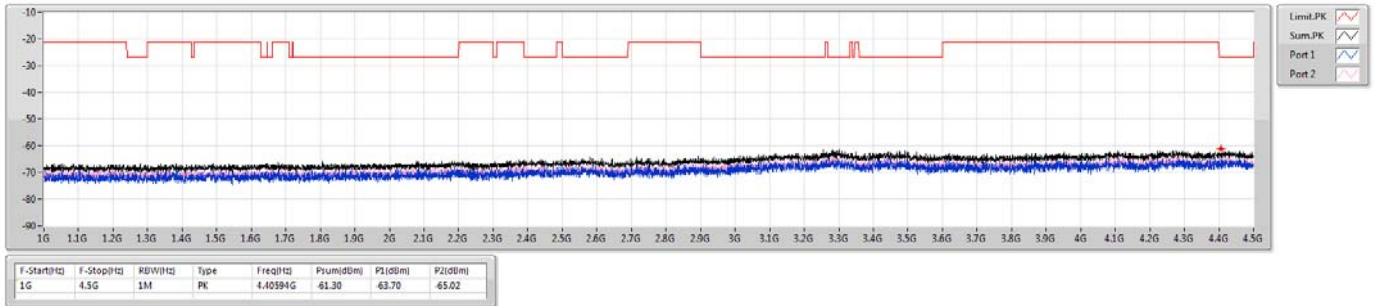
F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Psum[dBm]	P1[dBm]	P2[dBm]
1G	4.5G	1M	AV	4.25306G	-71.18	-74.05	-74.33



5.47-5.725GHz_802.11ax_HEW80_Nss1.(MCS0)_2TX

CSE Other [PK]

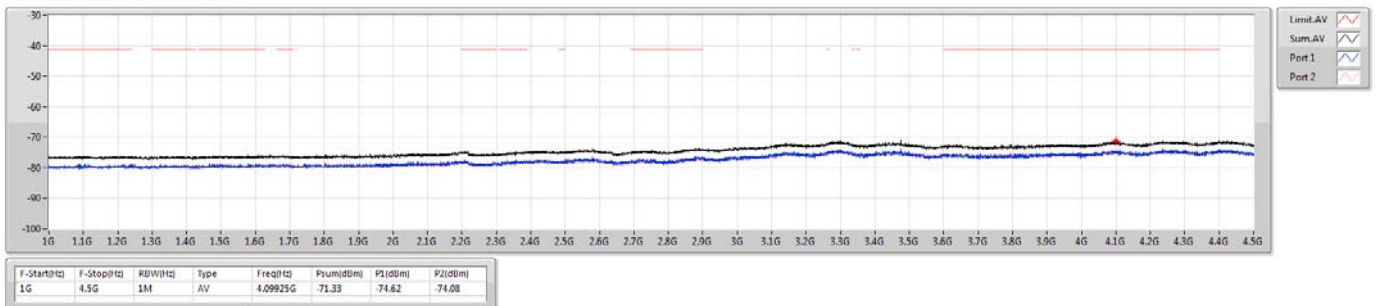
5690MHz Straddle 5.47-5.725GHz



5.47-5.725GHz_802.11ax_HEW80_Nss1.(MCS0)_2TX

CSE Other [AV]

5690MHz Straddle 5.47-5.725GHz

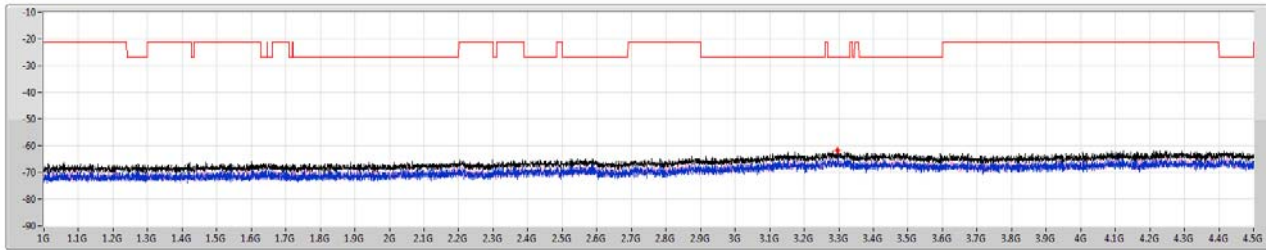




5.725-5.85GHz_802.11ax_HEW80_Nss1.(MCS0)_2TX

CSE Other [PK]

5775MHz

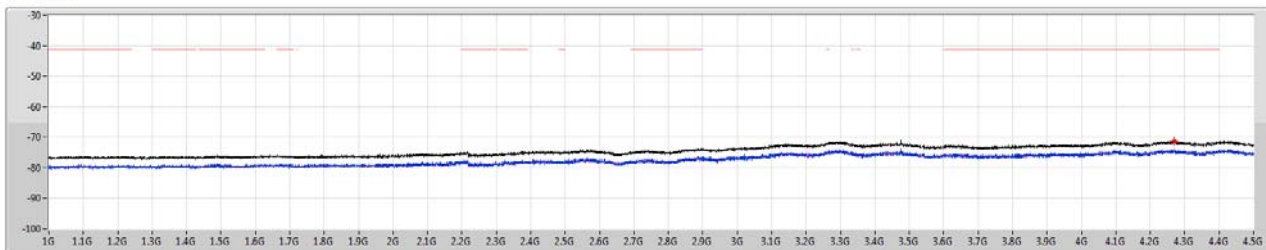


F-Start(Fz)	F-Stop(Fz)	RBW(Fz)	Type	Freq(Fz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	PK	3.29731G	-61.98	-64.13	-66.06

5.725-5.85GHz_802.11ax_HEW80_Nss1.(MCS0)_2TX

CSE Other [AV]

5775MHz



F-Start(Fz)	F-Stop(Fz)	RBW(Fz)	Type	Freq(Fz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	AV	4.269G	-71.19	-74.94	-73.56

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	5.1G	5.15G	AV	5.14995G	7.41	-56.72	-55.32	-52.95	-45.54	-41.20	-4.34
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	Pass	5.1G	5.15G	AV	5.1493G	7.41	-54.64	-54.12	-51.36	-43.95	-41.20	-2.75
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	Pass	5.1G	5.15G	AV	5.1497G	7.41	-55.95	-55.19	-52.54	-45.13	-41.20	-3.93
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	Pass	5.1G	5.15G	AV	5.14965G	7.41	-54.70	-54.37	-51.52	-44.11	-41.20	-2.91
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	5.35G	5.38G	AV	5.35039G	7.41	-54.48	-54.48	-51.47	-44.06	-41.20	-2.86
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	Pass	5.35G	5.38G	AV	5.35057G	7.41	-54.31	-54.14	-51.21	-43.80	-41.20	-2.60
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	Pass	5.35G	5.38G	AV	5.35036G	7.41	-55.82	-54.66	-52.19	-44.78	-41.20	-3.58
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	Pass	5.35G	5.38G	AV	5.35063G	7.41	-56.48	-55.65	-53.03	-45.62	-41.20	-4.42
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	5.725G	5.75G	PK	5.725G	7.41	-38.86	-41.09	-36.82	-29.41	-27.00	-2.41
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	Pass	5.46G	5.47G	PK	5.46999G	7.41	-39.65	-38.79	-36.19	-28.78	-27.00	-1.78
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	Pass	5.35G	5.47G	AV	5.45812G	7.41	-56.51	-54.57	-52.42	-45.01	-41.20	-3.81
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	Pass	5.35G	5.47G	AV	5.4598G	7.41	-56.62	-55.00	-52.72	-45.31	-41.20	-4.11
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	5.6G	5.65G	PK	5.64905G	7.41	-42.88	-40.02	-38.21	-30.80	-27.00	-3.80
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	Pass	5.6G	5.65G	PK	5.64615G	7.41	-39.16	-43.00	-37.66	-30.25	-27.00	-3.25
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	Pass	4.5G	5.6G	AV	5.4152G	7.41	-56.72	-56.72	-53.71	-46.30	-41.20	-5.10
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	Pass	5.6G	5.65G	PK	5.64975G	7.41	-41.15	-39.74	-37.38	-29.97	-27.00	-2.97

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.5G	5.1G	AV	4.9752G	7.41	-58.71	-58.14	-55.41	-48.00	-41.20	-6.80
5180MHz	Pass	5.1G	5.15G	AV	5.14995G	7.41	-56.72	-55.32	-52.95	-45.54	-41.20	-4.34
5180MHz	Pass	5.35G	5.38G	AV	5.37706G	7.41	-58.65	-57.11	-54.80	-47.39	-41.20	-6.19
5180MHz	Pass	5.38G	7G	AV	5.38689G	7.41	-58.33	-57.55	-54.91	-47.50	-41.20	-6.30
5180MHz	Pass	4.5G	5.1G	PK	5.0097G	7.41	-47.18	-47.49	-44.32	-36.91	-21.20	-15.71
5180MHz	Pass	5.1G	5.15G	PK	5.14935G	7.41	-45.88	-43.32	-41.40	-33.99	-21.20	-12.79
5180MHz	Pass	5.35G	5.38G	PK	5.35606G	7.41	-48.88	-44.48	-43.13	-35.72	-21.20	-14.52
5180MHz	Pass	5.38G	7G	PK	6.96963G	7.41	-45.87	-45.56	-42.70	-35.29	-27.00	-8.29
5200MHz	Pass	4.5G	5.1G	AV	4.9986G	7.41	-58.79	-57.96	-55.34	-47.93	-41.20	-6.73
5200MHz	Pass	5.1G	5.15G	AV	5.14975G	7.41	-58.13	-57.16	-54.61	-47.20	-41.20	-6.00
5200MHz	Pass	5.35G	5.38G	AV	5.37556G	7.41	-58.38	-57.36	-54.83	-47.42	-41.20	-6.22
5200MHz	Pass	5.38G	7G	AV	5.39823G	7.41	-58.29	-57.51	-54.87	-47.46	-41.20	-6.26
5200MHz	Pass	4.5G	5.1G	PK	4.9371G	7.41	-48.99	-46.38	-44.48	-37.07	-21.20	-15.87
5200MHz	Pass	5.1G	5.15G	PK	5.14765G	7.41	-46.41	-46.54	-43.46	-36.05	-21.20	-14.85
5200MHz	Pass	5.35G	5.38G	PK	5.37082G	7.41	-47.72	-45.62	-43.53	-36.12	-21.20	-14.92
5200MHz	Pass	5.38G	7G	PK	6.94087G	7.41	-45.43	-46.40	-42.88	-35.47	-27.00	-8.47
5240MHz	Pass	4.5G	5.1G	AV	4.9953G	7.41	-58.78	-58.49	-55.62	-48.21	-41.20	-7.01
5240MHz	Pass	5.1G	5.15G	AV	5.14725G	7.41	-58.42	-57.91	-55.15	-47.74	-41.20	-6.54
5240MHz	Pass	5.35G	5.38G	AV	5.37802G	7.41	-58.37	-57.59	-54.95	-47.54	-41.20	-6.34
5240MHz	Pass	5.38G	7G	AV	5.40066G	7.41	-58.56	-57.26	-54.85	-47.44	-41.20	-6.24
5240MHz	Pass	4.5G	5.1G	PK	5.0736G	7.41	-47.79	-48.08	-44.92	-37.51	-21.20	-16.31
5240MHz	Pass	5.1G	5.15G	PK	5.13745G	7.41	-46.09	-47.97	-43.92	-36.51	-21.20	-15.31
5240MHz	Pass	5.35G	5.38G	PK	5.37484G	7.41	-48.02	-44.89	-43.17	-35.76	-21.20	-14.56
5240MHz	Pass	5.38G	7G	PK	6.97368G	7.41	-46.46	-44.98	-42.65	-35.24	-27.00	-8.24
5260MHz	Pass	4.5G	5.1G	AV	5.0952G	7.41	-58.93	-57.04	-54.87	-47.46	-41.20	-6.26
5260MHz	Pass	5.1G	5.15G	AV	5.14355G	7.41	-58.21	-56.58	-54.31	-46.90	-41.20	-5.70
5260MHz	Pass	5.35G	5.38G	AV	5.35645G	7.41	-57.70	-56.32	-53.95	-46.54	-41.20	-5.34
5260MHz	Pass	5.38G	7G	AV	5.43184G	7.41	-58.10	-56.00	-53.91	-46.50	-41.20	-5.30
5260MHz	Pass	4.5G	5.1G	PK	5.0508G	7.41	-49.21	-45.66	-44.07	-36.66	-21.20	-15.46
5260MHz	Pass	5.1G	5.15G	PK	5.1405G	7.41	-44.83	-46.57	-42.60	-35.19	-21.20	-13.99
5260MHz	Pass	5.35G	5.38G	PK	5.35375G	7.41	-45.17	-45.77	-42.45	-35.04	-21.20	-13.84
5260MHz	Pass	5.38G	7G	PK	6.63955G	7.41	-44.52	-46.37	-42.34	-34.93	-27.00	-7.93
5300MHz	Pass	4.5G	5.1G	AV	5.0829G	7.41	-59.18	-57.46	-55.23	-47.82	-41.20	-6.62
5300MHz	Pass	5.1G	5.15G	AV	5.149G	7.41	-58.14	-56.51	-54.24	-46.83	-41.20	-5.63
5300MHz	Pass	5.35G	5.38G	AV	5.353G	7.41	-56.34	-55.93	-53.12	-45.71	-41.20	-4.51
5300MHz	Pass	5.38G	7G	AV	5.38081G	7.41	-57.09	-56.20	-53.61	-46.20	-41.20	-5.00
5300MHz	Pass	4.5G	5.1G	PK	4.9983G	7.41	-47.78	-47.31	-44.53	-37.12	-21.20	-15.92
5300MHz	Pass	5.1G	5.15G	PK	5.1468G	7.41	-47.18	-44.12	-42.38	-34.97	-21.20	-13.77
5300MHz	Pass	5.35G	5.38G	PK	5.36821G	7.41	-46.98	-43.36	-41.79	-34.38	-21.20	-13.18
5300MHz	Pass	5.38G	7G	PK	6.9429G	7.41	-45.05	-45.74	-42.37	-34.96	-27.00	-7.96
5320MHz	Pass	4.5G	5.1G	AV	4.9884G	7.41	-58.43	-58.73	-55.57	-48.16	-41.20	-6.96

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5320MHz	Pass	5.1G	5.15G	AV	5.1488G	7.41	-58.08	-57.32	-54.67	-47.26	-41.20	-6.06
5320MHz	Pass	5.35G	5.38G	AV	5.35039G	7.41	-54.48	-54.48	-51.47	-44.06	-41.20	-2.86
5320MHz	Pass	5.38G	7G	AV	5.3877G	7.41	-56.99	-56.99	-53.98	-46.57	-41.20	-5.37
5320MHz	Pass	4.5G	5.1G	PK	4.9455G	7.41	-48.33	-47.56	-44.92	-37.51	-21.20	-16.31
5320MHz	Pass	5.1G	5.15G	PK	5.1206G	7.41	-49.56	-44.08	-43.00	-35.59	-21.20	-14.39
5320MHz	Pass	5.35G	5.38G	PK	5.35045G	7.41	-43.97	-42.52	-40.17	-32.76	-21.20	-11.56
5320MHz	Pass	5.38G	7G	PK	6.99595G	7.41	-47.09	-44.50	-42.59	-35.18	-27.00	-8.18
5500MHz	Pass	4.5G	5.35G	AV	5.35G	7.41	-58.46	-56.93	-54.62	-47.21	-41.20	-6.01
5500MHz	Pass	5.35G	5.47G	AV	5.45944G	7.41	-56.63	-55.76	-53.16	-45.75	-41.20	-4.55
5500MHz	Pass	4.5G	5.35G	PK	5.3143G	7.41	-47.12	-46.83	-43.96	-36.55	-27.00	-9.55
5500MHz	Pass	5.35G	5.46G	PK	5.45615G	7.41	-44.57	-45.10	-41.82	-34.41	-21.20	-13.21
5500MHz	Pass	5.46G	5.47G	PK	5.46809G	7.41	-40.82	-39.27	-36.97	-29.56	-27.00	-2.56
5500MHz	Pass	5.725G	5.75G	PK	5.74595G	7.41	-46.21	-45.46	-42.81	-35.40	-27.00	-8.40
5500MHz	Pass	5.75G	7G	PK	6.88G	7.41	-45.94	-45.25	-42.57	-35.16	-27.00	-8.16
5580MHz	Pass	4.5G	5.35G	AV	5.35G	7.41	-57.92	-55.62	-53.61	-46.20	-41.20	-5.00
5580MHz	Pass	5.35G	5.47G	AV	5.41672G	7.41	-57.46	-53.61	-52.11	-44.70	-41.20	-3.50
5580MHz	Pass	4.5G	5.35G	PK	5.34915G	7.41	-47.19	-45.16	-43.05	-35.64	-27.00	-8.64
5580MHz	Pass	5.35G	5.46G	PK	5.40269G	7.41	-46.38	-42.21	-40.80	-33.39	-21.20	-12.19
5580MHz	Pass	5.46G	5.47G	PK	5.4649G	7.41	-44.44	-44.17	-41.29	-33.88	-27.00	-6.88
5580MHz	Pass	5.725G	5.75G	PK	5.74593G	7.41	-46.37	-41.91	-40.58	-33.17	-27.00	-6.17
5580MHz	Pass	5.75G	7G	PK	5.75469G	7.41	-44.49	-44.89	-41.68	-34.27	-27.00	-7.27
5700MHz	Pass	4.5G	5.35G	AV	5.0083G	7.41	-58.78	-58.49	-55.62	-48.21	-41.20	-7.01
5700MHz	Pass	5.35G	5.47G	AV	5.45896G	7.41	-58.68	-57.34	-54.95	-47.54	-41.20	-6.34
5700MHz	Pass	4.5G	5.35G	PK	5.18893G	7.41	-47.66	-47.58	-44.61	-37.20	-27.00	-10.20
5700MHz	Pass	5.35G	5.46G	PK	5.38982G	7.41	-47.08	-45.93	-43.46	-36.05	-21.20	-14.85
5700MHz	Pass	5.46G	5.47G	PK	5.46365G	7.41	-47.91	-44.56	-42.91	-35.50	-27.00	-8.50
5700MHz	Pass	5.725G	5.75G	PK	5.725G	7.41	-38.86	-41.09	-36.82	-29.41	-27.00	-2.41
5700MHz	Pass	5.75G	7G	PK	6.98188G	7.41	-48.08	-43.49	-42.19	-34.78	-27.00	-7.78
5720MHz Straddle 5.47-5.725GHz	Pass	4.5G	5.35G	AV	5.35G	7.41	-58.19	-58.46	-55.31	-47.90	-41.20	-6.70
5720MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.47G	AV	5.45836G	7.41	-58.12	-55.97	-53.90	-46.49	-41.20	-5.29
5720MHz Straddle 5.47-5.725GHz	Pass	4.5G	5.35G	PK	5.3126G	7.41	-46.62	-49.22	-44.72	-37.31	-27.00	-10.31
5720MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.46G	PK	5.45285G	7.41	-45.99	-45.35	-42.65	-35.24	-21.20	-14.04
5720MHz Straddle 5.47-5.725GHz	Pass	5.46G	5.47G	PK	5.46682G	7.41	-48.33	-42.67	-41.63	-34.22	-27.00	-7.22
5720MHz Straddle 5.47-5.725GHz	Pass	5.85G	7G	PK	5.89054G	7.41	-45.24	-43.84	-41.47	-34.06	-27.00	-7.06
5745MHz	Pass	4.5G	5.6G	AV	5.45975G	7.41	-58.12	-56.63	-54.30	-46.89	-41.20	-5.69
5745MHz	Pass	4.5G	5.6G	PK	5.54555G	7.41	-46.51	-40.68	-39.67	-32.26	-27.00	-5.26
5745MHz	Pass	5.6G	5.65G	PK	5.64905G	7.41	-42.88	-40.02	-38.21	-30.80	-27.00	-3.80
5745MHz	Pass	5.65G	5.7G	PK	5.65065G	7.41	-43.04	-40.98	-38.88	-31.47	-26.52	-4.95
5745MHz	Pass	5.7G	5.72G	PK	5.71988G	7.41	-19.30	-18.11	-15.65	-8.24	15.57	-23.81
5745MHz	Pass	5.72G	5.725G	PK	5.72002G	7.41	-19.20	-18.20	-15.66	-8.25	15.63	-23.88
5745MHz	Pass	5.85G	5.855G	PK	5.855G	7.41	-43.70	-43.33	-40.50	-33.09	15.60	-48.69
5745MHz	Pass	5.855G	5.875G	PK	5.87382G	7.41	-42.37	-43.36	-39.83	-32.42	10.33	-42.75

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5745MHz	Pass	5.875G	5.925G	PK	5.92455G	7.41	-44.61	-42.20	-40.23	-32.82	-26.67	-6.15
5745MHz	Pass	5.925G	7G	PK	5.93468G	7.41	-46.82	-41.11	-40.08	-32.67	-27.00	-5.67
5785MHz	Pass	4.5G	5.6G	AV	5.4317G	7.41	-57.77	-57.51	-54.63	-47.22	-41.20	-6.02
5785MHz	Pass	4.5G	5.6G	PK	5.59175G	7.41	-48.29	-42.32	-41.34	-33.93	-27.00	-6.93
5785MHz	Pass	5.6G	5.65G	PK	5.62045G	7.41	-45.81	-40.84	-39.64	-32.23	-27.00	-5.23
5785MHz	Pass	5.65G	5.7G	PK	5.6512G	7.41	-47.71	-41.20	-40.32	-32.91	-26.11	-6.80
5785MHz	Pass	5.7G	5.72G	PK	5.70014G	7.41	-45.70	-39.83	-38.83	-31.42	10.04	-41.46
5785MHz	Pass	5.72G	5.725G	PK	5.7206G	7.41	-41.12	-38.85	-36.83	-29.42	16.96	-46.38
5785MHz	Pass	5.85G	5.855G	PK	5.85479G	7.41	-43.14	-38.71	-37.37	-29.96	16.09	-46.05
5785MHz	Pass	5.855G	5.875G	PK	5.87494G	7.41	-44.41	-41.72	-39.85	-32.44	10.02	-42.46
5785MHz	Pass	5.875G	5.925G	PK	5.925G	7.41	-46.11	-42.90	-41.20	-33.79	-27.00	-6.79
5785MHz	Pass	5.925G	7G	PK	5.95671G	7.41	-47.22	-42.40	-41.16	-33.75	-27.00	-6.75
5825MHz	Pass	4.5G	5.6G	AV	5.45425G	7.41	-57.60	-57.86	-54.72	-47.31	-41.20	-6.11
5825MHz	Pass	4.5G	5.6G	PK	5.58717G	7.41	-48.51	-43.06	-41.97	-34.56	-27.00	-7.56
5825MHz	Pass	5.6G	5.65G	PK	5.6397G	7.41	-47.39	-40.24	-39.47	-32.06	-27.00	-5.06
5825MHz	Pass	5.65G	5.7G	PK	5.65G	7.41	-45.31	-41.38	-39.90	-32.49	-27.00	-5.49
5825MHz	Pass	5.7G	5.72G	PK	5.701G	7.41	-46.08	-41.40	-40.13	-32.72	10.28	-43.00
5825MHz	Pass	5.72G	5.725G	PK	5.72001G	7.41	-46.03	-41.34	-40.07	-32.66	15.61	-48.27
5825MHz	Pass	5.85G	5.855G	PK	5.85498G	7.41	-26.92	-22.85	-21.41	-14.00	15.66	-29.66
5825MHz	Pass	5.855G	5.875G	PK	5.85506G	7.41	-26.82	-23.46	-21.81	-14.40	15.58	-29.98
5825MHz	Pass	5.875G	5.925G	PK	5.92485G	7.41	-45.96	-42.20	-40.67	-33.26	-26.89	-6.37
5825MHz	Pass	5.925G	7G	PK	6.02121G	7.41	-45.67	-42.07	-40.50	-33.09	-27.00	-6.09
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.5G	5.1G	AV	4.9941G	7.41	-58.45	-57.62	-55.00	-47.59	-41.20	-6.39
5180MHz	Pass	5.1G	5.15G	AV	5.1493G	7.41	-54.64	-54.12	-51.36	-43.95	-41.20	-2.75
5180MHz	Pass	5.35G	5.38G	AV	5.37835G	7.41	-58.04	-56.78	-54.35	-46.94	-41.20	-5.74
5180MHz	Pass	5.38G	7G	AV	5.38891G	7.41	-58.01	-56.98	-54.45	-47.04	-41.20	-5.84
5180MHz	Pass	4.5G	5.1G	PK	5.0826G	7.41	-47.56	-46.85	-44.18	-36.77	-21.20	-15.57
5180MHz	Pass	5.1G	5.15G	PK	5.14905G	7.41	-43.19	-43.28	-40.22	-32.81	-21.20	-11.61
5180MHz	Pass	5.35G	5.38G	PK	5.35243G	7.41	-48.14	-44.02	-42.60	-35.19	-21.20	-13.99
5180MHz	Pass	5.38G	7G	PK	6.94816G	7.41	-44.57	-46.95	-42.59	-35.18	-27.00	-8.18
5200MHz	Pass	4.5G	5.1G	AV	4.9815G	7.41	-58.73	-57.90	-55.28	-47.87	-41.20	-6.67
5200MHz	Pass	5.1G	5.15G	AV	5.15G	7.41	-57.63	-56.94	-54.26	-46.85	-41.20	-5.65
5200MHz	Pass	5.35G	5.38G	AV	5.37844G	7.41	-58.10	-56.65	-54.30	-46.89	-41.20	-5.69
5200MHz	Pass	5.38G	7G	AV	5.38932G	7.41	-58.60	-56.83	-54.62	-47.21	-41.20	-6.01
5200MHz	Pass	4.5G	5.1G	PK	4.989G	7.41	-50.50	-45.42	-44.25	-36.84	-21.20	-15.64
5200MHz	Pass	5.1G	5.15G	PK	5.1488G	7.41	-46.20	-45.34	-42.74	-35.33	-21.20	-14.13
5200MHz	Pass	5.35G	5.38G	PK	5.35042G	7.41	-48.48	-44.14	-42.78	-35.37	-21.20	-14.17
5200MHz	Pass	5.38G	7G	PK	5.90326G	7.41	-47.14	-44.71	-42.75	-35.34	-27.00	-8.34
5240MHz	Pass	4.5G	5.1G	AV	5.0892G	7.41	-58.92	-58.17	-55.52	-48.11	-41.20	-6.91
5240MHz	Pass	5.1G	5.15G	AV	5.15G	7.41	-58.39	-57.63	-54.98	-47.57	-41.20	-6.37
5240MHz	Pass	5.35G	5.38G	AV	5.37253G	7.41	-58.13	-57.13	-54.59	-47.18	-41.20	-5.98

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5240MHz	Pass	5.38G	7G	AV	5.40714G	7.41	-58.30	-56.80	-54.48	-47.07	-41.20	-5.87
5240MHz	Pass	4.5G	5.1G	PK	4.9524G	7.41	-48.43	-47.21	-44.77	-37.36	-21.20	-16.16
5240MHz	Pass	5.1G	5.15G	PK	5.13825G	7.41	-45.08	-47.88	-43.25	-35.84	-21.20	-14.64
5240MHz	Pass	5.35G	5.38G	PK	5.35177G	7.41	-48.13	-44.78	-43.13	-35.72	-21.20	-14.52
5240MHz	Pass	5.38G	7G	PK	6.9429G	7.41	-46.57	-44.35	-42.31	-34.90	-27.00	-7.90
5260MHz	Pass	4.5G	5.1G	AV	5.0793G	7.41	-59.17	-56.81	-54.82	-47.41	-41.20	-6.21
5260MHz	Pass	5.1G	5.15G	AV	5.14715G	7.41	-58.16	-56.75	-54.39	-46.98	-41.20	-5.78
5260MHz	Pass	5.35G	5.38G	AV	5.35591G	7.41	-57.70	-56.54	-54.07	-46.66	-41.20	-5.46
5260MHz	Pass	5.38G	7G	AV	5.38203G	7.41	-57.82	-56.20	-53.92	-46.51	-41.20	-5.31
5260MHz	Pass	4.5G	5.1G	PK	5.0949G	7.41	-50.06	-46.05	-44.60	-37.19	-21.20	-15.99
5260MHz	Pass	5.1G	5.15G	PK	5.133G	7.41	-45.97	-44.72	-42.29	-34.88	-21.20	-13.68
5260MHz	Pass	5.35G	5.38G	PK	5.35225G	7.41	-46.10	-44.08	-41.96	-34.55	-21.20	-13.35
5260MHz	Pass	5.38G	7G	PK	6.96639G	7.41	-46.17	-45.54	-42.83	-35.42	-27.00	-8.42
5300MHz	Pass	4.5G	5.1G	AV	5.0991G	7.41	-59.48	-57.26	-55.22	-47.81	-41.20	-6.61
5300MHz	Pass	5.1G	5.15G	AV	5.14955G	7.41	-58.66	-56.51	-54.44	-47.03	-41.20	-5.83
5300MHz	Pass	5.35G	5.38G	AV	5.35243G	7.41	-56.13	-55.54	-52.81	-45.40	-41.20	-4.20
5300MHz	Pass	5.38G	7G	AV	5.38365G	7.41	-57.32	-56.19	-53.71	-46.30	-41.20	-5.10
5300MHz	Pass	4.5G	5.1G	PK	4.9644G	7.41	-47.73	-46.88	-44.27	-36.86	-21.20	-15.66
5300MHz	Pass	5.1G	5.15G	PK	5.1353G	7.41	-48.73	-44.37	-43.01	-35.60	-21.20	-14.40
5300MHz	Pass	5.35G	5.38G	PK	5.35087G	7.41	-42.33	-44.14	-40.13	-32.72	-21.20	-11.52
5300MHz	Pass	5.38G	7G	PK	6.62214G	7.41	-47.27	-43.94	-42.28	-34.87	-27.00	-7.87
5320MHz	Pass	4.5G	5.1G	AV	4.941G	7.41	-58.53	-58.24	-55.37	-47.96	-41.20	-6.76
5320MHz	Pass	5.1G	5.15G	AV	5.14435G	7.41	-58.14	-57.38	-54.73	-47.32	-41.20	-6.12
5320MHz	Pass	5.35G	5.38G	AV	5.35057G	7.41	-54.31	-54.14	-51.21	-43.80	-41.20	-2.60
5320MHz	Pass	5.38G	7G	AV	5.40957G	7.41	-57.45	-57.20	-54.31	-46.90	-41.20	-5.70
5320MHz	Pass	4.5G	5.1G	PK	5.013G	7.41	-46.20	-49.58	-44.56	-37.15	-21.20	-15.95
5320MHz	Pass	5.1G	5.15G	PK	5.14975G	7.41	-48.65	-44.78	-43.29	-35.88	-21.20	-14.68
5320MHz	Pass	5.35G	5.38G	PK	5.35024G	7.41	-39.99	-44.35	-38.63	-31.22	-21.20	-10.02
5320MHz	Pass	5.38G	7G	PK	6.93561G	7.41	-44.84	-46.10	-42.41	-35.00	-27.00	-8.00
5500MHz	Pass	4.5G	5.35G	AV	5.35G	7.41	-58.75	-56.93	-54.74	-47.33	-41.20	-6.13
5500MHz	Pass	5.35G	5.47G	AV	5.45896G	7.41	-56.86	-56.40	-53.61	-46.20	-41.20	-5.00
5500MHz	Pass	4.5G	5.35G	PK	5.31515G	7.41	-48.93	-45.32	-43.75	-36.34	-27.00	-9.34
5500MHz	Pass	5.35G	5.46G	PK	5.44053G	7.41	-44.88	-45.56	-42.20	-34.79	-21.20	-13.59
5500MHz	Pass	5.46G	5.47G	PK	5.46999G	7.41	-39.65	-38.79	-36.19	-28.78	-27.00	-1.78
5500MHz	Pass	5.725G	5.75G	PK	5.73803G	7.41	-45.90	-44.27	-42.00	-34.59	-27.00	-7.59
5500MHz	Pass	5.75G	7G	PK	6.91656G	7.41	-46.68	-44.34	-42.34	-34.93	-27.00	-7.93
5580MHz	Pass	4.5G	5.35G	AV	5.35G	7.41	-58.19	-54.85	-53.20	-45.79	-41.20	-4.59
5580MHz	Pass	5.35G	5.47G	AV	5.39848G	7.41	-57.19	-52.65	-51.34	-43.93	-41.20	-2.73
5580MHz	Pass	4.5G	5.35G	PK	5.34873G	7.41	-48.42	-44.99	-43.36	-35.95	-27.00	-8.95
5580MHz	Pass	5.35G	5.46G	PK	5.39532G	7.41	-46.32	-40.96	-39.85	-32.44	-21.20	-11.24
5580MHz	Pass	5.46G	5.47G	PK	5.46977G	7.41	-46.03	-42.09	-40.62	-33.21	-27.00	-6.21
5580MHz	Pass	5.725G	5.75G	PK	5.74175G	7.41	-45.50	-40.84	-39.56	-32.15	-27.00	-5.15

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5580MHz	Pass	5.75G	7G	PK	5.77313G	7.41	-46.64	-42.87	-41.35	-33.94	-27.00	-6.94
5700MHz	Pass	4.5G	5.35G	AV	4.976G	7.41	-63.46	-63.46	-60.45	-53.04	-41.20	-11.84
5700MHz	Pass	5.35G	5.47G	AV	5.45812G	7.41	-63.45	-62.39	-59.88	-52.47	-41.20	-11.27
5700MHz	Pass	4.5G	5.35G	PK	5.24035G	7.41	-52.31	-53.84	-50.00	-42.59	-27.00	-15.59
5700MHz	Pass	5.35G	5.46G	PK	5.45857G	7.41	-50.70	-52.10	-48.33	-40.92	-21.20	-19.72
5700MHz	Pass	5.46G	5.47G	PK	5.466G	7.41	-51.57	-50.38	-47.92	-40.51	-27.00	-13.51
5700MHz	Pass	5.725G	5.75G	PK	5.72603G	7.41	-40.46	-41.77	-38.06	-30.65	-27.00	-3.65
5700MHz	Pass	5.75G	7G	PK	6.98781G	7.41	-49.14	-50.38	-46.71	-39.30	-27.00	-12.30
5720MHz Straddle 5.47-5.725GHz	Pass	4.5G	5.35G	AV	5.35G	7.41	-58.46	-58.19	-55.31	-47.90	-41.20	-6.70
5720MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.47G	AV	5.45992G	7.41	-58.12	-55.55	-53.64	-46.23	-41.20	-5.03
5720MHz Straddle 5.47-5.725GHz	Pass	4.5G	5.35G	PK	5.29008G	7.41	-48.44	-47.53	-44.95	-37.54	-27.00	-10.54
5720MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.46G	PK	5.42326G	7.41	-45.99	-44.85	-42.37	-34.96	-21.20	-13.76
5720MHz Straddle 5.47-5.725GHz	Pass	5.46G	5.47G	PK	5.46113G	7.41	-47.83	-43.20	-41.91	-34.50	-27.00	-7.50
5720MHz Straddle 5.47-5.725GHz	Pass	5.85G	7G	PK	5.88306G	7.41	-46.87	-41.57	-40.45	-33.04	-27.00	-6.04
5745MHz	Pass	4.5G	5.6G	AV	5.4592G	7.41	-58.40	-56.40	-54.28	-46.87	-41.20	-5.67
5745MHz	Pass	4.5G	5.6G	PK	5.5593G	7.41	-47.22	-40.75	-39.87	-32.46	-27.00	-5.46
5745MHz	Pass	5.6G	5.65G	PK	5.64615G	7.41	-39.16	-43.00	-37.66	-30.25	-27.00	-3.25
5745MHz	Pass	5.65G	5.7G	PK	5.6502G	7.41	-42.88	-42.32	-39.58	-32.17	-26.85	-5.32
5745MHz	Pass	5.7G	5.72G	PK	5.71942G	7.41	-13.01	-22.00	-12.49	-5.08	15.44	-20.52
5745MHz	Pass	5.72G	5.725G	PK	5.72028G	7.41	-11.40	-19.43	-10.77	-3.36	16.24	-19.60
5745MHz	Pass	5.85G	5.855G	PK	5.85493G	7.41	-43.97	-42.39	-40.10	-32.69	15.77	-48.46
5745MHz	Pass	5.855G	5.875G	PK	5.87494G	7.41	-45.69	-41.37	-40.00	-32.59	10.02	-42.61
5745MHz	Pass	5.875G	5.925G	PK	5.9247G	7.41	-45.04	-42.57	-40.62	-33.21	-26.78	-6.43
5745MHz	Pass	5.925G	7G	PK	5.92527G	7.41	-47.17	-42.46	-41.20	-33.79	-27.00	-6.79
5785MHz	Pass	4.5G	5.6G	AV	5.43005G	7.41	-57.76	-57.25	-54.49	-47.08	-41.20	-5.88
5785MHz	Pass	4.5G	5.6G	PK	5.5956G	7.41	-47.99	-42.25	-41.22	-33.81	-27.00	-6.81
5785MHz	Pass	5.6G	5.65G	PK	5.61515G	7.41	-47.07	-40.20	-39.39	-31.98	-27.00	-4.98
5785MHz	Pass	5.65G	5.7G	PK	5.6505G	7.41	-45.59	-42.77	-40.94	-33.53	-26.63	-6.90
5785MHz	Pass	5.7G	5.72G	PK	5.7011G	7.41	-39.37	-43.15	-37.85	-30.44	10.31	-40.75
5785MHz	Pass	5.72G	5.725G	PK	5.72024G	7.41	-36.97	-41.04	-35.53	-28.12	16.15	-44.27
5785MHz	Pass	5.85G	5.855G	PK	5.85469G	7.41	-43.83	-37.75	-36.79	-29.38	16.31	-45.69
5785MHz	Pass	5.855G	5.875G	PK	5.87474G	7.41	-44.99	-41.57	-39.94	-32.53	10.07	-42.60
5785MHz	Pass	5.875G	5.925G	PK	5.9249G	7.41	-46.04	-41.49	-40.18	-32.77	-26.93	-5.84
5785MHz	Pass	5.925G	7G	PK	5.98332G	7.41	-47.73	-41.81	-40.82	-33.41	-27.00	-6.41
5825MHz	Pass	4.5G	5.6G	AV	5.45205G	7.41	-57.35	-57.35	-54.34	-46.93	-41.20	-5.73
5825MHz	Pass	4.5G	5.6G	PK	5.59065G	7.41	-47.20	-42.68	-41.37	-33.96	-27.00	-6.96
5825MHz	Pass	5.6G	5.65G	PK	5.6494G	7.41	-46.59	-39.65	-38.85	-31.44	-27.00	-4.44
5825MHz	Pass	5.65G	5.7G	PK	5.65G	7.41	-45.81	-41.11	-39.84	-32.43	-27.00	-5.43
5825MHz	Pass	5.7G	5.72G	PK	5.70074G	7.41	-46.87	-40.60	-39.68	-32.27	10.21	-42.48
5825MHz	Pass	5.72G	5.725G	PK	5.72009G	7.41	-41.74	-42.91	-39.28	-31.87	15.79	-47.66
5825MHz	Pass	5.85G	5.855G	PK	5.85499G	7.41	-20.10	-24.71	-18.81	-11.40	15.63	-27.03
5825MHz	Pass	5.855G	5.875G	PK	5.85672G	7.41	-21.85	-24.58	-19.99	-12.58	15.12	-27.70

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5825MHz	Pass	5.875G	5.925G	PK	5.92485G	7.41	-44.01	-42.57	-40.22	-32.81	-26.89	-5.92
5825MHz	Pass	5.925G	7G	PK	5.96048G	7.41	-46.69	-41.94	-40.69	-33.28	-27.00	-6.28
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	4.5G	5.1G	AV	5.0022G	7.41	-59.45	-58.03	-55.67	-48.26	-41.20	-7.06
5190MHz	Pass	5.1G	5.15G	AV	5.1497G	7.41	-55.95	-55.19	-52.54	-45.13	-41.20	-3.93
5190MHz	Pass	5.35G	5.38G	AV	5.3785G	7.41	-58.42	-57.64	-55.00	-47.59	-41.20	-6.39
5190MHz	Pass	5.38G	7G	AV	5.40187G	7.41	-58.62	-57.56	-55.05	-47.64	-41.20	-6.44
5190MHz	Pass	4.5G	5.1G	PK	5.0043G	7.41	-47.45	-48.70	-45.02	-37.61	-21.20	-16.41
5190MHz	Pass	5.1G	5.15G	PK	5.14645G	7.41	-44.44	-43.93	-41.17	-33.76	-21.20	-12.56
5190MHz	Pass	5.35G	5.38G	PK	5.36608G	7.41	-48.71	-45.40	-43.74	-36.33	-21.20	-15.13
5190MHz	Pass	5.38G	7G	PK	6.7651G	7.41	-45.70	-47.35	-43.44	-36.03	-27.00	-9.03
5230MHz	Pass	4.5G	5.1G	AV	5.0826G	7.41	-58.91	-57.24	-54.98	-47.57	-41.20	-6.37
5230MHz	Pass	5.1G	5.15G	AV	5.14895G	7.41	-56.95	-55.51	-53.16	-45.75	-41.20	-4.55
5230MHz	Pass	5.35G	5.38G	AV	5.37886G	7.41	-57.84	-56.21	-53.94	-46.53	-41.20	-5.33
5230MHz	Pass	5.38G	7G	AV	5.41605G	7.41	-58.31	-55.95	-53.96	-46.55	-41.20	-5.35
5230MHz	Pass	4.5G	5.1G	PK	5.0475G	7.41	-47.10	-46.77	-43.92	-36.51	-21.20	-15.31
5230MHz	Pass	5.1G	5.15G	PK	5.14715G	7.41	-45.60	-41.23	-39.88	-32.47	-21.20	-11.27
5230MHz	Pass	5.35G	5.38G	PK	5.35561G	7.41	-47.40	-43.76	-42.20	-34.79	-21.20	-13.59
5230MHz	Pass	5.38G	7G	PK	6.90928G	7.41	-47.26	-44.53	-42.67	-35.26	-27.00	-8.26
5270MHz	Pass	4.5G	5.1G	AV	5.0973G	7.41	-58.61	-56.51	-54.42	-47.01	-41.20	-5.81
5270MHz	Pass	5.1G	5.15G	AV	5.1475G	7.41	-57.84	-56.21	-53.94	-46.53	-41.20	-5.33
5270MHz	Pass	5.35G	5.38G	AV	5.35036G	7.41	-55.82	-54.66	-52.19	-44.78	-41.20	-3.58
5270MHz	Pass	5.38G	7G	AV	5.42455G	7.41	-57.73	-55.85	-53.68	-46.27	-41.20	-5.07
5270MHz	Pass	4.5G	5.1G	PK	5.0862G	7.41	-46.99	-47.20	-44.08	-36.67	-21.20	-15.47
5270MHz	Pass	5.1G	5.15G	PK	5.1313G	7.41	-47.81	-44.74	-43.00	-35.59	-21.20	-14.39
5270MHz	Pass	5.35G	5.38G	PK	5.35219G	7.41	-42.16	-43.21	-39.64	-32.23	-21.20	-11.03
5270MHz	Pass	5.38G	7G	PK	6.94695G	7.41	-45.18	-45.65	-42.40	-34.99	-27.00	-7.99
5310MHz	Pass	4.5G	5.1G	AV	5.0037G	7.41	-63.47	-63.47	-60.46	-53.05	-41.20	-11.85
5310MHz	Pass	5.1G	5.15G	AV	5.14985G	7.41	-63.44	-62.42	-59.89	-52.48	-41.20	-11.28
5310MHz	Pass	5.35G	5.38G	AV	5.35039G	7.41	-56.86	-55.43	-53.08	-45.67	-41.20	-4.47
5310MHz	Pass	5.38G	7G	AV	5.38041G	7.41	-62.38	-62.14	-59.25	-51.84	-41.20	-10.64
5310MHz	Pass	4.5G	5.1G	PK	4.9983G	7.41	-52.97	-53.05	-50.00	-42.59	-21.20	-21.39
5310MHz	Pass	5.1G	5.15G	PK	5.1463G	7.41	-52.95	-50.40	-48.48	-41.07	-21.20	-19.87
5310MHz	Pass	5.35G	5.38G	PK	5.3521G	7.41	-43.33	-39.79	-38.20	-30.79	-21.20	-9.59
5310MHz	Pass	5.38G	7G	PK	6.92791G	7.41	-50.67	-49.89	-47.25	-39.84	-27.00	-12.84
5510MHz	Pass	4.5G	5.35G	AV	5.35G	7.41	-62.88	-61.94	-59.37	-51.96	-41.20	-10.76
5510MHz	Pass	5.35G	5.47G	AV	5.45896G	7.41	-60.21	-59.17	-56.65	-49.24	-41.20	-8.04
5510MHz	Pass	4.5G	5.35G	PK	5.3143G	7.41	-52.28	-52.72	-49.48	-42.07	-27.00	-15.07
5510MHz	Pass	5.35G	5.46G	PK	5.45758G	7.41	-48.30	-46.49	-44.29	-36.88	-21.20	-15.68
5510MHz	Pass	5.46G	5.47G	PK	5.46953G	7.41	-42.08	-41.92	-38.99	-31.58	-27.00	-4.58
5510MHz	Pass	5.725G	5.75G	PK	5.73448G	7.41	-51.11	-50.90	-47.99	-40.58	-27.00	-13.58
5510MHz	Pass	5.75G	7G	PK	6.94938G	7.41	-50.80	-50.96	-47.87	-40.46	-27.00	-13.46

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5550MHz	Pass	4.5G	5.35G	AV	5.35G	7.41	-58.79	-55.36	-53.73	-46.32	-41.20	-5.12
5550MHz	Pass	5.35G	5.47G	AV	5.45812G	7.41	-56.51	-54.57	-52.42	-45.01	-41.20	-3.81
5550MHz	Pass	4.5G	5.35G	PK	5.33725G	7.41	-47.88	-44.74	-43.02	-35.61	-27.00	-8.61
5550MHz	Pass	5.35G	5.46G	PK	5.45868G	7.41	-44.23	-42.35	-40.18	-32.77	-21.20	-11.57
5550MHz	Pass	5.46G	5.47G	PK	5.46978G	7.41	-41.37	-41.22	-38.28	-30.87	-27.00	-3.87
5550MHz	Pass	5.725G	5.75G	PK	5.7343G	7.41	-47.38	-43.52	-42.02	-34.61	-27.00	-7.61
5550MHz	Pass	5.75G	7G	PK	6.89656G	7.41	-46.18	-45.28	-42.70	-35.29	-27.00	-8.29
5670MHz	Pass	4.5G	5.35G	AV	4.98748G	7.41	-57.97	-58.52	-55.23	-47.82	-41.20	-6.62
5670MHz	Pass	5.35G	5.47G	AV	5.44036G	7.41	-58.47	-56.32	-54.25	-46.84	-41.20	-5.64
5670MHz	Pass	4.5G	5.35G	PK	5.24928G	7.41	-47.80	-48.21	-44.99	-37.58	-27.00	-10.58
5670MHz	Pass	5.35G	5.46G	PK	5.42612G	7.41	-47.62	-46.73	-44.14	-36.73	-21.20	-15.53
5670MHz	Pass	5.46G	5.47G	PK	5.46503G	7.41	-48.20	-45.16	-43.41	-36.00	-27.00	-9.00
5670MHz	Pass	5.725G	5.75G	PK	5.72515G	7.41	-39.77	-43.51	-38.24	-30.83	-27.00	-3.83
5670MHz	Pass	5.75G	7G	PK	6.99969G	7.41	-45.91	-45.75	-42.82	-35.41	-27.00	-8.41
5710MHz Straddle 5.47-5.725GHz	Pass	4.5G	5.35G	AV	4.9862G	7.41	-58.42	-58.42	-55.41	-48.00	-41.20	-6.80
5710MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.47G	AV	5.45884G	7.41	-58.12	-55.76	-53.77	-46.36	-41.20	-5.16
5710MHz Straddle 5.47-5.725GHz	Pass	4.5G	5.35G	PK	5.25013G	7.41	-48.44	-47.58	-44.98	-37.57	-27.00	-10.57
5710MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.46G	PK	5.45879G	7.41	-46.60	-43.75	-41.93	-34.52	-21.20	-13.32
5710MHz Straddle 5.47-5.725GHz	Pass	5.46G	5.47G	PK	5.46853G	7.41	-48.24	-43.43	-42.19	-34.78	-27.00	-7.78
5710MHz Straddle 5.47-5.725GHz	Pass	5.85G	7G	PK	5.87128G	7.41	-46.12	-42.37	-40.84	-33.43	-27.00	-6.43
5755MHz	Pass	4.5G	5.6G	AV	5.4438G	7.41	-57.96	-57.47	-54.70	-47.29	-41.20	-6.09
5755MHz	Pass	4.5G	5.6G	PK	5.6G	7.41	-47.53	-43.81	-42.27	-34.86	-27.00	-7.86
5755MHz	Pass	5.6G	5.65G	PK	5.64605G	7.41	-42.37	-43.76	-40.00	-32.59	-27.00	-5.59
5755MHz	Pass	5.65G	5.7G	PK	5.6505G	7.41	-43.31	-43.05	-40.17	-32.76	-26.63	-6.13
5755MHz	Pass	5.7G	5.72G	PK	5.71742G	7.41	-25.59	-30.53	-24.38	-16.97	14.88	-31.85
5755MHz	Pass	5.72G	5.725G	PK	5.72003G	7.41	-26.23	-30.02	-24.71	-17.30	15.67	-32.97
5755MHz	Pass	5.85G	5.855G	PK	5.85494G	7.41	-41.98	-45.18	-40.28	-32.87	15.74	-48.61
5755MHz	Pass	5.855G	5.875G	PK	5.87474G	7.41	-45.52	-43.32	-41.27	-33.86	10.07	-43.93
5755MHz	Pass	5.875G	5.925G	PK	5.9249G	7.41	-44.58	-43.94	-41.24	-33.83	-26.93	-6.90
5755MHz	Pass	5.925G	7G	PK	5.94354G	7.41	-47.21	-43.54	-41.99	-34.58	-27.00	-7.58
5795MHz	Pass	4.5G	5.6G	AV	5.4152G	7.41	-56.72	-56.72	-53.71	-46.30	-41.20	-5.10
5795MHz	Pass	4.5G	5.6G	PK	5.58185G	7.41	-47.78	-42.67	-41.50	-34.09	-27.00	-7.09
5795MHz	Pass	5.6G	5.65G	PK	5.6454G	7.41	-44.71	-42.23	-40.29	-32.88	-27.00	-5.88
5795MHz	Pass	5.65G	5.7G	PK	5.6509G	7.41	-47.18	-42.62	-41.32	-33.91	-26.33	-7.58
5795MHz	Pass	5.7G	5.72G	PK	5.70256G	7.41	-38.73	-39.16	-35.93	-28.52	10.72	-39.24
5795MHz	Pass	5.72G	5.725G	PK	5.72011G	7.41	-36.17	-37.92	-33.95	-26.54	15.85	-42.39
5795MHz	Pass	5.85G	5.855G	PK	5.85472G	7.41	-33.52	-35.43	-31.36	-23.95	16.24	-40.19
5795MHz	Pass	5.855G	5.875G	PK	5.87176G	7.41	-36.38	-36.21	-33.28	-25.87	10.91	-36.78
5795MHz	Pass	5.875G	5.925G	PK	5.9239G	7.41	-44.82	-42.96	-40.78	-33.37	-26.19	-7.18
5795MHz	Pass	5.925G	7G	PK	5.94113G	7.41	-47.97	-43.27	-42.00	-34.59	-27.00	-7.59
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	4.5G	5.1G	AV	5.1G	7.41	-58.04	-57.36	-54.68	-47.27	-41.20	-6.07

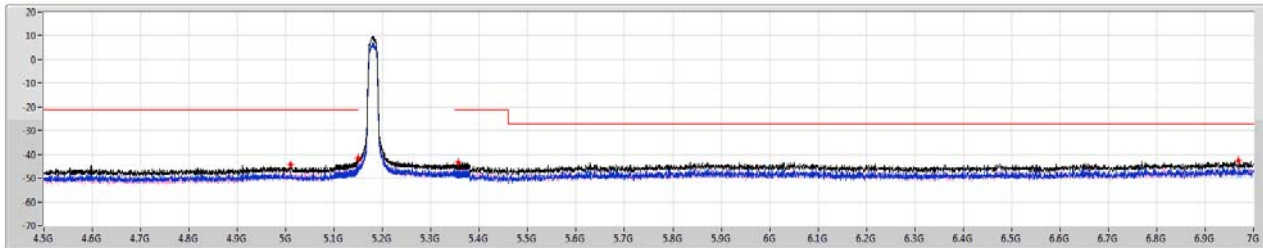
Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5210MHz	Pass	5.1G	5.15G	AV	5.14965G	7.41	-54.70	-54.37	-51.52	-44.11	-41.20	-2.91
5210MHz	Pass	5.35G	5.38G	AV	5.35327G	7.41	-58.06	-56.65	-54.29	-46.88	-41.20	-5.68
5210MHz	Pass	5.38G	7G	AV	5.38G	7.41	-57.93	-57.19	-54.53	-47.12	-41.20	-5.92
5210MHz	Pass	4.5G	5.1G	PK	5.0976G	7.41	-47.78	-48.29	-45.02	-37.61	-21.20	-16.41
5210MHz	Pass	5.1G	5.15G	PK	5.14785G	7.41	-42.31	-45.39	-40.57	-33.16	-21.20	-11.96
5210MHz	Pass	5.35G	5.38G	PK	5.35663G	7.41	-46.36	-46.84	-43.58	-36.17	-21.20	-14.97
5210MHz	Pass	5.38G	7G	PK	6.94816G	7.41	-45.28	-46.82	-42.97	-35.56	-27.00	-8.56
5290MHz	Pass	4.5G	5.1G	AV	5.0019G	7.41	-63.47	-62.91	-60.17	-52.76	-41.20	-11.56
5290MHz	Pass	5.1G	5.15G	AV	5.145G	7.41	-62.72	-62.48	-59.59	-52.18	-41.20	-10.98
5290MHz	Pass	5.35G	5.38G	AV	5.35063G	7.41	-56.48	-55.65	-53.03	-45.62	-41.20	-4.42
5290MHz	Pass	5.38G	7G	AV	5.38081G	7.41	-61.01	-60.01	-57.47	-50.06	-41.20	-8.86
5290MHz	Pass	4.5G	5.1G	PK	4.9824G	7.41	-53.40	-52.87	-50.12	-42.71	-21.20	-21.51
5290MHz	Pass	5.1G	5.15G	PK	5.1492G	7.41	-51.04	-53.25	-49.00	-41.59	-21.20	-20.39
5290MHz	Pass	5.35G	5.38G	PK	5.35027G	7.41	-46.77	-43.07	-41.53	-34.12	-21.20	-12.92
5290MHz	Pass	5.38G	7G	PK	6.97611G	7.41	-51.31	-50.32	-47.78	-40.37	-27.00	-13.37
5530MHz	Pass	4.5G	5.35G	AV	5.35G	7.41	-63.01	-62.02	-59.48	-52.07	-41.20	-10.87
5530MHz	Pass	5.35G	5.47G	AV	5.4598G	7.41	-56.62	-55.00	-52.72	-45.31	-41.20	-4.11
5530MHz	Pass	4.5G	5.35G	PK	5.31388G	7.41	-52.57	-52.27	-49.41	-42.00	-27.00	-15.00
5530MHz	Pass	5.35G	5.46G	PK	5.45758G	7.41	-45.89	-42.48	-40.85	-33.44	-21.20	-12.24
5530MHz	Pass	5.46G	5.47G	PK	5.4655G	7.41	-41.11	-42.67	-38.81	-31.40	-27.00	-4.40
5530MHz	Pass	5.725G	5.75G	PK	5.72855G	7.41	-49.15	-51.41	-47.12	-39.71	-27.00	-12.71
5530MHz	Pass	5.75G	7G	PK	6.94156G	7.41	-51.46	-49.45	-47.33	-39.92	-27.00	-12.92
5690MHz Straddle 5.47-5.725GHz	Pass	4.5G	5.35G	AV	5.35G	7.41	-57.66	-57.66	-54.65	-47.24	-41.20	-6.04
5690MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.47G	AV	5.45932G	7.41	-57.34	-55.16	-53.10	-45.69	-41.20	-4.49
5690MHz Straddle 5.47-5.725GHz	Pass	4.5G	5.35G	PK	5.3466G	7.41	-47.36	-48.17	-44.74	-37.33	-27.00	-10.33
5690MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.46G	PK	5.45219G	7.41	-48.45	-44.13	-42.76	-35.35	-21.20	-14.15
5690MHz Straddle 5.47-5.725GHz	Pass	5.46G	5.47G	PK	5.46332G	7.41	-46.52	-44.50	-42.38	-34.97	-27.00	-7.97
5690MHz Straddle 5.47-5.725GHz	Pass	5.85G	7G	PK	5.85633G	7.41	-47.03	-43.51	-41.91	-34.50	-27.00	-7.50
5775MHz	Pass	4.5G	5.6G	AV	5.41025G	7.41	-57.62	-57.62	-54.61	-47.20	-41.20	-6.00
5775MHz	Pass	4.5G	5.6G	PK	5.59505G	7.41	-47.59	-41.70	-40.70	-33.29	-27.00	-6.29
5775MHz	Pass	5.6G	5.65G	PK	5.64975G	7.41	-41.15	-39.74	-37.38	-29.97	-27.00	-2.97
5775MHz	Pass	5.65G	5.7G	PK	5.65G	7.41	-41.15	-42.88	-38.92	-31.51	-27.00	-4.51
5775MHz	Pass	5.7G	5.72G	PK	5.70272G	7.41	-30.12	-35.06	-28.91	-21.50	10.76	-32.26
5775MHz	Pass	5.72G	5.725G	PK	5.72004G	7.41	-31.47	-31.46	-28.45	-21.04	15.69	-36.73
5775MHz	Pass	5.85G	5.855G	PK	5.85481G	7.41	-33.08	-35.00	-30.92	-23.51	16.03	-39.54
5775MHz	Pass	5.855G	5.875G	PK	5.87434G	7.41	-34.01	-40.86	-33.19	-25.78	10.18	-35.96
5775MHz	Pass	5.875G	5.925G	PK	5.92475G	7.41	-42.36	-43.21	-39.75	-32.34	-26.82	-5.52
5775MHz	Pass	5.925G	7G	PK	5.93118G	7.41	-46.71	-42.35	-40.99	-33.58	-27.00	-6.58

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Bandedge [PK]

5180MHz

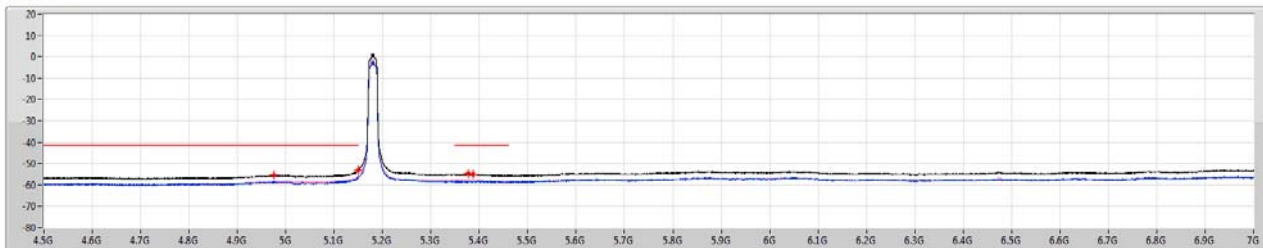


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.1G	1M	PK	5.0097G	-44.32	-47.18	-47.49
5.1G	5.15G	1M	PK	5.14905G	-41.40	-45.08	-43.32
5.35G	5.38G	1M	PK	5.35606G	-45.13	-48.88	-44.48
5.59G	7G	1M	PK	6.96963G	-42.70	-43.87	-43.36

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Bandedge [AV]

5180MHz

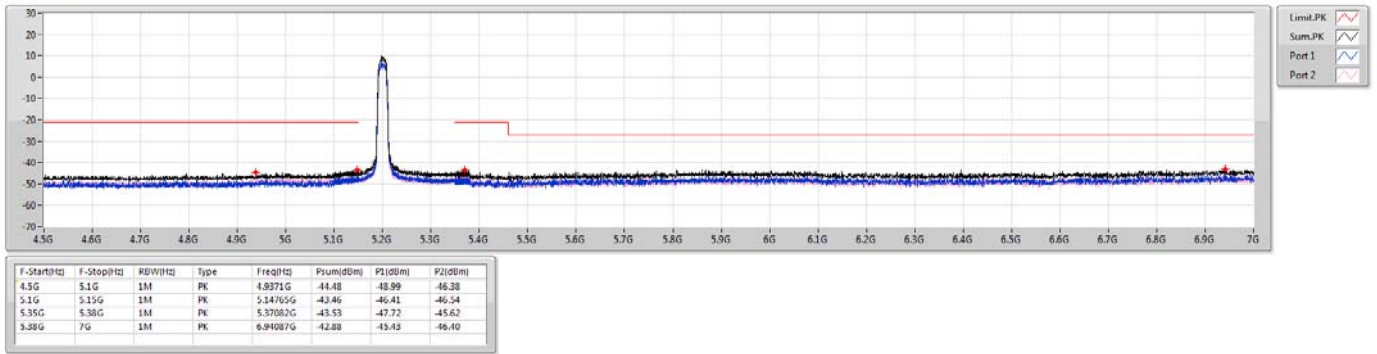


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.1G	1M	AV	4.9752G	-55.41	-58.71	-58.14
5.1G	5.15G	1M	AV	5.14995G	-52.95	-56.72	-55.32
5.35G	5.38G	1M	AV	5.37706G	-54.80	-58.65	-57.11
5.59G	7G	1M	AV	5.98689G	-54.91	-58.53	-57.55

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Bandedge [PK]

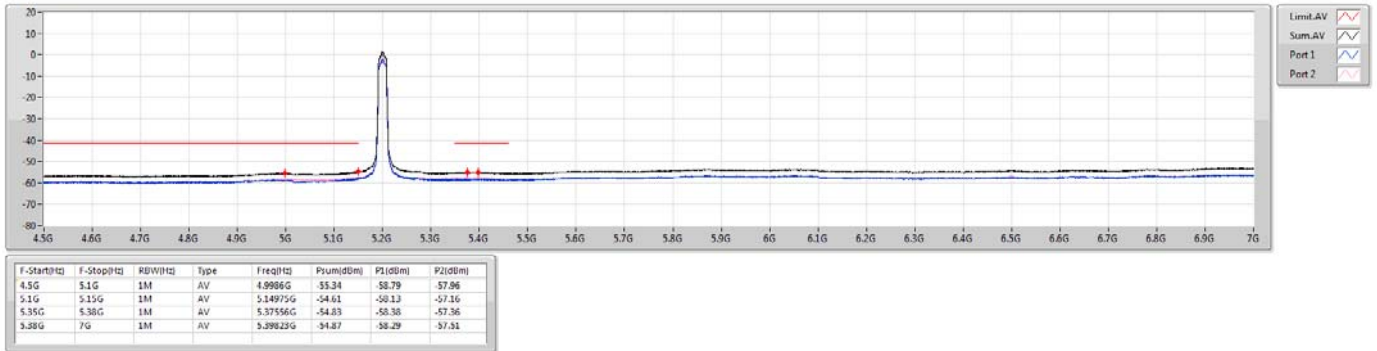
5200MHz



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Bandedge [AV]

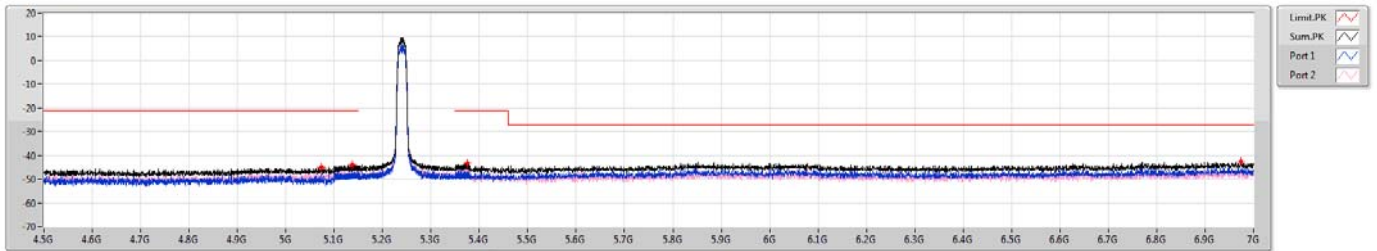
5200MHz



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Bandedge [PK]

5240MHz

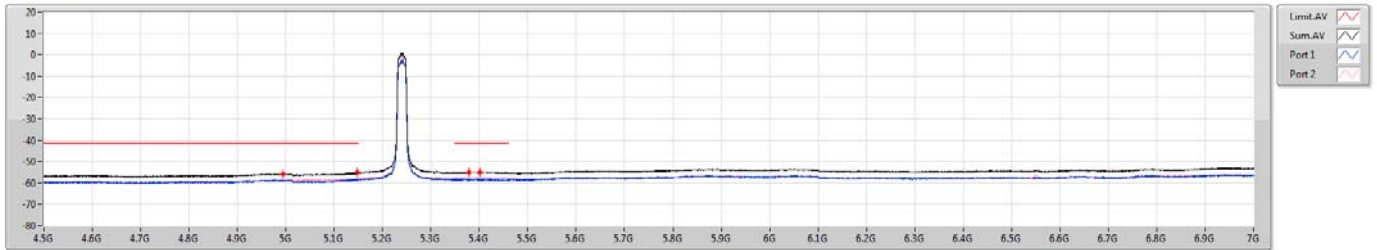


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.1G	1M	PK	5.0736G	-41.92	-47.79	-48.08
5.1G	5.15G	1M	PK	5.13745G	-43.92	-46.09	-47.97
5.35G	5.38G	1M	PK	5.37404G	-43.17	-48.02	-44.89
5.38G	7G	1M	PK	6.97398G	-42.63	-46.46	-41.98

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Bandedge [AV]

5240MHz

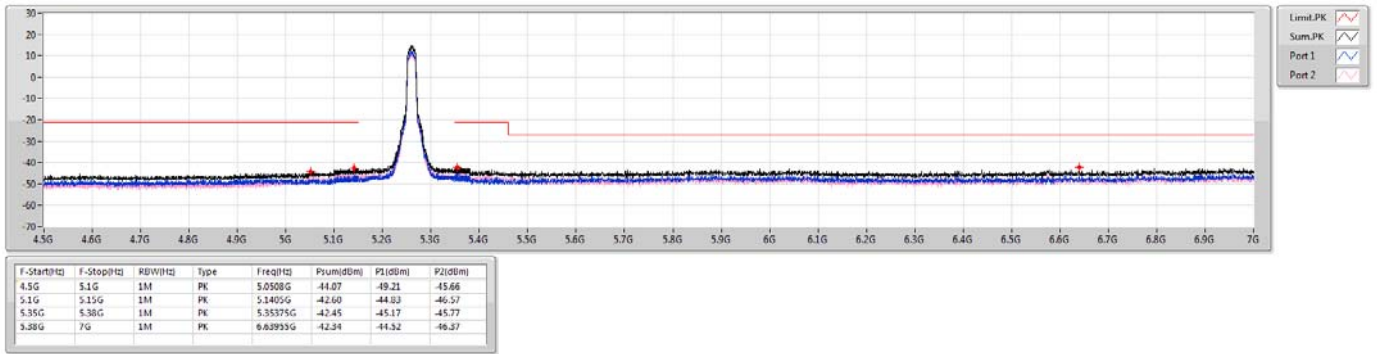


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.1G	1M	AV	4.9953G	-55.62	-58.78	-58.49
5.1G	5.15G	1M	AV	5.14725G	-55.15	-58.42	-57.91
5.35G	5.38G	1M	AV	5.37802G	-54.95	-58.37	-57.59
5.38G	7G	1M	AV	5.40066G	-54.83	-58.36	-57.26

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Bandedge [PK]

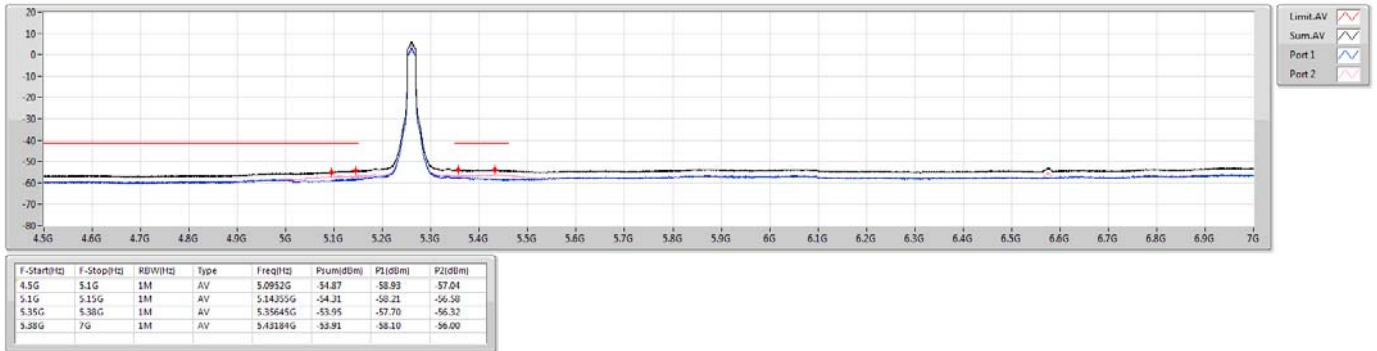
5260MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Bandedge [AV]

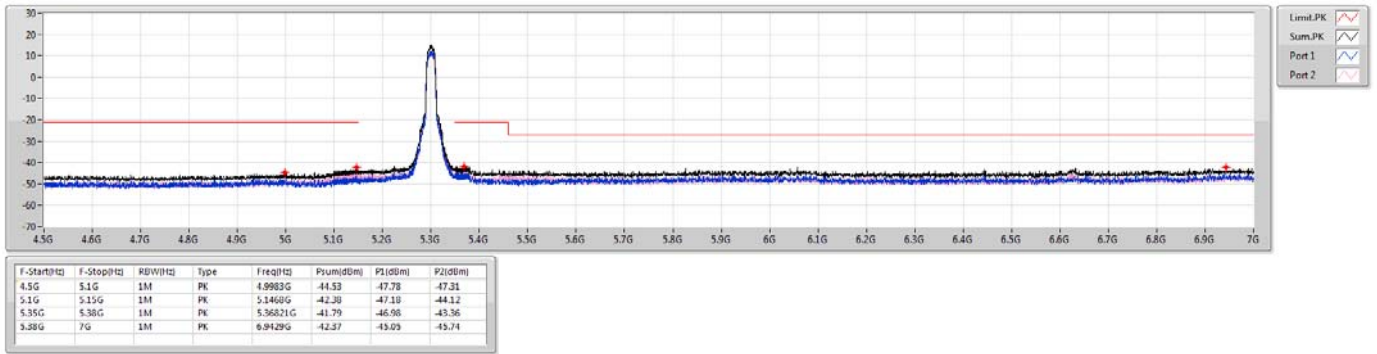
5260MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Bandedge [PK]

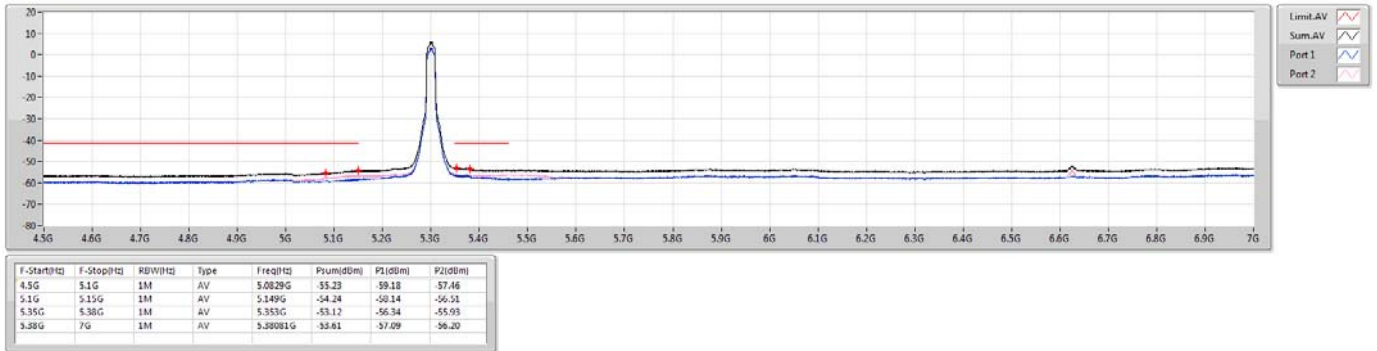
5300MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Bandedge [AV]

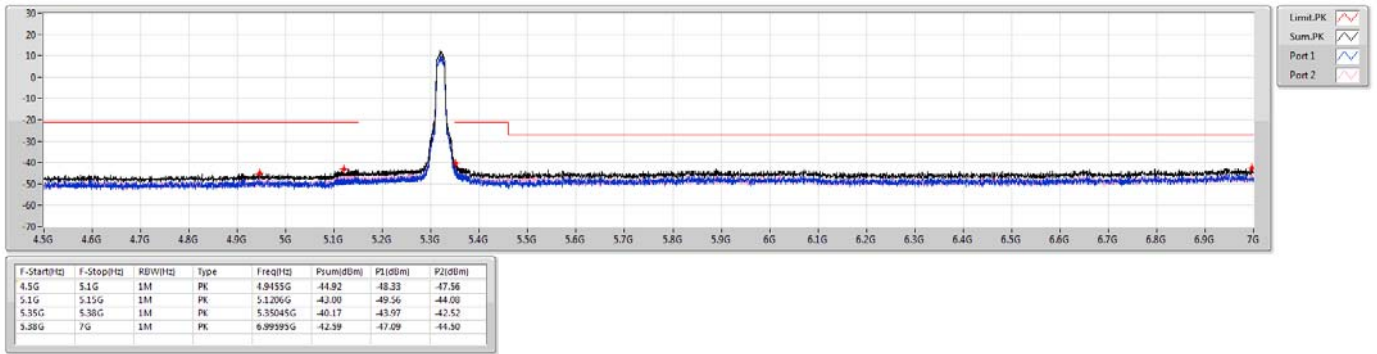
5300MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Bandedge [PK]

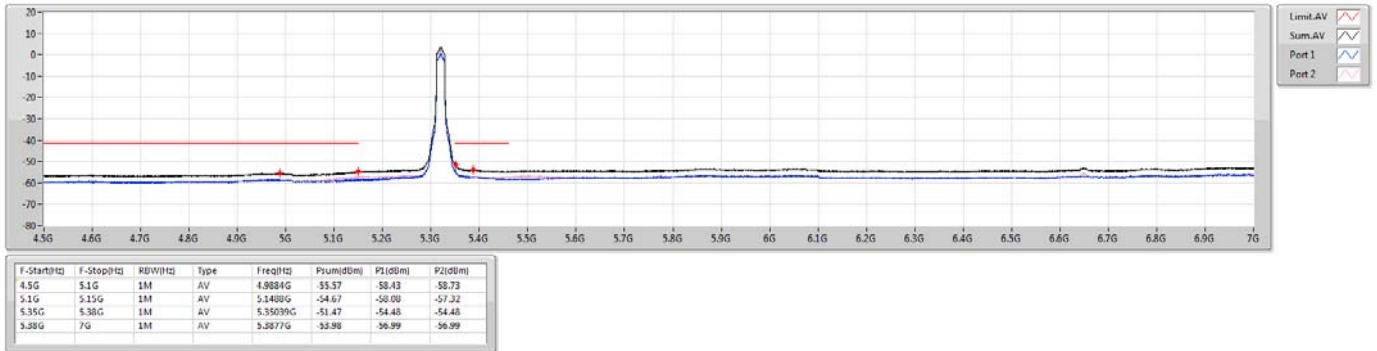
5320MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Bandedge [AV]

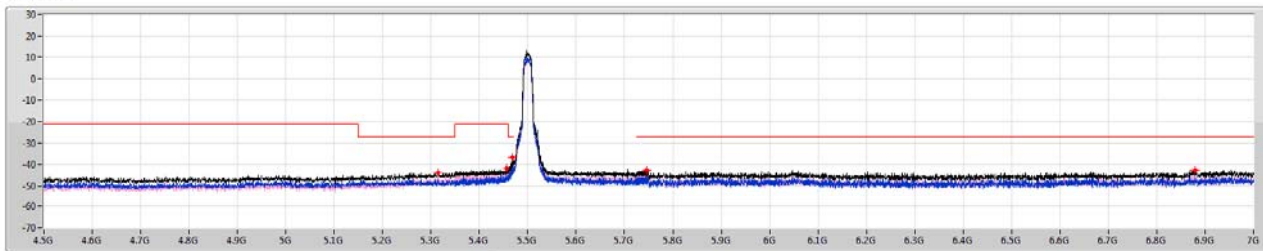
5320MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Bandedge [PK]

5500MHz



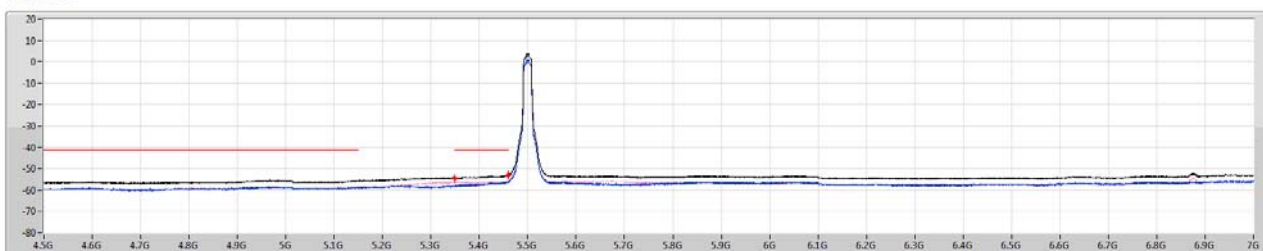
Limit_PK
Sum_PK
Port 1
Port 2

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.35G	1M	PK	5.3143G	-43.96	-47.12	-46.83
5.35G	5.46G	1M	PK	5.43615G	-41.82	-44.57	-45.10
5.46G	5.47G	1M	PK	5.46809G	-38.97	-40.82	-39.27
5.725G	5.75G	1M	PK	5.74595G	-42.81	-46.21	-45.46
5.75G	7G	1M	PK	6.88G	-42.57	-45.94	-45.25

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Bandedge [AV]

5500MHz



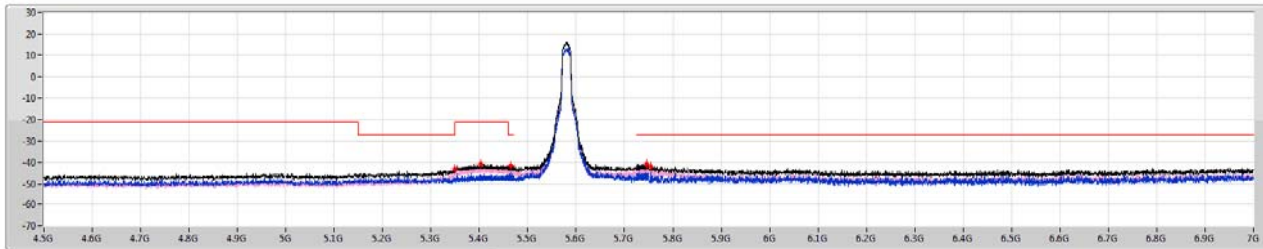
Limit_AV
Sum_AV
Port 1
Port 2

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.35G	1M	AV	5.35G	-54.62	-58.46	-56.93
5.35G	5.47G	1M	AV	5.45944G	-53.16	-56.63	-55.76

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Bandedge [PK]

5580MHz



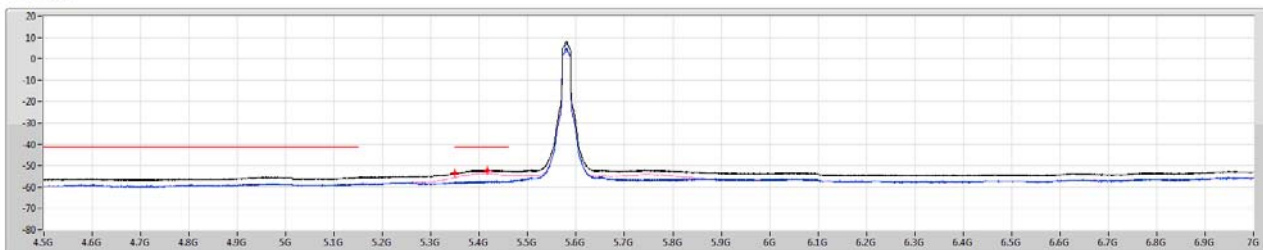
Limit_PK
Sum_PK
Port 1
Port 2

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.35G	1M	PK	5.21915G	-43.05	-47.19	-45.16
5.35G	5.46G	1M	PK	5.40269G	-40.80	-46.38	-42.21
5.46G	5.47G	1M	PK	5.4619G	-41.29	-44.44	-41.17
5.725G	5.75G	1M	PK	5.74593G	-40.58	-46.37	-41.91
5.75G	7G	1M	PK	5.75469G	-41.68	-44.49	-44.89

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Bandedge [AV]

5580MHz



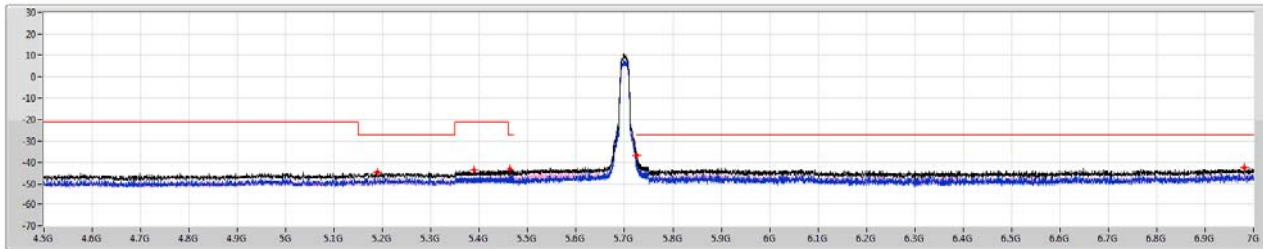
Limit_AV
Sum_AV
Port 1
Port 2

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.35G	1M	AV	5.35G	-53.61	-57.92	-55.62
5.35G	5.47G	1M	AV	5.41672G	-52.11	-57.46	-53.61

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Bandedge [PK]

5700MHz



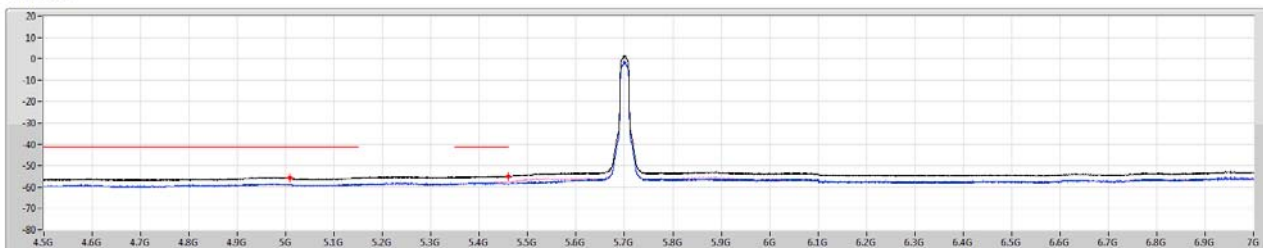
Limit_PK
Sum_PK
Port 1
Port 2

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.35G	1M	PK	5.18893G	-44.61	-47.66	-47.58
5.35G	5.46G	1M	PK	5.39802G	-45.48	-47.08	-45.93
5.46G	5.47G	1M	PK	5.46385G	-42.91	-47.91	-44.56
5.725G	5.75G	1M	PK	5.725G	-36.82	-38.86	-41.09
5.75G	7G	1M	PK	6.98188G	-42.19	-48.08	-43.49

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Bandedge [AV]

5700MHz



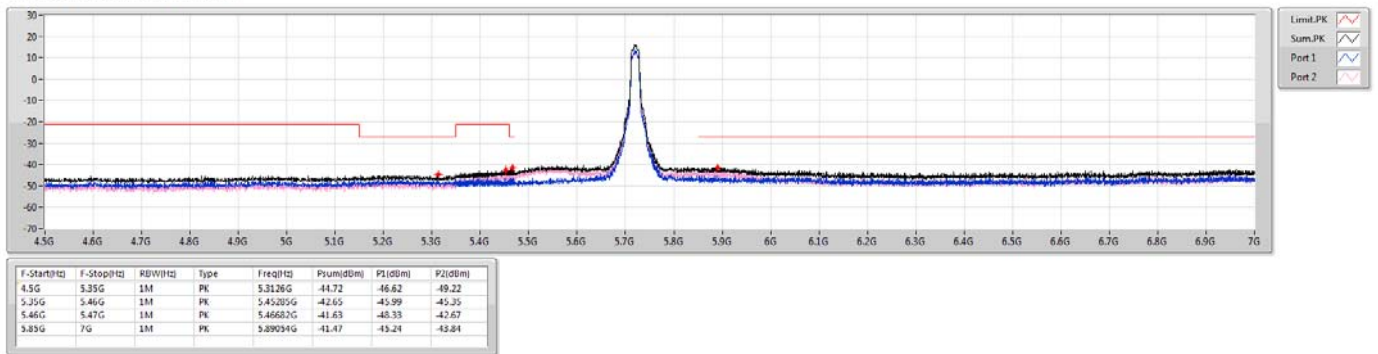
Limit_AV
Sum_AV
Port 1
Port 2

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.35G	1M	AV	5.00833G	-55.62	-58.78	-58.49
5.35G	5.47G	1M	AV	5.45896G	-54.95	-58.68	-57.34

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Bandedge [PK]

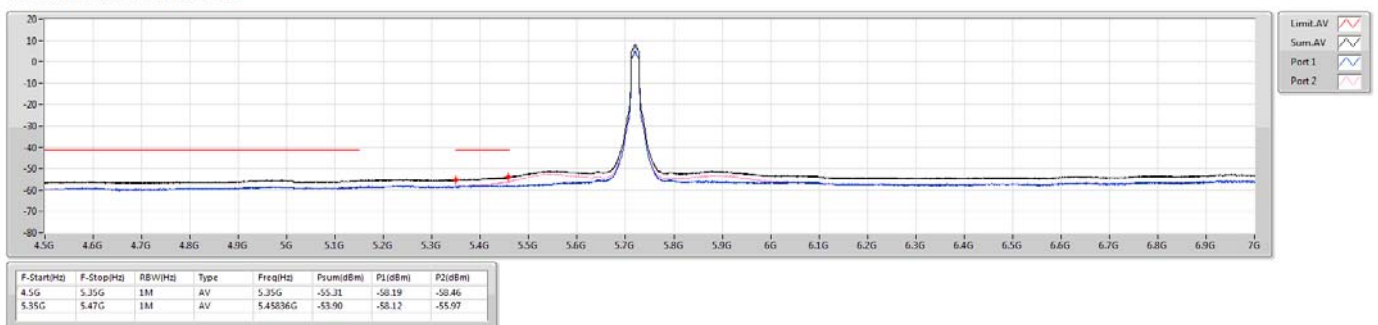
5720MHz Straddle 5.47-5.725GHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Bandedge [AV]

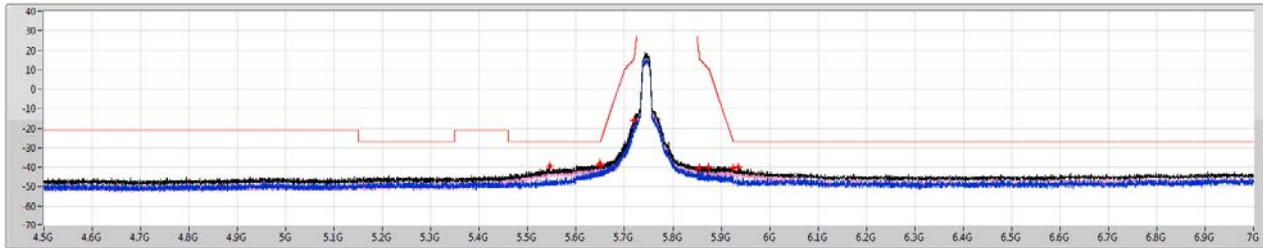
5720MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Bandedge [PK]

5745MHz

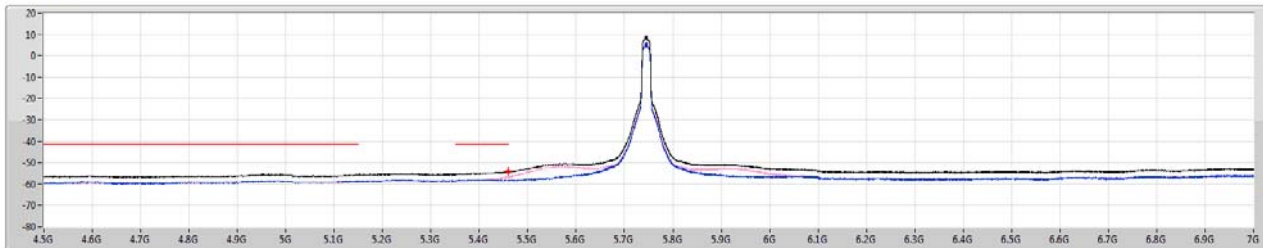


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.6G	1M	PK	5.54555G	-39.67	46.51	-40.68
5.6G	5.65G	1M	PK	5.64905G	-30.21	-42.88	-40.02
5.65G	5.7G	1M	PK	5.69365G	-38.88	-43.04	-40.98
5.7G	5.72G	1M	PK	5.71980G	-15.65	19.30	-18.11
5.72G	5.725G	1M	PK	5.72002G	-15.66	19.30	-18.20
5.85G	5.855G	1M	PK	5.855G	-40.50	-43.70	-43.33
5.855G	5.875G	1M	PK	5.87302G	-39.83	-42.37	-43.36
5.875G	5.925G	1M	PK	5.92455G	-40.73	-44.61	-42.20
5.925G	7G	1M	PK	5.93460G	-40.00	-46.02	-41.11

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Bandedge [AV]

5745MHz



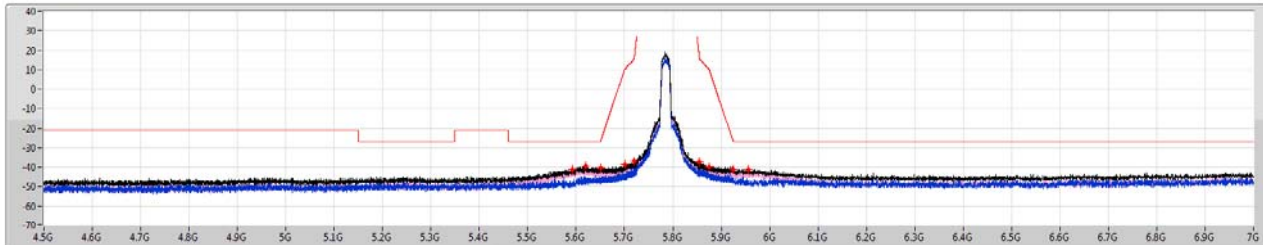
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.6G	1M	AV	5.43975G	-54.30	58.12	-56.63



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Bandedge [PK]

5785MHz

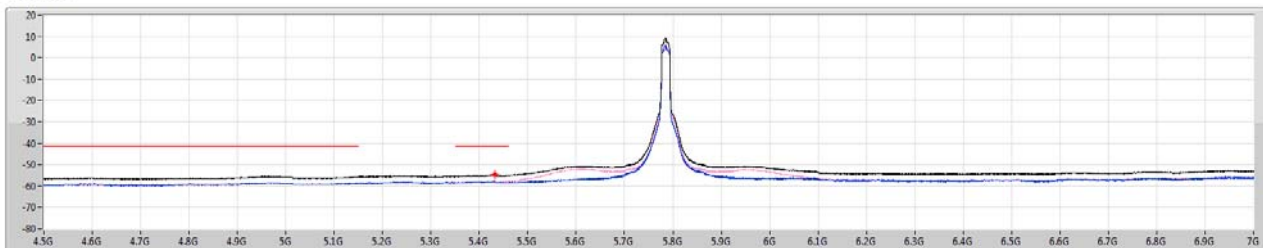


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.6G	1M	PK	5.58175G	-41.34	-48.29	-42.32
5.6G	5.65G	1M	PK	5.62045G	-39.64	-45.01	-40.04
5.65G	5.7G	1M	PK	5.6512G	-40.32	-47.71	-41.30
5.7G	5.72G	1M	PK	5.70014G	-38.83	-45.70	-39.82
5.72G	5.725G	1M	PK	5.7206G	-36.83	-41.12	-38.85
5.85G	5.855G	1M	PK	5.85479G	37.37	-43.14	-38.71
5.855G	5.875G	1M	PK	5.87494G	-39.85	-44.41	-41.72
5.875G	5.925G	1M	PK	5.925G	-41.20	-46.11	-42.90
5.925G	7G	1M	PK	5.95671G	-41.16	-47.22	-42.40

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Bandedge [AV]

5785MHz

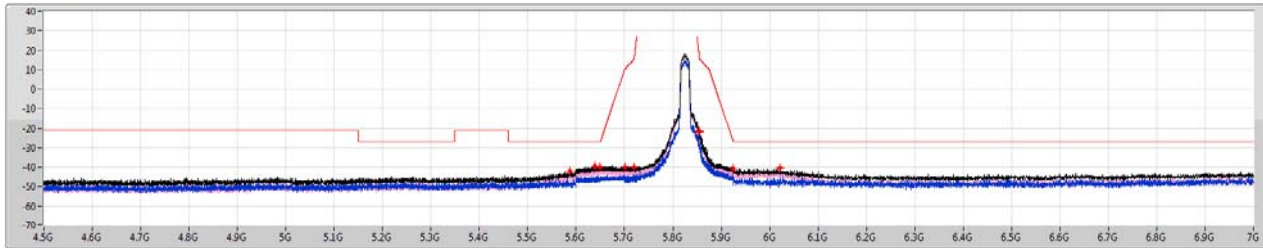


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.6G	1M	AV	5.4317G	-54.83	-57.77	-57.51

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Bandedge [PK]

5825MHz



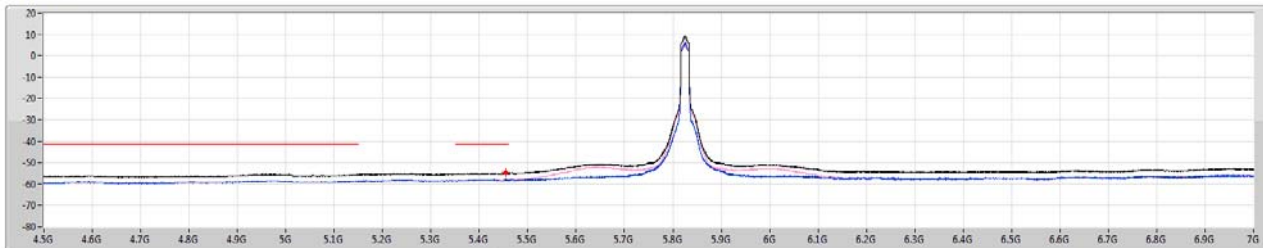
Limit.PK
Sum.PK
Port 1
Port 2

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.6G	1M	PK	5.58717G	-41.87	-48.51	-43.06
5.6G	5.65G	1M	PK	5.6397G	-39.47	-47.39	-40.24
5.65G	5.7G	1M	PK	5.65G	-39.90	-45.31	-41.58
5.7G	5.72G	1M	PK	5.701G	-40.13	-46.08	-41.40
5.72G	5.725G	1M	PK	5.72001G	-40.07	-46.03	-41.34
5.85G	5.855G	1M	PK	5.85498G	-21.41	-26.92	-22.85
5.855G	5.875G	1M	PK	5.85506G	-21.81	-26.82	-22.46
5.875G	5.925G	1M	PK	5.92485G	-40.67	-45.96	-42.20
5.925G	7G	7G	PK	6.02121G	-40.50	-45.67	-42.07

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Bandedge [AV]

5825MHz



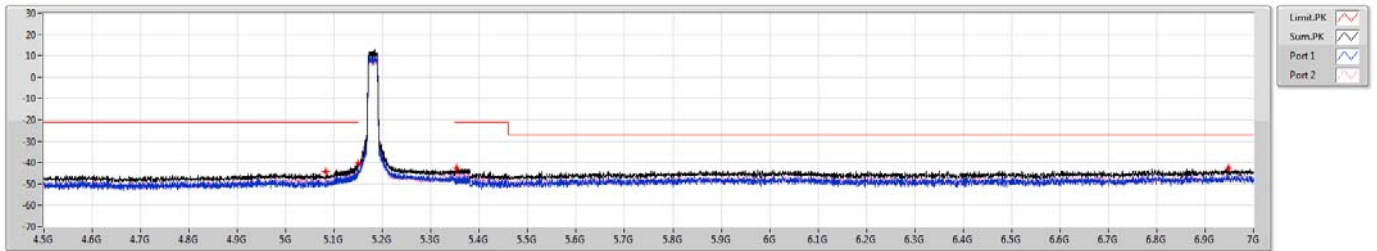
Limit.AV
Sum.AV
Port 1
Port 2

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.6G	1M	AV	5.45425G	-54.72	-57.60	-57.86

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

5180MHz

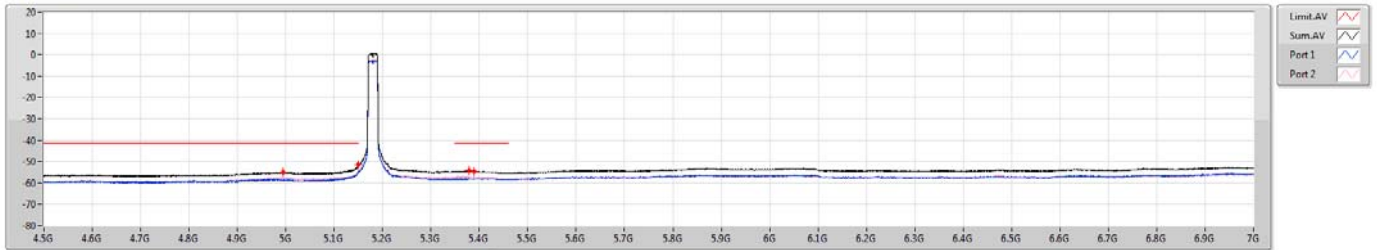


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Power(dBm)	P1(dBm)	P2(dBm)
4.5G	5.1G	1M	PK	5.0826G	-41.18	-47.56	-46.85
5.1G	5.15G	1M	PK	5.14905G	-40.22	-43.19	-43.20
5.35G	5.38G	1M	PK	5.35243G	-42.60	-48.14	-44.02
5.38G	7G	1M	PK	6.94816G	-42.39	-44.57	-46.95

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

5180MHz

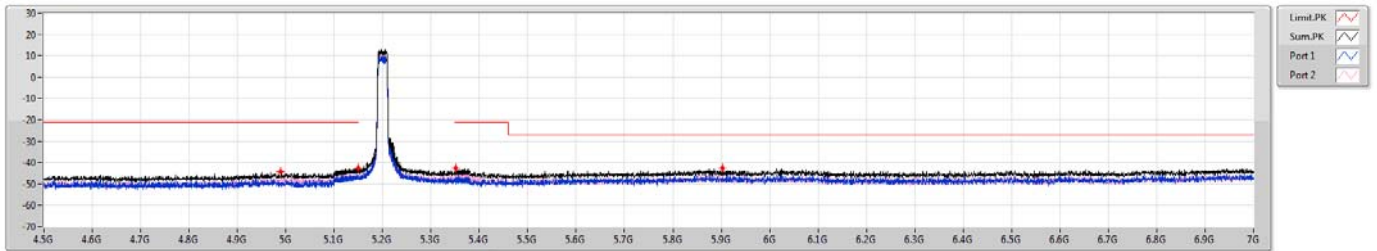


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Power(dBm)	P1(dBm)	P2(dBm)
4.5G	5.1G	1M	AV	4.9941G	-55.00	-58.45	-57.62
5.1G	5.15G	1M	AV	5.1490G	-51.36	-54.64	-54.12
5.35G	5.38G	1M	AV	5.37835G	-54.35	-58.04	-56.78
5.38G	7G	1M	AV	5.38891G	-54.43	-58.01	-56.98

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

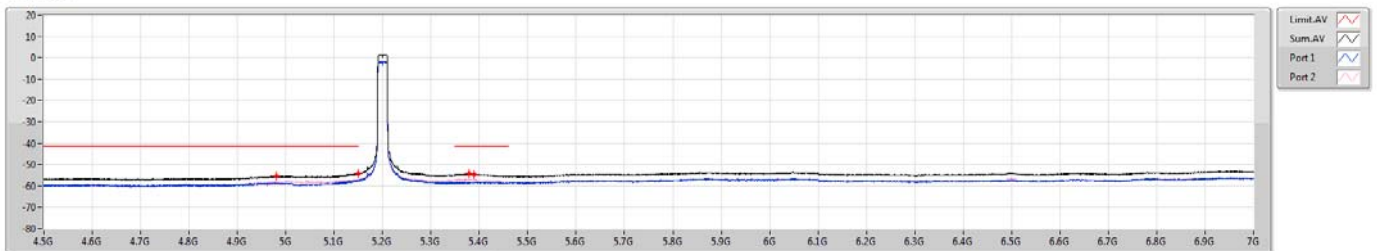
5200MHz



5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

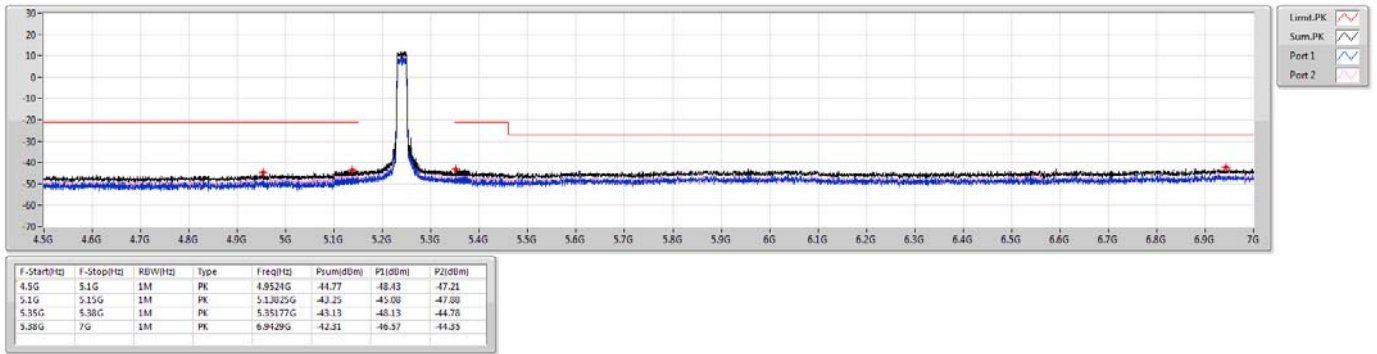
5200MHz



5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

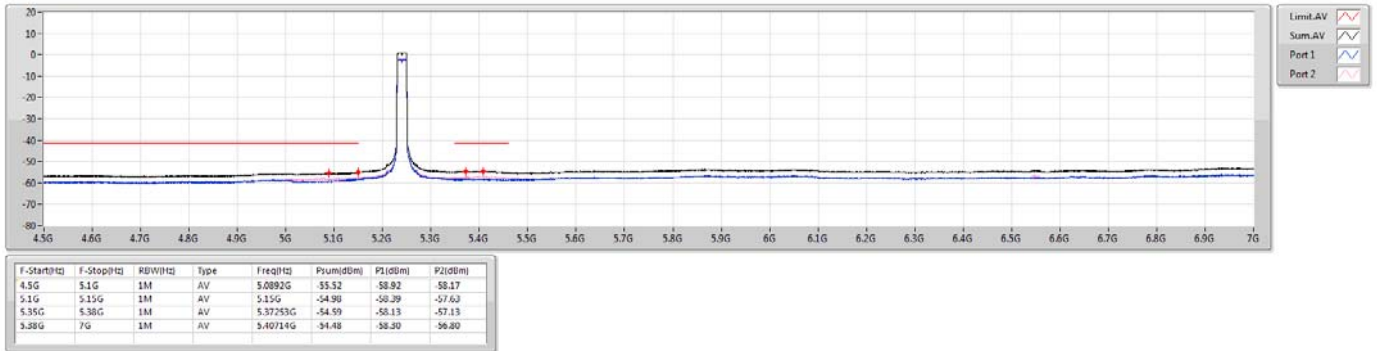
5240MHz



5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

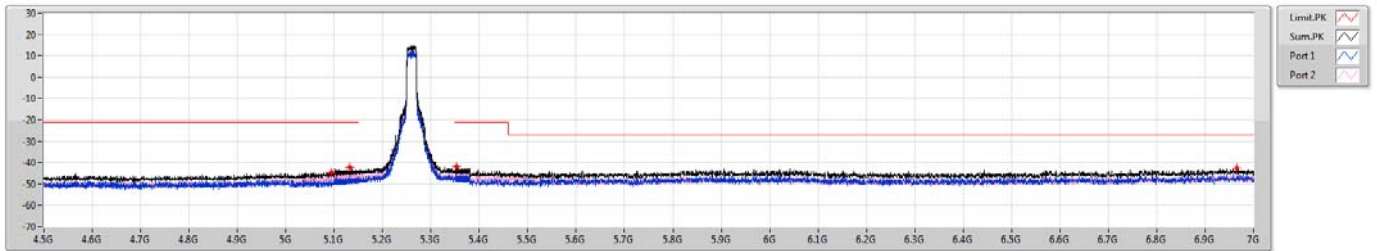
5240MHz



5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

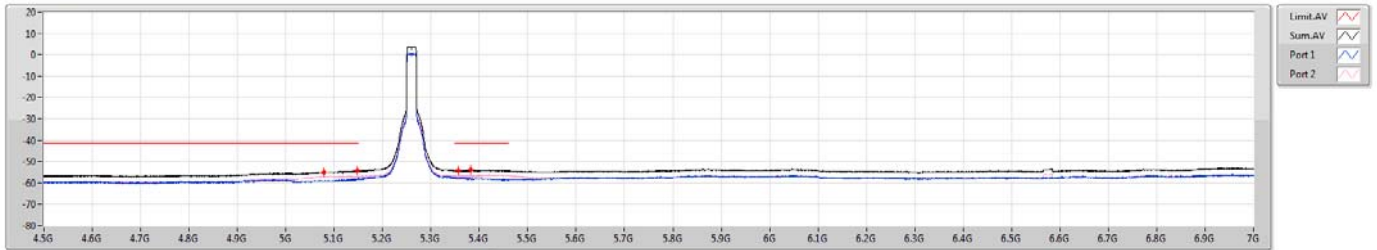
5260MHz



5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

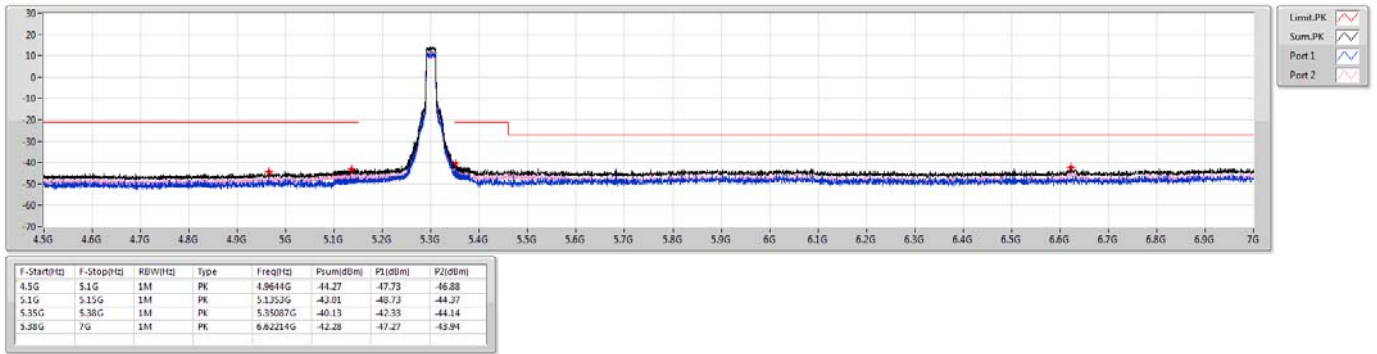
5260MHz



5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

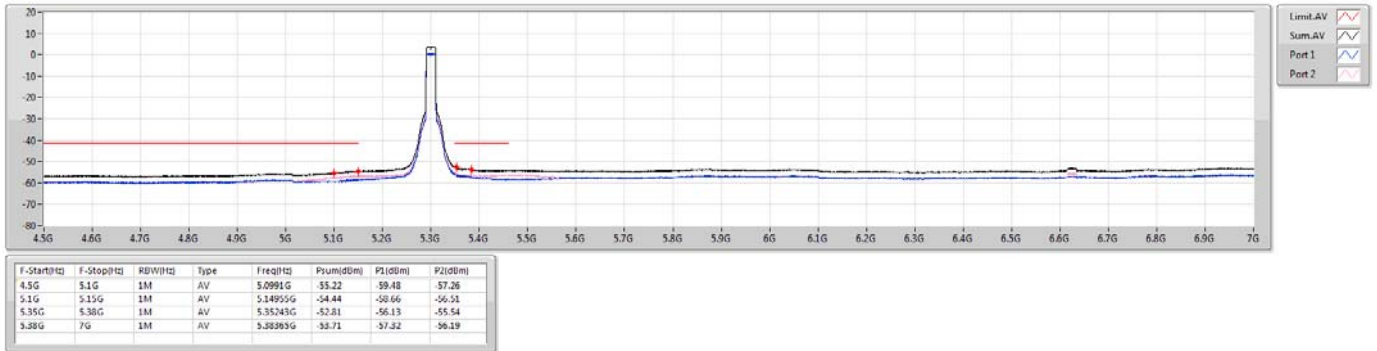
5300MHz



5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

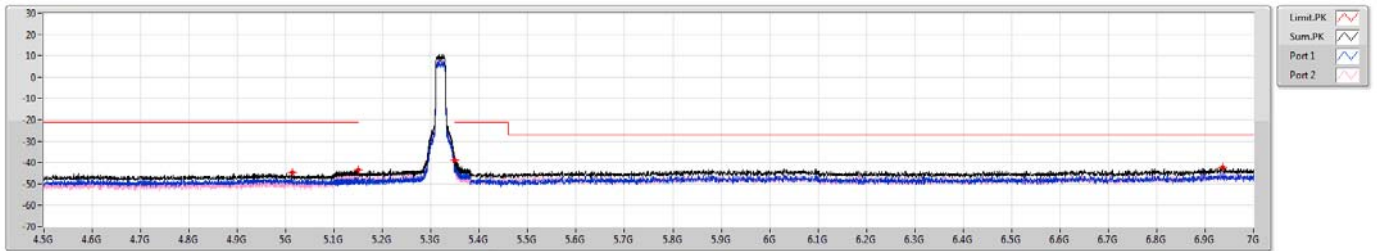
5300MHz



5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

5320MHz

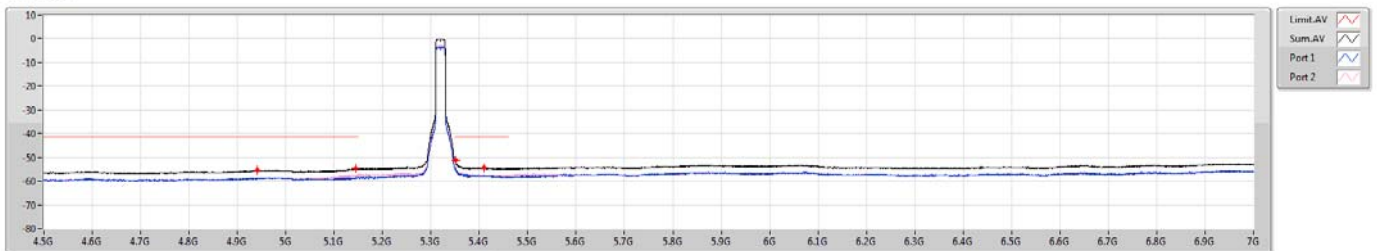


F-Start(FHz)	F-Stop(FHz)	RBW(BHz)	Type	Freq(FHz)	Prm(dBm)	P1(dBm)	P2(dBm)
4.5G	5.1G	1M	PK	5.013G	-44.56	-46.20	-49.58
5.1G	5.15G	1M	PK	5.14975G	-43.29	-46.65	-44.70
5.35G	5.38G	1M	PK	5.35024G	-38.63	-39.99	-44.35
5.38G	7G	1M	PK	6.93961G	-42.41	-44.84	-46.10

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

5320MHz



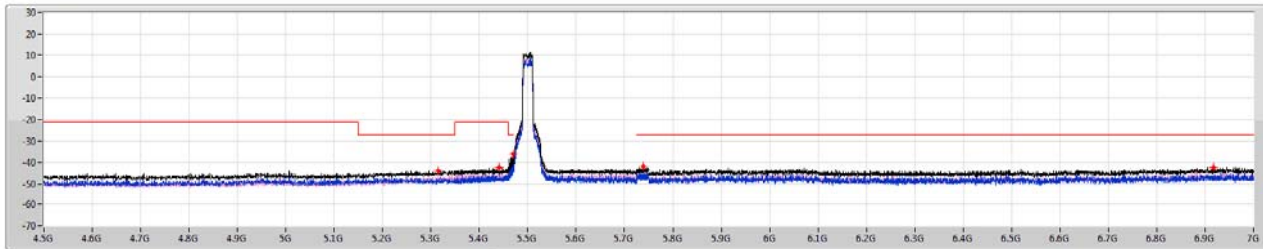
F-Start(FHz)	F-Stop(FHz)	RBW(BHz)	Type	Freq(FHz)	Prm(dBm)	P1(dBm)	P2(dBm)
4.5G	5.1G	1M	AV	4.941G	-55.37	-58.53	-58.24
5.1G	5.15G	1M	AV	5.14435G	-54.73	-58.14	-57.30
5.35G	5.38G	1M	AV	5.35057G	-51.21	-54.31	-54.14
5.38G	7G	1M	AV	5.40997G	-54.31	-57.43	-57.20



5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

5500MHz

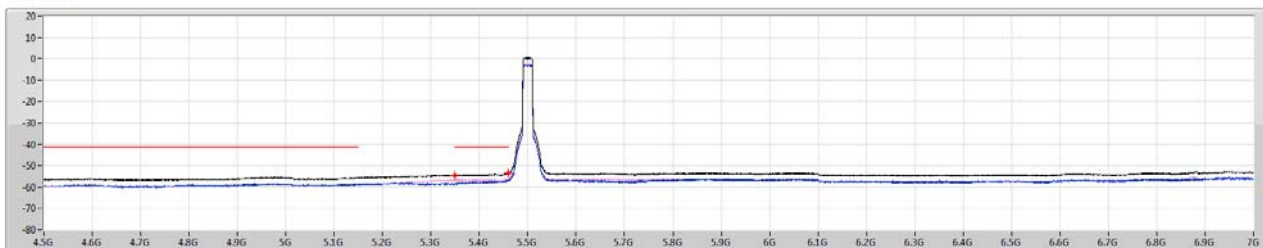


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.35G	1M	PK	5.31515G	-43.75	-40.93	-45.32
5.35G	5.46G	1M	PK	5.44053G	-42.20	-44.88	-45.56
5.46G	5.47G	1M	PK	5.46999G	-38.19	-39.65	-38.79
5.725G	5.75G	1M	PK	5.73803G	-42.00	-45.90	-44.27
5.75G	7G	1M	PK	6.91656G	-47.34	-46.68	-44.34

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

5500MHz

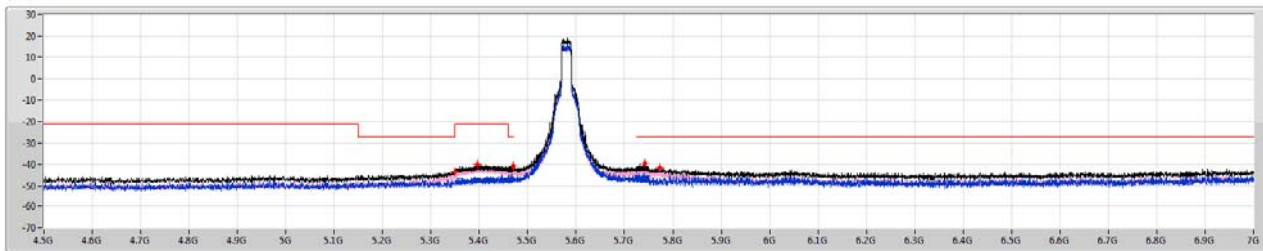


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.35G	1M	AV	5.35G	-54.74	-50.75	-56.93
5.35G	5.47G	1M	AV	5.45896G	-53.61	-56.86	-56.40

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

5580MHz



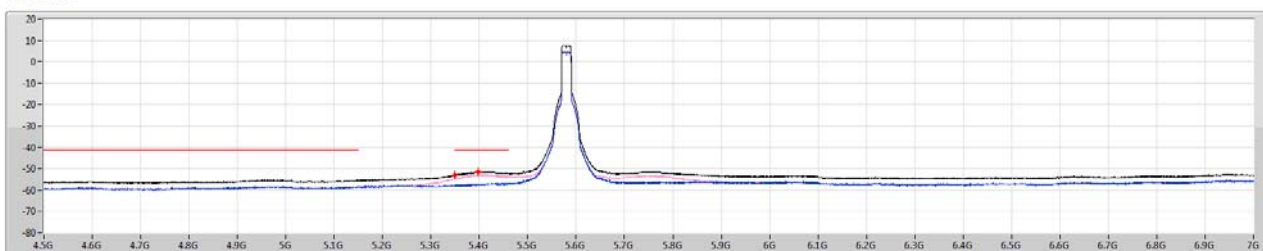
Limit_PK
Sum_PK
Port 1
Port 2

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.35G	1M	PK	5.34873G	-43.36	-40.42	-44.99
5.35G	5.46G	1M	PK	5.39532G	-39.85	-46.32	-40.96
5.46G	5.47G	1M	PK	5.46977G	-40.62	-46.03	-42.09
5.725G	5.75G	1M	PK	5.74175G	-39.56	-45.50	-40.04
5.75G	7G	1M	PK	5.77313G	-41.35	-46.64	-42.87

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

5580MHz



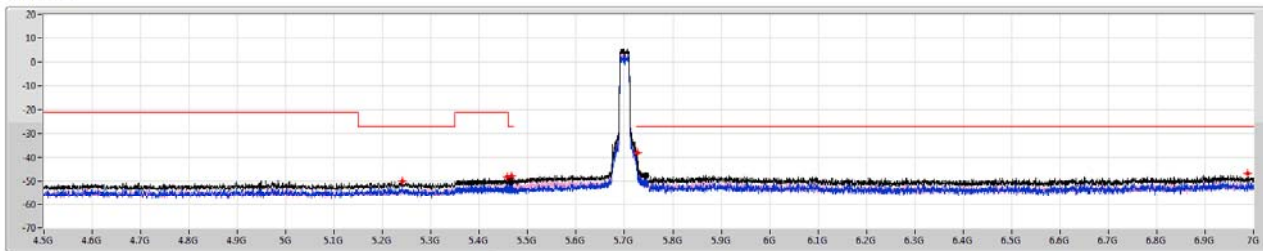
Limit_AV
Sum_AV
Port 1
Port 2

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.35G	1M	AV	5.35G	-53.20	-50.19	-54.85
5.35G	5.47G	1M	AV	5.39848G	-51.34	-57.19	-52.65

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

5700MHz



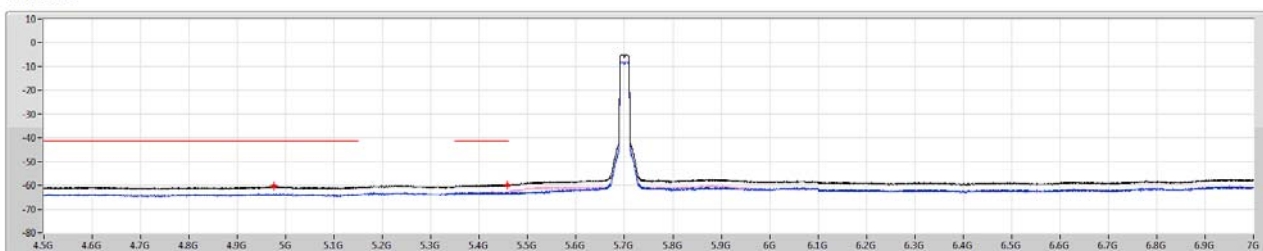
Limit_PK
Sum_PK
Port 1
Port 2

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.35G	1M	PK	5.21035G	-50.00	-52.31	-52.84
5.35G	5.46G	1M	PK	5.43557G	-48.33	-50.70	-52.10
5.46G	5.47G	1M	PK	5.466G	-47.92	-51.57	-50.38
5.725G	5.75G	1M	PK	5.72603G	-38.06	-40.46	-41.77
5.75G	7G	1M	PK	6.98781G	-46.71	-49.14	-50.38

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

5700MHz



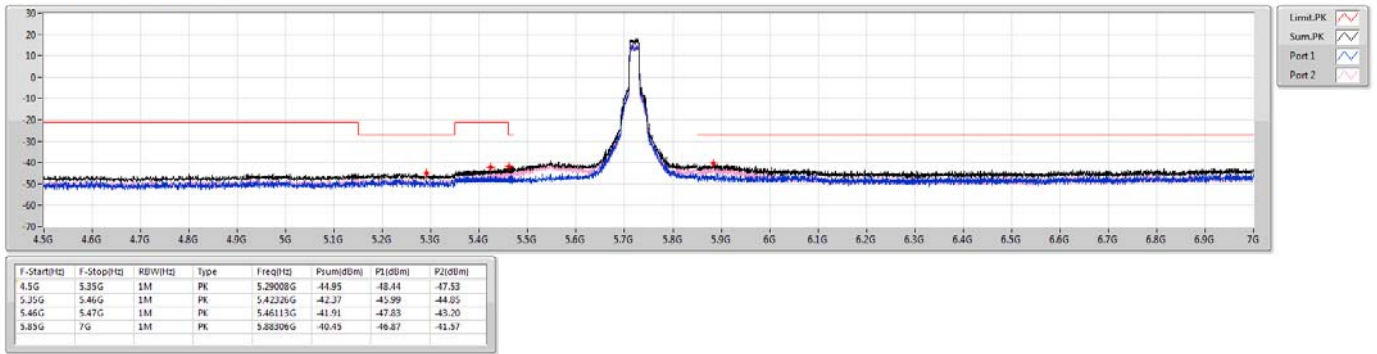
Limit_AV
Sum_AV
Port 1
Port 2

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.35G	1M	AV	4.976G	-60.45	-63.46	-63.46
5.35G	5.47G	1M	AV	5.45812G	-59.88	-63.45	-62.39

5.47-5.725GHz_802.11ax_HEW20_Nss1,(MC50)_2TX

CSE Bandedge [PK]

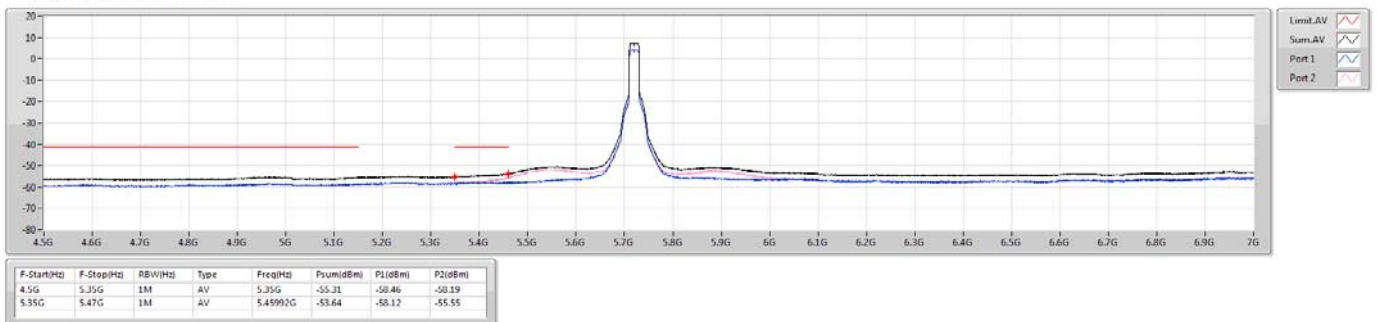
5720MHz Straddle 5.47-5.725GHz



5.47-5.725GHz_802.11ax_HEW20_Nss1,(MC50)_2TX

CSE Bandedge [AV]

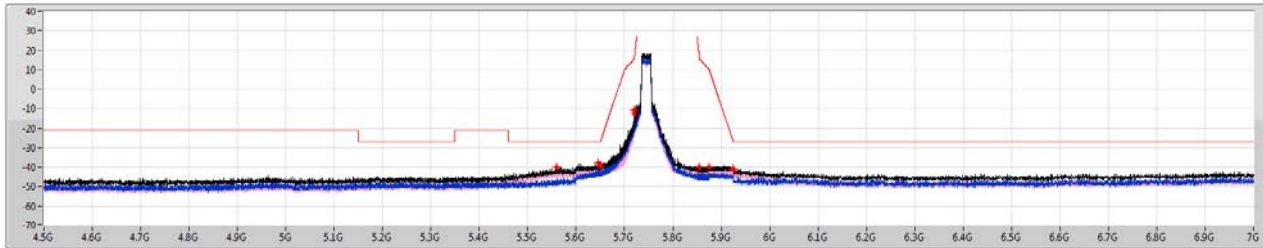
5720MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

5745MHz



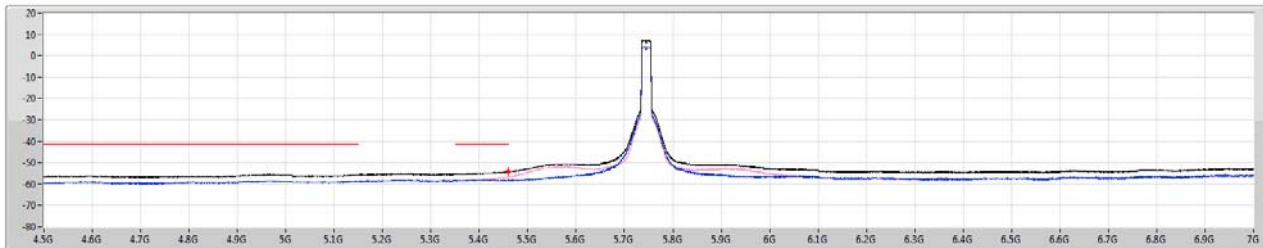
Limit.PK
Sum.PK
Port 1
Port 2

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.6G	1M	PK	5.5593G	-39.87	-47.22	-40.75
5.6G	5.65G	1M	PK	5.64615G	-37.66	-39.16	-43.00
5.65G	5.7G	1M	PK	5.6902G	-39.58	-42.88	-47.52
5.7G	5.72G	1M	PK	5.71942G	-12.49	-13.01	-22.00
5.72G	5.725G	1M	PK	5.72028G	-10.77	-11.40	-19.43
5.85G	5.855G	1M	PK	5.85493G	-40.10	-43.97	-42.39
5.855G	5.875G	1M	PK	5.87494G	-40.00	-45.69	-41.37
5.875G	5.925G	1M	PK	5.9247G	-40.62	-45.04	-42.57
5.925G	7G	7G	PK	5.92527G	-41.20	-47.17	-42.46

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

5745MHz



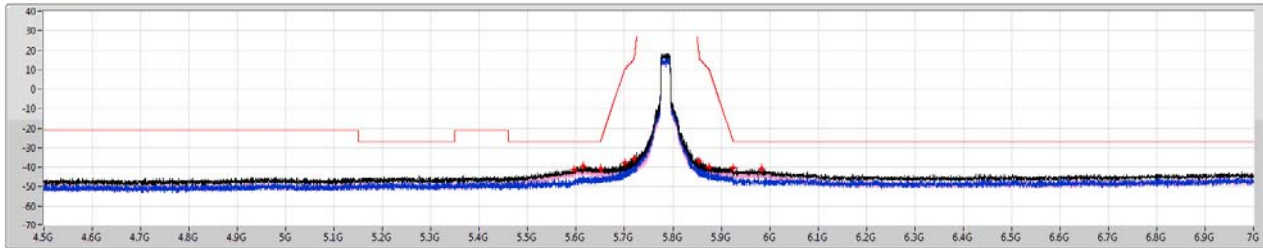
Limit.AV
Sum.AV
Port 1
Port 2

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.6G	1M	AV	5.4992G	-54.28	-58.40	-56.40

5.725-5.85GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

5785MHz



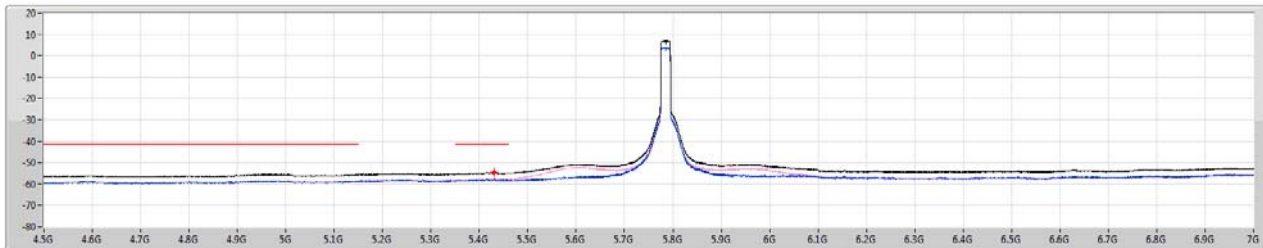
Limit.PK
Sum.PK
Port 1
Port 2

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.6G	1M	PK	5.5956G	-41.22	-47.99	-42.35
5.6G	5.65G	1M	PK	5.61515G	-39.39	-47.07	-40.20
5.65G	5.7G	1M	PK	5.6505G	-40.94	-45.59	-42.77
5.7G	5.72G	1M	PK	5.7011G	-37.85	-39.27	-42.15
5.72G	5.725G	1M	PK	5.72024G	-35.53	-36.97	-41.04
5.85G	5.855G	1M	PK	5.85469G	-36.79	-43.83	-37.75
5.855G	5.875G	1M	PK	5.87474G	-39.94	-44.99	-41.57
5.875G	5.925G	1M	PK	5.9248G	-40.18	-46.04	-41.49
5.925G	7G	1M	PK	5.98332G	-40.82	-47.73	-41.81

5.725-5.85GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

5785MHz



Limit.AV
Sum.AV
Port 1
Port 2

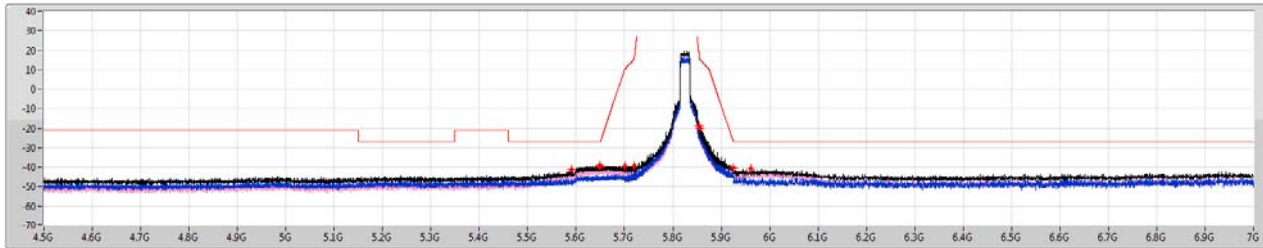
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.6G	1M	AV	5.43005G	-54.49	-57.76	-57.25



5.725-5.85GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

5825MHz

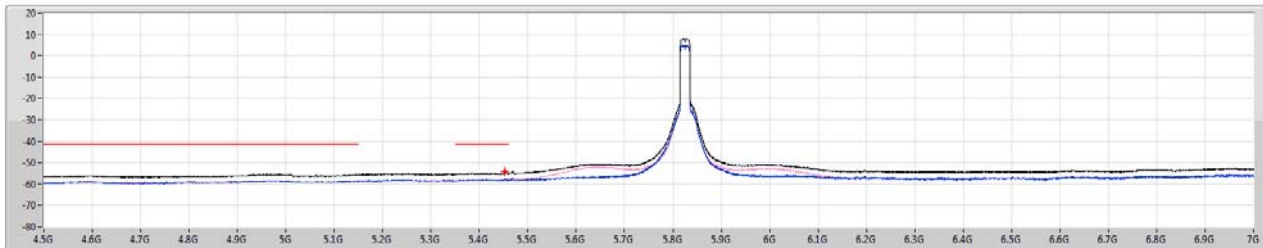


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.6G	1M	PK	5.50065G	-41.37	-47.30	-42.68
5.6G	5.65G	1M	PK	5.6494G	-38.85	-46.59	-39.65
5.65G	5.7G	1M	PK	5.65G	-39.84	-45.81	-41.11
5.7G	5.72G	1M	PK	5.70074G	-39.68	-46.87	-40.60
5.72G	5.725G	1M	PK	5.72009G	-39.38	-41.74	-42.91
5.85G	5.855G	1M	PK	5.85499G	18.81	20.10	-24.71
5.855G	5.875G	1M	PK	5.85672G	-19.99	-21.05	-24.50
5.875G	5.925G	1M	PK	5.92485G	-40.22	-44.01	-42.57
5.925G	7G	1M	PK	5.96040G	-40.69	-46.69	-41.94

5.725-5.85GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

5825MHz

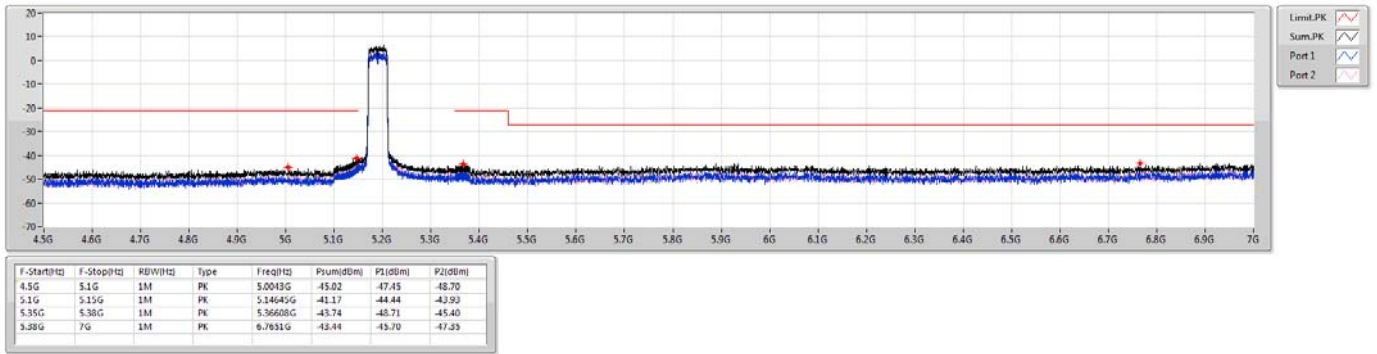


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.6G	1M	AV	5.45205G	-54.34	-57.35	-57.35

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

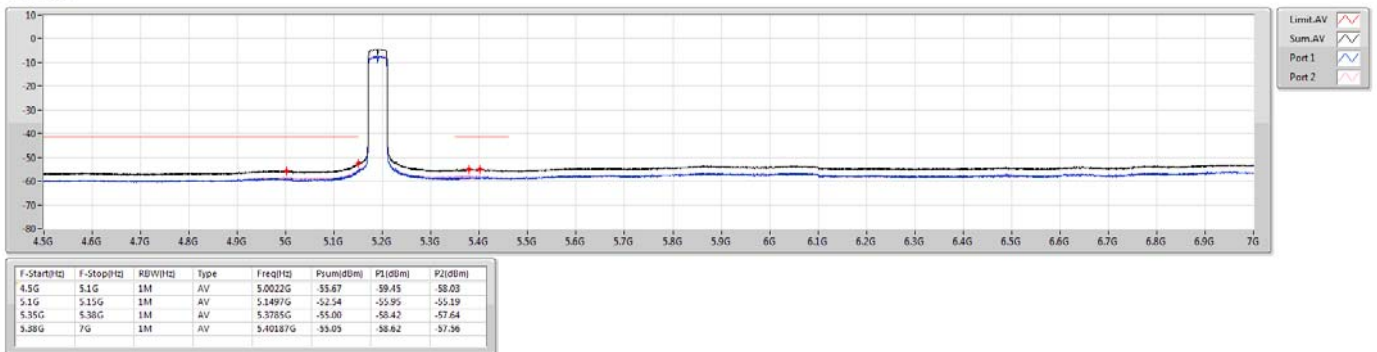
5190MHz



5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

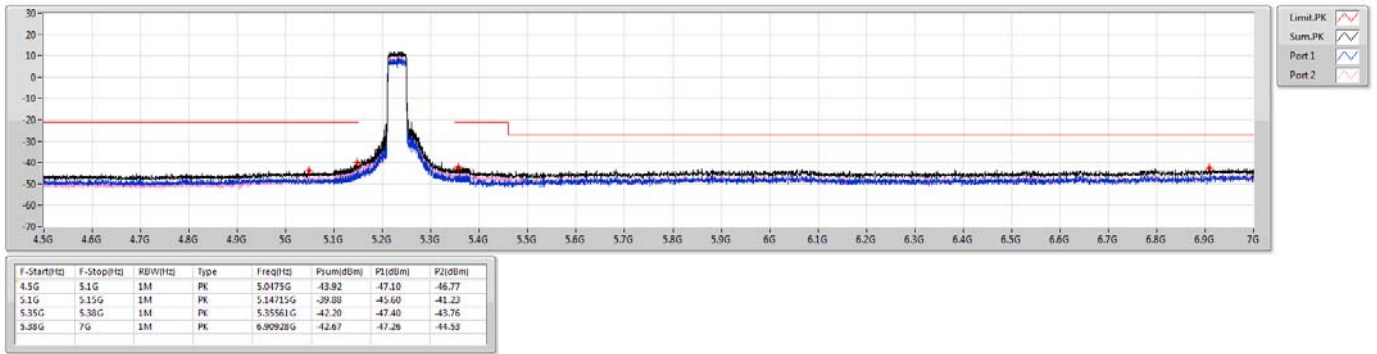
5190MHz



5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

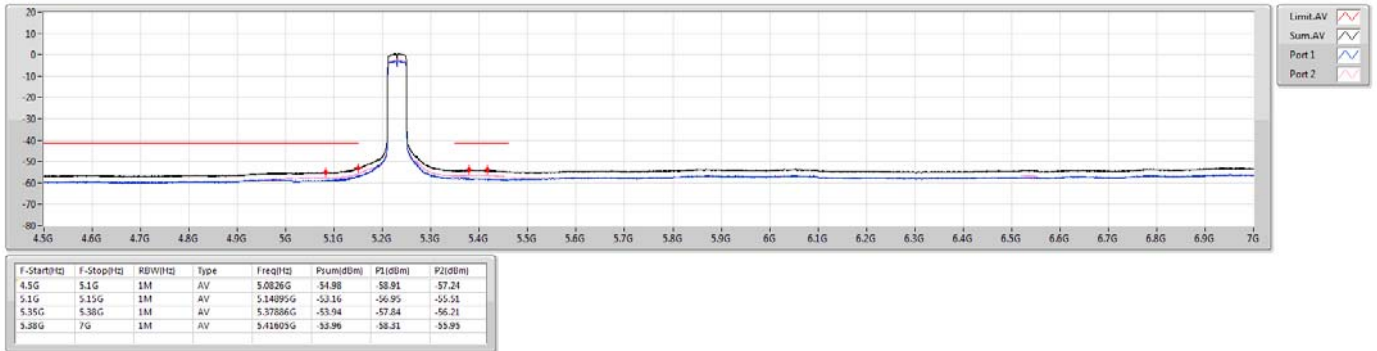
5230MHz



5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

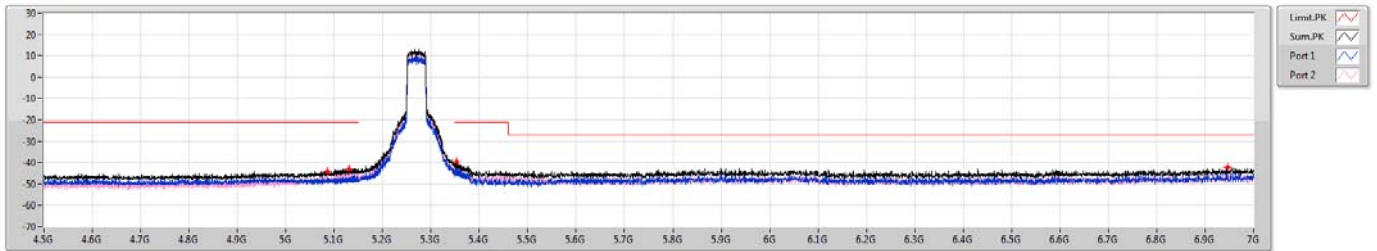
5230MHz



5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

5270MHz

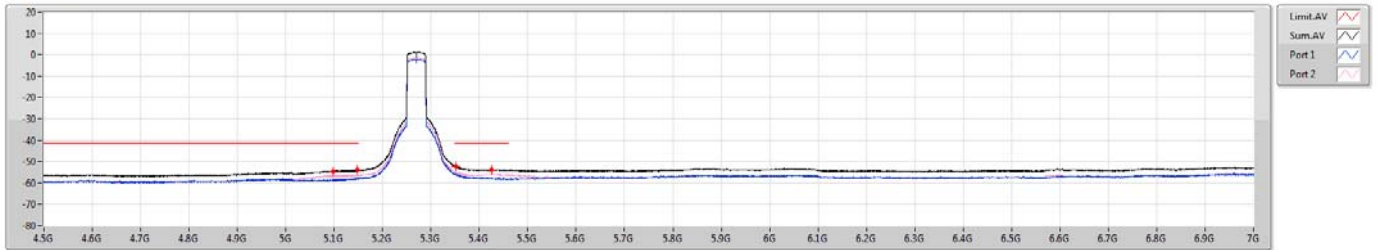


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.1G	1M	PK	5.0862G	-41.08	-46.99	-47.20
5.1G	5.15G	1M	PK	5.1313G	-43.00	-47.81	-44.74
5.35G	5.38G	1M	PK	5.3521G	-39.64	-42.16	-43.21
5.38G	7G	1M	PK	6.94895G	-42.40	-43.18	-43.85

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

5270MHz

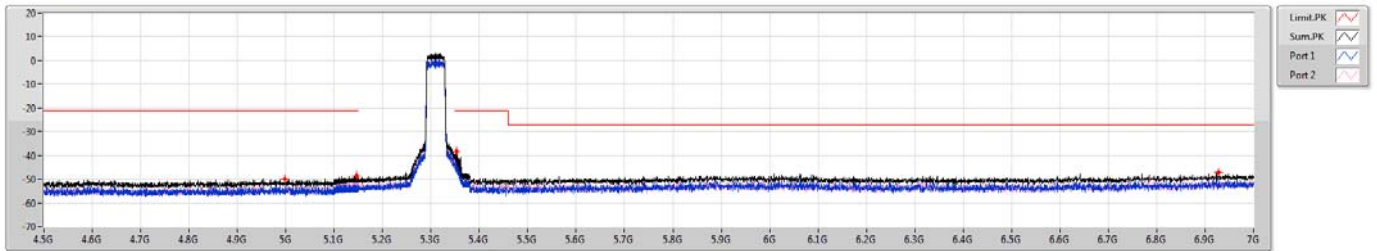


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.1G	1M	AV	5.0973G	-54.42	-58.61	-56.51
5.1G	5.15G	1M	AV	5.1475G	-53.94	-57.84	-56.21
5.35G	5.38G	1M	AV	5.35036G	-52.19	-55.82	-54.66
5.38G	7G	1M	AV	5.42435G	-53.88	-57.73	-55.83

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

5310MHz

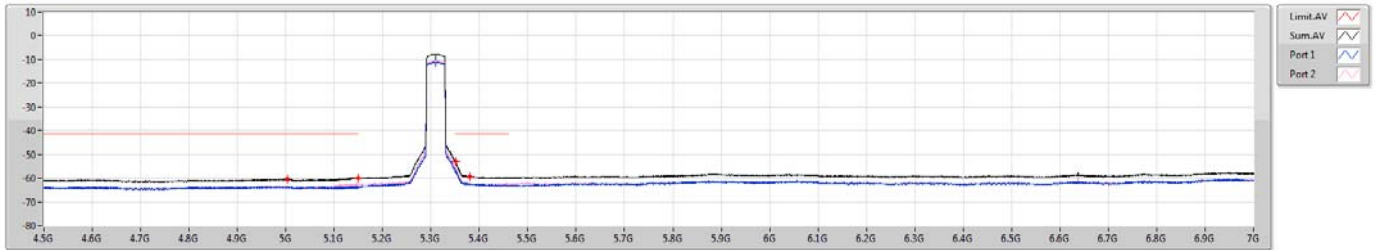


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Prm(dBm)	P1(dBm)	P2(dBm)
4.5G	5.1G	1M	PK	4.9983G	50.00	-52.87	-53.05
5.1G	5.15G	1M	PK	5.1463G	-48.48	-52.95	-50.40
5.35G	5.38G	1M	PK	5.3521G	-38.20	-43.33	-39.79
5.38G	7G	1M	PK	6.92791G	-47.23	-50.67	-49.89

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

5310MHz

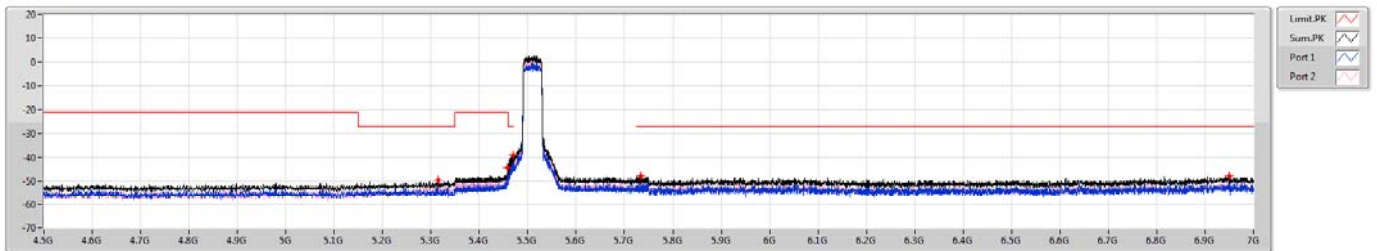


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Prm(dBm)	P1(dBm)	P2(dBm)
4.5G	5.1G	1M	AV	5.0037G	60.46	63.47	63.47
5.1G	5.15G	1M	AV	5.14905G	-59.09	-63.44	-62.42
5.35G	5.38G	1M	AV	5.35039G	-53.08	-56.86	-55.43
5.38G	7G	1M	AV	5.38041G	-59.23	-62.38	-62.14

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

5510MHz

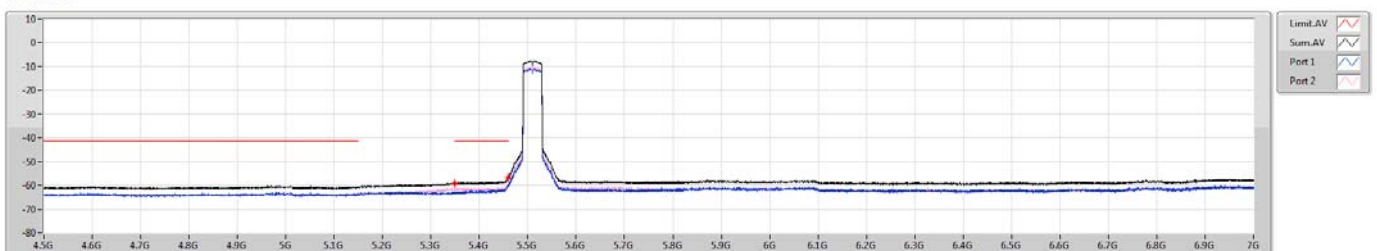


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.35G	1M	PK	5.4143G	-49.48	-52.28	-52.72
5.35G	5.46G	1M	PK	5.45758G	-44.29	-48.30	-46.89
5.46G	5.47G	1M	PK	5.46953G	-38.99	-42.08	-41.92
5.725G	5.75G	1M	PK	5.73448G	-47.99	-51.11	-50.90
5.75G	7G	1M	PK	6.94938G	-47.87	-50.88	-50.96

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

5510MHz

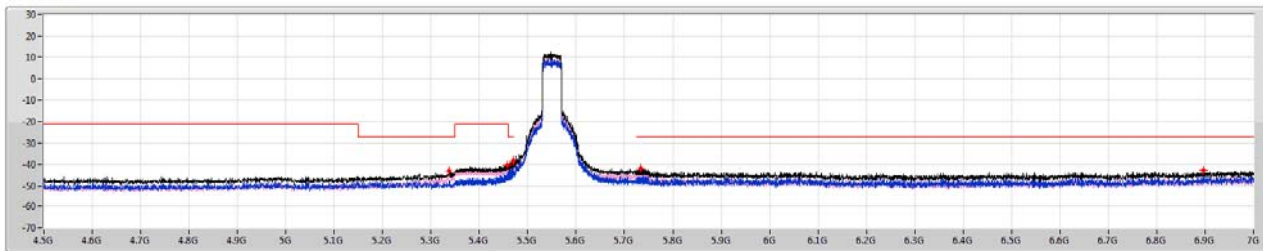


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.35G	1M	AV	5.35G	-59.37	-62.88	-61.94
5.35G	5.47G	1M	AV	5.45896G	-56.65	-60.21	-59.17

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

5550MHz

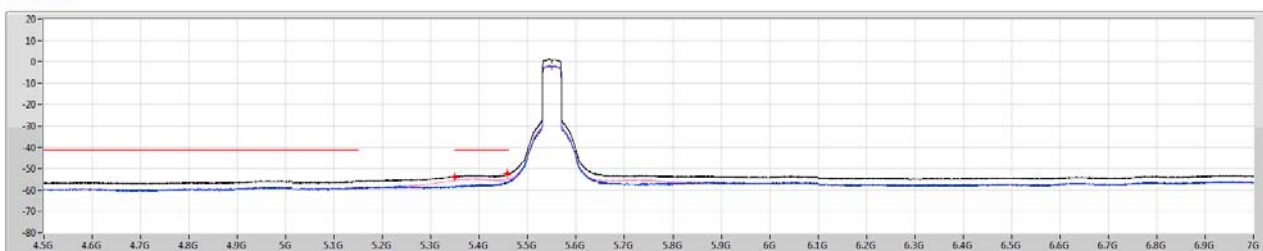


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.35G	1M	PK	5.37725G	-43.02	-47.88	-44.74
5.35G	5.46G	1M	PK	5.43568G	-40.18	-44.23	-42.35
5.46G	5.47G	1M	PK	5.46978G	-38.28	-41.37	-41.22
5.725G	5.75G	1M	PK	5.7343G	-42.02	-47.30	-43.52
5.75G	7G	1M	PK	6.89656G	-42.70	-46.18	-45.28

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

5550MHz

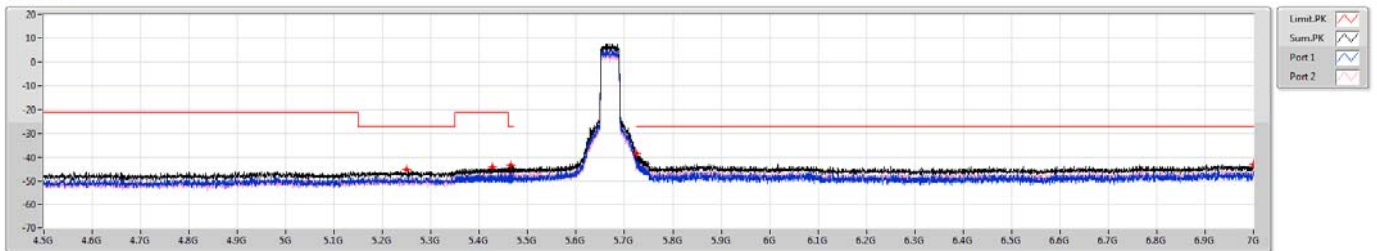


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.35G	1M	AV	5.35G	-53.73	-58.79	-55.36
5.35G	5.47G	1M	AV	5.45812G	-52.42	-56.51	-54.57

5.47-5.725GHz_802.11ax HEW40_Nss1,(MC50)_2TX

CSE Bandedge [PK]

5670MHz

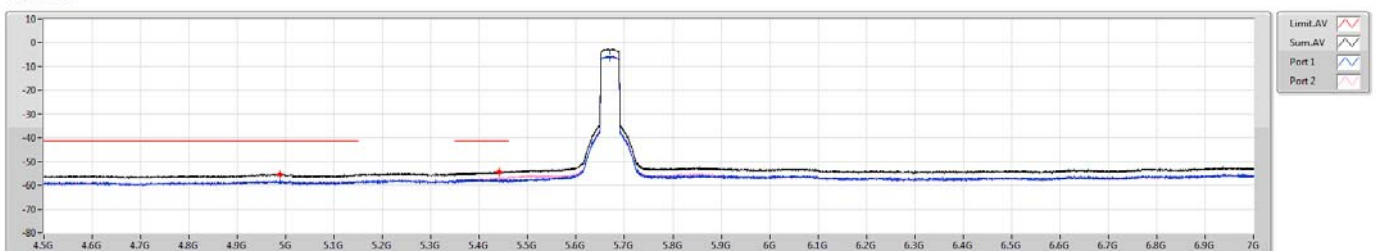


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.35G	1M	PK	5.21920G	-44.99	-47.80	-49.21
5.35G	5.46G	1M	PK	5.42612G	-44.14	-47.62	-46.73
5.46G	5.47G	1M	PK	5.46503G	-43.41	-48.20	-45.16
5.725G	5.75G	1M	PK	5.72515G	-38.24	-39.77	-43.51
5.75G	7G	1M	PK	6.99969G	-42.82	-45.91	-45.75

5.47-5.725GHz_802.11ax HEW40_Nss1,(MC50)_2TX

CSE Bandedge [AV]

5670MHz



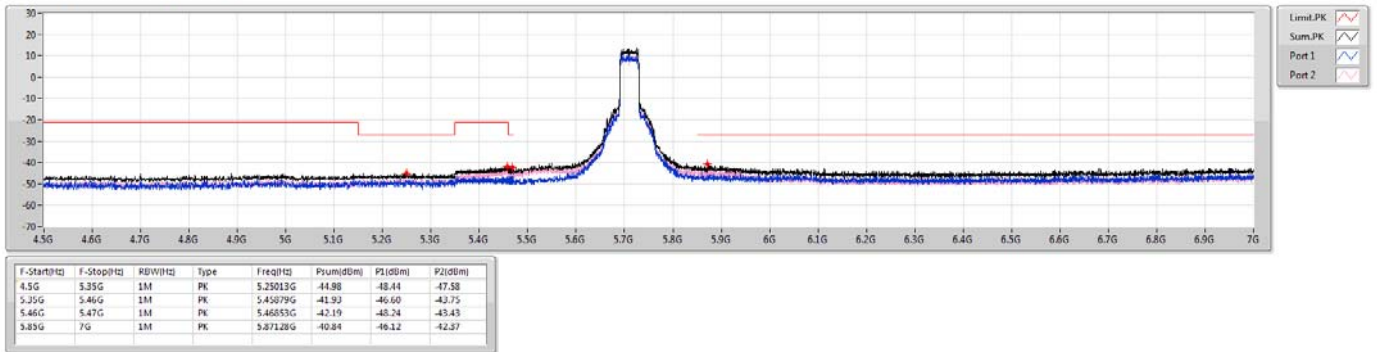
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.35G	1M	AV	4.98740G	-55.23	-57.97	-58.52
5.35G	5.47G	1M	AV	5.44036G	-54.25	-58.47	-56.32



5.47-5.725GHz_802.11ax_HEW40_Nss1,(MC50)_2TX

CSE Bandedge [PK]

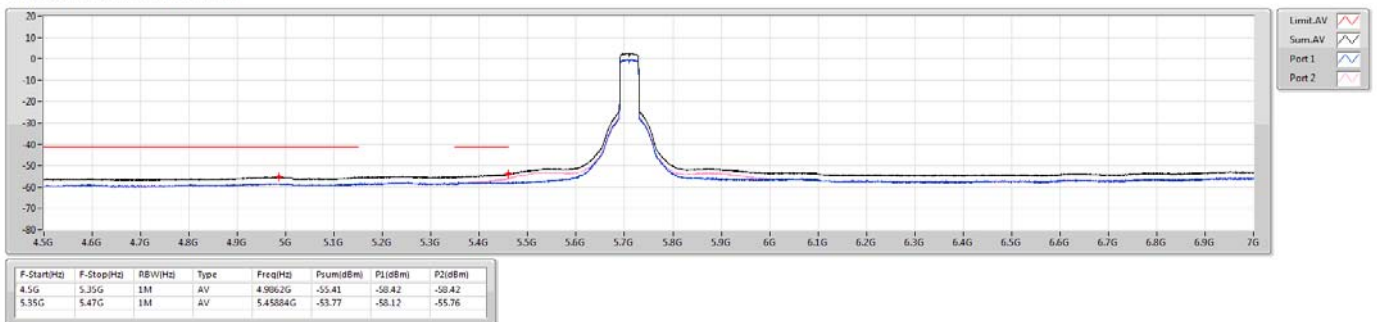
5710MHz Straddle 5.47-5.725GHz



5.47-5.725GHz_802.11ax_HEW40_Nss1,(MC50)_2TX

CSE Bandedge [AV]

5710MHz Straddle 5.47-5.725GHz

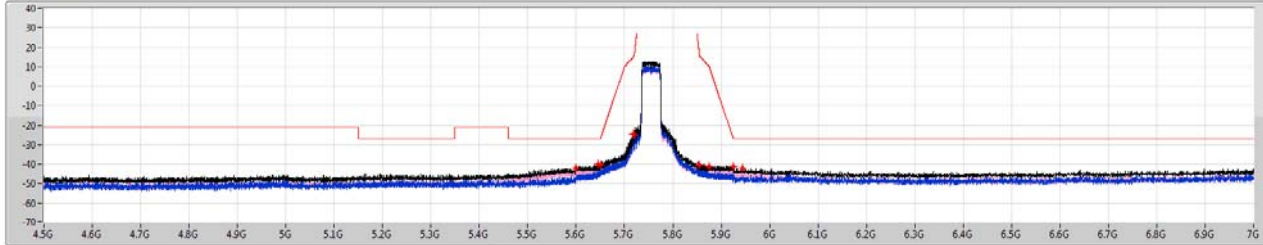




5.725-5.85GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

5755MHz

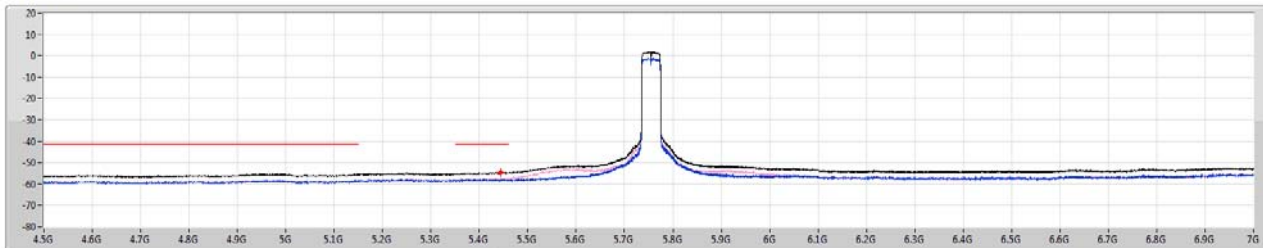


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.6G	1M	PK	5.6G	-47.27	-47.53	-43.81
5.6G	5.65G	1M	PK	5.64605G	-40.00	-42.37	-43.76
5.65G	5.7G	1M	PK	5.6905G	-48.17	-48.31	-45.05
5.7G	5.72G	1M	PK	5.71742G	-24.38	-25.99	-30.53
5.72G	5.725G	1M	PK	5.72003G	-34.71	-36.23	-30.02
5.85G	5.855G	1M	PK	5.85494G	-40.28	-41.98	-45.18
5.855G	5.875G	1M	PK	5.87474G	-41.27	-45.52	-43.32
5.875G	5.925G	1M	PK	5.9248G	-41.24	-44.58	-43.94
5.925G	7G	1M	PK	5.94354G	-41.99	-47.21	-43.54

5.725-5.85GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

5755MHz



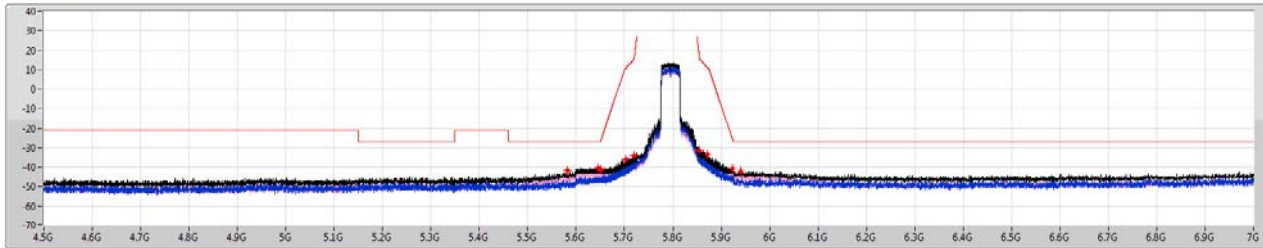
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.6G	1M	AV	5.4438G	-54.78	-57.96	-57.47



5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

5795MHz



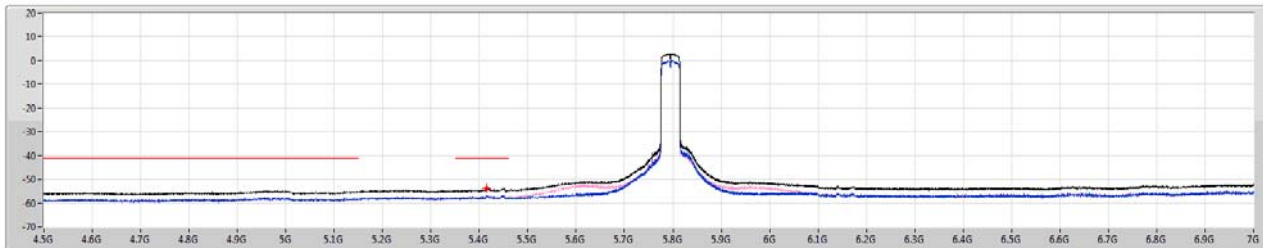
Limit.PK
Sum.PK
Port 1
Port 2

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.6G	1M	PK	5.58185G	-41.50	-47.78	-42.67
5.6G	5.65G	1M	PK	5.6454G	-40.29	-44.71	-42.23
5.65G	5.7G	1M	PK	5.65095G	-41.32	-47.18	-41.62
5.7G	5.72G	1M	PK	5.70266G	-35.93	-38.73	-39.16
5.72G	5.725G	1M	PK	5.72011G	-33.95	-36.17	-37.92
5.85G	5.855G	1M	PK	5.85472G	31.36	33.52	-35.43
5.855G	5.875G	1M	PK	5.87176G	-33.20	-36.30	-36.21
5.875G	5.925G	1M	PK	5.9239G	-40.78	-44.82	-42.96
5.925G	7G	1M	PK	5.94113G	-42.00	-47.97	-43.27

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

5795MHz



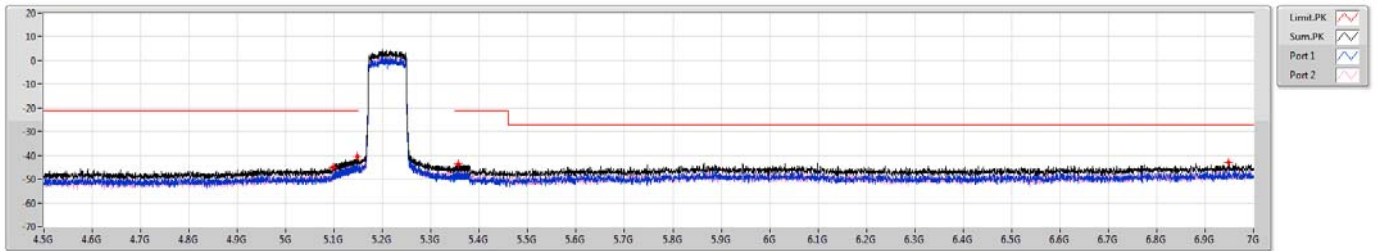
Limit.AV
Sum.AV
Port 1
Port 2

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.6G	1M	AV	5.41152G	-53.71	-56.72	-56.72

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

5210MHz

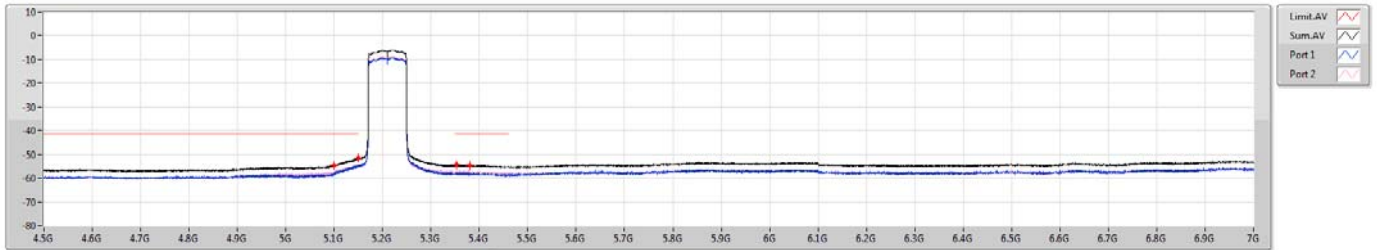


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.1G	1M	PK	5.0976G	-45.02	-47.78	-48.29
5.1G	5.15G	1M	PK	5.14705G	-40.57	-42.31	-45.39
5.35G	5.38G	1M	PK	5.35663G	-43.58	-46.36	-46.84
5.38G	7G	1M	PK	6.94816G	-42.97	-43.28	-46.82

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

5210MHz

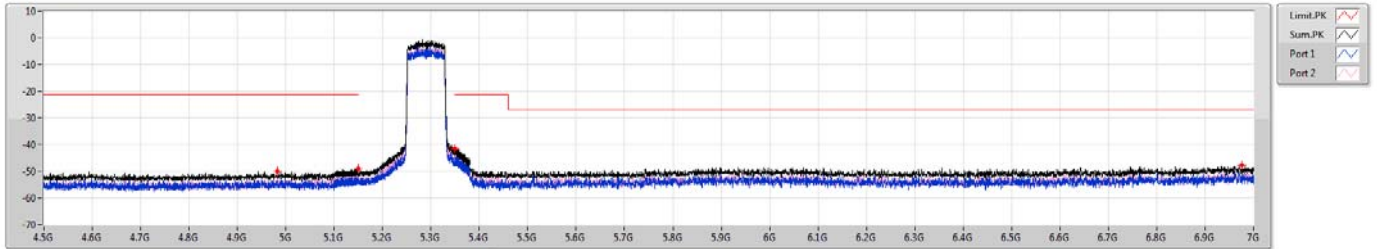


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.1G	1M	AV	5.1G	-54.68	-58.04	-57.36
5.1G	5.15G	1M	AV	5.14965G	-51.52	-54.70	-54.37
5.35G	5.38G	1M	AV	5.35327G	-54.29	-58.06	-56.65
5.38G	7G	1M	AV	5.38G	-54.33	-57.93	-57.19

5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

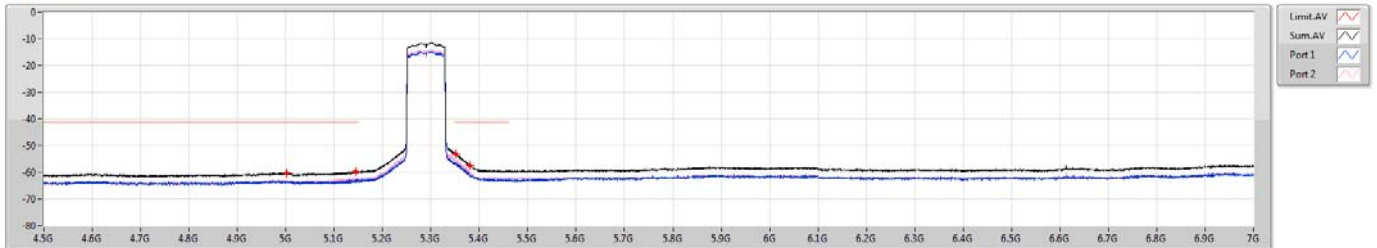
5290MHz



5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

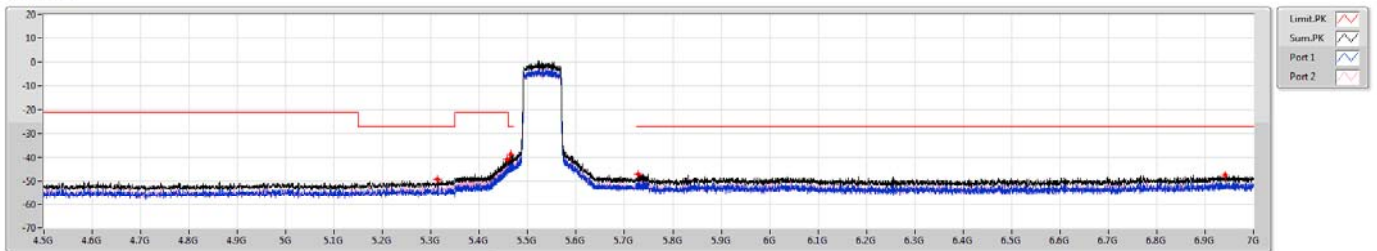
5290MHz



5.47-5.725GHz_802.11ax HEW80_Nss1,(MC50)_2TX

CSE Bandedge [PK]

5530MHz

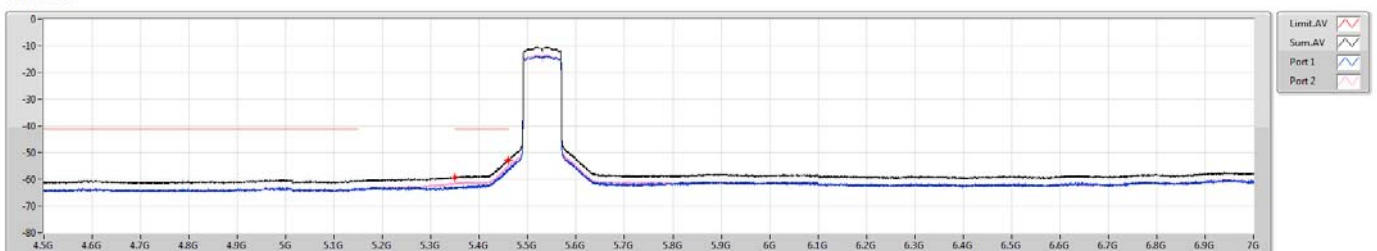


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.35G	1M	PK	5.31388G	-49.41	-52.57	-52.27
5.35G	5.46G	1M	PK	5.45756G	-40.85	-45.89	-47.48
5.46G	5.47G	1M	PK	5.4655G	-39.81	-41.11	-42.67
5.725G	5.75G	1M	PK	5.72055G	-47.12	-49.15	-51.41
5.75G	7G	1M	PK	6.94156G	-47.33	-51.46	-49.45

5.47-5.725GHz_802.11ax HEW80_Nss1,(MC50)_2TX

CSE Bandedge [AV]

5530MHz

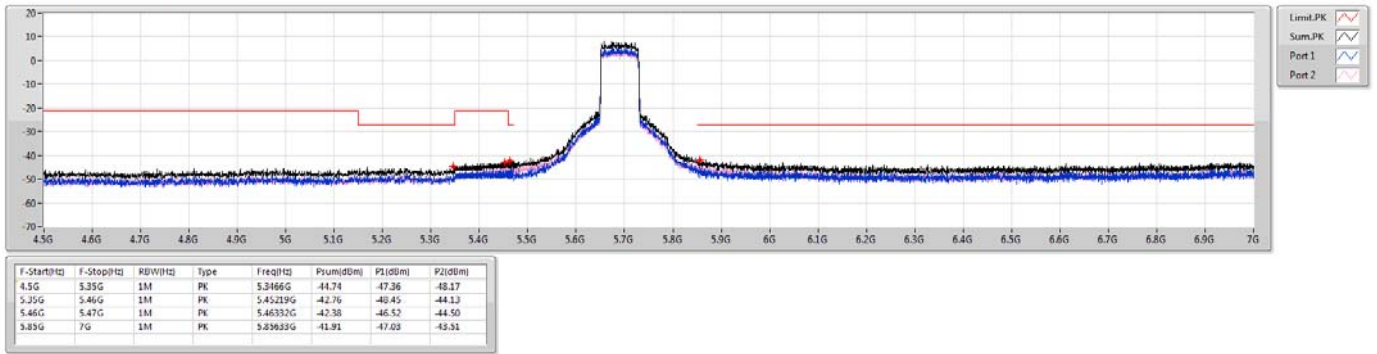


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.35G	1M	AV	5.35G	-59.48	-63.01	-62.02
5.35G	5.47G	1M	AV	5.4598G	-52.72	-56.62	-55.00

5.47-5.725GHz_802.11ax HEW80_Nss1,(MC50)_2TX

CSE Bandedge [PK]

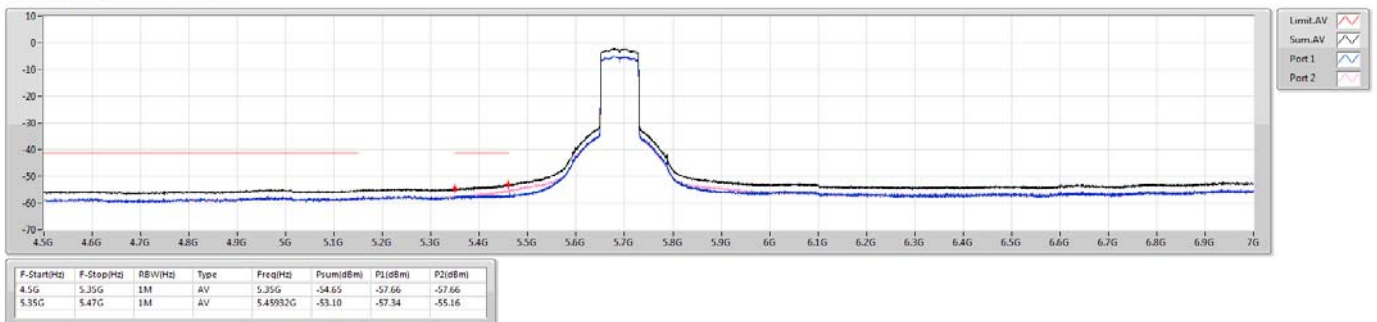
5690MHz Straddle 5.47-5.725GHz



5.47-5.725GHz_802.11ax HEW80_Nss1,(MC50)_2TX

CSE Bandedge [AV]

5690MHz Straddle 5.47-5.725GHz

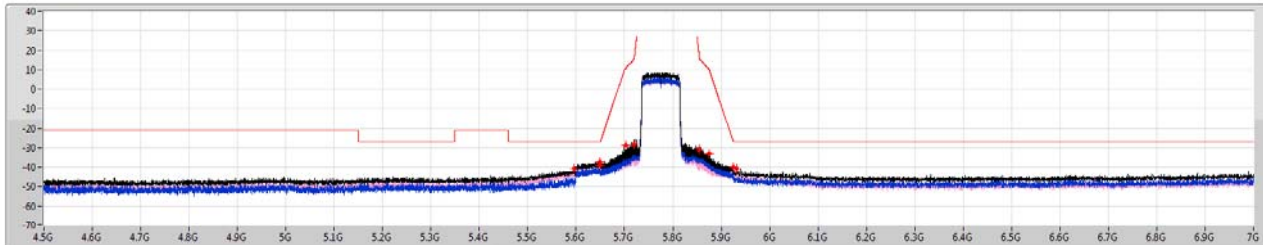




5.725-5.85GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

5775MHz



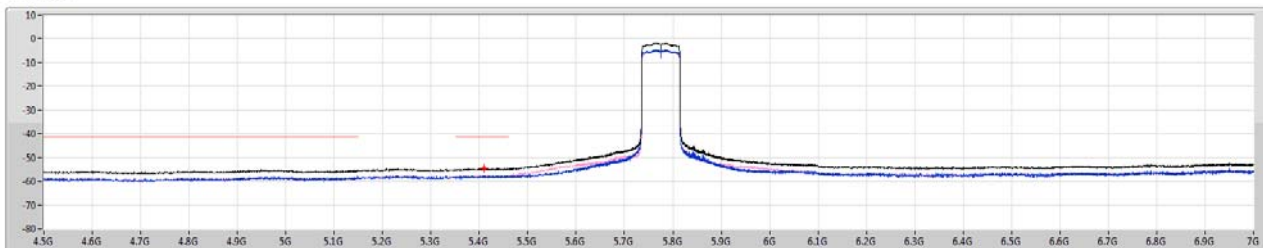
Limit.PK
Sum.PK
Port 1
Port 2

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.6G	1M	PK	5.59505G	-40.70	-47.59	-41.70
5.6G	5.65G	1M	PK	5.64975G	-37.30	-41.15	-39.74
5.65G	5.7G	1M	PK	5.65G	-38.92	-41.15	-42.58
5.7G	5.72G	1M	PK	5.70272G	-28.91	-30.12	-35.06
5.72G	5.725G	1M	PK	5.72004G	-28.45	-31.47	-31.46
5.85G	5.855G	1M	PK	5.85481G	-30.92	-33.08	-35.00
5.855G	5.875G	1M	PK	5.87434G	-33.19	-34.01	-40.06
5.875G	5.925G	1M	PK	5.92475G	-39.75	-42.36	-43.21
5.925G	7G	1M	PK	5.93110G	-40.99	-46.71	-42.35

5.725-5.85GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

5775MHz



Limit.AV
Sum.AV
Port 1
Port 2

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.6G	1M	AV	5.41025G	-54.61	-57.62	-57.62

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	18G	40G	AV	7.41	-59.11	-56.80	-54.79	-47.38	-41.20	-6.18
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	Pass	18G	40G	AV	7.41	-58.11	-57.84	-54.96	-47.55	-41.20	-6.35
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	Pass	18G	40G	AV	7.41	-57.98	-57.72	-54.84	-47.43	-41.20	-6.23
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	Pass	18G	40G	AV	7.41	-57.94	-58.07	-54.99	-47.58	-41.20	-6.38
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	18G	40G	AV	7.41	-58.24	-57.72	-54.96	-47.55	-41.20	-6.35
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	Pass	18G	40G	AV	7.41	-58.32	-57.53	-54.90	-47.49	-41.20	-6.29
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	Pass	18G	40G	AV	7.41	-57.88	-58.42	-55.13	-47.72	-41.20	-6.52
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	Pass	18G	40G	AV	7.41	-57.78	-58.04	-54.90	-47.49	-41.20	-6.29
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	18G	40G	AV	7.41	-58.00	-57.51	-54.74	-47.33	-41.20	-6.13
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	Pass	18G	40G	AV	7.41	-58.16	-57.52	-54.82	-47.41	-41.20	-6.21
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	Pass	18G	40G	AV	7.41	-56.82	-58.75	-54.67	-47.26	-41.20	-6.06
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	Pass	18G	40G	AV	7.41	-57.05	-58.31	-54.62	-47.21	-41.20	-6.01
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	18G	40G	AV	7.41	-58.14	-57.15	-54.61	-47.20	-41.20	-6.00
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	Pass	18G	40G	AV	7.41	-58.13	-57.35	-54.71	-47.30	-41.20	-6.10
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	Pass	18G	40G	AV	7.41	-58.22	-57.45	-54.81	-47.40	-41.20	-6.20
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	Pass	18G	40G	AV	7.41	-58.03	-57.90	-54.95	-47.54	-41.20	-6.34

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	7G	18G	AV	10.60009G	7.41	-72.48	-72.88	-69.67	-62.26	-41.20	-21.06
5180MHz	Pass	7G	18G	AV	15.54184G	7.41	-67.39	-68.20	-64.77	-57.36	-41.20	-16.16
5180MHz	Pass	7G	18G	AV	15.76253G	7.41	-64.99	-66.28	-62.58	-55.17	-41.20	-13.97
5180MHz	Pass	18G	40G	AV	39.86181G	7.41	-59.11	-56.80	-54.79	-47.38	-41.20	-6.18
5180MHz	Pass	7G	18G	PK	10.35741G	7.41	-65.20	-61.83	-60.19	-52.78	-27.00	-25.78
5180MHz	Pass	7G	18G	PK	15.55525G	7.41	-60.35	-58.96	-56.59	-49.18	-21.20	-27.98
5180MHz	Pass	7G	18G	PK	16.40466G	7.41	-56.75	-55.96	-53.33	-45.92	-27.00	-18.92
5180MHz	Pass	18G	40G	PK	37.56144G	7.41	-49.07	-50.20	-46.59	-39.18	-27.00	-12.18
5200MHz	Pass	7G	18G	AV	10.60009G	7.41	-73.29	-72.68	-69.96	-62.55	-41.20	-21.35
5200MHz	Pass	7G	18G	AV	15.613G	7.41	-66.98	-67.57	-64.25	-56.84	-41.20	-15.64
5200MHz	Pass	7G	18G	AV	15.74225G	7.41	-65.96	-65.07	-62.48	-55.07	-41.20	-13.87
5200MHz	Pass	18G	40G	AV	39.59369G	7.41	-57.31	-59.13	-55.12	-47.71	-41.20	-6.51
5200MHz	Pass	7G	18G	PK	10.39178G	7.41	-63.77	-63.91	-60.83	-53.42	-27.00	-26.42
5200MHz	Pass	7G	18G	PK	15.59891G	7.41	-61.54	-57.51	-56.06	-48.65	-21.20	-27.45
5200MHz	Pass	7G	18G	PK	16.40706G	7.41	-55.81	-56.60	-53.18	-45.77	-27.00	-18.77
5200MHz	Pass	18G	40G	PK	37.58275G	7.41	-48.21	-50.40	-46.16	-38.75	-27.00	-11.75
5240MHz	Pass	7G	18G	AV	10.60009G	7.41	-73.29	-72.88	-70.07	-62.66	-41.20	-21.46
5240MHz	Pass	7G	18G	AV	15.73572G	7.41	-65.35	-65.87	-62.59	-55.18	-41.20	-13.98
5240MHz	Pass	7G	18G	AV	15.75016G	7.41	-66.18	-64.55	-62.28	-54.87	-41.20	-13.67
5240MHz	Pass	18G	40G	AV	39.83569G	7.41	-57.75	-58.68	-55.18	-47.77	-41.20	-6.57
5240MHz	Pass	7G	18G	PK	10.46913G	7.41	-65.91	-61.42	-60.10	-52.69	-27.00	-25.69
5240MHz	Pass	7G	18G	PK	15.72747G	7.41	-57.79	-57.44	-54.60	-47.19	-21.20	-25.99
5240MHz	Pass	7G	18G	PK	16.41875G	7.41	-54.70	-58.09	-53.06	-45.65	-27.00	-18.65
5240MHz	Pass	18G	40G	PK	37.74431G	7.41	-49.78	-48.44	-46.05	-38.64	-27.00	-11.64
5260MHz	Pass	7G	18G	AV	10.60009G	7.41	-72.29	-72.68	-69.47	-62.06	-41.20	-20.86
5260MHz	Pass	7G	18G	AV	15.75394G	7.41	-65.51	-65.51	-62.50	-55.09	-41.20	-13.89
5260MHz	Pass	7G	18G	AV	15.76459G	7.41	-65.74	-66.14	-62.93	-55.52	-41.20	-14.32
5260MHz	Pass	18G	40G	AV	39.59438G	7.41	-57.18	-59.12	-55.03	-47.62	-41.20	-6.42
5260MHz	Pass	7G	18G	PK	7.88997G	7.41	-53.04	-59.09	-52.08	-44.67	-27.00	-17.67
5260MHz	Pass	7G	18G	PK	10.52103G	7.41	-59.26	-63.43	-57.85	-50.44	-27.00	-23.44
5260MHz	Pass	7G	18G	PK	15.77009G	7.41	-58.92	-57.69	-55.25	-47.84	-21.20	-26.64
5260MHz	Pass	18G	40G	PK	37.57175G	7.41	-49.19	-48.99	-46.08	-38.67	-27.00	-11.67
5300MHz	Pass	7G	18G	AV	10.60181G	7.41	-68.78	-70.44	-66.52	-59.11	-41.20	-17.91
5300MHz	Pass	7G	18G	AV	15.74534G	7.41	-65.54	-65.41	-62.46	-55.05	-41.20	-13.85
5300MHz	Pass	7G	18G	AV	15.90175G	7.41	-66.72	-66.88	-63.79	-56.38	-41.20	-15.18
5300MHz	Pass	18G	40G	AV	39.88794G	7.41	-58.87	-57.57	-55.16	-47.75	-41.20	-6.55
5300MHz	Pass	7G	18G	PK	10.59838G	7.41	-60.10	-63.44	-58.45	-51.04	-27.00	-24.04
5300MHz	Pass	7G	18G	PK	15.89075G	7.41	-59.29	-58.78	-56.02	-48.61	-21.20	-27.41
5300MHz	Pass	7G	18G	PK	16.41669G	7.41	-55.65	-56.72	-53.14	-45.73	-27.00	-18.73
5300MHz	Pass	18G	40G	PK	37.52913G	7.41	-50.04	-48.79	-46.36	-38.95	-27.00	-11.95
5320MHz	Pass	7G	18G	AV	10.62381G	7.41	-71.75	-71.23	-68.47	-61.06	-41.20	-19.86

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5320MHz	Pass	7G	18G	AV	15.74672G	7.41	-65.79	-65.02	-62.38	-54.97	-41.20	-13.77
5320MHz	Pass	7G	18G	AV	15.97256G	7.41	-66.23	-67.00	-63.59	-56.18	-41.20	-14.98
5320MHz	Pass	18G	40G	AV	39.81781G	7.41	-58.24	-57.72	-54.96	-47.55	-41.20	-6.35
5320MHz	Pass	7G	18G	PK	10.65681G	7.41	-63.96	-63.68	-60.81	-53.40	-21.20	-32.20
5320MHz	Pass	7G	18G	PK	15.965G	7.41	-58.54	-59.24	-55.87	-48.46	-21.20	-27.26
5320MHz	Pass	7G	18G	PK	16.42872G	7.41	-56.63	-57.14	-53.87	-46.46	-27.00	-19.46
5320MHz	Pass	18G	40G	PK	37.71338G	7.41	-51.40	-47.89	-46.29	-38.88	-27.00	-11.88
5500MHz	Pass	7G	18G	AV	8.24747G	7.41	-64.44	-64.07	-61.24	-53.83	-41.20	-12.63
5500MHz	Pass	7G	18G	AV	10.99678G	7.41	-71.21	-70.69	-67.93	-60.52	-41.20	-19.32
5500MHz	Pass	7G	18G	AV	16.19978G	7.41	-67.87	-67.51	-64.68	-57.27	-41.20	-16.07
5500MHz	Pass	18G	40G	AV	39.97456G	7.41	-58.00	-57.51	-54.74	-47.33	-41.20	-6.13
5500MHz	Pass	7G	18G	PK	11.00675G	7.41	-62.81	-62.34	-59.56	-52.15	-21.20	-30.95
5500MHz	Pass	7G	18G	PK	16.42459G	7.41	-55.31	-57.26	-53.17	-45.76	-27.00	-18.76
5500MHz	Pass	7G	18G	PK	16.49231G	7.41	-57.47	-59.82	-55.48	-48.07	-27.00	-21.07
5500MHz	Pass	18G	40G	PK	37.55938G	7.41	-49.62	-50.11	-46.85	-39.44	-27.00	-12.44
5580MHz	Pass	7G	18G	AV	7.43794G	7.41	-69.60	-61.32	-60.72	-53.31	-41.20	-12.11
5580MHz	Pass	7G	18G	AV	11.16522G	7.41	-71.00	-70.00	-67.46	-60.05	-41.20	-18.85
5580MHz	Pass	7G	18G	AV	16.19978G	7.41	-67.51	-67.17	-64.33	-56.92	-41.20	-15.72
5580MHz	Pass	18G	40G	AV	39.84463G	7.41	-57.69	-58.08	-54.87	-47.46	-41.20	-6.26
5580MHz	Pass	7G	18G	PK	11.16281G	7.41	-61.27	-63.34	-59.17	-51.76	-21.20	-30.56
5580MHz	Pass	7G	18G	PK	16.41738G	7.41	-54.69	-58.55	-53.19	-45.78	-27.00	-18.78
5580MHz	Pass	7G	18G	PK	16.74119G	7.41	-56.16	-57.44	-53.74	-46.33	-27.00	-19.33
5580MHz	Pass	18G	40G	PK	38.14238G	7.41	-49.05	-49.34	-46.18	-38.77	-27.00	-11.77
5700MHz	Pass	7G	18G	AV	11.4G	7.41	-70.54	-71.30	-67.89	-60.48	-41.20	-19.28
5700MHz	Pass	7G	18G	AV	15.73366G	7.41	-65.23	-65.35	-62.28	-54.87	-41.20	-13.67
5700MHz	Pass	7G	18G	AV	17.70025G	7.41	-68.02	-68.02	-65.01	-57.60	-41.20	-16.40
5700MHz	Pass	18G	40G	AV	39.85563G	7.41	-57.44	-58.22	-54.80	-47.39	-41.20	-6.19
5700MHz	Pass	7G	18G	PK	11.40516G	7.41	-63.99	-62.89	-60.39	-52.98	-21.20	-31.78
5700MHz	Pass	7G	18G	PK	16.43113G	7.41	-55.82	-57.13	-53.42	-46.01	-27.00	-19.01
5700MHz	Pass	7G	18G	PK	17.08494G	7.41	-59.80	-58.66	-56.18	-48.77	-27.00	-21.77
5700MHz	Pass	18G	40G	PK	38.14169G	7.41	-51.05	-48.49	-46.57	-39.16	-27.00	-12.16
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	AV	7.62872G	7.41	-68.95	-60.54	-59.95	-52.54	-41.20	-11.34
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	AV	11.43609G	7.41	-69.51	-71.04	-67.20	-59.79	-41.20	-18.59
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	AV	17.70025G	7.41	-67.00	-67.87	-64.40	-56.99	-41.20	-15.79
5720MHz Straddle 5.47-5.725GHz	Pass	18G	40G	AV	39.85356G	7.41	-57.43	-58.34	-54.85	-47.44	-41.20	-6.24
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	PK	11.43781G	7.41	-61.73	-62.66	-59.16	-51.75	-21.20	-30.55
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	PK	16.42116G	7.41	-54.87	-58.79	-53.39	-45.98	-27.00	-18.98
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	PK	17.15884G	7.41	-57.47	-59.12	-55.21	-47.80	-27.00	-20.80
5720MHz Straddle 5.47-5.725GHz	Pass	18G	40G	PK	37.50988G	7.41	-50.46	-48.86	-46.58	-39.17	-27.00	-12.17
5745MHz	Pass	7G	18G	AV	7.66206G	7.41	-67.86	-60.24	-59.55	-52.14	-41.20	-10.94
5745MHz	Pass	7G	18G	AV	11.49006G	7.41	-71.46	-71.65	-68.54	-61.13	-41.20	-19.93
5745MHz	Pass	7G	18G	AV	17.70025G	7.41	-67.42	-67.28	-64.34	-56.93	-41.20	-15.73

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5745MHz	Pass	18G	40G	AV	39.88106G	7.41	-58.14	-57.15	-54.61	-47.20	-41.20	-6.00
5745MHz	Pass	7G	18G	PK	11.49625G	7.41	-64.18	-62.49	-60.24	-52.83	-21.20	-31.63
5745MHz	Pass	7G	18G	PK	17.23756G	7.41	-53.05	-58.85	-52.04	-44.63	-27.00	-17.63
5745MHz	Pass	18G	40G	PK	37.55456G	7.41	-52.63	-47.18	-46.09	-38.68	-27.00	-11.68
5785MHz	Pass	7G	18G	AV	7.71122G	7.41	-67.82	-58.34	-57.88	-50.47	-41.20	-9.27
5785MHz	Pass	7G	18G	AV	11.57359G	7.41	-71.42	-71.59	-68.49	-61.08	-41.20	-19.88
5785MHz	Pass	7G	18G	AV	17.70025G	7.41	-67.42	-67.28	-64.34	-56.93	-41.20	-15.73
5785MHz	Pass	18G	40G	AV	39.88175G	7.41	-57.89	-57.89	-54.88	-47.47	-41.20	-6.27
5785MHz	Pass	7G	18G	PK	11.56913G	7.41	-62.35	-65.33	-60.58	-53.17	-21.20	-31.97
5785MHz	Pass	7G	18G	PK	16.39503G	7.41	-57.41	-55.28	-53.21	-45.80	-27.00	-18.80
5785MHz	Pass	7G	18G	PK	17.35719G	7.41	-55.70	-60.07	-54.35	-46.94	-27.00	-19.94
5785MHz	Pass	18G	40G	PK	37.79175G	7.41	-48.64	-50.19	-46.34	-38.93	-27.00	-11.93
5825MHz	Pass	7G	18G	AV	11.65128G	7.41	-70.15	-71.56	-67.79	-60.38	-41.20	-19.18
5825MHz	Pass	7G	18G	AV	15.74019G	7.41	-64.95	-65.57	-62.24	-54.83	-41.20	-13.63
5825MHz	Pass	7G	18G	AV	17.70025G	7.41	-68.34	-68.50	-65.41	-58.00	-41.20	-16.80
5825MHz	Pass	18G	40G	AV	39.87144G	7.41	-57.94	-58.07	-54.99	-47.58	-41.20	-6.38
5825MHz	Pass	7G	18G	PK	7.76622G	7.41	-62.15	-51.91	-51.52	-44.11	-27.00	-17.11
5825MHz	Pass	7G	18G	PK	11.65403G	7.41	-63.37	-62.14	-59.70	-52.29	-21.20	-31.09
5825MHz	Pass	7G	18G	PK	17.46959G	7.41	-57.27	-57.98	-54.60	-47.19	-27.00	-20.19
5825MHz	Pass	18G	40G	PK	37.58275G	7.41	-48.60	-50.83	-46.56	-39.15	-27.00	-12.15
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	7G	18G	AV	10.60009G	7.41	-72.66	-73.07	-69.85	-62.44	-41.20	-21.24
5180MHz	Pass	7G	18G	AV	15.54941G	7.41	-67.64	-67.80	-64.71	-57.30	-41.20	-16.10
5180MHz	Pass	7G	18G	AV	15.73606G	7.41	-65.13	-65.51	-62.31	-54.90	-41.20	-13.70
5180MHz	Pass	18G	40G	AV	39.8515G	7.41	-58.11	-57.84	-54.96	-47.55	-41.20	-6.35
5180MHz	Pass	7G	18G	PK	10.35672G	7.41	-62.10	-64.53	-60.14	-52.73	-27.00	-25.73
5180MHz	Pass	7G	18G	PK	15.53875G	7.41	-57.21	-60.59	-55.57	-48.16	-21.20	-26.96
5180MHz	Pass	7G	18G	PK	16.40603G	7.41	-55.60	-56.33	-52.94	-45.53	-27.00	-18.53
5180MHz	Pass	18G	40G	PK	37.61713G	7.41	-51.62	-47.70	-46.22	-38.81	-27.00	-11.81
5200MHz	Pass	7G	18G	AV	10.60009G	7.41	-72.68	-72.68	-69.67	-62.26	-41.20	-21.06
5200MHz	Pass	7G	18G	AV	15.61197G	7.41	-66.98	-68.04	-64.47	-57.06	-41.20	-15.86
5200MHz	Pass	7G	18G	AV	15.75875G	7.41	-65.62	-65.75	-62.67	-55.26	-41.20	-14.06
5200MHz	Pass	18G	40G	AV	39.85425G	7.41	-58.35	-57.70	-55.00	-47.59	-41.20	-6.39
5200MHz	Pass	7G	18G	PK	10.40622G	7.41	-64.17	-62.22	-60.08	-52.67	-27.00	-25.67
5200MHz	Pass	7G	18G	PK	15.60475G	7.41	-59.18	-61.10	-57.02	-49.61	-21.20	-28.41
5200MHz	Pass	7G	18G	PK	16.41291G	7.41	-57.55	-56.63	-54.06	-46.65	-27.00	-19.65
5200MHz	Pass	18G	40G	PK	37.71544G	7.41	-50.30	-48.72	-46.43	-39.02	-27.00	-12.02
5240MHz	Pass	7G	18G	AV	10.60009G	7.41	-73.51	-72.29	-69.85	-62.44	-41.20	-21.24
5240MHz	Pass	7G	18G	AV	15.73709G	7.41	-66.40	-64.98	-62.62	-55.21	-41.20	-14.01
5240MHz	Pass	7G	18G	AV	15.74294G	7.41	-65.69	-64.95	-62.29	-54.88	-41.20	-13.68
5240MHz	Pass	18G	40G	AV	39.90169G	7.41	-57.79	-58.43	-55.09	-47.68	-41.20	-6.48
5240MHz	Pass	7G	18G	PK	10.47359G	7.41	-62.44	-64.25	-60.24	-52.83	-27.00	-25.83

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5240MHz	Pass	7G	18G	PK	15.73675G	7.41	-56.05	-58.54	-54.11	-46.70	-21.20	-25.50
5240MHz	Pass	7G	18G	PK	16.40672G	7.41	-56.45	-55.30	-52.83	-45.42	-27.00	-18.42
5240MHz	Pass	18G	40G	PK	37.70925G	7.41	-48.61	-51.18	-46.70	-39.29	-27.00	-12.29
5260MHz	Pass	7G	18G	AV	10.60009G	7.41	-72.68	-72.68	-69.67	-62.26	-41.20	-21.06
5260MHz	Pass	7G	18G	AV	15.74397G	7.41	-64.81	-66.21	-62.44	-55.03	-41.20	-13.83
5260MHz	Pass	7G	18G	AV	15.76356G	7.41	-65.48	-66.42	-62.91	-55.50	-41.20	-14.30
5260MHz	Pass	18G	40G	AV	39.84256G	7.41	-57.71	-58.23	-54.95	-47.54	-41.20	-6.34
5260MHz	Pass	7G	18G	PK	10.5145G	7.41	-66.16	-60.62	-59.55	-52.14	-27.00	-25.14
5260MHz	Pass	7G	18G	PK	15.78109G	7.41	-56.69	-60.69	-55.23	-47.82	-21.20	-26.62
5260MHz	Pass	7G	18G	PK	16.75047G	7.41	-56.35	-55.11	-52.68	-45.27	-27.00	-18.27
5260MHz	Pass	18G	40G	PK	37.6845G	7.41	-49.35	-47.93	-45.57	-38.16	-27.00	-11.16
5300MHz	Pass	7G	18G	AV	10.60147G	7.41	-70.44	-70.44	-67.43	-60.02	-41.20	-18.82
5300MHz	Pass	7G	18G	AV	15.7395G	7.41	-65.09	-65.46	-62.26	-54.85	-41.20	-13.65
5300MHz	Pass	7G	18G	AV	15.90794G	7.41	-67.20	-66.57	-63.86	-56.45	-41.20	-15.25
5300MHz	Pass	18G	40G	AV	39.89G	7.41	-58.35	-57.59	-54.94	-47.53	-41.20	-6.33
5300MHz	Pass	7G	18G	PK	10.59975G	7.41	-60.24	-62.48	-58.21	-50.80	-27.00	-23.80
5300MHz	Pass	7G	18G	PK	15.89934G	7.41	-57.59	-60.59	-55.83	-48.42	-21.20	-27.22
5300MHz	Pass	7G	18G	PK	16.39881G	7.41	-56.16	-55.80	-52.97	-45.56	-27.00	-18.56
5300MHz	Pass	18G	40G	PK	37.47756G	7.41	-47.68	-50.87	-45.98	-38.57	-27.00	-11.57
5320MHz	Pass	7G	18G	AV	10.63997G	7.41	-71.09	-70.93	-68.00	-60.59	-41.20	-19.39
5320MHz	Pass	7G	18G	AV	15.73813G	7.41	-66.04	-64.76	-62.34	-54.93	-41.20	-13.73
5320MHz	Pass	7G	18G	AV	15.96019G	7.41	-65.51	-67.01	-63.19	-55.78	-41.20	-14.58
5320MHz	Pass	18G	40G	AV	39.83569G	7.41	-58.32	-57.53	-54.90	-47.49	-41.20	-6.29
5320MHz	Pass	7G	18G	PK	10.65372G	7.41	-63.09	-63.28	-60.17	-52.76	-21.20	-31.56
5320MHz	Pass	7G	18G	PK	15.94644G	7.41	-57.73	-59.47	-55.50	-48.09	-21.20	-26.89
5320MHz	Pass	7G	18G	PK	16.44384G	7.41	-56.50	-56.02	-53.24	-45.83	-27.00	-18.83
5320MHz	Pass	18G	40G	PK	38.16369G	7.41	-48.86	-50.80	-46.71	-39.30	-27.00	-12.30
5500MHz	Pass	7G	18G	AV	10.99231G	7.41	-70.78	-71.32	-68.03	-60.62	-41.20	-19.42
5500MHz	Pass	7G	18G	AV	15.73916G	7.41	-65.11	-65.89	-62.47	-55.06	-41.20	-13.86
5500MHz	Pass	7G	18G	AV	16.19978G	7.41	-67.78	-67.97	-64.86	-57.45	-41.20	-16.25
5500MHz	Pass	18G	40G	AV	39.61156G	7.41	-58.16	-57.52	-54.82	-47.41	-41.20	-6.21
5500MHz	Pass	7G	18G	PK	10.99094G	7.41	-64.54	-61.88	-60.00	-52.59	-21.20	-31.39
5500MHz	Pass	7G	18G	PK	16.40638G	7.41	-55.77	-54.83	-52.26	-44.85	-27.00	-17.85
5500MHz	Pass	7G	18G	PK	16.49678G	7.41	-58.94	-58.62	-55.77	-48.36	-27.00	-21.36
5500MHz	Pass	18G	40G	PK	38.11556G	7.41	-51.24	-47.76	-46.15	-38.74	-27.00	-11.74
5580MHz	Pass	7G	18G	AV	7.43897G	7.41	-71.06	-62.66	-62.07	-54.66	-41.20	-13.46
5580MHz	Pass	7G	18G	AV	11.16006G	7.41	-70.10	-71.13	-67.57	-60.16	-41.20	-18.96
5580MHz	Pass	7G	18G	AV	16.19978G	7.41	-67.78	-66.76	-64.23	-56.82	-41.20	-15.62
5580MHz	Pass	18G	40G	AV	39.86663G	7.41	-57.69	-58.36	-55.00	-47.59	-41.20	-6.39
5580MHz	Pass	7G	18G	PK	11.16006G	7.41	-62.05	-63.43	-59.68	-52.27	-21.20	-31.07
5580MHz	Pass	7G	18G	PK	16.40431G	7.41	-58.45	-54.80	-53.24	-45.83	-27.00	-18.83
5580MHz	Pass	7G	18G	PK	16.75391G	7.41	-58.11	-56.04	-53.94	-46.53	-27.00	-19.53

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5580MHz	Pass	18G	40G	PK	38.141G	7.41	-48.19	-50.38	-46.14	-38.73	-27.00	-11.73
5700MHz	Pass	7G	18G	AV	11.39003G	7.41	-71.09	-71.09	-68.08	-60.67	-41.20	-19.47
5700MHz	Pass	7G	18G	AV	15.74259G	7.41	-64.85	-65.74	-62.26	-54.85	-41.20	-13.65
5700MHz	Pass	7G	18G	AV	17.70025G	7.41	-67.78	-67.19	-64.46	-57.05	-41.20	-15.85
5700MHz	Pass	18G	40G	AV	39.88725G	7.41	-57.85	-58.10	-54.96	-47.55	-41.20	-6.35
5700MHz	Pass	7G	18G	PK	11.4G	7.41	-61.26	-64.57	-59.60	-52.19	-21.20	-30.99
5700MHz	Pass	7G	18G	PK	16.39331G	7.41	-56.81	-56.08	-53.42	-46.01	-27.00	-19.01
5700MHz	Pass	7G	18G	PK	17.10831G	7.41	-58.21	-60.29	-56.12	-48.71	-27.00	-21.71
5700MHz	Pass	18G	40G	PK	38.108G	7.41	-48.89	-50.38	-46.56	-39.15	-27.00	-12.15
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	AV	7.62803G	7.41	-70.67	-62.30	-61.71	-54.30	-41.20	-13.10
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	AV	11.43953G	7.41	-70.98	-70.27	-67.60	-60.19	-41.20	-18.99
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	AV	17.70025G	7.41	-67.63	-67.94	-64.77	-57.36	-41.20	-16.16
5720MHz Straddle 5.47-5.725GHz	Pass	18G	40G	AV	39.86044G	7.41	-58.17	-57.65	-54.89	-47.48	-41.20	-6.28
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	PK	11.42956G	7.41	-62.37	-63.55	-59.91	-52.50	-21.20	-31.30
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	PK	16.41359G	7.41	-55.89	-55.98	-52.92	-45.51	-27.00	-18.51
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	PK	17.15541G	7.41	-57.92	-58.18	-55.04	-47.63	-27.00	-20.63
5720MHz Straddle 5.47-5.725GHz	Pass	18G	40G	PK	38.20425G	7.41	-48.68	-49.50	-46.06	-38.65	-27.00	-11.65
5745MHz	Pass	7G	18G	AV	7.65966G	7.41	-69.42	-62.03	-61.30	-53.89	-41.20	-12.69
5745MHz	Pass	7G	18G	AV	11.48663G	7.41	-70.82	-71.56	-68.16	-60.75	-41.20	-19.55
5745MHz	Pass	7G	18G	AV	17.70025G	7.41	-67.63	-67.48	-64.54	-57.13	-41.20	-15.93
5745MHz	Pass	18G	40G	AV	39.86594G	7.41	-57.44	-58.49	-54.92	-47.51	-41.20	-6.31
5745MHz	Pass	7G	18G	PK	11.49591G	7.41	-62.02	-63.03	-59.49	-52.08	-21.20	-30.88
5745MHz	Pass	7G	18G	PK	17.22759G	7.41	-53.96	-57.26	-52.29	-44.88	-27.00	-17.88
5745MHz	Pass	18G	40G	PK	37.54081G	7.41	-50.30	-49.59	-46.92	-39.51	-27.00	-12.51
5785MHz	Pass	7G	18G	AV	7.70778G	7.41	-68.83	-60.39	-59.81	-52.40	-41.20	-11.20
5785MHz	Pass	7G	18G	AV	11.56672G	7.41	-70.97	-71.99	-68.44	-61.03	-41.20	-19.83
5785MHz	Pass	7G	18G	AV	17.70025G	7.41	-67.48	-67.63	-64.54	-57.13	-41.20	-15.93
5785MHz	Pass	18G	40G	AV	39.84463G	7.41	-58.13	-57.35	-54.71	-47.30	-41.20	-6.10
5785MHz	Pass	7G	18G	PK	11.56878G	7.41	-65.49	-61.53	-60.06	-52.65	-21.20	-31.45
5785MHz	Pass	7G	18G	PK	16.42219G	7.41	-56.62	-56.57	-53.58	-46.17	-27.00	-19.17
5785MHz	Pass	7G	18G	PK	17.35134G	7.41	-56.28	-58.47	-54.23	-46.82	-27.00	-19.82
5785MHz	Pass	18G	40G	PK	37.50094G	7.41	-49.72	-49.52	-46.61	-39.20	-27.00	-12.20
5825MHz	Pass	7G	18G	AV	11.65369G	7.41	-70.79	-71.98	-68.33	-60.92	-41.20	-19.72
5825MHz	Pass	7G	18G	AV	15.75669G	7.41	-65.53	-65.27	-62.39	-54.98	-41.20	-13.78
5825MHz	Pass	7G	18G	AV	17.70025G	7.41	-67.19	-68.09	-64.61	-57.20	-41.20	-16.00
5825MHz	Pass	18G	40G	AV	39.85494G	7.41	-57.35	-58.27	-54.78	-47.37	-41.20	-6.17
5825MHz	Pass	7G	18G	PK	7.76656G	7.41	-60.47	-52.79	-52.11	-44.70	-27.00	-17.70
5825MHz	Pass	7G	18G	PK	11.64819G	7.41	-62.77	-64.18	-60.41	-53.00	-21.20	-31.80
5825MHz	Pass	7G	18G	PK	17.47956G	7.41	-58.69	-57.86	-55.24	-47.83	-27.00	-20.83
5825MHz	Pass	18G	40G	PK	37.8275G	7.41	-49.45	-48.52	-45.95	-38.54	-27.00	-11.54
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	7G	18G	AV	10.60009G	7.41	-72.07	-72.86	-69.44	-62.03	-41.20	-20.83

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5190MHz	Pass	7G	18G	AV	15.60578G	7.41	-67.69	-67.08	-64.36	-56.95	-41.20	-15.75
5190MHz	Pass	7G	18G	AV	15.74569G	7.41	-65.19	-65.07	-62.12	-54.71	-41.20	-13.51
5190MHz	Pass	18G	40G	AV	39.84669G	7.41	-57.98	-57.72	-54.84	-47.43	-41.20	-6.23
5190MHz	Pass	7G	18G	PK	10.3935G	7.41	-63.75	-64.17	-60.94	-53.53	-27.00	-26.53
5190MHz	Pass	7G	18G	PK	15.60234G	7.41	-59.81	-58.73	-56.23	-48.82	-21.20	-27.62
5190MHz	Pass	7G	18G	PK	16.39125G	7.41	-55.63	-56.71	-53.13	-45.72	-27.00	-18.72
5190MHz	Pass	18G	40G	PK	38.1245G	7.41	-50.61	-48.83	-46.62	-39.21	-27.00	-12.21
5230MHz	Pass	7G	18G	AV	10.60009G	7.41	-72.88	-72.68	-69.77	-62.36	-41.20	-21.16
5230MHz	Pass	7G	18G	AV	15.67625G	7.41	-66.41	-65.63	-62.99	-55.58	-41.20	-14.38
5230MHz	Pass	7G	18G	AV	15.76013G	7.41	-65.36	-65.36	-62.35	-54.94	-41.20	-13.74
5230MHz	Pass	18G	40G	AV	39.84531G	7.41	-57.57	-58.35	-54.93	-47.52	-41.20	-6.32
5230MHz	Pass	7G	18G	PK	10.45091G	7.41	-64.87	-61.92	-60.14	-52.73	-27.00	-25.73
5230MHz	Pass	7G	18G	PK	15.70134G	7.41	-57.13	-59.17	-55.02	-47.61	-21.20	-26.41
5230MHz	Pass	7G	18G	PK	16.41841G	7.41	-56.28	-56.76	-53.50	-46.09	-27.00	-19.09
5230MHz	Pass	18G	40G	PK	38.14925G	7.41	-48.38	-50.63	-46.35	-38.94	-27.00	-11.94
5270MHz	Pass	7G	18G	AV	10.60009G	7.41	-73.07	-72.66	-69.85	-62.44	-41.20	-21.24
5270MHz	Pass	7G	18G	AV	15.74328G	7.41	-65.34	-65.60	-62.46	-55.05	-41.20	-13.85
5270MHz	Pass	7G	18G	AV	15.77525G	7.41	-66.76	-66.17	-63.44	-56.03	-41.20	-14.83
5270MHz	Pass	18G	40G	AV	39.60813G	7.41	-57.88	-58.42	-55.13	-47.72	-41.20	-6.52
5270MHz	Pass	7G	18G	PK	10.54131G	7.41	-63.32	-64.25	-60.75	-53.34	-27.00	-26.34
5270MHz	Pass	7G	18G	PK	15.83231G	7.41	-60.51	-57.77	-55.92	-48.51	-21.20	-27.31
5270MHz	Pass	7G	18G	PK	16.39916G	7.41	-56.65	-56.12	-53.37	-45.96	-27.00	-18.96
5270MHz	Pass	18G	40G	PK	37.75738G	7.41	-49.35	-50.31	-46.79	-39.38	-27.00	-12.38
5310MHz	Pass	7G	18G	AV	10.65475G	7.41	-71.96	-71.10	-68.50	-61.09	-41.20	-19.89
5310MHz	Pass	7G	18G	AV	15.74156G	7.41	-66.02	-65.23	-62.60	-55.19	-41.20	-13.99
5310MHz	Pass	7G	18G	AV	15.94609G	7.41	-66.48	-66.17	-63.31	-55.90	-41.20	-14.70
5310MHz	Pass	18G	40G	AV	39.62669G	7.41	-58.08	-58.34	-55.20	-47.79	-41.20	-6.59
5310MHz	Pass	7G	18G	PK	10.59631G	7.41	-63.57	-65.11	-61.26	-53.85	-27.00	-26.85
5310MHz	Pass	7G	18G	PK	15.91997G	7.41	-56.78	-61.15	-55.43	-48.02	-21.20	-26.82
5310MHz	Pass	7G	18G	PK	16.40844G	7.41	-56.82	-56.09	-53.43	-46.02	-27.00	-19.02
5310MHz	Pass	18G	40G	PK	37.52775G	7.41	-50.55	-48.96	-46.67	-39.26	-27.00	-12.26
5510MHz	Pass	7G	18G	AV	10.98613G	7.41	-71.33	-71.71	-68.51	-61.10	-41.20	-19.90
5510MHz	Pass	7G	18G	AV	15.74397G	7.41	-65.72	-65.59	-62.64	-55.23	-41.20	-14.03
5510MHz	Pass	7G	18G	AV	16.19978G	7.41	-67.43	-69.15	-65.20	-57.79	-41.20	-16.59
5510MHz	Pass	18G	40G	AV	39.82056G	7.41	-57.26	-58.99	-55.03	-47.62	-41.20	-6.42
5510MHz	Pass	7G	18G	PK	10.99438G	7.41	-63.59	-63.15	-60.35	-52.94	-21.20	-31.74
5510MHz	Pass	7G	18G	PK	16.42803G	7.41	-54.68	-56.02	-52.29	-44.88	-27.00	-17.88
5510MHz	Pass	7G	18G	PK	16.51328G	7.41	-60.56	-57.79	-55.95	-48.54	-27.00	-21.54
5510MHz	Pass	18G	40G	PK	37.67488G	7.41	-50.32	-49.23	-46.73	-39.32	-27.00	-12.32
5550MHz	Pass	7G	18G	AV	11.10438G	7.41	-71.51	-71.69	-68.59	-61.18	-41.20	-19.98
5550MHz	Pass	7G	18G	AV	15.73297G	7.41	-65.62	-65.25	-62.42	-55.01	-41.20	-13.81
5550MHz	Pass	7G	18G	AV	16.19978G	7.41	-67.15	-67.83	-64.47	-57.06	-41.20	-15.86

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5550MHz	Pass	18G	40G	AV	39.84875G	7.41	-57.80	-58.33	-55.05	-47.64	-41.20	-6.44
5550MHz	Pass	7G	18G	PK	11.10644G	7.41	-61.94	-63.23	-59.53	-52.12	-21.20	-30.92
5550MHz	Pass	7G	18G	PK	16.42906G	7.41	-57.12	-55.31	-53.11	-45.70	-27.00	-18.70
5550MHz	Pass	7G	18G	PK	16.64838G	7.41	-57.50	-57.01	-54.24	-46.83	-27.00	-19.83
5550MHz	Pass	18G	40G	PK	37.71131G	7.41	-51.99	-47.59	-46.24	-38.83	-27.00	-11.83
5670MHz	Pass	7G	18G	AV	11.35978G	7.41	-71.93	-70.95	-68.40	-60.99	-41.20	-19.79
5670MHz	Pass	7G	18G	AV	15.74672G	7.41	-64.94	-66.26	-62.54	-55.13	-41.20	-13.93
5670MHz	Pass	7G	18G	AV	17.70025G	7.41	-67.19	-68.09	-64.61	-57.20	-41.20	-16.00
5670MHz	Pass	18G	40G	AV	39.912G	7.41	-57.87	-57.87	-54.86	-47.45	-41.20	-6.25
5670MHz	Pass	7G	18G	PK	11.33916G	7.41	-63.71	-64.98	-61.29	-53.88	-21.20	-32.68
5670MHz	Pass	7G	18G	PK	16.42391G	7.41	-56.62	-57.18	-53.88	-46.47	-27.00	-19.47
5670MHz	Pass	7G	18G	PK	16.99041G	7.41	-58.72	-60.88	-56.66	-49.25	-27.00	-22.25
5670MHz	Pass	18G	40G	PK	37.558G	7.41	-51.72	-48.92	-47.09	-39.68	-27.00	-12.68
5710MHz Straddle 5.47-5.725GHz	Pass	7G	18G	AV	11.39725G	7.41	-71.44	-70.66	-68.02	-60.61	-41.20	-19.41
5710MHz Straddle 5.47-5.725GHz	Pass	7G	18G	AV	15.745G	7.41	-65.32	-65.07	-62.18	-54.77	-41.20	-13.57
5710MHz Straddle 5.47-5.725GHz	Pass	7G	18G	AV	17.70025G	7.41	-67.48	-66.91	-64.18	-56.77	-41.20	-15.57
5710MHz Straddle 5.47-5.725GHz	Pass	18G	40G	AV	39.99794G	7.41	-56.82	-58.75	-54.67	-47.26	-41.20	-6.06
5710MHz Straddle 5.47-5.725GHz	Pass	7G	18G	PK	11.41478G	7.41	-61.52	-64.25	-59.66	-52.25	-21.20	-31.05
5710MHz Straddle 5.47-5.725GHz	Pass	7G	18G	PK	16.33178G	7.41	-56.09	-56.81	-53.42	-46.01	-27.00	-19.01
5710MHz Straddle 5.47-5.725GHz	Pass	7G	18G	PK	17.12206G	7.41	-59.60	-57.01	-55.10	-47.69	-27.00	-20.69
5710MHz Straddle 5.47-5.725GHz	Pass	18G	40G	PK	37.66525G	7.41	-47.56	-52.24	-46.29	-38.88	-27.00	-11.88
5755MHz	Pass	7G	18G	AV	11.48594G	7.41	-71.75	-71.37	-68.55	-61.14	-41.20	-19.94
5755MHz	Pass	7G	18G	AV	15.74569G	7.41	-65.32	-65.32	-62.31	-54.90	-41.20	-13.70
5755MHz	Pass	7G	18G	AV	17.70025G	7.41	-68.25	-67.78	-65.00	-57.59	-41.20	-16.39
5755MHz	Pass	18G	40G	AV	39.86731G	7.41	-58.22	-57.45	-54.81	-47.40	-41.20	-6.20
5755MHz	Pass	7G	18G	PK	11.48044G	7.41	-62.30	-63.66	-59.92	-52.51	-21.20	-31.31
5755MHz	Pass	7G	18G	PK	16.39675G	7.41	-54.71	-58.05	-53.06	-45.65	-27.00	-18.65
5755MHz	Pass	7G	18G	PK	17.25544G	7.41	-59.62	-58.31	-55.91	-48.50	-27.00	-21.50
5755MHz	Pass	18G	40G	PK	37.74913G	7.41	-50.70	-48.85	-46.67	-39.26	-27.00	-12.26
5795MHz	Pass	7G	18G	AV	11.58734G	7.41	-71.94	-71.94	-68.93	-61.52	-41.20	-20.32
5795MHz	Pass	7G	18G	AV	15.75566G	7.41	-65.28	-65.54	-62.40	-54.99	-41.20	-13.79
5795MHz	Pass	7G	18G	AV	17.70025G	7.41	-67.34	-68.09	-64.69	-57.28	-41.20	-16.08
5795MHz	Pass	18G	40G	AV	39.99381G	7.41	-57.84	-58.24	-55.03	-47.62	-41.20	-6.42
5795MHz	Pass	7G	18G	PK	11.61003G	7.41	-62.71	-63.88	-60.25	-52.84	-21.20	-31.64
5795MHz	Pass	7G	18G	PK	16.43181G	7.41	-54.75	-58.29	-53.16	-45.75	-27.00	-18.75
5795MHz	Pass	7G	18G	PK	17.42044G	7.41	-57.86	-59.41	-55.56	-48.15	-27.00	-21.15
5795MHz	Pass	18G	40G	PK	37.73744G	7.41	-48.03	-53.18	-46.87	-39.46	-27.00	-12.46
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	7G	18G	AV	10.60009G	7.41	-72.46	-72.26	-69.35	-61.94	-41.20	-20.74
5210MHz	Pass	7G	18G	AV	15.6735G	7.41	-66.61	-65.93	-63.25	-55.84	-41.20	-14.64
5210MHz	Pass	7G	18G	AV	15.74466G	7.41	-64.95	-65.72	-62.31	-54.90	-41.20	-13.70
5210MHz	Pass	18G	40G	AV	39.99656G	7.41	-57.94	-58.07	-54.99	-47.58	-41.20	-6.38

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5210MHz	Pass	7G	18G	PK	10.4265G	7.41	-63.18	-64.23	-60.66	-53.25	-27.00	-26.25
5210MHz	Pass	7G	18G	PK	15.69619G	7.41	-57.16	-59.97	-55.33	-47.92	-21.20	-26.72
5210MHz	Pass	7G	18G	PK	16.416G	7.41	-56.65	-54.97	-52.72	-45.31	-27.00	-18.31
5210MHz	Pass	18G	40G	PK	37.56763G	7.41	-49.34	-48.65	-45.97	-38.56	-27.00	-11.56
5290MHz	Pass	7G	18G	AV	10.61694G	7.41	-70.62	-72.37	-68.40	-60.99	-41.20	-19.79
5290MHz	Pass	7G	18G	AV	15.74569G	7.41	-64.02	-66.12	-61.93	-54.52	-41.20	-13.32
5290MHz	Pass	7G	18G	AV	15.94197G	7.41	-66.17	-66.32	-63.23	-55.82	-41.20	-14.62
5290MHz	Pass	18G	40G	AV	39.99931G	7.41	-57.78	-58.04	-54.90	-47.49	-41.20	-6.29
5290MHz	Pass	7G	18G	PK	10.575G	7.41	-66.17	-62.84	-61.18	-53.77	-27.00	-26.77
5290MHz	Pass	7G	18G	PK	15.89316G	7.41	-56.73	-60.51	-55.21	-47.80	-21.20	-26.60
5290MHz	Pass	7G	18G	PK	16.39538G	7.41	-55.63	-57.22	-53.34	-45.93	-27.00	-18.93
5290MHz	Pass	18G	40G	PK	37.50094G	7.41	-47.61	-51.07	-45.99	-38.58	-27.00	-11.58
5530MHz	Pass	7G	18G	AV	11.06003G	7.41	-71.98	-71.04	-68.47	-61.06	-41.20	-19.86
5530MHz	Pass	7G	18G	AV	15.73744G	7.41	-65.90	-65.25	-62.55	-55.14	-41.20	-13.94
5530MHz	Pass	7G	18G	AV	16.19978G	7.41	-66.60	-66.76	-63.67	-56.26	-41.20	-15.06
5530MHz	Pass	18G	40G	AV	39.61638G	7.41	-57.05	-58.31	-54.62	-47.21	-41.20	-6.01
5530MHz	Pass	7G	18G	PK	10.99266G	7.41	-62.66	-64.63	-60.52	-53.11	-21.20	-31.91
5530MHz	Pass	7G	18G	PK	16.40328G	7.41	-55.09	-59.22	-53.67	-46.26	-27.00	-19.26
5530MHz	Pass	7G	18G	PK	16.61916G	7.41	-57.59	-57.39	-54.48	-47.07	-27.00	-20.07
5530MHz	Pass	18G	40G	PK	37.66594G	7.41	-48.86	-49.69	-46.24	-38.83	-27.00	-11.83
5690MHz Straddle 5.47-5.725GHz	Pass	7G	18G	AV	11.38006G	7.41	-71.17	-70.08	-67.58	-60.17	-41.20	-18.97
5690MHz Straddle 5.47-5.725GHz	Pass	7G	18G	AV	15.73022G	7.41	-65.43	-65.18	-62.29	-54.88	-41.20	-13.68
5690MHz Straddle 5.47-5.725GHz	Pass	7G	18G	AV	17.70025G	7.41	-67.63	-68.09	-64.84	-57.43	-41.20	-16.23
5690MHz Straddle 5.47-5.725GHz	Pass	18G	40G	AV	39.868G	7.41	-58.65	-57.09	-54.79	-47.38	-41.20	-6.18
5690MHz Straddle 5.47-5.725GHz	Pass	7G	18G	PK	11.44572G	7.41	-61.78	-64.17	-59.80	-52.39	-21.20	-31.19
5690MHz Straddle 5.47-5.725GHz	Pass	7G	18G	PK	16.38747G	7.41	-55.33	-56.71	-52.96	-45.55	-27.00	-18.55
5690MHz Straddle 5.47-5.725GHz	Pass	7G	18G	PK	17.10213G	7.41	-58.97	-57.67	-55.26	-47.85	-27.00	-20.85
5690MHz Straddle 5.47-5.725GHz	Pass	18G	40G	PK	38.16713G	7.41	-50.49	-48.71	-46.50	-39.09	-27.00	-12.09
5775MHz	Pass	7G	18G	AV	11.49488G	7.41	-71.78	-71.39	-68.57	-61.16	-41.20	-19.96
5775MHz	Pass	7G	18G	AV	15.75188G	7.41	-65.16	-65.29	-62.21	-54.80	-41.20	-13.60
5775MHz	Pass	7G	18G	AV	17.70025G	7.41	-68.09	-68.75	-65.40	-57.99	-41.20	-16.79
5775MHz	Pass	18G	40G	AV	39.85906G	7.41	-58.03	-57.90	-54.95	-47.54	-41.20	-6.34
5775MHz	Pass	7G	18G	PK	11.58219G	7.41	-61.56	-66.76	-60.41	-53.00	-21.20	-31.80
5775MHz	Pass	7G	18G	PK	16.78209G	7.41	-55.53	-58.14	-53.63	-46.22	-27.00	-19.22
5775MHz	Pass	7G	18G	PK	17.32247G	7.41	-60.65	-57.45	-55.75	-48.34	-27.00	-21.34
5775MHz	Pass	18G	40G	PK	37.76219G	7.41	-48.78	-50.10	-46.38	-38.97	-27.00	-11.97

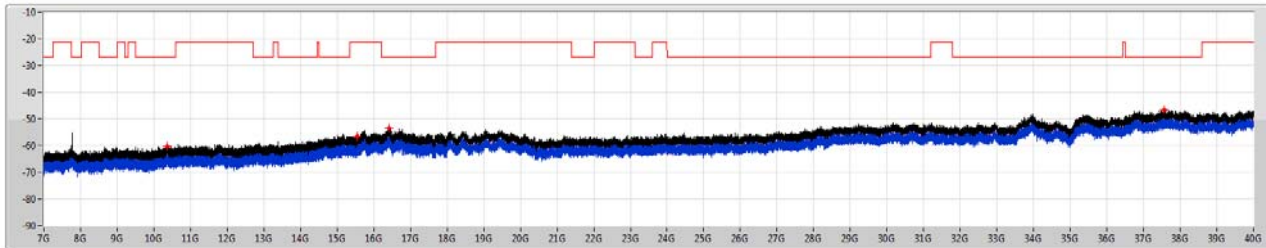
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

CSE [PK]

5180MHz

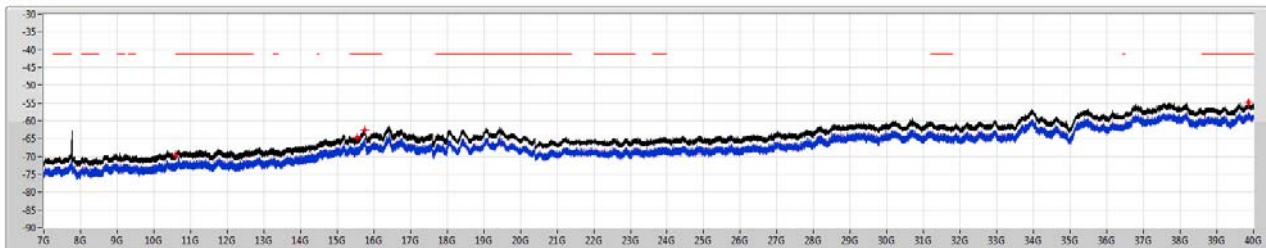


F-Start(fHz)	F-Stop(fHz)	RBW(fHz)	Type	Freq(fHz)	Psum(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	10.35741G	-60.19	-65.20	-61.83
7G	18G	1M	PK	15.55525G	-56.59	-60.35	-58.96
7G	18G	1M	PK	16.40466G	-53.33	-56.75	-55.96
18G	40G	1M	PK	37.96144G	-46.39	-49.07	-50.20

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

CSE [AV]

5180MHz



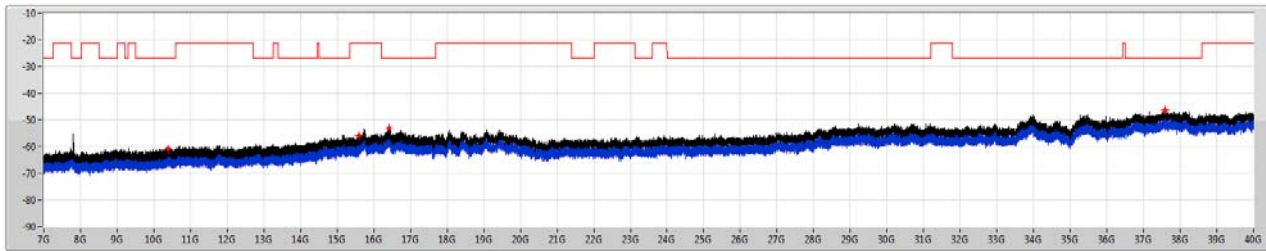
F-Start(fHz)	F-Stop(fHz)	RBW(fHz)	Type	Freq(fHz)	Psum(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	10.60009G	-69.67	-72.48	-72.88
7G	18G	1M	AV	15.54104G	-64.77	-67.39	-68.20
7G	18G	1M	AV	15.76253G	-63.58	-64.99	-66.26
18G	40G	1M	AV	39.86101G	-54.79	-59.11	-56.20



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

CSE [PK]

5200MHz

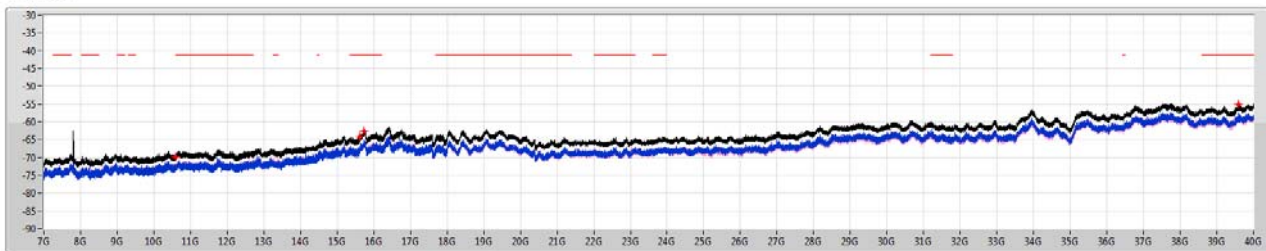


F-Start(Fz)	F-Stop(Fz)	RBW(Fz)	Type	Freq(Fz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	10.38178G	-60.83	-63.77	-63.91
7G	18G	1M	PK	15.59891G	-56.06	-61.54	-57.51
7G	18G	1M	PK	16.40706G	-53.18	-55.81	-56.60
18G	40G	1M	PK	37.58275G	-46.19	-48.21	-50.40

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

CSE [AV]

5200MHz

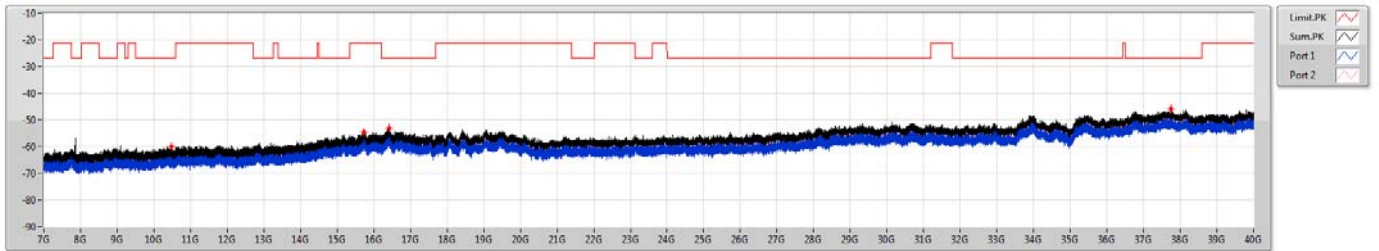


F-Start(Fz)	F-Stop(Fz)	RBW(Fz)	Type	Freq(Fz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	10.60009G	-69.96	-73.29	-72.68
7G	18G	1M	AV	15.613G	-64.25	-66.90	-67.57
7G	18G	1M	AV	15.74225G	-62.48	-65.96	-65.07
18G	40G	1M	AV	39.39889G	-55.12	-57.31	-59.13

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

CSE [PK]

5240MHz

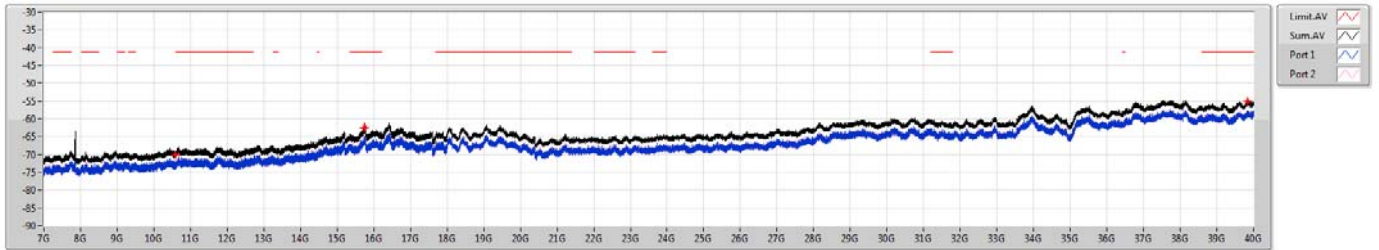


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Psum(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	10.46813G	-60.10	-65.81	-61.42
7G	18G	1M	PK	15.72747G	-54.60	-57.79	-57.44
7G	18G	1M	PK	16.41875G	-53.06	-54.70	-58.09
18G	40G	1M	PK	37.74431G	-46.03	-49.78	-48.44

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

CSE [AV]

5240MHz



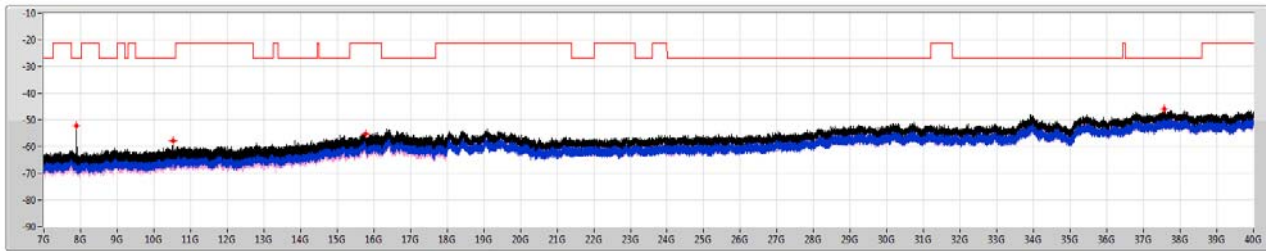
F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Psum(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	10.60009G	-70.07	-73.29	-72.88
7G	18G	1M	AV	15.73572G	-62.59	-65.35	-65.87
7G	18G	1M	AV	15.75016G	-62.28	-66.18	-64.55
18G	40G	1M	AV	39.83389G	-55.18	-57.73	-58.68



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

CSE [PK]

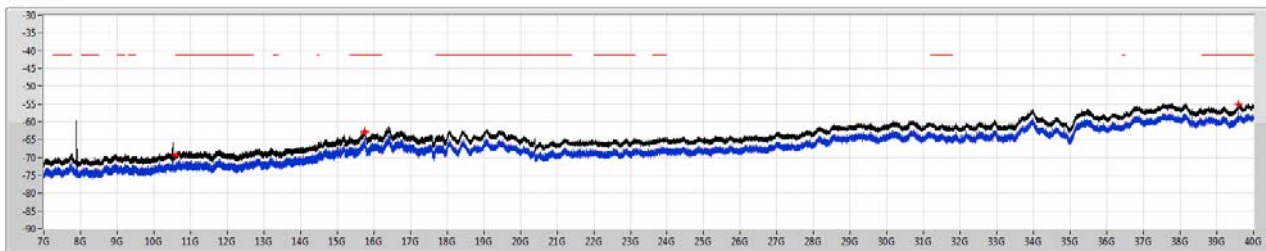
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5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

CSE [AV]

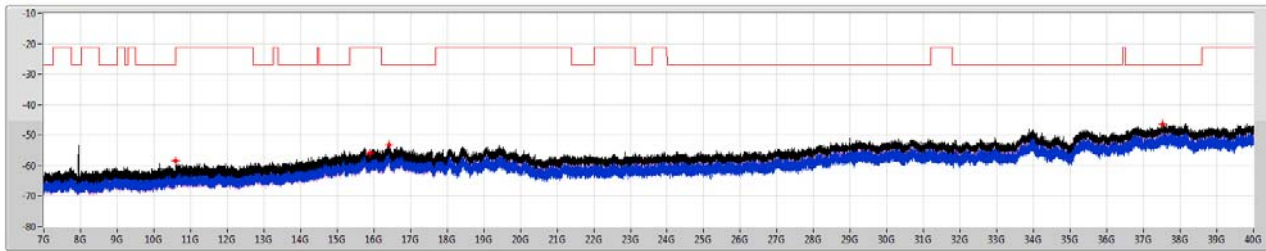
5260MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

CSE [PK]

5300MHz

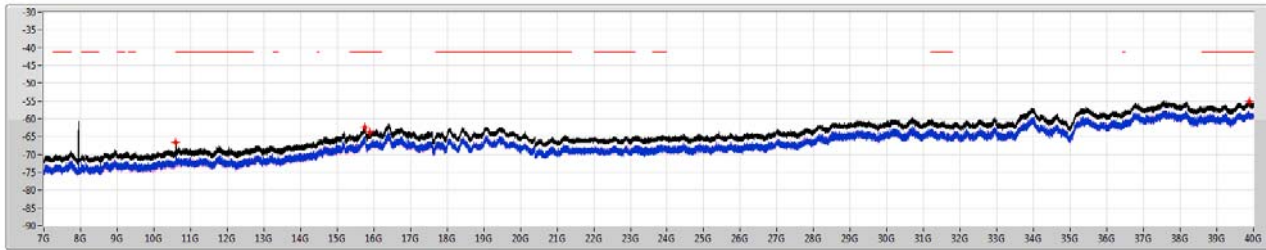


F-Start(Fz)	F-Stop(Fz)	RBW(Fz)	Type	Freq(Fz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	10.59838G	-58.45	-60.10	-63.44
7G	18G	1M	PK	15.89075G	-56.02	-59.29	-59.70
7G	18G	1M	PK	16.41669G	-53.14	-55.65	-56.72
18G	40G	1M	PK	37.52913G	-46.38	-50.04	-48.79

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

CSE [AV]

5300MHz

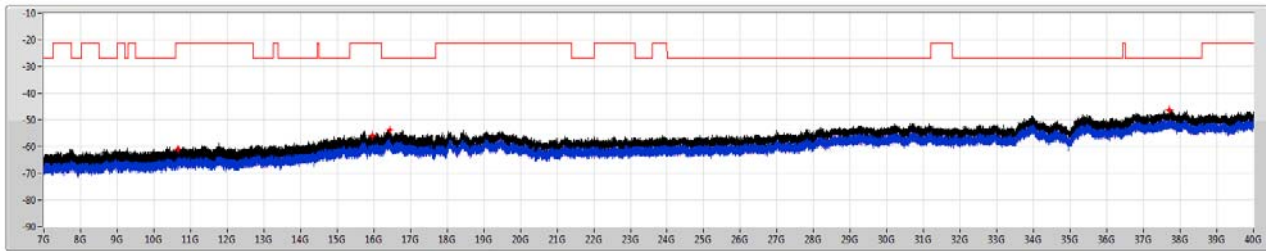


F-Start(Fz)	F-Stop(Fz)	RBW(Fz)	Type	Freq(Fz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	10.60181G	-66.52	-68.78	-70.44
7G	18G	1M	AV	15.74534G	-62.46	-65.54	-65.41
7G	18G	1M	AV	15.90175G	-63.79	-66.72	-66.68
18G	40G	1M	AV	39.88794G	-55.16	-58.87	-57.57

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

CSE [PK]

5320MHz

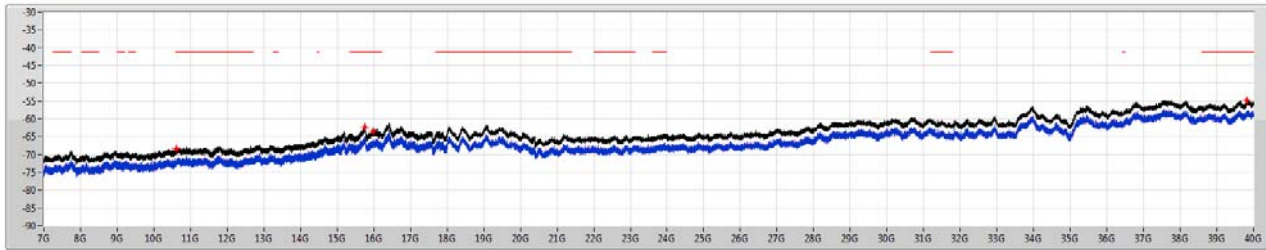


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Prm[dBm]	P1[dBm]	P2[dBm]
7G	18G	1M	PK	10.65831G	-60.81	-63.96	-63.68
7G	18G	1M	PK	15.965G	-55.87	-58.54	-59.24
7G	18G	1M	PK	16.42872G	-53.87	-56.63	-57.14
18G	40G	1M	PK	37.71338G	-46.29	-51.40	-47.89

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

CSE [AV]

5320MHz

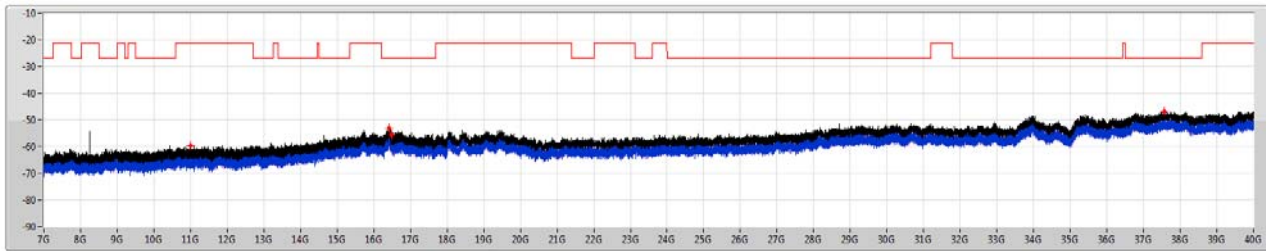


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Prm[dBm]	P1[dBm]	P2[dBm]
7G	18G	1M	AV	10.62381G	-68.47	-71.75	-71.23
7G	18G	1M	AV	15.74672G	-62.30	-65.79	-65.02
7G	18G	1M	AV	15.97256G	-63.59	-66.23	-67.00
18G	40G	1M	AV	39.81781G	-54.96	-58.24	-57.72

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

CSE [PK]

5500MHz

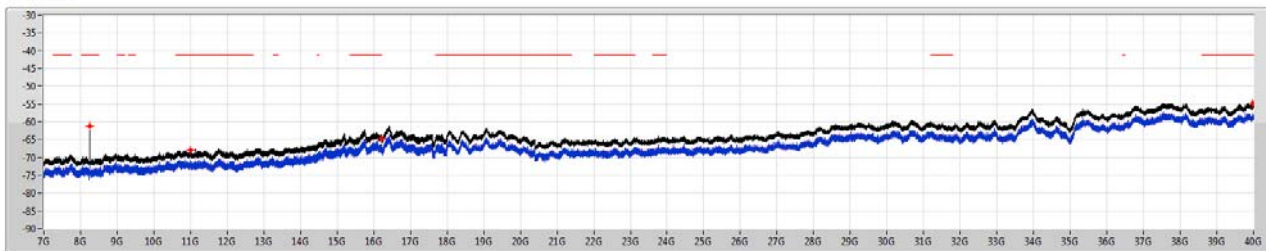


F-Start(FHz)	F-Stop(FHz)	RBW(BHz)	Type	Freq(FHz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	11.00675G	-59.56	-62.81	-62.34
7G	18G	1M	PK	16.42459G	-53.17	-55.31	-57.26
7G	18G	1M	PK	16.49231G	-55.48	-57.47	-59.82
18G	40G	1M	PK	37.53938G	-46.83	-49.62	-50.11

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

CSE [AV]

5500MHz



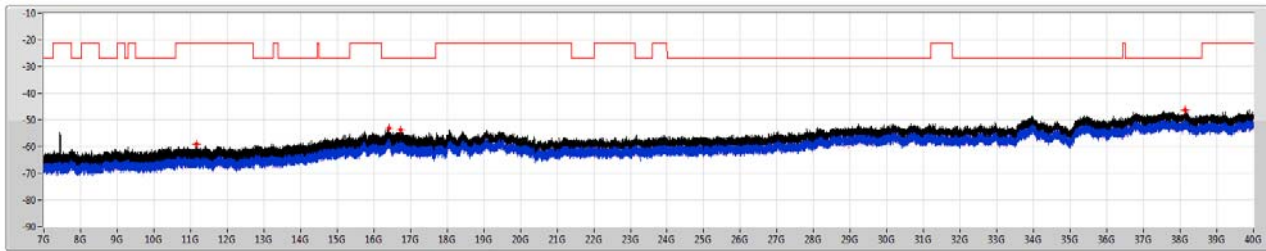
F-Start(FHz)	F-Stop(FHz)	RBW(BHz)	Type	Freq(FHz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	8.24747G	-61.24	-64.44	-64.07
7G	18G	1M	AV	10.99670G	-67.93	-71.21	-70.69
7G	18G	1M	AV	16.19978G	-64.68	-67.87	-67.51
18G	40G	1M	AV	39.97436G	-54.74	-58.00	-57.31



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

CSE [PK]

5580MHz

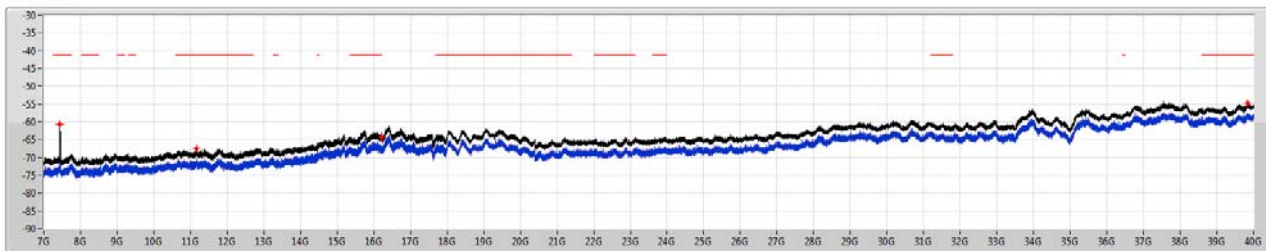


F-Start(Fz)	F-Stop(Fz)	RBW(Fz)	Type	Freq(Fz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	11.16281G	-59.17	-61.27	-63.34
7G	18G	1M	PK	16.41739G	-53.19	-54.69	-56.55
7G	18G	1M	PK	16.74119G	-53.74	-56.16	-57.44
18G	40G	1M	PK	29.14239G	-46.18	-49.03	-49.34

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

CSE [AV]

5580MHz

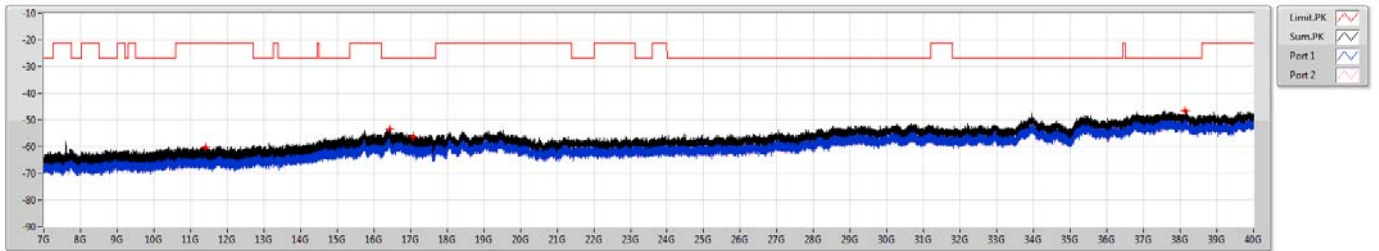


F-Start(Fz)	F-Stop(Fz)	RBW(Fz)	Type	Freq(Fz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	7.43794G	-60.72	-69.60	-61.32
7G	18G	1M	AV	11.16522G	-67.46	-71.00	-70.00
7G	18G	1M	AV	16.19978G	-64.33	-67.51	-67.17
18G	40G	1M	AV	29.84163G	-54.87	-57.89	-58.08

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

CSE [PK]

5700MHz

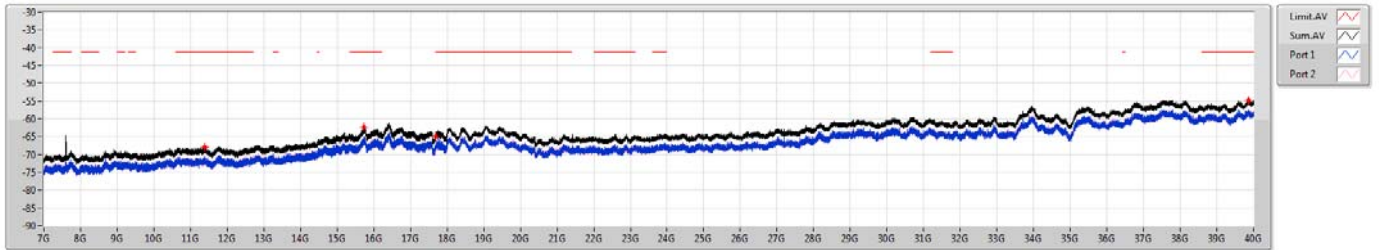


F-Start(FHz)	F-Stop(FHz)	RBW(BHz)	Type	Freq(FHz)	Psum(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	11.40516G	-60.39	-63.99	-62.89
7G	18G	1M	PK	16.43113G	-53.42	-55.92	-57.13
7G	18G	1M	PK	17.08494G	-56.18	-59.80	-58.66
18G	40G	1M	PK	29.14189G	-46.37	-51.03	-48.49

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

CSE [AV]

5700MHz

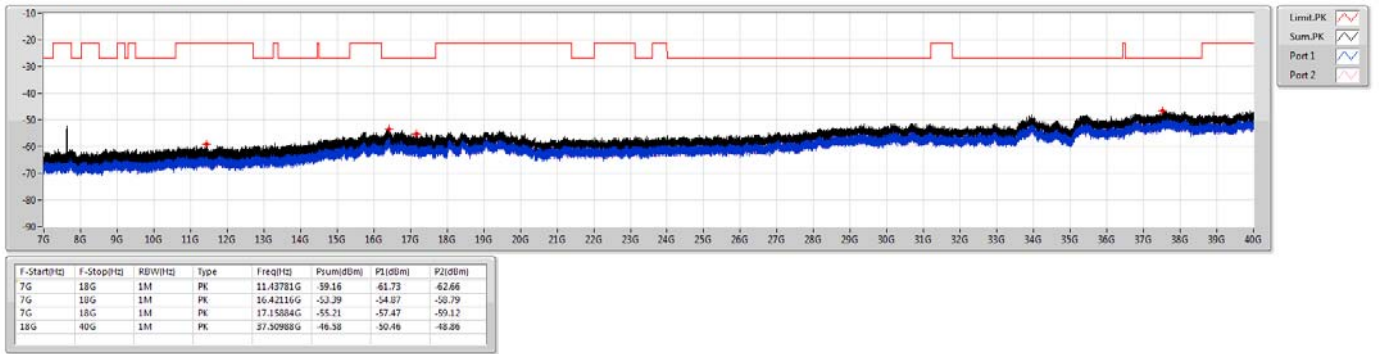


F-Start(FHz)	F-Stop(FHz)	RBW(BHz)	Type	Freq(FHz)	Psum(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	11.4G	-67.89	-70.54	-71.30
7G	18G	1M	AV	15.72366G	-62.20	-65.23	-65.35
7G	18G	1M	AV	17.70025G	-65.01	-68.02	-68.02
18G	40G	1M	AV	29.83363G	-54.80	-57.44	-58.22

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

CSE [PK]

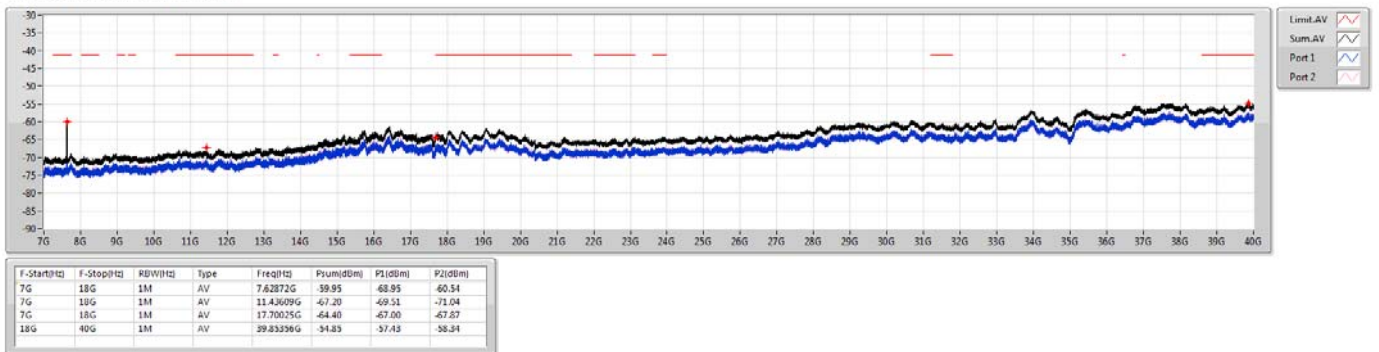
5720MHz Straddle 5.47-5.725GHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

CSE [AV]

5720MHz Straddle 5.47-5.725GHz

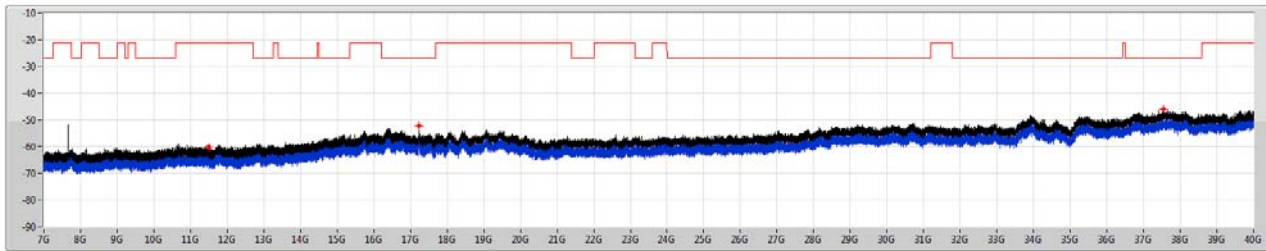




5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

CSE [PK]

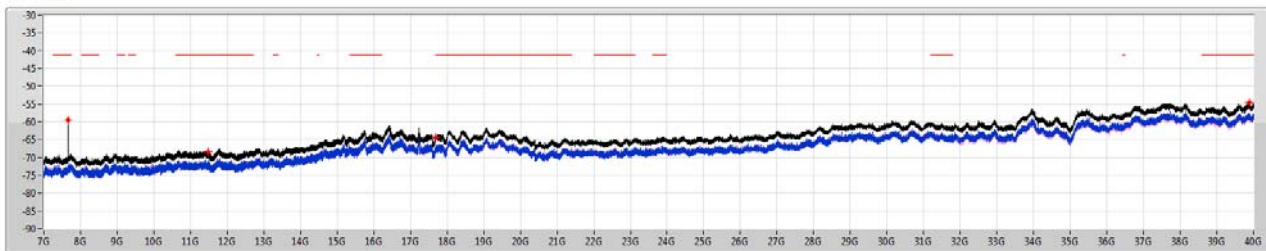
5745MHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

CSE [AV]

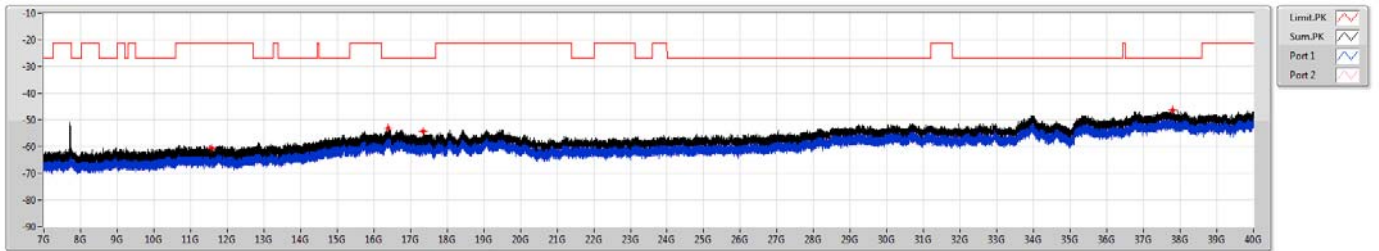
5745MHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

CSE [PK]

5785MHz

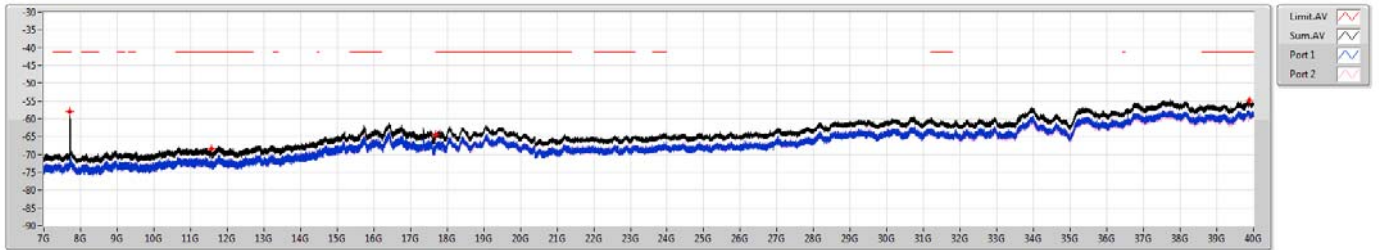


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Prm[dBm]	P1[dBm]	P2[dBm]
7G	18G	1M	PK	11.56813G	-60.58	-62.35	-65.33
7G	18G	1M	PK	16.39503G	-53.21	-57.41	-55.20
7G	18G	1M	PK	17.35719G	-54.35	-55.70	-60.07
18G	40G	1M	PK	37.79175G	-46.34	-48.84	-50.19

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

CSE [AV]

5785MHz

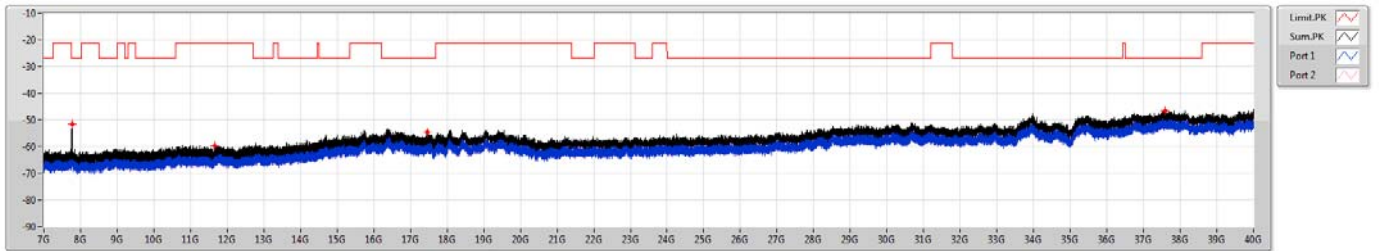


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Prm[dBm]	P1[dBm]	P2[dBm]
7G	18G	1M	AV	7.71122G	-57.88	-67.82	-58.34
7G	18G	1M	AV	11.57359G	-60.49	-71.42	-71.59
7G	18G	1M	AV	17.70025G	-64.34	-67.42	-67.28
18G	40G	1M	AV	39.88175G	-54.88	-57.89	-57.89

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

CSE [PK]

5825MHz

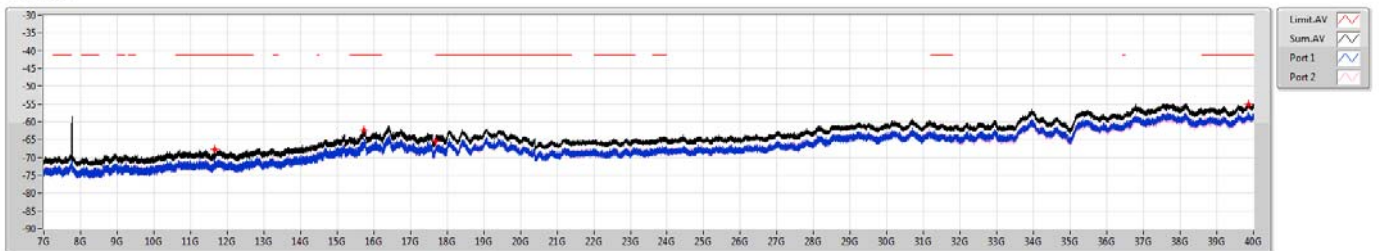


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Prm[dBm]	P1[dBm]	P2[dBm]
7G	18G	1M	PK	7.76622G	-51.52	-62.15	-51.91
7G	18G	1M	PK	11.65403G	-59.70	-63.37	-62.14
7G	18G	1M	PK	17.46959G	-54.60	-57.27	-57.98
18G	40G	1M	PK	37.58273G	-46.36	-48.80	-50.83

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

CSE [AV]

5825MHz

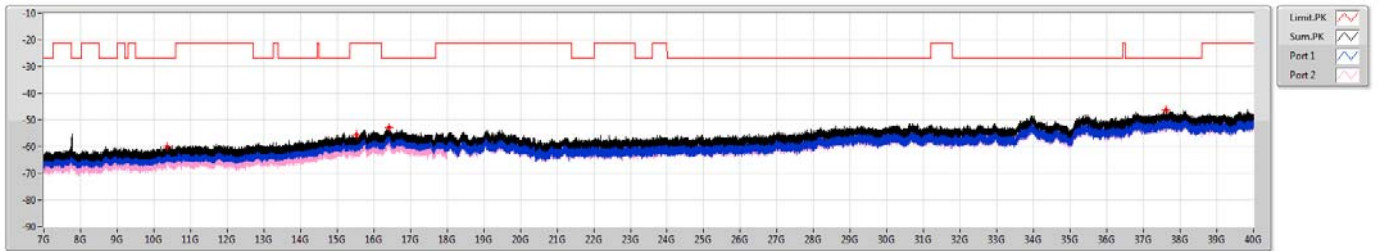


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Prm[dBm]	P1[dBm]	P2[dBm]
7G	18G	1M	AV	11.65128G	-67.79	-70.15	-71.56
7G	18G	1M	AV	15.74019G	-62.24	-64.95	-65.57
7G	18G	1M	AV	17.70025G	-65.41	-68.34	-68.50
18G	40G	1M	AV	39.87144G	-54.99	-57.91	-58.07

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE [PK]

5180MHz

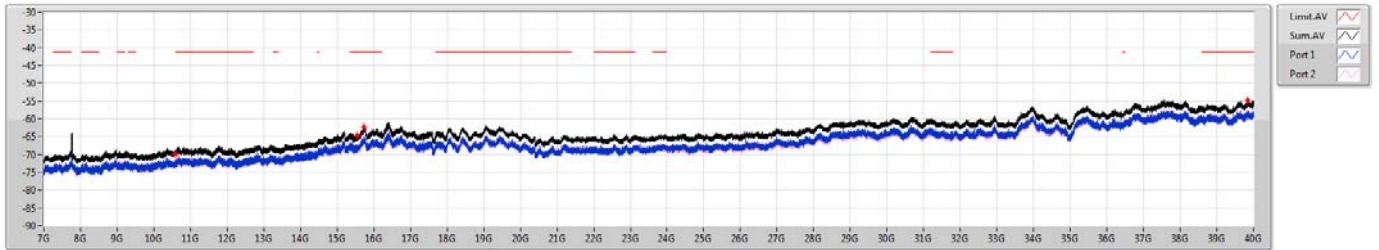


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	10.35672G	-60.14	-62.10	-64.53
7G	18G	1M	PK	15.53075G	-55.57	-57.21	-60.59
7G	18G	1M	PK	16.40603G	-52.94	-55.60	-56.33
18G	40G	1M	PK	37.61713G	-46.22	-51.62	-47.70

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE [AV]

5180MHz



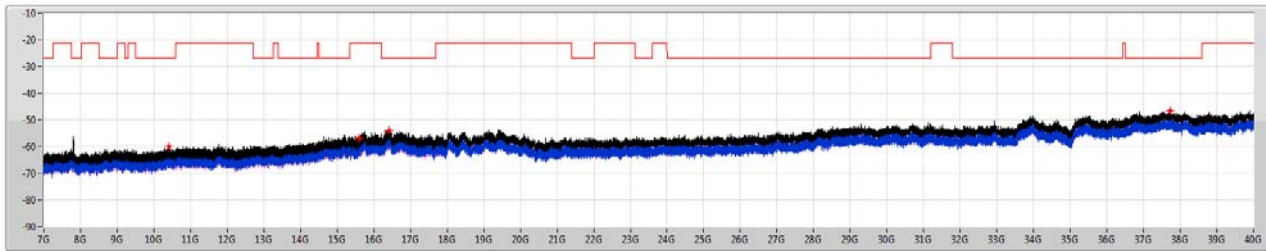
F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	10.60009G	-69.85	-72.66	-73.07
7G	18G	1M	AV	15.54941G	-64.71	-67.64	-67.80
7G	18G	1M	AV	15.73606G	-62.31	-65.13	-65.51
18G	40G	1M	AV	39.8313G	-54.96	-58.11	-57.84



5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE [PK]

5200MHz

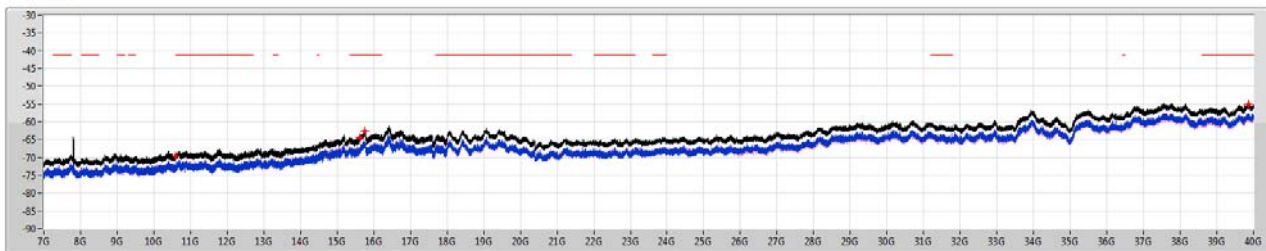


F-Start(Fz)	F-Stop(Fz)	RBW(Fz)	Type	Freq(Fz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	10.40622G	-60.08	-64.17	-62.22
7G	18G	1M	PK	15.60475G	-57.02	-59.18	-61.10
7G	18G	1M	PK	16.41291G	-54.06	-57.55	-56.63
18G	40G	1M	PK	37.71344G	-46.43	-50.30	-48.72

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE [AV]

5200MHz

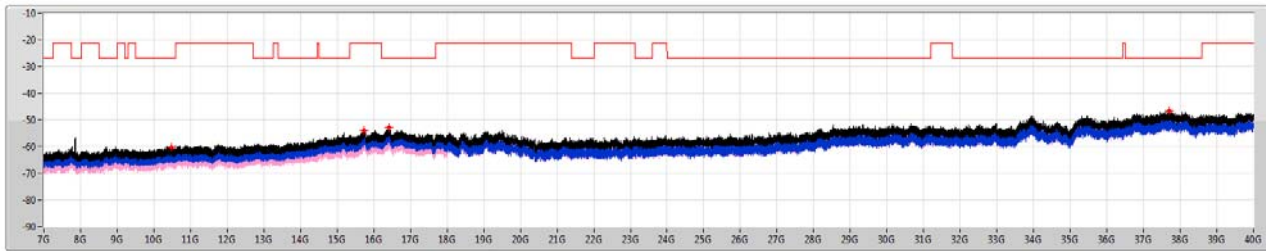


F-Start(Fz)	F-Stop(Fz)	RBW(Fz)	Type	Freq(Fz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	10.60009G	-69.67	-72.68	-72.68
7G	18G	1M	AV	15.61197G	-64.47	-66.90	-68.04
7G	18G	1M	AV	15.75875G	-62.67	-65.62	-65.75
18G	40G	1M	AV	39.83423G	-55.00	-58.33	-57.70

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE [PK]

5240MHz

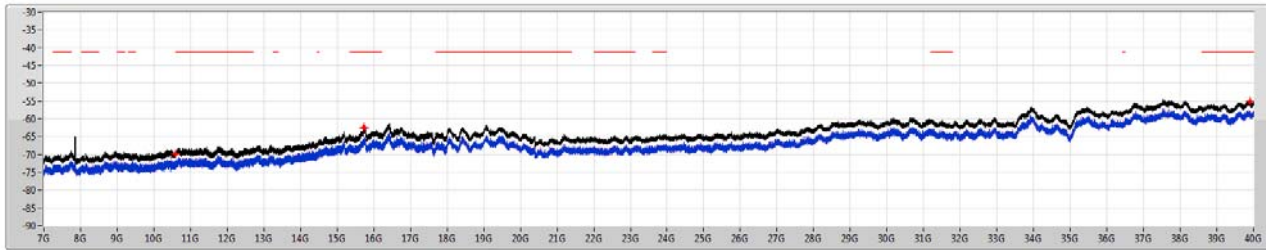


F-Start(FHz)	F-Stop(FHz)	RBW(BHz)	Type	Freq(FHz)	Psum(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	10.47339G	-60.24	-62.44	-64.25
7G	18G	1M	PK	15.73675G	-54.11	-56.05	-58.54
7G	18G	1M	PK	16.40672G	-52.83	-56.45	-55.30
18G	40G	1M	PK	37.70923G	-46.70	-48.81	-51.18

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE [AV]

5240MHz



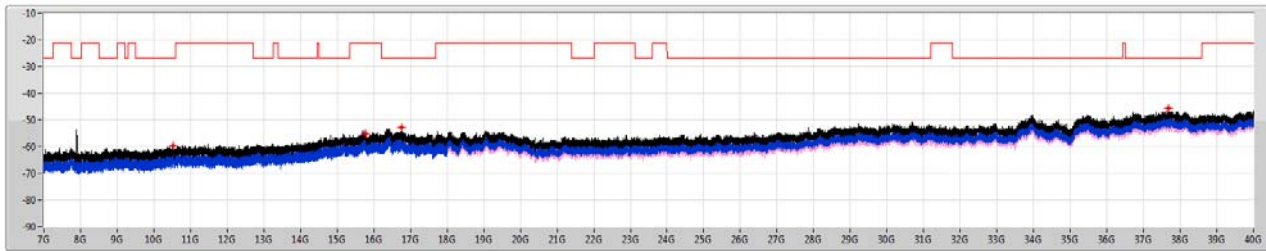
F-Start(FHz)	F-Stop(FHz)	RBW(BHz)	Type	Freq(FHz)	Psum(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	10.60009G	-69.85	-73.51	-72.29
7G	18G	1M	AV	15.73709G	-62.62	-66.40	-64.90
7G	18G	1M	AV	15.74294G	-62.29	-65.69	-64.95
18G	40G	1M	AV	39.90189G	-55.09	-57.79	-58.43



5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

CSE [PK]

5260MHz

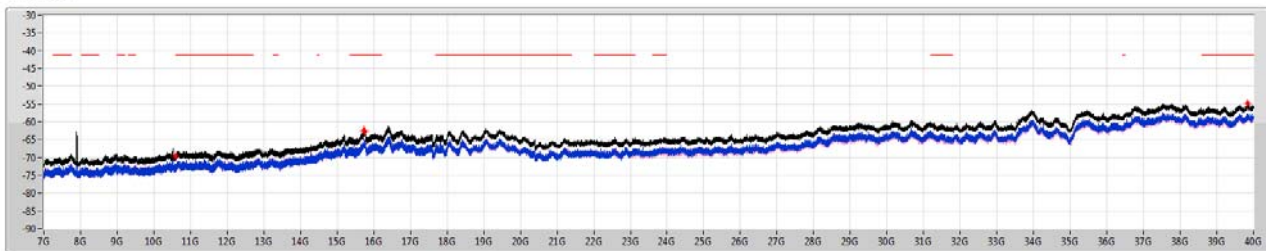


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	10.5145G	-59.55	-66.16	-60.62
7G	18G	1M	PK	15.78109G	-55.22	-56.69	-60.69
7G	18G	1M	PK	16.75047G	-52.68	-56.35	-55.11
18G	40G	1M	PK	37.6845G	-45.57	-49.33	-47.93

5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

CSE [AV]

5260MHz

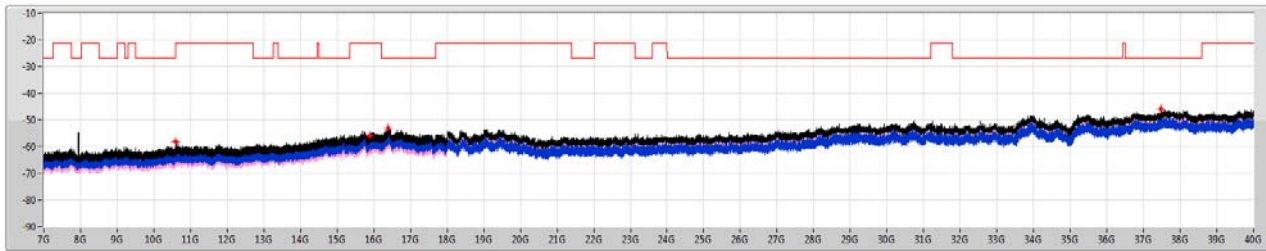


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	10.60009G	-69.67	-72.68	-72.68
7G	18G	1M	AV	15.74397G	-62.44	-64.81	-66.21
7G	18G	1M	AV	15.76356G	-62.91	-65.48	-66.42
18G	40G	1M	AV	39.84236G	-54.95	-57.71	-58.23

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE [PK]

5300MHz

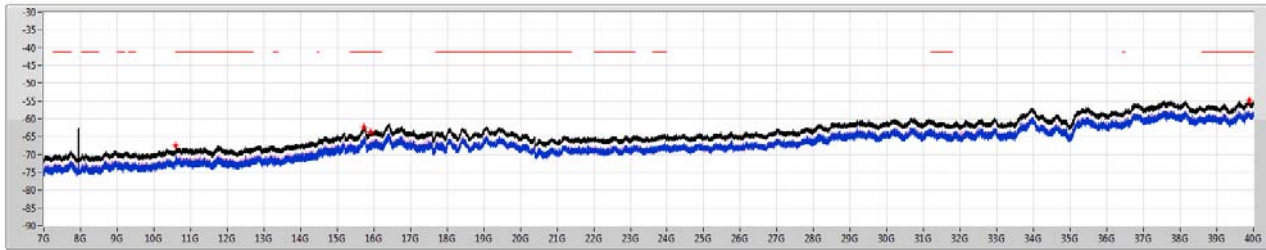


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Psum(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	10.59975G	-58.21	-60.24	-62.48
7G	18G	1M	PK	15.89934G	-55.83	-57.59	-60.59
7G	18G	1M	PK	16.39881G	-52.97	-56.16	-55.80
18G	40G	1M	PK	37.47736G	-43.98	-47.88	-50.87

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE [AV]

5300MHz



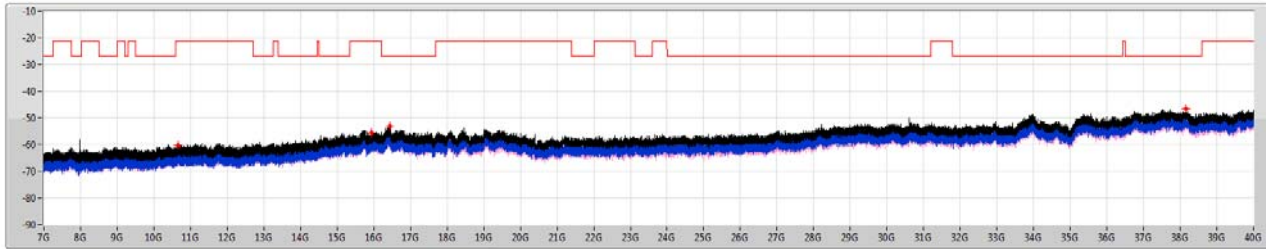
F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Psum(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	10.60147G	-67.43	-70.44	-70.44
7G	18G	1M	AV	15.7395G	-62.26	-65.09	-65.46
7G	18G	1M	AV	15.90794G	-63.86	-67.20	-66.57
18G	40G	1M	AV	39.839G	-54.94	-58.33	-57.39



5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE [PK]

5320MHz

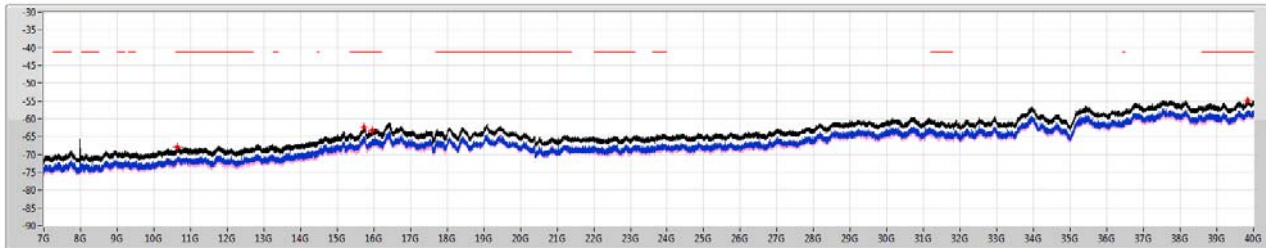


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Psum(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	10.65372G	-60.17	-63.09	-63.28
7G	18G	1M	PK	15.94644G	-55.50	-57.73	-59.47
7G	18G	1M	PK	16.44384G	-53.24	-56.50	-56.02
18G	40G	1M	PK	29.16389G	-46.71	-48.86	-50.80

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE [AV]

5320MHz



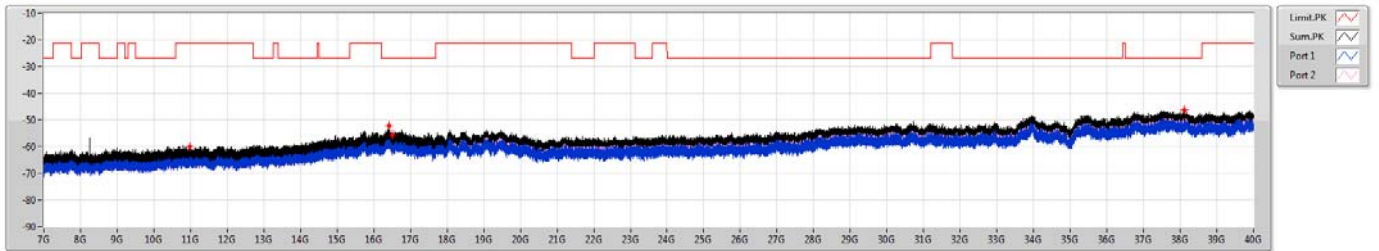
F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Psum(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	10.63997G	-68.00	-71.09	-70.93
7G	18G	1M	AV	15.73013G	-62.34	-66.04	-64.76
7G	18G	1M	AV	15.96019G	-63.19	-65.51	-67.01
18G	40G	1M	AV	29.83389G	-54.90	-58.32	-57.33



5.47-5.725GHz_802.11ax_HEW20_Nss1,(MC50)_2TX

CSE [PK]

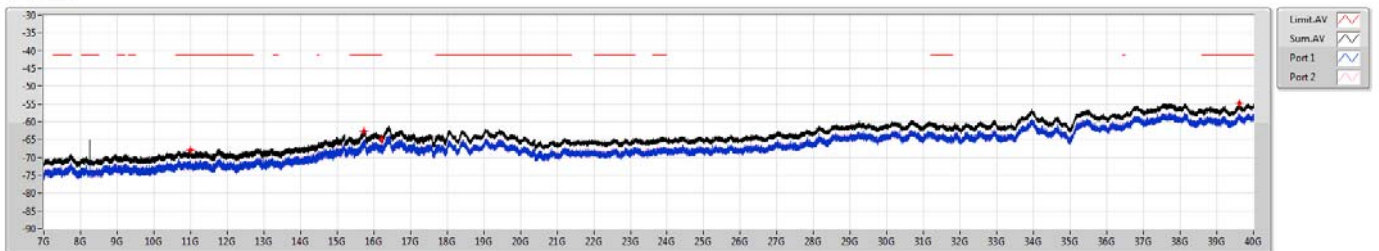
5500MHz



5.47-5.725GHz_802.11ax_HEW20_Nss1,(MC50)_2TX

CSE [AV]

5500MHz

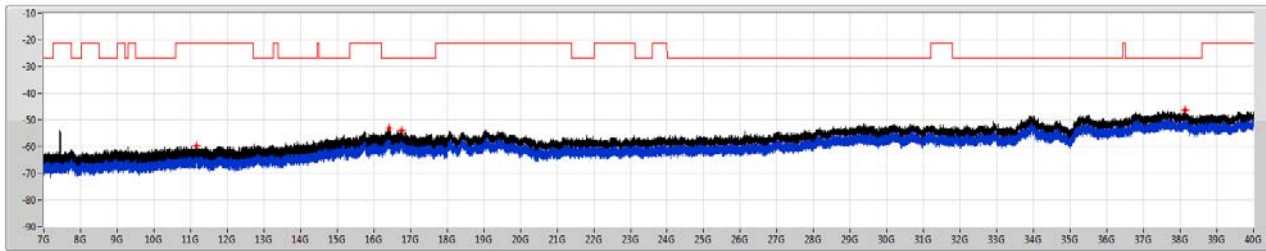




5.47-5.725GHz_802.11ax_HEW20_Nss1,(MC50)_2TX

CSE [PK]

5580MHz

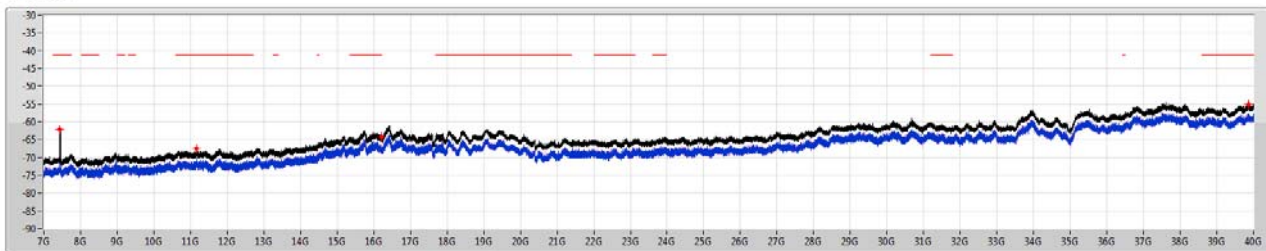


F-Start(Fz)	F-Stop(Fz)	RBW(Fz)	Type	Freq(Fz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	11.16006G	-59.63	-62.05	-63.43
7G	18G	1M	PK	16.40431G	-53.24	-50.45	-54.80
7G	18G	1M	PK	16.75391G	-53.94	-50.11	-56.04
18G	40G	1M	PK	29.1411G	-46.14	-48.19	-50.38

5.47-5.725GHz_802.11ax_HEW20_Nss1,(MC50)_2TX

CSE [AV]

5580MHz



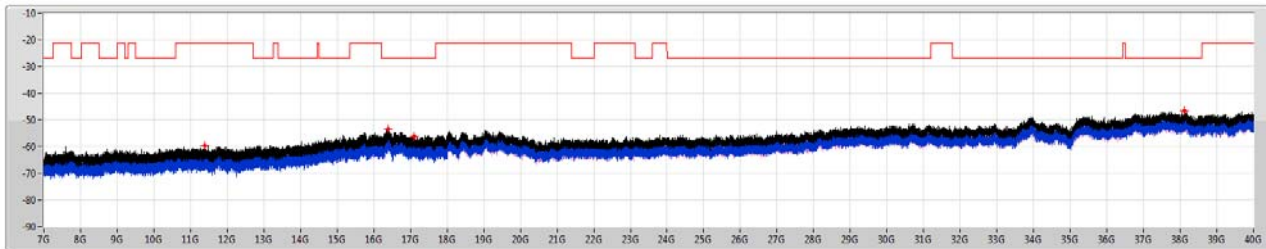
F-Start(Fz)	F-Stop(Fz)	RBW(Fz)	Type	Freq(Fz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	7.43897G	-62.07	-71.06	-62.66
7G	18G	1M	AV	11.16006G	-67.57	-70.10	-71.13
7G	18G	1M	AV	16.19978G	-64.23	-67.78	-66.76
18G	40G	1M	AV	29.89663G	-55.00	-57.89	-58.36



5.47-5.725GHz_802.11ax_HEW20_Nss1,(MC50)_2TX

CSE [PK]

5700MHz

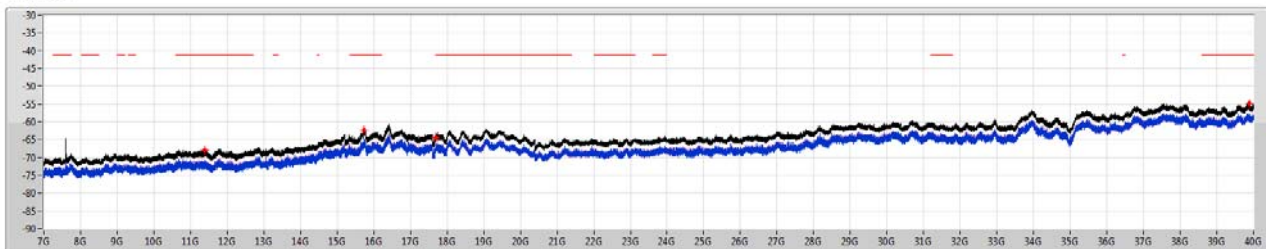


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Prm[dBm]	P1[dBm]	P2[dBm]
7G	18G	1M	PK	11.4G	-59.60	-61.26	-61.57
7G	18G	1M	PK	16.39331G	-53.42	-56.81	-56.00
7G	18G	1M	PK	17.10831G	-56.12	-58.21	-60.29
18G	40G	1M	PK	38.108G	-46.36	-48.89	-50.38

5.47-5.725GHz_802.11ax_HEW20_Nss1,(MC50)_2TX

CSE [AV]

5700MHz



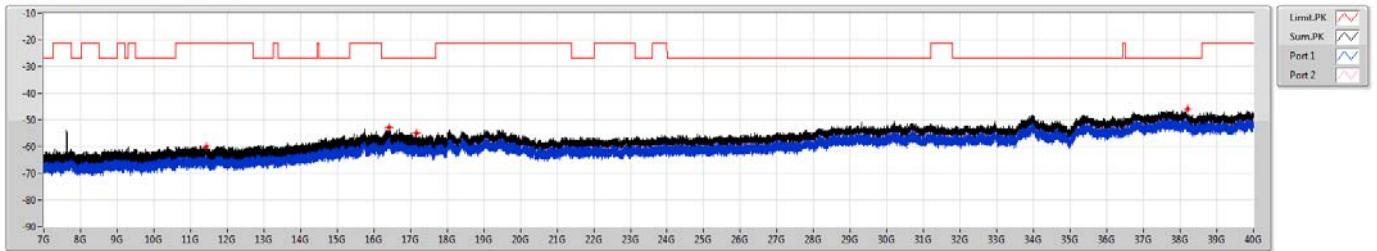
F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Prm[dBm]	P1[dBm]	P2[dBm]
7G	18G	1M	AV	11.39003G	-68.08	-71.09	-71.09
7G	18G	1M	AV	15.74299G	-62.26	-64.85	-65.74
7G	18G	1M	AV	17.70025G	-64.46	-67.78	-67.19
18G	40G	1M	AV	39.88725G	-54.96	-57.83	-58.10



5.47-5.725GHz_802.11ax_HEW20_Nss1,(MC50)_2TX

CSE [PK]

5720MHz Straddle 5.47-5.725GHz

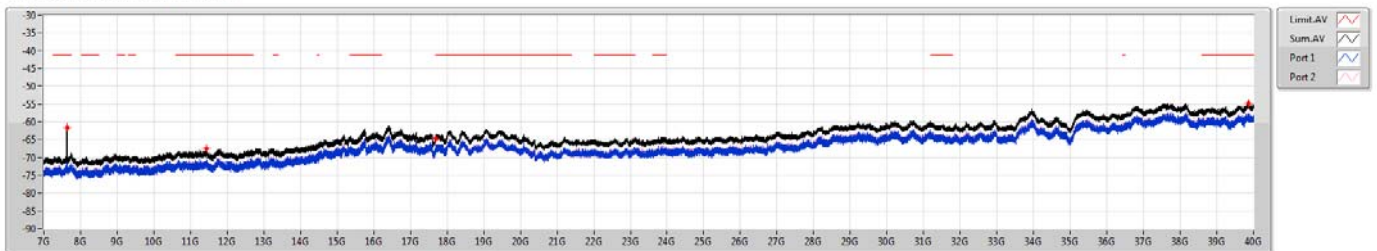


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	11.42856G	-59.81	-62.37	-63.55
7G	18G	1M	PK	16.41359G	-52.92	-55.09	-55.90
7G	18G	1M	PK	17.15541G	-55.04	-57.92	-58.18
18G	40G	1M	PK	28.20425G	-46.06	-48.88	-49.30

5.47-5.725GHz_802.11ax_HEW20_Nss1,(MC50)_2TX

CSE [AV]

5720MHz Straddle 5.47-5.725GHz



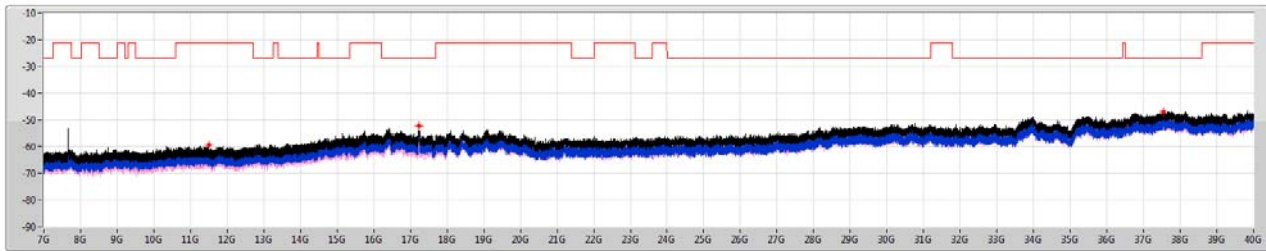
F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	7.62803G	-61.71	-70.67	-62.30
7G	18G	1M	AV	11.43953G	-67.60	-70.90	-70.27
7G	18G	1M	AV	17.70025G	-64.77	-67.63	-67.94
18G	40G	1M	AV	29.89044G	-54.89	-58.17	-57.65



5.725-5.85GHz_802.11ax_HEW20_Nss1,(MC50)_2TX

CSE [PK]

5745MHz

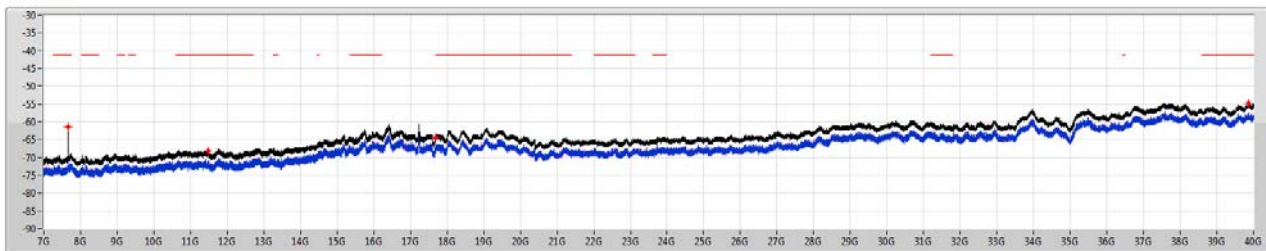


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	11.49991G	-59.49	-62.02	-63.03
7G	18G	1M	PK	17.27758G	-52.28	-53.96	-57.36
18G	40G	1M	PK	37.54001G	-46.92	-50.30	-49.59

5.725-5.85GHz_802.11ax_HEW20_Nss1,(MC50)_2TX

CSE [AV]

5745MHz

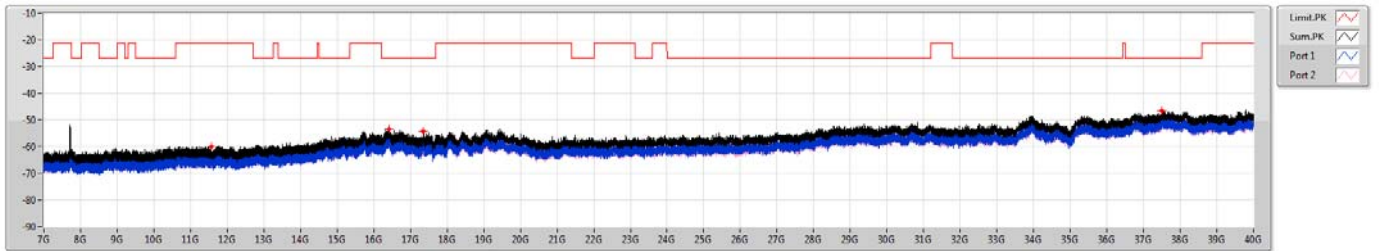


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	7.65966G	-61.30	-69.42	-62.03
7G	18G	1M	AV	11.48663G	-60.16	-70.82	-71.56
7G	18G	1M	AV	17.70025G	-64.54	-67.63	-67.48
18G	40G	1M	AV	39.88394G	-54.92	-57.44	-58.49

5.725-5.85GHz_802.11ax_HEW20_Nss1,(MC50)_2TX

CSE [PK]

5785MHz

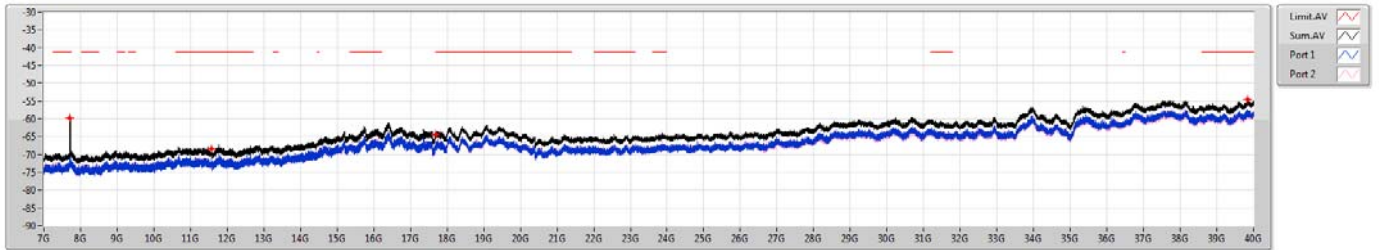


F-Start(FHz)	F-Stop(FHz)	RBW(BHz)	Type	Freq(FHz)	Psum(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	11.56878G	-60.06	-65.49	-61.53
7G	18G	1M	PK	16.42219G	-53.50	-56.62	-56.57
7G	18G	1M	PK	17.35134G	-54.23	-56.26	-58.47
18G	40G	1M	PK	37.50094G	-46.61	-49.72	-49.32

5.725-5.85GHz_802.11ax_HEW20_Nss1,(MC50)_2TX

CSE [AV]

5785MHz

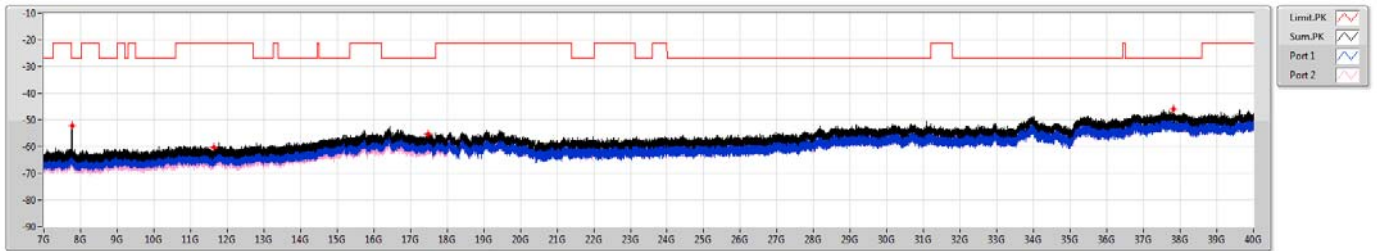


F-Start(FHz)	F-Stop(FHz)	RBW(BHz)	Type	Freq(FHz)	Psum(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	7.70778G	-59.81	-68.83	-60.39
7G	18G	1M	AV	11.56672G	-60.44	-70.97	-71.99
7G	18G	1M	AV	17.70025G	-64.54	-67.48	-67.63
18G	40G	1M	AV	39.84183G	-54.71	-58.13	-57.33

5.725-5.85GHz_802.11ax_HEW20_Nss1,(MC50)_2TX

CSE [PK]

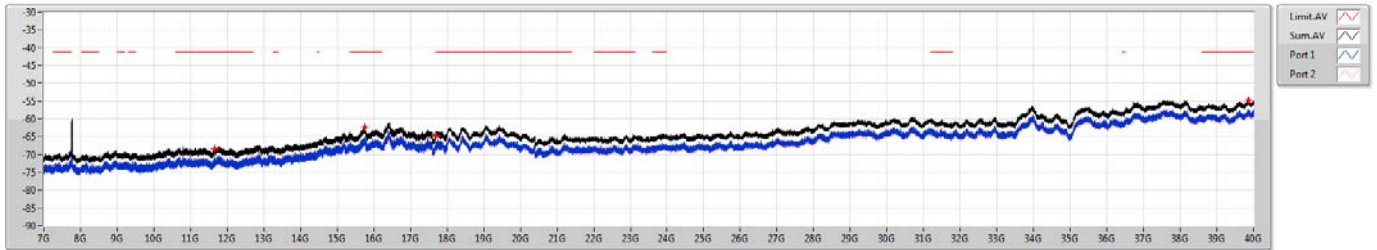
5825MHz



5.725-5.85GHz_802.11ax_HEW20_Nss1,(MC50)_2TX

CSE [AV]

5825MHz

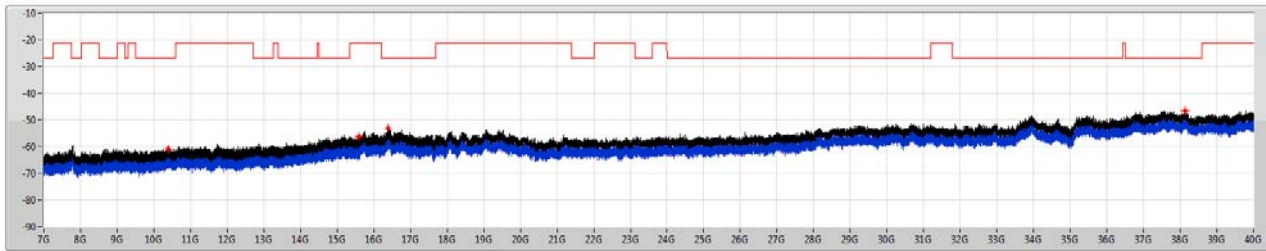




5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE [PK]

5190MHz

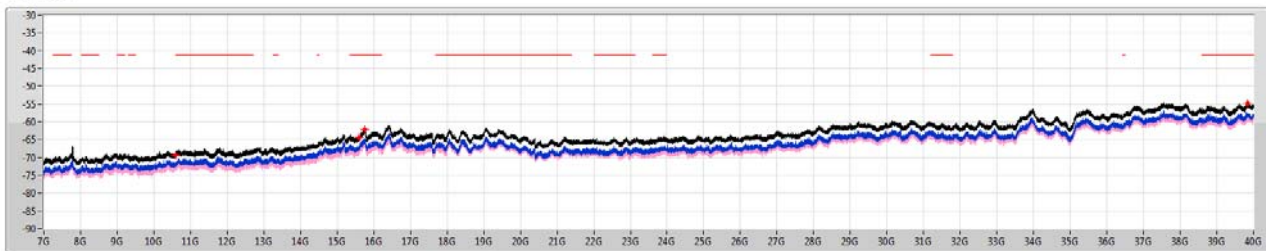


F-Start(FHz)	F-Stop(FHz)	RBW(BHz)	Type	Freq(FHz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	10.3835G	-60.84	-63.75	-64.17
7G	18G	1M	PK	15.60234G	-56.22	-59.81	-59.73
7G	18G	1M	PK	16.39125G	-53.13	-55.63	-56.71
18G	40G	1M	PK	28.1215G	-46.82	-50.81	-48.83

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE [AV]

5190MHz



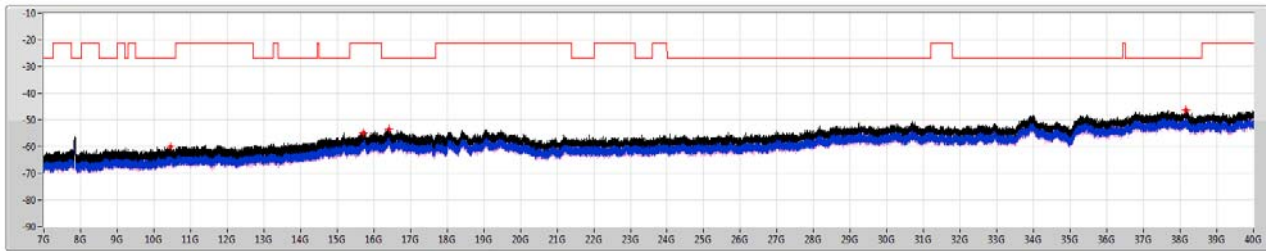
F-Start(FHz)	F-Stop(FHz)	RBW(BHz)	Type	Freq(FHz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	10.60009G	-69.44	-72.07	-72.86
7G	18G	1M	AV	15.60570G	-64.36	-67.69	-67.00
7G	18G	1M	AV	15.74560G	-62.12	-65.19	-65.07
18G	40G	1M	AV	29.84689G	-54.84	-57.98	-57.72



5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE [PK]

5230MHz

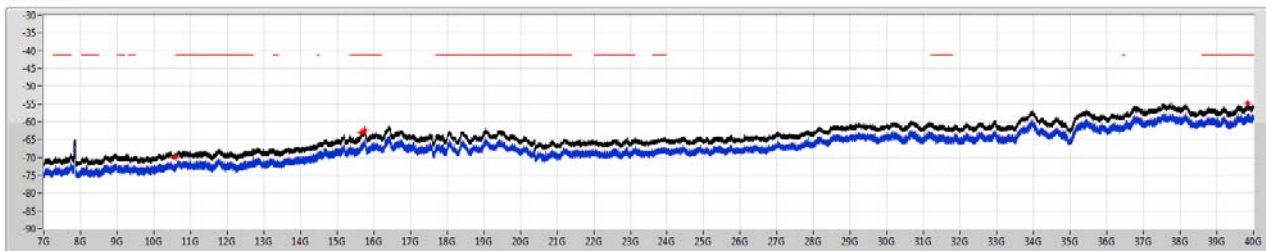


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	10.45091G	-60.14	-64.87	-61.92
7G	18G	1M	PK	15.70134G	-55.02	-57.13	-59.17
7G	18G	1M	PK	16.41841G	-53.50	-56.28	-56.76
18G	40G	1M	PK	39.14925G	-46.33	-48.38	-50.63

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE [AV]

5230MHz

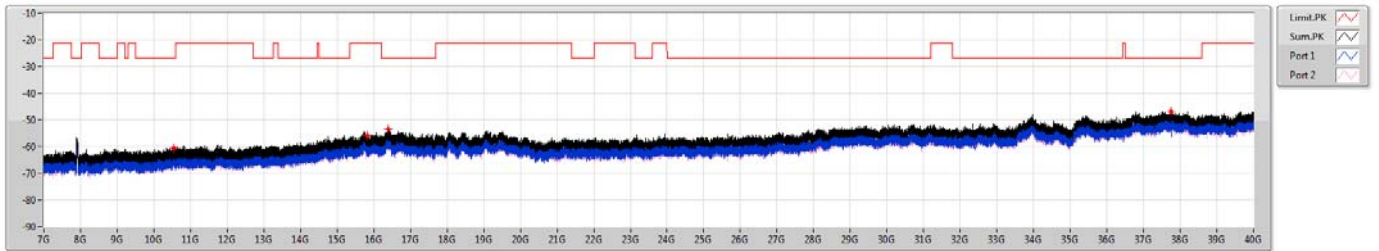


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	10.60009G	-69.77	-72.88	-72.68
7G	18G	1M	AV	15.67625G	-62.99	-66.41	-65.63
7G	18G	1M	AV	15.76013G	-62.35	-65.36	-65.36
18G	40G	1M	AV	39.84321G	-54.93	-57.37	-58.33

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE [PK]

5270MHz

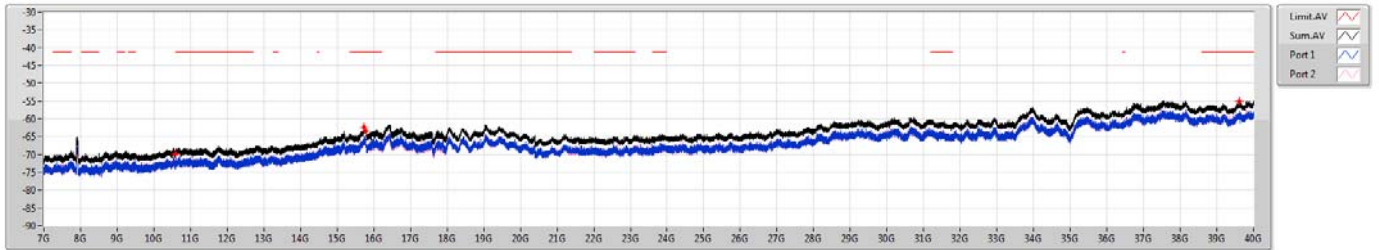


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	10.54131G	-60.75	-63.32	-64.25
7G	18G	1M	PK	15.83231G	-55.92	-60.51	-57.77
7G	18G	1M	PK	16.39916G	-53.37	-56.65	-56.12
18G	40G	1M	PK	37.73728G	-46.79	-49.33	-50.31

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE [AV]

5270MHz



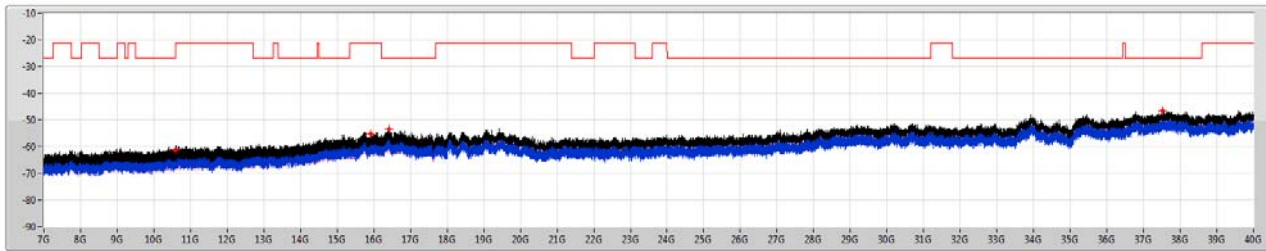
F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	10.60009G	-69.85	-73.07	-72.66
7G	18G	1M	AV	15.74320G	-62.46	-65.34	-65.60
7G	18G	1M	AV	15.77525G	-63.44	-66.76	-66.17
18G	40G	1M	AV	39.60813G	-55.13	-57.88	-58.42



5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

CSE [PK]

5310MHz

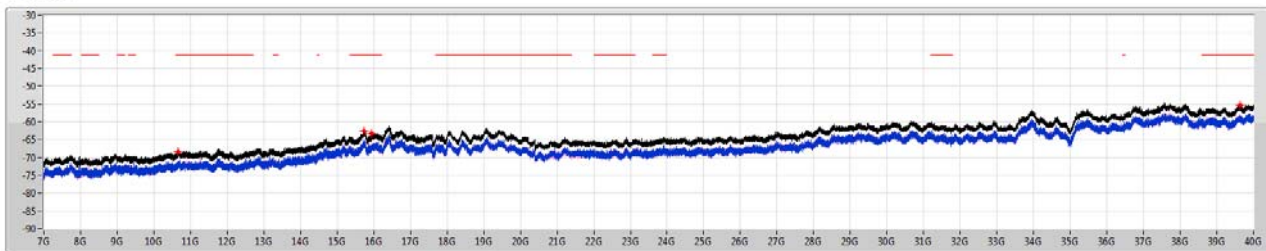


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	10.59631G	-61.26	-63.57	-65.11
7G	18G	1M	PK	15.91997G	-55.43	-56.78	-61.15
7G	18G	1M	PK	16.40844G	-53.43	-56.82	-56.09
18G	40G	1M	PK	37.52775G	-46.87	-50.53	-48.96

5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

CSE [AV]

5310MHz



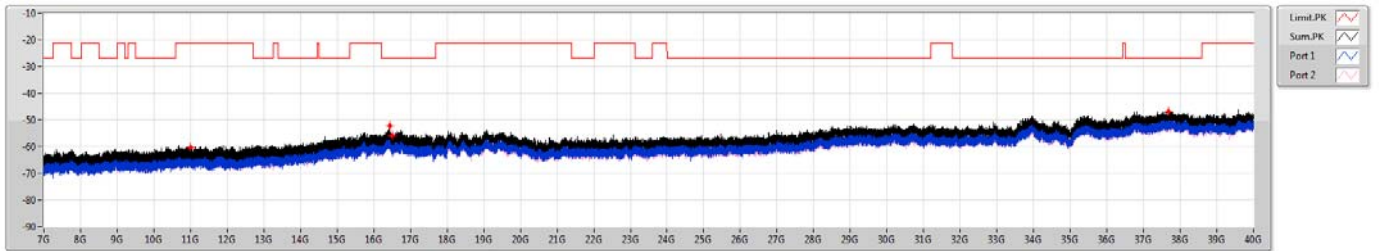
F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	10.63475G	-68.50	-71.96	-71.10
7G	18G	1M	AV	15.74156G	-62.60	-66.02	-65.23
7G	18G	1M	AV	15.94609G	-63.31	-66.48	-66.17
18G	40G	1M	AV	39.62889G	-55.20	-58.08	-58.34



5.47-5.725GHz_802.11ax_HEW40_Nss1,(MC50)_2TX

CSE [PK]

5510MHz

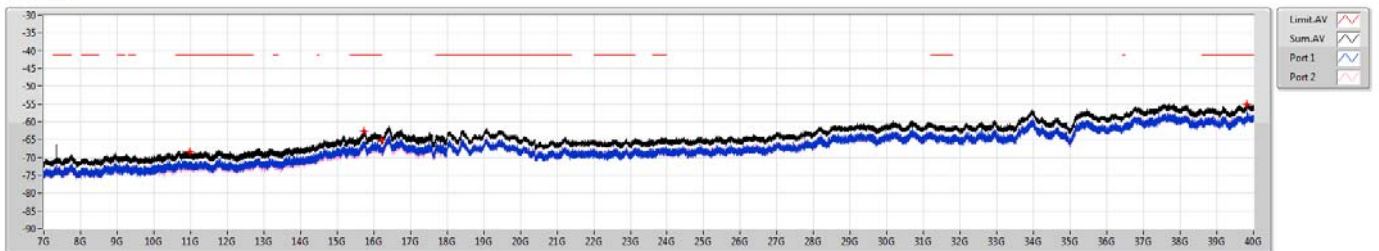


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Prm[dBm]	P1[dBm]	P2[dBm]
7G	18G	1M	PK	10.99438G	-60.35	-63.59	-63.15
7G	18G	1M	PK	16.42803G	-52.29	-54.68	-56.02
7G	18G	1M	PK	16.51328G	-55.95	-60.56	-57.79
18G	40G	1M	PK	37.67488G	-46.73	-50.52	-49.23

5.47-5.725GHz_802.11ax_HEW40_Nss1,(MC50)_2TX

CSE [AV]

5510MHz

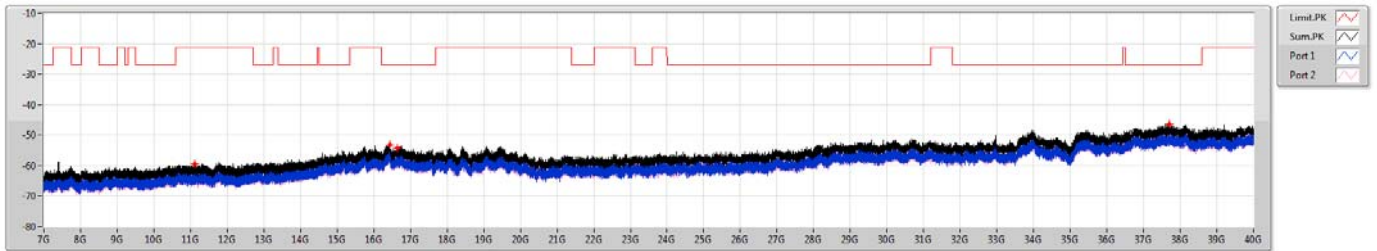


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Prm[dBm]	P1[dBm]	P2[dBm]
7G	18G	1M	AV	10.98613G	-68.51	-71.33	-71.71
7G	18G	1M	AV	15.74397G	-62.64	-65.72	-65.59
7G	18G	1M	AV	16.19978G	-65.20	-67.43	-69.15
18G	40G	1M	AV	39.82036G	-55.03	-57.26	-58.99

5.47-5.725GHz_802.11ax_HEW40_Nss1,(MC50)_2TX

CSE [PK]

5550MHz

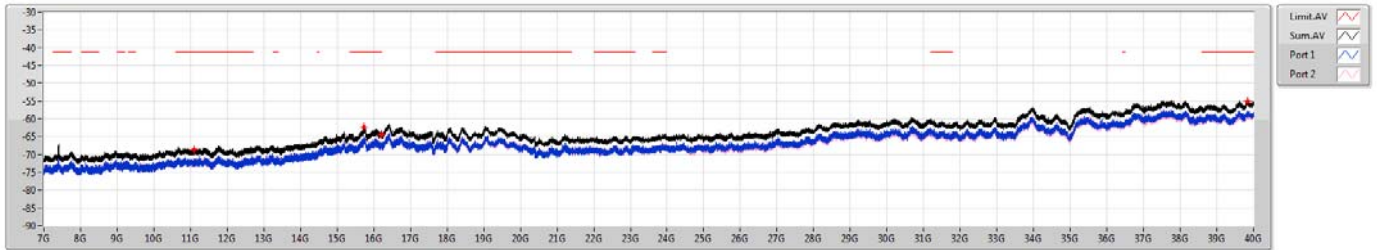


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	11.10644G	-59.53	-61.94	-63.23
7G	18G	1M	PK	16.42906G	-53.11	-57.12	-55.31
7G	18G	1M	PK	16.64838G	-54.24	-57.50	-57.01
18G	40G	1M	PK	37.71131G	-46.24	-51.99	-47.39

5.47-5.725GHz_802.11ax_HEW40_Nss1,(MC50)_2TX

CSE [AV]

5550MHz

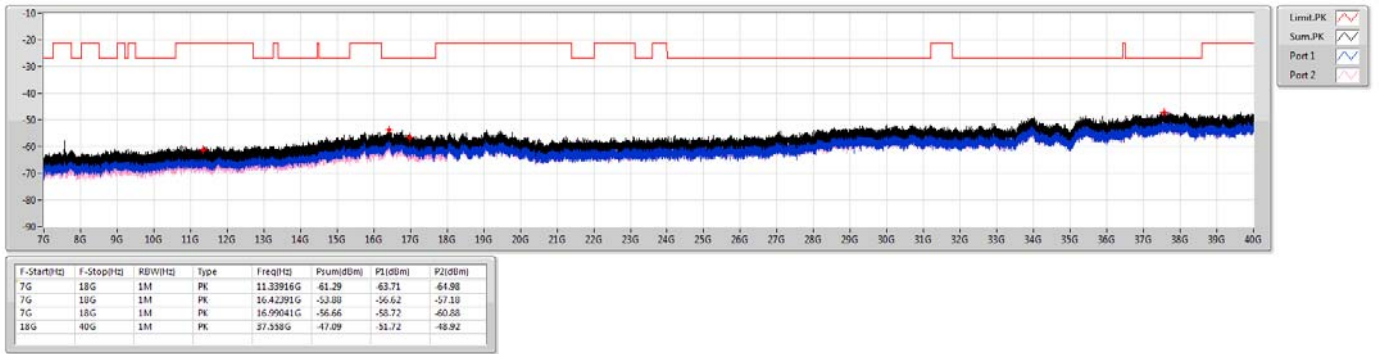


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	11.10438G	-68.59	-71.51	-71.69
7G	18G	1M	AV	15.73297G	-62.42	-65.62	-65.25
7G	18G	1M	AV	16.19978G	-64.47	-67.15	-67.83
18G	40G	1M	AV	39.84875G	-55.05	-57.80	-58.33

5.47-5.725GHz_802.11ax_HEW40_Nss1,(MC50)_2TX

CSE [PK]

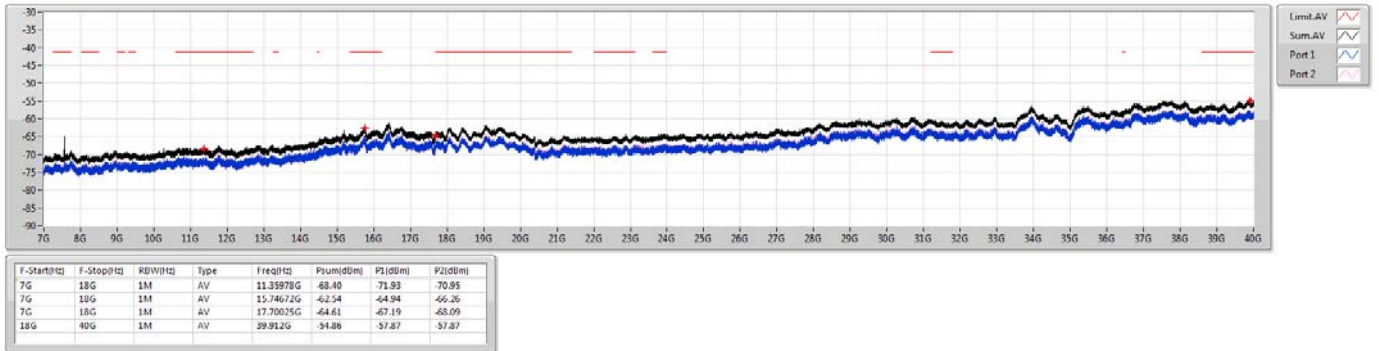
5670MHz



5.47-5.725GHz_802.11ax_HEW40_Nss1,(MC50)_2TX

CSE [AV]

5670MHz

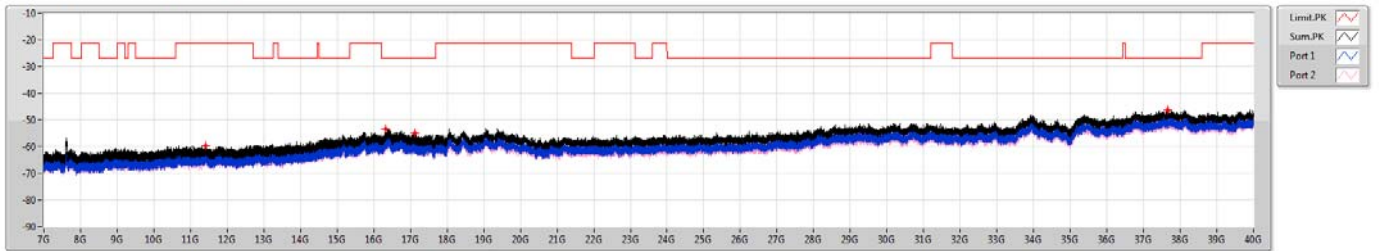




5.47-5.725GHz_802.11ax_HEW40_Nss1,(MC50)_2TX

CSE [PK]

5710MHz Straddle 5.47-5.725GHz

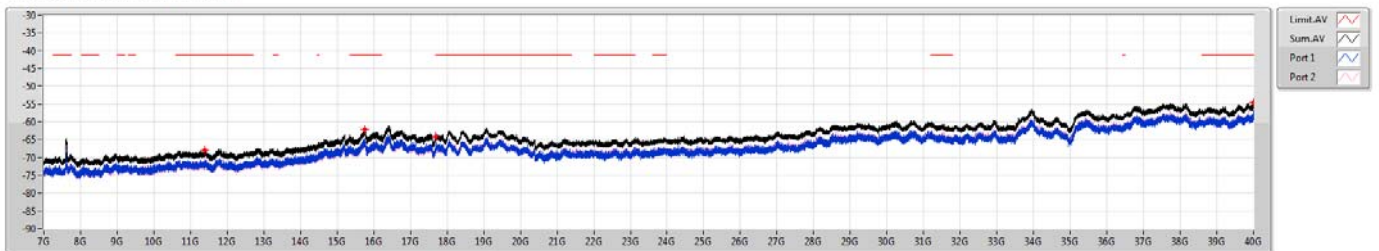


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	11.41478G	-59.66	-61.52	-61.25
7G	18G	1M	PK	16.33179G	-53.42	-56.09	-56.81
7G	18G	1M	PK	17.12206G	-55.10	-59.60	-57.01
18G	40G	1M	PK	37.66325G	-46.29	-47.36	-52.24

5.47-5.725GHz_802.11ax_HEW40_Nss1,(MC50)_2TX

CSE [AV]

5710MHz Straddle 5.47-5.725GHz

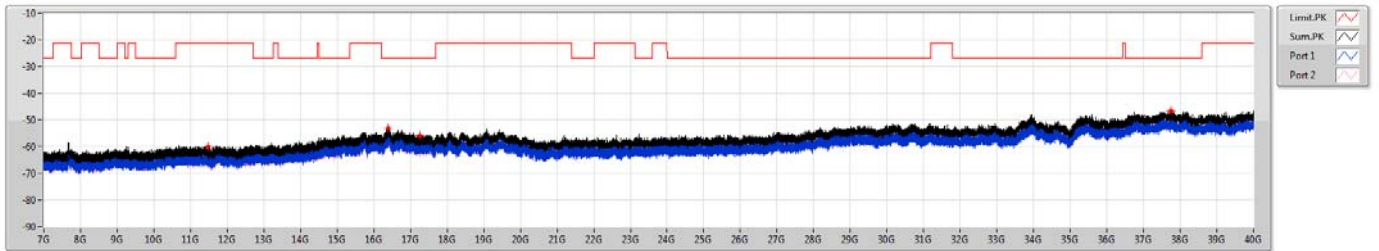


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	11.39725G	-68.02	-71.44	-70.66
7G	18G	1M	AV	15.745G	-62.10	-65.32	-65.07
7G	18G	1M	AV	17.70025G	-64.18	-67.48	-66.91
18G	40G	1M	AV	39.99794G	-54.67	-56.82	-58.73

5.725-5.85GHz_802.11ax_HEW40_Nss1,(MC50)_2TX

CSE [PK]

5755MHz

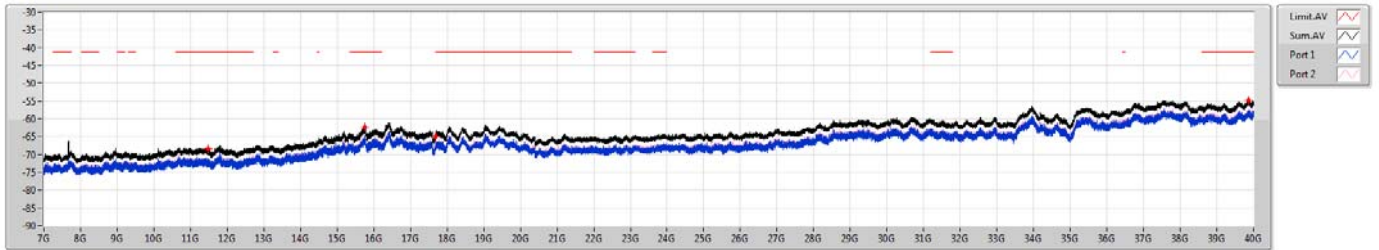


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Psum[dBm]	P1[dBm]	P2[dBm]
7G	18G	1M	PK	11.48044G	-59.92	-62.30	-63.66
7G	18G	1M	PK	16.39675G	-53.06	-54.71	-56.05
7G	18G	1M	PK	17.25544G	-55.91	-59.62	-58.31
18G	40G	1M	PK	37.74913G	-46.87	-50.70	-48.85

5.725-5.85GHz_802.11ax_HEW40_Nss1,(MC50)_2TX

CSE [AV]

5755MHz

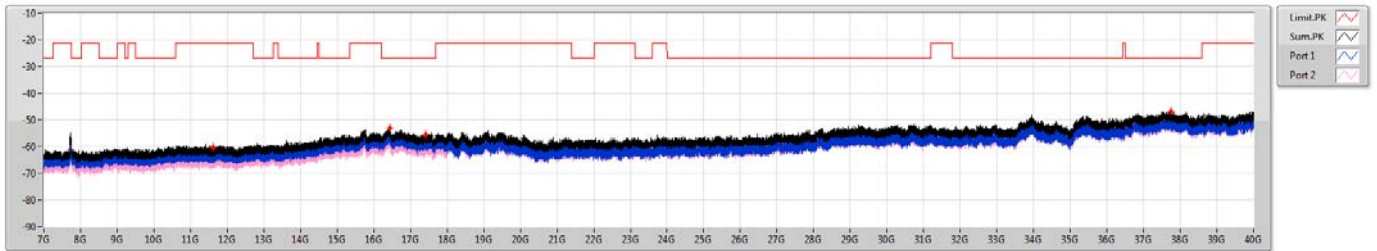


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Psum[dBm]	P1[dBm]	P2[dBm]
7G	18G	1M	AV	11.48594G	-68.55	-71.75	-71.37
7G	18G	1M	AV	15.74569G	-62.31	-65.32	-65.32
7G	18G	1M	AV	17.70025G	-65.00	-68.25	-67.78
18G	40G	1M	AV	39.89731G	-54.81	-58.22	-57.45

5.725-5.85GHz_802.11ax_HEW40_Nss1,(MC50)_2TX

CSE [PK]

5795MHz

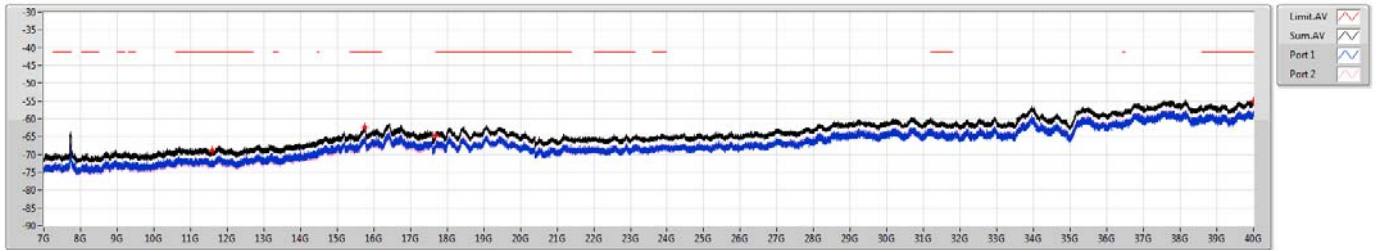


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	11.61003G	-60.25	-62.71	-63.88
7G	18G	1M	PK	16.43101G	-53.16	-54.75	-56.29
7G	18G	1M	PK	17.42044G	-55.56	-57.86	-59.41
18G	40G	1M	PK	37.73744G	-46.87	-48.03	-53.18

5.725-5.85GHz_802.11ax_HEW40_Nss1,(MC50)_2TX

CSE [AV]

5795MHz



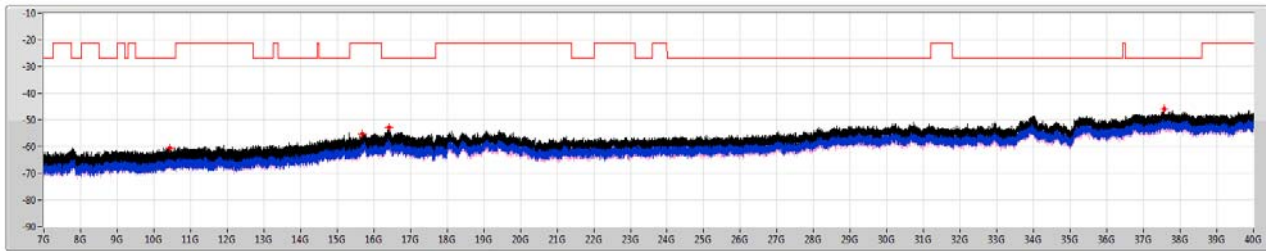
F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	11.58734G	-68.93	-71.94	-71.94
7G	18G	1M	AV	15.75566G	-62.40	-65.20	-65.54
7G	18G	1M	AV	17.70025G	-64.69	-67.34	-68.09
18G	40G	1M	AV	39.99981G	-55.03	-57.84	-58.21



5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

CSE [PK]

5210MHz

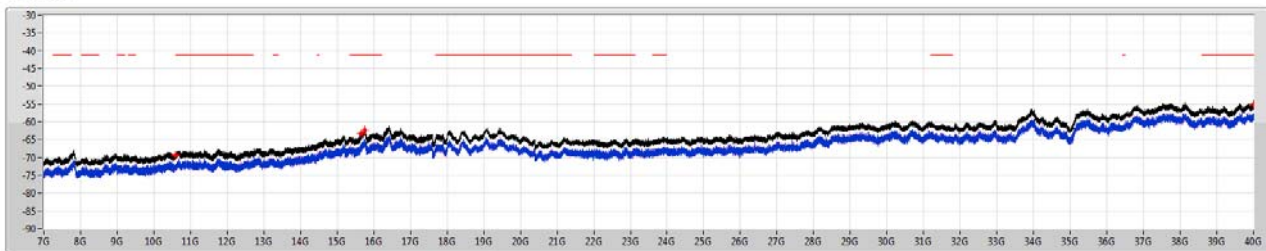


F-Start(Fz)	F-Stop(Fz)	RBW(Fz)	Type	Freq(Fz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	10.4285G	-60.66	-63.18	-64.23
7G	18G	1M	PK	15.69619G	-55.33	-57.16	-59.97
7G	18G	1M	PK	16.416G	-52.72	-56.65	-54.97
18G	40G	1M	PK	37.36763G	-45.97	-49.34	-48.65

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

CSE [AV]

5210MHz



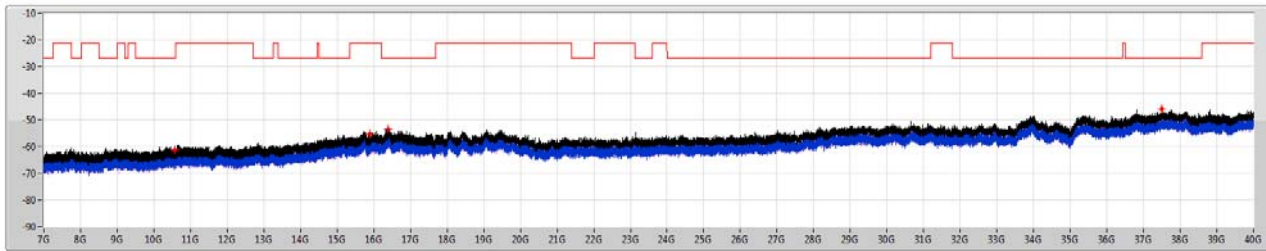
F-Start(Fz)	F-Stop(Fz)	RBW(Fz)	Type	Freq(Fz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	10.60009G	-69.35	-72.46	-72.26
7G	18G	1M	AV	15.6735G	-63.25	-66.61	-65.93
7G	18G	1M	AV	15.74466G	-62.31	-64.95	-65.72
18G	40G	1M	AV	39.99636G	-54.99	-57.94	-58.07



5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

CSE [PK]

5290MHz

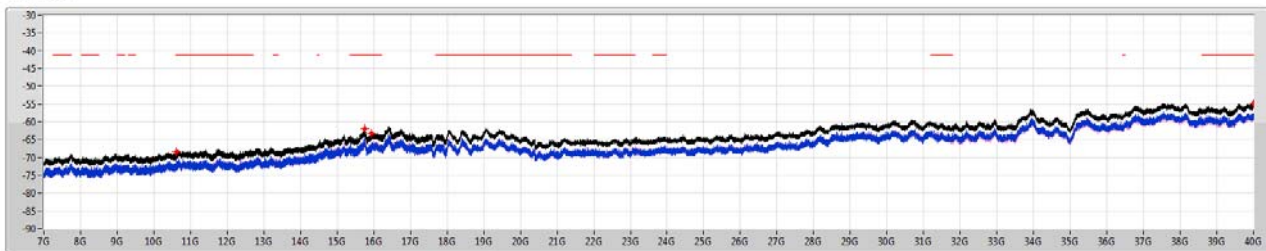


F-Start(Fz)	F-Stop(Fz)	RBW(Bz)	Type	Freq(Fz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	10.575G	-61.18	-66.17	-62.84
7G	18G	1M	PK	15.89316G	-55.21	-56.73	-60.51
7G	18G	1M	PK	16.39538G	-53.34	-55.63	-57.22
18G	40G	1M	PK	37.50094G	-43.99	-47.61	-51.07

5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

CSE [AV]

5290MHz



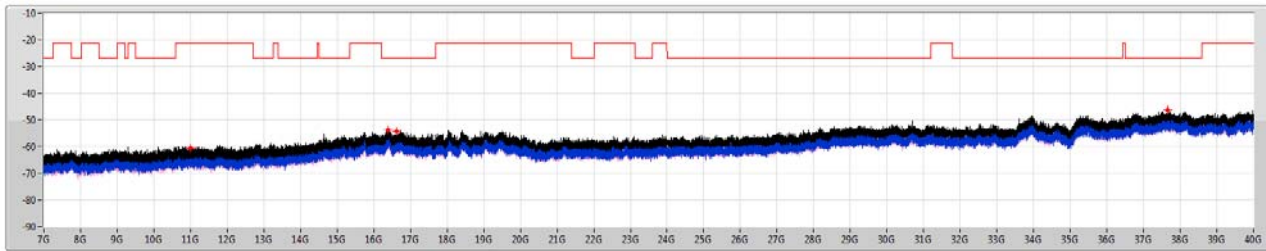
F-Start(Fz)	F-Stop(Fz)	RBW(Bz)	Type	Freq(Fz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	10.61694G	-68.40	-70.62	-72.37
7G	18G	1M	AV	15.74569G	-61.93	-64.02	-66.12
7G	18G	1M	AV	15.94197G	-63.23	-66.17	-66.32
18G	40G	1M	AV	39.99931G	-54.90	-57.78	-58.01



5.47-5.725GHz_802.11ax_HEW80_Nss1,(MC50)_2TX

CSE [PK]

5530MHz

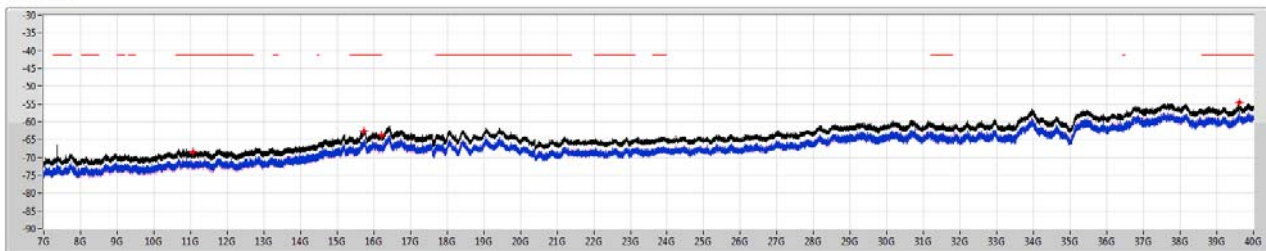


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	10.99266G	-60.32	-62.66	-61.63
7G	18G	1M	PK	16.40329G	-53.67	-55.09	-59.22
7G	18G	1M	PK	16.61916G	-54.48	-57.59	-57.39
18G	40G	1M	PK	37.66394G	-46.24	-48.86	-49.69

5.47-5.725GHz_802.11ax_HEW80_Nss1,(MC50)_2TX

CSE [AV]

5530MHz

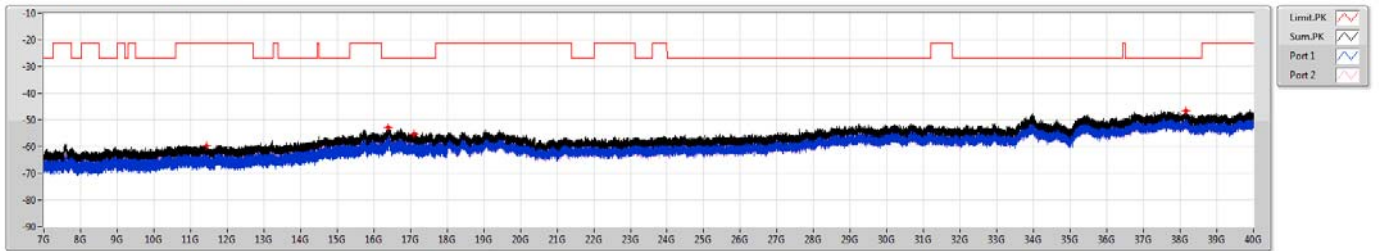


F-Start(FHz)	F-Stop(FHz)	RBW(Hz)	Type	Freq(FHz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	11.06003G	-68.47	-71.98	-71.04
7G	18G	1M	AV	15.73744G	-62.55	-65.90	-65.25
7G	18G	1M	AV	16.19978G	-63.67	-66.60	-66.76
18G	40G	1M	AV	39.61828G	-54.62	-57.03	-58.31

5.47-5.725GHz_802.11ax HEW80_Nss1,(MC50)_2TX

CSE [PK]

5690MHz Straddle 5.47-5.725GHz

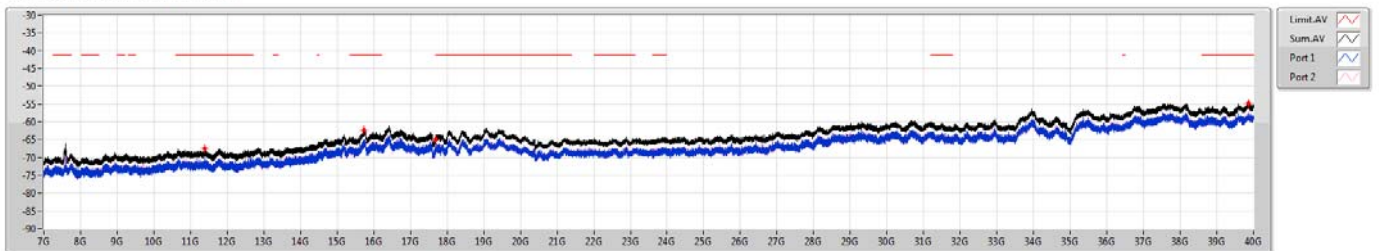


F-Start(FHz)	F-Stop(FHz)	RBW(BHz)	Type	Freq(FHz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	11.44572G	-59.80	-61.78	-61.17
7G	18G	1M	PK	16.38747G	-52.96	-55.33	-56.71
7G	18G	1M	PK	17.10213G	-55.26	-58.97	-57.67
18G	40G	1M	PK	28.16713G	-46.30	-50.49	-48.71

5.47-5.725GHz_802.11ax HEW80_Nss1,(MC50)_2TX

CSE [AV]

5690MHz Straddle 5.47-5.725GHz

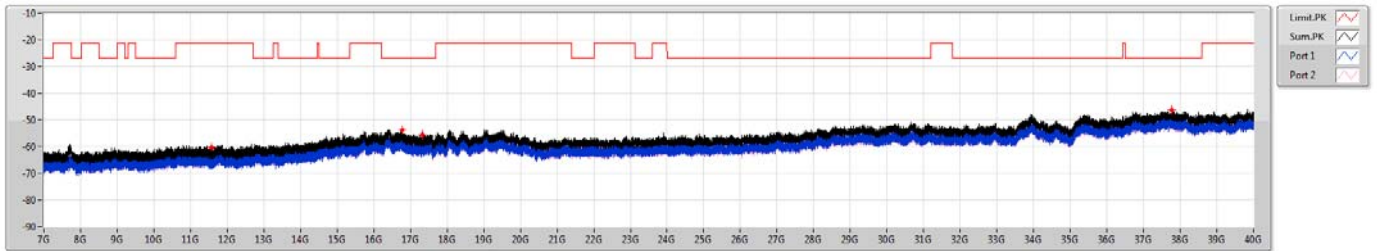


F-Start(FHz)	F-Stop(FHz)	RBW(BHz)	Type	Freq(FHz)	Prm(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	11.38006G	-67.58	-71.17	-70.08
7G	18G	1M	AV	15.73022G	-62.29	-65.43	-65.18
7G	18G	1M	AV	17.70025G	-64.84	-67.63	-68.09
18G	40G	1M	AV	29.888G	-54.79	-58.83	-57.09

5.725-5.85GHz_802.11ax_HEW80_Nss1,(MC50)_2TX

CSE [PK]

5775MHz

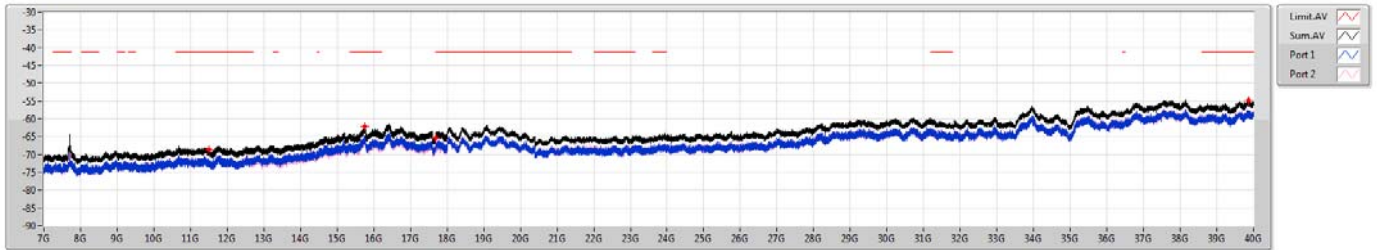


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Prm[dBm]	P1[dBm]	P2[dBm]
7G	18G	1M	PK	11.58219G	-60.41	-61.56	-66.76
7G	18G	1M	PK	16.78209G	-53.62	-55.53	-58.14
7G	18G	1M	PK	17.32247G	-55.75	-60.65	-57.45
18G	40G	1M	PK	37.76219G	-46.38	-48.78	-50.10

5.725-5.85GHz_802.11ax_HEW80_Nss1,(MC50)_2TX

CSE [AV]

5775MHz



F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Prm[dBm]	P1[dBm]	P2[dBm]
7G	18G	1M	AV	11.49488G	-68.57	-71.78	-71.39
7G	18G	1M	AV	15.75188G	-62.21	-65.16	-65.29
7G	18G	1M	AV	17.70025G	-65.40	-68.09	-68.75
18G	40G	1M	AV	39.83906G	-54.95	-58.03	-57.90



Unwanted Conducted Emissions(30M~1GHz)
- ST M.2, PCIe Module

Appendix D.5

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	GRF (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	Pass	30M	1G	PK	7.41	-83.06	-81.04	-78.92	4.7	-66.81	-55.20	-11.61
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	Pass	30M	1G	PK	7.41	-81.48	-80.88	-78.16	4.7	-66.05	-55.20	-10.85

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	GRF (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-	-	-
5580MHz	Pass	30M	1G	PK	87.42M	7.41	-83.06	-81.04	-78.92	4.7	-66.81	-55.20	-11.61
5745MHz	Pass	30M	1G	PK	66.08M	7.41	-81.48	-80.88	-78.16	4.7	-66.05	-55.20	-10.85

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



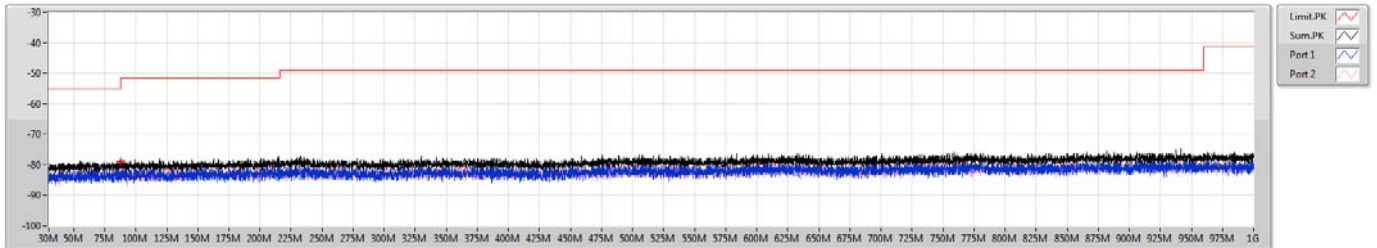
Unwanted Conducted Emissions(30M~1GHz) - ST M.2, PCIe Module

Appendix D.5

5.47-5.725GHz_802.11ax HEW20_Nss1.(MC50)_2TX

CSE Other [PK]

5580MHz

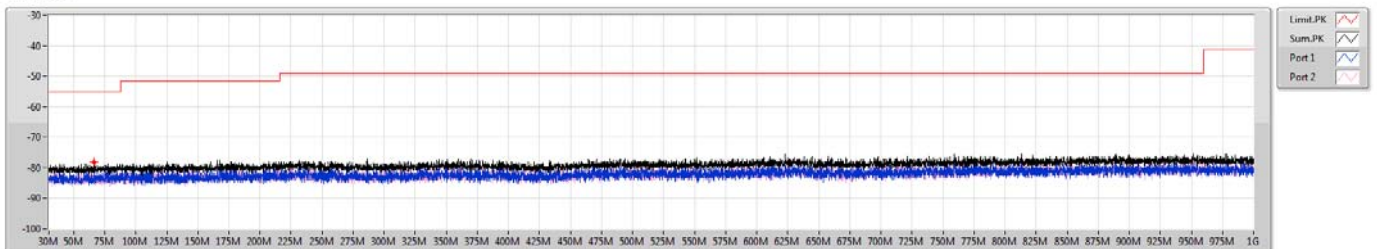


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Psum[dBm]	P1[dBm]	P2[dBm]
30M	1G	100k	PK	87.42M	-78.92	-83.06	-81.04

5.725-5.85GHz_802.11ax HEW20_Nss1.(MC50)_2TX

CSE Other [PK]

5745MHz



F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Psum[dBm]	P1[dBm]	P2[dBm]
30M	1G	100k	PK	66.08M	-78.16	-81.48	-80.88

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	Pass	1G	4.5G	AV	7.41	-73.49	-74.32	-70.87	-63.46	-41.20	-22.26
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	Pass	1G	4.5G	AV	7.41	-74.27	-73.99	-71.12	-63.71	-41.20	-22.51
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	Pass	1G	4.5G	AV	7.41	-73.72	-74.84	-71.23	-63.82	-41.20	-22.62
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	Pass	1G	4.5G	AV	7.41	-74.54	-74.26	-71.39	-63.98	-41.20	-22.78

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-	-
5320MHz	Pass	1G	4.5G	AV	4.26638G	7.41	-74.27	-73.99	-71.12	-63.71	-41.20	-22.51
5320MHz	Pass	1G	4.5G	PK	4.45363G	7.41	-62.63	-65.84	-60.93	-53.52	-27.00	-26.52
5500MHz	Pass	1G	4.5G	AV	4.26506G	7.41	-73.72	-74.84	-71.23	-63.82	-41.20	-22.62
5500MHz	Pass	1G	4.5G	PK	4.41075G	7.41	-65.50	-63.26	-61.23	-53.82	-27.00	-26.82
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	1G	4.5G	AV	4.24188G	7.41	-73.49	-74.32	-70.87	-63.46	-41.20	-22.26
5210MHz	Pass	1G	4.5G	PK	3.30125G	7.41	-62.75	-64.63	-60.58	-53.17	-27.00	-26.17
5775MHz	Pass	1G	4.5G	AV	4.24538G	7.41	-74.54	-74.26	-71.39	-63.98	-41.20	-22.78
5775MHz	Pass	1G	4.5G	PK	3.28025G	7.41	-63.79	-65.85	-61.69	-54.28	-27.00	-27.28

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



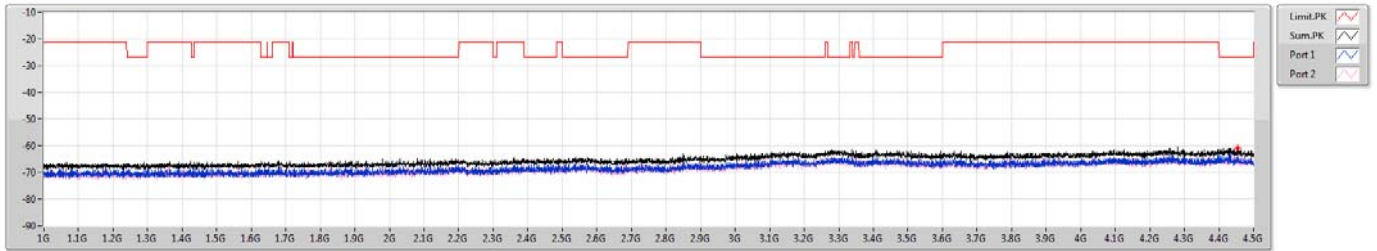
Unwanted Conducted Emissions(1G~4.5GHz) - ST M.2, PCIe Module

Appendix D.6

5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

CSE Other [PK]

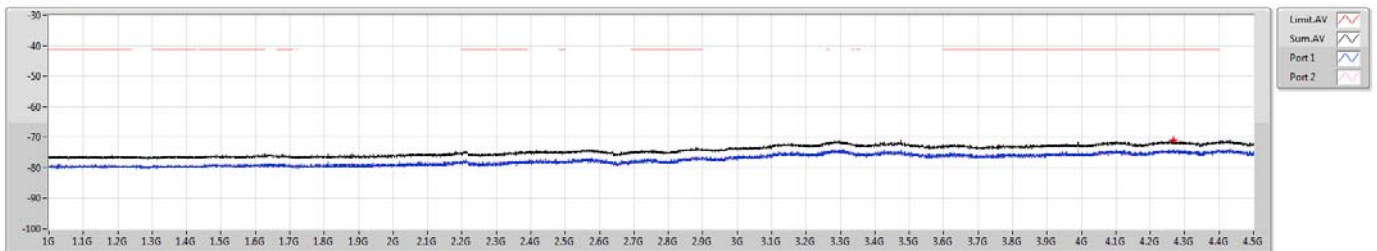
5320MHz



5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

CSE Other [AV]

5320MHz





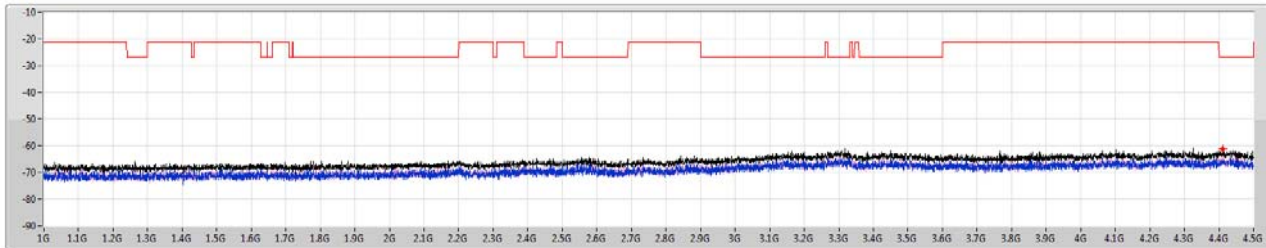
Unwanted Conducted Emissions(1G~4.5GHz) - ST M.2, PCIe Module

Appendix D.6

5.47-5.725GHz_802.11ax HEW20_Nss1.(MCS0)_2TX

CSE Other [PK]

5500MHz

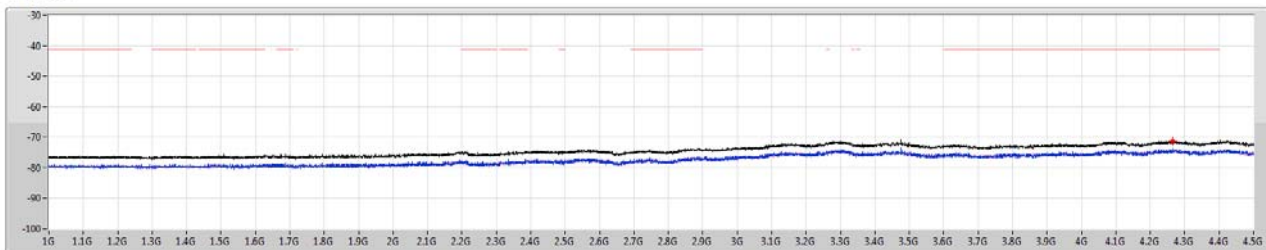


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Psum[dBm]	P1[dBm]	P2[dBm]
1G	4.5G	1M	PK	4.41075G	-61.23	-65.50	-63.26

5.47-5.725GHz_802.11ax HEW20_Nss1.(MCS0)_2TX

CSE Other [AV]

5500MHz



F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Psum[dBm]	P1[dBm]	P2[dBm]
1G	4.5G	1M	AV	4.28506G	-71.23	-73.72	-74.84



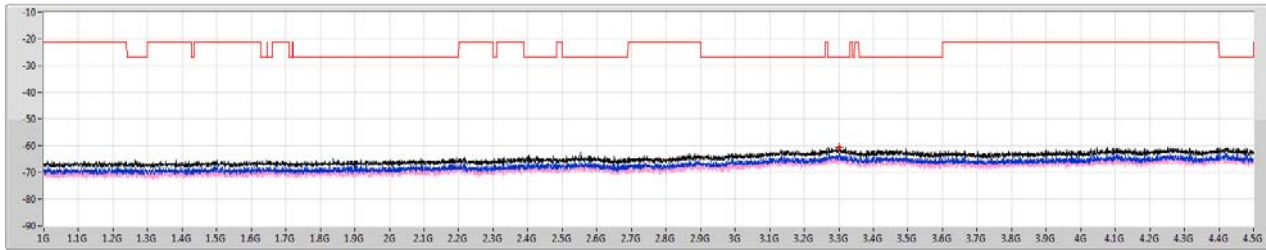
Unwanted Conducted Emissions(1G~4.5GHz) - ST M.2, PCIe Module

Appendix D.6

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

CSE Other [PK]

5210MHz

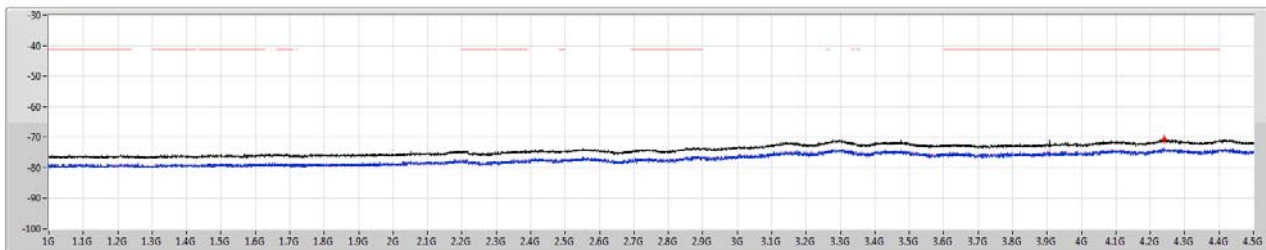


F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Ps[dBm]	P1[dBm]	P2[dBm]
1G	4.5G	1M	PK	3.30125G	-60.58	-62.75	-64.63

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

CSE Other [AV]

5210MHz



F-Start[Hz]	F-Stop[Hz]	RBW[Hz]	Type	Freq[Hz]	Ps[dBm]	P1[dBm]	P2[dBm]
1G	4.5G	1M	AV	4.24188G	-70.87	-73.49	-74.32



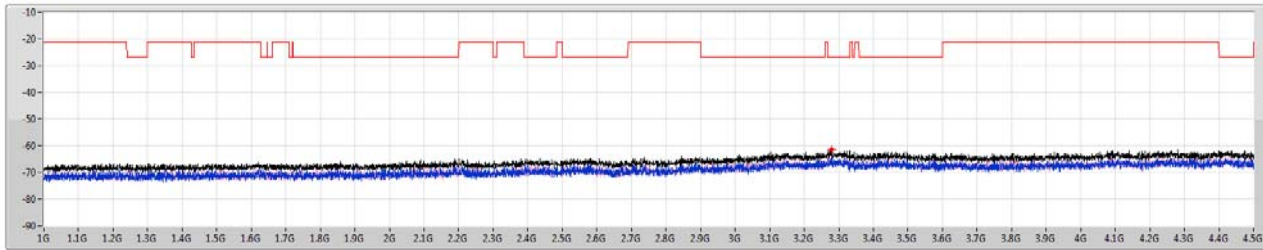
Unwanted Conducted Emissions(1G~4.5GHz) - ST M.2, PCIe Module

Appendix D.6

5.725-5.85GHz_802.11ax HEW80_Nss1.(MCS0)_2TX

CSE Other [PK]

5775MHz

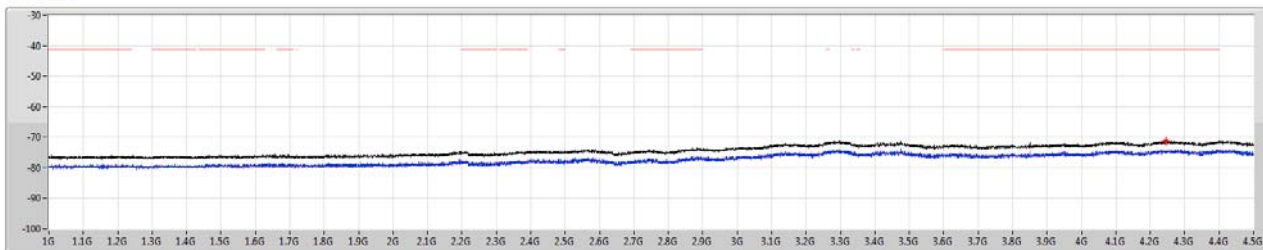


F-Start(FHz)	F-Stop(FHz)	RBW(FHz)	Type	Freq(FHz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	PK	3.28025G	-61.69	-63.79	-65.85

5.725-5.85GHz_802.11ax HEW80_Nss1.(MCS0)_2TX

CSE Other [AV]

5775MHz



F-Start(FHz)	F-Stop(FHz)	RBW(FHz)	Type	Freq(FHz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.5G	1M	AV	4.2438G	-71.39	-74.54	-74.26



Unwanted Conducted Emissions(4.5~7GHz)
- ST M.2, PCIe Module

Appendix D.7

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	Pass	5.1G	5.15G	AV	5.14995G	7.41	-54.89	-54.53	-51.70	-44.29	-41.20	-3.09
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	Pass	5.35G	5.38G	AV	5.35063G	7.41	-55.03	-54.67	-51.84	-44.43	-41.20	-3.23
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	Pass	5.46G	5.47G	PK	5.46995G	7.41	-39.06	-40.23	-36.60	-29.19	-27.00	-2.19
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	Pass	5.6G	5.65G	PK	5.64665G	7.41	-44.46	-42.37	-40.28	-32.87	-27.00	-5.87

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-	-
5320MHz	Pass	4.5G	5.1G	AV	4.9797G	7.41	-58.88	-58.59	-55.72	-48.31	-41.20	-7.11
5320MHz	Pass	5.1G	5.15G	AV	5.1437G	7.41	-58.33	-57.82	-55.06	-47.65	-41.20	-6.45
5320MHz	Pass	5.35G	5.38G	AV	5.35063G	7.41	-55.03	-54.67	-51.84	-44.43	-41.20	-3.23
5320MHz	Pass	5.38G	7G	AV	5.39094G	7.41	-57.92	-57.66	-54.78	-47.37	-41.20	-6.17
5320MHz	Pass	4.5G	5.1G	PK	5.0085G	7.41	-47.83	-48.98	-45.36	-37.95	-21.20	-16.75
5320MHz	Pass	5.1G	5.15G	PK	5.14475G	7.41	-45.99	-48.47	-44.05	-36.64	-21.20	-15.44
5320MHz	Pass	5.35G	5.38G	PK	5.35132G	7.41	-43.75	-41.90	-39.72	-32.31	-21.20	-11.11
5320MHz	Pass	5.38G	7G	PK	6.95464G	7.41	-44.15	-48.81	-42.87	-35.46	-27.00	-8.46
5500MHz	Pass	4.5G	5.35G	AV	5.35G	7.41	-58.65	-57.85	-55.22	-47.81	-41.20	-6.61
5500MHz	Pass	5.35G	5.47G	AV	5.45992G	7.41	-57.29	-56.82	-54.04	-46.63	-41.20	-5.43
5500MHz	Pass	4.5G	5.35G	PK	5.17278G	7.41	-49.36	-47.25	-45.17	-37.76	-27.00	-10.76
5500MHz	Pass	5.35G	5.46G	PK	5.46G	7.41	-45.10	-44.87	-41.97	-34.56	-21.20	-13.36
5500MHz	Pass	5.46G	5.47G	PK	5.46995G	7.41	-39.06	-40.23	-36.60	-29.19	-27.00	-2.19
5500MHz	Pass	5.725G	5.75G	PK	5.73603G	7.41	-45.82	-45.26	-42.52	-35.11	-27.00	-8.11
5500MHz	Pass	5.75G	7G	PK	6.83938G	7.41	-46.67	-45.32	-42.93	-35.52	-27.00	-8.52
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	4.5G	5.1G	AV	5.0934G	7.41	-57.74	-57.05	-54.37	-46.96	-41.20	-5.76
5210MHz	Pass	5.1G	5.15G	AV	5.14995G	7.41	-54.89	-54.53	-51.70	-44.29	-41.20	-3.09
5210MHz	Pass	5.35G	5.38G	AV	5.37292G	7.41	-57.70	-56.95	-54.30	-46.89	-41.20	-5.69
5210MHz	Pass	5.38G	7G	AV	5.40066G	7.41	-57.86	-57.33	-54.58	-47.17	-41.20	-5.97
5210MHz	Pass	4.5G	5.1G	PK	5.0112G	7.41	-49.90	-46.02	-44.53	-37.12	-21.20	-15.92
5210MHz	Pass	5.1G	5.15G	PK	5.14805G	7.41	-45.47	-43.84	-41.57	-34.16	-21.20	-12.96
5210MHz	Pass	5.35G	5.38G	PK	5.36656G	7.41	-48.50	-44.17	-42.81	-35.40	-21.20	-14.20



Unwanted Conducted Emissions(4.5~7GHz)
- ST M.2, PCIe Module

Appendix D.7

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5210MHz	Pass	5.38G	7G	PK	6.9838G	7.41	-44.39	-47.17	-42.55	-35.14	-27.00	-8.14
5775MHz	Pass	4.5G	5.6G	AV	5.39925G	7.41	-57.63	-57.89	-54.75	-47.34	-41.20	-6.14
5775MHz	Pass	4.5G	5.6G	PK	5.59633G	7.41	-45.10	-47.53	-43.14	-35.73	-27.00	-8.73
5775MHz	Pass	5.6G	5.65G	PK	5.64665G	7.41	-44.46	-42.37	-40.28	-32.87	-27.00	-5.87
5775MHz	Pass	5.65G	5.7G	PK	5.65035G	7.41	-43.79	-44.14	-40.95	-33.54	-26.74	-6.80
5775MHz	Pass	5.7G	5.72G	PK	5.70262G	7.41	-36.02	-40.63	-34.73	-27.32	10.73	-38.05
5775MHz	Pass	5.72G	5.725G	PK	5.72008G	7.41	-40.62	-35.96	-34.68	-27.27	15.77	-43.04
5775MHz	Pass	5.85G	5.855G	PK	5.85491G	7.41	-36.82	-36.05	-33.41	-26.00	15.82	-41.82
5775MHz	Pass	5.855G	5.875G	PK	5.87222G	7.41	-37.60	-37.82	-34.70	-27.29	10.78	-38.07
5775MHz	Pass	5.875G	5.925G	PK	5.925G	7.41	-45.44	-45.07	-42.24	-34.83	-27.00	-7.83
5775MHz	Pass	5.925G	7G	PK	5.93091G	7.41	-47.56	-43.94	-42.37	-34.96	-27.00	-7.96

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



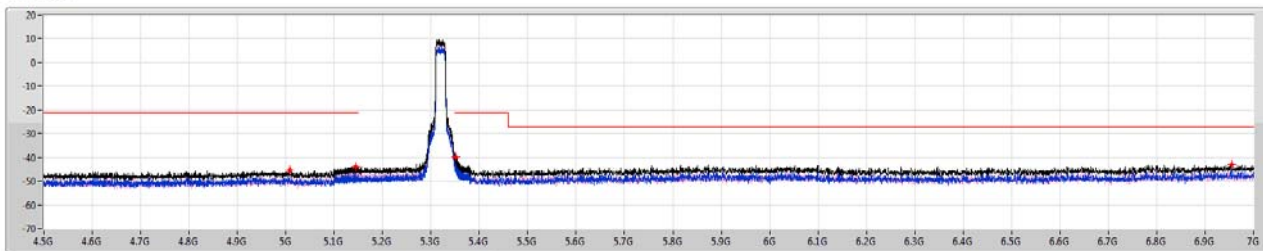
Unwanted Conducted Emissions(4.5~7GHz) - ST M.2, PCIe Module

Appendix D.7

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

5320MHz



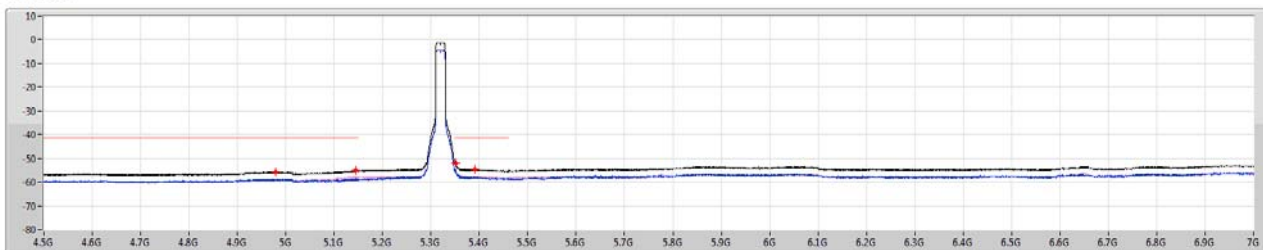
Limit.PK
Sum.PK
Port 1
Port 2

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.1G	1M	PK	5.0085G	-45.36	-47.83	-48.98
5.1G	5.15G	1M	PK	5.14475G	-44.05	-45.99	-48.47
5.35G	5.38G	1M	PK	5.35132G	-39.72	-43.75	-41.90
5.39G	7G	1M	PK	6.99484G	-42.87	-44.13	-48.81

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

5320MHz



Limit.AV
Sum.AV
Port 1
Port 2

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.1G	1M	AV	4.9797G	-55.72	-58.88	-58.59
5.1G	5.15G	1M	AV	5.1437G	-55.06	-58.33	-57.82
5.35G	5.38G	1M	AV	5.35063G	-51.84	-55.03	-54.67
5.39G	7G	1M	AV	5.99294G	-54.78	-57.92	-57.66



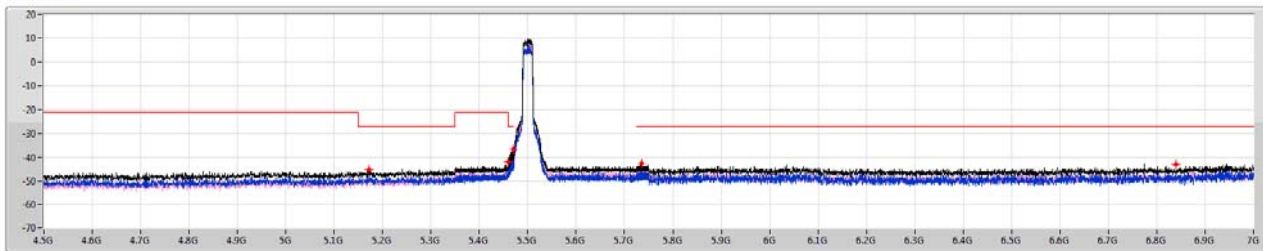
Unwanted Conducted Emissions(4.5~7GHz) - ST M.2, PCIe Module

Appendix D.7

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

5500MHz



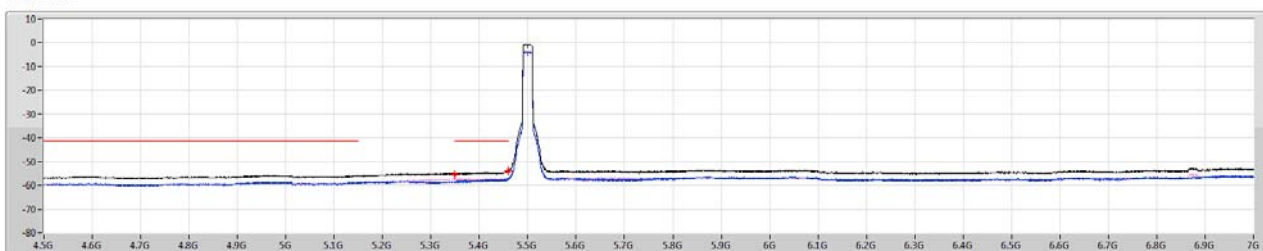
Limit_PK
Sum_PK
Port 1
Port 2

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.35G	1M	PK	5.17278G	-45.17	-49.36	-47.25
5.35G	5.46G	1M	PK	5.48G	-41.97	-45.10	-44.87
5.46G	5.47G	1M	PK	5.46999G	-38.60	-39.06	-40.23
5.725G	5.75G	1M	PK	5.73603G	-42.52	-45.82	-45.26
5.75G	7G	1M	PK	6.83938G	-47.93	-46.67	-45.32

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

5500MHz



Limit_AV
Sum_AV
Port 1
Port 2

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.35G	1M	AV	5.35G	-55.22	-58.65	-57.85
5.35G	5.47G	1M	AV	5.45992G	-54.04	-57.29	-56.82



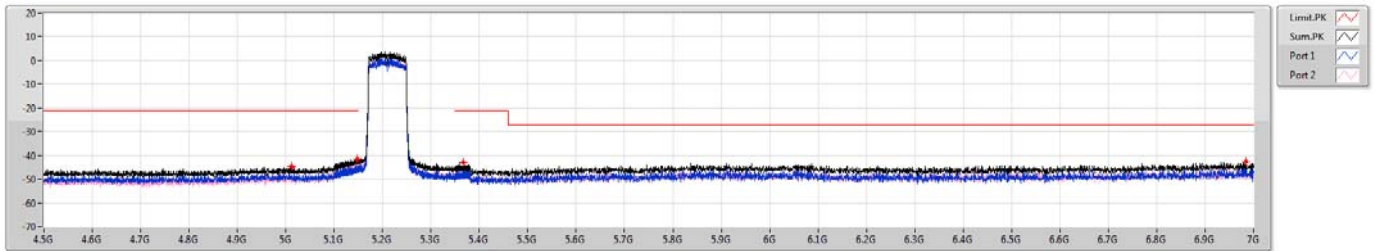
Unwanted Conducted Emissions(4.5~7GHz) - ST M.2, PCIe Module

Appendix D.7

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

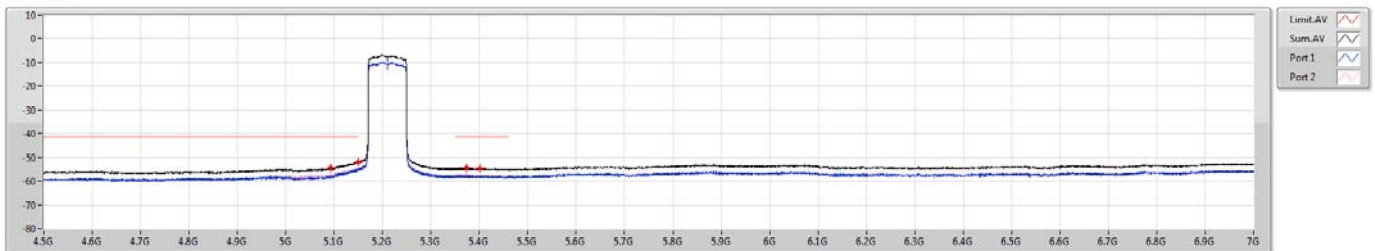
5210MHz



5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

5210MHz





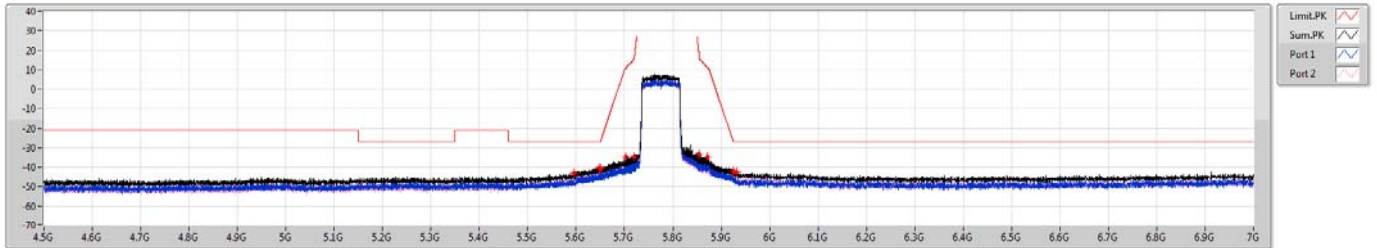
Unwanted Conducted Emissions(4.5~7GHz) - ST M.2, PCIe Module

Appendix D.7

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

5775MHz

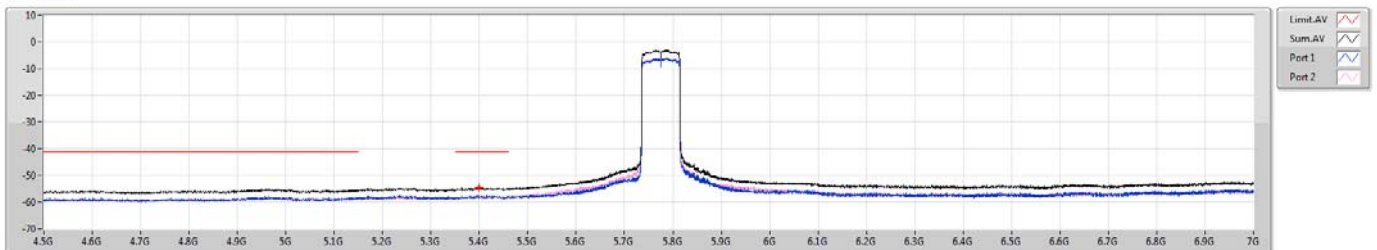


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.6G	1M	PK	5.59633G	-43.14	-45.10	-47.53
5.6G	5.65G	1M	PK	5.64665G	-40.20	-44.46	-42.37
5.65G	5.7G	1M	PK	5.69355G	-40.95	-45.79	-44.14
5.7G	5.72G	1M	PK	5.7062G	-34.73	-36.02	-40.63
5.72G	5.725G	1M	PK	5.72008G	-34.68	-40.62	-35.96
5.85G	5.855G	1M	PK	5.85491G	33.41	36.82	-36.05
5.855G	5.875G	1M	PK	5.87222G	-34.70	-37.60	-37.82
5.875G	5.925G	1M	PK	5.925G	-42.34	-45.44	-45.07
5.925G	7G	7G	PK	5.93091G	-42.37	-47.56	-43.94

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

5775MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
4.5G	5.6G	1M	AV	5.39925G	-54.75	-57.83	-57.89

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	Pass	18G	40G	AV	7.41	-57.59	-57.98	-54.77	-47.36	-41.20	-6.16
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	Pass	18G	40G	AV	7.41	-57.96	-57.33	-54.62	-47.21	-41.20	-6.01
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	Pass	18G	40G	AV	7.41	-58.46	-57.65	-55.03	-47.62	-41.20	-6.42
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	Pass	18G	40G	AV	7.41	-57.62	-58.01	-54.80	-47.39	-41.20	-6.19

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-	-
5320MHz	Pass	7G	18G	AV	10.63584G	7.41	-69.75	-69.89	-66.81	-59.40	-41.20	-18.20
5320MHz	Pass	7G	18G	AV	15.74981G	7.41	-65.86	-64.59	-62.17	-54.76	-41.20	-13.56
5320MHz	Pass	7G	18G	AV	15.95572G	7.41	-65.39	-66.89	-63.07	-55.66	-41.20	-14.46
5320MHz	Pass	18G	40G	AV	39.88038G	7.41	-57.96	-57.33	-54.62	-47.21	-41.20	-6.01
5320MHz	Pass	7G	18G	PK	10.64684G	7.41	-59.03	-62.82	-57.51	-50.10	-21.20	-28.90
5320MHz	Pass	7G	18G	PK	15.97084G	7.41	-58.04	-58.76	-55.37	-47.96	-21.20	-26.76
5320MHz	Pass	7G	18G	PK	16.41188G	7.41	-57.40	-54.68	-52.82	-45.41	-27.00	-18.41
5320MHz	Pass	18G	40G	PK	37.59238G	7.41	-49.98	-48.58	-46.21	-38.80	-27.00	-11.80
5500MHz	Pass	7G	18G	AV	11.00228G	7.41	-69.10	-71.04	-66.95	-59.54	-41.20	-18.34
5500MHz	Pass	7G	18G	AV	15.74363G	7.41	-65.24	-65.24	-62.23	-54.82	-41.20	-13.62
5500MHz	Pass	7G	18G	AV	16.19978G	7.41	-67.87	-67.34	-64.59	-57.18	-41.20	-15.98
5500MHz	Pass	18G	40G	AV	39.87419G	7.41	-58.46	-57.65	-55.03	-47.62	-41.20	-6.42
5500MHz	Pass	7G	18G	PK	10.99988G	7.41	-61.72	-61.84	-58.77	-51.36	-21.20	-30.16
5500MHz	Pass	7G	18G	PK	16.42253G	7.41	-56.18	-56.28	-53.22	-45.81	-27.00	-18.81
5500MHz	Pass	7G	18G	PK	16.48922G	7.41	-60.46	-57.23	-55.54	-48.13	-27.00	-21.13
5500MHz	Pass	18G	40G	PK	37.50919G	7.41	-50.51	-47.84	-45.96	-38.55	-27.00	-11.55
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	7G	18G	AV	10.60009G	7.41	-72.14	-71.03	-68.54	-61.13	-41.20	-19.93
5210MHz	Pass	7G	18G	AV	15.6845G	7.41	-67.33	-65.59	-63.36	-55.95	-41.20	-14.75
5210MHz	Pass	7G	18G	AV	15.74878G	7.41	-65.11	-65.65	-62.36	-54.95	-41.20	-13.75
5210MHz	Pass	18G	40G	AV	39.81713G	7.41	-57.59	-57.98	-54.77	-47.36	-41.20	-6.16
5210MHz	Pass	7G	18G	PK	10.37425G	7.41	-61.60	-64.83	-59.91	-52.50	-27.00	-25.50
5210MHz	Pass	7G	18G	PK	15.68725G	7.41	-60.22	-57.35	-55.54	-48.13	-21.20	-26.93
5210MHz	Pass	7G	18G	PK	16.42356G	7.41	-57.19	-55.58	-53.30	-45.89	-27.00	-18.89



Unwanted Conducted Emissions(7G~40G)
- ST M.2, PCIe Module

Appendix D.8

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5210MHz	Pass	18G	40G	PK	37.48925G	7.41	-48.75	-50.36	-46.47	-39.06	-27.00	-12.06
5775MHz	Pass	7G	18G	AV	11.55984G	7.41	-71.32	-72.03	-68.65	-61.24	-41.20	-20.04
5775MHz	Pass	7G	18G	AV	15.74706G	7.41	-65.74	-65.35	-62.53	-55.12	-41.20	-13.92
5775MHz	Pass	7G	18G	AV	17.70025G	7.41	-67.69	-67.10	-64.37	-56.96	-41.20	-15.76
5775MHz	Pass	18G	40G	AV	39.84806G	7.41	-57.62	-58.01	-54.80	-47.39	-41.20	-6.19
5775MHz	Pass	7G	18G	PK	11.51825G	7.41	-62.34	-64.02	-60.09	-52.68	-21.20	-31.48
5775MHz	Pass	7G	18G	PK	16.40638G	7.41	-55.41	-57.31	-53.25	-45.84	-27.00	-18.84
5775MHz	Pass	7G	18G	PK	17.29703G	7.41	-57.76	-59.31	-55.46	-48.05	-27.00	-21.05
5775MHz	Pass	18G	40G	PK	37.7835G	7.41	-46.86	-50.80	-45.39	-37.98	-27.00	-10.98

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



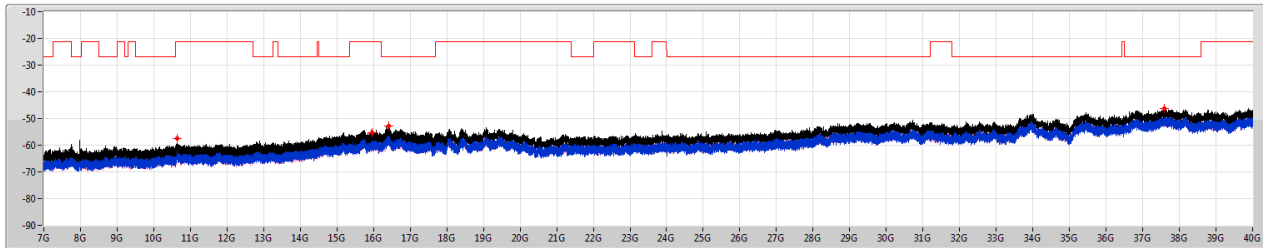
Unwanted Conducted Emissions(7G~40G) - ST M.2, PCIe Module

Appendix D.8

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE [PK]

5320MHz



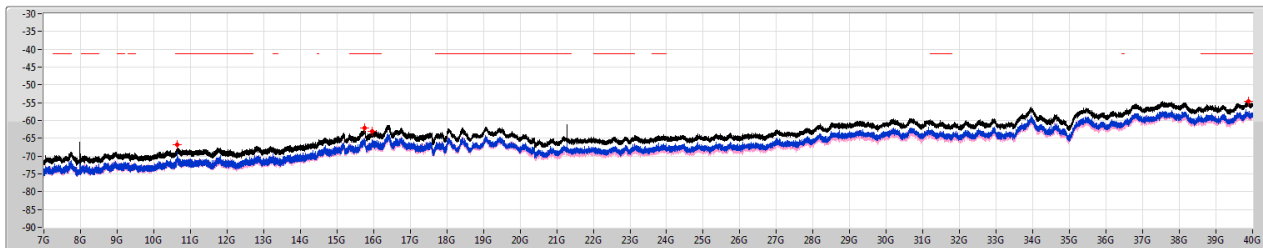
Limit.PK
Sum.PK
Port 1
Port 2

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	10.64684G	-57.51	-59.03	-62.82
7G	18G	1M	PK	15.97084G	-55.37	-58.04	-58.76
7G	18G	1M	PK	16.41188G	-52.82	-57.40	-54.68
18G	40G	1M	PK	37.59238G	-46.21	-49.98	-48.58

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE [AV]

5320MHz



Limit.AV
Sum.AV
Port 1
Port 2

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	10.63584G	-66.81	-69.75	-69.89
7G	18G	1M	AV	15.74981G	-62.17	-65.86	-64.59
7G	18G	1M	AV	15.95572G	-63.07	-65.39	-66.89
18G	40G	1M	AV	39.88038G	-54.62	-57.96	-57.33



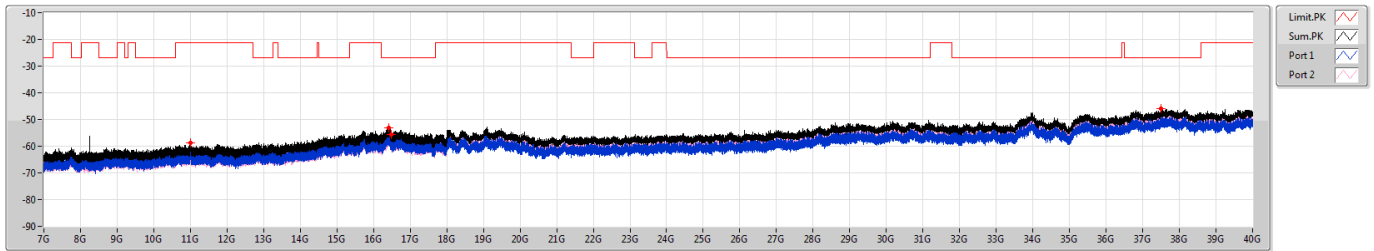
Unwanted Conducted Emissions(7G~40G) - ST M.2, PCIe Module

Appendix D.8

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE [PK]

5500MHz

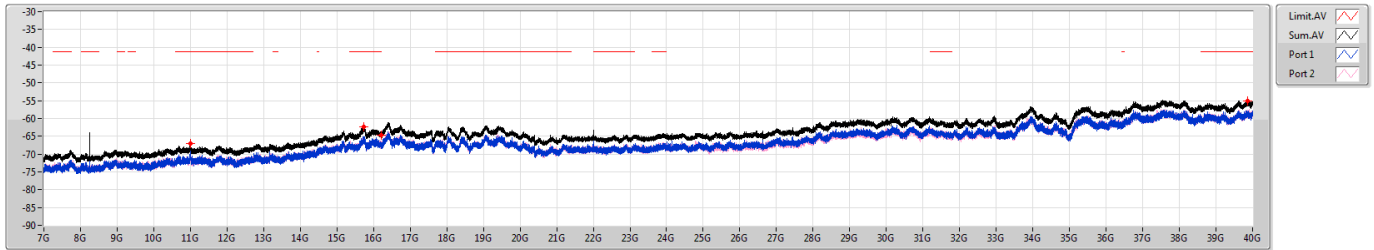


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	10.99988G	-58.77	-61.72	-61.84
7G	18G	1M	PK	16.42253G	-53.22	-56.18	-56.28
7G	18G	1M	PK	16.48922G	-55.54	-60.46	-57.23
18G	40G	1M	PK	37.50919G	-45.96	-50.51	-47.84

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE [AV]

5500MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	11.00228G	-66.95	-69.10	-71.04
7G	18G	1M	AV	15.74363G	-62.23	-65.24	-65.24
7G	18G	1M	AV	16.19978G	-64.59	-67.87	-67.34
18G	40G	1M	AV	39.87419G	-55.03	-58.46	-57.65



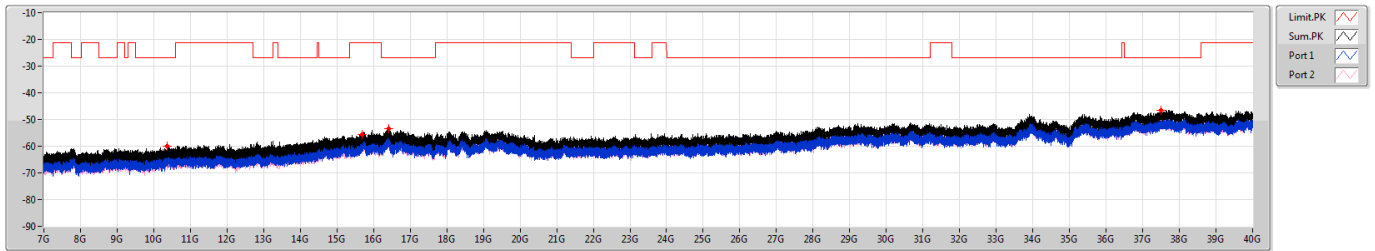
Unwanted Conducted Emissions(7G~40G) - ST M.2, PCIe Module

Appendix D.8

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

CSE [PK]

5210MHz

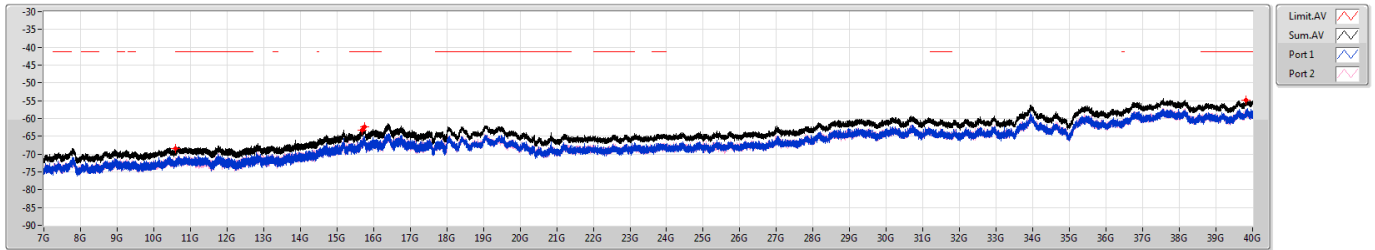


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	10.37425G	-59.91	-61.60	-64.83
7G	18G	1M	PK	15.68725G	-55.54	-60.22	-57.35
7G	18G	1M	PK	16.42356G	-53.30	-57.19	-55.58
18G	40G	1M	PK	37.48925G	-46.47	-48.75	-50.36

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

CSE [AV]

5210MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	10.60009G	-68.54	-72.14	-71.03
7G	18G	1M	AV	15.6845G	-63.36	-67.33	-65.59
7G	18G	1M	AV	15.74878G	-62.36	-65.11	-65.65
18G	40G	1M	AV	39.81713G	-54.77	-57.59	-57.98



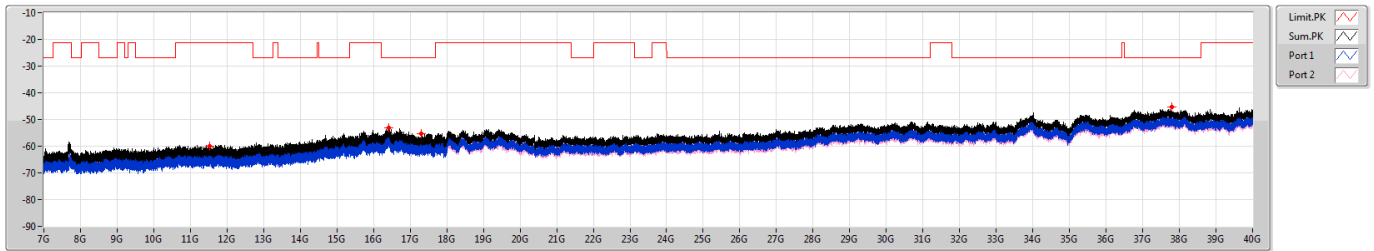
Unwanted Conducted Emissions(7G~40G) - ST M.2, PCIe Module

Appendix D.8

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

CSE [PK]

5775MHz

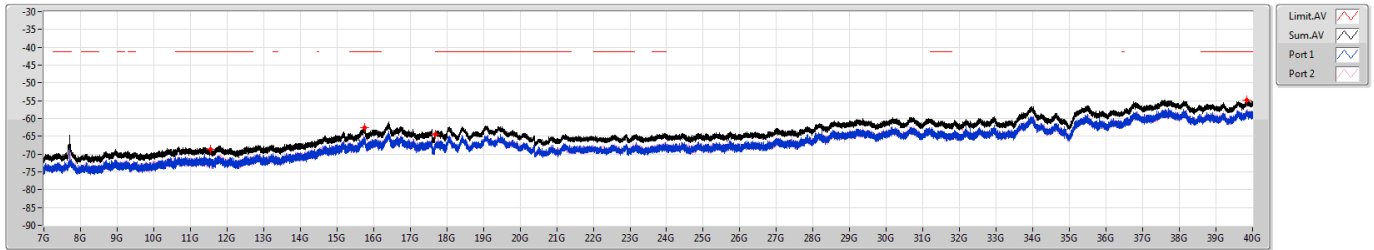


F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	PK	11.51825G	-60.09	-62.34	-64.02
7G	18G	1M	PK	16.40638G	-53.25	-55.41	-57.31
7G	18G	1M	PK	17.29703G	-55.46	-57.76	-59.31
18G	40G	1M	PK	37.7835G	-45.39	-46.86	-50.80

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

CSE [AV]

5775MHz



F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
7G	18G	1M	AV	11.55984G	-68.65	-71.32	-72.03
7G	18G	1M	AV	15.74706G	-62.53	-65.74	-65.35
7G	18G	1M	AV	17.70025G	-64.37	-67.69	-67.10
18G	40G	1M	AV	39.84806G	-54.80	-57.62	-58.01



SC Module

Unwanted Emissions (Below 1GHz)

Modulation	11a	Test Freq. (MHz)	5200
Polarization	Horizontal		
Test By :Sean Yu Temperature(°C):25 Humidity(%):61			
<div><div><div>Level (dBUV/m)</div><div><div><div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div>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Modulation	11a	Test Freq. (MHz)	5200																																																																						
Polarization	Vertical																																																																								
Test By :Sean Yu Temperature(°C):25 Humidity(%):61																																																																									
<div><div><div>Level (dBUV/m)</div><div><div>CLASS-B</div></div><div>Frequency (MHz)</div></div><table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>41.57</td><td>36.51</td><td>40.00</td><td>-3.49</td><td>45.19</td><td>-8.68</td><td>QP</td><td>100</td><td>173</td></tr><tr><td>2</td><td>132.46</td><td>38.22</td><td>43.50</td><td>-5.28</td><td>48.43</td><td>-10.21</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>192.31</td><td>35.77</td><td>43.50</td><td>-7.73</td><td>47.30</td><td>-11.53</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>4</td><td>309.27</td><td>32.84</td><td>46.00</td><td>-13.16</td><td>40.73</td><td>-7.89</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>389.64</td><td>33.01</td><td>46.00</td><td>-12.99</td><td>38.81</td><td>-5.80</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>6</td><td>449.51</td><td>35.64</td><td>46.00</td><td>-10.36</td><td>39.87</td><td>-4.23</td><td>Peak</td><td>---</td><td>---</td></tr></tbody></table></div>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	41.57	36.51	40.00	-3.49	45.19	-8.68	QP	100	173	2	132.46	38.22	43.50	-5.28	48.43	-10.21	Peak	---	---	3	192.31	35.77	43.50	-7.73	47.30	-11.53	Peak	---	---	4	309.27	32.84	46.00	-13.16	40.73	-7.89	Peak	---	---	5	389.64	33.01	46.00	-12.99	38.81	-5.80	Peak	---	---	6	449.51	35.64	46.00	-10.36	39.87	-4.23	Peak	---	---
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
1	41.57	36.51	40.00	-3.49	45.19	-8.68	QP	100	173																																																																
2	132.46	38.22	43.50	-5.28	48.43	-10.21	Peak	---	---																																																																
3	192.31	35.77	43.50	-7.73	47.30	-11.53	Peak	---	---																																																																
4	309.27	32.84	46.00	-13.16	40.73	-7.89	Peak	---	---																																																																
5	389.64	33.01	46.00	-12.99	38.81	-5.80	Peak	---	---																																																																
6	449.51	35.64	46.00	-10.36	39.87	-4.23	Peak	---	---																																																																
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m). Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.																																																																									



Modulation	ax HE40		Test Freq. (MHz)		5755	
Polarization	Horizontal					
Test By :Sean Yu Temperature(°C):25 Humidity(%):61						
<div><div><div>Level (dBuV/m)</div><div><div><div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div>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Modulation	ax HE40		Test Freq. (MHz)		5755	
Polarization	Vertical					
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Unwanted Emissions (Above 1GHz) for 11a

Modulation	11a	Test Freq. (MHz)	5180
Polarization	Horizontal		
Test By :Paul Lin Temperature(°C):25 Humidity(%):62			
<div><div><div>Level (dBuV/m)</div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div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Modulation	11a	Test Freq. (MHz)	5180																																																												
Polarization	Vertical																																																														
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																															
<div></div> <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>4000.00</td><td>44.31</td><td>54.00</td><td>-9.69</td><td>46.55</td><td>-2.24</td><td>Average</td><td>302</td><td>201</td></tr><tr><td>2</td><td>4000.00</td><td>51.16</td><td>74.00</td><td>-22.84</td><td>53.40</td><td>-2.24</td><td>Peak</td><td>302</td><td>201</td></tr><tr><td>3</td><td>10360.00</td><td>55.93</td><td>68.20</td><td>-12.27</td><td>48.92</td><td>7.01</td><td>Peak</td><td>100</td><td>225</td></tr><tr><td>4</td><td>15540.00</td><td>43.32</td><td>54.00</td><td>-10.68</td><td>39.27</td><td>4.05</td><td>Average</td><td>100</td><td>179</td></tr><tr><td>5</td><td>15540.00</td><td>57.51</td><td>74.00</td><td>-16.49</td><td>53.46</td><td>4.05</td><td>Peak</td><td>100</td><td>179</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4000.00	44.31	54.00	-9.69	46.55	-2.24	Average	302	201	2	4000.00	51.16	74.00	-22.84	53.40	-2.24	Peak	302	201	3	10360.00	55.93	68.20	-12.27	48.92	7.01	Peak	100	225	4	15540.00	43.32	54.00	-10.68	39.27	4.05	Average	100	179	5	15540.00	57.51	74.00	-16.49	53.46	4.05	Peak	100	179
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																						
1	4000.00	44.31	54.00	-9.69	46.55	-2.24	Average	302	201																																																						
2	4000.00	51.16	74.00	-22.84	53.40	-2.24	Peak	302	201																																																						
3	10360.00	55.93	68.20	-12.27	48.92	7.01	Peak	100	225																																																						
4	15540.00	43.32	54.00	-10.68	39.27	4.05	Average	100	179																																																						
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Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																															

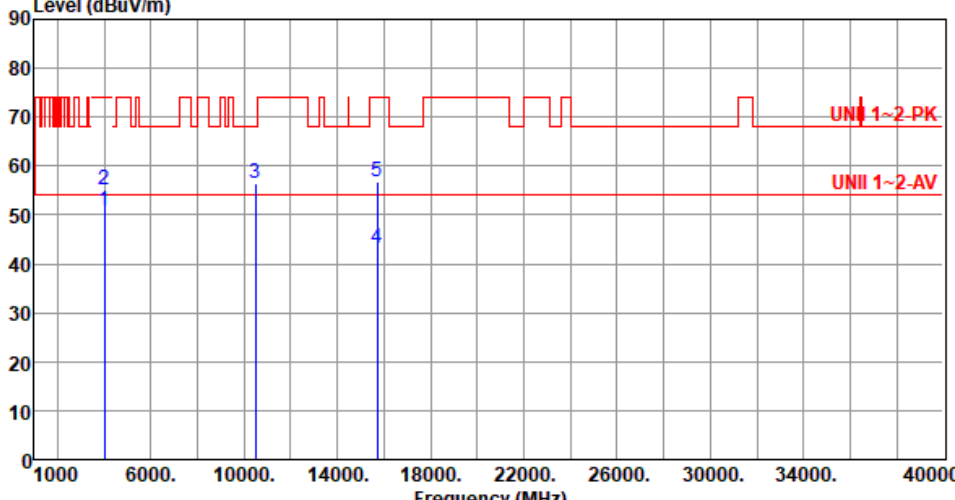


Modulation	11a	Test Freq. (MHz)	5200																																																												
Polarization	Horizontal																																																														
Test By :Sean Yu Temperature(°C):25 Humidity(%):62																																																															
<div><table><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>4000.00</td><td>50.82</td><td>54.00</td><td>-3.18</td><td>53.06</td><td>-2.24</td><td>Average</td><td>291</td><td>133</td></tr><tr><td>2</td><td>4000.00</td><td>55.02</td><td>74.00</td><td>-18.98</td><td>57.26</td><td>-2.24</td><td>Peak</td><td>291</td><td>133</td></tr><tr><td>3</td><td>10400.00</td><td>54.58</td><td>68.20</td><td>-13.62</td><td>47.47</td><td>7.11</td><td>Peak</td><td>100</td><td>106</td></tr><tr><td>4</td><td>15600.00</td><td>42.37</td><td>54.00</td><td>-11.63</td><td>38.52</td><td>3.85</td><td>Average</td><td>100</td><td>237</td></tr><tr><td>5</td><td>15600.00</td><td>56.01</td><td>74.00</td><td>-17.99</td><td>52.16</td><td>3.85</td><td>Peak</td><td>100</td><td>237</td></tr></table></div>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4000.00	50.82	54.00	-3.18	53.06	-2.24	Average	291	133	2	4000.00	55.02	74.00	-18.98	57.26	-2.24	Peak	291	133	3	10400.00	54.58	68.20	-13.62	47.47	7.11	Peak	100	106	4	15600.00	42.37	54.00	-11.63	38.52	3.85	Average	100	237	5	15600.00	56.01	74.00	-17.99	52.16	3.85	Peak	100	237
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																						
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3	10400.00	54.58	68.20	-13.62	47.47	7.11	Peak	100	106																																																						
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<div><table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>4000.00</td><td>44.41</td><td>54.00</td><td>-9.59</td><td>46.65</td><td>-2.24</td><td>Average</td><td>316</td><td>208</td></tr><tr><td>2</td><td>4000.00</td><td>51.32</td><td>74.00</td><td>-22.68</td><td>53.56</td><td>-2.24</td><td>Peak</td><td>316</td><td>208</td></tr><tr><td>3</td><td>10400.00</td><td>54.74</td><td>68.20</td><td>-13.46</td><td>47.63</td><td>7.11</td><td>Peak</td><td>100</td><td>177</td></tr><tr><td>4</td><td>15600.00</td><td>42.49</td><td>54.00</td><td>-11.51</td><td>38.64</td><td>3.85</td><td>Average</td><td>100</td><td>168</td></tr><tr><td>5</td><td>15600.00</td><td>55.91</td><td>74.00</td><td>-18.09</td><td>52.06</td><td>3.85</td><td>Peak</td><td>100</td><td>168</td></tr></table></div>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4000.00	44.41	54.00	-9.59	46.65	-2.24	Average	316	208	2	4000.00	51.32	74.00	-22.68	53.56	-2.24	Peak	316	208	3	10400.00	54.74	68.20	-13.46	47.63	7.11	Peak	100	177	4	15600.00	42.49	54.00	-11.51	38.64	3.85	Average	100	168	5	15600.00	55.91	74.00	-18.09	52.06	3.85	Peak	100	168
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																						
1	4000.00	44.41	54.00	-9.59	46.65	-2.24	Average	316	208																																																						
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3	10400.00	54.74	68.20	-13.46	47.63	7.11	Peak	100	177																																																						
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Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																															



Modulation	11a	Test Freq. (MHz)	5240																																																												
Polarization	Horizontal																																																														
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																															
<div><div><div>Level (dBuV/m)</div><div></div><div>Frequency (MHz)</div></div><table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>4000.00</td><td>50.78</td><td>54.00</td><td>-3.22</td><td>53.02</td><td>-2.24</td><td>Average</td><td>289</td><td>137</td></tr><tr><td>2</td><td>4000.00</td><td>55.18</td><td>74.00</td><td>-18.82</td><td>57.42</td><td>-2.24</td><td>Peak</td><td>289</td><td>137</td></tr><tr><td>3</td><td>10480.00</td><td>56.38</td><td>68.20</td><td>-11.82</td><td>49.21</td><td>7.17</td><td>Peak</td><td>100</td><td>208</td></tr><tr><td>4</td><td>15720.00</td><td>43.20</td><td>54.00</td><td>-10.80</td><td>39.37</td><td>3.83</td><td>Average</td><td>100</td><td>182</td></tr><tr><td>5</td><td>15720.00</td><td>56.94</td><td>74.00</td><td>-17.06</td><td>53.11</td><td>3.83</td><td>Peak</td><td>100</td><td>182</td></tr></table></div>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4000.00	50.78	54.00	-3.22	53.02	-2.24	Average	289	137	2	4000.00	55.18	74.00	-18.82	57.42	-2.24	Peak	289	137	3	10480.00	56.38	68.20	-11.82	49.21	7.17	Peak	100	208	4	15720.00	43.20	54.00	-10.80	39.37	3.83	Average	100	182	5	15720.00	56.94	74.00	-17.06	53.11	3.83	Peak	100	182
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																						
1	4000.00	50.78	54.00	-3.22	53.02	-2.24	Average	289	137																																																						
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3	10480.00	56.38	68.20	-11.82	49.21	7.17	Peak	100	208																																																						
4	15720.00	43.20	54.00	-10.80	39.37	3.83	Average	100	182																																																						
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Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																															

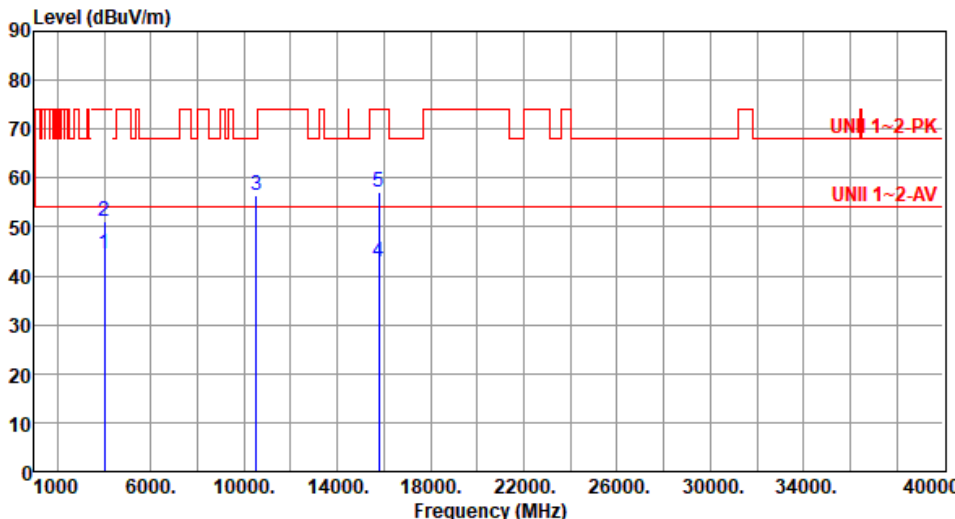


Modulation	11a	Test Freq. (MHz)	5240																																																												
Polarization	Vertical																																																														
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																															
<div><table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>4000.00</td><td>44.48</td><td>54.00</td><td>-9.52</td><td>46.72</td><td>-2.24</td><td>Average</td><td>311</td><td>208</td></tr><tr><td>2</td><td>4000.00</td><td>51.03</td><td>74.00</td><td>-22.97</td><td>53.27</td><td>-2.24</td><td>Peak</td><td>311</td><td>208</td></tr><tr><td>3</td><td>10480.00</td><td>56.44</td><td>68.20</td><td>-11.76</td><td>49.27</td><td>7.17</td><td>Peak</td><td>100</td><td>224</td></tr><tr><td>4</td><td>15720.00</td><td>43.12</td><td>54.00</td><td>-10.88</td><td>39.29</td><td>3.83</td><td>Average</td><td>100</td><td>183</td></tr><tr><td>5</td><td>15720.00</td><td>56.35</td><td>74.00</td><td>-17.65</td><td>52.52</td><td>3.83</td><td>Peak</td><td>100</td><td>183</td></tr></table></div>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4000.00	44.48	54.00	-9.52	46.72	-2.24	Average	311	208	2	4000.00	51.03	74.00	-22.97	53.27	-2.24	Peak	311	208	3	10480.00	56.44	68.20	-11.76	49.27	7.17	Peak	100	224	4	15720.00	43.12	54.00	-10.88	39.29	3.83	Average	100	183	5	15720.00	56.35	74.00	-17.65	52.52	3.83	Peak	100	183
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																						
1	4000.00	44.48	54.00	-9.52	46.72	-2.24	Average	311	208																																																						
2	4000.00	51.03	74.00	-22.97	53.27	-2.24	Peak	311	208																																																						
3	10480.00	56.44	68.20	-11.76	49.27	7.17	Peak	100	224																																																						
4	15720.00	43.12	54.00	-10.88	39.29	3.83	Average	100	183																																																						
5	15720.00	56.35	74.00	-17.65	52.52	3.83	Peak	100	183																																																						
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																															



Modulation	11a	Test Freq. (MHz)	5260																																																												
Polarization	Horizontal																																																														
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																															
<div></div> <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>4000.00</td><td>50.68</td><td>54.00</td><td>-3.32</td><td>52.92</td><td>-2.24</td><td>Average</td><td>286</td><td>133</td></tr><tr><td>2</td><td>4000.00</td><td>54.96</td><td>74.00</td><td>-19.04</td><td>57.20</td><td>-2.24</td><td>Peak</td><td>286</td><td>133</td></tr><tr><td>3</td><td>10520.00</td><td>56.30</td><td>68.20</td><td>-11.90</td><td>49.11</td><td>7.19</td><td>Peak</td><td>100</td><td>153</td></tr><tr><td>4</td><td>15780.00</td><td>42.85</td><td>54.00</td><td>-11.15</td><td>38.98</td><td>3.87</td><td>Average</td><td>100</td><td>108</td></tr><tr><td>5</td><td>15780.00</td><td>56.89</td><td>74.00</td><td>-17.11</td><td>53.02</td><td>3.87</td><td>Peak</td><td>100</td><td>108</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4000.00	50.68	54.00	-3.32	52.92	-2.24	Average	286	133	2	4000.00	54.96	74.00	-19.04	57.20	-2.24	Peak	286	133	3	10520.00	56.30	68.20	-11.90	49.11	7.19	Peak	100	153	4	15780.00	42.85	54.00	-11.15	38.98	3.87	Average	100	108	5	15780.00	56.89	74.00	-17.11	53.02	3.87	Peak	100	108
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																						
1	4000.00	50.68	54.00	-3.32	52.92	-2.24	Average	286	133																																																						
2	4000.00	54.96	74.00	-19.04	57.20	-2.24	Peak	286	133																																																						
3	10520.00	56.30	68.20	-11.90	49.11	7.19	Peak	100	153																																																						
4	15780.00	42.85	54.00	-11.15	38.98	3.87	Average	100	108																																																						
5	15780.00	56.89	74.00	-17.11	53.02	3.87	Peak	100	108																																																						
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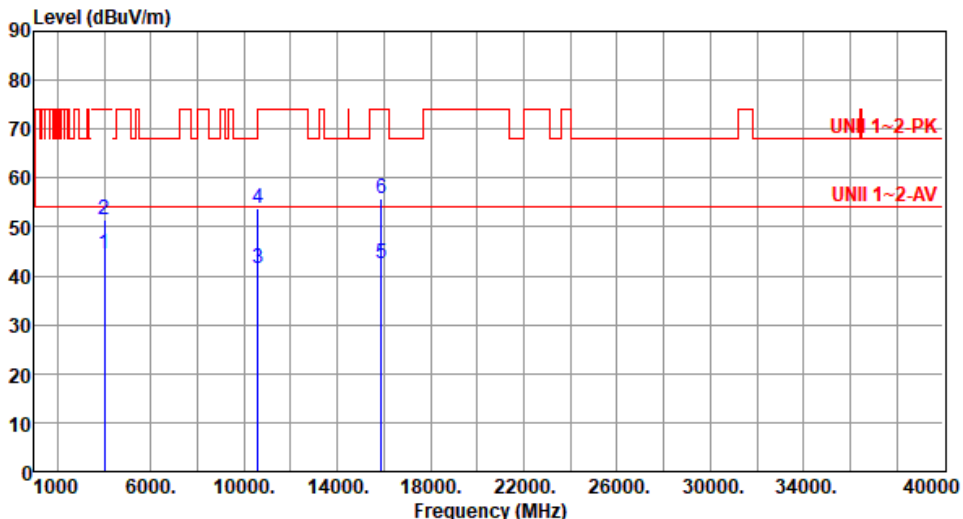


Modulation	11a	Test Freq. (MHz)	5260						
Polarization	Vertical								
Test By :Paul Lin Temperature(°C):25 Humidity(%):62									
<div></div>									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	4000.00	44.35	54.00	-9.65	46.59	-2.24	Average	308	210
2	4000.00	50.98	74.00	-23.02	53.22	-2.24	Peak	308	210
3	10520.00	56.46	68.20	-11.74	49.27	7.19	Peak	100	118
4	15780.00	42.76	54.00	-11.24	38.89	3.87	Average	100	201
5	15780.00	57.06	74.00	-16.94	53.19	3.87	Peak	100	201
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).									



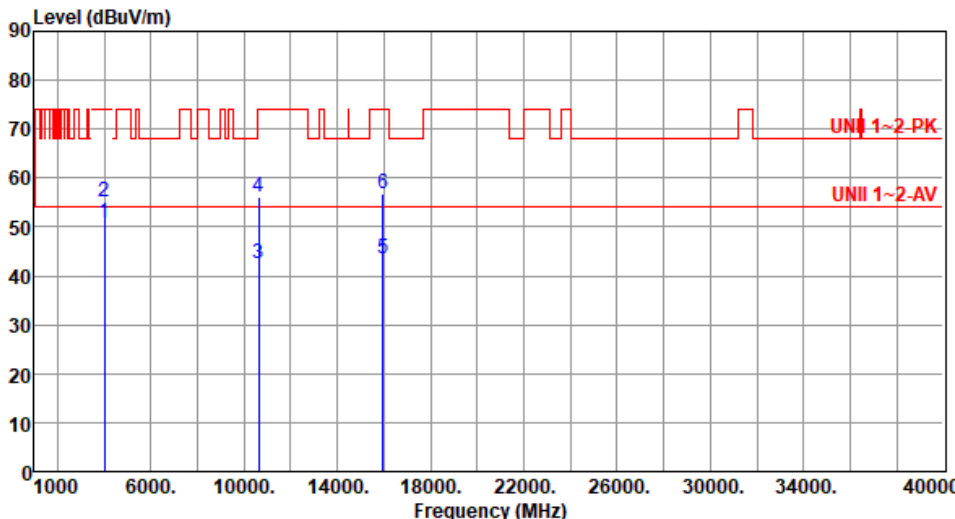
Modulation	11a	Test Freq. (MHz)	5300
Polarization	Horizontal		
Test By :Sean Yu Temperature(°C):25 Humidity(%):62			
<div><div><div>Level (dBuV/m)</div><div><div><div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div>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Modulation	11a	Test Freq. (MHz)	5300						
Polarization	Vertical								
Test By :Sean Yu Temperature(°C):25 Humidity(%):62									
<div></div>									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	4000.00	44.52	54.00	-9.48	46.76	-2.24	Average	308	205
2	4000.00	51.42	74.00	-22.58	53.66	-2.24	Peak	308	205
3	10600.00	41.63	54.00	-12.37	34.46	7.17	Average	100	219
4	10600.00	53.73	74.00	-20.27	46.56	7.17	Peak	100	219
5	15900.00	42.51	54.00	-11.49	38.46	4.05	Average	100	330
6	15900.00	55.69	74.00	-18.31	51.64	4.05	Peak	100	330

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	11a	Test Freq. (MHz)	5320																																																																						
Polarization	Horizontal																																																																								
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																																									
<div></div> <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>4000.00</td><td>50.83</td><td>54.00</td><td>-3.17</td><td>53.07</td><td>-2.24</td><td>Average</td><td>286</td><td>133</td></tr><tr><td>2</td><td>4000.00</td><td>55.16</td><td>74.00</td><td>-18.84</td><td>57.40</td><td>-2.24</td><td>Peak</td><td>286</td><td>133</td></tr><tr><td>3</td><td>10640.00</td><td>42.36</td><td>54.00</td><td>-11.64</td><td>35.24</td><td>7.12</td><td>Average</td><td>100</td><td>115</td></tr><tr><td>4</td><td>10640.00</td><td>56.24</td><td>74.00</td><td>-17.76</td><td>49.12</td><td>7.12</td><td>Peak</td><td>100</td><td>115</td></tr><tr><td>5</td><td>15960.00</td><td>43.37</td><td>54.00</td><td>-10.63</td><td>39.34</td><td>4.03</td><td>Average</td><td>100</td><td>86</td></tr><tr><td>6</td><td>15960.00</td><td>56.64</td><td>74.00</td><td>-17.36</td><td>52.61</td><td>4.03</td><td>Peak</td><td>100</td><td>86</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4000.00	50.83	54.00	-3.17	53.07	-2.24	Average	286	133	2	4000.00	55.16	74.00	-18.84	57.40	-2.24	Peak	286	133	3	10640.00	42.36	54.00	-11.64	35.24	7.12	Average	100	115	4	10640.00	56.24	74.00	-17.76	49.12	7.12	Peak	100	115	5	15960.00	43.37	54.00	-10.63	39.34	4.03	Average	100	86	6	15960.00	56.64	74.00	-17.36	52.61	4.03	Peak	100	86
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
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Modulation	11a	Test Freq. (MHz)	5320																																																																						
Polarization	Vertical																																																																								
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																																									
<div><table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>4000.00</td><td>44.38</td><td>54.00</td><td>-9.62</td><td>46.62</td><td>-2.24</td><td>Average</td><td>305</td><td>208</td></tr><tr><td>2</td><td>4000.00</td><td>50.97</td><td>74.00</td><td>-23.03</td><td>53.21</td><td>-2.24</td><td>Peak</td><td>305</td><td>208</td></tr><tr><td>3</td><td>10640.00</td><td>42.21</td><td>54.00</td><td>-11.79</td><td>35.09</td><td>7.12</td><td>Average</td><td>100</td><td>170</td></tr><tr><td>4</td><td>10640.00</td><td>56.05</td><td>74.00</td><td>-17.95</td><td>48.93</td><td>7.12</td><td>Peak</td><td>100</td><td>170</td></tr><tr><td>5</td><td>15960.00</td><td>43.11</td><td>54.00</td><td>-10.89</td><td>39.08</td><td>4.03</td><td>Average</td><td>100</td><td>206</td></tr><tr><td>6</td><td>15960.00</td><td>56.45</td><td>74.00</td><td>-17.55</td><td>52.42</td><td>4.03</td><td>Peak</td><td>100</td><td>206</td></tr></table></div>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4000.00	44.38	54.00	-9.62	46.62	-2.24	Average	305	208	2	4000.00	50.97	74.00	-23.03	53.21	-2.24	Peak	305	208	3	10640.00	42.21	54.00	-11.79	35.09	7.12	Average	100	170	4	10640.00	56.05	74.00	-17.95	48.93	7.12	Peak	100	170	5	15960.00	43.11	54.00	-10.89	39.08	4.03	Average	100	206	6	15960.00	56.45	74.00	-17.55	52.42	4.03	Peak	100	206
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
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4	10640.00	56.05	74.00	-17.95	48.93	7.12	Peak	100	170																																																																
5	15960.00	43.11	54.00	-10.89	39.08	4.03	Average	100	206																																																																
6	15960.00	56.45	74.00	-17.55	52.42	4.03	Peak	100	206																																																																
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Modulation	11a	Test Freq. (MHz)	5500
Polarization	Horizontal		
Test By :Paul Lin Temperature(°C):25 Humidity(%):62			
<div><div><div>Level (dBuV/m)</div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div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Modulation	11a	Test Freq. (MHz)	5500																																																													
Polarization	Vertical																																																															
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																																
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Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																																

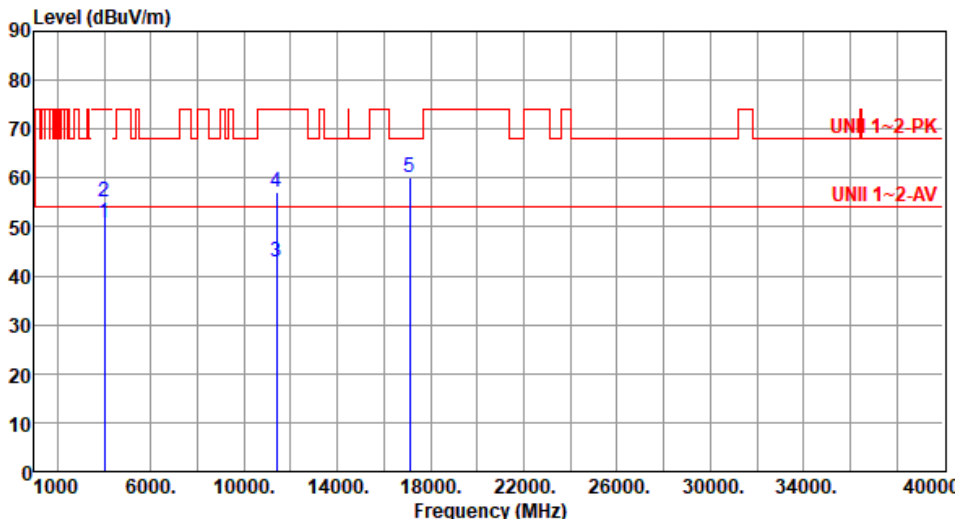


Modulation	11a	Test Freq. (MHz)	5580																																																												
Polarization	Horizontal																																																														
Test By :Sean Yu Temperature(°C):25 Humidity(%):62																																																															
<div><div><div>Level (dBuV/m)</div><div></div><div>Frequency (MHz)</div></div></div> <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>4000.00</td><td>50.86</td><td>54.00</td><td>-3.14</td><td>53.10</td><td>-2.24</td><td>Average</td><td>283</td><td>138</td></tr><tr><td>2</td><td>4000.00</td><td>55.34</td><td>74.00</td><td>-18.66</td><td>57.58</td><td>-2.24</td><td>Peak</td><td>283</td><td>138</td></tr><tr><td>3</td><td>11160.00</td><td>41.75</td><td>54.00</td><td>-12.25</td><td>34.82</td><td>6.93</td><td>Average</td><td>100</td><td>118</td></tr><tr><td>4</td><td>11160.00</td><td>54.90</td><td>74.00</td><td>-19.10</td><td>47.97</td><td>6.93</td><td>Peak</td><td>100</td><td>118</td></tr><tr><td>5</td><td>16740.00</td><td>58.20</td><td>68.20</td><td>-10.00</td><td>51.85</td><td>6.35</td><td>Peak</td><td>100</td><td>203</td></tr></tbody></table> <div><div>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)</div><div>*Factor includes antenna factor , cable loss and amplifier gain</div><div>Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</div></div>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4000.00	50.86	54.00	-3.14	53.10	-2.24	Average	283	138	2	4000.00	55.34	74.00	-18.66	57.58	-2.24	Peak	283	138	3	11160.00	41.75	54.00	-12.25	34.82	6.93	Average	100	118	4	11160.00	54.90	74.00	-19.10	47.97	6.93	Peak	100	118	5	16740.00	58.20	68.20	-10.00	51.85	6.35	Peak	100	203
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<div><div><div>Level (dBuV/m)</div><div></div><div>Frequency (MHz)</div></div><table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB/m</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>dBuV/m</th><th></th><th></th><th>dBuV</th><th></th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>4000.00</td><td>44.59</td><td>54.00</td><td>-9.41</td><td>46.83</td><td>-2.24</td><td>Average</td><td>308</td><td>211</td></tr><tr><td>2</td><td>4000.00</td><td>51.49</td><td>74.00</td><td>-22.51</td><td>53.73</td><td>-2.24</td><td>Peak</td><td>308</td><td>211</td></tr><tr><td>3</td><td>11160.00</td><td>41.82</td><td>54.00</td><td>-12.18</td><td>34.89</td><td>6.93</td><td>Average</td><td>100</td><td>218</td></tr><tr><td>4</td><td>11160.00</td><td>54.99</td><td>74.00</td><td>-19.01</td><td>48.06</td><td>6.93</td><td>Peak</td><td>100</td><td>218</td></tr><tr><td>5</td><td>16740.00</td><td>58.32</td><td>68.20</td><td>-9.88</td><td>51.97</td><td>6.35</td><td>Peak</td><td>100</td><td>304</td></tr></table></div>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table			dBuV/m			dBuV			cm	deg	1	4000.00	44.59	54.00	-9.41	46.83	-2.24	Average	308	211	2	4000.00	51.49	74.00	-22.51	53.73	-2.24	Peak	308	211	3	11160.00	41.82	54.00	-12.18	34.89	6.93	Average	100	218	4	11160.00	54.99	74.00	-19.01	48.06	6.93	Peak	100	218	5	16740.00	58.32	68.20	-9.88	51.97	6.35	Peak	100	304
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																										
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	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																						
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	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																						
1	4000.00	44.68	54.00	-9.32	46.92	-2.24	Average	305	207																																																						
2	4000.00	51.29	74.00	-22.71	53.53	-2.24	Peak	305	207																																																						
3	11490.00	43.08	54.00	-10.92	35.91	7.17	Average	100	113																																																						
4	11490.00	56.19	74.00	-17.81	49.02	7.17	Peak	100	113																																																						
5	17235.00	60.76	68.20	-7.44	54.68	6.08	Peak	100	162																																																						
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																															

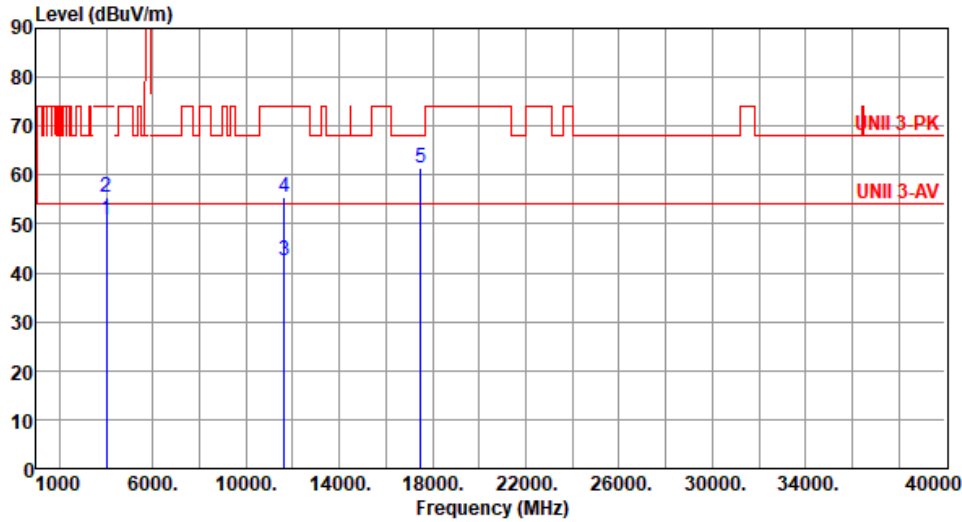


Modulation	11a	Test Freq. (MHz)	5785																																																												
Polarization	Horizontal																																																														
Test By :Sean Yu Temperature(°C):25 Humidity(%):62																																																															
<div><div><div>Level (dBuV/m)</div><div><div>UNII 3-PK</div><div>UNII 3-AV</div></div><div>Frequency (MHz)</div></div></div> <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>4000.00</td><td>50.89</td><td>54.00</td><td>-3.11</td><td>53.13</td><td>-2.24</td><td>Average</td><td>286</td><td>134</td></tr><tr><td>2</td><td>4000.00</td><td>55.49</td><td>74.00</td><td>-18.51</td><td>57.73</td><td>-2.24</td><td>Peak</td><td>286</td><td>134</td></tr><tr><td>3</td><td>11570.00</td><td>42.52</td><td>54.00</td><td>-11.48</td><td>35.57</td><td>6.95</td><td>Average</td><td>100</td><td>117</td></tr><tr><td>4</td><td>11570.00</td><td>55.35</td><td>74.00</td><td>-18.65</td><td>48.40</td><td>6.95</td><td>Peak</td><td>100</td><td>117</td></tr><tr><td>5</td><td>17355.00</td><td>59.10</td><td>68.20</td><td>-9.10</td><td>52.88</td><td>6.22</td><td>Peak</td><td>100</td><td>105</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4000.00	50.89	54.00	-3.11	53.13	-2.24	Average	286	134	2	4000.00	55.49	74.00	-18.51	57.73	-2.24	Peak	286	134	3	11570.00	42.52	54.00	-11.48	35.57	6.95	Average	100	117	4	11570.00	55.35	74.00	-18.65	48.40	6.95	Peak	100	117	5	17355.00	59.10	68.20	-9.10	52.88	6.22	Peak	100	105
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Modulation	11a	Test Freq. (MHz)	5825																																																													
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Unwanted Emissions (Above 1GHz) for ax HE20

Modulation	ax HE20	Test Freq. (MHz)	5180
Polarization	Horizontal		
Test By :Paul Lin Temperature(°C):25 Humidity(%):62			
<div><div><div>Level (dBuV/m)</div><div><div><div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div>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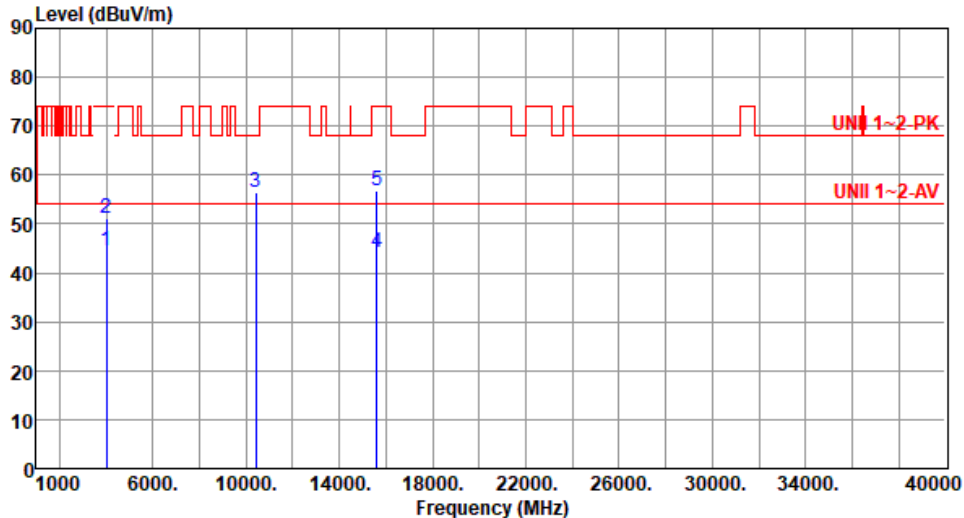


Modulation	ax HE20	Test Freq. (MHz)	5180																																																												
Polarization	Vertical																																																														
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																															
<div><div><div>Level (dBuV/m)</div><div></div><div>Frequency (MHz)</div></div></div> <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>4000.00</td><td>44.76</td><td>54.00</td><td>-9.24</td><td>47.00</td><td>-2.24</td><td>Average</td><td>302</td><td>210</td></tr><tr><td>2</td><td>4000.00</td><td>51.79</td><td>74.00</td><td>-22.21</td><td>54.03</td><td>-2.24</td><td>Peak</td><td>302</td><td>210</td></tr><tr><td>3</td><td>10360.00</td><td>56.23</td><td>68.20</td><td>-11.97</td><td>49.22</td><td>7.01</td><td>Peak</td><td>100</td><td>227</td></tr><tr><td>4</td><td>15540.00</td><td>43.23</td><td>54.00</td><td>-10.77</td><td>39.18</td><td>4.05</td><td>Average</td><td>100</td><td>179</td></tr><tr><td>5</td><td>15540.00</td><td>57.36</td><td>74.00</td><td>-16.64</td><td>53.31</td><td>4.05</td><td>Peak</td><td>100</td><td>179</td></tr></tbody></table> <div><div>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)</div><div>*Factor includes antenna factor , cable loss and amplifier gain</div><div>Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</div></div>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4000.00	44.76	54.00	-9.24	47.00	-2.24	Average	302	210	2	4000.00	51.79	74.00	-22.21	54.03	-2.24	Peak	302	210	3	10360.00	56.23	68.20	-11.97	49.22	7.01	Peak	100	227	4	15540.00	43.23	54.00	-10.77	39.18	4.05	Average	100	179	5	15540.00	57.36	74.00	-16.64	53.31	4.05	Peak	100	179
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Modulation	ax HE20	Test Freq. (MHz)	5200
Polarization	Horizontal		
Test By :Paul Lin Temperature(°C):25 Humidity(%):62			
<div><div><div>Level (dBUV/m)</div><div><div><div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div>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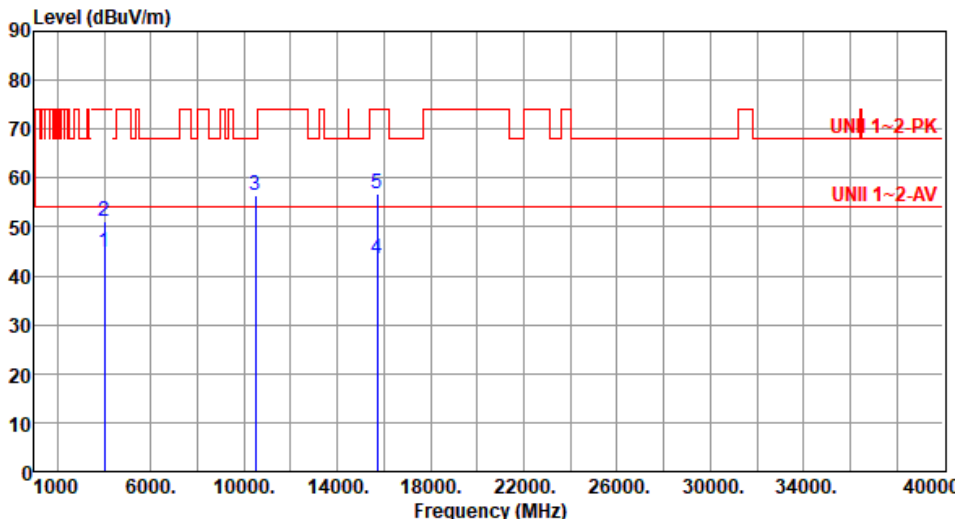


Modulation	ax HE20	Test Freq. (MHz)	5200						
Polarization	Vertical								
Test By :Paul Lin Temperature(°C):25 Humidity(%):62									
<div></div>									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	4000.00	44.48	54.00	-9.52	46.72	-2.24	Average	309	205
2	4000.00	51.22	74.00	-22.78	53.46	-2.24	Peak	309	205
3	10400.00	56.39	68.20	-11.81	49.28	7.11	Peak	100	117
4	15600.00	44.01	54.00	-9.99	40.16	3.85	Average	100	175
5	15600.00	56.83	74.00	-17.17	52.98	3.85	Peak	100	175
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).									



Modulation	ax HE20	Test Freq. (MHz)	5240																																																												
Polarization	Horizontal																																																														
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																															
<div><table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>4000.00</td><td>50.82</td><td>54.00</td><td>-3.18</td><td>53.06</td><td>-2.24</td><td>Average</td><td>289</td><td>132</td></tr><tr><td>2</td><td>4000.00</td><td>55.40</td><td>74.00</td><td>-18.60</td><td>57.64</td><td>-2.24</td><td>Peak</td><td>289</td><td>132</td></tr><tr><td>3</td><td>10480.00</td><td>56.45</td><td>68.20</td><td>-11.75</td><td>49.28</td><td>7.17</td><td>Peak</td><td>100</td><td>210</td></tr><tr><td>4</td><td>15720.00</td><td>43.41</td><td>54.00</td><td>-10.59</td><td>39.58</td><td>3.83</td><td>Average</td><td>100</td><td>177</td></tr><tr><td>5</td><td>15720.00</td><td>56.89</td><td>74.00</td><td>-17.11</td><td>53.06</td><td>3.83</td><td>Peak</td><td>100</td><td>177</td></tr></table></div>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4000.00	50.82	54.00	-3.18	53.06	-2.24	Average	289	132	2	4000.00	55.40	74.00	-18.60	57.64	-2.24	Peak	289	132	3	10480.00	56.45	68.20	-11.75	49.28	7.17	Peak	100	210	4	15720.00	43.41	54.00	-10.59	39.58	3.83	Average	100	177	5	15720.00	56.89	74.00	-17.11	53.06	3.83	Peak	100	177
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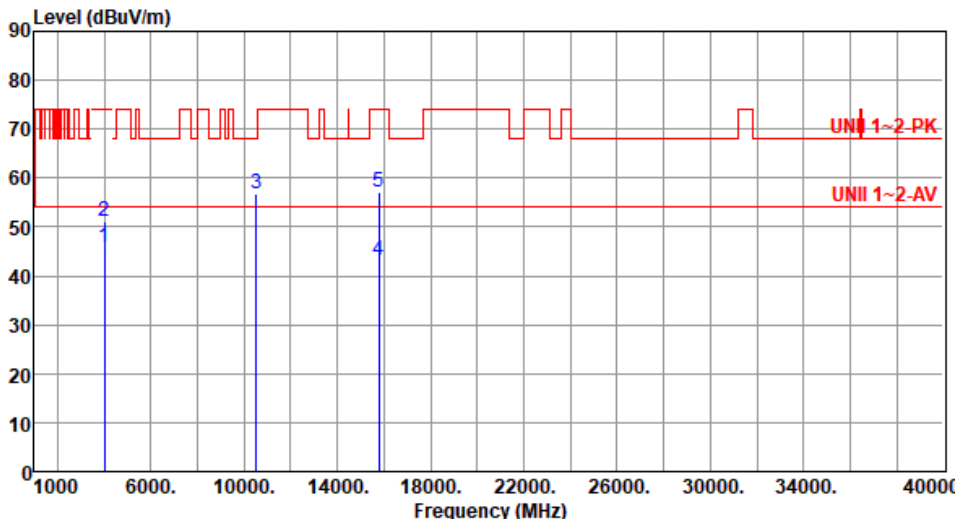


Modulation	ax HE20	Test Freq. (MHz)	5240																																																													
Polarization	Vertical																																																															
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																																
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Modulation	ax HE20	Test Freq. (MHz)	5260																																																																																
Polarization	Horizontal																																																																																		
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																																																			
<div><div><div>Level (dBuV/m)</div><div></div><div>Frequency (MHz)</div></div><table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB/m</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>dBuV/m</th><th></th><th></th><th>dBuV</th><th></th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>4000.00</td><td>50.80</td><td>54.00</td><td>-3.20</td><td>53.04</td><td>-2.24</td><td>Average</td><td>291</td><td>134</td></tr><tr><td>2</td><td>4000.00</td><td>55.09</td><td>74.00</td><td>-18.91</td><td>57.33</td><td>-2.24</td><td>Peak</td><td>291</td><td>134</td></tr><tr><td>3</td><td>10520.00</td><td>56.67</td><td>68.20</td><td>-11.53</td><td>49.48</td><td>7.19</td><td>Peak</td><td>100</td><td>152</td></tr><tr><td>4</td><td>15780.00</td><td>42.93</td><td>54.00</td><td>-11.07</td><td>39.06</td><td>3.87</td><td>Average</td><td>100</td><td>108</td></tr><tr><td>5</td><td>15780.00</td><td>57.14</td><td>74.00</td><td>-16.86</td><td>53.27</td><td>3.87</td><td>Peak</td><td>100</td><td>108</td></tr></table></div>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table			dBuV/m			dBuV			cm	deg	1	4000.00	50.80	54.00	-3.20	53.04	-2.24	Average	291	134	2	4000.00	55.09	74.00	-18.91	57.33	-2.24	Peak	291	134	3	10520.00	56.67	68.20	-11.53	49.48	7.19	Peak	100	152	4	15780.00	42.93	54.00	-11.07	39.06	3.87	Average	100	108	5	15780.00	57.14	74.00	-16.86	53.27	3.87	Peak	100	108
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																										
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Modulation	ax HE20	Test Freq. (MHz)	5260						
Polarization	Vertical								
Test By :Paul Lin Temperature(°C):25 Humidity(%):62									
<div></div>									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	4000.00	45.82	54.00	-8.18	48.06	-2.24	Average	306	202
2	4000.00	51.03	74.00	-22.97	53.27	-2.24	Peak	306	202
3	10520.00	56.71	68.20	-11.49	49.52	7.19	Peak	100	133
4	15780.00	43.09	54.00	-10.91	39.22	3.87	Average	100	185
5	15780.00	57.14	74.00	-16.86	53.27	3.87	Peak	100	185
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).									



Modulation	ax HE20	Test Freq. (MHz)	5300																																																																																										
Polarization	Horizontal																																																																																												
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																																																													
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	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																																				
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Modulation	ax HE20		Test Freq. (MHz)		5300				
Polarization	Vertical								
Test By :Paul Lin Temperature(°C):25 Humidity(%):62									
<div><div>Level (dBuV/m)</div><div></div><div>Frequency (MHz)</div></div>									
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn
	MHz	level			reading			High	Table
		dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg
1	4000.00	44.52	54.00	-9.48	46.76	-2.24	Average	305	208
2	4000.00	51.02	74.00	-22.98	53.26	-2.24	Peak	305	208
3	10600.00	42.81	54.00	-11.19	35.64	7.17	Average	100	133
4	10600.00	56.32	74.00	-17.68	49.15	7.17	Peak	100	133
5	15900.00	43.90	54.00	-10.10	39.85	4.05	Average	100	185
6	15900.00	57.11	74.00	-16.89	53.06	4.05	Peak	100	185
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).									



Modulation	ax HE20	Test Freq. (MHz)	5320																																																																						
Polarization	Horizontal																																																																								
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																																									
<div><table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>4000.00</td><td>50.87</td><td>54.00</td><td>-3.13</td><td>53.11</td><td>-2.24</td><td>Average</td><td>284</td><td>133</td></tr><tr><td>2</td><td>4000.00</td><td>55.39</td><td>74.00</td><td>-18.61</td><td>57.63</td><td>-2.24</td><td>Peak</td><td>284</td><td>133</td></tr><tr><td>3</td><td>10640.00</td><td>42.79</td><td>54.00</td><td>-11.21</td><td>35.67</td><td>7.12</td><td>Average</td><td>100</td><td>126</td></tr><tr><td>4</td><td>10640.00</td><td>56.69</td><td>74.00</td><td>-17.31</td><td>49.57</td><td>7.12</td><td>Peak</td><td>100</td><td>126</td></tr><tr><td>5</td><td>15960.00</td><td>43.80</td><td>54.00</td><td>-10.20</td><td>39.77</td><td>4.03</td><td>Average</td><td>100</td><td>94</td></tr><tr><td>6</td><td>15960.00</td><td>57.01</td><td>74.00</td><td>-16.99</td><td>52.98</td><td>4.03</td><td>Peak</td><td>100</td><td>94</td></tr></table></div>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4000.00	50.87	54.00	-3.13	53.11	-2.24	Average	284	133	2	4000.00	55.39	74.00	-18.61	57.63	-2.24	Peak	284	133	3	10640.00	42.79	54.00	-11.21	35.67	7.12	Average	100	126	4	10640.00	56.69	74.00	-17.31	49.57	7.12	Peak	100	126	5	15960.00	43.80	54.00	-10.20	39.77	4.03	Average	100	94	6	15960.00	57.01	74.00	-16.99	52.98	4.03	Peak	100	94
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
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Modulation	ax HE20		Test Freq. (MHz)		5320				
Polarization	Vertical								
Test By :Paul Lin Temperature(°C):25 Humidity(%):62									
<div><div><div>Level (dBuV/m)</div><div></div><div>Frequency (MHz)</div></div></div>									
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn
	MHz	level			reading			High	Table
		dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg
1	4000.00	44.63	54.00	-9.37	46.87	-2.24	Average	304	205
2	4000.00	51.34	74.00	-22.66	53.58	-2.24	Peak	304	205
3	10640.00	42.41	54.00	-11.59	35.29	7.12	Average	100	177
4	10640.00	56.39	74.00	-17.61	49.27	7.12	Peak	100	177
5	15960.00	43.37	54.00	-10.63	39.34	4.03	Average	100	215
6	15960.00	56.86	74.00	-17.14	52.83	4.03	Peak	100	215
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)									
*Factor includes antenna factor , cable loss and amplifier gain									
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).									



Modulation	ax HE20	Test Freq. (MHz)	5500
Polarization	Horizontal		
Test By :Paul Lin Temperature(°C):25 Humidity(%):62			
<div><div><div>Level (dBUV/m)</div><div><div><div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div>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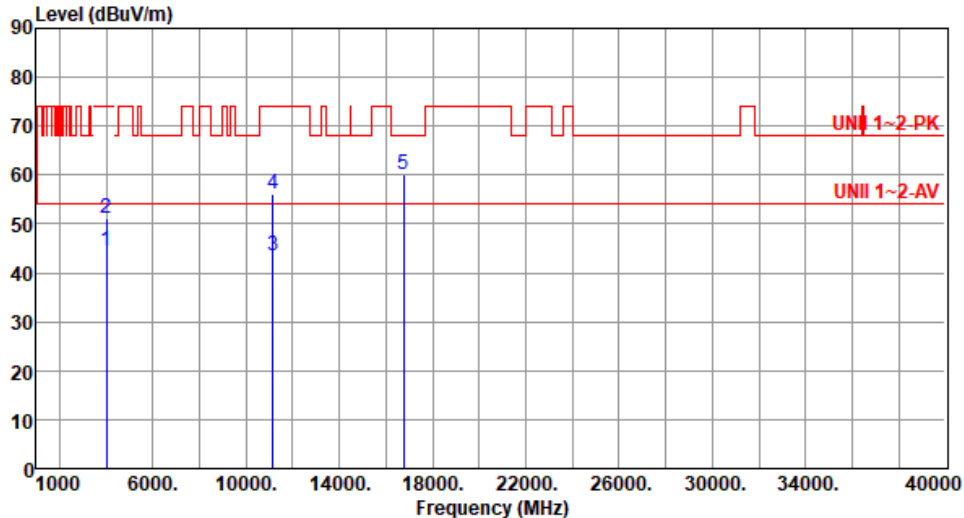


Modulation	ax HE20	Test Freq. (MHz)	5500																																																												
Polarization	Vertical																																																														
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																															
<div><table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>4000.00</td><td>44.61</td><td>54.00</td><td>-9.39</td><td>46.85</td><td>-2.24</td><td>Average</td><td>305</td><td>203</td></tr><tr><td>2</td><td>4000.00</td><td>51.17</td><td>74.00</td><td>-22.83</td><td>53.41</td><td>-2.24</td><td>Peak</td><td>305</td><td>203</td></tr><tr><td>3</td><td>11000.00</td><td>42.68</td><td>54.00</td><td>-11.32</td><td>35.19</td><td>7.49</td><td>Average</td><td>100</td><td>166</td></tr><tr><td>4</td><td>11000.00</td><td>56.00</td><td>74.00</td><td>-18.00</td><td>48.51</td><td>7.49</td><td>Peak</td><td>100</td><td>166</td></tr><tr><td>5</td><td>16500.00</td><td>59.48</td><td>68.20</td><td>-8.72</td><td>53.49</td><td>5.99</td><td>Peak</td><td>100</td><td>218</td></tr></table></div>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4000.00	44.61	54.00	-9.39	46.85	-2.24	Average	305	203	2	4000.00	51.17	74.00	-22.83	53.41	-2.24	Peak	305	203	3	11000.00	42.68	54.00	-11.32	35.19	7.49	Average	100	166	4	11000.00	56.00	74.00	-18.00	48.51	7.49	Peak	100	166	5	16500.00	59.48	68.20	-8.72	53.49	5.99	Peak	100	218
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																						
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Modulation	ax HE20		Test Freq. (MHz)		5580				
Polarization	Horizontal								
Test By :Paul Lin Temperature(°C):25 Humidity(%):62									
<div></div>									
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	4000.00	50.83	54.00	-3.17	53.07	-2.24	Average	289	132
2	4000.00	55.39	74.00	-18.61	57.63	-2.24	Peak	289	132
3	11160.00	43.23	54.00	-10.77	36.30	6.93	Average	100	158
4	11160.00	56.48	74.00	-17.52	49.55	6.93	Peak	100	158
5	16740.00	59.56	68.20	-8.64	53.21	6.35	Peak	100	101
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).									



Modulation	ax HE20	Test Freq. (MHz)	5580																																																													
Polarization	Vertical																																																															
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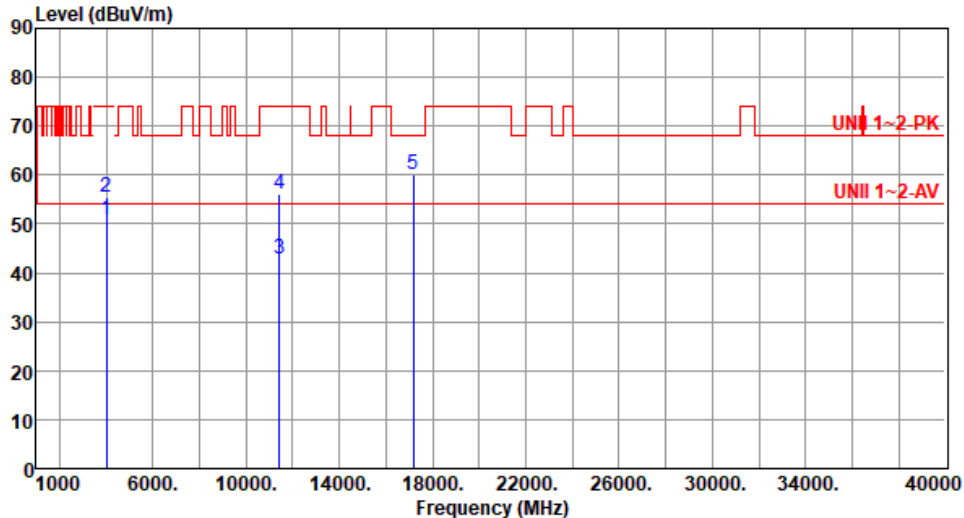


Modulation	ax HE20	Test Freq. (MHz)	5700																																																																																
Polarization	Horizontal																																																																																		
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																																																			
<div><div><div>Level (dBuV/m)</div><div></div><div>Frequency (MHz)</div></div></div> <table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th></th><th></th><th>reading</th><th></th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>4000.00</td><td>50.83</td><td>54.00</td><td>-3.17</td><td>53.07</td><td>-2.24</td><td>Average</td><td>288</td><td>137</td></tr><tr><td>2</td><td>4000.00</td><td>55.58</td><td>74.00</td><td>-18.42</td><td>57.82</td><td>-2.24</td><td>Peak</td><td>288</td><td>137</td></tr><tr><td>3</td><td>11400.00</td><td>42.75</td><td>54.00</td><td>-11.25</td><td>35.73</td><td>7.02</td><td>Average</td><td>100</td><td>134</td></tr><tr><td>4</td><td>11400.00</td><td>56.94</td><td>74.00</td><td>-17.06</td><td>49.92</td><td>7.02</td><td>Peak</td><td>100</td><td>134</td></tr><tr><td>5</td><td>17100.00</td><td>60.07</td><td>68.20</td><td>-8.13</td><td>54.12</td><td>5.95</td><td>Peak</td><td>100</td><td>112</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level			reading			High	Table			dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg	1	4000.00	50.83	54.00	-3.17	53.07	-2.24	Average	288	137	2	4000.00	55.58	74.00	-18.42	57.82	-2.24	Peak	288	137	3	11400.00	42.75	54.00	-11.25	35.73	7.02	Average	100	134	4	11400.00	56.94	74.00	-17.06	49.92	7.02	Peak	100	134	5	17100.00	60.07	68.20	-8.13	54.12	5.95	Peak	100	112
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																										
	MHz	level			reading			High	Table																																																																										
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3	11400.00	42.75	54.00	-11.25	35.73	7.02	Average	100	134																																																																										
4	11400.00	56.94	74.00	-17.06	49.92	7.02	Peak	100	134																																																																										
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Modulation	ax HE20	Test Freq. (MHz)	5700																																																													
Polarization	Vertical																																																															
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																																
<div></div>																																																																
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	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																							
1	4000.00	44.89	54.00	-9.11	47.13	-2.24	Average	303	206																																																							
2	4000.00	51.67	74.00	-22.33	53.91	-2.24	Peak	303	206																																																							
3	11400.00	42.53	54.00	-11.47	35.51	7.02	Average	100	196																																																							
4	11400.00	56.64	74.00	-17.36	49.62	7.02	Peak	100	196																																																							
5	17100.00	60.32	68.20	-7.88	54.37	5.95	Peak	100	150																																																							
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																																



Modulation	ax HE20	Test Freq. (MHz)	5720						
Polarization	Horizontal								
Test By :Paul Lin Temperature(°C):25 Humidity(%):62									
<div></div>									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	4000.00	50.94	54.00	-3.06	53.18	-2.24	Average	284	136
2	4000.00	55.49	74.00	-18.51	57.73	-2.24	Peak	284	136
3	11440.00	42.76	54.00	-11.24	35.68	7.08	Average	100	155
4	11440.00	56.22	74.00	-17.78	49.14	7.08	Peak	100	155
5	17160.00	60.25	68.20	-7.95	54.19	6.06	Peak	100	167
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).									

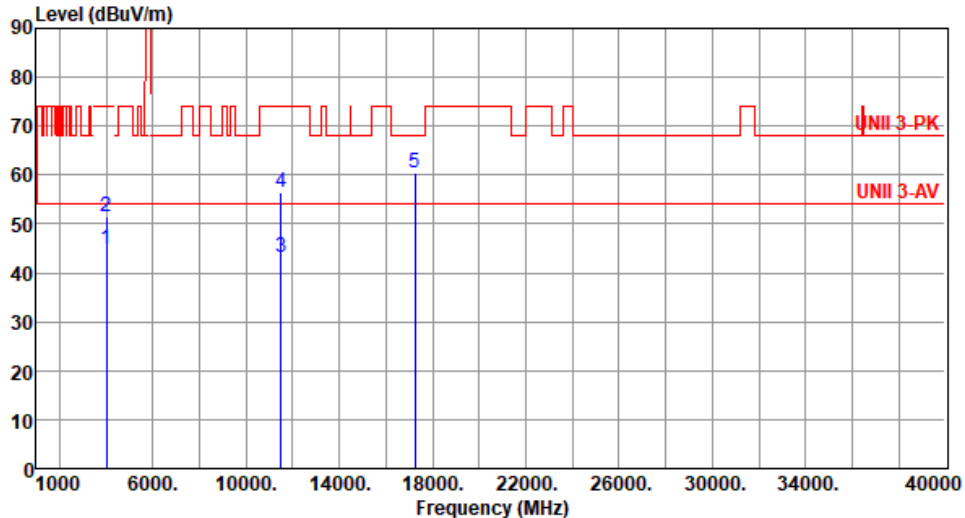


Modulation	ax HE20		Test Freq. (MHz)		5720				
Polarization	Vertical								
Test By :Paul Lin			Temperature(°C):25			Humidity(%):62			
<div><div><div>Level (dBuV/m)</div><div></div><div>Frequency (MHz)</div></div></div>									
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn
	MHz	level			reading			High	Table
		dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg
1	4000.00	44.83	54.00	-9.17	47.07	-2.24	Average	306	201
2	4000.00	51.77	74.00	-22.23	54.01	-2.24	Peak	306	201
3	11440.00	42.60	54.00	-11.40	35.52	7.08	Average	100	203
4	11440.00	56.50	74.00	-17.50	49.42	7.08	Peak	100	203
5	17160.00	60.34	68.20	-7.86	54.28	6.06	Peak	100	136
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).									



Modulation	ax HE20	Test Freq. (MHz)	5745																																																												
Polarization	Horizontal																																																														
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																															
<div><div><div>Level (dBUV/m)</div><div></div><div>Frequency (MHz)</div></div></div> <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>4000.00</td><td>50.88</td><td>54.00</td><td>-3.12</td><td>53.12</td><td>-2.24</td><td>Average</td><td>288</td><td>134</td></tr><tr><td>2</td><td>4000.00</td><td>55.37</td><td>74.00</td><td>-18.63</td><td>57.61</td><td>-2.24</td><td>Peak</td><td>288</td><td>134</td></tr><tr><td>3</td><td>11490.00</td><td>43.34</td><td>54.00</td><td>-10.66</td><td>36.17</td><td>7.17</td><td>Average</td><td>100</td><td>190</td></tr><tr><td>4</td><td>11490.00</td><td>56.61</td><td>74.00</td><td>-17.39</td><td>49.44</td><td>7.17</td><td>Peak</td><td>100</td><td>190</td></tr><tr><td>5</td><td>17235.00</td><td>60.32</td><td>68.20</td><td>-7.88</td><td>54.24</td><td>6.08</td><td>Peak</td><td>100</td><td>135</td></tr></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4000.00	50.88	54.00	-3.12	53.12	-2.24	Average	288	134	2	4000.00	55.37	74.00	-18.63	57.61	-2.24	Peak	288	134	3	11490.00	43.34	54.00	-10.66	36.17	7.17	Average	100	190	4	11490.00	56.61	74.00	-17.39	49.44	7.17	Peak	100	190	5	17235.00	60.32	68.20	-7.88	54.24	6.08	Peak	100	135
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																						
1	4000.00	50.88	54.00	-3.12	53.12	-2.24	Average	288	134																																																						
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3	11490.00	43.34	54.00	-10.66	36.17	7.17	Average	100	190																																																						
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Modulation	ax HE20	Test Freq. (MHz)	5745																																																												
Polarization	Vertical																																																														
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																															
<div></div> <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>4000.00</td><td>44.83</td><td>54.00</td><td>-9.17</td><td>47.07</td><td>-2.24</td><td>Average</td><td>302</td><td>210</td></tr><tr><td>2</td><td>4000.00</td><td>51.58</td><td>74.00</td><td>-22.42</td><td>53.82</td><td>-2.24</td><td>Peak</td><td>302</td><td>210</td></tr><tr><td>3</td><td>11490.00</td><td>43.33</td><td>54.00</td><td>-10.67</td><td>36.16</td><td>7.17</td><td>Average</td><td>100</td><td>121</td></tr><tr><td>4</td><td>11490.00</td><td>56.49</td><td>74.00</td><td>-17.51</td><td>49.32</td><td>7.17</td><td>Peak</td><td>100</td><td>121</td></tr><tr><td>5</td><td>17235.00</td><td>60.50</td><td>68.20</td><td>-7.70</td><td>54.42</td><td>6.08</td><td>Peak</td><td>100</td><td>157</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4000.00	44.83	54.00	-9.17	47.07	-2.24	Average	302	210	2	4000.00	51.58	74.00	-22.42	53.82	-2.24	Peak	302	210	3	11490.00	43.33	54.00	-10.67	36.16	7.17	Average	100	121	4	11490.00	56.49	74.00	-17.51	49.32	7.17	Peak	100	121	5	17235.00	60.50	68.20	-7.70	54.42	6.08	Peak	100	157
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																						
1	4000.00	44.83	54.00	-9.17	47.07	-2.24	Average	302	210																																																						
2	4000.00	51.58	74.00	-22.42	53.82	-2.24	Peak	302	210																																																						
3	11490.00	43.33	54.00	-10.67	36.16	7.17	Average	100	121																																																						
4	11490.00	56.49	74.00	-17.51	49.32	7.17	Peak	100	121																																																						
5	17235.00	60.50	68.20	-7.70	54.42	6.08	Peak	100	157																																																						
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																															



Modulation	ax HE20	Test Freq. (MHz)	5785						
Polarization	Horizontal								
Test By :Paul Lin Temperature(°C):25 Humidity(%):62									
<div><div><div>Level (dBUV/m)</div><div></div><div>Frequency (MHz)</div></div></div>									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	4000.00	50.97	54.00	-3.03	53.21	-2.24	Average	285	134
2	4000.00	55.34	74.00	-18.66	57.58	-2.24	Peak	285	134
3	11570.00	43.67	54.00	-10.33	36.72	6.95	Average	100	198
4	11570.00	55.30	74.00	-18.70	48.35	6.95	Peak	100	198
5	17355.00	61.18	68.20	-7.02	54.96	6.22	Peak	100	156

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).



Modulation	ax HE20	Test Freq. (MHz)	5785																																																												
Polarization	Vertical																																																														
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																															
<div><table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>4000.00</td><td>44.51</td><td>54.00</td><td>-9.49</td><td>46.75</td><td>-2.24</td><td>Average</td><td>305</td><td>209</td></tr><tr><td>2</td><td>4000.00</td><td>51.08</td><td>74.00</td><td>-22.92</td><td>53.32</td><td>-2.24</td><td>Peak</td><td>305</td><td>209</td></tr><tr><td>3</td><td>11570.00</td><td>43.97</td><td>54.00</td><td>-10.03</td><td>37.02</td><td>6.95</td><td>Average</td><td>100</td><td>161</td></tr><tr><td>4</td><td>11570.00</td><td>57.16</td><td>74.00</td><td>-16.84</td><td>50.21</td><td>6.95</td><td>Peak</td><td>100</td><td>161</td></tr><tr><td>5</td><td>17355.00</td><td>61.55</td><td>68.20</td><td>-6.65</td><td>55.33</td><td>6.22</td><td>Peak</td><td>100</td><td>72</td></tr></tbody></table></div>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4000.00	44.51	54.00	-9.49	46.75	-2.24	Average	305	209	2	4000.00	51.08	74.00	-22.92	53.32	-2.24	Peak	305	209	3	11570.00	43.97	54.00	-10.03	37.02	6.95	Average	100	161	4	11570.00	57.16	74.00	-16.84	50.21	6.95	Peak	100	161	5	17355.00	61.55	68.20	-6.65	55.33	6.22	Peak	100	72
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																						
1	4000.00	44.51	54.00	-9.49	46.75	-2.24	Average	305	209																																																						
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Modulation	ax HE20	Test Freq. (MHz)	5825																																																												
Polarization	Horizontal																																																														
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																															
<div><table><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>4000.00</td><td>50.94</td><td>54.00</td><td>-3.06</td><td>53.18</td><td>-2.24</td><td>Average</td><td>289</td><td>136</td></tr><tr><td>2</td><td>4000.00</td><td>55.58</td><td>74.00</td><td>-18.42</td><td>57.82</td><td>-2.24</td><td>Peak</td><td>289</td><td>136</td></tr><tr><td>3</td><td>11650.00</td><td>42.39</td><td>54.00</td><td>-11.61</td><td>35.72</td><td>6.67</td><td>Average</td><td>100</td><td>164</td></tr><tr><td>4</td><td>11650.00</td><td>55.46</td><td>74.00</td><td>-18.54</td><td>48.79</td><td>6.67</td><td>Peak</td><td>100</td><td>164</td></tr><tr><td>5</td><td>17475.00</td><td>60.89</td><td>68.20</td><td>-7.31</td><td>54.31</td><td>6.58</td><td>Peak</td><td>100</td><td>210</td></tr></table></div>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4000.00	50.94	54.00	-3.06	53.18	-2.24	Average	289	136	2	4000.00	55.58	74.00	-18.42	57.82	-2.24	Peak	289	136	3	11650.00	42.39	54.00	-11.61	35.72	6.67	Average	100	164	4	11650.00	55.46	74.00	-18.54	48.79	6.67	Peak	100	164	5	17475.00	60.89	68.20	-7.31	54.31	6.58	Peak	100	210
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																						
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4	11650.00	55.46	74.00	-18.54	48.79	6.67	Peak	100	164																																																						
5	17475.00	60.89	68.20	-7.31	54.31	6.58	Peak	100	210																																																						
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																															



Modulation	ax HE20		Test Freq. (MHz)		5825				
Polarization	Vertical								
Test By :Paul Lin			Temperature(°C):25			Humidity(%):62			
<div><div><div>Level (dBuV/m)</div><div></div><div>Frequency (MHz)</div></div></div>									
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn
	MHz	level			reading			High	Table
		dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg
1	4000.00	44.91	54.00	-9.09	47.15	-2.24	Average	305	201
2	4000.00	51.64	74.00	-22.36	53.88	-2.24	Peak	305	201
3	11650.00	42.25	54.00	-11.75	35.58	6.67	Average	100	146
4	11650.00	55.83	74.00	-18.17	49.16	6.67	Peak	100	146
5	17475.00	61.10	68.20	-7.10	54.52	6.58	Peak	100	178

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Unwanted Emissions (Above 1GHz) for ax HE40

Modulation	ax HE40		Test Freq. (MHz)	5190	
Polarization	Horizontal				
Test By :Paul Lin Temperature(°C):25 Humidity(%):62					
<div><div><div>Level (dBUV/m)</div><div><div><div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div>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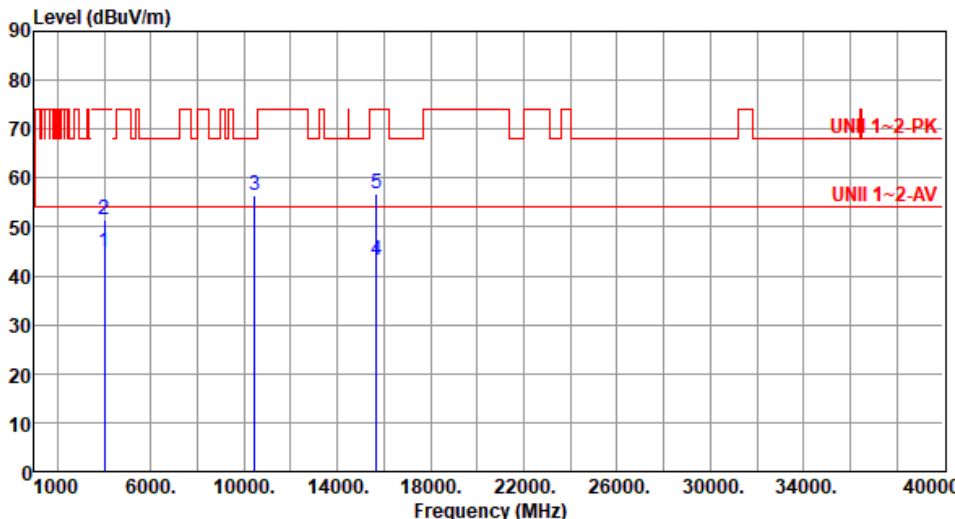


Modulation	ax HE40	Test Freq. (MHz)	5190																																																												
Polarization	Vertical																																																														
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																															
<div><table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>4000.00</td><td>44.65</td><td>54.00</td><td>-9.35</td><td>46.89</td><td>-2.24</td><td>Average</td><td>305</td><td>207</td></tr><tr><td>2</td><td>4000.00</td><td>51.56</td><td>74.00</td><td>-22.44</td><td>53.80</td><td>-2.24</td><td>Peak</td><td>305</td><td>207</td></tr><tr><td>3</td><td>10380.00</td><td>56.03</td><td>68.20</td><td>-12.17</td><td>48.97</td><td>7.06</td><td>Peak</td><td>100</td><td>112</td></tr><tr><td>4</td><td>15570.00</td><td>43.81</td><td>54.00</td><td>-10.19</td><td>39.86</td><td>3.95</td><td>Average</td><td>100</td><td>186</td></tr><tr><td>5</td><td>15570.00</td><td>57.08</td><td>74.00</td><td>-16.92</td><td>53.13</td><td>3.95</td><td>Peak</td><td>100</td><td>186</td></tr></table></div>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4000.00	44.65	54.00	-9.35	46.89	-2.24	Average	305	207	2	4000.00	51.56	74.00	-22.44	53.80	-2.24	Peak	305	207	3	10380.00	56.03	68.20	-12.17	48.97	7.06	Peak	100	112	4	15570.00	43.81	54.00	-10.19	39.86	3.95	Average	100	186	5	15570.00	57.08	74.00	-16.92	53.13	3.95	Peak	100	186
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																						
1	4000.00	44.65	54.00	-9.35	46.89	-2.24	Average	305	207																																																						
2	4000.00	51.56	74.00	-22.44	53.80	-2.24	Peak	305	207																																																						
3	10380.00	56.03	68.20	-12.17	48.97	7.06	Peak	100	112																																																						
4	15570.00	43.81	54.00	-10.19	39.86	3.95	Average	100	186																																																						
5	15570.00	57.08	74.00	-16.92	53.13	3.95	Peak	100	186																																																						
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																															



Modulation	ax HE40	Test Freq. (MHz)	5230																																																												
Polarization	Horizontal																																																														
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																															
<div><div><div>Level (dBUV/m)</div><div></div></div><table><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>4000.00</td><td>50.77</td><td>54.00</td><td>-3.23</td><td>53.01</td><td>-2.24</td><td>Average</td><td>286</td><td>135</td></tr><tr><td>2</td><td>4000.00</td><td>55.40</td><td>74.00</td><td>-18.60</td><td>57.64</td><td>-2.24</td><td>Peak</td><td>286</td><td>135</td></tr><tr><td>3</td><td>10460.00</td><td>56.18</td><td>68.20</td><td>-12.02</td><td>49.02</td><td>7.16</td><td>Peak</td><td>100</td><td>189</td></tr><tr><td>4</td><td>15690.00</td><td>43.26</td><td>54.00</td><td>-10.74</td><td>39.44</td><td>3.82</td><td>Average</td><td>100</td><td>100</td></tr><tr><td>5</td><td>15690.00</td><td>56.84</td><td>74.00</td><td>-17.16</td><td>53.02</td><td>3.82</td><td>Peak</td><td>100</td><td>100</td></tr></table></div>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4000.00	50.77	54.00	-3.23	53.01	-2.24	Average	286	135	2	4000.00	55.40	74.00	-18.60	57.64	-2.24	Peak	286	135	3	10460.00	56.18	68.20	-12.02	49.02	7.16	Peak	100	189	4	15690.00	43.26	54.00	-10.74	39.44	3.82	Average	100	100	5	15690.00	56.84	74.00	-17.16	53.02	3.82	Peak	100	100
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																						
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2	4000.00	55.40	74.00	-18.60	57.64	-2.24	Peak	286	135																																																						
3	10460.00	56.18	68.20	-12.02	49.02	7.16	Peak	100	189																																																						
4	15690.00	43.26	54.00	-10.74	39.44	3.82	Average	100	100																																																						
5	15690.00	56.84	74.00	-17.16	53.02	3.82	Peak	100	100																																																						
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																															



Modulation	ax HE40	Test Freq. (MHz)	5230						
Polarization	Vertical								
Test By :Paul Lin Temperature(°C):25 Humidity(%):62									
<div></div>									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	4000.00	44.77	54.00	-9.23	47.01	-2.24	Average	305	208
2	4000.00	51.55	74.00	-22.45	53.79	-2.24	Peak	305	208
3	10460.00	56.32	68.20	-11.88	49.16	7.16	Peak	100	102
4	15690.00	43.28	54.00	-10.72	39.46	3.82	Average	100	141
5	15690.00	56.81	74.00	-17.19	52.99	3.82	Peak	100	141
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).									



Modulation	ax HE40	Test Freq. (MHz)	5270																																																																																
Polarization	Horizontal																																																																																		
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																																																			
<div><div><div>Level (dBUV/m)</div><div></div><div>Frequency (MHz)</div></div></div> <table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB/m</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>dBuV/m</th><th></th><th></th><th>dBuV</th><th></th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>4000.00</td><td>50.93</td><td>54.00</td><td>-3.07</td><td>53.17</td><td>-2.24</td><td>Average</td><td>287</td><td>133</td></tr><tr><td>2</td><td>4000.00</td><td>55.61</td><td>74.00</td><td>-18.39</td><td>57.85</td><td>-2.24</td><td>Peak</td><td>287</td><td>133</td></tr><tr><td>3</td><td>10540.00</td><td>55.97</td><td>68.20</td><td>-12.23</td><td>48.79</td><td>7.18</td><td>Peak</td><td>100</td><td>173</td></tr><tr><td>4</td><td>15810.00</td><td>43.04</td><td>54.00</td><td>-10.96</td><td>39.14</td><td>3.90</td><td>Average</td><td>100</td><td>118</td></tr><tr><td>5</td><td>15810.00</td><td>56.96</td><td>74.00</td><td>-17.04</td><td>53.06</td><td>3.90</td><td>Peak</td><td>100</td><td>118</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table			dBuV/m			dBuV			cm	deg	1	4000.00	50.93	54.00	-3.07	53.17	-2.24	Average	287	133	2	4000.00	55.61	74.00	-18.39	57.85	-2.24	Peak	287	133	3	10540.00	55.97	68.20	-12.23	48.79	7.18	Peak	100	173	4	15810.00	43.04	54.00	-10.96	39.14	3.90	Average	100	118	5	15810.00	56.96	74.00	-17.04	53.06	3.90	Peak	100	118
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																										
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Modulation	ax HE40	Test Freq. (MHz)	5270																																																												
Polarization	Vertical																																																														
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																															
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	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																						
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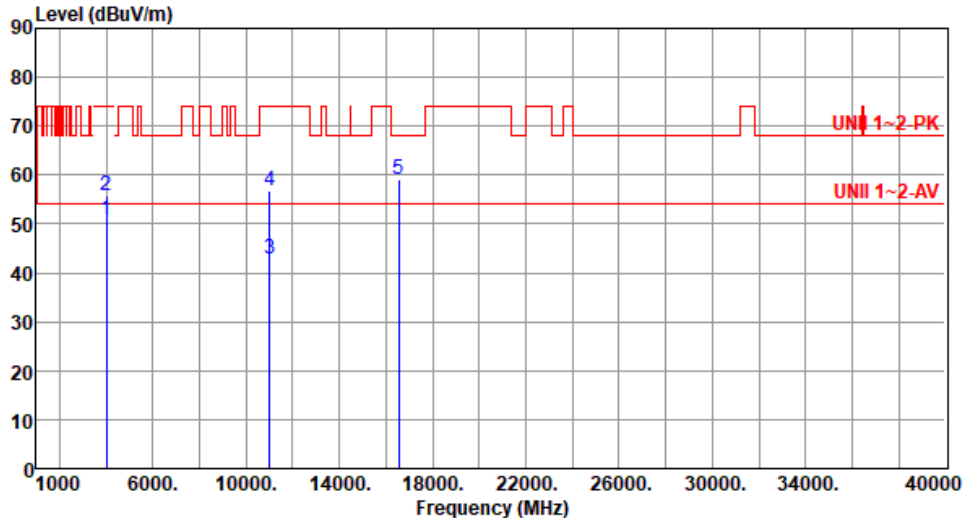


Modulation	ax HE40	Test Freq. (MHz)	5310																																																																						
Polarization	Horizontal																																																																								
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																																									
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	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
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Modulation	ax HE40	Test Freq. (MHz)	5310																																																																						
Polarization	Vertical																																																																								
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																																									
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	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
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Modulation	ax HE40	Test Freq. (MHz)	5510						
Polarization	Horizontal								
Test By :Paul Lin Temperature(°C):25 Humidity(%):62									
<div></div>									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	4000.00	50.91	54.00	-3.09	53.15	-2.24	Average	289	131
2	4000.00	55.66	74.00	-18.34	57.90	-2.24	Peak	289	131
3	11020.00	42.81	54.00	-11.19	35.37	7.44	Average	100	198
4	11020.00	56.67	74.00	-17.33	49.23	7.44	Peak	100	198
5	16530.00	59.15	68.20	-9.05	53.17	5.98	Peak	100	145
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).									



Modulation	ax HE40	Test Freq. (MHz)	5510																																																												
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	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																						
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Modulation	ax HE40	Test Freq. (MHz)	5550																																																												
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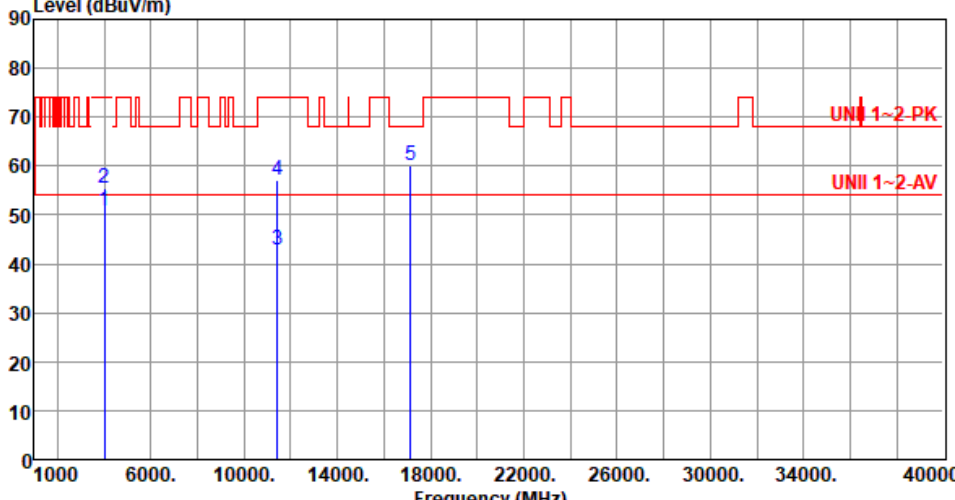


Modulation	ax HE40	Test Freq. (MHz)	5670																																																												
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	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																																
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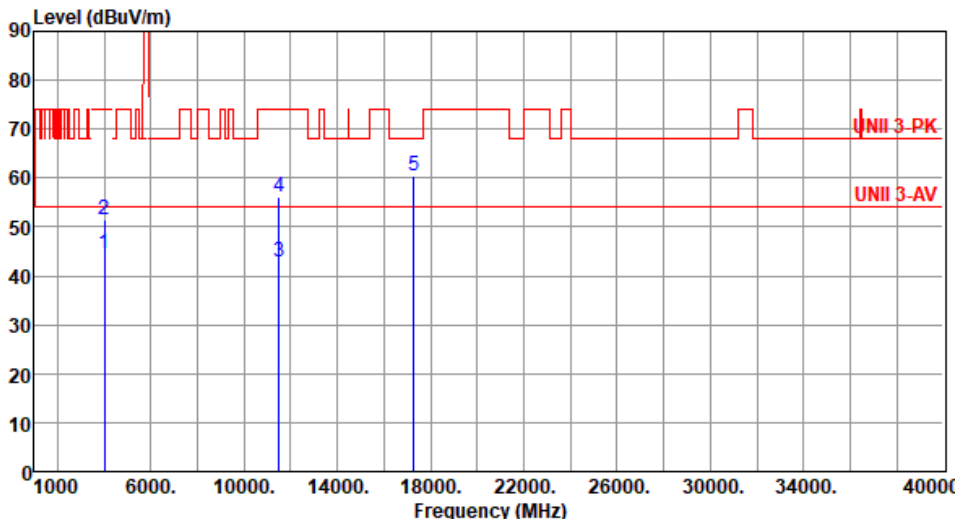


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Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																															
<div></div> <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>4000.00</td><td>44.56</td><td>54.00</td><td>-9.44</td><td>46.80</td><td>-2.24</td><td>Average</td><td>305</td><td>202</td></tr><tr><td>2</td><td>4000.00</td><td>51.48</td><td>74.00</td><td>-22.52</td><td>53.72</td><td>-2.24</td><td>Peak</td><td>305</td><td>202</td></tr><tr><td>3</td><td>11510.00</td><td>42.99</td><td>54.00</td><td>-11.01</td><td>35.84</td><td>7.15</td><td>Average</td><td>100</td><td>112</td></tr><tr><td>4</td><td>11510.00</td><td>55.98</td><td>74.00</td><td>-18.02</td><td>48.83</td><td>7.15</td><td>Peak</td><td>100</td><td>112</td></tr><tr><td>5</td><td>17265.00</td><td>60.40</td><td>68.20</td><td>-7.80</td><td>54.35</td><td>6.05</td><td>Peak</td><td>100</td><td>166</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4000.00	44.56	54.00	-9.44	46.80	-2.24	Average	305	202	2	4000.00	51.48	74.00	-22.52	53.72	-2.24	Peak	305	202	3	11510.00	42.99	54.00	-11.01	35.84	7.15	Average	100	112	4	11510.00	55.98	74.00	-18.02	48.83	7.15	Peak	100	112	5	17265.00	60.40	68.20	-7.80	54.35	6.05	Peak	100	166
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																						
1	4000.00	44.56	54.00	-9.44	46.80	-2.24	Average	305	202																																																						
2	4000.00	51.48	74.00	-22.52	53.72	-2.24	Peak	305	202																																																						
3	11510.00	42.99	54.00	-11.01	35.84	7.15	Average	100	112																																																						
4	11510.00	55.98	74.00	-18.02	48.83	7.15	Peak	100	112																																																						
5	17265.00	60.40	68.20	-7.80	54.35	6.05	Peak	100	166																																																						
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																															



Modulation	ax HE40	Test Freq. (MHz)	5795																																																												
Polarization	Horizontal																																																														
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																															
<div><div><div>Level (dBUV/m)</div><div><div>UNII 3-PK</div><div>UNII 3-AV</div></div><div>Frequency (MHz)</div></div></div> <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>4000.00</td><td>50.93</td><td>54.00</td><td>-3.07</td><td>53.17</td><td>-2.24</td><td>Average</td><td>288</td><td>133</td></tr><tr><td>2</td><td>4000.00</td><td>55.78</td><td>74.00</td><td>-18.22</td><td>58.02</td><td>-2.24</td><td>Peak</td><td>288</td><td>133</td></tr><tr><td>3</td><td>11590.00</td><td>42.95</td><td>54.00</td><td>-11.05</td><td>36.08</td><td>6.87</td><td>Average</td><td>100</td><td>199</td></tr><tr><td>4</td><td>11590.00</td><td>56.21</td><td>74.00</td><td>-17.79</td><td>49.34</td><td>6.87</td><td>Peak</td><td>100</td><td>199</td></tr><tr><td>5</td><td>17385.00</td><td>60.84</td><td>68.20</td><td>-7.36</td><td>54.51</td><td>6.33</td><td>Peak</td><td>100</td><td>131</td></tr></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4000.00	50.93	54.00	-3.07	53.17	-2.24	Average	288	133	2	4000.00	55.78	74.00	-18.22	58.02	-2.24	Peak	288	133	3	11590.00	42.95	54.00	-11.05	36.08	6.87	Average	100	199	4	11590.00	56.21	74.00	-17.79	49.34	6.87	Peak	100	199	5	17385.00	60.84	68.20	-7.36	54.51	6.33	Peak	100	131
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																						
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5	17385.00	60.84	68.20	-7.36	54.51	6.33	Peak	100	131																																																						
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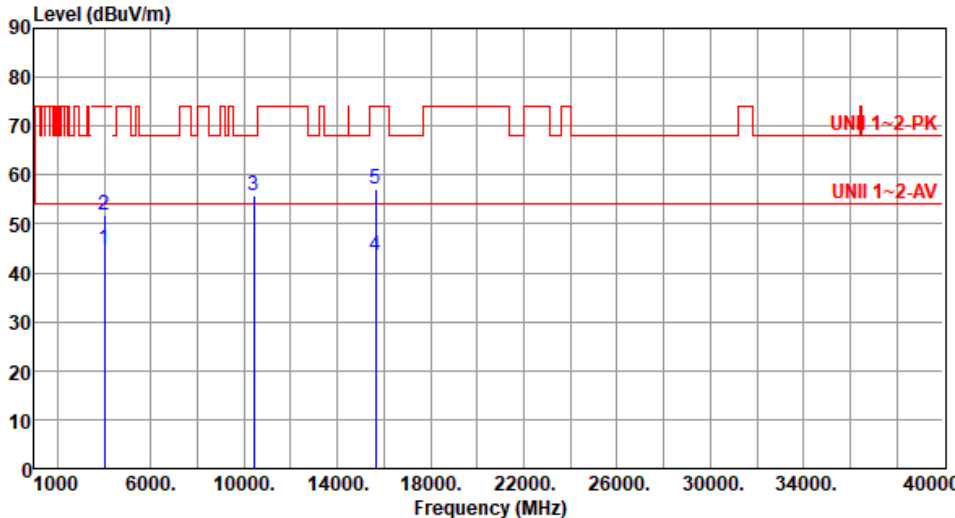


Modulation	ax HE40	Test Freq. (MHz)	5795																																																												
Polarization	Vertical																																																														
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																															
<div><table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>4000.00</td><td>44.61</td><td>54.00</td><td>-9.39</td><td>46.85</td><td>-2.24</td><td>Average</td><td>304</td><td>207</td></tr><tr><td>2</td><td>4000.00</td><td>51.53</td><td>74.00</td><td>-22.47</td><td>53.77</td><td>-2.24</td><td>Peak</td><td>304</td><td>207</td></tr><tr><td>3</td><td>11590.00</td><td>42.70</td><td>54.00</td><td>-11.30</td><td>35.83</td><td>6.87</td><td>Average</td><td>100</td><td>105</td></tr><tr><td>4</td><td>11590.00</td><td>56.21</td><td>74.00</td><td>-17.79</td><td>49.34</td><td>6.87</td><td>Peak</td><td>100</td><td>105</td></tr><tr><td>5</td><td>17385.00</td><td>60.60</td><td>68.20</td><td>-7.60</td><td>54.27</td><td>6.33</td><td>Peak</td><td>100</td><td>169</td></tr></table></div>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4000.00	44.61	54.00	-9.39	46.85	-2.24	Average	304	207	2	4000.00	51.53	74.00	-22.47	53.77	-2.24	Peak	304	207	3	11590.00	42.70	54.00	-11.30	35.83	6.87	Average	100	105	4	11590.00	56.21	74.00	-17.79	49.34	6.87	Peak	100	105	5	17385.00	60.60	68.20	-7.60	54.27	6.33	Peak	100	169
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																						
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Unwanted Emissions (Above 1GHz) for ax HE80

Modulation	ax HE80	Test Freq. (MHz)	5210
Polarization	Horizontal		
Test By :Paul Lin Temperature(°C):25 Humidity(%):62			
<div><div><div>Level (dBuV/m)</div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div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Modulation	ax HE80	Test Freq. (MHz)	5210																																																													
Polarization	Vertical																																																															
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																																
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Modulation	ax HE80	Test Freq. (MHz)	5290
Polarization	Horizontal		
Test By :Paul Lin Temperature(°C):25 Humidity(%):62			
<div><div><div>Level (dBUV/m)</div><div><div><div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div>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Modulation	ax HE80	Test Freq. (MHz)	5290																																																												
Polarization	Vertical																																																														
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																															
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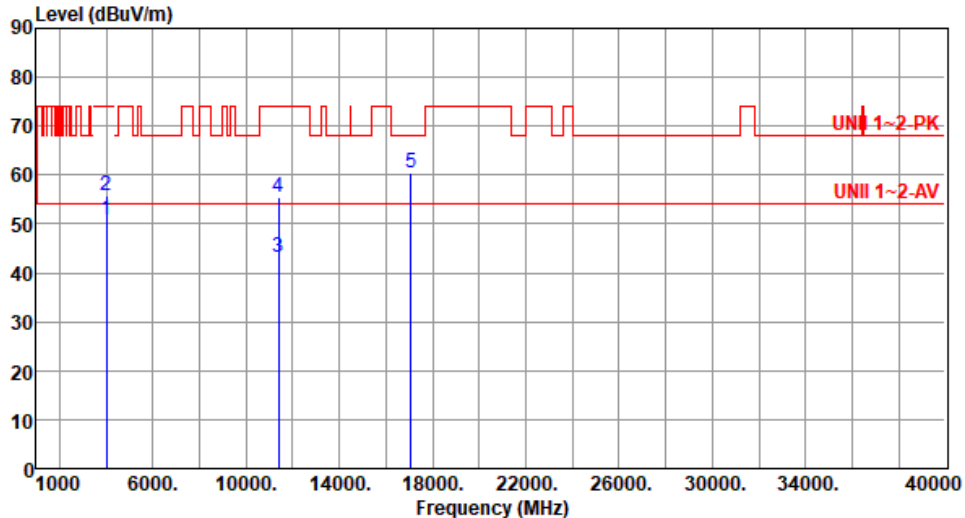


Modulation	ax HE80		Test Freq. (MHz)		5530																																																													
Polarization	Horizontal																																																																	
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	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																									
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Polarization	Vertical																																																														
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																															
<div><table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>4000.00</td><td>44.63</td><td>54.00</td><td>-9.37</td><td>46.87</td><td>-2.24</td><td>Average</td><td>303</td><td>205</td></tr><tr><td>2</td><td>4000.00</td><td>51.72</td><td>74.00</td><td>-22.28</td><td>53.96</td><td>-2.24</td><td>Peak</td><td>303</td><td>205</td></tr><tr><td>3</td><td>11060.00</td><td>42.71</td><td>54.00</td><td>-11.29</td><td>35.36</td><td>7.35</td><td>Average</td><td>100</td><td>106</td></tr><tr><td>4</td><td>11060.00</td><td>55.89</td><td>74.00</td><td>-18.11</td><td>48.54</td><td>7.35</td><td>Peak</td><td>100</td><td>106</td></tr><tr><td>5</td><td>16590.00</td><td>59.23</td><td>68.20</td><td>-8.97</td><td>53.28</td><td>5.95</td><td>Peak</td><td>100</td><td>183</td></tr></table></div>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4000.00	44.63	54.00	-9.37	46.87	-2.24	Average	303	205	2	4000.00	51.72	74.00	-22.28	53.96	-2.24	Peak	303	205	3	11060.00	42.71	54.00	-11.29	35.36	7.35	Average	100	106	4	11060.00	55.89	74.00	-18.11	48.54	7.35	Peak	100	106	5	16590.00	59.23	68.20	-8.97	53.28	5.95	Peak	100	183
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																						
1	4000.00	44.63	54.00	-9.37	46.87	-2.24	Average	303	205																																																						
2	4000.00	51.72	74.00	-22.28	53.96	-2.24	Peak	303	205																																																						
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Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																															



Modulation	ax HE80	Test Freq. (MHz)	5690																																																												
Polarization	Horizontal																																																														
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																															
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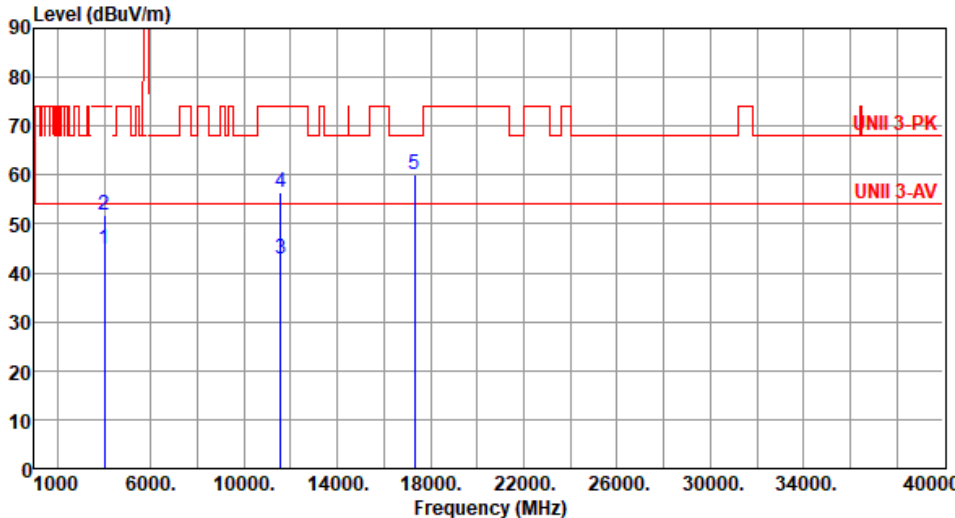


Modulation	ax HE80	Test Freq. (MHz)	5690																																																													
Polarization	Vertical																																																															
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																																
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	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																							
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Modulation	ax HE80	Test Freq. (MHz)	5775																																																												
Polarization	Horizontal																																																														
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																															
<div></div> <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>4000.00</td><td>50.82</td><td>54.00</td><td>-3.18</td><td>53.06</td><td>-2.24</td><td>Average</td><td>288</td><td>139</td></tr><tr><td>2</td><td>4000.00</td><td>55.73</td><td>74.00</td><td>-18.27</td><td>57.97</td><td>-2.24</td><td>Peak</td><td>288</td><td>139</td></tr><tr><td>3</td><td>11550.00</td><td>42.92</td><td>54.00</td><td>-11.08</td><td>35.91</td><td>7.01</td><td>Average</td><td>100</td><td>225</td></tr><tr><td>4</td><td>11550.00</td><td>55.77</td><td>74.00</td><td>-18.23</td><td>48.76</td><td>7.01</td><td>Peak</td><td>100</td><td>225</td></tr><tr><td>5</td><td>17325.00</td><td>60.27</td><td>68.20</td><td>-7.93</td><td>54.17</td><td>6.10</td><td>Peak</td><td>100</td><td>189</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4000.00	50.82	54.00	-3.18	53.06	-2.24	Average	288	139	2	4000.00	55.73	74.00	-18.27	57.97	-2.24	Peak	288	139	3	11550.00	42.92	54.00	-11.08	35.91	7.01	Average	100	225	4	11550.00	55.77	74.00	-18.23	48.76	7.01	Peak	100	225	5	17325.00	60.27	68.20	-7.93	54.17	6.10	Peak	100	189
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																						
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Modulation	ax HE80	Test Freq. (MHz)	5775																																																													
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Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																																
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ST M.2, PCIe Module

Unwanted Emissions (Below 1GHz)

Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5580
Polarization	Horizontal		
Test By :Paul Lin Temperature(°C):24 Humidity(%):66			
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(dBUV/m)</div><div><div><div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div>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Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5785																																																																						
Polarization	Horizontal																																																																								
Test By :Paul Lin Temperature(°C):24 Humidity(%):66																																																																									
<div><div><div>Level (dBUV/m)</div><div><div>CLASS-B</div></div></div><table><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>73.83</td><td>35.72</td><td>40.00</td><td>-4.28</td><td>47.88</td><td>-12.16</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>2</td><td>135.73</td><td>36.31</td><td>43.50</td><td>-7.19</td><td>46.05</td><td>-9.74</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>194.90</td><td>38.59</td><td>43.50</td><td>-4.91</td><td>50.27</td><td>-11.68</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>4</td><td>247.28</td><td>37.11</td><td>46.00</td><td>-8.89</td><td>47.23</td><td>-10.12</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>324.88</td><td>35.79</td><td>46.00</td><td>-10.21</td><td>43.31</td><td>-7.52</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>6</td><td>378.23</td><td>36.24</td><td>46.00</td><td>-9.76</td><td>42.35</td><td>-6.11</td><td>Peak</td><td>---</td><td>---</td></tr></table></div>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	73.83	35.72	40.00	-4.28	47.88	-12.16	Peak	---	---	2	135.73	36.31	43.50	-7.19	46.05	-9.74	Peak	---	---	3	194.90	38.59	43.50	-4.91	50.27	-11.68	Peak	---	---	4	247.28	37.11	46.00	-8.89	47.23	-10.12	Peak	---	---	5	324.88	35.79	46.00	-10.21	43.31	-7.52	Peak	---	---	6	378.23	36.24	46.00	-9.76	42.35	-6.11	Peak	---	---
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
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<div>Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m). Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.</div>																																																																									



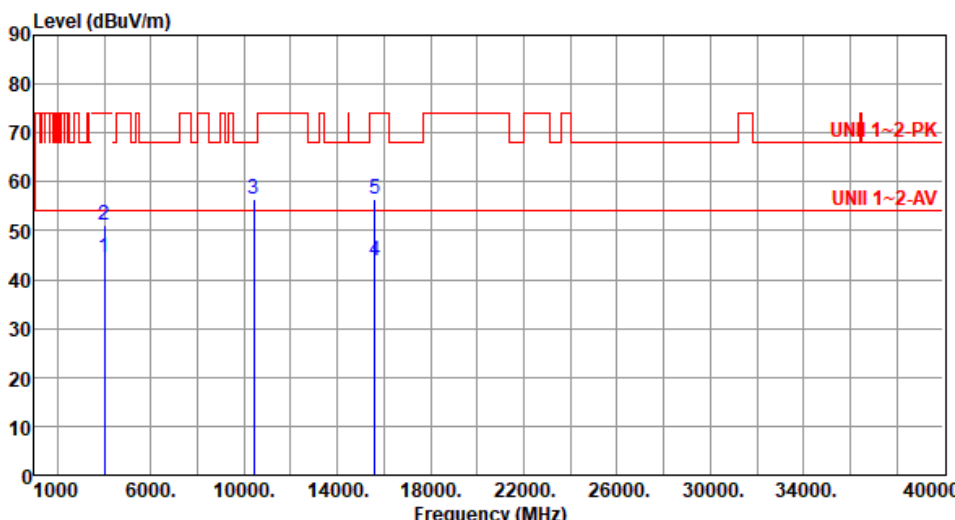
Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5785
Polarization	Vertical		
Test By :Paul Lin Temperature(°C):24 Humidity(%):66			
<div><div><div>Level (dBUV/m)</div><div><div><div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div>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Unwanted Emissions (Above 1GHz)

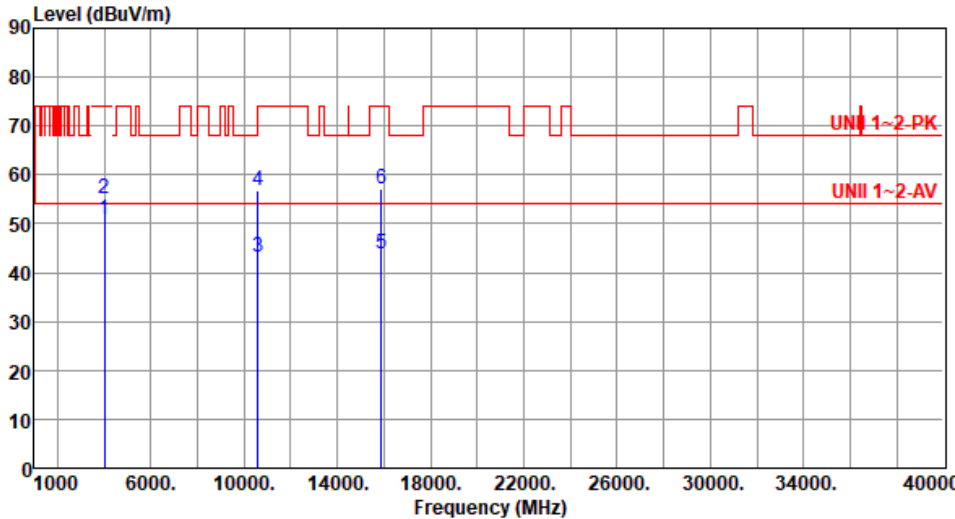
Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5200
Polarization	Horizontal		
Test By :Paul Lin Temperature(°C):25 Humidity(%):62			
<div><div><div>Level (dBuV/m)</div><div><div><div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div>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Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5200						
Polarization	Vertical								
Test By :Paul Lin Temperature(°C):25 Humidity(%):62									
<div></div>									
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	4000.00	44.41	54.00	-9.59	46.65	-2.24	Average	302	212
2	4000.00	51.03	74.00	-22.97	53.27	-2.24	Peak	302	212
3	10400.00	56.42	68.20	-11.78	49.31	7.11	Peak	100	141
4	15600.00	43.93	54.00	-10.07	40.08	3.85	Average	100	180
5	15600.00	56.62	74.00	-17.38	52.77	3.85	Peak	100	180

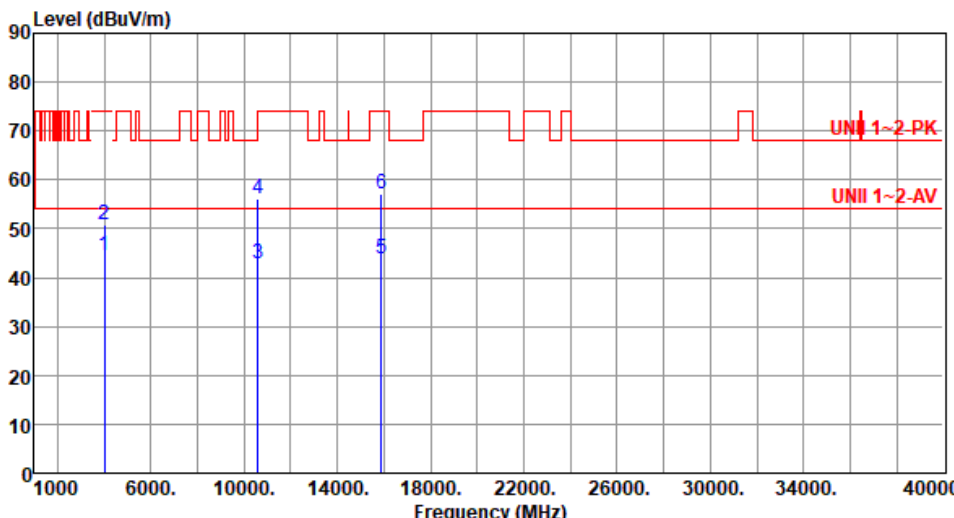
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).



Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5300						
Polarization	Horizontal								
Test By :Paul Lin Temperature(°C):25 Humidity(%):62									
<div></div>									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	4000.00	50.83	54.00	-3.17	53.07	-2.24	Average	286	135
2	4000.00	55.14	74.00	-18.86	57.38	-2.24	Peak	286	135
3	10600.00	43.01	54.00	-10.99	35.84	7.17	Average	100	188
4	10600.00	56.73	74.00	-17.27	49.56	7.17	Peak	100	188
5	15900.00	43.72	54.00	-10.28	39.67	4.05	Average	100	109
6	15900.00	57.26	74.00	-16.74	53.21	4.05	Peak	100	109

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE20-OFDMA		Test Freq. (MHz)		5300																																																																										
Polarization	Vertical																																																																														
Test By :Paul Lin			Temperature(°C):25			Humidity(%):62																																																																									
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	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																						
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Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5580																																																												
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2	4000.00	55.18	74.00	-18.82	57.42	-2.24	Peak	289	137																																																						
3	11160.00	43.20	54.00	-10.80	36.27	6.93	Average	100	164																																																						
4	11160.00	56.28	74.00	-17.72	49.35	6.93	Peak	100	164																																																						
5	16740.00	59.65	68.20	-8.55	53.30	6.35	Peak	100	99																																																						

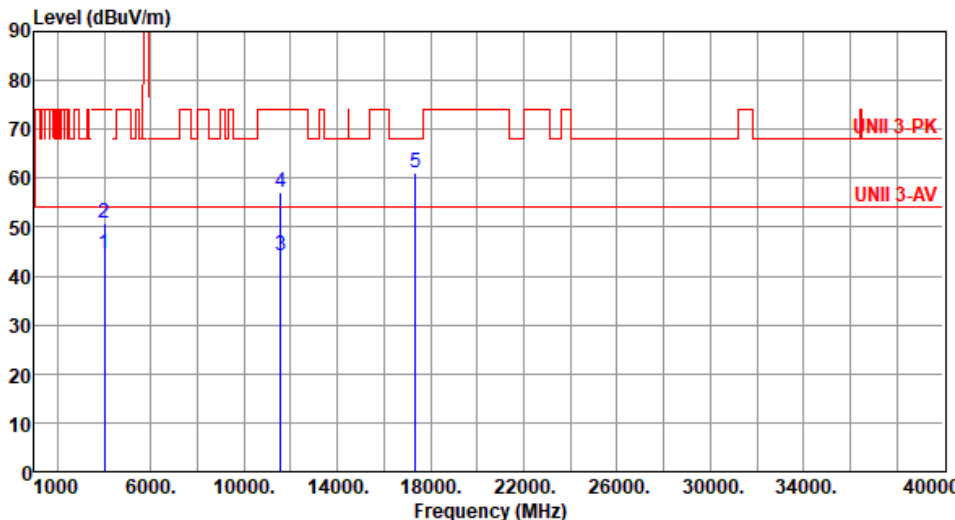


Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5580																																																											
Polarization	Vertical																																																													
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																														
<div><table><thead><tr><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>4000.00</td><td>44.24</td><td>54.00</td><td>-9.76</td><td>46.48</td><td>-2.24</td><td>Average</td><td>311</td><td>206</td></tr><tr><td>2</td><td>4000.00</td><td>51.00</td><td>74.00</td><td>-23.00</td><td>53.24</td><td>-2.24</td><td>Peak</td><td>311</td><td>206</td></tr><tr><td>3</td><td>11160.00</td><td>43.36</td><td>54.00</td><td>-10.64</td><td>36.43</td><td>6.93</td><td>Average</td><td>100</td><td>118</td></tr><tr><td>4</td><td>11160.00</td><td>56.25</td><td>74.00</td><td>-17.75</td><td>49.32</td><td>6.93</td><td>Peak</td><td>100</td><td>118</td></tr><tr><td>5</td><td>16740.00</td><td>59.86</td><td>68.20</td><td>-8.34</td><td>53.51</td><td>6.35</td><td>Peak</td><td>100</td><td>83</td></tr></tbody></table></div>				Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4000.00	44.24	54.00	-9.76	46.48	-2.24	Average	311	206	2	4000.00	51.00	74.00	-23.00	53.24	-2.24	Peak	311	206	3	11160.00	43.36	54.00	-10.64	36.43	6.93	Average	100	118	4	11160.00	56.25	74.00	-17.75	49.32	6.93	Peak	100	118	5	16740.00	59.86	68.20	-8.34	53.51	6.35	Peak	100	83
Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																						
1	4000.00	44.24	54.00	-9.76	46.48	-2.24	Average	311	206																																																					
2	4000.00	51.00	74.00	-23.00	53.24	-2.24	Peak	311	206																																																					
3	11160.00	43.36	54.00	-10.64	36.43	6.93	Average	100	118																																																					
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Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																														



Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5785																																																												
Polarization	Horizontal																																																														
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																															
<div></div> <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>4000.00</td><td>50.83</td><td>54.00</td><td>-3.17</td><td>53.07</td><td>-2.24</td><td>Average</td><td>286</td><td>135</td></tr><tr><td>2</td><td>4000.00</td><td>55.18</td><td>74.00</td><td>-18.82</td><td>57.42</td><td>-2.24</td><td>Peak</td><td>286</td><td>135</td></tr><tr><td>3</td><td>11570.00</td><td>43.52</td><td>54.00</td><td>-10.48</td><td>36.57</td><td>6.95</td><td>Average</td><td>100</td><td>203</td></tr><tr><td>4</td><td>11570.00</td><td>55.18</td><td>74.00</td><td>-18.82</td><td>48.23</td><td>6.95</td><td>Peak</td><td>100</td><td>203</td></tr><tr><td>5</td><td>17355.00</td><td>60.75</td><td>68.20</td><td>-7.45</td><td>54.53</td><td>6.22</td><td>Peak</td><td>100</td><td>119</td></tr></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4000.00	50.83	54.00	-3.17	53.07	-2.24	Average	286	135	2	4000.00	55.18	74.00	-18.82	57.42	-2.24	Peak	286	135	3	11570.00	43.52	54.00	-10.48	36.57	6.95	Average	100	203	4	11570.00	55.18	74.00	-18.82	48.23	6.95	Peak	100	203	5	17355.00	60.75	68.20	-7.45	54.53	6.22	Peak	100	119
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																						
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Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																															



Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5785																																																												
Polarization	Vertical																																																														
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																															
<div></div> <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>4000.00</td><td>44.41</td><td>54.00</td><td>-9.59</td><td>46.65</td><td>-2.24</td><td>Average</td><td>308</td><td>216</td></tr><tr><td>2</td><td>4000.00</td><td>50.88</td><td>74.00</td><td>-23.12</td><td>53.12</td><td>-2.24</td><td>Peak</td><td>308</td><td>216</td></tr><tr><td>3</td><td>11570.00</td><td>44.06</td><td>54.00</td><td>-9.94</td><td>37.11</td><td>6.95</td><td>Average</td><td>100</td><td>158</td></tr><tr><td>4</td><td>11570.00</td><td>57.24</td><td>74.00</td><td>-16.76</td><td>50.29</td><td>6.95</td><td>Peak</td><td>100</td><td>158</td></tr><tr><td>5</td><td>17355.00</td><td>61.13</td><td>68.20</td><td>-7.07</td><td>54.91</td><td>6.22</td><td>Peak</td><td>100</td><td>63</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4000.00	44.41	54.00	-9.59	46.65	-2.24	Average	308	216	2	4000.00	50.88	74.00	-23.12	53.12	-2.24	Peak	308	216	3	11570.00	44.06	54.00	-9.94	37.11	6.95	Average	100	158	4	11570.00	57.24	74.00	-16.76	50.29	6.95	Peak	100	158	5	17355.00	61.13	68.20	-7.07	54.91	6.22	Peak	100	63
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																						
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3	11570.00	44.06	54.00	-9.94	37.11	6.95	Average	100	158																																																						
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ST M.2, SDIO Module

Unwanted Emissions (Below 1GHz)

Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5580
Polarization	Horizontal		
Test By :Paul Lin Temperature(°C):24 Humidity(%):66			
<div><div><div>Level (dBUV/m)</div><div><div><div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div>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Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5580																																																																						
Polarization	Vertical																																																																								
Test By :Paul Lin Temperature(°C):24 Humidity(%):66																																																																									
<div><table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>42.57</td><td>36.48</td><td>40.00</td><td>-3.52</td><td>44.83</td><td>-8.35</td><td>QP</td><td>100</td><td>181</td></tr><tr><td>2</td><td>132.82</td><td>33.67</td><td>43.50</td><td>-9.83</td><td>43.81</td><td>-10.14</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>192.58</td><td>35.24</td><td>43.50</td><td>-8.26</td><td>46.79</td><td>-11.55</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>4</td><td>381.14</td><td>34.52</td><td>46.00</td><td>-11.48</td><td>40.52</td><td>-6.00</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>445.21</td><td>34.61</td><td>46.00</td><td>-11.39</td><td>38.95</td><td>-4.34</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>6</td><td>600.27</td><td>42.52</td><td>46.00</td><td>-3.48</td><td>43.44</td><td>-0.92</td><td>Peak</td><td>---</td><td>---</td></tr></tbody></table></div>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	42.57	36.48	40.00	-3.52	44.83	-8.35	QP	100	181	2	132.82	33.67	43.50	-9.83	43.81	-10.14	Peak	---	---	3	192.58	35.24	43.50	-8.26	46.79	-11.55	Peak	---	---	4	381.14	34.52	46.00	-11.48	40.52	-6.00	Peak	---	---	5	445.21	34.61	46.00	-11.39	38.95	-4.34	Peak	---	---	6	600.27	42.52	46.00	-3.48	43.44	-0.92	Peak	---	---
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
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<div>Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m). Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.</div>																																																																									



Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5785
Polarization	Horizontal		
Test By :Paul Lin Temperature(°C):24 Humidity(%):66			
<div><div><div>Level (dBuV/m)</div><div><div><div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div>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Test By :Paul Lin Temperature(°C):24 Humidity(%):66			
<div><div><div>Level (dBuV/m)</div><div><div><div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div>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Frequency: 5300 MHz	Frequency Drift (ppm)			
Temperature (°C)	0 minute	2 minutes	5 minutes	10 minutes
T20°C V _{max}	-13.02	-12.49	-12.90	-13.26
T20°C V _{min}	-13.58	-13.80	-13.23	-13.75
T85°C V _{nom}	15.38	16.21	15.41	15.46
T80°C V _{nom}	16.51	17.19	16.52	16.47
T70°C V _{nom}	16.28	16.75	16.36	16.22
T60°C V _{nom}	14.72	14.93	14.51	14.88
T50°C V _{nom}	12.45	12.67	12.44	12.78
T40°C V _{nom}	6.51	6.90	6.53	6.38
T30°C V _{nom}	-4.43	-4.56	-4.59	-4.13
T20°C V _{nom}	-14.15	-14.14	-13.65	-13.90
T10°C V _{nom}	-12.08	-11.91	-11.43	-12.13
T0°C V _{nom}	-9.25	-9.25	-9.24	-8.92
T-10°C V _{nom}	-2.72	-2.46	-2.44	-2.12
T-20°C V _{nom}	-2.87	-2.95	-3.01	-2.96
T-30°C V _{nom}	-1.66	-0.93	-2.07	-1.73
T-40°C V _{nom}	-0.92	-0.59	-0.45	-0.76
V _{nom} [V]: 3.3	V _{max} [V]: 3.795		V _{min} [V]: 2.805	
T _{nom} [°C]: 20	T _{max} [°C]: 85		T _{min} [°C]: -40	



Frequency: 5785 MHz	Frequency Drift (ppm)			
Temperature (°C)	0 minute	2 minutes	5 minutes	10 minutes
T20°C V _{max}	-10.72	-10.28	-10.42	-10.80
T20°C V _{min}	-11.06	-11.10	-11.09	-11.52
T85°C V _{nom}	14.87	15.02	15.31	14.91
T80°C V _{nom}	16.51	17.12	16.67	17.13
T70°C V _{nom}	14.71	14.68	15.32	15.52
T60°C V _{nom}	14.04	14.72	14.27	14.32
T50°C V _{nom}	11.91	11.69	12.25	12.59
T40°C V _{nom}	6.57	6.55	6.71	7.22
T30°C V _{nom}	-6.14	-5.97	-6.22	-5.83
T20°C V _{nom}	-11.93	-11.80	-11.46	-11.60
T10°C V _{nom}	-9.40	-9.36	-9.47	-8.89
T0°C V _{nom}	-8.25	-8.51	-7.91	-7.72
T-10°C V _{nom}	-6.48	-6.39	-6.66	-6.91
T-20°C V _{nom}	-2.82	-2.62	-3.04	-2.36
T-30°C V _{nom}	-1.88	-1.77	-1.76	-2.04
T-40°C V _{nom}	-0.95	-0.90	-1.23	-0.55
V _{nom} [V]: 3.3	V _{max} [V]: 3.795		V _{min} [V]: 2.805	
T _{nom} [°C]: 20	T _{max} [°C]: 85		T _{min} [°C]: -40	



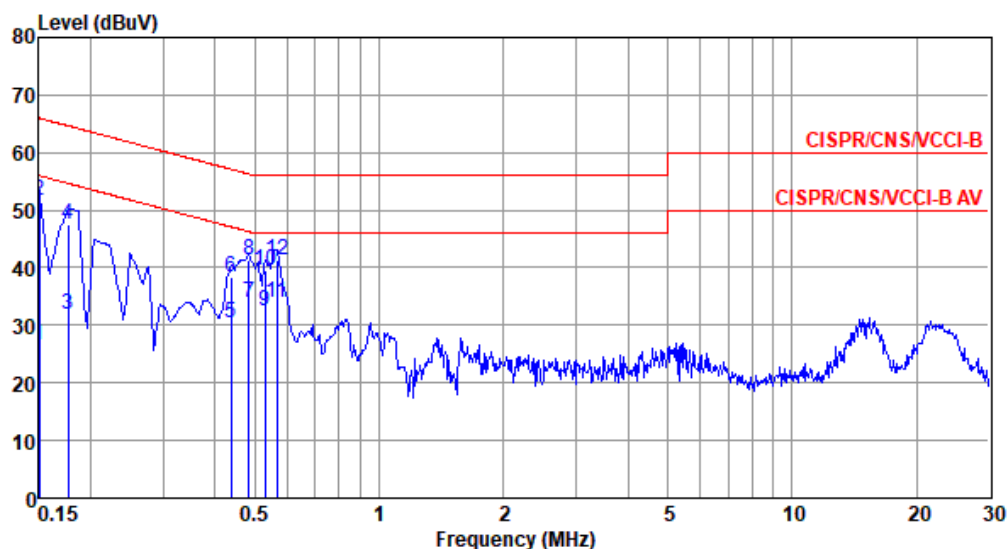
SC Module with PCB Dipole antenna

Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5580
Power Phase	Line		

Test by : Joe Liao

Temperature: 22°C

Humidity: 68%



	Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.150	26.62	56.00	-29.38	16.75	9.63	0.06	0.18	Average
2	0.150	51.75	66.00	-14.25	41.88	9.63	0.06	0.18	QP
3	0.177	31.77	54.64	-22.87	21.90	9.62	0.06	0.19	Average
4	0.177	47.65	64.64	-16.99	37.78	9.62	0.06	0.19	QP
5	0.437	30.49	47.11	-16.62	20.51	9.62	0.06	0.30	Average
6	0.437	38.32	57.11	-18.79	28.34	9.62	0.06	0.30	QP
7	0.484	33.98	46.27	-12.29	23.98	9.62	0.07	0.31	Average
8	0.484	41.22	56.27	-15.05	31.22	9.62	0.07	0.31	QP
9	0.529	32.57	46.00	-13.43	22.56	9.62	0.08	0.31	Average
10	0.529	39.54	56.00	-16.46	29.53	9.62	0.08	0.31	QP
11*	0.564	33.96	46.00	-12.04	23.95	9.62	0.08	0.31	Average
12	0.564	41.35	56.00	-14.65	31.34	9.62	0.08	0.31	QP

Note 1: Level (dBUV) = Read Level (dBUV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).

2: Over Limit (dB) = Level (dBUV) - Limit Line (dBUV).

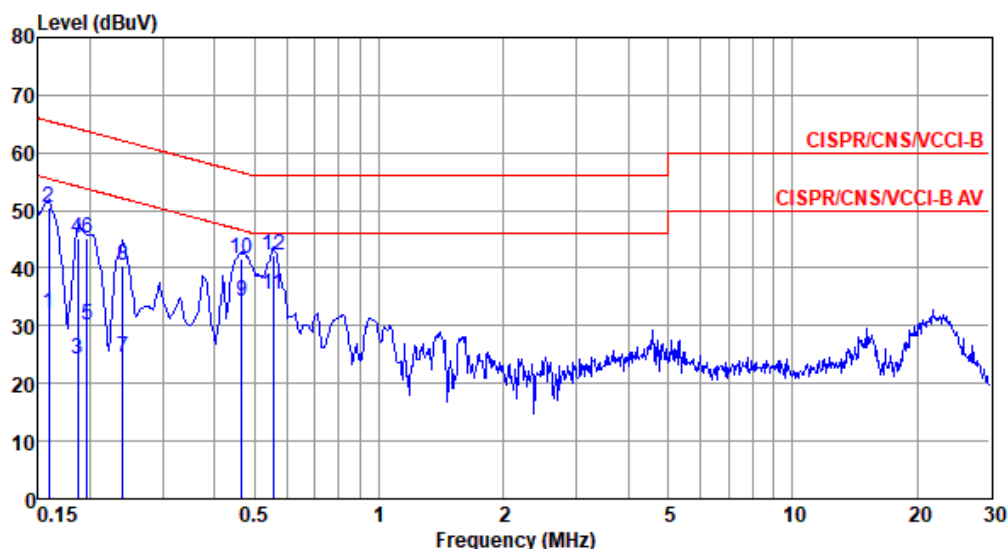


Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5580
Power Phase	Neutral		

Test by : Joe Liao

Temperature: 22°C

Humidity: 68%



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.159	32.19	55.52	-23.33	22.32	9.63	0.06	0.18	Average
2	0.159	50.44	65.52	-15.08	40.57	9.63	0.06	0.18	QP
3	0.186	24.22	54.20	-29.98	14.34	9.63	0.06	0.19	Average
4	0.186	45.18	64.20	-19.02	35.30	9.63	0.06	0.19	QP
5	0.197	30.21	53.76	-23.55	20.33	9.63	0.06	0.19	Average
6	0.197	45.19	63.76	-18.57	35.31	9.63	0.06	0.19	QP
7	0.240	24.60	52.08	-27.48	14.69	9.63	0.06	0.22	Average
8	0.240	40.34	62.08	-21.74	30.43	9.63	0.06	0.22	QP
9	0.466	34.22	46.58	-12.36	24.22	9.62	0.07	0.31	Average
10	0.466	41.48	56.58	-15.10	31.48	9.62	0.07	0.31	QP
11*	0.555	35.38	46.00	-10.62	25.37	9.62	0.08	0.31	Average
12	0.555	42.24	56.00	-13.76	32.23	9.62	0.08	0.31	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).

2: Over Limit (dB) = Level (dBuV) - Limit Line (dBuV).

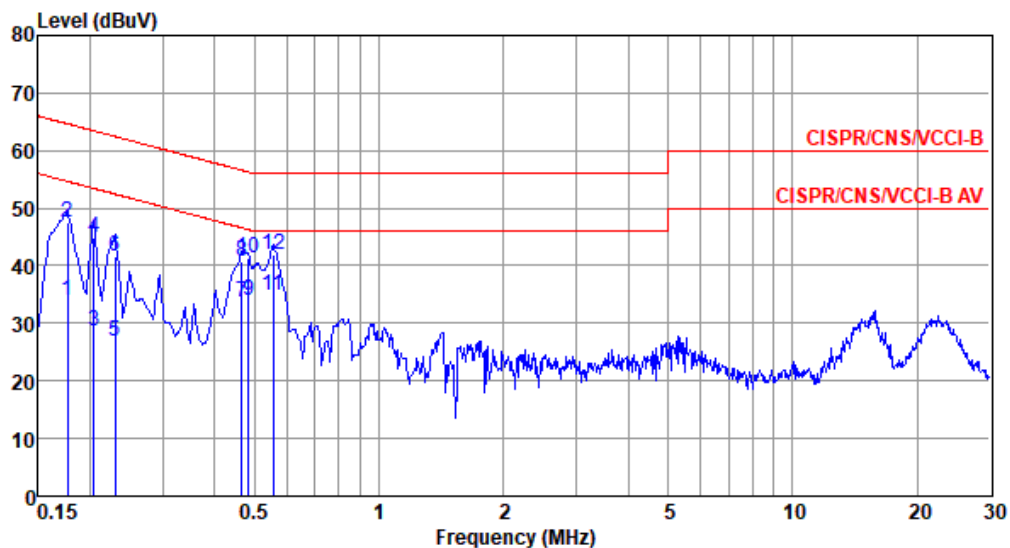


Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5785
Power Phase	Line		

Test by : Joe Liao

Temperature: 22°C

Humidity: 68%



	Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.177	33.90	54.64	-20.74	24.03	9.62	0.06	0.19	Average
2	0.177	47.53	64.64	-17.11	37.66	9.62	0.06	0.19	QP
3	0.204	28.72	53.45	-24.73	18.85	9.62	0.06	0.19	Average
4	0.204	44.75	63.45	-18.70	34.88	9.62	0.06	0.19	QP
5	0.230	26.77	52.44	-25.67	16.88	9.62	0.06	0.21	Average
6	0.230	41.52	62.44	-20.92	31.63	9.62	0.06	0.21	QP
7	0.466	33.55	46.58	-13.03	23.55	9.62	0.07	0.31	Average
8	0.466	40.73	56.58	-15.85	30.73	9.62	0.07	0.31	QP
9	0.484	34.08	46.27	-12.19	24.08	9.62	0.07	0.31	Average
10	0.484	41.20	56.27	-15.07	31.20	9.62	0.07	0.31	QP
11*	0.555	34.94	46.00	-11.06	24.93	9.62	0.08	0.31	Average
12	0.555	42.04	56.00	-13.96	32.03	9.62	0.08	0.31	QP

Note 1: Level (dBUV) = Read Level (dBUV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).

2: Over Limit (dB) = Level (dBUV) - Limit Line (dBUV).

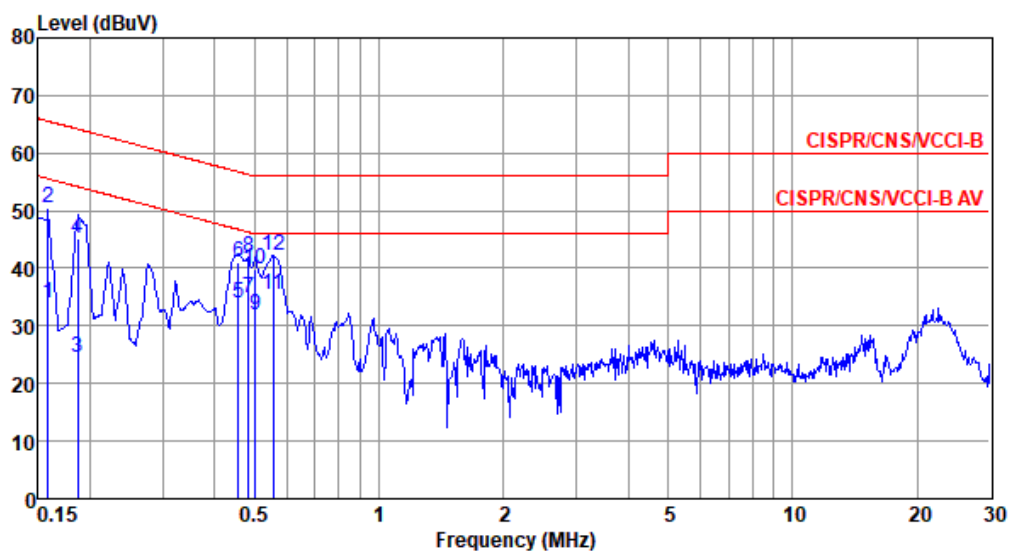


Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5785
Power Phase	Neutral		

Test by : Joe Liao

Temperature: 22°C

Humidity: 68%



	Freq	Level	Limit	Over	Read	Factor	Cable	Aux	Remark
	MHz	dBuV	Line	Limit	Level	dB	loss	dB	
			dBuV	dB	dBuV		dB		
1	0.158	33.87	55.56	-21.69	24.00	9.63	0.06	0.18	Average
2	0.158	50.53	65.56	-15.03	40.66	9.63	0.06	0.18	QP
3	0.186	24.52	54.20	-29.68	14.64	9.63	0.06	0.19	Average
4	0.186	45.19	64.20	-19.01	35.31	9.63	0.06	0.19	QP
5	0.456	33.98	46.76	-12.78	23.99	9.62	0.07	0.30	Average
6	0.456	41.09	56.76	-15.67	31.10	9.62	0.07	0.30	QP
7	0.484	34.78	46.27	-11.49	24.78	9.62	0.07	0.31	Average
8	0.484	41.87	56.27	-14.40	31.87	9.62	0.07	0.31	QP
9	0.502	31.97	46.00	-14.03	21.97	9.62	0.07	0.31	Average
10	0.502	39.97	56.00	-16.03	29.97	9.62	0.07	0.31	QP
11*	0.555	35.32	46.00	-10.68	25.31	9.62	0.08	0.31	Average
12	0.555	42.24	56.00	-13.76	32.23	9.62	0.08	0.31	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).

2: Over Limit (dB) = Level (dBuV) - Limit Line (dBuV).



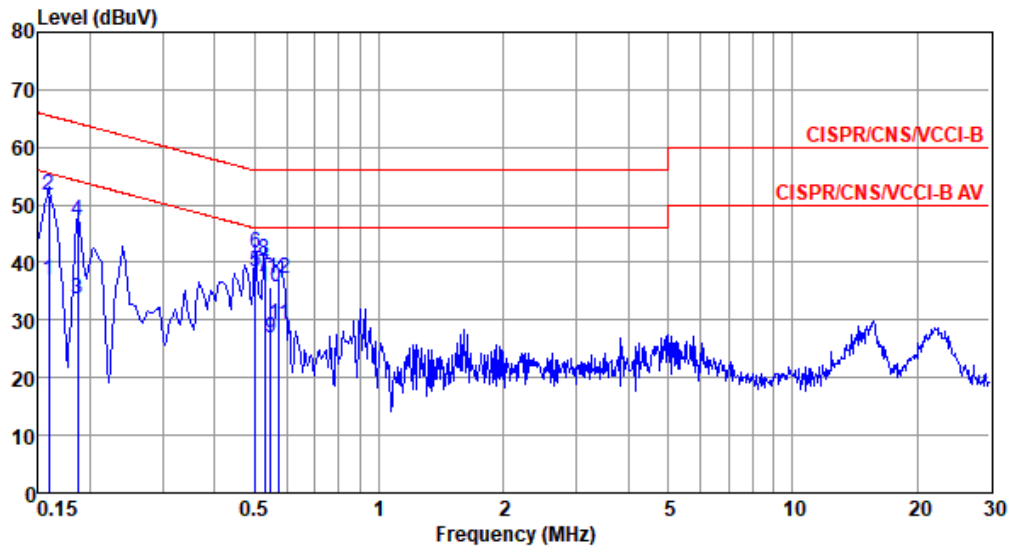
ST M.2, SDIO Module with PCB Dipole antenna

Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5580
Power Phase	Line		

Test by : Joe Liao

Temperature: 22°C

Humidity: 68%



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.159	36.93	55.52	-18.59	27.06	9.63	0.06	0.18	Average
2	0.159	51.80	65.52	-13.72	41.93	9.63	0.06	0.18	QP
3	0.186	33.75	54.20	-20.45	23.88	9.62	0.06	0.19	Average
4	0.186	47.20	64.20	-17.00	37.33	9.62	0.06	0.19	QP
5*	0.502	38.46	46.00	-7.54	28.46	9.62	0.07	0.31	Average
6	0.502	41.61	56.00	-14.39	31.61	9.62	0.07	0.31	QP
7	0.529	37.71	46.00	-8.29	27.70	9.62	0.08	0.31	Average
8	0.529	40.54	56.00	-15.46	30.53	9.62	0.08	0.31	QP
9	0.546	26.94	46.00	-19.06	16.93	9.62	0.08	0.31	Average
10	0.546	35.65	56.00	-20.35	25.64	9.62	0.08	0.31	QP
11	0.573	29.17	46.00	-16.83	19.16	9.62	0.08	0.31	Average
12	0.573	37.33	56.00	-18.67	27.32	9.62	0.08	0.31	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).

2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

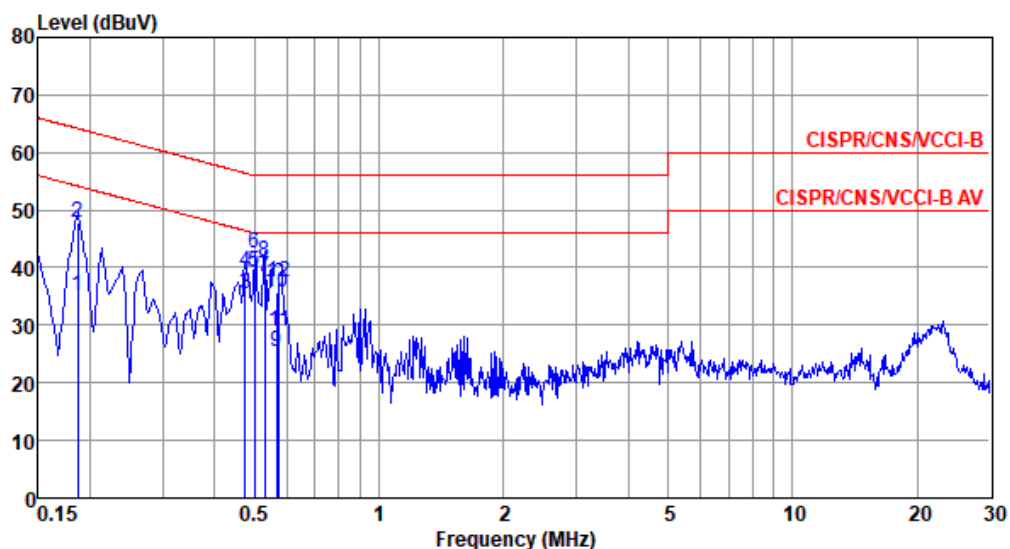


Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5580
Power Phase	Neutral		

Test by : Joe Liao

Temperature: 22°C

Humidity: 68%



	Freq	Level	Limit	Over	Read	Factor	Cable	Aux	Remark
	MHz	dBuV	Line	Limit	Level	dB	loss	dB	
			dBuV	dB	dBuV		dB		
1	0.186	35.20	54.20	-19.00	25.32	9.63	0.06	0.19	Average
2	0.186	47.70	64.20	-16.50	37.82	9.63	0.06	0.19	QP
3	0.474	35.30	46.45	-11.15	25.30	9.62	0.07	0.31	Average
4	0.474	39.19	56.45	-17.26	29.19	9.62	0.07	0.31	QP
5*	0.500	39.22	46.00	-6.78	29.22	9.62	0.07	0.31	Average
6	0.500	42.36	56.00	-13.64	32.36	9.62	0.07	0.31	QP
7	0.529	38.35	46.00	-7.65	28.34	9.62	0.08	0.31	Average
8	0.529	41.15	56.00	-14.85	31.14	9.62	0.08	0.31	QP
9	0.564	25.24	46.00	-20.76	15.23	9.62	0.08	0.31	Average
10	0.564	35.82	56.00	-20.18	25.81	9.62	0.08	0.31	QP
11	0.573	28.85	46.00	-17.15	18.84	9.62	0.08	0.31	Average
12	0.573	37.39	56.00	-18.61	27.38	9.62	0.08	0.31	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).

2: Over Limit (dB) = Level (dBuV) - Limit Line (dBuV).

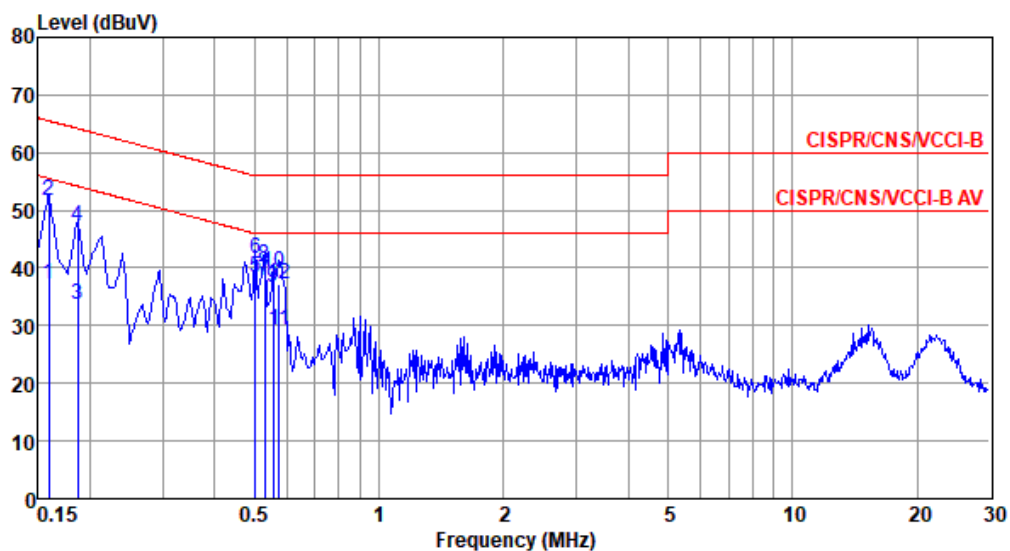


Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5785
Power Phase	Line		

Test by : Joe Liao

Temperature: 22°C

Humidity: 68%



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.159	37.15	55.52	-18.37	27.28	9.63	0.06	0.18	Average
2	0.159	51.80	65.52	-13.72	41.93	9.63	0.06	0.18	QP
3	0.186	33.67	54.20	-20.53	23.80	9.62	0.06	0.19	Average
4	0.186	47.26	64.20	-16.94	37.39	9.62	0.06	0.19	QP
5*	0.502	38.46	46.00	-7.54	28.46	9.62	0.07	0.31	Average
6	0.502	41.62	56.00	-14.38	31.62	9.62	0.07	0.31	QP
7	0.529	37.67	46.00	-8.33	27.66	9.62	0.08	0.31	Average
8	0.529	40.56	56.00	-15.44	30.55	9.62	0.08	0.31	QP
9	0.555	36.68	46.00	-9.32	26.67	9.62	0.08	0.31	Average
10	0.555	39.29	56.00	-16.71	29.28	9.62	0.08	0.31	QP
11	0.573	29.10	46.00	-16.90	19.09	9.62	0.08	0.31	Average
12	0.573	37.19	56.00	-18.81	27.18	9.62	0.08	0.31	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).

2: Over Limit (dB) = Level (dBuV) - Limit Line (dBuV).

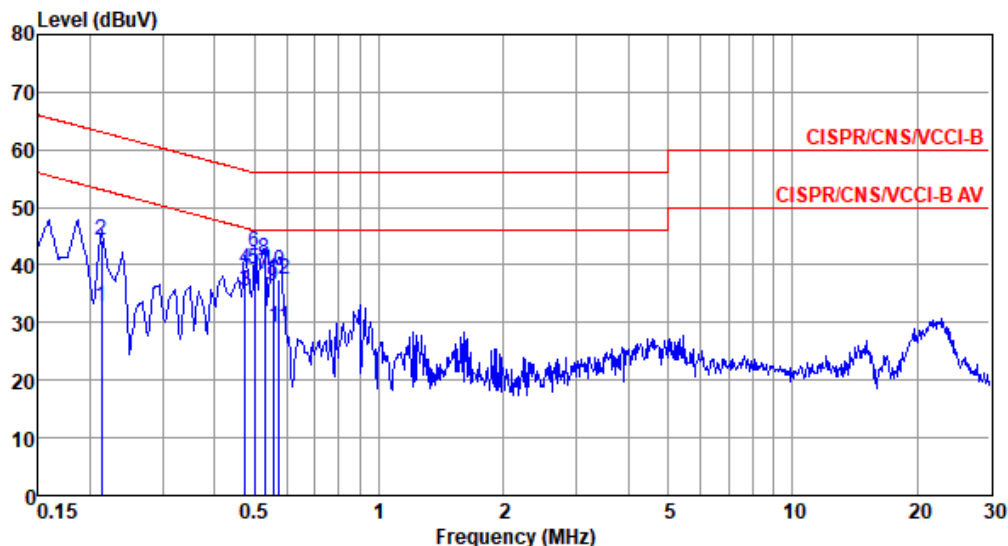


Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5785
Power Phase	Neutral		

Test by : Joe Liao

Temperature: 22°C

Humidity: 68%



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.213	32.64	53.10	-20.46	22.75	9.63	0.06	0.20	Average
2	0.213	44.39	63.10	-18.71	34.50	9.63	0.06	0.20	QP
3	0.474	35.44	46.45	-11.01	25.44	9.62	0.07	0.31	Average
4	0.474	39.23	56.45	-17.22	29.23	9.62	0.07	0.31	QP
5*	0.500	39.20	46.00	-6.80	29.20	9.62	0.07	0.31	Average
6	0.500	42.36	56.00	-13.64	32.36	9.62	0.07	0.31	QP
7	0.529	38.30	46.00	-7.70	28.29	9.62	0.08	0.31	Average
8	0.529	41.14	56.00	-14.86	31.13	9.62	0.08	0.31	QP
9	0.555	36.34	46.00	-9.66	26.33	9.62	0.08	0.31	Average
10	0.555	38.98	56.00	-17.02	28.97	9.62	0.08	0.31	QP
11	0.573	29.33	46.00	-16.67	19.32	9.62	0.08	0.31	Average
12	0.573	37.60	56.00	-18.40	27.59	9.62	0.08	0.31	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).

2: Over Limit (dB) = Level (dBuV) - Limit Line (dBuV).



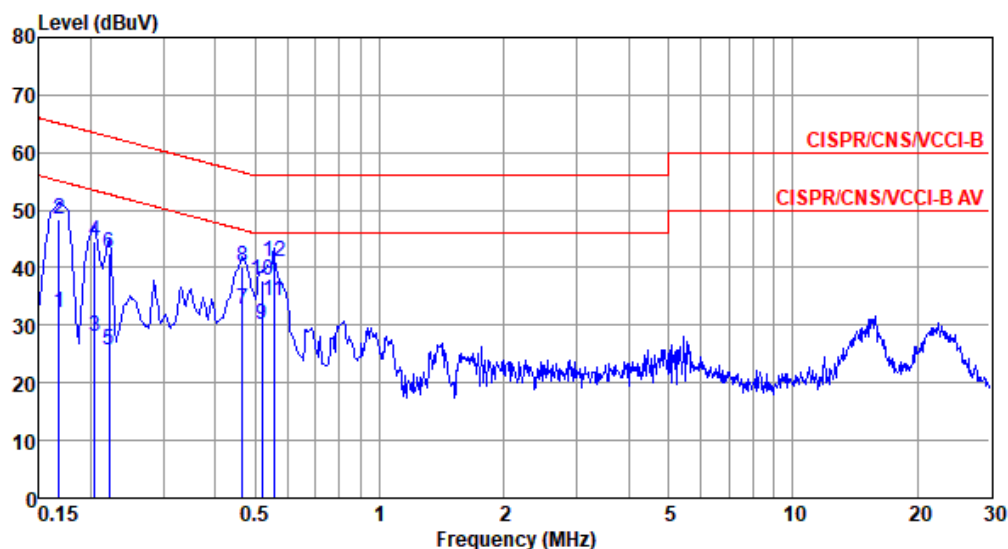
ST M.2, PCIe Module with PCB Dipole antenna

Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5580
Power Phase	Line		

Test by : Joe Liao

Temperature: 22°C

Humidity: 68%



	Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.168	32.08	55.08	-23.00	22.21	9.63	0.06	0.18	Average
2	0.168	48.52	65.08	-16.56	38.65	9.63	0.06	0.18	QP
3	0.204	28.15	53.45	-25.30	18.28	9.62	0.06	0.19	Average
4	0.204	44.60	63.45	-18.85	34.73	9.62	0.06	0.19	QP
5	0.222	25.68	52.74	-27.06	15.79	9.62	0.06	0.21	Average
6	0.222	42.62	62.74	-20.12	32.73	9.62	0.06	0.21	QP
7	0.466	32.87	46.58	-13.71	22.87	9.62	0.07	0.31	Average
8	0.466	40.04	56.58	-16.54	30.04	9.62	0.07	0.31	QP
9	0.518	30.20	46.00	-15.80	20.20	9.62	0.07	0.31	Average
10	0.518	37.88	56.00	-18.12	27.88	9.62	0.07	0.31	QP
11*	0.555	34.25	46.00	-11.75	24.24	9.62	0.08	0.31	Average
12	0.555	41.11	56.00	-14.89	31.10	9.62	0.08	0.31	QP

Note 1: Level (dBUV) = Read Level (dBUV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).

2: Over Limit (dB) = Level (dBUV) – Limit Line (dBUV).

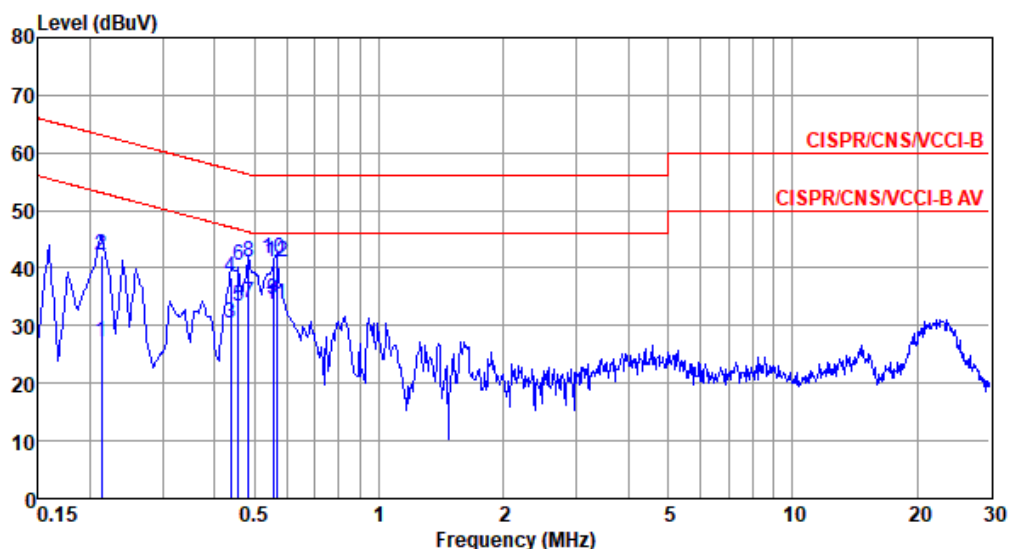


Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5580
Power Phase	Neutral		

Test by : Joe Liao

Temperature: 22°C

Humidity: 68%



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.213	27.17	53.10	-25.93	17.28	9.63	0.06	0.20	Average
2	0.213	42.28	63.10	-20.82	32.39	9.63	0.06	0.20	QP
3	0.437	30.48	47.11	-16.63	20.50	9.62	0.06	0.30	Average
4	0.437	38.43	57.11	-18.68	28.45	9.62	0.06	0.30	QP
5	0.456	33.33	46.76	-13.43	23.34	9.62	0.07	0.30	Average
6	0.456	40.30	56.76	-16.46	30.31	9.62	0.07	0.30	QP
7	0.484	33.96	46.27	-12.31	23.96	9.62	0.07	0.31	Average
8	0.484	41.07	56.27	-15.20	31.07	9.62	0.07	0.31	QP
9*	0.555	34.62	46.00	-11.38	24.61	9.62	0.08	0.31	Average
10	0.555	41.48	56.00	-14.52	31.47	9.62	0.08	0.31	QP
11	0.564	33.60	46.00	-12.40	23.59	9.62	0.08	0.31	Average
12	0.564	41.04	56.00	-14.96	31.03	9.62	0.08	0.31	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).

2: Over Limit (dB) = Level (dBuV) - Limit Line (dBuV).

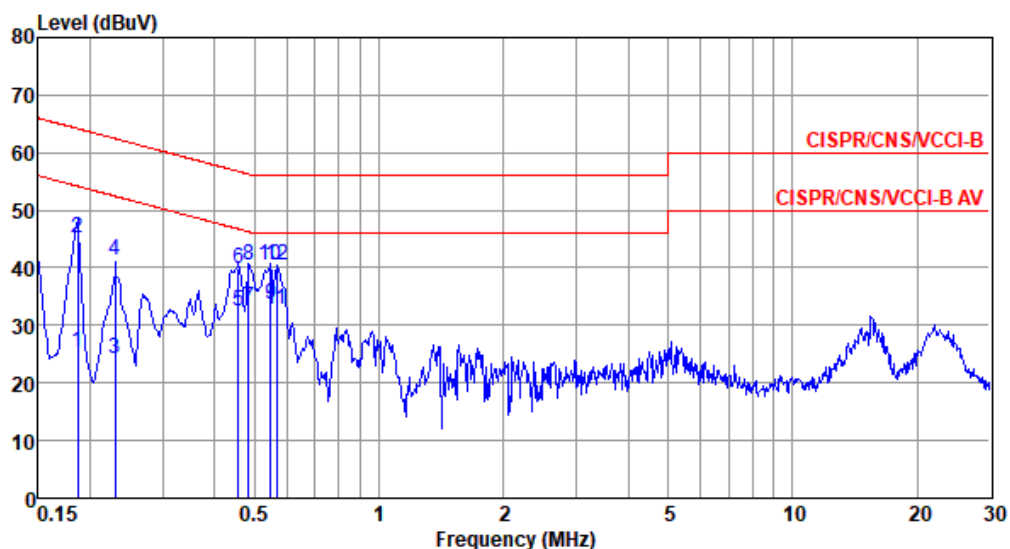


Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5785
Power Phase	Line		

Test by : Joe Liao

Temperature: 22°C

Humidity: 68%



	Freq	Level	Limit	Over	Read	Factor	Cable	Aux	Remark
	MHz	dBuV	Line	Limit	Level	dB	loss	dB	
1	0.186	25.45	54.20	-28.75	15.58	9.62	0.06	0.19	Average
2	0.186	45.10	64.20	-19.10	35.23	9.62	0.06	0.19	QP
3	0.230	24.17	52.44	-28.27	14.28	9.62	0.06	0.21	Average
4	0.230	41.45	62.44	-20.99	31.56	9.62	0.06	0.21	QP
5	0.456	32.58	46.76	-14.18	22.59	9.62	0.07	0.30	Average
6	0.456	39.74	56.76	-17.02	29.75	9.62	0.07	0.30	QP
7	0.484	33.16	46.27	-13.11	23.16	9.62	0.07	0.31	Average
8	0.484	40.39	56.27	-15.88	30.39	9.62	0.07	0.31	QP
9*	0.546	33.59	46.00	-12.41	23.58	9.62	0.08	0.31	Average
10	0.546	40.58	56.00	-15.42	30.57	9.62	0.08	0.31	QP
11	0.564	32.89	46.00	-13.11	22.88	9.62	0.08	0.31	Average
12	0.564	40.38	56.00	-15.62	30.37	9.62	0.08	0.31	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).

2: Over Limit (dB) = Level (dBuV) - Limit Line (dBuV).

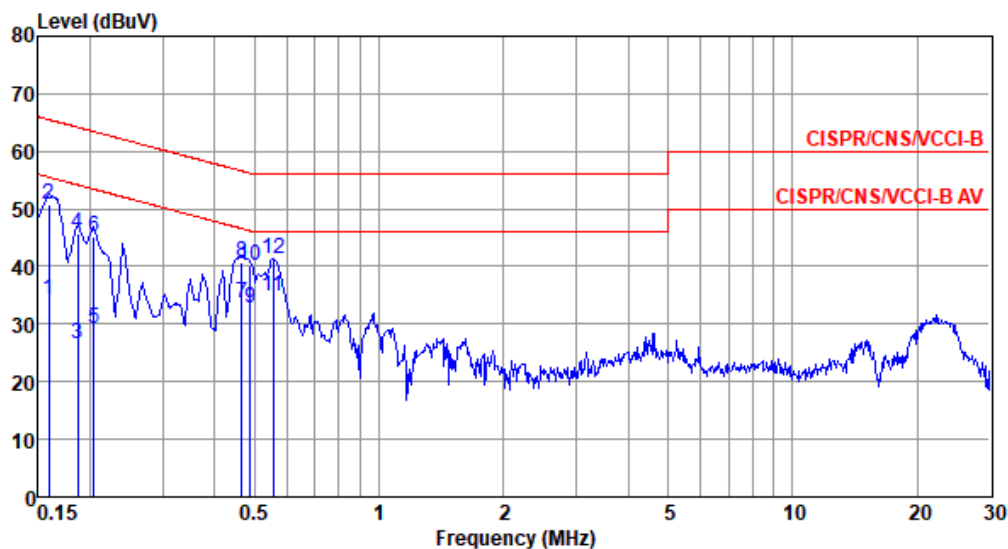


Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5785
Power Phase	Neutral		

Test by : Joe Liao

Temperature: 22°C

Humidity: 68%



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.159	34.30	55.52	-21.22	24.43	9.63	0.06	0.18	Average
2	0.159	50.89	65.52	-14.63	41.02	9.63	0.06	0.18	QP
3	0.186	26.69	54.20	-27.51	16.81	9.63	0.06	0.19	Average
4	0.186	45.74	64.20	-18.46	35.86	9.63	0.06	0.19	QP
5	0.204	29.23	53.45	-24.22	19.35	9.63	0.06	0.19	Average
6	0.204	45.04	63.45	-18.41	35.16	9.63	0.06	0.19	QP
7	0.466	33.58	46.58	-13.00	23.58	9.62	0.07	0.31	Average
8	0.466	40.73	56.58	-15.85	30.73	9.62	0.07	0.31	QP
9	0.489	32.62	46.19	-13.57	22.62	9.62	0.07	0.31	Average
10	0.489	40.15	56.19	-16.04	30.15	9.62	0.07	0.31	QP
11*	0.555	34.70	46.00	-11.30	24.69	9.62	0.08	0.31	Average
12	0.555	41.40	56.00	-14.60	31.39	9.62	0.08	0.31	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).

2: Over Limit (dB) = Level (dBuV) - Limit Line (dBuV).