

Technical Acceptance Certificate
Issued by
Sporton International (USA) Inc.

Certification Information								
Certificate Number	SN23I0205							
ISED Certification Number:	3147A-SONAIF573							
Approval Date:	8/24/2023							
Certificate Holder	Laird Connectivity LLC W66N220 Commerce Court Cedarburg WI 53012 United States Of America (Excluding The States Of Alaska)							
Type of Application	New single certification							
Product Identification Information								
HVIN / Model Number	Sona IF573							
PMN	453-00117;453-00118;453-00119;453-00120							
FVIN	N/A							
HMN	N/A							
Equipment Description:	Sona IF573 802.11ax Wi-Fi 6E Module with Bluetooth 5.4							
Type of Radio Equipment: (Equipment Category)	Wireless Local Area Network Device, Other							
Lab Information								ISED Lab #
Wireless Lab:	INTERNATIONAL CERTIFICATION CORPORATION EMC AND WIRELESS COMMUNICATION LABORATORY No. 3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Taoyuan City, 333 CHINESE TAIPEI jeff@icertifi.com.tw							10807A
RF Exposure Lab:	INTERNATIONAL CERTIFICATION CORPORATION EMC AND WIRELESS COMMUNICATION LABORATORY No. 3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Taoyuan City, 333 CHINESE TAIPEI jeff@icertifi.com.tw							10807A
Technical Specification								
Specification	Issue # & Date	Frequency Range (MHz)		Emission Designator	Power (W)		Field Strength	Dist.
		From	To		Min.	Max.		
RSS-247	Issue 3, Aug. 2023	2412	2462	12M2G1D	0.249	0.249	--	--
RSS-247	Issue 3, Aug. 2023	2412	2462	19M1D1D	0.629	0.629	--	--
RSS-247	Issue 3, Aug. 2023	5180	5240	19M1D1D	0.088	0.088	--	--
RSS-247	Issue 3, Aug. 2023	5190	5230	37M6D1D	0.148	0.148	--	--
RSS-247	Issue 3, Aug. 2023	5210	5210	77M2D1D	0.056	0.056	--	--
RSS-247	Issue 3, Aug. 2023	5260	5320	19M1D1D	0.064	0.064	--	--
RSS-247	Issue 3, Aug. 2023	5270	5310	37M7D1D	0.067	0.067	--	--
RSS-247	Issue 3, Aug. 2023	5290	5290	77M0D1D	0.021	0.021	--	--
RSS-247	Issue 3, Aug. 2023	5500	5580	19M7D1D	0.147	0.147	--	--
RSS-247	Issue 3, Aug. 2023	5510	5550	37M7D1D	0.077	0.077	--	--
RSS-247	Issue 3, Aug. 2023	5530	5530	77M1D1D	0.017	0.017	--	--
RSS-247	Issue 3, Aug. 2023	5700	5720	19M1D1D	0.105	0.105	--	--
RSS-247	Issue 3, Aug. 2023	5670	5710	37M7D1D	0.109	0.109	--	--
RSS-247	Issue 3, Aug. 2023	5690	5690	73M5D1D	0.111	0.111	--	--
RSS-247	Issue 3, Aug. 2023	5745	5825	19M2D1D	0.145	0.145	--	--
RSS-247	Issue 3, Aug. 2023	5755	5795	37M6D1D	0.114	0.114	--	--

RSS-247	Issue 3, Aug. 2023	5755	5755	77M1D1D	0.089	0.089	--	--
RSS-248	Issue 2, Dec. 2022	5955	7115	19M1D1D	0.027	0.027	--	--
RSS-248	Issue 2, Dec. 2022	5965	7085	37M7D1D	0.027	0.027	--	--
RSS-248	Issue 2, Dec. 2022	5985	7025	77M2D1D	0.027	0.027	--	--
RSS-247	Issue 3, Aug. 2023	2402	2480	2M04F1D	0.008	0.008	--	--
RSS-247	Issue 3, Aug. 2023	2402	2480	871KF1D	0.007	0.007	--	--
RSS-247	Issue 3, Aug. 2023	2402	2480	1M20G1D	0.005	0.005	--	--

Antenna Information

Dipole / PIFA / PCB Dipole Antenna.


Approval Conditions

Power listed is maximum conducted output power for RSS-247, and EIRP for RSS-248. The device is restricted to indoor use only when operating in the 5150 to 5250 MHz frequency range. OEM must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance. Separate approval is required for all other operating configurations, including portable configurations with respect to RSS-102 and different antenna configurations. The module (PMN: 453-00118) can only be used with a host antenna circuit trace layout design in strict compliance with the OEM instructions provided.

Labeling Requirement	RSS-GEN section 4 http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf08449.html#s4
Market Surveillance Requirements	It is required by Innovation, Science and Economic Development Canada (ISED) to perform Market Surveillance activities on those products Certification Body / Sporton International USA Inc. certified. If the product is being selected by CB for auditing purpose, certification holder should make provisions to always have product samples upon request by the CB or by ISED's Certification and Engineering Bureau (CEB). The CB shall notify the Bureau if the request for a sample cannot be met.

Certification of equipment means only that the equipment has met the requirements of the above-noted specification. License applications, where applicable to use certified equipment, are acted on accordingly by the ISED issuing office and will depend on the existing radio environment, service and location of operation. This certificate is issued on condition that the holder complies and will continue to comply with the requirements and procedures issued by ISED. The equipment for which this certificate is issued shall not be manufactured, imported, distributed, leased, offered for sale or sold unless the equipment complies with the applicable technical specifications and procedures issued by ISED.

La certification du matériel signifie seulement que le matériel a satisfait aux exigences de la norme indiquée ci-dessus. Les demandes de licences nécessaires pour l'utilisation du matériel certifié sont traitées en conséquence par le bureau de délivrance d'ISDE et dépendent des conditions radio ambiantes, du service et de l'emplacement d'exploitation. Le présent certificat est délivré à la condition que le titulaire satisfasse et continue de satisfaire aux exigences et aux procédures d'ISDE. Le matériel à l'égard duquel le présent certificat est délivré ne doit pas être fabriqué, importé, distribué, loué, mis en vente ou vendu à moins d'être conforme aux procédures et aux spécifications techniques applicables publiées par ISDE.

Authorized Signature	
	I hereby attest that the subject equipment was tested and found in compliance with the above noted specification J'atteste, par la présente, que le matériel a fait l'objet d'essai et a été jugé conforme à la spécification ci-dessus.
Name of Signer	Evan Chen
	Foreign Certification Body (FCB)