



Sporton International (USA) Inc.
 1175 Montague Expressway, Milpitas, CA 95035, U.S.A.
 Telephone No: 1-408-904-3300; www.sporton.com.tw

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

Certification Information								
Certificate Number	SN22I0246							
ISED Certification Number:	2468C-WX3310B1							
Approval Date:	11/17/2022							
Certificate Holder	Zyxel Communications Corporation No.2 Industry East RD. IX, Hsinchu Science Park, Hsinchu 30075 Taiwan							
Type of Application	New single certification							
Product Identification Information								
HVIN / Model Number	WX3310-B1							
PMN	AX5400 Gigabit Wireless Extender							
FVIN	N/A							
HMN	N/A							
Equipment Description:	AX5400 Gigabit Wireless Extender							
Type of Radio Equipment: (Equipment Category)	Router/Access Point- Networking, Wireless Local Area Network Device (Indoor Only)							
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 2, Feb. 2017	2412	2462	12M0G1D	0.927	0.927	--	--
RSS-247	Issue 2, Feb. 2017	2412	2462	19M4D1D	0.807	0.807	--	--
RSS-247	Issue 2, Feb. 2017	2422	2452	37M7D1D	0.231	0.231	--	--
RSS-247	Issue 2, Feb. 2017	5180	5240	19M2D1D	0.169	0.169	--	--
RSS-247	Issue 2, Feb. 2017	5190	5230	38M0D1D	0.193	0.193	--	--
RSS-247	Issue 2, Feb. 2017	5210	5210	77M7D1D	0.184	0.184	--	--
RSS-247	Issue 2, Feb. 2017	5250	5250	78M5D1D	0.182	0.182	--	--
RSS-247	Issue 2, Feb. 2017	5260	5320	19M2D1D	0.075	0.075	--	--
RSS-247	Issue 2, Feb. 2017	5270	5310	38M0D1D	0.076	0.076	--	--
RSS-247	Issue 2, Feb. 2017	5290	5290	77M7D1D	0.072	0.072	--	--
RSS-247	Issue 2, Feb. 2017	5250	5250	78M6D1D	0.057	0.057	--	--
RSS-247	Issue 2, Feb. 2017	5500	5580	19M2D1D	0.221	0.221	--	--
RSS-247	Issue 2, Feb. 2017	5510	5550	38M0D1D	0.22	0.22	--	--
RSS-247	Issue 2, Feb. 2017	5530	5530	77M8D1D	0.223	0.223	--	--
RSS-247	Issue 2, Feb. 2017	5700	5720	19M2D1D	0.178	0.178	--	--
RSS-247	Issue 2, Feb. 2017	5670	5710	38M0D1D	0.244	0.244	--	--



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RSS-247	Issue 2, Feb. 2017	5690	5690	73M6D1D	0.231	0.231	--	--
RSS-247	Issue 2, Feb. 2017	5745	5825	19M7D1D	0.906	0.906	--	--
RSS-247	Issue 2, Feb. 2017	5755	5795	38M9D1D	0.897	0.897	--	--
RSS-247	Issue 2, Feb. 2017	5775	5775	78M2D1D	0.585	0.585	--	--

Antenna Information

PIFA Antennas internal to the device.


Approval Conditions

Power listed is maximum conducted power, and EIRP for WLAN 5150 to 5250 MHz. This device supports 2x2 MIMO for Wi-Fi operations which support 20 MHz and 40 MHz bandwidth mode in 2.4 GHz WLAN and 4x4 MIMO for Wi-Fi operations which support 20 MHz, 40 MHz, 80 MHz and 160 MHz bandwidth modes in 5 GHz WLAN. The device is restricted to indoor use only when operating in the 5150 to 5250 MHz frequency range. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 24 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter, except in accordance with ISSED procedures for multiple transmitters.

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 ISSED'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 ISSED 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 ISSED. 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 ISSED.

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)