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	SN26I0343
ISED Certification Number:	21098-ESP868501
Certificate Holder	ESPRESSIF SYSTEMS (SHANGHAI) CO., LTD.
	Suite 204, Block 2, 690 Bibo Road, Zhang Jiang HiTech Park, Shanghai 201203 China
Type of Application	New single certification

Product Identification Information	
HVIN / Model Number	ESP8685-WROOM-01
PMN	ESP8685-WROOM-01
FVIN	V1.1.3.4
HMN	N/A
Equipment Description:	2.4GHz Wi-Fi & BT IoT Module
Type of Radio Equipment: (Equipment Category)	Wireless Local Area Network Device Other

Lab Information		ISED Lab #
Wireless Lab :	**SPORTON INTERNATIONAL INC.(KUNSHAN)** No. 1098, Pengxi North Road, Kunshan Economic Development Zone, Jiangsu Province 215300, P.R.C. TEL: +86-512-57900158 / FAX: +86-512-57900958 markqu@sporton-lab.com	4086E
RF exposure Lab:	**SPORTON INTERNATIONAL INC.(KUNSHAN)** No. 1098, Pengxi North Road, Kunshan Economic Development Zone, Jiangsu Province 215300, P.R.C. TEL: +86-512-57900158 / FAX: +86-512-57900958 markqu@sporton-lab.com	4086E

Technical Specification

Specification	Issue # & Date	Frequency Range (MHz)		Emission Designator	Power (W)		Field Strength	Dist.
		From	To		Min.	Max.		
RSS-247	Issue 4, Jul. 2025	2402	2480	2M13F1D	0.0630	0.0630	-	-
RSS-247	Issue 4, Jul. 2025	2412	2462	13M0G1D	0.0828	0.0828	-	-
RSS-247	Issue 4, Jul. 2025	2412	2462	17M7D1D	0.3532	0.3532	-	-
RSS-247	Issue 4, Jul. 2025	2422	2452	36M0D1D	0.3206	0.3206	-	-

Antenna Information

Antenna Type	Maximum Antenna Gains (dBi)
PCB Antenna	2402-2480 MHz: 3.26 dBi

Approval Conditions

New single certification : Single Modular Approval. Output power is conducted. The module antenna(s) must be installed to meet the RF exposure compliance separation distance of 20 cm and any additional testing and authorization process as required. The grantee must provide OEM integrators with installation and operating instructions for satisfying ISED multi-transmitter product guidelines.

Labeling Requirement	RSS-GEN Issue 5 section 4 Labelling Requirements
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) within 30 days from the request date. The CB shall notify the Bureau if the request for a sample cannot be met.

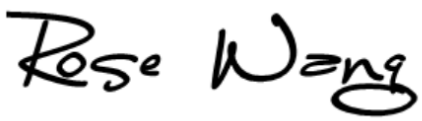
This certificate is considered valid based on the following conditions:

- **The certified products must continue to comply with the latest issue of all applicable ISED standards**
- **This certificate does not constitute a radio licence, where required by the applicable ISED standard(s), a radio license must be obtained from an ISED regional office prior to product operation**
- **The certified products shall not be manufactured, imported, distributed, leased, offered for sale, or sold unless the product certification information is listed on ISED's Radio Equipment List (REL)**
- **For ISED and/or CB audit purposes, sample of certified product shall be made available to ISED and/or CB**

Ce certificat est considéré valide sur la base des conditions suivantes :

- **Les produits certifiés doivent continuer à être conformes à la dernière version de toutes les normes d'ISDE applicables.**
- **Ce certificat ne constitue pas une licence radio. Si une licence radio est requise selon la ou les normes d'ISDE applicables, la licence radio doit être obtenue auprès du bureau régional d'ISDE avant l'exploitation du produit.**
- **Les produits certifiés ne doivent pas être fabriqués, importés, distribués, loués, mis en vente ou vendus à moins que les informations relatives à la certification du produit figurent dans la Nomenclature du matériel radio (NMR) d'ISDE.**
- **À des fins d'audit de la part d'ISDE et/ou de l'OC, des échantillons de produits certifiés doivent être mis à la disposition d'ISDE et/ou de l'OC.**

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.

Foreign Certification Body / Authorized Signatures		
Name of Signer, Title	Rose Wang, Reviewer	Evan Chen, Decision Maker
Issue Date	Jul. 23, 2026	Jul. 23, 2026