

TCB

**GRANT OF EQUIPMENT
AUTHORIZATION**

TCB

**Certification
Issued Under the Authority of the
Federal Communications Commission
By:**

**Nemko North America, INC.
303 River Road
Ottawa, Ontario, K1V 1H2
Canada**

**Date of Grant: 11/13/2017
Application Dated: 11/11/2017**

ESPRESSIF SYSTEMS (SHANGHAI) PTE LTD

456 Bibo Road Room A201

Shanghai, 201203

China

Attention: Minjie Cai

NOT TRANSFERABLE

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is VALID ONLY for the equipment identified hereon for use under the Commission's Rules and Regulations listed below.

FCC IDENTIFIER: 2AC7Z-ESPWROOM02D
Name of Grantee: ESPRESSIF SYSTEMS (SHANGHAI)
PTE LTD
Equipment Class: Digital Transmission System
Notes: Wi-Fi Internet of Things Module
Modular Type: Single Modular

<u>Grant Notes</u>	<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
	15C	2412.0 - 2462.0	0.0357		

Single modular approval. Output power listed is conducted. This device is to be used only for mobile and fixed applications. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other transmitter. OEM integrators must be provided with antenna installation instructions and labeling requirements for finished products. OEM integrators and End-users must be provided with transmitter operation conditions for satisfying RF exposure compliance. This grant is valid only when the device is sold to OEM integrators and the OEM integrators are instructed to ensure that the end user has no manual instructions to remove or install the device. Separate approval is required for all other operating configurations, including portable configurations with respect to 2.1093 and different antenna configurations.