

**TCB**

**GRANT OF EQUIPMENT  
AUTHORIZATION**

**TCB**

**Certification**

**Issued Under the Authority of the  
Federal Communications Commission**

**By:**

**Bay Area Compliance Laboratory Corp.  
1274 Anvilwood Avenue  
Sunnyvale, CA 94089**

**Date of Grant: 05/07/2020**

**Application Dated: 05/07/2020**

**ESPRESSIF SYSTEMS (SHANGHAI) CO., LTD**

**Suite 204, Block 2, 690 Bibo Road,  
Zhang Jiang Hi-Tech Park,  
Shanghai, 201203  
China**

**Attention: Jian Huang**

**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-ESPWROOM32UE  
**Name of Grantee:** ESPRESSIF SYSTEMS (SHANGHAI) CO., LTD  
**Equipment Class:** Digital Transmission System  
**Notes:** Wi-Fi & Bluetooth 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>
	<b>15C</b>	<b>2402.0 - 2480.0</b>	<b>0.003</b>		
	<b>15C</b>	<b>2412.0 - 2462.0</b>	<b>0.261</b>		

Single Modular Approval. Output power listed is conducted. This grant is valid only when the module is sold to OEM integrators and must be installed by the OEM or OEM integrators. Only those antenna(s) tested with the device or similar antenna(s) with equal or lesser gain may be used with this transmitter. 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 collocated or operating in conjunction with any other antenna or transmitter, except in accordance with FCC multi-transmitter product guidelines. End-users may not be provided with the module installation instructions. OEM integrators and end-users must be provided with transmitter operating conditions for satisfying RF exposure compliance. This device has 20 MHz and 40 MHz bandwidth mode.