

**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: 01/05/2023**

**Application Dated: 12/14/2022**

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

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

**Attention: Mia Zhou**

**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-ESP868507  
**Name of Grantee:** ESPRESSIF SYSTEMS (SHANGHAI)  
CO., LTD  
**Equipment Class:** Digital Transmission System  
**Notes:** 2.4GHz Wi-Fi & BT IoT Module  
**Modular Type:** Limited 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>0.0093</b>		
	<b>15C</b>	<b>2412.0 - 2462.0</b>	<b>0.2742</b>		

Limited single modular approval. This device has 20 MHz and 40 MHz bandwidth mode. Power output listed is conducted. This modular can only be used for mobile and fixed applications, with a host antenna circuit trace layout design in strict compliance with the OEM instructions provided. Compliance of this device in all final host configurations is the responsibility of the Grantee. The integrator installing this module into their product must ensure that the final composite product complies with the FCC requirements by a technical assessment or evaluation to the FCC rules, including the transmitter operation and should refer to guidance in KDB 996369. Separate approval is required for all other operating configurations, including portable configurations with respect to 2.1093 and different antenna configurations.