TCB

GRANT OF EQUIPMENT AUTHORIZATION

Issued Under the Authority of the
Federal Communications Commission

By:

KL-Certification GmbH
Heinrich-Hertz-Allee 7
St. Ingbert, 66386
Germany

Date of Grant: 12/22/2021
Application Dated: 12/22/2021

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-ESPWROOMDA
Name of Grantee: ESPRESSIF SYSTEMS (SHANGHAI) CO., LTD
Equipment Class: Digital Transmission System
Wi-Fi & Bluetooth Internet of Things Module
Modular Type: Single Modular

<table>
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<tr>
<th>Grant Notes</th>
<th>FCC Rule Parts</th>
<th>Frequency Range (MHz)</th>
<th>Output Watts</th>
<th>Frequency Tolerance</th>
<th>Emission Designator</th>
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</thead>
<tbody>
<tr>
<td>CC</td>
<td>15C</td>
<td>2402.0 - 2480.0</td>
<td>0.005</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CC</td>
<td>15C</td>
<td>2412.0 - 2462.0</td>
<td>0.081</td>
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</table>

Single Modular approval. The listed output power for Bluetooth low energy is peak
conducted. This grant is valid only when the module is sold to OEM or OEM integrators.
Modular approval for use as a module in mobile-only RF exposure conditions. Only those
antenna(s) tested with the device or similar antenna(s) with equal or lesser gain maybe
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 not be co-located with
any other transmitters, except in accordance with FCC multi-transmitter product
procedures. Compliance of this device in all final host configurations is the responsibility of
the Grantee. End-users must be provided with specific information required to satisfy RF
exposure compliance for the final host device. Installation of this device into portable RF
Exposure category host devices requires the submission of a Class II permissive change or
new application. This device supports 20 MHz and 40 MHz bandwidth modes.

CC: This device is certified pursuant to two different Part 15 rules sections.