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: Part 15 Spread Spectrum Transmitter
Notes: Wi-Fi & Bluetooth Internet of Things Module
Modular Type: Single Modular

<table>
<thead>
<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>
</tr>
</thead>
<tbody>
<tr>
<td>CC</td>
<td>15C</td>
<td>2402.0 - 2480.0</td>
<td>0.008</td>
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</tbody>
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Single Modular Approval. Output power listed is the maximum conducted output power.
This module is to be used only for mobile or fixed applications. Co-location of this module
with other transmitters that operate simultaneously are required to be evaluated using the
FCC multi-transmitter procedures. 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. Users and installers must be provided with antenna
installation instructions and transmitter operating 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 2.10/93 and different
antenna configurations.

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