

TCB**GRANT OF EQUIPMENT
AUTHORIZATION****TCB****Certification****Issued Under the Authority of the
Federal Communications Commission****By:****Timco Engineering, Inc.
849 NW State Road 45
P.O. Box 370,
Newberry, FL 32669****Date of Grant: 09/15/2017****Application Dated: 09/15/2017****Shenzhen Ai-Thinker Technology co., LTD
6/F,Block C2,Huafeng Industrial Park,
Hangcheng Road,Baoan district ,Shenzhen ,China
Shenzhen,
China****Attention: Mars Ma , Director of Marketing****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: 2AHMR-ESP12F
Name of Grantee: Shenzhen Ai-Thinker Technology co., LTD
Equipment Class: Digital Transmission System
Notes: ESP-12F
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 | 0.0436 | | |

Single Modular Approval. Power listed is maximum power conducted. This module is restricted to installation in products for use only in mobile and fixed applications. Approval is limited to OEM installation only. Compliance of this device in all final host configurations is the responsibility of the Grantee. 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. 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 transmit simultaneously with any other antenna or transmitter. Users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance. Grantee is responsible for providing specific testing instructions to host manufacturers for additional testing to verify compliance as a composite system. This includes retesting of transmitter module per part 15.31(h) and (k).