



BRP GPS module with Group Ride

RF certification / marking per country

| Covered part number | |
|----------------------------------|-----------|
| Model | BRP |
| GPS module with Group Ride CU | 515179191 |



RF Certification documentation

| | |
|--------------------------|-----------|
| 1. Canada and USA | 4 |
| 2. Colombia | 7 |
| 3. Costa Rica | 8 |
| 4. Bolivia | 8 |
| 5. Mexico | 9 |
| 6. Panama | 10 |



RF certification and marking per country



1. Canada and USA

USA and Canada :

This device complies with Part 15 of the FCC Rules / Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: :

1. this device may not cause interference, and
2. this device must accept any interference, including interference that may cause un- desired operation of the device.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Industrie Canada : <https://sms-sgs.ic.gc.ca/equipmentSearch/searchRadioEquipments?execution=e1s2>

IC: EDG2411130199E01401C

FCC ID: 212180266/AA/00

Details for IC:

Report number : EDG2411130199E01401R

Module Description : GPS module with group Ride

Module number : 515179191

Certificate number : EDG2411130199E01401C

2025-03-05





Certificate of Conformity
NO.:EDG2411130199E01401C

The device bearing the trade name and model specified following has been shown to comply with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified. (Refer to test report if any modifications were made for compliance).

| | |
|----------------|-------------------------------------------------|
| Applicant | : Mitek Corp |
| Address | : 1 Mitek Plaza Winslow IL 61089,United States. |
| Manufacturer | : Mitek Corp |
| Address | : 1 Mitek Plaza Winslow IL 61089,United States. |
| EUT | : BRP GPS Module with Group Ride |
| M/N | : 515179191 |
| Trade Mark | : N/A |
| Report No. | : EDG2411130199E01401R |
| Test Standards | : IC Regulation ICES-003: Issue 7 |
| Version | : Ver.1.0 |



Sam Lv(Manager)
March 05, 2025

Details for FCC:

FCC certificates of the Espressif Systems and Fanstel RF module:

Espressif module FCC certificate:



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: 01/21/2022
Application Dated: 01/17/2022

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-ESPS3WROOM1
Name of Grantee: ESPRESSIF SYSTEMS (SHANGHAI)
CO., LTD
Equipment Class: Digital Transmission System
Notes: 2.4GHz Wi-Fi & BT IoT Module
Modular Type: Single Modular

| Grant Notes | FCC Rule Parts | Frequency Range (MHZ) | Output Watts | Frequency Tolerance | Emission Designator |
|-------------|----------------|--------------------------|-----------------|------------------------|------------------------|
| | 15C | 2402.0 - 2480.0 | 0.0109 | | |
| | 15C | 2412.0 - 2462.0 | 0.3597 | | |

Single Modular Approval. Power output listed is conducted. This module has 20 MHz and 40 MHz bandwidth mode. The module grantee is responsible for providing the documentation to the system integrator on restrictions of use, for continuing compliance of the module. 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.




Fanstel RF module:

| | | | | | | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------------------------------------------------|-------------------------|------------------------------------------------|-------------------------|------------------------------------|---------------|--------------------------------|----------------------|-----------------------|
|  telefication | | | | | | | | | | | |
| TCB | TCB | | | | | | | | | | |
| GRANT OF EQUIPMENT AUTHORIZATION Certification Issued Under the Authority of the Federal Communications Commission By: | | | | | | | | | | | |
| Telefication B.V. Edisonstraat 12a Zevenaar, NL-6902 PK Netherlands | | | | | | | | | | | |
| Date of Grant: 03/23/2021 Application Dated: 03/18/2021 | | | | | | | | | | | |
| Fanstel Corporation, Taipei 10F-10, No. 79, Sec. 1, Hsin Tai Wu Rd., Hsi-Chih, New Taipei City, 221 Taiwan | | | | | | | | | | | |
| Attention: Paudy Tung , Engineer | | | | | | | | | | | |
| 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. | | | | | | | | | | | |
| <table border="0" style="width: 100%;"><tr><td style="width: 20%;">FCC IDENTIFIER:</td><td>X8WLR62XE</td></tr><tr><td>Name of Grantee:</td><td>Fanstel Corporation, Taipei</td></tr><tr><td>Equipment Class:</td><td>Digital Transmission System</td></tr><tr><td>Notes:</td><td>Lora transceiver module</td></tr><tr><td>Modular Type:</td><td>Single Modular</td></tr></table> | | FCC IDENTIFIER: | X8WLR62XE | Name of Grantee: | Fanstel Corporation, Taipei | Equipment Class: | Digital Transmission System | Notes: | Lora transceiver module | Modular Type: | Single Modular |
| FCC IDENTIFIER: | X8WLR62XE | | | | | | | | | | |
| Name of Grantee: | Fanstel Corporation, Taipei | | | | | | | | | | |
| Equipment Class: | Digital Transmission System | | | | | | | | | | |
| Notes: | Lora transceiver module | | | | | | | | | | |
| Modular Type: | Single Modular | | | | | | | | | | |
| Grant Notes | <table border="0" style="width: 100%;"><tr><td style="width: 33%;">FCC Rule Parts</td><td style="width: 33%;">Frequency Range (MHZ)</td><td style="width: 10%;">Output Watts</td><td style="width: 24%;">Frequency Emission Tolerance Designator</td></tr><tr><td>15C</td><td>907.5 - 921.5</td><td>0.835</td><td></td></tr></table> | FCC Rule Parts | Frequency Range (MHZ) | Output Watts | Frequency Emission Tolerance Designator | 15C | 907.5 - 921.5 | 0.835 | | | |
| FCC Rule Parts | Frequency Range (MHZ) | Output Watts | Frequency Emission Tolerance Designator | | | | | | | | |
| 15C | 907.5 - 921.5 | 0.835 | | | | | | | | | |
| <p>Modular Approval. Power output 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. The antennas used for this transmitter as shown in this filing must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. 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.</p> | | | | | | | | | | | |
| <table border="1" style="width: 100%;"><tr><td style="width: 33%; text-align: center;">Certificate No.: 212180266/AA/00</td><td style="width: 33%; text-align: center;">David Chen Product Assessor</td><td style="width: 33%; text-align: center;"><i>David Chen</i></td></tr></table> | | Certificate No.: 212180266/AA/00 | David Chen Product Assessor | <i>David Chen</i> | | | | | | | |
| Certificate No.: 212180266/AA/00 | David Chen Product Assessor | <i>David Chen</i> | | | | | | | | | |

2. Colombia


Certifier body : Commission for the Regulation of Communications




| | | | |
|-----------------------------------------------------------------------------------|-------------------------------------------|---------------------------|------------|
|  | Model Number (BRP GPS with Group Ride) | BRP Certificate Number | Date |
| | 515179191 | 2025509647 | 2025-03-28 |
| | | | |

3. Costa Rica

Certifier body : Superintendencia De Telecomunicaciones

| | | | |
|-----------------------------------------------------------------------------------|----------------------------------------------|------------------------|------------|
|  | Model Number (BRP GPS with Group Ride) | BRP Certificate Number | Date |
| | 515179191 | 04611-SUTEL-DGC-2025 | 2025-05-27 |
| | | | |

4. Bolivia

| | | | |
|-------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------|------------|
|  | Model Number (BRP GPS with Group Ride) | BRP Certificate Number | Date |
| | 515179191 | ATT-DJ-RA-H-TL LP 290/2025 | 2025-04-04 |



5. Mexico

IFETEL




Brand: BRP

Number: 515179191

Operation of this equipment is subject to the following two conditions:

1. This equipment or device may not cause harmful interference, and
2. This equipment or device must accept any interference, including interference that may cause undesired operation.

Certifier body: Instituto Federal de Telecomunicaciones

| Model Number (BRP GPS with Group Ride) : | Homologation | BRP Certificate Number | Date |
|------------------------------------------|-------------------------------------------------------------------------------------|------------------------|------------|
| 515179191 |  | ULM-NOM-20658 | 2025-04-25 |
| |  | BRBR5125-18003 | 2025-05-28 |
| |  | NYC-2502CT0697 | 2025-05-16 |

APPROVAL CERTIFICATE

TYPE A

Approval Certificate Number: BRBR5125-18003



“Based on articles 289 and 290 of the Federal Telecommunications and Broadcasting Law; 3, section IV, 35, section II, 69-C, and 69-C Bis of the Federal Law on Administrative Procedure; 32 and 35, section X of the Organic Statute of the Federal Telecommunications Institute; and the Guidelines for the Approval of Products, Equipment, Devices, or Apparatus for Telecommunications or Broadcasting, published in the Official Gazette of the Federation on December 29, 2021.”

6. Panama

Certifier Body: Republica de Panama, Autoridad Nacional de Los Publicos

La Autoridad Nacional de los Servicios Públicos (ASEP), a través de la Dirección Nacional de Telecomunicaciones, de conformidad con la Resolución AN No. 8105 –Telco del 26 de noviembre de 2014, que establece el Procedimiento para la Homologación de Dispositivos Inalámbricos de Telecomunicaciones, otorga el presente Certificado de Homologación para el dispositivo con las siguientes características:

| Model Number (BRP GPS with Group Ride) | BRP Certificate Number | Date |
|-------------------------------------------|---------------------------|------------|
| 515179191 | 7202 | 27/06/2025 |