

1 CERTIFICATE OF CONSTRUCTION TYPE

2 RADIO EQUIPMENT FOR JAPAN

3 Certificate No.: **2020045/01**
Note: This Certificate contains “Annex A” and is only valid when provided with this Annex.

4 Element Materials Technology, operating as a Conformity Assessment Body (CAB ID 205) with respect to the Japan/EU MRA, declares that the listed product complies with the Certification by Type of the Ordinance Concerning Technical Regulations Conformity Certification, etc. Of Specified Radio Equipment (MPT Ordinance No. 37 of 1981).

5 Certificate Holder: UAB Teltonika Telematics

6 Address: Saltoniskiu st. 9B-1 Vilnius, Lithuania LT-08105

7 Name of the Specified Radio Equipment: LTE/GNSS/BLE TERMINAL

8 Model Number: FMC130

9 Trademark: Teltonika Telematics

10 Category of the Specified Radio Equipment: **[1] [2] BT/BLE**
Article 2, Paragraph 1, Item (19)

11 When the holder of this certificate is placing the product on the Japanese market, the product must be affixed with the following Identification Code:



205-200045

12 Any deviation to the design and construction of the specified radio equipment that is not certified by Element Materials Technology shall render this certificate invalid.

Josh Batty, Deputy
Certification Manager



Date of Certification: 2020-11-19

Revision Date: Not Applicable

ANNEX A - CERTIFICATE OF CONSTRUCTION TYPE (RADIO)
Certificate No.: 2020045/01

13 Technical description

Class of Emission: [1] BT: F1D, G1D
[2] BLE: F1D

Frequency: [1] BT: 2402MHz – 2480MHz
[2] BLE: 2402MHz – 2480MHz

Output Power: [1] BT: 1.02mW/MHz
[2] BLE: 1.28mW

Antenna Type and Gain: PCB Antenna with Maximum Gain
[1] [2] BT/BLE: -1.43dBi

Serial Number: Not Applicable

Software Version: FMB.Ver.03.25.10

14 Manufacturer details

Manufacturer: UAB Teltonika EMS

Address: Liepkalnio st. 132A Vilnius, Lithuania LT-02121

15 Test report No. (associated with this certificate issue):

R2009A0633-R1V4

16 “Restrictions on use”, if any:

The minimum distance must be no closer than 20 cm from the user, due to the requirements of radio frequency exposure.

17 Details of revisions to this certificate

None.

18 Notes to this certificate

Throughout this certificate, the date format yyyy-mm-dd (year-month-day) is used.

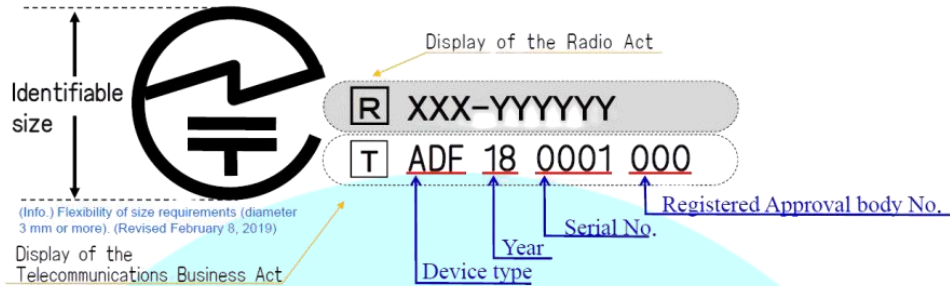
Conformity Assessment Body 205 is the designation for Element Materials Technology Warwick Ltd.

Installed FDD-LTE module certified, model number: EC21-J, certification number: 018-190010, certificate number: CSRT190010, issue date: 2019/1/7.

GUIDELINES ON MARKING

An example of marking is provided below. It must be affixed to an easily noticeable section of the specified radio or terminal equipment. This marking includes:

- Giteki mark;
- A square containing the letter R for radio equipment or T for terminal equipment;
- A unique certificate number that incorporates the ID number of the certifying CAB;



- The format of the unique number and CAB ID section differs for radio and terminal equipment.

For radio equipment the format is:

CCC-YYNNNN

Example:



205-171001

CCC = CAB ID (205 in case of Element)

YY = Year

NNNN = CAB serial number

Note: Hyphen is part of the marking requirement

Additional marking for 5GHz products:

For products using frequencies within 5.15-5.35 GHz, please print the following warning text on your product label.

5.2 GHz 帯域は屋内での使用のみに制限されています
 (5.2 GHz 高電力基地局または中継局と通信する場合を除く)
 電波法により 5.3 GHz 帯は屋内使用に限ります

Translation: 5.2 GHz band is restricted to indoor use only
 (Except when communicating with 5.2GHz high power base stations or relay stations)
 5.3 GHz band is restricted to indoor use due to the Radio Law

Restrictions apply to outdoor products using frequencies within 5.15-5.25 GHz, including:

- For access points and relays, registration in advance is required;
- Usage must not affect satellite equipment, EIRP restrictions according to elevation angles apply;
- Usage must not affect weather radars.

For products using frequencies within 5.47-5.725 GHz may be used indoor and/or outdoor.

More information can be found under: https://www.tele.soumu.go.jp/j/sys/others/wlan_outdoor/index.htm