

To Whom It May Concern

EC Declaration of Conformity

31st of March, 2022

Vilnius

Declaring Organization: UAB TELTONIKA TELEMATICS
Product Name: Fleet Management System
Product Model Name: FMM230-Q3IB0
Product Description: LTE CAT M1/GNSS/BLE TERMINAL
Technical description of built in RF module:
Frequency range:

	<i>T_x</i>	<i>R_x</i>
GSM900:	880 - 915 MHz	925 - 960 MHz
GSM1800:	1710 - 1785 MHz	1805 - 1880 MHz
LTE Band 1:	1920 - 1980 MHz	2110 - 2170 MHz
LTE Band 3:	1710 - 1785 MHz	1805 - 1880 MHz
LTE Band 5:	824 - 849 MHz	869 - 894 MHz
LTE Band 8:	880 - 915 MHz	925 - 960 MHz
LTE Band 20:	832 - 862 MHz	791 - 821 MHz
LTE Band 28:	703 - 748 MHz	758 - 803 MHz
NB-IOT Band 1:	1920 - 1980 MHz	2110 - 2170 MHz
NB-IOT Band 3:	1710 - 1785 MHz	1805 - 1880 MHz
NB-IOT Band 5:	824 - 849 MHz	869 - 894 MHz
NB-IOT Band 8:	880 - 915 MHz	925 - 960 MHz
NB-IOT Band 20:	832 - 862 MHz	791 - 821 MHz
NB-IOT Band 28:	703 - 748 MHz	758 - 803 MHz
BT:	2402 - 2480 MHz	2402 - 2480 MHz
BLE:	2402 - 2480 MHz	2402 - 2480 MHz
GPS:		1559 - 1610 MHz
GLONASS:		1559 - 1610 MHz
BDS:		1559 - 1610 MHz
GALILEO:		1559 - 1610 MHz

TELTONIKA TELEMATICS UAB
Saltoniskiu st. 9B-1, LT-08105
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Transmitted Power: Max. 32,57 dBm (GSM900) – 0,8dBi antenna
Max. 29,36 dBm (GSM1800) – 0,8dBi antenna
Max. 20,99 dBm (LTE Band 1) – 0,8dBi antenna
Max. 21,35 dBm (LTE Band 3) – 0,8dBi antenna
Max. 21,05 dBm (LTE Band 5) – 0,8dBi antenna
Max. 21,31 dBm (LTE Band 8) – 0,8dBi antenna
Max. 21,35 dBm (LTE Band 20) – 0,8dBi antenna
Max. 21,20 dBm (LTE Band 28) – 0,8dBi antenna
Max. 20,94 dBm (NB IoT Band 1) – 0,8dBi antenna
Max. 21,07 dBm (NB IoT Band 3) – 0,8dBi antenna
Max. 20,72 dBm (NB IoT Band 5) – 0,8dBi antenna
Max. 21,72 dBm (NB IoT Band 8) – 0,8dBi antenna
Max. 20,68 dBm (NB IoT Band 20) – 0,8dBi antenna
Max. 21,06 dBm (NB IoT Band 28) – 0,8dBi antenna
Max. 2,67 dBm (BT) – 1,43dBi antenna
Max. -6,84 dBm (BLE) – 1,43dBi antenna

Hardware Version: FMM130-4-1
Software Version: FMB.Ver.03.27.07

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TELTONIKA TELEMATICS, UAB, declares under our sole responsibility that the above described product is in conformity with the relevant Community harmonization: European Directive 2014/53/EU (RED).

The conformity with the essential requirements has been demonstrated against the following harmonized standards:

Harmonized Standard reference	Article of Directive 2014/53/EU	Test report No.
EN IEC 62368-1:2020 + A11:2020	Health and safety - Article 3.1(a)	R2201A0094-L1
EN 50665:2017		R2201A0094-M1
EN IEC 62311:2020		
EN 55032:2015 + A11:2020 EN 55035:2017 + A11:2020 EN IEC 61000-3-2: 2019 EN 61000-3-3:2013+A1:2019 ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4 Draft ETSI EN 301 489-19 V2.2.0 Draft ETSI EN 301 489-52 V1.2.0	Electromagnetic compatibility - Article 3.1(b)	R2201A0094-E1
ETSI EN 300 328 V2.2.2	Efficient use of radio spectrum - Article 3.2	R2201A0094-R4
ETSI EN 301 511 V12.5.1		R2201A0094-R1
ETSI EN 301 908-1 V13.1.1		R2201A0094-R2
ETSI EN 301 908-13 V13.1.1		R2201A0094-R3
ETSI EN 303 413 V1.2.1		R2201A0094-R5

The conformity assessment procedure referred to in Article 3.1(a), 3.1(b), and 3.2 and detailed in Annex III Module B of Directive 2014/53/EU has been followed with the involvement of the following Notified Body: LGAI Technological Center, S.A. (APPLUS), Ronda de la Font del Carne s/n, 08193, Bellaterra (Barcelona). Notified Body No: 0370.

Thus,  is placed on the product.

Chief of Technical Support Department


Karolina Kairiene



EU-Type Examination Certificate No. 0370-RED-4786

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