

To Whom It May Concern

EC Declaration of Conformity

25th of May, 2021
Vilnius

Declaring Organization: **TELTONIKA TELEMATICS, UAB**

Product Name: Fleet Management System

Product Model Name: FMM130

Product Description: LTE CAT M1/GNSS/BLE Terminal

Technical description of built in RF module:

Frequency range:

	T_x	R_x
GSM900:	880 - 915 MHz	925 - 960 MHz
GSM1800:	1710 - 1785 MHz	1805 - 1880 MHz
LTE FDD Band 1:	1920 – 1980 MHz	2110 – 2170 MHz
LTE FDD Band 3:	1710 - 1785 MHz	1805 - 1880 MHz
LTE FDD Band 8:	880 - 915 MHz	925 - 960 MHz
LTE FDD Band 20:	832 – 862 MHz	791 – 821 MHz
LTE FDD 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 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/BLE	2402 – 2480 MHz	2402 – 2480 MHz
GPS L1		1559 – 1610 MHz
GLONASS G1		1559 – 1610 MHz
BDS		1559 – 1610 MHz
Galileo E1		1559 – 1610 MHz

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Modulation: **GSM/GPRS: GMSK**
EGPRS: GMSK, 8PSK
LTE Band 1/3/8/20/28: QPSK, 16QAM
NB-IOT Band 1/3/8/20/28: BPSK, QPSK
BT: GFSK, $\pi/4$ -DQPSK, 8-DPSK
BLE: GFSK
GPS, GLONASS: BPSK
BDS: QPSK
Galileo: CBOC

Transmitted Power: Max. 27,17 dBm (GSM900) + 4 dBi antenna

Hardware Version: R1.2

Software Version: BG96MAR04A01M1G

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TELTONIKA TELEMATICS, UAB declare 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 62368-1:2014 + A11:2017	Health and safety - Article 3.1(a)	T223-0786/20
EN 62311:2008		R1811A0535-M1 R2004A0220-M1
EN 303 446-1 V1.2.1 in conjunction with draft EN 301 489-52 V1.1.0	Electromagnetic compatibility - Article 3.1(b)	T251-0903/20
EN 301 511 V12.5.1 EN 301 908-1 V11.1.1 EN 301 908-2 V11.1.2 EN 301 908-13 V11.1.2 EN 303 413 V1.1.1 EN 300 328 V2.2.2	Efficient use of radio spectrum - Article 3.2	R1811A0535-R1 R1811A0535-R3 R1811A0535-R2 R2002A0080-R2V1 R2002A0080-R1V1 R2002A0080-R3V1

The conformity assessment procedure referred to in Article 17 and detailed in Annex III of Directive 2014/53/EU has been followed with the involvement of the following Notified Body:

SIQ Ljubljana, Tržaška cesta 10, SI-1000 Ljubljana, Slovenia. Notified Body No: 1304.

Thus,  is placed on the product.

Chief of Technical Support


Karolina Juciute



EU-Type Examination Certificate No. 1304-RED-0127

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