

EC Declaration of Conformity

2020-07-10

Vilnius

Declaring Organization: UAB TELTONIKA
Product Name: Fleet Management System
Product Model Name: FMM001
Product Description: LTE CAT M1/GNSS/BLE Terminal

Technical description of built in RF modules:

	Tx:	Rx:
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

Frequency range:

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

Max. 9, 71 dBm (BT) + 1, 71 dBi antenna

Hardware Version: R1.1 (LTE Cat M1 & Cat NB1 & EGPRS & GSM module)
FMM001 02v (BT/BLE and GNSS module)

Software Version: BG96MAR02A05M1G (LTE Cat M1 & Cat NB1 & EGPRS & GSM module)
FMB.Ver.03.25.10. (BT/BLE and GNSS module)

We, UAB TELTONIKA, 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)	T223-0046/20
EN 62311:2008		R2002A-0086-M1
Draft EN 303 446-1 V1.1.0	Electromagnetic compatibility - Article 3.1(b)	T251-0181/20 M1
EN 301 511 V12.5.1	Efficient use of radio spectrum - Article 3.2	RXA1709-0316RF01R2
EN 301 908-1 V11.1.1		RXA1709-0316RF02
EN 301 908-13 V11.1.2		R2002A0086-R2V1
EN 303 413 V1.1.1		R2002A0086-R1
EN 300 328 V2.2.2		R2002A0086-R3

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, Mašera-Spasičeva ulica 10, SI-1000 Ljubljana, Slovenia. Notified Body No: 1304.

Thus,  is placed on the product.

Chief of GPS Technical Support Department


Karolina Juciute

Project Manager


Ramius Sakalauskas

EU-Type Examination Certificate No. 1304-RED-0098