

To Whom It May Concern

EC Declaration of Conformity

6th of February, 2025

Vilnius

Declaring Organization: UAB TELTONIKA TELEMATICS

Product Name: Fleet Management System – FMM650

Product Model Name: FMM650-Q3X50

Product Description: LTE/GNSS/BLE TERMINAL

Hardware Version: FMM650_24

Software Version: 03.00.06.Rev.200

TELTONIKA TELEMATICS, UAB, with an office at Saltoniskiu st. 9B-1, LT-08105, Vilnius, Lithuania, hereby confirms that the FMM650-Q3X50 supports the CITC's Specification numbered GEN001 and RI120, and the LTE bands (B1, B3, B5, B8, B20, B28):

BANDS	FREQUENCY RANGE (MHz)		Max Output Power (dBm)
	Tx	Rx	
GSM900	From 880 to 915	From 925 to 960	32.57
GSM1800	From 1710 to 1785	From 1805 to 1880	29.36
LTE-M Band 1:	From 1920 to 1980	From 2110 to 2170	20.99
LTE-M Band 3:	From 1710 to 1785	From 1805 to 1880	21.35
LTE-M Band 5 (non-EU frequency band)	From 824 to 849	From 869 to 894	21.05
LTE-M Band 8:	From 880 to 915	From 925 to 960	21.31
LTE-M Band 20	From 832 to 862	From 791 to 821	21.35
LTE-M Band 28	From 703 to 748	From 758 to 803	21.20
NB-IoT Band 1	From 1920 to 1980	From 2110 to 2170	20.94
NB-IoT Band 3	From 1710 to 1785	From 1805 to 1880	21.07

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NB-IoT Band 5(non-EU frequency band)	From 824 to 849	From 869 to 894	20.72
NB-IoT Band 8	From 880 to 915	From 925 to 960	21.72
NB-IoT Band 20	From 832 to 862	From 791 to 821	20.68
NB-IoT Band 28	From 703 to 748	From 758 to 803	21.06
GPS L1	0	From 1559 to 1610	0
GLONASS G1	0	From 1559 to 1610	0
BDS	0	From 1559 to 1610	0
Galileo E1	0	From 1559 to 1610	0
BT	From 2402 to 2480	From 2402 to 2480	0.13
Modulation Type	GSM/GPRS: GMSK		
	EGPRS: GMSK/8PSK		
	LTE-M: QPSK, 16QAM		
	NB-IoT: BPSK, QPSK		
	GPS: BPSK		
	GLONASS: BPSK		
	BDS: BPSK		
	Galileo E1: CBOC		

FMM650-Q3X50 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 50665: 2017	Health and Safety - Article 3.1(a)	R2407A0880-M1
EN IEC 62311: 2020		EFSE24090001-IE-01-L01
N IEC 62368-1:2020+A11:2020	Electromagnetic Compatibility - Article 3.1(b)	R2407A0880-E1
EN 55032:2015 + A11: 2020		
EN 55035:2017 + A11: 2020		

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ETSI EN 301 489-1 V2.2.3 (2019-11) ETSI EN 301 489-17 V3.2.4 (2020-09) ETSI EN 301 489-19 V2.2.1 (2022-09) ETSI EN 301 489-52 V1.2.1 (2021-11)		
ETSI EN 301 511 V12.5.1 ETSI EN 301 908-1 V15.2.1 ETSI EN 301 908-13 V13.2.1 ETSI EN300 328 V2.2.2 ETSI EN 303 413 V1.2.1	Efficient Use of Radio Spectrum - Article 3.2	R2407A0880-R1 R2407A0880-R2 R2407A0880-R3 R2407A0880-R4 R2407A0880-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: Eurofins Electrical and Electronic Testing NA, Inc. Notified Body No: 0980.

Therefore **CE** is placed on the product.

Deputy Head of the Technical Support Division


Aurimas Adomaitis


Registration code 305578349
VAT number LT100013240611

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