EU – TYPE EXAMINATION CERTIFICATE

RADIO EQUIPMENT DIRECTIVE 2014/53/EU

Annex III Module B

MANUFACTURER

Name	:	UAB “Teltonika”
Address	:	Saltoniskiu st. 9B-1 LT-08105, Vilnius, Lithuania
Contact Name & Title	:	Kšyštof Korbutovič
Phone number & Email	:	+370 5 212 74 72 & ksystof.korbutovic@teltonika.lt

PRODUCT DESCRIPTION

Trademark/Trade Name	:	UAB “Teltonika”
Model Number	:	TST100
Product Description	:	TST100

TECHNICAL DOCUMENTATION

Identification	:	TST100		
Signed by (Name & Title)	:	Kšyštof Korbutovič	Date :	October 30, 2019
Company Name	:	UAB “Teltonika”		

NOTIFIED BODY

Certificate issued by	:	Notified Body 1177, TIMCO Engineering, Inc.		
Certificate number	:	TCF-3086CC19		
Name and Signature	:	Bruno Clavier	Date :	December 3, 2019

The device shall be marked as follows: CE

Based on the evidence presented in the Technical Documentation, TIMCO Engineering, Inc., as appointed Notified Body, has issued this EU-Type Examination Certificate in accordance with Annex III Module B. The product described appears to be in conformity with the essential requirements Article 3.1(a), 3.1(b), and 3.2 of RED 2014/53/EU. This certificate is only valid in conjunction with the related Evaluation Report. This certificate is valid up to (1) the date of cessation of presumption of conformity of any of the superseded standards which were used for testing this product and assessed by Notified Body or (2) the date of modifications to the approved type that may affect the conformity of the apparatus with the essential requirements of this Directive or the conditions for validity of that certificate, whichever comes first.

TIMCO ENGINEERING, INC.
P.O. BOX 370
NEWBERRY, FL 32669
www.timcoengr.com

EU – TYPE EXAMINATION CERTIFICATE
ANNEX 1
TCF-3086CC19

Date: December 3, 2019

PRODUCT SPECIFICATIONS

Intended Use / Category	:	Bluetooth
RF output power	:	9.84 dBm (EIRP)
Frequency range (MHz)	:	2402 – 2480 MHz
Modulation	:	GFSK, π/4-DQPSK, 8-DPSK
Antenna type	:	PCB Antenna

Intended Use / Category	:	BLE
RF output power	:	9.62 dBm (EIRP)
Frequency range (MHz)	:	2402 – 2480 MHz
Modulation	:	GFSK
Antenna type	:	PCB Antenna

Intended Use / Category	:	GSM 900
RF output power	:	23 dBm (Maximum out power)
Frequency range (MHz)	:	880 ~ 915 MHz, 925 ~ 960 MHz
Modulation	:	GMSK
Antenna type	:	External Antenna

Intended Use / Category	:	GSM 1800
RF output power	:	23 dBm (Maximum out power)
Frequency range (MHz)	:	1710 ~ 1785 MHz, 1805 ~ 1880 MHz
Modulation	:	GMSK
Antenna type	:	External Antenna

Intended Use / Category	:	GPS
Frequency range (MHz)	:	1559 ~ 1610 MHz
Modulation	:	BPSK
Antenna type	:	Internal antenna

Intended Use / Category	:	GLONASS
Frequency range (MHz)	:	1559 ~ 1610 MHz
Modulation	:	BPSK
Antenna type	:	Internal antenna

Intended Use / Category	:	GALILEO
Frequency range (MHz)	:	1559 ~ 1610 MHz
Modulation	:	CBOC
Antenna type	:	Internal antenna

According to the Technical Documentation compiled by the Manufacturer, this radio equipment was assessed for compliance with the following standards, which were applied in full:

ESSENTIAL REQUIREMENTS ASSESSED

Aspects		Standard Number
Radio	:	ETSI EN 301 511 V12.5.1 ETSI EN 300 328 V2.1.1 ETSI EN 303 413 V1.1.1
EMC	:	EN 55032 :2015 EN 55035 :2017 Draft ETSI EN 301 489-l V2.2.1 Draft ETSI EN 301 489-17 V3.2.0 ETSI EN 301 489-19 V2.1.1 Draft ETSI EN 301 489-52 V1.1.0
Health	:	EN 62311:2008
Safety	:	IEC62368-1 :2018 EN 62368-1:2014+A11:2017

CERTIFICATE CONDITIONS:

This radio module is for professional installation only. When installing this radio module permanently into a host product to a create new radio equipment device; the manufacturer responsible for placing the final radio product on the market in the EU must assess if the combination of this radio module and the host product complies with the essential requirements of the RE Directive 2014/53/EU.

LIST OF DOCUMENTS REVIEWED

Item	Exhibit Description				
1.	Copy of the Declaration of Conformity				☑
2.	Agent/Representative authorization letter from Manufacturer (if application is filed by someone other than Manufacturer)				☑
3.	Attestation letter for compliance with Article 10(2)				☑
4.	Attestation letter and/or exhibits for compliance with Article 10(10) (i.e. info on packaging completed with users instructions)				☑
5.	A general description of the radio equipment (e.g. Operational Description)				☑
6.	Photographs or illustrations showing external features, marking and internal layout				☑
7.	RED Annex VI Point 8 - Versions of software or firmware affecting compliance with essential requirements				☑
8.	User information and installation instructions				☑
9.	Conceptual design and manufacturing drawings and schemes of components, sub-assemblies, circuits and other relevant similar elements				☑
10.	Descriptions and explanations necessary for the understanding of those drawings and schemes and the operation of the radio equipment				☑
11.	RED Annex III module B - Analysis and assessment of the risk(s)				☑
12.	Where the conformity assessment module in Annex III has been applied, copy of the EU-type examination certificate and its annexes as delivered by the notified body involved				☐
13.	Results of design calculations made, examinations carried out, and other relevant similar elements				☑
14.	Test reports	Item	Report No.	Issue Date	☑
		EMC	R1909A0534-E1V1	Nov. 22, 2019	
		Safety	R1909A0534-L1V1	Nov. 21, 2019	
		Health	R1909A0534-M1	Oct. 23, 2019	
		Radio 2G	R1909A0534-R1V1	Nov. 21, 2019	
		Radio BT	R1909A0534-R2V1	Nov. 21, 2019	
		Radio GNSS	R1909A0534-R3	Nov. 15, 2019	