

# EU TYPE EXAMINATION CERTIFICATE

Issue Date: January 6, 2023

**Applicant:**

TELTONIKA TELEMATICS, UAB  
Saltoniskiu st. 9B-1 LT-08105, Vilnius, Lithuania

**Manufacturer:**

Same as Applicant

**Model Number/Name:** TAT100-TAIB0

**Product Description:** Fleet Management System

**Serial Number:** N/A

**Hardware version:** TAT100\_31

**Software version:** 55.00.10.Rev:509

**Frequency Band(s):**

Bluetooth LE: 2402MHz~2480MHz(TX/RX)

GSM/GPRS 900: 880MHz~915MHz(TX); 925MHz~960MHz(RX)

GSM/GPRS 1800: 1710MHz~1785MHz(TX); 1805MHz~1880MHz(RX)

GPS L1/GLONASS G1/BDS/Galileo E1: 1559MHz~1610MHz(RX)

**Transmit Power Range(s):**

Bluetooth LE: -10.69 dBm

GSM/GPRS 900: 32.84dBm

GSM/GPRS 1800: 29.75dBm

**Modulation Type(s):**

BLE :GFSK

GSM/GPRS: GMSK

EGPRS: GMSK/8PSK

GPS: BPSK

GLONASS: BPSK

BDS: BPSK

Galileo E1: CBOC

**Channel Spacing(s):** Bluetooth LE: 2MHz; GSM: 0.2MHz

**Duty Cycle:** N/A

**Microprocessor Model Number(s):** TM2500

**Antenna Type(s) and Gain(s):**

Bluetooth LE/ GSM/GPRS is Internal Antenna

GSM 900: 0.41 dBi

GSM 1800: 0.9 dBi

Bluetooth LE: 0.43 dBidBi

Essential Requirement		Applied Specifications/Standards	Documentary Evidence	Result
Art. 3.1(a)	Safety	IEC 62368-1:2018 EN IEC 62368-1:2020+A11:2020	Test Report	Pass
Art. 3.1 (a)	Health	EN 50665:2017 EN IEC 62311:2020	Test Report	Pass
Art. 3.1(b)	EMC	EN 55032:2015 + A11: 2020 EN 55035:2017 + A11: 2020 ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4 ETSI EN 301 489-19 V2.1.1 ETSI EN 301 489-52 V1.2.1	Test Report	Pass
Art. 3.2	Radio	ETSI EN 301 511 V12.5.1 ETSI EN 300 328 V2.2.2 ETSI EN 303 413 V1.2.1	Test Report	Pass
Art. 3.3(g)	Emergency Service	N/A	N/A	N/A

**Examination Result:** Based on the reports provided and the information therein, the equipment referenced above is compliant to these specifications.

The scope of evaluation relates to the submitted documents only.

This Certificate is issued in accordance with Annex III, Module B, of the RE directive 2014/53/EU of 16 April 2014 and is only valid in conjunction with the attached Annex.



Tom Zhang  
Technical Reviewer

REDCA Program, Eurofins Electrical and Electronic Testing NA, Inc.

**Project Number: 2141-1-2023-124316**

### Technical Construction File (TCF) Details

<i>To demonstrate conformity with Article 3.1(a) Health</i>		
Applied Standards		
EN 50665:2017		
EN IEC 62311:2020		
Report or Certificate No.	Issue Date	Issued by
R2211A1060-M1	12/19/2022	TA Technology (Shanghai) Co., Ltd.
<i>To demonstrate conformity with Article 3.1(a) Safety</i>		
Applied Standards		
IEC 62368-1:2018		
EN IEC 62368-1:2020+A11:2020		
Report or Certificate No.	Issue Date	Issued by
R2211A1060-L1	12/19/2022	TA Technology (Shanghai) Co., Ltd.
<i>To demonstrate conformity with Article 3.1(b) EMC</i>		
Applied Standards		
EN 55032:2015 + A11: 2020		
EN 55035:2017 + A11: 2020		
ETSI EN 301 489-1 V2.2.3		
ETSI EN 301 489-17 V3.2.4		
ETSI EN 301 489-19 V2.1.1		
ETSI EN 301 489-52 V1.2.1		
Report or Certificate No.	Issue Date	Issued by
R2211A1060-E1	12/19/2022	TA Technology (Shanghai) Co., Ltd.
<i>To demonstrate conformity with Article 3.2 Spectrum Efficiency</i>		
Applied Standards		
ETSI EN 301 511 V12.5.1		
ETSI EN 300 328 V2.2.2		
ETSI EN 303 413 V1.2.1		
Report or Certificate No.	Issue Date	Issued by
R2211A1060-R2	12/19/2022	TA Technology (Shanghai) Co., Ltd.
R2211A1060-R3	12/19/2022	TA Technology (Shanghai) Co., Ltd.
R2211A1060-R1	12/19/2022	TA Technology (Shanghai) Co., Ltd.
<i>To demonstrate conformity with Article 3.3 Emergency Service</i>		
Applied Standards		
N/A		
Report or Certificate No.	Issue Date	Issued by
N/A	N/A	N/A