

UK TYPE EXAMINATION CERTIFICATE

Issue Date: 1/31/2023

Applicant:

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

Manufacturer:

Same as Applicant

Model Number/Name: GH5200-TAIB0

Product Description: Fleet Management System

Serial Number: N/A

Hardware version: GH5200_30

Software version: 55.01.02

Frequency Band(s):

Bluetooth LE/Bluetooth: 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: -9.43 dBm

Bluetooth :5.22 dBm

GSM/GPRS 900: 32.84dBm

GSM/GPRS 1800: 29.75dBm

Modulation Type(s):

BLE :GFSK

Bluetooth: GFSK, $\pi/4$ -DQPSK, 8-DPSK

GSM/GPRS: GMSK

EGPRS: GMSK/8PSK

GPS: BPSK

GLONASS: BPSK

BDS: BPSK

Galileo E1: CBOC

Channel Spacing(s):

Bluetooth LE: 2MHz; GSM: 0.2MHz

Bluetooth:1MHz

Duty Cycle: N/A

Microprocessor Model Number(s): TM2500

Antenna Type(s) and Gain(s):

Bluetooth /Bluetooth LE/ GSM/GPS is Internal Antenna

GSM:0.8 dBi

Bluetooth /Bluetooth LE: 1.69dBi

Essential Requirement		Applied Specifications/Standards	Documentary Evidence	Result
S.I. 2016 No. 1101	Safety	EN IEC 62368-1:2020+A11:2020 BS EN IEC 62368-1:2020+A11:2020	Test Report	Pass
S.I. 2016 No. 1101	Health	EN 50665:2017 BS EN 50665:2017 EN IEC 62311:2020 BS EN IEC 62311:2020	Test Report	Pass
S.I. 2016 No. 1091	EMC	EN 55032:2015 + A11: 2020 BS EN 55032:2015+A11:2020 EN 55035:2017 + A11:2020 BS 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 V2.2.1 ETSI EN 301 489-52 V1.2.1	Test Report	Pass
S.I. 2017 No. 1206	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

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 Schedule 3, Module B, of the UK Radio Equipment Regulations (SI 2017/1206) of 2017 and is only valid in conjunction with the attached Annex.



Tom Zhang

Technical Reviewer

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

Project Number: 173-01-2023-124315

Technical Construction File (TCF) Details

<i>To demonstrate conformity with S.I. 2016 No. 1101 Health</i>		
Applied Standards		
EN 50665:2017		
BS EN 50665:2017		
EN IEC 62311:2020		
BS EN IEC 62311:2020		
Report or Certificate No.	Issue Date	Issued by
R2211A1057-M1	12/19/2022	TA Technology (Shanghai) Co., Ltd.
<i>To demonstrate conformity with S.I. 2016 No. 1101 Safety</i>		
Applied Standards		
EN IEC 62368-1:2020+A11:2020		
BS EN IEC 62368-1:2020+A11:2020		
Report or Certificate No.	Issue Date	Issued by
R2211A1057-L1	12/19/2022	TA Technology (Shanghai) Co., Ltd.
<i>To demonstrate conformity with S.I. 2016 No. 1091 EMC</i>		
Applied Standards		
EN 55032:2015 + A11: 2020		
BS EN 55032:2015+A11:2020		
EN 55035:2017 + A11:2020		
BS 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 V2.2.1		
ETSI EN 301 489-52 V1.2.1		
Report or Certificate No.	Issue Date	Issued by
R2211A1057-E1V1	01/31/2023	TA Technology (Shanghai) Co., Ltd.
<i>To demonstrate conformity with S.I. 2017 No. 1206 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
R2211A1056-R1	12/19/2022	TA Technology (Shanghai) Co., Ltd.
R2211A1056-R2	12/19/2022	TA Technology (Shanghai) Co., Ltd.
R2211A1056-R3	12/19/2022	TA Technology (Shanghai) Co., Ltd.