





RF TEST REPORT

Applicant UAB TELTONIKA TELEMATICS

FCC ID 2A3HUFMC00A

Product Fleet Management System

Brand TELTONIKA TELEMATICS

Model FMC00A-QBIB0

Report No. R2206A0487-R2V1

Issue Date August 16, 2022

TA Technology (Shanghai) Co., Ltd. tested the above equipment in accordance with the requirements in FCC CFR47 Part 2 (2021)/ FCC CFR 47 Part 24E (2021). The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

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Version	Revision description	Issue Date
Rev.0	Initial issue of report.	August 5, 2022
Rev.1	Update description.	August 16, 2022

Note: This revised report (Report No. R2206A0487-R2V1) supersedes and replaces the previously issued report (Report No. R2206A0487-R2). Please discard or destroy the previously issued report and dispose of it accordingly.



Summary of measurement results

No.	Test Case	Clause in FCC rules	Verdict
1	RF Power Output and Effective Isotropic Radiated Power	2.1046 24.232(c)	PASS
2	Radiated Spurious Emission	2.1053 / 24.238(a)	PASS

Date of Testing: June 7, 2022 ~ June 23, 2022

Date of Sample Received: June 6, 2022

Note: PASS: The EUT complies with the essential requirements in the standard.

FAIL: The EUT does not comply with the essential requirements in the standard.

All indications of Pass/Fail in this report are opinions expressed by TA Technology (Shanghai) Co., Ltd. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only.

This report only tests Effective Radiated Power and Radiated Spurious Emission. For other test items, please refer to Module Report (Report No: R1805A0250-R2, FCC ID: XMR201807EG91NA).

1. Test Laboratory

1.1. Notes of the test report

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(shanghai) co., Ltd. The results documented in this report apply only to the tested sample, under the

conditions and modes of operation as described herein . Measurement Uncertainties were not taken

into account and are published for informational purposes only. This report is written to support

regulatory compliance of the applicable standards stated above.

1.2. Test facility

FCC (Designation number: CN1179, Test Firm Registration Number: 446626)

TA Technology (Shanghai) Co., Ltd. has been listed on the US Federal Communications Commission

list of test facilities recognized to perform measurements.

A2LA (Certificate Number: 3857.01)

TA Technology (Shanghai) Co., Ltd. has been listed by American Association for Laboratory

Accreditation to perform measurement.

1.3. Testing Location

Company:

TA Technology (Shanghai) Co., Ltd.

Address:

Building 3, No.145, Jintang Rd, Tangzhen Industry Park, Pudong Shanghai, China

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2. General Description of Equipment under Test

2.1. Applicant and Manufacturer Information

Applicant	UAB TELTONIKA TELEMATICS
Applicant address	Saltoniskiu st. 9B-1,Vilnius,Lithuania
Manufacturer	UAB TELTONIKA TELEMATICS
Manufacturer address	Saltoniskiu st. 9B-1,Vilnius,Lithuania
Factory	UAB TELTONIKA EMS
Factory address	Ditvos st. 6, Vilnius,Lithuania

2.2. General information

EUT Description							
Model FMC00A-QBIB0							
IMEI	866258043620571						
Hardware Version	FMC00A-80						
Software Version	FMB.Ver.03.27.12						
Power Supply	External power supply	/					
Antenna Type	Fixed Internal Antenna	а					
Antenna Gain	2.5dBi						
Test Mode(s)	WCDMA Band II; LTE	Band 2;					
Test Modulation	(WCDMA) BPSK, QP	SK;					
Test Modulation	(LTE)QPSK,16QAM						
HSDPA UE Category	24						
HSUPA UE Category	6						
DC-HSDPA UE Category	24						
LTE Category	1						
Maximum E.I.R.P	WCDMA Band II:		25.88dBm				
Maximum E.I.R.P	LTE Band 2: 26.94dBm						
Rated Power Supply Voltage	12V						
Operating Voltage	Minimum: 10V Maximum: 30V						
Operating Temperature	5°C						
	Band	Band Tx		Rx (MHz)			
Operating Frequency Range(s)	WCDMA Band II	1850	~ 1910	1930 ~ 1990			
	LTE Band 2	1850 ~ 1910		1930 ~ 1990			
Note: 1. The FLIT is continue the emplicant to TA and the information of the FLIT is declared by							

Note: 1. The EUT is sent from the applicant to TA and the information of the EUT is declared by the applicant.

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3. Applied Standards

According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

Test standards:

FCC CFR 47 Part 24E (2021)

FCC CFR47 Part 2 (2021)

Reference standard:

ANSI C63.26-2015

KDB 971168 D01 Power Meas License Digital Systems v03r01





4. Test Configuration

Radiated measurements are performed by rotating the EUT in three different orthogonal test planes. EUT stand-up position (Z axis), lie-down position (X, Y axis). Receiver antenna polarization (horizontal and vertical), the worst emission was found in position (X axis, vertical polarization) and the worst case was recorded.

All mode and data rates and positions and RB size and modulations were investigated.

Subsequently, only the worst case emissions are reported.

The following testing in WCDMA/LTE is set based on the maximum RF Output Power.

Test modes are chosen to be reported as the worst case configuration below:

Toot itomo	Modes/Modulation
Test items	WCDMA Band II
RF Power Output and Effective Isotropic	RMC/HSDPA/HSUPA
Radiated Power	DC-HSDPA
Radiated Spurious Emission	RMC

Test modes are chosen to be reported as the worst case configuration below for LTE Band 2:

Took itoma		Ban	dwid	th (N	(IHz)		Modu	ulation		RB Test Channe				nnel
Test items	1.4	3	5	10	15	20	QPSK	16QAM	1	50%	100%	Г	M	Н
RF Power Output and Effective Isotropic Radiated Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Radiated Spurious Emission	0	-	0	-	-	0	0	1	0	-	-	1	0	1
Note								iguration guration is			_].		





5. Test Case

5.1.RF Power Output and Effective Isotropic Radiated Power

Ambient condition

Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

Methods of Measurement

During the process of the testing, The EUT was connected to the Base Station Simulator with a known loss. The EUT is controlled by the Base Station Simulator test set to ensure max power transmission with proper modulation.

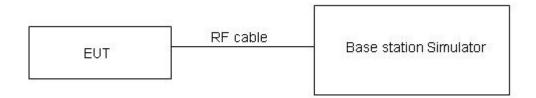
ERP can then be calculated as follows:

EIRP (dBm) = Output Power (dBm) - Losses (dB) + Antenna Gain (dBi)

where:dBd refers to gain relative to an ideal dipole.

EIRP (dBm) = ERP (dBm) + 2.15 (dB.)

Test Setup



Limits

No specific RF power output requirements in part 2.1046.

Rule Part 24.232(c) Mobile and portable stations are limited to 2 watts EIRP.

Rule Part 24.232(e) Peak transmit power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage.

Limit	≤ 2 W (33 dBm)
LIIIIIL	

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor k = 2, U = 0.4 dB for RF power output, k = 2, U = 1.19 dB for EIRP.

Test Results

Refer to the section 6.1 of this report for test data.



5.2. Radiated Spurious Emission

Ambient condition

Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

Method of Measurement

- 1. The testing follows FCC KDB 971168 v03r01 Section 5.8 and ANSI C63.26-2015.
- 2. Below 1GHz: The EUT is placed on a turntable 0.8 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360°, and the receive antenna has two polarizations Vertical (V) and Horizontal (H). Above 1GHz: (Note: the FCC's permission to use 1.5m as an alternative per TCBC Conf call of Dec. 2, 2014.) The EUT is placed on a turntable 1.5 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360°, and the receive antenna has two polarizations Vertical (V) and Horizontal (H).
- 3. A loop antenna, A log-periodic antenna or horn antenna shall be substituted in place of the EUT. The log-periodic antenna will be driven by a signal generator and the level will be adjusted till the same power value on the spectrum analyzer or receiver. The level of the spurious emissions can be calculated through the level of the signal generator, cable loss, the gain of the substitution antenna and the reading of the spectrum analyzer or receiver.
- 4. The EUT is then put into continuously transmitting mode at its maximum power level during the test. Set Test Receiver or Spectrum RBW=1MHz, VBW=3MHz, and the maximum value of the receiver should be recorded as (Pr).
- 5. The EUT shall be replaced by a substitution antenna. In the chamber, an substitution antenna for the frequency band of interest is placed at the reference point of the chamber. An RF Signal source for the frequency band of interest is connected to the substitution antenna with a cable that has been constructed to not interfere with the radiation pattern of the antenna. A power (PMea) is applied to the input of the substitution antenna, and adjust the level of the signal generator output until the value of the receiver reach the previously recorded (Pr). The power of signal source (PMea) is recorded. The test should be performed by rotating the test item and adjusting the receiving antenna polarization.
- 6. A amplifier should be connected to the Signal Source output port. And the cable should be connect between the Amplifier and the Substitution Antenna. The cable loss (PcI) ,the Substitution Antenna Gain (Ga) and the Amplifier Gain (PAg) should be recorded after test.
- 7. The measurement results are obtained as described below:

Power(EIRP)=PMea- PAg - Pcl + Ga

The measurement results are amend as described below:

Power(EIRP)=PMea- Pcl + Ga

8. This value is EIRP since the measurement is calibrated using an antenna of known gain (2.15 dB) and known input power. ERP can be calculated from EIRP by subtracting the gain of the dipole, ERP

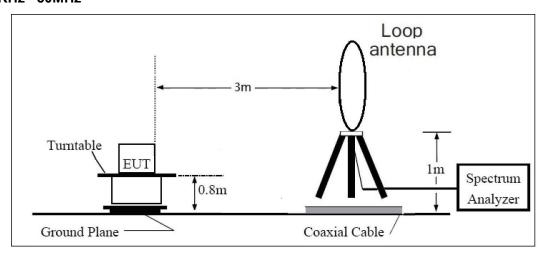


= EIRP-2.15dB.

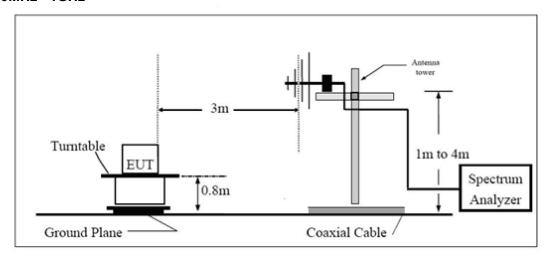
The modulation mode and RB allocation refer to section 5.1, using the maximum output power configuration.

Test setup

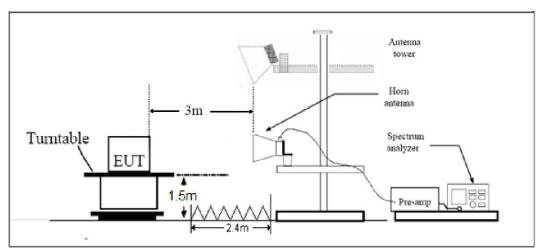
9KHz~30MHz



30MHz~1GHz



Above 1GHz



Note: Area side: 2.4mX3.6m



Limits

Rule Part 24.238(a) specifies that "on any frequency outside a licensee's frequency block, the power of any emission shall be attenuated below the transmitter power (P) by at least 43 + 10 log10 (P) dB."

Limit	-13 dBm
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Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor k = 1.96, U = 3.55 dB.

Test Results

Refer to the section 6.2 of this report for test data.





6. Test Results

6.1.RF Power Output and Effective Isotropic Radiated Power

WCDMA Band II		Maximum	Output Pov	ver (dBm)		EIRP (dBm)		
		Channel 9262	Channel 9400	Channel 9538	Channel 9262	Channel 9400	Channel 9538	
		1852.4	1880	1907.6	1852.4	1880	1907.6	
		(MHz)	(MHz)	(MHz)	(MHz)	(MHz)	(MHz)	
	12.2k	23.38	23.33	23.18	25.88	25.83	25.68	
RMC	64k	23.32	23.21	23.02	25.82	25.71	Channel 9538 1907.6 (MHz)	
TXIVIC	144k	23.23	23.16	23.01	25.73	25.66	25.51	
	384k	23.22	23.17	23.02	25.72	25.67	25.52	
	Sub - Test 1	22.36	22.37	22.35	24.86	24.87	24.85	
HSDPA	Sub - Test 2	22.39	22.37	22.30	24.89	24.87	24.80	
ПОДРА	Sub - Test 3	21.86	21.87	21.80	24.36	24.37	Channel 9538 1907.6 (MHz) 25.68 25.52 25.51 25.52 24.85 24.80 24.30 24.30 24.30 24.80 24.32 24.84 24.82 24.68 25.57 25.56 25.05	
	Sub - Test 4	21.90	21.81	21.80	24.40	24.31	24.30	
	Sub - Test 1	22.40	22.39	22.30	24.90	24.89	24.80	
	Sub - Test 2	21.90	21.88	21.82	24.40	24.38	24.32	
HSUPA	Sub - Test 3	22.43	22.38	22.34	24.93	24.88	Channel 9538 1907.6 (MHz) 25.68 25.52 25.51 25.52 24.85 24.80 24.30 24.30 24.30 24.84 24.82 24.84 24.82 25.57 25.56 25.05	
	Sub - Test 4	22.48	22.34	22.32	24.98	24.84	24.82	
	Sub - Test 5	22.32	22.21	22.18	24.82	24.71	24.68	
	Sub - Test 1	23.31	23.22	23.07	25.81	25.72	25.57	
DC-HSDPA	Sub - Test 2	23.30	23.21	23.06	25.80	25.71	25.56	
DC-USDPA	Sub - Test 3	22.79	22.70	22.55	25.29	25.20	25.05	
	Sub - Test 4	22.78	22.79	22.53	25.28	25.29	25.03	

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	LTE Band	Maximum Output EIRP (dBm)					1)				
		_		Power(dBm)							
		RB	RB	Channel/Frequency(MHz)							
BW	Modulation	size	offset	18607/	18900/	19193/	18607/	18900/	19193/		
		0120	Onoct	1850.7	1880	1909.3	1850.7	1880	1909.3		
		1	0	23.90	23.76	23.58	26.40	26.26	26.08		
		1	2	24.19	23.97	23.68	26.69	26.47	26.18		
		1	5	24.22	23.89	23.78	26.72	26.39	26.28		
	QPSK	3	0	23.86	23.87	23.81	26.36	26.37	26.31		
1.4MHz		3	2	23.96	23.65	23.86	26.46	26.15	26.36		
1.4101112		3	3	24.12	23.89	23.67	26.62	26.39	26.17		
		6	0	22.98	22.88	22.84	25.48	25.38	25.34		
		1	0	22.89	22.67	23.09	25.39	25.17	25.59		
	16QAM	1	2	23.05	22.96	23.17	25.55	25.46	25.67		
		1	5	22.95	22.85	22.95	25.45	25.35	25.45		
		DD		Channel/Frequency(MHz)							
BW	Modulation	RB	RB offset	18615/	18900/	19185/	18615/	18900/	19185/		
		size		1851.5	1880	1908.5	1851.5	1880	1908.5		
		1	0	23.98	23.77	23.64	26.48	26.27	26.14		
		1	7	24.13	23.84	24.43	26.63	26.34	26.93		
		1	14	23.82	23.58	23.52	26.32	26.08	26.02		
	QPSK	8	0	22.96	22.95	22.74	25.46	25.45	25.24		
		8	4	22.90	22.82	22.94	25.40	25.32	25.44		
3MHz		8	7	22.87	22.88	22.89	25.37	25.38	25.39		
		15	0	22.82	22.89	22.98	25.32	25.39	25.48		
	16QAM	1	0	23.17	22.99	23.43	25.67	25.49	25.93		
		1	7	23.76	22.88	24.14	26.26	25.38	26.64		
		1	14	23.09	22.90	23.32	25.59	25.40	25.82		
				Channel/Frequency(MHz)							
BW	Modulation	RB	RB	18625/	18900/	19175/	18625/	18900/	19175/		
		size	offset	1852.5	1880	1907.5	1852.5	1880	1907.5		
		1	0	23.95	23.75	23.60	26.45	26.25	26.10		
		1	13	24.11	23.80	24.40	26.61	26.30	26.90		
		1	24	23.79	23.53	23.48	26.29	26.03	25.98		
	QPSK	12	0	22.93	22.90	22.70	25.43	25.40	25.20		
		12	6	22.88	22.78	22.89	25.38	25.28	25.39		
5MHz		12	13	22.85	22.86	22.85	25.35	25.36	25.35		
		25	0	22.80	22.88	22.96	25.30	25.38	25.46		
		1	0	23.14	22.95	23.40	25.64	25.45	25.90		
	16QAM	1	13	23.73	22.86	24.11	26.23	25.36	26.61		
		1	24	23.06	22.88	23.28	25.56	25.38	25.78		
BW	Modulation	RB	RB			annel/Fred					
D 11	Modulation	ND	IND.		OII		4dCricy(iVii	14)			



		size	offset	18650/	10000/	404507	40050/	40000/	404504		
			0001		18900/	19150/	18650/	18900/	19150/		
1				1855	1880	1905	1855	1880	1905		
		1	0	23.97	23.76	23.63	26.47	26.26	26.13		
		1	25	24.14	23.85	24.44	26.64	26.35	26.94		
		1	49	23.81	23.57	23.51	26.31	26.07	26.01		
	QPSK	25	0	22.96	22.95	22.74	25.46	25.45	25.24		
10MHz		25	13	22.91	22.83	22.93	25.41	25.33	25.43		
TOWNIZ		25	25	22.87	22.90	22.90	25.37	25.40	25.40		
		50	0	22.88	22.90	23.00	25.38	25.40	25.50		
		1	0	23.16	22.98	23.42	25.66	25.48	25.92		
	16QAM	1	25	23.76	22.90	24.14	26.26	25.40	26.64		
		1	49	23.09	22.90	23.31	25.59	25.40	25.81		
		RB	RB	Channel/Frequency(MHz)							
BW	Modulation	size	offset	18675/	18900/	19125/	18675/	18900/	19125/		
		SIZE	Uliset	1857.5	1880	1902.5	1857.5	1880	1902.5		
	QPSK	1	0	23.96	23.72	23.61	26.46	26.22	26.11		
		1	38	24.12	23.84	24.41	26.62	26.34	26.91		
		1	74	23.78	23.52	23.47	26.28	26.02	25.97		
		36	0	22.94	22.91	22.71	25.44	25.41	25.21		
15MHz		36	18	22.88	22.78	22.89	25.38	25.28	25.39		
TOME		36	39	22.84	22.87	22.86	25.34	25.37	25.36		
		75	0	22.86	22.86	22.95	25.36	25.36	25.45		
	16QAM	1	0	23.11	22.96	23.40	25.61	25.46	25.90		
		1	38	23.74	22.87	24.12	26.24	25.37	26.62		
		1	74	23.06	22.86	23.28	25.56	25.36	25.78		
		RB	RB	Channel/Frequency(MHz)							
BW	Modulation		offset	18700/	18900/	19100/	18700/	18900/	19100/		
		size	Uliset	1860	1880	1900	1860	1880	1900		
		1	0	23.93	23.68	23.58	26.43	26.18	26.08		
		1	50	24.11	23.80	24.39	26.61	26.30	26.89		
		1	99	23.76	23.51	23.44	26.26	26.01	25.94		
	QPSK	50	0	22.91	22.86	22.67	25.41	25.36	25.17		
201411-		50	25	22.86	22.74	22.86	25.36	25.24	25.36		
20MHz		50	50	22.81	22.82	22.82	25.31	25.32	25.32		
		100	0	22.83	22.81	22.91	25.33	25.31	25.41		
		1	0	23.09	22.92	23.35	25.59	25.42	25.85		
	16QAM	1	50	23.70	22.85	24.08	26.20	25.35	26.58		
		1	99	23.04	22.83	23.26	25.54	25.33	25.76		



6.2. Radiated Spurious Emission

Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier, the emissions below the noise floor will not be recorded in the report.

WCDMA Band II CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3758.40	-57.31	2.60	12.50	Vertical	-47.41	-13.00	34.41	180
3	5643.60	-57.56	3.30	12.50	Vertical	-48.36	-13.00	35.36	90
4	7528.60	-58.57	4.20	12.20	Vertical	-50.57	-13.00	37.57	90
5	9409.40	-54.18	4.30	11.10	Vertical	-47.38	-13.00	34.38	45
6	11278.00	-52.50	5.90	11.90	Vertical	-46.50	-13.00	33.50	180
7	13160.00	-52.88	5.70	14.00	Vertical	-44.58	-13.00	31.58	0
8	15040.00	-49.24	5.80	13.10	Vertical	-41.94	-13.00	28.94	45
9	16920.00	-51.19	6.10	14.60	Vertical	-42.69	-13.00	29.69	315
10	18800.00	/	1	1	/	/	/	/	/

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

LTE Band 2 1.4MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3759.00	-47.31	2.60	12.50	Vertical	-37.41	-13.00	24.41	270
3	5638.70	-51.50	3.30	12.50	Vertical	-42.30	-13.00	29.30	0
4	7520.00	-50.31	4.20	12.20	Vertical	-42.31	-13.00	29.31	270
5	9400.00	-52.48	4.30	11.10	Vertical	-45.68	-13.00	32.68	0
6	11280.00	-52.46	5.90	11.90	Vertical	-46.46	-13.00	33.46	270
7	13160.00	-54.47	5.70	14.00	Vertical	-46.17	-13.00	33.17	225
8	15040.00	-50.17	5.80	13.10	Vertical	-42.87	-13.00	29.87	0
9	16920.00	-53.31	6.10	14.60	Vertical	-44.81	-13.00	31.81	135
10	18800.00	/	1	/	1	1	1	1	1

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

^{2.} The worst emission was found in the antenna is Vertical position.



LTE Band 2 5MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3755.80	-50.53	2.60	12.50	Vertical	-40.63	-13.00	27.63	0
3	5633.63	-51.14	3.30	12.50	Vertical	-41.94	-13.00	28.94	45
4	7511.40	-52.75	4.20	12.20	Vertical	-44.75	-13.00	31.75	90
5	9400.00	-55.18	4.30	11.10	Vertical	-48.38	-13.00	35.38	45
6	11280.00	-52.81	5.90	11.90	Vertical	-46.81	-13.00	33.81	225
7	13160.00	-54.39	5.70	14.00	Vertical	-46.09	-13.00	33.09	135
8	15040.00	-50.24	5.80	13.10	Vertical	-42.94	-13.00	29.94	90
9	16920.00	-53.20	6.10	14.60	Vertical	-44.70	-13.00	31.70	45
10	18800.00	1	1	/	/	1	1	/	/

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

LTE Band 2 20MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3742.13	-50.34	2.60	12.50	Vertical	-40.44	-13.00	27.44	225
3	5613.38	-50.48	3.30	12.50	Vertical	-41.28	-13.00	28.28	45
4	7484.63	-52.86	4.20	12.20	Vertical	-44.86	-13.00	31.86	90
5	9400.00	-55.30	4.30	11.10	Vertical	-48.50	-13.00	35.50	45
6	11280.00	-53.20	5.90	11.90	Vertical	-47.20	-13.00	34.20	45
7	13160.00	-54.47	5.70	14.00	Vertical	-46.17	-13.00	33.17	45
8	15040.00	-50.52	5.80	13.10	Vertical	-43.22	-13.00	30.22	135
9	16920.00	-52.98	6.10	14.60	Vertical	-44.48	-13.00	31.48	45
10	18800.00	/	/	1	/	/	/	/	1

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

^{2.} The worst emission was found in the antenna is Vertical position.

^{2.} The worst emission was found in the antenna is Vertical position.



7. Main Test Instruments

Name	Manufacturer	nufacturer Type		Calibration Date	Expiration Date
Signal Analyzer	R&S	FSV40	101297	2021-12-12	2022-12-11
Loop antenna	SCHWARZBECK	FMZB1519	1519-047	2020-04-02	2023-04-01
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9163	391	2019-12-16	2022-12-15
Horn Antenna	Schwarzbeck	BBHA 9120D	1594	2020-12-17	2023-12-16
Horn Antenna	ETS-Lindgren	3160-09	00102643	2021-10-10	2024-10-09
Software	R&S	EMC32	9.26.0	1	/

******END OF REPORT ******



ANNEX A: The EUT Appearance

The EUT Appearance is submitted separately.



ANNEX B: Test Setup Photos

The Test Setup Photos is submitted separately.