





RF TEST REPORT

Applicant Positioning Universal Inc

FCC ID 2AHRH-FJ1510MA

Product GPS Tracker

Brand FJ1510

Model FJ1510MA

Report No. R2307A0797-R1

Issue Date August 3, 2023

TA Technology (Shanghai) Co., Ltd. tested the above equipment in accordance with the requirements in FCC CFR47 Part 2 (2022)/ FCC CFR 47 Part 22H (2022). The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Prepared by: Xu Ying

Approved by: Xu Kai

TA Technology (Shanghai) Co., Ltd.

Building 3, No.145, Jintang Rd, Pudong Shanghai, P.R.China TEL: +86-021-50791141/2/3 FAX: +86-021-50791141/2/3-8000

Report No.: R2307A0797-R1

TABLE OF CONTENT

1.	. Test	Laboratory	4
	1.1.	Notes of the Test Report	
	1.2.	Test Facility	
	1.3.	Testing Location	
2.	. Gen	eral Description of Equipment Under Test	5
	2.1.	Applicant and Manufacturer Information	
	2.2.	General Information	5
3.	. Арр	lied Standards	6
4.		Configuration	
5.		Case	
		RF Power Output and Effective Radiated Power	
	5.2.	Radiated Spurious Emission	9
6.	. Test	Result	12
	6.1.	RF Power Output and Effective Radiated Power	12
	6.2.	Radiated Spurious Emission	14
7.	. Mair	n Test Instruments	17
Α		A: The EUT Appearance	
		3: Test Setup Photos	



RF Test Report Report No.: R2307A0797-R1

Summary of Measurement Results

No.	Test Case	Clause in FCC rules	Verdict
1	RF Power Output and Effective Radiated Power	2.1046 22.913(a)(5)	PASS
2	Radiated Spurious Emission	2.1053 / 22.917 (a)	PASS

Date of Testing: July 17, 2023 ~ July 26, 2023 Date of Sample Received: July 13, 2023

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.

Only Radiated Spurious Emission is tested for FJ1510MA in this report, and because of the change of antenna gain, Effective Radiated Power also re evaluated.

Other test items refer to the Module report (Report No.: 50289118 005, FCC ID: RI7ME910G1W1).



1. Test Laboratory

1.1. Notes of the Test Report

This report shall not be reproduced in full or partial, without the written approval of TA Technology

Report No.: R2307A0797-R1

(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, Pudong Shanghai, P.R.China

City:

Shanghai

Post code:

201201

Country:

P. R. China

Contact:

Xu Kai

Telephone:

+86-021-50791141/2/3

Fax:

+86-021-50791141/2/3-8000

Website:

http://www.ta-shanghai.com

E-mail:

xukai@ta-shanghai.com



2. General Description of Equipment Under Test

2.1. Applicant and Manufacturer Information

Applicant	Positioning Universal Inc				
Applicant address	4660 La Jolla Village Drive, Suite 1100, San Diego, CA92122,				
Applicant address	United States				
Manufacturer	Positioning Universal Inc				
Manufacturer address	4660 La Jolla Village Drive, Suite 1100, San Diego, CA92122,				
Manufacturer address	United States				

Report No.: R2307A0797-R1

2.2. General Information

EUT Description									
Model FJ1510MA									
IMEI	351489661726430								
Hardware Version	P2								
Software Version	1.2.0								
Power Supply	External power supply								
Antenna Type	PIFA Antenna								
Antenna Gain	0.19 dBi								
Test Mode(s)	LTE-M Band 5/26;								
Test Modulation	(LTE-M) QPSK, 16QAM								
LTE-M Category M1									
	LTE-M Band 5	19.78 dBm							
Maximum E.R.P.	LTE-M Band 26								
Rated Power Supply Voltage	12V								
Operating Voltage	Minimum: 7V Maximum:	: 36V							
Operating Temperature	Lowest: -30°C Highest:	: +70°C							
	Band	Tx (MHz)	Rx (MHz)						
Operating Frequency Range(s)	LTE-M Band 5	824 ~ 849	869 ~ 894						
	LTE-M Band 26	824 ~ 849	869 ~ 894						
	EUT Accessory								
Battery	Manufacturer: Shenzhen S Model: SL 533060	henlan Aifa Technol	ogy Co.Ltd						
	Auxiliary Test Equipme	ent							
Adapter	Manufacturer: Shenzhen Sorghum red Electronics Technology Co., Ltd. Model: G024C1202000U								
Note: 1. The EUT is sent from the	e applicant to TA and the info	ormation of the EUT	is declared by the						
applicant.									

TA Technology (Shanghai) Co., Ltd.

TA-MB-05-001R

Page 5 of 19



3. Applied Standards

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

Report No.: R2307A0797-R1

Test standards:

FCC CFR 47 Part 22H (2022)

FCC CFR47 Part 2 (2022)

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 (Z axis, horizontal polarization) and the worst case was recorded.

Report No.: R2307A0797-R1

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 LTE-M is set based on the maximum RF Output Power.

Test modes are chosen as the worst case configuration below for LTE-M Band 5/26

Test items	Modes	Bandwidth (MHz)				Modulation		RB			Test Channel			
		1.4	3	5	10	15	QPSK	16QAM	1	50%	100%	L	М	Н
RF power output	LTE-M 5	0	0	0	0	-	0	0	0	0	0	0	0	0
and Effective Radiated power	LTE-M 26	0	0	0	0	0	0	0	0	0	0	0	0	0
Radiated Spurious	LTE-M 5	0	-	0	0	-	0	-	0	-	-	-	0	-
Emission	LTE-M 26	0	-	0	-	0	0	-	0	-	-	-	0	1
Note	1. The mar 2. The mar					•			esting					

TA Technology (Shanghai) Co., Ltd.



5. Test Case

5.1. RF Power Output and Effective Radiated Power

Ambient Condition

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

Report No.: R2307A0797-R1

Methods of Measurement

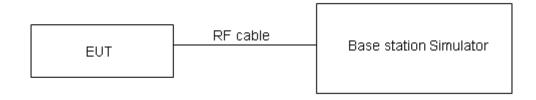
During the process of the testing, The EUT was connected to the Base Station Simulator with a known loss. The EUT is controlled by the Base Station Simulator test set to ensure max power transmission with proper modulation.

ERP can then be calculated as follows:

EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)

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

Test Setup



Limits

No specific RF power output requirements in part 2.1046.

Rule Part 22.913(a)(5) specifies that "Mobile/portable stations are limited to 7 watts ERP".

	. = 114 (00 45 15)
Limit	≤ 7 W (38.45 dBm)

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 ERP.

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				

Report No.: R2307A0797-R1

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=100kHz, VBW=300kHz, 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

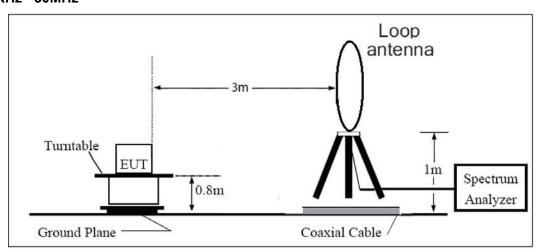
8. This value is EIRP since the measurement is calibrated using an antenna of known gain (2.15 dB) and known input power. ERP can be calculated from EIRP by subtracting the gain of the dipole, ERP = EIRP-2.15dB.

RF Test Report No.: R2307A0797-R1
The modulation mode and RB allocation refer to section 5.1, using the maximum output power

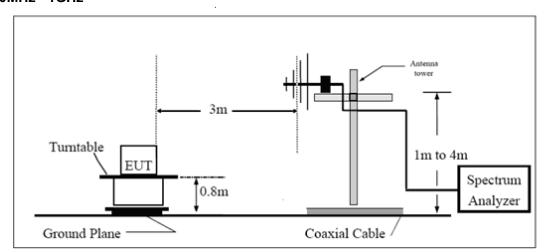
Test Setup

configuration.

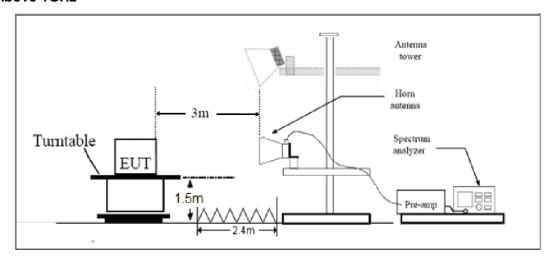
9KHz~30MHz



30MHz~1GHz



Above 1GHz



Note: Area side: 2.4mX3.6m



Limits

Rule Part 22.917(a) specifies that "The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log (P) Db."

Report No.: R2307A0797-R1

	40 dD
Limit	-13 dBm

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 Result

6.1. RF Power Output and Effective Radiated Power

LTE-M	Channel/	Index	RB# RBstart	RB# RBstart	Maximur Power	n Output (dBm)	ERP	(dBm)
Band 5	Frequency(MHz)		QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
	00407/0047	0	1#0	1#0	21.10	20.85	19.14	18.89
	20407/824.7	0	6#0	5#0	19.20	19.14	17.24	17.18
1.4MHz	20525/926 5	0	1#0	1#0	21.55	20.61	19.59	18.65
1.4IVI⊓Z	20525/836.5	0	6#0	5#0	19.26	19.22	17.30	17.26
	20643/848.3	0	1#5	1#5	20.84	19.70	18.88	17.74
	20043/040.3	0	6#0	5#0	18.92	18.72	16.96	16.76
	20/15/225 5	0	1#0	1#0	21.38	20.26	19.42	18.30
	20415/825.5	0	6#0	5#0	19.25	19.03	17.29	17.07
3MHz	20525/836.5	0	1#0	1#0	21.57	20.65	19.61	18.69
SIVITZ		0	6#0	5#0	19.28	19.25	17.32	17.29
	20635/847.5	1	1#5	1#5	20.83	19.80	18.87	17.84
		1	6#0	5#0	18.82	18.73	16.86	16.77
	20425/826.5	3	1#0	1#0	21.53	21.02	19.57	19.06
		0	6#0	5#0	20.20	20.45	18.24	18.49
5MHz	20525/836.5	0	1#0	1#0	21.50	21.74	19.54	19.78
SIVIFIZ		0	6#0	5#0	20.25	20.33	18.29	18.37
	20625/846.5	0	1#5	1#5	21.03	20.75	19.07	18.79
	20025/640.5	3	6#0	5#0	19.94	20.08	17.98	18.12
	20450/829	3	1#0	1#0	21.52	21.74	19.56	19.78
	20430/629	0	4#0	4#0	21.13	21.00	19.17	19.04
10MHz	20525/836.5	0	1#0	1#0	21.37	21.15	19.41	19.19
TUIVITIZ	20020/000.0	0	4#0	4#0	21.17	20.60	19.21	18.64
	20600/844	4	1#5	1#5	21.21	20.67	19.25	18.71
	20000/044	7	4#2	4#2	20.80	20.60	18.84	18.64

LTE-M	Channel/	Index	RB# RBstart			m Output (dBm)	ERP (dBm)		
Band 26	Frequency(MHz)		QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	
	26797/824.7	0	1#0	1#0	21.18	20.05	19.22	18.09	
	20191/024.1	0	6#0	5#0	18.88	18.84	16.92	16.88	
1.4MHz	26915/836.5	0	1#0	1#0	20.98	19.87	19.02	17.91	
1. 4 1VI⊓Z		0	6#0	5#0	18.98	18.76	17.02	16.80	
	27033/848.3	0	1#5	1#5	20.68	19.54	18.72	17.58	
		0	6#0	5#0	18.75	18.60	16.79	16.64	
3MHz	26805/825.5	0	1#0	1#0	21.02	19.90	19.06	17.94	
SIVITZ	20005/025.5	0	6#0	5#0	18.96	18.78	17.00	16.82	

Page 12 of 19

Report No.: R2307A0797-R1



Report No.: R2307A0797-R1 21.26 0 1#0 1#0 20.31 19.30 18.35 26915/836.5 0 6#0 5#0 18.97 18.93 17.01 16.97 1#5 1#5 20.95 20.05 1 18.99 18.09 27025/847.5 1 6#0 5#0 18.79 18.75 16.79 16.83 3 21.16 19.20 1#0 1#0 20.70 18.74 26815/826.5 0 6#0 5#0 19.96 20.12 18.00 18.16 0 1#0 1#0 21.23 21.40 19.27 19.44 5MHz 26915/836.5 0 5#0 20.00 20.04 18.04 6#0 18.08 0 1#5 1#5 21.06 21.21 19.10 19.25 27015/846.5 3 6#0 5#0 19.84 19.78 17.88 17.82 3 1#0 1#0 21.21 21.35 19.25 19.39 26840/829 0 4#0 4#0 20.88 20.68 18.92 18.72 0 1#0 1#0 21.20 21.12 19.24 19.16 10MHz 26915/836.5 0 4#0 4#0 20.87 20.74 18.91 18.78 4 1#5 1#5 21.12 20.72 19.16 18.76 26990/844 7 4#2 4#2 20.69 20.48 18.73 18.52 3 1#0 1#0 21.17 20.71 19.21 18.75 26865/831.5 0 6#0 5#0 21.02 19.06 20.72 18.76 21.40 0 1#0 1#0 21.14 19.18 19.44 15MHz 26915/836.5 0 6#0 5#0 20.84 20.89 18.88 18.93 8 1#5 1#5 20.92 20.72 18.96 18.76 26965/841.5 11 6#0 5#0 20.73 20.88 18.77 18.92



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.

Report No.: R2307A0797-R1

LTE-M Band 5 1.4MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1673.00	-43.09	1.70	8.70	Horizontal	-38.24	-13.00	25.24	57
3	2509.50	-59.12	2.30	12.00	Horizontal	-51.57	-13.00	38.57	2
4	3343.20	-69.94	2.70	12.70	Horizontal	-62.09	-13.00	49.09	73
5	4179.00	-65.37	3.00	12.50	Horizontal	-58.02	-13.00	45.02	315
6	5014.80	-63.47	3.40	12.50	Horizontal	-56.52	-13.00	43.52	111
7	5850.60	-61.62	3.40	12.80	Horizontal	-54.37	-13.00	41.37	229
8	6686.40	-60.20	4.10	11.50	Horizontal	-54.95	-13.00	41.95	298
9	7522.20	-58.41	4.20	12.20	Horizontal	-52.56	-13.00	39.56	54
10	8358.00	-56.41	4.30	12.50	Horizontal	-50.36	-13.00	37.36	201

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

LTE-M Band 5 5MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1668.60	-40.81	1.70	8.70	Horizontal	-35.96	-13.00	22.96	131
3	2503.30	-60.28	2.30	12.00	Horizontal	-52.73	-13.00	39.73	16
4	3336.00	-70.16	2.70	12.70	Horizontal	-62.31	-13.00	49.31	315
5	4170.00	-65.15	3.00	12.50	Horizontal	-57.80	-13.00	44.80	91
6	5004.00	-63.24	3.40	12.50	Horizontal	-56.29	-13.00	43.29	128
7	5838.00	-61.65	3.40	12.80	Horizontal	-54.40	-13.00	41.40	240
8	6672.00	-59.39	4.10	11.50	Horizontal	-54.14	-13.00	41.14	174
9	7506.00	-58.09	4.20	12.20	Horizontal	-52.24	-13.00	39.24	53
10	8340.00	-55.98	4.30	12.50	Horizontal	-49.93	-13.00	36.93	249

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

TA Technology (Shanghai) Co., Ltd.

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

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



LTE-M Band 5 10MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1664.40	-42.07	1.70	8.70	Horizontal	-37.22	-13.00	24.22	40
3	2496.60	-60.50	2.30	12.00	Horizontal	-52.95	-13.00	39.95	2
4	3326.00	-69.41	2.70	12.70	Horizontal	-61.56	-13.00	48.56	0
5	4157.50	-66.02	3.00	12.50	Horizontal	-58.67	-13.00	45.67	293
6	4989.00	-64.93	3.40	12.50	Horizontal	-57.98	-13.00	44.98	19
7	5820.50	-61.89	3.40	12.80	Horizontal	-54.64	-13.00	41.64	251
8	6652.00	-60.10	4.10	11.50	Horizontal	-54.85	-13.00	41.85	83
9	7483.50	-58.24	4.20	12.20	Horizontal	-52.39	-13.00	39.39	67
10	8315.00	-56.49	4.30	12.50	Horizontal	-50.44	-13.00	37.44	41

Report No.: R2307A0797-R1

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

LTE-M Band 26 1.4MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1673.00	-45.74	1.70	8.70	Horizontal	-40.89	-13.00	27.89	200
3	2509.50	-63.96	2.30	12.00	Horizontal	-56.41	-13.00	43.41	264
4	3346.00	-64.61	2.70	12.70	Horizontal	-56.76	-13.00	43.76	18
5	4182.50	-63.50	3.00	12.50	Horizontal	-56.15	-13.00	43.15	105
6	5019.00	-60.28	3.40	12.50	Horizontal	-53.33	-13.00	40.33	62
7	5855.50	-62.43	3.40	12.80	Horizontal	-55.18	-13.00	42.18	246
8	6692.00	-59.30	4.10	11.50	Horizontal	-54.05	-13.00	41.05	130
9	7528.50	-56.15	4.20	12.20	Horizontal	-50.30	-13.00	37.30	117
10	8365.00	-56.57	4.30	12.50	Horizontal	-50.52	-13.00	37.52	98

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

TA Technology (Shanghai) Co., Ltd.

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

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



LTE-M Band 26 5MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1668.00	-42.43	1.70	8.70	Horizontal	-37.58	-13.00	24.58	234
3	2502.00	-63.26	2.30	12.00	Horizontal	-55.71	-13.00	42.71	13
4	3336.00	-64.61	2.70	12.70	Horizontal	-56.76	-13.00	43.76	132
5	4170.00	-63.53	3.00	12.50	Horizontal	-56.18	-13.00	43.18	95
6	5004.00	-59.51	3.40	12.50	Horizontal	-52.56	-13.00	39.56	63
7	5838.00	-60.48	3.40	12.80	Horizontal	-53.23	-13.00	40.23	287
8	6672.00	-59.11	4.10	11.50	Horizontal	-53.86	-13.00	40.86	164
9	7506.00	-55.99	4.20	12.20	Horizontal	-50.14	-13.00	37.14	13
10	8340.00	-56.43	4.30	12.50	Horizontal	-50.38	-13.00	37.38	45

Report No.: R2307A0797-R1

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

LTE-M Band 26 15MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1658.00	-41.34	1.70	8.70	Horizontal	-36.49	-13.00	23.49	238
3	2487.00	-61.30	2.30	12.00	Horizontal	-53.75	-13.00	40.75	15
4	3316.00	-64.65	2.70	12.70	Horizontal	-56.80	-13.00	43.80	225
5	4145.00	-62.58	3.00	12.50	Horizontal	-55.23	-13.00	42.23	90
6	4974.00	-60.07	3.40	12.50	Horizontal	-53.12	-13.00	40.12	180
7	5803.00	-61.07	3.40	12.80	Horizontal	-53.82	-13.00	40.82	65
8	6632.00	-58.70	4.10	11.50	Horizontal	-53.45	-13.00	40.45	90
9	7461.00	-55.70	4.20	12.20	Horizontal	-49.85	-13.00	36.85	229
10	8290.00	-56.54	4.30	12.50	Horizontal	-50.49	-13.00	37.49	135

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

TA Technology (Shanghai) Co., Ltd.

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

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



7. Main Test Instruments

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Spectrum Analyzer	R&S	FSV30	100815	2022-12-10	2023-12-09
Loop Antenna	SCHWARZBECK	FMZB1519	1519-047	2023-04-16	2026-04-15
TRILOG Broadband Antenna	Schwarzbeck	VULB 9163	01439	2021-06-30	2024-06-29
Horn Antenna	Schwarzbeck	BBHA 9120D	1594	2020-12-17	2023-12-16
Software	R&S	EMC32	10.35.10	1	/

Report No.: R2307A0797-R1

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



ANNEX A: The EUT Appearance

The EUT Appearance is submitted separately.

Report No.: R2307A0797-R1



ANNEX B: Test Setup Photos

The Test Setup Photos is submitted separately.

Report No.: R2307A0797-R1