Radio Test Report

Report No.: STS2502323W07

Issued for

Trackimo INC.

680 Central Ave, Cedarhurst, New York 11516, USA

Product Name:	GPS Tracker
Brand Name:	Tracki, Trackimo
Model Name:	TRKM110-C
Series Model(s):	N/A
FCC ID:	2AAI6-TRKM110-C
Test Standards:	47 CFR Part 2, 22, 24, 27, 90

The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Shenzhen STS Test Services Co., Ltd.

TEST REPORT

Applicant's Name .....: Trackimo INC.

Address.....: 680 Central Ave, Cedarhurst, New York 11516, USA

Manufacturer's Name.....: Trackimo INC.

Address.....: 680 Central Ave, Cedarhurst, New York 11516, USA

Product Description

Product Name .....: GPS Tracker

Brand Name.....: Tracki, Trackimo

Model Name.....: TRKM110-C

Series Model(s) .....: N/A

Test Standards.....: 47 CFR Part 2, 22, 24, 27, 90

Test Procedure.....: KDB 971168 D01 v03r01,ANSI C63.26(2015)

This device described above has been tested by STS, the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.
The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Shenzhen STS Test Services Co., Ltd.

Date of Test.....:

Date of receipt of test item.....: 28 Feb. 2025

Date (s) of performance of tests : 28 Feb. 2025 ~ 31 Mar. 2025

Date of Issue .....: 31 Mar. 2025

Test Result .....: Pass

Testing Engineer : Lenon.Hou

(Lenon Hou)

Technical Manager : Tony Liu

(Tony Liu)

Authorized Signatory : Bovey Yang

(Bovey Yang)

SHENZHEN STS TEST SERVICES CO., LTD. TESTING APPROVAL

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Revision History

Rev.	Issue Date	Report No.	Effect Page	Contents
00	31 Mar. 2025	STS2502323W07	ALL	Initial Issue

SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

The radiated emission testing was performed according to the procedures of KDB 971168 D01 v03r01 and ANSI C63.26(2015)

Test Description	FCC Rules	Band	Test Limit	Test Result
Conducted Output Power	2.1046	/	Reporting Only	PASS
Transmitter Radiated Power	22.913	B5, B26	ERP < 7 Watt	PASS
	24.232(c)	B2, B25	EIRP < 2Watt	
	27.50(c)	B12, B17	ERP < 3 Watt	
	27.50(d)	B4	EIRP < 1Watt	
	27.50(h)	B7	EIRP < 2Watt	
	90.542	/	ERP < 3Watt	
	90.635(b)	B26	ERP < 100Watt	
Peak-to-Average Ratio	22.913(d)	B5, B26	< 13 dB	PASS
	24.232(d)	B2, B25		
	27.50	B4, B7, B12, B17		
Occupied Bandwidth	2.1049	/	Reporting Only	PASS
Frequency Stability	2.1055	/	< 2.5 ppm	PASS
	22.355	B5, B26		
	24.235	B2, B25		
	27.54	B4, B7, B12, B17		
	90.213	B26		
Spurious Emission at Antenna Terminals	2.1051	/	< 43+10log10(P[Watts])	PASS
	22.917	B5, B26		
	24.238(a)	B2, B25		
	27.53(g)	B12, B17		

	27.53(h)	B4		
	90.691	B26		
	27.53(m)	B7	< 55+10log10(P[Watts])	
Band Edge	2.1051	/	Please refer to standard	PASS
	22.917	B5, B26		
	24.238(a)	B2, B25		
	27.53(g)	B12, B17		
	27.53(h)	B4		
	27.53(m)	B7		
	90.691	B26		
Field Strength of Spurious Radiation	2.1053	/	< 43+10log10(P[Watts])	PASS
	22.917	B5, B26		
	24.238(a)	B2, B25		
	27.53(g)	B12, B17		
	27.53(h)	B4		
	90.691	B26		
	27.53(m)	B7	< 55+10log10(P[Watts])	

1 INTRODUCTION

1.1 TEST FACTORY

SHENZHEN STS TEST SERVICES CO., LTD

Add. : 101, Building B, Zhuoke Science Park, No.190 Chongqing Road, ZhanChengShequ, Fuhai Sub-District, Bao'an District, Shenzhen, Guang Dong, China

FCC test Firm Registration Number: 625569

IC test Firm Registration Number: 12108A

A2LA Certificate No.: 4338.01

1.2 MEASUREMENT UNCERTAINTY

The measurement uncertainties shown below were calculated in accordance with the requirements ofANSI C63.4-2014. All measurement uncertainty values are shown with a coverage factor of k = 2 toindicate a 95% level of confidence. The measurement data shown herein meets or exceeds the UCISPRmeasurement uncertainty values specified in CISPR 16-4-2 and, thus, can be compared directly tospecified limits to determine compliance.

No.	Item	Uncertainty
1	RF output power, conducted	±0.755dB
2	Unwanted Emissions, conducted	±2.874dB
3	All emissions, radiated 9K-30MHz	±3.80dB
4	All emissions, radiated 30M-1GHz	±4.18dB
5	All emissions, radiated 1G-6GHz	±4.90dB
6	All emissions, radiated>6G	±5.24dB
7	Conducted Emission (9KHz-150KHz)	±2.19dB
8	Conducted Emission (150KHz-30MHz)	±2.53dB
9	Occupied Channel Bandwidth	±3.5%
10	Power Spectral Density, conducted	±1.245dB
11	Duty Cycle	±3.2%

2 PRODUCT INFORMATION

Product Name	GPS Tracker
Brand Name	Tracki, Trackimo
Model Name	TRKM110-C
Series Model(s)	N/A
Model Difference	N/A
Tx Frequency:	LTE Band 2:1850~1910MHz LTE Band 4:1710~1755MHz LTE Band 5:824~849MHz LTE Band 7:2500~2570MHz LTE Band 12:699~716MHz LTE Band 17:704~716MHz LTE Band 25:1850~1915MHz LTE Band 26 Part 90:814~824MHz LTE Band 26 Part 22:824-849 MHz
Rx Frequency:	LTE Band 2:1930 ~1990MHz LTE Band 4:2110~2155MHz LTE Band 5:869~894MHz LTE Band 7:2620~2690MHz LTE Band 12:729~746MHz LTE Band 17:734~746MHz LTE Band 25:1930~1995MHz LTE Band 26 Part 90:859~869MHz LTE Band 26 Part 22:869-894MHz
Max RF Output Power:	LTE Band 2: 22.60dBm LTE Band 4: 22.63dBm LTE Band 5: 22.88dBm LTE Band 7: 21.98dBm LTE Band 12: 23.41dBm LTE Band 17: 23.01dBm LTE Band 25: 22.45dBm LTE Band 26 Part 90: 23.27dBm LTE Band 26 Part 22: 23.06dBm
Modulation Characteristics:	LTE: QPSK /16QAM
SIM Card:	Built-in SIM card
Antenna:	PIFA
Antenna gain:	LTE Band 2:-2.06 dBi LTE Band 4:-2.57dBi LTE Band 5:-2.91 dBi LTE Band 7:-2.25 dBi LTE Band 12:-5.8 dBi LTE Band 17:-5.8 dBi LTE Band 25:-2.06 dBi LTE Band 26:-2.91 dBi
GPRS/EDGE Class:	Multi-Class12
Extreme Vol. Limits:	DC 3.33V ~ DC 4.07V (Normal: DC 3.7V)
Extreme Temp. Tolerance:	0℃ to +45℃

Power Rating	Input: DC 5V 2A
Battery	Rated Voltage: 3.7V Charge Limit Voltage: 4.2V Capacity: 10500mAh
Adapter	N/A
Hardware version number:	V0.2
Software version number:	W217_VG01_E_T_V04_release_20250426_2030
*** Note:* *1.The High Voltage DC 4.07V and Low Voltage DC 3.33V was declared by manufacturer, The EUT couldn't be operate normally with higher or lower voltage, the antenna information refer the manufacturer provide report, applicable only to the tested sample identified in the report.*	
2. 16QAM does not support 10M and above.	

2.1 EMISSION DESIGNATOR

LTE Band 2	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M10G7D	1M12W7D
3	2M71G7D	2M71W7D
5	4M52G7D	4M51W7D
10	8M97G7D	\
15	13M5G7D	\
20	18M0G7D	\
LTE Band 4	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M11G7D	1M11W7D
3	2M71G7D	2M72W7D
5	4M52G7D	4M51W7D
10	9M01G7D	\
15	13M5G7D	\
20	18M0G7D	\
LTE Band 5	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M11G7D	1M11W7D
3	2M71G7D	2M71W7D
5	4M51G7D	4M51W7D
10	9M03G7D	\
LTE Band 7	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
5	4M51G7D	4M51W7D
10	9M00G7D	\
15	13M5G7D	\
20	17M9G7D	\
LTE Band 12	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M11G7D	1M12W7D
3	2M71G7D	2M72W7D
5	4M50G7D	4M51W7D
10	9M01G7D	\

LTE Band 17	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
5	4M51G7D	4M51W7D
10	8M97G7D	\
LTE Band 25	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M11G7D	1M11W7D
3	2M71G7D	2M72W7D
5	4M52G7D	4M52W7D
10	8M98G7D	
15	13M5G7D	
20	18M0G7D	
LTE Band 26	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M11G7D	1M11W7D
3	2M71G7D	2M71W7D
5	4M52G7D	4M51W7D
10	8M97G7D	\
LTE Band 26	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M11G7D	1M11W7D
3	2M71G7D	2M70W7D
5	4M51G7D	4M50W7D
10	9M02G7D	\
15	13M5G7D	\

3 TEST CONFIGURATION OF EQUIPMENT UNDER TEST

Antenna port conducted and radiated test items were performed according to KDB 971168 D01 and ANSI C63.26 2015 Power Meas. License Digital Systems with maximum output power.

Radiated measurements were performed with rotating EUT in different three orthogonal test planes to find the maximum emission.
Remark:
1. The mark 'v'means that this configuration is chosen for testing
2. The mark '-'means that this bandwidth is not supported.
3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated.

ITEMS	Band	Bandwidth (MHz)						Modulation		RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK		1	Half	Full	L	M	H
Max. Output Power	2	v	v	v	v	v	v	v		v	v	v	v	v	v
	4	v	v	v	v	v	v	v		v	v	v	v	v	v
	5	v	v	v	v			v		v	v	v	v	v	v
	7			v	v	v	v	v		v	v	v	v	v	v
	12	v	v	v	v			v		v	v	v	v	v	v
	17			v	v			v		v	v	v	v	v	v
	25	v	v	v	v	v	v	v		v	v	v	v	v	v
	26	v	v	v	v	v		v		v	v	v	v	v	v
Peak&Avera Ratio	2	v	v	v	v	v	v	v		v			v	v	v
	4	v	v	v	v	v	v	v		v			v	v	v
	5	v	v	v	v			v		v			v	v	v
	7			v	v	v	v	v		v			v	v	v
	12	v	v	v	v			v		v			v	v	v
	17			v	v			v		v			v	v	v
	25	v	v	v	v	v	v	v		v			v	v	v
	26	v	v	v	v	v		v		v			v	v	v
26dB&99% Bandwidth	2	v	v	v	v	v	v	v				v	v	v	v
	4	v	v	v	v	v	v	v				v	v	v	v
	5	v	v	v	v			v				v	v	v	v
	7			v	v	v	v	v				v	v	v	v
	12	v	v	v	v			v				v	v	v	v
	17			v	v			v				v	v	v	v
	25	v	v	v	v	v	v	v				v	v	v	v
	26	v	v	v	v	v		v				v	v	v	v
Conducted Band Edge	2	v	v	v	v	v	v	v				v	v		v
	4	v	v	v	v	v	v	v				v	v		v
	5	v	v	v	v			v				v	v		v
	7			v	v	v	v	v				v	v		v
	12	v	v	v	v			v				v	v		v
	17			v	v			v				v	v		v
	25	v	v	v	v	v	v	v				v	v		v
	26	v	v	v	v	v		v				v	v		v
Conducted	2	v	v	v	v	v	v	v		v		v	v	v	v

Spurious Emission	4	v	v	v	v	v	v	v		v		v	v	v	v
	5	v	v	v	v			v		v		v	v	v	v
	7			v	v	v	v	v		v		v	v	v	v
	12	v	v	v	v			v		v		v	v	v	v
	17			v	v			v		v		v	v	v	v
	25	v	v	v	v	v	v	v		v		v	v	v	v
	26	v	v	v	v	v		v		v		v	v	v	v
Frequency Stability	2				v			v				v		v	
	4				v			v				v		v	
	5				v			v				v		v	
	7				v			v				v		v	
	12				v			v				v		v	
	17				v			v				v		v	
	25				v			v				v		v	
	26				v			v				v		v	
E.R.P.& E.I.R.P.	2	v	v	v	v	v	v	v		v	v	v	v	v	v
	4	v	v	v	v	v	v	v		v	v	v	v	v	v
	5	v	v	v	v			v		v	v	v	v	v	v
	7			v	v	v	v	v		v	v	v	v	v	v
	12	v	v	v	v			v		v	v	v	v	v	v
	17			v	v			v		v	v	v	v	v	v
	25	v	v	v	v	v	v	v		v	v	v	v	v	v
	26	v	v	v	v	v		v		v	v	v	v	v	v
Radiated Spurious Emission	2	v	v	v	v	v	v	v		v			v	v	v
	4	v	v	v	v	v	v	v		v			v	v	v
	5	v	v	v	v			v		v			v	v	v
	7			v	v	v	v	v		v			v	v	v
	12	v	v	v	v			v		v			v	v	v
	17			v	v			v		v			v	v	v
	25	v	v	v	v	v	v	v		v			v	v	v
	26	v	v	v	v	v		v		v			v	v	v

ITEMS	Band	Bandwidth (MHz)						Modulation		RB #			Test Channel		
		1.4	3	5	10	15	20		16QAM	1	Half	Full	L	M	H
Max. Output Power	2	v	v	v					v	v	v	v	v	v	v
	4	v	v	v					v	v	v	v	v	v	v
	5	v	v	v					v	v	v	v	v	v	v
	7			v					v	v	v	v	v	v	v
	12	v	v	v					v	v	v	v	v	v	v
	17			v					v	v	v	v	v	v	v
	25	v	v	v					v	v	v	v	v	v	v
	26	v	v	v					v	v	v	v	v	v	v
Peak&Avera Ratio	2	v	v	v					v	v			v	v	v
	4	v	v	v					v	v			v	v	v
	5	v	v	v					v	v			v	v	v
	7			v					v	v			v	v	v
	12	v	v	v					v	v			v	v	v
	17			v					v	v			v	v	v
	25	v	v	v					v	v			v	v	v
	26	v	v	v					v	v			v	v	v
26dB&99% Bandwidth	2	v	v	v					v			v	v	v	v
	4	v	v	v					v			v	v	v	v
	5	v	v	v					v			v	v	v	v
	7			v					v			v	v	v	v
	12	v	v	v					v			v	v	v	v
	17			v					v			v	v	v	v
	25	v	v	v					v			v	v	v	v
	26	v	v	v					v			v	v	v	v
Conducted Band Edge	2	v	v	v					v			v	v		v
	4	v	v	v					v			v	v		v
	5	v	v	v					v			v	v		v
	7			v					v			v	v		v
	12	v	v	v					v			v	v		v
	17			v					v			v	v		v
	25	v	v	v					v			v	v		v
	26	v	v	v					v			v	v		v
Conducted Spurious Emission	2	v	v	v					v	v		v	v	v	v
	4	v	v	v					v	v		v	v	v	v
	5	v	v	v					v	v		v	v	v	v
	7			v					v	v		v	v	v	v
	12	v	v	v					v	v		v	v	v	v
	17			v					v	v		v	v	v	v
	25	v	v	v					v	v		v	v	v	v
	26	v	v	v					v	v		v	v	v	v
	2											v		v	

Frequency Stability	4											v		v	
	5											v		v	
	7											v		v	
	12											v		v	
	17											v		v	
	25											v		v	
	26											v		v	
E.R.P.& E.I.R.P.	2	v	v	v					v	v	v	v	v	v	v
	4	v	v	v					v	v	v	v	v	v	v
	5	v	v	v					v	v	v	v	v	v	v
	7			v					v	v	v	v	v	v	v
	12	v	v	v					v	v	v	v	v	v	v
	17			v					v	v	v	v	v	v	v
	25	v	v	v					v	v	v	v	v	v	v
	26	v	v	v					v	v	v	v	v	v	v
Radiated Spurious Emission	2	v	v	v						v			v	v	v
	4	v	v	v						v			v	v	v
	5	v	v	v						v			v	v	v
	7			v						v			v	v	v
	12	v	v	v						v			v	v	v
	17			v						v			v	v	v
	25	v	v	v						v			v	v	v
	26	v	v	v						v			v	v	v

4 MEASUREMENT INSTRUMENTS

RF Radiation Test Equipment					
Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
Temperature & Humidity	SW-108	SuWei	N/A	2025.02.24	2026.02.23
Wireless Communications Test Set	R&S	CMW 500	117239	2024.09.23	2025.09.22
Pre-Amplifier(0.1M-3GHz)	EM	EM330	060665	2025.02.22	2026.02.21
Pre-Amplifier (1G-18GHz)	SKET	LNPA-01018G-45	SK2018080901	2024.09.23	2025.09.22
Positioning Controller	MF	MF-7802	MF-780208587	N/A	N/A
Signal Analyzer	R&S	FSV 40-N	101823	2024.09.23	2025.09.22
Switch Control Box	N/A	N/A	N/A	N/A	N/A
Filter Box	BALUN Technology	SU319E	BL-SZ1530051	N/A	N/A
Video Controller	SKET	FCS C-3	N/A	N/A	N/A
Bilog Antenna	TESEQ	CBL6111D	34678	2024.09.30	2025.09.29
Horn Antenna	SCHWARZBECK	BBHA 9120D	02014	2024.09.25	2025.09.24
Antenna Mast	MF	MFA-440H	N/A	N/A	N/A
Turn Table	MF	N/A	N/A	N/A	N/A
AC Power Source	APC	KDF-11010G	F214050035	N/A	N/A
DC Power Supply	Zhaoxin	RXN 605D	20R605D11010081	N/A	N/A
Test SW	EMC Test Software	15.2.0.339			
	EZ-EMC	Ver.STSLAB-03A1 RE			
RF Connected Test Equipment					
Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
Temperature & Humidity	SW-108	SuWei	N/A	2025.02.24	2026.02.23
Wireless Communications Test Set	R&S	CMW 500	131428	2025.02.22	2026.02.21
Signal Analyzer	Agilent	N9020A	MY52440124	2025.02.22	2026.02.21
RF Automatic Test System	Maiwei	MW200-SFCB	N/A	N/A	N/A
Temperature & Humidity Test Chamber	Safety test	AG80L	171200018	2025.02.22	2026.02.21
Programmable Power Supply	Agilent	E3642A	MY40002025	2024.09.23	2025.09.22
Test SW	MTS 8200	2.0.0.0			

5 TEST ITEMS

5.1 CONDUCTED OUTPUT POWER&TRANSMITTER RADIATED POWER

TEST OVERVIEW

CONDUCTED OUTPUT POWER:
A system simulator was used to establish communication with the EUT. Its parameters were set to enforce EUT transmitting at the maximum power. The measured power in the radio frequency on the transmitter output terminals shall be reported.
TRANSMITTER RADIATED POWER (EIRP/ERP)
Determining ERP and/or EIRP from conducted RF output power measurements according to ANSI C63.26 2015 Section 5.2.5.5.
In many cases, RF output power limits are specified in terms of the ERP or the EIRP. Typically, ERP is specified when the operating frequency is less than or equal to 1 GHz and EIRP is specified when the operating frequency is greater than 1 GHz. Both are defined as the product of the power supplied to the antenna and its gain (relative to a dipole antenna in the case of ERP, and relative to an isotropic antenna in the case of EIRP); however, when working in decibels (i.e., logarithmic scale), the ERP and EIRP represent the sum of the transmit antenna gain (in dBd or dBi, respectively) and the conducted RF output power (expressed in dB relative to watts or milliwatts).
The relevant equation for determining the maximum ERP or EIRP from the measured RF output power is given in Equation (1) as follows:
(1) ERP or EIRP = PMeas + GT
ERP= EIRP-2.15
where
ERP or EIRP effective radiated power or equivalent isotropically radiated power, respectively (expressed in the same units as PMeas, e.g., dBm or dBW)
PMeas measured transmitter output power or PSD, in dBm or dBW
GT gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP)
For devices utilizing multiple antennas, see 6.4 for guidance with respect to determining the effective array transmit antenna gain term to be used in the above equation.
The following equations demonstrate the mathematical relationship between ERP and EIRP:
a) ERP = EIRP − 2.15, where ERP and EIRP are expressed in consistent units.
b) EIRP = ERP + 2.15, where ERP and EIRP are expressed in consistent units.

TEST PROCEDURES

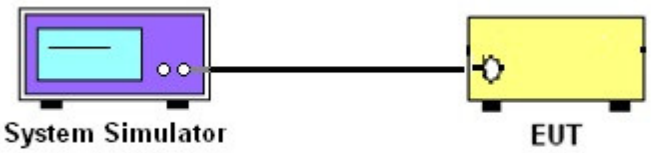
1. The transmitter output port was connected to the system simulator.

2. Set eut at maximum power through the system simulator.

3. Select lowest, middle, and highest channels for each band and different modulation.

4. Measure and record the power level from the system simulator.

TEST SETUP



TEST RESULT

Radiated Power (EIRP) for LTE Band 2 /1.4M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain（dBi）	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
1.4	Lowest	1	0	QPSK	21.60	-2.06	19.54	2.00	33.01	PASS
		1	2		21.46	-2.06	19.40	2.00	33.01	PASS
		1	5		21.55	-2.06	19.49	2.00	33.01	PASS
		3	0		21.54	-2.06	19.48	2.00	33.01	PASS
		3	1		21.46	-2.06	19.40	2.00	33.01	PASS
		3	2		21.60	-2.06	19.54	2.00	33.01	PASS
		6	0		20.73	-2.06	18.67	2.00	33.01	PASS
		1	0	16QAM	20.74	-2.06	18.68	2.00	33.01	PASS
		1	2		20.64	-2.06	18.58	2.00	33.01	PASS
		1	5		20.76	-2.06	18.70	2.00	33.01	PASS
		3	0		20.65	-2.06	18.59	2.00	33.01	PASS
		3	1		20.60	-2.06	18.54	2.00	33.01	PASS
		3	2		20.75	-2.06	18.69	2.00	33.01	PASS
		6	0		19.91	-2.06	17.85	2.00	33.01	PASS
	Middle	1	0	QPSK	21.28	-2.06	19.22	2.00	33.01	PASS
		1	2		21.34	-2.06	19.28	2.00	33.01	PASS
		1	5		21.55	-2.06	19.49	2.00	33.01	PASS
		3	0		21.20	-2.06	19.14	2.00	33.01	PASS
		3	1		21.15	-2.06	19.09	2.00	33.01	PASS
		3	2		21.66	-2.06	19.60	2.00	33.01	PASS
		6	0		20.71	-2.06	18.65	2.00	33.01	PASS
		1	0	16QAM	20.12	-2.06	18.06	2.00	33.01	PASS
		1	2		20.25	-2.06	18.19	2.00	33.01	PASS
		1	5		20.51	-2.06	18.45	2.00	33.01	PASS
		3	0		20.29	-2.06	18.23	2.00	33.01	PASS
		3	1		20.22	-2.06	18.16	2.00	33.01	PASS
		3	2		20.74	-2.06	18.68	2.00	33.01	PASS
		6	0		19.79	-2.06	17.73	2.00	33.01	PASS
	Highest	1	0	QPSK	21.19	-2.06	19.13	2.00	33.01	PASS
		1	2		21.36	-2.06	19.30	2.00	33.01	PASS
		1	5		21.21	-2.06	19.15	2.00	33.01	PASS
		3	0		21.23	-2.06	19.17	2.00	33.01	PASS
		3	1		21.12	-2.06	19.06	2.00	33.01	PASS
		3	2		21.28	-2.06	19.22	2.00	33.01	PASS
		6	0		20.40	-2.06	18.34	2.00	33.01	PASS
		1	0	16QAM	20.33	-2.06	18.27	2.00	33.01	PASS
		1	2		20.47	-2.06	18.41	2.00	33.01	PASS
		1	5		20.63	-2.06	18.57	2.00	33.01	PASS
		3	0		20.40	-2.06	18.34	2.00	33.01	PASS
		3	1		20.27	-2.06	18.21	2.00	33.01	PASS
		3	2		20.74	-2.06	18.68	2.00	33.01	PASS
		6	0		19.64	-2.06	17.58	2.00	33.01	PASS

Radiated Power (EIRP) for LTE Band 2 /3M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain（dBi）	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
3	Lowest	1	0	QPSK	21.35	-2.06	19.29	2.00	33.01	PASS
		1	7		21.15	-2.06	19.09	2.00	33.01	PASS
		1	14		21.19	-2.06	19.13	2.00	33.01	PASS
		8	0		20.61	-2.06	18.55	2.00	33.01	PASS
		8	4		20.54	-2.06	18.48	2.00	33.01	PASS
		8	7		20.64	-2.06	18.58	2.00	33.01	PASS
		15	0		20.57	-2.06	18.51	2.00	33.01	PASS
		1	0	16QAM	20.67	-2.06	18.61	2.00	33.01	PASS
		1	7		20.52	-2.06	18.46	2.00	33.01	PASS
		1	14		20.60	-2.06	18.54	2.00	33.01	PASS
		8	0		19.80	-2.06	17.74	2.00	33.01	PASS
		8	4		19.62	-2.06	17.56	2.00	33.01	PASS
		8	7		19.74	-2.06	17.68	2.00	33.01	PASS
		15	0		19.55	-2.06	17.49	2.00	33.01	PASS
	Middle	1	0	QPSK	21.35	-2.06	19.29	2.00	33.01	PASS
		1	7		21.37	-2.06	19.31	2.00	33.01	PASS
		1	14		21.28	-2.06	19.22	2.00	33.01	PASS
		8	0		20.74	-2.06	18.68	2.00	33.01	PASS
		8	4		20.60	-2.06	18.54	2.00	33.01	PASS
		8	7		20.78	-2.06	18.72	2.00	33.01	PASS
		15	0		20.75	-2.06	18.69	2.00	33.01	PASS
		1	0	16QAM	20.47	-2.06	18.41	2.00	33.01	PASS
		1	7		20.51	-2.06	18.45	2.00	33.01	PASS
		1	14		20.38	-2.06	18.32	2.00	33.01	PASS
		8	0		19.82	-2.06	17.76	2.00	33.01	PASS
		8	4		19.69	-2.06	17.63	2.00	33.01	PASS
		8	7		19.87	-2.06	17.81	2.00	33.01	PASS
		15	0		19.68	-2.06	17.62	2.00	33.01	PASS
	Highest	1	0	QPSK	21.32	-2.06	19.26	2.00	33.01	PASS
		1	7		21.09	-2.06	19.03	2.00	33.01	PASS
		1	14		21.09	-2.06	19.03	2.00	33.01	PASS
		8	0		21.03	-2.06	18.97	2.00	33.01	PASS
		8	4		20.72	-2.06	18.66	2.00	33.01	PASS
		8	7		20.60	-2.06	18.54	2.00	33.01	PASS
		15	0		20.74	-2.06	18.68	2.00	33.01	PASS
		1	0	16QAM	20.71	-2.06	18.65	2.00	33.01	PASS
		1	7		20.76	-2.06	18.70	2.00	33.01	PASS
		1	14		20.79	-2.06	18.73	2.00	33.01	PASS
		8	0		20.11	-2.06	18.05	2.00	33.01	PASS
		8	4		19.80	-2.06	17.74	2.00	33.01	PASS
		8	7		19.68	-2.06	17.62	2.00	33.01	PASS
		15	0		19.92	-2.06	17.86	2.00	33.01	PASS

Radiated Power (EIRP) for LTE Band 2 /5M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain（dBi）	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
5	Lowest	1	0	QPSK	21.59	-2.06	19.53	2.00	33.01	PASS
		1	12		21.56	-2.06	19.50	2.00	33.01	PASS
		1	24		21.37	-2.06	19.31	2.00	33.01	PASS
		12	0		20.80	-2.06	18.74	2.00	33.01	PASS
		12	6		20.77	-2.06	18.71	2.00	33.01	PASS
		12	11		20.98	-2.06	18.92	2.00	33.01	PASS
		25	0		20.79	-2.06	18.73	2.00	33.01	PASS
		1	0	16QAM	21.23	-2.06	19.17	2.00	33.01	PASS
		1	12		20.99	-2.06	18.93	2.00	33.01	PASS
		1	24		21.07	-2.06	19.01	2.00	33.01	PASS
		12	0		19.86	-2.06	17.80	2.00	33.01	PASS
		12	6		19.83	-2.06	17.77	2.00	33.01	PASS
		12	11		20.05	-2.06	17.99	2.00	33.01	PASS
		25	0		19.85	-2.06	17.79	2.00	33.01	PASS
	Middle	1	0	QPSK	21.68	-2.06	19.62	2.00	33.01	PASS
		1	12		21.85	-2.06	19.79	2.00	33.01	PASS
		1	24		21.71	-2.06	19.65	2.00	33.01	PASS
		12	0		20.69	-2.06	18.63	2.00	33.01	PASS
		12	6		20.69	-2.06	18.63	2.00	33.01	PASS
		12	11		20.75	-2.06	18.69	2.00	33.01	PASS
		25	0		20.83	-2.06	18.77	2.00	33.01	PASS
		1	0	16QAM	20.85	-2.06	18.79	2.00	33.01	PASS
		1	12		21.07	-2.06	19.01	2.00	33.01	PASS
		1	24		21.03	-2.06	18.97	2.00	33.01	PASS
		12	0		19.94	-2.06	17.88	2.00	33.01	PASS
		12	6		19.93	-2.06	17.87	2.00	33.01	PASS
		12	11		20.00	-2.06	17.94	2.00	33.01	PASS
		25	0		19.96	-2.06	17.90	2.00	33.01	PASS
	Highest	1	0	QPSK	21.73	-2.06	19.67	2.00	33.01	PASS
		1	12		21.45	-2.06	19.39	2.00	33.01	PASS
		1	24		21.03	-2.06	18.97	2.00	33.01	PASS
		12	0		20.68	-2.06	18.62	2.00	33.01	PASS
		12	6		20.45	-2.06	18.39	2.00	33.01	PASS
		12	11		20.95	-2.06	18.89	2.00	33.01	PASS
		25	0		20.81	-2.06	18.75	2.00	33.01	PASS
		1	0	16QAM	21.16	-2.06	19.10	2.00	33.01	PASS
		1	12		20.65	-2.06	18.59	2.00	33.01	PASS
		1	24		20.65	-2.06	18.59	2.00	33.01	PASS
		12	0		19.87	-2.06	17.81	2.00	33.01	PASS
		12	6		19.63	-2.06	17.57	2.00	33.01	PASS
		12	11		20.90	-2.06	18.84	2.00	33.01	PASS
		25	0		20.49	-2.06	18.43	2.00	33.01	PASS

Radiated Power (EIRP) for LTE Band 2 /10M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain（dBi）	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
10	Lowest	1	0	QPSK	21.79	-2.06	19.73	2.00	33.01	PASS
		1	24		21.54	-2.06	19.48	2.00	33.01	PASS
		1	49		21.44	-2.06	19.38	2.00	33.01	PASS
		25	0		20.95	-2.06	18.89	2.00	33.01	PASS
		25	12		20.76	-2.06	18.70	2.00	33.01	PASS
		25	24		21.28	-2.06	19.22	2.00	33.01	PASS
		50	0		21.21	-2.06	19.15	2.00	33.01	PASS
	Middle	1	0	QPSK	22.18	-2.06	20.12	2.00	33.01	PASS
		1	24		21.95	-2.06	19.89	2.00	33.01	PASS
		1	49		21.83	-2.06	19.77	2.00	33.01	PASS
		25	0		21.34	-2.06	19.28	2.00	33.01	PASS
		25	12		21.37	-2.06	19.31	2.00	33.01	PASS
		25	24		21.45	-2.06	19.39	2.00	33.01	PASS
		50	0		21.42	-2.06	19.36	2.00	33.01	PASS
	Highest	1	0	QPSK	22.54	-2.06	20.48	2.00	33.01	PASS
		1	24		22.32	-2.06	20.26	2.00	33.01	PASS
		1	49		22.12	-2.06	20.06	2.00	33.01	PASS
		25	0		21.87	-2.06	19.81	2.00	33.01	PASS
		25	12		22.1	-2.06	20.04	2.00	33.01	PASS
		25	24		21.81	-2.06	19.75	2.00	33.01	PASS
		50	0		21.61	-2.06	19.55	2.00	33.01	PASS

Radiated Power (EIRP) for LTE Band 2 /15M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain（dBi）	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
15	Lowest	1	0	QPSK	22.27	-2.06	20.21	2.00	33.01	PASS
		1	37		22.21	-2.06	20.15	2.00	33.01	PASS
		1	74		21.93	-2.06	19.87	2.00	33.01	PASS
		36	0		20.94	-2.06	18.88	2.00	33.01	PASS
		36	18		20.75	-2.06	18.69	2.00	33.01	PASS
		36	39		21.53	-2.06	19.47	2.00	33.01	PASS
		75	0		21.33	-2.06	19.27	2.00	33.01	PASS
	Middle	1	0	QPSK	22.13	-2.06	20.07	2.00	33.01	PASS
		1	37		22.13	-2.06	20.07	2.00	33.01	PASS
		1	74		22.01	-2.06	19.95	2.00	33.01	PASS
		36	0		21.18	-2.06	19.12	2.00	33.01	PASS
		36	18		21.08	-2.06	19.02	2.00	33.01	PASS
		36	39		20.98	-2.06	18.92	2.00	33.01	PASS
		75	0		21.04	-2.06	18.98	2.00	33.01	PASS
	Highest	1	0	QPSK	21.83	-2.06	19.77	2.00	33.01	PASS
		1	37		22.19	-2.06	20.13	2.00	33.01	PASS
		1	74		21.78	-2.06	19.72	2.00	33.01	PASS
		36	0		21.55	-2.06	19.49	2.00	33.01	PASS
		36	18		21.56	-2.06	19.50	2.00	33.01	PASS
		36	39		21.61	-2.06	19.55	2.00	33.01	PASS
		75	0		21.38	-2.06	19.32	2.00	33.01	PASS

Radiated Power (EIRP) for LTE Band 2 /20M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain （dBi）	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
20	Lowest	1	0	QPSK	21.99	-2.06	19.93	2.00	33.01	PASS
		1	49		21.97	-2.06	19.91	2.00	33.01	PASS
		1	99		21.69	-2.06	19.63	2.00	33.01	PASS
		50	0		20.97	-2.06	18.91	2.00	33.01	PASS
		50	24		20.8	-2.06	18.74	2.00	33.01	PASS
		50	49		21.31	-2.06	19.25	2.00	33.01	PASS
		100	0		20.85	-2.06	18.79	2.00	33.01	PASS
	Middle	1	0	QPSK	22.37	-2.06	20.31	2.00	33.01	PASS
		1	49		21.68	-2.06	19.62	2.00	33.01	PASS
		1	99		21.81	-2.06	19.75	2.00	33.01	PASS
		50	0		22.6	-2.06	20.54	2.00	33.01	PASS
		50	24		21.35	-2.06	19.29	2.00	33.01	PASS
		50	49		21.61	-2.06	19.55	2.00	33.01	PASS
		100	0		21.45	-2.06	19.39	2.00	33.01	PASS
	Highest	1	0	QPSK	21.61	-2.06	19.55	2.00	33.01	PASS
		1	49		21.98	-2.06	19.92	2.00	33.01	PASS
		1	99		21.4	-2.06	19.34	2.00	33.01	PASS
		50	0		21.4	-2.06	19.34	2.00	33.01	PASS
		50	24		21.47	-2.06	19.41	2.00	33.01	PASS
		50	49		21.48	-2.06	19.42	2.00	33.01	PASS
		100	0		21.56	-2.06	19.50	2.00	33.01	PASS