RF TEST REPORT

Report No.: DDT-B21111105-1E01

Applicant	**:**	GREAT TALENT TECHNOLOGY LIMITED
Applicant Address	**:**	RM602,T3 Software Park, Hi-Tech Park South, Nanshan, Shenzhen, China
Equipment Under Test	**:**	Smartphone
Model No.	**:**	L51
Trade Mark	**:**	ANS
FCC ID	**:**	2ALZM-L51
Manufacturer	**:**	GREAT TALENT TECHNOLOGY LIMITED
Manufacturer Address	**:**	RM602,T3 Software Park, Hi-Tech Park South, Nanshan, Shenzhen, China

Issued By: Tianjin Dongdian Testing Service Co., Ltd.

Address: Building D-1, No. 19, Weisi Road, Microelectronics Industrial Park, Development Area, Tianjin, China.

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REPORT

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Test Report Declare

Applicant	:	GREAT TALENT TECHNOLOGY LIMITED
Address	:	RM602,T3 Software Park, Hi-Tech Park South, Nanshan, Shenzhen, China
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Model No.	:	L51
Trade Mark	:	ANS
Manufacturer	:	GREAT TALENT TECHNOLOGY LIMITED
Address	:	RM602,T3 Software Park, Hi-Tech Park South, Nanshan, Shenzhen, China

Test Standard Used:
FCC Rules and Regulations: 47 CFR Part2, Part22, Part24, Part27, Part90
Test Procedure Used:
ANSI C63.26:2015, KDB 971168 D01 v03r01

We Declare:
The equipment described above is tested by Tianjin Dongdian Testing Service Co., Ltd and in the configuration tested the equipment complied with the standards specified above. The test results are contained in this test report and Tianjin Dongdian Testing Service Co., Ltd is assumed of full responsibility for the accuracy and completeness of these tests.

After test and evaluation, our opinion is that the equipment provided for test compliance with the requirement of the above FCC standards.

Report No:	DDT-B21111105-1E01		
Date of Receipt:	Nov. 16, 2021	**Date of Test:**	Nov. 16, 2021 ~ Nov. 22, 2021

Prepared By: ***Approved By:***

Leon Li Aaron Zhang

Leon Li/Engineer ***Aaron Zhang/EMC Manager***

Note: This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Tianjin Dongdian Testing Service Co., Ltd.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

Revision History

Rev.	Revisions	Issue Date	Revised By
---	Initial issue	Nov. 22, 2021	

1. Summary of Test Results

1.1. CDMA BC0 & LTE Band26 partial(824-849MHz)

Summary of Test Results			
Test Item	**Standard**	**Requirements**	**Result**
Field Strength of Spurious Radiation	FCC §2.1053, §22.917	Limit: 1)≤ P(dBm)- [43 + 10 log(P (w))] dBm/100kHz(Below 1GHz) 2)≤ P(dBm)- [43 + 10 log(P (w))] dBm/1MHz(Above 1GHz)	Pass
Note: For the Result, the “N/A” denotes “not applicable”, the “N/T’ denotes “not tested”.			

1.2. CDMA BC1 & LTE Band25

Summary of Test Results			
Test Item	**Standard**	**Requirements**	**Result**
Field Strength of Spurious Radiation	FCC §2.1053, §24.238	Limit: ≤ P(dBm)- [43 + 10 log(P (w))] dBm/1Mhz	Pass
Note: For the Result, the “N/A” denotes “not applicable”, the “N/T’ denotes “not tested”.			

1.3. CDMA BC10 & LTE Band26 partial(814-824MHz)

Summary of Test Results			
Test Item	**Standard.**	**Requirements**	**Result**
Field Strength of Spurious Radiation	FCC §2.1053, §90.691	Limit: 1)≤ P(dBm)- [50 + 10 log(P (w))] dBm for any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz. 2)≤ P(dBm)- [43 + 10 log(P (w))] dBm for any frequency removed from the EA licensee's frequency block greater than 37.5 kHz.	Pass
Note: For the Result, the “N/A” denotes “not applicable”, the “N/T’ denotes “not tested”.			

1.4. LTE Band13

Summary of Test Results			
Test Item	**Standard**	**Requirements**	**Result**
Field Strength of Spurious Radiation	FCC §2.1053, §27.53	Limit: 1)≤ P(dBm)- [43 + 10 log(P (w))] dBm/100kHz on any frequency outside the 776-788 MHz band. 2)≤ P(dBm)- [65 + 10 log(P (w))] dBm/6.25kHz on all frequencies between 763-775 MHz and 793-805 MHz 3)EIRP: ≤-70dBW/MHz (wideband)	Pass

		on1559-1610MHz. 4)EIRP:≤-80dBW(narrowband <700Hz) on1559-1610MHz.	
Note: For the Result, the “N/A” denotes “not applicable”, the “N/T’ denotes “not tested”.			

1.5. LTE Band41

Summary of Test Results			
Test Item	**Standard**	**Requirements**	**Result**
Field Strength of Spurious Radiation	FCC §2.1053, §27.53	Limit: 1)≤ P(dBm)- [40 + 10 log(P (w))] dBm/1MHz between the channel edge and 5 megahertz from the channel edge, 2)≤ P(dBm)- [43 + 10 log(P (w))] dBm/1MHz between 5 megahertz and X megahertz from the channel edge and between 2490.5 MHz and 2496 MHz, X=Max {6Mhz, EBW} 3)≤ P(dBm)- [55 + 10 log(P (w))] dBm/1MHz on all frequencies more than X megahertz from the channel edge and or below 2490.5 MHz.	Pass
Note: For the Result, the “N/A” denotes “not applicable”, the “N/T’ denotes “not tested”.			

2. General Test Information

2.1. Description of EUT

EUT Description	:	Smartphone
Model Number	:	L51
Trade Mark	:	ANS
IMEI	:	990013174806476
Serial Number	:	N/A
Hardware Version	:	N/A
Software Version	:	N/A

Frequency band :	UMTS	Tx (MHz)	Rx (MHz)	Supported Channel Bandwidth
	CDMA BC0 1xRRT/EVDO	824-849	869-894	1.23MHz
	CDMA BC1 1xRRT/EVDO	1850-1910	1930-1990	1.23MHz
	CDMA BC10 1xRRT/EVDO	817-824	862-869	1.23MHz

E-UTRA	Duplex Mode	Tx (MHz)	Rx (MHz)	Supported Channel Bandwidth					
				1.4	3	5	10	15	20
Band 13	FDD	777-787	746-756	---	---	☒	☒	---	---
Band 25	FDD	1850-1915	1930-1995	☒	☒	☒	☒	☒	☒
Band 26	FDD	814-849	859-894	☒	☒	☒	☒	☒	---

		Band 41	TDD	2496-2690	2496-2690	---	---	☒	☒	☒	☒
E-UTRA Release	:	Release 10									
E-UTRA UE Category	:	Category 4									
Target Power & Power Class	:	CDMA 1xRTT BC0：24.5dBm CDMA 1xRTT BC1：23dBm CDMA 1xRTT BC10：24.5dBm EVDO BC0：24.5dBm EVDO BC1：23dBm EVDO BC10:24.5dBm LTE BAND 13(PC3): 25dBm LTE BAND 25(PC3): 24.5dBm LTE BAND 26(PC3): 25dBm LTE BAND 41(HPUE): 26.2dBm									
Type of modulation	:	CDMA	1xRRT: OQPSK EVDO: OQPSK								
		E-UTRA	UL: QPSK&16QAM DL: QPSK&16QAM								
Antenna Type	:	Fixed Internal Antenna									
Antenna Gain	:	CDMA 1xRRT/EVDO BC0: 1.81dBi CDMA 1xRRT/EVDO BC1: 2.83dBi CDMA 1xRRT/EVDO BC10: 1.77dBi E-UTRA LTE Band 13: -0.13dBi E-UTRA LTE Band 25: 2.91dBi E-UTRA LTE Band 26: 1.78dBi E-UTRA LTE Band 41: 2.93dBi									
Power Supply	:	Internal battery									

Note：EUT is the abbreviation of equipment under test.

2.2. RF Channel Information

CDMA Band	Transmitter / Receiver	Channel Bandwidth	Lowest range(L)	Middle range(M)	Highest range(H)
BC0 1xRRT/EVDO	Transmitter	1.23MHz	Channel 1013 (824.7.4MHz)	Channel 384 (836.52MHz)	Channel 777 (848.31MHz)
	Receiver		Channel 1013 (869.7MHz)	Channel 384 (881.52MHz)	Channel 777 (893.31MHz)
BC1 1xRRT/EVDO	Transmitter	1.23MHz	Channel 25 (1851.25MHz)	Channel 600 (1880.0MHz)	Channel 1175 (1908.75MHz)
	Receiver		Channel 25 (1931.25MHz)	Channel 600 (1960.0MHz)	Channel 1175 (1988.75MHz)
BC10 1xRRT/EVDO	Transmitter	1.23MHz	Channel 476 (817.9MHz)	Channel 580 (820.5MHz)	Channel 684 (823.1MHz)
	Receiver		Channel 476 (862.9MHz)	Channel 580 (865.5MHz)	Channel 684 (868.1MHz)

E-UTRA Band	Transmitter/ Receiver	Channel Bandwidth	Frequencies Under Test		
			Lowest range(L)	Middle range(M)	Highest range(H)
Band 13	Transmitter	5MHz	Channel 23205 (779.5MHz)	Channel 23230 (782MHz)	Channel 23255 (784.5MHz)
		10MHz	Channel 23230 (782MHz)	Channel 23230 (782MHz)	Channel 23230 (782MHz)
	Receiver	5MHz	Channel 5205 (748.5MHz)	Channel 5230 (751MHz)	Channel 5255 (753.5MHz)
		10MHz	Channel 5230 (751MHz)	Channel 5230 (751MHz)	Channel 5230 (751MHz)
Band 25	Transmitter	1.4MHz	Channel 26047 (1850.7MHz)	Channel 26365 (1882.5MHz)	Channel 26683 (1914.3MHz)
		3MHz	Channel 26055 (1851.5MHz)	Channel 26365 (1882.5MHz)	Channel 26675 (1913.5MHz)
		5MHz	Channel 26065 (1852.5MHz)	Channel 26365 (1882.5MHz)	Channel 26665 (1912.5MHz)
		10MHz	Channel 26090 (1855MHz)	Channel 26365 (1882.5MHz)	Channel 26640 (1910MHz)
		15MHz	Channel 26115 (1857.5MHz)	Channel 26365 (1882.5MHz)	Channel 26615 (1907.5MHz)
		20MHz	Channel 26140 (1860MHz)	Channel 26365 (1882.5MHz)	Channel 26590 (1905MHz)
	Receiver	1.4MHz	Channel 8047 (1930.7MHz)	Channel 8365 (1962.5MHz)	Channel 8683 (1994.3MHz)
		3MHz	Channel 8055 (1931.5MHz)	Channel 8365 (1962.5MHz)	Channel 8675 (1993.5MHz)
		5MHz	Channel 8065 (1932.5MHz)	Channel 8365 (1962.5MHz)	Channel 8665 (1992.5MHz)
		10MHz	Channel 8090 (1935MHz)	Channel 8365 (1962.5MHz)	Channel 8640 (1990MHz)
		15MHz	Channel 8115	Channel 8365	Channel 8615

			(1937.5MHz)	(1962.5MHz)	(1987.5MHz)
		20MHz	Channel 8140 (1940MHz)	Channel 8365 (1962.5MHz)	Channel 8590 (1985MHz)
Band 26 (814-824)	Transmitter	1.4MHz	Channel 26697 (814.7 MHz)	Channel 26740 (819 MHz)	Channel 26783 (823.3 MHz)
		3MHz	Channel 26705 (815.5 MHz)	Channel 26740 (819 MHz)	Channel 26775 (822.5 MHz)
		5MHz	Channel 26715 (816.5 MHz)	Channel 26740 (819 MHz)	Channel 26765 (821.5 MHz)
		10MHz	Channel 26740 (819 MHz)	Channel 26740 (819 MHz)	Channel 26740 (819 MHz)
	Receiver	1.4MHz	Channel 8697 (859.7 MHz)	Channel 8740 (864MHz)	Channel 8783 (868.3 MHz)
		3MHz	Channel 8705 (860.5 MHz)	Channel 8740 (864MHz)	Channel 8775 (867.5 MHz)
		5MHz	Channel 8715 (861.5 MHz)	Channel 8740 (864MHz)	Channel 8755 (866.5 MHz)
		10MHz	Channel 8740 (864MHz)	Channel 8740 (864MHz)	Channel 8740 (864MHz)
Band 26 (824-849)	Transmitter	1.4MHz	Channel 26797 (824.7MHz)	Channel 26915 (836.5MHz)	Channel 27033 (848.3MHz)
		3MHz	Channel 26805 (825.5MHz)	Channel 26915 (836.5MHz)	Channel 27025 (847.5MHz)
		5MHz	Channel 26815 (826.5MHz)	Channel 26915 (836.5MHz)	Channel 27015 (846.5MHz)
		10MHz	Channel 26840 (829MHz)	Channel 26915 (836.5MHz)	Channel 26990 (844MHz)
		15MHz	Channel 26865 (831.5MHz)	Channel 26915 (836.5MHz)	Channel 26965 (841.5MHz)
	Receiver	1.4MHz	Channel 8697 (859.7MHz)	Channel 8915 (881.5MHz)	Channel 9033 (893.3MHz)
		3MHz	Channel 8805 (860.5MHz)	Channel 8915 (881.5MHz)	Channel 9025 (892.5MHz)
		5MHz	Channel 8815 (871.5MHz)	Channel 8915 (881.5MHz)	Channel 9015 (891.5MHz)
		10MHz	Channel 8840 (874MHz)	Channel 8915 (881.5MHz)	Channel 8990 (889MHz)
		15MHz	Channel 8865 (876.5MHz)	Channel 8915 (881.5MHz)	Channel 8965 (886.5MHz)
Band 41	Transmitter& Receiver	5MHz	Channel 39675 (2498.5MHz)	Channel 40620 (2593MHz)	Channel 41565 (2687.5MHz)
		10MHz	Channel 39700 (2501MHz)	Channel 40620 (2593MHz)	Channel 41540 (2685MHz)
		15MHz	Channel 39725 (2503.5MHz)	Channel 40620 (2593MHz)	Channel 41515 (2682.5MHz)
		20MHz	Channel 39750 (2506MHz)	Channel 40620 (2593MHz)	Channel 41490 (2680MHz)

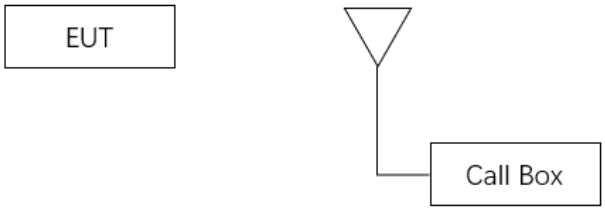
2.3. Accessories of EUT

Description of Accessories	Manufacturer	Model number	Description	Remark
N/A	N/A	N/A	N/A	N/A

2.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	EMC Compliance	SN
N/A	N/A	N/A	N/A	N/A

2.5. Block diagram of EUT configuration for test



2.6. Test environment conditions

During the measurement the environmental conditions were within the listed ranges:

Condition	Normal Condition	Extreme Condition
Pressure range	86-106KPa	N/A
Relative Humidity	30-75%	N/A
Temperature(℃)	NT: 25℃	N/A
Voltage(V)	NV: 3.85V	N/A
Note: N/A: Not Apply NV: Normal Voltage LV: Low Extreme Test Voltage HV: High Extreme Test Voltage		NT: Normal Temperature LT: Low Extreme Test Temperature HT: High Extreme Test Temperature

2.7. Worst-case Configuration and Test Mode

2.7.1. Worst-case Radiated test

-The EUT was tested in three orthogonal planes(X, Y, Z) and in all possible test configurations and positioning.

-All modes of operation were investigated and the worst-case configuration results are reports. In the case of radiated spurious emissions, only B.W result that confirmed the maximum radiated power was reported

-The worst case is reported with the EUT positioning, modulations, and paging service configurations shown in the test data.

-All modes of operation were tested and the worst case results are reported.

-Below table show the worst case details:

Test Item	Test Mode	Band	Channel	Modulation	Bandwidth	RB
Field Strength of Spurious Radiation	Mode1	CDMA 1xRRT BC0	L	OQPSK	1.23MHz	--
			M	OQPSK	1.23MHz	--
			H	OQPSK	1.23MHz	--
	Mode2	CDMA 1xRRT BC1	L	OQPSK	1.23MHz	--
			M	OQPSK	1.23MHz	--
			H	OQPSK	1.23MHz	--
	Mode3	CDMA 1xRRT BC10	L	OQPSK	1.23MHz	--
			M	OQPSK	1.23MHz	--
			H	OQPSK	1.23MHz	--
	Mode4	CDMA EVDO BC0	L	OQPSK	1.23MHz	--
			M	OQPSK	1.23MHz	--
			H	OQPSK	1.23MHz	--
	Mode5	CDMA EVDO BC1	L	OQPSK	1.23MHz	--
			M	OQPSK	1.23MHz	--
			H	OQPSK	1.23MHz	--
	Mode6	CDMA EVDO BC10	L	OQPSK	1.23MHz	--
			M	OQPSK	1.23MHz	--
			H	OQPSK	1.23MHz	--
	Mode7	LTE13	M	QPSK	10MHz	1@0
	Mode8	LTE25	L	QPSK	20MHz	1@0
			M	QPSK	20MHz	1@0
			H	QPSK	20MHz	1@0
	Mode9	LTE26 (814-824MHz)	M	QPSK	10MHz	1@0
	Mode10	LTE26 (824-849MHz)	L	QPSK	15MHz	1@0
			M	QPSK	15MHz	1@0
			H	QPSK	15MHz	1@0
	Mode11	LTE41	L	QPSK	20MHz	1@0
			M	QPSK	20MHz	1@0
			H	QPSK	20MHz	1@0

2.8. Test laboratory

Tianjin Dongdian Testing Service Co., Ltd.

Address: Building D-1, No. 19, Weisi Road, Microelectronics Industrial Park Development Area, Tianjin, China., 300385

Tel: +86-22-58038033, http://www.ddttest.com, Email: ddt@dgddt.com

NVLAP (National Voluntary Laboratory Accreditation Program) CODE: 500036-0

CNAS (China National Accreditation Service for Conformity Assessment) CODE: L13402

FCC Designation Number: CN5004; FCC Test Firm Registration Number: 368676

ISED (Innovation, Science and Economic Development Canada) Company Number: 27768 Conformity Assessment Body Identifier: CN0125

VCCI Facility Registration Number: C-20089, T-20093, R-20125, G-20122

3. Description of Tests

3.1. Field Strength of Spurious Radiation

Test Procedure: FCC KDB 971168 D01 V03r01

a) Place the EUT in the center of the turntable. The EUT shall be configured to transmit into the standard non-radiating load (for measuring radiated spurious emissions), connected with cables of minimal length unless specified otherwise. If the EUT uses an adjustable antenna, the antenna shall be positioned to the length that produces the worst case emission at the fundamental operating frequency.

b) Each emission under consideration shall be evaluated:

1) Raise and lower the measurement antenna, as necessary to enable detection of the maximum emission amplitude relative to measurement antenna height.

2) Rotate the EUT through 360° to determine the maximum emission level relative to the axial position.

3) Return the turntable to the azimuth where the highest emission amplitude level was observed.

4) Vary the measurement antenna height again through 1 m to 4 m again to find the height associated with the maximum emission amplitude.

c) Repeat step b) for each emission frequency with the measurement antenna oriented in both the horizontal and vertical polarizations to determine the orientation that gives the maximum emissions amplitude.

d) Set-up the substitution measurement with the reference point of the substitution antenna located as near as possible to where the center of the EUT radiating element was located during the initial EUT measurement.

e) Maintain the previous measurement instrument settings and test set-up, with the exception that the EUT is removed and replaced by the substitution antenna.

f) Connect a signal generator to the substitution antenna; locate the signal generator so as to minimize any potential influences on the measurement results. Set the signal generator to the frequency where emissions are detected, and set an output power level such that the radiated signal can be detected by the measurement instrument, with sufficient dynamic range relative to the noise floor.

g) For each emission that was detected and measured in the initial test [i.e., in step b) and step c)]:

1) Vary the measurement antenna height between 1 m to 4 m to maximize the received (measured) signal amplitude.

2) Adjust the signal generator output power level until the amplitude detected by the measurement instrument equals the amplitude level of the emission previously measured directly in step b) and step c).

3) Record the output power level of the signal generator when equivalence is achieved in step 2).

Repeat step e) through step g) with the measurement antenna oriented in the opposite polarization.

h) Repeat step e) through step g) with the measurement antenna oriented in the opposite polarization.

i) Calculate power in dBm by the following formula:

Pe = Ps(dBm) − cable loss (dB) + antenna gain (dBd)

where

Pe = equivalent emission power in dBm

Ps = source (signal generator) power in dBm

Where, dBd refers to the measured antenna gain in decibels relative to a half-wave dipole.

j). Test the EUT in the lowest channel, the middle channel the Highest channel

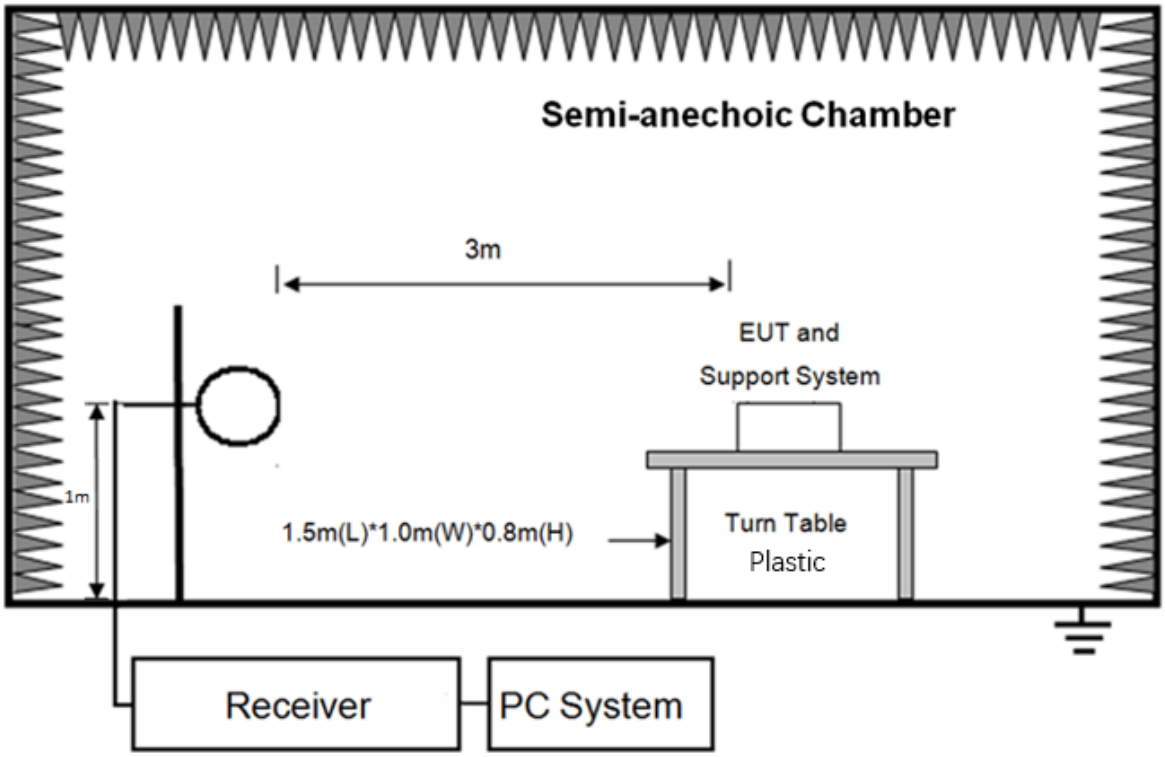
k). The radiation measurements are performed in X, Y, Z axis positioning. Only the test worst case mode is recorded in the report.

Remark: Reference test setup 1

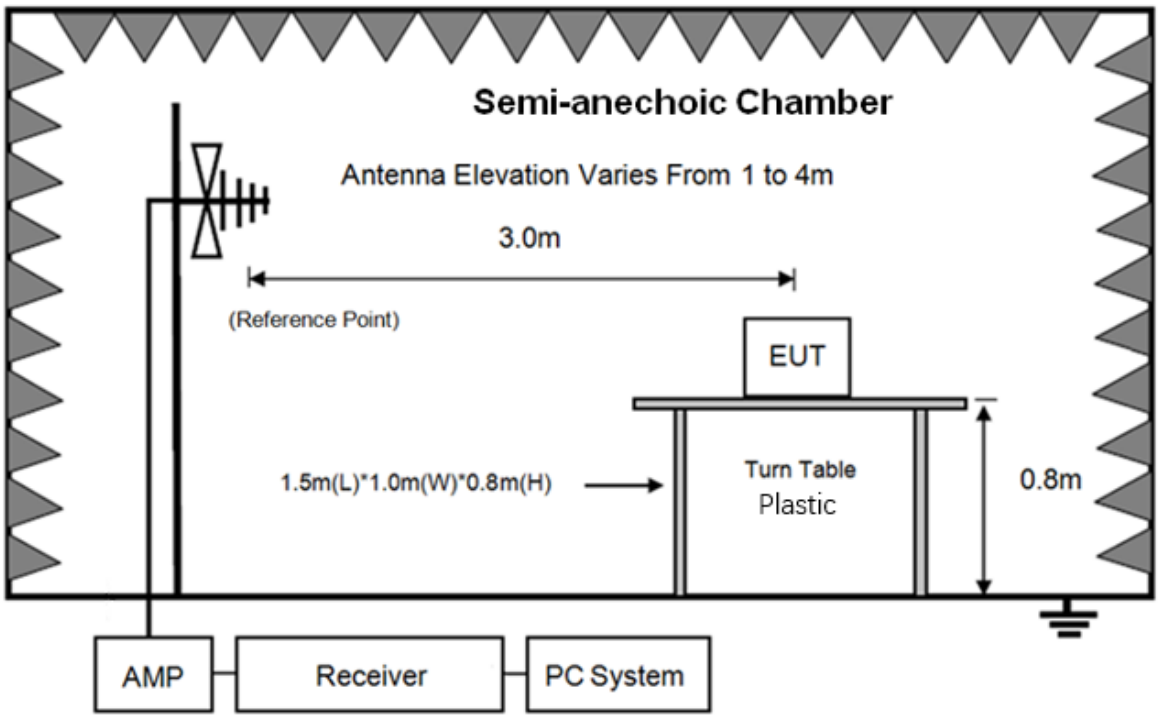
3.2. Test Setups

3.2.1. Test Setup 1

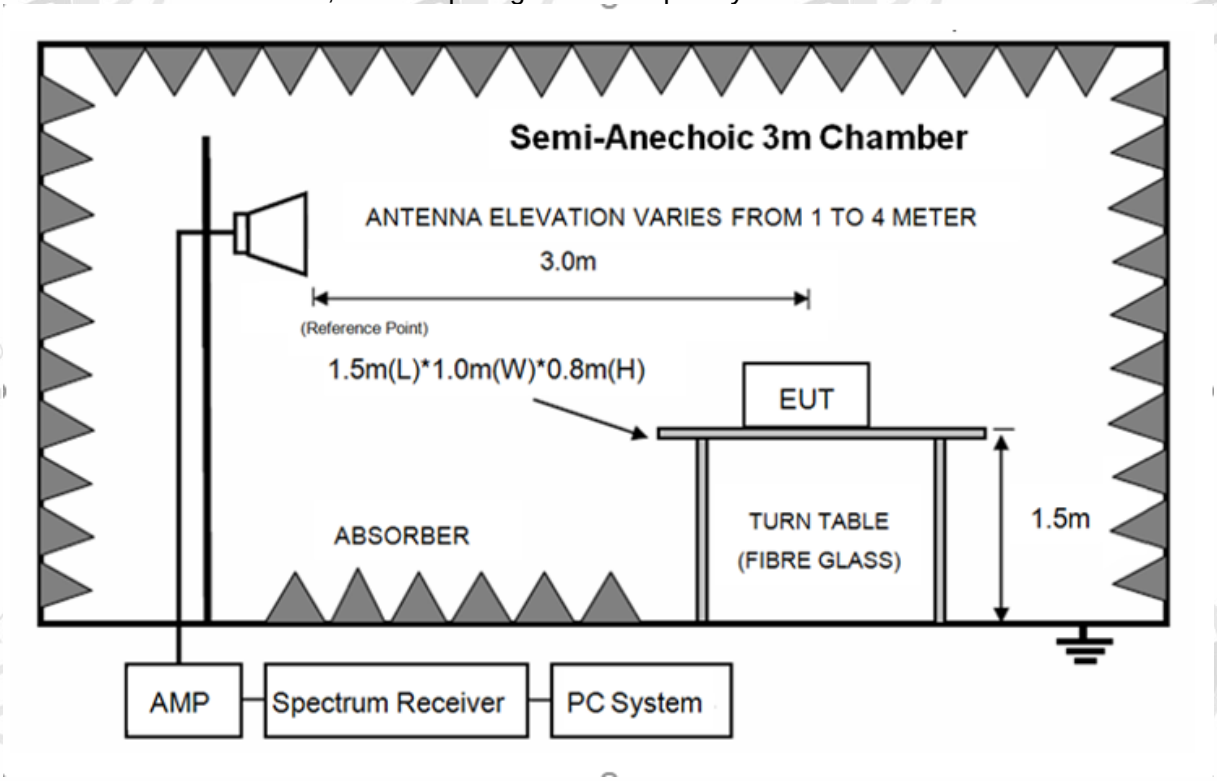
In 3 m Anechoic Chamber, test setup diagram for 9 kHz - 30 MHz:



In 3 m Anechoic Chamber, test setup diagram for 30 MHz – 1 GHz:



In 3 m Anechoic Chamber, test setup diagram for frequency above 1 GHz:



4. Measurement uncertainty

No.	Test Item	Uncertainty
1	Radiated spurious emissions / Radiated emissions	±2.72 dB (9KHz-1GHz) ±2.74 dB (1 - 6 GHz) ±2.72 dB (6 GHz - 18 GHz) ±3.54 dB (18 GHz - 26 GHz) ±4.30 dB (26 GHz - 40 GHz)
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.		

5. Equipment Used During Test

Test System					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
PSA Series Spectrum Analyzer	Agilent(Keysight)	E4440A	MY48251036	2021/03/04	1 Year
EXA Signal Analyzer	Keysight	N9010A	MY53281492	2021/03/31	1 Year
RF SELECTOR	TOYO	NS4900	N/A	N/A	N/A
Band SELECTOR	TOYO	NS5800	N/A	N/A	N/A
BiLog Antenna	TESEQ	CBL 6143A	26683	2021/03/18	1 Year
Broadband	SONOMA	317	292953	2021/03/03	1 Year

Amplifier					
Low noise amplifier	MITEQ	TPA0118-36	0914	2021/02/03	1 Year
Double-Ridged Guide Horn Antenna	ETS-LINDGREN	3115	00102808	2021/03/16	1 Year
Test software	TOYO	EP5/RSE	Ver 1.9.1	N/A	N/A
Test software	Audix	E3	V 6.11111b	N/A	N/A
Active Loop Antenna	R&S	HFH2-Z2	100269	2021/05/08	1 Year
Broad Band Horn Antenna	Schwarzbeck	BBHA 9170	790	2021/04/21	1 Year
Broadband Horn Antenna	TESEQ	BHA 9118	31754	2021/10/12	1 Year
Low noise amplifier	MITEQ	TPA0118-36	0914	2021/02/03	1 Year
EMI Test Receiver	R&S	ESCI	101024	2021/03/03	1 Year
EMI Test Receiver	R&S	ESCI	101030	2021/05/15	1 Year
Bilog Antenna	TESEQ	CBL6112D	29068	2020/10/12	2 Year
Bilog Antenna	TESEQ	CBL6112D	29069	2020/10/12	2 Year
Amplifier	Sonoma	310N	300913	2021/03/03	1 Year
Amplifier	Sonoma	310N	300914	2021/03/03	1 Year
Ant Mast	Innco	MA4000	N/A	N/A	N/A
Ant Mast	Innco	MA4000	N/A	N/A	N/A
Mast Controller	Innco	CO2000	N/A	N/A	N/A
Mast Controller	Innco	CO2000	N/A	N/A	N/A
RF Selector 4CH	TOYO	NS4904N	Selector1	N/A	N/A
RF Selector 4CH	TOYO	NS4904N	Selector2	N/A	N/A
PSG Analog Signal Generator	Agilent(Keysight)	E8257D	MY49060493	2021/03/08	1 Year
Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	158800	2021/05/14	1 Year
8960 Series 10 Wireless Communications Test Set	Agilent(Keysight)	E5515C	MY48280272	2021/05/25	1 Year
Radio Communication Test Station	Anritsu	MT8000A	6262302490	2021/03/26	1 Year
Radio Communication Analyzer	Anritsu	MT8821C	6262257930	2021/03/22	1 Year
Coupler-Antenna	European Antenna	PSA-7501R/170	406310-0001	N/A	N/A
tunable notch-filter 820/860Mhz	Wainwright	WRCT 820/860-0.4/40-5SSK	SN8	N/A	N/A

tunable notch-filter 840/920Mhz	Wainwright	WRCT 840/920-0.4/40-5SSK	SN9	N/A	N/A
tunable notch-filter 1700/1800Mhz	Wainwright	WRCD 1700/1800-0.2/40-5SSK	SN41	N/A	N/A
tunable notch-filter 1800/2000Mhz	Wainwright	WRCD 1800/2000-0.2/40-5SSK	SN31	N/A	N/A
band reject filter 1870/1890Mhz	Wainwright	WRCG 1877/1883-1870/1890-40/6EE	SN20	N/A	N/A
band reject filter 1940/1960Mhz	Wainwright	WRCG 1947/1953-1940/1960-40/6SS	SN28	N/A	N/A
band reject filter 2400/2483.5Mhz	Wainwright	WRCTF 2402/2480-2400/2483.5-35/12+9SS	SN42	N/A	N/A
Low pass filter 1.5Ghz	Wainwright	WLK1.5/18G-10SS	SN5	N/A	N/A
High pass filter 1.5G	Wainwright	WHKX1.5/15G-10SS	SN50	N/A	N/A
High pass filter 2.5G	Wainwright	WHKX 2.5/18G-12SS	SN5	N/A	N/A
High pass filter 3G	Kangmaiwei	ZHPF6-M3000-18000-996	03210746	N/A	N/A
High pass filter 6.5G	Kangmaiwei	ZHPF6-M6500-18000-547	03210747	N/A	N/A
High pass filter 1.0G	Kangmaiwei	ZHPF6-C1000-3000-548	11210354	N/A	N/A

6. Details Test Result

6.1.1. Radiated Spurious Emissions

Test Mode1：CDMA 1xRRT BC0 L channel

Frequency [MHz]	Pol	Level [dB(mW)]	Limit [dB(mW)]	Margin [dB]	Height[cm]	Azimuth [°]
70.3	H	-73.2	-13	60.2	96	359.9
400.65	H	-60.6	-13	47.6	94	270.1
1648	H	-47.1	-13	34.1	166	315
2851	H	-42.2	-13	29.2	171	359.9
4858.5	H	-49.4	-13	36.4	158	135.6
7537.501	H	-44.1	-13	31.1	154	91.4
100	V	-55.4	-13	42.4	99	90
512.35	V	-52.8	-13	39.8	98	179.3
1649	V	-47.6	-13	34.6	159	134.7
2792.5	V	-42	-13	29	168	90
4776	V	-49.4	-13	36.4	151	44.6
7305.501	V	-43.8	-13	30.8	151	179.3

Test Mode1：CDMA 1xRRT BC0 M channel

Frequency [MHz]	Pol	Level [dB(mW)]	Limit [dB(mW)]	Margin [dB]	Height[cm]	Azimuth [°]
63.5	H	-71.9	-13	58.9	98	359.9
159.85	H	-65.3	-13	52.3	91	359.9
1466	H	-51.5	-13	38.5	169	270.2
2647.5	H	-44.5	-13	31.5	165	359.9
2032	H	-47.8	-13	34.8	167	134.9
4194.5	H	-48.3	-13	35.3	154	270.2
60.1	V	-66.5	-13	53.5	89	89.8
105.85	V	-65.2	-13	52.2	91	180
274.3	V	-67.6	-13	54.6	92	134.6
1529	V	-51.2	-13	38.2	168	269.9
2515	V	-45.6	-13	32.6	159	44.4
7126.001	V	-45.1	-13	32.1	159	134.6

Test Mode1：CDMA 1xRRT BC0 H channel

Frequency [MHz]	Pol	Level [dB(mW)]	Limit [dB(mW)]	Margin [dB]	Height[cm]	Azimuth [°]
67	H	-74.8	-13	61.8	94	314.9
481.55	H	-66.5	-13	53.5	96	269.9
600.6	H	-64.3	-13	51.3	173	269.9
1688	H	-45.6	-13	32.6	178	180.8
2824.5	H	-42.6	-13	29.6	149	180.8
7368.001	H	-44.4	-13	31.4	172	91.7
65.65	V	-68.5	-13	55.5	91	89.7
600.7	V	-41.5	-13	28.5	94	180
481.9	V	-54.4	-13	41.4	90	225
1688	V	-48.1	-13	35.1	177	225
2847.5	V	-40.4	-13	27.4	134	180
7362.501	V	-43.9	-13	30.9	150	225

Test Mode2：CDMA 1xRRT BC1 L channel

Frequency [MHz]	Pol	Level [dB(mW)]	Limit [dB(mW)]	Margin [dB]	Height[cm]	Azimuth [°]
63.5	H	-57.2	-13	44.2	105	225.2
936.5	H	-56.8	-13	43.8	100	135.6
1562.5	H	-50.6	-13	37.6	174	359.8
3700	H	-50.2	-13	37.2	172	135.6
7077.001	H	-43.6	-13	30.6	165	45.1
17468.5	H	-37.6	-13	24.6	169	180.2
63.5	V	-57	-13	44	110	179.8
927	V	-56.2	-13	43.2	107	89.6
2859.5	V	-40.8	-13	27.8	169	269.7
3700	V	-45.9	-13	32.9	168	179.8
7401.001	V	-43.5	-13	30.5	157	315.5
10729	V	-40.4	-13	27.4	159	224.3

Test Mode2：CDMA 1xRRT BC1 M channel

Frequency [MHz]	Pol	Level [dB(mW)]	Limit [dB(mW)]	Margin [dB]	Height[cm]	Azimuth [°]
67	H	-59.6	-13	46.6	102	315.3
630	H	-59.9	-13	46.9	102	0.2
1468	H	-51.5	-13	38.5	174	180.8
3824.5	H	-50.9	-13	37.9	173	90.8
7360.001	H	-43.9	-13	30.9	168	0.2
10961	H	-40.8	-13	27.8	168	225.8
59.5	V	-58	-13	45	109	224.6
862	V	-58.3	-13	45.3	110	269.9
1634	V	-50.8	-13	37.8	172	359.8
3760.5	V	-48.9	-13	35.9	176	89.7
5710.5	V	-47.7	-13	34.7	150	224.6
14269.5	V	-37.1	-13	24.1	151	315.3

Test Mode2：CDMA 1xRRT BC1 H channel

Frequency [MHz]	Pol	Level [dB(mW)]	Limit [dB(mW)]	Margin [dB]	Height[cm]	Azimuth [°]
73.5	H	-58.9	-13	45.9	106	45
840	H	-58.2	-13	45.2	105	135.1
1577.5	H	-50.8	-13	37.8	168	315.3
3820	H	-50.9	-13	37.9	176	225
7641.501	H	-42.5	-13	29.5	183	315.3
17664	H	-37.5	-13	24.5	158	270.8
66.5	V	-55.5	-13	42.5	97	315.3
834	V	-58.9	-13	45.9	112	134.7
1517.5	V	-51	-13	38	177	224.6
3821.5	V	-47.1	-13	34.1	175	89.5
8469.5	V	-43.4	-13	30.4	149	134.7
14147.5	V	-37.2	-13	24.2	152	44.9

Test Mode3：CDMA 1xRRT BC10 L channel

Frequency [MHz]	Pol	Level [dB(mW)]	Limit [dB(mW)]	Margin [dB]	Height[cm]	Azimuth [°]
36.8	H	-69.1	-13	56.1	97	91.6
482.15	H	-59.7	-13	46.7	93	45.5
1629	H	-42.8	-13	29.8	165	135.3
3894	H	-50.6	-13	37.6	170	315
6619.501	H	-45.9	-13	32.9	155	91.6
7717.501	H	-43.7	-13	30.7	150	315
75.25	V	-56.2	-13	43.2	98	90
300.7	V	-50.1	-13	37.1	97	134.9
1629	V	-44	-13	31	155	134.9
2843.5	V	-39.5	-13	26.5	170	0.1
3895.5	V	-50.2	-13	37.2	152	0.1
7151.001	V	-44.8	-13	31.8	151	44.3

Test Mode3：CDMA 1xRRT BC10 M channel

Frequency [MHz]	Pol	Level [dB(mW)]	Limit [dB(mW)]	Margin [dB]	Height[cm]	Azimuth [°]
33.05	H	-66.3	-13	53.3	95	180.6
325.6	H	-63.5	-13	50.5	95	270.2
489.85	H	-60.8	-13	47.8	170	270.2
1634	H	-38.4	-13	25.4	166	315.6
2853.5	H	-43.1	-13	30.1	170	315.6
7303.001	H	-44.1	-13	31.1	153	135.7
81.3	V	-55.4	-13	42.4	89	89.7
380.65	V	-45.6	-13	32.6	90	269.4
489.7	V	-54.3	-13	41.3	94	89.7
1633	V	-45.5	-13	32.5	168	44
2841	V	-40.9	-13	27.9	157	134.5
6785.001	V	-44.9	-13	31.9	157	134.5

Test Mode3：CDMA 1xRRT BC10 H channel

Frequency [MHz]	Pol	Level [dB(mW)]	Limit [dB(mW)]	Margin [dB]	Height[cm]	Azimuth [°]
30.75	H	-65.4	-13	52.4	94	180
350.65	H	-61.2	-13	48.2	96	270.4
389.95	H	-57.3	-13	44.3	173	270.4
1639.5	H	-45.8	-13	32.8	178	91.4
2845.5	H	-43	-13	30	149	315.3
7269.501	H	-43.6	-13	30.6	172	91.4
87.55	V	-57.1	-13	44.1	91	134.9
390	V	-43.4	-13	30.4	94	44.4
663.15	V	-51.1	-13	38.1	88	134.9
1639	V	-44.1	-13	31.1	177	224.7
2801	V	-41.9	-13	28.9	134	269.6
7438.001	V	-44.7	-13	31.7	150	134.9

Test Mode4：CDMA EVDO BC0 L channel

Frequency [MHz]	Pol	Level [dB(mW)]	Limit [dB(mW)]	Margin [dB]	Height[cm]	Azimuth [°]
67.8	H	-72.2	-13	59.2	96	270.1
512.25	H	-56.5	-13	43.5	95	270.1
1648.5	H	-43.3	-13	30.3	167	315
2514	H	-45.6	-13	32.6	169	315
4224	H	-49.7	-13	36.7	157	45.1
8861.5	H	-43.4	-13	30.4	157	180.1
66.7	V	-69.1	-13	56.1	96	90
400.25	V	-43.9	-13	30.9	98	179.3
1648.5	V	-46.6	-13	33.6	159	134.7
2826	V	-40.8	-13	27.8	157	90
4136.5	V	-49.2	-13	36.2	151	0.1
6851.501	V	-44.9	-13	31.9	150	90

Test Mode4：CDMA EVDO BC0 M channel

Frequency [MHz]	Pol	Level [dB(mW)]	Limit [dB(mW)]	Margin [dB]	Height[cm]	Azimuth [°]
67.6	H	-70.7	-13	57.7	99	270.2
148.5	H	-63.6	-13	50.6	92	359.9
1573.5	H	-51.5	-13	38.5	167	225.7
2177	H	-47.3	-13	34.3	168	315.6
2647.5	H	-44.5	-13	31.5	160	359.9
6174	H	-45.8	-13	32.8	150	315.6
71.35	V	-65.2	-13	52.2	87	359.9
150.45	V	-67.1	-13	54.1	89	269.9
195.5	V	-65.3	-13	52.3	92	134.6
1529	V	-51.2	-13	38.2	169	269.9
2716	V	-43.6	-13	30.6	152	44.4
6784.001	V	-45.4	-13	32.4	154	269.9

Test Mode4：CDMA EVDO BC0 H channel

Frequency [MHz]	Pol	Level [dB(mW)]	Limit [dB(mW)]	Margin [dB]	Height[cm]	Azimuth [°]
71.2	H	-72.3	-13	59.3	97	0.1
151.5	H	-64.8	-13	51.8	95	0.1
572.3	H	-52.1	-13	39.1	89	45.3
1689	H	-41.6	-13	28.6	179	180.8
2532.5	H	-43.5	-13	30.5	136	45.3
5655	H	-46.6	-13	33.6	171	225
71.45	V	-62.8	-13	49.8	98	180
150.15	V	-55.4	-13	42.4	93	180
200.2	V	-50.4	-13	37.4	153	225
1688.5	V	-45.6	-13	32.6	176	89.7
2600	V	-43.7	-13	30.7	142	89.7
6025	V	-48.9	-13	35.9	157	314.9

Test Mode5：CDMA EVDO BC1 L channel

Frequency [MHz]	Pol	Level [dB(mW)]	Limit [dB(mW)]	Margin [dB]	Height[cm]	Azimuth [°]
70.5	H	-57.2	-13	44.2	104	45.1
135	H	-69.8	-13	56.8	103	135.6
1311.5	H	-53.8	-13	40.8	179	45.1
3700.5	H	-49.4	-13	36.4	178	135.6
5551	H	-46	-13	33	162	315.5
14452	H	-37.4	-13	24.4	167	91.9
66	V	-54.7	-13	41.7	108	0
224	V	-64.9	-13	51.9	102	315.5
1535.5	V	-50.2	-13	37.2	178	45
3700.5	V	-44	-13	31	176	89.6
5851	V	-47.1	-13	34.1	154	315.5
17239.5	V	-36.3	-13	23.3	155	269.7

Test Mode5：CDMA EVDO BC1 M channel

Frequency [MHz]	Pol	Level [dB(mW)]	Limit [dB(mW)]	Margin [dB]	Height[cm]	Azimuth [°]
63.5	H	-58.5	-13	45.5	103	225.8
840.5	H	-56.8	-13	43.8	102	90.8
1511	H	-50.7	-13	37.7	176	180.8
3880	H	-50.2	-13	37.2	178	0.2
5676	H	-47.2	-13	34.2	154	225.8
14648	H	-37.6	-13	24.6	167	315.3
64.5	V	-56	-13	43	100	180
980.5	V	-55.8	-13	42.8	107	180
1506	V	-50.2	-13	37.2	173	359.8
3761	V	-48	-13	35	176	89.7
5253.5	V	-48.1	-13	35.1	148	359.8
17519.5	V	-35.9	-13	22.9	153	269.9

Test Mode5：CDMA EVDO BC1 M channel

Frequency [MHz]	Pol	Level [dB(mW)]	Limit [dB(mW)]	Margin [dB]	Height[cm]	Azimuth [°]
66.5	H	-58.4	-13	45.4	101	91.8
933	H	-57.6	-13	44.6	103	0
1452	H	-51.8	-13	38.8	173	180.4
3821	H	-49.4	-13	36.4	171	225
6780.501	H	-45.4	-13	32.4	179	270.8
14638.5	H	-37.9	-13	24.9	150	225
65.5	V	-55.1	-13	42.1	100	224.6
924	V	-56.4	-13	43.4	109	315.3
1373	V	-51.1	-13	38.1	168	44.9
3820.5	V	-46	-13	33	158	89.5
6610.501	V	-45.3	-13	32.3	150	224.6
17281	V	-36	-13	23	152	134.7

Test Mode6：CDMA EVDO BC10 L channel

Frequency [MHz]	Pol	Level [dB(mW)]	Limit [dB(mW)]	Margin [dB]	Height[cm]	Azimuth [°]
75.15	H	-71.4	-13	58.4	90	270.6
371.65	H	-57.2	-13	44.2	92	270.6
1628.5	H	-41	-13	28	163	135.3
3517	H	-51.1	-13	38.1	177	315
6257.501	H	-45.4	-13	32.4	172	359.9
7717.501	H	-43.7	-13	30.7	154	315
75.05	V	-54.2	-13	41.2	96	44.3
371.5	V	-45.1	-13	32.1	90	90
1628.5	V	-42.9	-13	29.9	160	134.9
2406.5	V	-46.3	-13	33.3	173	44.3
3730.5	V	-50.5	-13	37.5	170	0.1
7328.001	V	-43.8	-13	30.8	155	90

Test Mode6：CDMA EVDO BC10 M channel

Frequency [MHz]	Pol	Level [dB(mW)]	Limit [dB(mW)]	Margin [dB]	Height[cm]	Azimuth [°]
81.4	H	-74.4	-13	61.4	89	45.1
380.85	H	-57.8	-13	44.8	93	45.1
149.05	H	-64.6	-13	51.6	88	359.9
1633.5	H	-37.3	-13	24.3	169	315.6
2450.5	H	-45.8	-13	32.8	174	45.1
7379.001	H	-43.6	-13	30.6	158	135.7
81.4	V	-54.9	-13	41.9	81	44
108.55	V	-58.1	-13	45.1	94	179.8
325.65	V	-41.4	-13	28.4	81	89.7
1634	V	-42.9	-13	29.9	163	44
2521.5	V	-45.6	-13	32.6	150	89.7
7418.001	V	-44.4	-13	31.4	149	359.9

Test Mode6：CDMA EVDO BC10 H channel

Frequency [MHz]	Pol	Level [dB(mW)]	Limit [dB(mW)]	Margin [dB]	Height[cm]	Azimuth [°]
71.05	H	-73.3	-13	60.3	93	0.1
147.3	H	-65	-13	52	92	180
497.25	H	-56.7	-13	43.7	97	45.4
1638.5	H	-42.7	-13	29.7	177	91.4
2453.5	H	-46.9	-13	33.9	152	45.4
7364.501	H	-43.4	-13	30.4	178	270.4
87.65	V	-56.5	-13	43.5	92	134.9
116.9	V	-51.8	-13	38.8	97	44.4
350.7	V	-41.9	-13	28.9	84	44.4
1638.5	V	-43.8	-13	30.8	172	224.7
2403.5	V	-45.7	-13	32.7	153	134.9
7394.501	V	-44.5	-13	31.5	150	179.8

Test Mode7：LTE13 M channel

Frequency [MHz]	Pol	Level [dB(mW)]	Limit [dB(mW)]	Margin [dB]	Height[cm]	Azimuth [°]
67.9	H	-72.2	-13	59.2	85	135.6
372.2	H	-69.8	-13	56.8	87	0.3
1541.9	H	-61.1	-13	48.1	172	315.4
1577.87	H	-51.1	-40	11.1	181	180.2
2315.008	H	-59	-13	46	164	135.6
4665.6	H	-56.8	-13	43.8	158	225.5
128.6	V	-72.5	-13	59.5	82	179.8
710.75	V	-42.4	-13	29.4	86	90
1555.2	V	-59.2	-13	46.2	169	134.3
1580.42	V	-51.2	-40	11.2	179	269.7
2647.774	V	-53.5	-13	40.5	168	0.1
3512	V	-59.8	-13	46.8	151	269.7

Test Mode8：LTE25 L channel

Frequency [MHz]	Pol	Level [dB(mW)]	Limit [dB(mW)]	Margin [dB]	Height[cm]	Azimuth [°]
64.5	H	-58.5	-13	45.5	100	91.4
837.5	H	-58.1	-13	45.1	101	315.3
1188.5	H	-54.9	-13	41.9	168	135.1
3702.5	H	-44.6	-13	31.6	174	225.4
5553.5	H	-40	-13	27	159	180
17280	H	-37.6	-13	24.6	152	91.4
60.5	V	-54.2	-13	41.2	101	225
919	V	-55.6	-13	42.6	107	225
1165.5	V	-55.4	-13	42.4	163	359.9
3702	V	-41.2	-13	28.2	179	225
7404.001	V	-36.5	-13	23.5	153	180
17260	V	-34.9	-13	21.9	149	359.9

Test Mode8：LTE25 M channel

Frequency [MHz]	Pol	Level [dB(mW)]	Limit [dB(mW)]	Margin [dB]	Height[cm]	Azimuth [°]
71.5	H	-56.7	-13	43.7	112	45.4
838.5	H	-57.6	-13	44.6	109	135.1
1525	H	-44.1	-13	31.1	183	45.4
3747	H	-45.5	-13	32.5	172	180.1
5620.5	H	-42.4	-13	29.4	155	225.1
17468.5	H	-37.4	-13	24.4	171	270.1
63	V	-56.9	-13	43.9	92	89.7
339.5	V	-64.5	-13	51.5	101	359.7
1525.5	V	-44.4	-13	31.4	179	315.4
3747.5	V	-45.2	-13	32.2	182	315.4
5679	V	-48.1	-13	35.1	151	315.4
17176	V	-36.3	-13	23.3	156	359.7

Test Mode8：LTE25 H channel

Frequency [MHz]	Pol	Level [dB(mW)]	Limit [dB(mW)]	Margin [dB]	Height[cm]	Azimuth [°]
69.5	H	-57.1	-13	44.1	105	269.9
844	H	-57.5	-13	44.5	100	180.5
1196	H	-53.5	-13	40.5	168	180.5
3792	H	-46.6	-13	33.6	165	45.1
5688	H	-40.6	-13	27.6	183	180.5
9480.5	H	-34.4	-13	21.4	162	225.4
62.5	V	-54.3	-13	41.3	98	134.6
431	V	-63.1	-13	50.1	100	179.5
1638	V	-38.7	-13	25.7	158	134.6
3792	V	-44.7	-13	31.7	149	269.5
5688	V	-45.5	-13	32.5	171	134.6
17278.5	V	-36.3	-13	23.3	152	359.7

Test Mode9：LTE26(814-824MHz) M channel

Frequency [MHz]	Pol	Level [dB(mW)]	Limit [dB(mW)]	Margin [dB]	Height[cm]	Azimuth [°]
70.6	H	-73	-13	60	98	315.1
483.1	H	-69.2	-13	56.2	85	45.5
1629	H	-49.3	-13	36.3	167	45.5
2482	H	-45.7	-13	32.7	179	0.2
3214.5	H	-51.6	-13	38.6	160	45.5
4244	H	-49.9	-13	36.9	181	45.5
75.8	V	-53.6	-13	40.6	89	179.8
372.6	V	-44.6	-13	31.6	101	179.8
1629.5	V	-46	-13	33	185	134.5
2444	V	-44.8	-13	31.8	183	0
3515.5	V	-51.3	-13	38.3	156	45.3
4214	V	-49.4	-13	36.4	157	0

Test Mode10：LTE26(824-849MHz) L channel

Frequency [MHz]	Pol	Level [dB(mW)]	Limit [dB(mW)]	Margin [dB]	Height[cm]	Azimuth [°]
72.1	H	-72.2	-13	59.2	89	270.5
262.75	H	-75.1	-13	62.1	92	91.4
1641	H	-51.2	-13	38.2	175	270.5
2560	H	-43.4	-13	30.4	177	135.6
4231	H	-49.8	-13	36.8	152	225.1
9072.5	H	-42.7	-13	29.7	189	180.5
135.1	V	-52.3	-13	39.3	101	179.7
405.65	V	-42.9	-13	29.9	96	179.7
1650	V	-47.5	-13	34.5	149	134.8
2474.5	V	-43.3	-13	30.3	176	0.1
4156	V	-49.7	-13	36.7	182	90
9446	V	-42	-13	29	157	225.1

Test Mode10：LTE26(824-849MHz) M channel

Frequency [MHz]	Pol	Level [dB(mW)]	Limit [dB(mW)]	Margin [dB]	Height[cm]	Azimuth [°]
71.45	H	-71.5	-13	58.5	92	270.4
528.75	H	-70.2	-13	57.2	83	45.4
1660	H	-49.2	-13	36.2	172	359.7
2485.5	H	-46	-13	33	158	270.4
4172.5	H	-49.4	-13	36.4	169	315.8
7365.001	H	-44.1	-13	31.1	157	315.8
70.2	V	-72.4	-13	59.4	101	270
151.75	V	-56.8	-13	43.8	93	179.6
1659.5	V	-43.4	-13	30.4	168	134.6
2489.5	V	-44.5	-13	31.5	172	224.6
4040.5	V	-49.3	-13	36.3	169	90
7361.501	V	-44.1	-13	31.1	153	134.6

Test Mode10：LTE26(824-849MHz) H channel

Frequency [MHz]	Pol	Level [dB(mW)]	Limit [dB(mW)]	Margin [dB]	Height[cm]	Azimuth [°]
72.55	H	-72.8	-13	59.8	100	0.1
630.65	H	-70.7	-13	57.7	89	135.4
1669.5	H	-49.6	-13	36.6	168	0.1
2510	H	-44.6	-13	31.6	177	315.8
4145	H	-49.9	-13	36.9	159	225.8
7350.501	H	-44.1	-13	31.1	173	135.4
58.8	V	-69.5	-13	56.5	92	225
126.3	V	-53.4	-13	40.4	81	89.7
1669.5	V	-44.2	-13	31.2	165	134.8
2505	V	-44.2	-13	31.2	189	269.6
4197.5	V	-49.2	-13	36.2	172	0.2
7327.501	V	-43.7	-13	30.7	155	0.2

Test Mode11：LTE41 L channel

Frequency [MHz]	Pol	Level [dB(mW)]	Limit [dB(mW)]	Margin [dB]	Height[cm]	Azimuth [°]
65	H	-56.8	-25	31.8	113	225.2
840	H	-57.9	-25	32.9	107	45.2
1522	H	-51.1	-25	26.1	174	0.3
4842.5	H	-49	-25	24	188	45.2
10012	H	-41.9	-25	16.9	176	179.8
17490	H	-37.6	-25	12.6	153	225.2
63	V	-56.3	-25	31.3	109	225.2
927.5	V	-56.4	-25	31.4	101	315.5
1344.5	V	-52.2	-25	27.2	155	0
7491.501	V	-41.6	-25	16.6	191	179.5
10215.5	V	-42.8	-25	17.8	183	269.3
17245	V	-36.3	-25	11.3	159	0

Test Mode11：LTE41 M channel

Frequency [MHz]	Pol	Level [dB(mW)]	Limit [dB(mW)]	Margin [dB]	Height[cm]	Azimuth [°]
70.5	H	-58.4	-25	33.4	105	270.5
835	H	-57.9	-25	32.9	109	0
1527.5	H	-50.4	-25	25.4	168	91.6
5945	H	-47.3	-25	22.3	192	91.6
7752.501	H	-39.2	-25	14.2	177	91.6
15504.5	H	-38.5	-25	13.5	158	181
65.5	V	-56.9	-25	31.9	99	134.4
901	V	-50.5	-25	25.5	101	269.3
2170.5	V	-46.3	-25	21.3	167	134.4
5103.5	V	-48.7	-25	23.7	188	90.1
7752.501	V	-40.8	-25	15.8	172	179.4
17272	V	-35.9	-25	10.9	160	179.4

Test Mode11：LTE41 H channel

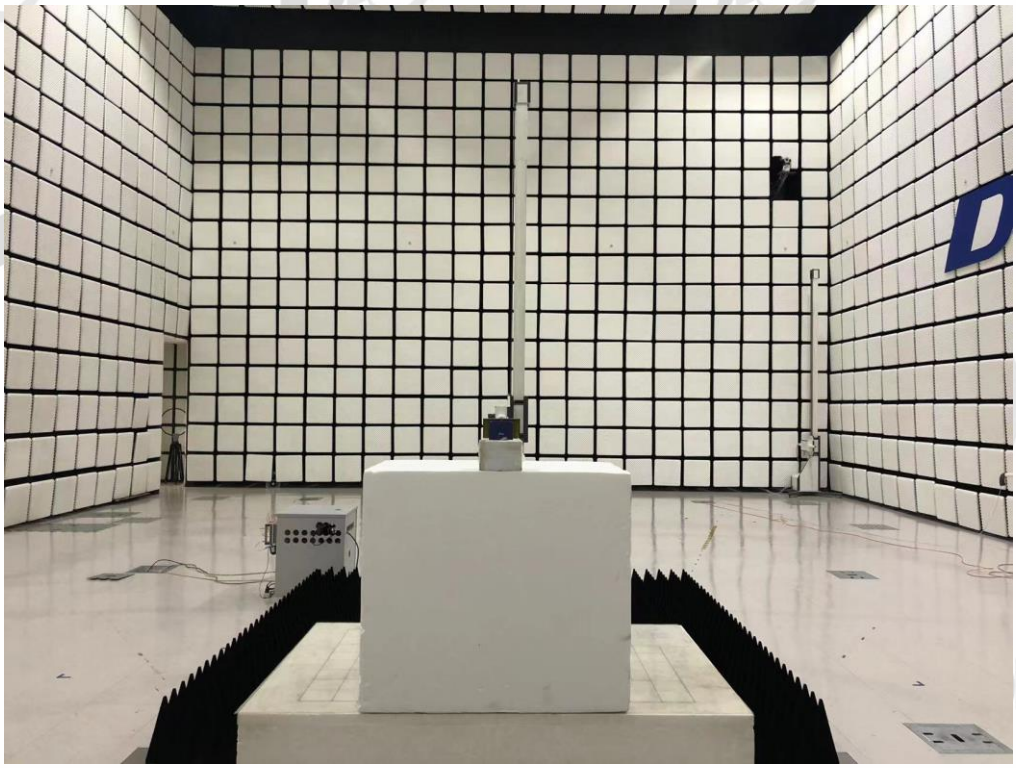
Frequency [MHz]	Pol	Level [dB(mW)]	Limit [dB(mW)]	Margin [dB]	Height[cm]	Azimuth [°]
72	H	-56.9	-25	31.9	99	0.1
834.5	H	-57.5	-25	32.5	106	91.5
2027	H	-47.3	-25	22.3	158	91.5
5330	H	-48	-25	23	189	179.8
10684.5	H	-33.1	-25	8.1	187	45.9
17692.5	H	-37.4	-25	12.4	160	0.1
68	V	-56.3	-25	31.3	103	179.4
939.5	V	-55.8	-25	30.8	105	134.3
1655	V	-49.4	-25	24.4	182	0.1
5586	V	-47.9	-25	22.9	179	269.8
10921.5	V	-41.4	-25	16.4	167	134.3
17351.5	V	-36.5	-25	11.5	163	89.7

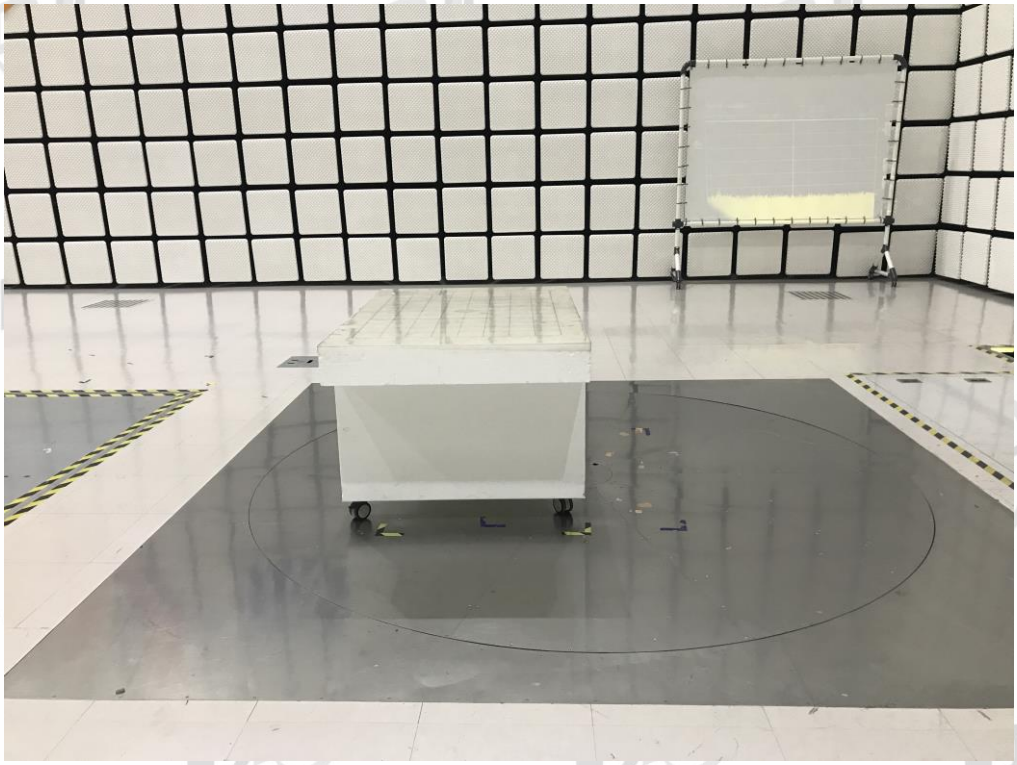
Note:

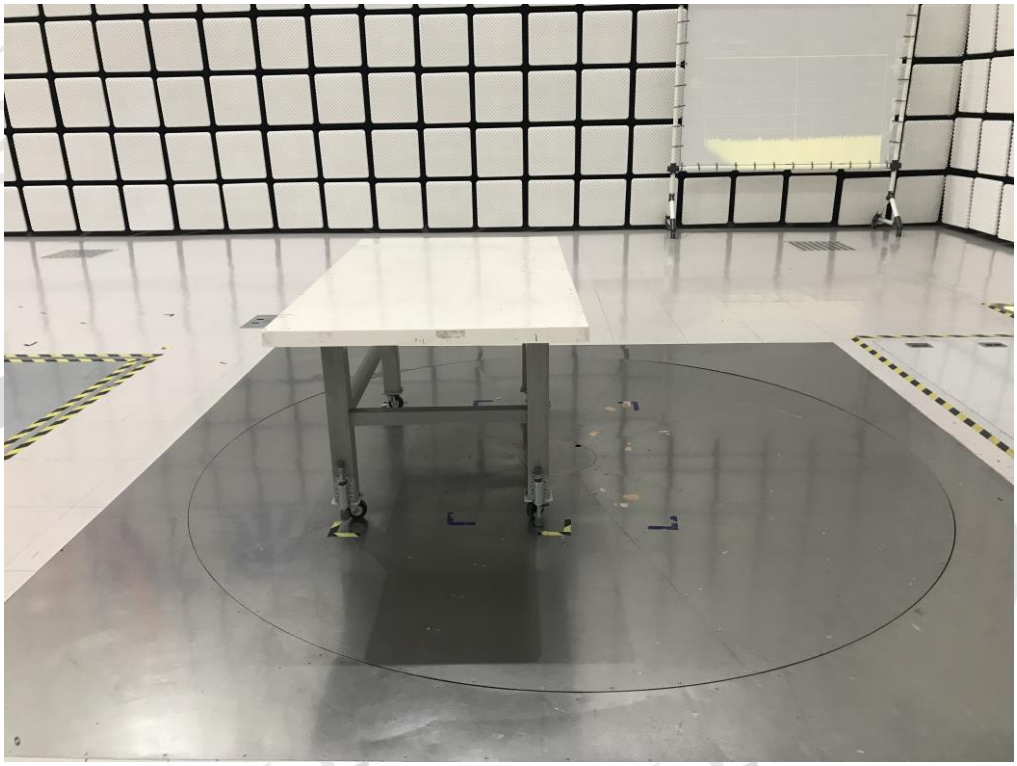
1) The disturbance above 18GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.

2) We have tested all modulation and Bandwidth, but only the worst case data presented in this report.

7. Test setup photograph







END OF REPORT