

ETSI EN 301 908-1 & ETSI EN 301 908-13

Radio Test Report

Project No. : 2207C142
Equipment : AX1800 Wi-Fi 6 5G NR Router
Brand Name : Tenda
Test Model : 5G03
Series Model : N/A
Applicant : SHENZHEN TENDA TECHNOLOGY CO.,LTD.
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Manufacturer : SHENZHEN TENDA TECHNOLOGY CO.,LTD.
Address : 6-8 Floor, Tower E3, No. 1001, Zhongshanyuan Road, Nanshan District, Shenzhen, China. 518052
Date of Receipt : Jul. 29, 2022
Date of Test : Aug. 02, 2022 ~ Aug. 31, 2022
Issued Date : Sep. 14, 2022
Report Version : R01
Test Sample : Engineering Sample No.: DG2022072964
Standard(s) : ETSI EN 301 908-1 V15.1.1 (2021-09)
ETSI EN 301 908-13 V13.1.1 (2019-11)
ETSI TS 136 521-1 V15.2.0 (2018-10)

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

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TESTING CERT #5123.02

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Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

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Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

Please note that the measurement Uncertainty are provided for informational purpose only and are not use in determining the Pass/Fail results.

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REPORT ISSUED HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-ETSP-4-2207C142	R00	Original Report.	Sep. 09, 2022	Invalid
BTL-ETSP-4-2207C142	R01	Updated the antenna gain.	Sep. 14, 2022	Valid

1. TEST SUMMARY

ETSI EN 301 908-1 V15.1.1 (2021-09) and EN 301 908-13 V13.1.1 (2019-11) (See Note 2)				
Sub clause	Description of Test		Verdict	Note
4.2.2	Radiated Emissions (UE)		Pass	-
4.2.2	Transmitter Maximum Output Power		Pass	(1)
4.2.3	Transmitter Spectrum Emission Mask	General Spectrum Emission Mask	Pass	(1)
		Additional Spectrum Emission Mask	Pass	(1)
4.2.4	Transmitter Spurious Emissions	General Spurious Emissions	Pass	(1)
		Spurious emission band UE co-existence		
		Additional spurious emissions		
4.2.5	Transmitter Minimum Output Power		Pass	(1)
4.2.6	Receiver Adjacent Channel Selectivity (ACS)		Pass	(1)
4.2.7	Receiver Blocking Characteristics	In Band	Pass	(1)
		Out Band	Pass	(1)
		Narrow Band	Pass	(1)
4.2.8	Receiver Spurious Response		Pass	(1)
4.2.9	Receiver Intermodulation Characteristics		Pass	(1)
4.2.10	Receiver Spurious Emissions		Pass	(1)
4.2.11	Transmitter Adjacent Channel Leakage Power Ratio		Pass	(1)
4.2.12	Receiver Reference Sensitivity Level		Pass	(1)
4.2.4	Control and monitoring functions (UE)		Pass	(1)
4.2.13	Receiver Total Radiated Sensitivity (TRS)		N/A	3
4.2.14	Total Radiated Power (TRP)		N/A	3

Note:

1. EUT Orthogonal Axis:

"X" - denotes Laid on Table, "Y" - denotes Vertical Stand, "Z" - denotes Side Stand.

2. Normative References:

ETSI TS 136 508 V14.5.0 (2018-04)

ETSI TS 136 101 V13.11.0 (2018-04)

Note: The standards in note 2 are the reference standards for the standards shown on page 1, and all of them are not listed in the A2LA scope.

3. The present requirement applies to handheld phones/DUTs that are wider than or equal to 56 mm and narrower than or equal to 72 mm.

4. The RF module of this 5G03 has been tested and certified. Please refer to the module report as listed in the below table for the test results of the RF module.

RF Module Model	Module Function	Report Number	Standard
RG500L-EU	WCDMA	SHR/2021/A001106	ETSI EN 301 908-1 V13.1.1 ETSI EN 301 908-2 V13.1.1 ETSI TS 134 121-1 V12.1.0
	LTE	SHR/2021/A001107	ETSI EN 301 908-1 V13.1.1 ETSI EN 301 908-13 V13.1.1 ETSI TS 136 521-1 V15.2.0
	5G NR	SHR/2021/A001108	{Draft}ETSI EN 301 908-25 V15.1.1 _15.0.3 (2020-10) ETSI TS 138 521-1 V16.6.0 (2020-12) ETSI TS 138 521-3 V16.6.0 (2020-12)

Based on the RF module the antennas for this 5G03 were updated as below table:

Ant. Model Name	Type	Antenna Brand	Antenna Gain (dBi)	Note
N/A	PCB	N/A	5.45	LTE Band 1
			5.45	LTE Band 3
			5.45	LTE Band 7
			1.50	LTE Band 8
			1.50	LTE Band 20
			1.50	LTE Band 28
			5.45	LTE Band 38
			5.45	LTE Band 40
			6.65	LTE Band 42
			6.65	LTE Band 43

- (1) Thus, only the radiated spurious emissions was evaluated and recorded in this report. For the test results of all other test items please refer to above module test report.
- (2) The antenna gain is provided by the manufacturer.

2. TEST ENVIRONMENT AND DESCRIPTION

2.1 TEST FACILITY

The test facilities used to collect the test data of radiated in this report is **DG-CB12** at the location of No. 3 Jinshagang 1st Rd. Shixia, Dalang Town Dongguan City, Guangdong 523792 People's Republic of China.


2.2 MEASUREMENT UNCERTAINTY

Measurement Uncertainty for a Level of Confidence of 95 %, $U=2 \times U_c(y)$

Parameter	Uncertainty
Spurious Emissions, Radiated $30 \text{ MHz} \leq f \leq 1000 \text{ MHz}$	$\pm 3.58 \text{ dB}$
Spurious Emissions, Radiated $1 \text{ GHz} < f \leq 18 \text{ GHz}$	$\pm 3.78 \text{ dB}$

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	AX1800 Wi-Fi 6 5G NR Router	
Brand Name	Tenda	
Test Model	5G03	
Series Model	N/A	
Model Difference(s)	N/A	
RF Module Model	RG500L-EU	
Power Source	DC Voltage supplied from AC adapter. Model: BN026-A24012E	
Power Rating	I/P: 100-240V~ 50/60Hz 0.7A O/P: 12.0V  2.0A 24W	
Operation Frequency Bands (Note 2, 3)	LTE Band 1: Uplink: 1920-1980 MHz, Downlink: 2110-2170 MHz LTE Band 3: Uplink: 1710-1785 MHz, Downlink: 1805-1880 MHz LTE Band 7: Uplink: 2500-2570 MHz, Downlink: 2620-2690 MHz LTE Band 8: Uplink: 880-915 MHz, Downlink: 925-960 MHz LTE Band 20: Uplink: 832-862 MHz, Downlink: 791-821 MHz LTE Band 28: Uplink: 703-748 MHz, Downlink: 758-803 MHz LTE Band 32: Uplink: N/A, Downlink: 1452-1496 MHz LTE Band 38: Uplink: 2570-2620 MHz, Downlink: 2570-2620 MHz LTE Band 40: Uplink: 2300-2400 MHz, Downlink: 2300-2400 MHz LTE Band 42: Uplink: 3400-3600 MHz, Downlink: 3400-3600 MHz LTE Band 43: Uplink: 3600-3800 MHz, Downlink: 3600-3800 MHz	
Operation Bands	LTE Band 1 / LTE Band 3 / LTE Band 7 / LTE Band 8 / LTE Band 20 / LTE Band 28 / LTE Band 32 / LTE Band 38 / LTE Band 40 / LTE Band 42 / LTE Band 43	
Modulation Type	UL: QPSK; 16QAM; 64QAM; 256QAM DL: QPSK; 16QAM; 64QAM; 256QAM	
Power Class	3	
IMEI NO.	Radiated	869263050070535

Note:

- For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
- Radio equipment in band 32 is only allowed to operate between 1452 MHz and 1492 MHz.
- Restricted to E-UTRA operation when carrier aggregation is configured. The downlink operating band is paired with the uplink operating band (external) of the carrier aggregation configuration that is supporting the configured Pcell.

4. Channel List:

Band	Bandwidth	Low Channel	Mid Channel	High Channel	Low Frequency	Mid Frequency	High Frequency
1	5	18025	18300	18575	1922.5	1950.0	1977.5
1	10	18050	18300	18550	1925.0	1950.0	1975.0
1	15	18075	18300	18525	1927.5	1950.0	1972.5
1	20	18100	18300	18500	1930.0	1950.0	1970.0

Band	Bandwidth	Low Channel	Mid Channel	High Channel	Low Frequency	Mid Frequency	High Frequency
3	1.4	19207	19575	19943	1710.7	1747.5	1784.3
3	3	19215	19575	19935	1711.5	1747.5	1783.5
3	5	19225	19575	19925	1712.5	1747.5	1782.5
3	10	19250	19575	19900	1715.0	1747.5	1780.0
3	15	19275	19575	19875	1717.5	1747.5	1777.5
3	20	19300	19575	19850	1720.0	1747.5	1775.0

Band	Bandwidth	Low Channel	Mid Channel	High Channel	Low Frequency	Mid Frequency	High Frequency
7	5	20775	21100	21425	2502.5	2535.0	2567.5
7	10	20800	21100	21400	2505.0	2535.0	2565.0
7	15	20825	21100	21375	2507.5	2535.0	2562.5
7	20	20850	21100	21350	2510.0	2535.0	2560.0

Band	Bandwidth	Low Channel	Mid Channel	High Channel	Low Frequency	Mid Frequency	High Frequency
8	1.4	21457	21625	21793	880.7	897.5	914.3
8	3	21465	21625	21785	881.5	897.5	913.5
8	5	21475	21625	21775	882.5	897.5	912.5
8	10	21500	21625	21750	885.0	897.5	910.0

Band	Bandwidth	Low Channel	Mid Channel	High Channel	Low Frequency	Mid Frequency	High Frequency
20	5	24175	24300	24425	834.5	847.0	859.5
20	10	24200	24300	24400	837.0	847.0	857.0
20	15	24225	24300	24375	839.5	847.0	854.5
20	20	24250	24300	24350	842.0	847.0	852.0

Band	Bandwidth	Low Channel	Mid Channel	High Channel	Low Frequency	Mid Frequency	High Frequency
28	3	27225	27375	27645	704.5	719.5	746.5
28	5	27235	27385	27635	705.5	720.5	745.5
28	10	27260	27410	27610	708.0	723.0	743.0
28	15	27285	27435	27585	710.5	725.5	740.5
28	20	27310	27460	27560	713.0	728.0	738.0

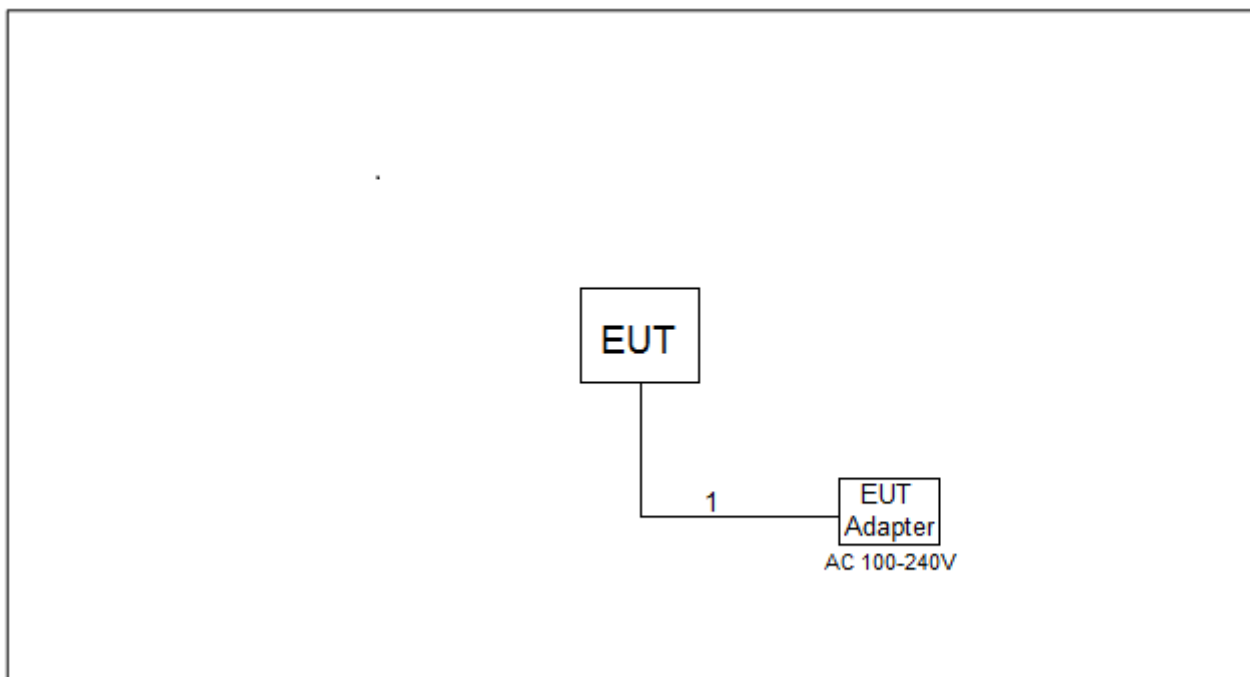
Band	Bandwidth	Low Channel	Mid Channel	High Channel	Low Frequency	Mid Frequency	High Frequency
38	5	37775	38000	38225	2572.5	2595.0	2617.5
38	10	37800	38000	38200	2575.0	2595.0	2615.0
38	15	37825	38000	38175	2577.5	2595.0	2612.5
38	20	37850	38000	38150	2580.0	2595.0	2610.0

Band	Bandwidth	Low Channel	Mid Channel	High Channel	Low Frequency	Mid Frequency	High Frequency
40	5	38675	39150	39625	2302.5	2350.0	2397.5
40	10	38700	39150	39600	2305.0	2350.0	2395.0
40	15	38725	39150	39575	2307.5	2350.0	2392.5
40	20	38750	39150	39550	2310.0	2350.0	2390.0

Band	Bandwidth	Low Channel	Mid Channel	High Channel	Low Frequency	Mid Frequency	High Frequency
42	5	41615	42590	43565	3402.5	3500.0	3597.5
42	10	41640	42590	43540	3405.0	3500.0	3595.0
42	15	41665	42590	43515	3407.5	3500.0	3592.5
42	20	41690	42590	43490	3410.0	3500.0	3590.0

Band	Bandwidth	Low Channel	Mid Channel	High Channel	Low Frequency	Mid Frequency	High Frequency
43	5	43615	44590	45565	3602.5	3700.0	3797.5
43	10	43640	44590	45540	3605.0	3700.0	3795.0
43	15	43665	44590	45515	3607.5	3700.0	3792.5
43	20	43690	44590	45490	3610.0	3700.0	3790.0

3.2 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.3 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Brand	Model No.	Series No.
-	-	-	-	-

Item	Cable Type	Shielded Type	Ferrite Core	Length
1	DC Cable	NO	NO	1.2m

3.4 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical function (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

4. RADIATED EMISSIONS (UE)

4.1 LIMITS

The frequency boundary and reference bandwidths for the detailed transitions of the limits between the requirements for out-of-band emissions and spurious emissions are based on Recommendations ITU-R SM.329-12 [1] and SM.1539-1 [i.6].

The requirements shown in table 4.2.2.2-1 are only applicable for frequencies in the spurious domain.

Table 4.2.2.2-1: Radiated spurious emissions requirements (UE)

Frequency	Minimum requirement (e.r.p.)/ reference bandwidth idle mode	Minimum requirement (e.r.p.)/ reference bandwidth traffic mode	Applicability
$30 \text{ MHz} \leq f < 1\,000 \text{ MHz}$	-57 dBm/100 kHz	-36 dBm/100 kHz	All
$1 \text{ GHz} \leq f < 12,75 \text{ GHz}$	-47 dBm/1 MHz	-30 dBm/1 MHz	All
$12,75 \text{ GHz} \leq f < 5^{\text{th}}$ harmonic of the upper frequency edge of the Uplink operating band in GHz	-47 dBm/1 MHz	-30 dBm/1 MHz	All (note 3)
$12,75 \text{ GHz} < f < 26 \text{ GHz}$	-47 dBm/1 MHz	-30 dBm/1 MHz	All (note 4)
$f_c - 2,5 \times 5 \text{ MHz} < f < f_c + 2,5 \times 5 \text{ MHz}$ (note 1 and note 2)	Not defined	Not defined	UTRA FDD, UTRA TDD, 3,84 Mcps option, cdma2000, spreading rate 3
$f_c - 2,5 \times \text{BW}_{\text{Channel}} \text{ MHz} < f < f_c + 2,5 \times \text{BW}_{\text{Channel}} \text{ MHz}$ (note 1 and note 2)	Not defined	Not defined	E-UTRA FDD, E-UTRA TDD, Mobile WiMAX™
$f_c - (1,5 \times \text{BW}_{\text{Channel}} + 5) \text{ MHz} < f < f_c + (1,5 \times \text{BW}_{\text{Channel}} + 5) \text{ MHz}$ (note 1)	Not defined	Not defined	NR operating in FR1
$f_c - 2,5 \times 10 \text{ MHz} < f < f_c + 2,5 \times 10 \text{ MHz}$ (note 1 and note 2)	Not defined	Not defined	UTRA TDD, 7,68 Mcps option
$f_c - 4 \text{ MHz} < f < f_c + 4 \text{ MHz}$ (note 1 and note 2)	Not defined	Not defined	UTRA TDD, 1,28 Mcps option cdma2000, spreading rate 1

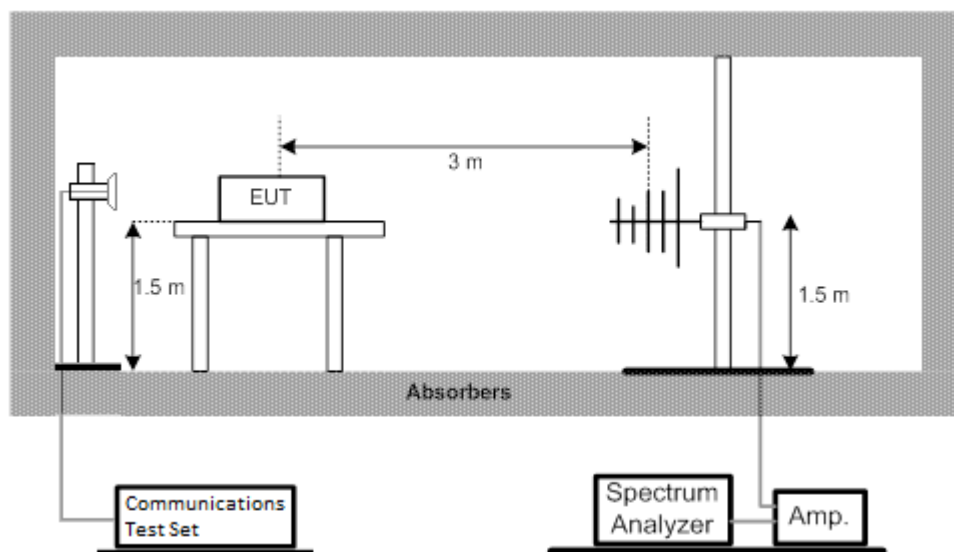
NOTE 1: f_c is the UE transmit centre frequency.
NOTE 2: This frequency range is not in the spurious domain, no requirement is then defined for this frequency range.
NOTE 3: Applies for Band that the upper frequency edge of the Uplink Band more than 2,69 GHz.
NOTE 4: Applies for Band that the upper frequency edge of the Uplink Band more than 5,2 GHz.

4.2 CONFORMANCE

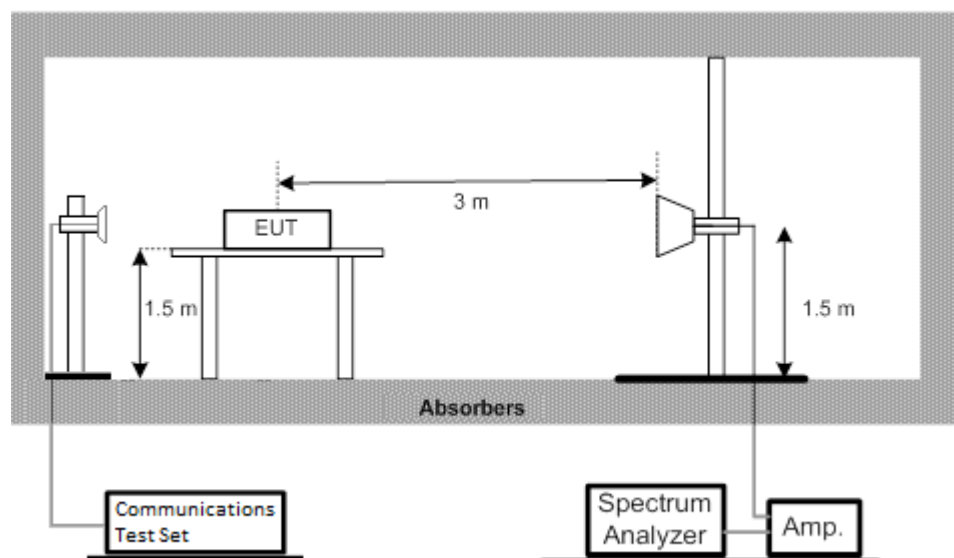
Conformance tests described in EN 301 908-1 clause 5.3.1 shall be carried out.

4.3 TEST SETUP

Radiated Emission Test Set-Up Frequency 30 MHz ~ 1 GHz



Radiated Emission Test Set-Up Frequency Above 1 GHz



4.4 TEST PROCEDURE

Step 1:

The measurement is carried out in the fully anechoic chamber. EUT was placed on a 1.50 meter high nonconductive table at a 3 meter test distance from the test receive antenna. A receiving antenna was placed on the antenna mast 3 meters from the EUT. The height of receiving antenna is 1.50 m and varies in certain range to find the maximum power value. Connect the EUT to the BTS simulator via the air interface. The measurement is carried out using a spectrum analyzer or receiver. Then the antenna height and turn table rotation is adjusted till the maximum power value is founded on spectrum analyzer or receiver. A filter is necessary in the band near to the carrier frequency. A filter is needed to avoid the distortion of the testing equipment in the band above the carrier frequency.

Step 2:

A log-periodic antenna or double-ridged waveguide 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.

Calculation procedure:

The data of cable loss, antenna gain and air loss has been calibrated in full testing frequency range before the testing.

The power of the Radiated Spurious Emissions is calculated by adding the cable loss, antenna gain and air loss. The basic equation with a sample calculation is as followed:

$$P=PR+LC+LA-G$$

Where

P: Power of the Radiated Spurious Emissions (dBm)

PR: reading of the receiver (dBm)

LC: Cable Lose and power amilifer gain and filter cable loss (dB)

LA: Air loss (dB)

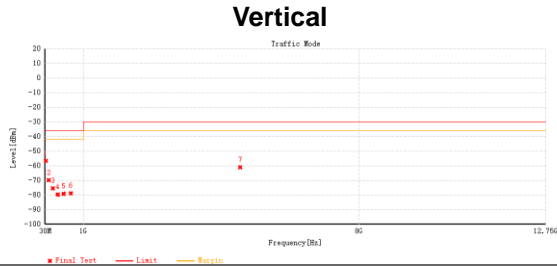
G: Antenna Gain (dBi)

4.5 TEST MODES

Band	Test conditions	Bandwidth (MHz)	RB	Test Mode	Test Channel	Result
LTE Band 1	NTC	5	1	Traffic/Idle	Mid-Channel	Pass
		20	1	Traffic/Idle	Mid-Channel	Pass
LTE Band 3	NTC	1.4	1	Traffic/Idle	Mid-Channel	Pass
		5	1	Traffic/Idle	Mid-Channel	Pass
		20	1	Traffic/Idle	Mid-Channel	Pass
LTE Band 7	NTC	5	1	Traffic/Idle	Mid-Channel	Pass
		20	1	Traffic/Idle	Mid-Channel	Pass
LTE Band 8	NTC	1.4	1	Traffic/Idle	Mid-Channel	Pass
		5	1	Traffic/Idle	Mid-Channel	Pass
		10	1	Traffic/Idle	Mid-Channel	Pass
LTE Band 20	NTC	5	1	Traffic/Idle	Mid-Channel	Pass
		20	1	Traffic/Idle	Mid-Channel	Pass
LTE Band 28	NTC	3	1	Traffic/Idle	Mid-Channel	Pass
		5	1	Traffic/Idle	Mid-Channel	Pass
		20	1	Traffic/Idle	Mid-Channel	Pass
LTE Band 38	NTC	5	1	Traffic/Idle	Mid-Channel	Pass
		20	1	Traffic/Idle	Mid-Channel	Pass
LTE Band 40	NTC	5	1	Traffic/Idle	Mid-Channel	Pass
		20	1	Traffic/Idle	Mid-Channel	Pass
LTE Band 42	NTC	5	1	Traffic/Idle	Mid-Channel	Pass
		20	1	Traffic/Idle	Mid-Channel	Pass
LTE Band 43	NTC	5	1	Traffic/Idle	Mid-Channel	Pass
		20	1	Traffic/Idle	Mid-Channel	Pass

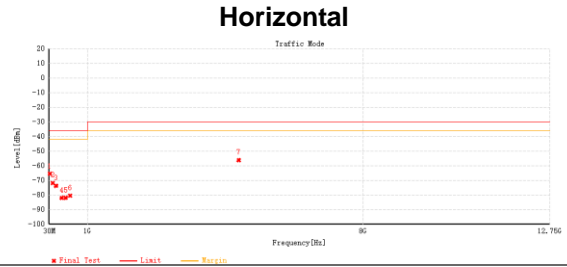
4.6 RADIATED EMISSIONS TRAFFIC MODE MEASUREMENT (UE) RESULTS

Test Mode : LTE_5M 1RB_Traffic Mode_
Mid-Channel_Band 1



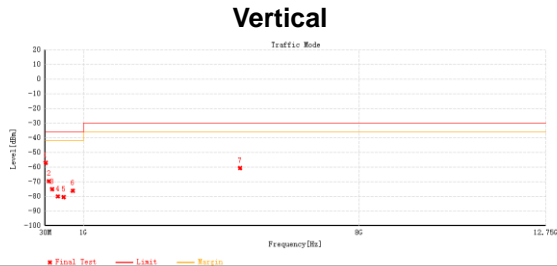
NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	43.386	-57.76	1.08	-56.68	-36	20.68	RMS	Vertical
2	120.113	-64.25	-5.55	-69.8	-36	33.8	RMS	Vertical
3	227.977	-70.58	-4.86	-75.44	-36	39.44	RMS	Vertical
4	349.324	-78.5	-1.18	-79.68	-36	43.68	RMS	Vertical
5	500.062	-81.64	2.57	-79.07	-36	43.07	RMS	Vertical
6	682.907	-83.38	4.67	-78.71	-36	42.71	RMS	Vertical
7	4983.638	-66.32	5.27	-61.05	-30	31.05	RMS	Vertical

Test Mode : LTE_5M 1RB_Traffic Mode_
Mid-Channel_Band 1



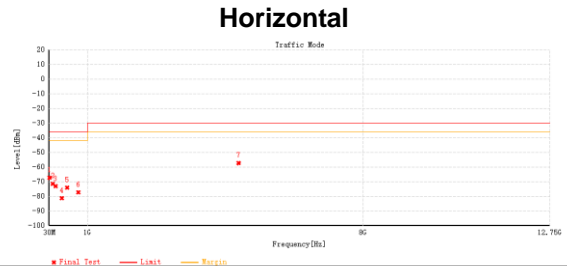
NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	43.677	-65.56	0.14	-65.42	-36	29.42	RMS	Horizontal
2	119.822	-66.29	-5.37	-71.66	-36	35.66	RMS	Horizontal
3	206.152	-67.26	-6.39	-73.65	-36	37.65	RMS	Horizontal
4	350.682	-80.56	-1.3	-81.86	-36	45.86	RMS	Horizontal
5	492.532	-82.04	0.14	-81.9	-36	45.9	RMS	Horizontal
6	562.918	-83.09	2.74	-80.35	-36	44.35	RMS	Horizontal
7	4843.237	-60.99	4.82	-56.17	-30	26.17	RMS	Horizontal

Test Mode : LTE_20M 1RB_Traffic Mode_
Mid-Channel_Band 1



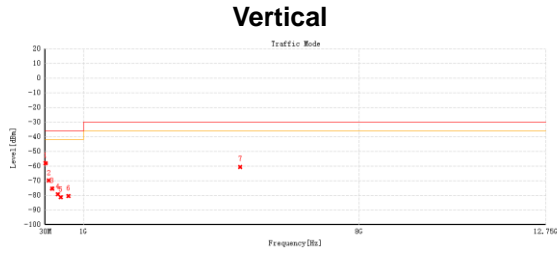
NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	43.289	-56.19	1.07	-57.12	-36	21.12	RMS	Vertical
2	121.665	-64.01	-5.63	-69.64	-36	33.64	RMS	Vertical
3	207.607	-69.12	-5.99	-75.11	-36	39.11	RMS	Vertical
4	352.719	-76.69	-1.19	-79.88	-36	43.88	RMS	Vertical
5	495.988	-82.87	2.44	-80.43	-36	44.43	RMS	Vertical
6	730.922	-82.83	6.77	-76.06	-36	40.06	RMS	Vertical
7	4980.225	-65.96	5.29	-60.67	-30	30.67	RMS	Vertical

Test Mode : LTE_20M 1RB_Traffic Mode_
Mid-Channel_Band 1



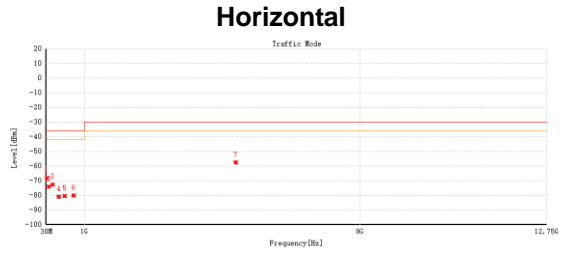
NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	43.871	-67.35	0.14	-67.21	-36	31.21	RMS	Horizontal
2	121.574	-65.86	-5.49	-71.35	-36	35.35	RMS	Horizontal
3	190.341	-66.7	-6.31	-73.01	-36	37.01	RMS	Horizontal
4	352.816	-79.85	-1.31	-81.16	-36	45.16	RMS	Horizontal
5	487.452	-76.19	2.16	-74.03	-36	38.03	RMS	Horizontal
6	768.655	-85.11	7.99	-77.12	-36	41.12	RMS	Horizontal
7	4843.725	-62.11	4.82	-57.29	-30	27.29	RMS	Horizontal

Test Mode : LTE_1.4M 1RB_Traffic Mode_
Mid-Channel_Band 3



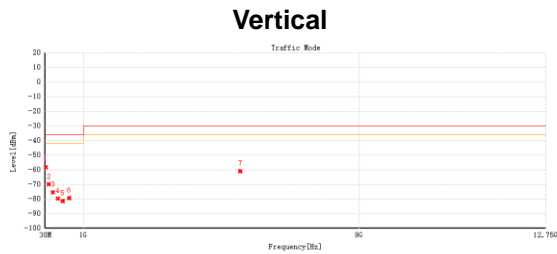
No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	43.289	-59.07	1.07	-58	-36	22	RMS	Vertical
2	119.046	-64.51	-5.34	-69.85	-36	33.85	RMS	Vertical
3	206.637	-69.26	-6.05	-75.31	-36	39.31	RMS	Vertical
4	350.197	-76.03	-1.17	-79.2	-36	43.2	RMS	Vertical
5	423.238	-80.88	-0.32	-81.2	-36	45.2	RMS	Vertical
6	619.76	-85.28	4.87	-80.41	-36	44.41	RMS	Vertical
7	4984.612	-65.76	5.26	-60.5	-30	30.5	RMS	Vertical

Test Mode : LTE_1.4M 1RB_Traffic Mode_
Mid-Channel_Band 3



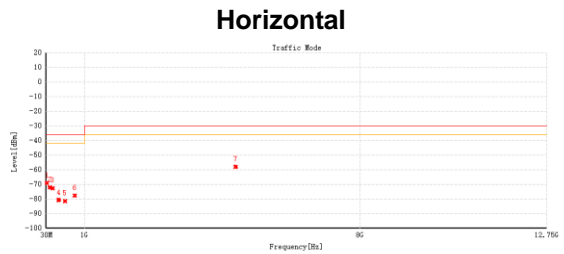
No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	43.095	-68.3	0.15	-68.15	-36	32.15	RMS	Horizontal
2	96.833	-70.61	-3.37	-73.98	-36	37.98	RMS	Horizontal
3	193.348	-66.08	-6.46	-72.54	-36	36.54	RMS	Horizontal
4	350.294	-79.62	-1.3	-80.92	-36	44.92	RMS	Horizontal
5	500.062	-82.88	2.48	-80.4	-36	44.4	RMS	Horizontal
6	727.527	-86.26	6.34	-79.92	-36	43.92	RMS	Horizontal
7	4843.725	-62.25	4.82	-57.43	-30	27.43	RMS	Horizontal

Test Mode : LTE_5M 1RB_Traffic Mode_
Mid-Channel_Band 3



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	43.289	-59.2	1.07	-58.13	-36	22.13	RMS	Vertical
2	121.956	-64.2	-5.65	-69.85	-36	33.85	RMS	Vertical
3	227.104	-76.45	-4.9	-75.35	-36	39.35	RMS	Vertical
4	350.197	-78.38	-1.17	-79.55	-36	43.05	RMS	Vertical
5	475.133	-82.81	1.5	-81.31	-36	45.31	RMS	Vertical
6	640.518	-84.84	5.52	-79.32	-36	43.32	RMS	Vertical
7	4988.513	-66.17	5.23	-60.94	-30	30.94	RMS	Vertical

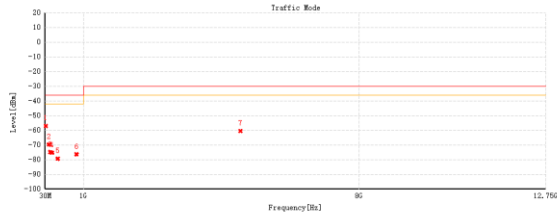
Test Mode : LTE_5M 1RB_Traffic Mode_
Mid-Channel_Band 3



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	44.356	-69.2	0.13	-69.07	-36	33.07	RMS	Horizontal
2	121.471	-66.51	-5.5	-72.01	-36	36.01	RMS	Horizontal
3	193.348	-66.13	-6.46	-72.59	-36	36.59	RMS	Horizontal
4	350.488	-79.3	-1.3	-80.6	-36	44.6	RMS	Horizontal
5	507.337	-83.73	2.41	-81.32	-36	45.32	RMS	Horizontal
6	759.343	-85.44	7.9	-77.54	-36	41.54	RMS	Horizontal
7	4843.237	-62.71	4.82	-57.89	-30	27.89	RMS	Horizontal

Test Mode : LTE_20M 1RB_Traffic
Mode_Mid-Channel_Band 3

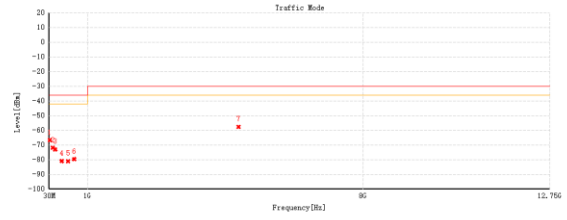
Vertical



#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	43.483	-58.05	1.09	-56.96	-36	20.96	RMS	Vertical
2	121.665	-63.99	-5.63	-69.62	-36	33.62	RMS	Vertical
3	162.599	-68.46	-6.3	-74.76	-36	38.76	RMS	Vertical
4	206.346	-69.08	-6.06	-75.14	-36	39.14	RMS	Vertical
5	348.839	-78.07	-1.19	-79.26	-36	43.26	RMS	Vertical
6	824.624	-84.37	8.06	-76.31	-36	40.31	RMS	Vertical
7	4991.438	-65.7	5.21	-60.49	-30	30.49	RMS	Vertical

Test Mode : LTE_20M 1RB_Traffic
Mode_Mid-Channel_Band 3

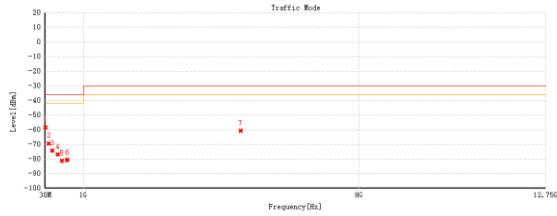
Horizontal



#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	43.871	-66.83	0.14	-66.69	-36	30.69	RMS	Horizontal
2	119.434	-66.57	-5.33	-71.9	-36	35.9	RMS	Horizontal
3	181.417	-65.53	-7.33	-72.86	-36	36.86	RMS	Horizontal
4	350.973	-78.64	-1.3	-80.94	-36	44.94	RMS	Horizontal
5	508.695	-83.26	2.4	-80.86	-36	44.86	RMS	Horizontal
6	659.724	-84.89	5.33	-79.56	-36	43.56	RMS	Horizontal
7	4843.725	-62.42	4.82	-57.6	-30	27.6	RMS	Horizontal

Test Mode : LTE_5M 1RB_Traffic Mode_
Mid-Channel_Band 7

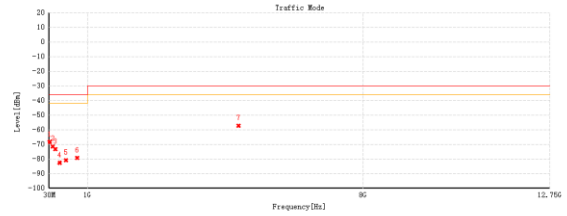
Vertical



#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	42.125	-59.34	0.97	-58.37	-36	22.37	RMS	Vertical
2	120.986	-63.69	-5.6	-69.29	-36	33.29	RMS	Vertical
3	210.323	-68.37	-5.83	-74.2	-36	38.2	RMS	Vertical
4	350.482	-75.37	-1.18	-76.55	-36	40.55	RMS	Vertical
5	495.927	-81.23	0.04	-81.19	-36	45.19	RMS	Vertical
6	590.175	-83.94	3.34	-80.6	-36	44.6	RMS	Vertical
7	4995.337	-65.82	5.18	-60.64	-30	30.64	RMS	Vertical

Test Mode : LTE_5M 1RB_Traffic Mode_
Mid-Channel_Band 7

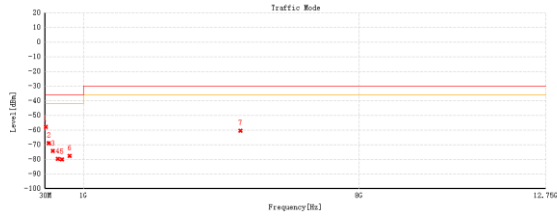
Horizontal



#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	41.155	-68.41	0.18	-68.23	-36	32.23	RMS	Horizontal
2	121.471	-65.88	-5.5	-71.38	-36	35.38	RMS	Horizontal
3	191.699	-66.9	-6.38	-73.18	-36	37.18	RMS	Horizontal
4	298.599	-78.39	-3.04	-81.43	-36	45.43	RMS	Horizontal
5	495.539	-80.95	0.28	-80.69	-36	44.69	RMS	Horizontal
6	740.04	-86.27	7.13	-79.14	-36	43.14	RMS	Horizontal
7	4843.725	-62.03	4.82	-57.21	-30	27.21	RMS	Horizontal

Test Mode : LTE_20M 1RB_Traffic Mode_
Mid-Channel_Band 7

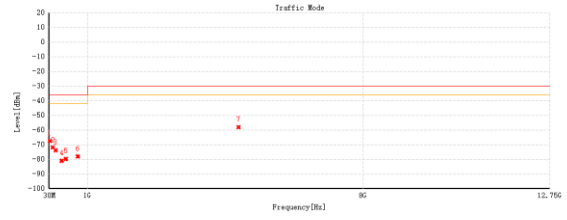
Vertical



#	Freq. [MHz]	Reading[dBm]	Factor[dB]	Level[dBm]	Limit[dBm]	Margin[dB]	Detector	Polarity
1	42.222	-56.7	0.98	-57.72	-36	21.72	RMS	Vertical
2	121.762	-63.25	-5.64	-68.89	-36	32.89	RMS	Vertical
3	226.813	-69.35	-4.92	-74.27	-36	38.27	RMS	Vertical
4	349.615	-76.36	-1.18	-79.54	-36	43.54	RMS	Vertical
5	460.098	-80.25	0.24	-80.01	-36	44.01	RMS	Vertical
6	662.352	-83.24	5.58	-77.66	-36	41.66	RMS	Vertical
7	4988.513	-65.66	5.23	-60.43	-30	30.43	RMS	Vertical

Test Mode : LTE_20M 1RB_Traffic Mode_
Mid-Channel_Band 7

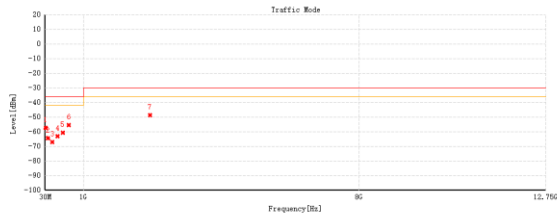
Horizontal



#	Freq. [MHz]	Reading[dBm]	Factor[dB]	Level[dBm]	Limit[dBm]	Margin[dB]	Detector	Polarity
1	42.386	-67.63	0.15	-67.48	-36	31.48	RMS	Horizontal
2	121.083	-66.34	-5.47	-71.81	-36	35.81	RMS	Horizontal
3	189.856	-67.47	-6.31	-73.78	-36	37.78	RMS	Horizontal
4	349.712	-79.63	-1.3	-80.93	-36	44.93	RMS	Horizontal
5	454.666	-79.96	0.22	-79.74	-36	43.74	RMS	Horizontal
6	756.045	-85.67	7.83	-77.84	-36	41.84	RMS	Horizontal
7	4843.237	-62.86	4.82	-58.04	-30	28.04	RMS	Horizontal

Test Mode : LTE_1.4M 1RB_Traffic Mode_
Mid-Channel_Band 8

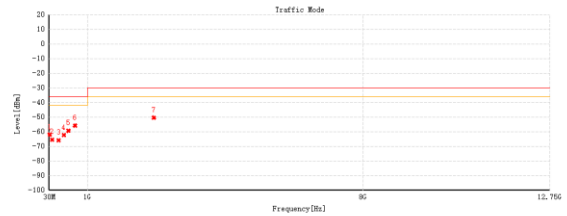
Vertical



#	Freq. [MHz]	Reading[dBm]	Factor[dB]	Level[dBm]	Limit[dBm]	Margin[dB]	Detector	Polarity
1	43.095	-68.13	10.84	-57.29	-36	21.29	RMS	Vertical
2	100.228	-72.83	8.52	-64.31	-36	28.31	RMS	Vertical
3	309.256	-70.84	3.97	-66.87	-36	30.87	RMS	Vertical
4	345.444	-71.56	8.63	-62.93	-36	26.93	RMS	Vertical
5	474.745	-72.03	11.47	-60.56	-36	24.56	RMS	Vertical
6	632.176	-70.55	15.21	-55.34	-36	19.34	RMS	Vertical
7	2692.587	-51.91	3.4	-48.51	-30	18.51	RMS	Vertical

Test Mode : LTE_1.4M 1RB_Traffic Mode_
Mid-Channel_Band 8

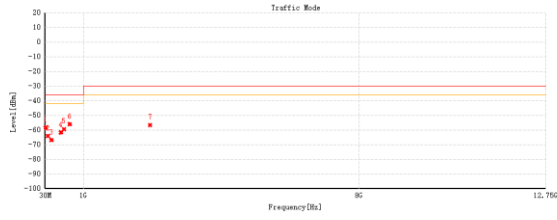
Horizontal



#	Freq. [MHz]	Reading[dBm]	Factor[dB]	Level[dBm]	Limit[dBm]	Margin[dB]	Detector	Polarity
1	42.222	-71.83	9.95	-61.88	-36	25.88	RMS	Horizontal
2	101.489	-72.39	7.02	-65.37	-36	29.37	RMS	Horizontal
3	270.172	-71.83	6.05	-65.78	-36	29.78	RMS	Horizontal
4	402.771	-71.65	9.42	-62.23	-36	26.23	RMS	Horizontal
5	518.977	-71.57	12.26	-59.31	-36	23.31	RMS	Horizontal
6	683.101	-70.29	14.53	-55.76	-36	19.76	RMS	Horizontal
7	2692.587	-53.28	2.91	-50.37	-30	20.37	RMS	Horizontal

Test Mode : LTE_5M 1RB_Traffic Mode_
Mid-Channel_Band 8

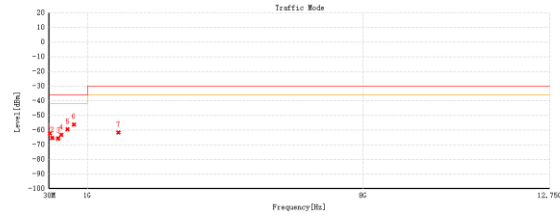
Vertical



#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	40.767	-66.88	10.63	-58.25	-36	22.25	RMS	Vertical
2	95.087	-71.74	7.72	-64.02	-36	28.02	RMS	Vertical
3	191.99	-71.11	4.35	-66.76	-36	30.76	RMS	Vertical
4	432.453	-71.41	9.81	-61.6	-36	25.6	RMS	Vertical
5	506.367	-71.72	12.41	-59.31	-36	23.31	RMS	Vertical
6	655.553	-71.56	15.62	-55.94	-36	19.94	RMS	Vertical
7	2694.938	-59.97	3.41	-56.56	-30	26.56	RMS	Vertical

Test Mode : LTE_5M 1RB_Traffic Mode_
Mid-Channel_Band 8

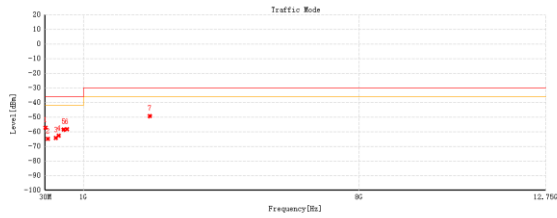
Horizontal



#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	43.289	-72.16	9.94	-62.22	-36	26.22	RMS	Horizontal
2	107.697	-71.2	5.92	-65.28	-36	29.28	RMS	Horizontal
3	258.241	-71.43	5.72	-65.71	-36	29.71	RMS	Horizontal
4	339.333	-71.66	8.44	-63.22	-36	27.22	RMS	Horizontal
5	495.018	-71.65	12.25	-59.4	-36	23.4	RMS	Horizontal
6	656.038	-71.58	15.4	-56.18	-36	20.18	RMS	Horizontal
7	1792.537	-59.4	-2.19	-61.59	-30	31.59	RMS	Horizontal

Test Mode : LTE_10M 1RB_Traffic Mode_
Mid-Channel_Band 8

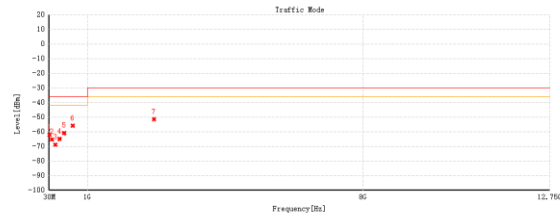
Vertical



#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	42.028	-67.94	10.75	-57.19	-36	21.19	RMS	Vertical
2	102.944	-72.7	7.9	-64.8	-36	28.8	RMS	Vertical
3	299.078	-70.49	6.6	-64.09	-36	28.09	RMS	Vertical
4	375.32	-71.83	9.21	-62.62	-36	26.62	RMS	Vertical
5	497.54	-70.84	12.37	-58.47	-36	22.47	RMS	Vertical
6	580.766	-71.3	13.1	-58.2	-36	22.2	RMS	Vertical
7	2692.587	-52.42	3.4	-49.22	-30	19.22	RMS	Vertical

Test Mode : LTE_10M 1RB_Traffic Mode_
Mid-Channel_Band 8

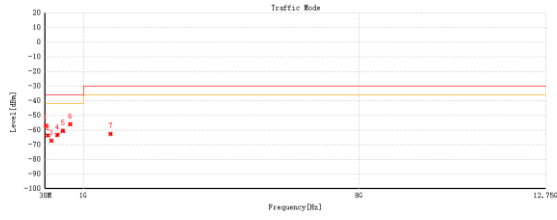
Horizontal



#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	41.834	-71.92	9.96	-61.96	-36	25.96	RMS	Horizontal
2	101.974	-72.09	6.93	-65.16	-36	29.16	RMS	Horizontal
3	188.207	-72.09	3.33	-66.76	-36	32.76	RMS	Horizontal
4	292.676	-71.68	6.75	-64.93	-36	28.93	RMS	Horizontal
5	410.046	-70.51	9.59	-60.92	-36	24.92	RMS	Horizontal
6	626.744	-70.87	14.97	-55.9	-36	19.9	RMS	Horizontal
7	2692.587	-54.41	2.91	-51.5	-30	21.5	RMS	Horizontal

Test Mode : LTE_5M 1RB_Traffic Mode_
Mid-Channel_Band 20

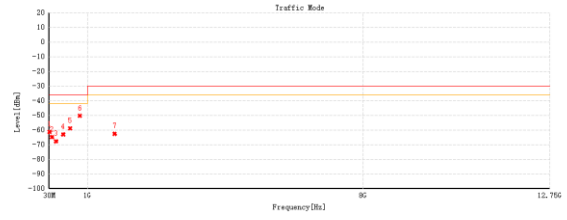
Vertical



#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	45.774	-67.83	10.91	-56.92	-36	20.92	RMS	Vertical
2	102.168	-71.68	8.08	-63.6	-36	27.6	RMS	Vertical
3	188.692	-71.78	4.49	-67.29	-36	31.29	RMS	Vertical
4	337.975	-71.71	8.37	-63.34	-36	27.34	RMS	Vertical
5	479.11	-72.23	11.82	-60.41	-36	24.41	RMS	Vertical
6	663.216	-71.52	15.48	-56.04	-36	20.04	RMS	Vertical
7	1493.25	-58.42	-4.15	-62.57	-30	32.57	RMS	Vertical

Test Mode : LTE_5M 1RB_Traffic Mode_
Mid-Channel_Band 20

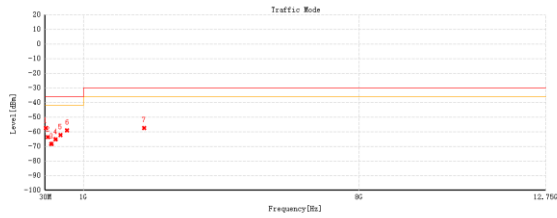
Horizontal



#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	40.961	-71.23	9.97	-61.26	-36	25.26	RMS	Horizontal
2	100.616	-71.85	7.17	-64.68	-36	28.68	RMS	Horizontal
3	207.607	-71.18	3.55	-67.63	-36	31.63	RMS	Horizontal
4	387.057	-72.22	9.35	-62.87	-36	26.87	RMS	Horizontal
5	557.195	-71.4	12.59	-58.81	-36	22.81	RMS	Horizontal
6	807.746	-68.52	18.24	-50.28	-36	14.28	RMS	Horizontal
7	1492.662	-58.5	-3.93	-62.43	-30	32.43	RMS	Horizontal

Test Mode : LTE_20M 1RB_Traffic Mode_
Mid-Channel_Band 20

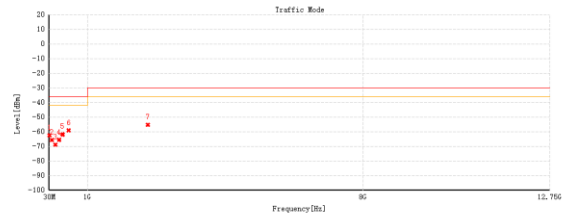
Vertical



#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	43.453	-68.39	10.89	-57.5	-36	21.5	RMS	Vertical
2	96.445	-71.56	7.95	-63.61	-36	27.61	RMS	Vertical
3	187.625	-72.42	4.4	-68.22	-36	32.22	RMS	Vertical
4	297.235	-71.7	6.56	-65.14	-36	29.14	RMS	Vertical
5	418	-71.76	9.05	-62.11	-36	26.11	RMS	Vertical
6	594.743	-72.23	13.25	-58.98	-36	22.98	RMS	Vertical
7	2541.012	-60.34	2.95	-57.39	-30	27.39	RMS	Vertical

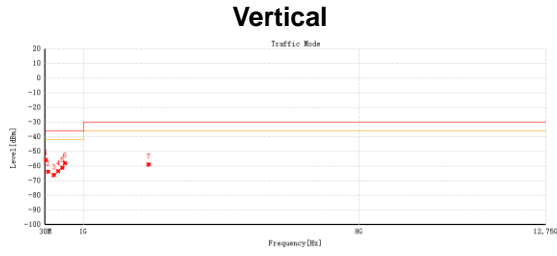
Test Mode : LTE_20M 1RB_Traffic Mode_
Mid-Channel_Band 20

Horizontal



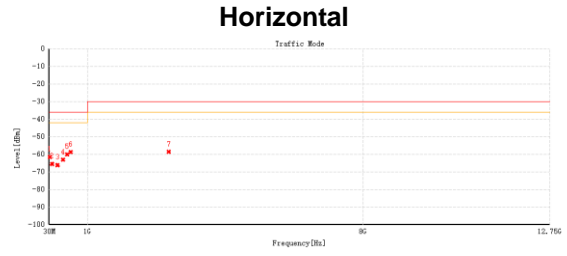
#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	39.894	-72.34	9.96	-62.38	-36	26.38	RMS	Horizontal
2	101.683	-72.59	6.98	-65.61	-36	29.61	RMS	Horizontal
3	186.267	-71.87	3.1	-68.77	-36	32.77	RMS	Horizontal
4	282.394	-71.96	6.44	-65.52	-36	29.52	RMS	Horizontal
5	368.142	-70.68	8.89	-61.79	-36	25.79	RMS	Horizontal
6	525.088	-71.33	12.28	-59.05	-36	23.05	RMS	Horizontal
7	2541.012	-57.46	2.25	-55.21	-30	25.21	RMS	Horizontal

Test Mode : LTE_3M 1RB_Traffic Mode_
Mid-Channel_Band 28



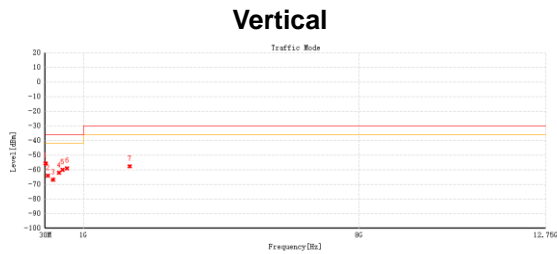
No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	44.356	-66.84	10.96	-55.88	-36	19.88	RMS	Vertical
2	103.041	-71.66	7.88	-63.78	-36	27.78	RMS	Vertical
3	248.347	-71.93	5.78	-66.15	-36	30.15	RMS	Vertical
4	358.927	-71.94	8.68	-63.26	-36	27.26	RMS	Vertical
5	465.239	-71.81	10.7	-61.11	-36	25.11	RMS	Vertical
6	505.467	-70.34	12.41	-57.93	-36	21.93	RMS	Vertical
7	2661.45	-62.07	3.26	-58.81	-30	28.81	RMS	Vertical

Test Mode : LTE_3M 1RB_Traffic Mode_
Mid-Channel_Band 28



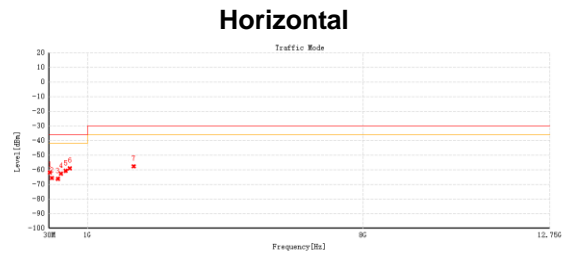
No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	43.289	-71.39	9.94	-61.45	-36	25.45	RMS	Horizontal
2	96.579	-72.37	6.9	-65.47	-36	29.47	RMS	Horizontal
3	242.721	-71.68	5.61	-66.07	-36	30.07	RMS	Horizontal
4	376.969	-72.21	9.23	-62.98	-36	26.98	RMS	Horizontal
5	485.997	-72.13	12.07	-60.06	-36	24.06	RMS	Horizontal
6	579.699	-71.73	13.04	-58.69	-36	22.69	RMS	Horizontal
7	3068.587	-63.58	5	-58.58	-30	28.58	RMS	Horizontal

Test Mode : LTE_5M 1RB_Traffic Mode_
Mid-Channel_Band 28



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	43.289	-66.46	10.86	-55.6	-36	19.6	RMS	Vertical
2	97.221	-71.99	8.09	-63.9	-36	27.9	RMS	Vertical
3	227.589	-71.76	5.05	-66.71	-36	30.71	RMS	Vertical
4	380.958	-71.48	9.38	-62.1	-36	26.1	RMS	Vertical
5	475.23	-71.45	11.53	-59.94	-36	23.94	RMS	Vertical
6	583.773	-72.17	13.22	-58.95	-36	22.95	RMS	Vertical
7	2176.762	-59.94	1.47	-57.57	-30	27.57	RMS	Vertical

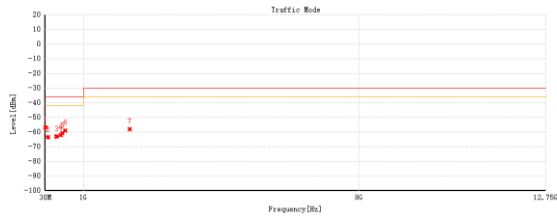
Test Mode : LTE_5M 1RB_Traffic Mode_
Mid-Channel_Band 28



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	44.647	-71.69	9.92	-61.77	-36	25.77	RMS	Horizontal
2	96.549	-72.68	7.16	-65.52	-36	29.52	RMS	Horizontal
3	249.123	-71.93	5.77	-66.16	-36	30.16	RMS	Horizontal
4	330.797	-70.44	7.9	-62.54	-36	26.54	RMS	Horizontal
5	405.945	-70.92	10.31	-60.61	-36	24.61	RMS	Horizontal
6	553.121	-71.34	12.46	-58.88	-36	22.88	RMS	Horizontal
7	2176.762	-59.11	1.64	-57.47	-30	27.47	RMS	Horizontal

Test Mode : LTE_20M 1RB_Traffic Mode_
Mid-Channel_Band 28

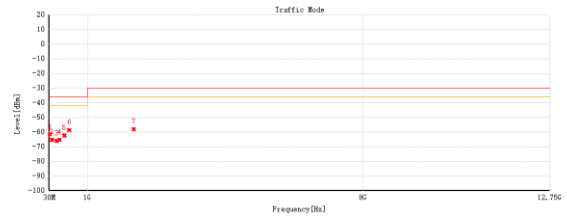
Vertical



#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	43.386	-67.65	10.87	-56.78	-36	20.78	RMS	Vertical
2	96.773	-71.78	8.36	-63.42	-36	27.42	RMS	Vertical
3	321	-70.14	7.14	-63	-36	27	RMS	Vertical
4	422.85	-71.73	9.71	-62.02	-36	26.02	RMS	Vertical
5	464.948	-71.42	10.68	-60.74	-36	24.74	RMS	Vertical
6	542.16	-71.38	12.43	-58.95	-36	22.95	RMS	Vertical
7	2176.762	-59.46	1.47	-57.99	-30	27.99	RMS	Vertical

Test Mode : LTE_20M 1RB_Traffic Mode_
Mid-Channel_Band 28

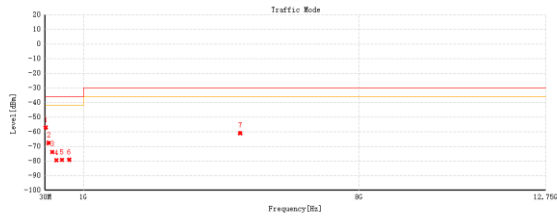
Horizontal



#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	44.744	-71.39	9.92	-61.47	-36	25.47	RMS	Horizontal
2	100.131	-72.54	7.26	-65.28	-36	29.28	RMS	Horizontal
3	217.889	-70.24	4.31	-65.93	-36	29.93	RMS	Horizontal
4	293.064	-71.85	6.76	-65.09	-36	29.09	RMS	Horizontal
5	412.568	-71.87	9.65	-62.22	-36	26.22	RMS	Horizontal
6	542.548	-70.92	12.36	-58.56	-36	22.56	RMS	Horizontal
7	2176.175	-59.54	1.64	-57.9	-30	27.9	RMS	Horizontal

Test Mode : LTE_5M 1RB_Traffic Mode_
Mid-Channel_Band 38

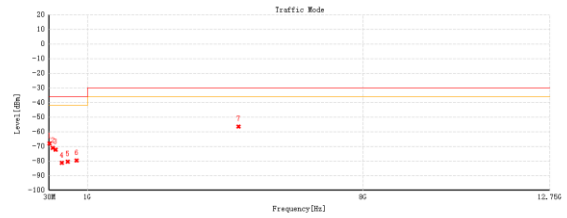
Vertical



#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	44.065	-58.31	1.14	-57.17	-36	21.17	RMS	Vertical
2	119.725	-62.11	-5.48	-67.59	-36	31.59	RMS	Vertical
3	209.547	-67.9	-5.89	-73.79	-36	37.79	RMS	Vertical
4	316.526	-76.5	-2.91	-79.41	-36	43.41	RMS	Vertical
5	456.509	-79.32	0.06	-79.26	-36	43.26	RMS	Vertical
6	639.354	-84.54	5.5	-79.04	-36	43.04	RMS	Vertical
7	4982.662	-66.08	5.27	-60.81	-30	30.81	RMS	Vertical

Test Mode : LTE_5M 1RB_Traffic Mode_
Mid-Channel_Band 38

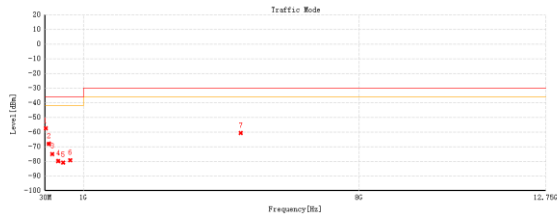
Horizontal



#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	41.349	-68.19	0.18	-68	-36	32	RMS	Horizontal
2	119.919	-65.66	-5.38	-71.04	-36	35.04	RMS	Horizontal
3	193.154	-66.72	-6.45	-72.17	-36	36.17	RMS	Horizontal
4	349.615	-79.83	-1.3	-81.13	-36	45.13	RMS	Horizontal
5	504.621	-82.82	2.44	-80.38	-36	44.38	RMS	Horizontal
6	727.527	-85.97	6.34	-79.63	-36	43.63	RMS	Horizontal
7	4843.725	-61.16	4.82	-56.34	-30	26.34	RMS	Horizontal

Test Mode : LTE_20M 1RB_Traffic Mode_
Mid-Channel_Band 38

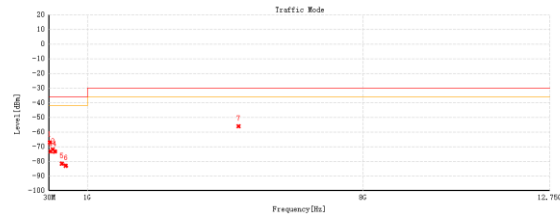
Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	43.386	-56.54	1.08	-57.46	-36	21.46	RMS	Vertical
2	120.21	-62.43	-5.55	-67.98	-36	31.98	RMS	Vertical
3	212.069	-69.24	-5.73	-74.97	-36	38.97	RMS	Vertical
4	362.225	-76.5	-1.18	-79.68	-36	43.68	RMS	Vertical
5	489.004	-83.06	2.21	-80.85	-36	44.85	RMS	Vertical
6	666.32	-84.31	5.22	-79.09	-36	43.09	RMS	Vertical
7	4999.237	-65.78	5.15	-60.63	-30	30.63	RMS	Vertical

Test Mode : LTE_20M 1RB_Traffic Mode_
Mid-Channel_Band 38

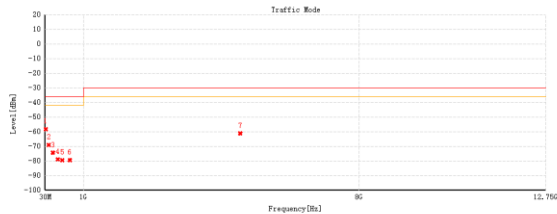
Horizontal



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	42.707	-67.15	0.16	-66.99	-36	30.99	RMS	Horizontal
2	64.726	-67.51	-5.76	-73.27	-36	37.27	RMS	Horizontal
3	120.21	-66.25	-5.41	-71.66	-36	35.66	RMS	Horizontal
4	178.313	-65.62	-7.56	-73.18	-36	37.18	RMS	Horizontal
5	352.234	-80.13	-1.31	-81.44	-36	45.44	RMS	Horizontal
6	450.398	-82.89	0.05	-82.84	-36	46.84	RMS	Horizontal
7	4843.725	-60.86	4.82	-56.04	-30	26.04	RMS	Horizontal

Test Mode : LTE_5M 1RB_Traffic Mode_
Mid-Channel_Band 40

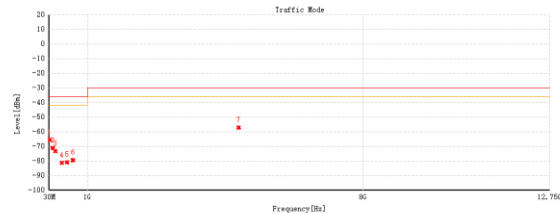
Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	43.289	-59.18	1.07	-58.11	-36	22.11	RMS	Vertical
2	119.143	-63.53	-5.36	-68.89	-36	32.89	RMS	Vertical
3	228.462	-69.4	-4.83	-74.23	-36	38.23	RMS	Vertical
4	350.003	-77.73	-1.17	-78.9	-36	42.9	RMS	Vertical
5	464.269	-79.96	0.59	-79.37	-36	43.37	RMS	Vertical
6	656.135	-84.82	5.56	-79.26	-36	43.26	RMS	Vertical
7	4986.075	-66.37	5.25	-61.12	-30	31.12	RMS	Vertical

Test Mode : LTE_5M 1RB_Traffic Mode_
Mid-Channel_Band 40

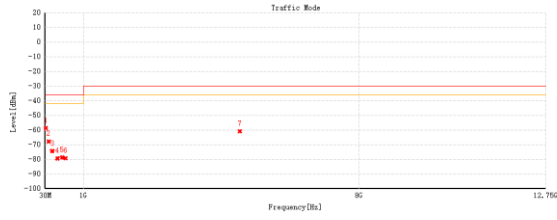
Horizontal



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	42.319	-65.57	0.16	-65.41	-36	29.41	RMS	Horizontal
2	119.531	-65.83	-5.34	-71.17	-36	35.17	RMS	Horizontal
3	190.729	-66.97	-6.33	-73.2	-36	37.2	RMS	Horizontal
4	352.137	-79.97	-1.31	-81.28	-36	45.28	RMS	Horizontal
5	479.983	-82.79	1.97	-80.82	-36	44.82	RMS	Horizontal
6	634.31	-84.56	5.18	-79.38	-36	43.38	RMS	Horizontal
7	4843.725	-61.88	4.82	-57.06	-30	27.06	RMS	Horizontal

Test Mode : LTE_20M 1RB_Traffic Mode_
Mid-Channel_Band 40

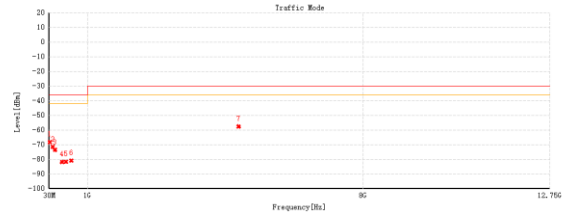
Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	44.162	-59.77	1.15	-58.62	-36	22.62	RMS	Vertical
2	118.397	-62.56	-5.2	-67.76	-36	31.76	RMS	Vertical
3	210.226	-66.53	-5.84	-74.37	-36	38.37	RMS	Vertical
4	342.728	-77.96	-1.3	-79.26	-36	43.26	RMS	Vertical
5	407.897	-78.75	0.13	-78.62	-36	42.62	RMS	Vertical
6	543.518	-81.72	2.48	-79.24	-36	43.24	RMS	Vertical
7	4981.2	-66.08	5.28	-60.8	-30	30.8	RMS	Vertical

Test Mode : LTE_20M 1RB_Traffic Mode_
Mid-Channel_Band 40

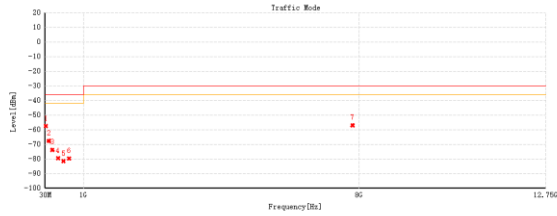
Horizontal



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	41.64	-68.36	0.17	-68.19	-36	32.19	RMS	Horizontal
2	120.016	-66.07	-5.39	-71.46	-36	35.46	RMS	Horizontal
3	178.119	-65.98	-7.57	-73.55	-36	37.55	RMS	Horizontal
4	352.816	-80.46	-1.31	-81.77	-36	45.77	RMS	Horizontal
5	460.098	-82.01	0.44	-81.57	-36	45.57	RMS	Horizontal
6	588.526	-84.03	3.27	-80.76	-36	44.76	RMS	Horizontal
7	4843.725	-62.29	4.82	-57.47	-30	27.47	RMS	Horizontal

Test Mode : LTE_5M 1RB_Traffic Mode_
Mid-Channel_Band 42

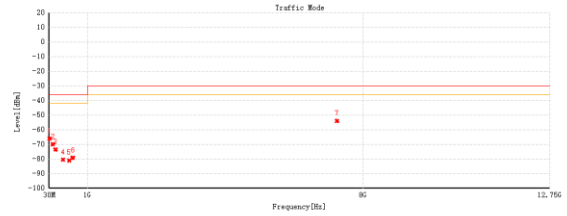
Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	44.162	-58.53	1.15	-57.4	-36	21.4	RMS	Vertical
2	120.113	-62.05	-5.55	-67.6	-36	31.6	RMS	Vertical
3	215.458	-68.25	-5.51	-73.76	-36	37.76	RMS	Vertical
4	357.86	-78.26	-1.23	-79.49	-36	43.49	RMS	Vertical
5	498.607	-83.92	2.52	-81.4	-36	45.4	RMS	Vertical
6	635.474	-85	5.37	-79.63	-36	43.63	RMS	Vertical
7	7840.388	-68.28	11.41	-56.87	-30	26.87	RMS	Vertical

Test Mode : LTE_5M 1RB_Traffic Mode_
Mid-Channel_Band 42

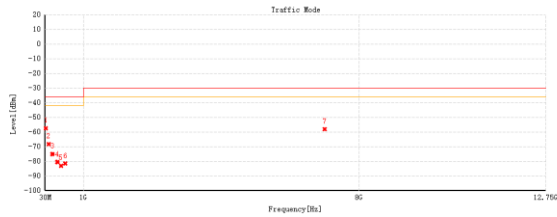
Horizontal



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	42.998	-66.19	0.15	-66.04	-36	30.04	RMS	Horizontal
2	120.986	-64.46	-5.46	-69.92	-36	33.92	RMS	Horizontal
3	191.214	-67.12	-6.35	-73.47	-36	37.47	RMS	Horizontal
4	382.789	-78.79	-0.65	-80.44	-36	44.44	RMS	Horizontal
5	535.758	-83.37	2.39	-80.98	-36	44.98	RMS	Horizontal
6	628.587	-84.19	5.03	-79.16	-36	43.16	RMS	Horizontal
7	7343.925	-66.58	11.7	-54.88	-30	23.88	RMS	Horizontal

Test Mode : LTE_20M 1RB_Traffic Mode_
Mid-Channel_Band 42

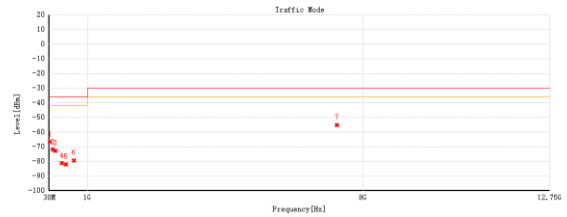
Vertical



NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	44.259	-56.47	1.15	-57.32	-36	21.32	RMS	Vertical
2	118.755	-62.83	-5.28	-68.11	-36	32.11	RMS	Vertical
3	216.628	-69.52	-5.46	-74.98	-36	38.98	RMS	Vertical
4	343.019	-79.09	-1.29	-80.38	-36	44.38	RMS	Vertical
5	432.259	-82.62	-0.27	-82.89	-36	46.89	RMS	Vertical
6	541.19	-83.9	2.49	-81.41	-36	45.41	RMS	Vertical
7	7128.263	-68.53	10.6	-57.93	-30	27.93	RMS	Vertical

Test Mode : LTE_20M 1RB_Traffic Mode_
Mid-Channel_Band 42

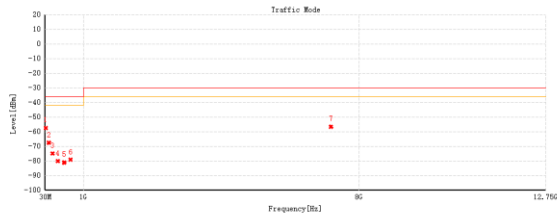
Horizontal



NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	44.259	-66.76	0.13	-66.63	-36	30.63	RMS	Horizontal
2	120.113	-66.5	-5.4	-71.9	-36	35.9	RMS	Horizontal
3	190.632	-66.5	-6.32	-72.82	-36	36.82	RMS	Horizontal
4	350.585	-79.89	-1.3	-81.19	-36	45.19	RMS	Horizontal
5	458.934	-82.37	0.39	-81.98	-36	45.98	RMS	Horizontal
6	656.426	-84.71	5.34	-79.37	-36	43.37	RMS	Horizontal
7	7343.925	-66.84	11.7	-55.14	-30	25.14	RMS	Horizontal

Test Mode : LTE_5M 1RB_Traffic Mode_
Mid-Channel_Band 43

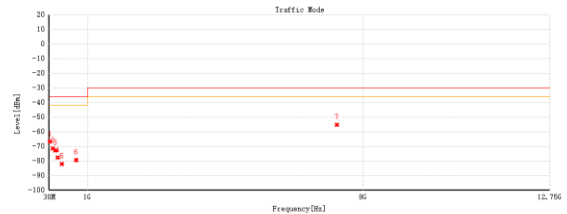
Vertical



NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	43.396	-56.4	1.08	-57.32	-36	21.32	RMS	Vertical
2	120.792	-61.96	-5.58	-67.54	-36	31.54	RMS	Vertical
3	216.24	-69.43	-5.48	-74.91	-36	38.91	RMS	Vertical
4	350.488	-78.85	-1.17	-80.02	-36	44.02	RMS	Vertical
5	515.679	-83.41	2.42	-80.99	-36	44.99	RMS	Vertical
6	672.722	-84	4.9	-79.1	-36	43.1	RMS	Vertical
7	7289.587	-67.85	11.41	-56.44	-30	26.44	RMS	Vertical

Test Mode : LTE_5M 1RB_Traffic Mode_
Mid-Channel_Band 43

Horizontal

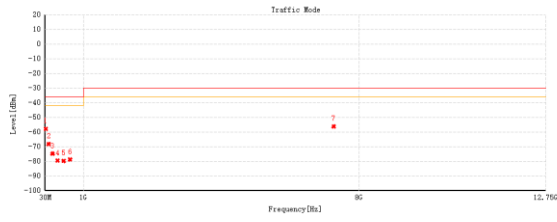


NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	44.453	-66.78	0.13	-66.65	-36	30.65	RMS	Horizontal
2	121.859	-66.83	-5.53	-72.36	-36	36.36	RMS	Horizontal
3	190.729	-66.36	-6.33	-72.69	-36	36.69	RMS	Horizontal
4	244.855	-73.43	-4.21	-77.64	-36	41.64	RMS	Horizontal
5	351.749	-80.65	-1.31	-81.96	-36	45.96	RMS	Horizontal
6	714.723	-85.03	5.72	-79.31	-36	43.31	RMS	Horizontal
7	7343.925	-66.83	11.7	-55.13	-30	25.13	RMS	Horizontal

Test Mode : LTE_20M 1RB_Traffic Mode_
Mid-Channel_Band 43

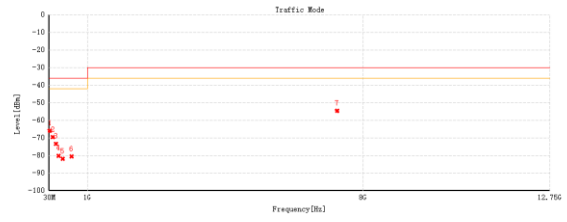
Test Mode : LTE_20M 1RB_Traffic Mode_
Mid-Channel_Band 43

Vertical



NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	42.998	-56.83	1.04	-57.79	-36	21.79	RMS	Vertical
2	119.24	-62.65	-5.38	-68.03	-36	32.03	RMS	Vertical
3	216.725	-69.17	-5.45	-74.62	-36	38.62	RMS	Vertical
4	348.257	-76.21	-1.2	-79.41	-36	43.41	RMS	Vertical
5	500.062	-82.28	2.57	-79.71	-36	43.71	RMS	Vertical
6	659.627	-84.3	5.55	-78.75	-36	42.75	RMS	Vertical
7	7360.462	-67.72	11.65	-56.07	-30	26.07	RMS	Vertical

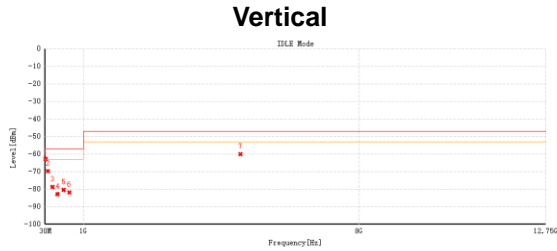
Horizontal



NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	44.453	-66.08	0.13	-65.95	-36	29.95	RMS	Horizontal
2	119.24	-64.27	-5.31	-69.58	-36	33.58	RMS	Horizontal
3	204.503	-66.88	-6.5	-73.38	-36	37.38	RMS	Horizontal
4	267.359	-76.25	-3.91	-80.16	-36	44.16	RMS	Horizontal
5	371.925	-80.95	-0.94	-81.89	-36	45.89	RMS	Horizontal
6	594.54	-84.01	3.51	-80.5	-36	44.5	RMS	Horizontal
7	7343.587	-66.23	11.7	-54.53	-30	24.53	RMS	Horizontal

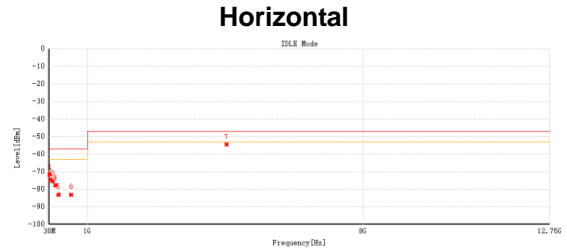
4.7 RADIATED EMISSIONS IDLE MODE MEASUREMENT (UE) RESULTS

Test Mode : LTE_5M 1RB_Idle_Mid-Channel_
Band 1



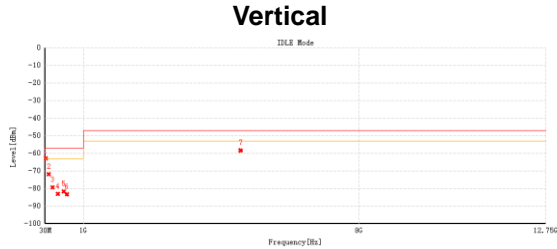
No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	41.64	-63.62	0.92	-62.7	-57	5.7	RMS	Vertical
2	101.683	-66.05	-1.6	-69.65	-57	12.65	RMS	Vertical
3	213.33	-73.09	-5.65	-78.74	-57	21.74	RMS	Vertical
4	343.795	-81.42	-1.28	-82.7	-57	25.7	RMS	Vertical
5	499.965	-83.01	2.57	-80.44	-57	23.44	RMS	Vertical
6	640.906	-87.35	5.52	-81.83	-57	24.83	RMS	Vertical
7	4990.3	-59.53	-0.52	-60.05	-47	13.05	RMS	Vertical

Test Mode : LTE_5M 1RB_Idle_Mid-Channel_
Band 1



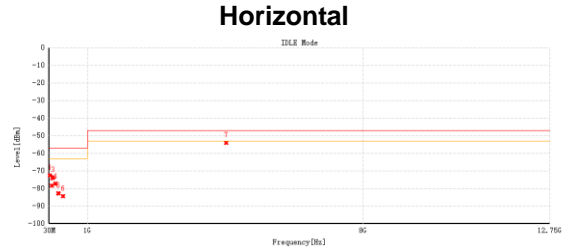
No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	44.453	-71.79	0.13	-71.66	-57	14.66	RMS	Horizontal
2	66.375	-66.06	-6.48	-74.54	-57	17.54	RMS	Horizontal
3	119.919	-70.19	-5.38	-75.57	-57	18.57	RMS	Horizontal
4	193.057	-71.22	-6.45	-77.67	-57	20.67	RMS	Horizontal
5	266.971	-79.14	-3.92	-83.06	-57	26.06	RMS	Horizontal
6	585.713	-86.27	3.16	-83.11	-57	26.11	RMS	Horizontal
7	4531.462	-52.52	-2	-54.52	-47	7.52	RMS	Horizontal

Test Mode : LTE_20M 1RB_Idle_Mid-Channel_
Band 1



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	42.804	-63.88	1.03	-62.85	-57	5.85	RMS	Vertical
2	120.21	-66.34	-5.55	-71.89	-57	14.89	RMS	Vertical
3	212.651	-73.62	-5.69	-79.31	-57	22.31	RMS	Vertical
4	350.779	-81.84	-1.18	-83.02	-57	26.02	RMS	Vertical
5	499.965	-84.25	2.57	-81.68	-57	24.68	RMS	Vertical
6	579.505	-86.18	2.96	-83.22	-57	26.22	RMS	Vertical
7	4997.35	-57.76	-0.57	-58.33	-47	11.33	RMS	Vertical

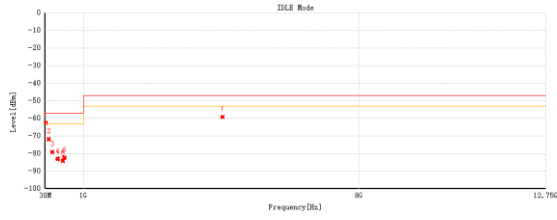
Test Mode : LTE_20M 1RB_Idle_Mid-Channel_
Band 1



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	44.259	-72.52	0.13	-72.39	-57	15.39	RMS	Horizontal
2	97.027	-74.96	-3.32	-78.28	-57	21.28	RMS	Horizontal
3	122.15	-66.2	-5.55	-73.75	-57	16.75	RMS	Horizontal
4	190.438	-70.9	-6.31	-77.21	-57	20.21	RMS	Horizontal
5	266.389	-78.76	-3.94	-82.7	-57	25.7	RMS	Horizontal
6	382.498	-83.59	-0.65	-84.24	-57	27.24	RMS	Horizontal
7	4530.875	-51.99	-2.01	-54	-47	7	RMS	Horizontal

Test Mode : LTE_1.4M 1RB_Idle_Mid-Channel_Band 3

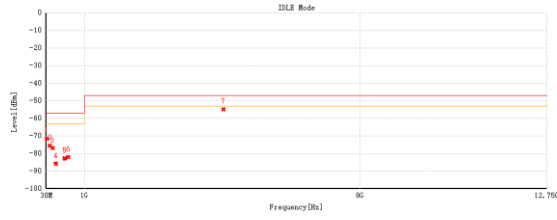
Vertical



NO.	Freq. [MHz]	Reading[dBm]	Factor[dB]	Level[dBm]	Limit[dBm]	Margin[dB]	Detector	Polarity
1	42.998	-63.51	1.04	-62.47	-57	5.47	RMS	Vertical
2	120.501	-66.25	-5.57	-71.82	-57	14.82	RMS	Vertical
3	211.972	-73.39	-5.73	-79.12	-57	22.12	RMS	Vertical
4	345.735	-81.75	-1.25	-83	-57	26	RMS	Vertical
5	478.431	-86.02	1.78	-84.24	-57	27.24	RMS	Vertical
6	516.746	-84.61	2.41	-82.2	-57	25.2	RMS	Vertical
7	4530.875	-57.22	-1.92	-59.14	-47	12.14	RMS	Vertical

Test Mode : LTE_1.4M 1RB_Idle_Mid-Channel_Band 3

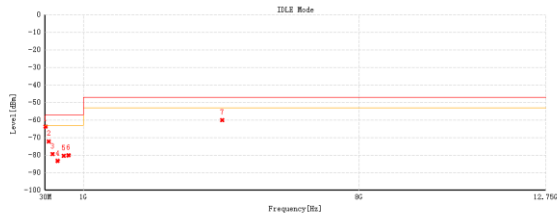
Horizontal



NO.	Freq. [MHz]	Reading[dBm]	Factor[dB]	Level[dBm]	Limit[dBm]	Margin[dB]	Detector	Polarity
1	42.289	-71.59	0.15	-71.44	-57	14.44	RMS	Horizontal
2	124.381	-69.78	-5.71	-75.49	-57	18.49	RMS	Horizontal
3	192.766	-70.45	-6.43	-76.88	-57	19.88	RMS	Horizontal
4	274.828	-82.04	-3.71	-85.75	-57	28.75	RMS	Horizontal
5	501.032	-85.27	2.47	-82.8	-57	25.8	RMS	Horizontal
6	589.011	-85.3	3.29	-82.01	-57	25.01	RMS	Horizontal
7	4530.875	-52.8	-2.01	-54.81	-47	7.81	RMS	Horizontal

Test Mode : LTE_5M 1RB_Idle_Mid-Channel_Band 3

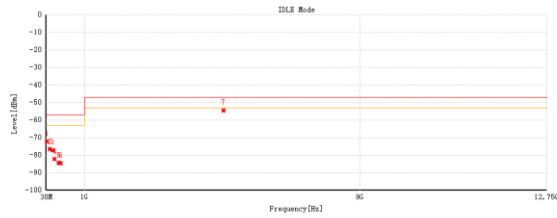
Vertical



NO.	Freq. [MHz]	Reading[dBm]	Factor[dB]	Level[dBm]	Limit[dBm]	Margin[dB]	Detector	Polarity
1	42.61	-64.71	1.01	-63.7	-57	6.7	RMS	Vertical
2	121.782	-66.51	-5.64	-72.15	-57	15.15	RMS	Vertical
3	213.427	-73.45	-5.65	-79.3	-57	22.3	RMS	Vertical
4	350.003	-82.01	-1.17	-83.18	-57	26.18	RMS	Vertical
5	499.965	-82.93	2.57	-80.36	-57	23.36	RMS	Vertical
6	625.095	-85.08	5.05	-80.03	-57	23.03	RMS	Vertical
7	4530.875	-58.05	-1.92	-59.97	-47	12.97	RMS	Vertical

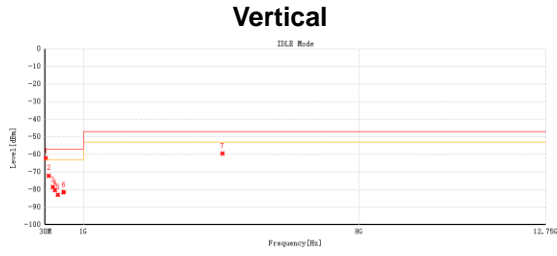
Test Mode : LTE_5M 1RB_Idle_Mid-Channel_Band 3

Horizontal



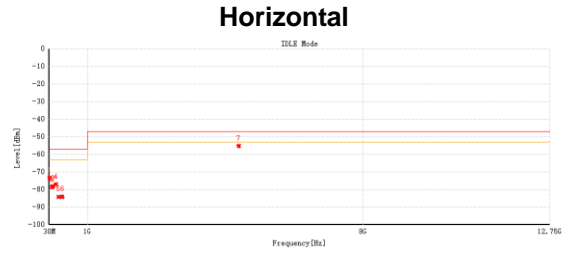
NO.	Freq. [MHz]	Reading[dBm]	Factor[dB]	Level[dBm]	Limit[dBm]	Margin[dB]	Detector	Polarity
1	45.035	-72.23	0.12	-72.11	-57	15.11	RMS	Horizontal
2	119.531	-71.23	-5.34	-76.57	-57	19.57	RMS	Horizontal
3	190.505	-70.81	-6.32	-77.13	-57	20.13	RMS	Horizontal
4	241.072	-77.89	-4.31	-82.2	-57	25.2	RMS	Horizontal
5	349.712	-82.93	-1.3	-84.23	-57	27.23	RMS	Horizontal
6	398.503	-84.03	-0.56	-84.59	-57	27.59	RMS	Horizontal
7	4531.462	-52.45	-2	-54.45	-47	7.45	RMS	Horizontal

Test Mode : LTE_20M 1RB_Idle_Mid-Channel_Band 3



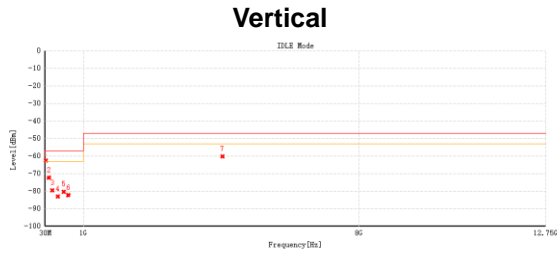
#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	45.52	-65.49	1.27	-62.22	-57	5.22	RMS	Vertical
2	119.822	-66.61	-5.5	-72.11	-57	15.11	RMS	Vertical
3	222.448	-73.4	-5.14	-78.54	-57	21.54	RMS	Vertical
4	276.089	-76.43	-3.85	-80.28	-57	23.28	RMS	Vertical
5	346.511	-81.76	-1.23	-82.99	-57	25.99	RMS	Vertical
6	499.965	-84.07	2.57	-81.5	-57	24.5	RMS	Vertical
7	4930.875	-57.61	-1.92	-59.53	-47	12.53	RMS	Vertical

Test Mode : LTE_20M 1RB_Idle_Mid-Channel_Band 3



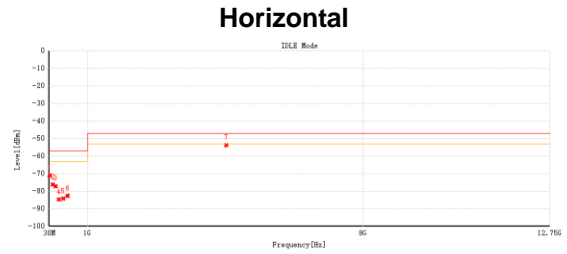
#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	40.864	-73.43	0.19	-73.24	-57	16.24	RMS	Horizontal
2	96.542	-75.22	-3.45	-78.67	-57	21.67	RMS	Horizontal
3	124.672	-72.19	-5.73	-77.92	-57	20.92	RMS	Horizontal
4	200.914	-70.27	-6.74	-77.01	-57	20.01	RMS	Horizontal
5	267.068	-80.19	-3.92	-84.11	-57	27.11	RMS	Horizontal
6	359.8	-82.66	-1.35	-84.01	-57	27.01	RMS	Horizontal
7	4843.425	-54.25	-0.95	-55.2	-47	8.2	RMS	Horizontal

Test Mode : LTE_5M 1RB_Idle_Mid-Channel_Band 7



#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	42.998	-65.57	1.04	-62.53	-57	5.53	RMS	Vertical
2	121.665	-66.66	-5.63	-72.29	-57	15.29	RMS	Vertical
3	210.42	-73.78	-5.82	-79.6	-57	22.6	RMS	Vertical
4	350.876	-81.77	-1.18	-82.95	-57	25.95	RMS	Vertical
5	499.965	-82.93	2.57	-80.36	-57	23.36	RMS	Vertical
6	617.238	-86.97	4.73	-82.24	-57	25.24	RMS	Vertical
7	4931.462	-58.26	-1.92	-60.18	-47	13.18	RMS	Vertical

Test Mode : LTE_5M 1RB_Idle_Mid-Channel_Band 7

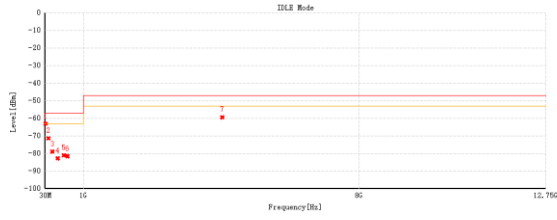


#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	43.774	-71.18	0.14	-71.04	-57	14.04	RMS	Horizontal
2	121.568	-70.67	-5.51	-76.18	-57	19.18	RMS	Horizontal
3	191.311	-70.77	-6.36	-77.13	-57	20.13	RMS	Horizontal
4	276.671	-81.07	-3.66	-84.73	-57	27.73	RMS	Horizontal
5	386.378	-83.57	-0.63	-84.2	-57	27.2	RMS	Horizontal
6	500.062	-85.01	2.48	-82.53	-57	25.53	RMS	Horizontal
7	4930.875	-51.71	-2.01	-53.72	-47	6.72	RMS	Horizontal

Test Mode : LTE_20M 1RB_Idle_Mid-Channel_Band 7

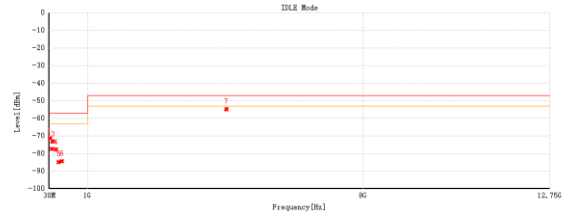
Test Mode : LTE_20M 1RB_Idle_Mid-Channel_Band 7

Vertical



NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	42.707	-63.98	1.02	-62.96	-57	5.96	RMS	Vertical
2	112.838	-67.28	-4.06	-71.34	-57	14.34	RMS	Vertical
3	212.263	-73.18	-5.72	-78.9	-57	21.9	RMS	Vertical
4	348.742	-81.54	-1.19	-82.73	-57	25.73	RMS	Vertical
5	499.965	-83.59	2.57	-81.02	-57	24.02	RMS	Vertical
6	591.824	-84.9	3.4	-81.5	-57	24.5	RMS	Vertical
7	4531.462	-57.44	-1.92	-59.36	-47	12.36	RMS	Vertical

Horizontal

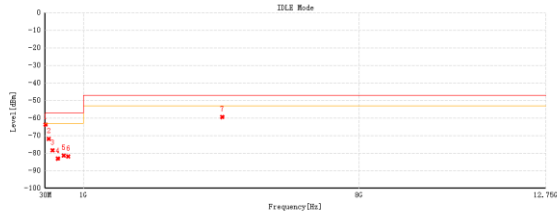


NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	42.095	-71.35	0.15	-71.2	-57	14.2	RMS	Horizontal
2	97.9	-74.3	-3.08	-77.38	-57	20.38	RMS	Horizontal
3	121.859	-67.66	-5.53	-73.19	-57	16.19	RMS	Horizontal
4	201.981	-70.89	-6.67	-77.56	-57	20.56	RMS	Horizontal
5	270.366	-80.95	-3.83	-84.78	-57	27.78	RMS	Horizontal
6	350.391	-82.94	-1.3	-84.24	-57	27.24	RMS	Horizontal
7	4530.875	-52.73	-2.01	-54.74	-47	7.74	RMS	Horizontal

Test Mode : LTE_1.4M 1RB_Idle_Mid-Channel_Band 8

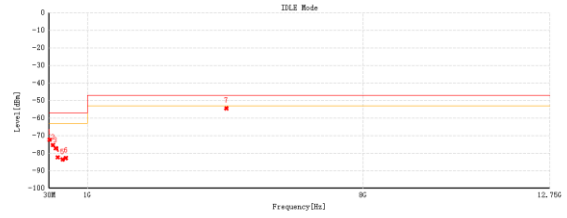
Test Mode : LTE_1.4M 1RB_Idle_Mid-Channel_Band 8

Vertical



NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	43.871	-64.8	1.12	-63.68	-57	6.68	RMS	Vertical
2	120.016	-66.29	-5.54	-71.83	-57	14.83	RMS	Vertical
3	213.427	-72.66	-5.65	-78.31	-57	21.31	RMS	Vertical
4	352.816	-81.9	-1.19	-83.09	-57	26.09	RMS	Vertical
5	499.965	-83.94	2.57	-81.37	-57	24.37	RMS	Vertical
6	613.943	-86.31	4.53	-81.78	-57	24.78	RMS	Vertical
7	4530.875	-57.44	-1.92	-59.36	-47	12.36	RMS	Vertical

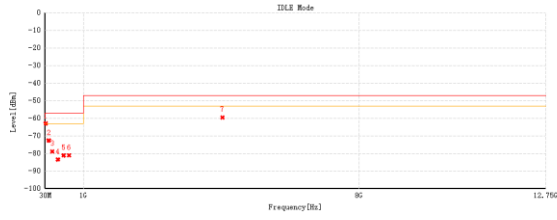
Horizontal



NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	42.901	-72.49	0.15	-72.31	-57	15.31	RMS	Horizontal
2	122.944	-68.8	-5.56	-75.36	-57	18.36	RMS	Horizontal
3	192.475	-76.74	-6.42	-77.16	-57	20.16	RMS	Horizontal
4	244.273	-78.07	-4.22	-82.29	-57	25.29	RMS	Horizontal
5	371.828	-82.66	-0.94	-83.6	-57	26.6	RMS	Horizontal
6	454.957	-83.02	0.23	-82.79	-57	25.79	RMS	Horizontal
7	4531.462	-52.41	-2	-54.41	-47	7.41	RMS	Horizontal

Test Mode : LTE_5M 1RB_Idle_Mid-Channel_
Band 8

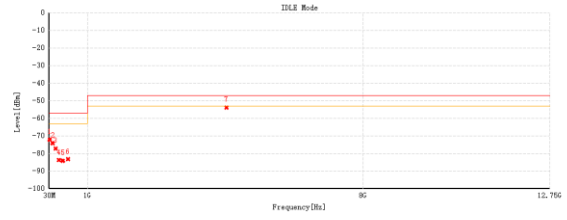
Vertical



NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	43.095	-63.96	1.05	-62.91	-57	5.91	RMS	Vertical
2	120.307	-67.07	-5.56	-72.63	-57	15.63	RMS	Vertical
3	211.681	-73.08	-5.75	-78.83	-57	21.83	RMS	Vertical
4	352.913	-82.23	-1.19	-83.42	-57	26.42	RMS	Vertical
5	499.965	-83.68	2.57	-81.11	-57	24.11	RMS	Vertical
6	634.407	-86.4	5.34	-81.06	-57	24.06	RMS	Vertical
7	4531.462	-57.56	-1.92	-59.48	-47	12.48	RMS	Vertical

Test Mode : LTE_5M 1RB_Idle_Mid-Channel_
Band 8

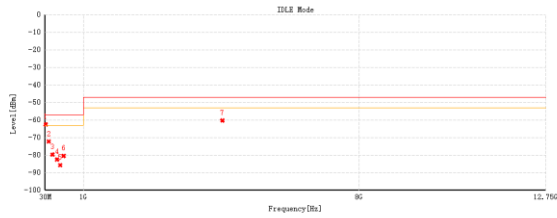
Horizontal



NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	42.319	-72.21	0.16	-72.05	-57	15.05	RMS	Horizontal
2	119.143	-66.75	-5.29	-74.04	-57	17.04	RMS	Horizontal
3	192.766	-70.67	-6.43	-77.1	-57	20.1	RMS	Horizontal
4	276.089	-80.07	-3.68	-83.75	-57	26.75	RMS	Horizontal
5	375.708	-83.22	-0.81	-84.03	-57	27.03	RMS	Horizontal
6	506.852	-85.59	2.42	-83.17	-57	26.17	RMS	Horizontal
7	4531.462	-51.82	-2	-53.82	-47	6.82	RMS	Horizontal

Test Mode : LTE_10M 1RB_Idle_Mid-Channel_
Band 8

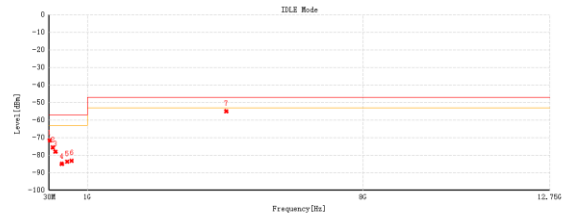
Vertical



NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	43.737	-63.36	0.93	-62.43	-57	5.43	RMS	Vertical
2	122.15	-66.53	-5.66	-72.19	-57	15.19	RMS	Vertical
3	211.778	-73.89	-5.74	-79.63	-57	22.63	RMS	Vertical
4	331.67	-80.44	-1.96	-82.4	-57	25.4	RMS	Vertical
5	413.538	-85.23	-0.41	-85.64	-57	28.64	RMS	Vertical
6	499.965	-83.02	2.57	-80.45	-57	23.45	RMS	Vertical
7	4530.875	-58.3	-1.92	-60.22	-47	13.22	RMS	Vertical

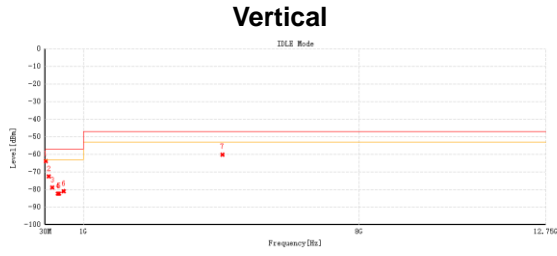
Test Mode : LTE_10M 1RB_Idle_Mid-Channel_
Band 8

Horizontal



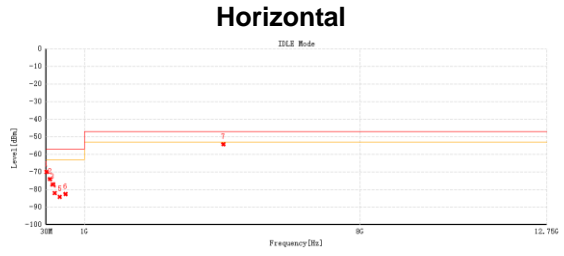
NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	43.289	-71.74	0.15	-71.59	-57	14.59	RMS	Horizontal
2	122.344	-70.02	-5.56	-75.58	-57	18.58	RMS	Horizontal
3	191.505	-71.59	-6.37	-77.95	-57	20.95	RMS	Horizontal
4	350.973	-83.55	-1.3	-84.85	-57	27.85	RMS	Horizontal
5	483.281	-85.67	2.05	-83.62	-57	26.62	RMS	Horizontal
6	600.069	-86.87	3.72	-83.15	-57	26.15	RMS	Horizontal
7	4531.462	-52.95	-2	-54.95	-47	7.95	RMS	Horizontal

Test Mode : LTE_5M 1RB_Idle_Mid-Channel_Band 20



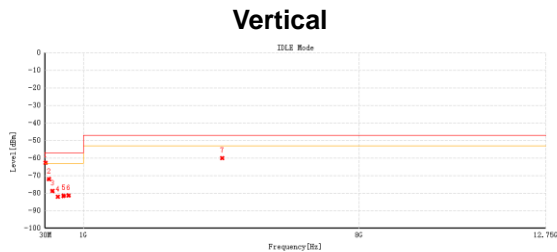
NO.	Freq. [MHz]	Reading[dBm]	Factor[dB]	Level[dBm]	Limit[dBm]	Margin[dB]	Detector	Polarity
1	41.737	-64.78	0.93	-63.85	-57	6.85	RMS	Vertical
2	121.762	-66.88	-5.64	-72.52	-57	15.52	RMS	Vertical
3	211.487	-73.13	-5.76	-78.89	-57	21.89	RMS	Vertical
4	350.003	-81.16	-1.17	-82.33	-57	25.33	RMS	Vertical
5	377.357	-81.6	-0.71	-82.31	-57	25.31	RMS	Vertical
6	500.062	-83.46	2.57	-80.89	-57	23.89	RMS	Vertical
7	4530.875	-58.21	-1.92	-60.13	-47	13.13	RMS	Vertical

Test Mode : LTE_5M 1RB_Idle_Mid-Channel_Band 20



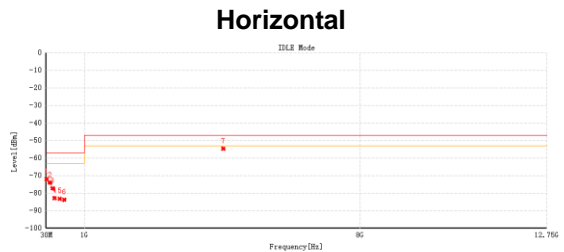
NO.	Freq. [MHz]	Reading[dBm]	Factor[dB]	Level[dBm]	Limit[dBm]	Margin[dB]	Detector	Polarity
1	42.61	-70.12	0.16	-69.96	-57	12.96	RMS	Horizontal
2	123.799	-68.39	-5.67	-74.06	-57	17.06	RMS	Horizontal
3	192.766	-70.62	-6.43	-77.05	-57	20.05	RMS	Horizontal
4	245.631	-77.75	-4.18	-81.93	-57	24.93	RMS	Horizontal
5	376.581	-83.38	-0.78	-84.16	-57	27.16	RMS	Horizontal
6	520.141	-84.86	2.3	-82.56	-57	25.56	RMS	Horizontal
7	4530.875	-52.22	-2.01	-54.23	-47	7.23	RMS	Horizontal

Test Mode : LTE_20M 1RB_Idle_Mid-Channel_Band 20



NO.	Freq. [MHz]	Reading[dBm]	Factor[dB]	Level[dBm]	Limit[dBm]	Margin[dB]	Detector	Polarity
1	42.804	-63.56	1.03	-62.53	-57	5.53	RMS	Vertical
2	121.762	-66.33	-5.64	-71.97	-57	14.97	RMS	Vertical
3	215.27	-73.23	-5.54	-78.77	-57	21.77	RMS	Vertical
4	352.331	-80.76	-1.19	-81.95	-57	24.95	RMS	Vertical
5	499.965	-84.06	2.57	-81.49	-57	24.49	RMS	Vertical
6	623.834	-86.24	5.01	-81.23	-57	24.23	RMS	Vertical
7	4530.875	-58.1	-1.92	-60.02	-47	13.02	RMS	Vertical

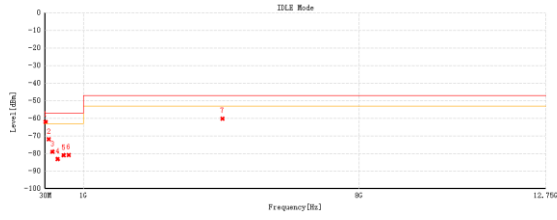
Test Mode : LTE_20M 1RB_Idle_Mid-Channel_Band 20



NO.	Freq. [MHz]	Reading[dBm]	Factor[dB]	Level[dBm]	Limit[dBm]	Margin[dB]	Detector	Polarity
1	43.289	-72.17	0.15	-72.02	-57	15.02	RMS	Horizontal
2	119.919	-68.62	-5.38	-74	-57	17	RMS	Horizontal
3	191.699	-76.86	-6.38	-77.24	-57	20.24	RMS	Horizontal
4	244.758	-78.57	-4.21	-82.78	-57	25.78	RMS	Horizontal
5	375.029	-82.23	-0.83	-83.06	-57	26.06	RMS	Horizontal
6	499.773	-85.92	2.14	-83.78	-57	26.78	RMS	Horizontal
7	4530.875	-52.59	-2.01	-54.6	-47	7.6	RMS	Horizontal

Test Mode : LTE_3M 1RB_Idle_Mid-Channel_
Band 28

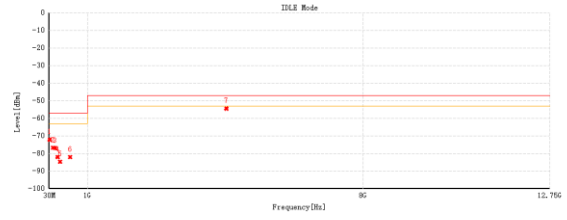
Vertical



NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	42.222	-63.02	0.98	-62.04	-57	5.04	RMS	Vertical
2	120.501	-66.36	-5.57	-71.93	-57	14.93	RMS	Vertical
3	212.36	-73.23	-5.71	-78.94	-57	21.94	RMS	Vertical
4	347.578	-81.87	-1.21	-83.08	-57	26.08	RMS	Vertical
5	500.062	-83.46	2.57	-80.89	-57	23.89	RMS	Vertical
6	625.095	-85.88	5.05	-80.83	-57	23.83	RMS	Vertical
7	4531.462	-58.19	-1.92	-60.11	-47	13.11	RMS	Vertical

Test Mode : LTE_3M 1RB_Idle_Mid-Channel_
Band 28

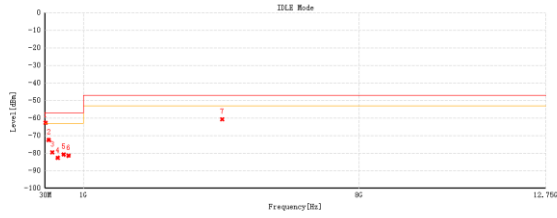
Horizontal



NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	43.386	-72.19	0.15	-72.04	-57	15.04	RMS	Horizontal
2	124.866	-70.92	-5.75	-76.67	-57	19.67	RMS	Horizontal
3	178.41	-66.39	-7.56	-76.95	-57	19.95	RMS	Horizontal
4	246.601	-77.71	-4.16	-81.87	-57	24.87	RMS	Horizontal
5	302.279	-81.68	-2.95	-84.63	-57	27.63	RMS	Horizontal
6	559.232	-84.64	2.69	-81.95	-57	24.95	RMS	Horizontal
7	4530.875	-52.39	-2.01	-54.4	-47	7.4	RMS	Horizontal

Test Mode : LTE_5M 1RB_Idle_Mid-Channel_
Band 28

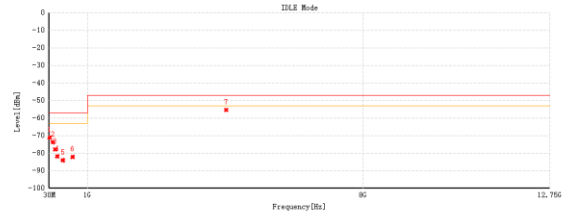
Vertical



NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	42.998	-63.68	1.04	-62.64	-57	5.64	RMS	Vertical
2	119.919	-66.83	-5.52	-72.35	-57	15.35	RMS	Vertical
3	210.711	-73.66	-5.81	-79.47	-57	22.47	RMS	Vertical
4	348.548	-81.39	-1.2	-82.59	-57	25.59	RMS	Vertical
5	499.965	-83.33	2.57	-80.76	-57	23.76	RMS	Vertical
6	626.938	-86.45	5.11	-81.34	-57	24.34	RMS	Vertical
7	4531.462	-58.71	-1.92	-60.63	-47	13.63	RMS	Vertical

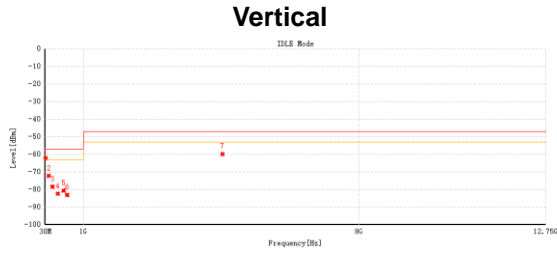
Test Mode : LTE_5M 1RB_Idle_Mid-Channel_
Band 28

Horizontal



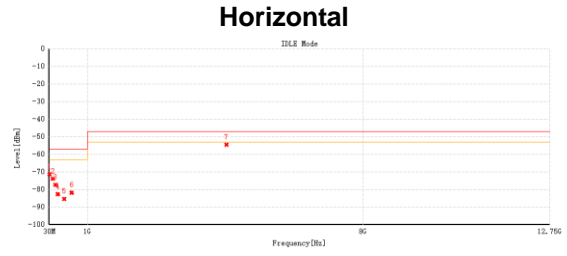
NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	43.483	-71.2	0.14	-71.06	-57	14.06	RMS	Horizontal
2	122.926	-66.09	-5.61	-73.7	-57	16.7	RMS	Horizontal
3	177.925	-70.17	-7.57	-77.74	-57	20.74	RMS	Horizontal
4	234.864	-77.15	-4.64	-81.79	-57	24.79	RMS	Horizontal
5	375.611	-83.18	-0.81	-83.99	-57	26.99	RMS	Horizontal
6	625.289	-87.01	4.94	-82.07	-57	25.07	RMS	Horizontal
7	4531.462	-53.32	-2	-55.32	-47	8.32	RMS	Horizontal

Test Mode : LTE_20M 1RB_Idle_Mid-Channel_Band 28



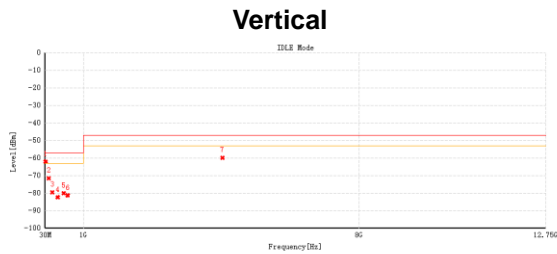
NO.	Freq. [MHz]	Reading[dBm]	Factor[dB]	Level[dBm]	Limit[dBm]	Margin[dB]	Detector	Polarity
1	42.416	-63.25	0.99	-62.26	-57	5.26	RMS	Vertical
2	121.277	-66.59	-5.61	-72.2	-57	15.2	RMS	Vertical
3	212.166	-72.64	-5.72	-78.36	-57	21.36	RMS	Vertical
4	352.622	-81.18	-1.19	-82.37	-57	25.37	RMS	Vertical
5	499.965	-83.11	2.57	-80.54	-57	23.54	RMS	Vertical
6	586.586	-86.26	3.21	-83.05	-57	26.05	RMS	Vertical
7	4530.875	-57.86	-1.92	-59.78	-47	12.78	RMS	Vertical

Test Mode : LTE_20M 1RB_Idle_Mid-Channel_Band 28



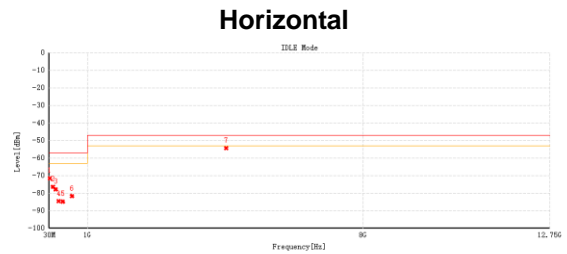
NO.	Freq. [MHz]	Reading[dBm]	Factor[dB]	Level[dBm]	Limit[dBm]	Margin[dB]	Detector	Polarity
1	41.252	-71.5	0.18	-71.32	-57	14.32	RMS	Horizontal
2	121.568	-66.38	-5.51	-73.89	-57	16.89	RMS	Horizontal
3	191.214	-70.96	-6.35	-77.31	-57	20.31	RMS	Horizontal
4	252.421	-78.57	-4.07	-82.64	-57	25.64	RMS	Horizontal
5	410.919	-84.96	-0.36	-85.32	-57	28.32	RMS	Horizontal
6	600.748	-85.5	3.76	-81.74	-57	24.74	RMS	Horizontal
7	4531.462	-52.53	-2	-54.53	-47	7.53	RMS	Horizontal

Test Mode : LTE_5M 1RB_Idle_Mid-Channel_Band 38



NO.	Freq. [MHz]	Reading[dBm]	Factor[dB]	Level[dBm]	Limit[dBm]	Margin[dB]	Detector	Polarity
1	42.028	-62.9	0.99	-61.94	-57	4.94	RMS	Vertical
2	120.016	-65.95	-5.54	-71.49	-57	14.49	RMS	Vertical
3	211.196	-73.68	-5.78	-79.46	-57	22.46	RMS	Vertical
4	349.518	-81.07	-1.18	-82.25	-57	25.25	RMS	Vertical
5	499.965	-82.6	2.57	-80.03	-57	23.03	RMS	Vertical
6	601.039	-85.03	3.77	-81.26	-57	24.26	RMS	Vertical
7	4530.875	-57.89	-1.92	-59.81	-47	12.81	RMS	Vertical

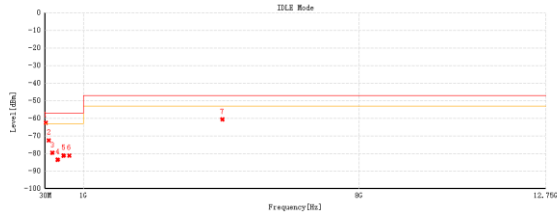
Test Mode : LTE_5M 1RB_Idle_Mid-Channel_Band 38



NO.	Freq. [MHz]	Reading[dBm]	Factor[dB]	Level[dBm]	Limit[dBm]	Margin[dB]	Detector	Polarity
1	43.774	-71.6	0.14	-71.46	-57	14.46	RMS	Horizontal
2	124.575	-70.69	-5.73	-76.42	-57	19.42	RMS	Horizontal
3	199.556	-71.03	-6.78	-77.81	-57	20.81	RMS	Horizontal
4	270.754	-80.69	-3.82	-84.51	-57	27.51	RMS	Horizontal
5	374.835	-83.86	-0.84	-84.7	-57	27.7	RMS	Horizontal
6	611.709	-85.97	4.25	-81.62	-57	24.62	RMS	Horizontal
7	4531.462	-52.32	-2	-54.32	-47	7.32	RMS	Horizontal

Test Mode : LTE_20M 1RB_Idle_Mid-Channel_Band 38

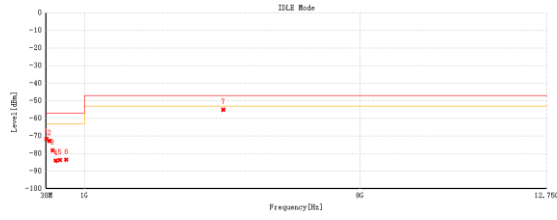
Vertical



NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	42.416	-63.45	0.99	-62.46	-57	5.46	RMS	Vertical
2	119.919	-66.87	-5.52	-72.39	-57	15.39	RMS	Vertical
3	210.129	-73.77	-5.84	-79.61	-57	22.61	RMS	Vertical
4	350.488	-82.32	-1.17	-83.49	-57	26.49	RMS	Vertical
5	499.965	-83.73	2.57	-81.16	-57	24.16	RMS	Vertical
6	641.197	-86.68	5.52	-81.16	-57	24.16	RMS	Vertical
7	4531.462	-58.63	-1.92	-60.55	-47	13.55	RMS	Vertical

Test Mode : LTE_20M 1RB_Idle_Mid-Channel_Band 38

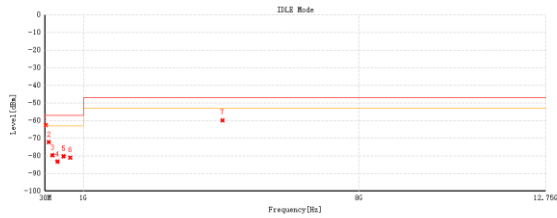
Horizontal



NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	41.931	-71.84	0.17	-71.67	-57	14.67	RMS	Horizontal
2	118.397	-67.49	-5.21	-72.7	-57	15.7	RMS	Horizontal
3	192.378	-71.73	-6.41	-78.14	-57	21.14	RMS	Horizontal
4	274.44	-80.37	-3.72	-84.09	-57	27.09	RMS	Horizontal
5	381.043	-82.91	-0.66	-83.57	-57	26.57	RMS	Horizontal
6	539.056	-85.89	2.41	-83.48	-57	26.48	RMS	Horizontal
7	4530.875	-53.04	-2.01	-55.05	-47	8.05	RMS	Horizontal

Test Mode : LTE_5M 1RB_Idle_Mid-Channel_Band 40

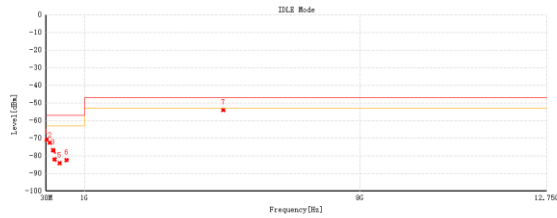
Vertical



NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	43.289	-63.59	1.07	-62.49	-57	5.49	RMS	Vertical
2	120.397	-66.71	-5.56	-72.27	-57	15.27	RMS	Vertical
3	213.912	-73.96	-5.62	-79.58	-57	22.58	RMS	Vertical
4	340.503	-81.89	-1.54	-83.23	-57	26.23	RMS	Vertical
5	499.965	-82.74	2.57	-80.17	-57	23.17	RMS	Vertical
6	666.32	-86.32	5.22	-81.1	-57	24.1	RMS	Vertical
7	4531.462	-57.89	-1.92	-59.81	-47	12.81	RMS	Vertical

Test Mode : LTE_5M 1RB_Idle_Mid-Channel_Band 40

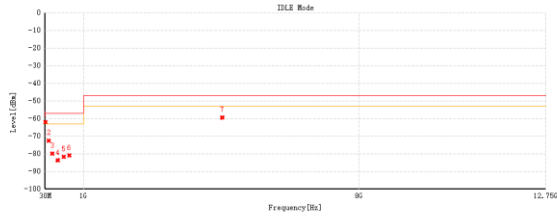
Horizontal



NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	42.707	-70.89	0.16	-70.73	-57	13.73	RMS	Horizontal
2	121.18	-67.07	-5.48	-72.55	-57	15.55	RMS	Horizontal
3	202.466	-70.15	-6.64	-76.79	-57	19.79	RMS	Horizontal
4	240.694	-77.67	-4.32	-81.99	-57	24.99	RMS	Horizontal
5	372.119	-83.12	-0.93	-84.05	-57	27.05	RMS	Horizontal
6	548.077	-84.85	2.41	-82.44	-57	25.44	RMS	Horizontal
7	4530.875	-51.91	-2.01	-53.92	-47	6.92	RMS	Horizontal

Test Mode : LTE_20M 1RB_Idle_Mid-Channel_Band 40

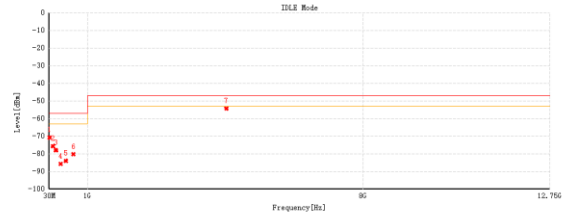
Vertical



#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	42.125	-62.96	0.97	-61.99	-57	4.99	RMS	Vertical
2	121.083	-66.82	-5.6	-72.42	-57	15.42	RMS	Vertical
3	210.711	-73.99	-5.81	-79.8	-57	22.8	RMS	Vertical
4	348.548	-82.4	-1.2	-83.6	-57	26.6	RMS	Vertical
5	499.965	-84.17	2.57	-81.6	-57	24.6	RMS	Vertical
6	641.1	-86.39	5.52	-80.87	-57	23.87	RMS	Vertical
7	4530.875	-57.44	-1.92	-59.36	-47	12.36	RMS	Vertical

Test Mode : LTE_20M 1RB_Idle_Mid-Channel_Band 40

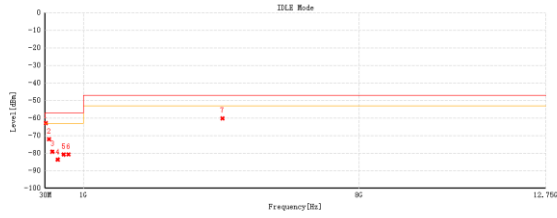
Horizontal



#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	42.901	-70.82	0.15	-70.67	-57	13.67	RMS	Horizontal
2	123.605	-69.93	-5.65	-75.58	-57	18.58	RMS	Horizontal
3	201.787	-71.16	-6.68	-77.84	-57	20.84	RMS	Horizontal
4	319.739	-83.04	-2.67	-85.71	-57	28.71	RMS	Horizontal
5	454.472	-84.09	0.21	-83.88	-57	26.88	RMS	Horizontal
6	644.301	-85.51	5.34	-80.17	-57	23.17	RMS	Horizontal
7	4530.875	-52.22	-2.01	-54.23	-47	7.23	RMS	Horizontal

Test Mode : LTE_5M 1RB_Idle_Mid-Channel_Band 42

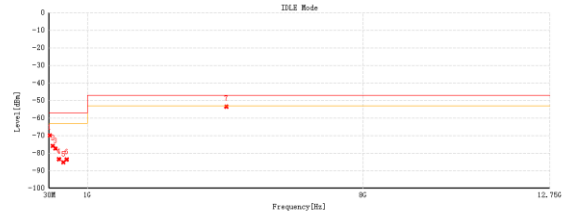
Vertical



#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	43.192	-63.92	1.09	-62.83	-57	5.83	RMS	Vertical
2	121.782	-66.35	-5.64	-71.99	-57	14.99	RMS	Vertical
3	213.136	-73.43	-5.66	-79.09	-57	22.09	RMS	Vertical
4	348.16	-82.39	-1.2	-83.59	-57	26.59	RMS	Vertical
5	499.965	-83.35	2.57	-80.78	-57	23.78	RMS	Vertical
6	621.991	-85.62	4.95	-80.67	-57	23.67	RMS	Vertical
7	4530.875	-58.2	-1.92	-60.12	-47	13.12	RMS	Vertical

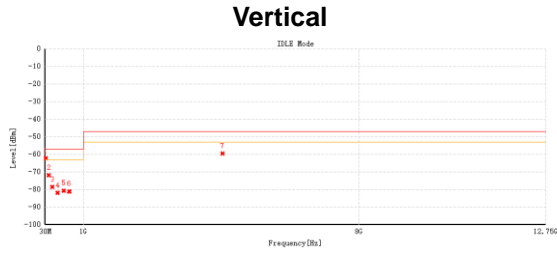
Test Mode : LTE_5M 1RB_Idle_Mid-Channel_Band 42

Horizontal



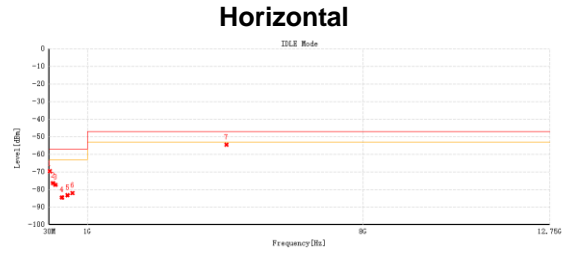
#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	43.59	-69.9	0.14	-69.76	-57	12.76	RMS	Horizontal
2	121.782	-70.26	-5.52	-75.78	-57	18.78	RMS	Horizontal
3	191.99	-76.92	-6.39	-77.31	-57	20.31	RMS	Horizontal
4	277.253	-78.81	-3.64	-82.45	-57	25.45	RMS	Horizontal
5	388.997	-84.47	-0.63	-85.08	-57	28.08	RMS	Horizontal
6	476.588	-85.31	1.71	-83.6	-57	26.6	RMS	Horizontal
7	4530.875	-51.42	-2.01	-53.43	-47	6.43	RMS	Horizontal

Test Mode : LTE_20M 1RB_Idle_Mid-Channel_Band 42



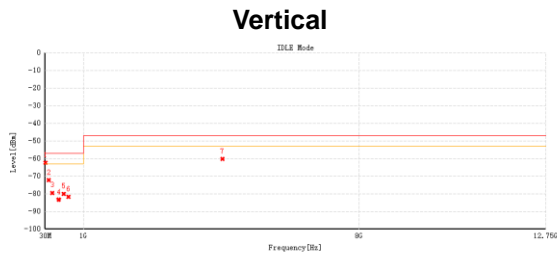
NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	41.64	-63.09	0.92	-62.17	-57	5.17	RMS	Vertical
2	121.762	-66.25	-5.64	-71.89	-57	14.89	RMS	Vertical
3	210.711	-72.75	-5.81	-78.56	-57	21.56	RMS	Vertical
4	345.347	-80.64	-1.25	-81.89	-57	24.89	RMS	Vertical
5	500.062	-83.24	2.57	-80.67	-57	23.67	RMS	Vertical
6	642.264	-86.59	5.53	-81.06	-57	24.06	RMS	Vertical
7	4531.462	-57.6	-1.92	-59.52	-47	12.52	RMS	Vertical

Test Mode : LTE_20M 1RB_Idle_Mid-Channel_Band 42



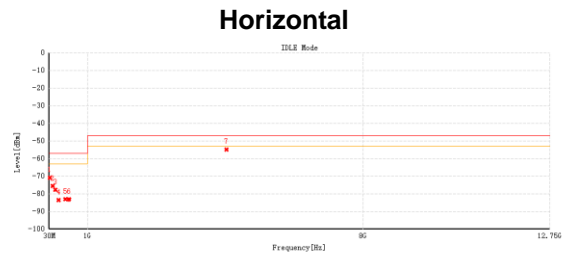
NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	43.483	-69.69	0.14	-69.55	-57	12.55	RMS	Horizontal
2	125.836	-70.62	-5.82	-76.44	-57	19.44	RMS	Horizontal
3	190.438	-70.95	-6.31	-77.26	-57	20.26	RMS	Horizontal
4	352.816	-83.18	-1.31	-84.49	-57	27.49	RMS	Horizontal
5	499.965	-85.65	2.48	-83.17	-57	26.17	RMS	Horizontal
6	623.349	-86.82	4.89	-81.93	-57	24.93	RMS	Horizontal
7	4530.875	-52.49	-2.01	-54.5	-47	7.5	RMS	Horizontal

Test Mode : LTE_5M 1RB_Idle_Mid-Channel_Band 43



NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	42.222	-63.31	0.98	-62.33	-57	5.33	RMS	Vertical
2	120.21	-66.65	-5.55	-72.2	-57	15.2	RMS	Vertical
3	210.129	-73.54	-5.64	-79.38	-57	22.38	RMS	Vertical
4	375.029	-82.52	-0.78	-83.3	-57	26.3	RMS	Vertical
5	499.965	-82.57	2.57	-80	-57	23	RMS	Vertical
6	622.47	-86.61	4.97	-81.64	-57	24.64	RMS	Vertical
7	4530.875	-58.28	-1.92	-60.2	-47	13.2	RMS	Vertical

Test Mode : LTE_5M 1RB_Idle_Mid-Channel_Band 43

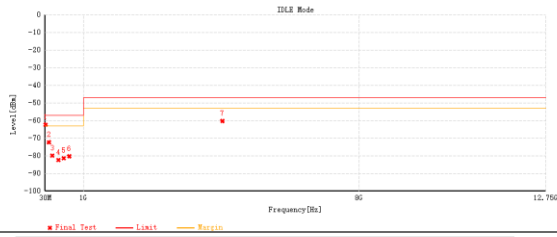


NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	42.414	-70.93	0.16	-70.77	-57	13.77	RMS	Horizontal
2	118.076	-70.32	-5.18	-75.5	-57	18.5	RMS	Horizontal
3	189.953	-71.35	-6.3	-77.65	-57	20.65	RMS	Horizontal
4	271.239	-78.61	-3.81	-82.42	-57	25.42	RMS	Horizontal
5	440.796	-82.88	0	-82.88	-57	25.88	RMS	Horizontal
6	531.293	-85.51	2.37	-83.14	-57	26.14	RMS	Horizontal
7	4530.875	-52.79	-2.01	-54.8	-47	7.8	RMS	Horizontal

Test Mode : LTE_20M 1RB_Idle_Mid-Channel_
Band 43

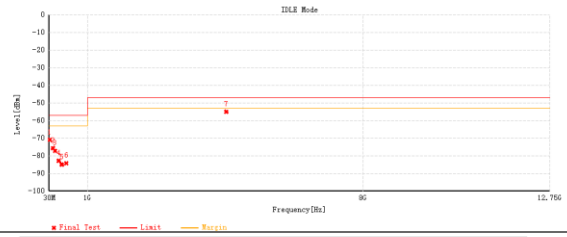
Test Mode : LTE_20M 1RB_Idle_Mid-Channel_
Band 43

Vertical



NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	41.854	-63.23	0.94	-62.29	-57	5.29	RMS	Vertical
2	122.15	-66.62	-5.66	-72.28	-57	15.28	RMS	Vertical
3	209.45	-73.98	-5.88	-79.86	-57	22.86	RMS	Vertical
4	367.172	-81.29	-1.03	-82.32	-57	25.32	RMS	Vertical
5	499.965	-83.89	2.57	-81.32	-57	24.32	RMS	Vertical
6	640.033	-85.77	5.52	-80.25	-57	23.25	RMS	Vertical
7	4031.462	-58.32	-1.92	-60.24	-47	13.24	RMS	Vertical

Horizontal



NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	41.854	-71.01	0.17	-70.84	-57	13.84	RMS	Horizontal
2	124.09	-66.88	-5.69	-72.57	-57	18.57	RMS	Horizontal
3	178.216	-66.53	-7.56	-77.09	-57	20.09	RMS	Horizontal
4	271.433	-78.93	-3.8	-82.73	-57	25.73	RMS	Horizontal
5	350.876	-83.54	-1.3	-84.84	-57	27.84	RMS	Horizontal
6	463.784	-84.85	0.73	-84.12	-57	27.12	RMS	Horizontal
7	4030.875	-52.91	-2.01	-54.92	-47	7.92	RMS	Horizontal

5. MEASUREMENT INSTRUMENTS LIST

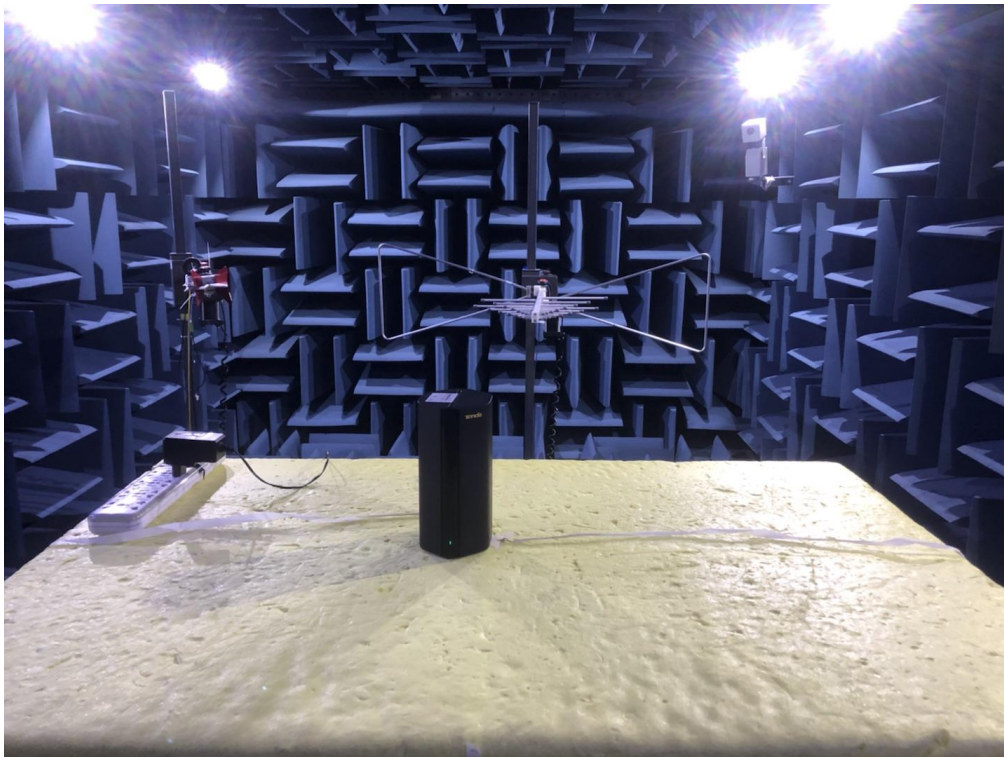
DETAILS FOR RADIATED EMISSIONS					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarzbeck	VULB9160	9160-3231	Apr. 18, 2023
2	Amplifier	HP	8447D	2944A08908	Jan. 22, 2023
3	Controller	ETS-Lindgren	2090	N/A	N/A
4	Double-Ridged Waveguide Horn Antennas	ETS-LINDGREN	3117-PA	224172	Sep. 18, 2022
5	Preamplifier	ETS-LINDGREN	3117-PA	224172	Jul. 03, 2023
6	Automatic switching unit of high and low frequency line wave device	Tonscend	JS0806-F	20E8060252	N/A
7	FSV Signal Analyzer	R&S	FSV7	101908	Jan. 22, 2023
8	FSV Signal Analyzer	R&S	FSV40	101423	Jul. 03, 2023
9	Measurement Software	Tonscend	JS36-RSE 2.5.1.5	N/A	N/A
10	wideband radio communication tester	R&S	CMW500	152372	Mar. 13, 2023

Remark: "N/A" denotes no model name, serial no. or calibration specified.

All calibration period of equipment list is one year.

6. EUT TEST PHOTO

Radiated Emissions Test Photos



End of Test Report