

# Inter Band EN-DC with FR1/SA

## 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.  
**Address** : 6-8 Floor, Tower E3, No. 1001, Zhongshanyuan Road, Nanshan District, Shenzhen, China. 518052  
**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 TS 138.521-1 V16.6.0 (2020-12)  
ETSI TS 138.521-3 V16.6.0 (2020-12)

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

*Edward Li*

Prepared by : Edward Li

*Steven Lu*

Approved by : Steven Lu



TESTING CERT #5123.02

**BTL Inc.**

No. 3 Jinshagang 1st Rd. Shixia, Dalang Town Dongguan City, Guangdong 523792 People's Republic of China.

Tel: +86-769-8318-3000    Web: [www.newbtl.com](http://www.newbtl.com)    Service mail: [btl\\_qa@newbtl.com](mailto:btl_qa@newbtl.com)

**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).

**BTL's** reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **BTL** shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **BTL** issued reports.

The report must not be used by the client to claim product certification, approval, or endorsement by NIST, A2LA, or any agency of the U.S. Government.

This report is the confidential property of the client. As a mutual protection to the clients, the public and ourselves, the test report shall not be reproduced, except in full, without our written approval.

**BTL's** laboratory quality assurance procedures are in compliance with the **ISO/IEC 17025** requirements, and accredited by the conformity assessment authorities listed in this test report.

**BTL** is not responsible for the sampling stage, so the results only apply to the sample as received.

The information, data and test plan are provided by manufacturer which may affect the validity of results, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements of applied standards and in all the possible configurations as representative of its intended use.

**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.

<b>Table of Contents</b>	<b>Page</b>
REPORT ISSUED HISTORY	4
1 . TEST SUMMARY	5
2 . TEST ENVIRONMENT AND DESCRIPTION	8
2.1 TEST FACILITY	8
2.2 MEASUREMENT UNCERTAINTY	8
3 . GENERAL INFORMATION	9
3.1 GENERAL DESCRIPTION OF EUT	9
3.2 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED	15
3.3 DESCRIPTION OF SUPPORT UNITS	15
3.4 EUT OPERATING CONDITIONS	15
4 . RADIATED EMISSIONS (UE)	16
4.1 LIMITS	16
4.2 CONFORMANCE	16
4.3 TEST CONDITION	17
4.4 TEST PROCEDURE	18
4.5 TEST CONDITIONS	19
4.6 RADIATED EMISSIONS TRAFFIC MODE MEASUREMENT (UE) RESULTS	20
4.7 RADIATED EMISSIONS IDLE MODE MEASUREMENT (UE) RESULTS	37
5 . MEASUREMENT INSTRUMENTS LIST	54
6 . EUT TEST PHOTO	55

**REPORT ISSUED HISTORY**

Report No.	Version	Description	Issued Date	Note
BTL-ETSP-5-2207C142	R00	Original Report.	Sep. 09, 2022	Invalid
BTL-ETSP-5-2207C142	R01	Updated the antenna gain.	Sep. 14, 2022	Valid

**1. TEST SUMMARY**

Applied Standard: ETSI EN 301 908-1 V15.1.1 (2021-09)			
Sub clause	Description of Test	Verdict	Note
4.2.2	Radiated Emissions (UE)	Pass	-
4.2.4	Control and monitoring functions (UE)	Pass	(1)

Applied Standard: ETSI TS 138.521-1 V16.6.0 (2020-12)			
Sub clause	Description of Test	Verdict	Note
6.2.1	UE Maximum Output Power	Pass	(1)
6.3.1	Minimum output power	Pass	(1)
6.3.2	Transmit OFF Power	Pass	(1)
6.5.2.2	Spectrum emissions mask	Pass	(1)
6.5.2.3	Additional spectrum emissions mask	Pass	-
6.5.2.4	Adjacent channel leakage ratio	Pass	(1)
6.5.3.1	Spurious Emissions	General spurious emissions	Pass (1)
6.5.3.2		Spurious emission band UE co-existence	Pass (1)
6.5.3.3		Additional Spurious Emissions	Pass (1)
7.3	Reference sensitivity	Pass	(1)
7.5	Adjacent Channel Selectivity	Pass	(1)
7.6.2 7.6.3 7.6.4	Receiver Blocking Characteristics	Inband blocking	Pass (1)
		Out-of-band blocking	Pass (1)
		Narrow band blocking	Pass (1)
7.7	Spurious Response	Pass	(1)
7.8	Wideband Intermodulation	Pass	(1)
7.9	Spurious Emissions	Pass	(1)

Applied Standard: ETSI TS 138.521-3 V16.6.0 (2020-12)				
Sub clause	Description of Test		Verdict	Note
6.2B.1.3	UE Maximum Output Power		Pass	(1)
6.3B.1.3	Minimum output power		N/A	-
6.3.2	Transmit OFF Power		N/A	-
6.5B.2.3.1	Spectrum emissions mask		N/A	-
6.5B.2.3.2	Additional spectrum emissions mask		N/A	-
6.5B.2.3.3	Adjacent channel leakage ratio		Pass	-
6.5B.3.3.1	Spurious Emissions	General spurious emissions	Pass	(1)
6.5B.3.3.2		Spurious emission band UE co-existence	Pass	(1)
6.5B.4.3		Additional Spurious Emissions	Pass	(1)
7.3B.2.3	Reference sensitivity		Pass	(1)
7.5B.3	Adjacent Channel Selectivity		N/A	-
7.6B.2.3	Receiver Blocking Characteristics	Inband blocking	N/A	-
7.6B.3.3		Out-of-band blocking	Pass	(1)
7.6B.4.3		Narrow band blocking	N/A	-
7.7B.3	Spurious Response		N/A	(1)
7.8B.2.3	Wideband Intermodulation		Pass	(1)
7.9B.3	Spurious Emissions		N/A	-

**Note:**

- For the verdict, the "N/A" denotes "not applicable", the "N/T" denotes "not tested".
- EUT Orthogonal Axis:  
 "X" - denotes Laid on Table; "Y" - denotes Vertical Stand; "Z" - denotes Side Stand.
- According to 38.521-3 section 4.5 (2) The applicability and test coverage rules for Standalone (SA) and NSA capable devices shall include the following:
  - For each NR band in a device, test all the EN-DC exception test requirements as per test procedures in TS 38.521-3.
  - Test all the Standalone FR2 test requirements as per test procedures in TS 38.521-2 [9] for each NR band.  
 This also fulfils coverage for all non-exception EN-DC FR2 test requirements for that NR band and need not be retested. If Standalone FR2 cannot be tested (due to test case not being complete), then test in EN-DC mode following (1)(b) above.
  - Test all the Standalone FR1 test requirements as per test procedures in TS 38.521-1 [8] for each NR band.  
 This also fulfils coverage for all non-exception EN-DC FR1 test requirements for that NR band and need not be retested. If Standalone FR1 cannot be tested (due to test case not being complete), then test in EN-DC mode following (1)(c) above.

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	n1
			5.45	n3
			1.55	n5
			5.45	n7
			1.55	n8
			1.55	n20
			1.30	n28
			5.45	n38
			5.45	n40
			5.45	n41
			5.93	n77
5.93	n78			

- (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.

5. Normative References:

{Draft}ETSI EN 301 908-25 V15.1.1\_15.0.3 (2020-10)  
ETSI TS 38.101-1 V16.6.0 (2020-12)  
ETSI TS 38.101-3 V16.6.0 (2020-12)  
ETSI TS 38.508-1 V16.6.0 (2020-12)

Note: The standards in note 5 are the reference standards for the standards shown on page 1, and all of them are not listed in the A2LA scope.

## 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 %,  $U=2xUc(y)$

Parameter	Uncertainty
Spurious Emissions, Radiated $30 \text{ MHz} \leq f \leq 1000 \text{ MHz}$	$\pm 3.58 \text{ dB}$
Spurious Emissions, Radiated $1000 \text{ MHz} < f \leq 18 \text{ GHz}$	$\pm 3.78 \text{ dB}$
Spurious Emissions, Radiated $18 \text{ GHz} < f \leq 26.5 \text{ GHz}$	$\pm 4.14 \text{ dB}$

### 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. 1# Model: BN026-A24012E (EU) 2# Model: BN026-A24012B (UK) Only differ in plug.	
Power Rating	I/P: 100-240V~ 50/60Hz 0.7A    O/P: 12.0V  2.0A 24W	
Modulation Type	DFT-s-OFDM PI/2 BPSK	
	DFT-s-OFDM QPSK	CP-OFDM QPSK
	DFT-s-OFDM 16QAM	CP-OFDM 16QAM
	DFT-s-OFDM 64QAM	CP-OFDM 64QAM
	DFT-s-OFDM 256QAM	CP-OFDM 256QAM
Operation Bands	SA: n1 / n3 / n5 / n7 / n8 / n20 / n28 / n38 / n40 / n41 / n77 / n78	
	DC_3A_n7A	
	DC_1A_n28A / DC_3A_n28A / DC_7A_n28A / DC_20A_n28A	
	DC_1A_n40A / DC_3A_n40A / DC_8A_n40A	
	DC_1A_n77A / DC_3A_n77A / DC_8A_n77A / DC_20A_n77A / DC_28A_n77A / DC_40A_n77A	
	DC_1A_n78A / DC_3A_n78A / DC_7A_n78A / DC_8A_n78A / DC_20A_n78A / DC_28A_n78A / DC_38A_n78A	
Operation Frequency Bands	Band n1: Uplink: 1920-1980 MHz, Downlink: 2110-2170 MHz Band n3: Uplink: 1710-1785 MHz, Downlink: 1805-1880 MHz Band n5: Uplink: 824-849 MHz, Downlink: 869-894 MHz Band n7: Uplink: 2500-2570 MHz, Downlink: 2620-2690 MHz Band n8: Uplink: 880-915 MHz, Downlink: 925-960 MHz Band n20: Uplink: 832-862 MHz, Downlink: 791-821 MHz Band n28: Uplink: 703-748 MHz, Downlink: 758-803 MHz Band n38: Uplink: 2570-2620 MHz, Downlink: 2570-2620 MHz Band n40: Uplink: 2300-2400 MHz, Downlink: 2300-2400 MHz Band n41: Uplink: 2496-2690 MHz, Downlink: 2496-2690 MHz Band n77: Uplink: 3300-4200 MHz, Downlink: 3300-4200 MHz Band n78: Uplink: 3300-3800 MHz, Downlink: 3300-3800 MHz	
Bandwidth for n1	5MHz, 10MHz, 15MHz, 20MHz, 30MHz, 40MHz, 50MHz	
Bandwidth for n3	5MHz, 10MHz, 15MHz, 20MHz, 25MHz, 30MHz	
Bandwidth for n5	5MHz, 10MHz, 15MHz, 20MHz	
Bandwidth for n7	5MHz, 10MHz, 15MHz, 20MHz	
Bandwidth for n8	5MHz, 10MHz, 15MHz, 20MHz	
Bandwidth for n20	5MHz, 10MHz, 15MHz, 20MHz	
Bandwidth for n28	5MHz, 10MHz, 15MHz, 20MHz, 30MHz	
Bandwidth for n38	10MHz, 15MHz, 20MHz	
Bandwidth for n40	10MHz, 20MHz, 30MHz, 40MHz, 50MHz, 60MHz, 80MHz	
Bandwidth for n41	10MHz, 20MHz, 30MHz, 40MHz, 50MHz, 60MHz, 80MHz, 90MHz, 100MHz	
Bandwidth for n77	10MHz, 20MHz, 40MHz, 50MHz, 60MHz, 70MHz, 80MHz, 90MHz, 100MHz	
Bandwidth for n78	10MHz, 20MHz, 40MHz, 50MHz, 60MHz, 70MHz, 80MHz, 90MHz, 100MHz	
SCS	FDD	15KHz
	TDD	30KHz
Power Class	2	n41 / n77 / n78
	3	n1 / n3 / n5 / n7 / n8 / n20 / n28 / n38 / n40 / n41 / n77 / n78
IMEI NO.	Radiated	869263050070535

## Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.

## 2. Channel List:

5G NR n1 (1920-1980MHz)						
Bandwidth	Low Channel	Mid Channel	High Channel	Low Frequency	Mid Frequency	High Frequency
5	384500	390000	395500	1922.5	1950	1977.5
10	385000	390000	395000	1925	1950	1975
15	385500	390000	394500	1927.5	1950	1972.5
20	386000	390000	394000	1930	1950	1970
30	387000	390000	393000	1935	1950	1965
40	388000	390000	392000	1940	1950	1960
50	389000	390000	391000	1945	1950	1955

5G NR n3 (1710-1785MHz)						
Bandwidth	Low Channel	Mid Channel	High Channel	Low Frequency	Mid Frequency	High Frequency
5	342500	349500	356500	1712.5	1747.5	1782.5
10	343000	349500	356000	1715	1747.5	1780
15	343500	349500	355500	1717.5	1747.5	1777.5
20	344000	349500	355000	1720	1747.5	1775
25	344500	349500	354500	1722.5	1747.5	1772.5
30	345000	349500	354000	1725	1747.5	1770

5G NR n5 (824-849MHz)						
Bandwidth	Low Channel	Mid Channel	High Channel	Low Frequency	Mid Frequency	High Frequency
5	165300	167300	169300	826.5	836.5	846.5
10	165800	167300	168800	829	836.5	844
15	166300	167300	168300	831.5	836.5	841.5
20	166800	167300	167800	834	836.5	839

5G NR n7 (2500-2570MHz)						
Bandwidth	Low Channel	Mid Channel	High Channel	Low Frequency	Mid Frequency	High Frequency
5	500500	507000	513500	2502.5	2535	2567.5
10	501000	507000	513000	2505	2535	2565
15	501500	507000	512500	2507.5	2535	2562.5
20	502000	507000	512000	2510	2535	2560

5G NR n8 (880-915MHz)						
Bandwidth	Low Channel	Mid Channel	High Channel	Low Frequency	Mid Frequency	High Frequency
5	176500	179500	182500	882.5	897.5	912.5
10	177000	179500	182000	885	897.5	910
15	177500	179500	181500	887.5	897.5	907.5
20	178000	179500	181000	890	897.5	905

5G NR n20 (832-862MHz)						
Bandwidth	Low Channel	Mid Channel	High Channel	Low Frequency	Mid Frequency	High Frequency
5	166900	169400	171900	834.5	847	859.5
10	167400	169400	171400	837	847	857
15	167900	169400	170900	839.5	847	854.5
20	168400	169400	170400	842	847	852

5G NR n28 (703-748MHz)						
Bandwidth	Low Channel	Mid Channel	High Channel	Low Frequency	Mid Frequency	High Frequency
5	141100	145100	149100	705.5	725.5	745.5
10	141600	145100	148600	708	725.5	743
15	142100	145100	148100	710.5	725.5	740.5
20	142600	145100	147600	713	725.5	738
30	143600	/	146600	718	/	733

5G NR n38 (2570-2620MHz)						
Bandwidth	Low Channel	Mid Channel	High Channel	Low Frequency	Mid Frequency	High Frequency
10	515000	519000	523000	2575	2595	2615
15	515500	519000	522500	2577.5	2595	2612.5
20	516000	519000	522000	2580	2595	2610

5G NR n40 (2300-2400MHz)						
Bandwidth	Low Channel	Mid Channel	High Channel	Low Frequency	Mid Frequency	High Frequency
10	461000	470000	479000	2305	2350	2395
20	462000	470000	478000	2310	2350	2390
30	463000	470000	477000	2315	2350	2385
40	464000	470000	476000	2320	2350	2380
50	465000	470000	475000	2325	2350	2375
60	466000	470000	474000	2330	2350	2370
80	468000	470000	472000	2340	2350	2360

5G NR n41 (2496-2690MHz)						
Bandwidth	Low Channel	Mid Channel	High Channel	Low Frequency	Mid Frequency	High Frequency
10	500202	518598	537000	2501.01	2592.99	2685
20	501204	518598	535998	2506.02	2592.99	2679.99
30	502200	518598	534996	2511	2592.99	2674.98
40	503202	518598	534000	2516.01	2592.99	2670
50	504204	518598	532998	2521.02	2592.99	2664.99
60	505200	518598	531996	2526	2592.99	2659.98
80	507204	518598	529998	2536.02	2592.99	2649.99
90	508200	518598	528996	2541	2592.99	2644.98
100	509202	518598	528000	2546.01	2592.99	2640

5G NR n77 (3300-4200MHz)						
Bandwidth	Low Channel	Mid Channel	High Channel	Low Frequency	Mid Frequency	High Frequency
10	620334	650000	679666	3305.01	3750	4194.99
20	620668	650000	679332	3310.02	3750	4189.98
40	621334	650000	678666	3320.01	3750	4179.99
50	621668	650000	678332	3325.02	3750	4174.98
60	622000	650000	678000	3330	3750	4170
70	622334	650000	677666	3335.01	3750	4164.99
80	622668	650000	677332	3340.02	3750	4159.98
90	623000	650000	677000	3345	3750	4155
100	623334	650000	676666	3350.01	3750	4149.99

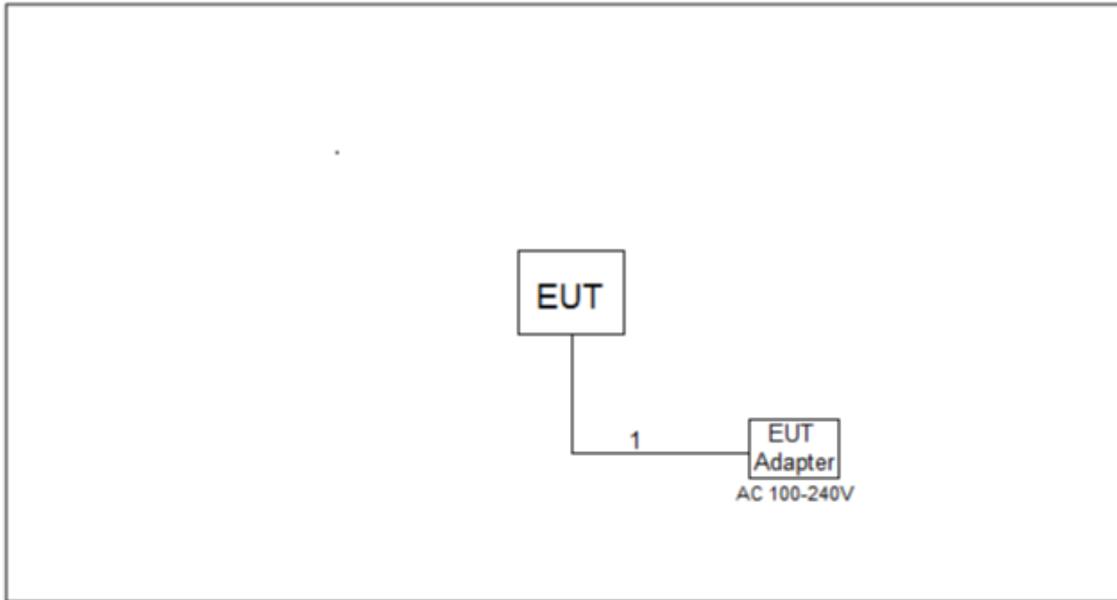
5G NR n78 (3300-3800MHz)						
Bandwidth	Low Channel	Mid Channel	High Channel	Low Frequency	Mid Frequency	High Frequency
10	620334	636666	653000	3305.01	3549.99	3795
20	620668	636666	652666	3310.02	3549.99	3789.99
40	621334	636666	652000	3320.01	3549.99	3780
50	621668	636666	651666	3325.02	3549.99	3774.99
60	622000	636666	651332	3330	3549.99	3769.98
70	622334	636666	651000	3335.01	3549.99	3765
80	622668	636666	650666	3340.02	3549.99	3759.99
90	623000	636666	650332	3345	3549.99	3754.98
100	623334	636666	650000	3350.01	3549.99	3750

3. RB allocation:

Channel Bandwidth	SCS(kHz)	OFDM	RB allocation							
			Edge_Full_Left (Note 2)	Edge_Full_Right (Note 2)	Edge_1RB_Left	Edge_1RB_Right	Outer_Full	Inner_Full	Inner_1RB_Left	Inner_1RB_Right
5MHz	15	DFT-s	2@0	2@23	1@0	1@24	25@0	12@6	1@1	1@23
		CP	2@0	2@23	1@0	1@24	25@0	13@6	1@1	1@23
	30	DFT-s	2@0	2@9	1@0	1@10	10@0	5@2 <sup>1</sup>	1@1	1@9
		CP	2@0	2@9	1@0	1@10	11@0	5@2 <sup>1</sup>	1@1	1@9
	60	DFT-s	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		CP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10MHz	15	DFT-s	2@0	2@50	1@0	1@51	50@0	25@12	1@1	1@50
		CP	2@0	2@50	1@0	1@51	52@0	26@13	1@1	1@50
	30	DFT-s	2@0	2@22	1@0	1@23	24@0	12@6	1@1	1@22
		CP	2@0	2@22	1@0	1@23	24@0	12@6	1@1	1@22
	60	DFT-s	2@0	2@9	1@0	1@10	10@0	5@2 <sup>1</sup>	1@1	1@9
		CP	2@0	2@9	1@0	1@10	11@0	5@2 <sup>1</sup>	1@1	1@9
15MHz	15	DFT-s	2@0	2@77	1@0	1@78	75@0	36@18	1@1	1@77
		CP	2@0	2@77	1@0	1@78	79@0	39@19 <sup>1</sup>	1@1	1@77
	30	DFT-s	2@0	2@36	1@0	1@37	36@0	18@9	1@1	1@36
		CP	2@0	2@36	1@0	1@37	38@0	19@9	1@1	1@36
	60	DFT-s	2@0	2@16	1@0	1@17	18@0	9@4	1@1	1@16
		CP	2@0	2@16	1@0	1@17	18@0	9@4	1@1	1@16
20MHz	15	DFT-s	2@0	2@104	1@0	1@105	100@0	50@25	1@1	1@104
		CP	2@0	2@104	1@0	1@105	106@0	53@26	1@1	1@104
	30	DFT-s	2@0	2@49	1@0	1@50	50@0	25@12	1@1	1@49
		CP	2@0	2@49	1@0	1@50	51@0	25@12 <sup>1</sup>	1@1	1@49
	60	DFT-s	2@0	2@22	1@0	1@23	24@0	12@6	1@1	1@22
		CP	2@0	2@22	1@0	1@23	24@0	12@6	1@1	1@22
25MHz	15	DFT-s	2@0	2@131	1@0	1@132	128@0	64@32	1@1	1@131
		CP	2@0	2@131	1@0	1@132	133@0	67@33	1@1	1@131
	30	DFT-s	2@0	2@63	1@0	1@64	64@0	32@16	1@1	1@63
		CP	2@0	2@63	1@0	1@64	65@0	33@16	1@1	1@63
	60	DFT-s	2@0	2@29	1@0	1@30	30@0	15@7 <sup>1</sup>	1@1	1@29
		CP	2@0	2@29	1@0	1@30	31@0	15@7 <sup>1</sup>	1@1	1@29
30MHz	15	DFT-s	2@0	2@158	1@0	1@159	160@0	80@40	1@1	1@158
		CP	2@0	2@158	1@0	1@159	160@0	80@40	1@1	1@158
	30	DFT-s	2@0	2@76	1@0	1@77	75@0	36@18	1@1	1@76
		CP	2@0	2@76	1@0	1@77	78@0	39@19	1@1	1@76
	60	DFT-s	2@0	2@36	1@0	1@37	36@0	18@9	1@1	1@36
		CP	2@0	2@36	1@0	1@37	38@0	19@9	1@1	1@36
40MHz	15	DFT-s	2@0	2@214	1@0	1@215	216@0	108@54	1@1	1@214
		CP	2@0	2@214	1@0	1@215	216@0	108@54	1@1	1@214
	30	DFT-s	2@0	2@104	1@0	1@105	100@0	50@25	1@1	1@104
		CP	2@0	2@104	1@0	1@105	106@0	53@26	1@1	1@104
	60	DFT-s	2@0	2@49	1@0	1@50	50@0	25@12	1@1	1@49
		CP	2@0	2@49	1@0	1@50	51@0	25@12 <sup>1</sup>	1@1	1@49
45MHz	15	DFT-s	2@0	2@240	1@0	1@241	242@0	120@60	1@1	1@240
		CP	2@0	2@240	1@0	1@241	242@0	121@60	1@1	1@240
	30	DFT-s	2@0	2@117	1@0	1@118	119@0	60@30	1@1	1@117
		CP	2@0	2@117	1@0	1@118	119@0	60@30	1@1	1@117
	60	DFT-s	2@0	2@56	1@0	1@57	58@0	27@13	1@1	1@56
		CP	2@0	2@56	1@0	1@57	58@0	29@14	1@1	1@56

Channel Bandwidth	SCS(kHz)	OFDM	RB allocation							
			Edge_Full_Left (Note 2)	Edge_Full_Right (Note 2)	Edge_1RB_Left	Edge_1RB_Right	Outer_Full	Inner_Full	Inner_1RB_Left	Inner_1RB_Right
50MHz	15	DFT-s	2@0	2@268	1@0	1@269	270@0	135@67	1@1	1@268
		CP	2@0	2@268	1@0	1@269	270@0	135@67	1@1	1@268
	30	DFT-s	2@0	2@131	1@0	1@132	128@0	64@32	1@1	1@131
		CP	2@0	2@131	1@0	1@132	133@0	67@33	1@1	1@131
	60	DFT-s	2@0	2@63	1@0	1@64	64@0	32@16	1@1	1@63
		CP	2@0	2@63	1@0	1@64	65@0	33@16	1@1	1@63
60MHz	15	DFT-s	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		CP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	30	DFT-s	2@0	2@160	1@0	1@161	162@0	81@40	1@1	1@160
		CP	2@0	2@160	1@0	1@161	162@0	81@40	1@1	1@160
	60	DFT-s	2@0	2@77	1@0	1@78	75@0	36@18	1@1	1@77
		CP	2@0	2@77	1@0	1@78	79@0	39@19	1@1	1@77
70MHz	15	DFT-s	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		CP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	30	DFT-s	2@0	2@187	1@0	1@188	180@0	90@45	1@1	1@187
		CP	2@0	2@187	1@0	1@188	189@0	95@47	1@1	1@187
	60	DFT-s	2@0	2@91	1@0	1@92	90@0	45@22	1@1	1@91
		CP	2@0	2@91	1@0	1@92	93@0	47@23	1@1	1@91
80MHz	15	DFT-s	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		CP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	30	DFT-s	2@0	2@215	1@0	1@216	216@0	108@54	1@1	1@215
		CP	2@0	2@215	1@0	1@216	217@0	109@54	1@1	1@215
	60	DFT-s	2@0	2@105	1@0	1@106	100@0	50@25	1@1	1@105
		CP	2@0	2@105	1@0	1@106	107@0	53@26	1@1	1@105
90MHz	15	DFT-s	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		CP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	30	DFT-s	2@0	2@243	1@0	1@244	243@0	120@60	1@1	1@243
		CP	2@0	2@243	1@0	1@244	245@0	123@61	1@1	1@243
	60	DFT-s	2@0	2@119	1@0	1@120	120@0	60@30	1@1	1@119
		CP	2@0	2@119	1@0	1@120	121@0	61@30	1@1	1@119
100MHz	15	DFT-s	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		CP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	30	DFT-s	2@0	2@271	1@0	1@272	270@0	135@67	1@1	1@271
		CP	2@0	2@271	1@0	1@272	273@0	137@68	1@1	1@271
	60	DFT-s	2@0	2@133	1@0	1@134	135@0	64@32	1@1	1@133
		CP	2@0	2@133	1@0	1@134	135@0	67@33	1@1	1@133

### 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	1.5m

### 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

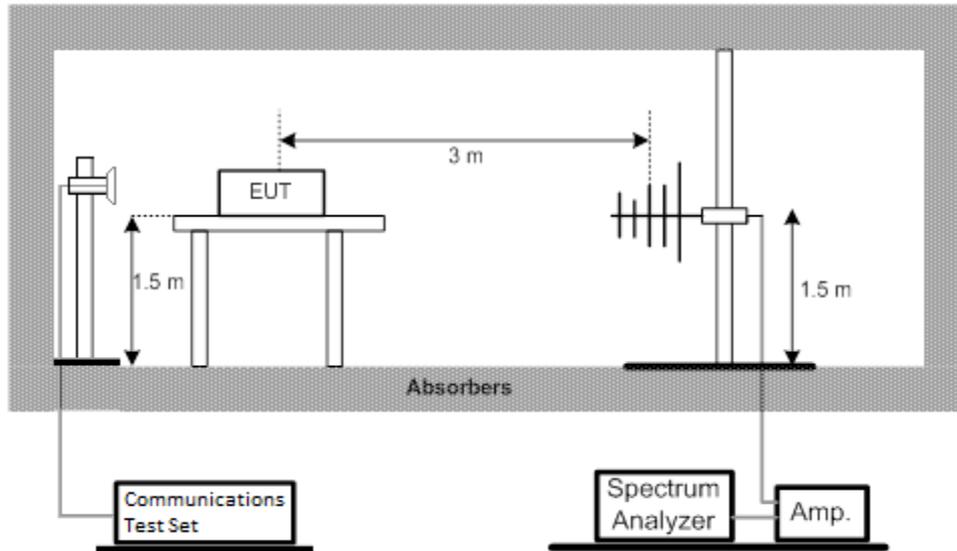
NOTE 1:  $f_c$  is the UE transmit centre frequency.  
 NOTE 2: This frequency range is not in the spurious domain, no requirement is then defined for this frequency range.  
 NOTE 3: Applies for Band that the upper frequency edge of the Uplink Band more than 2,69 GHz.  
 NOTE 4: Applies for Band that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

### 4.2 CONFORMANCE

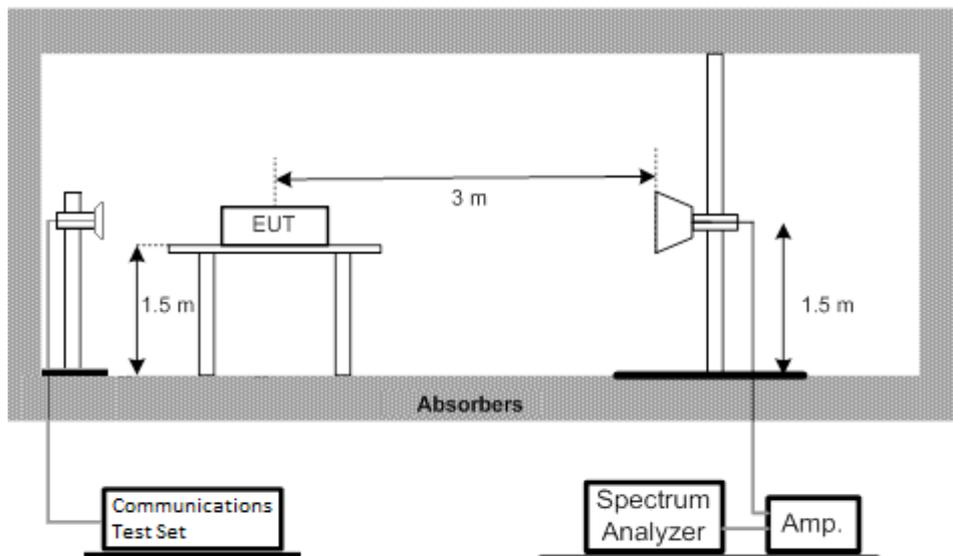
Conformance tests described in EN 301 908-1 clause 5.3.1 shall be carried out.

### 4.3 TEST CONDITION

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 CONDITIONS**

Band	Test conditions	Bandwidth (MHz)	Test Mode	Test Channel	Result
SA_n1	NTC	5	Traffic/Idle	Mid-Channel	Pass
		50	Traffic/Idle	Mid-Channel	Pass
SA_n3	NTC	5	Traffic/Idle	Mid-Channel	Pass
		30	Traffic/Idle	Mid-Channel	Pass
SA_n5	NTC	5	Traffic/Idle	Mid-Channel	Pass
		20	Traffic/Idle	Mid-Channel	Pass
SA_n7	NTC	5	Traffic/Idle	Mid-Channel	Pass
		20	Traffic/Idle	Mid-Channel	Pass
SA_n8	NTC	5	Traffic/Idle	Mid-Channel	Pass
		20	Traffic/Idle	Mid-Channel	Pass
SA_n20	NTC	5	Traffic/Idle	Mid-Channel	Pass
		20	Traffic/Idle	Mid-Channel	Pass
SA_n28	NTC	5	Traffic/Idle	Mid-Channel	Pass
		30	Traffic/Idle	Mid-Channel	Pass
SA_n38	NTC	10	Traffic/Idle	Mid-Channel	Pass
		20	Traffic/Idle	Mid-Channel	Pass
SA_n40	NTC	10	Traffic/Idle	Mid-Channel	Pass
		80	Traffic/Idle	Mid-Channel	Pass
SA_n41	NTC	10	Traffic/Idle	Mid-Channel	Pass
		100	Traffic/Idle	Mid-Channel	Pass
SA_n77	NTC	10	Traffic/Idle	Mid-Channel	Pass
		100	Traffic/Idle	Mid-Channel	Pass
SA_n78	NTC	10	Traffic/Idle	Mid-Channel	Pass
		100	Traffic/Idle	Mid-Channel	Pass

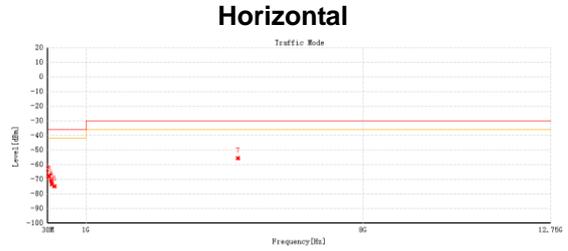
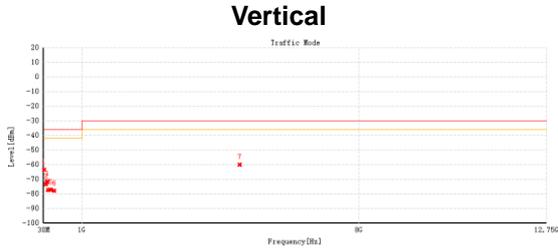
Band	Test conditions	Bandwidth (MHz)	Test Mode	Test Channel	Result
DC_3A-n7A	NTC	5	Traffic/Idle	Mid-Channel	Pass
		20	Traffic/Idle	Mid-Channel	Pass
DC_1A-n28A	NTC	5	Traffic/Idle	Mid-Channel	Pass
		30	Traffic/Idle	Mid-Channel	Pass
DC_8A-n40A	NTC	10	Traffic/Idle	Mid-Channel	Pass
		80	Traffic/Idle	Mid-Channel	Pass
DC_8A-n77A	NTC	10	Traffic/Idle	Mid-Channel	Pass
		100	Traffic/Idle	Mid-Channel	Pass
DC_8A-n78A	NTC	10	Traffic/Idle	Mid-Channel	Pass
		100	Traffic/Idle	Mid-Channel	Pass

Note: All the EN-DC mode have been evaluated and the report records only the worst case.

## 4.6 RADIATED EMISSIONS TRAFFIC MODE MEASUREMENT (UE) RESULTS

Test Mode : Traffic Mode\_n1\_5M

Test Mode : Traffic Mode\_n1\_5M

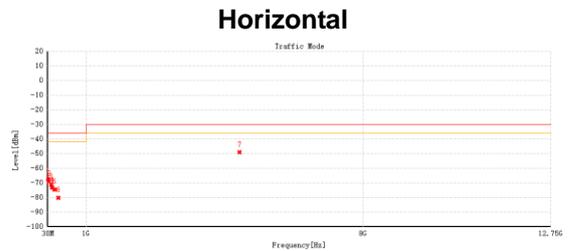
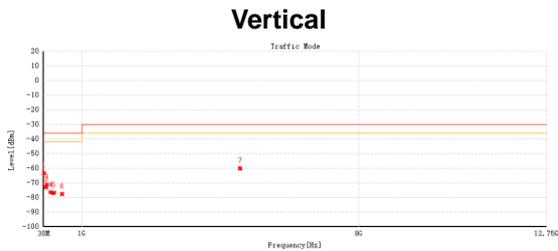


#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	42.222	-64.39	0.98	-63.39	-39	27.38	RMS	Vertical
2	91.498	-70.63	-2.73	-72.36	-39	37.36	RMS	Vertical
3	116.621	-66.63	-4.84	-71.47	-39	35.47	RMS	Vertical
4	146.109	-70.48	-6.81	-77.29	-39	41.29	RMS	Vertical
5	214.882	-71.46	-5.56	-77.02	-39	41.02	RMS	Vertical
6	299.951	-74.47	-3.34	-77.81	-39	41.81	RMS	Vertical
7	4992.413	-65.22	5.2	-60.02	-39	30.02	RMS	Vertical

#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	42.028	-67.99	0.17	-67.82	-39	31.82	RMS	Horizontal
2	42.028	-67.99	0.17	-67.82	-39	31.82	RMS	Horizontal
3	81.525	-63.45	-4.38	-68.01	-39	32.01	RMS	Horizontal
4	118.561	-65.88	-5.23	-71.11	-39	35.11	RMS	Horizontal
5	136.469	-66.19	-7.06	-73.25	-39	37.25	RMS	Horizontal
6	206.378	-68.2	-6.45	-74.75	-39	38.75	RMS	Horizontal
7	4843.237	-60.44	4.82	-55.62	-39	25.62	RMS	Horizontal

Test Mode : Traffic Mode\_n1\_50M

Test Mode : Traffic Mode\_n1\_50M



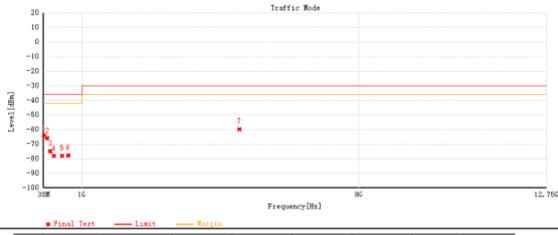
#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	43.483	-64.48	1.09	-63.39	-39	27.39	RMS	Vertical
2	91.401	-70.11	-2.75	-72.86	-39	36.86	RMS	Vertical
3	115.554	-66.63	-4.62	-71.25	-39	35.25	RMS	Vertical
4	215.076	-70.95	-5.55	-76.5	-39	40.5	RMS	Vertical
5	297.526	-73.42	-3.39	-76.81	-39	40.81	RMS	Vertical
6	500.062	-80.26	2.87	-77.69	-39	41.69	RMS	Vertical
7	4998.75	-65.18	5.15	-60.03	-39	30.03	RMS	Vertical

#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	42.028	-67.47	0.17	-67.3	-39	31.3	RMS	Horizontal
2	60.264	-65.17	-3.81	-68.98	-39	32.98	RMS	Horizontal
3	116.718	-65.96	-5.03	-70.99	-39	34.99	RMS	Horizontal
4	136.312	-66.18	-7.04	-73.22	-39	37.22	RMS	Horizontal
5	206.928	-68.12	-6.34	-74.46	-39	38.46	RMS	Horizontal
6	299.757	-77.17	-3	-80.17	-39	44.17	RMS	Horizontal
7	4879.8	-53.88	4.81	-49.07	-39	19.07	RMS	Horizontal

Test Mode : Traffic Mode\_n3\_5M

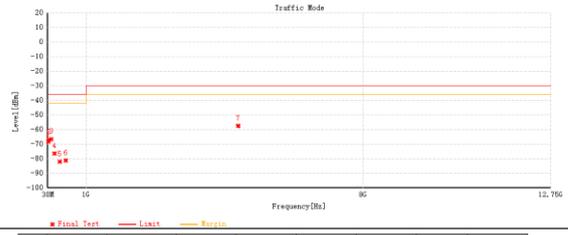
Test Mode : Traffic Mode\_n3\_5M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	43.677	-65.16	1.1	-64.06	-36	28.06	RMS	Vertical
2	121.968	-60.28	-5.63	-65.91	-36	29.91	RMS	Vertical
3	199.956	-68.51	-6.39	-74.9	-36	38.9	RMS	Vertical
4	290.639	-74.36	-3.54	-77.9	-36	41.9	RMS	Vertical
5	500.062	-80.47	2.57	-77.9	-36	41.9	RMS	Vertical
6	853.904	-83.28	5.57	-77.71	-36	41.71	RMS	Vertical
7	4982.175	-65.06	5.28	-59.78	-30	29.78	RMS	Vertical

### Horizontal

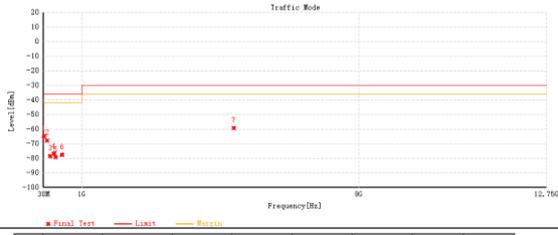


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	43.483	-68.3	0.14	-68.16	-36	32.16	RMS	Horizontal
2	60.749	-62.87	-4.03	-66.9	-36	30.9	RMS	Horizontal
3	121.277	-61.04	-5.48	-66.52	-36	30.52	RMS	Horizontal
4	198.877	-69.59	-6.74	-76.33	-36	40.33	RMS	Horizontal
5	338.848	-80.54	-1.45	-81.99	-36	45.99	RMS	Horizontal
6	488.034	-83.27	2.17	-81.1	-36	45.1	RMS	Horizontal
7	4943.725	-62.27	4.82	-57.45	-30	27.45	RMS	Horizontal

Test Mode : Traffic Mode\_n3\_30M

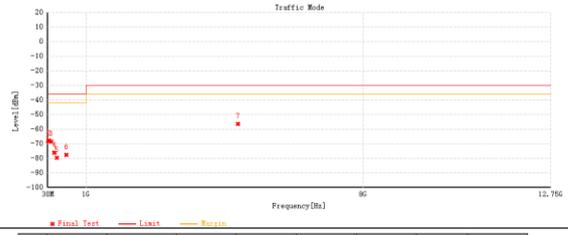
Test Mode : Traffic Mode\_n3\_30M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.222	-65.88	0.98	-64.9	-36	28.9	RMS	Vertical
2	120.307	-62.15	-5.56	-67.71	-36	31.71	RMS	Vertical
3	200.429	-72.13	-6.41	-78.54	-36	42.54	RMS	Vertical
4	295.489	-73.22	-3.44	-76.66	-36	40.66	RMS	Vertical
5	337.393	-77.55	-1.54	-79.09	-36	43.09	RMS	Vertical
6	500.062	-80.01	2.57	-77.44	-36	41.44	RMS	Vertical
7	4943.725	-64.82	5.6	-59.22	-30	29.22	RMS	Vertical

### Horizontal

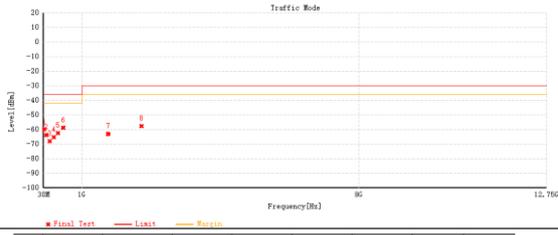


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	43.095	-68.22	0.15	-68.07	-36	32.07	RMS	Horizontal
2	59.876	-64.31	-3.65	-67.96	-36	31.96	RMS	Horizontal
3	118.755	-63.27	-5.25	-68.52	-36	32.52	RMS	Horizontal
4	200.72	-69.41	-6.75	-76.16	-36	40.16	RMS	Horizontal
5	282.024	-75.51	-4.06	-79.57	-36	43.57	RMS	Horizontal
6	500.062	-80.1	2.48	-77.62	-36	41.62	RMS	Horizontal
7	4943.725	-61.21	4.82	-56.39	-30	26.39	RMS	Horizontal

Test Mode : Traffic Mode\_n5\_5M

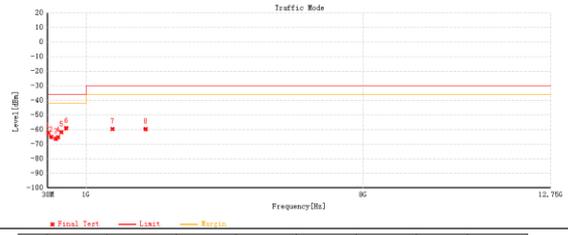
Test Mode : Traffic Mode\_n5\_5M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	LiA1 [dBm]	Margin [dB]	Detector	Polarity
1	45.035	-70.96	11.02	-59.94	-36	23.94	RMS	Vertical
2	103.041	-71.53	7.88	-63.65	-36	27.65	RMS	Vertical
3	182.969	-72	4.02	-67.98	-36	31.98	RMS	Vertical
4	287.438	-71.54	6.34	-65.2	-36	29.2	RMS	Vertical
5	395.981	-71.85	9.34	-62.51	-36	26.51	RMS	Vertical
6	526.543	-71.1	12.37	-58.73	-36	22.73	RMS	Vertical
7	1668.575	-59.16	-3.82	-62.98	-30	32.98	RMS	Vertical
8	2502.238	-60.48	2.92	-57.56	-30	27.56	RMS	Vertical

### Horizontal

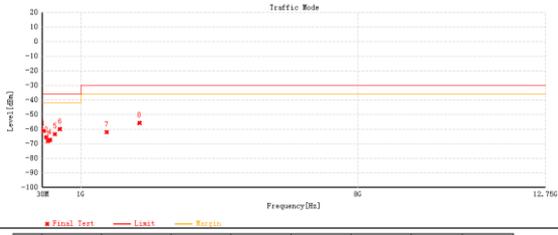


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	LiA1 [dBm]	Margin [dB]	Detector	Polarity
1	41.448	-72.19	9.96	-62.23	-36	26.23	RMS	Horizontal
2	115.942	-69.9	4.85	-65.05	-36	29.05	RMS	Horizontal
3	238.453	-71.82	5.45	-66.37	-36	30.37	RMS	Horizontal
4	293.258	-71.99	6.77	-65.22	-36	29.22	RMS	Horizontal
5	374.835	-70.84	9.15	-61.69	-36	25.69	RMS	Horizontal
6	497.055	-71.39	12.29	-59.1	-36	23.1	RMS	Horizontal
7	1668.575	-55.36	-4.16	-59.52	-30	29.52	RMS	Horizontal
8	2502.825	-61.43	1.8	-59.63	-30	29.63	RMS	Horizontal

Test Mode : Traffic Mode\_n5\_20M

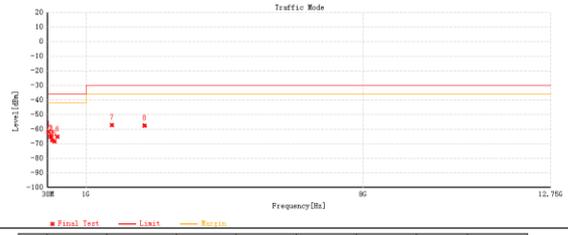
Test Mode : Traffic Mode\_n5\_20M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	LiA1 [dBm]	Margin [dB]	Detector	Polarity
1	57.839	-71.4	10.27	-61.13	-36	25.13	RMS	Vertical
2	124.09	-69.72	4.05	-65.69	-36	29.69	RMS	Vertical
3	162.89	-71.9	3.61	-68.29	-36	32.29	RMS	Vertical
4	218.859	-72	4.62	-67.38	-36	31.38	RMS	Vertical
5	343.601	-71.86	8.59	-63.27	-36	27.27	RMS	Vertical
6	467.567	-70.81	10.89	-59.92	-36	23.92	RMS	Vertical
7	1654.475	-58.3	-3.63	-61.93	-30	31.93	RMS	Vertical
8	2482.202	-58.46	2.76	-61.2	-30	28.7	RMS	Vertical

### Horizontal

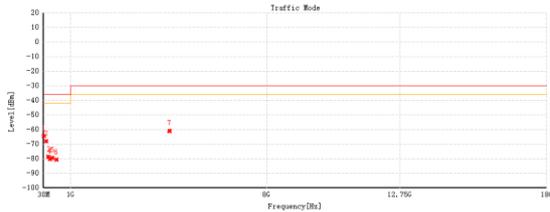


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	LiA1 [dBm]	Margin [dB]	Detector	Polarity
1	44.162	-71.7	9.93	-61.77	-36	25.77	RMS	Horizontal
2	98.288	-71.9	6.82	-65.08	-36	29.08	RMS	Horizontal
3	116.912	-69.29	4.74	-64.55	-36	28.55	RMS	Horizontal
4	139.319	-70.01	3.37	-67.64	-36	31.64	RMS	Horizontal
5	202.951	-71.57	3.21	-68.36	-36	32.36	RMS	Horizontal
6	275.798	-71.31	6.23	-65.08	-36	29.08	RMS	Horizontal
7	1655.065	-52.99	-4.29	-57.28	-30	27.28	RMS	Horizontal
8	2482.85	-59.41	1.84	-57.57	-30	27.57	RMS	Horizontal

Test Mode : Traffic Mode\_n7\_5M

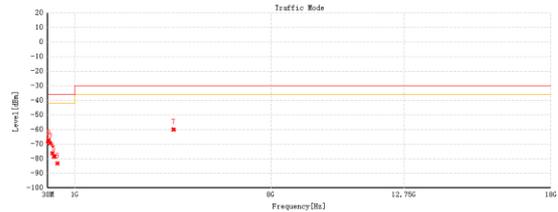
Test Mode : Traffic Mode\_n7\_5M

### Vertical



No.	Freq. [Hz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.61	-65.3	1.01	-64.29	-36	28.29	RMS	Vertical
2	119.628	-62.55	-5.46	-68.01	-36	32.01	RMS	Vertical
3	198.198	-72.5	-6.22	-78.72	-36	42.72	RMS	Vertical
4	256.495	-76.07	-4.12	-80.19	-36	44.19	RMS	Vertical
5	346.026	-76.05	-1.24	-79.29	-36	43.29	RMS	Vertical
6	493.272	-82.98	2.35	-80.63	-36	44.63	RMS	Vertical
7	4530	-65.85	4.98	-60.87	-30	30.87	RMS	Vertical

### Horizontal

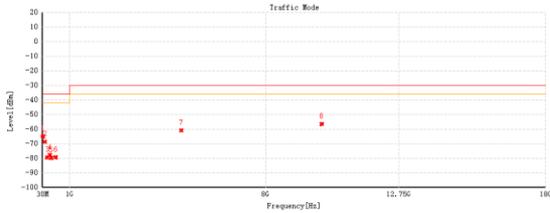


No.	Freq. [Hz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.416	-68.33	0.16	-68.17	-36	32.17	RMS	Horizontal
2	60.07	-63.37	-3.73	-67.1	-36	31.1	RMS	Horizontal
3	121.762	-63.85	-5.52	-69.37	-36	33.37	RMS	Horizontal
4	201.593	-69.6	-6.7	-76.3	-36	40.3	RMS	Horizontal
5	259.211	-74.39	-4.11	-78.5	-36	42.5	RMS	Horizontal
6	381.819	-82.53	-0.65	-83.18	-36	47.18	RMS	Horizontal
7	4530	-64.84	4.9	-59.94	-30	29.94	RMS	Horizontal

Test Mode : Traffic Mode\_n7\_20M

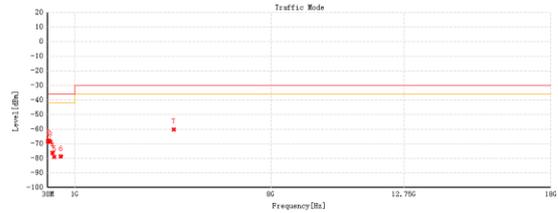
Test Mode : Traffic Mode\_n7\_20M

### Vertical



No.	Freq. [Hz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.222	-65.97	0.98	-64.99	-36	28.99	RMS	Vertical
2	120.404	-63.02	-5.56	-68.58	-36	32.58	RMS	Vertical
3	198.392	-73	-6.25	-79.25	-36	43.25	RMS	Vertical
4	296.847	-74.08	-3.41	-77.49	-36	41.49	RMS	Vertical
5	338.46	-78.3	-1.46	-79.76	-36	43.76	RMS	Vertical
6	500.062	-81.84	2.57	-79.27	-36	43.27	RMS	Vertical
7	4989	-65.98	5.22	-60.76	-30	30.76	RMS	Vertical
8	10003.5	-70.11	13.66	-56.45	-30	26.45	RMS	Vertical

### Horizontal

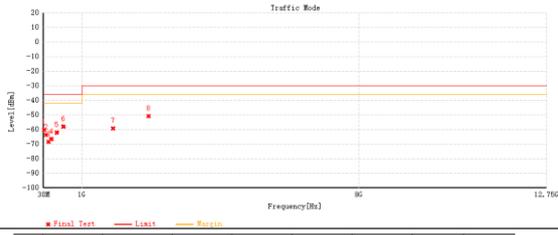


No.	Freq. [Hz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.901	-68.65	0.15	-68.5	-36	32.5	RMS	Horizontal
2	59.488	-64.22	-3.51	-67.73	-36	31.73	RMS	Horizontal
3	119.046	-63.43	-5.28	-68.71	-36	32.71	RMS	Horizontal
4	201.205	-69.6	-6.72	-76.32	-36	40.32	RMS	Horizontal
5	261.636	-74.84	-4.07	-78.91	-36	42.91	RMS	Horizontal
6	500.062	-81.17	2.48	-78.69	-36	42.69	RMS	Horizontal
7	4530	-65.02	4.9	-60.12	-30	30.12	RMS	Horizontal

Test Mode : Traffic Mode\_n8\_5M

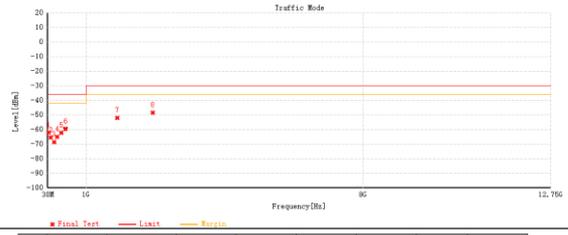
Test Mode : Traffic Mode\_n8\_5M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.125	-70.94	10.75	-60.19	-36	24.19	RMS	Vertical
2	102.168	-71.67	8.08	-63.59	-36	27.59	RMS	Vertical
3	151.832	-71.53	3.15	-68.38	-36	32.38	RMS	Vertical
4	228.656	-71.56	5.1	-66.46	-36	30.46	RMS	Vertical
5	371.343	-71.14	9.07	-62.07	-36	26.07	RMS	Vertical
6	534.497	-70.33	12.41	-57.92	-36	21.92	RMS	Vertical
7	1790.775	-56.87	-2.29	-59.16	-30	29.16	RMS	Vertical
8	2685.538	-54.07	3.37	-50.7	-30	20.7	RMS	Vertical

### Horizontal

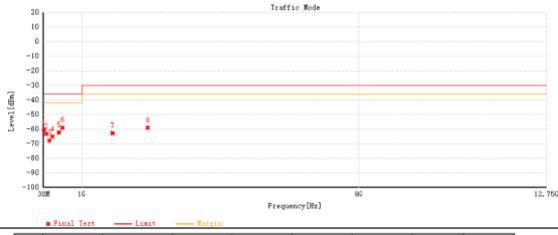


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	48.915	-71.84	9.87	-61.97	-36	25.97	RMS	Horizontal
2	104.205	-72.04	6.54	-65.5	-36	29.5	RMS	Horizontal
3	191.699	-72.04	3.45	-68.59	-36	32.59	RMS	Horizontal
4	288.717	-70.94	6	-64.94	-36	28.94	RMS	Horizontal
5	375.126	-71.38	9.16	-62.22	-36	26.22	RMS	Horizontal
6	478.334	-71.39	11.83	-59.56	-36	23.56	RMS	Horizontal
7	1790.188	-49.75	-2.23	-51.98	-30	21.98	RMS	Horizontal
8	2686.125	-51.29	2.92	-48.37	-30	18.37	RMS	Horizontal

Test Mode : Traffic Mode\_n8\_20M

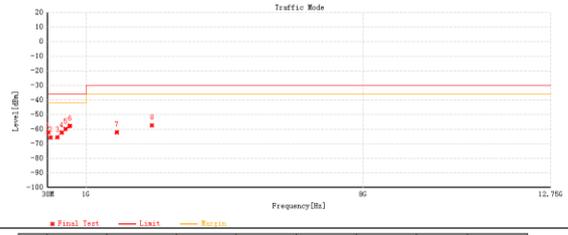
Test Mode : Traffic Mode\_n8\_20M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.125	-71.24	10.75	-60.49	-36	24.49	RMS	Vertical
2	99.452	-71.68	8.47	-63.21	-36	27.21	RMS	Vertical
3	180.253	-71.48	3.79	-67.69	-36	31.69	RMS	Vertical
4	253.385	-70.8	5.75	-65.05	-36	29.05	RMS	Vertical
5	422.059	-71.99	9.71	-62.28	-36	26.28	RMS	Vertical
6	512.575	-71.37	12.38	-58.99	-36	22.99	RMS	Vertical
7	1775.5	-60.07	-2.42	-62.69	-30	32.69	RMS	Vertical
8	2663.8	-62.4	3.27	-59.13	-30	29.13	RMS	Vertical

### Horizontal

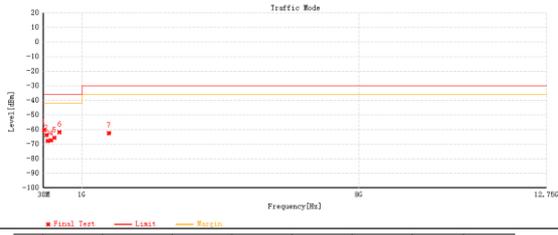


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	43.386	-72.18	9.94	-62.24	-36	26.24	RMS	Horizontal
2	102.459	-72.53	6.84	-65.69	-36	29.69	RMS	Horizontal
3	273.761	-71.65	6.16	-65.49	-36	29.49	RMS	Horizontal
4	382.498	-71.6	9.35	-62.25	-36	26.25	RMS	Horizontal
5	482.311	-71.89	11.99	-59.9	-36	23.9	RMS	Horizontal
6	589.399	-71.23	13.43	-57.8	-36	21.8	RMS	Horizontal
7	1775.5	-59.64	-2.49	-62.13	-30	32.13	RMS	Horizontal
8	2663.8	-60.23	2.92	-57.31	-30	27.31	RMS	Horizontal

Test Mode : Traffic Mode\_n20\_5M

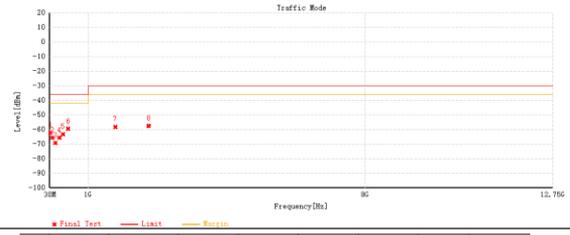
Test Mode : Traffic Mode\_n20\_5M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	41.446	-70.84	10.69	-60.15	-36	24.15	RMS	Vertical
2	101.295	-72.09	8.28	-63.81	-36	27.81	RMS	Vertical
3	137.961	-71.06	3.21	-67.85	-36	31.85	RMS	Vertical
4	225.552	-72.39	4.95	-67.44	-36	31.44	RMS	Vertical
5	307.032	-72.26	6.78	-65.48	-36	29.48	RMS	Vertical
6	434.005	-71.56	9.82	-61.74	-36	25.74	RMS	Vertical
7	1689.137	-58.36	-4.09	-62.45	-30	32.45	RMS	Vertical

### Horizontal

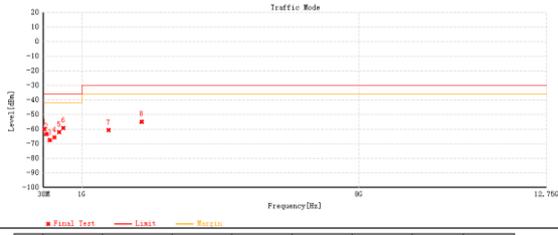


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	47.169	-72.02	9.89	-62.13	-36	26.13	RMS	Horizontal
2	100.054	-72.88	7.27	-65.61	-36	29.61	RMS	Horizontal
3	176.567	-71.42	2.26	-69.16	-36	33.16	RMS	Horizontal
4	276.186	-71.79	6.24	-65.55	-36	29.55	RMS	Horizontal
5	368.627	-72	8.91	-63.09	-36	27.09	RMS	Horizontal
6	495.503	-71.69	12.26	-59.43	-36	23.43	RMS	Horizontal
7	1689.725	-54.21	-3.96	-58.17	-30	28.17	RMS	Horizontal
8	2534.55	-59.59	2.18	-57.41	-30	27.41	RMS	Horizontal

Test Mode : Traffic Mode\_n20\_20M

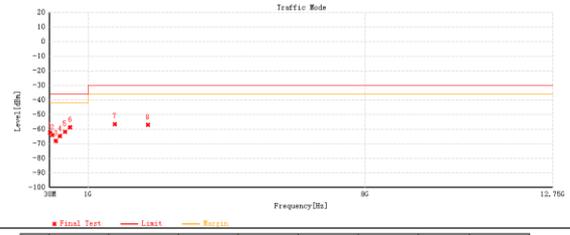
Test Mode : Traffic Mode\_n20\_20M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	50.273	-71.5	11.43	-60.07	-36	24.07	RMS	Vertical
2	100.054	-71.89	8.56	-63.33	-36	27.33	RMS	Vertical
3	187.237	-71.8	4.37	-67.43	-36	31.43	RMS	Vertical
4	306.159	-72.38	6.76	-65.62	-36	29.62	RMS	Vertical
5	421.88	-71.71	9.71	-62	-36	26	RMS	Vertical
6	530.52	-71.71	12.39	-59.32	-36	23.32	RMS	Vertical
7	1675.037	-56.72	-3.91	-60.63	-30	30.63	RMS	Vertical
8	2512.225	-57.79	2.93	-54.86	-30	24.86	RMS	Vertical

### Horizontal

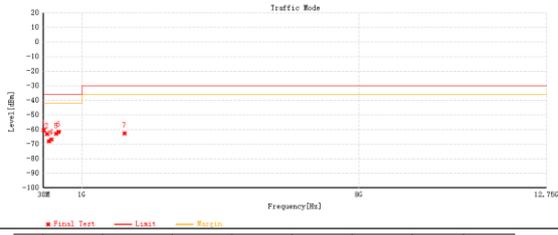


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.61	-72.39	9.95	-62.44	-36	26.44	RMS	Horizontal
2	99.549	-71.17	7.16	-64.01	-36	28.01	RMS	Horizontal
3	181.611	-70.6	2.56	-68.04	-36	32.04	RMS	Horizontal
4	289.669	-71.32	6.66	-64.66	-36	28.66	RMS	Horizontal
5	410.642	-71.51	9.74	-61.77	-36	25.77	RMS	Horizontal
6	541.869	-71.08	12.36	-58.72	-36	22.72	RMS	Horizontal
7	1675.037	-52.41	-4.1	-56.51	-30	26.51	RMS	Horizontal
8	2512.225	-58.95	1.91	-57.04	-30	27.04	RMS	Horizontal

Test Mode : Traffic Mode\_n28\_5M

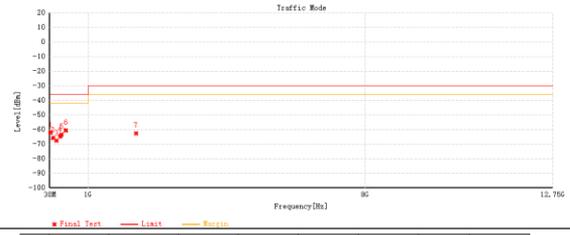
Test Mode : Traffic Mode\_n28\_5M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	41.64	-71.13	10.71	-60.42	-36	24.42	RMS	Vertical
2	116.427	-67.94	4.99	-62.95	-36	26.95	RMS	Vertical
3	169.983	-71.54	3.67	-67.87	-36	31.87	RMS	Vertical
4	233.118	-72.08	5.3	-66.78	-36	30.78	RMS	Vertical
5	353.204	-71.55	8.7	-62.85	-36	26.85	RMS	Vertical
6	415.575	-71.26	9.61	-61.65	-36	25.65	RMS	Vertical
7	2077.475	-63.89	1.33	-62.56	-30	32.56	RMS	Vertical

### Horizontal

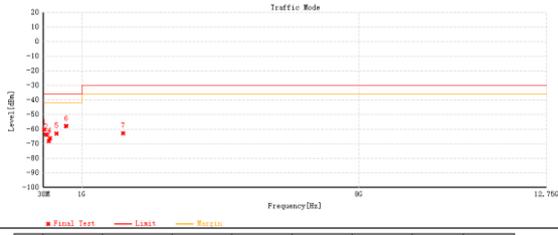


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	46.102	-71.9	9.9	-62	-36	26	RMS	Horizontal
2	117.106	-70.42	4.72	-65.7	-36	29.7	RMS	Horizontal
3	202.175	-70.86	3.15	-67.71	-36	31.71	RMS	Horizontal
4	296.944	-71.57	6.88	-64.69	-36	28.69	RMS	Horizontal
5	328.566	-71.15	7.77	-63.38	-36	27.38	RMS	Horizontal
6	437.032	-70.58	10.06	-60.52	-36	24.52	RMS	Horizontal
7	2213.188	-64.2	1.63	-62.57	-30	32.57	RMS	Horizontal

Test Mode : Traffic Mode\_n28\_30M

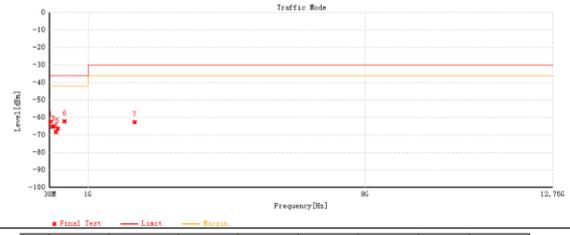
Test Mode : Traffic Mode\_n28\_30M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	47.945	-71.58	11.29	-60.29	-36	24.29	RMS	Vertical
2	97.803	-71.95	8.19	-63.76	-36	27.76	RMS	Vertical
3	162.211	-71.8	3.61	-68.19	-36	32.19	RMS	Vertical
4	190.729	-70.68	4.51	-66.17	-36	30.17	RMS	Vertical
5	359.121	-71.59	8.67	-62.92	-36	26.92	RMS	Vertical
6	603.561	-71.86	14.03	-57.83	-36	21.83	RMS	Vertical
7	2045.162	-64.07	1.21	-62.86	-30	32.86	RMS	Vertical

### Horizontal

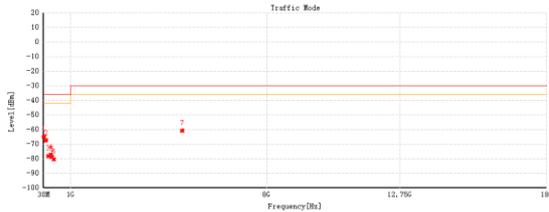


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	46.296	-72.3	9.9	-62.4	-36	26.4	RMS	Horizontal
2	101.295	-72.35	7.05	-65.3	-36	29.3	RMS	Horizontal
3	123.314	-69.13	4.17	-64.96	-36	28.96	RMS	Horizontal
4	188.207	-71.65	3.33	-68.32	-36	32.32	RMS	Horizontal
5	229.335	-71.3	4.97	-66.33	-36	30.33	RMS	Horizontal
6	405.584	-71.64	9.49	-62.15	-36	26.15	RMS	Horizontal
7	2181.462	-64.28	1.65	-62.63	-30	32.63	RMS	Horizontal

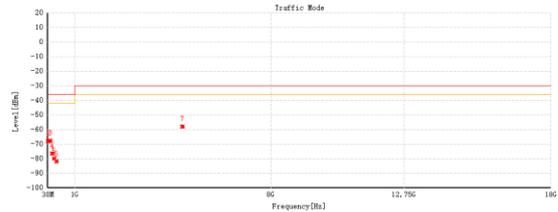
Test Mode : Traffic Mode\_n38\_10M

Test Mode : Traffic Mode\_n38\_10M

### Vertical



### Horizontal



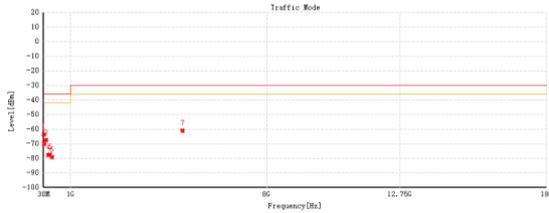
No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.901	-66.03	1.04	-64.99	-36	28.99	RMS	Vertical
2	120.792	-61.86	-5.58	-67.44	-36	31.44	RMS	Vertical
3	196.355	-72.16	-6	-78.16	-36	42.16	RMS	Vertical
4	293.743	-73.83	-3.48	-77.31	-36	41.31	RMS	Vertical
5	335.647	-77.12	-1.67	-78.79	-36	42.79	RMS	Vertical
6	396.757	-79.83	-0.59	-80.42	-36	44.42	RMS	Vertical
7	4983	-65.96	5.27	-60.69	-30	30.69	RMS	Vertical

No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	43.774	-68.23	0.14	-68.09	-36	32.09	RMS	Horizontal
2	62.301	-63.24	-4.7	-67.94	-36	31.94	RMS	Horizontal
3	120.016	-62.22	-5.39	-67.61	-36	31.61	RMS	Horizontal
4	194.997	-69.85	-0.54	-70.39	-36	40.39	RMS	Horizontal
5	260.763	-75.73	-4.09	-79.82	-36	43.82	RMS	Horizontal
6	344.765	-80.54	-1.34	-81.88	-36	45.88	RMS	Horizontal
7	4843.5	-62.72	4.82	-57.9	-30	27.9	RMS	Horizontal

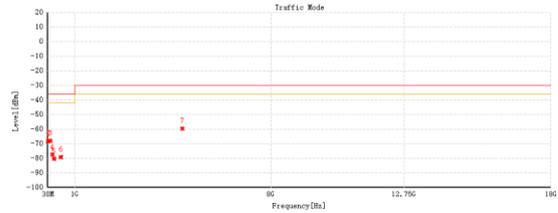
Test Mode : Traffic Mode\_n38\_20M

Test Mode : Traffic Mode\_n38\_20M

### Vertical



### Horizontal



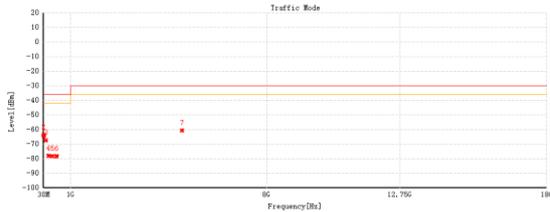
No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.707	-64.63	1.02	-63.61	-36	27.61	RMS	Vertical
2	57.548	-70.72	0.47	-70.25	-36	34.25	RMS	Vertical
3	121.665	-61.83	-5.63	-67.46	-36	31.46	RMS	Vertical
4	203.824	-71.57	-6.21	-77.78	-36	41.78	RMS	Vertical
5	265.419	-73.34	-4.06	-77.4	-36	41.4	RMS	Vertical
6	340.303	-77.86	-1.34	-79.2	-36	43.2	RMS	Vertical
7	4998	-66.31	5.16	-61.15	-30	31.15	RMS	Vertical

No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.804	-68.45	0.16	-68.29	-36	32.29	RMS	Horizontal
2	60.167	-64.35	-3.77	-68.12	-36	32.12	RMS	Horizontal
3	120.113	-62.6	-5.4	-68	-36	32	RMS	Horizontal
4	196.743	-70.81	-0.63	-77.44	-36	41.44	RMS	Horizontal
5	260.084	-76.21	-4.11	-80.32	-36	44.32	RMS	Horizontal
6	499.965	-81.61	2.48	-79.13	-36	43.13	RMS	Horizontal
7	4843.5	-64.42	4.82	-59.6	-30	29.6	RMS	Horizontal

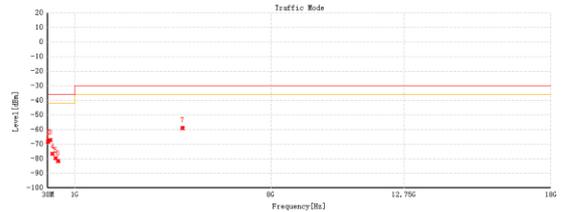
Test Mode : Traffic Mode\_n40\_10M

Test Mode : Traffic Mode\_n40\_10M

### Vertical



### Horizontal



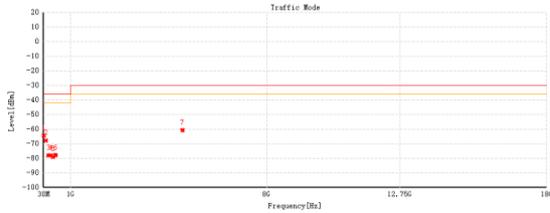
No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	33.201	-61.67	-2.76	-64.43	-36	28.43	RMS	Vertical
2	42.804	-64.78	1.03	-63.75	-36	27.75	RMS	Vertical
3	120.986	-61.79	-5.6	-67.39	-36	31.39	RMS	Vertical
4	218.277	-72.61	-5.36	-77.97	-36	41.97	RMS	Vertical
5	349.033	-77.04	-1.19	-78.23	-36	42.23	RMS	Vertical
6	500.062	-80.84	2.57	-78.27	-36	42.27	RMS	Vertical
7	4981.5	-65.9	5.28	-60.62	-30	30.62	RMS	Vertical

No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	44.356	-68.96	0.13	-68.83	-36	32.43	RMS	Horizontal
2	61.428	-62.95	-4.32	-67.27	-36	31.27	RMS	Horizontal
3	120.501	-61.73	-5.43	-67.16	-36	31.16	RMS	Horizontal
4	199.556	-69.94	-6.78	-76.72	-36	40.72	RMS	Horizontal
5	320.709	-77.01	-2.62	-79.63	-36	43.63	RMS	Horizontal
6	405.584	-81.09	-0.45	-81.54	-36	45.54	RMS	Horizontal
7	4843.5	-63.78	4.82	-58.96	-30	28.96	RMS	Horizontal

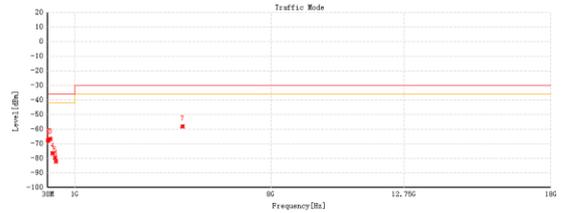
Test Mode : Traffic Mode\_n40\_80M

Test Mode : Traffic Mode\_n40\_80M

### Vertical



### Horizontal



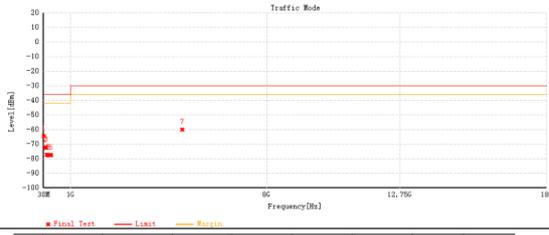
No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	41.834	-65.43	0.94	-64.49	-36	28.49	RMS	Vertical
2	118.076	-62.61	-5.14	-67.75	-36	31.75	RMS	Vertical
3	206.346	-71.83	-6.06	-77.89	-36	41.89	RMS	Vertical
4	298.961	-74.63	-3.36	-77.99	-36	41.99	RMS	Vertical
5	370.179	-78.02	-0.93	-78.95	-36	42.95	RMS	Vertical
6	462.717	-78.26	0.46	-77.8	-36	41.8	RMS	Vertical
7	4995	-65.87	5.18	-60.69	-30	30.69	RMS	Vertical

No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.998	-67.95	0.15	-67.8	-36	31.8	RMS	Horizontal
2	60.749	-62.71	-4.03	-66.74	-36	30.74	RMS	Horizontal
3	120.207	-61.3	-5.41	-66.71	-36	30.71	RMS	Horizontal
4	200.817	-69.68	-6.75	-76.43	-36	40.43	RMS	Horizontal
5	295.295	-76.35	-3.13	-79.48	-36	43.48	RMS	Horizontal
6	322.94	-79.63	-2.48	-82.11	-36	46.11	RMS	Horizontal
7	4843.5	-62.96	4.82	-58.14	-30	28.14	RMS	Horizontal

Test Mode : Traffic Mode\_n41\_10M

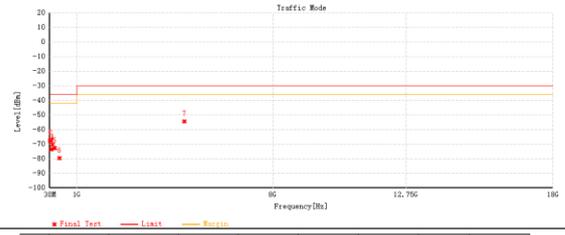
Test Mode : Traffic Mode\_n41\_10M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	43.774	-65.44	1.11	-64.33	-36	28.33	RMS	Vertical
2	87.327	-68.88	-3.59	-72.47	-36	36.47	RMS	Vertical
3	116.233	-67.33	-4.76	-72.09	-36	36.09	RMS	Vertical
4	146.497	-70.3	-6.81	-77.11	-36	41.11	RMS	Vertical
5	212.845	-72	-5.68	-77.68	-36	41.68	RMS	Vertical
6	294.81	-73.96	-3.45	-77.41	-36	41.41	RMS	Vertical
7	4990.5	-65.25	5.21	-60.04	-30	30.04	RMS	Vertical

### Horizontal

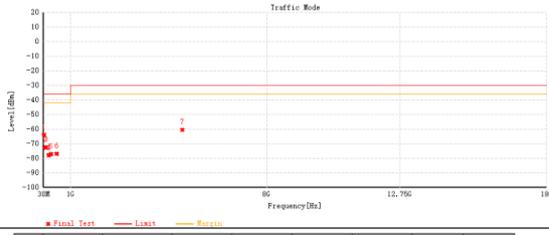


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	43.289	-67.75	0.15	-67.6	-36	31.6	RMS	Horizontal
2	82.301	-62.64	-4.7	-67.34	-36	31.34	RMS	Horizontal
3	89.17	-68.13	-5.42	-73.55	-36	37.55	RMS	Horizontal
4	117.882	-65.23	-5.15	-70.38	-36	34.38	RMS	Horizontal
5	207.898	-66.36	-6.28	-72.64	-36	36.64	RMS	Horizontal
6	382.11	-78.87	-0.85	-79.72	-36	43.72	RMS	Horizontal
7	4843.5	-59.17	4.82	-54.35	-30	24.35	RMS	Horizontal

Test Mode : Traffic Mode\_n41\_100M

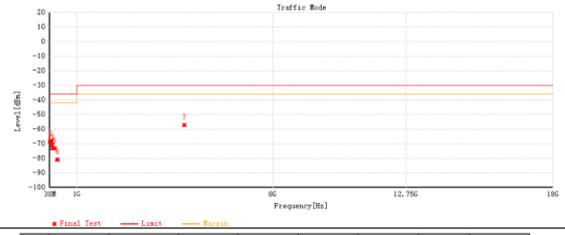
Test Mode : Traffic Mode\_n41\_100M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.61	-64.82	1.01	-63.81	-36	27.81	RMS	Vertical
2	88.782	-69.22	-3.27	-72.49	-36	36.49	RMS	Vertical
3	116.427	-67.68	-4.8	-72.48	-36	36.48	RMS	Vertical
4	214.882	-72.28	-5.56	-77.84	-36	41.84	RMS	Vertical
5	297.623	-73.64	-3.39	-77.03	-36	41.03	RMS	Vertical
6	500.062	-79.4	2.57	-76.83	-36	40.83	RMS	Vertical
7	4989	-65.54	5.22	-60.32	-30	30.32	RMS	Vertical

### Horizontal

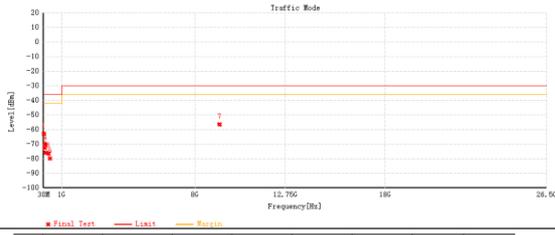


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.416	-68.86	0.16	-68.7	-36	32.7	RMS	Horizontal
2	59.585	-64.66	-3.54	-68.2	-36	32.2	RMS	Horizontal
3	117.397	-65.73	-5.1	-70.83	-36	34.83	RMS	Horizontal
4	124.866	-67.47	-5.75	-73.22	-36	37.22	RMS	Horizontal
5	207.122	-66.85	-6.33	-73.18	-36	37.18	RMS	Horizontal
6	306.062	-77.93	-2.89	-80.82	-36	44.82	RMS	Horizontal
7	4843.5	-62.07	4.82	-57.25	-30	27.25	RMS	Horizontal

Test Mode : Traffic Mode\_n77\_10M

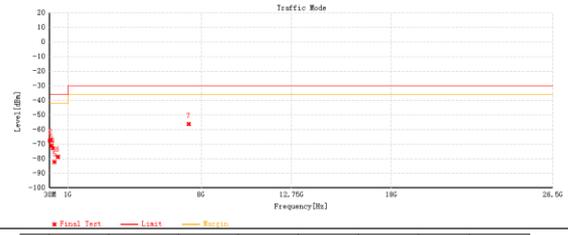
Test Mode : Traffic Mode\_n77\_10M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	43.192	-63.82	1.06	-62.76	-36	26.76	RMS	Vertical
2	92.08	-70.03	-2.63	-72.66	-36	36.66	RMS	Vertical
3	115.263	-65.59	-4.56	-70.15	-36	34.15	RMS	Vertical
4	146.885	-69.08	-6.81	-75.89	-36	39.89	RMS	Vertical
5	293.84	-73.07	-3.47	-76.54	-36	40.54	RMS	Vertical
6	379.879	-79.17	-0.63	-79.8	-36	43.8	RMS	Vertical
7	9283.2	-68.9	12.48	-56.42	-30	26.42	RMS	Vertical

### Horizontal

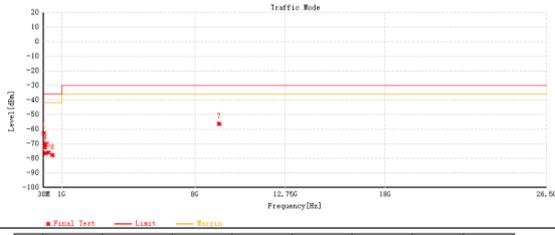


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.125	-67.62	0.17	-67.45	-36	31.45	RMS	Horizontal
2	81.04	-62.74	-4.15	-66.89	-36	30.89	RMS	Horizontal
3	117.591	-65.99	-5.12	-71.11	-36	35.11	RMS	Horizontal
4	204.794	-66.28	-6.48	-72.76	-36	36.76	RMS	Horizontal
5	283.752	-78.66	-3.46	-82.12	-36	46.12	RMS	Horizontal
6	456.897	-78.95	0.31	-78.64	-36	42.64	RMS	Horizontal
7	7342.8	-67.85	11.7	-56.15	-30	26.15	RMS	Horizontal

Test Mode : Traffic Mode\_n77\_100M

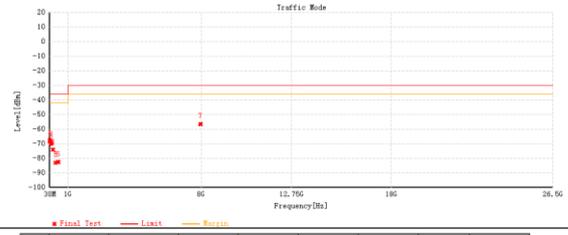
Test Mode : Traffic Mode\_n77\_100M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.998	-63.89	1.04	-62.85	-36	26.85	RMS	Vertical
2	91.983	-70.03	-2.65	-72.68	-36	36.68	RMS	Vertical
3	115.845	-65.8	-4.68	-70.48	-36	34.48	RMS	Vertical
4	148.437	-69.62	-6.82	-76.44	-36	40.44	RMS	Vertical
5	298.593	-72.66	-3.37	-76.03	-36	40.03	RMS	Vertical
6	500.062	-80.23	2.57	-77.66	-36	41.66	RMS	Vertical
7	9273.6	-68.81	12.44	-56.37	-30	26.37	RMS	Vertical

### Horizontal



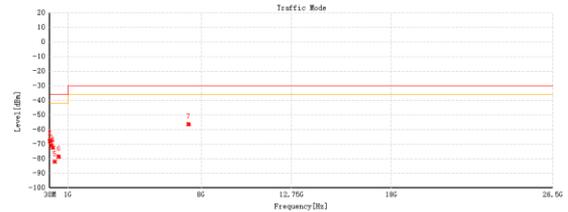
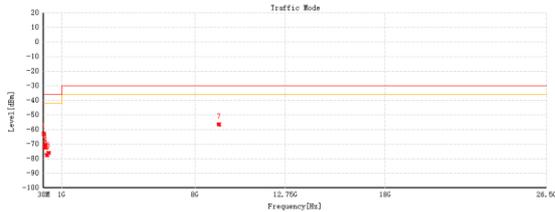
No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	43.968	-67.94	0.14	-67.8	-36	31.8	RMS	Horizontal
2	59.973	-64.72	-3.69	-68.41	-36	32.41	RMS	Horizontal
3	117.397	-64.93	-5.1	-70.03	-36	34.03	RMS	Horizontal
4	203.242	-67.52	-6.59	-74.11	-36	38.11	RMS	Horizontal
5	341.079	-81.56	-1.37	-82.93	-36	46.93	RMS	Horizontal
6	473.775	-83.96	1.49	-82.47	-36	46.47	RMS	Horizontal
7	7968	-67.26	10.81	-56.45	-30	26.45	RMS	Horizontal

Test Mode : Traffic Mode\_n78\_10M

Test Mode : Traffic Mode\_n78\_10M

### Vertical

### Horizontal



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.804	-63.78	1.03	-62.75	-36	26.75	RMS	Vertical
2	90.334	-69.08	-2.94	-72.02	-36	36.02	RMS	Vertical
3	115.263	-65.63	-4.96	-70.19	-36	34.19	RMS	Vertical
4	144.072	-65.66	-6.79	-72.45	-36	36.45	RMS	Vertical
5	216.24	-72.07	-5.48	-77.55	-36	41.55	RMS	Vertical
6	296.265	-72.71	-3.42	-76.13	-36	40.13	RMS	Vertical
7	9253.2	-68.78	12.35	-56.43	-30	26.43	RMS	Vertical

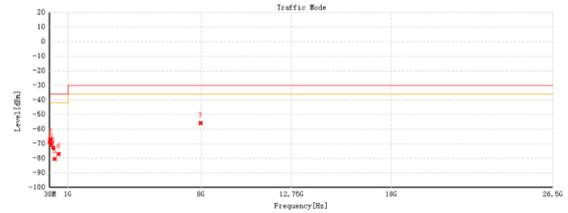
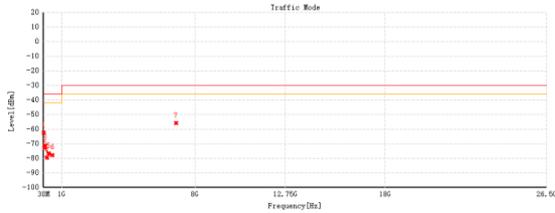
No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.901	-68.05	0.15	-67.9	-36	31.9	RMS	Horizontal
2	58.518	-64.38	-3.15	-67.53	-36	31.53	RMS	Horizontal
3	116.427	-65.87	-4.99	-70.86	-36	34.86	RMS	Horizontal
4	206.54	-65.96	-6.37	-72.33	-36	36.33	RMS	Horizontal
5	296.847	-78.94	-3.08	-82.02	-36	46.02	RMS	Horizontal
6	500.062	-80.91	2.48	-78.43	-36	42.43	RMS	Horizontal
7	7342.8	-68.06	11.7	-56.36	-30	26.36	RMS	Horizontal

Test Mode : Traffic Mode\_n78\_100M

Test Mode : Traffic Mode\_n78\_100M

### Vertical

### Horizontal



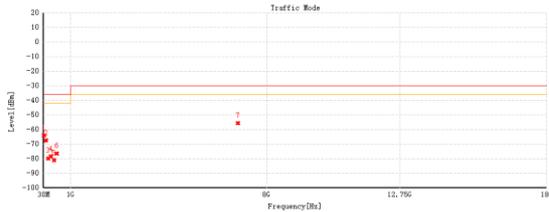
No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.61	-63.31	1.01	-62.3	-36	26.3	RMS	Vertical
2	90.819	-69.9	-2.85	-72.75	-36	36.75	RMS	Vertical
3	116.33	-66.38	-4.78	-71.16	-36	35.16	RMS	Vertical
4	207.704	-73.45	-5.98	-79.43	-36	43.43	RMS	Vertical
5	298.787	-73.24	-3.37	-76.61	-36	40.61	RMS	Vertical
6	500.062	-80.26	2.57	-77.69	-36	41.69	RMS	Vertical
7	7002	-65.52	9.68	-55.84	-30	25.84	RMS	Vertical

No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	41.058	-68.78	0.18	-68.6	-36	32.6	RMS	Horizontal
2	60.07	-63.19	-3.73	-66.92	-36	30.92	RMS	Horizontal
3	117.882	-64.88	-5.15	-70.03	-36	34.03	RMS	Horizontal
4	207.51	-66.34	-6.31	-72.65	-36	36.65	RMS	Horizontal
5	295.392	-77.28	-3.12	-80.4	-36	44.4	RMS	Horizontal
6	500.062	-79.47	2.48	-76.99	-36	40.99	RMS	Horizontal
7	7968	-66.43	10.81	-55.62	-30	25.62	RMS	Horizontal

Test Mode : Traffic Mode\_DC 3A-n7A\_5M

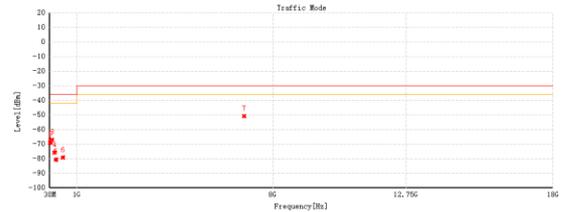
Test Mode : Traffic Mode\_DC 3A-n7A\_5M

### Vertical



No.	Freq. [Hz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.804	-64.9	1.03	-63.87	-36	27.87	RMS	Vertical
2	118.949	-62.17	-5.32	-67.49	-36	31.49	RMS	Vertical
3	194.9	-73.96	-5.82	-79.78	-36	43.78	RMS	Vertical
4	290.154	-74.78	-3.55	-78.33	-36	42.33	RMS	Vertical
5	404.129	-80.47	-0.53	-81	-36	45	RMS	Vertical
6	500.062	-78.96	2.57	-76.39	-36	40.39	RMS	Vertical
7	6981	-65.35	9.75	-55.6	-30	25.6	RMS	Vertical

### Horizontal

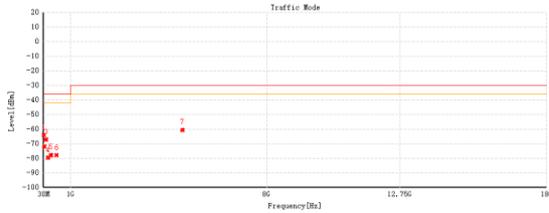


No.	Freq. [Hz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	44.162	-69.23	0.13	-69.1	-36	33.1	RMS	Horizontal
2	60.361	-64.06	-3.86	-67.92	-36	31.92	RMS	Horizontal
3	118.561	-61.72	-5.23	-66.95	-36	30.95	RMS	Horizontal
4	201.011	-69.03	-6.73	-75.76	-36	39.76	RMS	Horizontal
5	254.458	-76.51	-4.08	-80.59	-36	44.59	RMS	Horizontal
6	499.965	-81.6	2.48	-79.12	-36	43.12	RMS	Horizontal
7	6981	-60.33	9.57	-50.76	-30	20.76	RMS	Horizontal

Test Mode : Traffic Mode\_DC 3A-n7A\_20M

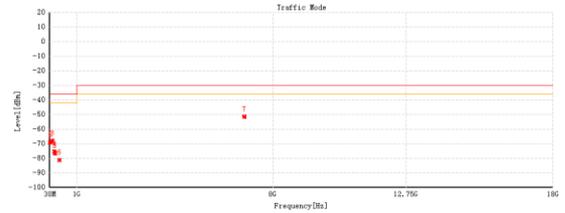
Test Mode : Traffic Mode\_DC 3A-n7A\_20M

### Vertical



No.	Freq. [Hz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.901	-65.02	1.04	-63.98	-36	27.98	RMS	Vertical
2	56.966	-72.46	0.57	-71.89	-36	35.89	RMS	Vertical
3	118.561	-61.88	-5.24	-67.12	-36	31.12	RMS	Vertical
4	195.482	-73.64	-5.89	-79.53	-36	43.53	RMS	Vertical
5	295.083	-74.36	-3.43	-77.79	-36	41.79	RMS	Vertical
6	500.062	-80.39	2.57	-77.82	-36	41.82	RMS	Vertical
7	4990.5	-65.75	5.21	-60.54	-30	30.54	RMS	Vertical

### Horizontal

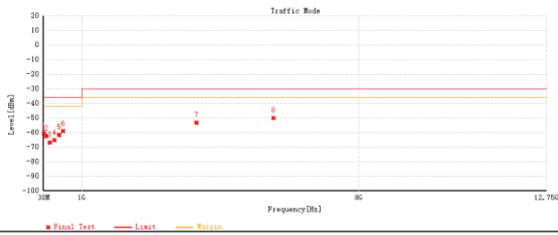


No.	Freq. [Hz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.998	-69.26	0.15	-69.11	-36	33.11	RMS	Horizontal
2	61.234	-64.55	-4.24	-68.79	-36	32.79	RMS	Horizontal
3	119.337	-62.61	-5.32	-67.93	-36	31.93	RMS	Horizontal
4	200.041	-68.45	-6.8	-75.25	-36	39.25	RMS	Horizontal
5	216.143	-70.95	-5.74	-76.69	-36	40.69	RMS	Horizontal
6	382.204	-80.5	-0.65	-81.15	-36	45.15	RMS	Horizontal
7	6981	-61.04	9.57	-51.47	-30	21.47	RMS	Horizontal

Test Mode : Traffic Mode\_DC 1A-n28A\_5M

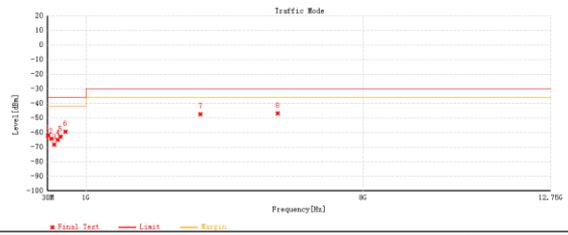
Test Mode : Traffic Mode\_DC 1A-n28A\_5M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.901	-71.18	10.83	-60.35	-36	24.35	RMS	Vertical
2	190.713	-70.88	8.41	-62.47	-36	26.47	RMS	Vertical
3	188.207	-71.38	4.45	-66.93	-36	30.93	RMS	Vertical
4	306.062	-71.97	6.76	-65.21	-36	29.21	RMS	Vertical
5	421.88	-71.34	9.71	-61.63	-36	25.63	RMS	Vertical
6	523.536	-71.36	12.36	-59	-36	23	RMS	Vertical
7	3895.538	-57.3	4.02	-53.28	-30	23.28	RMS	Vertical
8	5843.1	-57.51	7.53	-49.98	-30	19.98	RMS	Vertical

### Horizontal

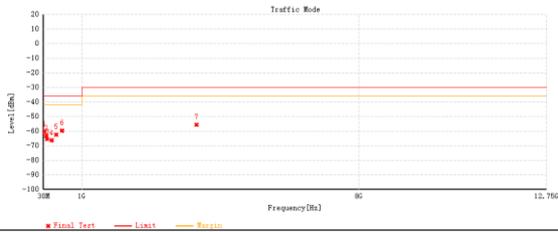


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	41.64	-72	9.96	-62.04	-36	26.04	RMS	Horizontal
2	118.755	-68.75	4.54	-64.21	-36	28.21	RMS	Horizontal
3	196.84	-71.41	3.16	-68.25	-36	32.25	RMS	Horizontal
4	288.505	-71.63	6.63	-65	-36	29	RMS	Horizontal
5	353.398	-71.51	8.58	-62.93	-36	26.93	RMS	Horizontal
6	473.387	-70.84	11.46	-59.38	-36	23.38	RMS	Horizontal
7	3895.538	-51.12	3.74	-47.38	-30	17.38	RMS	Horizontal
8	5843.587	-53.75	6.93	-46.82	-30	16.82	RMS	Horizontal

Test Mode : Traffic Mode\_DC 1A-n28A\_30M

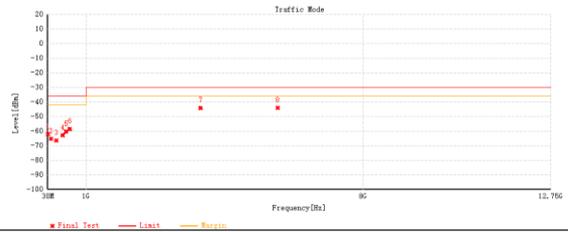
Test Mode : Traffic Mode\_DC 1A-n28A\_30M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	49.885	-71.83	11.46	-60.37	-36	24.37	RMS	Vertical
2	99.549	-71.81	8.49	-63.32	-36	27.32	RMS	Vertical
3	122.247	-69.58	4.13	-65.45	-36	29.45	RMS	Vertical
4	236.901	-71.79	5.48	-66.31	-36	30.31	RMS	Vertical
5	352.719	-71.17	8.71	-62.46	-36	26.46	RMS	Vertical
6	495.988	-71.94	12.33	-59.61	-36	23.61	RMS	Vertical
7	3895.538	-59.65	4.02	-55.63	-30	25.63	RMS	Vertical

### Horizontal

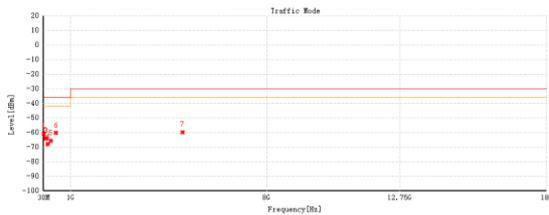


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	39.603	-71.95	9.89	-62.06	-36	26.06	RMS	Horizontal
2	113.129	-70.46	5.16	-65.3	-36	29.3	RMS	Horizontal
3	247.668	-72.2	5.73	-66.47	-36	30.47	RMS	Horizontal
4	407.021	-72.24	9.53	-62.71	-36	26.71	RMS	Horizontal
5	490.667	-72.6	12.28	-60.32	-36	24.32	RMS	Horizontal
6	584.161	-71.66	13.22	-58.44	-36	22.44	RMS	Horizontal
7	3895.538	-47.87	3.74	-44.13	-30	14.13	RMS	Horizontal
8	5843.1	-50.82	6.93	-43.89	-30	13.89	RMS	Horizontal

Test Mode : Traffic Mode\_DC 8A-n40A\_10M

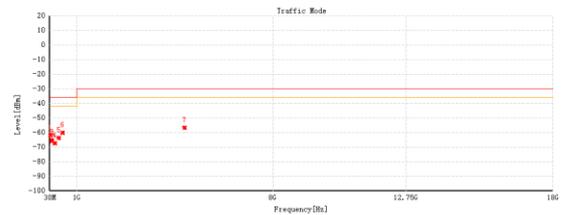
Test Mode : Traffic Mode\_DC 8A-n40A\_10M

### Vertical



No.	Freq. [Hz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.513	-71.69	10.79	-60.9	-36	24.9	RMS	Vertical
2	100.519	-72.22	8.45	-63.77	-36	27.77	RMS	Vertical
3	117.203	-68.87	4.83	-64.04	-36	28.04	RMS	Vertical
4	185.685	-72.06	4.24	-67.82	-36	31.82	RMS	Vertical
5	293.161	-72.07	6.47	-65.6	-36	29.6	RMS	Vertical
6	479.11	-72.02	11.82	-60.2	-36	24.2	RMS	Vertical
7	4995.75	-64.96	5.17	-59.79	-30	29.79	RMS	Vertical

### Horizontal

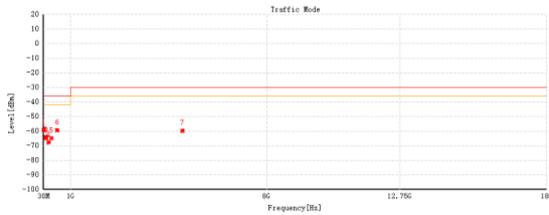


No.	Freq. [Hz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	47.266	-71.76	9.89	-61.87	-36	25.87	RMS	Horizontal
2	99.258	-72.04	7.08	-64.96	-36	28.96	RMS	Horizontal
3	120.307	-70.18	4.38	-65.8	-36	29.8	RMS	Horizontal
4	217.598	-71.59	4.29	-67.3	-36	31.3	RMS	Horizontal
5	350.488	-72.22	8.59	-63.63	-36	27.63	RMS	Horizontal
6	490.75	-72.25	12.16	-60.09	-36	24.09	RMS	Horizontal
7	4843.5	-61.43	4.82	-56.61	-30	26.61	RMS	Horizontal

Test Mode : Traffic Mode\_DC 8A-n40A\_80M

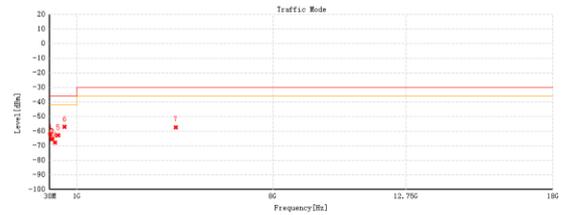
Test Mode : Traffic Mode\_DC 8A-n40A\_80M

### Vertical



No.	Freq. [Hz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	41.155	-69.68	10.67	-59.01	-36	23.01	RMS	Vertical
2	100.519	-72.35	8.45	-63.9	-36	27.9	RMS	Vertical
3	123.023	-68.94	4.09	-64.85	-36	28.85	RMS	Vertical
4	216.434	-72.08	4.45	-67.63	-36	31.63	RMS	Vertical
5	317.411	-71.7	7.01	-64.69	-36	28.69	RMS	Vertical
6	519.947	-71.61	12.34	-59.27	-36	23.27	RMS	Vertical
7	4994.25	-64.85	5.18	-59.67	-30	29.67	RMS	Vertical

### Horizontal

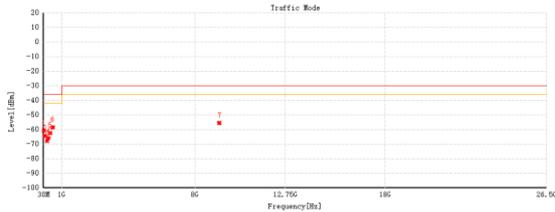


No.	Freq. [Hz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	50.273	-72.1	9.75	-62.35	-36	26.35	RMS	Horizontal
2	104.011	-71.72	6.57	-65.15	-36	29.15	RMS	Horizontal
3	118.852	-70.1	4.53	-65.57	-36	29.57	RMS	Horizontal
4	220.314	-72.35	4.48	-67.87	-36	31.87	RMS	Horizontal
5	338.169	-71.06	8.37	-62.69	-36	26.69	RMS	Horizontal
6	562.142	-69.76	12.72	-57.04	-36	21.04	RMS	Horizontal
7	4531.5	-62.2	4.89	-57.31	-30	27.31	RMS	Horizontal

Test Mode : Traffic Mode\_DC 8A-n77A\_10M

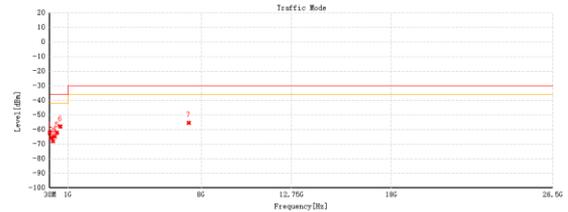
Test Mode : Traffic Mode\_DC 8A-n77A\_10M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	40.478	-71.47	10.6	-60.87	-36	24.87	RMS	Vertical
2	100.713	-72.7	8.41	-64.29	-36	28.29	RMS	Vertical
3	216.531	-72.32	4.46	-67.86	-36	31.86	RMS	Vertical
4	286.953	-72.19	6.33	-65.86	-36	29.86	RMS	Vertical
5	388.124	-71.7	9.36	-62.34	-36	26.34	RMS	Vertical
6	517.328	-70.83	12.35	-58.48	-36	22.48	RMS	Vertical
7	9277.8	-68.01	12.46	-55.55	-30	25.55	RMS	Vertical

### Horizontal

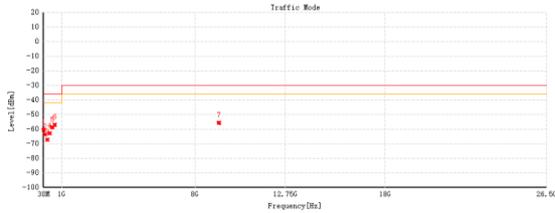


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	39.894	-72.15	9.96	-62.19	-36	26.19	RMS	Horizontal
2	112.644	-70.69	5.22	-65.47	-36	29.47	RMS	Horizontal
3	201.961	-71.23	3.14	-68.09	-36	32.09	RMS	Horizontal
4	299.757	-71.73	6.96	-64.77	-36	28.77	RMS	Horizontal
5	410.725	-71.7	9.61	-62.09	-36	26.09	RMS	Horizontal
6	579.311	-70.88	13.04	-57.84	-36	21.84	RMS	Horizontal
7	7543.4	-67.03	11.7	-55.33	-30	25.33	RMS	Horizontal

Test Mode : Traffic Mode\_DC 8A-n77A\_100M

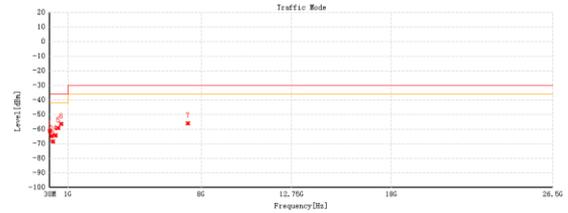
Test Mode : Traffic Mode\_DC 8A-n77A\_100M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	40.379	-71.08	10.59	-60.49	-36	24.49	RMS	Vertical
2	115.651	-68.75	5.15	-63.6	-36	27.6	RMS	Vertical
3	234.673	-72.57	5.37	-67.2	-36	31.2	RMS	Vertical
4	363.68	-71.6	8.8	-62.8	-36	26.8	RMS	Vertical
5	500.45	-71.16	12.44	-58.72	-36	22.72	RMS	Vertical
6	628.296	-72.08	15.12	-56.96	-36	20.96	RMS	Vertical
7	9259.2	-68.1	12.38	-55.72	-30	25.72	RMS	Vertical

### Horizontal

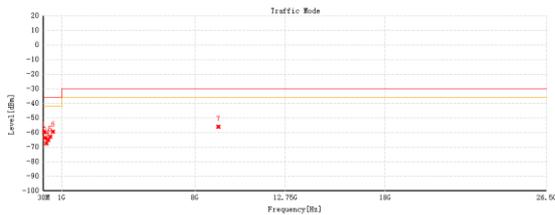


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	44.259	-71.26	9.93	-61.33	-36	25.33	RMS	Horizontal
2	119.24	-69.18	4.46	-64.7	-36	28.7	RMS	Horizontal
3	199.847	-71.55	3	-68.55	-36	32.55	RMS	Horizontal
4	334.68	-72.4	8.14	-64.26	-36	28.26	RMS	Horizontal
5	489.489	-71.33	12.14	-59.19	-36	23.19	RMS	Horizontal
6	641.585	-71.56	15.24	-56.32	-36	20.32	RMS	Horizontal
7	7306.8	-67.54	11.59	-55.95	-30	25.95	RMS	Horizontal

Test Mode : Traffic Mode\_DC 8A-n78A\_10M

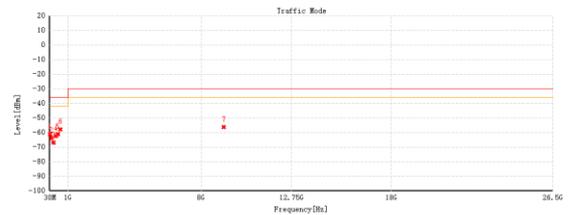
Test Mode : Traffic Mode\_DC 8A-n78A\_10M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	55.123	-70.44	10.69	-59.75	-36	23.75	RMS	Vertical
2	101.392	-72.01	8.26	-63.75	-36	27.75	RMS	Vertical
3	188.304	-71.88	4.46	-67.42	-36	31.42	RMS	Vertical
4	269.396	-70.89	5.9	-64.99	-36	28.99	RMS	Vertical
5	377.842	-72.09	9.3	-62.79	-36	26.79	RMS	Vertical
6	530.617	-71.87	12.39	-59.48	-36	23.48	RMS	Vertical
7	9238.2	-68.32	12.29	-56.03	-30	26.03	RMS	Vertical

### Horizontal

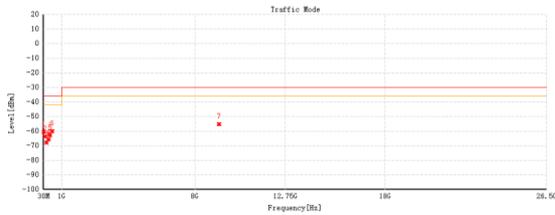


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.513	-71.17	9.95	-61.22	-36	25.22	RMS	Horizontal
2	117.979	-68.4	4.62	-63.78	-36	27.78	RMS	Horizontal
3	227.686	-71.78	4.88	-66.9	-36	30.9	RMS	Horizontal
4	351.167	-71.04	8.59	-62.45	-36	26.45	RMS	Horizontal
5	463.396	-71.85	10.73	-61.12	-36	25.12	RMS	Horizontal
6	593.473	-71.37	13.59	-57.78	-36	21.78	RMS	Horizontal
7	9183.6	-68.29	12.07	-56.22	-30	26.22	RMS	Horizontal

Test Mode : Traffic Mode\_DC 8A-n78A\_100M

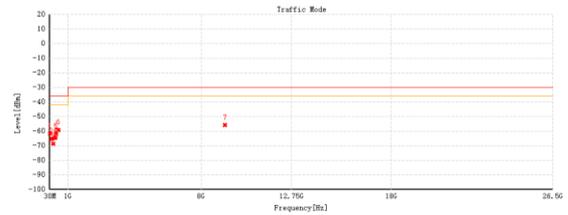
Test Mode : Traffic Mode\_DC 8A-n78A\_100M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	44.162	-71.46	10.94	-60.52	-36	24.52	RMS	Vertical
2	116.039	-68.64	5.07	-63.57	-36	27.57	RMS	Vertical
3	186.073	-72.17	4.27	-67.9	-36	31.9	RMS	Vertical
4	292.87	-72.05	6.46	-65.59	-36	29.59	RMS	Vertical
5	371.052	-71.79	9.06	-62.73	-36	26.73	RMS	Vertical
6	480.468	-71.88	11.9	-59.98	-36	23.98	RMS	Vertical
7	9265.8	-67.71	12.41	-55.3	-30	25.3	RMS	Vertical

### Horizontal

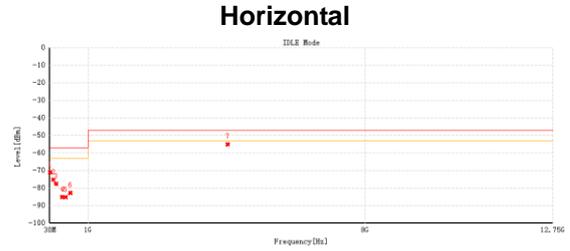
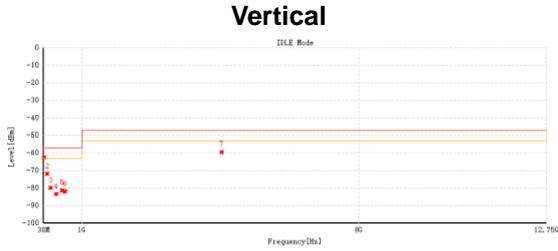


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	43.968	-71.4	9.93	-61.47	-36	25.47	RMS	Horizontal
2	116.621	-70.09	4.78	-65.31	-36	29.31	RMS	Horizontal
3	207.898	-72.16	3.57	-68.59	-36	32.59	RMS	Horizontal
4	324.589	-72.12	7.52	-64.6	-36	28.6	RMS	Horizontal
5	399.888	-70.76	8.95	-61.81	-36	25.81	RMS	Horizontal
6	483.572	-71.07	12.02	-59.05	-36	23.05	RMS	Horizontal
7	9246.6	-68.19	12.36	-55.83	-30	25.83	RMS	Horizontal

## 4.7 RADIATED EMISSIONS IDLE MODE MEASUREMENT (UE) RESULTS

Test Mode : Idle\_n1\_5M

Test Mode : Idle\_n1\_5M

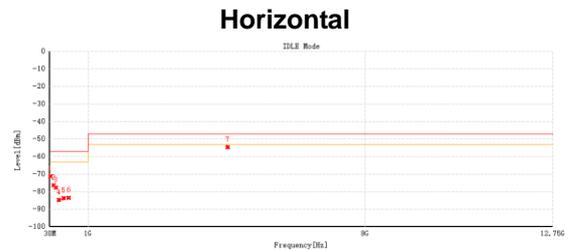
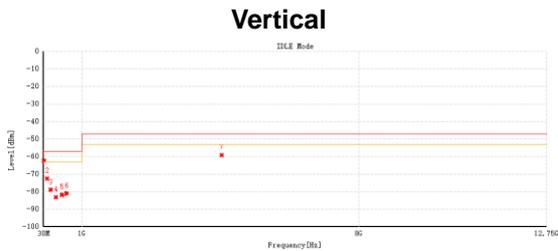


#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	42.125	-63.44	0.97	-62.47	-57	5.47	RMS	Vertical
2	121.277	-66.29	-5.61	-71.90	-57	14.89	RMS	Vertical
3	210.517	-74.03	-5.82	-78.85	-57	22.85	RMS	Vertical
4	350.682	-82.22	-1.18	-83.4	-57	26.4	RMS	Vertical
5	499.945	-83.95	2.57	-81.38	-57	24.38	RMS	Vertical
6	599.223	-84.81	2.89	-81.92	-57	24.96	RMS	Vertical
7	4531.462	-57.57	-1.92	-59.49	-47	12.49	RMS	Vertical

#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	42.901	-71.99	0.15	-70.94	-57	13.94	RMS	Horizontal
2	119.531	-69.85	-5.34	-75.19	-57	18.19	RMS	Horizontal
3	190.341	-71.25	-6.31	-77.56	-57	20.56	RMS	Horizontal
4	347.966	-82.75	-1.22	-83.97	-57	26.97	RMS	Horizontal
5	432.928	-85.17	-0.07	-85.24	-57	28.24	RMS	Horizontal
6	548.077	-85.21	2.41	-82.8	-57	25.8	RMS	Horizontal
7	4531.462	-53.04	-2	-55.04	-47	8.04	RMS	Horizontal

Test Mode : Idle\_n1\_50M

Test Mode : Idle\_n1\_50M



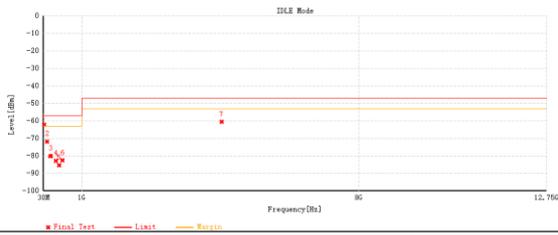
#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	42.804	-63.37	1.03	-62.34	-57	5.34	RMS	Vertical
2	120.016	-66.89	-5.54	-72.43	-57	15.43	RMS	Vertical
3	211.099	-73.16	-5.78	-78.94	-57	21.94	RMS	Vertical
4	347.19	-61.9	-1.22	-63.12	-57	26.12	RMS	Vertical
5	499.955	-84.38	2.57	-81.81	-57	24.81	RMS	Vertical
6	612.776	-85.46	4.46	-81	-57	24	RMS	Vertical
7	4531.462	-57.19	-1.92	-59.11	-47	12.11	RMS	Vertical

#	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	43.095	-71.32	0.15	-71.17	-57	14.17	RMS	Horizontal
2	122.247	-70.77	-5.58	-76.35	-57	19.33	RMS	Horizontal
3	190.341	-71.39	-6.31	-77.7	-57	20.7	RMS	Horizontal
4	266.486	-80.78	-3.93	-84.71	-57	27.71	RMS	Horizontal
5	384.632	-83.1	-0.64	-83.74	-57	26.74	RMS	Horizontal
6	508.989	-85.83	2.4	-83.43	-57	26.43	RMS	Horizontal
7	4531.462	-52.62	-2	-54.62	-47	7.62	RMS	Horizontal

Test Mode : Idle\_n3\_5M

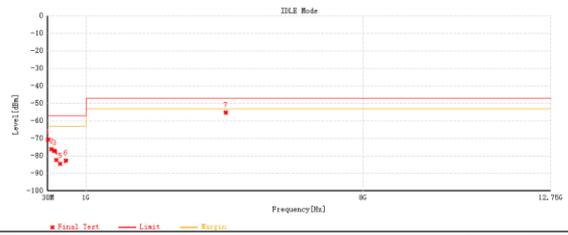
Test Mode : Idle\_n3\_5M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.125	-63.12	0.97	-62.15	-57	5.15	RMS	Vertical
2	120.016	-66.18	-5.54	-71.72	-57	14.72	RMS	Vertical
3	209.159	-74.12	-5.9	-80.02	-57	23.02	RMS	Vertical
4	348.548	-81.6	-1.2	-82.8	-57	25.8	RMS	Vertical
5	428.476	-84.99	-0.29	-85.28	-57	28.28	RMS	Vertical
6	508.889	-85.05	2.49	-82.56	-57	25.56	RMS	Vertical
7	4530.875	-58.59	-1.92	-60.51	-47	13.51	RMS	Vertical

### Horizontal

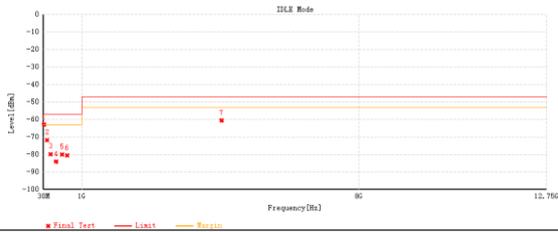


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.028	-70.8	0.17	-70.63	-57	13.63	RMS	Horizontal
2	119.046	-70.86	-5.28	-76.14	-57	19.14	RMS	Horizontal
3	198.877	-70.36	-6.74	-77.1	-57	20.1	RMS	Horizontal
4	247.571	-78.21	-4.13	-82.34	-57	25.34	RMS	Horizontal
5	349.518	-83.19	-1.3	-84.49	-57	27.49	RMS	Horizontal
6	488.034	-84.95	2.17	-82.78	-57	25.78	RMS	Horizontal
7	4531.462	-53.23	-2	-55.23	-47	8.23	RMS	Horizontal

Test Mode : Idle\_n3\_30M

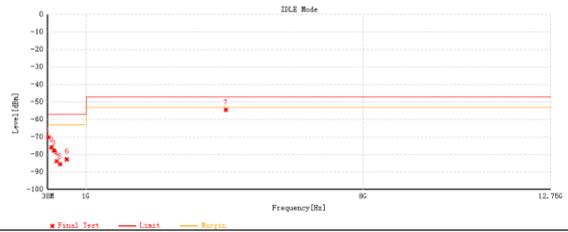
Test Mode : Idle\_n3\_30M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	43.289	-64.01	1.07	-62.94	-57	5.94	RMS	Vertical
2	121.762	-66.19	-5.54	-71.83	-57	14.83	RMS	Vertical
3	210.711	-73.97	-5.81	-79.78	-57	22.78	RMS	Vertical
4	348.936	-82.86	-1.19	-84.05	-57	27.05	RMS	Vertical
5	499.965	-82.59	2.57	-80.02	-57	23.02	RMS	Vertical
6	627.52	-85.68	5.12	-80.56	-57	23.56	RMS	Vertical
7	4531.462	-58.66	-1.92	-60.58	-47	13.58	RMS	Vertical

### Horizontal

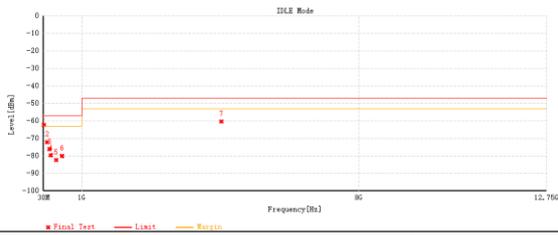


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.319	-70.37	0.16	-70.21	-57	13.21	RMS	Horizontal
2	120.321	-70.01	-5.85	-75.86	-57	18.86	RMS	Horizontal
3	189.177	-71.41	-6.39	-77.8	-57	20.8	RMS	Horizontal
4	251.645	-79.71	-4.07	-83.78	-57	26.78	RMS	Horizontal
5	341.467	-84.13	-1.37	-85.5	-57	28.5	RMS	Horizontal
6	511.896	-85.14	2.37	-82.77	-57	25.77	RMS	Horizontal
7	4530.875	-52.49	-2.01	-54.5	-47	7.5	RMS	Horizontal

Test Mode : Idle\_n5\_5M

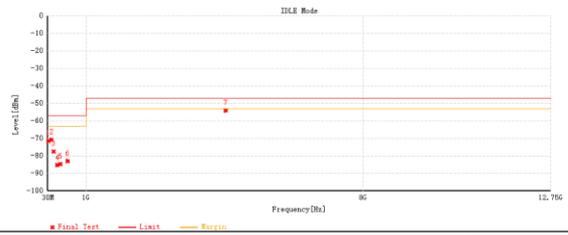
Test Mode : Idle\_n5\_5M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.416	-63.28	0.99	-62.29	-57	5.29	RMS	Vertical
2	120.598	-66.57	-5.57	-72.14	-57	15.14	RMS	Vertical
3	183.163	-70.36	-5.82	-76.18	-57	19.18	RMS	Vertical
4	213.524	-73.95	-5.64	-79.59	-57	22.59	RMS	Vertical
5	349.809	-81.1	-1.17	-82.27	-57	25.27	RMS	Vertical
6	499.965	-82.67	2.57	-80.1	-57	23.1	RMS	Vertical
7	4531.462	-58.39	-1.92	-60.31	-47	13.31	RMS	Vertical

### Horizontal

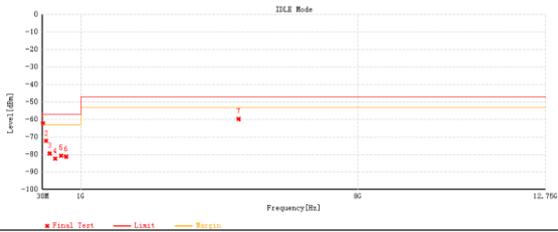


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.513	-71.58	0.16	-71.42	-57	14.42	RMS	Horizontal
2	121.762	-65.23	-5.52	-70.75	-57	13.75	RMS	Horizontal
3	177.246	-69.86	-7.6	-77.46	-57	20.46	RMS	Horizontal
4	274.543	-81.47	-3.72	-85.19	-57	28.19	RMS	Horizontal
5	351.07	-83.37	-1.31	-84.68	-57	27.68	RMS	Horizontal
6	537.019	-85.38	2.4	-82.98	-57	25.98	RMS	Horizontal
7	4531.462	-52.06	-2	-54.06	-47	7.06	RMS	Horizontal

Test Mode : Idle\_n5\_20M

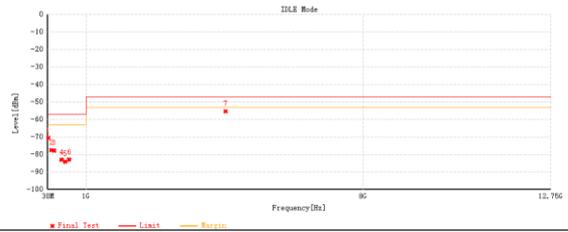
Test Mode : Idle\_n5\_20M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.125	-63.19	0.97	-62.22	-57	5.22	RMS	Vertical
2	119.919	-66.75	-5.52	-72.27	-57	15.27	RMS	Vertical
3	213.718	-73.82	-5.63	-79.45	-57	22.45	RMS	Vertical
4	351.652	-81.22	-1.18	-82.4	-57	25.4	RMS	Vertical
5	499.965	-83.23	2.57	-80.66	-57	23.66	RMS	Vertical
6	623.252	-86.18	4.99	-81.19	-57	24.19	RMS	Vertical
7	4987.382	-59.25	-0.5	-59.75	-47	12.75	RMS	Vertical

### Horizontal

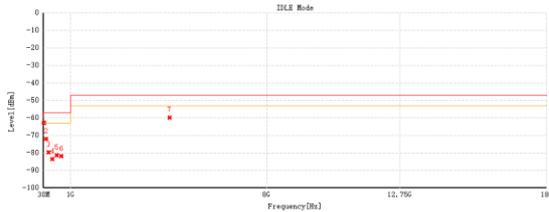


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	43.58	-70.67	0.14	-70.53	-57	13.53	RMS	Horizontal
2	121.18	-72.1	-5.48	-77.58	-57	20.58	RMS	Horizontal
3	190.147	-71.48	-6.3	-77.78	-57	20.78	RMS	Horizontal
4	378.327	-82.18	-0.72	-82.9	-57	25.9	RMS	Horizontal
5	475.021	-85.66	1.62	-84.04	-57	27.04	RMS	Horizontal
6	572.715	-85.75	2.86	-82.89	-57	25.89	RMS	Horizontal
7	4531.462	-53.33	-2	-55.33	-47	8.33	RMS	Horizontal

Test Mode : Idle\_n7\_5M

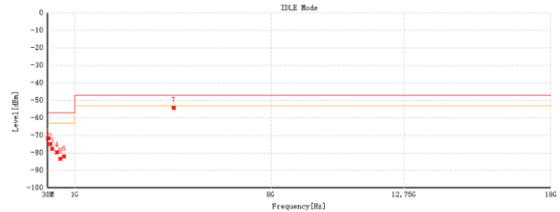
Test Mode : Idle\_n7\_5M

### Vertical



No.	Freq. [Hz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.998	-63.87	1.04	-62.83	-57	5.83	RMS	Vertical
2	121.762	-66.42	-5.64	-72.06	-57	15.06	RMS	Vertical
3	210.711	-73.75	-5.81	-79.56	-57	22.56	RMS	Vertical
4	351.361	-82.29	-1.18	-83.47	-57	26.47	RMS	Vertical
5	499.965	-83.89	2.57	-81.32	-57	24.32	RMS	Vertical
6	664.38	-87.25	5.32	-81.93	-57	24.93	RMS	Vertical
7	4530.9	-57.85	-1.92	-59.77	-47	12.77	RMS	Vertical

### Horizontal

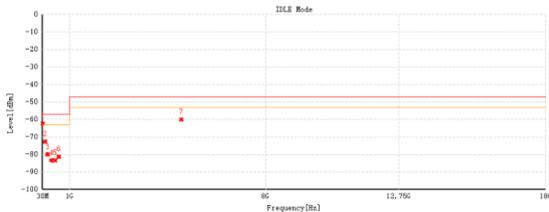


No.	Freq. [Hz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.513	-71.7	0.16	-71.54	-57	14.54	RMS	Horizontal
2	121.568	-69.54	-5.51	-75.05	-57	18.05	RMS	Horizontal
3	193.542	-71.15	-6.47	-77.62	-57	20.62	RMS	Horizontal
4	352.913	-78.3	-1.31	-79.61	-57	22.61	RMS	Horizontal
5	478.334	-85.14	1.84	-83.3	-57	26.3	RMS	Horizontal
6	609.478	-86.28	4.23	-82.05	-57	25.05	RMS	Horizontal
7	4530.9	-52.28	-2.01	-54.29	-47	7.29	RMS	Horizontal

Test Mode : Idle\_n7\_20M

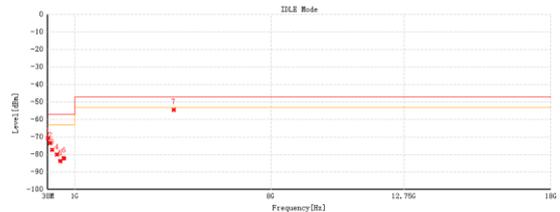
Test Mode : Idle\_n7\_20M

### Vertical



No.	Freq. [Hz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.319	-63.21	0.98	-62.23	-57	5.23	RMS	Vertical
2	120.501	-67.01	-5.57	-72.58	-57	15.58	RMS	Vertical
3	209.159	-73.94	-5.9	-79.84	-57	22.84	RMS	Vertical
4	348.354	-82.12	-1.2	-83.32	-57	26.32	RMS	Vertical
5	481.341	-85.27	1.95	-83.32	-57	26.32	RMS	Vertical
6	614.134	-85.78	4.54	-81.24	-57	24.24	RMS	Vertical
7	4991.6	-59.49	-0.53	-60.02	-47	13.02	RMS	Vertical

### Horizontal

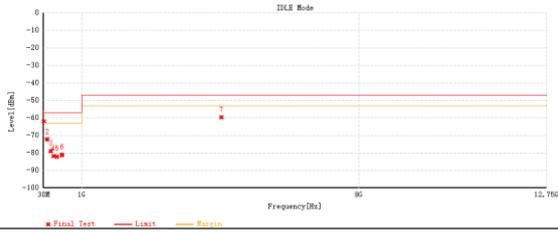


No.	Freq. [Hz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.998	-70.68	0.15	-70.53	-57	13.53	RMS	Horizontal
2	118.658	-68.19	-5.24	-73.43	-57	16.43	RMS	Horizontal
3	190.826	-71.96	-6.33	-77.39	-57	20.39	RMS	Horizontal
4	353.01	-78.7	-1.31	-80.01	-57	23.01	RMS	Horizontal
5	476.088	-85.38	1.71	-83.67	-57	26.67	RMS	Horizontal
6	609.187	-86.37	4.22	-82.15	-57	25.15	RMS	Horizontal
7	4530.9	-52.4	-2.01	-54.41	-47	7.41	RMS	Horizontal

Test Mode : Idle\_n8\_5M

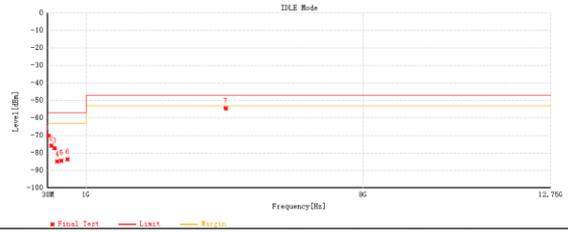
Test Mode : Idle\_n8\_5M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	41.854	-62.92	0.94	-61.98	-57	4.98	RMS	Vertical
2	119.919	-66.78	-5.52	-72.3	-57	15.3	RMS	Vertical
3	213.233	-73.26	-5.66	-78.92	-57	21.92	RMS	Vertical
4	281.23	-78.03	-3.75	-81.78	-57	24.78	RMS	Vertical
5	375.029	-81.33	-0.78	-82.11	-57	25.11	RMS	Vertical
6	500.062	-83.72	2.57	-81.15	-57	24.15	RMS	Vertical
7	4531.462	-57.73	-1.92	-59.65	-47	12.65	RMS	Vertical

### Horizontal

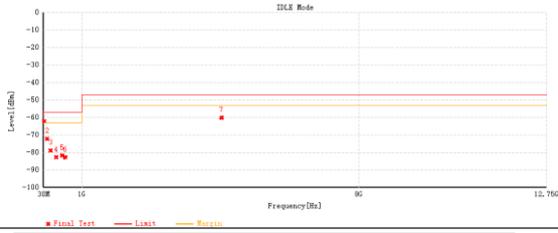


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.998	-70.34	0.15	-70.19	-57	13.19	RMS	Horizontal
2	118.852	-70.65	-5.26	-75.91	-57	18.91	RMS	Horizontal
3	203.242	-70.61	-6.59	-77.2	-57	20.2	RMS	Horizontal
4	271.724	-81.06	-3.79	-84.85	-57	27.85	RMS	Horizontal
5	374.835	-83.57	-0.84	-84.41	-57	27.41	RMS	Horizontal
6	527.707	-85.95	2.94	-83.01	-57	26.01	RMS	Horizontal
7	4530.875	-52.57	-2.01	-54.58	-47	7.58	RMS	Horizontal

Test Mode : Idle\_n8\_20M

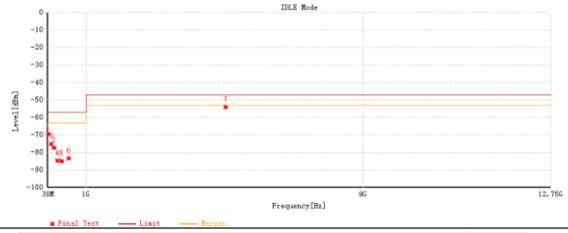
Test Mode : Idle\_n8\_20M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.319	-63.15	0.98	-62.17	-57	5.17	RMS	Vertical
2	121.18	-66.53	-5.61	-72.14	-57	15.14	RMS	Vertical
3	214.397	-73.23	-5.59	-78.82	-57	21.82	RMS	Vertical
4	352.719	-81.49	-1.19	-82.68	-57	25.68	RMS	Vertical
5	499.965	-84.32	2.57	-81.75	-57	24.75	RMS	Vertical
6	578.923	-85.71	2.95	-82.76	-57	25.76	RMS	Vertical
7	4531.462	-58.17	-1.92	-60.09	-47	13.09	RMS	Vertical

### Horizontal

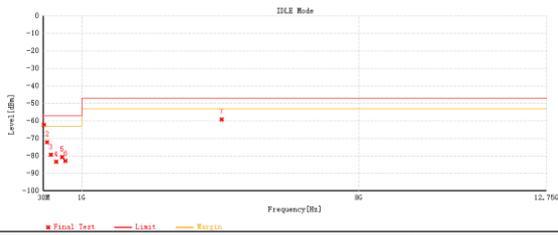


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.804	-69.61	0.16	-69.45	-57	12.45	RMS	Horizontal
2	121.665	-69.56	-5.51	-75.07	-57	18.07	RMS	Horizontal
3	190.535	-70.93	-6.32	-77.25	-57	20.25	RMS	Horizontal
4	274.925	-80.99	-3.71	-84.7	-57	27.7	RMS	Horizontal
5	385.005	-84.32	-0.63	-84.95	-57	27.95	RMS	Horizontal
6	557.098	-85.95	2.62	-83.33	-57	26.33	RMS	Horizontal
7	4531.462	-51.95	-2	-53.95	-47	6.95	RMS	Horizontal

Test Mode : Idle\_n20\_5M

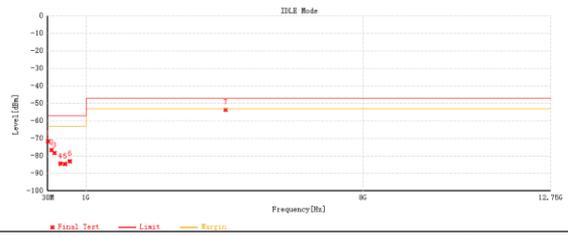
Test Mode : Idle\_n20\_5M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	43.095	-63.33	1.05	-62.28	-57	5.28	RMS	Vertical
2	121.277	-66.5	-5.61	-72.11	-57	15.11	RMS	Vertical
3	213.524	-73.67	-5.64	-79.31	-57	22.31	RMS	Vertical
4	350.488	-82.2	-1.17	-83.37	-57	26.37	RMS	Vertical
5	500.062	-83.32	2.57	-80.75	-57	23.75	RMS	Vertical
6	586.877	-86.09	3.22	-82.87	-57	25.87	RMS	Vertical
7	4530.875	-57.22	-1.92	-59.14	-47	12.14	RMS	Vertical

### Horizontal

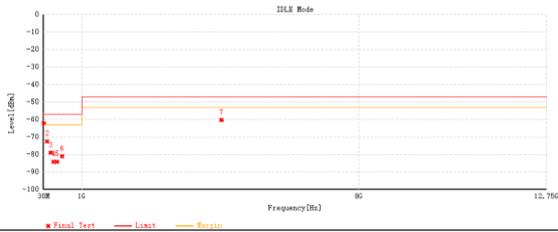


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	41.834	-71.81	0.17	-71.64	-57	14.64	RMS	Horizontal
2	124.187	-70.94	-5.7	-76.64	-57	19.64	RMS	Horizontal
3	203.921	-71.77	-6.54	-78.31	-57	21.31	RMS	Horizontal
4	352.816	-83.14	-1.31	-84.45	-57	27.45	RMS	Horizontal
5	471.156	-85.82	1.29	-84.53	-57	27.53	RMS	Horizontal
6	585.228	-86.15	3.14	-83.01	-57	26.01	RMS	Horizontal
7	4530.875	-51.65	-2.01	-53.66	-47	6.66	RMS	Horizontal

Test Mode : Idle\_n20\_20M

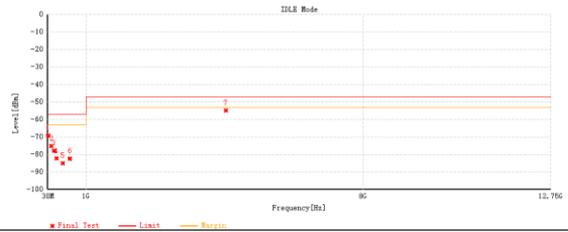
Test Mode : Idle\_n20\_20M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.513	-63.34	1	-62.34	-57	5.34	RMS	Vertical
2	120.501	-66.88	-5.57	-72.45	-57	15.45	RMS	Vertical
3	213.233	-73.28	-5.66	-78.94	-57	21.94	RMS	Vertical
4	285.498	-80.42	-3.65	-84.07	-57	27.07	RMS	Vertical
5	375.029	-83.34	-0.78	-84.12	-57	27.12	RMS	Vertical
6	499.965	-83.64	2.57	-81.07	-57	24.07	RMS	Vertical
7	4530.875	-58.34	-1.92	-60.26	-47	13.26	RMS	Vertical

### Horizontal

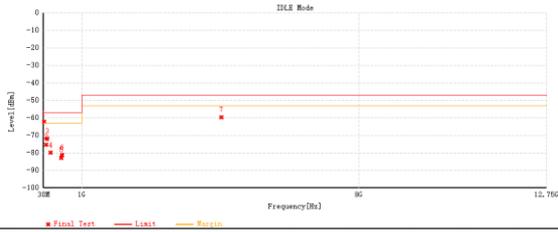


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.804	-69.41	0.16	-69.25	-57	12.25	RMS	Horizontal
2	120.889	-69.76	-5.46	-75.22	-57	18.22	RMS	Horizontal
3	193.057	-71.48	-6.45	-77.93	-57	20.93	RMS	Horizontal
4	251.16	-78.1	-4.07	-82.17	-57	25.17	RMS	Horizontal
5	410.822	-84.54	-0.36	-84.9	-57	27.9	RMS	Horizontal
6	586.877	-85.58	3.21	-82.37	-57	25.37	RMS	Horizontal
7	4531.462	-52.94	-2	-54.94	-47	7.94	RMS	Horizontal

Test Mode : Idle\_n28\_5M

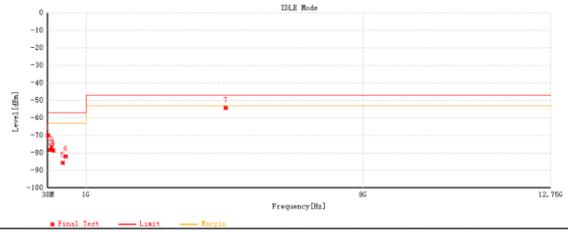
Test Mode : Idle\_n28\_5M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	42.416	-63.12	0.99	-62.13	-57	5.13	RMS	Vertical
2	97.803	-73.62	-1.61	-75.23	-57	18.23	RMS	Vertical
3	120.695	-66.38	-5.58	-71.96	-57	14.96	RMS	Vertical
4	211.584	-74.1	-5.76	-79.86	-57	22.86	RMS	Vertical
5	478.334	-84.51	1.77	-82.74	-57	25.74	RMS	Vertical
6	499.965	-83.79	2.57	-81.22	-57	24.22	RMS	Vertical
7	4530.875	-57.74	-1.92	-59.66	-47	12.66	RMS	Vertical

### Horizontal

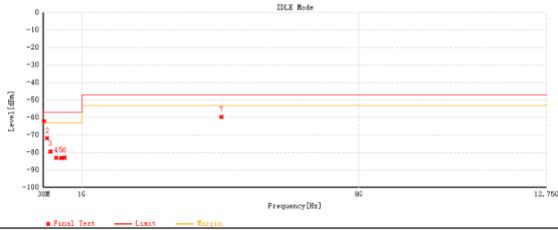


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	42.901	-70.17	0.15	-70.02	-57	13.02	RMS	Horizontal
2	96.154	-74.66	-3.55	-78.21	-57	21.21	RMS	Horizontal
3	124.963	-70.93	-5.75	-76.68	-57	19.68	RMS	Horizontal
4	177.828	-71.07	-7.58	-78.65	-57	21.65	RMS	Horizontal
5	410.143	-85.38	-0.37	-85.75	-57	28.75	RMS	Horizontal
6	491.623	-84.27	2.27	-82	-57	25	RMS	Horizontal
7	4531.462	-52.28	-2	-54.28	-47	7.28	RMS	Horizontal

Test Mode : Idle\_n28\_30M

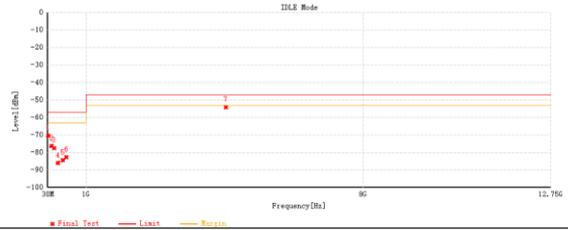
Test Mode : Idle\_n28\_30M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	42.804	-63.3	1.03	-62.27	-57	5.27	RMS	Vertical
2	120.695	-66.26	-5.58	-71.84	-57	14.84	RMS	Vertical
3	207.122	-73.39	-6.02	-79.41	-57	22.41	RMS	Vertical
4	346.511	-81.76	-1.23	-82.99	-57	25.99	RMS	Vertical
5	477.752	-84.75	1.72	-83.03	-57	26.03	RMS	Vertical
6	556.225	-85.62	2.65	-82.97	-57	25.97	RMS	Vertical
7	4531.462	-57.71	-1.92	-59.63	-47	12.63	RMS	Vertical

### Horizontal

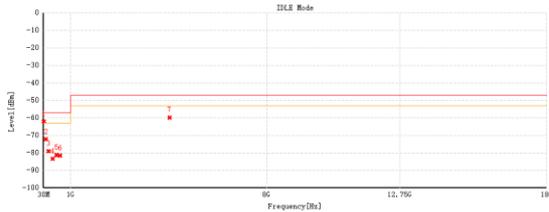


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity
1	43.386	-70.52	0.15	-70.37	-57	13.37	RMS	Horizontal
2	125.06	-70.45	-5.76	-76.21	-57	19.21	RMS	Horizontal
3	192.475	-71	-6.42	-77.42	-57	20.42	RMS	Horizontal
4	288.408	-82.57	-3.33	-85.9	-57	28.9	RMS	Horizontal
5	413.829	-84.09	-0.31	-84.4	-57	27.4	RMS	Horizontal
6	504.912	-85.11	2.44	-82.67	-57	25.67	RMS	Horizontal
7	4531.462	-52.15	-2	-54.15	-47	7.15	RMS	Horizontal

Test Mode : Idle\_n38\_10M

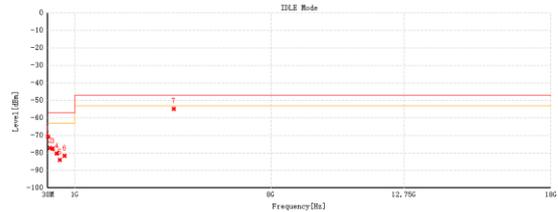
Test Mode : Idle\_n38\_10M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	LiA1 [dBm]	Margin [dB]	Detector	Polarity
1	42.998	-63.06	1.04	-62.02	-57	5.02	RMS	Vertical
2	119.337	-66.79	-5.4	-72.19	-57	15.19	RMS	Vertical
3	210.226	-73.24	-5.84	-79.08	-57	22.08	RMS	Vertical
4	355.435	-82.14	-1.21	-83.35	-57	26.35	RMS	Vertical
5	499.965	-83.78	2.57	-81.21	-57	24.21	RMS	Vertical
6	625.995	-86.58	5.05	-81.53	-57	24.53	RMS	Vertical
7	4530.9	-57.9	-1.92	-59.82	-47	12.82	RMS	Vertical

### Horizontal

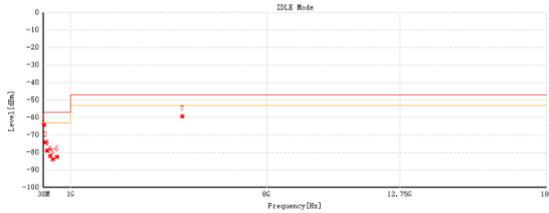


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	LiA1 [dBm]	Margin [dB]	Detector	Polarity
1	42.222	-70.71	0.16	-70.55	-57	13.55	RMS	Horizontal
2	120.598	-71.74	-5.43	-77.17	-57	20.17	RMS	Horizontal
3	201.399	-70.94	-6.71	-77.65	-57	20.65	RMS	Horizontal
4	353.786	-78.89	-1.32	-80.21	-57	23.21	RMS	Horizontal
5	468.246	-85.08	1.07	-84.01	-57	27.01	RMS	Horizontal
6	634.213	-86.87	5.18	-81.69	-57	24.69	RMS	Horizontal
7	4530.9	-52.82	-2.01	-54.83	-47	7.83	RMS	Horizontal

Test Mode : Idle\_n38\_20M

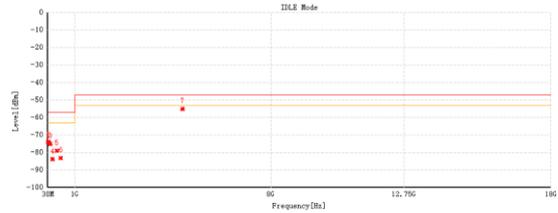
Test Mode : Idle\_n38\_20M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	LiA1 [dBm]	Margin [dB]	Detector	Polarity
1	42.61	-65.19	1.01	-64.18	-57	7.18	RMS	Vertical
2	93.729	-71.77	-2.34	-74.11	-57	17.11	RMS	Vertical
3	162.599	-72.61	-6.3	-78.91	-57	21.91	RMS	Vertical
4	269.202	-77.97	-3.98	-81.95	-57	24.95	RMS	Vertical
5	363.389	-82.72	-1.14	-83.86	-57	26.86	RMS	Vertical
6	513.157	-84.92	2.45	-82.47	-57	25.47	RMS	Vertical
7	4989.9	-58.84	-0.52	-59.36	-47	12.36	RMS	Vertical

### Horizontal

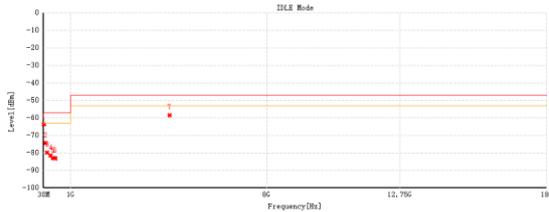


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	LiA1 [dBm]	Margin [dB]	Detector	Polarity
1	42.998	-74.02	0.15	-73.87	-57	16.87	RMS	Horizontal
2	70.352	-66.19	-8.04	-74.23	-57	17.23	RMS	Horizontal
3	121.18	-69.43	-5.48	-75.11	-57	18.11	RMS	Horizontal
4	204.212	-77.23	-0.52	-83.75	-57	26.75	RMS	Horizontal
5	352.816	-77.64	-1.31	-78.95	-57	21.95	RMS	Horizontal
6	494.533	-85.39	2.34	-83.05	-57	26.05	RMS	Horizontal
7	4843.7	-54.14	-0.95	-55.09	-47	8.09	RMS	Horizontal

Test Mode : Idle\_n40\_10M

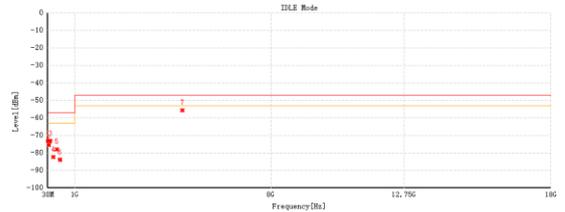
Test Mode : Idle\_n40\_10M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.222	-64.92	0.98	-63.94	-57	6.94	RMS	Vertical
2	94.893	-72.22	-2.13	-74.35	-57	17.35	RMS	Vertical
3	160.756	-73.47	-6.32	-79.79	-57	22.79	RMS	Vertical
4	285.983	-77.85	-3.64	-81.49	-57	24.49	RMS	Vertical
5	369.5	-82	-0.96	-82.96	-57	25.96	RMS	Vertical
6	443.899	-82.9	-0.24	-83.14	-57	26.14	RMS	Vertical
7	4530.9	-56.53	-1.92	-58.45	-47	11.45	RMS	Vertical

### Horizontal

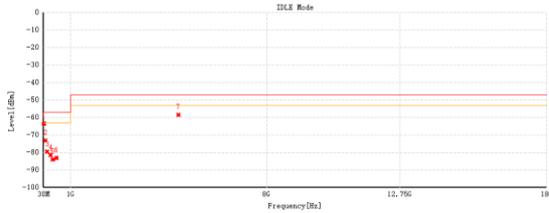


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.804	-73.31	0.16	-73.15	-57	16.15	RMS	Horizontal
2	89.964	-67.54	-8.04	-75.58	-57	18.58	RMS	Horizontal
3	118.076	-68.06	-5.18	-73.24	-57	16.24	RMS	Horizontal
4	235.058	-77.68	-4.63	-82.31	-57	25.31	RMS	Horizontal
5	352.428	-76.73	-1.31	-78.04	-57	21.04	RMS	Horizontal
6	469.992	-85.1	1.2	-83.9	-57	26.9	RMS	Horizontal
7	4843.7	-54.68	-0.95	-55.63	-47	8.63	RMS	Horizontal

Test Mode : Idle\_n40\_80M

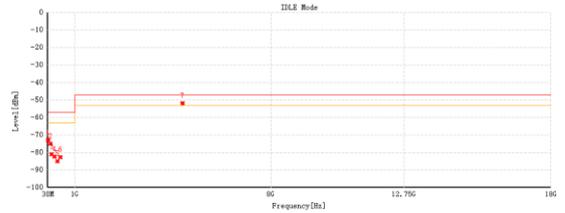
Test Mode : Idle\_n40\_80M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	41.931	-64.44	0.95	-63.49	-57	6.49	RMS	Vertical
2	94.117	-70.78	-2.27	-73.05	-57	16.05	RMS	Vertical
3	159.689	-73.2	-6.35	-79.55	-57	22.55	RMS	Vertical
4	285.013	-77.79	-3.66	-81.45	-57	24.45	RMS	Vertical
5	364.941	-82.85	-1.1	-83.95	-57	26.95	RMS	Vertical
6	489.489	-85.32	2.22	-83.1	-57	26.1	RMS	Vertical
7	4843.7	-58.31	-0.17	-58.48	-47	11.48	RMS	Vertical

### Horizontal

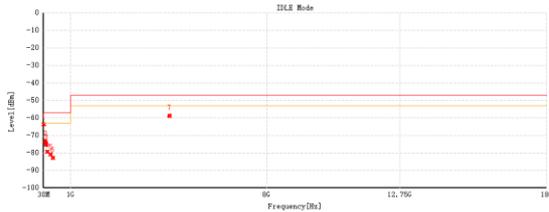


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	45.52	-73.19	0.11	-73.08	-57	16.08	RMS	Horizontal
2	121.762	-69.4	-5.52	-74.92	-57	17.92	RMS	Horizontal
3	163.084	-73.01	-7.97	-80.98	-57	23.98	RMS	Horizontal
4	279.096	-78.75	-3.59	-82.34	-57	25.34	RMS	Horizontal
5	382.304	-84.29	-0.65	-84.94	-57	27.94	RMS	Horizontal
6	483.669	-84.77	2.06	-82.71	-57	25.71	RMS	Horizontal
7	4843.7	-50.91	-0.95	-51.86	-47	4.86	RMS	Horizontal

Test Mode : Idle\_n41\_10M

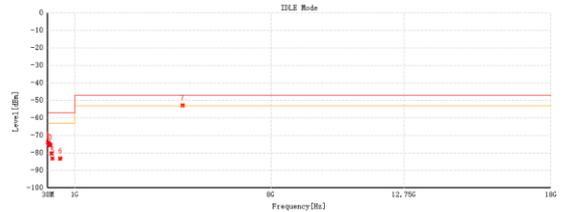
Test Mode : Idle\_n41\_10M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	41.931	-64.66	0.95	-63.71	-57	6.71	RMS	Vertical
2	94.02	-71.06	-2.28	-73.34	-57	16.34	RMS	Vertical
3	119.143	-70.02	-5.36	-75.38	-57	18.38	RMS	Vertical
4	161.338	-72.99	-6.32	-79.31	-57	22.31	RMS	Vertical
5	283.752	-77.23	-3.69	-80.92	-57	23.92	RMS	Vertical
6	362.613	-81.65	-1.17	-82.82	-57	25.82	RMS	Vertical
7	4530.9	-56.77	-1.92	-58.69	-47	11.69	RMS	Vertical

### Horizontal

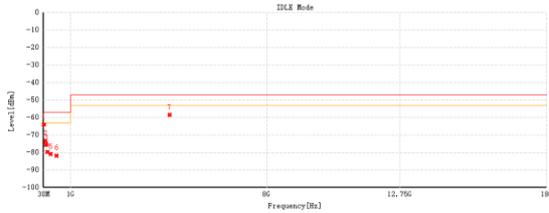


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	41.349	-74.14	0.18	-73.96	-57	16.96	RMS	Horizontal
2	70.74	-66.85	-8.02	-74.87	-57	17.87	RMS	Horizontal
3	122.635	-69.94	-5.58	-75.52	-57	18.52	RMS	Horizontal
4	163.181	-72.36	-7.97	-80.33	-57	23.33	RMS	Horizontal
5	203.048	-76.51	-6.6	-83.11	-57	26.11	RMS	Horizontal
6	474.25	-84.81	1.53	-83.28	-57	26.28	RMS	Horizontal
7	4843.7	-51.89	-0.95	-52.84	-47	5.84	RMS	Horizontal

Test Mode : Idle\_n41\_100M

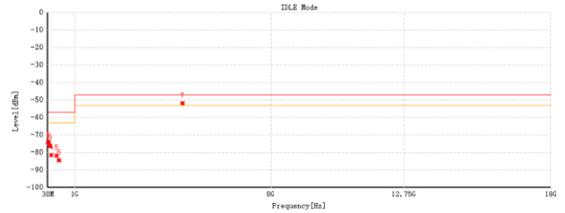
Test Mode : Idle\_n41\_100M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.222	-65.07	0.98	-64.09	-57	7.09	RMS	Vertical
2	93.535	-71.11	-2.37	-73.48	-57	16.48	RMS	Vertical
3	119.046	-70.25	-5.34	-75.59	-57	18.59	RMS	Vertical
4	162.405	-73.31	-6.3	-79.61	-57	22.61	RMS	Vertical
5	283.655	-77.22	-3.69	-80.91	-57	23.91	RMS	Vertical
6	497.055	-84.23	2.47	-81.76	-57	24.76	RMS	Vertical
7	4530.9	-56.43	-1.92	-58.55	-47	11.55	RMS	Vertical

### Horizontal

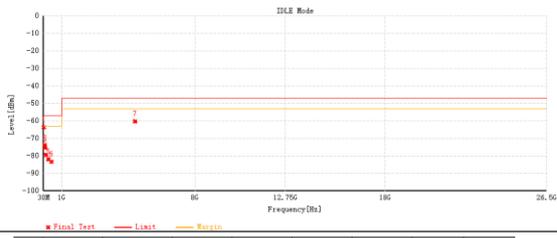


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	44.938	-74.21	0.12	-74.09	-57	17.09	RMS	Horizontal
2	70.837	-66.66	-8.02	-74.68	-57	17.68	RMS	Horizontal
3	121.859	-70.6	-5.53	-76.13	-57	19.13	RMS	Horizontal
4	161.144	-73.44	-8.01	-81.45	-57	24.45	RMS	Horizontal
5	353.01	-80.52	-1.31	-81.83	-57	24.83	RMS	Horizontal
6	437.206	-84.39	-0.03	-84.42	-57	27.42	RMS	Horizontal
7	4843.7	-50.91	-0.95	-51.86	-47	4.86	RMS	Horizontal

Test Mode : Idle\_n77\_10M

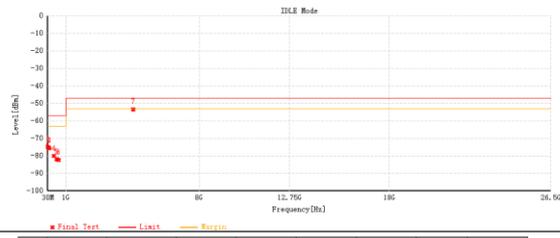
Test Mode : Idle\_n77\_10M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.125	-64.64	0.97	-63.67	-57	6.67	RMS	Vertical
2	94.214	-71.63	-2.25	-73.88	-57	16.88	RMS	Vertical
3	117.882	-70.19	-5.1	-75.29	-57	18.29	RMS	Vertical
4	162.502	-73.15	-6.3	-79.45	-57	22.45	RMS	Vertical
5	285.207	-78.28	-3.66	-81.94	-57	24.94	RMS	Vertical
6	456.897	-83.39	0.08	-83.31	-57	26.31	RMS	Vertical
7	4843.7	-60.03	-0.17	-60.2	-47	13.2	RMS	Vertical

### Horizontal

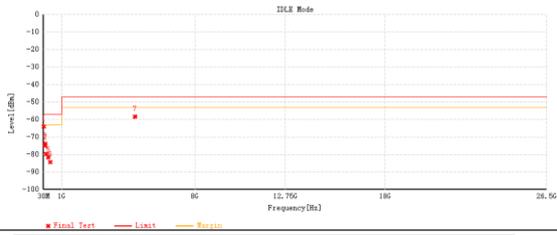


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.416	-74.98	0.16	-74.82	-57	17.82	RMS	Horizontal
2	70.158	-67.16	-8.05	-75.21	-57	18.21	RMS	Horizontal
3	117.494	-70.49	-5.11	-75.6	-57	18.6	RMS	Horizontal
4	359.509	-78.64	-1.35	-79.99	-57	22.99	RMS	Horizontal
5	500.062	-84.4	2.48	-81.92	-57	24.92	RMS	Horizontal
6	800.166	-86.09	3.73	-82.36	-57	25.36	RMS	Horizontal
7	4830.9	-51.45	-2.01	-53.46	-47	6.46	RMS	Horizontal

Test Mode : Idle\_n77\_100M

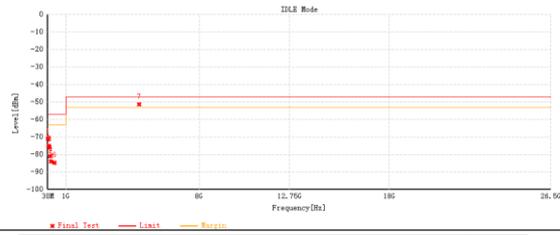
Test Mode : Idle\_n77\_100M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	41.931	-64.97	0.95	-64.02	-57	7.02	RMS	Vertical
2	95.281	-72.57	-2.06	-74.63	-57	17.63	RMS	Vertical
3	119.046	-68.45	-5.34	-73.79	-57	16.79	RMS	Vertical
4	160.756	-73.32	-6.32	-79.64	-57	22.64	RMS	Vertical
5	286.177	-77.91	-3.64	-81.55	-57	24.55	RMS	Vertical
6	386.184	-83.67	-0.61	-84.28	-57	27.28	RMS	Vertical
7	4843.7	-58.28	-0.17	-58.45	-47	11.45	RMS	Vertical

### Horizontal

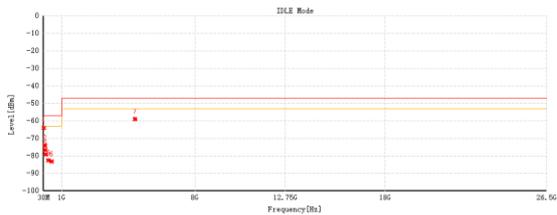


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.804	-71.27	0.16	-71.11	-57	14.11	RMS	Horizontal
2	70.449	-66.99	-8.03	-75.02	-57	18.02	RMS	Horizontal
3	125.545	-69.9	-5.8	-75.7	-57	18.7	RMS	Horizontal
4	161.338	-72.93	-8.01	-80.94	-57	23.94	RMS	Horizontal
5	203.048	-77.26	-0.6	-83.86	-57	26.86	RMS	Horizontal
6	386.184	-84.16	-0.63	-84.79	-57	27.79	RMS	Horizontal
7	4843.7	-50.42	-0.95	-51.37	-47	4.37	RMS	Horizontal

Test Mode : Idle\_n78\_10M

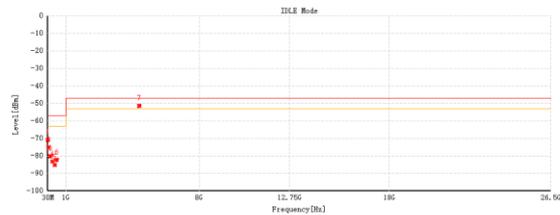
Test Mode : Idle\_n78\_10M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	LiA1 [dBm]	Margin [dB]	Detector	Polarity
1	42.416	-64.89	0.99	-63.9	-57	6.9	RMS	Vertical
2	93.535	-71.57	-2.37	-73.94	-57	16.94	RMS	Vertical
3	116.718	-71.8	-4.86	-76.66	-57	19.66	RMS	Vertical
4	160.95	-72.84	-6.32	-79.16	-57	22.16	RMS	Vertical
5	206.856	-76.9	-3.62	-82.52	-57	25.52	RMS	Vertical
6	462.911	-83.7	0.47	-83.23	-57	26.23	RMS	Vertical
7	4843.7	-58.72	-0.17	-58.89	-47	11.89	RMS	Vertical

### Horizontal

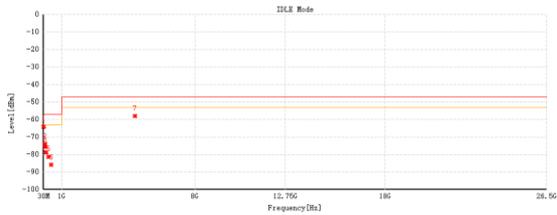


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	LiA1 [dBm]	Margin [dB]	Detector	Polarity
1	42.61	-70.96	0.16	-70.8	-57	13.8	RMS	Horizontal
2	70.352	-67.01	-8.04	-75.05	-57	18.05	RMS	Horizontal
3	162.696	-72.22	-7.98	-80.2	-57	23.2	RMS	Horizontal
4	275.604	-79.54	-3.69	-83.23	-57	26.23	RMS	Horizontal
5	400.637	-84.53	-0.54	-85.07	-57	28.07	RMS	Horizontal
6	498.898	-84.75	2.45	-82.3	-57	25.3	RMS	Horizontal
7	4843.7	-50.5	-0.95	-51.45	-47	4.45	RMS	Horizontal

Test Mode : Idle\_n78\_100M

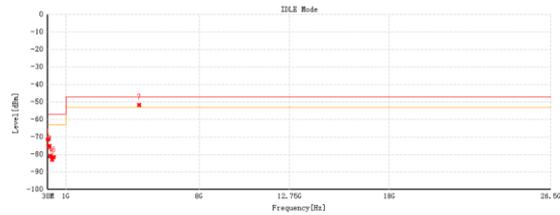
Test Mode : Idle\_n78\_100M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	LiA1 [dBm]	Margin [dB]	Detector	Polarity
1	42.222	-65.12	0.98	-64.14	-57	7.14	RMS	Vertical
2	94.311	-71.79	-2.23	-74.02	-57	17.02	RMS	Vertical
3	120.986	-70.04	-5.4	-75.44	-57	18.64	RMS	Vertical
4	161.629	-72.43	-6.31	-78.74	-57	21.74	RMS	Vertical
5	287.147	-77.75	-3.62	-81.37	-57	24.37	RMS	Vertical
6	435.751	-85.59	-0.25	-85.84	-57	28.84	RMS	Vertical
7	4843.7	-57.89	-0.17	-58.06	-47	11.06	RMS	Vertical

### Horizontal

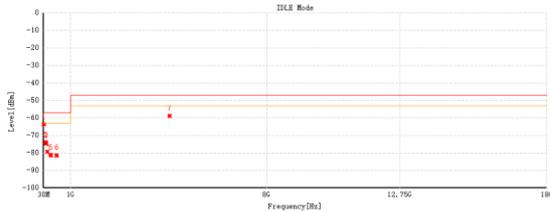


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	LiA1 [dBm]	Margin [dB]	Detector	Polarity
1	45.229	-71.6	0.12	-71.48	-57	14.48	RMS	Horizontal
2	70.643	-67.25	-8.03	-75.28	-57	18.28	RMS	Horizontal
3	121.568	-69.66	-5.51	-75.17	-57	18.17	RMS	Horizontal
4	162.308	-72.9	-7.99	-80.89	-57	23.89	RMS	Horizontal
5	272.888	-79.21	-3.76	-82.97	-57	25.97	RMS	Horizontal
6	354.271	-80.19	-1.32	-81.51	-57	24.51	RMS	Horizontal
7	4843.7	-50.7	-0.95	-51.65	-47	4.65	RMS	Horizontal

Test Mode : Idle\_DC 3A-n7A\_5M

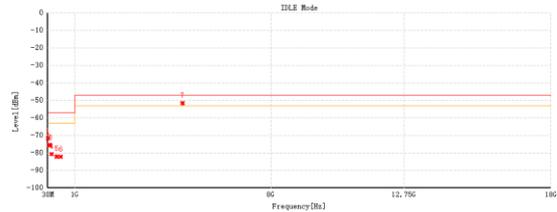
Test Mode : Idle\_DC 3A-n7A\_5M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.222	-64.74	0.98	-63.76	-57	6.76	RMS	Vertical
2	93.535	-71.51	-2.37	-73.88	-57	16.88	RMS	Vertical
3	119.919	-66.07	-5.52	-74.59	-57	17.59	RMS	Vertical
4	162.89	-73.06	-6.3	-79.36	-57	22.36	RMS	Vertical
5	285.789	-77.68	-3.65	-81.33	-57	24.33	RMS	Vertical
6	499.965	-84	2.57	-81.43	-57	24.43	RMS	Vertical
7	4843.9	-56.93	-1.92	-58.85	-47	11.85	RMS	Vertical

### Horizontal

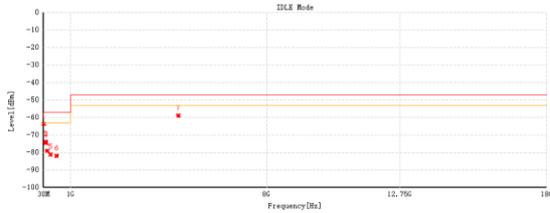


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.804	-71.84	0.16	-71.68	-57	14.68	RMS	Horizontal
2	69.673	-67.57	-7.91	-75.48	-57	18.48	RMS	Horizontal
3	118.561	-70.37	-5.23	-75.6	-57	18.6	RMS	Horizontal
4	163.278	-72.64	-7.97	-80.61	-57	23.61	RMS	Horizontal
5	353.689	-80.78	-1.32	-82.1	-57	25.1	RMS	Horizontal
6	499.965	-84.66	2.48	-82.18	-57	25.18	RMS	Horizontal
7	4843.7	-50.58	-0.95	-51.53	-47	4.53	RMS	Horizontal

Test Mode : Idle\_DC 3A-n7A\_20M

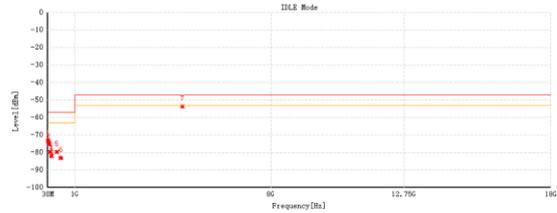
Test Mode : Idle\_DC 3A-n7A\_20M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.513	-64.57	1	-63.57	-57	6.57	RMS	Vertical
2	94.505	-71.57	-2.2	-73.77	-57	16.77	RMS	Vertical
3	117.785	-69.36	-5.08	-74.44	-57	17.44	RMS	Vertical
4	162.987	-72.78	-6.3	-79.08	-57	22.08	RMS	Vertical
5	287.035	-77.55	-3.61	-81.16	-57	24.16	RMS	Vertical
6	497.831	-84.42	2.5	-81.92	-57	24.92	RMS	Vertical
7	4843.7	-58.69	-0.17	-58.86	-47	11.86	RMS	Vertical

### Horizontal

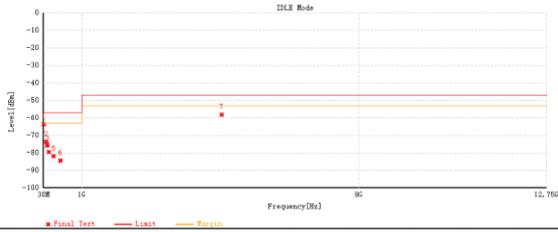


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.222	-73.59	0.16	-73.43	-57	16.43	RMS	Horizontal
2	70.352	-67.17	-8.04	-75.21	-57	18.21	RMS	Horizontal
3	120.695	-74.14	-5.44	-79.58	-57	22.58	RMS	Horizontal
4	162.405	-73.91	-7.99	-81.9	-57	24.9	RMS	Horizontal
5	359.8	-78.33	-1.35	-79.68	-57	22.68	RMS	Horizontal
6	497.152	-85.46	2.41	-83.05	-57	26.05	RMS	Horizontal
7	4843.7	-52.73	-0.95	-53.68	-47	6.68	RMS	Horizontal

Test Mode : Idle\_DC 1A-n28A\_5M

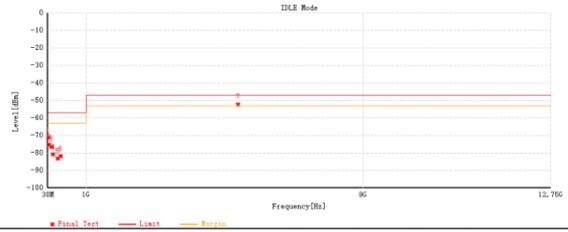
Test Mode : Idle\_DC 1A-n28A\_5M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.125	-64.62	0.97	-63.65	-57	6.65	RMS	Vertical
2	93.923	-71.4	-2.3	-73.7	-57	16.7	RMS	Vertical
3	120.016	-70.36	-5.54	-75.9	-57	18.9	RMS	Vertical
4	163.064	-73.24	-6.3	-79.54	-57	22.54	RMS	Vertical
5	284.528	-76.17	-3.67	-81.84	-57	24.84	RMS	Vertical
6	459.031	-84.61	0.18	-84.43	-57	27.43	RMS	Vertical
7	4531.462	-56.22	-1.92	-58.14	-47	11.14	RMS	Vertical

### Horizontal

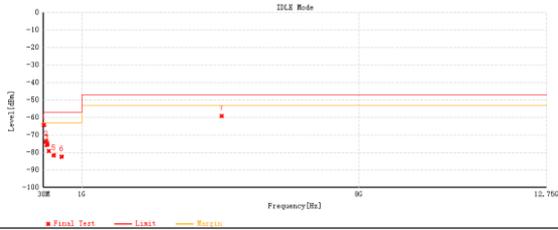


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.416	-71.34	0.16	-71.18	-57	14.18	RMS	Horizontal
2	71.128	-67.31	-8	-75.31	-57	18.31	RMS	Horizontal
3	117.397	-71.4	-5.1	-76.5	-57	19.5	RMS	Horizontal
4	164.559	-72.89	-7.95	-80.84	-57	23.84	RMS	Horizontal
5	282.2	-79.71	-3.51	-83.22	-57	26.22	RMS	Horizontal
6	356.405	-80.54	-1.33	-81.87	-57	24.87	RMS	Horizontal
7	4843.425	-51.38	-0.95	-52.33	-47	5.33	RMS	Horizontal

Test Mode : Idle\_DC 1A-n28A\_30M

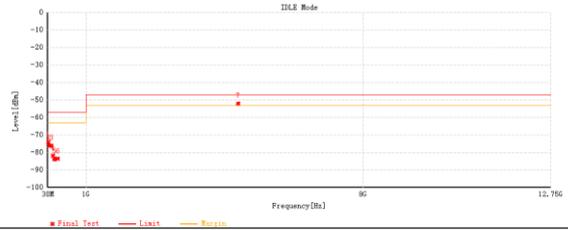
Test Mode : Idle\_DC 1A-n28A\_30M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.319	-65.26	0.98	-64.28	-57	7.28	RMS	Vertical
2	94.311	-71.35	-2.23	-73.58	-57	16.58	RMS	Vertical
3	116.912	-70.82	-4.9	-75.72	-57	18.72	RMS	Vertical
4	161.144	-72.87	-6.32	-79.19	-57	22.19	RMS	Vertical
5	286.274	-78	-3.64	-81.64	-57	24.64	RMS	Vertical
6	488.519	-84.6	2.19	-82.41	-57	25.41	RMS	Vertical
7	4530.875	-57.22	-1.92	-59.14	-47	12.14	RMS	Vertical

### Horizontal

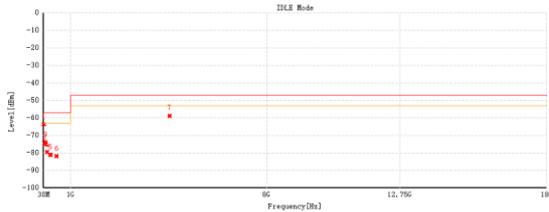


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.416	-74.29	0.16	-74.13	-57	17.13	RMS	Horizontal
2	70.061	-67.83	-8.05	-75.88	-57	18.88	RMS	Horizontal
3	123.508	-70.45	-5.65	-76.1	-57	19.1	RMS	Horizontal
4	161.047	-73.8	-8.01	-81.81	-57	24.81	RMS	Horizontal
5	203.033	-77.26	-0.57	-83.83	-57	26.83	RMS	Horizontal
6	284.034	-80.1	-3.44	-83.54	-57	26.54	RMS	Horizontal
7	4843.425	-51.19	-0.95	-52.14	-47	5.14	RMS	Horizontal

Test Mode : Idle\_DC 8A-n40A\_10M

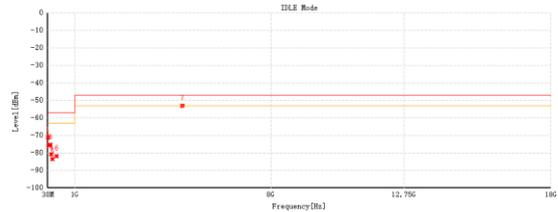
Test Mode : Idle\_DC 8A-n40A\_10M

### Vertical



No.	Freq. [Hz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.028	-64.66	0.96	-63.7	-57	6.7	RMS	Vertical
2	69.964	-71.1	-4.12	-75.22	-57	18.22	RMS	Vertical
3	93.535	-71.55	-2.37	-73.92	-57	16.92	RMS	Vertical
4	160.95	-73.22	-6.32	-79.54	-57	22.54	RMS	Vertical
5	278.611	-77.3	-3.8	-81.1	-57	24.1	RMS	Vertical
6	590.45	-84.44	2.57	-81.87	-57	24.87	RMS	Vertical
7	4630.9	-56.85	-1.92	-58.77	-47	11.77	RMS	Vertical

### Horizontal

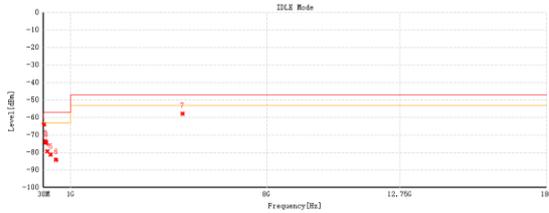


No.	Freq. [Hz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.901	-71.08	0.15	-70.93	-57	13.93	RMS	Horizontal
2	69.964	-67.61	-8.04	-75.65	-57	18.65	RMS	Horizontal
3	120.889	-69.89	-5.46	-75.35	-57	18.35	RMS	Horizontal
4	161.241	-72.79	-8.01	-80.8	-57	23.8	RMS	Horizontal
5	201.69	-76.84	-6.69	-83.53	-57	26.53	RMS	Horizontal
6	352.913	-80.52	-1.31	-81.83	-57	24.83	RMS	Horizontal
7	4643.7	-52.11	-0.95	-53.06	-47	6.06	RMS	Horizontal

Test Mode : Idle\_DC 8A-n40A\_80M

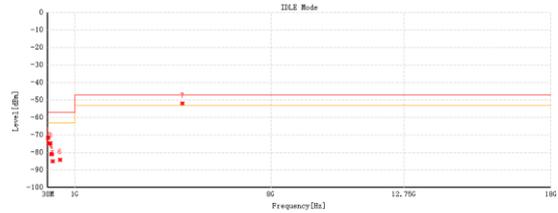
Test Mode : Idle\_DC 8A-n40A\_80M

### Vertical



No.	Freq. [Hz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.707	-64.86	1.02	-63.84	-57	6.84	RMS	Vertical
2	94.214	-71.13	-2.25	-73.38	-57	16.38	RMS	Vertical
3	119.631	-68.92	-5.44	-74.36	-57	17.36	RMS	Vertical
4	162.999	-72.98	-6.3	-79.28	-57	22.28	RMS	Vertical
5	285.692	-77.45	-3.65	-81.1	-57	24.1	RMS	Vertical
6	474.25	-85.46	1.43	-84.03	-57	27.03	RMS	Vertical
7	4996.7	-57.16	-0.57	-57.73	-47	10.73	RMS	Vertical

### Horizontal



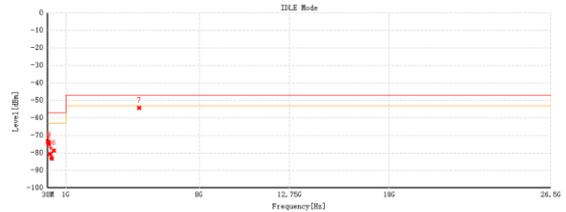
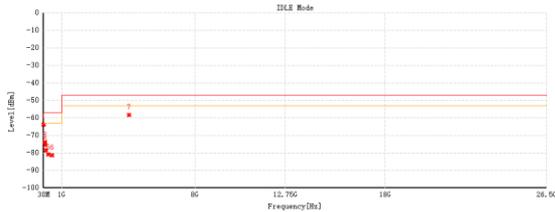
No.	Freq. [Hz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.61	-71.92	0.16	-71.76	-57	14.76	RMS	Horizontal
2	69.964	-66.94	-8.04	-74.98	-57	17.98	RMS	Horizontal
3	123.314	-69.04	-5.63	-74.67	-57	17.67	RMS	Horizontal
4	163.569	-72.91	-7.97	-80.88	-57	23.88	RMS	Horizontal
5	209.547	-78.85	-6.17	-85.02	-57	28.02	RMS	Horizontal
6	467.761	-85.19	1.03	-84.16	-57	27.16	RMS	Horizontal
7	4843.7	-51.04	-0.95	-51.99	-47	4.99	RMS	Horizontal

Test Mode : Idle\_DC 8A-n77A\_10M

Test Mode : Idle\_DC 8A-n77A\_10M

### Vertical

### Horizontal



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	LiA1 [dBm]	Margin [dB]	Detector	Polarity
1	42.998	-64.85	1.04	-63.81	-57	6.81	RMS	Vertical
2	94.505	-71.75	-2.2	-73.95	-57	16.95	RMS	Vertical
3	120.998	-66.91	-5.57	-75.48	-57	18.48	RMS	Vertical
4	159.98	-72.24	-6.33	-78.57	-57	21.57	RMS	Vertical
5	275.507	-77.01	-3.86	-80.87	-57	23.87	RMS	Vertical
6	482.602	-83.28	2	-81.28	-57	24.28	RMS	Vertical
7	4530.9	-56.31	-1.92	-58.23	-47	11.23	RMS	Vertical

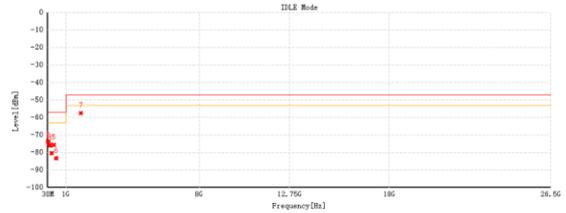
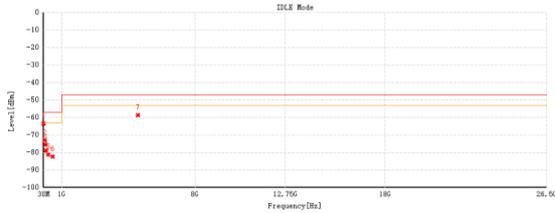
No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	LiA1 [dBm]	Margin [dB]	Detector	Polarity
1	42.319	-73.68	0.16	-73.52	-57	16.52	RMS	Horizontal
2	89.867	-66.93	-8	-74.93	-57	17.93	RMS	Horizontal
3	118.367	-68.79	-5.21	-74	-57	17	RMS	Horizontal
4	161.532	-72.71	-8	-80.71	-57	23.71	RMS	Horizontal
5	235.058	-78.53	-4.63	-83.16	-57	26.16	RMS	Horizontal
6	352.622	-77.32	-1.31	-78.63	-57	21.63	RMS	Horizontal
7	4843.7	-53.44	-0.95	-54.39	-47	7.39	RMS	Horizontal

Test Mode : Idle\_DC 8A-n77A\_100M

Test Mode : Idle\_DC 8A-n77A\_100M

### Vertical

### Horizontal



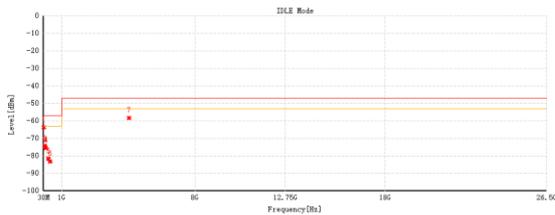
No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	LiA1 [dBm]	Margin [dB]	Detector	Polarity
1	42.222	-64.46	0.98	-63.48	-57	6.48	RMS	Vertical
2	93.147	-70.43	-2.44	-72.87	-57	15.87	RMS	Vertical
3	117.591	-70.46	-5.04	-75.5	-57	18.5	RMS	Vertical
4	161.823	-72.57	-6.31	-78.88	-57	21.88	RMS	Vertical
5	286.662	-77.51	-3.63	-81.14	-57	24.14	RMS	Vertical
6	510.053	-84.77	2.47	-82.3	-57	25.3	RMS	Vertical
7	4996.7	-58	-0.57	-58.57	-47	11.57	RMS	Vertical

No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	LiA1 [dBm]	Margin [dB]	Detector	Polarity
1	41.252	-73.93	0.18	-73.75	-57	16.75	RMS	Horizontal
2	70.643	-66.61	-8.03	-74.64	-57	17.64	RMS	Horizontal
3	122.344	-70.41	-5.56	-75.97	-57	18.97	RMS	Horizontal
4	235.058	-75.79	-4.63	-80.42	-57	23.42	RMS	Horizontal
5	352.622	-74.4	-1.31	-75.71	-57	18.71	RMS	Horizontal
6	470.089	-84.51	1.21	-83.3	-57	26.3	RMS	Horizontal
7	1772.65	-45.72	-11.73	-57.45	-47	10.45	RMS	Horizontal

Test Mode : Idle\_DC 8A-n78A\_10M

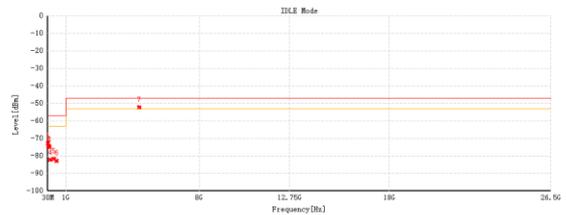
Test Mode : Idle\_DC 8A-n78A\_10M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	41.931	-64.64	0.95	-63.69	-57	6.69	RMS	Vertical
2	93.632	-71.86	-2.35	-74.21	-57	17.21	RMS	Vertical
3	119.143	-69.85	-5.36	-75.21	-57	18.21	RMS	Vertical
4	157.943	-68.94	-6.43	-75.37	-57	18.37	RMS	Vertical
5	283.655	-77.88	-3.69	-81.57	-57	24.57	RMS	Vertical
6	375.223	-82.28	-0.78	-83.06	-57	26.06	RMS	Vertical
7	4530.9	-56.34	-1.92	-58.26	-47	11.26	RMS	Vertical

### Horizontal

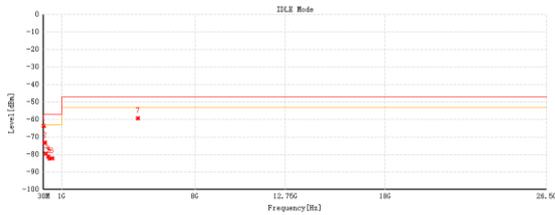


No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	45.035	-72.8	0.12	-72.68	-57	15.68	RMS	Horizontal
2	70.74	-66.54	-8.02	-74.56	-57	17.56	RMS	Horizontal
3	117.979	-69.69	-5.17	-74.86	-57	17.86	RMS	Horizontal
4	158.719	-74.09	-8.09	-82.18	-57	25.18	RMS	Horizontal
5	353.786	-80.26	-1.32	-81.58	-57	24.58	RMS	Horizontal
6	504.33	-85.24	2.44	-82.8	-57	25.8	RMS	Horizontal
7	4843.7	-51.25	-0.95	-52.2	-47	5.2	RMS	Horizontal

Test Mode : Idle\_DC 8A-n78A\_100M

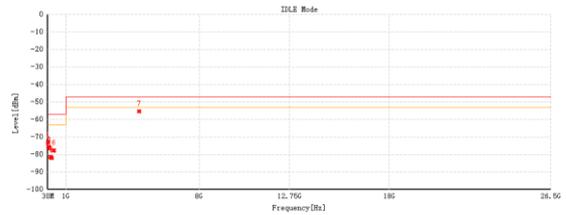
Test Mode : Idle\_DC 8A-n78A\_100M

### Vertical



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	41.737	-64.53	0.93	-63.6	-57	6.6	RMS	Vertical
2	93.632	-70.95	-2.35	-73.3	-57	16.3	RMS	Vertical
3	159.692	-73.21	-6.35	-79.56	-57	22.56	RMS	Vertical
4	278.902	-77.32	-3.79	-81.11	-57	24.11	RMS	Vertical
5	363.971	-81.24	-1.13	-82.37	-57	25.37	RMS	Vertical
6	494.048	-84.58	2.37	-82.21	-57	25.21	RMS	Vertical
7	4989.9	-58.79	-0.52	-59.31	-47	12.31	RMS	Vertical

### Horizontal



No.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	L1k1 [dBm]	Margin [dB]	Detector	Polarity
1	42.998	-73.18	0.15	-73.03	-57	16.03	RMS	Horizontal
2	70.061	-67.49	-8.05	-75.54	-57	18.54	RMS	Horizontal
3	120.21	-70.81	-5.41	-76.22	-57	19.22	RMS	Horizontal
4	162.114	-73.35	-7.99	-81.34	-57	24.34	RMS	Horizontal
5	234.961	-77.24	-4.63	-81.87	-57	24.87	RMS	Horizontal
6	352.525	-76.45	-1.31	-77.76	-57	20.76	RMS	Horizontal
7	4843.7	-54.35	-0.95	-55.3	-47	8.3	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-S	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	SP9500 5G Wireless Test Platform	StarPoint	SP9500	SP9500-20335	Feb. 20, 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**