



FCC Radio Test Report

FCC ID: ZMONL668LA05

This report concerns: Class II permissive Change

Project No. : 2111C171A
Equipment : LTE Module
Brand Name : Fibocom
Test Model : NL668-LA
Series Model : NL668-LA-05, NL668-LA-10, NL668-LA-30
Applicant : Fibocom Wireless Inc.
Address : 1101, Tower A, Building 6, Shenzhen International Innovation Valley, Dashi 1st Rd, Nanshan, Shenzhen, China
Manufacturer : Fibocom Wireless Inc.
Address : 1101, Tower A, Building 6, Shenzhen International Innovation Valley, Dashi 1st Rd, Nanshan, Shenzhen, China
Factory : Huizhou HYE Technology Co., Ltd.
Address : No. 237, Sanhe group, Sanhe village, Tonghu Town, Zhongkai hi tech Zone, Huizhou
Date of Receipt : Jan. 22, 2025
Date of Test : Jan. 23, 2025 ~ Feb. 21, 2025
Issued Date : Mar. 11, 2025
Report Version : R02
Test Sample : Engineering Sample No.: SSL2025012230
Standard(s) : 47 CFR FCC Part 27 Subpart L
47 CFR FCC Part 27 Subpart M
47 CFR FCC Part 27 Subpart H
47 CFR FCC Part 2

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

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Declaration

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

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 assumes no responsibility for the data provided by the customer, any statements, inferences or generalizations drawn by the customer or others from the reports issued by BTL.

The report must not be used by the client to claim product certification, approval, or endorsement by 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: 2017 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 is provided for informational purpose only and are not use in determining the Pass/Fail results.

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REPORT ISSUED HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-3-2111C171A	R00	This is a supplementary report to the original test report (BTL-FCCP-3-2111C171). Added the antenna (ant.2~7) which maximum antenna gain are larger than the original so radiated spurious emissions had been retested and recorded in the report, the original test results please refer to original report.	Mar. 04, 2025	Invalid
BTL-FCCP-3-2111C171A	R01	Modified the comments of TCB.	Mar. 07, 2025	Invalid
BTL-FCCP-3-2111C171A	R02	Modified the comments of TCB.	Mar. 11, 2025	Valid

1. APPLICABLE STANDARDS

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

ANSI C63.26-2015

The following reference test guidance is not within the scope of accreditation of A2LA:

FCC KDB 971168 D01 Power Meas License Digital Systems v03r01

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC Part 27 Subpart L, M, H & Part 2			
Standard(s) Section	Test Item	Judgment	Remark
2.1046	Output Power	PASS	-----
27.50(d)(4) 27.50(c)(10) 27.50(h)(2)	Equivalent Isotropic Radiated Power & Equivalent Radiated Power	PASS	-----
2.1049	Occupied Bandwidth	PASS	-----
2.1051 27.53(h)= 27.53(g) 27.53(m)(4)&(m)(6)	Conducted Spurious Emissions	PASS	-----
2.1053 27.53(h) 27.53(m)(4)&(m)(6)	Radiated Spurious Emissions	PASS	-----
2.1051 27.53(h) 27.53(g) 27.53(m)(4)&(m)(6)	Band Edge Measurements	PASS	-----
27.50(d)(5)	Peak To Average Ratio	PASS	-----
2.1055 27.54	Frequency Stability	PASS	-----

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of Room 108-116, 309-310, Building 2, No.1, Yile Road, Songshan Lake Zone, Dongguan City, Guangdong, People's Republic of China

BTL's Registration Number for FCC: 747969

BTL's Designation Number for FCC: CN1377

2.2 MEASUREMENT UNCERTAINTY

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

The BTL measurement uncertainty as below table:

A. Radiated Measurement:

Test Site	Method	Measurement Frequency Range	U,(dB)
SSL-CB01	CISPR	9kHz ~ 30MHz	2.74

Test Site	Method	Measurement Frequency Range	Ant. H / V	U,(dB)
SSL-CB01 (3m)	CISPR	30MHz ~ 200MHz	V	4.70
		30MHz ~ 200MHz	H	3.56
		200MHz ~ 1,000MHz	V	4.92
		200MHz ~ 1,000MHz	H	4.54
		1GHz ~ 6GHz	-	4.56
		6GHz ~ 18GHz	-	5.14

Note: Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

2.3 TEST ENVIRONMENT CONDITIONS

Test Item	Temperature	Humidity	Test Voltage	Tested By	Test Date
Radiated Spurious Emissions (9 kHz to 30 MHz)	22°C	50%	AC 120V/60Hz	Young Zou	Feb. 17, 2025
Radiated Spurious Emissions (30 MHz to 1000 MHz)	23°C	45-50%	AC 120V/60Hz	Young Zou	Feb. 18, 2025- Feb. 19, 2025
Radiated Spurious Emissions (Above 1000 MHz)	23°C	45-50%	AC 120V/60Hz	Young Zou	Feb. 20, 2025

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	LTE Module			
Brand Name	Fibocom			
Test Model	NL668-LA			
Series Model	NL668-LA-05, NL668-LA-10, NL668-LA-30			
Model Difference(s)	Only differ in memory.			
Hardware Version	V1.0.0			
Software Version	19005.1000.15.02.00.05			
Power Source	DC voltage supplied from external power supply.			
Power Rating	DC 3.3V~4.3V			
IEMI No.	Radiated	860333050409543		
Modulation Type	WCDMA/HSDPA/HSUPA		UL: QPSK DL: QPSK,16QAM	
	LTE		UL: QPSK,16QAM DL: QPSK,16QAM,64QAM	
Max. Output Power Note (2)	WCDMA Band IV		QPSK	23.64 dBm
	HSDPA Band IV		QPSK	22.39 dBm
	HSUPA Band IV		QPSK	22.34 dBm
	LTE	Channel Bandwidth (MHz)	QPSK (dBm)	16QAM (dBm)
	Band 4	1.4	22.12	21.36
		3	22.20	21.44
		5	22.08	20.90
		10	22.37	21.97
		15	22.41	21.73
		20	22.18	21.08
	Band 7	5	22.42	21.30
		10	22.89	22.16
		15	22.89	22.73
		20	22.63	21.58
	Band 38	5	21.75	20.52
		10	21.78	21.38
		15	21.65	21.36
		20	21.91	20.87
	Band 66	1.4	22.55	22.09
		3	22.76	21.66
		5	22.31	21.38
		10	22.66	21.58
		15	22.95	22.25
	Band 12	20	22.60	21.84
		1.4	22.77	22.07
		3	22.91	22.23
		5	22.66	21.97
	Band 17	10	22.89	22.21
		5	23.23	22.19
		10	23.35	22.27

Note:

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

2. The Output Power test results refer to Report No.: BTL-FCCP-3-2111C171.

3. Channel List:

WCDMA Band IV				
Test Frequency ID	UARFCN	Frequency of Uplink (MHz)	UARFCN	Frequency of Downlink (MHz)
Low Range	1312	1712.4	1537	2112.4
Mid Range	1413	1732.6	1638	2132.6
High Range	1513	1752.6	1738	2152.6

LTE Band 4					
Test Frequency ID	Bandwidth (MHz)	N _{UL}	Frequency of Uplink (MHz)	N _{DL}	Frequency of Downlink (MHz)
Low Range	1.4	19957	1710.7	1957	2110.7
	3	19965	1711.5	1965	2111.5
	5	19975	1712.5	1975	2112.5
	10	20000	1715	2000	2115
	15	20025	1717.5	2025	2117.5
	20	20050	1720	2050	2120
Mid Range	1.4/3/5/10/15/20	20175	1732.5	2175	2132.5
High Range	1.4	20393	1754.3	2393	2154.3
	3	20385	1753.5	2385	2153.5
	5	20375	1752.5	2375	2152.5
	10	20350	1750	2350	2150
	15	20325	1747.5	2325	2147.5
	20	20300	1740	2300	2145

LTE Band 7					
Test Frequency ID	Bandwidth (MHz)	N _{UL}	Frequency of Uplink (MHz)	N _{DL}	Frequency of Downlink (MHz)
Low Range	5	20775	2502.5	2775	2622.5
	10	20800	2505	2800	2625
	15	20825	2507.5	2825	2627.5
	20	20850	2510	2850	2630
Mid Range	5/10/15/20	21100	2535	3100	2655
High Range	5	21425	2567.5	3425	2687.5
	10	21400	2565	3400	2685
	15	21375	2562.5	3375	2682.5
	20	21350	2560	3350	2680

LTE Band 12					
Test Frequency ID	Bandwidth (MHz)	N _{UL}	Frequency of Uplink (MHz)	N _{DL}	Frequency of Downlink (MHz)
Low Range	1.4	23017	699.7	5017	729.7
	3	23025	700.5	5025	730.5
	5	23035	701.5	5035	731.5
	10	23060	704.0	5060	734
Mid Range	1.4/3/5/10	23095	707.5	5095	737.5
High Range	1.4	23173	715.3	5173	745.3
	3	23165	714.5	5165	744.5
	5	23155	713.5	5155	743.5
	10	23130	711.0	5130	741

LTE Band 17					
Test Frequency ID	Bandwidth (MHz)	N _{UL}	Frequency of Uplink (MHz)	N _{DL}	Frequency of Downlink (MHz)
Low Range	5	23755	706.5	5755	736.5
	10	23780	709	5780	739
Mid Range	5/10	23790	710	5790	740
High Range	5	23825	713.5	5825	743.5
	10	23800	711	5800	741

LTE Band 38			
Test Frequency ID	Bandwidth (MHz)	EARFCN	Frequency (UL and DL) (MHz)
Low Range	5	37775	2572.5
	10	37800	2575
	15	37825	2577.5
	20	37850	2580
Mid Range	5/10/15/20	38000	2595
High Range	5	38225	2617.5
	10	38200	2615
	15	38175	2612.5
	20	38150	2610

LTE Band 66					
Test Frequency ID	Bandwidth (MHz)	N _{UL}	Frequency of Uplink (MHz)	N _{DL}	Frequency of Downlink (MHz)
Low Range	1.4	131979	1710.7	66443	2110.7
	3	131987	1711.5	66451	2111.5
	5	131997	1712.5	66461	2112.5
	10	132022	1715	66486	2115
	15	132047	1717.5	66511	2117.5
	20	132072	1720	66536	2120
Mid Range	1.4/3/5/10/15/20	132322	1745	66786	2145
High Range	1.4	132665	1779.3	67129	2179.3
	3	132657	1778.5	67121	2178.5
	5	132647	1777.5	67111	2177.5
	10	132622	1775	67086	2175
	15	132597	1772.5	67061	2172.5
	20	132572	1770	67036	2170

4. Table for Filed Antenna:

Ant.	Brand	Model Name or P/N	Antenna Type	Connector	Gain (dBi)	Note
1	N/A	N/A	Dipole	SMA	1.4	WCDMA Band IV
					1.4	LTE Band 4
					2.6	LTE Band 7
					-1.4	LTE Band 12
					-0.7	LTE Band 17
					1.8	LTE Band 38
					1.6	LTE Band 66
2		F-0Y-31-0116-0 01-K0	Dipole	N/A	2.26	WCDMA Band IV
					2.26	LTE Band 4
					3.39	LTE Band 7
					0.54	LTE Band 12
					0.54	LTE Band 17
					3.39	LTE Band 38
					2.26	LTE Band 66
3		F-0Y-31-0116-0 02-K0	Dipole	N/A	3.51	WCDMA Band IV
					3.51	LTE Band 4
					2.53	LTE Band 7
					2.5	LTE Band 12
					2.5	LTE Band 17
					2.27	LTE Band 38
					3.51	LTE Band 66

Ant.	Brand	Model Name or P/N	Antenna Type	Connector	Gain (dBi)	Note
4		TQX-071427HK 22	Dipole	IPEX	3.55	WCDMA Band IV
					3.55	LTE Band 4
					3.4	LTE Band 7
					5.1	LTE Band 12
					5.1	LTE Band 17
					3.4	LTE Band 38
					3.96	LTE Band 66
5	Kenbotong	KIT-HK23-PT24- 4G	Dipole	IPEX	2.68	WCDMA Band IV
					2.68	LTE Band 4
					3.35	LTE Band 7
					3.85	LTE Band 12
					3.85	LTE Band 17
					3.18	LTE Band 38
					2.68	LTE Band 66
6		F-0Y-31-0166-0 01-K0	Dipole	N/A	3.6	WCDMA Band IV
					3.6	LTE Band 4
					4.71	LTE Band 7
					-0.02	LTE Band 12
					-0.02	LTE Band 17
					4.71	LTE Band 38
					3.6	LTE Band 66
7	Kenbotong	TQX-071427HK 22-L	Dipole	IPEX	2.65	WCDMA Band IV
					2.65	LTE Band 4
					2.27	LTE Band 7
					3.26	LTE Band 12
					3.26	LTE Band 17
					2.49	LTE Band 38
					2.65	LTE Band 66

Note: The antenna gain is provided by the manufacturer.

3.2 DESCRIPTION OF TEST MODES

Following mode(s) is (were) found to be the worst case(s) and selected for the final test.

WCDMA BAND IV MODE			
Test Item	Available Channel	Tested Channel	Mode
Radiated Spurious Emissions	1312 to 1513	1413	WCDMA

LTE BAND 4 MODE					
Test Item	Available Channel	Tested Channel	Channel Bandwidth	Modulation	Mode
Radiated Spurious Emissions	19957 to 20393	20175	1.4MHz	QPSK	1RB
	19975 to 20375	20175	5MHz	QPSK	1RB
	20050 to 20300	20175	20MHz	QPSK	1RB

LTE BAND 7 MODE					
Test Item	Available Channel	Tested Channel	Channel Bandwidth	Modulation	Mode
Radiated Spurious Emissions	20775 to 21425	21100	5MHz	QPSK	1RB
	20850 to 21350	21100	20MHz	QPSK	1RB

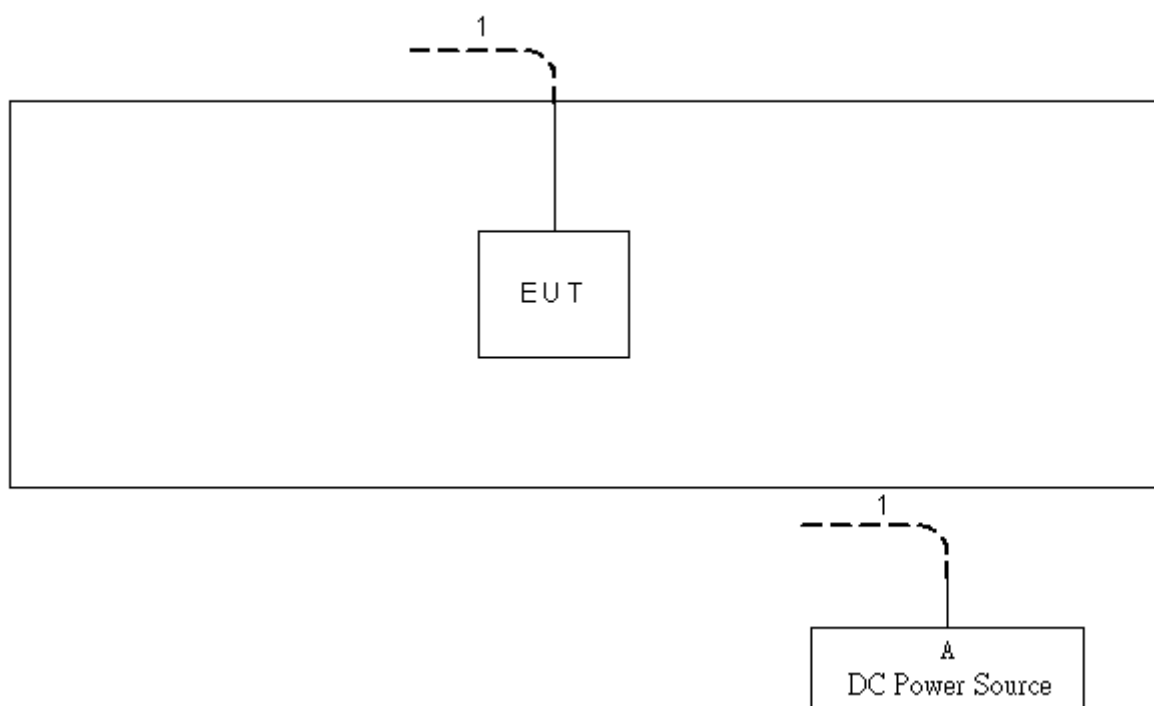
LTE BAND 12 MODE					
Test Item	Available Channel	Tested Channel	Channel Bandwidth	Modulation	Mode
Radiated Emission	23017 to 23173	23095	1.4MHz	QPSK	1RB
	23017 to 23173	23095	5MHz	QPSK	1RB
	23060 to 23130	23095	10MHz	QPSK	1RB

LTE BAND 17 MODE					
Test Item	Available Channel	Tested Channel	Channel Bandwidth	Modulation	Mode
Radiated Spurious Emissions	23755 to 23825	23790	5MHz	QPSK	1RB
	23780 to 23800	23790	20MHz	QPSK	1RB

LTE BAND 38 MODE					
Test Item	Available Channel	Tested Channel	Channel Bandwidth	Modulation	Mode
Radiated Spurious Emissions	37850 to 38150	38000	5MHz	QPSK	1RB
	37850 to 38150	38000	20MHz	QPSK	1RB

LTE BAND 66 MODE					
Test Item	Available Channel	Tested Channel	Channel Bandwidth	Modulation	Mode
Radiated Spurious Emissions	131979 to 132665	132322	1.4MHz	QPSK	1RB
	131997 to 132647	132322	5MHz	QPSK	1RB
	132072 to 132572	132322	20MHz	QPSK	1RB

3.3 BLOCK DIGRAM SHOWING THECONFIGURATIONOFSYSTEMTESTED



3.4 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	Mfr/Brand	Model/Type No.	Series No.
A	DC power supply	UNI-T	UDP6721	AWP7224050018

Item	Cable Type	Shielded Type	Ferrite Core	Length
1	DC Cable	NO	NO	10m

4. TEST RESULT

4.1 RADIATED SPURIOUS EMISSIONS MEASUREMENT

4.1.1 LIMIT

For band 4,12,17,66, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. The emission limit equal to -13dBm.

For Band 7, 38, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $55 + 10 \log(P)$ dB. The emission limit equal to -25dBm.

$E \text{ (dB}\mu\text{V/m)} = \text{EIRP (dBm)} - 20 \log D + 104.8$; where D is the measurement distance in meters. The emission limit equal to 82.26dB μ V/m or 70.26dB μ V/m or 55.26dB μ V/m.

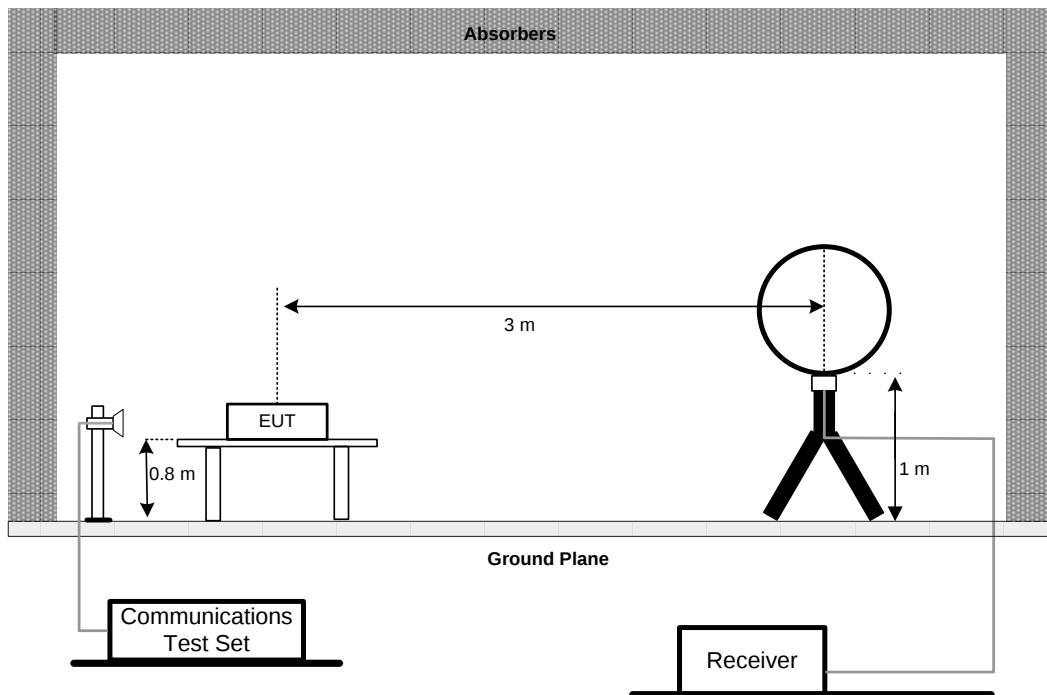
4.1.2 TEST PROCEDURES

The testing follows FCC KDB 971168 v03r01 Section 6.2 or ANSI C63.26-2015 Section 5.5.

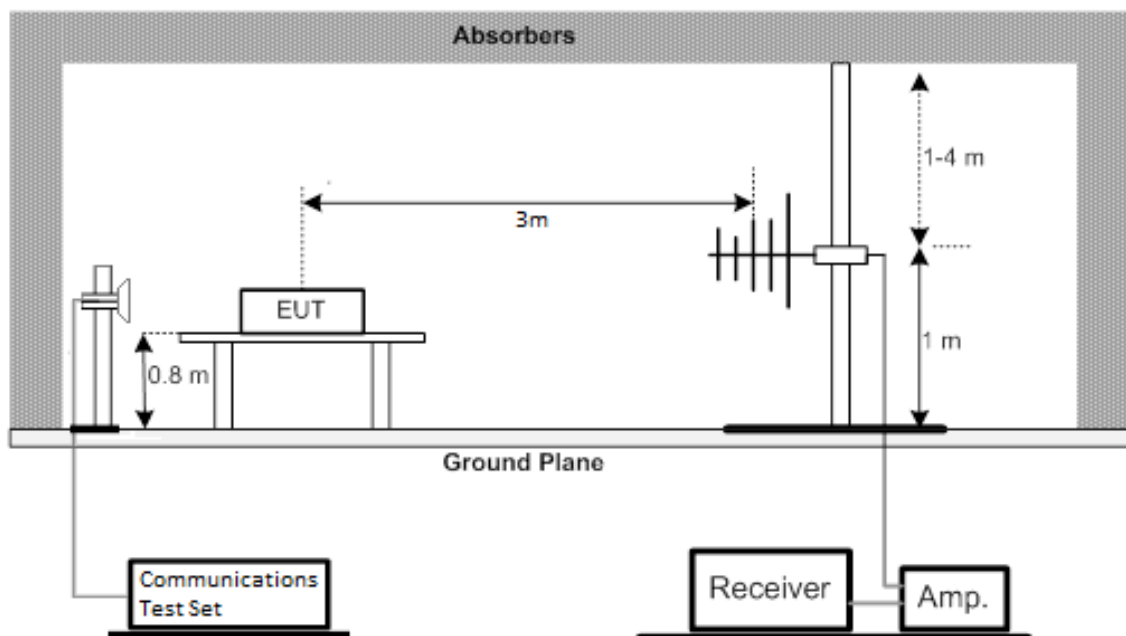
1. The EUT was placed on a turntable with 0.8 meter height for frequency below 1GHz and 1.5 meter height for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna mounted on the antenna tower.
3. During the measurement, the system simulator parameters were set to force the EUT transmitting at maximum output power.
4. Start the test, rotate the table 360° to find the worst Angle, maintain the worst Angle, raise the antenna to 1-4m to find the worst height, maintain the worst height, then rotate the table to determine the final worst Angle, grab the spectrum diagram.
5. EUT shall be placed in accordance with X,Y,Z as required by Figure 5 in ANSI C63.26. Repeat Step 5 above to find the worst placement. Test all bands according to the worst placement.
6. Then EIRP is then converted to field strength as follows in Equation
7. $E \text{ (dB}\mu\text{V/m)} = \text{EIRP (dBm)} - 20 \log(D) + 104.8$; where D is the measurement distance (in the far field region) in m. The emission limit equal to 82.26dB μ V/m or 70.26dB μ V/m or 55.26dB μ V/m.

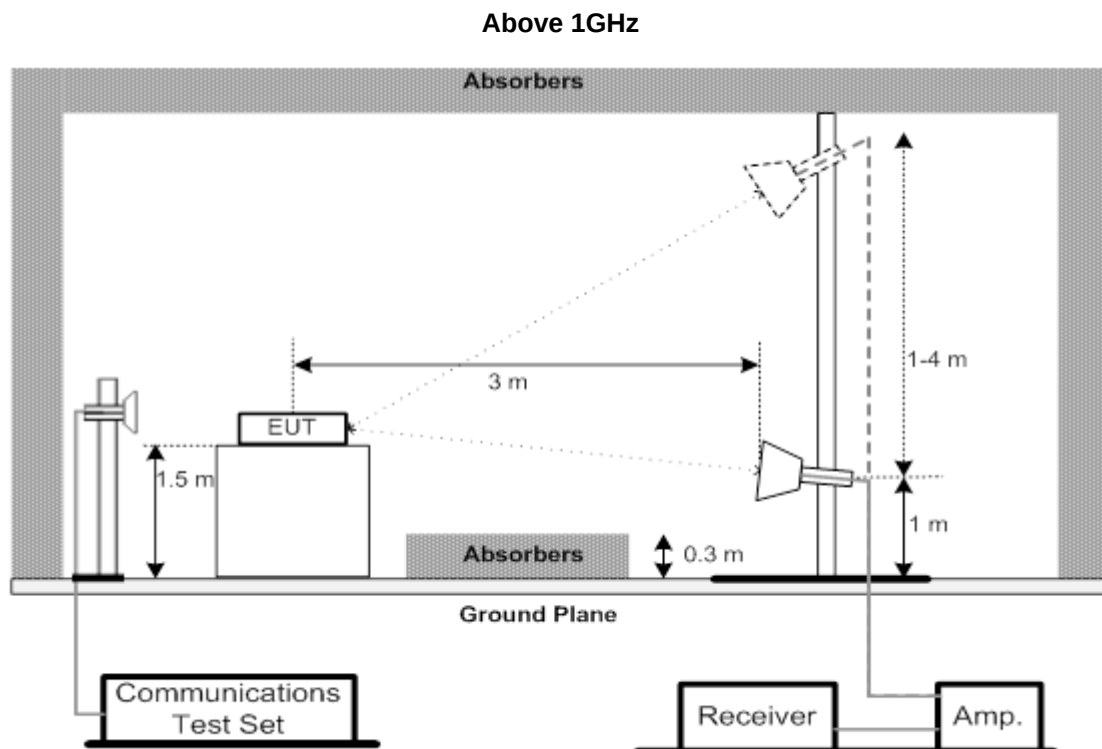
4.1.3 TEST SETUP LAYOUT

Below 30MHz



30MHz to 1GHz





4.1.4 TEST RESULTS (9KHZ TO 30MHZ)

Please refer to the APPENDIX A.

4.1.5 TEST RESULTS (30MHZ TO 1000MHZ)

Please refer to the APPENDIX B.

4.1.6 TEST RESULTS (ABOVE 1000MHZ)

Please refer to the APPENDIX C.

4. LIST OF MEASUREMENT EQUIPMENTS

Radiated Emissions - 9 kHz to 30 MHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Active Loop Antenna	Schwarzbeck	FMZB 1513-60	00025	Mar. 29,2025
2	MXE EMI Receiver	Keysight	N9038A	MY59050118	Jun. 28, 2025
3	Cable	EMC INSTRUMENT	EMCCFD400-NM-N M-3000	N/A	Jun. 06, 2025
4	Cable	EMC INSTRUMENT	EMCCFD400-NM-N M-7000	N/A	Jun. 06, 2025
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
6	966 Chamber room	Tai He	9*6*6 (NSA&VSWR)	N/A	Jun. 06, 2025
7	Wideband Radio Communication Tester	R&S	CWM 500	104462	Jun. 28, 2025
8	DC power supply	UNI-T	UDP6721	AWP7224050018	Mar. 20, 2025

Radiated Emissions - 30 MHz to 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Trilog-Broadband Antenna	Schwarzbeck	VULB9168	01269	May 18, 2025
2	Attenuator	EMCI	EMCI-N-6-06	AN-N0697	May 18, 2025
3	MXE EMI Receiver	Keysight	N9038A	MY59050118	Jun. 28, 2025
4	Preamplifier	EMC INSTRUMENT	EMC001330	980825	Jan. 10, 2026
5	Cable	EMC INSTRUMENT	EMCCFD400-NM-N M-2500	N/A	Jun. 06, 2025
6	Cable	EMC INSTRUMENT	EMCCFD400-NM-N M-7000	N/A	Jun. 06, 2025
7	Cable	EMC INSTRUMENT	EMCCFD400-NM-N M-3000	N/A	Jun. 06, 2025
8	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
9	966 Chamber room	Tai He	9*6*6 (NSA&VSWR)	N/A	Jun. 06, 2025
10	Wideband Radio Communication Tester	R&S	CWM 500	104462	Jun. 28, 2025
11	DC power supply	UNI-T	UDP6721	AWP7224050018	Mar. 20, 2025

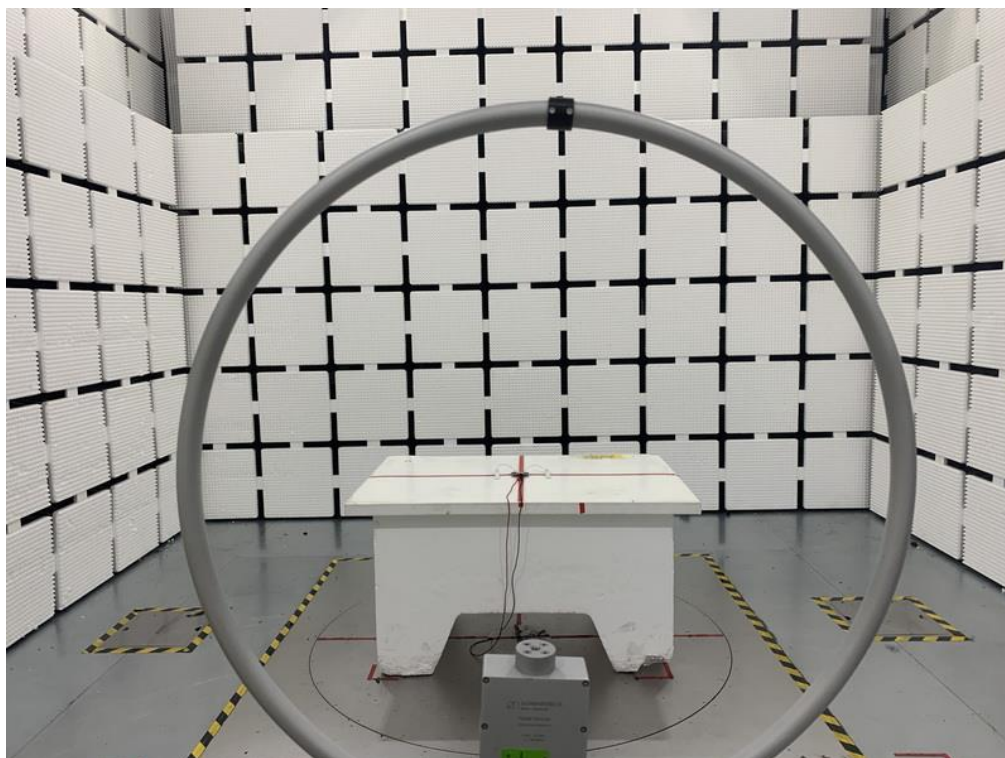
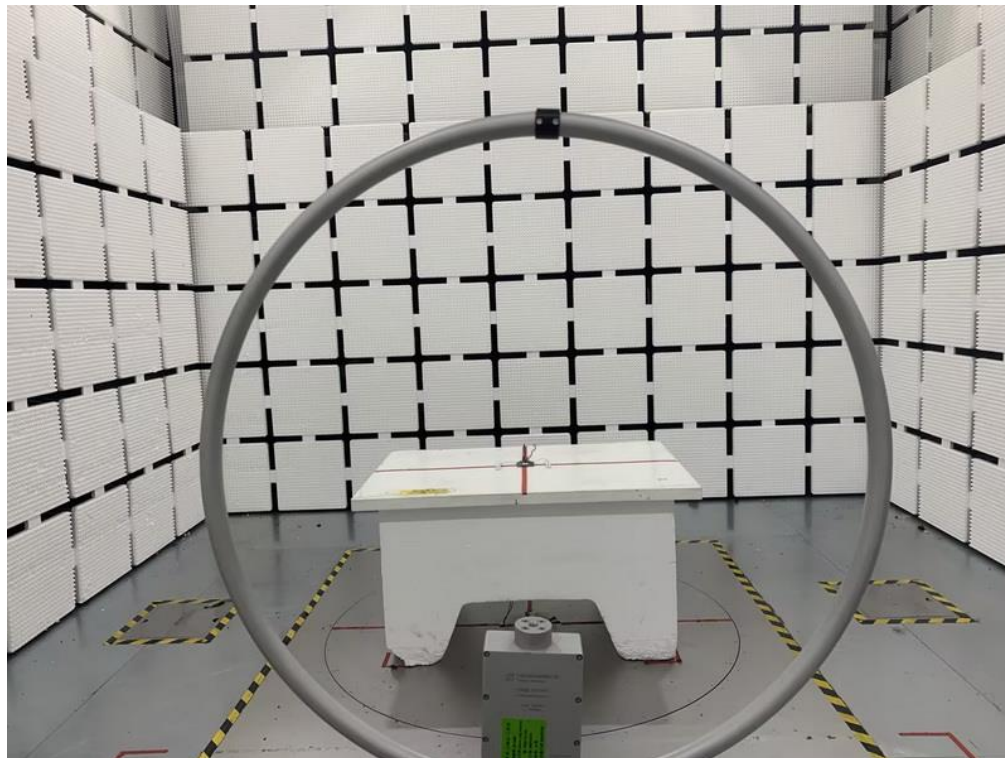
Radiated Emissions - Above 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	MXE EMI Receiver	Keysight	N9038A	MY59050118	Jun. 28, 2025
2	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
3	Preamplifier	EMC INSTRUMENT	EMC118A45SE	980739	Jan. 11, 2026
4	Cable	EMC INSTRUMENT	EMC104-SM-SM-1 0000	N/A	Dec. 09, 2025
5	Cable	EMC INSTRUMENT	EMC104-SM-SM-3 000	N/A	Dec. 09, 2025
6	Cable	EMC INSTRUMENT	EMC104-SM-SM-1 000	N/A	Dec. 09, 2025
7	Double Ridged Broadband Horn Antenna	RF SPIN	DRH18-E	210106A18E	Jul. 17, 2025
8	Band Reject Filter	COM-MW	ZHPF6-C3000-180 00-174	7213126	Jun. 28, 2025
9	Band Reject Filter	COM-MW	ZHPF6-M1000-150 00-533	7213127	Jun. 28, 2025
10	Attenuator	Talent Microwave	ATT-18G2W-10	N/A	N/A
11	966 Chamber room	Tai He	9*6*6 (NSA&VSWR)	N/A	Jun. 06, 2025
12	Wideband Radio Communication Tester	R&S	CWM 500	104462	Jun. 28, 2025
13	DC power supply	UNI-T	UDP6721	AWP7224050018	Mar. 20, 2025

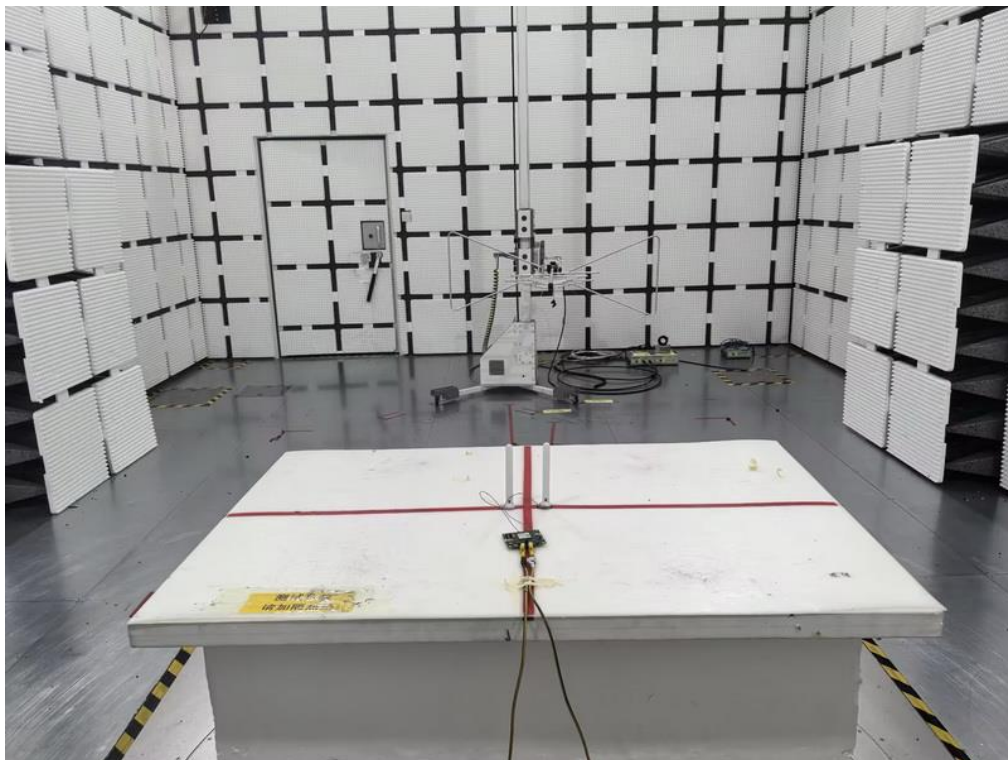
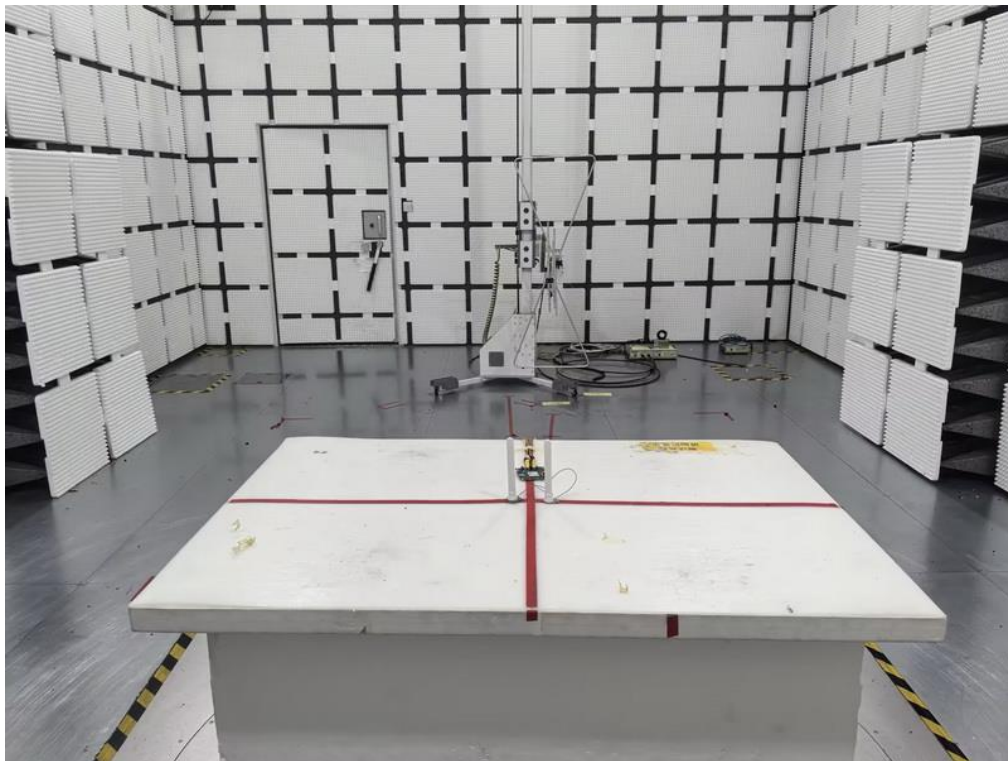
Remark: "N/A" denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

5. EUT TEST PHOTO

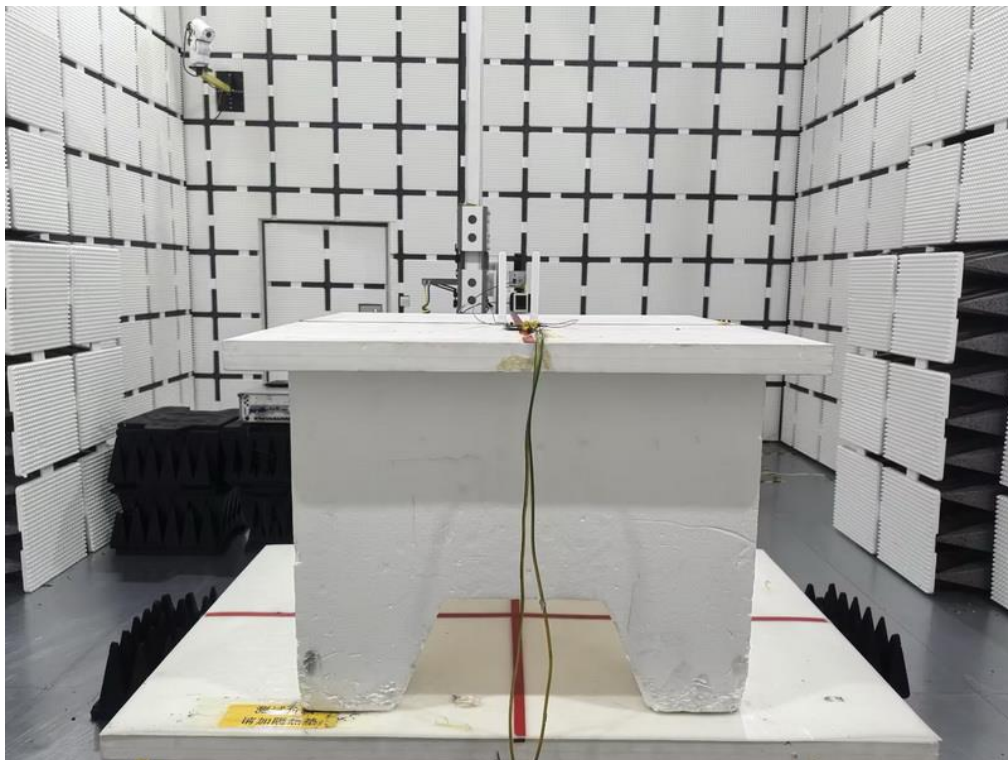
Radiated Emissions Test Photos

9 kHz to 30 MHz



Radiated Emissions Test Photos**30 MHz to 1 GHz**

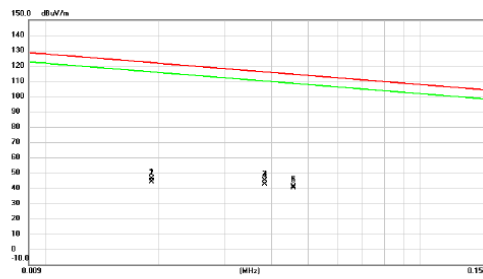
Radiated Emissions Test Photos**1 GHz to 18 GHz**

Radiated Emissions Test Photos**Above 18 GHz**

APPENDIX A - RADIATED SPURIOUS EMISSIONS (9KHZ TO 30MHZ)

Test Mode : TX Mode

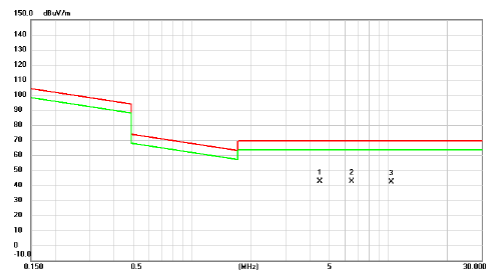
Ant 0°



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	0.0192	25.13	21.07	46.20	121.94	-75.74	peak	
2	0.0192	23.25	21.07	44.32	121.94	-77.62	AVG	
3 *	0.0383	23.54	21.27	44.81	115.94	-71.13	peak	
4	0.0383	21.33	21.27	42.60	115.94	-73.34	AVG	
5	0.0458	19.66	21.31	40.97	114.39	-73.42	peak	
6	0.0458	18.72	21.31	40.03	114.39	-74.36	AVG	

Test Mode : TX Mode

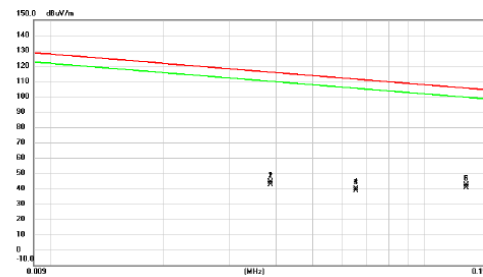
Ant 0°



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4.4783	21.05	21.37	42.42	69.54	-27.12	QP	
2 *	6.4782	21.12	21.52	42.64	69.54	-26.90	QP	
3	10.3587	20.87	21.62	42.29	69.54	-27.25	QP	

Test Mode : TX Mode

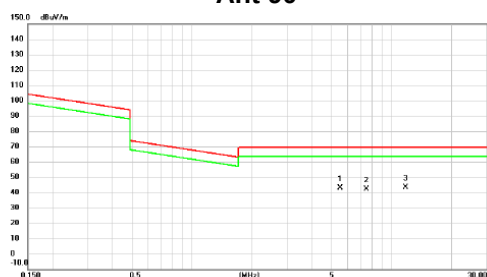
Ant 90°



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	0.0386	23.12	21.27	44.39	115.87	-71.48	peak	
2	0.0386	21.33	21.27	42.60	115.87	-73.27	AVG	
3	0.0653	18.45	21.33	39.78	111.31	-71.53	peak	
4	0.0653	17.42	21.33	38.75	111.31	-72.56	AVG	
5 *	0.1290	20.96	21.29	42.25	105.40	-63.15	peak	
6	0.1290	19.13	21.29	40.42	105.40	-64.98	AVG	

Test Mode : TX Mode

Ant 90°

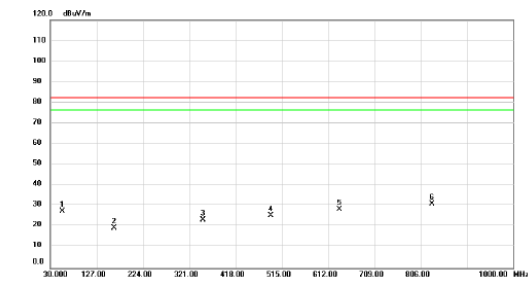


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5.5230	21.40	21.45	42.85	69.54	-26.69	QP	
2	7.4931	20.57	21.60	42.17	69.54	-27.37	QP	
3 *	11.7915	21.78	21.56	43.34	69.54	-26.20	QP	

APPENDIX B - RADIATED SPURIOUS EMISSIONS (30MHZ TO 1GHZ)

Test Mode : WCDMA Band IV_TX CH1413

Vertical



No.	Mk.	Freq. MHz	Reading Level dBμV	Correct Factor dB	Measure- ment dBμV/m	Limit dBμV/m	Margin dB	Detector	Comment
1		55.7050	39.15	-11.74	27.41	82.30	-54.89	peak	
2		163.8800	30.54	-11.33	19.21	82.30	-63.09	peak	
3		350.1000	32.68	-9.41	23.27	82.30	-59.03	peak	
4		481.7200	31.00	-6.70	24.30	82.30	-57.99	peak	
5		636.2500	30.54	-2.27	28.27	82.30	-54.03	peak	
6	*	830.2500	30.49	0.63	31.12	82.30	-51.18	peak	

Test Mode : WCDMA Band IV_TX CH1413

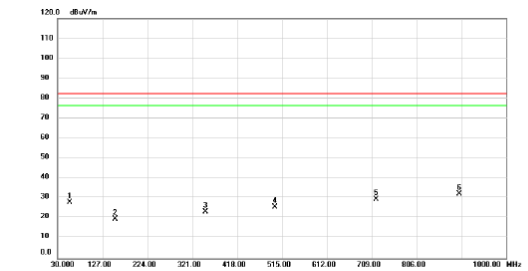
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBμV	Correct Factor dB	Measure- ment dBμV/m	Limit dBμV/m	Margin dB	Detector	Comment
1		85.7750	36.05	-16.97	19.08	82.30	-63.22	peak	
2		149.3100	31.00	-11.34	19.66	82.30	-62.64	peak	
3		350.1000	32.13	-9.41	22.72	82.30	-59.58	peak	
4		461.6500	30.55	-6.22	24.33	82.30	-57.97	peak	
5		579.5050	30.05	-3.57	26.48	82.30	-55.82	peak	
6	*	823.9450	32.23	0.61	32.84	82.30	-49.46	peak	

Test Mode : LTE Band 4_TX CH20175_1.4MHz

Vertical



No.	Mk.	Freq. MHz	Reading Level dBμV	Correct Factor dB	Measure- ment dBμV/m	Limit dBμV/m	Margin dB	Detector	Comment
1		56.6750	39.77	-11.83	27.94	82.30	-54.36	peak	
2		154.6450	30.89	-11.24	19.65	82.30	-62.65	peak	
3		350.1000	32.52	-9.41	23.11	82.30	-59.19	peak	
4		499.4800	31.18	-5.57	25.61	82.30	-56.69	peak	
5		719.1850	30.61	-0.93	29.68	82.30	-52.62	peak	
6	*	898.6350	30.92	1.18	32.10	82.30	-50.20	peak	

Test Mode : LTE Band 4_TX CH20175_1.4MHz

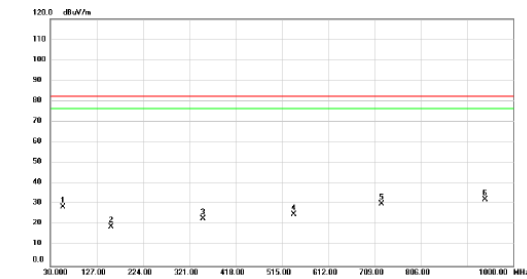
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBμV	Correct Factor dB	Measure- ment dBμV/m	Limit dBμV/m	Margin dB	Detector	Comment
1		85.2900	36.33	-16.94	19.39	82.30	-62.91	peak	
2		289.4750	30.63	-10.88	19.75	82.30	-62.55	peak	
3		466.5000	31.03	-6.14	24.89	82.30	-57.41	peak	
4		637.2200	31.47	-2.25	29.22	82.30	-53.08	peak	
5		810.8500	30.67	0.56	31.23	82.30	-51.07	peak	
6	*	926.7650	30.85	1.71	32.56	82.30	-49.74	peak	

Test Mode : LTE Band 4_TX CH20175_5MHz

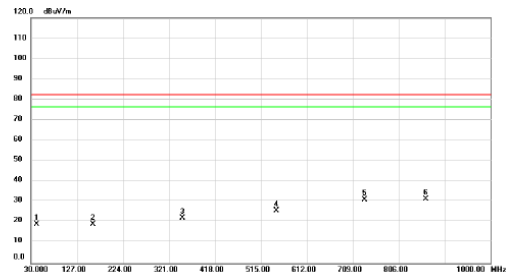
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		56.6750	40.43	-11.83	28.60	82.30	-53.70	peak	
2		167.5550	30.41	-11.21	19.20	82.30	-63.10	peak	
3		350.1000	32.42	-9.41	23.01	82.30	-59.29	peak	
4		540.7050	29.75	-4.69	25.06	82.30	-57.24	peak	
5		724.0350	30.98	-0.81	30.17	82.30	-52.13	peak	
6	*	940.8300	30.11	1.99	32.10	82.30	-50.20	peak	

Test Mode : LTE Band 4_TX CH20175_5MHz

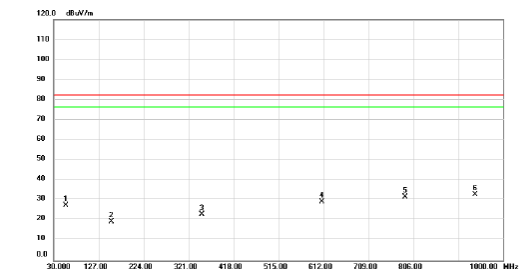
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		42.6100	30.98	-11.88	19.10	82.30	-63.20	peak	
2		160.9500	30.33	-11.23	19.10	82.30	-63.20	peak	
3		350.1000	31.51	-9.41	22.10	82.30	-60.20	peak	
4		547.6800	30.34	-4.54	25.80	82.30	-56.50	peak	
5		734.2200	31.49	-0.58	30.91	82.30	-51.39	peak	
6	*	863.7150	30.64	0.84	31.48	82.30	-50.82	peak	

Test Mode : LTE Band 4_TX CH20175_20MHz

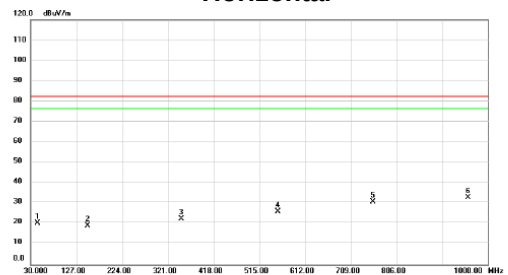
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		56.6750	39.31	-11.83	27.48	82.30	-54.82	peak	
2		154.6450	30.46	-11.24	19.22	82.30	-63.08	peak	
3		350.1000	32.48	-9.41	23.07	82.30	-59.23	peak	
4		608.6050	32.17	-2.77	29.40	82.30	-52.90	peak	
5		788.5400	31.19	0.35	31.54	82.30	-50.76	peak	
6	*	939.8500	31.02	1.97	32.99	82.30	-49.31	peak	

Test Mode : LTE Band 4_TX CH20175_20MHz

Horizontal

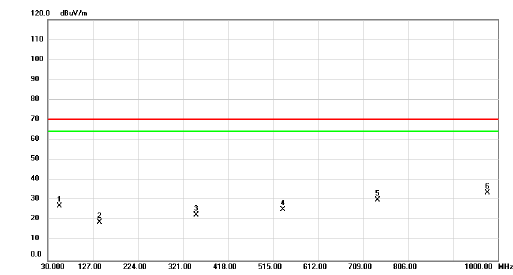


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		44.5500	32.08	-11.70	20.38	82.30	-61.92	peak	
2		150.7650	30.42	-11.28	19.14	82.30	-63.16	peak	
3		350.1000	31.70	-9.41	22.29	82.30	-60.01	peak	
4		554.2850	30.24	-4.35	25.89	82.30	-56.41	peak	
5		756.5300	30.82	-0.11	30.71	82.30	-51.59	peak	
6	*	957.3200	30.56	2.18	32.74	82.30	-49.56	peak	

Test Mode : LTE Band 7_TX CH21100_5MHz

Test Mode : LTE Band 7_TX CH21100_5MHz

Vertical



No.	Mk.	Freq. MHz	Reading Level dBμV	Correct Factor dB	Measure- ment dBμV/m	Limit dBμV/m	Margin dB	Detector	Comment
1		56.2200	38.95	-11.71	27.24	70.30	-43.08	peak	
2		142.0350	30.86	-11.85	19.01	70.30	-51.19	peak	
3		350.1000	32.05	-9.41	22.64	70.30	-47.66	peak	
4		535.8550	30.06	-4.80	25.26	70.30	-45.04	peak	
5		741.0100	30.59	-0.41	30.18	70.30	-40.12	peak	
6	*	977.2050	31.50	2.23	33.73	70.30	-36.57	peak	

Horizontal

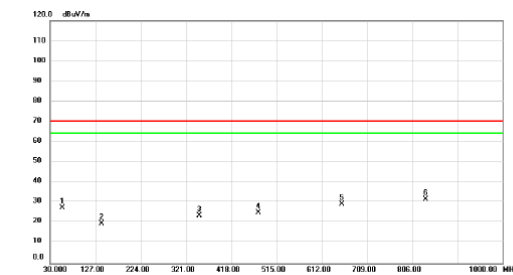


No.	Mk.	Freq. MHz	Reading Level dBμV	Correct Factor dB	Measure- ment dBμV/m	Limit dBμV/m	Margin dB	Detector	Comment
1		60.0700	30.87	-12.12	18.75	70.30	-51.55	peak	
2		161.4350	30.43	-11.23	19.20	70.30	-51.10	peak	
3		350.1000	31.07	-9.41	21.66	70.30	-48.64	peak	
4		562.5300	30.25	-4.10	26.15	70.30	-44.15	peak	
5		753.1350	30.78	-0.18	30.62	70.30	-39.68	peak	
6	*	911.7300	30.93	1.42	32.35	70.30	-37.95	peak	

Test Mode : LTE Band 7_TX CH21100_20MHz

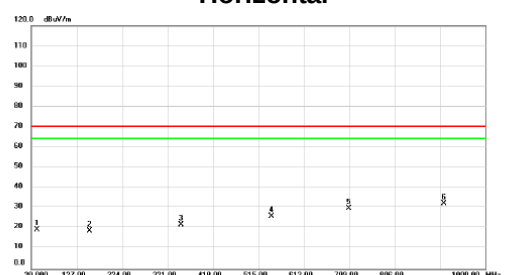
Test Mode : LTE Band 7_TX CH21100_20MHz

Vertical



No.	Mk.	Freq. MHz	Reading Level dBμV	Correct Factor dB	Measure- ment dBμV/m	Limit dBμV/m	Margin dB	Detector	Comment
1		56.1900	39.28	-11.79	27.49	70.30	-42.81	peak	
2		140.5800	31.61	-11.98	19.63	70.30	-50.65	peak	
3		350.1000	32.98	-9.41	23.57	70.30	-46.73	peak	
4		476.2000	31.11	-5.98	25.13	70.30	-45.17	peak	
5		655.6500	31.32	-1.95	29.37	70.30	-40.93	peak	
6	*	835.1000	30.95	0.65	31.60	70.30	-38.70	peak	

Horizontal

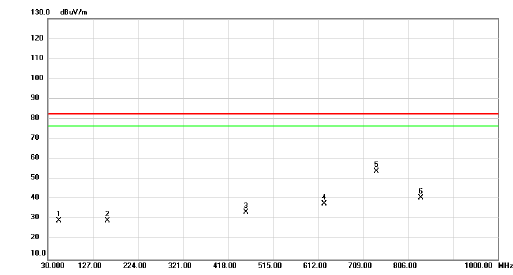


No.	Mk.	Freq. MHz	Reading Level dBμV	Correct Factor dB	Measure- ment dBμV/m	Limit dBμV/m	Margin dB	Detector	Comment
1		42.6100	31.34	-11.88	19.46	70.30	-50.84	peak	
2		154.1800	29.96	-11.24	18.72	70.30	-51.58	peak	
3		350.1000	31.23	-9.41	21.82	70.30	-48.48	peak	
4		543.1300	30.46	-4.65	25.81	70.30	-44.49	peak	
5		708.5150	30.93	-1.17	29.76	70.30	-40.54	peak	
6	*	911.2450	30.94	1.41	32.35	70.30	-37.95	peak	

Test Mode : LTE Band 12_TX CH23095_1.4MHz

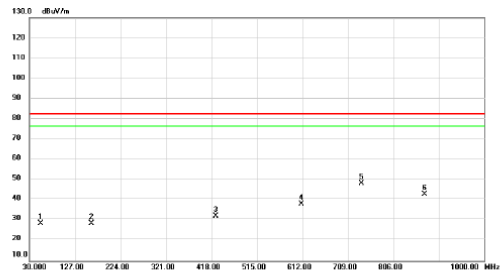
Test Mode : LTE Band 12_TX CH23095_1.4MHz

Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm/Hz	Limit dBm/Hz	Margin dB	Detector	Comment
1		54.2500	31.09	-1.67	29.42	82.30	-52.88	peak	
2		159.0100	30.66	-1.19	29.47	82.30	-52.83	peak	
3		459.8000	29.79	3.70	33.49	82.30	-48.81	peak	
4		625.5800	30.30	7.54	37.84	82.30	-44.46	peak	
5	*	738.1000	44.32	9.63	53.95	82.30	-28.35	peak	
6		834.1300	29.98	10.65	40.63	82.30	-41.67	peak	

Horizontal

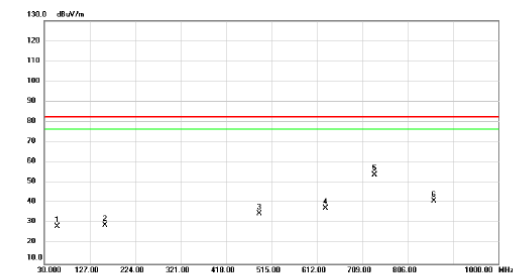


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm/Hz	Limit dBm/Hz	Margin dB	Detector	Comment
1		54.2500	30.19	-1.67	28.52	82.30	-53.78	peak	
2		162.4050	29.64	-1.28	28.36	82.30	-53.94	peak	
3		428.1850	29.20	2.85	32.05	82.30	-50.25	peak	
4		610.0600	30.66	7.25	37.91	82.30	-44.39	peak	
5	*	737.6150	38.78	9.51	48.29	82.30	-34.01	peak	
6		871.9600	32.03	10.63	42.66	82.30	-39.64	peak	

Test Mode : LTE Band 12_TX CH23095_5MHz

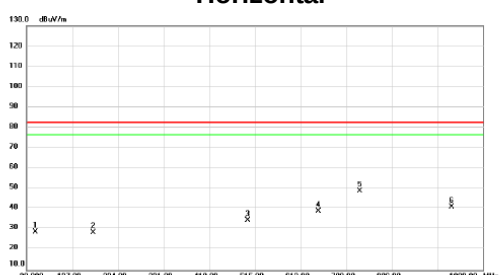
Test Mode : LTE Band 12_TX CH23095_5MHz

Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm/Hz	Limit dBm/Hz	Margin dB	Detector	Comment
1		57.6450	30.28	-1.91	28.37	82.30	-53.93	peak	
2		159.4950	30.27	-1.19	29.08	82.30	-53.22	peak	
3		489.7800	30.55	4.26	34.81	82.30	-47.49	peak	
4		630.9150	29.95	7.64	37.59	82.30	-44.71	peak	
5	*	735.1900	44.41	9.45	53.86	82.30	-28.44	peak	
6		861.7750	30.18	10.83	41.01	82.30	-41.29	peak	

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm/Hz	Limit dBm/Hz	Margin dB	Detector	Comment
1		48.4300	30.40	-1.58	28.82	82.30	-53.48	peak	
2		172.1050	30.23	-1.76	28.47	82.30	-53.83	peak	
3		499.4800	30.08	4.43	34.51	82.30	-47.79	peak	
4		649.8300	31.03	7.98	39.01	82.30	-43.29	peak	
5	*	738.5850	39.18	9.54	48.72	82.30	-33.58	peak	
6		933.5550	29.29	11.85	41.14	82.30	-41.16	peak	

Test Mode : LTE Band 12_TX CH23095_10MHz

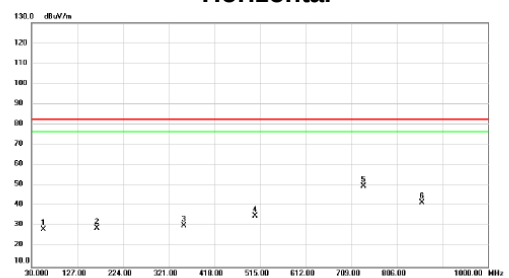
Test Mode : LTE Band 12_TX CH23095_10MHz

Vertical



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBm		dBm/Hz	dBm/Hz	dB		
1		55.2200	30.35	-1.71	28.64	82.30	-53.66	peak	
2		157.0700	30.47	-1.22	29.25	82.30	-53.05	peak	
3		507.2400	29.79	4.59	34.38	82.30	-47.92	peak	
4		842.0700	31.10	7.83	38.93	82.30	-43.37	peak	
5 *		733.7350	45.89	9.41	55.10	82.30	-27.20	peak	
6		885.5400	30.80	11.05	41.85	82.30	-40.45	peak	

Horizontal

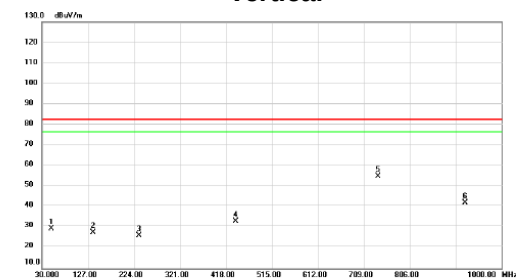


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBm		dBm/Hz	dBm/Hz	dB		
1		55.7050	30.32	-1.74	28.58	82.30	-53.72	peak	
2		168.7100	30.49	-1.50	28.99	82.30	-53.31	peak	
3		353.9800	29.66	0.64	30.30	82.30	-52.00	peak	
4		505.7850	30.40	4.58	34.98	82.30	-47.34	peak	
5 *		735.6750	40.34	9.46	49.80	82.30	-32.50	peak	
6		859.8350	30.90	10.81	41.71	82.30	-40.59	peak	

Test Mode : LTE Band 17_TX CH23790_5MHz

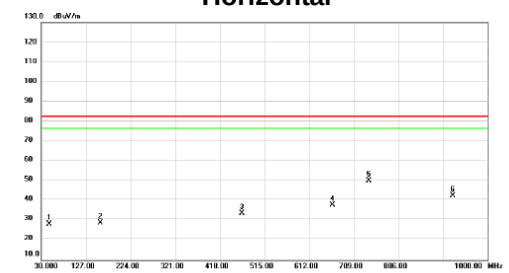
Test Mode : LTE Band 17_TX CH23790_5MHz

Vertical



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBm		dBm/Hz	dBm/Hz	dB		
1		49.8850	30.86	-1.53	29.33	82.30	-52.97	peak	
2		138.1550	29.61	-2.16	27.45	82.30	-54.85	peak	
3		235.1550	29.21	-3.18	26.03	82.30	-56.27	peak	
4		438.8550	29.66	3.20	32.86	82.30	-49.44	peak	
5 *		739.5550	45.35	9.55	54.92	82.30	-27.38	peak	
6		922.8850	30.22	11.64	41.86	82.30	-40.44	peak	

Horizontal

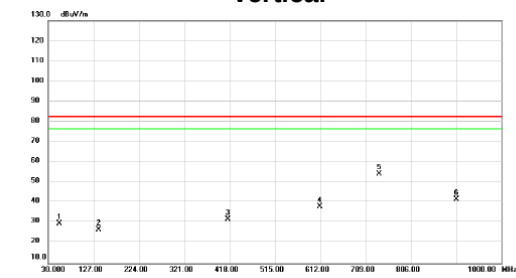


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBm		dBm/Hz	dBm/Hz	dB		
1		47.9450	29.67	-1.59	28.08	82.30	-54.22	peak	
2		158.0400	30.03	-1.21	28.82	82.30	-53.48	peak	
3		468.5000	29.77	3.86	33.63	82.30	-48.67	peak	
4		662.4400	29.73	8.14	37.87	82.30	-44.43	peak	
5 *		741.9800	40.43	9.61	50.04	82.30	-32.26	peak	
6		924.8250	30.77	11.68	42.45	82.30	-39.85	peak	

Test Mode : LTE Band 17_TX CH23790_10MHz

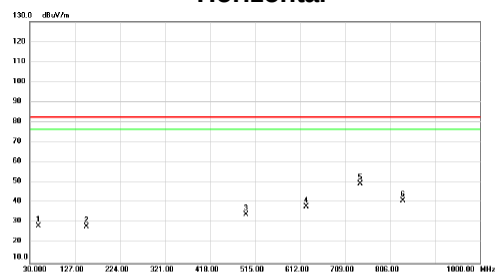
Test Mode : LTE Band 17_TX CH23790_10MHz

Vertical



No.	Mk.	Freq. MHz	Reading Level dBμV	Correct Factor dB	Measure- ment dBμV/m	Limit dBμV/m	Margin dB	Detector	Comment
1		54.2500	31.27	-1.67	29.60	82.30	-52.70	peak	
2		138.1550	28.89	-2.16	26.73	82.30	-55.57	peak	
3		414.6050	29.46	2.39	31.85	82.30	-50.45	peak	
4		611.0300	30.73	7.27	38.00	82.30	-44.30	peak	
5	*	737.6150	44.65	9.51	54.16	82.30	-28.14	peak	
6		903.9700	30.31	11.27	41.58	82.30	-40.72	peak	

Horizontal

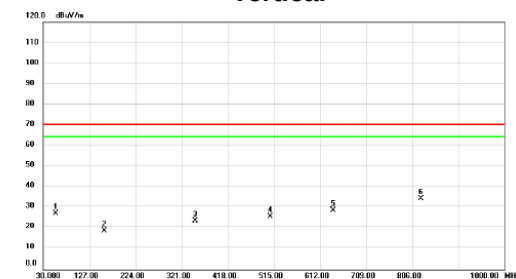


No.	Mk.	Freq. MHz	Reading Level dBμV	Correct Factor dB	Measure- ment dBμV/m	Limit dBμV/m	Margin dB	Detector	Comment
1		48.4300	29.88	-1.58	28.30	82.30	-54.00	peak	
2		152.2200	29.38	-1.26	28.12	82.30	-54.18	peak	
3		495.5700	29.87	4.38	34.25	82.30	-48.05	peak	
4		625.0950	30.54	7.53	38.07	82.30	-44.23	peak	
5	*	741.9800	39.98	9.61	49.59	82.30	-32.71	peak	
6		834.1300	30.52	10.65	41.17	82.30	-41.13	peak	

Test Mode : LTE Band 38_TX CH38000_5MHz

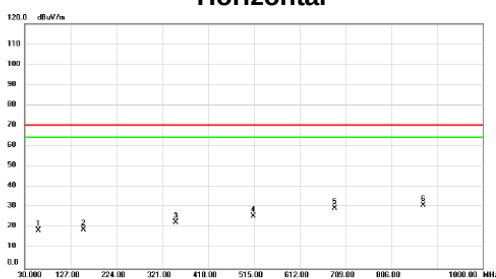
Test Mode : LTE Band 38_TX CH38000_5MHz

Vertical



No.	Mk.	Freq. MHz	Reading Level dBμV	Correct Factor dB	Measure- ment dBμV/m	Limit dBμV/m	Margin dB	Detector	Comment
1		56.1900	39.02	-11.79	27.23	70.30	-43.07	peak	
2		159.0100	30.07	-11.19	18.88	70.30	-51.42	peak	
3		350.1000	32.89	-9.41	23.48	70.30	-46.82	peak	
4		508.2100	30.96	-5.38	25.58	70.30	-44.72	peak	
5		640.1300	30.85	-2.20	28.65	70.30	-41.65	peak	
6	*	824.9150	33.87	0.61	34.48	70.30	-35.82	peak	

Horizontal

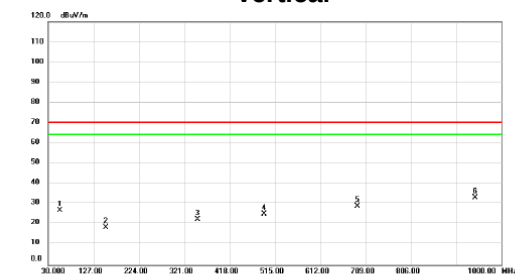


No.	Mk.	Freq. MHz	Reading Level dBμV	Correct Factor dB	Measure- ment dBμV/m	Limit dBμV/m	Margin dB	Detector	Comment
1		59.1000	30.66	-12.03	18.63	70.30	-51.67	peak	
2		155.1300	30.20	-11.23	18.97	70.30	-51.33	peak	
3		350.1000	32.06	-9.41	22.65	70.30	-47.65	peak	
4		514.0300	30.96	-5.26	25.70	70.30	-44.60	peak	
5		685.7200	31.24	-1.56	29.68	70.30	-40.62	peak	
6	*	874.3850	30.08	0.65	31.03	70.30	-39.27	peak	

Test Mode : LTE Band 38_TX CH38000_20MHz

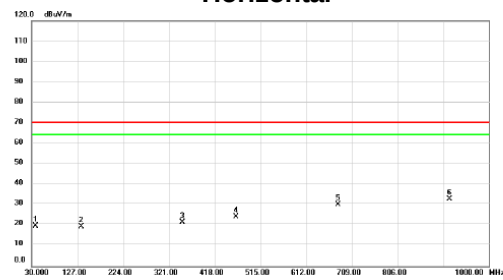
Test Mode : LTE Band 38_TX CH38000_20MHz

Vertical



No.	Mk.	Freq. MHz	Reading Level dBμV	Correct Factor dB	Measure- ment dBμV/m	Limit dBμV/m	Margin dB	Detector	Comment
1		55.7050	38.01	-11.74	26.87	70.30	-43.43	peak	
2		153.1600	29.79	-11.26	18.53	70.30	-51.77	peak	
3		350.1000	31.05	-9.41	22.24	70.30	-48.06	peak	
4		492.6900	30.82	-5.69	25.13	70.30	-45.17	peak	
5		692.0250	30.55	-1.47	29.08	70.30	-41.22	peak	
6	*	943.7400	31.21	2.04	33.25	70.30	-37.05	peak	

Horizontal

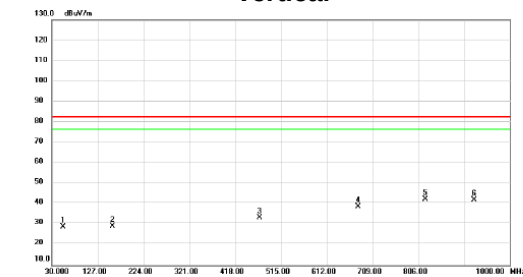


No.	Mk.	Freq. MHz	Reading Level dBμV	Correct Factor dB	Measure- ment dBμV/m	Limit dBμV/m	Margin dB	Detector	Comment
1		38.2450	31.83	-12.31	19.52	70.30	-50.78	peak	
2		135.7300	31.69	-12.36	19.33	70.30	-50.97	peak	
3		350.1000	30.99	-9.41	21.58	70.30	-48.72	peak	
4		483.5900	30.49	-6.19	24.30	70.30	-46.00	peak	
5		679.4150	31.86	-1.63	30.23	70.30	-40.07	peak	
6	*	917.0850	31.31	1.53	32.84	70.30	-37.46	peak	

Test Mode : LTE Band 66_TX CH132322_1.4MHz

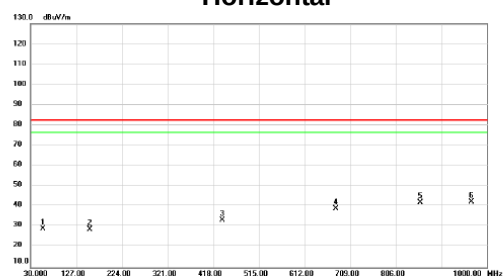
Test Mode : LTE Band 66_TX CH132322_1.4MHz

Vertical



No.	Mk.	Freq. MHz	Reading Level dBμV	Correct Factor dB	Measure- ment dBμV/m	Limit dBμV/m	Margin dB	Detector	Comment
1		54.2500	30.33	-1.67	28.66	82.30	-53.64	peak	
2		159.0100	30.25	-1.19	29.06	82.30	-53.24	peak	
3		470.3800	29.34	3.93	33.27	82.30	-49.03	peak	
4		678.9300	30.37	8.36	38.73	82.30	-43.57	peak	
5	*	821.0350	31.72	10.60	42.32	82.30	-39.98	peak	
6		924.3400	30.23	11.67	41.90	82.30	-40.40	peak	

Horizontal

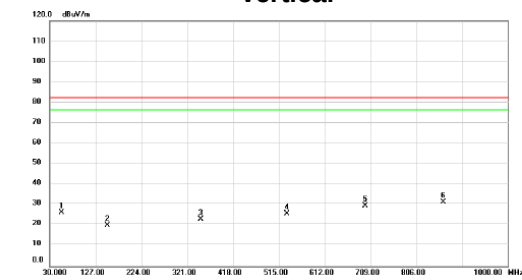


No.	Mk.	Freq. MHz	Reading Level dBμV	Correct Factor dB	Measure- ment dBμV/m	Limit dBμV/m	Margin dB	Detector	Comment
1		66.0750	30.98	-1.83	29.15	82.30	-53.15	peak	
2		156.1000	29.95	-1.23	28.72	82.30	-53.58	peak	
3		437.9850	30.17	3.16	33.33	82.30	-48.97	peak	
4		677.9600	30.51	8.35	38.86	82.30	-43.44	peak	
5		857.8950	31.07	10.79	41.86	82.30	-40.44	peak	
6	*	966.5350	30.02	12.21	42.23	82.30	-40.07	peak	

Test Mode : LTE Band 66_TX CH132322_5MHz

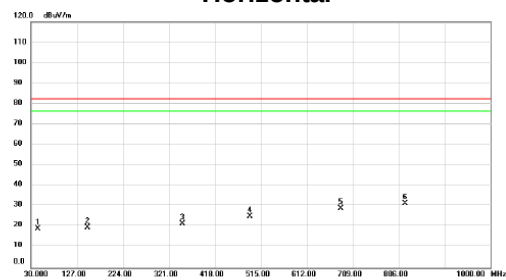
Test Mode : LTE Band 66_TX CH132322_5MHz

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		55.2200	37.94	-11.71	26.23	82.30	-56.07	peak	
2		152.7050	31.21	-11.26	19.95	82.30	-62.35	peak	
3		350.1000	32.22	-9.41	22.81	82.30	-59.49	peak	
4		532.9450	30.55	-4.86	25.69	82.30	-56.61	peak	
5		697.9450	31.04	-1.39	29.65	82.30	-52.65	peak	
6	*	863.2300	30.54	0.84	31.38	82.30	-50.92	peak	

Horizontal

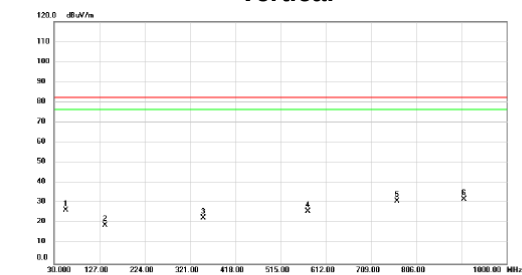


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		45.0350	30.66	-11.66	19.00	82.30	-63.30	peak	
2		149.3100	31.05	-11.34	19.71	82.30	-62.59	peak	
3		350.1000	30.82	-9.41	21.41	82.30	-60.89	peak	
4		492.6900	30.62	-5.69	24.93	82.30	-57.37	peak	
5		684.2850	30.38	-1.57	28.81	82.30	-53.49	peak	
6	*	819.0950	30.62	0.59	31.21	82.30	-51.09	peak	

Test Mode : LTE Band 66_TX CH132322_20MHz

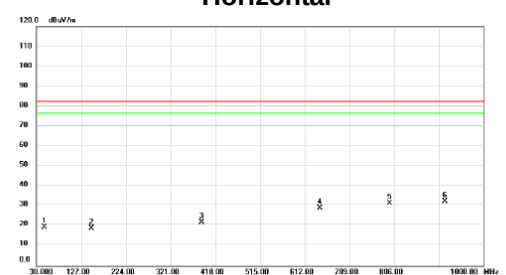
Test Mode : LTE Band 66_TX CH132322_20MHz

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		55.7050	38.39	-11.74	26.65	82.30	-55.65	peak	
2		139.1250	31.22	-12.06	19.16	82.30	-63.14	peak	
3		350.1000	32.18	-9.41	22.77	82.30	-59.53	peak	
4		574.1700	29.79	-3.74	26.05	82.30	-56.25	peak	
5		764.7750	31.04	0.00	31.04	82.30	-51.26	peak	
6	*	908.8200	30.56	1.36	31.92	82.30	-50.38	peak	

Horizontal



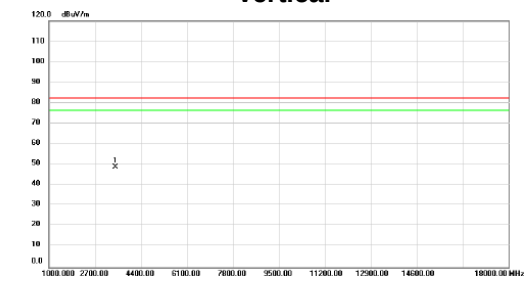
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		47.9450	30.94	-11.59	19.35	82.30	-62.95	peak	
2		149.7950	30.16	-11.30	18.86	82.30	-63.44	peak	
3		388.4150	30.06	-8.35	21.71	82.30	-60.59	peak	
4		644.9800	31.18	-2.11	29.07	82.30	-53.23	peak	
5		798.3000	30.79	0.47	31.26	82.30	-51.04	peak	
6	*	918.5800	30.61	1.52	32.13	82.30	-50.17	peak	

APPENDIX C - RADIATED SPURIOUS EMISSIONS (ABOVE 1GHZ)

Test Mode : WCDMA Band IV_TX CH1413

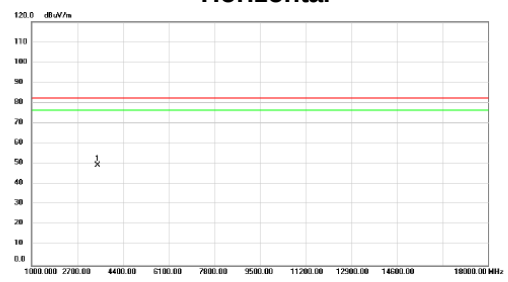
Test Mode : WCDMA Band IV_TX CH1413

Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3465.000	48.85	-0.18	48.67	82.30	-33.63	peak	

Horizontal

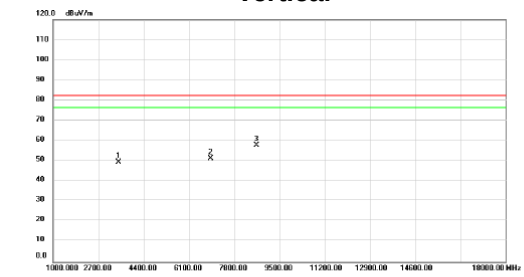


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3465.000	49.45	-0.18	49.27	82.30	-33.03	peak	

Test Mode : LTE Band 4_TX CH20175_1.4MHz

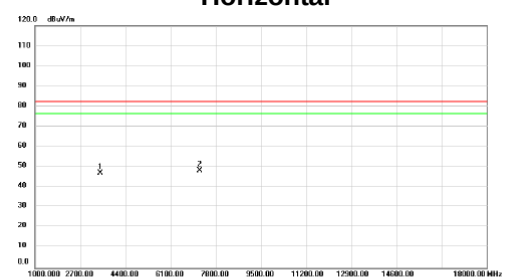
Test Mode : LTE Band 4_TX CH20175_1.4MHz

Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		3465.000	49.88	-0.18	49.50	82.30	-32.80	peak	
2		6624.500	41.04	10.07	51.11	82.30	-31.19	peak	
3	*	8658.500	45.53	12.15	57.68	82.30	-24.62	peak	

Horizontal

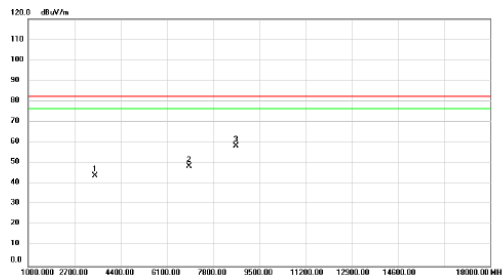


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		3465.000	47.12	-0.18	46.94	82.30	-35.36	peak	
2	*	7196.500	37.98	10.23	48.21	82.30	-34.09	peak	

Test Mode : LTE Band 4_TX CH20175_5MHz

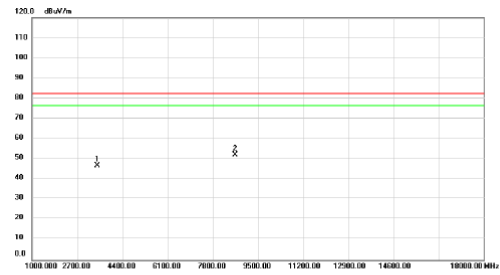
Test Mode : LTE Band 4_TX CH20175_5MHz

Vertical



No. Msk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	3455.000	44.10	-0.18	43.92	82.30	-38.38	peak	
2	6624.500	38.53	10.07	48.60	82.30	-33.70	peak	
3 *	8650.000	48.29	12.17	58.46	82.30	-23.84	peak	

Horizontal

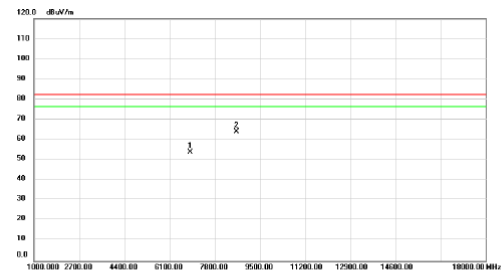


No. Msk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	3455.000	46.78	-0.22	46.56	82.30	-35.74	peak	
2 *	8650.000	39.77	12.17	51.94	82.30	-30.36	peak	

Test Mode : LTE Band 4_TX CH20175_20MHz

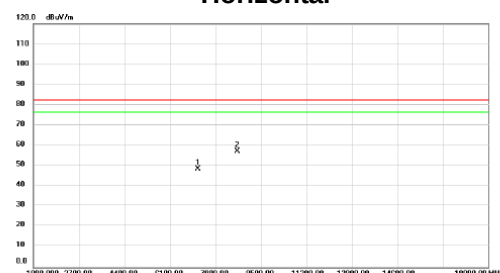
Test Mode : LTE Band 4_TX CH20175_20MHz

Vertical



No. Msk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	6690.500	43.93	9.96	53.89	82.30	-28.41	peak	
2 *	8616.000	51.81	12.26	64.07	82.30	-18.23	peak	

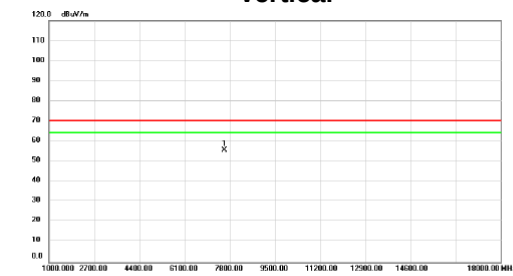
Horizontal



No. Msk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	7154.000	38.26	10.24	48.50	82.30	-33.80	peak	
2 *	8616.000	44.90	12.26	57.16	82.30	-25.14	peak	

Test Mode : LTE Band 7_TX CH21100_5MHz

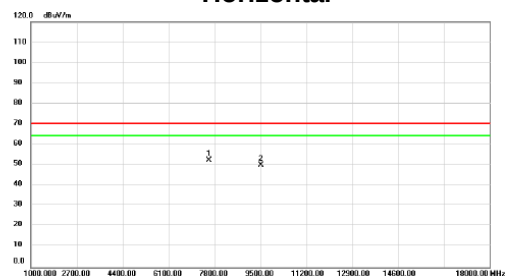
Vertical



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	7596.000	45.33	10.23	55.56	70.30	-14.74	peak	

Test Mode : LTE Band 7_TX CH21100_5MHz

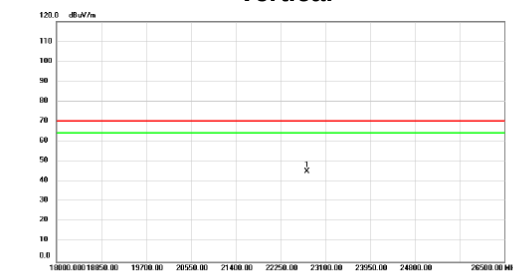
Horizontal



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	7596.000	42.10	10.23	52.33	70.30	-17.97	peak	
2	9534.000	38.89	10.99	49.88	70.30	-20.42	peak	

Test Mode : LTE Band 7_TX CH21100_5MHz

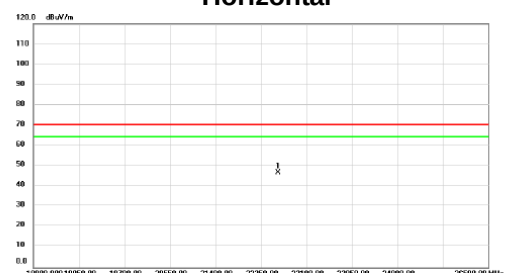
Vertical



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	22751.50	42.75	2.35	45.10	70.30	-25.20	peak	

Test Mode : LTE Band 7_TX CH21100_5MHz

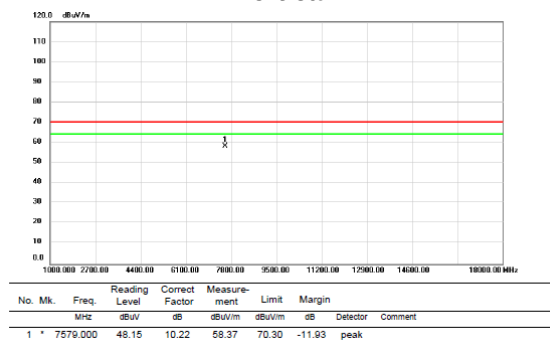
Horizontal



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	22573.00	44.71	2.01	46.72	70.30	-23.58	peak	

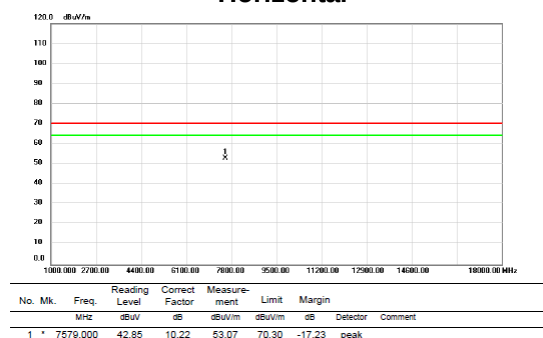
Test Mode : LTE Band 7_TX CH21100_20MHz

Vertical



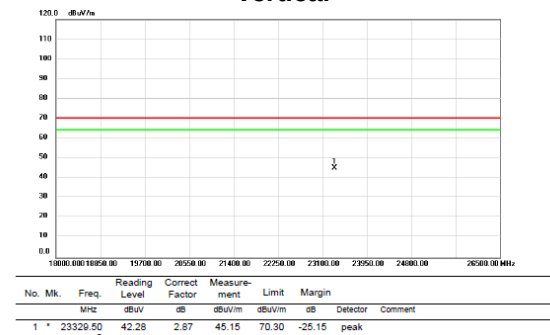
Test Mode : LTE Band 7_TX CH21100_20MHz

Horizontal



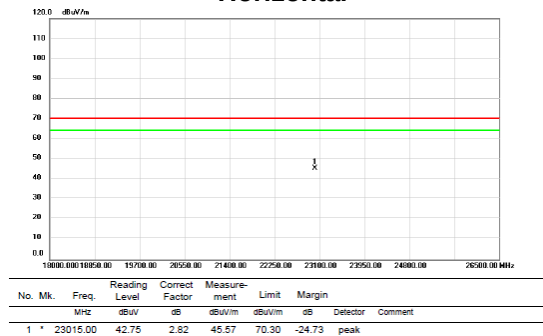
Test Mode : LTE Band 7_TX CH21100_20MHz

Vertical



Test Mode : LTE Band 7_TX CH21100_20MHz

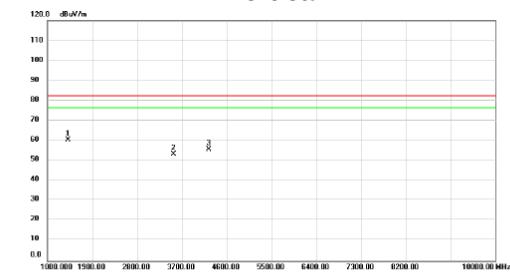
Horizontal



Test Mode : LTE Band 12_TX CH23095_1.4MHz

Test Mode : LTE Band 12_TX CH23095_1.4MHz

Vertical



No.	Mk.	Freq. MHz	Reading Level dBμV	Correct Factor dB	Measure- ment dBμV/m	Limit dBμV/m	Margin dB	Detector	Comment
1	*	1414.000	66.46	-6.11	60.35	82.30	-21.95	peak	
2		3533.500	53.16	0.05	53.21	82.30	-29.09	peak	
3		4244.500	53.24	2.55	55.79	82.30	-26.51	peak	

Horizontal

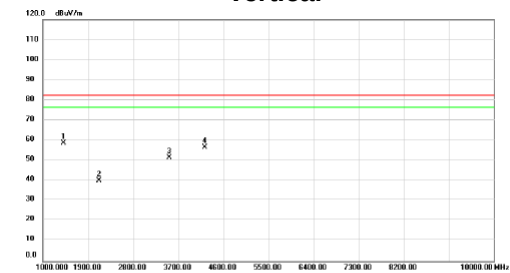


No.	Mk.	Freq. MHz	Reading Level dBμV	Correct Factor dB	Measure- ment dBμV/m	Limit dBμV/m	Margin dB	Detector	Comment
1	*	1414.000	58.11	-6.11	52.00	82.30	-30.30	peak	
2		3533.500	45.44	0.05	45.49	82.30	-36.81	peak	
3	*	4244.500	51.04	2.55	53.59	82.30	-28.71	peak	

Test Mode : LTE Band 12_TX CH23095_5MHz

Test Mode : LTE Band 12_TX CH23095_5MHz

Vertical



No.	Mk.	Freq. MHz	Reading Level dBμV	Correct Factor dB	Measure- ment dBμV/m	Limit dBμV/m	Margin dB	Detector	Comment
1	*	1409.500	64.68	-6.12	58.56	82.30	-23.74	peak	
2		2116.000	44.20	-4.05	40.15	82.30	-42.15	peak	
3		3524.500	51.46	0.01	51.47	82.30	-30.83	peak	
4		4231.000	53.96	2.53	56.49	82.30	-25.81	peak	

Horizontal

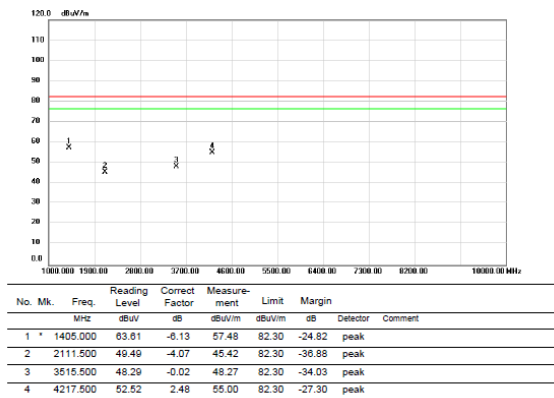


No.	Mk.	Freq. MHz	Reading Level dBμV	Correct Factor dB	Measure- ment dBμV/m	Limit dBμV/m	Margin dB	Detector	Comment
1	*	1409.500	57.73	-6.12	51.61	82.30	-30.69	peak	
2		3529.000	43.28	0.04	43.32	82.30	-38.98	peak	
3		4231.000	48.68	2.53	51.21	82.30	-31.09	peak	

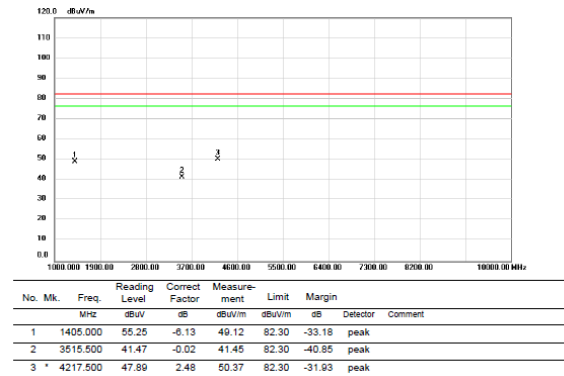
Test Mode : LTE Band 12_TX CH23095_10MHz

Test Mode : LTE Band 12_TX CH23095_10MHz

Vertical



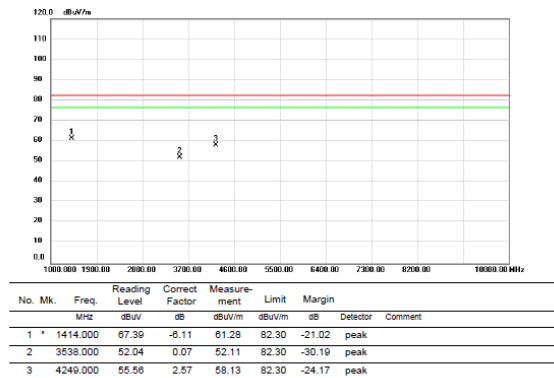
Horizontal



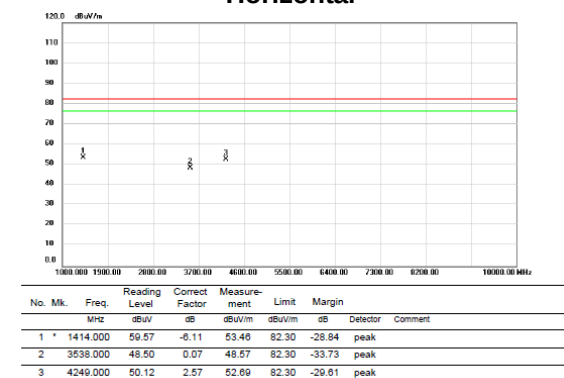
Test Mode : LTE Band 17_TX CH23790_5MHz

Test Mode : LTE Band 17_TX CH23790_5MHz

Vertical



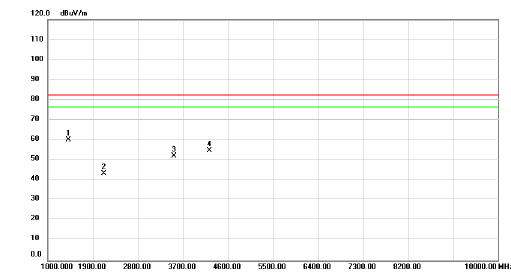
Horizontal



Test Mode : LTE Band 17_TX CH23790_10MHz

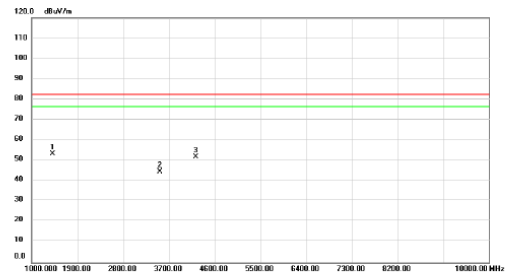
Test Mode : LTE Band 17_TX CH23790_10MHz

Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm/Hz	Limit dBm/Hz	Margin dB	Detector	Comment
1 *	1409.500	66.33	-6.12	60.21	82.30	-22.09	peak	
2	2116.000	47.40	-4.05	43.35	82.30	-38.95	peak	
3	3529.000	51.99	0.04	52.03	82.30	-30.27	peak	
4	4235.500	52.34	2.53	54.87	82.30	-27.43	peak	

Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm/Hz	Limit dBm/Hz	Margin dB	Detector	Comment
1 *	1409.500	59.23	-6.12	53.11	82.30	-29.19	peak	
2	3529.000	44.49	0.04	44.53	82.30	-37.77	peak	
3	4235.500	49.35	2.53	51.88	82.30	-30.42	peak	

Test Mode : LTE Band 38_TX CH38000_5MHz

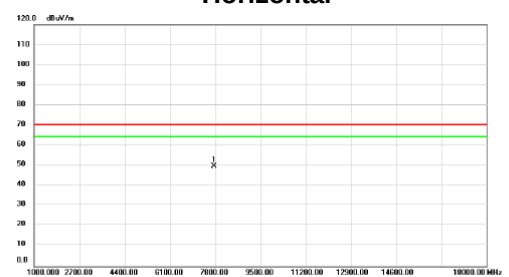
Test Mode : LTE Band 38_TX CH38000_5MHz

Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm/Hz	Limit dBm/Hz	Margin dB	Detector	Comment
1	4357.500	39.96	2.88	42.84	70.30	-27.46	peak	
2 *	7774.500	42.75	10.34	53.09	70.30	-17.21	peak	

Horizontal

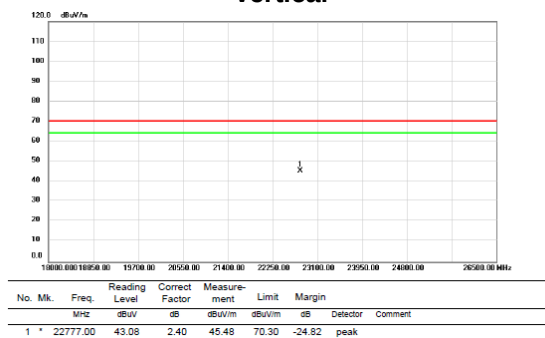


No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm/Hz	Limit dBm/Hz	Margin dB	Detector	Comment
1 *	7774.500	39.30	10.34	49.64	70.30	-20.66	peak	

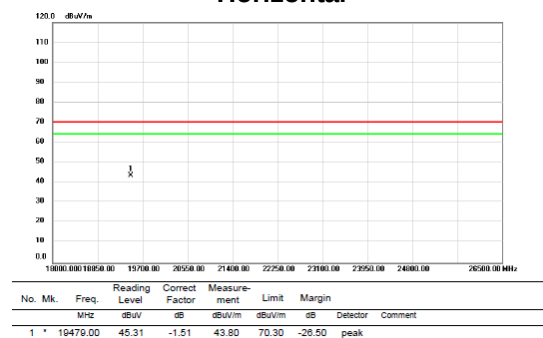
Test Mode : LTE Band 38_TX CH38000_5MHz

Test Mode : LTE Band 38_TX CH38000_5MHz

Vertical



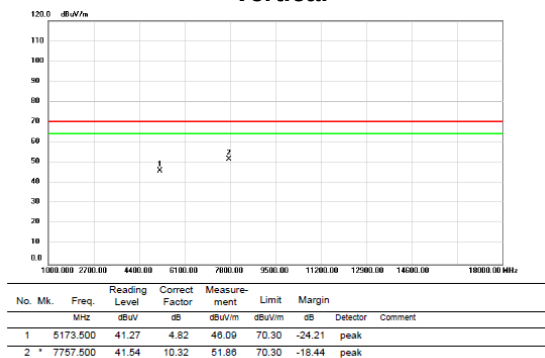
Horizontal



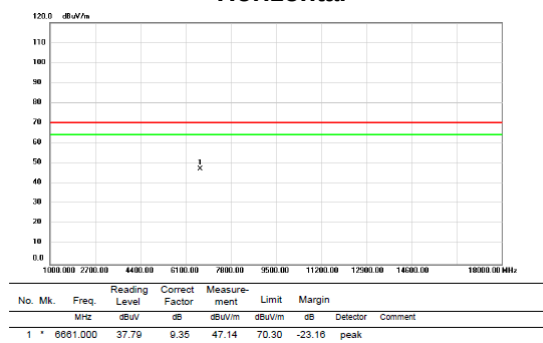
Test Mode : LTE Band 38_TX CH38000_20MHz

Test Mode : LTE Band 38_TX CH38000_20MHz

Vertical



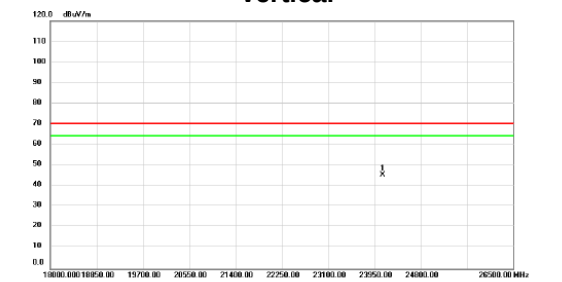
Horizontal



Test Mode : LTE Band 38_TX CH38000_20MHz

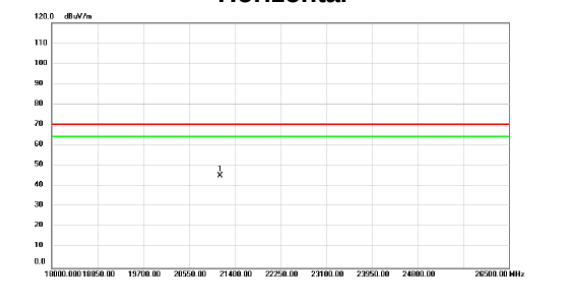
Test Mode : LTE Band 38_TX CH38000_20MHz

Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	24103.00	41.96	3.38	45.34	70.30	-24.96	peak	

Horizontal

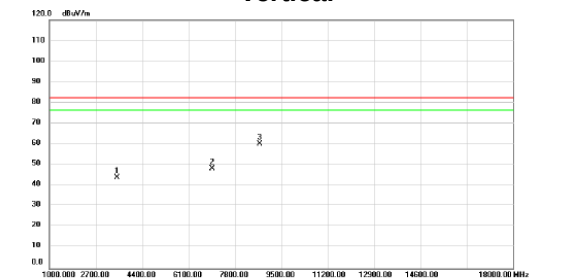


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	21128.00	44.81	0.37	45.18	70.30	-25.12	peak	

Test Mode : LTE Band 66_TX CH132322_1.4MHz

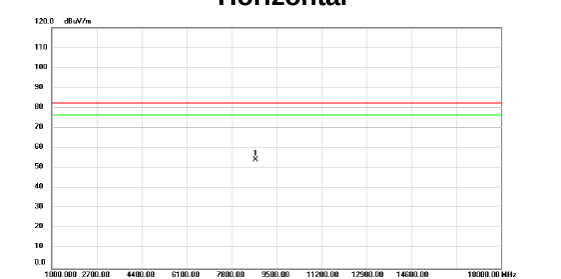
Test Mode : LTE Band 66_TX CH132322_1.4MHz

Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3490.500	44.14	-0.10	44.04	82.30	-38.26	peak	
2		6075.500	38.01	10.19	48.20	82.30	-34.10	peak	
3	*	8726.500	48.06	11.96	60.02	82.30	-22.28	peak	

Horizontal

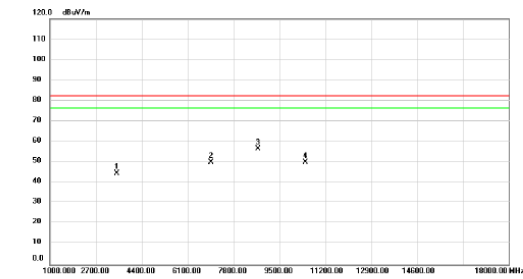


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	8726.500	42.15	11.96	54.11	82.30	-28.19	peak	

Test Mode : LTE Band 66_TX CH132322_5MHz

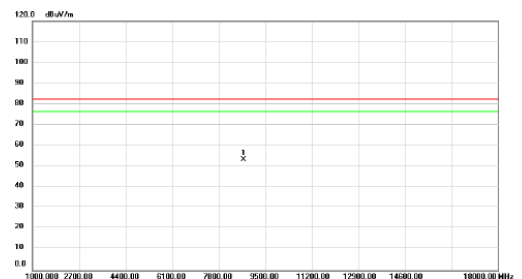
Test Mode : LTE Band 66_TX CH132322_5MHz

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		3482.000	44.01	-0.13	44.48	82.30	-37.82	peak	
2		6975.500	39.81	10.19	50.00	82.30	-32.30	peak	
3	*	8718.000	44.58	11.99	56.57	82.30	-25.73	peak	
4		10480.50	38.84	11.18	49.82	82.30	-32.48	peak	

Horizontal

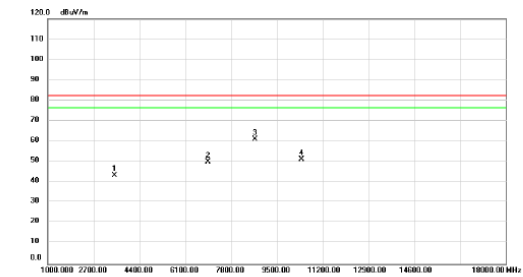


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	8718.000	41.16	11.99	53.15	82.30	-29.15	peak	

Test Mode : LTE Band 66_TX CH132322_20MHz

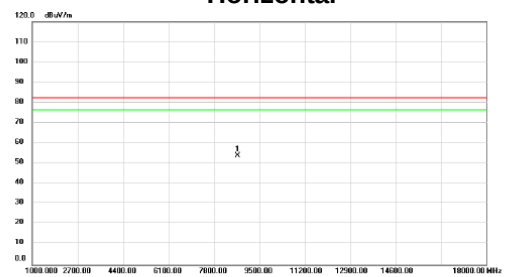
Test Mode : LTE Band 66_TX CH132322_20MHz

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		3473.500	43.39	-0.16	43.23	82.30	-39.07	peak	
2		6941.500	39.83	10.10	49.93	82.30	-32.37	peak	
3	*	8684.000	48.93	12.08	61.01	82.30	-21.29	peak	
4		10418.00	39.88	11.18	51.06	82.30	-31.24	peak	

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	8684.000	41.65	12.08	53.73	82.30	-28.57	peak	

APPENDIX D - OUTPUT POWER

Output Power (dBm):

Modulation	Band	WCDMA Band IV		
	Tx Channel	1312CH	1413CH	1513CH
	Frequency	1712.4MHz	1732.6MHz	1752.6MHz
QPSK	RMC 12.2K	23.64	23.26	23.5
	RMC 64K	23.62	23.23	23.48
	RMC 144K	23.62	23.23	23.47
	RMC 384K	23.62	23.22	23.58
	HSDPA Subtest-1	22.39	22.08	22.28
	HSDPA Subtest-2	22.38	22.19	22.3
	HSDPA Subtest-3	21.86	21.69	21.81
	HSDPA Subtest-4	21.84	21.62	21.81
	HSUPA Subtest-1	21.55	22.16	22
	HSUPA Subtest-2	21.02	20.67	21.08
	HSUPA Subtest-3	21.22	20.28	21.26
	HSUPA Subtest-4	21.07	21.46	21.31
	HSUPA Subtest-5	22.34	22.11	22.26

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				19957CH	20175CH	20393CH
				1710.7MHz	1732.5MHz	1754.3MHz
4 / 1.4MHz	QPSK	1	0	21.95	22.07	21.89
		1	2	21.98	22.07	22.07
		1	5	21.88	21.93	22.00
		3	0	21.92	22.12	22.01
		3	1	21.93	22.12	21.99
		3	2	21.96	22.07	22.04
		6	0	21.04	21.10	21.10
	16QAM	1	0	20.98	20.96	21.16
		1	2	21.36	20.40	21.02
		1	5	20.89	20.83	20.92
		3	0	21.11	20.75	20.63
		3	1	20.87	20.64	20.69
		3	2	20.97	20.98	20.69
		6	0	19.56	19.88	20.11

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				19965CH	20175CH	20385CH
				1711.5MHz	1732.5MHz	1753.5MHz
4 / 3MHz	QPSK	1	0	22.14	21.90	21.90
		1	7	22.19	21.91	22.20
		1	14	21.96	21.98	22.15
		8	0	20.96	21.15	21.02
		8	4	20.97	21.04	21.03
		8	7	20.94	21.09	21.03
		15	0	20.85	21.16	20.99
	16QAM	1	0	21.35	20.78	21.35
		1	7	21.37	20.93	20.96
		1	14	21.44	20.86	21.41
		8	0	19.71	20.03	20.16
		8	4	19.74	20.08	20.19
		8	7	19.66	19.95	20.20
		15	0	19.84	19.98	20.13

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				19975CH	20175CH	20375CH
				1712.5MHz	1732.5MHz	1752.5MHz
4 / 5MHz	QPSK	1	0	21.93	21.70	21.73
		1	13	21.74	21.54	21.92
		1	24	21.87	21.76	22.08
		12	0	20.96	21.08	21.07
		12	6	20.87	21.01	21.00
		12	11	20.92	21.07	21.21
		25	0	20.96	21.12	21.09
	16QAM	1	0	20.90	20.69	20.73
		1	13	20.70	20.53	20.22
		1	24	20.85	20.59	20.85
		12	0	19.96	19.84	19.77
		12	6	19.87	19.81	20.05
		12	11	19.93	19.78	20.19
		25	0	20.08	20.20	20.05

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20000CH	20175CH	20350CH
				1715MHz	1732.5MHz	1750MHz
4 / 10MHz	QPSK	1	0	22.03	22.07	21.72
		1	25	22.31	22.08	22.27
		1	49	22.13	22.07	22.37
		25	0	20.93	21.24	20.99
		25	13	21.07	21.12	21.07
		25	25	21.16	21.12	21.09
		50	0	21.03	21.05	21.00
	16QAM	1	0	21.62	20.86	21.25
		1	25	21.97	20.94	21.19
		1	49	21.70	20.83	21.29
		25	0	19.87	20.25	19.81
		25	13	19.92	20.19	19.99
		25	25	20.00	20.28	19.92
		50	0	19.84	20.05	19.94

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20025CH	20175CH	20325CH
				1717.5MHz	1732.5MHz	1747.5MHz
4 / 15MHz	QPSK	1	0	22.41	22.08	21.79
		1	38	22.35	21.90	22.00
		1	74	22.19	21.90	22.20
		36	0	21.10	21.06	20.84
		36	18	21.07	20.96	20.85
		36	39	21.00	20.99	20.97
		75	0	21.05	20.91	20.87
	16QAM	1	0	21.29	20.78	21.73
		1	38	21.41	20.73	21.47
		1	74	21.18	20.48	21.70
		36	0	19.90	20.08	19.91
		36	18	19.91	20.13	19.98
		36	39	19.76	20.14	20.15
		75	0	19.98	20.05	20.03

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20050CH	20175CH	20300CH
				1720MHz	1732.5MHz	1740MHz
4 / 20MHz	QPSK	1	0	21.57	21.86	21.80
		1	50	21.75	21.94	21.91
		1	99	21.59	21.93	22.18
		50	0	20.97	21.05	21.08
		50	25	20.94	20.95	20.90
		50	50	21.15	21.06	20.93
		100	0	20.95	21.07	20.88
	16QAM	1	0	20.86	21.06	21.08
		1	50	20.74	21.03	20.78
		1	99	20.80	20.70	20.99
		50	0	20.14	20.08	20.05
		50	25	20.05	20.09	20.06
		50	50	20.21	20.06	20.07
		100	0	20.09	20.20	20.07

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20775CH	21100CH	21425CH
				2502.5MHz	2535MHz	2567.5MHz
7 / 5MHz	QPSK	1	0	22.12	22.06	22.00
		1	13	22.10	22.06	21.92
		1	24	22.42	21.98	22.02
		12	0	21.56	21.33	21.16
		12	6	21.51	21.27	21.20
		12	11	21.48	21.27	21.14
		25	0	21.56	21.28	21.13
	16QAM	1	0	20.86	21.30	20.50
		1	13	20.92	21.19	20.83
		1	24	21.07	20.49	20.52
		12	0	20.45	20.15	19.81
		12	6	20.49	20.15	19.98
		12	11	20.32	20.20	20.02
		25	0	20.47	20.28	19.93

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20800CH	21100CH	21400CH
				2505MHz	2535MHz	2565MHz
7 / 10MHz	QPSK	1	0	22.89	22.43	22.26
		1	25	22.79	22.14	22.44
		1	49	22.51	22.21	22.06
		25	0	21.61	21.38	21.30
		25	13	21.49	21.33	21.15
		25	25	21.46	21.33	21.10
		50	0	21.59	21.30	21.26
	16QAM	1	0	21.94	21.11	21.34
		1	25	21.98	21.08	22.16
		1	49	21.82	20.23	21.01
		25	0	20.52	20.39	20.16
		25	13	20.44	20.39	20.20
		25	25	20.42	20.28	20.07
		50	0	20.56	20.16	20.06

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20825CH	21100CH	21375CH
				2507.5MHz	2535MHz	2562.5MHz
7 / 15MHz	QPSK	1	0	22.64	22.44	22.24
		1	38	22.69	21.98	22.29
		1	74	22.89	21.95	22.03
		36	0	21.38	21.25	21.21
		36	18	21.35	21.14	21.23
		36	39	21.57	21.12	21.07
		75	0	21.41	21.24	21.18
	16QAM	1	0	22.14	21.27	21.74
		1	38	21.63	20.04	21.99
		1	74	22.73	20.51	21.21
		36	0	20.34	20.22	20.20
		36	18	20.34	20.18	20.23
		36	39	20.40	20.08	20.00
		75	0	20.32	20.13	20.25

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20850CH	21100CH	21350CH
				2510MHz	2535MHz	2560MHz
7 / 20MHz	QPSK	1	0	21.98	22.36	22.17
		1	50	22.13	22.39	22.63
		1	99	22.24	21.94	21.94
		50	0	21.39	21.32	21.24
		50	25	21.51	21.20	21.22
		50	50	21.53	21.19	21.05
		100	0	21.41	21.32	21.19
	16QAM	1	0	21.58	21.43	20.80
		1	50	21.29	21.18	21.18
		1	99	21.37	20.53	20.75
		50	0	20.25	20.34	20.17
		50	25	20.56	20.05	20.06
		50	50	20.56	20.00	19.96
		100	0	20.30	20.23	20.07

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				23017CH	23095CH	23173CH
				699.7MHz	707.5MHz	715.3MHz
12 / 1.4MHz	QPSK	1	0	22.49	22.61	22.33
		1	2	22.51	22.71	22.57
		1	5	22.33	22.46	22.50
		3	0	22.45	22.74	22.60
		3	1	22.66	22.77	22.77
		3	2	22.43	22.67	22.57
		6	0	21.42	21.67	21.58
	16QAM	1	0	21.37	21.59	21.58
		1	2	21.05	21.56	21.93
		1	5	20.76	21.49	21.44
		3	0	21.42	21.95	21.58
		3	1	21.59	22.07	21.52
		3	2	21.32	21.97	21.37
		6	0	20.49	20.61	20.51

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				23025CH	23095CH	23165CH
				700.5MHz	707.5MHz	714.5MHz
12 / 3MHz	QPSK	1	0	22.47	22.72	22.91
		1	7	22.59	22.43	22.73
		1	14	22.40	22.60	22.63
		8	0	21.27	21.60	21.74
		8	4	21.37	21.57	21.70
		8	7	21.33	21.58	21.66
		15	0	21.25	21.63	21.65
	16QAM	1	0	21.89	21.66	22.11
		1	7	21.66	21.20	21.96
		1	14	22.23	21.54	21.66
		8	0	20.17	20.80	20.71
		8	4	20.20	20.70	20.62
		8	7	20.17	20.48	20.62
		15	0	20.34	20.66	20.39

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				23035CH	23095CH	23155CH
				701.5MHz	707.5MHz	713.5MHz
12 / 5MHz	QPSK	1	0	22.16	22.56	22.30
		1	13	22.15	22.04	22.64
		1	24	22.66	22.35	22.39
		12	0	21.29	21.76	21.65
		12	6	21.35	21.58	21.69
		12	11	21.50	21.60	21.67
		25	0	21.49	21.69	21.65
	16QAM	1	0	21.36	21.87	21.51
		1	13	21.39	21.10	21.97
		1	24	21.36	21.47	21.89
		12	0	20.22	20.56	20.41
		12	6	20.25	20.34	20.60
		12	11	20.31	20.42	20.58
		25	0	20.59	20.65	20.63

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				23060CH	23095CH	23130CH
				704MHz	707.5MHz	711MHz
12 / 10MHz	QPSK	1	0	22.34	22.47	22.46
		1	25	22.89	22.53	22.65
		1	49	22.68	22.78	22.74
		25	0	21.43	21.67	21.58
		25	13	21.62	21.62	21.67
		25	25	21.74	21.65	21.66
		50	0	21.64	21.67	21.60
	16QAM	1	0	21.65	21.39	21.37
		1	25	22.12	21.00	22.21
		1	49	22.08	21.29	21.54
		25	0	20.50	20.55	20.50
		25	13	20.62	20.54	20.64
		25	25	20.73	20.54	20.69
		50	0	20.55	20.50	20.49

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				23755CH	23790CH	23825CH
				706.5MHz	710MHz	713.5MHz
17 / 5MHz	QPSK	1	0	23.23	22.53	22.60
		1	13	22.45	22.80	22.78
		1	24	22.41	22.90	22.33
		12	0	22.01	21.77	21.91
		12	6	21.89	21.74	21.92
		12	11	21.86	21.90	21.82
		25	0	21.88	21.90	21.89
	16QAM	1	0	22.19	21.72	21.63
		1	13	21.23	21.61	21.80
		1	24	21.41	22.16	21.19
		12	0	20.93	20.57	20.71
		12	6	20.88	20.77	20.83
		12	11	20.84	20.76	20.68
		25	0	20.81	20.82	20.89

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				23780CH	23790CH	23800CH
				709MHz	710MHz	711MHz
17 / 10MHz	QPSK	1	0	23.11	22.93	22.68
		1	25	22.75	22.88	23.19
		1	49	23.35	22.71	22.86
		25	0	22.02	21.86	21.79
		25	13	21.91	21.85	22.06
		25	25	22.09	21.98	21.96
		50	0	22.13	21.96	21.77
	16QAM	1	0	22.24	21.71	21.79
		1	25	22.27	21.66	21.69
		1	49	22.23	21.78	22.04
		25	0	20.87	20.76	20.97
		25	13	20.81	20.77	20.91
		25	25	20.94	20.86	21.07
		50	0	20.71	20.69	20.60

LTE Band / BW	Modulation	RB Siset	RB Offset	Low CH	Mid CH	High CH
				37775CH	38000CH	38225CH
				2572.5MHz	2595MHz	2617.5MHz
38 / 5MHz	QPSK	1	0	21.33	21.58	21.18
		1	13	21.58	21.75	21.26
		1	24	21.29	21.63	20.96
		12	0	20.73	20.77	20.46
		12	6	20.84	20.82	20.44
		12	11	20.77	20.77	20.42
		25	0	20.81	20.84	20.46
	16QAM	1	0	20.13	20.13	20.07
		1	13	20.43	20.47	19.98
		1	24	20.17	20.52	19.73
		12	0	19.60	19.45	19.49
		12	6	19.90	19.72	19.50
		12	11	19.59	19.87	19.36
		25	0	19.51	19.70	19.25

LTE Band / BW	Modulation	RB Siset	RB Offset	Low CH	Mid CH	High CH
				37800CH	38000CH	38200CH
				2575MHz	2595MHz	2615MHz
38 / 10MHz	QPSK	1	0	21.64	21.42	21.38
		1	25	21.78	21.59	21.61
		1	49	21.64	21.66	21.41
		25	0	20.72	20.69	20.44
		25	13	20.75	20.79	20.63
		25	25	20.73	20.76	20.45
		50	0	20.76	20.66	20.40
	16QAM	1	0	21.11	19.78	20.71
		1	25	21.38	20.27	21.25
		1	49	21.10	20.28	20.91
		25	0	19.79	19.61	19.26
		25	13	19.81	19.62	19.43
		25	25	19.76	19.58	19.38
		50	0	19.54	19.66	19.33

LTE Band / BW	Modulation	RB Siset	RB Offset	Low CH	Mid CH	High CH
				37825CH	38000CH	38175CH
				2577.5MHz	2595MHz	2612.5MHz
38 / 15MHz	QPSK	1	0	21.52	21.42	21.48
		1	38	21.65	21.54	21.31
		1	74	21.60	21.56	21.21
		36	0	20.82	20.62	20.41
		36	18	20.86	20.75	20.44
		36	39	20.73	20.80	20.36
		75	0	20.60	20.72	20.49
	16QAM	1	0	21.33	19.93	20.36
		1	38	21.24	20.29	20.54
		1	74	21.36	20.01	20.07
		36	0	19.66	19.74	19.39
		36	18	19.63	19.73	19.17
		36	39	19.64	19.75	19.44
		75	0	19.88	19.68	19.38

LTE Band / BW	Modulation	RB Siset	RB Offset	Low CH	Mid CH	High CH
				37850CH	38000CH	38150CH
				2580MHz	2595MHz	2610MHz
38 / 20MHz	QPSK	1	0	21.28	21.53	21.57
		1	50	21.67	21.91	21.58
		1	99	21.37	21.61	21.48
		50	0	20.79	20.69	20.59
		50	25	20.75	20.88	20.44
		50	50	20.80	20.70	20.25
		100	0	20.81	20.74	20.54
	16QAM	1	0	20.14	19.42	20.87
		1	50	20.64	19.95	20.69
		1	99	20.15	19.79	20.09
		50	0	19.72	19.59	19.42
		50	25	19.76	19.70	19.30
		50	50	19.70	19.66	19.30
		100	0	19.64	19.64	19.49

LTE Band / BW	Modulation	RB Siset	RB Offset	Low CH	Mid CH	High CH
				131979CH	132322CH	132665CH
				1710.7MHz	1745MHz	1779.3MHz
66 / 1.4MHz	QPSK	1	0	22.23	21.86	22.24
		1	2	22.26	21.91	22.55
		1	5	22.23	21.85	22.43
		3	0	22.31	22.02	22.36
		3	1	22.35	22.14	22.47
		3	2	22.46	22.08	22.41
		6	0	21.34	21.20	21.44
	16QAM	1	0	21.73	21.26	21.49
		1	2	22.09	21.34	21.60
		1	5	21.68	21.11	21.30
		3	0	21.59	20.91	21.36
		3	1	21.44	20.78	21.22
		3	2	21.75	20.88	21.14
		6	0	20.48	19.83	20.56

LTE Band / BW	Modulation	RB Siset	RB Offset	Low CH	Mid CH	High CH
				131987CH	132322CH	132657CH
				1711.5MHz	1745MHz	1778.5MHz
66 / 3MHz	QPSK	1	0	22.51	22.08	22.63
		1	7	22.54	21.84	22.76
		1	14	22.71	21.92	22.34
		8	0	21.40	21.05	21.35
		8	4	21.47	21.07	21.47
		8	7	21.41	21.04	21.46
		15	0	21.34	21.03	21.49
	16QAM	1	0	21.45	21.24	21.12
		1	7	21.66	21.09	21.37
		1	14	21.56	21.27	21.54
		8	0	20.37	20.15	20.25
		8	4	20.23	20.20	20.32
		8	7	20.19	20.25	20.27
		15	0	20.37	20.19	20.21

LTE Band / BW	Modulation	RB Siset	RB Offset	Low CH	Mid CH	High CH
				131997CH	132322CH	132647CH
				1712.5MHz	1745MHz	1777.5MHz
66 / 5MHz	QPSK	1	0	22.11	21.90	22.18
		1	13	22.29	21.98	22.04
		1	24	22.31	22.10	22.12
		12	0	21.42	21.06	21.44
		12	6	21.42	21.15	21.49
		12	11	21.50	21.14	21.43
		25	0	21.41	21.07	21.49
	16QAM	1	0	21.31	21.25	21.36
		1	13	21.35	21.07	21.16
		1	24	21.38	21.20	20.91
		12	0	20.38	19.99	20.42
		12	6	20.37	20.02	20.56
		12	11	20.27	20.21	20.49
		25	0	20.54	20.13	20.64

LTE Band / BW	Modulation	RB Siset	RB Offset	Low CH	Mid CH	High CH
				132022CH	132322CH	132622CH
				1715MHz	1745MHz	1775MHz
66 / 10MHz	QPSK	1	0	22.21	22.66	22.33
		1	25	22.64	22.38	22.40
		1	49	22.53	22.46	22.32
		25	0	21.38	21.23	21.48
		25	13	21.51	21.14	21.46
		25	25	21.47	21.19	21.45
		50	0	21.43	21.13	21.46
	16QAM	1	0	21.56	21.44	21.19
		1	25	21.58	20.92	21.16
		1	49	21.42	20.82	21.18
		25	0	20.36	20.41	20.55
		25	13	20.39	20.22	20.41
		25	25	20.44	20.22	20.51
		50	0	20.41	20.12	20.55

LTE Band / BW	Modulation	RB Siset	RB Offset	Low CH	Mid CH	High CH
				132047CH	132322CH	132597CH
				1717.5MHz	1745MHz	1772.5MHz
66 / 15MHz	QPSK	1	0	22.85	22.23	22.24
		1	38	22.95	22.15	22.30
		1	74	22.56	22.34	22.34
		36	0	21.46	21.44	21.50
		36	18	21.40	21.23	21.36
		36	39	21.51	21.28	21.50
		75	0	21.51	21.29	21.47
	16QAM	1	0	21.47	21.22	22.25
		1	38	21.41	21.22	21.73
		1	74	21.08	21.42	21.70
		36	0	20.42	20.32	20.20
		36	18	20.38	20.34	20.21
		36	39	20.40	20.37	20.25
		75	0	20.40	20.27	20.46

LTE Band / BW	Modulation	RB Siset	RB Offset	Low CH	Mid CH	High CH
				132072CH	132322CH	132572CH
				1720MHz	1745MHz	1770MHz
66 / 20MHz	QPSK	1	0	22.38	22.42	22.29
		1	50	22.36	22.60	22.44
		1	99	21.81	22.53	22.12
		50	0	21.34	21.39	21.49
		50	25	21.29	21.26	21.44
		50	50	21.38	21.30	21.52
		100	0	21.51	21.28	21.49
	16QAM	1	0	21.31	21.18	21.68
		1	50	21.84	21.11	21.56
		1	99	21.09	21.27	21.00
		50	0	20.44	20.20	20.35
		50	25	20.36	20.37	20.38
		50	50	20.27	20.41	20.26
		100	0	20.38	20.16	20.41

Note: The Output Power test results refer to Report No.: BTL-FCCP-3-2111C171.

EIRP (dBm):

Modulation	Band	WCDMA Band IV		
	Tx Channel	1312CH	1413CH	1513CH
	Frequency	1712.4MHz	1732.6MHz	1752.6MHz
QPSK	RMC 12.2K	27.24	26.86	27.10
	RMC 64K	27.22	26.83	27.08
	RMC 144K	27.22	26.83	27.07
	RMC 384K	27.22	26.82	27.18
	HSDPA Subtest-1	25.99	25.68	25.88
	HSDPA Subtest-2	25.98	25.79	25.90
	HSDPA Subtest-3	25.46	25.29	25.41
	HSDPA Subtest-4	25.44	25.22	25.41
	HSUPA Subtest-1	25.15	25.76	25.60
	HSUPA Subtest-2	24.62	24.27	24.68
	HSUPA Subtest-3	24.82	23.88	24.86
	HSUPA Subtest-4	24.67	25.06	24.91
	HSUPA Subtest-5	25.94	25.71	25.86

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				19957CH	20175CH	20393CH
				1710.7MHz	1732.5MHz	1754.3MHz
4 / 1.4MHz	QPSK	1	0	25.55	25.67	25.49
		1	2	25.58	25.67	25.67
		1	5	25.48	25.53	25.60
		3	0	25.52	25.72	25.61
		3	1	25.53	25.72	25.59
		3	2	25.56	25.67	25.64
		6	0	24.64	24.70	24.70
	16QAM	1	0	24.58	24.56	24.76
		1	2	24.96	24.00	24.62
		1	5	24.49	24.43	24.52
		3	0	24.71	24.35	24.23
		3	1	24.47	24.24	24.29
		3	2	24.57	24.58	24.29
		6	0	23.16	23.48	23.71

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				19965CH	20175CH	20385CH
				1711.5MHz	1732.5MHz	1753.5MHz
4 / 3MHz	QPSK	1	0	25.74	25.50	25.50
		1	7	25.79	25.51	25.80
		1	14	25.56	25.58	25.75
		8	0	24.56	24.75	24.62
		8	4	24.57	24.64	24.63
		8	7	24.54	24.69	24.63
		15	0	24.45	24.76	24.59
	16QAM	1	0	24.95	24.38	24.95
		1	7	24.97	24.53	24.56
		1	14	25.04	24.46	25.01
		8	0	23.31	23.63	23.76
		8	4	23.34	23.68	23.79
		8	7	23.26	23.55	23.80
		15	0	23.44	23.58	23.73

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				19975CH	20175CH	20375CH
				1712.5MHz	1732.5MHz	1752.5MHz
4 / 5MHz	QPSK	1	0	25.53	25.30	25.33
		1	13	25.34	25.14	25.52
		1	24	25.47	25.36	25.68
		12	0	24.56	24.68	24.67
		12	6	24.47	24.61	24.60
		12	11	24.52	24.67	24.81
		25	0	24.56	24.72	24.69
	16QAM	1	0	24.50	24.29	24.33
		1	13	24.30	24.13	23.82
		1	24	24.45	24.19	24.45
		12	0	23.56	23.44	23.37
		12	6	23.47	23.41	23.65
		12	11	23.53	23.38	23.79
		25	0	23.68	23.80	23.65

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20000CH	20175CH	20350CH
				1715MHz	1732.5MHz	1750MHz
4 / 10MHz	QPSK	1	0	25.63	25.67	25.32
		1	25	25.91	25.68	25.87
		1	49	25.73	25.67	25.97
		25	0	24.53	24.84	24.59
		25	13	24.67	24.72	24.67
		25	25	24.76	24.72	24.69
		50	0	24.63	24.65	24.60
	16QAM	1	0	25.22	24.46	24.85
		1	25	25.57	24.54	24.79
		1	49	25.30	24.43	24.89
		25	0	23.47	23.85	23.41
		25	13	23.52	23.79	23.59
		25	25	23.60	23.88	23.52
		50	0	23.44	23.65	23.54

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20025CH	20175CH	20325CH
				1717.5MHz	1732.5MHz	1747.5MHz
4 / 15MHz	QPSK	1	0	26.01	25.68	25.39
		1	38	25.95	25.50	25.60
		1	74	25.79	25.50	25.80
		36	0	24.70	24.66	24.44
		36	18	24.67	24.56	24.45
		36	39	24.60	24.59	24.57
		75	0	24.65	24.51	24.47
	16QAM	1	0	24.89	24.38	25.33
		1	38	25.01	24.33	25.07
		1	74	24.78	24.08	25.30
		36	0	23.50	23.68	23.51
		36	18	23.51	23.73	23.58
		36	39	23.36	23.74	23.75
		75	0	23.58	23.65	23.63

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20050CH	20175CH	20300CH
				1720MHz	1732.5MHz	1740MHz
4 / 20MHz	QPSK	1	0	25.17	25.46	25.40
		1	50	25.35	25.54	25.51
		1	99	25.19	25.53	25.78
		50	0	24.57	24.65	24.68
		50	25	24.54	24.55	24.50
		50	50	24.75	24.66	24.53
		100	0	24.55	24.67	24.48
	16QAM	1	0	24.46	24.66	24.68
		1	50	24.34	24.63	24.38
		1	99	24.40	24.30	24.59
		50	0	23.74	23.68	23.65
		50	25	23.65	23.69	23.66
		50	50	23.81	23.66	23.67
		100	0	23.69	23.80	23.67

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20775CH	21100CH	21425CH
				2502.5MHz	2535MHz	2567.5MHz
7 / 5MHz	QPSK	1	0	26.83	26.77	26.71
		1	13	26.81	26.77	26.63
		1	24	27.13	26.69	26.73
		12	0	26.27	26.04	25.87
		12	6	26.22	25.98	25.91
		12	11	26.19	25.98	25.85
		25	0	26.27	25.99	25.84
	16QAM	1	0	25.57	26.01	25.21
		1	13	25.63	25.90	25.54
		1	24	25.78	25.20	25.23
		12	0	25.16	24.86	24.52
		12	6	25.20	24.86	24.69
		12	11	25.03	24.91	24.73
		25	0	25.18	24.99	24.64

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20800CH	21100CH	21400CH
				2505MHz	2535MHz	2565MHz
7 / 10MHz	QPSK	1	0	27.60	27.14	26.97
		1	25	27.50	26.85	27.15
		1	49	27.22	26.92	26.77
		25	0	26.32	26.09	26.01
		25	13	26.20	26.04	25.86
		25	25	26.17	26.04	25.81
		50	0	26.30	26.01	25.97
	16QAM	1	0	26.65	25.82	26.05
		1	25	26.69	25.79	26.87
		1	49	26.53	24.94	25.72
		25	0	25.23	25.10	24.87
		25	13	25.15	25.10	24.91
		25	25	25.13	24.99	24.78
		50	0	25.27	24.87	24.77

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20825CH	21100CH	21375CH
				2507.5MHz	2535MHz	2562.5MHz
7 / 15MHz	QPSK	1	0	27.35	27.15	26.95
		1	38	27.40	26.69	27.00
		1	74	27.60	26.66	26.74
		36	0	26.09	25.96	25.92
		36	18	26.06	25.85	25.94
		36	39	26.28	25.83	25.78
		75	0	26.12	25.95	25.89
	16QAM	1	0	26.85	25.98	26.45
		1	38	26.34	24.75	26.70
		1	74	27.44	25.22	25.92
		36	0	25.05	24.93	24.91
		36	18	25.05	24.89	24.94
		36	39	25.11	24.79	24.71
		75	0	25.03	24.84	24.96

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20850CH	21100CH	21350CH
				2510MHz	2535MHz	2560MHz
7 / 20MHz	QPSK	1	0	26.69	27.07	26.88
		1	50	26.84	27.10	27.34
		1	99	26.95	26.65	26.65
		50	0	26.10	26.03	25.95
		50	25	26.22	25.91	25.93
		50	50	26.24	25.90	25.76
		100	0	26.12	26.03	25.90
	16QAM	1	0	26.29	26.14	25.51
		1	50	26.00	25.89	25.89
		1	99	26.08	25.24	25.46
		50	0	24.96	25.05	24.88
		50	25	25.27	24.76	24.77
		50	50	25.27	24.71	24.67
		100	0	25.01	24.94	24.78

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				37775CH	38000CH	38225CH
				2572.5MHz	2595MHz	2617.5MHz
38 / 5MHz	QPSK	1	0	26.04	26.29	25.89
		1	13	26.29	26.46	25.97
		1	24	26.00	26.34	25.67
		12	0	25.44	25.48	25.17
		12	6	25.55	25.53	25.15
		12	11	25.48	25.48	25.13
		25	0	25.52	25.55	25.17
	16QAM	1	0	24.84	24.84	24.78
		1	13	25.14	25.18	24.69
		1	24	24.88	25.23	24.44
		12	0	24.31	24.16	24.20
		12	6	24.61	24.43	24.21
		12	11	24.30	24.58	24.07
		25	0	24.22	24.41	23.96

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				37800CH	38000CH	38200CH
				2575MHz	2595MHz	2615MHz
38 / 10MHz	QPSK	1	0	26.35	26.13	26.09
		1	25	26.49	26.30	26.32
		1	49	26.35	26.37	26.12
		25	0	25.43	25.40	25.15
		25	13	25.46	25.50	25.34
		25	25	25.44	25.47	25.16
		50	0	25.47	25.37	25.11
	16QAM	1	0	25.82	24.49	25.42
		1	25	26.09	24.98	25.96
		1	49	25.81	24.99	25.62
		25	0	24.50	24.32	23.97
		25	13	24.52	24.33	24.14
		25	25	24.47	24.29	24.09
		50	0	24.25	24.37	24.04

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				37825CH	38000CH	38175CH
				2577.5MHz	2595MHz	2612.5MHz
38 / 15MHz	QPSK	1	0	26.23	26.13	26.19
		1	38	26.36	26.25	26.02
		1	74	26.31	26.27	25.92
		36	0	25.53	25.33	25.12
		36	18	25.57	25.46	25.15
		36	39	25.44	25.51	25.07
		75	0	25.31	25.43	25.20
	16QAM	1	0	26.04	24.64	25.07
		1	38	25.95	25.00	25.25
		1	74	26.07	24.72	24.78
		36	0	24.37	24.45	24.10
		36	18	24.34	24.44	23.88
		36	39	24.35	24.46	24.15
		75	0	24.59	24.39	24.09

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				37850CH	38000CH	38150CH
				2580MHz	2595MHz	2610MHz
38 / 20MHz	QPSK	1	0	25.99	26.24	26.28
		1	50	26.38	26.62	26.29
		1	99	26.08	26.32	26.19
		50	0	25.50	25.40	25.30
		50	25	25.46	25.59	25.15
		50	50	25.51	25.41	24.96
		100	0	25.52	25.45	25.25
	16QAM	1	0	24.85	24.13	25.58
		1	50	25.35	24.66	25.40
		1	99	24.86	24.50	24.80
		50	0	24.43	24.30	24.13
		50	25	24.47	24.41	24.01
		50	50	24.41	24.37	24.01
		100	0	24.35	24.35	24.20

LTE Band / BW	Modulation	RB Siset	RB Offset	Low CH	Mid CH	High CH
				131979CH	132322CH	132665CH
				1710.7MHz	1745MHz	1779.3MHz
66 / 1.4MHz	QPSK	1	0	26.19	25.82	26.20
		1	2	26.22	25.87	26.51
		1	5	26.19	25.81	26.39
		3	0	26.27	25.98	26.32
		3	1	26.31	26.10	26.43
		3	2	26.42	26.04	26.37
		6	0	25.30	25.16	25.40
	16QAM	1	0	25.69	25.22	25.45
		1	2	26.05	25.30	25.56
		1	5	25.64	25.07	25.26
		3	0	25.55	24.87	25.32
		3	1	25.40	24.74	25.18
		3	2	25.71	24.84	25.10
		6	0	24.44	23.79	24.52

LTE Band / BW	Modulation	RB Siset	RB Offset	Low CH	Mid CH	High CH
				131987CH	132322CH	132657CH
				1711.5MHz	1745MHz	1778.5MHz
66 / 3MHz	QPSK	1	0	26.47	26.04	26.59
		1	7	26.50	25.80	26.72
		1	14	26.67	25.88	26.30
		8	0	25.36	25.01	25.31
		8	4	25.43	25.03	25.43
		8	7	25.37	25.00	25.42
		15	0	25.30	24.99	25.45
	16QAM	1	0	25.41	25.20	25.08
		1	7	25.62	25.05	25.33
		1	14	25.52	25.23	25.50
		8	0	24.33	24.11	24.21
		8	4	24.19	24.16	24.28
		8	7	24.15	24.21	24.23
		15	0	24.33	24.15	24.17

LTE Band / BW	Modulation	RB Siset	RB Offset	Low CH	Mid CH	High CH
				131997CH	132322CH	132647CH
				1712.5MHz	1745MHz	1777.5MHz
66 / 5MHz	QPSK	1	0	26.07	25.86	26.14
		1	13	26.25	25.94	26.00
		1	24	26.27	26.06	26.08
		12	0	25.38	25.02	25.40
		12	6	25.38	25.11	25.45
		12	11	25.46	25.10	25.39
		25	0	25.37	25.03	25.45
	16QAM	1	0	25.27	25.21	25.32
		1	13	25.31	25.03	25.12
		1	24	25.34	25.16	24.87
		12	0	24.34	23.95	24.38
		12	6	24.33	23.98	24.52
		12	11	24.23	24.17	24.45
		25	0	24.50	24.09	24.60

LTE Band / BW	Modulation	RB Siset	RB Offset	Low CH	Mid CH	High CH
				132022CH	132322CH	132622CH
				1715MHz	1745MHz	1775MHz
66 / 10MHz	QPSK	1	0	26.17	26.62	26.29
		1	25	26.60	26.34	26.36
		1	49	26.49	26.42	26.28
		25	0	25.34	25.19	25.44
		25	13	25.47	25.10	25.42
		25	25	25.43	25.15	25.41
		50	0	25.39	25.09	25.42
	16QAM	1	0	25.52	25.40	25.15
		1	25	25.54	24.88	25.12
		1	49	25.38	24.78	25.14
		25	0	24.32	24.37	24.51
		25	13	24.35	24.18	24.37
		25	25	24.40	24.18	24.47
		50	0	24.37	24.08	24.51

LTE Band / BW	Modulation	RB Siset	RB Offset	Low CH	Mid CH	High CH
				132047CH	132322CH	132597CH
				1717.5MHz	1745MHz	1772.5MHz
66 / 15MHz	QPSK	1	0	26.81	26.19	26.20
		1	38	26.91	26.11	26.26
		1	74	26.52	26.30	26.30
		36	0	25.42	25.40	25.46
		36	18	25.36	25.19	25.32
		36	39	25.47	25.24	25.46
		75	0	25.47	25.25	25.43
	16QAM	1	0	25.43	25.18	26.21
		1	38	25.37	25.18	25.69
		1	74	25.04	25.38	25.66
		36	0	24.38	24.28	24.16
		36	18	24.34	24.30	24.17
		36	39	24.36	24.33	24.21
		75	0	24.36	24.23	24.42

LTE Band / BW	Modulation	RB Siset	RB Offset	Low CH	Mid CH	High CH
				132072CH	132322CH	132572CH
				1720MHz	1745MHz	1770MHz
66 / 20MHz	QPSK	1	0	26.34	26.38	26.25
		1	50	26.32	26.56	26.40
		1	99	25.77	26.49	26.08
		50	0	25.30	25.35	25.45
		50	25	25.25	25.22	25.40
		50	50	25.34	25.26	25.48
		100	0	25.47	25.24	25.45
	16QAM	1	0	25.27	25.14	25.64
		1	50	25.80	25.07	25.52
		1	99	25.05	25.23	24.96
		50	0	24.40	24.16	24.31
		50	25	24.32	24.33	24.34
		50	50	24.23	24.37	24.22
		100	0	24.34	24.12	24.37

ERP (dBm):

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				23017CH	23095CH	23173CH
				699.7MHz	707.5MHz	715.3MHz
12 / 1.4MHz	QPSK	1	0	25.44	25.56	25.28
		1	2	25.46	25.66	25.52
		1	5	25.28	25.41	25.45
		3	0	25.40	25.69	25.55
		3	1	25.61	25.72	25.72
		3	2	25.38	25.62	25.52
		6	0	24.37	24.62	24.53
	16QAM	1	0	24.32	24.54	24.53
		1	2	24.00	24.51	24.88
		1	5	23.71	24.44	24.39
		3	0	24.37	24.90	24.53
		3	1	24.54	25.02	24.47
		3	2	24.27	24.92	24.32
		6	0	23.44	23.56	23.46

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				23025CH	23095CH	23165CH
				700.5MHz	707.5MHz	714.5MHz
12 / 3MHz	QPSK	1	0	25.42	25.67	25.86
		1	7	25.54	25.38	25.68
		1	14	25.35	25.55	25.58
		8	0	24.22	24.55	24.69
		8	4	24.32	24.52	24.65
		8	7	24.28	24.53	24.61
		15	0	24.20	24.58	24.60
	16QAM	1	0	24.84	24.61	25.06
		1	7	24.61	24.15	24.91
		1	14	25.18	24.49	24.61
		8	0	23.12	23.75	23.66
		8	4	23.15	23.65	23.57
		8	7	23.12	23.43	23.57
		15	0	23.29	23.61	23.34

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				23035CH	23095CH	23155CH
				701.5MHz	707.5MHz	713.5MHz
12 / 5MHz	QPSK	1	0	25.11	25.51	25.25
		1	13	25.10	24.99	25.59
		1	24	25.61	25.30	25.34
		12	0	24.24	24.71	24.60
		12	6	24.30	24.53	24.64
		12	11	24.45	24.55	24.62
		25	0	24.44	24.64	24.60
	16QAM	1	0	24.31	24.82	24.46
		1	13	24.34	24.05	24.92
		1	24	24.31	24.42	24.84
		12	0	23.17	23.51	23.36
		12	6	23.20	23.29	23.55
		12	11	23.26	23.37	23.53
		25	0	23.54	23.60	23.58

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				23060CH	23095CH	23130CH
				704MHz	707.5MHz	711MHz
12 / 10MHz	QPSK	1	0	25.29	25.42	25.41
		1	25	25.84	25.48	25.60
		1	49	25.63	25.73	25.69
		25	0	24.38	24.62	24.53
		25	13	24.57	24.57	24.62
		25	25	24.69	24.60	24.61
		50	0	24.59	24.62	24.55
	16QAM	1	0	24.60	24.34	24.32
		1	25	25.07	23.95	25.16
		1	49	25.03	24.24	24.49
		25	0	23.45	23.50	23.45
		25	13	23.57	23.49	23.59
		25	25	23.68	23.49	23.64
		50	0	23.50	23.45	23.44

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				23755CH	23790CH	23825CH
				706.5MHz	710MHz	713.5MHz
17 / 5MHz	QPSK	1	0	26.18	25.48	25.55
		1	13	25.40	25.75	25.73
		1	24	25.36	25.85	25.28
		12	0	24.96	24.72	24.86
		12	6	24.84	24.69	24.87
		12	11	24.81	24.85	24.77
		25	0	24.83	24.85	24.84
	16QAM	1	0	25.14	24.67	24.58
		1	13	24.18	24.56	24.75
		1	24	24.36	25.11	24.14
		12	0	23.88	23.52	23.66
		12	6	23.83	23.72	23.78
		12	11	23.79	23.71	23.63
		25	0	23.76	23.77	23.84

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				23780CH	23790CH	23800CH
				709MHz	710MHz	711MHz
17 / 10MHz	QPSK	1	0	26.06	25.88	25.63
		1	25	25.70	25.83	26.14
		1	49	26.30	25.66	25.81
		25	0	24.97	24.81	24.74
		25	13	24.86	24.80	25.01
		25	25	25.04	24.93	24.91
		50	0	25.08	24.91	24.72
	16QAM	1	0	25.19	24.66	24.74
		1	25	25.22	24.61	24.64
		1	49	25.18	24.73	24.99
		25	0	23.82	23.71	23.92
		25	13	23.76	23.72	23.86
		25	25	23.89	23.81	24.02
		50	0	23.66	23.64	23.55

End of Test Report