

TEST REPORT

CERTIFICATE OF CONFORMITY

Standard: 47 CFR FCC Part 22
47 CFR FCC Part 24
47 CFR FCC Part 27
47 CFR FCC Part 90
47 CFR FCC Part 2

Report No.: RFCDVB-WTW-P25100255

FCC ID: QYLEM7595G14

Product: Radio Module

Brand: Getac

Model No.: EM7595G14

Received Date: 2025/10/13

Test Date: 2025/11/13 ~ 2025/11/27

Issued Date: 2025/12/17

Applicant: Getac Technology Corporation.

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FCC Registration / 788550 / TW0003

Designation Number:

Approved by:

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2025/12/17

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Prepared by : Vera Huang / Specialist



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Release Control Record

Issue No.	Description	Date Issued
RFCDVB-WTW-P25100255	Original Release	2025/12/17

1 Certificate

Product: Radio Module

Brand: Getac

Test Model: EM7595G14

Sample Status: Engineering sample

Applicant: Getac Technology Corporation.

Test Date: 2025/11/13 ~ 2025/11/27

Standard: 47 CFR FCC Part 22
47 CFR FCC Part 24
47 CFR FCC Part 27
47 CFR FCC Part 90
47 CFR FCC Part 2

Measurement procedure: ANSI/TIA/EIA-603-E 2016
ANSI C63.26-2015
KDB 971168 D01 Power Meas License Digital Systems v03r01
KDB 971168 D02 Misc Rev Approv License Devices v02r02

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

2 Summary of Test Results

Standard / Clause	Test Item	Result	Remark
Part 2.1046 Part 22.913 (a) Part 24.232 (c) Part 27.50(d) Part 27.50(h) Part 27.1507 Part 27.50(c) Part 27.50(b) Part 90.635(b) Part 90.542(a)(7)	Effective Radiated Power and Equivalent Isotropically Radiated Power	Pass	Meet the requirement of limit.
Part 2.1047	Modulation Characteristics	N/A	Refer to Note
Part 22.913 (d) Part 24.232 (d) Part 27.50(d) Part 27.1507(d)	Peak to Average Ratio	N/A	Refer to Note
Part 2.1049	Bandwidth	N/A	Refer to Note
Part 2.1051 Part 22.917 Part 24.238 Part 27.53(h) Part 27.53(m) Part 27.1509(a)(c) Part 27.53(g) Part 27.53(c)(f) Part 90.691 Part 90.543(e)(f)	Conducted Spurious Emissions	N/A	Refer to Note
Part 2.1053 Part 22.917 Part 24.238 Part 27.53(h) Part 27.53(m) Part 27.1509(a) Part 27.53(g) Part 27.53(c)(f) Part 90.691 Part 90.543(e)(f)	Radiated Spurious Emissions below 1GHz	Pass	Minimum passing margin is -7.18 dB at 37.76 MHz
Part 2.1053 Part 22.917 Part 24.238 Part 27.53(h) Part 27.53(m) Part 27.1509(a) Part 27.53(g) Part 27.53(c)(f) Part 90.691 Part 90.543(e)(f)	Radiated Spurious Emissions above 1GHz	Pass	Minimum passing margin is -14.83 dB at 1586.00 MHz

Standard / Clause	Test Item	Result	Remark
Part 2.1055 Part 22.355 Part 24.235 Part 27.54 Part 90.213 Part 90.539(e)	Frequency Stability	N/A	Refer to Note

Note:

1. Only test item of Effective Radiated Power and Equivalent Isotropically Radiated Power and Radiated Spurious Emissions were performed for this report. Other testing data please refer to WWAN module (FCC ID: N7NEM75Y, based on Reference FCC ID: N7NEM75T) certified report.
2. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2.1 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Parameter	Specification	Uncertainty (±)
Effective Radiated Power and Equivalent Isotropically Radiated Power	-	1.371 dB
Radiated Spurious Emissions below 1GHz	9 kHz ~ 30 MHz	3.59 dB
	30 MHz ~ 1 GHz	3.6 dB
Radiated Spurious Emissions above 1GHz	1 GHz ~ 18 GHz	2.29 dB
	18 GHz ~ 40 GHz	2.29 dB

The other instruments specified are routine verified to remain within the calibrated levels, no measurement uncertainty is required to be calculated.

2.2 Supplementary Information

There is not any deviation from the test standards for the test method, and no modifications required for compliance.

3 General Information

3.1 General Description of EUT

Product	Radio Module
Brand	Getac
Test Model	EM7595G14
Status of EUT	Engineering sample
Power Supply Rating	3.3Vdc from host equipment
Modulation Type	WCDMA: RMC 12.2K, HSDPA, HSUPA LTE: QPSK, 16QAM, 64QAM
Support Bands	WCDMA: B2, B4, B5 LTE: B2, B4, B5, B7, B12, B13, B14, B25, B26, B41, B66, B71, B106
LTE bands support CA mode	5B, 7C, 41C

Note:

1. The EUT is authorized for use in specific End-product.

Product	Brand	Model	Difference
Tablet	Getac	G140	Marketing purpose
		G140Y (Y= 10 Characters, Y can be 0 to 9, A to Z, a to z, "/", "\", "-", "_" or blank for marketing purpose)	

2. The End-product uses following accessories.

Item	Brand	Model	Specification
Battery 1	Getac	BP2S1P4070P	Power Rating : 7.74Vdc, 3800mAh, 29.42Wh 4070mAh, 31.51Wh
Battery 2	Getac	BP3S1P4070P	Power Rating : 11.61Vdc, 3800mAh, 44.12Wh 4070mAh, 47.26Wh
AC Adapter 1	FSP	FSP065-RBBN3	AC Input : 100-240Vac, 50-60Hz, 1.5A DC Output : 19.0Vdc, 3.42A, 65.0W DC Output Cable : 1.45M / 1core
AC Adapter 2 (Optional)	Getac	MTA190474W4	AC Input : 100-240Vac, 50-60Hz, 1.6A DC Output : 19.0Vdc, 4.74A, 90.0W
Digitizer Pen	EMRight	GT-090S	-

3. EUT Overview

WCDMA Band 2

TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
1852.4 ~ 1907.6	RMC 12.2K	0.275	24.40
	HSDPA	0.232	23.65
	HSUPA	0.264	24.22

WCDMA Band 4

TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
1712.4 ~ 1752.6	RMC 12.2K	0.340	25.31
	HSDPA	0.269	24.29
	HSUPA	0.297	24.73

WCDMA Band 5

TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)
826.4 ~ 846.6	RMC 12.2K	0.153	21.85
	HSDPA	0.136	21.33
	HSUPA	0.134	21.27

LTE Band 2

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
1.4 MHz	1850.7 ~ 1909.3	QPSK	0.222	23.47
		16QAM	0.174	22.41
		64QAM	0.138	21.4
3 MHz	1851.5 ~ 1908.5	QPSK	0.223	23.48
		16QAM	0.177	22.48
		64QAM	0.14	21.46
5 MHz	1852.5 ~ 1907.5	QPSK	0.223	23.48
		16QAM	0.177	22.47
		64QAM	0.141	21.48
10 MHz	1855 ~ 1905	QPSK	0.222	23.46
		16QAM	0.178	22.50
		64QAM	0.14	21.45
15 MHz	1857.5 ~ 1902.5	QPSK	0.223	23.49
		16QAM	0.177	22.48
		64QAM	0.14	21.46
20 MHz	1860 ~ 1900	QPSK	0.227	23.56
		16QAM	0.189	22.77
		64QAM	0.182	22.61

LTE Band 4

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
1.4 MHz	1710.7 ~ 1754.3	QPSK	0.267	24.26
		16QAM	0.209	23.2
		64QAM	0.166	22.21
3 MHz	1711.5 ~ 1753.5	QPSK	0.267	24.27
		16QAM	0.21	23.23
		64QAM	0.17	22.31
5 MHz	1712.5 ~ 1752.5	QPSK	0.269	24.30
		16QAM	0.213	23.28
		64QAM	0.169	22.29
10 MHz	1715 ~ 1750	QPSK	0.269	24.29
		16QAM	0.212	23.27
		64QAM	0.171	22.32
15 MHz	1717.5 ~ 1747.5	QPSK	0.27	24.31
		16QAM	0.215	23.33
		64QAM	0.167	22.24
20 MHz	1720 ~ 1745	QPSK	0.274	24.38
		16QAM	0.242	23.84
		64QAM	0.228	23.57

LTE Band 5

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)
1.4 MHz	824.7 ~ 848.3	QPSK	0.148	21.70
		16QAM	0.116	20.63
		64QAM	0.092	19.65
3 MHz	825.5 ~ 847.5	QPSK	0.149	21.72
		16QAM	0.118	20.71
		64QAM	0.094	19.75
5 MHz	826.5 ~ 846.5	QPSK	0.151	21.79
		16QAM	0.119	20.75
		64QAM	0.094	19.73
10 MHz	829 ~ 844	QPSK	0.151	21.80
		16QAM	0.121	20.81
		64QAM	0.094	19.75

LTE Band 5B

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)
10 MHz + 10 MHz	829 ~ 844	QPSK	0.148	21.69
		16QAM	0.116	20.63
		64QAM	0.083	19.20
10 MHz + 5 MHz	829 ~ 846.2	QPSK	0.145	21.62
		16QAM	0.114	20.58
		64QAM	0.081	19.10
5 MHz + 10 MHz	826.8 ~ 844	QPSK	0.145	21.61
		16QAM	0.113	20.53
		64QAM	0.081	19.08
5 MHz + 3 MHz	826.5 ~ 847.4	QPSK	0.145	21.62
		16QAM	0.113	20.52
		64QAM	0.082	19.14
3 MHz + 5 MHz	825.6 ~ 846.5	QPSK	0.145	21.60
		16QAM	0.113	20.53
		64QAM	0.081	19.08

LTE Band 7

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
5 MHz	2502.5 ~ 2567.5	QPSK	0.331	25.20
		16QAM	0.265	24.23
		64QAM	0.207	23.17
10 MHz	2505 ~ 2565	QPSK	0.33	25.18
		16QAM	0.262	24.18
		64QAM	0.207	23.17
15 MHz	2507.5 ~ 2562.5	QPSK	0.333	25.23
		16QAM	0.263	24.20
		64QAM	0.207	23.15
20 MHz	2510 ~ 2560	QPSK	0.348	25.41
		16QAM	0.268	24.28
		64QAM	0.212	23.26

LTE Band 7C

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
20 MHz + 20 MHz	2510 ~ 2560	QPSK	0.308	24.88
		16QAM	0.242	23.84
		64QAM	0.173	22.37
20 MHz + 15 MHz	2510 ~ 2562.2	QPSK	0.303	24.82
		16QAM	0.239	23.78
		64QAM	0.171	22.33
15 MHz + 20 MHz	2507.8 ~ 2560	QPSK	0.301	24.78
		16QAM	0.237	23.75
		64QAM	0.171	22.32
20 MHz + 10 MHz	2507.8 ~ 2564.5	QPSK	0.304	24.83
		16QAM	0.239	23.78
		64QAM	0.170	22.31
10 MHz + 20 MHz	2505.5 ~ 2560	QPSK	0.302	24.80
		16QAM	0.238	23.77
		64QAM	0.171	22.32
15 MHz + 15 MHz	2507.5 ~ 2562.5	QPSK	0.302	24.80
		16QAM	0.240	23.80
		64QAM	0.169	22.29
15 MHz + 10 MHz	2507.5 ~ 2564.7	QPSK	0.305	24.84
		16QAM	0.239	23.78
		64QAM	0.170	22.31

LTE Band 12

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)
1.4 MHz	699.7 ~ 715.3	QPSK	0.094	19.75
		16QAM	0.074	18.72
		64QAM	0.059	17.72
3 MHz	700.5 ~ 714.5	QPSK	0.095	19.77
		16QAM	0.076	18.82
		64QAM	0.06	17.80
5 MHz	701.5 ~ 713.5	QPSK	0.094	19.75
		16QAM	0.076	18.82
		64QAM	0.06	17.79
10 MHz	704 ~ 711	QPSK	0.097	19.88
		16QAM	0.08	19.03
		64QAM	0.061	17.84

LTE Band 13

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)
5 MHz	779.5 ~ 784.5	QPSK	0.106	20.27
		16QAM	0.083	19.17
		64QAM	0.067	18.28
10 MHz	782	QPSK	0.108	20.32
		16QAM	0.084	19.26
		64QAM	0.067	18.23

LTE Band 14

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)
5 MHz	790.5 ~ 795.5	QPSK	0.109	20.36
		16QAM	0.087	19.38
		64QAM	0.068	18.33
10 MHz	793	QPSK	0.111	20.44
		16QAM	0.086	19.34
		64QAM	0.069	18.4

LTE Band 25

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
1.4 MHz	1850.7 ~ 1914.3	QPSK	0.235	23.71
		16QAM	0.184	22.65
		64QAM	0.146	21.64
3 MHz	1851.5 ~ 1913.5	QPSK	0.236	23.72
		16QAM	0.187	22.71
		64QAM	0.146	21.65
5 MHz	1852.5 ~ 1912.5	QPSK	0.236	23.73
		16QAM	0.185	22.66
		64QAM	0.147	21.67
10 MHz	1855 ~ 1910	QPSK	0.233	23.68
		16QAM	0.188	22.74
		64QAM	0.148	21.70
15 MHz	1857.5 ~ 1907.5	QPSK	0.235	23.71
		16QAM	0.187	22.72
		64QAM	0.146	21.64
20 MHz	1860 ~ 1905	QPSK	0.24	23.80
		16QAM	0.187	22.71
		64QAM	0.15	21.77

LTE Band 26 (814 MHz ~ 824 MHz)

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)
1.4 MHz	814.7 ~ 823.3	QPSK	0.133	21.25
		16QAM	0.104	20.18
		64QAM	0.083	19.19
3 MHz	815.5 ~ 822.5	QPSK	0.133	21.25
		16QAM	0.107	20.29
		64QAM	0.084	19.26
5 MHz	816.5 ~ 821.5	QPSK	0.132	21.22
		16QAM	0.107	20.28
		64QAM	0.085	19.28
10 MHz	819	QPSK	0.138	21.40
		16QAM	0.108	20.32
		64QAM	0.087	19.38

LTE Band 26 (824 MHz ~ 849 MHz)

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)
1.4 MHz	824.7 ~ 848.3	QPSK	0.136	21.34
		16QAM	0.106	20.26
		64QAM	0.084	19.23
3 MHz	825.5 ~ 847.5	QPSK	0.138	21.39
		16QAM	0.108	20.35
		64QAM	0.085	19.30
5 MHz	826.5 ~ 846.5	QPSK	0.137	21.36
		16QAM	0.109	20.36
		64QAM	0.086	19.34
10 MHz	829 ~ 844	QPSK	0.14	21.46
		16QAM	0.111	20.44
		64QAM	0.087	19.39
15 MHz	831.5 ~ 841.5	QPSK	0.142	21.51
		16QAM	0.112	20.49
		64QAM	0.087	19.41

LTE Band 41

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
5 MHz	2498.5 ~ 2687.5	QPSK	0.332	25.21
		16QAM	0.284	24.53
		64QAM	0.224	23.50
10 MHz	2501 ~ 2685	QPSK	0.331	25.20
		16QAM	0.284	24.53
		64QAM	0.224	23.51
15 MHz	2503.5 ~ 2682.5	QPSK	0.334	25.24
		16QAM	0.286	24.57
		64QAM	0.228	23.58
20 MHz	2506 ~ 2680	QPSK	0.338	25.29
		16QAM	0.305	24.84
		64QAM	0.226	23.54

LTE Band 41C

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
20 MHz + 20 MHz	2506 ~ 2680	QPSK	0.337	25.28
		16QAM	0.264	24.21
		64QAM	0.182	22.61
20 MHz + 15 MHz	2506 ~ 2682.2	QPSK	0.335	25.25
		16QAM	0.260	24.15
		64QAM	0.179	22.54
15 MHz + 20 MHz	2503.8 ~ 2680	QPSK	0.331	25.20
		16QAM	0.259	24.13
		64QAM	0.179	22.53
20 MHz + 10 MHz	2506 ~ 2684.5	QPSK	0.331	25.20
		16QAM	0.259	24.14
		64QAM	0.181	22.58
10 MHz + 20 MHz	2501.5 ~ 2680	QPSK	0.333	25.22
		16QAM	0.259	24.13
		64QAM	0.179	22.54
20 MHz + 5 MHz	2506 ~ 2686.7	QPSK	0.333	25.22
		16QAM	0.258	24.12
		64QAM	0.179	22.53
5 MHz + 20 MHz	2499.3 ~ 2680	QPSK	0.330	25.19
		16QAM	0.257	24.10
		64QAM	0.177	22.48
15 MHz + 10 MHz	2503.5 ~ 2684.7	QPSK	0.330	25.19
		16QAM	0.257	24.10
		64QAM	0.178	22.51
10 MHz + 15 MHz	2501.3 ~ 2682.5	QPSK	0.330	25.18
		16QAM	0.261	24.17
		64QAM	0.178	22.51
15 MHz + 15 MHz	2503.5 ~ 2682.5	QPSK	0.332	25.21
		16QAM	0.260	24.15
		64QAM	0.178	22.50

LTE Band 66

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
1.4 MHz	1710.7 ~ 1779.3	QPSK	0.299	24.76
		16QAM	0.254	24.05
		64QAM	0.199	22.98
3 MHz	1711.5 ~ 1778.5	QPSK	0.294	24.69
		16QAM	0.253	24.03
		64QAM	0.194	22.88
5 MHz	1712.5 ~ 1777.5	QPSK	0.299	24.76
		16QAM	0.249	23.97
		64QAM	0.196	22.93
10 MHz	1715 ~ 1775	QPSK	0.299	24.75
		16QAM	0.249	23.96
		64QAM	0.200	23.00
15 MHz	1717.5 ~ 1772.5	QPSK	0.304	24.83
		16QAM	0.254	24.04
		64QAM	0.198	22.96
20 MHz	1720 ~ 1770	QPSK	0.305	24.84
		16QAM	0.258	24.11
		64QAM	0.202	23.05

LTE Band 71

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)
5 MHz	665.5 ~ 695.5	QPSK	0.090	19.56
		16QAM	0.078	18.90
		64QAM	0.061	17.84
10 MHz	668 ~ 693	QPSK	0.090	19.55
		16QAM	0.077	18.89
		64QAM	0.060	17.79
15 MHz	670.5 ~ 690.5	QPSK	0.093	19.69
		16QAM	0.078	18.92
		64QAM	0.062	17.89
20 MHz	673 ~ 688	QPSK	0.094	19.71
		16QAM	0.079	19.00
		64QAM	0.062	17.91

LTE Band 106

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)
1.4 MHz	898.2 ~ 899.8	QPSK	0.113	20.54
		16QAM	0.090	19.52
		64QAM	0.071	18.52
3 MHz	899	QPSK	0.116	20.63
		16QAM	0.095	19.76
		64QAM	0.093	19.68

4. The EUT support the following CA Configuration.

Band Configuration
5B
7C
41C

5. E-UTRA CA configuration / Bandwidth combination set.

E-UTRA CA configuration / Bandwidth combination set		
E-UTRA CA Configuration	Component carriers in order of increasing carrier frequency Channel bandwidth for PCC and SCC [MHz]	Maximum aggregated bandwidth [MHz]
CA_5B	5+3 / 3+5	8
	10+5 / 5+10	15
	10+10	20
CA_7C	15+10	25
	20+10 / 10+20 / 15+15	30
	20+15 / 15+20	35
	20 + 20	40
CA_41C	15+10 / 10+15	25
	20+5 / 5+20	25
	20+10 / 10+20 / 15+15	30
	20+15 / 15+20	35
	20+20	40

* For CA mode configuration, please consult the manufacturer to declare the test mode.

* 5B is continuous CA and maximum combination is 10M+10M.

* 7C is continuous CA and maximum combination is 20M+20M.

* 41C is continuous CA and maximum combination is 20M+20M.

6. For detailed information about each WWAN bands frequency range, bandwidth mode of the product, please refer to section 3.3 of the report.

7. The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.

3.2 Antenna Description of EUT

1. The antenna information is listed as below.

Ant. 0		Ant. 1	
Antenna Type	PIFA	Antenna Type	PIFA
Connector Type	I-PEX	Connector Type	I-PEX
Brand	AWAN	Brand	AWAN
Model	422GC2400001	Model	422GC2400002

Band		Freq. Range (MHz)	Ant. 0 Gain (dBi)	Ant. 1 Gain (dBi)
WCDMA II	1TX (Ant. 0)	1850 ~ 1910	1.22	-2.18
WCDMA IV	1TX (Ant. 0)	1710 ~ 1755	1.73	-4.30
WCDMA V	1TX (Ant. 0)	824 ~ 849	0.77	-2.65
LTE Band 2	1TX (Ant. 0)	1850 ~ 1910	1.22	-2.18
LTE Band 4	1TX (Ant. 0)	1710 ~ 1755	1.73	-4.30
LTE Band 5	1TX (Ant. 0)	824 ~ 849	0.77	-2.65
LTE Band 7	1TX (Ant. 0)	2500 ~ 2570	2.03	1.32
LTE Band 12	1TX (Ant. 0)	698 ~ 716	-1.13	-6.04
LTE Band 13	1TX (Ant. 0)	777 ~ 787	-0.51	-4.52
LTE Band 14	1TX (Ant. 0)	788 ~ 798	-0.30	-4.61
LTE Band 25	1TX (Ant. 0)	1850 ~ 1915	1.22	-2.18
LTE Band 26	1TX (Ant. 0)	814 ~ 849	0.77	-2.65
LTE Band 41	1TX (Ant. 0)	2496 ~ 2690	2.03	1.46
LTE Band 48	1TX (Ant. 0)	3550 ~ 3700	1.99	3.12
LTE Band 66	1TX (Ant. 0)	1710 ~ 1780	1.73	-4.3
LTE Band 71	1TX (Ant. 0)	663 ~ 698	-1.32	-6.36
LTE Band 106	1TX (Ant. 0)	896 ~ 901	0.01	-2.26

* The above Antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

3.3 Test Mode Applicability and Tested Channel Detail

Pre-Scan:	1. The EUT has the following Battery: Battery 1 / Battery 2. Pre-scan these batteries and find the worst case as a representative test condition. 2. The EUT has the following AC Adapter: AC Adapter 1 / AC Adapter 2. Pre-scan these AC Adapters and find the worst case as a representative test condition. 3. EUT can be used in the following ways: X-axis / Y-axis / Z-axis. Pre-scan these ways and find the worst case as a representative test condition.
Worst Case:	1. Battery Worst Condition: Battery 2 2. AC Adapter Worst Condition: AC Adapter 1 3. X-axis / Y-axis / Z-axis Worst Condition: X-axis

3.3.1 WCDMA Band II

Test Item	Tested Channel	Mode
Equivalent Isotropically Radiated Power	9262(1852.40 MHz)	WCDMA
	9400(1880.00 MHz)	HSDPA
	9538(1907.60 MHz)	HSUPA
Radiated Spurious Emissions below 1GHz	9262(1852.40 MHz)	WCDMA
Radiated Spurious Emissions above 1GHz	9262(1852.40 MHz)	WCDMA

3.3.2 WCDMA Band IV

Test Item	Tested Channel	Mode
Equivalent Isotropically Radiated Power	1312(1712.40 MHz)	WCDMA
	1413(1732.60 MHz)	HSDPA
	1513(1752.60 MHz)	HSUPA
Radiated Spurious Emissions below 1GHz	1312(1712.40 MHz)	WCDMA
Radiated Spurious Emissions above 1GHz	1312(1712.40 MHz)	WCDMA

3.3.3 WCDMA Band V

Test Item	Tested Channel	Mode
Effective Radiated Power	4132(826.40 MHz)	WCDMA
	4182(836.40 MHz)	HSDPA
	4233(846.60 MHz)	HSUPA
Radiated Spurious Emissions below 1GHz	4182(836.40 MHz)	WCDMA
Radiated Spurious Emissions above 1GHz	4182(836.40 MHz)	WCDMA

3.3.4 LTE Band 2

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	18607(1850.70 MHz) 18900(1880.00 MHz) 19193(1909.30 MHz)	1.4 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	18615(1851.50 MHz) 18900(1880.00 MHz) 19185(1908.50 MHz)	3 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	18625(1852.50 MHz) 18900(1880.00 MHz) 19175(1907.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	18650(1855.00 MHz) 18900(1880.00 MHz) 19150(1905.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	18675(1857.50 MHz) 18900(1880.00 MHz) 19125(1902.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	18700(1860.00 MHz) 18900(1880.00 MHz) 19100(1900.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	18900(1880.00 MHz)	20 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	18900(1880.00 MHz)	20 MHz	QPSK	1 RB

3.3.5 LTE Band 4

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	19957(1710.70 MHz) 20175(1732.50 MHz) 20393(1754.30 MHz)	1.4 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	19965(1711.50 MHz) 20175(1732.50 MHz) 20385(1753.50 MHz)	3 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	19975(1712.50 MHz) 20175(1732.50 MHz) 20375(1752.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	20000(1715.00 MHz) 20175(1732.50 MHz) 20350(1750.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	20025(1717.50 MHz) 20175(1732.50 MHz) 20325(1747.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	20050(1720.00 MHz) 20175(1732.50 MHz) 20300(1745.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	20175(1732.50 MHz)	20 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	20175(1732.50 MHz)	20 MHz	QPSK	1 RB

3.3.6 LTE Band 5 / LTE Band 5B

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	20407(824.70 MHz) 20525(836.50 MHz) 20643(848.30 MHz)	1.4 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	20415(825.50 MHz) 20525(836.50 MHz) 20635(847.50 MHz)	3 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	20425(826.50 MHz) 20525(836.50 MHz) 20625(846.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	20450(829.00 MHz) 20525(836.50 MHz) 20600(844.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	20450(829.00 MHz) + 20549(838.90 MHz) 20476(831.60 MHz) + 20575(841.50 MHz) 20501(834.10 MHz) + 20600(844.00 MHz)	10 MHz + 10 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	20450(829.00 MHz) + 20522(836.20 MHz) 20500(834.00 MHz) + 20572(841.20 MHz) 20550(839.00 MHz) + 20622(846.20 MHz)	10 MHz + 5 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	20428(826.80 MHz) + 20500(834.00 MHz) 20478(831.80 MHz) + 20550(839.00 MHz) 20528(836.80 MHz) + 20600(844.00 MHz)	5 MHz + 10 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	20425(826.50 MHz) + 20464(830.40 MHz) 20510(835.00 MHz) + 20549(838.90 MHz) 20595(843.50 MHz) + 20634(847.40 MHz)	5 MHz + 3 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	20416(825.60 MHz) + 20455(829.50 MHz) 20501(834.10 MHz) + 20540(838.00 MHz) 20586(842.60 MHz) + 20625(846.50MHz)	3 MHz + 5 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	20600(844.00 MHz)	10 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	20600(844.00 MHz)	10 MHz	QPSK	1 RB
	20501(834.10 MHz) + 20600(844.00 MHz)	10 MHz + 10 MHz	QPSK	1 RB

3.3.7 LTE Band 7 / LTE Band 7C

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	20775(2502.50 MHz) 21100(2535.00 MHz) 21425(2567.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	20800(2505.00 MHz) 21100(2535.00 MHz) 21400(2565.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	20825(2507.50 MHz) 21100(2535.00 MHz) 21375(2562.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	20850(2510.00 MHz) 21100(2535.00 MHz) 21350(2560.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	20850(2510.00 MHz) + 21048(2529.80 MHz) 21001(2525.10 MHz) + 21199(2544.90 MHz) 21152(2540.20 MHz) + 21350(2560.00 MHz)	20 MHz + 20 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	20850(2510.00 MHz) + 21021(2527.10 MHz) 21026(2527.60 MHz) + 21197(2544.70 MHz) 21201(2545.10 MHz) + 21372(2562.20 MHz)	20 MHz + 15 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	20828(2507.80 MHz) + 20999(2524.90 MHz) 21003(2525.30 MHz) + 21174(2542.40 MHz) 21179(2542.90 MHz) + 21350(2560.00 MHz)	15 MHz + 20 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	20850(2510.00 MHz) + 20994(2524.40 MHz) 21051(2530.10 MHz) + 21195(2544.50 MHz) 21251(2550.10 MHz) + 21395(2564.50 MHz)	20 MHz + 10 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	20805(2505.50 MHz) + 20949(2519.90 MHz) 21006(2525.60 MHz) + 21150(2540.00 MHz) 21206(2545.60 MHz) + 21350(2560.00 MHz)	10 MHz + 20 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	20825(2507.50 MHz) + 20975(2522.50 MHz) 21025(2527.50 MHz) + 21175(2542.50 MHz) 21225(2547.50 MHz) + 21375(2562.50 MHz)	15 MHz + 15 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	20825(2507.50 MHz) + 20945(2519.50 MHz) 21051(2530.10 MHz) + 21171(2542.10 MHz) 21277(2552.70 MHz) + 21397(2564.70 MHz)	15 MHz + 10 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	21350(2560.00 MHz)	20 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	21350(2560.00 MHz)	20 MHz	QPSK	1 RB
	21152(2540.20 MHz) + 21350(2560.00 MHz)	20 MHz + 20 MHz	QPSK	1 RB

3.3.8 LTE Band 12

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	23017(699.70 MHz) 23095(707.50 MHz) 23173(715.30 MHz)	1.4 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	23025(700.50 MHz) 23095(707.50 MHz) 23165(714.50 MHz)	3 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	23035(701.50 MHz) 23095(707.50 MHz) 23155(713.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	23060(704.00 MHz) 23095(707.50 MHz) 23130(711.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	23130(711.00 MHz)	10 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	23130(711.00 MHz)	10 MHz	QPSK	1 RB

3.3.9 LTE Band 13

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	23205(779.50 MHz) 23230(782.00 MHz) 23255(784.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	23230(782.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	23230(782.00 MHz)	10 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	23230(782.00 MHz)	10 MHz	QPSK	1 RB

3.3.10 LTE Band 14

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	23305(790.50 MHz) 23330(793.00 MHz) 23355(795.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	23330(793.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	23330(793.00 MHz)	10 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	23330(793.00 MHz)	10 MHz	QPSK	1 RB

3.3.11 LTE Band 25

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	26047(1850.70 MHz) 26365(1882.50 MHz) 26683(1914.30 MHz)	1.4 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	26055(1851.50 MHz) 26365(1882.50 MHz) 26675(1913.50 MHz)	3 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	26065(1852.50 MHz) 26365(1882.50 MHz) 26665(1912.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	26090(1855.00 MHz) 26365(1882.50 MHz) 26640(1910.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	26115(1857.50 MHz) 26365(1882.50 MHz) 26615(1907.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	26140(1860.00 MHz) 26365(1882.50 MHz) 26590(1905.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	26140(1860.00 MHz)	20 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	26140(1860.00 MHz)	20 MHz	QPSK	1 RB

3.3.12 LTE Band 26 (814 MHz ~ 824 MHz)

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	26697(814.70 MHz) 26740(819.00 MHz) 26783(823.30 MHz)	1.4 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	26705(815.50 MHz) 26740(819.00 MHz) 26775(822.50 MHz)	3 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	26715(816.50 MHz) 26740(819.00 MHz) 26765(821.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	26740(819.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	26740(819.00 MHz)	10 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	26740(819.00 MHz)	10 MHz	QPSK	1 RB

3.3.13 LTE Band 26 (824 MHz ~ 849 MHz)

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	26797(824.70 MHz) 26915(836.50 MHz) 27033(848.30 MHz)	1.4 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	26805(825.50 MHz) 26915(836.50 MHz) 27025(847.50 MHz)	3 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	26815(826.50 MHz) 26915(836.50 MHz) 27015(846.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	26840(829.00 MHz) 26915(836.50 MHz) 26990(844.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	26865(831.50 MHz) 26915(836.50 MHz) 26965(841.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	26965(841.50 MHz)	15 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	26965(841.50 MHz)	15 MHz	QPSK	1 RB

3.3.14 LTE Band 41 / LTE Band 41C

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	39675(2498.50 MHz) 40620(2593.00 MHz) 41565(2687.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	39700(2501.00 MHz) 40620(2593.00 MHz) 41540(2685.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	39725(2503.50 MHz) 40620(2593.00 MHz) 41515(2682.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	39750(2506.00 MHz) 40620(2593.00 MHz) 41490(2680.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	39750(2506.00 MHz) + 39948(2525.80 MHz) 40521(2583.10 MHz) + 40719(2602.90 MHz) 41292(2660.20 MHz) + 41490(2680.00 MHz)	20 MHz + 20 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	39750(2506.00 MHz) + 39921(2523.10 MHz) 40546(2585.60 MHz) + 40717(2602.70 MHz) 41341(2665.10 MHz) + 41512(2682.20 MHz)	20 MHz + 15 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	39728(2503.80 MHz) + 39899(2520.90 MHz) 40523(2593.30 MHz) + 40694(2600.40 MHz) 41319(2662.90 MHz) + 41490(2680.00 MHz)	15 MHz + 20 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	39750(2506.00 MHz) + 39894(2520.40 MHz) 40571(2588.10 MHz) + 40715(2602.50 MHz) 41391(2670.10 MHz) + 41535(2684.50 MHz)	20 MHz + 10 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	39705(2501.50 MHz) + 39849(2515.90 MHz) 40526(2583.60 MHz) + 40670(2598.00 MHz) 41346(2665.60 MHz) + 41490(2680.00 MHz)	10 MHz + 20 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	39750(2506.00 MHz) + 39867(2517.70 MHz) 40595(2590.50 MHz) + 40712(2602.20 MHz) 41440(2675.00 MHz) + 41557(2686.70 MHz)	20 MHz + 5 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	39683(2499.30 MHz) + 39800(2511.00 MHz) 40528(2583.80 MHz) + 40645(2595.50 MHz) 41373(2668.30 MHz) + 41490(2680.00 MHz)	5 MHz + 20 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	39725(2503.50 MHz) + 39845(2515.50 MHz) 40571(2588.10 MHz) + 40691(2600.10 MHz) 41417(2672.70 MHz) + 41537(2684.70 MHz)	15 MHz + 10 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	39703(2501.30 MHz) + 39823(2513.30 MHz) 40549(2585.90 MHz) + 40669(2597.90 MHz) 41395(2670.50 MHz) + 41515(2682.50 MHz)	10 MHz + 15 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	39725(2503.50 MHz) + 39875(2518.50 MHz) 40545(2585.50 MHz) + 40695(2600.50 MHz) 41365(2667.50 MHz) + 41515(2682.50 MHz)	15 MHz + 15 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
Radiated Spurious Emissions below 1GHz	41490(2680.00 MHz)	20 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	41490(2680.00 MHz)	20 MHz	QPSK	1 RB
	41292(2660.20 MHz) + 41490(2680.00 MHz)	20 MHz + 20 MHz	QPSK	1 RB

3.3.15 LTE Band 66

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	131979(1710.70 MHz) 132322(1745.00 MHz) 132665(1779.30 MHz)	1.4 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	131987(1711.50 MHz) 132322(1745.00 MHz) 132657(1778.50 MHz)	3 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	131997(1712.50 MHz) 132322(1745.00 MHz) 132647(1777.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	132022(1715.00 MHz) 132322(1745.00 MHz) 132622(1775.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	132047(1717.50 MHz) 132322(1745.00 MHz) 132597(1772.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	132072(1720.00 MHz) 132322(1745.00 MHz) 132572(1770.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	132322(1745.00 MHz)	20 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	132322(1745.00 MHz)	20 MHz	QPSK	1 RB

3.3.16 LTE Band 71

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	133147(665.50 MHz) 133297(680.50 MHz) 133447(695.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	133172(668.00 MHz) 133297(680.50 MHz) 133422(693.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	133197(670.50 MHz) 133297(680.50 MHz) 133397(690.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	133222(673.00 MHz) 133297(680.50 MHz) 133372(688.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	133372(688.00 MHz)	20 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	133372(688.00 MHz)	20 MHz	QPSK	1 RB

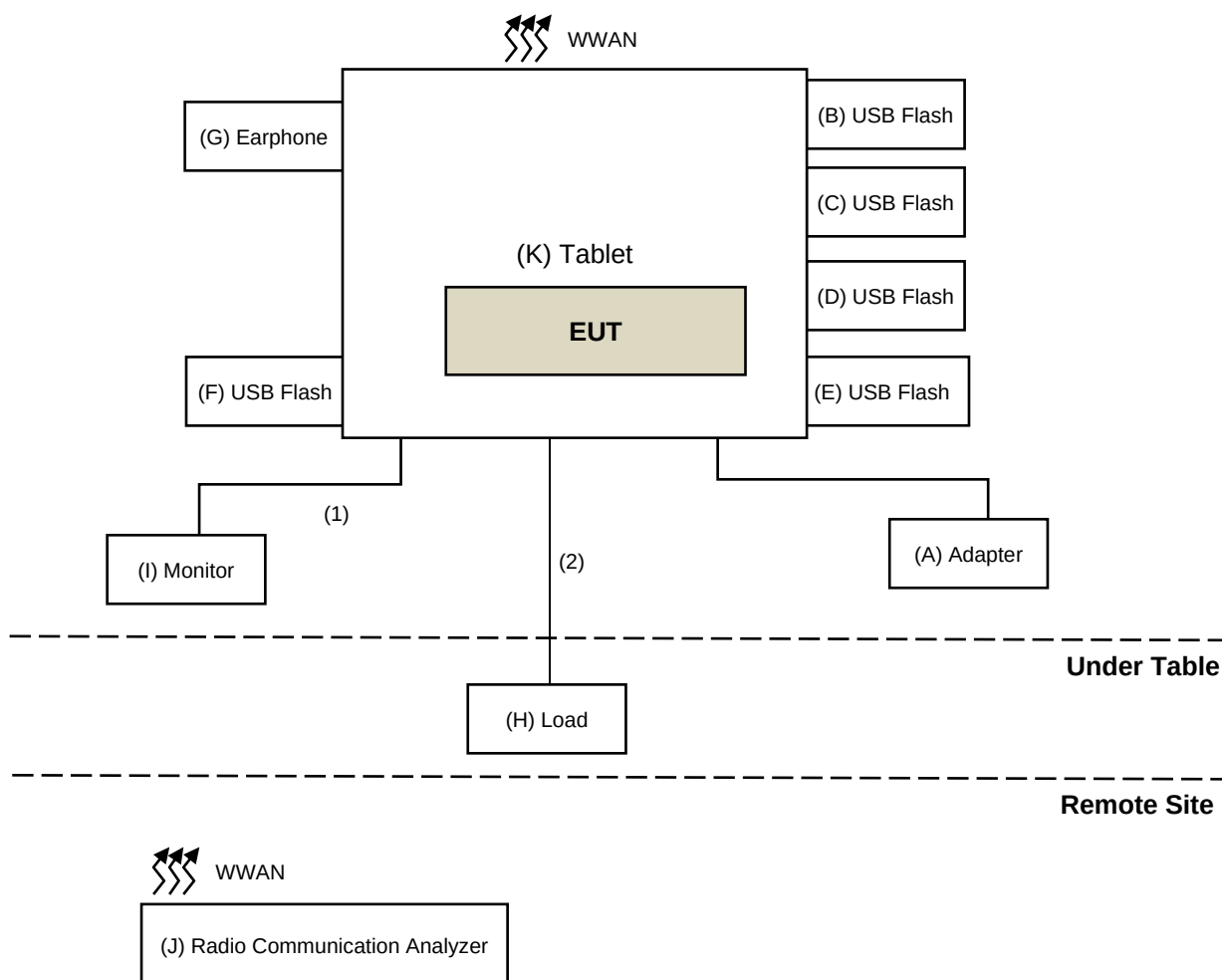
3.3.17 LTE Band 106

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	134314(898.20 MHz) 134322(899.00 MHz) 134330(899.80 MHz)	1.4 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	134322(899.00 MHz)	3 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	134322(899.00 MHz)	3 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	134322(899.00 MHz)	3 MHz	QPSK	1 RB

3.4 Test Program Used and Operation Descriptions

There is no need to controlling software during the test, and the EUT can be paired with the Radio Communication Analyzer to test the connection when it is powered on.

3.5 Connection Diagram of EUT and Peripheral Devices



3.6 Configuration of Peripheral Devices and Cable Connections

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	Adapter	FSP	FSP065-RBBN3	N/A	N/A	Supplied by applicant
B	USB Flash	SanDisk	SDDDC3-032G	N/A	N/A	Provided by Lab
C	USB Flash	SanDisk	SDDDC3-032G	N/A	N/A	Provided by Lab
D	USB Flash	SanDisk	SDDDC3-032G	N/A	N/A	Provided by Lab
E	USB Flash	SanDisk	SDDDC3-032G	N/A	N/A	Provided by Lab
F	USB Flash	SanDisk	SDDDC3-032G	N/A	N/A	Provided by Lab
G	Earphone	APPLE	MB77PFEB	N/A	N/A	Provided by Lab
H	Load	N/A	N/A	N/A	N/A	Provided by Lab
I	Monitor	DELL	A14S2421HSXmTW	CN-01KFWF- WSL00-24C-714B	N/A	Provided by Lab
J	Radio Communication Analyzer	Anritsu	MT8821C	6201462755	N/A	Provided by Lab
K	Tablet	Getac	G140	N/A	N/A	Supplied by applicant

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	HDMI Cable	1	1.5	Yes	0	Provided by Lab
2	RJ-45 Cable	1	1.5	No	0	Provided by Lab

4 Test Instruments

The calibration interval of the all test instruments are 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

4.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Fixed Attenuator Woken	00800A1K01A-10	00800A1K01A-10-01	2025/5/23	2026/5/22
PXA Signal Analyzer Keysight	N9030B	MY57140938	2025/3/24	2026/3/23
Software BV	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A
Radio Communication Analyzer Anritsu	MT8821C	6201462755	2025/4/8	2026/4/7

Notes:

1. The test was performed in Oven room.
2. Tested Date: 2025/11/21

4.2 Radiated Spurious Emissions below 1GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower &Turn BV ADT	AT100	AT93021705	N/A	N/A
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-160	2025/9/16	2026/9/15
Loop Antenna TESEQ	HLA 6121	45745	2025/9/1	2026/8/31
Preamplifier Agilent	8447D	2944A10638	2025/4/27	2026/4/26
Preamplifier EMCI	EMC001340	980201	2025/9/21	2026/9/20
RF Coaxial Cable Woken	8D-FB	Cable-CH9-01	2025/4/27	2026/4/26
Signal & Spectrum Analyzer R&S	FSW43	101866	2025/3/25	2026/3/24
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table BV ADT	TT100	TT93021705	N/A	N/A
Turn Table Controller BV ADT	SC100	SC93021705	N/A	N/A

Notes:

1. The test was performed in HY - 966 chamber 4.
2. Tested Date: 2025/11/14

4.3 Radiated Spurious Emissions above 1GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower & Turn BV ADT	AT100	AT93021705	N/A	N/A
Boresight antenna tower fixture BV	BAF-02	5	N/A	N/A
Horn Antenna Schwarzbeck	BBHA 9120D	9120D-1169	2025/11/9	2026/11/8
	BBHA 9170	9170-480	2025/11/9	2026/11/8
		BBHA9170243	2025/11/9	2026/11/8
Preamplifier Agilent	8449B	3008A02367	2025/1/5	2026/1/4
Preamplifier EMCI	EMC 184045	980116	2025/9/21	2026/9/20
RF Coaxial Cable EMCI	EMC102-KM-KM-600	150928	2025/6/30	2026/6/29
	EMC102-KM-KM-3000	150929	2025/6/30	2026/6/29
RF Coaxial Cable HUBER+SUHNER	SUCOFLEX 104	CABLE-CH9-(250795/4)	2025/1/5	2026/1/4
RF Coaxial Cable HUBER+SUHNER&EMCI	SUCOFLEX 104& EMC104-SM-SM8000	CABLE-CH9-02 (248780+171006)	2025/1/5	2026/1/4
Signal & Spectrum Analyzer R&S	FSW43	101866	2025/3/25	2026/3/24
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table BV ADT	TT100	TT93021705	N/A	N/A
Turn Table Controller BV ADT	SC100	SC93021705	N/A	N/A

Notes:

1. The test was performed in HY - 966 chamber 4.
2. Tested Date: 2025/11/13 ~ 2025/11/27

5 Limits of Test Items

5.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

For WCDMA 2, LTE Band 2, LTE Band 2C, LTE Band 25:

Mobile and portable stations are limited to 2 watts EIRP.

For WCDMA 4, LTE Band 4, LTE Band 66:

Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP.

For WCDMA 5, LTE Band 5, LTE Band 5B, LTE Band 26 (824 MHz ~ 849 MHz):

The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

For LTE Band 7, LTE Band 7C, LTE Band 41, LTE Band 41C:

Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.

For LTE Band 12, LTE Band 71:

Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP.

For LTE Band 13:

Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts ERP.

For LTE Band 14:

Portable stations (hand-held devices) transmitting in the 758-768 MHz band and the 788-798 MHz band are limited to 3 watts ERP.

For LTE Band 26 (814 MHz ~ 824 MHz):

The maximum output power of the transmitter for mobile stations is 100 watts (20 dBw) ERP.

For LTE Band 106:

Mobile, control and auxiliary test stations must not exceed 10 watts ERP.

5.2 Radiated Spurious Emissions below 1GHz

For WCDMA 2, WCDMA 5, LTE Band 2, LTE Band 2C, LTE Band 5, LTE Band 5B, LTE Band 25, LTE Band 26 (824 MHz ~ 849 MHz):

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 -13 dBm.

For WCDMA 4, LTE Band 4, LTE Band 66:

According to FCC 47 CFR part 27.53(h), for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log(P)$ dB. The limit of emission is equal to -13 dBm.

For LTE Band 7, LTE Band 7C, LTE Band 41, LTE Band 41C:

According to FCC 47 CFR part 27.53(m)(4), on any frequency outside a licensee's frequency block, The power of any emission shall be attenuated below the transmitter power (P) by at least $55 + 10 \log(P)$ dB. The emission limit equal to -25 dBm.

For LTE Band 12, LTE Band 71:

According to FCC 47 CFR part 27.53(g), for operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log(P)$ dB. The limit of emissions is equal to -13 dBm.

For LTE Band 13:

According to FCC 47 CFR part 27.53(c)(2), for on any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log(P)$ dB. The limit of emissions is equal to -13 dBm.

For LTE Band 14:

According to FCC 47 CFR part 90.543 (e), for operations in the 758-768 MHz and the 788-798 MHz bands, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log(P)$ dB.

For LTE Band 26 (814 MHz ~ 824 MHz):

For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

For §90.691(a), RBW = 100 kHz for offset greater than 37.5 kHz from channel edge is allowed.

For LTE Band 106:

According to FCC 47 CFR part 27.1509(a), the power of any emission outside a licensee's frequency band of operation shall be attenuated below the transmitter power (P) by at least $43 + 10 \log(P)$ dB. The limit of emission is equal to -13 dBm.

5.3 Radiated Spurious Emissions above 1GHz

For WCDMA 2, WCDMA 5, LTE Band 2, LTE Band 2C, LTE Band 5, LTE Band 5B, LTE Band 25, LTE Band 26 (824 MHz ~ 849 MHz):

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 -13 dBm.

For WCDMA 4, LTE Band 4, LTE Band 66:

According to FCC 47 CFR part 27.53(h), for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log(P)$ dB. The limit of emission is equal to -13 dBm.

For LTE Band 7, LTE Band 7C, LTE Band 41, LTE Band 41C:

According to FCC 47 CFR part 27.53(m)(4), on any frequency outside a licensee's frequency block, The power of any emission shall be attenuated below the transmitter power (P) by at least $55 + 10 \log(P)$ dB. The emission limit equal to -25 dBm.

For LTE Band 12, LTE Band 71:

According to FCC 47 CFR part 27.53(g), for operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log(P)$ dB. The limit of emissions is equal to -13 dBm.

For LTE Band 13:

According to FCC 47 CFR part 27.53(c)(2), for on any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log(P)$ dB. The limit of emissions is equal to -13 dBm.

For operations in the 775-788 MHz, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz (EIRP). The limit of emissions is equal to -40 dBm.

For LTE Band 14:

According to FCC 47 CFR part 90.543 (e), for operations in the 758-768 MHz and the 788-798 MHz bands, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log(P)$ dB.

According to FCC 47 CFR part 90.543 (f), for operations in the 758-775 MHz and 788-805 MHz bands, all emissions including harmonics in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth.

For LTE Band 26 (814 MHz ~ 824 MHz):

For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

For §90.691(a), RBW = 100 kHz for offset greater than 37.5 kHz from channel edge is allowed.

For LTE Band 106:

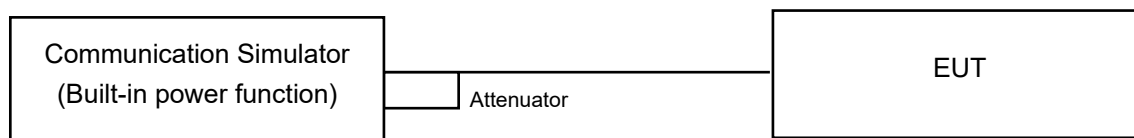
According to FCC 47 CFR part 27.1509(a), the power of any emission outside a licensee's frequency band of operation shall be attenuated below the transmitter power (P) by at least $43 + 10 \log(P)$ dB. The limit of emission is equal to -13 dBm.

6 Test Arrangements

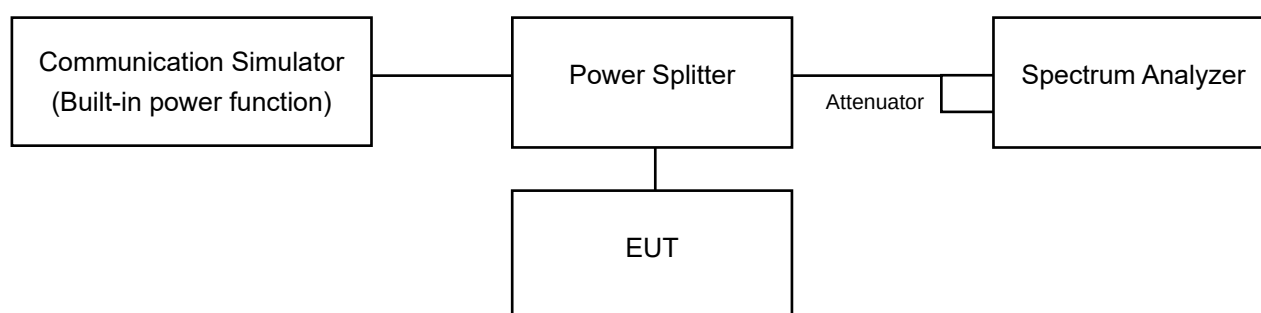
6.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

6.1.1 Test Setup

Conducted Power Measurement:



For measuring output power using spectrum



6.1.2 Test Procedure

Conducted Power Measurement:

The EUT is configured by emulator to set data modulation and maximum power using WWAN technology. The average (rms) power measurement was performed on emulator and power value was measured from power function on emulator. Set the EUT to transmit under low, middle and high channel and record the power level shown on simulator.

For measuring output power using spectrum

The EUT is configured by emulator to set data modulation and maximum power using WWAN technology and link to spectrum analyzer measurements. Set the EUT to transmit under low, middle and high channel and record the power level shown on spectrum analyzer. Power measurements use detector average (rms).

For measuring output power using spectrum

Measurement method refers to ANSI C63.26 section 5.2.4.4.

- Set span to $2 \times$ to $3 \times$ the OBW.
- Set RBW = 1% to 5% of the OBW.
- Set VBW $\geq 3 \times$ RBW.
- Set number of measurement points in sweep $\geq 2 \times$ span / RBW.
- Set Sweep time = auto-couple.
- Detector = power averaging (rms).
- Set sweep trigger to "free run."
- Trace average at least 100 traces in power averaging (rms) mode.
- Use the Band/Channel Power function to determine the integrated power per 5 MHz bandwidth, according to the 47 CFR FCC Part 27 section 27.53(a)(3)(i) standard.
- If Duty cycle < 98%, Add $10 \log (1/\text{duty cycle})$ to the measured power level to compute the average power during continuous transmission.

Maximum EIRP / ERP

The relevant equation for determining the maximum ERP or EIRP from the measured RF output power is given in Equation as follows:

$$\text{EIRP} = P_{\text{Meas}} + G_T$$

$$\text{ERP} = P_{\text{Meas}} + G_T - 2.15$$

where

ERP or EIRP effective radiated power or equivalent isotropically radiated power, respectively

(expressed in the same units as P_{Meas} , e.g., dBm or dBW)

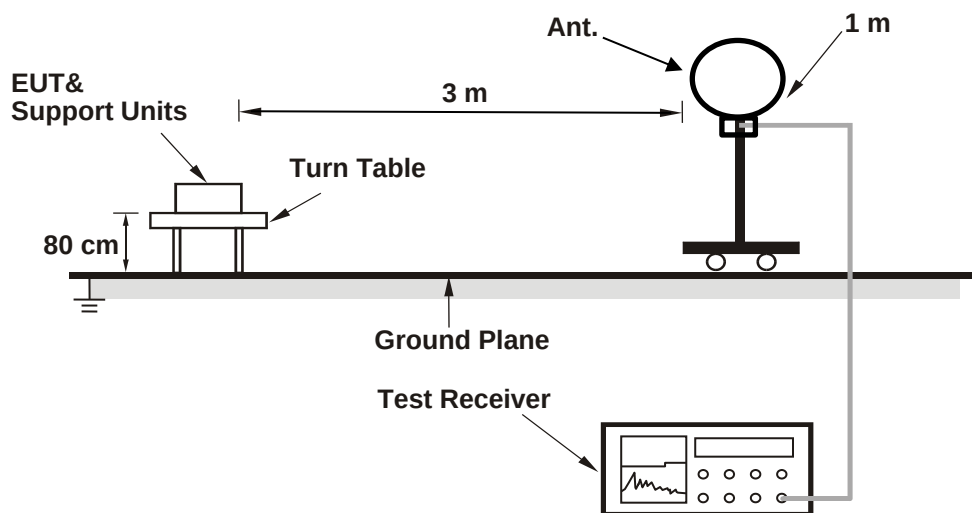
P_{Meas} measured transmitter output power or PSD, in dBm or dBW

G_T gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP)

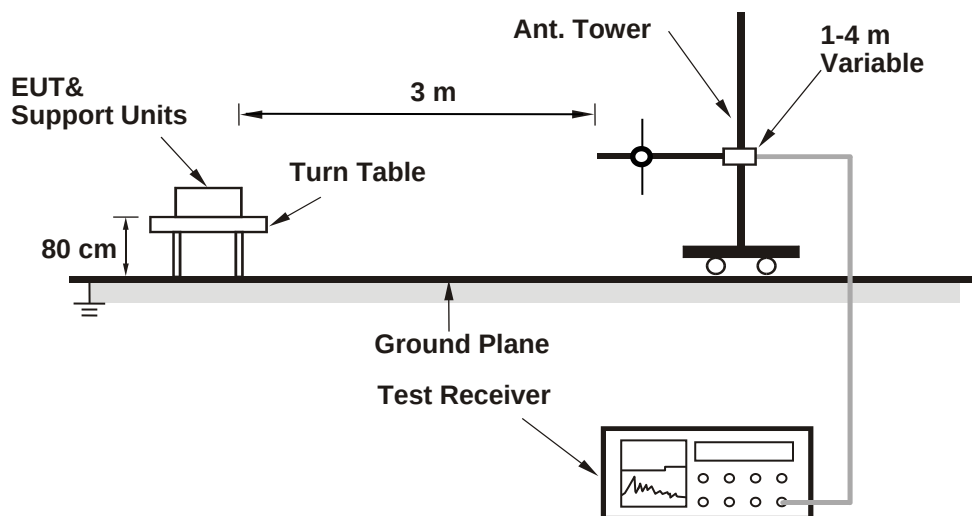
6.2 Radiated Spurious Emissions below 1GHz

6.2.1 Test Setup

For Radiated emission below 30 MHz



For Radiated emission above 30 MHz



For the actual test configuration, please refer to the attached file (Test Setup Photo).

6.2.2 Test Procedure

The EUT is configured to set data modulation and maximum power using WWAN technology.

- a. In the semi-anechoic chamber, EUT placed on the 0.8 m (below or equal 1 GHz) height of turn table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1 m to 4 m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- b. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- c. Perform a field strength measurement and record the worse read value, is the field strength value via a spectrum reading obtained corrected for antenna factor, cable loss and pre-amplifier factor and then mathematically convert the measured field strength level to EIRP/ERP level.
- d. Following ANSI C63.26 section 5.5 and 5.2.7
- e. $EIRP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8$; where D is the measurement distance (in the far field region) in m.
- f. $ERP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8 - 2.15$; where D is the measurement distance (in the far field region) in m.

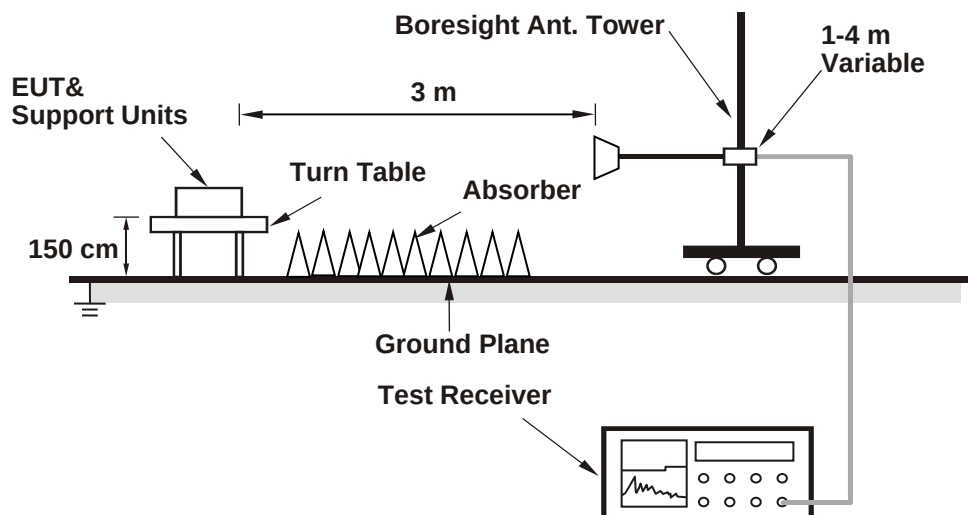
Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz/3 MHz. Set detector = average.
2. The amplitude of spurious emissions in the range 9 kHz to 30 MHz which are attenuated more than 20 dB below the permissible value need not be reported.

6.3 Radiated Spurious Emissions above 1GHz

6.3.1 Test Setup

For radiated emission above 1 GHz



For the actual test configuration, please refer to the attached file (Test Setup Photo).

6.3.2 Test Procedure

The EUT is configured to set data modulation and maximum power using WWAN technology.

- In the semi-anechoic chamber, EUT placed on the 1.5 m height of turn table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1 m to 4 m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- Perform a field strength measurement and record the worse read value, is the field strength value via a spectrum reading obtained corrected for antenna factor, cable loss and pre-amplifier factor and then mathematically convert the measured field strength level to EIRP/ERP level.
- Following ANSI C63.26 section 5.5 and 5.2.7
- $EIRP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8$; where D is the measurement distance (in the far field region) in m.
- $ERP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8 - 2.15$; where D is the measurement distance (in the far field region) in m.

Note: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz/3 MHz. Set detector = average.

7 Test Results of Test Item

7.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

Environmental Conditions:	23°C, 62% RH	Tested By:	Charles Hsiao
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7.1.1 WCDMA Band II

Measurement Conducted Power (dBm)			
Band	WCDMA II		
TX Channel	9262	9400	9538
Rx Channel	9662	9800	9938
Frequency	1852.4	1880	1907.6
RMC 12.2K	23.18	23.08	23.11
HSDPA Subtest-1	22.43	22.35	22.31
HSDPA Subtest-2	22.41	22.33	22.28
HSDPA Subtest-3	21.92	21.81	21.79
HSDPA Subtest-4	21.97	21.89	21.83
DC-HSDPA Subtest-1	22.21	22.16	22.17
DC-HSDPA Subtest-2	22.22	22.21	22.13
DC-HSDPA Subtest-3	21.71	21.62	21.67
DC-HSDPA Subtest-4	21.81	21.68	21.65
HSUPA Subtest-1	22.36	22.23	22.15
HSUPA Subtest-2	20.27	20.35	20.28
HSUPA Subtest-3	21.35	21.41	21.22
HSUPA Subtest-4	20.32	20.37	20.25
HSUPA Subtest-5	22.25	22.32	22.21

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
RMC 12.2K	23.08	23.18	24.30	24.40	33.01
HSDPA	21.62	22.43	22.84	23.65	33.01
HSUPA	20.25	23.00	21.47	24.22	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.2 WCDMA Band IV

Measurement Conducted Power (dBm)			
Band	WCDMA IV		
TX Channel	1312	1413	1513
Rx Channel	1537	1638	1738
Frequency	1712.4	1732.6	1752.6
RMC 12.2K	23.58	23.51	23.46
HSDPA Subtest-1	22.56	22.52	22.47
HSDPA Subtest-2	22.53	22.51	22.41
HSDPA Subtest-3	22.08	22.06	21.85
HSDPA Subtest-4	22.05	22.01	21.83
DC-HSDPA Subtest-1	22.37	22.31	22.35
DC-HSDPA Subtest-2	22.38	22.31	22.23
DC-HSDPA Subtest-3	21.89	21.92	21.69
DC-HSDPA Subtest-4	21.90	21.86	21.61
HSUPA Subtest-1	22.53	22.46	22.38
HSUPA Subtest-2	20.49	20.37	20.35
HSUPA Subtest-3	21.51	21.28	21.27
HSUPA Subtest-4	20.48	20.43	20.25
HSUPA Subtest-5	22.47	22.41	22.35

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
RMC 12.2K	23.46	23.58	25.19	25.31	30
HSDPA	21.61	22.56	23.34	24.29	30
HSUPA	20.25	23.00	21.98	24.73	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.3 WCDMA Band V

Measurement Conducted Power (dBm)			
Band	WCDMA V		
TX Channel	4132	4182	4233
Rx Channel	4357	4407	4458
Frequency	826.4	836.4	846.6
RMC 12.2K	23.17	23.23	23.19
HSDPA Subtest-1	22.62	22.71	22.65
HSDPA Subtest-2	22.61	22.68	22.63
HSDPA Subtest-3	22.13	22.18	22.15
HSDPA Subtest-4	22.09	22.16	22.13
DC-HSDPA Subtest-1	22.47	22.52	22.45
DC-HSDPA Subtest-2	22.47	22.51	22.48
DC-HSDPA Subtest-3	21.91	21.99	21.98
DC-HSDPA Subtest-4	21.92	22.04	21.98
HSUPA Subtest-1	22.56	22.65	22.63
HSUPA Subtest-2	20.55	20.63	20.62
HSUPA Subtest-3	21.53	21.62	21.57
HSUPA Subtest-4	20.63	20.69	20.65
HSUPA Subtest-5	22.51	22.62	22.61

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
RMC 12.2K	23.17	23.23	21.79	21.85	38.45
HSDPA	21.91	22.71	20.53	21.33	38.45
HSUPA	20.55	22.65	19.17	21.27	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.4 LTE Band 2

LTE Band 2, Channel Bandwidth: 1.4 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 18607	CH 18900	CH 19193
			1850.7 MHz	1880 MHz	1909.3 MHz
QPSK	1	0	22.24	22.25	22.12
	1	7	22.09	22.19	22.01
	1	14	22.13	22.12	22.06
	8	0	22.15	22.19	22.07
	8	3	22.10	22.11	22.06
	8	7	22.10	22.14	22.03
	15	0	21.13	21.19	21.05
16QAM	1	0	21.11	21.19	21.08
	1	7	21.15	21.17	21.04
	1	14	21.09	21.19	21.04
	8	0	21.10	21.13	21.05
	8	3	21.12	21.14	21.03
	8	7	21.17	21.17	21.05
	15	0	20.16	20.16	20.04
64QAM	1	0	20.14	20.18	20.05
	1	7	20.13	20.15	20.02
	1	14	20.14	20.12	20.03
	8	0	20.16	20.18	20.03
	8	3	20.16	20.12	20.01
	8	7	20.09	20.11	20.07
	15	0	19.11	19.12	19.02

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	21.05	22.25	22.27	23.47	33.01
16QAM	20.04	21.19	21.26	22.41	33.01
64QAM	19.02	20.18	20.24	21.4	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 2, Channel Bandwidth: 3 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 18615	CH 18900	CH 19185
			1851.5 MHz	1880 MHz	1908.5 MHz
QPSK	1	0	22.25	22.26	22.14
	1	7	22.14	22.18	22.04
	1	14	22.13	22.14	22.08
	8	0	21.25	21.28	21.15
	8	3	21.18	21.18	21.11
	8	7	21.14	21.17	21.09
	15	0	21.18	21.24	21.09
16QAM	1	0	21.25	21.12	21.02
	1	7	21.15	21.11	21.05
	1	14	21.21	21.26	21.16
	8	0	20.14	20.28	20.07
	8	3	20.24	20.27	20.04
	8	7	20.26	20.12	20.11
	15	0	20.09	20.11	20.05
64QAM	1	0	20.13	20.24	20.16
	1	7	20.21	20.21	20.09
	1	14	20.19	20.24	20.16
	8	0	19.12	19.13	19.16
	8	3	19.13	19.28	19.14
	8	7	19.24	19.19	19.12
	15	0	19.13	19.29	19.02

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	21.09	22.26	22.31	23.48	33.01
16QAM	20.04	21.26	21.26	22.48	33.01
64QAM	19.02	20.24	20.24	21.46	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 2, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 18625	CH 18900	CH 19175
			1852.5 MHz	1880 MHz	1907.5 MHz
QPSK	1	0	22.26	22.24	22.12
	1	12	22.08	22.13	22.04
	1	24	22.12	22.17	22.06
	12	0	21.24	21.29	21.14
	12	6	21.18	21.22	21.11
	12	13	21.13	21.16	21.01
	25	0	21.18	21.18	21.07
16QAM	1	0	21.11	21.15	21.10
	1	12	21.21	21.24	21.11
	1	24	21.25	21.14	21.04
	12	0	20.10	20.26	20.01
	12	6	20.14	20.27	20.01
	12	13	20.11	20.11	20.03
	25	0	20.18	20.27	20.14
64QAM	1	0	20.22	20.22	20.14
	1	12	20.13	20.24	20.09
	1	24	20.24	20.26	20.04
	12	0	19.10	19.14	19.03
	12	6	19.27	19.21	19.02
	12	13	19.23	19.23	19.01
	25	0	19.12	19.20	19.04

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	21.01	22.26	22.23	23.48	33.01
16QAM	20.01	21.25	21.23	22.47	33.01
64QAM	19.01	20.26	20.23	21.48	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 2, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 18650	CH 18900	CH 19150
			1855 MHz	1880 MHz	1905 MHz
QPSK	1	0	22.22	22.24	22.12
	1	24	22.17	22.14	22.11
	1	49	22.11	22.15	22.06
	25	0	21.25	21.28	21.15
	25	12	21.19	21.18	21.11
	25	25	21.10	21.16	21.05
	50	0	21.21	21.22	21.06
16QAM	1	0	21.14	21.28	21.07
	1	24	21.15	21.20	21.06
	1	49	21.25	21.25	21.06
	25	0	20.17	20.18	20.07
	25	12	20.12	20.18	20.01
	25	25	20.18	20.28	20.12
	50	0	20.18	20.11	20.15
64QAM	1	0	20.12	20.23	20.05
	1	24	20.23	20.16	20.02
	1	49	20.18	20.13	20.06
	25	0	19.24	19.19	19.09
	25	12	19.22	19.19	19.14
	25	25	19.21	19.26	19.10
	50	0	19.20	19.22	19.09

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	21.05	22.24	22.27	23.46	33.01
16QAM	20.01	21.28	21.23	22.50	33.01
64QAM	19.09	20.23	20.31	21.45	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 2, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 18675	CH 18900	CH 19125
			1857.5 MHz	1880 MHz	1902.5 MHz
QPSK	1	0	22.22	22.27	22.14
	1	37	22.17	22.17	22.02
	1	74	22.19	22.17	22.01
	36	0	21.26	21.29	21.16
	36	19	21.21	21.22	21.08
	36	39	21.14	21.16	21.01
	75	0	21.18	21.20	21.07
16QAM	1	0	21.20	21.26	21.14
	1	37	21.23	21.17	21.02
	1	74	21.22	21.22	21.01
	36	0	20.18	20.20	20.16
	36	19	20.10	20.27	20.01
	36	39	20.26	20.27	20.08
	75	0	20.16	20.28	20.12
64QAM	1	0	20.10	20.21	20.02
	1	37	20.11	20.24	20.13
	1	74	20.11	20.23	20.07
	36	0	19.26	19.29	19.02
	36	19	19.14	19.11	19.05
	36	39	19.21	19.12	19.15
	75	0	19.15	19.18	19.07

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	21.01	22.27	22.23	23.49	33.01
16QAM	20.01	21.26	21.23	22.48	33.01
64QAM	19.02	20.24	20.24	21.46	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 2, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 18700	CH 18900	CH 19100
			1860 MHz	1880 MHz	1900 MHz
QPSK	1	0	22.32	22.34	22.20
	1	50	22.18	22.16	22.06
	1	99	22.14	22.21	22.05
	50	0	21.28	21.30	21.19
	50	25	21.26	21.23	21.13
	50	50	21.14	21.21	21.07
	100	0	21.22	21.25	21.09
16QAM	1	0	21.30	21.55	21.08
	1	50	21.21	21.28	21.11
	1	99	21.22	21.16	21.08
	50	0	20.13	20.41	20.01
	50	25	20.29	20.30	20.15
	50	50	20.15	20.29	20.12
	100	0	20.25	20.39	20.01
64QAM	1	0	20.16	21.39	20.08
	1	50	20.28	20.21	20.02
	1	99	20.14	20.20	20.15
	50	0	19.27	20.40	19.16
	50	25	19.18	19.32	19.09
	50	50	19.15	19.28	19.14
	100	0	19.23	20.38	19.03

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	21.00	22.34	22.22	23.56	33.01
16QAM	20.01	21.55	21.23	22.77	33.01
64QAM	19.03	21.39	20.25	22.61	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.5 LTE Band 4

LTE Band 4, Channel Bandwidth: 1.4 MHz

LTE Band 4 3M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 19957	CH 20175	CH 20393
			1710.7 MHz	1732.5 MHz	1754.3 MHz
QPSK	1	0	22.49	22.53	22.49
	1	7	22.37	22.42	22.44
	1	14	22.40	22.44	22.38
	8	0	22.39	22.41	22.42
	8	3	22.32	22.40	22.37
	8	7	22.34	22.38	22.39
	15	0	21.32	21.46	21.39
16QAM	1	0	21.38	21.44	21.42
	1	7	21.35	21.45	21.44
	1	14	21.40	21.47	21.43
	8	0	21.41	21.41	21.37
	8	3	21.35	21.43	21.44
	8	7	21.41	21.45	21.43
	15	0	20.41	20.43	20.36
64QAM	1	0	20.33	20.43	20.37
	1	7	20.41	20.43	20.36
	1	14	20.37	20.40	20.37
	8	0	20.35	20.40	20.37
	8	3	20.39	20.48	20.41
	8	7	20.35	20.41	20.41
	15	0	19.38	19.45	19.37

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	21.32	22.53	23.05	24.26	30
16QAM	20.36	21.47	22.09	23.2	30
64QAM	19.37	20.48	21.1	22.21	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 4, Channel Bandwidth: 3 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 19965	CH 20175	CH 20385
			1711.5 MHz	1732.5 MHz	1753.5 MHz
QPSK	1	0	22.47	22.54	22.49
	1	7	22.39	22.43	22.37
	1	14	22.40	22.46	22.43
	8	0	21.47	21.54	21.52
	8	3	21.40	21.53	21.47
	8	7	21.36	21.44	21.41
	15	0	21.44	21.52	21.49
16QAM	1	0	21.39	21.43	21.42
	1	7	21.37	21.41	21.45
	1	14	21.38	21.48	21.50
	8	0	20.46	20.43	20.45
	8	3	20.43	20.47	20.48
	8	7	20.50	20.56	20.40
	15	0	20.44	20.48	20.49
64QAM	1	0	20.47	20.45	20.42
	1	7	20.41	20.58	20.50
	1	14	20.50	20.41	20.44
	8	0	19.46	19.50	19.43
	8	3	19.39	19.48	19.37
	8	7	19.34	19.49	19.49
	15	0	19.36	19.45	19.37

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	21.36	22.54	23.09	24.27	30
16QAM	20.40	21.50	22.13	23.23	30
64QAM	19.34	20.58	21.07	22.31	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 4, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 19975	CH 20175	CH 20375
			1712.5 MHz	1732.5 MHz	1752.5 MHz
QPSK	1	0	22.47	22.57	22.55
	1	12	22.34	22.49	22.46
	1	24	22.39	22.42	22.43
	12	0	21.52	21.56	21.55
	12	6	21.42	21.49	21.49
	12	13	21.39	21.47	21.39
	25	0	21.47	21.53	21.47
16QAM	1	0	21.44	21.55	21.51
	1	12	21.43	21.52	21.44
	1	24	21.44	21.52	21.54
	12	0	20.40	20.46	20.44
	12	6	20.44	20.59	20.43
	12	13	20.48	20.44	20.46
	25	0	20.41	20.50	20.38
64QAM	1	0	20.44	20.51	20.39
	1	12	20.39	20.55	20.52
	1	24	20.34	20.53	20.56
	12	0	19.43	19.59	19.55
	12	6	19.36	19.46	19.51
	12	13	19.49	19.55	19.51
	25	0	19.48	19.44	19.55

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	21.39	22.57	23.12	24.30	30
16QAM	20.38	21.55	22.11	23.28	30
64QAM	19.36	20.56	21.09	22.29	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 4, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 20000	CH 20175	CH 20350
			1715 MHz	1732.5 MHz	1750 MHz
QPSK	1	0	22.46	22.56	22.54
	1	24	22.40	22.42	22.38
	1	49	22.44	22.50	22.40
	25	0	21.52	21.57	21.54
	25	12	21.48	21.53	21.48
	25	25	21.38	21.47	21.42
	50	0	21.46	21.54	21.49
16QAM	1	0	21.52	21.53	21.46
	1	24	21.43	21.54	21.48
	1	49	21.51	21.46	21.53
	25	0	20.48	20.44	20.51
	25	12	20.41	20.47	20.50
	25	25	20.43	20.45	20.43
	50	0	20.51	20.50	20.43
64QAM	1	0	20.43	20.59	20.49
	1	24	20.48	20.53	20.40
	1	49	20.38	20.50	20.41
	25	0	19.41	19.42	19.50
	25	12	19.35	19.59	19.46
	25	25	19.36	19.57	19.54
	50	0	19.35	19.46	19.47

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	21.38	22.56	23.11	24.29	30
16QAM	20.41	21.54	22.14	23.27	30
64QAM	19.35	20.59	21.08	22.32	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 4, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 20025	CH 20175	CH 20325
			1717.5 MHz	1732.5 MHz	1747.5 MHz
QPSK	1	0	22.47	22.58	22.53
	1	37	22.43	22.49	22.43
	1	74	22.42	22.44	22.44
	36	0	21.49	21.58	21.55
	36	19	21.47	21.53	21.52
	36	39	21.36	21.44	21.40
	75	0	21.46	21.53	21.52
16QAM	1	0	21.48	21.46	21.43
	1	37	21.44	21.56	21.47
	1	74	21.37	21.60	21.51
	36	0	20.42	20.49	20.56
	36	19	20.52	20.55	20.52
	36	39	20.47	20.43	20.45
	75	0	20.37	20.48	20.49
64QAM	1	0	20.40	20.42	20.50
	1	37	20.41	20.46	20.42
	1	74	20.51	20.49	20.50
	36	0	19.51	19.42	19.45
	36	19	19.39	19.57	19.51
	36	39	19.41	19.51	19.40
	75	0	19.43	19.45	19.41

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	21.36	22.58	23.09	24.31	30
16QAM	20.37	21.60	22.10	23.33	30
64QAM	19.39	20.51	21.12	22.24	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 4, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 20050	CH 20175	CH 20300
			1720 MHz	1732.5 MHz	1745 MHz
QPSK	1	0	22.58	22.65	22.63
	1	50	22.45	22.56	22.47
	1	99	22.47	22.49	22.49
	50	0	21.56	21.73	21.59
	50	25	21.50	21.54	21.53
	50	50	21.44	21.48	21.48
	100	0	21.47	21.69	21.51
16QAM	1	0	21.39	22.11	21.54
	1	50	21.49	21.89	21.49
	1	99	21.49	21.59	21.52
	50	0	20.40	20.78	20.53
	50	25	20.45	20.59	20.48
	50	50	20.45	20.47	20.51
	100	0	20.43	20.73	20.49
64QAM	1	0	20.53	21.84	20.52
	1	50	20.47	20.47	20.53
	1	99	20.53	20.54	20.59
	50	0	19.56	20.74	19.45
	50	25	19.55	19.47	19.47
	50	50	19.43	19.60	19.56
	100	0	19.46	20.70	19.49

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	21.44	22.65	23.17	24.38	30
16QAM	20.40	22.11	22.13	23.84	30
64QAM	19.43	21.84	21.16	23.57	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.6 LTE Band 5

LTE Band 5, Channel Bandwidth: 1.4 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 20407	CH 20525	CH 20643
			824.7 MHz	836.5 MHz	848.3 MHz
QPSK	1	0	22.97	23.02	23.08
	1	2	22.92	22.97	23.04
	1	5	22.84	22.94	23.04
	3	0	22.91	22.98	23.00
	3	1	22.86	22.92	22.96
	3	3	22.85	22.93	22.99
	6	0	21.86	21.97	22.01
16QAM	1	0	21.92	21.99	21.98
	1	2	21.86	21.96	22.01
	1	5	21.88	21.94	21.98
	3	0	21.87	21.98	22.00
	3	1	21.92	21.95	21.97
	3	3	21.90	21.93	21.98
	6	0	20.84	20.98	21.04
64QAM	1	0	20.87	20.97	21.00
	1	2	20.90	20.96	21.03
	1	5	20.91	20.92	20.97
	3	0	20.84	20.92	20.98
	3	1	20.84	20.96	20.96
	3	3	20.86	20.98	20.96
	6	0	19.92	19.92	20.00

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	21.86	23.08	20.48	21.70	38.45
16QAM	20.84	22.01	19.46	20.63	38.45
64QAM	19.92	21.03	18.54	19.65	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 5, Channel Bandwidth: 3 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 20415	CH 20525	CH 20635
			825.5 MHz	836.5 MHz	847.5 MHz
QPSK	1	0	23.00	23.03	23.10
	1	7	22.87	22.92	23.04
	1	14	22.84	22.92	22.99
	8	0	21.99	22.08	22.13
	8	3	21.94	22.01	22.09
	8	7	21.85	21.96	22.02
	15	0	21.91	22.01	22.08
16QAM	1	0	21.92	22.04	22.06
	1	7	21.85	22.09	21.97
	1	14	22.01	22.08	22.07
	8	0	21.02	20.94	20.98
	8	3	20.85	21.00	21.04
	8	7	20.98	20.96	21.06
	15	0	20.91	21.09	21.11
64QAM	1	0	20.99	21.05	21.03
	1	7	20.99	20.94	20.98
	1	14	20.98	21.07	21.13
	8	0	19.85	20.00	19.97
	8	3	19.94	19.97	19.97
	8	7	19.90	19.96	20.11
	15	0	19.90	20.06	19.98

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	21.85	23.10	20.47	21.72	38.45
16QAM	20.85	22.09	19.47	20.71	38.45
64QAM	19.85	21.13	18.47	19.75	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 5, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 20425	CH 20525	CH 20625
			826.5 MHz	836.5 MHz	846.5 MHz
QPSK	1	0	23.04	23.14	23.17
	1	12	22.91	23.00	23.09
	1	24	22.90	22.97	23.07
	12	0	22.03	22.11	22.16
	12	6	21.96	22.05	22.09
	12	13	21.91	21.97	22.02
	25	0	21.93	22.05	22.10
16QAM	1	0	22.02	22.06	22.12
	1	12	21.95	22.08	22.13
	1	24	21.98	22.06	21.99
	12	0	20.86	21.01	21.15
	12	6	20.86	21.00	21.04
	12	13	20.92	20.99	21.02
	25	0	20.95	21.11	21.01
64QAM	1	0	20.86	21.01	21.08
	1	12	21.02	21.05	21.11
	1	24	20.91	21.05	21.01
	12	0	19.97	20.00	20.01
	12	6	19.90	19.99	20.06
	12	13	19.91	20.01	19.99
	25	0	19.92	20.01	20.10

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	21.91	23.17	20.53	21.79	38.45
16QAM	20.86	22.13	19.48	20.75	38.45
64QAM	19.90	21.11	18.52	19.73	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 5, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 20450	CH 20525	CH 20600
			829 MHz	836.5 MHz	844 MHz
QPSK	1	0	23.05	23.16	23.18
	1	24	22.93	23.09	23.12
	1	49	22.89	23.06	23.08
	25	0	22.06	22.15	22.18
	25	12	22.02	22.12	22.11
	25	25	21.93	22.01	22.09
	50	0	21.99	22.07	22.15
16QAM	1	0	21.90	22.03	22.09
	1	24	22.02	22.12	22.19
	1	49	21.91	22.12	22.07
	25	0	20.89	21.13	21.11
	25	12	20.94	21.06	21.16
	25	25	21.00	21.01	21.13
	50	0	20.96	21.15	21.05
64QAM	1	0	20.97	21.03	21.11
	1	24	20.97	21.12	21.03
	1	49	20.89	21.13	21.13
	25	0	19.94	20.12	20.12
	25	12	20.06	20.01	20.15
	25	25	20.01	20.06	20.13
	50	0	20.04	20.12	20.16

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	21.93	23.18	20.55	21.80	38.45
16QAM	20.89	22.19	19.51	20.81	38.45
64QAM	19.94	21.13	18.56	19.75	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.7 LTE Band 5B

LTE Band 5B

Configure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CAActive (dBm)	
																Total	
Intra Band Contiguous	5B	5	10	QPSK10M	1	0	20450	829	5	10	QPSK10M	1	49	20549	838.9	13.46	
					1	49						1	0			22.83	
		5	10	QPSK10M	1	0	20476	831.6	5	10	QPSK10M	1	49	20575	841.5	13.45	
					1	49						50	0			23.02	
		5	10	QPSK10M	1	0	20501	834.1	5	10	QPSK10M	1	49	20600	844	13.52	
					1	49						1	0			23.07	
	5B	5	10	QPSK10M	1	0	20450	829	5	5	QPSK5M	1	24	20522	836.2	13.38	
					1	49						1	0			22.79	
		5	10	QPSK10M	1	0	20500	834	5	5	QPSK5M	1	24	20572	841.2	13.36	
					1	49						1	0			22.91	
		5	10	QPSK10M	1	0	20550	839	5	5	QPSK5M	1	24	20622	846.2	13.39	
					1	49						1	0			23.00	
	5B	5	5	QPSK5M	1	0	20428	826.8	5	10	QPSK10M	1	49	20500	834	13.41	
					1	24						1	0			22.74	
		5	5	QPSK5M	1	0	20478	831.8	5	10	QPSK10M	1	49	20550	839	13.39	
					1	24						1	0			22.96	
		5	5	QPSK5M	1	0	20528	836.8	5	10	QPSK10M	1	49	20600	844	13.43	
					1	24						1	0			22.99	
	5B	5	5	QPSK5M	1	0	20425	826.5	5	3	QPSK3M	1	14	20464	830.4	13.38	
					1	24						1	0			22.77	
		5	5	QPSK5M	1	0	20510	835	5	3	QPSK3M	1	14	20549	838.9	13.31	
					1	24						1	0			22.94	
		5	5	QPSK5M	1	0	20595	843.5	5	3	QPSK3M	1	14	20634	847.4	13.44	
					1	24						1	0			23.00	
	5B	5	3	QPSK3M	1	0	20416	825.6	5	5	QPSK5M	1	24	20455	829.5	13.38	
					1	14						1	0			22.73	
		5	3	QPSK3M	1	0	20501	834.1	5	5	QPSK5M	1	24	20540	838	13.38	
					1	14						1	0			22.94	
		5	3	QPSK3M	1	0	20586	842.6	5	5	QPSK5M	1	24	20625	846.5	13.45	
					1	14						1	0			22.98	

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CAActive (dBm)
																Total
Intra Band Contiguous	5B	5	10	16QAM10M	1	0	20450	829	5	10	16QAM10M	1	49	20549	838.9	12.41
					1	49						1	0			21.78
		5	10	16QAM10M	1	0	20476	831.6	5	10	16QAM10M	1	49	20575	841.5	12.40
					1	49						50	0			21.95
		5	10	16QAM10M	1	0	20501	834.1	5	10	16QAM10M	1	49	20600	844	12.47
					1	49						1	0			22.01
	5B	5	10	16QAM10M	1	0	20450	829	5	5	16QAM5M	1	24	20522	836.2	12.37
					1	49						1	0			21.67
		5	10	16QAM10M	1	0	20500	834	5	5	16QAM5M	1	24	20572	841.2	12.35
					1	49						1	0			21.93
		5	10	16QAM10M	1	0	20550	839	5	5	16QAM5M	1	24	20622	846.2	12.39
					1	49						1	0			21.96
	5B	5	5	16QAM5M	1	0	20428	826.8	5	10	16QAM10M	1	49	20500	834	12.37
					1	24						1	0			21.70
		5	5	16QAM5M	1	0	20478	831.8	5	10	16QAM10M	1	49	20550	839	12.30
					1	24						1	0			21.90
		5	5	16QAM5M	1	0	20528	836.8	5	10	16QAM10M	1	49	20600	844	12.39
					1	24						1	0			21.91
	5B	5	5	16QAM5M	1	0	20425	826.5	5	3	16QAM3M	1	14	20464	830.4	12.37
					1	24						1	0			21.71
		5	5	16QAM5M	1	0	20510	835	5	3	16QAM3M	1	14	20549	838.9	12.33
					1	24						1	0			21.90
		5	5	16QAM5M	1	0	20595	843.5	5	3	16QAM3M	1	14	20634	847.4	12.41
					1	24						1	0			21.86
	5B	5	3	16QAM3M	1	0	20416	825.6	5	5	16QAM5M	1	24	20455	829.5	12.30
					1	14						1	0			21.68
		5	3	16QAM3M	1	0	20501	834.1	5	5	16QAM5M	1	24	20540	838	12.28
					1	14						1	0			21.89
		5	3	16QAM3M	1	0	20586	842.6	5	5	16QAM5M	1	24	20625	846.5	12.42
					1	14						1	0			21.91

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CAActive (dBm)
																Total
Intra Band Contiguous	5B	5	10	64QAM10M	1	0	20450	829	5	10	64QAM10M	1	49	20549	838.9	10.89
					1	49						1	0			20.34
		5	10	64QAM10M	1	0	20476	831.6	5	10	64QAM10M	1	49	20575	841.5	10.99
					1	49						50	0			20.49
		5	10	64QAM10M	1	0	20501	834.1	5	10	64QAM10M	1	49	20600	844	10.99
					1	49						1	0			20.58
	5B	5	10	64QAM10M	1	0	20450	829	5	5	64QAM5M	1	24	20522	836.2	10.79
					1	49						1	0			20.23
		5	10	64QAM10M	1	0	20500	834	5	5	64QAM5M	1	24	20572	841.2	10.95
					1	49						1	0			20.40
		5	10	64QAM10M	1	0	20550	839	5	5	64QAM5M	1	24	20622	846.2	10.92
					1	49						1	0			20.48
	5B	5	5	64QAM5M	1	0	20428	826.8	5	10	64QAM10M	1	49	20500	834	10.86
					1	24						1	0			20.24
		5	5	64QAM5M	1	0	20478	831.8	5	10	64QAM10M	1	49	20550	839	10.90
					1	24						1	0			20.44
		5	5	64QAM5M	1	0	20528	836.8	5	10	64QAM10M	1	49	20600	844	10.92
					1	24						1	0			20.46
	5B	5	5	64QAM5M	1	0	20425	826.5	5	3	64QAM3M	1	14	20464	830.4	10.81
					1	24						1	0			20.25
		5	5	64QAM5M	1	0	20510	835	5	3	64QAM3M	1	14	20549	838.9	10.93
					1	24						1	0			20.44
		5	5	64QAM5M	1	0	20595	843.5	5	3	64QAM3M	1	14	20634	847.4	10.88
					1	24						1	0			20.52
	5B	5	3	64QAM3M	1	0	20416	825.6	5	5	64QAM5M	1	24	20455	829.5	10.82
					1	14						1	0			20.27
		5	3	64QAM3M	1	0	20501	834.1	5	5	64QAM5M	1	24	20540	838	10.90
					1	14						1	0			20.42
		5	3	64QAM3M	1	0	20586	842.6	5	5	64QAM5M	1	24	20625	846.5	10.91
					1	14						1	0			20.46

Output Power

Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	13.31	23.07	11.93	21.69	38.45
16QAM	12.28	22.01	10.90	20.63	38.45
64QAM	10.79	20.58	9.41	19.20	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.8 LTE Band 7

LTE Band 7, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 20775	CH 21100	CH 21425
			2502.5 MHz	2535 MHz	2567.5 MHz
QPSK	1	0	22.75	22.88	23.17
	1	12	22.71	22.77	23.01
	1	24	22.71	22.78	23.01
	12	0	21.79	21.89	22.18
	12	6	21.76	21.82	22.11
	12	13	21.64	21.76	22.04
	25	0	21.70	21.81	22.12
16QAM	1	0	21.69	21.84	22.15
	1	12	21.73	21.81	22.07
	1	24	21.79	21.82	22.20
	12	0	20.75	20.77	21.19
	12	6	20.71	20.78	21.09
	12	13	20.73	20.91	21.05
	25	0	20.70	20.87	21.19
64QAM	1	0	20.66	20.92	21.09
	1	12	20.81	20.77	21.06
	1	24	20.65	20.77	21.14
	12	0	19.71	19.84	20.05
	12	6	19.81	19.76	20.18
	12	13	19.80	19.90	20.03
	25	0	19.77	19.83	20.11

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	21.64	23.17	23.67	25.20	33.01
16QAM	20.70	22.20	22.73	24.23	33.01
64QAM	19.71	21.14	21.74	23.17	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 7, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 20800	CH 21100	CH 21400
			2505 MHz	2535 MHz	2565 MHz
QPSK	1	0	22.78	22.88	23.15
	1	24	22.68	22.84	23.04
	1	49	22.64	22.75	23.06
	25	0	21.79	21.93	22.19
	25	12	21.73	21.84	22.16
	25	25	21.67	21.79	22.07
	50	0	21.77	21.87	22.11
16QAM	1	0	21.73	21.92	22.03
	1	24	21.64	21.85	22.15
	1	49	21.66	21.81	22.04
	25	0	20.76	20.87	21.20
	25	12	20.70	20.90	21.10
	25	25	20.80	20.92	21.16
	50	0	20.74	20.90	21.05
64QAM	1	0	20.77	20.80	21.14
	1	24	20.65	20.82	21.11
	1	49	20.72	20.85	21.12
	25	0	19.64	19.87	20.16
	25	12	19.71	19.92	20.04
	25	25	19.65	19.91	20.03
	50	0	19.72	19.77	20.05

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	21.67	23.15	23.70	25.18	33.01
16QAM	20.70	22.15	22.73	24.18	33.01
64QAM	19.64	21.14	21.67	23.17	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 7, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 20825	CH 21100	CH 21375
			2507.5 MHz	2535 MHz	2562.5 MHz
QPSK	1	0	22.84	22.94	23.20
	1	37	22.71	22.78	23.04
	1	74	22.67	22.75	23.06
	36	0	21.80	21.93	22.20
	36	19	21.73	21.89	22.13
	36	39	21.68	21.79	22.09
	75	0	21.75	21.85	22.14
16QAM	1	0	21.65	21.87	22.09
	1	37	21.81	21.77	22.17
	1	74	21.65	21.93	22.10
	36	0	20.73	20.93	21.13
	36	19	20.78	20.87	21.08
	36	39	20.72	20.86	21.10
	75	0	20.75	20.86	21.13
64QAM	1	0	20.70	20.87	21.12
	1	37	20.70	20.76	21.10
	1	74	20.70	20.81	21.11
	36	0	19.78	19.91	20.11
	36	19	19.73	19.93	20.17
	36	39	19.82	19.92	20.14
	75	0	19.77	19.78	20.15

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	21.68	23.20	23.71	25.23	33.01
16QAM	20.72	22.17	22.75	24.20	33.01
64QAM	19.73	21.12	21.76	23.15	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 7, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 20850	CH 21100	CH 21350
			2510 MHz	2535 MHz	2560 MHz
QPSK	1	0	23.19	23.22	23.38
	1	50	22.78	22.83	23.16
	1	99	22.71	22.87	23.09
	50	0	21.85	21.96	22.22
	50	25	21.78	21.93	22.19
	50	50	21.75	21.86	22.15
	100	0	21.79	21.89	22.16
16QAM	1	0	21.80	21.93	22.21
	1	50	21.71	21.83	22.18
	1	99	21.80	21.87	22.25
	50	0	20.84	20.85	21.15
	50	25	20.78	20.81	21.14
	50	50	20.85	20.81	21.15
	100	0	20.70	20.87	21.15
64QAM	1	0	20.72	20.81	21.16
	1	50	20.72	20.82	21.23
	1	99	20.78	20.88	21.14
	50	0	19.85	19.82	20.12
	50	25	19.82	19.82	20.10
	50	50	19.80	19.82	20.12
	100	0	19.77	19.92	20.16

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	21.75	23.38	23.78	25.41	33.01
16QAM	20.70	22.25	22.73	24.28	33.01
64QAM	19.77	21.23	21.80	23.26	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.9 LTE Band 7C

LTE Band 7C

Confugure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)
																Total
Intra Band Contiguous	7C	7	20	QPSK20M	1	0	20850	2510	7	20	QPSK20M	1	99	21048	2529.8	15.31
					1	99						1	0			22.65
		7	20	QPSK20M	1	0	21001	2525.1	7	20	QPSK20M	1	99	21199	2544.9	15.33
					1	99						1	0			22.82
		7	20	QPSK20M	1	0	21152	2540.2	7	20	QPSK20M	1	99	21350	2560	15.35
					1	99						1	0			22.85
	7C	7	20	QPSK20M	1	0	20850	2510	7	15	QPSK15M	1	74	21021	2527.1	15.19
					1	99						1	0			22.56
		7	20	QPSK20M	1	0	21026	2527.6	7	15	QPSK15M	1	74	21197	2544.7	15.21
					1	99						1	0			22.79
		7	20	QPSK20M	1	0	21201	2545.1	7	15	QPSK15M	1	74	21372	2562.2	15.30
					1	99						1	0			22.77
	7C	7	15	QPSK15M	1	0	20828	2507.8	7	20	QPSK20M	1	99	20999	2524.9	15.24
					1	74						1	0			22.55
		7	15	QPSK15M	1	0	21003	2525.3	7	20	QPSK20M	1	99	21174	2542.4	15.26
					1	74						1	0			22.73
		7	15	QPSK15M	1	0	21179	2542.9	7	20	QPSK20M	1	99	21350	2560	15.32
					1	74						1	0			22.75
	7C	7	20	QPSK20M	1	0	20850	2510	7	10	QPSK10M	1	49	20994	2524.4	15.22
					1	99						1	0			22.53
		7	20	QPSK20M	1	0	21051	2530.1	7	10	QPSK10M	1	49	21195	2544.5	15.22
					1	99						1	0			22.74
		7	20	QPSK20M	1	0	21251	2550.1	7	10	QPSK10M	1	49	21395	2564.5	15.26
					1	99						1	0			22.80
	7C	7	10	QPSK10M	1	0	20805	2505.5	7	20	QPSK20M	1	99	20949	2519.9	15.25
					1	49						1	0			22.55
		7	10	QPSK10M	1	0	21006	2525.6	7	20	QPSK20M	1	99	21150	2540	15.20
					1	49						1	0			22.77
		7	10	QPSK10M	1	0	21206	2545.6	7	20	QPSK20M	1	99	21350	2560	15.24
					1	49						1	0			22.76
	7C	7	15	QPSK15M	1	0	20825	2507.5	7	15	QPSK15M	1	74	20975	2522.5	15.18
					1	74						1	0			22.56
		7	15	QPSK15M	1	0	21025	2527.5	7	15	QPSK15M	1	74	21175	2542.5	15.23
					1	74						1	0			22.77
		7	15	QPSK15M	1	0	21225	2547.5	7	15	QPSK15M	1	74	21375	2562.5	15.24
					1	74						1	0			22.74
	7C	7	15	QPSK15M	1	0	20825	2507.5	7	10	QPSK10M	1	49	20945	2519.5	15.28
					1	74						1	0			22.57
		7	15	QPSK15M	1	0	21051	2530.1	7	10	QPSK10M	1	49	21171	2542.1	15.27
					1	74						1	0			22.71
		7	15	QPSK15M	1	0	21277	2552.7	7	10	QPSK10M	1	49	21397	2564.7	15.28
					1	74						1	0			22.81

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)
																Total
Intra Band Contiguous	7C	7	20	16QAM20M	1	0	20850	2510	7	20	16QAM20M	1	99	21048	2529.8	14.27
					1	99						1	0			21.58
		7	20	16QAM20M	1	0	21001	2525.1	7	20	16QAM20M	1	99	21199	2544.9	14.28
					1	99						1	0			21.79
		7	20	16QAM20M	1	0	21152	2540.2	7	20	16QAM20M	1	99	21350	2560	14.29
					1	99						1	0			21.81
	7C	7	20	16QAM20M	1	0	20850	2510	7	15	16QAM15M	1	74	21021	2527.1	14.18
					1	99						1	0			21.47
		7	20	16QAM20M	1	0	21026	2527.6	7	15	16QAM15M	1	74	21197	2544.7	14.25
					1	99						1	0			21.67
		7	20	16QAM20M	1	0	21201	2545.1	7	15	16QAM15M	1	74	21372	2562.2	14.22
					1	99						1	0			21.75
	7C	7	15	16QAM15M	1	0	20828	2507.8	7	20	16QAM20M	1	99	20999	2524.9	14.23
					1	74						1	0			21.52
		7	15	16QAM15M	1	0	21003	2525.3	7	20	16QAM20M	1	99	21174	2542.4	14.21
					1	74						1	0			21.70
		7	15	16QAM15M	1	0	21179	2542.9	7	20	16QAM20M	1	99	21350	2560	14.21
					1	74						1	0			21.72
	7C	7	20	16QAM20M	1	0	20850	2510	7	10	16QAM10M	1	49	20994	2524.4	14.18
					1	99						1	0			21.49
		7	20	16QAM20M	1	0	21051	2530.1	7	10	16QAM10M	1	49	21195	2544.5	14.22
					1	99						1	0			21.75
		7	20	16QAM20M	1	0	21251	2550.1	7	10	16QAM10M	1	49	21395	2564.5	14.25
					1	99						1	0			21.74
	7C	7	10	16QAM10M	1	0	20805	2505.5	7	20	16QAM20M	1	99	20949	2519.9	14.23
					1	49						1	0			21.56
		7	10	16QAM10M	1	0	21006	2525.6	7	20	16QAM20M	1	99	21150	2540	14.23
					1	49						1	0			21.74
		7	10	16QAM10M	1	0	21206	2545.6	7	20	16QAM20M	1	99	21350	2560	14.20
					1	49						1	0			21.73
	7C	7	15	16QAM15M	1	0	20825	2507.5	7	15	16QAM15M	1	74	20975	2522.5	14.19
					1	74						1	0			21.52
		7	15	16QAM15M	1	0	21025	2527.5	7	15	16QAM15M	1	74	21175	2542.5	14.26
					1	74						1	0			21.72
		7	15	16QAM15M	1	0	21225	2547.5	7	15	16QAM15M	1	74	21375	2562.5	14.19
					1	74						1	0			21.77
	7C	7	15	16QAM15M	1	0	20825	2507.5	7	10	16QAM10M	1	49	20945	2519.5	14.14
					1	74						1	0			21.52
		7	15	16QAM15M	1	0	21051	2530.1	7	10	16QAM10M	1	49	21171	2542.1	14.25
					1	74						1	0			21.71
		7	15	16QAM15M	1	0	21277	2552.7	7	10	16QAM10M	1	49	21397	2564.7	14.27
					1	74						1	0			21.75

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)
																Total
Intra Band Contiguous	7C	7	20	64QAM20M	1	0	20850	2510	7	20	64QAM20M	1	99	21048	2529.8	12.86
					1	99						1	0			20.15
		7	20	64QAM20M	1	0	21001	2525.1	7	20	64QAM20M	1	99	21199	2544.9	12.80
					1	99						1	0			20.32
		7	20	64QAM20M	1	0	21152	2540.2	7	20	64QAM20M	1	99	21350	2560	12.81
					1	99						1	0			20.34
	7C	7	20	64QAM20M	1	0	20850	2510	7	15	64QAM15M	1	74	21021	2527.1	12.83
					1	99						1	0			20.05
		7	20	64QAM20M	1	0	21026	2527.6	7	15	64QAM15M	1	74	21197	2544.7	12.72
					1	99						1	0			20.26
		7	20	64QAM20M	1	0	21201	2545.1	7	15	64QAM15M	1	74	21372	2562.2	12.74
					1	99						1	0			20.30
	7C	7	15	64QAM15M	1	0	20828	2507.8	7	20	64QAM20M	1	99	20999	2524.9	12.74
					1	74						1	0			20.05
		7	15	64QAM15M	1	0	21003	2525.3	7	20	64QAM20M	1	99	21174	2542.4	12.76
					1	74						1	0			20.29
		7	15	64QAM15M	1	0	21179	2542.9	7	20	64QAM20M	1	99	21350	2560	12.71
					1	74						1	0			20.27
	7C	7	20	64QAM20M	1	0	20850	2510	7	10	64QAM10M	1	49	20994	2524.4	12.78
					1	99						1	0			20.12
		7	20	64QAM20M	1	0	21051	2530.1	7	10	64QAM10M	1	49	21195	2544.5	12.74
					1	99						1	0			20.21
		7	20	64QAM20M	1	0	21251	2550.1	7	10	64QAM10M	1	49	21395	2564.5	12.75
					1	99						1	0			20.28
	7C	7	10	64QAM10M	1	0	20805	2505.5	7	20	64QAM20M	1	99	20949	2519.9	12.77
					1	49						1	0			20.10
		7	10	64QAM10M	1	0	21006	2525.6	7	20	64QAM20M	1	99	21150	2540	12.68
					1	49						1	0			20.29
		7	10	64QAM10M	1	0	21206	2545.6	7	20	64QAM20M	1	99	21350	2560	12.72
					1	49						1	0			20.21
	7C	7	15	64QAM15M	1	0	20825	2507.5	7	15	64QAM15M	1	74	20975	2522.5	12.75
					1	74						1	0			20.08
		7	15	64QAM15M	1	0	21025	2527.5	7	15	64QAM15M	1	74	21175	2542.5	12.71
					1	74						1	0			20.23
		7	15	64QAM15M	1	0	21225	2547.5	7	15	64QAM15M	1	74	21375	2562.5	12.78
					1	74						1	0			20.26
	7C	7	15	64QAM15M	1	0	20825	2507.5	7	10	64QAM10M	1	49	20945	2519.5	12.81
					1	74						1	0			20.07
		7	15	64QAM15M	1	0	21051	2530.1	7	10	64QAM10M	1	49	21171	2542.1	12.71
					1	74						1	0			20.28
		7	15	64QAM15M	1	0	21277	2552.7	7	10	64QAM10M	1	49	21397	2564.7	12.73
					1	74						1	0			20.26

Output Power

Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	15.18	22.85	17.21	24.88	33.01
16QAM	14.14	21.81	16.17	23.84	33.01
64QAM	12.68	20.34	14.71	22.37	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.10 LTE Band 12

LTE Band 12, Channel Bandwidth: 1.4 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 23017	CH 23095	CH 23173
			699.7 MHz	707.5 MHz	715.3 MHz
QPSK	1	0	22.75	22.82	23.03
	1	2	22.64	22.72	23.01
	1	5	22.62	22.76	23.00
	3	0	22.67	22.77	23.02
	3	1	22.60	22.72	22.92
	3	3	22.62	22.74	22.96
	6	0	21.67	21.78	21.94
16QAM	1	0	21.61	21.77	21.94
	1	2	21.66	21.75	22.00
	1	5	21.68	21.74	21.94
	3	0	21.68	21.80	21.93
	3	1	21.69	21.76	21.95
	3	3	21.65	21.75	21.97
	6	0	20.68	20.78	20.96
64QAM	1	0	20.64	20.75	21.00
	1	2	20.62	20.79	20.92
	1	5	20.68	20.80	20.96
	3	0	20.64	20.73	20.94
	3	1	20.66	20.73	20.92
	3	3	20.68	20.77	20.98
	6	0	19.64	19.76	19.93

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	21.67	23.03	18.39	19.75	34.77
16QAM	20.68	22.00	17.40	18.72	34.77
64QAM	19.64	21.00	16.36	17.72	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 12, Channel Bandwidth: 3 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 23025	CH 23095	CH 23165
			700.5 MHz	707.5 MHz	714.5 MHz
QPSK	1	0	22.80	22.83	23.05
	1	7	22.68	22.78	23.01
	1	14	22.60	22.71	22.99
	8	0	21.77	21.90	22.06
	8	3	21.72	21.84	21.99
	8	7	21.65	21.78	21.95
	15	0	21.69	21.85	22.02
16QAM	1	0	21.79	21.83	21.96
	1	7	21.79	21.81	22.10
	1	14	21.68	21.79	21.99
	8	0	20.75	20.73	21.07
	8	3	20.69	20.78	21.10
	8	7	20.65	20.77	21.02
	15	0	20.76	20.81	21.10
64QAM	1	0	20.63	20.74	21.04
	1	7	20.62	20.73	21.00
	1	14	20.75	20.90	21.08
	8	0	19.79	19.76	20.01
	8	3	19.76	19.72	19.98
	8	7	19.75	19.73	19.97
	15	0	19.76	19.79	19.97

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	21.65	23.05	18.37	19.77	34.77
16QAM	20.65	22.10	17.37	18.82	34.77
64QAM	19.72	21.08	16.44	17.80	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 12, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 23035	CH 23095	CH 23155
			701.5 MHz	707.5 MHz	713.5 MHz
QPSK	1	0	22.77	22.87	23.03
	1	12	22.68	22.79	22.97
	1	24	22.70	22.74	22.96
	12	0	21.75	21.89	22.06
	12	6	21.69	21.84	22.00
	12	13	21.62	21.77	21.97
	25	0	21.73	21.80	22.04
16QAM	1	0	21.76	21.89	22.07
	1	12	21.64	21.90	22.07
	1	24	21.64	21.81	22.10
	12	0	20.78	20.77	20.93
	12	6	20.63	20.76	21.05
	12	13	20.62	20.73	20.92
	25	0	20.71	20.75	21.07
64QAM	1	0	20.75	20.75	20.94
	1	12	20.79	20.76	21.07
	1	24	20.64	20.75	21.04
	12	0	19.78	19.88	20.02
	12	6	19.71	19.76	20.05
	12	13	19.74	19.73	19.97
	25	0	19.67	19.73	19.98

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	21.62	23.03	18.34	19.75	34.77
16QAM	20.62	22.10	17.34	18.82	34.77
64QAM	19.67	21.07	16.39	17.79	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 12, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 23060	CH 23095	CH 23130
			704 MHz	707.5 MHz	711 MHz
QPSK	1	0	22.85	22.96	23.16
	1	24	22.65	22.79	23.07
	1	49	22.73	22.85	23.03
	25	0	21.82	21.91	22.17
	25	12	21.75	21.88	22.07
	25	25	21.67	21.80	21.98
	50	0	21.75	21.84	22.16
16QAM	1	0	21.83	21.88	22.31
	1	24	21.77	21.77	22.13
	1	49	21.76	21.92	22.15
	25	0	20.79	20.95	21.20
	25	12	20.78	20.79	21.05
	25	25	20.69	20.95	21.03
	50	0	20.75	20.95	21.15
64QAM	1	0	20.69	20.86	21.12
	1	24	20.66	20.79	21.12
	1	49	20.77	20.78	21.06
	25	0	19.75	19.95	20.09
	25	12	19.83	19.87	19.98
	25	25	19.78	19.88	20.06
	50	0	19.71	19.89	20.05

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	21.67	23.16	18.39	19.88	34.77
16QAM	20.69	22.31	17.41	19.03	34.77
64QAM	19.71	21.12	16.43	17.84	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.11 LTE Band 13

LTE Band 13, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 23205	CH 23230	CH 23255
			779.5 MHz	782 MHz	784.5 MHz
QPSK	1	0	22.89	22.93	22.76
	1	12	22.79	22.83	22.64
	1	24	22.76	22.80	22.71
	12	0	21.87	21.91	21.79
	12	6	21.79	21.86	21.73
	12	13	21.71	21.77	21.69
	25	0	21.78	21.86	21.71
16QAM	1	0	21.80	21.83	21.65
	1	12	21.79	21.83	21.68
	1	24	21.73	21.79	21.64
	12	0	20.87	20.82	20.66
	12	6	20.77	20.93	20.78
	12	13	20.75	20.92	20.78
	25	0	20.74	20.90	20.68
64QAM	1	0	20.71	20.93	20.72
	1	12	20.81	20.87	20.79
	1	24	20.81	20.94	20.75
	12	0	19.82	19.78	19.78
	12	6	19.87	19.89	19.74
	12	13	19.83	19.76	19.75
	25	0	19.81	19.89	19.69

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	21.69	22.93	19.03	20.27	34.77
16QAM	20.66	21.83	18.00	19.17	34.77
64QAM	19.69	20.94	17.03	18.28	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 13, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 23230
			782 MHz
QPSK	1	0	22.98
	1	24	22.84
	1	49	22.8
	25	0	21.95
	25	12	21.87
	25	25	21.85
	50	0	21.92
16QAM	1	0	21.80
	1	24	21.92
	1	49	21.88
	25	0	20.96
	25	12	20.91
	25	25	20.83
	50	0	20.84
64QAM	1	0	20.83
	1	24	20.89
	1	49	20.84
	25	0	19.84
	25	12	19.87
	25	25	19.97
	50	0	19.91

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	21.85	22.98	19.19	20.32	34.77
16QAM	20.83	21.92	18.17	19.26	34.77
64QAM	19.84	20.89	17.18	18.23	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.12 LTE Band 14

LTE Band 14, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 23305	CH 23330	CH 23355
			790.5 MHz	793 MHz	795.5 MHz
QPSK	1	0	22.64	22.81	22.74
	1	12	22.49	22.68	22.55
	1	24	22.54	22.68	22.56
	12	0	21.64	21.82	21.69
	12	6	21.57	21.74	21.66
	12	13	21.51	21.71	21.60
	25	0	21.59	21.77	21.67
16QAM	1	0	21.61	21.74	21.71
	1	12	21.56	21.83	21.70
	1	24	21.54	21.68	21.56
	12	0	20.56	20.78	20.68
	12	6	20.58	20.84	20.61
	12	13	20.51	20.69	20.58
	25	0	20.54	20.73	20.55
64QAM	1	0	20.62	20.74	20.58
	1	12	20.56	20.76	20.68
	1	24	20.57	20.78	20.57
	12	0	19.64	19.84	19.66
	12	6	19.60	19.74	19.55
	12	13	19.57	19.75	19.56
	25	0	19.61	19.67	19.58

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	21.51	22.81	19.06	20.36	34.77
16QAM	20.51	21.83	18.06	19.38	34.77
64QAM	19.55	20.78	17.10	18.33	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 14, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 23330
			793 MHz
QPSK	1	0	22.89
	1	24	22.73
	1	49	22.76
	25	0	21.86
	25	12	21.77
	25	25	21.74
	50	0	21.83
16QAM	1	0	21.70
	1	24	21.79
	1	49	21.72
	25	0	20.79
	25	12	20.81
	25	25	20.75
	50	0	20.79
64QAM	1	0	20.71
	1	24	20.85
	1	49	20.70
	25	0	19.80
	25	12	19.81
	25	25	19.79
	50	0	19.74

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	21.74	22.89	19.29	20.44	34.77
16QAM	20.75	21.79	18.3	19.34	34.77
64QAM	19.74	20.85	17.29	18.4	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.13 LTE Band 25

LTE Band 25, Channel Bandwidth: 1.4 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26047	CH 26365	CH 26683
			1850.7 MHz	1882.5 MHz	1914.3 MHz
QPSK	1	0	22.49	22.44	22.20
	1	2	22.37	22.36	22.13
	1	5	22.37	22.36	22.15
	3	0	22.43	22.34	22.13
	3	1	22.38	22.32	22.11
	3	3	22.35	22.27	22.07
	6	0	21.36	21.29	21.06
16QAM	1	0	21.39	21.35	21.07
	1	2	21.37	21.28	21.14
	1	5	21.40	21.32	21.12
	3	0	21.39	21.34	21.07
	3	1	21.35	21.31	21.07
	3	3	21.43	21.29	21.12
	6	0	20.38	20.35	20.08
64QAM	1	0	20.42	20.33	20.09
	1	2	20.40	20.32	20.14
	1	5	20.40	20.29	20.14
	3	0	20.39	20.36	20.10
	3	1	20.41	20.34	20.13
	3	3	20.35	20.34	20.09
	6	0	19.42	19.29	19.12

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	21.06	22.49	22.28	23.71	33.01
16QAM	20.08	21.43	21.30	22.65	33.01
64QAM	19.12	20.42	20.34	21.64	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 25, Channel Bandwidth: 3 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26055	CH 26365	CH 26675
			1851.5 MHz	1882.5 MHz	1913.5 MHz
QPSK	1	0	22.50	22.42	22.24
	1	7	22.39	22.30	22.12
	1	14	22.34	22.34	22.15
	8	0	21.50	21.42	21.24
	8	3	21.45	21.35	21.18
	8	7	21.38	21.30	21.09
	15	0	21.48	21.40	21.15
16QAM	1	0	21.48	21.32	21.24
	1	7	21.47	21.29	21.23
	1	14	21.49	21.28	21.10
	8	0	20.35	20.31	20.07
	8	3	20.39	20.36	20.11
	8	7	20.48	20.43	20.15
	15	0	20.35	20.31	20.19
64QAM	1	0	20.43	20.35	20.15
	1	7	20.39	20.41	20.18
	1	14	20.36	20.42	20.08
	8	0	19.44	19.39	19.11
	8	3	19.36	19.34	19.18
	8	7	19.52	19.36	19.10
	15	0	19.50	19.38	19.17

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	21.09	22.50	22.31	23.72	33.01
16QAM	20.07	21.49	21.29	22.71	33.01
64QAM	19.10	20.43	20.32	21.65	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 25, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26065	CH 26365	CH 26665
			1852.5 MHz	1882.5 MHz	1912.5 MHz
QPSK	1	0	22.51	22.41	22.26
	1	12	22.44	22.33	22.12
	1	24	22.43	22.32	22.07
	12	0	21.49	21.42	21.25
	12	6	21.47	21.41	21.17
	12	13	21.36	21.33	21.09
	25	0	21.45	21.40	21.16
16QAM	1	0	21.44	21.31	21.24
	1	12	21.39	21.33	21.19
	1	24	21.42	21.37	21.11
	12	0	20.43	20.42	20.18
	12	6	20.51	20.34	20.17
	12	13	20.35	20.33	20.19
	25	0	20.38	20.35	20.16
64QAM	1	0	20.40	20.30	20.07
	1	12	20.41	20.45	20.23
	1	24	20.39	20.30	20.16
	12	0	19.36	19.34	19.08
	12	6	19.48	19.40	19.21
	12	13	19.46	19.36	19.18
	25	0	19.40	19.30	19.15

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	21.09	22.51	22.31	23.73	33.01
16QAM	20.16	21.44	21.38	22.66	33.01
64QAM	19.08	20.45	20.30	21.67	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 25, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26090	CH 26365	CH 26640
			1855 MHz	1882.5 MHz	1910 MHz
QPSK	1	0	22.46	22.39	22.26
	1	24	22.43	22.33	22.12
	1	49	22.37	22.30	22.06
	25	0	21.52	21.42	21.25
	25	12	21.46	21.37	21.19
	25	25	21.41	21.30	21.12
	50	0	21.46	21.39	21.19
16QAM	1	0	21.42	21.33	21.23
	1	24	21.52	21.43	21.11
	1	49	21.35	21.44	21.11
	25	0	20.45	20.39	20.14
	25	12	20.36	20.40	20.16
	25	25	20.40	20.29	20.08
	50	0	20.46	20.35	20.15
64QAM	1	0	20.39	20.34	20.13
	1	24	20.47	20.41	20.12
	1	49	20.48	20.41	20.19
	25	0	19.37	19.32	19.21
	25	12	19.47	19.37	19.20
	25	25	19.37	19.38	19.14
	50	0	19.49	19.32	19.24

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	21.12	22.46	22.34	23.68	33.01
16QAM	20.08	21.52	21.30	22.74	33.01
64QAM	19.14	20.48	20.36	21.70	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 25, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26115	CH 26365	CH 26615
			1857.5 MHz	1882.5 MHz	1907.5 MHz
QPSK	1	0	22.49	22.46	22.21
	1	37	22.39	22.37	22.10
	1	74	22.37	22.35	22.12
	36	0	21.49	21.45	21.22
	36	19	21.46	21.39	21.19
	36	39	21.39	21.32	21.10
	75	0	21.46	21.37	21.20
16QAM	1	0	21.44	21.28	21.21
	1	37	21.47	21.36	21.14
	1	74	21.50	21.28	21.12
	36	0	20.36	20.34	20.10
	36	19	20.38	20.33	20.19
	36	39	20.47	20.39	20.22
	75	0	20.38	20.42	20.22
64QAM	1	0	20.41	20.41	20.22
	1	37	20.42	20.33	20.24
	1	74	20.38	20.28	20.08
	36	0	19.40	19.36	19.10
	36	19	19.49	19.33	19.07
	36	39	19.35	19.41	19.09
	75	0	19.35	19.39	19.09

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	21.10	22.49	22.32	23.71	33.01
16QAM	20.10	21.50	21.32	22.72	33.01
64QAM	19.07	20.42	20.29	21.64	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 25, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26140	CH 26365	CH 26590
			1860 MHz	1882.5 MHz	1905 MHz
QPSK	1	0	22.58	22.51	22.30
	1	50	22.40	22.34	22.17
	1	99	22.44	22.41	22.18
	50	0	21.55	21.46	21.28
	50	25	21.49	21.39	21.22
	50	50	21.42	21.36	21.16
	100	0	21.51	21.43	21.22
16QAM	1	0	21.49	21.47	21.15
	1	50	21.40	21.47	21.17
	1	99	21.41	21.37	21.22
	50	0	20.44	20.42	20.18
	50	25	20.39	20.46	20.17
	50	50	20.44	20.49	20.13
	100	0	20.53	20.32	20.17
64QAM	1	0	20.55	20.37	20.13
	1	50	20.54	20.46	20.22
	1	99	20.53	20.45	20.18
	50	0	19.41	19.34	19.11
	50	25	19.44	19.32	19.24
	50	50	19.53	19.36	19.27
	100	0	19.41	19.36	19.16

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	21.16	22.58	22.38	23.80	33.01
16QAM	20.13	21.49	21.35	22.71	33.01
64QAM	19.11	20.55	20.33	21.77	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.14 LTE Band 26 (814 MHz ~ 824 MHz)

LTE Band 26 (814 MHz ~ 824 MHz), Channel Bandwidth: 1.4 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26697	CH 26740	CH 26783
			814.7 MHz	819 MHz	823.3 MHz
QPSK	1	0	22.63	22.57	22.49
	1	2	22.56	22.49	22.37
	1	5	22.54	22.47	22.43
	3	0	22.58	22.52	22.42
	3	1	22.49	22.41	22.39
	3	3	22.49	22.45	22.39
	6	0	21.49	21.46	21.38
16QAM	1	0	21.56	21.50	21.38
	1	2	21.53	21.48	21.38
	1	5	21.56	21.47	21.37
	3	0	21.56	21.49	21.37
	3	1	21.55	21.45	21.40
	3	3	21.56	21.44	21.44
	6	0	20.52	20.47	20.44
64QAM	1	0	20.55	20.42	20.43
	1	2	20.52	20.45	20.36
	1	5	20.51	20.49	20.41
	3	0	20.57	20.45	20.42
	3	1	20.53	20.45	20.36
	3	3	20.55	20.47	20.44
	6	0	19.52	19.50	19.36

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	21.38	22.63	20.00	21.25	50
16QAM	20.44	21.56	19.06	20.18	50
64QAM	19.36	20.57	17.98	19.19	50

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 26 (814 MHz ~ 824 MHz), Channel Bandwidth: 3 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26705	CH 26740	CH 26775
			815.5 MHz	819 MHz	822.5 MHz
QPSK	1	0	22.63	22.53	22.50
	1	7	22.57	22.41	22.38
	1	14	22.50	22.45	22.40
	8	0	21.64	21.60	21.54
	8	3	21.59	21.54	21.49
	8	7	21.52	21.46	21.40
	15	0	21.61	21.49	21.49
16QAM	1	0	21.56	21.44	21.42
	1	7	21.51	21.60	21.49
	1	14	21.67	21.60	21.48
	8	0	20.55	20.57	20.50
	8	3	20.52	20.59	20.43
	8	7	20.66	20.44	20.43
	15	0	20.67	20.57	20.52
64QAM	1	0	20.64	20.52	20.51
	1	7	20.57	20.56	20.45
	1	14	20.57	20.53	20.45
	8	0	19.51	19.56	19.43
	8	3	19.64	19.59	19.45
	8	7	19.50	19.54	19.45
	15	0	19.54	19.51	19.37

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	21.40	22.63	20.02	21.25	50
16QAM	20.43	21.67	19.05	20.29	50
64QAM	19.37	20.64	17.99	19.26	50

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 26 (814 MHz ~ 824 MHz), Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26715	CH 26740	CH 26765
			816.5 MHz	819 MHz	821.5 MHz
QPSK	1	0	22.60	22.53	22.55
	1	12	22.54	22.50	22.40
	1	24	22.48	22.47	22.42
	12	0	21.65	21.59	21.52
	12	6	21.60	21.51	21.48
	12	13	21.50	21.43	21.41
	25	0	21.56	21.54	21.49
16QAM	1	0	21.62	21.50	21.53
	1	12	21.58	21.49	21.43
	1	24	21.66	21.53	21.54
	12	0	20.56	20.49	20.45
	12	6	20.57	20.47	20.40
	12	13	20.59	20.55	20.44
	25	0	20.57	20.55	20.53
64QAM	1	0	20.64	20.58	20.51
	1	12	20.66	20.51	20.41
	1	24	20.60	20.50	20.39
	12	0	19.51	19.52	19.46
	12	6	19.50	19.54	19.44
	12	13	19.62	19.43	19.54
	25	0	19.56	19.43	19.38

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	21.41	22.60	20.03	21.22	50
16QAM	20.40	21.66	19.02	20.28	50
64QAM	19.38	20.66	18.00	19.28	50

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 26 (814 MHz ~ 824 MHz), Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 26740
			819 MHz
QPSK	1	0	22.78
	1	24	22.65
	1	49	22.64
	25	0	21.77
	25	12	21.68
	25	25	21.65
	50	0	21.66
16QAM	1	0	21.59
	1	24	21.70
	1	49	21.64
	25	0	20.75
	25	12	20.63
	25	25	20.71
	50	0	20.68
64QAM	1	0	20.76
	1	24	20.61
	1	49	20.59
	25	0	19.73
	25	12	19.66
	25	25	19.65
	50	0	19.64

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	21.65	22.78	20.27	21.40	50
16QAM	20.63	21.70	19.25	20.32	50
64QAM	19.64	20.76	18.26	19.38	50

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.15 LTE Band 26 (824 MHz ~ 849 MHz)

LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 1.4 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26797	CH 26915	CH 27033
			824.7 MHz	836.5 MHz	848.3 MHz
QPSK	1	0	22.58	22.65	22.72
	1	2	22.48	22.63	22.64
	1	5	22.50	22.61	22.59
	3	0	22.57	22.63	22.65
	3	1	22.50	22.54	22.59
	3	3	22.49	22.56	22.60
	6	0	21.51	21.59	21.58
16QAM	1	0	21.53	21.59	21.63
	1	2	21.49	21.59	21.56
	1	5	21.54	21.59	21.56
	3	0	21.48	21.59	21.64
	3	1	21.52	21.58	21.57
	3	3	21.48	21.56	21.56
	6	0	20.53	20.58	20.61
64QAM	1	0	20.53	20.60	20.59
	1	2	20.54	20.59	20.60
	1	5	20.51	20.54	20.56
	3	0	20.55	20.61	20.56
	3	1	20.52	20.55	20.58
	3	3	20.48	20.61	20.61
	6	0	19.56	19.62	19.60

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	21.51	22.72	20.13	21.34	38.45
16QAM	20.53	21.64	19.15	20.26	38.45
64QAM	19.56	20.61	18.18	19.23	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 3 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26805	CH 26915	CH 27025
			825.5 MHz	836.5 MHz	847.5 MHz
QPSK	1	0	22.64	22.77	22.72
	1	7	22.54	22.43	22.56
	1	14	22.50	22.42	22.64
	8	0	21.69	21.64	21.72
	8	3	21.58	21.53	21.68
	8	7	21.56	21.46	21.57
	15	0	21.59	21.54	21.65
16QAM	1	0	21.57	21.63	21.73
	1	7	21.58	21.51	21.66
	1	14	21.64	21.57	21.60
	8	0	20.62	20.59	20.67
	8	3	20.68	20.55	20.61
	8	7	20.57	20.54	20.74
	15	0	20.65	20.55	20.59
64QAM	1	0	20.53	20.55	20.56
	1	7	20.52	20.43	20.61
	1	14	20.63	20.44	20.68
	8	0	19.64	19.63	19.60
	8	3	19.59	19.57	19.64
	8	7	19.65	19.54	19.62
	15	0	19.63	19.69	19.69

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	21.46	22.77	20.08	21.39	38.45
16QAM	20.54	21.73	19.16	20.35	38.45
64QAM	19.54	20.68	18.16	19.30	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26815	CH 26915	CH 27015
			826.5 MHz	836.5 MHz	846.5 MHz
QPSK	1	0	22.57	22.74	22.69
	1	12	22.47	22.54	22.65
	1	24	22.47	22.42	22.57
	12	0	21.60	21.60	21.72
	12	6	21.58	21.55	21.64
	12	13	21.48	21.46	21.58
	25	0	21.55	21.73	21.67
16QAM	1	0	21.59	21.62	21.65
	1	12	21.51	21.60	21.72
	1	24	21.43	21.64	21.74
	12	0	20.49	20.63	20.66
	12	6	20.50	20.59	20.61
	12	13	20.42	20.62	20.74
	25	0	20.52	20.59	20.61
64QAM	1	0	20.61	20.62	20.68
	1	12	20.63	20.57	20.72
	1	24	20.58	20.63	20.60
	12	0	19.60	19.68	19.67
	12	6	19.55	19.54	19.57
	12	13	19.64	19.62	19.61
	25	0	19.50	19.71	19.73

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	21.46	22.74	20.08	21.36	38.45
16QAM	20.42	21.74	19.04	20.36	38.45
64QAM	19.50	20.72	18.12	19.34	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26840	CH 26915	CH 26990
			829 MHz	836.5 MHz	844 MHz
QPSK	1	0	22.67	22.75	22.84
	1	24	22.58	22.61	22.72
	1	49	22.62	22.51	22.69
	25	0	21.72	21.67	21.81
	25	12	21.65	21.63	21.78
	25	25	21.58	21.56	21.68
	50	0	21.66	21.78	21.73
16QAM	1	0	21.65	21.69	21.74
	1	24	21.62	21.70	21.81
	1	49	21.75	21.68	21.82
	25	0	20.70	20.67	20.73
	25	12	20.61	20.69	20.72
	25	25	20.69	20.70	20.66
	50	0	20.64	20.63	20.69
64QAM	1	0	20.74	20.63	20.77
	1	24	20.74	20.61	20.73
	1	49	20.67	20.67	20.72
	25	0	19.57	19.68	19.79
	25	12	19.68	19.59	19.77
	25	25	19.62	19.64	19.71
	50	0	19.56	19.80	19.72

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	21.56	22.84	20.18	21.46	38.45
16QAM	20.61	21.82	19.23	20.44	38.45
64QAM	19.56	20.77	18.18	19.39	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26865	CH 26915	CH 26965
			831.5 MHz	836.5 MHz	841.5 MHz
QPSK	1	0	22.86	22.86	22.85
	1	37	22.89	22.67	22.67
	1	74	22.65	22.73	22.66
	36	0	22.66	22.58	22.74
	36	19	21.82	21.82	21.74
	36	39	21.86	21.75	21.75
	75	0	21.71	21.78	21.68
16QAM	1	0	21.80	21.80	21.76
	1	37	21.83	21.70	21.70
	1	74	21.70	21.80	21.77
	36	0	21.77	21.74	21.87
	36	19	20.76	20.76	20.70
	36	39	20.79	20.79	20.79
	75	0	20.75	20.81	20.80
64QAM	1	0	20.66	20.66	20.64
	1	37	20.73	20.70	20.70
	1	74	20.62	20.79	20.72
	36	0	20.72	20.67	20.76
	36	19	19.74	19.74	19.68
	36	39	19.73	19.72	19.72
	75	0	19.64	19.72	19.75

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	21.59	22.89	20.21	21.51	38.45
16QAM	20.69	21.87	19.31	20.49	38.45
64QAM	19.64	20.79	18.26	19.41	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.16 LTE Band 41

LTE Band 41, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 39675	CH 40620	CH 41565
			2498.5 MHz	2593 MHz	2687.5 MHz
QPSK	1	0	22.73	23.03	23.18
	1	12	22.82	22.90	23.13
	1	24	22.80	22.93	23.05
	12	0	22.46	22.54	22.66
	12	6	22.37	22.43	22.58
	12	13	22.32	22.42	22.53
	25	0	22.41	22.47	22.55
16QAM	1	0	22.09	22.30	22.50
	1	12	22.08	22.34	22.44
	1	24	22.11	22.26	22.40
	12	0	21.52	21.50	21.60
	12	6	21.38	21.45	21.65
	12	13	21.36	21.48	21.59
	25	0	21.44	21.53	21.61
64QAM	1	0	21.14	21.39	21.47
	1	12	21.08	21.31	21.43
	1	24	21.11	21.33	21.43
	12	0	20.46	20.60	20.62
	12	6	20.42	20.43	20.61
	12	13	20.31	20.52	20.59
	25	0	20.36	20.50	20.53

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.32	23.18	24.35	25.21	33.01
16QAM	21.36	22.50	23.39	24.53	33.01
64QAM	20.31	21.47	22.34	23.50	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 41, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 39700	CH 40620	CH 41540
			2501 MHz	2593 MHz	2685 MHz
QPSK	1	0	22.77	22.96	23.13
	1	24	22.76	22.92	23.17
	1	49	22.84	22.97	23.08
	25	0	22.40	22.63	22.68
	25	12	22.39	22.52	22.60
	25	25	22.33	22.44	22.60
	50	0	22.39	22.44	22.53
16QAM	1	0	22.13	22.31	22.50
	1	24	22.12	22.29	22.47
	1	49	22.12	22.37	22.44
	25	0	21.43	21.65	21.68
	25	12	21.30	21.46	21.63
	25	25	21.31	21.40	21.62
	50	0	21.47	21.44	21.50
64QAM	1	0	21.11	21.33	21.45
	1	24	21.17	21.26	21.45
	1	49	21.20	21.35	21.48
	25	0	20.40	20.63	20.63
	25	12	20.30	20.45	20.59
	25	25	20.34	20.41	20.58
	50	0	20.39	20.49	20.58

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.33	23.17	24.36	25.20	33.01
16QAM	21.30	22.50	23.33	24.53	33.01
64QAM	20.30	21.48	22.33	23.51	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 41, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 39725	CH 40620	CH 41515
			2503.5 MHz	2593 MHz	2682.5 MHz
QPSK	1	0	22.83	23.10	23.19
	1	37	22.84	23.02	23.14
	1	74	22.79	22.99	23.21
	36	0	22.48	22.62	22.63
	36	19	22.45	22.57	22.61
	36	39	22.40	22.55	22.64
	75	0	22.45	22.60	22.62
16QAM	1	0	22.34	22.40	22.52
	1	37	22.33	22.38	22.54
	1	74	22.27	22.33	22.49
	36	0	21.55	21.62	21.62
	36	19	21.42	21.46	21.58
	36	39	21.51	21.53	21.67
	75	0	21.52	21.58	21.63
64QAM	1	0	21.38	21.43	21.55
	1	37	21.31	21.46	21.51
	1	74	21.31	21.38	21.48
	36	0	20.49	20.61	20.64
	36	19	20.29	20.56	20.59
	36	39	20.37	20.49	20.66
	75	0	20.43	20.52	20.59

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.40	23.21	24.43	25.24	33.01
16QAM	21.42	22.54	23.45	24.57	33.01
64QAM	20.29	21.55	22.32	23.58	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 41, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 39750	CH 40620	CH 41490
			2506 MHz	2593 MHz	2680 MHz
QPSK	1	0	23.00	23.14	23.26
	1	50	22.88	23.08	23.22
	1	99	22.87	23.07	23.21
	50	0	22.52	22.67	22.71
	50	25	22.45	22.57	22.68
	50	50	22.43	22.55	22.67
	100	0	22.49	22.61	22.69
16QAM	1	0	22.42	22.46	22.81
	1	50	22.36	22.45	22.78
	1	99	22.35	22.43	22.69
	50	0	21.59	21.63	21.79
	50	25	21.52	21.51	21.76
	50	50	21.51	21.58	21.75
	100	0	21.53	21.61	21.78
64QAM	1	0	21.46	21.51	21.48
	1	50	21.38	21.47	21.46
	1	99	21.31	21.39	21.38
	50	0	20.57	20.61	20.73
	50	25	20.39	20.56	20.72
	50	50	20.38	20.57	20.67
	100	0	20.53	20.58	20.75

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.43	23.26	24.46	25.29	33.01
16QAM	21.51	22.81	23.54	24.84	33.01
64QAM	20.38	21.51	22.41	23.54	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.17 LTE Band 41C

LTE Band 41C

Configure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	
Intra Band Contiguous	41C	41	20	QPSK20M	1	0	39750	2506	41	20	QPSK20M	1	99	39948	2525.8	15.56	
					1	99						1	0			22.95	
		41	20	QPSK20M	1	0	40521	2583.1	41	20	QPSK20M	1	99	40719	2602.9	15.68	
					1	99						1	0			23.03	
		41	20	QPSK20M	1	0	41292	2660.2	41	20	QPSK20M	1	99	41490	2680	15.83	
					1	99						1	0			23.25	
	41C	41	20	QPSK20M	1	0	39750	2506	41	15	QPSK15M	1	74	39921	2523.1	15.48	
					1	99						1	0			22.90	
		41	20	QPSK20M	1	0	40546	2585.6	41	15	QPSK15M	1	74	40717	2602.7	15.63	
					1	99						1	0			22.89	
		41	20	QPSK20M	1	0	41341	2665.1	41	15	QPSK15M	1	74	41512	2682.2	15.71	
					1	99						1	0			23.22	
	41C	41	15	QPSK15M	1	0	39728	2503.8	41	20	QPSK20M	1	99	39899	2520.9	15.43	
					1	74						1	0			22.91	
		41	15	QPSK15M	1	0	40523	2593.3	41	20	QPSK20M	1	99	40694	2600.4	15.63	
					1	74						1	0			22.95	
		41	15	QPSK15M	1	0	41319	2662.9	41	20	QPSK20M	1	99	41490	2680	15.76	
					1	74						1	0			23.17	
	41C	41	20	QPSK20M	1	0	39750	2506	41	10	QPSK10M	1	49	39894	2520.4	15.52	
					1	99						1	0			22.88	
		41	20	QPSK20M	1	0	40571	2588.1	41	10	QPSK10M	1	49	40715	2602.5	15.59	
					1	99						1	0			22.94	
		41	20	QPSK20M	1	0	41391	2670.1	41	10	QPSK10M	1	49	41535	2684.5	15.73	
					1	99						1	0			23.17	
	41C	41	10	QPSK10M	1	0	39705	2501.5	41	20	QPSK20M	1	99	39849	2515.9	15.43	
					1	49						1	0			22.82	
		41	10	QPSK10M	1	0	40526	2583.6	41	20	QPSK20M	1	99	40670	2598	15.60	
					1	49						1	0			22.98	
		41	10	QPSK10M	1	0	41346	2665.6	41	20	QPSK20M	1	99	41490	2680	15.78	
					1	49						1	0			23.19	
	41C	41	20	QPSK20M	1	0	39750	2506	41	5	QPSK5M	1	24	39867	2517.7	15.47	
					1	99						1	0			22.84	
		41	20	QPSK20M	1	0	40595	2590.5	41	5	QPSK5M	1	24	40712	2602.2	15.61	
					1	99						1	0			22.93	
		41	20	QPSK20M	1	0	41440	2675	41	5	QPSK5M	1	24	41557	2686.7	15.76	
					1	99						1	0			23.19	
	41C	41	5	QPSK5M	1	0	39683	2499.3	41	20	QPSK20M	1	99	39800	2511	15.49	
					1	24						1	0			22.85	
		41	5	QPSK5M	1	0	40528	2583.8	41	20	QPSK20M	1	99	40645	2595.5	15.57	
					1	24						1	0			22.99	
		41	5	QPSK5M	1	0	41373	2668.3	41	20	QPSK20M	1	99	41490	2680	15.71	
					1	24						1	0			23.16	
	41C	41	15	QPSK15M	1	0	39725	2503.5	41	10	QPSK10M	1	49	39845	2515.5	15.49	
					1	74						1	0			22.88	
		41	15	QPSK15M	1	0	40571	2588.1	41	10	QPSK10M	1	49	40691	2600.1	15.54	
					1	74						1	0			22.97	
		41	15	QPSK15M	1	0	41417	2672.7	41	10	QPSK10M	1	49	41537	2684.7	15.76	
					1	74						1	0			23.16	
	41C	41	10	QPSK10M	1	0	39703	2501.3	41	15	QPSK15M	1	74	39823	2513.3	15.53	
					1	49						1	0			22.84	
		41	10	QPSK10M	1	0	40549	2585.9	41	15	QPSK15M	1	74	40669	2597.9	15.62	
					1	49						1	0			22.89	
		41	10	QPSK10M	1	0	41395	2670.5	41	15	QPSK15M	1	74	41515	2682.5	15.71	
					1	49						1	0			23.15	
	41C	41	15	QPSK15M	1	0	39725	2503.5	41	15	QPSK15M	1	74	39875	2518.5	15.54	
1					74	1						0	22.89				
41		15	QPSK15M	1	0	40545	2585.5	41	15	QPSK15M	1	74	40695	2600.5	15.59		
				1	74						1	0			22.93		
41		15	QPSK15M	1	0	41365	2667.5	41	15	QPSK15M	1	74	41515	2682.5	15.72		
				1	74						1	0			23.18		

Configurare	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	
Intra Band Contiguous	41C	41	20	16QAM20M	1	0	39750	2506	41	20	16QAM20M	1	99	39948	2525.8	14.51	
					1	99						1	0			21.92	
		41	20	16QAM20M	1	0	40521	2583.1	41	20	16QAM20M	1	99	40719	2602.9	14.63	
					1	99						1	0			21.99	
		41	20	16QAM20M	1	0	41292	2660.2	41	20	16QAM20M	1	99	41490	2680	14.79	
					1	99						1	0			22.18	
	41C	41	20	16QAM20M	1	0	39750	2506	41	15	16QAM15M	1	74	39921	2523.1	14.39	
					1	99						1	0			21.80	
		41	20	16QAM20M	1	0	40546	2585.6	41	15	16QAM15M	1	74	40717	2602.7	14.54	
					1	99						1	0			21.86	
		41	20	16QAM20M	1	0	41341	2665.1	41	15	16QAM15M	1	74	41512	2682.2	14.73	
					1	99						1	0			22.12	
	41C	41	15	16QAM15M	1	0	39728	2503.8	41	20	16QAM20M	1	99	39899	2520.9	14.40	
					1	74						1	0			21.86	
		41	15	16QAM15M	1	0	40523	2593.3	41	20	16QAM20M	1	99	40694	2600.4	14.51	
					1	74						1	0			21.94	
		41	15	16QAM15M	1	0	41319	2662.9	41	20	16QAM20M	1	99	41490	2680	14.69	
					1	74						1	0			22.10	
	41C	41	20	16QAM20M	1	0	39750	2506	41	10	16QAM10M	1	49	39894	2520.4	14.49	
					1	99						1	0			21.83	
		41	20	16QAM20M	1	0	40571	2588.1	41	10	16QAM10M	1	49	40715	2602.5	14.52	
					1	99						1	0			21.92	
		41	20	16QAM20M	1	0	41391	2670.1	41	10	16QAM10M	1	49	41535	2684.5	14.77	
					1	99						1	0			22.11	
	41C	41	10	16QAM10M	1	0	39705	2501.5	41	20	16QAM20M	1	99	39849	2515.9	14.40	
					1	49						1	0			21.89	
		41	10	16QAM10M	1	0	40526	2583.6	41	20	16QAM20M	1	99	40670	2598	14.53	
					1	49						1	0			21.89	
		41	10	16QAM10M	1	0	41346	2665.6	41	20	16QAM20M	1	99	41490	2680	14.77	
					1	49						1	0			22.10	
	41C	41	20	16QAM20M	1	0	39750	2506	41	5	16QAM5M	1	24	39867	2517.7	14.39	
					1	99						1	0			21.86	
		41	20	16QAM20M	1	0	40595	2590.5	41	5	16QAM5M	1	24	40712	2602.2	14.54	
					1	99						1	0			21.93	
		41	20	16QAM20M	1	0	41440	2675	41	5	16QAM5M	1	24	41557	2686.7	14.64	
					1	99						1	0			22.09	
	41C	41	5	16QAM5M	1	0	39683	2499.3	41	20	16QAM20M	1	99	39800	2511	14.41	
					1	24						1	0			21.82	
		41	5	16QAM5M	1	0	40528	2583.8	41	20	16QAM20M	1	99	40645	2595.5	14.56	
					1	24						1	0			21.89	
		41	5	16QAM5M	1	0	41373	2668.3	41	20	16QAM20M	1	99	41490	2680	14.72	
					1	24						1	0			22.07	
	41C	41	15	16QAM15M	1	0	39725	2503.5	41	10	16QAM10M	1	49	39845	2515.5	14.41	
					1	74						1	0			21.79	
		41	15	16QAM15M	1	0	40571	2588.1	41	10	16QAM10M	1	49	40691	2600.1	14.57	
					1	74						1	0			21.90	
		41	15	16QAM15M	1	0	41417	2672.7	41	10	16QAM10M	1	49	41537	2684.7	14.70	
					1	74						1	0			22.07	
	41C	41	10	16QAM10M	1	0	39703	2501.3	41	15	16QAM15M	1	74	39823	2513.3	14.40	
					1	49						1	0			21.83	
		41	10	16QAM10M	1	0	40549	2585.9	41	15	16QAM15M	1	74	40669	2597.9	14.58	
					1	49						1	0			21.86	
		41	10	16QAM10M	1	0	41395	2670.5	41	15	16QAM15M	1	74	41515	2682.5	14.77	
					1	49						1	0			22.14	
	41C	41	15	16QAM15M	1	0	39725	2503.5	41	15	16QAM15M	1	74	39875	2518.5	14.37	
					1	74						1	0			21.84	
41		15	16QAM15M	1	0	40545	2585.5	41	15	16QAM15M	1	74	40695	2600.5	14.53		
				1	74						1	0			21.94		
41		15	16QAM15M	1	0	41365	2667.5	41	15	16QAM15M	1	74	41515	2682.5	14.75		
				1	74						1	0			22.12		

Configure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	
Intra Band Contiguous	41C	41	20	64QAM20M	1	0	39750	2506	41	20	64QAM20M	1	99	39948	2525.8	13.03	
					1	99						1	0			20.51	
		41	20	64QAM20M	1	0	40521	2583.1	41	20	64QAM20M	1	99	40719	2602.9	13.15	
					1	99						1	0			20.49	
		41	20	64QAM20M	1	0	41292	2660.2	41	20	64QAM20M	1	99	41490	2680	13.28	
					1	99						1	0			20.58	
	41C	41	20	64QAM20M	1	0	39750	2506	41	15	64QAM15M	1	74	39921	2523.1	12.93	
					1	99						1	0			20.42	
		41	20	64QAM20M	1	0	40546	2585.6	41	15	64QAM15M	1	74	40717	2602.7	13.12	
					1	99						1	0			20.39	
		41	20	64QAM20M	1	0	41341	2665.1	41	15	64QAM15M	1	74	41512	2682.2	13.18	
					1	99						1	0			20.51	
	41C	41	15	64QAM15M	1	0	39728	2503.8	41	20	64QAM20M	1	99	39899	2520.9	12.97	
					1	74						1	0			20.42	
		41	15	64QAM15M	1	0	40523	2593.3	41	20	64QAM20M	1	99	40694	2600.4	13.06	
					1	74						1	0			20.40	
		41	15	64QAM15M	1	0	41319	2662.9	41	20	64QAM20M	1	99	41490	2680	13.20	
					1	74						1	0			20.50	
	41C	41	20	64QAM20M	1	0	39750	2506	41	10	64QAM10M	1	49	39894	2520.4	12.97	
					1	99						1	0			20.49	
		41	20	64QAM20M	1	0	40571	2588.1	41	10	64QAM10M	1	49	40715	2602.5	13.08	
					1	99						1	0			20.36	
		41	20	64QAM20M	1	0	41391	2670.1	41	10	64QAM10M	1	49	41535	2684.5	13.24	
					1	99						1	0			20.55	
	41C	41	10	64QAM10M	1	0	39705	2501.5	41	20	64QAM20M	1	99	39849	2515.9	12.95	
					1	49						1	0			20.48	
		41	10	64QAM10M	1	0	40526	2583.6	41	20	64QAM20M	1	99	40670	2598	13.08	
					1	49						1	0			20.44	
		41	10	64QAM10M	1	0	41346	2665.6	41	20	64QAM20M	1	99	41490	2680	13.18	
					1	49						1	0			20.51	
	41C	41	20	64QAM20M	1	0	39750	2506	41	5	64QAM5M	1	24	39867	2517.7	12.90	
					1	99						1	0			20.43	
		41	20	64QAM20M	1	0	40595	2590.5	41	5	64QAM5M	1	24	40712	2602.2	13.06	
					1	99						1	0			20.45	
		41	20	64QAM20M	1	0	41440	2675	41	5	64QAM5M	1	24	41557	2686.7	13.16	
					1	99						1	0			20.50	
	41C	41	5	64QAM5M	1	0	39683	2499.3	41	20	64QAM20M	1	99	39800	2511	12.97	
					1	24						1	0			20.45	
		41	5	64QAM5M	1	0	40528	2583.8	41	20	64QAM20M	1	99	40645	2595.5	13.12	
					1	24						1	0			20.42	
		41	5	64QAM5M	1	0	41373	2668.3	41	20	64QAM20M	1	99	41490	2680	13.23	
					1	24						1	0			20.45	
	41C	41	15	64QAM15M	1	0	39725	2503.5	41	10	64QAM10M	1	49	39845	2515.5	12.93	
					1	74						1	0			20.42	
		41	15	64QAM15M	1	0	40571	2588.1	41	10	64QAM10M	1	49	40691	2600.1	13.08	
					1	74						1	0			20.43	
		41	15	64QAM15M	1	0	41417	2672.7	41	10	64QAM10M	1	49	41537	2684.7	13.18	
					1	74						1	0			20.48	
	41C	41	10	64QAM10M	1	0	39703	2501.3	41	15	64QAM15M	1	74	39823	2513.3	12.96	
					1	49						1	0			20.39	
		41	10	64QAM10M	1	0	40549	2585.9	41	15	64QAM15M	1	74	40669	2597.9	13.07	
					1	49						1	0			20.45	
		41	10	64QAM10M	1	0	41395	2670.5	41	15	64QAM15M	1	74	41515	2682.5	13.14	
					1	49						1	0			20.48	
	41C	41	15	64QAM15M	1	0	39725	2503.5	41	15	64QAM15M	1	74	39875	2518.5	12.95	
					1	74						1	0			20.40	
41		15	64QAM15M	1	0	40545	2585.5	41	15	64QAM15M	1	74	40695	2600.5	13.14		
				1	74						1	0			20.43		
41		15	64QAM15M	1	0	41365	2667.5	41	15	64QAM15M	1	74	41515	2682.5	13.22		
				1	74						1	0			20.47		

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	15.43	23.25	17.46	25.28	33.01
16QAM	14.37	22.18	16.40	24.21	33.01
64QAM	12.90	20.58	14.93	22.61	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.18 LTE Band 66

LTE Band 66, Channel Bandwidth: 1.4 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 131979	CH 132322	CH 132665
			1710.7 MHz	1745 MHz	1779.3 MHz
QPSK	1	0	23.03	22.96	22.89
	1	2	22.88	22.90	22.91
	1	5	22.82	22.85	22.70
	3	0	22.95	22.96	22.93
	3	1	22.93	22.94	22.83
	3	3	22.79	22.87	22.79
	6	0	21.99	21.88	21.91
16QAM	1	0	22.17	22.15	21.99
	1	2	22.20	22.32	22.12
	1	5	22.21	22.20	22.05
	3	0	22.03	22.03	21.83
	3	1	22.04	22.01	21.97
	3	3	21.82	21.94	21.87
	6	0	20.93	21.03	20.97
64QAM	1	0	21.20	21.14	21.14
	1	2	21.13	21.25	20.94
	1	5	21.04	21.05	21.00
	3	0	21.16	21.16	20.86
	3	1	20.90	20.94	20.90
	3	3	20.80	21.06	20.92
	6	0	19.91	20.14	19.88

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	21.88	23.03	23.61	24.76	30
16QAM	20.93	22.32	22.66	24.05	30
64QAM	19.88	21.25	21.61	22.98	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 66, Channel Bandwidth: 3 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 131987	CH 132322	CH 132657
			1711.5 MHz	1745 MHz	1778.5 MHz
QPSK	1	0	22.96	22.96	22.88
	1	7	22.89	22.84	22.93
	1	14	22.75	22.93	22.86
	8	0	22.00	21.92	21.91
	8	3	21.92	21.89	21.86
	8	7	21.88	21.86	21.75
	15	0	21.85	22.01	21.77
16QAM	1	0	22.13	22.27	22.14
	1	7	22.20	22.30	22.08
	1	14	22.10	22.12	22.19
	8	0	21.03	21.04	20.98
	8	3	21.08	21.10	21.03
	8	7	20.89	20.98	20.76
	15	0	21.03	20.94	20.85
64QAM	1	0	21.14	21.15	21.09
	1	7	21.10	21.08	21.03
	1	14	21.00	21.10	21.01
	8	0	20.13	20.02	19.96
	8	3	19.99	19.98	19.98
	8	7	19.98	20.07	19.82
	15	0	19.82	19.92	19.88

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	21.75	22.96	23.48	24.69	30
16QAM	20.76	22.30	22.49	24.03	30
64QAM	19.82	21.15	21.55	22.88	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 66, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 131997	CH 132322	CH 132647
			1712.5 MHz	1745 MHz	1777.5 MHz
QPSK	1	0	23.03	22.93	22.81
	1	12	22.91	22.99	22.97
	1	24	22.85	22.87	22.83
	12	0	21.90	21.90	21.80
	12	6	21.98	21.87	21.77
	12	13	21.87	21.95	21.80
	25	0	21.87	21.88	21.88
16QAM	1	0	22.24	22.24	22.06
	1	12	22.05	22.23	22.13
	1	24	22.08	22.21	22.09
	12	0	20.99	21.02	20.87
	12	6	21.00	21.00	20.86
	12	13	20.79	20.92	20.78
	25	0	20.98	21.03	20.88
64QAM	1	0	21.11	21.20	21.17
	1	12	21.09	21.17	20.98
	1	24	21.13	21.11	20.98
	12	0	20.02	20.09	20.04
	12	6	20.00	20.00	19.89
	12	13	19.82	19.92	19.79
	25	0	19.95	20.03	19.88

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	21.77	23.03	23.50	24.76	30
16QAM	20.78	22.24	22.51	23.97	30
64QAM	19.79	21.20	21.52	22.93	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 66, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 132022	CH 132322	CH 132622
			1715 MHz	1745 MHz	1775 MHz
QPSK	1	0	22.90	23.02	22.87
	1	24	22.82	22.85	22.82
	1	49	22.87	22.90	22.82
	25	0	21.94	21.90	21.95
	25	12	21.95	21.97	21.89
	25	25	21.90	21.79	21.75
	50	0	21.94	21.99	21.82
16QAM	1	0	22.20	22.23	22.04
	1	24	22.19	22.22	22.13
	1	49	22.14	22.12	22.12
	25	0	21.02	21.06	20.95
	25	12	21.00	20.97	20.96
	25	25	20.92	20.94	20.79
	50	0	21.02	21.03	20.86
64QAM	1	0	21.08	21.27	21.08
	1	24	21.04	21.17	21.12
	1	49	21.03	21.19	21.05
	25	0	20.07	20.08	20.04
	25	12	19.98	20.09	19.91
	25	25	20.00	20.08	19.75
	50	0	19.95	20.13	19.88

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	21.75	23.02	23.48	24.75	30
16QAM	20.79	22.23	22.52	23.96	30
64QAM	19.75	21.27	21.48	23.00	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 66, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 132047	CH 132322	CH 132597
			1717.5 MHz	1745 MHz	1772.5 MHz
QPSK	1	0	22.99	23.10	22.93
	1	37	22.94	22.94	22.99
	1	74	22.93	22.98	22.91
	36	0	22.01	21.98	22.01
	36	19	21.97	22.02	21.90
	36	39	21.88	21.99	21.89
	75	0	22.04	21.97	21.96
16QAM	1	0	22.27	22.31	22.20
	1	37	22.19	22.30	22.19
	1	74	22.25	22.26	22.17
	36	0	21.09	21.12	21.00
	36	19	21.09	21.10	21.06
	36	39	20.91	20.97	20.84
	75	0	20.95	21.00	20.94
64QAM	1	0	21.20	21.23	21.11
	1	37	21.19	21.19	21.06
	1	74	21.12	21.22	21.08
	36	0	20.13	20.12	20.07
	36	19	20.04	20.17	20.05
	36	39	20.03	20.08	19.92
	75	0	19.96	20.14	19.98

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	21.88	23.10	23.61	24.83	30
16QAM	20.84	22.31	22.57	24.04	30
64QAM	19.92	21.23	21.65	22.96	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 66, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 132072	CH 132322	CH 132572
			1720 MHz	1745 MHz	1770 MHz
QPSK	1	0	23.05	23.11	23.02
	1	50	23.02	23.03	22.99
	1	99	22.97	23.01	22.95
	50	0	22.03	22.05	22.01
	50	25	22.02	22.03	21.98
	50	50	21.96	22.02	21.91
	100	0	22.05	22.06	21.96
16QAM	1	0	22.31	22.38	22.23
	1	50	22.29	22.35	22.21
	1	99	22.28	22.31	22.25
	50	0	21.12	21.13	21.02
	50	25	21.09	21.11	21.06
	50	50	20.99	21.07	20.93
	100	0	21.05	21.08	20.99
64QAM	1	0	21.27	21.32	21.21
	1	50	21.21	21.29	21.16
	1	99	21.18	21.27	21.13
	50	0	20.17	20.21	20.11
	50	25	20.07	20.17	20.05
	50	50	20.03	20.12	19.95
	100	0	20.06	20.15	20.03

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	21.91	23.11	23.64	24.84	30
16QAM	20.93	22.38	22.66	24.11	30
64QAM	19.95	21.32	21.68	23.05	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.19 LTE Band 71

LTE Band 71, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 133147	CH 133297	CH 133447
			665.5 MHz	680.5 MHz	695.5 MHz
QPSK	1	0	22.90	23.01	23.03
	1	12	22.92	22.90	22.99
	1	24	22.72	23.01	22.86
	12	0	22.04	22.10	22.06
	12	6	21.93	21.96	22.13
	12	13	21.84	21.94	22.12
	25	0	21.96	22.13	22.10
16QAM	1	0	22.26	22.37	22.36
	1	12	22.18	22.31	22.30
	1	24	22.26	22.23	22.19
	12	0	21.00	21.09	21.09
	12	6	21.03	21.12	21.14
	12	13	21.13	21.16	21.21
	25	0	21.00	20.97	21.22
64QAM	1	0	21.28	21.24	21.31
	1	12	21.13	21.18	21.25
	1	24	21.11	21.11	21.17
	12	0	19.94	20.11	20.08
	12	6	19.97	20.08	19.99
	12	13	19.94	20.02	20.17
	25	0	20.01	20.05	20.20

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	21.84	23.03	18.37	19.56	34.77
16QAM	20.97	22.37	17.50	18.90	34.77
64QAM	19.94	21.31	16.47	17.84	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 71, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 133172	CH 133297	CH 133422
			668 MHz	680.5 MHz	693 MHz
QPSK	1	0	22.97	23.00	23.01
	1	24	22.96	22.98	22.95
	1	49	22.86	23.01	23.02
	25	0	22.08	21.97	22.16
	25	12	21.95	22.08	22.04
	25	25	21.93	21.90	22.08
	50	0	21.98	21.99	22.22
16QAM	1	0	22.29	22.36	22.26
	1	24	22.22	22.32	22.21
	1	49	22.24	22.18	22.23
	25	0	21.07	21.16	21.16
	25	12	20.98	21.13	21.18
	25	25	21.08	21.12	21.15
	50	0	21.10	21.07	21.10
64QAM	1	0	21.08	21.18	21.23
	1	24	21.06	21.05	21.24
	1	49	21.11	21.12	21.26
	25	0	19.96	19.98	20.05
	25	12	19.98	20.01	20.04
	25	25	19.90	20.08	20.05
	50	0	20.05	20.01	20.01

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	21.90	23.02	18.43	19.55	34.77
16QAM	20.98	22.36	17.51	18.89	34.77
64QAM	19.90	21.26	16.43	17.79	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 71, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 133197	CH 133297	CH 133397
			670.5 MHz	680.5 MHz	690.5 MHz
QPSK	1	0	23.04	23.03	23.16
	1	37	22.98	23.02	23.13
	1	74	22.90	23.01	23.05
	36	0	22.05	22.14	22.20
	36	19	21.98	22.05	22.15
	36	39	21.98	21.98	22.08
	75	0	22.00	22.16	22.21
16QAM	1	0	22.33	22.39	22.37
	1	37	22.31	22.36	22.34
	1	74	22.29	22.32	22.27
	36	0	21.17	21.25	21.21
	36	19	21.11	21.21	21.17
	36	39	21.10	21.15	21.17
	75	0	21.15	21.11	21.18
64QAM	1	0	21.22	21.36	21.31
	1	37	21.16	21.16	21.30
	1	74	21.20	21.23	21.24
	36	0	20.11	20.13	20.15
	36	19	20.07	20.12	20.19
	36	39	20.00	20.07	20.15
	75	0	20.14	20.19	20.19

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	21.98	23.16	18.51	19.69	34.77
16QAM	21.10	22.39	17.63	18.92	34.77
64QAM	20.00	21.36	16.53	17.89	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 71, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 133222	CH 133297	CH 133372
			673 MHz	680.5 MHz	688 MHz
QPSK	1	0	23.06	23.13	23.18
	1	50	23.03	23.11	23.15
	1	99	22.95	23.02	23.06
	50	0	22.13	22.21	22.23
	50	25	22.02	22.13	22.21
	50	50	22.01	22.08	22.17
	100	0	22.09	22.17	22.26
16QAM	1	0	22.41	22.45	22.47
	1	50	22.36	22.41	22.42
	1	99	22.29	22.32	22.35
	50	0	21.21	21.25	21.27
	50	25	21.15	21.22	21.26
	50	50	21.17	21.19	21.21
	100	0	21.19	21.21	21.23
64QAM	1	0	21.29	21.37	21.38
	1	50	21.23	21.26	21.35
	1	99	21.21	21.25	21.33
	50	0	20.13	20.18	20.23
	50	25	20.09	20.12	20.22
	50	50	20.07	20.15	20.19
	100	0	20.16	20.22	20.25

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	22.01	23.18	18.54	19.71	34.77
16QAM	21.15	22.47	17.68	19.00	34.77
64QAM	20.07	21.38	16.60	17.91	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.20 LTE Band 106

LTE Band 106, Channel Bandwidth: 1.4 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 134314	CH 134332	CH 134330
			898.2 MHz	899 MHz	899.8 MHz
QPSK	1	0	22.66	22.68	22.58
	1	2	22.56	22.59	22.52
	1	5	22.57	22.65	22.49
	3	0	22.63	22.65	22.55
	3	1	22.55	22.58	22.45
	3	3	22.56	22.62	22.49
	6	0	21.53	21.59	21.49
16QAM	1	0	21.59	21.59	21.50
	1	2	21.59	21.66	21.51
	1	5	21.61	21.59	21.52
	3	0	21.60	21.59	21.54
	3	1	21.56	21.58	21.52
	3	3	21.59	21.61	21.54
	6	0	20.55	20.59	20.49
64QAM	1	0	20.54	20.63	20.54
	1	2	20.53	20.58	20.50
	1	5	20.57	20.59	20.54
	3	0	20.58	20.61	20.54
	3	1	20.57	20.58	20.49
	3	3	20.59	20.66	20.50
	6	0	19.57	19.60	19.48

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	21.49	22.68	19.35	20.54	40
16QAM	20.49	21.66	18.35	19.52	40
64QAM	19.48	20.66	17.34	18.52	40

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 106, Channel Bandwidth: 3 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 134322
			899 MHz
QPSK	1	0	22.77
	1	24	22.62
	1	49	22.63
	25	0	21.76
	25	12	21.70
	25	25	21.62
	50	0	21.67
16QAM	1	0	21.90
	1	24	21.72
	1	49	21.60
	25	0	20.83
	25	12	20.68
	25	25	20.65
	50	0	20.79
64QAM	1	0	21.82
	1	24	20.64
	1	49	20.70
	25	0	20.79
	25	12	20.39
	25	25	20.26
	50	0	20.77

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	21.62	22.77	19.48	20.63	40
16QAM	20.65	21.9	18.51	19.76	40
64QAM	20.26	21.82	18.12	19.68	40

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.2 Radiated Spurious Emissions below 1GHz

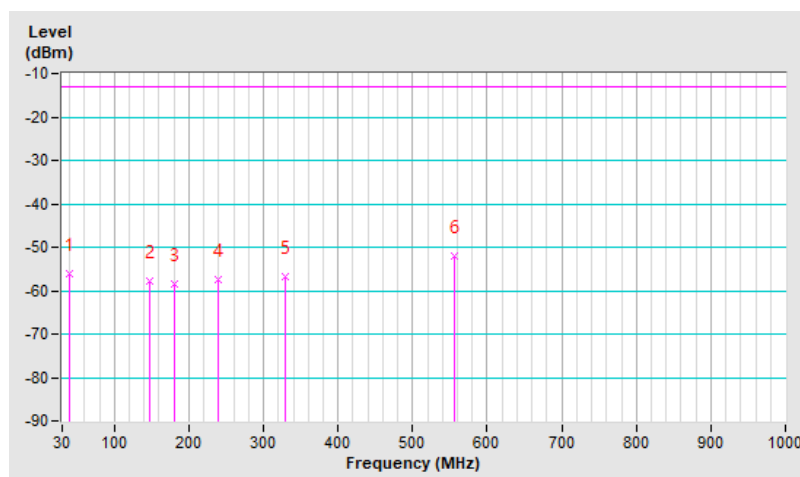
7.2.1 WCDMA Band II

RF Mode	WCDMA Band II	Channel	CH 9262 : 1852.4 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	39.70	-56.01	-13.00	-43.01	1.50 H	14	48.79	-104.80
2	146.40	-57.67	-13.00	-44.67	1.01 H	105	45.89	-103.56
3	181.32	-58.61	-13.00	-45.61	1.50 H	179	46.34	-104.95
4	238.55	-57.57	-13.00	-44.57	1.01 H	150	46.88	-104.45
5	329.73	-56.69	-13.00	-43.69	1.01 H	276	44.13	-100.82
6	556.71	-52.05	-13.00	-39.05	1.50 H	297	44.87	-96.92

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

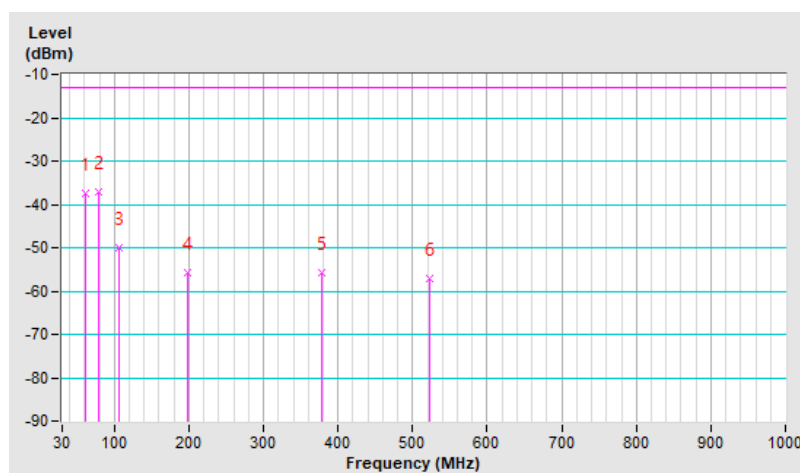


RF Mode	WCDMA Band II	Channel	CH 9262 : 1852.4 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	61.04	-37.37	-13.00	-24.37	1.00 V	155	67.31	-104.68
2	79.47	-37.21	-13.00	-24.21	1.00 V	174	71.08	-108.29
3	106.63	-49.92	-13.00	-36.92	1.00 V	174	57.38	-107.30
4	197.81	-55.80	-13.00	-42.80	1.00 V	174	50.47	-106.27
5	378.23	-55.75	-13.00	-42.75	1.00 V	316	44.28	-100.03
6	522.76	-56.95	-13.00	-43.95	1.00 V	78	40.56	-97.51

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



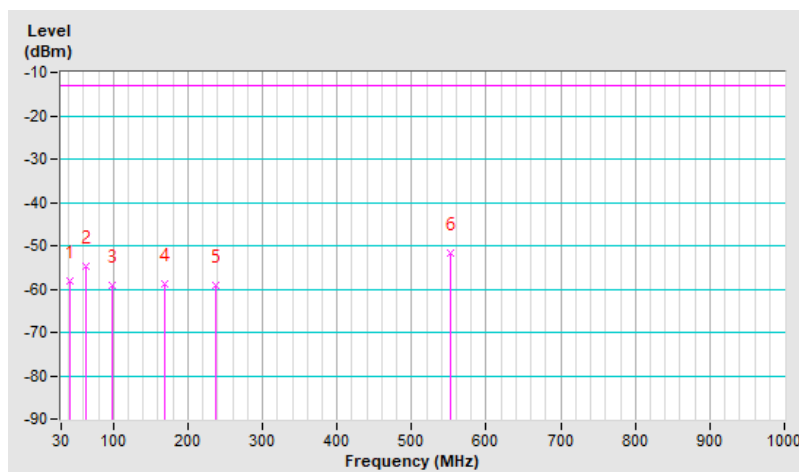
7.2.2 WCDMA Band IV

RF Mode	WCDMA Band IV	Channel	CH 1312 : 1712.4 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	41.64	-58.17	-13.00	-45.17	1.00 H	334	46.36	-104.53
2	62.98	-54.71	-13.00	-41.71	1.00 H	90	50.26	-104.97
3	97.90	-59.27	-13.00	-46.27	1.99 H	14	49.47	-108.74
4	168.71	-58.72	-13.00	-45.72	1.00 H	144	44.97	-103.69
5	236.61	-59.00	-13.00	-46.00	1.00 H	165	45.67	-104.67
6	552.83	-51.58	-13.00	-38.58	1.49 H	282	45.40	-96.98

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

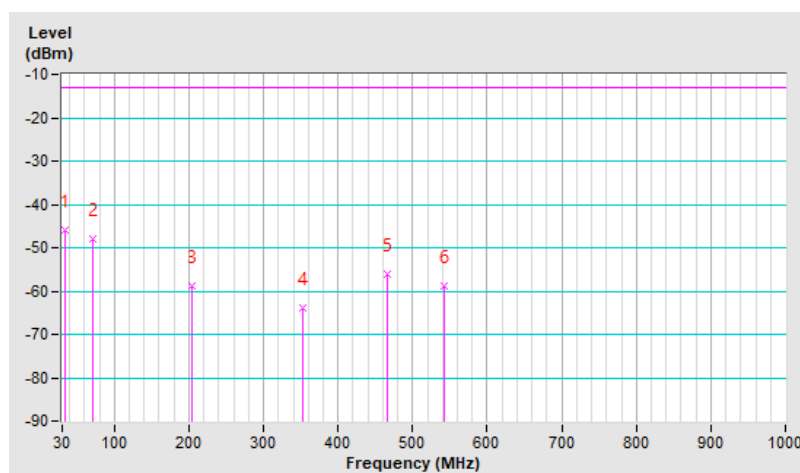


RF Mode	WCDMA Band IV	Channel	CH 1312 : 1712.4 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	34.85	-45.94	-13.00	-32.94	1.00 V	170	59.36	-105.30
2	70.74	-48.11	-13.00	-35.11	2.00 V	122	58.01	-106.12
3	204.60	-58.73	-13.00	-45.73	1.00 V	74	47.49	-106.22
4	353.01	-63.91	-13.00	-50.91	2.00 V	341	36.78	-100.69
5	465.53	-56.24	-13.00	-43.24	1.00 V	167	42.03	-98.27
6	542.16	-58.68	-13.00	-45.68	2.00 V	242	38.53	-97.21

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



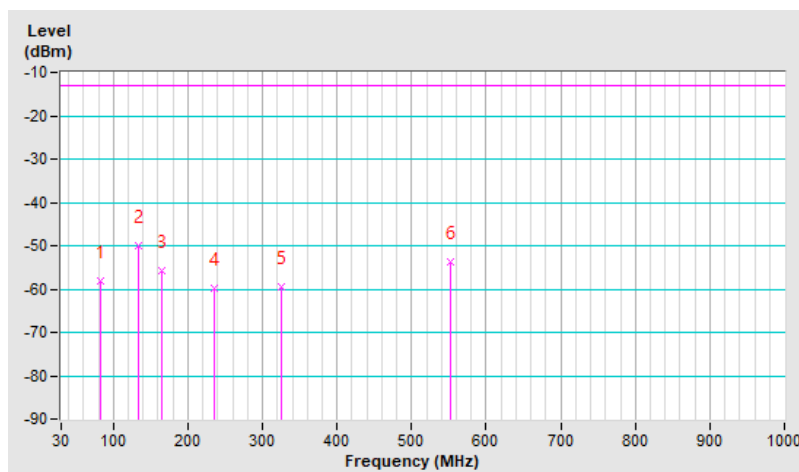
7.2.3 WCDMA Band V

RF Mode	WCDMA Band V	Channel	CH 4182 : 836.4 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	83.35	-58.24	-13.00	-45.24	1.50 H	270	52.96	-111.20
2	133.79	-50.14	-13.00	-37.14	2.00 H	141	56.55	-106.69
3	165.80	-55.63	-13.00	-42.63	1.50 H	166	50.07	-105.70
4	235.64	-59.73	-13.00	-46.73	1.01 H	159	47.19	-106.92
5	325.85	-59.61	-13.00	-46.61	1.01 H	271	43.45	-103.06
6	551.86	-53.57	-13.00	-40.57	1.50 H	281	45.59	-99.16

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

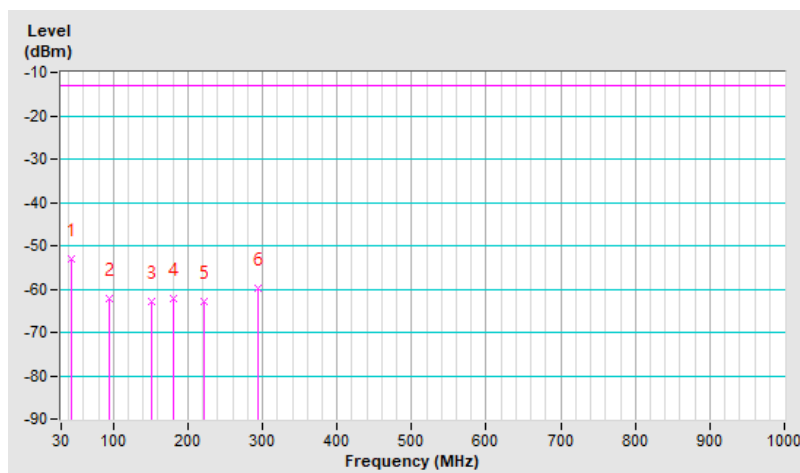


RF Mode	WCDMA Band V	Channel	CH 4182 : 836.4 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	43.58	-53.22	-13.00	-40.22	1.01 V	228	53.33	-106.55
2	94.99	-62.05	-13.00	-49.05	1.50 V	345	49.26	-111.31
3	150.28	-62.90	-13.00	-49.90	2.00 V	280	42.77	-105.67
4	181.32	-62.15	-13.00	-49.15	1.01 V	255	44.95	-107.10
5	222.06	-63.05	-13.00	-50.05	1.01 V	14	45.02	-108.07
6	294.81	-59.69	-13.00	-46.69	2.00 V	170	44.37	-104.06

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



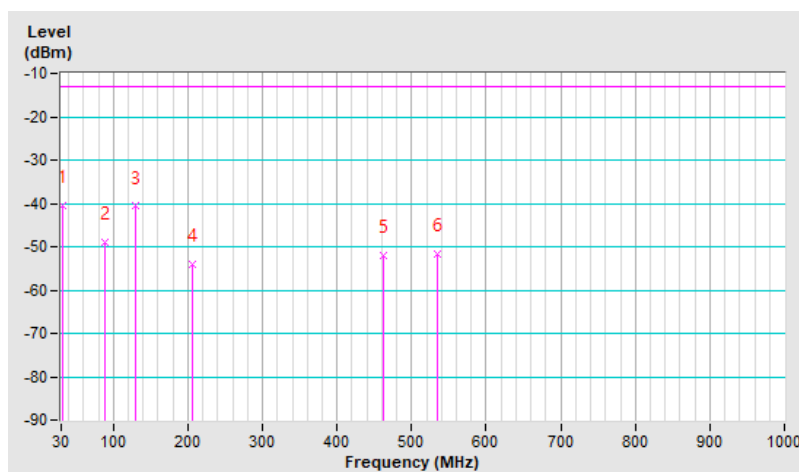
7.2.4 LTE Band 2

RF Mode	LTE Band 2 Channel Bandwidth: 20MHz	Channel	CH 18900 : 1880 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	32.91	-40.64	-13.00	-27.64	1.50 H	268	64.92	-105.56
2	89.17	-49.09	-13.00	-36.09	1.01 H	155	60.47	-109.56
3	129.91	-40.68	-13.00	-27.68	1.50 H	96	64.28	-104.96
4	206.54	-54.13	-13.00	-41.13	1.01 H	6	52.03	-106.16
5	461.65	-52.15	-13.00	-39.15	1.01 H	238	46.16	-98.31
6	535.37	-51.82	-13.00	-38.82	1.50 H	195	45.48	-97.30

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

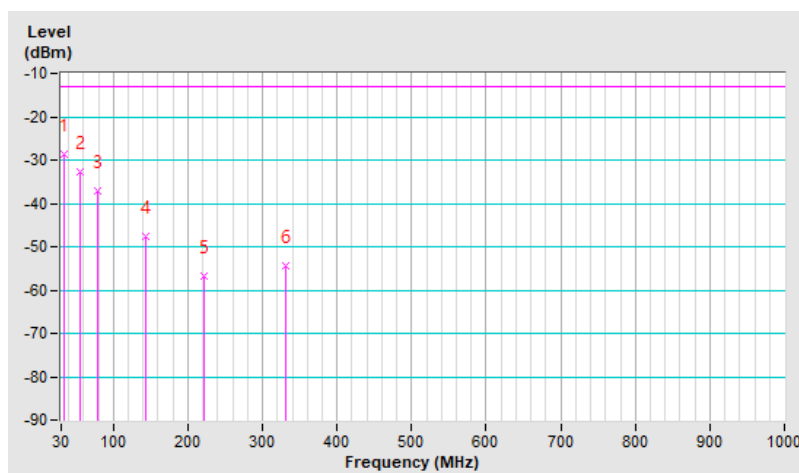


RF Mode	LTE Band 2 Channel Bandwidth: 20MHz	Channel	CH 18900 : 1880 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	34.85	-28.79	-13.00	-15.79	1.00 V	174	76.51	-105.30
2	56.19	-32.86	-13.00	-19.86	1.49 V	305	71.40	-104.26
3	79.47	-37.21	-13.00	-24.21	1.00 V	174	71.08	-108.29
4	142.52	-47.60	-13.00	-34.60	1.00 V	300	56.24	-103.84
5	221.09	-56.87	-13.00	-43.87	1.00 V	19	49.01	-105.88
6	331.67	-54.54	-13.00	-41.54	1.49 V	177	46.27	-100.81

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



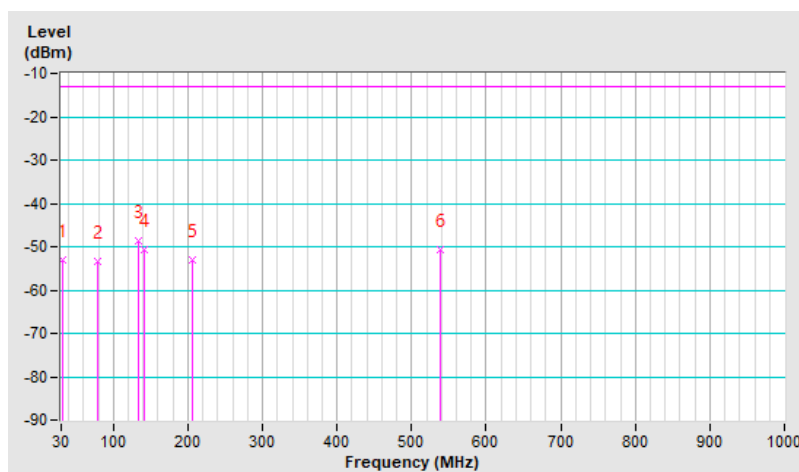
7.2.5 LTE Band 4

RF Mode	LTE Band 4 Channel Bandwidth: 20MHz	Channel	CH 20175 : 1732.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	32.91	-53.22	-13.00	-40.22	1.49 H	0	52.34	-105.56
2	79.47	-53.47	-13.00	-40.47	1.00 H	168	54.82	-108.29
3	133.79	-48.64	-13.00	-35.64	1.49 H	113	55.90	-104.54
4	141.55	-50.54	-13.00	-37.54	1.99 H	227	53.40	-103.94
5	205.57	-53.12	-13.00	-40.12	1.00 H	29	53.08	-106.20
6	539.25	-50.81	-13.00	-37.81	1.49 H	212	46.43	-97.24

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

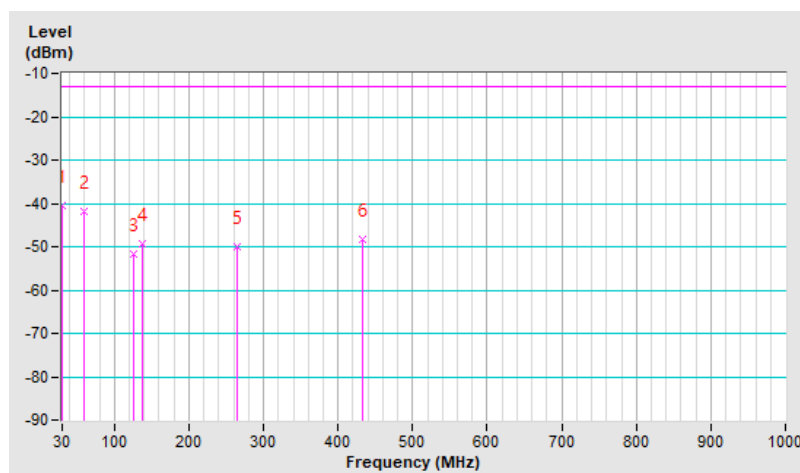


RF Mode	LTE Band 4 Channel Bandwidth: 20MHz	Channel	CH 20175 : 1732.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.00	-40.61	-13.00	-27.61	1.50 V	353	64.93	-105.54
2	59.10	-42.01	-13.00	-29.01	1.00 V	264	62.45	-104.46
3	126.03	-51.66	-13.00	-38.66	2.00 V	82	53.68	-105.34
4	137.67	-49.34	-13.00	-36.34	1.00 V	264	54.85	-104.19
5	264.74	-49.86	-13.00	-36.86	1.00 V	151	53.20	-103.06
6	433.52	-48.16	-13.00	-35.16	2.00 V	338	50.55	-98.71

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



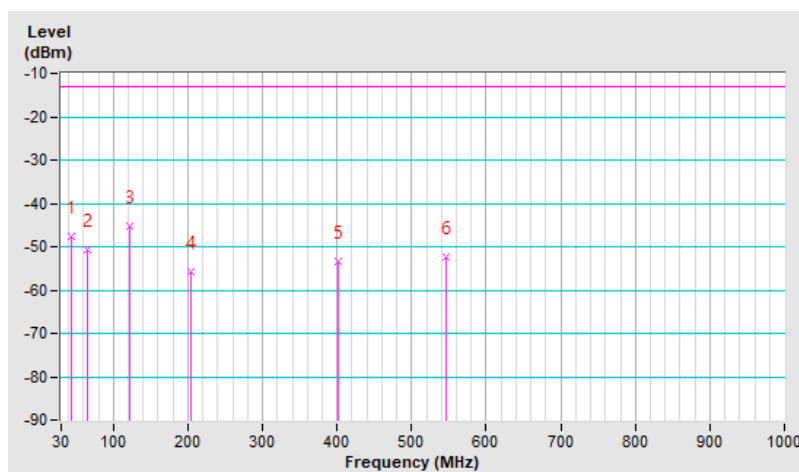
7.2.6 LTE Band 5

RF Mode	LTE Band 5 Channel Bandwidth: 10MHz	Channel	CH 20600 : 844 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	43.58	-47.51	-13.00	-34.51	1.50 H	166	59.04	-106.55
2	65.89	-50.73	-13.00	-37.73	1.50 H	270	56.86	-107.59
3	122.15	-45.38	-13.00	-32.38	1.01 H	135	62.51	-107.89
4	203.63	-55.68	-13.00	-42.68	1.50 H	14	52.70	-108.38
5	401.51	-53.24	-13.00	-40.24	1.01 H	132	48.57	-101.81
6	547.01	-52.33	-13.00	-39.33	1.50 H	272	46.94	-99.27

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

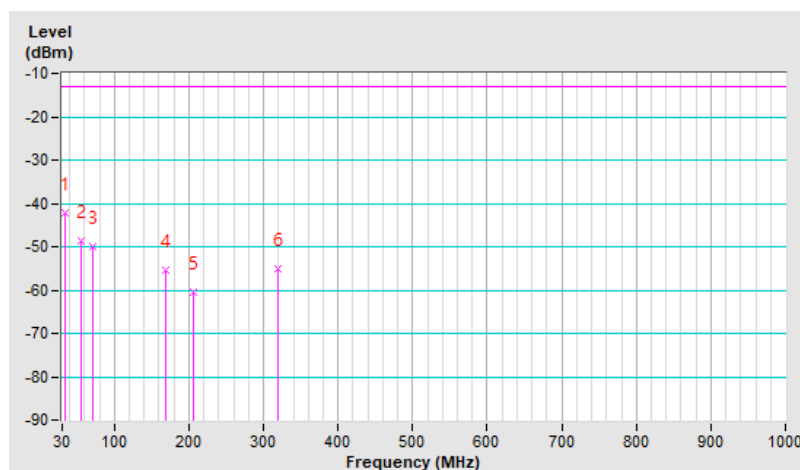


RF Mode	LTE Band 5 Channel Bandwidth: 10MHz	Channel	CH 20600 : 844 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	34.85	-42.24	-13.00	-29.24	1.01 V	252	65.21	-107.45
2	56.19	-48.50	-13.00	-35.50	1.01 V	228	57.91	-106.41
3	70.74	-49.98	-13.00	-36.98	1.50 V	155	58.29	-108.27
4	168.71	-55.47	-13.00	-42.47	2.00 V	184	50.37	-105.84
5	205.57	-60.41	-13.00	-47.41	1.01 V	68	47.94	-108.35
6	319.06	-55.16	-13.00	-42.16	2.00 V	170	48.08	-103.24

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



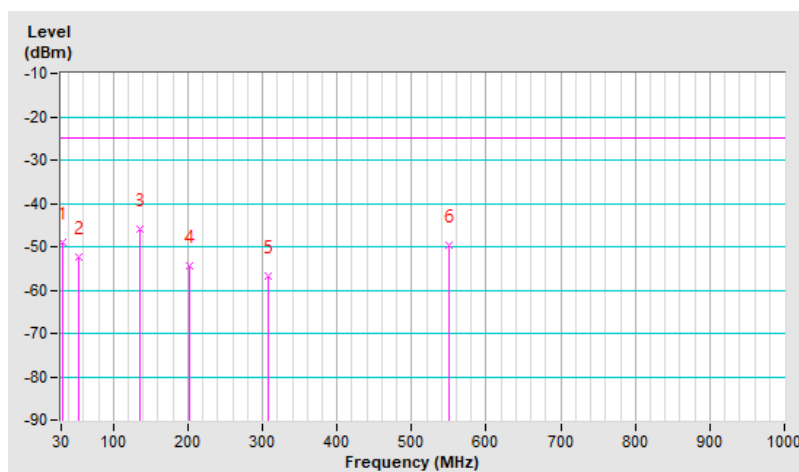
7.2.7 LTE Band 7

RF Mode	LTE Band 7 Channel Bandwidth: 20MHz	Channel	CH 21350 : 2560 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	32.91	-48.88	-25.00	-23.88	1.00 H	328	56.68	-105.56
2	54.25	-52.53	-25.00	-27.53	1.99 H	295	51.77	-104.30
3	135.73	-45.93	-25.00	-20.93	1.00 H	168	58.45	-104.38
4	202.66	-54.26	-25.00	-29.26	1.00 H	291	51.98	-106.24
5	308.39	-56.79	-25.00	-31.79	1.00 H	173	44.67	-101.46
6	549.92	-49.77	-25.00	-24.77	1.49 H	304	47.27	-97.04

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

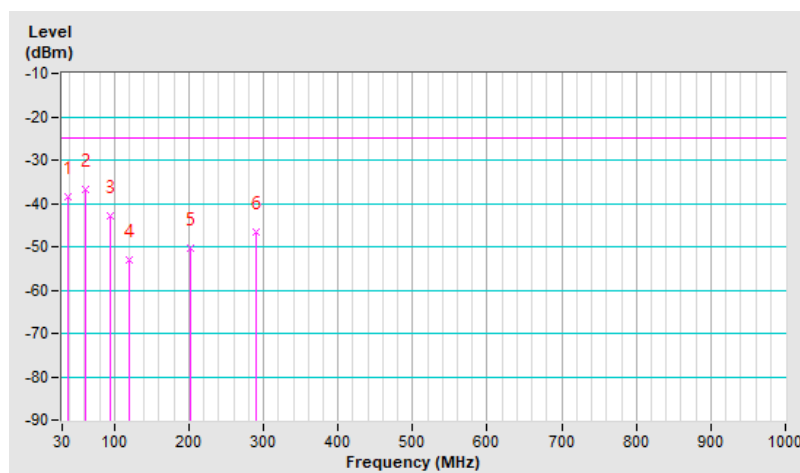


RF Mode	LTE Band 7 Channel Bandwidth: 20MHz	Channel	CH 21350 : 2560 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	37.76	-38.44	-25.00	-13.44	1.49 V	67	66.46	-104.90
2	61.04	-36.69	-25.00	-11.69	1.00 V	75	67.99	-104.68
3	94.02	-42.75	-25.00	-17.75	1.00 V	75	66.55	-109.30
4	120.21	-53.06	-25.00	-28.06	1.99 V	163	52.83	-105.89
5	202.66	-50.49	-25.00	-25.49	1.00 V	75	55.75	-106.24
6	289.96	-46.71	-25.00	-21.71	1.99 V	161	55.30	-102.01

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



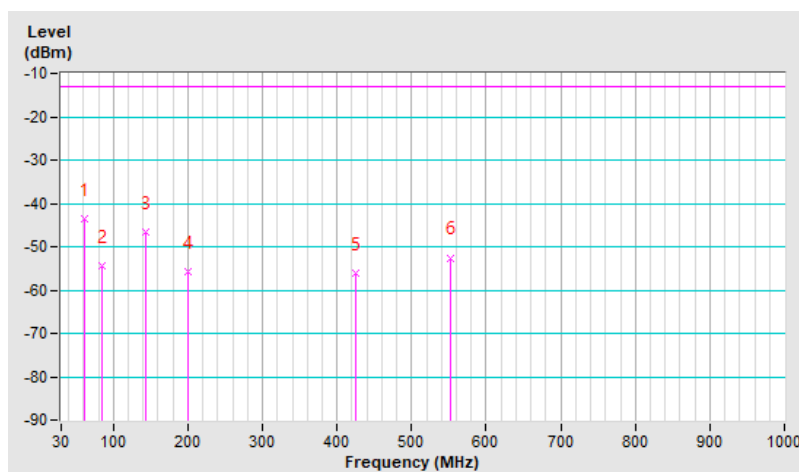
7.2.8 LTE Band 12

RF Mode	LTE Band 12 Channel Bandwidth: 10MHz	Channel	CH 23130 : 711 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	61.04	-43.40	-13.00	-30.40	2.00 H	10	63.43	-106.83
2	84.32	-54.38	-13.00	-41.38	2.00 H	10	56.96	-111.34
3	143.49	-46.45	-13.00	-33.45	1.50 H	268	59.47	-105.92
4	200.72	-55.80	-13.00	-42.80	1.50 H	319	52.61	-108.41
5	424.79	-56.04	-13.00	-43.04	1.50 H	187	45.05	-101.09
6	552.83	-52.54	-13.00	-39.54	1.50 H	302	46.59	-99.13

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

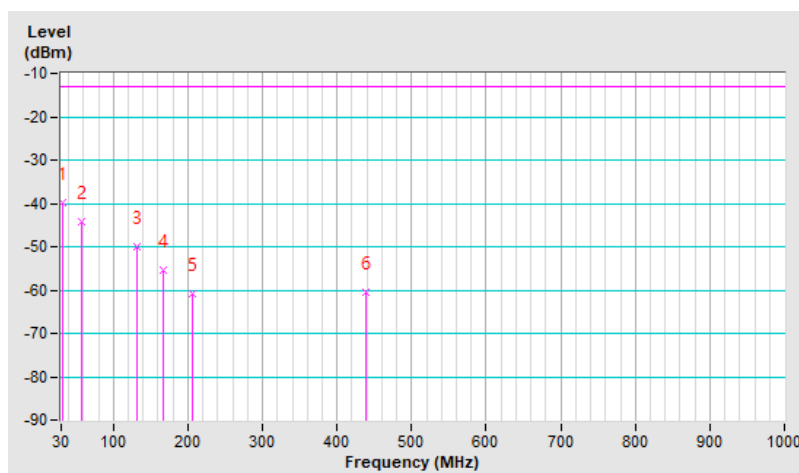


RF Mode	LTE Band 12 Channel Bandwidth: 10MHz	Channel	CH 23130 : 711 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	32.91	-39.67	-13.00	-26.67	1.49 V	195	68.04	-107.71
2	57.16	-44.26	-13.00	-31.26	1.49 V	219	62.41	-106.67
3	131.85	-50.08	-13.00	-37.08	1.00 V	9	56.90	-106.98
4	167.74	-55.41	-13.00	-42.41	1.49 V	168	50.32	-105.73
5	205.57	-60.77	-13.00	-47.77	1.00 V	32	47.58	-108.35
6	439.34	-60.52	-13.00	-47.52	1.49 V	13	40.21	-100.73

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



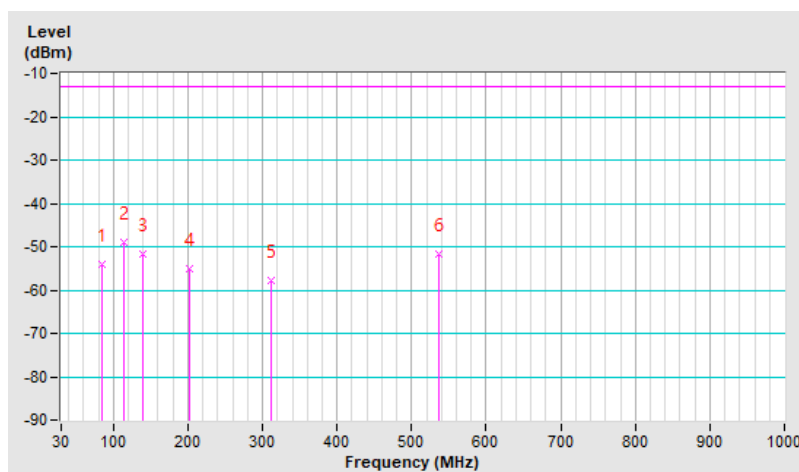
7.2.9 LTE Band 13

RF Mode	LTE Band 13 Channel Bandwidth: 10MHz	Channel	CH 23230 : 782 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	85.29	-54.08	-13.00	-41.08	1.99 H	268	57.41	-111.49
2	113.42	-49.04	-13.00	-36.04	1.00 H	143	59.65	-108.69
3	139.61	-51.57	-13.00	-38.57	1.49 H	110	54.68	-106.25
4	201.69	-55.04	-13.00	-42.04	1.99 H	14	53.36	-108.40
5	311.30	-57.91	-13.00	-44.91	1.00 H	190	45.58	-103.49
6	537.31	-51.61	-13.00	-38.61	1.49 H	217	47.82	-99.43

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

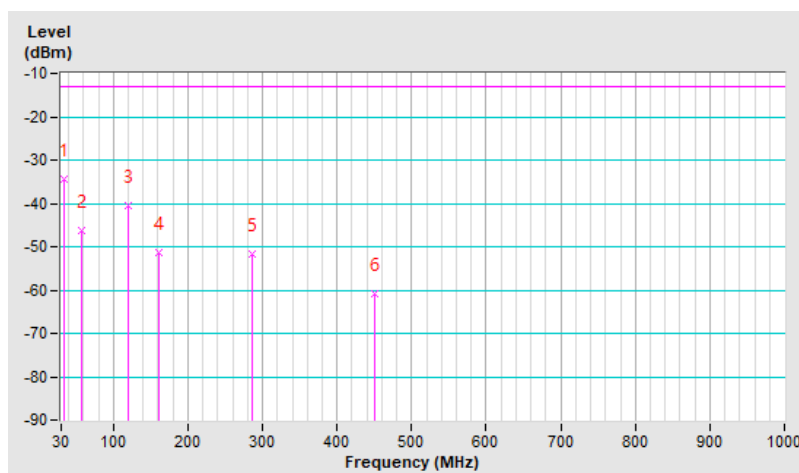


RF Mode	LTE Band 13 Channel Bandwidth: 10MHz	Channel	CH 23230 : 782 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	34.85	-34.53	-13.00	-21.53	1.50 V	115	72.92	-107.45
2	57.16	-46.38	-13.00	-33.38	1.50 V	292	60.29	-106.67
3	120.21	-40.39	-13.00	-27.39	1.01 V	155	67.65	-108.04
4	161.92	-51.23	-13.00	-38.23	2.00 V	197	54.29	-105.52
5	287.05	-51.79	-13.00	-38.79	1.50 V	112	52.43	-104.22
6	450.98	-60.87	-13.00	-47.87	1.01 V	21	39.68	-100.55

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



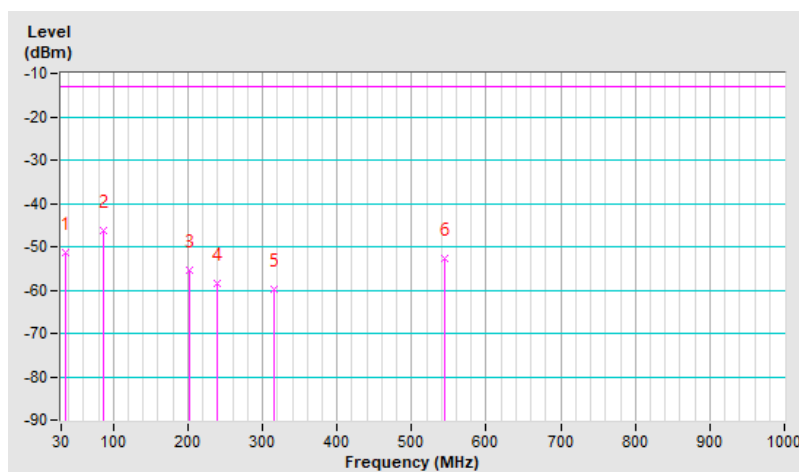
7.2.10 LTE Band 14

RF Mode	LTE Band 14 Channel Bandwidth: 10MHz	Channel	CH 23330 : 793 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	36.79	-51.35	-13.00	-38.35	2.00 H	177	55.92	-107.27
2	87.23	-46.25	-13.00	-33.25	1.51 H	212	65.38	-111.63
3	201.69	-55.57	-13.00	-42.57	1.51 H	359	52.83	-108.40
4	238.55	-58.52	-13.00	-45.52	1.51 H	153	48.08	-106.60
5	315.18	-59.81	-13.00	-46.81	1.01 H	283	43.53	-103.34
6	544.10	-52.55	-13.00	-39.55	1.51 H	276	46.78	-99.33

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

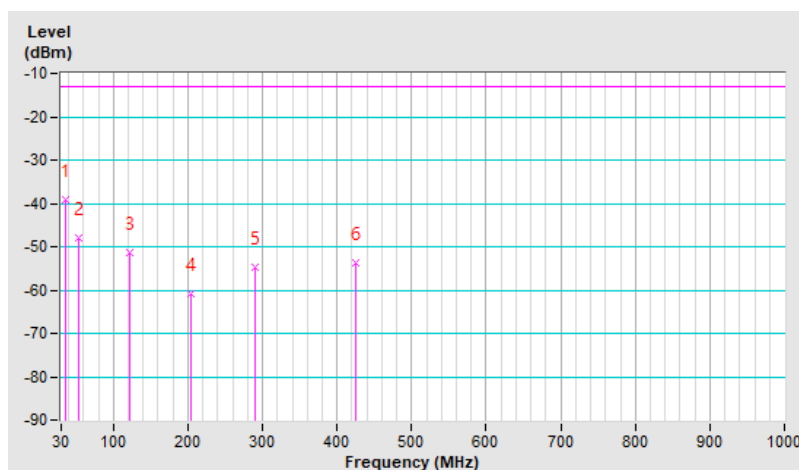


RF Mode	LTE Band 14 Channel Bandwidth: 10MHz	Channel	CH 23330 : 793 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	36.79	-39.26	-13.00	-26.26	1.49 V	190	68.01	-107.27
2	53.28	-48.00	-13.00	-35.00	1.49 V	116	58.30	-106.30
3	122.15	-51.23	-13.00	-38.23	1.49 V	145	56.66	-107.89
4	204.60	-60.91	-13.00	-47.91	1.00 V	46	47.46	-108.37
5	290.93	-54.91	-13.00	-41.91	1.49 V	171	49.23	-104.14
6	424.79	-53.62	-13.00	-40.62	1.99 V	283	47.47	-101.09

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



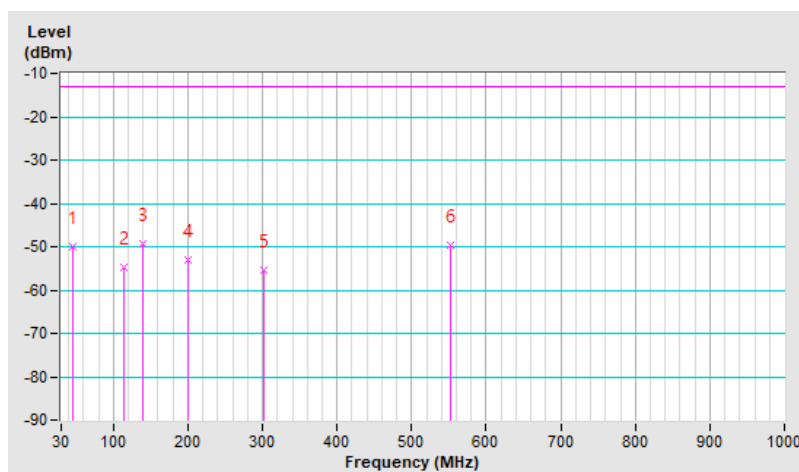
7.2.11 LTE Band 25

RF Mode	LTE Band 25 Channel Bandwidth: 20MHz	Channel	CH 26140 : 1860 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	45.52	-49.97	-13.00	-36.97	1.00 H	190	54.22	-104.19
2	114.39	-54.88	-13.00	-41.88	1.00 H	190	51.55	-106.43
3	139.61	-49.20	-13.00	-36.20	1.00 H	206	54.90	-104.10
4	200.72	-53.18	-13.00	-40.18	1.49 H	7	53.08	-106.26
5	302.57	-55.38	-13.00	-42.38	1.00 H	198	46.27	-101.65
6	551.86	-49.78	-13.00	-36.78	1.49 H	298	47.23	-97.01

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

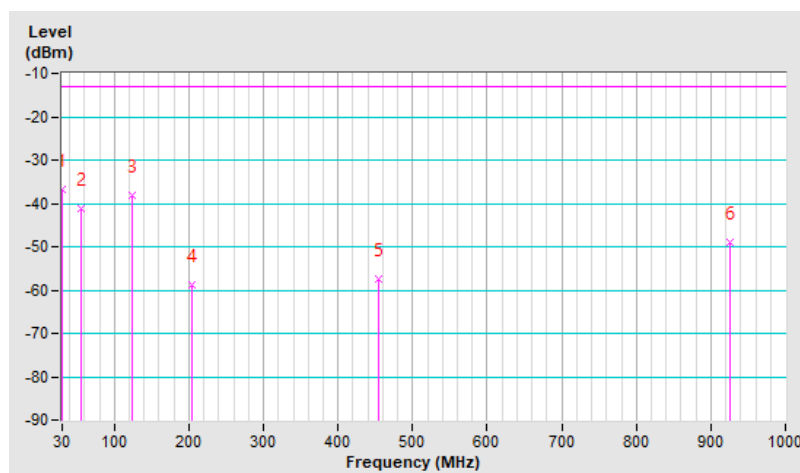


RF Mode	LTE Band 25 Channel Bandwidth: 20MHz	Channel	CH 26140 : 1860 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.00	-36.94	-13.00	-23.94	1.50 V	359	68.60	-105.54
2	56.19	-41.34	-13.00	-28.34	1.50 V	6	62.92	-104.26
3	123.12	-38.08	-13.00	-25.08	2.00 V	150	67.58	-105.66
4	203.63	-58.82	-13.00	-45.82	1.01 V	42	47.41	-106.23
5	453.89	-57.31	-13.00	-44.31	1.50 V	59	41.06	-98.37
6	925.31	-48.91	-13.00	-35.91	2.00 V	114	40.80	-89.71

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



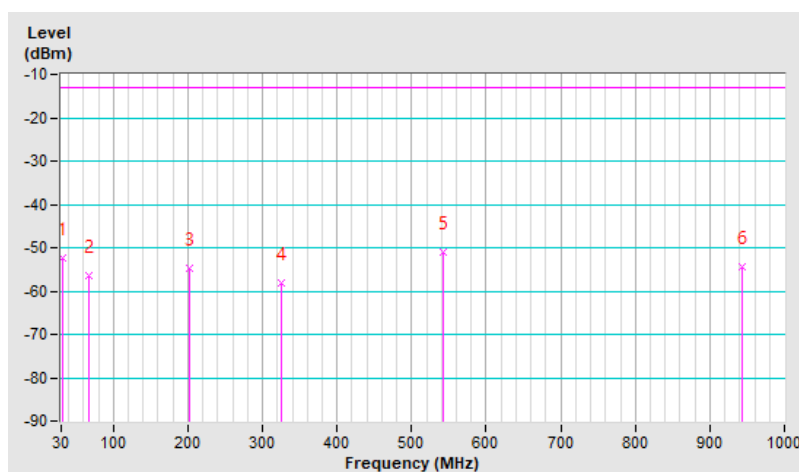
7.2.12 LTE Band 26 (814 MHz ~ 824 MHz)

RF Mode	LTE Band 26 (814 MHz ~ 824 MHz) Channel Bandwidth: 10MHz	Channel	CH 26740 : 819 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	32.91	-52.51	-13.00	-39.51	1.51 H	185	55.20	-107.71
2	66.86	-56.57	-13.00	-43.57	2.00 H	22	50.87	-107.44
3	202.66	-54.75	-13.00	-41.75	1.01 H	36	53.64	-108.39
4	324.88	-58.26	-13.00	-45.26	1.01 H	143	44.82	-103.08
5	542.16	-51.18	-13.00	-38.18	1.51 H	292	48.18	-99.36
6	943.74	-54.44	-13.00	-41.44	1.01 H	191	37.32	-91.76

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

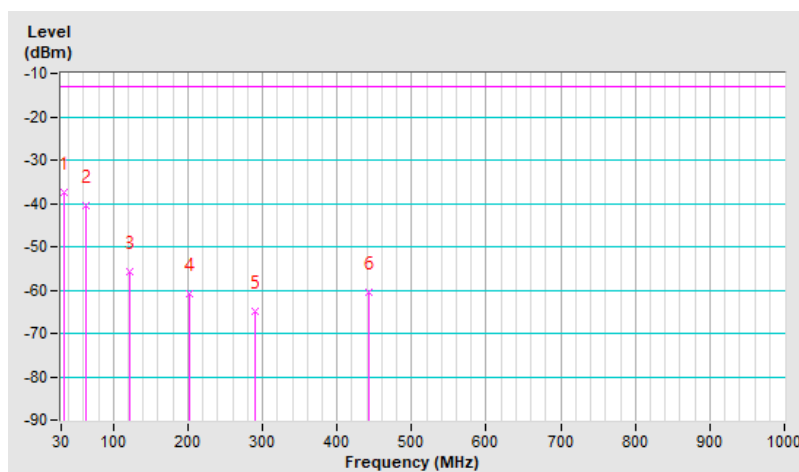


RF Mode	LTE Band 26 (814 MHz ~ 824 MHz) Channel Bandwidth: 10MHz	Channel	CH 26740 : 819 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	34.85	-37.45	-13.00	-24.45	1.00 V	169	70.00	-107.45
2	63.95	-40.46	-13.00	-27.46	1.00 V	163	66.62	-107.08
3	122.15	-55.91	-13.00	-42.91	1.00 V	163	51.98	-107.89
4	202.66	-60.91	-13.00	-47.91	1.00 V	81	47.48	-108.39
5	289.96	-65.04	-13.00	-52.04	1.49 V	252	39.12	-104.16
6	443.22	-60.57	-13.00	-47.57	1.00 V	32	40.09	-100.66

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



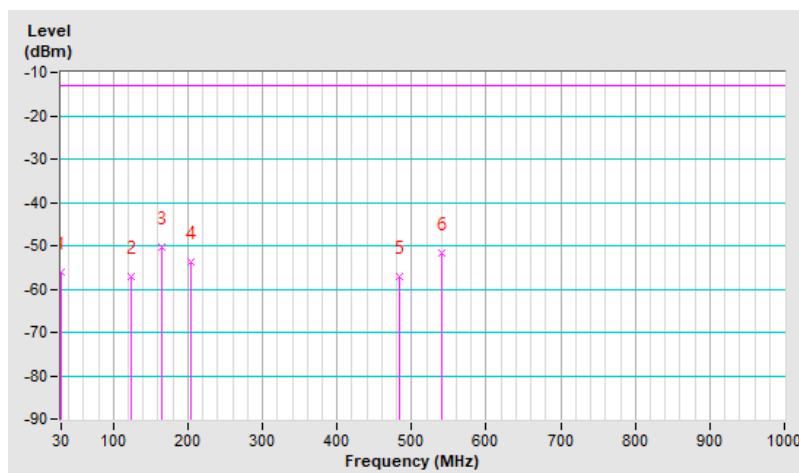
7.2.13 LTE Band 26 (824 MHz ~ 849 MHz)

RF Mode	LTE Band 26 (824 MHz ~ 849 MHz) Channel Bandwidth: 15MHz	Channel	CH 26965 : 841.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.97	-56.00	-13.00	-43.00	1.00 H	122	52.01	-108.01
2	123.12	-57.01	-13.00	-44.01	1.99 H	165	50.80	-107.81
3	165.80	-50.33	-13.00	-37.33	1.00 H	175	55.37	-105.70
4	204.60	-53.66	-13.00	-40.66	1.49 H	3	54.71	-108.37
5	483.96	-56.96	-13.00	-43.96	1.99 H	205	43.32	-100.28
6	541.19	-51.61	-13.00	-38.61	1.49 H	304	47.76	-99.37

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

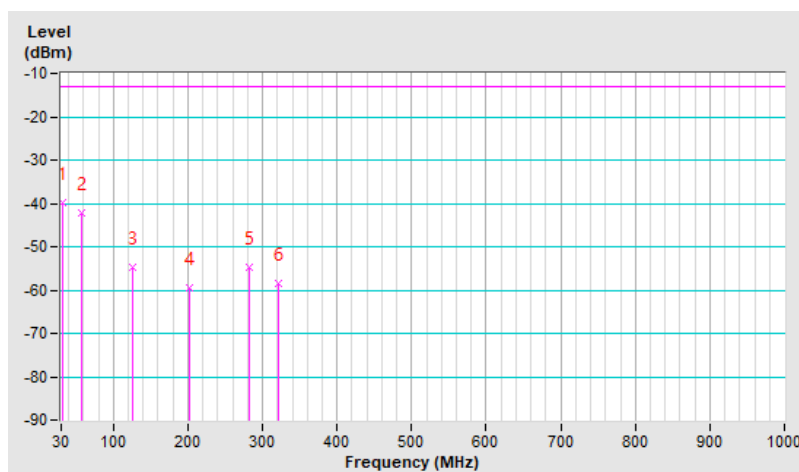


RF Mode	LTE Band 26 (824 MHz ~ 849 MHz) Channel Bandwidth: 15MHz	Channel	CH 26965 : 841.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	32.91	-39.80	-13.00	-26.80	1.01 V	310	67.91	-107.71
2	57.16	-42.13	-13.00	-29.13	1.50 V	110	64.54	-106.67
3	125.06	-54.83	-13.00	-41.83	1.01 V	134	52.73	-107.56
4	202.66	-59.57	-13.00	-46.57	1.01 V	53	48.82	-108.39
5	282.20	-54.68	-13.00	-41.68	1.50 V	124	49.67	-104.35
6	321.97	-58.56	-13.00	-45.56	1.50 V	124	44.60	-103.16

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



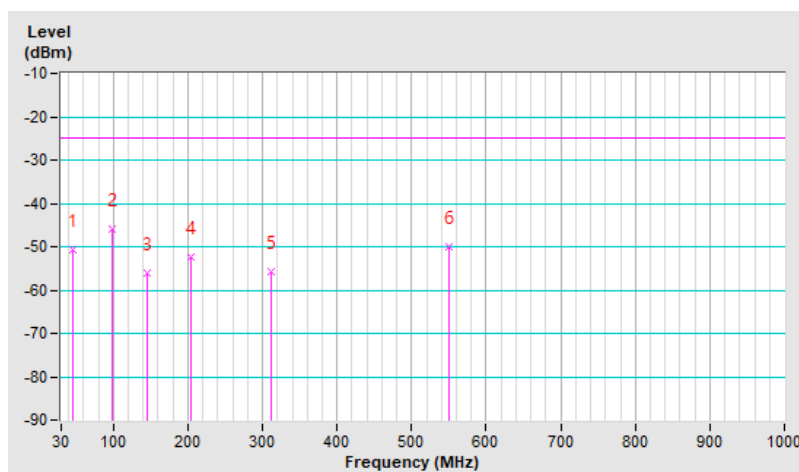
7.2.14 LTE Band 41

RF Mode	LTE Band 41 Channel Bandwidth: 20MHz	Channel	CH 41490 : 2680 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	46.49	-50.84	-25.00	-25.84	1.50 H	211	53.37	-104.21
2	97.90	-46.08	-25.00	-21.08	2.00 H	299	62.66	-108.74
3	144.46	-56.07	-25.00	-31.07	2.00 H	307	47.69	-103.76
4	204.60	-52.27	-25.00	-27.27	1.50 H	331	53.95	-106.22
5	312.27	-55.63	-25.00	-30.63	1.01 H	198	45.67	-101.30
6	549.92	-49.98	-25.00	-24.98	1.50 H	297	47.06	-97.04

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

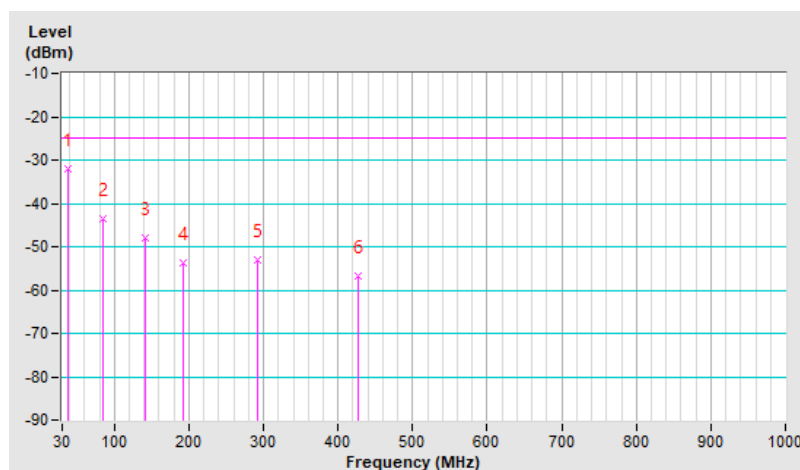


RF Mode	LTE Band 41 Channel Bandwidth: 20MHz	Channel	CH 41490 : 2680 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	37.76	-32.18	-25.00	-7.18	1.00 V	62	72.72	-104.90
2	84.32	-43.48	-25.00	-18.48	1.00 V	172	65.71	-109.19
3	140.58	-48.10	-25.00	-23.10	1.00 V	62	55.92	-104.02
4	192.96	-53.84	-25.00	-28.84	1.49 V	321	52.33	-106.17
5	291.90	-53.11	-25.00	-28.11	1.99 V	299	48.87	-101.98
6	426.73	-56.70	-25.00	-31.70	1.00 V	75	42.19	-98.89

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



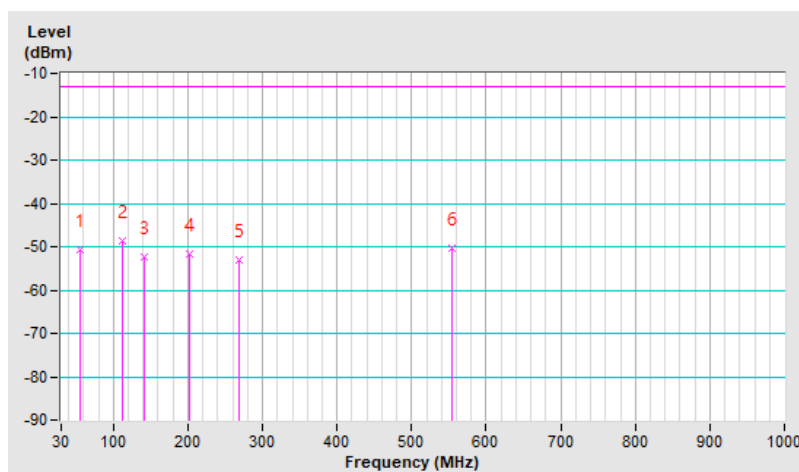
7.2.15 LTE Band 66

RF Mode	LTE Band 66 Channel Bandwidth: 20MHz	Channel	CH 132322 : 1745 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	55.22	-50.62	-13.00	-37.62	1.50 H	68	53.61	-104.23
2	111.48	-48.80	-13.00	-35.80	1.50 H	121	57.94	-106.74
3	141.55	-52.25	-13.00	-39.25	1.50 H	121	51.69	-103.94
4	202.66	-51.74	-13.00	-38.74	1.50 H	351	54.50	-106.24
5	267.65	-53.21	-13.00	-40.21	1.01 H	131	49.66	-102.87
6	554.77	-50.42	-13.00	-37.42	1.50 H	303	46.53	-96.95

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

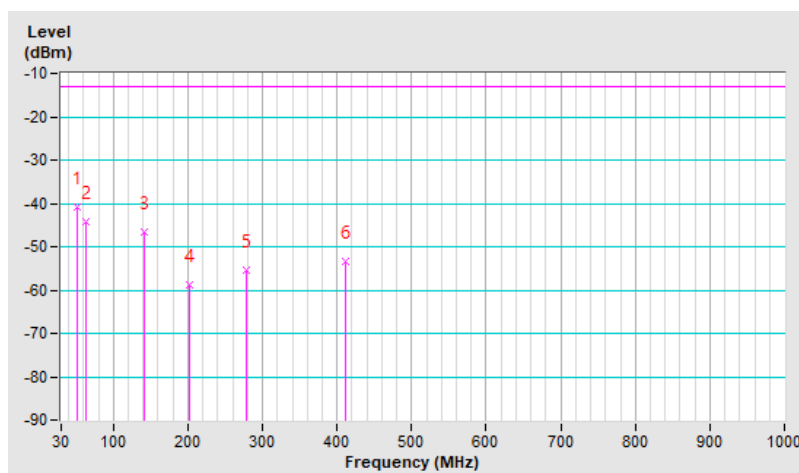


RF Mode	LTE Band 66 Channel Bandwidth: 20MHz	Channel	CH 132322 : 1745 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	51.34	-41.00	-13.00	-28.00	1.99 V	217	63.10	-104.10
2	63.95	-44.35	-13.00	-31.35	1.49 V	235	60.58	-104.93
3	140.58	-46.57	-13.00	-33.57	1.00 V	268	57.45	-104.02
4	202.66	-58.81	-13.00	-45.81	1.00 V	72	47.43	-106.24
5	278.32	-55.29	-13.00	-42.29	1.99 V	217	47.05	-102.34
6	412.18	-53.39	-13.00	-40.39	1.99 V	217	46.01	-99.40

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



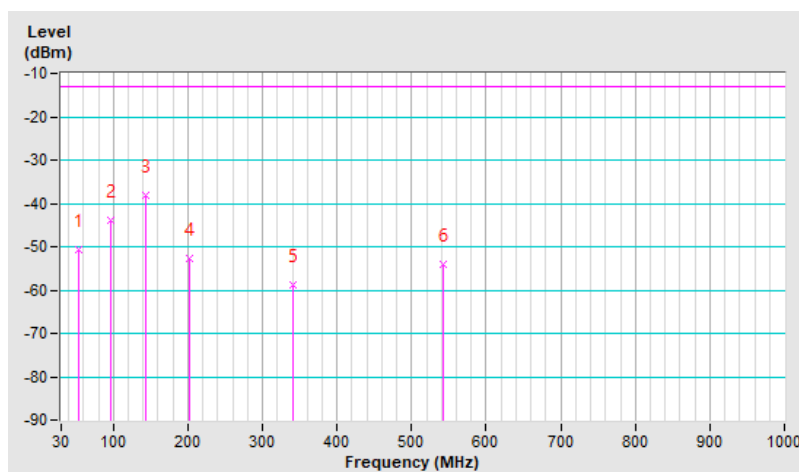
7.2.16 LTE Band 71

RF Mode	LTE Band 71 Channel Bandwidth: 20MHz	Channel	CH 133372 : 688 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	54.25	-50.83	-13.00	-37.83	1.00 H	158	55.62	-106.45
2	95.96	-43.82	-13.00	-30.82	1.99 H	206	67.41	-111.23
3	142.52	-38.11	-13.00	-25.11	1.00 H	184	67.88	-105.99
4	202.66	-52.78	-13.00	-39.78	1.49 H	6	55.61	-108.39
5	340.40	-58.97	-13.00	-45.97	1.00 H	294	44.02	-102.99
6	543.13	-53.98	-13.00	-40.98	1.49 H	208	45.36	-99.34

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

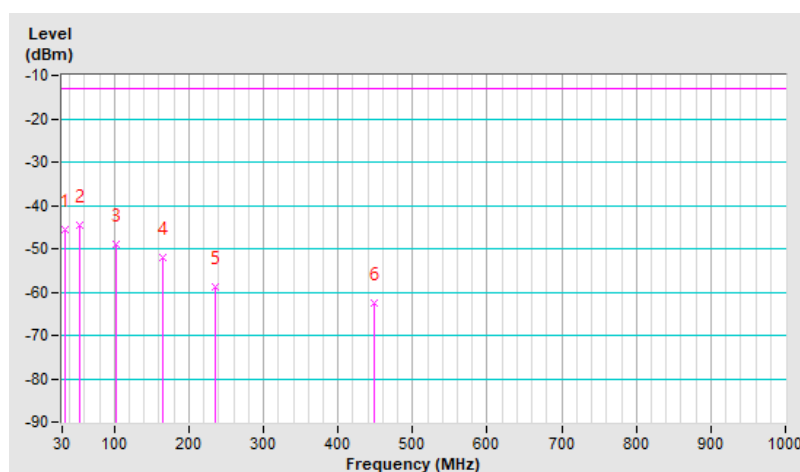


RF Mode	LTE Band 71 Channel Bandwidth: 20MHz	Channel	CH 133372 : 688 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	34.85	-45.61	-13.00	-32.61	2.00 V	210	61.84	-107.45
2	53.28	-44.59	-13.00	-31.59	1.01 V	220	61.71	-106.30
3	102.75	-48.97	-13.00	-35.97	1.01 V	220	61.12	-110.09
4	164.83	-51.92	-13.00	-38.92	1.01 V	220	53.71	-105.63
5	234.67	-58.70	-13.00	-45.70	1.50 V	13	48.35	-107.05
6	448.07	-62.48	-13.00	-49.48	1.01 V	24	38.11	-100.59

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



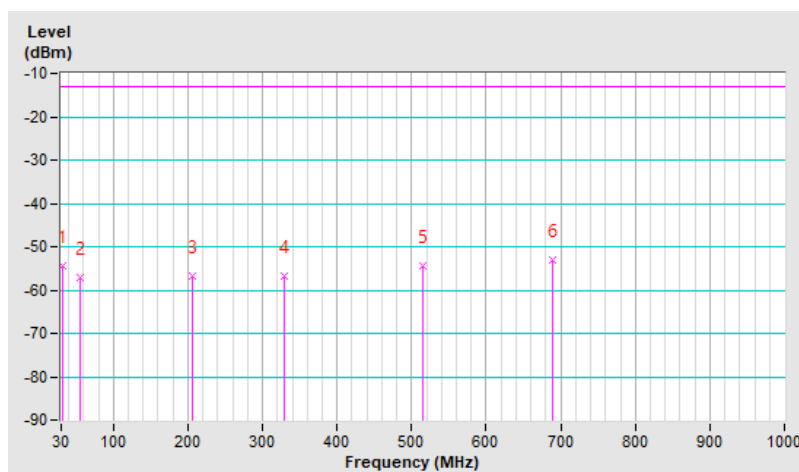
7.2.17 LTE Band 106

RF Mode	LTE Band 106 Channel Bandwidth: 3MHz	Channel	CH 134322 : 899 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	31.94	-54.38	-13.00	-41.38	1.49 H	16	53.39	-107.77
2	56.19	-57.01	-13.00	-44.01	1.99 H	183	49.40	-106.41
3	205.57	-56.67	-13.00	-43.67	1.00 H	14	51.68	-108.35
4	329.73	-56.62	-13.00	-43.62	1.00 H	287	46.35	-102.97
5	515.00	-54.35	-13.00	-41.35	1.49 H	221	45.36	-99.71
6	688.63	-53.04	-13.00	-40.04	1.99 H	221	43.52	-96.56

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

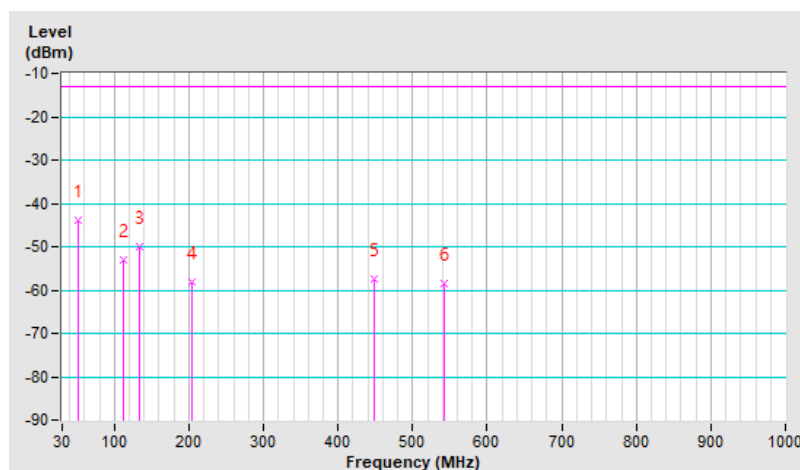


RF Mode	LTE Band 106 Channel Bandwidth: 3MHz	Channel	CH 134322 : 899 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	52.31	-43.82	-13.00	-30.82	1.99 V	210	62.44	-106.26
2	112.45	-53.07	-13.00	-40.07	1.00 V	62	55.70	-108.77
3	133.79	-50.01	-13.00	-37.01	1.49 V	321	56.68	-106.69
4	203.63	-58.21	-13.00	-45.21	1.00 V	49	50.17	-108.38
5	448.07	-57.62	-13.00	-44.62	1.49 V	14	42.97	-100.59
6	543.13	-58.45	-13.00	-45.45	1.49 V	236	40.89	-99.34

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



7.3 Radiated Spurious Emissions above 1GHz

7.3.1 WCDMA Band II

RF Mode	WCDMA Band II	Channel	CH 9262 : 1852.4 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3704.80	-49.86	-13.00	-36.86	1.55 H	223	44.10	-93.96
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3704.80	-49.28	-13.00	-36.28	1.02 V	216	44.68	-93.96

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.2 WCDMA Band IV

RF Mode	WCDMA Band IV	Channel	CH 1312 : 1712.4 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3424.80	-50.94	-13.00	-37.94	1.64 H	135	44.33	-95.27
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3424.80	-50.62	-13.00	-37.62	2.04 V	322	44.65	-95.27

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.3 WCDMA Band V

RF Mode	WCDMA Band V	Channel	CH 4182 : 836.4 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1672.80	-54.94	-13.00	-41.94	2.45 H	265	46.70	-101.64
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1672.80	-55.30	-13.00	-42.30	1.75 V	288	46.34	-101.64

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

7.3.4 LTE Band 2

RF Mode	LTE Band 2 Channel Bandwidth: 20MHz	Channel	CH 18900 : 1880 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3760.00	-50.45	-13.00	-37.45	2.18 H	120	43.28	-93.73
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3760.00	-48.44	-13.00	-35.44	1.50 V	156	45.29	-93.73

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.5 LTE Band 4

RF Mode	LTE Band 4 Channel Bandwidth: 20MHz	Channel	CH 20175 : 1732.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3465.00	-45.94	-13.00	-32.94	1.57 H	226	48.94	-94.88
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3465.00	-46.58	-13.00	-33.58	1.73 V	158	48.30	-94.88

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.6 LTE Band 5

RF Mode	LTE Band 5 Channel Bandwidth: 10MHz	Channel	CH 20600 : 844 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1688.00	-55.47	-13.00	-42.47	3.22 H	80	45.94	-101.41
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1688.00	-55.17	-13.00	-42.17	1.15 V	355	46.24	-101.41

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

7.3.7 LTE Band 5B

RF Mode	LTE Band 5B Channel Bandwidth: 10MHz + 10MHz	Channel	CH 20501 : 834.1 MHz + CH 20600 : 844 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1668.20	-55.19	-13.00	-42.19	3.30 H	89	46.52	-101.71
2	1688.00	-54.98	-13.00	-41.98	3.27 H	81	46.43	-101.41
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1668.20	-55.02	-13.00	-42.02	1.10 V	358	46.69	-101.71
2	1688.00	-54.80	-13.00	-41.80	1.07 V	350	46.61	-101.41

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

7.3.8 LTE Band 7

RF Mode	LTE Band 7 Channel Bandwidth: 20MHz	Channel	CH 21350 : 2560 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5120.00	-47.73	-25.00	-22.73	2.00 H	107	41.85	-89.58
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5120.00	-47.43	-25.00	-22.43	1.56 V	344	42.15	-89.58

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.9 LTE Band 7C

RF Mode	LTE Band 7C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 21152 : 2540.2 MHz + CH 21350 : 2560 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5080.40	-47.83	-25.00	-22.83	2.00 H	104	41.82	-89.65
2	5120.00	-47.82	-25.00	-22.82	1.96 H	108	41.76	-89.58
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5080.40	-47.61	-25.00	-22.61	1.55 V	345	42.04	-89.65
2	5120.00	-47.55	-25.00	-22.55	1.56 V	344	42.03	-89.58

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.10 LTE Band 12

RF Mode	LTE Band 12 Channel Bandwidth: 10MHz	Channel	CH 23130 : 711 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1422.00	-53.86	-13.00	-40.86	1.87 H	316	48.29	-102.15
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1422.00	-56.10	-13.00	-43.10	3.13 V	196	46.05	-102.15

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

7.3.11 LTE Band 13

RF Mode	LTE Band 13 Channel Bandwidth: 10MHz	Channel	CH 23230 : 782 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1564.00	-55.10	-40.00	-15.10	1.84 H	225	45.38	-100.48
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1564.00	-55.06	-40.00	-15.06	1.69 V	330	45.42	-100.48

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.12 LTE Band 14

RF Mode	LTE Band 14 Channel Bandwidth: 10MHz	Channel	CH 23330 : 793 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1586.00	-55.00	-40.00	-15.00	1.99 H	245	45.41	-100.41
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1586.00	-54.83	-40.00	-14.83	1.78 V	350	45.58	-100.41

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.13 LTE Band 25

RF Mode	LTE Band 25 Channel Bandwidth: 20MHz	Channel	CH 26140 : 1860 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3720.00	-46.79	-13.00	-33.79	2.36 H	136	47.11	-93.90
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3720.00	-49.12	-13.00	-36.12	1.48 V	349	44.78	-93.90

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.14 LTE Band 26 (814 MHz ~ 824 MHz)

RF Mode	LTE Band 26 (814 MHz ~ 824 MHz) Channel Bandwidth: 10MHz	Channel	CH 26740 : 819 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1638.00	-44.30	-13.00	-31.30	1.78 H	31	57.83	-102.13
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1638.00	-46.32	-13.00	-33.32	3.57 V	7	55.81	-102.13

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

7.3.15 LTE Band 26 (824 MHz ~ 849 MHz)

RF Mode	LTE Band 26 (824 MHz ~ 849 MHz) Channel Bandwidth: 15MHz	Channel	CH 26965 : 841.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1683.00	-43.79	-13.00	-30.79	1.72 H	33	57.69	-101.48
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1683.00	-45.91	-13.00	-32.91	3.53 V	10	55.57	-101.48

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

7.3.16 LTE Band 41

RF Mode	LTE Band 41 Channel Bandwidth: 20MHz	Channel	CH 41490 : 2680 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5360.00	-46.91	-25.00	-21.91	2.14 H	165	43.35	-90.26
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5360.00	-47.02	-25.00	-22.02	1.58 V	244	43.24	-90.26

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.17 LTE Band 41C

RF Mode	LTE Band 41C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 41292 : 2660.2 MHz + CH 41490 : 2680 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5320.40	-46.94	-25.00	-21.94	2.26 H	161	43.49	-90.43
2	5360.00	-46.87	-25.00	-21.87	2.22 H	158	43.39	-90.26
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5320.40	-47.06	-25.00	-22.06	1.58 V	220	43.37	-90.43
2	5360.00	-47.04	-25.00	-22.04	1.52 V	231	43.22	-90.26

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.18 LTE Band 66

RF Mode	LTE Band 66 Channel Bandwidth: 20MHz	Channel	CH 132322 : 1745 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3490.00	-43.05	-13.00	-30.05	1.67 H	140	51.58	-94.63
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3490.00	-43.22	-13.00	-30.22	1.79 V	220	51.41	-94.63

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.19 LTE Band 71

RF Mode	LTE Band 71 Channel Bandwidth: 20MHz	Channel	CH 133372 : 688 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1376.00	-56.68	-13.00	-43.68	1.57 H	291	45.41	-102.09
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1376.00	-56.87	-13.00	-43.87	1.82 V	143	45.22	-102.09

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

7.3.20 LTE Band 106

RF Mode	LTE Band 106 Channel Bandwidth: 3MHz	Channel	CH 134322 : 899 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1798.00	-52.97	-13.00	-39.97	1.25 H	277	46.42	-99.39
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1798.00	-52.74	-13.00	-39.74	1.84 V	354	46.65	-99.39

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

9 Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

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The address and road map of all our labs can be found in our web site also.

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