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.:	RFBEDV-WTW-P23030565-3
FCC ID:	G95RG525FNA
Product:	Module
Brand:	Vantiva
Model No.:	RG525FNA
Received Date:	2023/3/16
Test Date:	2023/4/17 ~ 2023/6/5
Issued Date:	2023/7/27
Applicant:	Vantiva USA LLC
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Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Lin Kou Laboratories
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Test Location:	No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kewi Shan Dist., Taoyuan City 33383, Taiwan
FCC Registration / Designation Number:	788550 / TW0003

Approved by: Jeremy . Lin , **Date:** 2023/7/27

Jeremy Lin / Project Engineer

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Prepared by : Polly Chien / Specialist

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Release Control Record

Issue No.	Description	Date Issued
RFBEDV-WTW-P23030565-3	Original release.	2023/7/27

1 Certificate

Product:	Module
Brand:	Vantiva
Test Model:	RG525FNA
Sample Status:	Engineering sample
Applicant:	Vantiva USA LLC
Test Date:	2023/4/17 ~ 2023/6/5
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

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			
Standard / Clause	Test Item	Result	Remark
FCC 47 CFR Part 2.1046 FCC 47 CFR Part 22.913 (a) FCC 47 CFR Part 24.232 (c) FCC 47 CFR Part 27.50(d) FCC 47 CFR Part 27.50(h) FCC 47 CFR Part 27.50(c) FCC 47 CFR Part 27.50(b) FCC 47 CFR Part 90.635(b) FCC 47 CFR Part 90.542(a)(7)	Effective Radiated Power and Equivalent Isotropically Radiated Power	Pass	Meet the requirement of limit.
FCC 47 CFR Part 2.1047	Modulation Characteristics	NA	Refer to Note
FCC 47 CFR Part 22.913 (d) FCC 47 CFR Part 24.232 (d) FCC 47 CFR Part 27.50(d)	Peak to Average Ratio	NA	Refer to Note
FCC 47 CFR Part 2.1049	Bandwidth	NA	Refer to Note
FCC 47 CFR Part 2.1051 FCC 47 CFR Part 22.917 FCC 47 CFR Part 24.238 FCC 47 CFR Part 27.53(h) FCC 47 CFR Part 27.53(m) FCC 47 CFR Part 27.53(g) FCC 47 CFR Part 27.53(c)(f) FCC 47 CFR Part 90.691 FCC 47 CFR Part 90.543(e)(f)	Conducted Spurious Emissions	NA	Refer to Note
FCC 47 CFR Part 2.1053 FCC 47 CFR Part 22.917 FCC 47 CFR Part 24.238 FCC 47 CFR Part 27.53(h) FCC 47 CFR Part 27.53(m) FCC 47 CFR Part 27.53(g) FCC 47 CFR Part 27.53(c)(f) FCC 47 CFR Part 90.691 FCC 47 CFR Part 90.543(e)(f)	Radiated Spurious Emissions below 1GHz	Pass	Minimum passing margin is -24.79 dB at 146.68 MHz
FCC 47 CFR Part 2.1053 FCC 47 CFR Part 22.917 FCC 47 CFR Part 24.238 FCC 47 CFR Part 27.53(h) FCC 47 CFR Part 27.53(m) FCC 47 CFR Part 27.53(g) FCC 47 CFR Part 27.53(c)(f) FCC 47 CFR Part 90.691 FCC 47 CFR Part 90.543(e)(f)	Radiated Spurious Emissions above 1GHz	Pass	Minimum passing margin is -14.43 dB at 5070.00 MHz

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			
Standard / Clause	Test Item	Result	Remark
FCC 47 CFR Part 2.1055 FCC 47 CFR Part 22.355 FCC 47 CFR Part 24.235 FCC 47 CFR Part 27.54 FCC 47 CFR Part 90.213 FCC 47 CFR Part 90.539(e)	Frequency Stability	NA	Refer to Note

Note:

1. This report is issued as a supplementary report. Therefore, only test item of Maximum Peak Output Power and Radiated Spurious Emissions were performed for this report. Other testing data please refer to MRT Technology (Suzhou) Co., Ltd report no.: 2211RSU034-U1 and 2211RSU034-U3, for module (Brand: Quectel, Model: RG525F-NA). The EUT has disabled the LTE disabled Bands 14/17/30/42/43/LTE CA mode/HUPE in the LTE Bands 38/41/42/43 mode by software.
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:

Measurement	Specification	Expanded Uncertainty (k=2) (±)
Radiated Spurious Emissions below 1GHz	9 kHz ~ 30 MHz	3.59 dB
	30 MHz ~ 1 GHz	3.60 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	Module
Brand	Vantiva
Test Model	RG525FNA
Status of EUT	Engineering sample
Power Supply Rating	Refer to Note

Note:

1. EUT Overview

Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power			
		QPSK	16QAM	64QAM	256QAM
LTE Band 2 (Channel Bandwidth 1.4MHz)	1850.7-1909.3	452.898mW (26.56dBm)	381.944mW (25.82dBm)	288.403mW (24.60dBm)	146.893mW (21.67dBm)
LTE Band 2 (Channel Bandwidth 3MHz)	1851.5-1908.5	439.542mW (26.43dBm)	381.944mW (25.82dBm)	279.254mW (24.46dBm)	146.218mW (21.65dBm)
LTE Band 2 (Channel Bandwidth 5MHz)	1852.5-1907.5	449.780mW (26.53dBm)	375.837mW (25.75dBm)	277.332mW (24.43dBm)	144.544mW (21.60dBm)
LTE Band 2 (Channel Bandwidth 10MHz)	1855.0-1905.0	444.631mW (26.48dBm)	381.944mW (25.82dBm)	281.190mW (24.49dBm)	147.231mW (21.68dBm)
LTE Band 2 (Channel Bandwidth 15MHz)	1857.5-1902.5	451.856mW (26.55dBm)	382.825mW (25.83dBm)	284.446mW (24.54dBm)	147.911mW (21.70dBm)
LTE Band 2 (Channel Bandwidth 20MHz)	1860.0-1900.0	453.942mW (26.57dBm)	389.045mW (25.90dBm)	287.740mW (24.59dBm)	150.661mW (21.78dBm)
LTE Band 4 (Channel Bandwidth 1.4MHz)	1710.7-1754.3	421.697mW (26.25dBm)	343.558mW (25.36dBm)	267.917mW (24.28dBm)	136.458mW (21.35dBm)
LTE Band 4 (Channel Bandwidth 3MHz)	1711.5-1753.5	414.000mW (26.17dBm)	343.558mW (25.36dBm)	257.632mW (24.11dBm)	136.144mW (21.34dBm)
LTE Band 4 (Channel Bandwidth 5MHz)	1712.5-1752.5	421.697mW (26.25dBm)	342.768mW (25.35dBm)	258.821mW (24.13dBm)	135.831mW (21.33dBm)
LTE Band 4 (Channel Bandwidth 10MHz)	1715.0-1750.0	423.643mW (26.27dBm)	341.193mW (25.33dBm)	258.226mW (24.12dBm)	134.896mW (21.30dBm)
LTE Band 4 (Channel Bandwidth 15MHz)	1717.5-1747.5	424.620mW (26.28dBm)	347.536mW (25.41dBm)	260.016mW (24.15dBm)	136.773mW (21.36dBm)
LTE Band 4 (Channel Bandwidth 20MHz)	1720.0-1745.0	427.563mW (26.31dBm)	347.536mW (25.41dBm)	264.241mW (24.22dBm)	137.088mW (21.37dBm)
LTE Band 7 (Channel Bandwidth 5MHz)	2502.5-2567.5	532.108mW (27.26dBm)	426.580mW (26.30dBm)	341.193mW (25.33dBm)	171.002mW (22.33dBm)
LTE Band 7 (Channel Bandwidth 10MHz)	2505.0-2565.0	533.335mW (27.27dBm)	433.511mW (26.37dBm)	345.939mW (25.39dBm)	174.181mW (22.41dBm)
LTE Band 7 (Channel Bandwidth 15MHz)	2507.5-2562.5	540.754mW (27.33dBm)	434.510mW (26.38dBm)	349.945mW (25.44dBm)	175.792mW (22.45dBm)
LTE Band 7 (Channel Bandwidth 20MHz)	2510.0-2560.0	547.016mW (27.38dBm)	437.522mW (26.41dBm)	353.183mW (25.48dBm)	177.011mW (22.48dBm)

Band / Bandwidth		TX Frequency Range (MHz)	Max. EIRP Power			
			QPSK	16QAM	64QAM	256QAM
LTE Band 25 (Channel Bandwidth 1.4MHz)		1850.7-1914.3	462.381mW (26.65dBm)	374.111mW (25.73dBm)	293.089mW (24.67dBm)	145.881mW (21.64dBm)
LTE Band 25 (Channel Bandwidth 3MHz)		1851.5-1913.5	460.257mW (26.63dBm)	372.392mW (25.71dBm)	291.743mW (24.65dBm)	144.212mW (21.59dBm)
LTE Band 25 (Channel Bandwidth 5MHz)		1852.5-1912.5	457.088mW (26.60dBm)	378.443mW (25.78dBm)	289.068mW (24.61dBm)	145.546mW (21.63dBm)
LTE Band 25 (Channel Bandwidth 10MHz)		1855.0-1910.0	456.037mW (26.59dBm)	372.392mW (25.71dBm)	291.743mW (24.65dBm)	146.218mW (21.65dBm)
LTE Band 25 (Channel Bandwidth 15MHz)		1857.5-1907.5	464.515mW (26.67dBm)	381.944mW (25.82dBm)	293.089mW (24.67dBm)	146.893mW (21.67dBm)
LTE Band 25 (Channel Bandwidth 20MHz)		1860.0-1905.0	465.586mW (26.68dBm)	382.825mW (25.83dBm)	296.483mW (24.72dBm)	148.936mW (21.73dBm)
For Part 22	LTE Band 26 (Channel Bandwidth 1.4MHz)	824.7-848.3	177.419mW (22.49dBm)	148.594mW (21.72dBm)	118.850mW (20.75dBm)	57.677mW (17.61dBm)
	LTE Band 26 (Channel Bandwidth 3MHz)	825.5-847.5	179.887mW (22.55dBm)	146.893mW (21.67dBm)	120.781mW (20.82dBm)	57.943mW (17.63dBm)
	LTE Band 26 (Channel Bandwidth 5MHz)	826.5-846.5	179.061mW (22.53dBm)	149.624mW (21.75dBm)	119.124mW (20.76dBm)	58.210mW (17.65dBm)
	LTE Band 26 (Channel Bandwidth 10MHz)	829.0-844.0	181.134mW (22.58dBm)	153.462mW (21.86dBm)	121.060mW (20.83dBm)	58.345mW (17.66dBm)
	LTE Band 26 (Channel Bandwidth 15MHz)	831.5-841.5	183.231mW (22.63dBm)	153.462mW (21.86dBm)	121.899mW (20.86dBm)	58.884mW (17.70dBm)
For Part 90	LTE Band 26 (Channel Bandwidth 1.4MHz)	814.7-823.3	174.181mW (22.41dBm)	145.881mW (21.64dBm)	116.681mW (20.67dBm)	56.624mW (17.53dBm)
	LTE Band 26 (Channel Bandwidth 3MHz)	815.5-822.5	175.792mW (22.45dBm)	148.594mW (21.72dBm)	118.577mW (20.74dBm)	56.885mW (17.55dBm)
	LTE Band 26 (Channel Bandwidth 5MHz)	816.5-821.5	175.792mW (22.45dBm)	146.893mW (21.67dBm)	116.950mW (20.68dBm)	57.148mW (17.57dBm)
	LTE Band 26 (Channel Bandwidth 10MHz)	819.0	176.604mW (22.47dBm)	148.252mW (21.71dBm)	118.850mW (20.75dBm)	57.280mW (17.58dBm)
LTE Band 66 (Channel Bandwidth 1.4 MHz)		1710.7-1779.3	431.519mW (26.35dBm)	349.945mW (25.44dBm)	273.527mW (24.37dBm)	138.995mW (21.43dBm)
LTE Band 66 (Channel Bandwidth 3MHz)		1711.5-1778.5	431.519mW (26.35dBm)	344.350mW (25.37dBm)	275.423mW (24.40dBm)	137.088mW (21.37dBm)
LTE Band 66 (Channel Bandwidth 5MHz)		1712.5-1777.5	428.549mW (26.32dBm)	348.337mW (25.42dBm)	276.058mW (24.41dBm)	136.773mW (21.36dBm)
LTE Band 66 (Channel Bandwidth 10MHz)		1715.0-1775.0	421.697mW (26.25dBm)	345.144mW (25.38dBm)	272.898mW (24.36dBm)	136.773mW (21.36dBm)
LTE Band 66 (Channel Bandwidth 15MHz)		1717.5-1772.5	432.514mW (26.36dBm)	350.752mW (25.45dBm)	278.612mW (24.45dBm)	139.316mW (21.44dBm)
LTE Band 66 (Channel Bandwidth 20MHz)		1720.0-1770.0	435.512mW (26.39dBm)	352.371mW (25.47dBm)	279.254mW (24.46dBm)	140.929mW (21.49dBm)

Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power			
		QPSK	16QAM	64QAM	256QAM
(Power class II)					
LTE Band 38 (Channel Bandwidth 5MHz)	2572.5-2617.5	1078.947mW (30.33dBm)	870.964mW (29.40dBm)	693.426mW (28.41dBm)	345.144mW (25.38dBm)
LTE Band 38 (Channel Bandwidth 10MHz)	2575.0-2615.0	1078.947mW (30.33dBm)	872.971mW (29.41dBm)	682.339mW (28.34dBm)	340.408mW (25.32dBm)
LTE Band 38 (Channel Bandwidth 15MHz)	2577.5-2612.5	1096.478mW (30.40dBm)	874.984mW (29.42dBm)	696.627mW (28.43dBm)	348.337mW (25.42dBm)
LTE Band 38 (Channel Bandwidth 20MHz)	2580.0-2610.0	1101.539mW (30.42dBm)	879.023mW (29.44dBm)	699.842mW (28.45dBm)	350.752mW (25.45dBm)
LTE Band 41 (Channel Bandwidth 5MHz)	2498.5-2687.5	1109.175mW (30.45dBm)	885.116mW (29.47dBm)	696.627mW (28.43dBm)	357.273mW (25.53dBm)
LTE Band 41 (Channel Bandwidth 10MHz)	2501.0-2685.0	1109.175mW (30.45dBm)	872.971mW (29.41dBm)	688.652mW (28.38dBm)	352.371mW (25.47dBm)
LTE Band 41 (Channel Bandwidth 15MHz)	2503.5-2682.5	1119.438mW (30.49dBm)	881.049mW (29.45dBm)	703.072mW (28.47dBm)	353.997mW (25.49dBm)
LTE Band 41 (Channel Bandwidth 20MHz)	2506.0-2680.0	1122.018mW (30.50dBm)	889.201mW (29.49dBm)	714.496mW (28.54dBm)	359.749mW (25.56dBm)
(Power class III)					
LTE Band 38 (Channel Bandwidth 5MHz)	2572.5-2617.5	685.488mW (28.36dBm)	543.250mW (27.35dBm)	445.656mW (26.49dBm)	218.273mW (23.39dBm)
LTE Band 38 (Channel Bandwidth 10MHz)	2575.0-2615.0	688.652mW (28.38dBm)	548.277mW (27.39dBm)	439.542mW (26.43dBm)	217.270mW (23.37dBm)
LTE Band 38 (Channel Bandwidth 15MHz)	2577.5-2612.5	690.240mW (28.39dBm)	550.808mW (27.41dBm)	448.745mW (26.52dBm)	220.293mW (23.43dBm)
LTE Band 38 (Channel Bandwidth 20MHz)	2580.0-2610.0	696.627mW (28.43dBm)	557.186mW (27.46dBm)	456.037mW (26.59dBm)	222.331mW (23.47dBm)
LTE Band 41 (Channel Bandwidth 5MHz)	2498.5-2687.5	711.214mW (28.52dBm)	564.937mW (27.52dBm)	446.684mW (26.50dBm)	224.388mW (23.51dBm)
LTE Band 41 (Channel Bandwidth 10MHz)	2501.0-2685.0	714.496mW (28.54dBm)	574.116mW (27.59dBm)	452.898mW (26.56dBm)	227.510mW (23.57dBm)
LTE Band 41 (Channel Bandwidth 15MHz)	2503.5-2682.5	722.770mW (28.59dBm)	584.790mW (27.67dBm)	469.894mW (26.72dBm)	227.510mW (23.57dBm)
LTE Band 41 (Channel Bandwidth 20MHz)	2506.0-2680.0	727.780mW (28.62dBm)	590.201mW (27.71dBm)	472.063mW (26.74dBm)	230.675mW (23.63dBm)

Band / Bandwidth	TX Frequency Range (MHz)	Max. ERP Power			
		QPSK	16QAM	64QAM	256QAM
LTE Band 5 (Channel Bandwidth 1.4MHz)	824.7-848.3	190.985mW (22.81dBm)	154.882mW (21.90dBm)	124.165mW (20.94dBm)	60.395mW (17.81dBm)
LTE Band 5 (Channel Bandwidth 3MHz)	825.5-847.5	190.108mW (22.79dBm)	155.597mW (21.92dBm)	125.026mW (20.97dBm)	60.534mW (17.82dBm)
LTE Band 5 (Channel Bandwidth 5MHz)	826.5-846.5	192.309mW (22.84dBm)	156.675mW (21.95dBm)	125.603mW (20.99dBm)	61.094mW (17.86dBm)
LTE Band 5 (Channel Bandwidth 10MHz)	829.0-844.0	194.536mW (22.89dBm)	160.325mW (22.05dBm)	127.057mW (21.04dBm)	62.230mW (17.94dBm)
LTE Band 12 (Channel Bandwidth 1.4MHz)	699.7-715.3	142.561mW (21.54dBm)	115.611mW (20.63dBm)	94.189mW (19.74dBm)	46.345mW (16.66dBm)
LTE Band 12 (Channel Bandwidth 3MHz)	700.5-714.5	142.889mW (21.55dBm)	116.145mW (20.65dBm)	94.624mW (19.76dBm)	46.026mW (16.63dBm)
LTE Band 12 (Channel Bandwidth 5MHz)	701.5-713.5	142.889mW (21.55dBm)	118.032mW (20.72dBm)	95.719mW (19.81dBm)	46.559mW (16.68dBm)
LTE Band 12 (Channel Bandwidth 10MHz)	704.0-711.0	143.880mW (21.58dBm)	118.032mW (20.72dBm)	96.828mW (19.86dBm)	46.989mW (16.72dBm)

Band / Bandwidth	TX Frequency Range (MHz)	Max. ERP Power			
		QPSK	16QAM	64QAM	256QAM
LTE Band 13 (Channel Bandwidth 5MHz)	779.5-784.5	167.494mW (22.24dBm)	141.254mW (21.50dBm)	112.202mW (20.50dBm)	55.463mW (17.44dBm)
LTE Band 13 (Channel Bandwidth 10MHz)	782.0	167.880mW (22.25dBm)	141.254mW (21.50dBm)	112.202mW (20.50dBm)	55.463mW (17.44dBm)
LTE Band 71 (Channel Bandwidth 5MHz)	665.5-695.5	137.721mW (21.39dBm)	108.143mW (20.34dBm)	85.114mW (19.30dBm)	42.954mW (16.33dBm)
LTE Band 71 (Channel Bandwidth 10MHz)	668.0-693.0	134.896mW (21.30dBm)	109.396mW (20.39dBm)	85.901mW (19.34dBm)	43.251mW (16.36dBm)
LTE Band 71 (Channel Bandwidth 15MHz)	670.5-690.5	137.088mW (21.37dBm)	109.901mW (20.41dBm)	86.497mW (19.37dBm)	44.055mW (16.44dBm)
LTE Band 71 (Channel Bandwidth 20MHz)	673.0-688.0	138.357mW (21.41dBm)	110.662mW (20.44dBm)	86.896mW (19.39dBm)	44.157mW (16.45dBm)

2. 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. The EUT is authorized for use in specific End-product. Please refer to below for more details.

Brand	Model	Specification
WIFI Gateway	Vantiva	MGA5331

*The models as above are electrically identical, different models are for marketing purpose.

4. The adapter for the End-product.

AC Adapter		
Brand	Model	Specification
HONOR	ADS-42FI-12 12042EPCU-L	AC Input: 100-120V~ 50/60Hz 1.2A max. DC Output: 12VDC, 3.5A, 42W DC Output Cable: 1.5m, Non-Shielded

3.2 Antenna Description of EUT

1. The antenna information is listed as below.

Ant. No.	Ant. 0	Ant. 3
Antenna Type	PCB	PCB
Antenna Connector	Ipex(MHF)	Ipex(MHF)
Band	Gain (dBi)	Gain (dBi)
Band 2	5.05	3.47
Band 4	4.84	3.96
Band 5	2.38	1.58
Band 7	5.02	5.70
Band 12	1.12	1.99
Band 13	2.02	0.87
Band 25	5.05	3.47
Band 26 (Part 22)	2.38	1.75
Band 26 (Part 90)	2.30	1.75
Band 38	5.43	6.11
Band 41	5.43	6.17
Band 66	4.84	3.96
Band 71	1.12	1.99

* 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. The EUT LTE bands 7, 38 and 41 are transmitted via anttena 3, and other LTE bands are transmitted via antenna 0.

3.3 Test Mode Applicability and Tested Channel Detail

Pre-Scan:	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:	X-axis/ Y-axis/ Z-axis Worst Condition: X-axis

For LTE Band 2

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	18607 (1850.70 MHz) 18900 (1880.00 MHz) 19193 (1909.30 MHz)	1.4 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	18615 (1851.50 MHz) 18900 (1880.00 MHz) 19185 (1908.50 MHz)	3 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	18625 (1852.50 MHz) 18900 (1880.00 MHz) 19175 (1907.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	18650 (1855.00 MHz) 18900 (1880.00 MHz) 19150 (1905.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	18675 (1857.50 MHz) 18900 (1880.00 MHz) 19125 (1902.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	18700 (1860.00 MHz) 18900 (1880.00 MHz) 19100 (1900.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	19175 (1907.50 MHz)	5 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	18607 (1850.70 MHz) 18900 (1880.00 MHz) 19193 (1909.30 MHz)	1.4 MHz	QPSK	1 RB
	18625 (1852.50 MHz) 18900 (1880.00 MHz) 19175 (1907.50 MHz)	5 MHz	QPSK	1 RB
	18700 (1860.00 MHz) 18900 (1880.00 MHz) 19100 (1900.00 MHz)	20 MHz	QPSK	1 RB

For LTE Band 4

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	19957 (1710.70 MHz) 20175 (1732.50 MHz) 20393 (1754.30 MHz)	1.4 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	19965 (1711.50 MHz) 20175 (1732.50 MHz) 20385 (1753.50 MHz)	3 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	19975 (1712.50 MHz) 20175 (1732.50 MHz) 20375 (1752.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	20000 (1715.00 MHz) 20175 (1732.50 MHz) 20350 (1750.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	20025 (1717.50 MHz) 20175 (1732.50 MHz) 20325 (1747.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	20050 (1720.00 MHz) 20175 (1732.50 MHz) 20300 (1745.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	20300 (1745.00 MHz)	20 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	19957 (1710.70 MHz) 20175 (1732.50 MHz) 20393 (1754.30 MHz)	1.4 MHz	QPSK	1 RB
	19975 (1712.50 MHz) 20175 (1732.50 MHz) 20375 (1752.50 MHz)	5 MHz	QPSK	1 RB
	20050 (1720.00 MHz) 20175 (1732.50 MHz) 20300 (1745.00 MHz)	20 MHz	QPSK	1 RB

For LTE Band 5

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
ERP	20407 (824.70 MHz) 20525 (836.50 MHz) 20643 (848.30 MHz)	1.4 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	20415 (825.50 MHz) 20525 (836.50 MHz) 20635 (847.50 MHz)	3 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	20425 (826.50 MHz) 20525 (836.50 MHz) 20625 (846.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	20450 (829.00 MHz) 20525 (836.50 MHz) 20600 (844.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	20525 (836.50 MHz)	10 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	20407 (824.70 MHz) 20525 (836.50 MHz) 20643 (848.30 MHz)	1.4 MHz	QPSK	1 RB
	20425 (826.50 MHz) 20525 (836.50 MHz) 20625 (846.50 MHz)	5 MHz	QPSK	1 RB
	20450 (829.00 MHz) 20525 (836.50 MHz) 20600 (844.00 MHz)	10 MHz	QPSK	1 RB

For LTE Band 7

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	20775 (2502.50 MHz) 21100 (2535.00 MHz) 21425 (2567.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	20800 (2505.00 MHz) 21100 (2535.00 MHz) 21400 (2565.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	20825 (2507.50 MHz) 21100 (2535.00 MHz) 21375 (2562.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	20850 (2510.00 MHz) 21100 (2535.00 MHz) 21350 (2560.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	21100 (2535.00 MHz)	20 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	20775 (2502.50 MHz) 21100 (2535.00 MHz) 21425 (2567.50 MHz)	5 MHz	QPSK	1 RB
	20850 (2510.00 MHz) 21100 (2535.00 MHz) 21350 (2560.00 MHz)	20 MHz	QPSK	1 RB

For LTE Band 12

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
ERP	23017 (699.70 MHz) 23095 (707.50 MHz) 23173 (715.30 MHz)	1.4 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	23025 (700.50 MHz) 23095 (707.50 MHz) 23165 (714.50 MHz)	3 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	23035 (701.50 MHz) 23095 (707.50 MHz) 23155 (713.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	23060 (704.00 MHz) 23095 (707.50 MHz) 23130 (711.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	23095 (707.50 MHz)	10 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	23017 (699.70 MHz) 23095 (707.50 MHz) 23173 (715.30 MHz)	1.4 MHz	QPSK	1 RB
	23035 (701.50 MHz) 23095 (707.50 MHz) 23155 (713.50 MHz)	5 MHz	QPSK	1 RB
	23060 (704.00 MHz) 23095 (707.50 MHz) 23130 (711.00 MHz)	10 MHz	QPSK	1 RB

For LTE Band 13

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
ERP	23205 (779.50 MHz) 23230 (782.00 MHz) 23255 (784.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	23230 (782.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	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	23205 (779.50 MHz) 23230 (782.00 MHz) 23255 (784.50 MHz)	5 MHz	QPSK	1 RB
	23230 (782.00 MHz)	10 MHz	QPSK	1 RB

For LTE Band 25

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	26047 (1850.70 MHz) 26365 (1882.50 MHz) 26683 (1914.30 MHz)	1.4 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	26055 (1851.50 MHz) 26365 (1882.50 MHz) 26675 (1913.50 MHz)	3 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	26065 (1852.50 MHz) 26365 (1882.50 MHz) 26665 (1912.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	26090 (1855.00 MHz) 26365 (1882.50 MHz) 26640 (1910.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	26115 (1857.50 MHz) 26365 (1882.50 MHz) 26615 (1907.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	26140 (1860.00 MHz) 26365 (1882.50 MHz) 26590 (1905.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	26365 (1882.50 MHz)	20 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	26047 (1850.70 MHz) 26365 (1882.50 MHz) 26683 (1914.30 MHz)	1.4 MHz	QPSK	1 RB
	26065 (1852.50 MHz) 26365 (1882.50 MHz) 26665 (1912.50 MHz)	5 MHz	QPSK	1 RB
	26140 (1860.00 MHz) 26365 (1882.50 MHz) 26590 (1905.00 MHz)	20 MHz	QPSK	1 RB

For LTE Band 26 (Part 22)

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	26797 (824.70 MHz) 26915 (836.50 MHz) 27033 (848.30 MHz)	1.4 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	26805 (825.50 MHz) 26915 (836.50 MHz) 27025 (847.50 MHz)	3 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	26815 (826.50 MHz) 26915 (836.50 MHz) 27015 (846.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	26840 (829.00 MHz) 26915 (836.50 MHz) 26990 (844.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	26865 (831.50 MHz) 26915 (836.50 MHz) 26965 (841.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	26915 (836.50 MHz	15 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	26797 (824.70 MHz) 26915 (836.50 MHz) 27033 (848.30 MHz)	1.4 MHz	QPSK	1 RB
	26815 (826.50 MHz) 26915 (836.50 MHz) 27015 (846.50 MHz)	5 MHz	QPSK	1 RB
	26865 (831.50 MHz) 26915 (836.50 MHz) 26965 (841.50 MHz)	15 MHz	QPSK	1 RB

For LTE Band 26 (Part 90)

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	26697 (814.70 MHz) 26740 (819.00 MHz) 26783 (823.30 MHz)	1.4 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	26705 (815.50 MHz) 26740 (819.00 MHz) 26775 (822.50 MHz)	3 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	26715 (816.50 MHz) 26740 (819.00 MHz) 26765 (821.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	26740 (819.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	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	26697 (814.70 MHz) 26740 (819.00 MHz) 26783 (823.30 MHz)	1.4 MHz	QPSK	1 RB
	26715 (816.50 MHz) 26740 (819.00 MHz) 26765 (821.50 MHz)	5 MHz	QPSK	1 RB
	26740 (819.00 MHz)	10 MHz	QPSK	1 RB

For LTE Band 38

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	37775 (2572.5MHz) 38000 (2595.0MHz) 38225 (2617.5MHz)	5MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	37800 (2575.0MHz) 38000 (2595.0MHz, 38200 (2615.0MHz)	10MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	37825 (2577.5MHz) 38000 (2595.0MHz) 38175 (2612.5MHz)	15MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	37850 (2580.0MHz) 38000 (2595.0MHz) 38150 (2610.0MHz)	20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	38000 (2595.0MHz)	20MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	37775 (2572.5MHz) 38000 (2595.0MHz) 38225 (2617.5MHz)	5MHz	QPSK	1 RB
	37850 (2580.0MHz) 38000 (2595.0MHz) 38150 (2610.0MHz)	20MHz	QPSK	1 RB

For LTE Band 41

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	39675 (2498.50 MHz) 40620 (2593.00 MHz) 41565 (2687.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	39700 (2501.00 MHz) 40620 (2593.00 MHz) 41540 (2685.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	39725 (2503.50 MHz) 40620 (2593.00 MHz) 41515 (2682.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	39750 (2506.00 MHz) 40620 (2593.00 MHz) 41490 (2680.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	40620 (2593.00 MHz)	20 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	39675 (2498.50 MHz) 40620 (2593.00 MHz) 41565 (2687.50 MHz)	5 MHz	QPSK	1 RB
	39750 (2506.00 MHz) 40620 (2593.00 MHz) 41490 (2680.00 MHz)	20 MHz	QPSK	1 RB

For LTE Band 66

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	131979 (1710.70 MHz) 132322 (1745.00 MHz) 132665 (1779.30 MHz)	1.4 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	131987 (1711.50 MHz) 132322 (1745.00 MHz) 132657 (1778.50 MHz)	3 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	131997 (1712.50 MHz) 132322 (1745.00 MHz) 132647 (1777.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	132022 (1715.00 MHz) 132322 (1745.00 MHz) 132622 (1775.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	132047 (1717.50 MHz) 132322 (1745.00 MHz) 132597 (1772.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	132072 (1720.00 MHz) 132322 (1745.00 MHz) 132572 (1770.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	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	131979 (1710.70 MHz) 132322 (1745.00 MHz) 132665 (1779.30 MHz)	1.4 MHz	QPSK	1 RB
	131997 (1712.50 MHz) 132322 (1745.00 MHz) 132647 (1777.50 MHz)	5 MHz	QPSK	1 RB
	132072 (1720.00 MHz) 132322 (1745.00 MHz) 132572 (1770.00 MHz)	20 MHz	QPSK	1 RB

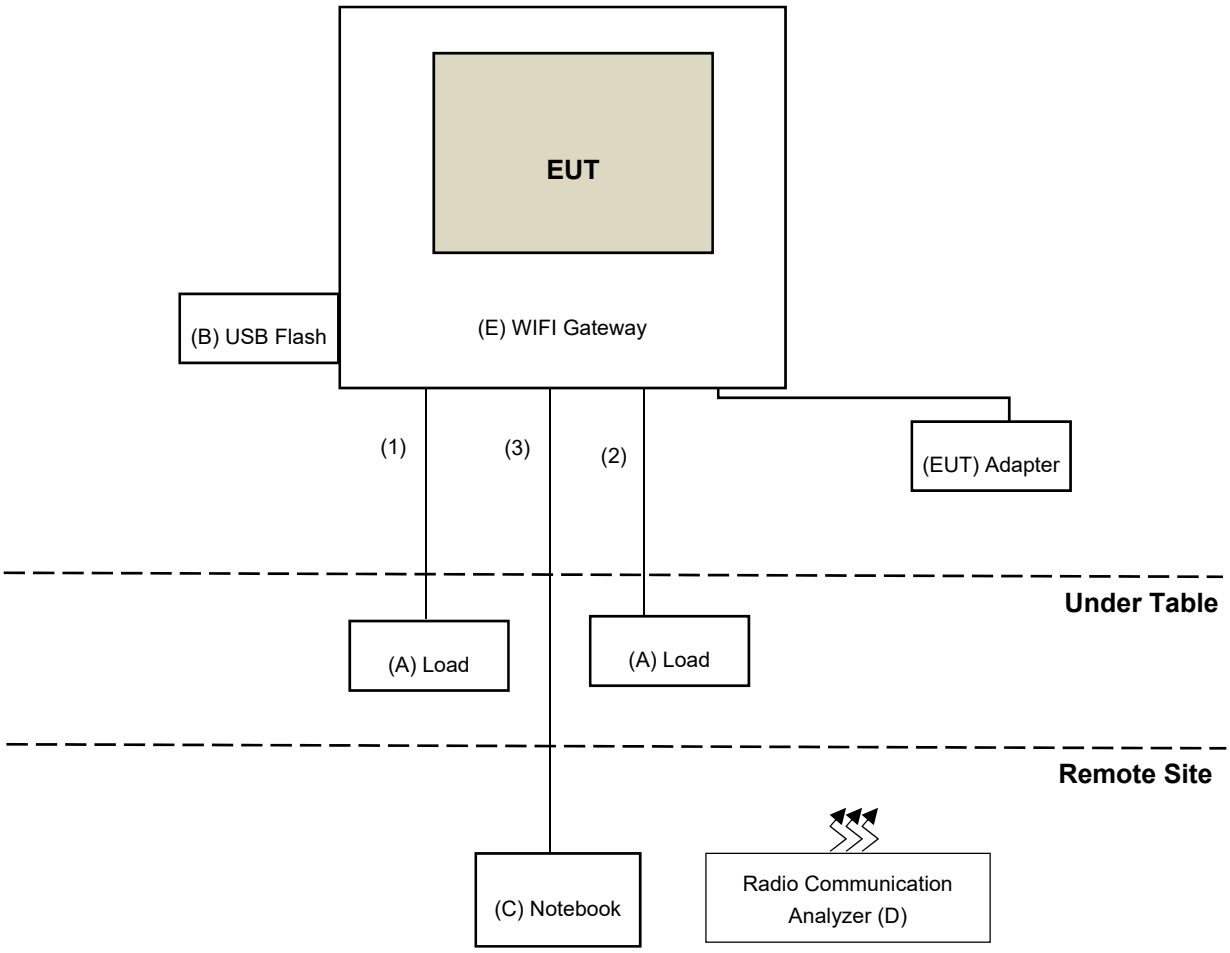
For LTE Band 71

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
ERP	133147 (665.50 MHz) 133297 (680.50 MHz) 133447 (695.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	133172 (668.00 MHz) 133297 (680.50 MHz) 133422 (693.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	133197 (670.50 MHz) 133297 (680.50 MHz) 133397 (690.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	133222 (673.00 MHz) 133297 (680.50 MHz) 133372 (688.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	133297 (680.50 MHz)	5 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	133147 (665.50 MHz) 133297 (680.50 MHz) 133447 (695.50 MHz)	5 MHz	QPSK	1 RB
	133222 (673.00 MHz) 133297 (680.50 MHz) 133372 (688.00 MHz)	20 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.	Load*2	N/A	N/A	N/A	N/A	Provided by Lab
B.	USB Flash	SanDisk	SDDDC3-032G	N/A	N/A	Provided by Lab
C.	Notebook	Lenovo	X250ALT5	PC06HPSE	N/A	Provided by Lab
D.	Radio Communication Analyzer	Anritsu	MT8821C	6272278310	NA	-
E.	WIFI Gateway	Vantiva	MGA5331ROG	NA	NA	Provided by applicant
F.	Adapter	HONOR	ADS-42FI-12 12042EPCU-L	NA	NA	Provided by applicant

Note:

1. All power cords of the above support units are non-shielded (1.8m).
2. Item C, D acted as communication partners to transfer data.

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	RJ11 Cable	1	1.5	NO	0	Provided by Lab
2	RJ45 Cable	4	1.5	NO	0	Provided by Lab
3	RJ45 Cable	1	10	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
N9030B - PXA Signal Analyzer KEYSIGHT	N9030B	MY57140488	2023/3/6	2024/3/5
Radio Communication Analyzer Anritsu	MT8821C	6201462755	2023/3/3	2024/3/2
Software BV	ADT_RF Test Software V6.6.5.4	N/A	N/A	N/A

Notes:

1. The test was performed in Oven room.
2. Tested Date: 2023/6/5

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 Schwarbeck	VULB 9168	9168-160	2022/10/20	2023/10/19
Loop Antenna Electro-Metrics	EM-6879	269	2022/9/19	2023/9/18
Loop Antenna TESEQ	HLA 6121	45745	2022/7/27	2023/7/26
MXE EMI Receiver KEYSIGHT	N9038A	MY55420137	2023/5/3	2024/5/2
Preamplifier Agilent	8447D	2944A10638	2023/5/7	2024/5/6
Preamplifier EMCI	EMC001340	980201	2022/9/23	2023/9/22
RF Coaxial Cable EMCI	5D-NM-BM	140903+140902	2023/1/7	2024/1/6
RF Coaxial Cable WOKEN	8D-FB	Cable-CH9-01	2023/5/7	2024/5/6
Signal & Spectrum Analyzer R&S	FSW43	101867	2022/12/30	2023/12/29
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: 2023/5/23

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	9120D	9120D-1169	2022/11/13	2023/11/12
	BBHA 9170	9170-480	2022/11/13	2023/11/12
		BBHA9170243	2022/11/13	2023/11/12
MXE EMI Receiver KEYSIGHT	N9038A	MY55420137	2022/4/27	2023/4/26
Notch Filter MICRO-TRONICS	BRM17690	004	2023/1/11	2024/1/10
	BRM50716	060	2023/1/11	2024/1/10
Preamplifier Agilent	8449B	3008A02367	2023/2/15	2024/2/14
Preamplifier EMCI	EMC 184045	980116	2022/10/1	2023/9/30
RF Coaxial Cable EMCI	EMC102-KM-KM-600	150928	2022/7/9	2023/7/8
	EMC102-KM-KM-3000	150929	2022/7/9	2023/7/8
RF Coaxial Cable HUBER+SUHNER	SUCOFLEX 104	CABLE-CH9-(250795/4)	2023/1/7	2024/1/6
RF Coaxial Cable HUBER+SUHNER&EMCI	SUCOFLEX 104& EMC104-SM-SM8000	CABLE-CH9-02 (248780+171006)	2023/1/7	2024/1/6
Signal & Spectrum Analyzer R&S	FSW43	101867	2022/12/30	2023/12/29
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: 2023/4/17 ~ 2023/4/18

5 Limits of Test Items

5.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

For LTE Band 2, LTE Band 25:

Mobile and portable stations are limited to 2 watts EIRP.

For 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 LTE Band 5, LTE Band 26 (Part 22):

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

For LTE Band 7, LTE Band 38, LTE Band 41:

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 26 (Part 90):

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

5.2 Radiated Spurious Emissions below 1GHz

For LTE Band 2, LTE Band 5, LTE Band 25, LTE Band 26 (Part 22):

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 LTE Band 4:

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 38, LTE Band 41:

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 26 (Part 90):

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 grater than 37.5 kHz from channel edge is allowed.

For 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.

5.3 Radiated Spurious Emissions above 1GHz

For LTE Band 2, LTE Band 5, LTE Band 25, LTE Band 26 (Part 22):

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 LTE Band 4:

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 38, LTE Band 41:

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 26 (Part 90):

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 grater than 37.5 kHz from channel edge is allowed.

For LTE Band 66:

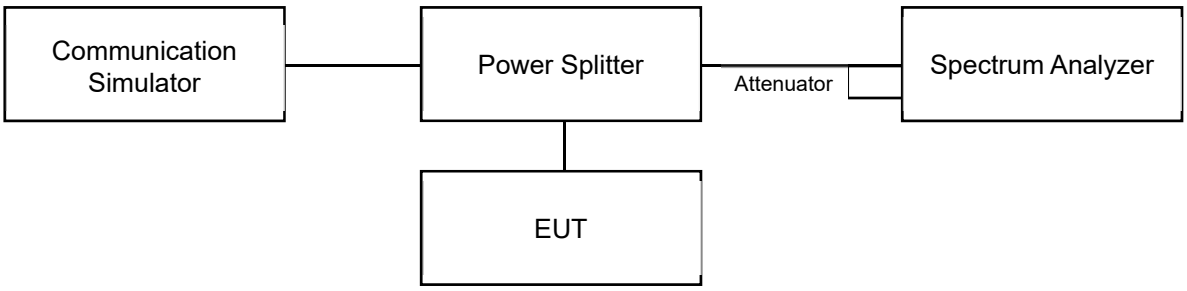
According to FCC 47 CFR part 27.53(h), for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log (P) dB. The limit of emission is equal to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

6 Test Arrangements

6.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

6.1.1 Test Setup

Conducted Power Measurement:



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 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.

Measurement method refers to ANSI C63.26 section 5.2.4.4.

a. Set span to 2 × to 3 × the OBW.
b. Set RBW = 1% to 5% of the OBW.
c. Set VBW ≥ 3 × RBW.
d. Set number of measurement points in sweep ≥ 2 × span / RBW.
e. Set Sweep time = auto-couple.
f. Detector = power averaging (rms).
g. Set sweep trigger to “free run.”
h. Trace average at least 100 traces in power averaging (rms) mode.
i. Compute power by integrating the spectrum across the OBW of the signal using the instrument’s band or channel power measurement function with band/channel limits set equal to the OBW band edges.
j. If Duty cycle < 98%, Add 10 log (1/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:

$EIRP = P_{Meas} + G_T$

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

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)

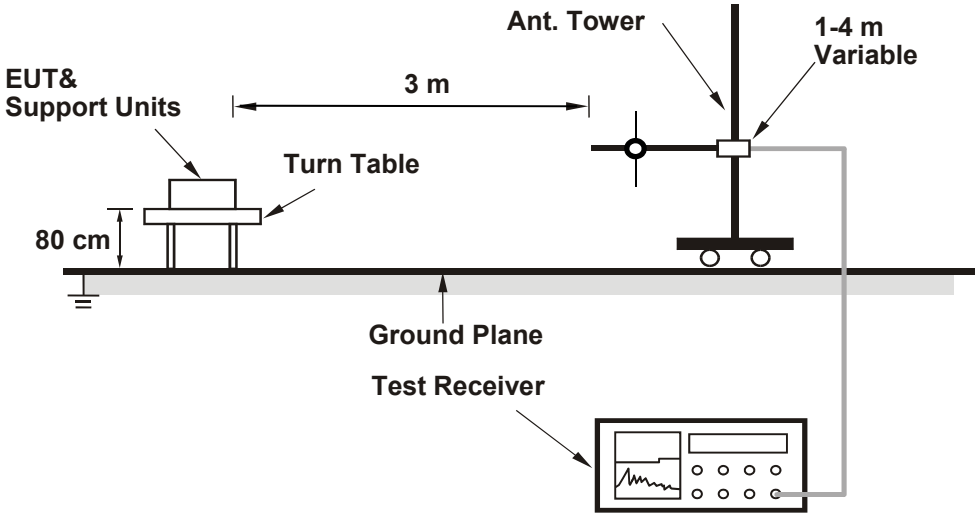
P_{Meas} measured transmitter output power or PSD, in dBm or dBW

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 30 MHz to 1 GHz



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

6.2.2 Test Procedure

The EUT is configured by emulator 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 C63.26 section 5.5 and 5.2.7

e. EIRP (dBm) = E (dBμV/m) + 20log(D) - 104.8; where D is the measurement distance (in the far field region) in m.

f. ERP (dBm) = E (dBμV/m) + 20log(D) - 104.8 - 2.15; where D is the measurement distance (in the far field region) in m.

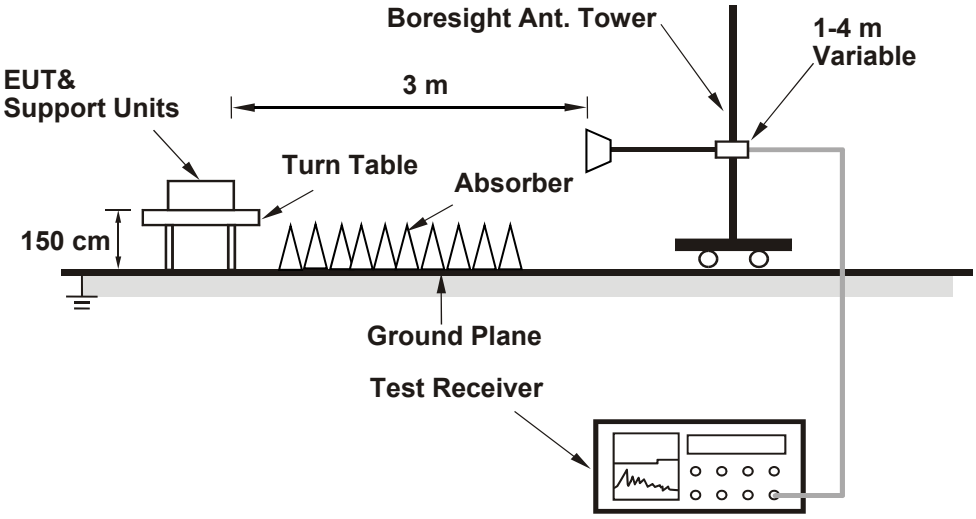
Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz/3 MHz.
2. The emission levels were against the limit of frequency range 9 kHz ~ 30 MHz:
   The amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required to be report.

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 by emulator to set data modulation and maximum power using WWAN technology.

a. 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.

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 C63.26 section 5.5 and 5.2.7

e. EIRP (dBm) = E (dBμV/m) + 20log(D) - 104.8; where D is the measurement distance (in the far field region) in m.

f. ERP (dBm) = E (dBμV/m) + 20log(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.

7 Test Results of Test Item

7.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	21°C, 76% RH	Tested By:	Adair Peng

7.1.1 LTE Band 2

Conducted Output Power (dBm)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18700	18900	19100
		Frequency (MHz)		1860	1880	1900
20M	QPSK	1	0	21.39	21.52	21.47
		1	50	21.38	21.47	21.40
		1	99	21.28	21.44	21.38
		50	0	20.51	20.63	20.53
		50	25	20.48	20.58	20.49
		50	50	20.44	20.53	20.50
		100	0	20.46	20.51	20.47
20M	16QAM	1	0	20.79	20.85	20.80
		1	50	20.57	20.68	20.61
		1	99	20.52	20.62	20.55
		50	0	19.50	19.59	19.52
		50	25	19.53	19.57	19.56
		50	50	19.44	19.55	19.54
		100	0	19.39	19.51	19.43
20M	64QAM	1	0	19.36	19.54	19.44
		1	50	19.40	19.51	19.50
		1	99	19.44	19.48	19.47
		50	0	18.47	18.62	18.55
		50	25	18.40	18.53	18.48
		50	50	18.41	18.52	18.51
		100	0	18.47	18.61	18.55
20M	256QAM	1	0	16.57	16.73	16.67
		1	50	16.66	16.67	16.66
		1	99	16.48	16.61	16.57
		50	0	16.53	16.59	16.57
		50	25	16.52	16.58	16.56
		50	50	16.50	16.55	16.51
		100	0	16.51	16.57	16.52

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18675	18900	19125
		Frequency (MHz)		1857.5	1880	1902.5
15M	QPSK	1	0	21.30	21.50	21.44
		1	37	21.30	21.43	21.36
		1	74	21.25	21.34	21.36
		36	0	20.51	20.54	20.43
		36	19	20.44	20.58	20.42
		36	39	20.34	20.52	20.50
		75	0	20.46	20.42	20.37
15M	16QAM	1	0	20.78	20.77	20.74
		1	37	20.47	20.63	20.56
		1	74	20.43	20.57	20.48
		36	0	19.47	19.56	19.49
		36	19	19.47	19.50	19.56
		36	39	19.37	19.54	19.49
		75	0	19.34	19.42	19.36
15M	64QAM	1	0	19.29	19.45	19.43
		1	37	19.40	19.42	19.49
		1	74	19.36	19.39	19.42
		36	0	18.41	18.56	18.53
		36	19	18.33	18.53	18.45
		36	39	18.41	18.43	18.50
		75	0	18.46	18.57	18.47
15M	256QAM	1	0	16.56	16.65	16.65
		1	37	16.64	16.62	16.59
		1	74	16.46	16.54	16.47
		36	0	16.45	16.53	16.47
		36	19	16.47	16.54	16.54
		36	39	16.40	16.48	16.43
		75	0	16.46	16.53	16.46

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18650	18900	19150
		Frequency (MHz)		1855	1880	1905
10M	QPSK	1	0	21.27	21.43	21.38
		1	24	21.29	21.42	21.28
		1	49	21.14	21.25	21.31
		25	0	20.36	20.50	20.42
		25	12	20.43	20.58	20.27
		25	25	20.28	20.47	20.48
		50	0	20.36	20.42	20.27
10M	16QAM	1	0	20.74	20.77	20.66
		1	24	20.41	20.48	20.52
		1	49	20.41	20.44	20.43
		25	0	19.34	19.53	19.44
		25	12	19.32	19.39	19.51
		25	25	19.27	19.42	19.36
		50	0	19.33	19.42	19.34
10M	64QAM	1	0	19.14	19.39	19.34
		1	24	19.35	19.33	19.44
		1	49	19.26	19.25	19.28
		25	0	18.34	18.43	18.39
		25	12	18.33	18.51	18.35
		25	25	18.38	18.40	18.45
		50	0	18.44	18.45	18.38
10M	256QAM	1	0	16.51	16.63	16.56
		1	24	16.63	16.49	16.44
		1	49	16.39	16.54	16.47
		25	0	16.39	16.49	16.34
		25	12	16.38	16.52	16.39
		25	25	16.40	16.46	16.32
		50	0	16.39	16.40	16.46

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18625	18900	19175
		Frequency (MHz)		1852.5	1880	1907.5
5M	QPSK	1	0	21.27	21.48	21.26
		1	12	21.18	21.39	21.21
		1	24	21.22	21.28	21.16
		12	0	20.50	20.49	20.30
		12	6	20.30	20.47	20.23
		12	13	20.24	20.43	20.34
		25	0	20.38	20.36	20.24
5M	16QAM	1	0	20.70	20.62	20.62
		1	12	20.38	20.60	20.41
		1	24	20.32	20.48	20.48
		12	0	19.46	19.43	19.47
		12	6	19.45	19.42	19.41
		12	13	19.33	19.50	19.47
		25	0	19.23	19.35	19.30
5M	64QAM	1	0	19.18	19.34	19.34
		1	12	19.35	19.36	19.35
		1	24	19.23	19.38	19.37
		12	0	18.35	18.54	18.42
		12	6	18.31	18.49	18.36
		12	13	18.38	18.31	18.40
		25	0	18.32	18.46	18.39
5M	256QAM	1	0	16.43	16.55	16.44
		1	12	16.55	16.47	16.44
		1	24	16.40	16.45	16.37
		12	0	16.45	16.53	16.24
		12	6	16.39	16.39	16.34
		12	13	16.27	16.36	16.19
		25	0	16.32	16.39	16.43

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18615	18900	19185
		Frequency (MHz)		1851.5	1880	1908.5
3M	QPSK	1	0	21.28	21.37	21.37
		1	7	21.18	21.38	21.25
		1	14	21.11	21.21	21.25
		8	0	20.47	20.39	20.31
		8	3	20.38	20.47	20.27
		8	7	20.19	20.43	20.41
		15	0	20.46	20.39	20.37
3M	16QAM	1	0	20.72	20.77	20.59
		1	7	20.42	20.51	20.53
		1	14	20.29	20.49	20.43
		8	0	19.33	19.50	19.46
		8	3	19.32	19.45	19.55
		8	7	19.28	19.44	19.47
		15	0	19.34	19.41	19.32
3M	64QAM	1	0	19.24	19.33	19.30
		1	7	19.37	19.41	19.36
		1	14	19.27	19.29	19.39
		8	0	18.38	18.50	18.50
		8	3	18.24	18.50	18.38
		8	7	18.32	18.36	18.39
		15	0	18.39	18.51	18.35
3M	256QAM	1	0	16.49	16.59	16.58
		1	7	16.60	16.58	16.53
		1	14	16.35	16.51	16.48
		8	0	15.41	15.48	15.45
		8	3	15.34	15.43	15.36
		8	7	15.37	15.35	15.50
		15	0	15.26	15.39	15.42

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18607	18900	19193
		Frequency (MHz)		1850.7	1880	1909.3
1.4M	QPSK	1	0	21.43	21.48	21.49
		1	2	21.50	21.47	21.51
		1	5	21.42	21.44	21.46
		3	0	21.41	21.40	21.33
		3	1	21.40	21.51	21.40
		3	3	21.25	21.33	21.39
		6	0	20.33	20.45	20.61
1.4M	16QAM	1	0	20.77	20.69	20.59
		1	2	20.36	20.50	20.42
		1	5	20.29	20.51	20.47
		3	0	20.37	20.42	20.35
		3	1	20.35	20.35	20.49
		3	3	20.27	20.51	20.45
		6	0	19.29	19.33	19.26
1.4M	64QAM	1	0	19.23	19.43	19.43
		1	2	19.36	19.33	19.49
		1	5	19.27	19.39	19.37
		3	0	19.34	19.55	19.52
		3	1	19.25	19.50	19.35
		3	3	19.39	19.36	19.46
		6	0	18.35	18.56	18.47
1.4M	256QAM	1	0	16.48	16.53	16.62
		1	2	16.54	16.62	16.50
		1	5	16.32	16.39	16.39
		3	0	16.36	16.49	16.41
		3	1	16.32	16.48	16.50
		3	3	16.25	16.46	16.38
		6	0	16.39	16.38	16.39

EIRP Power (dBm)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18700	18900	19100
		Frequency (MHz)		1860	1880	1900
20M	QPSK	1	0	26.44	**26.57**	26.52
		1	50	26.43	26.52	26.45
		1	99	26.33	26.49	26.43
		50	0	25.56	25.68	25.58
		50	25	25.53	25.63	25.54
		50	50	25.49	25.58	25.55
		100	0	25.51	25.56	25.52
20M	16QAM	1	0	25.84	**25.90**	25.85
		1	50	25.62	25.73	25.66
		1	99	25.57	25.67	25.60
		50	0	24.55	24.64	24.57
		50	25	24.58	24.62	24.61
		50	50	24.49	24.60	24.59
		100	0	24.44	24.56	24.48
20M	64QAM	1	0	24.41	**24.59**	24.49
		1	50	24.45	24.56	24.55
		1	99	24.49	24.53	24.52
		50	0	23.52	23.67	23.60
		50	25	23.45	23.58	23.53
		50	50	23.46	23.57	23.56
		100	0	23.52	23.66	23.60
20M	256QAM	1	0	21.62	**21.78**	21.72
		1	50	21.71	21.72	21.71
		1	99	21.53	21.66	21.62
		50	0	21.58	21.64	21.62
		50	25	21.57	21.63	21.61
		50	50	21.55	21.60	21.56
		100	0	21.56	21.62	21.57

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18675	18900	19125
		Frequency (MHz)		1857.5	1880	1902.5
15M	QPSK	1	0	26.35	**26.55**	26.49
		1	37	26.35	26.48	26.41
		1	74	26.30	26.39	26.41
		36	0	25.56	25.59	25.48
		36	19	25.49	25.63	25.47
		36	39	25.39	25.57	25.55
		75	0	25.51	25.47	25.42
15M	16QAM	1	0	**25.83**	25.82	25.79
		1	37	25.52	25.68	25.61
		1	74	25.48	25.62	25.53
		36	0	24.52	24.61	24.54
		36	19	24.52	24.55	24.61
		36	39	24.42	24.59	24.54
		75	0	24.39	24.47	24.41
15M	64QAM	1	0	24.34	24.50	24.48
		1	37	24.45	24.47	**24.54**
		1	74	24.41	24.44	24.47
		36	0	23.46	23.61	23.58
		36	19	23.38	23.58	23.50
		36	39	23.46	23.48	23.55
		75	0	23.51	23.62	23.52
15M	256QAM	1	0	21.61	**21.70**	**21.70**
		1	37	21.69	21.67	21.64
		1	74	21.51	21.59	21.52
		36	0	21.50	21.58	21.52
		36	19	21.52	21.59	21.59
		36	39	21.45	21.53	21.48
		75	0	21.51	21.58	21.51

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18650	18900	19150
		Frequency (MHz)		1855	1880	1905
10M	QPSK	1	0	26.32	**26.48**	26.43
		1	24	26.34	26.47	26.33
		1	49	26.19	26.30	26.36
		25	0	25.41	25.55	25.47
		25	12	25.48	25.63	25.32
		25	25	25.33	25.52	25.53
		50	0	25.41	25.47	25.32
10M	16QAM	1	0	25.79	**25.82**	25.71
		1	24	25.46	25.53	25.57
		1	49	25.46	25.49	25.48
		25	0	24.39	24.58	24.49
		25	12	24.37	24.44	24.56
		25	25	24.32	24.47	24.41
		50	0	24.38	24.47	24.39
10M	64QAM	1	0	24.19	24.44	24.39
		1	24	24.40	24.38	**24.49**
		1	49	24.31	24.30	24.33
		25	0	23.39	23.48	23.44
		25	12	23.38	23.56	23.40
		25	25	23.43	23.45	23.50
		50	0	23.49	23.50	23.43
10M	256QAM	1	0	21.56	**21.68**	21.61
		1	24	21.68	21.54	21.49
		1	49	21.44	21.59	21.52
		25	0	21.44	21.54	21.39
		25	12	21.43	21.57	21.44
		25	25	21.45	21.51	21.37
		50	0	21.44	21.45	21.51

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18625	18900	19175
		Frequency (MHz)		1852.5	1880	1907.5
5M	QPSK	1	0	26.32	**26.53**	26.31
		1	12	26.23	26.44	26.26
		1	24	26.27	26.33	26.21
		12	0	25.55	25.54	25.35
		12	6	25.35	25.52	25.28
		12	13	25.29	25.48	25.39
		25	0	25.43	25.41	25.29
5M	16QAM	1	0	**25.75**	25.67	25.67
		1	12	25.43	25.65	25.46
		1	24	25.37	25.53	25.53
		12	0	24.51	24.48	24.52
		12	6	24.50	24.47	24.46
		12	13	24.38	24.55	24.52
		25	0	24.28	24.40	24.35
5M	64QAM	1	0	24.23	24.39	24.39
		1	12	24.40	24.41	24.40
		1	24	24.28	**24.43**	24.42
		12	0	23.40	23.59	23.47
		12	6	23.36	23.54	23.41
		12	13	23.43	23.36	23.45
		25	0	23.37	23.51	23.44
5M	256QAM	1	0	21.48	**21.60**	21.49
		1	12	**21.60**	21.52	21.49
		1	24	21.45	21.50	21.42
		12	0	21.50	21.58	21.29
		12	6	21.44	21.44	21.39
		12	13	21.32	21.41	21.24
		25	0	21.37	21.44	21.48

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18615	18900	19185
		Frequency (MHz)		1851.5	1880	1908.5
3M	QPSK	1	0	26.33	26.42	26.42
		1	7	26.23	**26.43**	26.30
		1	14	26.16	26.26	26.30
		8	0	25.52	25.44	25.36
		8	3	25.43	25.52	25.32
		8	7	25.24	25.48	25.46
		15	0	25.51	25.44	25.42
3M	16QAM	1	0	25.77	**25.82**	25.64
		1	7	25.47	25.56	25.58
		1	14	25.34	25.54	25.48
		8	0	24.38	24.55	24.51
		8	3	24.37	24.50	24.60
		8	7	24.33	24.49	24.52
		15	0	24.39	24.46	24.37
3M	64QAM	1	0	24.29	24.38	24.35
		1	7	24.42	**24.46**	24.41
		1	14	24.32	24.34	24.44
		8	0	23.43	23.55	23.55
		8	3	23.29	23.55	23.43
		8	7	23.37	23.41	23.44
		15	0	23.44	23.56	23.40
3M	256QAM	1	0	21.54	21.64	21.63
		1	7	**21.65**	21.63	21.58
		1	14	21.40	21.56	21.53
		8	0	20.46	20.53	20.50
		8	3	20.39	20.48	20.41
		8	7	20.42	20.40	20.55
		15	0	20.31	20.44	20.47

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18607	18900	19193
		Frequency (MHz)		1850.7	1880	1909.3
1.4M	QPSK	1	0	26.48	26.53	26.54
		1	2	26.55	26.52	**26.56**
		1	5	26.47	26.49	26.51
		3	0	26.46	26.45	26.38
		3	1	26.45	**26.56**	26.45
		3	3	26.30	26.38	26.44
		6	0	25.38	25.50	25.66
1.4M	16QAM	1	0	**25.82**	25.74	25.64
		1	2	25.41	25.55	25.47
		1	5	25.34	25.56	25.52
		3	0	25.42	25.47	25.40
		3	1	25.40	25.40	25.54
		3	3	25.32	25.56	25.50
		6	0	24.34	24.38	24.31
1.4M	64QAM	1	0	24.28	24.48	24.48
		1	2	24.41	24.38	24.54
		1	5	24.32	24.44	24.42
		3	0	24.39	**24.60**	24.57
		3	1	24.30	24.55	24.40
		3	3	24.44	24.41	24.51
		6	0	23.40	23.61	23.52
1.4M	256QAM	1	0	21.53	21.58	**21.67**
		1	2	21.59	**21.67**	21.55
		1	5	21.37	21.44	21.44
		3	0	21.41	21.54	21.46
		3	1	21.37	21.53	21.55
		3	3	21.30	21.51	21.43
		6	0	21.44	21.43	21.44

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

7.1.2 LTE Band 4

Conducted Output Power (dBm)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		20050	20175	20300
		Frequency (MHz)		1720	1732.5	1745
20M	QPSK	1	0	21.42	21.47	21.38
		1	50	21.38	21.43	21.33
		1	99	21.34	21.39	21.27
		50	0	20.42	20.50	20.32
		50	25	20.33	20.43	20.27
		50	50	20.36	20.38	20.33
		100	0	20.38	20.40	20.28
20M	16QAM	1	0	20.55	20.57	20.51
		1	50	20.48	20.55	20.40
		1	99	20.41	20.47	20.36
		50	0	19.43	19.47	19.41
		50	25	19.37	19.42	19.33
		50	50	19.37	19.40	19.30
		100	0	19.34	19.41	19.25
20M	64QAM	1	0	19.32	19.38	19.27
		1	50	19.33	19.35	19.27
		1	99	19.24	19.31	19.22
		50	0	18.54	18.58	18.52
		50	25	18.40	18.48	18.31
		50	50	18.40	18.41	18.32
		100	0	18.44	18.45	18.38
20M	256QAM	1	0	16.45	16.53	16.37
		1	50	16.51	16.51	16.41
		1	99	16.39	16.46	16.35
		50	0	16.40	16.48	16.37
		50	25	16.31	16.41	16.28
		50	50	16.33	16.35	16.27
		100	0	16.36	16.43	16.26

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		20025	20175	20325
		Frequency (MHz)		1717.5	1732.5	1747.5
15M	QPSK	1	0	21.35	21.44	21.35
		1	37	21.29	21.38	21.24
		1	74	21.27	21.34	21.21
		36	0	20.41	20.41	20.22
		36	19	20.23	20.35	20.26
		36	39	20.33	20.33	20.31
		75	0	20.31	20.30	20.28
15M	16QAM	1	0	20.49	20.57	20.43
		1	37	20.40	20.55	20.33
		1	74	20.33	20.43	20.29
		36	0	19.42	19.41	19.38
		36	19	19.30	19.40	19.29
		36	39	19.29	19.40	19.26
		75	0	19.24	19.37	19.18
15M	64QAM	1	0	19.25	19.31	19.19
		1	37	19.31	19.30	19.19
		1	74	19.19	19.26	19.16
		36	0	18.47	18.50	18.42
		36	19	18.39	18.46	18.25
		36	39	18.37	18.40	18.27
		75	0	18.44	18.38	18.32
15M	256QAM	1	0	16.40	16.52	16.32
		1	37	16.50	16.50	16.31
		1	74	16.36	16.41	16.31
		36	0	16.35	16.43	16.35
		36	19	16.28	16.38	16.23
		36	39	16.27	16.33	16.17
		75	0	16.34	16.39	16.25

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		20000	20175	20350
		Frequency (MHz)		1715	1732.5	1750
10M	QPSK	1	0	21.23	21.43	21.27
		1	24	21.18	21.26	21.12
		1	49	21.14	21.30	21.07
		25	0	20.30	20.27	20.15
		25	12	20.12	20.32	20.17
		25	25	20.26	20.32	20.31
		50	0	20.26	20.21	20.26
10M	16QAM	1	0	20.49	20.45	20.40
		1	24	20.27	20.48	20.20
		1	49	20.31	20.29	20.23
		25	0	19.36	19.35	19.33
		25	12	19.20	19.36	19.17
		25	25	19.18	19.35	19.22
		50	0	19.13	19.27	19.13
10M	64QAM	1	0	19.20	19.25	19.16
		1	24	19.28	19.23	19.08
		1	49	19.18	19.21	19.07
		25	0	18.34	18.41	18.27
		25	12	18.31	18.32	18.14
		25	25	18.35	18.34	18.19
		50	0	18.41	18.24	18.31
10M	256QAM	1	0	16.31	16.38	16.22
		1	24	16.46	16.36	16.20
		1	49	16.22	16.36	16.28
		25	0	16.22	16.40	16.31
		25	12	16.17	16.38	16.10
		25	25	16.15	16.23	16.05
		50	0	16.23	16.36	16.15

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		19975	20175	20375
		Frequency (MHz)		1712.5	1732.5	1752.5
5M	QPSK	1	0	21.20	21.41	21.23
		1	12	21.27	21.33	21.12
		1	24	21.23	21.30	21.02
		12	0	20.30	20.35	20.02
		12	6	20.11	20.20	20.14
		12	13	20.25	20.31	20.20
		25	0	20.31	20.15	20.23
5M	16QAM	1	0	20.36	20.51	20.42
		1	12	20.30	20.40	20.25
		1	24	20.21	20.36	20.19
		12	0	19.41	19.33	19.26
		12	6	19.15	19.30	19.28
		12	13	19.16	19.28	19.18
		25	0	19.12	19.22	19.05
5M	64QAM	1	0	19.11	19.29	19.16
		1	12	19.17	19.15	19.10
		1	24	19.08	19.18	19.06
		12	0	18.36	18.47	18.38
		12	6	18.34	18.32	18.13
		12	13	18.28	18.30	18.22
		25	0	18.41	18.33	18.21
5M	256QAM	1	0	16.35	16.41	16.22
		1	12	16.47	16.49	16.07
		1	24	16.31	16.39	16.15
		12	0	16.32	16.38	16.26
		12	6	16.21	16.29	15.95
		12	13	16.12	16.31	16.05
		25	0	16.27	16.28	16.11

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		19965	20175	20385
		Frequency (MHz)		1711.5	1732.5	1753.5
3M	QPSK	1	0	21.26	21.33	21.21
		1	7	21.27	21.32	21.18
		1	14	21.27	21.29	21.11
		8	0	20.29	20.32	20.13
		8	3	20.20	20.20	20.17
		8	7	20.18	20.27	20.22
		15	0	20.24	20.17	20.15
3M	16QAM	1	0	20.49	20.43	20.30
		1	7	20.28	20.52	20.30
		1	14	20.22	20.33	20.18
		8	0	19.37	19.35	19.33
		8	3	19.28	19.39	19.18
		8	7	19.25	19.29	19.21
		15	0	19.09	19.24	19.15
3M	64QAM	1	0	19.21	19.17	19.05
		1	7	19.21	19.27	19.06
		1	14	19.16	19.14	19.04
		8	0	18.42	18.40	18.41
		8	3	18.29	18.32	18.14
		8	7	18.25	18.28	18.16
		15	0	18.38	18.26	18.20
3M	256QAM	1	0	16.40	16.50	16.30
		1	7	16.44	16.41	16.25
		1	14	16.24	16.35	16.29
		8	0	16.25	16.43	16.21
		8	3	16.28	16.29	16.15
		8	7	16.12	16.19	16.08
		15	0	16.20	16.25	16.11

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		19957	20175	20393
		Frequency (MHz)		1710.7	1732.5	1754.3
1.4M	QPSK	1	0	21.22	21.39	21.28
		1	2	21.28	21.34	21.12
		1	5	21.16	21.26	21.07
		3	0	21.39	21.41	21.17
		3	1	21.13	21.30	21.23
		3	3	21.21	21.27	21.17
		6	0	20.20	20.30	20.21
1.4M	16QAM	1	0	20.43	20.48	20.37
		1	2	20.26	20.52	20.25
		1	5	20.18	20.30	20.24
		3	0	20.31	20.37	20.38
		3	1	20.16	20.39	20.26
		3	3	20.25	20.33	20.14
		6	0	19.24	19.37	19.03
1.4M	64QAM	1	0	19.20	19.30	19.09
		1	2	19.25	19.25	19.12
		1	5	19.12	19.26	19.11
		3	0	19.43	19.44	19.38
		3	1	19.28	19.37	19.22
		3	3	19.33	19.35	19.15
		6	0	18.41	18.36	18.18
1.4M	256QAM	1	0	16.31	16.51	16.18
		1	2	16.36	16.47	16.31
		1	5	16.33	16.37	16.19
		3	0	16.31	16.39	16.34
		3	1	16.19	16.27	16.08
		3	3	16.21	16.18	16.03
		6	0	16.27	16.35	16.22

EIRP Power (dBm)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		20050	20175	20300
		Frequency (MHz)		1720	1732.5	1745
20M	QPSK	1	0	26.26	**26.31**	26.22
		1	50	26.22	26.27	26.17
		1	99	26.18	26.23	26.11
		50	0	25.26	25.34	25.16
		50	25	25.17	25.27	25.11
		50	50	25.20	25.22	25.17
		100	0	25.22	25.24	25.12
20M	16QAM	1	0	25.39	**25.41**	25.35
		1	50	25.32	25.39	25.24
		1	99	25.25	25.31	25.20
		50	0	24.27	24.31	24.25
		50	25	24.21	24.26	24.17
		50	50	24.21	24.24	24.14
		100	0	24.18	24.25	24.09
20M	64QAM	1	0	24.16	**24.22**	24.11
		1	50	24.17	24.19	24.11
		1	99	24.08	24.15	24.06
		50	0	23.38	23.42	23.36
		50	25	23.24	23.32	23.15
		50	50	23.24	23.25	23.16
		100	0	23.28	23.29	23.22
20M	256QAM	1	0	21.29	**21.37**	21.21
		1	50	21.35	21.35	21.25
		1	99	21.23	21.30	21.19
		50	0	21.24	21.32	21.21
		50	25	21.15	21.25	21.12
		50	50	21.17	21.19	21.11
		100	0	21.20	21.27	21.10

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		20025	20175	20325
		Frequency (MHz)		1717.5	1732.5	1747.5
15M	QPSK	1	0	26.19	**26.28**	26.19
		1	37	26.13	26.22	26.08
		1	74	26.11	26.18	26.05
		36	0	25.25	25.25	25.06
		36	19	25.07	25.19	25.10
		36	39	25.17	25.17	25.15
		75	0	25.15	25.14	25.12
15M	16QAM	1	0	25.33	**25.41**	25.27
		1	37	25.24	25.39	25.17
		1	74	25.17	25.27	25.13
		36	0	24.26	24.25	24.22
		36	19	24.14	24.24	24.13
		36	39	24.13	24.24	24.10
		75	0	24.08	24.21	24.02
15M	64QAM	1	0	24.09	24.15	24.03
		1	37	**24.15**	24.14	24.03
		1	74	24.03	24.10	24.00
		36	0	23.31	23.34	23.26
		36	19	23.23	23.30	23.09
		36	39	23.21	23.24	23.11
		75	0	23.28	23.22	23.16
15M	256QAM	1	0	21.24	**21.36**	21.16
		1	37	21.34	21.34	21.15
		1	74	21.20	21.25	21.15
		36	0	21.19	21.27	21.19
		36	19	21.12	21.22	21.07
		36	39	21.11	21.17	21.01
		75	0	21.18	21.23	21.09

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		20000	20175	20350
		Frequency (MHz)		1715	1732.5	1750
10M	QPSK	1	0	26.07	**26.27**	26.11
		1	24	26.02	26.10	25.96
		1	49	25.98	26.14	25.91
		25	0	25.14	25.11	24.99
		25	12	24.96	25.16	25.01
		25	25	25.10	25.16	25.15
		50	0	25.10	25.05	25.10
10M	16QAM	1	0	**25.33**	25.29	25.24
		1	24	25.11	25.32	25.04
		1	49	25.15	25.13	25.07
		25	0	24.20	24.19	24.17
		25	12	24.04	24.20	24.01
		25	25	24.02	24.19	24.06
		50	0	23.97	24.11	23.97
10M	64QAM	1	0	24.04	24.09	24.00
		1	24	**24.12**	24.07	23.92
		1	49	24.02	24.05	23.91
		25	0	23.18	23.25	23.11
		25	12	23.15	23.16	22.98
		25	25	23.19	23.18	23.03
		50	0	23.25	23.08	23.15
10M	256QAM	1	0	21.15	21.22	21.06
		1	24	**21.30**	21.20	21.04
		1	49	21.06	21.20	21.12
		25	0	21.06	21.24	21.15
		25	12	21.01	21.22	20.94
		25	25	20.99	21.07	20.89
		50	0	21.07	21.20	20.99

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		19975	20175	20375
		Frequency (MHz)		1712.5	1732.5	1752.5
5M	QPSK	1	0	26.04	**26.25**	26.07
		1	12	26.11	26.17	25.96
		1	24	26.07	26.14	25.86
		12	0	25.14	25.19	24.86
		12	6	24.95	25.04	24.98
		12	13	25.09	25.15	25.04
		25	0	25.15	24.99	25.07
5M	16QAM	1	0	25.20	**25.35**	25.26
		1	12	25.14	25.24	25.09
		1	24	25.05	25.20	25.03
		12	0	24.25	24.17	24.10
		12	6	23.99	24.14	24.12
		12	13	24.00	24.12	24.02
		25	0	23.96	24.06	23.89
5M	64QAM	1	0	23.95	**24.13**	24.00
		1	12	24.01	23.99	23.94
		1	24	23.92	24.02	23.90
		12	0	23.20	23.31	23.22
		12	6	23.18	23.16	22.97
		12	13	23.12	23.14	23.06
		25	0	23.25	23.17	23.05
5M	256QAM	1	0	21.19	21.25	21.06
		1	12	21.31	**21.33**	20.91
		1	24	21.15	21.23	20.99
		12	0	21.16	21.22	21.10
		12	6	21.05	21.13	20.79
		12	13	20.96	21.15	20.89
		25	0	21.11	21.12	20.95

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		19965	20175	20385
		Frequency (MHz)		1711.5	1732.5	1753.5
3M	QPSK	1	0	26.10	**26.17**	26.05
		1	7	26.11	26.16	26.02
		1	14	26.11	26.13	25.95
		8	0	25.13	25.16	24.97
		8	3	25.04	25.04	25.01
		8	7	25.02	25.11	25.06
		15	0	25.08	25.01	24.99
3M	16QAM	1	0	25.33	25.27	25.14
		1	7	25.12	**25.36**	25.14
		1	14	25.06	25.17	25.02
		8	0	24.21	24.19	24.17
		8	3	24.12	24.23	24.02
		8	7	24.09	24.13	24.05
		15	0	23.93	24.08	23.99
3M	64QAM	1	0	24.05	24.01	23.89
		1	7	24.05	**24.11**	23.90
		1	14	24.00	23.98	23.88
		8	0	23.26	23.24	23.25
		8	3	23.13	23.16	22.98
		8	7	23.09	23.12	23.00
		15	0	23.22	23.10	23.04
3M	256QAM	1	0	21.24	**21.34**	21.14
		1	7	21.28	21.25	21.09
		1	14	21.08	21.19	21.13
		8	0	21.09	21.27	21.05
		8	3	21.12	21.13	20.99
		8	7	20.96	21.03	20.92
		15	0	21.04	21.09	20.95

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		19957	20175	20393
		Frequency (MHz)		1710.7	1732.5	1754.3
1.4M	QPSK	1	0	26.06	26.23	26.12
		1	2	26.12	26.18	25.96
		1	5	26.00	26.10	25.91
		3	0	26.23	**26.25**	26.01
		3	1	25.97	26.14	26.07
		3	3	26.05	26.11	26.01
		6	0	25.04	25.14	25.05
1.4M	16QAM	1	0	25.27	25.32	25.21
		1	2	25.10	**25.36**	25.09
		1	5	25.02	25.14	25.08
		3	0	25.15	25.21	25.22
		3	1	25.00	25.23	25.10
		3	3	25.09	25.17	24.98
		6	0	24.08	24.21	23.87
1.4M	64QAM	1	0	24.04	24.14	23.93
		1	2	24.09	24.09	23.96
		1	5	23.96	24.10	23.95
		3	0	24.27	**24.28**	24.22
		3	1	24.12	24.21	24.06
		3	3	24.17	24.19	23.99
		6	0	23.25	23.20	23.02
1.4M	256QAM	1	0	21.15	**21.35**	21.02
		1	2	21.20	21.31	21.15
		1	5	21.17	21.21	21.03
		3	0	21.15	21.23	21.18
		3	1	21.03	21.11	20.92
		3	3	21.05	21.02	20.87
		6	0	21.11	21.19	21.06

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

7.1.3 LTE Band 5

Conducted Output Power (dBm)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		20450	20525	20600
		Frequency (MHz)		829	836.5	844
10M	QPSK	1	0	22.65	22.66	22.61
		1	24	22.59	22.63	22.55
		1	49	22.53	22.59	22.52
		25	0	21.58	21.61	21.49
		25	12	21.57	21.57	21.47
		25	25	21.52	21.55	21.45
		50	0	21.49	21.54	21.41
10M	16QAM	1	0	21.72	21.82	21.63
		1	24	21.72	21.80	21.69
		1	49	21.66	21.72	21.62
		25	0	20.52	20.60	20.51
		25	12	20.56	20.58	20.52
		25	25	20.53	20.55	20.51
		50	0	20.57	20.59	20.48
10M	64QAM	1	0	20.72	20.81	20.64
		1	24	20.74	20.76	20.73
		1	49	20.71	20.72	20.61
		25	0	19.51	19.60	19.46
		25	12	19.54	19.59	19.47
		25	25	19.53	19.54	19.43
		50	0	19.52	19.55	19.45
10M	256QAM	1	0	17.61	17.71	17.51
		1	24	17.65	17.66	17.64
		1	49	17.54	17.59	17.51
		25	0	17.59	17.63	17.56
		25	12	17.56	17.61	17.47
		25	25	17.59	17.60	17.53
		50	0	17.58	17.63	17.56

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		20425	20525	20625
		Frequency (MHz)		826.5	836.5	846.5
5M	QPSK	1	0	22.57	22.61	22.59
		1	12	22.50	22.60	22.46
		1	24	22.47	22.55	22.52
		12	0	21.52	21.59	21.39
		12	6	21.50	21.56	21.41
		12	13	21.52	21.54	21.45
		25	0	21.45	21.48	21.35
5M	16QAM	1	0	21.67	21.72	21.56
		1	12	21.69	21.70	21.65
		1	24	21.57	21.65	21.54
		12	0	20.44	20.55	20.41
		12	6	20.51	20.48	20.46
		12	13	20.47	20.45	20.48
		25	0	20.57	20.54	20.39
5M	64QAM	1	0	20.71	20.76	20.59
		1	12	20.70	20.74	20.69
		1	24	20.71	20.63	20.56
		12	0	19.47	19.55	19.45
		12	6	19.47	19.49	19.38
		12	13	19.53	19.49	19.35
		25	0	19.48	19.55	19.33
5M	256QAM	1	0	17.60	17.63	17.51
		1	12	17.61	17.57	17.61
		1	24	17.50	17.54	17.48
		12	0	17.50	17.61	17.56
		12	6	17.52	17.56	17.45
		12	13	17.52	17.55	17.52
		25	0	17.55	17.59	17.56

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		20415	20525	20635
		Frequency (MHz)		825.5	836.5	847.5
3M	QPSK	1	0	22.55	22.56	22.51
		1	7	22.40	22.52	22.42
		1	14	22.37	22.52	22.42
		8	0	21.43	21.44	21.33
		8	3	21.50	21.51	21.37
		8	7	21.47	21.54	21.34
		15	0	21.42	21.40	21.23
3M	16QAM	1	0	21.58	21.61	21.46
		1	7	21.69	21.66	21.65
		1	14	21.51	21.57	21.49
		8	0	20.42	20.43	20.40
		8	3	20.51	20.47	20.31
		8	7	20.46	20.37	20.37
		15	0	20.55	20.48	20.24
3M	64QAM	1	0	20.63	20.74	20.55
		1	7	20.68	20.59	20.54
		1	14	20.60	20.50	20.47
		8	0	19.36	19.40	19.44
		8	3	19.37	19.40	19.31
		8	7	19.50	19.38	19.24
		15	0	19.41	19.49	19.22
3M	256QAM	1	0	17.51	17.50	17.43
		1	7	17.59	17.54	17.52
		1	14	17.49	17.46	17.34
		8	0	17.47	17.53	17.45
		8	3	17.50	17.56	17.38
		8	7	17.50	17.49	17.39
		15	0	17.51	17.53	17.45

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		20407	20525	20643
		Frequency (MHz)		824.7	836.5	848.3
1.4M	QPSK	1	0	22.44	22.54	22.52
		1	2	22.45	22.58	22.39
		1	5	22.32	22.53	22.37
		3	0	22.46	22.45	22.33
		3	1	22.38	22.49	22.27
		3	3	22.52	22.49	22.37
		6	0	21.42	21.43	21.27
1.4M	16QAM	1	0	21.67	21.65	21.53
		1	2	21.63	21.61	21.58
		1	5	21.48	21.52	21.42
		3	0	21.38	21.49	21.38
		3	1	21.42	21.40	21.45
		3	3	21.41	21.40	21.39
		6	0	20.57	20.44	20.37
1.4M	64QAM	1	0	20.71	20.69	20.50
		1	2	20.57	20.60	20.62
		1	5	20.69	20.49	20.49
		3	0	20.35	20.49	20.30
		3	1	20.46	20.41	20.29
		3	3	20.52	20.36	20.35
		6	0	19.45	19.43	19.22
1.4M	256QAM	1	0	17.57	17.56	17.51
		1	2	17.58	17.54	17.52
		1	5	17.48	17.43	17.37
		3	0	17.46	17.56	17.52
		3	1	17.38	17.44	17.35
		3	3	17.48	17.42	17.51
		6	0	17.55	17.46	17.54

ERP Power (dBm)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		20450	20525	20600
		Frequency (MHz)		829	836.5	844
10M	QPSK	1	0	22.88	**22.89**	22.84
		1	24	22.82	22.86	22.78
		1	49	22.76	22.82	22.75
		25	0	21.81	21.84	21.72
		25	12	21.80	21.80	21.70
		25	25	21.75	21.78	21.68
		50	0	21.72	21.77	21.64
10M	16QAM	1	0	21.95	**22.05**	21.86
		1	24	21.95	22.03	21.92
		1	49	21.89	21.95	21.85
		25	0	20.75	20.83	20.74
		25	12	20.79	20.81	20.75
		25	25	20.76	20.78	20.74
		50	0	20.80	20.82	20.71
10M	64QAM	1	0	20.95	**21.04**	20.87
		1	24	20.97	20.99	20.96
		1	49	20.94	20.95	20.84
		25	0	19.74	19.83	19.69
		25	12	19.77	19.82	19.70
		25	25	19.76	19.77	19.66
		50	0	19.75	19.78	19.68
10M	256QAM	1	0	17.84	**17.94**	17.74
		1	24	17.88	17.89	17.87
		1	49	17.77	17.82	17.74
		25	0	17.82	17.86	17.79
		25	12	17.79	17.84	17.70
		25	25	17.82	17.83	17.76
		50	0	17.81	17.86	17.79

*ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		20425	20525	20625
		Frequency (MHz)		826.5	836.5	846.5
5M	QPSK	1	0	22.80	**22.84**	22.82
		1	12	22.73	22.83	22.69
		1	24	22.70	22.78	22.75
		12	0	21.75	21.82	21.62
		12	6	21.73	21.79	21.64
		12	13	21.75	21.77	21.68
		25	0	21.68	21.71	21.58
5M	16QAM	1	0	21.90	**21.95**	21.79
		1	12	21.92	21.93	21.88
		1	24	21.80	21.88	21.77
		12	0	20.67	20.78	20.64
		12	6	20.74	20.71	20.69
		12	13	20.70	20.68	20.71
		25	0	20.80	20.77	20.62
5M	64QAM	1	0	20.94	**20.99**	20.82
		1	12	20.93	20.97	20.92
		1	24	20.94	20.86	20.79
		12	0	19.70	19.78	19.68
		12	6	19.70	19.72	19.61
		12	13	19.76	19.72	19.58
		25	0	19.71	19.78	19.56
5M	256QAM	1	0	17.83	**17.86**	17.74
		1	12	17.84	17.80	17.84
		1	24	17.73	17.77	17.71
		12	0	17.73	17.84	17.79
		12	6	17.75	17.79	17.68
		12	13	17.75	17.78	17.75
		25	0	17.78	17.82	17.79

*ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		20415	20525	20635
		Frequency (MHz)		825.5	836.5	847.5
3M	QPSK	1	0	22.78	**22.79**	22.74
		1	7	22.63	22.75	22.65
		1	14	22.60	22.75	22.65
		8	0	21.66	21.67	21.56
		8	3	21.73	21.74	21.60
		8	7	21.70	21.77	21.57
		15	0	21.65	21.63	21.46
3M	16QAM	1	0	21.81	21.84	21.69
		1	7	**21.92**	21.89	21.88
		1	14	21.74	21.80	21.72
		8	0	20.65	20.66	20.63
		8	3	20.74	20.70	20.54
		8	7	20.69	20.60	20.60
		15	0	20.78	20.71	20.47
3M	64QAM	1	0	20.86	**20.97**	20.78
		1	7	20.91	20.82	20.77
		1	14	20.83	20.73	20.70
		8	0	19.59	19.63	19.67
		8	3	19.60	19.63	19.54
		8	7	19.73	19.61	19.47
		15	0	19.64	19.72	19.45
3M	256QAM	1	0	17.74	17.73	17.66
		1	7	**17.82**	17.77	17.75
		1	14	17.72	17.69	17.57
		8	0	17.70	17.76	17.68
		8	3	17.73	17.79	17.61
		8	7	17.73	17.72	17.62
		15	0	17.74	17.76	17.68

*ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		20407	20525	20643
		Frequency (MHz)		824.7	836.5	848.3
1.4M	QPSK	1	0	22.67	22.77	22.75
		1	2	22.68	**22.81**	22.62
		1	5	22.55	22.76	22.60
		3	0	22.69	22.68	22.56
		3	1	22.61	22.72	22.50
		3	3	22.75	22.72	22.60
		6	0	21.65	21.66	21.50
1.4M	16QAM	1	0	**21.90**	21.88	21.76
		1	2	21.86	21.84	21.81
		1	5	21.71	21.75	21.65
		3	0	21.61	21.72	21.61
		3	1	21.65	21.63	21.68
		3	3	21.64	21.63	21.62
		6	0	20.80	20.67	20.60
1.4M	64QAM	1	0	**20.94**	20.92	20.73
		1	2	20.80	20.83	20.85
		1	5	20.92	20.72	20.72
		3	0	20.58	20.72	20.53
		3	1	20.69	20.64	20.52
		3	3	20.75	20.59	20.58
		6	0	19.68	19.66	19.45
1.4M	256QAM	1	0	17.80	17.79	17.74
		1	2	**17.81**	17.77	17.75
		1	5	17.71	17.66	17.60
		3	0	17.69	17.79	17.75
		3	1	17.61	17.67	17.58
		3	3	17.71	17.65	17.74
		6	0	17.78	17.69	17.77

*ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

7.1.4 LTE Band 7

Conducted Output Power (dBm)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		20850	21100	21350
		Frequency (MHz)		2510	2535	2560
20M	QPSK	1	0	21.62	21.63	**21.68**
		1	50	21.57	21.59	21.65
		1	99	21.44	21.54	21.56
		50	0	20.54	20.57	**20.65**
		50	25	20.47	20.50	20.58
		50	50	20.53	20.58	20.62
		100	0	20.61	20.62	**20.63**
20M	16QAM	1	0	20.62	20.69	20.71
		1	50	20.52	20.62	20.69
		1	99	20.58	20.63	20.68
		50	0	19.56	19.58	19.68
		50	25	19.65	19.65	19.65
		50	50	19.48	19.53	19.55
		100	0	19.56	19.60	19.63
20M	64QAM	1	0	19.75	19.76	19.78
		1	50	19.55	19.60	19.65
		1	99	19.62	19.63	19.63
		50	0	18.61	18.61	18.61
		50	25	18.44	18.47	18.57
		50	50	18.42	18.51	18.52
		100	0	18.53	18.56	18.62
20M	256QAM	1	0	16.68	16.71	16.78
		1	50	16.51	16.58	16.67
		1	99	16.58	16.60	16.65
		50	0	16.62	16.69	16.72
		50	25	16.62	16.63	16.69
		50	50	16.46	16.54	16.62
		100	0	16.55	16.59	16.61

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		20825	21100	21375
		Frequency (MHz)		2507.5	2535	2562.5
15M	QPSK	1	0	21.57	21.56	21.63
		1	37	21.55	21.49	21.55
		1	74	21.40	21.50	21.47
		36	0	20.48	20.49	20.60
		36	19	20.38	20.41	20.53
		36	39	20.47	20.57	20.60
		75	0	20.55	20.52	20.54
15M	16QAM	1	0	20.59	20.68	20.65
		1	37	20.50	20.56	20.62
		1	74	20.58	20.61	20.63
		36	0	19.48	19.52	19.62
		36	19	19.63	19.64	19.60
		36	39	19.47	19.43	19.50
		75	0	19.52	19.50	19.59
15M	64QAM	1	0	19.69	19.74	19.68
		1	37	19.45	19.58	19.59
		1	74	19.55	19.57	19.53
		36	0	18.51	18.57	18.58
		36	19	18.34	18.41	18.52
		36	39	18.38	18.47	18.42
		75	0	18.44	18.50	18.62
15M	256QAM	1	0	16.62	16.71	16.75
		1	37	16.43	16.57	16.58
		1	74	16.55	16.54	16.62
		36	0	16.55	16.59	16.63
		36	19	16.61	16.59	16.68
		36	39	16.46	16.44	16.58
		75	0	16.54	16.51	16.60

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		20800	21100	21400
		Frequency (MHz)		2505	2535	2565
10M	QPSK	1	0	21.51	21.53	21.57
		1	24	21.50	21.39	21.48
		1	49	21.29	21.47	21.45
		25	0	20.37	20.36	20.45
		25	12	20.24	20.39	20.42
		25	25	20.38	20.50	20.46
		50	0	20.45	20.51	20.50
10M	16QAM	1	0	20.47	20.67	20.58
		1	24	20.35	20.53	20.56
		1	49	20.55	20.58	20.50
		25	0	19.34	19.39	19.54
		25	12	19.52	19.55	19.51
		25	25	19.44	19.32	19.49
		50	0	19.42	19.35	19.54
10M	64QAM	1	0	19.69	19.59	19.58
		1	24	19.40	19.43	19.51
		1	49	19.50	19.51	19.42
		25	0	18.36	18.54	18.50
		25	12	18.27	18.28	18.45
		25	25	18.29	18.43	18.39
		50	0	18.41	18.35	18.49
10M	256QAM	1	0	16.56	16.59	16.71
		1	24	16.41	16.45	16.57
		1	49	16.40	16.52	16.60
		25	0	16.41	16.59	16.54
		25	12	16.55	16.56	16.64
		25	25	16.43	16.43	16.47
		50	0	16.50	16.47	16.52

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		20775	21100	21425
		Frequency (MHz)		2502.5	2535	2567.5
5M	QPSK	1	0	21.42	21.51	21.56
		1	12	21.46	21.41	21.42
		1	24	21.31	21.37	21.32
		12	0	20.37	20.37	20.35
		12	6	20.26	20.30	20.42
		12	13	20.32	20.46	20.44
		25	0	20.51	20.51	20.47
5M	16QAM	1	0	20.50	20.60	20.52
		1	12	20.46	20.52	20.48
		1	24	20.47	20.47	20.55
		12	0	19.45	19.38	19.52
		12	6	19.56	19.63	19.49
		12	13	19.46	19.29	19.40
		25	0	19.38	19.47	19.57
5M	64QAM	1	0	19.58	19.63	19.62
		1	12	19.42	19.44	19.58
		1	24	19.45	19.49	19.50
		12	0	18.48	18.55	18.48
		12	6	18.25	18.27	18.39
		12	13	18.30	18.38	18.33
		25	0	18.39	18.43	18.60
5M	256QAM	1	0	16.62	16.63	16.56
		1	12	16.42	16.52	16.50
		1	24	16.43	16.46	16.51
		12	0	16.41	16.54	16.48
		12	6	16.54	16.59	16.53
		12	13	16.45	16.41	16.37
		25	0	16.43	16.48	16.40

EIRP Power (dBm)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		20850	21100	21350
		Frequency (MHz)		2510	2535	2560
20M	QPSK	1	0	27.32	27.33	**27.38**
		1	50	27.27	27.29	27.35
		1	99	27.14	27.24	27.26
		50	0	26.24	26.27	26.35
		50	25	26.17	26.20	26.28
		50	50	26.23	26.28	26.32
		100	0	26.31	26.32	26.33
20M	16QAM	1	0	26.32	26.39	**26.41**
		1	50	26.22	26.32	26.39
		1	99	26.28	26.33	26.38
		50	0	25.26	25.28	25.38
		50	25	25.35	25.35	25.35
		50	50	25.18	25.23	25.25
		100	0	25.26	25.30	25.33
20M	64QAM	1	0	25.45	25.46	**25.48**
		1	50	25.25	25.30	25.35
		1	99	25.32	25.33	25.33
		50	0	24.31	24.31	24.31
		50	25	24.14	24.17	24.27
		50	50	24.12	24.21	24.22
		100	0	24.23	24.26	24.32
20M	256QAM	1	0	22.38	22.41	**22.48**
		1	50	22.21	22.28	22.37
		1	99	22.28	22.30	22.35
		50	0	22.32	22.39	22.42
		50	25	22.32	22.33	22.39
		50	50	22.16	22.24	22.32
		100	0	22.25	22.29	22.31

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		20825	21100	21375
		Frequency (MHz)		2507.5	2535	2562.5
15M	QPSK	1	0	27.27	27.26	**27.33**
		1	37	27.25	27.19	27.25
		1	74	27.10	27.20	27.17
		36	0	26.18	26.19	26.30
		36	19	26.08	26.11	26.23
		36	39	26.17	26.27	26.30
		75	0	26.25	26.22	26.24
15M	16QAM	1	0	26.29	**26.38**	26.35
		1	37	26.20	26.26	26.32
		1	74	26.28	26.31	26.33
		36	0	25.18	25.22	25.32
		36	19	25.33	25.34	25.30
		36	39	25.17	25.13	25.20
		75	0	25.22	25.20	25.29
15M	64QAM	1	0	25.39	**25.44**	25.38
		1	37	25.15	25.28	25.29
		1	74	25.25	25.27	25.23
		36	0	24.21	24.27	24.28
		36	19	24.04	24.11	24.22
		36	39	24.08	24.17	24.12
		75	0	24.14	24.20	24.32
15M	256QAM	1	0	22.32	22.41	**22.45**
		1	37	22.13	22.27	22.28
		1	74	22.25	22.24	22.32
		36	0	22.25	22.29	22.33
		36	19	22.31	22.29	22.38
		36	39	22.16	22.14	22.28
		75	0	22.24	22.21	22.30

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		20800	21100	21400
		Frequency (MHz)		2505	2535	2565
10M	QPSK	1	0	27.21	27.23	**27.27**
		1	24	27.20	27.09	27.18
		1	49	26.99	27.17	27.15
		25	0	26.07	26.06	26.15
		25	12	25.94	26.09	26.12
		25	25	26.08	26.20	26.16
		50	0	26.15	26.21	26.20
10M	16QAM	1	0	26.17	**26.37**	26.28
		1	24	26.05	26.23	26.26
		1	49	26.25	26.28	26.20
		25	0	25.04	25.09	25.24
		25	12	25.22	25.25	25.21
		25	25	25.14	25.02	25.19
		50	0	25.12	25.05	25.24
10M	64QAM	1	0	**25.39**	25.29	25.28
		1	24	25.10	25.13	25.21
		1	49	25.20	25.21	25.12
		25	0	24.06	24.24	24.20
		25	12	23.97	23.98	24.15
		25	25	23.99	24.13	24.09
		50	0	24.11	24.05	24.19
10M	256QAM	1	0	22.26	22.29	**22.41**
		1	24	22.11	22.15	22.27
		1	49	22.10	22.22	22.30
		25	0	22.11	22.29	22.24
		25	12	22.25	22.26	22.34
		25	25	22.13	22.13	22.17
		50	0	22.20	22.17	22.22

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		20775	21100	21425
		Frequency (MHz)		2502.5	2535	2567.5
5M	QPSK	1	0	27.12	27.21	**27.26**
		1	12	27.16	27.11	27.12
		1	24	27.01	27.07	27.02
		12	0	26.07	26.07	26.05
		12	6	25.96	26.00	26.12
		12	13	26.02	26.16	26.14
		25	0	26.21	26.21	26.17
5M	16QAM	1	0	26.20	**26.30**	26.22
		1	12	26.16	26.22	26.18
		1	24	26.17	26.17	26.25
		12	0	25.15	25.08	25.22
		12	6	25.26	25.33	25.19
		12	13	25.16	24.99	25.10
		25	0	25.08	25.17	25.27
5M	64QAM	1	0	25.28	**25.33**	25.32
		1	12	25.12	25.14	25.28
		1	24	25.15	25.19	25.20
		12	0	24.18	24.25	24.18
		12	6	23.95	23.97	24.09
		12	13	24.00	24.08	24.03
		25	0	24.09	24.13	24.30
5M	256QAM	1	0	22.32	**22.33**	22.26
		1	12	22.12	22.22	22.20
		1	24	22.13	22.16	22.21
		12	0	22.11	22.24	22.18
		12	6	22.24	22.29	22.23
		12	13	22.15	22.11	22.07
		25	0	22.13	22.18	22.10

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

7.1.5 LTE Band 12

Conducted Output Power (dBm)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		23060	23095	23130
		Frequency (MHz)		704	707.5	711
10M	QPSK	1	0	22.61	22.57	22.55
		1	24	22.59	22.52	22.46
		1	49	22.46	22.36	22.30
		25	0	21.68	21.58	21.56
		25	12	21.61	21.54	21.50
		25	25	21.53	21.47	21.39
		50	0	21.65	21.56	21.52
10M	16QAM	1	0	21.75	21.75	21.75
		1	24	21.71	21.68	21.65
		1	49	21.59	21.50	21.47
		25	0	20.72	20.71	20.66
		25	12	20.60	20.52	20.44
		25	25	20.58	20.50	20.43
		50	0	20.61	20.61	20.51
10M	64QAM	1	0	20.89	20.84	20.79
		1	24	20.78	20.77	20.72
		1	49	20.68	20.63	20.56
		25	0	19.65	19.56	19.49
		25	12	19.70	19.66	19.66
		25	25	19.66	19.64	19.63
		50	0	19.58	19.49	19.48
10M	256QAM	1	0	17.75	17.71	17.66
		1	24	17.73	17.64	17.56
		1	49	17.68	17.60	17.51
		25	0	17.64	17.61	17.58
		25	12	17.60	17.58	17.49
		25	25	17.55	17.46	17.39
		50	0	17.63	17.62	17.59

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		23035	23095	23155
		Frequency (MHz)		701.5	707.5	713.5
5M	QPSK	1	0	22.58	22.52	22.49
		1	12	22.57	22.49	22.36
		1	24	22.44	22.31	22.27
		12	0	21.64	21.51	21.55
		12	6	21.54	21.48	21.46
		12	13	21.45	21.46	21.29
		25	0	21.58	21.49	21.48
5M	16QAM	1	0	21.74	21.75	21.68
		1	12	21.66	21.65	21.62
		1	24	21.57	21.44	21.47
		12	0	20.67	20.65	20.61
		12	6	20.54	20.42	20.40
		12	13	20.53	20.40	20.43
		25	0	20.54	20.51	20.44
5M	64QAM	1	0	20.83	20.84	20.73
		1	12	20.75	20.68	20.69
		1	24	20.58	20.58	20.46
		12	0	19.64	19.48	19.40
		12	6	19.67	19.56	19.64
		12	13	19.64	19.54	19.60
		25	0	19.55	19.44	19.40
5M	256QAM	1	0	17.68	17.64	17.60
		1	12	17.71	17.59	17.52
		1	24	17.59	17.60	17.51
		12	0	17.57	17.54	17.51
		12	6	17.52	17.48	17.46
		12	13	17.48	17.44	17.39
		25	0	17.59	17.56	17.58

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		23025	23095	23165
		Frequency (MHz)		700.5	707.5	714.5
3M	QPSK	1	0	22.54	22.45	22.50
		1	7	22.58	22.43	22.30
		1	14	22.36	22.20	22.06
		8	0	21.57	21.48	21.43
		8	3	21.43	21.44	21.40
		8	7	21.38	21.39	21.30
		15	0	21.51	21.53	21.42
3M	16QAM	1	0	21.60	21.63	21.68
		1	7	21.56	21.52	21.58
		1	14	21.50	21.29	21.38
		8	0	20.64	20.51	20.61
		8	3	20.40	20.40	20.19
		8	7	20.39	20.39	20.24
		15	0	20.53	20.58	20.42
3M	64QAM	1	0	20.79	20.72	20.67
		1	7	20.64	20.74	20.61
		1	14	20.60	20.43	20.44
		8	0	19.55	19.44	19.42
		8	3	19.64	19.57	19.53
		8	7	19.59	19.52	19.45
		15	0	19.44	19.40	19.42
3M	256QAM	1	0	17.53	17.59	17.48
		1	7	17.66	17.59	17.41
		1	14	17.52	17.47	17.48
		8	0	17.53	17.49	17.41
		8	3	17.45	17.45	17.36
		8	7	17.38	17.30	17.35
		15	0	17.49	17.54	17.49

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		23017	23095	23173
		Frequency (MHz)		699.7	707.5	715.3
1.4M	QPSK	1	0	22.51	22.44	22.47
		1	2	22.54	22.31	22.28
		1	5	22.43	22.23	22.11
		3	0	22.57	22.54	22.35
		3	1	22.51	22.45	22.45
		3	3	22.48	22.30	22.30
		6	0	21.55	21.50	21.48
1.4M	16QAM	1	0	21.59	21.63	21.64
		1	2	21.58	21.66	21.50
		1	5	21.48	21.28	21.28
		3	0	21.56	21.51	21.47
		3	1	21.40	21.33	21.28
		3	3	21.53	21.26	21.30
		6	0	20.53	20.51	20.31
1.4M	64QAM	1	0	20.77	20.76	20.67
		1	2	20.59	20.61	20.66
		1	5	20.61	20.47	20.38
		3	0	20.49	20.41	20.40
		3	1	20.65	20.55	20.55
		3	3	20.61	20.57	20.50
		6	0	19.51	19.34	19.40
1.4M	256QAM	1	0	17.59	17.62	17.51
		1	2	17.69	17.52	17.40
		1	5	17.52	17.60	17.45
		3	0	17.44	17.54	17.37
		3	1	17.52	17.38	17.31
		3	3	17.33	17.44	17.33
		6	0	17.53	17.45	17.45

ERP Power (dBm)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		23060	23095	23130
		Frequency (MHz)		704	707.5	711
10M	QPSK	1	0	**21.58**	21.54	21.52
		1	24	21.56	21.49	21.43
		1	49	21.43	21.33	21.27
		25	0	20.65	20.55	20.53
		25	12	20.58	20.51	20.47
		25	25	20.50	20.44	20.36
		50	0	20.62	20.53	20.49
10M	16QAM	1	0	**20.72**	**20.72**	**20.72**
		1	24	20.68	20.65	20.62
		1	49	20.56	20.47	20.44
		25	0	19.69	19.68	19.63
		25	12	19.57	19.49	19.41
		25	25	19.55	19.47	19.40
		50	0	19.58	19.58	19.48
10M	64QAM	1	0	**19.86**	19.81	19.76
		1	24	19.75	19.74	19.69
		1	49	19.65	19.60	19.53
		25	0	18.62	18.53	18.46
		25	12	18.67	18.63	18.63
		25	25	18.63	18.61	18.60
		50	0	18.55	18.46	18.45
10M	256QAM	1	0	**16.72**	16.68	16.63
		1	24	16.70	16.61	16.53
		1	49	16.65	16.57	16.48
		25	0	16.61	16.58	16.55
		25	12	16.57	16.55	16.46
		25	25	16.52	16.43	16.36
		50	0	16.60	16.59	16.56

*ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		23035	23095	23155
		Frequency (MHz)		701.5	707.5	713.5
5M	QPSK	1	0	**21.55**	21.49	21.46
		1	12	21.54	21.46	21.33
		1	24	21.41	21.28	21.24
		12	0	20.61	20.48	20.52
		12	6	20.51	20.45	20.43
		12	13	20.42	20.43	20.26
		25	0	20.55	20.46	20.45
5M	16QAM	1	0	20.71	**20.72**	20.65
		1	12	20.63	20.62	20.59
		1	24	20.54	20.41	20.44
		12	0	19.64	19.62	19.58
		12	6	19.51	19.39	19.37
		12	13	19.50	19.37	19.40
		25	0	19.51	19.48	19.41
5M	64QAM	1	0	19.80	**19.81**	19.70
		1	12	19.72	19.65	19.66
		1	24	19.55	19.55	19.43
		12	0	18.61	18.45	18.37
		12	6	18.64	18.53	18.61
		12	13	18.61	18.51	18.57
		25	0	18.52	18.41	18.37
5M	256QAM	1	0	16.65	16.61	16.57
		1	12	**16.68**	16.56	16.49
		1	24	16.56	16.57	16.48
		12	0	16.54	16.51	16.48
		12	6	16.49	16.45	16.43
		12	13	16.45	16.41	16.36
		25	0	16.56	16.53	16.55

*ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		23025	23095	23165
		Frequency (MHz)		700.5	707.5	714.5
3M	QPSK	1	0	21.51	21.42	21.47
		1	7	**21.55**	21.40	21.27
		1	14	21.33	21.17	21.03
		8	0	20.54	20.45	20.40
		8	3	20.40	20.41	20.37
		8	7	20.35	20.36	20.27
		15	0	20.48	20.50	20.39
3M	16QAM	1	0	20.57	20.60	**20.65**
		1	7	20.53	20.49	20.55
		1	14	20.47	20.26	20.35
		8	0	19.61	19.48	19.58
		8	3	19.37	19.37	19.16
		8	7	19.36	19.36	19.21
		15	0	19.50	19.55	19.39
3M	64QAM	1	0	**19.76**	19.69	19.64
		1	7	19.61	19.71	19.58
		1	14	19.57	19.40	19.41
		8	0	18.52	18.41	18.39
		8	3	18.61	18.54	18.50
		8	7	18.56	18.49	18.42
		15	0	18.41	18.37	18.39
3M	256QAM	1	0	16.50	16.56	16.45
		1	7	**16.63**	16.56	16.38
		1	14	16.49	16.44	16.45
		8	0	16.50	16.46	16.38
		8	3	16.42	16.42	16.33
		8	7	16.35	16.27	16.32
		15	0	16.46	16.51	16.46

*ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		23017	23095	23173
		Frequency (MHz)		699.7	707.5	715.3
1.4M	QPSK	1	0	21.48	21.41	21.44
		1	2	21.51	21.28	21.25
		1	5	21.40	21.20	21.08
		3	0	**21.54**	21.51	21.32
		3	1	21.48	21.42	21.42
		3	3	21.45	21.27	21.27
		6	0	20.52	20.47	20.45
1.4M	16QAM	1	0	20.56	20.60	20.61
		1	2	20.55	**20.63**	20.47
		1	5	20.45	20.25	20.25
		3	0	20.53	20.48	20.44
		3	1	20.37	20.30	20.25
		3	3	20.50	20.23	20.27
		6	0	19.50	19.48	19.28
1.4M	64QAM	1	0	**19.74**	19.73	19.64
		1	2	19.56	19.58	19.63
		1	5	19.58	19.44	19.35
		3	0	19.46	19.38	19.37
		3	1	19.62	19.52	19.52
		3	3	19.58	19.54	19.47
		6	0	18.48	18.31	18.37
1.4M	256QAM	1	0	16.56	16.59	16.48
		1	2	**16.66**	16.49	16.37
		1	5	16.49	16.57	16.42
		3	0	16.41	16.51	16.34
		3	1	16.49	16.35	16.28
		3	3	16.30	16.41	16.30
		6	0	16.50	16.42	16.42

*ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

7.1.6 LTE Band 13

Conducted Output Power (dBm)

BW	MCS Index	RB Size	RB Offset	Mid
		Channel		23230
		Frequency (MHz)		782
10M	QPSK	1	0	22.38
		1	24	22.32
		1	49	22.31
		25	0	21.43
		25	12	21.41
		25	25	21.37
		50	0	21.39
10M	16QAM	1	0	21.63
		1	24	21.61
		1	49	21.53
		25	0	20.45
		25	12	20.43
		25	25	20.38
		50	0	20.41
10M	64QAM	1	0	20.63
		1	24	20.57
		1	49	20.61
		25	0	19.43
		25	12	19.41
		25	25	19.38
		50	0	19.37
10M	256QAM	1	0	17.57
		1	24	17.53
		1	49	17.51
		25	0	17.38
		25	12	17.41
		25	25	17.43
		50	0	17.38

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		23205	23230	23255
		Frequency (MHz)		779.5	782	784.5
5M	QPSK	1	0	22.31	22.37	22.35
		1	12	22.21	22.32	22.27
		1	24	22.24	22.31	22.30
		12	0	21.35	21.41	21.38
		12	6	21.28	21.38	21.37
		12	13	21.31	21.37	21.36
		25	0	21.34	21.39	21.38
5M	16QAM	1	0	21.52	21.63	21.55
		1	12	21.42	21.61	21.52
		1	24	21.44	21.53	21.53
		12	0	20.37	20.45	20.40
		12	6	20.32	20.43	20.34
		12	13	20.30	20.38	20.32
		25	0	20.27	20.41	20.36
5M	64QAM	1	0	20.55	20.63	20.63
		1	12	20.54	20.57	20.55
		1	24	20.59	20.61	20.60
		12	0	19.30	19.43	19.35
		12	6	19.34	19.41	19.41
		12	13	19.23	19.38	19.32
		25	0	19.29	19.37	19.37
5M	256QAM	1	0	17.41	17.57	17.51
		1	12	17.46	17.53	17.52
		1	24	17.42	17.51	17.51
		12	0	17.32	17.38	17.35
		12	6	17.35	17.41	17.35
		12	13	17.39	17.43	17.39
		25	0	17.34	17.38	17.36

ERP Power (dBm)

BW	MCS Index	RB Size	RB Offset	Mid
		Channel		23230
		Frequency (MHz)		782
10M	QPSK	1	0	**22.25**
		1	24	22.19
		1	49	22.18
		25	0	21.30
		25	12	21.28
		25	25	21.24
		50	0	21.26
10M	16QAM	1	0	**21.50**
		1	24	21.48
		1	49	21.40
		25	0	20.32
		25	12	20.30
		25	25	20.25
		50	0	20.28
10M	64QAM	1	0	**20.50**
		1	24	20.44
		1	49	20.48
		25	0	19.30
		25	12	19.28
		25	25	19.25
		50	0	19.24
10M	256QAM	1	0	**17.44**
		1	24	17.40
		1	49	17.38
		25	0	17.25
		25	12	17.28
		25	25	17.30
		50	0	17.25

*ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		23205	23230	23255
		Frequency (MHz)		779.5	782	784.5
5M	QPSK	1	0	22.18	**22.24**	22.22
		1	12	22.08	22.19	22.14
		1	24	22.11	22.18	22.17
		12	0	21.22	21.28	21.25
		12	6	21.15	21.25	21.24
		12	13	21.18	21.24	21.23
		25	0	21.21	21.26	21.25
5M	16QAM	1	0	21.39	**21.50**	21.42
		1	12	21.29	21.48	21.39
		1	24	21.31	21.40	21.40
		12	0	20.24	20.32	20.27
		12	6	20.19	20.30	20.21
		12	13	20.17	20.25	20.19
		25	0	20.14	20.28	20.23
5M	64QAM	1	0	20.42	**20.50**	**20.50**
		1	12	20.41	20.44	20.42
		1	24	20.46	20.48	20.47
		12	0	19.17	19.30	19.22
		12	6	19.21	19.28	19.28
		12	13	19.10	19.25	19.19
		25	0	19.16	19.24	19.24
5M	256QAM	1	0	17.28	**17.44**	17.38
		1	12	17.33	17.40	17.39
		1	24	17.29	17.38	17.38
		12	0	17.19	17.25	17.22
		12	6	17.22	17.28	17.22
		12	13	17.26	17.30	17.26
		25	0	17.21	17.25	17.23

*ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

7.1.7 LTE Band 25

Conducted Output Power (dBm)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26140	26365	26590
		Frequency (MHz)		1860	1882.5	1905
20M	QPSK	1	0	21.55	**21.63**	21.51
		1	50	21.52	21.61	21.47
		1	99	21.49	21.57	21.42
		50	0	20.61	**20.62**	20.52
		50	25	20.51	20.57	20.48
		50	50	20.47	20.55	20.41
		100	0	20.52	**20.58**	20.43
20M	16QAM	1	0	20.78	20.78	20.74
		1	50	20.60	20.69	20.55
		1	99	20.58	20.61	20.51
		50	0	19.59	19.61	19.52
		50	25	19.54	19.63	19.45
		50	50	19.47	19.56	19.39
		100	0	19.61	19.62	19.58
20M	64QAM	1	0	19.59	19.67	19.56
		1	50	19.62	19.65	19.54
		1	99	19.56	19.57	19.47
		50	0	18.63	18.67	18.58
		50	25	18.60	18.65	18.56
		50	50	18.48	18.53	18.47
		100	0	18.53	18.63	18.49
20M	256QAM	1	0	16.67	16.68	16.61
		1	50	16.65	16.66	16.59
		1	99	16.59	16.63	16.59
		50	0	16.58	16.61	16.51
		50	25	16.55	16.58	16.49
		50	50	16.50	16.55	16.40
		100	0	16.53	16.59	16.44

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26115	26365	26615
		Frequency (MHz)		1857.5	1882.5	1907.5
15M	QPSK	1	0	21.55	21.62	21.46
		1	37	21.45	21.52	21.36
		1	74	21.48	21.47	21.37
		36	0	20.53	20.54	20.51
		36	19	20.44	20.48	20.48
		36	39	20.41	20.47	20.40
		75	0	20.50	20.52	20.33
15M	16QAM	1	0	20.73	20.77	20.65
		1	37	20.50	20.59	20.49
		1	74	20.53	20.60	20.46
		36	0	19.58	19.52	19.45
		36	19	19.45	19.62	19.37
		36	39	19.38	19.50	19.31
		75	0	19.58	19.52	19.51
15M	64QAM	1	0	19.56	19.57	19.50
		1	37	19.62	19.62	19.52
		1	74	19.54	19.49	19.44
		36	0	18.60	18.61	18.50
		36	19	18.52	18.63	18.56
		36	39	18.38	18.49	18.44
		75	0	18.45	18.56	18.46
15M	256QAM	1	0	16.57	16.62	16.55
		1	37	16.56	16.58	16.58
		1	74	16.54	16.59	16.52
		36	0	16.48	16.55	16.43
		36	19	16.49	16.56	16.39
		36	39	16.49	16.49	16.30
		75	0	16.48	16.49	16.38

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26090	26365	26640
		Frequency (MHz)		1855	1882.5	1910
10M	QPSK	1	0	21.54	21.54	21.36
		1	24	21.36	21.49	21.22
		1	49	21.40	21.44	21.26
		25	0	20.49	20.43	20.42
		25	12	20.38	20.38	20.37
		25	25	20.29	20.43	20.30
		50	0	20.36	20.51	20.21
10M	16QAM	1	0	20.59	20.66	20.58
		1	24	20.49	20.56	20.39
		1	49	20.42	20.57	20.39
		25	0	19.58	19.49	19.41
		25	12	19.40	19.55	19.34
		25	25	19.37	19.39	19.17
		50	0	19.53	19.49	19.43
10M	64QAM	1	0	19.50	19.44	19.40
		1	24	19.58	19.60	19.51
		1	49	19.46	19.44	19.35
		25	0	18.47	18.58	18.41
		25	12	18.48	18.52	18.53
		25	25	18.36	18.38	18.38
		50	0	18.31	18.44	18.42
10M	256QAM	1	0	16.57	16.60	16.47
		1	24	16.56	16.57	16.49
		1	49	16.48	16.51	16.49
		25	0	16.47	16.41	16.40
		25	12	16.48	16.44	16.24
		25	25	16.37	16.40	16.19
		50	0	16.36	16.39	16.32

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26065	26365	26665
		Frequency (MHz)		1852.5	1882.5	1912.5
5M	QPSK	1	0	21.45	21.55	21.26
		1	12	21.41	21.51	21.22
		1	24	21.42	21.40	21.25
		12	0	20.47	20.39	20.33
		12	6	20.41	20.42	20.35
		12	13	20.33	20.41	20.17
		25	0	20.43	20.37	20.17
5M	16QAM	1	0	20.69	20.73	20.53
		1	12	20.38	20.57	20.41
		1	24	20.53	20.45	20.41
		12	0	19.51	19.50	19.36
		12	6	19.39	19.49	19.23
		12	13	19.31	19.38	19.21
		25	0	19.55	19.45	19.44
5M	64QAM	1	0	19.43	19.46	19.48
		1	12	19.56	19.55	19.50
		1	24	19.46	19.47	19.39
		12	0	18.59	18.55	18.50
		12	6	18.52	18.60	18.51
		12	13	18.23	18.36	18.40
		25	0	18.42	18.45	18.35
5M	256QAM	1	0	16.50	16.51	16.35
		1	12	16.44	16.58	16.34
		1	24	16.44	16.55	16.37
		12	0	16.42	16.44	16.31
		12	6	16.46	16.56	16.12
		12	13	16.49	16.35	16.11
		25	0	16.34	16.47	16.17

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26055	26365	26675
		Frequency (MHz)		1851.5	1882.5	1913.5
3M	QPSK	1	0	21.43	21.58	21.35
		1	7	21.38	21.43	21.24
		1	14	21.44	21.43	21.31
		8	0	20.46	20.52	20.44
		8	3	20.33	20.42	20.47
		8	7	20.36	20.34	20.28
		15	0	20.47	20.43	20.20
3M	16QAM	1	0	20.59	20.66	20.53
		1	7	20.43	20.57	20.49
		1	14	20.41	20.58	20.46
		8	0	19.46	19.38	19.36
		8	3	19.41	19.60	19.27
		8	7	19.38	19.47	19.26
		15	0	19.57	19.48	19.50
3M	64QAM	1	0	19.49	19.45	19.45
		1	7	19.58	19.60	19.51
		1	14	19.39	19.44	19.31
		8	0	18.47	18.61	18.35
		8	3	18.45	18.62	18.55
		8	7	18.29	18.39	18.36
		15	0	18.30	18.55	18.44
3M	256QAM	1	0	16.44	16.52	16.52
		1	7	16.42	16.53	16.51
		1	14	16.45	16.51	16.50
		8	0	16.46	16.42	16.41
		8	3	16.46	16.54	16.26
		8	7	16.39	16.47	16.15
		15	0	16.45	16.43	16.38

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26047	26365	26683
		Frequency (MHz)		1850.7	1882.5	1914.3
1.4M	QPSK	1	0	21.45	21.60	21.38
		1	2	21.33	21.50	21.24
		1	5	21.41	21.34	21.31
		3	0	21.42	21.54	21.39
		3	1	21.36	21.38	21.46
		3	3	21.28	21.35	21.26
		6	0	20.38	20.51	20.31
1.4M	16QAM	1	0	20.68	20.65	20.58
		1	2	20.48	20.45	20.36
		1	5	20.42	20.58	20.40
		3	0	20.44	20.41	20.44
		3	1	20.43	20.56	20.32
		3	3	20.28	20.37	20.31
		6	0	19.50	19.39	19.42
1.4M	64QAM	1	0	19.44	19.46	19.41
		1	2	19.52	19.58	19.44
		1	5	19.41	19.48	19.41
		3	0	19.49	19.49	19.49
		3	1	19.42	19.62	19.43
		3	3	19.24	19.43	19.33
		6	0	18.45	18.52	18.35
1.4M	256QAM	1	0	16.56	16.59	16.51
		1	2	16.51	16.51	16.43
		1	5	16.42	16.56	16.37
		3	0	16.41	16.49	16.37
		3	1	16.39	16.45	16.34
		3	3	16.46	16.43	16.25
		6	0	16.43	16.45	16.29

EIRP Power (dBm)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26140	26365	26590
		Frequency (MHz)		1860	1882.5	1905
20M	QPSK	1	0	26.60	**26.68**	26.56
		1	50	26.57	26.66	26.52
		1	99	26.54	26.62	26.47
		50	0	25.66	25.67	25.57
		50	25	25.56	25.62	25.53
		50	50	25.52	25.60	25.46
		100	0	25.57	25.63	25.48
20M	16QAM	1	0	**25.83**	**25.83**	25.79
		1	50	25.65	25.74	25.60
		1	99	25.63	25.66	25.56
		50	0	24.64	24.66	24.57
		50	25	24.59	24.68	24.50
		50	50	24.52	24.61	24.44
		100	0	24.66	24.67	24.63
20M	64QAM	1	0	24.64	**24.72**	24.61
		1	50	24.67	24.70	24.59
		1	99	24.61	24.62	24.52
		50	0	23.68	23.72	23.63
		50	25	23.65	23.70	23.61
		50	50	23.53	23.58	23.52
		100	0	23.58	23.68	23.54
20M	256QAM	1	0	21.72	**21.73**	21.66
		1	50	21.70	21.71	21.64
		1	99	21.64	21.68	21.64
		50	0	21.63	21.66	21.56
		50	25	21.60	21.63	21.54
		50	50	21.55	21.60	21.45
		100	0	21.58	21.64	21.49

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26115	26365	26615
		Frequency (MHz)		1857.5	1882.5	1907.5
15M	QPSK	1	0	26.60	**26.67**	26.51
		1	37	26.50	26.57	26.41
		1	74	26.53	26.52	26.42
		36	0	25.58	25.59	25.56
		36	19	25.49	25.53	25.53
		36	39	25.46	25.52	25.45
		75	0	25.55	25.57	25.38
15M	16QAM	1	0	25.78	**25.82**	25.70
		1	37	25.55	25.64	25.54
		1	74	25.58	25.65	25.51
		36	0	24.63	24.57	24.50
		36	19	24.50	24.67	24.42
		36	39	24.43	24.55	24.36
		75	0	24.63	24.57	24.56
15M	64QAM	1	0	24.61	24.62	24.55
		1	37	**24.67**	**24.67**	24.57
		1	74	24.59	24.54	24.49
		36	0	23.65	23.66	23.55
		36	19	23.57	23.68	23.61
		36	39	23.43	23.54	23.49
		75	0	23.50	23.61	23.51
15M	256QAM	1	0	21.62	**21.67**	21.60
		1	37	21.61	21.63	21.63
		1	74	21.59	21.64	21.57
		36	0	21.53	21.60	21.48
		36	19	21.54	21.61	21.44
		36	39	21.54	21.54	21.35
		75	0	21.53	21.54	21.43

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26090	26365	26640
		Frequency (MHz)		1855	1882.5	1910
10M	QPSK	1	0	**26.59**	**26.59**	26.41
		1	24	26.41	26.54	26.27
		1	49	26.45	26.49	26.31
		25	0	25.54	25.48	25.47
		25	12	25.43	25.43	25.42
		25	25	25.34	25.48	25.35
		50	0	25.41	25.56	25.26
10M	16QAM	1	0	25.64	**25.71**	25.63
		1	24	25.54	25.61	25.44
		1	49	25.47	25.62	25.44
		25	0	24.63	24.54	24.46
		25	12	24.45	24.60	24.39
		25	25	24.42	24.44	24.22
		50	0	24.58	24.54	24.48
10M	64QAM	1	0	24.55	24.49	24.45
		1	24	24.63	**24.65**	24.56
		1	49	24.51	24.49	24.40
		25	0	23.52	23.63	23.46
		25	12	23.53	23.57	23.58
		25	25	23.41	23.43	23.43
		50	0	23.36	23.49	23.47
10M	256QAM	1	0	21.62	**21.65**	21.52
		1	24	21.61	21.62	21.54
		1	49	21.53	21.56	21.54
		25	0	21.52	21.46	21.45
		25	12	21.53	21.49	21.29
		25	25	21.42	21.45	21.24
		50	0	21.41	21.44	21.37

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26065	26365	26665
		Frequency (MHz)		1852.5	1882.5	1912.5
5M	QPSK	1	0	26.50	**26.60**	26.31
		1	12	26.46	26.56	26.27
		1	24	26.47	26.45	26.30
		12	0	25.52	25.44	25.38
		12	6	25.46	25.47	25.40
		12	13	25.38	25.46	25.22
		25	0	25.48	25.42	25.22
5M	16QAM	1	0	25.74	**25.78**	25.58
		1	12	25.43	25.62	25.46
		1	24	25.58	25.50	25.46
		12	0	24.56	24.55	24.41
		12	6	24.44	24.54	24.28
		12	13	24.36	24.43	24.26
		25	0	24.60	24.50	24.49
5M	64QAM	1	0	24.48	24.51	24.53
		1	12	**24.61**	24.60	24.55
		1	24	24.51	24.52	24.44
		12	0	23.64	23.60	23.55
		12	6	23.57	23.65	23.56
		12	13	23.28	23.41	23.45
		25	0	23.47	23.50	23.40
5M	256QAM	1	0	21.55	21.56	21.40
		1	12	21.49	**21.63**	21.39
		1	24	21.49	21.60	21.42
		12	0	21.47	21.49	21.36
		12	6	21.51	21.61	21.17
		12	13	21.54	21.40	21.16
		25	0	21.39	21.52	21.22

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26055	26365	26675
		Frequency (MHz)		1851.5	1882.5	1913.5
3M	QPSK	1	0	26.48	**26.63**	26.40
		1	7	26.43	26.48	26.29
		1	14	26.49	26.48	26.36
		8	0	25.51	25.57	25.49
		8	3	25.38	25.47	25.52
		8	7	25.41	25.39	25.33
		15	0	25.52	25.48	25.25
3M	16QAM	1	0	25.64	**25.71**	25.58
		1	7	25.48	25.62	25.54
		1	14	25.46	25.63	25.51
		8	0	24.51	24.43	24.41
		8	3	24.46	24.65	24.32
		8	7	24.43	24.52	24.31
		15	0	24.62	24.53	24.55
3M	64QAM	1	0	24.54	24.50	24.50
		1	7	24.63	**24.65**	24.56
		1	14	24.44	24.49	24.36
		8	0	23.52	23.66	23.40
		8	3	23.50	23.67	23.60
		8	7	23.34	23.44	23.41
		15	0	23.35	23.60	23.49
3M	256QAM	1	0	21.49	21.57	21.57
		1	7	21.47	21.58	21.56
		1	14	21.50	21.56	21.55
		8	0	21.51	21.47	21.46
		8	3	21.51	**21.59**	21.31
		8	7	21.44	21.52	21.20
		15	0	21.50	21.48	21.43

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26047	26365	26683
		Frequency (MHz)		1850.7	1882.5	1914.3
1.4M	QPSK	1	0	26.50	**26.65**	26.43
		1	2	26.38	26.55	26.29
		1	5	26.46	26.39	26.36
		3	0	26.47	26.59	26.44
		3	1	26.41	26.43	26.51
		3	3	26.33	26.40	26.31
		6	0	25.43	25.56	25.36
1.4M	16QAM	1	0	**25.73**	25.70	25.63
		1	2	25.53	25.50	25.41
		1	5	25.47	25.63	25.45
		3	0	25.49	25.46	25.49
		3	1	25.48	25.61	25.37
		3	3	25.33	25.42	25.36
		6	0	24.55	24.44	24.47
1.4M	64QAM	1	0	24.49	24.51	24.46
		1	2	24.57	24.63	24.49
		1	5	24.46	24.53	24.46
		3	0	24.54	24.54	24.54
		3	1	24.47	**24.67**	24.48
		3	3	24.29	24.48	24.38
		6	0	23.50	23.57	23.40
1.4M	256QAM	1	0	21.61	**21.64**	21.56
		1	2	21.56	21.56	21.48
		1	5	21.47	21.61	21.42
		3	0	21.46	21.54	21.42
		3	1	21.44	21.50	21.39
		3	3	21.51	21.48	21.30
		6	0	21.48	21.50	21.34

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

7.1.8 LTE Band 26 (Part 22)

Conducted Output Power (dBm)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26865	26915	26965
		Frequency (MHz)		831.5	836.5	841.5
15M	QPSK	1	0	22.36	22.40	22.28
		1	37	22.33	22.31	22.23
		1	74	22.31	22.23	22.20
		36	0	21.35	21.46	21.27
		36	19	21.31	21.44	21.22
		36	39	21.32	21.34	21.19
		75	0	21.33	21.51	21.25
15M	16QAM	1	0	21.63	21.41	21.56
		1	37	21.53	21.31	21.43
		1	74	21.51	21.24	21.44
		36	0	20.36	20.47	20.25
		36	19	20.33	20.40	20.27
		36	39	20.31	20.40	20.29
		75	0	20.35	20.46	20.24
15M	64QAM	1	0	20.63	20.37	20.52
		1	37	20.57	20.29	20.50
		1	74	20.43	20.24	20.41
		36	0	19.43	19.39	19.31
		36	19	19.38	19.38	19.26
		36	39	19.36	19.32	19.33
		75	0	19.41	19.53	19.32
15M	256QAM	1	0	17.47	17.39	17.31
		1	37	17.45	17.39	17.32
		1	74	17.38	17.41	17.25
		36	0	17.37	17.33	17.25
		36	19	17.31	17.25	17.22
		36	39	17.33	17.38	17.22
		75	0	17.35	17.27	17.24

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26840	26915	26990
		Frequency (MHz)		829	836.5	844
10M	QPSK	1	0	22.35	22.33	22.19
		1	24	22.26	22.18	22.14
		1	49	22.25	22.25	22.13
		25	0	21.29	21.19	21.06
		25	12	21.28	21.19	21.29
		25	25	21.25	21.25	21.15
		50	0	21.28	21.22	21.23
10M	16QAM	1	0	21.63	21.57	21.53
		1	24	21.49	21.47	21.34
		1	49	21.50	21.48	21.43
		25	0	20.28	20.28	20.19
		25	12	20.27	20.19	20.26
		25	25	20.30	20.30	20.23
		50	0	20.30	20.24	20.15
10M	64QAM	1	0	20.59	20.54	20.48
		1	24	20.57	20.54	20.47
		1	49	20.42	20.42	20.31
		25	0	19.37	19.36	19.26
		25	12	19.32	19.28	19.22
		25	25	19.36	19.30	19.26
		50	0	19.33	19.32	19.24
10M	256QAM	1	0	17.39	17.37	17.31
		1	24	17.37	17.32	17.31
		1	49	17.29	17.20	17.23
		25	0	17.33	17.23	17.15
		25	12	17.26	17.26	17.18
		25	25	17.23	17.16	17.16
		50	0	17.33	17.25	17.20

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26815	26915	27015
		Frequency (MHz)		826.5	836.5	846.5
5M	QPSK	1	0	22.38	22.13	22.31
		1	12	22.34	22.01	22.21
		1	24	22.36	21.91	22.24
		12	0	21.27	20.89	21.35
		12	6	21.24	21.05	21.28
		12	13	21.22	21.08	21.31
		25	0	21.22	21.15	21.34
5M	16QAM	1	0	21.46	21.47	21.52
		1	12	21.43	21.27	21.42
		1	24	21.35	21.37	21.44
		12	0	20.26	20.18	20.37
		12	6	20.33	20.21	20.32
		12	13	20.23	20.14	20.30
		25	0	20.28	20.14	20.27
5M	64QAM	1	0	20.37	20.46	20.55
		1	12	20.40	20.45	20.54
		1	24	20.21	20.31	20.59
		12	0	19.24	19.23	19.30
		12	6	19.27	19.11	19.34
		12	13	19.22	19.25	19.23
		25	0	19.36	19.13	19.29
5M	256QAM	1	0	17.41	17.11	17.41
		1	12	17.35	17.08	17.46
		1	24	17.30	17.04	17.42
		12	0	17.35	17.05	17.32
		12	6	17.25	17.06	17.35
		12	13	17.29	17.01	17.39
		25	0	17.42	17.02	17.34

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26805	26915	27025
		Frequency (MHz)		825.5	836.5	847.5
3M	QPSK	1	0	22.05	22.24	22.19
		1	7	22.04	22.17	22.09
		1	14	21.88	22.32	22.05
		8	0	21.07	21.17	20.92
		8	3	21.04	21.11	21.23
		8	7	20.98	21.02	21.01
		15	0	20.98	21.19	21.17
3M	16QAM	1	0	20.97	21.35	21.41
		1	7	20.91	21.42	21.23
		1	14	20.94	21.14	21.31
		8	0	20.07	20.17	20.09
		8	3	20.00	20.15	20.18
		8	7	20.02	20.07	20.19
		15	0	20.08	20.24	20.03
3M	64QAM	1	0	20.01	20.31	20.35
		1	7	19.95	20.37	20.35
		1	14	19.85	19.99	20.16
		8	0	19.12	19.09	19.25
		8	3	19.10	19.10	19.13
		8	7	19.03	19.04	19.14
		15	0	19.02	19.20	19.22
3M	256QAM	1	0	17.08	17.32	17.22
		1	7	17.07	17.20	17.25
		1	14	16.92	17.06	17.21
		8	0	17.03	17.29	17.13
		8	3	17.06	17.15	17.08
		8	7	17.02	17.14	17.16
		15	0	17.09	17.25	17.11

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26797	26915	27033
		Frequency (MHz)		824.7	836.5	848.3
1.4M	QPSK	1	0	22.10	22.07	22.04
		1	2	22.13	22.03	22.09
		1	5	22.06	22.06	22.13
		3	0	21.34	21.24	21.93
		3	1	21.33	21.25	22.14
		3	3	21.20	21.20	22.06
		6	0	21.22	21.21	21.18
1.4M	16QAM	1	0	21.30	21.03	21.41
		1	2	21.16	21.09	21.30
		1	5	20.92	21.03	21.40
		3	0	20.37	20.31	21.15
		3	1	20.45	20.24	21.15
		3	3	20.22	20.19	21.09
		6	0	20.28	20.17	20.10
1.4M	64QAM	1	0	20.25	20.10	20.35
		1	2	20.30	20.05	20.32
		1	5	20.32	20.00	20.24
		3	0	19.29	19.26	20.26
		3	1	19.36	19.23	20.10
		3	3	19.23	19.15	20.22
		6	0	19.28	19.19	19.10
1.4M	256QAM	1	0	17.22	17.17	17.20
		1	2	17.16	17.12	17.20
		1	5	17.42	17.32	17.11
		3	0	17.25	17.21	17.08
		3	1	17.16	17.13	17.03
		3	3	17.22	17.22	17.12
		6	0	17.09	17.01	17.05

ERP Power (dBm)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26865	26915	26965
		Frequency (MHz)		831.5	836.5	841.5
15M	QPSK	1	0	22.59	**22.63**	22.51
		1	37	22.56	22.54	22.46
		1	74	22.54	22.46	22.43
		36	0	21.58	21.69	21.50
		36	19	21.54	21.67	21.45
		36	39	21.55	21.57	21.42
		75	0	21.56	21.74	21.48
15M	16QAM	1	0	**21.86**	21.64	21.79
		1	37	21.76	21.54	21.66
		1	74	21.74	21.47	21.67
		36	0	20.59	20.70	20.48
		36	19	20.56	20.63	20.50
		36	39	20.54	20.63	20.52
		75	0	20.58	20.69	20.47
15M	64QAM	1	0	**20.86**	20.60	20.75
		1	37	20.80	20.52	20.73
		1	74	20.66	20.47	20.64
		36	0	19.66	19.62	19.54
		36	19	19.61	19.61	19.49
		36	39	19.59	19.55	19.56
		75	0	19.64	19.76	19.55
15M	256QAM	1	0	**17.70**	17.62	17.54
		1	37	17.68	17.62	17.55
		1	74	17.61	17.64	17.48
		36	0	17.60	17.56	17.48
		36	19	17.54	17.48	17.45
		36	39	17.56	17.61	17.45
		75	0	17.58	17.50	17.47

*ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26840	26915	26990
		Frequency (MHz)		829	836.5	844
10M	QPSK	1	0	22.55	**22.58**	22.42
		1	24	22.48	22.49	22.37
		1	49	22.49	22.48	22.36
		25	0	21.48	21.52	21.29
		25	12	21.48	21.51	21.52
		25	25	21.48	21.48	21.38
		50	0	21.51	21.51	21.46
10M	16QAM	1	0	21.79	**21.86**	21.76
		1	24	21.67	21.72	21.57
		1	49	21.64	21.73	21.66
		25	0	20.55	20.51	20.42
		25	12	20.55	20.50	20.49
		25	25	20.46	20.53	20.46
		50	0	20.54	20.53	20.38
10M	64QAM	1	0	**20.83**	20.82	20.71
		1	24	20.80	20.80	20.70
		1	49	20.65	20.65	20.54
		25	0	19.62	19.60	19.49
		25	12	19.57	19.55	19.45
		25	25	19.55	19.59	19.49
		50	0	19.58	19.56	19.47
10M	256QAM	1	0	**17.66**	17.62	17.54
		1	24	17.64	17.60	17.54
		1	49	17.58	17.52	17.46
		25	0	17.56	17.56	17.38
		25	12	17.52	17.49	17.41
		25	25	17.46	17.46	17.39
		50	0	17.55	17.56	17.43

*ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26815	26915	27015
		Frequency (MHz)		826.5	836.5	846.5
5M	QPSK	1	0	**22.53**	22.47	22.36
		1	12	22.36	22.33	22.24
		1	24	22.38	22.47	22.14
		12	0	21.48	21.29	21.12
		12	6	21.36	21.36	21.28
		12	13	21.47	21.37	21.31
		25	0	21.50	21.34	21.38
5M	16QAM	1	0	21.70	**21.75**	21.70
		1	12	21.59	21.62	21.50
		1	24	21.53	21.71	21.60
		12	0	20.50	20.46	20.41
		12	6	20.46	20.30	20.44
		12	13	20.33	20.50	20.37
		25	0	20.54	20.43	20.37
5M	64QAM	1	0	20.71	**20.76**	20.69
		1	12	20.65	20.68	20.68
		1	24	20.58	20.61	20.54
		12	0	19.55	19.58	19.46
		12	6	19.44	19.37	19.34
		12	13	19.41	19.40	19.48
		25	0	19.54	19.46	19.36
5M	256QAM	1	0	**17.65**	17.56	17.34
		1	12	17.54	17.40	17.31
		1	24	17.44	17.29	17.27
		12	0	17.53	17.34	17.28
		12	6	17.44	17.45	17.29
		12	13	17.41	17.29	17.24
		25	0	17.46	17.35	17.25

*ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26805	26915	27025
		Frequency (MHz)		825.5	836.5	847.5
3M	QPSK	1	0	22.53	22.52	22.47
		1	7	22.38	22.51	22.40
		1	14	22.45	22.33	**22.55**
		8	0	21.37	21.56	21.40
		8	3	21.43	21.52	21.34
		8	7	21.41	21.44	21.25
		15	0	21.37	21.42	21.42
3M	16QAM	1	0	21.65	21.51	21.58
		1	7	**21.67**	21.53	21.65
		1	14	21.61	21.28	21.37
		8	0	20.43	20.62	20.40
		8	3	20.41	20.46	20.38
		8	7	20.44	20.39	20.30
		15	0	20.48	20.46	20.47
3M	64QAM	1	0	**20.82**	20.50	20.54
		1	7	20.77	20.46	20.60
		1	14	20.55	20.32	20.22
		8	0	19.48	19.55	19.32
		8	3	19.51	19.43	19.33
		8	7	19.44	19.37	19.27
		15	0	19.50	19.48	19.43
3M	256QAM	1	0	17.58	17.56	17.55
		1	7	17.50	17.39	17.43
		1	14	17.57	**17.63**	17.29
		8	0	17.51	17.47	17.52
		8	3	17.40	17.50	17.38
		8	7	17.36	17.49	17.37
		15	0	17.45	17.34	17.48

*ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26797	26915	27033
		Frequency (MHz)		824.7	836.5	848.3
1.4M	QPSK	1	0	22.44	22.48	22.30
		1	2	22.41	22.47	22.26
		1	5	22.47	**22.49**	22.29
		3	0	22.38	21.43	21.47
		3	1	22.42	21.37	21.48
		3	3	22.45	21.33	21.43
		6	0	21.38	21.44	21.44
1.4M	16QAM	1	0	**21.72**	21.66	21.26
		1	2	21.67	21.66	21.32
		1	5	21.70	21.56	21.26
		3	0	21.47	20.49	20.54
		3	1	21.28	20.50	20.47
		3	3	21.48	20.41	20.42
		6	0	20.40	20.45	20.40
1.4M	64QAM	1	0	**20.75**	20.57	20.33
		1	2	20.67	20.57	20.28
		1	5	20.60	20.36	20.23
		3	0	20.48	19.47	19.49
		3	1	20.50	19.49	19.46
		3	3	20.40	19.37	19.38
		6	0	19.42	19.57	19.42
1.4M	256QAM	1	0	17.57	**17.61**	17.40
		1	2	17.48	17.53	17.35
		1	5	17.30	17.45	17.55
		3	0	17.32	17.57	17.44
		3	1	17.38	17.41	17.36
		3	3	17.26	17.42	17.45
		6	0	17.37	17.56	17.24

*ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

7.1.9 LTE Band 26 (Part 90)

Conducted Output Power (dBm)

BW	MCS Index	RB Size	RB Offset	Mid
		Channel		26740
		Frequency (MHz)		819
10M	QPSK	1	0	22.32
		1	24	22.25
		1	49	22.26
		25	0	21.25
		25	12	21.25
		25	25	21.25
		50	0	21.28
10M	16QAM	1	0	21.56
		1	24	21.44
		1	49	21.41
		25	0	20.32
		25	12	20.32
		25	25	20.23
		50	0	20.31
10M	64QAM	1	0	20.60
		1	24	20.57
		1	49	20.42
		25	0	19.39
		25	12	19.34
		25	25	19.32
		50	0	19.35
10M	256QAM	1	0	17.43
		1	24	17.41
		1	49	17.35
		25	0	17.33
		25	12	17.29
		25	25	17.23
		50	0	17.32

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26715	26740	26765
		Frequency (MHz)		816.5	819	821.5
5M	QPSK	1	0	22.30	22.28	22.24
		1	12	22.13	22.13	22.10
		1	24	22.15	21.93	22.24
		12	0	21.25	21.35	21.06
		12	6	21.13	21.26	21.13
		12	13	21.24	21.25	21.14
		25	0	21.27	21.28	21.11
5M	16QAM	1	0	21.47	21.30	21.52
		1	12	21.36	21.18	21.39
		1	24	21.30	20.96	21.48
		12	0	20.27	20.31	20.23
		12	6	20.23	20.27	20.07
		12	13	20.10	20.25	20.27
		25	0	20.31	20.30	20.20
5M	64QAM	1	0	20.48	20.41	20.53
		1	12	20.42	20.28	20.45
		1	24	20.35	20.08	20.38
		12	0	19.32	19.32	19.35
		12	6	19.21	19.29	19.14
		12	13	19.18	19.19	19.17
		25	0	19.31	19.28	19.23
5M	256QAM	1	0	17.42	17.32	17.33
		1	12	17.31	17.19	17.17
		1	24	17.21	17.06	17.06
		12	0	17.30	17.28	17.11
		12	6	17.21	17.26	17.22
		12	13	17.18	17.24	17.06
		25	0	17.23	17.25	17.12

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26705	26740	26775
		Frequency (MHz)		815.5	819	822.5
3M	QPSK	1	0	22.30	22.26	22.29
		1	7	22.15	22.12	22.28
		1	14	22.22	22.14	22.10
		8	0	21.14	21.05	21.33
		8	3	21.20	21.16	21.29
		8	7	21.18	21.20	21.21
		15	0	21.14	21.10	21.19
3M	16QAM	1	0	21.42	21.57	21.28
		1	7	21.44	21.46	21.30
		1	14	21.38	21.47	21.05
		8	0	20.20	20.27	20.39
		8	3	20.18	20.08	20.23
		8	7	20.21	20.18	20.16
		15	0	20.25	20.15	20.23
3M	64QAM	1	0	20.59	20.54	20.27
		1	7	20.54	20.44	20.23
		1	14	20.32	20.33	20.09
		8	0	19.25	19.34	19.32
		8	3	19.28	19.16	19.20
		8	7	19.21	19.17	19.14
		15	0	19.27	19.30	19.25
3M	256QAM	1	0	17.35	17.34	17.33
		1	7	17.27	17.31	17.16
		1	14	17.34	17.07	17.40
		8	0	17.28	17.12	17.24
		8	3	17.17	17.23	17.27
		8	7	17.13	17.05	17.26
		15	0	17.22	17.22	17.11

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26697	26740	26783
		Frequency (MHz)		814.7	819	823.3
1.4M	QPSK	1	0	22.21	22.26	22.25
		1	2	22.18	22.24	22.24
		1	5	22.24	22.19	22.26
		3	0	22.15	22.22	21.20
		3	1	22.19	22.22	21.14
		3	3	22.22	22.17	21.10
		6	0	21.15	21.15	21.21
1.4M	16QAM	1	0	21.49	21.48	21.43
		1	2	21.44	21.39	21.43
		1	5	21.47	21.39	21.33
		3	0	21.24	21.25	20.26
		3	1	21.05	21.32	20.27
		3	3	21.25	21.13	20.18
		6	0	20.17	20.20	20.22
1.4M	64QAM	1	0	20.52	20.47	20.34
		1	2	20.44	20.51	20.34
		1	5	20.37	20.28	20.13
		3	0	20.25	20.38	19.24
		3	1	20.27	20.29	19.26
		3	3	20.17	20.20	19.14
		6	0	19.19	19.31	19.34
1.4M	256QAM	1	0	17.34	17.36	17.38
		1	2	17.25	17.26	17.30
		1	5	17.07	17.33	17.22
		3	0	17.09	17.25	17.34
		3	1	17.15	17.26	17.18
		3	3	17.03	17.10	17.19
		6	0	17.14	17.22	17.33

ERP Power (dBm)

BW	MCS Index	RB Size	RB Offset	Mid
		Channel		26740
		Frequency (MHz)		819
10M	QPSK	1	0	**22.47**
		1	24	22.40
		1	49	22.41
		25	0	21.40
		25	12	21.40
		25	25	21.40
		50	0	21.43
10M	16QAM	1	0	**21.71**
		1	24	21.59
		1	49	21.56
		25	0	20.47
		25	12	20.47
		25	25	20.38
		50	0	20.46
10M	64QAM	1	0	**20.75**
		1	24	20.72
		1	49	20.57
		25	0	19.54
		25	12	19.49
		25	25	19.47
		50	0	19.50
10M	256QAM	1	0	**17.58**
		1	24	17.56
		1	49	17.50
		25	0	17.48
		25	12	17.44
		25	25	17.38
		50	0	17.47

*ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26715	26740	26765
		Frequency (MHz)		816.5	819	821.5
5M	QPSK	1	0	**22.45**	22.43	22.39
		1	12	22.28	22.28	22.25
		1	24	22.30	22.08	22.39
		12	0	21.40	21.50	21.21
		12	6	21.28	21.41	21.28
		12	13	21.39	21.40	21.29
		25	0	21.42	21.43	21.26
5M	16QAM	1	0	21.62	21.45	**21.67**
		1	12	21.51	21.33	21.54
		1	24	21.45	21.11	21.63
		12	0	20.42	20.46	20.38
		12	6	20.38	20.42	20.22
		12	13	20.25	20.40	20.42
		25	0	20.46	20.45	20.35
5M	64QAM	1	0	20.63	20.56	**20.68**
		1	12	20.57	20.43	20.60
		1	24	20.50	20.23	20.53
		12	0	19.47	19.47	19.50
		12	6	19.36	19.44	19.29
		12	13	19.33	19.34	19.32
		25	0	19.46	19.43	19.38
5M	256QAM	1	0	**17.57**	17.47	17.48
		1	12	17.46	17.34	17.32
		1	24	17.36	17.21	17.21
		12	0	17.45	17.43	17.26
		12	6	17.36	17.41	17.37
		12	13	17.33	17.39	17.21
		25	0	17.38	17.40	17.27

*ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26705	26740	26775
		Frequency (MHz)		815.5	819	822.5
3M	QPSK	1	0	**22.45**	22.41	22.44
		1	7	22.30	22.27	22.43
		1	14	22.37	22.29	22.25
		8	0	21.29	21.20	21.48
		8	3	21.35	21.31	21.44
		8	7	21.33	21.35	21.36
		15	0	21.29	21.25	21.34
3M	16QAM	1	0	21.57	**21.72**	21.43
		1	7	21.59	21.61	21.45
		1	14	21.53	21.62	21.20
		8	0	20.35	20.42	20.54
		8	3	20.33	20.23	20.38
		8	7	20.36	20.33	20.31
		15	0	20.40	20.30	20.38
3M	64QAM	1	0	**20.74**	20.69	20.42
		1	7	20.69	20.59	20.38
		1	14	20.47	20.48	20.24
		8	0	19.40	19.49	19.47
		8	3	19.43	19.31	19.35
		8	7	19.36	19.32	19.29
		15	0	19.42	19.45	19.40
3M	256QAM	1	0	17.50	17.49	17.48
		1	7	17.42	17.46	17.31
		1	14	17.49	17.22	**17.55**
		8	0	17.43	17.27	17.39
		8	3	17.32	17.38	17.42
		8	7	17.28	17.20	17.41
		15	0	17.37	17.37	17.26

*ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26697	26740	26783
		Frequency (MHz)		814.7	819	823.3
1.4M	QPSK	1	0	22.36	**22.41**	22.40
		1	2	22.33	22.39	22.39
		1	5	22.39	22.34	22.41
		3	0	22.30	22.37	21.35
		3	1	22.34	22.37	21.29
		3	3	22.37	22.32	21.25
		6	0	21.30	21.30	21.36
1.4M	16QAM	1	0	**21.64**	21.63	21.58
		1	2	21.59	21.54	21.58
		1	5	21.62	21.54	21.48
		3	0	21.39	21.40	20.41
		3	1	21.20	21.47	20.42
		3	3	21.40	21.28	20.33
		6	0	20.32	20.35	20.37
1.4M	64QAM	1	0	**20.67**	20.62	20.49
		1	2	20.59	20.66	20.49
		1	5	20.52	20.43	20.28
		3	0	20.40	20.53	19.39
		3	1	20.42	20.44	19.41
		3	3	20.32	20.35	19.29
		6	0	19.34	19.46	19.49
1.4M	256QAM	1	0	17.49	17.51	**17.53**
		1	2	17.40	17.41	17.45
		1	5	17.22	17.48	17.37
		3	0	17.24	17.40	17.49
		3	1	17.30	17.41	17.33
		3	3	17.18	17.25	17.34
		6	0	17.29	17.37	17.48

*ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

7.1.10 LTE Band 38 (Power Class III)

Conducted Output Power (dBm)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		37850	38000	38150
		Frequency (MHz)		2580	2595	2610
20M	QPSK	1	0	22.32	22.16	22.08
		1	50	22.18	22.13	22.06
		1	99	22.02	21.95	21.87
		50	0	21.38	21.31	21.21
		50	25	21.32	21.27	21.20
		50	50	21.28	21.26	21.17
		100	0	**21.33**	21.30	21.24
20M	16QAM	1	0	21.35	21.30	21.28
		1	50	21.18	21.18	21.10
		1	99	21.05	20.95	20.86
		50	0	20.36	20.29	20.20
		50	25	20.31	20.26	20.24
		50	50	20.27	20.18	20.15
		100	0	20.33	20.33	20.24
20M	64QAM	1	0	20.48	20.46	20.41
		1	50	20.32	20.30	20.23
		1	99	20.11	20.08	20.06
		50	0	19.39	19.34	19.31
		50	25	19.36	19.27	19.21
		50	50	19.28	19.22	19.15
		100	0	19.31	19.27	19.20
20M	256QAM	1	0	17.36	17.31	17.26
		1	50	17.28	17.24	17.15
		1	99	17.15	17.08	17.06
		50	0	17.32	17.22	17.12
		50	25	17.27	17.17	17.16
		50	50	17.25	17.25	17.22
		100	0	17.31	17.22	17.11

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		37825	38000	38175
		Frequency (MHz)		2577.5	2595	2612.5
15M	QPSK	1	0	22.28	22.12	22.04
		1	37	22.13	22.06	22.05
		1	74	21.93	21.89	21.82
		36	0	21.35	21.29	21.14
		36	19	21.26	21.23	21.19
		36	39	21.25	21.19	21.17
		75	0	21.28	21.20	21.24
15M	16QAM	1	0	21.30	21.23	21.24
		1	37	21.18	21.13	21.00
		1	74	20.96	20.94	20.81
		36	0	20.31	20.24	20.20
		36	19	20.27	20.17	20.15
		36	39	20.25	20.18	20.13
		75	0	20.30	20.29	20.23
15M	64QAM	1	0	20.41	20.37	20.38
		1	37	20.28	20.28	20.16
		1	74	20.08	20.01	20.03
		36	0	19.32	19.32	19.31
		36	19	19.29	19.22	19.20
		36	39	19.19	19.12	19.10
		75	0	19.28	19.22	19.16
15M	256QAM	1	0	17.32	17.28	17.20
		1	37	17.19	17.21	17.08
		1	74	17.06	17.06	17.02
		36	0	17.28	17.19	17.05
		36	19	17.26	17.11	17.07
		36	39	17.24	17.16	17.15
		75	0	17.25	17.18	17.08

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		37800	38000	38200
		Frequency (MHz)		2575	2595	2615
10M	QPSK	1	0	22.27	22.03	22.04
		1	24	22.13	22.04	22.03
		1	49	21.86	21.74	21.77
		25	0	21.34	21.14	21.11
		25	12	21.16	21.09	21.10
		25	25	21.15	21.05	21.10
		50	0	21.22	21.12	21.11
10M	16QAM	1	0	21.28	21.10	21.19
		1	24	21.17	21.11	20.85
		1	49	20.83	20.91	20.67
		25	0	20.31	20.11	20.05
		25	12	20.15	20.05	20.10
		25	25	20.18	20.03	20.11
		50	0	20.21	20.26	20.21
10M	64QAM	1	0	20.29	20.23	20.32
		1	24	20.13	20.27	20.07
		1	49	19.94	19.94	19.91
		25	0	19.28	19.31	19.24
		25	12	19.28	19.20	19.19
		25	25	19.19	19.09	19.09
		50	0	19.13	19.20	19.01
10M	256QAM	1	0	17.25	17.26	17.08
		1	24	17.09	17.15	17.03
		1	49	16.94	16.92	16.91
		25	0	17.20	17.18	17.02
		25	12	17.25	17.10	16.96
		25	25	17.22	17.11	17.04
		50	0	17.23	17.16	17.02

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		37775	38000	38225
		Frequency (MHz)		2572.5	2595	2617.5
5M	QPSK	1	0	22.25	22.00	21.94
		1	12	22.06	21.98	21.90
		1	24	21.87	21.76	21.64
		12	0	21.30	21.21	21.01
		12	6	21.17	21.22	21.04
		12	13	21.22	21.17	21.10
		25	0	21.24	21.15	21.03
5M	16QAM	1	0	21.24	21.11	21.17
		1	12	21.11	21.10	21.00
		1	24	20.96	20.80	20.69
		12	0	20.23	20.13	20.13
		12	6	20.27	20.04	20.06
		12	13	20.25	20.18	20.03
		25	0	20.23	20.21	20.08
5M	64QAM	1	0	20.32	20.34	20.38
		1	12	20.24	20.19	20.15
		1	24	20.00	19.94	19.95
		12	0	19.32	19.20	19.24
		12	6	19.24	19.22	19.12
		12	13	19.07	19.07	19.06
		25	0	19.28	19.13	19.12
5M	256QAM	1	0	17.23	17.28	17.05
		1	12	17.12	17.15	16.89
		1	24	16.97	16.92	16.87
		12	0	17.21	17.12	17.01
		12	6	17.17	17.06	16.85
		12	13	17.18	17.11	16.98
		25	0	17.17	17.09	16.91

EIRP Power (dBm)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		37850	38000	38150
		Frequency (MHz)		2580	2595	2610
20M	QPSK	1	0	**28.43**	28.27	28.19
		1	50	28.29	28.24	28.17
		1	99	28.13	28.06	27.98
		50	0	27.49	27.42	27.32
		50	25	27.43	27.38	27.31
		50	50	27.39	27.37	27.28
		100	0	27.44	27.41	27.35
20M	16QAM	1	0	**27.46**	27.41	27.39
		1	50	27.29	27.29	27.21
		1	99	27.16	27.06	26.97
		50	0	26.47	26.40	26.31
		50	25	26.42	26.37	26.35
		50	50	26.38	26.29	26.26
		100	0	26.44	26.44	26.35
20M	64QAM	1	0	**26.59**	26.57	26.52
		1	50	26.43	26.41	26.34
		1	99	26.22	26.19	26.17
		50	0	25.50	25.45	25.42
		50	25	25.47	25.38	25.32
		50	50	25.39	25.33	25.26
		100	0	25.42	25.38	25.31
20M	256QAM	1	0	**23.47**	23.42	23.37
		1	50	23.39	23.35	23.26
		1	99	23.26	23.19	23.17
		50	0	23.43	23.33	23.23
		50	25	23.38	23.28	23.27
		50	50	23.36	23.36	23.33
		100	0	23.42	23.33	23.22

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		37825	38000	38175
		Frequency (MHz)		2577.5	2595	2612.5
15M	QPSK	1	0	**28.39**	28.23	28.15
		1	37	28.24	28.17	28.16
		1	74	28.04	28.00	27.93
		36	0	27.46	27.40	27.25
		36	19	27.37	27.34	27.30
		36	39	27.36	27.30	27.28
		75	0	27.39	27.31	27.35
15M	16QAM	1	0	**27.41**	27.34	27.35
		1	37	27.29	27.24	27.11
		1	74	27.07	27.05	26.92
		36	0	26.42	26.35	26.31
		36	19	26.38	26.28	26.26
		36	39	26.36	26.29	26.24
		75	0	26.41	26.40	26.34
15M	64QAM	1	0	**26.52**	26.48	26.49
		1	37	26.39	26.39	26.27
		1	74	26.19	26.12	26.14
		36	0	25.43	25.43	25.42
		36	19	25.40	25.33	25.31
		36	39	25.30	25.23	25.21
		75	0	25.39	25.33	25.27
15M	256QAM	1	0	**23.43**	23.39	23.31
		1	37	23.30	23.32	23.19
		1	74	23.17	23.17	23.13
		36	0	23.39	23.30	23.16
		36	19	23.37	23.22	23.18
		36	39	23.35	23.27	23.26
		75	0	23.36	23.29	23.19

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		37800	38000	38200
		Frequency (MHz)		2575	2595	2615
10M	QPSK	1	0	**28.38**	28.14	28.15
		1	24	28.24	28.15	28.14
		1	49	27.97	27.85	27.88
		25	0	27.45	27.25	27.22
		25	12	27.27	27.20	27.21
		25	25	27.26	27.16	27.21
		50	0	27.33	27.23	27.22
10M	16QAM	1	0	**27.39**	27.21	27.30
		1	24	27.28	27.22	26.96
		1	49	26.94	27.02	26.78
		25	0	26.42	26.22	26.16
		25	12	26.26	26.16	26.21
		25	25	26.29	26.14	26.22
		50	0	26.32	26.37	26.32
10M	64QAM	1	0	26.40	26.34	**26.43**
		1	24	26.24	26.38	26.18
		1	49	26.05	26.05	26.02
		25	0	25.39	25.42	25.35
		25	12	25.39	25.31	25.30
		25	25	25.30	25.20	25.20
		50	0	25.24	25.31	25.12
10M	256QAM	1	0	23.36	**23.37**	23.19
		1	24	23.20	23.26	23.14
		1	49	23.05	23.03	23.02
		25	0	23.31	23.29	23.13
		25	12	23.36	23.21	23.07
		25	25	23.33	23.22	23.15
		50	0	23.34	23.27	23.13

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		37775	38000	38225
		Frequency (MHz)		2572.5	2595	2617.5
5M	QPSK	1	0	**28.36**	28.11	28.05
		1	12	28.17	28.09	28.01
		1	24	27.98	27.87	27.75
		12	0	27.41	27.32	27.12
		12	6	27.28	27.33	27.15
		12	13	27.33	27.28	27.21
		25	0	27.35	27.26	27.14
5M	16QAM	1	0	**27.35**	27.22	27.28
		1	12	27.22	27.21	27.11
		1	24	27.07	26.91	26.80
		12	0	26.34	26.24	26.24
		12	6	26.38	26.15	26.17
		12	13	26.36	26.29	26.14
		25	0	26.34	26.32	26.19
5M	64QAM	1	0	26.43	26.45	**26.49**
		1	12	26.35	26.30	26.26
		1	24	26.11	26.05	26.06
		12	0	25.43	25.31	25.35
		12	6	25.35	25.33	25.23
		12	13	25.18	25.18	25.17
		25	0	25.39	25.24	25.23
5M	256QAM	1	0	23.34	**23.39**	23.16
		1	12	23.23	23.26	23.00
		1	24	23.08	23.03	22.98
		12	0	23.32	23.23	23.12
		12	6	23.28	23.17	22.96
		12	13	23.29	23.22	23.09
		25	0	23.28	23.20	23.02

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

7.1.11 LTE Band 38 (Power Class II)

Conducted Output Power (dBm)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		37850	38000	38150
		Frequency (MHz)		2580	2595	2610
20M	QPSK	1	0	24.26	**24.31**	24.29
		1	50	24.17	24.22	24.20
		1	99	24.10	24.15	24.13
		50	0	23.32	**23.37**	23.35
		50	25	23.23	23.28	23.26
		50	50	23.16	23.21	23.19
		100	0	23.19	**23.24**	23.22
20M	16QAM	1	0	23.28	23.33	23.31
		1	50	23.20	23.25	23.23
		1	99	23.12	23.17	23.15
		50	0	22.31	22.36	22.34
		50	25	22.26	22.31	22.29
		50	50	22.17	22.22	22.20
		100	0	22.21	22.26	22.24
20M	64QAM	1	0	22.29	22.34	22.32
		1	50	22.20	22.25	22.23
		1	99	22.11	22.16	22.14
		50	0	21.34	21.39	21.37
		50	25	21.28	21.33	21.31
		50	50	21.16	21.21	21.19
		100	0	21.21	21.26	21.24
20M	256QAM	1	0	19.29	19.34	19.32
		1	50	19.18	19.23	19.21
		1	99	19.09	19.14	19.12
		50	0	19.22	19.27	19.25
		50	25	19.17	19.22	19.20
		50	50	19.09	19.14	19.12
		100	0	19.13	19.18	19.16

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		37825	38000	38175
		Frequency (MHz)		2577.5	2595	2612.5
15M	QPSK	1	0	24.26	24.25	24.29
		1	37	24.07	24.21	24.17
		1	74	24.04	24.06	24.06
		36	0	23.30	23.33	23.25
		36	19	23.15	23.23	23.23
		36	39	23.08	23.18	23.12
		75	0	23.12	23.14	23.20
15M	16QAM	1	0	23.22	23.31	23.28
		1	37	23.17	23.21	23.14
		1	74	23.07	23.14	23.13
		36	0	22.27	22.30	22.31
		36	19	22.20	22.23	22.25
		36	39	22.15	22.20	22.17
		75	0	22.13	22.22	22.16
15M	64QAM	1	0	22.27	22.32	22.31
		1	37	22.11	22.20	22.15
		1	74	22.10	22.11	22.10
		36	0	21.28	21.39	21.36
		36	19	21.25	21.28	21.23
		36	39	21.16	21.18	21.12
		75	0	21.18	21.22	21.14
15M	256QAM	1	0	19.27	19.31	19.24
		1	37	19.12	19.20	19.12
		1	74	19.08	19.10	19.05
		36	0	19.15	19.18	19.23
		36	19	19.13	19.14	19.11
		36	39	19.01	19.09	19.12
		75	0	19.03	19.10	19.13

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		37800	38000	38200
		Frequency (MHz)		2575	2595	2615
10M	QPSK	1	0	24.20	24.22	24.17
		1	24	23.99	24.04	24.12
		1	49	23.94	24.01	23.92
		25	0	23.27	23.24	23.21
		25	12	23.03	23.15	23.13
		25	25	23.00	23.12	22.94
		50	0	23.02	23.10	23.00
10M	16QAM	1	0	23.09	23.30	23.15
		1	24	23.16	23.19	23.15
		1	49	22.93	23.06	22.99
		25	0	22.12	22.18	22.18
		25	12	22.07	22.18	22.14
		25	25	22.03	22.10	22.07
		50	0	22.08	22.17	22.10
10M	64QAM	1	0	22.18	22.18	22.23
		1	24	22.04	22.16	22.12
		1	49	21.97	22.02	22.02
		25	0	21.27	21.28	21.22
		25	12	21.05	21.16	21.12
		25	25	21.03	21.18	21.13
		50	0	21.05	21.16	21.05
10M	256QAM	1	0	19.13	19.21	19.09
		1	24	18.96	19.16	19.08
		1	49	18.95	18.94	18.99
		25	0	19.16	19.12	19.07
		25	12	19.11	18.99	19.07
		25	25	18.92	18.99	18.99
		50	0	18.97	19.15	18.92

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		37775	38000	38225
		Frequency (MHz)		2572.5	2595	2617.5
5M	QPSK	1	0	24.16	24.22	24.22
		1	12	24.14	24.17	24.14
		1	24	24.10	24.15	24.11
		12	0	23.26	23.31	23.26
		12	6	23.18	23.27	23.19
		12	13	23.16	23.20	23.18
		25	0	23.19	23.17	23.22
5M	16QAM	1	0	23.26	23.29	23.24
		1	12	23.16	23.19	23.21
		1	24	23.07	23.12	23.12
		12	0	22.25	22.36	22.28
		12	6	22.20	22.22	22.25
		12	13	22.09	22.19	22.18
		25	0	22.18	22.18	22.17
5M	64QAM	1	0	22.19	22.30	22.27
		1	12	22.12	22.23	22.13
		1	24	22.09	22.09	22.11
		12	0	21.24	21.39	21.34
		12	6	21.21	21.31	21.26
		12	13	21.13	21.13	21.15
		25	0	21.13	21.17	21.22
5M	256QAM	1	0	19.21	19.27	19.22
		1	12	19.11	19.21	19.14
		1	24	19.01	19.14	19.02
		12	0	19.13	19.22	19.21
		12	6	19.16	19.15	19.18
		12	13	19.09	19.11	19.06
		25	0	19.13	19.10	19.13

EIRP Power (dBm)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		37850	38000	38150
		Frequency (MHz)		2580	2595	2610
20M	QPSK	1	0	30.37	**30.42**	30.40
		1	50	30.28	30.33	30.31
		1	99	30.21	30.26	30.24
		50	0	29.43	29.48	29.46
		50	25	29.34	29.39	29.37
		50	50	29.27	29.32	29.30
		100	0	29.30	29.35	29.33
20M	16QAM	1	0	29.39	**29.44**	29.42
		1	50	29.31	29.36	29.34
		1	99	29.23	29.28	29.26
		50	0	28.42	28.47	28.45
		50	25	28.37	28.42	28.40
		50	50	28.28	28.33	28.31
		100	0	28.32	28.37	28.35
20M	64QAM	1	0	28.40	**28.45**	28.43
		1	50	28.31	28.36	28.34
		1	99	28.22	28.27	28.25
		50	0	27.45	27.50	27.48
		50	25	27.39	27.44	27.42
		50	50	27.27	27.32	27.30
		100	0	27.32	27.37	27.35
20M	256QAM	1	0	25.40	**25.45**	25.43
		1	50	25.29	25.34	25.32
		1	99	25.20	25.25	25.23
		50	0	25.33	25.38	25.36
		50	25	25.28	25.33	25.31
		50	50	25.20	25.25	25.23
		100	0	25.24	25.29	25.27

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		37825	38000	38175
		Frequency (MHz)		2577.5	2595	2612.5
15M	QPSK	1	0	30.37	30.36	**30.40**
		1	37	30.18	30.32	30.28
		1	74	30.15	30.17	30.17
		36	0	29.41	29.44	29.36
		36	19	29.26	29.34	29.34
		36	39	29.19	29.29	29.23
		75	0	29.23	29.25	29.31
15M	16QAM	1	0	29.33	**29.42**	29.39
		1	37	29.28	29.32	29.25
		1	74	29.18	29.25	29.24
		36	0	28.38	28.41	28.42
		36	19	28.31	28.34	28.36
		36	39	28.26	28.31	28.28
		75	0	28.24	28.33	28.27
15M	64QAM	1	0	28.38	**28.43**	28.42
		1	37	28.22	28.31	28.26
		1	74	28.21	28.22	28.21
		36	0	27.39	27.50	27.47
		36	19	27.36	27.39	27.34
		36	39	27.27	27.29	27.23
		75	0	27.29	27.33	27.25
15M	256QAM	1	0	25.38	**25.42**	25.35
		1	37	25.23	25.31	25.23
		1	74	25.19	25.21	25.16
		36	0	25.26	25.29	25.34
		36	19	25.24	25.25	25.22
		36	39	25.12	25.20	25.23
		75	0	25.14	25.21	25.24

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		37800	38000	38200
		Frequency (MHz)		2575	2595	2615
10M	QPSK	1	0	30.31	**30.33**	30.28
		1	24	30.10	30.15	30.23
		1	49	30.05	30.12	30.03
		25	0	29.38	29.35	29.32
		25	12	29.14	29.26	29.24
		25	25	29.11	29.23	29.05
		50	0	29.13	29.21	29.11
10M	16QAM	1	0	29.20	**29.41**	29.26
		1	24	29.27	29.30	29.26
		1	49	29.04	29.17	29.10
		25	0	28.23	28.29	28.29
		25	12	28.18	28.29	28.25
		25	25	28.14	28.21	28.18
		50	0	28.19	28.28	28.21
10M	64QAM	1	0	28.29	28.29	**28.34**
		1	24	28.15	28.27	28.23
		1	49	28.08	28.13	28.13
		25	0	27.38	27.39	27.33
		25	12	27.16	27.27	27.23
		25	25	27.14	27.29	27.24
		50	0	27.16	27.27	27.16
10M	256QAM	1	0	25.24	**25.32**	25.20
		1	24	25.07	25.27	25.19
		1	49	25.06	25.05	25.10
		25	0	25.27	25.23	25.18
		25	12	25.22	25.10	25.18
		25	25	25.03	25.10	25.10
		50	0	25.08	25.26	25.03

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		37775	38000	38225
		Frequency (MHz)		2572.5	2595	2617.5
5M	QPSK	1	0	30.27	**30.33**	**30.33**
		1	12	30.25	30.28	30.25
		1	24	30.21	30.26	30.22
		12	0	29.37	29.42	29.37
		12	6	29.29	29.38	29.30
		12	13	29.27	29.31	29.29
		25	0	29.30	29.28	29.33
5M	16QAM	1	0	29.37	**29.40**	29.35
		1	12	29.27	29.30	29.32
		1	24	29.18	29.23	29.23
		12	0	28.36	28.47	28.39
		12	6	28.31	28.33	28.36
		12	13	28.20	28.30	28.29
		25	0	28.29	28.29	28.28
5M	64QAM	1	0	28.30	**28.41**	28.38
		1	12	28.23	28.34	28.24
		1	24	28.20	28.20	28.22
		12	0	27.35	27.50	27.45
		12	6	27.32	27.42	27.37
		12	13	27.24	27.24	27.26
		25	0	27.24	27.28	27.33
5M	256QAM	1	0	25.32	**25.38**	25.33
		1	12	25.22	25.32	25.25
		1	24	25.12	25.25	25.13
		12	0	25.24	25.33	25.32
		12	6	25.27	25.26	25.29
		12	13	25.20	25.22	25.17
		25	0	25.24	25.21	25.24

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

7.1.12 LTE Band 41 (Power Class III)

Conducted Output Power (dBm)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		39750	40620	41490
		Frequency (MHz)		2506	2593	2680
20M	QPSK	1	0	22.45	22.37	22.08
		1	50	22.38	22.35	22.05
		1	99	22.27	22.17	22.03
		50	0	21.52	21.51	21.35
		50	25	21.50	21.46	21.32
		50	50	21.45	21.37	21.25
		100	0	21.47	21.38	21.22
20M	16QAM	1	0	21.54	21.47	21.35
		1	50	21.38	21.29	21.16
		1	99	21.29	21.19	20.91
		50	0	20.56	20.55	20.36
		50	25	20.60	20.50	20.37
		50	50	20.47	20.43	20.24
		100	0	20.49	20.41	20.34
20M	64QAM	1	0	20.57	20.50	20.32
		1	50	20.55	20.53	20.36
		1	99	20.46	20.46	20.35
		50	0	19.52	19.45	19.33
		50	25	19.52	19.52	19.36
		50	50	19.48	19.38	19.24
		100	0	19.46	19.44	19.20
20M	256QAM	1	0	17.43	17.41	17.23
		1	50	17.41	17.34	17.18
		1	99	17.46	17.46	17.41
		50	0	17.44	17.39	17.16
		50	25	17.37	17.35	17.17
		50	50	17.43	17.43	17.31
		100	0	17.36	17.31	17.12

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		39725	40620	41515
		Frequency (MHz)		2503.5	2593	2682.5
15M	QPSK	1	0	22.42	22.30	22.04
		1	37	22.34	22.28	22.03
		1	74	22.23	22.13	21.93
		36	0	21.51	21.44	21.25
		36	19	21.41	21.44	21.33
		36	39	21.41	21.35	21.15
		75	0	21.41	21.31	21.15
15M	16QAM	1	0	21.50	21.39	21.02
		1	37	21.37	21.20	20.99
		1	74	21.29	21.09	20.94
		36	0	20.56	20.48	20.21
		36	19	20.57	20.41	20.30
		36	39	20.40	20.42	20.16
		75	0	20.42	20.41	20.15
15M	64QAM	1	0	20.55	20.42	20.01
		1	37	20.51	20.49	20.05
		1	74	20.38	20.44	20.03
		36	0	19.42	19.37	19.22
		36	19	19.50	19.51	19.31
		36	39	19.46	19.31	19.19
		75	0	19.39	19.35	19.18
15M	256QAM	1	0	17.35	17.35	17.13
		1	37	17.40	17.26	17.10
		1	74	17.40	17.38	17.38
		36	0	17.40	17.29	17.16
		36	19	17.28	17.25	17.11
		36	39	17.35	17.36	17.31
		75	0	17.34	17.30	17.10

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		39700	40620	41540
		Frequency (MHz)		2501	2593	2685
10M	QPSK	1	0	22.37	22.26	21.99
		1	24	22.34	22.20	21.98
		1	49	22.21	22.09	21.92
		25	0	21.50	21.41	21.25
		25	12	21.37	21.38	21.28
		25	25	21.39	21.33	21.08
		50	0	21.32	21.28	21.11
10M	16QAM	1	0	21.42	21.23	21.01
		1	24	21.29	21.26	20.94
		1	49	21.23	21.11	20.87
		25	0	20.45	20.42	20.25
		25	12	20.40	20.40	20.24
		25	25	20.32	20.28	20.13
		50	0	20.39	20.24	20.10
10M	64QAM	1	0	20.39	20.27	19.99
		1	24	20.27	20.20	19.99
		1	49	20.21	20.12	19.92
		25	0	19.46	19.40	19.24
		25	12	19.36	19.34	19.33
		25	25	19.41	19.26	19.15
		50	0	19.32	19.25	19.10
10M	256QAM	1	0	17.28	17.34	17.11
		1	24	17.40	17.17	17.00
		1	49	17.40	17.28	17.36
		25	0	17.39	17.22	17.06
		25	12	17.19	17.25	17.03
		25	25	17.34	17.36	17.28
		50	0	17.32	17.22	17.08

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		39675	40620	41565
		Frequency (MHz)		2498.5	2593	2687.5
5M	QPSK	1	0	22.35	22.29	21.98
		1	12	22.29	22.24	22.03
		1	24	22.16	22.11	21.88
		12	0	21.43	21.36	21.18
		12	6	21.40	21.40	21.29
		12	13	21.40	21.27	21.05
		25	0	21.36	21.30	21.12
5M	16QAM	1	0	21.35	21.25	21.01
		1	12	21.29	21.20	20.96
		1	24	21.17	21.03	20.83
		12	0	20.47	20.44	20.15
		12	6	20.36	20.34	20.29
		12	13	20.40	20.30	20.12
		25	0	20.33	20.21	20.06
5M	64QAM	1	0	20.32	20.23	19.95
		1	12	20.33	20.20	19.96
		1	24	20.16	20.07	19.83
		12	0	19.45	19.35	19.24
		12	6	19.39	19.34	19.31
		12	13	19.41	19.33	19.09
		25	0	19.36	19.22	19.06
5M	256QAM	1	0	17.32	17.29	17.13
		1	12	17.32	17.21	17.04
		1	24	17.30	17.29	17.31
		12	0	17.32	17.28	17.10
		12	6	17.18	17.21	17.01
		12	13	17.26	17.34	17.22
		25	0	17.34	17.22	17.04

EIRP Power (dBm)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		39750	40620	41490
		Frequency (MHz)		2506	2593	2680
20M	QPSK	1	0	**28.62**	28.54	28.25
		1	50	28.55	28.52	28.22
		1	99	28.44	28.34	28.20
		50	0	27.69	27.68	27.52
		50	25	27.67	27.63	27.49
		50	50	27.62	27.54	27.42
		100	0	27.64	27.55	27.39
20M	16QAM	1	0	**27.71**	27.64	27.52
		1	50	27.55	27.46	27.33
		1	99	27.46	27.36	27.08
		50	0	26.73	26.72	26.53
		50	25	26.77	26.67	26.54
		50	50	26.64	26.60	26.41
		100	0	26.66	26.58	26.51
20M	64QAM	1	0	**26.74**	26.67	26.49
		1	50	26.72	26.70	26.53
		1	99	26.63	26.63	26.52
		50	0	25.69	25.62	25.50
		50	25	25.69	25.69	25.53
		50	50	25.65	25.55	25.41
		100	0	25.63	25.61	25.37
20M	256QAM	1	0	23.60	23.58	23.40
		1	50	23.58	23.51	23.35
		1	99	**23.63**	**23.63**	23.58
		50	0	23.61	23.56	23.33
		50	25	23.54	23.52	23.34
		50	50	23.60	23.60	23.48
		100	0	23.53	23.48	23.29

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		39725	40620	41515
		Frequency (MHz)		2503.5	2593	2682.5
15M	QPSK	1	0	**28.59**	28.47	28.21
		1	37	28.51	28.45	28.20
		1	74	28.40	28.30	28.10
		36	0	27.68	27.61	27.42
		36	19	27.58	27.61	27.50
		36	39	27.58	27.52	27.32
		75	0	27.58	27.48	27.32
15M	16QAM	1	0	**27.67**	27.56	27.19
		1	37	27.54	27.37	27.16
		1	74	27.46	27.26	27.11
		36	0	26.73	26.65	26.38
		36	19	26.74	26.58	26.47
		36	39	26.57	26.59	26.33
		75	0	26.59	26.58	26.32
15M	64QAM	1	0	**26.72**	26.59	26.18
		1	37	26.68	26.66	26.22
		1	74	26.55	26.61	26.20
		36	0	25.59	25.54	25.39
		36	19	25.67	25.68	25.48
		36	39	25.63	25.48	25.36
		75	0	25.56	25.52	25.35
15M	256QAM	1	0	23.52	23.52	23.30
		1	37	**23.57**	23.43	23.27
		1	74	**23.57**	23.55	23.55
		36	0	**23.57**	23.46	23.33
		36	19	23.45	23.42	23.28
		36	39	23.52	23.53	23.48
		75	0	23.51	23.47	23.27

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		39700	40620	41540
		Frequency (MHz)		2501	2593	2685
10M	QPSK	1	0	**28.54**	28.43	28.16
		1	24	28.51	28.37	28.15
		1	49	28.38	28.26	28.09
		25	0	27.67	27.58	27.42
		25	12	27.54	27.55	27.45
		25	25	27.56	27.50	27.25
		50	0	27.49	27.45	27.28
10M	16QAM	1	0	**27.59**	27.40	27.18
		1	24	27.46	27.43	27.11
		1	49	27.40	27.28	27.04
		25	0	26.62	26.59	26.42
		25	12	26.57	26.57	26.41
		25	25	26.49	26.45	26.30
		50	0	26.56	26.41	26.27
10M	64QAM	1	0	**26.56**	26.44	26.16
		1	24	26.44	26.37	26.16
		1	49	26.38	26.29	26.09
		25	0	25.63	25.57	25.41
		25	12	25.53	25.51	25.50
		25	25	25.58	25.43	25.32
		50	0	25.49	25.42	25.27
10M	256QAM	1	0	23.45	23.51	23.28
		1	24	**23.57**	23.34	23.17
		1	49	**23.57**	23.45	23.53
		25	0	23.56	23.39	23.23
		25	12	23.36	23.42	23.20
		25	25	23.51	23.53	23.45
		50	0	23.49	23.39	23.25

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		39675	40620	41565
		Frequency (MHz)		2498.5	2593	2687.5
5M	QPSK	1	0	**28.52**	28.46	28.15
		1	12	28.46	28.41	28.20
		1	24	28.33	28.28	28.05
		12	0	27.60	27.53	27.35
		12	6	27.57	27.57	27.46
		12	13	27.57	27.44	27.22
		25	0	27.53	27.47	27.29
5M	16QAM	1	0	**27.52**	27.42	27.18
		1	12	27.46	27.37	27.13
		1	24	27.34	27.20	27.00
		12	0	26.64	26.61	26.32
		12	6	26.53	26.51	26.46
		12	13	26.57	26.47	26.29
		25	0	26.50	26.38	26.23
5M	64QAM	1	0	26.49	26.40	26.12
		1	12	**26.50**	26.37	26.13
		1	24	26.33	26.24	26.00
		12	0	25.62	25.52	25.41
		12	6	25.56	25.51	25.48
		12	13	25.58	25.50	25.26
		25	0	25.53	25.39	25.23
5M	256QAM	1	0	23.49	23.46	23.30
		1	12	23.49	23.38	23.21
		1	24	23.47	23.46	23.48
		12	0	23.49	23.45	23.27
		12	6	23.35	23.38	23.18
		12	13	23.43	**23.51**	23.39
		25	0	**23.51**	23.39	23.21

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

7.1.13 LTE Band 41 (Power Class II)

Conducted Output Power (dBm)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		39750	40620	41490
		Frequency (MHz)		2506	2593	2680
20M	QPSK	1	0	24.33	24.32	24.14
		1	50	24.24	24.23	24.05
		1	99	24.18	24.17	23.99
		50	0	23.37	23.36	23.18
		50	25	23.31	23.30	23.12
		50	50	23.26	23.25	23.07
		100	0	23.28	23.27	23.09
20M	16QAM	1	0	23.32	23.31	23.13
		1	50	23.27	23.26	23.08
		1	99	23.19	23.18	23.00
		50	0	22.40	22.39	22.21
		50	25	22.36	22.35	22.17
		50	50	22.30	22.29	22.11
		100	0	22.32	22.31	22.13
20M	64QAM	1	0	22.37	22.36	22.18
		1	50	22.31	22.30	22.12
		1	99	22.26	22.25	22.07
		50	0	21.34	21.33	21.15
		50	25	21.29	21.28	21.10
		50	50	21.21	21.20	21.02
		100	0	21.26	21.25	21.07
20M	256QAM	1	0	19.39	19.38	19.20
		1	50	19.36	19.35	19.17
		1	99	19.30	19.29	19.11
		50	0	19.32	19.31	19.13
		50	25	19.26	19.25	19.07
		50	50	19.19	19.18	19.00
		100	0	19.24	19.23	19.05

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		39725	40620	41515
		Frequency (MHz)		2503.5	2593	2682.5
15M	QPSK	1	0	24.28	24.32	24.10
		1	37	24.15	24.21	24.01
		1	74	24.13	24.13	23.90
		36	0	23.33	23.34	23.17
		36	19	23.27	23.20	23.05
		36	39	23.25	23.22	23.00
		75	0	23.23	23.20	23.08
15M	16QAM	1	0	23.25	23.28	23.07
		1	37	23.21	23.16	23.04
		1	74	23.08	23.08	22.96
		36	0	22.27	22.33	22.09
		36	19	22.27	22.29	22.07
		36	39	22.21	22.16	22.07
		75	0	22.28	22.24	22.07
15M	64QAM	1	0	22.30	22.29	22.11
		1	37	22.20	22.16	21.99
		1	74	22.13	22.16	21.96
		36	0	21.37	21.26	21.16
		36	19	21.26	21.28	21.08
		36	39	21.16	21.17	21.07
		75	0	21.23	21.23	21.08
15M	256QAM	1	0	19.32	19.31	19.05
		1	37	19.18	19.18	19.02
		1	74	19.08	19.15	18.95
		36	0	19.27	19.26	19.16
		36	19	19.28	19.29	19.09
		36	39	19.23	19.18	18.98
		75	0	19.24	19.21	19.04

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		39700	40620	41540
		Frequency (MHz)		2501	2593	2685
10M	QPSK	1	0	24.28	24.20	24.03
		1	24	24.14	24.13	23.94
		1	49	24.14	24.11	23.87
		25	0	23.28	23.26	23.15
		25	12	23.17	23.23	23.01
		25	25	23.19	23.11	23.05
		50	0	23.25	23.20	23.00
10M	16QAM	1	0	23.24	23.20	23.04
		1	24	23.16	23.08	23.00
		1	49	23.11	23.08	22.94
		25	0	22.22	22.22	22.13
		25	12	22.24	22.21	22.08
		25	25	22.16	22.12	22.01
		50	0	22.25	22.17	22.07
10M	64QAM	1	0	22.19	22.21	22.00
		1	24	22.11	22.14	21.93
		1	49	22.07	22.17	21.91
		25	0	21.31	21.23	21.07
		25	12	21.16	21.21	21.04
		25	25	21.18	21.07	21.07
		50	0	21.23	21.22	21.05
10M	256QAM	1	0	19.26	19.28	19.07
		1	24	19.16	19.09	18.94
		1	49	19.17	19.15	18.85
		25	0	19.30	19.17	19.07
		25	12	19.24	19.23	19.07
		25	25	19.22	19.12	19.02
		50	0	19.19	19.07	19.07

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		39675	40620	41565
		Frequency (MHz)		2498.5	2593	2687.5
5M	QPSK	1	0	24.28	24.24	24.05
		1	12	24.15	24.15	23.98
		1	24	24.14	24.15	23.96
		12	0	23.28	23.28	23.13
		12	6	23.31	23.29	23.12
		12	13	23.26	23.15	23.06
		25	0	23.20	23.19	22.99
5M	16QAM	1	0	23.30	23.30	23.06
		1	12	23.20	23.20	23.03
		1	24	23.16	23.14	22.96
		12	0	22.29	22.28	22.09
		12	6	22.28	22.21	22.06
		12	13	22.16	22.23	22.03
		25	0	22.21	22.21	21.99
5M	64QAM	1	0	22.26	22.25	22.07
		1	12	22.14	22.21	22.03
		1	24	22.17	22.10	21.94
		12	0	21.27	21.29	21.10
		12	6	21.30	21.20	21.07
		12	13	21.21	21.22	20.98
		25	0	21.23	21.19	21.00
5M	256QAM	1	0	19.32	19.27	19.06
		1	12	19.18	19.16	19.03
		1	24	19.15	19.11	18.93
		12	0	19.36	19.28	19.11
		12	6	19.27	19.30	19.11
		12	13	19.18	19.21	18.99
		25	0	19.18	19.26	19.00

EIRP Power (dBm)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		39750	40620	41490
		Frequency (MHz)		2506	2593	2680
20M	QPSK	1	0	**30.50**	30.49	30.31
		1	50	30.41	30.40	30.22
		1	99	30.35	30.34	30.16
		50	0	29.54	29.53	29.35
		50	25	29.48	29.47	29.29
		50	50	29.43	29.42	29.24
		100	0	29.45	29.44	29.26
20M	16QAM	1	0	**29.49**	29.48	29.30
		1	50	29.44	29.43	29.25
		1	99	29.36	29.35	29.17
		50	0	28.57	28.56	28.38
		50	25	28.53	28.52	28.34
		50	50	28.47	28.46	28.28
		100	0	28.49	28.48	28.30
20M	64QAM	1	0	**28.54**	28.53	28.35
		1	50	28.48	28.47	28.29
		1	99	28.43	28.42	28.24
		50	0	27.51	27.50	27.32
		50	25	27.46	27.45	27.27
		50	50	27.38	27.37	27.19
		100	0	27.43	27.42	27.24
20M	256QAM	1	0	**25.56**	25.55	25.37
		1	50	25.53	25.52	25.34
		1	99	25.47	25.46	25.28
		50	0	25.49	25.48	25.30
		50	25	25.43	25.42	25.24
		50	50	25.36	25.35	25.17
		100	0	25.41	25.40	25.22

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		39725	40620	41515
		Frequency (MHz)		2503.5	2593	2682.5
15M	QPSK	1	0	30.45	**30.49**	30.27
		1	37	30.32	30.38	30.18
		1	74	30.30	30.30	30.07
		36	0	29.50	29.51	29.34
		36	19	29.44	29.37	29.22
		36	39	29.42	29.39	29.17
		75	0	29.40	29.37	29.25
15M	16QAM	1	0	29.42	**29.45**	29.24
		1	37	29.38	29.33	29.21
		1	74	29.25	29.25	29.13
		36	0	28.44	28.50	28.26
		36	19	28.44	28.46	28.24
		36	39	28.38	28.33	28.24
		75	0	28.45	28.41	28.24
15M	64QAM	1	0	**28.47**	28.46	28.28
		1	37	28.37	28.33	28.16
		1	74	28.30	28.33	28.13
		36	0	27.54	27.43	27.33
		36	19	27.43	27.45	27.25
		36	39	27.33	27.34	27.24
		75	0	27.40	27.40	27.25
15M	256QAM	1	0	**25.49**	25.48	25.22
		1	37	25.35	25.35	25.19
		1	74	25.25	25.32	25.12
		36	0	25.44	25.43	25.33
		36	19	25.45	25.46	25.26
		36	39	25.40	25.35	25.15
		75	0	25.41	25.38	25.21

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		39700	40620	41540
		Frequency (MHz)		2501	2593	2685
10M	QPSK	1	0	**30.45**	30.37	30.20
		1	24	30.31	30.30	30.11
		1	49	30.31	30.28	30.04
		25	0	29.45	29.43	29.32
		25	12	29.34	29.40	29.18
		25	25	29.36	29.28	29.22
		50	0	29.42	29.37	29.17
10M	16QAM	1	0	**29.41**	29.37	29.21
		1	24	29.33	29.25	29.17
		1	49	29.28	29.25	29.11
		25	0	28.39	28.39	28.30
		25	12	28.41	28.38	28.25
		25	25	28.33	28.29	28.18
		50	0	28.42	28.34	28.24
10M	64QAM	1	0	28.36	**28.38**	28.17
		1	24	28.28	28.31	28.10
		1	49	28.24	28.34	28.08
		25	0	27.48	27.40	27.24
		25	12	27.33	27.38	27.21
		25	25	27.35	27.24	27.24
		50	0	27.40	27.39	27.22
10M	256QAM	1	0	25.43	25.45	25.24
		1	24	25.33	25.26	25.11
		1	49	25.34	25.32	25.02
		25	0	**25.47**	25.34	25.24
		25	12	25.41	25.40	25.24
		25	25	25.39	25.29	25.19
		50	0	25.36	25.24	25.24

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		39675	40620	41565
		Frequency (MHz)		2498.5	2593	2687.5
5M	QPSK	1	0	**30.45**	30.41	30.22
		1	12	30.32	30.32	30.15
		1	24	30.31	30.32	30.13
		12	0	29.45	29.45	29.30
		12	6	29.48	29.46	29.29
		12	13	29.43	29.32	29.23
		25	0	29.37	29.36	29.16
5M	16QAM	1	0	**29.47**	**29.47**	29.23
		1	12	29.37	29.37	29.20
		1	24	29.33	29.31	29.13
		12	0	28.46	28.45	28.26
		12	6	28.45	28.38	28.23
		12	13	28.33	28.40	28.20
		25	0	28.38	28.38	28.16
5M	64QAM	1	0	**28.43**	28.42	28.24
		1	12	28.31	28.38	28.20
		1	24	28.34	28.27	28.11
		12	0	27.44	27.46	27.27
		12	6	27.47	27.37	27.24
		12	13	27.38	27.39	27.15
		25	0	27.40	27.36	27.17
5M	256QAM	1	0	25.49	25.44	25.23
		1	12	25.35	25.33	25.20
		1	24	25.32	25.28	25.10
		12	0	**25.53**	25.45	25.28
		12	6	25.44	25.47	25.28
		12	13	25.35	25.38	25.16
		25	0	25.35	25.43	25.17

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

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Conducted Output Power (dBm)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		132072	132322	132572
		Frequency (MHz)		1720	1745	1770
20M	QPSK	1	0	21.48	21.55	21.52
		1	50	21.35	21.43	21.37
		1	99	21.31	21.48	21.39
		50	0	20.35	**20.47**	20.41
		50	25	20.33	20.43	20.37
		50	50	20.27	20.41	20.35
		100	0	20.28	**20.45**	20.36
20M	16QAM	1	0	20.52	20.63	20.59
		1	50	20.46	20.58	20.56
		1	99	20.44	20.57	20.53
		50	0	19.28	19.48	19.38
		50	25	19.37	19.45	19.37
		50	50	19.25	19.43	19.33
		100	0	19.36	19.47	19.39
20M	64QAM	1	0	19.52	19.56	19.54
		1	50	19.58	19.62	19.60
		1	99	19.44	19.58	19.49
		50	0	18.48	18.51	18.50
		50	25	18.35	18.53	18.43
		50	50	18.42	18.48	18.47
		100	0	18.41	18.52	18.50
20M	256QAM	1	0	16.55	16.65	16.61
		1	50	16.46	16.56	16.55
		1	99	16.55	16.59	16.57
		50	0	16.41	16.47	16.41
		50	25	16.34	16.42	16.35
		50	50	16.37	16.39	16.39
		100	0	16.36	16.46	16.42

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		132047	132322	132597
		Frequency (MHz)		1717.5	1745	1772.5
15M	QPSK	1	0	21.44	21.50	21.52
		1	37	21.26	21.36	21.36
		1	74	21.22	21.44	21.31
		36	0	20.34	20.39	20.40
		36	19	20.30	20.34	20.27
		36	39	20.23	20.33	20.34
		75	0	20.19	20.36	20.34
15M	16QAM	1	0	20.49	20.61	20.54
		1	37	20.46	20.57	20.50
		1	74	20.43	20.48	20.52
		36	0	19.25	19.47	19.30
		36	19	19.31	19.43	19.32
		36	39	19.23	19.37	19.30
		75	0	19.26	19.43	19.37
15M	64QAM	1	0	19.43	19.53	19.47
		1	37	19.55	19.61	19.57
		1	74	19.40	19.49	19.43
		36	0	18.39	18.50	18.45
		36	19	18.27	18.45	18.41
		36	39	18.35	18.48	18.40
		75	0	18.36	18.48	18.47
15M	256QAM	1	0	16.53	16.60	16.51
		1	37	16.41	16.52	16.52
		1	74	16.54	16.58	16.49
		36	0	16.38	16.38	16.36
		36	19	16.29	16.33	16.31
		36	39	16.34	16.32	16.30
		75	0	16.31	16.40	16.37

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		132022	132322	132622
		Frequency (MHz)		1715	1745	1775
10M	QPSK	1	0	21.31	21.40	21.41
		1	24	21.16	21.29	21.27
		1	49	21.21	21.30	21.26
		25	0	20.31	20.34	20.39
		25	12	20.21	20.24	20.14
		25	25	20.16	20.25	20.20
		50	0	20.09	20.32	20.20
10M	16QAM	1	0	20.37	20.54	20.49
		1	24	20.38	20.45	20.40
		1	49	20.33	20.43	20.52
		25	0	19.11	19.42	19.23
		25	12	19.16	19.38	19.27
		25	25	19.22	19.31	19.15
		50	0	19.13	19.40	19.22
10M	64QAM	1	0	19.31	19.43	19.47
		1	24	19.52	19.52	19.46
		1	49	19.33	19.45	19.37
		25	0	18.24	18.35	18.41
		25	12	18.21	18.34	18.37
		25	25	18.32	18.40	18.40
		50	0	18.34	18.44	18.46
10M	256QAM	1	0	16.50	16.52	16.45
		1	24	16.36	16.51	16.39
		1	49	16.44	16.44	16.49
		25	0	16.36	16.36	16.33
		25	12	16.15	16.23	16.27
		25	25	16.29	16.32	16.25
		50	0	16.31	16.38	16.24

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		131997	132322	132647
		Frequency (MHz)		1712.5	1745	1777.5
5M	QPSK	1	0	21.43	21.48	21.33
		1	12	21.13	21.34	21.18
		1	24	21.12	21.31	21.19
		12	0	20.28	20.35	20.25
		12	6	20.21	20.22	20.05
		12	13	20.16	20.25	20.16
		25	0	20.13	20.27	20.17
5M	16QAM	1	0	20.38	20.58	20.46
		1	12	20.39	20.44	20.48
		1	24	20.39	20.38	20.45
		12	0	19.18	19.43	19.24
		12	6	19.18	19.34	19.24
		12	13	19.14	19.35	19.27
		25	0	19.13	19.35	19.26
5M	64QAM	1	0	19.30	19.42	19.46
		1	12	19.47	19.46	19.57
		1	24	19.27	19.36	19.43
		12	0	18.28	18.35	18.37
		12	6	18.19	18.37	18.27
		12	13	18.35	18.44	18.38
		25	0	18.34	18.37	18.45
5M	256QAM	1	0	16.41	16.47	16.43
		1	12	16.31	16.49	16.35
		1	24	16.52	16.48	16.38
		12	0	16.26	16.32	16.22
		12	6	16.26	16.26	16.16
		12	13	16.23	16.27	16.12
		25	0	16.26	16.37	16.20

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		131987	132322	132657
		Frequency (MHz)		1711.5	1745	1778.5
3M	QPSK	1	0	21.30	21.37	21.51
		1	7	21.15	21.30	21.28
		1	14	21.09	21.41	21.22
		8	0	20.24	20.27	20.37
		8	3	20.27	20.30	20.27
		8	7	20.17	20.27	20.19
		15	0	20.17	20.32	20.33
3M	16QAM	1	0	20.39	20.53	20.44
		1	7	20.38	20.50	20.37
		1	14	20.30	20.33	20.45
		8	0	19.24	19.43	19.24
		8	3	19.19	19.41	19.31
		8	7	19.18	19.22	19.28
		15	0	19.13	19.34	19.26
3M	64QAM	1	0	19.38	19.41	19.35
		1	7	19.44	19.56	19.56
		1	14	19.35	19.37	19.39
		8	0	18.38	18.36	18.34
		8	3	18.17	18.34	18.34
		8	7	18.25	18.45	18.38
		15	0	18.33	18.44	18.44
3M	256QAM	1	0	16.45	16.53	16.39
		1	7	16.30	16.39	16.51
		1	14	16.42	16.53	16.40
		8	0	16.25	16.38	16.24
		8	3	16.24	16.23	16.18
		8	7	16.28	16.31	16.26
		15	0	16.23	16.37	16.32

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		131979	132322	132665
		Frequency (MHz)		1710.7	1745	1779.3
1.4M	QPSK	1	0	21.38	21.43	21.51
		1	2	21.24	21.23	21.30
		1	5	21.16	21.36	21.29
		3	0	21.23	21.29	21.25
		3	1	21.25	21.28	21.15
		3	3	21.20	21.19	21.21
		6	0	20.10	20.26	20.28
1.4M	16QAM	1	0	20.46	20.60	20.47
		1	2	20.34	20.55	20.35
		1	5	20.42	20.33	20.52
		3	0	20.11	20.33	20.16
		3	1	20.28	20.43	20.19
		3	3	20.22	20.35	20.21
		6	0	19.13	19.41	19.28
1.4M	64QAM	1	0	19.38	19.53	19.43
		1	2	19.42	19.53	19.48
		1	5	19.35	19.34	19.39
		3	0	19.34	19.40	19.39
		3	1	19.24	19.32	19.27
		3	3	19.23	19.34	19.25
		6	0	18.30	18.37	18.39
1.4M	256QAM	1	0	16.50	16.59	16.42
		1	2	16.35	16.42	16.52
		1	5	16.39	16.46	16.39
		3	0	16.33	16.28	16.21
		3	1	16.25	16.30	16.29
		3	3	16.25	16.29	16.21
		6	0	16.28	16.31	16.35

EIRP Power (dBm)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		132072	132322	132572
		Frequency (MHz)		1720	1745	1770
20M	QPSK	1	0	26.32	**26.39**	26.36
		1	50	26.19	26.27	26.21
		1	99	26.15	26.32	26.23
		50	0	25.19	25.31	25.25
		50	25	25.17	25.27	25.21
		50	50	25.11	25.25	25.19
		100	0	25.12	25.29	25.20
20M	16QAM	1	0	25.36	**25.47**	25.43
		1	50	25.30	25.42	25.40
		1	99	25.28	25.41	25.37
		50	0	24.12	24.32	24.22
		50	25	24.21	24.29	24.21
		50	50	24.09	24.27	24.17
		100	0	24.20	24.31	24.23
20M	64QAM	1	0	24.36	24.40	24.38
		1	50	24.42	**24.46**	24.44
		1	99	24.28	24.42	24.33
		50	0	23.32	23.35	23.34
		50	25	23.19	23.37	23.27
		50	50	23.26	23.32	23.31
		100	0	23.25	23.36	23.34
20M	256QAM	1	0	21.39	**21.49**	21.45
		1	50	21.30	21.40	21.39
		1	99	21.39	21.43	21.41
		50	0	21.25	21.31	21.25
		50	25	21.18	21.26	21.19
		50	50	21.21	21.23	21.23
		100	0	21.20	21.30	21.26

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		132047	132322	132597
		Frequency (MHz)		1717.5	1745	1772.5
15M	QPSK	1	0	26.28	26.34	**26.36**
		1	37	26.10	26.20	26.20
		1	74	26.06	26.28	26.15
		36	0	25.18	25.23	25.24
		36	19	25.14	25.18	25.11
		36	39	25.07	25.17	25.18
		75	0	25.03	25.20	25.18
15M	16QAM	1	0	25.33	**25.45**	25.38
		1	37	25.30	25.41	25.34
		1	74	25.27	25.32	25.36
		36	0	24.09	24.31	24.14
		36	19	24.15	24.27	24.16
		36	39	24.07	24.21	24.14
		75	0	24.10	24.27	24.21
15M	64QAM	1	0	24.27	24.37	24.31
		1	37	24.39	**24.45**	24.41
		1	74	24.24	24.33	24.27
		36	0	23.23	23.34	23.29
		36	19	23.11	23.29	23.25
		36	39	23.19	23.32	23.24
		75	0	23.20	23.32	23.31
15M	256QAM	1	0	21.37	**21.44**	21.35
		1	37	21.25	21.36	21.36
		1	74	21.38	21.42	21.33
		36	0	21.22	21.22	21.20
		36	19	21.13	21.17	21.15
		36	39	21.18	21.16	21.14
		75	0	21.15	21.24	21.21

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		132022	132322	132622
		Frequency (MHz)		1715	1745	1775
10M	QPSK	1	0	26.15	26.24	**26.25**
		1	24	26.00	26.13	26.11
		1	49	26.05	26.14	26.10
		25	0	25.15	25.18	25.23
		25	12	25.05	25.08	24.98
		25	25	25.00	25.09	25.04
		50	0	24.93	25.16	25.04
10M	16QAM	1	0	25.21	**25.38**	25.33
		1	24	25.22	25.29	25.24
		1	49	25.17	25.27	25.36
		25	0	23.95	24.26	24.07
		25	12	24.00	24.22	24.11
		25	25	24.06	24.15	23.99
		50	0	23.97	24.24	24.06
10M	64QAM	1	0	24.15	24.27	24.31
		1	24	**24.36**	**24.36**	24.30
		1	49	24.17	24.29	24.21
		25	0	23.08	23.19	23.25
		25	12	23.05	23.18	23.21
		25	25	23.16	23.24	23.24
		50	0	23.18	23.28	23.30
10M	256QAM	1	0	21.34	**21.36**	21.29
		1	24	21.20	21.35	21.23
		1	49	21.28	21.28	21.33
		25	0	21.20	21.20	21.17
		25	12	20.99	21.07	21.11
		25	25	21.13	21.16	21.09
		50	0	21.15	21.22	21.08

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		131997	132322	132647
		Frequency (MHz)		1712.5	1745	1777.5
5M	QPSK	1	0	26.27	**26.32**	26.17
		1	12	25.97	26.18	26.02
		1	24	25.96	26.15	26.03
		12	0	25.12	25.19	25.09
		12	6	25.05	25.06	24.89
		12	13	25.00	25.09	25.00
		25	0	24.97	25.11	25.01
5M	16QAM	1	0	25.22	**25.42**	25.30
		1	12	25.23	25.28	25.32
		1	24	25.23	25.22	25.29
		12	0	24.02	24.27	24.08
		12	6	24.02	24.18	24.08
		12	13	23.98	24.19	24.11
		25	0	23.97	24.19	24.10
5M	64QAM	1	0	24.14	24.26	24.30
		1	12	24.31	24.30	**24.41**
		1	24	24.11	24.20	24.27
		12	0	23.12	23.19	23.21
		12	6	23.03	23.21	23.11
		12	13	23.19	23.28	23.22
		25	0	23.18	23.21	23.29
5M	256QAM	1	0	21.25	21.31	21.27
		1	12	21.15	21.33	21.19
		1	24	**21.36**	21.32	21.22
		12	0	21.10	21.16	21.06
		12	6	21.10	21.10	21.00
		12	13	21.07	21.11	20.96
		25	0	21.10	21.21	21.04

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		131987	132322	132657
		Frequency (MHz)		1711.5	1745	1778.5
3M	QPSK	1	0	26.14	26.21	**26.35**
		1	7	25.99	26.14	26.12
		1	14	25.93	26.25	26.06
		8	0	25.08	25.11	25.21
		8	3	25.11	25.14	25.11
		8	7	25.01	25.11	25.03
		15	0	25.01	25.16	25.17
3M	16QAM	1	0	25.23	**25.37**	25.28
		1	7	25.22	25.34	25.21
		1	14	25.14	25.17	25.29
		8	0	24.08	24.27	24.08
		8	3	24.03	24.25	24.15
		8	7	24.02	24.06	24.12
		15	0	23.97	24.18	24.10
3M	64QAM	1	0	24.22	24.25	24.19
		1	7	24.28	**24.40**	**24.40**
		1	14	24.19	24.21	24.23
		8	0	23.22	23.20	23.18
		8	3	23.01	23.18	23.18
		8	7	23.09	23.29	23.22
		15	0	23.17	23.28	23.28
3M	256QAM	1	0	21.29	**21.37**	21.23
		1	7	21.14	21.23	21.35
		1	14	21.26	**21.37**	21.24
		8	0	21.09	21.22	21.08
		8	3	21.08	21.07	21.02
		8	7	21.12	21.15	21.10
		15	0	21.07	21.21	21.16

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		131979	132322	132665
		Frequency (MHz)		1710.7	1745	1779.3
1.4M	QPSK	1	0	26.22	26.27	**26.35**
		1	2	26.08	26.07	26.14
		1	5	26.00	26.20	26.13
		3	0	26.07	26.13	26.09
		3	1	26.09	26.12	25.99
		3	3	26.04	26.03	26.05
		6	0	24.94	25.10	25.12
1.4M	16QAM	1	0	25.30	**25.44**	25.31
		1	2	25.18	25.39	25.19
		1	5	25.26	25.17	25.36
		3	0	24.95	25.17	25.00
		3	1	25.12	25.27	25.03
		3	3	25.06	25.19	25.05
		6	0	23.97	24.25	24.12
1.4M	64QAM	1	0	24.22	24.37	24.27
		1	2	24.26	**24.37**	24.32
		1	5	24.19	24.18	24.23
		3	0	24.18	24.24	24.23
		3	1	24.08	24.16	24.11
		3	3	24.07	24.18	24.09
		6	0	23.14	23.21	23.23
1.4M	256QAM	1	0	21.34	**21.43**	21.26
		1	2	21.19	21.26	21.36
		1	5	21.23	21.30	21.23
		3	0	21.17	21.12	21.05
		3	1	21.09	21.14	21.13
		3	3	21.09	21.13	21.05
		6	0	21.12	21.15	21.19

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

7.1.15 LTE Band 71

Conducted Output Power (dBm)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		133222	133297	133372
		Frequency (MHz)		673	680.5	688
20M	QPSK	1	0	22.38	22.44	22.30
		1	50	22.34	22.36	22.24
		1	99	22.36	22.40	22.26
		50	0	21.27	**21.32**	21.20
		50	25	21.24	21.28	21.14
		50	50	21.22	21.23	21.10
		100	0	21.22	**21.31**	21.21
20M	16QAM	1	0	21.46	21.47	21.43
		1	50	21.43	21.44	21.43
		1	99	21.35	21.40	21.33
		50	0	20.26	20.31	20.26
		50	25	20.33	20.36	20.27
		50	50	20.23	20.24	20.18
		100	0	20.28	20.33	20.22
20M	64QAM	1	0	20.37	20.42	20.34
		1	50	20.40	20.40	20.34
		1	99	20.21	20.27	20.13
		50	0	19.24	19.33	19.24
		50	25	19.27	19.32	19.26
		50	50	19.22	19.27	19.14
		100	0	19.36	19.38	19.34
20M	256QAM	1	0	17.41	17.43	17.38
		1	50	17.35	17.41	17.30
		1	99	17.30	17.40	17.22
		50	0	17.35	17.37	17.34
		50	25	17.25	17.34	17.18
		50	50	17.29	17.31	17.19
		100	0	17.42	17.48	17.33

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		133197	133297	133397
		Frequency (MHz)		670.5	680.5	690.5
15M	QPSK	1	0	22.36	22.40	22.30
		1	37	22.30	22.27	22.22
		1	74	22.33	22.39	22.18
		36	0	21.23	21.22	21.12
		36	19	21.20	21.19	21.12
		36	39	21.16	21.15	21.05
		75	0	21.19	21.23	21.12
15M	16QAM	1	0	21.41	21.38	21.35
		1	37	21.43	21.44	21.42
		1	74	21.25	21.38	21.26
		36	0	20.20	20.30	20.16
		36	19	20.29	20.35	20.21
		36	39	20.15	20.17	20.14
		75	0	20.24	20.25	20.13
15M	64QAM	1	0	20.33	20.40	20.26
		1	37	20.40	20.30	20.33
		1	74	20.14	20.19	20.13
		36	0	19.21	19.26	19.14
		36	19	19.22	19.26	19.21
		36	39	19.17	19.22	19.08
		75	0	19.26	19.35	19.26
15M	256QAM	1	0	17.40	17.40	17.28
		1	37	17.27	17.36	17.28
		1	74	17.21	17.34	17.20
		36	0	17.31	17.29	17.30
		36	19	17.22	17.24	17.11
		36	39	17.22	17.29	17.10
		75	0	17.37	17.47	17.28

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		133172	133297	133422
		Frequency (MHz)		668	680.5	693
10M	QPSK	1	0	22.24	22.33	22.25
		1	24	22.17	22.12	22.15
		1	49	22.32	22.29	22.13
		25	0	21.17	21.20	21.08
		25	12	21.11	21.16	20.97
		25	25	21.02	21.14	21.04
		50	0	21.19	21.14	21.11
10M	16QAM	1	0	21.35	21.24	21.21
		1	24	21.42	21.38	21.36
		1	49	21.14	21.29	21.20
		25	0	20.17	20.25	20.03
		25	12	20.15	20.31	20.10
		25	25	20.07	20.06	20.01
		50	0	20.24	20.24	20.01
10M	64QAM	1	0	20.31	20.30	20.14
		1	24	20.37	20.24	20.19
		1	49	19.99	20.14	20.10
		25	0	19.09	19.15	19.03
		25	12	19.10	19.15	19.19
		25	25	19.04	19.07	18.94
		50	0	19.20	19.26	19.21
10M	256QAM	1	0	17.32	17.29	17.24
		1	24	17.20	17.31	17.20
		1	49	17.06	17.30	17.19
		25	0	17.29	17.22	17.25
		25	12	17.15	17.20	16.98
		25	25	17.14	17.27	17.03
		50	0	17.25	17.39	17.20

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		133147	133297	133447
		Frequency (MHz)		665.5	680.5	695.5
5M	QPSK	1	0	22.34	22.42	22.24
		1	12	22.30	22.23	22.10
		1	24	22.24	22.24	22.08
		12	0	21.08	21.21	21.00
		12	6	21.06	21.04	20.97
		12	13	21.02	21.06	21.00
		25	0	21.18	21.12	20.96
5M	16QAM	1	0	21.37	21.27	21.35
		1	12	21.35	21.36	21.28
		1	24	21.11	21.35	21.14
		12	0	20.15	20.23	20.08
		12	6	20.19	20.23	20.20
		12	13	20.04	20.13	20.05
		25	0	20.20	20.20	20.07
5M	64QAM	1	0	20.26	20.33	20.19
		1	12	20.29	20.27	20.21
		1	24	20.12	20.09	20.00
		12	0	19.20	19.20	19.14
		12	6	19.10	19.15	19.15
		12	13	19.04	19.13	19.01
		25	0	19.24	19.35	19.13
5M	256QAM	1	0	17.36	17.28	17.09
		1	12	17.17	17.33	17.08
		1	24	17.10	17.29	17.07
		12	0	17.24	17.25	17.11
		12	6	17.11	17.12	16.84
		12	13	17.19	17.26	16.93
		25	0	17.27	17.32	17.12

ERP Power (dBm)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		133222	133297	133372
		Frequency (MHz)		673	680.5	688
20M	QPSK	1	0	21.35	**21.41**	21.27
		1	50	21.31	21.33	21.21
		1	99	21.33	21.37	21.23
		50	0	20.24	20.29	20.17
		50	25	20.21	20.25	20.11
		50	50	20.19	20.20	20.07
		100	0	20.19	20.28	20.18
20M	16QAM	1	0	20.43	**20.44**	20.40
		1	50	20.40	20.41	20.40
		1	99	20.32	20.37	20.30
		50	0	19.23	19.28	19.23
		50	25	19.30	19.33	19.24
		50	50	19.20	19.21	19.15
		100	0	19.25	19.30	19.19
20M	64QAM	1	0	19.34	**19.39**	19.31
		1	50	19.37	19.37	19.31
		1	99	19.18	19.24	19.10
		50	0	18.21	18.30	18.21
		50	25	18.24	18.29	18.23
		50	50	18.19	18.24	18.11
		100	0	18.33	18.35	18.31
20M	256QAM	1	0	16.38	16.40	16.35
		1	50	16.32	16.38	16.27
		1	99	16.27	16.37	16.19
		50	0	16.32	16.34	16.31
		50	25	16.22	16.31	16.15
		50	50	16.26	16.28	16.16
		100	0	16.39	**16.45**	16.30

*ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		133197	133297	133397
		Frequency (MHz)		670.5	680.5	690.5
15M	QPSK	1	0	21.33	**21.37**	21.27
		1	37	21.27	21.24	21.19
		1	74	21.30	21.36	21.15
		36	0	20.20	20.19	20.09
		36	19	20.17	20.16	20.09
		36	39	20.13	20.12	20.02
		75	0	20.16	20.20	20.09
15M	16QAM	1	0	20.38	20.35	20.32
		1	37	20.40	**20.41**	20.39
		1	74	20.22	20.35	20.23
		36	0	19.17	19.27	19.13
		36	19	19.26	19.32	19.18
		36	39	19.12	19.14	19.11
		75	0	19.21	19.22	19.10
15M	64QAM	1	0	19.30	**19.37**	19.23
		1	37	19.37	19.27	19.30
		1	74	19.11	19.16	19.10
		36	0	18.18	18.23	18.11
		36	19	18.19	18.23	18.18
		36	39	18.14	18.19	18.05
		75	0	18.23	18.32	18.23
15M	256QAM	1	0	16.37	16.37	16.25
		1	37	16.24	16.33	16.25
		1	74	16.18	16.31	16.17
		36	0	16.28	16.26	16.27
		36	19	16.19	16.21	16.08
		36	39	16.19	16.26	16.07
		75	0	16.34	**16.44**	16.25

*ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		133172	133297	133422
		Frequency (MHz)		668	680.5	693
10M	QPSK	1	0	21.21	**21.30**	21.22
		1	24	21.14	21.09	21.12
		1	49	21.29	21.26	21.10
		25	0	20.14	20.17	20.05
		25	12	20.08	20.13	19.94
		25	25	19.99	20.11	20.01
		50	0	20.16	20.11	20.08
10M	16QAM	1	0	20.32	20.21	20.18
		1	24	**20.39**	20.35	20.33
		1	49	20.11	20.26	20.17
		25	0	19.14	19.22	19.00
		25	12	19.12	19.28	19.07
		25	25	19.04	19.03	18.98
		50	0	19.21	19.21	18.98
10M	64QAM	1	0	19.28	19.27	19.11
		1	24	**19.34**	19.21	19.16
		1	49	18.96	19.11	19.07
		25	0	18.06	18.12	18.00
		25	12	18.07	18.12	18.16
		25	25	18.01	18.04	17.91
		50	0	18.17	18.23	18.18
10M	256QAM	1	0	16.29	16.26	16.21
		1	24	16.17	16.28	16.17
		1	49	16.03	16.27	16.16
		25	0	16.26	16.19	16.22
		25	12	16.12	16.17	15.95
		25	25	16.11	16.24	16.00
		50	0	16.22	**16.36**	16.17

*ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		133147	133297	133447
		Frequency (MHz)		665.5	680.5	695.5
5M	QPSK	1	0	21.31	**21.39**	21.21
		1	12	21.27	21.20	21.07
		1	24	21.21	21.21	21.05
		12	0	20.05	20.18	19.97
		12	6	20.03	20.01	19.94
		12	13	19.99	20.03	19.97
		25	0	20.15	20.09	19.93
5M	16QAM	1	0	**20.34**	20.24	20.32
		1	12	20.32	20.33	20.25
		1	24	20.08	20.32	20.11
		12	0	19.12	19.20	19.05
		12	6	19.16	19.20	19.17
		12	13	19.01	19.10	19.02
		25	0	19.17	19.17	19.04
5M	64QAM	1	0	19.23	**19.30**	19.16
		1	12	19.26	19.24	19.18
		1	24	19.09	19.06	18.97
		12	0	18.17	18.17	18.11
		12	6	18.07	18.12	18.12
		12	13	18.01	18.10	17.98
		25	0	18.21	18.32	18.10
5M	256QAM	1	0	**16.33**	16.25	16.06
		1	12	16.14	16.30	16.05
		1	24	16.07	16.26	16.04
		12	0	16.21	16.22	16.08
		12	6	16.08	16.09	15.81
		12	13	16.16	16.23	15.90
		25	0	16.24	16.29	16.09

*ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

7.2 Radiated Spurious Emissions below 1GHz

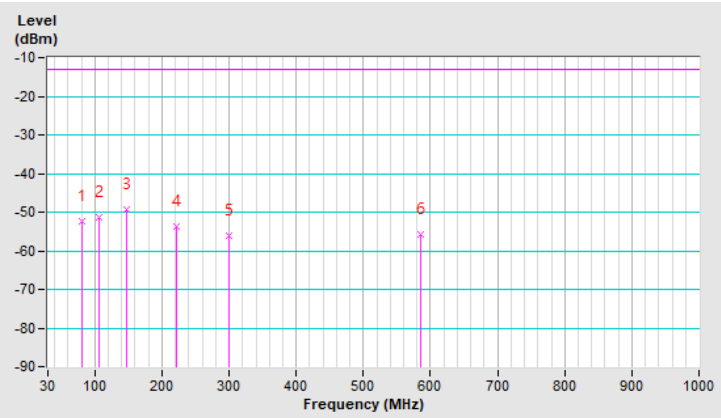
7.2.1 LTE Band 2

RF Mode	LTE Band 2 Channel Bandwidth: 5MHz	**Channel**	CH 19175：1907.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

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	80.61	-52.50	-13.00	-39.50	1.00 H	207	56.02	-108.52
2	105.91	-51.45	-13.00	-38.45	1.99 H	6	56.21	-107.66
3	146.68	-49.24	-13.00	-36.24	1.99 H	93	54.64	-103.88
4	221.19	-53.83	-13.00	-40.83	1.49 H	259	52.68	-106.51
5	299.91	-55.99	-13.00	-42.99	1.49 H	186	46.64	-102.63
6	585.29	-55.89	-13.00	-42.89	1.00 H	162	41.60	-97.49

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) + 20log(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 EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

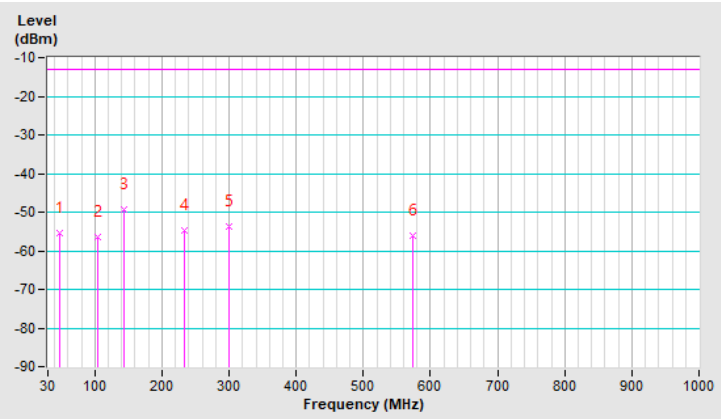


RF Mode	LTE Band 2 Channel Bandwidth: 5MHz	**Channel**	CH 19175：1907.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

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	48.28	-55.29	-13.00	-42.29	1.00 V	16	48.84	-104.13
2	104.51	-56.50	-13.00	-43.50	1.99 V	16	51.30	-107.80
3	143.87	-49.32	-13.00	-36.32	1.00 V	40	54.79	-104.11
4	233.84	-54.63	-13.00	-41.63	1.00 V	16	50.98	-105.61
5	299.91	-53.75	-13.00	-40.75	1.49 V	65	48.88	-102.63
6	574.04	-55.99	-13.00	-42.99	1.49 V	85	41.93	-97.92

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) + 20log(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 EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



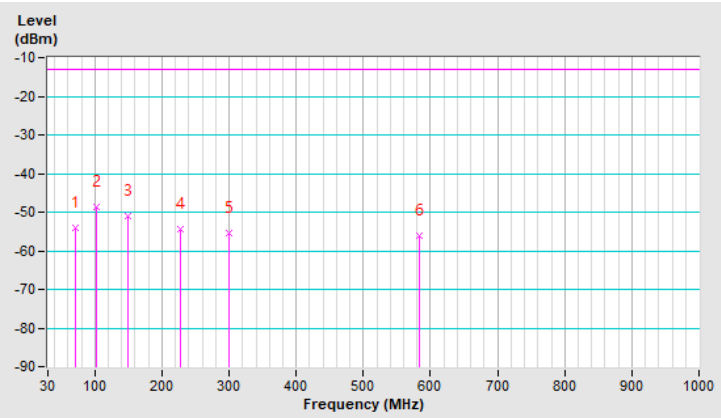
7.2.2 LTE Band 4

RF Mode	LTE Band 4 Channel Bandwidth: 20MHz	**Channel**	CH 20300：1745 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

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	70.77	-53.97	-13.00	-40.97	1.00 H	6	52.29	-106.26
2	101.70	-48.48	-13.00	-35.48	1.00 H	238	59.83	-108.31
3	149.49	-50.85	-13.00	-37.85	1.50 H	103	53.00	-103.85
4	228.22	-54.50	-13.00	-41.50	1.00 H	257	51.88	-106.38
5	299.91	-55.59	-13.00	-42.59	1.00 H	191	47.04	-102.63
6	583.88	-56.20	-13.00	-43.20	1.50 H	351	41.35	-97.55

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) + 20log(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 EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

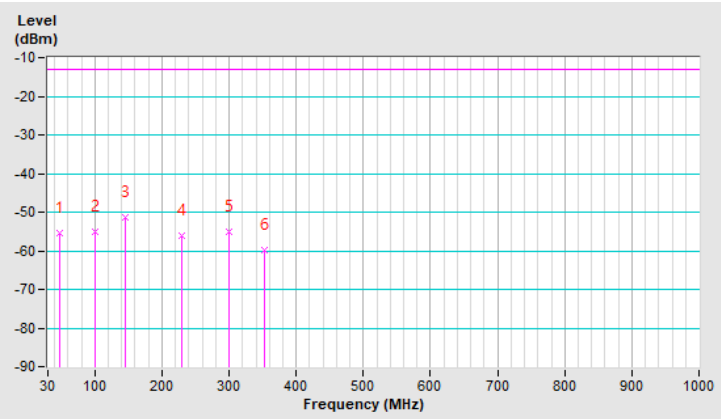


RF Mode	LTE Band 4 Channel Bandwidth: 20MHz	**Channel**	CH 20300：1745 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

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	48.28	-55.34	-13.00	-42.34	1.00 V	183	48.79	-104.13
2	100.29	-55.17	-13.00	-42.17	1.49 V	115	53.32	-108.49
3	145.28	-51.45	-13.00	-38.45	1.00 V	36	52.57	-104.02
4	229.62	-55.94	-13.00	-42.94	1.00 V	30	50.33	-106.27
5	299.91	-55.14	-13.00	-42.14	1.49 V	6	47.49	-102.63
6	353.33	-59.81	-13.00	-46.81	1.00 V	154	42.07	-101.88

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) + 20log(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 EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



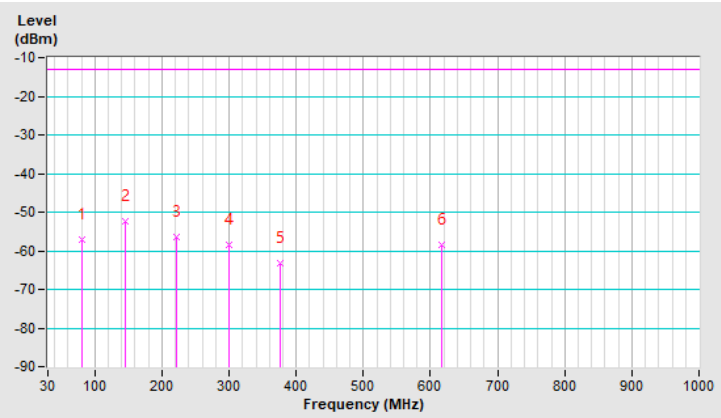
7.2.3 LTE Band 5

RF Mode	LTE Band 5 Channel Bandwidth: 10MHz	**Channel**	CH 20525：836.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

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	80.61	-57.15	-13.00	-44.15	1.00 H	228	53.52	-110.67
2	145.28	-52.22	-13.00	-39.22	1.00 H	78	53.95	-106.17
3	221.19	-56.53	-13.00	-43.53	1.00 H	265	52.13	-108.66
4	299.91	-58.56	-13.00	-45.56	1.00 H	208	46.22	-104.78
5	375.83	-63.13	-13.00	-50.13	1.49 H	156	40.30	-103.43
6	617.62	-58.41	-13.00	-45.41	1.00 H	319	40.29	-98.70

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) + 20log(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 ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

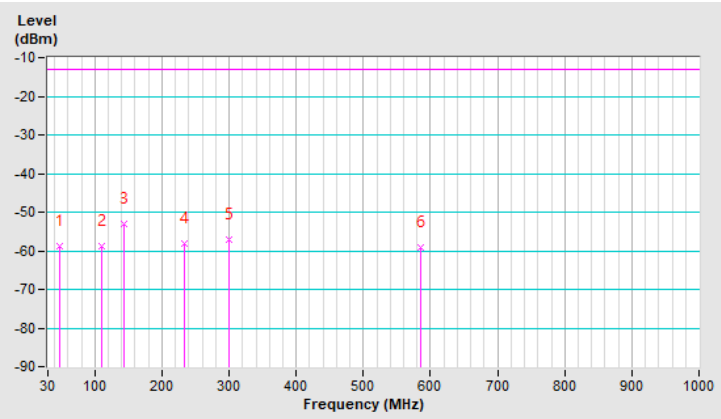


RF Mode	LTE Band 5 Channel Bandwidth: 10MHz	**Channel**	CH 20525：836.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

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	48.28	-58.78	-13.00	-45.78	1.01 V	199	47.50	-106.28
2	110.13	-58.92	-13.00	-45.92	1.01 V	171	50.41	-109.33
3	142.46	-53.06	-13.00	-40.06	1.01 V	43	53.28	-106.34
4	233.84	-58.11	-13.00	-45.11	1.01 V	195	49.65	-107.76
5	299.91	-57.00	-13.00	-44.00	1.50 V	11	47.78	-104.78
6	585.29	-59.22	-13.00	-46.22	1.01 V	250	40.42	-99.64

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) + 20log(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 ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



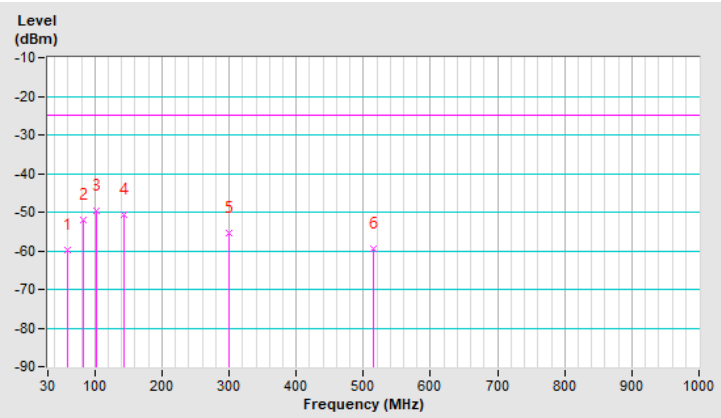
7.2.4 LTE Band 7

RF Mode	LTE Band 7 Channel Bandwidth: 20MHz	**Channel**	CH 21100：2535 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

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	59.52	-59.70	-25.00	-34.70	1.50 H	25	44.88	-104.58
2	82.01	-52.06	-25.00	-27.06	1.01 H	17	56.74	-108.80
3	101.70	-49.80	-25.00	-24.80	1.01 H	6	58.51	-108.31
4	142.46	-50.73	-25.00	-25.73	1.50 H	82	53.46	-104.19
5	299.91	-55.47	-25.00	-30.47	1.01 H	122	47.16	-102.63
6	515.00	-59.38	-25.00	-34.38	1.01 H	73	39.68	-99.06

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) + 20log(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 EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

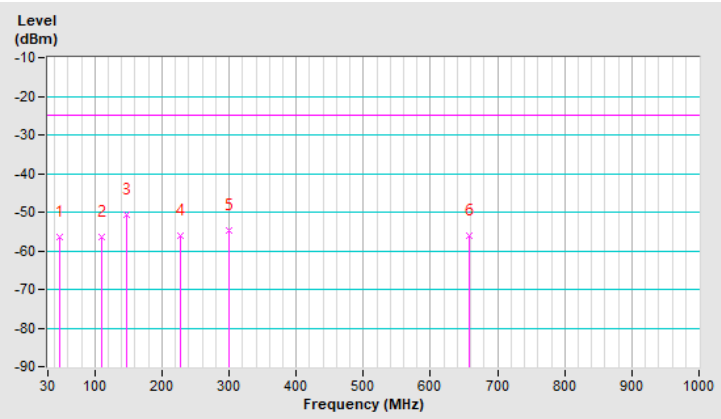


RF Mode	LTE Band 7 Channel Bandwidth: 20MHz	**Channel**	CH 21100：2535 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

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	48.28	-56.59	-25.00	-31.59	1.00 V	196	47.54	-104.13
2	110.13	-56.58	-25.00	-31.58	1.00 V	4	50.60	-107.18
3	146.68	-50.69	-25.00	-25.69	1.00 V	17	53.19	-103.88
4	228.22	-56.04	-25.00	-31.04	1.00 V	3	50.34	-106.38
5	299.91	-54.85	-25.00	-29.85	1.49 V	81	47.78	-102.63
6	658.39	-56.25	-25.00	-31.25	1.00 V	209	39.92	-96.17

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) + 20log(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 EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



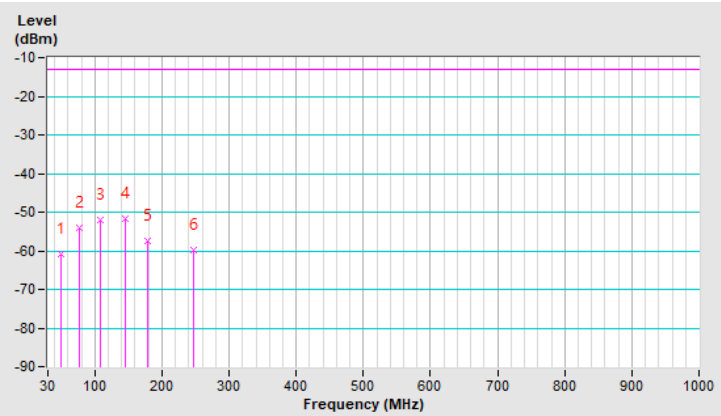
7.2.5 LTE Band 12

RF Mode	LTE Band 12 Channel Bandwidth: 10MHz	**Channel**	CH 23095：707.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

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	49.68	-60.81	-13.00	-47.81	1.50 H	27	45.45	-106.26
2	77.80	-54.22	-13.00	-41.22	1.00 H	102	55.65	-109.87
3	107.32	-52.09	-13.00	-39.09	1.00 H	9	57.47	-109.56
4	145.28	-51.83	-13.00	-38.83	1.50 H	106	54.34	-106.17
5	179.01	-57.42	-13.00	-44.42	1.00 H	251	49.78	-107.20
6	246.49	-59.87	-13.00	-46.87	1.50 H	260	46.85	-106.72

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) + 20log(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 ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

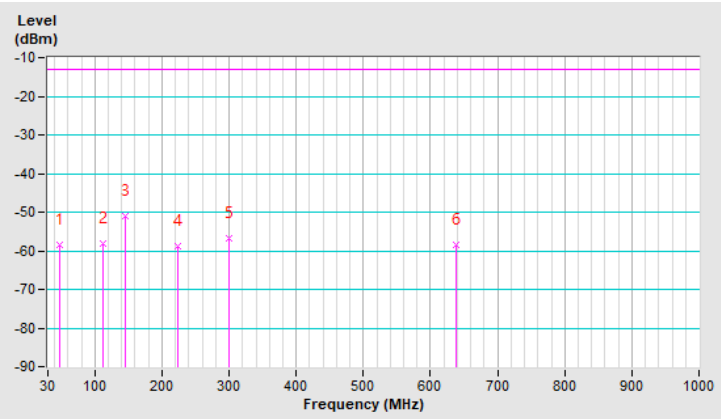


RF Mode	LTE Band 12 Channel Bandwidth: 10MHz	**Channel**	CH 23095：707.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

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	48.28	-58.55	-13.00	-45.55	1.01 V	191	47.73	-106.28
2	111.54	-57.99	-13.00	-44.99	1.01 V	340	51.19	-109.18
3	145.28	-51.04	-13.00	-38.04	1.01 V	30	55.13	-106.17
4	224.00	-58.71	-13.00	-45.71	1.01 V	27	50.01	-108.72
5	299.91	-56.79	-13.00	-43.79	1.50 V	102	47.99	-104.78
6	637.30	-58.41	-13.00	-45.41	1.01 V	152	39.99	-98.40

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) + 20log(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 ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



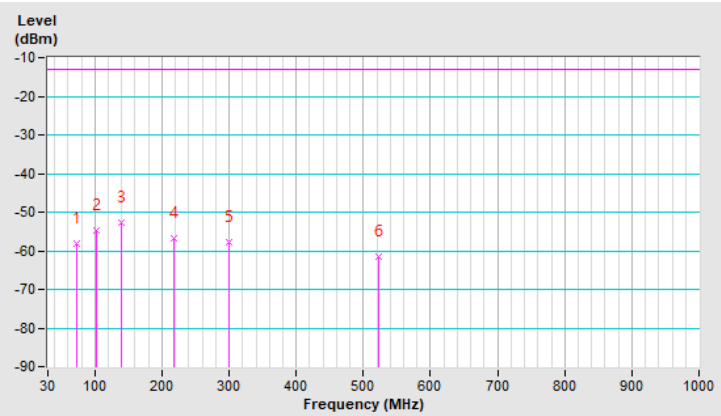
7.2.6 LTE Band 13

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**	23°C, 66% RH
Tested By	Titan Hsu		

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	73.58	-58.06	-13.00	-45.06	1.01 H	6	50.81	-108.87
2	101.70	-54.82	-13.00	-41.82	1.01 H	48	55.64	-110.46
3	139.65	-52.82	-13.00	-39.82	1.50 H	98	53.75	-106.57
4	216.97	-56.66	-13.00	-43.66	1.01 H	86	51.95	-108.61
5	299.91	-57.71	-13.00	-44.71	1.01 H	123	47.07	-104.78
6	523.43	-61.59	-13.00	-48.59	1.01 H	6	39.51	-101.10

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) + 20log(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 ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

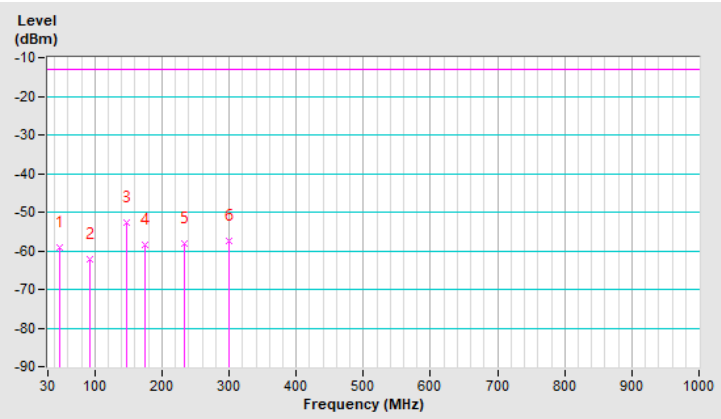


RF Mode	LTE Band 13 Channel Bandwidth: 10MHz	**Channel**	CH 23230：782 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

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	46.87	-59.29	-13.00	-46.29	1.00 V	169	47.11	-106.40
2	93.26	-62.04	-13.00	-49.04	1.49 V	191	49.61	-111.65
3	146.68	-52.86	-13.00	-39.86	1.00 V	56	53.17	-106.03
4	174.80	-58.54	-13.00	-45.54	1.49 V	324	48.21	-106.75
5	233.84	-58.19	-13.00	-45.19	1.00 V	15	49.57	-107.76
6	299.91	-57.50	-13.00	-44.50	1.49 V	90	47.28	-104.78

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) + 20log(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 ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



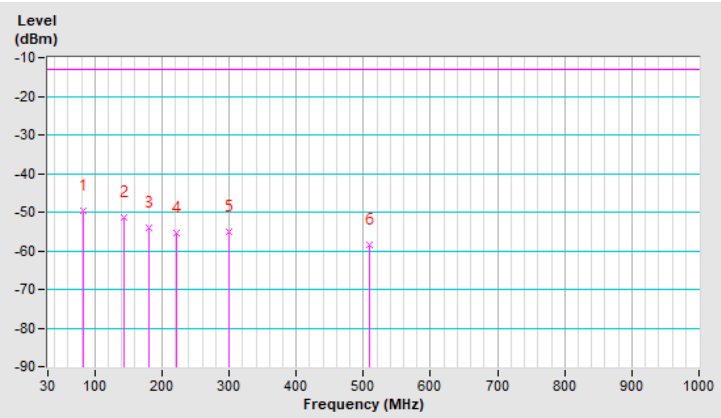
7.2.7 LTE Band 25

RF Mode	LTE Band 25 Channel Bandwidth: 20MHz	**Channel**	CH 26365：1882.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

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	83.42	-49.82	-13.00	-36.82	1.00 H	109	59.27	-109.09
2	142.46	-51.44	-13.00	-38.44	1.50 H	91	52.75	-104.19
3	180.42	-54.21	-13.00	-41.21	1.00 H	239	51.03	-105.24
4	222.59	-55.50	-13.00	-42.50	1.00 H	262	51.04	-106.54
5	299.91	-55.00	-13.00	-42.00	1.00 H	118	47.63	-102.63
6	509.38	-58.48	-13.00	-45.48	1.00 H	24	40.65	-99.13

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) + 20log(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 EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

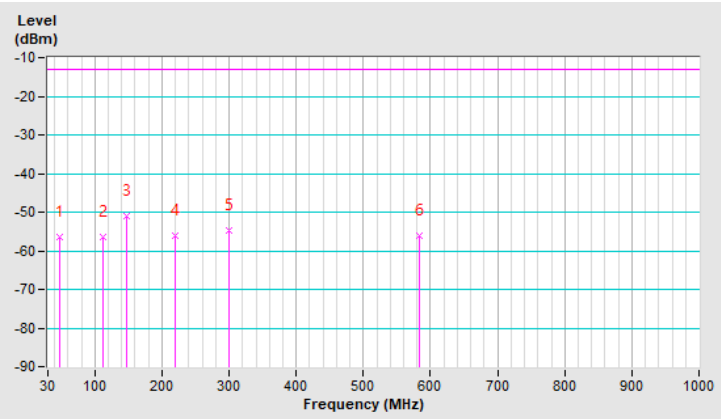


RF Mode	LTE Band 25 Channel Bandwidth: 20MHz	**Channel**	CH 26365：1882.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

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	48.28	-56.55	-13.00	-43.55	1.01 V	185	47.58	-104.13
2	111.54	-56.32	-13.00	-43.32	1.01 V	193	50.71	-107.03
3	146.68	-51.07	-13.00	-38.07	1.01 V	109	52.81	-103.88
4	219.78	-56.23	-13.00	-43.23	1.01 V	12	50.24	-106.47
5	299.91	-54.86	-13.00	-41.86	1.50 V	2	47.77	-102.63
6	583.88	-56.16	-13.00	-43.16	1.01 V	253	41.39	-97.55

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) + 20log(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 EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



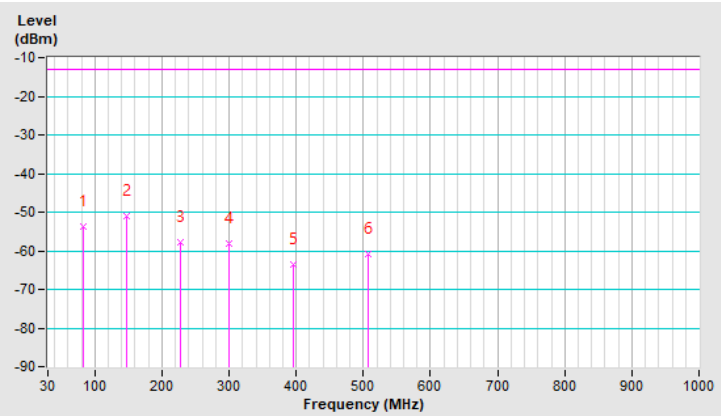
7.2.8 LTE Band 26 (Part 22)

RF Mode	LTE Band 26 Channel Bandwidth: 15MHz	**Channel**	CH 26915：836.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

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	82.01	-53.59	-13.00	-40.59	1.00 H	17	57.36	-110.95
2	146.68	-51.11	-13.00	-38.11	1.00 H	87	54.92	-106.03
3	228.22	-57.64	-13.00	-44.64	1.00 H	256	50.89	-108.53
4	299.91	-58.02	-13.00	-45.02	1.00 H	207	46.76	-104.78
5	395.51	-63.58	-13.00	-50.58	1.49 H	12	39.71	-103.29
6	507.97	-60.89	-13.00	-47.89	1.00 H	89	40.43	-101.32

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) + 20log(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 ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

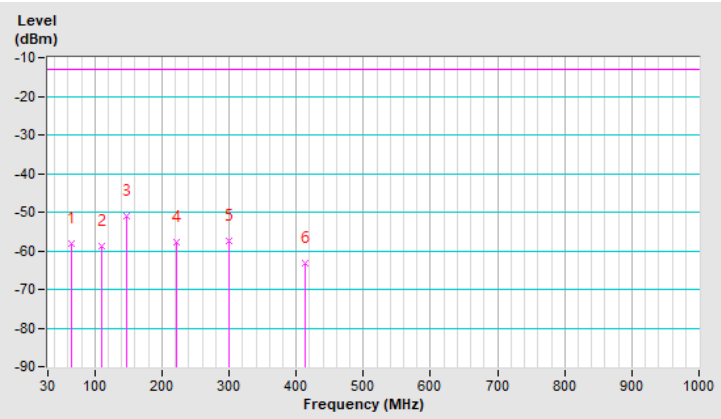


RF Mode	LTE Band 26 Channel Bandwidth: 15MHz	**Channel**	CH 26915：836.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

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	65.14	-57.99	-13.00	-44.99	1.01 V	288	49.63	-107.62
2	110.13	-58.68	-13.00	-45.68	1.01 V	6	50.65	-109.33
3	146.68	-51.13	-13.00	-38.13	1.01 V	27	54.90	-106.03
4	222.59	-57.69	-13.00	-44.69	1.01 V	18	51.00	-108.69
5	299.91	-57.34	-13.00	-44.34	1.50 V	314	47.44	-104.78
6	413.78	-63.23	-13.00	-50.23	1.50 V	216	39.84	-103.07

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) + 20log(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 ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



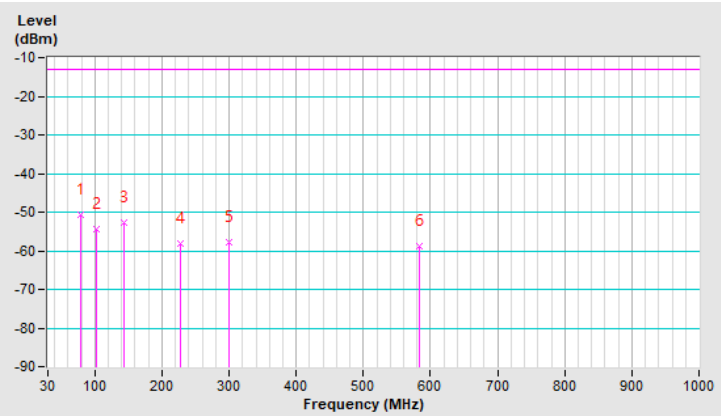
7.2.9 LTE Band 26 (Part 90)

RF Mode	LTE Band 26 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**	23°C, 66% RH
Tested By	Titan Hsu		

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	79.20	-50.64	-13.00	-37.64	1.01 H	325	59.57	-110.21
2	101.70	-54.42	-13.00	-41.42	1.01 H	355	56.04	-110.46
3	143.87	-52.87	-13.00	-39.87	1.50 H	99	53.39	-106.26
4	228.22	-58.21	-13.00	-45.21	1.01 H	266	50.32	-108.53
5	299.91	-57.85	-13.00	-44.85	1.01 H	198	46.93	-104.78
6	583.88	-58.72	-13.00	-45.72	1.50 H	265	40.98	-99.70

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) + 20log(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 ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

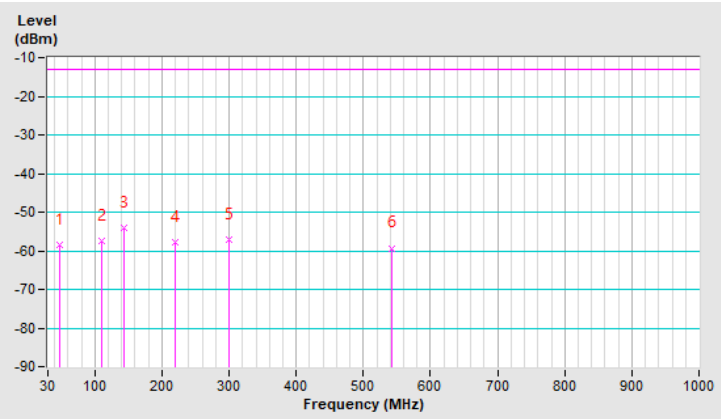


RF Mode	LTE Band 26 Channel Bandwidth: 10MHz	**Channel**	CH 26740：819 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

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	48.28	-58.47	-13.00	-45.47	1.00 V	270	47.81	-106.28
2	110.13	-57.40	-13.00	-44.40	1.00 V	12	51.93	-109.33
3	143.87	-54.22	-13.00	-41.22	1.00 V	353	52.04	-106.26
4	219.78	-57.91	-13.00	-44.91	1.00 V	5	50.71	-108.62
5	299.91	-57.17	-13.00	-44.17	1.49 V	309	47.61	-104.78
6	541.71	-59.32	-13.00	-46.32	1.00 V	69	41.55	-100.87

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) + 20log(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 ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



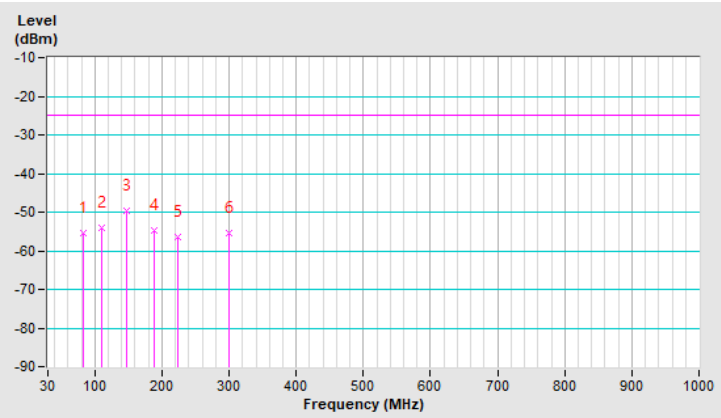
7.2.10 LTE Band 38

RF Mode	LTE Band 38 Channel Bandwidth: 20MHz	**Channel**	CH 38000：2595 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

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	82.01	-55.51	-25.00	-30.51	1.00 H	270	53.29	-108.80
2	110.13	-54.13	-25.00	-29.13	1.99 H	216	53.05	-107.18
3	**146.68**	**-49.79**	**-25.00**	**-24.79**	**1.49 H**	**82**	**54.09**	**-103.88**
4	187.45	-54.76	-25.00	-29.76	1.49 H	259	51.34	-106.10
5	224.00	-56.41	-25.00	-31.41	1.00 H	72	50.16	-106.57
6	299.91	-55.47	-25.00	-30.47	1.00 H	198	47.16	-102.63

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) + 20log(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 EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

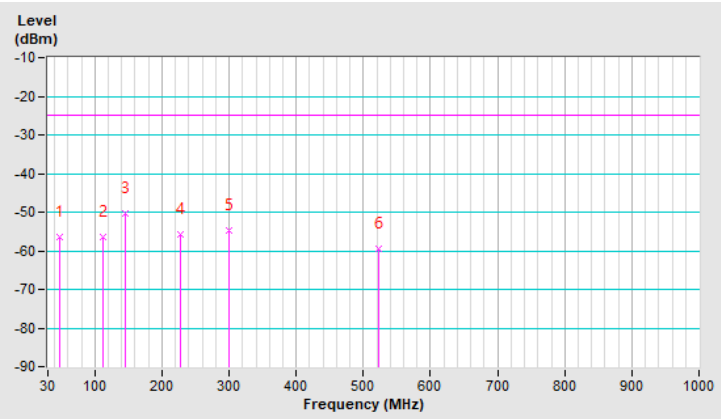


RF Mode	LTE Band 38 Channel Bandwidth: 20MHz	**Channel**	CH 38000：2595 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

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	48.28	-56.61	-25.00	-31.61	1.00 V	6	47.52	-104.13
2	111.54	-56.32	-25.00	-31.32	1.00 V	310	50.71	-107.03
3	145.28	-50.31	-25.00	-25.31	1.00 V	40	53.71	-104.02
4	226.81	-55.91	-25.00	-30.91	1.00 V	17	50.57	-106.48
5	299.91	-54.58	-25.00	-29.58	1.49 V	37	48.05	-102.63
6	522.03	-59.59	-25.00	-34.59	1.49 V	158	39.39	-98.98

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) + 20log(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 EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



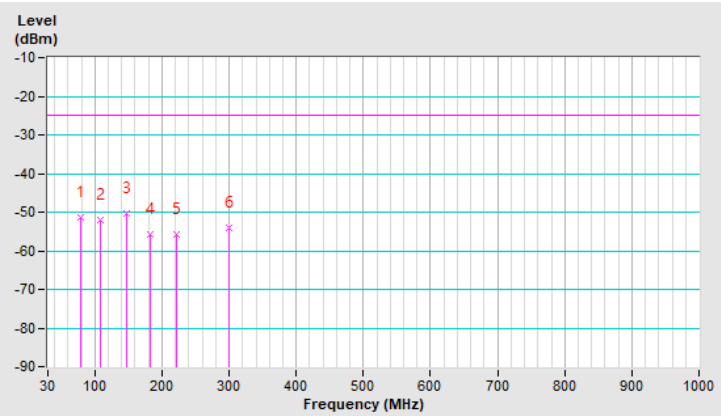
7.2.11 LTE Band 41

RF Mode	LTE Band 41 Channel Bandwidth: 20MHz	**Channel**	CH 40620：2593 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

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	79.20	-51.40	-25.00	-26.40	1.50 H	258	56.66	-108.06
2	107.32	-51.97	-25.00	-26.97	1.00 H	6	55.44	-107.41
3	146.68	-50.38	-25.00	-25.38	1.50 H	110	53.50	-103.88
4	183.23	-55.88	-25.00	-30.88	1.50 H	253	49.67	-105.55
5	221.19	-55.63	-25.00	-30.63	1.00 H	80	50.88	-106.51
6	299.91	-54.06	-25.00	-29.06	1.00 H	192	48.57	-102.63

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) + 20log(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 EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

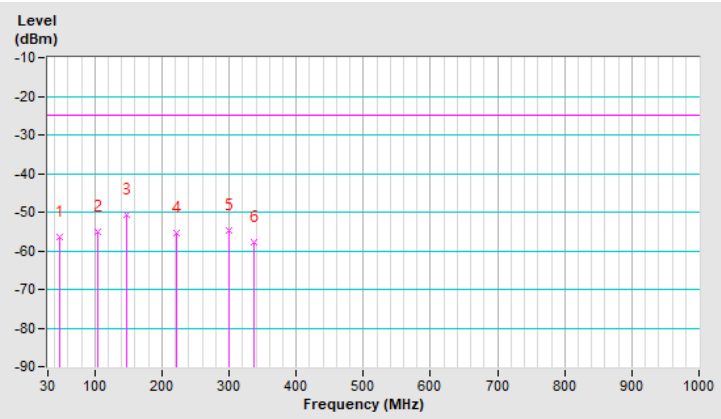


RF Mode	LTE Band 41 Channel Bandwidth: 20MHz	**Channel**	CH 40620：2593 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

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	48.28	-56.53	-25.00	-31.53	1.00 V	18	47.60	-104.13
2	104.51	-55.16	-25.00	-30.16	1.49 V	81	52.64	-107.80
3	146.68	-50.74	-25.00	-25.74	1.49 V	6	53.14	-103.88
4	222.59	-55.31	-25.00	-30.31	1.00 V	4	51.23	-106.54
5	299.91	-54.66	-25.00	-29.66	1.49 V	72	47.97	-102.63
6	337.87	-57.85	-25.00	-32.85	1.49 V	319	44.18	-102.03

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) + 20log(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 EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



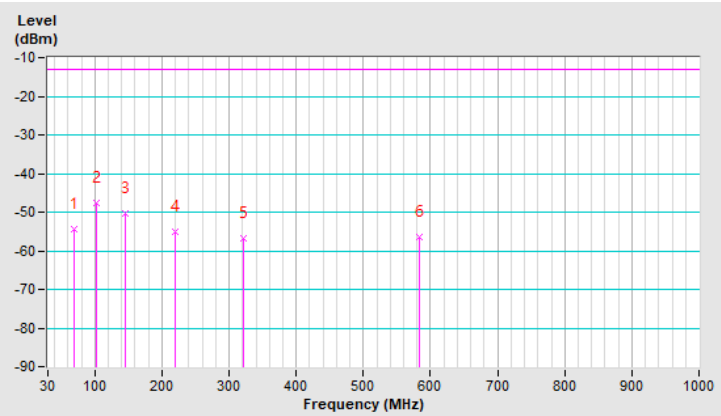
7.2.12 LTE Band 66

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**	23°C, 66% RH
Tested By	Titan Hsu		

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	69.36	-54.46	-13.00	-41.46	1.50 H	144	51.71	-106.17
2	103.10	-47.65	-13.00	-34.65	1.01 H	244	60.42	-108.07
3	145.28	-50.36	-13.00	-37.36	1.50 H	88	53.66	-104.02
4	219.78	-55.23	-13.00	-42.23	1.50 H	251	51.24	-106.47
5	321.00	-56.75	-13.00	-43.75	1.01 H	134	45.40	-102.15
6	583.88	-56.50	-13.00	-43.50	1.50 H	172	41.05	-97.55

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) + 20log(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 EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

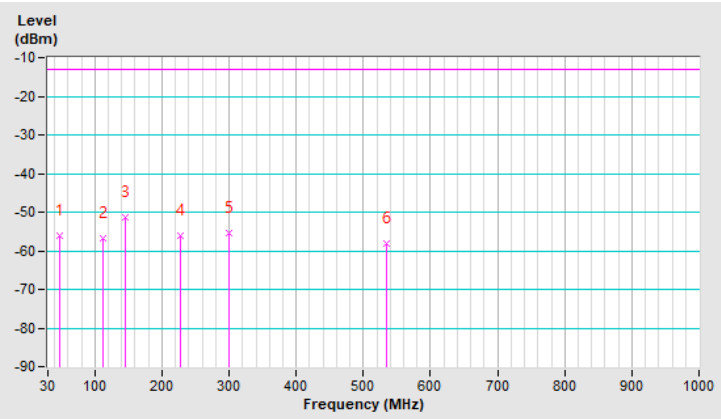


RF Mode	LTE Band 66 Channel Bandwidth: 20MHz	**Channel**	CH 132322：1745 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

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	48.28	-56.10	-13.00	-43.10	1.49 V	5	48.03	-104.13
2	112.94	-56.93	-13.00	-43.93	1.00 V	152	49.97	-106.90
3	145.28	-51.35	-13.00	-38.35	1.00 V	53	52.67	-104.02
4	226.81	-56.09	-13.00	-43.09	1.00 V	9	50.39	-106.48
5	299.91	-55.53	-13.00	-42.53	1.49 V	69	47.10	-102.63
6	534.68	-58.08	-13.00	-45.08	1.00 V	267	40.73	-98.81

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) + 20log(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 EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



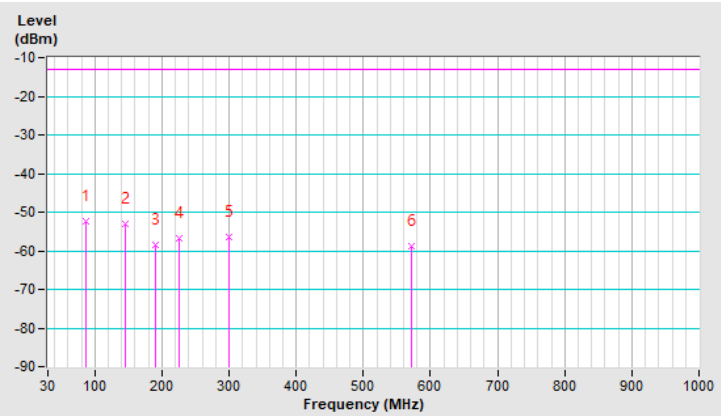
7.2.13 LTE Band 71

RF Mode	LTE Band 71 Channel Bandwidth: 5MHz	**Channel**	CH 133297：680.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

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	87.64	-52.54	-13.00	-39.54	1.00 H	84	59.30	-111.84
2	145.28	-53.18	-13.00	-40.18	1.00 H	71	52.99	-106.17
3	190.26	-58.46	-13.00	-45.46	1.00 H	262	50.06	-108.52
4	225.41	-56.89	-13.00	-43.89	1.00 H	258	51.84	-108.73
5	299.91	-56.60	-13.00	-43.60	1.00 H	113	48.18	-104.78
6	572.64	-58.74	-13.00	-45.74	1.49 H	213	41.39	-100.13

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) + 20log(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 ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

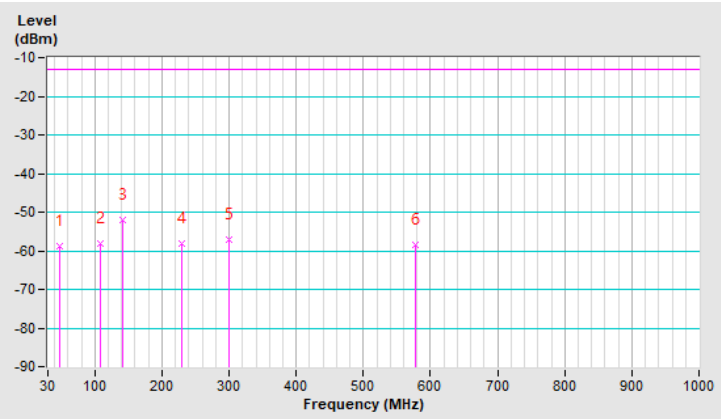


RF Mode	LTE Band 71 Channel Bandwidth: 5MHz	**Channel**	CH 133297：680.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

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	48.28	-58.77	-13.00	-45.77	1.01 V	5	47.51	-106.28
2	107.32	-58.19	-13.00	-45.19	1.50 V	10	51.37	-109.56
3	141.06	-51.89	-13.00	-38.89	1.01 V	30	54.64	-106.53
4	229.62	-58.21	-13.00	-45.21	1.01 V	43	50.21	-108.42
5	299.91	-57.01	-13.00	-44.01	1.50 V	283	47.77	-104.78
6	578.26	-58.41	-13.00	-45.41	1.01 V	257	41.49	-99.90

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) + 20log(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 ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



7.3 Radiated Spurious Emissions above 1GHz

7.3.1 LTE Band 2

RF Mode	LTE Band 2 Channel Bandwidth: 1.4MHz	**Channel**	CH 18607：1850.7 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	3701.40	-44.78	-13.00	-31.78	1.14 H	36	48.29	-93.07
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	3701.40	-44.61	-13.00	-31.61	1.84 V	247	48.46	-93.07

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 2 Channel Bandwidth: 1.4MHz	**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**	21°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	-44.55	-13.00	-31.55	1.12 H	38	48.39	-92.94
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	-44.37	-13.00	-31.37	1.83 V	247	48.57	-92.94

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 2 Channel Bandwidth: 1.4MHz	**Channel**	CH 19193：1909.3 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	3818.60	-45.16	-13.00	-32.16	1.08 H	37	47.62	-92.78
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	3818.60	-45.12	-13.00	-32.12	1.83 V	246	47.66	-92.78

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 2 Channel Bandwidth: 5MHz	**Channel**	CH 18625：1852.5 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	3705.00	-45.03	-13.00	-32.03	1.78 H	250	48.03	-93.06
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	3705.00	-44.81	-13.00	-31.81	1.16 V	37	48.25	-93.06

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 2 Channel Bandwidth: 5MHz	**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**	21°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	-44.83	-13.00	-31.83	1.16 H	42	48.11	-92.94
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	-44.56	-13.00	-31.56	1.80 V	245	48.38	-92.94

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 2 Channel Bandwidth: 5MHz	**Channel**	CH 19175：1907.5 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	3815.00	-44.53	-13.00	-31.53	1.10 H	36	48.24	-92.77
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	**3815.00**	**-44.25**	**-13.00**	**-31.25**	**1.88 V**	**244**	**48.52**	**-92.77**

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 2 Channel Bandwidth: 20MHz	**Channel**	CH 18700：1860 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	-45.40	-13.00	-32.40	1.07 H	35	47.64	-93.04
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	-45.35	-13.00	-32.35	1.86 V	251	47.69	-93.04

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

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**	21°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	-44.55	-13.00	-31.55	1.07 H	42	48.39	-92.94
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	-44.30	-13.00	-31.30	1.88 V	252	48.64	-92.94

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 2 Channel Bandwidth: 20MHz	**Channel**	CH 19100：1900 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	3800.00	-44.57	-13.00	-31.57	1.09 H	40	48.16	-92.73
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	3800.00	-44.31	-13.00	-31.31	1.84 V	247	48.42	-92.73

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.2 LTE Band 4

RF Mode	LTE Band 4 Channel Bandwidth: 1.4MHz	**Channel**	CH 19957：1710.7 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	3421.40	-46.36	-13.00	-33.36	1.63 H	19	47.96	-94.32
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	3421.40	-45.35	-13.00	-32.35	1.53 V	7	48.97	-94.32

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 4 Channel Bandwidth: 1.4MHz	**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**	21°C, 76% RH
Tested By	Rex Wnag		

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	-45.41	-13.00	-32.41	1.60 H	24	48.44	-93.85
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	-44.53	-13.00	-31.53	1.50 V	8	49.32	-93.85

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 4 Channel Bandwidth: 1.4MHz	**Channel**	CH 20393：1754.3 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	3508.60	-45.90	-13.00	-32.90	1.60 H	24	47.46	-93.36
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	3508.60	-44.62	-13.00	-31.62	1.55 V	5	48.74	-93.36

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 4 Channel Bandwidth: 5MHz	**Channel**	CH 19975：1712.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	3425.00	-46.24	-13.00	-33.24	1.56 H	22	48.06	-94.30
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	3425.00	-45.33	-13.00	-32.33	1.46 V	11	48.97	-94.30

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 4 Channel Bandwidth: 5MHz	**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**	21°C, 76% RH
Tested By	Rex Wnag		

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	-45.93	-13.00	-32.93	1.64 H	21	47.92	-93.85
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	-44.83	-13.00	-31.83	1.55 V	10	49.02	-93.85

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 4 Channel Bandwidth: 5MHz	**Channel**	CH 20375：1752.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	3505.00	-47.20	-13.00	-34.20	1.63 H	24	46.16	-93.36
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	3505.00	-44.90	-13.00	-31.90	1.46 V	11	48.46	-93.36

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 4 Channel Bandwidth: 20MHz	**Channel**	CH 20050：1720 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	3440.00	-46.07	-13.00	-33.07	1.59 H	24	48.07	-94.14
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	3440.00	-44.92	-13.00	-31.92	1.46 V	12	49.22	-94.14

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

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**	21°C, 76% RH
Tested By	Rex Wnag		

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	-45.51	-13.00	-32.51	1.58 H	22	48.34	-93.85
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	-44.53	-13.00	-31.53	1.49 V	10	49.32	-93.85

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 4 Channel Bandwidth: 20MHz	**Channel**	CH 20300：1745 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	-45.65	-13.00	-32.65	1.62 H	22	47.88	-93.53
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	-44.32	-13.00	-31.32	1.46 V	12	49.21	-93.53

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.3 LTE Band 5

RF Mode	LTE Band 5 Channel Bandwidth: 1.4MHz	**Channel**	CH 20407：824.7 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	1649.40	-55.87	-13.00	-42.87	1.58 H	276	46.57	-102.44
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	1649.40	-55.94	-13.00	-42.94	2.39 V	136	46.50	-102.44

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 5 Channel Bandwidth: 1.4MHz	**Channel**	CH 20525：836.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	1673.00	-55.26	-13.00	-42.26	1.53 H	279	47.11	-102.37
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	1673.00	-55.55	-13.00	-42.55	2.42 V	138	46.82	-102.37

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 5 Channel Bandwidth: 1.4MHz	**Channel**	CH 20643：848.3 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	1696.60	-56.05	-13.00	-43.05	1.50 H	279	46.24	-102.29
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	1696.60	-56.23	-13.00	-43.23	2.40 V	141	46.06	-102.29

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 5 Channel Bandwidth: 5MHz	**Channel**	CH 20425：826.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	1653.00	-55.90	-13.00	-42.90	1.56 H	283	46.53	-102.43
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	1653.00	-56.36	-13.00	-43.36	2.45 V	144	46.07	-102.43

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 5 Channel Bandwidth: 5MHz	**Channel**	CH 20525：836.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	1673.00	-55.64	-13.00	-42.64	1.52 H	278	46.73	-102.37
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	1673.00	-56.41	-13.00	-43.41	2.44 V	137	45.96	-102.37

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 5 Channel Bandwidth: 5MHz	**Channel**	CH 20625：846.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	1693.00	-55.33	-13.00	-42.33	1.53 H	280	46.98	-102.31
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	1693.00	-56.04	-13.00	-43.04	2.41 V	141	46.27	-102.31

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 5 Channel Bandwidth: 10MHz	**Channel**	CH 20450：829 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	1658.00	-55.94	-13.00	-42.94	1.53 H	276	46.47	-102.41
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	1658.00	-56.25	-13.00	-43.25	2.41 V	143	46.16	-102.41

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 5 Channel Bandwidth: 10MHz	**Channel**	CH 20525：836.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	**1673.00**	**-55.22**	**-13.00**	**-42.22**	**1.50 H**	**280**	**47.15**	**-102.37**
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	1673.00	-55.55	-13.00	-42.55	2.38 V	138	46.82	-102.37

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

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**	21°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	-55.74	-13.00	-42.74	1.58 H	278	46.59	-102.33
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	-55.78	-13.00	-42.78	2.41 V	143	46.55	-102.33

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) + 20log(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 7

RF Mode	LTE Band 7 Channel Bandwidth: 5MHz	**Channel**	CH 20775：2502.5 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	5005.00	-40.41	-25.00	-15.41	2.47 H	32	49.90	-90.31
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	5005.00	-40.99	-25.00	-15.99	1.32 V	139	49.32	-90.31

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 7 Channel Bandwidth: 5MHz	**Channel**	CH 21100：2535 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	5070.00	-39.73	-25.00	-14.73	2.43 H	28	50.22	-89.95
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	5070.00	-40.07	-25.00	-15.07	1.36 V	139	49.88	-89.95

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 7 Channel Bandwidth: 5MHz	**Channel**	CH 21425：2567.5 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	5135.00	-40.40	-25.00	-15.40	2.48 H	28	49.45	-89.85
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	5135.00	-40.48	-25.00	-15.48	1.32 V	140	49.37	-89.85

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 7 Channel Bandwidth: 20MHz	**Channel**	CH 20850：2510 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	5020.00	-40.60	-25.00	-15.60	2.42 H	31	49.64	-90.24
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	5020.00	-41.20	-25.00	-16.20	1.33 V	143	49.04	-90.24

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 7 Channel Bandwidth: 20MHz	**Channel**	CH 21100：2535 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	**5070.00**	**-39.43**	**-25.00**	**-14.43**	**2.43 H**	**30**	**50.52**	**-89.95**
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	5070.00	-40.03	-25.00	-15.03	1.37 V	141	49.92	-89.95

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

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**	21°C, 76% RH
Tested By	Rex Wnag		

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	-39.88	-25.00	-14.88	2.41 H	34	49.89	-89.77
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	-40.66	-25.00	-15.66	1.38 V	142	49.11	-89.77

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) + 20log(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 12

RF Mode	LTE Band 12 Channel Bandwidth: 1.4MHz	**Channel**	CH 23017：699.7 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	1399.40	-55.41	-13.00	-42.41	3.09 H	65	46.61	-102.02
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	1399.40	-54.44	-13.00	-41.44	1.84 V	168	47.58	-102.02

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 12 Channel Bandwidth: 1.4MHz	**Channel**	CH 23095：707.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	1415.00	-55.74	-13.00	-42.74	2.99 H	60	46.28	-102.02
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	1415.00	-54.40	-13.00	-41.40	1.89 V	165	47.62	-102.02

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 12 Channel Bandwidth: 1.4MHz	**Channel**	CH 23173：715.3 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	1430.60	-55.34	-13.00	-42.34	3.06 H	64	46.69	-102.03
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	1430.60	-54.65	-13.00	-41.65	1.84 V	167	47.38	-102.03

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 12 Channel Bandwidth: 5MHz	**Channel**	CH 23035：701.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	1403.00	-55.50	-13.00	-42.50	2.99 H	61	46.52	-102.02
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	1403.00	-54.36	-13.00	-41.36	1.89 V	161	47.66	-102.02

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 12 Channel Bandwidth: 5MHz	**Channel**	CH 23095：707.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	1415.00	-55.73	-13.00	-42.73	3.08 H	66	46.29	-102.02
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	1415.00	-54.37	-13.00	-41.37	1.88 V	162	47.65	-102.02

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 12 Channel Bandwidth: 5MHz	**Channel**	CH 23155：713.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	1427.00	-55.46	-13.00	-42.46	3.05 H	66	46.58	-102.04
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	1427.00	-54.57	-13.00	-41.57	1.83 V	162	47.47	-102.04

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 12 Channel Bandwidth: 10MHz	**Channel**	CH 23060：704 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	1408.00	-55.45	-13.00	-42.45	3.01 H	59	46.57	-102.02
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	1408.00	-54.96	-13.00	-41.96	1.87 V	167	47.06	-102.02

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 12 Channel Bandwidth: 10MHz	**Channel**	CH 23095：707.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	1415.00	-54.78	-13.00	-41.78	2.95 H	64	47.24	-102.02
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	1415.00	-54.14	-13.00	-41.14	1.85 V	166	47.88	-102.02

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

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**	21°C, 76% RH
Tested By	Rex Wnag		

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	-55.26	-13.00	-42.26	3.00 H	61	46.77	-102.03
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	-54.71	-13.00	-41.71	1.85 V	162	47.32	-102.03

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

7.3.6 LTE Band 13

RF Mode	LTE Band 13 Channel Bandwidth: 5MHz	**Channel**	CH 23205：779.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	1559.00	-55.32	-40.00	-15.32	2.00 H	180	46.93	-102.25
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	1559.00	-55.96	-40.00	-15.96	1.61 V	178	46.29	-102.25

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 13 Channel Bandwidth: 5MHz	**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**	21°C, 76% RH
Tested By	Rex Wnag		

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	-54.72	-40.00	-14.72	2.02 H	183	47.55	-102.27
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	1564.00	-55.21	-40.00	-15.21	1.64 V	177	47.06	-102.27

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 13 Channel Bandwidth: 5MHz	**Channel**	CH 23255：784.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	1569.00	-55.19	-40.00	-15.19	1.99 H	185	47.09	-102.28
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	1569.00	-55.72	-40.00	-15.72	1.71 V	174	46.56	-102.28

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

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**	21°C, 76% RH
Tested By	Rex Wnag		

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	-54.69	-40.00	-14.69	2.06 H	184	47.58	-102.27
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	1564.00	-55.16	-40.00	-15.16	1.62 V	181	47.11	-102.27

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.7 LTE Band 25

RF Mode	LTE Band 25 Channel Bandwidth: 1.4MHz	**Channel**	CH 26047：1850.7 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	3701.40	-44.93	-13.00	-31.93	1.91 H	65	48.14	-93.07
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	3701.40	-46.00	-13.00	-33.00	3.42 V	114	47.07	-93.07

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 25 Channel Bandwidth: 1.4MHz	**Channel**	CH 26365：1882.5 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	3765.00	-44.39	-13.00	-31.39	1.89 H	61	48.52	-92.91
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	3765.00	-45.23	-13.00	-32.23	3.44 V	111	47.68	-92.91

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 25 Channel Bandwidth: 1.4MHz	**Channel**	CH 26683：1914.3 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	3828.60	-44.79	-13.00	-31.79	1.85 H	59	48.02	-92.81
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	3828.60	-45.93	-13.00	-32.93	3.40 V	112	46.88	-92.81

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 25 Channel Bandwidth: 5MHz	**Channel**	CH 26065：1852.5 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	3705.00	-44.99	-13.00	-31.99	1.87 H	62	48.07	-93.06
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	3705.00	-45.94	-13.00	-32.94	3.44 V	115	47.12	-93.06

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 25 Channel Bandwidth: 5MHz	**Channel**	CH 26365：1882.5 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	3765.00	-44.80	-13.00	-31.80	1.91 H	64	48.11	-92.91
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	3765.00	-45.38	-13.00	-32.38	3.48 V	111	47.53	-92.91

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 25 Channel Bandwidth: 5MHz	**Channel**	CH 26665：1912.5 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	3825.00	-45.15	-13.00	-32.15	1.88 H	58	47.64	-92.79
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	3825.00	-45.23	-13.00	-32.23	3.47 V	115	47.56	-92.79

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

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**	21°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	-45.25	-13.00	-32.25	1.94 H	65	47.79	-93.04
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	-45.66	-13.00	-32.66	3.44 V	115	47.38	-93.04

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 25 Channel Bandwidth: 20MHz	**Channel**	CH 26365：1882.5 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	3765.00	-44.32	-13.00	-31.32	1.89 H	58	48.59	-92.91
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	3765.00	-45.22	-13.00	-32.22	3.46 V	112	47.69	-92.91

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 25 Channel Bandwidth: 20MHz	**Channel**	CH 26590：1905 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	3810.00	-44.54	-13.00	-31.54	1.90 H	62	48.22	-92.76
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	3810.00	-45.52	-13.00	-32.52	3.42 V	115	47.24	-92.76

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.8 LTE Band 26 (Part 22)

RF Mode	LTE Band 26 Channel Bandwidth: 1.4MHz	**Channel**	CH 26797：824.7 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	1649.40	-57.60	-13.00	-44.60	1.17 H	172	44.84	-102.44
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	1649.40	-58.33	-13.00	-45.33	1.98 V	55	44.11	-102.44

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 26 Channel Bandwidth: 1.4MHz	**Channel**	CH 26915：836.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	1673.00	-57.41	-13.00	-44.41	1.12 H	173	44.96	-102.37
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	1673.00	-57.55	-13.00	-44.55	1.96 V	58	44.82	-102.37

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 26 Channel Bandwidth: 1.4MHz	**Channel**	CH 27033：848.3 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	1696.60	-58.12	-13.00	-45.12	1.11 H	174	44.17	-102.29
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	1696.60	-58.22	-13.00	-45.22	1.97 V	61	44.07	-102.29

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 26 Channel Bandwidth: 5MHz	**Channel**	CH 26815：826.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	1653.00	-57.77	-13.00	-44.77	1.10 H	177	44.66	-102.43
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	1653.00	-58.00	-13.00	-45.00	1.93 V	56	44.43	-102.43

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 26 Channel Bandwidth: 5MHz	**Channel**	CH 26915：836.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	1673.00	-58.04	-13.00	-45.04	1.17 H	170	44.33	-102.37
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	1673.00	-58.41	-13.00	-45.41	2.00 V	59	43.96	-102.37

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 26 Channel Bandwidth: 5MHz	**Channel**	CH 27015：846.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	1693.00	-57.73	-13.00	-44.73	1.11 H	171	44.58	-102.31
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	1693.00	-57.92	-13.00	-44.92	1.98 V	55	44.39	-102.31

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 26 Channel Bandwidth: 15MHz	**Channel**	CH 26865：831.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	1663.00	-57.63	-13.00	-44.63	1.11 H	173	44.77	-102.40
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	1663.00	-57.84	-13.00	-44.84	1.94 V	55	44.56	-102.40

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 26 Channel Bandwidth: 15MHz	**Channel**	CH 26915：836.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	1673.00	-57.35	-13.00	-44.35	1.09 H	177	45.02	-102.37
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	1673.00	-57.45	-13.00	-44.45	1.94 V	64	44.92	-102.37

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 26 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**	21°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	1683.00	-57.47	-13.00	-44.47	1.11 H	171	44.86	-102.33
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	-57.61	-13.00	-44.61	2.01 V	59	44.72	-102.33

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

7.3.9 LTE Band 26 (Part 90)

RF Mode	LTE Band 26 Channel Bandwidth: 1.4MHz	**Channel**	CH 26697：814.7 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	1629.40	-57.84	-13.00	-44.84	1.07 H	172	44.58	-102.42
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	1629.40	-58.15	-13.00	-45.15	1.99 V	59	44.27	-102.42

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 26 Channel Bandwidth: 1.4MHz	**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**	21°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	1638.00	-57.94	-13.00	-44.94	1.16 H	172	44.49	-102.43
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	-58.03	-13.00	-45.03	2.00 V	64	44.40	-102.43

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 26 Channel Bandwidth: 1.4MHz	**Channel**	CH 26783：823.3 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	1646.60	-57.78	-13.00	-44.78	1.07 H	174	44.65	-102.43
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	1646.60	-58.15	-13.00	-45.15	1.92 V	56	44.28	-102.43

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 26 Channel Bandwidth: 5MHz	**Channel**	CH 26715：816.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	1633.00	-57.96	-13.00	-44.96	1.14 H	173	44.47	-102.43
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	1633.00	-58.31	-13.00	-45.31	2.01 V	56	44.12	-102.43

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 26 Channel Bandwidth: 5MHz	**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**	21°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	1638.00	-57.97	-13.00	-44.97	1.11 H	177	44.46	-102.43
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	-58.54	-13.00	-45.54	1.94 V	59	43.89	-102.43

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 26 Channel Bandwidth: 5MHz	**Channel**	CH 26765：816.47 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°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	1643.00	-57.85	-13.00	-44.85	1.13 H	171	44.58	-102.43
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	1643.00	-58.22	-13.00	-45.22	1.92 V	57	44.21	-102.43

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 26 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**	21°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	**1638.00**	**-57.39**	**-13.00**	**-44.39**	**1.09 H**	**172**	**45.04**	**-102.43**
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	-57.58	-13.00	-44.58	2.01 V	66	44.85	-102.43

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

7.3.10 LTE Band 38

RF Mode	LTE Band 38 Channel Bandwidth: 5MHz	**Channel**	CH 37775：2572.5 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	5145.00	-46.03	-25.00	-21.03	3.99 H	92	43.86	-89.89
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	5145.00	-44.93	-25.00	-19.93	1.54 V	150	44.96	-89.89

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 38 Channel Bandwidth: 5MHz	**Channel**	CH 38000：2595 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	5190.00	-45.73	-25.00	-20.73	3.95 H	90	44.35	-90.08
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	5190.00	-44.89	-25.00	-19.89	1.60 V	149	45.19	-90.08

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 38 Channel Bandwidth: 5MHz	**Channel**	CH 38225：2617.5 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	5235.00	-45.98	-25.00	-20.98	4.00 H	91	44.26	-90.24
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	5235.00	-45.40	-25.00	-20.40	1.54 V	146	44.84	-90.24

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 38 Channel Bandwidth: 20MHz	**Channel**	CH 37850：2580 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	5235.00	-46.08	-25.00	-21.08	3.92 H	91	44.16	-90.24
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	5235.00	-45.04	-25.00	-20.04	1.61 V	144	45.20	-90.24

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 38 Channel Bandwidth: 20MHz	**Channel**	CH 38000：2595 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	5190.00	-45.60	-25.00	-20.60	3.97 H	94	44.48	-90.08
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	5190.00	-44.71	-25.00	-19.71	1.55 V	148	45.37	-90.08

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 38 Channel Bandwidth: 20MHz	**Channel**	CH 38150：2610 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	5220.00	-45.84	-25.00	-20.84	4.00 H	96	44.35	-90.19
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	5220.00	-45.27	-25.00	-20.27	1.54 V	145	44.92	-90.19

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.11LTE Band 41

RF Mode	LTE Band 41 Channel Bandwidth: 5MHz	**Channel**	CH 39675：2498.5 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	4997.00	-48.58	-25.00	-23.58	1.61 H	120	41.77	-90.35
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	4997.00	-47.61	-25.00	-22.61	2.48 V	341	42.74	-90.35

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 41 Channel Bandwidth: 5MHz	**Channel**	CH 40620：2593 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	5186.00	-48.57	-25.00	-23.57	1.60 H	127	41.51	-90.08
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	5186.00	-46.90	-25.00	-21.90	2.41 V	336	43.18	-90.08

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 41 Channel Bandwidth: 5MHz	**Channel**	CH 41565：2687.5 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	5375.00	-47.86	-25.00	-22.86	1.57 H	125	42.12	-89.98
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	5375.00	-47.04	-25.00	-22.04	2.48 V	339	42.94	-89.98

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 41 Channel Bandwidth: 20MHz	**Channel**	CH 39750：2506 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	5012.00	-48.62	-25.00	-23.62	1.55 H	124	41.66	-90.28
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	5012.00	-47.69	-25.00	-22.69	2.47 V	340	42.59	-90.28

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 41 Channel Bandwidth: 20MHz	**Channel**	CH 40620：2593 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	5186.00	-47.59	-25.00	-22.59	1.61 H	124	42.49	-90.08
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	5186.00	-46.70	-25.00	-21.70	2.47 V	336	43.38	-90.08

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

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**	21°C, 76% RH
Tested By	Rex Wnag		

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	-47.97	-25.00	-22.97	1.53 H	124	42.07	-90.04
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	-47.16	-25.00	-22.16	2.40 V	340	42.88	-90.04

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) + 20log(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 66

RF Mode	LTE Band 66 Channel Bandwidth: 1.4MHz	**Channel**	CH 131979：1710.7 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	3421.40	-50.01	-13.00	-37.01	2.21 H	234	44.31	-94.32
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	3421.40	-49.30	-13.00	-36.30	3.55 V	30	45.02	-94.32

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 66 Channel Bandwidth: 1.4MHz	**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**	21°C, 76% RH
Tested By	Rex Wnag		

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	-48.65	-13.00	-35.65	2.22 H	236	44.88	-93.53
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	-47.89	-13.00	-34.89	3.52 V	28	45.64	-93.53

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 66 Channel Bandwidth: 1.4MHz	**Channel**	CH 132665：1779.3 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	3558.60	-49.02	-13.00	-36.02	2.26 H	234	44.16	-93.18
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	3558.60	-48.49	-13.00	-35.49	3.51 V	31	44.69	-93.18

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 66 Channel Bandwidth: 5MHz	**Channel**	CH 131997：1712.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	3425.00	-50.23	-13.00	-37.23	2.19 H	240	44.07	-94.30
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	3425.00	-49.48	-13.00	-36.48	3.54 V	32	44.82	-94.30

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 66 Channel Bandwidth: 5MHz	**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**	21°C, 76% RH
Tested By	Rex Wnag		

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	-49.36	-13.00	-36.36	2.22 H	234	44.17	-93.53
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	-48.76	-13.00	-35.76	3.58 V	30	44.77	-93.53

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 66 Channel Bandwidth: 5MHz	**Channel**	CH 132647：1777.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	3555.00	-48.75	-13.00	-35.75	2.20 H	236	44.44	-93.19
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	3555.00	-48.13	-13.00	-35.13	3.53 V	27	45.06	-93.19

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 66 Channel Bandwidth: 20MHz	**Channel**	CH 132072：1720 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	3440.00	-49.76	-13.00	-36.76	2.21 H	239	44.38	-94.14
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	3440.00	-48.72	-13.00	-35.72	3.60 V	25	45.42	-94.14

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

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**	21°C, 76% RH
Tested By	Rex Wnag		

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	-48.61	-13.00	-35.61	2.21 H	236	44.92	-93.53
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	-47.89	-13.00	-34.89	3.52 V	25	45.64	-93.53

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 66 Channel Bandwidth: 20MHz	**Channel**	CH 132572：1770 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	3540.00	-49.01	-13.00	-36.01	2.17 H	244	44.22	-93.23
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	3540.00	-47.92	-13.00	-34.92	3.54 V	28	45.31	-93.23

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) + 20log(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 71

RF Mode	LTE Band 71 Channel Bandwidth: 5MHz	**Channel**	CH 133147：665.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	1331.00	-56.91	-13.00	-43.91	1.80 H	22	45.39	-102.30
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	1331.00	-57.06	-13.00	-44.06	1.04 V	12	45.24	-102.30

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 71 Channel Bandwidth: 5MHz	**Channel**	CH 133297：680.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	1361.00	-56.52	-13.00	-43.52	1.83 H	22	45.69	-102.21
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	1361.00	-56.92	-13.00	-43.92	1.83 V	28	45.29	-102.21

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 71 Channel Bandwidth: 5MHz	**Channel**	CH 133447：695.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	1391.00	-57.12	-13.00	-44.12	1.82 H	32	44.94	-102.06
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	1391.00	-57.37	-13.00	-44.37	1.05 V	10	44.69	-102.06

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 71 Channel Bandwidth: 20MHz	**Channel**	CH 133222：673 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	1346.00	-57.31	-13.00	-44.31	1.87 H	17	44.96	-102.27
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	1346.00	-57.80	-13.00	-44.80	1.02 V	15	44.47	-102.27

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 71 Channel Bandwidth: 20MHz	**Channel**	CH 133297：680.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wnag		

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	1361.00	-56.77	-13.00	-43.77	1.78 H	16	45.44	-102.21
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	1361.00	-57.05	-13.00	-44.05	1.04 V	11	45.16	-102.21

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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

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**	21°C, 76% RH
Tested By	Rex Wnag		

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	-56.95	-13.00	-43.95	1.83 H	15	45.18	-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	1376.00	-57.36	-13.00	-44.36	1.06 V	13	44.77	-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) + 20log(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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