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 2**
Report No.:	RFBCMA-WTW-P23030799B
FCC ID:	RAXTMOG4AR
Product:	5G Gateway
Brand:	T-Mobile
Model No.:	TMO-G4AR
Received Date:	2023/5/12
Test Date:	2023/5/20 ~ 2023/5/29
Issued Date:	2023/6/15
Applicant:	Arcadyan Technology Corporation
Address:	No.8, Sec.2, Guangfu Rd.,Hsinchu City 30071, Taiwan, R.O.C.
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Lin Kou Laboratories
Lab Address:	No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan
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:** **2023/6/15**

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
RFBCMA-WTW-P23030799B	Original release.	2023/6/15

1 Certificate

Product:	5G Gateway
Brand:	T-Mobile
Test Model:	TMO-G4AR
Sample Status:	Engineering sample
Applicant:	Arcadyan Technology Corporation
Test Date:	2023/5/20 ~ 2023/5/29
Standard:	47 CFR FCC Part 22 47 CFR FCC Part 24 47 CFR FCC Part 27 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 662911 D01 Multiple Transmitter Output 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 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 27.50(a)	Effective Radiated Power and Equivalent Isotropically Radiated Power	Pass	Meet the requirement of limit. Refer to Note 2
FCC 47 CFR Part 2.1047	Modulation Characteristics	N/A	Refer to Note 1
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	N/A	Refer to Note 1
FCC 47 CFR Part 2.1049	Bandwidth	N/A	Refer to Note 1
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 27.53(a)	Conducted Spurious Emissions	N/A	Refer to Note 1
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 27.53(a)	Radiated Spurious Emissions below 1GHz	Pass	Minimum passing margin is -24.91 dB at 92.08 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 27.53(a)	Radiated Spurious Emissions above 1GHz	Pass	Minimum passing margin is -31.06 dB at 3800.00 MHz
FCC 47 CFR Part 2.1055 FCC 47 CFR Part 22.355 FCC 47 CFR Part 24.235 FCC 47 CFR Part 27.54	Frequency Stability	N/A	Refer to Note 1

Note:

1. The only test item of Effective Radiated Power, Equivalent Isotropically Radiated Power and Radiated Spurious Emissions tests were performed for this report. Other testing data please refer to SGS-CSRC Standards Technical Services (Suzhou) Co., Ltd. Report No.: SEWM2210000205RG01 (LTE Module, Brand: Fibocom, Model: FG360-NA, FCC ID: ZMOFG360NA08).
2. The conducted output power was copied from the original module report.
3. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2.1 Measurement Uncertainty

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

Parameter	Specification	Uncertainty (±)
Radiated Spurious Emissions below 1GHz	9 kHz ~ 30 MHz	2.44 dB
	30 MHz ~ 1 GHz	2.95 dB
Radiated Spurious Emissions above 1GHz	1 GHz ~ 18 GHz	2.26 dB
	18 GHz ~ 40 GHz	1.94 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	5G Gateway
Brand	T-Mobile
Test Model	TMO-G4AR
Status of EUT	Engineering sample
Power Supply Rating	20Vdc or 15Vdc or 12Vdc or 9Vdc or 5Vdc (From adapter)

Note:

1. This report is prepared for FCC class II permissive change. The difference compared with the original report (BV CPS report no.: RFBCMA-WTW-P23030799-3) is adding external antenna.
2. Base on the conducted power and all conducted result no change, the device WWAN conducted data leverage 5G module (Fibocom FG360-NA), and record ERP/EIRP in the report with external antenna to prove it not over the limit.
3. 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	687.068mW (28.37dBm)	570.164mW (27.56dBm)	454.988mW (26.58dBm)	258.226mW (24.12dBm)
LTE Band 2 (Channel Bandwidth 3MHz)	1851.5-1908.5	690.240mW (28.39dBm)	567.545mW (27.54dBm)	457.088mW (26.60dBm)	226.986mW (23.56dBm)
LTE Band 2 (Channel Bandwidth 5MHz)	1852.5-1907.5	701.455mW (28.46dBm)	571.479mW (27.57dBm)	461.318mW (26.64dBm)	224.905mW (23.52dBm)
LTE Band 2 (Channel Bandwidth 10MHz)	1855.0-1905.0	695.024mW (28.42dBm)	572.796mW (27.58dBm)	456.037mW (26.59dBm)	222.331mW (23.47dBm)
LTE Band 2 (Channel Bandwidth 15MHz)	1857.5-1902.5	690.240mW (28.39dBm)	571.479mW (27.57dBm)	454.988mW (26.58dBm)	219.280mW (23.41dBm)
LTE Band 2 (Channel Bandwidth 20MHz)	1860.0-1900.0	699.842mW (28.45dBm)	574.116mW (27.59dBm)	458.142mW (26.61dBm)	222.331mW (23.47dBm)
LTE Band 4 (Channel Bandwidth 1.4MHz)	1710.7-1754.3	669.885mW (28.26dBm)	557.186mW (27.46dBm)	443.609mW (26.47dBm)	226.986mW (23.56dBm)
LTE Band 4 (Channel Bandwidth 3MHz)	1711.5-1753.5	668.344mW (28.25dBm)	548.277mW (27.39dBm)	446.684mW (26.50dBm)	240.436mW (23.81dBm)
LTE Band 4 (Channel Bandwidth 5MHz)	1712.5-1752.5	680.769mW (28.33dBm)	558.470mW (27.47dBm)	443.609mW (26.47dBm)	236.592mW (23.74dBm)
LTE Band 4 (Channel Bandwidth 10MHz)	1715.0-1750.0	699.842mW (28.45dBm)	555.904mW (27.45dBm)	451.856mW (26.55dBm)	217.270mW (23.37dBm)
LTE Band 4 (Channel Bandwidth 15MHz)	1717.5-1747.5	676.083mW (28.30dBm)	562.341mW (27.50dBm)	450.817mW (26.54dBm)	217.270mW (23.37dBm)
LTE Band 4 (Channel Bandwidth 20MHz)	1720.0-1745.0	683.912mW (28.35dBm)	558.470mW (27.47dBm)	442.588mW (26.46dBm)	226.986mW (23.56dBm)

Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power			
		QPSK	16QAM	64QAM	256QAM
LTE Band 25 (Channel Bandwidth 1.4MHz)	1850.7-1914.3	717.794mW (28.56dBm)	550.808mW (27.41dBm)	442.588mW (26.46dBm)	221.309mW (23.45dBm)
LTE Band 25 (Channel Bandwidth 3MHz)	1851.5-1913.5	671.429mW (28.27dBm)	559.758mW (27.48dBm)	440.555mW (26.44dBm)	226.986mW (23.56dBm)
LTE Band 25 (Channel Bandwidth 5MHz)	1852.5-1912.5	677.642mW (28.31dBm)	553.350mW (27.43dBm)	445.656mW (26.49dBm)	214.783mW (23.32dBm)
LTE Band 25 (Channel Bandwidth 10MHz)	1855.0-1910.0	674.528mW (28.29dBm)	558.470mW (27.47dBm)	444.631mW (26.48dBm)	226.986mW (23.56dBm)
LTE Band 25 (Channel Bandwidth 15MHz)	1857.5-1907.5	685.488mW (28.36dBm)	564.937mW (27.52dBm)	443.609mW (26.47dBm)	228.034mW (23.58dBm)
LTE Band 25 (Channel Bandwidth 20MHz)	1860.0-1905.0	674.528mW (28.29dBm)	557.186mW (27.46dBm)	445.656mW (26.49dBm)	228.560mW (23.59dBm)
LTE Band 66 (Channel Bandwidth 1.4 MHz)	1710.7-1779.3	659.174mW (28.19dBm)	552.077mW (27.42dBm)	437.522mW (26.41dBm)	229.615mW (23.61dBm)
LTE Band 66 (Channel Bandwidth 3MHz)	1711.5-1778.5	662.217mW (28.21dBm)	544.503mW (27.36dBm)	434.510mW (26.38dBm)	221.309mW (23.45dBm)
LTE Band 66 (Channel Bandwidth 5MHz)	1712.5-1777.5	668.344mW (28.25dBm)	548.277mW (27.39dBm)	440.555mW (26.44dBm)	212.814mW (23.28dBm)
LTE Band 66 (Channel Bandwidth 10MHz)	1715.0-1775.0	668.344mW (28.25dBm)	544.503mW (27.36dBm)	437.522mW (26.41dBm)	226.986mW (23.56dBm)
LTE Band 66 (Channel Bandwidth 15MHz)	1717.5-1772.5	660.693mW (28.20dBm)	545.758mW (27.37dBm)	442.588mW (26.46dBm)	214.289mW (23.31dBm)
LTE Band 66 (Channel Bandwidth 20MHz)	1720.0-1770.0	665.273mW (28.23dBm)	554.626mW (27.44dBm)	437.522mW (26.41dBm)	228.560mW (23.59dBm)

Band / Bandwidth	TX Frequency Range (MHz)	Max. ERP Power			
		QPSK	16QAM	64QAM	256QAM
LTE Band 5 (Channel Bandwidth 1.4MHz)	824.7-848.3	207.014mW (23.16dBm)	173.380mW (22.39dBm)	138.995mW (21.43dBm)	67.764mW (18.31dBm)
LTE Band 5 (Channel Bandwidth 3MHz)	825.5-847.5	209.894mW (23.22dBm)	173.780mW (22.40dBm)	137.404mW (21.38dBm)	68.077mW (18.33dBm)
LTE Band 5 (Channel Bandwidth 5MHz)	826.5-846.5	211.836mW (23.26dBm)	174.985mW (22.43dBm)	140.605mW (21.48dBm)	68.234mW (18.34dBm)
LTE Band 5 (Channel Bandwidth 10MHz)	829.0-844.0	216.770mW (23.36dBm)	174.582mW (22.42dBm)	139.316mW (21.44dBm)	67.920mW (18.32dBm)
LTE Band 12 (Channel Bandwidth 1.4MHz)	699.7-715.3	207.970mW (23.18dBm)	171.791mW (22.35dBm)	136.773mW (21.36dBm)	163.305mW (22.13dBm)
LTE Band 12 (Channel Bandwidth 3MHz)	700.5-714.5	208.449mW (23.19dBm)	170.216mW (22.31dBm)	136.458mW (21.35dBm)	67.608mW (18.30dBm)
LTE Band 12 (Channel Bandwidth 5MHz)	701.5-713.5	209.894mW (23.22dBm)	172.982mW (22.38dBm)	138.995mW (21.43dBm)	68.077mW (18.33dBm)
LTE Band 12 (Channel Bandwidth 10MHz)	704.0-711.0	209.894mW (23.22dBm)	172.187mW (22.36dBm)	137.721mW (21.39dBm)	68.234mW (18.34dBm)
LTE Band 71 (Channel Bandwidth 5MHz)	665.5-695.5	244.906mW (23.89dBm)	198.153mW (22.97dBm)	160.325mW (22.05dBm)	79.799mW (19.02dBm)
LTE Band 71 (Channel Bandwidth 10MHz)	668.0-693.0	241.546mW (23.83dBm)	197.242mW (22.95dBm)	159.221mW (22.02dBm)	80.724mW (19.07dBm)
LTE Band 71 (Channel Bandwidth 15MHz)	670.5-690.5	240.436mW (23.81dBm)	199.067mW (22.99dBm)	159.221mW (22.02dBm)	87.096mW (19.40dBm)
LTE Band 71 (Channel Bandwidth 20MHz)	673.0-688.0	242.661mW (23.85dBm)	198.153mW (22.97dBm)	159.956mW (22.04dBm)	82.985mW (19.19dBm)

4. The EUT uses following accessories.

AC Adapter 1		
Brand	Model	Specification
LUCENT TRANS	1A78	AC Input : 100~240V, 1.2A, 50-60Hz DC Output : 5.0V, 3.0A,15W or 9.0V, 3.0A, 27W or 12.0V, 3.0A, 36W or 15.0V, 3.0A, 45W or 20.0V, 2.25A, 45W DC Output Cable : 1.85 m, non-shielded cable, W/O ferrite core Plug : US
AC Adapter 2		
Brand	Model	Specification
MASS POWER	PD045E-C1C0AVU	AC Input : 100~240V, 1.0A, 50-60Hz DC Output : 5.0V, 3.0A or 9.0V, 3.0A or 12.0V, 3.0A or 15.0V, 3.0A or 20.0V, 2.25A, 45W DC Output Cable : 1.8 m, non-shielded cable, W/O ferrite core Plug : US

*The adapter 1 was chosen for final test.

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

3.2 Antenna Description of EUT

1. The antenna information of 5G Gateway is listed as below.

Antenna NO.	RF Chain NO.	Brand	Model	Antenna Net Gain(dBi)	Frequency range	Antenna Type	Connector Type
WWAN Antenna (Internal)	B71 (TRx) (M2)	PSA	RFPCA811609IMMB403_B	3.17	663-698 MHz	Monopole	ipex(MHF1)
	B71 (Rx)(M1)		RFPCA811609IMMB402_A	3.10	663-698 MHz	Monopole	ipex(MHF1)
	B71 (Rx) (D1)		RFPCA652018IMMB401_A	2.09	663-698 MHz	Monopole	ipex(MHF1)
	B71 (Rx)(D2)		RFFPA656320IMMB401_B	2.01	663-698 MHz	Monopole	ipex(MHF1)
	B12 (TRx)(M2)	PSA	RFPCA811609IMMB403_B	3.34	698-716 MHz	Monopole	ipex(MHF1)
	B12 (Rx)(D2)		RFFPA656320IMMB401_B	2.05	698-716 MHz	Monopole	ipex(MHF1)
	B5 (TRx)(M2)	PSA	RFPCA811609IMMB403_B	1.68	824-849 MHz	Monopole	ipex(MHF1)
	B5 (Rx) (D2)		RFFPA656320IMMB401_B	0.63	824-849 MHz	Monopole	ipex(MHF1)
	B4/B66 (TRx) (M2)	PSA	RFPCA811609IMMB403_B	3.69	1710-1780 MHz	Monopole	ipex(MHF1)
	B4/B66 (TRx) (M1)		RFPCA811609IMMB402_A	5.13	1710-1780 MHz	Monopole	ipex(MHF1)
	B4/B66 (Rx) (D1)		RFPCA652018IMMB401_A	4.26	1710-1780 MHz	Monopole	ipex(MHF1)
	B4/B66 (Rx) (D2)		RFFPA656320IMMB401_B	4.10	1710-1780 MHz	Monopole	ipex(MHF1)
	B2/B25 (TRx) (M2)	PSA	RFPCA811609IMMB403_B	3.33	1850-1915 MHz	Monopole	ipex(MHF1)
	B2/B25 (TRx) (M1)		RFPCA811609IMMB402_A	4.78	1850-1915 MHz	Monopole	ipex(MHF1)
	B2/B25 (Rx) (D1)		RFPCA652018IMMB401_A	3.79	1850-1915 MHz	Monopole	ipex(MHF1)
	B2/B25 (Rx) (D2)		RFFPA656320IMMB401_B	4.11	1850-1915 MHz	Monopole	ipex(MHF1)
	B41 (TRx) (M2)	PSA	RFPCA811609IMMB403_B	2.78	2496-2690 MHz	Monopole	ipex(MHF1)
	B41 (TRx) (M1)		RFPCA811609IMMB402_A	3.02	2496-2690 MHz	Monopole	ipex(MHF1)
	B41 (Rx) (Omni-Antenna HC1O)		RFPCA380906IMMB401_A	4.45	2496-2690 MHz	Dipole	ipex(MHF1)
	B41 (Rx) (Omni-Antenna HC2O)		RFPCA380912IMMB401_A	3.67	2496-2690 MHz	Dipole	ipex(MHF1)
	B41 (Rx) (Semi-Antenna HC1S)		RFPCA474709IMMB401_A	7.59	2496-2690 MHz	Dipole	ipex(MHF1)
	B41 (Rx) (Semi-Antenna HC2S)		RFPCA474709IMMB401_A	7.76	2496-2690 MHz	Dipole	ipex(MHF1)
	B48 (TRx) (M2)	PSA	RFPCA811609IMMB403_B	0.94	3550-3700 MHz	Monopole	ipex(MHF1)
	B48 (TRx) (M1)		RFPCA811609IMMB402_A	1.02	3550-3700 MHz	Monopole	ipex(MHF1)
	B48 (Rx) (Omni-Antenna HC1O)		RFPCA380906IMMB401_A	4.64	3550-3700 MHz	Dipole	ipex(MHF1)
	B48 (Rx) (Omni-Antenna HC2O)		RFPCA380912IMMB401_A	4.03	3550-3700 MHz	Dipole	ipex(MHF1)
	B48 (Rx) (Semi-Antenna HC1S)		RFPCA474709IMMB401_A	7.67	3550-3700 MHz	Dipole	ipex(MHF1)
	B48 (Rx) (Semi-Antenna HC2S)		RFPCA474709IMMB401_A	8.01	3550-3700 MHz	Dipole	ipex(MHF1)
	B77 (TRx) (M2)	PSA	RFPCA811609IMMB403_B	0.84	3300-4200 MHz	Monopole	ipex(MHF1)
	B77(TRx) (M1)		RFPCA811609IMMB402_A	0.91	3300-4200 MHz	Monopole	ipex(MHF1)
	B77 (Rx) (Omni-Antenna HC1O)		RFPCA380906IMMB401_A	4.73	3300-4200 MHz	Dipole	ipex(MHF1)
	B77 (Rx) (Omni-Antenna HC2O)		RFPCA380912IMMB401_A	4.14	3300-4200 MHz	Dipole	ipex(MHF1)
	B77 (Rx) (Semi-Antenna HC1S)		RFPCA474709IMMB401_A	7.98	3300-4200 MHz	Dipole	ipex(MHF1)
	B77 (Rx) (Semi-Antenna HC2S)		RFPCA474709IMMB401_A	8.13	3300-4200 MHz	Dipole	ipex(MHF1)

*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.
*Only B2/B4/B25 bands support 1TX diversity.

Antenna No.	RF Chain No.	Brand	Model	Antenna Net Gain (dBi)	Frequency range	Antenna Type	Connector Type
WWAN Antenna (External)	B71	TAOGLAS	ANT1	0.80	663-698 MHz	PIFA	ipex(MHF)
	B71		ANT2	1.50	663-698 MHz	PIFA	ipex(MHF)
	B71		ANT3	1.90	663-698 MHz	PIFA	ipex(MHF)
	B71		ANT4	1.40	663-698 MHz	PIFA	ipex(MHF)
	B12	TAOGLAS	ANT1	1.20	698-716 MHz	PIFA	ipex(MHF)
	B12		ANT2	1.40	698-716 MHz	PIFA	ipex(MHF)
	B12		ANT3	0.80	698-716 MHz	PIFA	ipex(MHF)
	B12		ANT4	0.80	698-716 MHz	PIFA	ipex(MHF)
	B5	TAOGLAS	ANT1	-1.00	824-849 MHz	PIFA	ipex(MHF)
	B5		ANT2	-1.80	824-849 MHz	PIFA	ipex(MHF)
	B5		ANT3	1.50	824-849 MHz	PIFA	ipex(MHF)
	B5		ANT4	-1.70	824-849 MHz	PIFA	ipex(MHF)
	B4/B66	TAOGLAS	ANT1	4.40	1710-1780 MHz	PIFA	ipex(MHF)
	B4/B66		ANT2	3.70	1710-1780 MHz	PIFA	ipex(MHF)
	B4/B66		ANT3	4.60	1710-1780 MHz	PIFA	ipex(MHF)
	B4/B66		ANT4	3.80	1710-1780 MHz	PIFA	ipex(MHF)
	B2/B25	TAOGLAS	ANT1	4.00	1850-1915 MHz	PIFA	ipex(MHF)
	B2/B25		ANT2	3.50	1850-1915 MHz	PIFA	ipex(MHF)
	B2/B25		ANT3	4.60	1850-1915 MHz	PIFA	ipex(MHF)
	B2/B25		ANT4	3.60	1850-1915 MHz	PIFA	ipex(MHF)
	B41	TAOGLAS	ANT1	3.90	2496-2690 MHz	PIFA	ipex(MHF)
	B41		ANT2	3.80	2496-2690 MHz	PIFA	ipex(MHF)
	B41		ANT3	2.90	2496-2690 MHz	PIFA	ipex(MHF)
	B41		ANT4	4.00	2496-2690 MHz	PIFA	ipex(MHF)
	B48	TAOGLAS	ANT1	2.60	3550-3700 MHz	PIFA	ipex(MHF)
	B48		ANT2	2.30	3550-3700 MHz	PIFA	ipex(MHF)
	B48		ANT3	1.70	3550-3700 MHz	PIFA	ipex(MHF)
	B48		ANT4	2.40	3550-3700 MHz	PIFA	ipex(MHF)
	B77	TAOGLAS	ANT1	3.20	3300-4200 MHz	PIFA	ipex(MHF)
	B77		ANT2	2.80	3300-4200 MHz	PIFA	ipex(MHF)
	B77		ANT3	3.80	3300-4200 MHz	PIFA	ipex(MHF)
	B77		ANT4	2.90	3300-4200 MHz	PIFA	ipex(MHF)

* 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.
* Only B2/B4/B25 bands support 1TX diversity.

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: Z-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
RE Below 1GHz	19100 (1900.00 MHz)	20 MHz	QPSK	1 RB
RE 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
RE Below 1GHz	20300 (1745.00 MHz)	20 MHz	QPSK	1 RB
RE 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
	20000 (1715.00 MHz) 20175 (1732.50 MHz) 20350 (1750.00 MHz)	10 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
RE Below 1GHz	20625 (846.50 MHz)	5 MHz	QPSK	1 RB
RE 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 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
RE Below 1GHz	23155 (713.50 MHz)	5 MHz	QPSK	1 RB
RE 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 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
RE Below 1GHz	26590 (1905.00 MHz)	20 MHz	QPSK	1 RB
RE 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 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
RE Below 1GHz	132647 (1777.50 MHz)	5 MHz	QPSK	1 RB
RE 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

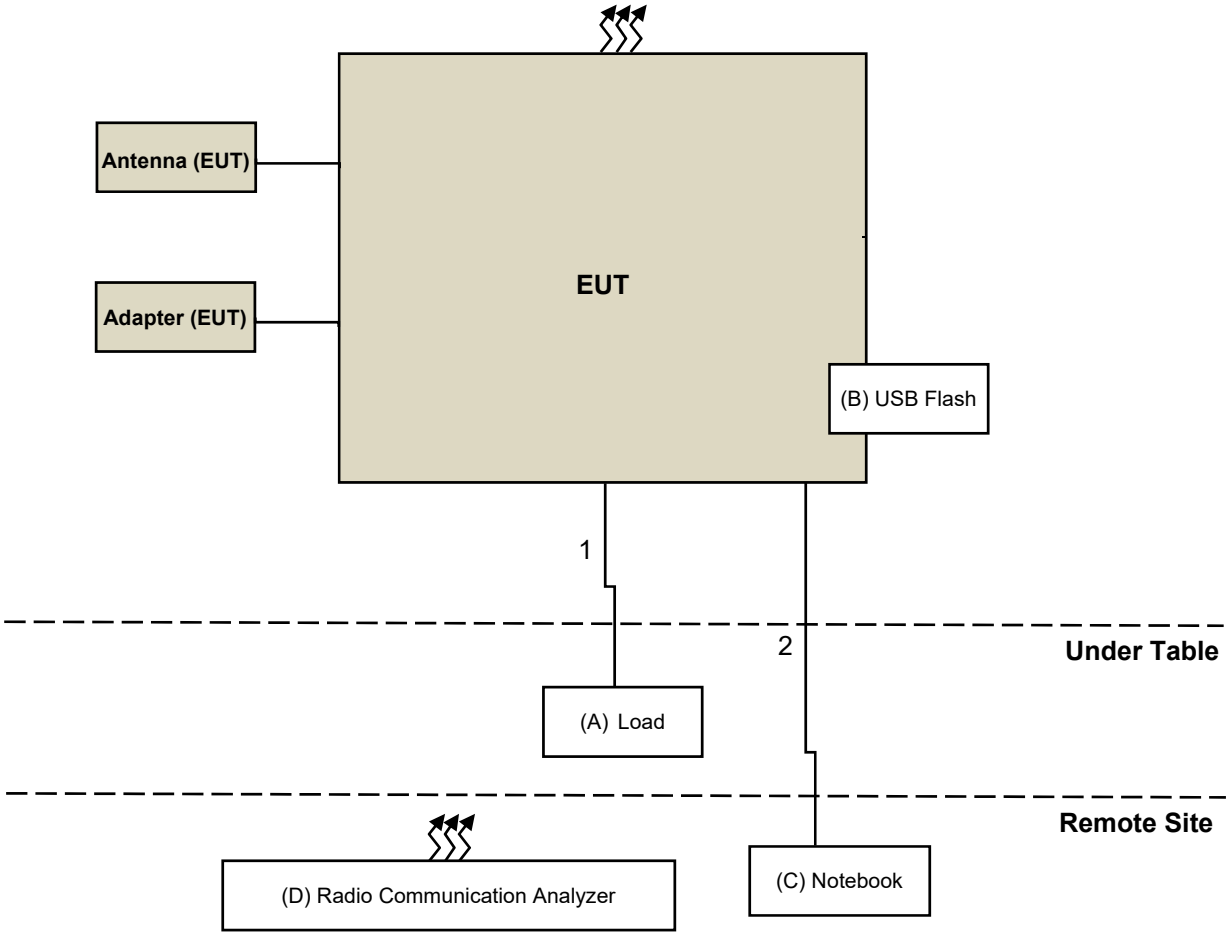
For LTE Band 71

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
RE Below 1GHz	133372 (688.00 MHz)	20 MHz	QPSK	1 RB
RE 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	NA	NA	NA	NA	Provided by Lab
B	USB Flash	SanDisk G	SDDDC3-032	NA	NA	Provided by Lab
C	Notebook	Lenovo	80Q7	PF0KUGU6	FCC DoC Approved	Provided by Lab
D	Radio Communication Analyzer	Anritsu	MT8821C	6201462755	NA	Provided by Lab

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

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower &Turn Max-Full	MFA-440H	AT93021705	N/A	N/A
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-472	2022/10/21	2023/10/20
EXA Signal Analyzer Agilent	N9010A	MY52220207	2023/1/3	2024/1/2
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 EMCI	EMC 330H	980112	2022/10/1	2023/9/30
	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 WORKEN	8D-FB	Cable-Ch10-01	2022/10/1	2023/9/30
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table Max-Full	MFT-201SS	N/A	N/A	N/A
Turn Table Controller Max-Full	MG-7802	N/A	N/A	N/A
Radio Communication Analyzer Anritsu	MT8821C	6201462755	2023/3/3	2024/3/2

Notes:

1. The test was performed in HY - 966 chamber 5.
2. Tested Date: 2023/5/23 ~ 2023/5/24

4.2 Radiated Spurious Emissions above 1GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower &Turn Max-Full	MFA-440H	AT93021705	N/A	N/A
Boresight antenna tower fixture BV	BAF-02	7	N/A	N/A
Horn Antenna Schwarzbeck	BBHA 9120D	9120D-969	2022/11/13	2023/11/12
	BBHA 9170	148	2022/11/13	2023/11/12
Pre-Ammlifier EMCI	EMC 184045	980116	2022/10/1	2023/9/30
Pre-Amplifier EMCI	EMC 012645	980115	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
	EMC104-SM-SM-8000+3000	171005	2022/10/1	2023/9/30
RF Coaxial Cable HUBER SUHNER	SUCOFLEX 104	EMC104-SM-SM-1000(140807)	2022/10/1	2023/9/30
RF FLITER MICRO-TRONICS	BRM17690	004	2023/1/11	2024/1/10
	BRM50716	060	2023/1/11	2024/1/10
Signal Analyzer Agilent	N9010A	MY52220207	2023/1/3	2024/1/2
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Test Receiver KEYSIGHT	N9038A	MY55420137	2023/5/3	2024/5/2
Turn Table Max-Full	MFT-201SS	N/A	N/A	N/A
Turn Table Controller Max-Full	MG-7802	N/A	N/A	N/A
Radio Communication Analyzer Anritsu	MT8821C	6201462755	2023/3/3	2024/3/2

Notes:

1. The test was performed in HY - 966 chamber 5.
2. Tested Date: 2023/5/20 ~ 2023/5/29

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:

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

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.

5.2 Radiated Spurious Emissions below 1GHz

For LTE Band 2, LTE Band 5, LTE Band 25:

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 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 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:

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 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 66:

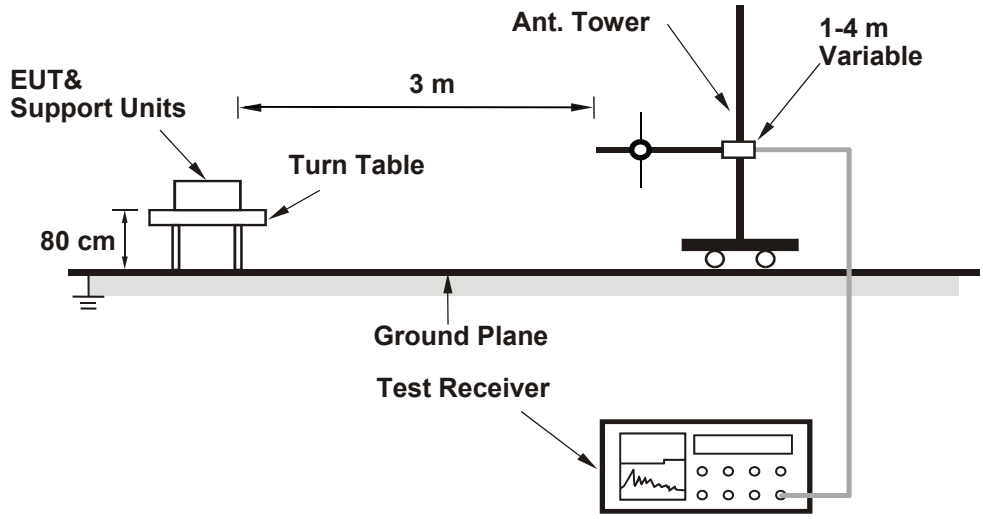
According to FCC 47 CFR part 27.53(h), for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log (P) dB. The limit of emission is equal to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

6 Test Arrangements

6.1 Radiated Spurious Emissions below 1GHz

6.1.1 Test Setup

For radiated emission 30 MHz to 1 GHz



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

6.1.2 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.

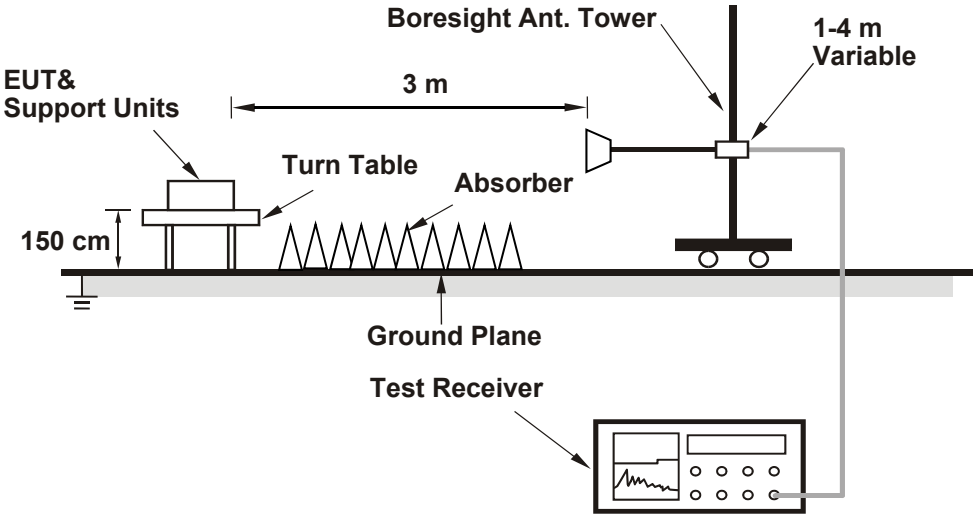
Note:

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

6.2 Radiated Spurious Emissions above 1GHz

6.2.1 Test Setup

For radiated emission above 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 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:	22°C, 70% RH	Tested By:	James Yang

7.1.1 LTE Band 2

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
Band 2	1.4MHz	QPSK	18607	1RB#0	23.77	**28.37**
Band 2	1.4MHz	QPSK	18607	1RB#2	23.74	28.34
Band 2	1.4MHz	QPSK	18607	1RB#5	23.71	28.31
Band 2	1.4MHz	QPSK	18607	6RB#0	22.72	27.32
Band 2	1.4MHz	QPSK	18900	1RB#0	23.75	28.35
Band 2	1.4MHz	QPSK	18900	1RB#2	23.75	28.35
Band 2	1.4MHz	QPSK	18900	1RB#5	23.73	28.33
Band 2	1.4MHz	QPSK	18900	6RB#0	22.81	27.41
Band 2	1.4MHz	QPSK	19193	1RB#0	23.69	28.29
Band 2	1.4MHz	QPSK	19193	1RB#2	23.71	28.31
Band 2	1.4MHz	QPSK	19193	1RB#5	23.71	28.31
Band 2	1.4MHz	QPSK	19193	6RB#0	22.80	27.40
Band 2	1.4MHz	16QAM	18607	1RB#0	22.96	**27.56**
Band 2	1.4MHz	16QAM	18607	1RB#2	22.94	27.54
Band 2	1.4MHz	16QAM	18607	1RB#5	22.81	27.41
Band 2	1.4MHz	16QAM	18607	6RB#0	21.75	26.35
Band 2	1.4MHz	16QAM	18900	1RB#0	22.88	27.48
Band 2	1.4MHz	16QAM	18900	1RB#2	22.89	27.49
Band 2	1.4MHz	16QAM	18900	1RB#5	22.92	27.52
Band 2	1.4MHz	16QAM	18900	6RB#0	21.80	26.40
Band 2	1.4MHz	16QAM	19193	1RB#0	22.87	27.47
Band 2	1.4MHz	16QAM	19193	1RB#2	22.89	27.49
Band 2	1.4MHz	16QAM	19193	1RB#5	22.89	27.49
Band 2	1.4MHz	16QAM	19193	6RB#0	21.76	26.36

Note:
1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
Band 2	1.4MHz	64QAM	18607	1RB#0	21.82	26.42
Band 2	1.4MHz	64QAM	18607	1RB#2	21.90	26.50
Band 2	1.4MHz	64QAM	18607	1RB#5	21.90	26.50
Band 2	1.4MHz	64QAM	18607	6RB#0	20.66	25.26
Band 2	1.4MHz	64QAM	18900	1RB#0	21.96	26.56
Band 2	1.4MHz	64QAM	18900	1RB#2	21.98	**26.58**
Band 2	1.4MHz	64QAM	18900	1RB#5	21.97	26.57
Band 2	1.4MHz	64QAM	18900	6RB#0	20.74	25.34
Band 2	1.4MHz	64QAM	19193	1RB#0	21.91	26.51
Band 2	1.4MHz	64QAM	19193	1RB#2	21.88	26.48
Band 2	1.4MHz	64QAM	19193	1RB#5	21.86	26.46
Band 2	1.4MHz	64QAM	19193	6RB#0	20.72	25.32
Band 2	1.4MHz	256QAM	18607	1RB#0	18.52	23.12
Band 2	1.4MHz	256QAM	18607	1RB#2	18.80	23.40
Band 2	1.4MHz	256QAM	18607	1RB#5	18.86	23.46
Band 2	1.4MHz	256QAM	18607	6RB#0	18.62	23.22
Band 2	1.4MHz	256QAM	18900	1RB#0	18.49	23.09
Band 2	1.4MHz	256QAM	18900	1RB#2	18.82	23.42
Band 2	1.4MHz	256QAM	18900	1RB#5	18.87	23.47
Band 2	1.4MHz	256QAM	18900	6RB#0	18.73	23.33
Band 2	1.4MHz	256QAM	19193	1RB#0	19.52	**24.12**
Band 2	1.4MHz	256QAM	19193	1RB#2	18.82	23.42
Band 2	1.4MHz	256QAM	19193	1RB#5	18.79	23.39
Band 2	1.4MHz	256QAM	19193	6RB#0	18.70	23.30

Note:
1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
Band 2	3MHz	QPSK	18615	1RB#0	23.72	28.32
Band 2	3MHz	QPSK	18615	1RB#8	23.71	28.31
Band 2	3MHz	QPSK	18615	1RB#14	23.72	28.32
Band 2	3MHz	QPSK	18615	15RB#0	22.47	27.07
Band 2	3MHz	QPSK	18900	1RB#0	23.76	28.36
Band 2	3MHz	QPSK	18900	1RB#8	23.79	**28.39**
Band 2	3MHz	QPSK	18900	1RB#14	23.77	28.37
Band 2	3MHz	QPSK	18900	15RB#0	22.82	27.42
Band 2	3MHz	QPSK	19185	1RB#0	23.77	28.37
Band 2	3MHz	QPSK	19185	1RB#8	23.68	28.28
Band 2	3MHz	QPSK	19185	1RB#14	23.73	28.33
Band 2	3MHz	QPSK	19185	15RB#0	22.58	27.18
Band 2	3MHz	16QAM	18615	1RB#0	22.88	27.48
Band 2	3MHz	16QAM	18615	1RB#8	22.89	27.49
Band 2	3MHz	16QAM	18615	1RB#14	22.86	27.46
Band 2	3MHz	16QAM	18615	15RB#0	21.79	26.39
Band 2	3MHz	16QAM	18900	1RB#0	22.94	**27.54**
Band 2	3MHz	16QAM	18900	1RB#8	22.88	27.48
Band 2	3MHz	16QAM	18900	1RB#14	22.90	27.50
Band 2	3MHz	16QAM	18900	15RB#0	21.79	26.39
Band 2	3MHz	16QAM	19185	1RB#0	22.85	27.45
Band 2	3MHz	16QAM	19185	1RB#8	22.92	27.52
Band 2	3MHz	16QAM	19185	1RB#14	22.87	27.47
Band 2	3MHz	16QAM	19185	15RB#0	21.73	26.33
Band 2	3MHz	64QAM	18615	1RB#0	21.93	26.53
Band 2	3MHz	64QAM	18615	1RB#8	21.85	26.45
Band 2	3MHz	64QAM	18615	1RB#14	21.94	26.54
Band 2	3MHz	64QAM	18615	15RB#0	20.76	25.36
Band 2	3MHz	64QAM	18900	1RB#0	21.97	26.57
Band 2	3MHz	64QAM	18900	1RB#8	22.00	**26.60**
Band 2	3MHz	64QAM	18900	1RB#14	21.97	26.57
Band 2	3MHz	64QAM	18900	15RB#0	20.77	25.37
Band 2	3MHz	64QAM	19185	1RB#0	21.90	26.50
Band 2	3MHz	64QAM	19185	1RB#8	21.95	26.55
Band 2	3MHz	64QAM	19185	1RB#14	21.87	26.47
Band 2	3MHz	64QAM	19185	15RB#0	20.73	25.33
Band 2	3MHz	256QAM	18615	1RB#0	18.79	23.39
Band 2	3MHz	256QAM	18615	1RB#8	18.77	23.37
Band 2	3MHz	256QAM	18615	1RB#14	18.80	23.40
Band 2	3MHz	256QAM	18615	15RB#0	18.77	23.37
Band 2	3MHz	256QAM	18900	1RB#0	18.96	**23.56**
Band 2	3MHz	256QAM	18900	1RB#8	18.83	23.43
Band 2	3MHz	256QAM	18900	1RB#14	18.79	23.39
Band 2	3MHz	256QAM	18900	15RB#0	18.74	23.34
Band 2	3MHz	256QAM	19185	1RB#0	18.78	23.38
Band 2	3MHz	256QAM	19185	1RB#8	18.73	23.33
Band 2	3MHz	256QAM	19185	1RB#14	18.73	23.33
Band 2	3MHz	256QAM	19185	15RB#0	18.72	23.32

Note:
1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
Band 2	5MHz	QPSK	18625	1RB#0	23.75	28.35
Band 2	5MHz	QPSK	18625	1RB#12	23.24	27.84
Band 2	5MHz	QPSK	18625	1RB#24	23.58	28.18
Band 2	5MHz	QPSK	18625	25RB#0	22.76	27.36
Band 2	5MHz	QPSK	18900	1RB#0	23.81	28.41
Band 2	5MHz	QPSK	18900	1RB#12	23.86	**28.46**
Band 2	5MHz	QPSK	18900	1RB#24	23.83	28.43
Band 2	5MHz	QPSK	18900	25RB#0	22.80	27.40
Band 2	5MHz	QPSK	19175	1RB#0	23.76	28.36
Band 2	5MHz	QPSK	19175	1RB#12	23.12	27.72
Band 2	5MHz	QPSK	19175	1RB#24	23.79	28.39
Band 2	5MHz	QPSK	19175	25RB#0	22.74	27.34
Band 2	5MHz	16QAM	18625	1RB#0	22.92	27.52
Band 2	5MHz	16QAM	18625	1RB#12	22.85	27.45
Band 2	5MHz	16QAM	18625	1RB#24	22.92	27.52
Band 2	5MHz	16QAM	18625	25RB#0	21.72	26.32
Band 2	5MHz	16QAM	18900	1RB#0	22.95	27.55
Band 2	5MHz	16QAM	18900	1RB#12	22.97	**27.57**
Band 2	5MHz	16QAM	18900	1RB#24	22.91	27.51
Band 2	5MHz	16QAM	18900	25RB#0	21.77	26.37
Band 2	5MHz	16QAM	19175	1RB#0	22.89	27.49
Band 2	5MHz	16QAM	19175	1RB#12	22.92	27.52
Band 2	5MHz	16QAM	19175	1RB#24	22.88	27.48
Band 2	5MHz	16QAM	19175	25RB#0	21.71	26.31
Band 2	5MHz	64QAM	18625	1RB#0	21.90	26.50
Band 2	5MHz	64QAM	18625	1RB#12	21.95	26.55
Band 2	5MHz	64QAM	18625	1RB#24	21.97	26.57
Band 2	5MHz	64QAM	18625	25RB#0	20.71	25.31
Band 2	5MHz	64QAM	18900	1RB#0	21.94	26.54
Band 2	5MHz	64QAM	18900	1RB#12	21.99	26.59
Band 2	5MHz	64QAM	18900	1RB#24	22.04	**26.64**
Band 2	5MHz	64QAM	18900	25RB#0	20.77	25.37
Band 2	5MHz	64QAM	19175	1RB#0	21.84	26.44
Band 2	5MHz	64QAM	19175	1RB#12	21.97	26.57
Band 2	5MHz	64QAM	19175	1RB#24	21.83	26.43
Band 2	5MHz	64QAM	19175	25RB#0	20.69	25.29
Band 2	5MHz	256QAM	18625	1RB#0	18.82	23.42
Band 2	5MHz	256QAM	18625	1RB#12	18.85	23.45
Band 2	5MHz	256QAM	18625	1RB#24	18.88	23.48
Band 2	5MHz	256QAM	18625	25RB#0	18.69	23.29
Band 2	5MHz	256QAM	18900	1RB#0	18.52	23.12
Band 2	5MHz	256QAM	18900	1RB#12	18.83	23.43
Band 2	5MHz	256QAM	18900	1RB#24	18.92	**23.52**
Band 2	5MHz	256QAM	18900	25RB#0	18.76	23.36
Band 2	5MHz	256QAM	19175	1RB#0	18.69	23.29
Band 2	5MHz	256QAM	19175	1RB#12	18.80	23.40
Band 2	5MHz	256QAM	19175	1RB#24	18.81	23.41
Band 2	5MHz	256QAM	19175	25RB#0	18.68	23.28

Note:
1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
Band 2	10MHz	QPSK	18650	1RB#0	23.71	28.31
Band 2	10MHz	QPSK	18650	1RB#24	23.74	28.34
Band 2	10MHz	QPSK	18650	1RB#49	23.80	28.40
Band 2	10MHz	QPSK	18650	50RB#0	22.80	27.40
Band 2	10MHz	QPSK	18900	1RB#0	23.73	28.33
Band 2	10MHz	QPSK	18900	1RB#24	23.78	28.38
Band 2	10MHz	QPSK	18900	1RB#49	23.82	**28.42**
Band 2	10MHz	QPSK	18900	50RB#0	22.80	27.40
Band 2	10MHz	QPSK	19150	1RB#0	23.72	28.32
Band 2	10MHz	QPSK	19150	1RB#24	23.73	28.33
Band 2	10MHz	QPSK	19150	1RB#49	23.75	28.35
Band 2	10MHz	QPSK	19150	50RB#0	22.77	27.37
Band 2	10MHz	16QAM	18650	1RB#0	22.89	27.49
Band 2	10MHz	16QAM	18650	1RB#24	22.91	27.51
Band 2	10MHz	16QAM	18650	1RB#49	22.92	27.52
Band 2	10MHz	16QAM	18650	50RB#0	21.79	26.39
Band 2	10MHz	16QAM	18900	1RB#0	22.93	27.53
Band 2	10MHz	16QAM	18900	1RB#24	22.96	27.56
Band 2	10MHz	16QAM	18900	1RB#49	22.98	**27.58**
Band 2	10MHz	16QAM	18900	50RB#0	21.76	26.36
Band 2	10MHz	16QAM	19150	1RB#0	22.91	27.51
Band 2	10MHz	16QAM	19150	1RB#24	22.87	27.47
Band 2	10MHz	16QAM	19150	1RB#49	22.89	27.49
Band 2	10MHz	16QAM	19150	50RB#0	21.76	26.36
Band 2	10MHz	64QAM	18650	1RB#0	21.92	26.52
Band 2	10MHz	64QAM	18650	1RB#24	21.89	26.49
Band 2	10MHz	64QAM	18650	1RB#49	21.97	26.57
Band 2	10MHz	64QAM	18650	50RB#0	20.73	25.33
Band 2	10MHz	64QAM	18900	1RB#0	21.94	26.54
Band 2	10MHz	64QAM	18900	1RB#24	21.97	26.57
Band 2	10MHz	64QAM	18900	1RB#49	21.99	**26.59**
Band 2	10MHz	64QAM	18900	50RB#0	20.74	25.34
Band 2	10MHz	64QAM	19150	1RB#0	21.90	26.50
Band 2	10MHz	64QAM	19150	1RB#24	21.87	26.47
Band 2	10MHz	64QAM	19150	1RB#49	21.94	26.54
Band 2	10MHz	64QAM	19150	50RB#0	20.73	25.33
Band 2	10MHz	256QAM	18650	1RB#0	18.79	23.39
Band 2	10MHz	256QAM	18650	1RB#24	18.81	23.41
Band 2	10MHz	256QAM	18650	1RB#49	18.81	23.41
Band 2	10MHz	256QAM	18650	50RB#0	18.75	23.35
Band 2	10MHz	256QAM	18900	1RB#0	18.54	23.14
Band 2	10MHz	256QAM	18900	1RB#24	18.83	23.43
Band 2	10MHz	256QAM	18900	1RB#49	18.87	**23.47**
Band 2	10MHz	256QAM	18900	50RB#0	18.71	23.31
Band 2	10MHz	256QAM	19150	1RB#0	18.74	23.34
Band 2	10MHz	256QAM	19150	1RB#24	18.79	23.39
Band 2	10MHz	256QAM	19150	1RB#49	18.86	23.46
Band 2	10MHz	256QAM	19150	50RB#0	18.69	23.29

Note:
1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
Band 2	15MHz	QPSK	18675	1RB#0	23.65	28.25
Band 2	15MHz	QPSK	18675	1RB#38	23.73	28.33
Band 2	15MHz	QPSK	18675	1RB#74	23.75	28.35
Band 2	15MHz	QPSK	18675	75RB#0	22.78	27.38
Band 2	15MHz	QPSK	18900	1RB#0	23.70	28.30
Band 2	15MHz	QPSK	18900	1RB#38	23.76	28.36
Band 2	15MHz	QPSK	18900	1RB#74	23.73	28.33
Band 2	15MHz	QPSK	18900	75RB#0	22.83	27.43
Band 2	15MHz	QPSK	19125	1RB#0	23.79	**28.39**
Band 2	15MHz	QPSK	19125	1RB#38	23.70	28.30
Band 2	15MHz	QPSK	19125	1RB#74	23.72	28.32
Band 2	15MHz	QPSK	19125	75RB#0	22.75	27.35
Band 2	15MHz	16QAM	18675	1RB#0	22.82	27.42
Band 2	15MHz	16QAM	18675	1RB#38	22.89	27.49
Band 2	15MHz	16QAM	18675	1RB#74	22.97	**27.57**
Band 2	15MHz	16QAM	18675	75RB#0	21.73	26.33
Band 2	15MHz	16QAM	18900	1RB#0	22.86	27.46
Band 2	15MHz	16QAM	18900	1RB#38	22.90	27.50
Band 2	15MHz	16QAM	18900	1RB#74	22.91	27.51
Band 2	15MHz	16QAM	18900	75RB#0	21.78	26.38
Band 2	15MHz	16QAM	19125	1RB#0	22.91	27.51
Band 2	15MHz	16QAM	19125	1RB#38	22.90	27.50
Band 2	15MHz	16QAM	19125	1RB#74	22.91	27.51
Band 2	15MHz	16QAM	19125	75RB#0	21.73	26.33
Band 2	15MHz	64QAM	18675	1RB#0	21.91	26.51
Band 2	15MHz	64QAM	18675	1RB#38	21.96	26.56
Band 2	15MHz	64QAM	18675	1RB#74	21.96	26.56
Band 2	15MHz	64QAM	18675	75RB#0	20.74	25.34
Band 2	15MHz	64QAM	18900	1RB#0	21.91	26.51
Band 2	15MHz	64QAM	18900	1RB#38	21.94	26.54
Band 2	15MHz	64QAM	18900	1RB#74	21.90	26.50
Band 2	15MHz	64QAM	18900	75RB#0	20.75	25.35
Band 2	15MHz	64QAM	19125	1RB#0	21.95	26.55
Band 2	15MHz	64QAM	19125	1RB#38	21.83	26.43
Band 2	15MHz	64QAM	19125	1RB#74	21.98	**26.58**
Band 2	15MHz	64QAM	19125	75RB#0	20.73	25.33
Band 2	15MHz	256QAM	18675	1RB#0	18.75	23.35
Band 2	15MHz	256QAM	18675	1RB#38	18.79	23.39
Band 2	15MHz	256QAM	18675	1RB#74	18.81	**23.41**
Band 2	15MHz	256QAM	18675	75RB#0	18.67	23.27
Band 2	15MHz	256QAM	18900	1RB#0	18.33	22.93
Band 2	15MHz	256QAM	18900	1RB#38	18.79	23.39
Band 2	15MHz	256QAM	18900	1RB#74	18.80	23.40
Band 2	15MHz	256QAM	18900	75RB#0	18.70	23.30
Band 2	15MHz	256QAM	19125	1RB#0	18.78	23.38
Band 2	15MHz	256QAM	19125	1RB#38	18.74	23.34
Band 2	15MHz	256QAM	19125	1RB#74	18.75	23.35
Band 2	15MHz	256QAM	19125	75RB#0	18.69	23.29

Note:
1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
Band 2	20MHz	QPSK	18700	1RB#0	23.68	28.28
Band 2	20MHz	QPSK	18700	1RB#49	23.75	28.35
Band 2	20MHz	QPSK	18700	1RB#99	23.21	27.81
Band 2	20MHz	QPSK	18700	100RB#0	22.84	27.44
Band 2	20MHz	QPSK	18900	1RB#0	23.67	28.27
Band 2	20MHz	QPSK	18900	1RB#49	23.02	27.62
Band 2	20MHz	QPSK	18900	1RB#99	23.85	**28.45**
Band 2	20MHz	QPSK	18900	100RB#0	22.80	27.40
Band 2	20MHz	QPSK	19100	1RB#0	23.69	28.29
Band 2	20MHz	QPSK	19100	1RB#49	23.77	28.37
Band 2	20MHz	QPSK	19100	1RB#99	23.73	28.33
Band 2	20MHz	QPSK	19100	100RB#0	22.81	27.41
Band 2	20MHz	16QAM	18700	1RB#0	22.83	27.43
Band 2	20MHz	16QAM	18700	1RB#49	22.99	**27.59**
Band 2	20MHz	16QAM	18700	1RB#99	22.93	27.53
Band 2	20MHz	16QAM	18700	100RB#0	21.78	26.38
Band 2	20MHz	16QAM	18900	1RB#0	22.85	27.45
Band 2	20MHz	16QAM	18900	1RB#49	22.90	27.50
Band 2	20MHz	16QAM	18900	1RB#99	22.94	27.54
Band 2	20MHz	16QAM	18900	100RB#0	21.77	26.37
Band 2	20MHz	16QAM	19100	1RB#0	22.83	27.43
Band 2	20MHz	16QAM	19100	1RB#49	22.93	27.53
Band 2	20MHz	16QAM	19100	1RB#99	22.90	27.50
Band 2	20MHz	16QAM	19100	100RB#0	21.78	26.38
Band 2	20MHz	64QAM	18700	1RB#0	21.88	26.48
Band 2	20MHz	64QAM	18700	1RB#49	21.93	26.53
Band 2	20MHz	64QAM	18700	1RB#99	21.95	26.55
Band 2	20MHz	64QAM	18700	100RB#0	20.76	25.36
Band 2	20MHz	64QAM	18900	1RB#0	21.86	26.46
Band 2	20MHz	64QAM	18900	1RB#49	22.01	**26.61**
Band 2	20MHz	64QAM	18900	1RB#99	21.95	26.55
Band 2	20MHz	64QAM	18900	100RB#0	20.77	25.37
Band 2	20MHz	64QAM	19100	1RB#0	21.86	26.46
Band 2	20MHz	64QAM	19100	1RB#49	21.95	26.55
Band 2	20MHz	64QAM	19100	1RB#99	21.94	26.54
Band 2	20MHz	64QAM	19100	100RB#0	20.76	25.36
Band 2	20MHz	256QAM	18700	1RB#0	18.71	23.31
Band 2	20MHz	256QAM	18700	1RB#49	18.78	23.38
Band 2	20MHz	256QAM	18700	1RB#99	18.82	23.42
Band 2	20MHz	256QAM	18700	100RB#0	18.76	23.36
Band 2	20MHz	256QAM	18900	1RB#0	18.87	**23.47**
Band 2	20MHz	256QAM	18900	1RB#49	18.82	23.42
Band 2	20MHz	256QAM	18900	1RB#99	18.86	23.46
Band 2	20MHz	256QAM	18900	100RB#0	18.74	23.34
Band 2	20MHz	256QAM	19100	1RB#0	18.65	23.25
Band 2	20MHz	256QAM	19100	1RB#49	18.78	23.38
Band 2	20MHz	256QAM	19100	1RB#99	18.78	23.38
Band 2	20MHz	256QAM	19100	100RB#0	18.71	23.31

Note:
1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

7.1.2 LTE Band 4

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
Band 4	1.4MHz	QPSK	19957	1RB#0	23.41	28.01
Band 4	1.4MHz	QPSK	19957	1RB#2	23.41	28.01
Band 4	1.4MHz	QPSK	19957	1RB#5	23.40	28.00
Band 4	1.4MHz	QPSK	19957	6RB#0	22.43	27.03
Band 4	1.4MHz	QPSK	20175	1RB#0	23.52	28.12
Band 4	1.4MHz	QPSK	20175	1RB#2	23.61	28.21
Band 4	1.4MHz	QPSK	20175	1RB#5	23.55	28.15
Band 4	1.4MHz	QPSK	20175	6RB#0	22.59	27.19
Band 4	1.4MHz	QPSK	20393	1RB#0	23.63	28.23
Band 4	1.4MHz	QPSK	20393	1RB#2	23.66	**28.26**
Band 4	1.4MHz	QPSK	20393	1RB#5	23.63	28.23
Band 4	1.4MHz	QPSK	20393	6RB#0	22.69	27.29
Band 4	1.4MHz	16QAM	19957	1RB#0	22.54	27.14
Band 4	1.4MHz	16QAM	19957	1RB#2	22.63	27.23
Band 4	1.4MHz	16QAM	19957	1RB#5	22.55	27.15
Band 4	1.4MHz	16QAM	19957	6RB#0	21.43	26.03
Band 4	1.4MHz	16QAM	20175	1RB#0	22.69	27.29
Band 4	1.4MHz	16QAM	20175	1RB#2	22.78	27.38
Band 4	1.4MHz	16QAM	20175	1RB#5	22.68	27.28
Band 4	1.4MHz	16QAM	20175	6RB#0	21.54	26.14
Band 4	1.4MHz	16QAM	20393	1RB#0	22.78	27.38
Band 4	1.4MHz	16QAM	20393	1RB#2	22.86	**27.46**
Band 4	1.4MHz	16QAM	20393	1RB#5	22.79	27.39
Band 4	1.4MHz	16QAM	20393	6RB#0	21.70	26.30
Band 4	1.4MHz	64QAM	19957	1RB#0	21.60	26.20
Band 4	1.4MHz	64QAM	19957	1RB#2	21.62	26.22
Band 4	1.4MHz	64QAM	19957	1RB#5	21.61	26.21
Band 4	1.4MHz	64QAM	19957	6RB#0	20.43	25.03
Band 4	1.4MHz	64QAM	20175	1RB#0	21.75	26.35
Band 4	1.4MHz	64QAM	20175	1RB#2	21.79	26.39
Band 4	1.4MHz	64QAM	20175	1RB#5	21.70	26.30
Band 4	1.4MHz	64QAM	20175	6RB#0	20.49	25.09
Band 4	1.4MHz	64QAM	20393	1RB#0	21.80	26.40
Band 4	1.4MHz	64QAM	20393	1RB#2	21.86	26.46
Band 4	1.4MHz	64QAM	20393	1RB#5	21.87	**26.47**
Band 4	1.4MHz	64QAM	20393	6RB#0	20.68	25.28
Band 4	1.4MHz	256QAM	19957	1RB#0	18.96	**23.56**
Band 4	1.4MHz	256QAM	19957	1RB#2	18.53	23.13
Band 4	1.4MHz	256QAM	19957	1RB#5	18.50	23.10
Band 4	1.4MHz	256QAM	19957	6RB#0	18.40	23.00
Band 4	1.4MHz	256QAM	20175	1RB#0	18.87	23.47
Band 4	1.4MHz	256QAM	20175	1RB#2	18.63	23.23
Band 4	1.4MHz	256QAM	20175	1RB#5	18.60	23.20
Band 4	1.4MHz	256QAM	20175	6RB#0	18.50	23.10
Band 4	1.4MHz	256QAM	20393	1RB#0	18.63	23.23
Band 4	1.4MHz	256QAM	20393	1RB#2	18.75	23.35
Band 4	1.4MHz	256QAM	20393	1RB#5	18.64	23.24
Band 4	1.4MHz	256QAM	20393	6RB#0	18.61	23.21

Note:
1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
Band 4	3MHz	QPSK	19965	1RB#0	23.44	28.04
Band 4	3MHz	QPSK	19965	1RB#8	23.42	28.02
Band 4	3MHz	QPSK	19965	1RB#14	23.44	28.04
Band 4	3MHz	QPSK	19965	15RB#0	22.49	27.09
Band 4	3MHz	QPSK	20175	1RB#0	23.54	28.14
Band 4	3MHz	QPSK	20175	1RB#8	23.55	28.15
Band 4	3MHz	QPSK	20175	1RB#14	23.54	28.14
Band 4	3MHz	QPSK	20175	15RB#0	22.58	27.18
Band 4	3MHz	QPSK	20385	1RB#0	23.55	28.15
Band 4	3MHz	QPSK	20385	1RB#8	23.64	28.24
Band 4	3MHz	QPSK	20385	1RB#14	23.65	**28.25**
Band 4	3MHz	QPSK	20385	15RB#0	22.73	27.33
Band 4	3MHz	16QAM	19965	1RB#0	22.59	27.19
Band 4	3MHz	16QAM	19965	1RB#8	22.55	27.15
Band 4	3MHz	16QAM	19965	1RB#14	22.58	27.18
Band 4	3MHz	16QAM	19965	15RB#0	21.49	26.09
Band 4	3MHz	16QAM	20175	1RB#0	22.66	27.26
Band 4	3MHz	16QAM	20175	1RB#8	22.71	27.31
Band 4	3MHz	16QAM	20175	1RB#14	22.66	27.26
Band 4	3MHz	16QAM	20175	15RB#0	21.55	26.15
Band 4	3MHz	16QAM	20385	1RB#0	22.79	**27.39**
Band 4	3MHz	16QAM	20385	1RB#8	22.75	27.35
Band 4	3MHz	16QAM	20385	1RB#14	22.77	27.37
Band 4	3MHz	16QAM	20385	15RB#0	21.68	26.28
Band 4	3MHz	64QAM	19965	1RB#0	21.61	26.21
Band 4	3MHz	64QAM	19965	1RB#8	21.57	26.17
Band 4	3MHz	64QAM	19965	1RB#14	21.65	26.25
Band 4	3MHz	64QAM	19965	15RB#0	20.46	25.06
Band 4	3MHz	64QAM	20175	1RB#0	21.63	26.23
Band 4	3MHz	64QAM	20175	1RB#8	21.80	26.40
Band 4	3MHz	64QAM	20175	1RB#14	21.74	26.34
Band 4	3MHz	64QAM	20175	15RB#0	20.52	25.12
Band 4	3MHz	64QAM	20385	1RB#0	21.83	26.43
Band 4	3MHz	64QAM	20385	1RB#8	21.90	**26.50**
Band 4	3MHz	64QAM	20385	1RB#14	21.80	26.40
Band 4	3MHz	64QAM	20385	15RB#0	20.71	25.31
Band 4	3MHz	256QAM	19965	1RB#0	18.50	23.10
Band 4	3MHz	256QAM	19965	1RB#8	18.46	23.06
Band 4	3MHz	256QAM	19965	1RB#14	18.51	23.11
Band 4	3MHz	256QAM	19965	15RB#0	18.47	23.07
Band 4	3MHz	256QAM	20175	1RB#0	18.54	23.14
Band 4	3MHz	256QAM	20175	1RB#8	18.63	23.23
Band 4	3MHz	256QAM	20175	1RB#14	18.67	23.27
Band 4	3MHz	256QAM	20175	15RB#0	18.54	23.14
Band 4	3MHz	256QAM	20385	1RB#0	19.21	**23.81**
Band 4	3MHz	256QAM	20385	1RB#8	18.68	23.28
Band 4	3MHz	256QAM	20385	1RB#14	18.73	23.33
Band 4	3MHz	256QAM	20385	15RB#0	18.68	23.28

Note:
1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
Band 4	5MHz	QPSK	19975	1RB#0	23.47	28.07
Band 4	5MHz	QPSK	19975	1RB#12	23.49	28.09
Band 4	5MHz	QPSK	19975	1RB#24	23.56	28.16
Band 4	5MHz	QPSK	19975	25RB#0	22.51	27.11
Band 4	5MHz	QPSK	20175	1RB#0	23.59	28.19
Band 4	5MHz	QPSK	20175	1RB#12	23.60	28.20
Band 4	5MHz	QPSK	20175	1RB#24	23.62	28.22
Band 4	5MHz	QPSK	20175	25RB#0	22.62	27.22
Band 4	5MHz	QPSK	20375	1RB#0	23.65	28.25
Band 4	5MHz	QPSK	20375	1RB#12	23.69	28.29
Band 4	5MHz	QPSK	20375	1RB#24	23.73	**28.33**
Band 4	5MHz	QPSK	20375	25RB#0	22.73	27.33
Band 4	5MHz	16QAM	19975	1RB#0	22.63	27.23
Band 4	5MHz	16QAM	19975	1RB#12	22.58	27.18
Band 4	5MHz	16QAM	19975	1RB#24	22.60	27.20
Band 4	5MHz	16QAM	19975	25RB#0	21.45	26.05
Band 4	5MHz	16QAM	20175	1RB#0	22.75	27.35
Band 4	5MHz	16QAM	20175	1RB#12	22.72	27.32
Band 4	5MHz	16QAM	20175	1RB#24	22.81	27.41
Band 4	5MHz	16QAM	20175	25RB#0	21.53	26.13
Band 4	5MHz	16QAM	20375	1RB#0	22.79	27.39
Band 4	5MHz	16QAM	20375	1RB#12	22.83	27.43
Band 4	5MHz	16QAM	20375	1RB#24	22.87	**27.47**
Band 4	5MHz	16QAM	20375	25RB#0	21.69	26.29
Band 4	5MHz	64QAM	19975	1RB#0	21.55	26.15
Band 4	5MHz	64QAM	19975	1RB#12	21.63	26.23
Band 4	5MHz	64QAM	19975	1RB#24	21.59	26.19
Band 4	5MHz	64QAM	19975	25RB#0	20.44	25.04
Band 4	5MHz	64QAM	20175	1RB#0	21.74	26.34
Band 4	5MHz	64QAM	20175	1RB#12	21.79	26.39
Band 4	5MHz	64QAM	20175	1RB#24	21.80	26.40
Band 4	5MHz	64QAM	20175	25RB#0	20.52	25.12
Band 4	5MHz	64QAM	20375	1RB#0	21.83	26.43
Band 4	5MHz	64QAM	20375	1RB#12	21.87	**26.47**
Band 4	5MHz	64QAM	20375	1RB#24	21.86	26.46
Band 4	5MHz	64QAM	20375	25RB#0	20.70	25.30
Band 4	5MHz	256QAM	19975	1RB#0	18.53	23.13
Band 4	5MHz	256QAM	19975	1RB#12	18.54	23.14
Band 4	5MHz	256QAM	19975	1RB#24	18.49	23.09
Band 4	5MHz	256QAM	19975	25RB#0	18.43	23.03
Band 4	5MHz	256QAM	20175	1RB#0	19.14	**23.74**
Band 4	5MHz	256QAM	20175	1RB#12	18.59	23.19
Band 4	5MHz	256QAM	20175	1RB#24	18.72	23.32
Band 4	5MHz	256QAM	20175	25RB#0	18.55	23.15
Band 4	5MHz	256QAM	20375	1RB#0	18.52	23.12
Band 4	5MHz	256QAM	20375	1RB#12	18.75	23.35
Band 4	5MHz	256QAM	20375	1RB#24	18.76	23.36
Band 4	5MHz	256QAM	20375	25RB#0	18.65	23.25

Note:
1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
Band 4	10MHz	QPSK	20000	1RB#0	23.44	28.04
Band 4	10MHz	QPSK	20000	1RB#24	23.47	28.07
Band 4	10MHz	QPSK	20000	1RB#49	23.51	28.11
Band 4	10MHz	QPSK	20000	50RB#0	22.48	27.08
Band 4	10MHz	QPSK	20175	1RB#0	23.52	28.12
Band 4	10MHz	QPSK	20175	1RB#24	23.61	28.21
Band 4	10MHz	QPSK	20175	1RB#49	23.68	28.28
Band 4	10MHz	QPSK	20175	50RB#0	22.60	27.20
Band 4	10MHz	QPSK	20350	1RB#0	23.57	28.17
Band 4	10MHz	QPSK	20350	1RB#24	23.85	**28.45**
Band 4	10MHz	QPSK	20350	1RB#49	23.69	28.29
Band 4	10MHz	QPSK	20350	50RB#0	22.67	27.27
Band 4	10MHz	16QAM	20000	1RB#0	22.58	27.18
Band 4	10MHz	16QAM	20000	1RB#24	22.64	27.24
Band 4	10MHz	16QAM	20000	1RB#49	22.63	27.23
Band 4	10MHz	16QAM	20000	50RB#0	21.47	26.07
Band 4	10MHz	16QAM	20175	1RB#0	22.70	27.30
Band 4	10MHz	16QAM	20175	1RB#24	22.73	27.33
Band 4	10MHz	16QAM	20175	1RB#49	22.78	27.38
Band 4	10MHz	16QAM	20175	50RB#0	21.58	26.18
Band 4	10MHz	16QAM	20350	1RB#0	22.72	27.32
Band 4	10MHz	16QAM	20350	1RB#24	22.75	27.35
Band 4	10MHz	16QAM	20350	1RB#49	22.85	**27.45**
Band 4	10MHz	16QAM	20350	50RB#0	21.66	26.26
Band 4	10MHz	64QAM	20000	1RB#0	21.63	26.23
Band 4	10MHz	64QAM	20000	1RB#24	21.63	26.23
Band 4	10MHz	64QAM	20000	1RB#49	21.66	26.26
Band 4	10MHz	64QAM	20000	50RB#0	20.43	25.03
Band 4	10MHz	64QAM	20175	1RB#0	21.74	26.34
Band 4	10MHz	64QAM	20175	1RB#24	21.76	26.36
Band 4	10MHz	64QAM	20175	1RB#49	21.82	26.42
Band 4	10MHz	64QAM	20175	50RB#0	20.53	25.13
Band 4	10MHz	64QAM	20350	1RB#0	21.76	26.36
Band 4	10MHz	64QAM	20350	1RB#24	21.82	26.42
Band 4	10MHz	64QAM	20350	1RB#49	21.95	**26.55**
Band 4	10MHz	64QAM	20350	50RB#0	20.65	25.25
Band 4	10MHz	256QAM	20000	1RB#0	18.48	23.08
Band 4	10MHz	256QAM	20000	1RB#24	18.55	23.15
Band 4	10MHz	256QAM	20000	1RB#49	18.59	23.19
Band 4	10MHz	256QAM	20000	50RB#0	18.44	23.04
Band 4	10MHz	256QAM	20175	1RB#0	18.69	23.29
Band 4	10MHz	256QAM	20175	1RB#24	18.61	23.21
Band 4	10MHz	256QAM	20175	1RB#49	18.71	23.31
Band 4	10MHz	256QAM	20175	50RB#0	18.55	23.15
Band 4	10MHz	256QAM	20350	1RB#0	18.41	23.01
Band 4	10MHz	256QAM	20350	1RB#24	18.68	23.28
Band 4	10MHz	256QAM	20350	1RB#49	18.77	**23.37**
Band 4	10MHz	256QAM	20350	50RB#0	18.58	23.18

Note:
1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
Band 4	15MHz	QPSK	20025	1RB#0	23.39	27.99
Band 4	15MHz	QPSK	20025	1RB#38	23.45	28.05
Band 4	15MHz	QPSK	20025	1RB#74	23.51	28.11
Band 4	15MHz	QPSK	20025	75RB#0	22.50	27.10
Band 4	15MHz	QPSK	20175	1RB#0	23.47	28.07
Band 4	15MHz	QPSK	20175	1RB#38	23.61	28.21
Band 4	15MHz	QPSK	20175	1RB#74	23.52	28.12
Band 4	15MHz	QPSK	20175	75RB#0	22.63	27.23
Band 4	15MHz	QPSK	20325	1RB#0	23.50	28.10
Band 4	15MHz	QPSK	20325	1RB#38	23.63	28.23
Band 4	15MHz	QPSK	20325	1RB#74	23.70	**28.30**
Band 4	15MHz	QPSK	20325	75RB#0	22.68	27.28
Band 4	15MHz	16QAM	20025	1RB#0	22.50	27.10
Band 4	15MHz	16QAM	20025	1RB#38	22.59	27.19
Band 4	15MHz	16QAM	20025	1RB#74	22.67	27.27
Band 4	15MHz	16QAM	20025	75RB#0	21.46	26.06
Band 4	15MHz	16QAM	20175	1RB#0	22.67	27.27
Band 4	15MHz	16QAM	20175	1RB#38	22.70	27.30
Band 4	15MHz	16QAM	20175	1RB#74	22.79	27.39
Band 4	15MHz	16QAM	20175	75RB#0	21.54	26.14
Band 4	15MHz	16QAM	20325	1RB#0	22.71	27.31
Band 4	15MHz	16QAM	20325	1RB#38	22.77	27.37
Band 4	15MHz	16QAM	20325	1RB#74	22.90	**27.50**
Band 4	15MHz	16QAM	20325	75RB#0	21.67	26.27
Band 4	15MHz	64QAM	20025	1RB#0	21.52	26.12
Band 4	15MHz	64QAM	20025	1RB#38	21.66	26.26
Band 4	15MHz	64QAM	20025	1RB#74	21.66	26.26
Band 4	15MHz	64QAM	20025	75RB#0	20.44	25.04
Band 4	15MHz	64QAM	20175	1RB#0	21.67	26.27
Band 4	15MHz	64QAM	20175	1RB#38	21.75	26.35
Band 4	15MHz	64QAM	20175	1RB#74	21.73	26.33
Band 4	15MHz	64QAM	20175	75RB#0	20.51	25.11
Band 4	15MHz	64QAM	20325	1RB#0	21.73	26.33
Band 4	15MHz	64QAM	20325	1RB#38	21.84	26.44
Band 4	15MHz	64QAM	20325	1RB#74	21.94	**26.54**
Band 4	15MHz	64QAM	20325	75RB#0	20.60	25.20
Band 4	15MHz	256QAM	20025	1RB#0	18.44	23.04
Band 4	15MHz	256QAM	20025	1RB#38	18.51	23.11
Band 4	15MHz	256QAM	20025	1RB#74	18.62	23.22
Band 4	15MHz	256QAM	20025	75RB#0	18.42	23.02
Band 4	15MHz	256QAM	20175	1RB#0	18.45	23.05
Band 4	15MHz	256QAM	20175	1RB#38	18.64	23.24
Band 4	15MHz	256QAM	20175	1RB#74	18.65	23.25
Band 4	15MHz	256QAM	20175	75RB#0	18.54	23.14
Band 4	15MHz	256QAM	20325	1RB#0	18.63	23.23
Band 4	15MHz	256QAM	20325	1RB#38	18.75	23.35
Band 4	15MHz	256QAM	20325	1RB#74	18.77	**23.37**
Band 4	15MHz	256QAM	20325	75RB#0	18.64	23.24

Note:
1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
Band 4	20MHz	QPSK	20050	1RB#0	23.37	27.97
Band 4	20MHz	QPSK	20050	1RB#49	23.47	28.07
Band 4	20MHz	QPSK	20050	1RB#99	23.59	28.19
Band 4	20MHz	QPSK	20050	100RB#0	22.60	27.20
Band 4	20MHz	QPSK	20175	1RB#0	23.43	28.03
Band 4	20MHz	QPSK	20175	1RB#49	23.58	28.18
Band 4	20MHz	QPSK	20175	1RB#99	23.64	28.24
Band 4	20MHz	QPSK	20175	100RB#0	22.68	27.28
Band 4	20MHz	QPSK	20300	1RB#0	23.55	28.15
Band 4	20MHz	QPSK	20300	1RB#49	23.65	28.25
Band 4	20MHz	QPSK	20300	1RB#99	23.75	**28.35**
Band 4	20MHz	QPSK	20300	100RB#0	22.65	27.25
Band 4	20MHz	16QAM	20050	1RB#0	22.50	27.10
Band 4	20MHz	16QAM	20050	1RB#49	22.59	27.19
Band 4	20MHz	16QAM	20050	1RB#99	22.76	27.36
Band 4	20MHz	16QAM	20050	100RB#0	21.52	26.12
Band 4	20MHz	16QAM	20175	1RB#0	22.59	27.19
Band 4	20MHz	16QAM	20175	1RB#49	22.73	27.33
Band 4	20MHz	16QAM	20175	1RB#99	22.80	27.40
Band 4	20MHz	16QAM	20175	100RB#0	21.61	26.21
Band 4	20MHz	16QAM	20300	1RB#0	22.66	27.26
Band 4	20MHz	16QAM	20300	1RB#49	22.81	27.41
Band 4	20MHz	16QAM	20300	1RB#99	22.87	**27.47**
Band 4	20MHz	16QAM	20300	100RB#0	21.59	26.19
Band 4	20MHz	64QAM	20050	1RB#0	21.52	26.12
Band 4	20MHz	64QAM	20050	1RB#49	21.63	26.23
Band 4	20MHz	64QAM	20050	1RB#99	21.73	26.33
Band 4	20MHz	64QAM	20050	100RB#0	20.49	25.09
Band 4	20MHz	64QAM	20175	1RB#0	21.57	26.17
Band 4	20MHz	64QAM	20175	1RB#49	21.75	26.35
Band 4	20MHz	64QAM	20175	1RB#99	21.86	**26.46**
Band 4	20MHz	64QAM	20175	100RB#0	20.58	25.18
Band 4	20MHz	64QAM	20300	1RB#0	21.67	26.27
Band 4	20MHz	64QAM	20300	1RB#49	21.83	26.43
Band 4	20MHz	64QAM	20300	1RB#99	21.84	26.44
Band 4	20MHz	64QAM	20300	100RB#0	20.56	25.16
Band 4	20MHz	256QAM	20050	1RB#0	18.49	23.09
Band 4	20MHz	256QAM	20050	1RB#49	18.56	23.16
Band 4	20MHz	256QAM	20050	1RB#99	18.63	23.23
Band 4	20MHz	256QAM	20050	100RB#0	18.47	23.07
Band 4	20MHz	256QAM	20175	1RB#0	18.58	23.18
Band 4	20MHz	256QAM	20175	1RB#49	18.60	23.20
Band 4	20MHz	256QAM	20175	1RB#99	18.71	23.31
Band 4	20MHz	256QAM	20175	100RB#0	18.59	23.19
Band 4	20MHz	256QAM	20300	1RB#0	18.96	**23.56**
Band 4	20MHz	256QAM	20300	1RB#49	18.71	23.31
Band 4	20MHz	256QAM	20300	1RB#99	18.79	23.39
Band 4	20MHz	256QAM	20300	100RB#0	18.55	23.15

Note:
1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

7.1.3 LTE Band 5

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	ERP Power (dBm)
Band 5	1.4MHz	QPSK	20407	1RB#0	23.77	23.12
Band 5	1.4MHz	QPSK	20407	1RB#2	23.79	23.14
Band 5	1.4MHz	QPSK	20407	1RB#5	23.80	23.15
Band 5	1.4MHz	QPSK	20407	6RB#0	22.87	22.22
Band 5	1.4MHz	QPSK	20525	1RB#0	23.81	23.16
Band 5	1.4MHz	QPSK	20525	1RB#2	23.81	23.16
Band 5	1.4MHz	QPSK	20525	1RB#5	23.79	23.14
Band 5	1.4MHz	QPSK	20525	6RB#0	22.87	22.22
Band 5	1.4MHz	QPSK	20643	1RB#0	23.69	23.04
Band 5	1.4MHz	QPSK	20643	1RB#2	23.73	23.08
Band 5	1.4MHz	QPSK	20643	1RB#5	23.72	23.07
Band 5	1.4MHz	QPSK	20643	6RB#0	22.78	22.13
Band 5	1.4MHz	16QAM	20407	1RB#0	23.03	22.38
Band 5	1.4MHz	16QAM	20407	1RB#2	23.02	22.37
Band 5	1.4MHz	16QAM	20407	1RB#5	23.04	22.39
Band 5	1.4MHz	16QAM	20407	6RB#0	21.87	21.22
Band 5	1.4MHz	16QAM	20525	1RB#0	23.03	22.38
Band 5	1.4MHz	16QAM	20525	1RB#2	23.01	22.36
Band 5	1.4MHz	16QAM	20525	1RB#5	22.98	22.33
Band 5	1.4MHz	16QAM	20525	6RB#0	21.86	21.21
Band 5	1.4MHz	16QAM	20643	1RB#0	22.92	22.27
Band 5	1.4MHz	16QAM	20643	1RB#2	22.96	22.31
Band 5	1.4MHz	16QAM	20643	1RB#5	22.88	22.23
Band 5	1.4MHz	16QAM	20643	6RB#0	21.74	21.09
Band 5	1.4MHz	64QAM	20407	1RB#0	21.97	21.32
Band 5	1.4MHz	64QAM	20407	1RB#2	22.00	21.35
Band 5	1.4MHz	64QAM	20407	1RB#5	22.00	21.35
Band 5	1.4MHz	64QAM	20407	6RB#0	20.78	20.13
Band 5	1.4MHz	64QAM	20525	1RB#0	22.01	21.36
Band 5	1.4MHz	64QAM	20525	1RB#2	22.08	21.43
Band 5	1.4MHz	64QAM	20525	1RB#5	21.88	21.23
Band 5	1.4MHz	64QAM	20525	6RB#0	20.75	20.1
Band 5	1.4MHz	64QAM	20643	1RB#0	21.90	21.25
Band 5	1.4MHz	64QAM	20643	1RB#2	21.86	21.21
Band 5	1.4MHz	64QAM	20643	1RB#5	21.88	21.23
Band 5	1.4MHz	64QAM	20643	6RB#0	20.69	20.04
Band 5	1.4MHz	256QAM	20407	1RB#0	18.96	18.31
Band 5	1.4MHz	256QAM	20407	1RB#2	18.90	18.25
Band 5	1.4MHz	256QAM	20407	1RB#5	18.89	18.24
Band 5	1.4MHz	256QAM	20407	6RB#0	18.86	18.21
Band 5	1.4MHz	256QAM	20525	1RB#0	18.58	17.93
Band 5	1.4MHz	256QAM	20525	1RB#2	18.96	18.31
Band 5	1.4MHz	256QAM	20525	1RB#5	18.89	18.24
Band 5	1.4MHz	256QAM	20525	6RB#0	18.79	18.14
Band 5	1.4MHz	256QAM	20643	1RB#0	18.63	17.98
Band 5	1.4MHz	256QAM	20643	1RB#2	18.79	18.14
Band 5	1.4MHz	256QAM	20643	1RB#5	18.82	18.17
Band 5	1.4MHz	256QAM	20643	6RB#0	18.72	18.07

Note:

1. The conducted output power was copied from the original module report.
2. ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	ERP Power (dBm)
Band 5	3MHz	QPSK	20415	1RB#0	23.81	23.16
Band 5	3MHz	QPSK	20415	1RB#8	23.82	23.17
Band 5	3MHz	QPSK	20415	1RB#14	23.82	23.17
Band 5	3MHz	QPSK	20415	15RB#0	22.86	22.21
Band 5	3MHz	QPSK	20525	1RB#0	23.87	23.22
Band 5	3MHz	QPSK	20525	1RB#8	23.79	23.14
Band 5	3MHz	QPSK	20525	1RB#14	23.79	23.14
Band 5	3MHz	QPSK	20525	15RB#0	22.86	22.21
Band 5	3MHz	QPSK	20635	1RB#0	23.75	23.1
Band 5	3MHz	QPSK	20635	1RB#8	23.70	23.05
Band 5	3MHz	QPSK	20635	1RB#14	23.70	23.05
Band 5	3MHz	QPSK	20635	15RB#0	22.80	22.15
Band 5	3MHz	16QAM	20415	1RB#0	23.00	22.35
Band 5	3MHz	16QAM	20415	1RB#8	23.05	22.4
Band 5	3MHz	16QAM	20415	1RB#14	23.00	22.35
Band 5	3MHz	16QAM	20415	15RB#0	21.84	21.19
Band 5	3MHz	16QAM	20525	1RB#0	23.02	22.37
Band 5	3MHz	16QAM	20525	1RB#8	22.98	22.33
Band 5	3MHz	16QAM	20525	1RB#14	23.01	22.36
Band 5	3MHz	16QAM	20525	15RB#0	21.84	21.19
Band 5	3MHz	16QAM	20635	1RB#0	22.90	22.25
Band 5	3MHz	16QAM	20635	1RB#8	22.92	22.27
Band 5	3MHz	16QAM	20635	1RB#14	22.87	22.22
Band 5	3MHz	16QAM	20635	15RB#0	21.82	21.17
Band 5	3MHz	64QAM	20415	1RB#0	21.97	21.32
Band 5	3MHz	64QAM	20415	1RB#8	22.03	21.38
Band 5	3MHz	64QAM	20415	1RB#14	22.01	21.36
Band 5	3MHz	64QAM	20415	15RB#0	20.84	20.19
Band 5	3MHz	64QAM	20525	1RB#0	22.01	21.36
Band 5	3MHz	64QAM	20525	1RB#8	21.99	21.34
Band 5	3MHz	64QAM	20525	1RB#14	21.93	21.28
Band 5	3MHz	64QAM	20525	15RB#0	20.86	20.21
Band 5	3MHz	64QAM	20635	1RB#0	21.91	21.26
Band 5	3MHz	64QAM	20635	1RB#8	21.90	21.25
Band 5	3MHz	64QAM	20635	1RB#14	21.90	21.25
Band 5	3MHz	64QAM	20635	15RB#0	20.79	20.14
Band 5	3MHz	256QAM	20415	1RB#0	18.89	18.24
Band 5	3MHz	256QAM	20415	1RB#8	18.92	18.27
Band 5	3MHz	256QAM	20415	1RB#14	18.94	18.29
Band 5	3MHz	256QAM	20415	15RB#0	18.82	18.17
Band 5	3MHz	256QAM	20525	1RB#0	18.58	17.93
Band 5	3MHz	256QAM	20525	1RB#8	18.86	18.21
Band 5	3MHz	256QAM	20525	1RB#14	18.85	18.2
Band 5	3MHz	256QAM	20525	15RB#0	18.83	18.18
Band 5	3MHz	256QAM	20635	1RB#0	18.98	18.33
Band 5	3MHz	256QAM	20635	1RB#8	18.77	18.12
Band 5	3MHz	256QAM	20635	1RB#14	18.79	18.14
Band 5	3MHz	256QAM	20635	15RB#0	18.79	18.14

Note:

1. The conducted output power was copied from the original module report.
2. ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	ERP Power (dBm)
Band 5	5MHz	QPSK	20425	1RB#0	23.87	23.22
Band 5	5MHz	QPSK	20425	1RB#12	23.84	23.19
Band 5	5MHz	QPSK	20425	1RB#24	23.91	23.26
Band 5	5MHz	QPSK	20425	25RB#0	22.89	22.24
Band 5	5MHz	QPSK	20525	1RB#0	23.89	23.24
Band 5	5MHz	QPSK	20525	1RB#12	23.83	23.18
Band 5	5MHz	QPSK	20525	1RB#24	23.83	23.18
Band 5	5MHz	QPSK	20525	25RB#0	22.58	21.93
Band 5	5MHz	QPSK	20625	1RB#0	23.74	23.09
Band 5	5MHz	QPSK	20625	1RB#12	23.78	23.13
Band 5	5MHz	QPSK	20625	1RB#24	23.74	23.09
Band 5	5MHz	QPSK	20625	25RB#0	22.86	22.21
Band 5	5MHz	16QAM	20425	1RB#0	23.00	22.35
Band 5	5MHz	16QAM	20425	1RB#12	23.01	22.36
Band 5	5MHz	16QAM	20425	1RB#24	23.08	22.43
Band 5	5MHz	16QAM	20425	25RB#0	21.80	21.15
Band 5	5MHz	16QAM	20525	1RB#0	23.02	22.37
Band 5	5MHz	16QAM	20525	1RB#12	23.00	22.35
Band 5	5MHz	16QAM	20525	1RB#24	22.97	22.32
Band 5	5MHz	16QAM	20525	25RB#0	21.75	21.1
Band 5	5MHz	16QAM	20625	1RB#0	22.95	22.3
Band 5	5MHz	16QAM	20625	1RB#12	22.92	22.27
Band 5	5MHz	16QAM	20625	1RB#24	22.91	22.26
Band 5	5MHz	16QAM	20625	25RB#0	21.72	21.07
Band 5	5MHz	64QAM	20425	1RB#0	22.00	21.35
Band 5	5MHz	64QAM	20425	1RB#12	22.13	21.48
Band 5	5MHz	64QAM	20425	1RB#24	21.91	21.26
Band 5	5MHz	64QAM	20425	25RB#0	20.79	20.14
Band 5	5MHz	64QAM	20525	1RB#0	22.04	21.39
Band 5	5MHz	64QAM	20525	1RB#12	22.06	21.41
Band 5	5MHz	64QAM	20525	1RB#24	22.00	21.35
Band 5	5MHz	64QAM	20525	25RB#0	20.76	20.11
Band 5	5MHz	64QAM	20625	1RB#0	21.94	21.29
Band 5	5MHz	64QAM	20625	1RB#12	22.02	21.37
Band 5	5MHz	64QAM	20625	1RB#24	21.98	21.33
Band 5	5MHz	64QAM	20625	25RB#0	20.69	20.04
Band 5	5MHz	256QAM	20425	1RB#0	18.94	18.29
Band 5	5MHz	256QAM	20425	1RB#12	18.95	18.3
Band 5	5MHz	256QAM	20425	1RB#24	18.99	18.34
Band 5	5MHz	256QAM	20425	25RB#0	18.78	18.13
Band 5	5MHz	256QAM	20525	1RB#0	18.96	18.31
Band 5	5MHz	256QAM	20525	1RB#12	18.92	18.27
Band 5	5MHz	256QAM	20525	1RB#24	18.92	18.27
Band 5	5MHz	256QAM	20525	25RB#0	18.78	18.13
Band 5	5MHz	256QAM	20625	1RB#0	18.57	17.92
Band 5	5MHz	256QAM	20625	1RB#12	18.90	18.25
Band 5	5MHz	256QAM	20625	1RB#24	18.84	18.19
Band 5	5MHz	256QAM	20625	25RB#0	18.74	18.09

Note:

1. The conducted output power was copied from the original module report.
2. ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	ERP Power (dBm)
Band 5	10MHz	QPSK	20450	1RB#0	23.81	23.16
Band 5	10MHz	QPSK	20450	1RB#24	24.01	23.36
Band 5	10MHz	QPSK	20450	1RB#49	23.84	23.19
Band 5	10MHz	QPSK	20450	50RB#0	22.91	22.26
Band 5	10MHz	QPSK	20525	1RB#0	23.92	23.27
Band 5	10MHz	QPSK	20525	1RB#24	23.91	23.26
Band 5	10MHz	QPSK	20525	1RB#49	23.76	23.11
Band 5	10MHz	QPSK	20525	50RB#0	22.84	22.19
Band 5	10MHz	QPSK	20600	1RB#0	23.79	23.14
Band 5	10MHz	QPSK	20600	1RB#24	23.74	23.09
Band 5	10MHz	QPSK	20600	1RB#49	23.41	22.76
Band 5	10MHz	QPSK	20600	50RB#0	22.82	22.17
Band 5	10MHz	16QAM	20450	1RB#0	23.07	22.42
Band 5	10MHz	16QAM	20450	1RB#24	23.03	22.38
Band 5	10MHz	16QAM	20450	1RB#49	23.01	22.36
Band 5	10MHz	16QAM	20450	50RB#0	21.88	21.23
Band 5	10MHz	16QAM	20525	1RB#0	23.01	22.36
Band 5	10MHz	16QAM	20525	1RB#24	23.02	22.37
Band 5	10MHz	16QAM	20525	1RB#49	22.97	22.32
Band 5	10MHz	16QAM	20525	50RB#0	21.82	21.17
Band 5	10MHz	16QAM	20600	1RB#0	22.98	22.33
Band 5	10MHz	16QAM	20600	1RB#24	22.90	22.25
Band 5	10MHz	16QAM	20600	1RB#49	22.96	22.31
Band 5	10MHz	16QAM	20600	50RB#0	21.80	21.15
Band 5	10MHz	64QAM	20450	1RB#0	22.01	21.36
Band 5	10MHz	64QAM	20450	1RB#24	22.09	21.44
Band 5	10MHz	64QAM	20450	1RB#49	22.00	21.35
Band 5	10MHz	64QAM	20450	50RB#0	20.88	20.23
Band 5	10MHz	64QAM	20525	1RB#0	22.02	21.37
Band 5	10MHz	64QAM	20525	1RB#24	22.02	21.37
Band 5	10MHz	64QAM	20525	1RB#49	21.93	21.28
Band 5	10MHz	64QAM	20525	50RB#0	20.78	20.13
Band 5	10MHz	64QAM	20600	1RB#0	21.98	21.33
Band 5	10MHz	64QAM	20600	1RB#24	21.96	21.31
Band 5	10MHz	64QAM	20600	1RB#49	21.86	21.21
Band 5	10MHz	64QAM	20600	50RB#0	20.76	20.11
Band 5	10MHz	256QAM	20450	1RB#0	18.95	18.3
Band 5	10MHz	256QAM	20450	1RB#24	18.97	18.32
Band 5	10MHz	256QAM	20450	1RB#49	18.97	18.32
Band 5	10MHz	256QAM	20450	50RB#0	18.89	18.24
Band 5	10MHz	256QAM	20525	1RB#0	18.32	17.67
Band 5	10MHz	256QAM	20525	1RB#24	18.95	18.3
Band 5	10MHz	256QAM	20525	1RB#49	18.87	18.22
Band 5	10MHz	256QAM	20525	50RB#0	18.80	18.15
Band 5	10MHz	256QAM	20600	1RB#0	18.41	17.76
Band 5	10MHz	256QAM	20600	1RB#24	18.80	18.15
Band 5	10MHz	256QAM	20600	1RB#49	18.83	18.18
Band 5	10MHz	256QAM	20600	50RB#0	18.79	18.14

Note:

1. The conducted output power was copied from the original module report.
2. ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

7.1.4 LTE Band 12

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	ERP Power (dBm)
Band 12	1.4MHz	QPSK	23017	1RB#0	23.89	23.14
Band 12	1.4MHz	QPSK	23017	1RB#2	23.93	**23.18**
Band 12	1.4MHz	QPSK	23017	1RB#5	23.89	23.14
Band 12	1.4MHz	QPSK	23017	6RB#0	22.97	22.22
Band 12	1.4MHz	QPSK	23095	1RB#0	23.88	23.13
Band 12	1.4MHz	QPSK	23095	1RB#2	23.88	23.13
Band 12	1.4MHz	QPSK	23095	1RB#5	23.88	23.13
Band 12	1.4MHz	QPSK	23095	6RB#0	22.89	22.14
Band 12	1.4MHz	QPSK	23173	1RB#0	23.87	23.12
Band 12	1.4MHz	QPSK	23173	1RB#2	23.84	23.09
Band 12	1.4MHz	QPSK	23173	1RB#5	23.82	23.07
Band 12	1.4MHz	QPSK	23173	6RB#0	22.92	22.17
Band 12	1.4MHz	16QAM	23017	1RB#0	23.04	22.29
Band 12	1.4MHz	16QAM	23017	1RB#2	23.10	**22.35**
Band 12	1.4MHz	16QAM	23017	1RB#5	23.04	22.29
Band 12	1.4MHz	16QAM	23017	6RB#0	21.92	21.17
Band 12	1.4MHz	16QAM	23095	1RB#0	23.08	22.33
Band 12	1.4MHz	16QAM	23095	1RB#2	23.05	22.30
Band 12	1.4MHz	16QAM	23095	1RB#5	22.96	22.21
Band 12	1.4MHz	16QAM	23095	6RB#0	21.87	21.12
Band 12	1.4MHz	16QAM	23173	1RB#0	22.99	22.24
Band 12	1.4MHz	16QAM	23173	1RB#2	22.96	22.21
Band 12	1.4MHz	16QAM	23173	1RB#5	22.96	22.21
Band 12	1.4MHz	16QAM	23173	6RB#0	21.87	21.12
Band 12	1.4MHz	64QAM	23017	1RB#0	22.05	21.30
Band 12	1.4MHz	64QAM	23017	1RB#2	22.11	**21.36**
Band 12	1.4MHz	64QAM	23017	1RB#5	22.04	21.29
Band 12	1.4MHz	64QAM	23017	6RB#0	20.95	20.20
Band 12	1.4MHz	64QAM	23095	1RB#0	22.04	21.29
Band 12	1.4MHz	64QAM	23095	1RB#2	22.11	**21.36**
Band 12	1.4MHz	64QAM	23095	1RB#5	21.95	21.20
Band 12	1.4MHz	64QAM	23095	6RB#0	20.84	20.09
Band 12	1.4MHz	64QAM	23173	1RB#0	22.06	21.31
Band 12	1.4MHz	64QAM	23173	1RB#2	22.05	21.30
Band 12	1.4MHz	64QAM	23173	1RB#5	22.01	21.26
Band 12	1.4MHz	64QAM	23173	6RB#0	20.81	20.06
Band 12	1.4MHz	256QAM	23017	1RB#0	18.85	18.10
Band 12	1.4MHz	256QAM	23017	1RB#2	19.07	18.32
Band 12	1.4MHz	256QAM	23017	1RB#5	18.97	18.22
Band 12	1.4MHz	256QAM	23017	6RB#0	18.89	18.14
Band 12	1.4MHz	256QAM	23095	1RB#0	22.88	**22.13**
Band 12	1.4MHz	256QAM	23095	1RB#2	19.00	18.25
Band 12	1.4MHz	256QAM	23095	1RB#5	18.98	18.23
Band 12	1.4MHz	256QAM	23095	6RB#0	18.84	18.09
Band 12	1.4MHz	256QAM	23173	1RB#0	18.96	18.21
Band 12	1.4MHz	256QAM	23173	1RB#2	19.00	18.25
Band 12	1.4MHz	256QAM	23173	1RB#5	18.99	18.24
Band 12	1.4MHz	256QAM	23173	6RB#0	18.81	18.06

Note:

1. The conducted output power was copied from the original module report.
2. ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	ERP Power (dBm)
Band 12	3MHz	QPSK	23025	1RB#0	23.94	**23.19**
Band 12	3MHz	QPSK	23025	1RB#8	23.94	**23.19**
Band 12	3MHz	QPSK	23025	1RB#14	23.88	23.13
Band 12	3MHz	QPSK	23025	15RB#0	22.97	22.22
Band 12	3MHz	QPSK	23095	1RB#0	23.87	23.12
Band 12	3MHz	QPSK	23095	1RB#8	23.87	23.12
Band 12	3MHz	QPSK	23095	1RB#14	23.86	23.11
Band 12	3MHz	QPSK	23095	15RB#0	22.87	22.12
Band 12	3MHz	QPSK	23165	1RB#0	23.86	23.11
Band 12	3MHz	QPSK	23165	1RB#8	23.87	23.12
Band 12	3MHz	QPSK	23165	1RB#14	23.87	23.12
Band 12	3MHz	QPSK	23165	15RB#0	22.91	22.16
Band 12	3MHz	16QAM	23025	1RB#0	23.05	22.30
Band 12	3MHz	16QAM	23025	1RB#8	23.04	22.29
Band 12	3MHz	16QAM	23025	1RB#14	23.01	22.26
Band 12	3MHz	16QAM	23025	15RB#0	21.94	21.19
Band 12	3MHz	16QAM	23095	1RB#0	23.06	**22.31**
Band 12	3MHz	16QAM	23095	1RB#8	23.04	22.29
Band 12	3MHz	16QAM	23095	1RB#14	22.98	22.23
Band 12	3MHz	16QAM	23095	15RB#0	21.85	21.10
Band 12	3MHz	16QAM	23165	1RB#0	22.94	22.19
Band 12	3MHz	16QAM	23165	1RB#8	23.00	22.25
Band 12	3MHz	16QAM	23165	1RB#14	22.96	22.21
Band 12	3MHz	16QAM	23165	15RB#0	21.90	21.15
Band 12	3MHz	64QAM	23025	1RB#0	22.05	21.30
Band 12	3MHz	64QAM	23025	1RB#8	22.10	**21.35**
Band 12	3MHz	64QAM	23025	1RB#14	22.07	21.32
Band 12	3MHz	64QAM	23025	15RB#0	20.96	20.21
Band 12	3MHz	64QAM	23095	1RB#0	22.04	21.29
Band 12	3MHz	64QAM	23095	1RB#8	22.05	21.30
Band 12	3MHz	64QAM	23095	1RB#14	21.95	21.20
Band 12	3MHz	64QAM	23095	15RB#0	20.86	20.11
Band 12	3MHz	64QAM	23165	1RB#0	21.97	21.22
Band 12	3MHz	64QAM	23165	1RB#8	22.05	21.30
Band 12	3MHz	64QAM	23165	1RB#14	22.01	21.26
Band 12	3MHz	64QAM	23165	15RB#0	20.90	20.15
Band 12	3MHz	256QAM	23025	1RB#0	19.04	18.29
Band 12	3MHz	256QAM	23025	1RB#8	19.05	**18.30**
Band 12	3MHz	256QAM	23025	1RB#14	19.03	18.28
Band 12	3MHz	256QAM	23025	15RB#0	19.00	18.25
Band 12	3MHz	256QAM	23095	1RB#0	18.63	17.88
Band 12	3MHz	256QAM	23095	1RB#8	18.97	18.22
Band 12	3MHz	256QAM	23095	1RB#14	19.04	18.29
Band 12	3MHz	256QAM	23095	15RB#0	18.91	18.16
Band 12	3MHz	256QAM	23165	1RB#0	18.78	18.03
Band 12	3MHz	256QAM	23165	1RB#8	18.97	18.22
Band 12	3MHz	256QAM	23165	1RB#14	19.02	18.27
Band 12	3MHz	256QAM	23165	15RB#0	18.90	18.15

Note:

1. The conducted output power was copied from the original module report.
2. ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	ERP Power (dBm)
Band 12	5MHz	QPSK	23035	1RB#0	23.97	**23.22**
Band 12	5MHz	QPSK	23035	1RB#12	23.94	23.19
Band 12	5MHz	QPSK	23035	1RB#24	23.95	23.20
Band 12	5MHz	QPSK	23035	25RB#0	22.98	22.23
Band 12	5MHz	QPSK	23095	1RB#0	23.85	23.10
Band 12	5MHz	QPSK	23095	1RB#12	23.93	23.18
Band 12	5MHz	QPSK	23095	1RB#24	23.69	22.94
Band 12	5MHz	QPSK	23095	25RB#0	22.86	22.11
Band 12	5MHz	QPSK	23155	1RB#0	23.96	23.21
Band 12	5MHz	QPSK	23155	1RB#12	23.97	**23.22**
Band 12	5MHz	QPSK	23155	1RB#24	23.77	23.02
Band 12	5MHz	QPSK	23155	25RB#0	22.92	22.17
Band 12	5MHz	16QAM	23035	1RB#0	23.13	**22.38**
Band 12	5MHz	16QAM	23035	1RB#12	23.08	22.33
Band 12	5MHz	16QAM	23035	1RB#24	23.03	22.28
Band 12	5MHz	16QAM	23035	25RB#0	21.95	21.20
Band 12	5MHz	16QAM	23095	1RB#0	23.11	22.36
Band 12	5MHz	16QAM	23095	1RB#12	23.06	22.31
Band 12	5MHz	16QAM	23095	1RB#24	23.08	22.33
Band 12	5MHz	16QAM	23095	25RB#0	21.83	21.08
Band 12	5MHz	16QAM	23155	1RB#0	23.07	22.32
Band 12	5MHz	16QAM	23155	1RB#12	22.94	22.19
Band 12	5MHz	16QAM	23155	1RB#24	23.01	22.26
Band 12	5MHz	16QAM	23155	25RB#0	21.85	21.10
Band 12	5MHz	64QAM	23035	1RB#0	22.07	21.32
Band 12	5MHz	64QAM	23035	1RB#12	22.18	**21.43**
Band 12	5MHz	64QAM	23035	1RB#24	22.11	21.36
Band 12	5MHz	64QAM	23035	25RB#0	20.93	20.18
Band 12	5MHz	64QAM	23095	1RB#0	22.08	21.33
Band 12	5MHz	64QAM	23095	1RB#12	22.06	21.31
Band 12	5MHz	64QAM	23095	1RB#24	22.08	21.33
Band 12	5MHz	64QAM	23095	25RB#0	20.79	20.04
Band 12	5MHz	64QAM	23155	1RB#0	22.12	21.37
Band 12	5MHz	64QAM	23155	1RB#12	22.08	21.33
Band 12	5MHz	64QAM	23155	1RB#24	22.04	21.29
Band 12	5MHz	64QAM	23155	25RB#0	20.84	20.09
Band 12	5MHz	256QAM	23035	1RB#0	19.08	**18.33**
Band 12	5MHz	256QAM	23035	1RB#12	19.00	18.25
Band 12	5MHz	256QAM	23035	1RB#24	19.04	18.29
Band 12	5MHz	256QAM	23035	25RB#0	18.97	18.22
Band 12	5MHz	256QAM	23095	1RB#0	18.69	17.94
Band 12	5MHz	256QAM	23095	1RB#12	18.99	18.24
Band 12	5MHz	256QAM	23095	1RB#24	19.02	18.27
Band 12	5MHz	256QAM	23095	25RB#0	18.85	18.10
Band 12	5MHz	256QAM	23155	1RB#0	18.76	18.01
Band 12	5MHz	256QAM	23155	1RB#12	18.94	18.19
Band 12	5MHz	256QAM	23155	1RB#24	19.01	18.26
Band 12	5MHz	256QAM	23155	25RB#0	18.89	18.14

Note:

1. The conducted output power was copied from the original module report.
2. ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	ERP Power (dBm)
Band 12	10MHz	QPSK	23060	1RB#0	23.96	23.21
Band 12	10MHz	QPSK	23060	1RB#24	23.90	23.15
Band 12	10MHz	QPSK	23060	1RB#49	23.85	23.10
Band 12	10MHz	QPSK	23060	50RB#0	22.93	22.18
Band 12	10MHz	QPSK	23095	1RB#0	23.92	23.17
Band 12	10MHz	QPSK	23095	1RB#24	23.97	**23.22**
Band 12	10MHz	QPSK	23095	1RB#49	23.87	23.12
Band 12	10MHz	QPSK	23095	50RB#0	22.83	22.08
Band 12	10MHz	QPSK	23130	1RB#0	23.93	23.18
Band 12	10MHz	QPSK	23130	1RB#24	23.92	23.17
Band 12	10MHz	QPSK	23130	1RB#49	23.85	23.10
Band 12	10MHz	QPSK	23130	50RB#0	23.00	22.25
Band 12	10MHz	16QAM	23060	1RB#0	23.11	**22.36**
Band 12	10MHz	16QAM	23060	1RB#24	23.06	22.31
Band 12	10MHz	16QAM	23060	1RB#49	23.03	22.28
Band 12	10MHz	16QAM	23060	50RB#0	21.93	21.18
Band 12	10MHz	16QAM	23095	1RB#0	23.00	22.25
Band 12	10MHz	16QAM	23095	1RB#24	23.05	22.30
Band 12	10MHz	16QAM	23095	1RB#49	22.99	22.24
Band 12	10MHz	16QAM	23095	50RB#0	21.80	21.05
Band 12	10MHz	16QAM	23130	1RB#0	23.02	22.27
Band 12	10MHz	16QAM	23130	1RB#24	23.06	22.31
Band 12	10MHz	16QAM	23130	1RB#49	22.98	22.23
Band 12	10MHz	16QAM	23130	50RB#0	21.95	21.20
Band 12	10MHz	64QAM	23060	1RB#0	22.14	**21.39**
Band 12	10MHz	64QAM	23060	1RB#24	22.10	21.35
Band 12	10MHz	64QAM	23060	1RB#49	22.06	21.31
Band 12	10MHz	64QAM	23060	50RB#0	20.87	20.12
Band 12	10MHz	64QAM	23095	1RB#0	22.11	21.36
Band 12	10MHz	64QAM	23095	1RB#24	22.08	21.33
Band 12	10MHz	64QAM	23095	1RB#49	22.06	21.31
Band 12	10MHz	64QAM	23095	50RB#0	20.78	20.03
Band 12	10MHz	64QAM	23130	1RB#0	22.11	21.36
Band 12	10MHz	64QAM	23130	1RB#24	22.10	21.35
Band 12	10MHz	64QAM	23130	1RB#49	22.03	21.28
Band 12	10MHz	64QAM	23130	50RB#0	20.91	20.16
Band 12	10MHz	256QAM	23060	1RB#0	19.09	**18.34**
Band 12	10MHz	256QAM	23060	1RB#24	19.00	18.25
Band 12	10MHz	256QAM	23060	1RB#49	19.00	18.25
Band 12	10MHz	256QAM	23060	50RB#0	18.94	18.19
Band 12	10MHz	256QAM	23095	1RB#0	18.69	17.94
Band 12	10MHz	256QAM	23095	1RB#24	18.99	18.24
Band 12	10MHz	256QAM	23095	1RB#49	19.01	18.26
Band 12	10MHz	256QAM	23095	50RB#0	18.82	18.07
Band 12	10MHz	256QAM	23130	1RB#0	18.74	17.99
Band 12	10MHz	256QAM	23130	1RB#24	19.00	18.25
Band 12	10MHz	256QAM	23130	1RB#49	19.07	18.32
Band 12	10MHz	256QAM	23130	50RB#0	18.97	18.22

Note:

1. The conducted output power was copied from the original module report.
2. ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

7.1.5 LTE Band 25

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
Band 25	1.4MHz	QPSK	26047	1RB#0	23.62	28.22
Band 25	1.4MHz	QPSK	26047	1RB#2	23.61	28.21
Band 25	1.4MHz	QPSK	26047	1RB#5	23.57	28.17
Band 25	1.4MHz	QPSK	26047	6RB#0	22.61	27.21
Band 25	1.4MHz	QPSK	26365	1RB#0	23.96	**28.56**
Band 25	1.4MHz	QPSK	26365	1RB#2	23.69	28.29
Band 25	1.4MHz	QPSK	26365	1RB#5	23.60	28.20
Band 25	1.4MHz	QPSK	26365	6RB#0	22.67	27.27
Band 25	1.4MHz	QPSK	26683	1RB#0	23.62	28.22
Band 25	1.4MHz	QPSK	26683	1RB#2	23.63	28.23
Band 25	1.4MHz	QPSK	26683	1RB#5	23.64	28.24
Band 25	1.4MHz	QPSK	26683	6RB#0	22.69	27.29
Band 25	1.4MHz	16QAM	26047	1RB#0	22.76	27.36
Band 25	1.4MHz	16QAM	26047	1RB#2	22.78	27.38
Band 25	1.4MHz	16QAM	26047	1RB#5	22.75	27.35
Band 25	1.4MHz	16QAM	26047	6RB#0	21.60	26.20
Band 25	1.4MHz	16QAM	26365	1RB#0	22.81	**27.41**
Band 25	1.4MHz	16QAM	26365	1RB#2	22.81	**27.41**
Band 25	1.4MHz	16QAM	26365	1RB#5	22.79	27.39
Band 25	1.4MHz	16QAM	26365	6RB#0	21.67	26.27
Band 25	1.4MHz	16QAM	26683	1RB#0	22.80	27.40
Band 25	1.4MHz	16QAM	26683	1RB#2	22.77	27.37
Band 25	1.4MHz	16QAM	26683	1RB#5	22.81	**27.41**
Band 25	1.4MHz	16QAM	26683	6RB#0	21.69	26.29
Band 25	1.4MHz	64QAM	26047	1RB#0	21.80	26.40
Band 25	1.4MHz	64QAM	26047	1RB#2	21.80	26.40
Band 25	1.4MHz	64QAM	26047	1RB#5	21.80	26.40
Band 25	1.4MHz	64QAM	26047	6RB#0	20.55	25.15
Band 25	1.4MHz	64QAM	26365	1RB#0	21.75	26.35
Band 25	1.4MHz	64QAM	26365	1RB#2	21.86	**26.46**
Band 25	1.4MHz	64QAM	26365	1RB#5	21.80	26.40
Band 25	1.4MHz	64QAM	26365	6RB#0	20.65	25.25
Band 25	1.4MHz	64QAM	26683	1RB#0	21.77	26.37
Band 25	1.4MHz	64QAM	26683	1RB#2	21.82	26.42
Band 25	1.4MHz	64QAM	26683	1RB#5	21.83	26.43
Band 25	1.4MHz	64QAM	26683	6RB#0	20.61	25.21
Band 25	1.4MHz	256QAM	26047	1RB#0	18.65	23.25
Band 25	1.4MHz	256QAM	26047	1RB#2	18.62	23.22
Band 25	1.4MHz	256QAM	26047	1RB#5	18.63	23.23
Band 25	1.4MHz	256QAM	26047	6RB#0	18.52	23.12
Band 25	1.4MHz	256QAM	26365	1RB#0	18.85	**23.45**
Band 25	1.4MHz	256QAM	26365	1RB#2	18.67	23.27
Band 25	1.4MHz	256QAM	26365	1RB#5	18.67	23.27
Band 25	1.4MHz	256QAM	26365	6RB#0	18.59	23.19
Band 25	1.4MHz	256QAM	26683	1RB#0	18.65	23.25
Band 25	1.4MHz	256QAM	26683	1RB#2	18.66	23.26
Band 25	1.4MHz	256QAM	26683	1RB#5	18.70	23.30
Band 25	1.4MHz	256QAM	26683	6RB#0	18.56	23.16

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
Band 25	3MHz	QPSK	26055	1RB#0	23.60	28.20
Band 25	3MHz	QPSK	26055	1RB#8	23.59	28.19
Band 25	3MHz	QPSK	26055	1RB#14	23.61	28.21
Band 25	3MHz	QPSK	26055	15RB#0	22.67	27.27
Band 25	3MHz	QPSK	26365	1RB#0	23.58	28.18
Band 25	3MHz	QPSK	26365	1RB#8	23.63	28.23
Band 25	3MHz	QPSK	26365	1RB#14	23.63	28.23
Band 25	3MHz	QPSK	26365	15RB#0	22.69	27.29
Band 25	3MHz	QPSK	26675	1RB#0	23.67	**28.27**
Band 25	3MHz	QPSK	26675	1RB#8	23.64	28.24
Band 25	3MHz	QPSK	26675	1RB#14	23.64	28.24
Band 25	3MHz	QPSK	26675	15RB#0	22.70	27.30
Band 25	3MHz	16QAM	26055	1RB#0	22.73	27.33
Band 25	3MHz	16QAM	26055	1RB#8	22.71	27.31
Band 25	3MHz	16QAM	26055	1RB#14	22.76	27.36
Band 25	3MHz	16QAM	26055	15RB#0	21.66	26.26
Band 25	3MHz	16QAM	26365	1RB#0	22.77	27.37
Band 25	3MHz	16QAM	26365	1RB#8	22.83	27.43
Band 25	3MHz	16QAM	26365	1RB#14	22.74	27.34
Band 25	3MHz	16QAM	26365	15RB#0	21.67	26.27
Band 25	3MHz	16QAM	26675	1RB#0	22.88	**27.48**
Band 25	3MHz	16QAM	26675	1RB#8	22.78	27.38
Band 25	3MHz	16QAM	26675	1RB#14	22.82	27.42
Band 25	3MHz	16QAM	26675	15RB#0	21.68	26.28
Band 25	3MHz	64QAM	26055	1RB#0	21.80	26.40
Band 25	3MHz	64QAM	26055	1RB#8	21.80	26.40
Band 25	3MHz	64QAM	26055	1RB#14	21.78	26.38
Band 25	3MHz	64QAM	26055	15RB#0	20.63	25.23
Band 25	3MHz	64QAM	26365	1RB#0	21.75	26.35
Band 25	3MHz	64QAM	26365	1RB#8	21.80	26.40
Band 25	3MHz	64QAM	26365	1RB#14	21.83	26.43
Band 25	3MHz	64QAM	26365	15RB#0	20.64	25.24
Band 25	3MHz	64QAM	26675	1RB#0	21.84	**26.44**
Band 25	3MHz	64QAM	26675	1RB#8	21.79	26.39
Band 25	3MHz	64QAM	26675	1RB#14	21.83	26.43
Band 25	3MHz	64QAM	26675	15RB#0	20.73	25.33
Band 25	3MHz	256QAM	26055	1RB#0	18.64	23.24
Band 25	3MHz	256QAM	26055	1RB#8	18.67	23.27
Band 25	3MHz	256QAM	26055	1RB#14	18.64	23.24
Band 25	3MHz	256QAM	26055	15RB#0	18.60	23.20
Band 25	3MHz	256QAM	26365	1RB#0	18.96	**23.56**
Band 25	3MHz	256QAM	26365	1RB#8	18.66	23.26
Band 25	3MHz	256QAM	26365	1RB#14	18.68	23.28
Band 25	3MHz	256QAM	26365	15RB#0	18.59	23.19
Band 25	3MHz	256QAM	26675	1RB#0	18.65	23.25
Band 25	3MHz	256QAM	26675	1RB#8	18.64	23.24
Band 25	3MHz	256QAM	26675	1RB#14	18.69	23.29
Band 25	3MHz	256QAM	26675	15RB#0	18.66	23.26

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
Band 25	5MHz	QPSK	26065	1RB#0	23.64	28.24
Band 25	5MHz	QPSK	26065	1RB#12	23.65	28.25
Band 25	5MHz	QPSK	26065	1RB#24	23.65	28.25
Band 25	5MHz	QPSK	26065	25RB#0	22.63	27.23
Band 25	5MHz	QPSK	26365	1RB#0	23.68	28.28
Band 25	5MHz	QPSK	26365	1RB#12	23.70	28.30
Band 25	5MHz	QPSK	26365	1RB#24	23.65	28.25
Band 25	5MHz	QPSK	26365	25RB#0	22.70	27.30
Band 25	5MHz	QPSK	26665	1RB#0	23.67	28.27
Band 25	5MHz	QPSK	26665	1RB#12	23.71	**28.31**
Band 25	5MHz	QPSK	26665	1RB#24	23.70	28.30
Band 25	5MHz	QPSK	26665	25RB#0	22.70	27.30
Band 25	5MHz	16QAM	26065	1RB#0	22.79	27.39
Band 25	5MHz	16QAM	26065	1RB#12	22.77	27.37
Band 25	5MHz	16QAM	26065	1RB#24	22.81	27.41
Band 25	5MHz	16QAM	26065	25RB#0	21.59	26.19
Band 25	5MHz	16QAM	26365	1RB#0	22.82	27.42
Band 25	5MHz	16QAM	26365	1RB#12	22.83	**27.43**
Band 25	5MHz	16QAM	26365	1RB#24	22.82	27.42
Band 25	5MHz	16QAM	26365	25RB#0	21.63	26.23
Band 25	5MHz	16QAM	26665	1RB#0	22.82	27.42
Band 25	5MHz	16QAM	26665	1RB#12	22.81	27.41
Band 25	5MHz	16QAM	26665	1RB#24	22.79	27.39
Band 25	5MHz	16QAM	26665	25RB#0	21.66	26.26
Band 25	5MHz	64QAM	26065	1RB#0	21.80	26.40
Band 25	5MHz	64QAM	26065	1RB#12	21.88	26.48
Band 25	5MHz	64QAM	26065	1RB#24	21.73	26.33
Band 25	5MHz	64QAM	26065	25RB#0	20.55	25.15
Band 25	5MHz	64QAM	26365	1RB#0	21.87	26.47
Band 25	5MHz	64QAM	26365	1RB#12	21.87	26.47
Band 25	5MHz	64QAM	26365	1RB#24	21.85	26.45
Band 25	5MHz	64QAM	26365	25RB#0	20.64	25.24
Band 25	5MHz	64QAM	26665	1RB#0	21.80	26.40
Band 25	5MHz	64QAM	26665	1RB#12	21.89	**26.49**
Band 25	5MHz	64QAM	26665	1RB#24	21.88	26.48
Band 25	5MHz	64QAM	26665	25RB#0	20.66	25.26
Band 25	5MHz	256QAM	26065	1RB#0	18.67	23.27
Band 25	5MHz	256QAM	26065	1RB#12	18.66	23.26
Band 25	5MHz	256QAM	26065	1RB#24	18.72	**23.32**
Band 25	5MHz	256QAM	26065	25RB#0	18.57	23.17
Band 25	5MHz	256QAM	26365	1RB#0	18.58	23.18
Band 25	5MHz	256QAM	26365	1RB#12	18.65	23.25
Band 25	5MHz	256QAM	26365	1RB#24	18.64	23.24
Band 25	5MHz	256QAM	26365	25RB#0	18.62	23.22
Band 25	5MHz	256QAM	26665	1RB#0	18.66	23.26
Band 25	5MHz	256QAM	26665	1RB#12	18.71	23.31
Band 25	5MHz	256QAM	26665	1RB#24	18.69	23.29
Band 25	5MHz	256QAM	26665	25RB#0	18.66	23.26

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
Band 25	10MHz	QPSK	26090	1RB#0	23.63	28.23
Band 25	10MHz	QPSK	26090	1RB#24	23.64	28.24
Band 25	10MHz	QPSK	26090	1RB#49	23.67	28.27
Band 25	10MHz	QPSK	26090	50RB#0	22.69	27.29
Band 25	10MHz	QPSK	26365	1RB#0	23.63	28.23
Band 25	10MHz	QPSK	26365	1RB#24	23.66	28.26
Band 25	10MHz	QPSK	26365	1RB#49	23.67	28.27
Band 25	10MHz	QPSK	26365	50RB#0	22.69	27.29
Band 25	10MHz	QPSK	26640	1RB#0	23.66	28.26
Band 25	10MHz	QPSK	26640	1RB#24	23.68	28.28
Band 25	10MHz	QPSK	26640	1RB#49	23.69	**28.29**
Band 25	10MHz	QPSK	26640	50RB#0	22.73	27.33
Band 25	10MHz	16QAM	26090	1RB#0	22.78	27.38
Band 25	10MHz	16QAM	26090	1RB#24	22.78	27.38
Band 25	10MHz	16QAM	26090	1RB#49	22.82	27.42
Band 25	10MHz	16QAM	26090	50RB#0	21.64	26.24
Band 25	10MHz	16QAM	26365	1RB#0	22.80	27.40
Band 25	10MHz	16QAM	26365	1RB#24	22.81	27.41
Band 25	10MHz	16QAM	26365	1RB#49	22.78	27.38
Band 25	10MHz	16QAM	26365	50RB#0	21.63	26.23
Band 25	10MHz	16QAM	26640	1RB#0	22.87	**27.47**
Band 25	10MHz	16QAM	26640	1RB#24	22.82	27.42
Band 25	10MHz	16QAM	26640	1RB#49	22.81	27.41
Band 25	10MHz	16QAM	26640	50RB#0	21.69	26.29
Band 25	10MHz	64QAM	26090	1RB#0	21.82	26.42
Band 25	10MHz	64QAM	26090	1RB#24	21.81	26.41
Band 25	10MHz	64QAM	26090	1RB#49	21.86	26.46
Band 25	10MHz	64QAM	26090	50RB#0	20.63	25.23
Band 25	10MHz	64QAM	26365	1RB#0	21.82	26.42
Band 25	10MHz	64QAM	26365	1RB#24	21.86	26.46
Band 25	10MHz	64QAM	26365	1RB#49	21.83	26.43
Band 25	10MHz	64QAM	26365	50RB#0	20.64	25.24
Band 25	10MHz	64QAM	26640	1RB#0	21.82	26.42
Band 25	10MHz	64QAM	26640	1RB#24	21.85	26.45
Band 25	10MHz	64QAM	26640	1RB#49	21.88	**26.48**
Band 25	10MHz	64QAM	26640	50RB#0	20.68	25.28
Band 25	10MHz	256QAM	26090	1RB#0	18.69	23.29
Band 25	10MHz	256QAM	26090	1RB#24	18.69	23.29
Band 25	10MHz	256QAM	26090	1RB#49	18.70	23.30
Band 25	10MHz	256QAM	26090	50RB#0	18.60	23.20
Band 25	10MHz	256QAM	26365	1RB#0	18.96	**23.56**
Band 25	10MHz	256QAM	26365	1RB#24	18.72	23.32
Band 25	10MHz	256QAM	26365	1RB#49	18.68	23.28
Band 25	10MHz	256QAM	26365	50RB#0	18.55	23.15
Band 25	10MHz	256QAM	26640	1RB#0	18.63	23.23
Band 25	10MHz	256QAM	26640	1RB#24	18.70	23.30
Band 25	10MHz	256QAM	26640	1RB#49	18.75	23.35
Band 25	10MHz	256QAM	26640	50RB#0	18.64	23.24

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
Band 25	15MHz	QPSK	26115	1RB#0	23.51	28.11
Band 25	15MHz	QPSK	26115	1RB#38	23.63	28.23
Band 25	15MHz	QPSK	26115	1RB#74	23.62	28.22
Band 25	15MHz	QPSK	26115	75RB#0	22.66	27.26
Band 25	15MHz	QPSK	26365	1RB#0	23.57	28.17
Band 25	15MHz	QPSK	26365	1RB#38	23.72	28.32
Band 25	15MHz	QPSK	26365	1RB#74	23.61	28.21
Band 25	15MHz	QPSK	26365	75RB#0	22.66	27.26
Band 25	15MHz	QPSK	26615	1RB#0	23.58	28.18
Band 25	15MHz	QPSK	26615	1RB#38	23.76	**28.36**
Band 25	15MHz	QPSK	26615	1RB#74	23.64	28.24
Band 25	15MHz	QPSK	26615	75RB#0	22.70	27.30
Band 25	15MHz	16QAM	26115	1RB#0	22.75	27.35
Band 25	15MHz	16QAM	26115	1RB#38	22.79	27.39
Band 25	15MHz	16QAM	26115	1RB#74	22.76	27.36
Band 25	15MHz	16QAM	26115	75RB#0	21.63	26.23
Band 25	15MHz	16QAM	26365	1RB#0	22.81	27.41
Band 25	15MHz	16QAM	26365	1RB#38	22.79	27.39
Band 25	15MHz	16QAM	26365	1RB#74	22.78	27.38
Band 25	15MHz	16QAM	26365	75RB#0	21.61	26.21
Band 25	15MHz	16QAM	26615	1RB#0	22.80	27.40
Band 25	15MHz	16QAM	26615	1RB#38	22.92	**27.52**
Band 25	15MHz	16QAM	26615	1RB#74	22.79	27.39
Band 25	15MHz	16QAM	26615	75RB#0	21.71	26.31
Band 25	15MHz	64QAM	26115	1RB#0	21.80	26.40
Band 25	15MHz	64QAM	26115	1RB#38	21.82	26.42
Band 25	15MHz	64QAM	26115	1RB#74	21.85	26.45
Band 25	15MHz	64QAM	26115	75RB#0	20.55	25.15
Band 25	15MHz	64QAM	26365	1RB#0	21.77	26.37
Band 25	15MHz	64QAM	26365	1RB#38	21.77	26.37
Band 25	15MHz	64QAM	26365	1RB#74	21.71	26.31
Band 25	15MHz	64QAM	26365	75RB#0	20.59	25.19
Band 25	15MHz	64QAM	26615	1RB#0	21.72	26.32
Band 25	15MHz	64QAM	26615	1RB#38	21.81	26.41
Band 25	15MHz	64QAM	26615	1RB#74	21.87	**26.47**
Band 25	15MHz	64QAM	26615	75RB#0	20.65	25.25
Band 25	15MHz	256QAM	26115	1RB#0	18.65	23.25
Band 25	15MHz	256QAM	26115	1RB#38	18.68	23.28
Band 25	15MHz	256QAM	26115	1RB#74	18.74	23.34
Band 25	15MHz	256QAM	26115	75RB#0	18.58	23.18
Band 25	15MHz	256QAM	26365	1RB#0	18.79	23.39
Band 25	15MHz	256QAM	26365	1RB#38	18.70	23.30
Band 25	15MHz	256QAM	26365	1RB#74	18.66	23.26
Band 25	15MHz	256QAM	26365	75RB#0	18.59	23.19
Band 25	15MHz	256QAM	26615	1RB#0	18.98	**23.58**
Band 25	15MHz	256QAM	26615	1RB#38	18.76	23.36
Band 25	15MHz	256QAM	26615	1RB#74	18.73	23.33
Band 25	15MHz	256QAM	26615	75RB#0	18.64	23.24

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
Band 25	20MHz	QPSK	26140	1RB#0	23.53	28.13
Band 25	20MHz	QPSK	26140	1RB#49	23.63	28.23
Band 25	20MHz	QPSK	26140	1RB#99	23.66	28.26
Band 25	20MHz	QPSK	26140	100RB#0	22.70	27.30
Band 25	20MHz	QPSK	26365	1RB#0	23.57	28.17
Band 25	20MHz	QPSK	26365	1RB#49	23.67	28.27
Band 25	20MHz	QPSK	26365	1RB#99	23.65	28.25
Band 25	20MHz	QPSK	26365	100RB#0	22.68	27.28
Band 25	20MHz	QPSK	26590	1RB#0	23.61	28.21
Band 25	20MHz	QPSK	26590	1RB#49	23.68	28.28
Band 25	20MHz	QPSK	26590	1RB#99	23.69	**28.29**
Band 25	20MHz	QPSK	26590	100RB#0	22.75	27.35
Band 25	20MHz	16QAM	26140	1RB#0	22.70	27.30
Band 25	20MHz	16QAM	26140	1RB#49	22.80	27.40
Band 25	20MHz	16QAM	26140	1RB#99	22.79	27.39
Band 25	20MHz	16QAM	26140	100RB#0	21.68	26.28
Band 25	20MHz	16QAM	26365	1RB#0	22.72	27.32
Band 25	20MHz	16QAM	26365	1RB#49	22.86	**27.46**
Band 25	20MHz	16QAM	26365	1RB#99	22.80	27.40
Band 25	20MHz	16QAM	26365	100RB#0	21.64	26.24
Band 25	20MHz	16QAM	26590	1RB#0	22.69	27.29
Band 25	20MHz	16QAM	26590	1RB#49	22.83	27.43
Band 25	20MHz	16QAM	26590	1RB#99	22.84	27.44
Band 25	20MHz	16QAM	26590	100RB#0	21.69	26.29
Band 25	20MHz	64QAM	26140	1RB#0	21.66	26.26
Band 25	20MHz	64QAM	26140	1RB#49	21.78	26.38
Band 25	20MHz	64QAM	26140	1RB#99	21.87	26.47
Band 25	20MHz	64QAM	26140	100RB#0	20.64	25.24
Band 25	20MHz	64QAM	26365	1RB#0	21.69	26.29
Band 25	20MHz	64QAM	26365	1RB#49	21.81	26.41
Band 25	20MHz	64QAM	26365	1RB#99	21.80	26.40
Band 25	20MHz	64QAM	26365	100RB#0	20.62	25.22
Band 25	20MHz	64QAM	26590	1RB#0	21.77	26.37
Band 25	20MHz	64QAM	26590	1RB#49	21.78	26.38
Band 25	20MHz	64QAM	26590	1RB#99	21.89	**26.49**
Band 25	20MHz	64QAM	26590	100RB#0	20.68	25.28
Band 25	20MHz	256QAM	26140	1RB#0	18.66	23.26
Band 25	20MHz	256QAM	26140	1RB#49	18.69	23.29
Band 25	20MHz	256QAM	26140	1RB#99	18.71	23.31
Band 25	20MHz	256QAM	26140	100RB#0	18.64	23.24
Band 25	20MHz	256QAM	26365	1RB#0	18.75	23.35
Band 25	20MHz	256QAM	26365	1RB#49	18.64	23.24
Band 25	20MHz	256QAM	26365	1RB#99	18.68	23.28
Band 25	20MHz	256QAM	26365	100RB#0	18.60	23.20
Band 25	20MHz	256QAM	26590	1RB#0	18.99	**23.59**
Band 25	20MHz	256QAM	26590	1RB#49	18.69	23.29
Band 25	20MHz	256QAM	26590	1RB#99	18.73	23.33
Band 25	20MHz	256QAM	26590	100RB#0	18.62	23.22

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

7.1.6 LTE Band 66

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
Band 66	1.4MHz	QPSK	131979	1RB#0	23.44	28.04
Band 66	1.4MHz	QPSK	131979	1RB#2	23.44	28.04
Band 66	1.4MHz	QPSK	131979	1RB#5	23.44	28.04
Band 66	1.4MHz	QPSK	131979	6RB#0	22.96	27.56
Band 66	1.4MHz	QPSK	132322	1RB#0	23.57	28.17
Band 66	1.4MHz	QPSK	132322	1RB#2	23.59	**28.19**
Band 66	1.4MHz	QPSK	132322	1RB#5	23.55	28.15
Band 66	1.4MHz	QPSK	132322	6RB#0	22.63	27.23
Band 66	1.4MHz	QPSK	132665	1RB#0	23.55	28.15
Band 66	1.4MHz	QPSK	132665	1RB#2	23.57	28.17
Band 66	1.4MHz	QPSK	132665	1RB#5	23.56	28.16
Band 66	1.4MHz	QPSK	132665	6RB#0	22.64	27.24
Band 66	1.4MHz	16QAM	131979	1RB#0	22.62	27.22
Band 66	1.4MHz	16QAM	131979	1RB#2	22.61	27.21
Band 66	1.4MHz	16QAM	131979	1RB#5	22.59	27.19
Band 66	1.4MHz	16QAM	131979	6RB#0	21.46	26.06
Band 66	1.4MHz	16QAM	132322	1RB#0	22.76	27.36
Band 66	1.4MHz	16QAM	132322	1RB#2	22.82	**27.42**
Band 66	1.4MHz	16QAM	132322	1RB#5	22.74	27.34
Band 66	1.4MHz	16QAM	132322	6RB#0	21.60	26.20
Band 66	1.4MHz	16QAM	132665	1RB#0	22.80	27.40
Band 66	1.4MHz	16QAM	132665	1RB#2	22.78	27.38
Band 66	1.4MHz	16QAM	132665	1RB#5	22.74	27.34
Band 66	1.4MHz	16QAM	132665	6RB#0	21.62	26.22
Band 66	1.4MHz	64QAM	131979	1RB#0	21.67	26.27
Band 66	1.4MHz	64QAM	131979	1RB#2	21.60	26.20
Band 66	1.4MHz	64QAM	131979	1RB#5	21.56	26.16
Band 66	1.4MHz	64QAM	131979	6RB#0	20.41	25.01
Band 66	1.4MHz	64QAM	132322	1RB#0	21.74	26.34
Band 66	1.4MHz	64QAM	132322	1RB#2	21.81	**26.41**
Band 66	1.4MHz	64QAM	132322	1RB#5	21.73	26.33
Band 66	1.4MHz	64QAM	132322	6RB#0	20.53	25.13
Band 66	1.4MHz	64QAM	132665	1RB#0	21.71	26.31
Band 66	1.4MHz	64QAM	132665	1RB#2	21.72	26.32
Band 66	1.4MHz	64QAM	132665	1RB#5	21.79	26.39
Band 66	1.4MHz	64QAM	132665	6RB#0	20.58	25.18
Band 66	1.4MHz	256QAM	131979	1RB#0	18.69	23.29
Band 66	1.4MHz	256QAM	131979	1RB#2	18.50	23.10
Band 66	1.4MHz	256QAM	131979	1RB#5	18.48	23.08
Band 66	1.4MHz	256QAM	131979	6RB#0	18.41	23.01
Band 66	1.4MHz	256QAM	132322	1RB#0	19.01	**23.61**
Band 66	1.4MHz	256QAM	132322	1RB#2	18.62	23.22
Band 66	1.4MHz	256QAM	132322	1RB#5	18.57	23.17
Band 66	1.4MHz	256QAM	132322	6RB#0	18.53	23.13
Band 66	1.4MHz	256QAM	132665	1RB#0	18.69	23.29
Band 66	1.4MHz	256QAM	132665	1RB#2	18.61	23.21
Band 66	1.4MHz	256QAM	132665	1RB#5	18.66	23.26
Band 66	1.4MHz	256QAM	132665	6RB#0	18.55	23.15

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
Band 66	3MHz	QPSK	131987	1RB#0	23.45	28.05
Band 66	3MHz	QPSK	131987	1RB#8	23.43	28.03
Band 66	3MHz	QPSK	131987	1RB#14	23.42	28.02
Band 66	3MHz	QPSK	131987	15RB#0	22.49	27.09
Band 66	3MHz	QPSK	132322	1RB#0	23.61	**28.21**
Band 66	3MHz	QPSK	132322	1RB#8	23.55	28.15
Band 66	3MHz	QPSK	132322	1RB#14	23.61	**28.21**
Band 66	3MHz	QPSK	132322	15RB#0	22.64	27.24
Band 66	3MHz	QPSK	132657	1RB#0	23.60	28.20
Band 66	3MHz	QPSK	132657	1RB#8	23.53	28.13
Band 66	3MHz	QPSK	132657	1RB#14	23.57	28.17
Band 66	3MHz	QPSK	132657	15RB#0	22.66	27.26
Band 66	3MHz	16QAM	131987	1RB#0	22.61	27.21
Band 66	3MHz	16QAM	131987	1RB#8	22.55	27.15
Band 66	3MHz	16QAM	131987	1RB#14	22.54	27.14
Band 66	3MHz	16QAM	131987	15RB#0	21.48	26.08
Band 66	3MHz	16QAM	132322	1RB#0	22.69	27.29
Band 66	3MHz	16QAM	132322	1RB#8	22.76	**27.36**
Band 66	3MHz	16QAM	132322	1RB#14	22.72	27.32
Band 66	3MHz	16QAM	132322	15RB#0	21.55	26.15
Band 66	3MHz	16QAM	132657	1RB#0	22.72	27.32
Band 66	3MHz	16QAM	132657	1RB#8	22.73	27.33
Band 66	3MHz	16QAM	132657	1RB#14	22.76	**27.36**
Band 66	3MHz	16QAM	132657	15RB#0	21.62	26.22
Band 66	3MHz	64QAM	131987	1RB#0	21.60	26.20
Band 66	3MHz	64QAM	131987	1RB#8	21.55	26.15
Band 66	3MHz	64QAM	131987	1RB#14	21.56	26.16
Band 66	3MHz	64QAM	131987	15RB#0	20.48	25.08
Band 66	3MHz	64QAM	132322	1RB#0	21.74	26.34
Band 66	3MHz	64QAM	132322	1RB#8	21.78	**26.38**
Band 66	3MHz	64QAM	132322	1RB#14	21.75	26.35
Band 66	3MHz	64QAM	132322	15RB#0	20.60	25.20
Band 66	3MHz	64QAM	132657	1RB#0	21.73	26.33
Band 66	3MHz	64QAM	132657	1RB#8	21.72	26.32
Band 66	3MHz	64QAM	132657	1RB#14	21.78	**26.38**
Band 66	3MHz	64QAM	132657	15RB#0	20.64	25.24
Band 66	3MHz	256QAM	131987	1RB#0	18.49	23.09
Band 66	3MHz	256QAM	131987	1RB#8	18.44	23.04
Band 66	3MHz	256QAM	131987	1RB#14	18.44	23.04
Band 66	3MHz	256QAM	131987	15RB#0	18.49	23.09
Band 66	3MHz	256QAM	132322	1RB#0	18.85	**23.45**
Band 66	3MHz	256QAM	132322	1RB#8	18.66	23.26
Band 66	3MHz	256QAM	132322	1RB#14	18.66	23.26
Band 66	3MHz	256QAM	132322	15RB#0	18.57	23.17
Band 66	3MHz	256QAM	132657	1RB#0	18.65	23.25
Band 66	3MHz	256QAM	132657	1RB#8	18.64	23.24
Band 66	3MHz	256QAM	132657	1RB#14	18.66	23.26
Band 66	3MHz	256QAM	132657	15RB#0	18.61	23.21

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
Band 66	5MHz	QPSK	131997	1RB#0	23.47	28.07
Band 66	5MHz	QPSK	131997	1RB#12	23.49	28.09
Band 66	5MHz	QPSK	131997	1RB#24	23.48	28.08
Band 66	5MHz	QPSK	131997	25RB#0	22.52	27.12
Band 66	5MHz	QPSK	132322	1RB#0	23.61	28.21
Band 66	5MHz	QPSK	132322	1RB#12	23.65	**28.25**
Band 66	5MHz	QPSK	132322	1RB#24	23.65	**28.25**
Band 66	5MHz	QPSK	132322	25RB#0	22.62	27.22
Band 66	5MHz	QPSK	132647	1RB#0	23.61	28.21
Band 66	5MHz	QPSK	132647	1RB#12	23.60	28.20
Band 66	5MHz	QPSK	132647	1RB#24	23.63	28.23
Band 66	5MHz	QPSK	132647	25RB#0	22.64	27.24
Band 66	5MHz	16QAM	131997	1RB#0	22.62	27.22
Band 66	5MHz	16QAM	131997	1RB#12	22.63	27.23
Band 66	5MHz	16QAM	131997	1RB#24	22.63	27.23
Band 66	5MHz	16QAM	131997	25RB#0	21.48	26.08
Band 66	5MHz	16QAM	132322	1RB#0	22.79	**27.39**
Band 66	5MHz	16QAM	132322	1RB#12	22.75	27.35
Band 66	5MHz	16QAM	132322	1RB#24	22.79	**27.39**
Band 66	5MHz	16QAM	132322	25RB#0	21.59	26.19
Band 66	5MHz	16QAM	132647	1RB#0	22.77	27.37
Band 66	5MHz	16QAM	132647	1RB#12	22.73	27.33
Band 66	5MHz	16QAM	132647	1RB#24	22.78	27.38
Band 66	5MHz	16QAM	132647	25RB#0	21.58	26.18
Band 66	5MHz	64QAM	131997	1RB#0	21.68	26.28
Band 66	5MHz	64QAM	131997	1RB#12	21.69	26.29
Band 66	5MHz	64QAM	131997	1RB#24	21.71	26.31
Band 66	5MHz	64QAM	131997	25RB#0	20.46	25.06
Band 66	5MHz	64QAM	132322	1RB#0	21.80	26.40
Band 66	5MHz	64QAM	132322	1RB#12	21.81	26.41
Band 66	5MHz	64QAM	132322	1RB#24	21.81	26.41
Band 66	5MHz	64QAM	132322	25RB#0	20.58	25.18
Band 66	5MHz	64QAM	132647	1RB#0	21.78	26.38
Band 66	5MHz	64QAM	132647	1RB#12	21.84	**26.44**
Band 66	5MHz	64QAM	132647	1RB#24	21.79	26.39
Band 66	5MHz	64QAM	132647	25RB#0	20.56	25.16
Band 66	5MHz	256QAM	131997	1RB#0	18.54	23.14
Band 66	5MHz	256QAM	131997	1RB#12	18.52	23.12
Band 66	5MHz	256QAM	131997	1RB#24	18.53	23.13
Band 66	5MHz	256QAM	131997	25RB#0	18.43	23.03
Band 66	5MHz	256QAM	132322	1RB#0	18.45	23.05
Band 66	5MHz	256QAM	132322	1RB#12	18.63	23.23
Band 66	5MHz	256QAM	132322	1RB#24	18.68	**23.28**
Band 66	5MHz	256QAM	132322	25RB#0	18.54	23.14
Band 66	5MHz	256QAM	132647	1RB#0	18.65	23.25
Band 66	5MHz	256QAM	132647	1RB#12	18.64	23.24
Band 66	5MHz	256QAM	132647	1RB#24	18.66	23.26
Band 66	5MHz	256QAM	132647	25RB#0	18.58	23.18

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
Band 66	10MHz	QPSK	132022	1RB#0	23.44	28.04
Band 66	10MHz	QPSK	132022	1RB#24	23.47	28.07
Band 66	10MHz	QPSK	132022	1RB#49	23.56	28.16
Band 66	10MHz	QPSK	132022	50RB#0	22.54	27.14
Band 66	10MHz	QPSK	132322	1RB#0	23.59	28.19
Band 66	10MHz	QPSK	132322	1RB#24	22.12	26.72
Band 66	10MHz	QPSK	132322	1RB#49	23.62	28.22
Band 66	10MHz	QPSK	132322	50RB#0	22.66	27.26
Band 66	10MHz	QPSK	132622	1RB#0	23.57	28.17
Band 66	10MHz	QPSK	132622	1RB#24	23.63	28.23
Band 66	10MHz	QPSK	132622	1RB#49	23.65	**28.25**
Band 66	10MHz	QPSK	132622	50RB#0	22.64	27.24
Band 66	10MHz	16QAM	132022	1RB#0	22.62	27.22
Band 66	10MHz	16QAM	132022	1RB#24	22.60	27.20
Band 66	10MHz	16QAM	132022	1RB#49	22.70	27.30
Band 66	10MHz	16QAM	132022	50RB#0	21.53	26.13
Band 66	10MHz	16QAM	132322	1RB#0	22.75	27.35
Band 66	10MHz	16QAM	132322	1RB#24	22.75	27.35
Band 66	10MHz	16QAM	132322	1RB#49	22.76	**27.36**
Band 66	10MHz	16QAM	132322	50RB#0	21.63	26.23
Band 66	10MHz	16QAM	132622	1RB#0	22.73	27.33
Band 66	10MHz	16QAM	132622	1RB#24	22.76	**27.36**
Band 66	10MHz	16QAM	132622	1RB#49	22.76	**27.36**
Band 66	10MHz	16QAM	132622	50RB#0	21.61	26.21
Band 66	10MHz	64QAM	132022	1RB#0	21.67	26.27
Band 66	10MHz	64QAM	132022	1RB#24	21.60	26.20
Band 66	10MHz	64QAM	132022	1RB#49	21.74	26.34
Band 66	10MHz	64QAM	132022	50RB#0	20.46	25.06
Band 66	10MHz	64QAM	132322	1RB#0	21.76	26.36
Band 66	10MHz	64QAM	132322	1RB#24	21.81	**26.41**
Band 66	10MHz	64QAM	132322	1RB#49	21.78	26.38
Band 66	10MHz	64QAM	132322	50RB#0	20.58	25.18
Band 66	10MHz	64QAM	132622	1RB#0	21.77	26.37
Band 66	10MHz	64QAM	132622	1RB#24	21.80	26.40
Band 66	10MHz	64QAM	132622	1RB#49	21.81	**26.41**
Band 66	10MHz	64QAM	132622	50RB#0	20.55	25.15
Band 66	10MHz	256QAM	132022	1RB#0	18.54	23.14
Band 66	10MHz	256QAM	132022	1RB#24	18.47	23.07
Band 66	10MHz	256QAM	132022	1RB#49	18.64	23.24
Band 66	10MHz	256QAM	132022	50RB#0	18.48	23.08
Band 66	10MHz	256QAM	132322	1RB#0	18.52	23.12
Band 66	10MHz	256QAM	132322	1RB#24	18.61	23.21
Band 66	10MHz	256QAM	132322	1RB#49	18.73	23.33
Band 66	10MHz	256QAM	132322	50RB#0	18.61	23.21
Band 66	10MHz	256QAM	132622	1RB#0	18.96	**23.56**
Band 66	10MHz	256QAM	132622	1RB#24	18.65	23.25
Band 66	10MHz	256QAM	132622	1RB#49	18.65	23.25
Band 66	10MHz	256QAM	132622	50RB#0	18.58	23.18

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
Band 66	15MHz	QPSK	132047	1RB#0	23.36	27.96
Band 66	15MHz	QPSK	132047	1RB#38	23.48	28.08
Band 66	15MHz	QPSK	132047	1RB#74	23.51	28.11
Band 66	15MHz	QPSK	132047	75RB#0	22.52	27.12
Band 66	15MHz	QPSK	132322	1RB#0	23.49	28.09
Band 66	15MHz	QPSK	132322	1RB#38	23.58	28.18
Band 66	15MHz	QPSK	132322	1RB#74	23.60	**28.20**
Band 66	15MHz	QPSK	132322	75RB#0	22.65	27.25
Band 66	15MHz	QPSK	132597	1RB#0	23.46	28.06
Band 66	15MHz	QPSK	132597	1RB#38	23.58	28.18
Band 66	15MHz	QPSK	132597	1RB#74	23.60	**28.20**
Band 66	15MHz	QPSK	132597	75RB#0	22.60	27.20
Band 66	15MHz	16QAM	132047	1RB#0	22.57	27.17
Band 66	15MHz	16QAM	132047	1RB#38	22.67	27.27
Band 66	15MHz	16QAM	132047	1RB#74	22.74	27.34
Band 66	15MHz	16QAM	132047	75RB#0	21.49	26.09
Band 66	15MHz	16QAM	132322	1RB#0	22.69	27.29
Band 66	15MHz	16QAM	132322	1RB#38	22.77	**27.37**
Band 66	15MHz	16QAM	132322	1RB#74	22.76	27.36
Band 66	15MHz	16QAM	132322	75RB#0	21.57	26.17
Band 66	15MHz	16QAM	132597	1RB#0	22.68	27.28
Band 66	15MHz	16QAM	132597	1RB#38	22.71	27.31
Band 66	15MHz	16QAM	132597	1RB#74	22.77	**27.37**
Band 66	15MHz	16QAM	132597	75RB#0	21.58	26.18
Band 66	15MHz	64QAM	132047	1RB#0	21.56	26.16
Band 66	15MHz	64QAM	132047	1RB#38	21.66	26.26
Band 66	15MHz	64QAM	132047	1RB#74	21.74	26.34
Band 66	15MHz	64QAM	132047	75RB#0	20.45	25.05
Band 66	15MHz	64QAM	132322	1RB#0	21.68	26.28
Band 66	15MHz	64QAM	132322	1RB#38	21.80	26.40
Band 66	15MHz	64QAM	132322	1RB#74	21.81	26.41
Band 66	15MHz	64QAM	132322	75RB#0	20.52	25.12
Band 66	15MHz	64QAM	132597	1RB#0	21.72	26.32
Band 66	15MHz	64QAM	132597	1RB#38	21.77	26.37
Band 66	15MHz	64QAM	132597	1RB#74	21.86	**26.46**
Band 66	15MHz	64QAM	132597	75RB#0	20.50	25.10
Band 66	15MHz	256QAM	132047	1RB#0	18.45	23.05
Band 66	15MHz	256QAM	132047	1RB#38	18.55	23.15
Band 66	15MHz	256QAM	132047	1RB#74	18.54	23.14
Band 66	15MHz	256QAM	132047	75RB#0	18.45	23.05
Band 66	15MHz	256QAM	132322	1RB#0	18.54	23.14
Band 66	15MHz	256QAM	132322	1RB#38	18.62	23.22
Band 66	15MHz	256QAM	132322	1RB#74	18.69	23.29
Band 66	15MHz	256QAM	132322	75RB#0	18.52	23.12
Band 66	15MHz	256QAM	132597	1RB#0	18.58	23.18
Band 66	15MHz	256QAM	132597	1RB#38	18.62	23.22
Band 66	15MHz	256QAM	132597	1RB#74	18.71	**23.31**
Band 66	15MHz	256QAM	132597	75RB#0	18.54	23.14

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
Band 66	20MHz	QPSK	132072	1RB#0	23.35	27.95
Band 66	20MHz	QPSK	132072	1RB#49	23.51	28.11
Band 66	20MHz	QPSK	132072	1RB#99	23.55	28.15
Band 66	20MHz	QPSK	132072	100RB#0	22.61	27.21
Band 66	20MHz	QPSK	132322	1RB#0	23.51	28.11
Band 66	20MHz	QPSK	132322	1RB#49	23.25	27.85
Band 66	20MHz	QPSK	132322	1RB#99	23.63	**28.23**
Band 66	20MHz	QPSK	132322	100RB#0	22.66	27.26
Band 66	20MHz	QPSK	132572	1RB#0	23.45	28.05
Band 66	20MHz	QPSK	132572	1RB#49	23.57	28.17
Band 66	20MHz	QPSK	132572	1RB#99	23.63	**28.23**
Band 66	20MHz	QPSK	132572	100RB#0	22.64	27.24
Band 66	20MHz	16QAM	132072	1RB#0	22.50	27.10
Band 66	20MHz	16QAM	132072	1RB#49	22.68	27.28
Band 66	20MHz	16QAM	132072	1RB#99	22.75	27.35
Band 66	20MHz	16QAM	132072	100RB#0	21.54	26.14
Band 66	20MHz	16QAM	132322	1RB#0	22.67	27.27
Band 66	20MHz	16QAM	132322	1RB#49	22.76	27.36
Band 66	20MHz	16QAM	132322	1RB#99	22.77	27.37
Band 66	20MHz	16QAM	132322	100RB#0	21.60	26.20
Band 66	20MHz	16QAM	132572	1RB#0	22.64	27.24
Band 66	20MHz	16QAM	132572	1RB#49	22.73	27.33
Band 66	20MHz	16QAM	132572	1RB#99	22.84	**27.44**
Band 66	20MHz	16QAM	132572	100RB#0	21.58	26.18
Band 66	20MHz	64QAM	132072	1RB#0	21.58	26.18
Band 66	20MHz	64QAM	132072	1RB#49	21.69	26.29
Band 66	20MHz	64QAM	132072	1RB#99	21.77	26.37
Band 66	20MHz	64QAM	132072	100RB#0	20.50	25.10
Band 66	20MHz	64QAM	132322	1RB#0	21.69	26.29
Band 66	20MHz	64QAM	132322	1RB#49	21.79	26.39
Band 66	20MHz	64QAM	132322	1RB#99	21.77	26.37
Band 66	20MHz	64QAM	132322	100RB#0	20.55	25.15
Band 66	20MHz	64QAM	132572	1RB#0	21.66	26.26
Band 66	20MHz	64QAM	132572	1RB#49	21.74	26.34
Band 66	20MHz	64QAM	132572	1RB#99	21.81	**26.41**
Band 66	20MHz	64QAM	132572	100RB#0	20.59	25.19
Band 66	20MHz	256QAM	132072	1RB#0	18.42	23.02
Band 66	20MHz	256QAM	132072	1RB#49	18.56	23.16
Band 66	20MHz	256QAM	132072	1RB#99	18.66	23.26
Band 66	20MHz	256QAM	132072	100RB#0	18.48	23.08
Band 66	20MHz	256QAM	132322	1RB#0	18.99	**23.59**
Band 66	20MHz	256QAM	132322	1RB#49	18.68	23.28
Band 66	20MHz	256QAM	132322	1RB#99	18.63	23.23
Band 66	20MHz	256QAM	132322	100RB#0	18.58	23.18
Band 66	20MHz	256QAM	132572	1RB#0	18.58	23.18
Band 66	20MHz	256QAM	132572	1RB#49	18.61	23.21
Band 66	20MHz	256QAM	132572	1RB#99	18.67	23.27
Band 66	20MHz	256QAM	132572	100RB#0	18.60	23.20

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

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Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	ERP Power (dBm)
Band 71	5MHz	QPSK	133147	1RB#0	24.09	23.84
Band 71	5MHz	QPSK	133147	1RB#12	24.05	23.80
Band 71	5MHz	QPSK	133147	1RB#24	24.01	23.76
Band 71	5MHz	QPSK	133147	25RB#0	23.12	22.87
Band 71	5MHz	QPSK	133297	1RB#0	24.04	23.79
Band 71	5MHz	QPSK	133297	1RB#12	24.09	23.84
Band 71	5MHz	QPSK	133297	1RB#24	24.02	23.77
Band 71	5MHz	QPSK	133297	25RB#0	23.03	22.78
Band 71	5MHz	QPSK	133447	1RB#0	24.10	23.85
Band 71	5MHz	QPSK	133447	1RB#12	24.14	**23.89**
Band 71	5MHz	QPSK	133447	1RB#24	24.12	23.87
Band 71	5MHz	QPSK	133447	25RB#0	23.12	22.87
Band 71	5MHz	16QAM	133147	1RB#0	23.13	22.88
Band 71	5MHz	16QAM	133147	1RB#12	23.12	22.87
Band 71	5MHz	16QAM	133147	1RB#24	23.11	22.86
Band 71	5MHz	16QAM	133147	25RB#0	22.07	21.82
Band 71	5MHz	16QAM	133297	1RB#0	23.18	22.93
Band 71	5MHz	16QAM	133297	1RB#12	23.22	**22.97**
Band 71	5MHz	16QAM	133297	1RB#24	23.16	22.91
Band 71	5MHz	16QAM	133297	25RB#0	22.02	21.77
Band 71	5MHz	16QAM	133447	1RB#0	23.19	22.94
Band 71	5MHz	16QAM	133447	1RB#12	23.20	22.95
Band 71	5MHz	16QAM	133447	1RB#24	23.19	22.94
Band 71	5MHz	16QAM	133447	25RB#0	22.12	21.87
Band 71	5MHz	64QAM	133147	1RB#0	22.22	21.97
Band 71	5MHz	64QAM	133147	1RB#12	22.19	21.94
Band 71	5MHz	64QAM	133147	1RB#24	22.16	21.91
Band 71	5MHz	64QAM	133147	25RB#0	20.99	20.74
Band 71	5MHz	64QAM	133297	1RB#0	22.19	21.94
Band 71	5MHz	64QAM	133297	1RB#12	22.24	21.99
Band 71	5MHz	64QAM	133297	1RB#24	22.15	21.90
Band 71	5MHz	64QAM	133297	25RB#0	20.99	20.74
Band 71	5MHz	64QAM	133447	1RB#0	22.24	21.99
Band 71	5MHz	64QAM	133447	1RB#12	22.29	22.04
Band 71	5MHz	64QAM	133447	1RB#24	22.30	**22.05**
Band 71	5MHz	64QAM	133447	25RB#0	21.09	20.84
Band 71	5MHz	256QAM	133147	1RB#0	19.12	18.87
Band 71	5MHz	256QAM	133147	1RB#12	19.22	18.97
Band 71	5MHz	256QAM	133147	1RB#24	19.16	18.91
Band 71	5MHz	256QAM	133147	25RB#0	19.07	18.82
Band 71	5MHz	256QAM	133297	1RB#0	19.23	18.98
Band 71	5MHz	256QAM	133297	1RB#12	19.17	18.92
Band 71	5MHz	256QAM	133297	1RB#24	19.16	18.91
Band 71	5MHz	256QAM	133297	25RB#0	19.06	18.81
Band 71	5MHz	256QAM	133447	1RB#0	19.25	19.00
Band 71	5MHz	256QAM	133447	1RB#12	19.21	18.96
Band 71	5MHz	256QAM	133447	1RB#24	19.27	**19.02**
Band 71	5MHz	256QAM	133447	25RB#0	19.11	18.86

Note:

1. The conducted output power was copied from the original module report.
2. ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	ERP Power (dBm)
Band 71	10MHz	QPSK	133172	1RB#0	24.08	**23.83**
Band 71	10MHz	QPSK	133172	1RB#24	23.99	23.74
Band 71	10MHz	QPSK	133172	1RB#49	23.98	23.73
Band 71	10MHz	QPSK	133172	50RB#0	23.01	22.76
Band 71	10MHz	QPSK	133297	1RB#0	24.00	23.75
Band 71	10MHz	QPSK	133297	1RB#24	24.05	23.80
Band 71	10MHz	QPSK	133297	1RB#49	23.98	23.73
Band 71	10MHz	QPSK	133297	50RB#0	23.08	22.83
Band 71	10MHz	QPSK	133422	1RB#0	24.00	23.75
Band 71	10MHz	QPSK	133422	1RB#24	24.05	23.80
Band 71	10MHz	QPSK	133422	1RB#49	24.06	23.81
Band 71	10MHz	QPSK	133422	50RB#0	23.12	22.87
Band 71	10MHz	16QAM	133172	1RB#0	23.15	22.90
Band 71	10MHz	16QAM	133172	1RB#24	23.19	22.94
Band 71	10MHz	16QAM	133172	1RB#49	23.05	22.80
Band 71	10MHz	16QAM	133172	50RB#0	21.99	21.74
Band 71	10MHz	16QAM	133297	1RB#0	23.15	22.90
Band 71	10MHz	16QAM	133297	1RB#24	23.13	22.88
Band 71	10MHz	16QAM	133297	1RB#49	23.12	22.87
Band 71	10MHz	16QAM	133297	50RB#0	22.06	21.81
Band 71	10MHz	16QAM	133422	1RB#0	23.17	22.92
Band 71	10MHz	16QAM	133422	1RB#24	23.15	22.90
Band 71	10MHz	16QAM	133422	1RB#49	23.20	**22.95**
Band 71	10MHz	16QAM	133422	50RB#0	22.12	21.87
Band 71	10MHz	64QAM	133172	1RB#0	22.15	21.90
Band 71	10MHz	64QAM	133172	1RB#24	22.15	21.90
Band 71	10MHz	64QAM	133172	1RB#49	22.18	21.93
Band 71	10MHz	64QAM	133172	50RB#0	20.99	20.74
Band 71	10MHz	64QAM	133297	1RB#0	22.19	21.94
Band 71	10MHz	64QAM	133297	1RB#24	22.22	21.97
Band 71	10MHz	64QAM	133297	1RB#49	22.12	21.87
Band 71	10MHz	64QAM	133297	50RB#0	21.05	20.80
Band 71	10MHz	64QAM	133422	1RB#0	22.17	21.92
Band 71	10MHz	64QAM	133422	1RB#24	22.19	21.94
Band 71	10MHz	64QAM	133422	1RB#49	22.27	**22.02**
Band 71	10MHz	64QAM	133422	50RB#0	21.09	20.84
Band 71	10MHz	256QAM	133172	1RB#0	19.20	18.95
Band 71	10MHz	256QAM	133172	1RB#24	19.10	18.85
Band 71	10MHz	256QAM	133172	1RB#49	19.11	18.86
Band 71	10MHz	256QAM	133172	50RB#0	19.05	18.80
Band 71	10MHz	256QAM	133297	1RB#0	19.32	**19.07**
Band 71	10MHz	256QAM	133297	1RB#24	19.09	18.84
Band 71	10MHz	256QAM	133297	1RB#49	19.05	18.80
Band 71	10MHz	256QAM	133297	50RB#0	19.09	18.84
Band 71	10MHz	256QAM	133422	1RB#0	19.24	18.99
Band 71	10MHz	256QAM	133422	1RB#24	19.14	18.89
Band 71	10MHz	256QAM	133422	1RB#49	19.21	18.96
Band 71	10MHz	256QAM	133422	50RB#0	19.16	18.91

Note:

1. The conducted output power was copied from the original module report.
2. ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	ERP Power (dBm)
Band 71	15MHz	QPSK	133197	1RB#0	23.98	23.73
Band 71	15MHz	QPSK	133197	1RB#38	23.93	23.68
Band 71	15MHz	QPSK	133197	1RB#74	23.95	23.70
Band 71	15MHz	QPSK	133197	75RB#0	22.93	22.68
Band 71	15MHz	QPSK	133297	1RB#0	23.98	23.73
Band 71	15MHz	QPSK	133297	1RB#38	24.02	23.77
Band 71	15MHz	QPSK	133297	1RB#74	23.91	23.66
Band 71	15MHz	QPSK	133297	75RB#0	23.09	22.84
Band 71	15MHz	QPSK	133397	1RB#0	23.97	23.72
Band 71	15MHz	QPSK	133397	1RB#38	24.02	23.77
Band 71	15MHz	QPSK	133397	1RB#74	24.06	**23.81**
Band 71	15MHz	QPSK	133397	75RB#0	23.07	22.82
Band 71	15MHz	16QAM	133197	1RB#0	23.14	22.89
Band 71	15MHz	16QAM	133197	1RB#38	23.09	22.84
Band 71	15MHz	16QAM	133197	1RB#74	23.09	22.84
Band 71	15MHz	16QAM	133197	75RB#0	21.90	21.65
Band 71	15MHz	16QAM	133297	1RB#0	23.09	22.84
Band 71	15MHz	16QAM	133297	1RB#38	23.16	22.91
Band 71	15MHz	16QAM	133297	1RB#74	23.12	22.87
Band 71	15MHz	16QAM	133297	75RB#0	22.02	21.77
Band 71	15MHz	16QAM	133397	1RB#0	23.14	22.89
Band 71	15MHz	16QAM	133397	1RB#38	23.12	22.87
Band 71	15MHz	16QAM	133397	1RB#74	23.24	**22.99**
Band 71	15MHz	16QAM	133397	75RB#0	22.09	21.84
Band 71	15MHz	64QAM	133197	1RB#0	22.14	21.89
Band 71	15MHz	64QAM	133197	1RB#38	22.12	21.87
Band 71	15MHz	64QAM	133197	1RB#74	22.12	21.87
Band 71	15MHz	64QAM	133197	75RB#0	20.92	20.67
Band 71	15MHz	64QAM	133297	1RB#0	22.16	21.91
Band 71	15MHz	64QAM	133297	1RB#38	22.25	22.00
Band 71	15MHz	64QAM	133297	1RB#74	22.14	21.89
Band 71	15MHz	64QAM	133297	75RB#0	21.01	20.76
Band 71	15MHz	64QAM	133397	1RB#0	22.15	21.90
Band 71	15MHz	64QAM	133397	1RB#38	22.25	22.00
Band 71	15MHz	64QAM	133397	1RB#74	22.27	**22.02**
Band 71	15MHz	64QAM	133397	75RB#0	21.08	20.83
Band 71	15MHz	256QAM	133197	1RB#0	19.15	18.90
Band 71	15MHz	256QAM	133197	1RB#38	19.08	18.83
Band 71	15MHz	256QAM	133197	1RB#74	19.07	18.82
Band 71	15MHz	256QAM	133197	75RB#0	18.52	18.27
Band 71	15MHz	256QAM	133297	1RB#0	19.65	**19.40**
Band 71	15MHz	256QAM	133297	1RB#38	19.13	18.88
Band 71	15MHz	256QAM	133297	1RB#74	19.13	18.88
Band 71	15MHz	256QAM	133297	75RB#0	19.09	18.84
Band 71	15MHz	256QAM	133397	1RB#0	19.52	19.27
Band 71	15MHz	256QAM	133397	1RB#38	19.16	18.91
Band 71	15MHz	256QAM	133397	1RB#74	19.22	18.97
Band 71	15MHz	256QAM	133397	75RB#0	19.08	18.83

Note:

1. The conducted output power was copied from the original module report.
2. ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	ERP Power (dBm)
Band 71	20MHz	QPSK	133222	1RB#0	24.01	23.76
Band 71	20MHz	QPSK	133222	1RB#49	23.97	23.72
Band 71	20MHz	QPSK	133222	1RB#99	23.99	23.74
Band 71	20MHz	QPSK	133222	100RB#0	22.90	22.65
Band 71	20MHz	QPSK	133322	1RB#0	24.02	23.77
Band 71	20MHz	QPSK	133322	1RB#49	24.03	23.78
Band 71	20MHz	QPSK	133322	1RB#99	24.05	23.80
Band 71	20MHz	QPSK	133322	100RB#0	23.07	22.82
Band 71	20MHz	QPSK	133372	1RB#0	23.99	23.74
Band 71	20MHz	QPSK	133372	1RB#49	24.00	23.75
Band 71	20MHz	QPSK	133372	1RB#99	24.10	**23.85**
Band 71	20MHz	QPSK	133372	100RB#0	23.07	22.82
Band 71	20MHz	16QAM	133222	1RB#0	23.16	22.91
Band 71	20MHz	16QAM	133222	1RB#49	23.11	22.86
Band 71	20MHz	16QAM	133222	1RB#99	23.11	22.86
Band 71	20MHz	16QAM	133222	100RB#0	21.86	21.61
Band 71	20MHz	16QAM	133322	1RB#0	23.15	22.90
Band 71	20MHz	16QAM	133322	1RB#49	23.22	**22.97**
Band 71	20MHz	16QAM	133322	1RB#99	23.15	22.90
Band 71	20MHz	16QAM	133322	100RB#0	22.03	21.78
Band 71	20MHz	16QAM	133372	1RB#0	23.10	22.85
Band 71	20MHz	16QAM	133372	1RB#49	23.11	22.86
Band 71	20MHz	16QAM	133372	1RB#99	23.21	22.96
Band 71	20MHz	16QAM	133372	100RB#0	22.02	21.77
Band 71	20MHz	64QAM	133222	1RB#0	22.20	21.95
Band 71	20MHz	64QAM	133222	1RB#49	22.11	21.86
Band 71	20MHz	64QAM	133222	1RB#99	22.19	21.94
Band 71	20MHz	64QAM	133222	100RB#0	20.84	20.59
Band 71	20MHz	64QAM	133322	1RB#0	22.21	21.96
Band 71	20MHz	64QAM	133322	1RB#49	22.20	21.95
Band 71	20MHz	64QAM	133322	1RB#99	22.24	21.99
Band 71	20MHz	64QAM	133322	100RB#0	21.05	20.80
Band 71	20MHz	64QAM	133372	1RB#0	22.19	21.94
Band 71	20MHz	64QAM	133372	1RB#49	22.13	21.88
Band 71	20MHz	64QAM	133372	1RB#99	22.29	**22.04**
Band 71	20MHz	64QAM	133372	100RB#0	21.03	20.78
Band 71	20MHz	256QAM	133222	1RB#0	19.19	18.94
Band 71	20MHz	256QAM	133222	1RB#49	19.15	18.90
Band 71	20MHz	256QAM	133222	1RB#99	19.14	18.89
Band 71	20MHz	256QAM	133222	100RB#0	18.65	18.40
Band 71	20MHz	256QAM	133322	1RB#0	19.32	19.07
Band 71	20MHz	256QAM	133322	1RB#49	19.17	18.92
Band 71	20MHz	256QAM	133322	1RB#99	19.23	18.98
Band 71	20MHz	256QAM	133322	100RB#0	19.07	18.82
Band 71	20MHz	256QAM	133372	1RB#0	19.44	**19.19**
Band 71	20MHz	256QAM	133372	1RB#49	19.13	18.88
Band 71	20MHz	256QAM	133372	1RB#99	19.25	19.00
Band 71	20MHz	256QAM	133372	100RB#0	19.07	18.82

Note:

1. The conducted output power was copied from the original module report.
2. ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

7.2 Radiated Spurious Emissions below 1GHz

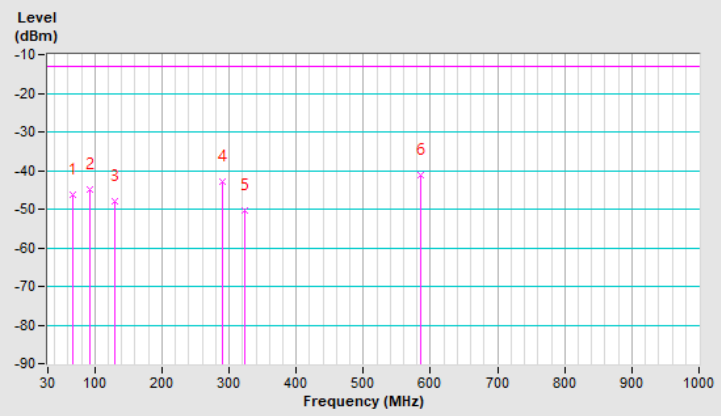
7.2.1 LTE Band 2

RF Mode	LTE Band 2 Channel Bandwidth: 20MHz	**Channel**	CH 19100：1900 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, 70% RH
Tested By	Thomas Cheng		

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	66.86	-46.23	-13.00	-33.23	2.50 H	2	62.83	-109.06
2	92.08	-44.78	-13.00	-31.78	2.00 H	80	68.26	-113.04
3	129.91	-48.11	-13.00	-35.11	1.00 H	259	60.56	-108.67
4	290.93	-42.85	-13.00	-29.85	1.50 H	118	64.39	-107.24
5	323.91	-50.39	-13.00	-37.39	1.00 H	15	56.01	-106.40
6	585.81	-41.15	-13.00	-28.15	2.00 H	75	59.79	-100.94

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 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.

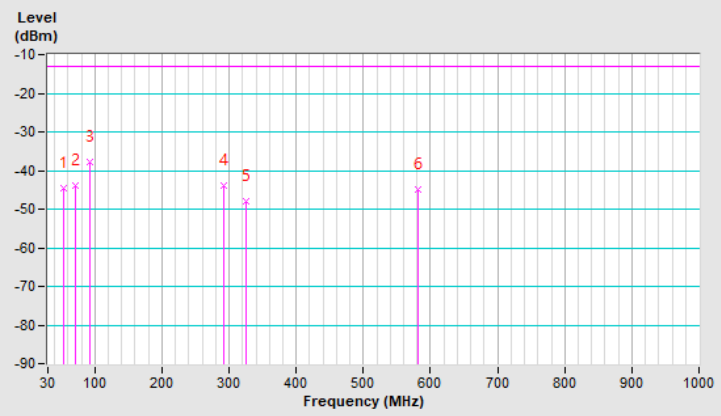


RF Mode	LTE Band 2 Channel Bandwidth: 20MHz	**Channel**	CH 19100：1900 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 70% RH
Tested By	Thomas Cheng		

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	53.28	-44.53	-13.00	-31.53	1.50 V	78	63.12	-107.65
2	71.71	-43.89	-13.00	-30.89	2.00 V	100	66.06	-109.95
3	**92.08**	**-37.91**	**-13.00**	**-24.91**	**1.50 V**	**160**	**75.13**	**-113.04**
4	291.90	-43.88	-13.00	-30.88	2.50 V	56	63.33	-107.21
5	324.88	-47.91	-13.00	-34.91	1.50 V	97	58.46	-106.37
6	580.96	-44.79	-13.00	-31.79	2.00 V	242	56.25	-101.04

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 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.



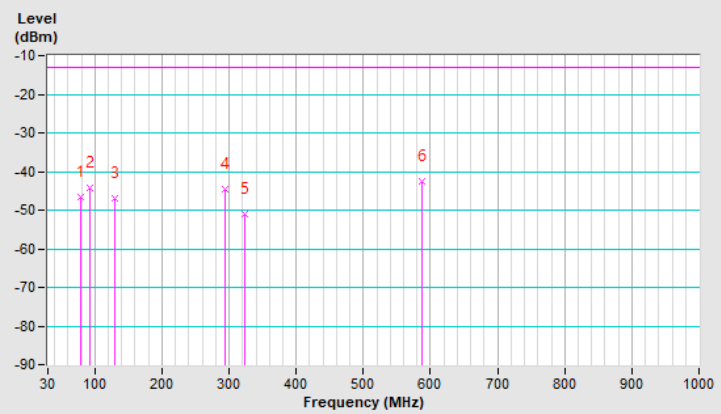
7.2.2 LTE Band 4

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, 70.3% RH
Tested By	Thomas Cheng		

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	78.50	-46.51	-13.00	-33.51	1.00 H	264	65.17	-111.68
2	93.05	-44.40	-13.00	-31.40	2.50 H	82	68.59	-112.99
3	128.94	-47.07	-13.00	-34.07	2.00 H	66	61.75	-108.82
4	293.84	-44.61	-13.00	-31.61	1.50 H	107	62.56	-107.17
5	323.91	-50.97	-13.00	-37.97	1.00 H	28	55.43	-106.40
6	587.75	-42.68	-13.00	-29.68	2.50 H	21	58.21	-100.89

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 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.

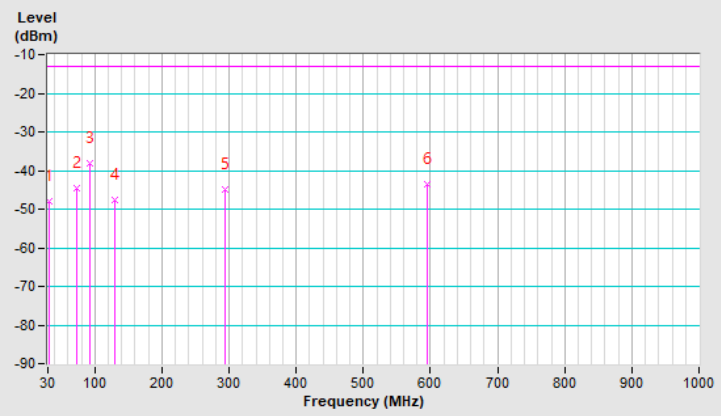


RF Mode	LTE Band 4 Channel Bandwidth: 20MHz	**Channel**	CH 20300：1745 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 70.3% RH
Tested By	Thomas Cheng		

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	32.91	-48.04	-13.00	-35.04	1.00 V	311	60.15	-108.19
2	73.65	-44.62	-13.00	-31.62	3.00 V	139	65.75	-110.37
3	92.08	-38.16	-13.00	-25.16	1.50 V	170	74.88	-113.04
4	129.91	-47.77	-13.00	-34.77	3.00 V	101	60.90	-108.67
5	293.84	-44.91	-13.00	-31.91	2.00 V	56	62.26	-107.17
6	595.51	-43.43	-13.00	-30.43	3.00 V	26	57.30	-100.73

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 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.



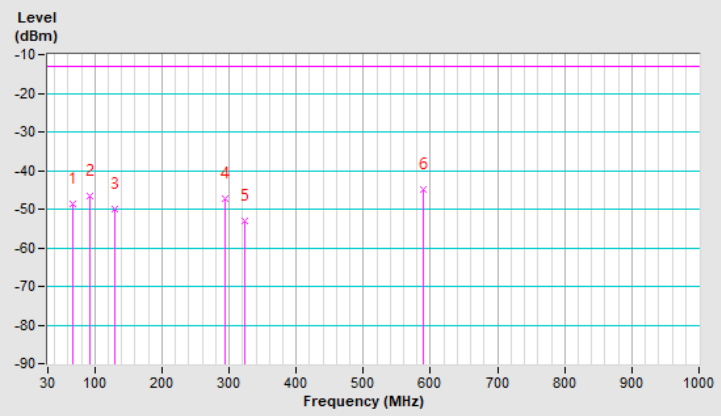
7.2.3 LTE Band 5

RF Mode	LTE Band 5 Channel Bandwidth: 5MHz	**Channel**	CH 20625：846.5 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, 70.3% RH
Tested By	Thomas Cheng		

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	66.86	-48.55	-13.00	-35.55	1.00 H	150	62.66	-111.21
2	93.05	-46.64	-13.00	-33.64	2.00 H	92	68.50	-115.14
3	128.94	-49.89	-13.00	-36.89	1.00 H	226	61.08	-110.97
4	293.84	-47.33	-13.00	-34.33	2.00 H	95	61.99	-109.32
5	322.94	-52.98	-13.00	-39.98	1.50 H	97	55.61	-108.59
6	588.72	-44.99	-13.00	-31.99	1.50 H	340	58.03	-103.02

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 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.

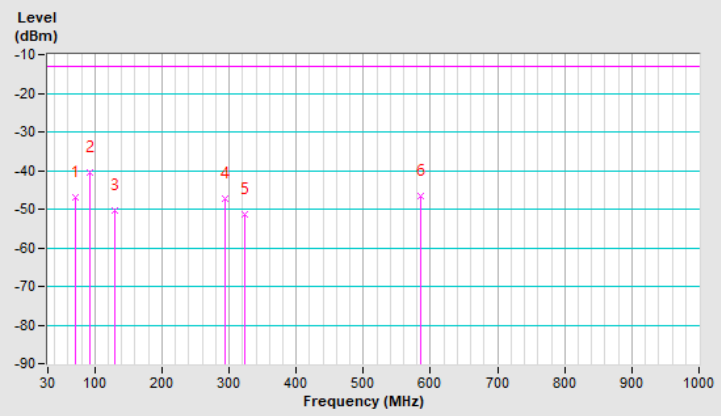


RF Mode	LTE Band 5 Channel Bandwidth: 5MHz	**Channel**	CH 20625：846.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 70.3% RH
Tested By	Thomas Cheng		

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	70.74	-47.07	-13.00	-34.07	1.00 V	125	64.80	-111.87
2	93.05	-40.41	-13.00	-27.41	1.00 V	165	74.73	-115.14
3	129.91	-50.18	-13.00	-37.18	2.50 V	283	60.64	-110.82
4	293.84	-47.40	-13.00	-34.40	2.00 V	62	61.92	-109.32
5	323.91	-51.22	-13.00	-38.22	2.50 V	90	57.33	-108.55
6	585.81	-46.67	-13.00	-33.67	2.00 V	14	56.42	-103.09

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 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.



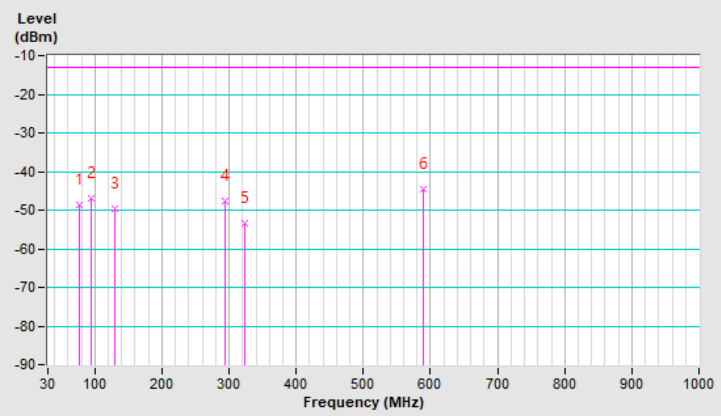
7.2.4 LTE Band 12

RF Mode	LTE Band 12 Channel Bandwidth: 5MHz	**Channel**	CH 23155：713.5 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, 70.3% RH
Tested By	Thomas Cheng		

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	77.53	-48.64	-13.00	-35.64	1.00 H	351	64.96	-113.60
2	94.02	-46.81	-13.00	-33.81	2.50 H	75	68.27	-115.08
3	129.91	-49.74	-13.00	-36.74	2.00 H	246	61.08	-110.82
4	293.84	-47.51	-13.00	-34.51	1.50 H	96	61.81	-109.32
5	323.91	-53.31	-13.00	-40.31	1.00 H	26	55.24	-108.55
6	589.69	-44.54	-13.00	-31.54	2.00 H	214	58.46	-103.00

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.

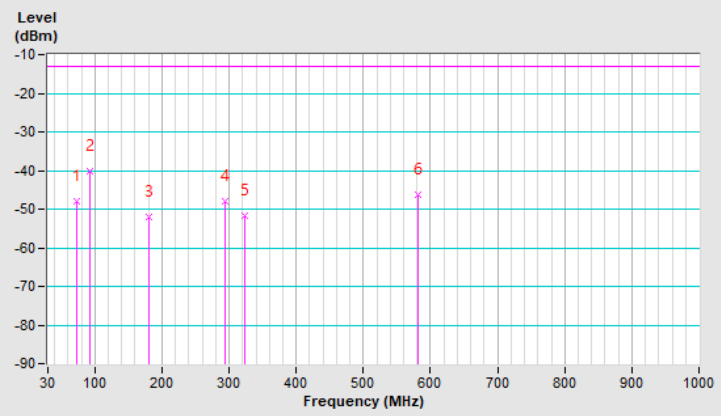


RF Mode	LTE Band 12 Channel Bandwidth: 5MHz	**Channel**	CH 23155：713.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 70.3% RH
Tested By	Thomas Cheng		

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	73.65	-47.99	-13.00	-34.99	2.50 V	168	64.53	-112.52
2	92.08	-40.29	-13.00	-27.29	1.00 V	178	74.90	-115.19
3	181.32	-52.04	-13.00	-39.04	2.50 V	278	59.57	-111.61
4	294.81	-48.05	-13.00	-35.05	2.00 V	182	61.26	-109.31
5	323.91	-51.62	-13.00	-38.62	1.50 V	178	56.93	-108.55
6	580.96	-46.30	-13.00	-33.30	1.50 V	156	56.89	-103.19

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.



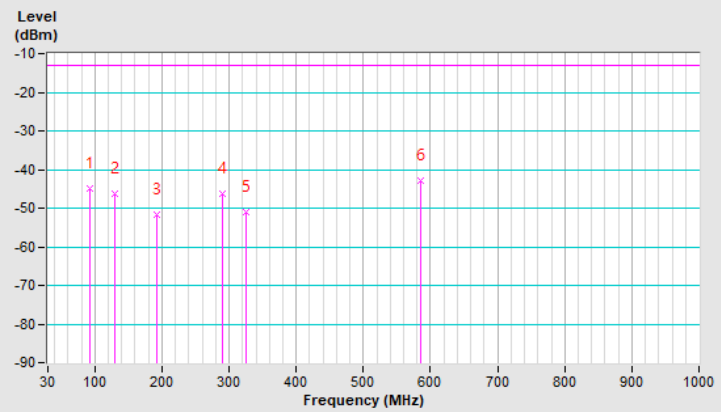
7.2.5 LTE Band 25

RF Mode	LTE Band 25 Channel Bandwidth: 20MHz	**Channel**	CH 26590：1905 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, 70.3% RH
Tested By	Thomas Cheng		

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	92.08	-44.83	-13.00	-31.83	2.50 H	80	68.21	-113.04
2	128.94	-46.35	-13.00	-33.35	1.00 H	255	62.47	-108.82
3	191.99	-51.73	-13.00	-38.73	2.00 H	73	58.84	-110.57
4	289.96	-46.34	-13.00	-33.34	2.00 H	97	60.91	-107.25
5	324.88	-51.05	-13.00	-38.05	1.00 H	11	55.32	-106.37
6	584.84	-42.78	-13.00	-29.78	1.00 H	35	58.16	-100.94

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 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.

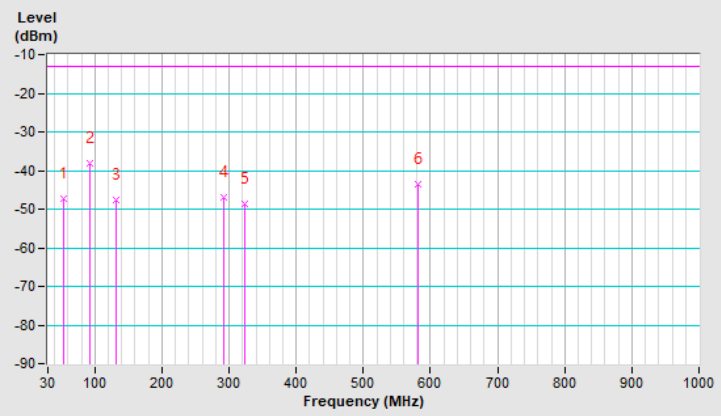


RF Mode	LTE Band 25 Channel Bandwidth: 20MHz	**Channel**	CH 26590：1905 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 70.3% RH
Tested By	Thomas Cheng		

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	53.28	-47.33	-13.00	-34.33	1.00 V	134	60.32	-107.65
2	93.05	-38.12	-13.00	-25.12	1.00 V	215	74.87	-112.99
3	130.88	-47.76	-13.00	-34.76	3.00 V	104	60.90	-108.66
4	292.87	-47.05	-13.00	-34.05	1.50 V	189	60.15	-107.20
5	322.94	-48.77	-13.00	-35.77	2.00 V	116	57.67	-106.44
6	580.96	-43.60	-13.00	-30.60	2.50 V	26	57.44	-101.04

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 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.



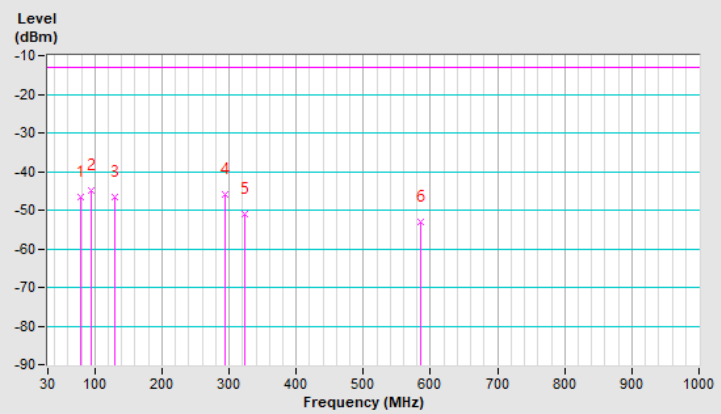
7.2.6 LTE Band 66

RF Mode	LTE Band 66 Channel Bandwidth: 5MHz	**Channel**	CH 132647：1777.5 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, 70.3% RH
Tested By	Thomas Cheng		

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	78.50	-46.50	-13.00	-33.50	1.00 H	2	65.18	-111.68
2	94.02	-45.02	-13.00	-32.02	2.00 H	84	67.91	-112.93
3	129.91	-46.64	-13.00	-33.64	1.50 H	255	62.03	-108.67
4	293.84	-45.85	-13.00	-32.85	1.00 H	101	61.32	-107.17
5	322.94	-51.18	-13.00	-38.18	2.00 H	195	55.26	-106.44
6	585.81	-52.89	-13.00	-39.89	2.00 H	304	48.05	-100.94

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 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.

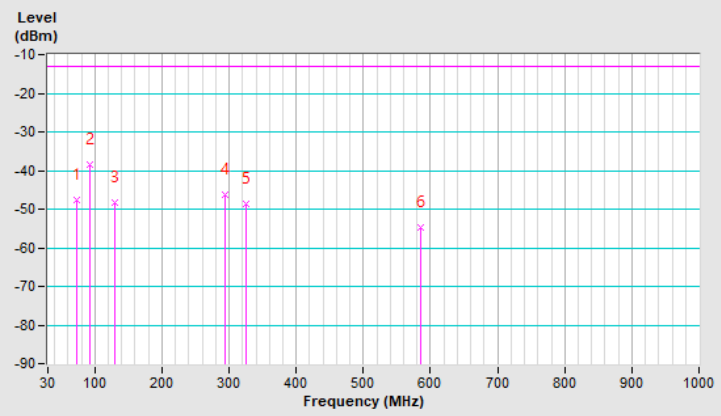


RF Mode	LTE Band 66 Channel Bandwidth: 5MHz	**Channel**	CH 132647：1777.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 70.3% RH
Tested By	Thomas Cheng		

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	73.65	-47.53	-13.00	-34.53	1.00 V	7	62.84	-110.37
2	93.05	-38.46	-13.00	-25.46	1.00 V	206	74.53	-112.99
3	129.91	-48.40	-13.00	-35.40	2.00 V	2	60.27	-108.67
4	293.84	-46.15	-13.00	-33.15	1.50 V	59	61.02	-107.17
5	324.88	-48.70	-13.00	-35.70	2.50 V	2	57.67	-106.37
6	585.81	-54.64	-13.00	-41.64	3.00 V	144	46.30	-100.94

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 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.



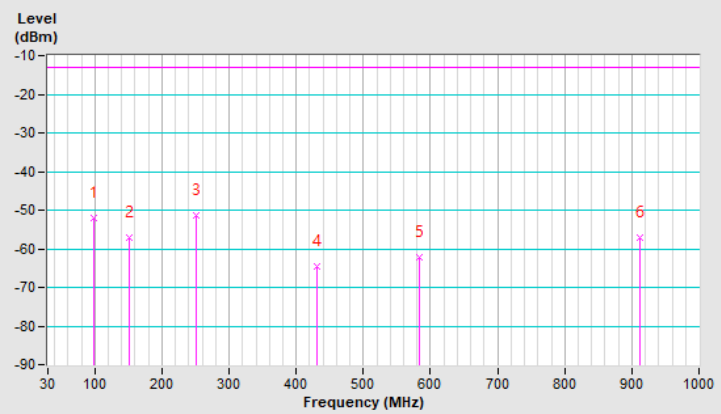
7.2.7 LTE Band 71

RF Mode	LTE Band 71 Channel Bandwidth: 20MHz	**Channel**	CH 133372：688 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 70.3% RH
Tested By	vincent chen		

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	97.90	-51.94	-13.00	-38.94	1.50 H	109	62.58	-114.52
2	150.28	-57.08	-13.00	-44.08	1.00 H	158	52.73	-109.81
3	250.19	-51.50	-13.00	-38.50	2.00 H	30	59.53	-111.03
4	430.61	-64.72	-13.00	-51.72	1.00 H	186	41.30	-106.02
5	582.90	-62.36	-13.00	-49.36	1.50 H	47	40.78	-103.14
6	911.73	-57.07	-13.00	-44.07	2.00 H	102	41.21	-98.28

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.

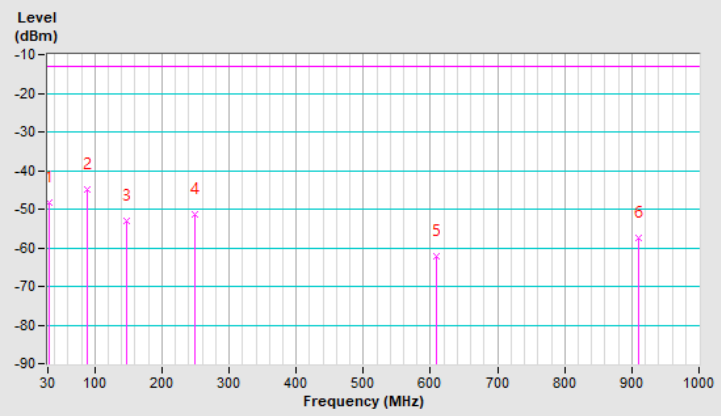


RF Mode	LTE Band 71 Channel Bandwidth: 20MHz	**Channel**	CH 133372：688 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 70.3% RH
Tested By	vincent chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	32.91	-48.36	-13.00	-35.36	1.50 V	137	61.98	-110.34
2	89.17	-44.77	-13.00	-31.77	1.00 V	161	70.65	-115.42
3	146.40	-52.99	-13.00	-39.99	2.00 V	161	56.85	-109.84
4	249.22	-51.24	-13.00	-38.24	1.00 V	28	59.81	-111.05
5	609.09	-62.05	-13.00	-49.05	2.00 V	180	40.49	-102.54
6	910.76	-57.38	-13.00	-44.38	2.00 V	81	40.91	-98.29

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 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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-44.31	-13.00	-31.31	1.23 H	274	63.41	-107.72
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	-49.08	-13.00	-36.08	2.64 V	152	58.64	-107.72

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-44.40	-13.00	-31.40	1.23 H	287	-31.90	-12.50
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	-49.57	-13.00	-36.57	2.27 V	156	58.23	-107.80

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-44.30	-13.00	-31.30	1.24 H	169	63.41	-107.71
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	-49.08	-13.00	-36.08	2.27 V	285	58.63	-107.71

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-44.36	-13.00	-31.36	2.62 H	225	63.36	-107.72
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	-49.08	-13.00	-36.08	1.63 V	287	58.64	-107.72

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-44.53	-13.00	-31.53	1.52 H	22	63.27	-107.80
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	-49.33	-13.00	-36.33	2.52 V	314	58.47	-107.80

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-44.56	-13.00	-31.56	1.15 H	278	63.17	-107.73
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	3815.00	-49.31	-13.00	-36.31	2.21 V	188	58.42	-107.73

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.

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-44.40	-13.00	-31.40	1.63 H	254	63.36	-107.76
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	3720.00	-49.13	-13.00	-36.13	2.22 V	177	58.63	-107.76

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.

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-44.22	-13.00	-31.22	1.12 H	263	63.58	-107.80
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	-49.06	-13.00	-36.06	3.25 V	197	58.74	-107.80

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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**	**-44.06**	**-13.00**	**-31.06**	**1.78 H**	**206**	**63.73**	**-107.79**
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	3800.00	-49.50	-13.00	-36.50	2.55 V	120	58.29	-107.79

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.

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-52.28	-13.00	-39.28	1.24 H	27	56.52	-108.80
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	-54.57	-13.00	-41.57	2.54 V	116	54.23	-108.80

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-51.47	-13.00	-38.47	1.52 H	222	56.78	-108.25
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	3465.00	-54.02	-13.00	-41.02	2.14 V	89	54.23	-108.25

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 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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-51.44	-13.00	-38.44	1.22 H	198	56.27	-107.71
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	-53.42	-13.00	-40.42	2.52 V	232	54.29	-107.71

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-52.48	-13.00	-39.48	1.12 H	204	56.28	-108.76
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	3425.00	-54.14	-13.00	-41.14	2.78 V	155	54.62	-108.76

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.

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-52.02	-13.00	-39.02	2.97 H	144	56.23	-108.25
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	3465.00	-53.96	-13.00	-40.96	1.23 V	205	54.29	-108.25

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 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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-51.54	-13.00	-38.54	1.14 H	269	56.17	-107.71
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	-53.13	-13.00	-40.13	3.34 V	178	54.58	-107.71

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 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: 10MHz	**Channel**	CH 20000：1715 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	3430.00	-48.58	-13.00	-35.58	2.13 H	156	60.13	-108.71
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	3430.00	-53.35	-13.00	-40.35	1.25 V	202	55.36	-108.71

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 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: 10MHz	**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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-47.90	-13.00	-34.90	2.74 H	112	60.35	-108.25
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	3465.00	-52.78	-13.00	-39.78	1.03 V	265	55.47	-108.25

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 4 Channel Bandwidth: 10MHz	**Channel**	CH 20350：1750 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	3500.00	-47.47	-13.00	-34.47	1.62 H	278	60.23	-107.70
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	3500.00	-52.41	-13.00	-39.41	2.07 V	117	55.29	-107.70

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-52.11	-13.00	-39.11	1.14 H	252	56.49	-108.60
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	-54.34	-13.00	-41.34	2.52 V	111	54.26	-108.60

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-51.97	-13.00	-38.97	1.15 H	253	56.28	-108.25
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	3465.00	-53.58	-13.00	-40.58	2.29 V	174	54.67	-108.25

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 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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-51.38	-13.00	-38.38	1.96 H	285	56.48	-107.86
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	-53.60	-13.00	-40.60	2.05 V	11	54.26	-107.86

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-56.79	-13.00	-43.79	1.52 H	225	60.23	-117.02
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	1649.40	-61.65	-13.00	-48.65	2.27 V	159	55.37	-117.02

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 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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-56.64	-13.00	-43.64	1.63 H	227	60.34	-116.98
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	-61.22	-13.00	-48.22	2.52 V	321	55.76	-116.98

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-56.79	-13.00	-43.79	1.52 H	107	60.16	-116.95
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	-61.48	-13.00	-48.48	2.33 V	178	55.47	-116.95

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-56.63	-13.00	-43.63	1.68 H	264	60.38	-117.01
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	-61.59	-13.00	-48.59	2.24 V	165	55.42	-117.01

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-56.70	-13.00	-43.70	1.25 H	163	60.28	-116.98
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	-61.42	-13.00	-48.42	2.52 V	147	55.56	-116.98

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-56.41	-13.00	-43.41	1.52 H	267	60.56	-116.97
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	-61.55	-13.00	-48.55	2.63 V	222	55.42	-116.97

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-56.82	-13.00	-43.82	2.27 H	169	60.18	-117.00
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	-61.52	-13.00	-48.52	1.78 V	225	55.48	-117.00

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-56.51	-13.00	-43.51	1.15 H	235	60.47	-116.98
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	-61.51	-13.00	-48.51	3.25 V	174	55.47	-116.98

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-56.54	-13.00	-43.54	2.42 H	165	60.42	-116.96
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	-61.70	-13.00	-48.70	1.63 V	227	55.26	-116.96

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 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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-59.35	-13.00	-46.35	2.41 H	178	57.26	-116.61
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	-60.98	-13.00	-47.98	1.23 V	205	55.63	-116.61

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-59.49	-13.00	-46.49	1.24 H	226	57.15	-116.64
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1415.00	-62.19	-13.00	-49.19	2.56 V	152	54.45	-116.64

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.

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-59.20	-13.00	-46.20	1.65 H	225	57.46	-116.66
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	-61.95	-13.00	-48.95	2.52 V	321	54.71	-116.66

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-59.00	-13.00	-46.00	1.42 H	228	57.62	-116.62
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	-62.36	-13.00	-49.36	2.58 V	141	54.26	-116.62

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-59.17	-13.00	-46.17	1.20 H	256	57.47	-116.64
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1415.00	-62.35	-13.00	-49.35	2.54 V	169	54.29	-116.64

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.

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-58.70	-13.00	-45.70	2.08 H	145	57.96	-116.66
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	-62.31	-13.00	-49.31	1.11 V	255	54.35	-116.66

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-58.75	-13.00	-45.75	1.20 H	134	57.88	-116.63
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	-61.31	-13.00	-48.31	2.32 V	141	55.32	-116.63

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-59.22	-13.00	-46.22	1.23 H	256	57.42	-116.64
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1415.00	-62.43	-13.00	-49.43	1.58 V	15	54.21	-116.64

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.

RF Mode	LTE Band 12 Channel Bandwidth: 10MHz	**Channel**	CH 23130：711 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-59.17	-13.00	-46.17	1.65 H	225	57.48	-116.65
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	-62.38	-13.00	-49.38	3.24 V	287	54.27	-116.65

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.

7.3.5 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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-47.40	-13.00	-34.40	1.23 H	247	60.32	-107.72
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	-51.47	-13.00	-38.47	2.42 V	168	56.25	-107.72

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-47.56	-13.00	-34.56	1.52 H	225	60.25	-107.81
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	3765.00	-51.66	-13.00	-38.66	2.41 V	169	56.15	-107.81

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: 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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-47.54	-13.00	-34.54	1.67 H	245	60.13	-107.67
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	-51.29	-13.00	-38.29	2.05 V	178	56.38	-107.67

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-47.36	-13.00	-34.36	1.52 H	253	60.36	-107.72
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	-51.14	-13.00	-38.14	2.54 V	158	56.58	-107.72

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-47.64	-13.00	-34.64	2.46 H	168	60.17	-107.81
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	3765.00	-51.43	-13.00	-38.43	1.52 V	222	56.38	-107.81

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 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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-47.21	-13.00	-34.21	1.27 H	252	60.46	-107.67
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	-51.20	-13.00	-38.20	1.77 V	259	56.47	-107.67

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-47.30	-13.00	-34.30	1.27 H	116	60.46	-107.76
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	3720.00	-50.27	-13.00	-37.27	2.68 V	56	57.49	-107.76

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.

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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-47.56	-13.00	-34.56	1.06 H	178	60.25	-107.81
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	3765.00	-51.58	-13.00	-38.58	3.57 V	145	56.23	-107.81

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: 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**	23°C, 70.3% RH
Tested By	Vincent Chen		

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	-47.18	-13.00	-34.18	1.27 H	298	60.57	-107.75
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	-51.34	-13.00	-38.34	2.20 V	256	56.41	-107.75

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.

7.3.6 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**	23°C, 70% RH
Tested By	Thomas Cheng		

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	-48.00	-13.00	-35.00	1.72 H	343	60.80	-108.80
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	-52.27	-13.00	-39.27	2.44 V	23	56.53	-108.80

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**	23°C, 70% RH
Tested By	Thomas Cheng		

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	-47.37	-13.00	-34.37	2.93 H	182	60.49	-107.86
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	-51.22	-13.00	-38.22	1.67 V	220	56.64	-107.86

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**	23°C, 70% RH
Tested By	Thomas Cheng		

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	-47.09	-13.00	-34.09	1.75 H	134	60.68	-107.77
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	3558.60	-51.41	-13.00	-38.41	1.88 V	231	56.36	-107.77

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 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**	23°C, 70% RH
Tested By	Thomas Cheng		

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	-48.30	-13.00	-35.30	3.77 H	269	60.46	-108.76
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	3425.00	-52.06	-13.00	-39.06	1.71 V	181	56.70	-108.76

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.

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**	23°C, 70% RH
Tested By	Thomas Cheng		

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	-47.27	-13.00	-34.27	3.86 H	92	60.59	-107.86
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	-51.65	-13.00	-38.65	1.19 V	152	56.21	-107.86

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**	23°C, 70% RH
Tested By	Thomas Cheng		

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	-46.84	-13.00	-33.84	2.73 H	308	60.91	-107.75
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	-51.42	-13.00	-38.42	2.61 V	125	56.33	-107.75

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**	23°C, 70% RH
Tested By	Thomas Cheng		

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	-47.88	-13.00	-34.88	3.44 H	73	60.72	-108.60
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	-51.81	-13.00	-38.81	3.68 V	58	56.79	-108.60

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**	23°C, 70% RH
Tested By	Thomas Cheng		

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	-47.20	-13.00	-34.20	1.22 H	250	60.66	-107.86
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	-51.40	-13.00	-38.40	1.32 V	297	56.46	-107.86

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**	23°C, 70% RH
Tested By	Thomas Cheng		

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	-46.99	-13.00	-33.99	3.43 H	214	60.75	-107.74
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	-50.94	-13.00	-37.94	2.84 V	310	56.80	-107.74

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 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**	23°C, 70% RH
Tested By	Thomas Cheng		

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	-57.39	-13.00	-44.39	2.83 H	302	59.49	-116.88
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	-60.31	-13.00	-47.31	1.90 V	13	56.57	-116.88

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**	23°C, 70% RH
Tested By	Thomas Cheng		

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	-57.44	-13.00	-44.44	3.47 H	71	59.33	-116.77
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	-60.17	-13.00	-47.17	1.83 V	157	56.60	-116.77

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**	23°C, 70% RH
Tested By	Thomas Cheng		

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	-57.06	-13.00	-44.06	3.94 H	308	59.59	-116.65
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	-59.91	-13.00	-46.91	1.84 V	321	56.74	-116.65

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**	23°C, 70% RH
Tested By	Thomas Cheng		

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	-57.16	-13.00	-44.16	1.55 H	58	59.67	-116.83
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	-60.33	-13.00	-47.33	2.89 V	171	56.50	-116.83

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**	23°C, 70% RH
Tested By	Thomas Cheng		

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	-57.37	-13.00	-44.37	1.71 H	216	59.40	-116.77
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	-60.53	-13.00	-47.53	1.22 V	346	56.24	-116.77

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**	23°C, 70% RH
Tested By	Thomas Cheng		

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	-56.79	-13.00	-43.79	1.67 H	75	59.92	-116.71
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	-60.07	-13.00	-47.07	1.13 V	274	56.64	-116.71

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.

If you have any comments, please feel free to contact us at the following:

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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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