Partial FCC Test Report
(Part 27 – LTE B4/B7/B12/B13/B66/B71)

Report No.:	RFBDTL-WTW-P21060469-6
FCC ID:	VUI-DAV001
Test Model:	AG521R-NA
Received Date:	Feb. 15, 2022
Test Date:	Mar. 26 ~ Apr. 16, 2022
Issued Date:	May 19, 2022
Applicant:	PEGATRON CORPORATION
Address:	5F., NO. 76, LIGONG ST., BEITOU DISTRICT, TAIPEI CITY 11259, TAIWAN
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. 70, Wenming Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)
FCC Registration / Designation Number:	281270 / TW0032

This report is for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents. Unless specific mention, the uncertainty of measurement has been explicitly taken into account to declare the compliance or non-compliance to the specification.

Table of Contents

Release Control Record

Issue No.	Description	Date Issued
RFBDTL-WTW-P21060469-6	Original release	May 19, 2022

1 Certificate of Conformity

Product:	LTE Module
Brand:	Quectel
Test Model:	AG521R-NA
Sample Status:	PVT
Applicant:	PEGATRON CORPORATION
Test Date:	Mar. 26 ~ Apr. 16, 2022
Standards:	FCC Part 27, Subpart C, F, H, L, M, N

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.

Prepared by : Celine Chou , **Date:** May 19, 2022

Celine Chou / Senior Specialist

Approved by : Jeremy Lin , **Date:** May 19, 2022

Jeremy Lin / Project Engineer

2 Summary of Test Results

For LTE Band 4, B66

Applied Standard: FCC Part 27 & Part 2			
FCC Clause	Test Item	Result	Remarks
2.1046 27.50 (d)	Equivalent Isotropically radiated power	Pass	Meet the requirement of limit.
2.1047	Modulation characteristics	N/A	Refer to Note
2.1055 27.54	Frequency Stability	N/A	Refer to Note
2.1049	Emission Bandwidth	N/A	Refer to Note
2.1051 27.53 (h)	Out of Band Emission Measurements	N/A	Refer to Note
27.50 (d)(5)	Peak To Average Ratio	N/A	Refer to Note
2.1051 27.53 (h)	Conducted Spurious Emissions	N/A	Refer to Note
2.1053 27.53 (h)	Radiated Spurious Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -19.01dB at 59.10MHz.

Note:

1. This report is a partial report, only test item of Equivalent Isotropically radiated power and Radiated Emissions were performed for this report. Other testing data please refer to MRT Technology (Suzhou) Co., Ltd. report no.: 2101RSU050-U6 V01 for module (Brand: Quectel, Model: AG521R-NA).
2. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

For LTE Band 7

Applied Standard: FCC Part 27 & Part 2			
FCC Clause	Test Item	Result	Remarks
2.1046 27.50 (h)(2)	Equivalent Isotropically radiated power	Pass	Meet the requirement of limit.
2.1047	Modulation characteristics	N/A	Refer to Note
2.1055 27.54	Frequency Stability	N/A	Refer to Note
2.1049	Emission Bandwidth	N/A	Refer to Note
2.1051 27.53 (m)(4)(6)	Channel Edge / Out of Band Emission Measurements	N/A	Refer to Note
--	Peak To Average Ratio	N/A	Refer to Note
2.1051 27.53 (m)(4)(6)	Conducted Spurious Emissions	N/A	Refer to Note
2.1053 27.53 (m)(4)(6)	Radiated Spurious Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -6.80dB at 59.10MHz.

Note:

1. This report is a partial report, only test item of Equivalent Isotropically radiated power and Radiated Emissions were performed for this report. Other testing data please refer to MRT Technology (Suzhou) Co., Ltd. report no.: 2101RSU050-U6 V01 for module (Brand: Quectel, Model: AG521R-NA).
2. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

For LTE Band 12, LTE Band 71

Applied Standard: FCC Part 27 & Part 2			
FCC Clause	Test Item	Result	Remarks
2.1046 27.50 (c)	Equivalent radiated power	Pass	Meet the requirement of limit.
2.1047	Modulation characteristics	N/A	Refer to Note
2.1055 27.54	Frequency Stability	N/A	Refer to Note
2.1049	Emission Bandwidth	N/A	Refer to Note
2.1051 27.53 (g)	Out of Band Emission Measurements	N/A	Refer to Note
--	Peak To Average Ratio	N/A	Refer to Note
2.1051 27.53 (g)	Conducted Spurious Emissions	N/A	Refer to Note
2.1053 27.53 (g)	Radiated Spurious Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -19.44dB at 59.10MHz.

Note:

1. This report is a partial report, only test item of Equivalent radiated power and Radiated Emissions were performed for this report. Other testing data please refer to MRT Technology (Suzhou) Co., Ltd. report no.: 2101RSU050-U6 V01 for module (Brand: Quectel, Model: AG521R-NA).
2. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

For LTE Band 13

Applied Standard: FCC Part 27 & Part 2			
FCC Clause	Test Item	Result	Remarks
2.1046 27.50 (b)	Equivalent radiated power	Pass	Meet the requirement of limit.
2.1047	Modulation characteristics	N/A	Refer to Note
2.1055 27.54	Frequency Stability	N/A	Refer to Note
2.1049	Emission Bandwidth	N/A	Refer to Note
2.1051 27.53 (c)	Out of Band Emission Measurements	N/A	Refer to Note
--	Peak To Average Ratio	N/A	Refer to Note
2.1051 27.53 (c)(f)	Conducted Spurious Emissions	N/A	Refer to Note
2.1053 27.53 (c)(f)	Radiated Spurious Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -11.87dB at 1564.00MHz.

Note:

1. This report is a partial report, only test item of Equivalent radiated power and Radiated Emissions were performed for this report. Other testing data please refer to MRT Technology (Suzhou) Co., Ltd. report no.: 2101RSU050-U6 V01 for module (Brand: Quectel, Model: AG521R-NA).
2. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2.1 Measurement Uncertainty

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

Measurement	Frequency	Expanded Uncertainty (k=2) (±)
Radiated Emissions up to 1 GHz	9kHz ~ 30MHz	3.00 dB
	30MHz ~ 200MHz	2.91 dB
	200MHz ~1000MHz	2.93 dB
Radiated Emissions above 1 GHz	1GHz ~ 18GHz	1.76 dB
	18GHz ~ 40GHz	1.77 dB

2.2 Test Site and Instruments

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Test Receiver KEYSIGHT	N9038B	MY60180018	Feb. 18, 2022	Feb. 17, 2023
Spectrum Analyzer KEYSIGHT	N9020B	MY60110513	Dec. 24, 2021	Dec. 23, 2022
BILOG Antenna SCHWARZBECK	VULB9168	9168-1214	Oct. 27, 2021	Oct. 26, 2022
HORN Antenna RF SPIN	DRH18-E	210101A18E	Nov. 14, 2021	Nov. 13, 2022
HORN Antenna SCHWARZBECK	BBHA 9170	9170-1049	Nov. 14, 2021	Nov. 13, 2022
Loop Antenna EMCI	EM-6879	269	Sep. 16, 2021	Sep. 15, 2022
Loop Antenna TESEQ	HLA 6121	45745	Jul. 21, 2021	Jul. 20, 2022
Preamplifier EMCI	EMC330N	980798	Jan. 17, 2022	Jan. 16, 2023
Preamplifier EMCI	EMC118A45SE	980809	Dec. 30, 2021	Dec. 29, 2022
Preamplifier EMCI	EMC184045SE	980786	Jan. 17, 2022	Jan. 16, 2023
RF signal cable EMCI	EMC104-SM-SM-(9000+3000+1000)	201244+ 201232+ 210103	Jan. 17, 2022	Jan. 16, 2023
RF signal cable EMCI	EMCCFD400-NM-NM-(9000+3000+500)	201251+ 201249+ 201248	Jan. 17, 2022	Jan. 16, 2023
RF signal cable EMCI	EMC101G-KM-KM-(5000+3000+2000)	201261+201258+201255	Jan. 17, 2022	Jan. 16, 2023
Software BV ADT	ADT_Radiated_V7.6.15.9.5	NA	NA	NA
Antenna Tower Max-Full	MFA-515BSN	NA	NA	NA
Turn Table Max-Full	MFT-201SS	NA	NA	NA
Turn Table Controller Max-Full	MF-7802BS	MF780208676	NA	NA
Boresight Antenna Fixture	FBA-01	FBA-SIP01	NA	NA
DC Power Supply Keysight	U8002A	MY56330015	NA	NA
Spectrum Analyzer ROHDE & SCHWARZ	FSV40	100979	Mar. 29, 2021	Mar. 28, 2022
			Mar. 25, 2022	Mar. 24, 2023
Radio Communication Analyzer Anritsu	MT8820C	6201010284	Dec. 24, 2021	Dec. 23, 2022

Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in WM Chamber 9.

3 General Information

3.1 General Description of EUT

Product	LTE Module	
Brand	Quectel	
Test Model	AG521R-NA	
Sample Status	PVT	
Power Supply Rating	3.3-4.3Vdc, Typical 3.8Vdc	
Modulation Type	QPSK, 16QAM, 64QAM	
Operating Frequency	LTE Band 4 (Channel Bandwidth 1.4MHz)	1710.7MHz ~ 1754.3MHz
	LTE Band 4 (Channel Bandwidth 3MHz)	1711.5MHz ~ 1753.5MHz
	LTE Band 4 (Channel Bandwidth 5MHz)	1712.5MHz ~ 1752.5MHz
	LTE Band 4 (Channel Bandwidth 10MHz)	1715.0MHz ~ 1750.0MHz
	LTE Band 4 (Channel Bandwidth 15MHz)	1717.5MHz ~ 1747.5MHz
	LTE Band 4 (Channel Bandwidth 20MHz)	1720.0MHz ~ 1745.0MHz
	LTE Band 7 (Channel Bandwidth 5MHz)	2502.5MHz ~ 2567.5MHz
	LTE Band 7 (Channel Bandwidth 10MHz)	2505.0MHz ~ 2565.0MHz
	LTE Band 7 (Channel Bandwidth 15MHz)	2507.5MHz ~ 2562.5MHz
	LTE Band 7 (Channel Bandwidth 20MHz)	2510.0MHz ~ 2560.0MHz
	LTE Band 12 (Channel Bandwidth 1.4MHz)	699.7MHz ~ 715.3MHz
	LTE Band 12 (Channel Bandwidth 3MHz)	700.5MHz ~ 714.5MHz
	LTE Band 12 (Channel Bandwidth 5MHz)	701.5MHz ~ 713.5MHz
	LTE Band 12 (Channel Bandwidth 10MHz)	704.0MHz ~ 711.0MHz
	LTE Band 13 (Channel Bandwidth 5MHz)	779.5MHz ~ 784.5MHz
	LTE Band 13 (Channel Bandwidth 10MHz)	782.0MHz
	LTE Band 66 (Channel Bandwidth 1.4MHz)	1710.7MHz ~ 1779.3MHz
	LTE Band 66 (Channel Bandwidth 3MHz)	1711.5MHz ~ 1778.5MHz
	LTE Band 66 (Channel Bandwidth 5MHz)	1712.5MHz ~ 1777.5MHz
	LTE Band 66 (Channel Bandwidth 10MHz)	1715.0MHz ~ 1775.0MHz
	LTE Band 66 (Channel Bandwidth 15MHz)	1717.5MHz ~ 1772.5MHz
	LTE Band 66 (Channel Bandwidth 20MHz)	1720.0MHz ~ 1770.0MHz
	LTE Band 71 (Channel Bandwidth 5MHz)	665.5MHz ~ 695.5MHz
	LTE Band 71 (Channel Bandwidth 10MHz)	668.0MHz ~ 693.0MHz
	LTE Band 71 (Channel Bandwidth 15MHz)	670.5MHz ~ 690.5MHz
	LTE Band 71 (Channel Bandwidth 20MHz)	673.0MHz ~ 688.0MHz

		QPSK	16QAM	64QAM
Max. EIRP Power (EUT + Antenna 1 (Main Source))	LTE Band 4 (Channel Bandwidth 1.4MHz)	204.644mW (23.11dBm)	159.956mW (22.04dBm)	127.644mW (21.06dBm)
	LTE Band 4 (Channel Bandwidth 3MHz)	205.589mW (23.13dBm)	158.855mW (22.01dBm)	123.595mW (20.92dBm)
	LTE Band 4 (Channel Bandwidth 5MHz)	204.644mW (23.11dBm)	159.588mW (22.03dBm)	125.314mW (20.98dBm)
	LTE Band 4 (Channel Bandwidth 10MHz)	200.909mW (23.03dBm)	161.808mW (22.09dBm)	132.434mW (21.22dBm)
	LTE Band 4 (Channel Bandwidth 15MHz)	202.768mW (23.07dBm)	160.325mW (22.05dBm)	129.122mW (21.11dBm)
	LTE Band 4 (Channel Bandwidth 20MHz)	207.970mW (23.18dBm)	160.694mW (22.06dBm)	129.122mW (21.11dBm)
	LTE Band 7 (Channel Bandwidth 5MHz)	204.644mW (23.11dBm)	177.828mW (22.50dBm)	141.254mW (21.50dBm)
	LTE Band 7 (Channel Bandwidth 10MHz)	205.116mW (23.12dBm)	172.187mW (22.36dBm)	131.220mW (21.18dBm)
	LTE Band 7 (Channel Bandwidth 15MHz)	204.174mW (23.10dBm)	179.061mW (22.53dBm)	142.233mW (21.53dBm)
	LTE Band 7 (Channel Bandwidth 20MHz)	212.814mW (23.28dBm)	170.608mW (22.32dBm)	139.316mW (21.44dBm)
	LTE Band 66 (Channel Bandwidth 1.4MHz)	204.644mW (23.11dBm)	166.341mW (22.21dBm)	134.586mW (21.29dBm)
	LTE Band 66 (Channel Bandwidth 3MHz)	206.063mW (23.14dBm)	161.065mW (22.07dBm)	125.026mW (20.97dBm)
	LTE Band 66 (Channel Bandwidth 5MHz)	208.930mW (23.20dBm)	171.002mW (22.33dBm)	131.220mW (21.18dBm)
	LTE Band 66 (Channel Bandwidth 10MHz)	207.491mW (23.17dBm)	161.436mW (22.08dBm)	130.017mW (21.14dBm)
	LTE Band 66 (Channel Bandwidth 15MHz)	205.116mW (23.12dBm)	161.436mW (22.08dBm)	127.938mW (21.07dBm)
	LTE Band 66 (Channel Bandwidth 20MHz)	210.378mW (23.23dBm)	169.824mW (22.30dBm)	137.404mW (21.38dBm)

		QPSK	16QAM	64QAM
Max. EIRP Power (EUT + Antenna 2 (2nd Source))	LTE Band 4 (Channel Bandwidth 1.4MHz)	218.776mW (23.40dBm)	173.380mW (22.39dBm)	141.579mW (21.51dBm)
	LTE Band 4 (Channel Bandwidth 3MHz)	216.770mW (23.36dBm)	169.434mW (22.29dBm)	132.434mW (21.22dBm)
	LTE Band 4 (Channel Bandwidth 5MHz)	216.770mW (23.36dBm)	179.887mW (22.55dBm)	147.231mW (21.68dBm)
	LTE Band 4 (Channel Bandwidth 10MHz)	219.280mW (23.41dBm)	175.388mW (22.44dBm)	137.404mW (21.38dBm)
	LTE Band 4 (Channel Bandwidth 15MHz)	216.272mW (23.35dBm)	168.267mW (22.26dBm)	138.995mW (21.43dBm)
	LTE Band 4 (Channel Bandwidth 20MHz)	220.800mW (23.44dBm)	177.419mW (22.49dBm)	138.676mW (21.42dBm)
	LTE Band 7 (Channel Bandwidth 5MHz)	204.644mW (23.11dBm)	170.608mW (22.32dBm)	133.660mW (21.26dBm)
	LTE Band 7 (Channel Bandwidth 10MHz)	201.837mW (23.05dBm)	170.216mW (22.31dBm)	137.404mW (21.38dBm)
	LTE Band 7 (Channel Bandwidth 15MHz)	203.704mW (23.09dBm)	168.655mW (22.27dBm)	135.519mW (21.32dBm)
	LTE Band 7 (Channel Bandwidth 20MHz)	208.930mW (23.20dBm)	174.582mW (22.42dBm)	133.660mW (21.26dBm)
	LTE Band 66 (Channel Bandwidth 1.4MHz)	207.970mW (23.18dBm)	160.325mW (22.05dBm)	124.165mW (20.94dBm)
	LTE Band 66 (Channel Bandwidth 3MHz)	206.063mW (23.14dBm)	166.725mW (22.22dBm)	133.968mW (21.27dBm)
	LTE Band 66 (Channel Bandwidth 5MHz)	210.863mW (23.24dBm)	161.065mW (22.07dBm)	127.644mW (21.06dBm)
	LTE Band 66 (Channel Bandwidth 10MHz)	207.491mW (23.17dBm)	167.109mW (22.23dBm)	138.676mW (21.42dBm)
	LTE Band 66 (Channel Bandwidth 15MHz)	207.491mW (23.17dBm)	163.305mW (22.13dBm)	133.660mW (21.26dBm)
	LTE Band 66 (Channel Bandwidth 20MHz)	212.324mW (23.27dBm)	172.187mW (22.36dBm)	133.660mW (21.26dBm)

		QPSK	16QAM	64QAM
Max. EIRP Power (EUT + Antenna 3)	LTE Band 4 (Channel Bandwidth 1.4MHz)	209.894mW (23.22dBm)	171.791mW (22.35dBm)	136.773mW (21.36dBm)
	LTE Band 4 (Channel Bandwidth 3MHz)	212.324mW (23.27dBm)	172.982mW (22.38dBm)	132.739mW (21.23dBm)
	LTE Band 4 (Channel Bandwidth 5MHz)	211.836mW (23.26dBm)	170.216mW (22.31dBm)	138.357mW (21.41dBm)
	LTE Band 4 (Channel Bandwidth 10MHz)	210.863mW (23.24dBm)	162.181mW (22.10dBm)	133.045mW (21.24dBm)
	LTE Band 4 (Channel Bandwidth 15MHz)	210.378mW (23.23dBm)	167.494mW (22.24dBm)	133.045mW (21.24dBm)
	LTE Band 4 (Channel Bandwidth 20MHz)	213.304mW (23.29dBm)	172.982mW (22.38dBm)	139.316mW (21.44dBm)
	LTE Band 7 (Channel Bandwidth 5MHz)	207.970mW (23.18dBm)	162.930mW (22.12dBm)	134.276mW (21.28dBm)
	LTE Band 7 (Channel Bandwidth 10MHz)	207.970mW (23.18dBm)	169.044mW (22.28dBm)	137.088mW (21.37dBm)
	LTE Band 7 (Channel Bandwidth 15MHz)	206.538mW (23.15dBm)	170.216mW (22.31dBm)	131.826mW (21.20dBm)
	LTE Band 7 (Channel Bandwidth 20MHz)	207.491mW (23.17dBm)	167.494mW (22.24dBm)	127.644mW (21.06dBm)
	LTE Band 66 (Channel Bandwidth 1.4MHz)	219.280mW (23.41dBm)	175.792mW (22.45dBm)	135.519mW (21.32dBm)
	LTE Band 66 (Channel Bandwidth 3MHz)	218.776mW (23.40dBm)	179.887mW (22.55dBm)	138.038mW (21.40dBm)
	LTE Band 66 (Channel Bandwidth 5MHz)	215.774mW (23.34dBm)	178.238mW (22.51dBm)	147.911mW (21.70dBm)
	LTE Band 66 (Channel Bandwidth 10MHz)	217.771mW (23.38dBm)	178.238mW (22.51dBm)	141.579mW (21.51dBm)
	LTE Band 66 (Channel Bandwidth 15MHz)	218.273mW (23.39dBm)	169.824mW (22.30dBm)	135.519mW (21.32dBm)
	LTE Band 66 (Channel Bandwidth 20MHz)	220.800mW (23.44dBm)	176.604mW (22.47dBm)	138.676mW (21.42dBm)

Max. ERP Power (EUT + Antenna 1 (Main Source))		QPSK	16QAM	64QAM
	LTE Band 12 (Channel Bandwidth 1.4MHz)	103.514mW (20.15dBm)	85.310mW (19.31dBm)	68.077mW (18.33dBm)
	LTE Band 12 (Channel Bandwidth 3MHz)	108.143mW (20.34dBm)	87.297mW (19.41dBm)	71.945mW (18.57dBm)
	LTE Band 12 (Channel Bandwidth 5MHz)	106.905mW (20.29dBm)	85.114mW (19.30dBm)	67.920mW (18.32dBm)
	LTE Band 12 (Channel Bandwidth 10MHz)	109.901mW (20.41dBm)	86.099mW (19.35dBm)	71.450mW (18.54dBm)
	LTE Band 13 (Channel Bandwidth 5MHz)	103.514mW (20.15dBm)	79.433mW (19.00dBm)	65.917mW (18.19dBm)
	LTE Band 13 (Channel Bandwidth 10MHz)	105.925mW (20.25dBm)	82.414mW (19.16dBm)	73.114mW (18.64dBm)
	LTE Band 71 (Channel Bandwidth 5MHz)	123.310mW (20.91dBm)	96.383mW (19.84dBm)	76.736mW (18.85dBm)
	LTE Band 71 (Channel Bandwidth 10MHz)	118.032mW (20.72dBm)	94.842mW (19.77dBm)	73.621mW (18.67dBm)
	LTE Band 71 (Channel Bandwidth 15MHz)	116.681mW (20.67dBm)	92.897mW (19.68dBm)	74.817mW (18.74dBm)
	LTE Band 71 (Channel Bandwidth 20MHz)	119.399mW (20.77dBm)	98.855mW (19.95dBm)	82.224mW (19.15dBm)
Max. ERP Power (EUT + Antenna 2 (2nd Source))		QPSK	16QAM	64QAM
	LTE Band 12 (Channel Bandwidth 1.4MHz)	101.625mW (20.07dBm)	81.658mW (19.12dBm)	66.222mW (18.21dBm)
	LTE Band 12 (Channel Bandwidth 3MHz)	105.196mW (20.22dBm)	86.099mW (19.35dBm)	70.469mW (18.48dBm)
	LTE Band 12 (Channel Bandwidth 5MHz)	103.753mW (20.16dBm)	84.140mW (19.25dBm)	68.234mW (18.34dBm)
	LTE Band 12 (Channel Bandwidth 10MHz)	106.905mW (20.29dBm)	84.723mW (19.28dBm)	64.863mW (18.12dBm)
	LTE Band 13 (Channel Bandwidth 5MHz)	103.514mW (20.15dBm)	85.507mW (19.32dBm)	67.298mW (18.28dBm)
	LTE Band 13 (Channel Bandwidth 10MHz)	108.393mW (20.35dBm)	87.902mW (19.44dBm)	72.611mW (18.61dBm)
	LTE Band 71 (Channel Bandwidth 5MHz)	122.180mW (20.87dBm)	95.280mW (19.79dBm)	77.090mW (18.87dBm)
	LTE Band 71 (Channel Bandwidth 10MHz)	117.761mW (20.71dBm)	94.406mW (19.75dBm)	76.384mW (18.83dBm)
	LTE Band 71 (Channel Bandwidth 15MHz)	114.551mW (20.59dBm)	93.756mW (19.72dBm)	73.961mW (18.69dBm)
	LTE Band 71 (Channel Bandwidth 20MHz)	118.032mW (20.72dBm)	92.257mW (19.65dBm)	76.384mW (18.83dBm)

Max. ERP Power (EUT + Antenna 3)		QPSK	16QAM	64QAM
	LTE Band 12 (Channel Bandwidth 1.4MHz)	107.152mW (20.30dBm)	81.658mW (19.12dBm)	65.464mW (18.16dBm)
	LTE Band 12 (Channel Bandwidth 3MHz)	106.414mW (20.27dBm)	86.896mW (19.39dBm)	69.183mW (18.40dBm)
	LTE Band 12 (Channel Bandwidth 5MHz)	107.152mW (20.30dBm)	83.946mW (19.24dBm)	67.298mW (18.28dBm)
	LTE Band 12 (Channel Bandwidth 10MHz)	109.144mW (20.38dBm)	90.782mW (19.58dBm)	73.451mW (18.66dBm)
	LTE Band 13 (Channel Bandwidth 5MHz)	89.331mW (19.51dBm)	73.621mW (18.67dBm)	59.429mW (17.74dBm)
	LTE Band 13 (Channel Bandwidth 10MHz)	91.622mW (19.62dBm)	74.989mW (18.75dBm)	60.256mW (17.80dBm)
	LTE Band 71 (Channel Bandwidth 5MHz)	116.681mW (20.67dBm)	95.499mW (19.80dBm)	77.625mW (18.90dBm)
	LTE Band 71 (Channel Bandwidth 10MHz)	112.720mW (20.52dBm)	90.991mW (19.59dBm)	74.131mW (18.70dBm)
	LTE Band 71 (Channel Bandwidth 15MHz)	112.460mW (20.51dBm)	91.622mW (19.62dBm)	71.779mW (18.56dBm)
	LTE Band 71 (Channel Bandwidth 20MHz)	113.240mW (20.54dBm)	89.331mW (19.51dBm)	72.277mW (18.59dBm)
Antenna Type	Refer to note			
Antenna Connector	Refer to note			
Accessory Device	NA			
Cable Supplied	NA			

Note:

1. The differences compared with the original report are added antennas. Only test item of Effective Radiated Power and Radiated Emissions were performed for this report. Other testing data please refer to MRT Technology (Suzhou) Co., Ltd. report no.: 2101RSU050-U6 V01 for module (Brand: Quectel, Model: AG521R-NA).

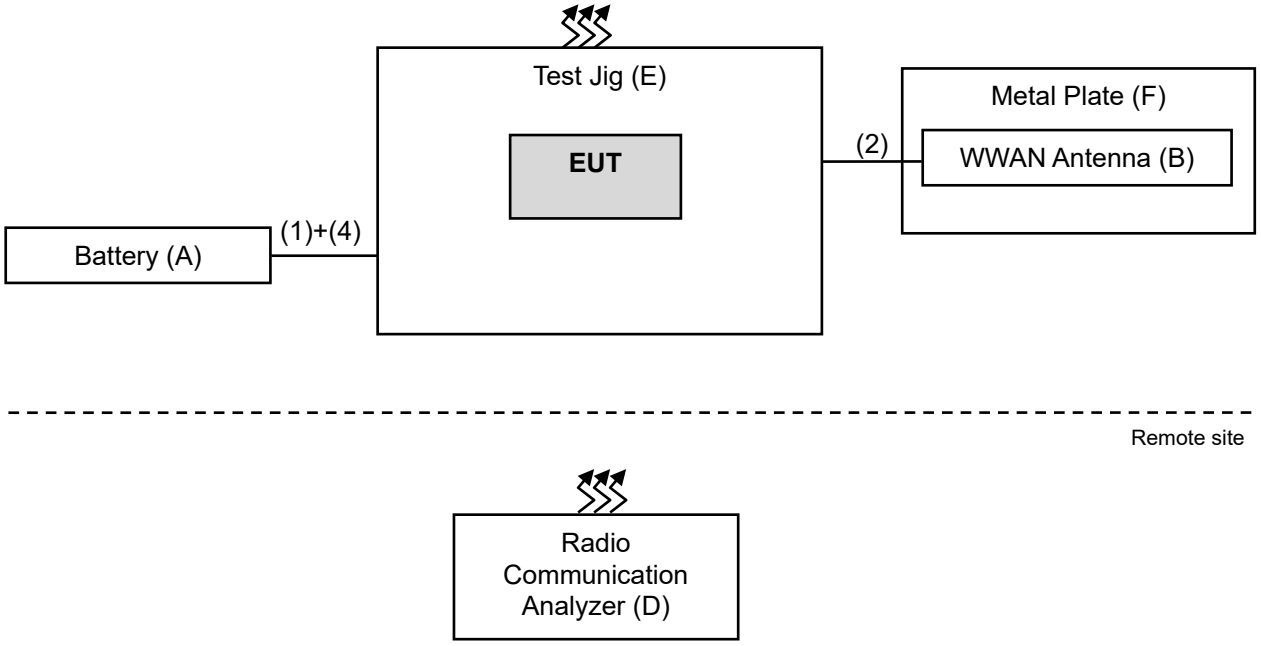
2. The antenna information for new antenna is listed as below.

Type	Connector	Ant. No.		Gain (dBi)										
				LTE B2	LTE B4	LTE B5	LTE B7	LTE B12	LTE B13	LTE B14	LTE B25	LTE B26	LTE B66	LTE B71
Multi-Band Monopole	Fakra	Antenna 1 (Main Source)	85004262 LTE_Primary	**4.22**	2.47	**3.16**	**4.47**	**2.78**	**2.94**	**3.08**	**4.22**	**3.16**	2.47	**2.78**
			85004262 LTE_Secondary	3.50	**3.31**	2.39	3.80	1.86	2.02	2.06	3.50	2.39	**3.31**	1.87
		Antenna 2 (2nd Source)	85004262 LTE_Primary	**4.22**	2.47	**3.16**	**4.47**	**2.78**	**2.94**	**3.08**	**4.22**	**3.16**	2.47	**2.78**
			85004262 LTE_Secondary	3.50	**3.31**	2.39	3.80	1.86	2.02	2.06	3.50	2.39	**3.31**	1.87
		Antenna 3	85004261 LTE/GNSS_Primary	**4.22**	2.47	**3.16**	**4.47**	**2.78**	**2.94**	**3.08**	**4.22**	**3.16**	2.47	**2.78**
			85004261 LTE/GNSS_Secondary	3.50	**3.31**	2.39	3.80	1.86	2.02	2.06	3.50	2.39	**3.31**	1.87

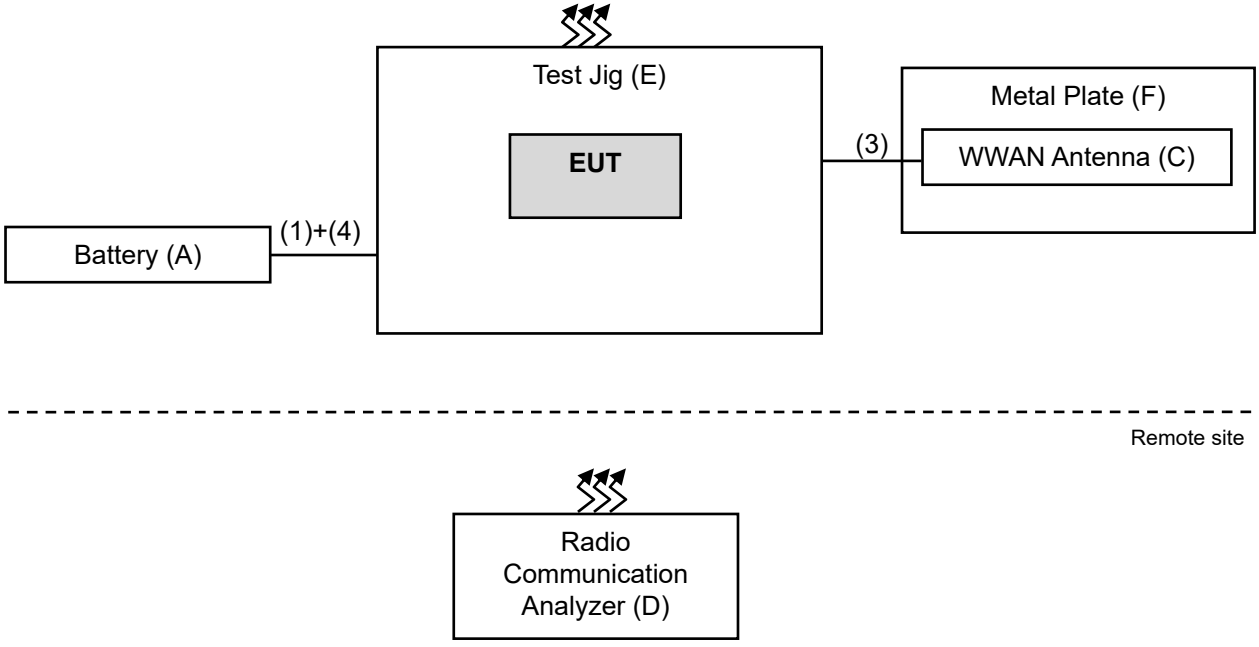
* Antenna 2 was provided by the manufacturer for verified test.
* max. gain for each band was chosen to final test.
* The above Antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

3.2 Configuration of System under Test

EUT + Antenna 1 (Main Source) and EUT + Antenna 2 (2nd Source)



EUT + Antenna 3



3.2.1 Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A.	Battery	YUASA	75D23R-CMF II	NA	NA	-
B.	WWAN Antenna	Continental	85004262	NA	NA	Provided by client
C.	WWAN Antenna	Continental	85004261	NA	NA	Provided by client
D.	Radio Communication Analyzer	Anritsu	MT8821C	6261806803	NA	-
E.	Test Jig		84945296C	NA	NA	Provided by client
F.	Metal Plate	NA	NA	NA	NA	Provided by client

Note:

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

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1.	Power cable	1	2	N	0	Provided by client 2M (With Power Supply 0.85M Cable, 0.3M Cable, 1.8M Cable)
2.	Rosenberger Harness_TANG LTE	2	2.35	N	0	Provided by client
3.	Rosenberger Harness_TANG LTE/GNSS	1	2.35	N	0	Provided by client
4.	Power cable	1	2	N	0	-

3.3 Test Mode Applicability and Tested Channel Detail

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates, XYZ axis and antenna ports. The EUT was positioned on the X-plane during testing. Following channel(s) was (were) selected for the final test as listed below.

LTE Band 4

EUT Configure Mode	Test Item	Available Channel	Tested Channel	Channel Bandwidth	Modulation	RB #
-	EIRP	19957 to 20393	19957 (1710.7MHz), 20175 (1732.5MHz), 20393 (1754.3MHz)	1.4MHz	QPSK / 16QAM / 64QAM	1
		19965 to 20385	19965 (1711.5MHz), 20175 (1732.5MHz), 20385 (1753.5MHz)	3MHz	QPSK / 16QAM / 64QAM	1
		19975 to 20375	19975 (1712.5MHz), 20175 (1732.5MHz), 20375 (1752.5MHz)	5MHz	QPSK / 16QAM / 64QAM	1
		20000 to 20350	20000 (1715.0MHz), 20175 (1732.5MHz), 20350 (1750.0MHz)	10MHz	QPSK / 16QAM / 64QAM	1
		20025 to 20325	20025 (1717.5MHz), 20175 (1732.5MHz), 20325 (1747.5MHz)	15MHz	QPSK / 16QAM / 64QAM	1
		20050 to 20300	20050 (1720.0MHz), 20175 (1732.5MHz), 20300 (1745.0MHz)	20MHz	QPSK / 16QAM / 64QAM	1
-	Radiated Emission Below 1GHz	19975 to 20375	20375 (1752.5MHz)	5MHz	QPSK	1
-	Radiated Emission Above 1GHz	19957 to 20393	19957 (1710.7MHz), 20175 (1732.5MHz), 20393 (1754.3MHz)	1.4MHz	QPSK	1
		19975 to 20375	19975 (1712.5MHz), 20175 (1732.5MHz), 20375 (1752.5MHz)	5MHz	QPSK	1
		20050 to 20300	20050 (1720.0MHz), 20175 (1732.5MHz), 20300 (1745.0MHz)	20MHz	QPSK	1

Note:

1. For radiated emission below 1GHz, select the worst radiated emission channel (above 1GHz) for final testing.
2. For radiated emission above 1GHz, according to 3GPP 36.521-1 Section 6.6.3.1.4.1, choose the lowest, 5MHz & highest channel bandwidth for final test.
3. The output power for QPSK, 16QAM and 64QAM, measured value of QPSK is higher than 16QAM, and 64QAM mode. Therefore, Radiated Emission was performed under QPSK mode according to the maximum output power.

LTE Band 7

EUT Configure Mode	Test item	Available channel	Tested channel	Channel Bandwidth	Modulation	RB #
-	EIRP	20775 to 21425	20775 (2502.5MHz), 21100 (2535.0MHz), 21425 (2567.5MHz)	5MHz	QPSK / 16QAM / 64QAM	1
		20800 to 21400	20800 (2505.0MHz), 21100 (2535.0MHz), 21400 (2565.0MHz)	10MHz	QPSK / 16QAM / 64QAM	1
		20825 to 21375	20825 (2507.5MHz), 21100 (2535.0MHz), 21375 (2562.5MHz)	15MHz	QPSK / 16QAM / 64QAM	1
		20850 to 21350	20850 (2510.0MHz), 21100 (2535.0MHz), 21350 (2560.0MHz)	20MHz	QPSK / 16QAM / 64QAM	1
-	Radiated Emission Below 1GHz	20850 to 21350	21100 (2535.0MHz)	20MHz	QPSK	1
-	Radiated Emission Above 1GHz	20775 to 21425	20775 (2502.5MHz), 21100 (2535.0MHz), 21425 (2567.5MHz)	5MHz	QPSK	1
		20850 to 21350	20850 (2510.0MHz), 21100 (2535.0MHz), 21350 (2560.0MHz)	20MHz	QPSK	1

Note:

1. For radiated emission below 1GHz, select the worst radiated emission channel (above 1GHz) for final testing.
2. For radiated emission above 1GHz, according to 3GPP 36.521-1 Section 6.6.3.1.4.1, choose the 5MHz & highest channel bandwidth for final test.
3. The output power for QPSK, 16QAM and 64QAM, measured value of QPSK is higher than 16QAM, and 64QAM mode. Therefore, Radiated Emission was performed under QPSK mode according to the maximum output power.

LTE Band 12

EUT Configure Mode	Test item	Available channel	Tested channel	Channel Bandwidth	Modulation	RB #
-	ERP	23017 to 23173	23017 (699.7MHz), 23095 (707.5MHz), 23173 (715.3MHz)	1.4MHz	QPSK / 16QAM / 64QAM	1
		23025 to 23165	23025 (700.5MHz), 23095 (707.5MHz), 23165 (714.5MHz)	3MHz	QPSK / 16QAM / 64QAM	1
		23035 to 23155	23035 (701.5MHz), 23095 (707.5MHz), 23155 (713.5MHz)	5MHz	QPSK / 16QAM / 64QAM	1
		23060 to 23130	23060 (704.0MHz), 23095 (707.5MHz), 23130 (711.0 MHz)	10MHz	QPSK / 16QAM / 64QAM	1
-	Radiated Emission Below 1GHz	23060 to 23130	23095 (707.5MHz)	10MHz	QPSK	1
-	Radiated Emission Above 1GHz	23017 to 23173	23017 (699.7MHz), 23095 (707.5MHz), 23173 (715.3MHz)	1.4MHz	QPSK	1
		23035 to 23155	23035 (701.5MHz), 23095 (707.5MHz), 23155 (713.5MHz)	5MHz	QPSK	1
		23060 to 23130	23060 (704.0MHz), 23095 (707.5MHz), 23130 (711.0MHz)	10MHz	QPSK	1

Note:

1. For radiated emission below 1GHz, select the worst radiated emission channel (above 1GHz) for final testing.
2. For radiated emission above 1GHz, according to 3GPP 36.521-1 Section 6.6.3.1.4.1, choose the lowest, 5MHz & highest channel bandwidth for final test.
3. The output power for QPSK, 16QAM and 64QAM, measured value of QPSK is higher than 16QAM, and 64QAM mode. Therefore, Radiated Emission was performed under QPSK mode according to the maximum output power.

LTE Band 13

EUT Configure Mode	Test item	Available channel	Tested channel	Channel Bandwidth	Modulation	RB #
-	ERP	23205 to 23255	23205 (779.5MHz), 23230 (782.0MHz), 23255 (784.5MHz)	5MHz	QPSK / 16QAM / 64QAM	1
		23230	23230 (782.0MHz)	10MHz	QPSK / 16QAM / 64QAM	1
-	Radiated Emission Below 1GHz	23230	23230 (782.0MHz)	10MHz	QPSK	1
-	Radiated Emission Above 1GHz	23205 to 23255	23205 (779.5MHz), 23230 (782.0MHz), 23255 (784.5MHz)	5MHz	QPSK	1
		23230	23230 (782.0MHz)	10MHz	QPSK	1

Note:

1. For radiated emission below 1GHz, select the worst radiated emission channel (above 1GHz) for final testing.
2. For radiated emission above 1GHz, according to 3GPP 36.521-1 Section 6.6.3.1.4.1, choose the 5MHz & highest channel bandwidth for final test.
3. The output power for QPSK, 16QAM and 64QAM, measured value of QPSK is higher than 16QAM, and 64QAM mode. Therefore, Radiated Emission was performed under QPSK mode according to the maximum output power.

LTE Band 66

EUT Configure Mode	Test Item	Available Channel	Tested Channel	Channel Bandwidth	Modulation	RB #
-	EIRP	131979 to 132665	131979 (1710.7MHz), 132322 (1745.0MHz), 132665 (1779.3MHz)	1.4MHz	QPSK / 16QAM / 64QAM	1
		131987 to 132657	131987 (1711.5MHz), 132322 (1745.0MHz), 132657 (1778.5MHz)	3MHz	QPSK / 16QAM / 64QAM	1
		131997 to 132647	131997 (1712.5MHz), 132322 (1745.0MHz), 132647 (1777.5MHz)	5MHz	QPSK / 16QAM / 64QAM	1
		132022 to 132622	132022 (1715.0MHz), 132322 (1745.0MHz), 132622 (1775.0MHz)	10MHz	QPSK / 16QAM / 64QAM	1
		132047 to 132597	132047 (1717.5MHz), 132322 (1745.0MHz), 132597 (1772.5MHz)	15MHz	QPSK / 16QAM / 64QAM	1
		132072 to 132572	132072 (1720.0MHz), 132322 (1745.0MHz), 132572 (1770.0MHz)	20MHz	QPSK / 16QAM / 64QAM	1
-	Radiated Emission Below 1GHz	131997 to 132647	132647 (1777.5MHz)	5MHz	QPSK	1
-	Radiated Emission Above 1GHz	131979 to 132665	131979 (1710.7MHz), 132322 (1745.0MHz), 132665 (1779.3MHz)	1.4MHz	QPSK	1
		131997 to 132647	131997 (1712.5MHz), 132322 (1745.0MHz), 132647 (1777.5MHz)	5MHz	QPSK	1
		132072 to 132572	132072 (1720.0MHz), 132322 (1745.0MHz), 132572 (1770.0MHz)	20MHz	QPSK	1

Note:

1. For radiated emission below 1GHz, select the worst radiated emission channel (above 1GHz) for final testing.
2. For radiated emission above 1GHz, according to 3GPP 36.521-1 Section 6.6.3.1.4.1, choose the lowest, 5MHz & highest channel bandwidth for final test.
3. The output power for QPSK, 16QAM and 64QAM, measured value of QPSK is higher than 16QAM, and 64QAM mode. Therefore, Radiated Emission was performed under QPSK mode according to the maximum output power.

LTE Band 71

EUT Configure Mode	Test item	Available channel	Tested channel	Channel Bandwidth	Modulation	Mode
-	ERP	133147 to 133447	133147 (665.5MHz), 133297 (680.5MHz), 133447 (695.5MHz)	5MHz	QPSK / 16QAM / 64QAM	1
		133172 to 133422	133172 (668.0MHz), 133297 (680.5MHz), 133422 (693.0MHz)	10MHz	QPSK / 16QAM / 64QAM	1
		133197 to 133397	133197 (670.5MHz), 133297 (680.5MHz), 133397 (690.5MHz)	15MHz	QPSK / 16QAM / 64QAM	1
		133222 to 133372	133222 (673.0MHz), 133297 (680.5MHz), 133372 (688.0MHz)	20MHz	QPSK / 16QAM / 64QAM	1
-	Radiated Emission Below 1GHz	133222 to 133372	133297 (680.5MHz)	20MHz	QPSK	1
-	Radiated Emission Above 1GHz	133147 to 133447	133147 (665.5MHz), 133297 (680.5MHz), 133447 (695.5MHz)	5MHz	QPSK	1
		133222 to 133372	133222 (673.0MHz), 133297 (680.5MHz), 133372 (688.0MHz)	20MHz	QPSK	1

Note:

1. For radiated emission below 1GHz, select the worst radiated emission channel (above 1GHz) for final testing.
2. For radiated emission above 1GHz, according to 3GPP 36.521-1 Section 6.6.3.1.4.1, choose the 5MHz & highest channel bandwidth for final test.
3. The output power for QPSK, 16QAM and 64QAM, measured value of QPSK is higher than 16QAM, and 64QAM mode. Therefore, Radiated Emission was performed under QPSK mode according to the maximum output power.

Test Condition:

Test Item	Environmental Conditions	Input Power	Tested By
EIRP / ERP	21deg. C, 67%RH	12Vdc	Edison Lee Tim Chen
Radiated Emission	21deg. C, 67%RH	12Vdc	Edison Lee Tim Chen

3.4 EUT Operating Conditions

The EUT makes a call to the communication simulator. The communication simulator station system controlled a EUT to export maximum output power under transmission mode and specific channel frequency

3.5 General Description of Applied Standards and References

The EUT is a RF Product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards and References:

Test Standard:

FCC 47 CFR Part 2

FCC 47 CFR Part 27

ANSI/TIA/EIA-603-E 2016

ANSI 63.26-2015

References Test Guidance:

KDB 971168 D01 Power Meas License Digital Systems v03r01

All test items have been performed as a reference to the above KDB test guidance.

4 Test Types and Results

4.1 Output Power Measurement

4.1.1 Limits of Output Power Measurement

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 7:
Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.

For LTE Band 12, LTE Band 71:
Control and mobile stations in the 698-746 MHz band are limited to 30 watts ERP.
Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP.

For LTE Band 13:
Control stations and mobile stations in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands and fixed stations transmitting in the 787-788 MHz and 805-806 MHz bands are limited to 30 watts ERP.
Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts ERP.

4.1.2 Test Procedures

EIRP / ERP Measurement:

a. In the semi-anechoic chamber, EUT placed on the 0.8m (below or equal 1GHz) and/or 1.5m (above 1GHz) 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 1m to 4m to find the maximum polar radiated power. The “Read Value” is the spectrum reading the maximum power value.

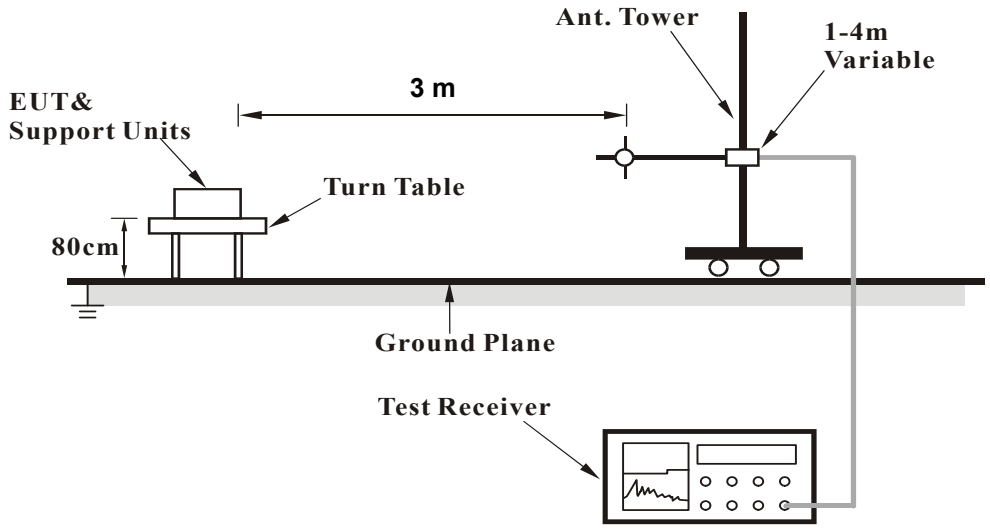
b. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

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.

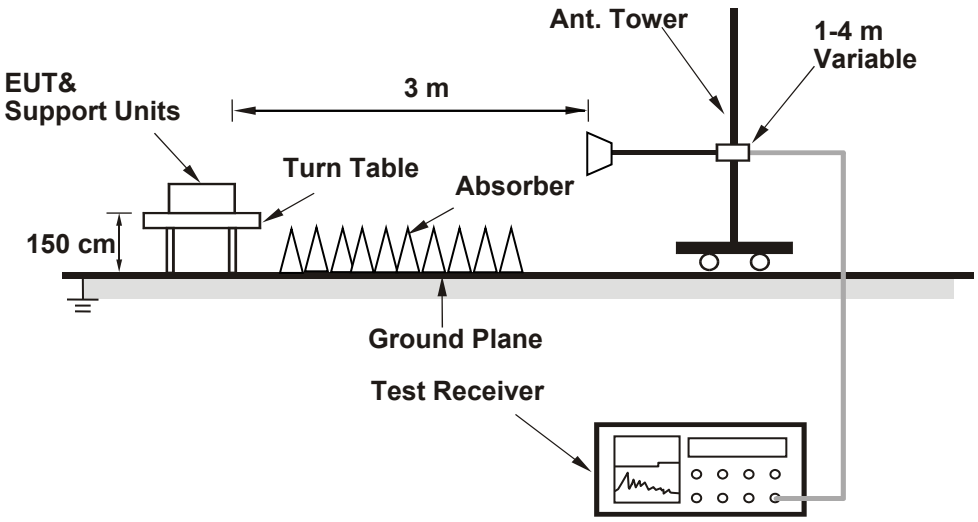
d. Following C63.26 section 5.5 and 5.2.7
   - EIRP (dBm) = E (dBμV/m) + 20log(D) - 104.8; where D is the measurement distance (in the far field region) in m.
   - ERP (dBm) = E (dBμV/m) + 20log(D) - 104.8 - 2.15; where D is the measurement distance (in the far field region) in m.

4.1.3 Test Setup

EIRP / ERP Measurement:
<Radiated Emission below or equal 1 GHz>



<Radiated Emission above 1 GHz>



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

4.1.4 Test Results

EIRP / ERP Power (dBm)

EUT + Antenna 1 (Main Source)

Modulation Type: QPSK

LTE Band 4, Channel Bandwidth 1.4MHz

Mode	TX channel 19957, 20175, 20393							
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	1710.70	11.25	30.00	-18.75	4.00 H	8	77.67	-66.42
2	1732.50	11.24	30.00	-18.76	3.98 H	4	77.56	-66.32
3	1754.30	11.35	30.00	-18.65	3.95 H	6	77.59	-66.24
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1710.70	22.80	30.00	-7.20	2.96 V	316	89.22	-66.42
2	1732.50	23.07	30.00	-6.93	2.88 V	319	89.39	-66.32
3	1754.30	23.11	30.00	-6.89	2.88 V	315	89.35	-66.24

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 3MHz

Mode	TX channel 19965, 20175, 20385							
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	1711.50	11.15	30.00	-18.85	3.92 H	9	77.57	-66.42
2	1732.50	11.34	30.00	-18.66	3.92 H	8	77.66	-66.32
3	1753.50	11.34	30.00	-18.66	3.96 H	4	77.58	-66.24
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1711.50	22.86	30.00	-7.14	2.93 V	315	89.28	-66.42
2	1732.50	23.06	30.00	-6.94	2.91 V	315	89.38	-66.32
3	1753.50	23.13	30.00	-6.87	2.96 V	311	89.37	-66.24

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 5MHz

Mode	TX channel 19975, 20175, 20375							
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	1712.50	11.18	30.00	-18.82	3.93 H	3	77.58	-66.40
2	1732.50	11.38	30.00	-18.62	4.00 H	8	77.70	-66.32
3	1752.50	11.36	30.00	-18.64	3.94 H	7	77.60	-66.24
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1712.50	22.98	30.00	-7.02	2.90 V	320	89.38	-66.40
2	1732.50	22.94	30.00	-7.06	2.90 V	322	89.26	-66.32
3	1752.50	23.11	30.00	-6.89	2.93 V	319	89.35	-66.24

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 10MHz

Mode	TX channel 20000, 20175, 20350							
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	1715.00	11.13	30.00	-18.87	3.93 H	7	77.53	-66.40
2	1732.50	11.18	30.00	-18.82	3.92 H	9	77.50	-66.32
3	1750.00	11.38	30.00	-18.62	3.95 H	8	77.63	-66.25
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	1715.00	22.89	30.00	-7.11	2.93 V	320	89.29	-66.40
2	1732.50	23.01	30.00	-6.99	2.91 V	317	89.33	-66.32
3	1750.00	23.03	30.00	-6.97	2.91 V	319	89.28	-66.25

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

LTE Band 4, Channel Bandwidth 15MHz

Mode	TX channel 20025, 20175, 20325							
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	1717.50	11.18	30.00	-18.82	4.00 H	5	77.57	-66.39
2	1732.50	11.26	30.00	-18.74	3.98 H	2	77.58	-66.32
3	1747.50	11.32	30.00	-18.68	3.98 H	7	77.58	-66.26
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1717.50	22.98	30.00	-7.02	2.94 V	317	89.37	-66.39
2	1732.50	23.07	30.00	-6.93	2.96 V	320	89.39	-66.32
3	1747.50	22.98	30.00	-7.02	2.94 V	314	89.24	-66.26

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 20MHz

Mode	TX channel 20050, 20175, 20300							
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	1720.00	11.31	30.00	-18.69	3.95 H	4	77.68	-66.37
2	1732.50	11.48	30.00	-18.52	3.97 H	5	77.80	-66.32
3	1745.00	11.41	30.00	-18.59	4.00 H	4	77.68	-66.27
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1720.00	22.95	30.00	-7.05	2.90 V	316	89.32	-66.37
2	1732.50	23.18	30.00	-6.82	2.96 V	315	89.50	-66.32
3	1745.00	23.11	30.00	-6.89	2.95 V	316	89.38	-66.27

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

Modulation Type: 16QAM

LTE Band 4, Channel Bandwidth 1.4MHz

Mode	TX channel 19957, 20175, 20393							
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	1710.70	10.20	30.00	-19.80	3.98 H	3	76.62	-66.42
2	1732.50	10.08	30.00	-19.92	3.94 H	5	76.40	-66.32
3	1754.30	10.46	30.00	-19.54	3.95 H	6	76.70	-66.24
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1710.70	21.94	30.00	-8.06	2.92 V	315	88.36	-66.42
2	1732.50	22.04	30.00	-7.96	2.91 V	317	88.36	-66.32
3	1754.30	21.98	30.00	-8.02	2.94 V	321	88.22	-66.24

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 3MHz

Mode	TX channel 19965, 20175, 20385							
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	1711.50	10.01	30.00	-19.99	4.00 H	7	76.43	-66.42
2	1732.50	10.55	30.00	-19.45	3.91 H	9	76.87	-66.32
3	1753.50	10.40	30.00	-19.60	3.93 H	5	76.64	-66.24
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1711.50	22.01	30.00	-7.99	2.87 V	321	88.43	-66.42
2	1732.50	21.80	30.00	-8.20	2.88 V	318	88.12	-66.32
3	1753.50	21.83	30.00	-8.17	2.92 V	316	88.07	-66.24

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 5MHz

Mode	TX channel 19975, 20175, 20375							
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	1712.50	10.23	30.00	-19.77	3.96 H	4	76.63	-66.40
2	1732.50	10.35	30.00	-19.65	3.99 H	2	76.67	-66.32
3	1752.50	10.29	30.00	-19.71	3.97 H	6	76.53	-66.24
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1712.50	21.78	30.00	-8.22	2.94 V	316	88.18	-66.40
2	1732.50	21.87	30.00	-8.13	2.89 V	318	88.19	-66.32
3	1752.50	22.03	30.00	-7.97	2.86 V	318	88.27	-66.24

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 10MHz

Mode	TX channel 20000, 20175, 20350							
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	1715.00	10.36	30.00	-19.64	3.93 H	5	76.76	-66.40
2	1732.50	10.19	30.00	-19.81	3.97 H	8	76.51	-66.32
3	1750.00	10.19	30.00	-19.81	3.94 H	8	76.44	-66.25
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	1715.00	21.68	30.00	-8.32	2.90 V	320	88.08	-66.40
2	1732.50	21.68	30.00	-8.32	2.95 V	320	88.00	-66.32
3	1750.00	22.09	30.00	-7.91	3.90 V	315	88.34	-66.25

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

LTE Band 4, Channel Bandwidth 15MHz

Mode		TX channel 20025, 20175, 20325						
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	1717.50	10.10	30.00	-19.90	3.92 H	7	76.49	-66.39
2	1732.50	10.27	30.00	-19.73	3.92 H	3	76.59	-66.32
3	1747.50	10.47	30.00	-19.53	3.98 H	4	76.73	-66.26
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1717.50	22.05	30.00	-7.95	2.86 V	319	88.44	-66.39
2	1732.50	21.99	30.00	-8.01	2.86 V	317	88.31	-66.32
3	1747.50	21.98	30.00	-8.02	2.95 V	314	88.24	-66.26

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 20MHz

Mode		TX channel 20050, 20175, 20300						
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	1720.00	10.36	30.00	-19.64	3.92 H	5	76.73	-66.37
2	1732.50	10.51	30.00	-19.49	3.91 H	9	76.83	-66.32
3	1745.00	10.55	30.00	-19.45	3.92 H	4	76.82	-66.27
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1720.00	22.06	30.00	-7.94	2.95 V	319	88.43	-66.37
2	1732.50	22.06	30.00	-7.94	2.96 V	314	88.38	-66.32
3	1745.00	21.86	30.00	-8.14	2.91 V	321	88.13	-66.27

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

Modulation Type: 64QAM

LTE Band 4, Channel Bandwidth 1.4MHz

Mode	TX channel 19957, 20175, 20393							
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	1710.70	9.11	30.00	-20.89	3.92 H	8	75.53	-66.42
2	1732.50	9.24	30.00	-20.76	3.99 H	6	75.56	-66.32
3	1754.30	9.45	30.00	-20.55	3.92 H	5	75.69	-66.24
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1710.70	20.78	30.00	-9.22	2.89 V	320	87.20	-66.42
2	1732.50	21.06	30.00	-8.94	2.93 V	321	87.38	-66.32
3	1754.30	21.03	30.00	-8.97	2.93 V	317	87.27	-66.24

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 3MHz

Mode	TX channel 19965, 20175, 20385							
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	1711.50	9.05	30.00	-20.95	3.99 H	9	75.47	-66.42
2	1732.50	9.68	30.00	-20.32	3.98 H	3	76.00	-66.32
3	1753.50	9.57	30.00	-20.43	3.92 H	5	75.81	-66.24
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1711.50	20.92	30.00	-9.08	2.92 V	317	87.34	-66.42
2	1732.50	20.72	30.00	-9.28	2.91 V	315	87.04	-66.32
3	1753.50	20.86	30.00	-9.14	2.94 V	316	87.10	-66.24

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 5MHz

Mode	TX channel 19975, 20175, 20375							
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	1712.50	9.24	30.00	-20.76	3.94 H	3	75.64	-66.40
2	1732.50	9.29	30.00	-20.71	3.98 H	3	75.61	-66.32
3	1752.50	9.19	30.00	-20.81	3.97 H	6	75.43	-66.24
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1712.50	20.74	30.00	-9.26	2.93 V	321	87.14	-66.40
2	1732.50	20.98	30.00	-9.02	2.95 V	317	87.30	-66.32
3	1752.50	20.97	30.00	-9.03	2.95 V	319	87.21	-66.24

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 10MHz

Mode	TX channel 20000, 20175, 20350							
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	1715.00	9.44	30.00	-20.56	3.93 H	2	75.84	-66.40
2	1732.50	9.23	30.00	-20.77	3.97 H	3	75.55	-66.32
3	1750.00	8.99	30.00	-21.01	3.95 H	7	75.24	-66.25
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	1715.00	20.54	30.00	-9.46	2.89 V	320	86.94	-66.40
2	1732.50	20.83	30.00	-9.17	2.93 V	320	87.15	-66.32
3	1750.00	21.22	30.00	-8.78	2.88 V	318	87.47	-66.25

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

LTE Band 4, Channel Bandwidth 15MHz

Mode		TX channel 20025, 20175, 20325						
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	1717.50	9.17	30.00	-20.83	3.95 H	5	75.56	-66.39
2	1732.50	9.24	30.00	-20.76	3.92 H	5	75.56	-66.32
3	1747.50	9.32	30.00	-20.68	3.95 H	1	75.58	-66.26
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1717.50	21.02	30.00	-8.98	2.90 V	319	87.41	-66.39
2	1732.50	20.83	30.00	-9.17	2.89 V	321	87.15	-66.32
3	1747.50	21.11	30.00	-8.89	2.93 V	316	87.37	-66.26

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 20MHz

Mode		TX channel 20050, 20175, 20300						
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	1720.00	9.54	30.00	-20.46	3.91 H	3	75.91	-66.37
2	1732.50	9.40	30.00	-20.60	4.00 H	3	75.72	-66.32
3	1745.00	9.71	30.00	-20.29	3.93 H	6	75.98	-66.27
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1720.00	20.91	30.00	-9.09	2.92 V	314	87.28	-66.37
2	1732.50	21.11	30.00	-8.89	2.93 V	318	87.43	-66.32
3	1745.00	20.96	30.00	-9.04	2.86 V	314	87.23	-66.27

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

Modulation Type: QPSK

LTE Band 7, Channel Bandwidth 5MHz

Mode	TX channel 20775, 21100, 21425							
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	2502.50	16.40	33.00	-16.60	3.59 H	196	79.61	-63.21
2	2535.00	16.51	33.00	-16.49	3.56 H	190	79.64	-63.13
3	2567.50	16.62	33.00	-16.38	3.54 H	194	79.63	-63.01
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	2502.50	23.08	33.00	-9.92	2.81 V	46	86.29	-63.21
2	2535.00	23.06	33.00	-9.94	2.82 V	43	86.19	-63.13
3	2567.50	23.11	33.00	-9.89	2.76 V	41	86.12	-63.01

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 7, Channel Bandwidth 10MHz

Mode	TX channel 20800, 21100, 21400							
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	2505.00	16.39	33.00	-16.61	3.59 H	194	79.59	-63.20
2	2535.00	16.50	33.00	-16.50	3.57 H	191	79.63	-63.13
3	2565.00	16.54	33.00	-16.46	3.55 H	194	79.56	-63.02
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	2505.00	23.12	33.00	-9.88	2.77 V	45	86.32	-63.20
2	2535.00	23.04	33.00	-9.96	2.84 V	43	86.17	-63.13
3	2565.00	23.05	33.00	-9.95	2.85 V	42	86.07	-63.02

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

LTE Band 7, Channel Bandwidth 15MHz

Mode	TX channel 20825, 21100, 21375							
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	2507.50	16.37	33.00	-16.63	3.60 H	194	79.57	-63.20
2	2535.00	16.45	33.00	-16.55	3.55 H	191	79.58	-63.13
3	2562.50	16.61	33.00	-16.39	3.59 H	190	79.64	-63.03
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	2507.50	23.10	33.00	-9.90	2.80 V	48	86.30	-63.20
2	2535.00	23.09	33.00	-9.91	2.81 V	45	86.22	-63.13
3	2562.50	23.02	33.00	-9.98	2.76 V	42	86.05	-63.03

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 7, Channel Bandwidth 20MHz

Mode	TX channel 20850, 21100, 21350							
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	2510.00	16.45	33.00	-16.55	3.57 H	194	79.64	-63.19
2	2535.00	16.72	33.00	-16.28	3.57 H	194	79.85	-63.13
3	2560.00	16.57	33.00	-16.43	3.60 H	194	79.61	-63.04
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2510.00	23.08	33.00	-9.92	2.62 V	323	86.27	-63.19
2	2535.00	23.28	33.00	-9.72	2.65 V	323	86.41	-63.13
3	2560.00	23.23	33.00	-9.77	2.60 V	329	86.27	-63.04

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

Modulation Type: 16QAM

LTE Band 7, Channel Bandwidth 5MHz

Mode	TX channel 20775, 21100, 21425							
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	2502.50	15.50	33.00	-17.50	3.61 H	190	78.71	-63.21
2	2535.00	15.39	33.00	-17.61	3.56 H	190	78.52	-63.13
3	2567.50	15.75	33.00	-17.25	3.55 H	194	78.76	-63.01
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	2502.50	22.13	33.00	-10.87	2.67 V	329	85.34	-63.21
2	2535.00	22.45	33.00	-10.55	2.62 V	325	85.58	-63.13
3	2567.50	22.50	33.00	-10.50	2.58 V	324	85.51	-63.01

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 7, Channel Bandwidth 10MHz

Mode	TX channel 20800, 21100, 21400							
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	2505.00	15.30	33.00	-17.70	3.58 H	191	78.50	-63.20
2	2535.00	15.67	33.00	-17.33	3.51 H	191	78.80	-63.13
3	2565.00	15.64	33.00	-17.36	3.51 H	196	78.66	-63.02
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	2505.00	22.30	33.00	-10.70	2.63 V	324	85.50	-63.20
2	2535.00	22.36	33.00	-10.64	2.58 V	324	85.49	-63.13
3	2565.00	22.17	33.00	-10.83	2.67 V	326	85.19	-63.02

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

LTE Band 7, Channel Bandwidth 15MHz

Mode		TX channel 20825, 21100, 21375						
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	2507.50	15.45	33.00	-17.55	3.56 H	197	78.65	-63.20
2	2535.00	15.41	33.00	-17.59	3.56 H	194	78.54	-63.13
3	2562.50	15.80	33.00	-17.20	3.61 H	193	78.83	-63.03
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	2507.50	22.31	33.00	-10.69	2.63 V	324	85.51	-63.20
2	2535.00	22.36	33.00	-10.64	2.64 V	323	85.49	-63.13
3	2562.50	22.53	33.00	-10.47	2.61 V	324	85.56	-63.03

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 7, Channel Bandwidth 20MHz

Mode		TX channel 20850, 21100, 21350						
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	2510.00	15.27	33.00	-17.73	3.60 H	197	78.46	-63.19
2	2535.00	15.90	33.00	-17.10	3.55 H	197	79.03	-63.13
3	2560.00	15.74	33.00	-17.26	3.54 H	194	78.78	-63.04
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2510.00	22.20	33.00	-10.80	2.60 V	329	85.39	-63.19
2	2535.00	22.32	33.00	-10.68	2.67 V	325	85.45	-63.13
3	2560.00	22.29	33.00	-10.71	2.67 V	327	85.33	-63.04

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

Modulation Type: 64QAM

LTE Band 7, Channel Bandwidth 5MHz

Mode	TX channel 20775, 21100, 21425							
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	2502.50	14.66	33.00	-18.34	3.53 H	196	77.87	-63.21
2	2535.00	14.40	33.00	-18.60	3.60 H	192	77.53	-63.13
3	2567.50	14.84	33.00	-18.16	3.51 H	197	77.85	-63.01
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	2502.50	21.32	33.00	-11.68	2.59 V	326	84.53	-63.21
2	2535.00	21.50	33.00	-11.50	2.63 V	325	84.63	-63.13
3	2567.50	21.44	33.00	-11.56	2.67 V	328	84.45	-63.01

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 7, Channel Bandwidth 10MHz

Mode	TX channel 20800, 21100, 21400							
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	2505.00	14.33	33.00	-18.67	3.54 H	194	77.53	-63.20
2	2535.00	14.47	33.00	-18.53	3.58 H	196	77.60	-63.13
3	2565.00	14.55	33.00	-18.45	3.54 H	191	77.57	-63.02
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	2505.00	21.11	33.00	-11.89	2.58 V	325	84.31	-63.20
2	2535.00	21.18	33.00	-11.82	2.66 V	330	84.31	-63.13
3	2565.00	21.17	33.00	-11.83	2.65 V	327	84.19	-63.02

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

LTE Band 7, Channel Bandwidth 15MHz

Mode		TX channel 20825, 21100, 21375						
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	2507.50	14.29	33.00	-18.71	3.61 H	194	77.49	-63.20
2	2535.00	14.31	33.00	-18.69	3.60 H	191	77.44	-63.13
3	2562.50	14.94	33.00	-18.06	3.58 H	192	77.97	-63.03
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	2507.50	21.35	33.00	-11.65	2.66 V	329	84.55	-63.20
2	2535.00	21.33	33.00	-11.67	2.64 V	327	84.46	-63.13
3	2562.50	21.53	33.00	-11.47	2.63 V	328	84.56	-63.03

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 7, Channel Bandwidth 20MHz

Mode		TX channel 20850, 21100, 21350						
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	2510.00	14.41	33.00	-18.59	3.51 H	191	77.60	-63.19
2	2535.00	14.98	33.00	-18.02	3.58 H	195	78.11	-63.13
3	2560.00	14.77	33.00	-18.23	3.58 H	191	77.81	-63.04
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2510.00	21.03	33.00	-11.97	2.63 V	324	84.22	-63.19
2	2535.00	21.44	33.00	-11.56	2.65 V	328	84.57	-63.13
3	2560.00	21.39	33.00	-11.61	2.65 V	328	84.43	-63.04

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

Modulation Type: QPSK

LTE Band 12, Channel Bandwidth 1.4MHz

Mode	TX channel 23017, 23095, 23173							
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	699.70	17.07	34.77	-17.70	1.10 H	49	91.84	-74.77
2	707.50	17.13	34.77	-17.64	1.09 H	50	91.95	-74.82
3	715.30	17.21	34.77	-17.56	1.06 H	52	91.99	-74.78
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	699.70	20.20	34.77	-14.57	1.83 V	78	94.97	-74.77
2	707.50	20.15	34.77	-14.62	1.89 V	78	94.97	-74.82
3	715.30	20.20	34.77	-14.57	1.91 V	76	94.98	-74.78

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 - 2.15
3. Margin value = ERP – Limit value

LTE Band 12, Channel Bandwidth 3MHz

Mode	TX channel 23025, 23095, 23165							
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	700.50	17.04	34.77	-17.73	1.13 H	56	91.81	-74.77
2	707.50	17.00	34.77	-17.77	1.16 H	52	91.82	-74.82
3	714.50	17.04	34.77	-17.73	1.13 H	55	91.81	-74.77
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	700.50	20.34	34.77	-14.43	1.91 V	74	95.11	-74.77
2	707.50	20.25	34.77	-14.52	1.85 V	74	95.07	-74.82
3	714.50	20.25	34.77	-14.52	1.86 V	76	95.02	-74.77

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

LTE Band 12, Channel Bandwidth 5MHz

Mode		TX channel 23035, 23095, 23155						
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	701.50	17.14	34.77	-17.63	1.06 H	52	91.93	-74.79
2	707.50	16.99	34.77	-17.78	1.06 H	55	91.81	-74.82
3	713.50	17.11	34.77	-17.66	1.15 H	54	91.89	-74.78
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	701.50	20.29	34.77	-14.48	1.86 V	80	95.08	-74.79
2	707.50	20.19	34.77	-14.58	1.90 V	76	95.01	-74.82
3	713.50	20.16	34.77	-14.61	1.82 V	81	94.94	-74.78

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 - 2.15
3. Margin value = ERP – Limit value

LTE Band 12, Channel Bandwidth 10MHz

Mode		TX channel 23060, 23095, 23130						
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	704.00	17.09	34.77	-17.68	1.08 H	50	91.91	-74.82
2	707.50	17.27	34.77	-17.50	1.15 H	50	92.09	-74.82
3	711.00	17.11	34.77	-17.66	1.15 H	50	91.90	-74.79
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	704.00	20.31	34.77	-14.46	1.91 V	79	95.13	-74.82
2	707.50	20.41	34.77	-14.36	1.83 V	80	95.23	-74.82
3	711.00	20.30	34.77	-14.47	1.85 V	77	95.09	-74.79

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

Modulation Type: 16QAM

LTE Band 12, Channel Bandwidth 1.4MHz

Mode	TX channel 23017, 23095, 23173							
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	699.70	16.06	34.77	-18.71	1.14 H	55	90.83	-74.77
2	707.50	15.98	34.77	-18.79	1.13 H	53	90.80	-74.82
3	715.30	16.22	34.77	-18.55	1.12 H	49	91.00	-74.78
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	699.70	19.31	34.77	-15.46	1.84 V	75	94.08	-74.77
2	707.50	18.96	34.77	-15.81	1.86 V	78	93.78	-74.82
3	715.30	19.23	34.77	-15.54	1.88 V	76	94.01	-74.78

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 - 2.15
3. Margin value = ERP – Limit value

LTE Band 12, Channel Bandwidth 3MHz

Mode	TX channel 23025, 23095, 23165							
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	700.50	16.10	34.77	-18.67	1.07 H	49	90.87	-74.77
2	707.50	15.87	34.77	-18.90	1.12 H	53	90.69	-74.82
3	714.50	15.91	34.77	-18.86	1.09 H	55	90.68	-74.77
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	700.50	19.41	34.77	-15.36	1.90 V	81	94.18	-74.77
2	707.50	19.18	34.77	-15.59	1.89 V	81	94.00	-74.82
3	714.50	19.39	34.77	-15.38	1.88 V	74	94.16	-74.77

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

LTE Band 12, Channel Bandwidth 5MHz

Mode		TX channel 23035, 23095, 23155						
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	701.50	16.16	34.77	-18.61	1.08 H	49	90.95	-74.79
2	707.50	15.86	34.77	-18.91	1.13 H	56	90.68	-74.82
3	713.50	16.14	34.77	-18.63	1.15 H	54	90.92	-74.78
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	701.50	19.15	34.77	-15.62	1.86 V	80	93.94	-74.79
2	707.50	18.99	34.77	-15.78	1.92 V	77	93.81	-74.82
3	713.50	19.30	34.77	-15.47	1.92 V	76	94.08	-74.78

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 - 2.15
3. Margin value = ERP – Limit value

LTE Band 12, Channel Bandwidth 10MHz

Mode		TX channel 23060, 23095, 23130						
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	704.00	16.22	34.77	-18.55	1.15 H	56	91.04	-74.82
2	707.50	16.15	34.77	-18.62	1.16 H	56	90.97	-74.82
3	711.00	16.07	34.77	-18.70	1.14 H	55	90.86	-74.79
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	704.00	19.31	34.77	-15.46	1.83 V	74	94.13	-74.82
2	707.50	19.35	34.77	-15.42	1.82 V	77	94.17	-74.82
3	711.00	19.10	34.77	-15.67	1.91 V	74	93.89	-74.79

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

Modulation Type: 64QAM

LTE Band 12, Channel Bandwidth 1.4MHz

Mode	TX channel 23017, 23095, 23173							
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	699.70	15.10	34.77	-19.67	1.10 H	55	89.87	-74.77
2	707.50	14.94	34.77	-19.83	1.11 H	50	89.76	-74.82
3	715.30	15.26	34.77	-19.51	1.08 H	56	90.04	-74.78
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	699.70	18.33	34.77	-16.44	1.85 V	76	93.10	-74.77
2	707.50	17.87	34.77	-16.90	1.83 V	81	92.69	-74.82
3	715.30	18.05	34.77	-16.72	1.90 V	77	92.83	-74.78

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 - 2.15
3. Margin value = ERP – Limit value

LTE Band 12, Channel Bandwidth 3MHz

Mode	TX channel 23025, 23095, 23165							
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	700.50	15.04	34.77	-19.73	1.14 H	54	89.81	-74.77
2	707.50	15.06	34.77	-19.71	1.13 H	56	89.88	-74.82
3	714.50	14.75	34.77	-20.02	1.15 H	55	89.52	-74.77
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	700.50	18.57	34.77	-16.20	1.83 V	80	93.34	-74.77
2	707.50	18.01	34.77	-16.76	1.82 V	76	92.83	-74.82
3	714.50	18.26	34.77	-16.51	1.87 V	81	93.03	-74.77

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

LTE Band 12, Channel Bandwidth 5MHz

Mode	TX channel 23035, 23095, 23155							
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	701.50	15.26	34.77	-19.51	1.09 H	56	90.05	-74.79
2	707.50	14.77	34.77	-20.00	1.15 H	51	89.59	-74.82
3	713.50	15.04	34.77	-19.73	1.07 H	52	89.82	-74.78
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	701.50	18.32	34.77	-16.45	1.91 V	75	93.11	-74.79
2	707.50	17.83	34.77	-16.94	1.86 V	77	92.65	-74.82
3	713.50	18.19	34.77	-16.58	1.90 V	77	92.97	-74.78

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 - 2.15
3. Margin value = ERP – Limit value

LTE Band 12, Channel Bandwidth 10MHz

Mode	TX channel 23060, 23095, 23130							
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	704.00	15.02	34.77	-19.75	1.15 H	56	89.84	-74.82
2	707.50	14.98	34.77	-19.79	1.16 H	50	89.80	-74.82
3	711.00	15.01	34.77	-19.76	1.10 H	51	89.80	-74.79
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	704.00	18.18	34.77	-16.59	1.90 V	79	93.00	-74.82
2	707.50	18.54	34.77	-16.23	1.85 V	76	93.36	-74.82
3	711.00	18.17	34.77	-16.60	1.85 V	79	92.96	-74.79

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

Modulation Type: QPSK

LTE Band 13, Channel Bandwidth 5MHz

Mode	TX channel 23205, 23230, 23255							
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	779.50	11.26	34.77	-23.51	1.73 H	273	84.84	-73.58
2	782.00	11.29	34.77	-23.48	1.68 H	268	84.87	-73.58
3	784.50	11.29	34.77	-23.48	1.65 H	266	84.91	-73.62
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	779.50	20.12	34.77	-14.65	1.81 V	279	93.70	-73.58
2	782.00	20.15	34.77	-14.62	1.74 V	282	93.73	-73.58
3	784.50	20.01	34.77	-14.76	1.77 V	281	93.63	-73.62

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

LTE Band 13, Channel Bandwidth 10MHz

Mode	TX channel 23230							
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	782.00	11.48	34.77	-23.29	1.65 H	269	85.06	-73.58
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	782.00	20.25	34.77	-14.52	1.75 V	280	93.83	-73.58

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

Modulation Type: 16QAM

LTE Band 13, Channel Bandwidth 5MHz

Mode	TX channel 23205, 23230, 23255							
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	779.50	10.23	34.77	-24.54	1.66 H	266	83.81	-73.58
2	782.00	10.20	34.77	-24.57	1.69 H	267	83.78	-73.58
3	784.50	10.30	34.77	-24.47	1.63 H	270	83.92	-73.62
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	779.50	18.92	34.77	-15.85	1.82 V	278	92.50	-73.58
2	782.00	18.95	34.77	-15.82	1.79 V	281	92.53	-73.58
3	784.50	19.00	34.77	-15.77	1.79 V	283	92.62	-73.62

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

LTE Band 13, Channel Bandwidth 10MHz

Mode	TX channel 23230							
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	782.00	10.48	34.77	-24.29	1.63 H	268	84.06	-73.58
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	782.00	19.16	34.77	-15.61	1.81 V	278	92.74	-73.58

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

Modulation Type: 64QAM

LTE Band 13, Channel Bandwidth 5MHz

Mode	TX channel 23205, 23230, 23255							
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	779.50	9.34	34.77	-25.43	1.67 H	272	82.92	-73.58
2	782.00	9.25	34.77	-25.52	1.68 H	270	82.83	-73.58
3	784.50	9.42	34.77	-25.35	1.73 H	272	83.04	-73.62
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	779.50	18.06	34.77	-16.71	1.82 V	283	91.64	-73.58
2	782.00	17.92	34.77	-16.85	1.72 V	282	91.50	-73.58
3	784.50	18.19	34.77	-16.58	1.75 V	282	91.81	-73.62

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

LTE Band 13, Channel Bandwidth 10MHz

Mode	TX channel 23230							
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	782.00	9.94	34.77	-24.83	1.65 H	275	83.52	-73.58
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	782.00	18.64	34.77	-16.13	1.73 V	269	92.22	-73.58

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

Modulation Type: QPSK

LTE Band 66, Channel Bandwidth 1.4MHz

Mode	TX channel 131979, 132322, 132665							
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	1710.70	15.55	30.00	-14.45	3.99 H	21	81.97	-66.42
2	1745.00	15.66	30.00	-14.34	3.92 H	25	81.93	-66.27
3	1779.30	15.75	30.00	-14.25	3.99 H	21	81.95	-66.20
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	1710.70	22.88	30.00	-7.12	2.61 V	115	89.30	-66.42
2	1745.00	23.04	30.00	-6.96	2.64 V	111	89.31	-66.27
3	1779.30	23.11	30.00	-6.89	2.62 V	111	89.31	-66.20

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

LTE Band 66, Channel Bandwidth 3MHz

Mode	TX channel 131987, 132322, 132657							
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	1711.50	15.55	30.00	-14.45	3.94 H	24	81.97	-66.42
2	1745.00	15.72	30.00	-14.28	3.94 H	20	81.99	-66.27
3	1778.50	15.77	30.00	-14.23	3.95 H	22	81.97	-66.20
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	1711.50	22.92	30.00	-7.08	2.57 V	112	89.34	-66.42
2	1745.00	23.12	30.00	-6.88	2.55 V	115	89.39	-66.27
3	1778.50	23.14	30.00	-6.86	2.64 V	111	89.34	-66.20

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

LTE Band 66, Channel Bandwidth 5MHz

Mode	TX channel 131997, 132322, 132647							
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	1712.50	15.58	30.00	-14.42	3.99 H	27	81.98	-66.40
2	1745.00	15.63	30.00	-14.37	3.94 H	23	81.90	-66.27
3	1777.50	15.79	30.00	-14.21	3.96 H	25	81.99	-66.20
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	1712.50	22.95	30.00	-7.05	2.54 V	112	89.35	-66.40
2	1745.00	23.10	30.00	-6.90	2.61 V	115	89.37	-66.27
3	1777.50	23.20	30.00	-6.80	2.57 V	106	89.40	-66.20

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

LTE Band 66, Channel Bandwidth 10MHz

Mode	TX channel 132022, 132322, 132622							
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	1715.00	15.57	30.00	-14.43	3.98 H	22	81.97	-66.40
2	1745.00	15.66	30.00	-14.34	3.94 H	24	81.93	-66.27
3	1775.00	15.76	30.00	-14.24	4.00 H	21	81.96	-66.20
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	1715.00	22.93	30.00	-7.07	2.63 V	111	89.33	-66.40
2	1745.00	23.06	30.00	-6.94	2.56 V	109	89.33	-66.27
3	1775.00	23.17	30.00	-6.83	2.64 V	112	89.37	-66.20

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

LTE Band 66, Channel Bandwidth 15MHz

Mode	TX channel 132047, 132322, 132597							
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	1717.50	15.57	30.00	-14.43	3.97 H	20	81.96	-66.39
2	1745.00	15.63	30.00	-14.37	3.95 H	26	81.90	-66.27
3	1772.50	15.73	30.00	-14.27	3.99 H	22	81.95	-66.22
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	1717.50	22.96	30.00	-7.04	2.58 V	108	89.35	-66.39
2	1745.00	23.10	30.00	-6.90	2.54 V	114	89.37	-66.27
3	1772.50	23.12	30.00	-6.88	2.55 V	109	89.34	-66.22

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

LTE Band 66, Channel Bandwidth 20MHz

Mode	TX channel 132072, 132322, 132572							
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	1720.00	15.62	30.00	-14.38	3.95 H	24	81.99	-66.37
2	1745.00	15.68	30.00	-14.32	3.94 H	24	81.95	-66.27
3	1770.00	15.72	30.00	-14.28	4.00 H	22	81.94	-66.22
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	1720.00	22.91	30.00	-7.09	2.58 V	110	89.28	-66.37
2	1745.00	23.23	30.00	-6.77	2.55 V	112	89.50	-66.27
3	1770.00	23.12	30.00	-6.88	2.51 V	106	89.34	-66.22

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

Modulation Type: 16QAM

LTE Band 66, Channel Bandwidth 1.4MHz

Mode	TX channel 131979, 132322, 132665							
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	1710.70	14.47	30.00	-15.53	3.93 H	25	80.89	-66.42
2	1745.00	14.79	30.00	-15.21	3.95 H	27	81.06	-66.27
3	1779.30	14.55	30.00	-15.45	3.98 H	20	80.75	-66.20
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	1710.70	22.05	30.00	-7.95	2.58 V	111	88.47	-66.42
2	1745.00	22.21	30.00	-7.79	2.60 V	109	88.48	-66.27
3	1779.30	22.12	30.00	-7.88	2.64 V	111	88.32	-66.20

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

LTE Band 66, Channel Bandwidth 3MHz

Mode	TX channel 131987, 132322, 132657							
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	1711.50	14.68	30.00	-15.32	3.91 H	24	81.10	-66.42
2	1745.00	14.92	30.00	-15.08	3.93 H	20	81.19	-66.27
3	1778.50	14.58	30.00	-15.42	3.99 H	24	80.78	-66.20
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	1711.50	21.88	30.00	-8.12	2.55 V	110	88.30	-66.42
2	1745.00	21.96	30.00	-8.04	2.54 V	111	88.23	-66.27
3	1778.50	22.07	30.00	-7.93	2.59 V	111	88.27	-66.20

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

LTE Band 66, Channel Bandwidth 5MHz

Mode	TX channel 131997, 132322, 132647							
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	1712.50	14.48	30.00	-15.52	3.97 H	23	80.88	-66.40
2	1745.00	14.54	30.00	-15.46	3.98 H	22	80.81	-66.27
3	1777.50	14.63	30.00	-15.37	4.00 H	20	80.83	-66.20
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	1712.50	22.07	30.00	-7.93	2.62 V	113	88.47	-66.40
2	1745.00	22.06	30.00	-7.94	2.56 V	114	88.33	-66.27
3	1777.50	22.33	30.00	-7.67	2.56 V	111	88.53	-66.20

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

LTE Band 66, Channel Bandwidth 10MHz

Mode	TX channel 132022, 132322, 132622							
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	1715.00	14.53	30.00	-15.47	3.96 H	25	80.93	-66.40
2	1745.00	14.59	30.00	-15.41	3.95 H	23	80.86	-66.27
3	1775.00	14.66	30.00	-15.34	3.93 H	25	80.86	-66.20
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	1715.00	21.86	30.00	-8.14	2.55 V	113	88.26	-66.40
2	1745.00	22.08	30.00	-7.92	2.62 V	109	88.35	-66.27
3	1775.00	21.99	30.00	-8.01	2.59 V	111	88.19	-66.20

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

LTE Band 66, Channel Bandwidth 15MHz

Mode	TX channel 132047, 132322, 132597							
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	1717.50	14.60	30.00	-15.40	4.00 H	26	80.99	-66.39
2	1745.00	14.52	30.00	-15.48	3.98 H	24	80.79	-66.27
3	1772.50	14.74	30.00	-15.26	3.97 H	27	80.96	-66.22
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	1717.50	22.03	30.00	-7.97	2.64 V	113	88.42	-66.39
2	1745.00	22.18	30.00	-7.82	2.58 V	113	88.45	-66.27
3	1772.50	22.08	30.00	-7.92	2.54 V	115	88.30	-66.22

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

LTE Band 66, Channel Bandwidth 20MHz

Mode	TX channel 132072, 132322, 132572							
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	1720.00	14.39	30.00	-15.61	3.91 H	23	80.76	-66.37
2	1745.00	14.99	30.00	-15.01	3.95 H	22	81.26	-66.27
3	1770.00	14.61	30.00	-15.39	3.95 H	25	80.83	-66.22
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	1720.00	22.04	30.00	-7.96	2.64 V	108	88.41	-66.37
2	1745.00	22.30	30.00	-7.70	2.64 V	109	88.57	-66.27
3	1770.00	22.10	30.00	-7.90	2.62 V	112	88.32	-66.22

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

Modulation Type: 64QAM

LTE Band 66, Channel Bandwidth 1.4MHz

Mode	TX channel 131979, 132322, 132665							
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	1710.70	13.41	30.00	-16.59	3.94 H	24	79.83	-66.42
2	1745.00	13.82	30.00	-16.18	3.98 H	23	80.09	-66.27
3	1779.30	13.75	30.00	-16.25	4.00 H	23	79.95	-66.20
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	1710.70	20.86	30.00	-9.14	2.64 V	115	87.28	-66.42
2	1745.00	21.29	30.00	-8.71	2.62 V	115	87.56	-66.27
3	1779.30	21.07	30.00	-8.93	2.58 V	114	87.27	-66.20

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

LTE Band 66, Channel Bandwidth 3MHz

Mode	TX channel 131987, 132322, 132657							
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	1711.50	13.52	30.00	-16.48	3.96 H	20	79.94	-66.42
2	1745.00	13.81	30.00	-16.19	3.95 H	26	80.08	-66.27
3	1778.50	13.41	30.00	-16.59	3.92 H	21	79.61	-66.20
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	1711.50	20.80	30.00	-9.20	2.60 V	112	87.22	-66.42
2	1745.00	20.97	30.00	-9.03	2.63 V	110	87.24	-66.27
3	1778.50	20.90	30.00	-9.10	2.54 V	109	87.10	-66.20

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

LTE Band 66, Channel Bandwidth 5MHz

Mode	TX channel 131997, 132322, 132647							
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	1712.50	13.55	30.00	-16.45	3.93 H	21	79.95	-66.40
2	1745.00	13.55	30.00	-16.45	3.95 H	25	79.82	-66.27
3	1777.50	13.56	30.00	-16.44	3.94 H	25	79.76	-66.20
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	1712.50	21.02	30.00	-8.98	2.54 V	112	87.42	-66.40
2	1745.00	21.04	30.00	-8.96	2.59 V	115	87.31	-66.27
3	1777.50	21.18	30.00	-8.82	2.56 V	112	87.38	-66.20

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

LTE Band 66, Channel Bandwidth 10MHz

Mode	TX channel 132022, 132322, 132622							
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	1715.00	13.41	30.00	-16.59	3.91 H	22	79.81	-66.40
2	1745.00	13.39	30.00	-16.61	3.92 H	25	79.66	-66.27
3	1775.00	13.56	30.00	-16.44	3.99 H	24	79.76	-66.20
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	1715.00	20.79	30.00	-9.21	2.62 V	114	87.19	-66.40
2	1745.00	21.11	30.00	-8.89	2.57 V	113	87.38	-66.27
3	1775.00	21.14	30.00	-8.86	2.61 V	114	87.34	-66.20

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

LTE Band 66, Channel Bandwidth 15MHz

Mode	TX channel 132047, 132322, 132597							
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	1717.50	13.73	30.00	-16.27	3.96 H	26	80.12	-66.39
2	1745.00	13.68	30.00	-16.32	4.00 H	23	79.95	-66.27
3	1772.50	13.80	30.00	-16.20	3.96 H	23	80.02	-66.22
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	1717.50	20.92	30.00	-9.08	2.59 V	114	87.31	-66.39
2	1745.00	21.07	30.00	-8.93	2.60 V	108	87.34	-66.27
3	1772.50	20.93	30.00	-9.07	2.60 V	112	87.15	-66.22

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

LTE Band 66, Channel Bandwidth 20MHz

Mode	TX channel 132072, 132322, 132572							
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	1720.00	13.22	30.00	-16.78	3.95 H	24	79.59	-66.37
2	1745.00	14.02	30.00	-15.98	4.00 H	20	80.29	-66.27
3	1770.00	13.41	30.00	-16.59	3.99 H	27	79.63	-66.22
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	1720.00	21.12	30.00	-8.88	2.64 V	115	87.49	-66.37
2	1745.00	21.38	30.00	-8.62	2.58 V	108	87.65	-66.27
3	1770.00	21.03	30.00	-8.97	2.64 V	113	87.25	-66.22

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

Modulation Type: QPSK

LTE Band 71, Channel Bandwidth 5MHz

Mode	TX channel 133147, 133297, 133447							
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	665.50	14.97	34.77	-19.80	1.13 H	45	90.32	-75.35
2	680.50	15.26	34.77	-19.51	1.14 H	50	90.32	-75.06
3	695.50	15.61	34.77	-19.16	1.19 H	46	90.41	-74.80
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	665.50	20.35	34.77	-14.42	1.79 V	79	95.70	-75.35
2	680.50	20.59	34.77	-14.18	1.81 V	78	95.65	-75.06
3	695.50	20.91	34.77	-13.86	1.84 V	78	95.71	-74.80

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

LTE Band 71, Channel Bandwidth 10MHz

Mode	TX channel 133172, 133297, 133422							
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	668.00	14.99	34.77	-19.78	1.20 H	50	90.37	-75.38
2	680.50	15.38	34.77	-19.39	1.22 H	46	90.44	-75.06
3	693.00	15.58	34.77	-19.19	1.19 H	49	90.46	-74.88
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	668.00	20.18	34.77	-14.59	1.89 V	74	95.56	-75.38
2	680.50	20.66	34.77	-14.11	1.83 V	72	95.72	-75.06
3	693.00	20.72	34.77	-14.05	1.81 V	75	95.60	-74.88

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

LTE Band 71, Channel Bandwidth 15MHz

Mode		TX channel 133197, 133297, 133397						
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	670.50	14.98	34.77	-19.79	1.16 H	47	90.37	-75.39
2	680.50	15.26	34.77	-19.51	1.22 H	51	90.32	-75.06
3	690.50	15.35	34.77	-19.42	1.13 H	52	90.33	-74.98
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	670.50	20.20	34.77	-14.57	1.89 V	73	95.59	-75.39
2	680.50	20.66	34.77	-14.11	1.87 V	77	95.72	-75.06
3	690.50	20.67	34.77	-14.10	1.87 V	79	95.65	-74.98

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

LTE Band 71, Channel Bandwidth 20MHz

Mode		TX channel 133222, 133297, 133372						
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	673.00	15.12	34.77	-19.65	1.20 H	50	90.47	-75.35
2	680.50	15.53	34.77	-19.24	1.18 H	52	90.59	-75.06
3	688.00	15.35	34.77	-19.42	1.17 H	48	90.38	-75.03
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	673.00	20.28	34.77	-14.49	1.89 V	73	95.63	-75.35
2	680.50	20.77	34.77	-14.00	1.85 V	76	95.83	-75.06
3	688.00	20.70	34.77	-14.07	1.79 V	76	95.73	-75.03

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 - 2.15
3. Margin value = ERP – Limit value

Modulation Type: 16QAM

LTE Band 71, Channel Bandwidth 5MHz

Mode	TX channel 133147, 133297, 133447							
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	665.50	13.81	34.77	-20.96	1.13 H	48	89.16	-75.35
2	680.50	14.18	34.77	-20.59	1.13 H	48	89.24	-75.06
3	695.50	14.47	34.77	-20.30	1.13 H	51	89.27	-74.80
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	665.50	19.45	34.77	-15.32	1.82 V	74	94.80	-75.35
2	680.50	19.67	34.77	-15.10	1.88 V	79	94.73	-75.06
3	695.50	19.84	34.77	-14.93	1.83 V	74	94.64	-74.80

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

LTE Band 71, Channel Bandwidth 10MHz

Mode	TX channel 133172, 133297, 133422							
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	668.00	13.91	34.77	-20.86	1.13 H	47	89.29	-75.38
2	680.50	14.39	34.77	-20.38	1.18 H	51	89.45	-75.06
3	693.00	14.56	34.77	-20.21	1.13 H	51	89.44	-74.88
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	668.00	19.01	34.77	-15.76	1.82 V	73	94.39	-75.38
2	680.50	19.54	34.77	-15.23	1.81 V	73	94.60	-75.06
3	693.00	19.77	34.77	-15.00	1.86 V	77	94.65	-74.88

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

LTE Band 71, Channel Bandwidth 15MHz

Mode		TX channel 133197, 133297, 133397						
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	670.50	14.15	34.77	-20.62	1.18 H	50	89.54	-75.39
2	680.50	14.33	34.77	-20.44	1.15 H	51	89.39	-75.06
3	690.50	14.24	34.77	-20.53	1.14 H	48	89.22	-74.98
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	670.50	19.15	34.77	-15.62	1.85 V	77	94.54	-75.39
2	680.50	19.57	34.77	-15.20	1.79 V	79	94.63	-75.06
3	690.50	19.68	34.77	-15.09	1.83 V	76	94.66	-74.98

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

LTE Band 71, Channel Bandwidth 20MHz

Mode		TX channel 133222, 133297, 133372						
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	673.00	14.11	34.77	-20.66	1.17 H	45	89.46	-75.35
2	680.50	14.64	34.77	-20.13	1.22 H	49	89.70	-75.06
3	688.00	14.45	34.77	-20.32	1.14 H	51	89.48	-75.03
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	673.00	19.18	34.77	-15.59	1.85 V	74	94.53	-75.35
2	680.50	19.95	34.77	-14.82	1.87 V	77	95.01	-75.06
3	688.00	19.63	34.77	-15.14	1.86 V	76	94.66	-75.03

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 - 2.15
3. Margin value = ERP – Limit value

Modulation Type: 64QAM

LTE Band 71, Channel Bandwidth 5MHz

Mode	TX channel 133147, 133297, 133447							
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	665.50	12.69	34.77	-22.08	1.22 H	49	88.04	-75.35
2	680.50	13.02	34.77	-21.75	1.17 H	48	88.08	-75.06
3	695.50	13.35	34.77	-21.42	1.14 H	46	88.15	-74.80
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	665.50	18.64	34.77	-16.13	1.87 V	72	93.99	-75.35
2	680.50	18.48	34.77	-16.29	1.85 V	75	93.54	-75.06
3	695.50	18.85	34.77	-15.92	1.82 V	76	93.65	-74.80

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

LTE Band 71, Channel Bandwidth 10MHz

Mode	TX channel 133172, 133297, 133422							
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	668.00	13.05	34.77	-21.72	1.15 H	48	88.43	-75.38
2	680.50	13.59	34.77	-21.18	1.21 H	51	88.65	-75.06
3	693.00	13.43	34.77	-21.34	1.12 H	47	88.31	-74.88
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	668.00	17.88	34.77	-16.89	1.89 V	76	93.26	-75.38
2	680.50	18.66	34.77	-16.11	1.86 V	77	93.72	-75.06
3	693.00	18.67	34.77	-16.10	1.83 V	72	93.55	-74.88

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

LTE Band 71, Channel Bandwidth 15MHz

Mode		TX channel 133197, 133297, 133397						
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	670.50	13.14	34.77	-21.63	1.18 H	46	88.53	-75.39
2	680.50	13.16	34.77	-21.61	1.13 H	49	88.22	-75.06
3	690.50	13.21	34.77	-21.56	1.18 H	48	88.19	-74.98
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	670.50	18.30	34.77	-16.47	1.89 V	79	93.69	-75.39
2	680.50	18.47	34.77	-16.30	1.86 V	72	93.53	-75.06
3	690.50	18.74	34.77	-16.03	1.88 V	79	93.72	-74.98

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

LTE Band 71, Channel Bandwidth 20MHz

Mode		TX channel 133222, 133297, 133372						
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	673.00	13.09	34.77	-21.68	1.16 H	46	88.44	-75.35
2	680.50	13.69	34.77	-21.08	1.20 H	51	88.75	-75.06
3	688.00	13.61	34.77	-21.16	1.21 H	52	88.64	-75.03
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	673.00	18.31	34.77	-16.46	1.85 V	76	93.66	-75.35
2	680.50	19.15	34.77	-15.62	1.86 V	73	94.21	-75.06
3	688.00	18.83	34.77	-15.94	1.84 V	77	93.86	-75.03

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 - 2.15
3. Margin value = ERP – Limit value

EUT + Antenna 2 (2nd Source)

Modulation Type: QPSK

LTE Band 4, Channel Bandwidth 1.4MHz

Mode	TX channel 19957, 20175, 20393							
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	1710.70	15.82	30.00	-14.18	3.29 H	20	82.24	-66.42
2	1732.50	15.93	30.00	-14.07	3.29 H	18	82.25	-66.32
3	1754.30	16.01	30.00	-13.99	3.28 H	21	82.25	-66.24
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1710.70	23.20	30.00	-6.80	3.00 V	32	89.62	-66.42
2	1732.50	23.26	30.00	-6.74	2.98 V	25	89.58	-66.32
3	1754.30	23.40	30.00	-6.60	2.94 V	26	89.64	-66.24

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 3MHz

Mode	TX channel 19965, 20175, 20385							
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	1711.50	15.80	30.00	-14.20	3.32 H	23	82.22	-66.42
2	1732.50	15.85	30.00	-14.15	3.36 H	22	82.17	-66.32
3	1753.50	16.01	30.00	-13.99	3.33 H	18	82.25	-66.24
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1711.50	23.23	30.00	-6.77	2.96 V	28	89.65	-66.42
2	1732.50	23.28	30.00	-6.72	2.95 V	31	89.60	-66.32
3	1753.50	23.36	30.00	-6.64	3.01 V	30	89.60	-66.24

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 5MHz

Mode	TX channel 19975, 20175, 20375							
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	1712.50	15.80	30.00	-14.20	3.38 H	23	82.20	-66.40
2	1732.50	15.92	30.00	-14.08	3.31 H	22	82.24	-66.32
3	1752.50	15.97	30.00	-14.03	3.28 H	19	82.21	-66.24
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1712.50	23.21	30.00	-6.79	2.91 V	26	89.61	-66.40
2	1732.50	23.30	30.00	-6.70	2.98 V	25	89.62	-66.32
3	1752.50	23.36	30.00	-6.64	2.93 V	30	89.60	-66.24

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 10MHz

Mode	TX channel 20000, 20175, 20350							
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	1715.00	15.83	30.00	-14.17	3.36 H	25	82.23	-66.40
2	1732.50	15.89	30.00	-14.11	3.38 H	18	82.21	-66.32
3	1750.00	15.91	30.00	-14.09	3.36 H	19	82.16	-66.25
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	1715.00	23.17	30.00	-6.83	2.91 V	29	89.57	-66.40
2	1732.50	23.24	30.00	-6.76	2.92 V	25	89.56	-66.32
3	1750.00	23.41	30.00	-6.59	2.96 V	32	89.66	-66.25

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

LTE Band 4, Channel Bandwidth 15MHz

Mode		TX channel 20025, 20175, 20325						
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	1717.50	15.83	30.00	-14.17	4.00 H	23	82.22	-66.39
2	1732.50	15.93	30.00	-14.07	3.33 H	25	82.25	-66.32
3	1747.50	15.96	30.00	-14.04	3.34 H	18	82.22	-66.26
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1717.50	23.26	30.00	-6.74	2.98 V	29	89.65	-66.39
2	1732.50	23.28	30.00	-6.72	2.98 V	26	89.60	-66.32
3	1747.50	23.35	30.00	-6.65	2.99 V	30	89.61	-66.26

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 20MHz

Mode		TX channel 20050, 20175, 20300						
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	1720.00	15.88	30.00	-14.12	3.34 H	21	82.25	-66.37
2	1732.50	16.14	30.00	-13.86	3.32 H	19	82.46	-66.32
3	1745.00	15.92	30.00	-14.08	3.30 H	18	82.19	-66.27
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1720.00	23.22	30.00	-6.78	2.99 V	26	89.59	-66.37
2	1732.50	23.44	30.00	-6.56	2.97 V	21	89.76	-66.32
3	1745.00	23.32	30.00	-6.68	2.91 V	26	89.59	-66.27

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

Modulation Type: 16QAM

LTE Band 4, Channel Bandwidth 1.4MHz

Mode	TX channel 19957, 20175, 20393							
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	1710.70	14.63	30.00	-15.37	3.30 H	23	81.05	-66.42
2	1732.50	15.04	30.00	-14.96	3.30 H	24	81.36	-66.32
3	1754.30	14.96	30.00	-15.04	3.36 H	18	81.20	-66.24
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1710.70	22.06	30.00	-7.94	2.98 V	27	88.48	-66.42
2	1732.50	22.39	30.00	-7.61	2.91 V	25	88.71	-66.32
3	1754.30	22.31	30.00	-7.69	2.91 V	32	88.55	-66.24

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 3MHz

Mode	TX channel 19965, 20175, 20385							
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	1711.50	14.93	30.00	-15.07	3.37 H	25	81.35	-66.42
2	1732.50	14.68	30.00	-15.32	3.33 H	25	81.00	-66.32
3	1753.50	15.02	30.00	-14.98	3.35 H	18	81.26	-66.24
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1711.50	22.19	30.00	-7.81	2.96 V	29	88.61	-66.42
2	1732.50	22.29	30.00	-7.71	2.94 V	32	88.61	-66.32
3	1753.50	22.19	30.00	-7.81	3.00 V	25	88.43	-66.24

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 5MHz

Mode	TX channel 19975, 20175, 20375							
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	1712.50	14.86	30.00	-15.14	3.35 H	20	81.26	-66.40
2	1732.50	14.90	30.00	-15.10	3.32 H	24	81.22	-66.32
3	1752.50	14.99	30.00	-15.01	3.29 H	23	81.23	-66.24
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1712.50	22.02	30.00	-7.98	3.00 V	28	88.42	-66.40
2	1732.50	22.42	30.00	-7.58	2.96 V	30	88.74	-66.32
3	1752.50	22.55	30.00	-7.45	2.91 V	21	88.79	-66.24

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 10MHz

Mode	TX channel 20000, 20175, 20350							
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	1715.00	14.98	30.00	-15.02	3.38 H	24	81.38	-66.40
2	1732.50	15.00	30.00	-15.00	3.33 H	23	81.32	-66.32
3	1750.00	14.96	30.00	-15.04	3.30 H	22	81.21	-66.25
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	1715.00	22.32	30.00	-7.68	3.00 V	26	88.72	-66.40
2	1732.50	22.19	30.00	-7.81	3.00 V	28	88.51	-66.32
3	1750.00	22.44	30.00	-7.56	3.01 V	32	88.69	-66.25

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

LTE Band 4, Channel Bandwidth 15MHz

Mode		TX channel 20025, 20175, 20325						
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	1717.50	14.66	30.00	-15.34	3.31 H	21	81.05	-66.39
2	1732.50	14.91	30.00	-15.09	3.29 H	21	81.23	-66.32
3	1747.50	14.96	30.00	-15.04	3.38 H	25	81.22	-66.26
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1717.50	22.26	30.00	-7.74	2.99 V	29	88.65	-66.39
2	1732.50	22.08	30.00	-7.92	2.99 V	25	88.40	-66.32
3	1747.50	22.17	30.00	-7.83	2.98 V	29	88.43	-66.26

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 20MHz

Mode		TX channel 20050, 20175, 20300						
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	1720.00	14.97	30.00	-15.03	3.34 H	30	81.34	-66.37
2	1732.50	15.19	30.00	-14.81	3.38 H	22	81.51	-66.32
3	1745.00	15.12	30.00	-14.88	3.37 H	21	81.39	-66.27
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1720.00	22.18	30.00	-7.82	2.93 V	32	88.55	-66.37
2	1732.50	22.39	30.00	-7.61	2.95 V	26	88.71	-66.32
3	1745.00	22.49	30.00	-7.51	3.01 V	29	88.76	-66.27

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

Modulation Type: 64QAM

LTE Band 4, Channel Bandwidth 1.4MHz

Mode	TX channel 19957, 20175, 20393							
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	1710.70	13.59	30.00	-16.41	3.36 H	20	80.01	-66.42
2	1732.50	14.20	30.00	-15.80	3.33 H	19	80.52	-66.32
3	1754.30	13.90	30.00	-16.10	3.31 H	19	80.14	-66.24
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1710.70	21.18	30.00	-8.82	2.91 V	25	87.60	-66.42
2	1732.50	21.51	30.00	-8.49	2.96 V	31	87.83	-66.32
3	1754.30	21.50	30.00	-8.50	2.92 V	27	87.74	-66.24

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 3MHz

Mode	TX channel 19965, 20175, 20385							
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	1711.50	13.92	30.00	-16.08	3.38 H	20	80.34	-66.42
2	1732.50	13.59	30.00	-16.41	3.38 H	24	79.91	-66.32
3	1753.50	14.06	30.00	-15.94	3.36 H	25	80.30	-66.24
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1711.50	21.04	30.00	-8.96	2.96 V	28	87.46	-66.42
2	1732.50	21.22	30.00	-8.78	2.96 V	30	87.54	-66.32
3	1753.50	21.15	30.00	-8.85	2.96 V	29	87.39	-66.24

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 5MHz

Mode	TX channel 19975, 20175, 20375							
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	1712.50	13.67	30.00	-16.33	3.33 H	18	80.07	-66.40
2	1732.50	14.05	30.00	-15.95	3.32 H	21	80.37	-66.32
3	1752.50	14.15	30.00	-15.85	3.28 H	23	80.39	-66.24
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1712.50	20.95	30.00	-9.05	2.94 V	25	87.35	-66.40
2	1732.50	21.58	30.00	-8.42	2.94 V	27	87.90	-66.32
3	1752.50	21.68	30.00	-8.32	3.00 V	25	87.92	-66.24

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 10MHz

Mode	TX channel 20000, 20175, 20350							
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	1715.00	13.84	30.00	-16.16	3.29 H	25	80.24	-66.40
2	1732.50	14.06	30.00	-15.94	3.35 H	24	80.38	-66.32
3	1750.00	13.93	30.00	-16.07	3.29 H	21	80.18	-66.25
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	1715.00	21.16	30.00	-8.84	2.99 V	25	87.56	-66.40
2	1732.50	21.38	30.00	-8.62	2.98 V	26	87.70	-66.32
3	1750.00	21.28	30.00	-8.72	2.97 V	30	87.53	-66.25

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

LTE Band 4, Channel Bandwidth 15MHz

Mode	TX channel 20025, 20175, 20325							
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	1717.50	13.75	30.00	-16.25	3.32 H	18	80.14	-66.39
2	1732.50	13.85	30.00	-16.15	3.28 H	24	80.17	-66.32
3	1747.50	13.93	30.00	-16.07	3.29 H	21	80.19	-66.26
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1717.50	21.43	30.00	-8.57	2.94 V	30	87.82	-66.39
2	1732.50	21.21	30.00	-8.79	2.95 V	28	87.53	-66.32
3	1747.50	21.34	30.00	-8.66	2.98 V	30	87.60	-66.26

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 20MHz

Mode	TX channel 20050, 20175, 20300							
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	1720.00	13.93	30.00	-16.07	3.32 H	19	80.30	-66.37
2	1732.50	14.23	30.00	-15.77	3.37 H	24	80.55	-66.32
3	1745.00	13.97	30.00	-16.03	3.28 H	22	80.24	-66.27
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1720.00	21.19	30.00	-8.81	2.96 V	27	87.56	-66.37
2	1732.50	21.42	30.00	-8.58	3.01 V	25	87.74	-66.32
3	1745.00	21.30	30.00	-8.70	2.91 V	28	87.57	-66.27

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

Modulation Type: QPSK

LTE Band 7, Channel Bandwidth 5MHz

Mode	TX channel 20775, 21100, 21425							
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	2502.50	16.30	33.00	-16.70	2.90 H	354	79.51	-63.21
2	2535.00	16.30	33.00	-16.70	2.85 H	349	79.43	-63.13
3	2567.50	16.47	33.00	-16.53	2.84 H	349	79.48	-63.01
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	2502.50	23.08	33.00	-9.92	2.81 V	46	86.29	-63.21
2	2535.00	23.06	33.00	-9.94	2.82 V	43	86.19	-63.13
3	2567.50	23.11	33.00	-9.89	2.76 V	41	86.12	-63.01

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 7, Channel Bandwidth 10MHz

Mode	TX channel 20800, 21100, 21400							
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	2505.00	16.30	33.00	-16.70	2.81 H	352	79.50	-63.20
2	2535.00	16.38	33.00	-16.62	2.88 H	352	79.51	-63.13
3	2565.00	16.49	33.00	-16.51	2.88 H	350	79.51	-63.02
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	2505.00	23.12	33.00	-9.88	2.77 V	45	86.32	-63.20
2	2535.00	23.04	33.00	-9.96	2.84 V	43	86.17	-63.13
3	2565.00	23.05	33.00	-9.95	2.85 V	42	86.07	-63.02

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

LTE Band 7, Channel Bandwidth 15MHz

Mode	TX channel 20825, 21100, 21375							
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	2507.50	16.28	33.00	-16.72	2.80 H	349	79.48	-63.20
2	2535.00	16.36	33.00	-16.64	2.80 H	353	79.49	-63.13
3	2562.50	16.43	33.00	-16.57	2.90 H	350	79.46	-63.03
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	2507.50	23.10	33.00	-9.90	2.80 V	48	86.30	-63.20
2	2535.00	23.09	33.00	-9.91	2.81 V	45	86.22	-63.13
3	2562.50	23.02	33.00	-9.98	2.76 V	42	86.05	-63.03

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 7, Channel Bandwidth 20MHz

Mode	TX channel 20850, 21100, 21350							
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	2510.00	16.27	33.00	-16.73	2.83 H	350	79.46	-63.19
2	2535.00	16.59	33.00	-16.41	2.90 H	349	79.72	-63.13
3	2560.00	16.40	33.00	-16.60	2.81 H	348	79.44	-63.04
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2510.00	23.01	33.00	-9.99	2.82 V	47	86.20	-63.19
2	2535.00	23.20	33.00	-9.80	2.83 V	45	86.33	-63.13
3	2560.00	23.08	33.00	-9.92	2.83 V	48	86.12	-63.04

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

Modulation Type: 16QAM

LTE Band 7, Channel Bandwidth 5MHz

Mode	TX channel 20775, 21100, 21425							
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	2502.50	15.47	33.00	-17.53	2.89 H	351	78.68	-63.21
2	2535.00	15.28	33.00	-17.72	2.87 H	347	78.41	-63.13
3	2567.50	15.62	33.00	-17.38	2.89 H	351	78.63	-63.01
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	2502.50	22.13	33.00	-10.87	2.78 V	47	85.34	-63.21
2	2535.00	22.32	33.00	-10.68	2.76 V	47	85.45	-63.13
3	2567.50	22.30	33.00	-10.70	2.80 V	48	85.31	-63.01

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 7, Channel Bandwidth 10MHz

Mode	TX channel 20800, 21100, 21400							
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	2505.00	15.30	33.00	-17.70	2.82 H	350	78.50	-63.20
2	2535.00	15.56	33.00	-17.44	2.81 H	354	78.69	-63.13
3	2565.00	15.43	33.00	-17.57	2.85 H	353	78.45	-63.02
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	2505.00	22.31	33.00	-10.69	2.80 V	43	85.51	-63.20
2	2535.00	22.16	33.00	-10.84	2.85 V	47	85.29	-63.13
3	2565.00	22.20	33.00	-10.80	2.85 V	42	85.22	-63.02

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

LTE Band 7, Channel Bandwidth 15MHz

Mode		TX channel 20825, 21100, 21375						
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	2507.50	15.21	33.00	-17.79	2.86 H	352	78.41	-63.20
2	2535.00	15.48	33.00	-17.52	2.81 H	350	78.61	-63.13
3	2562.50	15.62	33.00	-17.38	2.82 H	351	78.65	-63.03
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	2507.50	21.97	33.00	-11.03	2.79 V	43	85.17	-63.20
2	2535.00	22.27	33.00	-10.73	2.80 V	46	85.40	-63.13
3	2562.50	22.14	33.00	-10.86	2.79 V	48	85.17	-63.03

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 7, Channel Bandwidth 20MHz

Mode		TX channel 20850, 21100, 21350						
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	2510.00	15.31	33.00	-17.69	2.83 H	348	78.50	-63.19
2	2535.00	15.52	33.00	-17.48	2.82 H	349	78.65	-63.13
3	2560.00	15.51	33.00	-17.49	2.89 H	347	78.55	-63.04
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2510.00	22.15	33.00	-10.85	2.83 V	41	85.34	-63.19
2	2535.00	22.30	33.00	-10.70	2.82 V	43	85.43	-63.13
3	2560.00	22.42	33.00	-10.58	2.83 V	46	85.46	-63.04

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

Modulation Type: 64QAM

LTE Band 7, Channel Bandwidth 5MHz

Mode	TX channel 20775, 21100, 21425							
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	2502.50	14.36	33.00	-18.64	2.81 H	350	77.57	-63.21
2	2535.00	14.42	33.00	-18.58	2.84 H	350	77.55	-63.13
3	2567.50	14.46	33.00	-18.54	2.83 H	352	77.47	-63.01
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	2502.50	21.21	33.00	-11.79	2.77 V	42	84.42	-63.21
2	2535.00	21.26	33.00	-11.74	2.82 V	41	84.39	-63.13
3	2567.50	21.18	33.00	-11.82	2.84 V	40	84.19	-63.01

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 7, Channel Bandwidth 10MHz

Mode	TX channel 20800, 21100, 21400							
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	2505.00	14.27	33.00	-18.73	2.89 H	347	77.47	-63.20
2	2535.00	14.47	33.00	-18.53	2.88 H	349	77.60	-63.13
3	2565.00	14.61	33.00	-18.39	2.84 H	348	77.63	-63.02
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	2505.00	21.12	33.00	-11.88	2.77 V	43	84.32	-63.20
2	2535.00	21.23	33.00	-11.77	2.83 V	41	84.36	-63.13
3	2565.00	21.38	33.00	-11.62	2.78 V	46	84.40	-63.02

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

LTE Band 7, Channel Bandwidth 15MHz

Mode		TX channel 20825, 21100, 21375						
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	2507.50	14.21	33.00	-18.79	2.84 H	353	77.41	-63.20
2	2535.00	14.52	33.00	-18.48	2.90 H	350	77.65	-63.13
3	2562.50	14.43	33.00	-18.57	2.89 H	351	77.46	-63.03
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	2507.50	20.79	33.00	-12.21	2.81 V	42	83.99	-63.20
2	2535.00	21.32	33.00	-11.68	2.79 V	45	84.45	-63.13
3	2562.50	21.31	33.00	-11.69	2.80 V	46	84.34	-63.03

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 7, Channel Bandwidth 20MHz

Mode		TX channel 20850, 21100, 21350						
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	2510.00	14.21	33.00	-18.79	2.81 H	353	77.40	-63.19
2	2535.00	14.34	33.00	-18.66	2.86 H	349	77.47	-63.13
3	2560.00	14.71	33.00	-18.29	2.84 H	352	77.75	-63.04
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2510.00	21.12	33.00	-11.88	2.78 V	47	84.31	-63.19
2	2535.00	21.22	33.00	-11.78	2.76 V	48	84.35	-63.13
3	2560.00	21.26	33.00	-11.74	2.78 V	42	84.30	-63.04

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

Modulation Type: QPSK

LTE Band 12, Channel Bandwidth 1.4MHz

Mode	TX channel 23017, 23095, 23173							
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	699.70	16.94	34.77	-17.83	2.17 H	294	91.71	-74.77
2	707.50	16.97	34.77	-17.80	2.11 H	290	91.79	-74.82
3	715.30	16.88	34.77	-17.89	2.17 H	294	91.66	-74.78
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	699.70	20.06	34.77	-14.71	1.82 V	152	94.83	-74.77
2	707.50	20.04	34.77	-14.73	1.77 V	152	94.86	-74.82
3	715.30	20.07	34.77	-14.70	1.84 V	153	94.85	-74.78

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 - 2.15
3. Margin value = ERP – Limit value

LTE Band 12, Channel Bandwidth 3MHz

Mode	TX channel 23025, 23095, 23165							
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	700.50	16.91	34.77	-17.86	2.15 H	293	91.68	-74.77
2	707.50	16.80	34.77	-17.97	2.15 H	290	91.62	-74.82
3	714.50	16.89	34.77	-17.88	2.12 H	291	91.66	-74.77
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	700.50	20.22	34.77	-14.55	1.87 V	154	94.99	-74.77
2	707.50	20.08	34.77	-14.69	1.82 V	156	94.90	-74.82
3	714.50	20.08	34.77	-14.69	1.78 V	153	94.85	-74.77

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

LTE Band 12, Channel Bandwidth 5MHz

Mode		TX channel 23035, 23095, 23155						
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	701.50	17.02	34.77	-17.75	2.14 H	291	91.81	-74.79
2	707.50	16.93	34.77	-17.84	2.16 H	293	91.75	-74.82
3	713.50	17.00	34.77	-17.77	2.17 H	292	91.78	-74.78
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	701.50	20.09	34.77	-14.68	1.83 V	152	94.88	-74.79
2	707.50	20.16	34.77	-14.61	1.82 V	153	94.98	-74.82
3	713.50	20.04	34.77	-14.73	1.85 V	156	94.82	-74.78

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 - 2.15
3. Margin value = ERP – Limit value

LTE Band 12, Channel Bandwidth 10MHz

Mode		TX channel 23060, 23095, 23130						
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	704.00	16.82	34.77	-17.95	2.15 H	289	91.64	-74.82
2	707.50	17.10	34.77	-17.67	2.15 H	289	91.92	-74.82
3	711.00	16.92	34.77	-17.85	2.13 H	290	91.71	-74.79
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	704.00	20.15	34.77	-14.62	1.78 V	155	94.97	-74.82
2	707.50	20.29	34.77	-14.48	1.85 V	157	95.11	-74.82
3	711.00	20.13	34.77	-14.64	1.80 V	151	94.92	-74.79

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

Modulation Type: 16QAM

LTE Band 12, Channel Bandwidth 1.4MHz

Mode	TX channel 23017, 23095, 23173							
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	699.70	16.04	34.77	-18.73	2.12 H	295	90.81	-74.77
2	707.50	15.91	34.77	-18.86	2.21 H	290	90.73	-74.82
3	715.30	15.84	34.77	-18.93	2.19 H	291	90.62	-74.78
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	699.70	19.06	34.77	-15.71	1.77 V	153	93.83	-74.77
2	707.50	19.12	34.77	-15.65	1.85 V	157	93.94	-74.82
3	715.30	19.01	34.77	-15.76	1.82 V	155	93.79	-74.78

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 - 2.15
3. Margin value = ERP – Limit value

LTE Band 12, Channel Bandwidth 3MHz

Mode	TX channel 23025, 23095, 23165							
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	700.50	15.86	34.77	-18.91	2.15 H	292	90.63	-74.77
2	707.50	15.76	34.77	-19.01	2.13 H	293	90.58	-74.82
3	714.50	15.93	34.77	-18.84	2.14 H	294	90.70	-74.77
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	700.50	19.35	34.77	-15.42	1.78 V	151	94.12	-74.77
2	707.50	18.89	34.77	-15.88	1.77 V	153	93.71	-74.82
3	714.50	18.93	34.77	-15.84	1.81 V	154	93.70	-74.77

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

LTE Band 12, Channel Bandwidth 5MHz

Mode		TX channel 23035, 23095, 23155						
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	701.50	16.22	34.77	-18.55	2.15 H	289	91.01	-74.79
2	707.50	16.06	34.77	-18.71	2.11 H	296	90.88	-74.82
3	713.50	15.98	34.77	-18.79	2.13 H	297	90.76	-74.78
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	701.50	19.09	34.77	-15.68	1.80 V	156	93.88	-74.79
2	707.50	19.25	34.77	-15.52	1.82 V	156	94.07	-74.82
3	713.50	19.03	34.77	-15.74	1.77 V	153	93.81	-74.78

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 - 2.15
3. Margin value = ERP – Limit value

LTE Band 12, Channel Bandwidth 10MHz

Mode		TX channel 23060, 23095, 23130						
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	704.00	15.83	34.77	-18.94	2.14 H	295	90.65	-74.82
2	707.50	16.23	34.77	-18.54	2.14 H	293	91.05	-74.82
3	711.00	15.75	34.77	-19.02	2.18 H	291	90.54	-74.79
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	704.00	18.97	34.77	-15.80	1.86 V	158	93.79	-74.82
2	707.50	19.28	34.77	-15.49	1.85 V	158	94.10	-74.82
3	711.00	19.14	34.77	-15.63	1.82 V	154	93.93	-74.79

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

Modulation Type: 64QAM

LTE Band 12, Channel Bandwidth 1.4MHz

Mode		TX channel 23017, 23095, 23173						
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	699.70	15.09	34.77	-19.68	2.18 H	293	89.86	-74.77
2	707.50	14.75	34.77	-20.02	2.15 H	293	89.57	-74.82
3	715.30	15.04	34.77	-19.73	2.17 H	289	89.82	-74.78
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	699.70	18.21	34.77	-16.56	1.87 V	155	92.98	-74.77
2	707.50	18.10	34.77	-16.67	1.86 V	151	92.92	-74.82
3	715.30	18.08	34.77	-16.69	1.78 V	156	92.86	-74.78

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 - 2.15
3. Margin value = ERP – Limit value

LTE Band 12, Channel Bandwidth 3MHz

Mode		TX channel 23025, 23095, 23165						
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	700.50	14.95	34.77	-19.82	2.14 H	289	89.72	-74.77
2	707.50	14.61	34.77	-20.16	2.20 H	290	89.43	-74.82
3	714.50	14.73	34.77	-20.04	2.17 H	291	89.50	-74.77
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	700.50	18.48	34.77	-16.29	1.87 V	153	93.25	-74.77
2	707.50	18.09	34.77	-16.68	1.83 V	156	92.91	-74.82
3	714.50	18.09	34.77	-16.68	1.84 V	151	92.86	-74.77

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

LTE Band 12, Channel Bandwidth 5MHz

Mode	TX channel 23035, 23095, 23155							
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	701.50	15.19	34.77	-19.58	2.21 H	292	89.98	-74.79
2	707.50	15.08	34.77	-19.69	2.15 H	294	89.90	-74.82
3	713.50	14.87	34.77	-19.90	2.19 H	294	89.65	-74.78
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	701.50	18.03	34.77	-16.74	1.84 V	151	92.82	-74.79
2	707.50	18.34	34.77	-16.43	1.87 V	157	93.16	-74.82
3	713.50	18.16	34.77	-16.61	1.84 V	153	92.94	-74.78

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 - 2.15
3. Margin value = ERP – Limit value

LTE Band 12, Channel Bandwidth 10MHz

Mode	TX channel 23060, 23095, 23130							
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	704.00	14.77	34.77	-20.00	2.21 H	295	89.59	-74.82
2	707.50	15.34	34.77	-19.43	2.17 H	290	90.16	-74.82
3	711.00	14.94	34.77	-19.83	2.15 H	295	89.73	-74.79
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	704.00	18.11	34.77	-16.66	1.81 V	157	92.93	-74.82
2	707.50	18.12	34.77	-16.65	1.77 V	153	92.94	-74.82
3	711.00	18.06	34.77	-16.71	1.77 V	155	92.85	-74.79

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

Modulation Type: QPSK

LTE Band 13, Channel Bandwidth 5MHz

Mode	TX channel 23205, 23230, 23255							
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	779.50	11.42	34.77	-23.35	2.23 H	308	85.00	-73.58
2	782.00	11.33	34.77	-23.44	2.23 H	311	84.91	-73.58
3	784.50	11.32	34.77	-23.45	2.20 H	311	84.94	-73.62
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	779.50	20.15	34.77	-14.62	1.84 V	162	93.73	-73.58
2	782.00	20.11	34.77	-14.66	4.00 V	163	93.69	-73.58
3	784.50	20.12	34.77	-14.65	1.89 V	167	93.74	-73.62

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

LTE Band 13, Channel Bandwidth 10MHz

Mode	TX channel 23230							
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	782.00	11.59	34.77	-23.18	2.17 H	305	85.17	-73.58
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	782.00	20.35	34.77	-14.42	2.17 V	305	93.93	-73.58

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

Modulation Type: 16QAM

LTE Band 13, Channel Bandwidth 5MHz

Mode	TX channel 23205, 23230, 23255							
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	779.50	10.55	34.77	-24.22	2.18 H	308	84.13	-73.58
2	782.00	10.19	34.77	-24.58	2.19 H	305	83.77	-73.58
3	784.50	10.29	34.77	-24.48	2.16 H	311	83.91	-73.62
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	779.50	19.32	34.77	-15.45	1.85 V	161	92.90	-73.58
2	782.00	18.98	34.77	-15.79	1.94 V	164	92.56	-73.58
3	784.50	19.08	34.77	-15.69	1.88 V	164	92.70	-73.62

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

LTE Band 13, Channel Bandwidth 10MHz

Mode	TX channel 23230							
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	782.00	10.77	34.77	-24.00	2.20 H	310	84.35	-73.58
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	782.00	19.44	34.77	-15.33	1.92 V	165	93.02	-73.58

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

Modulation Type: 64QAM

LTE Band 13, Channel Bandwidth 5MHz

Mode	TX channel 23205, 23230, 23255							
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	779.50	9.37	34.77	-25.40	2.22 H	305	82.95	-73.58
2	782.00	9.00	34.77	-25.77	2.18 H	309	82.58	-73.58
3	784.50	9.13	34.77	-25.64	2.17 H	300	82.75	-73.62
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	779.50	18.22	34.77	-16.55	1.94 V	161	91.80	-73.58
2	782.00	18.13	34.77	-16.64	1.84 V	160	91.71	-73.58
3	784.50	18.28	34.77	-16.49	1.92 V	163	91.90	-73.62

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

LTE Band 13, Channel Bandwidth 10MHz

Mode	TX channel 23230							
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	782.00	9.77	34.77	-25.00	2.17 H	309	83.35	-73.58
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	782.00	18.61	34.77	-16.16	1.94 V	161	92.19	-73.58

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

Modulation Type: QPSK

LTE Band 66, Channel Bandwidth 1.4MHz

Mode	TX channel 131979, 132322, 132665							
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	1710.70	15.49	30.00	-14.51	3.94 H	3	81.91	-66.42
2	1745.00	15.68	30.00	-14.32	3.99 H	6	81.95	-66.27
3	1779.30	15.72	30.00	-14.28	3.94 H	6	81.92	-66.20
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	1710.70	23.02	30.00	-6.98	2.90 V	72	89.44	-66.42
2	1745.00	23.17	30.00	-6.83	2.87 V	73	89.44	-66.27
3	1779.30	23.18	30.00	-6.82	2.88 V	71	89.38	-66.20

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

LTE Band 66, Channel Bandwidth 3MHz

Mode	TX channel 131987, 132322, 132657							
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	1711.50	15.49	30.00	-14.51	3.91 H	2	81.91	-66.42
2	1745.00	15.73	30.00	-14.27	3.96 H	7	82.00	-66.27
3	1778.50	15.71	30.00	-14.29	3.94 H	1	81.91	-66.20
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	1711.50	23.01	30.00	-6.99	2.85 V	71	89.43	-66.42
2	1745.00	23.14	30.00	-6.86	2.80 V	69	89.41	-66.27
3	1778.50	23.14	30.00	-6.86	2.81 V	74	89.34	-66.20

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

LTE Band 66, Channel Bandwidth 5MHz

Mode	TX channel 131997, 132322, 132647							
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	1712.50	15.57	30.00	-14.43	3.98 H	2	81.97	-66.40
2	1745.00	15.67	30.00	-14.33	3.96 H	7	81.94	-66.27
3	1777.50	15.75	30.00	-14.25	3.96 H	5	81.95	-66.20
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	1712.50	22.94	30.00	-7.06	2.82 V	70	89.34	-66.40
2	1745.00	23.09	30.00	-6.91	2.89 V	69	89.36	-66.27
3	1777.50	23.24	30.00	-6.76	2.90 V	73	89.44	-66.20

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

LTE Band 66, Channel Bandwidth 10MHz

Mode	TX channel 132022, 132322, 132622							
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	1715.00	15.52	30.00	-14.48	4.00 H	1	81.92	-66.40
2	1745.00	15.73	30.00	-14.27	3.93 H	1	82.00	-66.27
3	1775.00	15.76	30.00	-14.24	3.96 H	6	81.96	-66.20
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	1715.00	22.98	30.00	-7.02	2.81 V	76	89.38	-66.40
2	1745.00	23.17	30.00	-6.83	2.93 V	74	89.44	-66.27
3	1775.00	23.14	30.00	-6.86	2.89 V	69	89.34	-66.20

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

LTE Band 66, Channel Bandwidth 15MHz

Mode	TX channel 132047, 132322, 132597							
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	1717.50	15.58	30.00	-14.42	3.94 H	7	81.97	-66.39
2	1745.00	15.68	30.00	-14.32	3.98 H	3	81.95	-66.27
3	1772.50	15.78	30.00	-14.22	3.95 H	8	82.00	-66.22
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	1717.50	23.04	30.00	-6.96	2.89 V	70	89.43	-66.39
2	1745.00	23.17	30.00	-6.83	2.86 V	76	89.44	-66.27
3	1772.50	23.16	30.00	-6.84	2.80 V	71	89.38	-66.22

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

LTE Band 66, Channel Bandwidth 20MHz

Mode	TX channel 132072, 132322, 132572							
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	1720.00	15.63	30.00	-14.37	3.95 H	8	82.00	-66.37
2	1745.00	15.93	30.00	-14.07	3.95 H	7	82.20	-66.27
3	1770.00	15.71	30.00	-14.29	3.92 H	6	81.93	-66.22
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	1720.00	22.98	30.00	-7.02	2.89 V	72	89.35	-66.37
2	1745.00	23.27	30.00	-6.73	2.80 V	73	89.54	-66.27
3	1770.00	23.17	30.00	-6.83	2.87 V	72	89.39	-66.22

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

Modulation Type: 16QAM

LTE Band 66, Channel Bandwidth 1.4MHz

Mode	TX channel 131979, 132322, 132665							
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	1710.70	14.31	30.00	-15.69	3.95 H	2	80.73	-66.42
2	1745.00	14.72	30.00	-15.28	4.00 H	5	80.99	-66.27
3	1779.30	14.84	30.00	-15.16	3.94 H	4	81.04	-66.20
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	1710.70	21.89	30.00	-8.11	2.88 V	70	88.31	-66.42
2	1745.00	22.05	30.00	-7.95	2.86 V	73	88.32	-66.27
3	1779.30	21.98	30.00	-8.02	2.86 V	69	88.18	-66.20

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

LTE Band 66, Channel Bandwidth 3MHz

Mode	TX channel 131987, 132322, 132657							
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	1711.50	14.29	30.00	-15.71	3.94 H	2	80.71	-66.42
2	1745.00	14.92	30.00	-15.08	3.92 H	3	81.19	-66.27
3	1778.50	14.80	30.00	-15.20	3.94 H	5	81.00	-66.20
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	1711.50	21.83	30.00	-8.17	2.87 V	74	88.25	-66.42
2	1745.00	22.22	30.00	-7.78	2.80 V	72	88.49	-66.27
3	1778.50	22.09	30.00	-7.91	2.83 V	74	88.29	-66.20

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

LTE Band 66, Channel Bandwidth 5MHz

Mode	TX channel 131997, 132322, 132647							
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	1712.50	14.60	30.00	-15.40	4.00 H	4	81.00	-66.40
2	1745.00	14.50	30.00	-15.50	3.99 H	7	80.77	-66.27
3	1777.50	14.69	30.00	-15.31	3.94 H	4	80.89	-66.20
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	1712.50	22.07	30.00	-7.93	2.85 V	72	88.47	-66.40
2	1745.00	21.92	30.00	-8.08	2.81 V	72	88.19	-66.27
3	1777.50	22.05	30.00	-7.95	2.88 V	70	88.25	-66.20

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

LTE Band 66, Channel Bandwidth 10MHz

Mode	TX channel 132022, 132322, 132622							
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	1715.00	14.37	30.00	-15.63	3.99 H	1	80.77	-66.40
2	1745.00	14.90	30.00	-15.10	3.94 H	5	81.17	-66.27
3	1775.00	14.90	30.00	-15.10	3.99 H	6	81.10	-66.20
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	1715.00	21.90	30.00	-8.10	2.82 V	70	88.30	-66.40
2	1745.00	22.23	30.00	-7.77	2.90 V	74	88.50	-66.27
3	1775.00	22.00	30.00	-8.00	2.80 V	74	88.20	-66.20

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

LTE Band 66, Channel Bandwidth 15MHz

Mode	TX channel 132047, 132322, 132597							
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	1717.50	14.48	30.00	-15.52	3.93 H	4	80.87	-66.39
2	1745.00	14.58	30.00	-15.42	3.94 H	8	80.85	-66.27
3	1772.50	14.86	30.00	-15.14	3.99 H	5	81.08	-66.22
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	1717.50	22.13	30.00	-7.87	2.84 V	74	88.52	-66.39
2	1745.00	22.13	30.00	-7.87	2.88 V	73	88.40	-66.27
3	1772.50	22.09	30.00	-7.91	2.83 V	75	88.31	-66.22

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

LTE Band 66, Channel Bandwidth 20MHz

Mode	TX channel 132072, 132322, 132572							
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	1720.00	14.60	30.00	-15.40	3.93 H	4	80.97	-66.37
2	1745.00	15.12	30.00	-14.88	3.99 H	3	81.39	-66.27
3	1770.00	14.81	30.00	-15.19	3.96 H	7	81.03	-66.22
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	1720.00	21.99	30.00	-8.01	2.90 V	70	88.36	-66.37
2	1745.00	22.26	30.00	-7.74	2.87 V	73	88.53	-66.27
3	1770.00	22.36	30.00	-7.64	2.85 V	75	88.58	-66.22

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

Modulation Type: 64QAM

LTE Band 66, Channel Bandwidth 1.4MHz

Mode	TX channel 131979, 132322, 132665							
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	1710.70	13.37	30.00	-16.63	3.92 H	8	79.79	-66.42
2	1745.00	13.91	30.00	-16.09	3.95 H	2	80.18	-66.27
3	1779.30	14.01	30.00	-15.99	3.98 H	3	80.21	-66.20
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	1710.70	20.84	30.00	-9.16	2.85 V	73	87.26	-66.42
2	1745.00	20.92	30.00	-9.08	2.90 V	71	87.19	-66.27
3	1779.30	20.94	30.00	-9.06	2.89 V	75	87.14	-66.20

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

LTE Band 66, Channel Bandwidth 3MHz

Mode	TX channel 131987, 132322, 132657							
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	1711.50	13.24	30.00	-16.76	4.00 H	1	79.66	-66.42
2	1745.00	13.90	30.00	-16.10	3.96 H	5	80.17	-66.27
3	1778.50	13.83	30.00	-16.17	3.94 H	3	80.03	-66.20
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	1711.50	21.02	30.00	-8.98	2.83 V	74	87.44	-66.42
2	1745.00	21.21	30.00	-8.79	2.82 V	70	87.48	-66.27
3	1778.50	21.27	30.00	-8.73	2.89 V	76	87.47	-66.20

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

LTE Band 66, Channel Bandwidth 5MHz

Mode	TX channel 131997, 132322, 132647							
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	1712.50	13.71	30.00	-16.29	4.00 H	5	80.11	-66.40
2	1745.00	13.41	30.00	-16.59	3.93 H	3	79.68	-66.27
3	1777.50	13.60	30.00	-16.40	3.94 H	6	79.80	-66.20
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	1712.50	20.99	30.00	-9.01	2.80 V	72	87.39	-66.40
2	1745.00	20.73	30.00	-9.27	2.90 V	69	87.00	-66.27
3	1777.50	21.06	30.00	-8.94	2.85 V	72	87.26	-66.20

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

LTE Band 66, Channel Bandwidth 10MHz

Mode	TX channel 132022, 132322, 132622							
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	1715.00	13.19	30.00	-16.81	3.94 H	5	79.59	-66.40
2	1745.00	13.92	30.00	-16.08	3.92 H	1	80.19	-66.27
3	1775.00	13.73	30.00	-16.27	3.98 H	6	79.93	-66.20
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	1715.00	20.94	30.00	-9.06	2.90 V	69	87.34	-66.40
2	1745.00	21.42	30.00	-8.58	2.87 V	70	87.69	-66.27
3	1775.00	21.04	30.00	-8.96	2.80 V	69	87.24	-66.20

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

LTE Band 66, Channel Bandwidth 15MHz

Mode		TX channel 132047, 132322, 132597						
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	1717.50	13.41	30.00	-16.59	3.97 H	4	79.80	-66.39
2	1745.00	13.68	30.00	-16.32	3.94 H	3	79.95	-66.27
3	1772.50	13.97	30.00	-16.03	3.97 H	2	80.19	-66.22
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	1717.50	21.03	30.00	-8.97	2.84 V	74	87.42	-66.39
2	1745.00	21.26	30.00	-8.74	2.84 V	71	87.53	-66.27
3	1772.50	21.10	30.00	-8.90	2.84 V	69	87.32	-66.22

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

LTE Band 66, Channel Bandwidth 20MHz

Mode		TX channel 132072, 132322, 132572						
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	1720.00	13.46	30.00	-16.54	3.91 H	2	79.83	-66.37
2	1745.00	14.05	30.00	-15.95	3.98 H	3	80.32	-66.27
3	1770.00	13.78	30.00	-16.22	3.98 H	5	80.00	-66.22
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	1720.00	20.98	30.00	-9.02	2.88 V	72	87.35	-66.37
2	1745.00	21.26	30.00	-8.74	2.85 V	72	87.53	-66.27
3	1770.00	21.18	30.00	-8.82	2.83 V	73	87.40	-66.22

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

Modulation Type: QPSK

LTE Band 71, Channel Bandwidth 5MHz

Mode	TX channel 133147, 133297, 133447							
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	665.50	15.11	34.77	-19.66	1.89 H	64	90.46	-75.35
2	680.50	15.43	34.77	-19.34	1.92 H	62	90.49	-75.06
3	695.50	15.77	34.77	-19.00	1.91 H	62	90.57	-74.80
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	665.50	20.27	34.77	-14.50	1.82 V	202	95.62	-75.35
2	680.50	20.49	34.77	-14.28	1.83 V	199	95.55	-75.06
3	695.50	20.87	34.77	-13.90	1.83 V	205	95.67	-74.80

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

LTE Band 71, Channel Bandwidth 10MHz

Mode	TX channel 133172, 133297, 133422							
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	668.00	15.08	34.77	-19.69	1.89 H	65	90.46	-75.38
2	680.50	15.39	34.77	-19.38	1.94 H	60	90.45	-75.06
3	693.00	15.61	34.77	-19.16	1.99 H	59	90.49	-74.88
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	668.00	20.18	34.77	-14.59	1.83 V	202	95.56	-75.38
2	680.50	20.46	34.77	-14.31	1.87 V	202	95.52	-75.06
3	693.00	20.71	34.77	-14.06	1.90 V	202	95.59	-74.88

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

LTE Band 71, Channel Bandwidth 15MHz

Mode		TX channel 133197, 133297, 133397						
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	670.50	15.06	34.77	-19.71	1.89 H	62	90.45	-75.39
2	680.50	15.56	34.77	-19.21	1.84 H	62	90.62	-75.06
3	690.50	15.55	34.77	-19.22	1.86 H	64	90.53	-74.98
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	670.50	20.28	34.77	-14.49	1.82 V	202	95.67	-75.39
2	680.50	20.47	34.77	-14.30	1.90 V	202	95.53	-75.06
3	690.50	20.59	34.77	-14.18	1.82 V	204	95.57	-74.98

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

LTE Band 71, Channel Bandwidth 20MHz

Mode		TX channel 133222, 133297, 133372						
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	673.00	15.27	34.77	-19.50	1.92 H	60	90.62	-75.35
2	680.50	15.66	34.77	-19.11	1.89 H	62	90.72	-75.06
3	688.00	15.54	34.77	-19.23	1.88 H	59	90.57	-75.03
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	673.00	20.29	34.77	-14.48	1.85 V	200	95.64	-75.35
2	680.50	20.72	34.77	-14.05	1.87 V	201	95.78	-75.06
3	688.00	20.60	34.77	-14.17	1.87 V	203	95.63	-75.03

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 - 2.15
3. Margin value = ERP – Limit value

Modulation Type: 16QAM

LTE Band 71, Channel Bandwidth 5MHz

Mode	TX channel 133147, 133297, 133447							
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	665.00	14.17	34.77	-20.60	1.89 H	63	89.51	-75.34
2	680.50	14.59	34.77	-20.18	1.91 H	60	89.65	-75.06
3	695.50	14.82	34.77	-19.95	1.94 H	60	89.62	-74.80
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	665.50	19.33	34.77	-15.44	1.90 V	205	94.68	-75.35
2	680.50	19.66	34.77	-15.11	1.86 V	202	94.72	-75.06
3	695.50	19.79	34.77	-14.98	1.86 V	203	94.59	-74.80

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

LTE Band 71, Channel Bandwidth 10MHz

Mode	TX channel 133172, 133297, 133422							
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	668.00	14.10	34.77	-20.67	1.84 H	63	89.48	-75.38
2	680.50	14.34	34.77	-20.43	1.86 H	65	89.40	-75.06
3	693.00	14.69	34.77	-20.08	1.94 H	59	89.57	-74.88
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	668.00	19.25	34.77	-15.52	1.87 V	201	94.63	-75.38
2	680.50	19.64	34.77	-15.13	1.85 V	202	94.70	-75.06
3	693.00	19.75	34.77	-15.02	1.84 V	200	94.63	-74.88

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

LTE Band 71, Channel Bandwidth 15MHz

Mode		TX channel 133197, 133297, 133397						
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	670.50	14.15	34.77	-20.62	1.90 H	66	89.54	-75.39
2	680.50	14.38	34.77	-20.39	1.86 H	66	89.44	-75.06
3	690.50	14.35	34.77	-20.42	1.93 H	63	89.33	-74.98
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	670.50	19.19	34.77	-15.58	1.91 V	204	94.58	-75.39
2	680.50	19.40	34.77	-15.37	1.88 V	203	94.46	-75.06
3	690.50	19.72	34.77	-15.05	1.84 V	201	94.70	-74.98

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

LTE Band 71, Channel Bandwidth 20MHz

Mode		TX channel 133222, 133297, 133372						
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	673.00	14.30	34.77	-20.47	1.89 H	66	89.65	-75.35
2	680.50	14.83	34.77	-19.94	1.87 H	63	89.89	-75.06
3	688.00	14.63	34.77	-20.14	1.93 H	61	89.66	-75.03
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	673.00	19.45	34.77	-15.32	1.87 V	203	94.80	-75.35
2	680.50	19.65	34.77	-15.12	1.89 V	205	94.71	-75.06
3	688.00	19.58	34.77	-15.19	1.90 V	205	94.61	-75.03

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 - 2.15
3. Margin value = ERP – Limit value

Modulation Type: 64QAM

LTE Band 71, Channel Bandwidth 5MHz

Mode	TX channel 133147, 133297, 133447							
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	665.50	13.29	34.77	-21.48	1.90 H	64	88.64	-75.35
2	680.50	13.44	34.77	-21.33	1.88 H	63	88.50	-75.06
3	695.50	13.74	34.77	-21.03	1.85 H	61	88.54	-74.80
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	665.50	18.24	34.77	-16.53	1.83 V	202	93.59	-75.35
2	680.50	18.79	34.77	-15.98	1.83 V	199	93.85	-75.06
3	695.50	18.87	34.77	-15.90	1.83 V	205	93.67	-74.80

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

LTE Band 71, Channel Bandwidth 10MHz

Mode	TX channel 133172, 133297, 133422							
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	668.00	13.19	34.77	-21.58	1.89 H	59	88.57	-75.38
2	680.50	13.44	34.77	-21.33	1.85 H	59	88.50	-75.06
3	693.00	13.55	34.77	-21.22	1.86 H	61	88.43	-74.88
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	668.00	18.44	34.77	-16.33	1.86 V	202	93.82	-75.38
2	680.50	18.61	34.77	-16.16	1.91 V	204	93.67	-75.06
3	693.00	18.83	34.77	-15.94	1.86 V	203	93.71	-74.88

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

LTE Band 71, Channel Bandwidth 15MHz

Mode		TX channel 133197, 133297, 133397						
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	670.50	13.03	34.77	-21.74	1.90 H	61	88.42	-75.39
2	680.50	13.44	34.77	-21.33	1.87 H	59	88.50	-75.06
3	690.50	13.44	34.77	-21.33	1.85 H	65	88.42	-74.98
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	670.50	18.21	34.77	-16.56	1.90 V	205	93.60	-75.39
2	680.50	18.33	34.77	-16.44	1.86 V	200	93.39	-75.06
3	690.50	18.69	34.77	-16.08	1.86 V	198	93.67	-74.98

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

LTE Band 71, Channel Bandwidth 20MHz

Mode		TX channel 133222, 133297, 133372						
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	673.00	13.17	34.77	-21.60	1.92 H	63	88.52	-75.35
2	680.50	13.66	34.77	-21.11	1.90 H	65	88.72	-75.06
3	688.00	13.46	34.77	-21.31	1.87 H	61	88.49	-75.03
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	673.00	18.41	34.77	-16.36	1.89 V	200	93.76	-75.35
2	680.50	18.83	34.77	-15.94	1.84 V	200	93.89	-75.06
3	688.00	18.76	34.77	-16.01	1.90 V	203	93.79	-75.03

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 - 2.15
3. Margin value = ERP – Limit value

EUT + Antenna 3

Modulation Type: QPSK

LTE Band 4, Channel Bandwidth 1.4MHz

Mode	TX channel 19957, 20175, 20393							
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	1710.70	15.68	30.00	-14.32	2.48 H	316	82.10	-66.42
2	1732.50	15.69	30.00	-14.31	2.52 H	321	82.01	-66.32
3	1754.30	15.76	30.00	-14.24	2.48 H	323	82.00	-66.24
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1710.70	23.07	30.00	-6.93	2.74 V	96	89.49	-66.42
2	1732.50	23.17	30.00	-6.83	2.73 V	94	89.49	-66.32
3	1754.30	23.22	30.00	-6.78	2.66 V	95	89.46	-66.24

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 3MHz

Mode	TX channel 19965, 20175, 20385							
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	1711.50	15.68	30.00	-14.32	2.43 H	323	82.10	-66.42
2	1732.50	15.68	30.00	-14.32	2.43 H	319	82.00	-66.32
3	1753.50	15.85	30.00	-14.15	2.46 H	316	82.09	-66.24
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1711.50	23.03	30.00	-6.97	2.68 V	93	89.45	-66.42
2	1732.50	23.15	30.00	-6.85	2.74 V	97	89.47	-66.32
3	1753.50	23.27	30.00	-6.73	2.73 V	99	89.51	-66.24

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 5MHz

Mode	TX channel 19975, 20175, 20375							
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	1712.50	15.65	30.00	-14.35	2.42 H	321	82.05	-66.40
2	1732.50	15.77	30.00	-14.23	2.43 H	319	82.09	-66.32
3	1752.50	15.85	30.00	-14.15	2.46 H	321	82.09	-66.24
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1712.50	23.05	30.00	-6.95	2.69 V	95	89.45	-66.40
2	1732.50	23.13	30.00	-6.87	2.70 V	100	89.45	-66.32
3	1752.50	23.26	30.00	-6.74	2.74 V	99	89.50	-66.24

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 10MHz

Mode	TX channel 20000, 20175, 20350							
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	1715.00	15.69	30.00	-14.31	2.43 H	319	82.09	-66.40
2	1732.50	15.70	30.00	-14.30	2.42 H	318	82.02	-66.32
3	1750.00	15.77	30.00	-14.23	2.50 H	319	82.02	-66.25
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	1715.00	23.09	30.00	-6.91	2.71 V	93	89.49	-66.40
2	1732.50	23.15	30.00	-6.85	2.66 V	94	89.47	-66.32
3	1750.00	23.24	30.00	-6.76	2.69 V	98	89.49	-66.25

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

LTE Band 4, Channel Bandwidth 15MHz

Mode		TX channel 20025, 20175, 20325						
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	1717.50	15.64	30.00	-14.36	2.43 H	323	82.03	-66.39
2	1732.50	15.69	30.00	-14.31	2.44 H	320	82.01	-66.32
3	1747.50	15.81	30.00	-14.19	2.42 H	317	82.07	-66.26
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1717.50	23.04	30.00	-6.96	2.65 V	97	89.43	-66.39
2	1732.50	23.17	30.00	-6.83	2.64 V	100	89.49	-66.32
3	1747.50	23.23	30.00	-6.77	2.65 V	93	89.49	-66.26

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 20MHz

Mode		TX channel 20050, 20175, 20300						
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	1720.00	15.70	30.00	-14.30	2.42 H	323	82.07	-66.37
2	1732.50	15.98	30.00	-14.02	2.52 H	317	82.30	-66.32
3	1745.00	15.73	30.00	-14.27	2.51 H	320	82.00	-66.27
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1720.00	23.11	30.00	-6.89	2.68 V	94	89.48	-66.37
2	1732.50	23.29	30.00	-6.71	2.80 V	98	89.61	-66.32
3	1745.00	23.21	30.00	-6.79	2.81 V	96	89.48	-66.27

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

Modulation Type: 16QAM

LTE Band 4, Channel Bandwidth 1.4MHz

Mode	TX channel 19957, 20175, 20393							
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	1710.70	14.56	30.00	-15.44	2.51 H	323	80.98	-66.42
2	1732.50	14.86	30.00	-15.14	2.51 H	321	81.18	-66.32
3	1754.30	14.91	30.00	-15.09	2.44 H	318	81.15	-66.24
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1710.70	22.22	30.00	-7.78	2.69 V	99	88.64	-66.42
2	1732.50	22.24	30.00	-7.76	2.74 V	100	88.56	-66.32
3	1754.30	22.35	30.00	-7.65	2.64 V	94	88.59	-66.24

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 3MHz

Mode	TX channel 19965, 20175, 20385							
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	1711.50	14.58	30.00	-15.42	2.43 H	318	81.00	-66.42
2	1732.50	14.57	30.00	-15.43	2.51 H	320	80.89	-66.32
3	1753.50	14.71	30.00	-15.29	2.50 H	322	80.95	-66.24
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1711.50	22.38	30.00	-7.62	2.71 V	97	88.80	-66.42
2	1732.50	22.26	30.00	-7.74	2.68 V	95	88.58	-66.32
3	1753.50	22.33	30.00	-7.67	2.69 V	96	88.57	-66.24

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 5MHz

Mode	TX channel 19975, 20175, 20375							
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	1712.50	14.76	30.00	-15.24	2.43 H	320	81.16	-66.40
2	1732.50	14.79	30.00	-15.21	2.47 H	317	81.11	-66.32
3	1752.50	15.03	30.00	-14.97	2.51 H	321	81.27	-66.24
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1712.50	21.88	30.00	-8.12	2.64 V	99	88.28	-66.40
2	1732.50	22.31	30.00	-7.69	2.73 V	100	88.63	-66.32
3	1752.50	22.27	30.00	-7.73	2.67 V	96	88.51	-66.24

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 10MHz

Mode	TX channel 20000, 20175, 20350							
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	1715.00	14.74	30.00	-15.26	2.45 H	321	81.14	-66.40
2	1732.50	14.50	30.00	-15.50	2.43 H	318	80.82	-66.32
3	1750.00	14.82	30.00	-15.18	2.46 H	320	81.07	-66.25
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	1715.00	22.00	30.00	-8.00	2.71 V	96	88.40	-66.40
2	1732.50	22.10	30.00	-7.90	2.71 V	97	88.42	-66.32
3	1750.00	22.04	30.00	-7.96	2.67 V	96	88.29	-66.25

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

LTE Band 4, Channel Bandwidth 15MHz

Mode		TX channel 20025, 20175, 20325						
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	1717.50	14.51	30.00	-15.49	2.64 H	320	80.90	-66.39
2	1732.50	14.73	30.00	-15.27	2.42 H	318	81.05	-66.32
3	1747.50	14.87	30.00	-15.13	2.48 H	322	81.13	-66.26
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1717.50	22.24	30.00	-7.76	2.68 V	98	88.63	-66.39
2	1732.50	22.03	30.00	-7.97	2.71 V	99	88.35	-66.32
3	1747.50	22.12	30.00	-7.88	2.70 V	97	88.38	-66.26

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 20MHz

Mode		TX channel 20050, 20175, 20300						
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	1720.00	14.89	30.00	-15.11	2.47 H	317	81.26	-66.37
2	1732.50	14.80	30.00	-15.20	2.47 H	322	81.12	-66.32
3	1745.00	14.74	30.00	-15.26	2.44 H	322	81.01	-66.27
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1720.00	22.27	30.00	-7.73	2.71 V	93	88.64	-66.37
2	1732.50	22.38	30.00	-7.62	2.69 V	98	88.70	-66.32
3	1745.00	22.29	30.00	-7.71	2.64 V	99	88.56	-66.27

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

Modulation Type: 64QAM

LTE Band 4, Channel Bandwidth 1.4MHz

Mode	TX channel 19957, 20175, 20393							
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	1710.70	13.64	30.00	-16.36	2.48 H	319	80.06	-66.42
2	1732.50	13.95	30.00	-16.05	2.48 H	322	80.27	-66.32
3	1754.30	14.01	30.00	-15.99	2.46 H	319	80.25	-66.24
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1710.70	21.36	30.00	-8.64	2.71 V	94	87.78	-66.42
2	1732.50	21.23	30.00	-8.77	2.67 V	94	87.55	-66.32
3	1754.30	21.29	30.00	-8.71	2.69 V	98	87.53	-66.24

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 3MHz

Mode	TX channel 19965, 20175, 20385							
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	1711.50	13.71	30.00	-16.29	2.44 H	322	80.13	-66.42
2	1732.50	13.76	30.00	-16.24	2.49 H	319	80.08	-66.32
3	1753.50	13.77	30.00	-16.23	2.52 H	319	80.01	-66.24
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1711.50	21.17	30.00	-8.83	2.70 V	94	87.59	-66.42
2	1732.50	21.18	30.00	-8.82	2.69 V	94	87.50	-66.32
3	1753.50	21.23	30.00	-8.77	2.66 V	98	87.47	-66.24

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 5MHz

Mode	TX channel 19975, 20175, 20375							
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	1712.50	13.70	30.00	-16.30	2.50 H	320	80.10	-66.40
2	1732.50	13.83	30.00	-16.17	2.48 H	316	80.15	-66.32
3	1752.50	13.92	30.00	-16.08	2.47 H	323	80.16	-66.24
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1712.50	20.76	30.00	-9.24	2.72 V	95	87.16	-66.40
2	1732.50	21.23	30.00	-8.77	2.67 V	98	87.55	-66.32
3	1752.50	21.41	30.00	-8.59	2.65 V	93	87.65	-66.24

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 10MHz

Mode	TX channel 20000, 20175, 20350							
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	1715.00	13.59	30.00	-16.41	2.49 H	317	79.99	-66.40
2	1732.50	13.40	30.00	-16.60	2.48 H	322	79.72	-66.32
3	1750.00	13.94	30.00	-16.06	2.49 H	323	80.19	-66.25
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	1715.00	21.16	30.00	-8.84	2.72 V	100	87.56	-66.40
2	1732.50	21.24	30.00	-8.76	2.67 V	97	87.56	-66.32
3	1750.00	21.04	30.00	-8.96	2.64 V	96	87.29	-66.25

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

LTE Band 4, Channel Bandwidth 15MHz

Mode		TX channel 20025, 20175, 20325						
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	1717.50	13.31	30.00	-16.69	2.51 H	314	79.70	-66.39
2	1732.50	13.70	30.00	-16.30	2.46 H	321	80.02	-66.32
3	1747.50	13.68	30.00	-16.32	2.48 H	317	79.94	-66.26
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1717.50	21.15	30.00	-8.85	2.66 V	100	87.54	-66.39
2	1732.50	21.10	30.00	-8.90	2.70 V	97	87.42	-66.32
3	1747.50	21.24	30.00	-8.76	2.67 V	97	87.50	-66.26

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 4, Channel Bandwidth 20MHz

Mode		TX channel 20050, 20175, 20300						
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	1720.00	13.78	30.00	-16.22	2.44 H	316	80.15	-66.37
2	1732.50	14.00	30.00	-16.00	2.43 H	319	80.32	-66.32
3	1745.00	13.70	30.00	-16.30	2.51 H	319	79.97	-66.27
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1720.00	21.38	30.00	-8.62	2.71 V	96	87.75	-66.37
2	1732.50	21.30	30.00	-8.70	2.67 V	98	87.62	-66.32
3	1745.00	21.44	30.00	-8.56	2.71 V	97	87.71	-66.27

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

Modulation Type: QPSK

LTE Band 7, Channel Bandwidth 5MHz

Mode	TX channel 20775, 21100, 21425							
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	2502.50	17.67	33.00	-15.33	2.85 H	347	80.88	-63.21
2	2535.00	17.67	33.00	-15.33	2.87 H	346	80.80	-63.13
3	2567.50	17.81	33.00	-15.19	2.92 H	350	80.82	-63.01
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	2502.50	22.92	33.00	-10.08	2.82 V	222	86.13	-63.21
2	2535.00	23.03	33.00	-9.97	2.86 V	220	86.16	-63.13
3	2567.50	23.18	33.00	-9.82	2.90 V	221	86.19	-63.01

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 7, Channel Bandwidth 10MHz

Mode	TX channel 20800, 21100, 21400							
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	2505.00	17.64	33.00	-15.36	2.89 H	347	80.84	-63.20
2	2535.00	17.74	33.00	-15.26	2.90 H	351	80.87	-63.13
3	2565.00	17.88	33.00	-15.12	2.93 H	347	80.90	-63.02
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	2505.00	22.90	33.00	-10.10	2.84 V	220	86.10	-63.20
2	2535.00	23.07	33.00	-9.93	2.85 V	216	86.20	-63.13
3	2565.00	23.18	33.00	-9.82	2.81 V	222	86.20	-63.02

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

LTE Band 7, Channel Bandwidth 15MHz

Mode	TX channel 20825, 21100, 21375							
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	2507.50	17.69	33.00	-15.31	2.93 H	350	80.89	-63.20
2	2535.00	17.69	33.00	-15.31	2.86 H	345	80.82	-63.13
3	2562.50	17.83	33.00	-15.17	2.91 H	350	80.86	-63.03
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	2507.50	22.96	33.00	-10.04	2.89 V	217	86.16	-63.20
2	2535.00	23.01	33.00	-9.99	2.81 V	218	86.14	-63.13
3	2562.50	23.15	33.00	-9.85	2.83 V	222	86.18	-63.03

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 7, Channel Bandwidth 20MHz

Mode	TX channel 20850, 21100, 21350							
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	2510.00	17.70	33.00	-15.30	2.84 H	344	80.89	-63.19
2	2535.00	17.97	33.00	-15.03	2.85 H	350	81.10	-63.13
3	2560.00	17.82	33.00	-15.18	2.92 H	345	80.86	-63.04
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2510.00	22.94	33.00	-10.06	2.89 V	215	86.13	-63.19
2	2535.00	23.17	33.00	-9.83	2.83 V	218	86.30	-63.13
3	2560.00	23.07	33.00	-9.93	2.84 V	215	86.11	-63.04

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

Modulation Type: 16QAM

LTE Band 7, Channel Bandwidth 5MHz

Mode	TX channel 20775, 21100, 21425							
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	2502.50	16.79	33.00	-16.21	2.88 H	351	80.00	-63.21
2	2535.00	16.80	33.00	-16.20	2.86 H	348	79.93	-63.13
3	2567.50	16.69	33.00	-16.31	2.93 H	345	79.70	-63.01
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	2502.50	21.85	33.00	-11.15	2.87 V	221	85.06	-63.21
2	2535.00	22.04	33.00	-10.96	2.81 V	220	85.17	-63.13
3	2567.50	22.12	33.00	-10.88	2.82 V	222	85.13	-63.01

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 7, Channel Bandwidth 10MHz

Mode	TX channel 20800, 21100, 21400							
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	2505.00	16.83	33.00	-16.17	2.93 H	344	80.03	-63.20
2	2535.00	16.82	33.00	-16.18	2.85 H	344	79.95	-63.13
3	2565.00	16.68	33.00	-16.32	2.94 H	349	79.70	-63.02
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	2505.00	21.93	33.00	-11.07	2.85 V	219	85.13	-63.20
2	2535.00	22.21	33.00	-10.79	2.90 V	222	85.34	-63.13
3	2565.00	22.28	33.00	-10.72	2.91 V	216	85.30	-63.02

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

LTE Band 7, Channel Bandwidth 15MHz

Mode		TX channel 20825, 21100, 21375						
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	2507.50	16.65	33.00	-16.35	2.92 H	350	79.85	-63.20
2	2535.00	16.61	33.00	-16.39	2.93 H	345	79.74	-63.13
3	2562.50	16.87	33.00	-16.13	2.87 H	347	79.90	-63.03
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	2507.50	22.01	33.00	-10.99	2.83 V	222	85.21	-63.20
2	2535.00	22.05	33.00	-10.95	2.91 V	215	85.18	-63.13
3	2562.50	22.31	33.00	-10.69	2.84 V	217	85.34	-63.03

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 7, Channel Bandwidth 20MHz

Mode		TX channel 20850, 21100, 21350						
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	2510.00	16.55	33.00	-16.45	2.90 H	347	79.74	-63.19
2	2535.00	16.84	33.00	-16.16	2.89 H	347	79.97	-63.13
3	2560.00	16.64	33.00	-16.36	2.89 H	346	79.68	-63.04
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2510.00	21.99	33.00	-11.01	2.83 V	222	85.18	-63.19
2	2535.00	22.23	33.00	-10.77	2.81 V	215	85.36	-63.13
3	2560.00	22.24	33.00	-10.76	2.87 V	222	85.28	-63.04

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

Modulation Type: 64QAM

LTE Band 7, Channel Bandwidth 5MHz

Mode	TX channel 20775, 21100, 21425							
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	2502.50	15.93	33.00	-17.07	2.84 H	350	79.14	-63.21
2	2535.00	15.82	33.00	-17.18	2.88 H	344	78.95	-63.13
3	2567.50	15.67	33.00	-17.33	2.91 H	349	78.68	-63.01
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	2502.50	20.79	33.00	-12.21	2.82 V	220	84.00	-63.21
2	2535.00	21.01	33.00	-11.99	2.89 V	219	84.14	-63.13
3	2567.50	21.28	33.00	-11.72	2.87 V	217	84.29	-63.01

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 7, Channel Bandwidth 10MHz

Mode	TX channel 20800, 21100, 21400							
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	2505.00	15.63	33.00	-17.37	2.92 H	350	78.83	-63.20
2	2535.00	15.94	33.00	-17.06	2.87 H	350	79.07	-63.13
3	2565.00	15.56	33.00	-17.44	2.90 H	350	78.58	-63.02
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	2505.00	20.91	33.00	-12.09	2.82 V	217	84.11	-63.20
2	2535.00	21.10	33.00	-11.90	2.84 V	219	84.23	-63.13
3	2565.00	21.37	33.00	-11.63	2.82 V	220	84.39	-63.02

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

LTE Band 7, Channel Bandwidth 15MHz

Mode		TX channel 20825, 21100, 21375						
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	2507.50	15.63	33.00	-17.37	2.90 H	351	78.83	-63.20
2	2535.00	15.42	33.00	-17.58	2.90 H	347	78.55	-63.13
3	2562.50	15.99	33.00	-17.01	2.86 H	349	79.02	-63.03
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	2507.50	21.20	33.00	-11.80	2.86 V	222	84.40	-63.20
2	2535.00	20.99	33.00	-12.01	2.87 V	219	84.12	-63.13
3	2562.50	21.17	33.00	-11.83	2.89 V	222	84.20	-63.03

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value

LTE Band 7, Channel Bandwidth 20MHz

Mode		TX channel 20850, 21100, 21350						
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	2510.00	15.47	33.00	-17.53	2.89 H	346	78.66	-63.19
2	2535.00	15.97	33.00	-17.03	2.87 H	351	79.10	-63.13
3	2560.00	15.82	33.00	-17.18	2.92 H	349	78.86	-63.04
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2510.00	20.88	33.00	-12.12	2.85 V	219	84.07	-63.19
2	2535.00	21.03	33.00	-11.97	2.87 V	222	84.16	-63.13
3	2560.00	21.06	33.00	-11.94	2.90 V	219	84.10	-63.04

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

Modulation Type: QPSK

LTE Band 12, Channel Bandwidth 1.4MHz

Mode	TX channel 23017, 23095, 23173							
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	699.70	16.87	34.77	-17.90	2.31 H	289	91.64	-74.77
2	707.50	16.84	34.77	-17.93	2.33 H	285	91.66	-74.82
3	715.30	16.88	34.77	-17.89	2.28 H	288	91.66	-74.78
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	699.70	20.30	34.77	-14.47	1.77 V	102	95.07	-74.77
2	707.50	20.24	34.77	-14.53	1.76 V	102	95.06	-74.82
3	715.30	20.24	34.77	-14.53	1.81 V	103	95.02	-74.78

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 - 2.15
3. Margin value = ERP – Limit value

LTE Band 12, Channel Bandwidth 3MHz

Mode	TX channel 23025, 23095, 23165							
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	700.50	16.83	34.77	-17.94	2.38 H	289	91.60	-74.77
2	707.50	16.83	34.77	-17.94	2.32 H	285	91.65	-74.82
3	714.50	16.88	34.77	-17.89	2.36 H	287	91.65	-74.77
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	700.50	20.27	34.77	-14.50	1.82 V	98	95.04	-74.77
2	707.50	20.26	34.77	-14.51	1.80 V	105	95.08	-74.82
3	714.50	20.25	34.77	-14.52	1.80 V	105	95.02	-74.77

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

LTE Band 12, Channel Bandwidth 5MHz

Mode		TX channel 23035, 23095, 23155						
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	701.50	16.91	34.77	-17.86	2.28 H	289	91.70	-74.79
2	707.50	16.81	34.77	-17.96	2.28 H	283	91.63	-74.82
3	713.50	16.82	34.77	-17.95	2.33 H	287	91.60	-74.78
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	701.50	20.30	34.77	-14.47	1.75 V	98	95.09	-74.79
2	707.50	20.28	34.77	-14.49	1.72 V	104	95.10	-74.82
3	713.50	20.24	34.77	-14.53	1.78 V	101	95.02	-74.78

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 - 2.15
3. Margin value = ERP – Limit value

LTE Band 12, Channel Bandwidth 10MHz

Mode		TX channel 23060, 23095, 23130						
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	704.00	16.79	34.77	-17.98	2.37 H	284	91.61	-74.82
2	707.50	17.08	34.77	-17.69	2.34 H	287	91.90	-74.82
3	711.00	16.81	34.77	-17.96	2.30 H	286	91.60	-74.79
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	704.00	20.28	34.77	-14.49	1.72 V	102	95.10	-74.82
2	707.50	20.38	34.77	-14.39	1.79 V	105	95.20	-74.82
3	711.00	20.31	34.77	-14.46	1.80 V	103	95.10	-74.79

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

Modulation Type: 16QAM

LTE Band 12, Channel Bandwidth 1.4MHz

Mode	TX channel 23017, 23095, 23173							
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	699.70	15.86	34.77	-18.91	2.28 H	284	90.63	-74.77
2	707.50	15.84	34.77	-18.93	2.38 H	285	90.66	-74.82
3	715.30	15.83	34.77	-18.94	2.28 H	285	90.61	-74.78
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	699.70	19.12	34.77	-15.65	1.82 V	100	93.89	-74.77
2	707.50	19.11	34.77	-15.66	1.78 V	99	93.93	-74.82
3	715.30	19.12	34.77	-15.65	1.78 V	103	93.90	-74.78

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 - 2.15
3. Margin value = ERP – Limit value

LTE Band 12, Channel Bandwidth 3MHz

Mode	TX channel 23025, 23095, 23165							
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	700.50	15.89	34.77	-18.88	2.34 H	288	90.66	-74.77
2	707.50	15.76	34.77	-19.01	2.36 H	283	90.58	-74.82
3	714.50	16.00	34.77	-18.77	2.31 H	285	90.77	-74.77
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	700.50	19.39	34.77	-15.38	1.77 V	102	94.16	-74.77
2	707.50	19.21	34.77	-15.56	1.78 V	102	94.03	-74.82
3	714.50	19.26	34.77	-15.51	1.78 V	98	94.03	-74.77

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

LTE Band 12, Channel Bandwidth 5MHz

Mode	TX channel 23035, 23095, 23155							
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	701.50	15.92	34.77	-18.85	2.31 H	284	90.71	-74.79
2	707.50	15.84	34.77	-18.93	2.32 H	283	90.66	-74.82
3	713.50	15.94	34.77	-18.83	2.29 H	286	90.72	-74.78
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	701.50	19.14	34.77	-15.63	1.76 V	105	93.93	-74.79
2	707.50	19.10	34.77	-15.67	1.79 V	104	93.92	-74.82
3	713.50	19.24	34.77	-15.53	1.81 V	105	94.02	-74.78

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 - 2.15
3. Margin value = ERP – Limit value

LTE Band 12, Channel Bandwidth 10MHz

Mode	TX channel 23060, 23095, 23130							
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	704.00	15.83	34.77	-18.94	2.38 H	360	90.65	-74.82
2	707.50	16.03	34.77	-18.74	2.35 H	282	90.85	-74.82
3	711.00	15.92	34.77	-18.85	2.38 H	287	90.71	-74.79
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	704.00	19.08	34.77	-15.69	1.78 V	101	93.90	-74.82
2	707.50	19.58	34.77	-15.19	1.75 V	104	94.40	-74.82
3	711.00	19.17	34.77	-15.60	1.76 V	105	93.96	-74.79

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

Modulation Type: 64QAM

LTE Band 12, Channel Bandwidth 1.4MHz

Mode	TX channel 23017, 23095, 23173							
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	699.70	14.89	34.77	-19.88	2.32 H	285	89.66	-74.77
2	707.50	14.71	34.77	-20.06	2.28 H	287	89.53	-74.82
3	715.30	14.94	34.77	-19.83	2.31 H	282	89.72	-74.78
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	699.70	17.96	34.77	-16.81	1.80 V	99	92.73	-74.77
2	707.50	17.91	34.77	-16.86	1.76 V	101	92.73	-74.82
3	715.30	18.16	34.77	-16.61	1.78 V	105	92.94	-74.78

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 - 2.15
3. Margin value = ERP – Limit value

LTE Band 12, Channel Bandwidth 3MHz

Mode	TX channel 23025, 23095, 23165							
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	700.50	14.95	34.77	-19.82	2.31 H	284	89.72	-74.77
2	707.50	14.86	34.77	-19.91	2.36 H	286	89.68	-74.82
3	714.50	14.87	34.77	-19.90	2.35 H	288	89.64	-74.77
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	700.50	18.40	34.77	-16.37	1.81 V	101	93.17	-74.77
2	707.50	18.15	34.77	-16.62	1.79 V	100	92.97	-74.82
3	714.50	18.09	34.77	-16.68	1.77 V	99	92.86	-74.77

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

LTE Band 12, Channel Bandwidth 5MHz

Mode		TX channel 23035, 23095, 23155						
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	701.50	14.75	34.77	-20.02	2.34 H	289	89.54	-74.79
2	707.50	14.91	34.77	-19.86	2.35 H	284	89.73	-74.82
3	713.50	14.88	34.77	-19.89	2.35 H	284	89.66	-74.78
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	701.50	18.08	34.77	-16.69	1.77 V	100	92.87	-74.79
2	707.50	18.28	34.77	-16.49	1.78 V	99	93.10	-74.82
3	713.50	18.16	34.77	-16.61	1.80 V	110	92.94	-74.78

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 - 2.15
3. Margin value = ERP – Limit value

LTE Band 12, Channel Bandwidth 10MHz

Mode		TX channel 23060, 23095, 23130						
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	704.00	14.75	34.77	-20.02	2.32 H	288	89.57	-74.82
2	707.50	15.15	34.77	-19.62	2.31 H	285	89.97	-74.82
3	711.00	15.05	34.77	-19.72	2.35 H	287	89.84	-74.79
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	704.00	18.09	34.77	-16.68	1.80 V	104	92.91	-74.82
2	707.50	18.66	34.77	-16.11	1.73 V	102	93.48	-74.82
3	711.00	18.09	34.77	-16.68	1.78 V	98	92.88	-74.79

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

Modulation Type: QPSK

LTE Band 13, Channel Bandwidth 5MHz

Mode	TX channel 23205, 23230, 23255							
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	779.50	10.93	34.77	-23.84	2.25 H	326	84.51	-73.58
2	782.00	10.96	34.77	-23.81	2.17 H	330	84.54	-73.58
3	784.50	10.95	34.77	-23.82	2.26 H	331	84.57	-73.62
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	779.50	19.42	34.77	-15.35	1.87 V	160	93.00	-73.58
2	782.00	19.51	34.77	-15.26	1.87 V	158	93.09	-73.58
3	784.50	19.48	34.77	-15.29	1.84 V	161	93.10	-73.62

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

LTE Band 13, Channel Bandwidth 10MHz

Mode	TX channel 23230							
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	782.00	11.22	34.77	-23.55	2.19 H	324	84.80	-73.58
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	782.00	19.62	34.77	-15.15	1.90 V	161	93.20	-73.58

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

Modulation Type: 16QAM

LTE Band 13, Channel Bandwidth 5MHz

Mode	TX channel 23205, 23230, 23255							
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	779.50	9.92	34.77	-24.85	2.18 H	331	83.50	-73.58
2	782.00	9.87	34.77	-24.90	2.25 H	324	83.45	-73.58
3	784.50	9.79	34.77	-24.98	2.17 H	329	83.41	-73.62
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	779.50	18.26	34.77	-16.51	1.93 V	159	91.84	-73.58
2	782.00	18.67	34.77	-16.10	1.85 V	161	92.25	-73.58
3	784.50	18.39	34.77	-16.38	1.88 V	160	92.01	-73.62

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

LTE Band 13, Channel Bandwidth 10MHz

Mode	TX channel 23230							
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	782.00	10.03	34.77	-24.74	2.24 H	329	83.61	-73.58
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	782.00	18.75	34.77	-16.02	1.90 V	160	92.33	-73.58

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

Modulation Type: 64QAM

LTE Band 13, Channel Bandwidth 5MHz

Mode	TX channel 23205, 23230, 23255							
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	779.50	8.97	34.77	-25.80	2.19 H	328	82.55	-73.58
2	782.00	8.95	34.77	-25.82	2.20 H	324	82.53	-73.58
3	784.50	8.84	34.77	-25.93	2.26 H	330	82.46	-73.62
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	779.50	17.36	34.77	-17.41	1.89 V	161	90.94	-73.58
2	782.00	17.74	34.77	-17.03	1.88 V	164	91.32	-73.58
3	784.50	17.23	34.77	-17.54	1.91 V	159	90.85	-73.62

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

LTE Band 13, Channel Bandwidth 10MHz

Mode	TX channel 23230							
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	782.00	8.98	34.77	-25.79	2.19 H	324	82.56	-73.58
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	782.00	17.80	34.77	-16.97	1.89 V	162	91.38	-73.58

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

Modulation Type: QPSK

LTE Band 66, Channel Bandwidth 1.4MHz

Mode	TX channel 131979, 132322, 132665							
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	1710.70	15.93	30.00	-14.07	2.71 H	312	82.35	-66.42
2	1745.00	16.10	30.00	-13.90	2.63 H	311	82.37	-66.27
3	1779.30	16.20	30.00	-13.80	2.65 H	305	82.40	-66.20
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	1710.70	23.16	30.00	-6.84	2.13 V	96	89.58	-66.42
2	1745.00	23.27	30.00	-6.73	2.12 V	98	89.54	-66.27
3	1779.30	23.41	30.00	-6.59	2.17 V	97	89.61	-66.20

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

LTE Band 66, Channel Bandwidth 3MHz

Mode	TX channel 131987, 132322, 132657							
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	1711.50	15.91	30.00	-14.09	2.69 H	311	82.33	-66.42
2	1745.00	16.06	30.00	-13.94	2.64 H	309	82.33	-66.27
3	1778.50	16.20	30.00	-13.80	2.63 H	307	82.40	-66.20
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	1711.50	23.15	30.00	-6.85	2.11 V	96	89.57	-66.42
2	1745.00	23.32	30.00	-6.68	2.12 V	97	89.59	-66.27
3	1778.50	23.40	30.00	-6.60	2.16 V	102	89.60	-66.20

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

LTE Band 66, Channel Bandwidth 5MHz

Mode	TX channel 131997, 132322, 132647							
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	1712.50	15.91	30.00	-14.09	2.61 H	311	82.31	-66.40
2	1745.00	16.06	30.00	-13.94	2.63 H	312	82.33	-66.27
3	1777.50	16.14	30.00	-13.86	2.69 H	309	82.34	-66.20
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	1712.50	23.20	30.00	-6.80	2.17 V	103	89.60	-66.40
2	1745.00	23.27	30.00	-6.73	2.17 V	99	89.54	-66.27
3	1777.50	23.34	30.00	-6.66	2.13 V	99	89.54	-66.20

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

LTE Band 66, Channel Bandwidth 10MHz

Mode	TX channel 132022, 132322, 132622							
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	1715.00	15.95	30.00	-14.05	2.62 H	307	82.35	-66.40
2	1745.00	16.10	30.00	-13.90	2.69 H	305	82.37	-66.27
3	1775.00	16.13	30.00	-13.87	2.64 H	311	82.33	-66.20
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	1715.00	23.16	30.00	-6.84	2.14 V	100	89.56	-66.40
2	1745.00	23.34	30.00	-6.66	2.11 V	101	89.61	-66.27
3	1775.00	23.38	30.00	-6.62	2.12 V	96	89.58	-66.20

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

LTE Band 66, Channel Bandwidth 15MHz

Mode	TX channel 132047, 132322, 132597							
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	1717.50	15.96	30.00	-14.04	2.71 H	312	82.35	-66.39
2	1745.00	16.11	30.00	-13.89	2.64 H	310	82.38	-66.27
3	1772.50	16.17	30.00	-13.83	2.69 H	308	82.39	-66.22
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	1717.50	23.13	30.00	-6.87	2.17 V	103	89.52	-66.39
2	1745.00	23.25	30.00	-6.75	2.12 V	103	89.52	-66.27
3	1772.50	23.39	30.00	-6.61	2.11 V	98	89.61	-66.22

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

LTE Band 66, Channel Bandwidth 20MHz

Mode	TX channel 132072, 132322, 132572							
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	1720.00	16.03	30.00	-13.97	2.65 H	311	82.40	-66.37
2	1745.00	16.33	30.00	-13.67	2.63 H	309	82.60	-66.27
3	1770.00	16.13	30.00	-13.87	2.69 H	308	82.35	-66.22
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	1720.00	23.19	30.00	-6.81	2.17 V	103	89.56	-66.37
2	1745.00	23.44	30.00	-6.56	2.11 V	96	89.71	-66.27
3	1770.00	23.32	30.00	-6.68	2.17 V	99	89.54	-66.22

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

Modulation Type: 16QAM

LTE Band 66, Channel Bandwidth 1.4MHz

Mode	TX channel 131979, 132322, 132665							
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	1710.70	14.75	30.00	-15.25	2.66 H	306	81.17	-66.42
2	1745.00	14.98	30.00	-15.02	2.67 H	312	81.25	-66.27
3	1779.30	15.40	30.00	-14.60	2.71 H	305	81.60	-66.20
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	1710.70	22.33	30.00	-7.67	2.17 V	98	88.75	-66.42
2	1745.00	22.37	30.00	-7.63	2.16 V	102	88.64	-66.27
3	1779.30	22.45	30.00	-7.55	2.14 V	101	88.65	-66.20

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

LTE Band 66, Channel Bandwidth 3MHz

Mode	TX channel 131987, 132322, 132657							
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	1711.50	14.76	30.00	-15.24	2.70 H	307	81.18	-66.42
2	1745.00	15.03	30.00	-14.97	2.70 H	307	81.30	-66.27
3	1778.50	15.07	30.00	-14.93	2.64 H	312	81.27	-66.20
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	1711.50	22.32	30.00	-7.68	2.16 V	103	88.74	-66.42
2	1745.00	22.27	30.00	-7.73	2.16 V	97	88.54	-66.27
3	1778.50	22.55	30.00	-7.45	2.13 V	102	88.75	-66.20

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

LTE Band 66, Channel Bandwidth 5MHz

Mode	TX channel 131997, 132322, 132647							
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	1712.50	14.95	30.00	-15.05	2.69 H	312	81.35	-66.40
2	1745.00	14.99	30.00	-15.01	2.65 H	306	81.26	-66.27
3	1777.50	15.29	30.00	-14.71	2.64 H	309	81.49	-66.20
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	1712.50	22.33	30.00	-7.67	2.15 V	101	88.73	-66.40
2	1745.00	22.21	30.00	-7.79	2.09 V	101	88.48	-66.27
3	1777.50	22.51	30.00	-7.49	2.10 V	100	88.71	-66.20

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

LTE Band 66, Channel Bandwidth 10MHz

Mode	TX channel 132022, 132322, 132622							
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	1715.00	15.06	30.00	-14.94	2.71 H	306	81.46	-66.40
2	1745.00	15.01	30.00	-14.99	2.67 H	309	81.28	-66.27
3	1775.00	15.20	30.00	-14.80	2.70 H	309	81.40	-66.20
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	1715.00	22.31	30.00	-7.69	2.08 V	96	88.71	-66.40
2	1745.00	22.48	30.00	-7.52	2.10 V	96	88.75	-66.27
3	1775.00	22.51	30.00	-7.49	2.15 V	98	88.71	-66.20

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

LTE Band 66, Channel Bandwidth 15MHz

Mode	TX channel 132047, 132322, 132597							
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	1717.50	14.87	30.00	-15.13	2.69 H	307	81.26	-66.39
2	1745.00	15.30	30.00	-14.70	2.68 H	308	81.57	-66.27
3	1772.50	15.16	30.00	-14.84	2.69 H	312	81.38	-66.22
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	1717.50	22.30	30.00	-7.70	2.09 V	101	88.69	-66.39
2	1745.00	22.05	30.00	-7.95	2.17 V	102	88.32	-66.27
3	1772.50	22.19	30.00	-7.81	2.20 V	102	88.41	-66.22

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

LTE Band 66, Channel Bandwidth 20MHz

Mode	TX channel 132072, 132322, 132572							
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	1720.00	15.05	30.00	-14.95	2.61 H	306	81.42	-66.37
2	1745.00	15.53	30.00	-14.47	2.68 H	311	81.80	-66.27
3	1770.00	14.94	30.00	-15.06	2.70 H	307	81.16	-66.22
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	1720.00	22.37	30.00	-7.63	2.18 V	102	88.74	-66.37
2	1745.00	22.45	30.00	-7.55	2.13 V	98	88.72	-66.27
3	1770.00	22.47	30.00	-7.53	2.17 V	96	88.69	-66.22

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

Modulation Type: 64QAM

LTE Band 66, Channel Bandwidth 1.4MHz

Mode	TX channel 131979, 132322, 132665							
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	1710.70	13.91	30.00	-16.09	2.61 H	309	80.33	-66.42
2	1745.00	14.01	30.00	-15.99	2.62 H	310	80.28	-66.27
3	1779.30	14.31	30.00	-15.69	2.64 H	306	80.51	-66.20
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	1710.70	21.31	30.00	-8.69	2.14 V	103	87.73	-66.42
2	1745.00	21.32	30.00	-8.68	2.13 V	100	87.59	-66.27
3	1779.30	21.31	30.00	-8.69	2.14 V	101	87.51	-66.20

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

LTE Band 66, Channel Bandwidth 3MHz

Mode	TX channel 131987, 132322, 132657							
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	1711.50	13.61	30.00	-16.39	2.71 H	305	80.03	-66.42
2	1745.00	14.22	30.00	-15.78	2.61 H	309	80.49	-66.27
3	1778.50	14.07	30.00	-15.93	2.70 H	305	80.27	-66.20
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	1711.50	21.28	30.00	-8.72	2.15 V	99	87.70	-66.42
2	1745.00	21.37	30.00	-8.63	2.09 V	101	87.64	-66.27
3	1778.50	21.40	30.00	-8.60	2.13 V	97	87.60	-66.20

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

LTE Band 66, Channel Bandwidth 5MHz

Mode	TX channel 131997, 132322, 132647							
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	1712.50	13.90	30.00	-16.10	2.61 H	306	80.30	-66.40
2	1745.00	14.15	30.00	-15.85	2.64 H	306	80.42	-66.27
3	1777.50	14.18	30.00	-15.82	2.62 H	308	80.38	-66.20
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	1712.50	21.44	30.00	-8.56	2.13 V	96	87.84	-66.40
2	1745.00	21.32	30.00	-8.68	2.12 V	102	87.59	-66.27
3	1777.50	21.70	30.00	-8.30	2.13 V	103	87.90	-66.20

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

LTE Band 66, Channel Bandwidth 10MHz

Mode	TX channel 132022, 132322, 132622							
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	1715.00	13.94	30.00	-16.06	2.67 H	320	80.34	-66.40
2	1745.00	13.85	30.00	-16.15	2.67 H	306	80.12	-66.27
3	1775.00	14.13	30.00	-15.87	2.68 H	309	80.33	-66.20
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	1715.00	21.14	30.00	-8.86	2.13 V	98	87.54	-66.40
2	1745.00	21.51	30.00	-8.49	2.18 V	99	87.78	-66.27
3	1775.00	21.44	30.00	-8.56	2.11 V	98	87.64	-66.20

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

LTE Band 66, Channel Bandwidth 15MHz

Mode	TX channel 132047, 132322, 132597							
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	1717.50	13.87	30.00	-16.13	2.65 H	309	80.26	-66.39
2	1745.00	14.23	30.00	-15.77	2.66 H	311	80.50	-66.27
3	1772.50	14.00	30.00	-16.00	2.70 H	306	80.22	-66.22
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	1717.50	21.29	30.00	-8.71	2.12 V	100	87.68	-66.39
2	1745.00	21.19	30.00	-8.81	2.11 V	100	87.46	-66.27
3	1772.50	21.32	30.00	-8.68	2.18 V	103	87.54	-66.22

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

LTE Band 66, Channel Bandwidth 20MHz

Mode	TX channel 132072, 132322, 132572							
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	1720.00	13.88	30.00	-16.12	2.66 H	306	80.25	-66.37
2	1745.00	14.49	30.00	-15.51	2.66 H	311	80.76	-66.27
3	1770.00	13.90	30.00	-16.10	2.66 H	305	80.12	-66.22
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	1720.00	21.31	30.00	-8.69	2.15 V	103	87.68	-66.37
2	1745.00	21.42	30.00	-8.58	2.11 V	103	87.69	-66.27
3	1770.00	21.27	30.00	-8.73	2.09 V	103	87.49	-66.22

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

Modulation Type: QPSK

LTE Band 71, Channel Bandwidth 5MHz

Mode	TX channel 133147, 133297, 133447							
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	665.50	14.89	34.77	-19.88	1.18 H	65	90.24	-75.35
2	680.50	15.20	34.77	-19.57	1.89 H	66	90.26	-75.06
3	695.50	15.42	34.77	-19.35	1.90 H	70	90.22	-74.80
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	665.50	20.13	34.77	-14.64	1.90 V	224	95.48	-75.35
2	680.50	20.41	34.77	-14.36	1.87 V	220	95.47	-75.06
3	695.50	20.67	34.77	-14.10	1.86 V	219	95.47	-74.80

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

LTE Band 71, Channel Bandwidth 10MHz

Mode	TX channel 133172, 133297, 133422							
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	668.00	14.93	34.77	-19.84	1.89 H	65	90.31	-75.38
2	680.50	15.15	34.77	-19.62	1.92 H	69	90.21	-75.06
3	693.00	15.41	34.77	-19.36	1.93 H	68	90.29	-74.88
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	668.00	20.06	34.77	-14.71	1.83 V	219	95.44	-75.38
2	680.50	20.37	34.77	-14.40	1.92 V	219	95.43	-75.06
3	693.00	20.52	34.77	-14.25	1.92 V	223	95.40	-74.88

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

LTE Band 71, Channel Bandwidth 15MHz

Mode		TX channel 133197, 133297, 133397						
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	670.50	14.83	34.77	-19.94	1.84 H	70	90.22	-75.39
2	680.50	15.20	34.77	-19.57	1.86 H	67	90.26	-75.06
3	690.50	15.23	34.77	-19.54	1.93 H	68	90.21	-74.98
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	670.50	20.07	34.77	-14.70	1.92 V	223	95.46	-75.39
2	680.50	20.34	34.77	-14.43	1.91 V	219	95.40	-75.06
3	690.50	20.51	34.77	-14.26	1.89 V	218	95.49	-74.98

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

LTE Band 71, Channel Bandwidth 20MHz

Mode		TX channel 133222, 133297, 133372						
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	673.00	14.89	34.77	-19.88	1.93 H	66	90.24	-75.35
2	680.50	15.45	34.77	-19.32	1.85 H	68	90.51	-75.06
3	688.00	15.27	34.77	-19.50	1.86 H	66	90.30	-75.03
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	673.00	20.08	34.77	-14.69	1.82 V	220	95.43	-75.35
2	680.50	20.54	34.77	-14.23	1.83 V	218	95.60	-75.06
3	688.00	20.42	34.77	-14.35	1.90 V	222	95.45	-75.03

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 - 2.15
3. Margin value = ERP – Limit value

Modulation Type: 16QAM

LTE Band 71, Channel Bandwidth 5MHz

Mode	TX channel 133147, 133297, 133447							
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	665.50	13.69	34.77	-21.08	1.86 H	67	89.04	-75.35
2	680.50	14.16	34.77	-20.61	1.84 H	66	89.22	-75.06
3	695.50	14.39	34.77	-20.38	1.91 H	64	89.19	-74.80
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	665.50	19.01	34.77	-15.76	1.82 V	224	94.36	-75.35
2	680.50	19.53	34.77	-15.24	1.88 V	222	94.59	-75.06
3	695.50	19.80	34.77	-14.97	1.89 V	217	94.60	-74.80

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

LTE Band 71, Channel Bandwidth 10MHz

Mode	TX channel 133172, 133297, 133422							
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	668.00	14.06	34.77	-20.71	1.84 H	67	89.44	-75.38
2	680.50	14.18	34.77	-20.59	2.89 H	70	89.24	-75.06
3	693.00	14.28	34.77	-20.49	1.85 H	65	89.16	-74.88
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	668.00	18.98	34.77	-15.79	1.87 V	224	94.36	-75.38
2	680.50	19.21	34.77	-15.56	1.83 V	222	94.27	-75.06
3	693.00	19.59	34.77	-15.18	1.91 V	221	94.47	-74.88

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

LTE Band 71, Channel Bandwidth 15MHz

Mode		TX channel 133197, 133297, 133397						
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	670.50	13.89	34.77	-20.88	1.84 H	69	89.28	-75.39
2	680.50	14.16	34.77	-20.61	1.93 H	63	89.22	-75.06
3	690.50	14.04	34.77	-20.73	1.84 H	65	89.02	-74.98
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	670.50	18.98	34.77	-15.79	1.92 V	222	94.37	-75.39
2	680.50	19.45	34.77	-15.32	1.87 V	223	94.51	-75.06
3	690.50	19.62	34.77	-15.15	1.84 V	222	94.60	-74.98

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

LTE Band 71, Channel Bandwidth 20MHz

Mode		TX channel 133222, 133297, 133372						
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	673.00	13.86	34.77	-20.91	1.89 H	68	89.21	-75.35
2	680.50	14.56	34.77	-20.21	1.86 H	63	89.62	-75.06
3	688.00	14.24	34.77	-20.53	1.86 H	65	89.27	-75.03
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	673.00	18.91	34.77	-15.86	1.87 V	222	94.26	-75.35
2	680.50	19.51	34.77	-15.26	1.86 V	224	94.57	-75.06
3	688.00	19.47	34.77	-15.30	1.87 V	220	94.50	-75.03

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 - 2.15
3. Margin value = ERP – Limit value

Modulation Type: 64QAM

LTE Band 71, Channel Bandwidth 5MHz

Mode	TX channel 133147, 133297, 133447							
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	665.50	12.86	34.77	-21.91	1.86 H	68	88.21	-75.35
2	680.50	13.31	34.77	-21.46	1.86 H	64	88.37	-75.06
3	695.50	13.30	34.77	-21.47	1.90 H	69	88.10	-74.80
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	665.50	17.85	34.77	-16.92	1.91 V	222	93.20	-75.35
2	680.50	18.43	34.77	-16.34	1.83 V	223	93.49	-75.06
3	695.50	18.90	34.77	-15.87	1.92 V	222	93.70	-74.80

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

LTE Band 71, Channel Bandwidth 10MHz

Mode	TX channel 133172, 133297, 133422							
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	668.00	13.26	34.77	-21.51	1.85 H	70	88.64	-75.38
2	680.50	13.20	34.77	-21.57	1.88 H	69	88.26	-75.06
3	693.00	13.38	34.77	-21.39	1.85 H	64	88.26	-74.88
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	668.00	17.96	34.77	-16.81	1.90 V	222	93.34	-75.38
2	680.50	18.09	34.77	-16.68	1.86 V	219	93.15	-75.06
3	693.00	18.70	34.77	-16.07	1.82 V	217	93.58	-74.88

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

LTE Band 71, Channel Bandwidth 15MHz

Mode		TX channel 133197, 133297, 133397						
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	670.50	12.75	34.77	-22.02	1.89 H	65	88.14	-75.39
2	680.50	13.08	34.77	-21.69	1.94 H	68	88.14	-75.06
3	690.50	13.10	34.77	-21.67	1.87 H	70	88.08	-74.98
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	670.50	18.04	34.77	-16.73	1.90 V	223	93.43	-75.39
2	680.50	18.56	34.77	-16.21	1.83 V	221	93.62	-75.06
3	690.50	18.49	34.77	-16.28	1.86 V	218	93.47	-74.98

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

LTE Band 71, Channel Bandwidth 20MHz

Mode		TX channel 133222, 133297, 133372						
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	673.00	12.69	34.77	-22.08	1.85 H	63	88.04	-75.35
2	680.50	13.63	34.77	-21.14	1.89 H	67	88.69	-75.06
3	688.00	13.21	34.77	-21.56	1.86 H	70	88.24	-75.03
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	673.00	18.09	34.77	-16.68	1.92 V	219	93.44	-75.35
2	680.50	18.59	34.77	-16.18	1.84 V	224	93.65	-75.06
3	688.00	18.57	34.77	-16.20	1.90 V	221	93.60	-75.03

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 - 2.15
3. Margin value = ERP – Limit value

MIMO EIRP / ERP Power (dBm)

Band	Max. EIRP / ERP Power (dBm)	Max. EIRP / ERP Power (dBm)	Max. EIRP / ERP Power (dBm)	Total Power (dBm)	Limit (dBm)
	EUT + Antenna 1 (Main Source)	EUT + Antenna 2 (2nd Source)	EUT + Antenna 3		
4	23.18	23.44	23.29	28.08	30.00
7	23.28	23.20	23.18	27.99	33.00
12	20.41	20.29	20.38	25.13	34.77
13	20.25	20.35	19.62	24.86	34.77
66	23.23	23.27	23.44	28.09	30.00
71	20.91	20.87	20.67	25.59	34.77

4.2 Radiated Emission Measurement

4.2.1 Limits of Radiated Emission Measurement

For LTE Band 4, LTE Band 66:
According to FCC 27.53(h), for operations in the 1695-1710MHz, 1710-1755MHz, 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.

For LTE Band 7:
According to FCC 27.53(m)(4),on any frequency outside a licensee's frequency block, The power of any emission shall be attenuated below the transmitter power (P) by at least 55 + 10 log (P) dB. The emission limit equal to –25dBm.

For LTE Band 12, LTE Band 71:
According to FCC 27.53(g), for operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43 + 10 log (P) dB. The limit of emissions is equal to -13 dBm.

For LTE Band 13:
According to FCC 27.53(c)(2) for on any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB.

According to FCC 27.53(f) for operations in the 775-788 MHz, emissions in the band 1559-1610MHz shall be limited to -70 dBW/MHz. The limit of emissions is equal to -40 dBm

4.2.2 Test Procedure

a. In the semi-anechoic chamber, EUT placed on the 0.8m (below or equal 1GHz) and/or 1.5m (above 1GHz) 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 1m to 4m 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
   - EIRP (dBm) = E (dBμV/m) + 20log(D) - 104.8; where D is the measurement distance (in the far field region) in m.
   - ERP (dBm) = E (dBμV/m) + 20log(D) - 104.8 - 2.15; where D is the measurement distance (in the far field region) in m.

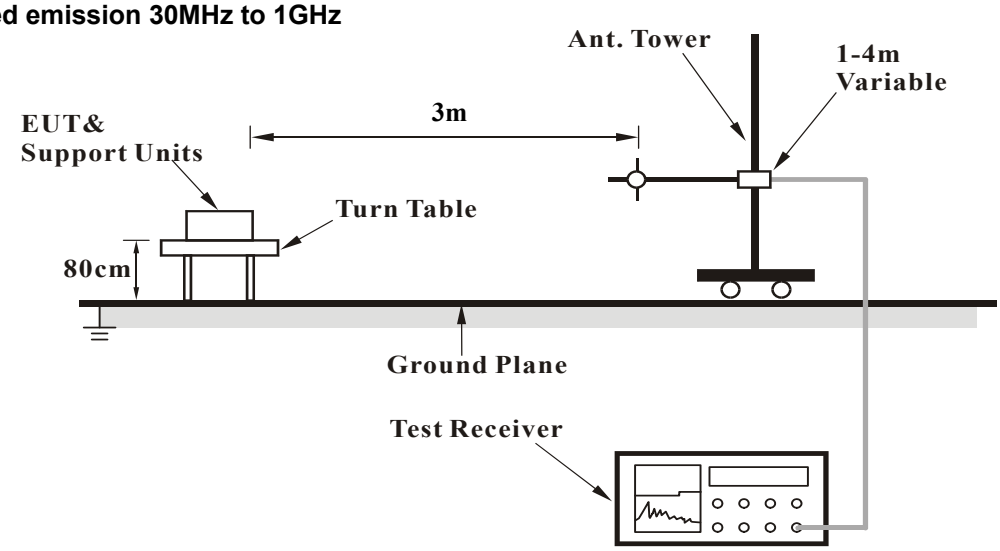
Note:
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.
2. The emission levels were against the limit of frequency range 9 kHz ~ 30 MHz:
   The amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required to be report.

4.2.3 Deviation from Test Standard

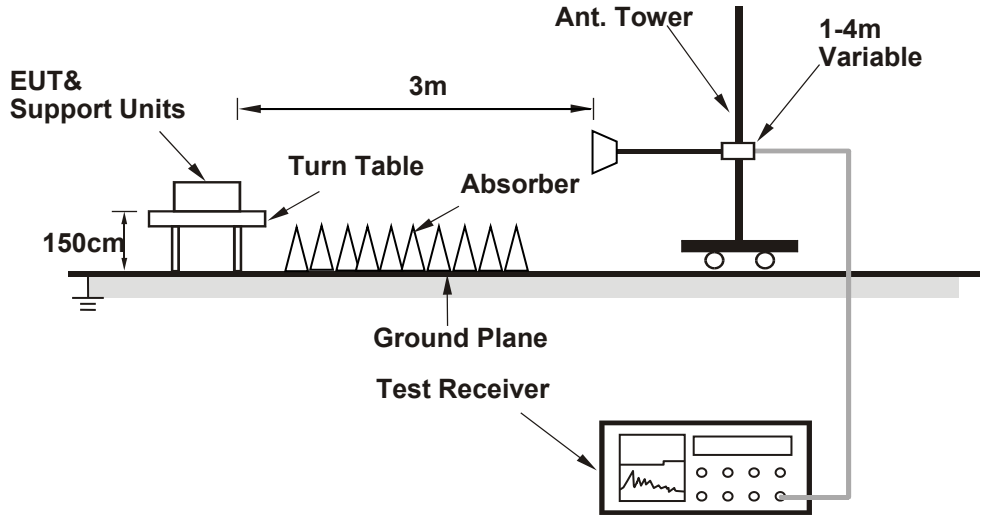
No deviation.

4.2.4 Test Setup

For radiated emission 30MHz to 1GHz



For radiated emission above 1GHz



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

4.2.5 Test Results

EUT + Antenna 1 (Main Source)

Below 1GHz

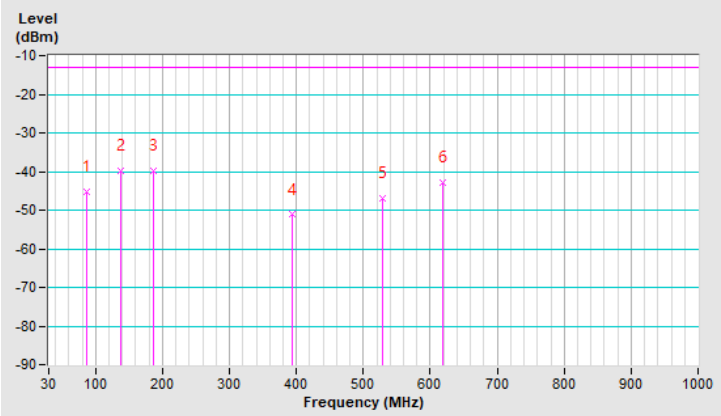
LTE Band 4, Channel Bandwidth 5MHz

Mode	TX channel 20375 (1752.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	86.26	-45.10	-13.00	-32.10	2.00 H	184	69.10	-114.20
2	137.67	-39.80	-13.00	-26.80	1.50 H	118	69.10	-108.90
3	187.14	-39.90	-13.00	-26.90	1.50 H	238	70.90	-110.80
4	392.78	-51.20	-13.00	-38.20	1.01 H	122	54.30	-105.50
5	528.58	-47.00	-13.00	-34.00	1.50 H	294	55.60	-102.60
6	618.79	-42.80	-13.00	-29.80	1.01 H	172	57.70	-100.50

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.

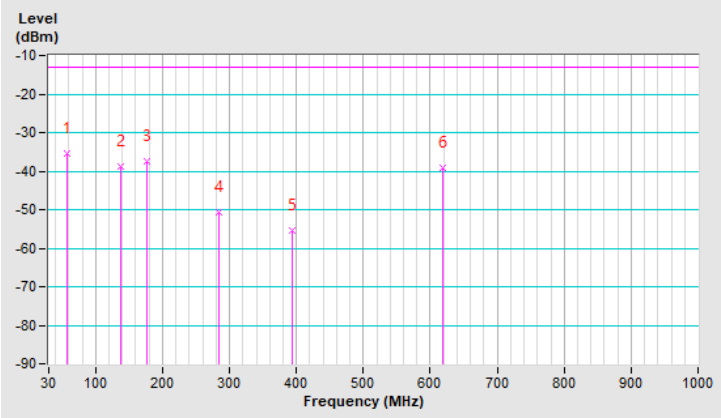


Mode	TX channel 20375 (1752.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	58.13	-35.40	-13.00	-22.40	1.00 V	237	73.50	-108.90
2	136.70	-38.80	-13.00	-25.80	1.00 V	78	70.20	-109.00
3	176.47	-37.60	-13.00	-24.60	1.00 V	93	71.80	-109.40
4	284.14	-50.80	-13.00	-37.80	1.00 V	298	57.20	-108.00
5	392.78	-55.50	-13.00	-42.50	1.49 V	134	50.00	-105.50
6	618.79	-39.20	-13.00	-26.20	1.49 V	18	61.30	-100.50

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.



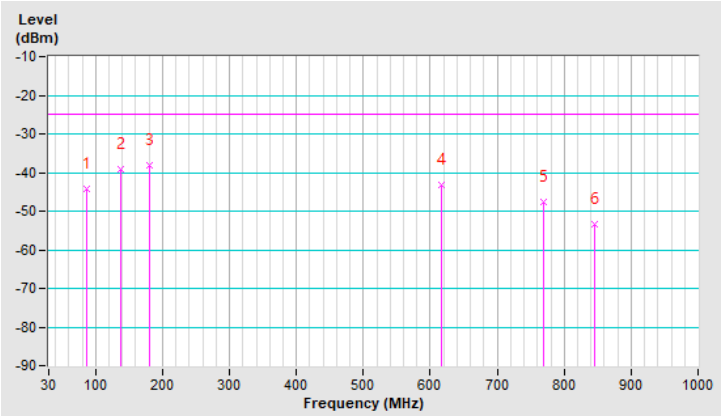
LTE Band 7, Channel Bandwidth 20MHz

Mode	TX channel 21100 (2535.0MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	86.26	-44.40	-25.00	-19.40	1.99 H	166	69.80	-114.20
2	136.70	-39.20	-25.00	-14.20	1.99 H	121	69.80	-109.00
3	181.32	-38.10	-25.00	-13.10	1.99 H	235	71.90	-110.00
4	615.88	-43.10	-25.00	-18.10	1.99 H	185	57.40	-100.50
5	770.11	-47.60	-25.00	-22.60	1.00 H	75	50.80	-98.40
6	845.77	-53.50	-25.00	-28.50	1.00 H	131	43.90	-97.40

Remarks:

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

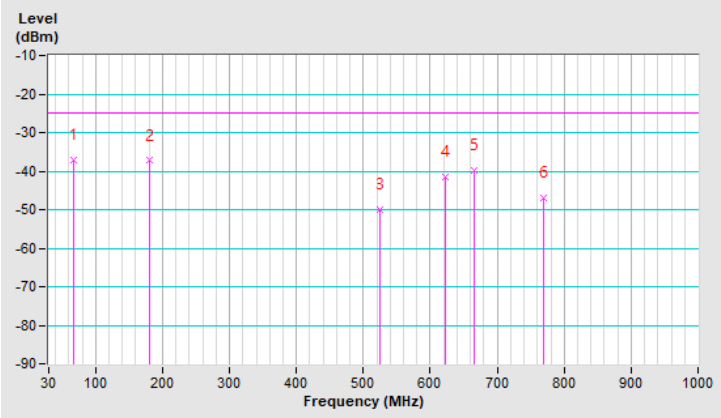


Mode	TX channel 21100 (2535.0MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3m								
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	-37.10	-25.00	-12.10	1.00 V	254	72.80	-109.90
2	181.32	-37.30	-25.00	-12.30	1.00 V	283	72.70	-110.00
3	525.67	-50.10	-25.00	-25.10	1.00 V	315	52.50	-102.60
4	621.70	-41.60	-25.00	-16.60	1.49 V	17	58.80	-100.40
5	665.35	-39.90	-25.00	-14.90	1.00 V	304	59.90	-99.80
6	770.11	-46.80	-25.00	-21.80	1.00 V	188	51.60	-98.40

Remarks:

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



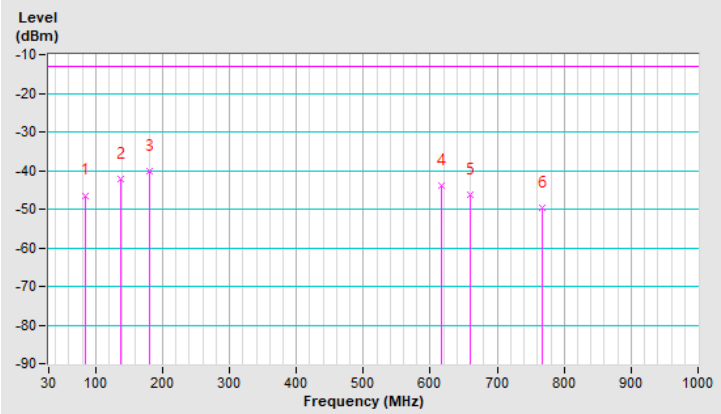
LTE Band 12, Channel Bandwidth 10MHz

Mode	TX channel 23095 (707.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	85.29	-46.40	-13.00	-33.40	2.00 H	157	69.80	-116.20
2	137.67	-42.30	-13.00	-29.30	2.00 H	119	68.80	-111.10
3	181.32	-40.30	-13.00	-27.30	1.01 H	219	71.90	-112.20
4	616.85	-44.00	-13.00	-31.00	2.00 H	121	58.70	-102.70
5	659.53	-46.20	-13.00	-33.20	2.00 H	137	55.80	-102.00
6	767.20	-49.80	-13.00	-36.80	1.01 H	85	50.70	-100.50

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.

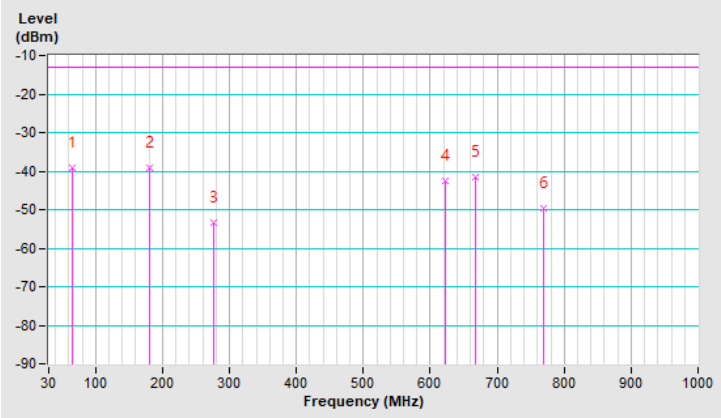


Mode	TX channel 23095 (707.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	65.89	-39.30	-13.00	-26.30	1.00 V	255	72.90	-112.20
2	181.32	-39.20	-13.00	-26.20	1.00 V	254	73.00	-112.20
3	276.38	-53.50	-13.00	-40.50	1.00 V	114	56.80	-110.30
4	621.70	-42.70	-13.00	-29.70	1.99 V	18	59.90	-102.60
5	667.29	-41.60	-13.00	-28.60	1.00 V	306	60.30	-101.90
6	770.11	-49.80	-13.00	-36.80	1.00 V	3	50.80	-100.60

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.



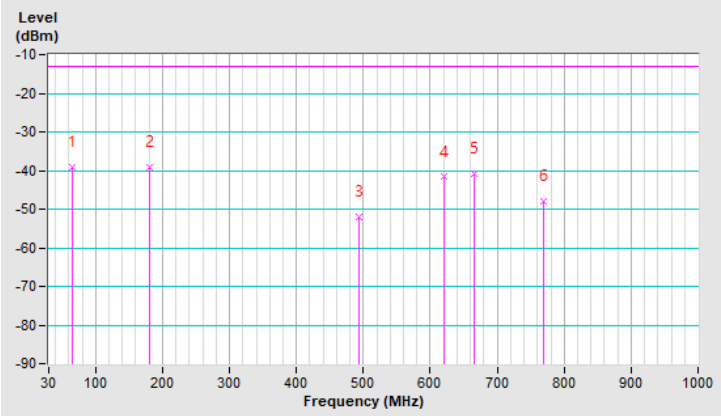
LTE Band 13, Channel Bandwidth 10MHz

Mode	TX channel 23230 (782.0MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	65.89	-39.00	-13.00	-26.00	1.50 H	254	73.20	-112.20
2	181.32	-39.00	-13.00	-26.00	1.00 H	278	73.20	-112.20
3	493.66	-52.00	-13.00	-39.00	1.50 H	182	53.30	-105.30
4	619.76	-41.70	-13.00	-28.70	1.00 H	30	61.00	-102.70
5	666.32	-41.00	-13.00	-28.00	2.00 H	310	60.90	-101.90
6	770.11	-47.90	-13.00	-34.90	1.00 H	160	52.70	-100.60

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.

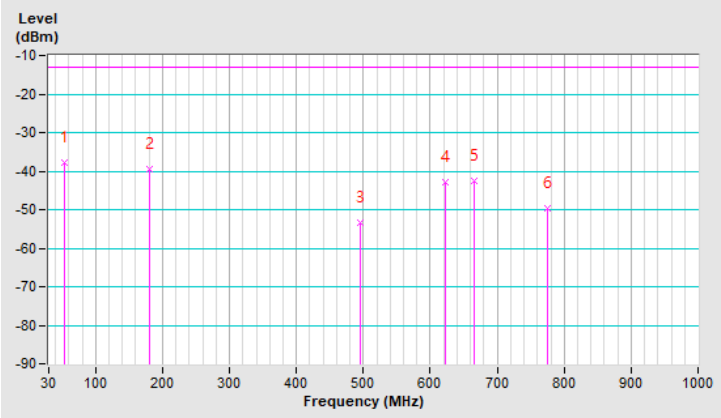


Mode	TX channel 23230 (782.0MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	54.25	-37.70	-13.00	-24.70	1.01 V	239	73.20	-110.90
2	180.35	-39.40	-13.00	-26.40	1.01 V	264	72.70	-112.10
3	495.60	-53.50	-13.00	-40.50	1.01 V	162	51.80	-105.30
4	622.67	-43.00	-13.00	-30.00	1.01 V	18	59.60	-102.60
5	665.35	-42.60	-13.00	-29.60	1.01 V	306	59.30	-101.90
6	775.93	-49.50	-13.00	-36.50	1.01 V	3	51.00	-100.50

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.



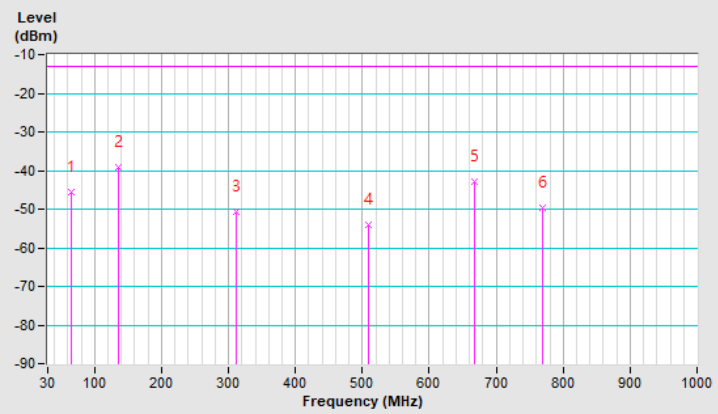
LTE Band 66, Channel Bandwidth 5MHz

Mode	TX channel 132647 (1777.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	65.89	-45.60	-13.00	-32.60	1.49 H	193	64.40	-110.00
2	135.73	-39.20	-13.00	-26.20	1.49 H	117	69.90	-109.10
3	311.30	-50.80	-13.00	-37.80	1.00 H	174	56.70	-107.50
4	508.21	-53.90	-13.00	-40.90	2.00 H	283	49.00	-102.90
5	668.26	-43.00	-13.00	-30.00	1.00 H	159	56.80	-99.80
6	770.11	-49.60	-13.00	-36.60	1.00 H	277	48.80	-98.40

Remarks:

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

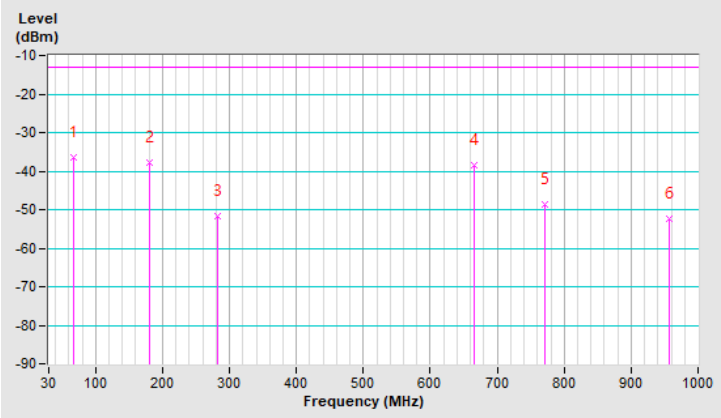


Mode	TX channel 132572 (1770.0MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3m								
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	-36.60	-13.00	-23.60	2.00 V	264	73.30	-109.90
2	181.32	-37.90	-13.00	-24.90	1.01 V	266	72.10	-110.00
3	283.17	-51.80	-13.00	-38.80	1.50 V	245	56.20	-108.00
4	665.35	-38.50	-13.00	-25.50	1.01 V	313	61.30	-99.80
5	771.08	-48.60	-13.00	-35.60	1.50 V	292	49.80	-98.40
6	956.35	-52.40	-13.00	-39.40	1.01 V	89	43.30	-95.70

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.



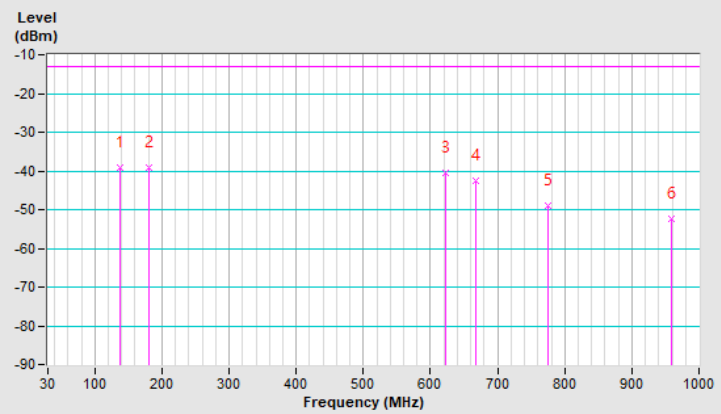
LTE Band 71, Channel Bandwidth 20MHz

Mode	TX channel 133297 (680.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	136.70	-39.16	-13.00	-26.16	1.50 H	108	71.97	-111.13
2	181.32	-39.03	-13.00	-26.03	1.50 H	212	73.14	-112.17
3	621.70	-40.67	-13.00	-27.67	1.01 H	163	61.85	-102.52
4	668.26	-42.52	-13.00	-29.52	1.01 H	126	59.46	-101.98
5	774.96	-48.85	-13.00	-35.85	1.50 H	26	51.59	-100.44
6	958.29	-52.28	-13.00	-39.28	1.50 H	257	45.48	-97.76

Remarks:

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

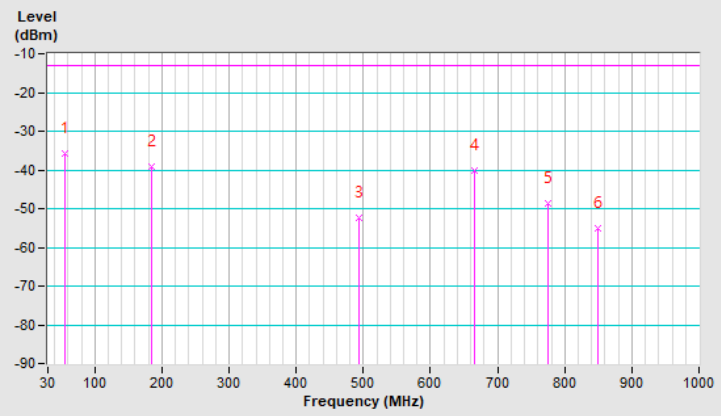


Mode	TX channel 133297 (680.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	55.22	-35.90	-13.00	-22.90	2.00 V	246	74.90	-110.80
2	185.20	-39.18	-13.00	-26.18	1.00 V	247	73.53	-112.71
3	493.66	-52.24	-13.00	-39.24	1.00 V	192	53.13	-105.37
4	666.32	-40.06	-13.00	-27.06	1.00 V	303	61.89	-101.95
5	774.96	-48.75	-13.00	-35.75	1.49 V	134	51.69	-100.44
6	848.68	-55.20	-13.00	-42.20	1.49 V	75	44.30	-99.50

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.



Above 1GHz

LTE Band 4, Channel Bandwidth 1.4MHz

Mode	TX channel 19957 (1710.7MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-53.15	-13.00	-40.15	1.68 H	89	43.65	-96.80
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	-51.36	-13.00	-38.36	2.84 V	169	45.44	-96.80

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.

Mode	TX channel 20175 (1732.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-53.13	-13.00	-40.13	1.71 H	85	43.57	-96.70
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	3465.00	-51.28	-13.00	-38.28	2.85 V	170	45.42	-96.70

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.

Mode	TX channel 20393 (1754.3MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-52.88	-13.00	-39.88	1.61 H	83	43.65	-96.53
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3508.60	-51.07	-13.00	-38.07	2.85 V	166	45.46	-96.53

Remarks:

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

LTE Band 4, Channel Bandwidth 5MHz

Mode	TX channel 19975 (1712.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-53.19	-13.00	-40.19	1.63 H	85	43.60	-96.79
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	3425.00	-51.39	-13.00	-38.39	2.81 V	168	45.40	-96.79

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.

Mode	TX channel 20175 (1732.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-53.05	-13.00	-40.05	1.71 H	82	43.65	-96.70
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	3465.00	-51.22	-13.00	-38.22	2.87 V	169	45.48	-96.70

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.

Mode	TX channel 20375 (1752.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-52.91	-13.00	-39.91	1.70 H	86	43.63	-96.54
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	-51.05	-13.00	-38.05	2.83 V	173	45.49	-96.54

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.

LTE Band 4, Channel Bandwidth 20MHz

Mode	TX channel 20050 (1720.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-53.13	-13.00	-40.13	1.68 H	82	43.65	-96.78
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3440.00	-51.37	-13.00	-38.37	2.77 V	169	45.41	-96.78

Remarks:

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

Mode	TX channel 20175 (1732.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-52.84	-13.00	-39.84	1.70 H	84	43.86	-96.70
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	3465.00	-51.10	-13.00	-38.10	2.80 V	172	45.60	-96.70

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.

Mode	TX channel 20300 (1745.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-53.00	-13.00	-40.00	1.63 H	88	43.60	-96.60
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	3490.00	-51.11	-13.00	-38.11	2.78 V	168	45.49	-96.60

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.

LTE Band 7, Channel Bandwidth 5MHz

Mode	TX channel 20775 (2502.5MHz)	Frequency Range	1GHz ~ 27GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5005.00	-49.60	-25.00	-24.60	1.10 H	169	43.15	-92.75
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	5005.00	-48.22	-25.00	-23.22	2.24 V	320	44.53	-92.75

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.

Mode	TX channel 21100 (2535.0MHz)	Frequency Range	1GHz ~ 27GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5070.00	-49.50	-25.00	-24.50	1.12 H	172	43.19	-92.69
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5070.00	-48.17	-25.00	-23.17	2.27 V	319	44.52	-92.69

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.

Mode	TX channel 21425 (2567.5MHz)	Frequency Range	1GHz ~ 27GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5135.00	-49.30	-25.00	-24.30	1.12 H	166	43.18	-92.48
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5135.00	-47.94	-25.00	-22.94	2.24 V	323	44.54	-92.48

Remarks:

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

LTE Band 7, Channel Bandwidth 20MHz

Mode	TX channel 20850 (2510.0MHz)	Frequency Range	1GHz ~ 27GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5020.00	-49.57	-25.00	-24.57	1.06 H	167	43.17	-92.74
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	5020.00	-48.16	-25.00	-23.16	2.23 V	321	44.58	-92.74

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.

Mode	TX channel 21100 (2535.0MHz)	Frequency Range	1GHz ~ 27GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5070.00	-49.29	-25.00	-24.29	1.11 H	171	43.40	-92.69
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5070.00	-47.99	-25.00	-22.99	2.19 V	319	44.70	-92.69

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.

Mode	TX channel 21350 (2560.0MHz)	Frequency Range	1GHz ~ 27GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5120.00	-49.36	-25.00	-24.36	1.11 H	172	43.18	-92.54
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5120.00	-48.04	-25.00	-23.04	2.21 V	319	44.50	-92.54

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.

LTE Band 12, Channel Bandwidth 1.4MHz

Mode	TX channel 23017 (699.7MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-61.41	-13.00	-48.41	2.27 H	153	42.88	-104.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1399.40	-59.40	-13.00	-46.40	2.48 V	88	44.89	-104.29

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.

Mode	TX channel 23095 (707.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-61.41	-13.00	-48.41	2.30 H	153	42.84	-104.25
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	-59.39	-13.00	-46.39	2.50 V	87	44.86	-104.25

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.

Mode	TX channel 23173 (715.3MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-61.41	-13.00	-48.41	2.23 H	157	42.81	-104.22
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	-59.42	-13.00	-46.42	2.50 V	94	44.80	-104.22

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.

LTE Band 12, Channel Bandwidth 5MHz

Mode	TX channel 23035 (701.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-61.47	-13.00	-48.47	2.23 H	153	42.82	-104.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1403.00	-59.49	-13.00	-46.49	2.51 V	90	44.80	-104.29

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.

Mode	TX channel 23095 (707.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-61.42	-13.00	-48.42	2.21 H	151	42.83	-104.25
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	-59.41	-13.00	-46.41	2.52 V	94	44.84	-104.25

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.

Mode	TX channel 23155 (713.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-61.37	-13.00	-48.37	2.21 H	156	42.86	-104.23
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	-59.35	-13.00	-46.35	2.52 V	87	44.88	-104.23

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.

LTE Band 12, Channel Bandwidth 10MHz

Mode	TX channel 23060 (704.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-61.41	-13.00	-48.41	2.23 H	157	42.86	-104.27
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1408.00	-59.46	-13.00	-46.46	2.58 V	94	44.81	-104.27

Remarks:

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

Mode	TX channel 23095 (707.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-61.15	-13.00	-48.15	2.29 H	152	43.10	-104.25
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	-59.25	-13.00	-46.25	2.58 V	91	45.00	-104.25

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.

Mode	TX channel 23130 (711.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-61.39	-13.00	-48.39	2.24 H	151	42.85	-104.24
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	-59.41	-13.00	-46.41	2.58 V	93	44.83	-104.24

Remarks:

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

LTE Band 13, Channel Bandwidth 5MHz

Mode	TX channel 23205 (779.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1559.00	-56.06	-40.00	-16.06	1.54 H	343	45.93	-101.99
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1559.00	-51.99	-40.00	-11.99	2.46 V	87	50.00	-101.99

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.

Mode	TX channel 23230 (782.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1564.00	-56.00	-40.00	-16.00	1.56 H	345	45.97	-101.97
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1564.00	-52.00	-40.00	-12.00	2.44 V	84	49.97	-101.97

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.

Mode	TX channel 23255 (784.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1569.00	-55.98	-40.00	-15.98	1.54 H	343	45.98	-101.96
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1569.00	-52.06	-40.00	-12.06	2.50 V	86	49.90	-101.96

Remarks:

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

LTE Band 13, Channel Bandwidth 10MHz

Mode	TX channel 23230 (782.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1564.00	-55.77	-40.00	-15.77	1.52 H	344	46.20	-101.97
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	**1564.00**	**-51.87**	**-40.00**	**-11.87**	**2.51 V**	**88**	**50.10**	**-101.97**

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.

LTE Band 66, Channel Bandwidth 1.4MHz

Mode	TX channel 131979 (1710.7MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-53.90	-13.00	-40.90	1.26 H	149	42.90	-96.80
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	-52.11	-13.00	-39.11	2.67 V	299	44.69	-96.80

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.

Mode	TX channel 132322 (1745.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-53.62	-13.00	-40.62	1.24 H	146	42.98	-96.60
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	3490.00	-51.92	-13.00	-38.92	2.72 V	299	44.68	-96.60

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.

Mode	TX channel 132665 (1779.3MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-53.70	-13.00	-40.70	1.20 H	148	42.72	-96.42
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	-51.99	-13.00	-38.99	2.77 V	300	44.43	-96.42

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.

LTE Band 66, Channel Bandwidth 5MHz

Mode	TX channel 131997 (1712.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-53.85	-13.00	-40.85	1.27 H	149	42.94	-96.79
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	3425.00	-52.10	-13.00	-39.10	2.68 V	300	44.69	-96.79

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.

Mode	TX channel 132322 (1745.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-53.66	-13.00	-40.66	1.17 H	148	42.94	-96.60
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	3490.00	-51.90	-13.00	-38.90	2.67 V	298	44.70	-96.60

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.

Mode	TX channel 132647 (1777.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-53.52	-13.00	-40.52	1.23 H	150	42.91	-96.43
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	-51.76	-13.00	-38.76	2.72 V	300	44.67	-96.43

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.

LTE Band 66, Channel Bandwidth 20MHz

Mode	TX channel 132072 (1720.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-53.78	-13.00	-40.78	1.19 H	150	43.00	-96.78
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3440.00	-52.14	-13.00	-39.14	2.70 V	301	44.64	-96.78

Remarks:

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

Mode	TX channel 132322 (1745.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-53.40	-13.00	-40.40	1.21 H	146	43.20	-96.60
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	3490.00	-51.80	-13.00	-38.80	2.70 V	299	44.80	-96.60

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.

Mode	TX channel 132572 (1770.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-53.48	-13.00	-40.48	1.27 H	148	42.99	-96.47
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	-51.82	-13.00	-38.82	2.72 V	300	44.65	-96.47

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.

LTE Band 71, Channel Bandwidth 5MHz

Mode	TX channel 133147 (665.5MHz)	Frequency Range	1GHz ~ 7GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-60.04	-13.00	-47.04	2.63 H	158	44.21	-104.25
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	-58.24	-13.00	-45.24	2.59 V	152	46.01	-104.25

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.

Mode	TX channel 133297 (680.5MHz)	Frequency Range	1GHz ~ 7GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-59.98	-13.00	-46.98	2.66 H	154	44.22	-104.20
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	-58.18	-13.00	-45.18	2.60 V	159	46.02	-104.20

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.

Mode	TX channel 133447 (695.5MHz)	Frequency Range	1GHz ~ 7GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-60.01	-13.00	-47.01	2.61 H	158	44.26	-104.27
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1391.00	-58.27	-13.00	-45.27	2.62 V	159	46.00	-104.27

Remarks:

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

LTE Band 71, Channel Bandwidth 20MHz

Mode	TX channel 133222 (673.0MHz)	Frequency Range	1GHz ~ 7GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-59.92	-13.00	-46.92	2.61 H	157	44.28	-104.20
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	-58.11	-13.00	-45.11	2.63 V	159	46.09	-104.20

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.

Mode	TX channel 133297 (680.5MHz)	Frequency Range	1GHz ~ 7GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-59.70	-13.00	-46.70	2.65 H	157	44.50	-104.20
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	-58.00	-13.00	-45.00	2.63 V	158	46.20	-104.20

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.

Mode	TX channel 133372 (688.0MHz)	Frequency Range	1GHz ~ 7GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-59.94	-13.00	-46.94	2.62 H	154	44.30	-104.24
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	-58.15	-13.00	-45.15	2.67 V	155	46.09	-104.24

Remarks:

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

EUT + Antenna 2 (2nd Source)

Below 1GHz

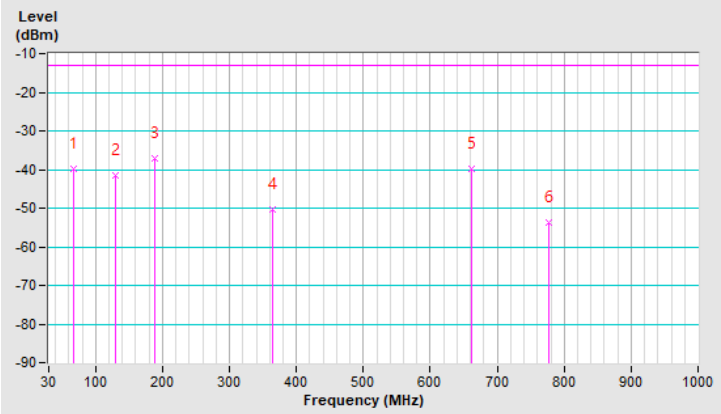
LTE Band 4, Channel Bandwidth 5MHz

Mode	TX channel 20375 (1752.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	67.83	-39.80	-13.00	-26.80	2.00 H	270	70.43	-110.23
2	129.91	-41.47	-13.00	-28.47	1.50 H	132	68.17	-109.64
3	189.08	-37.21	-13.00	-24.21	1.50 H	161	73.80	-111.01
4	364.65	-50.25	-13.00	-37.25	1.01 H	180	55.95	-106.20
5	662.44	-39.77	-13.00	-26.77	1.01 H	253	60.06	-99.83
6	777.87	-53.65	-13.00	-40.65	1.50 H	100	44.54	-98.19

Remarks:

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

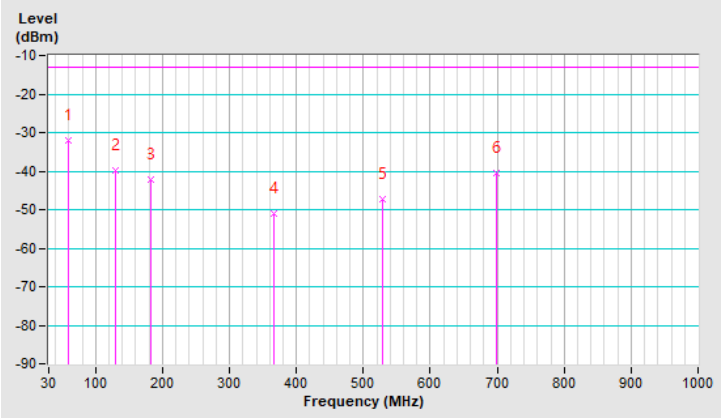


Mode	TX channel 20375 (1752.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	**59.10**	**-32.01**	**-13.00**	**-19.01**	**1.00 V**	**258**	**76.83**	**-108.84**
2	129.91	-39.70	-13.00	-26.70	1.00 V	168	69.94	-109.64
3	182.29	-42.07	-13.00	-29.07	1.00 V	223	68.05	-110.12
4	365.62	-50.95	-13.00	-37.95	1.49 V	115	55.20	-106.15
5	528.58	-47.28	-13.00	-34.28	2.00 V	295	55.24	-102.52
6	698.33	-40.42	-13.00	-27.42	1.00 V	328	58.73	-99.15

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.



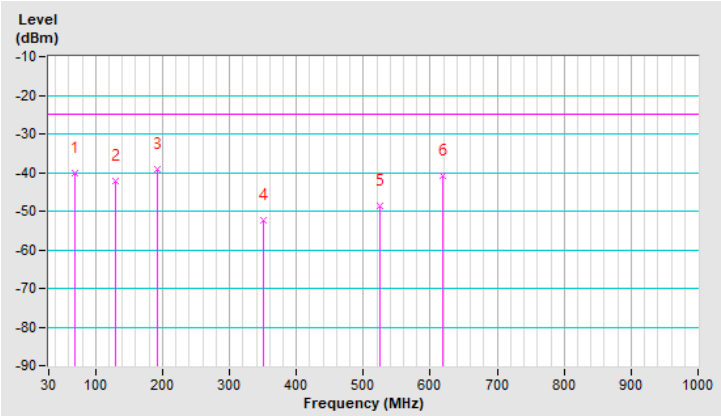
LTE Band 7, Channel Bandwidth 20MHz

Mode	TX channel 21100 (2535.0MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	68.80	-40.07	-25.00	-15.07	2.00 H	256	70.43	-110.50
2	129.91	-42.30	-25.00	-17.30	1.50 H	136	67.34	-109.64
3	191.99	-39.20	-25.00	-14.20	1.50 H	162	72.09	-111.29
4	350.10	-52.33	-25.00	-27.33	1.01 H	156	54.29	-106.62
5	524.70	-48.68	-25.00	-23.68	1.50 H	252	53.86	-102.54
6	617.82	-40.77	-25.00	-15.77	1.50 H	153	59.64	-100.41

Remarks:

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

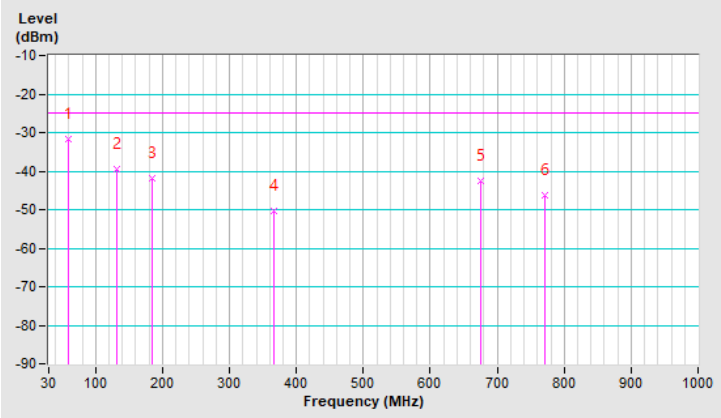


Mode	TX channel 21100 (2535.0MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	**59.10**	**-31.80**	**-25.00**	**-6.80**	**2.00 V**	**263**	**77.04**	**-108.84**
2	130.88	-39.33	-25.00	-14.33	1.00 V	160	70.18	-109.51
3	184.23	-42.03	-25.00	-17.03	1.00 V	217	68.35	-110.38
4	365.62	-50.26	-25.00	-25.26	1.50 V	263	55.89	-106.15
5	675.05	-42.40	-25.00	-17.40	1.50 V	296	57.34	-99.74
6	772.05	-46.42	-25.00	-21.42	1.00 V	64	51.86	-98.28

Remarks:

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



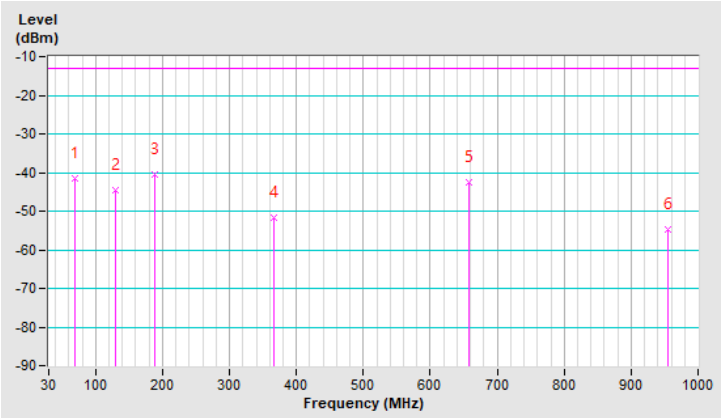
LTE Band 12, Channel Bandwidth 10MHz

Mode	TX channel 23095 (707.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	68.80	-41.62	-13.00	-28.62	1.00 H	263	71.03	-112.65
2	129.91	-44.55	-13.00	-31.55	1.99 H	132	67.24	-111.79
3	189.08	-40.38	-13.00	-27.38	1.00 H	171	72.78	-113.16
4	365.62	-51.76	-13.00	-38.76	1.50 H	188	56.54	-108.30
5	657.59	-42.58	-13.00	-29.58	1.00 H	244	59.45	-102.03
6	955.38	-54.87	-13.00	-41.87	1.99 H	183	42.99	-97.86

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.

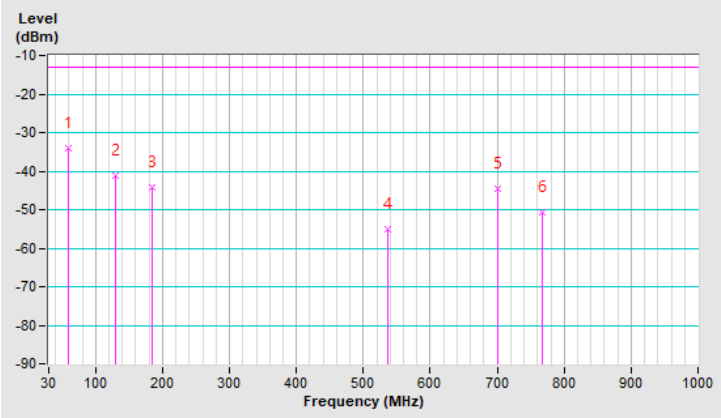


Mode	TX channel 23095 (707.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	59.10	-34.07	-13.00	-21.07	1.01 V	258	76.92	-110.99
2	129.91	-41.31	-13.00	-28.31	1.01 V	151	70.48	-111.79
3	185.20	-44.16	-13.00	-31.16	1.01 V	225	68.55	-112.71
4	537.31	-54.95	-13.00	-41.95	1.01 V	345	49.64	-104.59
5	701.24	-44.72	-13.00	-31.72	1.01 V	30	56.58	-101.30
6	767.20	-50.84	-13.00	-37.84	1.01 V	131	49.56	-100.40

Remarks:

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



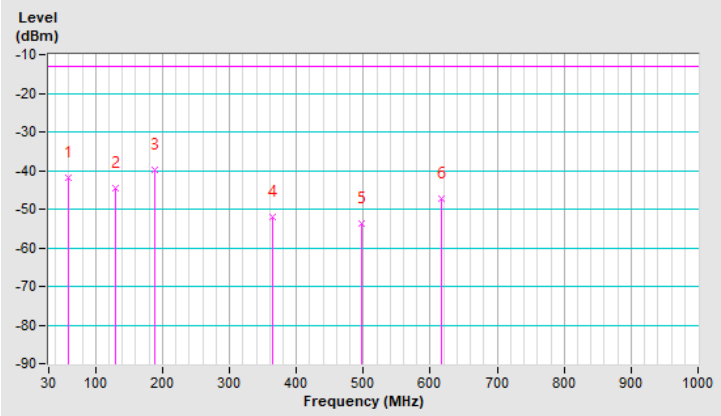
LTE Band 13, Channel Bandwidth 10MHz

Mode	TX channel 23230 (782.0MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	59.10	-41.88	-13.00	-28.88	1.50 H	218	69.11	-110.99
2	129.91	-44.67	-13.00	-31.67	2.00 H	147	67.12	-111.79
3	189.08	-39.96	-13.00	-26.96	2.00 H	175	73.20	-113.16
4	364.65	-52.02	-13.00	-39.02	1.01 H	6	56.33	-108.35
5	496.57	-53.77	-13.00	-40.77	2.00 H	92	51.57	-105.34
6	615.88	-47.38	-13.00	-34.38	1.01 H	185	55.18	-102.56

Remarks:

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

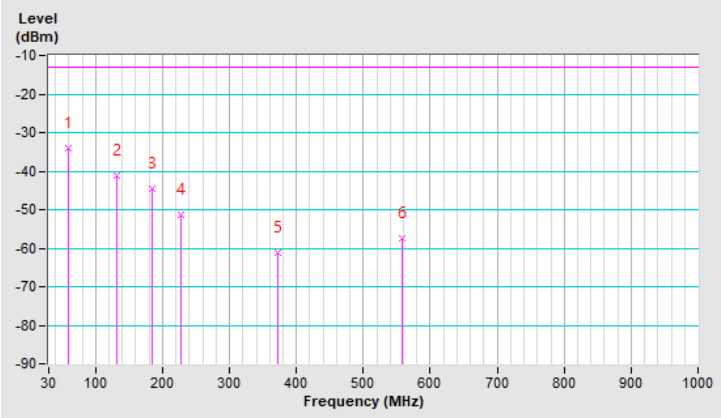


Mode	TX channel 23230 (782.0MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	59.10	-34.06	-13.00	-21.06	1.50 V	258	76.93	-110.99
2	130.88	-41.23	-13.00	-28.23	1.00 V	166	70.43	-111.66
3	184.23	-44.41	-13.00	-31.41	1.00 V	227	68.12	-112.53
4	226.91	-51.51	-13.00	-38.51	1.00 V	174	61.90	-113.41
5	371.44	-61.26	-13.00	-48.26	2.00 V	137	46.79	-108.05
6	558.65	-57.48	-13.00	-44.48	1.00 V	323	46.65	-104.13

Remarks:

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



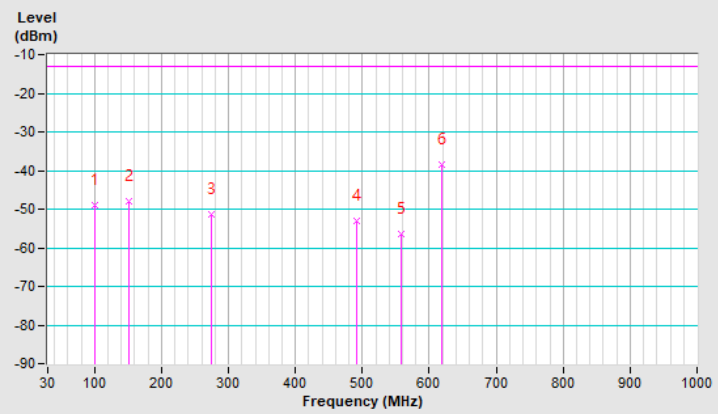
LTE Band 66, Channel Bandwidth 5MHz

Mode	TX channel 132647 (1777.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	99.84	-48.88	-13.00	-35.88	1.49 H	148	64.01	-112.89
2	152.22	-47.80	-13.00	-34.80	1.49 H	89	60.50	-108.30
3	275.41	-51.24	-13.00	-38.24	1.00 H	276	57.06	-108.30
4	490.75	-53.16	-13.00	-40.16	2.00 H	60	50.08	-103.24
5	557.68	-56.46	-13.00	-43.46	1.49 H	86	45.55	-102.01
6	618.79	-38.56	-13.00	-25.56	2.00 H	156	61.85	-100.41

Remarks:

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

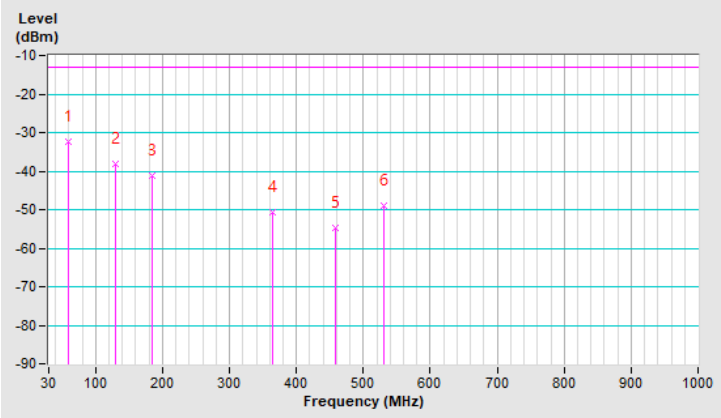


Mode	TX channel 132572 (1770.0MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	59.10	-32.25	-13.00	-19.25	2.00 V	249	76.59	-108.84
2	129.91	-38.21	-13.00	-25.21	1.01 V	155	71.43	-109.64
3	185.20	-41.34	-13.00	-28.34	1.01 V	215	69.22	-110.56
4	364.65	-50.81	-13.00	-37.81	1.50 V	154	55.39	-106.20
5	458.74	-54.71	-13.00	-41.71	1.01 V	300	48.96	-103.67
6	531.49	-49.14	-13.00	-36.14	2.00 V	4	53.36	-102.50

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.



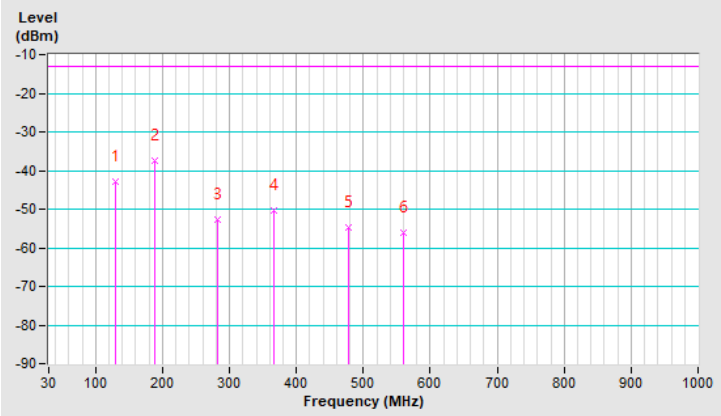
LTE Band 71, Channel Bandwidth 20MHz

Mode	TX channel 133297 (680.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	129.91	-42.99	-13.00	-29.99	1.50 H	136	68.80	-111.79
2	189.08	-37.55	-13.00	-24.55	1.50 H	170	75.61	-113.16
3	282.20	-52.72	-13.00	-39.72	1.01 H	93	57.49	-110.21
4	365.62	-50.21	-13.00	-37.21	1.01 H	18	58.09	-108.30
5	478.14	-54.89	-13.00	-41.89	1.01 H	69	50.65	-105.54
6	559.62	-56.17	-13.00	-43.17	1.50 H	82	47.93	-104.10

Remarks:

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

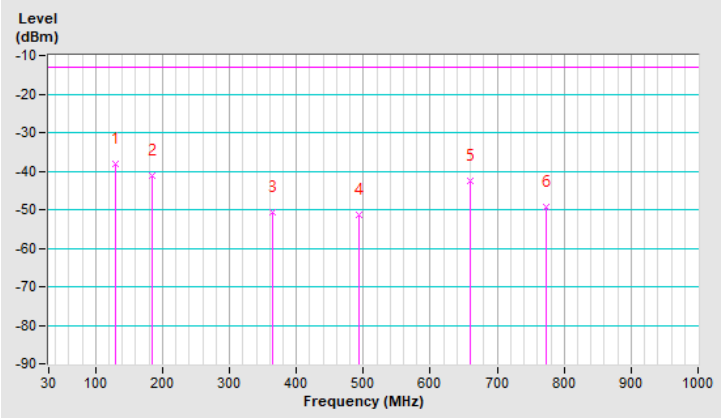


Mode	TX channel 133297 (680.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	129.91	-38.12	-13.00	-25.12	2.00 V	169	73.67	-111.79
2	185.20	-41.31	-13.00	-28.31	1.00 V	220	71.40	-112.71
3	363.68	-50.61	-13.00	-37.61	1.49 V	176	57.78	-108.39
4	492.69	-51.49	-13.00	-38.49	1.49 V	78	53.88	-105.37
5	660.50	-42.43	-13.00	-29.43	1.49 V	315	59.58	-102.01
6	773.02	-49.17	-13.00	-36.17	1.00 V	75	51.26	-100.43

Remarks:

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



Above 1GHz

LTE Band 4, Channel Bandwidth 1.4MHz

Mode	TX channel 19957 (1710.7MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	-50.01	-13.00	-37.01	1.07 H	23	46.79	-96.80
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	-48.70	-13.00	-35.70	1.97 V	33	48.10	-96.80

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.

Mode	TX channel 20175 (1732.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	-50.01	-13.00	-37.01	1.12 H	13	46.69	-96.70
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	3465.00	-48.65	-13.00	-35.65	1.99 V	17	48.05	-96.70

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.

Mode	TX channel 20393 (1754.3MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	-49.75	-13.00	-36.75	1.04 H	11	46.78	-96.53
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3508.60	-48.41	-13.00	-35.41	1.86 V	25	48.12	-96.53

Remarks:

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

LTE Band 4, Channel Bandwidth 5MHz

Mode	TX channel 19975 (1712.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	-50.03	-13.00	-37.03	1.11 H	13	46.76	-96.79
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	3425.00	-48.74	-13.00	-35.74	1.94 V	27	48.05	-96.79

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.

Mode	TX channel 20175 (1732.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	-49.93	-13.00	-36.93	1.04 H	10	46.77	-96.70
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	3465.00	-48.61	-13.00	-35.61	1.94 V	26	48.09	-96.70

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.

Mode	TX channel 20375 (1752.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	-49.83	-13.00	-36.83	1.08 H	27	46.71	-96.54
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	-48.45	-13.00	-35.45	1.92 V	31	48.09	-96.54

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.

LTE Band 4, Channel Bandwidth 20MHz

Mode	TX channel 20050 (1720.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	-49.78	-13.00	-36.78	1.03 H	11	47.00	-96.78
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3440.00	-48.57	-13.00	-35.57	1.91 V	23	48.21	-96.78

Remarks:

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

Mode	TX channel 20175 (1732.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	-49.68	-13.00	-36.68	1.01 H	16	47.02	-96.70
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	3465.00	-48.48	-13.00	-35.48	1.83 V	27	48.22	-96.70

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.

Mode	TX channel 20300 (1745.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	-49.87	-13.00	-36.87	1.07 H	16	46.73	-96.60
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	3490.00	-48.56	-13.00	-35.56	1.96 V	21	48.04	-96.60

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.

LTE Band 7, Channel Bandwidth 5MHz

Mode	TX channel 20775 (2502.5MHz)	Frequency Range	1GHz ~ 27GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	5005.00	-48.10	-25.00	-23.10	1.10 H	43	44.65	-92.75
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	5005.00	-46.32	-25.00	-21.32	1.27 V	325	46.43	-92.75

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.

Mode	TX channel 21100 (2535.0MHz)	Frequency Range	1GHz ~ 27GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	5070.00	-48.04	-25.00	-23.04	1.07 H	49	44.65	-92.69
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5070.00	-46.30	-25.00	-21.30	1.24 V	321	46.39	-92.69

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.

Mode	TX channel 21425 (2567.5MHz)	Frequency Range	1GHz ~ 27GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	5135.00	-47.87	-25.00	-22.87	1.06 H	45	44.61	-92.48
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5135.00	-46.13	-25.00	-21.13	1.29 V	325	46.35	-92.48

Remarks:

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

LTE Band 7, Channel Bandwidth 20MHz

Mode	TX channel 20850 (2510.0MHz)	Frequency Range	1GHz ~ 27GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	5020.00	-47.83	-25.00	-22.83	1.06 H	45	44.91	-92.74
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	5020.00	-46.21	-25.00	-21.21	1.19 V	329	46.53	-92.74

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.

Mode	TX channel 21100 (2535.0MHz)	Frequency Range	1GHz ~ 27GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	5070.00	-48.06	-25.00	-23.06	1.08 H	49	44.63	-92.69
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5070.00	-46.36	-25.00	-21.36	1.18 V	329	46.33	-92.69

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.

Mode	TX channel 21350 (2560.0MHz)	Frequency Range	1GHz ~ 27GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	5120.00	-47.91	-25.00	-22.91	1.04 H	52	44.63	-92.54
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5120.00	-46.18	-25.00	-21.18	1.18 V	322	46.36	-92.54

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.

LTE Band 12, Channel Bandwidth 1.4MHz

Mode	TX channel 23017 (699.7MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	-59.65	-13.00	-46.65	1.18 H	163	44.64	-104.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1399.40	-57.91	-13.00	-44.91	1.45 V	211	46.38	-104.29

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.

Mode	TX channel 23095 (707.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	-59.60	-13.00	-46.60	1.12 H	169	44.65	-104.25
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	-57.78	-13.00	-44.78	1.48 V	211	46.47	-104.25

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.

Mode	TX channel 23173 (715.3MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	-59.61	-13.00	-46.61	1.13 H	169	44.61	-104.22
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	-57.89	-13.00	-44.89	1.58 V	214	46.33	-104.22

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.

LTE Band 12, Channel Bandwidth 5MHz

Mode	TX channel 23035 (701.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	-59.64	-13.00	-46.64	1.12 H	168	44.65	-104.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1403.00	-57.90	-13.00	-44.90	1.52 V	211	46.39	-104.29

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.

Mode	TX channel 23095 (707.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	-59.66	-13.00	-46.66	1.13 H	168	44.59	-104.25
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	-57.87	-13.00	-44.87	1.53 V	211	46.38	-104.25

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.

Mode	TX channel 23155 (713.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	-59.60	-13.00	-46.60	1.12 H	165	44.63	-104.23
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	-57.81	-13.00	-44.81	1.56 V	211	46.42	-104.23

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.

LTE Band 12, Channel Bandwidth 10MHz

Mode	TX channel 23060 (704.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	-59.63	-13.00	-46.63	1.11 H	165	44.64	-104.27
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1408.00	-57.86	-13.00	-44.86	1.55 V	211	46.41	-104.27

Remarks:

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

Mode	TX channel 23095 (707.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	-59.36	-13.00	-46.36	1.15 H	167	44.89	-104.25
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	-57.73	-13.00	-44.73	1.48 V	212	46.52	-104.25

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.

Mode	TX channel 23130 (711.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	-59.67	-13.00	-46.67	1.14 H	163	44.57	-104.24
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	-57.86	-13.00	-44.86	1.57 V	208	46.38	-104.24

Remarks:

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

LTE Band 13, Channel Bandwidth 5MHz

Mode	TX channel 23205 (779.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	1559.00	-54.04	-40.00	-14.04	1.98 H	21	47.95	-101.99
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1559.00	-52.95	-40.00	-12.95	1.14 V	322	49.04	-101.99

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.

Mode	TX channel 23230 (782.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	1564.00	-52.88	-40.00	-12.88	1.18 H	329	49.09	-101.97
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1564.00	-52.85	-40.00	-12.85	1.17 V	324	49.12	-101.97

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.

Mode	TX channel 23255 (784.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	1569.00	-54.00	-40.00	-14.00	1.97 H	19	47.96	-101.96
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1569.00	-52.91	-40.00	-12.91	1.13 V	323	49.05	-101.96

Remarks:

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

LTE Band 13, Channel Bandwidth 10MHz

Mode	TX channel 23230 (782.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	1564.00	-53.70	-40.00	-13.70	1.96 H	11	48.27	-101.97
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1564.00	-52.74	-40.00	-12.74	1.84 V	61	49.23	-101.97

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.

LTE Band 66, Channel Bandwidth 1.4MHz

Mode	TX channel 131979 (1710.7MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	-52.68	-13.00	-39.68	1.03 H	21	44.12	-96.80
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	-49.77	-13.00	-36.77	1.31 V	281	47.03	-96.80

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.

Mode	TX channel 132322 (1745.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	-52.43	-13.00	-39.43	1.11 H	25	44.17	-96.60
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	3490.00	-49.66	-13.00	-36.66	1.28 V	283	46.94	-96.60

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.

Mode	TX channel 132665 (1779.3MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	3558.60	-52.24	-13.00	-39.24	1.08 H	20	44.18	-96.42
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	-49.47	-13.00	-36.47	1.25 V	277	46.95	-96.42

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.

LTE Band 66, Channel Bandwidth 5MHz

Mode	TX channel 131997 (1712.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	-52.63	-13.00	-39.63	1.08 H	21	44.16	-96.79
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	3425.00	-49.78	-13.00	-36.78	1.25 V	278	47.01	-96.79

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.

Mode	TX channel 132322 (1745.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	-52.51	-13.00	-39.51	1.02 H	24	44.09	-96.60
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	3490.00	-49.62	-13.00	-36.62	1.27 V	274	46.98	-96.60

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.

Mode	TX channel 132647 (1777.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	3555.00	-52.31	-13.00	-39.31	1.03 H	22	44.12	-96.43
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	-49.47	-13.00	-36.47	1.29 V	278	46.96	-96.43

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.

LTE Band 66, Channel Bandwidth 20MHz

Mode	TX channel 132072 (1720.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	-52.62	-13.00	-39.62	1.11 H	23	44.16	-96.78
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3440.00	-49.85	-13.00	-36.85	1.22 V	276	46.93	-96.78

Remarks:

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

Mode	TX channel 132322 (1745.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	-52.18	-13.00	-39.18	1.09 H	21	44.42	-96.60
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	3490.00	-49.45	-13.00	-36.45	1.27 V	279	47.15	-96.60

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.

Mode	TX channel 132572 (1770.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	3540.00	-52.35	-13.00	-39.35	1.05 H	21	44.12	-96.47
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	-49.53	-13.00	-36.53	1.24 V	274	46.94	-96.47

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.

LTE Band 71, Channel Bandwidth 5MHz

Mode	TX channel 133147 (665.5MHz)	Frequency Range	1GHz ~ 7GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	1331.00	-59.44	-13.00	-46.44	1.13 H	172	44.81	-104.25
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	-56.82	-13.00	-43.82	1.65 V	196	47.43	-104.25

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.

Mode	TX channel 133297 (680.5MHz)	Frequency Range	1GHz ~ 7GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	1361.00	-59.43	-13.00	-46.43	1.22 H	174	44.77	-104.20
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1361.00	-56.83	-13.00	-43.83	1.67 V	195	47.37	-104.20

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.

Mode	TX channel 133447 (695.5MHz)	Frequency Range	1GHz ~ 7GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	1391.00	-59.54	-13.00	-46.54	1.15 H	169	44.73	-104.27
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1391.00	-56.92	-13.00	-43.92	1.65 V	191	47.35	-104.27

Remarks:

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

LTE Band 71, Channel Bandwidth 20MHz

Mode	TX channel 133222 (673.0MHz)	Frequency Range	1GHz ~ 7GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	1346.00	-59.42	-13.00	-46.42	1.13 H	171	44.78	-104.20
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	-56.79	-13.00	-43.79	1.65 V	196	47.41	-104.20

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.

Mode	TX channel 133297 (680.5MHz)	Frequency Range	1GHz ~ 7GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-59.16	-13.00	-46.16	1.14 H	168	45.04	-104.20
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1361.00	-56.66	-13.00	-43.66	1.70 V	192	47.54	-104.20

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.

Mode	TX channel 133372 (688.0MHz)	Frequency Range	1GHz ~ 7GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Tim 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	1376.00	-59.43	-13.00	-46.43	1.11 H	166	44.81	-104.24
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1376.00	-56.86	-13.00	-43.86	1.71 V	196	47.38	-104.24

Remarks:

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

EUT + Antenna 3

Below 1GHz

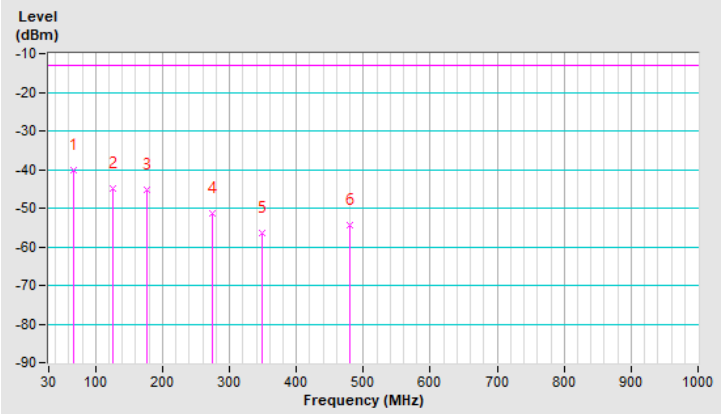
LTE Band 4, Channel Bandwidth 5MHz

Mode	TX channel 20375 (1752.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	67.83	-40.03	-13.00	-27.03	2.00 H	258	70.20	-110.23
2	126.03	-45.00	-13.00	-32.00	1.50 H	120	64.93	-109.93
3	176.47	-45.30	-13.00	-32.30	1.50 H	186	64.07	-109.37
4	275.41	-51.35	-13.00	-38.35	1.00 H	273	56.95	-108.30
5	349.13	-56.47	-13.00	-43.47	1.00 H	109	50.16	-106.63
6	480.08	-54.26	-13.00	-41.26	1.00 H	202	49.12	-103.38

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.

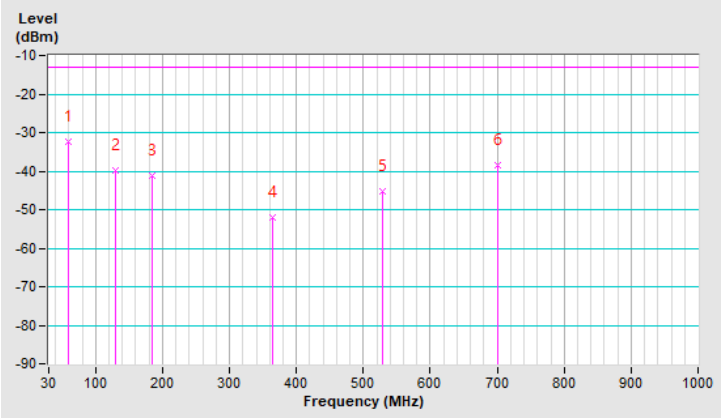


Mode	TX channel 20375 (1752.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	59.10	-32.35	-13.00	-19.35	1.01 V	254	76.49	-108.84
2	128.94	-39.93	-13.00	-26.93	1.01 V	164	69.78	-109.71
3	185.20	-41.08	-13.00	-28.08	1.01 V	220	69.48	-110.56
4	363.68	-51.88	-13.00	-38.88	1.50 V	250	54.36	-106.24
5	529.55	-45.40	-13.00	-32.40	2.00 V	319	57.11	-102.51
6	700.27	-38.45	-13.00	-25.45	2.00 V	283	60.68	-99.13

Remarks:

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



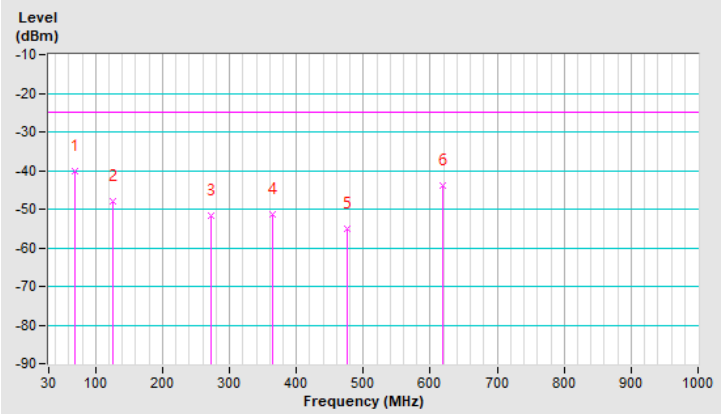
LTE Band 7, Channel Bandwidth 20MHz

Mode	TX channel 21100 (2535.0MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	68.80	-40.23	-25.00	-15.23	2.00 H	263	70.27	-110.50
2	125.06	-47.85	-25.00	-22.85	1.49 H	116	62.31	-110.16
3	273.47	-51.82	-25.00	-26.82	1.00 H	260	56.56	-108.38
4	364.65	-51.46	-25.00	-26.46	1.00 H	186	54.74	-106.20
5	475.23	-55.11	-25.00	-30.11	1.00 H	194	48.28	-103.39
6	617.82	-43.93	-25.00	-18.93	1.49 H	148	56.48	-100.41

Remarks:

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

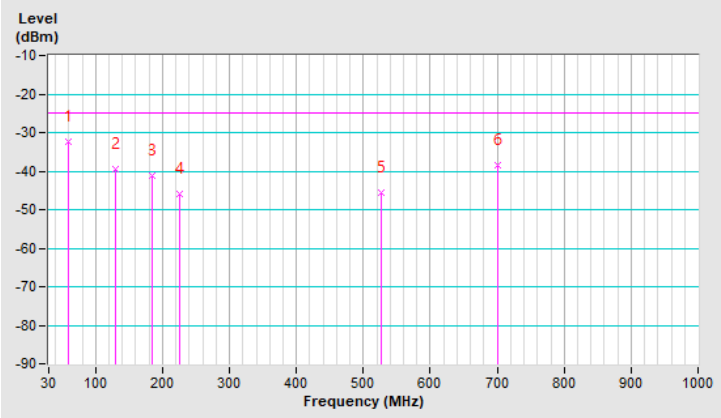


Mode	TX channel 21100 (2535.0MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	59.10	-32.48	-25.00	-7.48	1.01 V	259	76.36	-108.84
2	129.91	-39.50	-25.00	-14.50	1.01 V	174	70.14	-109.64
3	185.20	-41.20	-25.00	-16.20	1.01 V	224	69.36	-110.56
4	225.94	-46.06	-25.00	-21.06	1.01 V	191	65.37	-111.43
5	526.64	-45.43	-25.00	-20.43	1.50 V	328	57.09	-102.52
6	700.27	-38.39	-25.00	-13.39	2.00 V	102	60.74	-99.13

Remarks:

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



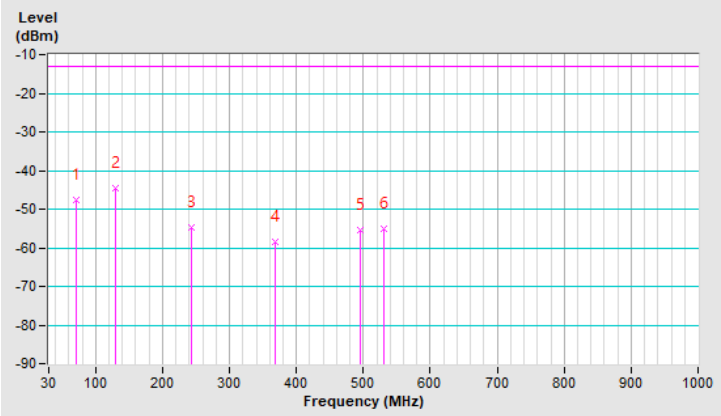
LTE Band 12, Channel Bandwidth 10MHz

Mode	TX channel 23095 (707.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	71.71	-47.79	-13.00	-34.79	1.50 H	295	65.43	-113.22
2	129.91	-44.71	-13.00	-31.71	1.50 H	147	67.08	-111.79
3	243.40	-54.73	-13.00	-41.73	1.01 H	315	57.13	-111.86
4	368.53	-58.44	-13.00	-45.44	1.01 H	184	49.72	-108.16
5	494.63	-55.43	-13.00	-42.43	2.00 H	108	49.93	-105.36
6	531.49	-54.96	-13.00	-41.96	1.50 H	86	49.69	-104.65

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.

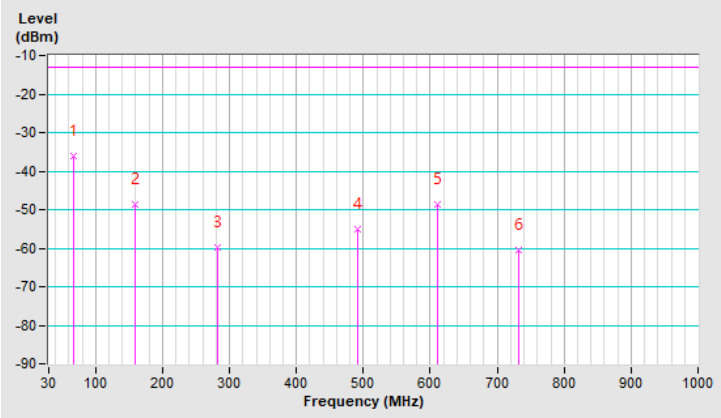


Mode	TX channel 23095 (707.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	67.83	-36.09	-13.00	-23.09	2.00 V	227	76.29	-112.38
2	159.98	-48.65	-13.00	-35.65	1.00 V	204	61.78	-110.43
3	282.20	-59.68	-13.00	-46.68	1.49 V	299	50.53	-110.21
4	490.75	-54.93	-13.00	-41.93	1.49 V	66	50.46	-105.39
5	610.06	-48.71	-13.00	-35.71	1.00 V	340	53.85	-102.56
6	731.31	-60.57	-13.00	-47.57	1.49 V	299	40.40	-100.97

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.



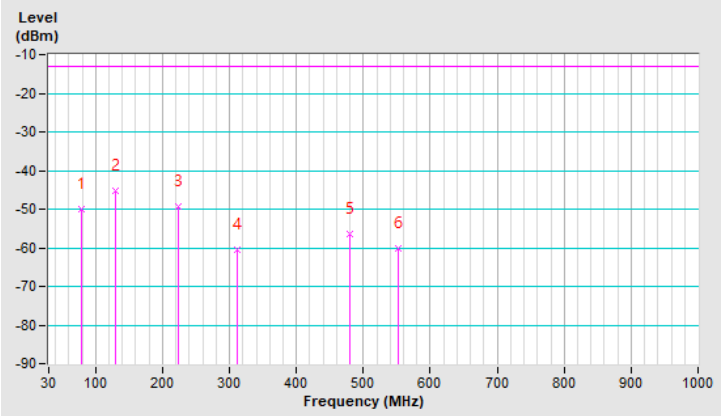
LTE Band 13, Channel Bandwidth 10MHz

Mode	TX channel 23230 (782.0MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	79.47	-49.93	-13.00	-36.93	1.00 H	290	65.35	-115.28
2	129.91	-45.26	-13.00	-32.26	1.50 H	140	66.53	-111.79
3	224.00	-49.34	-13.00	-36.34	1.50 H	307	64.43	-113.77
4	312.27	-60.49	-13.00	-47.49	1.00 H	118	49.04	-109.53
5	480.08	-56.51	-13.00	-43.51	2.00 H	197	49.02	-105.53
6	551.86	-60.30	-13.00	-47.30	1.50 H	117	44.04	-104.34

Remarks:

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

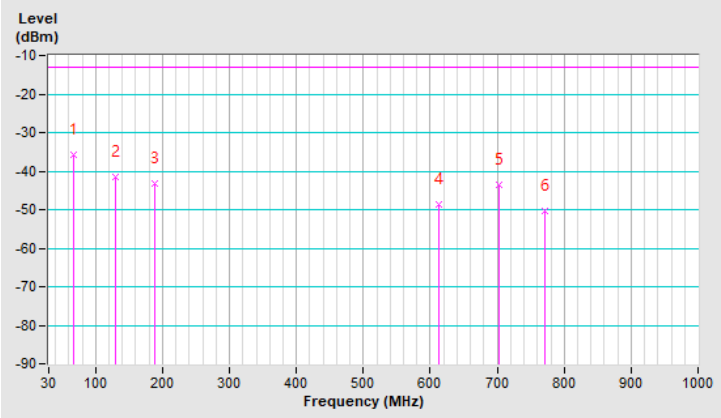


Mode	TX channel 23230 (782.0MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	67.83	-35.93	-13.00	-22.93	1.01 V	222	76.45	-112.38
2	129.91	-41.41	-13.00	-28.41	1.01 V	170	70.38	-111.79
3	188.11	-43.20	-13.00	-30.20	1.50 V	222	69.90	-113.10
4	612.97	-48.54	-13.00	-35.54	1.01 V	335	54.02	-102.56
5	702.21	-43.40	-13.00	-30.40	1.01 V	104	57.90	-101.30
6	772.05	-50.46	-13.00	-37.46	2.00 V	104	49.97	-100.43

Remarks:

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



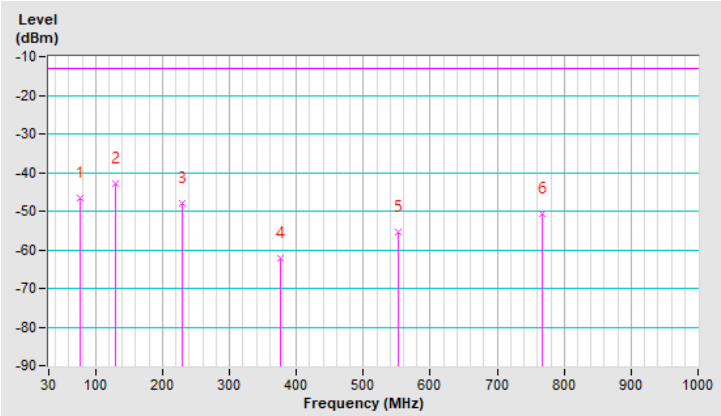
LTE Band 66, Channel Bandwidth 5MHz

Mode	TX channel 132647 (1777.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	77.53	-46.62	-13.00	-33.62	2.00 H	269	66.06	-112.68
2	129.91	-42.80	-13.00	-29.80	1.50 H	171	66.84	-109.64
3	228.85	-47.92	-13.00	-34.92	1.50 H	313	62.99	-110.91
4	375.32	-62.10	-13.00	-49.10	1.01 H	126	43.69	-105.79
5	552.83	-55.42	-13.00	-42.42	1.50 H	85	46.74	-102.16
6	767.20	-50.66	-13.00	-37.66	1.50 H	326	47.59	-98.25

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.

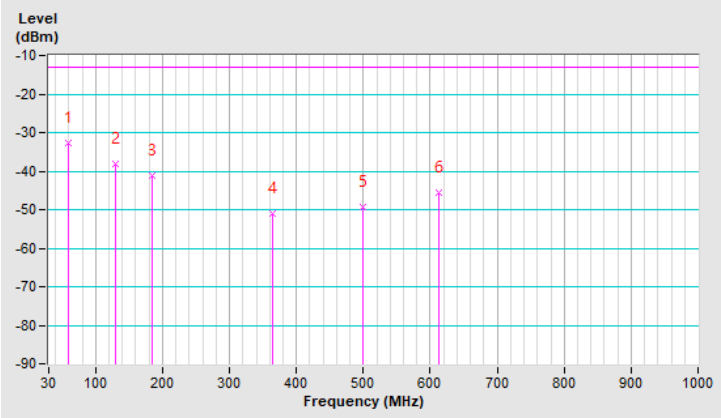


Mode	TX channel 132572 (1770.0MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	59.10	-32.58	-13.00	-19.58	2.00 V	267	76.26	-108.84
2	129.91	-38.28	-13.00	-25.28	1.00 V	160	71.36	-109.64
3	184.23	-41.13	-13.00	-28.13	1.00 V	227	69.25	-110.38
4	363.68	-51.08	-13.00	-38.08	1.49 V	257	55.16	-106.24
5	499.48	-49.16	-13.00	-36.16	1.49 V	48	53.98	-103.14
6	612.97	-45.52	-13.00	-32.52	1.00 V	335	54.89	-100.41

Remarks:

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



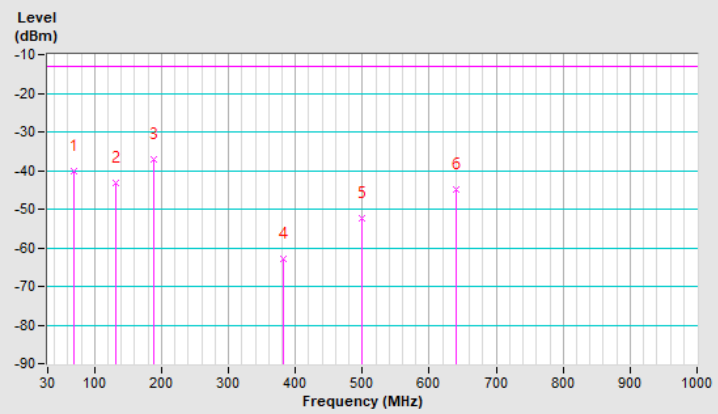
LTE Band 71, Channel Bandwidth 20MHz

Mode	TX channel 133297 (680.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	68.80	-40.32	-13.00	-27.32	2.00 H	256	72.33	-112.65
2	130.88	-43.31	-13.00	-30.31	1.49 H	150	68.35	-111.66
3	189.08	-37.23	-13.00	-24.23	1.49 H	177	75.93	-113.16
4	381.14	-62.94	-13.00	-49.94	1.00 H	2	44.89	-107.83
5	499.48	-52.24	-13.00	-39.24	1.49 H	99	53.05	-105.29
6	641.10	-45.01	-13.00	-32.01	1.49 H	168	57.14	-102.15

Remarks:

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

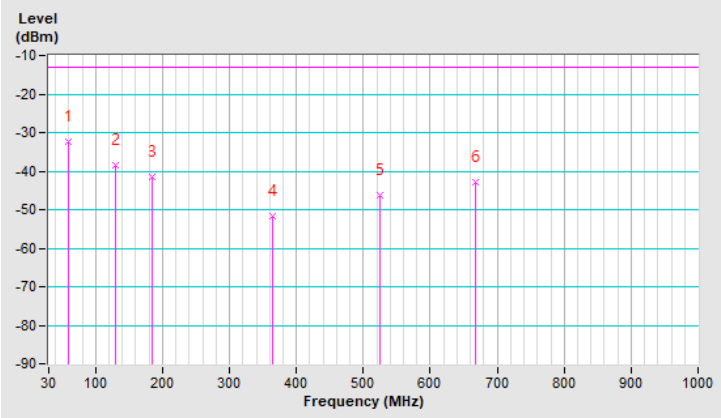


Mode	TX channel 133297 (680.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	**59.10**	**-32.44**	**-13.00**	**-19.44**	**2.00 V**	**235**	**78.55**	**-110.99**
2	129.91	-38.63	-13.00	-25.63	1.01 V	167	73.16	-111.79
3	184.23	-41.42	-13.00	-28.42	1.01 V	225	71.11	-112.53
4	364.65	-51.65	-13.00	-38.65	1.01 V	157	56.70	-108.35
5	525.67	-46.33	-13.00	-33.33	1.01 V	301	58.35	-104.68
6	668.26	-42.78	-13.00	-29.78	1.50 V	292	59.20	-101.98

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.



Above 1GHz

LTE Band 4, Channel Bandwidth 1.4MHz

Mode	TX channel 19957 (1710.7MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-51.25	-13.00	-38.25	1.52 H	33	45.55	-96.80
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	-50.16	-13.00	-37.16	1.55 V	311	46.64	-96.80

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.

Mode	TX channel 20175 (1732.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-51.15	-13.00	-38.15	1.59 H	25	45.55	-96.70
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	3465.00	-50.16	-13.00	-37.16	1.57 V	316	46.54	-96.70

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.

Mode	TX channel 20393 (1754.3MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-51.04	-13.00	-38.04	1.52 H	31	45.49	-96.53
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3508.60	-49.97	-13.00	-36.97	1.58 V	305	46.56	-96.53

Remarks:

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

LTE Band 4, Channel Bandwidth 5MHz

Mode	TX channel 19975 (1712.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-51.26	-13.00	-38.26	1.50 H	36	45.53	-96.79
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	3425.00	-50.23	-13.00	-37.23	1.53 V	308	46.56	-96.79

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.

Mode	TX channel 20175 (1732.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-51.19	-13.00	-38.19	1.57 H	28	45.51	-96.70
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	3465.00	-50.09	-13.00	-37.09	1.51 V	306	46.61	-96.70

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.

Mode	TX channel 20375 (1752.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-51.01	-13.00	-38.01	1.53 H	26	45.53	-96.54
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	-50.00	-13.00	-37.00	1.48 V	311	46.54	-96.54

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.

LTE Band 4, Channel Bandwidth 20MHz

Mode	TX channel 20050 (1720.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-51.24	-13.00	-38.24	1.52 H	27	45.54	-96.78
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3440.00	-50.17	-13.00	-37.17	1.57 V	306	46.61	-96.78

Remarks:

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

Mode	TX channel 20175 (1732.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-50.88	-13.00	-37.88	1.49 H	33	45.82	-96.70
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	3465.00	-49.97	-13.00	-36.97	1.51 V	311	46.73	-96.70

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.

Mode	TX channel 20300 (1745.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-51.07	-13.00	-38.07	1.51 H	32	45.53	-96.60
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	3490.00	-50.05	-13.00	-37.05	1.58 V	311	46.55	-96.60

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.

LTE Band 7, Channel Bandwidth 5MHz

Mode	TX channel 20775 (2502.5MHz)	Frequency Range	1GHz ~ 27GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5005.00	-47.33	-25.00	-22.33	1.96 H	83	45.42	-92.75
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	5005.00	-46.32	-25.00	-21.32	1.01 V	339	46.43	-92.75

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.

Mode	TX channel 21100 (2535.0MHz)	Frequency Range	1GHz ~ 27GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5070.00	-47.33	-25.00	-22.33	1.94 H	91	45.36	-92.69
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5070.00	-46.16	-25.00	-21.16	1.10 V	351	46.53	-92.69

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.

Mode	TX channel 21425 (2567.5MHz)	Frequency Range	1GHz ~ 27GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5135.00	-47.15	-25.00	-22.15	1.94 H	85	45.33	-92.48
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5135.00	-45.96	-25.00	-20.96	1.05 V	344	46.52	-92.48

Remarks:

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

LTE Band 7, Channel Bandwidth 20MHz

Mode	TX channel 20850 (2510.0MHz)	Frequency Range	1GHz ~ 27GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5020.00	-47.31	-25.00	-22.31	1.92 H	83	45.43	-92.74
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	5020.00	-46.03	-25.00	-21.03	1.06 V	341	46.71	-92.74

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.

Mode	TX channel 21100 (2535.0MHz)	Frequency Range	1GHz ~ 27GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5070.00	-47.07	-25.00	-22.07	1.85 H	88	45.62	-92.69
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5070.00	-46.07	-25.00	-21.07	1.05 V	337	46.62	-92.69

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.

Mode	TX channel 21350 (2560.0MHz)	Frequency Range	1GHz ~ 27GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5120.00	-47.13	-25.00	-22.13	1.93 H	83	45.41	-92.54
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5120.00	-46.03	-25.00	-21.03	1.03 V	341	46.51	-92.54

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.

LTE Band 12, Channel Bandwidth 1.4MHz

Mode	TX channel 23017 (699.7MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-59.82	-13.00	-46.82	1.11 H	161	44.47	-104.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1399.40	-58.24	-13.00	-45.24	1.43 V	213	46.05	-104.29

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.

Mode	TX channel 23095 (707.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-59.81	-13.00	-46.81	1.08 H	162	44.44	-104.25
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	-58.21	-13.00	-45.21	1.41 V	210	46.04	-104.25

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.

Mode	TX channel 23173 (715.3MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-59.79	-13.00	-46.79	1.08 H	165	44.43	-104.22
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	-58.16	-13.00	-45.16	1.43 V	212	46.06	-104.22

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.

LTE Band 12, Channel Bandwidth 5MHz

Mode	TX channel 23035 (701.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-59.87	-13.00	-46.87	1.06 H	160	44.42	-104.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1403.00	-58.17	-13.00	-45.17	1.50 V	210	46.12	-104.29

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.

Mode	TX channel 23095 (707.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-59.85	-13.00	-46.85	1.03 H	159	44.40	-104.25
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	-58.21	-13.00	-45.21	1.47 V	215	46.04	-104.25

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.

Mode	TX channel 23155 (713.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-59.77	-13.00	-46.77	1.05 H	165	44.46	-104.23
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	-58.20	-13.00	-45.20	1.41 V	213	46.03	-104.23

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.

LTE Band 12, Channel Bandwidth 10MHz

Mode	TX channel 23060 (704.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-59.84	-13.00	-46.84	1.04 H	160	44.43	-104.27
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1408.00	-58.17	-13.00	-45.17	1.48 V	210	46.10	-104.27

Remarks:

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

Mode	TX channel 23095 (707.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-59.57	-13.00	-46.57	1.04 H	165	44.68	-104.25
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	-58.02	-13.00	-45.02	1.48 V	216	46.23	-104.25

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.

Mode	TX channel 23130 (711.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-59.86	-13.00	-46.86	1.07 H	159	44.38	-104.24
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	-58.17	-13.00	-45.17	1.41 V	212	46.07	-104.24

Remarks:

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

LTE Band 13, Channel Bandwidth 5MHz

Mode	TX channel 23205 (779.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1559.00	-56.81	-40.00	-16.81	2.39 H	182	45.18	-101.99
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1559.00	-55.68	-40.00	-15.68	1.45 V	19	46.31	-101.99

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.

Mode	TX channel 23230 (782.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1564.00	-56.74	-40.00	-16.74	2.42 H	181	45.23	-101.97
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1564.00	-55.72	-40.00	-15.72	1.42 V	13	46.25	-101.97

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.

Mode	TX channel 23255 (784.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1569.00	-56.69	-40.00	-16.69	2.46 H	181	45.27	-101.96
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1569.00	-55.59	-40.00	-15.59	1.48 V	16	46.37	-101.96

Remarks:

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

LTE Band 13, Channel Bandwidth 10MHz

Mode	TX channel 23230 (782.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1564.00	-56.43	-40.00	-16.43	2.43 H	184	45.54	-101.97
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1564.00	-55.36	-40.00	-15.36	1.41 V	22	46.61	-101.97

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.

LTE Band 66, Channel Bandwidth 1.4MHz

Mode	TX channel 131979 (1710.7MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-51.68	-13.00	-38.68	1.95 H	136	45.12	-96.80
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	-50.31	-13.00	-37.31	1.02 V	55	46.49	-96.80

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.

Mode	TX channel 132322 (1745.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-51.48	-13.00	-38.48	1.94 H	128	45.12	-96.60
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	3490.00	-50.13	-13.00	-37.13	1.03 V	55	46.47	-96.60

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.

Mode	TX channel 132665 (1779.3MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-51.32	-13.00	-38.32	1.94 H	134	45.10	-96.42
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	-49.96	-13.00	-36.96	1.02 V	53	46.46	-96.42

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.

LTE Band 66, Channel Bandwidth 5MHz

Mode	TX channel 131997 (1712.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-51.75	-13.00	-38.75	1.94 H	133	45.04	-96.79
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	3425.00	-50.33	-13.00	-37.33	1.02 V	52	46.46	-96.79

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.

Mode	TX channel 132322 (1745.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-51.57	-13.00	-38.57	1.95 H	133	45.03	-96.60
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	3490.00	-50.03	-13.00	-37.03	1.06 V	51	46.57	-96.60

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.

Mode	TX channel 132647 (1777.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-51.32	-13.00	-38.32	1.95 H	136	45.11	-96.43
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	-49.98	-13.00	-36.98	1.00 V	57	46.45	-96.43

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.

LTE Band 66, Channel Bandwidth 20MHz

Mode	TX channel 132072 (1720.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-51.74	-13.00	-38.74	1.92 H	133	45.04	-96.78
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3440.00	-50.22	-13.00	-37.22	1.03 V	59	46.56	-96.78

Remarks:

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

Mode	TX channel 132322 (1745.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-51.24	-13.00	-38.24	1.89 H	135	45.36	-96.60
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	3490.00	-49.94	-13.00	-36.94	1.01 V	56	46.66	-96.60

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.

Mode	TX channel 132572 (1770.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-51.34	-13.00	-38.34	1.88 H	133	45.13	-96.47
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	-50.02	-13.00	-37.02	1.06 V	57	46.45	-96.47

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.

LTE Band 71, Channel Bandwidth 5MHz

Mode	TX channel 133147 (665.5MHz)	Frequency Range	1GHz ~ 7GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-59.04	-13.00	-46.04	1.51 H	112	45.21	-104.25
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	-58.02	-13.00	-45.02	1.01 V	203	46.23	-104.25

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.

Mode	TX channel 133297 (680.5MHz)	Frequency Range	1GHz ~ 7GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-58.92	-13.00	-45.92	1.53 H	112	45.28	-104.20
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1361.00	-57.87	-13.00	-44.87	1.01 V	204	46.33	-104.20

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.

Mode	TX channel 133447 (695.5MHz)	Frequency Range	1GHz ~ 7GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-59.03	-13.00	-46.03	1.52 H	116	45.24	-104.27
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1391.00	-58.00	-13.00	-45.00	1.05 V	206	46.27	-104.27

Remarks:

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

LTE Band 71, Channel Bandwidth 20MHz

Mode	TX channel 133222 (673.0MHz)	Frequency Range	1GHz ~ 7GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-58.96	-13.00	-45.96	1.51 H	106	45.24	-104.20
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1346.00	-57.91	-13.00	-44.91	1.02 V	188	46.29	-104.20

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.

Mode	TX channel 133297 (680.5MHz)	Frequency Range	1GHz ~ 7GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-58.65	-13.00	-45.65	1.49 H	114	45.55	-104.20
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1361.00	-57.71	-13.00	-44.71	1.08 V	201	46.49	-104.20

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.

Mode	TX channel 133372 (688.0MHz)	Frequency Range	1GHz ~ 7GHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-59.01	-13.00	-46.01	1.45 H	111	45.23	-104.24
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1376.00	-57.96	-13.00	-44.96	1.04 V	201	46.28	-104.24

Remarks:

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

5 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo).

Appendix – 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 and approved according to ISO/IEC 17025.

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

Lin Kou EMC/RF Lab
Tel: 886-2-26052180
Fax: 886-2-26051924

Hsin Chu EMC/RF/Telecom Lab
Tel: 886-3-6668565
Fax: 886-3-6668323

Hwa Ya EMC/RF/Safety Lab
Tel: 886-3-3183232
Fax: 886-3-3270892

Email: service.adt@tw.bureauveritas.com
Web Site: www.bureauveritas-adt.com

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

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