Partial FCC Test Report
(Part 24 – LTE B2/B25)

Report No.: RFBDTL-WTW-P21060469-5

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

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Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
Lin Kou Laboratories

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FCC Registration / Designation Number: 281270 / TW0032

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Release Control Record

Issue No.	Description	Date Issued
RFBDTL-WTW-P21060469-5	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 24, Subpart E

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

Applied Standard: FCC Part 24 & Part 2			
FCC Clause	Test Item	Result	Remarks
2.1046 24.232	Effective Isotropically Radiated Power	Pass	Meet the requirement of limit.
2.1046 24.232 (d)	Peak To Average Ratio	N/A	Refer to Note
2.1047	Modulation Characteristics	N/A	Refer to Note
2.1055 24.235	Frequency Stability	N/A	Refer to Note
2.1049	Occupied Bandwidth	N/A	Refer to Note
24.238	Band Edge Measurements	N/A	Refer to Note
2.1051 24.238	Conducted Spurious Emissions	N/A	Refer to Note
2.1053 24.238	Radiated Spurious Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -18.31dB 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.

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 2 (Channel Bandwidth 1.4MHz)	1850.7MHz ~ 1909.3MHz
	LTE Band 2 (Channel Bandwidth 3MHz)	1851.5MHz ~ 1908.5MHz
	LTE Band 2 (Channel Bandwidth 5MHz)	1852.5MHz ~ 1907.5MHz
	LTE Band 2 (Channel Bandwidth 10MHz)	1855.0MHz ~ 1905.0MHz
	LTE Band 2 (Channel Bandwidth 15MHz)	1857.5MHz ~ 1902.5MHz
	LTE Band 2 (Channel Bandwidth 20MHz)	1860.0MHz ~ 1900.0MHz
	LTE Band 25 (Channel Bandwidth 1.4MHz)	1850.7MHz ~ 1914.3MHz
	LTE Band 25 (Channel Bandwidth 3MHz)	1851.5MHz ~ 1913.5MHz
	LTE Band 25 (Channel Bandwidth 5MHz)	1852.5MHz ~ 1912.5MHz
	LTE Band 25 (Channel Bandwidth 10MHz)	1855.0MHz ~ 1910.0MHz
	LTE Band 25 (Channel Bandwidth 15MHz)	1857.5MHz ~ 1907.5MHz
	LTE Band 25 (Channel Bandwidth 20MHz)	1860.0MHz ~ 1905.0MHz

		QPSK	16QAM	64QAM
Max. EIRP Power (EUT + Antenna 1 (Main Source))	LTE Band 2 (Channel Bandwidth 1.4MHz)	203.704mW (23.09dBm)	162.930mW (22.12dBm)	131.220mW (21.18dBm)
	LTE Band 2 (Channel Bandwidth 3MHz)	205.589mW (23.13dBm)	170.608mW (22.32dBm)	138.995mW (21.43dBm)
	LTE Band 2 (Channel Bandwidth 5MHz)	204.644mW (23.11dBm)	173.780mW (22.40dBm)	135.831mW (21.33dBm)
	LTE Band 2 (Channel Bandwidth 10MHz)	204.644mW (23.11dBm)	171.396mW (22.34dBm)	129.718mW (21.13dBm)
	LTE Band 2 (Channel Bandwidth 15MHz)	210.863mW (23.24dBm)	165.196mW (22.18dBm)	133.660mW (21.26dBm)
	LTE Band 2 (Channel Bandwidth 20MHz)	212.814mW (23.28dBm)	164.816mW (22.17dBm)	129.122mW (21.11dBm)
	LTE Band 25 (Channel Bandwidth 1.4MHz)	204.644mW (23.11dBm)	169.824mW (22.30dBm)	141.579mW (21.51dBm)
	LTE Band 25 (Channel Bandwidth 3MHz)	206.063mW (23.14dBm)	170.608mW (22.32dBm)	140.281mW (21.47dBm)
	LTE Band 25 (Channel Bandwidth 5MHz)	204.644mW (23.11dBm)	177.011mW (22.48dBm)	138.676mW (21.42dBm)
	LTE Band 25 (Channel Bandwidth 10MHz)	204.174mW (23.10dBm)	170.608mW (22.32dBm)	133.352mW (21.25dBm)
	LTE Band 25 (Channel Bandwidth 15MHz)	210.378mW (23.23dBm)	186.638mW (22.71dBm)	148.252mW (21.71dBm)
	LTE Band 25 (Channel Bandwidth 20MHz)	212.814mW (23.28dBm)	196.336mW (22.93dBm)	143.880mW (21.58dBm)

		QPSK	16QAM	64QAM
Max. EIRP Power (EUT + Antenna 2 (2nd Source))	LTE Band 2 (Channel Bandwidth 1.4MHz)	200.909mW (23.03dBm)	171.396mW (22.34dBm)	135.519mW (21.32dBm)
	LTE Band 2 (Channel Bandwidth 3MHz)	205.116mW (23.12dBm)	170.216mW (22.31dBm)	139.959mW (21.46dBm)
	LTE Band 2 (Channel Bandwidth 5MHz)	202.302mW (23.06dBm)	167.494mW (22.24dBm)	134.276mW (21.28dBm)
	LTE Band 2 (Channel Bandwidth 10MHz)	204.644mW (23.11dBm)	169.044mW (22.28dBm)	132.739mW (21.23dBm)
	LTE Band 2 (Channel Bandwidth 15MHz)	210.378mW (23.23dBm)	166.725mW (22.22dBm)	135.519mW (21.32dBm)
	LTE Band 2 (Channel Bandwidth 20MHz)	213.304mW (23.29dBm)	172.584mW (22.37dBm)	133.045mW (21.24dBm)
	LTE Band 25 (Channel Bandwidth 1.4MHz)	200.909mW (23.03dBm)	169.824mW (22.30dBm)	141.579mW (21.51dBm)
	LTE Band 25 (Channel Bandwidth 3MHz)	204.174mW (23.10dBm)	170.216mW (22.31dBm)	140.605mW (21.48dBm)
	LTE Band 25 (Channel Bandwidth 5MHz)	203.704mW (23.09dBm)	178.238mW (22.51dBm)	138.357mW (21.41dBm)
	LTE Band 25 (Channel Bandwidth 10MHz)	201.837mW (23.05dBm)	171.002mW (22.33dBm)	132.739mW (21.23dBm)
	LTE Band 25 (Channel Bandwidth 15MHz)	202.768mW (23.07dBm)	182.390mW (22.61dBm)	141.906mW (21.52dBm)
	LTE Band 25 (Channel Bandwidth 20MHz)	207.491mW (23.17dBm)	190.985mW (22.81dBm)	145.881mW (21.64dBm)

		QPSK	16QAM	64QAM
Max. EIRP Power (EUT + Antenna 3)	LTE Band 2 (Channel Bandwidth 1.4MHz)	203.236mW (23.08dBm)	169.044mW (22.28dBm)	133.352mW (21.25dBm)
	LTE Band 2 (Channel Bandwidth 3MHz)	207.014mW (23.16dBm)	164.059mW (22.15dBm)	133.968mW (21.27dBm)
	LTE Band 2 (Channel Bandwidth 5MHz)	205.116mW (23.12dBm)	170.216mW (22.31dBm)	138.995mW (21.43dBm)
	LTE Band 2 (Channel Bandwidth 10MHz)	204.644mW (23.11dBm)	171.791mW (22.35dBm)	132.739mW (21.23dBm)
	LTE Band 2 (Channel Bandwidth 15MHz)	209.894mW (23.22dBm)	165.577mW (22.19dBm)	129.420mW (21.12dBm)
	LTE Band 2 (Channel Bandwidth 20MHz)	211.349mW (23.25dBm)	168.267mW (22.26dBm)	133.660mW (21.26dBm)
	LTE Band 25 (Channel Bandwidth 1.4MHz)	201.372mW (23.04dBm)	170.216mW (22.31dBm)	141.906mW (21.52dBm)
	LTE Band 25 (Channel Bandwidth 3MHz)	203.704mW (23.09dBm)	169.044mW (22.28dBm)	138.676mW (21.42dBm)
	LTE Band 25 (Channel Bandwidth 5MHz)	203.236mW (23.08dBm)	177.419mW (22.49dBm)	139.316mW (21.44dBm)
	LTE Band 25 (Channel Bandwidth 10MHz)	203.704mW (23.09dBm)	170.216mW (22.31dBm)	133.045mW (21.24dBm)
	LTE Band 25 (Channel Bandwidth 15MHz)	205.116mW (23.12dBm)	179.061mW (22.53dBm)	138.995mW (21.43dBm)
	LTE Band 25 (Channel Bandwidth 20MHz)	209.411mW (23.21dBm)	176.604mW (22.47dBm)	136.144mW (21.34dBm)
Antenna Type	Refer to note			
Antenna Connector	Refer to note			
Accessory Device	NA			
Cable Supplied	NA			

Note:

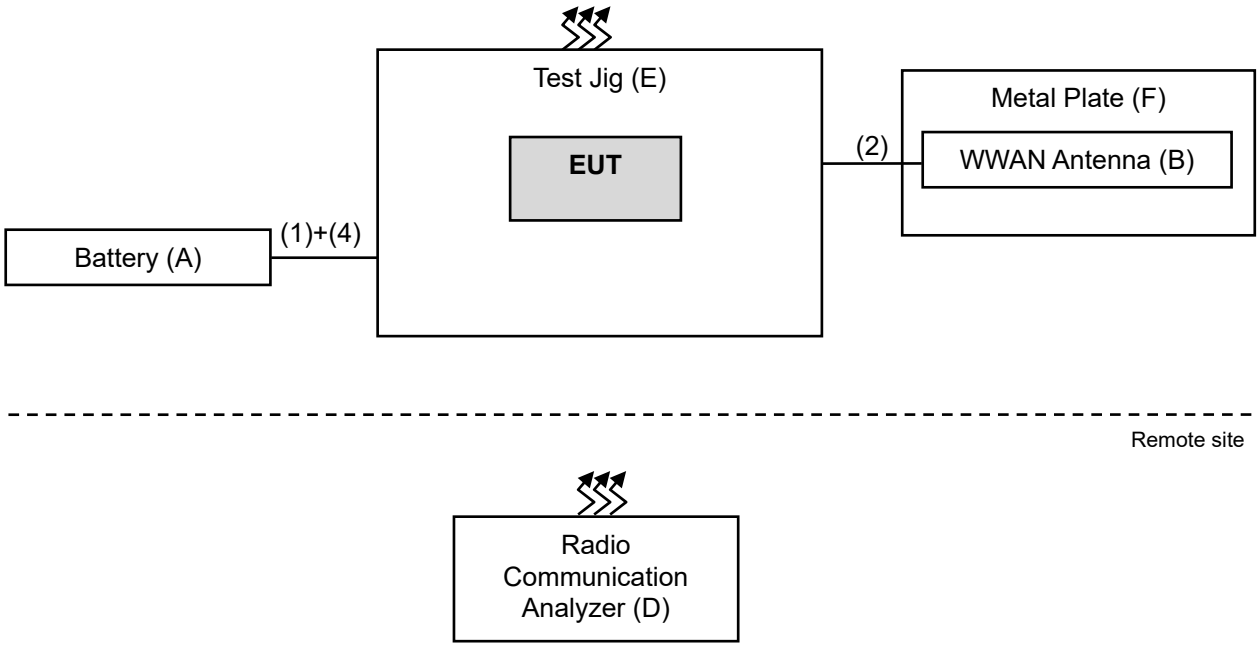
1. The differences compared with the original report are added antennas. Only test item of Effective Radiated Power and Radiated Emissions were performed for this report. Other testing data please refer to MRT Technology (Suzhou) Co., Ltd. report no.: 2101RSU050-U6 V01 for module (Brand: Quectel, Model: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

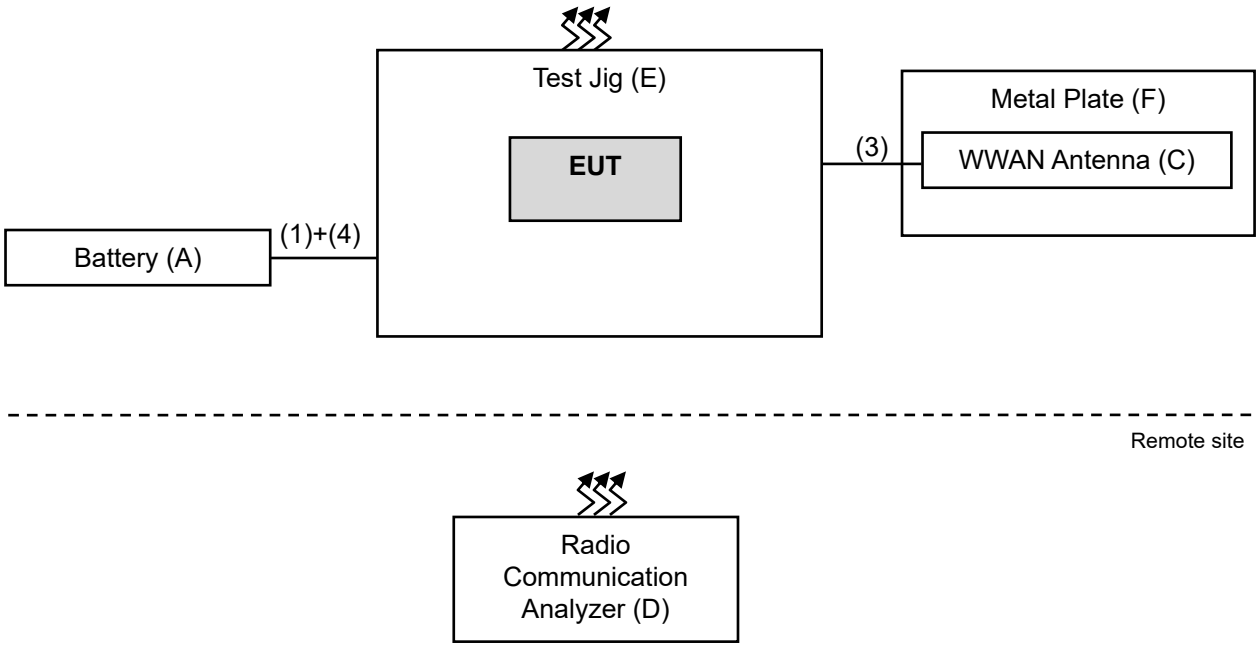
* Antenna 2 was provided by the manufacturer for verified test.
* max. gain for each band was chosen to final test.
* The above Antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held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

EUT Configure Mode	Test item	Available channel	Tested Channel	Channel Bandwidth	Modulation	RB #
-	EIRP	18607 to 19193	18607 (1850.7MHz), 18900 (1880.0MHz), 19193 (1909.3MHz)	1.4MHz	QPSK / 16QAM / 64QAM	1
		18615 to 19185	18615 (1851.5MHz), 18900 (1880.0MHz), 19185 (1908.5MHz)	3MHz	QPSK / 16QAM / 64QAM	1
		18625 to 19175	18625 (1852.5MHz), 18900 (1880.0MHz), 19175 (1907.5MHz)	5MHz	QPSK / 16QAM / 64QAM	1
		18650 to 19150	18650 (1855.0MHz), 18900 (1880.0MHz), 19150 (1905.0MHz)	10MHz	QPSK / 16QAM / 64QAM	1
		18675 to 19125	18675 (1857.5MHz), 18900 (1880.0MHz), 19125 (1902.5MHz)	15MHz	QPSK / 16QAM / 64QAM	1
		18700 to 19100	18700 (1860.0MHz), 18900 (1880.0MHz), 19100 (1900.0MHz)	20MHz	QPSK / 16QAM / 64QAM	1
-	Radiated Emission Below 1GHz	18625 to 19175	19175 (1907.5MHz)	5MHz	QPSK	1
-	Radiated Emission Above 1GHz	18607 to 19193	18607 (1850.7MHz), 18900 (1880.0MHz), 19193 (1909.3MHz)	1.4MHz	QPSK	1
		18625 to 19175	18625 (1852.5MHz), 18900 (1880.0MHz), 19175 (1907.5MHz)	5MHz	QPSK	1
		18700 to 19100	18700 (1860.0MHz), 18900 (1880.0MHz), 19100 (1900.0MHz)	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 25

EUT Configure Mode	Test item	Available channel	Tested Channel	Channel Bandwidth	Modulation	RB #
-	EIRP	26047 to 26683	26047 (1850.7MHz), 26365 (1882.5MHz), 26683 (1914.3MHz)	1.4MHz	QPSK / 16QAM / 64QAM	1
		26055 to 26675	26055 (1851.5MHz), 26365 (1882.5MHz), 26675 (1913.5MHz)	3MHz	QPSK / 16QAM / 64QAM	1
		26065 to 26665	26065 (1852.5MHz), 26365 (1882.5MHz), 26665 (1912.5MHz)	5MHz	QPSK / 16QAM / 64QAM	1
		26090 to 26640	26090 (1855.0MHz), 26365 (1882.5MHz), 26640 (1910.0MHz)	10MHz	QPSK / 16QAM / 64QAM	1
		26115 to 26615	26115 (1857.5MHz), 26365 (1882.5MHz), 26615 (1907.5MHz)	15MHz	QPSK / 16QAM / 64QAM	1
		26140 to 26590	26140 (1860.0MHz), 26365 (1882.5MHz), 26590 (1905.0MHz)	20MHz	QPSK / 16QAM / 64QAM	1
-	Radiated Emission Below 1GHz	26065 to 26665	26665 (1912.5MHz)	5MHz	QPSK	1
-	Radiated Emission Above 1GHz	26047 to 26683	26047 (1850.7MHz), 26365 (1882.5MHz), 26683 (1914.3MHz)	1.4MHz	QPSK	1
		26065 to 26665	26065 (1852.5MHz), 26365 (1882.5MHz), 26665 (1912.5MHz)	5MHz	QPSK	1
		26140 to 26590	26140 (1860.0MHz), 26365 (1882.5MHz), 26590 (1905.0MHz)	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.

Test Condition:

Test Item	Environmental Conditions	Input Power	Tested By
EIRP	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:

Test Standard:

FCC 47 CFR Part 2

FCC 47 CFR Part 24

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 and recorded as per the above standards.

4 Test Types and Results

4.1 Output Power Measurement

4.1.1 Limits of Output Power Measurement

Mobile / Portable station are limited to 2 watts e.i.r.p.

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.

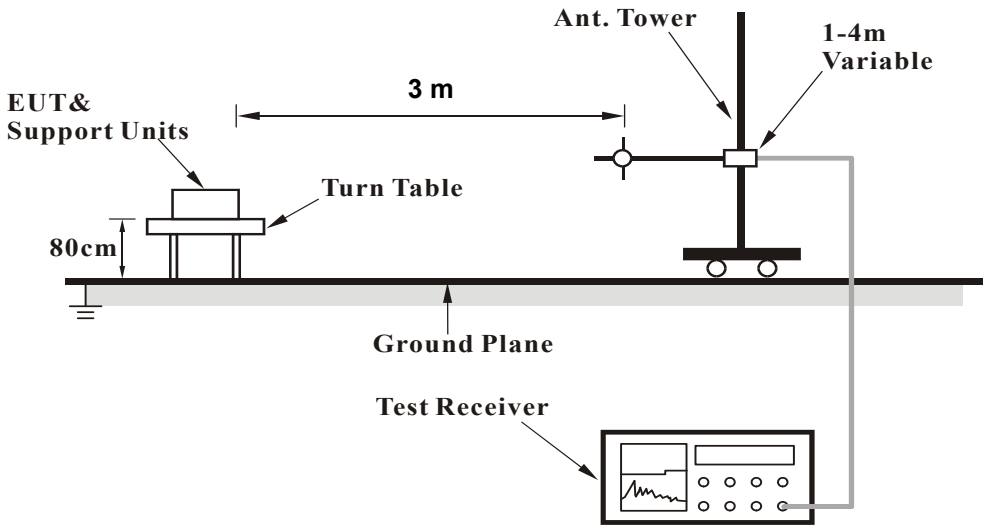
b. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

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.

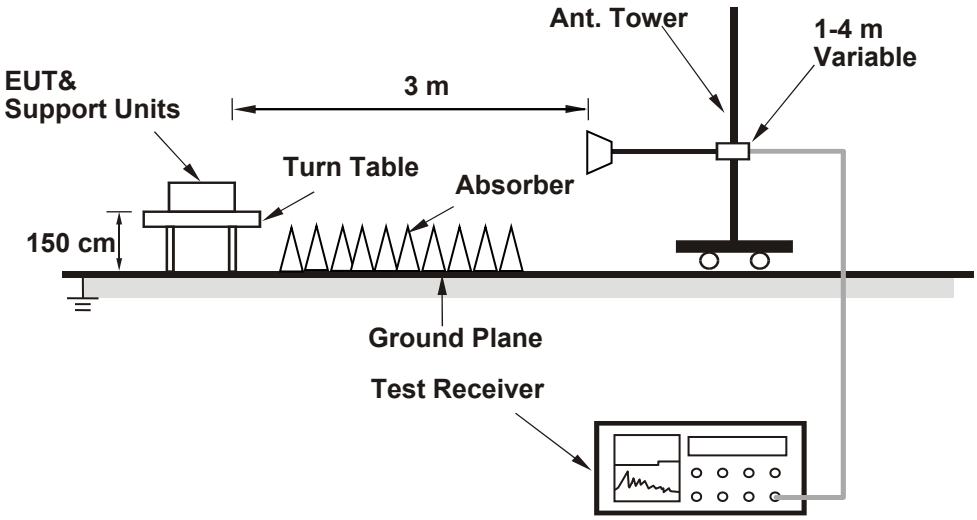
d. Following C63.26 section 5.5 and 5.2.7
   - EIRP (dBm) = E (dBμV/m) + 20log(D) - 104.8; where D is the measurement distance (in the far field region) in m.
   - ERP (dBm) = E (dBμV/m) + 20log(D) - 104.8 - 2.15; where D is the measurement distance (in the far field region) in m.

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 Power (dBm)

EUT + Antenna 1 (Main Source)

Modulation Type: QPSK

LTE Band 2, Channel Bandwidth 1.4MHz

Mode	TX channel 18607, 18900, 19193							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	17.00	33.00	-16.00	3.98 H	3	82.90	-65.90
2	1880.00	17.27	33.00	-15.73	3.92 H	8	82.83	-65.56
3	1909.30	17.55	33.00	-15.45	3.98 H	1	82.84	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	22.66	33.00	-10.34	3.94 V	10	88.56	-65.90
2	1880.00	23.08	33.00	-9.92	3.91 V	6	88.64	-65.56
3	1909.30	23.09	33.00	-9.91	4.00 V	11	88.38	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 3MHz

Mode	TX channel 18615, 18900, 19185							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	17.00	33.00	-16.00	3.98 H	1	82.89	-65.89
2	1880.00	17.24	33.00	-15.76	3.96 H	6	82.80	-65.56
3	1908.50	17.58	33.00	-15.42	3.91 H	4	82.87	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	22.65	33.00	-10.35	3.94 V	11	88.54	-65.89
2	1880.00	23.08	33.00	-9.90	3.92 V	4	88.64	-65.56
3	1908.50	23.13	33.00	-9.87	3.94 V	6	88.41	-65.28

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

LTE Band 2, Channel Bandwidth 5MHz

Mode	TX channel 18625, 18900, 19175							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	17.02	33.00	-15.98	3.91 H	7	82.90	-65.88
2	1880.00	17.29	33.00	-15.71	3.95 H	8	82.85	-65.56
3	1907.50	17.59	33.00	-15.41	3.97 H	7	82.88	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	22.68	33.00	-10.32	3.94 V	11	88.56	-65.88
2	1880.00	22.85	33.00	-10.15	3.92 V	4	88.41	-65.56
3	1907.50	23.11	33.00	-9.89	3.94 V	8	88.40	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 10MHz

Mode	TX channel 18650, 18900, 19150							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	16.99	33.00	-16.01	3.93 H	2	82.84	-65.85
2	1880.00	17.34	33.00	-15.66	3.96 H	8	82.90	-65.56
3	1905.00	17.54	33.00	-15.46	3.95 H	2	82.84	-65.30
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	22.70	33.00	-10.30	3.94 V	5	88.55	-65.85
2	1880.00	22.95	33.00	-10.05	3.95 V	4	88.51	-65.56
3	1905.00	23.11	33.00	-9.89	3.96 V	9	88.41	-65.30

Remarks:

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

LTE Band 2, Channel Bandwidth 15MHz

Mode	TX channel 18675, 18900, 19125							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	16.99	33.00	-16.01	3.93 H	1	82.82	-65.83
2	1880.00	17.34	33.00	-15.66	3.95 H	6	82.90	-65.56
3	1902.50	17.56	33.00	-15.44	3.99 H	8	82.88	-65.32
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	22.71	33.00	-10.29	3.91 V	4	88.54	-65.83
2	1880.00	23.05	33.00	-9.95	3.94 V	9	88.61	-65.56
3	1902.50	23.24	33.00	-9.76	4.00 V	5	88.56	-65.32

Remarks:

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

LTE Band 2, Channel Bandwidth 20MHz

Mode	TX channel 18675, 18900, 19125							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	17.09	33.00	-15.91	3.98 H	5	82.88	-65.79
2	1880.00	17.54	33.00	-15.46	3.99 H	7	83.10	-65.56
3	1900.00	17.49	33.00	-15.51	3.94 H	5	82.82	-65.33
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	22.81	33.00	-10.19	3.97 V	7	88.60	-65.79
2	1880.00	23.18	33.00	-9.82	3.98 V	6	88.74	-65.56
3	1900.00	23.28	33.00	-9.72	3.92 V	5	88.61	-65.33

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 1.4MHz

Mode	TX channel 18607, 18900, 19193							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	15.89	33.00	-17.11	3.93 H	2	81.79	-65.90
2	1880.00	16.20	33.00	-16.80	3.92 H	6	81.76	-65.56
3	1909.30	16.41	33.00	-16.59	3.99 H	3	81.70	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	21.50	33.00	-11.50	3.96 V	10	87.40	-65.90
2	1880.00	21.97	33.00	-11.03	3.91 V	5	87.53	-65.56
3	1909.30	22.12	33.00	-10.88	3.94 V	6	87.41	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 3MHz

Mode	TX channel 18615, 18900, 19185							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	16.00	33.00	-17.00	1.00 H	6	81.89	-65.89
2	1880.00	16.41	33.00	-16.59	3.95 H	8	81.97	-65.56
3	1908.50	16.78	33.00	-16.22	3.90 H	8	82.07	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	21.85	33.00	-11.15	4.00 V	4	87.74	-65.89
2	1880.00	21.89	33.00	-11.11	3.91 V	6	87.45	-65.56
3	1908.50	22.32	33.00	-10.68	3.95 V	6	87.61	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 5MHz

Mode	TX channel 18625, 18900, 19175							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	16.13	33.00	-16.87	3.97 H	5	82.01	-65.88
2	1880.00	16.31	33.00	-16.69	4.00 H	4	81.87	-65.56
3	1907.50	16.71	33.00	-16.29	4.00 H	7	82.00	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	21.63	33.00	-11.37	3.93 V	11	87.51	-65.88
2	1880.00	22.04	33.00	-10.96	3.99 V	4	87.60	-65.56
3	1907.50	22.40	33.00	-10.60	3.91 V	10	87.69	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 10MHz

Mode	TX channel 18650, 18900, 19150							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	16.16	33.00	-16.84	3.91 H	2	82.01	-65.85
2	1880.00	16.21	33.00	-16.79	3.97 H	1	81.77	-65.56
3	1905.00	16.53	33.00	-16.47	4.00 H	2	81.83	-65.30
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	21.71	33.00	-11.29	3.92 V	6	87.56	-65.85
2	1880.00	22.04	33.00	-10.96	3.94 V	10	87.60	-65.56
3	1905.00	22.34	33.00	-10.66	3.99 V	10	87.64	-65.30

Remarks:

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

LTE Band 2, Channel Bandwidth 15MHz

Mode	TX channel 18675, 18900, 19125							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	15.83	33.00	-17.17	4.00 H	1	81.66	-65.83
2	1880.00	16.31	33.00	-16.69	4.00 H	6	81.87	-65.56
3	1902.50	16.57	33.00	-16.43	3.93 H	7	81.89	-65.32
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	21.82	33.00	-11.18	3.95 V	4	87.65	-65.83
2	1880.00	21.98	33.00	-11.02	3.94 V	7	87.54	-65.56
3	1902.50	22.18	33.00	-10.82	3.97 V	8	87.50	-65.32

Remarks:

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

LTE Band 2, Channel Bandwidth 20MHz

Mode	TX channel 18675, 18900, 19125							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	16.22	33.00	-16.78	3.90 H	3	82.01	-65.79
2	1880.00	16.46	33.00	-16.54	3.99 H	8	82.02	-65.56
3	1900.00	16.51	33.00	-16.49	4.00 H	5	81.84	-65.33
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	21.72	33.00	-11.28	3.93 V	7	87.51	-65.79
2	1880.00	22.07	33.00	-10.93	3.95 V	9	87.63	-65.56
3	1900.00	22.17	33.00	-10.83	3.94 V	8	87.50	-65.33

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 1.4MHz

Mode	TX channel 18607, 18900, 19193							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	14.80	33.00	-18.20	3.94 H	7	80.70	-65.90
2	1880.00	15.26	33.00	-17.74	3.97 H	7	80.82	-65.56
3	1909.30	15.56	33.00	-17.44	3.92 H	6	80.85	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	20.67	33.00	-12.33	3.91 V	8	86.57	-65.90
2	1880.00	21.02	33.00	-11.98	3.94 V	7	86.58	-65.56
3	1909.30	21.18	33.00	-11.82	3.94 V	4	86.47	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 3MHz

Mode	TX channel 18615, 18900, 19185							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	14.98	33.00	-18.02	3.94 H	5	80.87	-65.89
2	1880.00	15.55	33.00	-17.45	3.96 H	1	81.11	-65.56
3	1908.50	15.73	33.00	-17.27	3.92 H	6	81.02	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	21.04	33.00	-11.96	3.91 V	5	86.93	-65.89
2	1880.00	20.88	33.00	-12.12	3.94 V	9	86.44	-65.56
3	1908.50	21.43	33.00	-11.57	3.94 V	10	86.72	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 5MHz

Mode	TX channel 18625, 18900, 19175							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	15.23	33.00	-17.77	3.97 H	3	81.11	-65.88
2	1880.00	15.28	33.00	-17.72	3.94 H	5	80.84	-65.56
3	1907.50	15.70	33.00	-17.30	3.98 H	4	80.99	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	20.43	33.00	-12.57	4.00 V	11	86.31	-65.88
2	1880.00	21.22	33.00	-11.78	3.92 V	9	86.78	-65.56
3	1907.50	21.33	33.00	-11.67	3.95 V	9	86.62	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 10MHz

Mode	TX channel 18650, 18900, 19150							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	15.00	33.00	-18.00	3.93 H	6	80.85	-65.85
2	1880.00	15.02	33.00	-17.98	3.93 H	7	80.58	-65.56
3	1905.00	15.67	33.00	-17.33	4.00 H	4	80.97	-65.30
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	20.74	33.00	-12.26	3.97 V	7	86.59	-65.85
2	1880.00	20.98	33.00	-12.02	4.00 V	6	86.54	-65.56
3	1905.00	21.13	33.00	-11.87	3.96 V	8	86.43	-65.30

Remarks:

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

LTE Band 2, Channel Bandwidth 15MHz

Mode	TX channel 18675, 18900, 19125							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	14.97	33.00	-18.03	4.00 H	5	80.80	-65.83
2	1880.00	15.34	33.00	-17.66	4.00 H	5	80.90	-65.56
3	1902.50	15.43	33.00	-17.57	3.90 H	2	80.75	-65.32
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	20.90	33.00	-12.10	3.91 V	11	86.73	-65.83
2	1880.00	21.15	33.00	-11.85	3.96 V	11	86.71	-65.56
3	1902.50	21.26	33.00	-11.74	3.96 V	11	86.58	-65.32

Remarks:

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

LTE Band 2, Channel Bandwidth 20MHz

Mode	TX channel 18675, 18900, 19125							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	15.17	33.00	-17.83	3.99 H	3	80.96	-65.79
2	1880.00	15.55	33.00	-17.45	4.00 H	4	81.11	-65.56
3	1900.00	15.59	33.00	-17.41	3.95 H	5	80.92	-65.33
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	20.59	33.00	-12.41	3.98 V	4	86.38	-65.79
2	1880.00	21.02	33.00	-11.98	3.98 V	5	86.58	-65.56
3	1900.00	21.11	33.00	-11.89	3.98 V	5	86.44	-65.33

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 25, Channel Bandwidth 1.4MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	16.77	33.00	-16.23	3.78 H	20	82.67	-65.90
2	1882.50	17.02	33.00	-15.98	3.77 H	19	82.56	-65.54
3	1914.30	17.33	33.00	-15.67	3.80 H	21	82.59	-65.26
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	1850.70	22.61	33.00	-10.39	2.91 V	351	88.51	-65.90
2	1882.50	22.88	33.00	-10.12	2.90 V	357	88.42	-65.54
3	1914.30	23.11	33.00	-9.89	2.96 V	351	88.37	-65.26

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 25, Channel Bandwidth 3MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	16.45	33.00	-16.55	3.76 H	18	82.34	-65.89
2	1882.50	17.29	33.00	-15.71	3.74 H	19	82.83	-65.54
3	1913.50	17.57	33.00	-15.43	3.76 H	16	82.84	-65.27
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	1851.50	22.65	33.00	-10.35	2.91 V	352	88.54	-65.89
2	1882.50	22.89	33.00	-10.11	2.96 V	356	88.43	-65.54
3	1913.50	23.14	33.00	-9.86	2.94 V	355	88.41	-65.27

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

LTE Band 25, Channel Bandwidth 5MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	17.08	33.00	-15.92	3.92 H	22	82.96	-65.88
2	1882.50	17.42	33.00	-15.58	3.96 H	24	82.96	-65.54
3	1912.50	17.59	33.00	-15.41	3.86 H	23	82.87	-65.28
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	22.69	33.00	-10.31	2.99 V	351	88.57	-65.88
2	1882.50	23.02	33.00	-9.98	2.92 V	350	88.56	-65.54
3	1912.50	23.11	33.00	-9.89	2.90 V	353	88.39	-65.28

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

LTE Band 25, Channel Bandwidth 10MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	16.98	33.00	-16.02	3.80 H	18	82.83	-65.85
2	1882.50	17.33	33.00	-15.67	3.87 H	18	82.87	-65.54
3	1910.00	17.60	33.00	-15.40	3.77 H	16	82.88	-65.28
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	22.72	33.00	-10.28	3.80 V	18	88.57	-65.85
2	1882.50	23.05	33.00	-9.95	3.87 V	18	88.59	-65.54
3	1910.00	23.10	33.00	-9.90	3.77 V	16	88.38	-65.28

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

LTE Band 25, Channel Bandwidth 15MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	17.19	33.00	-15.81	3.73 H	17	83.02	-65.83
2	1882.50	17.39	33.00	-15.61	3.72 H	16	82.93	-65.54
3	1907.50	17.64	33.00	-15.36	3.75 H	18	82.93	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	22.80	33.00	-10.20	2.97 V	357	88.63	-65.83
2	1882.50	23.03	33.00	-9.97	2.97 V	355	88.57	-65.54
3	1907.50	23.23	33.00	-9.77	2.92 V	356	88.52	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 25, Channel Bandwidth 20MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	17.20	33.00	-15.80	3.72 H	21	82.99	-65.79
2	1882.50	17.72	33.00	-15.28	3.82 H	18	83.26	-65.54
3	1905.00	17.73	33.00	-15.27	3.82 H	16	83.03	-65.30
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	22.87	33.00	-10.13	2.99 V	352	88.66	-65.79
2	1882.50	23.21	33.00	-9.79	2.93 V	354	88.75	-65.54
3	1905.00	23.28	33.00	-9.72	2.95 V	357	88.58	-65.30

Remarks:

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

Modulation Type: 16QAM

LTE Band 25, Channel Bandwidth 1.4MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	14.90	33.00	-18.10	3.74 H	21	80.80	-65.90
2	1882.50	15.47	33.00	-17.53	3.80 H	18	81.01	-65.54
3	1914.30	15.62	33.00	-17.38	3.78 H	17	80.88	-65.26
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	1850.70	22.03	33.00	-10.97	2.94 V	353	87.93	-65.90
2	1882.50	22.28	33.00	-10.72	2.95 V	356	87.82	-65.54
3	1914.30	22.30	33.00	-10.70	2.99 V	354	87.56	-65.26

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 25, Channel Bandwidth 3MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	15.19	33.00	-17.81	3.80 H	17	81.08	-65.89
2	1882.50	15.45	33.00	-17.55	3.72 H	17	80.99	-65.54
3	1913.50	15.83	33.00	-17.17	3.79 H	20	81.10	-65.27
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	1851.50	22.21	33.00	-10.79	2.93 V	353	88.10	-65.89
2	1882.50	22.29	33.00	-10.71	2.90 V	354	87.83	-65.54
3	1913.50	22.32	33.00	-10.68	2.98 V	350	87.59	-65.27

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

LTE Band 25, Channel Bandwidth 5MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	14.91	33.00	-18.09	3.78 H	22	80.79	-65.88
2	1882.50	15.62	33.00	-17.38	3.77 H	22	81.16	-65.54
3	1912.50	15.82	33.00	-17.18	3.74 H	19	81.10	-65.28
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	22.08	33.00	-10.92	2.92 V	355	87.96	-65.88
2	1882.50	22.43	33.00	-10.57	2.96 V	357	87.97	-65.54
3	1912.50	22.48	33.00	-10.52	2.89 V	350	87.76	-65.28

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

LTE Band 25, Channel Bandwidth 10MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	15.28	33.00	-17.72	3.72 H	18	81.13	-65.85
2	1882.50	15.33	33.00	-17.67	3.80 H	16	80.87	-65.54
3	1910.00	15.78	33.00	-17.22	3.74 H	19	81.06	-65.28
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	22.09	33.00	-10.91	2.93 V	350	87.94	-65.85
2	1882.50	22.29	33.00	-10.71	2.98 V	350	87.83	-65.54
3	1910.00	22.32	33.00	-10.68	2.96 V	351	87.60	-65.28

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

LTE Band 25, Channel Bandwidth 15MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	15.08	33.00	-17.92	3.80 H	18	80.91	-65.83
2	1882.50	15.63	33.00	-17.37	3.78 H	23	81.17	-65.54
3	1907.50	15.80	33.00	-17.20	3.81 H	23	81.09	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	22.21	33.00	-10.79	2.91 V	355	88.04	-65.83
2	1882.50	22.59	33.00	-10.41	2.99 V	353	88.13	-65.54
3	1907.50	22.71	33.00	-10.29	2.98 V	356	88.00	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 25, Channel Bandwidth 20MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	15.17	33.00	-17.83	3.77 H	23	80.96	-65.79
2	1882.50	15.62	33.00	-17.38	3.77 H	19	81.16	-65.54
3	1905.00	15.65	33.00	-17.35	3.74 H	22	80.95	-65.30
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	22.21	33.00	-10.79	2.94 V	352	88.00	-65.79
2	1882.50	22.87	33.00	-10.13	2.98 V	355	88.41	-65.54
3	1905.00	22.93	33.00	-10.07	2.92 V	354	88.23	-65.30

Remarks:

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

Modulation Type: 64QAM

LTE Band 25, Channel Bandwidth 1.4MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	13.85	33.00	-19.15	3.76 H	21	79.75	-65.90
2	1882.50	14.34	33.00	-18.66	3.82 H	16	79.88	-65.54
3	1914.30	14.73	33.00	-18.27	3.87 H	20	79.99	-65.26
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	1850.70	20.86	33.00	-12.14	2.97 V	357	86.76	-65.90
2	1882.50	21.51	33.00	-11.49	2.96 V	352	87.05	-65.54
3	1914.30	21.47	33.00	-11.53	2.93 V	350	86.73	-65.26

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 25, Channel Bandwidth 3MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	14.03	33.00	-18.97	3.76 H	20	79.92	-65.89
2	1882.50	14.48	33.00	-18.52	3.76 H	21	80.02	-65.54
3	1913.50	14.99	33.00	-18.01	3.75 H	17	80.26	-65.27
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	1851.50	21.21	33.00	-11.79	2.99 V	351	87.10	-65.89
2	1882.50	21.43	33.00	-11.57	2.94 V	356	86.97	-65.54
3	1913.50	21.47	33.00	-11.53	2.89 V	351	86.74	-65.27

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

LTE Band 25, Channel Bandwidth 5MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	13.84	33.00	-19.16	3.81 H	20	79.72	-65.88
2	1882.50	14.73	33.00	-18.27	3.81 H	18	80.27	-65.54
3	1912.50	14.61	33.00	-18.39	3.80 H	16	79.89	-65.28
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	21.26	33.00	-11.74	2.95 V	353	87.14	-65.88
2	1882.50	21.38	33.00	-11.62	2.91 V	354	86.92	-65.54
3	1912.50	21.42	33.00	-11.58	2.92 V	352	86.70	-65.28

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

LTE Band 25, Channel Bandwidth 10MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	14.35	33.00	-18.65	3.73 H	17	80.20	-65.85
2	1882.50	14.15	33.00	-18.85	3.77 H	22	79.69	-65.54
3	1910.00	14.74	33.00	-18.26	3.76 H	18	80.02	-65.28
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	21.23	33.00	-11.77	2.96 V	351	87.08	-65.85
2	1882.50	21.18	33.00	-11.82	2.92 V	352	86.72	-65.54
3	1910.00	21.25	33.00	-11.75	2.93 V	355	86.53	-65.28

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

LTE Band 25, Channel Bandwidth 15MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	14.15	33.00	-18.85	3.76 H	18	79.98	-65.83
2	1882.50	14.49	33.00	-18.51	3.72 H	20	80.03	-65.54
3	1907.50	14.72	33.00	-18.28	3.75 H	17	80.01	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	21.12	33.00	-11.88	2.99 V	356	86.95	-65.83
2	1882.50	21.71	33.00	-11.29	2.93 V	356	87.25	-65.54
3	1907.50	21.71	33.00	-11.29	2.93 V	352	87.00	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 25, Channel Bandwidth 20MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	14.24	33.00	-18.76	3.77 H	19	80.03	-65.79
2	1882.50	14.71	33.00	-18.29	3.77 H	23	80.25	-65.54
3	1905.00	14.69	33.00	-18.31	3.80 H	20	79.99	-65.30
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	21.24	33.00	-11.76	2.98 V	357	87.03	-65.79
2	1882.50	21.44	33.00	-11.56	2.97 V	353	86.98	-65.54
3	1905.00	21.58	33.00	-11.42	2.91 V	352	86.88	-65.30

Remarks:

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

EUT + Antenna 2 (2nd Source)

Modulation Type: QPSK

LTE Band 2, Channel Bandwidth 1.4MHz

Mode	TX channel 18607, 18900, 19193							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	16.56	33.00	-16.44	3.91 H	8	82.46	-65.90
2	1880.00	16.95	33.00	-16.05	3.87 H	7	82.51	-65.56
3	1909.30	17.18	33.00	-15.82	3.89 H	9	82.47	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	22.64	33.00	-10.36	2.95 V	66	88.54	-65.90
2	1880.00	22.98	33.00	-10.02	2.96 V	71	88.54	-65.56
3	1909.30	23.03	33.00	-9.97	2.98 V	67	88.32	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 3MHz

Mode	TX channel 18615, 18900, 19185							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	16.58	33.00	-16.42	3.85 H	7	82.47	-65.89
2	1880.00	16.90	33.00	-16.10	3.87 H	5	82.46	-65.56
3	1908.50	17.19	33.00	-15.81	3.83 H	5	82.48	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	22.61	33.00	-10.39	2.95 V	68	88.50	-65.89
2	1880.00	22.94	33.00	-10.06	2.96 V	65	88.50	-65.56
3	1908.50	23.12	33.00	-9.88	3.00 V	69	88.41	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 5MHz

Mode	TX channel 18625, 18900, 19175							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	16.58	33.00	-16.42	3.84 H	4	82.46	-65.88
2	1880.00	16.96	33.00	-16.04	3.82 H	3	82.52	-65.56
3	1907.50	17.21	33.00	-15.79	3.88 H	2	82.50	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	22.69	33.00	-10.31	3.03 V	67	88.57	-65.88
2	1880.00	22.93	33.00	-10.07	3.03 V	68	88.49	-65.56
3	1907.50	23.06	33.00	-9.94	2.94 V	69	88.35	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 10MHz

Mode	TX channel 18650, 18900, 19150							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	16.63	33.00	-16.37	3.85 H	2	82.48	-65.85
2	1880.00	16.95	33.00	-16.05	3.91 H	5	82.51	-65.56
3	1905.00	17.21	33.00	-15.79	3.83 H	1	82.51	-65.30
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	22.67	33.00	-10.33	2.96 V	72	88.52	-65.85
2	1880.00	22.96	33.00	-10.04	2.99 V	70	88.52	-65.56
3	1905.00	23.11	33.00	-9.89	2.99 V	68	88.41	-65.30

Remarks:

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

LTE Band 2, Channel Bandwidth 15MHz

Mode	TX channel 18675, 18900, 19125							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	16.65	33.00	-16.35	3.89 H	8	82.48	-65.83
2	1880.00	16.90	33.00	-16.10	3.91 H	1	82.46	-65.56
3	1902.50	17.19	33.00	-15.81	3.84 H	5	82.51	-65.32
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	22.65	33.00	-10.35	2.99 V	70	88.48	-65.83
2	1880.00	23.00	33.00	-10.00	3.01 V	65	88.56	-65.56
3	1902.50	23.23	33.00	-9.77	3.00 V	72	88.55	-65.32

Remarks:

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

LTE Band 2, Channel Bandwidth 20MHz

Mode	TX channel 18675, 18900, 19125							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	16.71	33.00	-16.29	3.82 H	3	82.50	-65.79
2	1880.00	17.18	33.00	-15.82	3.89 H	5	82.74	-65.56
3	1900.00	17.19	33.00	-15.81	3.88 H	2	82.52	-65.33
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	22.74	33.00	-10.26	2.95 V	69	88.53	-65.79
2	1880.00	23.11	33.00	-9.89	3.02 V	66	88.67	-65.56
3	1900.00	23.29	33.00	-9.71	3.00 V	72	88.62	-65.33

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 1.4MHz

Mode	TX channel 18607, 18900, 19193							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	15.72	33.00	-17.28	3.89 H	3	81.62	-65.90
2	1880.00	15.92	33.00	-17.08	3.91 H	3	81.48	-65.56
3	1909.30	16.14	33.00	-16.86	3.84 H	8	81.43	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	21.55	33.00	-11.45	2.99 V	67	87.45	-65.90
2	1880.00	21.86	33.00	-11.14	3.02 V	67	87.42	-65.56
3	1909.30	22.34	33.00	-10.66	2.98 V	67	87.63	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 3MHz

Mode	TX channel 18615, 18900, 19185							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	15.71	33.00	-17.29	3.82 H	4	81.60	-65.89
2	1880.00	15.82	33.00	-17.18	3.89 H	7	81.38	-65.56
3	1908.50	16.06	33.00	-16.94	3.81 H	5	81.35	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	21.49	33.00	-11.51	2.98 V	71	87.38	-65.89
2	1880.00	21.91	33.00	-11.09	2.93 V	72	87.47	-65.56
3	1908.50	22.31	33.00	-10.69	3.01 V	70	87.60	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 5MHz

Mode	TX channel 18625, 18900, 19175							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	15.41	33.00	-17.59	3.89 H	6	81.29	-65.88
2	1880.00	15.77	33.00	-17.23	3.81 H	7	81.33	-65.56
3	1907.50	16.38	33.00	-16.62	3.86 H	7	81.67	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	21.55	33.00	-11.45	3.03 V	69	87.43	-65.88
2	1880.00	21.79	33.00	-11.21	3.00 V	67	87.35	-65.56
3	1907.50	22.24	33.00	-10.76	2.97 V	65	87.53	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 10MHz

Mode	TX channel 18650, 18900, 19150							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	15.67	33.00	-17.33	3.86 H	6	81.52	-65.85
2	1880.00	16.03	33.00	-16.97	3.83 H	3	81.59	-65.56
3	1905.00	16.32	33.00	-16.68	3.90 H	5	81.62	-65.30
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	21.62	33.00	-11.38	2.99 V	66	87.47	-65.85
2	1880.00	21.86	33.00	-11.14	2.94 V	69	87.42	-65.56
3	1905.00	22.28	33.00	-10.72	3.00 V	65	87.58	-65.30

Remarks:

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

LTE Band 2, Channel Bandwidth 15MHz

Mode	TX channel 18675, 18900, 19125							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	15.66	33.00	-17.34	3.87 H	6	81.49	-65.83
2	1880.00	16.02	33.00	-16.98	3.86 H	7	81.58	-65.56
3	1902.50	16.33	33.00	-16.67	3.86 H	4	81.65	-65.32
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	21.46	33.00	-11.54	2.94 V	65	87.29	-65.83
2	1880.00	22.12	33.00	-10.88	2.95 V	66	87.68	-65.56
3	1902.50	22.22	33.00	-10.78	2.93 V	72	87.54	-65.32

Remarks:

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

LTE Band 2, Channel Bandwidth 20MHz

Mode	TX channel 18675, 18900, 19125							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	15.76	33.00	-17.24	3.81 H	5	81.55	-65.79
2	1880.00	16.21	33.00	-16.79	3.85 H	1	81.77	-65.56
3	1900.00	16.09	33.00	-16.91	3.88 H	2	81.42	-65.33
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	21.80	33.00	-11.20	3.00 V	68	87.59	-65.79
2	1880.00	22.02	33.00	-10.98	3.02 V	67	87.58	-65.56
3	1900.00	22.37	33.00	-10.63	2.95 V	68	87.70	-65.33

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 1.4MHz

Mode	TX channel 18607, 18900, 19193							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	14.90	33.00	-18.10	3.83 H	6	80.80	-65.90
2	1880.00	15.12	33.00	-17.88	3.87 H	3	80.68	-65.56
3	1909.30	14.98	33.00	-18.02	3.82 H	4	80.27	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	20.58	33.00	-12.42	3.00 V	67	86.48	-65.90
2	1880.00	20.66	33.00	-12.34	3.00 V	69	86.22	-65.56
3	1909.30	21.32	33.00	-11.68	3.00 V	72	86.61	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 3MHz

Mode	TX channel 18615, 18900, 19185							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	14.58	33.00	-18.42	3.85 H	3	80.47	-65.89
2	1880.00	14.83	33.00	-18.17	3.84 H	1	80.39	-65.56
3	1908.50	15.01	33.00	-17.99	3.90 H	8	80.30	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	20.48	33.00	-12.52	2.99 V	69	86.37	-65.89
2	1880.00	20.81	33.00	-12.19	2.93 V	71	86.37	-65.56
3	1908.50	21.46	33.00	-11.54	2.97 V	70	86.75	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 5MHz

Mode	TX channel 18625, 18900, 19175							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	14.52	33.00	-18.48	3.82 H	6	80.40	-65.88
2	1880.00	14.57	33.00	-18.43	3.84 H	4	80.13	-65.56
3	1907.50	15.53	33.00	-17.47	3.84 H	3	80.82	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	20.69	33.00	-12.31	3.01 V	67	86.57	-65.88
2	1880.00	20.92	33.00	-12.08	2.93 V	72	86.48	-65.56
3	1907.50	21.28	33.00	-11.72	2.94 V	69	86.57	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 10MHz

Mode	TX channel 18650, 18900, 19150							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	14.48	33.00	-18.52	3.81 H	3	80.33	-65.85
2	1880.00	15.18	33.00	-17.82	3.81 H	2	80.74	-65.56
3	1905.00	15.30	33.00	-17.70	3.82 H	8	80.60	-65.30
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	20.77	33.00	-12.23	3.02 V	71	86.62	-65.85
2	1880.00	20.77	33.00	-12.23	2.99 V	71	86.33	-65.56
3	1905.00	21.23	33.00	-11.77	3.03 V	72	86.53	-65.30

Remarks:

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

LTE Band 2, Channel Bandwidth 15MHz

Mode	TX channel 18675, 18900, 19125							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	14.74	33.00	-18.26	3.83 H	4	80.57	-65.83
2	1880.00	15.16	33.00	-17.84	3.86 H	6	80.72	-65.56
3	1902.50	15.13	33.00	-17.87	3.85 H	1	80.45	-65.32
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	20.40	33.00	-12.60	2.96 V	71	86.23	-65.83
2	1880.00	21.32	33.00	-11.68	2.96 V	68	86.88	-65.56
3	1902.50	21.31	33.00	-11.69	2.94 V	72	86.63	-65.32

Remarks:

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

LTE Band 2, Channel Bandwidth 20MHz

Mode	TX channel 18675, 18900, 19125							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	14.68	33.00	-18.32	3.82 H	6	80.47	-65.79
2	1880.00	15.39	33.00	-17.61	3.84 H	5	80.95	-65.56
3	1900.00	15.08	33.00	-17.92	3.86 H	2	80.41	-65.33
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	20.68	33.00	-12.32	2.99 V	72	86.47	-65.79
2	1880.00	21.21	33.00	-11.79	3.02 V	70	86.77	-65.56
3	1900.00	21.24	33.00	-11.76	2.93 V	67	86.57	-65.33

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 25, Channel Bandwidth 1.4MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	16.83	33.00	-16.17	3.76 H	3	82.73	-65.90
2	1882.50	17.31	33.00	-15.69	3.78 H	4	82.85	-65.54
3	1914.30	17.50	33.00	-15.50	3.82 H	8	82.76	-65.26
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	1850.70	22.52	33.00	-10.48	3.76 V	3	88.42	-65.90
2	1882.50	23.01	33.00	-9.99	3.78 V	4	88.55	-65.54
3	1914.30	23.03	33.00	-9.97	3.82 V	8	88.29	-65.26

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 25, Channel Bandwidth 3MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	16.87	33.00	-16.13	3.76 H	6	82.76	-65.89
2	1882.50	17.24	33.00	-15.76	3.81 H	9	82.78	-65.54
3	1913.50	17.46	33.00	-15.54	3.75 H	5	82.73	-65.27
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	1851.50	22.55	33.00	-10.45	3.76 V	6	88.44	-65.89
2	1882.50	22.97	33.00	-10.03	3.81 V	9	88.51	-65.54
3	1913.50	23.10	33.00	-9.90	3.75 V	5	88.37	-65.27

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

LTE Band 25, Channel Bandwidth 5MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	16.95	33.00	-16.05	3.81 H	5	82.83	-65.88
2	1882.50	17.31	33.00	-15.69	3.82 H	9	82.85	-65.54
3	1912.50	17.42	33.00	-15.58	3.75 H	6	82.70	-65.28
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	22.57	33.00	-10.43	3.81 V	5	88.45	-65.88
2	1882.50	23.02	33.00	-9.98	3.82 V	9	88.56	-65.54
3	1912.50	23.09	33.00	-9.91	3.75 V	6	88.37	-65.28

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

LTE Band 25, Channel Bandwidth 10MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	16.82	33.00	-16.18	3.82 H	8	82.67	-65.85
2	1882.50	17.24	33.00	-15.76	3.78 H	12	82.78	-65.54
3	1910.00	17.16	33.00	-15.84	3.79 H	9	82.44	-65.28
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	22.61	33.00	-10.39	3.82 V	8	88.46	-65.85
2	1882.50	22.99	33.00	-10.01	3.78 V	12	88.53	-65.54
3	1910.00	23.05	33.00	-9.95	3.79 V	9	88.33	-65.28

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

LTE Band 25, Channel Bandwidth 15MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	16.84	33.00	-16.16	3.75 H	6	82.67	-65.83
2	1882.50	17.19	33.00	-15.81	3.77 H	4	82.73	-65.54
3	1907.50	17.38	33.00	-15.62	3.81 H	5	82.67	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	22.51	33.00	-10.49	3.75 V	6	88.34	-65.83
2	1882.50	23.00	33.00	-10.00	3.77 V	4	88.54	-65.54
3	1907.50	23.07	33.00	-9.93	3.81 V	5	88.36	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 25, Channel Bandwidth 20MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	17.04	33.00	-15.96	3.84 H	9	82.83	-65.79
2	1882.50	17.33	33.00	-15.67	3.81 H	5	82.87	-65.54
3	1905.00	17.16	33.00	-15.84	3.79 H	8	82.46	-65.30
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	22.74	33.00	-10.26	2.89 V	68	88.53	-65.79
2	1882.50	23.17	33.00	-9.83	2.88 V	74	88.71	-65.54
3	1905.00	23.09	33.00	-9.91	2.93 V	73	88.39	-65.30

Remarks:

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

Modulation Type: 16QAM

LTE Band 25, Channel Bandwidth 1.4MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	14.67	33.00	-18.33	3.78 H	4	80.57	-65.90
2	1882.50	15.12	33.00	-17.88	3.83 H	6	80.66	-65.54
3	1914.30	15.67	33.00	-17.33	3.76 H	3	80.93	-65.26
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	1850.70	21.92	33.00	-11.08	2.91 V	66	87.82	-65.90
2	1882.50	22.23	33.00	-10.77	2.90 V	69	87.77	-65.54
3	1914.30	22.30	33.00	-10.70	2.94 V	70	87.56	-65.26

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 25, Channel Bandwidth 3MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	15.10	33.00	-17.90	3.75 H	3	80.99	-65.89
2	1882.50	15.12	33.00	-17.88	3.75 H	2	80.66	-65.54
3	1913.50	15.55	33.00	-17.45	3.75 H	9	80.82	-65.27
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	1851.50	22.01	33.00	-10.99	2.93 V	67	87.90	-65.89
2	1882.50	22.31	33.00	-10.69	2.88 V	68	87.85	-65.54
3	1913.50	22.29	33.00	-10.71	2.89 V	72	87.56	-65.27

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

LTE Band 25, Channel Bandwidth 5MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	14.81	33.00	-18.19	3.83 H	3	80.69	-65.88
2	1882.50	15.30	33.00	-17.70	3.81 H	7	80.84	-65.54
3	1912.50	15.67	33.00	-17.33	3.75 H	4	80.95	-65.28
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	21.98	33.00	-11.02	2.89 V	68	87.86	-65.88
2	1882.50	22.25	33.00	-10.75	2.98 V	67	87.79	-65.54
3	1912.50	22.51	33.00	-10.49	2.93 V	74	87.79	-65.28

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

LTE Band 25, Channel Bandwidth 10MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	15.02	33.00	-17.98	3.76 H	5	80.87	-65.85
2	1882.50	15.12	33.00	-17.88	3.76 H	2	80.66	-65.54
3	1910.00	15.37	33.00	-17.63	3.85 H	5	80.65	-65.28
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	22.05	33.00	-10.95	2.96 V	73	87.90	-65.85
2	1882.50	22.31	33.00	-10.69	2.95 V	67	87.85	-65.54
3	1910.00	22.33	33.00	-10.67	2.94 V	69	87.61	-65.28

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

LTE Band 25, Channel Bandwidth 15MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	15.07	33.00	-17.93	3.75 H	6	80.90	-65.83
2	1882.50	15.43	33.00	-17.57	3.78 H	3	80.97	-65.54
3	1907.50	15.57	33.00	-17.43	3.75 H	3	80.86	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	22.27	33.00	-10.73	2.89 V	73	88.10	-65.83
2	1882.50	22.31	33.00	-10.69	2.90 V	67	87.85	-65.54
3	1907.50	22.61	33.00	-10.39	2.95 V	74	87.90	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 25, Channel Bandwidth 20MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	15.09	33.00	-17.91	3.82 H	3	80.88	-65.79
2	1882.50	15.68	33.00	-17.32	3.75 H	6	81.22	-65.54
3	1905.00	15.37	33.00	-17.63	3.83 H	7	80.67	-65.30
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	22.35	33.00	-10.65	2.91 V	68	88.14	-65.79
2	1882.50	22.51	33.00	-10.49	2.91 V	73	88.05	-65.54
3	1905.00	22.81	33.00	-10.19	2.94 V	71	88.11	-65.30

Remarks:

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

Modulation Type: 64QAM

LTE Band 25, Channel Bandwidth 1.4MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	13.77	33.00	-19.23	3.83 H	2	79.67	-65.90
2	1882.50	14.24	33.00	-18.76	3.84 H	8	79.78	-65.54
3	1914.30	14.80	33.00	-18.20	3.75 H	5	80.06	-65.26
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	1850.70	20.89	33.00	-12.11	2.91 V	74	86.79	-65.90
2	1882.50	21.51	33.00	-11.49	2.89 V	73	87.05	-65.54
3	1914.30	21.49	33.00	-11.51	2.86 V	72	86.75	-65.26

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 25, Channel Bandwidth 3MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	13.96	33.00	-19.04	3.85 H	7	79.85	-65.89
2	1882.50	14.23	33.00	-18.77	3.85 H	5	79.77	-65.54
3	1913.50	14.46	33.00	-18.54	3.84 H	6	79.73	-65.27
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	1851.50	20.88	33.00	-12.12	2.98 V	69	86.77	-65.89
2	1882.50	21.23	33.00	-11.77	2.90 V	73	86.77	-65.54
3	1913.50	21.48	33.00	-11.52	2.92 V	72	86.75	-65.27

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

LTE Band 25, Channel Bandwidth 5MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	13.72	33.00	-19.28	3.83 H	2	79.60	-65.88
2	1882.50	14.29	33.00	-18.71	3.75 H	8	79.83	-65.54
3	1912.50	14.55	33.00	-18.45	3.77 H	6	79.83	-65.28
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	20.84	33.00	-12.16	2.94 V	69	86.72	-65.88
2	1882.50	21.41	33.00	-11.59	2.89 V	71	86.95	-65.54
3	1912.50	21.41	33.00	-11.59	2.93 V	70	86.69	-65.28

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

LTE Band 25, Channel Bandwidth 10MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	14.22	33.00	-18.78	3.82 H	6	80.07	-65.85
2	1882.50	14.20	33.00	-18.80	3.83 H	4	79.74	-65.54
3	1910.00	14.36	33.00	-18.64	3.85 H	8	79.64	-65.28
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	21.23	33.00	-11.77	2.96 V	69	87.08	-65.85
2	1882.50	21.22	33.00	-11.78	2.90 V	67	86.76	-65.54
3	1910.00	21.17	33.00	-11.83	2.98 V	70	86.45	-65.28

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

LTE Band 25, Channel Bandwidth 15MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	14.02	33.00	-18.98	3.78 H	6	79.85	-65.83
2	1882.50	14.59	33.00	-18.41	3.77 H	8	80.13	-65.54
3	1907.50	14.40	33.00	-18.60	3.75 H	4	79.69	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	21.26	33.00	-11.74	2.91 V	69	87.09	-65.83
2	1882.50	21.33	33.00	-11.67	2.97 V	68	86.87	-65.54
3	1907.50	21.52	33.00	-11.48	2.98 V	68	86.81	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 25, Channel Bandwidth 20MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	14.27	33.00	-18.73	3.81 H	5	80.06	-65.79
2	1882.50	14.88	33.00	-18.12	3.79 H	9	80.42	-65.54
3	1905.00	14.42	33.00	-18.58	3.85 H	4	79.72	-65.30
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	21.15	33.00	-11.85	2.94 V	68	86.94	-65.79
2	1882.50	21.32	33.00	-11.68	2.91 V	78	86.86	-65.54
3	1905.00	21.64	33.00	-11.36	2.90 V	74	86.94	-65.30

Remarks:

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

EUT + Antenna 3

Modulation Type: QPSK

LTE Band 2, Channel Bandwidth 1.4MHz

Mode	TX channel 18607, 18900, 19193							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	13.98	33.00	-19.02	2.55 H	318	79.88	-65.90
2	1880.00	14.33	33.00	-18.67	2.65 H	315	79.89	-65.56
3	1909.30	14.71	33.00	-18.29	2.55 H	316	80.00	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	22.61	33.00	-10.39	2.22 V	96	88.51	-65.90
2	1880.00	22.89	33.00	-10.11	2.27 V	94	88.45	-65.56
3	1909.30	23.08	33.00	-9.92	2.27 V	91	88.37	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 3MHz

Mode	TX channel 18615, 18900, 19185							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	14.10	33.00	-18.90	2.55 H	319	79.99	-65.89
2	1880.00	14.24	33.00	-18.76	2.61 H	316	79.80	-65.56
3	1908.50	14.55	33.00	-18.45	2.55 H	317	79.84	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	22.65	33.00	-10.35	2.22 V	92	88.54	-65.89
2	1880.00	22.94	33.00	-10.06	2.21 V	92	88.50	-65.56
3	1908.50	23.16	33.00	-9.84	2.24 V	95	88.45	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 5MHz

Mode	TX channel 18625, 18900, 19175							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	13.98	33.00	-19.02	2.63 H	316	79.86	-65.88
2	1880.00	14.44	33.00	-18.56	2.58 H	315	80.00	-65.56
3	1907.50	14.58	33.00	-18.42	2.63 H	318	79.87	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	22.63	33.00	-10.37	2.23 V	95	88.51	-65.88
2	1880.00	22.90	33.00	-10.10	2.23 V	92	88.46	-65.56
3	1907.50	23.12	33.00	-9.88	2.24 V	93	88.41	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 10MHz

Mode	TX channel 18650, 18900, 19150							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	14.13	33.00	-18.87	2.55 H	317	79.98	-65.85
2	1880.00	14.39	33.00	-18.61	2.55 H	314	79.95	-65.56
3	1905.00	14.52	33.00	-18.48	2.64 H	316	79.82	-65.30
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	22.63	33.00	-10.37	2.22 V	90	88.48	-65.85
2	1880.00	22.98	33.00	-10.02	2.28 V	96	88.54	-65.56
3	1905.00	23.11	33.00	-9.89	2.25 V	91	88.41	-65.30

Remarks:

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

LTE Band 2, Channel Bandwidth 15MHz

Mode	TX channel 18675, 18900, 19125							
Antenna Polarity & Test Distance : Horizontal at 3 m								
	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	14.09	33.00	-18.91	2.63 H	316	79.92	-65.83
2	1880.00	14.35	33.00	-18.65	2.55 H	318	79.91	-65.56
3	1902.50	14.48	33.00	-18.52	2.65 H	317	79.80	-65.32
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	22.64	33.00	-10.36	2.27 V	91	88.47	-65.83
2	1880.00	22.98	33.00	-10.02	2.29 V	95	88.54	-65.56
3	1902.50	23.22	33.00	-9.78	2.21 V	94	88.54	-65.32

Remarks:

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

LTE Band 2, Channel Bandwidth 20MHz

Mode	TX channel 18675, 18900, 19125							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	14.20	33.00	-18.80	2.62 H	320	79.99	-65.79
2	1880.00	14.64	33.00	-18.36	2.62 H	314	80.20	-65.56
3	1900.00	14.66	33.00	-18.34	2.62 H	318	79.99	-65.33
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	22.66	33.00	-10.34	2.30 V	91	88.45	-65.79
2	1880.00	23.09	33.00	-9.91	2.29 V	90	88.65	-65.56
3	1900.00	23.25	33.00	-9.75	2.31 V	94	88.58	-65.33

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 1.4MHz

Mode	TX channel 18607, 18900, 19193							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	13.03	33.00	-19.97	2.63 H	318	78.93	-65.90
2	1880.00	13.26	33.00	-19.74	2.56 H	314	78.82	-65.56
3	1909.30	13.79	33.00	-19.21	2.59 H	321	79.08	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	21.81	33.00	-11.19	2.26 V	92	87.71	-65.90
2	1880.00	21.84	33.00	-11.16	2.30 V	94	87.40	-65.56
3	1909.30	22.28	33.00	-10.72	2.26 V	92	87.57	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 3MHz

Mode	TX channel 18615, 18900, 19185							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	12.90	33.00	-20.10	2.65 H	315	78.79	-65.89
2	1880.00	13.04	33.00	-19.96	2.62 H	318	78.60	-65.56
3	1908.50	13.35	33.00	-19.65	2.55 H	316	78.64	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	21.54	33.00	-11.46	2.27 V	97	87.43	-65.89
2	1880.00	21.84	33.00	-11.16	2.24 V	90	87.40	-65.56
3	1908.50	22.15	33.00	-10.85	2.28 V	95	87.44	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 5MHz

Mode	TX channel 18625, 18900, 19175							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	12.84	33.00	-20.16	2.55 H	318	78.72	-65.88
2	1880.00	13.54	33.00	-19.46	2.60 H	317	79.10	-65.56
3	1907.50	13.54	33.00	-19.46	2.58 H	317	78.83	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	21.50	33.00	-11.50	2.30 V	95	87.38	-65.88
2	1880.00	21.87	33.00	-11.13	2.23 V	93	87.43	-65.56
3	1907.50	22.31	33.00	-10.69	2.21 V	93	87.60	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 10MHz

Mode	TX channel 18650, 18900, 19150							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	13.18	33.00	-19.82	2.58 H	316	79.03	-65.85
2	1880.00	13.22	33.00	-19.78	2.56 H	321	78.78	-65.56
3	1905.00	13.67	33.00	-19.33	2.56 H	319	78.97	-65.30
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	21.48	33.00	-11.52	2.26 V	93	87.33	-65.85
2	1880.00	21.85	33.00	-11.15	2.23 V	96	87.41	-65.56
3	1905.00	22.35	33.00	-10.65	2.28 V	96	87.65	-65.30

Remarks:

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

LTE Band 2, Channel Bandwidth 15MHz

Mode	TX channel 18675, 18900, 19125							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	12.92	33.00	-20.08	2.60 H	318	78.75	-65.83
2	1880.00	13.53	33.00	-19.47	2.58 H	314	79.09	-65.56
3	1902.50	13.28	33.00	-19.72	2.61 H	321	78.60	-65.32
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	21.65	33.00	-11.35	2.26 V	93	87.48	-65.83
2	1880.00	21.87	33.00	-11.13	2.23 V	90	87.43	-65.56
3	1902.50	22.19	33.00	-10.81	2.26 V	94	87.51	-65.32

Remarks:

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

LTE Band 2, Channel Bandwidth 20MHz

Mode	TX channel 18675, 18900, 19125							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	13.25	33.00	-19.75	2.65 H	316	79.04	-65.79
2	1880.00	13.54	33.00	-19.46	2.57 H	315	79.10	-65.56
3	1900.00	13.71	33.00	-19.29	2.55 H	319	79.04	-65.33
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	21.50	33.00	-11.50	2.31 V	91	87.29	-65.79
2	1880.00	22.05	33.00	-10.95	2.26 V	97	87.61	-65.56
3	1900.00	22.26	33.00	-10.74	2.23 V	95	87.59	-65.33

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 1.4MHz

Mode	TX channel 18607, 18900, 19193							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	11.89	33.00	-21.11	2.61 H	319	77.79	-65.90
2	1880.00	12.21	33.00	-20.79	2.59 H	320	77.77	-65.56
3	1909.30	12.62	33.00	-20.38	2.56 H	315	77.91	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	20.64	33.00	-12.36	2.30 V	94	86.54	-65.90
2	1880.00	20.69	33.00	-12.31	2.31 V	93	86.25	-65.56
3	1909.30	21.25	33.00	-11.75	2.26 V	90	86.54	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 3MHz

Mode	TX channel 18615, 18900, 19185							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	12.01	33.00	-20.99	2.65 H	318	77.90	-65.89
2	1880.00	12.13	33.00	-20.87	2.63 H	318	77.69	-65.56
3	1908.50	12.55	33.00	-20.45	2.59 H	320	77.84	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	20.57	33.00	-12.43	2.31 V	94	86.46	-65.89
2	1880.00	20.66	33.00	-12.34	2.21 V	90	86.22	-65.56
3	1908.50	21.27	33.00	-11.73	2.22 V	97	86.56	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 5MHz

Mode	TX channel 18625, 18900, 19175							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	12.03	33.00	-20.97	2.55 H	319	77.91	-65.88
2	1880.00	12.69	33.00	-20.31	2.60 H	317	78.25	-65.56
3	1907.50	12.52	33.00	-20.48	2.58 H	315	77.81	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	20.63	33.00	-12.37	2.24 V	90	86.51	-65.88
2	1880.00	21.06	33.00	-11.94	2.27 V	90	86.62	-65.56
3	1907.50	21.43	33.00	-11.57	2.27 V	96	86.72	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 2, Channel Bandwidth 10MHz

Mode	TX channel 18650, 18900, 19150							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	11.98	33.00	-21.02	2.64 H	314	77.83	-65.85
2	1880.00	12.31	33.00	-20.69	2.57 H	320	77.87	-65.56
3	1905.00	12.58	33.00	-20.42	2.61 H	319	77.88	-65.30
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	20.62	33.00	-12.38	2.22 V	94	86.47	-65.85
2	1880.00	20.95	33.00	-12.05	2.25 V	96	86.51	-65.56
3	1905.00	21.23	33.00	-11.77	2.21 V	95	86.53	-65.30

Remarks:

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

LTE Band 2, Channel Bandwidth 15MHz

Mode	TX channel 18675, 18900, 19125							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	11.72	33.00	-21.28	2.56 H	318	77.55	-65.83
2	1880.00	12.65	33.00	-20.35	2.62 H	315	78.21	-65.56
3	1902.50	12.11	33.00	-20.89	2.62 H	319	77.43	-65.32
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	20.61	33.00	-12.39	2.29 V	95	86.44	-65.83
2	1880.00	21.04	33.00	-11.96	2.30 V	95	86.60	-65.56
3	1902.50	21.12	33.00	-11.88	2.24 V	96	86.44	-65.32

Remarks:

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

LTE Band 2, Channel Bandwidth 20MHz

Mode	TX channel 18675, 18900, 19125							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	12.22	33.00	-20.78	2.57 H	314	78.01	-65.79
2	1880.00	12.59	33.00	-20.41	2.60 H	320	78.15	-65.56
3	1900.00	12.56	33.00	-20.44	2.60 H	318	77.89	-65.33
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	20.52	33.00	-12.48	2.22 V	94	86.31	-65.79
2	1880.00	20.98	33.00	-12.02	2.24 V	92	86.54	-65.56
3	1900.00	21.26	33.00	-11.74	2.22 V	92	86.59	-65.33

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 25, Channel Bandwidth 1.4MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	16.59	33.00	-16.41	2.70 H	299	82.49	-65.90
2	1882.50	16.87	33.00	-16.13	2.73 H	300	82.41	-65.54
3	1914.30	17.10	33.00	-15.90	2.67 H	304	82.36	-65.26
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	1850.70	22.53	33.00	-10.47	2.70 V	299	88.43	-65.90
2	1882.50	23.04	33.00	-9.96	2.73 V	300	88.58	-65.54
3	1914.30	23.04	33.00	-9.96	2.67 V	304	88.30	-65.26

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 25, Channel Bandwidth 3MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	16.59	33.00	-16.41	2.68 H	305	82.48	-65.89
2	1882.50	16.92	33.00	-16.08	2.68 H	303	82.46	-65.54
3	1913.50	17.24	33.00	-15.76	2.65 H	304	82.51	-65.27
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	1851.50	22.70	33.00	-10.30	2.68 V	305	88.59	-65.89
2	1882.50	23.09	33.00	-9.91	2.68 V	303	88.63	-65.54
3	1913.50	23.07	33.00	-9.93	2.65 V	304	88.34	-65.27

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

LTE Band 25, Channel Bandwidth 5MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	16.58	33.00	-16.42	2.66 H	301	82.46	-65.88
2	1882.50	16.82	33.00	-16.18	2.74 H	302	82.36	-65.54
3	1912.50	17.13	33.00	-15.87	2.71 H	304	82.41	-65.28
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	22.76	33.00	-10.24	2.66 V	301	88.64	-65.88
2	1882.50	23.03	33.00	-9.97	2.74 V	302	88.57	-65.54
3	1912.50	23.08	33.00	-9.92	2.71 V	304	88.36	-65.28

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

LTE Band 25, Channel Bandwidth 10MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	16.49	33.00	-16.51	2.65 H	302	82.34	-65.85
2	1882.50	17.01	33.00	-15.99	2.70 H	301	82.55	-65.54
3	1910.00	17.13	33.00	-15.87	2.68 H	301	82.41	-65.28
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	22.62	33.00	-10.38	2.65 V	302	88.47	-65.85
2	1882.50	22.99	33.00	-10.01	2.70 V	301	88.53	-65.54
3	1910.00	23.09	33.00	-9.91	2.68 V	301	88.37	-65.28

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

LTE Band 25, Channel Bandwidth 15MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	16.68	33.00	-16.32	2.72 H	302	82.51	-65.83
2	1882.50	16.93	33.00	-16.07	2.68 H	298	82.47	-65.54
3	1907.50	17.21	33.00	-15.79	2.70 H	300	82.50	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	22.63	33.00	-10.37	2.72 V	302	88.46	-65.83
2	1882.50	23.02	33.00	-9.98	2.68 V	298	88.56	-65.54
3	1907.50	23.12	33.00	-9.88	2.70 V	300	88.41	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 25, Channel Bandwidth 20MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	16.74	33.00	-16.26	2.67 H	303	82.53	-65.79
2	1882.50	17.23	33.00	-15.77	2.70 H	298	82.77	-65.54
3	1905.00	17.21	33.00	-15.79	2.74 H	300	82.51	-65.30
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	22.84	33.00	-10.16	2.67 V	303	88.63	-65.79
2	1882.50	23.21	33.00	-9.79	2.70 V	298	88.75	-65.54
3	1905.00	23.16	33.00	-9.84	2.74 V	300	88.46	-65.30

Remarks:

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

Modulation Type: 16QAM

LTE Band 25, Channel Bandwidth 1.4MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	14.66	33.00	-18.34	2.68 H	305	80.56	-65.90
2	1882.50	14.74	33.00	-18.26	2.65 H	303	80.28	-65.54
3	1914.30	15.05	33.00	-17.95	2.64 H	301	80.31	-65.26
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	1850.70	21.74	33.00	-11.26	2.32 V	92	87.64	-65.90
2	1882.50	22.29	33.00	-10.71	2.28 V	94	87.83	-65.54
3	1914.30	22.31	33.00	-10.69	2.27 V	97	87.57	-65.26

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 25, Channel Bandwidth 3MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	14.59	33.00	-18.41	2.71 H	304	80.48	-65.89
2	1882.50	14.78	33.00	-18.22	2.69 H	301	80.32	-65.54
3	1913.50	14.94	33.00	-18.06	2.72 H	303	80.21	-65.27
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	1851.50	21.87	33.00	-11.13	2.29 V	95	87.76	-65.89
2	1882.50	22.28	33.00	-10.72	2.33 V	94	87.82	-65.54
3	1913.50	22.26	33.00	-10.74	2.22 V	96	87.53	-65.27

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

LTE Band 25, Channel Bandwidth 5MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	14.57	33.00	-18.43	2.65 H	305	80.45	-65.88
2	1882.50	14.61	33.00	-18.39	2.73 H	305	80.15	-65.54
3	1912.50	15.02	33.00	-17.98	2.68 H	305	80.30	-65.28
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	21.68	33.00	-11.32	2.28 V	91	87.56	-65.88
2	1882.50	22.12	33.00	-10.88	2.28 V	91	87.66	-65.54
3	1912.50	22.49	33.00	-10.51	2.24 V	93	87.77	-65.28

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

LTE Band 25, Channel Bandwidth 10MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	14.72	33.00	-18.28	2.69 H	304	80.57	-65.85
2	1882.50	14.80	33.00	-18.20	2.64 H	304	80.34	-65.54
3	1910.00	15.11	33.00	-17.89	2.71 H	303	80.39	-65.28
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	21.68	33.00	-11.32	2.22 V	94	87.53	-65.85
2	1882.50	22.17	33.00	-10.83	2.29 V	95	87.71	-65.54
3	1910.00	22.31	33.00	-10.69	2.32 V	96	87.59	-65.28

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

LTE Band 25, Channel Bandwidth 15MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	14.53	33.00	-18.47	2.68 H	305	80.36	-65.83
2	1882.50	14.59	33.00	-18.41	2.67 H	300	80.13	-65.54
3	1907.50	15.22	33.00	-17.78	2.74 H	304	80.51	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	22.12	33.00	-10.88	2.28 V	93	87.95	-65.83
2	1882.50	22.19	33.00	-10.81	2.29 V	95	87.73	-65.54
3	1907.50	22.53	33.00	-10.47	2.31 V	96	87.82	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 25, Channel Bandwidth 20MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	14.66	33.00	-18.34	2.71 H	299	80.45	-65.79
2	1882.50	14.99	33.00	-18.01	2.70 H	304	80.53	-65.54
3	1905.00	15.04	33.00	-17.96	2.66 H	305	80.34	-65.30
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	22.01	33.00	-10.99	2.31 V	93	87.80	-65.79
2	1882.50	22.19	33.00	-10.81	2.28 V	93	87.73	-65.54
3	1905.00	22.47	33.00	-10.53	2.28 V	92	87.77	-65.30

Remarks:

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

Modulation Type: 64QAM

LTE Band 25, Channel Bandwidth 1.4MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	13.81	33.00	-19.19	2.69 H	301	79.71	-65.90
2	1882.50	13.89	33.00	-19.11	2.72 H	302	79.43	-65.54
3	1914.30	13.87	33.00	-19.13	2.66 H	300	79.13	-65.26
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	1850.70	20.57	33.00	-12.43	2.31 V	97	86.47	-65.90
2	1882.50	21.34	33.00	-11.66	2.29 V	92	86.88	-65.54
3	1914.30	21.52	33.00	-11.48	2.32 V	92	86.78	-65.26

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 25, Channel Bandwidth 3MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	13.65	33.00	-19.35	2.68 H	302	79.54	-65.89
2	1882.50	13.64	33.00	-19.36	2.74 H	302	79.18	-65.54
3	1913.50	14.09	33.00	-18.91	2.74 H	305	79.36	-65.27
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	1851.50	20.76	33.00	-12.24	2.24 V	90	86.65	-65.89
2	1882.50	21.12	33.00	-11.88	2.32 V	90	86.66	-65.54
3	1913.50	21.42	33.00	-11.58	2.26 V	95	86.69	-65.27

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

LTE Band 25, Channel Bandwidth 5MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	13.50	33.00	-19.50	2.72 H	301	79.38	-65.88
2	1882.50	13.79	33.00	-19.21	2.68 H	300	79.33	-65.54
3	1912.50	14.07	33.00	-18.93	2.73 H	300	79.35	-65.28
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1852.50	20.74	33.00	-12.26	2.23 V	90	86.62	-65.88
2	1882.50	21.04	33.00	-11.96	2.30 V	91	86.58	-65.54
3	1912.50	21.44	33.00	-11.56	2.26 V	91	86.72	-65.28

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

LTE Band 25, Channel Bandwidth 10MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	13.57	33.00	-19.43	2.64 H	301	79.42	-65.85
2	1882.50	13.71	33.00	-19.29	2.69 H	300	79.25	-65.54
3	1910.00	14.22	33.00	-18.78	2.68 H	302	79.50	-65.28
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1855.00	20.50	33.00	-12.50	2.30 V	90	86.35	-65.85
2	1882.50	21.21	33.00	-11.79	2.31 V	91	86.75	-65.54
3	1910.00	21.24	33.00	-11.76	2.22 V	95	86.52	-65.28

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

LTE Band 25, Channel Bandwidth 15MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	13.35	33.00	-19.65	2.64 H	305	79.18	-65.83
2	1882.50	13.73	33.00	-19.27	2.69 H	304	79.27	-65.54
3	1907.50	14.18	33.00	-18.82	2.69 H	299	79.47	-65.29
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1857.50	21.12	33.00	-11.88	2.31 V	93	86.95	-65.83
2	1882.50	21.23	33.00	-11.77	2.29 V	95	86.77	-65.54
3	1907.50	21.43	33.00	-11.57	2.29 V	91	86.72	-65.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 25, Channel Bandwidth 20MHz

Mode	TX channel 26047, 26365, 26683							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	13.65	33.00	-19.35	2.64 H	302	79.44	-65.79
2	1882.50	14.08	33.00	-18.92	2.70 H	302	79.62	-65.54
3	1905.00	14.17	33.00	-18.83	2.68 H	305	79.47	-65.30
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1860.00	20.88	33.00	-12.12	2.25 V	94	86.67	-65.79
2	1882.50	21.34	33.00	-11.66	2.31 V	95	86.88	-65.54
3	1905.00	21.34	33.00	-11.66	2.23 V	94	86.64	-65.30

Remarks:

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

MIMO EIRP Power (dBm)

Band	Max. EIRP Power (dBm)	Max. EIRP Power (dBm)	Max. EIRP Power (dBm)	Total Power (dBm)	Limit (dBm)
	EUT + Antenna 1 (Main Source)	EUT + Antenna 2 (2nd Source)	EUT + Antenna 3		
2	23.28	23.29	23.25	28.04	33.00
25	23.28	23.17	23.21	27.99	33.00

4.2 Radiated Emission Measurement

4.2.1 Limits of Radiated Emission Measurement

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB. The emission limit equal to –13dBm.

4.2.2 Test Procedure

a. In the semi-anechoic chamber, EUT placed on the 0.8m (below or equal 1 GHz) and/or 1.5 m (above 1 GHz) height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 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.

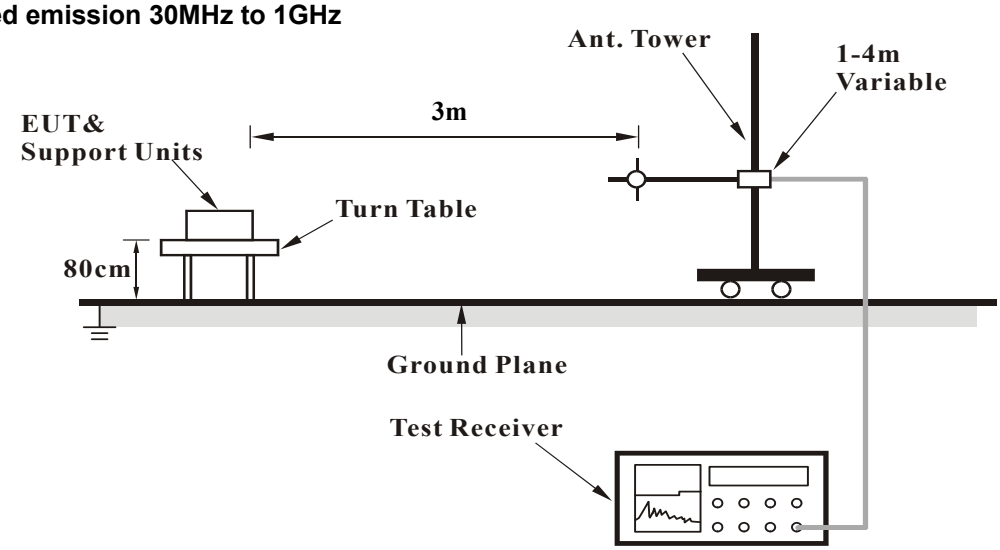
Note:
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz/3 MHz.
2. The emission levels were against the limit of frequency range 9 kHz ~ 30 MHz: The amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required to be report.

4.2.3 Deviation from Test Standard

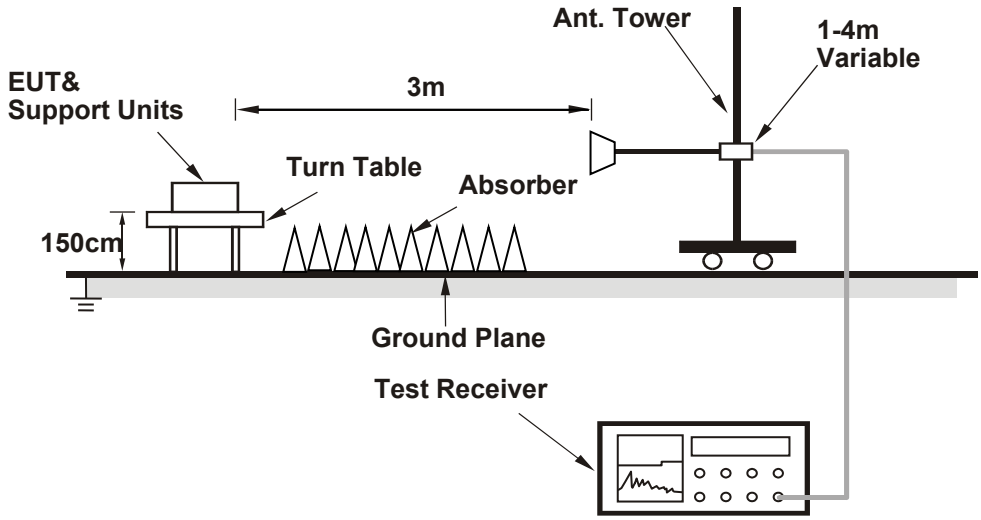
No deviation.

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

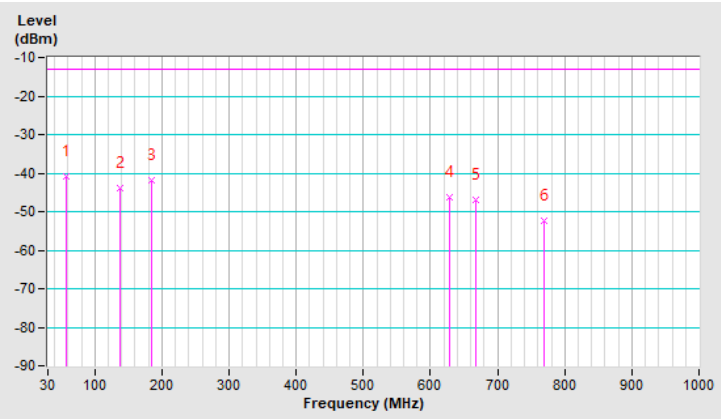
LTE Band 2, Channel Bandwidth 5MHz

Mode	TX channel 19175 (1907.5MHz)	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	58.13	-40.90	-13.00	-27.90	1.00 H	226	68.00	-108.90
2	137.67	-43.90	-13.00	-30.90	1.00 H	68	65.00	-108.90
3	184.23	-41.80	-13.00	-28.80	1.00 H	229	68.60	-110.40
4	628.49	-46.40	-13.00	-33.40	1.49 H	29	53.90	-100.30
5	668.26	-47.00	-13.00	-34.00	1.00 H	312	52.80	-99.80
6	770.11	-52.40	-13.00	-39.40	1.99 H	17	46.00	-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.

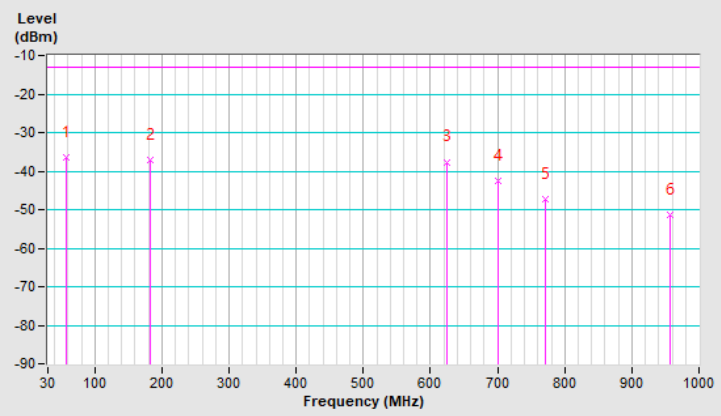


Mode	TX channel 19175 (1907.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	-36.50	-13.00	-23.50	1.51 V	238	72.40	-108.90
2	182.29	-37.10	-13.00	-24.10	1.01 V	240	73.00	-110.10
3	623.64	-37.60	-13.00	-24.60	1.01 V	18	62.80	-100.40
4	701.24	-42.50	-13.00	-29.50	1.01 V	18	56.60	-99.10
5	771.08	-47.40	-13.00	-34.40	1.01 V	53	51.00	-98.40
6	956.35	-51.30	-13.00	-38.30	1.01 V	18	44.40	-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.



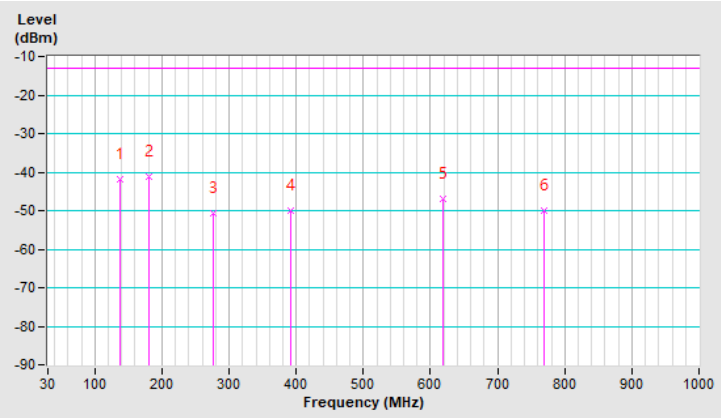
LTE Band 25, Channel Bandwidth 5MHz

Mode	TX channel 26665 (1912.5MHz)	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	137.67	-41.90	-13.00	-28.90	1.49 H	121	67.00	-108.90
2	181.32	-41.30	-13.00	-28.30	1.49 H	227	68.70	-110.00
3	276.38	-50.70	-13.00	-37.70	1.00 H	190	57.50	-108.20
4	390.84	-49.90	-13.00	-36.90	1.00 H	179	55.60	-105.50
5	618.79	-47.00	-13.00	-34.00	1.00 H	185	53.50	-100.50
6	770.11	-49.90	-13.00	-36.90	1.00 H	340	48.50	-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.

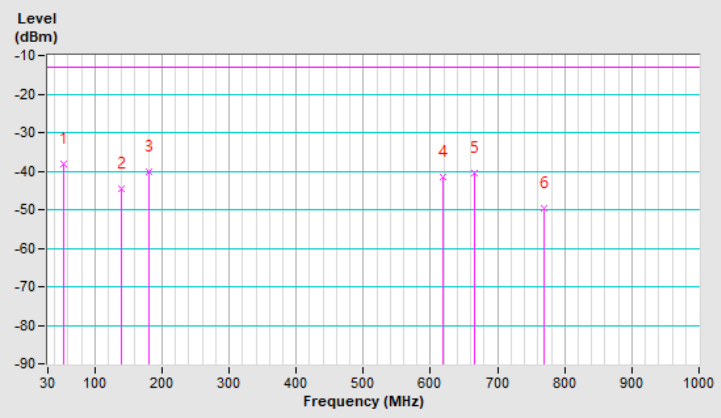


Mode	TX channel 26665 (1912.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	54.25	-38.00	-13.00	-25.00	2.00 V	247	70.70	-108.70
2	139.61	-44.70	-13.00	-31.70	1.01 V	235	64.10	-108.80
3	180.35	-40.20	-13.00	-27.20	1.01 V	250	69.70	-109.90
4	618.79	-41.40	-13.00	-28.40	1.50 V	18	59.10	-100.50
5	665.35	-40.50	-13.00	-27.50	1.01 V	310	59.30	-99.80
6	770.11	-49.60	-13.00	-36.60	1.50 V	44	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.



Above 1GHz

LTE Band 2, Channel Bandwidth 1.4MHz

Mode	TX channel 18607 (1850.7MHz)	Frequency Range	1GHz ~ 20GHz
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	3701.40	-53.27	-13.00	-40.27	1.65 H	57	42.50	-95.77
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3701.40	-52.38	-13.00	-39.38	3.00 V	178	43.39	-95.77

Remarks:

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

Mode	TX channel 18900 (1880.0MHz)	Frequency Range	1GHz ~ 20GHz
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	3760.00	-52.87	-13.00	-39.87	1.67 H	53	42.51	-95.38
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3760.00	-51.96	-13.00	-38.96	3.00 V	180	43.42	-95.38

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 19193 (1909.3MHz)	Frequency Range	1GHz ~ 20GHz
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	3818.60	-52.55	-13.00	-39.55	1.70 H	53	42.48	-95.03
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	3818.60	-51.61	-13.00	-38.61	2.96 V	176	43.42	-95.03

Remarks:

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

LTE Band 2, Channel Bandwidth 5MHz

Mode	TX channel 18625 (1852.5MHz)	Frequency Range	1GHz ~ 20GHz
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	3705.00	-53.25	-13.00	-40.25	1.66 H	59	42.50	-95.75
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	3705.00	-52.31	-13.00	-39.31	2.97 V	173	43.44	-95.75

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 18900 (1880.0MHz)	Frequency Range	1GHz ~ 20GHz
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	3760.00	-52.84	-13.00	-39.84	1.71 H	59	42.54	-95.38
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3760.00	-51.97	-13.00	-38.97	2.95 V	174	43.41	-95.38

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 19175 (1907.5MHz)	Frequency Range	1GHz ~ 20GHz
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	3815.00	-52.50	-13.00	-39.50	1.62 H	55	42.54	-95.04
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	3815.00	-51.57	-13.00	-38.57	3.01 V	173	43.47	-95.04

Remarks:

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

LTE Band 2, Channel Bandwidth 20MHz

Mode	TX channel 18700 (1860.0MHz)	Frequency Range	1GHz ~ 20GHz
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	3720.00	-53.08	-13.00	-40.08	1.62 H	56	42.57	-95.65
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3720.00	-52.20	-13.00	-39.20	2.96 V	179	43.45	-95.65

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 18900 (1880.0MHz)	Frequency Range	1GHz ~ 20GHz
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	3760.00	-52.60	-13.00	-39.60	1.66 H	57	42.78	-95.38
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3760.00	-51.80	-13.00	-38.80	2.99 V	179	43.58	-95.38

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 19100 (1900.0MHz)	Frequency Range	1GHz ~ 20GHz
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	3800.00	-52.58	-13.00	-39.58	1.62 H	54	42.50	-95.08
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3800.00	-51.69	-13.00	-38.69	3.02 V	174	43.39	-95.08

Remarks:

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

LTE Band 25, Channel Bandwidth 1.4MHz

Mode	TX channel 26047 (1850.7MHz)	Frequency Range	1GHz ~ 20GHz
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	3701.40	-51.59	-13.00	-38.59	1.21 H	142	44.18	-95.77
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3701.40	-50.71	-13.00	-37.71	2.08 V	324	45.06	-95.77

Remarks:

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

Mode	TX channel 26365 (1882.5MHz)	Frequency Range	1GHz ~ 20GHz
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	3765.00	-51.23	-13.00	-38.23	1.26 H	142	44.11	-95.34
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3765.00	-50.32	-13.00	-37.32	2.16 V	321	45.02	-95.34

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 26683 (1914.3MHz)	Frequency Range	1GHz ~ 20GHz
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	3828.60	-50.88	-13.00	-37.88	1.23 H	139	44.13	-95.01
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	3828.60	-49.95	-13.00	-36.95	2.08 V	322	45.06	-95.01

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
4. The other EIRP levels were very low against the limit.

LTE Band 25, Channel Bandwidth 5MHz

Mode	TX channel 26065 (1852.5MHz)	Frequency Range	1GHz ~ 20GHz
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	3705.00	-51.63	-13.00	-38.63	1.19 H	140	44.12	-95.75
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	3705.00	-50.71	-13.00	-37.71	2.12 V	326	45.04	-95.75

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 26365 (1882.5MHz)	Frequency Range	1GHz ~ 20GHz
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	3765.00	-51.23	-13.00	-38.23	1.20 H	146	44.11	-95.34
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3765.00	-50.28	-13.00	-37.28	2.16 V	324	45.06	-95.34

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 26665 (1912.5MHz)	Frequency Range	1GHz ~ 20GHz
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	3825.00	-50.85	-13.00	-37.85	1.23 H	141	44.17	-95.02
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	3825.00	-49.93	-13.00	-36.93	2.08 V	322	45.09	-95.02

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
4. The other EIRP levels were very low against the limit.

LTE Band 25, Channel Bandwidth 20MHz

Mode	TX channel 26140 (1860.0MHz)	Frequency Range	1GHz ~ 20GHz
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	3720.00	-51.49	-13.00	-38.49	1.22 H	143	44.16	-95.65
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3720.00	-50.56	-13.00	-37.56	2.09 V	323	45.09	-95.65

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 26365 (1882.5MHz)	Frequency Range	1GHz ~ 20GHz
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	3765.00	-50.94	-13.00	-37.94	1.28 H	141	44.40	-95.34
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3765.00	-50.14	-13.00	-37.14	2.13 V	326	45.20	-95.34

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 26590 (1905.0MHz)	Frequency Range	1GHz ~ 20GHz
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	3810.00	-50.87	-13.00	-37.87	1.23 H	145	44.18	-95.05
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3810.00	-49.95	-13.00	-36.95	2.15 V	323	45.10	-95.05

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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.

EUT + Antenna 2 (2nd Source)

Below 1GHz

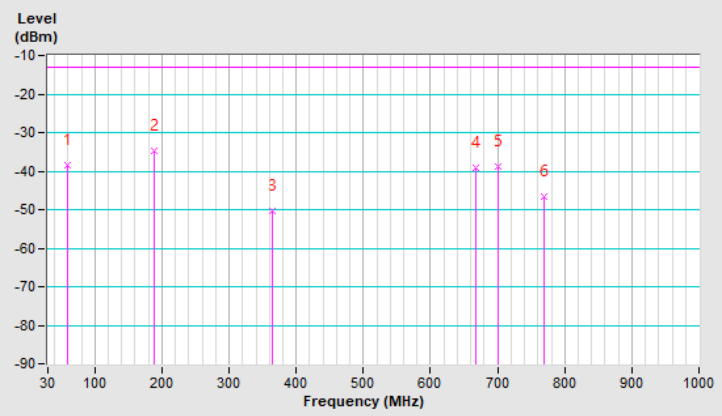
LTE Band 2, Channel Bandwidth 5MHz

Mode	TX channel 19175 (1907.5MHz)	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	59.10	-38.38	-13.00	-25.38	1.49 H	222	70.46	-108.84
2	188.11	-34.88	-13.00	-21.88	1.49 H	164	76.07	-110.95
3	363.68	-50.48	-13.00	-37.48	1.00 H	169	55.76	-106.24
4	667.29	-39.09	-13.00	-26.09	1.00 H	246	60.72	-99.81
5	701.24	-38.65	-13.00	-25.65	1.00 H	167	60.50	-99.15
6	769.14	-46.47	-13.00	-33.47	1.49 H	286	51.79	-98.26

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
4. The other EIRP levels were very low against the limit.

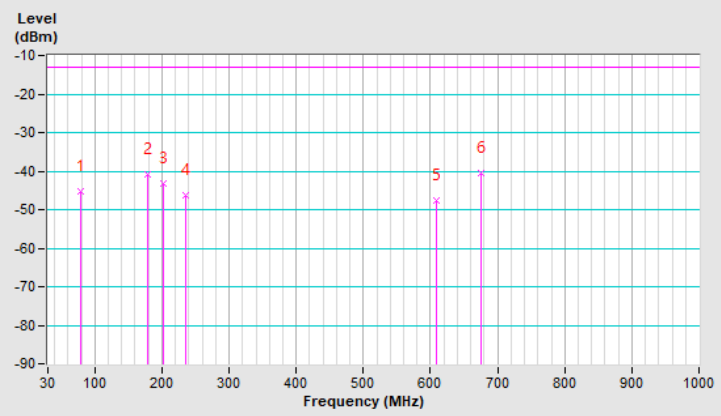


Mode	TX channel 19175 (1907.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	78.50	-45.36	-13.00	-32.36	1.49 V	276	67.54	-112.90
2	179.38	-40.95	-13.00	-27.95	1.49 V	154	68.78	-109.73
3	201.69	-43.34	-13.00	-30.34	1.49 V	169	68.30	-111.64
4	234.67	-46.12	-13.00	-33.12	1.49 V	161	64.05	-110.17
5	608.12	-47.74	-13.00	-34.74	1.49 V	152	52.71	-100.45
6	675.05	-40.56	-13.00	-27.56	1.00 V	246	59.18	-99.74

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.



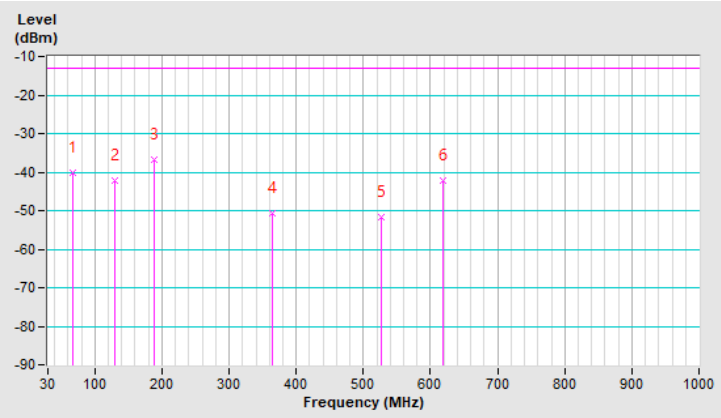
LTE Band 25, Channel Bandwidth 5MHz

Mode	TX channel 26665 (1912.5MHz)	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	-40.16	-13.00	-27.16	2.00 H	250	70.07	-110.23
2	129.91	-42.08	-13.00	-29.08	1.49 H	134	67.56	-109.64
3	188.11	-36.81	-13.00	-23.81	1.49 H	166	74.14	-110.95
4	364.65	-50.67	-13.00	-37.67	1.00 H	9	55.53	-106.20
5	527.61	-51.83	-13.00	-38.83	1.49 H	127	50.70	-102.53
6	618.79	-42.10	-13.00	-29.10	1.49 H	159	58.31	-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.

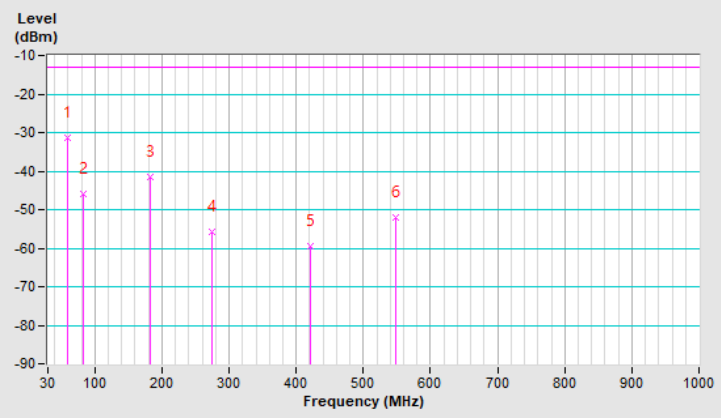


Mode	TX channel 26665 (1912.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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**	**-31.31**	**-13.00**	**-18.31**	**2.00 V**	**251**	**77.53**	**-108.84**
2	82.38	-45.96	-13.00	-32.96	1.00 V	228	67.79	-113.75
3	183.26	-41.67	-13.00	-28.67	1.00 V	224	68.57	-110.24
4	274.44	-55.85	-13.00	-42.85	1.50 V	288	52.49	-108.34
5	420.91	-59.34	-13.00	-46.34	1.00 V	146	45.45	-104.79
6	548.95	-52.17	-13.00	-39.17	1.00 V	315	50.10	-102.27

Remarks:

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



Above 1GHz

LTE Band 2, Channel Bandwidth 1.4MHz

Mode	TX channel 18607 (1850.7MHz)	Frequency Range	1GHz ~ 20GHz
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	3701.40	-50.83	-13.00	-37.83	1.06 H	122	44.94	-95.77
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3701.40	-51.42	-13.00	-38.42	1.98 V	26	44.35	-95.77

Remarks:

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

Mode	TX channel 18900 (1880.0MHz)	Frequency Range	1GHz ~ 20GHz
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	3760.00	-51.10	-13.00	-38.10	1.91 H	32	44.28	-95.38
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3760.00	-51.26	-13.00	-38.26	1.32 V	146	44.12	-95.38

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 19193 (1909.3MHz)	Frequency Range	1GHz ~ 20GHz
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	3818.60	-50.10	-13.00	-37.10	1.11 H	125	44.93	-95.03
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	3818.60	-50.80	-13.00	-37.80	2.02 V	31	44.23	-95.03

Remarks:

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

LTE Band 2, Channel Bandwidth 5MHz

Mode	TX channel 18625 (1852.5MHz)	Frequency Range	1GHz ~ 20GHz
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	3705.00	-50.91	-13.00	-37.91	1.00 H	130	44.84	-95.75
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	3705.00	-51.46	-13.00	-38.46	1.95 V	22	44.29	-95.75

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 18900 (1880.0MHz)	Frequency Range	1GHz ~ 20GHz
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	3760.00	-50.49	-13.00	-37.49	1.07 H	127	44.89	-95.38
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3760.00	-51.07	-13.00	-38.07	2.01 V	21	44.31	-95.38

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 19175 (1907.5MHz)	Frequency Range	1GHz ~ 20GHz
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	3815.00	-50.15	-13.00	-37.15	1.07 H	124	44.89	-95.04
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	3815.00	-50.73	-13.00	-37.73	2.01 V	29	44.31	-95.04

Remarks:

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

LTE Band 2, Channel Bandwidth 20MHz

Mode	TX channel 18700 (1860.0MHz)	Frequency Range	1GHz ~ 20GHz
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	3720.00	-50.54	-13.00	-37.54	1.00 H	128	45.11	-95.65
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3720.00	-51.23	-13.00	-38.23	1.96 V	23	44.42	-95.65

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 18900 (1880.0MHz)	Frequency Range	1GHz ~ 20GHz
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	3760.00	-50.22	-13.00	-37.22	1.07 H	128	45.16	-95.38
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3760.00	-50.89	-13.00	-37.89	1.97 V	21	44.49	-95.38

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 19100 (1900.0MHz)	Frequency Range	1GHz ~ 20GHz
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	3800.00	-50.21	-13.00	-37.21	1.05 H	127	44.87	-95.08
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3800.00	-50.76	-13.00	-37.76	1.95 V	24	44.32	-95.08

Remarks:

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

LTE Band 25, Channel Bandwidth 1.4MHz

Mode	TX channel 26047 (1850.7MHz)	Frequency Range	1GHz ~ 20GHz
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	3701.40	-51.72	-13.00	-38.72	1.04 H	27	44.05	-95.77
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3701.40	-49.11	-13.00	-36.11	1.27 V	303	46.66	-95.77

Remarks:

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

Mode	TX channel 26365 (1882.5MHz)	Frequency Range	1GHz ~ 20GHz
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	3765.00	-51.37	-13.00	-38.37	1.01 H	12	43.97	-95.34
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3765.00	-48.82	-13.00	-35.82	1.16 V	298	46.52	-95.34

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 26683 (1914.3MHz)	Frequency Range	1GHz ~ 20GHz
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	3828.60	-51.05	-13.00	-38.05	1.04 H	22	43.96	-95.01
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	3828.60	-48.40	-13.00	-35.40	1.21 V	296	46.61	-95.01

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
4. The other EIRP levels were very low against the limit.

LTE Band 25, Channel Bandwidth 5MHz

Mode	TX channel 26065 (1852.5MHz)	Frequency Range	1GHz ~ 20GHz
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	3705.00	-51.72	-13.00	-38.72	1.02 H	23	44.03	-95.75
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	3705.00	-49.22	-13.00	-36.22	1.23 V	294	46.53	-95.75

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 26365 (1882.5MHz)	Frequency Range	1GHz ~ 20GHz
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	3765.00	-51.31	-13.00	-38.31	1.06 H	17	44.03	-95.34
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3765.00	-48.76	-13.00	-35.76	1.29 V	301	46.58	-95.34

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 26665 (1912.5MHz)	Frequency Range	1GHz ~ 20GHz
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	3825.00	-50.99	-13.00	-37.99	1.01 H	21	44.03	-95.02
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	3825.00	-48.37	-13.00	-35.37	1.23 V	297	46.65	-95.02

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
4. The other EIRP levels were very low against the limit.

LTE Band 25, Channel Bandwidth 20MHz

Mode	TX channel 26140 (1860.0MHz)	Frequency Range	1GHz ~ 20GHz
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	3720.00	-51.67	-13.00	-38.67	1.03 H	14	43.98	-95.65
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3720.00	-49.08	-13.00	-36.08	1.26 V	297	46.57	-95.65

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 26365 (1882.5MHz)	Frequency Range	1GHz ~ 20GHz
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	3765.00	-51.06	-13.00	-38.06	1.04 H	19	44.28	-95.34
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3765.00	-48.61	-13.00	-35.61	1.20 V	302	46.73	-95.34

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 26590 (1905.0MHz)	Frequency Range	1GHz ~ 20GHz
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	3810.00	-51.08	-13.00	-38.08	1.01 H	24	43.97	-95.05
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3810.00	-48.52	-13.00	-35.52	1.27 V	294	46.53	-95.05

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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.

EUT + Antenna 3

Below 1GHz

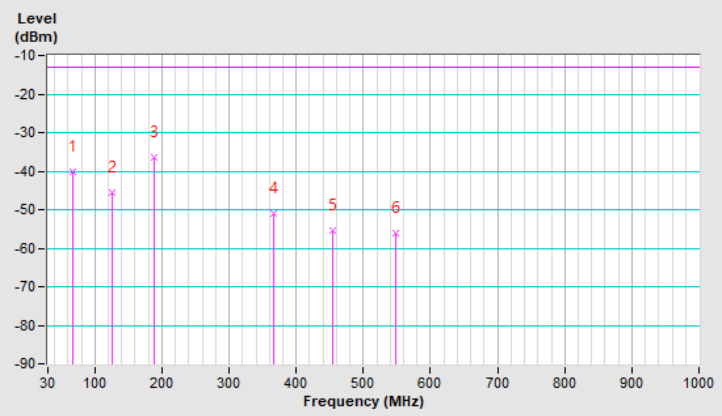
LTE Band 2, Channel Bandwidth 5MHz

Mode	TX channel 19175 (1907.5MHz)	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	-40.08	-13.00	-27.08	2.00 H	256	70.15	-110.23
2	126.03	-45.59	-13.00	-32.59	1.49 H	133	64.34	-109.93
3	189.08	-36.57	-13.00	-23.57	1.49 H	166	74.44	-111.01
4	365.62	-51.18	-13.00	-38.18	1.00 H	291	54.97	-106.15
5	454.86	-55.58	-13.00	-42.58	1.00 H	198	48.08	-103.66
6	547.98	-56.02	-13.00	-43.02	1.49 H	91	46.26	-102.28

Remarks:

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

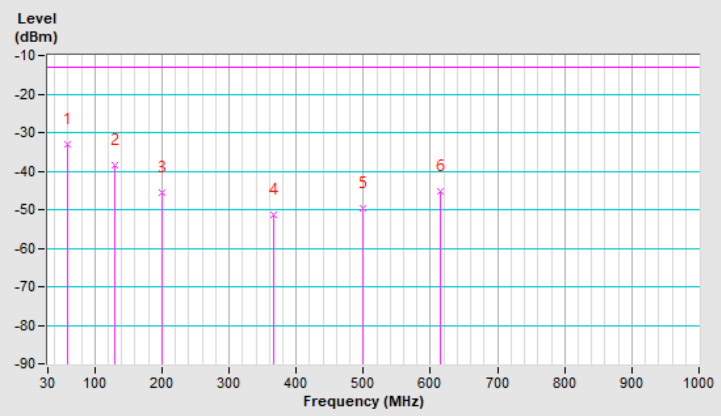


Mode	TX channel 19175 (1907.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	60.07	-32.89	-13.00	-19.89	1.01 V	271	76.31	-109.20
2	129.91	-38.47	-13.00	-25.47	1.01 V	177	71.17	-109.64
3	200.72	-45.50	-13.00	-32.50	2.00 V	268	66.14	-111.64
4	365.62	-51.26	-13.00	-38.26	1.50 V	284	54.89	-106.15
5	499.48	-49.80	-13.00	-36.80	1.50 V	55	53.34	-103.14
6	613.94	-45.25	-13.00	-32.25	1.50 V	335	55.17	-100.42

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.



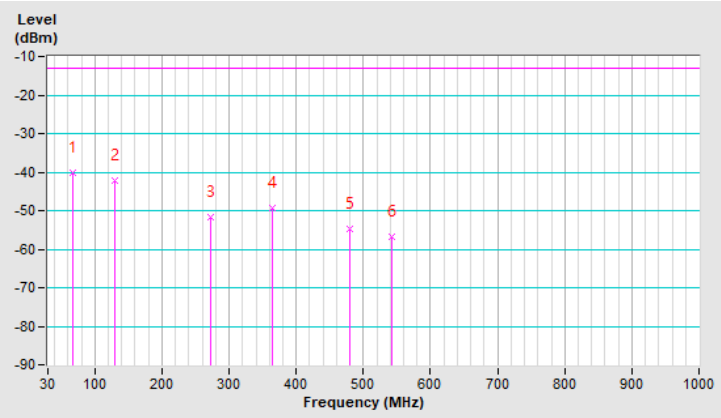
LTE Band 25, Channel Bandwidth 5MHz

Mode	TX channel 26665 (1912.5MHz)	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	-40.12	-13.00	-27.12	2.00 H	254	70.11	-110.23
2	129.91	-42.17	-13.00	-29.17	1.49 H	128	67.47	-109.64
3	273.47	-51.57	-13.00	-38.57	1.00 H	276	56.81	-108.38
4	363.68	-49.18	-13.00	-36.18	1.00 H	16	57.06	-106.24
5	479.11	-54.58	-13.00	-41.58	1.00 H	202	48.80	-103.38
6	543.13	-56.94	-13.00	-43.94	1.49 H	108	45.40	-102.34

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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.

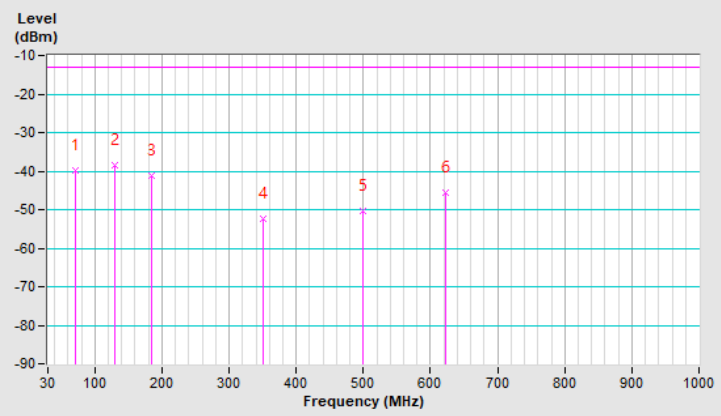


Mode	TX channel 26665 (1912.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21deg. C, 67%RH	Input Power	12Vdc
Tested By	Edison Lee		

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	71.71	-39.98	-13.00	-26.98	2.00 V	279	71.09	-111.07
2	129.91	-38.64	-13.00	-25.64	1.01 V	180	71.00	-109.64
3	185.20	-41.12	-13.00	-28.12	1.01 V	217	69.44	-110.56
4	351.07	-52.53	-13.00	-39.53	1.50 V	236	54.07	-106.60
5	499.48	-50.28	-13.00	-37.28	1.50 V	55	52.86	-103.14
6	622.67	-45.59	-13.00	-32.59	2.00 V	182	54.76	-100.35

Remarks:

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



Above 1GHz

LTE Band 2, Channel Bandwidth 1.4MHz

Mode	TX channel 18607 (1850.7MHz)	Frequency Range	1GHz ~ 20GHz
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	3701.40	-51.02	-13.00	-38.02	1.97 H	211	44.75	-95.77
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3701.40	-49.52	-13.00	-36.52	1.98 V	167	46.25	-95.77

Remarks:

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

Mode	TX channel 18900 (1880.0MHz)	Frequency Range	1GHz ~ 20GHz
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	3760.00	-50.56	-13.00	-37.56	1.84 H	206	44.82	-95.38
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3760.00	-49.17	-13.00	-36.17	2.02 V	169	46.21	-95.38

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 19193 (1909.3MHz)	Frequency Range	1GHz ~ 20GHz
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	3818.60	-50.24	-13.00	-37.24	1.91 H	215	44.79	-95.03
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	3818.60	-48.85	-13.00	-35.85	2.06 V	163	46.18	-95.03

Remarks:

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

LTE Band 2, Channel Bandwidth 5MHz

Mode	TX channel 18625 (1852.5MHz)	Frequency Range	1GHz ~ 20GHz
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	3705.00	-51.03	-13.00	-38.03	1.91 H	211	44.72	-95.75
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	3705.00	-49.57	-13.00	-36.57	2.06 V	163	46.18	-95.75

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 18900 (1880.0MHz)	Frequency Range	1GHz ~ 20GHz
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	3760.00	-50.56	-13.00	-37.56	1.91 H	211	44.82	-95.38
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3760.00	-49.16	-13.00	-36.16	1.91 V	173	46.22	-95.38

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 19175 (1907.5MHz)	Frequency Range	1GHz ~ 20GHz
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	3815.00	-50.22	-13.00	-37.22	1.88 H	213	44.82	-95.04
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	3815.00	-48.79	-13.00	-35.79	2.10 V	174	46.25	-95.04

Remarks:

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

LTE Band 2, Channel Bandwidth 20MHz

Mode	TX channel 18700 (1860.0MHz)	Frequency Range	1GHz ~ 20GHz
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	3720.00	-50.94	-13.00	-37.94	1.89 H	214	44.71	-95.65
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3720.00	-49.44	-13.00	-36.44	2.04 V	169	46.21	-95.65

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 18900 (1880.0MHz)	Frequency Range	1GHz ~ 20GHz
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	3760.00	-50.37	-13.00	-37.37	1.92 H	208	45.01	-95.38
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3760.00	-49.02	-13.00	-36.02	2.01 V	172	46.36	-95.38

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 19100 (1900.0MHz)	Frequency Range	1GHz ~ 20GHz
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	3800.00	-50.34	-13.00	-37.34	1.92 H	213	44.74	-95.08
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3800.00	-48.91	-13.00	-35.91	2.05 V	166	46.17	-95.08

Remarks:

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

LTE Band 25, Channel Bandwidth 1.4MHz

Mode	TX channel 26047 (1850.7MHz)	Frequency Range	1GHz ~ 20GHz
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	3701.40	-50.96	-13.00	-37.96	1.93 H	185	44.81	-95.77
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3701.40	-49.50	-13.00	-36.50	1.11 V	77	46.27	-95.77

Remarks:

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

Mode	TX channel 26365 (1882.5MHz)	Frequency Range	1GHz ~ 20GHz
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	3765.00	-50.44	-13.00	-37.44	1.95 H	186	44.90	-95.34
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3765.00	-49.06	-13.00	-36.06	1.14 V	73	46.28	-95.34

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 26683 (1914.3MHz)	Frequency Range	1GHz ~ 20GHz
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	3828.60	-50.10	-13.00	-37.10	1.99 H	184	44.91	-95.01
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	3828.60	-48.73	-13.00	-35.73	1.14 V	79	46.28	-95.01

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
4. The other EIRP levels were very low against the limit.

LTE Band 25, Channel Bandwidth 5MHz

Mode	TX channel 26065 (1852.5MHz)	Frequency Range	1GHz ~ 20GHz
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	3705.00	-50.92	-13.00	-37.92	1.95 H	187	44.83	-95.75
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	3705.00	-49.51	-13.00	-36.51	1.16 V	79	46.24	-95.75

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 26365 (1882.5MHz)	Frequency Range	1GHz ~ 20GHz
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	3765.00	-50.47	-13.00	-37.47	1.93 H	185	44.87	-95.34
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3765.00	-49.08	-13.00	-36.08	1.13 V	74	46.26	-95.34

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 26665 (1912.5MHz)	Frequency Range	1GHz ~ 20GHz
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	3825.00	-50.11	-13.00	-37.11	1.94 H	183	44.91	-95.02
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	3825.00	-48.70	-13.00	-35.70	1.15 V	73	46.32	-95.02

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
4. The other EIRP levels were very low against the limit.

LTE Band 25, Channel Bandwidth 20MHz

Mode	TX channel 26140 (1860.0MHz)	Frequency Range	1GHz ~ 20GHz
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	3720.00	-50.82	-13.00	-37.82	1.94 H	181	44.83	-95.65
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3720.00	-49.31	-13.00	-36.31	1.18 V	74	46.34	-95.65

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 26365 (1882.5MHz)	Frequency Range	1GHz ~ 20GHz
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	3765.00	-50.18	-13.00	-37.18	1.95 H	183	45.16	-95.34
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3765.00	-48.83	-13.00	-35.83	1.13 V	73	46.51	-95.34

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 26590 (1905.0MHz)	Frequency Range	1GHz ~ 20GHz
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	3810.00	-50.12	-13.00	-37.12	1.81 H	184	44.93	-95.05
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3810.00	-48.74	-13.00	-35.74	1.11 V	158	46.31	-95.05

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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.

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.

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

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