FCC Test Report
(Part 22, Part 24, Part 27 – n5A + LTE B2/B66)

Report No.: RFBBQZ-WTW-P20120749-6

FCC ID: PY320400515

Test Model: MR5100C

Received Date: Dec. 23, 2020

Test Date: Jan. 05 ~ Feb. 17, 2021

Issued Date: Feb. 17, 2021

Applicant and Manufacturer: NETGEAR INC.

Address: 350 East Plumeria Drive, San Jose, CA 95134, USA

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

Lin Kou Laboratories

Lab Address: No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan

Test Location: No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City 33383, TAIWAN

FCC Registration / Designation Number: 788550 / TW0003

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Release Control Record

Issue No.	Description	Date Issued
RFBBQZ-WTW-P20120749-6	Original release	Feb. 17, 2021

1 Certificate of Conformity

Product: 5G MHS Travel Router

Brand: Netgear

Test Model: MR5100C

Sample Status: Engineering sample

Applicant: NETGEAR INC.

Test Date: Jan. 05 ~ Feb. 17, 2021

Standards: FCC Part 22, Subpart H
FCC Part 24, Subpart E
FCC Part 27, Subpart L

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:** Feb. 17, 2021
Celine Chou / Senior Specialist

Approved by : Bruce Chen , **Date:** Feb. 17, 2021
Bruce Chen / Senior Project Engineer

2 Summary of Test Results

For n5

Applied Standard: FCC Part 22 & Part 2			
FCC Clause	Test Item	Result	Remarks
2.1046 22.913 (a)	Effective radiated power	Pass	Meet the requirement of limit.
2.1047	Modulation Characteristics	Pass	Meet the requirement
22.913 (d)	Peak To Average Ratio	Pass	Meet the requirement of limit.
2.1055 22.355	Frequency Stability	Pass	Meet the requirement of limit.
2.1049	Occupied Bandwidth	Pass	Meet the requirement of limit.
22.917	Band Edge Measurements	Pass	Meet the requirement of limit.
2.1051 22.917	Conducted Spurious Emissions	Pass	Meet the requirement of limit.
2.1053 22.917	Radiated Spurious Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -29.58dB at 86.23MHz.

Note: Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

For LTE Band 2

Applied Standard: FCC Part 24 & Part 2			
FCC Clause	Test Item	Result	Remarks
2.1046 24.232	Effective radiated power	Pass	Meet the requirement of limit.
2.1046 24.232 (d)	Peak To Average Ratio	Pass	Meet the requirement of limit.
2.1047	Modulation Characteristics	Pass	Meet the requirement
2.1055 24.235	Frequency Stability	Pass	Meet the requirement of limit.
2.1049 24.238 (b)	Occupied Bandwidth	Pass	Meet the requirement of limit.
24.238 (b)	Band Edge Measurements	Pass	Meet the requirement of limit.
2.1051 24.238	Conducted Spurious Emissions	Pass	Meet the requirement of limit.
2.1053 24.238	Radiated Spurious Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -24.22dB at 62.33MHz.

Note: Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

For LTE Band 66

Applied Standard: FCC Part 27 & Part 2			
FCC Clause	Test Item	Result	Remarks
2.1046 27.50 (d)(4)	Equivalent Isotropically Radiated Power	Pass	Meet the requirement of limit.
2.1047	Modulation Characteristics	Pass	Meet the requirement of limit.
27.50 (d)(5)	Peak To Average Ratio	Pass	Meet the requirement of limit.
2.1055 27.54	Frequency Stability Stay with the authorized bands of operation	Pass	Meet the requirement of limit.
2.1049	Occupied Bandwidth	Pass	Meet the requirement of limit.
2.1051 27.53 (h)	Band Edge Measurements	Pass	Meet the requirement of limit.
2.1051 27.53 (h)	Conducted Spurious Emissions	Pass	Meet the requirement of limit.
2.1053 27.53 (h)	Radiated Spurious Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -24.40dB at 62.33MHz.

Note: 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	3.04 dB
	30MHz ~ 200MHz	3.59 dB
	200MHz ~1000MHz	3.60 dB
Radiated Emissions above 1 GHz	1GHz ~ 18GHz	2.29 dB
	18GHz ~ 40GHz	2.29 dB

2.2 Test Site and Instruments

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Test Receiver KEYSIGHT	N9038A	MY55420137	Apr. 16, 2020	Apr. 15, 2021
Spectrum Analyzer ROHDE & SCHWARZ	FSP40	100039	Jun. 12, 2020	Jun. 11, 2021
Spectrum Analyzer ROHDE & SCHWARZ	FSW43	101582	Mar. 31, 2020	Mar. 30, 2021
MXG Vector signal generator Agilent	N5182B	MY53050430	Nov. 25, 2020	Nov. 24, 2021
5G Wireless Test Platforms Keysight	E7515B	MY58300759	Apr. 18, 2020	Apr. 17, 2021
BILOG Antenna SCHWARZBECK	VULB9168	9168-472	Nov. 06, 2020	Nov. 05, 2021
HORN Antenna SCHWARZBECK	BBHA 9120D	9120D-969	Nov. 22, 2020	Nov. 21, 2021
BILOG Antenna SCHWARZBECK	VULB9168	9168-160	Nov. 06, 2020	Nov. 05, 2021
HORN Antenna SCHWARZBECK	BBHA 9120 D	9120D-1169	Nov. 22, 2020	Nov. 21, 2021
HORN Antenna SCHWARZBECK	BBHA 9170	BBHA9170241	Nov. 22, 2020	Nov. 21, 2021
Preamplifier Agilent (Below 1GHz)	8447D	2944A10638	Jun. 08, 2020	Jun. 07, 2021
Preamplifier Agilent (Above 1GHz)	8449B	3008A02367	Feb. 18, 2020	Feb. 17, 2021
RF signal cable HUBER+SUHNER&EMCI	SUCOFLEX 104 & EMC104-SM-SM8000	CABLE-CH9-02 (248780+171006)	Jan. 18, 2020	Jan. 17, 2021
			Jan. 16, 2021	Jan. 15, 2022
RF signal cable HUBER+SUHNER	SUCOFLEX 104	CABLE-CH9-(250795/4)	Jan. 18, 2020	Jan. 17, 2021
			Jan. 16, 2021	Jan. 15, 2022
RF signal cable Woken	8D-FB	Cable-CH9-01	Jun. 08, 2020	Jun. 07, 2021
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	NA	NA	NA
Antenna Tower EMCO	2070/2080	512.835.4684	NA	NA
Turn Table EMCO	2087-2.03	NA	NA	NA
Antenna Tower &Turn BV ADT	AT100	AT93021705	NA	NA
Turn Table BV ADT	TT100	TT93021705	NA	NA
Turn Table Controller BV ADT	SC100	SC93021705	NA	NA
Boresight Antenna Fixture	FBA-01	FBA-SIP01	NA	NA
Standard Temperature And Humidity Chamber GIANT FORCE	GTH-120-40-CP-AR	MAA1306-019	Sep. 10, 2020	Sep. 09, 2021

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
JFW 20dB attenuation	50HF-020-SMA	NA	NA	NA
True RMS Clamp Meter Fluke	325	31130711WS	Jun. 06, 2020	Jun. 05, 2021
DC power supply Keysight	U8002A	MY56330015	NA	NA

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 HwaYa Chamber 9.

3 General Information

3.1 General Description of EUT

Product	5G MHS Travel Router
Brand	Netgear
Test Model	MR5100C
Sample Status	Engineering sample
Power Supply Rating	5 or 9Vdc (adapter) 5Vdc (host equipment) 3.85Vdc (battery)

n5

Modulation Type	$\pi/2$ BPSK, QPSK, 16QAM, 64QAM, 256QAM					
Waveform Type	CP-OFDM, DFT-s-OFDM					
Operating Frequency	n5 (Channel Bandwidth 5MHz)	826.5MHz ~ 846.5MHz				
	n5 (Channel Bandwidth 10MHz)	829.0MHz ~ 844.0MHz				
	n5 (Channel Bandwidth 15MHz)	831.5MHz ~ 841.5MHz				
	n5 (Channel Bandwidth 20MHz)	834.0MHz ~ 839.0MHz				
Max. ERP Power (Internal Antenna)		$\pi/2$ BPSK	QPSK	16QAM	64QAM	256QAM
	n5 (Channel Bandwidth 5MHz)	308.319mW (24.89dBm)	213.796mW (23.30dBm)	169.824mW (22.30dBm)	147.911mW (21.70dBm)	102.329mW (20.10dBm)
	n5 (Channel Bandwidth 10MHz)	319.154mW (25.04dBm)	218.776mW (23.40dBm)	173.780mW (22.40dBm)	158.489mW (22.00dBm)	112.202mW (20.50dBm)
	n5 (Channel Bandwidth 15MHz)	318.420mW (25.03dBm)	204.174mW (23.10dBm)	158.489mW (22.00dBm)	141.254mW (21.50dBm)	97.724mW (19.90dBm)
	n5 (Channel Bandwidth 20MHz)	326.588mW (25.14dBm)	213.796mW (23.30dBm)	169.824mW (22.30dBm)	147.911mW (21.70dBm)	107.152mW (20.30dBm)
Max. ERP Power (External Antenna)		$\pi/2$ BPSK	QPSK	16QAM	64QAM	256QAM
	n5 (Channel Bandwidth 5MHz)	171.396mW (22.34dBm)	109.648mW (20.40dBm)	89.125mW (19.50dBm)	81.283mW (19.10dBm)	56.234mW (17.50dBm)
	n5 (Channel Bandwidth 10MHz)	169.044mW (22.28dBm)	117.490mW (20.70dBm)	102.329mW (20.10dBm)	91.201mW (19.60dBm)	64.565mW (18.10dBm)
	n5 (Channel Bandwidth 15MHz)	171.002mW (22.33dBm)	123.027mW (20.90dBm)	102.329mW (20.10dBm)	93.325mW (19.70dBm)	67.608mW (18.30dBm)
	n5 (Channel Bandwidth 20MHz)	179.473mW (22.54dBm)	117.490mW (20.70dBm)	89.125mW (19.50dBm)	79.433mW (19.00dBm)	53.703mW (17.30dBm)
Emission Designator		$\pi/2$ BPSK	QPSK	16QAM	64QAM	256QAM
	n5 (Channel Bandwidth 5MHz)	4M47G7D	4M47G7D	4M47D7W	4M47D7W	4M47D7W
	n5 (Channel Bandwidth 10MHz)	9M21G7D	9M29G7D	9M28D7W	9M26D7W	9M29D7W
	n5 (Channel Bandwidth 15MHz)	14M0G7D	14M1G7D	14M1D7W	14M1D7W	14M1D7W
	n5 (Channel Bandwidth 20MHz)	18M7G7D	18M9G7D	18M9D7W	18M9D7W	18M9D7W

LTE Band

Modulation Type	QPSK, 16QAM, 64QAM, 256QAM				
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 66 (Channel Bandwidth 1.4MHz)	1710.7MHz ~ 1779.3MHz			
	LTE Band 66 (Channel Bandwidth 3MHz)	1711.5MHz ~ 1778.5MHz			
	LTE Band 66 (Channel Bandwidth 5MHz)	1712.5MHz ~ 1777.5MHz			
	LTE Band 66 (Channel Bandwidth 10MHz)	1715.0MHz ~ 1775.0MHz			
	LTE Band 66 (Channel Bandwidth 15MHz)	1717.5MHz ~ 1772.5MHz			
	LTE Band 66 (Channel Bandwidth 20MHz)	1720.0MHz ~ 1770.0MHz			
Max. EIRP Power (Internal Antenna)		QPSK	16QAM	64QAM	256QAM
	LTE Band 2 (Channel Bandwidth 1.4MHz)	113.501mW (20.55dBm)	83.176mW (19.20dBm)	72.444mW (18.60dBm)	52.481mW (17.20dBm)
	LTE Band 2 (Channel Bandwidth 3MHz)	120.226mW (20.80dBm)	97.724mW (19.90dBm)	85.114mW (19.30dBm)	58.884mW (17.70dBm)
	LTE Band 2 (Channel Bandwidth 5MHz)	112.202mW (20.50dBm)	93.325mW (19.70dBm)	83.176mW (19.20dBm)	58.884mW (17.70dBm)
	LTE Band 2 (Channel Bandwidth 10MHz)	117.490mW (20.70dBm)	93.325mW (19.70dBm)	81.283mW (19.10dBm)	57.544mW (17.60dBm)
	LTE Band 2 (Channel Bandwidth 15MHz)	112.460mW (20.51dBm)	83.176mW (19.20dBm)	75.858mW (18.80dBm)	52.481mW (17.20dBm)
	LTE Band 2 (Channel Bandwidth 20MHz)	120.226mW (20.80dBm)	97.724mW (19.90dBm)	89.125mW (19.50dBm)	61.660mW (17.90dBm)
	LTE Band 66 (Channel Bandwidth 1.4MHz)	120.226mW (20.80dBm)	91.201mW (19.60dBm)	83.176mW (19.20dBm)	57.544mW (17.60dBm)
	LTE Band 66 (Channel Bandwidth 3MHz)	112.202mW (20.50dBm)	89.125mW (19.50dBm)	77.625mW (18.90dBm)	54.954mW (17.40dBm)
	LTE Band 66 (Channel Bandwidth 5MHz)	120.226mW (20.80dBm)	93.325mW (19.70dBm)	85.114mW (19.30dBm)	60.256mW (17.80dBm)
	LTE Band 66 (Channel Bandwidth 10MHz)	114.815mW (20.60dBm)	93.325mW (19.70dBm)	81.283mW (19.10dBm)	58.884mW (17.70dBm)
	LTE Band 66 (Channel Bandwidth 15MHz)	117.490mW (20.70dBm)	95.499mW (19.80dBm)	87.096mW (19.40dBm)	60.256mW (17.80dBm)
	LTE Band 66 (Channel Bandwidth 20MHz)	120.226mW (20.80dBm)	93.325mW (19.70dBm)	85.114mW (19.30dBm)	58.884mW (17.70dBm)

		QPSK	16QAM	64QAM	256QAM
Max. EIRP Power (External Antenna)	LTE Band 2 (Channel Bandwidth 1.4MHz)	81.283mW (19.10dBm)	64.565mW (18.10dBm)	58.884mW (17.70dBm)	41.687mW (16.20dBm)
	LTE Band 2 (Channel Bandwidth 3MHz)	81.658mW (19.12dBm)	64.565mW (18.10dBm)	57.544mW (17.60dBm)	41.687mW (16.20dBm)
	LTE Band 2 (Channel Bandwidth 5MHz)	84.140mW (19.25dBm)	61.660mW (17.90dBm)	56.234mW (17.50dBm)	39.811mW (16.00dBm)
	LTE Band 2 (Channel Bandwidth 10MHz)	81.283mW (19.10dBm)	61.660mW (17.90dBm)	56.234mW (17.50dBm)	40.738mW (16.10dBm)
	LTE Band 2 (Channel Bandwidth 15MHz)	82.414mW (19.16dBm)	66.069mW (18.20dBm)	60.256mW (17.80dBm)	43.652mW (16.40dBm)
	LTE Band 2 (Channel Bandwidth 20MHz)	84.918mW (19.29dBm)	64.565mW (18.10dBm)	56.234mW (17.50dBm)	39.811mW (16.00dBm)
	LTE Band 66 (Channel Bandwidth 1.4MHz)	110.154mW (20.42dBm)	85.114mW (19.30dBm)	77.625mW (18.90dBm)	53.703mW (17.30dBm)
	LTE Band 66 (Channel Bandwidth 3MHz)	111.944mW (20.49dBm)	75.858mW (18.80dBm)	67.608mW (18.30dBm)	48.978mW (16.90dBm)
	LTE Band 66 (Channel Bandwidth 5MHz)	112.202mW (20.50dBm)	83.176mW (19.20dBm)	74.131mW (18.70dBm)	51.286mW (17.10dBm)
	LTE Band 66 (Channel Bandwidth 10MHz)	112.202mW (20.50dBm)	85.114mW (19.30dBm)	75.858mW (18.80dBm)	52.481mW (17.20dBm)
	LTE Band 66 (Channel Bandwidth 15MHz)	112.202mW (20.50dBm)	85.114mW (19.30dBm)	77.625mW (18.90dBm)	54.954mW (17.40dBm)
	LTE Band 66 (Channel Bandwidth 20MHz)	114.815mW (20.60dBm)	83.176mW (19.20dBm)	72.444mW (18.60dBm)	51.286mW (17.10dBm)
Emission Designator		QPSK	16QAM	64QAM	256QAM
	LTE Band 2 (Channel Bandwidth 1.4MHz)	1M09G7D	1M09G7D	1M09D7W	1M09D7W
	LTE Band 2 (Channel Bandwidth 3MHz)	2M70G7D	2M70G7D	2M70D7W	2M70D7W
	LTE Band 2 (Channel Bandwidth 5MHz)	4M49G7D	4M49G7D	4M50D7W	4M49D7W
	LTE Band 2 (Channel Bandwidth 10MHz)	8M96G7D	8M96G7D	8M96D7W	8M96D7W
	LTE Band 2 (Channel Bandwidth 15MHz)	13M5G7D	13M5G7D	13M4D7W	13M5D7W
	LTE Band 2 (Channel Bandwidth 20MHz)	17M9G7D	17M9G7D	17M9D7W	17M9D7W
	LTE Band 66 (Channel Bandwidth 1.4MHz)	1M09G7D	1M09G7D	1M09D7W	1M09D7W
	LTE Band 66 (Channel Bandwidth 3MHz)	2M70G7D	2M70G7D	2M70D7W	2M70D7W
	LTE Band 66 (Channel Bandwidth 5MHz)	4M49G7D	4M49G7D	4M50D7W	4M49D7W
	LTE Band 66 (Channel Bandwidth 10MHz)	8M96G7D	8M96G7D	8M96D7W	8M95D7W
	LTE Band 66 (Channel Bandwidth 15MHz)	13M5G7D	13M5G7D	13M4D7W	13M5D7W
	LTE Band 66 (Channel Bandwidth 20MHz)	17M9G7D	18M0G7D	18M0D7W	18M0D7W
Antenna Type	Refer to Note				
Antenna Connector	Refer to Note				
Accessory Device	Adapter x1, battery x1				
Cable Supplied	1m shielded USB cable without core (Brand: NIENYI, model: NYS2371-1)				

Output Power / Emission Designator	n5 + LTE Band 2 (Internal Antenna)		Maximum EIRP	Sum Bandwidth
		n5	326.588mW (25.14dBm)	36M6G7D
		LTE Band 2 (EIRP)	120.226mW (20.80dBm	
			ERP	MAX Sum Bandwidth
		n5	213.796mW (23.30dBm)	36M8G7D
		LTE Band 2 (EIRP)	120.226mW (20.80dBm)	
	n5 + LTE Band 2 (External Antenna)		Maximum ERP	Sum Bandwidth
		n5	179.473mW (22.54dBm)	36M6G7D
		LTE Band 2 (EIRP)	84.918mW (19.29dBm)	
			ERP	MAX Sum Bandwidth
		n5	117.490mW (20.70dBm)	36M8G7D
		LTE Band 2 (EIRP)	84.918mW (19.29dBm)	
	n5 + LTE Band 66 (Internal Antenna)		Maximum ERP	Sum Bandwidth
		n5	326.588mW (25.14dBm)	36M6G7D
		LTE Band 66 (EIRP)	120.226mW (20.80dBm)	
			ERP	MAX Sum Bandwidth
		n5	213.796mW (23.30dBm)	36M9G7D
		LTE Band 66 (EIRP)	120.226mW (20.80dBm)	
	n5 + LTE Band 66 (External Antenna)		Maximum ERP	Sum Bandwidth
		n5	179.473mW (22.54dBm)	36M6G7D
		LTE Band 66 (EIRP)	114.815mW (20.60dBm)	
			ERP	MAX Sum Bandwidth
		n5	117.490mW (20.70dBm)	36M9G7D
		LTE Band 66 (EIRP)	114.815mW (20.60dBm)	

Note:

1. The EUT uses following adapter and battery.

Adapter	
Brand	NETGEAR
Model	AD2122F20
P/N	332-11106-01
Input Power	100-240Vac, 50-60Hz, 0.5A
Output Power	5Vdc, 2.0A 9Vdc, 1.8A

Battery	
Brand	NETGEAR
Model	W-20
Rating	3.85Vdc ,19.40Wh

2. The following antennas were provided to the EUT.

Internal Antenna

No.	Type	Connector	Gain (dBi)												
			B2	B4	B5	B7	B12	B13	B17	B25	B30	B38	B41	B66	B71
1	Monopole	NA	1.83	-0.01	-0.23	2.66	1.24	0.16	1.24	1.83	2.81	2.66	2.66	-0.01	0.91
2	Monopole	NA	1.03	-	-0.38	2.56	-	-	-	1.03	-	-	-	0.34	-

External Antenna

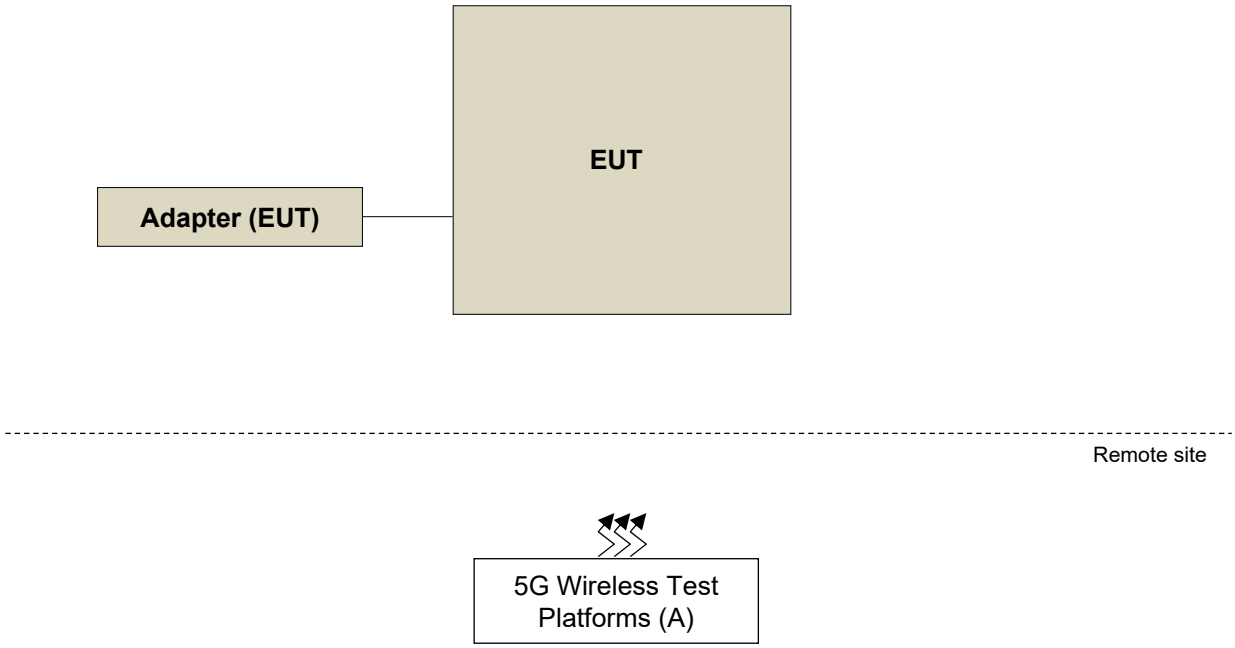
No.	Type	Connector	Gain (dBi)												
			B2	B4	B5	B7	B12	B13	B17	B25	B30	B38	B41	B66	B71
1	Monopole	TS-9 plugs	0.48	0.48	0.54	0.24	0.54	0.54	0.54	0.48	0.24	0.24	0.24	0.48	0.54
2	Monopole	TS-9 plugs	0.25	0.25	0.48	0.28	0.48	0.48	0.48	0.25	0.28	0.28	0.28	0.25	0.48

* 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. The EUT supports the following ENDC configuration.

	FCC 5G FR1			ENDC
	Band	SCS	Bandwidth (MHz)	
5GNR	n5	15kHz	5/10/15/20	Band 2/66
	n25	15kHz	5/10/15/20	Band 12/66
	n66	15kHz	5/10/15/20/30/40	Band 2/5/7/12/13
	n71	15kHz	5/10/15/20	Band 2/7/66

3.2 Configuration of System under Test



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.	5G Wireless Test Platforms	Keysight	E7515B	MY58300759	NA	-

Note:

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

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 worst case was found when positioned as the table below. Following channel(s) was (were) selected for the final test as listed below:

Band	ERP/EIRP		Radiated Emission	
	Internal Antenna	External Antenna	Internal Antenna	External Antenna
n5	X-plane	Z-plane	X-plane	Z-plane
LTE Band 2	Z-plane	Z-plane	Z-plane	Z-plane
LTE Band 66	Z-plane	Z-plane	Z-plane	Z-plane

n5

EUT Configure Mode	Test item	Available channel	Tested channel	Channel Bandwidth	Modulation	Mode
-	ERP	165300 to 169300	165300 (826.5MHz), 167300 (836.5MHz), 169300 (846.5MHz)	5MHz	$\pi/2$ BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB / 1 RB Offset
		165800 to 168800	165800 (829.0MHz), 167300 (836.5MHz), 168800 (844.0MHz)	10MHz	$\pi/2$ BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB / 1 RB Offset
		166300 to 168300	166300 (831.5MHz), 167300 (836.5MHz), 168300 (841.5MHz)	15MHz	$\pi/2$ BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB / 1 RB Offset
		166800 to 167800	166800 (834.0MHz), 167300 (836.5MHz), 167800 (839.0MHz)	20MHz	$\pi/2$ BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB / 1 RB Offset
-	Modulation characteristics	166800 to 167800	167300 (836.5MHz)	20MHz	$\pi/2$ BPSK / QPSK / 16QAM / 64QAM / 256QAM	106 RB / 0 RB Offset
-	Frequency Stability	165300 to 169300	165300 (826.5MHz), 169300 (846.5MHz)	5MHz	$\pi/2$ BPSK	25 RB / 0 RB Offset
		165800 to 168800	165800 (829.0MHz), 168800 (844.0MHz)	10MHz	$\pi/2$ BPSK	52 RB / 0 RB Offset
		166300 to 168300	166300 (831.5MHz), 168300 (841.5MHz)	15MHz	$\pi/2$ BPSK	79 RB / 0 RB Offset
		166800 to 167800	166800 (834.0MHz), 167800 (839.0MHz)	20MHz	$\pi/2$ BPSK	106 RB / 0 RB Offset
-	Occupied Bandwidth	165300 to 169300	165300 (826.5MHz), 167300 (836.5MHz), 169300 (846.5MHz)	5MHz	$\pi/2$ BPSK / QPSK / 16QAM / 64QAM / 256QAM	25 RB / 0 RB Offset
		165800 to 168800	165800 (829.0MHz), 167300 (836.5MHz), 168800 (844.0MHz)	10MHz	$\pi/2$ BPSK / QPSK / 16QAM / 64QAM / 256QAM	52 RB / 0 RB Offset
		166300 to 168300	166300 (831.5MHz), 167300 (836.5MHz), 168300 (841.5MHz)	15MHz	$\pi/2$ BPSK / QPSK / 16QAM / 64QAM / 256QAM	79 RB / 0 RB Offset
		166800 to 167800	166800 (834.0MHz), 167300 (836.5MHz), 167800 (839.0MHz)	20MHz	$\pi/2$ BPSK / QPSK / 16QAM / 64QAM / 256QAM	106 RB / 0 RB Offset

EUT Configure Mode	Test item	Available channel	Tested channel	Channel Bandwidth	Modulation	Mode
-	Band Edge	165300 to 169300	165300 (826.5MHz), 169300 (846.5MHz)	5MHz	$\pi/2$ BPSK	1 RB / 0 RB Offset 1 RB / 24 RB Offset 25 RB / 0 RB Offset
		165800 to 168800	165800 (829.0MHz), 168800 (844.0MHz)	10MHz	$\pi/2$ BPSK	1 RB / 0 RB Offset 1 RB / 51 RB Offset 52 RB / 0 RB Offset
		166300 to 168300	166300 (831.5MHz), 168300 (841.5MHz)	15MHz	$\pi/2$ BPSK	1 RB / 0 RB Offset 1 RB / 78 RB Offset 79 RB / 0 RB Offset
		166800 to 167800	166800 (834.0MHz), 167800 (839.0MHz)	20MHz	$\pi/2$ BPSK	1 RB / 0 RB Offset 1 RB / 105 RB Offset 106 RB / 0 RB Offset
-	Peak to Average Ratio	165300 to 169300	165300 (826.5MHz), 167300 (836.5MHz), 169300 (846.5MHz)	5MHz	$\pi/2$ BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB / 1 RB Offset
		165800 to 168800	165800 (829.0MHz), 167300 (836.5MHz), 168800 (844.0MHz)	10MHz	$\pi/2$ BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB / 1 RB Offset
		166300 to 168300	166300 (831.5MHz), 167300 (836.5MHz), 168300 (841.5MHz)	15MHz	$\pi/2$ BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB / 1 RB Offset
		166800 to 167800	166800 (834.0MHz), 167300 (836.5MHz), 167800 (839.0MHz)	20MHz	$\pi/2$ BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB / 1 RB Offset
-	Conducted Emission	165300 to 169300	165300 (826.5MHz), 167300 (836.5MHz), 169300 (846.5MHz)	5MHz	$\pi/2$ BPSK	1 RB / 1 RB Offset
		165800 to 168800	165800 (829.0MHz), 167300 (836.5MHz), 168800 (844.0MHz)	10MHz	$\pi/2$ BPSK	1 RB / 1 RB Offset
		166300 to 168300	166300 (831.5MHz), 167300 (836.5MHz), 168300 (841.5MHz)	15MHz	$\pi/2$ BPSK	1 RB / 1 RB Offset
		166800 to 167800	166800 (834.0MHz), 167300 (836.5MHz), 167800 (839.0MHz)	20MHz	$\pi/2$ BPSK	1 RB / 1 RB Offset
-	Radiated Emission Below 1GHz	166800 to 167800	167800 (839.0MHz)	20MHz	$\pi/2$ BPSK	1 RB / 1 RB Offset
-	Radiated Emission Above 1GHz	165300 to 169300	165300 (826.5MHz), 167300 (836.5MHz), 169300 (846.5MHz)	5MHz	$\pi/2$ BPSK	1 RB / 1 RB Offset
		166800 to 167800	166800 (834.0MHz), 167300 (836.5MHz), 167800 (839.0MHz)	20MHz	$\pi/2$ BPSK	1 RB / 1 RB Offset

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 38.521-1 Section 6.5.3.1.4, choose the lowest and highest channel bandwidth for final test.
3. The output power for $\pi/2$ BPSK, QPSK, 16QAM, 64QAM and 256QAM, measured value of $\pi/2$ BPSK is higher than QPSK, 16QAM, 64QAM and 256QAM mode. Therefore, only Modulation characteristics, occupied bandwidth and Peak to average ratio items had been tested under $\pi/2$ BPSK, QPSK, 16QAM, 64QAM and 256QAM modes, the other test items were performed under $\pi/2$ BPSK mode only.

LTE Band 2

EUT Configure Mode	Test item	Available channel	Tested Channel	Channel Bandwidth	Modulation	Mode
-	EIRP	18607 to 19193	18607 (1850.7MHz), 18900 (1880.0MHz), 19193 (1909.3MHz)	1.4MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		18615 to 19185	18615 (1851.5MHz), 18900 (1880.0MHz), 19185 (1908.5MHz)	3MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		18625 to 19175	18625 (1852.5MHz), 18900 (1880.0MHz), 19175 (1907.5MHz)	5MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		18650 to 19150	18650 (1855.0MHz), 18900 (1880.0MHz), 19150 (1905.0MHz)	10MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		18675 to 19125	18675 (1857.5MHz), 18900 (1880.0MHz), 19125 (1902.5MHz)	15MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		18700 to 19100	18700 (1860.0MHz), 18900 (1880.0MHz), 19100 (1900.0MHz)	20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
-	Modulation Characteristics	18700 to 19100	18900 (1880.0MHz)	20MHz	QPSK / 16QAM / 64QAM / 256QAM	100 RB / 0 RB Offset
-	Frequency Stability	18607 to 19193	18607 (1850.7MHz), 19193 (1909.3MHz)	1.4MHz	QPSK	6 RB / 0 RB Offset
		18615 to 19185	18615 (1851.5MHz), 19185 (1908.5MHz)	3MHz	QPSK	15 RB / 0 RB Offset
		18625 to 19175	18625 (1852.5MHz), 19175 (1907.5MHz)	5MHz	QPSK	25 RB / 0 RB Offset
		18650 to 19150	18650 (1855.0MHz), 19150 (1905.0MHz)	10MHz	QPSK	50 RB / 0 RB Offset
		18675 to 19125	18675 (1857.5MHz), 19125 (1902.5MHz)	15MHz	QPSK	75 RB / 0 RB Offset
		18700 to 19100	18700 (1860.0MHz), 19100 (1900.0MHz)	20MHz	QPSK	100 RB / 0 RB Offset
-	Occupied Bandwidth	18607 to 19193	18607 (1850.7MHz), 18900 (1880.0MHz), 19193 (1909.3MHz)	1.4MHz	QPSK / 16QAM / 64QAM / 256QAM	6 RB / 0RB Offset
		18615 to 19185	18615 (1851.5MHz), 18900 (1880.0MHz), 19185 (1908.5MHz)	3MHz	QPSK / 16QAM / 64QAM / 256QAM	15 RB / 0RB Offset
		18625 to 19175	18625 (1852.5MHz), 18900 (1880.0MHz), 19175 (1907.5MHz)	5MHz	QPSK / 16QAM / 64QAM / 256QAM	25RB / 0RB Offset
		18650 to 19150	18650 (1855.0MHz), 18900 (1880.0MHz), 19150 (1905.0MHz)	10MHz	QPSK / 16QAM / 64QAM / 256QAM	50RB / 0RB Offset
		18675 to 19125	18675 (1857.5MHz), 18900 (1880.0MHz), 19125 (1902.5MHz)	15MHz	QPSK / 16QAM / 64QAM / 256QAM	75 RB / 0 RB Offset
		18700 to 19100	18700 (1860.0MHz), 18900 (1880.0MHz), 19100 (1900.0MHz)	20MHz	QPSK / 16QAM / 64QAM / 256QAM	100 RB / 0 RB Offset

EUT Configure Mode	Test item	Available channel	Tested Channel	Channel Bandwidth	Modulation	Mode
-	Band Edge	18607 to 19193	18607 (1850.7MHz), 19193 (1909.3MHz)	1.4MHz	QPSK	1 RB / 0 RB Offset 1 RB / 5 RB Offset 6 RB / 0 RB Offset
		18615 to 19185	18615 (1851.5MHz), 19185 (1908.5MHz)	3MHz	QPSK	1 RB / 0 RB Offset 1 RB / 14 RB Offset 15 RB / 0 RB Offset
		18625 to 19175	18625 (1852.5MHz), 19175 (1907.5MHz)	5MHz	QPSK	1 RB / 0 RB Offset 1 RB / 24 RB Offset 25 RB / 0 RB Offset
		18650 to 19150	18650 (1855.0MHz), 19150 (1905.0MHz)	10MHz	QPSK	1 RB / 0 RB Offset 1 RB / 49 RB Offset 50 RB / 0 RB Offset
		18675 to 19125	18675 (1857.5MHz), 19125 (1902.5MHz)	15MHz	QPSK	1 RB / 0 RB Offset 1 RB / 74 RB Offset 75 RB / 0 RB Offset
		18700 to 19100	18700 (1860.0MHz), 19100 (1900.0MHz)	20MHz	QPSK	1 RB / 0 RB Offset 1 RB / 99 RB Offset 100 RB / 0 RB Offset
-	Peak to Average Ratio	18607 to 19193	18607 (1850.7MHz), 18900 (1880.0MHz), 19193 (1909.3MHz)	1.4MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		18615 to 19185	18615 (1851.5MHz), 18900 (1880.0MHz), 19185 (1908.5MHz)	3MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		18625 to 19175	18625 (1852.5MHz), 18900 (1880.0MHz), 19175 (1907.5MHz)	5MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		18650 to 19150	18650 (1855.0MHz), 18900 (1880.0MHz), 19150 (1905.0MHz)	10MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		18675 to 19125	18675 (1857.5MHz), 18900 (1880.0MHz), 19125 (1902.5MHz)	15MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		18700 to 19100	18700 (1860.0MHz), 18900 (1880.0MHz), 19100 (1900.0MHz)	20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
-	Conducted Emission	18607 to 19193	18607 (1850.7MHz), 18900 (1880.0MHz), 19193 (1909.3MHz)	1.4MHz	QPSK	1 RB / 0 RB Offset
		18615 to 19185	18615 (1851.5MHz), 18900 (1880.0MHz), 19185 (1908.5MHz)	3MHz	QPSK	1 RB / 0 RB Offset
		18625 to 19175	18625 (1852.5MHz), 18900 (1880.0MHz), 19175 (1907.5MHz)	5MHz	QPSK	1 RB / 0 RB Offset
		18650 to 19150	18650 (1855.0MHz), 18900 (1880.0MHz), 19150 (1905.0MHz)	10MHz	QPSK	1 RB / 0 RB Offset
		18675 to 19125	18675 (1857.5MHz), 18900 (1880.0MHz), 19125 (1902.5MHz)	15MHz	QPSK	1 RB / 0 RB Offset
		18700 to 19100	18700 (1860.0MHz), 18900 (1880.0MHz), 19100 (1900.0MHz)	20MHz	QPSK	1 RB / 0 RB Offset

EUT Configure Mode	Test item	Available channel	Tested Channel	Channel Bandwidth	Modulation	Mode
-	Radiated Emission Below 1GHz	18607 to 19193	19193 (1909.3MHz)	1.4MHz	QPSK	1 RB / 0 RB Offset
-	Radiated Emission Above 1GHz	18607 to 19193	18607 (1850.7MHz), 18900 (1880.0MHz), 19193 (1909.3MHz)	1.4MHz	QPSK	1 RB / 0 RB Offset
		18625 to 19175	18625 (1852.5MHz), 18900 (1880.0MHz), 19175 (1907.5MHz)	5MHz	QPSK	1 RB / 0 RB Offset
		18700 to 19100	18700 (1860.0MHz), 18900 (1880.0MHz), 19100 (1900.0MHz)	20MHz	QPSK	1 RB / 0 RB Offset

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 Section 6.6.3.1.4, choose the lowest, 5MHz & highest channel bandwidth for final test.
3. The output power for QPSK, 16QAM, 64QAM and 256QAM, measured value of QPSK is higher than 16QAM, 64QAM and 256QAM mode. Therefore, only Modulation characteristics, occupied bandwidth and Peak to average ratio items had been tested under QPSK, 16QAM, 64QAM and 256QAM modes, the other test items were performed under QPSK mode only.

LTE Band 66

EUT Configure Mode	Test Item	Available Channel	Tested Channel	Channel Bandwidth	Modulation	Mode
-	EIRP	131979 to 132665	131979 (1710.7MHz), 132322 (1745.0MHz), 132665 (1779.3MHz)	1.4MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		131987 to 132657	131987 (1711.5MHz), 132322 (1745.0MHz), 132657 (1778.5MHz)	3MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		131997 to 132647	131997 (1712.5MHz), 132322 (1745.0MHz), 132647 (1777.5MHz)	5MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		132022 to 132622	132022 (1715.0MHz), 132322 (1745.0MHz), 132622 (1775.0MHz)	10MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		132047 to 132597	132047 (1717.5MHz), 132322 (1745.0MHz), 132597 (1772.5MHz)	15MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		132072 to 132572	132072 (1720.0MHz), 132322 (1745.0MHz), 132572 (1770.0MHz)	20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
-	Modulation Characteristics	132072 to 132572	132322 (1745.0MHz)	20MHz	QPSK / 16QAM / 64QAM / 256QAM	100 RB / 0 RB Offset
-	Frequency Stability	131979 to 132665	131979 (1710.7MHz), 132665 (1779.3MHz)	1.4MHz	QPSK	6 RB / 0 RB Offset
		131987 to 132657	131987 (1711.5MHz), 132657 (1778.5MHz)	3MHz	QPSK	15 RB / 0 RB Offset
		131997 to 132647	131997 (1712.5MHz), 132647 (1777.5MHz)	5MHz	QPSK	25 RB / 0 RB Offset
		132022 to 132622	132022 (1715.0MHz), 132622 (1775.0MHz)	10MHz	QPSK	50 RB / 0 RB Offset
		132047 to 132597	132047 (1717.5MHz), 132597 (1772.5MHz)	15MHz	QPSK	75 RB / 0 RB Offset
		132072 to 132572	132072 (1720.0MHz), 132572 (1770.0MHz)	20MHz	QPSK	100 RB / 0 RB Offset
-	Emission Bandwidth	131979 to 132665	131979 (1710.7MHz), 132322 (1745.0MHz), 132665 (1779.3MHz)	1.4MHz	QPSK / 16QAM / 64QAM / 256QAM	6 RB / 0RB Offset
		131987 to 132657	131987 (1711.5MHz), 132322 (1745.0MHz), 132657 (1778.5MHz)	3MHz	QPSK / 16QAM / 64QAM / 256QAM	15 RB / 0RB Offset
		131997 to 132647	131997 (1712.5MHz), 132322 (1745.0MHz), 132647 (1777.5MHz)	5MHz	QPSK / 16QAM / 64QAM / 256QAM	25RB / 0RB Offset
		132022 to 132622	132022 (1715.0MHz), 132322 (1745.0MHz), 132622 (1775.0MHz)	10MHz	QPSK / 16QAM / 64QAM / 256QAM	50RB / 0RB Offset
		132047 to 132597	132047 (1717.5MHz), 132322 (1745.0MHz), 132597 (1772.5MHz)	15MHz	QPSK / 16QAM / 64QAM / 256QAM	75 RB / 0 RB Offset
		132072 to 132572	132072 (1720.0MHz), 132322 (1745.0MHz), 132572 (1770.0MHz)	20MHz	QPSK / 16QAM / 64QAM / 256QAM	100 RB / 0 RB Offset

EUT Configure Mode	Test Item	Available Channel	Tested Channel	Channel Bandwidth	Modulation	Mode
-	Band Edge	131979 to 132665	131979 (1710.7MHz), 132665 (1779.3MHz)	1.4MHz	QPSK	1 RB / 0 RB Offset 1 RB / 5 RB Offset 6 RB / 0 RB Offset
		131987 to 132657	131987 (1711.5MHz), 132657 (1778.5MHz)	3MHz	QPSK	1 RB / 0 RB Offset 1 RB / 14 RB Offset 15 RB / 0 RB Offset
		131997 to 132647	131997 (1712.5MHz), 132647 (1777.5MHz)	5MHz	QPSK	1 RB / 0 RB Offset 1 RB / 24 RB Offset 25 RB / 0 RB Offset
		132022 to 132622	132022 (1715.0MHz), 132622 (1775.0MHz)	10MHz	QPSK	1 RB / 0 RB Offset 1 RB / 49 RB Offset 50 RB / 0 RB Offset
		132047 to 132597	132047 (1717.5MHz), 132597 (1772.5MHz)	15MHz	QPSK	1 RB / 0 RB Offset 1 RB / 74 RB Offset 75 RB / 0 RB Offset
		132072 to 132572	132072 (1720.0MHz), 132572 (1770.0MHz)	20MHz	QPSK	1 RB / 0 RB Offset 1 RB / 99 RB Offset 100 RB / 0 RB Offset
-	Peak to Average Ratio	131979 to 132665	131979 (1710.7MHz), 132322 (1745.0MHz), 132665 (1779.3MHz)	1.4MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		131987 to 132657	131987 (1711.5MHz), 132322 (1745.0MHz), 132657 (1778.5MHz)	3MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		131997 to 132647	131997 (1712.5MHz), 132322 (1745.0MHz), 132647 (1777.5MHz)	5MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		132022 to 132622	132022 (1715.0MHz), 132322 (1745.0MHz), 132622 (1775.0MHz)	10MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		132047 to 132597	132047 (1717.5MHz), 132322 (1745.0MHz), 132597 (1772.5MHz)	15MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		132072 to 132572	132072 (1720.0MHz), 132322 (1745.0MHz), 132572 (1770.0MHz)	20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
-	Conducted Emission	131979 to 132665	131979 (1710.7MHz), 132322 (1745.0MHz), 132665 (1779.3MHz)	1.4MHz	QPSK	1 RB / 0 RB Offset
		131987 to 132657	131987 (1711.5MHz), 132322 (1745.0MHz), 132657 (1778.5MHz)	3MHz	QPSK	1 RB / 0 RB Offset
		131997 to 132647	131997 (1712.5MHz), 132322 (1745.0MHz), 132647 (1777.5MHz)	5MHz	QPSK	1 RB / 0 RB Offset
		132022 to 132622	132022 (1715.0MHz), 132322 (1745.0MHz), 132622 (1775.0MHz)	10MHz	QPSK	1 RB / 0 RB Offset
		132047 to 132597	132047 (1717.5MHz), 132322 (1745.0MHz), 132597 (1772.5MHz)	15MHz	QPSK	1 RB / 0 RB Offset
		132072 to 132572	132072 (1720.0MHz), 132322 (1745.0MHz), 132572 (1770.0MHz)	20MHz	QPSK	1 RB / 0 RB Offset

EUT Configure Mode	Test Item	Available Channel	Tested Channel	Channel Bandwidth	Modulation	Mode
-	Radiated Emission Below 1GHz	131979 to 132665	132665 (1779.3MHz)	1.4MHz	QPSK	1 RB / 0 RB Offset
-	Radiated Emission Above 1GHz	131979 to 132665	131979 (1710.7MHz), 132322 (1745.0MHz), 132665 (1779.3MHz)	1.4MHz	QPSK	1 RB / 0 RB Offset
		131997 to 132647	131997 (1712.5MHz), 132322 (1745.0MHz), 132647 (1777.5MHz)	5MHz	QPSK	1 RB / 0 RB Offset
		132072 to 132572	132072 (1720.0MHz), 132322 (1745.0MHz), 132572 (1770.0MHz)	20MHz	QPSK	1 RB / 0 RB Offset

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 Section 6.6.3.1.4, choose the lowest, 5MHz & highest channel bandwidth for final test.
3. The output power for QPSK, 16QAM, 64QAM and 256QAM, measured value of QPSK is higher than 16QAM, 64QAM and 256QAM mode. Therefore, only Modulation characteristics, occupied bandwidth and Peak to average ratio items had been tested under QPSK, 16QAM, 64QAM and 256QAM modes, the other test items were performed under QPSK mode only.

Test Condition:

Test Item	Environmental Conditions	Input Power	Tested By
ERP / EIRP	23deg. C, 67%RH	120Vac, 60Hz	Adair Peng
Modulation Characteristics	22deg. C, 66%RH	120Vac, 60Hz	Gavin Wu, Willy Cheng, Wayne Lin
Frequency Stability	22deg. C, 66%RH	3.85Vdc	Gavin Wu, Willy Cheng, Wayne Lin
Occupied Bandwidth	22deg. C, 66%RH	120Vac, 60Hz	Gavin Wu, Willy Cheng, Wayne Lin
Band Edge	22deg. C, 66%RH	120Vac, 60Hz	Gavin Wu, Willy Cheng, Wayne Lin
Peak To Average Ratio	22deg. C, 66%RH	120Vac, 60Hz	Gavin Wu, Willy Cheng, Wayne Lin
Conducted Emission	22deg. C, 66%RH	120Vac, 60Hz	Gavin Wu, Willy Cheng, Wayne Lin
Radiated Emission	23deg. C, 67%RH	120Vac, 60Hz	Adair Peng

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 22

FCC 47 CFR Part 24

FCC 47 CFR Part 27

ANSI/TIA/EIA-603-D-2010

ANSI/TIA/EIA-603-E 2016

ANSI 63.26-2015

References Test Guidance:

KDB 971168 D01 Power Meas License Digital Systems v03r01

KDB 971168 D02 Misc Rev Approv License Devices v02r01

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

For n5:
Mobile / Portable station are limited to 7 watts e.r.p.

For LTE Band 2:
Mobile / Portable station are limited to 2 watts e.i.r.p.

For LTE Band 66:
Mobile / Portable station are limited to 1 watts e.i.r.p.

4.1.2 Test Procedures

EIRP / ERP Measurement:

a. Substitution method is used for E.I.R.P measurement. 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 5.2.7 and 5.2.2.4
   - 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.

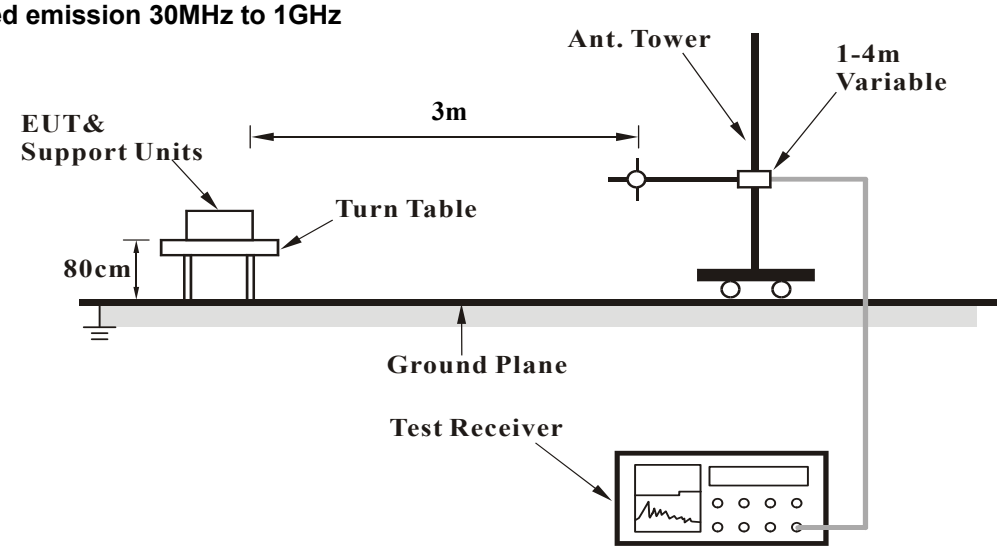
Conducted Power Measurement:

The EUT was set up for the maximum power with 5GNR link data modulation and link up with simulator. Set the EUT to transmit under low, middle and high channel and record the power level shown on simulator.

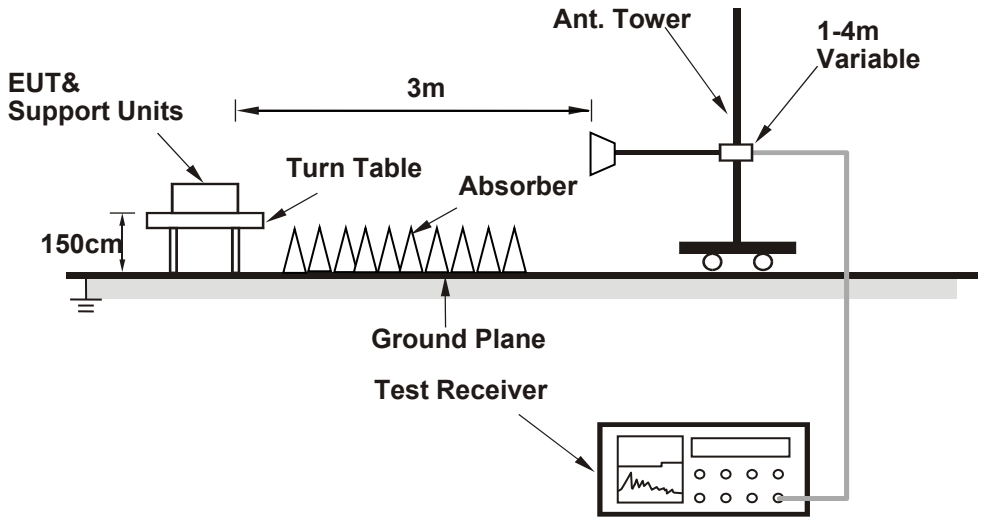
4.1.3 Test Setup

EIRP / ERP Measurement:

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).

Conducted Power Measurement:

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

4.1.4 Test Results

Conducted Output Power (dBm)

NR Band 5						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		166800	167300	167800
		Frequency (MHz)		834	836.5	839
20M	$\pi/2$ BPSK	1	1	23.04	23.10	23.11
		1	53	22.96	23.02	23.03
		1	104	22.71	22.77	22.78
		50	0	22.50	22.56	22.57
		50	25	23.04	23.10	23.11
		50	53	22.43	22.49	22.50
		100	0	22.50	22.56	22.57
	QPSK	1	1	23.08	23.14	23.15
		1	53	22.97	23.03	23.04
		1	104	22.68	22.74	22.75
		50	0	21.97	22.03	22.04
		50	25	23.07	23.13	23.14
		50	53	21.92	21.98	21.99
		100	0	22.04	22.10	22.11
	16QAM	1	1	21.99	22.05	22.06
	64QAM	1	1	20.32	20.38	20.39
	256QAM	1	1	17.99	18.05	18.06
BW	MCS Index	Channel		166300	167300	168300
		Frequency (MHz)		831.5	836.5	841.5
15M	$\pi/2$ BPSK	1	1	23.02	23.08	23.09
		1	40	22.94	23.00	23.01
		1	77	22.69	22.75	22.76
		36	0	22.48	22.54	22.55
		36	18	23.02	23.08	23.09
		36	40	22.41	22.47	22.48
		75	0	22.48	22.54	22.55
	QPSK	1	1	23.04	23.10	23.11
		1	40	22.95	23.01	23.02
		1	77	22.66	22.72	22.73
		36	0	21.95	22.01	22.02
		36	18	23.05	23.11	23.12
		36	40	21.90	21.96	21.97
		75	0	22.02	22.08	22.09
	16QAM	1	1	21.97	22.03	22.04
	64QAM	1	1	20.30	20.36	20.37
	256QAM	1	1	17.97	18.03	18.04

NR Band 5						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		165800	167300	168800
		Frequency (MHz)		829	836.5	844
10M	$\pi/2$ BPSK	1	1	23.03	23.09	23.10
		1	26	22.95	23.01	23.02
		1	50	22.70	22.76	22.77
		25	0	22.49	22.55	22.56
		25	12	23.03	23.09	23.10
		25	26	22.42	22.48	22.49
		50	0	22.49	22.55	22.56
	QPSK	1	1	23.05	23.11	23.12
		1	26	22.96	23.02	23.03
		1	50	22.67	22.73	22.74
		25	0	21.96	22.02	22.03
		25	12	23.06	23.12	23.13
		25	26	21.91	21.97	21.98
		50	0	22.03	22.09	22.10
	16QAM	1	1	21.98	22.04	22.05
	64QAM	1	1	20.31	20.37	20.38
	256QAM	1	1	17.98	18.04	18.05
BW	MCS Index	Channel		165300	167300	169300
		Frequency (MHz)		826.5	836.5	846.5
5M	$\pi/2$ BPSK	1	1	23.01	23.07	23.08
		1	13	22.93	22.99	23.00
		1	23	22.68	22.74	22.75
		12	0	22.47	22.53	22.54
		12	6	23.01	23.07	23.08
		12	13	22.40	22.46	22.47
		25	0	22.47	22.53	22.54
	QPSK	1	1	23.03	23.09	23.10
		1	13	22.94	23.00	23.01
		1	23	22.65	22.71	22.72
		12	0	21.94	22.00	22.01
		12	6	23.04	23.10	23.11
		12	13	21.89	21.95	21.96
		25	0	22.01	22.07	22.08
	16QAM	1	1	21.96	22.02	22.03
	64QAM	1	1	20.29	20.35	20.36
	256QAM	1	1	17.96	18.02	18.03

LTE Band 2						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18700	18900	19100
		Frequency (MHz)		1860	1880	1900
20M	QPSK	1	0	21.45	22.09	21.33
		1	50	21.36	22.00	21.18
		1	99	21.19	21.75	20.99
		50	0	20.35	20.97	20.20
		50	25	20.18	20.80	20.02
		50	50	20.11	20.68	19.95
		100	0	20.24	20.96	20.19
	16QAM	1	0	20.43	21.06	20.32
		1	50	20.34	20.87	20.22
		1	99	20.11	20.75	19.96
		50	0	19.15	19.75	19.10
		50	25	19.05	19.65	18.93
		50	50	19.01	19.56	18.86
		100	0	19.24	19.91	19.07
	64QAM	1	0	19.36	20.01	19.25
		1	50	19.26	19.86	19.18
		1	99	19.00	19.62	18.89
		50	0	18.25	18.88	18.02
		50	25	18.12	18.72	17.89
		50	50	18.02	18.59	17.73
		100	0	18.17	18.86	18.15
	256QAM	1	0	18.36	18.90	18.18
		1	50	18.18	18.76	18.00
		1	99	17.91	18.67	17.92
		50	0	17.04	17.83	17.01
		50	25	16.97	17.71	16.86
		50	50	16.79	17.51	16.76
		100	0	17.23	17.80	17.00

LTE Band 2						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18675	18900	19125
		Frequency (MHz)		1857.5	1880	1902.5
15M	QPSK	1	0	21.39	22.03	21.25
		1	37	21.25	21.90	21.18
		1	74	21.07	21.74	20.92
		36	0	20.29	20.92	20.18
		36	19	20.13	20.72	20.02
		36	39	19.97	20.68	19.90
		75	0	20.27	20.91	20.09
	16QAM	1	0	20.25	20.90	20.14
		1	37	20.20	20.94	20.05
		1	74	20.08	20.69	19.93
		36	0	19.14	19.71	19.02
		36	19	19.05	19.68	18.91
		36	39	18.86	19.52	18.78
		75	0	19.29	19.95	19.14
	64QAM	1	0	19.22	19.80	19.06
		1	37	19.16	19.76	19.02
		1	74	19.11	19.70	18.76
		36	0	18.10	18.67	17.99
		36	19	17.98	18.65	17.95
		36	39	17.98	18.53	17.75
		75	0	18.15	18.83	18.05
	256QAM	1	0	18.14	18.88	18.09
		1	37	18.03	18.79	17.95
		1	74	17.96	18.68	17.80
		36	0	17.04	17.77	17.02
		36	19	16.89	17.52	16.77
		36	39	16.89	17.46	16.69
		75	0	17.08	17.68	16.99

LTE Band 2						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18650	18900	19150
		Frequency (MHz)		1855	1880	1905
10M	QPSK	1	0	21.32	21.96	21.21
		1	24	21.22	21.86	21.11
		1	49	21.14	21.70	20.88
		25	0	20.19	20.88	20.08
		25	12	20.01	20.64	19.91
		25	25	19.93	20.64	19.80
		50	0	20.16	20.77	20.16
	16QAM	1	0	20.19	20.75	20.06
		1	24	20.11	20.87	20.03
		1	49	20.05	20.59	19.83
		25	0	19.23	19.73	19.04
		25	12	18.96	19.69	18.84
		25	25	18.90	19.58	18.77
		50	0	19.17	19.69	19.05
	64QAM	1	0	19.13	19.82	19.01
		1	24	19.16	19.76	18.93
		1	49	18.99	19.43	18.74
		25	0	18.00	18.73	17.78
		25	12	17.93	18.57	17.75
		25	25	17.76	18.49	17.61
		50	0	18.00	18.71	17.93
	256QAM	1	0	18.03	18.72	17.93
		1	24	18.02	18.74	17.97
		1	49	17.85	18.47	17.78
		25	0	17.07	17.73	16.97
		25	12	16.90	17.53	16.80
		25	25	16.75	17.56	16.58
		50	0	17.00	17.62	16.92

LTE Band 2						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18625	18900	19175
		Frequency (MHz)		1852.5	1880	1907.5
5M	QPSK	1	0	21.25	21.95	21.11
		1	12	21.12	21.84	21.08
		1	24	21.05	21.54	20.86
		12	0	20.16	20.78	20.05
		12	6	19.88	20.56	19.89
		12	13	19.87	20.48	19.76
		25	0	20.16	20.73	19.97
	16QAM	1	0	20.07	20.69	19.88
		1	12	20.08	20.79	20.05
		1	24	20.03	20.46	19.77
		12	0	19.06	19.70	18.86
		12	6	18.83	19.53	18.82
		12	13	18.86	19.47	18.67
		25	0	19.11	19.67	18.95
	64QAM	1	0	19.02	19.68	18.79
		1	12	19.03	19.75	18.96
		1	24	18.99	19.39	18.75
		12	0	17.98	18.68	17.78
		12	6	17.82	18.44	17.81
		12	13	17.84	18.45	17.58
		25	0	18.07	18.59	17.94
	256QAM	1	0	18.00	18.61	17.71
		1	12	17.98	18.68	17.90
		1	24	17.95	18.33	17.73
		12	0	16.92	17.62	16.75
		12	6	16.80	17.41	16.72
		12	13	16.77	17.38	16.56
		25	0	17.05	17.56	16.90

LTE Band 2						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18615	18900	19185
		Frequency (MHz)		1851.5	1880	1908.5
3M	QPSK	1	0	21.27	21.89	21.05
		1	7	21.11	21.71	20.95
		1	14	20.88	21.67	20.74
		8	0	20.11	20.71	20.07
		8	3	19.83	20.58	19.85
		8	7	19.77	20.44	19.71
		15	0	20.05	20.68	19.94
	16QAM	1	0	19.97	20.47	19.78
		1	7	20.09	20.70	19.91
		1	14	19.81	20.58	19.65
		8	0	18.97	19.70	19.02
		8	3	18.77	19.53	18.76
		8	7	18.71	19.40	18.69
		15	0	18.98	19.60	18.89
	64QAM	1	0	18.91	19.40	18.73
		1	7	19.02	19.63	18.88
		1	14	18.72	19.57	18.62
		8	0	17.94	18.65	17.96
		8	3	17.76	18.49	17.72
		8	7	17.68	18.39	17.60
		15	0	17.91	18.56	17.88
	256QAM	1	0	17.91	18.37	17.64
		1	7	17.96	18.54	17.84
		1	14	17.71	18.48	17.55
		8	0	16.91	17.64	16.90
		8	3	16.74	17.41	16.63
		8	7	16.64	17.37	16.51
		15	0	16.86	17.52	16.82

LTE Band 2						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18607	18900	19193
		Frequency (MHz)		1850.7	1880	1909.3
1.4M	QPSK	1	0	21.14	21.92	21.10
		1	2	20.99	21.71	20.93
		1	5	20.98	21.50	20.71
		3	0	21.19	21.91	21.13
		3	1	21.02	21.68	20.92
		3	3	20.98	21.50	20.69
		6	0	20.03	20.65	19.84
	16QAM	1	0	20.12	20.91	20.05
		1	2	19.93	20.70	19.91
		1	5	19.95	20.42	19.68
		3	0	20.12	20.90	20.08
		3	1	19.93	20.63	19.88
		3	3	19.97	20.47	19.67
		6	0	18.92	19.60	18.83
	64QAM	1	0	19.09	19.86	18.98
		1	2	18.88	19.67	18.85
		1	5	18.91	19.36	18.61
		3	0	19.05	19.86	19.07
		3	1	18.84	19.60	18.85
		3	3	18.88	19.40	18.63
		6	0	17.88	18.52	17.74
	256QAM	1	0	18.08	18.85	17.97
		1	2	17.80	18.62	17.78
		1	5	17.88	18.31	17.55
		3	0	18.00	18.85	17.98
		3	1	17.75	18.55	17.81
		3	3	17.87	18.36	17.54
		6	0	16.83	17.46	16.69

LTE Band 66						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		132072	132322	132572
		Frequency (MHz)		1720	1745	1770
20M	QPSK	1	0	22.12	22.45	22.34
		1	50	22.03	22.34	22.25
		1	99	21.79	22.24	22.10
		50	0	20.98	21.33	21.25
		50	25	20.79	21.12	21.03
		50	50	20.67	21.01	20.93
		100	0	20.94	21.35	21.16
	16QAM	1	0	21.11	21.38	21.26
		1	50	20.96	21.33	21.22
		1	99	20.78	21.22	21.09
		50	0	19.88	20.14	20.07
		50	25	19.75	20.11	19.98
		50	50	19.63	19.98	19.88
		100	0	19.87	20.28	20.10
	64QAM	1	0	20.09	20.30	20.17
		1	50	19.91	20.27	20.21
		1	99	19.72	20.14	20.01
		50	0	18.84	19.13	19.06
		50	25	18.69	19.02	18.97
		50	50	18.62	18.92	18.83
		100	0	18.86	19.20	19.08
	256QAM	1	0	19.04	19.22	19.12
		1	50	18.88	19.21	19.15
		1	99	18.66	19.12	18.93
		50	0	17.80	18.08	18.03
		50	25	17.61	18.00	17.89
		50	50	17.59	17.87	17.75
		100	0	17.83	18.13	18.05

LTE Band 66						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		132047	132322	132597
		Frequency (MHz)		1717.5	1745	1772.5
15M	QPSK	1	0	22.09	22.41	22.31
		1	37	21.91	22.25	22.12
		1	74	21.85	22.08	21.97
		36	0	20.92	21.24	21.19
		36	19	20.73	21.01	20.99
		36	39	20.69	20.91	20.88
		75	0	20.91	21.21	21.09
	16QAM	1	0	21.00	21.25	21.16
		1	37	20.86	21.22	21.04
		1	74	20.82	21.00	20.92
		36	0	19.83	20.10	20.10
		36	19	19.72	19.97	19.98
		36	39	19.64	19.86	19.79
		75	0	19.89	20.13	20.08
	64QAM	1	0	19.92	20.20	20.12
		1	37	19.79	20.13	19.98
		1	74	19.78	19.95	19.86
		36	0	18.82	19.06	19.06
		36	19	18.70	18.90	18.93
		36	39	18.57	18.80	18.77
		75	0	18.82	19.09	19.01
	256QAM	1	0	18.84	19.18	19.09
		1	37	18.70	19.04	18.92
		1	74	18.75	18.87	18.83
		36	0	17.80	17.99	18.05
		36	19	17.66	17.89	17.87
		36	39	17.51	17.79	17.72
		75	0	17.78	18.00	17.98

LTE Band 66						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		132022	132322	132622
		Frequency (MHz)		1715	1745	1775
10M	QPSK	1	0	21.96	22.35	22.26
		1	24	21.89	22.19	22.02
		1	49	21.82	21.97	21.90
		25	0	20.84	21.17	21.12
		25	12	20.71	21.00	20.89
		25	25	20.52	20.81	20.75
		50	0	20.90	21.20	21.09
	16QAM	1	0	20.82	21.09	21.04
		1	24	20.80	21.15	20.95
		1	49	20.73	20.89	20.89
		25	0	19.81	19.95	20.06
		25	12	19.63	19.93	19.83
		25	25	19.43	19.75	19.66
		50	0	19.85	20.17	20.01
	64QAM	1	0	19.79	20.02	19.99
		1	24	19.79	20.10	19.86
		1	49	19.70	19.86	19.86
		25	0	18.74	18.89	19.02
		25	12	18.55	18.84	18.78
		25	25	18.39	18.66	18.60
		50	0	18.83	19.10	18.98
	256QAM	1	0	18.71	18.95	18.98
		1	24	18.70	19.04	18.82
		1	49	18.65	18.80	18.84
		25	0	17.71	17.88	17.98
		25	12	17.51	17.75	17.77
		25	25	17.30	17.57	17.51
		50	0	17.77	18.04	17.89

LTE Band 66						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		131997	132322	132647
		Frequency (MHz)		1712.5	1745	1777.5
5M	QPSK	1	0	21.95	22.27	22.17
		1	12	21.76	22.12	22.09
		1	24	21.73	22.01	21.95
		12	0	20.88	21.13	21.12
		12	6	20.70	20.90	20.82
		12	13	20.61	20.84	20.73
		25	0	20.84	21.13	20.99
	16QAM	1	0	20.75	21.10	20.97
		1	12	20.75	21.10	21.00
		1	24	20.72	20.93	20.89
		12	0	19.87	20.00	19.99
		12	6	19.64	19.89	19.80
		12	13	19.56	19.75	19.68
		25	0	19.78	20.07	19.98
	64QAM	1	0	19.75	20.01	19.92
		1	12	19.72	20.06	19.97
		1	24	19.68	19.89	19.82
		12	0	18.84	18.99	18.90
		12	6	18.59	18.82	18.79
		12	13	18.53	18.68	18.65
		25	0	18.76	19.05	18.91
	256QAM	1	0	18.68	19.00	18.90
		1	12	18.66	18.98	18.95
		1	24	18.60	18.82	18.79
		12	0	17.75	17.97	17.81
		12	6	17.52	17.74	17.75
		12	13	17.45	17.64	17.61
		25	0	17.72	17.97	17.89

LTE Band 66						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		131987	132322	132657
		Frequency (MHz)		1711.5	1745	1778.5
3M	QPSK	1	0	21.93	22.29	22.08
		1	7	21.76	22.02	21.99
		1	14	21.57	21.93	21.95
		8	0	20.82	21.15	21.00
		8	3	20.62	20.92	20.82
		8	7	20.50	20.83	20.64
		15	0	20.72	21.15	20.99
	16QAM	1	0	20.60	20.84	20.77
		1	7	20.68	21.00	20.91
		1	14	20.52	20.90	20.88
		8	0	19.76	20.05	19.92
		8	3	19.56	19.85	19.74
		8	7	19.47	19.77	19.55
		15	0	19.65	20.12	19.96
	64QAM	1	0	19.55	19.75	19.71
		1	7	19.65	19.93	19.82
		1	14	19.45	19.88	19.84
		8	0	18.70	19.01	18.87
		8	3	18.50	18.80	18.71
		8	7	18.44	18.72	18.52
		15	0	18.62	19.08	18.91
	256QAM	1	0	18.48	18.69	18.69
		1	7	18.60	18.86	18.76
		1	14	18.41	18.86	18.82
		8	0	17.62	17.92	17.79
		8	3	17.42	17.75	17.68
		8	7	17.36	17.66	17.44
		15	0	17.61	18.04	17.82

LTE Band 66						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		131979	132322	132665
		Frequency (MHz)		1710.7	1745	1779.3
1.4M	QPSK	1	0	21.89	22.13	22.05
		1	2	21.80	22.12	22.01
		1	5	21.49	21.92	21.85
		3	0	21.88	22.13	22.08
		3	1	21.81	22.09	22.00
		3	3	21.48	21.97	21.82
		6	0	20.63	21.06	20.96
	16QAM	1	0	20.85	21.07	21.03
		1	2	20.76	21.06	20.96
		1	5	20.43	20.87	20.81
		3	0	20.82	21.12	21.02
		3	1	20.75	21.02	20.93
		3	3	20.44	20.93	20.75
		6	0	19.60	20.02	19.90
	64QAM	1	0	19.76	20.01	19.98
		1	2	19.67	20.00	19.90
		1	5	19.37	19.86	19.74
		3	0	19.77	20.04	19.96
		3	1	19.73	19.96	19.84
		3	3	19.43	19.84	19.66
		6	0	18.50	19.00	18.81
	256QAM	1	0	18.73	18.94	18.90
		1	2	18.62	18.96	18.88
		1	5	18.33	18.77	18.71
		3	0	18.71	18.97	18.91
		3	1	18.64	18.89	18.83
		3	3	18.37	18.78	18.64
		6	0	17.42	17.99	17.74

ERP / EIRP Power (dBm)

Internal Antenna

Modulation Type: $\pi/2$ BPSK

n5, Channel Bandwidth 5MHz

Mode	TX channel 165300, 167300, 169300							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	826.50	24.89	38.50	-13.61	1.00 H	88	90.60	-65.71
2	836.50	24.84	38.50	-13.66	1.01 H	90	90.50	-65.66
3	846.50	24.76	38.50	-13.74	1.08 H	85	90.30	-65.54
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	826.50	18.29	38.50	-20.21	1.20 V	189	84.00	-65.71
2	836.50	18.24	38.50	-20.26	1.19 V	187	83.90	-65.66
3	846.50	18.26	38.50	-20.24	1.27 V	184	83.80	-65.54

Remarks:

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

n5, Channel Bandwidth 10MHz

Mode	TX channel 165800, 167300, 168800							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	829.00	24.98	38.50	-13.52	1.02 H	91	90.70	-65.72
2	836.50	24.64	38.50	-13.86	1.04 H	84	90.30	-65.66
3	844.00	25.04	38.50	-13.46	1.10 H	85	90.60	-65.56
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	829.00	18.28	38.50	-20.22	1.27 V	189	84.00	-65.72
2	836.50	18.34	38.50	-20.16	1.27 V	191	84.00	-65.66
3	844.00	17.24	38.50	-21.26	1.18 V	184	82.80	-65.56

Remarks:

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

n5, Channel Bandwidth 15MHz

Mode	TX channel 166300, 167300, 168300							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	831.50	24.69	38.50	-13.81	1.08 H	85	90.40	-65.71
2	836.50	24.94	38.50	-13.56	1.09 H	86	90.60	-65.66
3	841.50	25.03	38.50	-13.47	1.03 H	87	90.60	-65.57
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	831.50	18.49	38.50	-20.01	1.23 V	186	84.20	-65.71
2	836.50	18.14	38.50	-20.36	1.18 V	187	83.80	-65.66
3	841.50	18.23	38.50	-20.27	1.21 V	190	83.80	-65.57

Remarks:

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

n5, Channel Bandwidth 20MHz

Mode	TX channel 166800, 167300, 167800							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	834.00	24.61	38.50	-13.89	1.07 H	90	90.30	-65.69
2	836.50	25.14	38.50	-13.36	1.06 H	88	90.80	-65.66
3	839.00	25.00	38.50	-13.50	1.10 H	91	90.60	-65.60
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	834.00	18.51	38.50	-19.99	1.22 V	191	84.20	-65.69
2	836.50	18.64	38.50	-19.86	1.27 V	184	84.30	-65.66
3	839.00	18.30	38.50	-20.20	1.25 V	185	83.90	-65.60

Remarks:

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

Modulation Type: QPSK

n5, Channel Bandwidth 5MHz

Mode	TX channel 165300, 167300, 169300							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	826.50	23.10	38.50	-15.40	1.15 H	91	96.80	-73.70
2	836.50	23.30	38.50	-15.20	1.10 H	91	96.80	-73.50
3	846.50	23.00	38.50	-15.50	1.13 H	89	96.50	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	826.50	16.70	38.50	-21.80	1.28 V	187	90.40	-73.70
2	836.50	16.30	38.50	-22.20	1.31 V	188	89.80	-73.50
3	846.50	16.30	38.50	-22.20	1.27 V	190	89.80	-73.50

Remarks:

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

n5, Channel Bandwidth 10MHz

Mode	TX channel 165800, 167300, 168800							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	829.00	23.40	38.50	-15.10	1.10 H	91	97.10	-73.70
2	836.50	23.30	38.50	-15.20	1.06 H	88	96.80	-73.50
3	844.00	23.20	38.50	-15.30	1.12 H	91	96.70	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	829.00	16.70	38.50	-21.80	1.32 V	193	90.40	-73.70
2	836.50	16.30	38.50	-22.20	1.33 V	194	89.80	-73.50
3	844.00	16.50	38.50	-22.00	1.26 V	189	90.00	-73.50

Remarks:

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

n5, Channel Bandwidth 15MHz

Mode	TX channel 166300, 167300, 168300							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	831.50	23.10	38.50	-15.40	1.06 H	87	96.80	-73.70
2	836.50	22.70	38.50	-15.80	1.12 H	91	96.20	-73.50
3	841.50	22.70	38.50	-15.80	1.10 H	89	96.20	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	831.50	16.70	38.50	-21.80	1.27 V	188	90.40	-73.70
2	836.50	16.70	38.50	-21.80	1.29 V	192	90.20	-73.50
3	841.50	17.00	38.50	-21.50	1.26 V	192	90.50	-73.50

Remarks:

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

n5, Channel Bandwidth 20MHz

Mode	TX channel 166800, 167300, 167800							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	834.00	23.30	38.50	-15.20	1.12 H	90	96.80	-73.50
2	836.50	23.20	38.50	-15.30	1.14 H	93	96.70	-73.50
3	839.00	23.20	38.50	-15.30	1.14 H	93	96.70	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	834.00	16.30	38.50	-22.20	1.25 V	188	89.80	-73.50
2	836.50	16.70	38.50	-21.80	1.32 V	187	90.20	-73.50
3	839.00	16.30	38.50	-22.20	1.30 V	194	89.80	-73.50

Remarks:

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

Modulation Type: 16QAM

n5, Channel Bandwidth 5MHz

Mode	TX channel 165300, 167300, 169300							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	826.50	22.10	38.50	-16.40	1.07 H	87	95.80	-73.70
2	836.50	22.30	38.50	-16.20	1.09 H	92	95.80	-73.50
3	846.50	21.60	38.50	-16.90	1.11 H	92	95.10	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	826.50	15.80	38.50	-22.70	1.33 V	188	89.50	-73.70
2	836.50	15.40	38.50	-23.10	1.33 V	188	88.90	-73.50
3	846.50	15.00	38.50	-23.00	1.29 V	187	88.50	-73.50

Remarks:

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

n5, Channel Bandwidth 10MHz

Mode	TX channel 165800, 167300, 168800							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	829.00	22.40	38.50	-16.10	1.14 H	88	96.10	-73.70
2	836.50	22.30	38.50	-16.20	1.08 H	89	95.80	-73.50
3	844.00	22.20	38.50	-16.30	1.07 H	90	95.70	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	829.00	15.70	38.50	-22.80	1.26 V	194	89.40	-73.70
2	836.50	15.00	38.50	-23.50	1.30 V	191	88.50	-73.50
3	844.00	15.50	38.50	-23.00	1.29 V	189	89.00	-73.50

Remarks:

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

n5, Channel Bandwidth 15MHz

Mode	TX channel 166300, 167300, 168300							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	831.50	21.90	38.50	-16.60	1.15 H	89	95.60	-73.70
2	836.50	22.00	38.50	-16.50	1.15 H	89	95.50	-73.50
3	841.50	21.70	38.50	-16.80	1.09 H	89	95.20	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	831.50	15.50	38.50	-23.00	1.27 V	192	89.20	-73.70
2	836.50	15.70	38.50	-22.80	1.31 V	187	89.20	-73.50
3	841.50	16.00	38.50	-22.50	1.33 V	188	89.50	-73.50

Remarks:

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

n5, Channel Bandwidth 20MHz

Mode	TX channel 166800, 167300, 167800							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	834.00	22.30	38.50	-16.20	1.08 H	89	95.80	-73.50
2	836.50	22.20	38.50	-16.30	1.06 H	92	95.70	-73.50
3	839.00	22.20	38.50	-16.30	1.11 H	93	95.70	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	834.00	15.30	38.50	-23.20	1.30 V	188	88.80	-73.50
2	836.50	15.90	38.50	-22.60	1.31 V	193	89.40	-73.50
3	839.00	15.30	38.50	-23.20	1.35 V	191	88.80	-73.50

Remarks:

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

Modulation Type: 64QAM

n5, Channel Bandwidth 5MHz

Mode	TX channel 165300, 167300, 169300							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	826.50	21.50	38.50	-17.00	1.06 H	91	95.20	-73.70
2	836.50	21.70	38.50	-16.80	1.14 H	91	95.20	-73.50
3	846.50	21.00	38.50	-17.50	1.10 H	91	94.50	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	826.50	15.20	38.50	-23.30	1.26 V	190	88.90	-73.70
2	836.50	14.70	38.50	-23.80	1.25 V	189	88.20	-73.50
3	846.50	14.70	38.50	-23.80	1.29 V	190	88.20	-73.50

Remarks:

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

n5, Channel Bandwidth 10MHz

Mode	TX channel 165800, 167300, 168800							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	829.00	21.90	38.50	-16.60	1.05 H	91	95.60	-73.70
2	836.50	22.00	38.50	-16.50	1.10 H	88	95.50	-73.50
3	844.00	21.60	38.50	-16.90	1.05 H	87	95.10	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	829.00	15.30	38.50	-23.20	1.25 V	189	89.00	-73.70
2	836.50	14.70	38.50	-23.80	1.33 V	191	88.20	-73.50
3	844.00	14.90	38.50	-23.60	1.33 V	188	88.40	-73.50

Remarks:

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

n5, Channel Bandwidth 15MHz

Mode	TX channel 166300, 167300, 168300							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	831.50	21.30	38.50	-17.20	1.10 H	89	95.00	-73.70
2	836.50	21.50	38.50	-17.00	1.09 H	91	95.00	-73.50
3	841.50	21.30	38.50	-17.20	1.10 H	87	94.80	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	831.50	15.20	38.50	-23.30	1.34 V	192	88.90	-73.70
2	836.50	15.00	38.50	-23.50	1.32 V	188	88.50	-73.50
3	841.50	15.40	38.50	-23.10	1.26 V	189	88.90	-73.50

Remarks:

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

n5, Channel Bandwidth 20MHz

Mode	TX channel 166800, 167300, 167800							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	834.00	21.60	38.50	-16.90	1.15 H	93	95.10	-73.50
2	836.50	21.70	38.50	-16.80	1.11 H	89	95.20	-73.50
3	839.00	21.70	38.50	-16.80	1.10 H	90	95.20	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	834.00	14.70	38.50	-23.80	1.25 V	189	88.20	-73.50
2	836.50	15.30	38.50	-23.20	1.32 V	188	88.80	-73.50
3	839.00	14.70	38.50	-23.80	1.30 V	189	88.20	-73.50

Remarks:

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

Modulation Type: 256QAM

n5, Channel Bandwidth 5MHz

Mode	TX channel 165300, 167300, 169300							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	826.50	20.10	38.50	-18.40	1.08 H	87	93.80	-73.70
2	836.50	20.10	38.50	-18.40	1.14 H	93	93.60	-73.50
3	846.50	19.50	38.50	-19.00	1.10 H	88	93.00	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	826.50	13.70	38.50	-24.80	1.32 V	193	87.40	-73.70
2	836.50	13.40	38.50	-25.10	1.31 V	194	86.90	-73.50
3	846.50	13.00	38.50	-25.50	1.30 V	192	86.50	-73.50

Remarks:

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

n5, Channel Bandwidth 10MHz

Mode	TX channel 165800, 167300, 168800							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	829.00	20.50	38.50	-18.00	1.10 H	87	94.20	-73.70
2	836.50	20.30	38.50	-18.20	1.06 H	93	93.80	-73.50
3	844.00	20.00	38.50	-18.50	1.06 H	91	93.50	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	829.00	13.80	38.50	-24.70	1.33 V	192	87.50	-73.70
2	836.50	13.30	38.50	-25.20	1.27 V	192	86.80	-73.50
3	844.00	13.30	38.50	-25.20	1.35 V	187	86.80	-73.50

Remarks:

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

n5, Channel Bandwidth 15MHz

Mode	TX channel 166300, 167300, 168300							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	831.50	19.90	38.50	-18.60	1.15 H	89	93.60	-73.70
2	836.50	19.70	38.50	-18.80	1.14 H	88	93.20	-73.50
3	841.50	19.70	38.50	-18.80	1.10 H	92	93.20	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	831.50	13.50	38.50	-25.00	1.27 V	188	87.20	-73.70
2	836.50	13.50	38.50	-25.00	1.29 V	193	87.00	-73.50
3	841.50	13.90	38.50	-24.60	1.34 V	188	87.40	-73.50

Remarks:

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

n5, Channel Bandwidth 20MHz

Mode	TX channel 166800, 167300, 167800							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	834.00	20.30	38.50	-18.20	1.13 H	88	93.80	-73.50
2	836.50	20.30	38.50	-18.20	1.12 H	92	93.80	-73.50
3	839.00	20.30	38.50	-18.20	1.09 H	91	93.80	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	834.00	13.20	38.50	-25.30	1.34 V	192	86.70	-73.50
2	836.50	13.70	38.50	-24.80	1.25 V	191	87.20	-73.50
3	839.00	13.00	38.50	-25.50	1.28 V	188	86.50	-73.50

Remarks:

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

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	2.05 H	182	82.84	-65.84
2	1880.00	16.90	33.00	-16.10	2.03 H	179	82.55	-65.65
3	1909.30	16.90	33.00	-16.10	1.99 H	178	82.38	-65.48
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	20.44	33.00	-12.56	2.48 V	300	86.28	-65.84
2	1880.00	20.50	33.00	-12.50	2.51 V	303	86.15	-65.65
3	1909.30	20.55	33.00	-12.45	2.55 V	304	86.03	-65.48

Remarks:

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

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	1.95 H	178	82.83	-65.83
2	1880.00	17.50	33.00	-15.50	2.05 H	178	83.15	-65.65
3	1908.50	17.40	33.00	-15.60	2.00 H	183	82.88	-65.48
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	20.40	33.00	-12.60	2.50 V	298	86.23	-65.83
2	1880.00	20.80	33.00	-12.20	2.53 V	300	86.45	-65.65
3	1908.50	20.60	33.00	-12.40	2.45 V	300	86.08	-65.48

Remarks:

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

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	17.00	33.00	-16.00	1.96 H	184	82.83	-65.83
2	1880.00	16.70	33.00	-16.30	2.00 H	182	82.35	-65.65
3	1907.50	16.70	33.00	-16.30	2.01 H	178	82.19	-65.49
Antenna Polarity & Test Distance: Vertical at 3 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	20.50	33.00	-12.50	2.52 V	303	86.33	-65.83
2	1880.00	20.50	33.00	-12.50	2.47 V	301	86.15	-65.65
3	1907.50	20.50	33.00	-12.50	2.50 V	303	85.99	-65.49

Remarks:

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

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	17.40	33.00	-15.60	1.98 H	180	83.21	-65.81
2	1880.00	17.20	33.00	-15.80	1.96 H	182	82.85	-65.65
3	1905.00	17.00	33.00	-16.00	2.05 H	178	82.49	-65.49
Antenna Polarity & Test Distance: Vertical at 3 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	20.70	33.00	-12.30	2.55 V	301	86.51	-65.81
2	1880.00	20.70	33.00	-12.30	2.45 V	300	86.35	-65.65
3	1905.00	20.42	33.00	-12.58	2.52 V	299	85.91	-65.49

Remarks:

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

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	16.80	33.00	-16.20	2.01 H	183	82.60	-65.80
2	1880.00	17.40	33.00	-15.60	1.99 H	178	83.05	-65.65
3	1902.50	17.40	33.00	-15.60	1.96 H	180	82.91	-65.51
Antenna Polarity & Test Distance: Vertical at 3 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	20.42	33.00	-12.58	2.46 V	299	86.22	-65.80
2	1880.00	20.51	33.00	-12.49	2.55 V	300	86.16	-65.65
3	1902.50	20.40	33.00	-12.60	2.53 V	304	85.91	-65.51

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 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	16.70	33.00	-16.30	1.98 H	182	82.48	-65.78
2	1880.00	16.70	33.00	-16.30	2.05 H	180	82.35	-65.65
3	1900.00	16.60	33.00	-16.40	1.96 H	178	82.12	-65.52
Antenna Polarity & Test Distance: Vertical at 3 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	20.40	33.00	-12.60	2.49 V	304	86.18	-65.78
2	1880.00	20.80	33.00	-12.20	2.54 V	299	86.45	-65.65
3	1900.00	20.70	33.00	-12.30	2.49 V	300	86.22	-65.52

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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	15.80	33.00	-17.20	1.98 H	179	81.64	-65.84
2	1880.00	15.80	33.00	-17.20	2.01 H	180	81.45	-65.65
3	1909.30	16.00	33.00	-17.00	2.00 H	180	81.48	-65.48
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	19.10	33.00	-13.90	2.50 V	299	84.94	-65.84
2	1880.00	18.90	33.00	-14.10	2.48 V	297	84.55	-65.65
3	1909.30	19.20	33.00	-13.80	2.53 V	303	84.68	-65.48

Remarks:

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

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	15.80	33.00	-17.20	2.05 H	184	81.63	-65.83
2	1880.00	16.30	33.00	-16.70	2.03 H	181	81.95	-65.65
3	1908.50	16.40	33.00	-16.60	1.96 H	178	81.88	-65.48
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	19.20	33.00	-13.80	2.51 V	302	85.03	-65.83
2	1880.00	19.90	33.00	-13.10	2.53 V	302	85.55	-65.65
3	1908.50	19.60	33.00	-13.40	2.53 V	301	85.08	-65.48

Remarks:

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

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	15.80	33.00	-17.20	1.95 H	182	81.63	-65.83
2	1880.00	15.90	33.00	-17.10	1.96 H	183	81.55	-65.65
3	1907.50	15.90	33.00	-17.10	1.96 H	179	81.39	-65.49
Antenna Polarity & Test Distance: Vertical at 3 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	19.50	33.00	-13.50	2.47 V	299	85.33	-65.83
2	1880.00	19.70	33.00	-13.30	2.53 V	300	85.35	-65.65
3	1907.50	19.70	33.00	-13.30	2.49 V	301	85.19	-65.49

Remarks:

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

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	16.40	33.00	-16.60	1.99 H	178	82.21	-65.81
2	1880.00	15.80	33.00	-17.20	2.01 H	177	81.45	-65.65
3	1905.00	15.60	33.00	-17.40	1.97 H	177	81.09	-65.49
Antenna Polarity & Test Distance: Vertical at 3 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	19.60	33.00	-13.40	2.45 V	300	85.41	-65.81
2	1880.00	19.70	33.00	-13.30	2.46 V	297	85.35	-65.65
3	1905.00	19.30	33.00	-13.70	2.47 V	303	84.79	-65.49

Remarks:

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

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	15.90	33.00	-17.10	1.95 H	178	81.70	-65.80
2	1880.00	16.60	33.00	-16.40	1.95 H	182	82.25	-65.65
3	1902.50	16.60	33.00	-16.40	1.96 H	180	82.11	-65.51
Antenna Polarity & Test Distance: Vertical at 3 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	19.10	33.00	-13.90	2.53 V	302	84.90	-65.80
2	1880.00	19.20	33.00	-13.80	2.51 V	297	84.85	-65.65
3	1902.50	19.20	33.00	-13.80	2.55 V	303	84.71	-65.51

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 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	15.90	33.00	-17.10	2.03 H	179	81.68	-65.78
2	1880.00	15.50	33.00	-17.50	2.00 H	177	81.15	-65.65
3	1900.00	15.90	33.00	-17.10	2.00 H	177	81.42	-65.52
Antenna Polarity & Test Distance: Vertical at 3 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	19.30	33.00	-13.70	2.49 V	301	85.08	-65.78
2	1880.00	19.70	33.00	-13.30	2.49 V	304	85.35	-65.65
3	1900.00	19.90	33.00	-13.10	2.45 V	300	85.42	-65.52

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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	15.20	33.00	-17.80	2.00 H	182	81.04	-65.84
2	1880.00	15.30	33.00	-17.70	1.96 H	179	80.95	-65.65
3	1909.30	15.60	33.00	-17.40	1.96 H	181	81.08	-65.48
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	18.50	33.00	-14.50	2.48 V	303	84.34	-65.84
2	1880.00	18.40	33.00	-14.60	2.49 V	301	84.05	-65.65
3	1909.30	18.60	33.00	-14.40	2.53 V	304	84.08	-65.48

Remarks:

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

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	15.30	33.00	-17.70	2.00 H	178	81.13	-65.83
2	1880.00	15.70	33.00	-17.30	1.97 H	177	81.35	-65.65
3	1908.50	16.00	33.00	-17.00	1.97 H	184	81.48	-65.48
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	18.70	33.00	-14.30	2.47 V	302	84.53	-65.83
2	1880.00	19.30	33.00	-13.70	2.47 V	303	84.95	-65.65
3	1908.50	19.20	33.00	-13.80	2.46 V	297	84.68	-65.48

Remarks:

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

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	15.40	33.00	-17.60	2.00 H	179	81.23	-65.83
2	1880.00	15.50	33.00	-17.50	1.98 H	181	81.15	-65.65
3	1907.50	15.40	33.00	-17.60	2.04 H	180	80.89	-65.49
Antenna Polarity & Test Distance: Vertical at 3 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	18.90	33.00	-14.10	2.46 V	298	84.73	-65.83
2	1880.00	19.20	33.00	-13.80	2.49 V	299	84.85	-65.65
3	1907.50	19.10	33.00	-13.90	2.49 V	298	84.59	-65.49

Remarks:

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

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	15.80	33.00	-17.20	1.99 H	178	81.61	-65.81
2	1880.00	15.30	33.00	-17.70	1.95 H	179	80.95	-65.65
3	1905.00	15.10	33.00	-17.90	2.04 H	184	80.59	-65.49
Antenna Polarity & Test Distance: Vertical at 3 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	19.00	33.00	-14.00	2.45 V	299	84.81	-65.81
2	1880.00	19.10	33.00	-13.90	2.49 V	303	84.75	-65.65
3	1905.00	18.90	33.00	-14.10	2.46 V	300	84.39	-65.49

Remarks:

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

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	15.30	33.00	-17.70	2.03 H	179	81.10	-65.80
2	1880.00	16.10	33.00	-16.90	2.05 H	177	81.75	-65.65
3	1902.50	16.10	33.00	-16.90	1.99 H	183	81.61	-65.51
Antenna Polarity & Test Distance: Vertical at 3 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	18.70	33.00	-14.30	2.46 V	297	84.50	-65.80
2	1880.00	18.80	33.00	-14.20	2.48 V	297	84.45	-65.65
3	1902.50	18.60	33.00	-14.40	2.47 V	302	84.11	-65.51

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 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	15.30	33.00	-17.70	1.95 H	177	81.08	-65.78
2	1880.00	15.10	33.00	-17.90	2.02 H	184	80.75	-65.65
3	1900.00	15.50	33.00	-17.50	2.50 H	179	81.02	-65.52
Antenna Polarity & Test Distance: Vertical at 3 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	18.70	33.00	-14.30	2.49 V	303	84.48	-65.78
2	1880.00	19.20	33.00	-13.80	2.51 V	304	84.85	-65.65
3	1900.00	19.50	33.00	-13.50	2.53 V	304	85.02	-65.52

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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: 256QAM

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	13.60	33.00	-19.40	2.00 H	184	79.44	-65.84
2	1880.00	13.80	33.00	-19.20	1.95 H	177	79.45	-65.65
3	1909.30	14.00	33.00	-19.00	1.99 H	183	79.48	-65.48
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	17.10	33.00	-15.90	2.55 V	303	82.94	-65.84
2	1880.00	16.80	33.00	-16.20	2.47 V	299	82.45	-65.65
3	1909.30	17.20	33.00	-15.80	2.50 V	300	82.68	-65.48

Remarks:

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

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	13.90	33.00	-19.10	2.00 H	184	79.73	-65.83
2	1880.00	14.30	33.00	-18.70	1.96 H	183	79.95	-65.65
3	1908.50	14.40	33.00	-18.60	2.00 H	181	79.88	-65.48
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	17.30	33.00	-15.70	2.46 V	299	83.13	-65.83
2	1880.00	17.70	33.00	-15.30	2.54 V	303	83.35	-65.65
3	1908.50	17.60	33.00	-15.40	2.52 V	299	83.08	-65.48

Remarks:

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

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	14.10	33.00	-18.90	2.04 H	180	79.93	-65.83
2	1880.00	14.00	33.00	-19.00	1.99 H	181	79.65	-65.65
3	1907.50	13.90	33.00	-19.10	2.05 H	184	79.39	-65.49
Antenna Polarity & Test Distance: Vertical at 3 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	17.50	33.00	-15.50	2.47 V	304	83.33	-65.83
2	1880.00	17.70	33.00	-15.30	2.48 V	298	83.35	-65.65
3	1907.50	17.70	33.00	-15.30	2.47 V	300	83.19	-65.49

Remarks:

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

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	14.20	33.00	-18.80	1.98 H	177	80.01	-65.81
2	1880.00	13.90	33.00	-19.10	1.97 H	177	79.55	-65.65
3	1905.00	13.60	33.00	-19.40	1.99 H	182	79.09	-65.49
Antenna Polarity & Test Distance: Vertical at 3 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	17.40	33.00	-15.60	2.46 V	304	83.21	-65.81
2	1880.00	17.60	33.00	-15.40	2.50 V	303	83.25	-65.65
3	1905.00	17.20	33.00	-15.80	2.52 V	298	82.69	-65.49

Remarks:

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

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	13.80	33.00	-19.20	2.04 H	179	79.60	-65.80
2	1880.00	14.50	33.00	-18.50	1.98 H	178	80.15	-65.65
3	1902.50	14.60	33.00	-18.40	2.03 H	183	80.11	-65.51
Antenna Polarity & Test Distance: Vertical at 3 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	17.10	33.00	-15.90	2.46 V	298	82.90	-65.80
2	1880.00	17.20	33.00	-15.80	2.49 V	303	82.85	-65.65
3	1902.50	17.10	33.00	-15.90	2.53 V	301	82.61	-65.51

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 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	13.70	33.00	-19.30	2.04 H	179	79.48	-65.78
2	1880.00	13.70	33.00	-19.30	1.95 H	183	79.35	-65.65
3	1900.00	13.90	33.00	-19.10	2.02 H	183	79.42	-65.52
Antenna Polarity & Test Distance: Vertical at 3 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	17.30	33.00	-15.70	2.54 V	304	83.08	-65.78
2	1880.00	17.60	33.00	-15.40	2.45 V	301	83.25	-65.65
3	1900.00	17.90	33.00	-15.10	2.53 V	303	83.42	-65.52

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 66, Channel Bandwidth 1.4MHz

Mode	TX channel 131979, 132322, 132665							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1710.70	19.20	30.00	-10.80	1.55 H	43	85.58	-66.38
2	1745.00	19.10	30.00	-10.90	1.48 H	42	85.38	-66.28
3	1779.30	19.40	30.00	-10.60	1.52 H	41	85.57	-66.17
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1710.70	20.50	30.00	-9.50	2.97 V	289	86.88	-66.38
2	1745.00	20.30	30.00	-9.70	2.96 V	285	86.58	-66.28
3	1779.30	20.80	30.00	-9.20	3.02 V	291	86.97	-66.17

Remarks:

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

LTE Band 66, Channel Bandwidth 3MHz

Mode	TX channel 131987, 132322, 132657							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1711.50	19.70	30.00	-10.30	1.49 H	42	86.08	-66.38
2	1745.00	19.40	30.00	-10.60	1.55 H	37	85.68	-66.28
3	1778.50	19.80	30.00	-10.20	1.50 H	40	85.97	-66.17
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1711.50	20.34	30.00	-9.66	3.01 V	288	86.72	-66.38
2	1745.00	20.32	30.00	-9.68	2.97 V	290	86.60	-66.28
3	1778.50	20.50	30.00	-9.50	2.92 V	287	86.67	-66.17

Remarks:

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

LTE Band 66, Channel Bandwidth 5MHz

Mode	TX channel 131997, 132322, 132647							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1712.50	19.30	30.00	-10.70	1.49 H	43	85.68	-66.38
2	1745.00	19.10	30.00	-10.90	1.47 H	43	85.38	-66.28
3	1777.50	19.00	30.00	-11.00	1.45 H	42	85.17	-66.17
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1712.50	20.40	30.00	-9.60	2.96 V	287	86.78	-66.38
2	1745.00	20.51	30.00	-9.49	2.92 V	290	86.79	-66.28
3	1777.50	20.80	30.00	-9.20	2.93 V	287	86.97	-66.17

Remarks:

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

LTE Band 66, Channel Bandwidth 10MHz

Mode	TX channel 132022, 132322, 132622							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1715.00	19.60	30.00	-10.40	1.48 H	38	85.96	-66.36
2	1745.00	19.60	30.00	-10.40	1.51 H	44	85.88	-66.28
3	1775.00	19.80	30.00	-10.20	1.53 H	44	85.99	-66.19
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1715.00	20.44	30.00	-9.56	3.02 V	285	86.80	-66.36
2	1745.00	20.60	30.00	-9.40	2.95 V	289	86.88	-66.28
3	1775.00	20.45	30.00	-9.55	2.96 V	287	86.64	-66.19

Remarks:

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

LTE Band 66, Channel Bandwidth 15MHz

Mode	TX channel 132047, 132322, 132597							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1717.50	19.60	30.00	-10.40	1.48 H	39	85.96	-66.36
2	1745.00	19.50	30.00	-10.50	1.48 H	44	85.78	-66.28
3	1772.50	19.80	30.00	-10.20	1.48 H	40	86.00	-66.20
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1717.50	20.70	30.00	-9.30	2.97 V	287	87.06	-66.36
2	1745.00	20.40	30.00	-9.60	2.97 V	292	86.68	-66.28
3	1772.50	20.50	30.00	-9.50	3.02 V	287	86.70	-66.20

Remarks:

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

LTE Band 66, Channel Bandwidth 20MHz

Mode	TX channel 132072, 132322, 132572							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1720.00	19.10	30.00	-10.90	1.47 H	40	85.45	-66.35
2	1745.00	19.10	30.00	-10.90	1.46 H	39	85.38	-66.28
3	1770.00	19.00	30.00	-11.00	1.45 H	45	85.20	-66.20
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1720.00	20.40	30.00	-9.60	3.01 V	290	86.75	-66.35
2	1745.00	20.80	30.00	-9.20	2.94 V	292	87.08	-66.28
3	1770.00	20.50	30.00	-9.50	2.98 V	291	86.70	-66.20

Remarks:

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

Modulation Type: 16QAM

LTE Band 66, Channel Bandwidth 1.4MHz

Mode	TX channel 131979, 132322, 132665							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1710.70	18.40	30.00	-11.60	1.55 H	41	84.78	-66.38
2	1745.00	18.20	30.00	-11.80	1.55 H	37	84.48	-66.28
3	1779.30	18.50	30.00	-11.50	1.46 H	39	84.67	-66.17
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1710.70	19.60	30.00	-10.40	3.01 V	291	85.98	-66.38
2	1745.00	19.50	30.00	-10.50	3.01 V	285	85.78	-66.28
3	1779.30	19.60	30.00	-10.40	2.92 V	291	85.77	-66.17

Remarks:

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

LTE Band 66, Channel Bandwidth 3MHz

Mode	TX channel 131987, 132322, 132657							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1711.50	18.60	30.00	-11.40	1.51 H	38	84.98	-66.38
2	1745.00	18.30	30.00	-11.70	1.55 H	40	84.58	-66.28
3	1778.50	18.60	30.00	-11.40	1.55 H	43	84.77	-66.17
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1711.50	19.00	30.00	-11.00	2.97 V	291	85.38	-66.38
2	1745.00	19.20	30.00	-10.80	2.97 V	292	85.48	-66.28
3	1778.50	19.50	30.00	-10.50	2.99 V	287	85.67	-66.17

Remarks:

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

LTE Band 66, Channel Bandwidth 5MHz

Mode	TX channel 131997, 132322, 132647							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1712.50	18.20	30.00	-11.80	1.48 H	42	84.58	-66.38
2	1745.00	18.00	30.00	-12.00	1.51 H	39	84.28	-66.28
3	1777.50	18.00	30.00	-12.00	1.51 H	41	84.17	-66.17
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1712.50	18.80	30.00	-11.20	2.94 V	292	85.18	-66.38
2	1745.00	19.30	30.00	-10.70	2.93 V	289	85.58	-66.28
3	1777.50	19.70	30.00	-10.30	2.92 V	290	85.87	-66.17

Remarks:

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

LTE Band 66, Channel Bandwidth 10MHz

Mode	TX channel 132022, 132322, 132622							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1715.00	18.60	30.00	-11.40	1.47 H	40	84.96	-66.36
2	1745.00	18.70	30.00	-11.30	1.47 H	43	84.98	-66.28
3	1775.00	18.80	30.00	-11.20	1.48 H	42	84.99	-66.19
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1715.00	19.00	30.00	-11.00	2.94 V	292	85.36	-66.36
2	1745.00	19.70	30.00	-10.30	2.92 V	287	85.98	-66.28
3	1775.00	19.30	30.00	-10.70	2.99 V	292	85.49	-66.19

Remarks:

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

LTE Band 66, Channel Bandwidth 15MHz

Mode	TX channel 132047, 132322, 132597							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1717.50	18.40	30.00	-11.60	1.47 H	43	84.76	-66.36
2	1745.00	18.40	30.00	-11.60	1.51 H	41	84.68	-66.28
3	1772.50	18.80	30.00	-11.20	1.52 H	38	85.00	-66.20
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1717.50	19.80	30.00	-10.20	3.02 V	288	86.16	-66.36
2	1745.00	19.30	30.00	-10.70	2.92 V	290	85.58	-66.28
3	1772.50	19.40	30.00	-10.60	2.94 V	285	85.60	-66.20

Remarks:

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

LTE Band 66, Channel Bandwidth 20MHz

Mode	TX channel 132072, 132322, 132572							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1720.00	18.10	30.00	-11.90	1.48 H	43	84.45	-66.35
2	1745.00	18.30	30.00	-11.70	1.48 H	44	84.58	-66.28
3	1770.00	18.10	30.00	-11.90	1.49 H	42	84.30	-66.20
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1720.00	19.50	30.00	-10.50	3.00 V	288	85.85	-66.35
2	1745.00	19.70	30.00	-10.30	2.96 V	289	85.98	-66.28
3	1770.00	19.50	30.00	-10.50	2.97 V	290	85.70	-66.20

Remarks:

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

Modulation Type: 64QAM

LTE Band 66, Channel Bandwidth 1.4MHz

Mode	TX channel 131979, 132322, 132665							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1710.70	17.90	30.00	-12.10	1.48 H	39	84.28	-66.38
2	1745.00	17.70	30.00	-12.30	1.46 H	39	83.98	-66.28
3	1779.30	18.10	30.00	-11.90	1.54 H	42	84.27	-66.17
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1710.70	19.20	30.00	-10.80	2.94 V	291	85.58	-66.38
2	1745.00	19.00	30.00	-11.00	2.95 V	292	85.28	-66.28
3	1779.30	19.00	30.00	-11.00	2.92 V	291	85.17	-66.17

Remarks:

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

LTE Band 66, Channel Bandwidth 3MHz

Mode	TX channel 131987, 132322, 132657							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1711.50	18.10	30.00	-11.90	1.49 H	43	84.48	-66.38
2	1745.00	17.90	30.00	-12.10	1.46 H	41	84.18	-66.28
3	1778.50	18.00	30.00	-12.00	1.55 H	40	84.17	-66.17
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1711.50	18.60	30.00	-11.40	2.93 V	286	84.98	-66.38
2	1745.00	18.70	30.00	-11.30	2.97 V	291	84.98	-66.28
3	1778.50	18.90	30.00	-11.10	2.98 V	291	85.07	-66.17

Remarks:

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

LTE Band 66, Channel Bandwidth 5MHz

Mode	TX channel 131997, 132322, 132647							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1712.50	17.80	30.00	-12.20	1.48 H	40	84.18	-66.38
2	1745.00	17.60	30.00	-12.40	1.49 H	42	83.88	-66.28
3	1777.50	17.50	30.00	-12.50	1.48 H	42	83.67	-66.17
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1712.50	18.40	30.00	-11.60	2.98 V	292	84.78	-66.38
2	1745.00	18.70	30.00	-11.30	2.95 V	291	84.98	-66.28
3	1777.50	19.30	30.00	-10.70	2.99 V	291	85.47	-66.17

Remarks:

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

LTE Band 66, Channel Bandwidth 10MHz

Mode	TX channel 132022, 132322, 132622							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1715.00	18.20	30.00	-11.80	1.45 H	44	84.56	-66.36
2	1745.00	18.30	30.00	-11.70	1.55 H	37	84.58	-66.28
3	1775.00	18.20	30.00	-11.80	1.47 H	38	84.39	-66.19
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1715.00	18.60	30.00	-11.40	2.94 V	285	84.96	-66.36
2	1745.00	19.10	30.00	-10.90	3.01 V	287	85.38	-66.28
3	1775.00	18.50	30.00	-11.50	3.01 V	295	84.69	-66.19

Remarks:

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

LTE Band 66, Channel Bandwidth 15MHz

Mode	TX channel 132047, 132322, 132597							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1717.50	18.00	30.00	-12.00	1.53 H	38	84.36	-66.36
2	1745.00	17.90	30.00	-12.10	1.49 H	37	84.18	-66.28
3	1772.50	18.30	30.00	-11.70	1.46 H	42	84.50	-66.20
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1717.50	19.40	30.00	-10.60	3.02 V	292	85.76	-66.36
2	1745.00	18.60	30.00	-11.40	3.02 V	291	84.88	-66.28
3	1772.50	19.00	30.00	-11.00	2.97 V	291	85.20	-66.20

Remarks:

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

LTE Band 66, Channel Bandwidth 20MHz

Mode	TX channel 132072, 132322, 132572							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1720.00	17.50	30.00	-12.50	1.49 H	39	83.85	-66.35
2	1745.00	17.80	30.00	-12.20	1.48 H	41	84.08	-66.28
3	1770.00	17.50	30.00	-12.50	1.52 H	44	83.70	-66.20
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1720.00	19.10	30.00	-10.90	3.01 V	289	85.45	-66.35
2	1745.00	19.30	30.00	-10.70	2.94 V	286	85.58	-66.28
3	1770.00	19.00	30.00	-11.00	2.92 V	290	85.20	-66.20

Remarks:

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

Modulation Type: 256QAM

LTE Band 66, Channel Bandwidth 1.4MHz

Mode	TX channel 131979, 132322, 132665							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1710.70	16.40	30.00	-13.60	1.50 H	37	82.78	-66.38
2	1745.00	16.30	30.00	-13.70	1.48 H	44	82.58	-66.28
3	1779.30	16.70	30.00	-13.30	1.49 H	41	82.87	-66.17
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1710.70	17.60	30.00	-12.40	2.92 V	289	83.98	-66.38
2	1745.00	17.60	30.00	-12.40	2.95 V	292	83.88	-66.28
3	1779.30	17.50	30.00	-12.50	3.01 V	286	83.67	-66.17

Remarks:

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

LTE Band 66, Channel Bandwidth 3MHz

Mode	TX channel 131987, 132322, 132657							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1711.50	16.60	30.00	-13.40	1.50 H	39	82.98	-66.38
2	1745.00	16.50	30.00	-13.50	1.43 H	43	82.78	-66.28
3	1778.50	16.50	30.00	-13.50	1.53 H	40	82.67	-66.17
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1711.50	17.20	30.00	-12.80	2.96 V	288	83.58	-66.38
2	1745.00	17.10	30.00	-12.90	2.93 V	286	83.38	-66.28
3	1778.50	17.40	30.00	-12.60	2.94 V	285	83.57	-66.17

Remarks:

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

LTE Band 66, Channel Bandwidth 5MHz

Mode	TX channel 131997, 132322, 132647							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1712.50	16.40	30.00	-13.60	1.53 H	44	82.78	-66.38
2	1745.00	16.20	30.00	-13.80	1.49 H	43	82.48	-66.28
3	1777.50	16.00	30.00	-14.00	1.47 H	41	82.17	-66.17
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1712.50	16.90	30.00	-13.10	2.92 V	288	83.28	-66.38
2	1745.00	17.10	30.00	-12.90	3.00 V	298	83.38	-66.28
3	1777.50	17.80	30.00	-12.20	3.00 V	289	83.97	-66.17

Remarks:

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

LTE Band 66, Channel Bandwidth 10MHz

Mode	TX channel 132022, 132322, 132622							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1715.00	16.60	30.00	-13.40	1.55 H	37	82.96	-66.36
2	1745.00	16.90	30.00	-13.10	1.47 H	38	83.18	-66.28
3	1775.00	16.70	30.00	-13.30	1.55 H	37	82.89	-66.19
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1715.00	17.40	30.00	-12.60	3.00 V	291	83.76	-66.36
2	1745.00	17.70	30.00	-12.30	3.00 V	291	83.98	-66.28
3	1775.00	17.20	30.00	-12.80	3.01 V	288	83.39	-66.19

Remarks:

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

LTE Band 66, Channel Bandwidth 15MHz

Mode	TX channel 132047, 132322, 132597							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1717.50	16.40	30.00	-13.60	1.52 H	42	82.76	-66.36
2	1745.00	16.40	30.00	-13.60	1.52 H	39	82.68	-66.28
3	1772.50	16.80	30.00	-13.20	1.45 H	39	83.00	-66.20
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1717.50	17.80	30.00	-12.20	3.03 V	293	84.16	-66.36
2	1745.00	17.50	30.00	-12.50	2.95 V	291	83.78	-66.28
3	1772.50	17.50	30.00	-12.50	3.00 V	290	83.70	-66.20

Remarks:

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

LTE Band 66, Channel Bandwidth 20MHz

Mode	TX channel 132072, 132322, 132572							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1720.00	16.10	30.00	-13.90	1.54 H	43	82.45	-66.35
2	1745.00	16.40	30.00	-13.60	1.48 H	38	82.68	-66.28
3	1770.00	15.90	30.00	-14.10	1.46 H	39	82.10	-66.20
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1720.00	17.60	30.00	-12.40	2.92 V	288	83.95	-66.35
2	1745.00	17.70	30.00	-12.30	2.92 V	291	83.98	-66.28
3	1770.00	17.40	30.00	-12.60	2.98 V	290	83.60	-66.20

Remarks:

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

External Antenna

Modulation Type: $\pi/2$ BPSK

n5, Channel Bandwidth 5MHz

Mode	TX channel 165300, 167300, 169300							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	826.50	20.59	38.50	-17.91	1.38 H	190	86.30	-65.71
2	836.50	20.64	38.50	-17.86	1.36 H	190	86.30	-65.66
3	846.50	20.86	38.50	-17.64	1.38 H	191	86.40	-65.54
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	826.50	21.99	38.50	-16.51	1.22 V	309	87.70	-65.71
2	836.50	22.34	38.50	-16.16	1.19 V	311	88.00	-65.66
3	846.50	22.16	38.50	-16.34	1.25 V	311	87.70	-65.54

Remarks:

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

n5, Channel Bandwidth 10MHz

Mode	TX channel 165800, 167300, 168800							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	829.00	20.48	38.50	-18.02	1.36 H	187	86.20	-65.72
2	836.50	20.34	38.50	-18.16	1.35 H	188	86.00	-65.66
3	844.00	20.84	38.50	-17.66	1.34 H	191	86.40	-65.56
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	829.00	22.28	38.50	-16.22	1.27 V	308	88.00	-65.72
2	836.50	22.04	38.50	-16.46	1.28 V	309	87.70	-65.66
3	844.00	22.24	38.50	-16.26	1.24 V	309	87.80	-65.56

Remarks:

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

n5, Channel Bandwidth 15MHz

Mode	TX channel 166300, 167300, 168300							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	831.50	20.69	38.50	-17.81	1.34 H	187	86.40	-65.71
2	836.50	20.74	38.50	-17.76	1.29 H	191	86.40	-65.66
3	841.50	20.43	38.50	-18.07	1.39 H	191	86.00	-65.57
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	831.50	21.99	38.50	-16.51	1.22 V	304	87.70	-65.71
2	836.50	22.04	38.50	-16.46	1.27 V	306	87.70	-65.66
3	841.50	22.33	38.50	-16.17	1.23 V	304	87.90	-65.57

Remarks:

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

n5, Channel Bandwidth 20MHz

Mode	TX channel 166800, 167300, 167800							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	834.00	20.71	38.50	-17.79	1.31 H	194	86.40	-65.69
2	836.50	20.84	38.50	-17.66	1.30 H	194	86.50	-65.66
3	839.00	20.70	38.50	-17.80	1.39 H	193	86.30	-65.60
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	834.00	22.11	38.50	-16.39	1.28 V	305	87.80	-65.69
2	836.50	22.54	38.50	-15.96	1.23 V	304	88.20	-65.66
3	839.00	22.20	38.50	-16.30	1.20 V	306	87.80	-65.60

Remarks:

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

Modulation Type: QPSK

n5, Channel Bandwidth 5MHz

Mode	TX channel 165300, 167300, 169300							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	826.50	19.20	38.50	-19.30	1.27 H	194	92.90	-73.70
2	836.50	18.60	38.50	-19.90	1.34 H	190	92.10	-73.50
3	846.50	18.50	38.50	-20.00	1.30 H	191	92.00	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	826.50	20.40	38.50	-18.10	1.23 V	307	94.10	-73.70
2	836.50	20.30	38.50	-18.20	1.24 V	307	93.80	-73.50
3	846.50	20.10	38.50	-18.40	1.22 V	310	93.60	-73.50

Remarks:

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

n5, Channel Bandwidth 10MHz

Mode	TX channel 165800, 167300, 168800							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	829.00	19.10	38.50	-19.40	1.35 H	187	92.80	-73.70
2	836.50	18.70	38.50	-19.80	1.28 H	188	92.20	-73.50
3	844.00	19.30	38.50	-19.20	1.35 H	190	92.80	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	829.00	20.40	38.50	-18.10	1.21 V	308	94.10	-73.70
2	836.50	21.00	38.50	-17.50	1.15 V	307	94.50	-73.50
3	844.00	20.70	38.50	-17.80	1.23 V	309	94.20	-73.50

Remarks:

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

n5, Channel Bandwidth 15MHz

Mode	TX channel 166300, 167300, 168300							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	831.50	19.30	38.50	-19.20	1.34 H	187	93.00	-73.70
2	836.50	19.10	38.50	-19.40	1.25 H	187	92.60	-73.50
3	841.50	18.70	38.50	-19.80	1.29 H	187	92.20	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	831.50	20.90	38.50	-17.60	1.22 V	310	94.60	-73.70
2	836.50	20.60	38.50	-17.90	1.21 V	307	94.10	-73.50
3	841.50	20.60	38.50	-17.90	1.18 V	310	94.10	-73.50

Remarks:

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

n5, Channel Bandwidth 20MHz

Mode	TX channel 166800, 167300, 167800							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	834.00	18.60	38.50	-19.90	1.34 H	193	92.10	-73.50
2	836.50	19.20	38.50	-19.30	1.35 H	194	92.70	-73.50
3	839.00	18.50	38.50	-20.00	1.30 H	194	92.00	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	834.00	20.70	38.50	-17.80	1.25 V	311	94.20	-73.50
2	836.50	20.10	38.50	-18.40	1.20 V	308	93.60	-73.50
3	839.00	20.20	38.50	-18.30	1.16 V	312	93.70	-73.50

Remarks:

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

Modulation Type: 16QAM

n5, Channel Bandwidth 5MHz

Mode	TX channel 165300, 167300, 169300							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	826.50	18.10	38.50	-20.40	1.29 H	187	91.80	-73.70
2	836.50	17.30	38.50	-21.20	1.33 H	192	90.80	-73.50
3	846.50	17.60	38.50	-20.90	1.30 H	191	91.10	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	826.50	19.50	38.50	-19.00	1.15 V	313	93.20	-73.70
2	836.50	19.20	38.50	-19.30	1.25 V	310	92.70	-73.50
3	846.50	19.20	38.50	-19.30	1.22 V	311	92.70	-73.50

Remarks:

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

n5, Channel Bandwidth 10MHz

Mode	TX channel 165800, 167300, 168800							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	829.00	17.90	38.50	-20.60	1.34 H	189	91.60	-73.70
2	836.50	17.70	38.50	-20.80	1.33 H	193	91.20	-73.50
3	844.00	18.20	38.50	-20.30	1.30 H	189	91.70	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	829.00	19.30	38.50	-19.20	1.23 V	314	93.00	-73.70
2	836.50	20.10	38.50	-18.40	1.23 V	311	93.60	-73.50
3	844.00	20.00	38.50	-18.50	1.20 V	309	93.50	-73.50

Remarks:

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

n5, Channel Bandwidth 15MHz

Mode	TX channel 166300, 167300, 168300							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	831.50	18.30	38.50	-20.20	1.26 H	193	92.00	-73.70
2	836.50	18.20	38.50	-20.30	1.28 H	192	91.70	-73.50
3	841.50	17.70	38.50	-20.80	1.31 H	193	91.20	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	831.50	20.10	38.50	-18.40	1.19 V	314	93.80	-73.70
2	836.50	19.70	38.50	-18.80	1.25 V	308	93.20	-73.50
3	841.50	19.30	38.50	-19.20	1.22 V	312	92.80	-73.50

Remarks:

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

n5, Channel Bandwidth 20MHz

Mode	TX channel 166800, 167300, 167800							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	834.00	17.60	38.50	-20.90	1.25 H	193	91.10	-73.50
2	836.50	18.30	38.50	-20.20	1.25 H	187	91.80	-73.50
3	839.00	17.30	38.50	-21.20	1.28 H	187	90.80	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	834.00	19.50	38.50	-19.00	1.18 V	312	93.00	-73.50
2	836.50	19.30	38.50	-19.20	1.25 V	313	92.80	-73.50
3	839.00	18.70	38.50	-19.80	1.19 V	313	92.20	-73.50

Remarks:

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

Modulation Type: 64QAM

n5, Channel Bandwidth 5MHz

Mode	TX channel 165300, 167300, 169300							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	826.50	17.70	38.50	-20.80	1.31 H	191	91.40	-73.70
2	836.50	17.10	38.50	-21.40	1.28 H	191	90.60	-73.50
3	846.50	17.20	38.50	-21.30	1.30 H	194	90.70	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	826.50	19.10	38.50	-19.40	1.18 V	307	92.80	-73.70
2	836.50	18.60	38.50	-19.90	1.20 V	312	92.10	-73.50
3	846.50	18.70	38.50	-19.80	1.25 V	307	92.20	-73.50

Remarks:

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

n5, Channel Bandwidth 10MHz

Mode	TX channel 165800, 167300, 168800							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	829.00	17.50	38.50	-21.00	1.29 H	190	91.20	-73.70
2	836.50	17.30	38.50	-21.20	1.29 H	194	90.80	-73.50
3	844.00	17.70	38.50	-20.80	1.33 H	194	91.20	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	829.00	18.70	38.50	-19.80	1.16 V	308	92.40	-73.70
2	836.50	19.60	38.50	-18.90	1.15 V	307	93.10	-73.50
3	844.00	19.50	38.50	-19.00	1.20 V	308	93.00	-73.50

Remarks:

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

n5, Channel Bandwidth 15MHz

Mode	TX channel 166300, 167300, 168300							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	831.50	17.70	38.50	-20.80	1.35 H	192	91.40	-73.70
2	836.50	17.60	38.50	-20.90	1.25 H	192	91.10	-73.50
3	841.50	17.30	38.50	-21.20	1.26 H	189	90.80	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	831.50	19.70	38.50	-18.80	1.24 V	314	93.40	-73.70
2	836.50	19.10	38.50	-19.40	1.24 V	310	92.60	-73.50
3	841.50	18.70	38.50	-19.80	1.16 V	309	92.20	-73.50

Remarks:

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

n5, Channel Bandwidth 20MHz

Mode	TX channel 166800, 167300, 167800							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	834.00	17.20	38.50	-21.30	1.30 H	189	90.70	-73.50
2	836.50	17.70	38.50	-20.80	1.25 H	190	91.20	-73.50
3	839.00	16.70	38.50	-21.80	1.31 H	191	90.20	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	834.00	19.00	38.50	-19.50	1.19 V	314	92.50	-73.50
2	836.50	18.70	38.50	-19.80	1.15 V	313	92.20	-73.50
3	839.00	18.30	38.50	-20.20	1.20 V	307	91.80	-73.50

Remarks:

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

Modulation Type: 256QAM

n5, Channel Bandwidth 5MHz

Mode	TX channel 165300, 167300, 169300							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	826.50	16.20	38.50	-22.30	1.30 H	194	89.90	-73.70
2	836.50	15.50	38.50	-23.00	1.34 H	193	89.00	-73.50
3	846.50	15.40	38.50	-23.10	1.30 H	191	88.90	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	826.50	17.50	38.50	-21.00	1.18 V	309	91.20	-73.70
2	836.50	17.00	38.50	-21.50	1.21 V	313	90.50	-73.50
3	846.50	17.30	38.50	-21.20	1.20 V	308	90.80	-73.50

Remarks:

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

n5, Channel Bandwidth 10MHz

Mode	TX channel 165800, 167300, 168800							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	829.00	15.90	38.50	-22.60	1.30 H	191	89.60	-73.70
2	836.50	15.70	38.50	-22.80	1.26 H	191	89.20	-73.50
3	844.00	16.30	38.50	-22.20	1.30 H	194	89.80	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	829.00	17.10	38.50	-21.40	1.15 V	311	90.80	-73.70
2	836.50	18.10	38.50	-20.40	1.25 V	309	91.60	-73.50
3	844.00	18.10	38.50	-20.40	1.24 V	311	91.60	-73.50

Remarks:

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

n5, Channel Bandwidth 15MHz

Mode	TX channel 166300, 167300, 168300							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	831.50	16.10	38.50	-22.40	1.34 H	190	89.80	-73.70
2	836.50	16.20	38.50	-22.30	1.31 H	192	89.70	-73.50
3	841.50	16.00	38.50	-22.50	1.34 H	188	89.50	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	831.50	18.30	38.50	-20.20	1.18 V	307	92.00	-73.70
2	836.50	17.60	38.50	-20.90	1.20 V	312	91.10	-73.50
3	841.50	17.20	38.50	-21.30	1.17 V	308	90.70	-73.50

Remarks:

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

n5, Channel Bandwidth 20MHz

Mode	TX channel 166800, 167300, 167800							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	834.00	15.70	38.50	-22.80	1.29 H	189	89.20	-73.50
2	836.50	16.30	38.50	-22.20	1.28 H	191	89.80	-73.50
3	839.00	15.20	38.50	-23.30	1.27 H	188	88.70	-73.50
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	834.00	17.30	38.50	-21.20	1.17 V	310	90.80	-73.50
2	836.50	17.30	38.50	-21.20	1.19 V	313	90.80	-73.50
3	839.00	16.70	38.50	-21.80	1.18 V	310	90.20	-73.50

Remarks:

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

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	11.90	33.00	-21.10	3.50 H	34	77.74	-65.84
2	1880.00	11.90	33.00	-21.10	3.53 H	44	77.55	-65.65
3	1909.30	11.90	33.00	-21.10	3.53 H	43	77.38	-65.48
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	19.00	33.00	-14.00	1.35 V	303	84.84	-65.84
2	1880.00	19.05	33.00	-13.95	1.36 V	303	84.70	-65.65
3	1909.30	19.10	33.00	-13.90	1.32 V	302	84.58	-65.48

Remarks:

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

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	12.10	33.00	-20.90	3.50 H	38	77.93	-65.83
2	1880.00	11.80	33.00	-21.20	3.55 H	41	77.45	-65.65
3	1908.50	12.10	33.00	-20.90	3.59 H	40	77.58	-65.48
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	18.99	33.00	-14.01	1.35 V	297	84.82	-65.83
2	1880.00	19.00	33.00	-14.00	1.32 V	299	84.65	-65.65
3	1908.50	19.12	33.00	-13.88	1.29 V	304	84.60	-65.48

Remarks:

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

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	11.90	33.00	-21.10	3.53 H	39	77.73	-65.83
2	1880.00	11.70	33.00	-21.30	3.58 H	37	77.35	-65.65
3	1907.50	12.20	33.00	-20.80	3.53 H	40	77.69	-65.49
Antenna Polarity & Test Distance: Vertical at 3 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	19.25	33.00	-13.75	1.29 V	299	85.08	-65.83
2	1880.00	19.17	33.00	-13.83	1.29 V	303	84.82	-65.65
3	1907.50	19.09	33.00	-13.91	1.30 V	298	84.58	-65.49

Remarks:

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

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	12.20	33.00	-20.80	3.58 H	43	78.01	-65.81
2	1880.00	12.00	33.00	-21.00	3.59 H	33	77.65	-65.65
3	1905.00	11.70	33.00	-21.30	3.53 H	40	77.19	-65.49
Antenna Polarity & Test Distance: Vertical at 3 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	19.00	33.00	-14.00	1.35 V	305	84.81	-65.81
2	1880.00	19.10	33.00	-13.90	1.34 V	304	84.75	-65.65
3	1905.00	19.08	33.00	-13.92	1.37 V	301	84.57	-65.49

Remarks:

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

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	12.10	33.00	-20.90	3.52 H	37	77.90	-65.80
2	1880.00	12.20	33.00	-20.80	3.53 H	44	77.85	-65.65
3	1902.50	11.90	33.00	-21.10	3.58 H	37	77.41	-65.51
Antenna Polarity & Test Distance: Vertical at 3 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	19.06	33.00	-13.94	1.31 V	301	84.86	-65.80
2	1880.00	19.00	33.00	-14.00	1.30 V	297	84.65	-65.65
3	1902.50	19.16	33.00	-13.84	1.33 V	303	84.67	-65.51

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 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	12.20	33.00	-20.80	3.50 H	37	77.98	-65.78
2	1880.00	12.10	33.00	-20.90	3.57 H	42	77.75	-65.65
3	1900.00	12.10	33.00	-20.90	3.59 H	41	77.62	-65.52
Antenna Polarity & Test Distance: Vertical at 3 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	19.18	33.00	-13.82	1.29 V	297	84.96	-65.78
2	1880.00	19.18	33.00	-13.82	1.35 V	302	84.83	-65.65
3	1900.00	19.29	33.00	-13.71	1.28 V	299	84.81	-65.52

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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	11.10	33.00	-21.90	3.51 H	43	76.94	-65.84
2	1880.00	10.90	33.00	-22.10	3.51 H	38	76.55	-65.65
3	1909.30	11.10	33.00	-21.90	3.55 H	42	76.58	-65.48
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	17.90	33.00	-15.10	1.35 V	299	83.74	-65.84
2	1880.00	18.10	33.00	-14.90	1.31 V	301	83.75	-65.65
3	1909.30	17.60	33.00	-15.40	1.36 V	304	83.08	-65.48

Remarks:

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

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	11.20	33.00	-21.80	3.59 H	38	77.03	-65.83
2	1880.00	10.80	33.00	-22.20	3.59 H	43	76.45	-65.65
3	1908.50	11.30	33.00	-21.70	3.59 H	39	76.78	-65.48
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	17.70	33.00	-15.30	1.38 V	302	83.53	-65.83
2	1880.00	18.10	33.00	-14.90	1.31 V	303	83.75	-65.65
3	1908.50	17.60	33.00	-15.40	1.28 V	298	83.08	-65.48

Remarks:

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

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	11.10	33.00	-21.90	3.57 H	38	76.93	-65.83
2	1880.00	10.60	33.00	-22.40	3.56 H	42	76.25	-65.65
3	1907.50	11.20	33.00	-21.80	3.56 H	41	76.69	-65.49
Antenna Polarity & Test Distance: Vertical at 3 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	17.40	33.00	-15.60	1.35 V	298	83.23	-65.83
2	1880.00	17.60	33.00	-15.40	1.38 V	297	83.25	-65.65
3	1907.50	17.90	33.00	-15.10	1.34 V	304	83.39	-65.49

Remarks:

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

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	11.10	33.00	-21.90	3.53 H	43	76.91	-65.81
2	1880.00	10.80	33.00	-22.20	3.57 H	43	76.45	-65.65
3	1905.00	10.60	33.00	-22.40	3.55 H	42	76.09	-65.49
Antenna Polarity & Test Distance: Vertical at 3 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	17.80	33.00	-15.20	1.36 V	303	83.61	-65.81
2	1880.00	17.90	33.00	-15.10	1.28 V	299	83.55	-65.65
3	1905.00	17.60	33.00	-15.40	1.38 V	301	83.09	-65.49

Remarks:

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

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	10.90	33.00	-22.10	3.59 H	37	76.70	-65.80
2	1880.00	11.30	33.00	-21.70	3.55 H	39	76.95	-65.65
3	1902.50	10.90	33.00	-22.10	3.55 H	44	76.41	-65.51
Antenna Polarity & Test Distance: Vertical at 3 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	17.70	33.00	-15.30	1.33 V	301	83.50	-65.80
2	1880.00	18.20	33.00	-14.80	1.35 V	299	83.85	-65.65
3	1902.50	17.60	33.00	-15.40	1.33 V	299	83.11	-65.51

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 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	11.40	33.00	-21.60	3.58 H	43	77.18	-65.78
2	1880.00	11.30	33.00	-21.70	3.55 H	42	76.95	-65.65
3	1900.00	11.10	33.00	-21.90	3.51 H	39	76.62	-65.52
Antenna Polarity & Test Distance: Vertical at 3 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	18.00	33.00	-15.00	1.36 V	299	83.78	-65.78
2	1880.00	17.80	33.00	-15.20	1.37 V	302	83.45	-65.65
3	1900.00	18.10	33.00	-14.90	1.38 V	302	83.62	-65.52

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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	10.70	33.00	-22.30	3.55 H	41	76.54	-65.84
2	1880.00	10.40	33.00	-22.60	3.51 H	41	76.05	-65.65
3	1909.30	10.70	33.00	-22.30	3.52 H	44	76.18	-65.48
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	17.40	33.00	-15.60	1.29 V	298	83.24	-65.84
2	1880.00	17.70	33.00	-15.30	1.30 V	302	83.35	-65.65
3	1909.30	17.10	33.00	-15.90	1.32 V	303	82.58	-65.48

Remarks:

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

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	10.60	33.00	-22.40	3.54 H	40	76.43	-65.83
2	1880.00	10.30	33.00	-22.70	3.53 H	42	75.95	-65.65
3	1908.50	10.90	33.00	-22.10	3.59 H	44	76.38	-65.48
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	17.10	33.00	-15.90	1.34 V	300	82.93	-65.83
2	1880.00	17.60	33.00	-15.40	1.38 V	298	83.25	-65.65
3	1908.50	17.10	33.00	-15.90	1.38 V	303	82.58	-65.48

Remarks:

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

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	10.60	33.00	-22.40	3.54 H	40	76.43	-65.83
2	1880.00	10.20	33.00	-22.80	3.55 H	41	75.85	-65.65
3	1907.50	10.60	33.00	-22.40	3.54 H	40	76.09	-65.49
Antenna Polarity & Test Distance: Vertical at 3 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	16.90	33.00	-16.10	1.38 V	300	82.73	-65.83
2	1880.00	17.00	33.00	-16.00	1.28 V	297	82.65	-65.65
3	1907.50	17.50	33.00	-15.50	1.38 V	301	82.99	-65.49

Remarks:

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

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	10.70	33.00	-22.30	3.52 H	37	76.51	-65.81
2	1880.00	10.20	33.00	-22.80	3.53 H	44	75.85	-65.65
3	1905.00	10.10	33.00	-22.90	3.60 H	41	75.59	-65.49
Antenna Polarity & Test Distance: Vertical at 3 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	17.40	33.00	-15.60	1.37 V	302	83.21	-65.81
2	1880.00	17.50	33.00	-15.50	1.32 V	303	83.15	-65.65
3	1905.00	17.10	33.00	-15.90	1.32 V	298	82.59	-65.49

Remarks:

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

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	10.30	33.00	-22.70	3.51 H	43	76.10	-65.80
2	1880.00	10.70	33.00	-22.30	3.53 H	42	76.35	-65.65
3	1902.50	10.50	33.00	-22.50	3.51 H	41	76.01	-65.51
Antenna Polarity & Test Distance: Vertical at 3 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	17.20	33.00	-15.80	1.35 V	301	83.00	-65.80
2	1880.00	17.80	33.00	-15.20	1.31 V	311	83.45	-65.65
3	1902.50	17.20	33.00	-15.80	1.38 V	300	82.71	-65.51

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 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	10.80	33.00	-22.20	3.55 H	39	76.58	-65.78
2	1880.00	10.70	33.00	-22.30	3.60 H	38	76.35	-65.65
3	1900.00	10.70	33.00	-22.30	3.55 H	40	76.22	-65.52
Antenna Polarity & Test Distance: Vertical at 3 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	17.40	33.00	-15.60	1.33 V	299	83.18	-65.78
2	1880.00	17.30	33.00	-15.70	1.37 V	301	82.95	-65.65
3	1900.00	17.50	33.00	-15.50	1.33 V	304	83.02	-65.52

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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: 256QAM

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	9.20	33.00	-23.80	3.59 H	42	75.04	-65.84
2	1880.00	8.80	33.00	-24.20	3.53 H	38	74.45	-65.65
3	1909.30	9.30	33.00	-23.70	3.60 H	40	74.78	-65.48
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1850.70	15.80	33.00	-17.20	1.32 V	301	81.64	-65.84
2	1880.00	16.20	33.00	-16.80	1.34 V	297	81.85	-65.65
3	1909.30	15.50	33.00	-17.50	1.37 V	301	80.98	-65.48

Remarks:

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

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	9.10	33.00	-23.90	3.50 H	43	74.93	-65.83
2	1880.00	8.90	33.00	-24.10	3.50 H	39	74.55	-65.65
3	1908.50	9.40	33.00	-23.60	3.55 H	44	74.88	-65.48
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1851.50	15.60	33.00	-17.40	1.29 V	302	81.43	-65.83
2	1880.00	16.20	33.00	-16.80	1.38 V	303	81.85	-65.65
3	1908.50	15.50	33.00	-17.50	1.36 V	297	80.98	-65.48

Remarks:

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

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	9.10	33.00	-23.90	3.60 H	39	74.93	-65.83
2	1880.00	8.50	33.00	-24.50	3.52 H	37	74.15	-65.65
3	1907.50	9.20	33.00	-23.80	3.50 H	38	74.69	-65.49
Antenna Polarity & Test Distance: Vertical at 3 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	15.30	33.00	-17.70	1.29 V	301	81.13	-65.83
2	1880.00	15.60	33.00	-17.40	1.35 V	303	81.25	-65.65
3	1907.50	16.00	33.00	-17.00	1.34 V	298	81.49	-65.49

Remarks:

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

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	9.20	33.00	-23.80	3.54 H	38	75.01	-65.81
2	1880.00	8.70	33.00	-24.30	3.54 H	39	74.35	-65.65
3	1905.00	8.60	33.00	-24.40	3.59 H	44	74.09	-65.49
Antenna Polarity & Test Distance: Vertical at 3 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	15.90	33.00	-17.10	1.34 V	297	81.71	-65.81
2	1880.00	16.10	33.00	-16.90	1.38 V	299	81.75	-65.65
3	1905.00	15.60	33.00	-17.40	1.31 V	301	81.09	-65.49

Remarks:

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

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	8.90	33.00	-24.10	3.57 H	38	74.70	-65.80
2	1880.00	9.10	33.00	-23.90	3.59 H	43	74.75	-65.65
3	1902.50	8.90	33.00	-24.10	3.56 H	40	74.41	-65.51
Antenna Polarity & Test Distance: Vertical at 3 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	15.70	33.00	-17.30	1.28 V	301	81.50	-65.80
2	1880.00	16.40	33.00	-16.60	1.34 V	304	82.05	-65.65
3	1902.50	15.60	33.00	-17.40	1.31 V	303	81.11	-65.51

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 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	9.40	33.00	-23.60	3.58 H	40	75.18	-65.78
2	1880.00	9.20	33.00	-23.80	3.60 H	38	74.85	-65.65
3	1900.00	9.10	33.00	-23.90	3.52 H	40	74.62	-65.52
Antenna Polarity & Test Distance: Vertical at 3 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	16.00	33.00	-17.00	1.33 V	303	81.78	-65.78
2	1880.00	15.90	33.00	-17.10	1.38 V	301	81.55	-65.65
3	1900.00	15.80	33.00	-17.20	1.30 V	297	81.32	-65.52

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction 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 66, Channel Bandwidth 1.4MHz

Mode	TX channel 131979, 132322, 132665							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1710.70	18.90	30.00	-11.10	1.49 H	27	85.28	-66.38
2	1745.00	18.70	30.00	-11.30	1.46 H	31	84.98	-66.28
3	1779.30	18.50	30.00	-11.50	1.39 H	27	84.67	-66.17
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1710.70	20.40	30.00	-9.60	3.49 V	303	86.78	-66.38
2	1745.00	20.41	30.00	-9.59	3.48 V	298	86.69	-66.28
3	1779.30	20.42	30.00	-9.58	3.46 V	301	86.59	-66.17

Remarks:

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

LTE Band 66, Channel Bandwidth 3MHz

Mode	TX channel 131987, 132322, 132657							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1711.50	18.70	30.00	-11.30	1.43 H	25	85.08	-66.38
2	1745.00	18.70	30.00	-11.30	1.43 H	34	84.98	-66.28
3	1778.50	18.90	30.00	-11.10	1.41 H	33	85.07	-66.17
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1711.50	20.48	30.00	-9.52	3.45 V	300	86.86	-66.38
2	1745.00	20.47	30.00	-9.53	3.45 V	303	86.75	-66.28
3	1778.50	20.49	30.00	-9.51	3.48 V	302	86.66	-66.17

Remarks:

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

LTE Band 66, Channel Bandwidth 5MHz

Mode	TX channel 131997, 132322, 132647							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1712.50	18.80	30.00	-11.20	1.48 H	33	85.18	-66.38
2	1745.00	18.90	30.00	-11.10	1.40 H	30	85.18	-66.28
3	1777.50	18.60	30.00	-11.40	1.44 H	31	84.77	-66.17
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1712.50	20.40	30.00	-9.60	3.49 V	304	86.78	-66.38
2	1745.00	20.50	30.00	-9.50	3.55 V	299	86.78	-66.28
3	1777.50	20.49	30.00	-9.51	3.47 V	299	86.66	-66.17

Remarks:

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

LTE Band 66, Channel Bandwidth 10MHz

Mode	TX channel 132022, 132322, 132622							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1715.00	18.90	30.00	-11.10	1.49 H	34	85.26	-66.36
2	1745.00	18.90	30.00	-11.10	1.47 H	30	85.18	-66.28
3	1775.00	18.70	30.00	-11.30	1.42 H	31	84.89	-66.19
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1715.00	20.42	30.00	-9.58	3.52 V	302	86.78	-66.36
2	1745.00	20.50	30.00	-9.50	3.46 V	303	86.78	-66.28
3	1775.00	20.41	30.00	-9.59	3.50 V	301	86.60	-66.19

Remarks:

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

LTE Band 66, Channel Bandwidth 15MHz

Mode	TX channel 132047, 132322, 132597							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1717.50	18.60	30.00	-11.40	1.45 H	27	84.96	-66.36
2	1745.00	18.90	30.00	-11.10	1.43 H	27	85.18	-66.28
3	1772.50	18.50	30.00	-11.50	1.47 H	28	84.70	-66.20
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1717.50	20.47	30.00	-9.53	3.49 V	300	86.83	-66.36
2	1745.00	20.41	30.00	-9.59	3.52 V	299	86.69	-66.28
3	1772.50	20.50	30.00	-9.50	3.45 V	298	86.70	-66.20

Remarks:

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

LTE Band 66, Channel Bandwidth 20MHz

Mode	TX channel 132072, 132322, 132572							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1720.00	18.60	30.00	-11.40	1.50 H	35	84.95	-66.35
2	1745.00	18.80	30.00	-11.20	1.49 H	30	85.08	-66.28
3	1770.00	18.40	30.00	-11.60	1.43 H	31	84.60	-66.20
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1720.00	20.60	30.00	-9.40	3.54 V	302	86.95	-66.35
2	1745.00	20.50	30.00	-9.50	3.45 V	303	86.78	-66.28
3	1770.00	20.51	30.00	-9.49	3.50 V	300	86.71	-66.20

Remarks:

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

Modulation Type: 16QAM

LTE Band 66, Channel Bandwidth 1.4MHz

Mode	TX channel 131979, 132322, 132665							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1710.70	17.90	30.00	-12.10	1.46 H	31	84.28	-66.38
2	1745.00	17.80	30.00	-12.20	1.45 H	34	84.08	-66.28
3	1779.30	17.30	30.00	-12.70	1.49 H	31	83.47	-66.17
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1710.70	19.20	30.00	-10.80	3.45 V	297	85.58	-66.38
2	1745.00	19.20	30.00	-10.80	3.45 V	302	85.48	-66.28
3	1779.30	19.30	30.00	-10.70	3.47 V	300	85.47	-66.17

Remarks:

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

LTE Band 66, Channel Bandwidth 3MHz

Mode	TX channel 131987, 132322, 132657							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1711.50	17.60	30.00	-12.40	1.43 H	32	83.98	-66.38
2	1745.00	17.60	30.00	-12.40	1.43 H	32	83.88	-66.28
3	1778.50	17.90	30.00	-12.10	1.39 H	27	84.07	-66.17
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1711.50	18.80	30.00	-11.20	3.46 V	301	85.18	-66.38
2	1745.00	18.70	30.00	-11.30	3.52 V	297	84.98	-66.28
3	1778.50	18.70	30.00	-11.30	3.48 V	300	84.87	-66.17

Remarks:

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

LTE Band 66, Channel Bandwidth 5MHz

Mode	TX channel 131997, 132322, 132647							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1712.50	17.70	30.00	-12.30	1.42 H	27	84.08	-66.38
2	1745.00	17.70	30.00	-12.30	1.49 H	28	83.98	-66.28
3	1777.50	17.80	30.00	-12.20	1.45 H	28	83.97	-66.17
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1712.50	19.20	30.00	-10.80	3.49 V	303	85.58	-66.38
2	1745.00	18.90	30.00	-11.10	3.48 V	302	85.18	-66.28
3	1777.50	19.00	30.00	-11.00	3.47 V	303	85.17	-66.17

Remarks:

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

LTE Band 66, Channel Bandwidth 10MHz

Mode	TX channel 132022, 132322, 132622							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1715.00	17.70	30.00	-12.30	1.45 H	27	84.06	-66.36
2	1745.00	17.90	30.00	-12.10	1.41 H	35	84.18	-66.28
3	1775.00	17.90	30.00	-12.10	1.42 H	33	84.09	-66.19
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1715.00	19.30	30.00	-10.70	3.51 V	298	85.66	-66.36
2	1745.00	18.90	30.00	-11.10	3.49 V	297	85.18	-66.28
3	1775.00	19.00	30.00	-11.00	3.54 V	303	85.19	-66.19

Remarks:

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

LTE Band 66, Channel Bandwidth 15MHz

Mode	TX channel 132047, 132322, 132597							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1717.50	17.50	30.00	-12.50	1.47 H	28	83.86	-66.36
2	1745.00	17.80	30.00	-12.20	1.40 H	27	84.08	-66.28
3	1772.50	17.30	30.00	-12.70	1.40 H	29	83.50	-66.20
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1717.50	18.70	30.00	-11.30	3.52 V	302	85.06	-66.36
2	1745.00	19.30	30.00	-10.70	3.49 V	299	85.58	-66.28
3	1772.50	18.80	30.00	-11.20	3.50 V	302	85.00	-66.20

Remarks:

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

LTE Band 66, Channel Bandwidth 20MHz

Mode	TX channel 132072, 132322, 132572							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1720.00	17.50	30.00	-12.50	1.47 H	29	83.85	-66.35
2	1745.00	17.60	30.00	-12.40	1.47 H	34	83.88	-66.28
3	1770.00	17.40	30.00	-12.60	1.46 H	29	83.60	-66.20
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1720.00	19.20	30.00	-10.80	3.45 V	298	85.55	-66.35
2	1745.00	19.00	30.00	-11.00	3.46 V	304	85.28	-66.28
3	1770.00	19.10	30.00	-10.90	3.49 V	300	85.30	-66.20

Remarks:

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

Modulation Type: 64QAM

LTE Band 66, Channel Bandwidth 1.4MHz

Mode	TX channel 131979, 132322, 132665							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1710.70	17.30	30.00	-12.70	1.49 H	34	83.68	-66.38
2	1745.00	17.20	30.00	-12.80	1.44 H	29	83.48	-66.28
3	1779.30	16.80	30.00	-13.20	1.44 H	30	82.97	-66.17
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1710.70	18.80	30.00	-11.20	3.54 V	301	85.18	-66.38
2	1745.00	18.90	30.00	-11.10	3.45 V	298	85.18	-66.28
3	1779.30	18.70	30.00	-11.30	3.55 V	301	84.87	-66.17

Remarks:

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

LTE Band 66, Channel Bandwidth 3MHz

Mode	TX channel 131987, 132322, 132657							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1711.50	17.00	30.00	-13.00	1.47 H	31	83.38	-66.38
2	1745.00	17.20	30.00	-12.80	1.49 H	29	83.48	-66.28
3	1778.50	17.30	30.00	-12.70	1.48 H	33	83.47	-66.17
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1711.50	18.20	30.00	-11.80	3.49 V	299	84.58	-66.38
2	1745.00	18.20	30.00	-11.80	3.47 V	301	84.48	-66.28
3	1778.50	18.30	30.00	-11.70	3.45 V	301	84.47	-66.17

Remarks:

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

LTE Band 66, Channel Bandwidth 5MHz

Mode	TX channel 131997, 132322, 132647							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1712.50	17.20	30.00	-12.80	1.49 H	32	83.58	-66.38
2	1745.00	17.30	30.00	-12.70	1.48 H	30	83.58	-66.28
3	1777.50	17.50	30.00	-12.50	1.45 H	29	83.67	-66.17
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1712.50	18.70	30.00	-11.30	3.48 V	300	85.08	-66.38
2	1745.00	18.50	30.00	-11.50	3.53 V	299	84.78	-66.28
3	1777.50	18.60	30.00	-11.40	3.47 V	301	84.77	-66.17

Remarks:

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

LTE Band 66, Channel Bandwidth 10MHz

Mode	TX channel 132022, 132322, 132622							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1715.00	17.30	30.00	-12.70	1.44 H	27	83.66	-66.36
2	1745.00	17.50	30.00	-12.50	1.46 H	30	83.78	-66.28
3	1775.00	17.40	30.00	-12.60	1.48 H	33	83.59	-66.19
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1715.00	18.80	30.00	-11.20	3.49 V	301	85.16	-66.36
2	1745.00	18.50	30.00	-11.50	3.50 V	295	84.78	-66.28
3	1775.00	18.50	30.00	-11.50	3.50 V	301	84.69	-66.19

Remarks:

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

LTE Band 66, Channel Bandwidth 15MHz

Mode	TX channel 132047, 132322, 132597							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1717.50	16.90	30.00	-13.10	1.40 H	33	83.26	-66.36
2	1745.00	17.30	30.00	-12.70	1.40 H	28	83.58	-66.28
3	1772.50	16.90	30.00	-13.10	1.42 H	34	83.10	-66.20
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1717.50	18.30	30.00	-11.70	3.48 V	298	84.66	-66.36
2	1745.00	18.90	30.00	-11.10	3.46 V	304	85.18	-66.28
3	1772.50	18.30	30.00	-11.70	3.49 V	300	84.50	-66.20

Remarks:

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

LTE Band 66, Channel Bandwidth 20MHz

Mode	TX channel 132072, 132322, 132572							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1720.00	16.90	30.00	-13.10	1.48 H	34	83.25	-66.35
2	1745.00	17.10	30.00	-12.90	1.39 H	28	83.38	-66.28
3	1770.00	16.90	30.00	-13.10	1.50 H	29	83.10	-66.20
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1720.00	18.60	30.00	-11.40	3.47 V	302	84.95	-66.35
2	1745.00	18.40	30.00	-11.60	3.55 V	302	84.68	-66.28
3	1770.00	18.50	30.00	-11.50	3.55 V	300	84.70	-66.20

Remarks:

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

Modulation Type: 256QAM

LTE Band 66, Channel Bandwidth 1.4MHz

Mode	TX channel 131979, 132322, 132665							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1710.70	15.90	30.00	-14.10	1.46 H	27	82.28	-66.38
2	1745.00	15.80	30.00	-14.20	1.46 H	32	82.08	-66.28
3	1779.30	15.40	30.00	-14.60	1.48 H	25	81.57	-66.17
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1710.70	17.30	30.00	-12.70	3.54 V	301	83.68	-66.38
2	1745.00	17.30	30.00	-12.70	3.46 V	303	83.58	-66.28
3	1779.30	17.20	30.00	-12.80	3.54 V	303	83.37	-66.17

Remarks:

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

LTE Band 66, Channel Bandwidth 3MHz

Mode	TX channel 131987, 132322, 132657							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1711.50	15.40	30.00	-14.60	1.43 H	27	81.78	-66.38
2	1745.00	15.80	30.00	-14.20	1.47 H	29	82.08	-66.28
3	1778.50	15.70	30.00	-14.30	1.43 H	33	81.87	-66.17
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1711.50	16.80	30.00	-13.20	3.52 V	304	83.18	-66.38
2	1745.00	16.80	30.00	-13.20	3.48 V	297	83.08	-66.28
3	1778.50	16.90	30.00	-13.10	3.53 V	303	83.07	-66.17

Remarks:

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

LTE Band 66, Channel Bandwidth 5MHz

Mode	TX channel 131997, 132322, 132647							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1712.50	15.70	30.00	-14.30	1.42 H	30	82.08	-66.38
2	1745.00	15.80	30.00	-14.20	1.42 H	27	82.08	-66.28
3	1777.50	15.90	30.00	-14.10	1.42 H	30	82.07	-66.17
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1712.50	17.10	30.00	-12.90	3.52 V	300	83.48	-66.38
2	1745.00	16.80	30.00	-13.20	3.49 V	302	83.08	-66.28
3	1777.50	17.10	30.00	-12.90	3.55 V	299	83.27	-66.17

Remarks:

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

LTE Band 66, Channel Bandwidth 10MHz

Mode	TX channel 132022, 132322, 132622							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1715.00	15.70	30.00	-14.30	1.46 H	27	82.06	-66.36
2	1745.00	15.80	30.00	-14.20	1.40 H	30	82.08	-66.28
3	1775.00	15.90	30.00	-14.10	1.40 H	30	82.09	-66.19
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1715.00	17.20	30.00	-12.80	3.55 V	297	83.56	-66.36
2	1745.00	17.10	30.00	-12.90	3.47 V	297	83.38	-66.28
3	1775.00	17.00	30.00	-13.00	3.48 V	306	83.19	-66.19

Remarks:

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

LTE Band 66, Channel Bandwidth 15MHz

Mode	TX channel 132047, 132322, 132597							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1717.50	15.40	30.00	-14.60	1.49 H	33	81.76	-66.36
2	1745.00	15.70	30.00	-14.30	1.44 H	31	81.98	-66.28
3	1772.50	15.30	30.00	-14.70	1.40 H	30	81.50	-66.20
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1717.50	16.80	30.00	-13.20	3.47 V	300	83.16	-66.36
2	1745.00	17.40	30.00	-12.60	3.54 V	300	83.68	-66.28
3	1772.50	16.90	30.00	-13.10	3.47 V	301	83.10	-66.20

Remarks:

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

LTE Band 66, Channel Bandwidth 20MHz

Mode	TX channel 132072, 132322, 132572							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1720.00	15.50	30.00	-14.50	1.47 H	30	81.85	-66.35
2	1745.00	15.60	30.00	-14.40	1.45 H	31	81.88	-66.28
3	1770.00	15.10	30.00	-14.90	1.42 H	33	81.30	-66.20
Antenna Polarity & Test Distance: Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1720.00	17.10	30.00	-12.90	3.50 V	299	83.45	-66.35
2	1745.00	16.80	30.00	-13.20	3.49 V	298	83.08	-66.28
3	1770.00	17.00	30.00	-13.00	3.52 V	302	83.20	-66.20

Remarks:

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

4.2 Modulation Characteristics Measurement

4.2.1 Limits of Modulation Characteristics

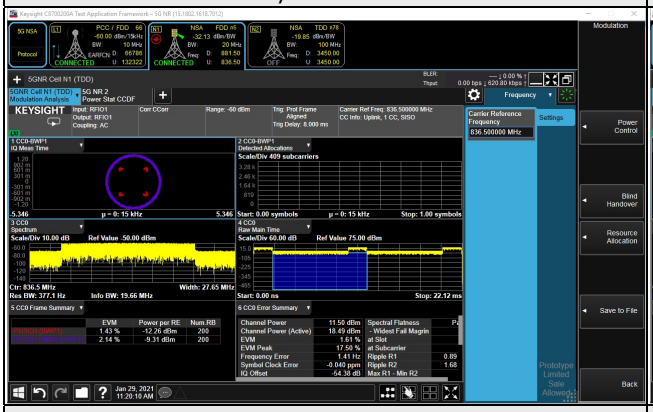
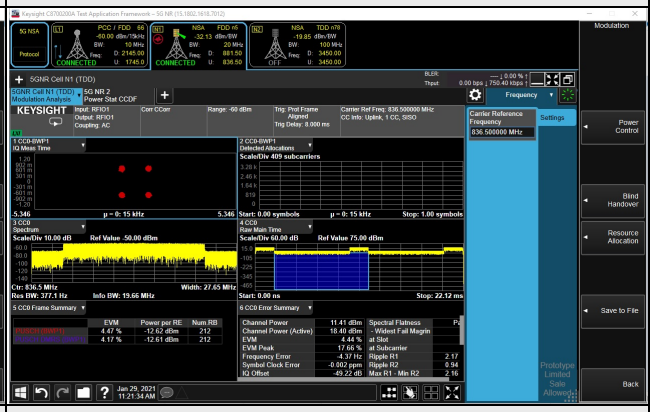
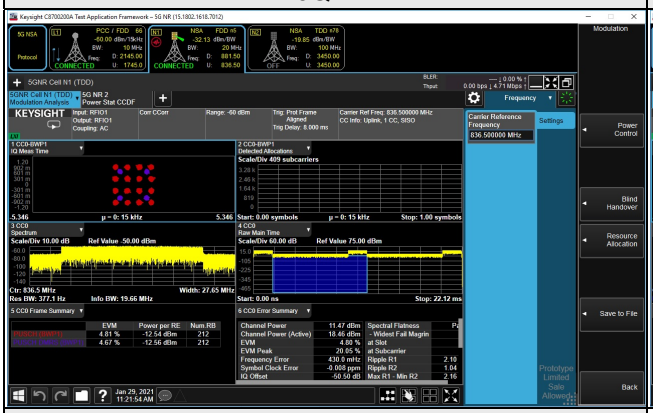
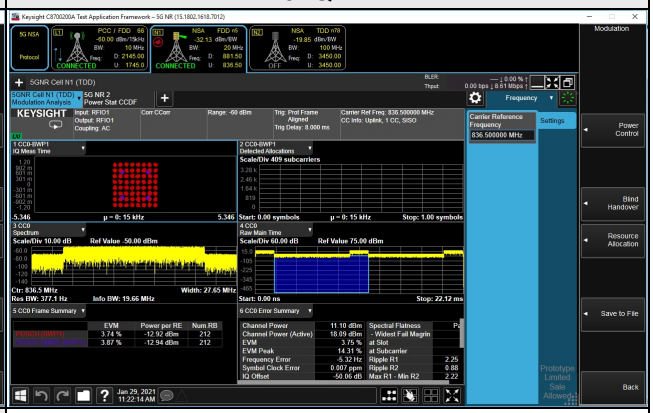
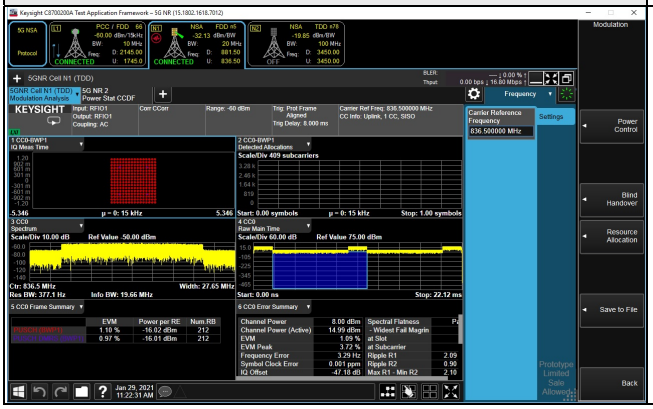
N/A

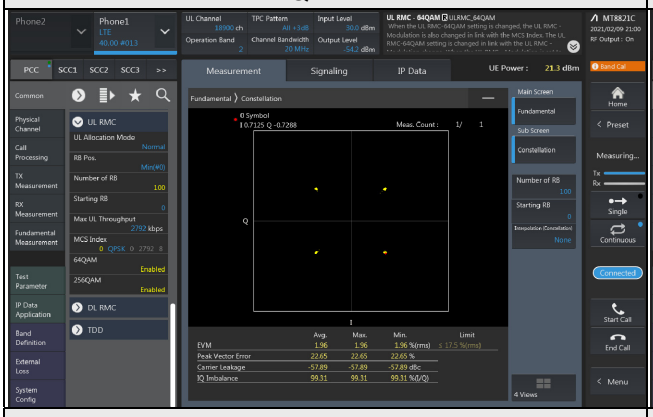
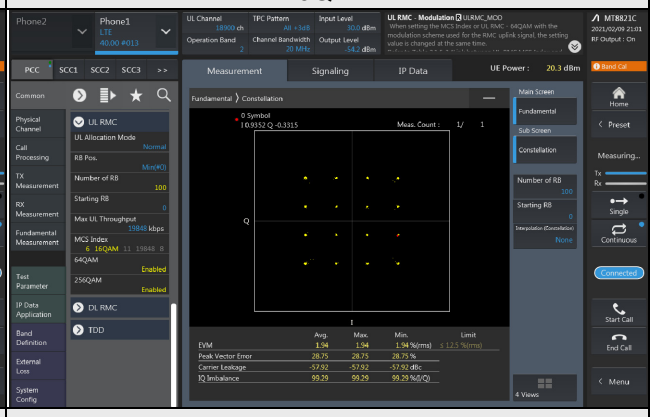
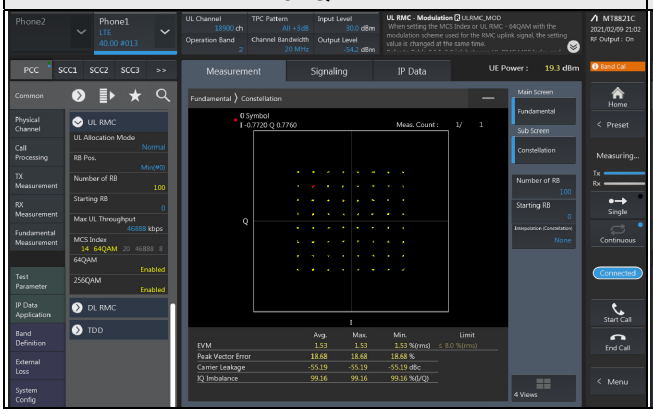
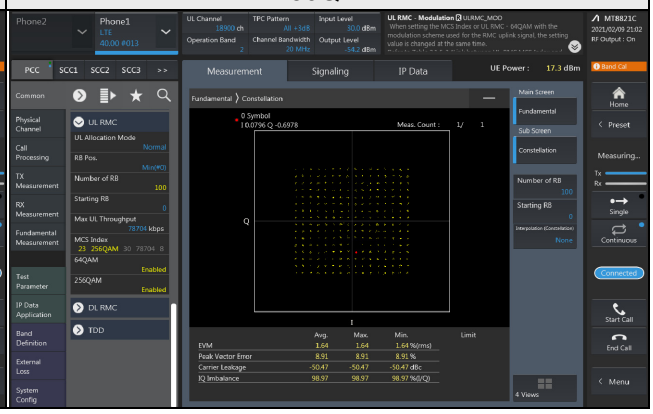
4.2.2 Test Procedure

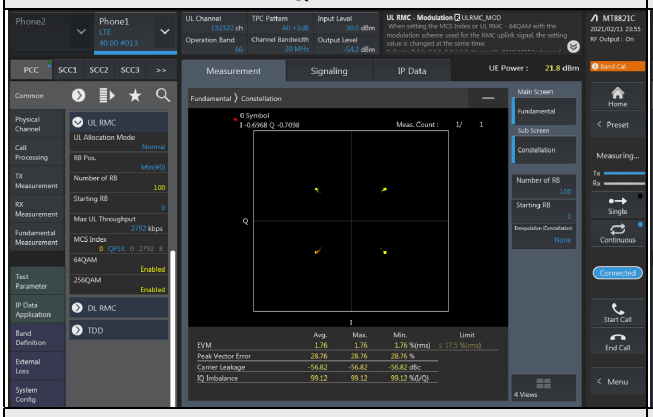
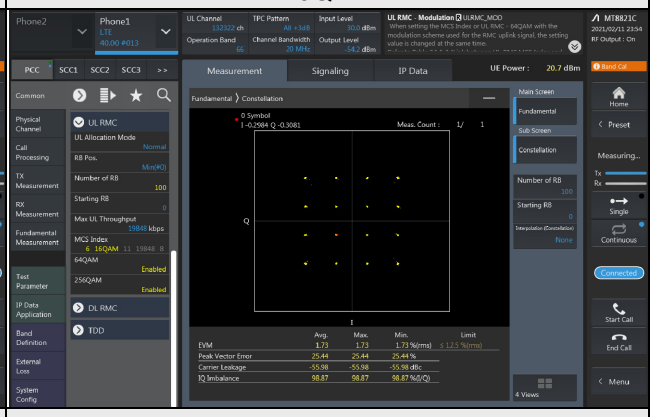
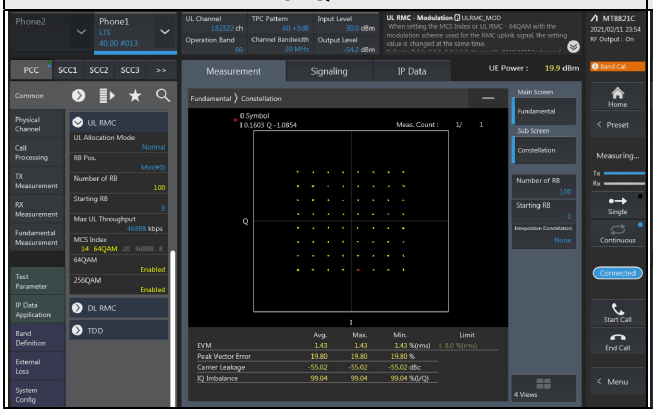
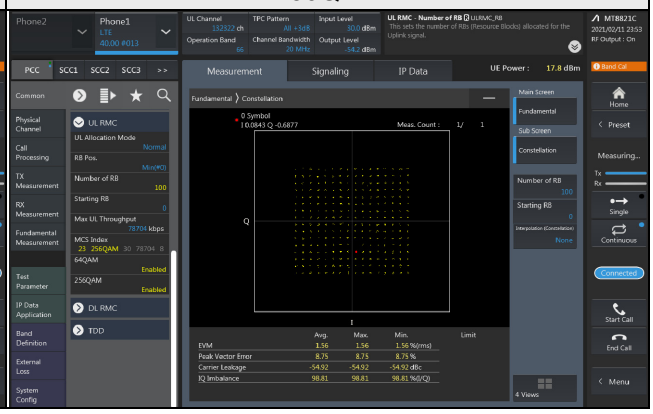
Connect the EUT to Communication Simulator via the antenna connector, The frequency band is set as EUT supported Modulation and Channels, the EUT output is matched with 50 ohm load, the waveform quality and constellation of the EUT was tested.

4.2.3 Test Setup

4.2.4 Test Results

n5	
Spectrum Plot of Measurement Value	
Channel: 167300 / Frequency (MHz): 836.5MHz	
$\pi/2$ BPSK	QPSK
	
16QAM	64QAM
	
256QAM	
	

LTE Band 2	
Spectrum Plot of Measurement Value	
Channel: 18900 / Frequency (MHz): 1880.0MHz	
QPSK	16QAM
	
64QAM	256QAM
	

LTE Band 66	
Spectrum Plot of Measurement Value	
Channel: 132322 / Frequency (MHz): 1745.0 MHz	
QPSK	16QAM
	
64QAM	256QAM