FCC Test Report (PART 27)

Report No.:	RFBCKS-WTW-P21010667-2
FCC ID:	2AAAS-CC06
Test Model:	EG91-NAX
Received Date:	Jan. 27, 2021
Test Date:	Feb. 04 to 05, 2021
Issued Date:	Feb. 20, 2021
Applicant:	Vivint, Inc.
Address:	4931 N. 300 W. Provo, UT 84604 USA
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Hsin Chu Laboratory
Lab Address:	E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan
Test Location:	E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan
FCC Registration / Designation Number:	723255 / TW2022

Testing Laboratory
2022

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Release Control Record

Issue No.	Description	Date Issued
RFBCKS-WTW-P21010667-2	Original release.	Feb. 20, 2021

1 Certificate of Conformity

Product: LTE Module

Brand: Vivint, Inc.

Test Model: EG91-NAX

Sample Status: Engineering sample

Applicant: Vivint, Inc.

Test Date: Feb. 04 to 05, 2021

Standards: FCC Part 27, Subpart H / L / F
FCC Part 2

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 EMC characteristics under the conditions specified in this report.

Prepared by : Vivian Huang , **Date:** Feb. 20, 2021

Vivian Huang / Specialist

Approved by : , **Date:** Feb. 20, 2021

Clark Lin / Technical Manager

2 Summary of Test Results

Applied Standard: FCC Part 27 & Part 2			
FCC Clause	Test Item	Result	Remarks
2.1046 27.50	Radiated Power	PASS	Meet the requirement of limit.
2.1047	Modulation characteristics	N/A	Refer to Note 2 below
2.1055 27.54	Frequency Stability Stay with the authorized bands of operation	N/A	Refer to Note 2 below
2.1049 27.53	Occupied Bandwidth	N/A	Refer to Note 2 below
27.53	Band Edge Measurements	N/A	Refer to Note 2 below
---	Peak To Average Ratio	N/A	Refer to Note 2 below
2.1051 27.53	Conducted Spurious Emissions	N/A	Refer to Note 2 below
2.1053 27.53	Radiated Spurious Emissions	PASS	Meet the requirement of limit. Minimum passing margin is -23.13dB at 1564MHz.

Note:
1. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.
2. Radiated Power and Radiated Spurious Emissions were performed for this addendum. The others testing data refer to original test report.
3. This report is prepared for supplementary report.

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	3.1 dB
	30MHz ~ 1GHz	5.4 dB
Radiated Emissions above 1 GHz	1GHz ~ 18GHz	5.0 dB
	18GHz ~ 40GHz	5.3 dB

2.2 Test Site and Instruments

For radiated spurious emissions test:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver Keysight	N9038A	MY54450088	July 06, 2020	July 05, 2021
Pre-Amplifier EMCI	EMC001340	980142	May 25, 2020	May 24, 2021
Loop Antenna Electro-Metrics	EM-6879	264	Feb. 18, 2020	Feb. 17, 2021
RF Cable	5D-FB	LOOPCAB-001	Jan. 07, 2021	Jan. 06, 2022
RF Cable	5D-FB	LOOPCAB-002	Jan. 07, 2021	Jan. 06, 2022
Pre-Amplifier Mini-Circuits	ZFL-1000VH2	QA0838008	Oct. 20, 2020	Oct. 19, 2021
Trilog Broadband Antenna SCHWARZBECK	VULB 9168	9168-361	Nov. 05, 2020	Nov. 04, 2021
RF Cable	8D	966-3-1	Mar. 17, 2020	Mar. 16, 2021
RF Cable	8D	966-3-2	Mar. 17, 2020	Mar. 16, 2021
RF Cable	8D	966-3-3	Mar. 17, 2020	Mar. 16, 2021
Fixed attenuator Mini-Circuits	UNAT-5+	PAD-3m-3-01	Sep. 24, 2020	Sep. 23, 2021
Horn_Antenna SCHWARZBECK	BBHA9120-D	9120D-406	Nov. 22, 2020	Nov. 21, 2021
Pre-Amplifier EMCI	EMC12630SE	980384	Jan. 11, 2021	Jan. 10, 2022
RF Cable	EMC104-SM-SM-1500	180504	Apr. 29, 2020	Apr. 28, 2021
RF Cable	EMC104-SM-SM-2000	180601	June 09, 2020	June 08, 2021
RF Cable	EMC104-SM-SM-6000	180602	June 09, 2020	June 08, 2021
Spectrum Analyzer Keysight	N9030A	MY54490679	July 13, 2020	July 12, 2021
Pre-Amplifier EMCI	EMC184045SE	980387	Jan. 11, 2021	Jan. 10, 2022
Horn_Antenna SCHWARZBECK	BBHA 9170	BBHA9170519	Nov. 22, 2020	Nov. 21, 2021
RF Cable	EMC102-KM-KM-1200	160924	Jan. 11, 2021	Jan. 10, 2022
RF Cable	EMC-KM-KM-4000	200214	Mar. 11, 2020	Mar. 10, 2021
Software	ADT_Radiated_V8.7.08	NA	NA	NA
Antenna Tower & Turn Table Max-Full	MF-7802	MF780208406	NA	NA
Boresight Antenna Fixture	FBA-01	FBA-SIP01	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 966 Chamber No. 3.
3. Tested Date: Feb. 04, 2021

For othet test items:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Spectrum Analyzer R&S	FSV40	100964	May 29, 2020	May 28, 2021
Spectrum Analyzer Keysight	N9030A	MY54490679	July 13, 2020	July 12, 2021
Power meter Anritsu	ML2495A	1529002	July 22, 2020	July 21, 2021
Power sensor Anritsu	MA2411B	1339443	July 22, 2020	July 21, 2021
Fixed Attenuator Mini-Circuits	MDCS18N-10	MDCS18N-10-01	Apr. 14, 2020	Apr. 13, 2021
AC Power Source Extech Electronics	6905S	1991551	NA	NA
DC Power Supply Topward	6603D	795558	NA	NA
Temperature & Humidity Chamber Giant Force	GTH-150-40-SP-AR	MAA0812-008	Jan. 14, 2021	Jan. 13, 2022
True RMS Clamp Meter FLUKE	325	31130711WS	June 06, 2020	June 05, 2021
Mech Switch Absorptive Mini-Circuits	MSP4TA-18+	0140	Feb. 10, 2020	Feb. 09, 2021
FXD ATTEN Mini-Circuits	BW-S3W2+	MN71981	Feb. 10, 2020	Feb. 09, 2021
Software	ADT_RF Test Software V6.6.5.4	NA	NA	NA

Note: 1. The test was performed in Oven room 2.
2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
3. Tested Date: Feb. 05, 2021

3 General Information

3.1 General Description of EUT

Product	LTE Module	
Brand	Vivint, Inc.	
Test Model	EG91-NAX	
Status of EUT	Engineering sample	
Power Supply Rating	DC 3.8V from host equipment	
Modulation Type	WCDMA, HSDPA, HSUPA	BPSK
	LTE	QPSK, 16QAM
Operating Frequency	WCDMA, HSDPA, HSUPA	1312 ~ 1513 MHz
	LTE Band 4	1710.7 ~ 1754.3 MHz
	LTE Band 12	699.7 ~ 715.3 MHz
	LTE Band 13	779.5 ~ 784.5 MHz
Max. EIRP Power	WCDMA B4	25.13dBm
	LTE Band 4 (Channel Bandwidth 1.4MHz)	25.75dBm
	LTE Band 4 (Channel Bandwidth 3MHz)	25.64dBm
	LTE Band 4 (Channel Bandwidth 5MHz)	25.68dBm
	LTE Band 4 (Channel Bandwidth 10MHz)	25.81dBm
	LTE Band 4 (Channel Bandwidth 15MHz)	25.64dBm
	LTE Band 4 (Channel Bandwidth 20MHz)	25.72dBm
Max. ERP Power	LTE Band 12 (Channel Bandwidth 1.4MHz)	21.77dBm
	LTE Band 12 (Channel Bandwidth 3MHz)	22.02dBm
	LTE Band 12 (Channel Bandwidth 5MHz)	22.09dBm
	LTE Band 12 (Channel Bandwidth 10MHz)	21.92dBm
	LTE Band 13 (Channel Bandwidth 5MHz)	22.02dBm
	LTE Band 13 (Channel Bandwidth 10MHz)	22.03dBm
Antenna Type	Refer to Note	
Antenna Connector	Refer to Note	
Accessory Device	NA	
Data Cable Supplied	NA	

Note:

1. This report is prepared for FCC class II change. The difference compared with the original application as the following:

- ◆ Antenna change.
- ◆ Adding new host, the testing has been tested with the final host device enclosure (cannot be disassembled). The host device is as following table:

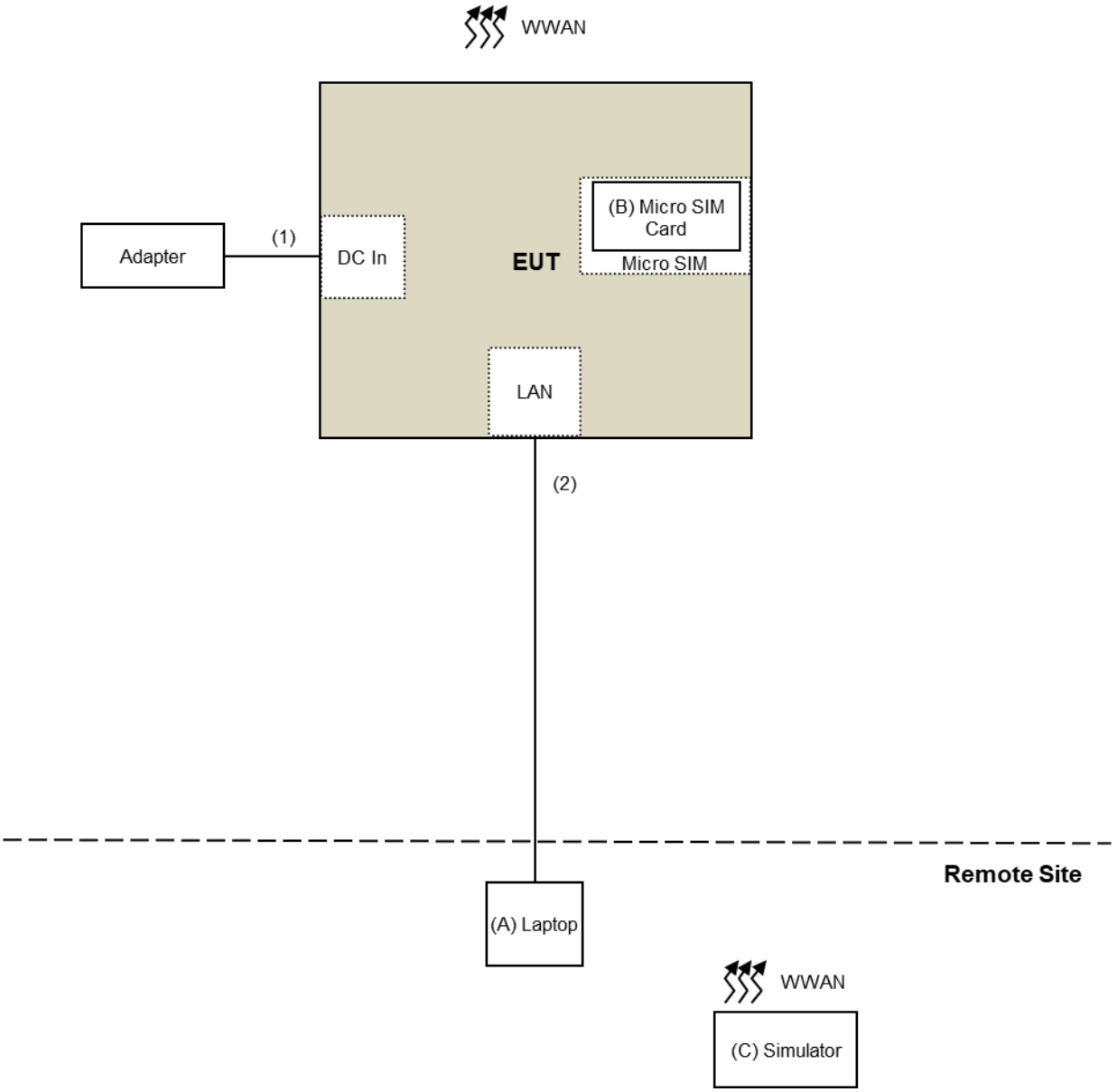
Product Name	Brand	Model
Smart Hub Lite	VIVINT	CP05

2. According to above conditions, therefore only Radiated Emissions Measurement need to be performed, and all data was verified to meet the requirements.
3. The antennas provided to the EUT, please refer to the following table:

For WWAN						
Antenna No.	Band	Model	Freq. Range (MHz)	Antenna Net Gain (dBi)	Antenna Type	Connector Type
1	WNC	48XKAB13	Band 2 (1850-1910 MHz)	1.38	PIFA	none (like spring)
			Band 4 (1710-1755 MHz)	1.57		
			Band 5 (824-849 MHz)	0.26		
			Band 12 (699-716 MHz)	0.14		
			Band 13 (777-787 MHz)	0.57		

4. The above EUT information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or User's Manual.
5. The above Antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

3.2 Configuration of System under Test



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.	Laptop	DELL	E5430	HYV4VY1	FCC DoC	Provided by Lab
B.	Micro SIM Card	R&S	CRT-Z3	NA	NA	Provided by Lab
C.	Simulator	R&S	CMU200	121040	NA	Provided by Lab

ID	Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1.	DC Cable	1	1.5	No	0	Supplied by client
2.	RJ-45 Cable	1	10	No	0	Provided by Lab

3.3 Test Mode Applicability and Tested Channel Detail

WCDMA Band 4

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	MODE
EIRP	1312 to 1513	1312, 1413, 1513	WCDMA
Radiated Emission	1312 to 1513	1312, 1413, 1513	WCDMA

LTE Band 4

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
EIRP	19957 to 20393	19957, 20175, 20393	1.4MHz	QPSK/16QAM	1RB / 0 RB offset
	19965 to 20385	19965, 20175, 20385	3MHz	QPSK/16QAM	1RB / 0 RB offset
	19975 to 20375	19975, 20175, 20375	5MHz	QPSK/16QAM	1RB / 0 RB offset
	20000 to 20350	20000, 20175, 20350	10MHz	QPSK/16QAM	1RB / 0 RB offset
	20025 to 20325	20025, 20175, 20325	15MHz	QPSK/16QAM	1RB / 0 RB offset
	20050 to 20300	20050, 20175, 20300	20MHz	QPSK/16QAM	1RB / 0 RB offset
Radiated Emission	19957 to 20393	19957, 20175, 20393	1.4MHz	QPSK	1 RB / 0 RB Offset
	19965 to 20385	19965, 20175, 20385	3MHz	QPSK	1 RB / 0 RB Offset
	19975 to 20375	19975, 20175, 20375	5MHz	QPSK	1 RB / 0 RB Offset
	20000 to 20350	20000, 20175, 20350	10MHz	QPSK	1 RB / 0 RB Offset
	20025 to 20325	20025, 20175, 20325	15MHz	QPSK	1 RB / 0 RB Offset
	20050 to 20300	20050, 20175, 20300	20MHz	QPSK	1 RB / 0 RB Offset

Test Condition:

Test Item	Environmental Conditions	Input Power (System)	Tested By
EIRP	25deg. C, 60%RH	120Vac, 60Hz	Weiwei Lo
Radiated Emission Below 1GHz	25deg. C, 75%RH	120Vac, 60Hz	Ryan Du
Radiated Emission Above 1GHz	25deg. C, 75%RH	120Vac, 60Hz	Ryan Du

LTE Band 12

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
ERP	23017 to 23173	23017, 23095, 23173	1.4MHz	QPSK/16QAM	1RB / 0 RB offset
	23025 to 23165	23025, 23095, 23165	3MHz	QPSK/16QAM	1RB / 0 RB offset
	23035 to 23155	23035, 23095, 23155	5MHz	QPSK/16QAM	1RB / 0 RB offset
	23060 to 23130	23060, 23095, 23130	10MHz	QPSK/16QAM	1RB / 0 RB offset
Radiated Emission	23017 to 23173	23017, 23095, 23173	1.4MHz	QPSK	1RB / 0 RB offset
	23025 to 23165	23025, 23095, 23165	3MHz	QPSK	1RB / 0 RB offset
	23035 to 23155	23035, 23095, 23155	5MHz	QPSK	1RB / 0 RB offset
	23060 to 23130	23060, 23095, 23130	10MHz	QPSK	1RB / 0 RB offset

LTE Band 13

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
ERP	23205 to 23255	23205, 23230, 23255	5MHz	QPSK	1RB / 0 RB offset
	23230	23230	10MHz	QPSK	1RB / 0 RB offset
Radiated Emission	23205 to 23255	23205, 23230, 23255	5MHz	QPSK	1RB / 0 RB offset
	23230	23230	10MHz	QPSK	1RB / 0 RB offset

NOTE:
All supported modulation types were evaluated.The Worst case of QPSK was selected. Therefore, the Frequency Stability, Band Edge, Condcudeted Emission and Radiated Emission were presented under QPSK mode only.

Test Condition:

Test Item	Environmental Conditions	Input Power (System)	Tested By
ERP	25deg. C, 60%RH	120Vac, 60Hz	Weiwei Lo
Radiated Emission Below 1GHz	25deg. C, 75%RH	120Vac, 60Hz	Ryan Du
Radiated Emission Above 1GHz	25deg. C, 75%RH	120Vac, 60Hz	Ryan Du

3.4 EUT Operating Conditions

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

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

Test Standard:

FCC 47 CFR Part 2

FCC 47 CFR Part 27, Subpart F / H / L

ANSI/TIA/EIA-603-E 2016

ANSI 63.26-2015

All test items have been performed and recorded as per the above standards.

References Test Guidance:

KDB 971168 D01 Power Meas License Digital Systems v03r01

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

4 Test Types and Results

4.1 Output Power Measurement

4.1.1 Limits of Output Power Measurement

For section 27.50(d)(4): Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP.

For section 27.50(b)(10): Portable stations (hand-held devices) operating in the 698-787 MHz band are limited to 3 watts ERP.

4.1.2 Test Procedures

Conducted Power Measurement:

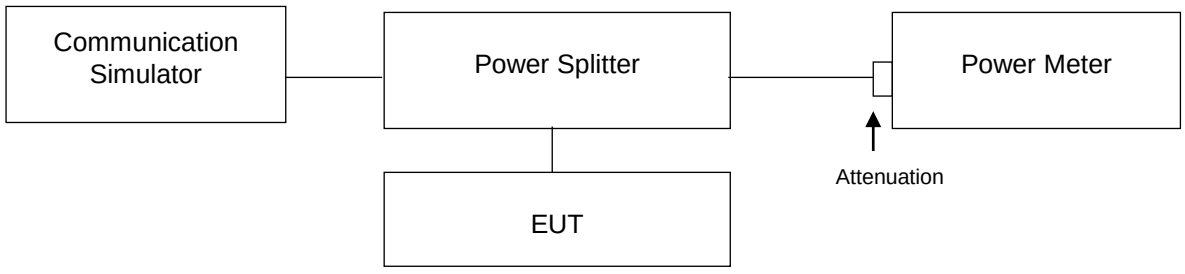
The EUT was set up for the maximum power with LTE link data modulation and link up with simulator. Set the EUT to transmit under low, middle and high channel and difference RB size/ RB offset for difference bandwidth record the power level shown on power meter.

EIRP / ERP Measurement:

a. EIRP = Conducted Output power level + Antenna gain.
b. ERP power can be calculated form EIRP power by subtracting the gain of dipole, ERP power = EIRP power - 2.15dBi.
c. ERP = Conducted Output power level + Antenna gain (dBi) - Isotropically Factor (2.15dB)

4.1.3 Test Setup

Conducted Power Measurement:



4.1.4 Test Results

CONDUCTED OUTPUT POWER (dBm)

WCDMA B4

Band	WCDMA B4		
Channel	1312	1413	1513
Frequency (MHz)	1712.4	1732.6	1752.6
RMC	23.56	23.26	23.44
HSDPA Subtest-1	23.02	23.05	23.02
HSDPA Subtest-2	23.02	23.10	22.92
HSDPA Subtest-3	22.48	22.47	22.48
HSDPA Subtest-4	22.76	22.66	22.73
HSUPA Subtest-1	22.92	22.83	23.23
HSUPA Subtest-2	22.83	22.70	22.80
HSUPA Subtest-3	23.30	23.03	23.23
HSUPA Subtest-4	23.03	23.03	23.21
HSUPA Subtest-5	22.90	22.93	23.08

LTE Band 4

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			19957	20175	20393		19957	20175	20393	
			1710.7	1732.5	1754.3		1710.7	1732.5	1754.3	
			MHz	MHz	MHz		MHz	MHz	MHz	
4 / 1.4M	1	0	23.52	24.00	23.83	0	23.27	22.67	22.70	1
	1	2	23.90	23.95	24.01	0	23.05	23.18	22.63	1
	1	5	23.64	24.18	23.68	0	23.36	22.65	22.57	1
	3	0	23.73	23.83	23.85	0	-	-	-	1
	3	1	23.77	23.64	23.94	0	-	-	-	1
	3	3	23.55	23.51	23.60	0	-	-	-	1
	6	0	22.79	22.93	22.64	1	-	-	-	2

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			19965	20175	20385		19965	20175	20385	
			1711.5	1732.5	1753.5		1711.5	1732.5	1753.5	
			MHz	MHz	MHz		MHz	MHz	MHz	
4 / 3M	1	0	23.98	23.58	24.01	0	22.43	22.36	23.32	1
	1	7	23.74	24.07	24.05	0	22.83	22.77	23.61	1
	1	14	23.68	23.91	23.59	0	22.50	22.88	23.39	1
	8	0	22.55	22.56	22.82	1	-	-	-	2
	8	3	22.67	22.68	22.54	1	-	-	-	2
	8	7	22.22	22.98	22.41	1	-	-	-	2
	15	0	22.41	22.66	22.66	1	-	-	-	2

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			19975	20175	20375		19975	20175	20375	
			1712.5	1732.5	1752.5		1712.5	1732.5	1752.5	
			MHz	MHz	MHz		MHz	MHz	MHz	
4 / 5M	1	0	23.59	23.74	23.76	0	22.63	22.16	23.38	1
	1	12	23.72	24.11	23.89	0	22.44	22.49	23.61	1
	1	24	23.67	23.76	23.72	0	22.23	22.73	23.33	1
	12	0	22.84	22.56	22.67	1	-	-	-	2
	12	6	22.39	22.46	22.61	1	-	-	-	2
	12	13	22.32	22.80	22.56	1	-	-	-	2
	25	0	22.71	23.04	22.70	1	-	-	-	2

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			20000	20175	20350		20000	20175	20350	
			1715	1732.5	1750		1715	1732.5	1750	
			MHz	MHz	MHz		MHz	MHz	MHz	
4 / 10M	1	0	23.66	23.79	23.72	0	22.48	22.19	23.43	1
	1	24	23.57	24.24	23.96	0	22.58	22.73	23.62	1
	1	49	23.52	23.59	23.78	0	22.34	22.87	23.27	1
	25	0	22.66	22.48	22.81	1	-	-	-	2
	25	12	22.64	22.41	22.65	1	-	-	-	2
	25	25	22.22	22.60	22.82	1	-	-	-	2
	50	0	22.46	22.94	22.57	1	-	-	-	2

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			20025	20175	20325		20025	20175	20325	
			1717.5	1732.5	1747.5		1717.5	1732.5	1747.5	
			MHz	MHz	MHz		MHz	MHz	MHz	
4 / 15M	1	0	23.64	23.70	23.64	0	22.34	22.20	23.12	1
	1	37	23.79	24.07	23.94	0	22.82	22.93	23.39	1
	1	74	23.67	23.52	23.27	0	22.33	22.50	23.26	1
	36	0	22.41	22.70	22.97	1	-	-	-	2
	36	19	22.61	22.43	22.42	1	-	-	-	2
	36	39	22.42	22.97	22.75	1	-	-	-	2
	75	0	22.61	22.66	22.74	1	-	-	-	2

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			20050	20175	20300		20050	20175	20300	
			1720	1732.5	1745		1720	1732.5	1745	
			MHz	MHz	MHz		MHz	MHz	MHz	
4 / 20M	1	0	23.83	23.57	23.51	0	22.33	22.54	23.47	1
	1	50	23.73	24.15	23.87	0	22.36	22.55	23.53	1
	1	99	23.66	23.55	23.57	0	22.26	22.80	23.33	1
	50	0	22.47	22.52	22.60	1	-	-	-	2
	50	25	22.34	22.77	22.59	1	-	-	-	2
	50	50	22.54	22.69	22.52	1	-	-	-	2
	100	0	22.57	22.53	22.58	1	-	-	-	2

LTE Band 12

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			23017	23095	23173		23017	23095	23173	
			699.7	707.5	715.3		699.7	707.5	715.3	
			MHz	MHz	MHz		MHz	MHz	MHz	
12 / 1.4M	1	0	23.37	23.78	23.42	0	23.29	22.82	22.36	1
	1	2	23.26	23.57	23.22	0	23.57	22.84	22.21	1
	1	5	23.36	23.68	23.28	0	23.26	22.43	22.28	1
	3	0	23.49	23.68	23.50	0	-	-	-	1
	3	1	23.12	23.41	23.62	0	-	-	-	1
	3	3	23.27	23.39	23.62	0	-	-	-	1
	6	0	22.37	22.44	22.53	1	-	-	-	2

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			23025	23095	23165		23025	23095	23165	
			700.5	707.5	714.5		700.5	707.5	714.5	
			MHz	MHz	MHz		MHz	MHz	MHz	
12 / 3M	1	0	23.68	23.57	23.60	0	22.26	23.10	22.64	1
	1	7	24.03	23.92	23.69	0	22.51	23.43	22.98	1
	1	14	23.37	23.45	23.60	0	22.48	23.30	22.50	1
	8	0	22.65	22.67	22.66	1	-	-	-	2
	8	3	22.54	23.00	22.46	1	-	-	-	2
	8	7	22.70	22.64	22.67	1	-	-	-	2
	15	0	22.35	22.45	22.75	1	-	-	-	2

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			23035	23095	23155		23035	23095	23155	
			701.5	707.5	713.5		701.5	707.5	713.5	
			MHz	MHz	MHz		MHz	MHz	MHz	
12 / 5M	1	0	23.43	23.22	23.29	0	22.19	22.89	22.71	1
	1	12	24.10	23.66	23.61	0	22.44	23.65	23.18	1
	1	24	23.47	23.61	23.56	0	22.51	23.31	22.32	1
	12	0	22.55	22.52	22.49	1	-	-	-	2
	12	6	22.78	22.74	22.62	1	-	-	-	2
	12	13	22.57	22.44	22.77	1	-	-	-	2
	25	0	22.80	22.42	22.59	1	-	-	-	2

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			23060	23095	23130		23060	23095	23130	
			704	707.5	711		704	707.5	711	
			MHz	MHz	MHz		MHz	MHz	MHz	
12 / 10M	1	0	23.66	23.66	23.21	0	22.25	22.97	22.51	1
	1	24	23.93	23.44	23.68	0	22.43	23.47	23.01	1
	1	49	23.40	23.54	23.18	0	22.42	22.95	22.50	1
	25	0	22.73	22.82	22.47	1	-	-	-	2
	25	12	22.53	22.80	22.28	1	-	-	-	2
	25	25	22.75	22.41	22.71	1	-	-	-	2
	50	0	22.56	22.61	22.53	1	-	-	-	2

LTE Band 13

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			23205	23230	23255		23205	23230	23255	
			779.5	782	784.5		779.5	782	784.5	
			MHz	MHz	MHz		MHz	MHz	MHz	
13 / 5M	1	0	23.26	23.13	23.13	0	22.77	22.36	22.36	1
	1	12	23.52	23.41	23.60	0	22.31	22.46	22.32	1
	1	24	23.37	23.55	23.56	0	22.93	22.26	22.23	1
	12	0	22.40	22.66	22.52	1	-	-	-	2
	12	6	22.46	22.29	22.77	1	-	-	-	2
	12	13	22.63	22.66	22.91	1	-	-	-	2
	25	0	22.69	22.31	22.41	1	-	-	-	2

Band / BW	RB Size	RB Offset	QPSK	3GPP MPR (dB)	16QAM	3GPP MPR (dB)
			Mid CH		Mid CH	
			23230		23230	
			782		782	
			MHz		MHz	
13 / 10M	1	0	23.12	0	22.84	1
	1	24	23.61	0	23.06	1
	1	49	23.32	0	22.66	1
	25	0	22.70	1	-	2
	25	12	22.24	1	-	2
	25	25	22.74	1	-	2
	50	0	22.34	1	-	2

EIRP / ERP POWER

WCDMA B4

Band	WCDMA B4		
Channel	1312	1413	1513
Frequency (MHz)	1712.4	1732.6	1752.6
RMC 12.2K	23.56	23.26	23.52
Gain (dBi)	1.57	1.57	1.57
Max EIRP Power (dBm)	25.13	24.83	25.09

LTE Band 4

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			19957	20175	20393		19957	20175	20393	
			1710.7	1732.5	1754.3		1710.7	1732.5	1754.3	
			MHz	MHz	MHz		MHz	MHz	MHz	
4 / 1.4M	1	0	23.9	24.18	24.01	0	23.36	23.18	22.70	1
Gain (dBi)			1.57	1.57	1.57		1.62	1.62	1.62	
Max EIRP Power (dBm)			25.47	25.75	25.58		24.93	24.75	24.27	

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			19965	20175	20385		19965	20175	20385	
			1711.5	1732.5	1753.5		1711.5	1732.5	1753.5	
			MHz	MHz	MHz		MHz	MHz	MHz	
4 / 3M	1	0	23.98	24.07	24.05	0	22.83	22.88	23.61	1
Gain (dBi)			1.57	1.57	1.57		1.57	1.57	1.57	
Max EIRP Power (dBm)			25.55	25.64	25.62		24.40	24.45	25.18	

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			19975	20175	20375		19975	20175	20375	
			1712.5	1732.5	1752.5		1712.5	1732.5	1752.5	
			MHz	MHz	MHz		MHz	MHz	MHz	
4 / 5M	1	0	23.72	24.11	23.89	0	22.63	22.73	23.61	1
Gain (dBi)			1.57	1.57	1.57		1.57	1.57	1.57	
Max EIRP Power (dBm)			25.29	25.68	25.46		24.20	24.30	25.18	

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			20000	20175	20350		20000	20175	20350	
			1715	1732.5	1750		1715	1732.5	1750	
			MHz	MHz	MHz		MHz	MHz	MHz	
4 / 10M	1	0	23.66	24.24	23.96	0	22.58	22.87	23.62	1
Gain (dBi)			1.57	1.57	1.57		1.57	1.57	1.57	
Max EIRP Power (dBm)			25.23	25.81	25.53		24.15	24.44	25.19	

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			20025	20175	20325		20025	20175	20325	
			1717.5	1732.5	1747.5		1717.5	1732.5	1747.5	
			MHz	MHz	MHz		MHz	MHz	MHz	
4 / 15M	1	0	23.79	24.07	23.94		22.82	22.93	23.39	
Gain (dBi)			1.57	1.57	1.57	0	1.57	1.57	1.57	1
Max EIRP Power (dBm)			25.36	25.64	25.51		24.39	24.50	24.96	

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			20050	20175	20300		20050	20175	20300	
			1720	1732.5	1745		1720	1732.5	1745	
			MHz	MHz	MHz		MHz	MHz	MHz	
4 / 20M	1	0	23.83	24.15	23.87		22.36	22.80	23.53	
Gain (dBi)			1.57	1.57	1.57	0	1.57	1.57	1.57	1
Max EIRP Power (dBm)			25.40	25.72	25.44		23.93	24.37	25.10	

LTE Band 12

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			23017	23095	23173		23017	23095	23173	
			699.7	707.5	715.3		699.7	707.5	715.3	
			MHz	MHz	MHz		MHz	MHz	MHz	
12 / 1.4M	1	0	23.49	23.78	23.62	0	23.57	22.84	22.36	1
Gain (dBi)			0.14	0.14	0.14		0.14	0.14	0.14	
Isotropically Factor (dBc)			2.15	2.15	2.15		2.15	2.15	2.15	
Max ERP Power (dBm)			21.48	21.77	21.61		21.56	20.83	20.35	

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			23025	23095	23165		23025	23095	23165	
			700.5	707.5	714.5		700.5	707.5	714.5	
			MHz	MHz	MHz		MHz	MHz	MHz	
12 / 3M	1	0	24.03	23.92	23.69	0	22.51	23.43	22.98	1
Gain (dBi)			0.14	0.14	0.14		0.14	0.14	0.14	
Isotropically Factor (dBc)			2.15	2.15	2.15		2.15	2.15	2.15	
Max ERP Power (dBm)			22.02	21.91	21.68		20.50	21.42	20.97	

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			23035	23095	23155		23035	23095	23155	
			701.5	707.5	713.5		701.5	707.5	713.5	
			MHz	MHz	MHz		MHz	MHz	MHz	
12 / 5M	1	0	24.10	23.66	23.61	0	22.51	23.65	23.18	1
Gain (dBi)			0.14	0.14	0.14		0.14	0.14	0.14	
Isotropically Factor (dBc)			2.15	2.15	2.15		2.15	2.15	2.15	
Max ERP Power (dBm)			22.09	21.65	21.60		20.50	21.64	21.17	

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			23060	23095	23130		23060	23095	23130	
			704	707.5	711		704	707.5	711	
			MHz	MHz	MHz		MHz	MHz	MHz	
12 / 10M	1	0	23.93	23.66	23.68	0	22.43	23.47	23.01	1
Gain (dBi)			0.14	0.14	0.14		0.14	0.14	0.14	
Isotropically Factor (dBc)			2.15	2.15	2.15		2.15	2.15	2.15	
Max ERP Power (dBm)			21.92	21.65	21.67		20.42	21.46	21.00	

LTE Band 13

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			23205	23230	23255		23205	23230	23255	
			779.5	782	784.5		779.5	782	784.5	
			MHz	MHz	MHz		MHz	MHz	MHz	
13 / 5M	1	0	23.52	23.55	23.60	0	22.93	22.46	22.36	1
Gain (dBi)			0.57	0.57	0.57		0.57	0.57	0.57	
Isotropically Factor (dBc)			2.15	2.15	2.15		2.15	2.15	2.15	
Max ERP Power (dBm)			21.94	21.97	22.02		21.35	20.88	20.78	

Band / BW	RB Size	RB Offset	QPSK	3GPP MPR (dB)	16QAM	3GPP MPR (dB)
			Mid CH		Mid CH	
			23230		23230	
			782		782	
			MHz		MHz	
13 / 10M	1	0	23.61	0	23.06	1
Gain (dBi)			0.57		0.57	
Isotropically Factor (dBc)			2.15		2.15	
Max ERP Power (dBm)			22.03		21.48	

4.2 Radiated Emission Measurement

4.2.1 Limits of Radiated Emission Measurement

According to FCC 27.53(a)(4) For mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands: (i) By a factor of not less than: 43 + 10 log (P) dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than 55 + 10 log (P) dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than 61 + 10 log (P) dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than 67 + 10 log (P) dB on all frequencies between 2328 and 2337 MHz; (ii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2296 and 2300 MHz, 61 + 10 log (P) dB on all frequencies between 2292 and 2296 MHz, 67 + 10 log (P) dB on all frequencies between 2288 and 2292 MHz, and 70 + 10 log (P) dB below 2288 MHz; (iii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2360 and 2365 MHz, and not less than 70 + 10 log (P) dB above 2365 MHz.

According to FCC 27.53 (c) For operations in the 746-758 MHz band and the 776-788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:
(1) On any frequency outside the 746-758 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB;
(2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB;
(3) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations;
(4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations;
(5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed;
(6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

According to FCC 27.53(f) For operations in the 746–758 MHz, 775–788 MHz, and 805–806 MHz bands, emissions in the band 1559–1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth.

According to FCC 27.53(g) For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43 + 10 log (P) dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

According to FCC 27.53(h) AWS emission limits— General protection levels. Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log10 (P) dB.

According to FCC 27.53(v)(4) For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

4.2.2 Test Procedure

a. The field strength was measured with Spectrum Analyzer.

b. Measurement in the semi-anechoic chamber, EUT placed on the 0.8m/1.5m 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 field strength value via a spectrum reading obtained corrected for antenna factor, cable loss and pre-amplifier factor.

c. Perform a field strength measurement and then mathematically convert the measured field strength level to EIRP level.

d. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = Read Value (dBμV/m) - Correction Factor @ 3m

e. Correction Factor (dB) @ 3m = 20log(D) − 104.8; where D is the measurement distance @3m =-95.26dB

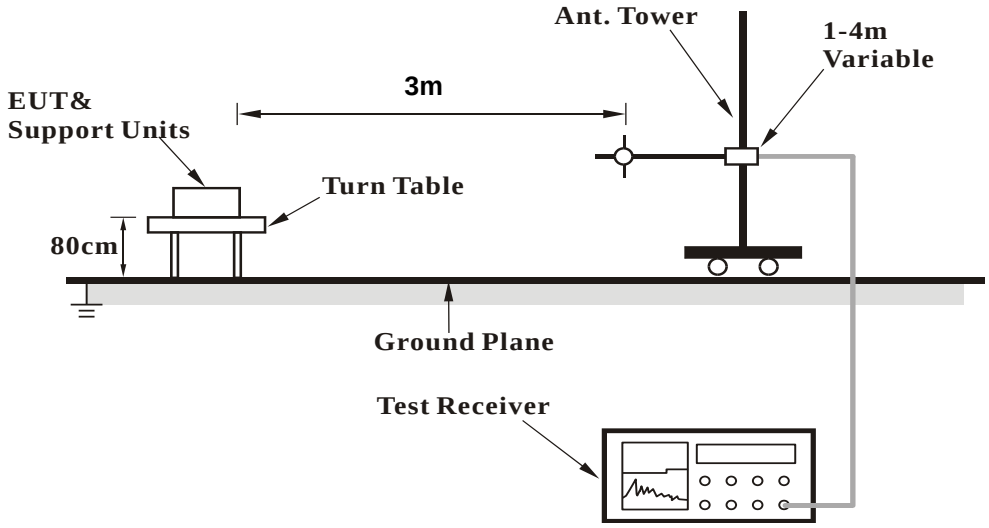
NOTE: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.

4.2.3 Deviation from Test Standard

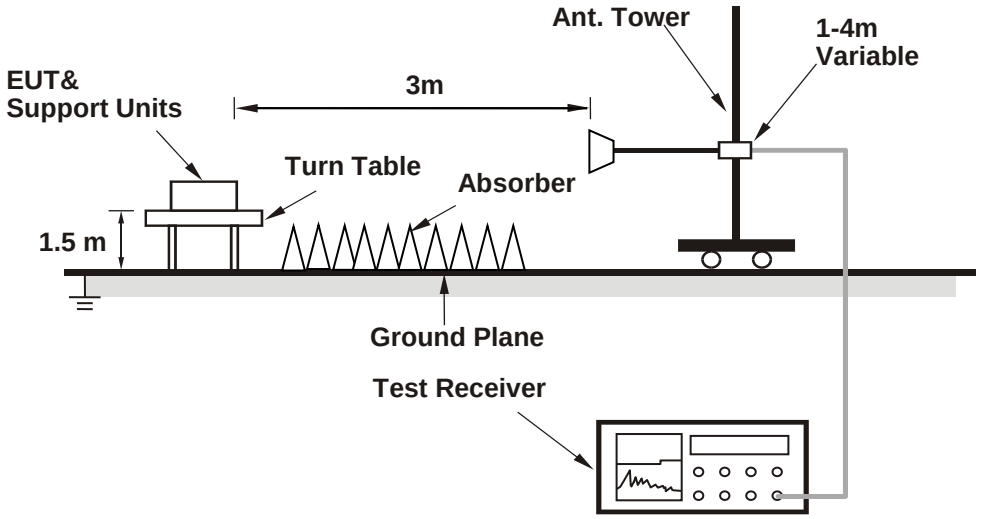
No deviation.

4.2.4 Test Setup

<Frequency Range below 1GHz>



<Frequency Range above 1GHz>



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

4.2.5 Test Results

Below 1GHz

WCDMA Band 4:

Mode	TX channel 1312	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.18	28.04	-95.26	-67.22	-13	-54.22
2	108.52	21.86	-95.26	-73.40	-13	-60.40
3	149.11	22.79	-95.26	-72.47	-13	-59.47
4	196.48	27.71	-95.26	-67.55	-13	-54.55
5	309.54	23.65	-95.26	-71.61	-13	-58.61
6	486.37	27.44	-95.26	-67.82	-13	-54.82
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.82	31.92	-95.26	-63.34	-13	-50.34
2	47.67	29.22	-95.26	-66.04	-13	-53.04
3	106.42	24.62	-95.26	-70.64	-13	-57.64
4	159.11	26.47	-95.26	-68.79	-13	-55.79
5	197	23.31	-95.26	-71.95	-13	-58.95
6	381.66	26.19	-95.26	-69.07	-13	-56.07

Remarks:

1. FolloANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 1413	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.05	29	-95.26	-66.26	-13	-53.26
2	108.57	24.29	-95.26	-70.97	-13	-57.97
3	148.89	23.81	-95.26	-71.45	-13	-58.45
4	196.42	26.18	-95.26	-69.08	-13	-56.08
5	309.77	23.87	-95.26	-71.39	-13	-58.39
6	487.23	28.04	-95.26	-67.22	-13	-54.22
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.83	33.33	-95.26	-61.93	-13	-48.93
2	47.89	29.37	-95.26	-65.89	-13	-52.89
3	106.22	24.14	-95.26	-71.12	-13	-58.12
4	159.08	25.94	-95.26	-69.32	-13	-56.32
5	197.81	22.44	-95.26	-72.82	-13	-59.82
6	381.72	26.74	-95.26	-68.52	-13	-55.52

Remarks:

1. FolloANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 1513	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.12	28.78	-95.26	-66.48	-13	-53.48
2	107.98	22.92	-95.26	-72.34	-13	-59.34
3	148.4	23.48	-95.26	-71.78	-13	-58.78
4	197.16	26.94	-95.26	-68.32	-13	-55.32
5	309.61	22.22	-95.26	-73.04	-13	-60.04
6	487.2	28.41	-95.26	-66.85	-13	-53.85
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.86	31.5	-95.26	-63.76	-13	-50.76
2	47.73	30.46	-95.26	-64.80	-13	-51.80
3	105.86	23.66	-95.26	-71.60	-13	-58.60
4	158.58	25.35	-95.26	-69.91	-13	-56.91
5	197.65	22.24	-95.26	-73.02	-13	-60.02
6	381.72	25.78	-95.26	-69.48	-13	-56.48

Remarks:

1. FolloANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

LTE Band 4: 1.4MHz

Mode	TX channel 19957	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.1	28.39	-95.26	-66.87	-13	-53.87
2	108.14	21.78	-95.26	-73.48	-13	-60.48
3	149.1	23.09	-95.26	-72.17	-13	-59.17
4	197.08	27.34	-95.26	-67.92	-13	-54.92
5	309.22	24.4	-95.26	-70.86	-13	-57.86
6	486.9	27.49	-95.26	-67.77	-13	-54.77
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.05	31.48	-95.26	-63.78	-13	-50.78
2	47.78	29.51	-95.26	-65.75	-13	-52.75
3	105.7	24.88	-95.26	-70.38	-13	-57.38
4	158.61	25.58	-95.26	-69.68	-13	-56.68
5	197.4	23.14	-95.26	-72.12	-13	-59.12
6	381.26	26.53	-95.26	-68.73	-13	-55.73

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 20175	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.09	28.7	-95.26	-66.56	-13	-53.56
2	108.01	23.66	-95.26	-71.60	-13	-58.60
3	149.05	23.38	-95.26	-71.88	-13	-58.88
4	196.88	26.34	-95.26	-68.92	-13	-55.92
5	309.65	23.51	-95.26	-71.75	-13	-58.75
6	486.81	27.81	-95.26	-67.45	-13	-54.45
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.99	33.01	-95.26	-62.25	-13	-49.25
2	47.86	30.03	-95.26	-65.23	-13	-52.23
3	106.39	23.54	-95.26	-71.72	-13	-58.72
4	158.39	26.1	-95.26	-69.16	-13	-56.16
5	197.23	22	-95.26	-73.26	-13	-60.26
6	381.62	26.93	-95.26	-68.33	-13	-55.33

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 20393	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.03	29.05	-95.26	-66.21	-13	-53.21
2	108.78	22.99	-95.26	-72.27	-13	-59.27
3	149.07	23	-95.26	-72.26	-13	-59.26
4	196.33	27.35	-95.26	-67.91	-13	-54.91
5	309.44	22.76	-95.26	-72.50	-13	-59.50
6	486.63	27.91	-95.26	-67.35	-13	-54.35
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.85	31.1	-95.26	-64.16	-13	-51.16
2	47.41	30.22	-95.26	-65.04	-13	-52.04
3	105.99	24.15	-95.26	-71.11	-13	-58.11
4	159.17	25.88	-95.26	-69.38	-13	-56.38
5	197.67	21.85	-95.26	-73.41	-13	-60.41
6	380.94	26.21	-95.26	-69.05	-13	-56.05

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

LTE Band 4: 3MHz

Mode	TX channel 19965	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.09	28.37	-95.26	-66.89	-13	-53.89
2	108.16	22.28	-95.26	-72.98	-13	-59.98
3	149	23.52	-95.26	-71.74	-13	-58.74
4	196.26	27	-95.26	-68.26	-13	-55.26
5	309.31	23.8	-95.26	-71.46	-13	-58.46
6	486.57	27.33	-95.26	-67.93	-13	-54.93
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.85	31.7	-95.26	-63.56	-13	-50.56
2	47.87	28.88	-95.26	-66.38	-13	-53.38
3	105.84	25.42	-95.26	-69.84	-13	-56.84
4	158.82	25.81	-95.26	-69.45	-13	-56.45
5	197.88	23.6	-95.26	-71.66	-13	-58.66
6	381.3	27.14	-95.26	-68.12	-13	-55.12

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 20175	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.18	28.88	-95.26	-66.38	-13	-53.38
2	108.75	24.06	-95.26	-71.20	-13	-58.20
3	148.59	23.2	-95.26	-72.06	-13	-59.06
4	196.96	26.03	-95.26	-69.23	-13	-56.23
5	309.21	23.85	-95.26	-71.41	-13	-58.41
6	486.99	27.74	-95.26	-67.52	-13	-54.52
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.92	33.23	-95.26	-62.03	-13	-49.03
2	47.67	29.76	-95.26	-65.50	-13	-52.50
3	106.29	23.8	-95.26	-71.46	-13	-58.46
4	158.43	25.13	-95.26	-70.13	-13	-57.13
5	197.84	21.99	-95.26	-73.27	-13	-60.27
6	381.39	26.7	-95.26	-68.56	-13	-55.56

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 20385	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.06	28.51	-95.26	-66.75	-13	-53.75
2	108.14	23.27	-95.26	-71.99	-13	-58.99
3	148.38	23.17	-95.26	-72.09	-13	-59.09
4	196.18	27.22	-95.26	-68.04	-13	-55.04
5	309.47	22.29	-95.26	-72.97	-13	-59.97
6	486.41	27.99	-95.26	-67.27	-13	-54.27
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31	31.52	-95.26	-63.74	-13	-50.74
2	47.61	30.53	-95.26	-64.73	-13	-51.73
3	106.01	24.1	-95.26	-71.16	-13	-58.16
4	159.17	25.55	-95.26	-69.71	-13	-56.71
5	197.39	21.74	-95.26	-73.52	-13	-60.52
6	381.57	25.62	-95.26	-69.64	-13	-56.64

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

LTE Band 4: 5MHz

Mode	TX channel 19975	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.03	28.34	-95.26	-66.92	-13	-53.92
2	108.83	21.85	-95.26	-73.41	-13	-60.41
3	149.31	23.6	-95.26	-71.66	-13	-58.66
4	196.96	27.61	-95.26	-67.65	-13	-54.65
5	309.76	23.78	-95.26	-71.48	-13	-58.48
6	486.48	27.48	-95.26	-67.78	-13	-54.78
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.85	31.84	-95.26	-63.42	-13	-50.42
2	47.7	28.76	-95.26	-66.50	-13	-53.50
3	106.41	25.17	-95.26	-70.09	-13	-57.09
4	158.86	26.31	-95.26	-68.95	-13	-55.95
5	197.78	23.76	-95.26	-71.50	-13	-58.50
6	381.56	26.34	-95.26	-68.92	-13	-55.92

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 20175	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.11	28.93	-95.26	-66.33	-13	-53.33
2	108.08	23.86	-95.26	-71.40	-13	-58.40
3	149.17	23.11	-95.26	-72.15	-13	-59.15
4	197.13	25.62	-95.26	-69.64	-13	-56.64
5	309.82	24.23	-95.26	-71.03	-13	-58.03
6	486.6	28.08	-95.26	-67.18	-13	-54.18
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.95	32.61	-95.26	-62.65	-13	-49.65
2	47.76	29.12	-95.26	-66.14	-13	-53.14
3	106.51	23.75	-95.26	-71.51	-13	-58.51
4	158.31	25.58	-95.26	-69.68	-13	-56.68
5	197.01	22.56	-95.26	-72.70	-13	-59.70
6	381.54	26.48	-95.26	-68.78	-13	-55.78

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 20375	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.19	28.33	-95.26	-66.93	-13	-53.93
2	108.24	23.14	-95.26	-72.12	-13	-59.12
3	148.39	23.02	-95.26	-72.24	-13	-59.24
4	196.77	26.7	-95.26	-68.56	-13	-55.56
5	309.13	22.39	-95.26	-72.87	-13	-59.87
6	486.88	28.53	-95.26	-66.73	-13	-53.73
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.9	30.6	-95.26	-64.66	-13	-51.66
2	47.53	30.75	-95.26	-64.51	-13	-51.51
3	106.25	24.1	-95.26	-71.16	-13	-58.16
4	158.48	26.21	-95.26	-69.05	-13	-56.05
5	197.74	21.43	-95.26	-73.83	-13	-60.83
6	381.19	25.72	-95.26	-69.54	-13	-56.54

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

LTE Band 4: 10MHz

Mode	TX channel 20000	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.08	28.51	-95.26	-66.75	-13	-53.75
2	108.82	22.68	-95.26	-72.58	-13	-59.58
3	148.43	22.71	-95.26	-72.55	-13	-59.55
4	196.68	27.6	-95.26	-67.66	-13	-54.66
5	309.32	24.13	-95.26	-71.13	-13	-58.13
6	487.09	27.11	-95.26	-68.15	-13	-55.15
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.06	32.26	-95.26	-63.00	-13	-50.00
2	47.65	29.43	-95.26	-65.83	-13	-52.83
3	106.64	25.05	-95.26	-70.21	-13	-57.21
4	158.49	25.98	-95.26	-69.28	-13	-56.28
5	197.48	23.57	-95.26	-71.69	-13	-58.69
6	381.26	26.58	-95.26	-68.68	-13	-55.68

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 20175	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.97	28.86	-95.26	-66.40	-13	-53.40
2	108.52	24.19	-95.26	-71.07	-13	-58.07
3	148.49	23.13	-95.26	-72.13	-13	-59.13
4	196.36	25.69	-95.26	-69.57	-13	-56.57
5	309.03	24.15	-95.26	-71.11	-13	-58.11
6	487.05	27.67	-95.26	-67.59	-13	-54.59
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.83	32.73	-95.26	-62.53	-13	-49.53
2	47.71	30.03	-95.26	-65.23	-13	-52.23
3	106.54	24.2	-95.26	-71.06	-13	-58.06
4	158.4	26.08	-95.26	-69.18	-13	-56.18
5	197.55	22.2	-95.26	-73.06	-13	-60.06
6	380.81	27	-95.26	-68.26	-13	-55.26

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 20350	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.19	29.03	-95.26	-66.23	-13	-53.23
2	108.67	22.44	-95.26	-72.82	-13	-59.82
3	149.28	23.11	-95.26	-72.15	-13	-59.15
4	196.73	26.74	-95.26	-68.52	-13	-55.52
5	309.99	22.84	-95.26	-72.42	-13	-59.42
6	486.54	28.44	-95.26	-66.82	-13	-53.82
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.98	31.32	-95.26	-63.94	-13	-50.94
2	47.63	29.83	-95.26	-65.43	-13	-52.43
3	106	23.3	-95.26	-71.96	-13	-58.96
4	158.35	25.8	-95.26	-69.46	-13	-56.46
5	197.46	21.79	-95.26	-73.47	-13	-60.47
6	381.18	25.62	-95.26	-69.64	-13	-56.64

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

LTE Band 4: 15MHz

Mode	TX channel 20025	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.96	28.69	-95.26	-66.57	-13	-53.57
2	108.79	22.06	-95.26	-73.20	-13	-60.20
3	149.1	23.23	-95.26	-72.03	-13	-59.03
4	197.06	27.05	-95.26	-68.21	-13	-55.21
5	309.69	23.72	-95.26	-71.54	-13	-58.54
6	486.42	27.42	-95.26	-67.84	-13	-54.84
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.98	32	-95.26	-63.26	-13	-50.26
2	47.56	28.93	-95.26	-66.33	-13	-53.33
3	106.57	24.79	-95.26	-70.47	-13	-57.47
4	158.57	26.36	-95.26	-68.90	-13	-55.90
5	196.96	23.69	-95.26	-71.57	-13	-58.57
6	381.68	26.28	-95.26	-68.98	-13	-55.98

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 20175	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.11	28.89	-95.26	-66.37	-13	-53.37
2	108.38	24.47	-95.26	-70.79	-13	-57.79
3	149.14	23.54	-95.26	-71.72	-13	-58.72
4	196.92	25.91	-95.26	-69.35	-13	-56.35
5	309.31	24.09	-95.26	-71.17	-13	-58.17
6	487.08	27.22	-95.26	-68.04	-13	-55.04
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.82	32.46	-95.26	-62.80	-13	-49.80
2	47.7	29.21	-95.26	-66.05	-13	-53.05
3	106.46	24	-95.26	-71.26	-13	-58.26
4	158.5	25.93	-95.26	-69.33	-13	-56.33
5	197.61	22.3	-95.26	-72.96	-13	-59.96
6	381.53	26.78	-95.26	-68.48	-13	-55.48

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 20325	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.07	28.64	-95.26	-66.62	-13	-53.62
2	108.87	23.06	-95.26	-72.20	-13	-59.20
3	148.5	23.28	-95.26	-71.98	-13	-58.98
4	196.5	27.16	-95.26	-68.10	-13	-55.10
5	309.19	22.45	-95.26	-72.81	-13	-59.81
6	486.4	28.37	-95.26	-66.89	-13	-53.89
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.85	30.72	-95.26	-64.54	-13	-51.54
2	47.63	30.79	-95.26	-64.47	-13	-51.47
3	106.05	24.1	-95.26	-71.16	-13	-58.16
4	159.1	26.13	-95.26	-69.13	-13	-56.13
5	197.4	21.9	-95.26	-73.36	-13	-60.36
6	380.91	25.57	-95.26	-69.69	-13	-56.69

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

LTE Band 4: 20MHz

Mode	TX channel 20050	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.1	28.35	-95.26	-66.91	-13	-53.91
2	108.6	22.27	-95.26	-72.99	-13	-59.99
3	148.66	23.55	-95.26	-71.71	-13	-58.71
4	197.05	27.68	-95.26	-67.58	-13	-54.58
5	309.13	24.1	-95.26	-71.16	-13	-58.16
6	486.46	27.27	-95.26	-67.99	-13	-54.99
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.04	31.66	-95.26	-63.60	-13	-50.60
2	47.54	29.37	-95.26	-65.89	-13	-52.89
3	105.87	24.87	-95.26	-70.39	-13	-57.39
4	159.1	26.07	-95.26	-69.19	-13	-56.19
5	197.13	23.63	-95.26	-71.63	-13	-58.63
6	380.82	27.13	-95.26	-68.13	-13	-55.13

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 20175	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.03	28.79	-95.26	-66.47	-13	-53.47
2	108.56	23.61	-95.26	-71.65	-13	-58.65
3	148.66	23.5	-95.26	-71.76	-13	-58.76
4	196.61	25.86	-95.26	-69.40	-13	-56.40
5	309.82	23.56	-95.26	-71.70	-13	-58.70
6	487.17	27.44	-95.26	-67.82	-13	-54.82
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.96	33.04	-95.26	-62.22	-13	-49.22
2	47.54	29.38	-95.26	-65.88	-13	-52.88
3	106.01	23.52	-95.26	-71.74	-13	-58.74
4	159.07	26.07	-95.26	-69.19	-13	-56.19
5	197.85	22.14	-95.26	-73.12	-13	-60.12
6	381.11	27.2	-95.26	-68.06	-13	-55.06

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 20300	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.04	28.91	-95.26	-66.35	-13	-53.35
2	108.69	22.78	-95.26	-72.48	-13	-59.48
3	148.48	23.96	-95.26	-71.30	-13	-58.30
4	196.25	27.1	-95.26	-68.16	-13	-55.16
5	309.6	22.39	-95.26	-72.87	-13	-59.87
6	487.19	28.31	-95.26	-66.95	-13	-53.95
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.87	30.67	-95.26	-64.59	-13	-51.59
2	47.45	30.46	-95.26	-64.80	-13	-51.80
3	106.36	23.35	-95.26	-71.91	-13	-58.91
4	158.73	26.02	-95.26	-69.24	-13	-56.24
5	197.42	21.43	-95.26	-73.83	-13	-60.83
6	380.96	26.31	-95.26	-68.95	-13	-55.95

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

LTE Band 12: 1.4MHz

Mode	TX channel 23017	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31	28.36	-95.26	-66.90	-13	-53.90
2	108.19	21.87	-95.26	-73.39	-13	-60.39
3	148.53	23.06	-95.26	-72.20	-13	-59.20
4	197.01	27.43	-95.26	-67.83	-13	-54.83
5	309.73	23.98	-95.26	-71.28	-13	-58.28
6	487.25	27.8	-95.26	-67.46	-13	-54.46
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.86	32.08	-95.26	-63.18	-13	-50.18
2	47.82	29.08	-95.26	-66.18	-13	-53.18
3	106.39	24.6	-95.26	-70.66	-13	-57.66
4	158.66	25.83	-95.26	-69.43	-13	-56.43
5	197.38	23.47	-95.26	-71.79	-13	-58.79
6	380.8	26.96	-95.26	-68.30	-13	-55.30

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 23095	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.03	28.88	-95.26	-66.38	-13	-53.38
2	108.35	24	-95.26	-71.26	-13	-58.26
3	148.84	23.11	-95.26	-72.15	-13	-59.15
4	196.77	26.28	-95.26	-68.98	-13	-55.98
5	309.34	24.42	-95.26	-70.84	-13	-57.84
6	486.93	27.93	-95.26	-67.33	-13	-54.33
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.01	33.13	-95.26	-62.13	-13	-49.13
2	47.67	29.61	-95.26	-65.65	-13	-52.65
3	105.72	24.21	-95.26	-71.05	-13	-58.05
4	159.27	25.45	-95.26	-69.81	-13	-56.81
5	197.05	22.26	-95.26	-73.00	-13	-60.00
6	381.35	26.67	-95.26	-68.59	-13	-55.59

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 23173	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.16	28.74	-95.26	-66.52	-13	-53.52
2	108.57	23.16	-95.26	-72.10	-13	-59.10
3	148.89	23.4	-95.26	-71.86	-13	-58.86
4	196.19	27.48	-95.26	-67.78	-13	-54.78
5	309.5	22.41	-95.26	-72.85	-13	-59.85
6	486.36	28.69	-95.26	-66.57	-13	-53.57
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.03	31.19	-95.26	-64.07	-13	-51.07
2	47.55	30.68	-95.26	-64.58	-13	-51.58
3	105.65	23.25	-95.26	-72.01	-13	-59.01
4	159.17	25.56	-95.26	-69.70	-13	-56.70
5	197.54	21.65	-95.26	-73.61	-13	-60.61
6	381.63	26.36	-95.26	-68.90	-13	-55.90

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

LTE Band 12: 3MHz

Mode	TX channel 23025	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.05	27.93	-95.26	-67.33	-13	-54.33
2	108.28	22.3	-95.26	-72.96	-13	-59.96
3	149.11	23.21	-95.26	-72.05	-13	-59.05
4	196.88	27.51	-95.26	-67.75	-13	-54.75
5	309.11	23.8	-95.26	-71.46	-13	-58.46
6	486.86	26.86	-95.26	-68.40	-13	-55.40
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.87	32.28	-95.26	-62.98	-13	-49.98
2	47.65	29.49	-95.26	-65.77	-13	-52.77
3	106.33	25.45	-95.26	-69.81	-13	-56.81
4	159.07	25.9	-95.26	-69.36	-13	-56.36
5	197.34	23.41	-95.26	-71.85	-13	-58.85
6	380.87	26.44	-95.26	-68.82	-13	-55.82

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 23095	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.2	28.24	-95.26	-67.02	-13	-54.02
2	108.7	23.8	-95.26	-71.46	-13	-58.46
3	148.41	23.22	-95.26	-72.04	-13	-59.04
4	197.05	26.41	-95.26	-68.85	-13	-55.85
5	309.37	24.03	-95.26	-71.23	-13	-58.23
6	486.33	27.78	-95.26	-67.48	-13	-54.48
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.06	32.9	-95.26	-62.36	-13	-49.36
2	47.57	29.5	-95.26	-65.76	-13	-52.76
3	105.73	24.16	-95.26	-71.10	-13	-58.10
4	158.3	26	-95.26	-69.26	-13	-56.26
5	197.36	22.26	-95.26	-73.00	-13	-60.00
6	380.87	26.74	-95.26	-68.52	-13	-55.52

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 23165	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.99	29.16	-95.26	-66.10	-13	-53.10
2	108.3	23.28	-95.26	-71.98	-13	-58.98
3	149.11	23.96	-95.26	-71.30	-13	-58.30
4	196.43	27.31	-95.26	-67.95	-13	-54.95
5	309.06	22.55	-95.26	-72.71	-13	-59.71
6	486.85	28.68	-95.26	-66.58	-13	-53.58
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.87	30.88	-95.26	-64.38	-13	-51.38
2	47.77	30.14	-95.26	-65.12	-13	-52.12
3	106.25	24.19	-95.26	-71.07	-13	-58.07
4	158.54	26.18	-95.26	-69.08	-13	-56.08
5	197.62	21.45	-95.26	-73.81	-13	-60.81
6	381.73	25.86	-95.26	-69.40	-13	-56.40

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

LTE Band 12: 5MHz

Mode	TX channel 23035	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.97	27.95	-95.26	-67.31	-13	-54.31
2	108.04	22.24	-95.26	-73.02	-13	-60.02
3	148.74	23.24	-95.26	-72.02	-13	-59.02
4	196.86	27.77	-95.26	-67.49	-13	-54.49
5	309.89	24.38	-95.26	-70.88	-13	-57.88
6	486.88	26.84	-95.26	-68.42	-13	-55.42
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.91	32.3	-95.26	-62.96	-13	-49.96
2	47.75	29.54	-95.26	-65.72	-13	-52.72
3	106.34	25.13	-95.26	-70.13	-13	-57.13
4	158.3	26.51	-95.26	-68.75	-13	-55.75
5	197.64	23.73	-95.26	-71.53	-13	-58.53
6	381.39	26.52	-95.26	-68.74	-13	-55.74

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 23095	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.06	28.54	-95.26	-66.72	-13	-53.72
2	108.39	24.35	-95.26	-70.91	-13	-57.91
3	148.78	23.74	-95.26	-71.52	-13	-58.52
4	196.24	26.35	-95.26	-68.91	-13	-55.91
5	309.8	23.56	-95.26	-71.70	-13	-58.70
6	486.84	27.66	-95.26	-67.60	-13	-54.60
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.01	32.6	-95.26	-62.66	-13	-49.66
2	47.88	29.93	-95.26	-65.33	-13	-52.33
3	106.52	24.4	-95.26	-70.86	-13	-57.86
4	159.1	25.54	-95.26	-69.72	-13	-56.72
5	197.55	22.36	-95.26	-72.90	-13	-59.90
6	380.88	27.24	-95.26	-68.02	-13	-55.02

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 23155	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.15	28.5	-95.26	-66.76	-13	-53.76
2	108.93	22.4	-95.26	-72.86	-13	-59.86
3	149.21	23.81	-95.26	-71.45	-13	-58.45
4	196.18	27.37	-95.26	-67.89	-13	-54.89
5	309.48	22.57	-95.26	-72.69	-13	-59.69
6	486.49	28.77	-95.26	-66.49	-13	-53.49
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.95	30.71	-95.26	-64.55	-13	-51.55
2	47.74	30.22	-95.26	-65.04	-13	-52.04
3	105.92	23.48	-95.26	-71.78	-13	-58.78
4	158.7	25.85	-95.26	-69.41	-13	-56.41
5	197.7	21.78	-95.26	-73.48	-13	-60.48
6	381.31	25.95	-95.26	-69.31	-13	-56.31

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

LTE Band 12: 10MHz

Mode	TX channel 23060	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.96	28.09	-95.26	-67.17	-13	-54.17
2	108.48	22.54	-95.26	-72.72	-13	-59.72
3	148.79	23.14	-95.26	-72.12	-13	-59.12
4	196.25	26.98	-95.26	-68.28	-13	-55.28
5	309.23	24.08	-95.26	-71.18	-13	-58.18
6	487.01	27.76	-95.26	-67.50	-13	-54.50
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.86	31.89	-95.26	-63.37	-13	-50.37
2	47.42	28.72	-95.26	-66.54	-13	-53.54
3	106.64	25.39	-95.26	-69.87	-13	-56.87
4	158.88	26.38	-95.26	-68.88	-13	-55.88
5	197.52	23.36	-95.26	-71.90	-13	-58.90
6	381.51	27.15	-95.26	-68.11	-13	-55.11

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 23095	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.06	28.99	-95.26	-66.27	-13	-53.27
2	107.98	23.66	-95.26	-71.60	-13	-58.60
3	149.3	23.48	-95.26	-71.78	-13	-58.78
4	196.26	25.63	-95.26	-69.63	-13	-56.63
5	309.55	24.02	-95.26	-71.24	-13	-58.24
6	487.26	27.21	-95.26	-68.05	-13	-55.05
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.83	32.92	-95.26	-62.34	-13	-49.34
2	47.66	29.07	-95.26	-66.19	-13	-53.19
3	106.46	23.66	-95.26	-71.60	-13	-58.60
4	158.34	25.79	-95.26	-69.47	-13	-56.47
5	197.28	21.89	-95.26	-73.37	-13	-60.37
6	381.27	26.99	-95.26	-68.27	-13	-55.27

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 23130	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.18	28.91	-95.26	-66.35	-13	-53.35
2	108.8	22.71	-95.26	-72.55	-13	-59.55
3	148.91	23.1	-95.26	-72.16	-13	-59.16
4	197.11	26.98	-95.26	-68.28	-13	-55.28
5	309.61	22.28	-95.26	-72.98	-13	-59.98
6	486.47	28.16	-95.26	-67.10	-13	-54.10
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.06	30.85	-95.26	-64.41	-13	-51.41
2	47.59	30.39	-95.26	-64.87	-13	-51.87
3	105.77	23.74	-95.26	-71.52	-13	-58.52
4	159.08	25.31	-95.26	-69.95	-13	-56.95
5	197.64	21.81	-95.26	-73.45	-13	-60.45
6	381.31	26.12	-95.26	-69.14	-13	-56.14

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

LTE Band 13: 5MHz

Mode	TX channel 23205	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.11	28.31	-95.26	-66.95	-13	-53.95
2	108.92	21.94	-95.26	-73.32	-13	-60.32
3	148.8	23.16	-95.26	-72.10	-13	-59.10
4	197.15	27.56	-95.26	-67.70	-13	-54.70
5	309.63	23.75	-95.26	-71.51	-13	-58.51
6	486.83	27.78	-95.26	-67.48	-13	-54.48
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31	32.29	-95.26	-62.97	-13	-49.97
2	47.77	28.89	-95.26	-66.37	-13	-53.37
3	106.65	24.78	-95.26	-70.48	-13	-57.48
4	158.62	25.77	-95.26	-69.49	-13	-56.49
5	197.42	23.1	-95.26	-72.16	-13	-59.16
6	380.88	26.63	-95.26	-68.63	-13	-55.63

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 23230	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.05	28.19	-95.26	-67.07	-13	-54.07
2	108.34	24.53	-95.26	-70.73	-13	-57.73
3	149.09	23	-95.26	-72.26	-13	-59.26
4	196.29	26.22	-95.26	-69.04	-13	-56.04
5	309.31	23.67	-95.26	-71.59	-13	-58.59
6	486.37	28.05	-95.26	-67.21	-13	-54.21
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.07	33.37	-95.26	-61.89	-13	-48.89
2	47.59	29.69	-95.26	-65.57	-13	-52.57
3	106.2	23.7	-95.26	-71.56	-13	-58.56
4	159.21	25.88	-95.26	-69.38	-13	-56.38
5	197.09	22.2	-95.26	-73.06	-13	-60.06
6	381.08	26.38	-95.26	-68.88	-13	-55.88

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 23255	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.98	28.4	-95.26	-66.86	-13	-53.86
2	108.54	23.23	-95.26	-72.03	-13	-59.03
3	149.32	23.48	-95.26	-71.78	-13	-58.78
4	196.99	27.05	-95.26	-68.21	-13	-55.21
5	309.08	22.81	-95.26	-72.45	-13	-59.45
6	486.42	28.48	-95.26	-66.78	-13	-53.78
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.82	30.75	-95.26	-64.51	-13	-51.51
2	47.85	29.84	-95.26	-65.42	-13	-52.42
3	106.32	23.77	-95.26	-71.49	-13	-58.49
4	158.5	25.93	-95.26	-69.33	-13	-56.33
5	197.21	22.11	-95.26	-73.15	-13	-60.15
6	381.01	25.95	-95.26	-69.31	-13	-56.31

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

LTE Band 13: 10MHz

Mode	TX channel 23230	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	31.09	27.82	-95.26	-67.44	-13	-54.44
2	108.29	22.01	-95.26	-73.25	-13	-60.25
3	148.53	22.74	-95.26	-72.52	-13	-59.52
4	196.76	27.2	-95.26	-68.06	-13	-55.06
5	309.31	23.79	-95.26	-71.47	-13	-58.47
6	487.22	27.72	-95.26	-67.54	-13	-54.54
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.91	31.96	-95.26	-63.30	-13	-50.30
2	47.48	29.17	-95.26	-66.09	-13	-53.09
3	106.26	25.12	-95.26	-70.14	-13	-57.14
4	158.33	26.14	-95.26	-69.12	-13	-56.12
5	197.39	23.02	-95.26	-72.24	-13	-59.24
6	381.68	26.53	-95.26	-68.73	-13	-55.73

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Above 1GHz

WCDMA:

Mode	TX channel 1312	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3424.8	31.98	-95.26	-63.28	-13	-50.28
2	4281	32.81	-95.26	-62.45	-13	-49.45
3	5137.2	32.72	-95.26	-62.54	-13	-49.54
4	5993.4	32.93	-95.26	-62.33	-13	-49.33
5	6849.6	31.99	-95.26	-63.27	-13	-50.27
6	7705.8	32.88	-95.26	-62.38	-13	-49.38
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3424.8	32.04	-95.26	-63.22	-13	-50.22
2	4281	32.8	-95.26	-62.46	-13	-49.46
3	5137.2	32.95	-95.26	-62.31	-13	-49.31
4	5993.4	32.59	-95.26	-62.67	-13	-49.67
5	6849.6	32.8	-95.26	-62.46	-13	-49.46
6	7705.8	33.08	-95.26	-62.18	-13	-49.18

Remarks:

1. FolloANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 1413	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465.2	31.94	-95.26	-63.32	-13	-50.32
2	4331.5	32.93	-95.26	-62.33	-13	-49.33
3	5197.8	32.77	-95.26	-62.49	-13	-49.49
4	6064.1	32.66	-95.26	-62.60	-13	-49.60
5	6930.4	33.18	-95.26	-62.08	-13	-49.08
6	7796.7	33.93	-95.26	-61.33	-13	-48.33
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465.2	31.63	-95.26	-63.63	-13	-50.63
2	4331.5	32.08	-95.26	-63.18	-13	-50.18
3	5197.8	32.68	-95.26	-62.58	-13	-49.58
4	6064.1	32.89	-95.26	-62.37	-13	-49.37
5	6930.4	32.8	-95.26	-62.46	-13	-49.46
6	7796.7	34.33	-95.26	-60.93	-13	-47.93

Remarks:

1. FolloANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 1513	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3505.2	31.98	-95.26	-63.28	-13	-50.28
2	4381.5	32.53	-95.26	-62.73	-13	-49.73
3	5257.8	32.22	-95.26	-63.04	-13	-50.04
4	6134.1	32.7	-95.26	-62.56	-13	-49.56
5	7010.4	32.94	-95.26	-62.32	-13	-49.32
6	7886.7	33.25	-95.26	-62.01	-13	-49.01
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3505.2	31.99	-95.26	-63.27	-13	-50.27
2	4381.5	32.62	-95.26	-62.64	-13	-49.64
3	5257.8	33.09	-95.26	-62.17	-13	-49.17
4	6134.1	32.54	-95.26	-62.72	-13	-49.72
5	7010.4	33.02	-95.26	-62.24	-13	-49.24
6	7886.7	34.04	-95.26	-61.22	-13	-48.22

Remarks:

1. FolloANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

LTE Band 4: 1.4MHz

Mode	TX channel 19957	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3421.4	31.91	-95.26	-63.35	-13	-50.35
2	4276.75	32.91	-95.26	-62.35	-13	-49.35
3	5132.1	32.7	-95.26	-62.56	-13	-49.56
4	5987.45	32.8	-95.26	-62.46	-13	-49.46
5	6842.8	31.97	-95.26	-63.29	-13	-50.29
6	7698.15	33.24	-95.26	-62.02	-13	-49.02
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3421.4	32.01	-95.26	-63.25	-13	-50.25
2	4276.75	32.69	-95.26	-62.57	-13	-49.57
3	5132.1	33.08	-95.26	-62.18	-13	-49.18
4	5987.45	32.53	-95.26	-62.73	-13	-49.73
5	6842.8	32.81	-95.26	-62.45	-13	-49.45
6	7698.15	33.13	-95.26	-62.13	-13	-49.13

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 20175	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465	32.1	-95.26	-63.16	-13	-50.16
2	4331.25	32.92	-95.26	-62.34	-13	-49.34
3	5197.5	32.6	-95.26	-62.66	-13	-49.66
4	6063.75	32.7	-95.26	-62.56	-13	-49.56
5	6930	33.28	-95.26	-61.98	-13	-48.98
6	7796.25	33.94	-95.26	-61.32	-13	-48.32
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465	31.51	-95.26	-63.75	-13	-50.75
2	4331.25	31.95	-95.26	-63.31	-13	-50.31
3	5197.5	32.83	-95.26	-62.43	-13	-49.43
4	6063.75	32.93	-95.26	-62.33	-13	-49.33
5	6930	32.85	-95.26	-62.41	-13	-49.41
6	7796.25	34.15	-95.26	-61.11	-13	-48.11

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 20393	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3508.6	32	-95.26	-63.26	-13	-50.26
2	4385.75	32.33	-95.26	-62.93	-13	-49.93
3	5262.9	32.28	-95.26	-62.98	-13	-49.98
4	6140.05	32.68	-95.26	-62.58	-13	-49.58
5	7017.2	33.04	-95.26	-62.22	-13	-49.22
6	7894.35	33.17	-95.26	-62.09	-13	-49.09
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3508.6	32.01	-95.26	-63.25	-13	-50.25
2	4385.75	32.65	-95.26	-62.61	-13	-49.61
3	5262.9	33.08	-95.26	-62.18	-13	-49.18
4	6140.05	32.42	-95.26	-62.84	-13	-49.84
5	7017.2	33.12	-95.26	-62.14	-13	-49.14
6	7894.35	34	-95.26	-61.26	-13	-48.26

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

LTE Band 4: 3MHz

Mode	TX channel 19965	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3423	31.94	-95.26	-63.32	-13	-50.32
2	4278.75	32.23	-95.26	-63.03	-13	-50.03
3	5134.5	32.37	-95.26	-62.89	-13	-49.89
4	5990.25	32.78	-95.26	-62.48	-13	-49.48
5	6846	32.86	-95.26	-62.40	-13	-49.40
6	7701.75	33.61	-95.26	-61.65	-13	-48.65
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3423	32.07	-95.26	-63.19	-13	-50.19
2	4278.75	32.76	-95.26	-62.50	-13	-49.50
3	5134.5	32.94	-95.26	-62.32	-13	-49.32
4	5990.25	32.63	-95.26	-62.63	-13	-49.63
5	6846	32.81	-95.26	-62.45	-13	-49.45
6	7701.75	32.91	-95.26	-62.35	-13	-49.35

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 20175	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465	32.18	-95.26	-63.08	-13	-50.08
2	4331.25	32.8	-95.26	-62.46	-13	-49.46
3	5197.5	32.76	-95.26	-62.50	-13	-49.50
4	6063.75	32.59	-95.26	-62.67	-13	-49.67
5	6930	33.28	-95.26	-61.98	-13	-48.98
6	7796.25	33.79	-95.26	-61.47	-13	-48.47
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465	31.43	-95.26	-63.83	-13	-50.83
2	4331.25	32.06	-95.26	-63.20	-13	-50.20
3	5197.5	32.75	-95.26	-62.51	-13	-49.51
4	6063.75	32.75	-95.26	-62.51	-13	-49.51
5	6930	32.92	-95.26	-62.34	-13	-49.34
6	7796.25	34.21	-95.26	-61.05	-13	-48.05

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 20385	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3507	32.06	-95.26	-63.20	-13	-50.20
2	4383.75	32.45	-95.26	-62.81	-13	-49.81
3	5260.5	32.28	-95.26	-62.98	-13	-49.98
4	6137.25	32.6	-95.26	-62.66	-13	-49.66
5	7014	32.85	-95.26	-62.41	-13	-49.41
6	7890.75	33.26	-95.26	-62.00	-13	-49.00
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3507	32.02	-95.26	-63.24	-13	-50.24
2	4383.75	32.55	-95.26	-62.71	-13	-49.71
3	5260.5	33.12	-95.26	-62.14	-13	-49.14
4	6137.25	32.59	-95.26	-62.67	-13	-49.67
5	7014	32.98	-95.26	-62.28	-13	-49.28
6	7890.75	34.11	-95.26	-61.15	-13	-48.15

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

LTE Band 4: 5MHz

Mode	TX channel 19975	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3425	31.83	-95.26	-63.43	-13	-50.43
2	4281.25	32.64	-95.26	-62.62	-13	-49.62
3	5137.5	32.67	-95.26	-62.59	-13	-49.59
4	5993.75	32.78	-95.26	-62.48	-13	-49.48
5	6850	32.83	-95.26	-62.43	-13	-49.43
6	7706.25	33.14	-95.26	-62.12	-13	-49.12
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3425	31.95	-95.26	-63.31	-13	-50.31
2	4281.25	32.67	-95.26	-62.59	-13	-49.59
3	5137.5	32.98	-95.26	-62.28	-13	-49.28
4	5993.75	32.57	-95.26	-62.69	-13	-49.69
5	6850	32.97	-95.26	-62.29	-13	-49.29
6	7706.25	33.07	-95.26	-62.19	-13	-49.19

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 20175	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465	32.05	-95.26	-63.21	-13	-50.21
2	4331.25	32.93	-95.26	-62.33	-13	-49.33
3	5197.5	32.72	-95.26	-62.54	-13	-49.54
4	6063.75	32.65	-95.26	-62.61	-13	-49.61
5	6930	33.19	-95.26	-62.07	-13	-49.07
6	7796.25	33.74	-95.26	-61.52	-13	-48.52
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465	31.57	-95.26	-63.69	-13	-50.69
2	4331.25	32.05	-95.26	-63.21	-13	-50.21
3	5197.5	32.8	-95.26	-62.46	-13	-49.46
4	6063.75	32.77	-95.26	-62.49	-13	-49.49
5	6930	32.75	-95.26	-62.51	-13	-49.51
6	7796.25	34.22	-95.26	-61.04	-13	-48.04

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 20375	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3505	32.02	-95.26	-63.24	-13	-50.24
2	4381.25	32.33	-95.26	-62.93	-13	-49.93
3	5257.5	32.16	-95.26	-63.10	-13	-50.10
4	6133.75	32.53	-95.26	-62.73	-13	-49.73
5	7010	32.91	-95.26	-62.35	-13	-49.35
6	7886.25	33.25	-95.26	-62.01	-13	-49.01
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3505	32.03	-95.26	-63.23	-13	-50.23
2	4381.25	32.42	-95.26	-62.84	-13	-49.84
3	5257.5	32.96	-95.26	-62.30	-13	-49.30
4	6133.75	32.52	-95.26	-62.74	-13	-49.74
5	7010	33.04	-95.26	-62.22	-13	-49.22
6	7886.25	34.1	-95.26	-61.16	-13	-48.16

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

LTE Band 4: 10MHz

Mode	TX channel 20000	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3430	31.9	-95.26	-63.36	-13	-50.36
2	4287.5	32.71	-95.26	-62.55	-13	-49.55
3	5145	32.82	-95.26	-62.44	-13	-49.44
4	6002.5	32.96	-95.26	-62.30	-13	-49.30
5	6860	32.69	-95.26	-62.57	-13	-49.57
6	7717.5	33.43	-95.26	-61.83	-13	-48.83
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3430	32.05	-95.26	-63.21	-13	-50.21
2	4287.5	32.8	-95.26	-62.46	-13	-49.46
3	5145	32.9	-95.26	-62.36	-13	-49.36
4	6002.5	32.69	-95.26	-62.57	-13	-49.57
5	6860	32.81	-95.26	-62.45	-13	-49.45
6	7717.5	33.12	-95.26	-62.14	-13	-49.14

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 20175	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465	32.06	-95.26	-63.20	-13	-50.20
2	4331.25	32.87	-95.26	-62.39	-13	-49.39
3	5197.5	32.63	-95.26	-62.63	-13	-49.63
4	6063.75	32.59	-95.26	-62.67	-13	-49.67
5	6930	33.18	-95.26	-62.08	-13	-49.08
6	7796.25	33.94	-95.26	-61.32	-13	-48.32
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465	31.53	-95.26	-63.73	-13	-50.73
2	4331.25	31.94	-95.26	-63.32	-13	-50.32
3	5197.5	32.71	-95.26	-62.55	-13	-49.55
4	6063.75	32.78	-95.26	-62.48	-13	-49.48
5	6930	32.77	-95.26	-62.49	-13	-49.49
6	7796.25	34.1	-95.26	-61.16	-13	-48.16

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 20350	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3500	32	-95.26	-63.26	-13	-50.26
2	4375	32.33	-95.26	-62.93	-13	-49.93
3	5250	32.12	-95.26	-63.14	-13	-50.14
4	6125	32.51	-95.26	-62.75	-13	-49.75
5	7000	33.03	-95.26	-62.23	-13	-49.23
6	7875	33.23	-95.26	-62.03	-13	-49.03
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3500	31.98	-95.26	-63.28	-13	-50.28
2	4375	32.62	-95.26	-62.64	-13	-49.64
3	5250	33.05	-95.26	-62.21	-13	-49.21
4	6125	32.39	-95.26	-62.87	-13	-49.87
5	7000	33.09	-95.26	-62.17	-13	-49.17
6	7875	34.07	-95.26	-61.19	-13	-48.19

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

LTE Band 4: 15MHz

Mode	TX channel 20025	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3435	31.86	-95.26	-63.40	-13	-50.40
2	4293.75	32.62	-95.26	-62.64	-13	-49.64
3	5152.5	33.21	-95.26	-62.05	-13	-49.05
4	6011.25	32.7	-95.26	-62.56	-13	-49.56
5	6870	32.18	-95.26	-63.08	-13	-50.08
6	7728.75	33.34	-95.26	-61.92	-13	-48.92
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3435	32.08	-95.26	-63.18	-13	-50.18
2	4293.75	32.74	-95.26	-62.52	-13	-49.52
3	5152.5	33.01	-95.26	-62.25	-13	-49.25
4	6011.25	32.51	-95.26	-62.75	-13	-49.75
5	6870	32.81	-95.26	-62.45	-13	-49.45
6	7728.75	32.99	-95.26	-62.27	-13	-49.27

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 20175	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465	31.93	-95.26	-63.33	-13	-50.33
2	4331.25	33	-95.26	-62.26	-13	-49.26
3	5197.5	32.62	-95.26	-62.64	-13	-49.64
4	6063.75	32.61	-95.26	-62.65	-13	-49.65
5	6930	33.2	-95.26	-62.06	-13	-49.06
6	7796.25	33.94	-95.26	-61.32	-13	-48.32
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465	31.5	-95.26	-63.76	-13	-50.76
2	4331.25	31.97	-95.26	-63.29	-13	-50.29
3	5197.5	32.62	-95.26	-62.64	-13	-49.64
4	6063.75	32.87	-95.26	-62.39	-13	-49.39
5	6930	32.83	-95.26	-62.43	-13	-49.43
6	7796.25	34.16	-95.26	-61.10	-13	-48.10

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 20325	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3495	32.02	-95.26	-63.24	-13	-50.24
2	4368.75	32.39	-95.26	-62.87	-13	-49.87
3	5242.5	32.27	-95.26	-62.99	-13	-49.99
4	6116.25	32.51	-95.26	-62.75	-13	-49.75
5	6990	32.91	-95.26	-62.35	-13	-49.35
6	7863.75	33.1	-95.26	-62.16	-13	-49.16
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3495	31.99	-95.26	-63.27	-13	-50.27
2	4368.75	32.44	-95.26	-62.82	-13	-49.82
3	5242.5	32.95	-95.26	-62.31	-13	-49.31
4	6116.25	32.49	-95.26	-62.77	-13	-49.77
5	6990	32.98	-95.26	-62.28	-13	-49.28
6	7863.75	33.91	-95.26	-61.35	-13	-48.35

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

LTE Band 4: 20MHz

Mode	TX channel 20050	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3440	31.84	-95.26	-63.42	-13	-50.42
2	4300	32.78	-95.26	-62.48	-13	-49.48
3	5160	32.35	-95.26	-62.91	-13	-49.91
4	6020	32.97	-95.26	-62.29	-13	-49.29
5	6880	32.37	-95.26	-62.89	-13	-49.89
6	7740	33.62	-95.26	-61.64	-13	-48.64
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3440	32.06	-95.26	-63.20	-13	-50.20
2	4300	32.78	-95.26	-62.48	-13	-49.48
3	5160	32.91	-95.26	-62.35	-13	-49.35
4	6020	32.64	-95.26	-62.62	-13	-49.62
5	6880	32.79	-95.26	-62.47	-13	-49.47
6	7740	33.13	-95.26	-62.13	-13	-49.13

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 20175	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465	32.18	-95.26	-63.08	-13	-50.08
2	4331.25	32.95	-95.26	-62.31	-13	-49.31
3	5197.5	32.67	-95.26	-62.59	-13	-49.59
4	6063.75	32.57	-95.26	-62.69	-13	-49.69
5	6930	33.08	-95.26	-62.18	-13	-49.18
6	7796.25	33.89	-95.26	-61.37	-13	-48.37
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465	31.42	-95.26	-63.84	-13	-50.84
2	4331.25	32.18	-95.26	-63.08	-13	-50.08
3	5197.5	32.78	-95.26	-62.48	-13	-49.48
4	6063.75	32.84	-95.26	-62.42	-13	-49.42
5	6930	32.79	-95.26	-62.47	-13	-49.47
6	7796.25	34.29	-95.26	-60.97	-13	-47.97

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 20300	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3490	32.01	-95.26	-63.25	-13	-50.25
2	4362.5	32.31	-95.26	-62.95	-13	-49.95
3	5235	32.15	-95.26	-63.11	-13	-50.11
4	6107.5	32.54	-95.26	-62.72	-13	-49.72
5	6980	32.97	-95.26	-62.29	-13	-49.29
6	7852.5	33.2	-95.26	-62.06	-13	-49.06
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3490	32.03	-95.26	-63.23	-13	-50.23
2	4362.5	32.57	-95.26	-62.69	-13	-49.69
3	5235	33.13	-95.26	-62.13	-13	-49.13
4	6107.5	32.47	-95.26	-62.79	-13	-49.79
5	6980	33.04	-95.26	-62.22	-13	-49.22
6	7852.5	33.98	-95.26	-61.28	-13	-48.28

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

LTE Band 12: 1.4MHz

Mode	TX channel 23017	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1399.4	31.87	-95.26	-63.39	-13	-50.39
2	1749.25	32.4	-95.26	-62.86	-13	-49.86
3	2099.1	32.75	-95.26	-62.51	-13	-49.51
4	2448.95	32.61	-95.26	-62.65	-13	-49.65
5	2798.8	32.25	-95.26	-63.01	-13	-50.01
6	3148.65	33.06	-95.26	-62.20	-13	-49.20
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1399.4	31.96	-95.26	-63.30	-13	-50.30
2	1749.25	32.87	-95.26	-62.39	-13	-49.39
3	2099.1	33	-95.26	-62.26	-13	-49.26
4	2448.95	32.46	-95.26	-62.80	-13	-49.80
5	2798.8	32.93	-95.26	-62.33	-13	-49.33
6	3148.65	33	-95.26	-62.26	-13	-49.26

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 23095	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1415	31.96	-95.26	-63.30	-13	-50.30
2	1768.75	32.98	-95.26	-62.28	-13	-49.28
3	2122.5	32.74	-95.26	-62.52	-13	-49.52
4	2476.25	32.73	-95.26	-62.53	-13	-49.53
5	2830	33.11	-95.26	-62.15	-13	-49.15
6	3183.75	33.95	-95.26	-61.31	-13	-48.31
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1415	31.42	-95.26	-63.84	-13	-50.84
2	1768.75	32.16	-95.26	-63.10	-13	-50.10
3	2122.5	32.77	-95.26	-62.49	-13	-49.49
4	2476.25	32.9	-95.26	-62.36	-13	-49.36
5	2830	32.96	-95.26	-62.30	-13	-49.30
6	3183.75	34.2	-95.26	-61.06	-13	-48.06

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 23173	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1430.6	32	-95.26	-63.26	-13	-50.26
2	1788.25	32.33	-95.26	-62.93	-13	-49.93
3	2145.9	32.3	-95.26	-62.96	-13	-49.96
4	2503.55	32.69	-95.26	-62.57	-13	-49.57
5	2861.2	32.88	-95.26	-62.38	-13	-49.38
6	3218.85	33.15	-95.26	-62.11	-13	-49.11
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1430.6	32.01	-95.26	-63.25	-13	-50.25
2	1788.25	32.53	-95.26	-62.73	-13	-49.73
3	2145.9	33.12	-95.26	-62.14	-13	-49.14
4	2503.55	32.44	-95.26	-62.82	-13	-49.82
5	2861.2	33.06	-95.26	-62.20	-13	-49.20
6	3218.85	33.94	-95.26	-61.32	-13	-48.32

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

LTE Band 12: 3MHz

Mode	TX channel 23025	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1401	32.05	-95.26	-63.21	-13	-50.21
2	1751.25	32.38	-95.26	-62.88	-13	-49.88
3	2101.5	32.72	-95.26	-62.54	-13	-49.54
4	2451.75	32.87	-95.26	-62.39	-13	-49.39
5	2802	32.83	-95.26	-62.43	-13	-49.43
6	3152.25	32.83	-95.26	-62.43	-13	-49.43
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1401	32.06	-95.26	-63.20	-13	-50.20
2	1751.25	32.72	-95.26	-62.54	-13	-49.54
3	2101.5	32.96	-95.26	-62.30	-13	-49.30
4	2451.75	32.67	-95.26	-62.59	-13	-49.59
5	2802	32.9	-95.26	-62.36	-13	-49.36
6	3152.25	33.03	-95.26	-62.23	-13	-49.23

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 23095	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1415	32.01	-95.26	-63.25	-13	-50.25
2	1768.75	32.9	-95.26	-62.36	-13	-49.36
3	2122.5	32.81	-95.26	-62.45	-13	-49.45
4	2476.25	32.63	-95.26	-62.63	-13	-49.63
5	2830	33.22	-95.26	-62.04	-13	-49.04
6	3183.75	33.94	-95.26	-61.32	-13	-48.32
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1415	31.55	-95.26	-63.71	-13	-50.71
2	1768.75	31.98	-95.26	-63.28	-13	-50.28
3	2122.5	32.78	-95.26	-62.48	-13	-49.48
4	2476.25	32.92	-95.26	-62.34	-13	-49.34
5	2830	32.79	-95.26	-62.47	-13	-49.47
6	3183.75	34.28	-95.26	-60.98	-13	-47.98

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 23165	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1429	32.09	-95.26	-63.17	-13	-50.17
2	1786.25	32.5	-95.26	-62.76	-13	-49.76
3	2143.5	32.13	-95.26	-63.13	-13	-50.13
4	2500.75	32.67	-95.26	-62.59	-13	-49.59
5	2858	32.91	-95.26	-62.35	-13	-49.35
6	3215.25	33.08	-95.26	-62.18	-13	-49.18
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1429	31.94	-95.26	-63.32	-13	-50.32
2	1786.25	32.59	-95.26	-62.67	-13	-49.67
3	2143.5	32.92	-95.26	-62.34	-13	-49.34
4	2500.75	32.48	-95.26	-62.78	-13	-49.78
5	2858	33.09	-95.26	-62.17	-13	-49.17
6	3215.25	33.94	-95.26	-61.32	-13	-48.32

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

LTE Band 12: 5MHz

Mode	TX channel 23035	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1403	31.89	-95.26	-63.37	-13	-50.37
2	1753.75	32.61	-95.26	-62.65	-13	-49.65
3	2104.5	32.67	-95.26	-62.59	-13	-49.59
4	2455.25	32.9	-95.26	-62.36	-13	-49.36
5	2806	32.05	-95.26	-63.21	-13	-50.21
6	3156.75	33.02	-95.26	-62.24	-13	-49.24
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1403	31.98	-95.26	-63.28	-13	-50.28
2	1753.75	32.68	-95.26	-62.58	-13	-49.58
3	2104.5	32.91	-95.26	-62.35	-13	-49.35
4	2455.25	32.63	-95.26	-62.63	-13	-49.63
5	2806	32.91	-95.26	-62.35	-13	-49.35
6	3156.75	33.1	-95.26	-62.16	-13	-49.16

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 23095	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1415	32.09	-95.26	-63.17	-13	-50.17
2	1768.75	32.9	-95.26	-62.36	-13	-49.36
3	2122.5	32.78	-95.26	-62.48	-13	-49.48
4	2476.25	32.7	-95.26	-62.56	-13	-49.56
5	2830	33.1	-95.26	-62.16	-13	-49.16
6	3183.75	33.81	-95.26	-61.45	-13	-48.45
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1415	31.43	-95.26	-63.83	-13	-50.83
2	1768.75	32.01	-95.26	-63.25	-13	-50.25
3	2122.5	32.71	-95.26	-62.55	-13	-49.55
4	2476.25	32.88	-95.26	-62.38	-13	-49.38
5	2830	32.97	-95.26	-62.29	-13	-49.29
6	3183.75	34.3	-95.26	-60.96	-13	-47.96

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 23155	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1427	31.93	-95.26	-63.33	-13	-50.33
2	1783.75	32.5	-95.26	-62.76	-13	-49.76
3	2140.5	32.25	-95.26	-63.01	-13	-50.01
4	2497.25	32.52	-95.26	-62.74	-13	-49.74
5	2854	32.95	-95.26	-62.31	-13	-49.31
6	3210.75	33.27	-95.26	-61.99	-13	-48.99
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1427	32.01	-95.26	-63.25	-13	-50.25
2	1783.75	32.51	-95.26	-62.75	-13	-49.75
3	2140.5	33.02	-95.26	-62.24	-13	-49.24
4	2497.25	32.52	-95.26	-62.74	-13	-49.74
5	2854	33.08	-95.26	-62.18	-13	-49.18
6	3210.75	33.96	-95.26	-61.30	-13	-48.30

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

LTE Band 12: 10MHz

Mode	TX channel 23060	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1408	32.02	-95.26	-63.24	-13	-50.24
2	1760	32.62	-95.26	-62.64	-13	-49.64
3	2112	32.59	-95.26	-62.67	-13	-49.67
4	2464	32.64	-95.26	-62.62	-13	-49.62
5	2816	32.62	-95.26	-62.64	-13	-49.64
6	3168	33.21	-95.26	-62.05	-13	-49.05
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1408	32.13	-95.26	-63.13	-13	-50.13
2	1760	32.7	-95.26	-62.56	-13	-49.56
3	2112	33.07	-95.26	-62.19	-13	-49.19
4	2464	32.62	-95.26	-62.64	-13	-49.64
5	2816	33.02	-95.26	-62.24	-13	-49.24
6	3168	33.12	-95.26	-62.14	-13	-49.14

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 23095	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1415	32.16	-95.26	-63.10	-13	-50.10
2	1768.75	32.84	-95.26	-62.42	-13	-49.42
3	2122.5	32.64	-95.26	-62.62	-13	-49.62
4	2476.25	32.79	-95.26	-62.47	-13	-49.47
5	2830	33.12	-95.26	-62.14	-13	-49.14
6	3183.75	33.79	-95.26	-61.47	-13	-48.47
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1415	31.57	-95.26	-63.69	-13	-50.69
2	1768.75	31.95	-95.26	-63.31	-13	-50.31
3	2122.5	32.66	-95.26	-62.60	-13	-49.60
4	2476.25	32.81	-95.26	-62.45	-13	-49.45
5	2830	32.85	-95.26	-62.41	-13	-49.41
6	3183.75	34.1	-95.26	-61.16	-13	-48.16

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 23130	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1422	32.03	-95.26	-63.23	-13	-50.23
2	1777.5	32.31	-95.26	-62.95	-13	-49.95
3	2133	32.12	-95.26	-63.14	-13	-50.14
4	2488.5	32.5	-95.26	-62.76	-13	-49.76
5	2844	32.91	-95.26	-62.35	-13	-49.35
6	3199.5	33.29	-95.26	-61.97	-13	-48.97
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1422	31.97	-95.26	-63.29	-13	-50.29
2	1777.5	32.45	-95.26	-62.81	-13	-49.81
3	2133	33.12	-95.26	-62.14	-13	-49.14
4	2488.5	32.59	-95.26	-62.67	-13	-49.67
5	2844	33.15	-95.26	-62.11	-13	-49.11
6	3199.5	34.02	-95.26	-61.24	-13	-48.24

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

LTE Band 13: 5MHz

Mode	TX channel 23205	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1559	31.98	-95.26	-63.28	-40	-23.28
2	1948.75	33.04	-95.26	-62.22	-13	-49.22
3	2338.5	32.85	-95.26	-62.41	-13	-49.41
4	2728.25	32.44	-95.26	-62.82	-13	-49.82
5	3118	32.67	-95.26	-62.59	-13	-49.59
6	3507.75	32.9	-95.26	-62.36	-13	-49.36
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1559	31.96	-95.26	-63.30	-40	-23.30
2	1948.75	32.78	-95.26	-62.48	-13	-49.48
3	2338.5	33.04	-95.26	-62.22	-13	-49.22
4	2728.25	32.59	-95.26	-62.67	-13	-49.67
5	3118	33.02	-95.26	-62.24	-13	-49.24
6	3507.75	33.1	-95.26	-62.16	-13	-49.16

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 23230	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1564	32.13	-95.26	-63.13	-40	-23.13
2	1955	32.78	-95.26	-62.48	-13	-49.48
3	2346	32.74	-95.26	-62.52	-13	-49.52
4	2737	32.78	-95.26	-62.48	-13	-49.48
5	3128	33.18	-95.26	-62.08	-13	-49.08
6	3519	33.84	-95.26	-61.42	-13	-48.42
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1564	31.65	-95.26	-63.61	-40	-23.61
2	1955	32.15	-95.26	-63.11	-13	-50.11
3	2346	32.74	-95.26	-62.52	-13	-49.52
4	2737	32.82	-95.26	-62.44	-13	-49.44
5	3128	32.91	-95.26	-62.35	-13	-49.35
6	3519	34.2	-95.26	-61.06	-13	-48.06

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

Mode	TX channel 23255	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1569	32.08	-95.26	-63.18	-40	-23.18
2	1961.25	32.31	-95.26	-62.95	-13	-49.95
3	2353.5	32.12	-95.26	-63.14	-13	-50.14
4	2745.75	32.49	-95.26	-62.77	-13	-49.77
5	3138	32.81	-95.26	-62.45	-13	-49.45
6	3530.25	33.26	-95.26	-62.00	-13	-49.00
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1569	32.04	-95.26	-63.22	-40	-23.22
2	1961.25	32.52	-95.26	-62.74	-13	-49.74
3	2353.5	32.95	-95.26	-62.31	-13	-49.31
4	2745.75	32.4	-95.26	-62.86	-13	-49.86
5	3138	33.1	-95.26	-62.16	-13	-49.16
6	3530.25	34.02	-95.26	-61.24	-13	-48.24

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μ V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

LTE Band 13: 10MHz

Mode	TX channel 23230	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1564	31.93	-95.26	-63.33	-40	-23.33
2	1955	32.43	-95.26	-62.83	-13	-49.83
3	2346	32.76	-95.26	-62.50	-13	-49.50
4	2737	32.92	-95.26	-62.34	-13	-49.34
5	3128	32.88	-95.26	-62.38	-13	-49.38
6	3519	33.41	-95.26	-61.85	-13	-48.85
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1564	31.94	-95.26	-63.32	-40	-23.32
2	1955	32.78	-95.26	-62.48	-13	-49.48
3	2346	32.91	-95.26	-62.35	-13	-49.35
4	2737	32.7	-95.26	-62.56	-13	-49.56
5	3128	33.02	-95.26	-62.24	-13	-49.24
6	3519	32.92	-95.26	-62.34	-13	-49.34

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dB μV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @ 3m.

5 Pictures of Test Arrangements

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

Appendix – Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

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

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

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