

## FCC Test Report (PART 27)

**Report No.:** RFBCKS-WTW-P21010640-4

**FCC ID:** NKR-WLD92

**Test Model:** WLD92

**Received Date:** Jan. 21, 2021

**Test Date:** Jan. 29 to Feb. 05, 2021

**Issued Date:** Apr. 06, 2021

**Applicant:** Wistron NeWeb Corporation

**Address:** 20 Park Ave. II, Hsinchu Science Park, Hsinchu 308, Taiwan

**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



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## Table of Contents

<b>Release Control Record .....</b>	<b>3</b>
<b>1 Certificate of Conformity .....</b>	<b>4</b>
<b>2 Summary of Test Results .....</b>	<b>5</b>
2.1 Measurement Uncertainty .....	5
2.2 Test Site and Instruments .....	6
<b>3 General Information .....</b>	<b>8</b>
3.1 General Description of EUT .....	8
3.2 Configuration of System under Test .....	10
3.2.1 Description of Support Units .....	11
3.3 Test Mode Applicability and Tested Channel Detail .....	12
3.4 EUT Operating Conditions .....	14
3.5 General Description of Applied Standards and references .....	14
<b>4 Test Types and Results .....</b>	<b>15</b>
4.1 Output Power Measurement .....	15
4.1.1 Limits of Output Power Measurement .....	15
4.1.2 Test Procedures .....	15
4.1.3 Test Setup .....	15
4.1.4 Test Results .....	16
4.2 Radiated Emission Measurement .....	27
4.2.1 Limits of Radiated Emission Measurement .....	27
4.2.2 Test Procedure .....	28
4.2.3 Deviation from Test Standard .....	28
4.2.4 Test Setup .....	29
4.2.5 Test Results .....	30
<b>5 Pictures of Test Arrangements .....</b>	<b>126</b>
<b>Appendix – Information of the Testing Laboratories .....</b>	<b>127</b>

### Release Control Record

Issue No.	Description	Date Issued
RFBCKS-WTW-P21010640-4	Original release.	Apr. 06, 2021

## 1 Certificate of Conformity

**Product:** LTE Indoor Router

**Brand:** Wistron NeWeb Corporation

**Test Model:** WLD92


**Sample Status:** Engineering sample

**Applicant:** Wistron NeWeb Corporation

**Test Date:** Jan. 29 to Feb. 05, 2021

**Standards:** FCC Part 27, Subpart H / L

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

**Prepared by :**  , **Date:** Apr. 06, 2021  
Claire Kuan / Specialist

**Approved by :**  , **Date:** Apr. 06, 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
27.50	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 -48.33dB at 7796.25MHz & 7852.5MHz.

### Note:

- Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.
- Radiated Power and Radiated Spurious Emissions test items were performed for this addendum. Other test items data refer to original test report.
- N/A: Not Applicable.

### 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) ( $\pm$ )
Radiated Emissions up to 1 GHz	9kHz ~ 30MHz	3.1 dB
	30MHz ~ 1GHz	3.1 dB
Radiated Emissions above 1 GHz	1GHz ~ 18GHz	5.1 dB
	1GHz ~ 40GHz	5.1 dB
	40GHz ~ 200GHz	5.4 dB

## 2.2 Test Site and Instruments

### For radiated spurious emissions test:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver R&S	ESR7	102026	Apr. 22, 2020	Apr. 21, 2021
Spectrum Analyzer Keysight	N9030B	MY57141948	May 22, 2020	May 21, 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 EMCI	EMC330N	980538	Apr. 28, 2020	Apr. 27, 2021
Trilog Broadband Antenna SCHWARZBECK	VULB9168	9168-0842	Nov. 03, 2020	Nov. 02, 2021
RF Cable	8D	966-5-1	Apr. 29, 2020	Apr. 28, 2021
RF Cable	8D	966-5-2	Apr. 29, 2020	Apr. 28, 2021
RF Cable	8D	966-5-3	Apr. 29, 2020	Apr. 28, 2021
Fixed attenuator Mini-Circuits	UNAT-5+	PAD-ATT5-02	Jan. 11, 2021	Jan. 10, 2022
Horn_Antenna SCHWARZBECK	BBHA 9120D	9120D-1819	Nov. 22, 2020	Nov. 21, 2021
Pre-Amplifier EMCI	EMC12630SE	980509	Apr. 29, 2020	Apr. 28, 2021
RF Cable EMCI	EMC104-SM-SM-1500	180503	Apr. 29, 2020	Apr. 28, 2021
RF Cable EMCI	EMC104-SM-SM-2000	180501	Apr. 29, 2020	Apr. 28, 2021
RF Cable EMCI	EMC104-SM-SM-6000	180506	Apr. 29, 2020	Apr. 28, 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
Boresight Antenna Tower & Turn Table Max-Full	MF-7802BS	MF780208530	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. 5.
3. Tested Date: Jan. 29, 2021

**For radiated power test:**

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
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

- 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 Indoor Router	
Brand	Wistron NeWeb Corporation	
Test Model	WLD92	
Status of EUT	Engineering sample	
Power Supply Rating	12Vdc from power adapter	
Modulation Type	QPSK, 16QAM, 64QAM	
Operating Frequency	LTE Band 4	1710.7 ~ 1754.3 MHz
	LTE Band 12	699.7 ~ 715.3 MHz
	LTE Band 66	1710.7 ~ 1779.3MHz
Max. EIRP Power	LTE Band 4 (Channel Bandwidth 1.4MHz)	25.15dBm
	LTE Band 4 (Channel Bandwidth 3MHz)	24.92dBm
	LTE Band 4 (Channel Bandwidth 5MHz)	24.94dBm
	LTE Band 4 (Channel Bandwidth 10MHz)	25.00dBm
	LTE Band 4 (Channel Bandwidth 15MHz)	24.90dBm
	LTE Band 4 (Channel Bandwidth 20MHz)	25.18dBm
	LTE Band 66 (Channel Bandwidth 1.4MHz)	25.15dBm
	LTE Band 66 (Channel Bandwidth 3MHz)	24.92dBm
	LTE Band 66 (Channel Bandwidth 5MHz)	24.94dBm
	LTE Band 66 (Channel Bandwidth 10MHz)	25.00dBm
	LTE Band 66 (Channel Bandwidth 15MHz)	24.90dBm
	LTE Band 66 (Channel Bandwidth 20MHz)	25.18dBm
Max. ERP Power	LTE Band 12 (Channel Bandwidth 1.4MHz)	21.65dBm
	LTE Band 12 (Channel Bandwidth 3MHz)	21.60dBm
	LTE Band 12 (Channel Bandwidth 5MHz)	21.61dBm
	LTE Band 12 (Channel Bandwidth 10MHz)	21.63dBm



Antenna Type	Refer to Note
Antenna Connector	Refer to Note
Accessory Device	Power adapter x 1
Data Cable Supplied	RJ45 cable (Unshielded, 1.8m)

Note:

1. Equivalent Isotropically Radiated Power and Radiated Spurious Emission tests were performed. Other testing please refer to original test report, FCC ID: XMR201807EG06A (Brand: Quectel, Model: EG-06A)
2. The WWAN module supports more bands than have been reported for this application as following, these bands have been permanently disabled by software.

Disabled bands: WCDMA B2/ B4/ B5, LTE B7/ B13/ B25/ B26/ B30.

3. Simultaneously transmission condition.

Condition	Technology		
1	WLAN (2.4GHz)	WLAN (5GHz)	WWAN

Note: The emission of the simultaneous operation has been evaluated and no non-compliance was found.

4. The EUT must be supplied with a power adapter as following table:

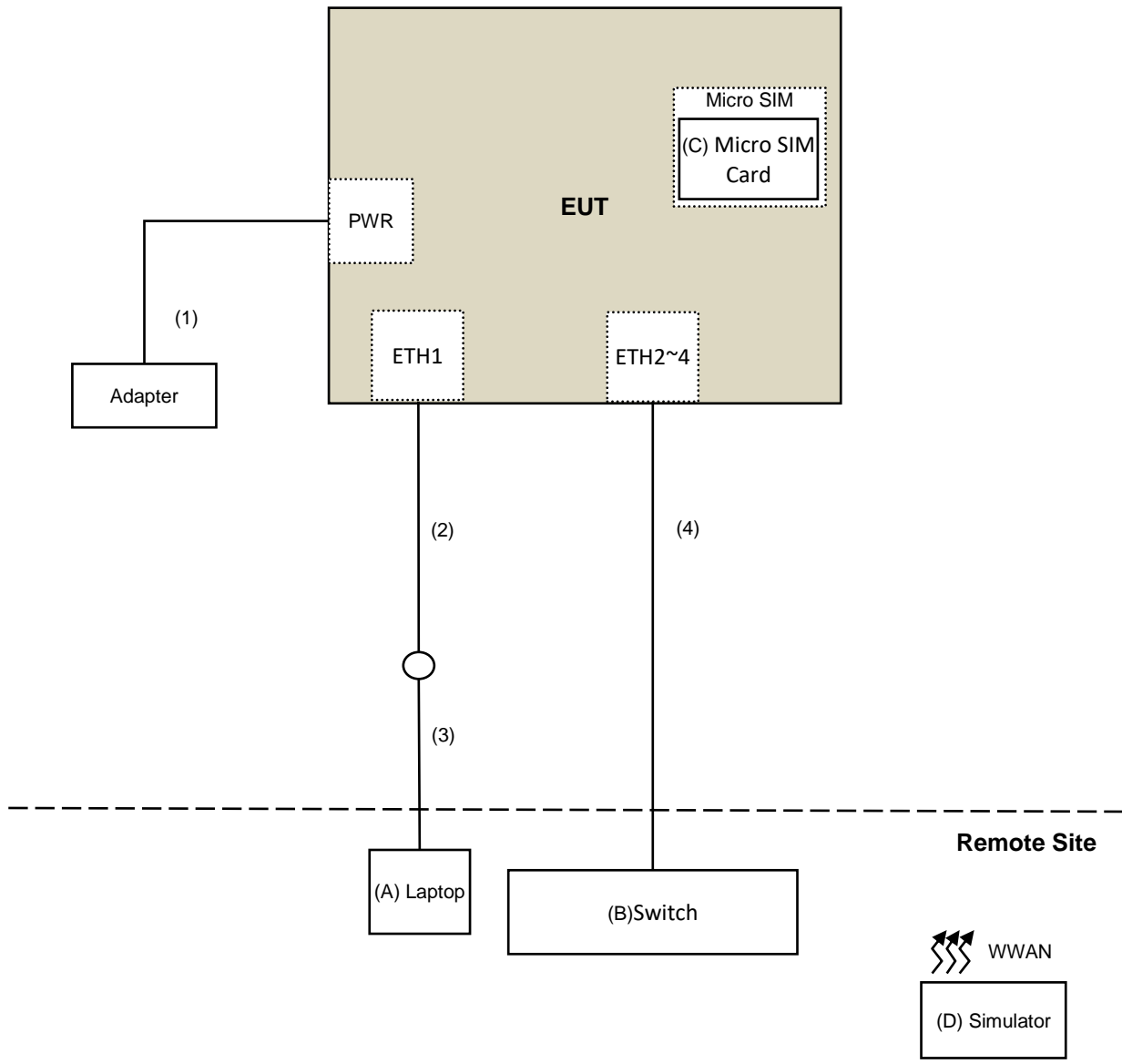
Brand	Model No.	Spec.
SHENZHEN FRECOM	F12L30-120100SPAU	Input: 100-240 Vac, 0.3 A, 50/60 Hz Output: 12 Vdc, 1.0 A DC output cable (unshielded, 1.5 m)

5. The antennas provided to the EUT, please refer to the following table:

Antenna No.	RF Chain No.	Antenna Net Gain (dBi)	Frequency Range	Antenna Type	Connector Type
1 (LTE)	Chain0	2.3	1850~1910 MHz	PIFA	None
		1.9	1710~1755 MHz		
		1.8	824~849 MHz		
		0.4	698~716 MHz		
		1.9	1710~1780 MHz		
2 (LTE)	Chain1 (RX only)	-	-	PIFA	None
3 (WLAN)	Chain0	2.1	2.4~2.4835 GHz	PIFA	None
		3.7	5.15~5.85 GHz		
4 (WLAN)	Chain1	2.9	2.4~2.4835 GHz	PIFA	None

6. 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.
7. 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	Inspiron 7570	DW3CSJ2	NA	Provided by Lab
B.	Switch	D-Link	DGS-1005D	DR8WC92000523	NA	Provided by Lab
C.	SIM Card	R&S	CRT-Z3	NA	NA	Provided by Lab
D.	Simulator	R&S	CMU200	121040	NA	Provided by Lab

Note:

1. All power cords of the above support units are non-shielded (1.8m).

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	1.8	No	0	Supplied by client
3.	RJ-45 Cable	1	10	No	0	Provided by Lab
4.	RJ-45 Cable	3	10	No	0	Provided by Lab

### 3.3 Test Mode Applicability and Tested Channel Detail

#### LTE Band 4

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
EIRP	19957 to 20393	19957, 20175, 20393	1.4MHz	QPSK/16QAM/64QAM	1RB / 0 RB offset
	19965 to 20385	19965, 20175, 20385	3MHz	QPSK/16QAM/64QAM	1RB / 0 RB offset
	19975 to 20375	19975, 20175, 20375	5MHz	QPSK/16QAM/64QAM	1RB / 0 RB offset
	20000 to 20350	20000, 20175, 20350	10MHz	QPSK/16QAM/64QAM	1RB / 0 RB offset
	20025 to 20325	20025, 20175, 20325	15MHz	QPSK/16QAM/64QAM	1RB / 0 RB offset
	20050 to 20300	20050, 20175, 20300	20MHz	QPSK/16QAM/64QAM	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

#### LTE Band 12

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
ERP	23017 to 23173	23017, 23095, 23173	1.4MHz	QPSK/16QAM/64QAM	1RB / 0 RB offset
	23025 to 23165	23025, 23095, 23165	3MHz	QPSK/16QAM/64QAM	1RB / 0 RB offset
	23035 to 23155	23035, 23095, 23155	5MHz	QPSK/16QAM/64QAM	1RB / 0 RB offset
	23060 to 23130	23060, 23095, 23130	10MHz	QPSK/16QAM/64QAM	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 66

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
EIRP	131979 to 132665	131979, 132322, 132665	1.4MHz	QPSK/16QAM/64QAM	1 RB / 0 RB Offset
	131987 to 132657	131987, 132322, 132657	3MHz	QPSK/16QAM/64QAM	1 RB / 0 RB Offset
	131997 to 132647	131997, 132322, 132647	5MHz	QPSK/16QAM/64QAM	1 RB / 0 RB Offset
	132022 to 132622	132022, 132322, 132622	10MHz	QPSK/16QAM/64QAM	1 RB / 0 RB Offset
	132047 to 132597	132047, 132322, 132597	15MHz	QPSK/16QAM/64QAM	1 RB / 0 RB Offset
	132072 to 132572	132072, 132322, 132572	20MHz	QPSK/16QAM/64QAM	1 RB / 0 RB Offset
Radiated Emission	131979 to 132665	131979, 132322, 132665	1.4MHz	QPSK	1 RB / 0 RB Offset
	131987 to 132657	131987, 132322, 132657	3MHz	QPSK	1 RB / 0 RB Offset
	131997 to 132647	131997, 132322, 132647	5MHz	QPSK	1 RB / 0 RB Offset
	132022 to 132622	132022, 132322, 132622	10MHz	QPSK	1 RB / 0 RB Offset
	132047 to 132597	132047, 132322, 132597	15MHz	QPSK	1 RB / 0 RB Offset
	132072 to 132572	132072, 132322, 132572	20MHz	QPSK	1 RB / 0 RB Offset

**Test Condition:**

Test Item	Environmental Conditions	Input Power	Tested By
EIRP/ERP	25deg. C, 62%RH	120Vac, 60Hz	JyunChun Lin
Radiated Emission Below 1GHz	25deg. C, 75%RH	120Vac, 60Hz	Ryan Du
Radiated Emission Above 1GHz	25deg. C, 75%RH	120Vac, 60Hz	Ryan Du

**NOTE:**

1. All supported modulation types were evaluated. The Worst case of QPSK was selected. Therefore, the Radiated Emission were presented under QPSK mode only.
2. The EUT had been pre-tested on the positioned of each 3 axis. The worst case was found when positioned on Y-plane.

### **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 and references**

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

**Test standard:**

**FCC 47 CFR Part 2**

**FCC 47 CFR Part 27, Subpart 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 Band 4 / Band 66:

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 Band 12:

For section 27.50 (c)(10): Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP.

#### 4.1.2 Test Procedures

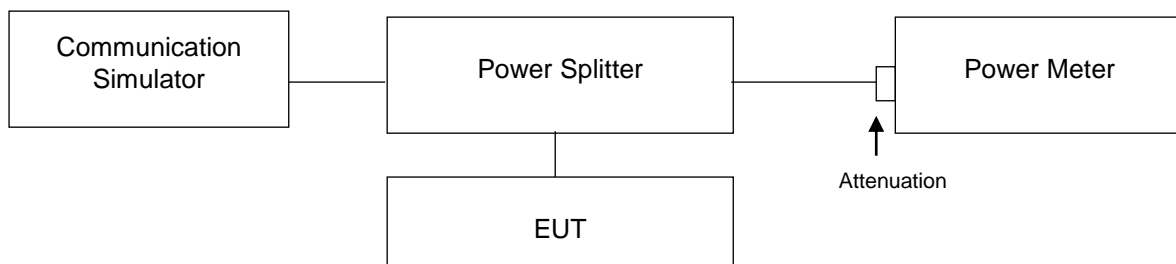
##### Conducted Power Measurement:

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:

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

#### 4.1.3 Test Setup



#### 4.1.4 Test Results

### CONDUCTED OUTPUT POWER (dBm)

#### LTE Band 4

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			19957	20175	20393		19957	20175	20393		19957	20175	20393	
			1710.7	1732.5	1754.3		1710.7	1732.5	1754.3		1710.7	1732.5	1754.3	
			MHz	MHz	MHz				MHz	MHz	MHz			
4 / 1.4M	1	0	23.22	23.02	22.93	0	22.38	22.36	22.25	1	22.08	21.95	20.95	2
	1	2	23.25	23.00	23.00	0	22.30	22.35	22.26	1	22.16	22.03	21.99	2
	1	5	23.11	22.96	22.86	0	22.33	22.21	22.11	1	22.02	21.92	21.94	2
	3	0	23.08	23.05	22.94	0	22.28	22.18	22.14	1	21.94	22.05	21.90	2
	3	1	23.20	23.02	22.96	0	22.32	22.23	22.18	1	21.96	22.01	21.93	2
	3	3	23.17	23.00	23.01	0	22.21	22.04	22.10	1	21.99	21.94	21.90	2
	6	0	22.04	22.01	22.00	1	21.04	21.03	21.11	2	20.86	20.96	20.91	3

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			19965	20175	20385		19965	20175	20385		19965	20175	20385	
			1711.5	1732.5	1753.5		1711.5	1732.5	1753.5		1711.5	1732.5	1753.5	
			MHz	MHz	MHz				MHz	MHz	MHz			
4 / 3M	1	0	22.99	23.02	22.98	0	22.31	22.19	22.20	1	22.02	22.08	22.00	2
	1	7	22.96	22.99	22.99	0	22.25	22.25	22.23	1	21.94	22.02	22.02	2
	1	14	22.92	22.94	22.80	0	22.20	22.33	22.08	1	21.92	21.99	21.92	2
	8	0	22.05	22.01	21.94	1	21.06	21.08	21.02	2	20.94	21.03	20.81	3
	8	3	22.03	22.03	22.02	1	21.08	21.02	20.94	2	20.91	21.00	20.97	3
	8	7	21.97	22.02	21.99	1	21.05	21.01	21.02	2	21.00	20.93	20.94	3
	15	0	22.01	22.00	21.97	1	21.00	21.02	21.00	2	21.02	20.99	20.91	3

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			19975	20175	20375		19975	20175	20375		19975	20175	20375	
			1712.5	1732.5	1752.5		1712.5	1732.5	1752.5		1712.5	1732.5	1752.5	
			MHz	MHz	MHz				MHz	MHz	MHz			
4 / 5M	1	0	23.04	23.02	22.93	0	22.30	22.21	22.23	1	22.28	22.18	22.05	2
	1	12	23.00	22.89	22.85	0	22.22	22.29	22.20	1	22.32	22.15	22.01	2
	1	24	22.85	22.80	22.88	0	22.11	22.02	22.11	1	22.15	22.00	21.96	2
	12	0	21.92	22.96	21.94	1	21.02	21.00	20.96	2	21.08	21.04	21.02	3
	12	6	22.05	22.92	21.90	1	21.03	21.03	21.00	2	21.07	21.02	20.98	3
	12	13	21.95	21.83	21.86	1	20.96	20.96	20.93	2	21.02	20.92	20.99	3
	25	0	21.99	22.91	21.89	1	20.99	20.91	20.86	2	21.16	20.96	20.91	3



Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			20000	20175	20350		20000	20175	20350		20000	20175	20350	
			1715	1732.5	1750		1715	1732.5	1750		1715	1732.5	1750	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
4 / 10M	1	0	23.09	23.10	23.08	0	22.31	22.28	22.30	1	22.35	22.40	22.28	2
	1	24	22.94	22.93	22.94	0	22.08	22.01	22.15	1	22.15	22.18	21.99	2
	1	49	22.83	22.86	22.85	0	22.15	22.15	22.16	1	22.21	22.02	22.02	2
	25	0	22.02	22.00	21.99	1	21.00	20.96	20.94	2	21.30	21.21	21.01	3
	25	12	22.00	21.99	22.02	1	20.94	20.85	20.96	2	21.28	21.11	21.04	3
	25	25	21.94	21.86	21.89	1	20.82	20.77	20.89	2	21.15	21.05	20.99	3
	50	0	22.02	21.98	21.98	1	20.99	20.89	20.99	2	21.11	21.00	21.03	3

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			20025	20175	20325		20025	20175	20325		20025	20175	20325	
			1717.5	1732.5	1747.5		1717.5	1732.5	1747.5		1717.5	1732.5	1747.5	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
4 / 15M	1	0	22.97	22.98	23.00	0	22.25	22.28	22.31	1	22.35	22.08	22.28	2
	1	37	22.35	22.35	22.35	0	21.72	21.80	21.72	1	21.68	21.62	21.35	2
	1	74	22.69	22.50	22.58	0	21.90	21.83	21.82	1	22.00	20.75	21.71	2
	36	0	21.71	21.62	21.72	1	20.63	20.55	20.69	2	20.82	20.71	20.80	3
	36	19	21.42	21.51	21.50	1	20.41	20.35	20.41	2	20.61	20.59	20.51	3
	36	39	21.50	21.45	21.52	1	20.40	20.33	20.43	2	20.59	20.52	20.52	3
	75	0	21.54	21.57	21.62	1	20.47	20.51	20.58	2	20.63	20.64	20.63	3

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			20050	20175	20300		20050	20175	20300		20050	20175	20300	
			1720	1732.5	1745		1720	1732.5	1745		1720	1732.5	1745	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
4 / 20M	1	0	23.28	23.19	23.27	0	22.52	22.45	22.55	1	22.45	22.32	22.45	2
	1	50	22.29	22.35	22.36	0	21.48	21.60	21.62	1	21.52	21.40	21.65	2
	1	99	2.62	22.62	22.72	0	21.91	21.85	22.06	1	21.91	21.74	21.93	2
	50	0	21.70	21.58	21.73	1	20.70	20.61	20.81	2	20.81	20.65	20.92	3
	50	25	21.31	21.38	21.55	1	20.35	20.33	20.51	2	20.55	20.48	20.63	3
	50	50	21.50	21.29	21.45	1	20.36	20.29	20.45	2	20.62	20.44	20.55	3
	100	0	21.52	21.48	21.68	1	20.42	20.51	20.69	2	20.70	20.69	20.78	3

### LTE Band 12

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			23017	23095	23173		23017	23095	23173		23017	23095	23173	
			699.7	707.5	715.3		699.7	707.5	715.3		699.7	707.5	715.3	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
12 / 1.4M	1	0	23.28	23.31	23.11	0	22.40	22.50	22.42	1	22.32	22.43	22.26	2
	1	2	23.25	23.29	23.30	0	22.61	22.41	22.51	1	22.45	22.40	22.41	2
	1	5	23.18	23.28	23.25	0	22.43	22.43	22.43	1	22.31	22.44	22.39	2
	3	0	23.27	23.30	23.28	0	22.35	22.35	22.33	1	22.40	22.35	22.24	2
	3	1	23.40	23.32	23.25	0	22.48	22.42	22.45	1	22.51	22.40	22.48	2
	3	3	23.29	23.33	23.27	0	22.35	22.45	22.35	1	22.30	22.36	22.35	2
	6	0	22.36	23.31	23.30	1	21.42	21.39	21.44	2	21.42	21.35	21.40	3

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			23025	23095	23165		23025	23095	23165		23025	23095	23165	
			700.5	707.5	714.5		700.5	707.5	714.5		700.5	707.5	714.5	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
12 / 3M	1	0	23.29	23.35	23.25	0	22.52	22.55	22.42	1	22.41	22.45	22.41	2
	1	7	23.28	23.33	23.20	0	22.55	22.60	22.54	1	22.43	22.48	22.38	2
	1	14	23.22	23.25	23.26	0	22.45	22.50	22.42	1	22.40	22.40	22.45	2
	8	0	22.50	22.48	22.44	1	21.60	21.51	21.46	2	21.60	21.55	21.52	3
	8	3	22.48	22.45	22.38	1	21.51	21.42	21.40	2	21.51	21.52	21.43	3
	8	7	22.42	22.43	22.40	1	21.46	21.44	21.43	2	21.50	21.46	21.50	3
	15	0	22.40	22.31	22.33	1	21.38	21.37	21.35	2	21.43	21.40	21.45	3

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			23035	23095	23155		23035	23095	23155		23035	23095	23155	
			701.5	707.5	713.5		701.5	707.5	713.5		701.5	707.5	713.5	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
12 / 5M	1	0	23.31	23.25	23.31	0	22.62	22.62	22.55	1	22.60	22.42	22.52	2
	1	12	23.36	23.31	23.20	0	22.55	22.60	22.41	1	22.40	22.46	22.35	2
	1	24	23.25	23.28	23.22	0	22.42	22.55	22.56	1	22.35	22.50	22.30	2
	12	0	22.45	22.49	22.41	1	21.45	21.45	21.42	2	21.50	21.48	21.48	3
	12	6	22.47	22.41	22.35	1	21.54	21.47	21.40	2	21.52	21.44	21.35	3
	12	13	22.35	22.32	22.31	1	21.44	21.35	21.38	2	21.42	21.40	21.38	3
	25	0	22.50	22.43	22.46	1	21.45	21.37	21.43	2	21.48	21.46	21.51	3

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			23060	23095	23130		23060	23095	23130		23060	23095	23130	
			704	707.5	711		704	707.5	711		704	707.5	711	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
12 / 10M	1	0	23.30	23.29	23.38	0	22.56	22.63	22.56	1	22.65	22.52	22.45	2
	1	24	23.29	23.25	23.35	0	22.45	22.48	22.52	1	22.48	22.51	22.49	2
	1	49	23.25	23.15	23.14	0	22.48	22.35	22.51	1	22.40	22.30	22.33	2
	25	0	22.49	22.45	22.40	1	21.48	21.41	21.40	2	21.55	21.44	21.42	3
	25	12	22.43	22.48	22.51	1	21.35	21.42	21.45	2	21.42	21.49	21.51	3
	25	25	22.45	22.40	22.50	1	21.33	21.35	21.41	2	21.40	21.45	21.49	3
	50	0	22.47	22.43	22.52	1	21.30	21.40	21.38	2	21.45	21.50	21.44	3

### LTE Band 66

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			131979	132322	132665		131979	132322	132665		131979	132322	132665	
			1710.7 MHz	1745 MHz	1779.3 MHz		1710.7 MHz	1745 MHz	1779.3 MHz		1710.7 MHz	1745 MHz	1779.3 MHz	
66 / 1.4M	1	0	23.22	23.02	22.93	0	22.38	22.36	22.25	1	22.08	21.95	20.95	2
	1	2	23.25	23.00	23.00	0	22.30	22.35	22.26	1	22.16	22.03	21.99	2
	1	5	23.11	22.96	22.86	0	22.33	22.21	22.11	1	22.02	21.92	21.94	2
	3	0	23.08	23.05	22.94	0	22.28	22.18	22.14	1	21.94	22.05	21.90	2
	3	1	23.20	23.02	22.96	0	22.32	22.23	22.18	1	21.96	22.01	21.93	2
	3	3	23.17	23.00	23.01	0	22.21	22.04	22.10	1	21.99	21.94	21.90	2
	6	0	22.04	22.01	22.00	1	21.04	21.03	21.11	2	20.86	20.96	20.91	3

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			131987	132322	132657		131987	132322	132657		131987	132322	132657	
			1711.5 MHz	1745 MHz	1778.5 MHz		1711.5 MHz	1745 MHz	1778.5 MHz		1711.5 MHz	1745 MHz	1778.5 MHz	
66 / 3M	1	0	22.99	23.02	22.98	0	22.31	22.19	22.20	1	22.02	22.08	22.00	2
	1	7	22.96	22.99	22.99	0	22.25	22.25	22.23	1	21.94	22.02	22.02	2
	1	14	22.92	22.94	22.80	0	22.20	22.33	22.08	1	21.92	21.99	21.92	2
	8	0	22.05	22.01	21.94	1	21.06	21.08	21.02	2	20.94	21.03	20.81	3
	8	3	22.03	22.03	22.02	1	21.08	21.02	20.94	2	20.91	21.00	20.97	3
	8	7	21.97	22.02	21.99	1	21.05	21.01	21.02	2	21.00	20.93	20.94	3
	15	0	22.01	22.00	21.97	1	21.00	21.02	21.00	2	21.02	20.99	20.91	3

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			131997	132322	132647		131997	132322	132647		131997	132322	132647	
			1712.5 MHz	1745 MHz	1777.5 MHz		1712.5 MHz	1745 MHz	1777.5 MHz		1712.5 MHz	1745 MHz	1777.5 MHz	
66 / 5M	1	0	23.04	23.02	22.93	0	22.30	22.21	22.23	1	22.28	22.18	22.05	2
	1	12	23.00	22.89	22.85	0	22.22	22.29	22.20	1	22.32	22.15	22.01	2
	1	24	22.85	22.80	22.88	0	22.11	22.02	22.11	1	22.15	22.00	21.96	2
	12	0	21.92	22.96	21.94	1	21.02	21.00	20.96	2	21.08	21.04	21.02	3
	12	6	22.05	22.92	21.90	1	21.03	21.03	21.00	2	21.07	21.02	20.98	3
	12	13	21.95	21.83	21.86	1	20.96	20.96	20.93	2	21.02	20.92	20.99	3
	25	0	21.99	22.91	21.89	1	20.99	20.91	20.86	2	21.16	20.96	20.91	3

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			132022	132322	132622		132022	132322	132622		132022	132322	132622	
			1715	1745	1775		1715	1745	1775		1715	1745	1775	
			MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz		
66 / 10M	1	0	23.09	23.10	23.08	0	22.31	22.28	22.30	1	22.35	22.40	22.28	2
	1	24	22.94	22.93	22.94	0	22.08	22.01	22.15	1	22.15	22.18	21.99	2
	1	49	22.83	22.86	22.85	0	22.15	22.15	22.16	1	22.21	22.02	22.02	2
	25	0	22.02	22.00	21.99	1	21.00	20.96	20.94	2	21.30	21.21	21.01	3
	25	12	22.00	21.99	22.02	1	20.94	20.85	20.96	2	21.28	21.11	21.04	3
	25	25	21.94	21.86	21.89	1	20.82	20.77	20.89	2	21.15	21.05	20.99	3
	50	0	22.02	21.98	21.98	1	20.99	20.89	20.99	2	21.11	21.00	21.03	3

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			132047	132322	132597		132047	132322	132597		132047	132322	132597	
			1717.5	1745	1772.5		1717.5	1745	1772.5		1717.5	1745	1772.5	
			MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz		
66 / 15M	1	0	22.97	22.98	23.00	0	22.25	22.28	22.31	1	22.35	22.08	22.28	2
	1	37	22.35	22.35	22.35	0	21.72	21.80	21.72	1	21.68	21.62	21.35	2
	1	74	22.69	22.50	22.58	0	21.90	21.83	21.82	1	22.00	20.75	21.71	2
	36	0	21.71	21.62	21.72	1	20.63	20.55	20.69	2	20.82	20.71	20.80	3
	36	19	21.42	21.51	21.50	1	20.41	20.35	20.41	2	20.61	20.59	20.51	3
	36	39	21.50	21.45	21.52	1	20.40	20.33	20.43	2	20.59	20.52	20.52	3
	75	0	21.54	21.57	21.62	1	20.47	20.51	20.58	2	20.63	20.64	20.63	3

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			132072	132322	132572		132072	132322	132572		132072	132322	132572	
			1720	1745	1770		1720	1745	1770		1720	1745	1770	
			MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz		
66 / 20M	1	0	23.28	23.19	23.27	0	22.52	22.45	22.55	1	22.45	22.32	22.45	2
	1	50	22.29	22.35	22.36	0	21.48	21.60	21.62	1	21.52	21.40	21.65	2
	1	99	2.62	22.62	22.72	0	21.91	21.85	22.06	1	21.91	21.74	21.93	2
	50	0	21.70	21.58	21.73	1	20.70	20.61	20.81	2	20.81	20.65	20.92	3
	50	25	21.31	21.38	21.55	1	20.35	20.33	20.51	2	20.55	20.48	20.63	3
	50	50	21.50	21.29	21.45	1	20.36	20.29	20.45	2	20.62	20.44	20.55	3
	100	0	21.52	21.48	21.68	1	20.42	20.51	20.69	2	20.70	20.69	20.78	3

## EIRP / ERP POWER

### LTE Band 4

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			19957	20175	20393		19957	20175	20393		19957	20175	20393	
			1710.7 MHz	1732.5 MHz	1754.3 MHz		1710.7 MHz	1732.5 MHz	1754.3 MHz		1710.7 MHz	1732.5 MHz	1754.3 MHz	
4 / 1.4M	1	2	23.25	23.05	23.01	0	22.38	22.36	22.26	1	22.16	22.05	21.99	2
Gain (dBi)		1.9	1.9	1.9	1.9		1.9	1.9	1.9					
Max EIRP Power (dBm)		25.15	24.95	24.91	24.28		24.26	24.16	24.06		23.95	23.89		

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			19965	20175	20385		19965	20175	20385		19965	20175	20385	
			1711.5 MHz	1732.5 MHz	1753.5 MHz		1711.5 MHz	1732.5 MHz	1753.5 MHz		1711.5 MHz	1732.5 MHz	1753.5 MHz	
4 / 3M	1	0	22.99	23.02	22.99	0	22.31	22.33	22.23	1	22.02	22.08	22.02	2
Gain (dBi)		1.9	1.9	1.9	1.9		1.9	1.9						
Max EIRP Power (dBm)		24.89	24.92	24.89	24.21		24.23	24.13	23.92		23.98	23.92		

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			19975	20175	20375		19975	20175	20375		19975	20175	20375	
			1712.5 MHz	1732.5 MHz	1752.5 MHz		1712.5 MHz	1732.5 MHz	1752.5 MHz		1712.5 MHz	1732.5 MHz	1752.5 MHz	
4 / 5M	1	0	23.04	23.02	22.93	0	22.30	22.29	22.23	1	22.32	22.18	22.05	2
Gain (dBi)		1.9	1.9	1.9	1.9		1.9	1.9						
Max EIRP Power (dBm)		24.94	24.92	24.83	24.20		24.19	24.13	24.22		24.08	23.95		

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			20000	20175	20350		20000	20175	20350		20000	20175	20350	
			1715 MHz	1732.5 MHz	1750 MHz		1715 MHz	1732.5 MHz	1750 MHz		1715 MHz	1732.5 MHz	1750 MHz	
4 / 10M	1	0	23.09	23.10	23.08	0	22.31	22.28	22.30	1	22.35	22.40	22.28	2
Gain (dBi)		1.9	1.9	1.9	1.9		1.9	1.9						
Max EIRP Power (dBm)		24.99	25.00	24.98	24.21		24.18	24.20	24.25		24.30	24.18		

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			20025	20175	20325		20025	20175	20325		20025	20175	20325	
			1717.5	1732.5	1747.5		1717.5	1732.5	1747.5		1717.5	1732.5	1747.5	
			MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz			
4 / 15M	1	0	22.97	22.98	23.00	0	22.25	22.28	22.31	1	22.35	22.08	22.28	2
Gain (dBi)			1.9	1.9	1.9		1.9	1.9	1.9		1.9	1.9	1.9	
Max EIRP Power (dBm)			24.87	24.88	24.90		24.15	24.18	24.21		24.25	23.98	24.18	

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			20050	20175	20300		20050	20175	20300		20050	20175	20300	
			1720	1732.5	1745		1720	1732.5	1745		1720	1732.5	1745	
			MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz				
4 / 20M	1	0	23.28	23.19	23.27	0	22.52	22.45	22.55	1	22.45	22.32	22.45	2
Gain (dBi)			1.9	1.9	1.9		1.9	1.9	1.9		1.9	1.9		
Max EIRP Power (dBm)			25.18	25.09	25.17		24.42	24.35	24.45		24.35	24.22	24.35	

### LTE Band 12

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			23017	23095	23173		23017	23095	23173		23017	23095	23173	
			699.7	707.5	715.3		699.7	707.5	715.3		699.7	707.5	715.3	
			MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz			
12/1.4M	1	0	23.40	23.33	23.30	0	22.61	22.50	22.51	1	22.51	22.44	22.48	2
Gain (dBi)			0.4	0.4	0.4		0.4	0.4	0.4		0.4	0.4	0.4	
Max ERP Power (dBm)			21.65	21.58	21.55		20.86	20.75	20.76		20.76	20.69	20.73	

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			23025	23095	23165		23025	23095	23165		23025	23095	23165	
			700.5	707.5	714.5		700.5	707.5	714.5		700.5	707.5	714.5	
			MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz				
12/3M	1	0	23.29	23.35	23.26	0	22.55	22.60	22.54	1	22.43	22.48	22.45	2
Gain (dBi)			0.4	0.4	0.4		0.4	0.4	0.4		0.4	0.4		
Max ERP Power (dBm)			21.54	21.60	21.51		20.80	20.85	20.79		20.68	20.73	20.70	

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			23035	23095	23155		23035	23095	23155		23035	23095	23155	
			701.5	707.5	713.5		701.5	707.5	713.5		701.5	707.5	713.5	
			MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz				
12/5M	1	0	23.36	23.31	23.31	0	22.62	22.62	22.56	1	22.60	22.50	22.52	2
Gain (dBi)			0.4	0.4	0.4		0.4	0.4	0.4		0.4	0.4		
Max ERP Power (dBm)			21.61	21.56	21.56		20.87	20.87	20.81		20.85	20.75	20.77	

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			23060	23095	23130		23060	23095	23130		23060	23095	23130	
			704	707.5	711		704	707.5	711		704	707.5	711	
			MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz				
12/10M	1	0	23.30	23.29	23.38	0	22.56	22.63	22.56	1	22.65	22.52	22.49	2
Gain (dBi)			0.4	0.4	0.4		0.4	0.4	0.4		0.4	0.4		
Max ERP Power (dBm)			21.55	21.54	21.63		20.81	20.88	20.81		20.90	20.77	20.74	



**LTE Band 66**

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			131979	132322	132665		131979	132322	132665		131979	132322	132665	
			1710.7	1745	1779.3		1710.7	1745	1779.3		1710.7	1745	1779.3	
			MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz			
66 / 1.4M	1	0	23.25	23.05	23.01	0	22.38	22.36	22.26	1	22.16	22.05	21.99	2
Gain (dBi)			1.9	1.9	1.9		1.9	1.9	1.9		1.9	1.9	1.9	
Max EIRP Power (dBm)			25.15	24.95	24.91		24.28	24.26	24.16		24.06	23.95	23.89	

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			131987	132322	132657		131987	132322	132657		131987	132322	132657	
			1711.5	1745	1778.5		1711.5	1745	1778.5		1711.5	1745	1778.5	
			MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz				
66 / 3M	1	0	22.99	23.02	22.99	0	22.31	22.33	22.23	1	22.02	22.08	22.02	2
Gain (dBi)			1.9	1.9	1.9		1.9	1.9	1.9		1.9	1.9		
Max EIRP Power (dBm)			24.89	24.92	24.89		24.21	24.23	24.13		23.92	23.98	23.92	

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			131997	132322	132647		131997	132322	132647		131997	132322	132647	
			1712.5	1745	1777.5		1712.5	1745	1777.5		1712.5	1745	1777.5	
			MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz				
66 / 5M	1	0	23.04	23.02	22.93	0	22.30	22.29	22.23	1	22.32	22.18	22.05	2
Gain (dBi)			1.9	1.9	1.9		1.9	1.9	1.9		1.9	1.9		
Max EIRP Power (dBm)			24.94	24.92	24.83		24.20	24.19	24.13		24.22	24.08	23.95	

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			132022	132322	132622		132022	132322	132622		132022	132322	132622	
			1715	1745	1775		1715	1745	1775		1715	1745	1775	
			MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz				
66 / 10M	1	0	23.09	23.10	23.08	0	22.31	22.28	22.30	1	22.35	22.40	22.28	2
Gain (dBi)			1.9	1.9	1.9		1.9	1.9	1.9		1.9	1.9		
Max EIRP Power (dBm)			24.99	25.00	24.98		24.21	24.18	24.20		24.25	24.30	24.18	

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			132047	132322	132597		132047	132322	132597		132047	132322	132597	
			1717.5	1745	1772.5		1717.5	1745	1772.5		1717.5	1745	1772.5	
			MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz			
66 / 15M	1	0	22.97	22.98	23.00	0	22.25	22.28	22.31	1	22.35	22.08	22.28	2
Gain (dBi)			1.9	1.9	1.9		1.9	1.9	1.9		1.9	1.9	1.9	
Max EIRP Power (dBm)			24.87	24.88	24.90		24.15	24.18	24.21		24.25	23.98	24.18	

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			132072	132322	132572		132072	132322	132572		132072	132322	132572	
			1720	1745	1770		1720	1745	1770		1720	1745	1770	
			MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz			
66 / 20M	1	0	23.28	23.19	23.27	0	22.52	22.45	22.55	1	22.45	22.32	22.45	2
Gain (dBi)			1.9	1.9	1.9		1.9	1.9	1.9		1.9	1.9		
Max EIRP Power (dBm)			25.18	25.09	25.17		24.42	24.35	24.45		24.35	24.22	24.35	

## 4.2 Radiated Emission Measurement

### 4.2.1 Limits of Radiated Emission Measurement

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  $43 + 10 \log_{10} (P)$  dB.

#### 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), Emission Value (dBm) = Read Value (dB $\mu$ V/m) - Correction Factor @ 3m
- e. Correction Factor (dB) @ 3m =  $20\log(D) - 104.8$ ; where D is the measurement distance @3m = -95.26dB

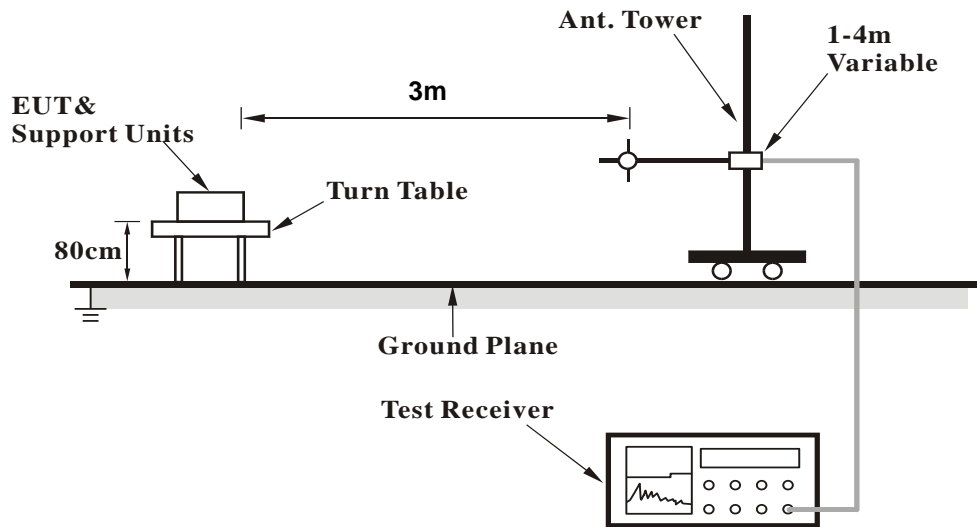
**NOTE:** The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.

#### 4.2.3 Deviation from Test Standard

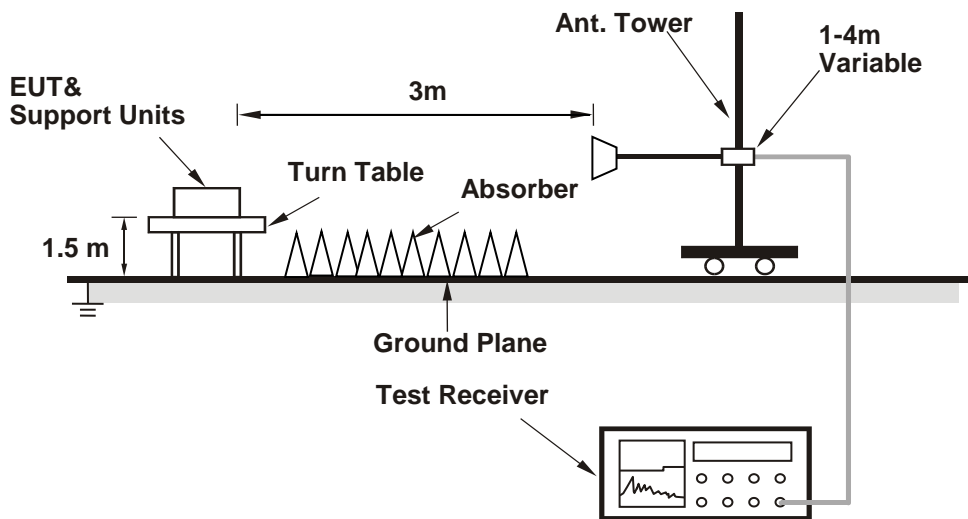
No deviation.

#### 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

#### LTE Band 4: 1.4MHz

Mode	TX channel 19957	Frequency Range	Below 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.6	28.36	-95.26	-66.90	-13	-53.90
2	109.13	23.41	-95.26	-71.85	-13	-58.85
3	149.49	23.89	-95.26	-71.37	-13	-58.37
4	197.14	27.3	-95.26	-67.96	-13	-54.96
5	310.32	23.11	-95.26	-72.15	-13	-59.15
6	485.28	27.35	-95.26	-67.91	-13	-54.91
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.55	31.74	-95.26	-63.52	-13	-50.52
2	47.5	28.81	-95.26	-66.45	-13	-53.45
3	106.91	24.42	-95.26	-70.84	-13	-57.84
4	159.75	25.24	-95.26	-70.02	-13	-57.02
5	197.68	22.01	-95.26	-73.25	-13	-60.25
6	380.58	25.41	-95.26	-69.85	-13	-56.85

#### Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB  $\mu$  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
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.68	28.98	-95.26	-66.28	-13	-53.28
2	108.74	23.85	-95.26	-71.41	-13	-58.41
3	149.01	23.49	-95.26	-71.77	-13	-58.77
4	196.68	26.45	-95.26	-68.81	-13	-55.81
5	310.3	23.19	-95.26	-72.07	-13	-59.07
6	485.81	27.81	-95.26	-67.45	-13	-54.45

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.78	32.27	-95.26	-62.99	-13	-49.99
2	47.78	29.71	-95.26	-65.55	-13	-52.55
3	105.99	23.94	-95.26	-71.32	-13	-58.32
4	160.47	25.64	-95.26	-69.62	-13	-56.62
5	197.52	22.35	-95.26	-72.91	-13	-59.91
6	380.6	25.63	-95.26	-69.63	-13	-56.63

**Remarks:**

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

Mode	TX channel 20393	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.65	28.68	-95.26	-66.58	-13	-53.58
2	109.28	22.69	-95.26	-72.57	-13	-59.57
3	148.59	23.51	-95.26	-71.75	-13	-58.75
4	197.48	26.7	-95.26	-68.56	-13	-55.56
5	310.92	23.31	-95.26	-71.95	-13	-58.95
6	485.96	28.43	-95.26	-66.83	-13	-53.83

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.64	31.14	-95.26	-64.12	-13	-51.12
2	47.53	29.55	-95.26	-65.71	-13	-52.71
3	106.73	24.65	-95.26	-70.61	-13	-57.61
4	160.15	25.57	-95.26	-69.69	-13	-56.69
5	197.77	21.82	-95.26	-73.44	-13	-60.44
6	380.61	26.01	-95.26	-69.25	-13	-56.25

**Remarks:**

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



### LTE Band 4: 3MHz

Mode	TX channel 19965	Frequency Range	Below 1000 MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.71	28.78	-95.26	-66.48	-13	-53.48
2	108.63	23.26	-95.26	-72.00	-13	-59.00
3	149.11	23.65	-95.26	-71.61	-13	-58.61
4	197.11	27.63	-95.26	-67.63	-13	-54.63
5	310.55	22.69	-95.26	-72.57	-13	-59.57
6	485.98	28.01	-95.26	-67.25	-13	-54.25

#### Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.62	32.65	-95.26	-62.61	-13	-49.61
2	47.77	29.53	-95.26	-65.73	-13	-52.73
3	106.34	24.3	-95.26	-70.96	-13	-57.96
4	160.17	25.27	-95.26	-69.99	-13	-56.99
5	197.57	22.38	-95.26	-72.88	-13	-59.88
6	380.35	26.02	-95.26	-69.24	-13	-56.24

#### Remarks:

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

Mode	TX channel 20175	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.54	29.13	-95.26	-66.13	-13	-53.13
2	108.89	23.48	-95.26	-71.78	-13	-58.78
3	149.24	24.03	-95.26	-71.23	-13	-58.23
4	196.81	26.61	-95.26	-68.65	-13	-55.65
5	310.92	23	-95.26	-72.26	-13	-59.26
6	485.32	27.63	-95.26	-67.63	-13	-54.63

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.6	31.82	-95.26	-63.44	-13	-50.44
2	47.59	29.73	-95.26	-65.53	-13	-52.53
3	106.04	24.27	-95.26	-70.99	-13	-57.99
4	159.79	25.35	-95.26	-69.91	-13	-56.91
5	198.17	22.24	-95.26	-73.02	-13	-60.02
6	379.95	25.83	-95.26	-69.43	-13	-56.43

**Remarks:**

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

Mode	TX channel 20385	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.7	28.91	-95.26	-66.35	-13	-53.35
2	109.26	22.98	-95.26	-72.28	-13	-59.28
3	148.69	23.54	-95.26	-71.72	-13	-58.72
4	197.6	27.25	-95.26	-68.01	-13	-55.01
5	310.1	23.23	-95.26	-72.03	-13	-59.03
6	485.4	27.86	-95.26	-67.40	-13	-54.40

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.56	31.41	-95.26	-63.85	-13	-50.85
2	47.93	29.46	-95.26	-65.80	-13	-52.80
3	106.15	24.16	-95.26	-71.10	-13	-58.10
4	160.13	24.84	-95.26	-70.42	-13	-57.42
5	197.37	22.09	-95.26	-73.17	-13	-60.17
6	380.16	26.07	-95.26	-69.19	-13	-56.19

**Remarks:**

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

### LTE Band 4: 5MHz

Mode	TX channel 19975	Frequency Range	Below 1000 MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.72	28.62	-95.26	-66.64	-13	-53.64
2	108.49	23.39	-95.26	-71.87	-13	-58.87
3	148.59	24.12	-95.26	-71.14	-13	-58.14
4	197.5	27.37	-95.26	-67.89	-13	-54.89
5	310.53	22.46	-95.26	-72.80	-13	-59.80
6	485.76	27.75	-95.26	-67.51	-13	-54.51

#### Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.78	32.16	-95.26	-63.10	-13	-50.10
2	47.98	29.11	-95.26	-66.15	-13	-53.15
3	106.47	24.75	-95.26	-70.51	-13	-57.51
4	160.2	24.98	-95.26	-70.28	-13	-57.28
5	197.37	22.49	-95.26	-72.77	-13	-59.77
6	380.35	25.13	-95.26	-70.13	-13	-57.13

#### Remarks:

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

Mode	TX channel 20175	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.72	28.59	-95.26	-66.67	-13	-53.67
2	108.61	24.03	-95.26	-71.23	-13	-58.23
3	149.34	23.58	-95.26	-71.68	-13	-58.68
4	196.99	26.43	-95.26	-68.83	-13	-55.83
5	310.1	23.17	-95.26	-72.09	-13	-59.09
6	485.86	27.75	-95.26	-67.51	-13	-54.51

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.74	31.74	-95.26	-63.52	-13	-50.52
2	47.75	29.86	-95.26	-65.40	-13	-52.40
3	106.93	23.98	-95.26	-71.28	-13	-58.28
4	159.52	25.92	-95.26	-69.34	-13	-56.34
5	197.62	22.11	-95.26	-73.15	-13	-60.15
6	380.46	26	-95.26	-69.26	-13	-56.26

**Remarks:**

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

Mode	TX channel 20375	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.69	28.82	-95.26	-66.44	-13	-53.44
2	109.4	23.11	-95.26	-72.15	-13	-59.15
3	149.13	22.68	-95.26	-72.58	-13	-59.58
4	196.94	26.61	-95.26	-68.65	-13	-55.65
5	310.84	23.92	-95.26	-71.34	-13	-58.34
6	485.72	27.94	-95.26	-67.32	-13	-54.32

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.63	31.58	-95.26	-63.68	-13	-50.68
2	47.69	29.92	-95.26	-65.34	-13	-52.34
3	106.47	24.13	-95.26	-71.13	-13	-58.13
4	160.02	25.48	-95.26	-69.78	-13	-56.78
5	198.16	22.09	-95.26	-73.17	-13	-60.17
6	380.33	26.02	-95.26	-69.24	-13	-56.24

**Remarks:**

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB  $\mu$  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
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.52	28.52	-95.26	-66.74	-13	-53.74
2	109.29	23.12	-95.26	-72.14	-13	-59.14
3	148.7	23.82	-95.26	-71.44	-13	-58.44
4	197.42	27.63	-95.26	-67.63	-13	-54.63
5	310.68	22.73	-95.26	-72.53	-13	-59.53
6	485.85	27.46	-95.26	-67.80	-13	-54.80

#### Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.72	31.87	-95.26	-63.39	-13	-50.39
2	47.76	29.46	-95.26	-65.80	-13	-52.80
3	106.11	24.63	-95.26	-70.63	-13	-57.63
4	159.8	25.16	-95.26	-70.10	-13	-57.10
5	198.04	22.09	-95.26	-73.17	-13	-60.17
6	380.06	25.61	-95.26	-69.65	-13	-56.65

#### Remarks:

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

Mode	TX channel 20175	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.68	28.5	-95.26	-66.76	-13	-53.76
2	109.1	24.21	-95.26	-71.05	-13	-58.05
3	149.05	23.41	-95.26	-71.85	-13	-58.85
4	197.52	26.79	-95.26	-68.47	-13	-55.47
5	310.75	22.85	-95.26	-72.41	-13	-59.41
6	485.89	28.02	-95.26	-67.24	-13	-54.24

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.7	32.16	-95.26	-63.10	-13	-50.10
2	47.86	30.58	-95.26	-64.68	-13	-51.68
3	106.75	24.9	-95.26	-70.36	-13	-57.36
4	159.61	25.06	-95.26	-70.20	-13	-57.20
5	197.95	22.98	-95.26	-72.28	-13	-59.28
6	380.27	26.24	-95.26	-69.02	-13	-56.02

**Remarks:**

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



Mode	TX channel 20350	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.54	28.63	-95.26	-66.63	-13	-53.63
2	109.01	22.68	-95.26	-72.58	-13	-59.58
3	149.25	23	-95.26	-72.26	-13	-59.26
4	197.35	26.7	-95.26	-68.56	-13	-55.56
5	310.38	23.71	-95.26	-71.55	-13	-58.55
6	485.91	28.48	-95.26	-66.78	-13	-53.78

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.59	31.86	-95.26	-63.40	-13	-50.40
2	47.76	30.12	-95.26	-65.14	-13	-52.14
3	105.95	24.47	-95.26	-70.79	-13	-57.79
4	159.74	25.67	-95.26	-69.59	-13	-56.59
5	198.2	21.85	-95.26	-73.41	-13	-60.41
6	380.2	25.77	-95.26	-69.49	-13	-56.49

**Remarks:**

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB  $\mu$  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
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.73	28.6	-95.26	-66.66	-13	-53.66
2	108.74	23.47	-95.26	-71.79	-13	-58.79
3	149.14	23.98	-95.26	-71.28	-13	-58.28
4	197.41	27.1	-95.26	-68.16	-13	-55.16
5	310.35	22.85	-95.26	-72.41	-13	-59.41
6	485.65	27.51	-95.26	-67.75	-13	-54.75

#### Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.6	31.78	-95.26	-63.48	-13	-50.48
2	47.56	28.81	-95.26	-66.45	-13	-53.45
3	105.98	24.74	-95.26	-70.52	-13	-57.52
4	160.03	25.51	-95.26	-69.75	-13	-56.75
5	197.26	22.22	-95.26	-73.04	-13	-60.04
6	380.74	25.87	-95.26	-69.39	-13	-56.39

#### Remarks:

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

Mode	TX channel 20175	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.5	29.31	-95.26	-65.95	-13	-52.95
2	108.82	23.24	-95.26	-72.02	-13	-59.02
3	148.6	23.9	-95.26	-71.36	-13	-58.36
4	197.42	26.47	-95.26	-68.79	-13	-55.79
5	310.49	23.41	-95.26	-71.85	-13	-58.85
6	485.89	27.83	-95.26	-67.43	-13	-54.43

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.73	32.31	-95.26	-62.95	-13	-49.95
2	47.51	30.57	-95.26	-64.69	-13	-51.69
3	106.32	24.76	-95.26	-70.50	-13	-57.50
4	159.92	25.59	-95.26	-69.67	-13	-56.67
5	197.87	22.87	-95.26	-72.39	-13	-59.39
6	380.2	25.93	-95.26	-69.33	-13	-56.33

**Remarks:**

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB  $\mu$  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
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.63	28.51	-95.26	-66.75	-13	-53.75
2	108.68	22.78	-95.26	-72.48	-13	-59.48
3	148.78	22.64	-95.26	-72.62	-13	-59.62
4	197.02	26.83	-95.26	-68.43	-13	-55.43
5	310.15	23.67	-95.26	-71.59	-13	-58.59
6	486	28.01	-95.26	-67.25	-13	-54.25

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.64	31.3	-95.26	-63.96	-13	-50.96
2	47.76	29.77	-95.26	-65.49	-13	-52.49
3	106.72	24.55	-95.26	-70.71	-13	-57.71
4	160.1	25.42	-95.26	-69.84	-13	-56.84
5	197.58	22.57	-95.26	-72.69	-13	-59.69
6	379.93	25.94	-95.26	-69.32	-13	-56.32

**Remarks:**

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB  $\mu$  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	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.53	28.68	-95.26	-66.58	-13	-53.58
2	109.12	23.42	-95.26	-71.84	-13	-58.84
3	148.9	23.59	-95.26	-71.67	-13	-58.67
4	197.2	27.57	-95.26	-67.69	-13	-54.69
5	310.57	23.2	-95.26	-72.06	-13	-59.06
6	485.74	27.11	-95.26	-68.15	-13	-55.15

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.74	32.63	-95.26	-62.63	-13	-49.63
2	47.63	28.89	-95.26	-66.37	-13	-53.37
3	106.85	23.98	-95.26	-71.28	-13	-58.28
4	159.87	25.57	-95.26	-69.69	-13	-56.69
5	197.78	21.93	-95.26	-73.33	-13	-60.33
6	380.39	25.88	-95.26	-69.38	-13	-56.38

**Remarks:**

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB  $\mu$  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
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.71	28.79	-95.26	-66.47	-13	-53.47
2	108.58	23.63	-95.26	-71.63	-13	-58.63
3	149.22	24.01	-95.26	-71.25	-13	-58.25
4	197.56	26.36	-95.26	-68.90	-13	-55.90
5	310.72	23.16	-95.26	-72.10	-13	-59.10
6	486	28.32	-95.26	-66.94	-13	-53.94

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.56	31.59	-95.26	-63.67	-13	-50.67
2	47.8	30.18	-95.26	-65.08	-13	-52.08
3	106.35	24.35	-95.26	-70.91	-13	-57.91
4	159.81	25.85	-95.26	-69.41	-13	-56.41
5	197.51	22.81	-95.26	-72.45	-13	-59.45
6	380.14	25.68	-95.26	-69.58	-13	-56.58

**Remarks:**

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB  $\mu$  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
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.68	28.75	-95.26	-66.51	-13	-53.51
2	108.69	23.25	-95.26	-72.01	-13	-59.01
3	148.51	23.19	-95.26	-72.07	-13	-59.07
4	197.14	27.02	-95.26	-68.24	-13	-55.24
5	310.33	24.01	-95.26	-71.25	-13	-58.25
6	485.2	28.5	-95.26	-66.76	-13	-53.76

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.75	31.46	-95.26	-63.80	-13	-50.80
2	47.93	29.17	-95.26	-66.09	-13	-53.09
3	106.37	24.27	-95.26	-70.99	-13	-57.99
4	160.29	25	-95.26	-70.26	-13	-57.26
5	197.3	21.82	-95.26	-73.44	-13	-60.44
6	380.83	26.11	-95.26	-69.15	-13	-56.15

**Remarks:**

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

### LTE Band 12: 1.4MHz

Mode	TX channel 23017	Frequency Range	Below 1000 MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.72	28.58	-95.26	-66.68	-13	-53.68
2	108.58	23.68	-95.26	-71.58	-13	-58.58
3	148.78	24.05	-95.26	-71.21	-13	-58.21
4	197.25	27.64	-95.26	-67.62	-13	-54.62
5	310.7	22.91	-95.26	-72.35	-13	-59.35
6	485.09	27.09	-95.26	-68.17	-13	-55.17

#### Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.61	32.4	-95.26	-62.86	-13	-49.86
2	47.63	29.09	-95.26	-66.17	-13	-53.17
3	106.2	24.09	-95.26	-71.17	-13	-58.17
4	159.68	25.41	-95.26	-69.85	-13	-56.85
5	197.4	22.37	-95.26	-72.89	-13	-59.89
6	380.78	26.08	-95.26	-69.18	-13	-56.18

#### Remarks:

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



Mode	TX channel 23095	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.62	29.13	-95.26	-66.13	-13	-53.13
2	108.99	24.14	-95.26	-71.12	-13	-58.12
3	148.98	23.49	-95.26	-71.77	-13	-58.77
4	197.18	26.62	-95.26	-68.64	-13	-55.64
5	310.74	23.34	-95.26	-71.92	-13	-58.92
6	485.09	28.45	-95.26	-66.81	-13	-53.81

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.74	32.35	-95.26	-62.91	-13	-49.91
2	47.57	29.86	-95.26	-65.40	-13	-52.40
3	106.32	24.56	-95.26	-70.70	-13	-57.70
4	159.87	25.89	-95.26	-69.37	-13	-56.37
5	198.17	22.7	-95.26	-72.56	-13	-59.56
6	380.02	25.72	-95.26	-69.54	-13	-56.54

**Remarks:**

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

Mode	TX channel 23173	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.64	29.31	-95.26	-65.95	-13	-52.95
2	109.27	22.71	-95.26	-72.55	-13	-59.55
3	148.59	22.62	-95.26	-72.64	-13	-59.64
4	196.9	27.21	-95.26	-68.05	-13	-55.05
5	310.63	23.94	-95.26	-71.32	-13	-58.32
6	485.74	28.18	-95.26	-67.08	-13	-54.08

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.59	31.4	-95.26	-63.86	-13	-50.86
2	47.59	29.71	-95.26	-65.55	-13	-52.55
3	106.6	24	-95.26	-71.26	-13	-58.26
4	160.2	25.73	-95.26	-69.53	-13	-56.53
5	198.03	21.94	-95.26	-73.32	-13	-60.32
6	380.03	25.57	-95.26	-69.69	-13	-56.69

**Remarks:**

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

### LTE Band 12: 3MHz

Mode	TX channel 23025	Frequency Range	Below 1000 MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.67	28.96	-95.26	-66.30	-13	-53.30
2	109.26	23.31	-95.26	-71.95	-13	-58.95
3	149.22	23.83	-95.26	-71.43	-13	-58.43
4	197.45	26.92	-95.26	-68.34	-13	-55.34
5	310.31	23.15	-95.26	-72.11	-13	-59.11
6	485.15	27.81	-95.26	-67.45	-13	-54.45

#### Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.53	31.91	-95.26	-63.35	-13	-50.35
2	47.64	29.17	-95.26	-66.09	-13	-53.09
3	105.97	24.3	-95.26	-70.96	-13	-57.96
4	160.07	24.84	-95.26	-70.42	-13	-57.42
5	197.39	22.18	-95.26	-73.08	-13	-60.08
6	380.16	25.21	-95.26	-70.05	-13	-57.05

#### Remarks:

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

Mode	TX channel 23095	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.66	29.39	-95.26	-65.87	-13	-52.87
2	109.38	23.39	-95.26	-71.87	-13	-58.87
3	149.05	23.86	-95.26	-71.40	-13	-58.40
4	197.6	26.28	-95.26	-68.98	-13	-55.98
5	310.52	22.82	-95.26	-72.44	-13	-59.44
6	485.68	28.53	-95.26	-66.73	-13	-53.73

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.73	31.92	-95.26	-63.34	-13	-50.34
2	47.86	29.93	-95.26	-65.33	-13	-52.33
3	106.4	24.48	-95.26	-70.78	-13	-57.78
4	160.34	25.37	-95.26	-69.89	-13	-56.89
5	197.24	22.74	-95.26	-72.52	-13	-59.52
6	380.24	25.8	-95.26	-69.46	-13	-56.46

**Remarks:**

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

Mode	TX channel 23165	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.6	28.43	-95.26	-66.83	-13	-53.83
2	109.05	23.1	-95.26	-72.16	-13	-59.16
3	149.38	23.06	-95.26	-72.20	-13	-59.20
4	197.16	26.32	-95.26	-68.94	-13	-55.94
5	310.91	23.73	-95.26	-71.53	-13	-58.53
6	485.49	28.43	-95.26	-66.83	-13	-53.83

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.77	31.49	-95.26	-63.77	-13	-50.77
2	47.77	29.57	-95.26	-65.69	-13	-52.69
3	106.45	24.59	-95.26	-70.67	-13	-57.67
4	159.88	25.36	-95.26	-69.90	-13	-56.90
5	197.36	22.57	-95.26	-72.69	-13	-59.69
6	380.45	25.78	-95.26	-69.48	-13	-56.48

**Remarks:**

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

### LTE Band 12: 5MHz

Mode	TX channel 23035	Frequency Range	Below 1000 MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.72	28.42	-95.26	-66.84	-13	-53.84
2	108.94	23.45	-95.26	-71.81	-13	-58.81
3	149.03	23.81	-95.26	-71.45	-13	-58.45
4	196.97	27.48	-95.26	-67.78	-13	-54.78
5	310.22	22.86	-95.26	-72.40	-13	-59.40
6	485.7	27.5	-95.26	-67.76	-13	-54.76

#### Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.74	31.92	-95.26	-63.34	-13	-50.34
2	47.93	28.91	-95.26	-66.35	-13	-53.35
3	106.11	24.61	-95.26	-70.65	-13	-57.65
4	159.99	25.18	-95.26	-70.08	-13	-57.08
5	197.46	21.9	-95.26	-73.36	-13	-60.36
6	380.92	25.26	-95.26	-70.00	-13	-57.00

#### Remarks:

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

Mode	TX channel 23095	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.51	28.81	-95.26	-66.45	-13	-53.45
2	108.54	23.47	-95.26	-71.79	-13	-58.79
3	148.93	23.85	-95.26	-71.41	-13	-58.41
4	196.87	27	-95.26	-68.26	-13	-55.26
5	310.62	23.2	-95.26	-72.06	-13	-59.06
6	485.3	27.58	-95.26	-67.68	-13	-54.68

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.73	32.48	-95.26	-62.78	-13	-49.78
2	47.51	29.68	-95.26	-65.58	-13	-52.58
3	106.51	24.11	-95.26	-71.15	-13	-58.15
4	160.23	25.03	-95.26	-70.23	-13	-57.23
5	197.2	22.72	-95.26	-72.54	-13	-59.54
6	380.29	26.2	-95.26	-69.06	-13	-56.06

**Remarks:**

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

Mode	TX channel 23155	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.72	28.63	-95.26	-66.63	-13	-53.63
2	108.5	23.29	-95.26	-71.97	-13	-58.97
3	149.25	22.86	-95.26	-72.40	-13	-59.40
4	196.72	26.55	-95.26	-68.71	-13	-55.71
5	310.19	23.46	-95.26	-71.80	-13	-58.80
6	485.67	28.36	-95.26	-66.90	-13	-53.90

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.73	31.49	-95.26	-63.77	-13	-50.77
2	47.81	29.83	-95.26	-65.43	-13	-52.43
3	106.65	24.81	-95.26	-70.45	-13	-57.45
4	159.67	25.45	-95.26	-69.81	-13	-56.81
5	197.51	21.96	-95.26	-73.30	-13	-60.30
6	380.82	25.83	-95.26	-69.43	-13	-56.43

**Remarks:**

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



### LTE Band 12: 10MHz

Mode	TX channel 23060	Frequency Range	Below 1000 MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.61	29.24	-95.26	-66.02	-13	-53.02
2	109.4	23.34	-95.26	-71.92	-13	-58.92
3	149.1	23.64	-95.26	-71.62	-13	-58.62
4	197.44	27.47	-95.26	-67.79	-13	-54.79
5	310.79	22.66	-95.26	-72.60	-13	-59.60
6	485.88	27.39	-95.26	-67.87	-13	-54.87

#### Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.54	32.2	-95.26	-63.06	-13	-50.06
2	47.67	29.45	-95.26	-65.81	-13	-52.81
3	106.86	24.59	-95.26	-70.67	-13	-57.67
4	159.65	25.44	-95.26	-69.82	-13	-56.82
5	197.5	21.98	-95.26	-73.28	-13	-60.28
6	380.21	25.76	-95.26	-69.50	-13	-56.50

#### Remarks:

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

Mode	TX channel 23095	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.63	28.55	-95.26	-66.71	-13	-53.71
2	108.94	23.61	-95.26	-71.65	-13	-58.65
3	149.34	23.81	-95.26	-71.45	-13	-58.45
4	197.62	27.22	-95.26	-68.04	-13	-55.04
5	310.86	22.8	-95.26	-72.46	-13	-59.46
6	485.91	28.25	-95.26	-67.01	-13	-54.01

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.72	32.38	-95.26	-62.88	-13	-49.88
2	47.74	29.78	-95.26	-65.48	-13	-52.48
3	106.41	24.62	-95.26	-70.64	-13	-57.64
4	159.93	25.57	-95.26	-69.69	-13	-56.69
5	197.97	22.27	-95.26	-72.99	-13	-59.99
6	380.69	26.27	-95.26	-68.99	-13	-55.99

**Remarks:**

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB  $\mu$  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
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.57	28.55	-95.26	-66.71	-13	-53.71
2	108.94	22.72	-95.26	-72.54	-13	-59.54
3	148.61	23.24	-95.26	-72.02	-13	-59.02
4	197.38	26.51	-95.26	-68.75	-13	-55.75
5	310.06	24.07	-95.26	-71.19	-13	-58.19
6	485.23	28.6	-95.26	-66.66	-13	-53.66

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.58	31.18	-95.26	-64.08	-13	-51.08
2	47.56	29.98	-95.26	-65.28	-13	-52.28
3	106.82	24.02	-95.26	-71.24	-13	-58.24
4	160.18	25.17	-95.26	-70.09	-13	-57.09
5	197.37	22.2	-95.26	-73.06	-13	-60.06
6	380.07	25.38	-95.26	-69.88	-13	-56.88

**Remarks:**

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

**LTE Band 66: 1.4MHz**

Mode	TX channel 131979	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.65	28.8	-95.26	-66.46	-13	-53.46
2	109.29	22.97	-95.26	-72.29	-13	-59.29
3	148.75	23.62	-95.26	-71.64	-13	-58.64
4	197.37	27.64	-95.26	-67.62	-13	-54.62
5	310.69	23.42	-95.26	-71.84	-13	-58.84
6	485.69	27.19	-95.26	-68.07	-13	-55.07

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.67	32.49	-95.26	-62.77	-13	-49.77
2	47.86	28.8	-95.26	-66.46	-13	-53.46
3	106.47	24.19	-95.26	-71.07	-13	-58.07
4	160.21	24.88	-95.26	-70.38	-13	-57.38
5	197.65	21.82	-95.26	-73.44	-13	-60.44
6	380.02	26.07	-95.26	-69.19	-13	-56.19

**Remarks:**

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

Mode	TX channel 132322	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.74	28.75	-95.26	-66.51	-13	-53.51
2	108.54	23.89	-95.26	-71.37	-13	-58.37
3	149.26	23.73	-95.26	-71.53	-13	-58.53
4	197.35	27	-95.26	-68.26	-13	-55.26
5	310.64	22.76	-95.26	-72.50	-13	-59.50
6	485.48	28.15	-95.26	-67.11	-13	-54.11

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.61	32.18	-95.26	-63.08	-13	-50.08
2	47.68	30.23	-95.26	-65.03	-13	-52.03
3	106.74	24.66	-95.26	-70.60	-13	-57.60
4	159.55	25.35	-95.26	-69.91	-13	-56.91
5	198.02	22.98	-95.26	-72.28	-13	-59.28
6	380.12	25.94	-95.26	-69.32	-13	-56.32

**Remarks:**

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

Mode	TX channel 132665	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.5	29.14	-95.26	-66.12	-13	-53.12
2	108.77	23.21	-95.26	-72.05	-13	-59.05
3	148.77	23.1	-95.26	-72.16	-13	-59.16
4	197.2	27.05	-95.26	-68.21	-13	-55.21
5	310.45	23.85	-95.26	-71.41	-13	-58.41
6	485.98	28.56	-95.26	-66.70	-13	-53.70

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.6	32	-95.26	-63.26	-13	-50.26
2	47.8	29.59	-95.26	-65.67	-13	-52.67
3	106.71	24.82	-95.26	-70.44	-13	-57.44
4	159.56	25.16	-95.26	-70.10	-13	-57.10
5	197.72	21.9	-95.26	-73.36	-13	-60.36
6	380.43	26.23	-95.26	-69.03	-13	-56.03

**Remarks:**

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

**LTE Band 66: 3MHz**

Mode	TX channel 131987	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.73	28.69	-95.26	-66.57	-13	-53.57
2	109.08	23.59	-95.26	-71.67	-13	-58.67
3	149.48	23.55	-95.26	-71.71	-13	-58.71
4	197.52	27.34	-95.26	-67.92	-13	-54.92
5	310.02	22.75	-95.26	-72.51	-13	-59.51
6	486.07	27.78	-95.26	-67.48	-13	-54.48

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.77	31.77	-95.26	-63.49	-13	-50.49
2	47.97	29.12	-95.26	-66.14	-13	-53.14
3	106.3	24.27	-95.26	-70.99	-13	-57.99
4	159.78	25.33	-95.26	-69.93	-13	-56.93
5	197.37	21.5	-95.26	-73.76	-13	-60.76
6	380.75	26.08	-95.26	-69.18	-13	-56.18

**Remarks:**

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

Mode	TX channel 132322	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.52	29.34	-95.26	-65.92	-13	-52.92
2	108.7	23.88	-95.26	-71.38	-13	-58.38
3	149.38	23.7	-95.26	-71.56	-13	-58.56
4	196.95	27.16	-95.26	-68.10	-13	-55.10
5	310.65	22.89	-95.26	-72.37	-13	-59.37
6	485.15	28.2	-95.26	-67.06	-13	-54.06

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.62	31.55	-95.26	-63.71	-13	-50.71
2	47.91	30.31	-95.26	-64.95	-13	-51.95
3	106.14	24.86	-95.26	-70.40	-13	-57.40
4	159.53	25.75	-95.26	-69.51	-13	-56.51
5	197.37	22.06	-95.26	-73.20	-13	-60.20
6	380.51	25.51	-95.26	-69.75	-13	-56.75

**Remarks:**

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



Mode	TX channel 132657	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.57	28.68	-95.26	-66.58	-13	-53.58
2	108.82	22.69	-95.26	-72.57	-13	-59.57
3	149.48	22.75	-95.26	-72.51	-13	-59.51
4	197.46	26.7	-95.26	-68.56	-13	-55.56
5	310.49	23.37	-95.26	-71.89	-13	-58.89
6	485.64	28.44	-95.26	-66.82	-13	-53.82

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.54	31.97	-95.26	-63.29	-13	-50.29
2	47.55	30.06	-95.26	-65.20	-13	-52.20
3	106.19	24.14	-95.26	-71.12	-13	-58.12
4	159.96	25.68	-95.26	-69.58	-13	-56.58
5	197.77	22.01	-95.26	-73.25	-13	-60.25
6	380.07	25.88	-95.26	-69.38	-13	-56.38

**Remarks:**

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

**LTE Band 66: 5MHz**

Mode	TX channel 131997	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.55	29.31	-95.26	-65.95	-13	-52.95
2	109.37	23.45	-95.26	-71.81	-13	-58.81
3	148.77	23.59	-95.26	-71.67	-13	-58.67
4	197.05	27.75	-95.26	-67.51	-13	-54.51
5	310.83	23.23	-95.26	-72.03	-13	-59.03
6	485.63	27.65	-95.26	-67.61	-13	-54.61

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.75	32.57	-95.26	-62.69	-13	-49.69
2	47.69	28.82	-95.26	-66.44	-13	-53.44
3	106.43	24.6	-95.26	-70.66	-13	-57.66
4	160.42	25.58	-95.26	-69.68	-13	-56.68
5	198.12	22.09	-95.26	-73.17	-13	-60.17
6	380.53	25.59	-95.26	-69.67	-13	-56.67

**Remarks:**

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

Mode	TX channel 132322	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.72	28.56	-95.26	-66.70	-13	-53.70
2	109.26	23.48	-95.26	-71.78	-13	-58.78
3	148.91	23.78	-95.26	-71.48	-13	-58.48
4	197.63	27.17	-95.26	-68.09	-13	-55.09
5	310.04	22.88	-95.26	-72.38	-13	-59.38
6	485.84	27.75	-95.26	-67.51	-13	-54.51

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.58	32.1	-95.26	-63.16	-13	-50.16
2	47.53	29.81	-95.26	-65.45	-13	-52.45
3	106.62	24.9	-95.26	-70.36	-13	-57.36
4	159.84	25.03	-95.26	-70.23	-13	-57.23
5	197.52	22.31	-95.26	-72.95	-13	-59.95
6	380.28	25.84	-95.26	-69.42	-13	-56.42

**Remarks:**

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

Mode	TX channel 132647	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.61	28.85	-95.26	-66.41	-13	-53.41
2	109.43	23.49	-95.26	-71.77	-13	-58.77
3	149.34	22.96	-95.26	-72.30	-13	-59.30
4	196.79	26.88	-95.26	-68.38	-13	-55.38
5	310.63	24.04	-95.26	-71.22	-13	-58.22
6	485.54	27.82	-95.26	-67.44	-13	-54.44

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.63	31.49	-95.26	-63.77	-13	-50.77
2	47.96	29.67	-95.26	-65.59	-13	-52.59
3	106.45	24.37	-95.26	-70.89	-13	-57.89
4	159.97	25.76	-95.26	-69.50	-13	-56.50
5	197.56	22.25	-95.26	-73.01	-13	-60.01
6	380.07	26.26	-95.26	-69.00	-13	-56.00

**Remarks:**

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

**LTE Band 66: 10MHz**

Mode	TX channel 132022	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.62	28.63	-95.26	-66.63	-13	-53.63
2	108.93	23.34	-95.26	-71.92	-13	-58.92
3	149.33	23.44	-95.26	-71.82	-13	-58.82
4	197.58	27.11	-95.26	-68.15	-13	-55.15
5	310.82	23.02	-95.26	-72.24	-13	-59.24
6	485.47	27.15	-95.26	-68.11	-13	-55.11

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.66	32.13	-95.26	-63.13	-13	-50.13
2	47.93	29.43	-95.26	-65.83	-13	-52.83
3	106.33	24.84	-95.26	-70.42	-13	-57.42
4	160.21	25.56	-95.26	-69.70	-13	-56.70
5	197.64	21.65	-95.26	-73.61	-13	-60.61
6	380.87	25.51	-95.26	-69.75	-13	-56.75

**Remarks:**

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

Mode	TX channel 132322	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.58	28.55	-95.26	-66.71	-13	-53.71
2	109.32	23.74	-95.26	-71.52	-13	-58.52
3	149.47	24.15	-95.26	-71.11	-13	-58.11
4	197.62	27.18	-95.26	-68.08	-13	-55.08
5	310.61	22.95	-95.26	-72.31	-13	-59.31
6	485.69	27.57	-95.26	-67.69	-13	-54.69

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.71	31.98	-95.26	-63.28	-13	-50.28
2	47.58	30.03	-95.26	-65.23	-13	-52.23
3	106.89	24.54	-95.26	-70.72	-13	-57.72
4	160.21	25.49	-95.26	-69.77	-13	-56.77
5	197.77	22	-95.26	-73.26	-13	-60.26
6	380.26	26.09	-95.26	-69.17	-13	-56.17

**Remarks:**

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

Mode	TX channel 132622	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.6	28.7	-95.26	-66.56	-13	-53.56
2	109.02	23.65	-95.26	-71.61	-13	-58.61
3	148.88	22.69	-95.26	-72.57	-13	-59.57
4	196.89	27.24	-95.26	-68.02	-13	-55.02
5	310.5	24.14	-95.26	-71.12	-13	-58.12
6	485.55	27.92	-95.26	-67.34	-13	-54.34

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.71	31.82	-95.26	-63.44	-13	-50.44
2	47.5	30.14	-95.26	-65.12	-13	-52.12
3	106.6	24.29	-95.26	-70.97	-13	-57.97
4	159.89	24.92	-95.26	-70.34	-13	-57.34
5	197.65	22.45	-95.26	-72.81	-13	-59.81
6	380.89	25.77	-95.26	-69.49	-13	-56.49

**Remarks:**

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

### LTE Band 66: 15MHz

Mode	TX channel 132047	Frequency Range	Below 1000 MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.72	29.11	-95.26	-66.15	-13	-53.15
2	109.1	23.26	-95.26	-72.00	-13	-59.00
3	148.92	23.46	-95.26	-71.80	-13	-58.80
4	197.3	27.05	-95.26	-68.21	-13	-55.21
5	310.25	23.2	-95.26	-72.06	-13	-59.06
6	485.35	27.64	-95.26	-67.62	-13	-54.62

#### Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.66	32.34	-95.26	-62.92	-13	-49.92
2	47.63	29.53	-95.26	-65.73	-13	-52.73
3	105.96	24.81	-95.26	-70.45	-13	-57.45
4	160.44	24.86	-95.26	-70.40	-13	-57.40
5	197.95	21.83	-95.26	-73.43	-13	-60.43
6	380.3	25.12	-95.26	-70.14	-13	-57.14

#### Remarks:

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



Mode	TX channel 132322	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.53	29.3	-95.26	-65.96	-13	-52.96
2	108.66	23.68	-95.26	-71.58	-13	-58.58
3	148.7	23.58	-95.26	-71.68	-13	-58.68
4	197.22	26.47	-95.26	-68.79	-13	-55.79
5	310.51	22.61	-95.26	-72.65	-13	-59.65
6	485.52	28.1	-95.26	-67.16	-13	-54.16

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.56	31.84	-95.26	-63.42	-13	-50.42
2	47.88	30.16	-95.26	-65.10	-13	-52.10
3	106.72	24.7	-95.26	-70.56	-13	-57.56
4	159.63	25.13	-95.26	-70.13	-13	-57.13
5	197.22	22.8	-95.26	-72.46	-13	-59.46
6	380.68	26.03	-95.26	-69.23	-13	-56.23

**Remarks:**

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

Mode	TX channel 132597	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.55	28.74	-95.26	-66.52	-13	-53.52
2	109.37	23.35	-95.26	-71.91	-13	-58.91
3	148.65	23.45	-95.26	-71.81	-13	-58.81
4	196.84	26.7	-95.26	-68.56	-13	-55.56
5	310.59	23.31	-95.26	-71.95	-13	-58.95
6	485.26	27.85	-95.26	-67.41	-13	-54.41

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.61	31.47	-95.26	-63.79	-13	-50.79
2	47.88	29.67	-95.26	-65.59	-13	-52.59
3	106.6	24.46	-95.26	-70.80	-13	-57.80
4	160	25.02	-95.26	-70.24	-13	-57.24
5	197.57	21.96	-95.26	-73.30	-13	-60.30
6	380.43	26.08	-95.26	-69.18	-13	-56.18

**Remarks:**

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

**LTE Band 66: 20MHz**

Mode	TX channel 132072	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.54	28.91	-95.26	-66.35	-13	-53.35
2	109	23.41	-95.26	-71.85	-13	-58.85
3	148.58	23.49	-95.26	-71.77	-13	-58.77
4	197.29	27.2	-95.26	-68.06	-13	-55.06
5	310.83	23.23	-95.26	-72.03	-13	-59.03
6	485.69	27.46	-95.26	-67.80	-13	-54.80

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.75	32.67	-95.26	-62.59	-13	-49.59
2	47.58	28.92	-95.26	-66.34	-13	-53.34
3	106.84	24.25	-95.26	-71.01	-13	-58.01
4	159.9	25.04	-95.26	-70.22	-13	-57.22
5	197.61	21.61	-95.26	-73.65	-13	-60.65
6	380.76	25.72	-95.26	-69.54	-13	-56.54

**Remarks:**

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

Mode	TX channel 132322	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.62	28.57	-95.26	-66.69	-13	-53.69
2	109.17	23.38	-95.26	-71.88	-13	-58.88
3	148.87	24.07	-95.26	-71.19	-13	-58.19
4	197.17	26.88	-95.26	-68.38	-13	-55.38
5	310.97	23.36	-95.26	-71.90	-13	-58.90
6	485.18	28.05	-95.26	-67.21	-13	-54.21

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.55	32.17	-95.26	-63.09	-13	-50.09
2	47.72	30.21	-95.26	-65.05	-13	-52.05
3	106.09	24.74	-95.26	-70.52	-13	-57.52
4	160.29	25.26	-95.26	-70.00	-13	-57.00
5	198.11	22.23	-95.26	-73.03	-13	-60.03
6	379.96	26.25	-95.26	-69.01	-13	-56.01

**Remarks:**

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

Mode	TX channel 132572	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.63	28.77	-95.26	-66.49	-13	-53.49
2	109.21	23.01	-95.26	-72.25	-13	-59.25
3	148.7	23.44	-95.26	-71.82	-13	-58.82
4	196.73	26.51	-95.26	-68.75	-13	-55.75
5	310.31	23.63	-95.26	-71.63	-13	-58.63
6	485.97	27.7	-95.26	-67.56	-13	-54.56

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	30.56	31.5	-95.26	-63.76	-13	-50.76
2	47.84	29.96	-95.26	-65.30	-13	-52.30
3	106.6	24.75	-95.26	-70.51	-13	-57.51
4	160.11	25.52	-95.26	-69.74	-13	-56.74
5	197.96	22.37	-95.26	-72.89	-13	-59.89
6	379.99	25.45	-95.26	-69.81	-13	-56.81

**Remarks:**

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

ABOVE 1GHz

**LTE Band 4: 1.4MHz**

Mode	TX channel 19957	Frequency Range	Above 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3421.4	31.49	-95.26	-63.77	-13	-50.77
2	4276.75	32.91	-95.26	-62.35	-13	-49.35
3	5132.1	31.97	-95.26	-63.29	-13	-50.29
4	5987.45	32.72	-95.26	-62.54	-13	-49.54
5	6842.8	32.07	-95.26	-63.19	-13	-50.19
6	7698.15	32.89	-95.26	-62.37	-13	-49.37

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3421.4	31.61	-95.26	-63.65	-13	-50.65
2	4276.75	32.4	-95.26	-62.86	-13	-49.86
3	5132.1	32.55	-95.26	-62.71	-13	-49.71
4	5987.45	32.38	-95.26	-62.88	-13	-49.88
5	6842.8	32.4	-95.26	-62.86	-13	-49.86
6	7698.15	32.96	-95.26	-62.30	-13	-49.30

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB  $\mu$  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
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3465	32.06	-95.26	-63.20	-13	-50.20
2	4331.25	32.49	-95.26	-62.77	-13	-49.77
3	5197.5	32.23	-95.26	-63.03	-13	-50.03
4	6063.75	32.4	-95.26	-62.86	-13	-49.86
5	6930	33.02	-95.26	-62.24	-13	-49.24
6	7796.25	33.52	-95.26	-61.74	-13	-48.74

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3465	31.23	-95.26	-64.03	-13	-51.03
2	4331.25	31.83	-95.26	-63.43	-13	-50.43
3	5197.5	32.63	-95.26	-62.63	-13	-49.63
4	6063.75	32.61	-95.26	-62.65	-13	-49.65
5	6930	32.67	-95.26	-62.59	-13	-49.59
6	7796.25	33.72	-95.26	-61.54	-13	-48.54

**Remarks:**

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB  $\mu$  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
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3508.6	31.92	-95.26	-63.34	-13	-50.34
2	4385.75	32.27	-95.26	-62.99	-13	-49.99
3	5262.9	32.23	-95.26	-63.03	-13	-50.03
4	6140.05	32.35	-95.26	-62.91	-13	-49.91
5	7017.2	32.93	-95.26	-62.33	-13	-49.33
6	7894.35	33.05	-95.26	-62.21	-13	-49.21

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3508.6	31.5	-95.26	-63.76	-13	-50.76
2	4385.75	32.31	-95.26	-62.95	-13	-49.95
3	5262.9	32.82	-95.26	-62.44	-13	-49.44
4	6140.05	32.25	-95.26	-63.01	-13	-50.01
5	7017.2	32.94	-95.26	-62.32	-13	-49.32
6	7894.35	33.58	-95.26	-61.68	-13	-48.68

**Remarks:**

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB  $\mu$  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
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3423	31.49	-95.26	-63.77	-13	-50.77
2	4278.75	32.58	-95.26	-62.68	-13	-49.68
3	5134.5	31.24	-95.26	-64.02	-13	-51.02
4	5990.25	32.71	-95.26	-62.55	-13	-49.55
5	6846	32.48	-95.26	-62.78	-13	-49.78
6	7701.75	33	-95.26	-62.26	-13	-49.26

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3423	31.63	-95.26	-63.63	-13	-50.63
2	4278.75	32.43	-95.26	-62.83	-13	-49.83
3	5134.5	32.71	-95.26	-62.55	-13	-49.55
4	5990.25	32.21	-95.26	-63.05	-13	-50.05
5	6846	32.62	-95.26	-62.64	-13	-49.64
6	7701.75	32.97	-95.26	-62.29	-13	-49.29

**Remarks:**

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

Mode	TX channel 20175	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3465	32.12	-95.26	-63.14	-13	-50.14
2	4331.25	32.54	-95.26	-62.72	-13	-49.72
3	5197.5	32.28	-95.26	-62.98	-13	-49.98
4	6063.75	32.44	-95.26	-62.82	-13	-49.82
5	6930	33.14	-95.26	-62.12	-13	-49.12
6	7796.25	33.49	-95.26	-61.77	-13	-48.77

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3465	31.46	-95.26	-63.80	-13	-50.80
2	4331.25	31.78	-95.26	-63.48	-13	-50.48
3	5197.5	32.57	-95.26	-62.69	-13	-49.69
4	6063.75	32.6	-95.26	-62.66	-13	-49.66
5	6930	32.71	-95.26	-62.55	-13	-49.55
6	7796.25	33.84	-95.26	-61.42	-13	-48.42

**Remarks:**

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

Mode	TX channel 20385	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3507	32.11	-95.26	-63.15	-13	-50.15
2	4383.75	32.25	-95.26	-63.01	-13	-50.01
3	5260.5	32.24	-95.26	-63.02	-13	-50.02
4	6137.25	32.27	-95.26	-62.99	-13	-49.99
5	7014	33.04	-95.26	-62.22	-13	-49.22
6	7890.75	33.09	-95.26	-62.17	-13	-49.17

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3507	31.7	-95.26	-63.56	-13	-50.56
2	4383.75	32.42	-95.26	-62.84	-13	-49.84
3	5260.5	32.78	-95.26	-62.48	-13	-49.48
4	6137.25	32.19	-95.26	-63.07	-13	-50.07
5	7014	32.82	-95.26	-62.44	-13	-49.44
6	7890.75	33.51	-95.26	-61.75	-13	-48.75

**Remarks:**

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB  $\mu$  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
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3425	31.39	-95.26	-63.87	-13	-50.87
2	4281.25	32.69	-95.26	-62.57	-13	-49.57
3	5137.5	31.81	-95.26	-63.45	-13	-50.45
4	5993.75	32.5	-95.26	-62.76	-13	-49.76
5	6850	32.3	-95.26	-62.96	-13	-49.96
6	7706.25	32.26	-95.26	-63.00	-13	-50.00

#### Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3425	31.7	-95.26	-63.56	-13	-50.56
2	4281.25	32.39	-95.26	-62.87	-13	-49.87
3	5137.5	32.71	-95.26	-62.55	-13	-49.55
4	5993.75	32.36	-95.26	-62.90	-13	-49.90
5	6850	32.5	-95.26	-62.76	-13	-49.76
6	7706.25	32.97	-95.26	-62.29	-13	-49.29

#### Remarks:

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

Mode	TX channel 20175	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3465	31.94	-95.26	-63.32	-13	-50.32
2	4331.25	32.52	-95.26	-62.74	-13	-49.74
3	5197.5	32.18	-95.26	-63.08	-13	-50.08
4	6063.75	32.53	-95.26	-62.73	-13	-49.73
5	6930	33.22	-95.26	-62.04	-13	-49.04
6	7796.25	33.46	-95.26	-61.80	-13	-48.80

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3465	31.41	-95.26	-63.85	-13	-50.85
2	4331.25	31.91	-95.26	-63.35	-13	-50.35
3	5197.5	32.55	-95.26	-62.71	-13	-49.71
4	6063.75	32.68	-95.26	-62.58	-13	-49.58
5	6930	32.71	-95.26	-62.55	-13	-49.55
6	7796.25	33.74	-95.26	-61.52	-13	-48.52

**Remarks:**

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

Mode	TX channel 20375	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3505	32.08	-95.26	-63.18	-13	-50.18
2	4381.25	32.38	-95.26	-62.88	-13	-49.88
3	5257.5	32.27	-95.26	-62.99	-13	-49.99
4	6133.75	32.34	-95.26	-62.92	-13	-49.92
5	7010	32.89	-95.26	-62.37	-13	-49.37
6	7886.25	32.96	-95.26	-62.30	-13	-49.30

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3505	31.49	-95.26	-63.77	-13	-50.77
2	4381.25	32.4	-95.26	-62.86	-13	-49.86
3	5257.5	32.85	-95.26	-62.41	-13	-49.41
4	6133.75	32.25	-95.26	-63.01	-13	-50.01
5	7010	32.83	-95.26	-62.43	-13	-49.43
6	7886.25	33.71	-95.26	-61.55	-13	-48.55

**Remarks:**

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

### LTE Band 4: 10MHz

Mode	TX channel 20000	Frequency Range	Above 1000 MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3430	31.41	-95.26	-63.85	-13	-50.85
2	4287.5	32.66	-95.26	-62.60	-13	-49.60
3	5145	32.06	-95.26	-63.20	-13	-50.20
4	6002.5	32.46	-95.26	-62.80	-13	-49.80
5	6860	32.7	-95.26	-62.56	-13	-49.56
6	7717.5	32.32	-95.26	-62.94	-13	-49.94

#### Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3430	31.64	-95.26	-63.62	-13	-50.62
2	4287.5	32.56	-95.26	-62.70	-13	-49.70
3	5145	32.67	-95.26	-62.59	-13	-49.59
4	6002.5	32.33	-95.26	-62.93	-13	-49.93
5	6860	32.55	-95.26	-62.71	-13	-49.71
6	7717.5	32.81	-95.26	-62.45	-13	-49.45

#### Remarks:

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

Mode	TX channel 20175	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3465	32.04	-95.26	-63.22	-13	-50.22
2	4331.25	32.53	-95.26	-62.73	-13	-49.73
3	5197.5	32.23	-95.26	-63.03	-13	-50.03
4	6063.75	32.58	-95.26	-62.68	-13	-49.68
5	6930	33.03	-95.26	-62.23	-13	-49.23
6	7796.25	33.45	-95.26	-61.81	-13	-48.81

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3465	31.24	-95.26	-64.02	-13	-51.02
2	4331.25	31.74	-95.26	-63.52	-13	-50.52
3	5197.5	32.64	-95.26	-62.62	-13	-49.62
4	6063.75	32.58	-95.26	-62.68	-13	-49.68
5	6930	32.59	-95.26	-62.67	-13	-49.67
6	7796.25	33.85	-95.26	-61.41	-13	-48.41

**Remarks:**

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



Mode	TX channel 20350	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3500	32.12	-95.26	-63.14	-13	-50.14
2	4375	32.3	-95.26	-62.96	-13	-49.96
3	5250	32.36	-95.26	-62.90	-13	-49.90
4	6125	32.41	-95.26	-62.85	-13	-49.85
5	7000	33.02	-95.26	-62.24	-13	-49.24
6	7875	32.91	-95.26	-62.35	-13	-49.35

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3500	31.69	-95.26	-63.57	-13	-50.57
2	4375	32.24	-95.26	-63.02	-13	-50.02
3	5250	32.86	-95.26	-62.40	-13	-49.40
4	6125	32.32	-95.26	-62.94	-13	-49.94
5	7000	32.84	-95.26	-62.42	-13	-49.42
6	7875	33.54	-95.26	-61.72	-13	-48.72

**Remarks:**

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

### LTE Band 4: 15MHz

Mode	TX channel 20025	Frequency Range	Above 1000 MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3435	31.44	-95.26	-63.82	-13	-50.82
2	4293.75	32.27	-95.26	-62.99	-13	-49.99
3	5152.5	31.89	-95.26	-63.37	-13	-50.37
4	6011.25	32.54	-95.26	-62.72	-13	-49.72
5	6870	32.22	-95.26	-63.04	-13	-50.04
6	7728.75	32.39	-95.26	-62.87	-13	-49.87

#### Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3435	31.57	-95.26	-63.69	-13	-50.69
2	4293.75	32.46	-95.26	-62.80	-13	-49.80
3	5152.5	32.62	-95.26	-62.64	-13	-49.64
4	6011.25	32.39	-95.26	-62.87	-13	-49.87
5	6870	32.54	-95.26	-62.72	-13	-49.72
6	7728.75	32.89	-95.26	-62.37	-13	-49.37

#### Remarks:

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

Mode	TX channel 20175	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3465	32.05	-95.26	-63.21	-13	-50.21
2	4331.25	32.6	-95.26	-62.66	-13	-49.66
3	5197.5	32.32	-95.26	-62.94	-13	-49.94
4	6063.75	32.56	-95.26	-62.70	-13	-49.70
5	6930	33.15	-95.26	-62.11	-13	-49.11
6	7796.25	33.56	-95.26	-61.70	-13	-48.70

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3465	31.34	-95.26	-63.92	-13	-50.92
2	4331.25	31.87	-95.26	-63.39	-13	-50.39
3	5197.5	32.64	-95.26	-62.62	-13	-49.62
4	6063.75	32.59	-95.26	-62.67	-13	-49.67
5	6930	32.53	-95.26	-62.73	-13	-49.73
<b>6</b>	<b>7796.25</b>	<b>33.93</b>	<b>-95.26</b>	<b>-61.33</b>	<b>-13</b>	<b>-48.33</b>

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB  $\mu$  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
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3495	32.13	-95.26	-63.13	-13	-50.13
2	4368.75	32.23	-95.26	-63.03	-13	-50.03
3	5242.5	32.13	-95.26	-63.13	-13	-50.13
4	6116.25	32.23	-95.26	-63.03	-13	-50.03
5	6990	33.02	-95.26	-62.24	-13	-49.24
6	7863.75	32.91	-95.26	-62.35	-13	-49.35

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3495	31.71	-95.26	-63.55	-13	-50.55
2	4368.75	32.37	-95.26	-62.89	-13	-49.89
3	5242.5	32.97	-95.26	-62.29	-13	-49.29
4	6116.25	32.35	-95.26	-62.91	-13	-49.91
5	6990	32.75	-95.26	-62.51	-13	-49.51
6	7863.75	33.72	-95.26	-61.54	-13	-48.54

**Remarks:**

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

**LTE Band 4: 20MHz**

Mode	TX channel 20050	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3440	31.44	-95.26	-63.82	-13	-50.82
2	4300	32.47	-95.26	-62.79	-13	-49.79
3	5160	31.3	-95.26	-63.96	-13	-50.96
4	6020	32.76	-95.26	-62.50	-13	-49.50
5	6880	32.8	-95.26	-62.46	-13	-49.46
6	7740	32.96	-95.26	-62.30	-13	-49.30

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3440	31.64	-95.26	-63.62	-13	-50.62
2	4300	32.5	-95.26	-62.76	-13	-49.76
3	5160	32.74	-95.26	-62.52	-13	-49.52
4	6020	32.3	-95.26	-62.96	-13	-49.96
5	6880	32.45	-95.26	-62.81	-13	-49.81
6	7740	32.86	-95.26	-62.40	-13	-49.40

**Remarks:**

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

Mode	TX channel 20175	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3465	32.1	-95.26	-63.16	-13	-50.16
2	4331.25	32.71	-95.26	-62.55	-13	-49.55
3	5197.5	32.38	-95.26	-62.88	-13	-49.88
4	6063.75	32.38	-95.26	-62.88	-13	-49.88
5	6930	33.02	-95.26	-62.24	-13	-49.24
6	7796.25	33.37	-95.26	-61.89	-13	-48.89

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3465	31.23	-95.26	-64.03	-13	-51.03
2	4331.25	31.96	-95.26	-63.30	-13	-50.30
3	5197.5	32.48	-95.26	-62.78	-13	-49.78
4	6063.75	32.71	-95.26	-62.55	-13	-49.55
5	6930	32.66	-95.26	-62.60	-13	-49.60
6	7796.25	33.77	-95.26	-61.49	-13	-48.49

**Remarks:**

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

Mode	TX channel 20300	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3490	31.89	-95.26	-63.37	-13	-50.37
2	4362.5	32.32	-95.26	-62.94	-13	-49.94
3	5235	32.37	-95.26	-62.89	-13	-49.89
4	6107.5	32.46	-95.26	-62.80	-13	-49.80
5	6980	32.93	-95.26	-62.33	-13	-49.33
6	7852.5	33.01	-95.26	-62.25	-13	-49.25

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3490	31.7	-95.26	-63.56	-13	-50.56
2	4362.5	32.32	-95.26	-62.94	-13	-49.94
3	5235	32.82	-95.26	-62.44	-13	-49.44
4	6107.5	32.17	-95.26	-63.09	-13	-50.09
5	6980	32.82	-95.26	-62.44	-13	-49.44
6	7852.5	33.6	-95.26	-61.66	-13	-48.66

**Remarks:**

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB  $\mu$  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	Above 1000 MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	1399.4	31.46	-95.26	-63.80	-13	-50.80
2	1749.25	32.61	-95.26	-62.65	-13	-49.65
3	2099.1	31.69	-95.26	-63.57	-13	-50.57
4	2448.95	32.21	-95.26	-63.05	-13	-50.05
5	2798.8	32.45	-95.26	-62.81	-13	-49.81
6	3148.65	32.55	-95.26	-62.71	-13	-49.71

#### Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	1399.4	31.6	-95.26	-63.66	-13	-50.66
2	1749.25	32.59	-95.26	-62.67	-13	-49.67
3	2099.1	32.68	-95.26	-62.58	-13	-49.58
4	2448.95	32.4	-95.26	-62.86	-13	-49.86
5	2798.8	32.53	-95.26	-62.73	-13	-49.73
6	3148.65	32.96	-95.26	-62.30	-13	-49.30

#### Remarks:

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



Mode	TX channel 23095	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	1415	31.9	-95.26	-63.36	-13	-50.36
2	1768.75	32.68	-95.26	-62.58	-13	-49.58
3	2122.5	32.2	-95.26	-63.06	-13	-50.06
4	2476.25	32.4	-95.26	-62.86	-13	-49.86
5	2830	33.21	-95.26	-62.05	-13	-49.05
6	3183.75	33.35	-95.26	-61.91	-13	-48.91

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	1415	31.46	-95.26	-63.80	-13	-50.80
2	1768.75	31.78	-95.26	-63.48	-13	-50.48
3	2122.5	32.6	-95.26	-62.66	-13	-49.66
4	2476.25	32.73	-95.26	-62.53	-13	-49.53
5	2830	32.71	-95.26	-62.55	-13	-49.55
6	3183.75	33.86	-95.26	-61.40	-13	-48.40

**Remarks:**

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB  $\mu$  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
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	1430.6	32.07	-95.26	-63.19	-13	-50.19
2	1788.25	32.23	-95.26	-63.03	-13	-50.03
3	2145.9	32.16	-95.26	-63.10	-13	-50.10
4	2503.55	32.32	-95.26	-62.94	-13	-49.94
5	2861.2	32.84	-95.26	-62.42	-13	-49.42
6	3218.85	32.96	-95.26	-62.30	-13	-49.30

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	1430.6	31.68	-95.26	-63.58	-13	-50.58
2	1788.25	32.48	-95.26	-62.78	-13	-49.78
3	2145.9	32.77	-95.26	-62.49	-13	-49.49
4	2503.55	32.3	-95.26	-62.96	-13	-49.96
5	2861.2	32.85	-95.26	-62.41	-13	-49.41
6	3218.85	33.7	-95.26	-61.56	-13	-48.56

**Remarks:**

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

### LTE Band 12: 3MHz

Mode	TX channel 23025	Frequency Range	Above 1000 MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	1401	31.39	-95.26	-63.87	-13	-50.87
2	1751.25	32.18	-95.26	-63.08	-13	-50.08
3	2101.5	31.3	-95.26	-63.96	-13	-50.96
4	2451.75	32.12	-95.26	-63.14	-13	-50.14
5	2802	32.11	-95.26	-63.15	-13	-50.15
6	3152.25	33.04	-95.26	-62.22	-13	-49.22

#### Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	1401	31.56	-95.26	-63.70	-13	-50.70
2	1751.25	32.48	-95.26	-62.78	-13	-49.78
3	2101.5	32.64	-95.26	-62.62	-13	-49.62
4	2451.75	32.26	-95.26	-63.00	-13	-50.00
5	2802	32.58	-95.26	-62.68	-13	-49.68
6	3152.25	32.96	-95.26	-62.30	-13	-49.30

#### Remarks:

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

Mode	TX channel 23095	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	1415	31.9	-95.26	-63.36	-13	-50.36
2	1768.75	32.54	-95.26	-62.72	-13	-49.72
3	2122.5	32.39	-95.26	-62.87	-13	-49.87
4	2476.25	32.58	-95.26	-62.68	-13	-49.68
5	2830	33.05	-95.26	-62.21	-13	-49.21
6	3183.75	33.47	-95.26	-61.79	-13	-48.79

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	1415	31.24	-95.26	-64.02	-13	-51.02
2	1768.75	31.88	-95.26	-63.38	-13	-50.38
3	2122.5	32.61	-95.26	-62.65	-13	-49.65
4	2476.25	32.62	-95.26	-62.64	-13	-49.64
5	2830	32.54	-95.26	-62.72	-13	-49.72
6	3183.75	33.78	-95.26	-61.48	-13	-48.48

**Remarks:**

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

Mode	TX channel 23165	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	1429	31.96	-95.26	-63.30	-13	-50.30
2	1786.25	32.26	-95.26	-63.00	-13	-50.00
3	2143.5	32.3	-95.26	-62.96	-13	-49.96
4	2500.75	32.41	-95.26	-62.85	-13	-49.85
5	2858	33.06	-95.26	-62.20	-13	-49.20
6	3215.25	32.91	-95.26	-62.35	-13	-49.35

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	1429	31.71	-95.26	-63.55	-13	-50.55
2	1786.25	32.26	-95.26	-63.00	-13	-50.00
3	2143.5	33.01	-95.26	-62.25	-13	-49.25
4	2500.75	32.37	-95.26	-62.89	-13	-49.89
5	2858	32.78	-95.26	-62.48	-13	-49.48
6	3215.25	33.59	-95.26	-61.67	-13	-48.67

**Remarks:**

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

**LTE Band 12: 5MHz**

Mode	TX channel 23035	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	1403	31.48	-95.26	-63.78	-13	-50.78
2	1753.75	32	-95.26	-63.26	-13	-50.26
3	2104.5	31.76	-95.26	-63.50	-13	-50.50
4	2455.25	32.46	-95.26	-62.80	-13	-49.80
5	2806	32.67	-95.26	-62.59	-13	-49.59
6	3156.75	32.47	-95.26	-62.79	-13	-49.79

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	1403	31.78	-95.26	-63.48	-13	-50.48
2	1753.75	32.58	-95.26	-62.68	-13	-49.68
3	2104.5	32.62	-95.26	-62.64	-13	-49.64
4	2455.25	32.37	-95.26	-62.89	-13	-49.89
5	2806	32.43	-95.26	-62.83	-13	-49.83
6	3156.75	32.97	-95.26	-62.29	-13	-49.29

**Remarks:**

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

Mode	TX channel 23095	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	1415	31.89	-95.26	-63.37	-13	-50.37
2	1768.75	32.56	-95.26	-62.70	-13	-49.70
3	2122.5	32.27	-95.26	-62.99	-13	-49.99
4	2476.25	32.58	-95.26	-62.68	-13	-49.68
5	2830	33.1	-95.26	-62.16	-13	-49.16
6	3183.75	33.54	-95.26	-61.72	-13	-48.72

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	1415	31.26	-95.26	-64.00	-13	-51.00
2	1768.75	31.78	-95.26	-63.48	-13	-50.48
3	2122.5	32.48	-95.26	-62.78	-13	-49.78
4	2476.25	32.51	-95.26	-62.75	-13	-49.75
5	2830	32.65	-95.26	-62.61	-13	-49.61
6	3183.75	33.91	-95.26	-61.35	-13	-48.35

**Remarks:**

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

Mode	TX channel 23155	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	1427	32.09	-95.26	-63.17	-13	-50.17
2	1783.75	32.4	-95.26	-62.86	-13	-49.86
3	2140.5	32.22	-95.26	-63.04	-13	-50.04
4	2497.25	32.36	-95.26	-62.90	-13	-49.90
5	2854	32.94	-95.26	-62.32	-13	-49.32
6	3210.75	33.09	-95.26	-62.17	-13	-49.17

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	1427	31.54	-95.26	-63.72	-13	-50.72
2	1783.75	32.24	-95.26	-63.02	-13	-50.02
3	2140.5	32.78	-95.26	-62.48	-13	-49.48
4	2497.25	32.4	-95.26	-62.86	-13	-49.86
5	2854	32.85	-95.26	-62.41	-13	-49.41
6	3210.75	33.66	-95.26	-61.60	-13	-48.60

**Remarks:**

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



**LTE Band 12: 10MHz**

Mode	TX channel 23060	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	1408	31.53	-95.26	-63.73	-13	-50.73
2	1760	32.63	-95.26	-62.63	-13	-49.63
3	2112	31.73	-95.26	-63.53	-13	-50.53
4	2464	32.87	-95.26	-62.39	-13	-49.39
5	2816	32.92	-95.26	-62.34	-13	-49.34
6	3168	32.26	-95.26	-63.00	-13	-50.00

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	1408	31.77	-95.26	-63.49	-13	-50.49
2	1760	32.36	-95.26	-62.90	-13	-49.90
3	2112	32.61	-95.26	-62.65	-13	-49.65
4	2464	32.42	-95.26	-62.84	-13	-49.84
5	2816	32.53	-95.26	-62.73	-13	-49.73
6	3168	32.89	-95.26	-62.37	-13	-49.37

**Remarks:**

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

Mode	TX channel 23095	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	1415	32.02	-95.26	-63.24	-13	-50.24
2	1768.75	32.59	-95.26	-62.67	-13	-49.67
3	2122.5	32.21	-95.26	-63.05	-13	-50.05
4	2476.25	32.52	-95.26	-62.74	-13	-49.74
5	2830	33.24	-95.26	-62.02	-13	-49.02
6	3183.75	33.5	-95.26	-61.76	-13	-48.76

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	1415	31.3	-95.26	-63.96	-13	-50.96
2	1768.75	31.88	-95.26	-63.38	-13	-50.38
3	2122.5	32.53	-95.26	-62.73	-13	-49.73
4	2476.25	32.61	-95.26	-62.65	-13	-49.65
5	2830	32.72	-95.26	-62.54	-13	-49.54
6	3183.75	33.79	-95.26	-61.47	-13	-48.47

**Remarks:**

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB  $\mu$  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
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	1422	32.12	-95.26	-63.14	-13	-50.14
2	1777.5	32.24	-95.26	-63.02	-13	-50.02
3	2133	32.18	-95.26	-63.08	-13	-50.08
4	2488.5	32.24	-95.26	-63.02	-13	-50.02
5	2844	33.07	-95.26	-62.19	-13	-49.19
6	3199.5	32.97	-95.26	-62.29	-13	-49.29

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	1422	31.6	-95.26	-63.66	-13	-50.66
2	1777.5	32.31	-95.26	-62.95	-13	-49.95
3	2133	32.93	-95.26	-62.33	-13	-49.33
4	2488.5	32.19	-95.26	-63.07	-13	-50.07
5	2844	32.79	-95.26	-62.47	-13	-49.47
6	3199.5	33.65	-95.26	-61.61	-13	-48.61

**Remarks:**

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

**LTE Band 66: 1.4MHz**

Mode	TX channel 131979	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3421.4	31.37	-95.26	-63.89	-13	-50.89
2	4276.75	32.08	-95.26	-63.18	-13	-50.18
3	5132.1	31.88	-95.26	-63.38	-13	-50.38
4	5987.45	32.55	-95.26	-62.71	-13	-49.71
5	6842.8	32.71	-95.26	-62.55	-13	-49.55
6	7698.15	32.62	-95.26	-62.64	-13	-49.64

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3421.4	31.59	-95.26	-63.67	-13	-50.67
2	4276.75	32.55	-95.26	-62.71	-13	-49.71
3	5132.1	32.63	-95.26	-62.63	-13	-49.63
4	5987.45	32.38	-95.26	-62.88	-13	-49.88
5	6842.8	32.59	-95.26	-62.67	-13	-49.67
6	7698.15	32.86	-95.26	-62.40	-13	-49.40

**Remarks:**

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

Mode	TX channel 132322	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3490	31.98	-95.26	-63.28	-13	-50.28
2	4362.5	32.54	-95.26	-62.72	-13	-49.72
3	5235	32.33	-95.26	-62.93	-13	-49.93
4	6107.5	32.46	-95.26	-62.80	-13	-49.80
5	6980	33.22	-95.26	-62.04	-13	-49.04
6	7852.5	33.5	-95.26	-61.76	-13	-48.76

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3490	31.41	-95.26	-63.85	-13	-50.85
2	4362.5	31.81	-95.26	-63.45	-13	-50.45
3	5235	32.69	-95.26	-62.57	-13	-49.57
4	6107.5	32.6	-95.26	-62.66	-13	-49.66
5	6980	32.75	-95.26	-62.51	-13	-49.51
6	7852.5	33.73	-95.26	-61.53	-13	-48.53

**Remarks:**

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

Mode	TX channel 132665	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3558.6	31.97	-95.26	-63.29	-13	-50.29
2	4448.25	32.3	-95.26	-62.96	-13	-49.96
3	5337.9	32.38	-95.26	-62.88	-13	-49.88
4	6227.55	32.36	-95.26	-62.90	-13	-49.90
5	7117.2	32.95	-95.26	-62.31	-13	-49.31
6	8006.85	33.05	-95.26	-62.21	-13	-49.21

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3558.6	31.6	-95.26	-63.66	-13	-50.66
2	4448.25	32.42	-95.26	-62.84	-13	-49.84
3	5337.9	32.77	-95.26	-62.49	-13	-49.49
4	6227.55	32.18	-95.26	-63.08	-13	-50.08
5	7117.2	32.99	-95.26	-62.27	-13	-49.27
6	8006.85	33.61	-95.26	-61.65	-13	-48.65

**Remarks:**

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

**LTE Band 66: 3MHz**

Mode	TX channel 131987	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3423	31.56	-95.26	-63.70	-13	-50.70
2	4278.75	32.54	-95.26	-62.72	-13	-49.72
3	5134.5	31.87	-95.26	-63.39	-13	-50.39
4	5990.25	32.36	-95.26	-62.90	-13	-49.90
5	6846	32.32	-95.26	-62.94	-13	-49.94
6	7701.75	32.79	-95.26	-62.47	-13	-49.47

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3423	31.72	-95.26	-63.54	-13	-50.54
2	4278.75	32.4	-95.26	-62.86	-13	-49.86
3	5134.5	32.55	-95.26	-62.71	-13	-49.71
4	5990.25	32.42	-95.26	-62.84	-13	-49.84
5	6846	32.59	-95.26	-62.67	-13	-49.67
6	7701.75	32.77	-95.26	-62.49	-13	-49.49

**Remarks:**

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

Mode	TX channel 132322	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3490	32.07	-95.26	-63.19	-13	-50.19
2	4362.5	32.49	-95.26	-62.77	-13	-49.77
3	5235	32.16	-95.26	-63.10	-13	-50.10
4	6107.5	32.41	-95.26	-62.85	-13	-49.85
5	6980	33.11	-95.26	-62.15	-13	-49.15
6	7852.5	33.41	-95.26	-61.85	-13	-48.85

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3490	31.23	-95.26	-64.03	-13	-51.03
2	4362.5	31.82	-95.26	-63.44	-13	-50.44
3	5235	32.44	-95.26	-62.82	-13	-49.82
4	6107.5	32.49	-95.26	-62.77	-13	-49.77
5	6980	32.54	-95.26	-62.72	-13	-49.72
<b>6</b>	<b>7852.5</b>	<b>33.93</b>	<b>-95.26</b>	<b>-61.33</b>	<b>-13</b>	<b>-48.33</b>

Remarks:

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



Mode	TX channel 132657	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3557	32.08	-95.26	-63.18	-13	-50.18
2	4446.25	32.34	-95.26	-62.92	-13	-49.92
3	5335.5	32.37	-95.26	-62.89	-13	-49.89
4	6224.75	32.27	-95.26	-62.99	-13	-49.99
5	7114	32.86	-95.26	-62.40	-13	-49.40
6	8003.25	33.06	-95.26	-62.20	-13	-49.20

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3557	31.69	-95.26	-63.57	-13	-50.57
2	4446.25	32.33	-95.26	-62.93	-13	-49.93
3	5335.5	32.84	-95.26	-62.42	-13	-49.42
4	6224.75	32.17	-95.26	-63.09	-13	-50.09
5	7114	32.79	-95.26	-62.47	-13	-49.47
6	8003.25	33.62	-95.26	-61.64	-13	-48.64

**Remarks:**

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

**LTE Band 66: 5MHz**

Mode	TX channel 131997	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3425	31.44	-95.26	-63.82	-13	-50.82
2	4281.25	32.7	-95.26	-62.56	-13	-49.56
3	5137.5	31.28	-95.26	-63.98	-13	-50.98
4	5993.75	32.21	-95.26	-63.05	-13	-50.05
5	6850	32.44	-95.26	-62.82	-13	-49.82
6	7706.25	32.2	-95.26	-63.06	-13	-50.06

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3425	31.77	-95.26	-63.49	-13	-50.49
2	4281.25	32.38	-95.26	-62.88	-13	-49.88
3	5137.5	32.57	-95.26	-62.69	-13	-49.69
4	5993.75	32.29	-95.26	-62.97	-13	-49.97
5	6850	32.54	-95.26	-62.72	-13	-49.72
6	7706.25	32.96	-95.26	-62.30	-13	-49.30

**Remarks:**

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

Mode	TX channel 132322	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3490	31.91	-95.26	-63.35	-13	-50.35
2	4362.5	32.67	-95.26	-62.59	-13	-49.59
3	5235	32.3	-95.26	-62.96	-13	-49.96
4	6107.5	32.52	-95.26	-62.74	-13	-49.74
5	6980	33.14	-95.26	-62.12	-13	-49.12
6	7852.5	33.41	-95.26	-61.85	-13	-48.85

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3490	31.28	-95.26	-63.98	-13	-50.98
2	4362.5	31.9	-95.26	-63.36	-13	-50.36
3	5235	32.66	-95.26	-62.60	-13	-49.60
4	6107.5	32.51	-95.26	-62.75	-13	-49.75
5	6980	32.7	-95.26	-62.56	-13	-49.56
6	7852.5	33.82	-95.26	-61.44	-13	-48.44

**Remarks:**

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

Mode	TX channel 132647	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3555	32.05	-95.26	-63.21	-13	-50.21
2	4443.75	32.36	-95.26	-62.90	-13	-49.90
3	5332.5	32.3	-95.26	-62.96	-13	-49.96
4	6221.25	32.38	-95.26	-62.88	-13	-49.88
5	7110	33.04	-95.26	-62.22	-13	-49.22
6	7998.75	33.03	-95.26	-62.23	-13	-49.23

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3555	31.63	-95.26	-63.63	-13	-50.63
2	4443.75	32.37	-95.26	-62.89	-13	-49.89
3	5332.5	32.95	-95.26	-62.31	-13	-49.31
4	6221.25	32.25	-95.26	-63.01	-13	-50.01
5	7110	32.75	-95.26	-62.51	-13	-49.51
6	7998.75	33.69	-95.26	-61.57	-13	-48.57

**Remarks:**

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

**LTE Band 66: 10MHz**

Mode	TX channel 132022	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3430	31.43	-95.26	-63.83	-13	-50.83
2	4287.5	32.03	-95.26	-63.23	-13	-50.23
3	5145	31.21	-95.26	-64.05	-13	-51.05
4	6002.5	33.05	-95.26	-62.21	-13	-49.21
5	6860	32.64	-95.26	-62.62	-13	-49.62
6	7717.5	32.2	-95.26	-63.06	-13	-50.06

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3430	31.54	-95.26	-63.72	-13	-50.72
2	4287.5	32.39	-95.26	-62.87	-13	-49.87
3	5145	32.57	-95.26	-62.69	-13	-49.69
4	6002.5	32.37	-95.26	-62.89	-13	-49.89
5	6860	32.41	-95.26	-62.85	-13	-49.85
6	7717.5	32.96	-95.26	-62.30	-13	-49.30

**Remarks:**

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

Mode	TX channel 132322	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3490	32.01	-95.26	-63.25	-13	-50.25
2	4362.5	32.57	-95.26	-62.69	-13	-49.69
3	5235	32.39	-95.26	-62.87	-13	-49.87
4	6107.5	32.49	-95.26	-62.77	-13	-49.77
5	6980	33.06	-95.26	-62.20	-13	-49.20
6	7852.5	33.56	-95.26	-61.70	-13	-48.70

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3490	31.44	-95.26	-63.82	-13	-50.82
2	4362.5	31.88	-95.26	-63.38	-13	-50.38
3	5235	32.47	-95.26	-62.79	-13	-49.79
4	6107.5	32.54	-95.26	-62.72	-13	-49.72
5	6980	32.71	-95.26	-62.55	-13	-49.55
6	7852.5	33.92	-95.26	-61.34	-13	-48.34

**Remarks:**

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

Mode	TX channel 132622	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3550	31.96	-95.26	-63.30	-13	-50.30
2	4437.5	32.21	-95.26	-63.05	-13	-50.05
3	5325	32.29	-95.26	-62.97	-13	-49.97
4	6212.5	32.3	-95.26	-62.96	-13	-49.96
5	7100	32.86	-95.26	-62.40	-13	-49.40
6	7987.5	33.04	-95.26	-62.22	-13	-49.22

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3550	31.69	-95.26	-63.57	-13	-50.57
2	4437.5	32.31	-95.26	-62.95	-13	-49.95
3	5325	32.77	-95.26	-62.49	-13	-49.49
4	6212.5	32.2	-95.26	-63.06	-13	-50.06
5	7100	32.98	-95.26	-62.28	-13	-49.28
6	7987.5	33.55	-95.26	-61.71	-13	-48.71

**Remarks:**

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

**LTE Band 66: 15MHz**

Mode	TX channel 132047	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3435	31.51	-95.26	-63.75	-13	-50.75
2	4293.75	32.5	-95.26	-62.76	-13	-49.76
3	5152.5	31.26	-95.26	-64.00	-13	-51.00
4	6011.25	32.88	-95.26	-62.38	-13	-49.38
5	6870	33.03	-95.26	-62.23	-13	-49.23
6	7728.75	32.82	-95.26	-62.44	-13	-49.44

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3435	31.63	-95.26	-63.63	-13	-50.63
2	4293.75	32.59	-95.26	-62.67	-13	-49.67
3	5152.5	32.7	-95.26	-62.56	-13	-49.56
4	6011.25	32.31	-95.26	-62.95	-13	-49.95
5	6870	32.59	-95.26	-62.67	-13	-49.67
6	7728.75	32.91	-95.26	-62.35	-13	-49.35

**Remarks:**

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



Mode	TX channel 132322	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3490	32.05	-95.26	-63.21	-13	-50.21
2	4362.5	32.6	-95.26	-62.66	-13	-49.66
3	5235	32.31	-95.26	-62.95	-13	-49.95
4	6107.5	32.49	-95.26	-62.77	-13	-49.77
5	6980	33.01	-95.26	-62.25	-13	-49.25
6	7852.5	33.46	-95.26	-61.80	-13	-48.80

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3490	31.22	-95.26	-64.04	-13	-51.04
2	4362.5	31.87	-95.26	-63.39	-13	-50.39
3	5235	32.62	-95.26	-62.64	-13	-49.64
4	6107.5	32.67	-95.26	-62.59	-13	-49.59
5	6980	32.67	-95.26	-62.59	-13	-49.59
6	7852.5	33.85	-95.26	-61.41	-13	-48.41

**Remarks:**

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

Mode	TX channel 132597	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3545	31.99	-95.26	-63.27	-13	-50.27
2	4431.25	32.4	-95.26	-62.86	-13	-49.86
3	5317.5	32.33	-95.26	-62.93	-13	-49.93
4	6203.75	32.4	-95.26	-62.86	-13	-49.86
5	7090	32.9	-95.26	-62.36	-13	-49.36
6	7976.25	33.13	-95.26	-62.13	-13	-49.13

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3545	31.67	-95.26	-63.59	-13	-50.59
2	4431.25	32.42	-95.26	-62.84	-13	-49.84
3	5317.5	32.76	-95.26	-62.50	-13	-49.50
4	6203.75	32.38	-95.26	-62.88	-13	-49.88
5	7090	32.88	-95.26	-62.38	-13	-49.38
6	7976.25	33.74	-95.26	-61.52	-13	-48.52

**Remarks:**

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

**LTE Band 66: 20MHz**

Mode	TX channel 132072	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3440	31.37	-95.26	-63.89	-13	-50.89
2	4300	31.93	-95.26	-63.33	-13	-50.33
3	5160	32.09	-95.26	-63.17	-13	-50.17
4	6020	32.09	-95.26	-63.17	-13	-50.17
5	6880	32.71	-95.26	-62.55	-13	-49.55
6	7740	32.99	-95.26	-62.27	-13	-49.27

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3440	31.59	-95.26	-63.67	-13	-50.67
2	4300	32.49	-95.26	-62.77	-13	-49.77
3	5160	32.73	-95.26	-62.53	-13	-49.53
4	6020	32.37	-95.26	-62.89	-13	-49.89
5	6880	32.56	-95.26	-62.70	-13	-49.70
6	7740	32.8	-95.26	-62.46	-13	-49.46

**Remarks:**

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

Mode	TX channel 132322	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3490	32.04	-95.26	-63.22	-13	-50.22
2	4362.5	32.58	-95.26	-62.68	-13	-49.68
3	5235	32.24	-95.26	-63.02	-13	-50.02
4	6107.5	32.4	-95.26	-62.86	-13	-49.86
5	6980	33.12	-95.26	-62.14	-13	-49.14
6	7852.5	33.52	-95.26	-61.74	-13	-48.74

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3490	31.4	-95.26	-63.86	-13	-50.86
2	4362.5	31.95	-95.26	-63.31	-13	-50.31
3	5235	32.49	-95.26	-62.77	-13	-49.77
4	6107.5	32.56	-95.26	-62.70	-13	-49.70
5	6980	32.68	-95.26	-62.58	-13	-49.58
<b>6</b>	<b>7852.5</b>	<b>33.93</b>	<b>-95.26</b>	<b>-61.33</b>	<b>-13</b>	<b>-48.33</b>

Remarks:

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

Mode	TX channel 132572	Frequency Range	Above 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3540	32	-95.26	-63.26	-13	-50.26
2	4425	32.29	-95.26	-62.97	-13	-49.97
3	5310	32.21	-95.26	-63.05	-13	-50.05
4	6195	32.27	-95.26	-62.99	-13	-49.99
5	7080	32.91	-95.26	-62.35	-13	-49.35
6	7965	33	-95.26	-62.26	-13	-49.26

**Antenna Polarity & Test Distance: Vertical at 3 M**

No.	Freq. (MHz)	Reading (dB $\mu$ V/m)	Correction Factor (dB)	Emission (dBm)	Limit (dBm)	Margin (dB)
1	3540	31.5	-95.26	-63.76	-13	-50.76
2	4425	32.45	-95.26	-62.81	-13	-49.81
3	5310	32.92	-95.26	-62.34	-13	-49.34
4	6195	32.18	-95.26	-63.08	-13	-50.08
5	7080	32.9	-95.26	-62.36	-13	-49.36
6	7965	33.57	-95.26	-61.69	-13	-48.69

**Remarks:**

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB  $\mu$  V/m) - Correction Factor @ 3m.
2. Correction Factor (dB) =  $20\log(D) - 104.8$ ; 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.

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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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