

## 4.6 Conducted Spurious Emissions

### 4.6.1 Limits of Conducted Spurious Emissions Measurement

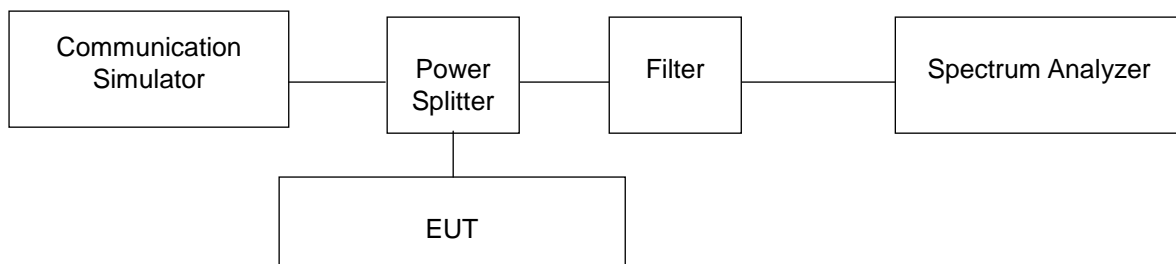
According to FCC 27.53(a)(4) For mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands: (i) By a factor of not less than:  $43 + 10 \log (P)$  dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s)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

According to FCC 27.53(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.

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

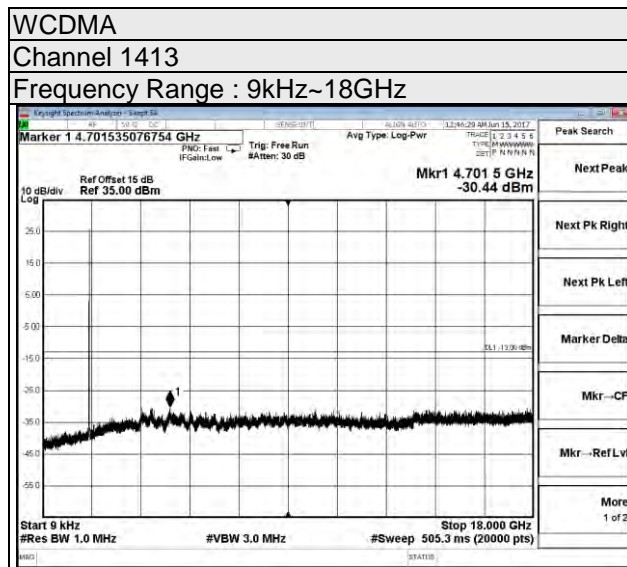
### 4.6.2 Test Setup



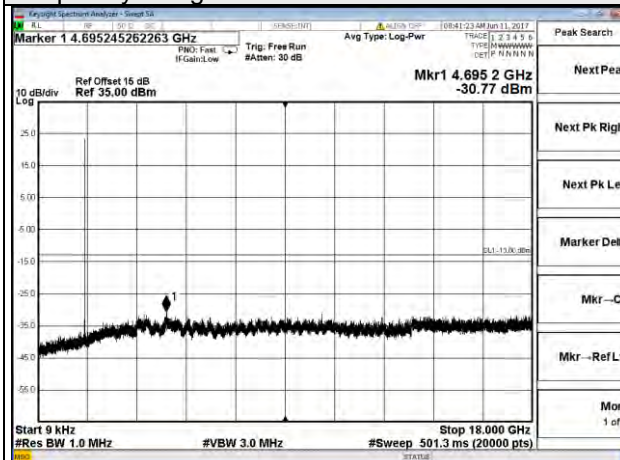
#### 4.6.3 Test Procedure

- a. All measurements were done at 3 channels: low, middle and high operational frequency range.
- b. When the spectrum scanned from 9 kHz to suitable frequency, it shall be connected to the 20dB pad attenuated the carried frequency.

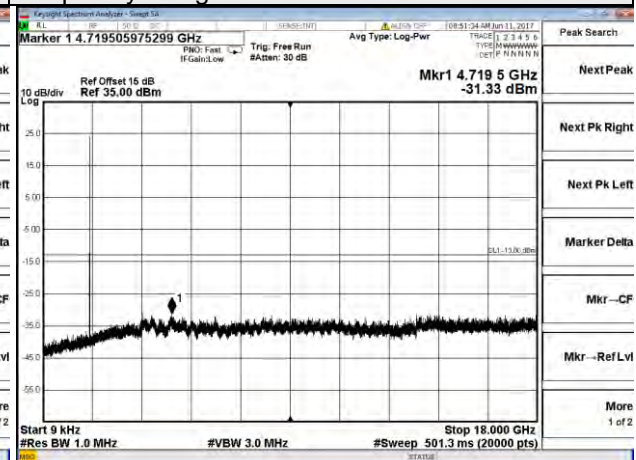
#### 4.6.5 Test Results (Subcontract Item)



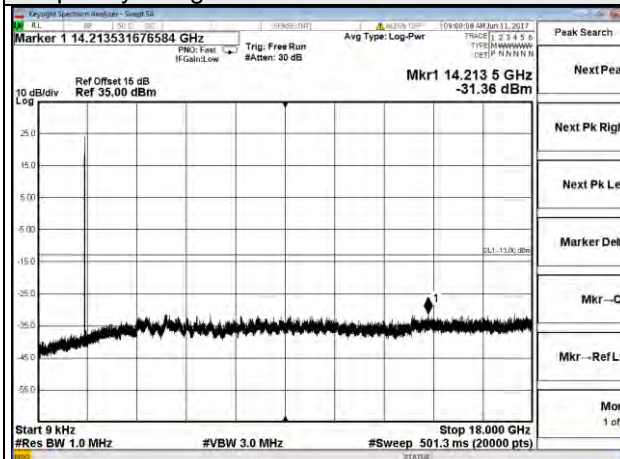
LTE Band 4 Channel Band width: 1.4MHz  
Channel 20175  
Frequency Range : 9kHz~18GHz



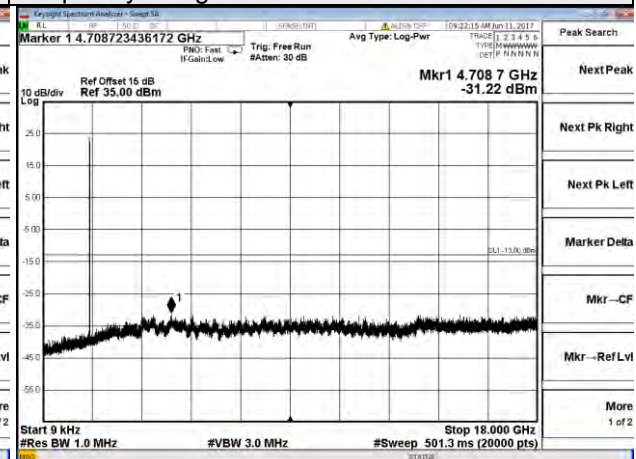
LTE Band 4 Channel Band width: 3MHz  
Channel 20175  
Frequency Range : 9kHz~18GHz



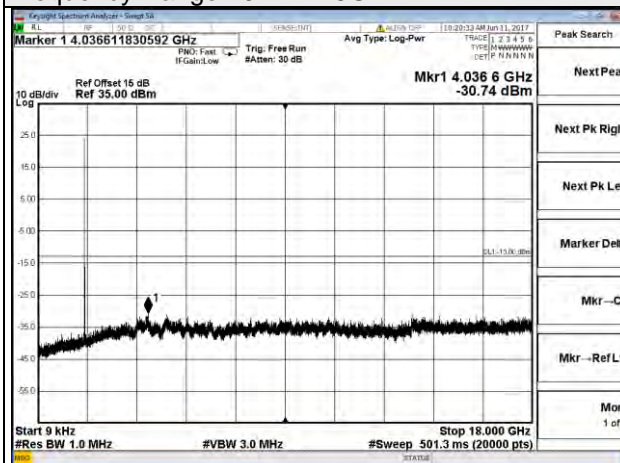
LTE Band 4 Channel Band width: 5MHz  
Channel 20175  
Frequency Range : 9kHz~18GHz



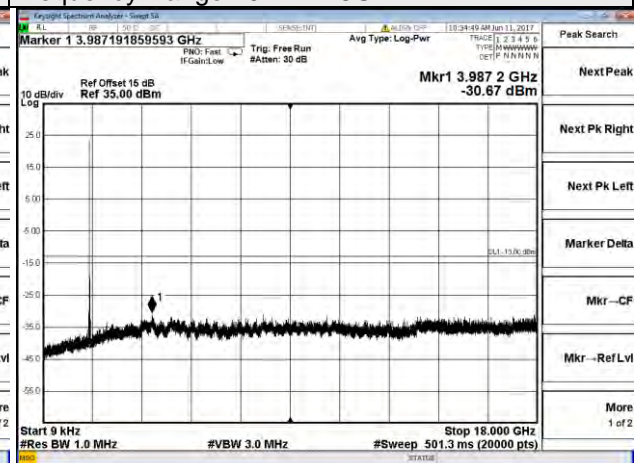
LTE Band 4 Channel Band width: 10MHz  
Channel 20175  
Frequency Range : 9kHz~18GHz



LTE Band 4 Channel Band width: 15MHz  
Channel 20175  
Frequency Range : 9kHz~18GHz



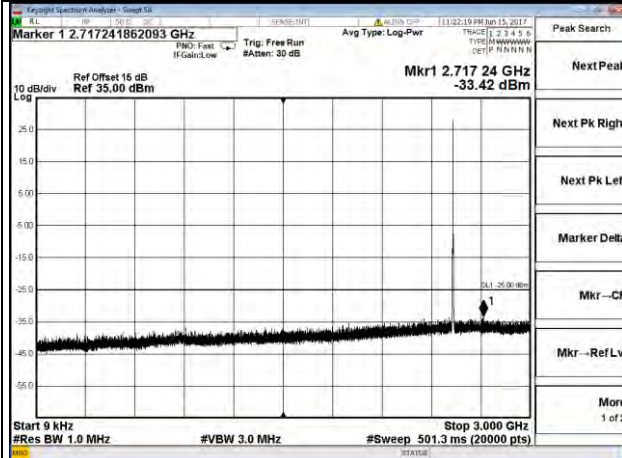
LTE Band 4 Channel Band width: 20MHz  
Channel 20175  
Frequency Range : 9kHz~18GHz



LTE Band 7 Channel Band width: 5MHz

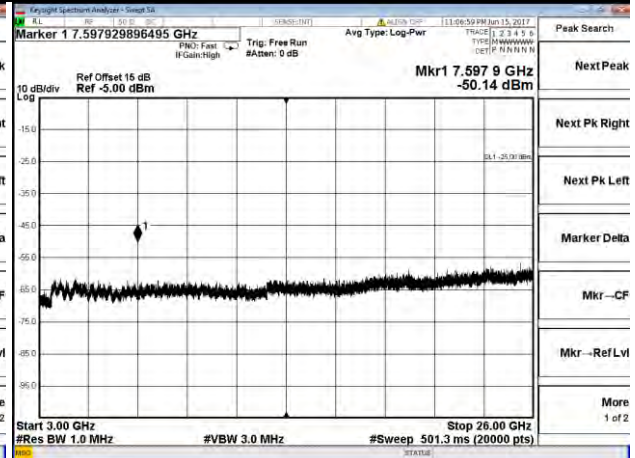
Channel 21100

Frequency Range : 9kHz~3GHz



Channel 21100

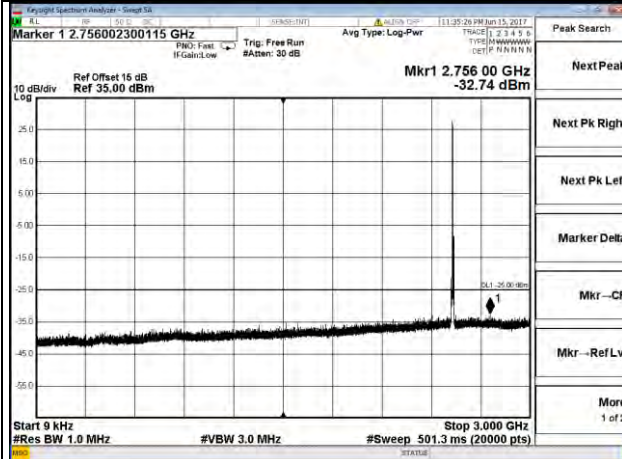
Frequency Range : 3kHz~26GHz



LTE Band 7 Channel Band width: 10MHz

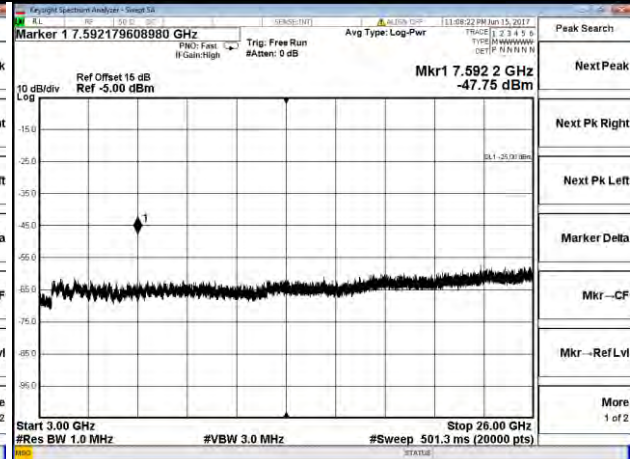
Channel 21100

Frequency Range : 9kHz~3GHz



Channel 21100

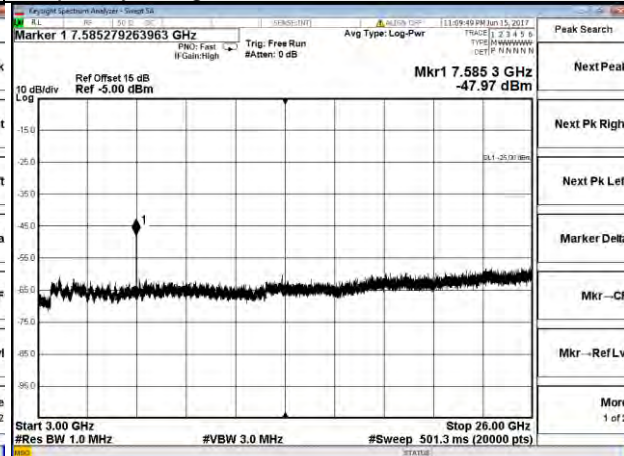
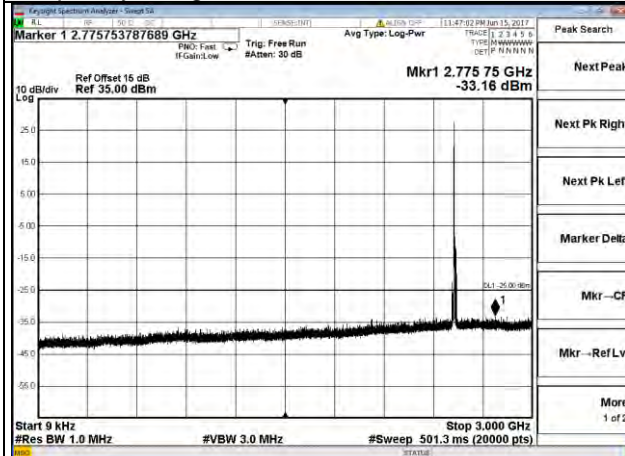
Frequency Range : 3kHz~26GHz



LTE Band 7 Channel Band width: 15MHz

Channel 21100  
Frequency Range : 9kHz~3GHz

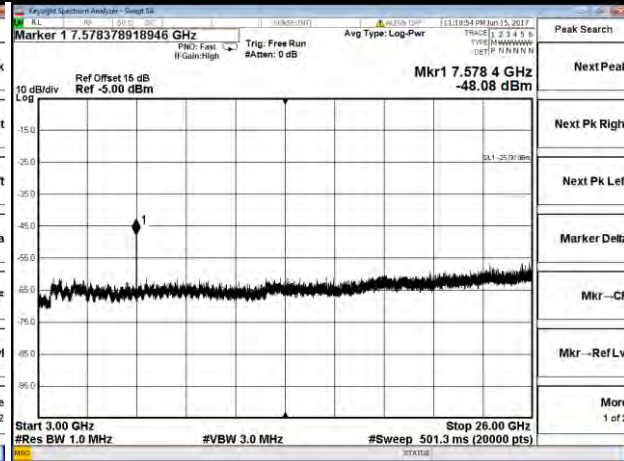
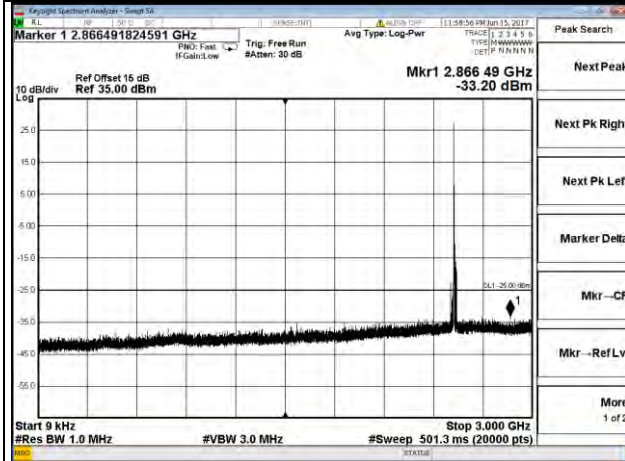
Channel 21100  
Frequency Range : 3kHz~26GHz



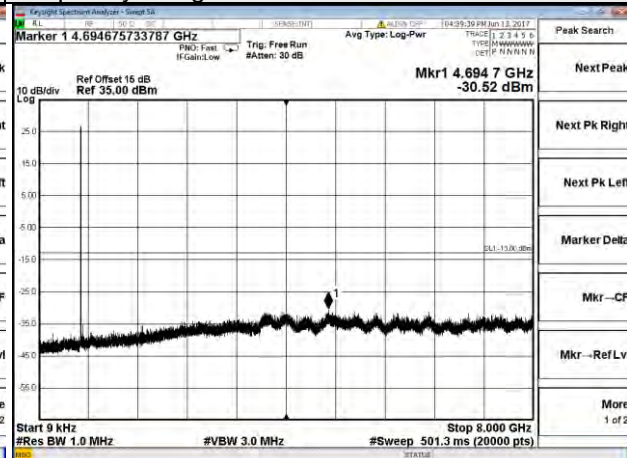
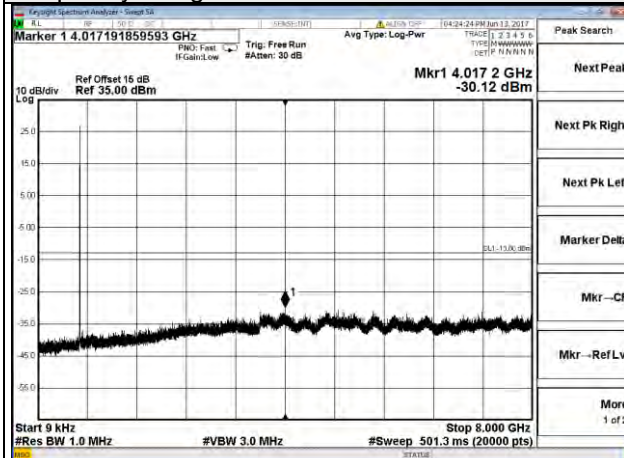
LTE Band 7 Channel Band width: 20MHz

Channel 21100  
Frequency Range : 9kHz~3GHz

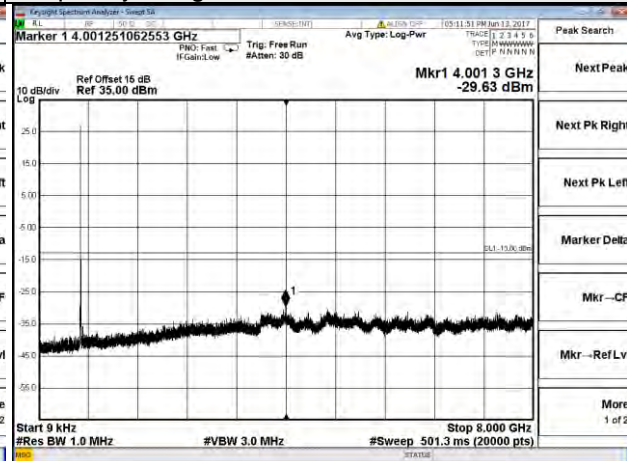
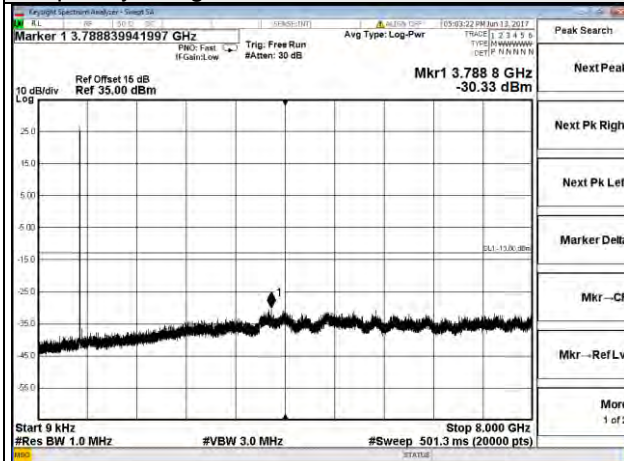
Channel 21100  
Frequency Range : 3kHz~26GHz



LTE Band 12 Channel Band width: 1.4MHz	LTE Band 12 Channel Band width: 3MHz
Channel 23095	Channel 23095
Frequency Range : 9kHz~8GHz	Frequency Range : 9kHz~8GHz

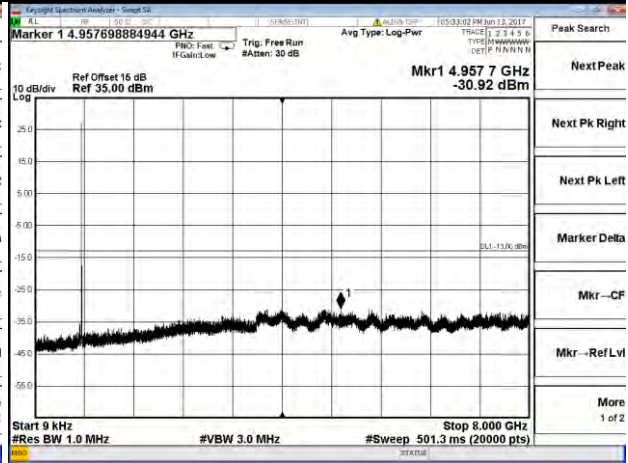
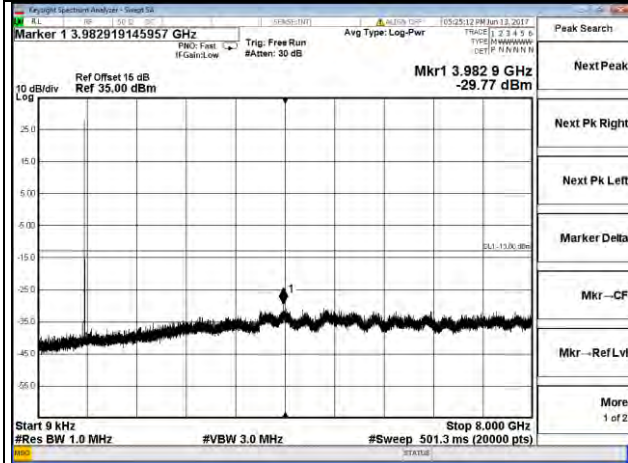


LTE Band 12 Channel Band width: 5MHz	LTE Band 12 Channel Band width: 10MHz
Channel 23095	Channel 23095
Frequency Range : 9kHz~8GHz	Frequency Range : 9kHz~8GHz



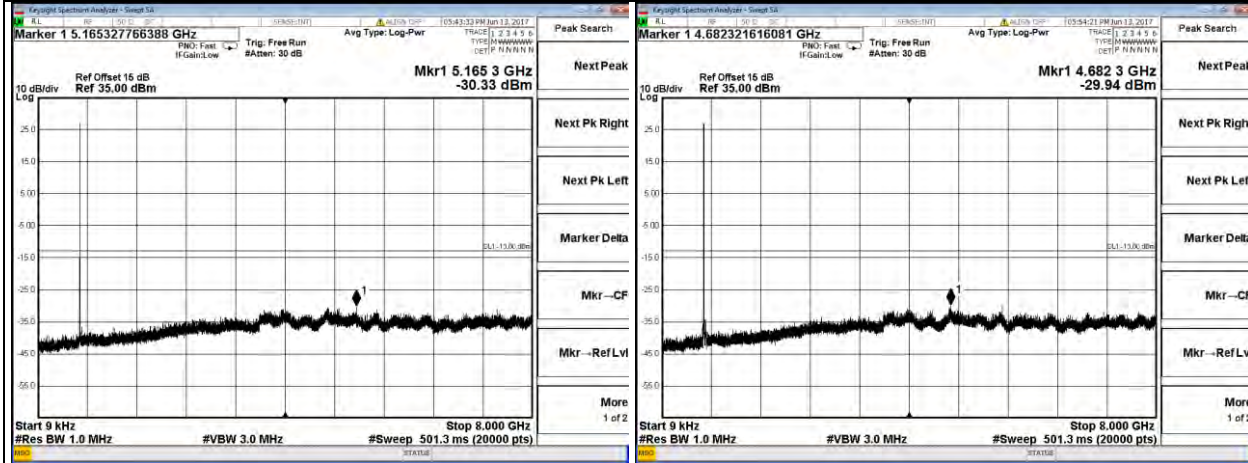
LTE Band 13 Channel Band width: 5MHz  
 Channel 23230  
 Frequency Range : 9kHz~8GHz

LTE Band 13 Channel Band width: 10MHz  
 Channel 23230  
 Frequency Range : 9kHz~8GHz



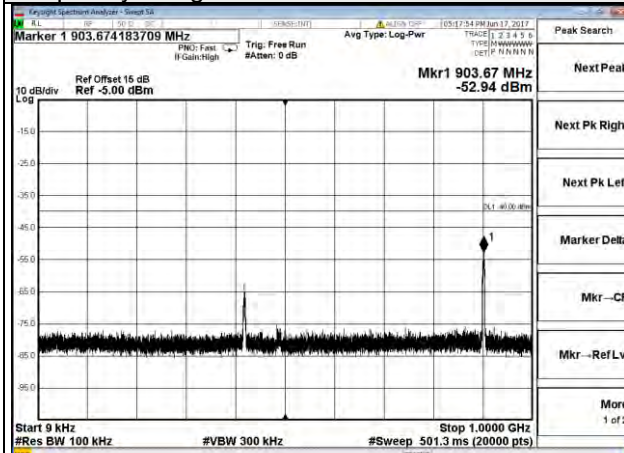


LTE Band 17 Channel Band width: 5MHz	LTE Band 17 Channel Band width: 10MHz
Channel 23790	Channel 23790
Frequency Range : 9kHz~8GHz	Frequency Range : 9kHz~8GHz

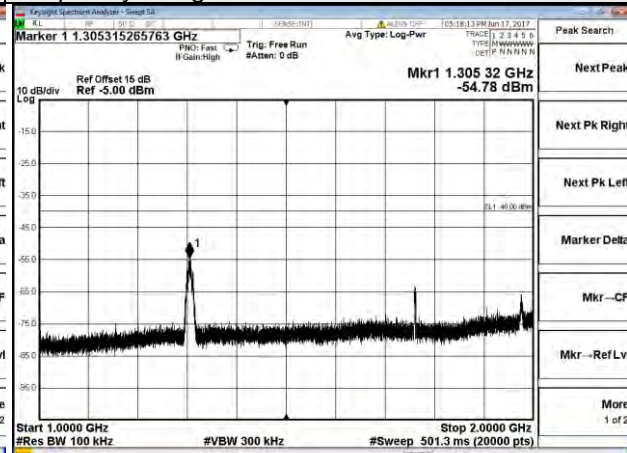


LTE Band 30 Channel Band width: 5MHz

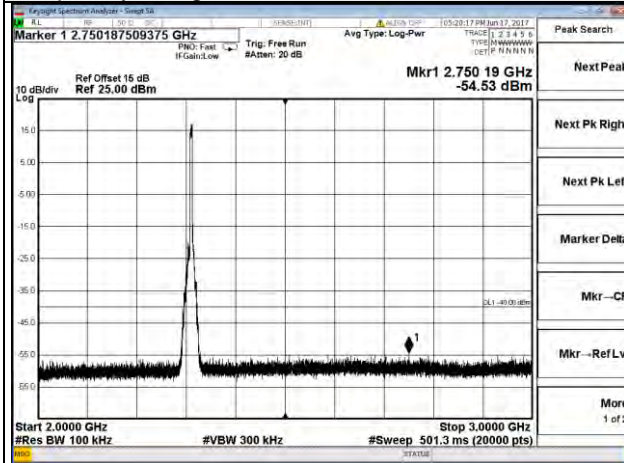
Channel 27710  
Frequency Range : 9kHz~1GHz



Channel 27710  
Frequency Range : 1GHz~2GHz



Channel 27710  
Frequency Range : 2GHz~3GHz



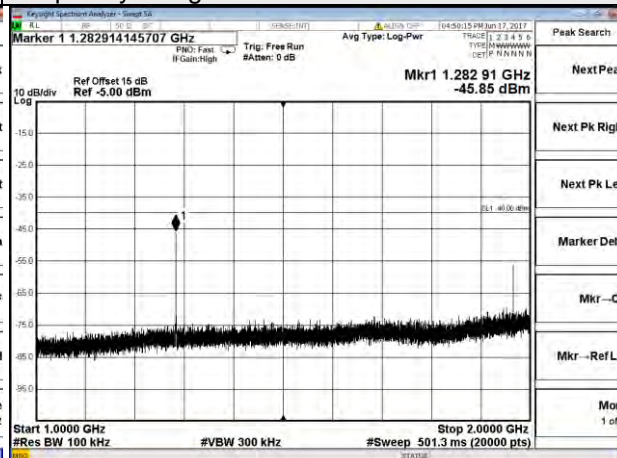
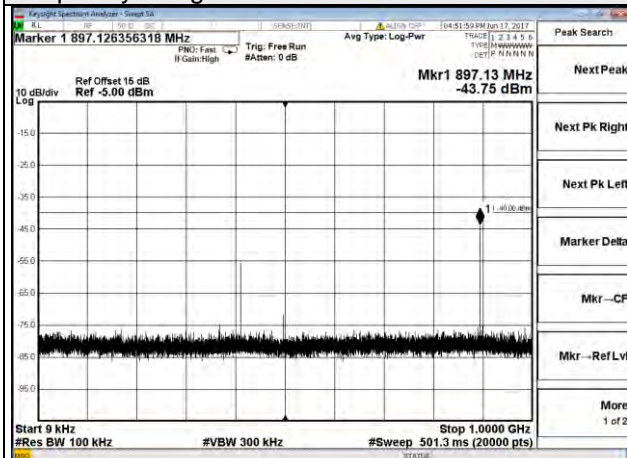
Channel 27710  
Frequency Range : 3GHz~23GHz



LTE Band 30 Channel Band width: 10MHz

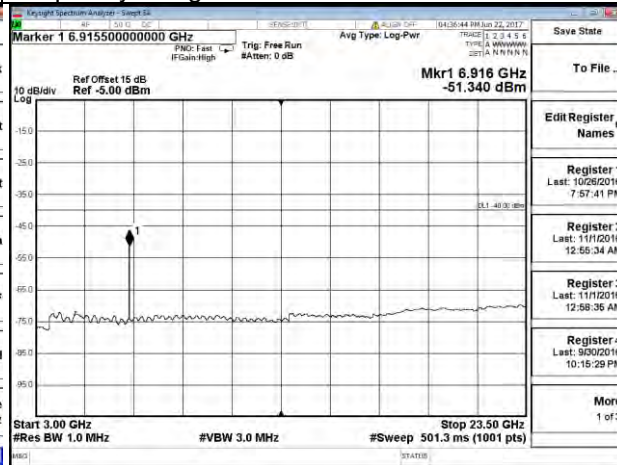
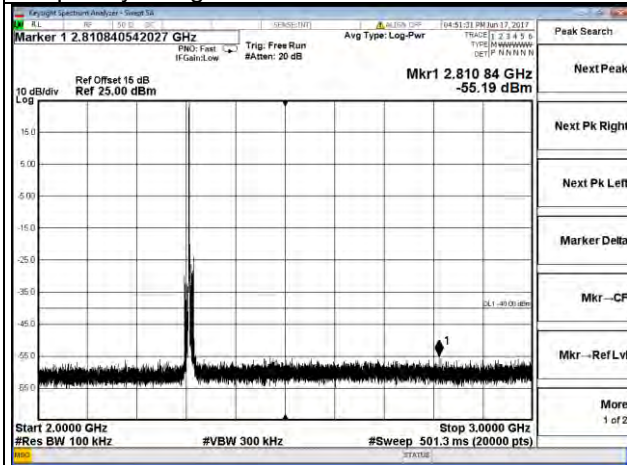
Channel 27710  
Frequency Range : 9kHz~1GHz

Channel 27710  
Frequency Range : 1GHz~2GHz



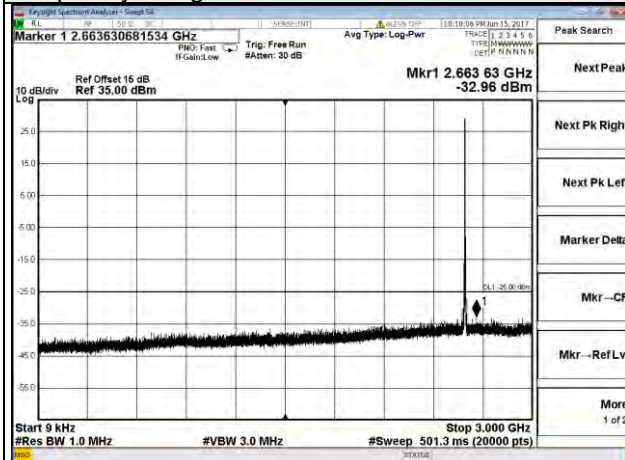
Channel 27710  
Frequency Range : 2GHz~3GHz

Channel 27710  
Frequency Range : 3GHz~23GHz

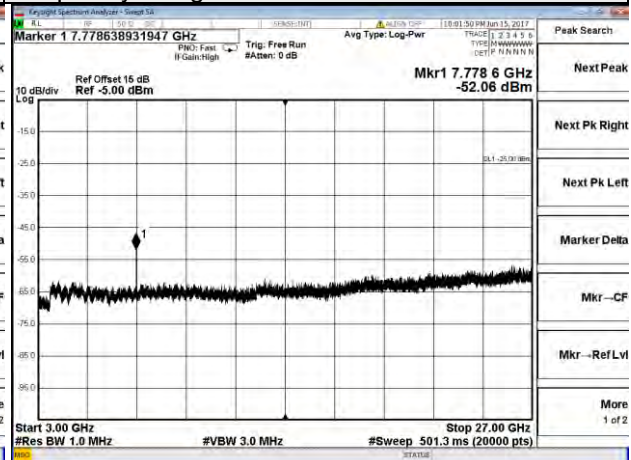


LTE Band 38 Channel Band width: 5MHz  
Channel 38000

Frequency Range : 9kHz~3GHz

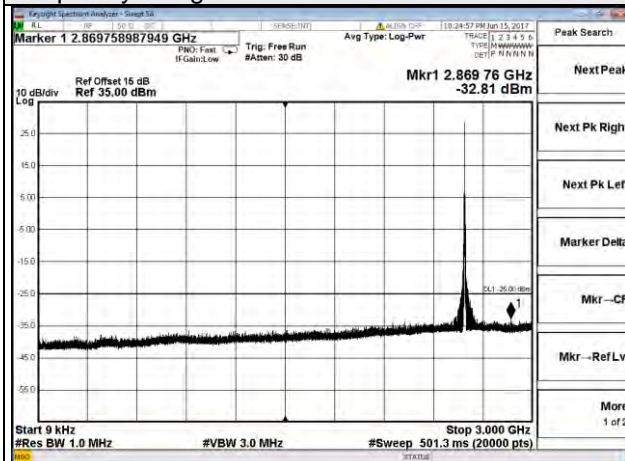


Frequency Range : 3GHz~27GHz

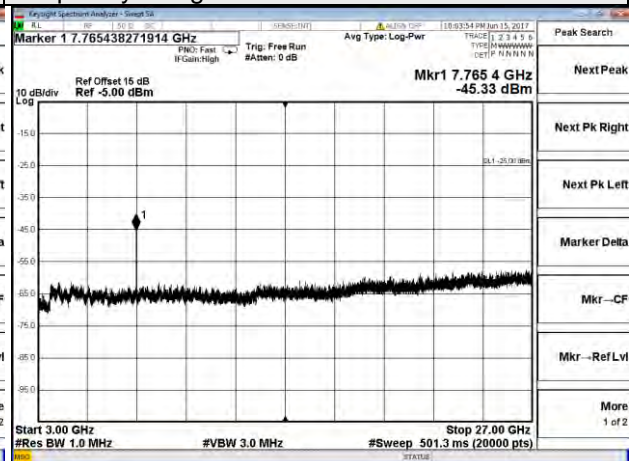


LTE Band 38 Channel Band width: 10MHz  
Channel 38000

Frequency Range : 9kHz~3GHz



Frequency Range : 3GHz~27GHz

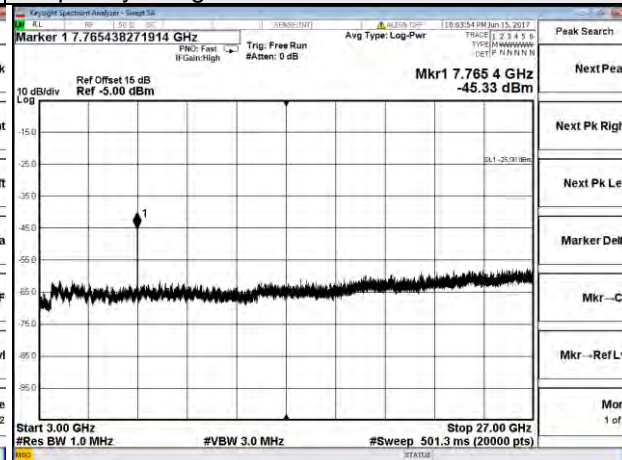
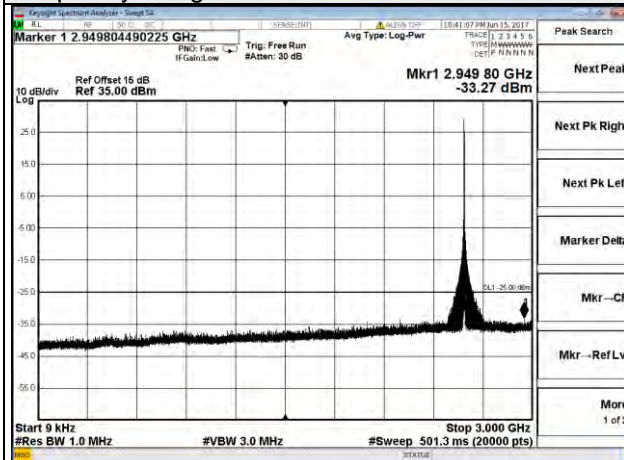


LTE Band 38 Channel Band width: 15MHz

Channel 38000

Frequency Range : 9kHz~3GHz

Frequency Range : 3GHz~27GHz

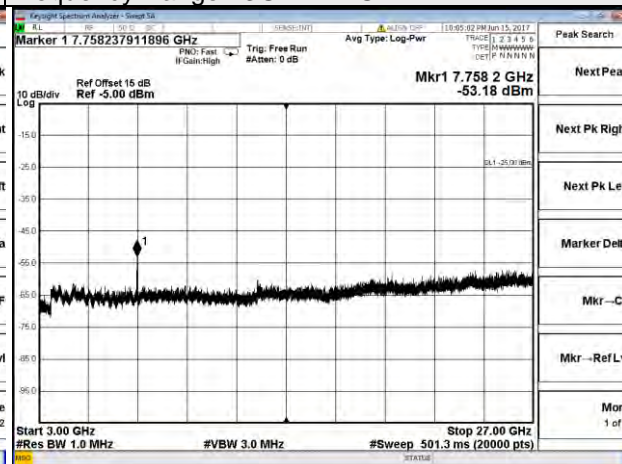
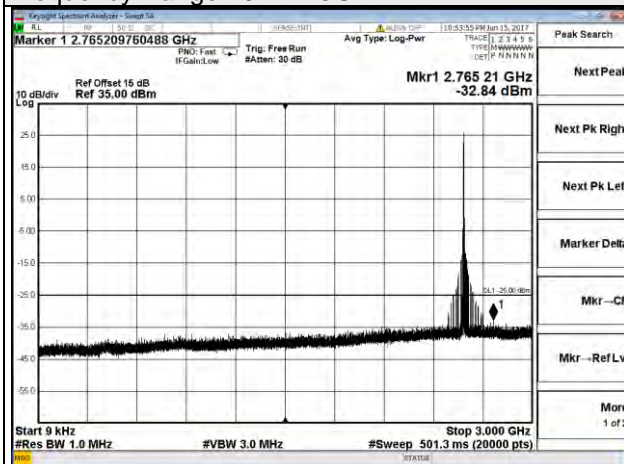


LTE Band 38 Channel Band width: 20MHz

Channel 38000

Frequency Range : 9kHz~3GHz

Frequency Range : 3GHz~27GHz



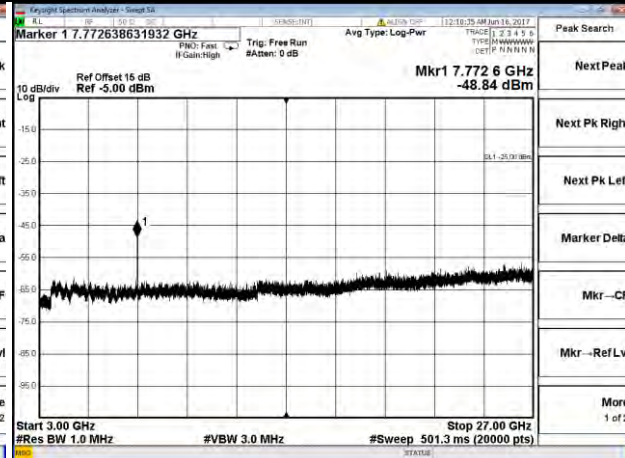
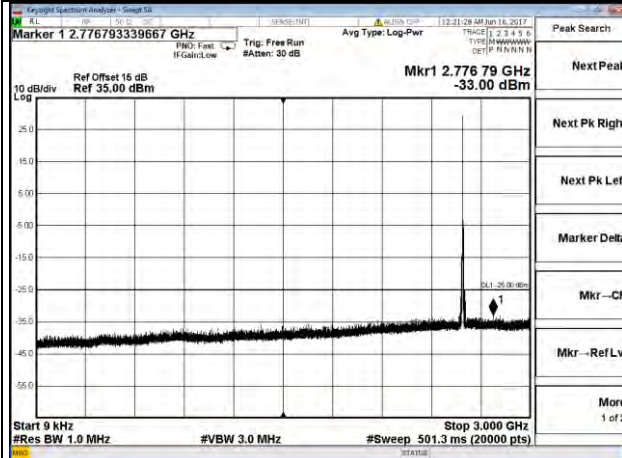
LTE Band 41 Channel Band width: 5MHz

Channel 40620

Channel 40620

Frequency Range : 9kHz~3GHz

Frequency Range : 3MHz~27GHz



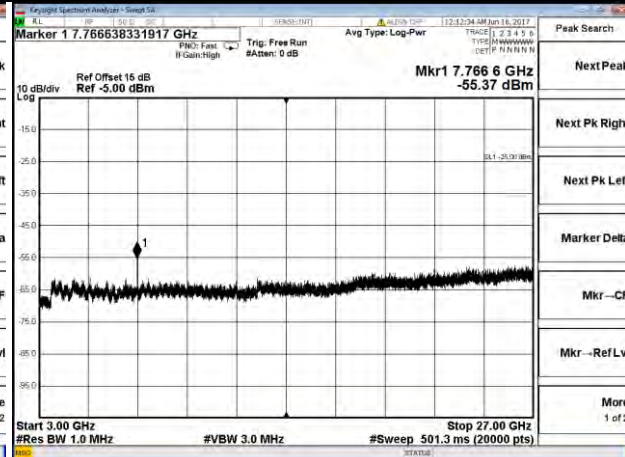
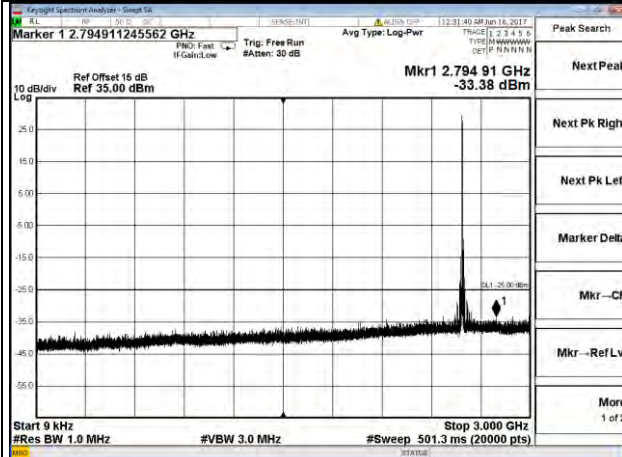
LTE Band 41 Channel Band width: 10MHz

Channel 40620

Channel 40620

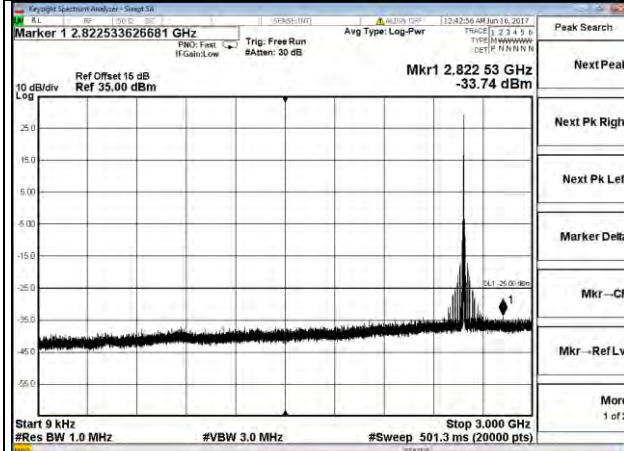
Frequency Range : 9kHz~3GHz

Frequency Range : 3MHz~27GHz

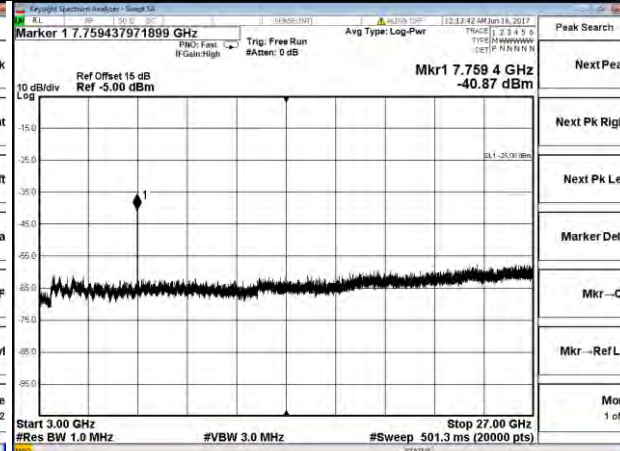


LTE Band 41 Channel Band width: 15MHz

Channel 40620  
 Frequency Range : 9kHz~3GHz

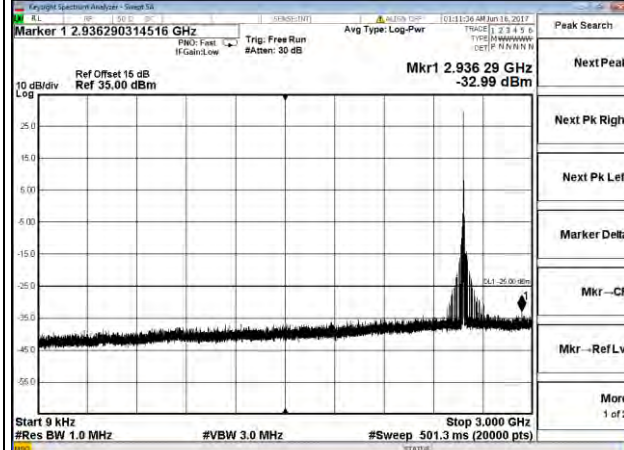


Channel 40620  
 Frequency Range : 3MHz~27GHz

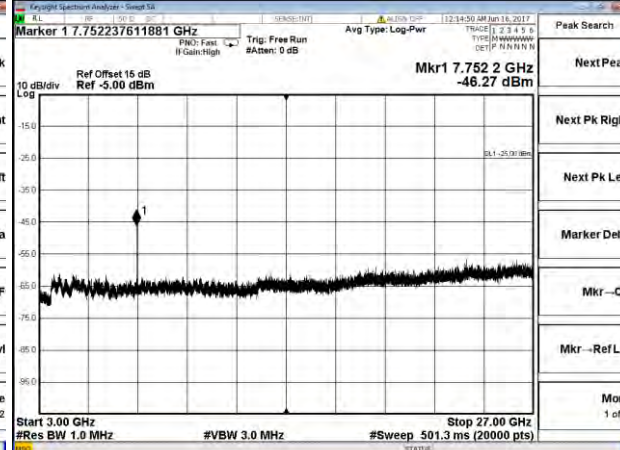


LTE Band 41 Channel Band width: 20MHz

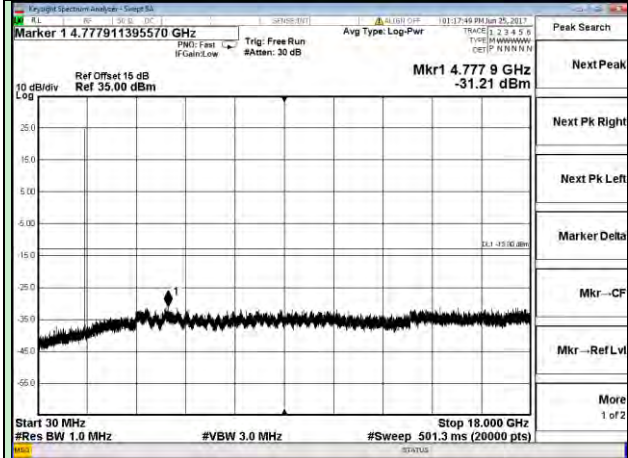
Channel 40620  
 Frequency Range : 9kHz~3GHz



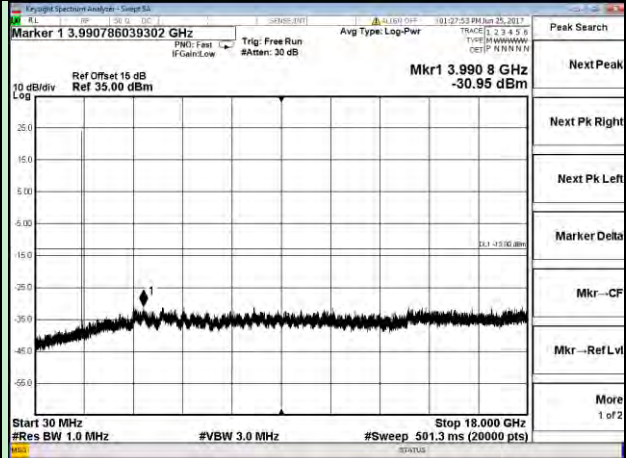
Channel 40620  
 Frequency Range : 3MHz~27GHz



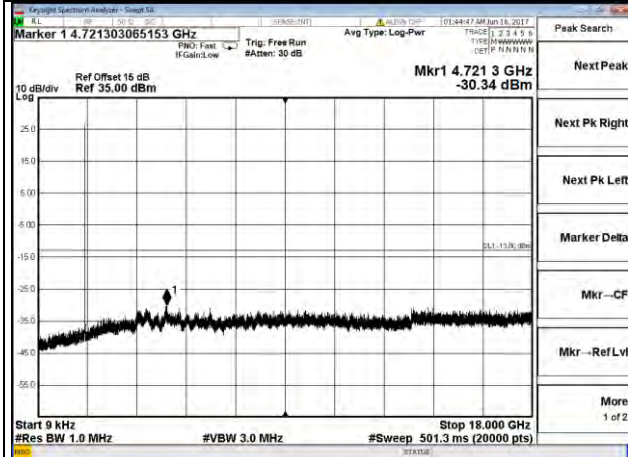
LTE Band 66 Channel Band width: 1.4MHz  
 Channel 132322  
 Frequency Range : 9kHz~18GHz



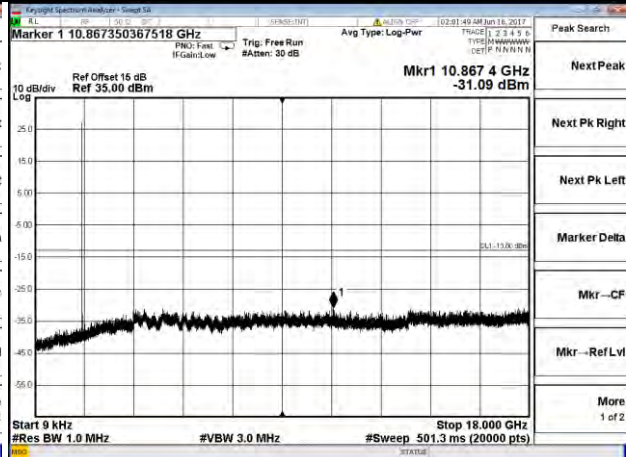
LTE Band 66 Channel Band width: 3MHz  
 Channel 132322  
 Frequency Range : 9kHz~18GHz



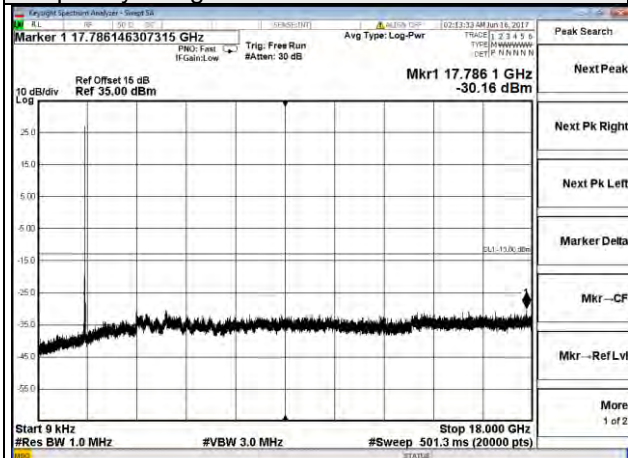
LTE Band 66 Channel Band width: 5MHz  
 Channel 132322  
 Frequency Range : 9kHz~18GHz



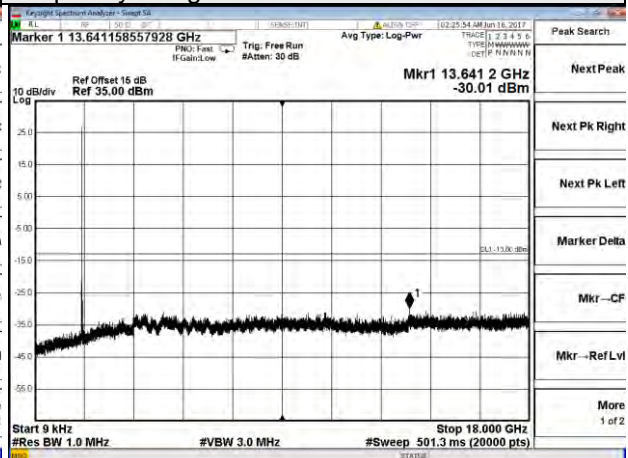
LTE Band 66 Channel Band width: 10MHz  
 Channel 132322  
 Frequency Range : 9kHz~18GHz



LTE Band 66 Channel Band width: 15MHz  
 Channel 132322  
 Frequency Range : 9kHz~18GHz



LTE Band 66 Channel Band width: 20MHz  
 Channel 132322  
 Frequency Range : 9kHz~18GHz





## 4.7 Radiated Emission Measurement

### 4.7.1 Limits of Radiated Emission Measurement

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

According to FCC 27.53(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.

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

#### 4.7.2 Test Procedure

- a. The power was measured with R&S Spectrum Analyzer. All measurements were done at 3 channels (low, middle and high channel of operational frequency range.)
- b. Substitution method is used for EIRP 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 spectrum reading the maximum power value.
- c. The substitution antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value " of step b. Record the power level of S.G
- d.  $EIRP = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution antenna.}$

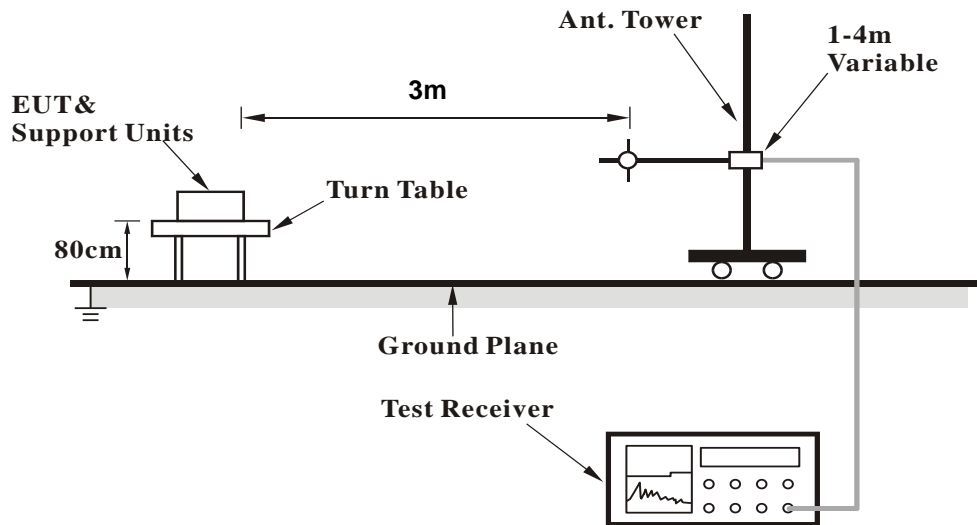
**NOTE:** The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 100kHz/300kHz.

#### 4.7.3 Deviation from Test Standard

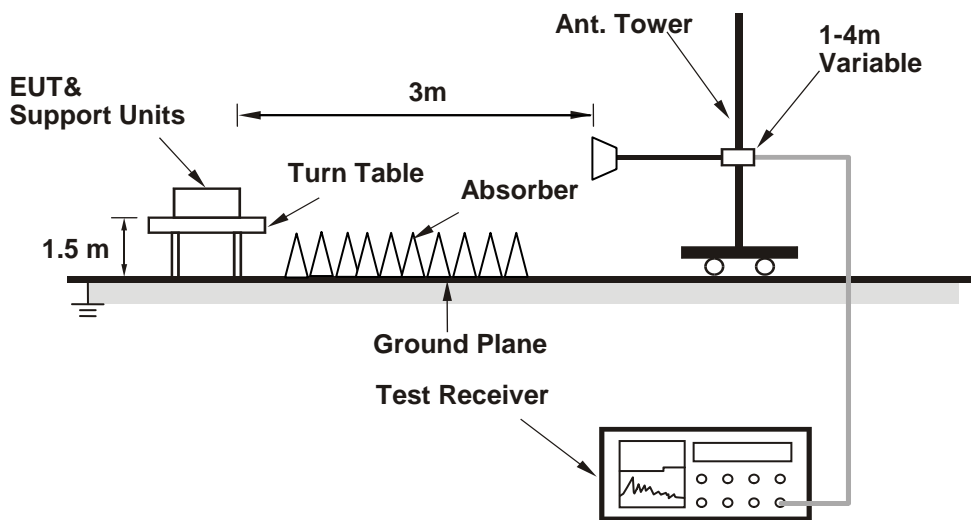
No deviation.

4.7.4 Test Setup

<Frequency Range below 1GHz>



<Frequency Range above 1GHz>



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

#### 4.7.5 Test Results

Below 1GHz

#### WCDMA:

Mode	TX channel 1413	Frequency Range	Below 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	91.93	34.80	-57.11	-1.04	-58.16	-13	-45.16
2	237.94	35.80	-59.56	3.84	-55.72	-13	-42.72
3	287.8	33.84	-61.63	3.78	-57.84	-13	-44.84
4	345.45	34.04	-63.65	3.61	-60.04	-13	-47.04
5	470.7	36.75	-60.43	2.84	-57.59	-13	-44.59
6	737.34	31.03	-65.34	1.02	-64.31	-13	-51.31
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	68.46	31.33	-56.30	-4.91	-61.21	-13	-48.21
2	94.06	33.29	-58.51	-1.00	-59.52	-13	-46.52
3	128.94	27.94	-63.41	-1.23	-64.65	-13	-51.65
4	238.82	31.88	-63.48	3.82	-59.66	-13	-46.66
5	510.22	33.87	-61.52	2.81	-58.71	-13	-45.71
6	608.86	34.34	-60.35	1.78	-58.57	-13	-45.57

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 4: 1.4MHz

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 (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	76.41	33.07	-58.84	-1.04	-59.89	-13	-46.89
2	127.92	33.99	-61.37	3.84	-57.53	-13	-44.53
3	277.53	32.04	-63.43	3.78	-59.64	-13	-46.64
4	345.64	30.36	-67.33	3.61	-63.72	-13	-50.72
5	520.06	34.20	-62.98	2.84	-60.14	-13	-47.14
6	736.58	30.12	-66.25	1.02	-65.22	-13	-52.22

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	66.73	30.94	-56.69	-4.91	-61.60	-13	-48.60
2	194.33	33.56	-58.24	-1.00	-59.25	-13	-46.25
3	215.91	34.92	-56.43	-1.23	-57.67	-13	-44.67
4	238.34	29.84	-65.52	3.82	-61.70	-13	-48.70
5	423.26	35.64	-59.75	2.81	-56.94	-13	-43.94
6	557.24	38.49	-56.20	1.78	-54.42	-13	-41.42

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 4: 3MHz

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 (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	76.88	33.78	-58.13	-1.04	-59.18	-13	-46.18
2	126.68	34.90	-60.46	3.84	-56.62	-13	-43.62
3	277.78	33.06	-62.41	3.78	-58.62	-13	-45.62
4	346.7	30.48	-67.21	3.61	-63.60	-13	-50.60
5	520.36	34.66	-62.52	2.84	-59.68	-13	-46.68
6	735.38	28.98	-67.39	1.02	-66.36	-13	-53.36

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	65.84	30.68	-56.95	-4.91	-61.86	-13	-48.86
2	194.54	33.68	-58.12	-1.00	-59.13	-13	-46.13
3	216.25	35.76	-55.59	-1.23	-56.83	-13	-43.83
4	238.94	30.01	-65.35	3.82	-61.53	-13	-48.53
5	423.56	36.03	-59.36	2.81	-56.55	-13	-43.55
6	556.63	38.21	-56.48	1.78	-54.70	-13	-41.70

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 4: 5MHz

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 (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	75.31	33.83	-58.08	-1.04	-59.13	-13	-46.13
2	128.04	34.62	-60.74	3.84	-56.90	-13	-43.90
3	279.05	31.74	-63.73	3.78	-59.94	-13	-46.94
4	346.68	31.57	-66.12	3.61	-62.51	-13	-49.51
5	521.43	33.88	-63.30	2.84	-60.46	-13	-47.46
6	736.02	29.20	-67.17	1.02	-66.14	-13	-53.14

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	67.5	31.30	-56.33	-4.91	-61.24	-13	-48.24
2	194	33.18	-58.62	-1.00	-59.63	-13	-46.63
3	215.6	35.06	-56.29	-1.23	-57.53	-13	-44.53
4	237.73	29.89	-65.47	3.82	-61.65	-13	-48.65
5	423.08	35.14	-60.25	2.81	-57.44	-13	-44.44
6	556.35	38.17	-56.52	1.78	-54.74	-13	-41.74

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 4: 10MHz

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 (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	75.66	33.87	-58.04	-1.04	-59.09	-13	-46.09
2	128.11	34.37	-60.99	3.84	-57.15	-13	-44.15
3	277.53	32.11	-63.36	3.78	-59.57	-13	-46.57
4	346.73	31.77	-65.92	3.61	-62.31	-13	-49.31
5	521.04	34.10	-63.08	2.84	-60.24	-13	-47.24
6	735.91	29.61	-66.76	1.02	-65.73	-13	-52.73

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	66.04	31.76	-55.87	-4.91	-60.78	-13	-47.78
2	194.96	33.70	-58.10	-1.00	-59.11	-13	-46.11
3	216.9	34.88	-56.47	-1.23	-57.71	-13	-44.71
4	238.35	30.64	-64.72	3.82	-60.90	-13	-47.90
5	423.37	35.88	-59.51	2.81	-56.70	-13	-43.70
6	556.32	39.03	-55.66	1.78	-53.88	-13	-40.88

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



### LTE Band 4: 15MHz

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 (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	76.96	32.48	-59.43	-1.04	-60.48	-13	-47.48
2	126.83	35.29	-60.07	3.84	-56.23	-13	-43.23
3	277.88	32.98	-62.49	3.78	-58.70	-13	-45.70
4	346.57	30.77	-66.92	3.61	-63.31	-13	-50.31
5	521.92	34.54	-62.64	2.84	-59.80	-13	-46.80
6	736.06	29.69	-66.68	1.02	-65.65	-13	-52.65

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	67.43	31.52	-56.11	-4.91	-61.02	-13	-48.02
2	194.14	34.08	-57.72	-1.00	-58.73	-13	-45.73
3	215.57	35.60	-55.75	-1.23	-56.99	-13	-43.99
4	238.97	30.44	-64.92	3.82	-61.10	-13	-48.10
5	423.54	35.58	-59.81	2.81	-57.00	-13	-44.00
6	557.87	38.06	-56.63	1.78	-54.85	-13	-41.85

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 4: 20MHz

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 (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	75.32	33.67	-58.24	-1.04	-59.29	-13	-46.29
2	128.26	34.80	-60.56	3.84	-56.72	-13	-43.72
3	278.45	31.83	-63.64	3.78	-59.85	-13	-46.85
4	346.12	31.54	-66.15	3.61	-62.54	-13	-49.54
5	521.21	34.54	-62.64	2.84	-59.80	-13	-46.80
6	736.87	29.09	-67.28	1.02	-66.25	-13	-53.25

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	68.43	30.60	-57.03	-4.91	-61.94	-13	-48.94
2	92.9	33.83	-57.97	-1.00	-58.98	-13	-45.98
3	128.5	36.08	-55.27	-1.23	-56.51	-13	-43.51
4	238.01	31.25	-64.11	3.82	-60.29	-13	-47.29
5	509.23	36.03	-59.36	2.81	-56.55	-13	-43.55
6	609.29	38.55	-56.14	1.78	-54.36	-13	-41.36

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 7: 5MHz

Mode	TX channel 21100	Frequency Range	Below 1000 MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	76.38	33.33	-58.58	-1.04	-59.63	-25	-34.63
2	128.5	34.41	-60.95	3.84	-57.11	-25	-32.11
3	278.89	32.77	-62.70	3.78	-58.91	-25	-33.91
4	346.12	30.66	-67.03	3.61	-63.42	-25	-38.42
5	521.18	33.69	-63.49	2.84	-60.65	-25	-35.65
6	736.59	30.22	-66.15	1.02	-65.12	-25	-40.12

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	65.94	31.66	-55.97	-4.91	-60.88	-25	-35.88
2	194.69	33.14	-58.66	-1.00	-59.67	-25	-34.67
3	215.28	34.80	-56.55	-1.23	-57.79	-25	-32.79
4	237.77	31.06	-64.30	3.82	-60.48	-25	-35.48
5	423.97	34.91	-60.48	2.81	-57.67	-25	-32.67
6	556.47	38.43	-56.26	1.78	-54.48	-25	-29.48

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 7: 10MHz

Mode	TX channel 21100	Frequency Range	Below 1000 MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	77.12	33.52	-58.39	-1.04	-59.44	-25	-34.44
2	127.14	35.00	-60.36	3.84	-56.52	-25	-31.52
3	277.54	32.84	-62.63	3.78	-58.84	-25	-33.84
4	346.29	31.71	-65.98	3.61	-62.37	-25	-37.37
5	521.58	34.46	-62.72	2.84	-59.88	-25	-34.88
6	736.75	29.14	-67.23	1.02	-66.20	-25	-41.20

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	66.16	31.88	-55.75	-4.91	-60.66	-25	-35.66
2	193.42	34.22	-57.58	-1.00	-58.59	-25	-33.59
3	216.87	35.15	-56.20	-1.23	-57.44	-25	-32.44
4	238.29	30.79	-64.57	3.82	-60.75	-25	-35.75
5	423.69	35.84	-59.55	2.81	-56.74	-25	-31.74
6	556.89	37.80	-56.89	1.78	-55.11	-25	-30.11

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 7: 15MHz

Mode	TX channel 21100	Frequency Range	Below 1000 MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	76.2	33.08	-58.83	-1.04	-59.88	-25	-34.88
2	128.44	33.97	-61.39	3.84	-57.55	-25	-32.55
3	278.79	33.01	-62.46	3.78	-58.67	-25	-33.67
4	346.34	31.59	-66.10	3.61	-62.49	-25	-37.49
5	520.88	34.66	-62.52	2.84	-59.68	-25	-34.68
6	736.25	29.90	-66.47	1.02	-65.44	-25	-40.44

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	67.04	30.03	-57.60	-4.91	-62.51	-25	-37.51
2	194.83	33.02	-58.78	-1.00	-59.79	-25	-34.79
3	214.97	27.58	-63.77	-1.23	-65.01	-25	-40.01
4	238.84	31.61	-63.75	3.82	-59.93	-25	-34.93
5	423.11	33.12	-62.27	2.81	-59.46	-25	-34.46
6	558.22	33.61	-61.08	1.78	-59.30	-25	-34.30

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 7: 20MHz

Mode	TX channel 21100	Frequency Range	Below 1000 MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	75.64	33.34	-58.57	-1.04	-59.62	-25	-34.62
2	127.14	35.21	-60.15	3.84	-56.31	-25	-31.31
3	277.41	32.72	-62.75	3.78	-58.96	-25	-33.96
4	346.18	30.78	-66.91	3.61	-63.30	-25	-38.30
5	521.01	33.99	-63.19	2.84	-60.35	-25	-35.35
6	736.07	30.22	-66.15	1.02	-65.12	-25	-40.12

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	67.39	30.44	-57.19	-4.91	-62.10	-25	-37.10
2	193.54	34.15	-57.65	-1.00	-58.66	-25	-33.66
3	216.62	34.88	-56.47	-1.23	-57.71	-25	-32.71
4	238.51	29.93	-65.43	3.82	-61.61	-25	-36.61
5	422.99	35.78	-59.61	2.81	-56.80	-25	-31.80
6	556.71	38.24	-56.45	1.78	-54.67	-25	-29.67

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 12: 1.4MHz

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 (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	84.96	35.91	-56.00	-1.04	-57.05	-13	-44.05
2	137.75	36.07	-59.29	3.84	-55.45	-13	-42.45
3	289.23	34.45	-61.02	3.78	-57.23	-13	-44.23
4	344.89	34.07	-63.62	3.61	-60.01	-13	-47.01
5	471.22	36.16	-61.02	2.84	-58.18	-13	-45.18
6	736.44	31.07	-65.30	1.02	-64.27	-13	-51.27

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	67.82	30.22	-57.41	-4.91	-62.32	-13	-49.32
2	93.28	33.76	-58.04	-1.00	-59.05	-13	-46.05
3	129.26	26.79	-64.56	-1.23	-65.80	-13	-52.80
4	238.34	30.87	-64.49	3.82	-60.67	-13	-47.67
5	509.58	33.12	-62.27	2.81	-59.46	-13	-46.46
6	609.57	33.87	-60.82	1.78	-59.04	-13	-46.04

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

**LTE Band 12: 3MHz**

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 (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	84.68	34.88	-57.03	-1.04	-58.08	-13	-45.08
2	137.46	35.80	-59.56	3.84	-55.72	-13	-42.72
3	289	34.13	-61.34	3.78	-57.55	-13	-44.55
4	346.5	32.77	-64.92	3.61	-61.31	-13	-48.31
5	470.38	35.07	-62.11	2.84	-59.27	-13	-46.27
6	737.4	30.24	-66.13	1.02	-65.10	-13	-52.10

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	67.48	30.92	-56.71	-4.91	-61.62	-13	-48.62
2	92.7	32.83	-58.97	-1.00	-59.98	-13	-46.98
3	129.99	26.85	-64.50	-1.23	-65.74	-13	-52.74
4	239.26	32.15	-63.21	3.82	-59.39	-13	-46.39
5	509.73	33.44	-61.95	2.81	-59.14	-13	-46.14
6	609.97	32.86	-61.83	1.78	-60.05	-13	-47.05

**Remarks:**

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



### LTE Band 12: 5MHz

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 (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	84.34	35.58	-56.33	-1.04	-57.38	-13	-44.38
2	136.79	35.36	-60.00	3.84	-56.16	-13	-43.16
3	289.14	33.30	-62.17	3.78	-58.38	-13	-45.38
4	345.82	33.47	-64.22	3.61	-60.61	-13	-47.61
5	469.97	36.08	-61.10	2.84	-58.26	-13	-45.26
6	736.32	30.87	-65.50	1.02	-64.47	-13	-51.47

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	66.91	30.64	-56.99	-4.91	-61.90	-13	-48.90
2	94.22	33.67	-58.13	-1.00	-59.14	-13	-46.14
3	129.57	27.41	-63.94	-1.23	-65.18	-13	-52.18
4	237.69	30.81	-64.55	3.82	-60.73	-13	-47.73
5	509.72	33.52	-61.87	2.81	-59.06	-13	-46.06
6	608.6	32.77	-61.92	1.78	-60.14	-13	-47.14

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 12: 10MHz

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 (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	85.78	34.42	-57.49	-1.04	-58.54	-13	-45.54
2	137	35.48	-59.88	3.84	-56.04	-13	-43.04
3	288.86	33.33	-62.14	3.78	-58.35	-13	-45.35
4	345	32.70	-64.99	3.61	-61.38	-13	-48.38
5	469.78	34.67	-62.51	2.84	-59.67	-13	-46.67
6	736.12	30.07	-66.30	1.02	-65.27	-13	-52.27

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	67.49	30.81	-56.82	-4.91	-61.73	-13	-48.73
2	93.16	33.73	-58.07	-1.00	-59.08	-13	-46.08
3	129.88	26.86	-64.49	-1.23	-65.73	-13	-52.73
4	239.02	31.61	-63.75	3.82	-59.93	-13	-46.93
5	510.02	33.30	-62.09	2.81	-59.28	-13	-46.28
6	610.16	33.38	-61.31	1.78	-59.53	-13	-46.53

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

**LTE Band 13: 5MHz**

Mode	TX channel 23230	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	77.03	33.30	-58.61	-1.04	-59.66	-13	-46.66
2	128.33	34.19	-61.17	3.84	-57.33	-13	-44.33
3	278.41	33.24	-62.23	3.78	-58.44	-13	-45.44
4	345.69	30.90	-66.79	3.61	-63.18	-13	-50.18
5	520.68	33.36	-63.82	2.84	-60.98	-13	-47.98
6	736.44	28.76	-67.61	1.02	-66.58	-13	-53.58

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	67.08	31.70	-55.93	-4.91	-60.84	-13	-47.84
2	92.56	33.86	-57.94	-1.00	-58.95	-13	-45.95
3	129.81	35.10	-56.25	-1.23	-57.49	-13	-44.49
4	237.59	30.11	-65.25	3.82	-61.43	-13	-48.43
5	509.38	35.97	-59.42	2.81	-56.61	-13	-43.61
6	608.99	38.89	-55.80	1.78	-54.02	-13	-41.02

**Remarks:**

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 13: 10MHz

Mode	TX channel 23230	Frequency Range	Below 1000 MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	75.79	33.90	-58.01	-1.04	-59.06	-13	-46.06
2	128.49	35.45	-59.91	3.84	-56.07	-13	-43.07
3	278.13	33.18	-62.29	3.78	-58.50	-13	-45.50
4	345.69	31.78	-65.91	3.61	-62.30	-13	-49.30
5	521.18	34.95	-62.23	2.84	-59.39	-13	-46.39
6	736.29	30.29	-66.08	1.02	-65.05	-13	-52.05

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	67.79	31.10	-56.53	-4.91	-61.44	-13	-48.44
2	92.26	33.87	-57.93	-1.00	-58.94	-13	-45.94
3	127.64	35.27	-56.08	-1.23	-57.32	-13	-44.32
4	238.21	31.21	-64.15	3.82	-60.33	-13	-47.33
5	508.38	34.79	-60.60	2.81	-57.79	-13	-44.79
6	609.14	38.50	-56.19	1.78	-54.41	-13	-41.41

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 17: 5MHz

Mode	TX channel 23790	Frequency Range	Below 1000 MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	76.67	33.64	-58.27	-1.04	-59.32	-13	-46.32
2	127.46	34.37	-60.99	3.84	-57.15	-13	-44.15
3	279.36	32.94	-62.53	3.78	-58.74	-13	-45.74
4	345.78	30.53	-67.16	3.61	-63.55	-13	-50.55
5	520.46	34.17	-63.01	2.84	-60.17	-13	-47.17
6	736.48	29.37	-67.00	1.02	-65.97	-13	-52.97

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	67.78	30.60	-57.03	-4.91	-61.94	-13	-48.94
2	92.66	34.47	-57.33	-1.00	-58.34	-13	-45.34
3	128.34	34.87	-56.48	-1.23	-57.72	-13	-44.72
4	238.31	29.82	-65.54	3.82	-61.72	-13	-48.72
5	507.56	35.08	-60.31	2.81	-57.50	-13	-44.50
6	609.72	38.30	-56.39	1.78	-54.61	-13	-41.61

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 17: 10MHz

Mode	TX channel 23790	Frequency Range	Below 1000 MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	75.98	33.77	-58.14	-1.04	-59.19	-13	-46.19
2	128.66	34.55	-60.81	3.84	-56.97	-13	-43.97
3	278.3	32.30	-63.17	3.78	-59.38	-13	-46.38
4	345.92	31.42	-66.27	3.61	-62.66	-13	-49.66
5	521.21	34.28	-62.90	2.84	-60.06	-13	-47.06
6	737.24	29.60	-66.77	1.02	-65.74	-13	-52.74

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	67.37	30.52	-57.11	-4.91	-62.02	-13	-49.02
2	93.1	33.99	-57.81	-1.00	-58.82	-13	-45.82
3	127.06	34.80	-56.55	-1.23	-57.79	-13	-44.79
4	237.66	30.34	-65.02	3.82	-61.20	-13	-48.20
5	508.76	34.94	-60.45	2.81	-57.64	-13	-44.64
6	608.49	38.95	-55.74	1.78	-53.96	-13	-40.96

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 30: 5MHz

Mode	TX channel 27710	Frequency Range	Below 1000 MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	75.51	32.95	-58.96	-1.04	-60.01	-40	-20.01
2	128.42	34.36	-61.00	3.84	-57.16	-40	-17.16
3	277.72	32.64	-62.83	3.78	-59.04	-40	-19.04
4	344.75	30.84	-66.85	3.61	-63.24	-40	-23.24
5	521.78	33.99	-63.19	2.84	-60.35	-40	-20.35
6	736.68	28.60	-67.77	1.02	-66.74	-40	-27.28

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	68.32	30.62	-57.01	-4.91	-61.92	-40	-21.92
2	92.56	34.24	-57.56	-1.00	-58.57	-40	-18.57
3	130.05	35.03	-56.32	-1.23	-57.56	-40	-17.56
4	238.37	31.09	-64.27	3.82	-60.45	-40	-20.45
5	510.11	36.10	-59.29	2.81	-56.48	-40	-16.48
6	609.51	37.75	-56.94	1.78	-55.16	-40	-15.16

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 30: 10MHz

Mode	TX channel 27710	Frequency Range	Below 1000 MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	76.85	33.86	-58.05	-1.04	-59.10	-40	-19.10
2	127.39	35.17	-60.19	3.84	-56.35	-40	-16.35
3	279.17	33.51	-61.96	3.78	-58.17	-40	-18.17
4	345.82	31.94	-65.75	3.61	-62.14	-40	-22.14
5	520.04	34.77	-62.41	2.84	-59.57	-40	-19.57
6	735.56	28.83	-67.54	1.02	-66.51	-40	-26.51

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	67.37	30.83	-56.80	-4.91	-61.71	-40	-21.71
2	93.06	33.52	-58.28	-1.00	-59.29	-40	-19.29
3	130.55	35.81	-55.54	-1.23	-56.78	-40	-16.78
4	237.95	30.18	-65.18	3.82	-61.36	-40	-21.36
5	510.77	36.16	-59.23	2.81	-56.42	-40	-16.42
6	610.34	39.10	-55.59	1.78	-53.81	-40	-13.81

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



**LTE Band 38: 5MHz**

Mode	TX channel 38000	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	75.41	33.64	-58.27	-1.04	-59.32	-25	-34.32
2	128.25	34.48	-60.88	3.84	-57.04	-25	-32.04
3	279.16	32.44	-63.03	3.78	-59.24	-25	-34.24
4	345.1	31.00	-66.69	3.61	-63.08	-25	-38.08
5	521.21	33.87	-63.31	2.84	-60.47	-25	-35.47
6	735.57	29.04	-67.33	1.02	-66.30	-25	-41.30

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	67.19	30.88	-56.75	-4.91	-61.66	-25	-36.66
2	193.36	33.68	-58.12	-1.00	-59.13	-25	-34.13
3	216.12	34.80	-56.55	-1.23	-57.79	-25	-32.79
4	238.55	29.98	-65.38	3.82	-61.56	-25	-36.56
5	423.26	35.96	-59.43	2.81	-56.62	-25	-31.62
6	556.25	38.84	-55.85	1.78	-54.07	-25	-29.07

**Remarks:**

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

**LTE Band 38: 10MHz**

Mode	TX channel 38000	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	76.05	33.86	-58.05	-1.04	-59.10	-25	-34.10
2	127.87	34.01	-61.35	3.84	-57.51	-25	-32.51
3	277.83	32.89	-62.58	3.78	-58.79	-25	-33.79
4	346.67	30.36	-67.33	3.61	-63.72	-25	-38.72
5	520.11	34.02	-63.16	2.84	-60.32	-25	-35.32
6	735.47	28.95	-67.42	1.02	-66.39	-25	-41.39

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	67.7	31.19	-56.44	-4.91	-61.35	-25	-36.35
2	195.04	33.98	-57.82	-1.00	-58.83	-25	-33.83
3	216.22	34.84	-56.51	-1.23	-57.75	-25	-32.75
4	238.21	29.87	-65.49	3.82	-61.67	-25	-36.67
5	423.78	35.17	-60.22	2.81	-57.41	-25	-32.41
6	557.05	39.11	-55.58	1.78	-53.80	-25	-28.80

**Remarks:**

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

**LTE Band 38: 15MHz**

Mode	TX channel 38000	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	75.52	33.65	-58.26	-1.04	-59.31	-25	-34.31
2	128.63	34.57	-60.79	3.84	-56.95	-25	-31.95
3	277.41	31.73	-63.74	3.78	-59.95	-25	-34.95
4	345.54	30.84	-66.85	3.61	-63.24	-25	-38.24
5	521.75	33.82	-63.36	2.84	-60.52	-25	-35.52
6	736.99	29.27	-67.10	1.02	-66.07	-25	-41.07

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	66.26	31.57	-56.06	-4.91	-60.97	-25	-35.97
2	194.43	34.37	-57.43	-1.00	-58.44	-25	-33.44
3	216.72	36.14	-55.21	-1.23	-56.45	-25	-31.45
4	238.13	29.83	-65.53	3.82	-61.71	-25	-36.71
5	424.22	34.96	-60.43	2.81	-57.62	-25	-32.62
6	557.78	37.81	-56.88	1.78	-55.10	-25	-30.10

**Remarks:**

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

**LTE Band 38: 20MHz**

Mode	TX channel 38000	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	76.66	33.86	-58.05	-1.04	-59.10	-25	-34.10
2	127.83	34.33	-61.03	3.84	-57.19	-25	-32.19
3	277.52	32.94	-62.53	3.78	-58.74	-25	-33.74
4	345.66	30.48	-67.21	3.61	-63.60	-25	-38.60
5	521.89	34.01	-63.17	2.84	-60.33	-25	-35.33
6	735.97	29.88	-66.49	1.02	-65.46	-25	-40.46

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	66.9	30.67	-56.96	-4.91	-61.87	-25	-36.87
2	194.07	33.88	-57.92	-1.00	-58.93	-25	-33.93
3	216.69	36.13	-55.22	-1.23	-56.46	-25	-31.46
4	238.32	31.14	-64.22	3.82	-60.40	-25	-35.40
5	422.32	35.44	-59.95	2.81	-57.14	-25	-32.14
6	558.15	37.85	-56.84	1.78	-55.06	-25	-30.06

**Remarks:**

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

**LTE Band 41: 5MHz**

Mode	TX channel 40620	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	86.02	34.65	-57.26	-1.04	-58.31	-25	-33.31
2	138.11	35.37	-59.99	3.84	-56.15	-25	-31.15
3	288.23	32.38	-63.09	3.78	-59.30	-25	-34.30
4	345.26	31.79	-65.90	3.61	-62.29	-25	-37.29
5	470.44	35.42	-61.76	2.84	-58.92	-25	-33.92
6	736.96	30.01	-66.36	1.02	-65.33	-25	-40.33

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	67.69	31.90	-55.73	-4.91	-60.64	-25	-35.64
2	194.55	34.50	-57.30	-1.00	-58.31	-25	-33.31
3	216.27	36.15	-55.20	-1.23	-56.44	-25	-31.44
4	238.61	31.29	-64.07	3.82	-60.25	-25	-35.25
5	422.69	36.19	-59.20	2.81	-56.39	-25	-31.39
6	556.29	39.12	-55.57	1.78	-53.79	-25	-28.79

**Remarks:**

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

**LTE Band 41: 10MHz**

Mode	TX channel 40620	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	76.22	33.82	-58.09	-1.04	-59.14	-25	-34.14
2	127.68	34.13	-61.23	3.84	-57.39	-25	-32.39
3	278.35	33.09	-62.38	3.78	-58.59	-25	-33.59
4	345.66	30.43	-67.26	3.61	-63.65	-25	-38.65
5	521.1	34.03	-63.15	2.84	-60.31	-25	-35.31
6	736.78	29.43	-66.94	1.02	-65.91	-25	-40.91

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	66.95	32.22	-55.41	-4.91	-60.32	-25	-35.32
2	195.37	34.57	-57.23	-1.00	-58.24	-25	-33.24
3	215.5	37.26	-54.09	-1.23	-55.33	-25	-30.33
4	239.17	31.23	-64.13	3.82	-60.31	-25	-35.31
5	422.43	36.05	-59.34	2.81	-56.53	-25	-31.53
6	555.32	39.16	-55.53	1.78	-53.75	-25	-28.75

**Remarks:**

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

**LTE Band 41: 15MHz**

Mode	TX channel 40620	Frequency Range	Below 1000 MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	75.6	32.94	-58.97	-1.04	-60.02	-25	-35.02
2	127.23	34.13	-61.23	3.84	-57.39	-25	-32.39
3	279.28	32.69	-62.78	3.78	-58.99	-25	-33.99
4	345.18	30.99	-66.70	3.61	-63.09	-25	-38.09
5	520.1	33.64	-63.54	2.84	-60.70	-25	-35.70
6	736.43	29.67	-66.70	1.02	-65.67	-25	-40.67

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	67.31	32.01	-55.62	-4.91	-60.53	-25	-35.53
2	194.79	34.02	-57.78	-1.00	-58.79	-25	-33.79
3	215.93	36.83	-54.52	-1.23	-55.76	-25	-30.76
4	238.64	31.60	-63.76	3.82	-59.94	-25	-34.94
5	422.27	35.82	-59.57	2.81	-56.76	-25	-31.76
6	556.85	38.71	-55.98	1.78	-54.20	-25	-29.20

**Remarks:**

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 41: 20MHz

Mode	TX channel 40620	Frequency Range	Below 1000 MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	75.57	33.79	-58.12	-1.04	-59.17	-25	-34.17
2	128.57	35.08	-60.28	3.84	-56.44	-25	-31.44
3	279.36	31.83	-63.64	3.78	-59.85	-25	-34.85
4	346.61	31.46	-66.23	3.61	-62.62	-25	-37.62
5	520.43	33.48	-63.70	2.84	-60.86	-25	-35.86
6	735.77	29.93	-66.44	1.02	-65.41	-25	-40.41

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	68.57	31.48	-56.15	-4.91	-61.06	-25	-36.06
2	194.47	33.79	-58.01	-1.00	-59.02	-25	-34.02
3	216.47	36.52	-54.83	-1.23	-56.07	-25	-31.07
4	238.68	30.31	-65.05	3.82	-61.23	-25	-36.23
5	421.99	36.11	-59.28	2.81	-56.47	-25	-31.47
6	555.8	38.19	-56.50	1.78	-54.72	-25	-29.72

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



**LTE Band 66: 1.4MHz**

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 (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	76.49	33.69	-58.22	-1.04	-59.27	-13	-46.27
2	126.94	35.13	-60.23	3.84	-56.39	-13	-43.39
3	277.71	32.08	-63.39	3.78	-59.60	-13	-46.60
4	345.72	30.38	-67.31	3.61	-63.70	-13	-50.70
5	520.63	34.09	-63.09	2.84	-60.25	-13	-47.25
6	737.35	30.08	-66.29	1.02	-65.26	-13	-52.26

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	67.07	31.06	-56.57	-4.91	-61.48	-13	-48.48
2	195.08	34.94	-56.86	-1.00	-57.87	-13	-44.87
3	217.23	37.15	-54.20	-1.23	-55.44	-13	-42.44
4	238.48	31.12	-64.24	3.82	-60.42	-13	-47.42
5	423.06	35.14	-60.25	2.81	-57.44	-13	-44.44
6	556.93	38.62	-56.07	1.78	-54.29	-13	-41.29

**Remarks:**

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

**LTE Band 66: 3MHz**

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 (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	76.6	33.88	-58.03	-1.04	-59.08	-13	-46.08
2	127.13	34.04	-61.32	3.84	-57.48	-13	-44.48
3	278.42	31.98	-63.49	3.78	-59.70	-13	-46.70
4	345.49	31.51	-66.18	3.61	-62.57	-13	-49.57
5	521.71	33.77	-63.41	2.84	-60.57	-13	-47.57
6	736.51	28.96	-67.41	1.02	-66.38	-13	-53.38

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	67.67	31.89	-55.74	-4.91	-60.65	-13	-47.65
2	194.84	34.67	-57.13	-1.00	-58.14	-13	-45.14
3	216.95	37.56	-53.79	-1.23	-55.03	-13	-42.03
4	239.01	30.26	-65.10	3.82	-61.28	-13	-48.28
5	422.24	35.52	-59.87	2.81	-57.06	-13	-44.06
6	555.41	38.22	-56.47	1.78	-54.69	-13	-41.69

**Remarks:**

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

**LTE Band 66: 5MHz**

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 (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	76.4	32.71	-59.20	-1.04	-60.25	-13	-47.25
2	127.25	34.34	-61.02	3.84	-57.18	-13	-44.18
3	278.61	33.17	-62.30	3.78	-58.51	-13	-45.51
4	346.26	30.45	-67.24	3.61	-63.63	-13	-50.63
5	521.71	33.91	-63.27	2.84	-60.43	-13	-47.43
6	737.09	30.27	-66.10	1.02	-65.07	-13	-52.07

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	67.78	31.78	-55.85	-4.91	-60.76	-13	-47.76
2	194.1	34.83	-56.97	-1.00	-57.98	-13	-44.98
3	215.31	36.17	-55.18	-1.23	-56.42	-13	-43.42
4	238.32	30.98	-64.38	3.82	-60.56	-13	-47.56
5	422.75	35.97	-59.42	2.81	-56.61	-13	-43.61
6	555.99	39.27	-55.42	1.78	-53.64	-13	-40.64

**Remarks:**

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

**LTE Band 66: 10MHz**

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 (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	76.88	32.93	-58.98	-1.04	-60.03	-13	-47.03
2	127.01	34.78	-60.58	3.84	-56.74	-13	-43.74
3	278.62	33.02	-62.45	3.78	-58.66	-13	-45.66
4	346.51	30.83	-66.86	3.61	-63.25	-13	-50.25
5	521.17	34.62	-62.56	2.84	-59.72	-13	-46.72
6	736.64	29.69	-66.68	1.02	-65.65	-13	-52.65

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	68.47	31.21	-56.42	-4.91	-61.33	-13	-48.33
2	193.72	34.09	-57.71	-1.00	-58.72	-13	-45.72
3	215.78	36.50	-54.85	-1.23	-56.09	-13	-43.09
4	239.36	31.19	-64.17	3.82	-60.35	-13	-47.35
5	421.77	35.31	-60.08	2.81	-57.27	-13	-44.27
6	556.14	39.09	-55.60	1.78	-53.82	-13	-40.82

**Remarks:**

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

**LTE Band 66: 15MHz**

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 (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	76.39	33.30	-58.61	-1.04	-59.66	-13	-46.66
2	127.95	35.09	-60.27	3.84	-56.43	-13	-43.43
3	277.71	32.89	-62.58	3.78	-58.79	-13	-45.79
4	345.02	31.01	-66.68	3.61	-63.07	-13	-50.07
5	520.17	34.29	-62.89	2.84	-60.05	-13	-47.05
6	735.96	29.37	-67.00	1.02	-65.97	-13	-52.97

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	68.08	30.83	-56.80	-4.91	-61.71	-13	-48.71
2	195.47	35.05	-56.75	-1.00	-57.76	-13	-44.76
3	216.34	36.82	-54.53	-1.23	-55.77	-13	-42.77
4	238.68	30.70	-64.66	3.82	-60.84	-13	-47.84
5	423.04	35.92	-59.47	2.81	-56.66	-13	-43.66
6	557.16	38.34	-56.35	1.78	-54.57	-13	-41.57

**Remarks:**

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

**LTE Band 66: 20MHz**

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 (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	76.23	33.23	-58.68	-1.04	-59.73	-13	-46.73
2	127.68	35.10	-60.26	3.84	-56.42	-13	-43.42
3	278.36	33.00	-62.47	3.78	-58.68	-13	-45.68
4	345.74	31.27	-66.42	3.61	-62.81	-13	-49.81
5	520.92	33.83	-63.35	2.84	-60.51	-13	-47.51
6	736.36	29.78	-66.59	1.02	-65.56	-13	-52.56

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	67.49	32.30	-55.33	-4.91	-60.24	-13	-47.24
2	193.65	35.20	-56.60	-1.00	-57.61	-13	-44.61
3	215.89	37.59	-53.76	-1.23	-55.00	-13	-42.00
4	238.66	31.61	-63.75	3.82	-59.93	-13	-46.93
5	423.27	36.57	-58.82	2.81	-56.01	-13	-43.01
6	557.07	39.32	-55.37	1.78	-53.59	-13	-40.59

**Remarks:**

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

ABOVE 1GHz

WCDMA:

Mode	TX channel 1413	Frequency Range	Above 1000MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465.2	36.21	-67.94	7.68	-60.26	-13	-47.26
2	5197.8	39.86	-64.88	7.02	-57.86	-13	-44.86
3	6930.4	45.80	-56.82	4.53	-52.29	-13	-39.29
4	8663	47.41	-54.46	4.21	-50.26	-13	-37.26
5	10395.6	48.64	-52.85	3.48	-49.37	-13	-36.37
6	12128.2	48.3	-52.31	4.06	-48.24	-13	-35.24
7	13860.8	48.65	-48.70	3.70	-45.00	-13	-32.00
8	15593.4	48.91	-48.44	3.70	-44.74	-13	-31.74
9	17326	47.57	-49.78	3.70	-46.08	-13	-33.08
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465.2	34.3	-70.04	7.87	-62.17	-13	-49.17
2	5197.8	37.76	-67.29	7.33	-59.96	-13	-46.96
3	6930.4	45.41	-57.71	5.03	-52.68	-13	-39.68
4	8663	48.36	-53.65	4.34	-49.31	-13	-36.31
5	10395.6	48.68	-51.58	2.24	-49.33	-13	-36.33
6	12128.2	47.67	-53.13	4.26	-48.87	-13	-35.87
7	13860.8	49.39	-46.28	2.03	-44.26	-13	-31.26
8	15593.4	49.34	-48.01	3.70	-44.31	-13	-31.31
9	17326	47.17	-50.18	3.70	-46.48	-13	-33.48

Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 4: 1.4MHz

Mode	TX channel 20175	Frequency Range	Above 1000MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465	46.09	-57.07	7.80	-49.27	-13	-36.27
2	5197.5	41.80	-62.73	7.05	-55.67	-13	-42.67
3	6930	35.76	-66.56	5.10	-61.45	-13	-48.45
4	8662.5	38.27	-64.44	4.23	-60.21	-13	-47.21
5	10395	39.52	-62.48	3.67	-58.81	-13	-45.81
6	12127.5	41.61	-59.87	4.38	-55.49	-13	-42.49
7	13860	41.99	-61.68	5.71	-55.96	-13	-42.96
8	15592.5	44.32	-53.03	3.70	-49.33	-13	-36.33
9	17325	47.44	-49.91	3.70	-46.21	-13	-33.21
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465	41.88	-61.28	7.80	-53.48	-13	-40.48
2	5197.5	41.76	-62.77	7.05	-55.71	-13	-42.71
3	6930	36.73	-65.59	5.10	-60.48	-13	-47.48
4	8662.5	38.39	-64.32	4.23	-60.09	-13	-47.09
5	10395	38.65	-63.35	3.67	-59.68	-13	-46.68
6	12127.5	39.02	-62.46	4.38	-58.08	-13	-45.08
7	13860	42.17	-57.48	2.47	-55.02	-13	-42.02
8	15592.5	44.07	-53.28	3.70	-49.58	-13	-36.58
9	17325	45.7	-51.65	3.70	-47.95	-13	-34.95

Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



### LTE Band 4: 3MHz

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465	47.43	-55.73	7.80	-47.93	-13	-34.93
2	5197.5	43.21	-61.32	7.05	-54.26	-13	-41.26
3	6930	36.21	-66.11	5.10	-61.00	-13	-48.00
4	8662.5	37.9	-64.81	4.23	-60.58	-13	-47.58
5	10395	39.17	-62.83	3.67	-59.16	-13	-46.16
6	12127.5	43.48	-58.00	4.38	-53.62	-13	-40.62
7	13860	42.83	-60.84	5.71	-55.12	-13	-42.12
8	15592.5	45.55	-51.80	3.70	-48.10	-13	-35.10
9	17325	46.89	-50.46	3.70	-46.76	-13	-33.76

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465	42.15	-61.01	7.80	-53.21	-13	-40.21
2	5197.5	42	-62.53	7.05	-55.47	-13	-42.47
3	6930	36.65	-65.67	5.10	-60.56	-13	-47.56
4	8662.5	39.23	-63.48	4.23	-59.25	-13	-46.25
5	10395	39.1	-62.90	3.67	-59.23	-13	-46.23
6	12127.5	39.14	-62.34	4.38	-57.96	-13	-44.96
7	13860	41.61	-58.04	2.47	-55.58	-13	-42.58
8	15592.5	43.34	-54.01	3.70	-50.31	-13	-37.31
9	17325	45.97	-51.38	3.70	-47.68	-13	-34.68

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 4: 5MHz

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465	46.10	-57.06	7.80	-49.26	-13	-36.26
2	5197.5	43.07	-61.46	7.05	-54.40	-13	-41.40
3	6930	35.70	-66.62	5.10	-61.51	-13	-48.51
4	8662.5	36.8	-65.91	4.23	-61.68	-13	-48.68
5	10395	38.93	-63.07	3.67	-59.40	-13	-46.40
6	12127.5	43.3	-58.18	4.38	-53.80	-13	-40.80
7	13860	43.21	-60.46	5.71	-54.74	-13	-41.74
8	15592.5	45.64	-51.71	3.70	-48.01	-13	-35.01
9	17325	46.72	-50.63	3.70	-46.93	-13	-33.93

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465	41.48	-61.68	7.80	-53.88	-13	-40.88
2	5197.5	40.96	-63.57	7.05	-56.51	-13	-43.51
3	6930	36.98	-65.34	5.10	-60.23	-13	-47.23
4	8662.5	39.28	-63.43	4.23	-59.20	-13	-46.20
5	10395	39.11	-62.89	3.67	-59.22	-13	-46.22
6	12127.5	38.55	-62.93	4.38	-58.55	-13	-45.55
7	13860	42.2	-57.45	2.47	-54.99	-13	-41.99
8	15592.5	42.84	-54.51	3.70	-50.81	-13	-37.81
9	17325	45.96	-51.39	3.70	-47.69	-13	-34.69

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 4: 10MHz

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465	46.93	-56.23	7.80	-48.43	-13	-35.43
2	5197.5	42.39	-62.14	7.05	-55.08	-13	-42.08
3	6930	35.93	-66.39	5.10	-61.28	-13	-48.28
4	8662.5	37.73	-64.98	4.23	-60.75	-13	-47.75
5	10395	39.51	-62.49	3.67	-58.82	-13	-45.82
6	12127.5	43.38	-58.10	4.38	-53.72	-13	-40.72
7	13860	42.14	-61.53	5.71	-55.81	-13	-42.81
8	15592.5	43.92	-53.43	3.70	-49.73	-13	-36.73
9	17325	47.39	-49.96	3.70	-46.26	-13	-33.26

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465	41.77	-61.39	7.80	-53.59	-13	-40.59
2	5197.5	40.6	-63.93	7.05	-56.87	-13	-43.87
3	6930	36.72	-65.60	5.10	-60.49	-13	-47.49
4	8662.5	38.32	-64.39	4.23	-60.16	-13	-47.16
5	10395	38.7	-63.30	3.67	-59.63	-13	-46.63
6	12127.5	38.76	-62.72	4.38	-58.34	-13	-45.34
7	13860	40.84	-58.81	2.47	-56.35	-13	-43.35
8	15592.5	43.18	-54.17	3.70	-50.47	-13	-37.47
9	17325	46.78	-50.57	3.70	-46.87	-13	-33.87

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 4: 15MHz

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465	46.83	-56.33	7.80	-48.53	-13	-35.53
2	5197.5	42.68	-61.85	7.05	-54.79	-13	-41.79
3	6930	35.75	-66.57	5.10	-61.46	-13	-48.46
4	8662.5	37.03	-65.68	4.23	-61.45	-13	-48.45
5	10395	39.36	-62.64	3.67	-58.97	-13	-45.97
6	12127.5	41.93	-59.55	4.38	-55.17	-13	-42.17
7	13860	41.46	-62.21	5.71	-56.49	-13	-43.49
8	15592.5	44.61	-52.74	3.70	-49.04	-13	-36.04
9	17325	47.91	-49.44	3.70	-45.74	-13	-32.74

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465	41.92	-61.24	7.80	-53.44	-13	-40.44
2	5197.5	41.6	-62.93	7.05	-55.87	-13	-42.87
3	6930	37.38	-64.94	5.10	-59.83	-13	-46.83
4	8662.5	38.8	-63.91	4.23	-59.68	-13	-46.68
5	10395	38.09	-63.91	3.67	-60.24	-13	-47.24
6	12127.5	38.48	-63.00	4.38	-58.62	-13	-45.62
7	13860	40.77	-58.88	2.47	-56.42	-13	-43.42
8	15592.5	44.37	-52.98	3.70	-49.28	-13	-36.28
9	17325	46.27	-51.08	3.70	-47.38	-13	-34.38

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 4: 20MHz

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465	45.57	-57.59	7.80	-49.79	-13	-36.79
2	5197.5	41.76	-62.77	7.05	-55.71	-13	-42.71
3	6930	36.34	-65.98	5.10	-60.87	-13	-47.87
4	8662.5	37.91	-64.80	4.23	-60.57	-13	-47.57
5	10395	39.42	-62.58	3.67	-58.91	-13	-45.91
6	12127.5	43.15	-58.33	4.38	-53.95	-13	-40.95
7	13860	42.37	-61.30	5.71	-55.58	-13	-42.58
8	15592.5	44.76	-52.59	3.70	-48.89	-13	-35.89
9	17325	47.09	-50.26	3.70	-46.56	-13	-33.56

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465	40.41	-62.75	7.80	-54.95	-13	-41.95
2	5197.5	40.49	-64.04	7.05	-56.98	-13	-43.98
3	6930	37.3	-65.02	5.10	-59.91	-13	-46.91
4	8662.5	38.56	-64.15	4.23	-59.92	-13	-46.92
5	10395	38.39	-63.61	3.67	-59.94	-13	-46.94
6	12127.5	38.32	-63.16	4.38	-58.78	-13	-45.78
7	13860	40.72	-58.93	2.47	-56.47	-13	-43.47
8	15592.5	43.31	-54.04	3.70	-50.34	-13	-37.34
9	17325	46.32	-51.03	3.70	-47.33	-13	-34.33

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 7: 5MHz

Mode	TX channel 21100	Frequency Range	Above 1000MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	5070	46.61	-57.73	7.02	-50.70	-25	-25.70
2	7605	43.14	-59.48	4.46	-55.02	-25	-30.02
3	10140	36.33	-65.39	3.91	-61.48	-25	-36.48
4	12675	37.57	-63.76	4.38	-59.39	-25	-34.39
5	15210	39.07	-58.28	3.70	-54.58	-25	-29.58
6	17745	42.45	-54.90	3.70	-51.20	-25	-26.20

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	5070	41.85	-62.49	7.02	-55.46	-25	-30.46
2	7605	40.23	-62.39	4.46	-57.93	-25	-32.93
3	10140	36.46	-65.26	3.91	-61.35	-25	-36.35
4	12675	39.48	-61.85	4.38	-57.48	-25	-32.48
5	15210	38.7	-58.65	3.70	-54.95	-25	-29.95
6	17745	39.63	-57.72	3.70	-54.02	-25	-29.02

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 7: 10MHz

Mode	TX channel 21100	Frequency Range	Above 1000MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	5070	47.42	-56.92	7.02	-49.89	-25	-24.89
2	7605	41.86	-60.76	4.46	-56.30	-25	-31.30
3	10140	35.38	-66.34	3.91	-62.43	-25	-37.43
4	12675	37.56	-63.77	4.38	-59.40	-25	-34.40
5	15210	39.11	-58.24	3.70	-54.54	-25	-29.54
6	17745	43.2	-54.15	3.70	-50.45	-25	-25.45

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	5070	41.41	-62.93	7.02	-55.90	-25	-30.90
2	7605	41.88	-60.74	4.46	-56.28	-25	-31.28
3	10140	37.83	-63.89	3.91	-59.98	-25	-34.98
4	12675	38.05	-63.28	4.38	-58.91	-25	-33.91
5	15210	39.58	-57.77	3.70	-54.07	-25	-29.07
6	17745	37.93	-59.42	3.70	-55.72	-25	-30.72

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 7: 15MHz

Mode	TX channel 21100	Frequency Range	Above 1000MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	5070	46.94	-57.40	7.02	-50.37	-25	-25.37
2	7605	42.87	-59.75	4.46	-55.29	-25	-30.29
3	10140	35.72	-66.00	3.91	-62.09	-25	-37.09
4	12675	38.49	-62.84	4.38	-58.47	-25	-33.47
5	15210	39.13	-58.22	3.70	-54.52	-25	-29.52
6	17745	42.26	-55.09	3.70	-51.39	-25	-26.39

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	5070	41.7	-62.64	7.02	-55.61	-25	-30.61
2	7605	41.11	-61.51	4.46	-57.05	-25	-32.05
3	10140	37.52	-64.20	3.91	-60.29	-25	-35.29
4	12675	37.6	-63.73	4.38	-59.36	-25	-34.36
5	15210	39.32	-58.03	3.70	-54.33	-25	-29.33
6	17745	37.9	-59.45	3.70	-55.75	-25	-30.75

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



### LTE Band 7:20MHz

Mode	TX channel 21100	Frequency Range	Above 1000MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	5070	45.62	-58.72	7.02	-51.69	-25	-26.69
2	7605	42.74	-59.88	4.46	-55.42	-25	-30.42
3	10140	36.38	-65.34	3.91	-61.43	-25	-36.43
4	12675	37.96	-63.37	4.38	-59.00	-25	-34.00
5	15210	40.13	-57.22	3.70	-53.52	-25	-28.52
6	17745	42.82	-54.53	3.70	-50.83	-25	-25.83

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	5070	40.45	-63.89	7.02	-56.86	-25	-31.86
2	7605	41.19	-61.43	4.46	-56.97	-25	-31.97
3	10140	37.82	-63.90	3.91	-59.99	-25	-34.99
4	12675	38.22	-63.11	4.38	-58.74	-25	-33.74
5	15210	39.13	-58.22	3.70	-54.52	-25	-29.52
6	17745	38.98	-58.37	3.70	-54.67	-25	-29.67

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 12: 1.4MHz

Mode	TX channel 23095	Frequency Range	Above 1000MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1415	47.51	-56.21	5.58	-50.63	-13	-37.63
2	2122.5	42.86	-57.51	6.84	-50.68	-13	-37.68
3	2830	36.19	-64.99	6.97	-58.02	-13	-45.02
4	3537.5	38.04	-65.30	7.82	-57.47	-13	-44.47
5	4245	39.17	-65.23	7.04	-58.19	-13	-45.19
6	4952.5	41.91	-62.35	7.04	-55.31	-13	-42.31
7	5660	41.87	-61.80	5.71	-56.08	-13	-43.08
8	6367.5	45.56	-58.58	6.15	-52.43	-13	-39.43
9	7075	47.06	-54.64	4.83	-49.81	-13	-36.81
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1415	40.72	-63.00	5.58	-57.42	-13	-44.42
2	2122.5	41.22	-59.15	6.84	-52.32	-13	-39.32
3	2830	36.48	-64.70	6.97	-57.73	-13	-44.73
4	3537.5	38.80	-64.54	7.82	-56.71	-13	-43.71
5	4245	39.29	-65.11	7.04	-58.07	-13	-45.07
6	4952.5	38.39	-65.87	7.04	-58.83	-13	-45.83
7	5660	40.79	-63.92	7.01	-56.91	-13	-43.91
8	6367.5	43.28	-60.86	6.15	-54.71	-13	-41.71
9	7075	47.12	-54.58	4.83	-49.75	-13	-36.75

Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 12: 3MHz

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1415	45.82	-57.90	5.58	-52.32	-13	-39.32
2	2122.5	42.52	-57.85	6.84	-51.02	-13	-38.02
3	2830	35.37	-65.81	6.97	-58.84	-13	-45.84
4	3537.5	37.85	-65.49	7.82	-57.66	-13	-44.66
5	4245	38.69	-65.71	7.04	-58.67	-13	-45.67
6	4952.5	43.07	-61.19	7.04	-54.15	-13	-41.15
7	5660	42.82	-60.85	5.71	-55.13	-13	-42.13
8	6367.5	45.21	-58.93	6.15	-52.78	-13	-39.78
9	7075	46.62	-55.08	4.83	-50.25	-13	-37.25

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1415	41.90	-61.82	5.58	-56.24	-13	-43.24
2	2122.5	40.73	-59.64	6.84	-52.81	-13	-39.81
3	2830	37.62	-63.56	6.97	-56.59	-13	-43.59
4	3537.5	38.49	-64.85	7.82	-57.02	-13	-44.02
5	4245	39.54	-64.86	7.04	-57.82	-13	-44.82
6	4952.5	39.76	-64.50	7.04	-57.46	-13	-44.46
7	5660	41.04	-63.67	7.01	-56.66	-13	-43.66
8	6367.5	43.17	-60.97	6.15	-54.82	-13	-41.82
9	7075	46.07	-55.63	4.83	-50.80	-13	-37.80

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 12: 5MHz

Mode	TX channel 23095	Frequency Range	Above 1000MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1415	46.32	-57.40	5.58	-51.82	-13	-38.82
2	2122.5	43.11	-57.26	6.84	-50.43	-13	-37.43
3	2830	35.82	-65.36	6.97	-58.39	-13	-45.39
4	3537.5	37.55	-65.79	7.82	-57.96	-13	-44.96
5	4245	39.11	-65.29	7.04	-58.25	-13	-45.25
6	4952.5	42.75	-61.51	7.04	-54.47	-13	-41.47
7	5660	41.53	-62.14	5.71	-56.42	-13	-43.42
8	6367.5	45.49	-58.65	6.15	-52.50	-13	-39.50
9	7075	47.43	-54.27	4.83	-49.44	-13	-36.44
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1415	41.86	-61.86	5.58	-56.28	-13	-43.28
2	2122.5	42.13	-58.24	6.84	-51.41	-13	-38.41
3	2830	37.54	-63.64	6.97	-56.67	-13	-43.67
4	3537.5	38.48	-64.86	7.82	-57.03	-13	-44.03
5	4245	39.47	-64.93	7.04	-57.89	-13	-44.89
6	4952.5	37.98	-66.28	7.04	-59.24	-13	-46.24
7	5660	42.29	-62.42	7.01	-55.41	-13	-42.41
8	6367.5	42.99	-61.15	6.15	-55.00	-13	-42.00
9	7075	46.46	-55.24	4.83	-50.41	-13	-37.41

Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 12: 10MHz

Mode	TX channel 23095	Frequency Range	Above 1000MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1415	45.69	-58.03	5.58	-52.45	-13	-39.45
2	2122.5	43.06	-57.31	6.84	-50.48	-13	-37.48
3	2830	35.80	-65.38	6.97	-58.41	-13	-45.41
4	3537.5	38.63	-64.71	7.82	-56.88	-13	-43.88
5	4245	39.27	-65.13	7.04	-58.09	-13	-45.09
6	4952.5	41.73	-62.53	7.04	-55.49	-13	-42.49
7	5660	43.01	-60.66	5.71	-54.94	-13	-41.94
8	6367.5	45.31	-58.83	6.15	-52.68	-13	-39.68
9	7075	47.62	-54.08	4.83	-49.25	-13	-36.25
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1415	41.42	-62.30	5.58	-56.72	-13	-43.72
2	2122.5	40.99	-59.38	6.84	-52.55	-13	-39.55
3	2830	36.78	-64.40	6.97	-57.43	-13	-44.43
4	3537.5	37.63	-65.71	7.82	-57.88	-13	-44.88
5	4245	38.07	-66.33	7.04	-59.29	-13	-46.29
6	4952.5	38.41	-65.85	7.04	-58.81	-13	-45.81
7	5660	42.32	-62.39	7.01	-55.38	-13	-42.38
8	6367.5	42.73	-61.41	6.15	-55.26	-13	-42.26
9	7075	46.20	-55.50	4.83	-50.67	-13	-37.67

Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 13: 5MHz

Mode	TX channel 23230	Frequency Range	Above 1000MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1564	46.62	-56.55	6.11	-50.44	-13	-37.44
2	2346	43.18	-56.05	6.73	-49.32	-13	-36.32
3	3128	35.42	-67.33	7.32	-60.01	-13	-47.01
4	3910	38.66	-66.04	7.58	-58.46	-13	-45.46
5	4692	38.64	-65.77	7.19	-58.58	-13	-45.58
6	5474	41.88	-63.06	7.11	-55.95	-13	-42.95
7	6256	42.82	-60.85	5.71	-55.13	-13	-42.13
8	7038	44.7	-57.37	4.94	-52.43	-13	-39.43
9	7820	47.81	-54.81	4.27	-50.54	-13	-37.54

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1564	40.66	-62.51	6.11	-56.40	-13	-43.40
2	2346	40.71	-58.52	6.73	-51.79	-13	-38.79
3	3128	37.31	-65.44	7.32	-58.12	-13	-45.12
4	3910	38.23	-66.47	7.58	-58.89	-13	-45.89
5	4692	39.33	-65.08	7.19	-57.89	-13	-44.89
6	5474	39.81	-65.13	7.11	-58.02	-13	-45.02
7	6256	42.65	-61.49	6.34	-55.15	-13	-42.15
8	7038	43.09	-58.98	4.94	-54.04	-13	-41.04
9	7820	46.4	-56.22	4.27	-51.95	-13	-38.95

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 13: 10MHz

Mode	TX channel 23230	Frequency Range	Above 1000MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1564	46.64	-56.53	6.11	-50.42	-13	-37.42
2	2346	43.49	-55.74	6.73	-49.01	-13	-36.01
3	3128	35.43	-67.32	7.32	-60.00	-13	-47.00
4	3910	36.78	-67.92	7.58	-60.34	-13	-47.34
5	4692	39.94	-64.47	7.19	-57.28	-13	-44.28
6	5474	42.14	-62.80	7.11	-55.69	-13	-42.69
7	6256	42.88	-60.79	5.71	-55.07	-13	-42.07
8	7038	44.34	-57.73	4.94	-52.79	-13	-39.79
9	7820	46.25	-56.37	4.27	-52.10	-13	-39.10

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1564	40.74	-62.43	6.11	-56.32	-13	-43.32
2	2346	41.46	-57.77	6.73	-51.04	-13	-38.04
3	3128	37.65	-65.10	7.32	-57.78	-13	-44.78
4	3910	37.96	-66.74	7.58	-59.16	-13	-46.16
5	4692	38.69	-65.72	7.19	-58.53	-13	-45.53
6	5474	39.32	-65.62	7.11	-58.51	-13	-45.51
7	6256	42.09	-62.05	6.34	-55.71	-13	-42.71
8	7038	42.81	-59.26	4.94	-54.32	-13	-41.32
9	7820	45.95	-56.67	4.27	-52.40	-13	-39.40

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 17: 5MHz

Mode	TX channel 23790	Frequency Range	Above 1000MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1420	45.89	-57.82	5.61	-52.21	-13	-39.21
2	2130	43.35	-56.98	6.83	-50.15	-13	-37.15
3	2840	37.02	-64.24	6.98	-57.26	-13	-44.26
4	3550	37.69	-65.69	7.82	-57.88	-13	-44.88
5	4260	39.91	-64.47	7.03	-57.44	-13	-44.44
6	4970	41.57	-62.68	7.03	-55.65	-13	-42.65
7	5680	42.93	-60.74	5.71	-55.02	-13	-42.02
8	6390	44.07	-60.07	6.11	-53.96	-13	-40.96
9	7100	47.25	-54.35	4.78	-49.57	-13	-36.57

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1420	41.45	-62.26	5.61	-56.65	-13	-43.65
2	2130	41.43	-58.90	6.83	-52.07	-13	-39.07
3	2840	36.62	-64.64	6.98	-57.66	-13	-44.66
4	3550	38.37	-65.01	7.82	-57.20	-13	-44.20
5	4260	38.49	-65.89	7.03	-58.86	-13	-45.86
6	4970	39.21	-65.04	7.03	-58.01	-13	-45.01
7	5680	42.28	-62.40	6.99	-55.40	-13	-42.40
8	6390	43.98	-60.16	6.11	-54.05	-13	-41.05
9	7100	46.09	-55.51	4.78	-50.73	-13	-37.73

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



### LTE Band 17: 10MHz

Mode	TX channel 23790	Frequency Range	Above 1000MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1413	46.47	-57.25	5.57	-51.68	-13	-38.68
2	2119.5	42.74	-57.65	6.84	-50.81	-13	-37.81
3	2826	36.56	-64.59	6.96	-57.62	-13	-44.62
4	3532.5	37.13	-66.19	7.83	-58.36	-13	-45.36
5	4239	38.58	-65.83	7.04	-58.79	-13	-45.79
6	4945.5	42.24	-62.02	7.04	-54.98	-13	-41.98
7	5652	42.66	-61.01	5.71	-55.29	-13	-42.29
8	6358.5	45.29	-58.85	6.17	-52.68	-13	-39.68
9	7065	46.84	-54.90	4.85	-50.06	-13	-37.06

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1413	41.42	-62.30	5.57	-56.73	-13	-43.73
2	2119.5	41.59	-58.80	6.84	-51.96	-13	-38.96
3	2826	37.57	-63.58	6.96	-56.61	-13	-43.61
4	3532.5	39.14	-64.18	7.83	-56.35	-13	-43.35
5	4239	38.38	-66.03	7.04	-58.99	-13	-45.99
6	4945.5	39.71	-64.55	7.04	-57.51	-13	-44.51
7	5652	41.8	-62.92	7.01	-55.91	-13	-42.91
8	6358.5	43.34	-60.80	6.17	-54.63	-13	-41.63
9	7065	45.47	-56.27	4.85	-51.43	-13	-38.43

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 30: 5MHz

Mode	TX channel 27710	Frequency Range	Above 1000MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	5070	44.30	-60.04	7.02	-53.01	-40	-13.01
<b>2</b>	<b>7605</b>	<b>47.90</b>	<b>-54.72</b>	<b>4.46</b>	<b>-50.26</b>	<b>-40</b>	<b>-10.26</b>
3	10140	44.70	-57.02	3.91	-53.11	-40	-13.11
4	12675	36.4	-64.93	4.38	-60.56	-40	-20.56
5	15210	38.56	-58.79	3.70	-55.09	-40	-15.09
6	17745	39.51	-57.84	3.70	-54.14	-40	-14.14

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	5070	43.2	-61.14	7.02	-54.11	-40	-14.11
2	7605	45.3	-57.32	4.46	-52.86	-40	-12.86
3	10140	44.2	-57.52	3.91	-53.61	-40	-13.61
4	12675	35.1	-66.23	4.38	-61.86	-40	-21.86
5	15210	37.21	-60.14	3.70	-56.44	-40	-16.44
6	17745	38.94	-58.41	3.70	-54.71	-40	-14.71

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

**LTE Band 30: 10MHz**

Mode	TX channel 27710	Frequency Range	Above 1000MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	5070	44.95	-59.39	7.02	-52.36	-40	-12.36
2	7605	47.15	-55.47	4.46	-51.01	-40	-11.01
3	10140	44.88	-56.84	3.91	-52.93	-40	-12.93
4	12675	37.11	-64.22	4.38	-59.85	-40	-19.85
5	15210	39.17	-58.18	3.70	-54.48	-40	-14.48
6	17745	40.32	-57.03	3.70	-53.33	-40	-13.33

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	5070	43.23	-61.11	7.02	-54.08	-40	-14.08
2	7605	44.87	-57.75	4.46	-53.29	-40	-13.29
3	10140	43.93	-57.79	3.91	-53.88	-40	-13.88
4	12675	34.27	-67.06	4.38	-62.69	-40	-22.69
5	15210	38.08	-59.27	3.70	-55.57	-40	-15.57
6	17745	38.71	-58.64	3.70	-54.94	-40	-14.94

**Remarks:**

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

**LTE Band 38: 5MHz**

Mode	TX channel 38000	Frequency Range	Above 1000MHz
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**Antenna Polarity & Test Distance: Horizontal at 3 M**

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	5190	46.58	-57.94	7.05	-50.88	-25	-25.88
2	7785	41.85	-60.77	4.30	-56.47	-25	-31.47
3	10380	35.74	-66.25	3.68	-62.56	-25	-37.56
4	12975	38.36	-62.51	4.44	-58.07	-25	-33.07
5	15570	38.59	-58.76	3.70	-55.06	-25	-30.06

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	5190	42.07	-62.45	7.05	-55.39	-25	-30.39
2	7785	41.47	-61.15	4.30	-56.85	-25	-31.85
3	10380	37.41	-64.58	3.68	-60.89	-25	-35.89
4	12975	38.07	-62.80	4.44	-58.36	-25	-33.36
5	15570	38.84	-58.51	3.70	-54.81	-25	-29.81

**Remarks:**

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 38: 10MHz

Mode	TX channel 38000	Frequency Range	Above 1000MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	5190	47.50	-57.02	7.05	-49.96	-25	-24.96
2	7785	43.20	-59.42	4.30	-55.12	-25	-30.12
3	10380	35.37	-66.62	3.68	-62.93	-25	-37.93
4	12975	38.59	-62.28	4.44	-57.84	-25	-32.84
5	15570	38.73	-58.62	3.70	-54.92	-25	-29.92

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	5190	41.09	-63.43	7.05	-56.37	-25	-31.37
2	7785	40.38	-62.24	4.30	-57.94	-25	-32.94
3	10380	37.85	-64.14	3.68	-60.45	-25	-35.45
4	12975	38.73	-62.14	4.44	-57.70	-25	-32.70
5	15570	39.53	-57.82	3.70	-54.12	-25	-29.12

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 38: 15MHz

Mode	TX channel 38000	Frequency Range	Above 1000MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	5190	46.79	-57.73	7.05	-50.67	-25	-25.67
2	7785	42.96	-59.66	4.30	-55.36	-25	-30.36
3	10380	36.18	-65.81	3.68	-62.12	-25	-37.12
4	12975	38.06	-62.81	4.44	-58.37	-25	-33.37
5	15570	39.05	-58.30	3.70	-54.60	-25	-29.60

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	5190	41.07	-63.45	7.05	-56.39	-25	-31.39
2	7785	40.28	-62.34	4.30	-58.04	-25	-33.04
3	10380	37.39	-64.60	3.68	-60.91	-25	-35.91
4	12975	37.75	-63.12	4.44	-58.68	-25	-33.68
5	15570	38.67	-58.68	3.70	-54.98	-25	-29.98

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 38: 20MHz

Mode	TX channel 38000	Frequency Range	Above 1000MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	5190	45.59	-58.93	7.05	-51.87	-25	-26.87
2	7785	43.25	-59.37	4.30	-55.07	-25	-30.07
3	10380	37.28	-64.71	3.68	-61.02	-25	-36.02
4	12975	37.81	-63.06	4.44	-58.62	-25	-33.62
5	15570	39.98	-57.37	3.70	-53.67	-25	-28.67

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	5190	42.04	-62.48	7.05	-55.42	-25	-30.42
2	7785	41.54	-61.08	4.30	-56.78	-25	-31.78
3	10380	37.15	-64.84	3.68	-61.15	-25	-36.15
4	12975	38.65	-62.22	4.44	-57.78	-25	-32.78
5	15570	39.52	-57.83	3.70	-54.13	-25	-29.13

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 41: 5MHz

Mode	TX channel 40620	Frequency Range	Above 1000MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	5186	46.43	-58.08	7.05	-51.03	-25	-26.03
2	7779	43.08	-59.54	4.31	-55.23	-25	-30.23
3	10372	36.52	-65.46	3.69	-61.77	-25	-36.77
4	12965	38.71	-62.17	4.44	-57.74	-25	-32.74
5	15558	39.83	-57.52	3.70	-53.82	-25	-28.82

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	5186	41.26	-63.25	7.05	-56.20	-25	-31.20
2	7779	42.17	-60.45	4.31	-56.14	-25	-31.14
3	10372	36.67	-65.31	3.69	-61.62	-25	-36.62
4	12965	39.01	-61.87	4.44	-57.44	-25	-32.44
5	15558	38.3	-59.05	3.70	-55.35	-25	-30.35

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



### LTE Band 41: 10MHz

Mode	TX channel 40620	Frequency Range	Above 1000MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	5186	45.98	-58.53	7.05	-51.48	-25	-26.48
2	7779	43.11	-59.51	4.31	-55.20	-25	-30.20
3	10372	35.84	-66.14	3.69	-62.45	-25	-37.45
4	12965	37.45	-63.43	4.44	-59.00	-25	-34.00
5	15558	39.95	-57.40	3.70	-53.70	-25	-28.70

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	5186	41.18	-63.33	7.05	-56.28	-25	-31.28
2	7779	41.03	-61.59	4.31	-57.28	-25	-32.28
3	10372	37.57	-64.41	3.69	-60.72	-25	-35.72
4	12965	38	-62.88	4.44	-58.45	-25	-33.45
5	15558	38.12	-59.23	3.70	-55.53	-25	-30.53

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 41: 15MHz

Mode	TX channel 40620	Frequency Range	Above 1000MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	5186	46.77	-57.74	7.05	-50.69	-25	-25.69
2	7779	43.53	-59.09	4.31	-54.78	-25	-29.78
3	10372	36.10	-65.88	3.69	-62.19	-25	-37.19
4	12965	37.82	-63.06	4.44	-58.63	-25	-33.63
5	15558	40.16	-57.19	3.70	-53.49	-25	-28.49

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	5186	40.97	-63.54	7.05	-56.49	-25	-31.49
2	7779	40.99	-61.63	4.31	-57.32	-25	-32.32
3	10372	36.49	-65.49	3.69	-61.80	-25	-36.80
4	12965	38.32	-62.56	4.44	-58.13	-25	-33.13
5	15558	38.16	-59.19	3.70	-55.49	-25	-30.49

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 41: 20MHz

Mode	TX channel 40620	Frequency Range	Above 1000MHz
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#### Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	5186	45.67	-58.84	7.05	-51.79	-25	-30.75
2	7779	43.52	-59.10	4.31	-54.79	-25	-32.80
3	10372	35.76	-66.22	3.69	-62.53	-25	-37.06
4	12965	37.95	-62.93	4.44	-58.50	-25	-32.37
5	15558	39.49	-57.86	3.70	-54.16	-25	-29.01

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	5186	41.71	-62.80	7.05	-55.75	-25	-26.79
2	7779	40.51	-62.11	4.31	-57.80	-25	-29.79
3	10372	36.23	-65.75	3.69	-62.06	-25	-37.53
4	12965	39.08	-61.80	4.44	-57.37	-25	-33.50
5	15558	39.64	-57.71	3.70	-54.01	-25	-29.16

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

**LTE Band 66: 1.4MHz**

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3490	47.21	-55.95	7.85	-48.10	-13	-35.10
2	5235	43.07	-61.51	7.06	-54.45	-13	-41.45
3	6980	35.37	-66.73	5.01	-61.73	-13	-48.73
4	8725	38.22	-64.52	4.24	-60.28	-13	-47.28
5	10470	39.98	-62.11	3.60	-58.51	-13	-45.51
6	12215	43.49	-58.02	4.37	-53.65	-13	-40.65
7	13960	41.87	-61.80	5.71	-56.08	-13	-43.08
8	15705	44.51	-52.84	3.70	-49.14	-13	-36.14
9	17450	47.74	-49.61	3.70	-45.91	-13	-32.91

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3490	42.23	-60.93	7.85	-53.08	-13	-40.08
2	5235	41.42	-63.16	7.06	-56.10	-13	-43.10
3	6980	36.45	-65.65	5.01	-60.65	-13	-47.65
4	8725	37.99	-64.75	4.24	-60.51	-13	-47.51
5	10470	38.87	-63.22	3.60	-59.62	-13	-46.62
6	12215	38.69	-62.82	4.37	-58.45	-13	-45.45
7	13960	42.04	-57.48	2.25	-55.24	-13	-42.24
8	15705	43.8	-53.55	3.70	-49.85	-13	-36.85
9	17450	46.21	-51.14	3.70	-47.44	-13	-34.44

**Remarks:**

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

**LTE Band 66: 3MHz**

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3490	46.55	-56.61	7.85	-48.76	-13	-35.76
2	5235	42.71	-61.87	7.06	-54.81	-13	-41.81
3	6980	36.29	-65.81	5.01	-60.81	-13	-47.81
4	8725	37.78	-64.96	4.24	-60.72	-13	-47.72
5	10470	39.25	-62.84	3.60	-59.24	-13	-46.24
6	12215	42.52	-58.99	4.37	-54.62	-13	-41.62
7	13960	42.43	-61.24	5.71	-55.52	-13	-42.52
8	15705	44.72	-52.63	3.70	-48.93	-13	-35.93
9	17450	47.06	-50.29	3.70	-46.59	-13	-33.59

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3490	41.29	-61.87	7.85	-54.02	-13	-41.02
2	5235	41.17	-63.41	7.06	-56.35	-13	-43.35
3	6980	36.92	-65.18	5.01	-60.18	-13	-47.18
4	8725	38.55	-64.19	4.24	-59.95	-13	-46.95
5	10470	38.95	-63.14	3.60	-59.54	-13	-46.54
6	12215	38.86	-62.65	4.37	-58.28	-13	-45.28
7	13960	41.65	-57.87	2.25	-55.63	-13	-42.63
8	15705	43.53	-53.82	3.70	-50.12	-13	-37.12
9	17450	46.32	-51.03	3.70	-47.33	-13	-34.33

**Remarks:**

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

**LTE Band 66: 5MHz**

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3490	46.23	-56.93	7.85	-49.08	-13	-36.08
2	5235	42.30	-62.28	7.06	-55.22	-13	-42.22
3	6980	36.44	-65.66	5.01	-60.66	-13	-47.66
4	8725	38.04	-64.70	4.24	-60.46	-13	-47.46
5	10470	38.39	-63.70	3.60	-60.10	-13	-47.10
6	12215	43	-58.51	4.37	-54.14	-13	-41.14
7	13960	42.81	-60.86	5.71	-55.14	-13	-42.14
8	15705	44.87	-52.48	3.70	-48.78	-13	-35.78
9	17450	46.08	-51.27	3.70	-47.57	-13	-34.57

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3490	41.43	-61.73	7.85	-53.88	-13	-40.88
2	5235	40.9	-63.68	7.06	-56.62	-13	-43.62
3	6980	36.61	-65.49	5.01	-60.49	-13	-47.49
4	8725	38.29	-64.45	4.24	-60.21	-13	-47.21
5	10470	39.36	-62.73	3.60	-59.13	-13	-46.13
6	12215	39.74	-61.77	4.37	-57.40	-13	-44.40
7	13960	42.18	-57.34	2.25	-55.10	-13	-42.10
8	15705	44.23	-53.12	3.70	-49.42	-13	-36.42
9	17450	45.85	-51.50	3.70	-47.80	-13	-34.80

**Remarks:**

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

**LTE Band 66: 10MHz**

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3490	45.72	-57.44	7.85	-49.59	-13	-36.59
2	5235	42.99	-61.59	7.06	-54.53	-13	-41.53
3	6980	35.42	-66.68	5.01	-61.68	-13	-48.68
4	8725	37.82	-64.92	4.24	-60.68	-13	-47.68
5	10470	40.1	-61.99	3.60	-58.39	-13	-45.39
6	12215	42.75	-58.76	4.37	-54.39	-13	-41.39
7	13960	42.5	-61.17	5.71	-55.45	-13	-42.45
8	15705	44.15	-53.20	3.70	-49.50	-13	-36.50
9	17450	46.35	-51.00	3.70	-47.30	-13	-34.30

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3490	42.17	-60.99	7.85	-53.14	-13	-40.14
2	5235	40.6	-63.98	7.06	-56.92	-13	-43.92
3	6980	36.79	-65.31	5.01	-60.31	-13	-47.31
4	8725	38.02	-64.72	4.24	-60.48	-13	-47.48
5	10470	38.28	-63.81	3.60	-60.21	-13	-47.21
6	12215	39.47	-62.04	4.37	-57.67	-13	-44.67
7	13960	42.45	-57.07	2.25	-54.83	-13	-41.83
8	15705	43.44	-53.91	3.70	-50.21	-13	-37.21
9	17450	46.54	-50.81	3.70	-47.11	-13	-34.11

**Remarks:**

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

### LTE Band 66: 15MHz

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3490	47.32	-55.84	7.85	-47.99	-13	-34.99
2	5235	42.60	-61.98	7.06	-54.92	-13	-41.92
3	6980	35.79	-66.31	5.01	-61.31	-13	-48.31
4	8725	37.5	-65.24	4.24	-61.00	-13	-48.00
5	10470	39.39	-62.70	3.60	-59.10	-13	-46.10
6	12215	43.22	-58.29	4.37	-53.92	-13	-40.92
7	13960	42.07	-61.60	5.71	-55.88	-13	-42.88
8	15705	44.55	-52.80	3.70	-49.10	-13	-36.10
9	17450	47.89	-49.46	3.70	-45.76	-13	-32.76

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3490	40.81	-62.35	7.85	-54.50	-13	-41.50
2	5235	41.7	-62.88	7.06	-55.82	-13	-42.82
3	6980	36.61	-65.49	5.01	-60.49	-13	-47.49
4	8725	39.36	-63.38	4.24	-59.14	-13	-46.14
5	10470	39.54	-62.55	3.60	-58.95	-13	-45.95
6	12215	39.32	-62.19	4.37	-57.82	-13	-44.82
7	13960	42.51	-57.01	2.25	-54.77	-13	-41.77
8	15705	43.59	-53.76	3.70	-50.06	-13	-37.06
9	17450	46.99	-50.36	3.70	-46.66	-13	-33.66

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



### LTE Band 66: 20MHz

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3490	47.20	-55.96	7.85	-48.11	-13	-35.11
2	5235	43.39	-61.19	7.06	-54.13	-13	-41.13
3	6980	36.70	-65.40	5.01	-60.40	-13	-47.40
4	8725	37.21	-65.53	4.24	-61.29	-13	-48.29
5	10470	38.91	-63.18	3.60	-59.58	-13	-46.58
6	12215	42.28	-59.23	4.37	-54.86	-13	-41.86
7	13960	43.34	-60.33	5.71	-54.61	-13	-41.61
8	15705	45.51	-51.84	3.70	-48.14	-13	-35.14
9	17450	48.03	-49.32	3.70	-45.62	-13	-32.62

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

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3490	40.71	-62.45	7.85	-54.60	-13	-41.60
2	5235	41.79	-62.79	7.06	-55.73	-13	-42.73
3	6980	36.56	-65.54	5.01	-60.54	-13	-47.54
4	8725	39.09	-63.65	4.24	-59.41	-13	-46.41
5	10470	38.8	-63.29	3.60	-59.69	-13	-46.69
6	12215	37.92	-63.59	4.37	-59.22	-13	-46.22
7	13960	41.86	-57.66	2.25	-55.42	-13	-42.42
8	15705	42.58	-54.77	3.70	-51.07	-13	-38.07
9	17450	45.69	-51.66	3.70	-47.96	-13	-34.96

#### Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

## 5 Pictures of Test Arrangements

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

## Appendix – Information on 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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