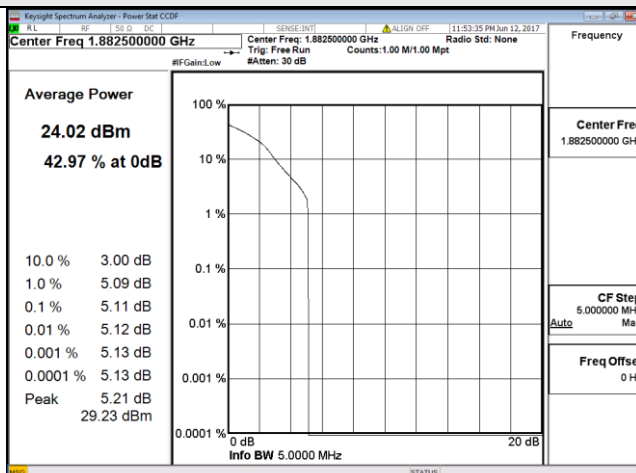


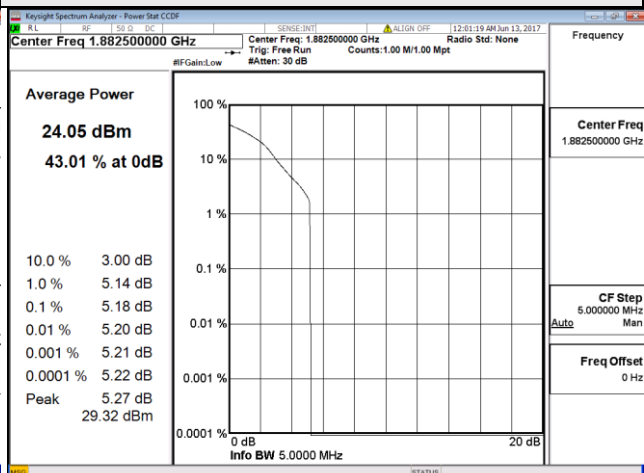
LTE Band 25							
Channel Bandwidth 1.4MHz				Channel Bandwidth 3MHz			
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		Channel	Frequency (MHz)	Peak To Average Ratio (dB)	
		QPSK	16QAM			QPSK	16QAM
26047	1850.7	3.91	4.71	26055	1851.5	3.90	4.64
26365	1882.5	4.33	5.11	26365	1882.5	4.35	5.18
26683	1914.3	3.52	4.25	26675	1913.5	3.39	4.14
Channel Bandwidth 5MHz				Channel Bandwidth 10MHz			
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		Channel	Frequency (MHz)	Peak To Average Ratio (dB)	
		QPSK	16QAM			QPSK	16QAM
26065	1852.5	3.77	4.60	26090	1855	3.61	4.37
26365	1882.5	4.29	5.10	26365	1882.5	4.18	4.98
26665	1912.5	3.50	4.25	26640	1910	3.38	4.13
Channel Bandwidth 15MHz				Channel Bandwidth 20MHz			
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		Channel	Frequency (MHz)	Peak To Average Ratio (dB)	
		QPSK	16QAM			QPSK	16QAM
26615	1857.5	3.73	4.51	26140	1860	3.69	4.40
26365	1882.5	4.25	5.09	26365	1882.5	4.22	4.99
26615	1907.5	3.84	4.85	26590	1905	3.62	4.50

### Spectrum Plot of Worst Value

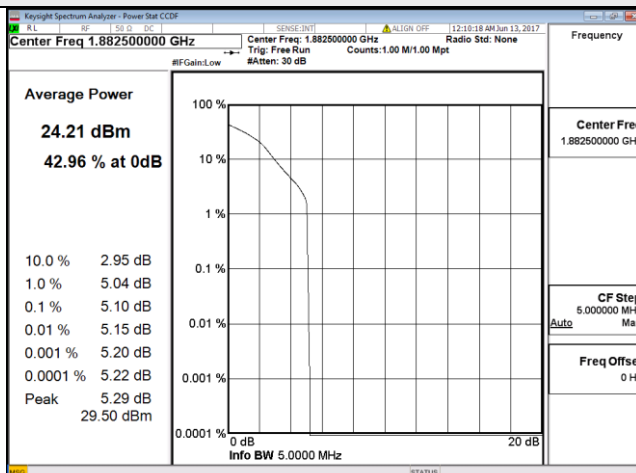
#### 1.4MHz / 16QAM



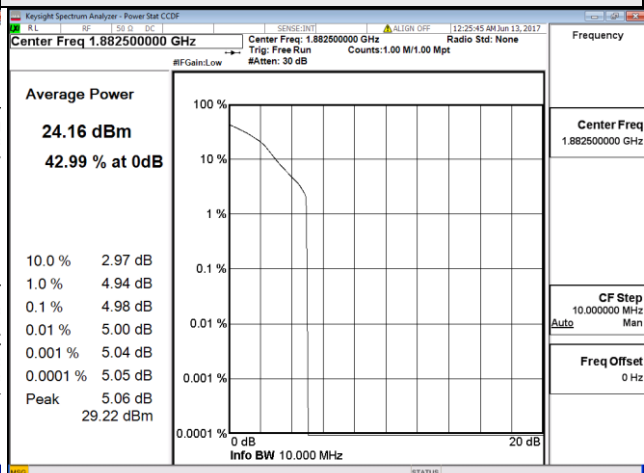
#### 3MHz / 16QAM



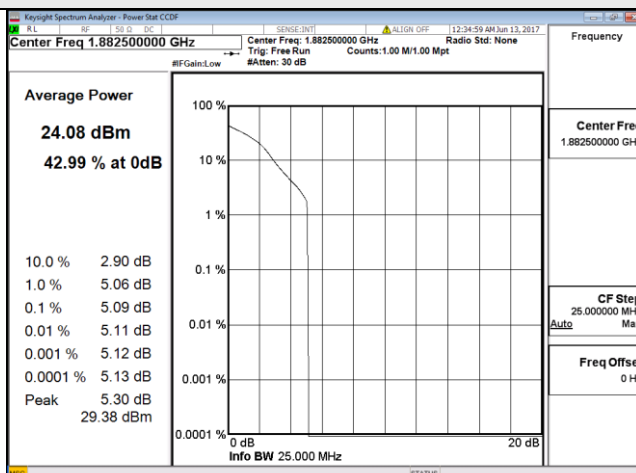
#### 5MHz / 16QAM



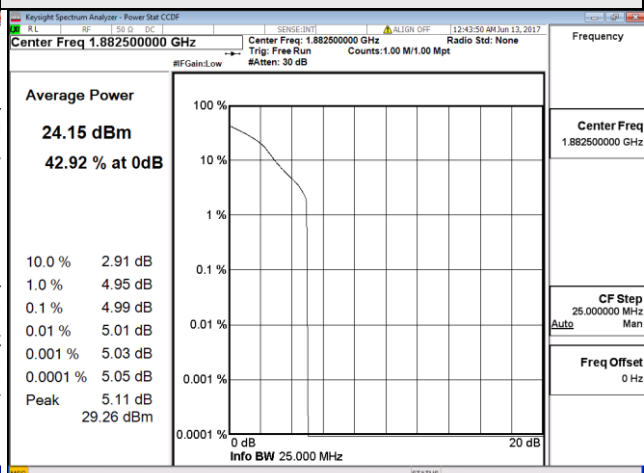
#### 10MHz / 16QAM



#### 15MHz / 16QAM



#### 20MHz / 16QAM

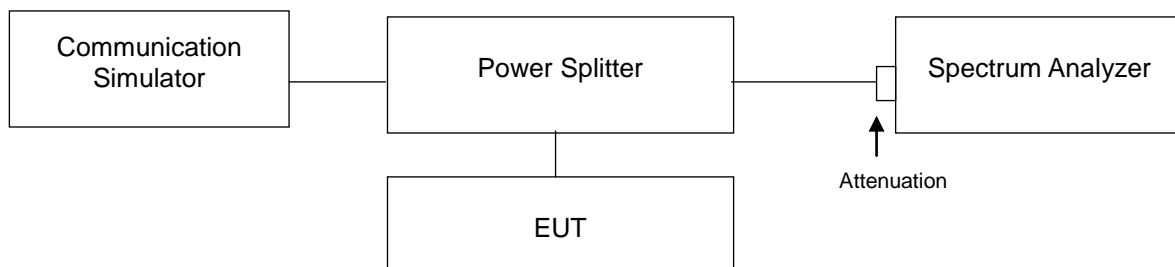


## 4.6 Conducted Spurious Emissions

### 4.6.1 Limits of Conducted Spurious Emissions Measurement

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

### 4.6.2 Test Setup

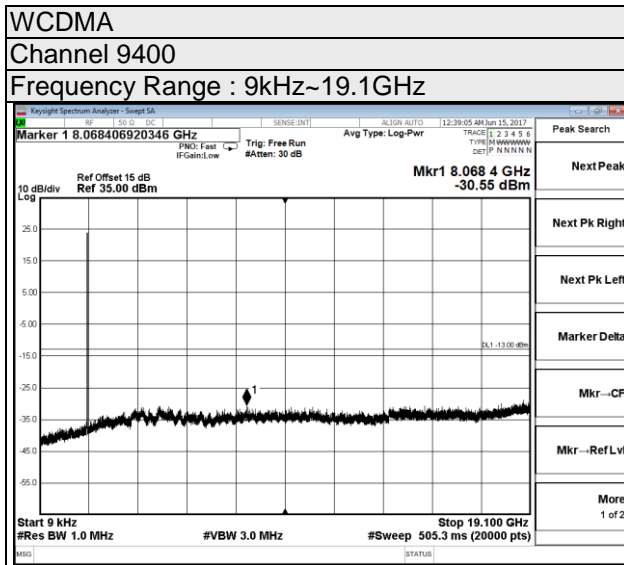


### 4.6.3 Test Procedure

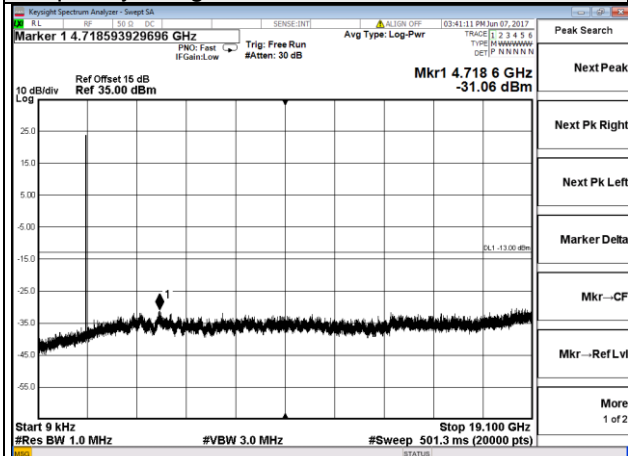
- a. All measurements were done at middle operational frequency range.
- b. Measuring frequency range is from 9 kHz to 19.1GHz for WCDMA band and LTE band 2 / 9 kHz to 19.15GHz for LTE band 25.

RBW=1MHz and VBW=3MHz is used for conducted emission measurement.

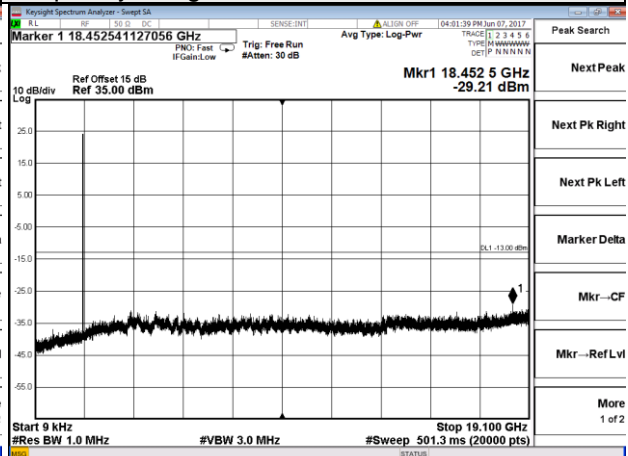
#### 4.6.4 Test Results (Subcontract Item)



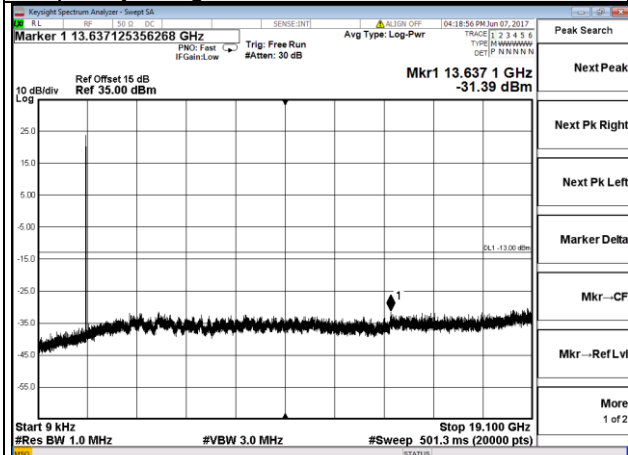
LTE Band 2 Channel Band width: 1.4MHz  
 Channel 18900  
 Frequency Range : 9kHz~19.1GHz



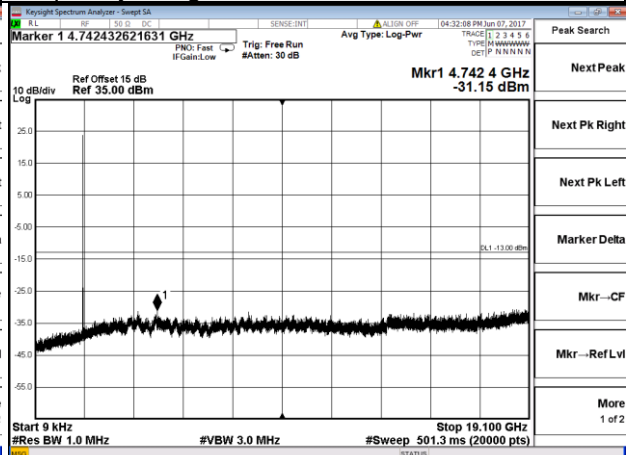
LTE Band 2 Channel Band width: 3MHz  
 Channel 18900  
 Frequency Range : 9kHz~19.1GHz



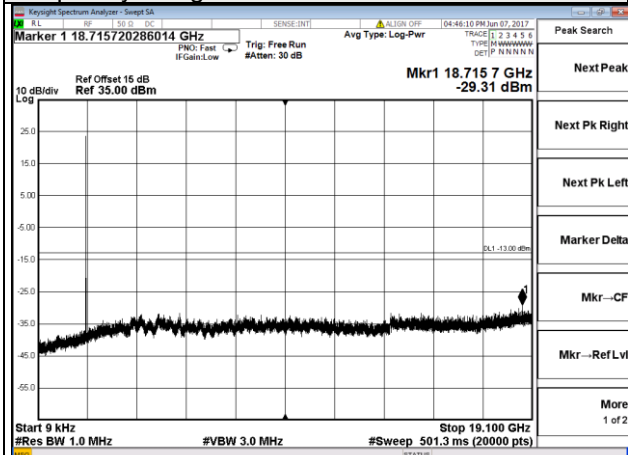
LTE Band 2 Channel Band width: 5MHz  
 Channel 18900  
 Frequency Range : 9kHz~19.1GHz



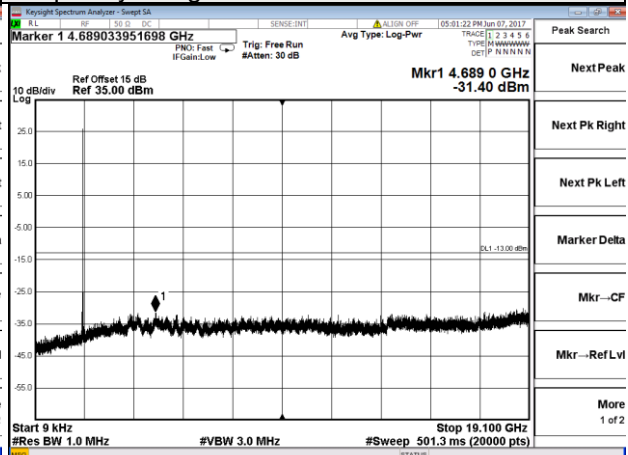
LTE Band 2 Channel Band width: 10MHz  
 Channel 18900  
 Frequency Range : 9kHz~19.1GHz



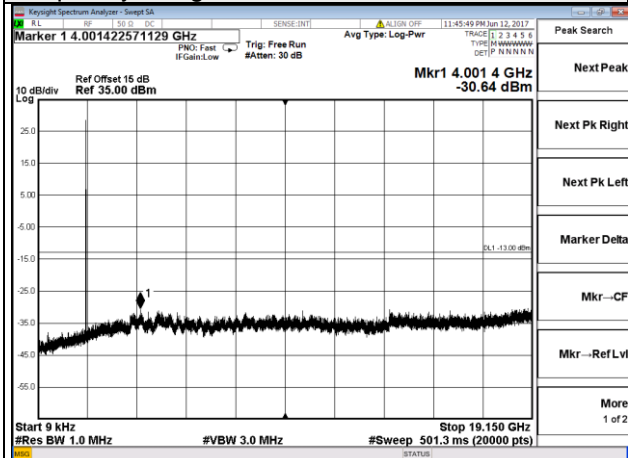
LTE Band 2 Channel Band width: 15MHz  
 Channel 18900  
 Frequency Range : 9kHz~19.1GHz



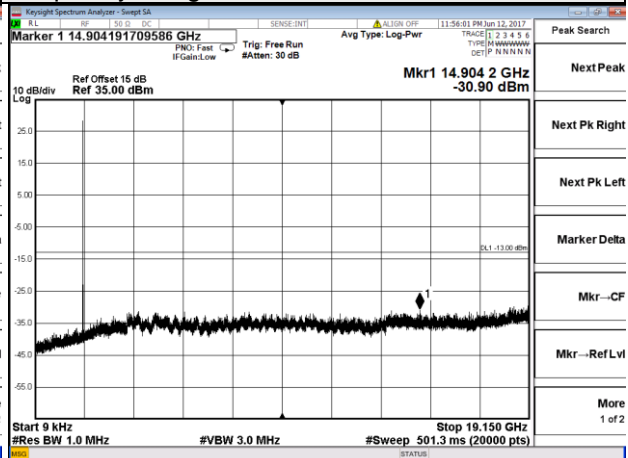
LTE Band 2 Channel Band width: 20MHz  
 Channel 18900  
 Frequency Range : 9kHz~19.1GHz



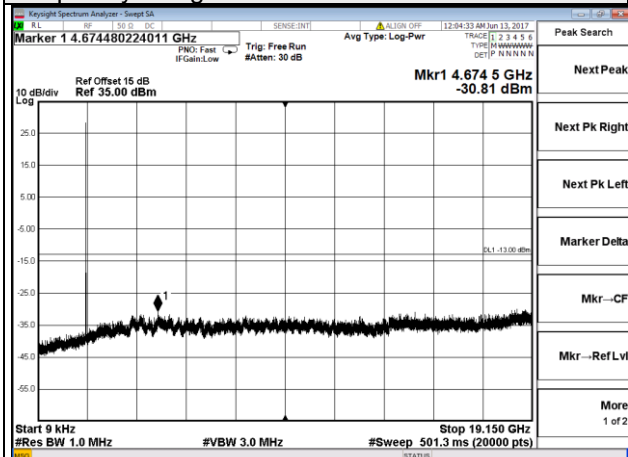
LTE Band 25 Channel Band width: 1.4MHz  
 Channel 26365  
 Frequency Range : 9kHz~19.15GHz



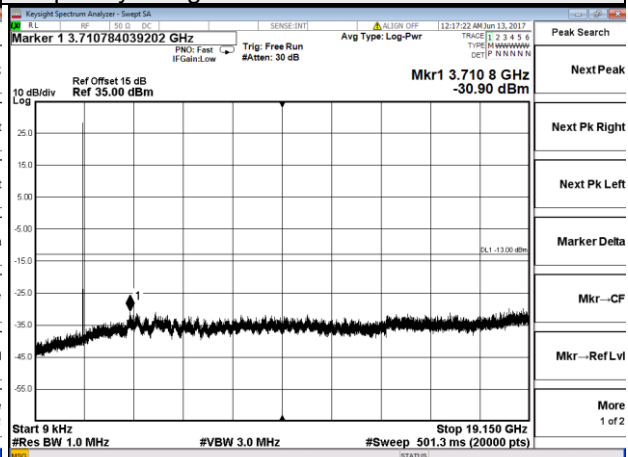
LTE Band 25 Channel Band width: 3MHz  
 Channel 26365  
 Frequency Range : 9kHz~19.15GHz



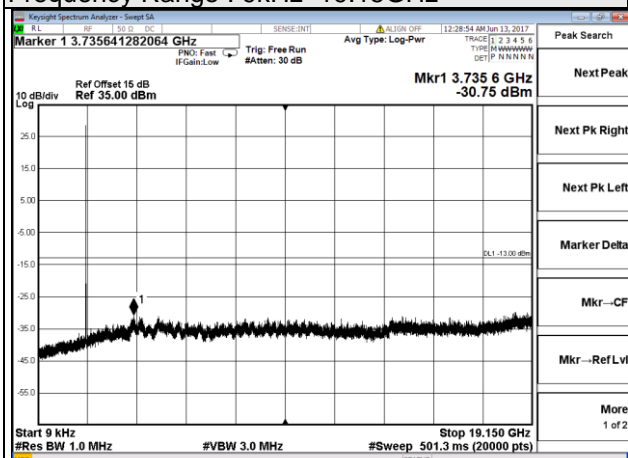
LTE Band 25 Channel Band width: 5MHz  
 Channel 26365  
 Frequency Range : 9kHz~19.15GHz



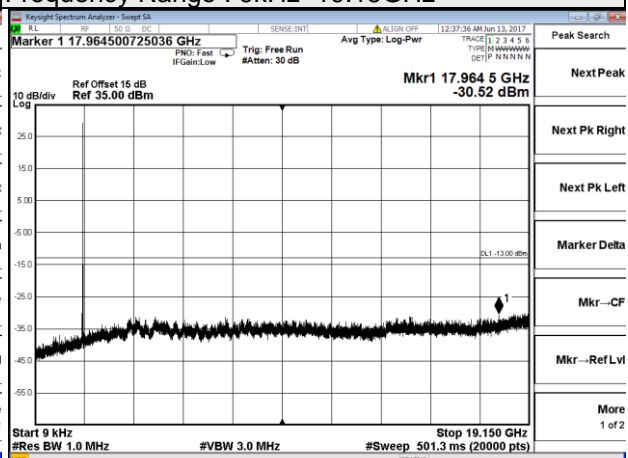
LTE Band 25 Channel Band width: 10MHz  
 Channel 26365  
 Frequency Range : 9kHz~19.15GHz



LTE Band 25 Channel Band width: 15MHz  
 Channel 26365  
 Frequency Range : 9kHz~19.15GHz



LTE Band 25 Channel Band width: 20MHz  
 Channel 26365  
 Frequency Range : 9kHz~19.15GHz



## 4.7 Radiated Emission Measurement

### 4.7.1 Limits of Radiated Emission Measurement

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

### 4.7.2 Test Procedure

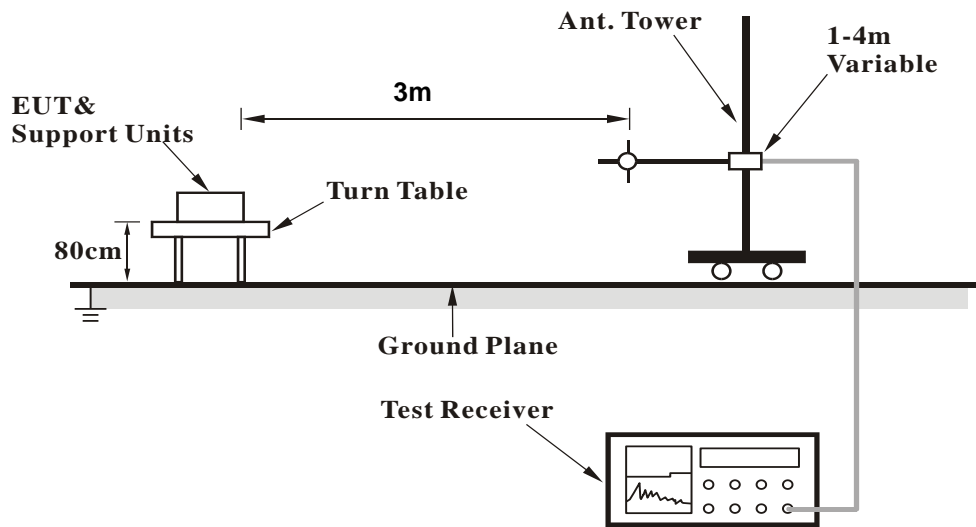
- a. The power was measured with Spectrum Analyzer.
- b. Substitution method is used for EIRP measurement. In the semi-anechoic chamber, EUT placed on the 0.8m/1.5m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical 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.  $\text{EIRP} = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution antenna}$ .
- e. ERP power can be calculated form EIRP power by subtracting the gain of dipole,  $\text{ERP power} = \text{EIPR power} - 2.15\text{dBi}$ .

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

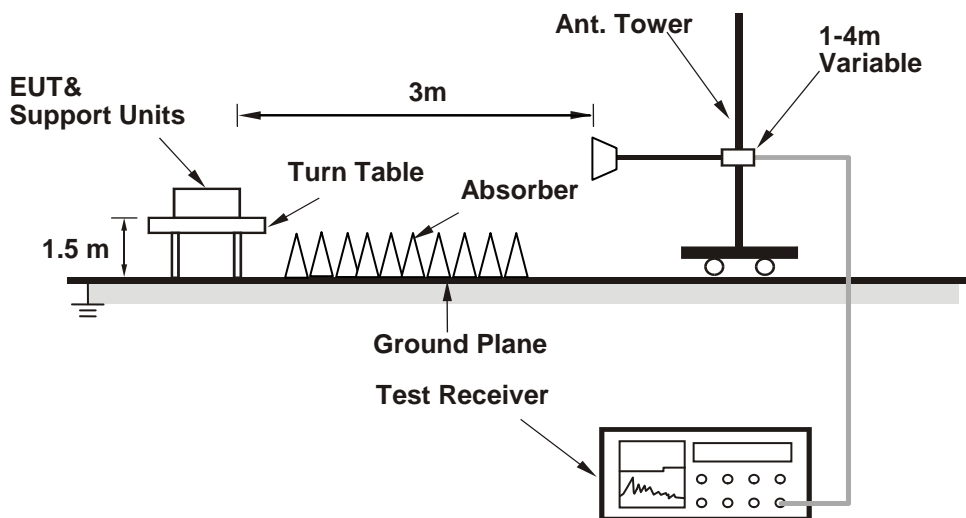
### 4.7.3 Deviation from Test Standard

No deviation.

**4.7.4 Test Setup  
For Below 1GHz**



**For 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 9400	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	92.7	34.86	-57.05	-1.04	-58.10	-13	-45.10
2	237.57	35.24	-60.12	3.84	-56.28	-13	-43.28
3	288.05	34.30	-61.17	3.78	-57.38	-13	-44.38
4	345.01	34.52	-63.17	3.61	-59.56	-13	-46.56
5	469.59	36.50	-60.68	2.84	-57.84	-13	-44.84
6	736.95	30.84	-65.53	1.02	-64.50	-13	-51.50
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	68.25	31.11	-56.52	-4.91	-61.43	-13	-48.43
2	94.53	33.32	-58.48	-1.00	-59.49	-13	-46.49
3	129.54	28.08	-63.27	-1.23	-64.51	-13	-51.51
4	237.88	31.87	-63.49	3.82	-59.67	-13	-46.67
5	510.15	33.83	-61.56	2.81	-58.75	-13	-45.75
6	609.73	35.16	-59.53	1.78	-57.75	-13	-44.75

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 2: 1.4 MHz

Mode	TX channel 18900	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	92.68	33.76	-58.04	-1.00	-59.05	-13	-46.05
3	128.4	26.79	-64.56	-1.23	-65.80	-13	-52.80
4	238.27	30.87	-64.49	3.82	-60.67	-13	-47.67
5	510.38	33.12	-62.27	2.81	-59.46	-13	-46.46
6	609.06	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 2: 3 MHz

Mode	TX channel 18900	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	92.68	33.76	-58.04	-1.00	-59.05	-13	-46.05
3	128.4	26.79	-64.56	-1.23	-65.80	-13	-52.80
4	238.27	30.87	-64.49	3.82	-60.67	-13	-47.67
5	510.38	33.12	-62.27	2.81	-59.46	-13	-46.46
6	609.06	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 2: 5 MHz**

Mode	TX channel 18900	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 2: 10 MHz

Mode	TX channel 18900	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 2: 15 MHz

Mode	TX channel 18900	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 25: 1.4 MHz

Mode	TX channel 26365	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	84.3	35.42	-56.49	-1.04	-57.54	-13	-44.54
2	136.81	35.69	-59.67	3.84	-55.83	-13	-42.83
3	289.12	34.24	-61.23	3.78	-57.44	-13	-44.44
4	345.99	33.45	-64.24	3.61	-60.63	-13	-47.63
5	469.97	35.47	-61.71	2.84	-58.87	-13	-45.87
6	736.34	30.55	-65.82	1.02	-64.79	-13	-51.79

#### 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	30.50	-57.13	-4.91	-62.04	-13	-49.04
2	92.56	33.13	-58.67	-1.00	-59.68	-13	-46.68
3	129.81	27.50	-63.85	-1.23	-65.09	-13	-52.09
4	237.59	30.81	-64.55	3.82	-60.73	-13	-47.73
5	509.38	33.10	-62.29	2.81	-59.48	-13	-46.48
6	608.99	33.65	-61.04	1.78	-59.26	-13	-46.26

#### 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 25: 3 MHz**

Mode	TX channel 26365	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	35.25	-56.66	-1.04	-57.71	-13	-44.71
2	138.11	35.76	-59.60	3.84	-55.76	-13	-42.76
3	288.23	33.59	-61.88	3.78	-58.09	-13	-45.09
4	345.26	32.89	-64.80	3.61	-61.19	-13	-48.19
5	470.44	35.67	-61.51	2.84	-58.67	-13	-45.67
6	736.96	30.50	-65.87	1.02	-64.84	-13	-51.84

**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	30.03	-57.60	-4.91	-62.51	-13	-49.51
2	92.9	33.02	-58.78	-1.00	-59.79	-13	-46.79
3	128.5	27.58	-63.77	-1.23	-65.01	-13	-52.01
4	238.01	31.61	-63.75	3.82	-59.93	-13	-46.93
5	509.23	33.12	-62.27	2.81	-59.46	-13	-46.46
6	609.29	33.61	-61.08	1.78	-59.30	-13	-46.30

**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 25: 5 MHz**

Mode	TX channel 26365	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	84.53	35.79	-56.12	-1.04	-57.17	-13	-44.17
2	136.56	35.53	-59.83	3.84	-55.99	-13	-42.99
3	289.06	33.90	-61.57	3.78	-57.78	-13	-44.78
4	346.62	34.03	-63.66	3.61	-60.05	-13	-47.05
5	470.51	35.77	-61.41	2.84	-58.57	-13	-45.57
6	736.13	30.10	-66.27	1.02	-65.24	-13	-52.24

**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	68.44	30.10	-57.53	-4.91	-62.44	-13	-49.44
2	94.19	33.73	-58.07	-1.00	-59.08	-13	-46.08
3	128.76	27.38	-63.97	-1.23	-65.21	-13	-52.21
4	237.8	31.18	-64.18	3.82	-60.36	-13	-47.36
5	509.21	33.31	-62.08	2.81	-59.27	-13	-46.27
6	609.28	33.04	-61.65	1.78	-59.87	-13	-46.87

**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 25: 10 MHz

Mode	TX channel 26365	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	85.13	35.89	-56.02	-1.04	-57.07	-13	-44.07
2	137.21	35.66	-59.70	3.84	-55.86	-13	-42.86
3	289.05	33.92	-61.55	3.78	-57.76	-13	-44.76
4	345.79	33.19	-64.50	3.61	-60.89	-13	-47.89
5	470.57	35.00	-62.18	2.84	-59.34	-13	-46.34
6	737.1	30.14	-66.23	1.02	-65.20	-13	-52.20

#### 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	85.13	35.89	-56.02	-1.04	-57.07	-13	-44.07
2	137.21	35.66	-59.70	3.84	-55.86	-13	-42.86
3	289.05	33.92	-61.55	3.78	-57.76	-13	-44.76
4	345.79	33.19	-64.50	3.61	-60.89	-13	-47.89
5	470.57	35.00	-62.18	2.84	-59.34	-13	-46.34
6	737.1	30.14	-66.23	1.02	-65.20	-13	-52.20

#### 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 25: 15 MHz

Mode	TX channel 26365	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	85.13	35.89	-56.02	-1.04	-57.07	-13	-44.07
2	137.21	35.66	-59.70	3.84	-55.86	-13	-42.86
3	289.05	33.92	-61.55	3.78	-57.76	-13	-44.76
4	345.79	33.19	-64.50	3.61	-60.89	-13	-47.89
5	470.57	35.00	-62.18	2.84	-59.34	-13	-46.34
6	737.1	30.14	-66.23	1.02	-65.20	-13	-52.20

#### 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	66.99	31.07	-56.56	-4.91	-61.47	-13	-48.47
2	92.4	34.28	-57.52	-1.00	-58.53	-13	-45.53
3	129.28	27.84	-63.51	-1.23	-64.75	-13	-51.75
4	238.27	32.20	-63.16	3.82	-59.34	-13	-46.34
5	509.53	33.76	-61.63	2.81	-58.82	-13	-45.82
6	609.84	34.04	-60.65	1.78	-58.87	-13	-45.87

#### 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 25: 20 MHz

Mode	TX channel 26365	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	85.13	35.89	-56.02	-1.04	-57.07	-13	-44.07
2	137.21	35.66	-59.70	3.84	-55.86	-13	-42.86
3	289.05	33.92	-61.55	3.78	-57.76	-13	-44.76
4	345.79	33.19	-64.50	3.61	-60.89	-13	-47.89
5	470.57	35.00	-62.18	2.84	-59.34	-13	-46.34
6	737.1	30.14	-66.23	1.02	-65.20	-13	-52.20

#### 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	66.99	31.07	-56.56	-4.91	-61.47	-13	-48.47
2	92.4	34.28	-57.52	-1.00	-58.53	-13	-45.53
3	129.28	27.84	-63.51	-1.23	-64.75	-13	-51.75
4	238.27	32.20	-63.16	3.82	-59.34	-13	-46.34
5	509.53	33.76	-61.63	2.81	-58.82	-13	-45.82
6	609.84	34.04	-60.65	1.78	-58.87	-13	-45.87

#### 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 9400	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	3760	35.72	-68.43	7.68	-60.75	-13	-47.75
2	5640	39.66	-65.08	7.02	-58.06	-13	-45.06
3	7520	45.73	-56.89	4.53	-52.36	-13	-39.36
4	9400	47.63	-54.24	4.21	-50.04	-13	-37.04
5	11280	48.45	-53.04	3.48	-49.56	-13	-36.56
6	13160	47.62	-52.99	4.06	-48.92	-13	-35.92
7	15040	48.21	-49.14	3.70	-45.44	-13	-32.44
8	16920	48.52	-48.83	3.70	-45.13	-13	-32.13

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	3760	35.11	-69.04	7.68	-61.36	-13	-48.36
2	5640	38.45	-66.29	7.02	-59.27	-13	-46.27
3	7520	46.25	-56.37	4.53	-51.84	-13	-38.84
4	9400	47.42	-54.45	4.21	-50.25	-13	-37.25
5	11280	48.88	-52.61	3.48	-49.13	-13	-36.13
6	13160	47.95	-53.07	4.48	-48.59	-13	-35.59
7	15040	49.11	-48.30	3.76	-44.54	-13	-31.54
<b>8</b>	<b>16920</b>	<b>49.54</b>	<b>-47.81</b>	<b>3.70</b>	<b>-44.11</b>	<b>-13</b>	<b>-31.11</b>

Remarks:

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

**LTE Bnad 2: 1.4 MHz**

Mode	TX channel 18900	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	3760	46.06	-58.09	7.68	-50.41	-13	-37.41
2	5640	42.37	-62.37	7.02	-55.35	-13	-42.35
3	7520	36.68	-65.94	4.53	-61.41	-13	-48.41
4	9400	37.97	-63.90	4.21	-59.70	-13	-46.70
5	11280	39.12	-62.37	3.48	-58.89	-13	-45.89
6	13160	42.95	-57.66	4.06	-53.59	-13	-40.59
7	15040	43.50	-53.85	3.70	-50.15	-13	-37.15
8	16920	44.23	-53.12	3.70	-49.42	-13	-36.42

**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	3760	41.89	-62.26	7.68	-54.58	-13	-41.58
2	5640	39.74	-65.00	7.02	-57.98	-13	-44.98
3	7520	37.00	-65.62	4.53	-61.09	-13	-48.09
4	9400	37.15	-64.72	4.21	-60.52	-13	-47.52
5	11280	37.30	-64.19	3.48	-60.71	-13	-47.71
6	13160	39.16	-61.86	4.48	-57.38	-13	-44.38
7	15040	42.85	-54.56	3.76	-50.80	-13	-37.80
8	16920	43.06	-54.29	3.70	-50.59	-13	-37.59

**Remarks:**

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

### LTE Bnad 2: 3 MHz

Mode	TX channel 18900	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	3760	46.01	-58.14	7.68	-50.46	-13	-37.46
2	5640	41.86	-62.88	7.02	-55.86	-13	-42.86
3	7520	35.43	-67.19	4.53	-62.66	-13	-49.66
4	9400	37.87	-64.00	4.21	-59.80	-13	-46.80
5	11280	39.41	-62.08	3.48	-58.60	-13	-45.60
6	13160	41.65	-58.96	4.06	-54.89	-13	-41.89
7	15040	43.70	-53.65	3.70	-49.95	-13	-36.95
8	16920	44.35	-53.00	3.70	-49.30	-13	-36.30

#### 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	3760	41.84	-62.31	7.68	-54.63	-13	-41.63
2	5640	40.42	-64.32	7.02	-57.30	-13	-44.30
3	7520	35.98	-66.64	4.53	-62.11	-13	-49.11
4	9400	37.17	-64.70	4.21	-60.50	-13	-47.50
5	11280	39.02	-62.47	3.48	-58.99	-13	-45.99
6	13160	38.10	-62.92	4.48	-58.44	-13	-45.44
7	15040	42.84	-54.57	3.76	-50.81	-13	-37.81
8	16920	43.36	-53.99	3.70	-50.29	-13	-37.29

#### Remarks:

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

### LTE Bnad 2: 5 MHz

Mode	TX channel 18900	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	3760	46.37	-57.78	7.68	-50.10	-13	-37.10
2	5640	41.86	-62.88	7.02	-55.86	-13	-42.86
3	7520	35.72	-66.90	4.53	-62.37	-13	-49.37
4	9400	38.68	-63.19	4.21	-58.99	-13	-45.99
5	11280	40.29	-61.20	3.48	-57.72	-13	-44.72
6	13160	42.59	-58.02	4.06	-53.95	-13	-40.95
7	15040	42.25	-55.10	3.70	-51.40	-13	-38.40
8	16920	43.73	-53.62	3.70	-49.92	-13	-36.92

#### 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	3760	42.13	-62.02	7.68	-54.34	-13	-41.34
2	5640	40.35	-64.39	7.02	-57.37	-13	-44.37
3	7520	35.85	-66.77	4.53	-62.24	-13	-49.24
4	9400	38.94	-62.93	4.21	-58.73	-13	-45.73
5	11280	37.75	-63.74	3.48	-60.26	-13	-47.26
6	13160	39.49	-61.53	4.48	-57.05	-13	-44.05
7	15040	42.07	-55.34	3.76	-51.58	-13	-38.58
8	16920	42.55	-54.80	3.70	-51.10	-13	-38.10

#### Remarks:

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



**LTE Bnad 2: 10 MHz**

Mode	TX channel 18900	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	3760	45.74	-58.41	7.68	-50.73	-13	-37.73
2	5640	42.94	-61.80	7.02	-54.78	-13	-41.78
3	7520	35.30	-67.32	4.53	-62.79	-13	-49.79
4	9400	39.05	-62.82	4.21	-58.62	-13	-45.62
5	11280	39.42	-62.07	3.48	-58.59	-13	-45.59
6	13160	41.69	-58.92	4.06	-54.85	-13	-41.85
7	15040	42.80	-54.55	3.70	-50.85	-13	-37.85
8	16920	44.54	-52.81	3.70	-49.11	-13	-36.11

**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	3760	41.34	-62.81	7.68	-55.13	-13	-42.13
2	5640	39.72	-65.02	7.02	-58.00	-13	-45.00
3	7520	36.76	-65.86	4.53	-61.33	-13	-48.33
4	9400	37.84	-64.03	4.21	-59.83	-13	-46.83
5	11280	38.76	-62.73	3.48	-59.25	-13	-46.25
6	13160	38.48	-62.54	4.48	-58.06	-13	-45.06
7	15040	41.28	-56.13	3.76	-52.37	-13	-39.37
8	16920	44.09	-53.26	3.70	-49.56	-13	-36.56

**Remarks:**

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

**LTE Bnad 2: 15 MHz**

Mode	TX channel 18900	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	3760	47.15	-57.00	7.68	-49.32	-13	-36.32
2	5640	41.92	-62.82	7.02	-55.80	-13	-42.80
3	7520	36.00	-66.62	4.53	-62.09	-13	-49.09
4	9400	37.55	-64.32	4.21	-60.12	-13	-47.12
5	11280	40.22	-61.27	3.48	-57.79	-13	-44.79
6	13160	41.30	-59.31	4.06	-55.24	-13	-42.24
7	15040	42.96	-54.39	3.70	-50.69	-13	-37.69
8	16920	45.38	-51.97	3.70	-48.27	-13	-35.27

**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	3760	42.02	-62.13	7.68	-54.45	-13	-41.45
2	5640	41.43	-63.31	7.02	-56.29	-13	-43.29
3	7520	35.48	-67.14	4.53	-62.61	-13	-49.61
4	9400	38.39	-63.48	4.21	-59.28	-13	-46.28
5	11280	38.96	-62.53	3.48	-59.05	-13	-46.05
6	13160	38.16	-62.86	4.48	-58.38	-13	-45.38
7	15040	41.77	-55.64	3.76	-51.88	-13	-38.88
8	16920	43.79	-53.56	3.70	-49.86	-13	-36.86

**Remarks:**

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

**LTE Bnad 2: 20 MHz**

Mode	TX channel 18900	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	3760	47.18	-56.97	7.68	-49.29	-13	-36.29
2	5640	42.11	-62.63	7.02	-55.61	-13	-42.61
3	7520	36.55	-66.07	4.53	-61.54	-13	-48.54
4	9400	38.35	-63.52	4.21	-59.32	-13	-46.32
5	11280	39.78	-61.71	3.48	-58.23	-13	-45.23
6	13160	43.05	-57.56	4.06	-53.49	-13	-40.49
7	15040	43.92	-53.43	3.70	-49.73	-13	-36.73
8	16920	44.25	-53.10	3.70	-49.40	-13	-36.40

**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	3760	40.59	-63.56	7.68	-55.88	-13	-42.88
2	5640	40.28	-64.46	7.02	-57.44	-13	-44.44
3	7520	37.08	-65.54	4.53	-61.01	-13	-48.01
4	9400	38.73	-63.14	4.21	-58.94	-13	-45.94
5	11280	38.72	-62.77	3.48	-59.29	-13	-46.29
6	13160	39.20	-61.82	4.48	-57.34	-13	-44.34
7	15040	41.83	-55.58	3.76	-51.82	-13	-38.82
8	16920	42.86	-54.49	3.70	-50.79	-13	-37.79

**Remarks:**

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

**LTE Bnad 25: 1.4 MHz**

Mode	TX channel 26365	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	3765	47.17	-56.98	7.68	-49.30	-13	-36.30
2	5647.5	43.18	-61.56	7.02	-54.54	-13	-41.54
3	7530	36.53	-66.09	4.53	-61.56	-13	-48.56
4	9412.5	37.40	-64.47	4.21	-60.27	-13	-47.27
5	11295	40.37	-61.12	3.48	-57.64	-13	-44.64
6	13177.5	42.14	-58.47	4.06	-54.40	-13	-41.40
7	15060	43.50	-53.85	3.70	-50.15	-13	-37.15
8	16942.5	44.25	-53.10	3.70	-49.40	-13	-36.40

**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	3765	40.38	-63.77	7.68	-56.09	-13	-43.09
2	5647.5	40.49	-64.25	7.02	-57.23	-13	-44.23
3	7530	36.08	-66.53	4.52	-62.01	-13	-49.01
4	9412.5	38.63	-63.24	4.21	-59.04	-13	-46.04
5	11295	38.28	-63.23	3.50	-59.73	-13	-46.73
6	13177.5	39.18	-61.85	4.48	-57.36	-13	-44.36
7	15060	42.99	-54.45	3.79	-50.66	-13	-37.66
8	16942.5	42.88	-54.47	3.70	-50.77	-13	-37.77

**Remarks:**

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

**LTE Bnad 25: 3 MHz**

Mode	TX channel 26365	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	3765	46.51	-57.64	7.68	-49.96	-13	-36.96
2	5647.5	41.80	-62.94	7.02	-55.92	-13	-42.92
3	7530	36.73	-65.89	4.53	-61.36	-13	-48.36
4	9412.5	38.12	-63.75	4.21	-59.55	-13	-46.55
5	11295	38.63	-62.86	3.48	-59.38	-13	-46.38
6	13177.5	42.44	-58.17	4.06	-54.10	-13	-41.10
7	15060	42.79	-54.56	3.70	-50.86	-13	-37.86
8	16942.5	43.59	-53.76	3.70	-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	3765	40.97	-63.18	7.68	-55.50	-13	-42.50
2	5647.5	41.04	-63.70	7.02	-56.68	-13	-43.68
3	7530	35.80	-66.81	4.52	-62.29	-13	-49.29
4	9412.5	39.11	-62.76	4.21	-58.56	-13	-45.56
5	11295	38.11	-63.40	3.50	-59.90	-13	-46.90
6	13177.5	39.03	-62.00	4.48	-57.51	-13	-44.51
7	15060	41.93	-55.51	3.79	-51.72	-13	-38.72
8	16942.5	43.97	-53.38	3.70	-49.68	-13	-36.68

**Remarks:**

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

**LTE Bnad 25: 5 MHz**

Mode	TX channel 26365	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	3765	46.10	-58.05	7.68	-50.37	-13	-37.37
2	5647.5	41.47	-63.27	7.02	-56.25	-13	-43.25
3	7530	37.26	-65.36	4.53	-60.83	-13	-47.83
4	9412.5	38.36	-63.51	4.21	-59.31	-13	-46.31
5	11295	40.08	-61.41	3.48	-57.93	-13	-44.93
6	13177.5	41.77	-58.84	4.06	-54.77	-13	-41.77
7	15060	43.74	-53.61	3.70	-49.91	-13	-36.91
8	16942.5	44.94	-52.41	3.70	-48.71	-13	-35.71

**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	3765	41.96	-62.19	7.68	-54.51	-13	-41.51
2	5647.5	39.83	-64.91	7.02	-57.89	-13	-44.89
3	7530	37.04	-65.57	4.52	-61.05	-13	-48.05
4	9412.5	38.60	-63.27	4.21	-59.07	-13	-46.07
5	11295	37.57	-63.94	3.50	-60.44	-13	-47.44
6	13177.5	39.30	-61.73	4.48	-57.24	-13	-44.24
7	15060	41.23	-56.21	3.79	-52.42	-13	-39.42
8	16942.5	42.48	-54.87	3.70	-51.17	-13	-38.17

**Remarks:**

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

**LTE Bnad 25: 10 MHz**

Mode	TX channel 26365	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	3765	46.66	-57.49	7.68	-49.81	-13	-36.81
2	5647.5	43.35	-61.39	7.02	-54.37	-13	-41.37
3	7530	35.83	-66.79	4.53	-62.26	-13	-49.26
4	9412.5	38.29	-63.58	4.21	-59.38	-13	-46.38
5	11295	40.36	-61.13	3.48	-57.65	-13	-44.65
6	13177.5	42.64	-57.97	4.06	-53.90	-13	-40.90
7	15060	42.12	-55.23	3.70	-51.53	-13	-38.53
8	16942.5	44.02	-53.33	3.70	-49.63	-13	-36.63

**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	3765	40.68	-63.47	7.68	-55.79	-13	-42.79
2	5647.5	39.73	-65.01	7.02	-57.99	-13	-44.99
3	7530	36.49	-66.12	4.52	-61.60	-13	-48.60
4	9412.5	38.29	-63.58	4.21	-59.38	-13	-46.38
5	11295	38.58	-62.93	3.50	-59.43	-13	-46.43
6	13177.5	38.46	-62.57	4.48	-58.08	-13	-45.08
7	15060	41.89	-55.55	3.79	-51.76	-13	-38.76
8	16942.5	43.82	-53.53	3.70	-49.83	-13	-36.83

**Remarks:**

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

**LTE Bnad 25: 15 MHz**

Mode	TX channel 26365	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	3765	46.53	-57.62	7.68	-49.94	-13	-36.94
2	5647.5	42.46	-62.28	7.02	-55.26	-13	-42.26
3	7530	36.35	-66.27	4.53	-61.74	-13	-48.74
4	9412.5	38.05	-63.82	4.21	-59.62	-13	-46.62
5	11295	39.37	-62.12	3.48	-58.64	-13	-45.64
6	13177.5	42.23	-58.38	4.06	-54.31	-13	-41.31
7	15060	42.01	-55.34	3.70	-51.64	-13	-38.64
8	16942.5	44.30	-53.05	3.70	-49.35	-13	-36.35

**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	3765	41.36	-62.79	7.68	-55.11	-13	-42.11
2	5647.5	40.70	-64.04	7.02	-57.02	-13	-44.02
3	7530	35.53	-67.08	4.52	-62.56	-13	-49.56
4	9412.5	37.51	-64.36	4.21	-60.16	-13	-47.16
5	11295	38.06	-63.45	3.50	-59.95	-13	-46.95
6	13177.5	38.14	-62.89	4.48	-58.40	-13	-45.40
7	15060	42.08	-55.36	3.79	-51.57	-13	-38.57
8	16942.5	42.92	-54.43	3.70	-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 Bnad 25: 20 MHz**

Mode	TX channel 26365	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	3765	46.19	-57.96	7.68	-50.28	-13	-37.28
2	5647.5	42.74	-62.00	7.02	-54.98	-13	-41.98
3	7530	35.92	-66.70	4.53	-62.17	-13	-49.17
4	9412.5	38.16	-63.71	4.21	-59.51	-13	-46.51
5	11295	38.79	-62.70	3.48	-59.22	-13	-46.22
6	13177.5	41.89	-58.72	4.06	-54.65	-13	-41.65
7	15060	43.89	-53.46	3.70	-49.76	-13	-36.76
8	16942.5	43.95	-53.40	3.70	-49.70	-13	-36.70

**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	3765	41.86	-62.29	7.68	-54.61	-13	-41.61
2	5647.5	40.31	-64.43	7.02	-57.41	-13	-44.41
3	7530	36.04	-66.57	4.52	-62.05	-13	-49.05
4	9412.5	38.57	-63.30	4.21	-59.10	-13	-46.10
5	11295	38.07	-63.44	3.50	-59.94	-13	-46.94
6	13177.5	37.80	-63.23	4.48	-58.74	-13	-45.74
7	15060	41.30	-56.14	3.79	-52.35	-13	-39.35
8	16942.5	44.00	-53.35	3.70	-49.65	-13	-36.65

**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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