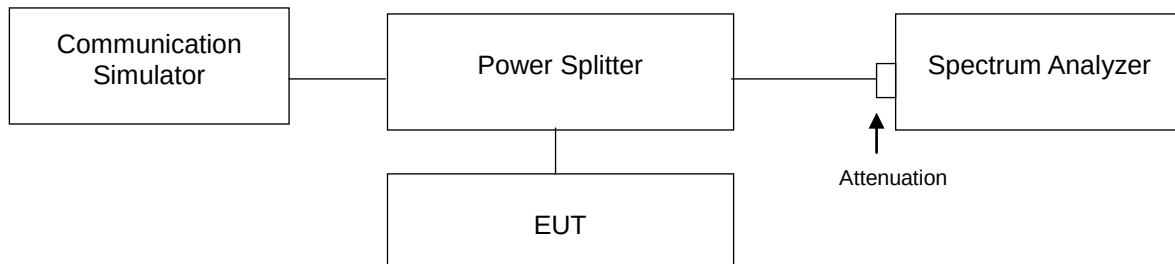


4.6 Conducted Spurious Emissions

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 -13dBm .

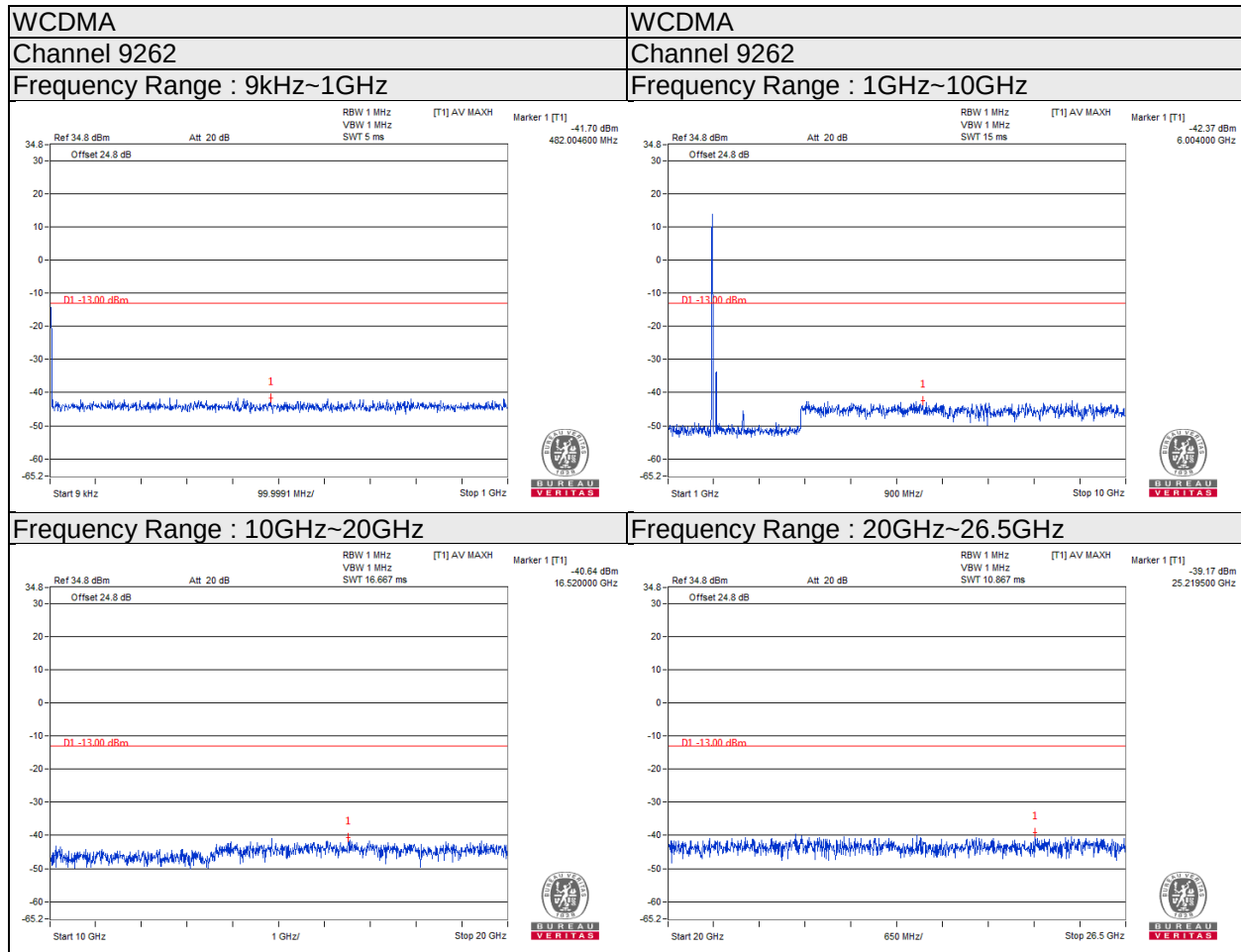
4.6.2 Test Setup



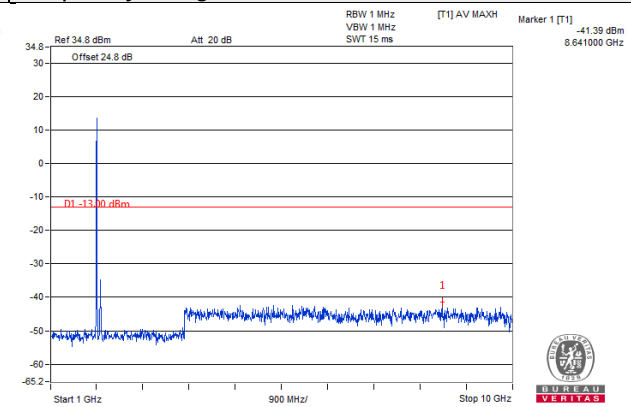
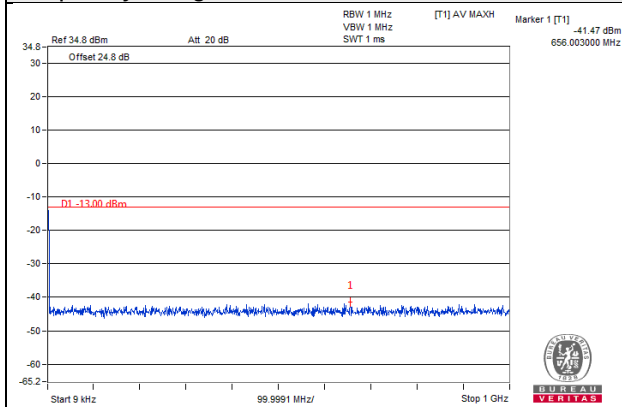
4.6.3 Test Procedure

- All measurements were done at middle operational frequency range.
- When the spectrum scanned from 9 kHz to suitable frequency, it shall be connected to the 20dB pad attenuated the carried frequency.
- RBW=1MHz and VBW=1MHz is used for conducted emission measurement.

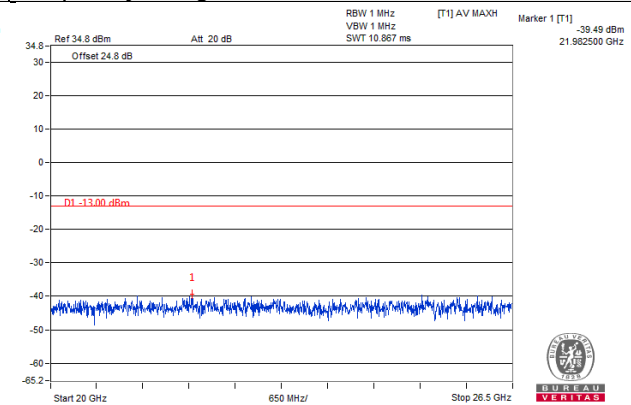
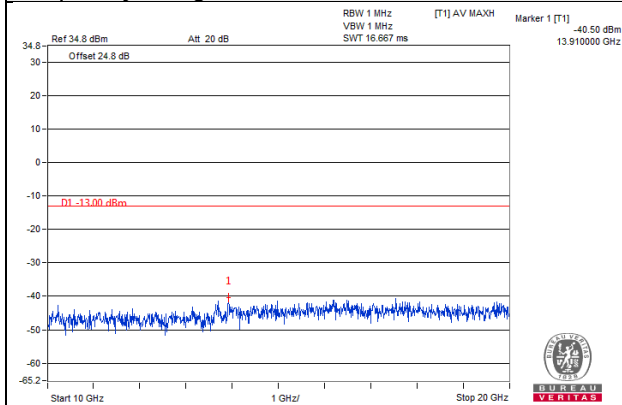
4.6.4 Test Results



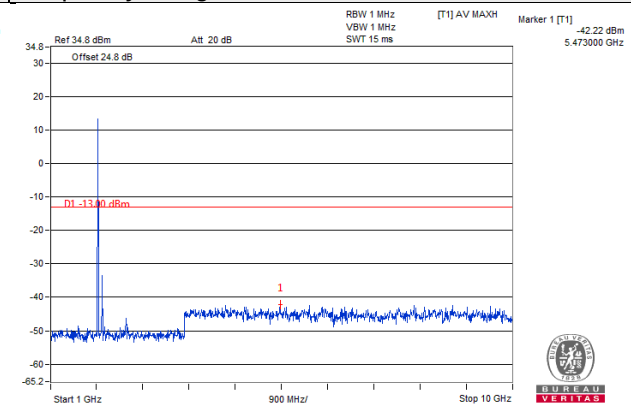
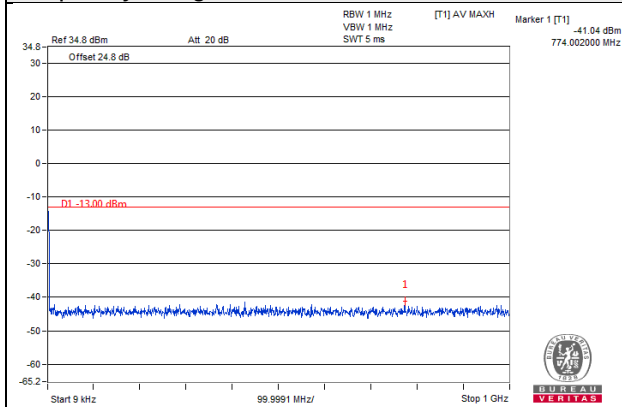
WCDMA	WCDMA
Channel 9262	Channel 9262
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz



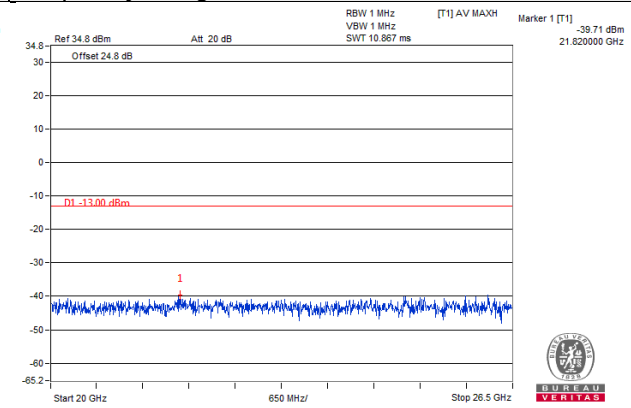
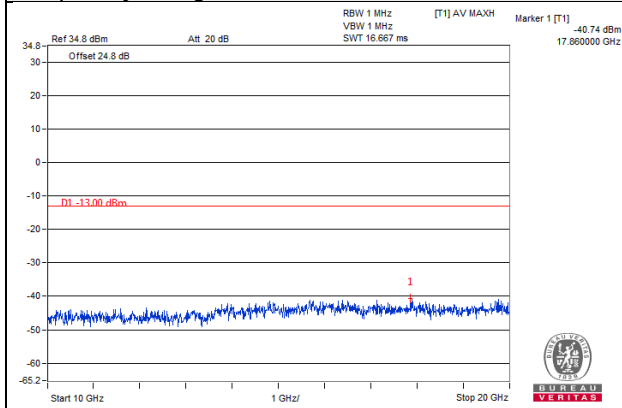
Frequency Range : 10GHz~20GHz	Frequency Range : 20GHz~26.5GHz
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WCDMA	WCDMA
Channel 9538	Channel 9538
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~20GHz	Frequency Range : 20GHz~26.5GHz
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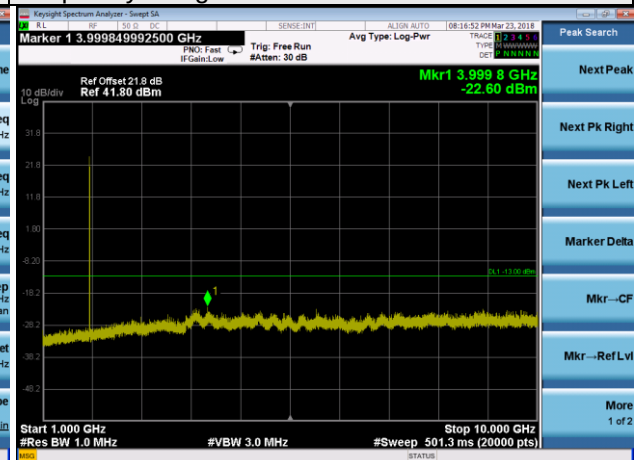
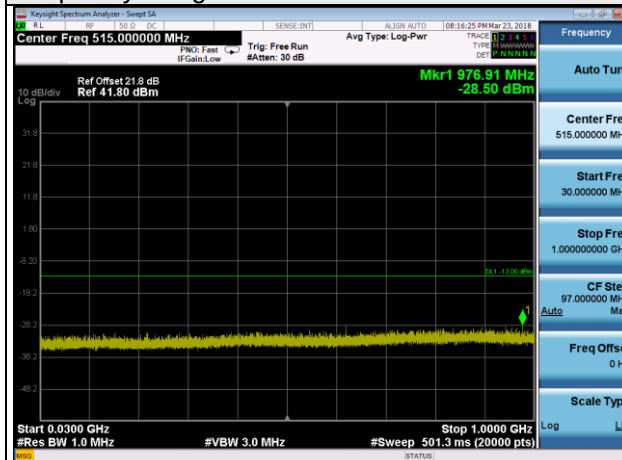


LTE Band 2 Channel Band width: 1.4MHz

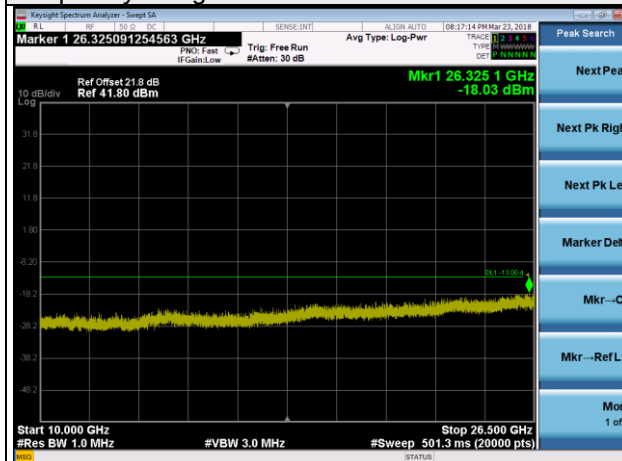
Channel 18607

Frequency Range : 30MHz~1GHz

Frequency Range : 1GHz ~10GHz



Frequency Range : 10GHz~26.5GHz

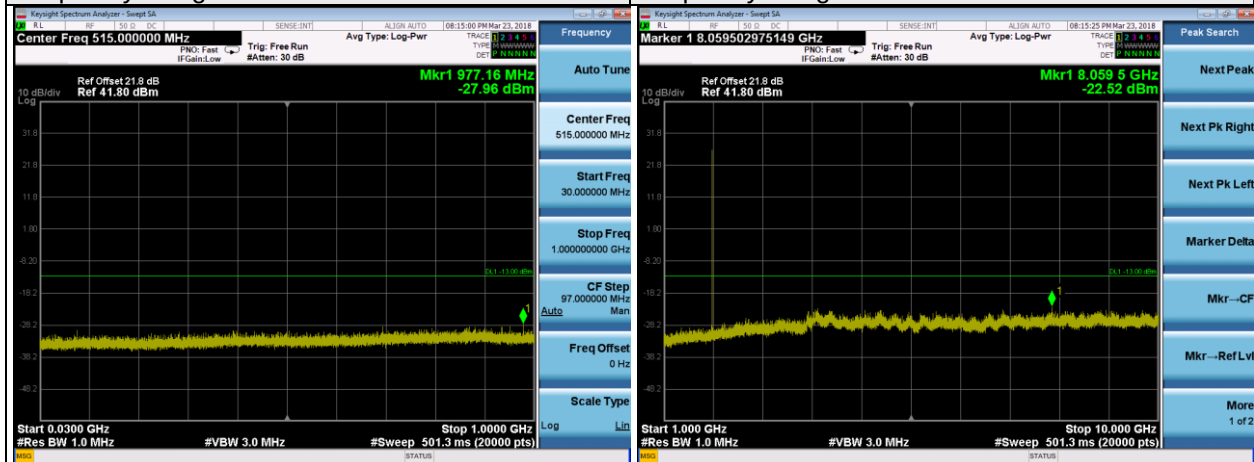


LTE Band 2 Channel Band width: 1.4MHz

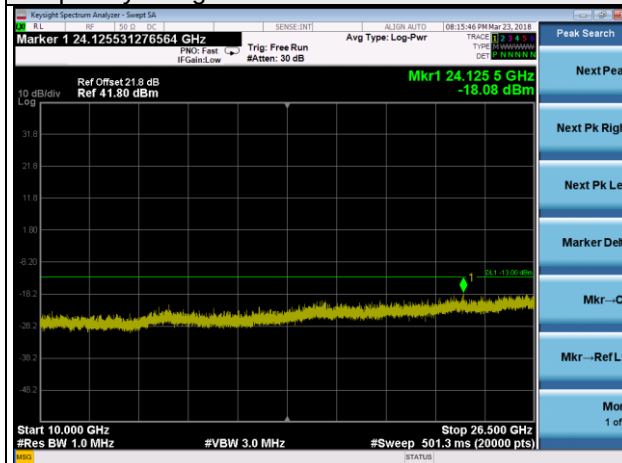
Channel 18900

Frequency Range : 30MHz~1GHz

Frequency Range : 1GHz ~10GHz



Frequency Range : 10GHz~26.5GHz

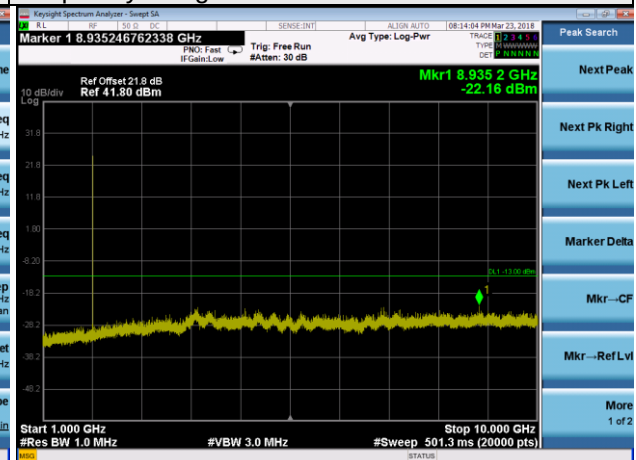
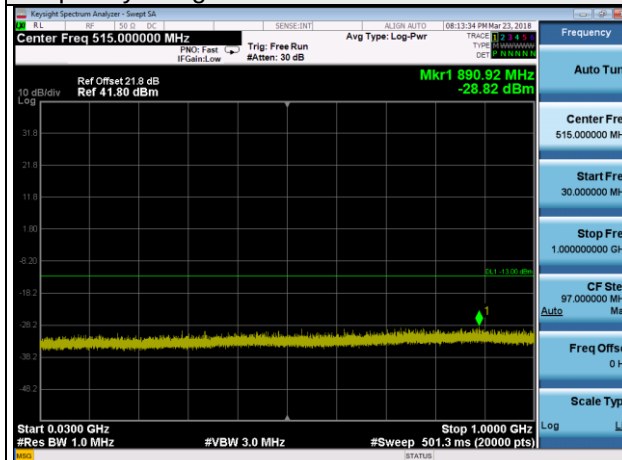


LTE Band 2 Channel Band width: 1.4MHz

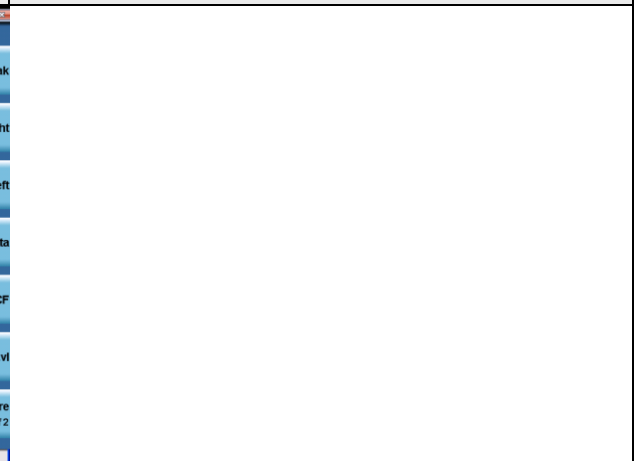
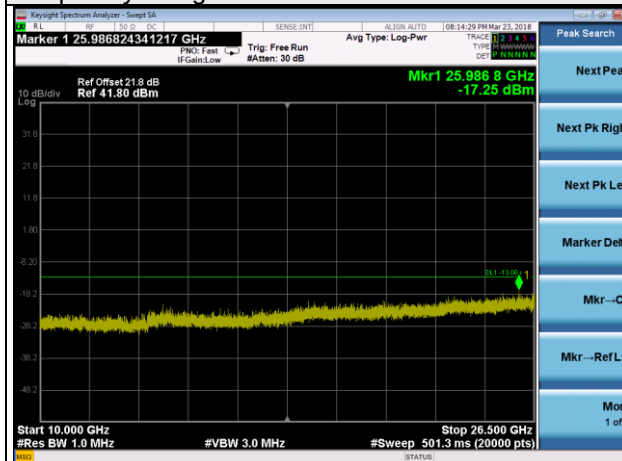
Channel 19193

Frequency Range : 30MHz~1GHz

Frequency Range : 1GHz ~10GHz



Frequency Range : 10GHz~26.5GHz

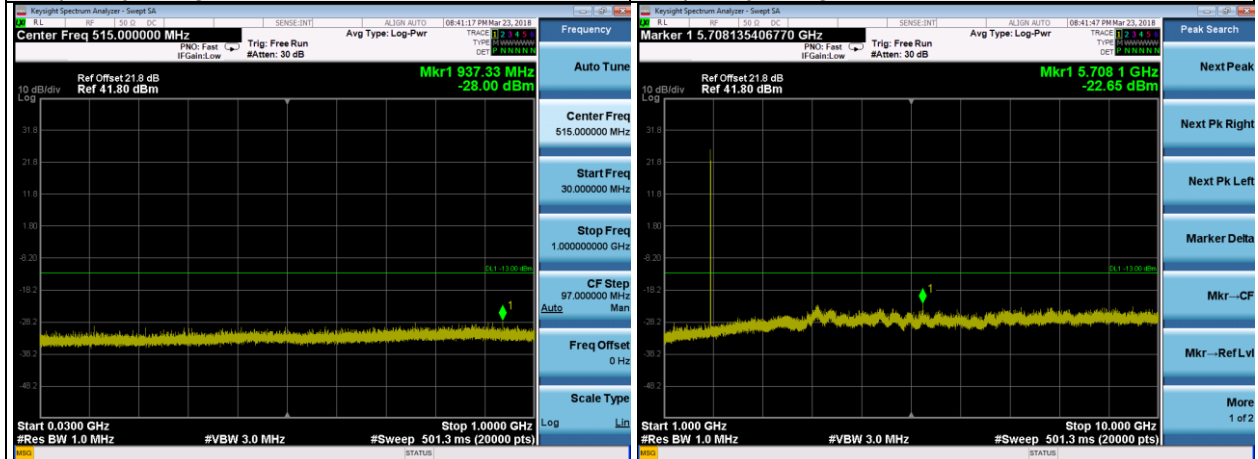


LTE Band 2 Channel Band width: 3MHz

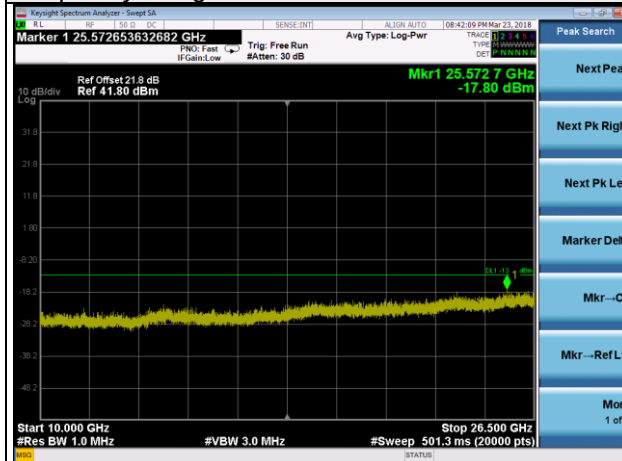
Channel 18615

Frequency Range : 30MHz~1GHz

Frequency Range : 1GHz ~10GHz



Frequency Range : 10GHz~26.5GHz

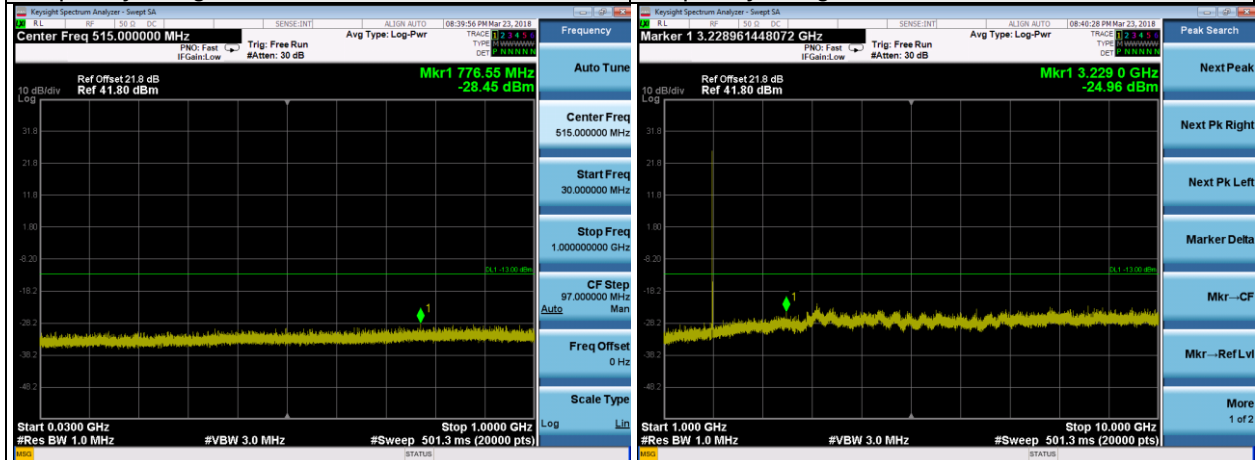


LTE Band 2 Channel Band width: 3MHz

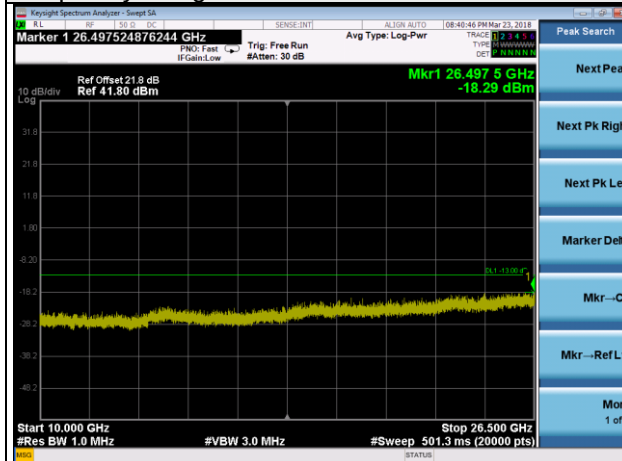
Channel 18900

Frequency Range : 30MHz~1GHz

Frequency Range : 1GHz ~10GHz



Frequency Range : 10GHz~26.5GHz

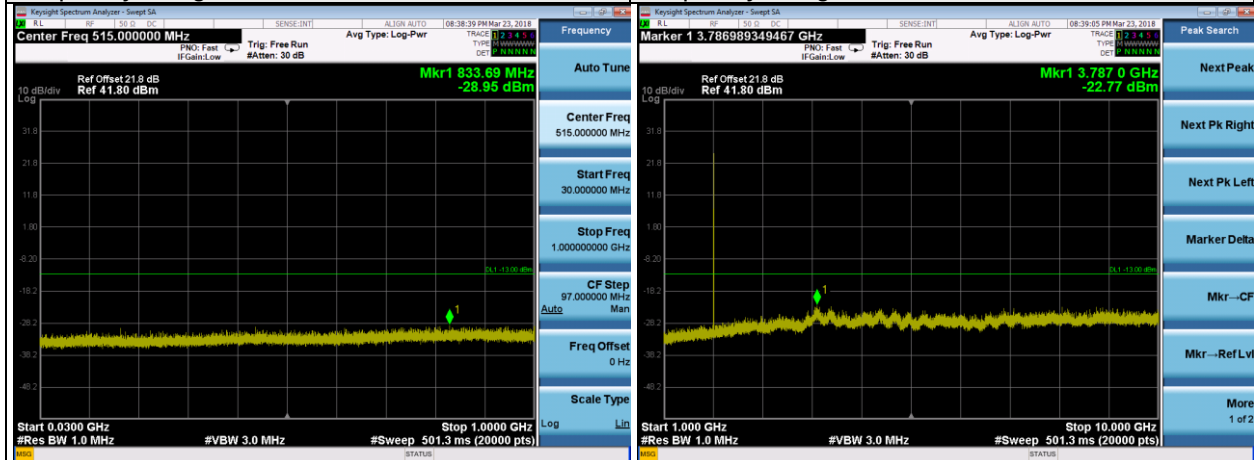


LTE Band 2 Channel Band width: 3MHz

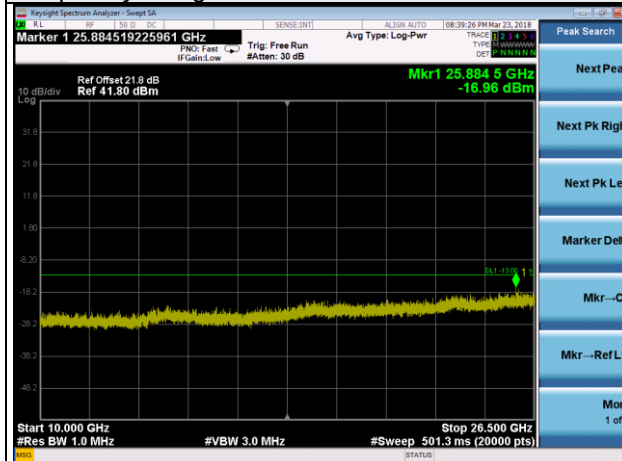
Channel 19185

Frequency Range : 30MHz~1GHz

Frequency Range : 1GHz ~10GHz



Frequency Range : 10GHz~26.5GHz

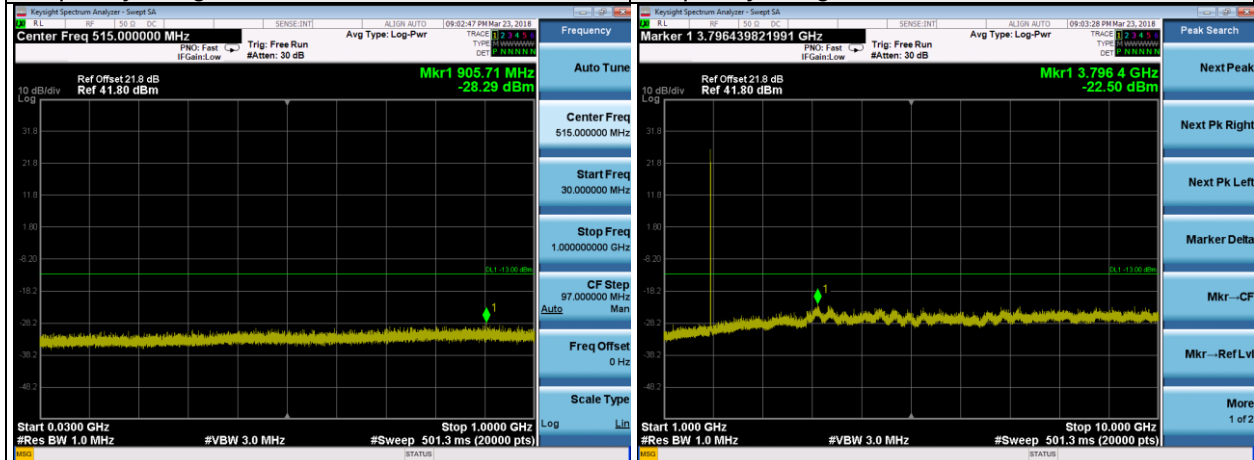


LTE Band 2 Channel Band width: 5MHz

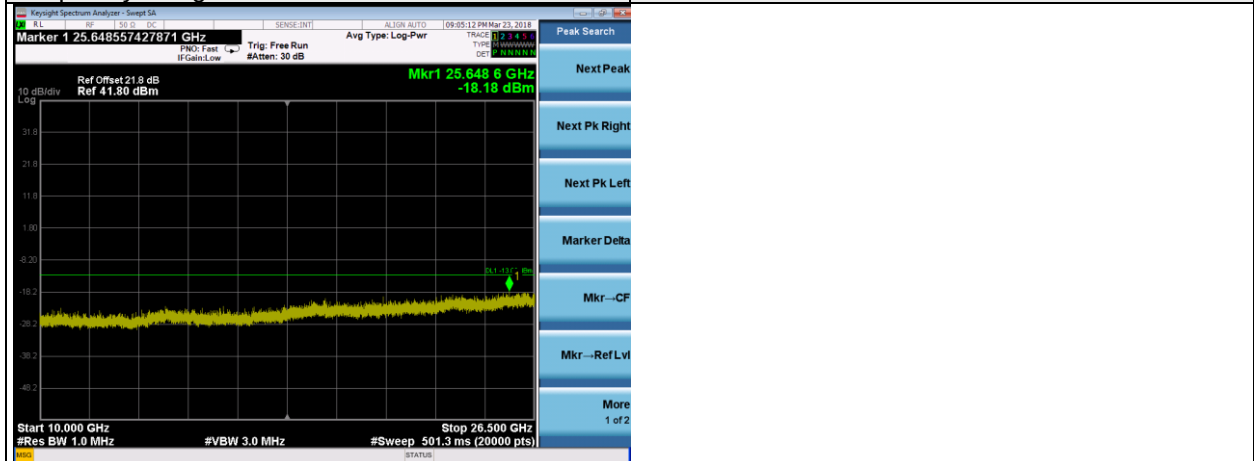
Channel 18625

Frequency Range : 30MHz~1GHz

Frequency Range : 1GHz ~10GHz



Frequency Range : 10GHz~26.5GHz

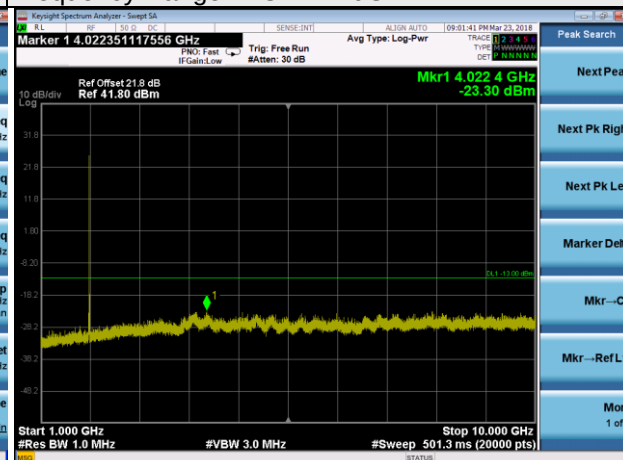
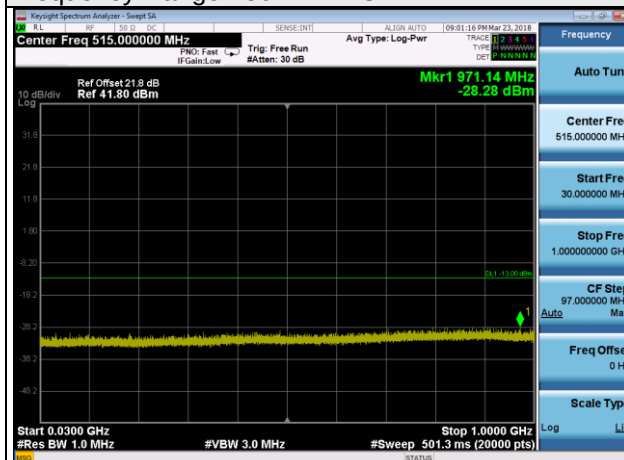


LTE Band 2 Channel Band width: 5MHz

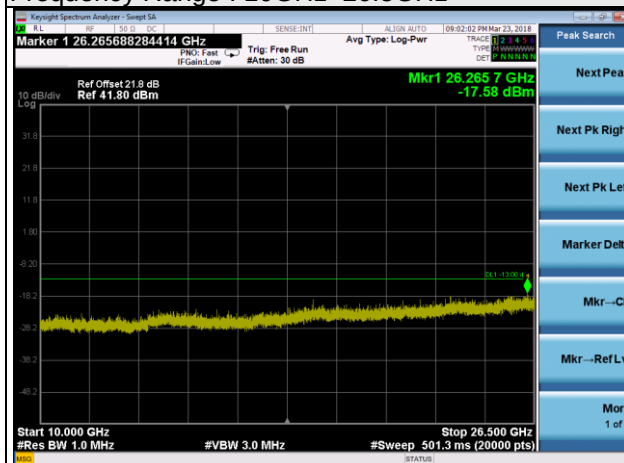
Channel 18900

Frequency Range : 30MHz~1GHz

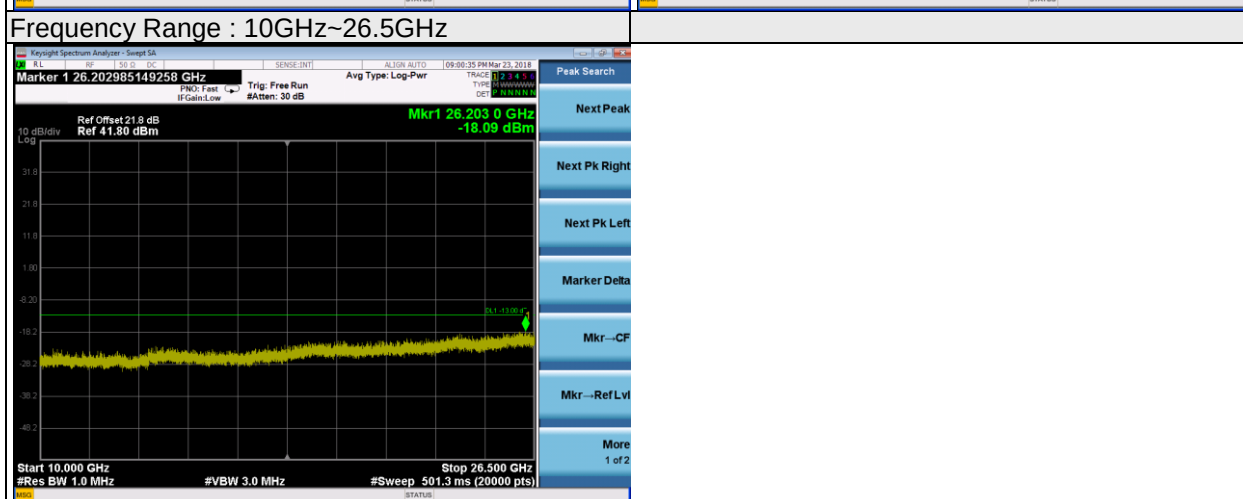
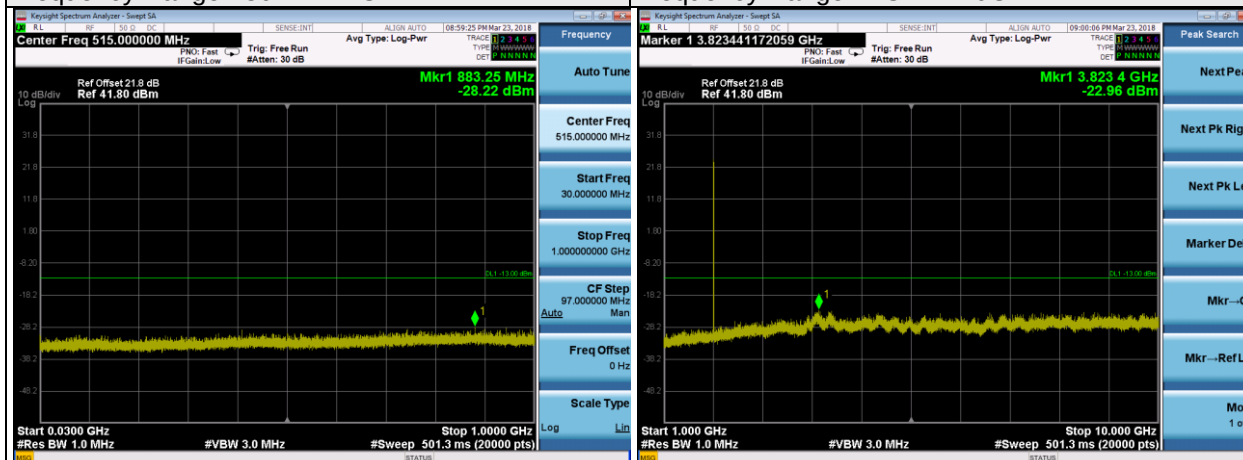
Frequency Range : 1GHz ~10GHz



Frequency Range : 10GHz~26.5GHz



LTE Band 2 Channel Band width: 5MHz
Channel 19175
Frequency Range : 30MHz~1GHz

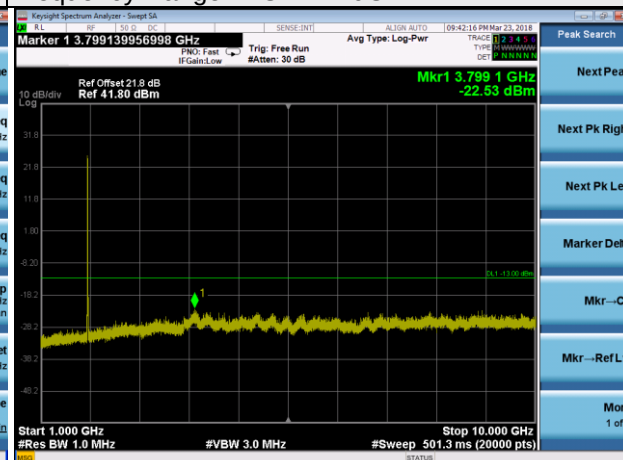
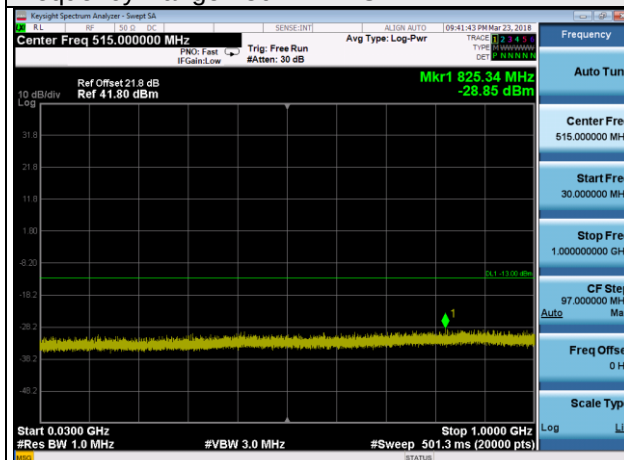


LTE Band 2 Channel Band width: 10MHz

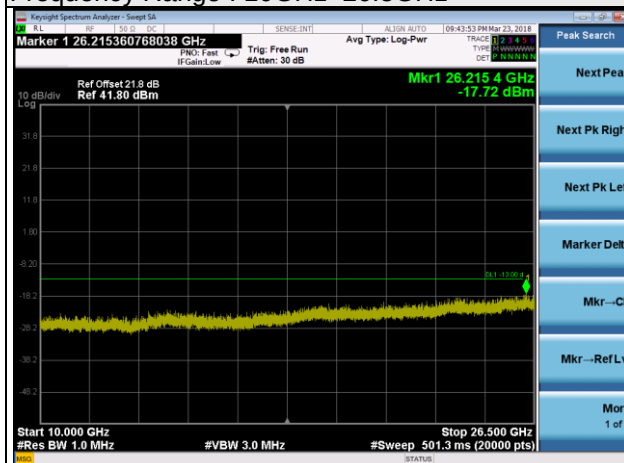
Channel 18650

Frequency Range : 30MHz~1GHz

Frequency Range : 1GHz ~10GHz



Frequency Range : 10GHz~26.5GHz

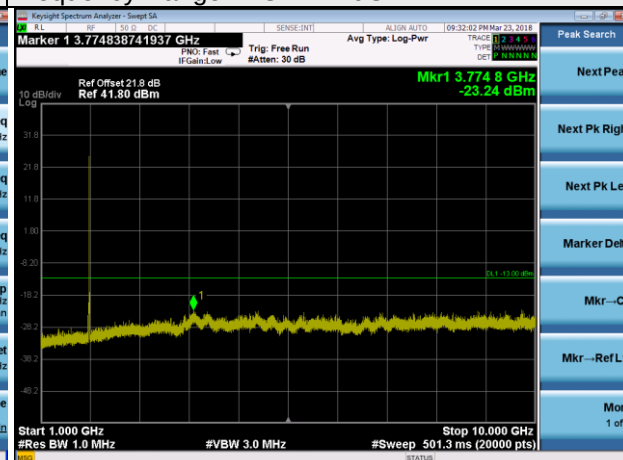
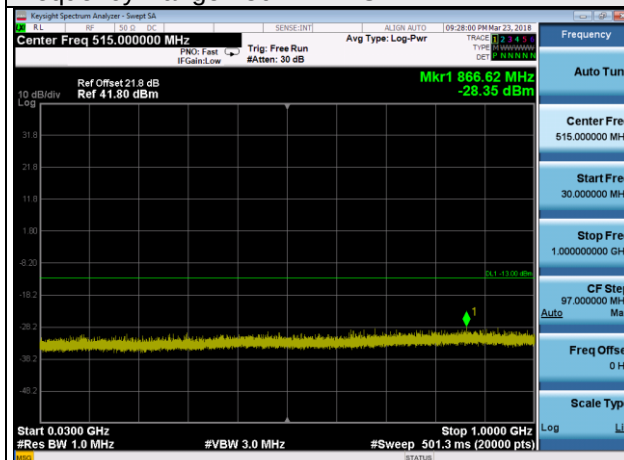


LTE Band 2 Channel Band width: 10MHz

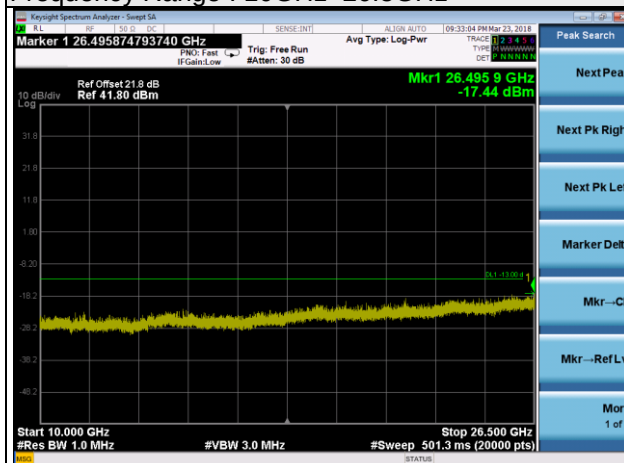
Channel 18900

Frequency Range : 30MHz~1GHz

Frequency Range : 1GHz ~10GHz



Frequency Range : 10GHz~26.5GHz

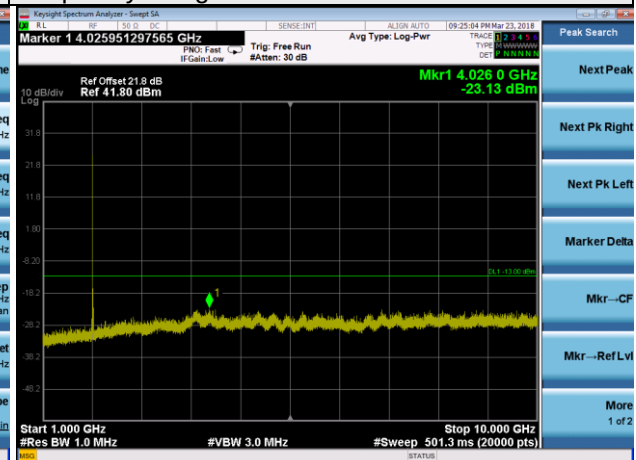
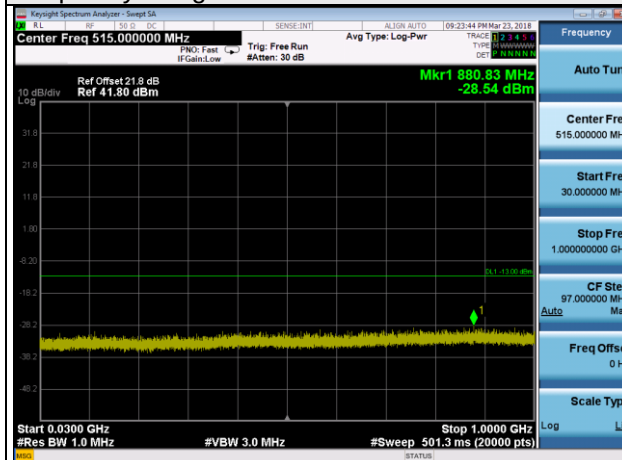


LTE Band 2 Channel Band width: 10MHz

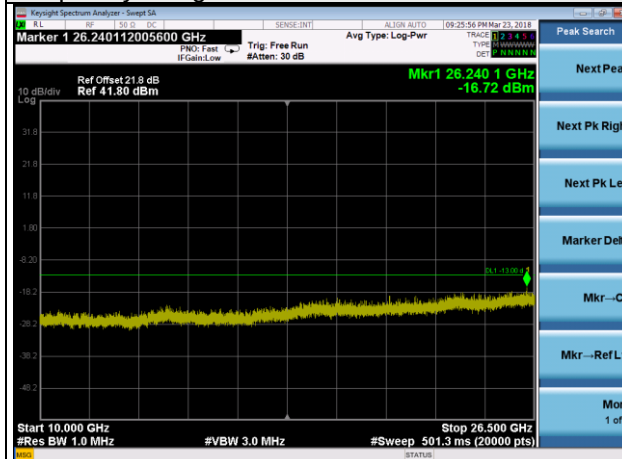
Channel 19150

Frequency Range : 30MHz~1GHz

Frequency Range : 1GHz ~10GHz



Frequency Range : 10GHz~26.5GHz

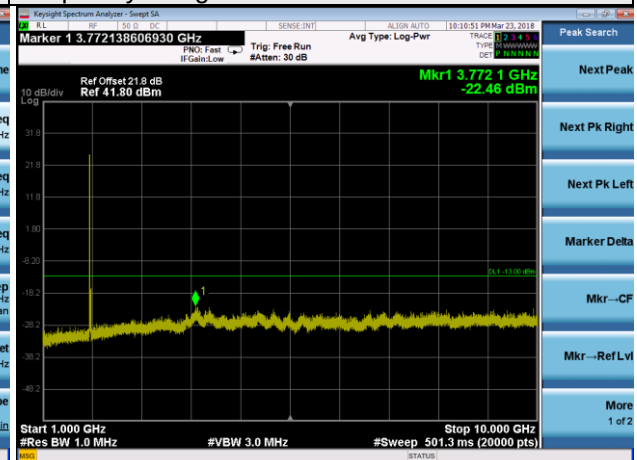
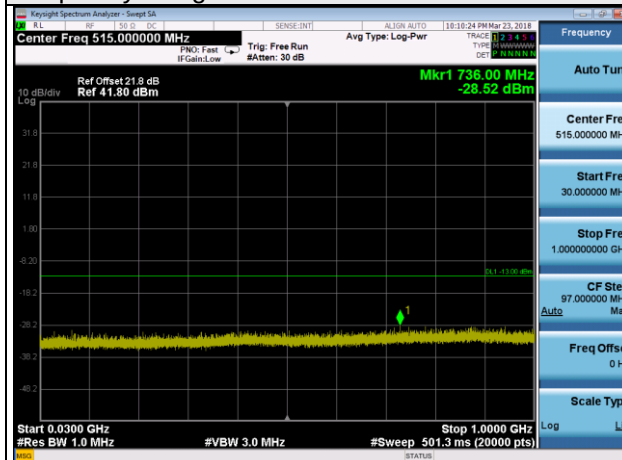


LTE Band 2 Channel Band width: 15MHz

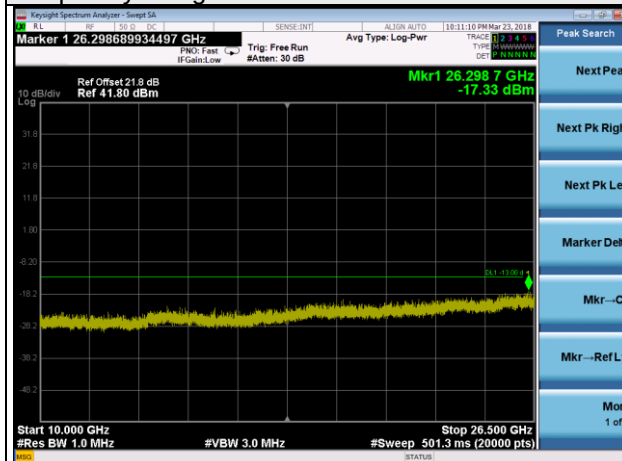
Channel 18675

Frequency Range : 30MHz~1GHz

Frequency Range : 1GHz ~10GHz



Frequency Range : 10GHz~26.5GHz

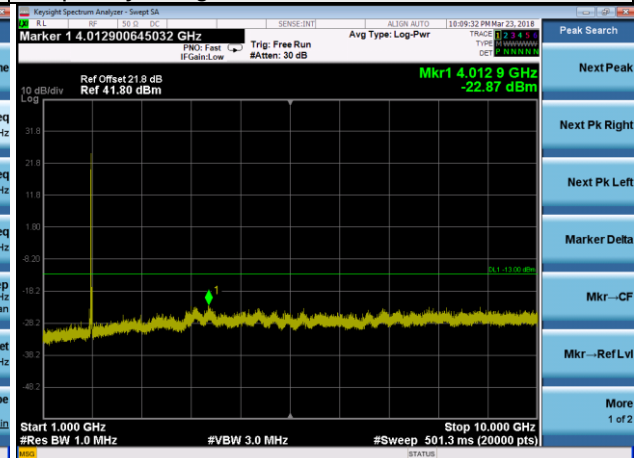
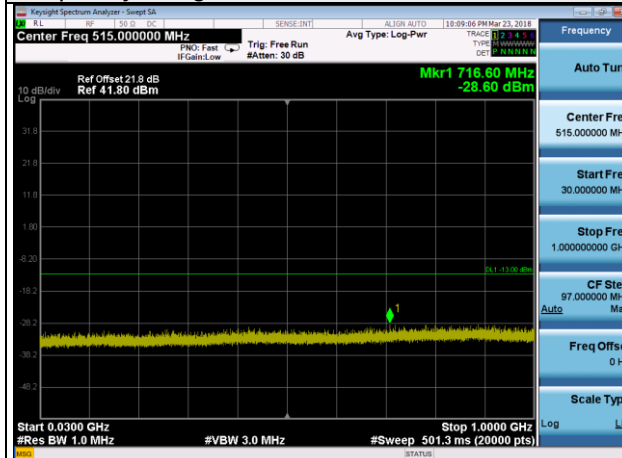


LTE Band 2 Channel Band width: 15MHz

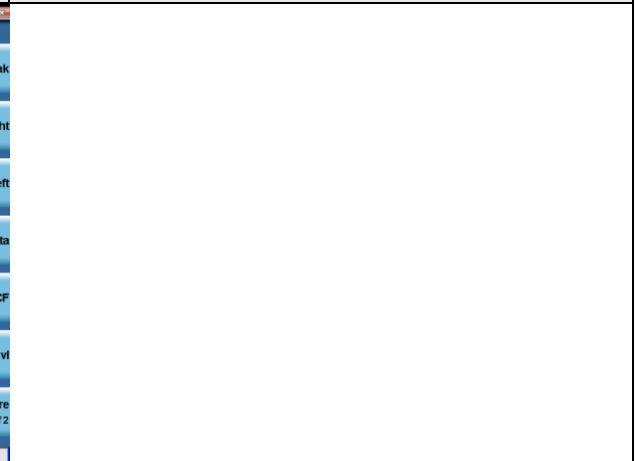
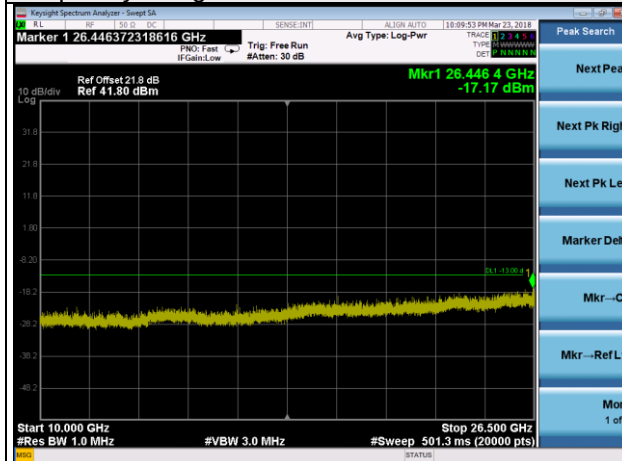
Channel 18900

Frequency Range : 30MHz~1GHz

Frequency Range : 1GHz ~10GHz



Frequency Range : 10GHz~26.5GHz

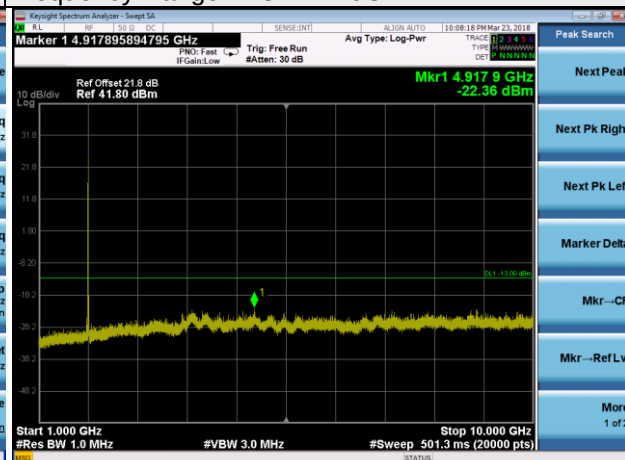
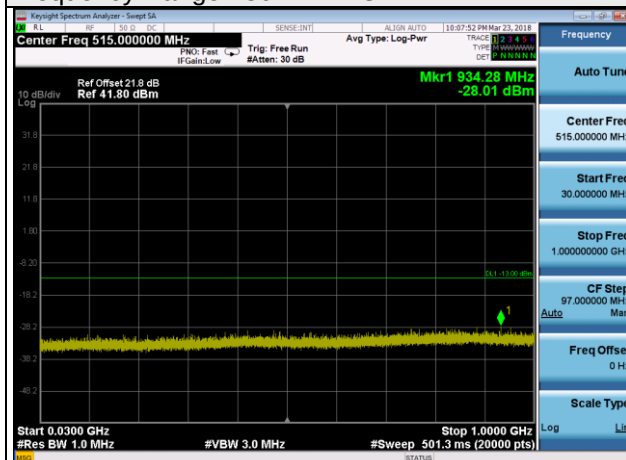


LTE Band 2 Channel Band width: 15MHz

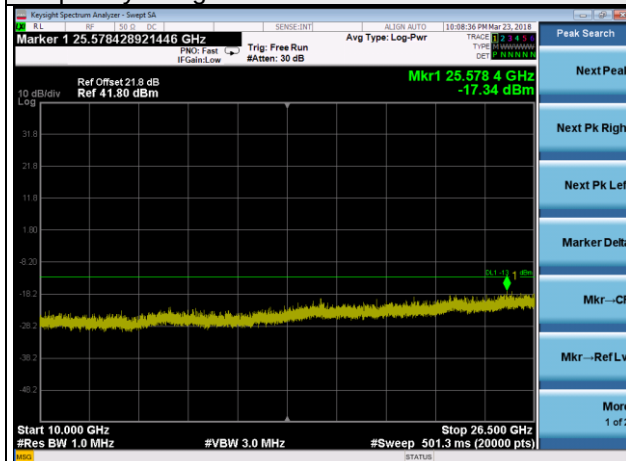
Channel 19125

Frequency Range : 30MHz~1GHz

Frequency Range : 1GHz ~10GHz



Frequency Range : 10GHz~26.5GHz

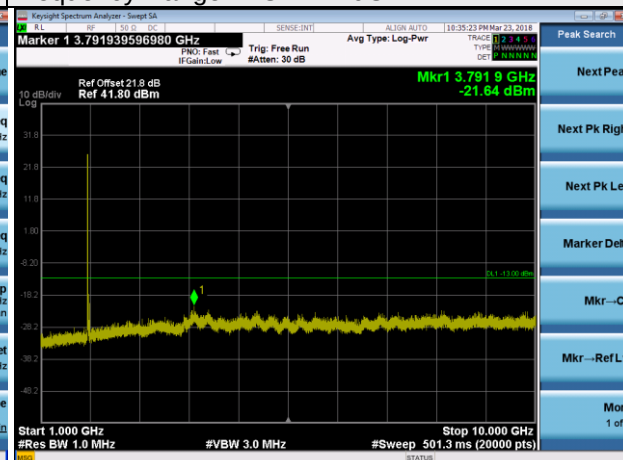
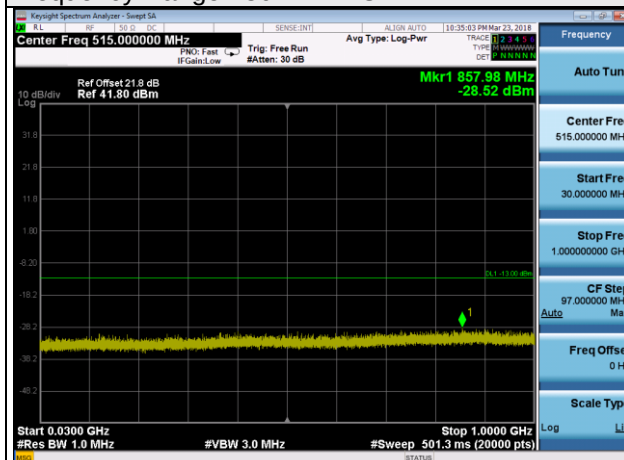


LTE Band 2 Channel Band width: 20MHz

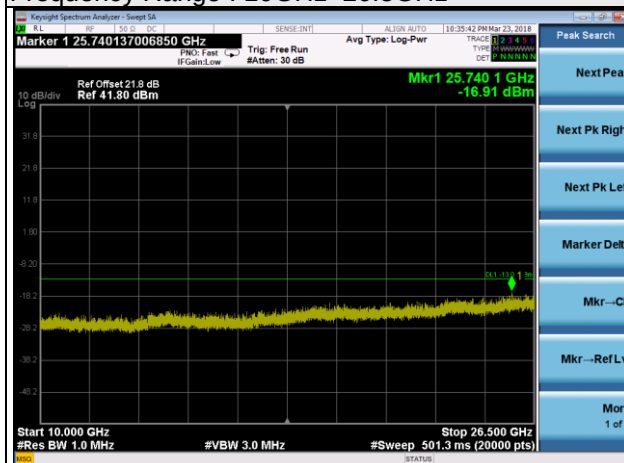
Channel 18700

Frequency Range : 30MHz~1GHz

Frequency Range : 1GHz ~10GHz



Frequency Range : 10GHz~26.5GHz

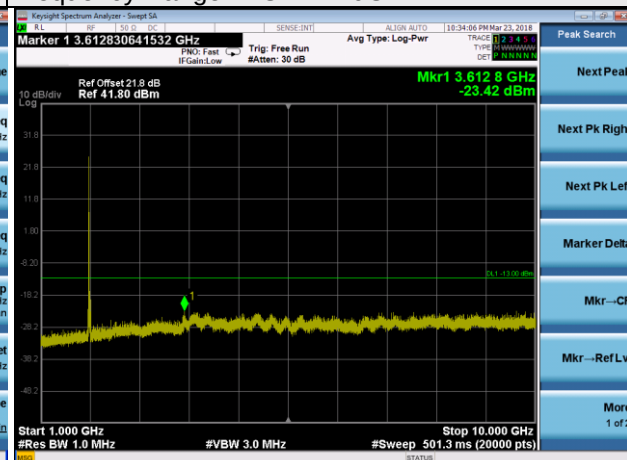
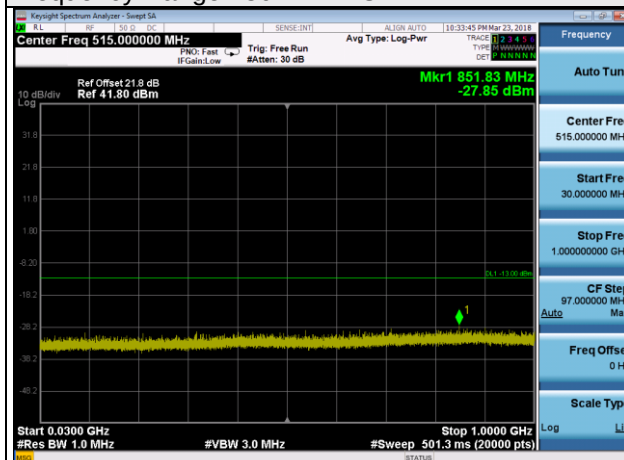


LTE Band 2 Channel Band width: 20MHz

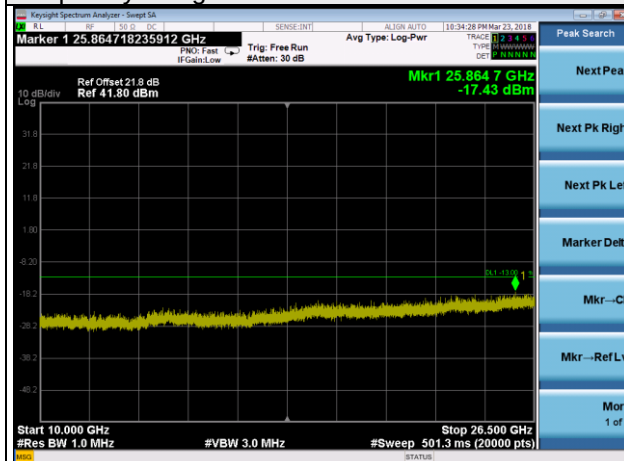
Channel 18900

Frequency Range : 30MHz~1GHz

Frequency Range : 1GHz ~10GHz



Frequency Range : 10GHz~26.5GHz

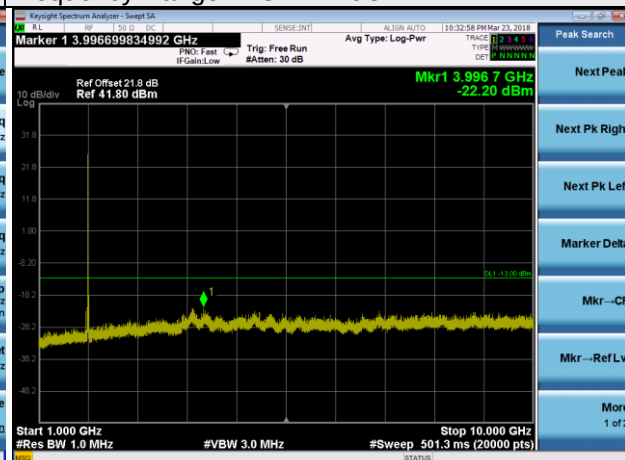
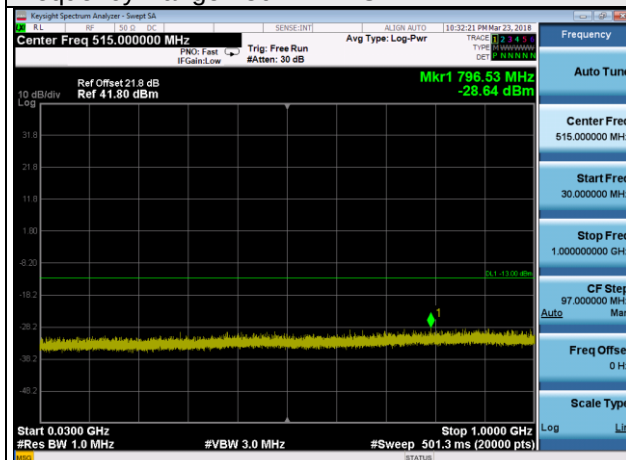


LTE Band 2 Channel Band width: 20MHz

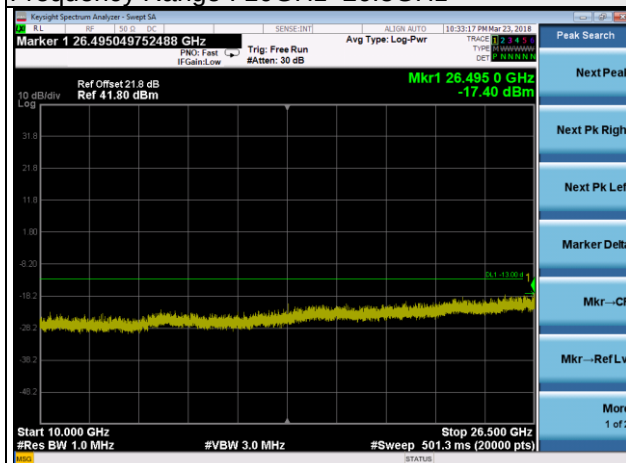
Channel 19100

Frequency Range : 30MHz~1GHz

Frequency Range : 1GHz ~10GHz



Frequency Range : 10GHz~26.5GHz



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 -13dBm .

4.7.2 Test Procedure

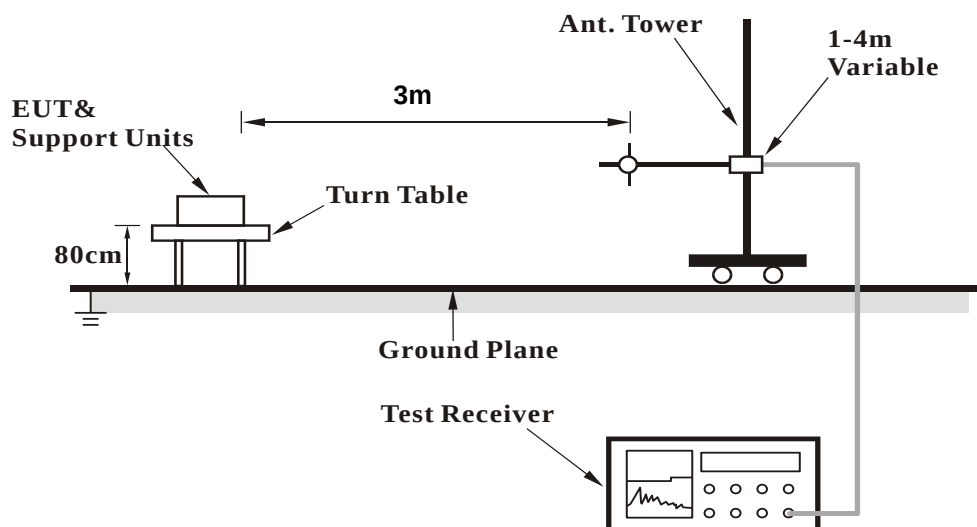
- a. The power was measured with Spectrum Analyzer.
- b. Substitution method is used for EIRP measurement. In the semi-anechoic chamber, EUT placed on the 0.8m/1.5m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical 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/1MHz.

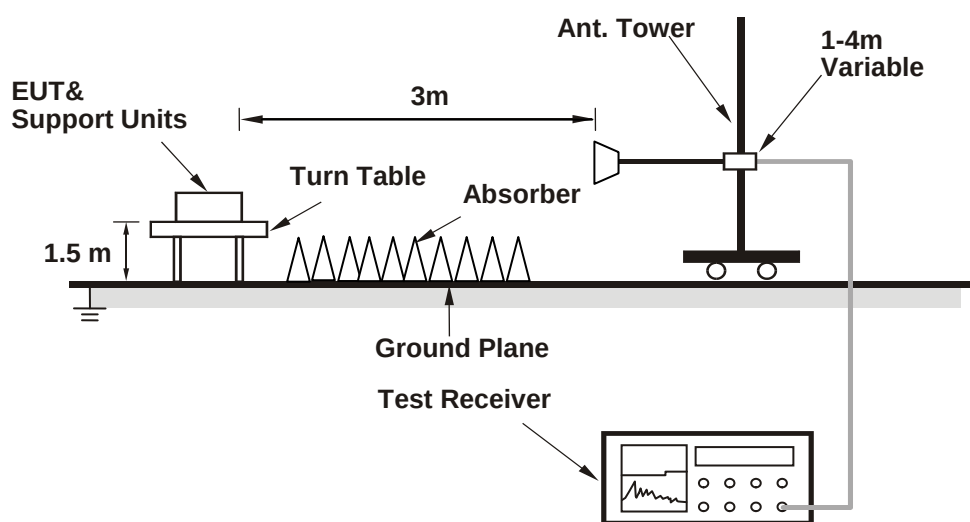
4.7.3 Deviation from Test Standard

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 9262	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	73.41	28.57	-67.00	-2.27	-69.27	-13	-56.27
2	136.87	28.30	-66.91	-1.45	-68.36	-13	-55.36
3	303.57	29.66	-66.13	3.71	-62.42	-13	-49.42
4	332.69	34.69	-63.18	3.60	-59.58	-13	-46.58
5	346.17	41.25	-56.62	3.60	-53.02	-13	-40.02
6	910.37	36.90	-61.66	0.45	-61.22	-13	-48.22
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	40.07	26.30	-46.92	-13.58	-60.50	-13	-47.50
2	75.15	27.97	-67.48	-2.23	-69.71	-13	-56.71
3	351.32	37.14	-60.72	3.59	-57.14	-13	-44.14
4	464.42	30.00	-67.32	2.83	-64.49	-13	-51.49
5	495.72	31.20	-64.39	2.93	-61.45	-13	-48.45
6	887.31	33.09	-65.83	0.54	-65.29	-13	-52.29

Remarks:

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

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	74.03	28.54	-67.03	-2.27	-69.30	-13	-56.30
2	136.82	27.65	-67.56	-1.45	-69.01	-13	-56.01
3	304.35	28.82	-66.97	3.71	-63.26	-13	-50.26
4	332.91	34.96	-62.91	3.60	-59.31	-13	-46.31
5	347.07	41.20	-56.67	3.60	-53.07	-13	-40.07
6	911.68	35.79	-62.77	0.45	-62.33	-13	-49.33

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	40.45	26.92	-46.30	-13.58	-59.88	-13	-46.88
2	76.03	27.63	-67.82	-2.23	-70.05	-13	-57.05
3	350.85	37.23	-60.63	3.59	-57.05	-13	-44.05
4	465.15	30.81	-66.51	2.83	-63.68	-13	-50.68
5	495.74	32.49	-63.10	2.93	-60.16	-13	-47.16
6	887.5	32.63	-66.29	0.54	-65.75	-13	-52.75

Remarks:

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

Mode	TX channel 9538	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	73.48	28.41	-67.16	-2.27	-69.43	-13	-56.43
2	138	27.43	-67.78	-1.45	-69.23	-13	-56.23
3	303.19	29.70	-66.09	3.71	-62.38	-13	-49.38
4	333.13	36.03	-61.84	3.60	-58.24	-13	-45.24
5	346.65	41.46	-56.41	3.60	-52.81	-13	-39.81
6	911.87	36.10	-62.46	0.45	-62.02	-13	-49.02
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	40.72	25.78	-47.44	-13.58	-61.02	-13	-48.02
2	75.35	27.41	-68.04	-2.23	-70.27	-13	-57.27
3	352.09	35.82	-62.04	3.59	-58.46	-13	-45.46
4	463.64	31.39	-65.93	2.83	-63.10	-13	-50.10
5	495.02	32.24	-63.35	2.93	-60.41	-13	-47.41
6	887.38	32.09	-66.83	0.54	-66.29	-13	-53.29

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 2: 1.4 MHz

Mode	TX channel 18607	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	73.73	29.24	-65.95	-2.14	-68.09	-13	-55.09
2	138.28	28.26	-66.17	-1.36	-67.54	-13	-54.54
3	301.66	29.68	-66.17	3.71	-62.46	-13	-49.46
4	331.42	34.11	-63.76	3.69	-60.07	-13	-47.07
5	347.86	41.41	-56.46	3.69	-52.77	-13	-39.77
6	912.14	36.25	-62.35	0.46	-61.89	-13	-48.89

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	38.74	28.05	-46.37	-12.77	-59.14	-13	-46.14
2	74.82	27.67	-67.33	-2.08	-69.41	-13	-56.41
3	351.78	35.09	-62.77	3.59	-59.19	-13	-46.19
4	464.85	30.34	-67.10	2.83	-64.27	-13	-51.27
5	494.23	28.20	-67.39	2.93	-64.46	-13	-51.46
6	887.29	30.50	-68.38	0.53	-67.84	-13	-54.84

Remarks:

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

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	73.6	28.97	-66.22	-2.14	-68.36	-13	-55.36
2	136.99	27.24	-67.19	-1.36	-68.56	-13	-55.56
3	300.78	28.94	-66.91	3.71	-63.20	-13	-50.20
4	331.52	33.64	-64.23	3.69	-60.54	-13	-47.54
5	347.14	40.00	-57.87	3.69	-54.18	-13	-41.18
6	912.26	35.89	-62.71	0.46	-62.25	-13	-49.25

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	38.68	27.89	-46.53	-12.77	-59.30	-13	-46.30
2	74.76	28.75	-66.25	-2.08	-68.33	-13	-55.33
3	352.55	34.67	-63.19	3.59	-59.61	-13	-46.61
4	465.03	29.47	-67.97	2.83	-65.14	-13	-52.14
5	493.25	28.73	-66.86	2.93	-63.93	-13	-50.93
6	887.7	30.83	-68.05	0.53	-67.51	-13	-54.51

Remarks:

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

Mode	TX channel 19193	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	73.59	30.92	-64.27	-2.14	-66.41	-13	-53.41
2	137.62	28.79	-65.64	-1.36	-67.01	-13	-54.01
3	301.48	28.94	-66.91	3.71	-63.20	-13	-50.20
4	331.27	32.36	-65.51	3.69	-61.82	-13	-48.82
5	348.06	39.60	-58.27	3.69	-54.58	-13	-41.58
6	911.97	35.41	-63.19	0.46	-62.73	-13	-49.73
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	38.3	27.94	-46.48	-12.77	-59.25	-13	-46.25
2	73.78	29.02	-65.98	-2.08	-68.06	-13	-55.06
3	352.47	35.08	-62.78	3.59	-59.20	-13	-46.20
4	465.45	30.16	-67.28	2.83	-64.45	-13	-51.45
5	494.24	29.04	-66.55	2.93	-63.62	-13	-50.62
6	887.54	30.58	-68.30	0.53	-67.76	-13	-54.76

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 18615	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	73.5	30.79	-64.40	-2.14	-66.54	-13	-53.54
2	137.93	28.29	-66.14	-1.36	-67.51	-13	-54.51
3	301.37	28.46	-67.39	3.71	-63.68	-13	-50.68
4	330.62	31.53	-66.34	3.69	-62.65	-13	-49.65
5	347.89	38.24	-59.63	3.69	-55.94	-13	-42.94
6	911.97	35.41	-63.19	0.46	-62.73	-13	-49.73
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	39.65	27.65	-46.77	-12.77	-59.54	-13	-46.54
2	75.16	28.67	-66.33	-2.08	-68.41	-13	-55.41
3	351.1	35.43	-62.43	3.59	-58.85	-13	-45.85
4	464	29.47	-67.97	2.83	-65.14	-13	-52.14
5	494.54	28.12	-67.47	2.93	-64.54	-13	-51.54
6	887.15	31.38	-67.50	0.53	-66.96	-13	-53.96

Remarks:

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

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	73.2	29.57	-65.62	-2.14	-67.76	-13	-54.76
2	138.17	28.00	-66.43	-1.36	-67.80	-13	-54.80
3	301.87	28.81	-67.04	3.71	-63.33	-13	-50.33
4	331.25	32.04	-65.83	3.69	-62.14	-13	-49.14
5	348.84	38.37	-59.50	3.69	-55.81	-13	-42.81
6	911.44	35.32	-63.28	0.46	-62.82	-13	-49.82

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	40.4	28.82	-45.60	-12.77	-58.37	-13	-45.37
2	74.93	29.04	-65.96	-2.08	-68.04	-13	-55.04
3	351.94	35.70	-62.16	3.59	-58.58	-13	-45.58
4	463.37	30.79	-66.65	2.83	-63.82	-13	-50.82
5	493.58	29.27	-66.32	2.93	-63.39	-13	-50.39
6	886.68	31.58	-67.30	0.53	-66.76	-13	-53.76

Remarks:

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

Mode	TX channel 19185	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	72.42	29.76	-65.43	-2.14	-67.57	-13	-54.57
2	138.69	28.06	-66.37	-1.36	-67.74	-13	-54.74
3	302.31	27.51	-68.34	3.71	-64.63	-13	-51.63
4	331.55	31.25	-66.62	3.69	-62.93	-13	-49.93
5	348.97	39.36	-58.51	3.69	-54.82	-13	-41.82
6	911.85	34.28	-64.32	0.46	-63.86	-13	-50.86

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	40.98	28.51	-45.91	-12.77	-58.68	-13	-45.68
2	74.96	27.60	-67.40	-2.08	-69.48	-13	-56.48
3	352.39	35.62	-62.24	3.59	-58.66	-13	-45.66
4	463.97	30.39	-67.05	2.83	-64.22	-13	-51.22
5	494.29	29.49	-66.10	2.93	-63.17	-13	-50.17
6	886.53	31.66	-67.22	0.53	-66.68	-13	-53.68

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 2: 5 MHz

Mode	TX channel 18625	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	72.63	30.23	-65.15	-2.20	-67.35	-13	-54.35
2	137.42	28.49	-66.19	-1.39	-67.58	-13	-54.58
3	301.15	28.11	-67.72	3.71	-64.01	-13	-51.01
4	331.56	30.97	-66.90	3.60	-63.29	-13	-50.29
5	348.9	39.33	-58.54	3.60	-54.93	-13	-41.93
6	912.63	34.10	-64.49	0.45	-64.04	-13	-51.04
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	38.09	27.26	-46.93	-12.93	-59.85	-13	-46.85
2	73.01	27.73	-67.58	-2.18	-69.76	-13	-56.76
3	349.29	35.83	-62.04	3.60	-58.44	-13	-45.44
4	463.16	30.40	-67.14	2.83	-64.31	-13	-51.31
5	494.29	30.58	-65.01	2.93	-62.08	-13	-49.08
6	885.57	31.63	-67.27	0.54	-66.73	-13	-53.73

Remarks:

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

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	73.31	29.85	-65.41	-2.16	-67.58	-13	-54.58
2	136.87	28.28	-66.56	-1.41	-67.96	-13	-54.96
3	301.59	28.10	-67.75	3.71	-64.04	-13	-51.04
4	330.7	31.47	-66.40	3.60	-62.80	-13	-49.80
5	349.33	39.42	-58.45	3.60	-54.85	-13	-41.85
6	913.42	34.88	-63.70	0.45	-63.25	-13	-50.25
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	38.97	28.44	-46.07	-12.71	-58.78	-13	-45.78
2	73	28.33	-66.98	-2.18	-69.17	-13	-56.17
3	349.4	35.38	-62.49	3.60	-58.89	-13	-45.89
4	463.29	31.45	-66.08	2.83	-63.25	-13	-50.25
5	494.78	29.95	-65.63	2.93	-62.70	-13	-49.70
6	886.57	31.48	-67.40	0.53	-66.87	-13	-53.87

Remarks:

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

Mode	TX channel 19175	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	73.41	30.77	-64.47	-2.16	-66.63	-13	-53.63
2	136.22	28.75	-66.27	-1.43	-67.70	-13	-54.70
3	301.11	28.24	-67.59	3.71	-63.88	-13	-50.88
4	330.51	31.37	-66.50	3.60	-62.90	-13	-49.90
5	349.9	38.58	-59.29	3.60	-55.69	-13	-42.69
6	914.2	35.19	-63.38	0.45	-62.93	-13	-49.93
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	38.61	28.04	-46.34	-12.80	-59.14	-13	-46.14
2	72.47	27.37	-68.04	-2.21	-70.25	-13	-57.25
3	350.32	35.02	-62.84	3.59	-59.25	-13	-46.25
4	463.68	30.41	-67.10	2.83	-64.27	-13	-51.27
5	495	30.48	-65.10	2.93	-62.17	-13	-49.17
6	886.19	31.34	-67.55	0.54	-67.01	-13	-54.01

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 18650	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	73.92	30.29	-64.87	-2.13	-67.00	-13	-54.00
2	136.08	27.42	-67.64	-1.43	-69.07	-13	-56.07
3	301.27	27.77	-68.07	3.71	-64.36	-13	-51.36
4	329.53	31.97	-65.90	3.60	-62.30	-13	-49.30
5	349.63	38.95	-58.92	3.60	-55.32	-13	-42.32
6	915.15	34.70	-63.86	0.45	-63.42	-13	-50.42
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	38.3	27.52	-46.75	-12.87	-59.62	-13	-46.62
2	72.15	27.00	-68.46	-2.23	-70.69	-13	-57.69
3	350.13	35.36	-62.50	3.59	-58.91	-13	-45.91
4	464.32	31.53	-65.94	2.83	-63.11	-13	-50.11
5	495.26	29.83	-65.75	2.93	-62.82	-13	-49.82
6	885.92	32.35	-66.54	0.54	-66.01	-13	-53.01

Remarks:

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

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	74.43	29.47	-65.60	-2.10	-67.70	-13	-54.70
2	136.48	27.93	-67.02	-1.42	-68.44	-13	-55.44
3	300.97	28.62	-67.20	3.71	-63.49	-13	-50.49
4	328.75	31.59	-66.28	3.60	-62.67	-13	-49.67
5	348.86	39.19	-58.68	3.60	-55.07	-13	-42.07
6	914.79	35.10	-63.47	0.45	-63.02	-13	-50.02
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	38.2	28.39	-45.84	-12.90	-58.74	-13	-45.74
2	71.4	28.05	-67.54	-2.27	-69.81	-13	-56.81
3	349.79	34.95	-62.92	3.60	-59.32	-13	-46.32
4	463.74	31.73	-65.77	2.83	-62.95	-13	-49.95
5	495.33	29.73	-65.85	2.92	-62.92	-13	-49.92
6	885.47	31.44	-67.46	0.54	-66.92	-13	-53.92

Remarks:

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

Mode	TX channel 19150	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	73.49	28.98	-66.25	-2.15	-68.40	-13	-55.40
2	136.15	26.46	-68.58	-1.43	-70.01	-13	-57.01
3	301.47	27.41	-68.43	3.71	-64.72	-13	-51.72
4	329.58	30.55	-67.32	3.60	-63.72	-13	-50.72
5	349.65	38.39	-59.48	3.60	-55.88	-13	-42.88
6	914.15	34.26	-64.31	0.45	-63.86	-13	-50.86
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	37.23	27.06	-46.82	-13.14	-59.95	-13	-46.95
2	71.97	28.01	-67.48	-2.24	-69.72	-13	-56.72
3	350.59	34.92	-62.94	3.59	-59.35	-13	-46.35
4	464.7	31.63	-65.82	2.83	-62.99	-13	-49.99
5	495.35	29.26	-66.32	2.92	-63.39	-13	-50.39
6	886.21	32.13	-66.76	0.54	-66.22	-13	-53.22

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 18675	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	73.71	29.29	-65.90	-2.14	-68.04	-13	-55.04
2	136.71	27.90	-66.98	-1.41	-68.39	-13	-55.39
3	301.02	27.45	-68.38	3.71	-64.66	-13	-51.66
4	329.59	30.34	-67.53	3.60	-63.93	-13	-50.93
5	349.07	38.23	-59.64	3.60	-56.04	-13	-43.04
6	914.59	34.21	-64.36	0.45	-63.91	-13	-50.91
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	36.41	27.69	-45.89	-13.34	-59.23	-13	-46.23
2	72.76	28.38	-66.98	-2.20	-69.17	-13	-56.17
3	349.69	35.11	-62.76	3.60	-59.16	-13	-46.16
4	464.83	30.96	-66.48	2.83	-63.65	-13	-50.65
5	495.63	30.13	-65.44	2.92	-62.52	-13	-49.52
6	885.4	32.43	-66.47	0.54	-65.93	-13	-52.93

Remarks:

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

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	72.27	29.24	-66.20	-2.22	-68.42	-13	-55.42
2	136.06	26.65	-68.42	-1.43	-69.85	-13	-56.85
3	300.36	27.97	-67.83	3.71	-64.12	-13	-51.12
4	331.03	31.28	-66.58	3.59	-62.99	-13	-49.99
5	350.41	39.09	-58.77	3.59	-55.18	-13	-42.18
6	914.85	34.87	-63.70	0.45	-63.25	-13	-50.25
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	37.57	28.36	-45.64	-13.05	-58.69	-13	-45.69
2	72.65	27.10	-68.27	-2.20	-70.48	-13	-57.48
3	350.18	34.60	-63.26	3.59	-59.67	-13	-46.67
4	464.85	30.33	-67.11	2.83	-64.28	-13	-51.28
5	495.77	30.45	-65.12	2.92	-62.20	-13	-49.20
6	885.33	31.48	-67.42	0.54	-66.88	-13	-53.88

Remarks:

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

Mode	TX channel 19125	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	71.49	29.84	-65.73	-2.27	-68.00	-13	-55.00
2	136.32	27.28	-67.72	-1.42	-69.14	-13	-56.14
3	300.74	27.84	-67.97	3.71	-64.26	-13	-51.26
4	331.28	30.23	-67.64	3.60	-64.04	-13	-51.04
5	349.51	38.61	-59.26	3.60	-55.66	-13	-42.66
6	914.66	34.10	-64.47	0.45	-64.02	-13	-51.02
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	37.06	27.21	-46.61	-13.18	-59.78	-13	-46.78
2	72.44	27.82	-67.59	-2.21	-69.81	-13	-56.81
3	350.9	35.40	-62.46	3.59	-58.87	-13	-45.87
4	465.84	31.56	-65.83	2.83	-63.00	-13	-50.00
5	495.48	29.67	-65.90	2.92	-62.98	-13	-49.98
6	884.91	31.65	-67.25	0.54	-66.71	-13	-53.71

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 2: 20 MHz

Mode	TX channel 18700	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	71.47	29.44	-66.14	-2.27	-68.41	-13	-55.41
2	135.74	26.62	-68.54	-1.44	-69.98	-13	-56.98
3	301.64	27.60	-68.25	3.71	-64.54	-13	-51.54
4	331.57	29.61	-68.26	3.60	-64.66	-13	-51.66
5	349.15	37.70	-60.17	3.60	-56.57	-13	-43.57
6	914.31	32.82	-65.75	0.45	-65.30	-13	-52.30
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	36.8	27.84	-45.88	-13.24	-59.12	-13	-46.12
2	71.93	27.52	-67.98	-2.24	-70.22	-13	-57.22
3	351.29	35.89	-61.97	3.59	-58.39	-13	-45.39
4	466.03	30.84	-66.54	2.83	-63.71	-13	-50.71
5	494.92	30.54	-65.04	2.93	-62.11	-13	-49.11
6	884.74	32.02	-66.88	0.54	-66.35	-13	-53.35

Remarks:

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

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	70.72	29.19	-66.52	-2.31	-68.83	-13	-55.83
2	134.99	26.66	-68.72	-1.46	-70.18	-13	-57.18
3	301.06	27.45	-68.38	3.71	-64.67	-13	-51.67
4	330.73	28.77	-69.09	3.59	-65.50	-13	-52.50
5	350.13	37.87	-59.99	3.59	-56.40	-13	-43.40
6	915.08	33.70	-64.86	0.45	-64.42	-13	-51.42

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	36.38	27.58	-45.99	-13.34	-59.33	-13	-46.33
2	71.96	27.62	-67.87	-2.24	-70.12	-13	-57.12
3	350.6	35.78	-62.08	3.59	-58.49	-13	-45.49
4	466.13	30.81	-66.56	2.83	-63.73	-13	-50.73
5	495.05	30.60	-64.98	2.93	-62.05	-13	-49.05
6	883.93	32.39	-66.52	0.54	-65.98	-13	-52.98

Remarks:

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

Mode	TX channel 19100	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	71.52	29.33	-66.28	-2.28	-68.56	-13	-55.56
2	135.57	27.16	-68.33	-1.48	-69.80	-13	-56.80
3	300.25	27.84	-67.97	3.71	-64.26	-13	-51.26
4	330.08	29.86	-68.01	3.70	-64.31	-13	-51.31
5	349.4	38.46	-59.41	3.70	-55.71	-13	-42.71
6	915.16	33.55	-65.02	0.45	-64.57	-13	-51.57

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	35.42	28.54	-44.45	-13.73	-58.19	-13	-45.19
2	72.22	28.47	-67.14	-2.28	-69.42	-13	-56.42
3	351.3	35.94	-61.92	3.58	-58.34	-13	-45.34
4	467.08	31.74	-65.58	2.83	-62.75	-13	-49.75
5	494.49	30.72	-64.87	2.93	-61.93	-13	-48.93
6	883.23	32.66	-66.26	0.54	-65.71	-13	-52.71

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 9262	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	3704.8	49.53	-54.42	7.71	-46.71	-13	-33.71
2	5557.2	43.04	-61.84	7.08	-54.76	-13	-41.76
3	7409.6	43.55	-59.07	4.62	-54.45	-13	-41.45
4	9262	45.63	-56.59	4.23	-52.36	-13	-39.36
5	11114.4	48.09	-53.44	3.25	-50.19	-13	-37.19
6	12966.8	49.38	-51.50	4.44	-47.06	-13	-34.06
7	14819.2	49.99	-47.64	3.44	-44.20	-13	-31.20
8	16671.6	54.00	-43.35	3.70	-39.65	-13	-26.65
9	3704.8	49.53	-54.42	7.71	-46.71	-13	-33.71
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	3704.8	47.22	-56.73	7.71	-49.02	-13	-36.02
2	5557.2	37.54	-67.34	7.08	-60.26	-13	-47.26
3	7409.6	43.05	-59.57	4.62	-54.95	-13	-41.95
4	9262	44.04	-58.18	4.23	-53.95	-13	-40.95
5	11114.4	49.21	-52.32	3.25	-49.07	-13	-36.07
6	12966.8	48.47	-52.41	4.44	-47.97	-13	-34.97
7	14819.2	49.67	-47.96	3.44	-44.52	-13	-31.52
8	16671.6	53.32	-44.03	3.70	-40.33	-13	-27.33
9	3704.8	47.22	-56.73	7.71	-49.02	-13	-36.02

Remarks:

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

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	50.29	-53.86	7.68	-46.18	-13	-33.18
2	5640	42.17	-62.57	7.02	-55.55	-13	-42.55
3	7520	43.72	-58.90	4.53	-54.37	-13	-41.37
4	9400	45.62	-56.25	4.21	-52.05	-13	-39.05
5	11280	49.05	-52.44	3.48	-48.96	-13	-35.96
6	13160	49.71	-50.90	4.06	-46.83	-13	-33.83
7	15040	49.63	-47.72	3.70	-44.02	-13	-31.02
8	16920	53.64	-43.71	3.70	-40.01	-13	-27.01
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	3760	47.81	-56.34	7.68	-48.66	-13	-35.66
2	5640	38.2	-66.54	7.02	-59.52	-13	-46.52
3	7520	43.69	-58.93	4.53	-54.40	-13	-41.40
4	9400	44.85	-57.02	4.21	-52.82	-13	-39.82
5	11280	49.91	-51.58	3.48	-48.10	-13	-35.10
6	13160	49.42	-51.19	4.06	-47.12	-13	-34.12
7	15040	49.23	-48.12	3.70	-44.42	-13	-31.42
8	16920	52.35	-45.00	3.70	-41.30	-13	-28.30

Remarks:

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

Mode	TX channel 9538	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	3815.2	50.01	-54.34	7.64	-46.70	-13	-33.70
2	5722.8	42.17	-62.44	6.96	-55.47	-13	-42.47
3	7630.4	44.56	-58.06	4.43	-53.63	-13	-40.63
4	9538	45.75	-55.87	4.18	-51.69	-13	-38.69
5	11445.6	49.76	-51.70	3.71	-47.99	-13	-34.99
6	13353.2	50.67	-49.67	3.60	-46.06	-13	-33.06
7	15260.8	49.37	-47.98	3.70	-44.28	-13	-31.28
8	17168.4	54.60	-42.75	3.70	-39.05	-13	-26.05
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	3815.2	47.95	-56.40	7.64	-48.76	-13	-35.76
2	5722.8	38.53	-66.08	6.96	-59.11	-13	-46.11
3	7630.4	43.27	-59.35	4.43	-54.92	-13	-41.92
4	9538	45.77	-55.85	4.18	-51.67	-13	-38.67
5	11445.6	50.21	-51.25	3.71	-47.54	-13	-34.54
6	13353.2	50.31	-50.03	3.60	-46.42	-13	-33.42
7	15260.8	49.81	-47.54	3.70	-43.84	-13	-30.84
8	17168.4	52.04	-45.31	3.70	-41.61	-13	-28.61

Remarks:

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

LTE Bnad 2: 1.4 MHz

Mode	TX channel 18607	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	3701.4	36.21	-67.73	7.72	-60.01	-13	-47.01
2	5552.1	39.86	-65.03	7.08	-57.95	-13	-44.95
3	7402.8	45.80	-56.70	4.63	-52.07	-13	-39.07
4	9253.5	47.41	-54.84	4.23	-50.60	-13	-37.60
5	11104.2	48.64	-52.89	3.24	-49.65	-13	-36.65
6	12954.9	48.30	-52.60	4.44	-48.16	-13	-35.16
7	14805.6	48.65	-49.00	3.42	-45.58	-13	-32.58
8	16656.3	48.91	-48.44	3.70	-44.74	-13	-31.74
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	3701.4	48.44	-55.50	7.72	-47.78	-13	-34.78
2	5552.1	42.00	-62.89	7.08	-55.81	-13	-42.81
3	7402.8	42.65	-59.85	4.63	-55.22	-13	-42.22
4	9253.5	45.92	-56.33	4.23	-52.09	-13	-39.09
5	11104.2	47.58	-53.95	3.24	-50.71	-13	-37.71
6	12954.9	46.90	-54.00	4.44	-49.56	-13	-36.56
7	14805.6	47.99	-49.66	3.42	-46.24	-13	-33.24
8	16656.3	51.41	-45.94	3.70	-42.24	-13	-29.24

Remarks:

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

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	41.32	-62.83	7.68	-55.15	-13	-42.15
2	5640	41.11	-63.63	7.02	-56.61	-13	-43.61
3	7520	43.94	-58.68	4.53	-54.15	-13	-41.15
4	9400	44.32	-57.55	4.21	-53.35	-13	-40.35
5	11280	47.97	-53.52	3.48	-50.04	-13	-37.04
6	13160	46.68	-53.90	4.48	-49.42	-13	-36.42
7	15040	48.72	-48.57	3.76	-44.81	-13	-31.81
8	16920	51.45	-45.90	3.70	-42.20	-13	-29.20
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	3760	47.71	-56.44	7.68	-48.76	-13	-35.76
2	5640	42.03	-62.71	7.02	-55.69	-13	-42.69
3	7520	42.44	-60.18	4.53	-55.65	-13	-42.65
4	9400	46.82	-55.05	4.21	-50.85	-13	-37.85
5	11280	46.89	-54.60	3.48	-51.12	-13	-38.12
6	13160	47.22	-53.36	4.48	-48.88	-13	-35.88
7	15040	48.12	-49.17	3.76	-45.41	-13	-32.41
8	16920	52.08	-45.27	3.70	-41.57	-13	-28.57

Remarks:

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

Mode	TX channel 19193	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	3818.6	36.21	-68.16	7.64	-60.52	-13	-47.52
2	5727.9	39.86	-64.74	6.96	-57.78	-13	-44.78
3	7637.2	45.80	-56.82	4.43	-52.39	-13	-39.39
4	9546.5	47.41	-54.20	4.18	-50.03	-13	-37.03
5	11455.8	48.64	-52.82	3.73	-49.09	-13	-36.09
6	13365.1	48.30	-52.02	3.57	-48.45	-13	-35.45
7	15274.4	48.65	-48.70	3.70	-45.00	-13	-32.00
8	17183.7	48.91	-48.44	3.70	-44.74	-13	-31.74

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	3818.6	47.83	-56.54	7.64	-48.90	-13	-35.90
2	5727.9	41.41	-63.19	6.96	-56.23	-13	-43.23
3	7637.2	41.57	-61.05	4.43	-56.62	-13	-43.62
4	9546.5	47.32	-54.29	4.18	-50.12	-13	-37.12
5	11455.8	46.43	-55.03	3.73	-51.30	-13	-38.30
6	13365.1	48.09	-52.23	3.57	-48.66	-13	-35.66
7	15274.4	47.25	-50.10	3.70	-46.40	-13	-33.40
8	17183.7	51.75	-45.60	3.70	-41.90	-13	-28.90

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 18615	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	3703	36.21	-67.73	7.72	-60.02	-13	-47.02
2	5554.5	39.86	-65.03	7.08	-57.95	-13	-44.95
3	7406	45.80	-56.71	4.63	-52.08	-13	-39.08
4	9257.5	47.41	-54.83	4.23	-50.59	-13	-37.59
5	11109	48.64	-52.89	3.24	-49.64	-13	-36.64
6	12960.5	48.30	-52.59	4.44	-48.15	-13	-35.15
7	14812	48.65	-48.99	3.43	-45.56	-13	-32.56
8	16663.5	48.91	-48.44	3.70	-44.74	-13	-31.74
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	3703	48.89	-55.05	7.72	-47.34	-13	-34.34
2	5554.5	41.24	-63.65	7.08	-56.57	-13	-43.57
3	7406	41.73	-60.78	4.63	-56.15	-13	-43.15
4	9257.5	46.17	-56.07	4.23	-51.83	-13	-38.83
5	11109	46.66	-54.87	3.24	-51.62	-13	-38.62
6	12960.5	47.01	-53.88	4.44	-49.44	-13	-36.44
7	14812	48.78	-48.86	3.43	-45.43	-13	-32.43
8	16663.5	52.04	-45.31	3.70	-41.61	-13	-28.61

Remarks:

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

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	41.32	-62.83	7.68	-55.15	-13	-42.15
2	5640	41.11	-63.63	7.02	-56.61	-13	-43.61
3	7520	43.94	-58.68	4.53	-54.15	-13	-41.15
4	9400	44.32	-57.55	4.21	-53.35	-13	-40.35
5	11280	47.97	-53.52	3.48	-50.04	-13	-37.04
6	13160	46.68	-53.90	4.48	-49.42	-13	-36.42
7	15040	48.72	-48.57	3.76	-44.81	-13	-31.81
8	16920	51.45	-45.90	3.70	-42.20	-13	-29.20
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	3760	47.71	-56.44	7.68	-48.76	-13	-35.76
2	5640	42.03	-62.71	7.02	-55.69	-13	-42.69
3	7520	42.44	-60.18	4.53	-55.65	-13	-42.65
4	9400	46.82	-55.05	4.21	-50.85	-13	-37.85
5	11280	46.89	-54.60	3.48	-51.12	-13	-38.12
6	13160	47.22	-53.36	4.48	-48.88	-13	-35.88
7	15040	48.12	-49.17	3.76	-45.41	-13	-32.41
8	16920	52.08	-45.27	3.70	-41.57	-13	-28.57

Remarks:

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

Mode	TX channel 19185	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	3817	36.21	-68.15	7.64	-60.51	-13	-47.51
2	5725.5	39.86	-64.74	6.96	-57.78	-13	-44.78
3	7634	45.80	-56.82	4.43	-52.39	-13	-39.39
4	9542.5	47.41	-54.20	4.18	-50.03	-13	-37.03
5	11451	48.64	-52.82	3.72	-49.10	-13	-36.10
6	13359.5	48.30	-52.02	3.57	-48.45	-13	-35.45
7	15268	48.65	-48.70	3.70	-45.00	-13	-32.00
8	17176.5	48.91	-48.44	3.70	-44.74	-13	-31.74
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	3817	47.41	-56.95	7.64	-49.31	-13	-36.31
2	5725.5	42.28	-62.32	6.96	-55.36	-13	-42.36
3	7634	40.68	-61.94	4.43	-57.51	-13	-44.51
4	9542.5	47.65	-53.96	4.18	-49.79	-13	-36.79
5	11451	47.42	-54.04	3.72	-50.32	-13	-37.32
6	13359.5	47.16	-53.16	3.57	-49.59	-13	-36.59
7	15268	46.67	-50.68	3.70	-46.98	-13	-33.98
8	17176.5	51.95	-45.40	3.70	-41.70	-13	-28.70

Remarks:

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

LTE Bnad 2: 5 MHz

Mode	TX channel 18625	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	3705	36.21	-67.74	7.71	-60.03	-13	-47.03
2	5557.5	39.86	-65.02	7.08	-57.94	-13	-44.94
3	7410	45.80	-56.71	4.62	-52.09	-13	-39.09
4	9262.5	47.41	-54.81	4.23	-50.58	-13	-37.58
5	11115	48.64	-52.89	3.25	-49.64	-13	-36.64
6	12967.5	48.30	-52.58	4.44	-48.14	-13	-35.14
7	14820	48.65	-48.98	3.44	-45.54	-13	-32.54
8	16672.5	48.91	-48.44	3.70	-44.74	-13	-31.74
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	3705	48.46	-55.49	7.71	-47.78	-13	-34.78
2	5557.5	42.14	-62.74	7.08	-55.66	-13	-42.66
3	7410	41.65	-60.86	4.62	-56.24	-13	-43.24
4	9262.5	46.43	-55.79	4.23	-51.56	-13	-38.56
5	11115	47.00	-54.53	3.25	-51.28	-13	-38.28
6	12967.5	47.81	-53.07	4.44	-48.63	-13	-35.63
7	14820	49.29	-48.34	3.44	-44.90	-13	-31.90
8	16672.5	52.34	-45.01	3.70	-41.31	-13	-28.31

Remarks:

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

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	36.21	-67.94	7.68	-60.26	-13	-47.26
2	5640	39.86	-64.88	7.02	-57.86	-13	-44.86
3	7520	45.80	-56.82	4.53	-52.29	-13	-39.29
4	9400	47.41	-54.46	4.21	-50.26	-13	-37.26
5	11280	48.64	-52.85	3.48	-49.37	-13	-36.37
6	13160	48.30	-52.28	4.48	-47.80	-13	-34.80
7	15040	48.65	-48.64	3.76	-44.88	-13	-31.88
8	16920	48.91	-48.44	3.70	-44.74	-13	-31.74
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	3760	49.10	-55.05	7.68	-47.37	-13	-34.37
2	5640	42.94	-61.80	7.02	-54.78	-13	-41.78
3	7520	44.09	-58.53	4.53	-54.00	-13	-41.00
4	9400	46.69	-55.18	4.21	-50.98	-13	-37.98
5	11280	46.53	-54.96	3.48	-51.48	-13	-38.48
6	13160	46.67	-53.91	4.48	-49.43	-13	-36.43
7	15040	49.14	-48.15	3.76	-44.39	-13	-31.39
8	16920	52.09	-45.26	3.70	-41.56	-13	-28.56

Remarks:

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

Mode	TX channel 19175	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	3815	36.21	-68.14	7.64	-60.50	-13	-47.50
2	5722.5	39.86	-64.75	6.96	-57.78	-13	-44.78
3	7630	45.80	-56.82	4.43	-52.39	-13	-39.39
4	9537.5	47.41	-54.20	4.18	-50.03	-13	-37.03
5	11445	48.64	-52.82	3.71	-49.11	-13	-36.11
6	13352.5	48.30	-52.02	3.57	-48.45	-13	-35.45
7	15260	48.65	-48.70	3.70	-45.00	-13	-32.00
8	17167.5	48.91	-48.44	3.70	-44.74	-13	-31.74
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	3815	46.80	-57.55	7.64	-49.91	-13	-36.91
2	5722.5	41.46	-63.15	6.96	-56.18	-13	-43.18
3	7630	39.73	-62.89	4.43	-58.46	-13	-45.46
4	9537.5	48.09	-53.52	4.18	-49.35	-13	-36.35
5	11445	46.99	-54.47	3.71	-50.76	-13	-37.76
6	13352.5	46.81	-53.51	3.57	-49.94	-13	-36.94
7	15260	47.52	-49.83	3.70	-46.13	-13	-33.13
8	17167.5	52.44	-44.91	3.70	-41.21	-13	-28.21

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 18650	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	3710	36.21	-67.76	7.71	-60.05	-13	-47.05
2	5565	39.86	-65.01	7.07	-57.94	-13	-44.94
3	7420	45.80	-56.72	4.61	-52.11	-13	-39.11
4	9275	47.41	-54.78	4.23	-50.55	-13	-37.55
5	11130	48.64	-52.88	3.27	-49.61	-13	-36.61
6	12985	48.30	-52.55	4.44	-48.11	-13	-35.11
7	14840	48.65	-48.95	3.47	-45.48	-13	-32.48
8	16695	48.91	-48.44	3.70	-44.74	-13	-31.74
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	3710	48.66	-55.31	7.71	-47.60	-13	-34.60
2	5565	42.34	-62.53	7.07	-55.46	-13	-42.46
3	7420	42.22	-60.30	4.61	-55.69	-13	-42.69
4	9275	44.88	-57.31	4.23	-53.08	-13	-40.08
5	11130	47.77	-53.75	3.27	-50.48	-13	-37.48
6	12985	47.57	-53.28	4.44	-48.84	-13	-35.84
7	14840	48.94	-48.66	3.47	-45.19	-13	-32.19
8	16695	52.58	-44.77	3.70	-41.07	-13	-28.07

Remarks:

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

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	36.21	-67.94	7.68	-60.26	-13	-47.26
2	5640	39.86	-64.88	7.02	-57.86	-13	-44.86
3	7520	45.80	-56.82	4.53	-52.29	-13	-39.29
4	9400	47.41	-54.46	4.21	-50.26	-13	-37.26
5	11280	48.64	-52.85	3.48	-49.37	-13	-36.37
6	13160	48.30	-52.28	4.48	-47.80	-13	-34.80
7	15040	48.65	-48.64	3.76	-44.88	-13	-31.88
8	16920	48.91	-48.44	3.70	-44.74	-13	-31.74

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	3760	48.90	-55.25	7.68	-47.57	-13	-34.57
2	5640	42.32	-62.42	7.02	-55.40	-13	-42.40
3	7520	43.13	-59.49	4.53	-54.96	-13	-41.96
4	9400	46.35	-55.52	4.21	-51.32	-13	-38.32
5	11280	46.49	-55.00	3.48	-51.52	-13	-38.52
6	13160	47.05	-53.53	4.48	-49.05	-13	-36.05
7	15040	48.02	-49.27	3.76	-45.51	-13	-32.51
8	16920	52.03	-45.32	3.70	-41.62	-13	-28.62

Remarks:

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

Mode	TX channel 19150	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	3810	36.21	-68.12	7.65	-60.48	-13	-47.48
2	5715	39.86	-64.76	6.97	-57.79	-13	-44.79
3	7620	45.80	-56.82	4.43	-52.39	-13	-39.39
4	9525	47.41	-54.20	4.18	-50.03	-13	-37.03
5	11430	48.64	-52.82	3.69	-49.13	-13	-36.13
6	13335	48.30	-52.02	3.57	-48.45	-13	-35.45
7	15240	48.65	-48.70	3.70	-45.00	-13	-32.00
8	17145	48.91	-48.44	3.70	-44.74	-13	-31.74
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	3810	46.65	-57.68	7.65	-50.04	-13	-37.04
2	5715	40.75	-63.87	6.97	-56.90	-13	-43.90
3	7620	38.74	-63.88	4.43	-59.45	-13	-46.45
4	9525	47.74	-53.87	4.18	-49.70	-13	-36.70
5	11430	47.81	-53.65	3.69	-49.96	-13	-36.96
6	13335	47.51	-52.81	3.57	-49.24	-13	-36.24
7	15240	46.92	-50.43	3.70	-46.73	-13	-33.73
8	17145	51.51	-45.84	3.70	-42.14	-13	-29.14

Remarks:

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

LTE Bnad 2: 15 MHz

Mode	TX channel 18675	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	3715	36.21	-67.78	7.71	-60.07	-13	-47.07
2	5572.5	39.86	-65.00	7.07	-57.93	-13	-44.93
3	7430	45.80	-56.74	4.61	-52.13	-13	-39.13
4	9287.5	47.41	-54.75	4.23	-50.52	-13	-37.52
5	11145	48.64	-52.88	3.29	-49.59	-13	-36.59
6	13002.5	48.30	-52.53	4.45	-48.08	-13	-35.08
7	14860	48.65	-48.92	3.50	-45.42	-13	-32.42
8	16717.5	48.91	-48.44	3.70	-44.74	-13	-31.74
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	3715	49.52	-54.47	7.71	-46.76	-13	-33.76
2	5572.5	43.41	-61.45	7.07	-54.38	-13	-41.38
3	7430	41.76	-60.78	4.61	-56.17	-13	-43.17
4	9287.5	44.46	-57.70	4.23	-53.47	-13	-40.47
5	11145	48.62	-52.90	3.29	-49.61	-13	-36.61
6	13002.5	47.26	-53.57	4.45	-49.12	-13	-36.12
7	14860	49.16	-48.41	3.50	-44.91	-13	-31.91
8	16717.5	53.89	-43.46	3.70	-39.76	-13	-26.76

Remarks:

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

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	36.21	-67.94	7.68	-60.26	-13	-47.26
2	5640	39.86	-64.88	7.02	-57.86	-13	-44.86
3	7520	45.80	-56.82	4.53	-52.29	-13	-39.29
4	9400	47.41	-54.46	4.21	-50.26	-13	-37.26
5	11280	48.64	-52.85	3.48	-49.37	-13	-36.37
6	13160	48.30	-52.28	4.48	-47.80	-13	-34.80
7	15040	48.65	-48.64	3.76	-44.88	-13	-31.88
8	16920	48.91	-48.44	3.70	-44.74	-13	-31.74
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	3760	49.59	-54.56	7.68	-46.88	-13	-33.88
2	5640	42.31	-62.43	7.02	-55.41	-13	-42.41
3	7520	43.71	-58.91	4.53	-54.38	-13	-41.38
4	9400	46.88	-54.99	4.21	-50.79	-13	-37.79
5	11280	47.20	-54.29	3.48	-50.81	-13	-37.81
6	13160	47.78	-52.80	4.48	-48.32	-13	-35.32
7	15040	48.17	-49.12	3.76	-45.36	-13	-32.36
8	16920	52.46	-44.89	3.70	-41.19	-13	-28.19

Remarks:

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

Mode	TX channel 19125	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	3805	36.21	-68.11	7.65	-60.46	-13	-47.46
2	5707.5	39.86	-64.77	6.97	-57.80	-13	-44.80
3	7610	45.80	-56.82	4.43	-52.39	-13	-39.39
4	9512.5	47.41	-54.20	4.18	-50.03	-13	-37.03
5	11415	48.64	-52.83	3.67	-49.16	-13	-36.16
6	13317.5	48.30	-52.02	3.57	-48.45	-13	-35.45
7	15220	48.65	-48.70	3.70	-45.00	-13	-32.00
8	17122.5	48.91	-48.44	3.70	-44.74	-13	-31.74
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	3805	47.56	-56.76	7.65	-49.11	-13	-36.11
2	5707.5	41.36	-63.27	6.97	-56.30	-13	-43.30
3	7610	37.52	-65.10	4.43	-60.67	-13	-47.67
4	9512.5	47.26	-54.35	4.18	-50.18	-13	-37.18
5	11415	47.89	-53.58	3.67	-49.91	-13	-36.91
6	13317.5	48.38	-51.94	3.57	-48.37	-13	-35.37
7	15220	46.41	-50.94	3.70	-47.24	-13	-34.24
8	17122.5	50.90	-46.45	3.70	-42.75	-13	-29.75

Remarks:

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

LTE Bnad 2: 20 MHz

Mode	TX channel 18700	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	3720	36.21	-67.80	7.70	-60.09	-13	-47.09
2	5580	39.86	-64.99	7.06	-57.92	-13	-44.92
3	7440	45.80	-56.75	4.60	-52.15	-13	-39.15
4	9300	47.41	-54.72	4.23	-50.49	-13	-37.49
5	11160	48.64	-52.88	3.31	-49.56	-13	-36.56
6	13020	48.30	-52.50	4.45	-48.05	-13	-35.05
7	14880	48.65	-48.88	3.53	-45.36	-13	-32.36
8	16740	48.91	-48.44	3.70	-44.74	-13	-31.74
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	3720	48.93	-55.08	7.70	-47.37	-13	-34.37
2	5580	43.76	-61.09	7.06	-54.02	-13	-41.02
3	7440	42.75	-59.80	4.60	-55.20	-13	-42.20
4	9300	45.04	-57.09	4.23	-52.86	-13	-39.86
5	11160	48.84	-52.68	3.31	-49.36	-13	-36.36
6	13020	48.89	-51.91	4.45	-47.46	-13	-34.46
7	14880	48.99	-48.54	3.53	-45.02	-13	-32.02
8	16740	52.25	-45.10	3.70	-41.40	-13	-28.40

Remarks:

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

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	36.21	-67.94	7.68	-60.26	-13	-47.26
2	5640	39.86	-64.88	7.02	-57.86	-13	-44.86
3	7520	45.80	-56.82	4.53	-52.29	-13	-39.29
4	9400	47.41	-54.46	4.21	-50.26	-13	-37.26
5	11280	48.64	-52.85	3.48	-49.37	-13	-36.37
6	13160	48.30	-52.28	4.48	-47.80	-13	-34.80
7	15040	48.65	-48.64	3.76	-44.88	-13	-31.88
8	16920	48.91	-48.44	3.70	-44.74	-13	-31.74
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	3760	49.72	-54.43	7.68	-46.75	-13	-33.75
2	5640	42.69	-62.05	7.02	-55.03	-13	-42.03
3	7520	42.93	-59.69	4.53	-55.16	-13	-42.16
4	9400	46.06	-55.81	4.21	-51.61	-13	-38.61
5	11280	46.88	-54.61	3.48	-51.13	-13	-38.13
6	13160	47.27	-53.31	4.48	-48.83	-13	-35.83
7	15040	48.93	-48.36	3.76	-44.60	-13	-31.60
8	16920	52.58	-44.77	3.70	-41.07	-13	-28.07

Remarks:

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

Mode	TX channel 19100	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	3800	36.21	-68.09	7.65	-60.44	-13	-47.44
2	5700	39.86	-64.78	6.98	-57.80	-13	-44.80
3	7600	45.80	-56.82	4.43	-52.39	-13	-39.39
4	9500	47.41	-54.20	4.18	-50.03	-13	-37.03
5	11400	48.64	-52.83	3.65	-49.18	-13	-36.18
6	13300	48.30	-52.02	3.57	-48.45	-13	-35.45
7	15200	48.65	-48.70	3.70	-45.00	-13	-32.00
8	17100	48.91	-48.44	3.70	-44.74	-13	-31.74

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	3800	48.31	-55.99	7.65	-48.34	-13	-35.34
2	5700	40.15	-64.49	6.98	-57.51	-13	-44.51
3	7600	37.71	-64.91	4.43	-60.48	-13	-47.48
4	9500	46.46	-55.15	4.18	-50.98	-13	-37.98
5	11400	48.18	-53.29	3.65	-49.64	-13	-36.64
6	13300	47.38	-52.94	3.57	-49.37	-13	-36.37
7	15200	45.88	-51.47	3.70	-47.77	-13	-34.77
8	17100	50.31	-47.04	3.70	-43.34	-13	-30.34

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.

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

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

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