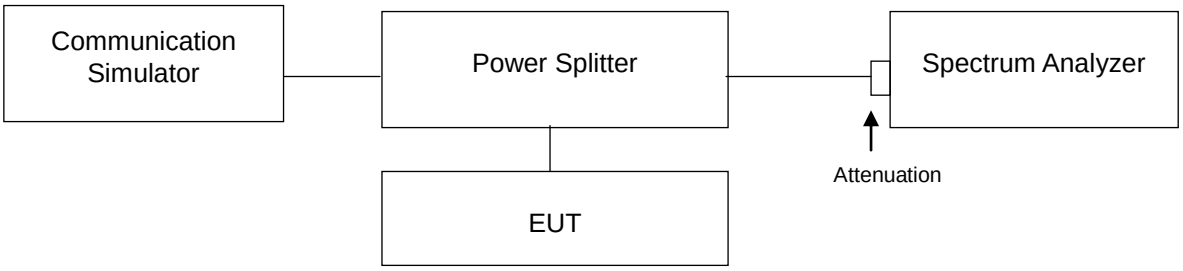
4.5 Peak to Average Ratio

4.5.1 Limits of Peak to Average Ratio Measurement

In measuring transmissions in this band using an average power technique, the peak to-average ratio (PAR) of the transmission may not exceed 13 dB

4.5.2 Test Setup



4.5.3 Test Procedures

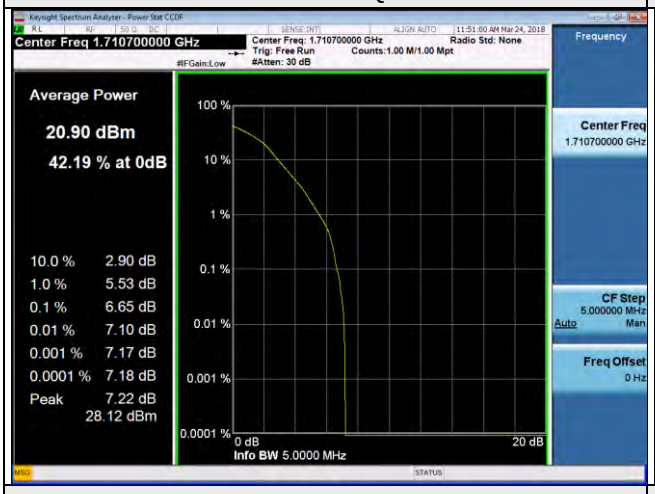
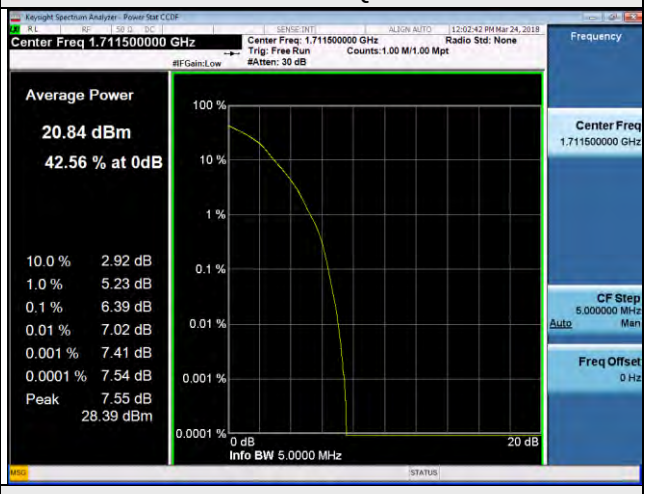
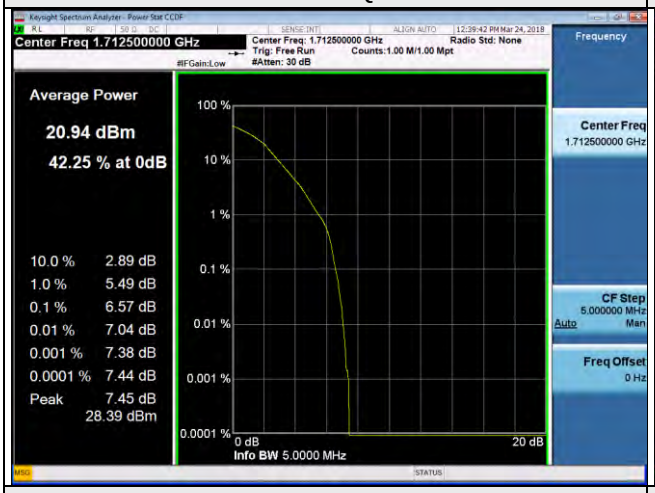
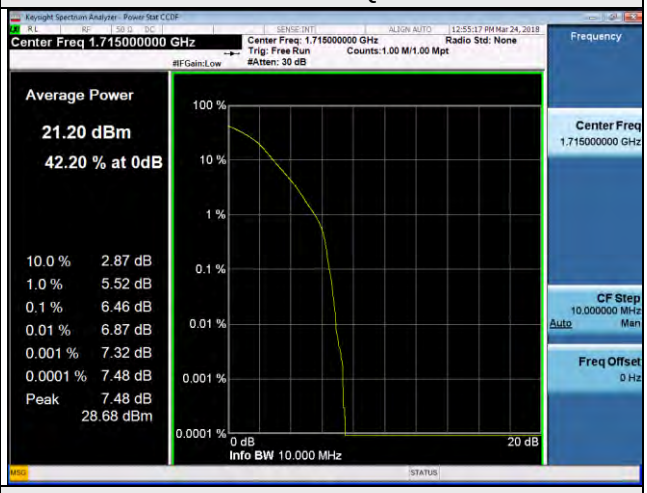
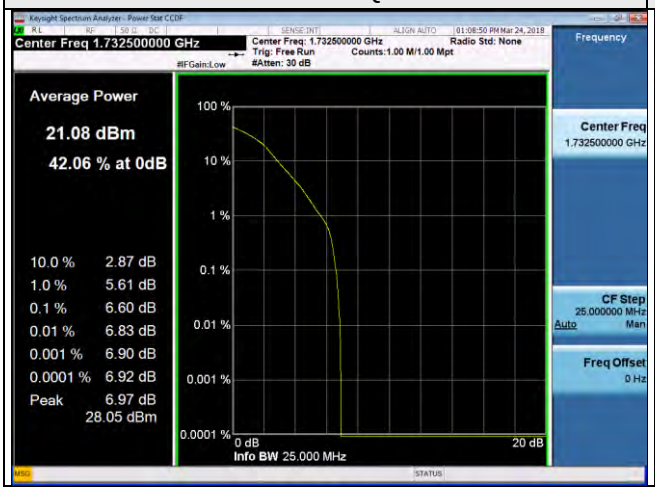
1. Set resolution/measurement bandwidth ≥ signal's occupied bandwidth;
2. Set the number of counts to a value that stabilizes the measured CCDF curve;
3. Record the maximum PAPR level associated with a probability of 0.1%.

4.5.4 Test Results

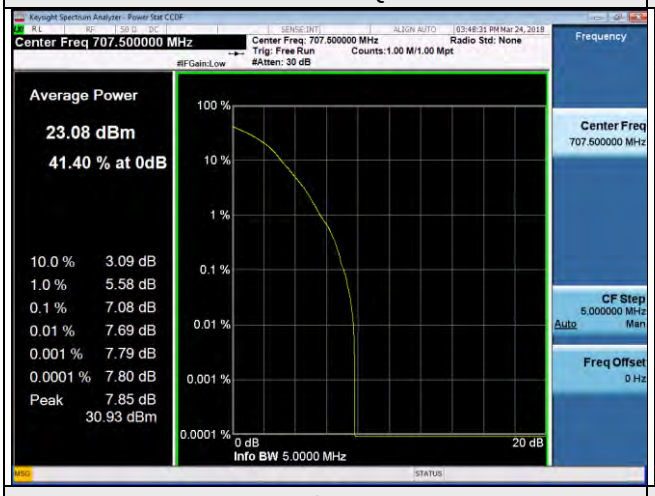
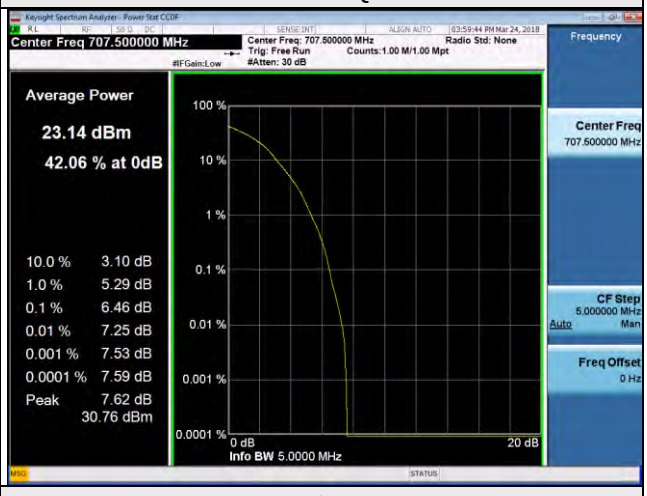
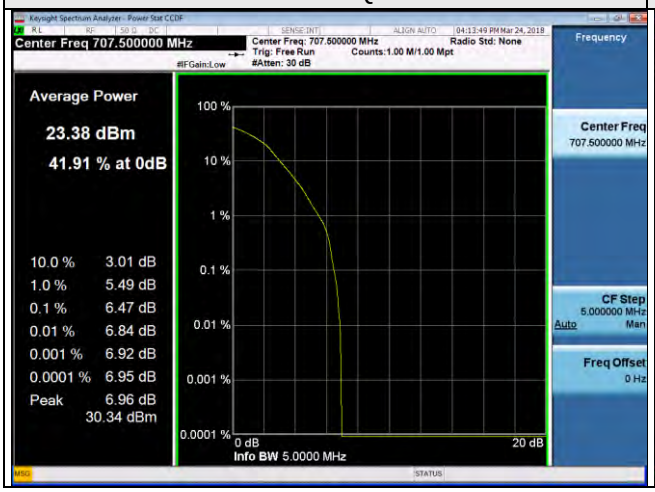
Channel	Freq. (MHz)	Peak to Average Ratio (dB)
		WCDMA BAND4
1312	1712.4	3.73
1413	1732.6	3.70
1513	1752.6	3.74

Spectrum Plot of Worst Value
WCDMA

LTE Band 4							
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
19957	1710.7	5.68	6.65	19965	1711.5	5.51	6.39
20175	1732.5	5.62	6.46	20175	1732.5	5.53	6.34
20393	1754.3	5.59	6.58	20385	1753.5	5.40	6.36
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
19975	1712.5	5.68	6.57	20000	1715	5.59	6.46
20175	1732.5	5.68	6.48	20175	1732.5	5.64	6.45
20375	1752.5	5.60	6.48	20350	1750	5.54	6.37
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
20025	1717.5	5.55	6.47	20050	1720	5.61	6.51
20175	1732.5	5.77	6.60	20175	1732.5	5.84	6.64
20325	1747.5	5.28	6.12	20300	1745	5.29	5.97

Spectrum Plot of Worst Value	
1.4MHz / 16QAM	3MHz / 16QAM
	
5MHz / 16QAM	10MHz / 16QAM
	
15MHz / 16QAM	20MHz / 16QAM
	

LTE Band 12							
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
23017	699.7	4.48	5.60	23025	700.5	4.45	5.41
23095	707.5	5.87	7.08	23095	707.5	5.51	6.46
23173	715.3	4.93	6.13	23165	714.5	4.26	5.28
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
23035	701.5	4.55	5.37	23060	704	4.49	5.27
23095	707.5	5.53	6.47	23095	707.5	5.20	5.97
23155	713.5	4.78	5.58	23130	711	5.66	6.59

Spectrum Plot of Worst Value	
1.4MHz / 16QAM	3MHz / 16QAM
	
5MHz / 16QAM	10MHz / 16QAM
	

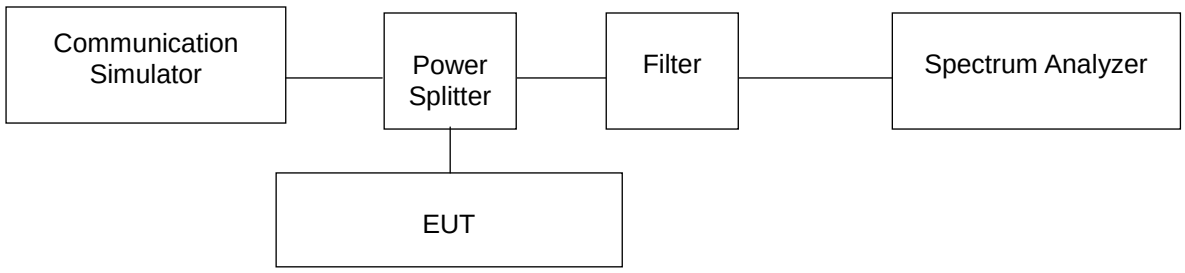
4.6 Conducted Spurious Emissions

4.6.1 Limits of Conducted Spurious Emissions Measurement

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

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

4.6.2 Test Setup



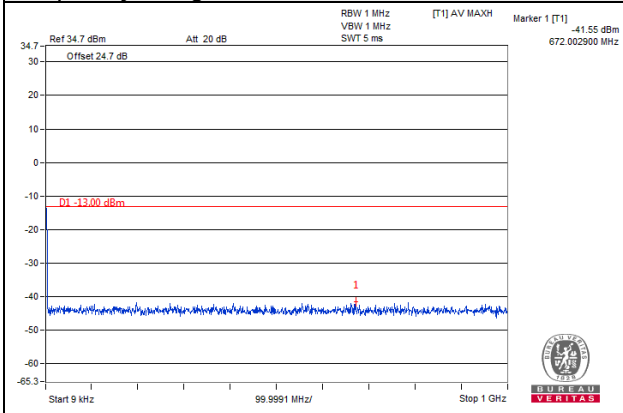
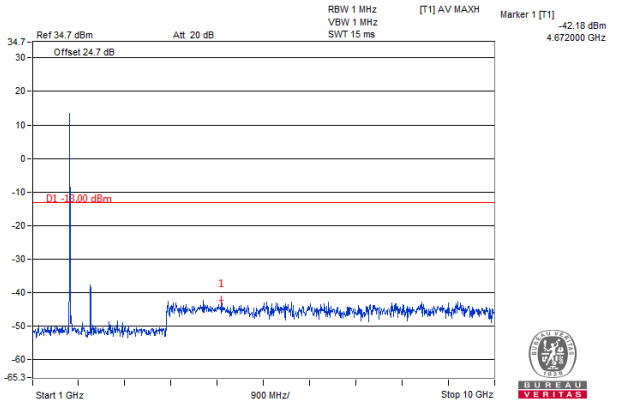
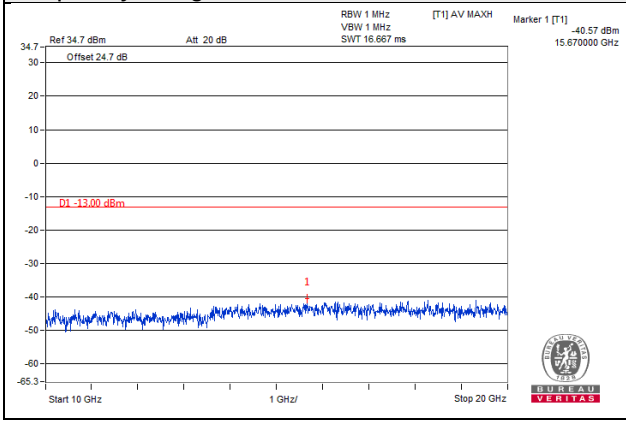
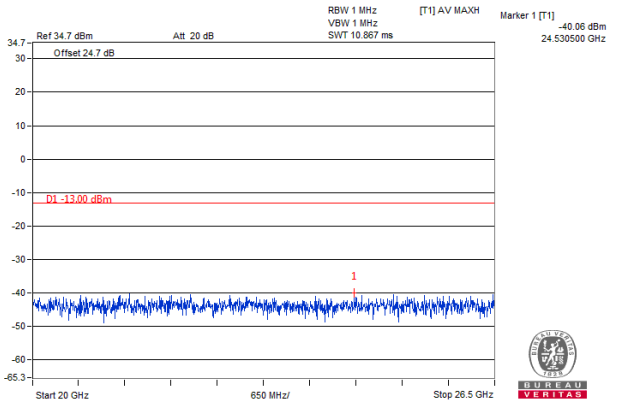
4.6.3 Test Procedure

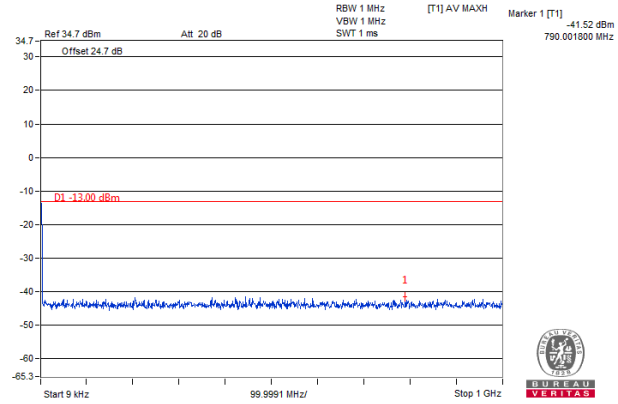
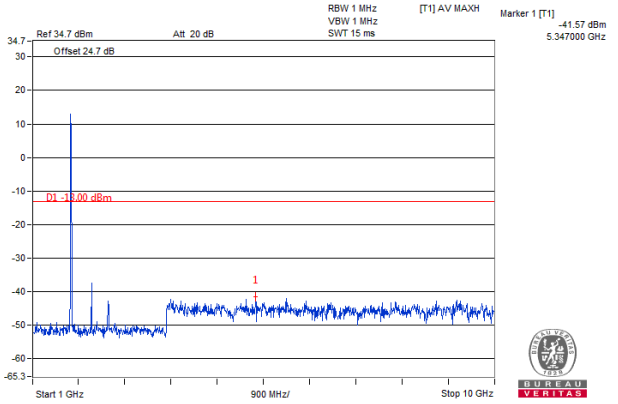
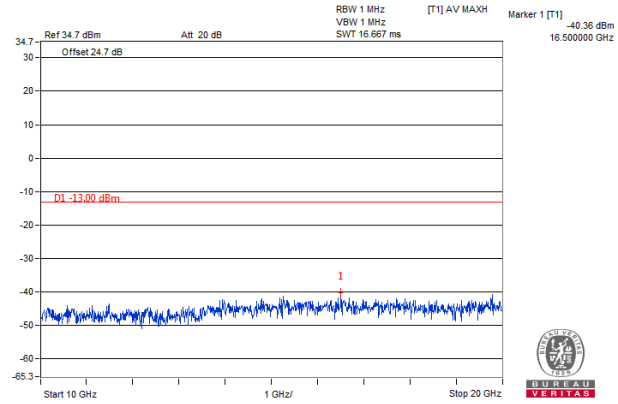
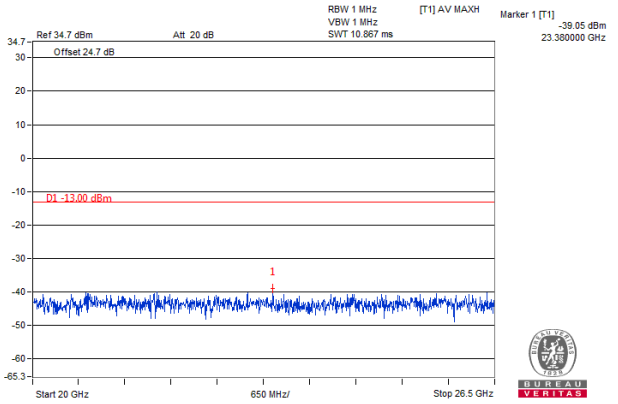
a. All measurements were done at middle operational frequency range.

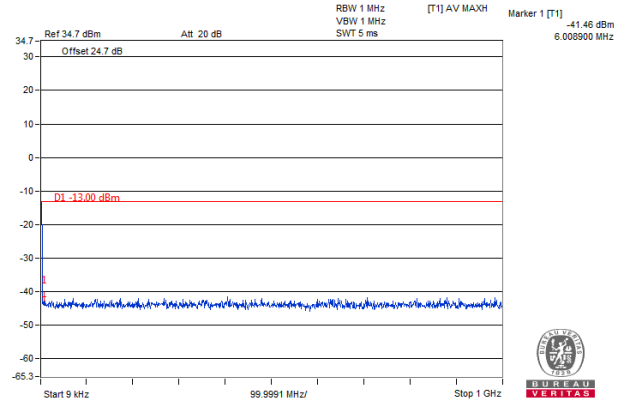
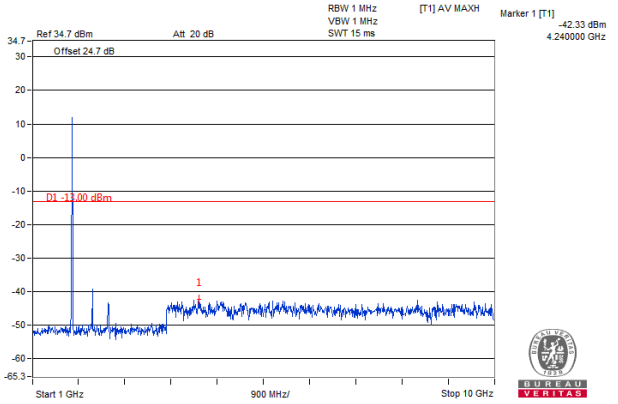
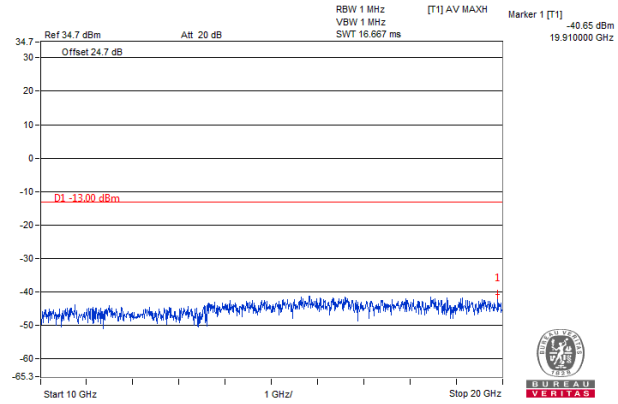
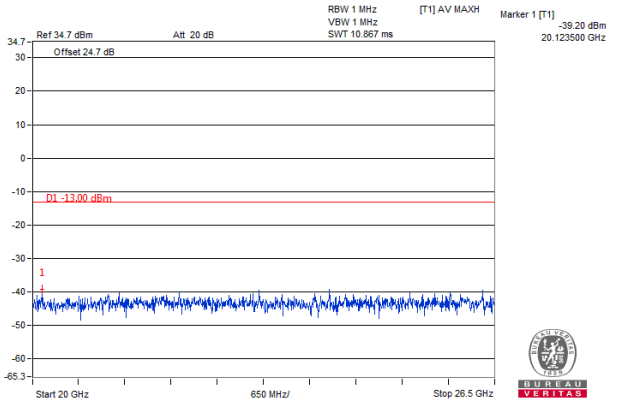
b. When the spectrum scanned from 9 kHz to suitable frequency, it shall be connected to the 20dB pad attenuated the carried frequency.

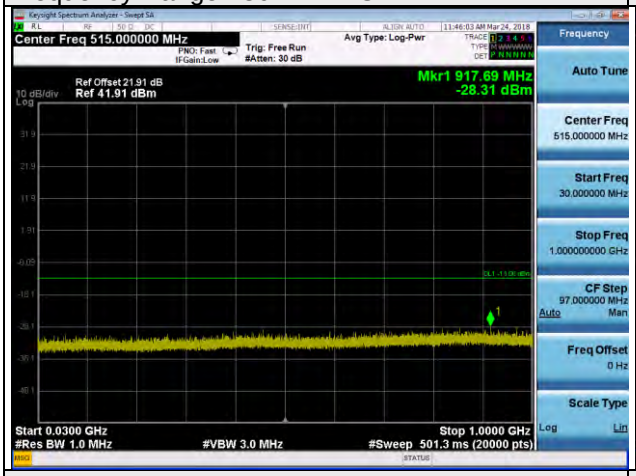
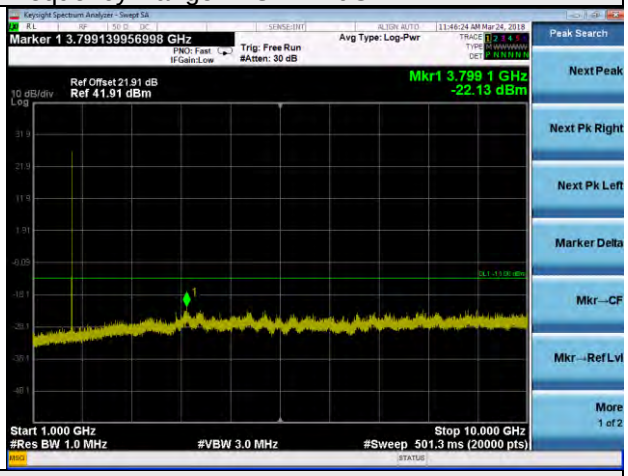
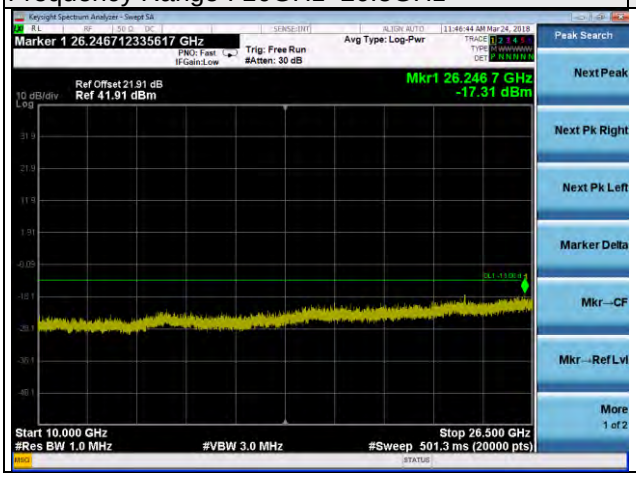
c. RBW=1MHz and VBW=1MHz is used for conducted emission measurement.

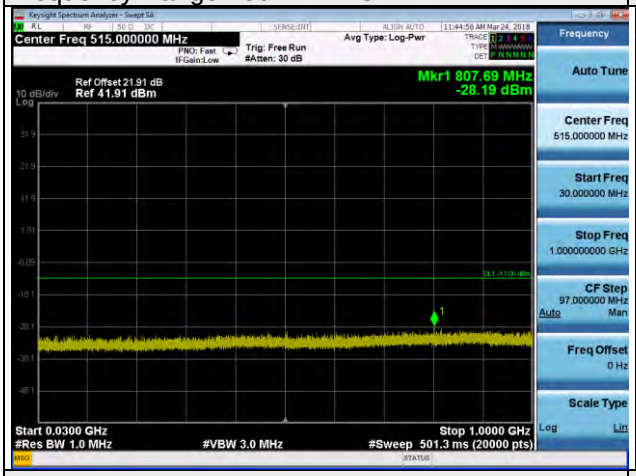
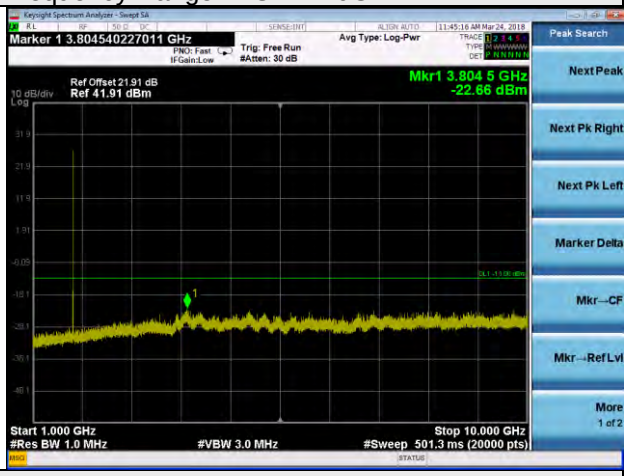
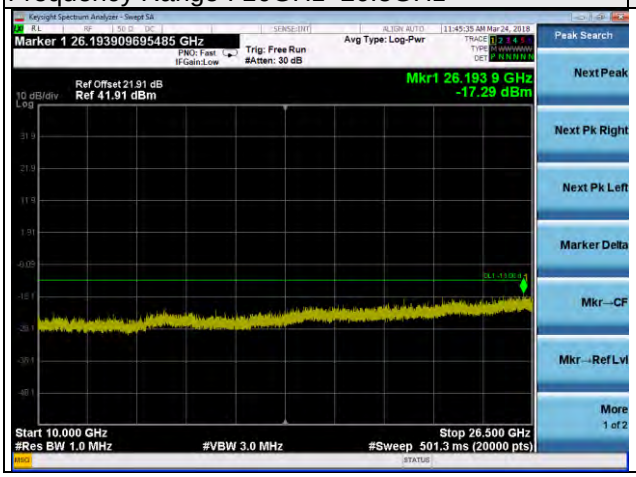
4.6.5 Test Results

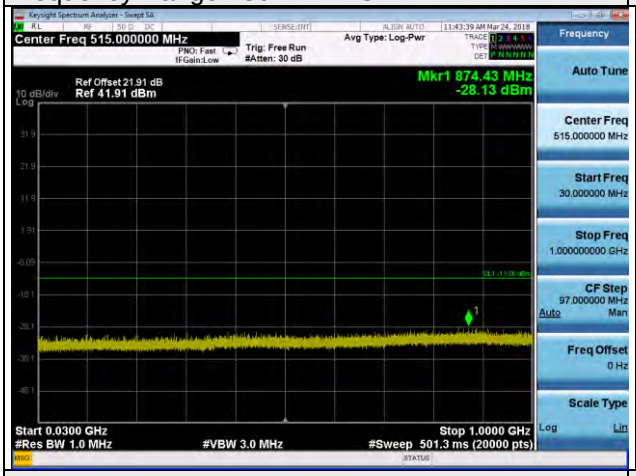
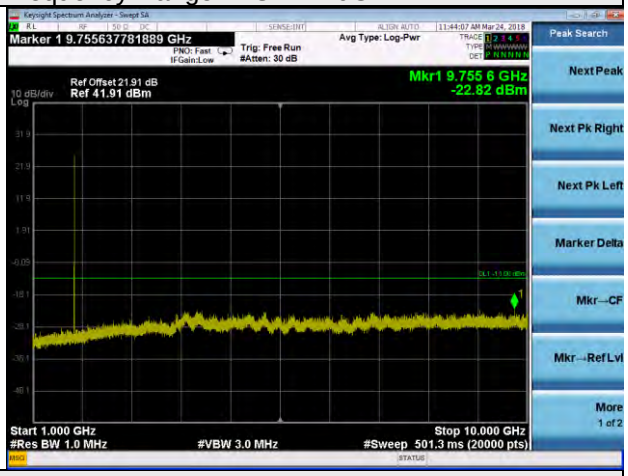
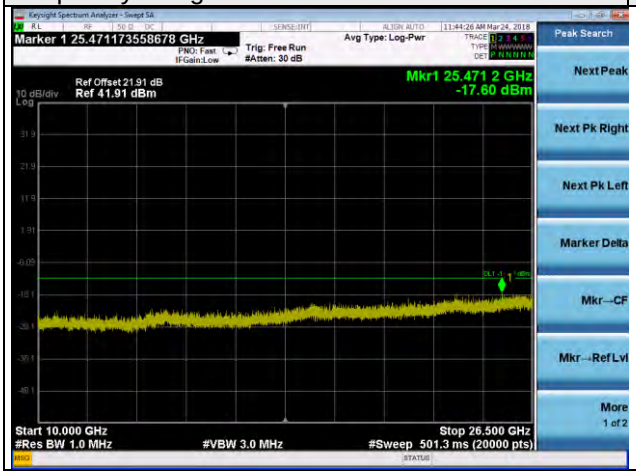
WCDMA	
Channel 1312	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	
Frequency Range : 10GHz~20GHz	Frequency Range : 20GHz~26.5GHz
	

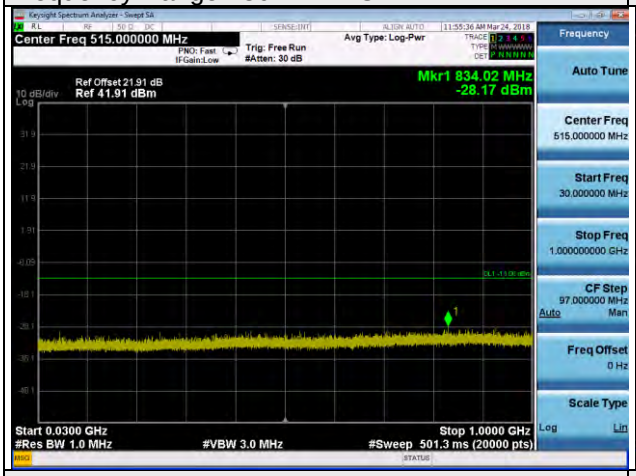
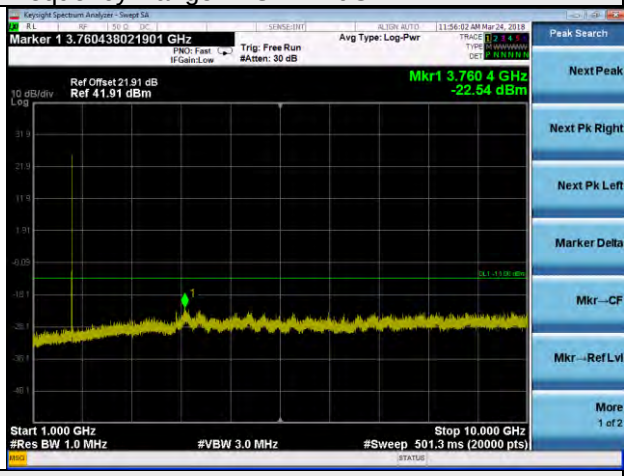
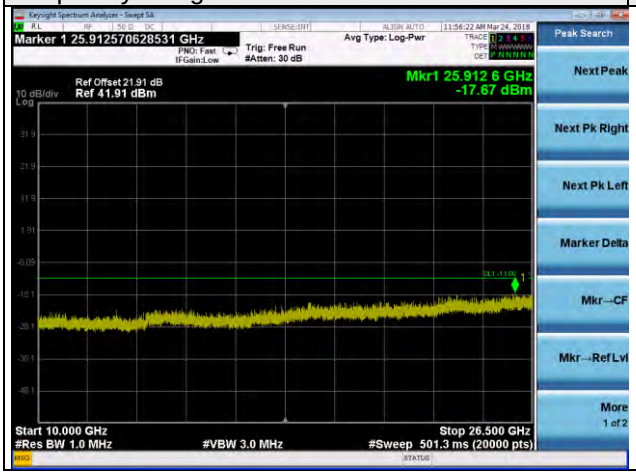
WCDMA	
Channel 1413	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	
Frequency Range : 10GHz~20GHz	Frequency Range : 20GHz~26.5GHz
	

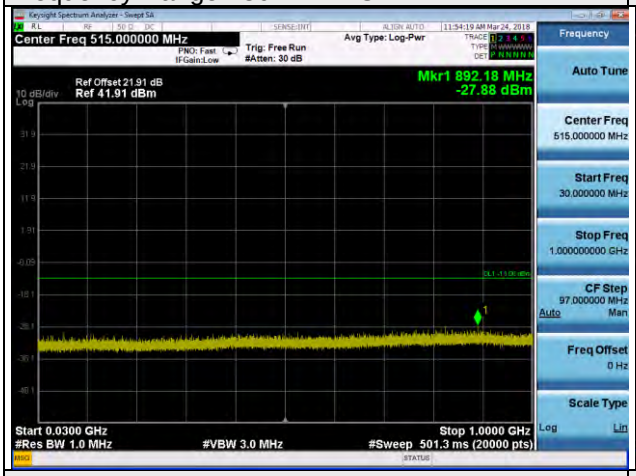
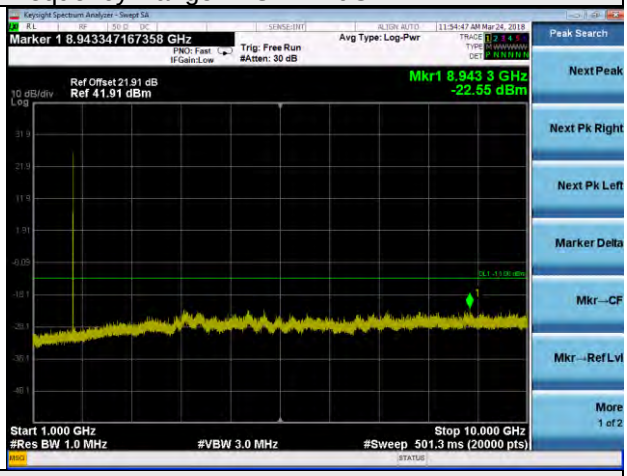
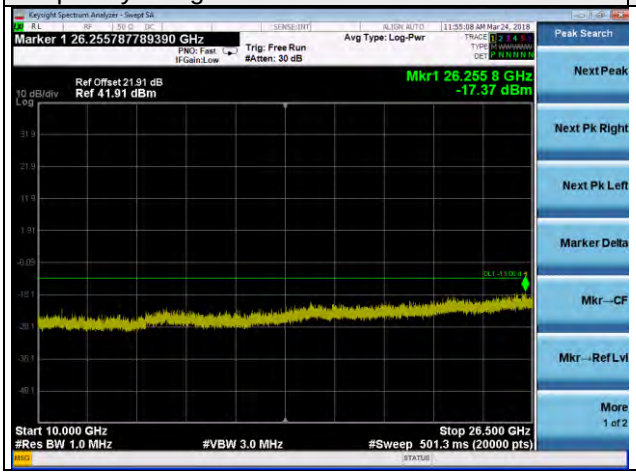
WCDMA	
Channel 1513	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	
Frequency Range : 10GHz~20GHz	Frequency Range : 20GHz~26.5GHz
	

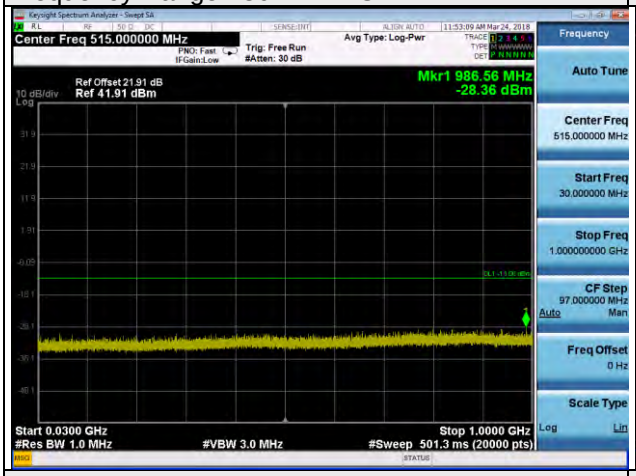
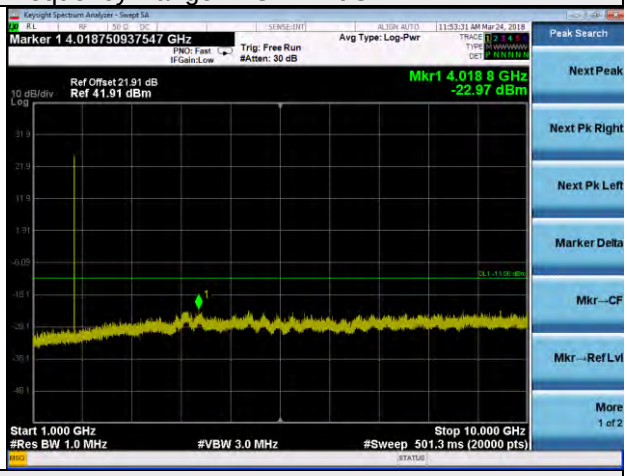
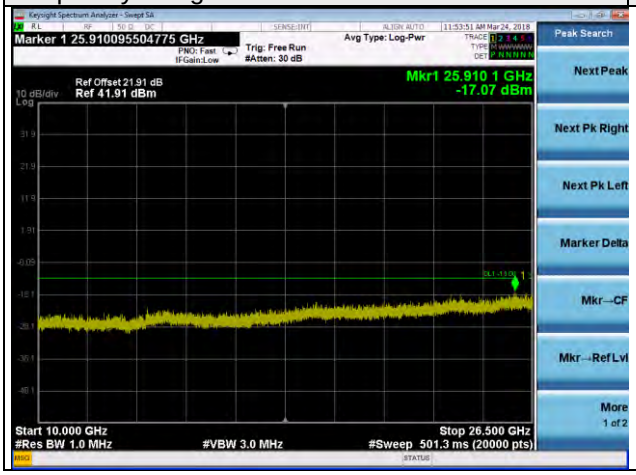
LTE Band 4 Channel Band width: 1.4MHz	
Channel 19957	
Frequency Range : 30MHz~1GHz	Frequency Range : 1GHz~10GHz
	
Frequency Range : 10GHz~26.5GHz	
	

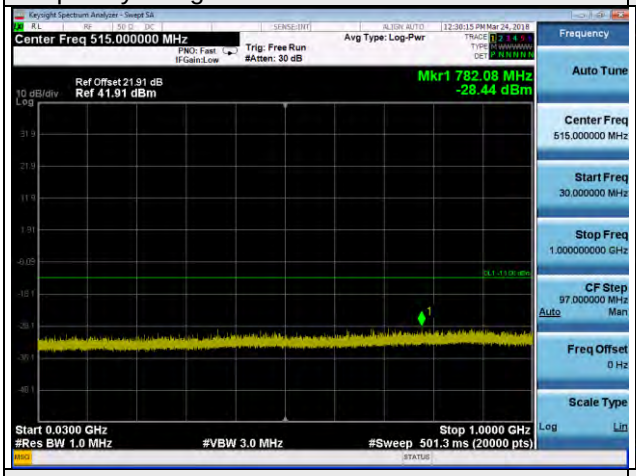
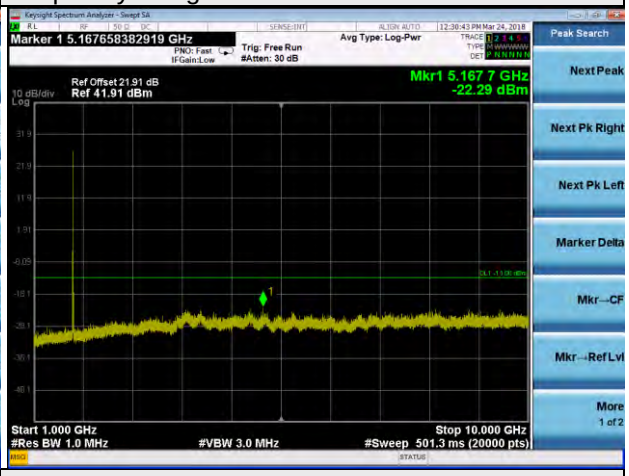
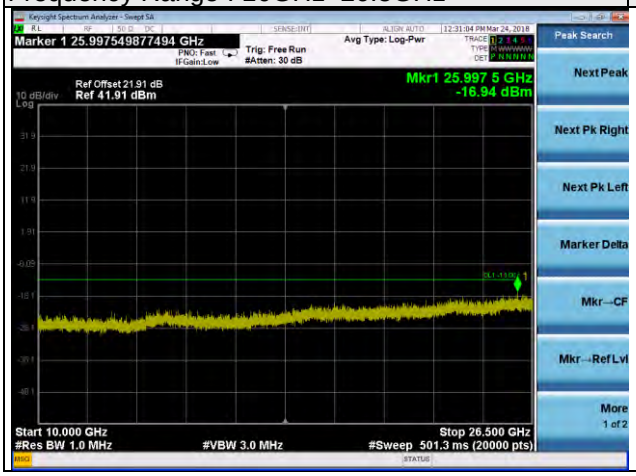
LTE Band 4 Channel Band width: 1.4MHz	
Channel 20175	
Frequency Range : 30MHz~1GHz	Frequency Range : 1GHz~10GHz
	
Frequency Range : 10GHz~26.5GHz	
	

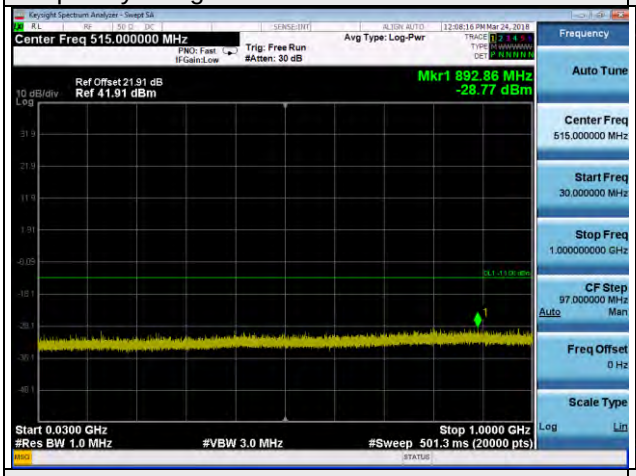
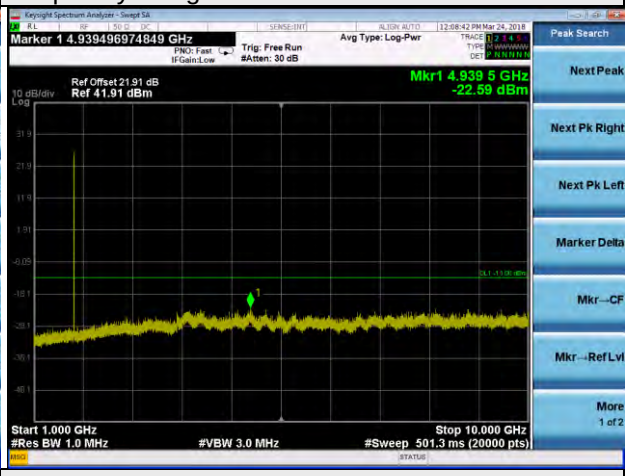
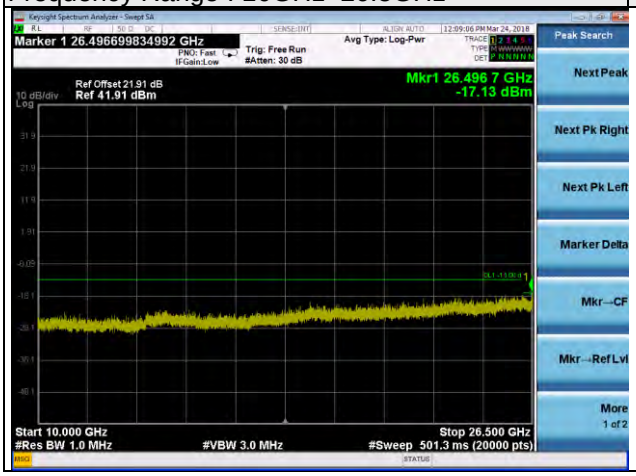
LTE Band 4 Channel Band width: 1.4MHz	
Channel 20393	
Frequency Range : 30MHz~1GHz	Frequency Range : 1GHz~10GHz
	
Frequency Range : 10GHz~26.5GHz	
	

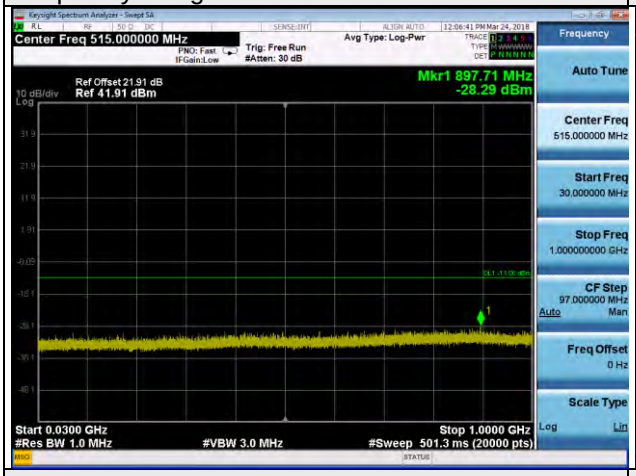
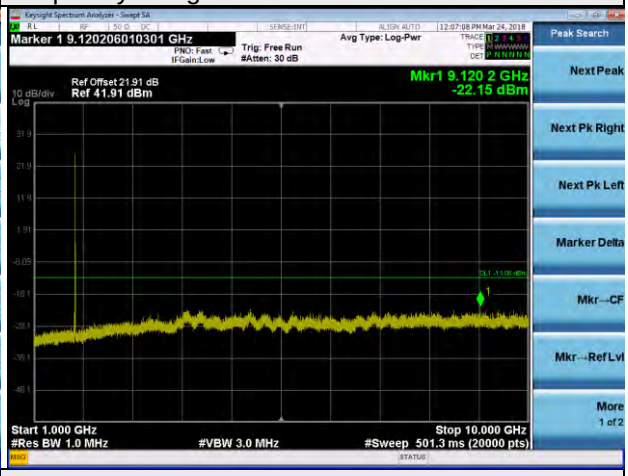
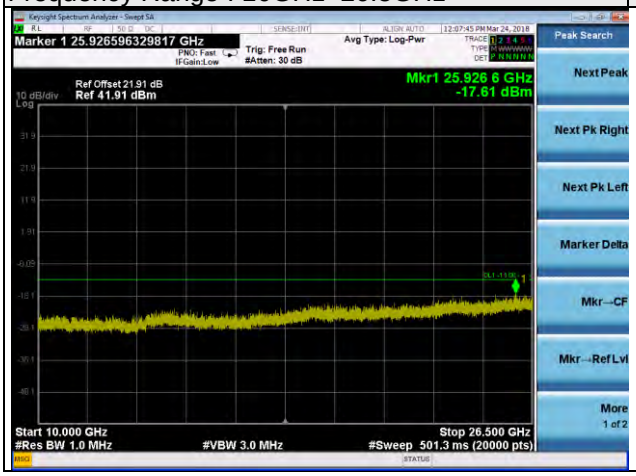
LTE Band 4 Channel Band width: 3MHz	
Channel 19965	
Frequency Range : 30MHz~1GHz	Frequency Range : 1GHz~10GHz
	
Frequency Range : 10GHz~26.5GHz	
	

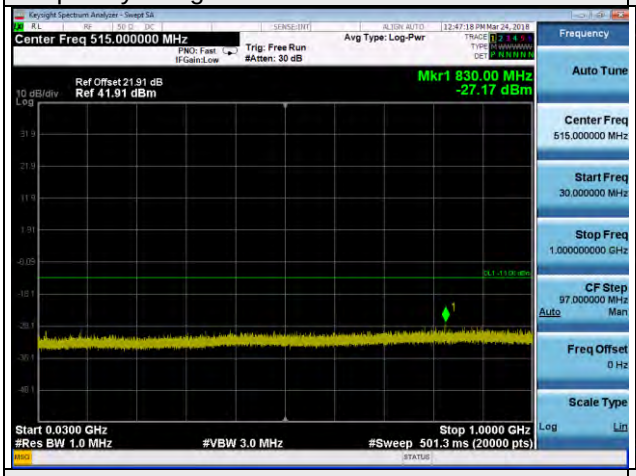
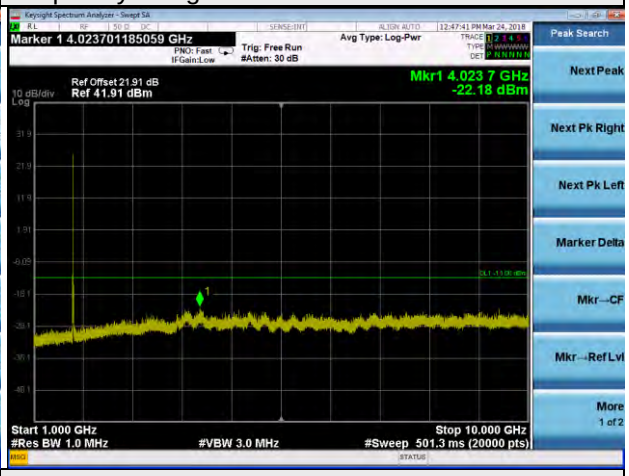
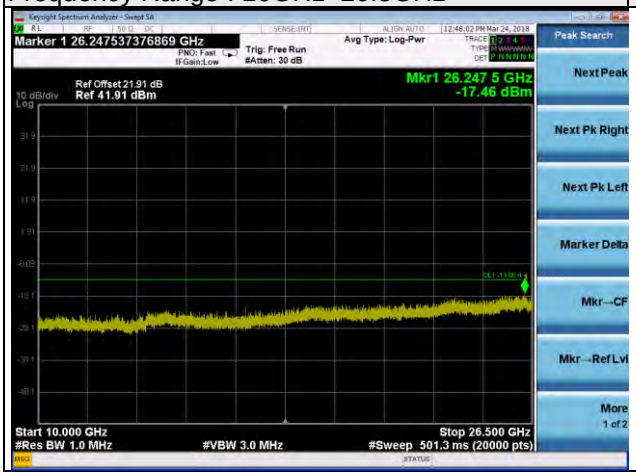
LTE Band 4 Channel Band width: 3MHz	
Channel 20175	
Frequency Range : 30MHz~1GHz	Frequency Range : 1GHz~10GHz
	
Frequency Range : 10GHz~26.5GHz	
	

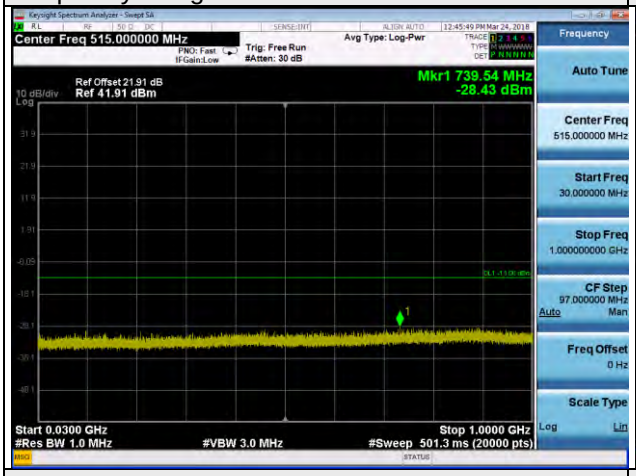
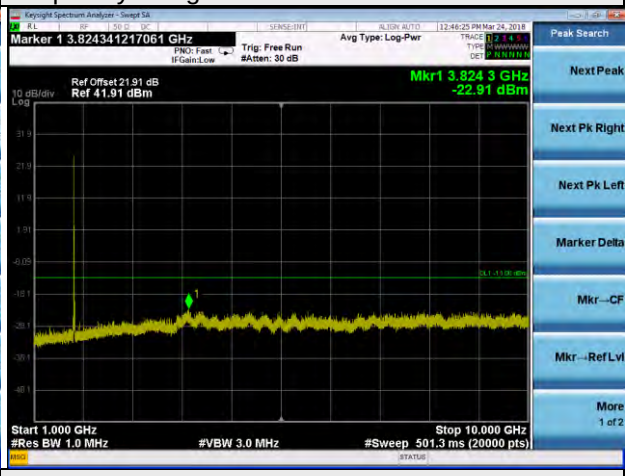
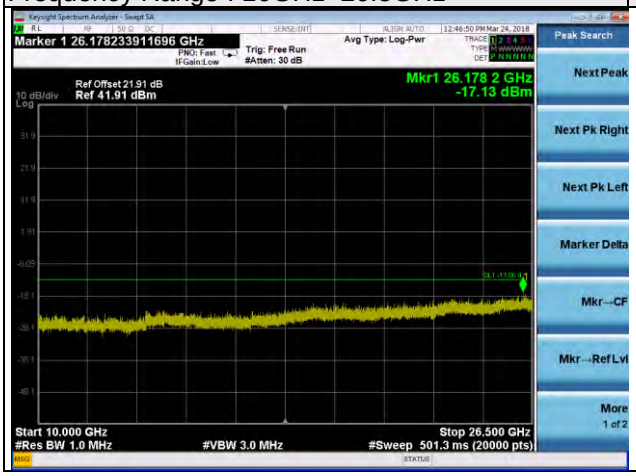
LTE Band 4 Channel Band width: 3MHz	
Channel 20385	
Frequency Range : 30MHz~1GHz	Frequency Range : 1GHz~10GHz
	
Frequency Range : 10GHz~26.5GHz	
	

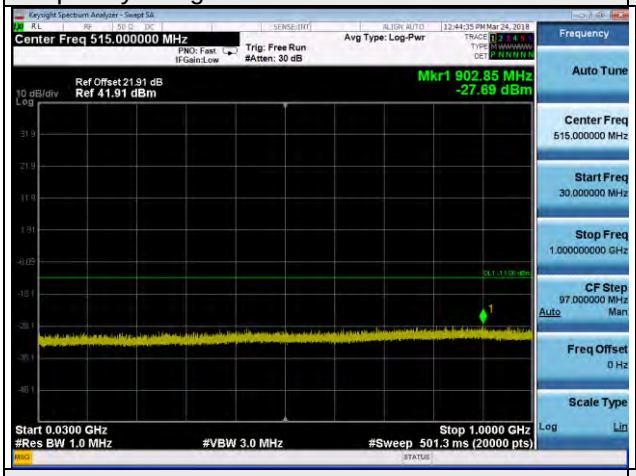
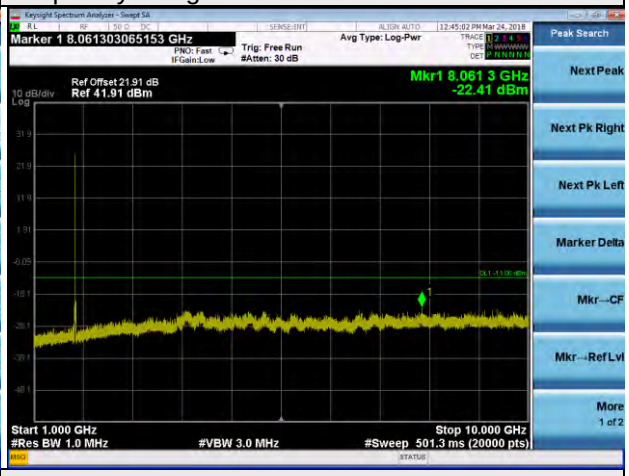
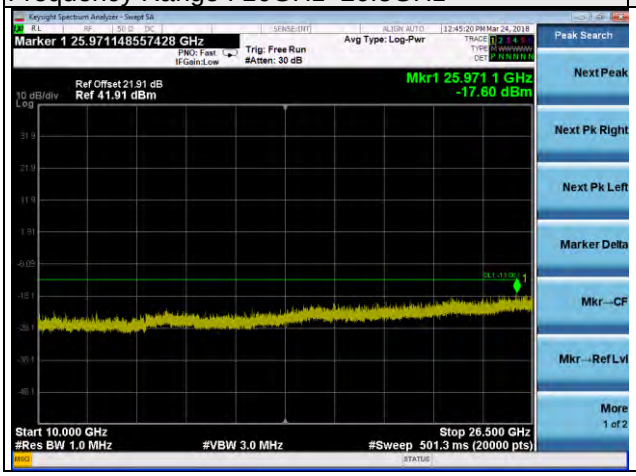
LTE Band 4 Channel Band width: 5MHz	
Channel 19975	
Frequency Range : 30MHz~1GHz	Frequency Range : 1GHz~10GHz
	
Frequency Range : 10GHz~26.5GHz	
	

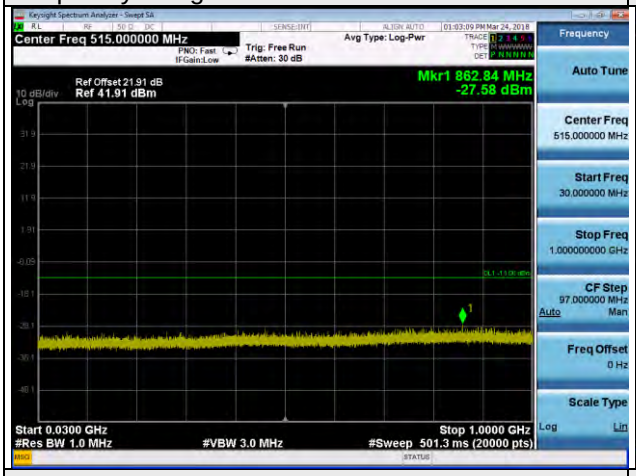
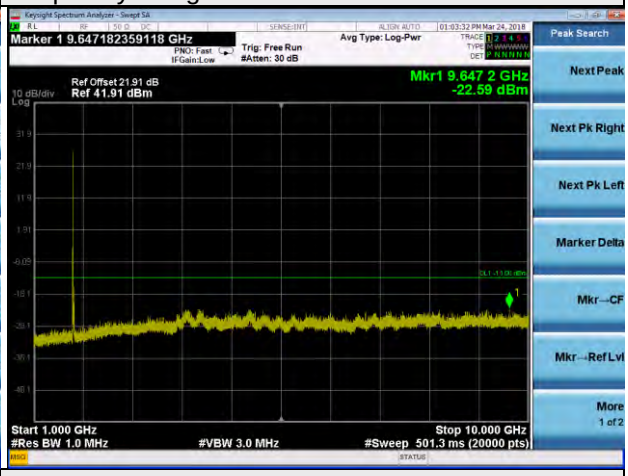
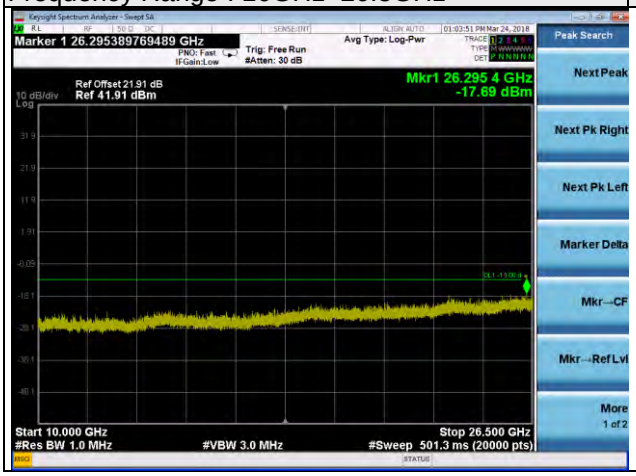
LTE Band 4 Channel Band width: 5MHz	
Channel 20175	
Frequency Range : 30MHz~1GHz	Frequency Range : 1GHz~10GHz
	
Frequency Range : 10GHz~26.5GHz	
	

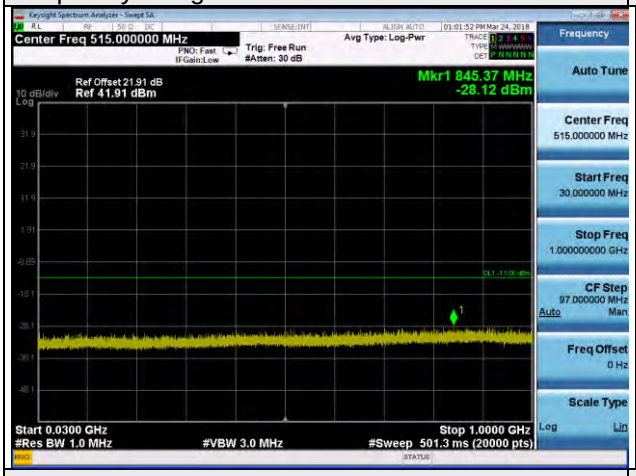
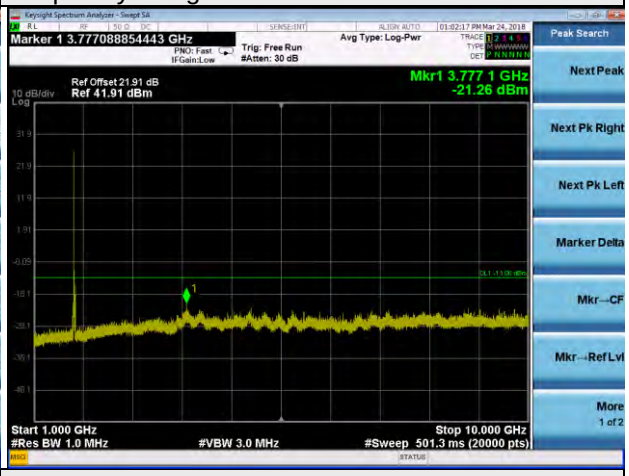
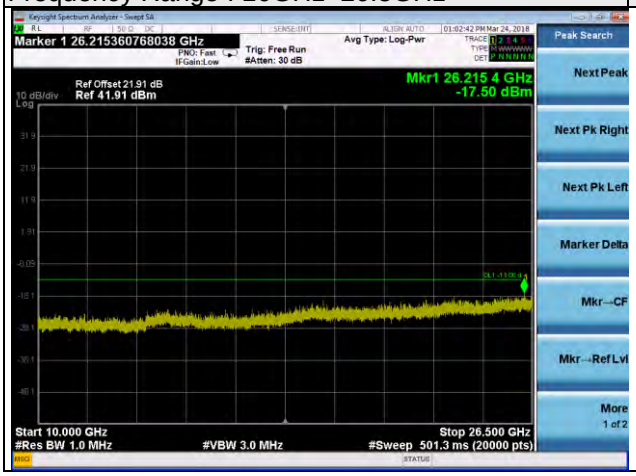
LTE Band 4 Channel Band width: 5MHz	
Channel 20375	
Frequency Range : 30MHz~1GHz	Frequency Range : 1GHz~10GHz
	
Frequency Range : 10GHz~26.5GHz	
	

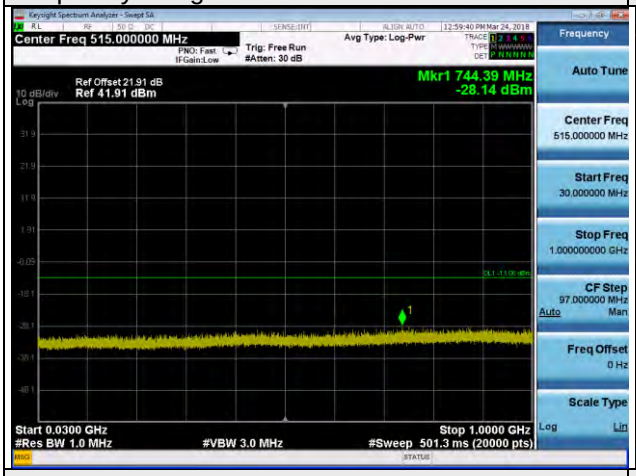
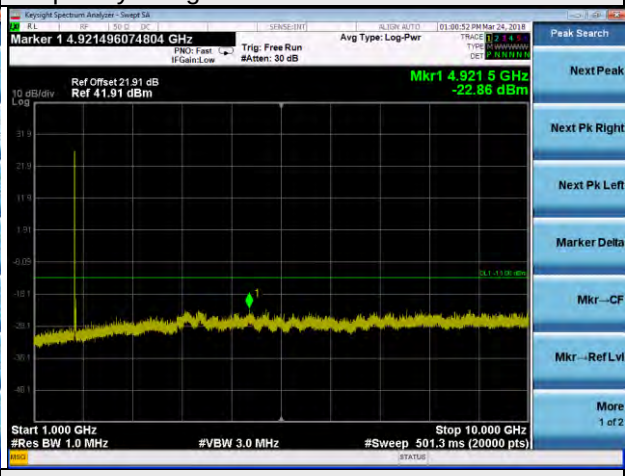
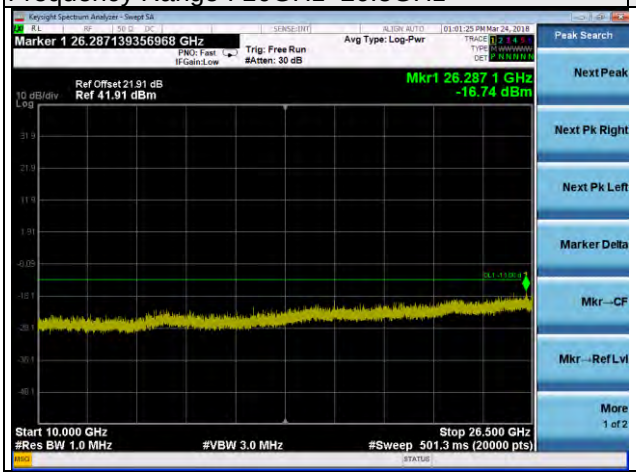
LTE Band 4 Channel Band width: 10MHz	
Channel 20000	
Frequency Range : 30MHz~1GHz	Frequency Range : 1GHz~10GHz
	
Frequency Range : 10GHz~26.5GHz	
	

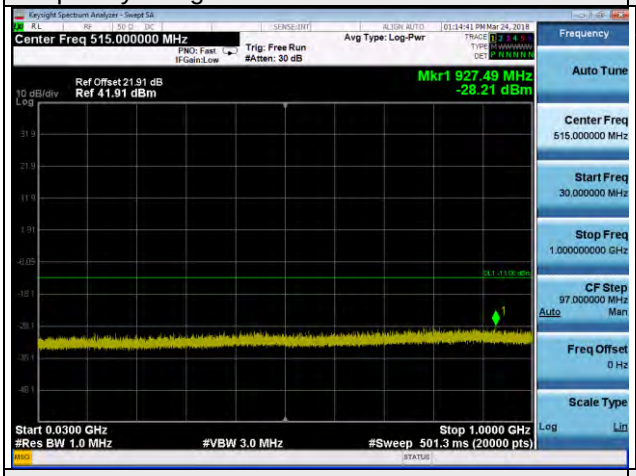
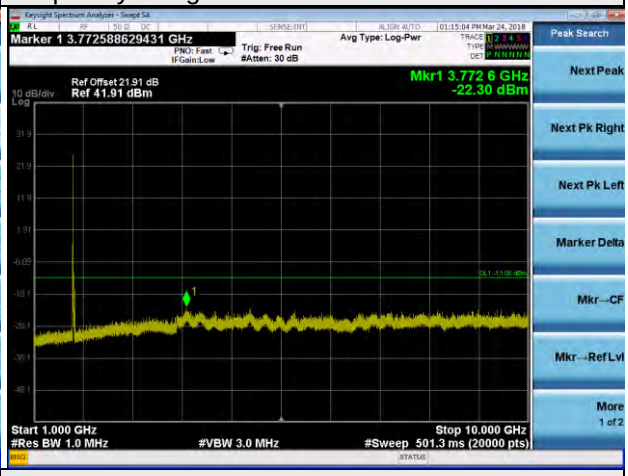
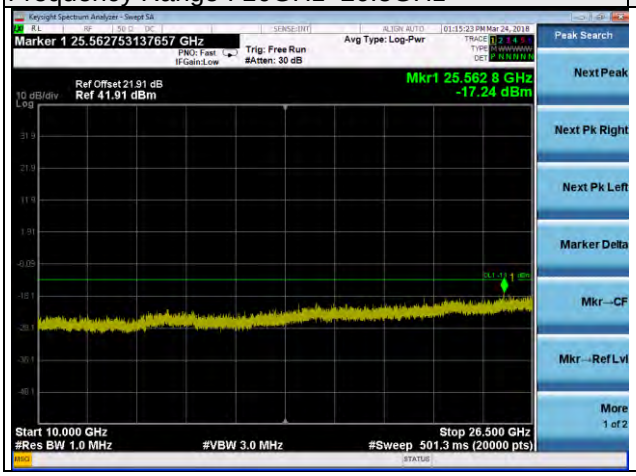
LTE Band 4 Channel Band width: 10MHz	
Channel 20175	
Frequency Range : 30MHz~1GHz	Frequency Range : 1GHz~10GHz
	
Frequency Range : 10GHz~26.5GHz	
	

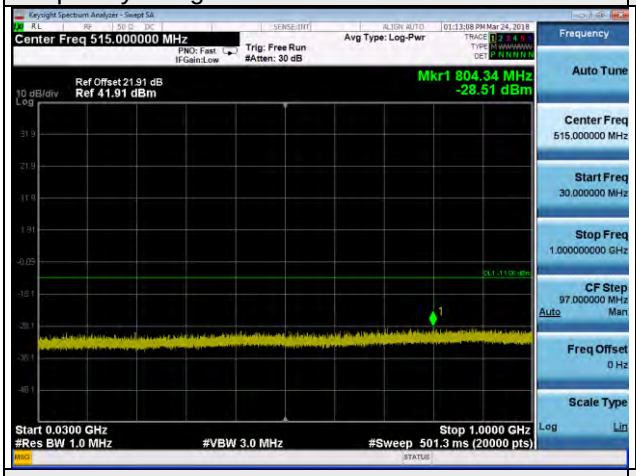
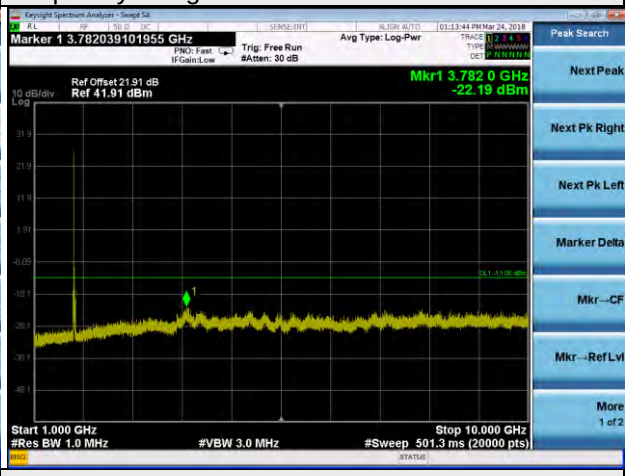
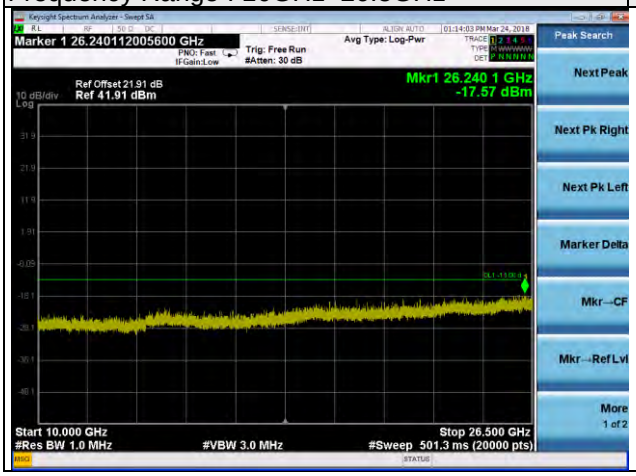
LTE Band 4 Channel Band width: 10MHz	
Channel 20350	
Frequency Range : 30MHz~1GHz	Frequency Range : 1GHz~10GHz
	
Frequency Range : 10GHz~26.5GHz	
	

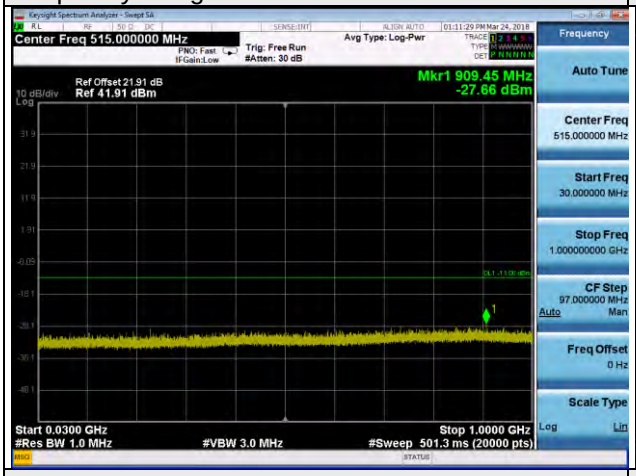
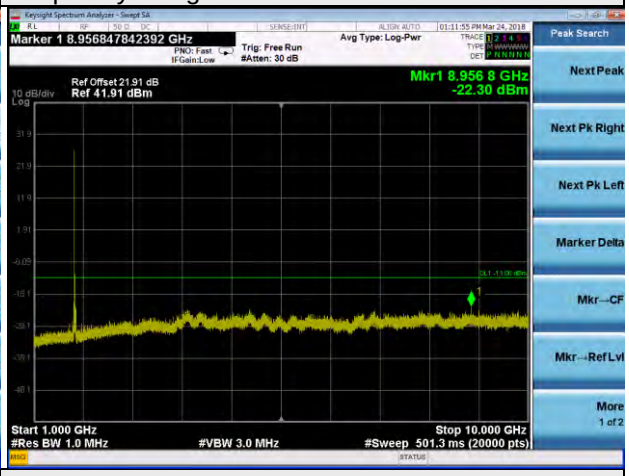
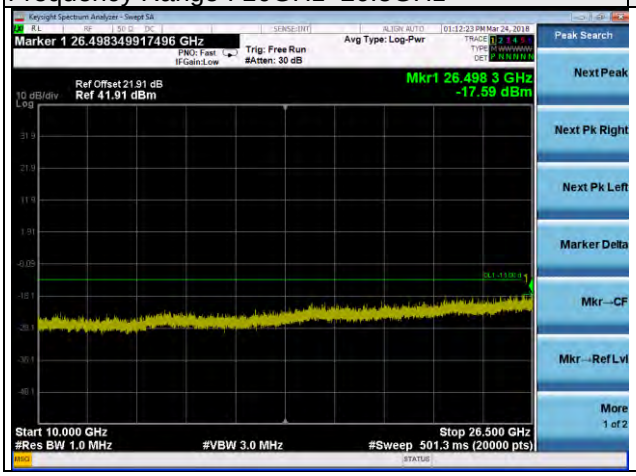
LTE Band 4 Channel Band width: 15MHz	
Channel 20025	
Frequency Range : 30MHz~1GHz	Frequency Range : 1GHz~10GHz
	
Frequency Range : 10GHz~26.5GHz	
	

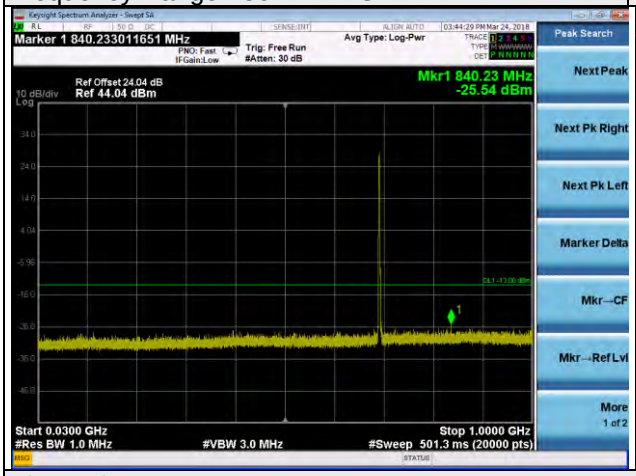
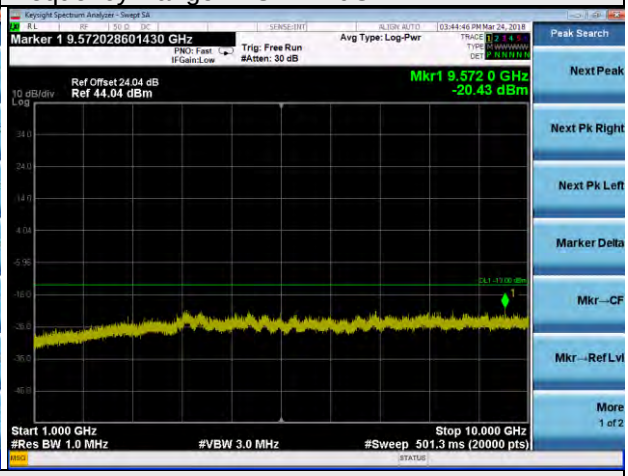
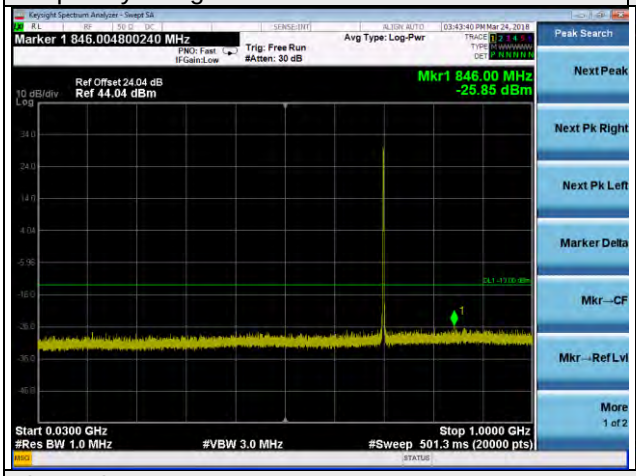
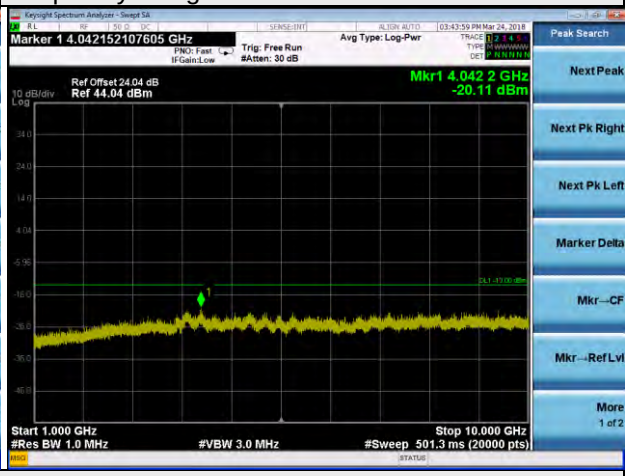
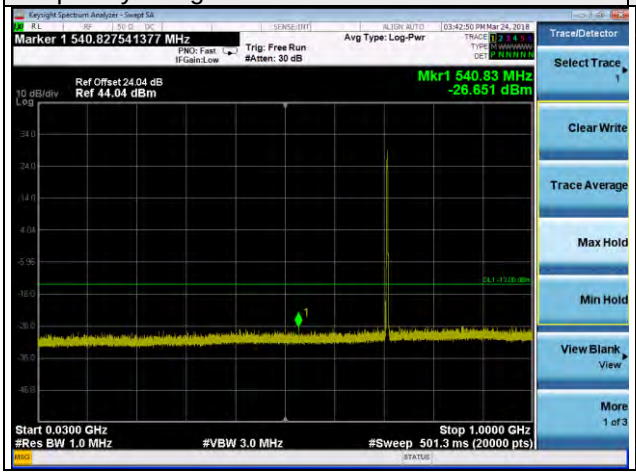
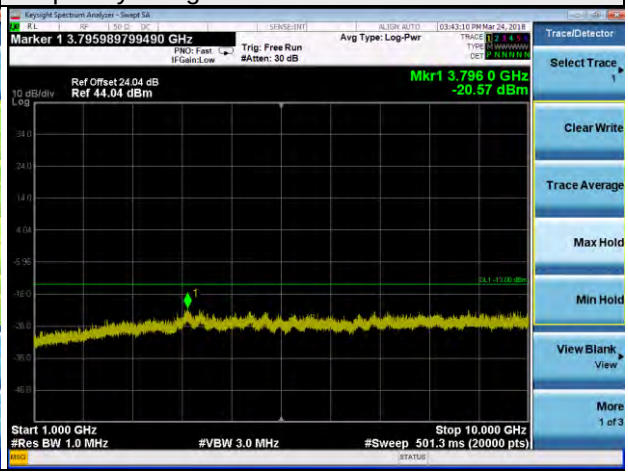
LTE Band 4 Channel Band width: 15MHz	
Channel 20175	
Frequency Range : 30MHz~1GHz	Frequency Range : 1GHz~10GHz
	
Frequency Range : 10GHz~26.5GHz	
	

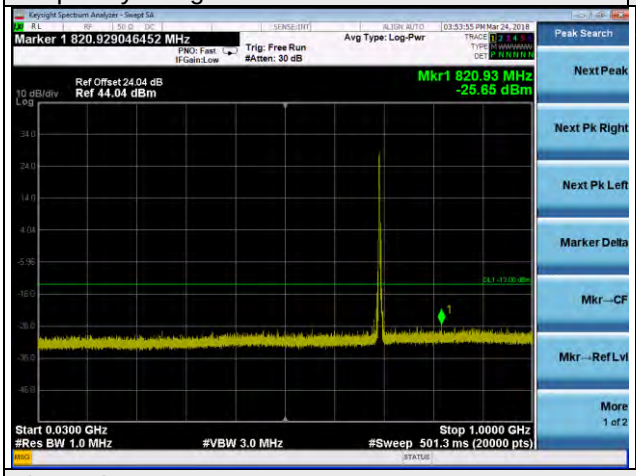
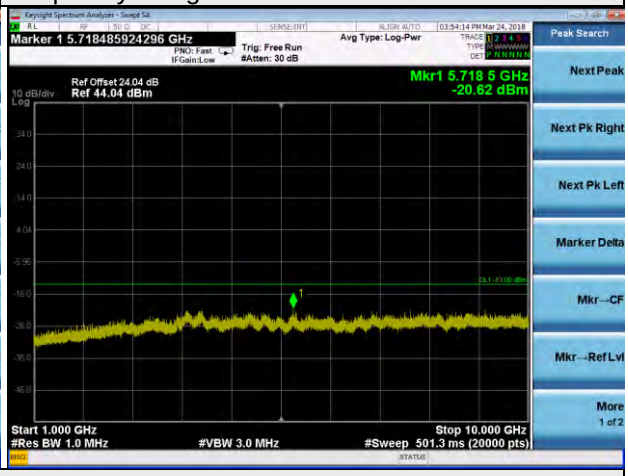
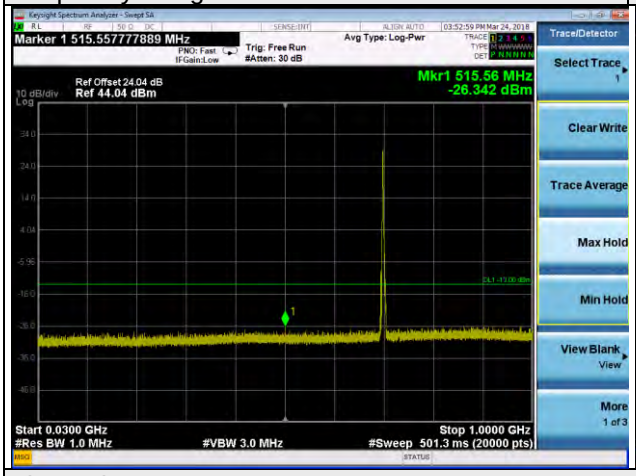
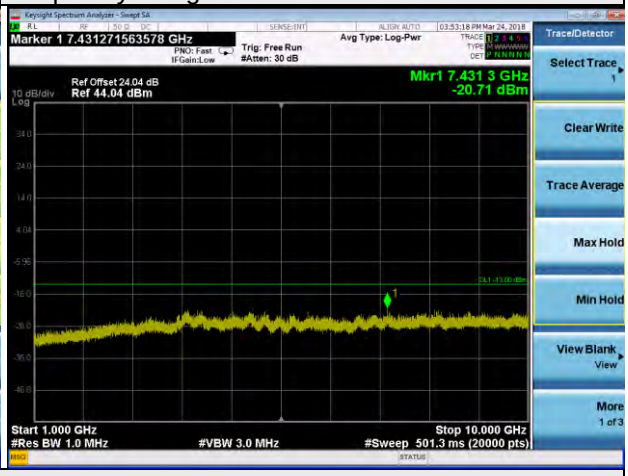
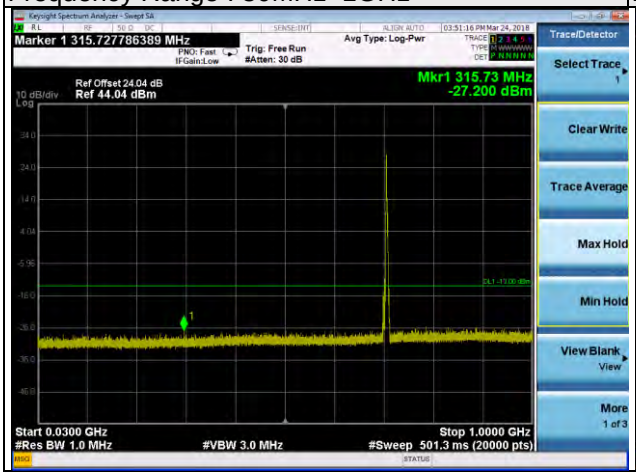
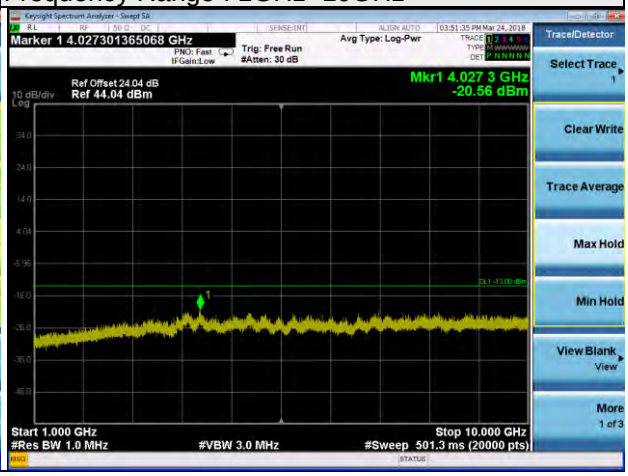
LTE Band 4 Channel Band width: 15MHz	
Channel 20325	
Frequency Range : 30MHz~1GHz	Frequency Range : 1GHz~10GHz
	
Frequency Range : 10GHz~26.5GHz	
	

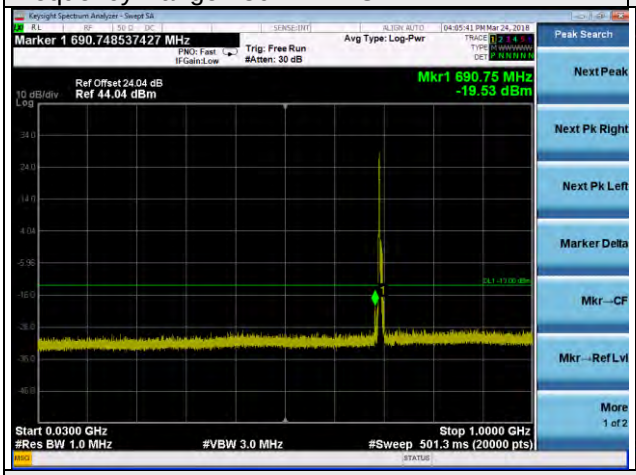
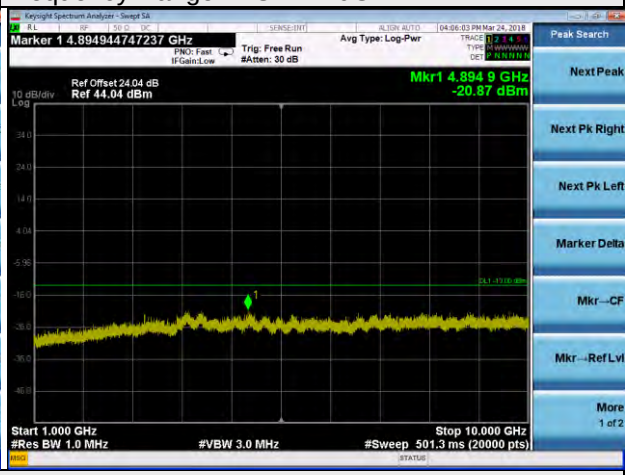
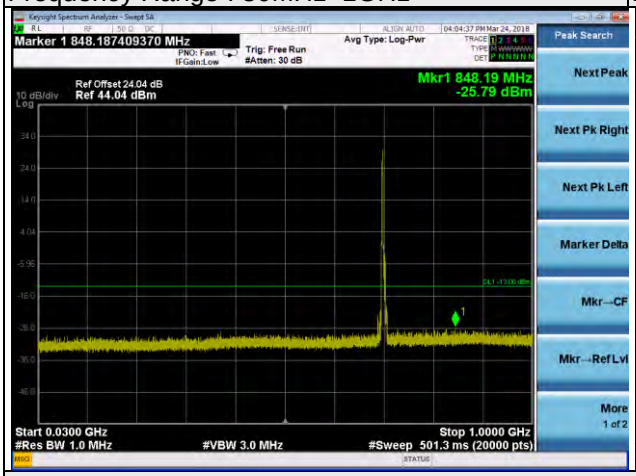
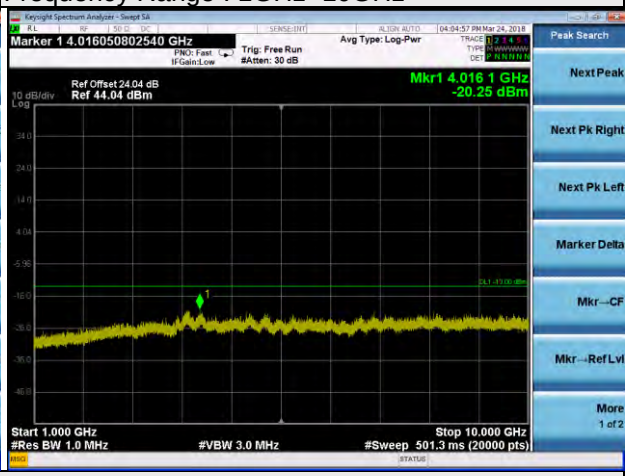
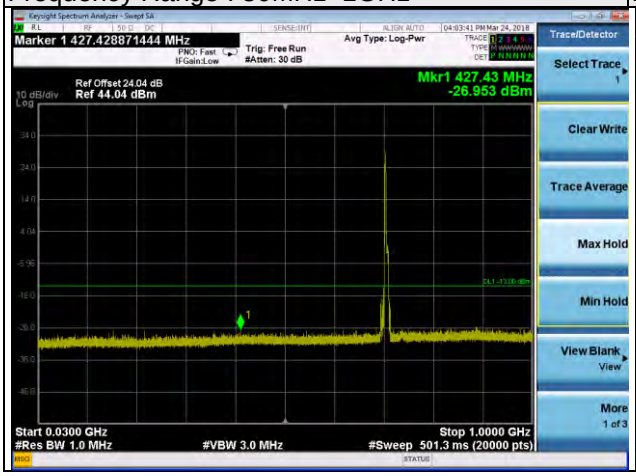
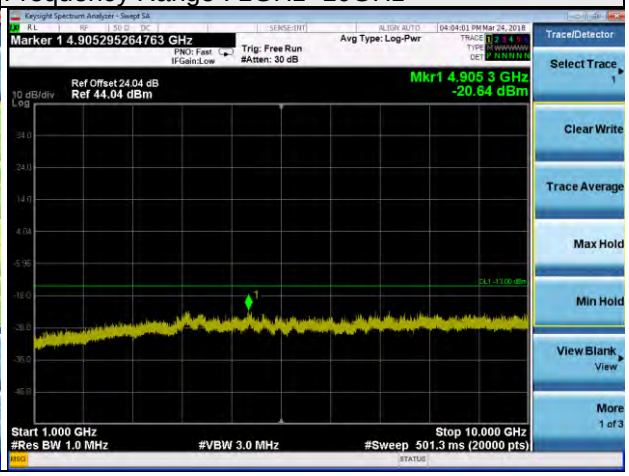
LTE Band 4 Channel Band width: 20MHz	
Channel 20050	
Frequency Range : 30MHz~1GHz	Frequency Range : 1GHz~10GHz
	
Frequency Range : 10GHz~26.5GHz	
	

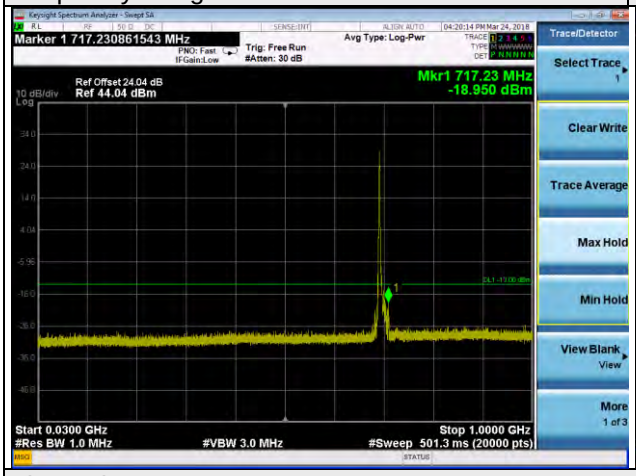
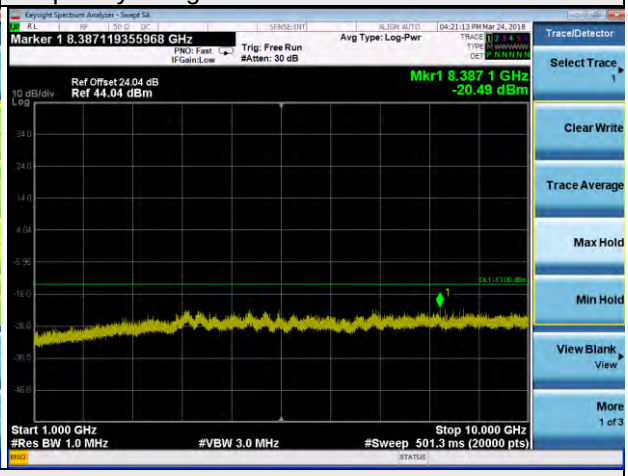
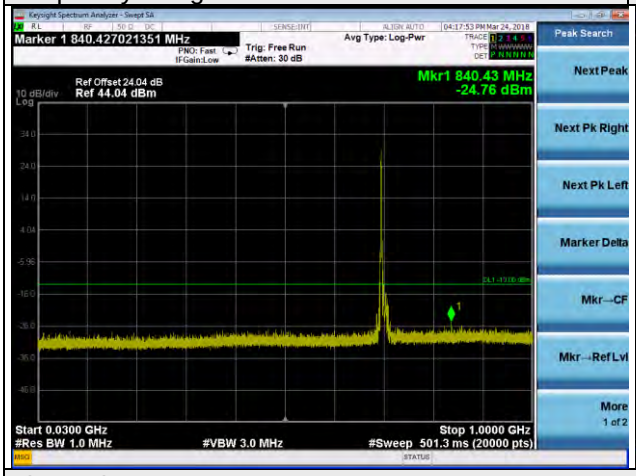
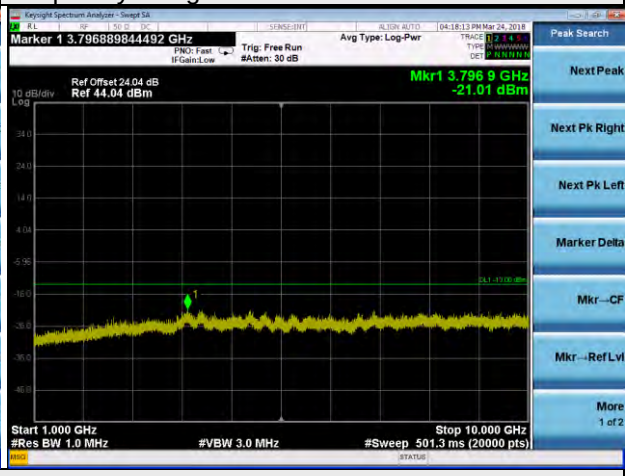
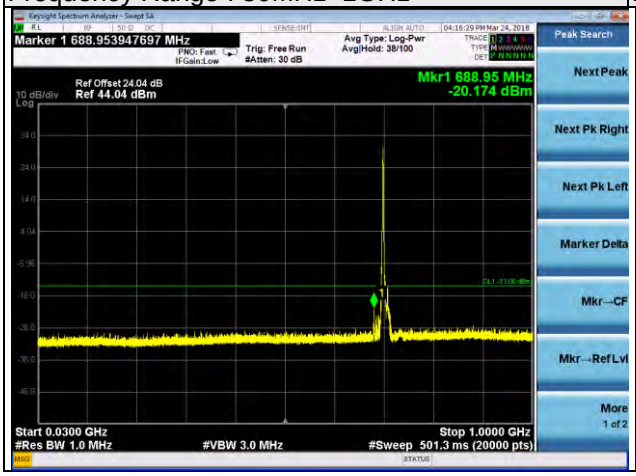
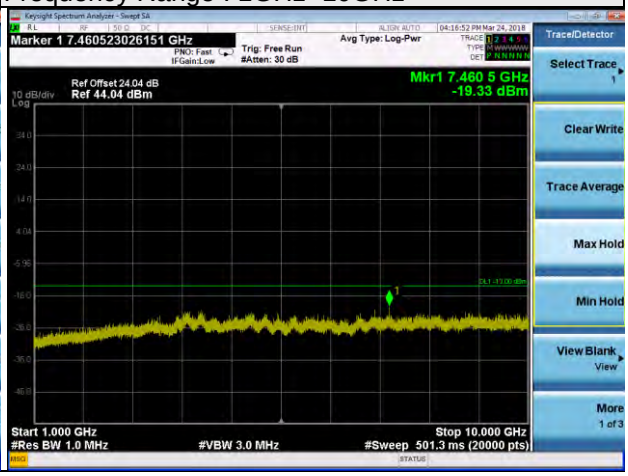
LTE Band 4 Channel Band width: 20MHz	
Channel 20175	
Frequency Range : 30MHz~1GHz	Frequency Range : 1GHz~10GHz
	
Frequency Range : 10GHz~26.5GHz	
	

LTE Band 4 Channel Band width: 20MHz	
Channel 20300	
Frequency Range : 30MHz~1GHz	Frequency Range : 1GHz~10GHz
	
Frequency Range : 10GHz~26.5GHz	
	

LTE Band 12 Channel Band width: 1.4MHz	
Channel 23017	
Frequency Range : 30MHz~1GHz	Frequency Range : 1GHz~10GHz
	
Channel 23095	
Frequency Range : 30MHz~1GHz	Frequency Range : 1GHz~10GHz
	
Channel 23173	
Frequency Range : 30MHz~1GHz	Frequency Range : 1GHz~10GHz
	

LTE Band 12 Channel Band width: 3MHz	
Channel 23025	
Frequency Range : 30MHz~1GHz	Frequency Range : 1GHz~10GHz
	
Channel 23095	
Frequency Range : 30MHz~1GHz	Frequency Range : 1GHz~10GHz
	
Channel 23165	
Frequency Range : 30MHz~1GHz	Frequency Range : 1GHz~10GHz
	

LTE Band 12 Channel Band width: 5MHz	
Channel 23035	
Frequency Range : 30MHz~1GHz	Frequency Range : 1GHz~10GHz
	
Channel 23095	
Frequency Range : 30MHz~1GHz	Frequency Range : 1GHz~10GHz
	
Channel 23155	
Frequency Range : 30MHz~1GHz	Frequency Range : 1GHz~10GHz
	

LTE Band 12 Channel Band width: 10MHz	
Channel 23060	
Frequency Range : 30MHz~1GHz	Frequency Range : 1GHz~10GHz
	
Channel 23095	
Frequency Range : 30MHz~1GHz	Frequency Range : 1GHz~10GHz
	
Channel 23130	
Frequency Range : 30MHz~1GHz	Frequency Range : 1GHz~10GHz
	

4.7 Radiated Emission Measurement

4.7.1 Limits of Radiated Emission Measurement

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

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

4.7.2 Test Procedure

a. The power was measured with Spectrum Analyzer. All measurements were done at 3 channels (low, middle and high channel of operational frequency range.)

b. Substitution method is used for EIRP measurement. In the semi-anechoic chamber, EUT placed on the 0.8m/1.5m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The “Read Value” is the spectrum reading the maximum power value.

c. The substitution antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to “Read Value “ of step b. Record the power level of S.G

d. EIRP = Output power level of S.G – TX cable loss + Antenna gain of substitution antenna.

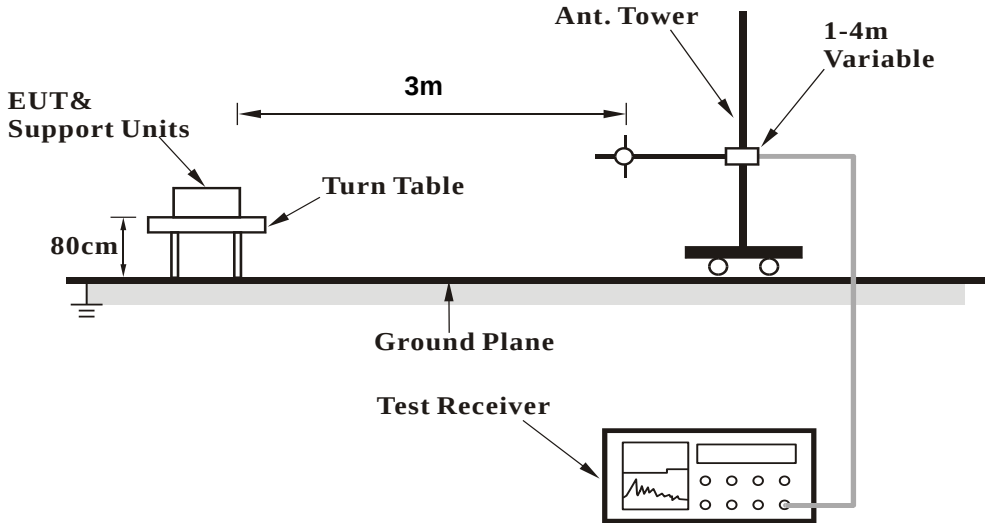
NOTE: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/1MHz.

4.7.3 Deviation from Test Standard

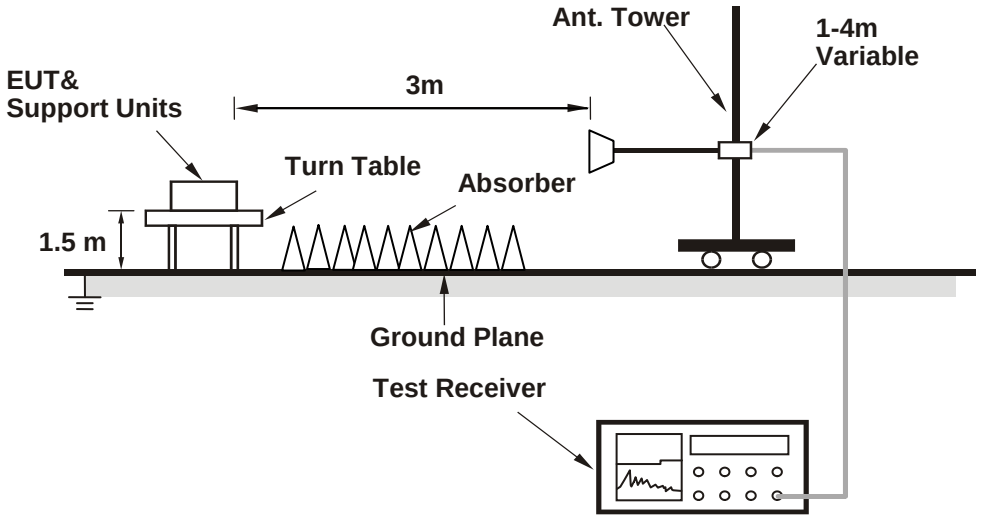
No deviation.

4.7.4 Test Setup

<Frequency Range below 1GHz>



<Frequency Range above 1GHz>



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

4.7.5 Test Results

Below 1GHz

WCDMA:

Mode	TX channel 1312	Frequency Range	Below 1000 MHz

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	73.3	27.47	-68.10	-2.27	-70.37	-13	-57.37
2	137.36	28.07	-67.14	-1.45	-68.59	-13	-55.59
3	303.07	29.26	-66.53	3.71	-62.82	-13	-49.82
4	332.88	34.43	-63.44	3.60	-59.84	-13	-46.84
5	346.52	41.33	-56.54	3.60	-52.94	-13	-39.94
6	910.75	35.91	-62.65	0.45	-62.21	-13	-49.21
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	39.41	27.36	-45.86	-13.58	-59.44	-13	-46.44
2	74.21	28.09	-67.36	-2.23	-69.59	-13	-56.59
3	352.22	36.84	-61.02	3.59	-57.44	-13	-44.44
4	464.45	30.12	-67.20	2.83	-64.37	-13	-51.37
5	495.03	31.98	-63.61	2.93	-60.67	-13	-47.67
6	887.1	32.34	-66.58	0.54	-66.04	-13	-53.04

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 1413	Frequency Range	Below 1000 MHz

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	74.36	27.84	-67.73	-2.27	-70.00	-13	-57.00
2	137.78	28.67	-66.54	-1.45	-67.99	-13	-54.99
3	302.83	28.73	-67.06	3.71	-63.35	-13	-50.35
4	332.63	35.27	-62.60	3.60	-59.00	-13	-46.00
5	346.46	40.89	-56.98	3.60	-53.38	-13	-40.38
6	911.45	36.03	-62.53	0.45	-62.09	-13	-49.09
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	39.71	26.70	-46.52	-13.58	-60.10	-13	-47.10
2	75.27	28.35	-67.10	-2.23	-69.33	-13	-56.33
3	351.53	36.18	-61.68	3.59	-58.10	-13	-45.10
4	463.89	31.09	-66.23	2.83	-63.40	-13	-50.40
5	495.97	30.64	-64.95	2.93	-62.01	-13	-49.01
6	887.69	31.87	-67.05	0.54	-66.51	-13	-53.51

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 1513	Frequency Range	Below 1000 MHz

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	73.77	29.24	-66.33	-2.27	-68.60	-13	-55.60
2	138.13	28.26	-66.95	-1.45	-68.40	-13	-55.40
3	302.69	29.68	-66.11	3.71	-62.40	-13	-49.40
4	331.78	34.11	-63.76	3.60	-60.16	-13	-47.16
5	345.88	39.41	-58.46	3.60	-54.86	-13	-41.86
6	912.14	36.25	-62.31	0.45	-61.87	-13	-48.87
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	40.32	26.05	-47.17	-13.58	-60.75	-13	-47.75
2	75.88	28.47	-66.98	-2.23	-69.21	-13	-56.21
3	351.91	35.94	-61.92	3.59	-58.34	-13	-45.34
4	465.22	31.74	-65.58	2.83	-62.75	-13	-49.75
5	495.08	30.72	-64.87	2.93	-61.93	-13	-48.93
6	886.49	32.66	-66.26	0.54	-65.72	-13	-52.72

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

LTE Band 4: 1.4MHz

Mode	TX channel 19957	Frequency Range	Below 1000 MHz

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	85.45	34.93	-56.98	-1.04	-58.03	-13	-45.03
2	136.9	35.54	-59.82	3.84	-55.98	-13	-42.98
3	289.33	34.02	-61.45	3.78	-57.66	-13	-44.66
4	345.82	33.72	-63.97	3.61	-60.36	-13	-47.36
5	471.94	34.98	-62.20	2.84	-59.36	-13	-46.36
6	737.06	30.51	-65.86	1.02	-64.83	-13	-51.83
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	68.65	28.10	-59.53	-4.91	-64.44	-13	-51.44
2	94.06	32.34	-59.46	-1.00	-60.47	-13	-47.47
3	129.64	25.49	-65.86	-1.23	-67.10	-13	-54.10
4	236.74	30.09	-65.27	3.82	-61.45	-13	-48.45
5	509.41	32.26	-63.13	2.81	-60.32	-13	-47.32
6	610.49	32.42	-62.27	1.78	-60.49	-13	-47.49

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 20175	Frequency Range	Below 1000 MHz

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	85.6	34.58	-57.33	-1.04	-58.38	-13	-45.38
2	138.61	35.02	-60.34	3.84	-56.50	-13	-43.50
3	288.32	33.52	-61.95	3.78	-58.16	-13	-45.16
4	345.2	33.82	-63.87	3.61	-60.26	-13	-47.26
5	471.2	35.06	-62.12	2.84	-59.28	-13	-46.28
6	735.92	29.58	-66.79	1.02	-65.76	-13	-52.76
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	68.46	28.35	-59.28	-4.91	-64.19	-13	-51.19
2	92.51	32.09	-59.71	-1.00	-60.72	-13	-47.72
3	128.32	25.56	-65.79	-1.23	-67.03	-13	-54.03
4	238.13	29.80	-65.56	3.82	-61.74	-13	-48.74
5	509.46	31.03	-64.36	2.81	-61.55	-13	-48.55
6	609.95	32.21	-62.48	1.78	-60.70	-13	-47.70

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 20393	Frequency Range	Below 1000 MHz

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	66.87	34.50	-57.41	-1.04	-58.46	-13	-45.46
2	138.23	33.51	-61.85	3.84	-58.01	-13	-45.01
3	288.7	31.87	-63.60	3.78	-59.81	-13	-46.81
4	343.85	32.04	-65.65	3.61	-62.04	-13	-49.04
5	472.3	34.18	-63.00	2.84	-60.16	-13	-47.16
6	736.18	28.56	-67.81	1.02	-66.78	-13	-53.78
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	34.33	27.69	-59.94	-4.91	-64.85	-13	-51.85
2	91.57	31.49	-60.31	-1.00	-61.32	-13	-48.32
3	129.67	24.44	-66.91	-1.23	-68.15	-13	-55.15
4	238.06	29.05	-66.31	3.82	-62.49	-13	-49.49
5	509.19	31.61	-63.78	2.81	-60.97	-13	-47.97
6	608.15	31.74	-62.95	1.78	-61.17	-13	-48.17

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

LTE Band 4: 3MHz

Mode	TX channel 19965	Frequency Range	Below 1000 MHz

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	85.74	33.68	-58.23	-1.04	-59.28	-13	-46.28
2	136.31	33.95	-61.41	3.84	-57.57	-13	-44.57
3	287.25	31.34	-64.13	3.78	-60.34	-13	-47.34
4	346.81	30.94	-66.75	3.61	-63.14	-13	-50.14
5	469.4	33.65	-63.53	2.84	-60.69	-13	-47.69
6	735.73	29.70	-66.67	1.02	-65.64	-13	-52.64
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	67.51	29.45	-58.18	-4.91	-63.09	-13	-50.09
2	92.17	29.48	-62.32	-1.00	-63.33	-13	-50.33
3	131.63	24.55	-66.80	-1.23	-68.04	-13	-55.04
4	239.85	30.71	-64.65	3.82	-60.83	-13	-47.83
5	508.85	30.85	-64.54	2.81	-61.73	-13	-48.73
6	611.29	31.25	-63.44	1.78	-61.66	-13	-48.66

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 20175	Frequency Range	Below 1000 MHz

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	84.83	34.09	-57.82	-1.04	-58.87	-13	-45.87
2	137.83	34.77	-60.59	3.84	-56.75	-13	-43.75
3	288.07	34.13	-61.34	3.78	-57.55	-13	-44.55
4	346.98	31.57	-66.12	3.61	-62.51	-13	-49.51
5	471.27	34.02	-63.16	2.84	-60.32	-13	-47.32
6	738.31	29.15	-67.22	1.02	-66.19	-13	-53.19
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	68.32	30.90	-56.73	-4.91	-61.64	-13	-48.64
2	93.47	32.03	-59.77	-1.00	-60.78	-13	-47.78
3	129.92	25.48	-65.87	-1.23	-67.11	-13	-54.11
4	239.05	30.90	-64.46	3.82	-60.64	-13	-47.64
5	509.25	32.65	-62.74	2.81	-59.93	-13	-46.93
6	610.16	31.87	-62.82	1.78	-61.04	-13	-48.04

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 20385	Frequency Range	Below 1000 MHz

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	85.69	34.04	-57.87	-1.04	-58.92	-13	-45.92
2	137.49	33.92	-61.44	3.84	-57.60	-13	-44.60
3	289.29	32.46	-63.01	3.78	-59.22	-13	-46.22
4	346.39	30.44	-67.25	3.61	-63.64	-13	-50.64
5	469.02	33.17	-64.01	2.84	-61.17	-13	-48.17
6	734.99	28.82	-67.55	1.02	-66.52	-13	-53.52
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	65.83	28.23	-59.40	-4.91	-64.31	-13	-51.31
2	93.84	30.31	-61.49	-1.00	-62.50	-13	-49.50
3	131.44	25.19	-66.16	-1.23	-67.40	-13	-54.40
4	238.55	30.35	-65.01	3.82	-61.19	-13	-48.19
5	509.77	30.49	-64.90	2.81	-62.09	-13	-49.09
6	611.64	31.20	-63.49	1.78	-61.71	-13	-48.71

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 4: 5MHz

Mode	TX channel 19975	Frequency Range	Below 1000 MHz

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	83.45	34.34	-57.57	-1.04	-58.62	-13	-45.62
2	137.52	33.16	-62.20	3.84	-58.36	-13	-45.36
3	288.91	31.82	-63.65	3.78	-59.86	-13	-46.86
4	346.76	31.84	-65.85	3.61	-62.24	-13	-49.24
5	470.14	34.14	-63.04	2.84	-60.20	-13	-47.20
6	736.07	30.30	-66.07	1.02	-65.04	-13	-52.04
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	68.17	29.59	-58.04	-4.91	-62.95	-13	-49.95
2	93.38	32.41	-59.39	-1.00	-60.40	-13	-47.40
3	128.91	26.03	-65.32	-1.23	-66.56	-13	-53.56
4	237.75	28.81	-66.55	3.82	-62.73	-13	-49.73
5	509.92	32.17	-63.22	2.81	-60.41	-13	-47.41
6	608.48	32.23	-62.46	1.78	-60.68	-13	-47.68

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 20175	Frequency Range	Below 1000 MHz

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	83.4	35.48	-56.43	-1.04	-57.48	-13	-44.48
2	136.42	34.33	-61.03	3.84	-57.19	-13	-44.19
3	289.76	32.62	-62.85	3.78	-59.06	-13	-46.06
4	345.28	33.21	-64.48	3.61	-60.87	-13	-47.87
5	469.3	35.83	-61.35	2.84	-58.51	-13	-45.51
6	736.1	29.99	-66.38	1.02	-65.35	-13	-52.35
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	66.46	29.59	-58.04	-4.91	-62.95	-13	-49.95
2	94.68	32.31	-59.49	-1.00	-60.50	-13	-47.50
3	128.85	26.27	-65.08	-1.23	-66.32	-13	-53.32
4	238.61	30.27	-65.09	3.82	-61.27	-13	-48.27
5	509.56	32.92	-62.47	2.81	-59.66	-13	-46.66
6	608.43	32.40	-62.29	1.78	-60.51	-13	-47.51

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 20375	Frequency Range	Below 1000 MHz

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	84.07	33.04	-58.87	-1.04	-59.92	-13	-46.92
2	138.01	32.29	-63.07	3.84	-59.23	-13	-46.23
3	288.82	31.93	-63.54	3.78	-59.75	-13	-46.75
4	348.52	31.11	-66.58	3.61	-62.97	-13	-49.97
5	470.82	33.43	-63.75	2.84	-60.91	-13	-47.91
6	736.4	29.23	-67.14	1.02	-66.11	-13	-53.11
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	66.85	27.59	-60.04	-4.91	-64.95	-13	-51.95
2	93.72	31.34	-60.46	-1.00	-61.47	-13	-48.47
3	128.46	24.64	-66.71	-1.23	-67.95	-13	-54.95
4	239.02	28.18	-67.18	3.82	-63.36	-13	-50.36
5	510.55	31.32	-64.07	2.81	-61.26	-13	-48.26
6	608.8	30.76	-63.93	1.78	-62.15	-13	-49.15

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

LTE Band 4: 10MHz

Mode	TX channel 20000	Frequency Range	Below 1000 MHz

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	85.26	32.82	-59.09	-1.04	-60.14	-13	-47.14
2	136.3	35.31	-60.05	3.84	-56.21	-13	-43.21
3	289	31.28	-64.19	3.78	-60.40	-13	-47.40
4	344.8	31.91	-65.78	3.61	-62.17	-13	-49.17
5	469.93	32.61	-64.57	2.84	-61.73	-13	-48.73
6	735.75	28.76	-67.61	1.02	-66.58	-13	-53.58
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	67.84	28.71	-58.92	-4.91	-63.83	-13	-50.83
2	92.06	32.32	-59.48	-1.00	-60.49	-13	-47.49
3	129.14	24.15	-67.20	-1.23	-68.44	-13	-55.44
4	238.98	29.15	-66.21	3.82	-62.39	-13	-49.39
5	510.12	31.62	-63.77	2.81	-60.96	-13	-47.96
6	610.75	31.85	-62.84	1.78	-61.06	-13	-48.06

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 20175	Frequency Range	Below 1000 MHz

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	85.39	33.05	-58.86	-1.04	-59.91	-13	-46.91
2	137.86	33.99	-61.37	3.84	-57.53	-13	-44.53
3	289.53	33.19	-62.28	3.78	-58.49	-13	-45.49
4	345.87	32.65	-65.04	3.61	-61.43	-13	-48.43
5	469.94	33.56	-63.62	2.84	-60.78	-13	-47.78
6	735.45	29.41	-66.96	1.02	-65.93	-13	-52.93
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	66.84	30.33	-57.30	-4.91	-62.21	-13	-49.21
2	92.72	32.96	-58.84	-1.00	-59.85	-13	-46.85
3	130.44	25.60	-65.75	-1.23	-66.99	-13	-53.99
4	239.5	30.92	-64.44	3.82	-60.62	-13	-47.62
5	510.54	33.03	-62.36	2.81	-59.55	-13	-46.55
6	609.94	32.25	-62.44	1.78	-60.66	-13	-47.66

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 20350	Frequency Range	Below 1000 MHz

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	85.31	33.40	-58.51	-1.04	-59.56	-13	-46.56
2	135.22	33.91	-61.45	3.84	-57.61	-13	-44.61
3	289.34	31.17	-64.30	3.78	-60.51	-13	-47.51
4	343.82	30.10	-67.59	3.61	-63.98	-13	-50.98
5	470.11	32.37	-64.81	2.84	-61.97	-13	-48.97
6	735.6	26.74	-69.63	1.02	-68.60	-13	-55.60
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	66.63	28.34	-59.29	-4.91	-64.20	-13	-51.20
2	91.99	30.72	-61.08	-1.00	-62.09	-13	-49.09
3	130.45	24.56	-66.79	-1.23	-68.03	-13	-55.03
4	237.51	29.00	-66.36	3.82	-62.54	-13	-49.54
5	509.54	32.03	-63.36	2.81	-60.55	-13	-47.55
6	609.87	30.63	-64.06	1.78	-62.28	-13	-49.28

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

LTE Band 4: 15MHz

Mode	TX channel 20025	Frequency Range	Below 1000 MHz

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	84.76	34.24	-57.67	-1.04	-58.72	-13	-45.72
2	138.38	35.00	-60.36	3.84	-56.52	-13	-43.52
3	289.81	31.94	-63.53	3.78	-59.74	-13	-46.74
4	347.25	32.60	-65.09	3.61	-61.48	-13	-48.48
5	471.11	34.55	-62.63	2.84	-59.79	-13	-46.79
6	737.14	29.53	-66.84	1.02	-65.81	-13	-52.81
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	66.52	28.21	-59.42	-4.91	-64.33	-13	-51.33
2	91.96	31.40	-60.40	-1.00	-61.41	-13	-48.41
3	130.32	25.45	-65.90	-1.23	-67.14	-13	-54.14
4	236.44	29.68	-65.68	3.82	-61.86	-13	-48.86
5	508.07	30.71	-64.68	2.81	-61.87	-13	-48.87
6	608.62	32.62	-62.07	1.78	-60.29	-13	-47.29

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 20175	Frequency Range	Below 1000 MHz

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	84.18	35.18	-56.73	-1.04	-57.78	-13	-44.78
2	135.85	35.10	-60.26	3.84	-56.42	-13	-43.42
3	288.32	33.75	-61.72	3.78	-57.93	-13	-44.93
4	345.23	32.09	-65.60	3.61	-61.99	-13	-48.99
5	470.9	34.65	-62.53	2.84	-59.69	-13	-46.69
6	736.66	30.49	-65.88	1.02	-64.85	-13	-51.85
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	67.37	29.89	-57.74	-4.91	-62.65	-13	-49.65
2	93.51	32.66	-59.14	-1.00	-60.15	-13	-47.15
3	130.41	26.61	-64.74	-1.23	-65.98	-13	-52.98
4	238.45	30.53	-64.83	3.82	-61.01	-13	-48.01
5	508.64	32.16	-63.23	2.81	-60.42	-13	-47.42
6	609.03	32.94	-61.75	1.78	-59.97	-13	-46.97

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 20325	Frequency Range	Below 1000 MHz

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	85.93	34.80	-57.11	-1.04	-58.16	-13	-45.16
2	138.41	33.75	-61.61	3.84	-57.77	-13	-44.77
3	288.32	31.59	-63.88	3.78	-60.09	-13	-47.09
4	345.3	31.87	-65.82	3.61	-62.21	-13	-49.21
5	471.95	33.98	-63.20	2.84	-60.36	-13	-47.36
6	735.72	28.65	-67.72	1.02	-66.69	-13	-53.69
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	65.41	28.42	-59.21	-4.91	-64.12	-13	-51.12
2	92.06	30.16	-61.64	-1.00	-62.65	-13	-49.65
3	129.27	25.72	-65.63	-1.23	-66.87	-13	-53.87
4	237.94	27.93	-67.43	3.82	-63.61	-13	-50.61
5	507.27	30.39	-65.00	2.81	-62.19	-13	-49.19
6	608.46	32.44	-62.25	1.78	-60.47	-13	-47.47

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

LTE Band 4: 20MHz

Mode	TX channel 20050	Frequency Range	Below 1000 MHz

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	34.13	-57.78	-1.04	-58.83	-13	-45.83
2	137.11	33.94	-61.42	3.84	-57.58	-13	-44.58
3	288.99	31.68	-63.79	3.78	-60.00	-13	-47.00
4	345.68	32.32	-65.37	3.61	-61.76	-13	-48.76
5	471.26	33.17	-64.01	2.84	-61.17	-13	-48.17
6	738.14	29.03	-67.34	1.02	-66.31	-13	-53.31
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	66.97	27.96	-59.67	-4.91	-64.58	-13	-51.58
2	93.4	30.64	-61.16	-1.00	-62.17	-13	-49.17
3	126.9	27.06	-64.29	-1.23	-65.53	-13	-52.53
4	237.35	29.63	-65.73	3.82	-61.91	-13	-48.91
5	509.4	31.56	-63.83	2.81	-61.02	-13	-48.02
6	610.35	31.10	-63.59	1.78	-61.81	-13	-48.81

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 20175	Frequency Range	Below 1000 MHz

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	85.5	33.97	-57.94	-1.04	-58.99	-13	-45.99
2	138.76	35.32	-60.04	3.84	-56.20	-13	-43.20
3	288.29	32.67	-62.80	3.78	-59.01	-13	-46.01
4	345.26	32.47	-65.22	3.61	-61.61	-13	-48.61
5	470.75	34.24	-62.94	2.84	-60.10	-13	-47.10
6	737.47	29.92	-66.45	1.02	-65.42	-13	-52.42
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	68.17	29.25	-58.38	-4.91	-63.29	-13	-50.29
2	93.15	31.83	-59.97	-1.00	-60.98	-13	-47.98
3	128.03	26.81	-64.54	-1.23	-65.78	-13	-52.78
4	237.63	30.84	-64.52	3.82	-60.70	-13	-47.70
5	509.78	33.06	-62.33	2.81	-59.52	-13	-46.52
6	609.3	33.12	-61.57	1.78	-59.79	-13	-46.79

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 20300	Frequency Range	Below 1000 MHz

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	86.88	33.29	-58.62	-1.04	-59.67	-13	-46.67
2	137	31.90	-63.46	3.84	-59.62	-13	-46.62
3	290.2	29.54	-65.93	3.78	-62.14	-13	-49.14
4	345.19	31.78	-65.91	3.61	-62.30	-13	-49.30
5	471.95	33.22	-63.96	2.84	-61.12	-13	-48.12
6	737.92	28.08	-68.29	1.02	-67.26	-13	-54.26
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	67.74	26.87	-60.76	-4.91	-65.67	-13	-52.67
2	92.55	29.39	-62.41	-1.00	-63.42	-13	-50.42
3	128.4	24.97	-66.38	-1.23	-67.62	-13	-54.62
4	238.58	28.59	-66.77	3.82	-62.95	-13	-49.95
5	507.94	30.39	-65.00	2.81	-62.19	-13	-49.19
6	609.69	31.07	-63.62	1.78	-61.84	-13	-48.84

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

LTE Band 12: 1.4MHz

Mode	TX channel 23017	Frequency Range	Below 1000 MHz

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	71.11	28.83	-63.96	-1.33	-65.29	-13	-52.29
2	136	27.89	-67.36	3.43	-63.93	-13	-50.93
3	301.42	28.41	-67.51	3.68	-63.82	-13	-50.82
4	331.8	31.62	-64.76	3.68	-61.08	-13	-48.08
5	347.95	39.33	-64.76	2.63	-62.13	-13	-49.13
6	914.9	34.72	-61.36	7.14	-54.22	-13	-41.22
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	35.84	27.34	-38.23	-15.59	-53.81	-13	-40.81
2	71.91	27.17	-67.92	-2.11	-70.02	-13	-57.02
3	351.62	34.53	-85.70	-2.08	-87.78	-13	-74.78
4	466.58	30.22	-64.75	2.33	-62.42	-13	-49.42
5	492.11	29.90	-66.55	3.48	-63.08	-13	-50.08
6	883.15	31.37	-62.26	1.92	-60.34	-13	-47.34

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 23095	Frequency Range	Below 1000 MHz

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	70.86	29.63	-63.16	-1.33	-64.49	-13	-51.49
2	136.72	27.58	-67.67	3.43	-64.24	-13	-51.24
3	301.74	28.10	-67.82	3.68	-64.13	-13	-51.13
4	332.37	30.72	-65.66	3.68	-61.98	-13	-48.98
5	348.5	38.22	-65.87	2.63	-63.24	-13	-50.24
6	915.01	33.53	-62.55	7.14	-55.41	-13	-42.41
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	36.21	28.99	-36.58	-15.59	-52.16	-13	-39.16
2	70.91	28.41	-66.68	-2.11	-68.78	-13	-55.78
3	351.96	34.11	-86.12	-2.08	-88.20	-13	-75.20
4	467.27	30.25	-64.72	2.33	-62.39	-13	-49.39
5	492.73	29.13	-67.32	3.48	-63.85	-13	-50.85
6	882.97	30.82	-62.81	1.92	-60.89	-13	-47.89

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 23173	Frequency Range	Below 1000 MHz

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	70.86	27.90	-64.89	-1.33	-66.22	-13	-53.22
2	136.72	26.43	-68.82	3.43	-65.39	-13	-52.39
3	301.74	28.10	-67.82	3.68	-64.13	-13	-51.13
4	332.37	30.72	-65.66	3.68	-61.98	-13	-48.98
5	348.5	38.22	-65.87	2.63	-63.24	-13	-50.24
6	915.01	33.53	-62.55	7.14	-55.41	-13	-42.41
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	36.21	26.75	-38.82	-15.59	-54.40	-13	-41.40
2	70.91	26.27	-68.82	-2.11	-70.92	-13	-57.92
3	351.96	34.11	-86.12	-2.08	-88.20	-13	-75.20
4	467.27	30.25	-64.72	2.33	-62.39	-13	-49.39
5	492.73	29.13	-67.32	3.48	-63.85	-13	-50.85
6	882.97	30.82	-62.81	1.92	-60.89	-13	-47.89

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

LTE Band 12: 3MHz

Mode	TX channel 23025	Frequency Range	Below 1000 MHz

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	72.04	28.15	-64.64	-1.33	-65.97	-13	-52.97
2	136.46	27.80	-67.45	3.43	-64.02	-13	-51.02
3	302.31	27.89	-68.03	3.68	-64.34	-13	-51.34
4	331.9	30.45	-65.93	3.68	-62.25	-13	-49.25
5	347.71	38.89	-65.20	2.63	-62.57	-13	-49.57
6	914.83	34.22	-61.86	7.14	-54.72	-13	-41.72
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	36.79	29.01	-36.56	-15.59	-52.14	-13	-39.14
2	71.36	28.41	-66.68	-2.11	-68.78	-13	-55.78
3	351.02	33.45	-86.78	-2.08	-88.86	-13	-75.86
4	466.69	29.27	-65.70	2.33	-63.37	-13	-50.37
5	492.05	28.91	-67.54	3.48	-64.07	-13	-51.07
6	883.72	30.96	-62.67	1.92	-60.75	-13	-47.75

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 23095	Frequency Range	Below 1000 MHz

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	72.32	27.98	-64.81	-1.33	-66.14	-13	-53.14
2	135.66	28.45	-66.80	3.43	-63.37	-13	-50.37
3	303.07	27.24	-68.68	3.68	-64.99	-13	-51.99
4	331.9	30.22	-66.16	3.68	-62.48	-13	-49.48
5	347.29	37.94	-66.15	2.63	-63.52	-13	-50.52
6	914.26	33.29	-62.79	7.14	-55.65	-13	-42.65
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	36.35	28.37	-37.20	-15.59	-52.78	-13	-39.78
2	71.75	27.96	-67.13	-2.11	-69.23	-13	-56.23
3	350.93	32.96	-87.27	-2.08	-89.35	-13	-76.35
4	466.82	28.39	-66.58	2.33	-64.25	-13	-51.25
5	492.91	28.83	-67.62	3.48	-64.15	-13	-51.15
6	884.38	29.67	-63.96	1.92	-62.04	-13	-49.04

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 23165	Frequency Range	Below 1000 MHz

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	72.64	26.76	-66.03	-1.33	-67.36	-13	-54.36
2	134.98	27.06	-68.19	3.43	-64.76	-13	-51.76
3	302.2	26.21	-69.71	3.68	-66.02	-13	-53.02
4	332.34	29.47	-66.91	3.68	-63.23	-13	-50.23
5	347.98	37.73	-66.36	2.63	-63.73	-13	-50.73
6	913.76	32.43	-63.65	7.14	-56.51	-13	-43.51
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	37.29	28.02	-37.55	-15.59	-53.13	-13	-40.13
2	72.34	27.89	-67.20	-2.11	-69.30	-13	-56.30
3	351.78	32.34	-87.89	-2.08	-89.97	-13	-76.97
4	466.04	28.09	-66.88	2.33	-64.55	-13	-51.55
5	492.96	28.22	-68.23	3.48	-64.76	-13	-51.76
6	883.76	29.11	-64.52	1.92	-62.60	-13	-49.60

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

LTE Band 12: 5MHz

Mode	TX channel 23035	Frequency Range	Below 1000 MHz

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	72.17	25.95	-66.84	-1.33	-68.17	-13	-55.17
2	134.2	25.79	-69.46	3.43	-66.03	-13	-53.03
3	301.56	24.93	-70.99	3.68	-67.30	-13	-54.30
4	332.01	28.26	-68.12	3.68	-64.44	-13	-51.44
5	348.95	37.02	-67.07	2.63	-64.44	-13	-51.44
6	914.48	32.06	-64.02	7.14	-56.88	-13	-43.88
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	37.86	27.61	-37.96	-15.59	-53.54	-13	-40.54
2	72.4	27.24	-67.85	-2.11	-69.95	-13	-56.95
3	352.31	31.24	-88.99	-2.08	-91.07	-13	-78.07
4	465.86	27.05	-67.92	2.33	-65.59	-13	-52.59
5	492.51	27.21	-69.24	3.48	-65.77	-13	-52.77
6	883.6	28.05	-65.58	1.92	-63.66	-13	-50.66

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 23095	Frequency Range	Below 1000 MHz

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	72.67	28.76	-64.03	-1.33	-65.36	-13	-52.36
2	134.07	29.15	-66.10	3.43	-62.67	-13	-49.67
3	301.93	28.63	-67.29	3.68	-63.60	-13	-50.60
4	331.97	27.29	-69.09	3.68	-65.41	-13	-52.41
5	349.63	36.50	-67.59	2.63	-64.96	-13	-51.96
6	914.59	30.75	-65.33	7.14	-58.19	-13	-45.19
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	37.34	27.48	-38.09	-15.59	-53.67	-13	-40.67
2	72.87	27.94	-67.15	-2.11	-69.25	-13	-56.25
3	352.46	30.93	-89.30	-2.08	-91.38	-13	-78.38
4	465.38	26.97	-68.00	2.33	-65.67	-13	-52.67
5	492.97	26.73	-69.72	3.48	-66.25	-13	-53.25
6	883.84	27.26	-66.37	1.92	-64.45	-13	-51.45

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 23155	Frequency Range	Below 1000 MHz

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	72.4	28.28	-64.51	-1.33	-65.84	-13	-52.84
2	133.47	28.16	-67.09	3.43	-63.66	-13	-50.66
3	301.26	27.79	-68.13	3.68	-64.44	-13	-51.44
4	332.54	26.45	-69.93	3.68	-66.25	-13	-53.25
5	349.77	35.33	-68.76	2.63	-66.13	-13	-53.13
6	915.5	29.90	-66.18	7.14	-59.04	-13	-46.04
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	37.16	27.42	-38.15	-15.59	-53.73	-13	-40.73
2	72.44	27.36	-67.73	-2.11	-69.83	-13	-56.83
3	352.87	29.95	-90.28	-2.08	-92.36	-13	-79.36
4	465.77	25.79	-69.18	2.33	-66.85	-13	-53.85
5	493.74	26.27	-70.18	3.48	-66.71	-13	-53.71
6	883.97	26.33	-67.30	1.92	-65.38	-13	-52.38

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

LTE Band 12: 10MHz

Mode	TX channel 23060	Frequency Range	Below 1000 MHz

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	72.31	28.08	-64.71	-1.33	-66.04	-13	-53.04
2	132.9	27.30	-67.95	3.43	-64.52	-13	-51.52
3	300.57	27.97	-67.95	3.68	-64.26	-13	-51.26
4	332.39	25.19	-71.19	3.68	-67.51	-13	-54.51
5	348.89	36.74	-67.35	2.63	-64.72	-13	-51.72
6	916.26	28.98	-67.10	7.14	-59.96	-13	-46.96
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	36.33	26.39	-39.18	-15.59	-54.76	-13	-41.76
2	72.9	26.53	-68.56	-2.11	-70.66	-13	-57.66
3	353.45	29.64	-90.59	-2.08	-92.67	-13	-79.67
4	465.62	25.26	-69.71	2.33	-67.38	-13	-54.38
5	493.21	26.55	-69.90	3.48	-66.43	-13	-53.43
6	884.38	26.17	-67.46	1.92	-65.54	-13	-52.54

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 23095	Frequency Range	Below 1000 MHz

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	73.28	27.59	-65.20	-1.33	-66.53	-13	-53.53
2	132.24	27.09	-68.16	3.43	-64.73	-13	-51.73
3	300.7	27.74	-68.18	3.68	-64.49	-13	-51.49
4	332.63	24.48	-71.90	3.68	-68.22	-13	-55.22
5	348.2	35.45	-68.64	2.63	-66.01	-13	-53.01
6	915.85	28.73	-67.35	7.14	-60.21	-13	-47.21
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	35.65	26.38	-39.19	-15.59	-54.77	-13	-41.77
2	73.25	26.36	-68.73	-2.11	-70.83	-13	-57.83
3	353.27	29.47	-90.76	-2.08	-92.84	-13	-79.84
4	464.83	23.80	-71.17	2.33	-68.84	-13	-55.84
5	493.44	25.21	-71.24	3.48	-67.77	-13	-54.77
6	885.02	25.40	-68.23	1.92	-66.31	-13	-53.31

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 23130	Frequency Range	Below 1000 MHz

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	73.69	27.13	-65.66	-1.33	-66.99	-13	-53.99
2	131.79	26.39	-68.86	3.43	-65.43	-13	-52.43
3	300.04	27.41	-68.51	3.68	-64.82	-13	-51.82
4	333.04	23.56	-72.82	3.68	-69.14	-13	-56.14
5	348.88	35.33	-68.76	2.63	-66.13	-13	-53.13
6	916.02	28.14	-67.94	7.14	-60.80	-13	-47.80
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	36.64	25.88	-39.69	-15.59	-55.27	-13	-42.27
2	73.93	26.27	-68.82	-2.11	-70.92	-13	-57.92
3	352.91	28.22	-92.01	-2.08	-94.09	-13	-81.09
4	464.06	26.19	-68.78	2.33	-66.45	-13	-53.45
5	493.43	28.94	-67.51	3.48	-64.04	-13	-51.04
6	885.56	27.74	-65.89	1.92	-63.97	-13	-50.97

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 1312	Frequency Range	Above 1000MHz

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	3424.8	50.64	-53.31	7.71	-45.60	-13	-32.60
2	5137.2	42.94	-61.94	7.08	-54.86	-13	-41.86
3	6849.6	43.63	-58.99	4.62	-54.37	-13	-41.37
4	8562	45.66	-56.56	4.23	-52.33	-13	-39.33
5	10274.4	48.25	-53.28	3.25	-50.03	-13	-37.03
6	11986.8	49.90	-50.98	4.44	-46.54	-13	-33.54
7	13699.2	49.81	-47.82	3.44	-44.38	-13	-31.38
8	15411.6	52.71	-44.64	3.70	-40.94	-13	-27.94
9	3424.8	50.64	-53.31	7.71	-45.60	-13	-32.60
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3424.8	47.29	-56.66	7.71	-48.95	-13	-35.95
2	5137.2	37.51	-67.37	7.08	-60.29	-13	-47.29
3	6849.6	43.3	-59.32	4.62	-54.70	-13	-41.70
4	8562	44.19	-58.03	4.23	-53.80	-13	-40.80
5	10274.4	49.39	-52.14	3.25	-48.89	-13	-35.89
6	11986.8	50.02	-50.86	4.44	-46.42	-13	-33.42
7	13699.2	48.06	-49.57	3.44	-46.13	-13	-33.13
8	15411.6	52.16	-45.19	3.70	-41.49	-13	-28.49
9	3424.8	47.29	-56.66	7.71	-48.95	-13	-35.95

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 1413	Frequency Range	Above 1000MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465.2	50.29	-53.66	7.71	-45.95	-13	-32.95
2	5197.8	42.17	-62.71	7.08	-55.63	-13	-42.63
3	6930.4	43.72	-58.90	4.62	-54.28	-13	-41.28
4	8663	45.62	-56.60	4.23	-52.37	-13	-39.37
5	10395.6	49.05	-52.48	3.25	-49.23	-13	-36.23
6	12128.2	49.71	-51.17	4.44	-46.73	-13	-33.73
7	13860.8	49.63	-48.00	3.44	-44.56	-13	-31.56
8	15593.4	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	3465.2	50.29	-53.66	7.71	-45.95	-13	-32.95
2	5197.8	42.17	-62.71	7.08	-55.63	-13	-42.63
3	6930.4	43.72	-58.90	4.62	-54.28	-13	-41.28
4	8663	45.62	-56.60	4.23	-52.37	-13	-39.37
5	10395.6	49.05	-52.48	3.25	-49.23	-13	-36.23
6	12128.2	49.71	-51.17	4.44	-46.73	-13	-33.73
7	13860.8	49.63	-48.00	3.44	-44.56	-13	-31.56
8	15593.4	53.64	-43.71	3.70	-40.01	-13	-27.01

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 1513	Frequency Range	Above 1000MHz

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	3505.2	50.98	-52.97	7.71	-45.26	-13	-32.26
2	5257.8	41.74	-63.14	7.08	-56.06	-13	-43.06
3	7010.4	43.54	-59.08	4.62	-54.46	-13	-41.46
4	8763	45.01	-57.21	4.23	-52.98	-13	-39.98
5	10515.6	48.59	-52.94	3.25	-49.69	-13	-36.69
6	12268.2	49.53	-51.35	4.44	-46.91	-13	-33.91
7	14020.8	50.62	-47.01	3.44	-43.57	-13	-30.57
8	15773.4	53.53	-43.82	3.70	-40.12	-13	-27.12
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3505.2	48.19	-55.76	7.71	-48.05	-13	-35.05
2	5257.8	37.3	-67.58	7.08	-60.50	-13	-47.50
3	7010.4	43.61	-59.01	4.62	-54.39	-13	-41.39
4	8763	44.82	-57.40	4.23	-53.17	-13	-40.17
5	10515.6	49.52	-52.01	3.25	-48.76	-13	-35.76
6	12268.2	50.04	-50.84	4.44	-46.40	-13	-33.40
7	14020.8	48.66	-48.97	3.44	-45.53	-13	-32.53
8	15773.4	51.7	-45.65	3.70	-41.95	-13	-28.95

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

LTE Band 4: 1.4MHz

Mode	TX channel 19957	Frequency Range	Above 1000MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465	36.21	-66.86	7.87	-58.99	-13	-45.99
2	5197.5	39.86	-65.63	7.33	-58.30	-13	-45.30
3	6930	45.80	-56.82	5.03	-51.79	-13	-38.79
4	8662.5	47.41	-56.34	4.34	-51.99	-13	-38.99
5	10395	48.64	-53.03	2.24	-50.79	-13	-37.79
6	12127.5	48.30	-53.87	4.26	-49.62	-13	-36.62
7	13860	48.65	-50.46	2.03	-48.43	-13	-35.43
8	15592.5	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	3465	47.37	-55.70	7.87	-47.83	-13	-34.83
2	5197.5	42.34	-63.15	7.33	-55.82	-13	-42.82
3	6930	42.72	-59.90	5.03	-54.87	-13	-41.87
4	8662.5	45.82	-57.93	4.34	-53.58	-13	-40.58
5	10395	45.98	-55.69	2.24	-53.45	-13	-40.45
6	12127.5	46.88	-55.29	4.26	-51.04	-13	-38.04
7	13860	48.57	-50.54	2.03	-48.51	-13	-35.51
8	15592.5	53.74	-43.61	3.70	-39.91	-13	-26.91

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 20175	Frequency Range	Above 1000MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465	36.21	-66.86	7.87	-58.99	-13	-45.99
2	5197.5	39.86	-65.63	7.33	-58.30	-13	-45.30
3	6930	45.80	-56.82	5.03	-51.79	-13	-38.79
4	8662.5	47.41	-56.34	4.34	-51.99	-13	-38.99
5	10395	48.64	-53.03	2.24	-50.79	-13	-37.79
6	12127.5	48.30	-53.87	4.26	-49.62	-13	-36.62
7	13860	48.65	-50.46	2.03	-48.43	-13	-35.43
8	15592.5	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	3465	47.89	-55.18	7.87	-47.31	-13	-34.31
2	5197.5	42.02	-63.47	7.33	-56.14	-13	-43.14
3	6930	42.01	-60.61	5.03	-55.58	-13	-42.58
4	8662.5	46.73	-57.02	4.34	-52.67	-13	-39.67
5	10395	46.57	-55.10	2.24	-52.86	-13	-39.86
6	12127.5	46.22	-55.95	4.26	-51.70	-13	-38.70
7	13860	48.57	-50.54	2.03	-48.51	-13	-35.51
8	15592.5	53.09	-44.26	3.70	-40.56	-13	-27.56

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 20393	Frequency Range	Above 1000MHz

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	3508.6	36.21	-67.02	7.84	-59.18	-13	-46.18
2	5262.9	39.86	-65.52	7.29	-58.23	-13	-45.23
3	7017.2	45.80	-56.82	4.43	-52.39	-13	-39.39
4	8771.5	47.41	-54.20	4.18	-50.03	-13	-37.03
5	10525.8	48.64	-53.00	2.43	-50.58	-13	-37.58
6	12280.1	48.30	-52.02	3.57	-48.45	-13	-35.45
7	14034.4	48.65	-48.70	3.70	-45.00	-13	-32.00
8	15788.7	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	3508.6	48.81	-54.42	7.84	-46.58	-13	-33.58
2	5262.9	41.10	-64.28	7.29	-56.99	-13	-43.99
3	7017.2	41.14	-61.48	4.43	-57.05	-13	-44.05
4	8771.5	47.41	-54.20	4.18	-50.03	-13	-37.03
5	10525.8	45.60	-56.04	2.43	-53.62	-13	-40.62
6	12280.1	48.71	-51.61	3.57	-48.04	-13	-35.04
7	14034.4	47.97	-49.38	3.70	-45.68	-13	-32.68
8	15788.7	52.30	-45.05	3.70	-41.35	-13	-28.35

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

LTE Band 4: 3MHz

Mode	TX channel 19965	Frequency Range	Above 1000MHz

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	3423	36.21	-66.71	7.90	-58.81	-13	-45.81
2	5134.5	39.86	-65.73	7.38	-58.36	-13	-45.36
3	6846	45.80	-56.04	5.10	-50.93	-13	-37.93
4	8557.5	47.41	-56.60	4.36	-52.24	-13	-39.24
5	10269	48.64	-53.06	2.07	-50.99	-13	-37.99
6	11980.5	48.30	-54.10	4.22	-49.88	-13	-36.88
7	13692	48.65	-50.71	1.78	-48.94	-13	-35.94
8	15403.5	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	3423	46.42	-56.50	7.90	-48.60	-13	-35.60
2	5134.5	42.07	-63.52	7.38	-56.15	-13	-43.15
3	6846	43.02	-58.82	5.10	-53.71	-13	-40.71
4	8557.5	48.03	-55.98	4.36	-51.62	-13	-38.62
5	10269	48.00	-53.70	2.07	-51.63	-13	-38.63
6	11980.5	46.55	-55.85	4.22	-51.63	-13	-38.63
7	13692	47.25	-52.11	1.78	-50.34	-13	-37.34
8	15403.5	49.81	-47.54	3.70	-43.84	-13	-30.84

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 20175	Frequency Range	Above 1000MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465	36.21	-66.86	7.87	-58.99	-13	-45.99
2	5197.5	39.86	-65.63	7.33	-58.30	-13	-45.30
3	6930	45.80	-56.82	5.03	-51.79	-13	-38.79
4	8662.5	47.41	-56.34	4.34	-51.99	-13	-38.99
5	10395	48.64	-53.03	2.24	-50.79	-13	-37.79
6	12127.5	48.30	-53.87	4.26	-49.62	-13	-36.62
7	13860	48.65	-50.46	2.03	-48.43	-13	-35.43
8	15592.5	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	3465	48.69	-54.38	7.87	-46.51	-13	-33.51
2	5197.5	42.35	-63.14	7.33	-55.81	-13	-42.81
3	6930	41.94	-60.68	5.03	-55.65	-13	-42.65
4	8662.5	47.61	-56.14	4.34	-51.79	-13	-38.79
5	10395	46.94	-54.73	2.24	-52.49	-13	-39.49
6	12127.5	46.76	-55.41	4.26	-51.16	-13	-38.16
7	13860	48.47	-50.64	2.03	-48.61	-13	-35.61
8	15592.5	54.06	-43.29	3.70	-39.59	-13	-26.59

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 20385	Frequency Range	Above 1000MHz

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	3507	36.21	-67.02	7.84	-59.17	-13	-46.17
2	5260.5	39.86	-65.52	7.29	-58.23	-13	-45.23
3	7014	45.80	-56.82	4.43	-52.39	-13	-39.39
4	8767.5	47.41	-54.20	4.18	-50.03	-13	-37.03
5	10521	48.64	-53.01	2.42	-50.59	-13	-37.59
6	12274.5	48.30	-52.02	3.57	-48.45	-13	-35.45
7	14028	48.65	-48.70	3.70	-45.00	-13	-32.00
8	15781.5	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	3507	47.90	-55.33	7.84	-47.48	-13	-34.48
2	5260.5	40.76	-64.62	7.29	-57.33	-13	-44.33
3	7014	40.73	-61.89	4.43	-57.46	-13	-44.46
4	8767.5	46.99	-54.62	4.18	-50.45	-13	-37.45
5	10521	45.13	-56.52	2.42	-54.10	-13	-41.10
6	12274.5	48.15	-52.17	3.57	-48.60	-13	-35.60
7	14028	48.34	-49.01	3.70	-45.31	-13	-32.31
8	15781.5	52.56	-44.79	3.70	-41.09	-13	-28.09

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

LTE Band 4: 5MHz

Mode	TX channel 19975	Frequency Range	Above 1000MHz

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	3425	36.21	-66.72	7.90	-58.82	-13	-45.82
2	5137.5	39.86	-65.73	7.37	-58.36	-13	-45.36
3	6850	45.80	-56.04	5.10	-50.94	-13	-37.94
4	8562.5	47.41	-56.59	4.36	-52.23	-13	-39.23
5	10275	48.64	-53.06	2.08	-50.98	-13	-37.98
6	11987.5	48.30	-54.09	4.23	-49.86	-13	-36.86
7	13700	48.65	-50.70	1.79	-48.91	-13	-35.91
8	15412.5	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	3425	47.65	-55.28	7.90	-47.38	-13	-34.38
2	5137.5	41.62	-63.97	7.37	-56.60	-13	-43.60
3	6850	44.20	-57.64	5.10	-52.54	-13	-39.54
4	8562.5	47.28	-56.72	4.36	-52.36	-13	-39.36
5	10275	46.68	-55.02	2.08	-52.94	-13	-39.94
6	11987.5	46.18	-56.21	4.23	-51.98	-13	-38.98
7	13700	46.32	-53.03	1.79	-51.24	-13	-38.24
8	15412.5	51.05	-46.30	3.70	-42.60	-13	-29.60

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 20175	Frequency Range	Above 1000MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	3465	36.21	-66.86	7.87	-58.99	-13	-45.99
2	5197.5	39.86	-65.63	7.33	-58.30	-13	-45.30
3	6930	45.80	-56.82	5.03	-51.79	-13	-38.79
4	8662.5	47.41	-56.34	4.34	-51.99	-13	-38.99
5	10395	48.64	-53.03	2.24	-50.79	-13	-37.79
6	12127.5	48.30	-53.87	4.26	-49.62	-13	-36.62
7	13860	48.65	-50.46	2.03	-48.43	-13	-35.43
8	15592.5	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	3465	48.22	-54.85	7.87	-46.98	-13	-33.98
2	5197.5	40.63	-64.86	7.33	-57.53	-13	-44.53
3	6930	41.35	-61.27	5.03	-56.24	-13	-43.24
4	8662.5	48.28	-55.47	4.34	-51.12	-13	-38.12
5	10395	47.53	-54.14	2.24	-51.90	-13	-38.90
6	12127.5	47.26	-54.91	4.26	-50.66	-13	-37.66
7	13860	48.03	-51.08	2.03	-49.05	-13	-36.05
8	15592.5	53.51	-43.84	3.70	-40.14	-13	-27.14

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 20375	Frequency Range	Above 1000MHz

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	3505	36.21	-67.01	7.84	-59.16	-13	-46.16
2	5257.5	39.86	-65.53	7.29	-58.24	-13	-45.24
3	7010	45.80	-56.82	4.43	-52.39	-13	-39.39
4	8762.5	47.41	-54.20	4.18	-50.03	-13	-37.03
5	10515	48.64	-53.01	2.41	-50.59	-13	-37.59
6	12267.5	48.30	-52.02	3.57	-48.45	-13	-35.45
7	14020	48.65	-48.70	3.70	-45.00	-13	-32.00
8	15772.5	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	3505	47.90	-55.32	7.84	-47.47	-13	-34.47
2	5257.5	41.27	-64.12	7.29	-56.83	-13	-43.83
3	7010	42.18	-60.44	4.43	-56.01	-13	-43.01
4	8762.5	45.81	-55.80	4.18	-51.63	-13	-38.63
5	10515	45.04	-56.61	2.41	-54.19	-13	-41.19
6	12267.5	49.73	-50.59	3.57	-47.02	-13	-34.02
7	14020	48.34	-49.01	3.70	-45.31	-13	-32.31
8	15772.5	53.35	-44.00	3.70	-40.30	-13	-27.30

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