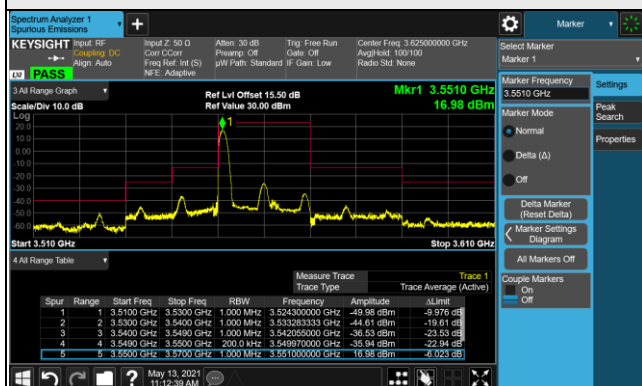


LTE Band 48, Channel Bandwidth 20MHz

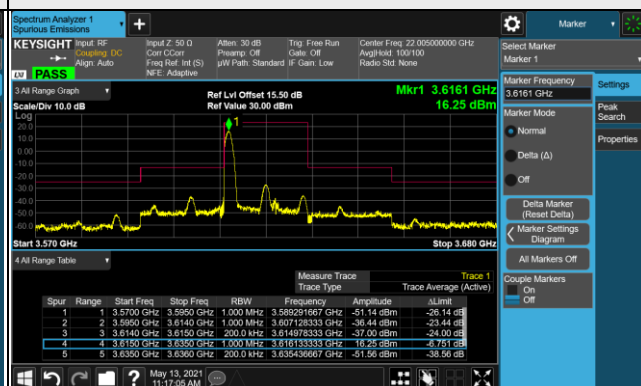
Channel 55340 (3560.0MHz)

1RB

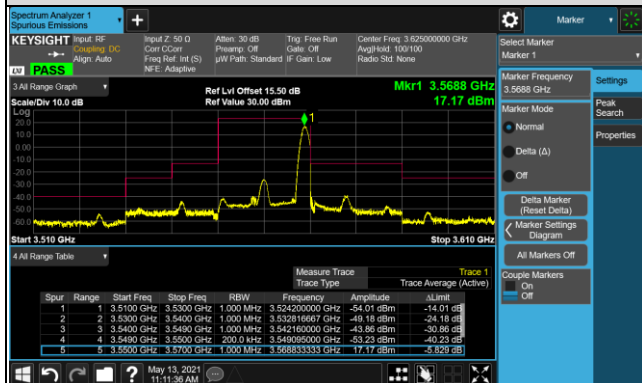


Channel 55990 (3625.0MHz)

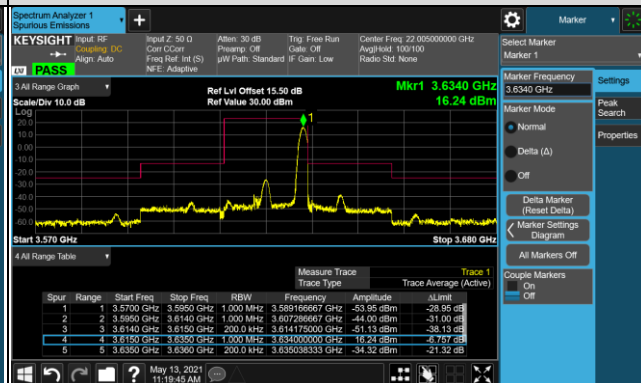
1RB



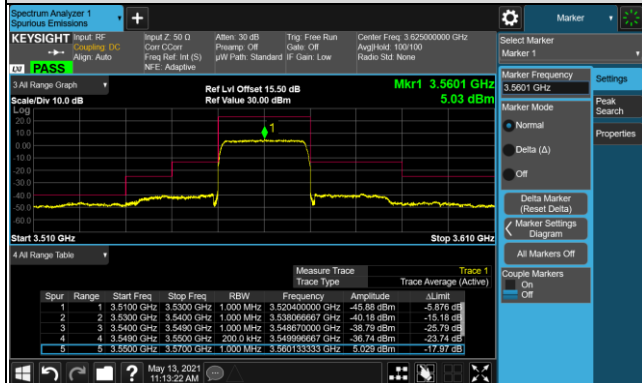
1RB 99



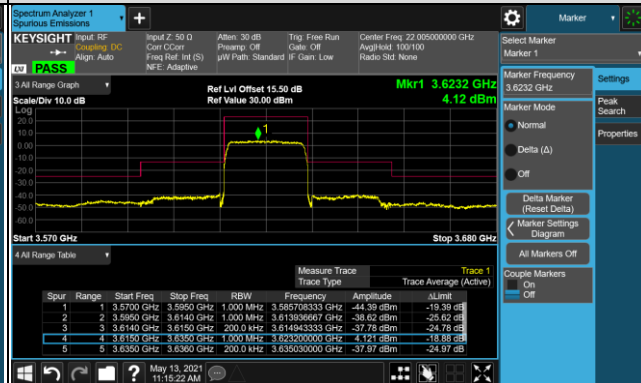
1RB 99



Full RB



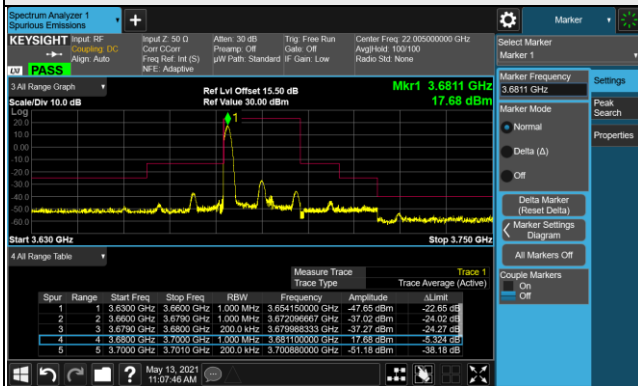
Full RB



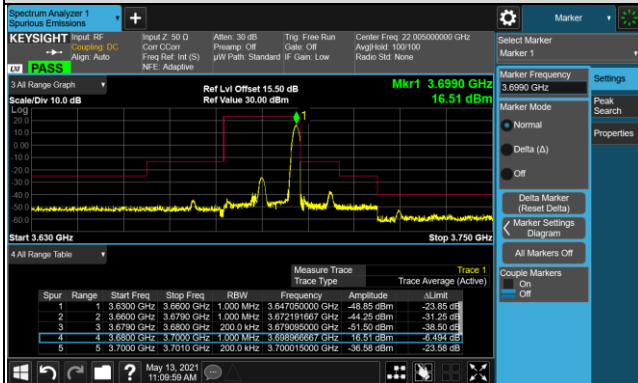
LTE Band 48, Channel Bandwidth 20MHz

Channel 56640 (3690.0MHz)

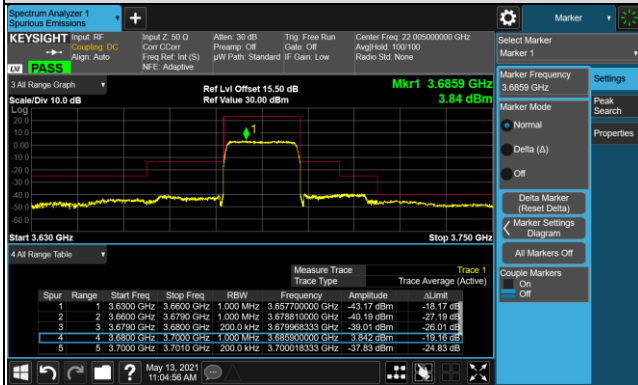
1RB



1RB 99



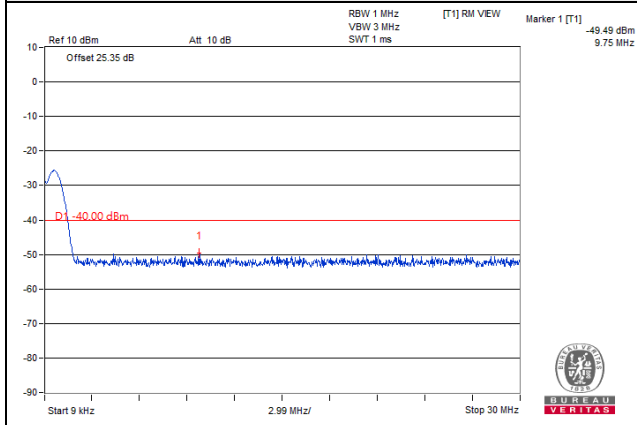
Full RB



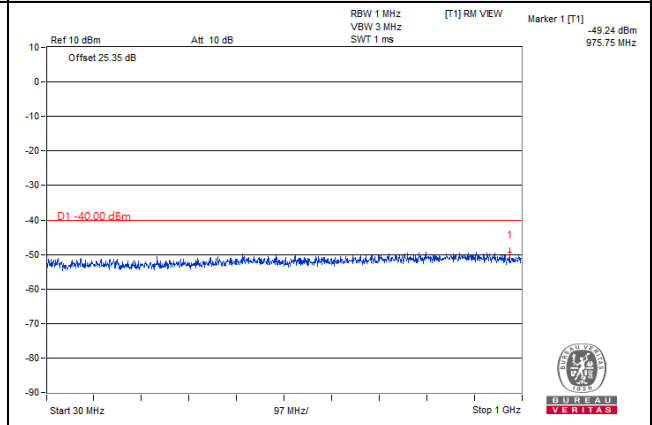
LTE Band 48, Channel Bandwidth 20MHz

Channel 55340 (3560.0MHz)

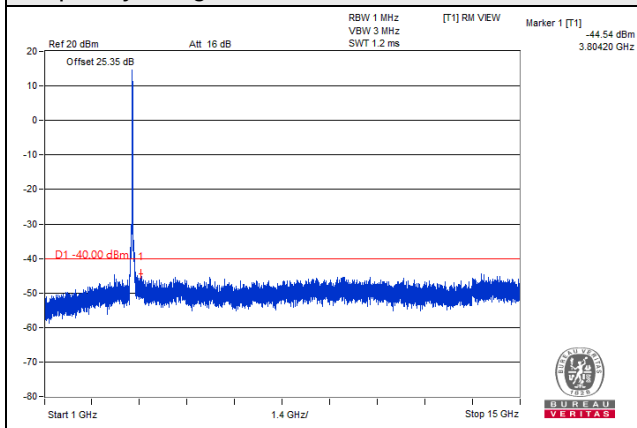
Frequency Range : 9kHz~1GHz



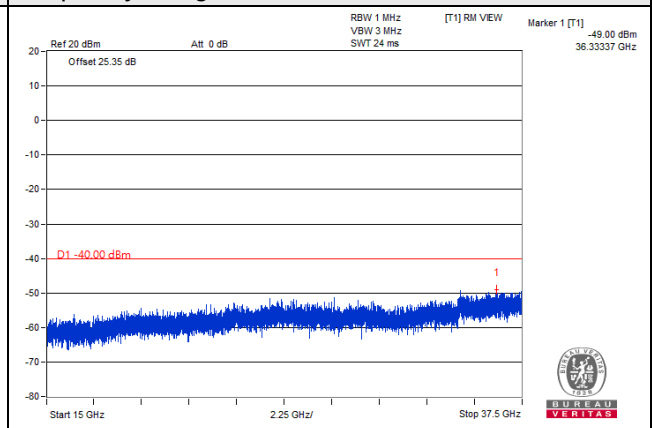
Frequency Range : 1GHz~18GHz



Frequency Range :1GHz~15GHz



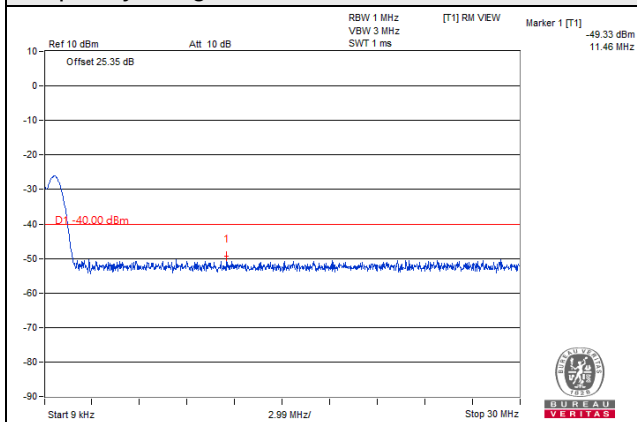
Frequency Range :15GHz~37.5GHz



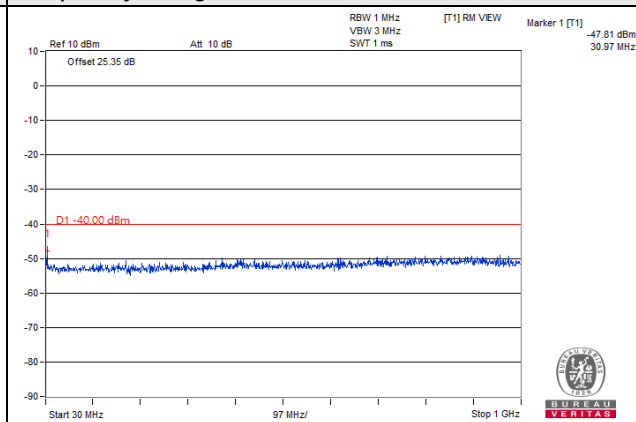
LTE Band 48, Channel Bandwidth 20MHz

Channel 55990 (3625.0MHz)

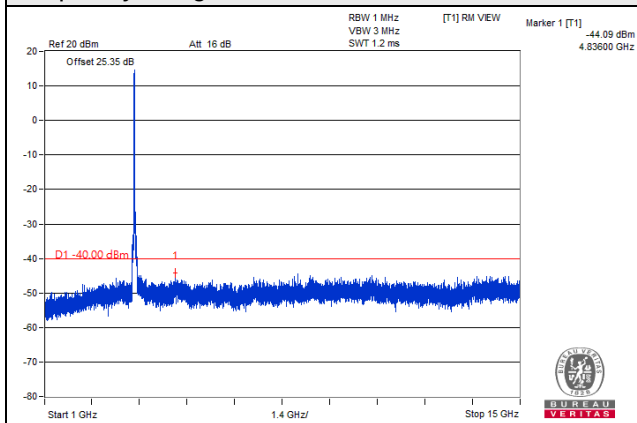
Frequency Range : 9kHz~1GHz



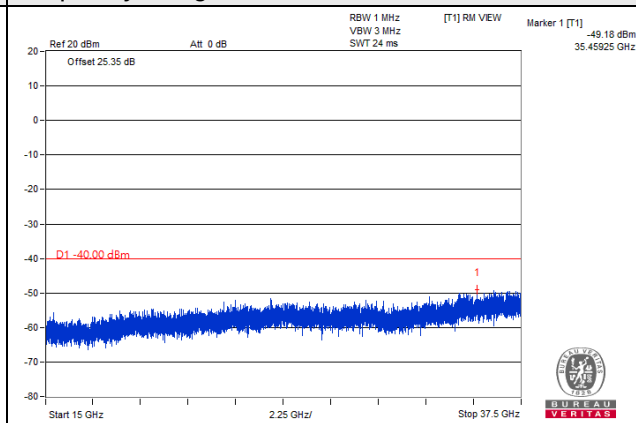
Frequency Range : 1GHz~18GHz



Frequency Range :1GHz~15GHz



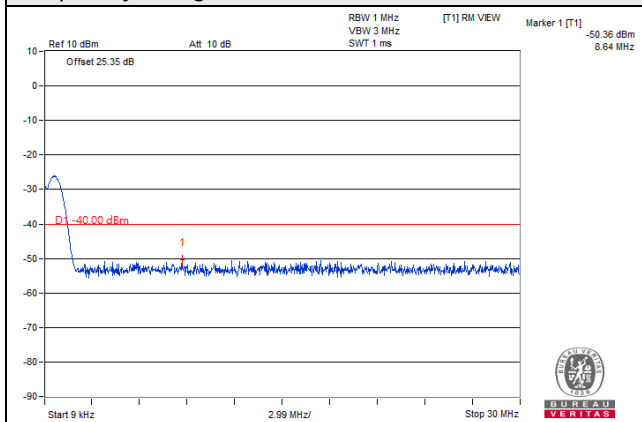
Frequency Range :15GHz~37.5GHz



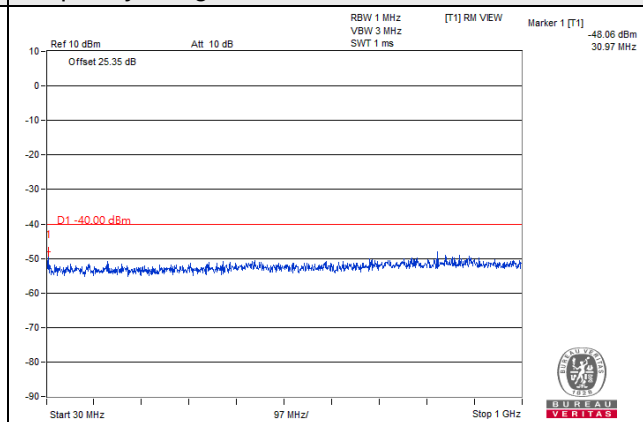
LTE Band 48, Channel Bandwidth 20MHz

Channel 56640 (3690.0MHz)

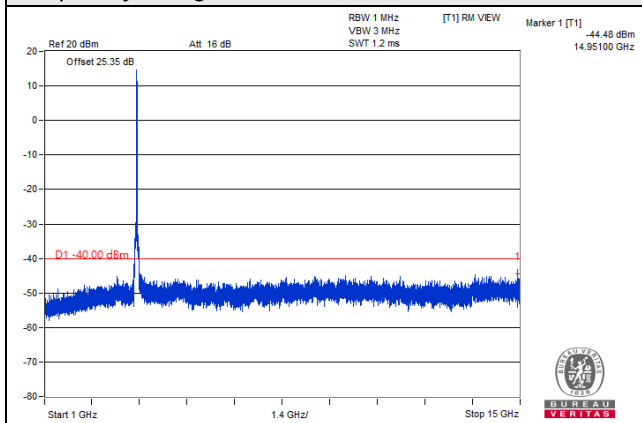
Frequency Range : 9kHz~1GHz



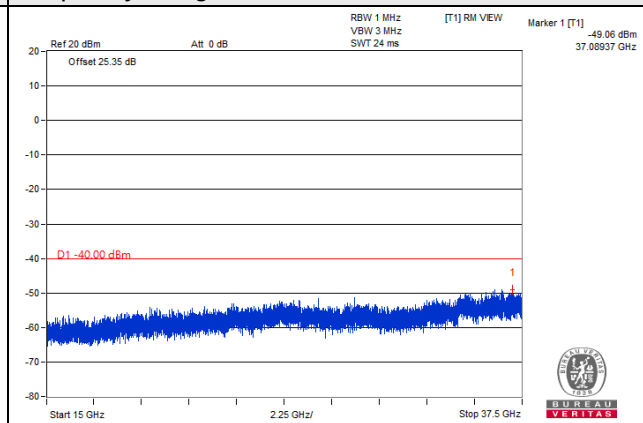
Frequency Range : 1GHz~18GHz



Frequency Range :1GHz~15GHz



Frequency Range :15GHz~37.5GHz



4.7 Radiated Emission Measurement

4.7.1 Limits of Radiated Emission Measurement

The power of any emissions below 3530 MHz or above 3720 MHz shall not exceed -40dBm/MHz.

4.7.2 Test Instruments

Refer to section 4.1.3 to get information of above instrument.

4.7.3 Test Procedures

- a. The field strength was measured with Spectrum Analyzer.
- b. Measurement in the semi-anechoic chamber, EUT placed on the 0.8 meters (for 30MHz ~ 1GHz) / 1.5 meters (for above 1GHz) height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the field strength value via a spectrum reading obtained corrected for antenna factor, cable loss and pre-amplifier factor.
- c. Perform a field strength measurement and then mathematically convert the measured field strength level to EIRP level.
- d. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = Read Value (dBμV/m) - Correction Factor @ 3m
- e. Correction Factor (dB) @ 3m = $20\log(D) - 104.8$; where D is the measurement distance @3m = -95.26dB

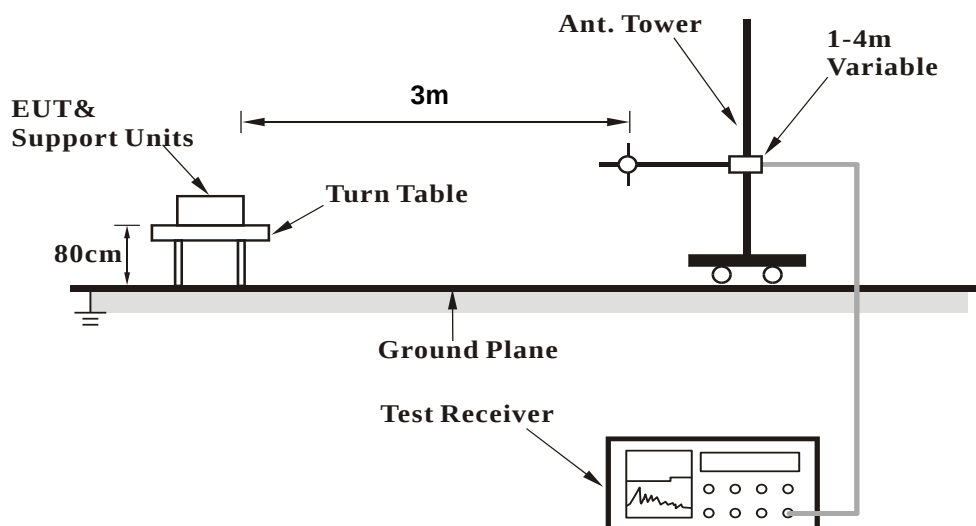
NOTE: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.

4.7.4 Deviation from Test Standard

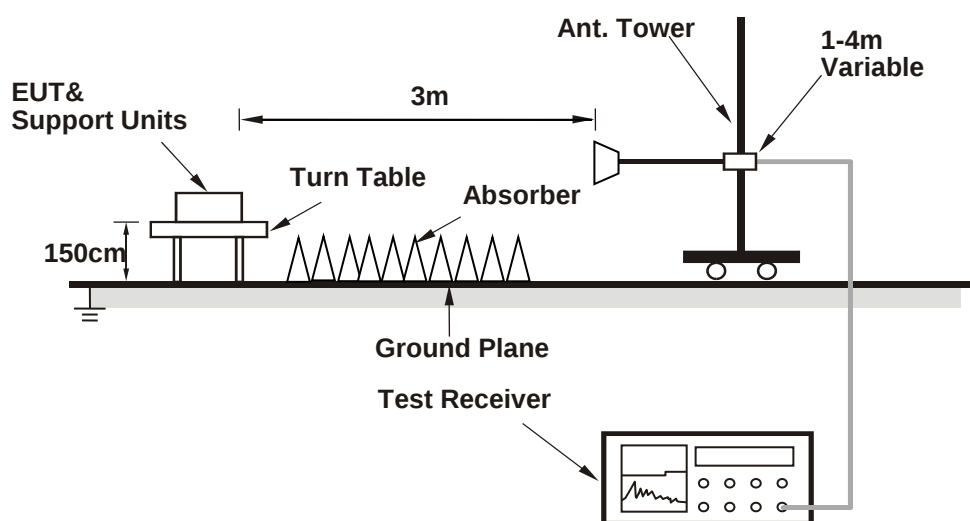
No deviation.

4.7.5 Test Setup

<Frequency Range below 1GHz>



<Frequency Range above 1GHz>



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

4.7.6 Test Results

Below 1GHz Data :

Band 48

5MHz

Mode	TX Low	Frequency Range	Below 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.49	28.82	-95.26	-66.44	-40	-26.44
2	108.99	23.44	-95.26	-71.82	-40	-31.82
3	149	23.7	-95.26	-71.56	-40	-31.56
4	197.17	27.38	-95.26	-67.88	-40	-27.88
5	310.5	22.94	-95.26	-72.32	-40	-32.32
6	485.58	27.52	-95.26	-67.74	-40	-27.74
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.53	32.21	-95.26	-63.05	-40	-23.05
2	47.99	29.22	-95.26	-66.04	-40	-26.04
3	106.44	24.38	-95.26	-70.88	-40	-30.88
4	160.02	25.32	-95.26	-69.94	-40	-29.94
5	197.7	21.99	-95.26	-73.27	-40	-33.27
6	380.42	25.58	-95.26	-69.68	-40	-29.68

Remarks:

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

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

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.73	28.89	-95.26	-66.37	-40	-26.37
2	109.38	23.74	-95.26	-71.52	-40	-31.52
3	149.15	23.66	-95.26	-71.60	-40	-31.60
4	196.84	26.74	-95.26	-68.52	-40	-28.52
5	310.89	23.01	-95.26	-72.25	-40	-32.25
6	485.85	28.03	-95.26	-67.23	-40	-27.23

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.57	32.03	-95.26	-63.23	-40	-23.23
2	47.61	30.17	-95.26	-65.09	-40	-25.09
3	106.01	24.43	-95.26	-70.83	-40	-30.83
4	159.81	25.51	-95.26	-69.75	-40	-29.75
5	197.27	22.49	-95.26	-72.77	-40	-32.77
6	380.51	25.94	-95.26	-69.32	-40	-29.32

Remarks:

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

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

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.66	28.89	-95.26	-66.37	-40	-26.37
2	108.94	23.15	-95.26	-72.11	-40	-32.11
3	149.02	23.06	-95.26	-72.20	-40	-32.20
4	197.27	26.81	-95.26	-68.45	-40	-28.45
5	310.95	23.68	-95.26	-71.58	-40	-31.58
6	486.03	28.1	-95.26	-67.16	-40	-27.16

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.78	31.62	-95.26	-63.64	-40	-23.64
2	47.87	29.67	-95.26	-65.59	-40	-25.59
3	106.02	24.42	-95.26	-70.84	-40	-30.84
4	159.68	25.28	-95.26	-69.98	-40	-29.98
5	198.04	22.21	-95.26	-73.05	-40	-33.05
6	380	25.81	-95.26	-69.45	-40	-29.45

Remarks:

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

10MHz

Mode	TX Low	Frequency Range	Below 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.63	28.35	-95.26	-66.91	-40	-26.91
2	109.15	23.72	-95.26	-71.54	-40	-31.54
3	148.72	23.22	-95.26	-72.04	-40	-32.04
4	197.26	27.73	-95.26	-67.53	-40	-27.53
5	310.75	23.08	-95.26	-72.18	-40	-32.18
6	485.4	27.58	-95.26	-67.68	-40	-27.68
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.53	32.43	-95.26	-62.83	-40	-22.83
2	47.76	28.93	-95.26	-66.33	-40	-26.33
3	106.87	23.89	-95.26	-71.37	-40	-31.37
4	159.64	25.22	-95.26	-70.04	-40	-30.04
5	198.08	21.58	-95.26	-73.68	-40	-33.68
6	380.46	25.72	-95.26	-69.54	-40	-29.54

Remarks:

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

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

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.68	28.39	-95.26	-66.87	-40	-26.87
2	108.96	23.4	-95.26	-71.86	-40	-31.86
3	149.13	24.1	-95.26	-71.16	-40	-31.16
4	197.7	26.59	-95.26	-68.67	-40	-28.67
5	310.76	22.55	-95.26	-72.71	-40	-32.71
6	485.02	28.12	-95.26	-67.14	-40	-27.14

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.64	31.85	-95.26	-63.41	-40	-23.41
2	47.64	29.83	-95.26	-65.43	-40	-25.43
3	106.72	24.62	-95.26	-70.64	-40	-30.64
4	159.68	25.67	-95.26	-69.59	-40	-29.59
5	198.2	22.7	-95.26	-72.56	-40	-32.56
6	380.56	25.55	-95.26	-69.71	-40	-29.71

Remarks:

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

Mode	TX High	Frequency Range	Below 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.84	29.07	-95.26	-66.19	-40	-26.19
2	109.27	22.91	-95.26	-72.35	-40	-32.35
3	148.8	22.6	-95.26	-72.66	-40	-32.66
4	197.3	26.56	-95.26	-68.70	-40	-28.70
5	311.17	23.21	-95.26	-72.05	-40	-32.05
6	485.41	28.46	-95.26	-66.80	-40	-26.80
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.63	31.17	-95.26	-64.09	-40	-24.09
2	47.56	30.04	-95.26	-65.22	-40	-25.22
3	107.29	24.38	-95.26	-70.88	-40	-30.88
4	159.41	24.96	-95.26	-70.30	-40	-30.30
5	197.75	22.3	-95.26	-72.96	-40	-32.96
6	380.47	25.68	-95.26	-69.58	-40	-29.58

Remarks:

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

15MHz

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

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.79	28.68	-95.26	-66.58	-40	-26.58
2	108.92	23.05	-95.26	-72.21	-40	-32.21
3	149.14	24.16	-95.26	-71.10	-40	-31.10
4	196.59	27.65	-95.26	-67.61	-40	-27.61
5	311.42	23.32	-95.26	-71.94	-40	-31.94
6	485.47	28.25	-95.26	-67.01	-40	-27.01

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.89	32.57	-95.26	-62.69	-40	-22.69
2	47.27	29.39	-95.26	-65.87	-40	-25.87
3	107.57	24.16	-95.26	-71.10	-40	-31.10
4	159.15	26.01	-95.26	-69.25	-40	-29.25
5	198.13	21.55	-95.26	-73.71	-40	-33.71
6	380.11	26.01	-95.26	-69.25	-40	-29.25

Remarks:

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

Mode	TX Middle	Frequency Range	Below 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.83	28.12	-95.26	-67.14	-40	-27.14
2	109.06	23.84	-95.26	-71.42	-40	-31.42
3	148.55	24.97	-95.26	-70.29	-40	-30.29
4	197.17	26.15	-95.26	-69.11	-40	-29.11
5	311.54	22.13	-95.26	-73.13	-40	-33.13
6	486.04	28.72	-95.26	-66.54	-40	-26.54
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.99	32.38	-95.26	-62.88	-40	-22.88
2	47.32	30.42	-95.26	-64.84	-40	-24.84
3	106.76	24.67	-95.26	-70.59	-40	-30.59
4	159.08	26.3	-95.26	-68.96	-40	-28.96
5	198.46	23.26	-95.26	-72.00	-40	-32.00
6	380.07	25.37	-95.26	-69.89	-40	-29.89

Remarks:

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

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

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.99	29.71	-95.26	-65.55	-40	-25.55
2	108.86	23.53	-95.26	-71.73	-40	-31.73
3	148.63	21.92	-95.26	-73.34	-40	-33.34
4	196.55	27.25	-95.26	-68.01	-40	-28.01
5	311.52	23.11	-95.26	-72.15	-40	-32.15
6	485.95	27.85	-95.26	-67.41	-40	-27.41

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.82	31.63	-95.26	-63.63	-40	-23.63
2	47.14	30.32	-95.26	-64.94	-40	-24.94
3	106.9	25.11	-95.26	-70.15	-40	-30.15
4	159.78	24.85	-95.26	-70.41	-40	-30.41
5	198.76	22.19	-95.26	-73.07	-40	-33.07
6	379.85	24.87	-95.26	-70.39	-40	-30.39

Remarks:

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

20MHz

Mode	TX Low	Frequency Range	Below 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.74	28.86	-95.26	-66.40	-40	-26.40
2	108.86	23.54	-95.26	-71.72	-40	-31.72
3	148.66	24.17	-95.26	-71.09	-40	-31.09
4	196.89	28.02	-95.26	-67.24	-40	-27.24
5	311.17	23.31	-95.26	-71.95	-40	-31.95
6	485.61	28.23	-95.26	-67.03	-40	-27.03
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.74	32.8	-95.26	-62.46	-40	-22.46
2	47.48	29.06	-95.26	-66.20	-40	-26.20
3	107.15	23.82	-95.26	-71.44	-40	-31.44
4	159.4	25.68	-95.26	-69.58	-40	-29.58
5	198.32	21.32	-95.26	-73.94	-40	-33.94
6	380.1	26.48	-95.26	-68.78	-40	-28.78

Remarks:

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

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

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.88	27.96	-95.26	-67.30	-40	-27.30
2	108.41	23.39	-95.26	-71.87	-40	-31.87
3	149.09	25.29	-95.26	-69.97	-40	-29.97
4	197.22	26.56	-95.26	-68.70	-40	-28.70
5	310.95	22.6	-95.26	-72.66	-40	-32.66
6	486.06	28.99	-95.26	-66.27	-40	-26.27

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.95	32.79	-95.26	-62.47	-40	-22.47
2	47.1	30.52	-95.26	-64.74	-40	-24.74
3	107.58	24.65	-95.26	-70.61	-40	-30.61
4	159.49	25.88	-95.26	-69.38	-40	-29.38
5	198.65	23.11	-95.26	-72.15	-40	-32.15
6	379.64	25.07	-95.26	-70.19	-40	-30.19

Remarks:

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

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

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.86	29.91	-95.26	-65.35	-40	-25.35
2	108.45	23.23	-95.26	-72.03	-40	-32.03
3	148.49	22.19	-95.26	-73.07	-40	-33.07
4	197.23	27.09	-95.26	-68.17	-40	-28.17
5	310.71	23.36	-95.26	-71.90	-40	-31.90
6	485.78	27.53	-95.26	-67.73	-40	-27.73

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	30.75	31.61	-95.26	-63.65	-40	-23.65
2	47.11	30.52	-95.26	-64.74	-40	-24.74
3	107.11	24.99	-95.26	-70.27	-40	-30.27
4	159.14	25.2	-95.26	-70.06	-40	-30.06
5	198.45	22.48	-95.26	-72.78	-40	-32.78
6	380.34	24.57	-95.26	-70.69	-40	-30.69

Remarks:

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

Above 1GHz Data :

Band 48

5MHz

Mode	TX Low	Frequency Range	Above 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7110	31.34	-95.26	-63.92	-40	-23.92
2	8887.5	32.42	-95.26	-62.84	-40	-22.84
3	10665	31.59	-95.26	-63.67	-40	-23.67
4	12442.5	32.55	-95.26	-62.71	-40	-22.71
5	14220	32.56	-95.26	-62.70	-40	-22.70
6	15997.5	32.63	-95.26	-62.63	-40	-22.63
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7110	31.53	-95.26	-63.73	-40	-23.73
2	8887.5	32.34	-95.26	-62.92	-40	-22.92
3	10665	32.53	-95.26	-62.73	-40	-22.73
4	12442.5	32.17	-95.26	-63.09	-40	-23.09
5	14220	32.4	-95.26	-62.86	-40	-22.86
6	15997.5	32.76	-95.26	-62.50	-40	-22.50

Remarks:

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

Mode	TX Middle	Frequency Range	Above 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7250	31.87	-95.26	-63.39	-40	-23.39
2	9062.5	32.48	-95.26	-62.78	-40	-22.78
3	10875	32.16	-95.26	-63.10	-40	-23.10
4	12687.5	32.35	-95.26	-62.91	-40	-22.91
5	14500	33.01	-95.26	-62.25	-40	-22.25
6	16312.5	33.35	-95.26	-61.91	-40	-21.91
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7250	31.22	-95.26	-64.04	-40	-24.04
2	9062.5	31.73	-95.26	-63.53	-40	-23.53
3	10875	32.44	-95.26	-62.82	-40	-22.82
4	12687.5	32.49	-95.26	-62.77	-40	-22.77
5	14500	32.52	-95.26	-62.74	-40	-22.74
6	16312.5	33.69	-95.26	-61.57	-40	-21.57

Remarks:

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

Mode	TX High	Frequency Range	Above 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7390	31.88	-95.26	-63.38	-40	-23.38
2	9237.5	32.18	-95.26	-63.08	-40	-23.08
3	11085	32.13	-95.26	-63.13	-40	-23.13
4	12932.5	32.22	-95.26	-63.04	-40	-23.04
5	14780	32.83	-95.26	-62.43	-40	-22.43
6	16627.5	32.91	-95.26	-62.35	-40	-22.35
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7390	31.47	-95.26	-63.79	-40	-23.79
2	9237.5	32.23	-95.26	-63.03	-40	-23.03
3	11085	32.76	-95.26	-62.50	-40	-22.50
4	12932.5	32.16	-95.26	-63.10	-40	-23.10
5	14780	32.75	-95.26	-62.51	-40	-22.51
6	16627.5	33.5	-95.26	-61.76	-40	-21.76

Remarks:

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

10MHz

Mode	TX Low	Frequency Range	Above 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7120	31.5	-95.26	-63.76	-40	-23.76
2	8900	32.03	-95.26	-63.23	-40	-23.23
3	10680	31.14	-95.26	-64.12	-40	-24.12
4	12460	32.16	-95.26	-63.10	-40	-23.10
5	14240	32.76	-95.26	-62.50	-40	-22.50
6	16020	32.49	-95.26	-62.77	-40	-22.77

Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7120	31.6	-95.26	-63.66	-40	-23.66
2	8900	32.54	-95.26	-62.72	-40	-22.72
3	10680	32.59	-95.26	-62.67	-40	-22.67
4	12460	32.37	-95.26	-62.89	-40	-22.89
5	14240	32.53	-95.26	-62.73	-40	-22.73
6	16020	32.93	-95.26	-62.33	-40	-22.33

Remarks:

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

Mode	TX Middle	Frequency Range	Above 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7250	32	-95.26	-63.26	-40	-23.26
2	9062.5	32.69	-95.26	-62.57	-40	-22.57
3	10875	32.38	-95.26	-62.88	-40	-22.88
4	12687.5	32.47	-95.26	-62.79	-40	-22.79
5	14500	33.04	-95.26	-62.22	-40	-22.22
6	16312.5	33.56	-95.26	-61.70	-40	-21.70
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7250	31.4	-95.26	-63.86	-40	-23.86
2	9062.5	31.86	-95.26	-63.40	-40	-23.40
3	10875	32.66	-95.26	-62.60	-40	-22.60
4	12687.5	32.56	-95.26	-62.70	-40	-22.70
5	14500	32.57	-95.26	-62.69	-40	-22.69
6	16312.5	33.73	-95.26	-61.53	-40	-21.53

Remarks:

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

Mode	TX High	Frequency Range	Above 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7380	31.95	-95.26	-63.31	-40	-23.31
2	9225	32.21	-95.26	-63.05	-40	-23.05
3	11070	32.21	-95.26	-63.05	-40	-23.05
4	12915	32.25	-95.26	-63.01	-40	-23.01
5	14760	33.01	-95.26	-62.25	-40	-22.25
6	16605	33.07	-95.26	-62.19	-40	-22.19
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7380	31.64	-95.26	-63.62	-40	-23.62
2	9225	32.46	-95.26	-62.80	-40	-22.80
3	11070	32.94	-95.26	-62.32	-40	-22.32
4	12915	32.35	-95.26	-62.91	-40	-22.91
5	14760	32.98	-95.26	-62.28	-40	-22.28
6	16605	33.56	-95.26	-61.70	-40	-21.70

Remarks:

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

15MHz

Mode	TX Low	Frequency Range	Above 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7130	31.66	-95.26	-63.60	-40	-23.60
2	8912.5	31.97	-95.26	-63.29	-40	-23.29
3	10695	31.52	-95.26	-63.74	-40	-23.74
4	12477.5	31.93	-95.26	-63.33	-40	-23.33
5	14260	32.55	-95.26	-62.71	-40	-22.71
6	16042.5	32.7	-95.26	-62.56	-40	-22.56
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7130	31.74	-95.26	-63.52	-40	-23.52
2	8912.5	32.71	-95.26	-62.55	-40	-22.55
3	10695	32.78	-95.26	-62.48	-40	-22.48
4	12477.5	32.41	-95.26	-62.85	-40	-22.85
5	14260	32.67	-95.26	-62.59	-40	-22.59
6	16042.5	32.94	-95.26	-62.32	-40	-22.32

Remarks:

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

Mode	TX Middle	Frequency Range	Above 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7250	32.18	-95.26	-63.08	-40	-23.08
2	9062.5	32.88	-95.26	-62.38	-40	-22.38
3	10875	32.42	-95.26	-62.84	-40	-22.84
4	12687.5	32.66	-95.26	-62.60	-40	-22.60
5	14500	33.23	-95.26	-62.03	-40	-22.03
6	16312.5	33.61	-95.26	-61.65	-40	-21.65
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7250	31.6	-95.26	-63.66	-40	-23.66
2	9062.5	31.88	-95.26	-63.38	-40	-23.38
3	10875	32.7	-95.26	-62.56	-40	-22.56
4	12687.5	32.81	-95.26	-62.45	-40	-22.45
5	14500	32.67	-95.26	-62.59	-40	-22.59
6	16312.5	33.88	-95.26	-61.38	-40	-21.38

Remarks:

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

Mode	TX High	Frequency Range	Above 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7370	32.16	-95.26	-63.10	-40	-23.10
2	9212.5	32.3	-95.26	-62.96	-40	-22.96
3	11055	32.34	-95.26	-62.92	-40	-22.92
4	12897.5	32.46	-95.26	-62.80	-40	-22.80
5	14740	33.17	-95.26	-62.09	-40	-22.09
6	16582.5	33.22	-95.26	-62.04	-40	-22.04
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7370	31.74	-95.26	-63.52	-40	-23.52
2	9212.5	32.47	-95.26	-62.79	-40	-22.79
3	11055	32.95	-95.26	-62.31	-40	-22.31
4	12897.5	32.36	-95.26	-62.90	-40	-22.90
5	14740	33.09	-95.26	-62.17	-40	-22.17
6	16582.5	33.66	-95.26	-61.60	-40	-21.60

Remarks:

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

20MHz

Mode	TX Low	Frequency Range	Above 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7140	31.69	-95.26	-63.57	-40	-23.57
2	8925	31.48	-95.26	-63.78	-40	-23.78
3	10710	31.75	-95.26	-63.51	-40	-23.51
4	12495	32.09	-95.26	-63.17	-40	-23.17
5	14280	32.14	-95.26	-63.12	-40	-23.12
6	16065	32.36	-95.26	-62.90	-40	-22.90
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7140	31.84	-95.26	-63.42	-40	-23.42
2	8925	32.86	-95.26	-62.40	-40	-22.40
3	10710	32.8	-95.26	-62.46	-40	-22.46
4	12495	32.52	-95.26	-62.74	-40	-22.74
5	14280	32.78	-95.26	-62.48	-40	-22.48
6	16065	33.05	-95.26	-62.21	-40	-22.21

Remarks:

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

Mode	TX Middle	Frequency Range	Above 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7250	32.41	-95.26	-62.85	-40	-22.85
2	9062.5	32.91	-95.26	-62.35	-40	-22.35
3	10875	32.52	-95.26	-62.74	-40	-22.74
4	12687.5	32.72	-95.26	-62.54	-40	-22.54
5	14500	33.41	-95.26	-61.85	-40	-21.85
6	16312.5	33.76	-95.26	-61.50	-40	-21.50
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7250	31.73	-95.26	-63.53	-40	-23.53
2	9062.5	32.09	-95.26	-63.17	-40	-23.17
3	10875	32.95	-95.26	-62.31	-40	-22.31
4	12687.5	33.01	-95.26	-62.25	-40	-22.25
5	14500	32.84	-95.26	-62.42	-40	-22.42
6	16312.5	34.04	-95.26	-61.22	-40	-21.22

Remarks:

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

Mode	TX High	Frequency Range	Above 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7360	32.25	-95.26	-63.01	-40	-23.01
2	9200	32.54	-95.26	-62.72	-40	-22.72
3	11040	32.42	-95.26	-62.84	-40	-22.84
4	12880	32.65	-95.26	-62.61	-40	-22.61
5	14720	33.34	-95.26	-61.92	-40	-21.92
6	16560	33.32	-95.26	-61.94	-40	-21.94
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7360	31.93	-95.26	-63.33	-40	-23.33
2	9200	32.6	-95.26	-62.66	-40	-22.66
3	11040	33.02	-95.26	-62.24	-40	-22.24
4	12880	32.46	-95.26	-62.80	-40	-22.80
5	14720	33.22	-95.26	-62.04	-40	-22.04
6	16560	33.9	-95.26	-61.36	-40	-21.36

Remarks:

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

5 Pictures of Test Arrangements

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

Appendix – Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

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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