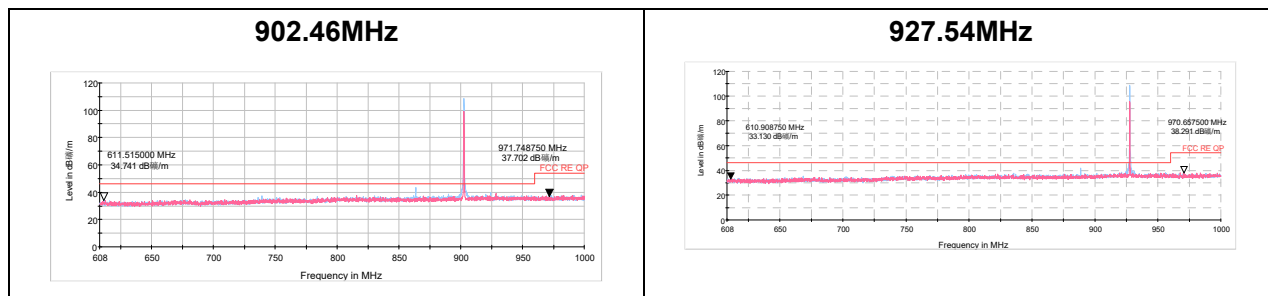


ANNEX A: Test Result

1. Unwanted Emission

The signal beyond the limit is carrier.

A font (Level in dB μ V/m) in the test plot =(level in dB μ V/m)



Result of RE

Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier.

Remark:

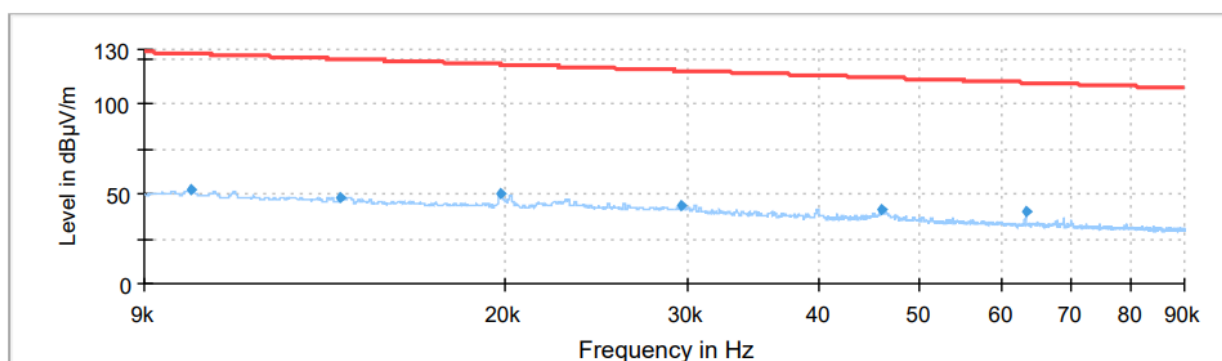
1. **Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)**
2. **Margin = Limit – Quasi-Peak/ MAX Peak/ Average**
3. **The following graphs display the maximum values of coaxial and coplanar for 9k-30MHz; horizontal and vertical for above 30MHz by software.**
4. **For below 1GHz**

 QP Level @Spectrum Overview H
  QP Level @Spectrum Overview V
  QP Level @Final Results
  QP Limit

For above 1GHz

 PK Level @Spectrum Overview H
  PK Level @Spectrum Overview V
  PK Level @Final Results
  PK Limit
 AVG Level @Spectrum Overview H
  AVG Level @Spectrum Overview V
  AVG Level @Final Results
  AVG Limit

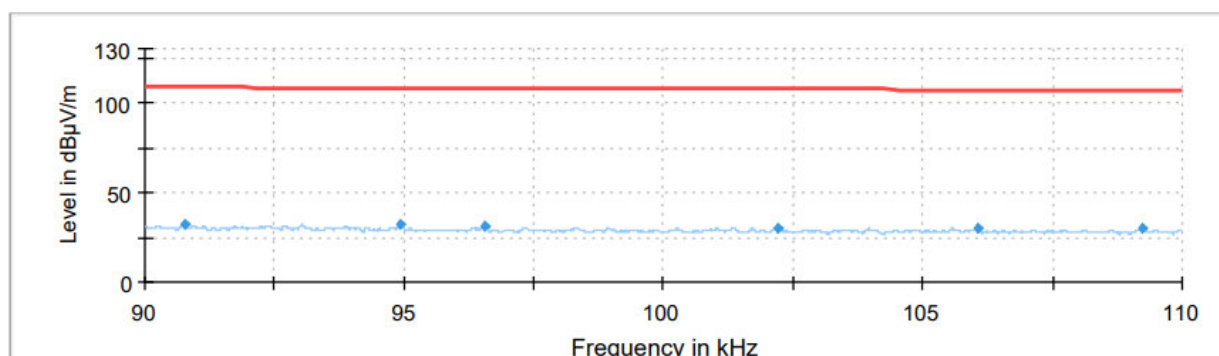
During the test, the Radiates Emission from 9kHz to 1GHz was performed in all modes with all channels, 927.54MHz are selected as the worst condition. The test data of the worst-case condition was recorded in this report.



Radiates Emission from 9kHz to 90kHz

Final Result

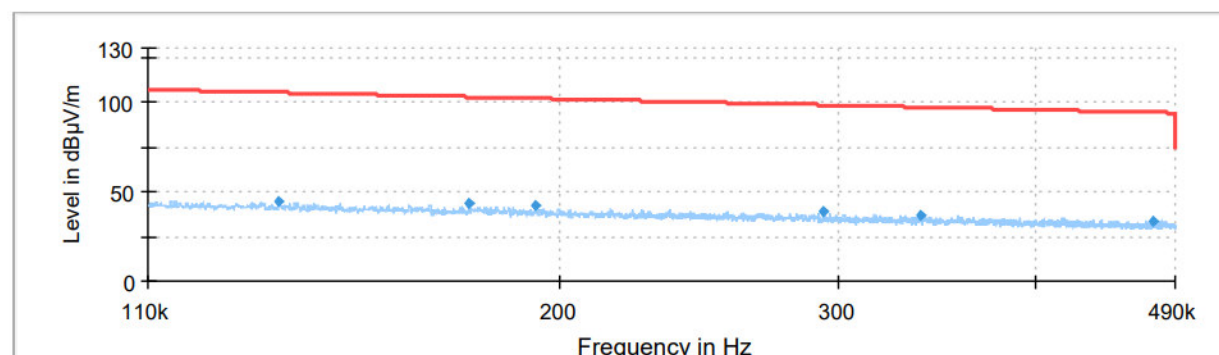
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB/m)
0.01	51.75	127.62	75.87	500.00	0.200	310.00	18
0.01	48.11	124.75	76.64	500.00	0.200	302.00	18
0.02	50.34	121.67	71.32	500.00	0.200	248.00	17
0.03	43.52	118.18	74.66	500.00	0.200	60.00	17
0.05	40.79	114.34	73.55	500.00	0.200	356.00	17
0.06	40.13	111.57	71.43	500.00	0.200	69.00	17



Radiates Emission from 90kHz to 110kHz

Final Result

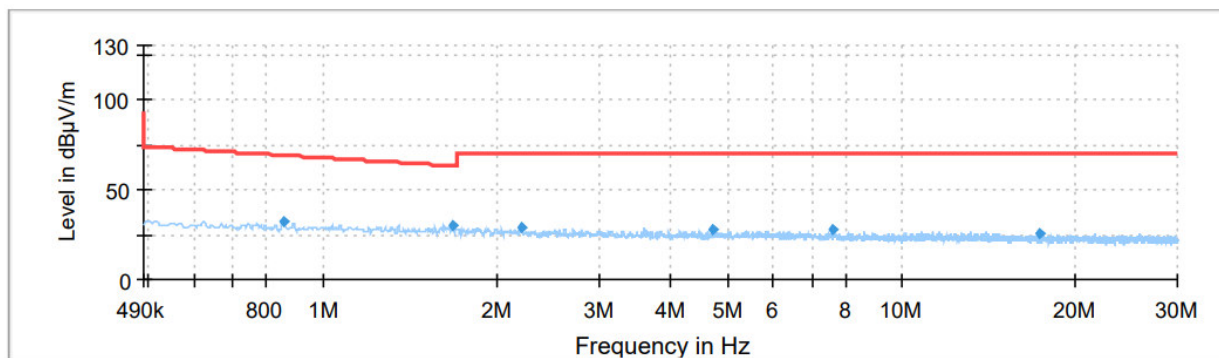
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB/m)
0.09	31.96	108.45	76.49	150.00	0.200	1.00	17
0.09	31.83	108.06	76.23	150.00	0.200	270.00	17
0.10	30.63	107.91	77.28	150.00	0.200	33.00	17
0.10	29.97	107.41	77.45	150.00	0.200	350.00	17
0.11	29.87	107.09	77.23	150.00	0.200	359.00	17
0.11	30.13	106.84	76.70	150.00	0.200	209.00	17



Radiates Emission from 110kHz to 490kHz

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB/m)
0.13	44.00	105.12	61.12	150.00	9.000	5.00	17
0.18	42.97	102.72	59.75	150.00	9.000	51.00	17
0.19	41.75	101.87	60.12	150.00	9.000	356.00	17
0.29	38.69	98.25	59.56	150.00	9.000	359.00	17
0.34	36.79	97.03	60.23	150.00	9.000	319.00	17
0.47	33.06	94.09	61.03	150.00	9.000	243.00	17

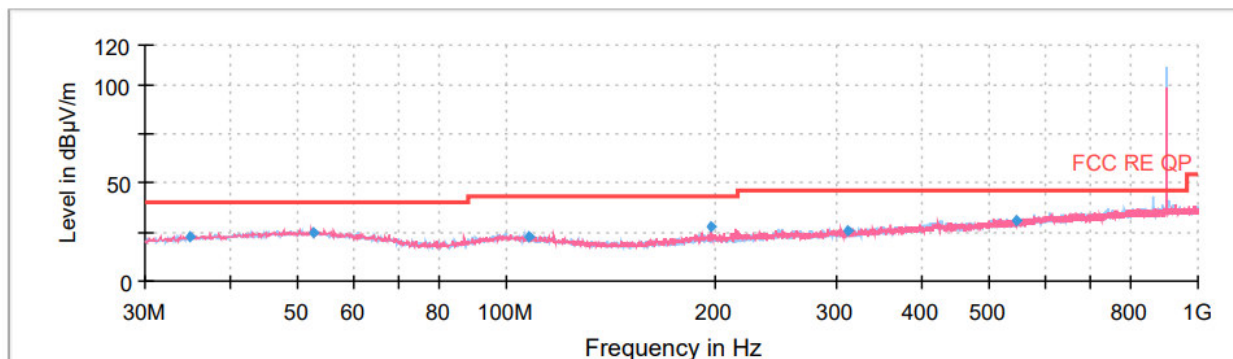


Radiates Emission from 490kHz to 30MHz

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Azimuth (deg)	Corr. (dB/m)
0.86	31.91	68.96	37.05	150.00	9.000	134.00	17
1.67	29.84	63.12	33.28	150.00	9.000	0.00	17
2.21	29.08	69.50	40.42	150.00	9.000	167.00	17
4.71	27.27	69.50	42.23	150.00	9.000	149.00	17
7.62	27.43	69.50	42.07	150.00	9.000	101.00	17
17.29	25.94	69.50	43.56	150.00	9.000	178.00	17

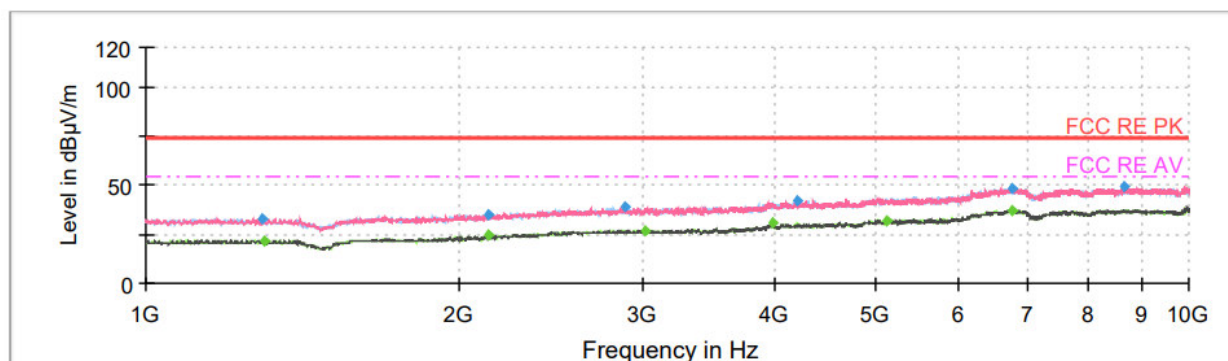
902.46 MHz



Radiates Emission from 30MHz to 1GHz
Note: The signal beyond the limit is carrier.

Frequency (MHz)	Quasi-Peak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
34.90	22.60	40.00	17.40	178.0	H	306.00	18
52.51	24.78	40.00	15.22	193.0	V	0.00	20
108.06	22.19	43.50	21.31	191.0	H	67.00	18
198.03	27.65	43.50	15.85	222.0	V	254.00	18
312.64	25.78	46.00	20.22	112.0	H	300.00	21
545.12	30.80	46.00	15.20	200.0	V	48.00	26

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)
2. Margin = Limit – Quasi-Peak

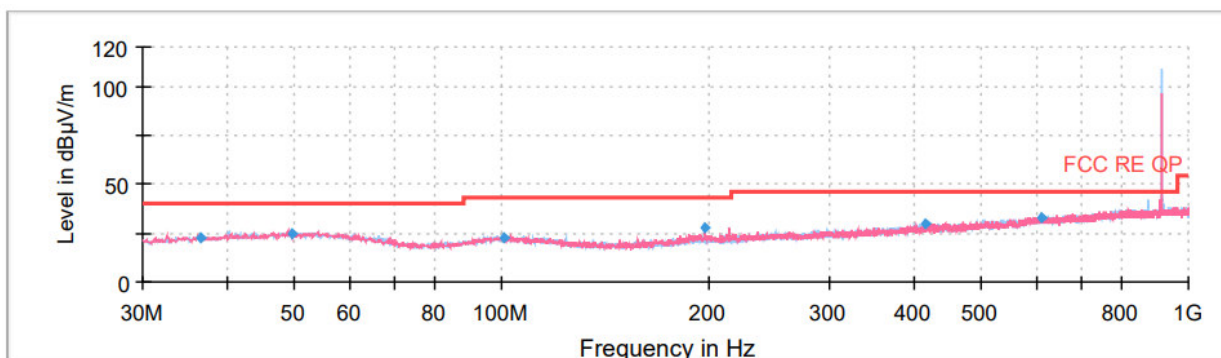


Radiates Emission from 1GHz to 10GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1294.75	33.12	---	74.00	40.88	500.00	100.0	V	355.00	-14
1298.13	---	21.93	54.00	32.07	500.00	100.0	V	0.00	-14
2125.00	---	24.41	54.00	29.59	500.00	100.0	H	9.00	-10
2125.00	34.93	---	74.00	39.07	500.00	200.0	V	326.00	-10
2881.00	38.98	---	74.00	35.02	500.00	200.0	H	0.00	-7
3008.13	---	27.08	54.00	26.92	500.00	200.0	V	3.00	-7
3984.63	---	30.47	54.00	23.53	500.00	200.0	H	90.00	-4
4214.13	41.93	---	74.00	32.07	500.00	100.0	H	87.00	-3
5132.13	---	31.85	54.00	22.15	500.00	100.0	V	356.00	0
6753.25	---	37.43	54.00	16.57	500.00	200.0	V	1.00	5
6770.13	48.47	---	74.00	25.53	500.00	200.0	H	0.00	5
8665.75	48.84	---	74.00	25.16	500.00	200.0	H	358.00	7

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

915MHz



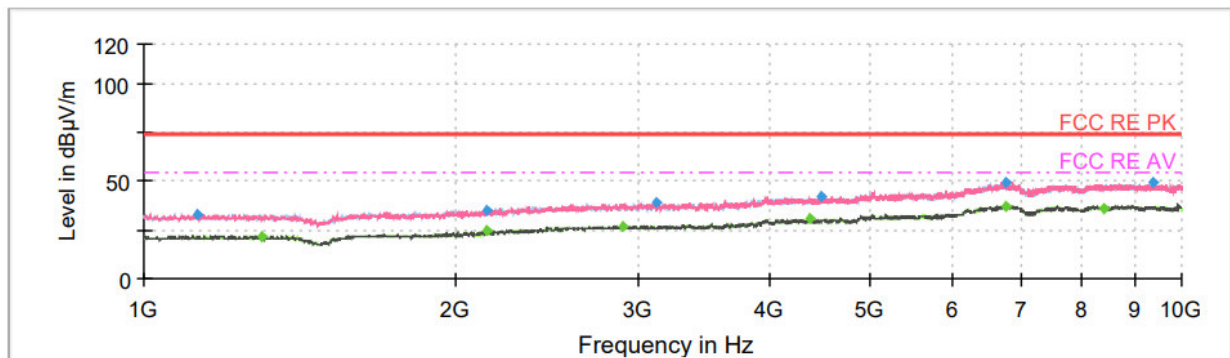
Radiates Emission from 30MHz to 1GHz

Note: The signal beyond the limit is carrier.

Frequency (MHz)	Quasi-Peak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
36.42	22.80	40.00	17.20	195.0	V	110.00	18
49.36	24.71	40.00	15.29	201.0	V	345.00	20
100.90	23.01	43.50	20.49	181.0	H	346.00	19
198.00	28.11	43.50	15.39	222.0	V	38.00	18
414.08	29.24	46.00	16.76	101.0	H	268.00	24
611.36	32.79	46.00	13.21	100.0	H	76.00	28

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit – Quasi-Peak

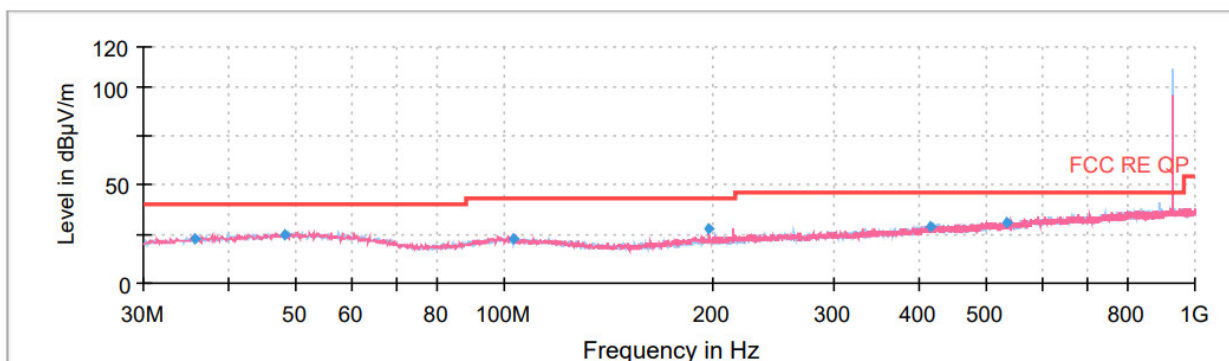


Radiates Emission from 1GHz to 10GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1126.00	33.10	---	74.00	40.90	500.00	200.0	H	5.00	-15
1297.00	---	21.95	54.00	32.05	500.00	100.0	H	0.00	-14
2138.50	35.12	---	74.00	38.88	500.00	100.0	H	28.00	-9
2143.00	---	24.13	54.00	29.87	500.00	200.0	V	6.00	-9
2891.13	---	27.09	54.00	26.91	500.00	100.0	V	332.00	-7
3113.88	38.59	---	74.00	35.41	500.00	200.0	V	0.00	-7
4377.25	---	30.45	54.00	23.55	500.00	100.0	H	21.00	-3
4492.00	42.15	---	74.00	31.85	500.00	200.0	H	342.00	-3
6771.25	48.98	---	74.00	25.02	500.00	200.0	V	1.00	5
6775.75	---	37.32	54.00	16.68	500.00	100.0	H	288.00	5
8411.50	---	36.34	54.00	17.66	500.00	100.0	H	15.00	6
9386.88	49.09	---	74.00	24.91	500.00	200.0	H	347.00	7

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

927.54MHz



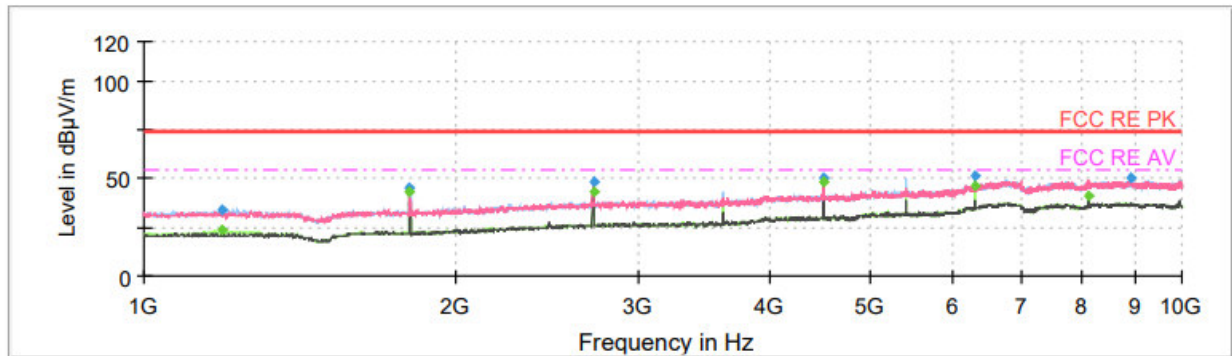
Radiates Emission from 30MHz to 1GHz

Note: The signal beyond the limit is carrier.

Frequency (MHz)	Quasi-Peak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
35.55	22.69	40.00	17.31	222.0	V	314.00	18
48.21	24.72	40.00	15.28	217.0	H	266.00	20
102.67	22.96	43.50	20.54	206.0	V	324.00	19
198.02	28.08	43.50	15.42	220.0	V	345.00	18
413.94	29.07	46.00	16.93	102.0	H	259.00	24
532.15	30.40	46.00	15.60	180.0	H	0.00	26

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit – Quasi-Peak



Radiates Emission from 1GHz to 10GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1190.13	---	23.55	54.00	30.45	500.00	100.0	H	288.00	-14
1191.25	33.83	---	74.00	40.17	500.00	200.0	H	261.00	-14
1804.38	---	42.65	54.00	11.35	500.00	200.0	H	147.00	-12
1804.38	45.05	---	74.00	28.95	500.00	200.0	H	147.00	-12
2706.63	---	43.44	54.00	10.56	500.00	200.0	V	339.00	-7
2706.63	47.71	---	74.00	26.29	500.00	200.0	V	339.00	-7
4512.25	50.59	---	74.00	23.41	500.00	100.0	H	238.00	-2
4512.25	---	48.29	54.00	5.71	500.00	100.0	H	238.00	-2
6316.75	---	45.88	54.00	8.12	500.00	100.0	H	301.00	3
6317.88	51.19	---	74.00	22.81	500.00	100.0	H	301.00	3
8122.38	---	41.40	54.00	12.60	500.00	200.0	V	8.00	6
8931.25	49.93	---	74.00	24.07	500.00	200.0	V	8.00	6

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

2. Conducted Emission

This is product provide by battery, not applicable conducted emission.