

ANNEX A: Test Result

There is more than one Adapters, each one should be applied throughout the compliance test respectively, and however, only the worst case (Adapter 1) will be recorded in this report.

The radiated emission was measured in the following position: EUT stand-up position (Z axis), lie-down position (X, Y axis). The worst emission was found in lie-down position (Z axis for Wi-Fi 2.4G; X axis for Bluetooth LE) and the loop antenna is vertical, the others are vertical and horizontal. and the worst case was recorded.

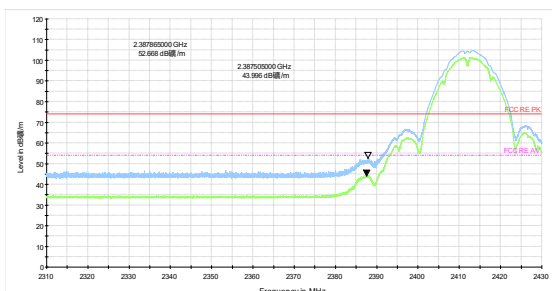
1. Unwanted Emission

1.1. Wi-Fi 2.4GHz

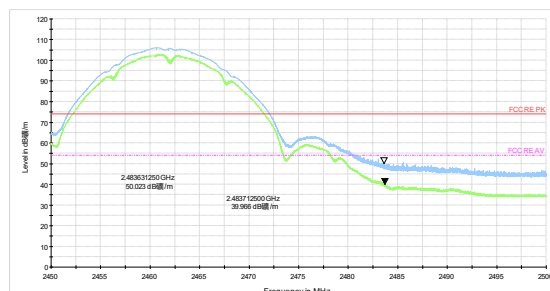
The following graphs display the maximum values of horizontal and vertical by software. Blue trace uses the peak detection, Green trace uses the average detection.

A symbol ($\text{dB}\mu\text{V/m}$) in the test plot below means ($\text{dB}\mu\text{V/m}$)

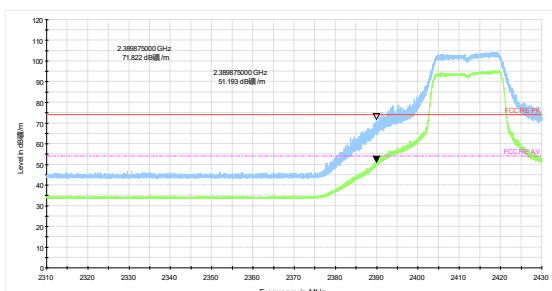
The signal beyond the limit is carrier.



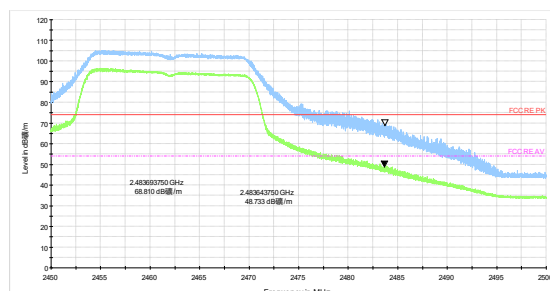
802.11b-Channel 1 Peak+ Average



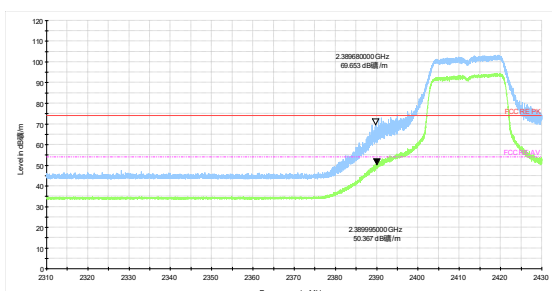
802.11b-Channel 11 Peak+ Average



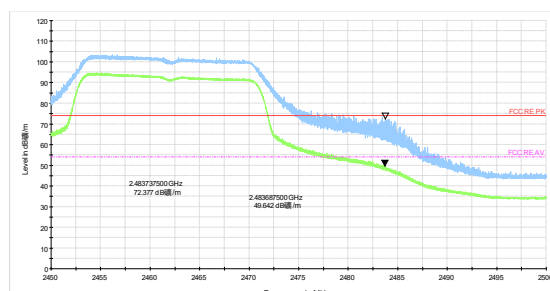
802.11g-Channel 1 Peak+ Average



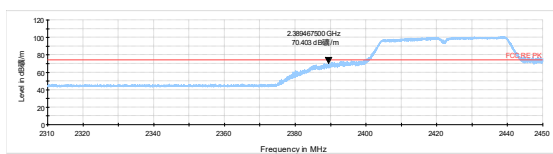
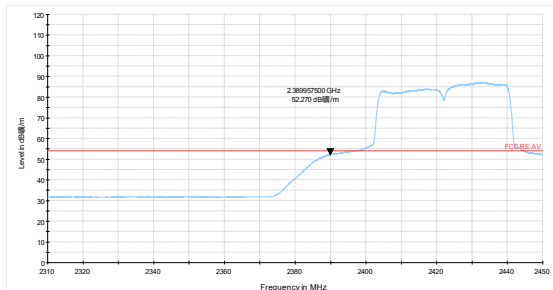
802.11g-Channel 11 Peak+ Average



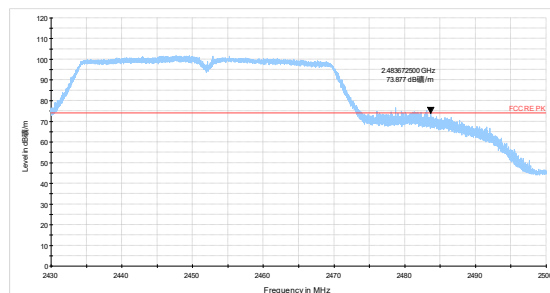
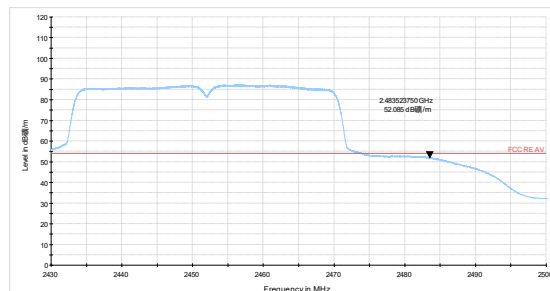
802.11n HT20-Channel 1 Peak+ Average



802.11n HT20-Channel 11 Peak+ Average



802.11n HT40-Channel 3 Peak+ Average



802.11n HT40-Channel 9 Peak+ Average

Result of RE

Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier.
The Radiates Emission from 18GHz to 26.5GHz are more than 20dB below the limit are not reported.

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 horizontal and vertical 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

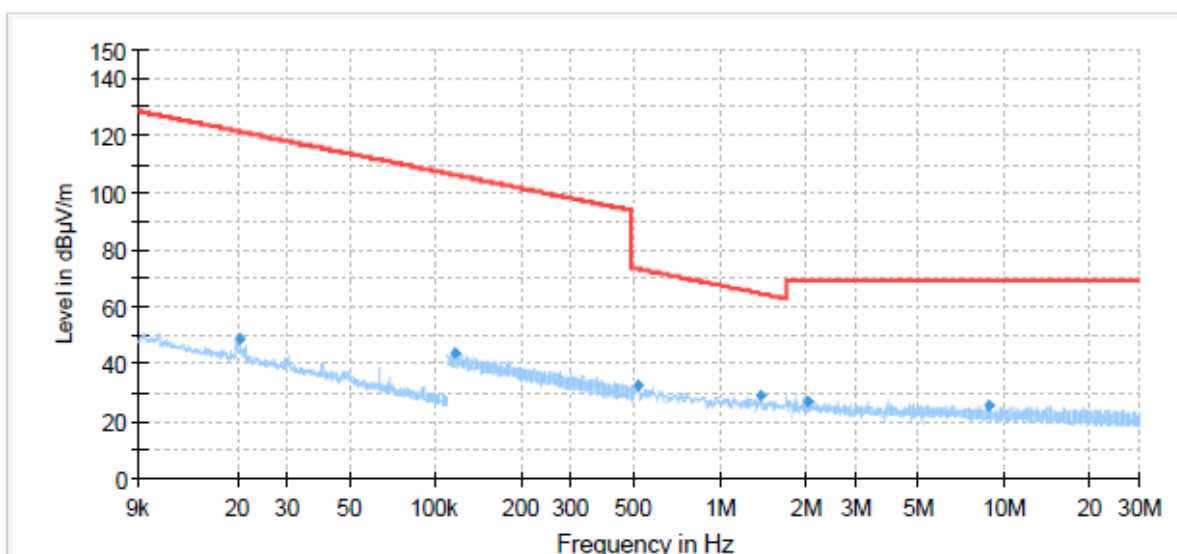
 PK Level @Spectrum Overview H
  PK Level @Spectrum Overview V
  PK Level @Final Results
  PK Limit

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

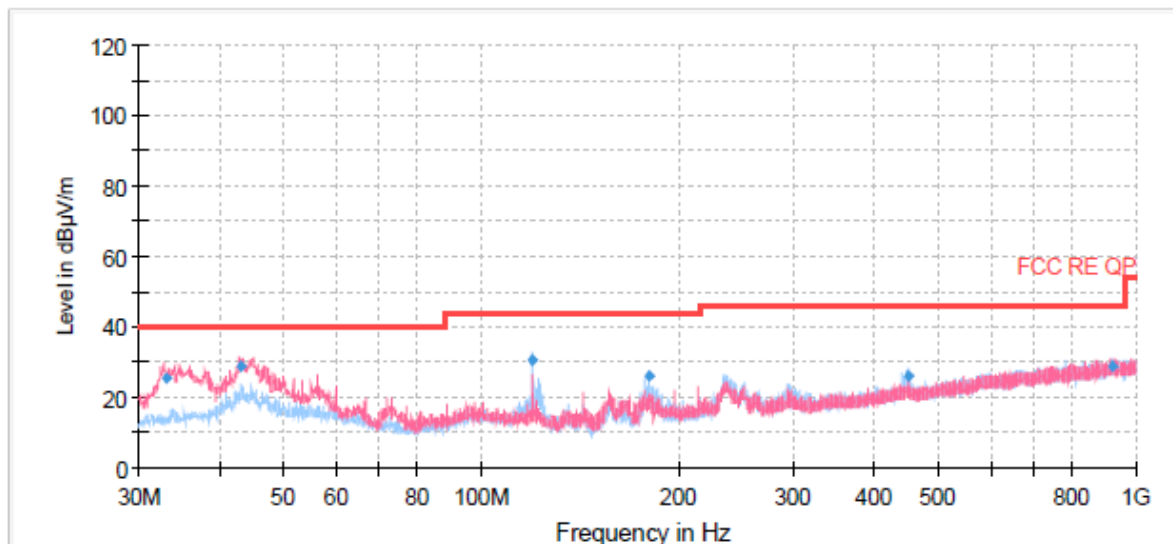
Continuous TX mode:

Test Voltage: 120V/60Hz.

During the test, the Radiates Emission from 9kHz to 1GHz was performed in all modes with all channels, 802.11b, Channel 1 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.



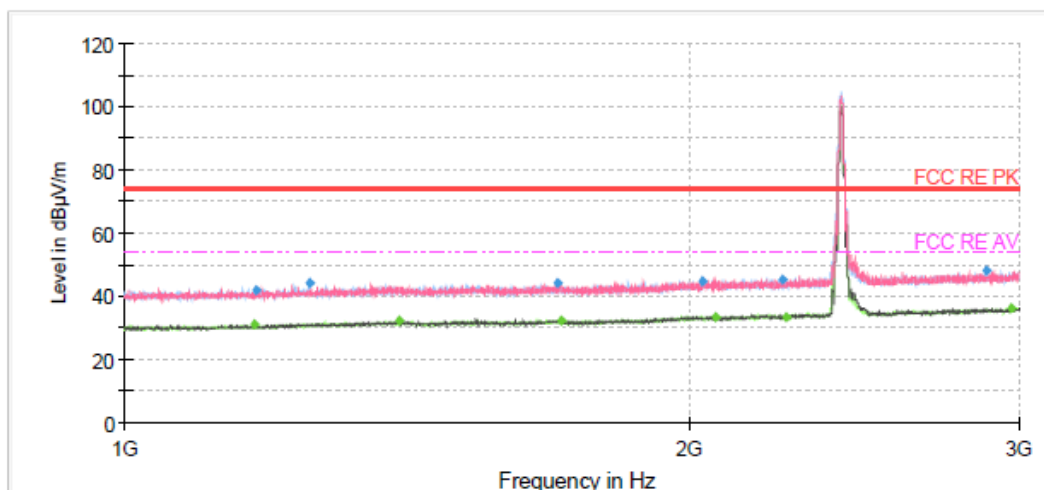
Radiates Emission from 9kHz to 30MHz



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
33.00	25.33	40.00	14.67	101.0	V	28.00	17
42.97	29.03	40.00	10.97	102.0	V	214.00	19
120.01	30.75	43.50	12.75	225.0	H	122.00	17
180.49	26.07	43.50	17.43	175.0	H	101.00	17
448.25	25.95	46.00	20.05	211.0	H	20.00	24
919.53	29.00	46.00	17.00	101.0	H	150.00	31

802.11b CH1

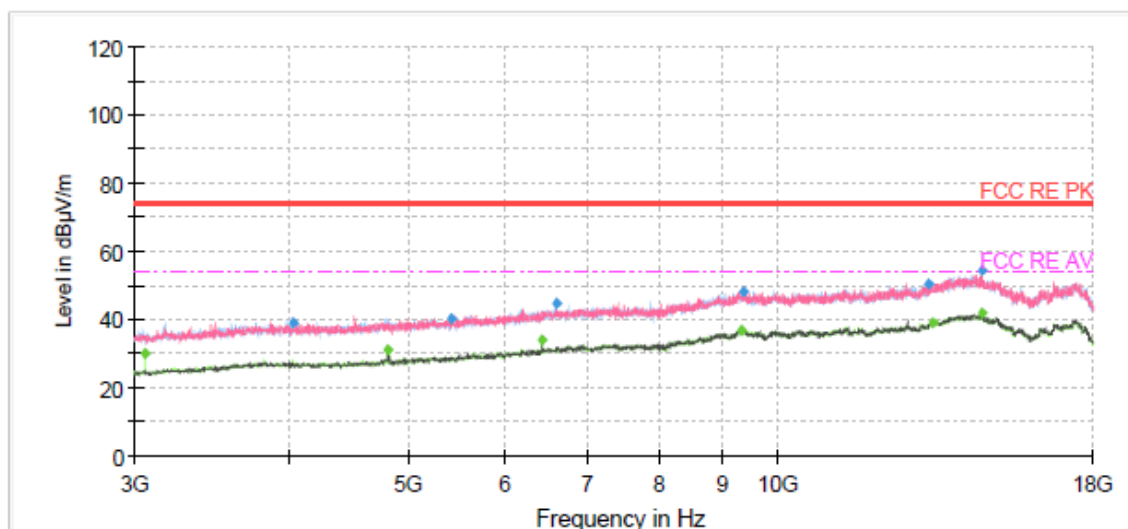


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1174.00	---	31.08	54.00	22.92	500.00	100.0	H	218.00	-6
1176.00	42.03	---	74.00	31.97	500.00	200.0	V	345.00	-6
1253.75	44.26	---	74.00	29.74	500.00	200.0	H	14.00	-5
1400.50	---	32.26	54.00	21.74	500.00	200.0	V	345.00	-4
1701.25	43.87	---	74.00	30.13	500.00	200.0	H	19.00	-3
1710.25	---	32.51	54.00	21.49	500.00	200.0	V	353.00	-3
2031.75	44.79	---	74.00	29.21	500.00	200.0	H	19.00	-2
2068.25	---	33.59	54.00	20.41	500.00	100.0	V	5.00	-2
2243.75	45.20	---	74.00	28.80	500.00	100.0	V	5.00	-1
2254.00	---	33.68	54.00	20.32	500.00	100.0	V	167.00	-1
2880.00	48.02	---	74.00	25.98	500.00	200.0	H	2.00	1
2974.75	---	36.41	54.00	17.59	500.00	100.0	V	13.00	1

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

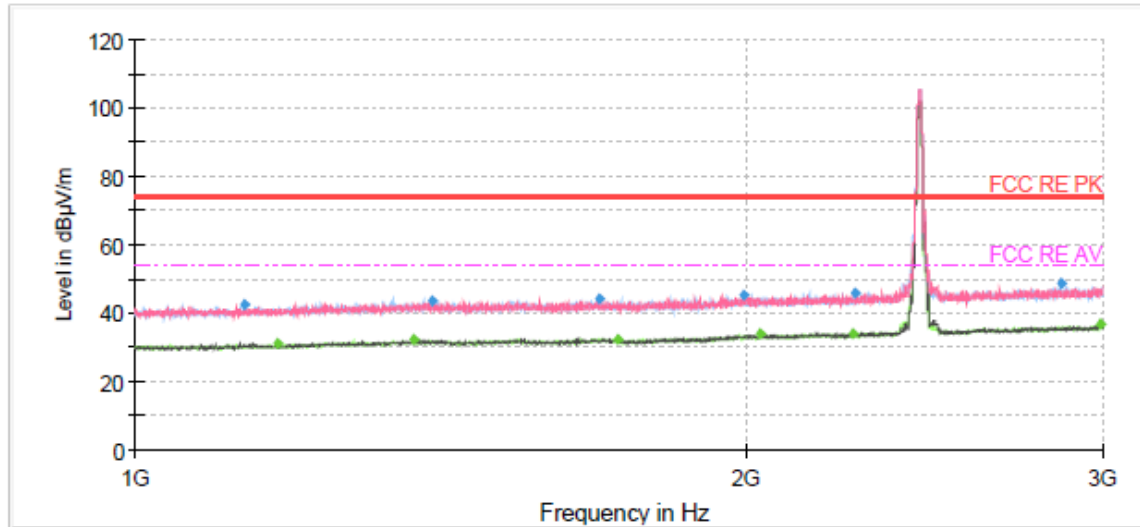


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3054.38	---	30.14	54.00	23.86	500.00	100.0	H	245.00	-9
4027.50	39.20	---	74.00	34.80	500.00	200.0	H	193.00	-6
4822.50	---	31.08	54.00	22.92	500.00	100.0	H	130.00	-4
5430.00	39.95	---	74.00	34.05	500.00	100.0	V	176.00	-3
6431.25	---	33.85	54.00	20.15	500.00	200.0	V	5.00	-1
6588.75	44.45	---	74.00	29.55	500.00	200.0	H	240.00	0
9320.63	---	37.07	54.00	16.93	500.00	100.0	V	341.00	5
9373.13	48.03	---	74.00	25.97	500.00	200.0	V	0.00	5
13250.63	50.61	---	74.00	23.39	500.00	100.0	H	0.00	7
13340.63	---	39.14	54.00	14.86	500.00	100.0	H	183.00	7
14598.75	---	41.90	54.00	12.10	500.00	200.0	V	107.00	9
14611.88	54.20	---	74.00	19.80	500.00	100.0	H	34.00	9

Radiates Emission from 3GHz to 18GHz

802.11b CH6

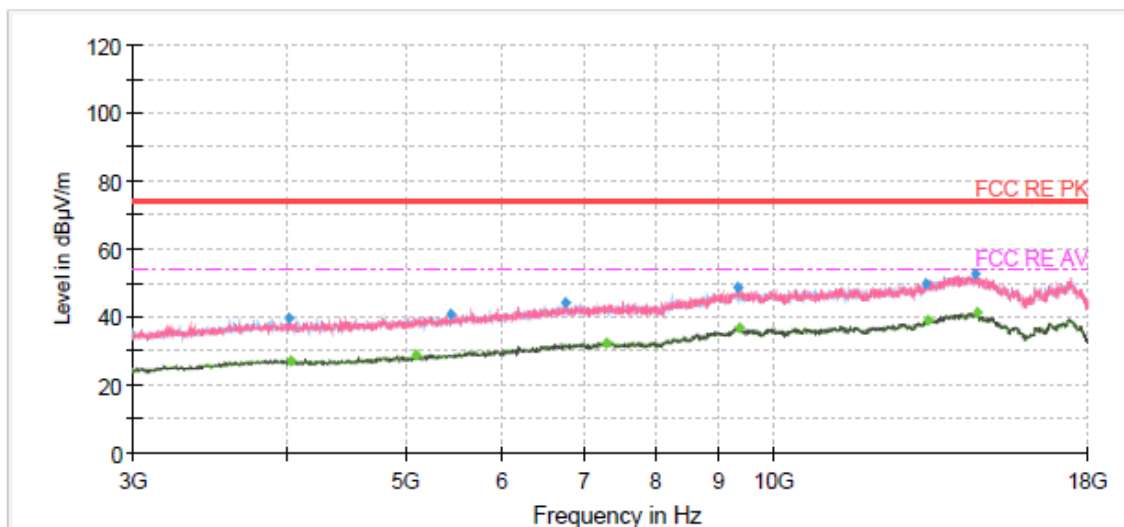


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1131.00	42.24	---	74.00	31.76	500.00	100.0	H	359.00	-6
1176.50	---	30.91	54.00	23.09	500.00	100.0	H	245.00	-6
1372.75	---	32.08	54.00	21.92	500.00	100.0	V	1.00	-5
1401.50	43.76	---	74.00	30.24	500.00	200.0	H	95.00	-4
1692.25	43.88	---	74.00	30.12	500.00	100.0	H	308.00	-3
1729.50	---	32.45	54.00	21.55	500.00	100.0	H	327.00	-3
1993.50	45.08	---	74.00	28.92	500.00	100.0	V	96.00	-2
2034.50	---	33.75	54.00	20.25	500.00	100.0	V	127.00	-2
2257.75	---	34.08	54.00	19.92	500.00	200.0	H	2.00	-1
2265.75	45.94	---	74.00	28.06	500.00	100.0	V	1.00	-1
2861.00	48.62	---	74.00	25.38	500.00	200.0	H	123.00	0
2996.00	---	36.68	54.00	17.32	500.00	100.0	H	175.00	1

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

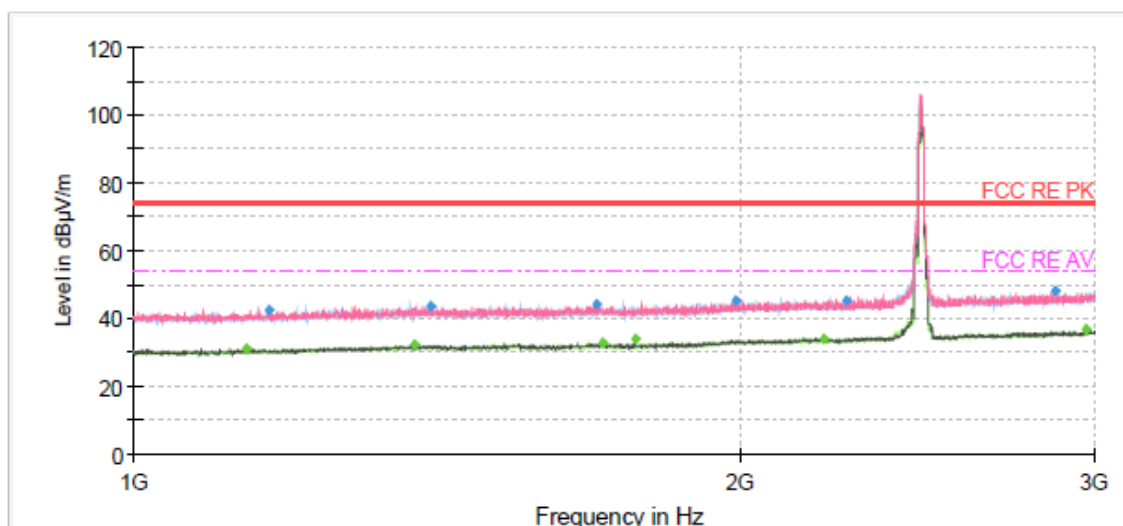


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4023.75	39.38	---	74.00	34.62	500.00	200.0	V	1.00	-6
4027.50	---	27.33	54.00	26.67	500.00	200.0	V	0.00	-6
5094.38	---	28.99	54.00	25.01	500.00	200.0	H	359.00	-4
5443.13	40.55	---	74.00	33.45	500.00	200.0	H	356.00	-3
6740.63	43.90	---	74.00	30.10	500.00	100.0	H	25.00	0
7284.38	---	32.53	54.00	21.47	500.00	200.0	H	352.00	0
9311.25	48.47	---	74.00	25.53	500.00	100.0	H	139.00	5
9345.00	---	36.87	54.00	17.13	500.00	200.0	H	0.00	5
13263.75	50.08	---	74.00	23.92	500.00	200.0	V	4.00	7
13348.13	---	39.04	54.00	14.96	500.00	100.0	V	0.00	7
14585.63	52.57	---	74.00	21.43	500.00	100.0	V	216.00	9
14630.63	---	41.51	54.00	12.49	500.00	100.0	V	22.00	8

Radiates Emission from 3GHz to 18GHz

802.11b CH11

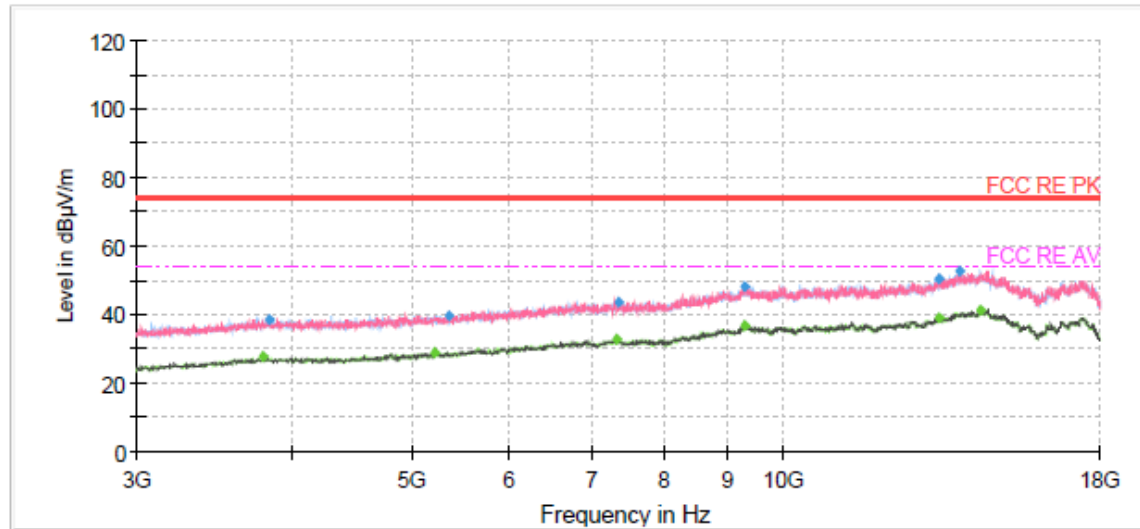


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1138.50	---	31.00	54.00	23.00	500.00	100.0	V	299.00	-6
1166.25	42.47	---	74.00	31.53	500.00	200.0	H	19.00	-6
1379.25	---	32.26	54.00	21.74	500.00	100.0	V	284.00	-5
1406.00	43.60	---	74.00	30.40	500.00	200.0	V	352.00	-4
1699.50	43.99	---	74.00	30.01	500.00	100.0	V	256.00	-3
1710.50	---	32.75	54.00	21.25	500.00	100.0	H	357.00	-3
1773.50	---	34.18	54.00	19.82	500.00	200.0	V	216.00	-3
1990.75	45.52	---	74.00	28.48	500.00	200.0	V	307.00	-2
2203.25	---	33.95	54.00	20.05	500.00	200.0	V	333.00	-1
2257.50	45.25	---	74.00	28.75	500.00	100.0	H	328.00	-1
2870.00	47.97	---	74.00	26.03	500.00	200.0	V	333.00	1
2971.50	---	36.64	54.00	17.36	500.00	200.0	V	352.00	1

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

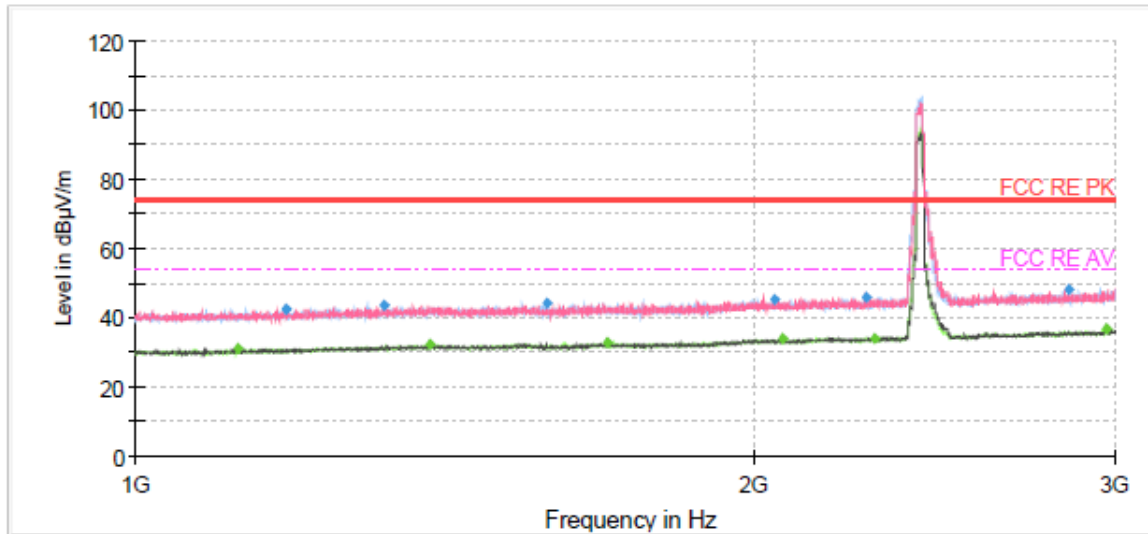


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3795.00	---	27.52	54.00	26.48	500.00	100.0	V	341.00	-7
3836.25	38.68	---	74.00	35.32	500.00	200.0	V	78.00	-7
5220.00	---	29.07	54.00	24.93	500.00	100.0	H	347.00	-4
5366.25	39.87	---	74.00	34.13	500.00	200.0	H	334.00	-3
7320.00	---	32.92	54.00	21.08	500.00	200.0	V	337.00	0
7336.88	43.84	---	74.00	30.16	500.00	100.0	H	140.00	0
9303.75	48.30	---	74.00	25.70	500.00	200.0	H	358.00	5
9305.63	---	36.68	54.00	17.32	500.00	200.0	V	277.00	5
13340.63	50.31	---	74.00	23.69	500.00	200.0	V	33.00	7
13348.13	---	38.90	54.00	15.10	500.00	100.0	H	232.00	7
13869.38	52.55	---	74.00	21.45	500.00	200.0	H	356.00	8
14426.25	---	41.36	54.00	12.64	500.00	100.0	H	0.00	9

Radiates Emission from 3GHz to 18GHz

802.11g CH1

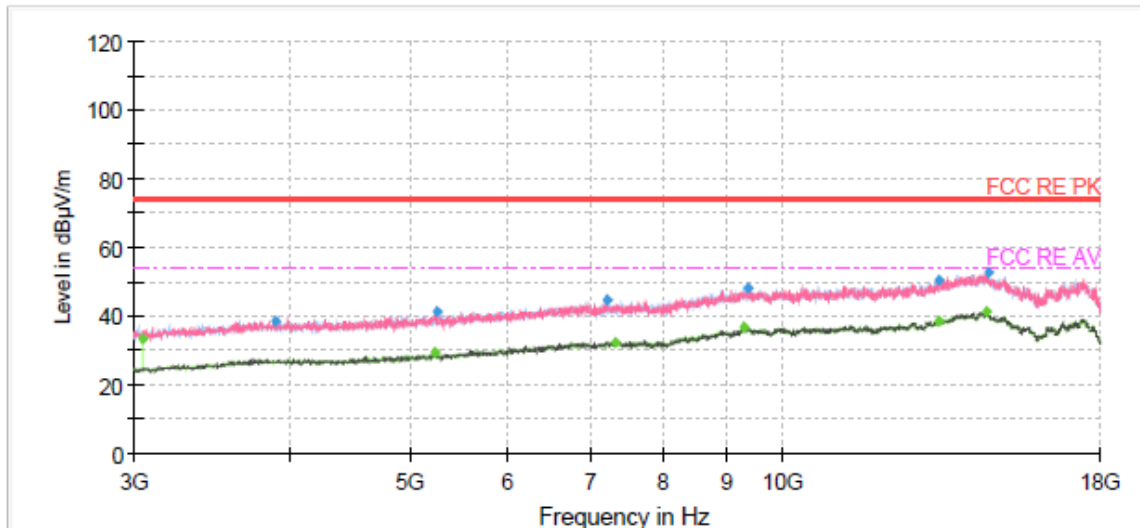


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1120.50	---	31.11	54.00	22.89	500.00	100.0	H	0.00	-6
1183.75	42.71	---	74.00	31.29	500.00	100.0	V	2.00	-6
1321.25	43.59	---	74.00	30.42	500.00	200.0	H	12.00	-5
1390.00	---	32.22	54.00	21.78	500.00	200.0	H	4.00	-4
1587.50	44.42	---	74.00	29.58	500.00	200.0	H	0.00	-4
1696.25	---	32.85	54.00	21.15	500.00	100.0	V	353.00	-3
2049.00	45.53	---	74.00	28.47	500.00	100.0	H	355.00	-2
2069.50	---	33.91	54.00	20.09	500.00	200.0	H	8.00	-2
2272.75	45.60	---	74.00	28.40	500.00	100.0	V	111.00	-1
2292.50	---	34.07	54.00	19.93	500.00	200.0	H	8.00	-1
2850.00	48.27	---	74.00	25.73	500.00	100.0	V	14.00	0
2972.75	---	36.54	54.00	17.46	500.00	200.0	H	43.00	1

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

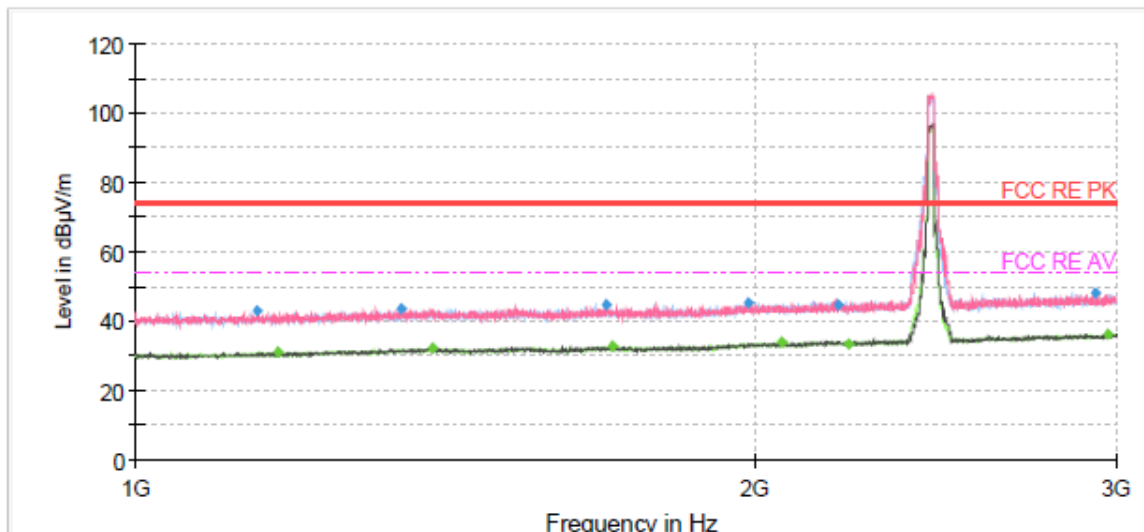


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3048.75	---	33.16	54.00	20.84	500.00	100.0	H	201.00	-9
3896.25	38.64	---	74.00	35.36	500.00	200.0	H	353.00	-7
5246.25	---	29.17	54.00	24.83	500.00	200.0	H	142.00	-3
5255.63	41.11	---	74.00	32.89	500.00	100.0	V	328.00	-3
7207.50	44.59	---	74.00	29.41	500.00	100.0	V	0.00	0
7310.63	---	32.54	54.00	21.46	500.00	100.0	H	168.00	0
9298.13	---	36.94	54.00	17.06	500.00	100.0	V	356.00	5
9361.88	48.25	---	74.00	25.75	500.00	200.0	H	357.00	5
13340.63	50.12	---	74.00	23.88	500.00	100.0	V	319.00	7
13340.63	---	38.68	54.00	15.32	500.00	200.0	H	350.00	7
14587.50	---	41.29	54.00	12.71	500.00	200.0	H	235.00	9
14600.63	52.51	---	74.00	21.49	500.00	200.0	H	358.00	9

Radiates Emission from 3GHz to 18GHz

802.11g CH6

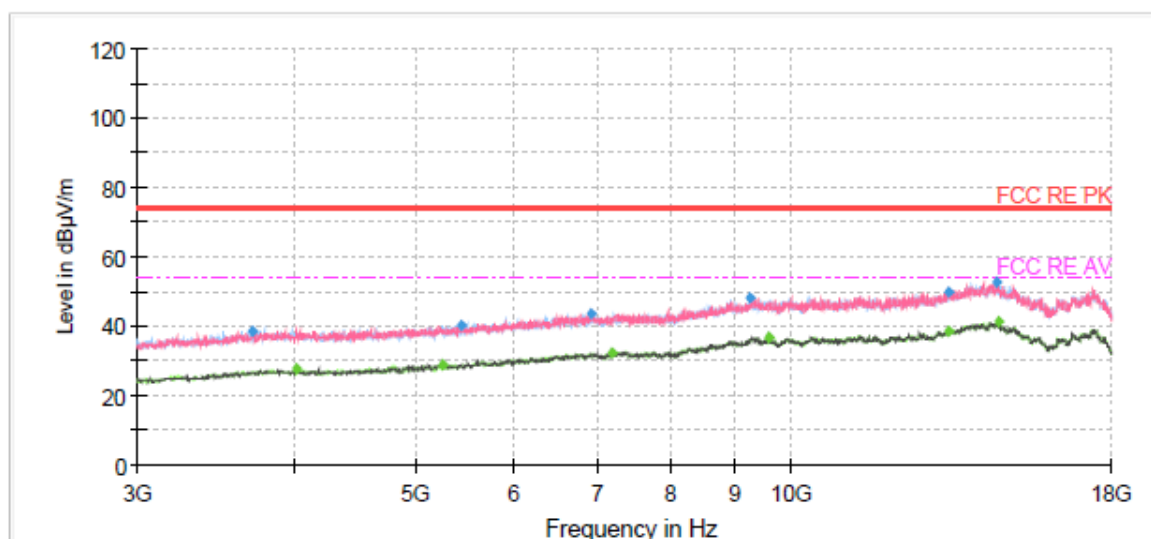


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1145.75	43.07	---	74.00	30.93	500.00	200.0	V	108.00	-6
1173.75	---	30.97	54.00	23.03	500.00	200.0	V	275.00	-6
1346.75	43.66	---	74.00	30.34	500.00	100.0	H	288.00	-5
1394.50	---	32.23	54.00	21.77	500.00	200.0	V	319.00	-4
1695.75	44.58	---	74.00	29.42	500.00	200.0	V	0.00	-3
1707.75	---	32.57	54.00	21.43	500.00	200.0	H	2.00	-3
1988.00	45.33	---	74.00	28.67	500.00	200.0	H	7.00	-2
2063.00	---	33.94	54.00	20.06	500.00	100.0	H	327.00	-2
2196.75	44.92	---	74.00	29.08	500.00	100.0	H	299.00	-1
2222.50	---	33.65	54.00	20.35	500.00	100.0	H	353.00	-1
2927.50	48.24	---	74.00	25.76	500.00	100.0	H	299.00	1
2971.75	---	36.44	54.00	17.56	500.00	100.0	V	3.00	1

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

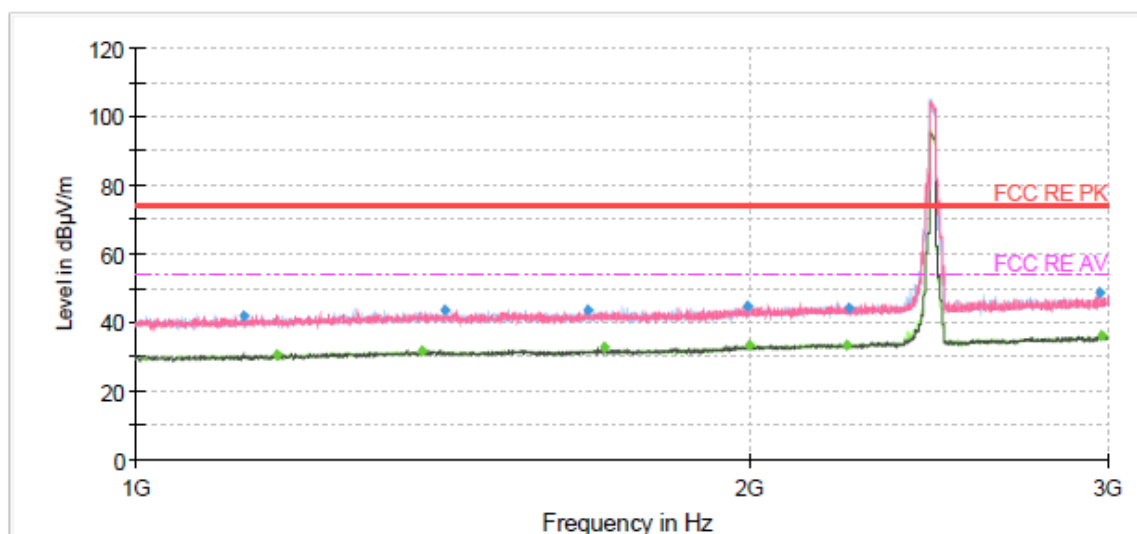


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3706.88	38.66	---	74.00	35.34	500.00	200.0	H	336.00	-7
4023.75	---	27.55	54.00	26.45	500.00	200.0	V	150.00	-6
5251.88	---	28.99	54.00	25.02	500.00	100.0	H	60.00	-3
5450.63	40.33	---	74.00	33.67	500.00	100.0	H	50.00	-3
6907.50	43.66	---	74.00	30.34	500.00	100.0	H	3.00	0
7190.63	---	32.44	54.00	21.56	500.00	100.0	V	357.00	0
9271.88	48.27	---	74.00	25.73	500.00	200.0	H	0.00	5
9571.88	---	36.68	54.00	17.32	500.00	200.0	V	1.00	5
13340.63	---	38.75	54.00	15.25	500.00	100.0	V	354.00	7
13346.25	49.75	---	74.00	24.25	500.00	100.0	H	40.00	7
14578.13	52.77	---	74.00	21.23	500.00	200.0	V	41.00	9
14600.63	---	41.34	54.00	12.66	500.00	200.0	H	282.00	9

Radiates Emission from 3GHz to 18GHz

802.11g CH11

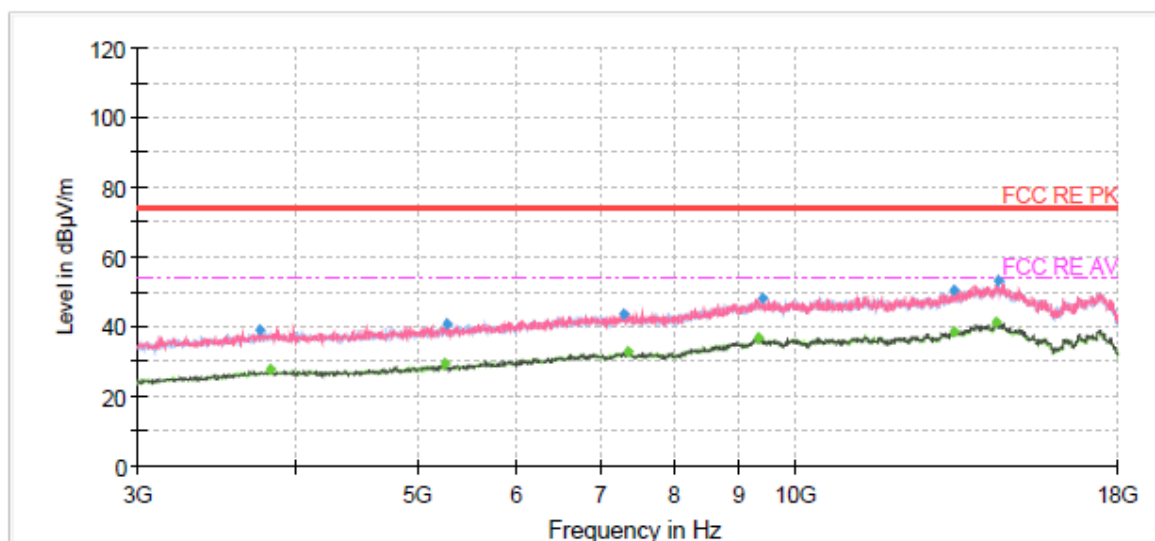


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1130.50	41.98	---	74.00	32.02	500.00	100.0	H	178.00	-6
1172.75	---	30.53	54.00	23.47	500.00	200.0	H	301.00	-6
1381.75	---	31.68	54.00	22.32	500.00	200.0	H	350.00	-5
1417.00	43.84	---	74.00	30.16	500.00	100.0	H	29.00	-4
1664.50	43.71	---	74.00	30.29	500.00	200.0	H	359.00	-4
1696.25	---	32.64	54.00	21.36	500.00	100.0	H	68.00	-3
1997.25	44.93	---	74.00	29.07	500.00	100.0	V	46.00	-2
2001.75	---	33.47	54.00	20.53	500.00	200.0	V	19.00	-2
2232.00	---	33.64	54.00	20.36	500.00	100.0	H	151.00	-1
2239.50	44.33	---	74.00	29.67	500.00	200.0	H	301.00	-1
2971.50	48.65	---	74.00	25.35	500.00	200.0	V	10.00	1
2979.75	---	36.03	54.00	17.97	500.00	100.0	V	356.00	1

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

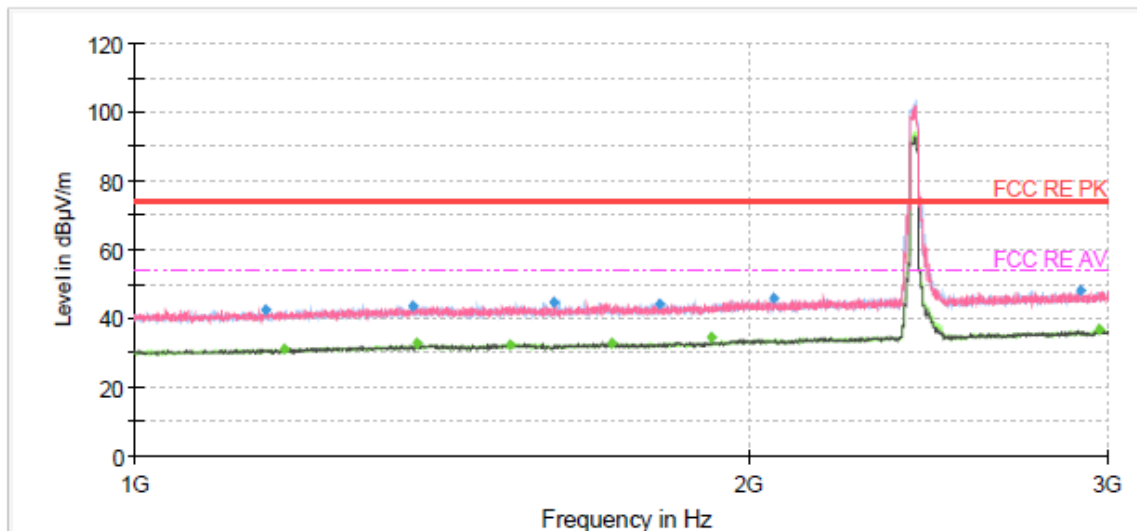


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3755.63	39.02	---	74.00	34.98	500.00	200.0	H	251.00	-7
3819.38	---	27.58	54.00	26.42	500.00	200.0	V	347.00	-7
5250.00	---	29.24	54.00	24.76	500.00	200.0	H	341.00	-3
5289.38	40.62	---	74.00	33.38	500.00	100.0	V	357.00	-4
7305.00	43.40	---	74.00	30.60	500.00	200.0	V	4.00	0
7338.75	---	32.57	54.00	21.43	500.00	100.0	V	347.00	0
9343.13	---	36.70	54.00	17.30	500.00	100.0	V	356.00	5
9406.88	48.08	---	74.00	25.92	500.00	100.0	V	269.00	5
13335.00	50.18	---	74.00	23.82	500.00	200.0	V	0.00	7
13340.63	---	38.61	54.00	15.39	500.00	100.0	V	130.00	7
14403.75	---	41.07	54.00	12.93	500.00	200.0	H	358.00	9
14430.00	53.25	---	74.00	20.75	500.00	100.0	V	159.00	9

Radiates Emission from 3GHz to 18GHz

802.11n (HT20) CH1

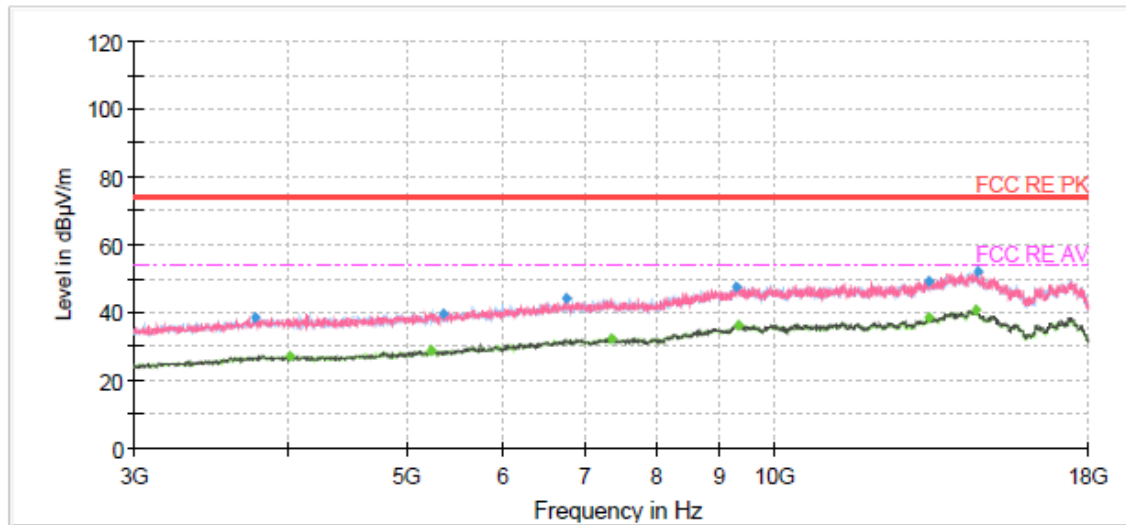


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1159.25	42.56	---	74.00	31.44	500.00	100.0	H	68.00	-6
1185.00	---	31.12	54.00	22.88	500.00	200.0	V	21.00	-6
1369.25	43.80	---	74.00	30.20	500.00	200.0	V	134.00	-5
1373.75	---	32.58	54.00	21.42	500.00	200.0	V	0.00	-5
1527.50	---	32.14	54.00	21.86	500.00	200.0	H	277.00	-4
1604.00	44.58	---	74.00	29.42	500.00	200.0	V	0.00	-4
1714.50	---	32.86	54.00	21.14	500.00	100.0	V	352.00	-3
1809.00	43.87	---	74.00	30.13	500.00	200.0	H	348.00	-3
1919.75	---	34.34	54.00	19.66	500.00	100.0	V	356.00	-3
2055.25	45.67	---	74.00	28.33	500.00	100.0	H	238.00	-2
2910.75	48.04	---	74.00	25.96	500.00	100.0	V	195.00	1
2970.75	---	36.78	54.00	17.22	500.00	100.0	V	0.00	1

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

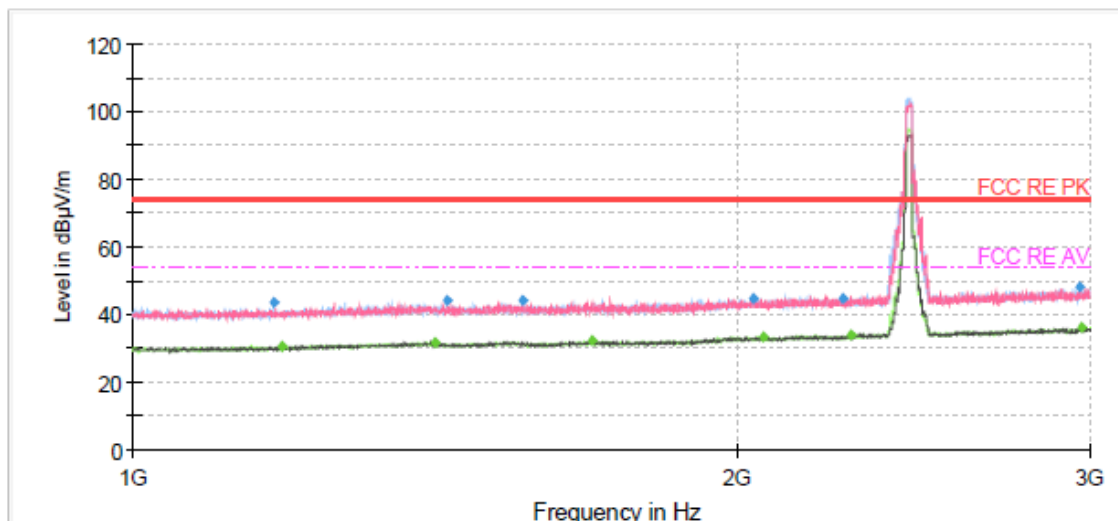


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3770.63	38.55	---	74.00	35.45	500.00	200.0	V	184.00	-7
4020.00	---	27.20	54.00	26.80	500.00	200.0	V	184.00	-6
5236.88	---	29.01	54.00	24.99	500.00	200.0	V	0.00	-4
5356.88	39.85	---	74.00	34.15	500.00	100.0	V	112.00	-3
6740.63	43.94	---	74.00	30.06	500.00	100.0	V	236.00	0
7342.50	---	32.43	54.00	21.57	500.00	100.0	H	6.00	0
9286.88	47.80	---	74.00	26.20	500.00	200.0	V	18.00	5
9316.88	---	36.49	54.00	17.51	500.00	100.0	V	358.00	5
13342.50	49.31	---	74.00	24.69	500.00	200.0	H	263.00	7
13348.13	---	38.32	54.00	15.68	500.00	100.0	V	357.00	7
14596.88	---	41.02	54.00	12.98	500.00	200.0	H	279.00	9
14615.63	52.09	---	74.00	21.91	500.00	100.0	V	356.00	9

Radiates Emission from 3GHz to 18GHz

802.11n (HT20) CH6

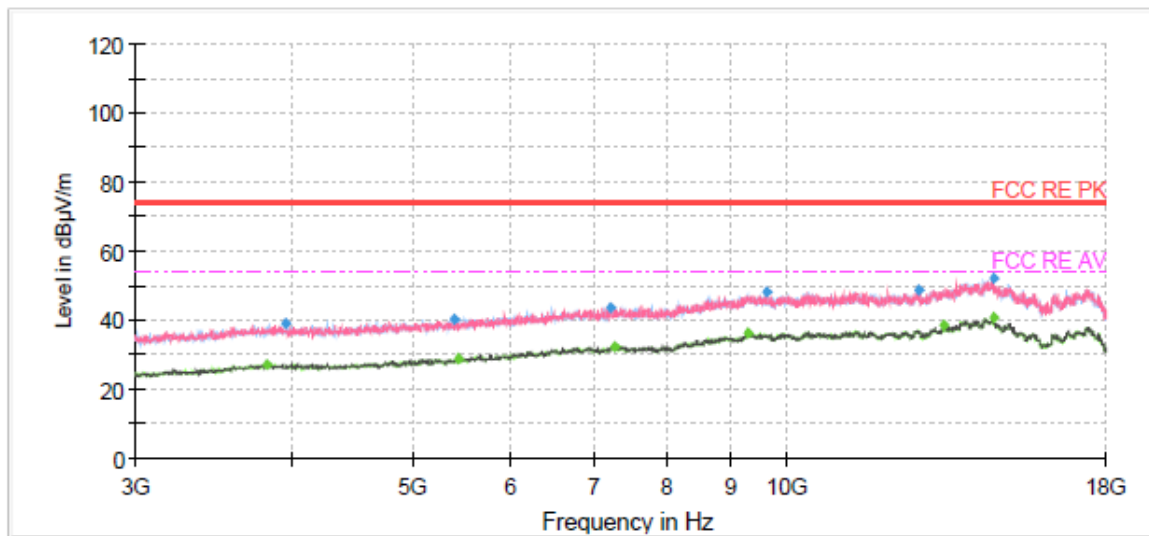


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1174.50	43.52	---	74.00	30.48	500.00	100.0	H	68.00	-6
1187.50	---	30.83	54.00	23.17	500.00	100.0	H	95.00	-6
1415.25	---	31.77	54.00	22.23	500.00	100.0	H	136.00	-4
1435.25	44.06	---	74.00	29.94	500.00	200.0	H	260.00	-5
1562.75	44.00	---	74.00	30.00	500.00	200.0	H	354.00	-4
1694.75	---	32.15	54.00	21.85	500.00	200.0	V	30.00	-3
2039.50	44.92	---	74.00	29.08	500.00	100.0	V	118.00	-2
2061.50	---	33.59	54.00	20.41	500.00	200.0	H	358.00	-2
2258.75	44.73	---	74.00	29.27	500.00	200.0	H	354.00	-1
2279.50	---	33.83	54.00	20.17	500.00	100.0	V	189.00	-1
2962.75	47.92	---	74.00	26.08	500.00	200.0	H	340.00	1
2974.00	---	36.33	54.00	17.67	500.00	100.0	H	17.00	1

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

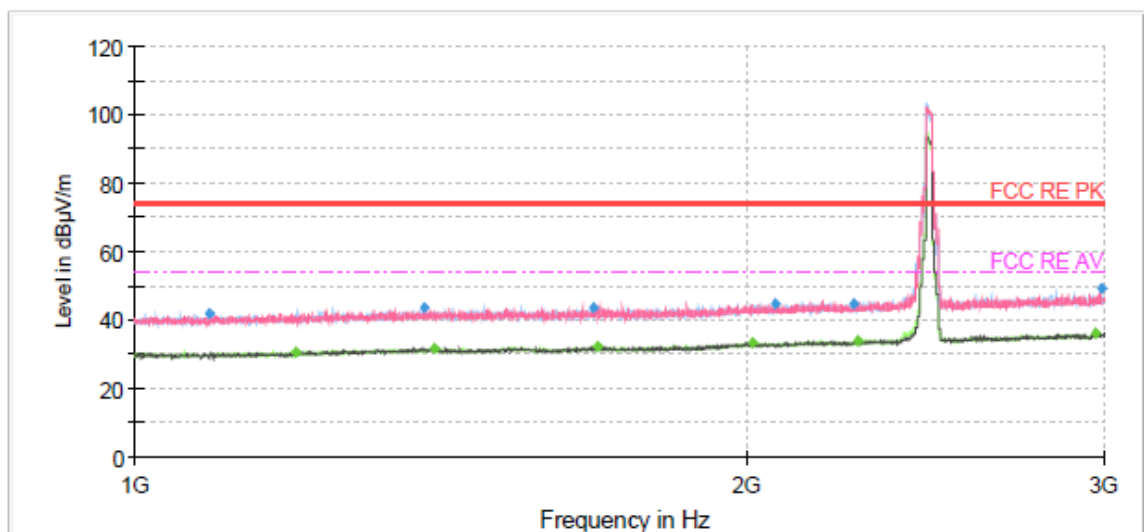


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3826.88	---	27.31	54.00	26.69	500.00	100.0	V	342.00	-7
3961.88	38.99	---	74.00	35.01	500.00	200.0	H	185.00	-7
5403.75	40.05	---	74.00	33.95	500.00	100.0	V	0.00	-3
5441.25	---	28.63	54.00	25.37	500.00	100.0	V	356.00	-3
7215.00	43.82	---	74.00	30.18	500.00	100.0	V	24.00	0
7273.13	---	32.34	54.00	21.66	500.00	100.0	V	354.00	0
9305.63	---	36.29	54.00	17.71	500.00	200.0	V	248.00	5
9609.38	47.92	---	74.00	26.08	500.00	100.0	V	357.00	5
12750.00	48.67	---	74.00	25.33	500.00	200.0	V	0.00	6
13340.63	---	38.30	54.00	15.70	500.00	100.0	H	0.00	7
14598.75	---	40.74	54.00	13.26	500.00	200.0	V	0.00	9
14610.00	52.10	---	74.00	21.90	500.00	200.0	H	185.00	9

Radiates Emission from 3GHz to 18GHz

802.11n (HT20) CH11

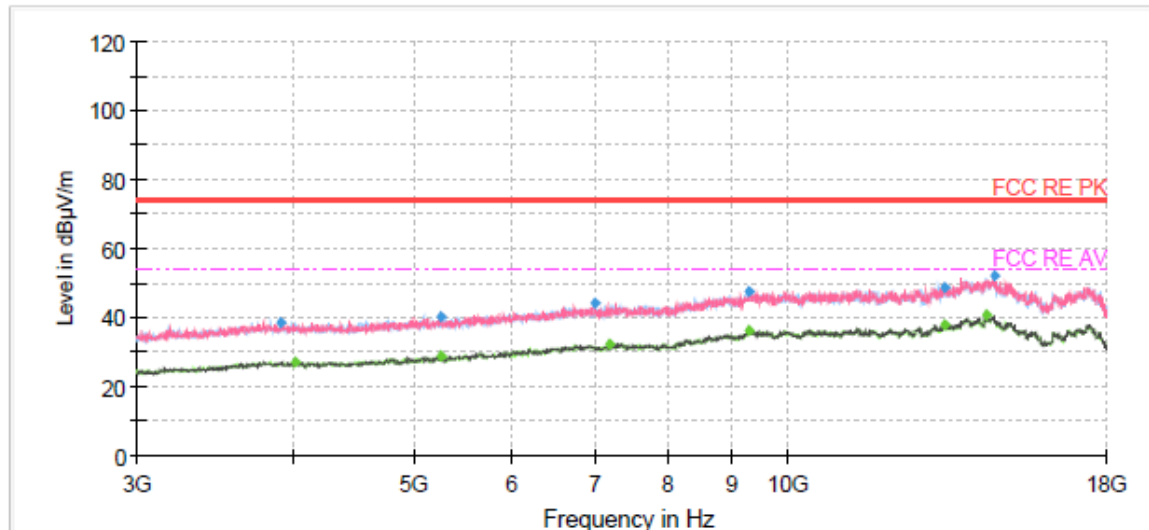


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1087.00	41.84	---	74.00	32.16	500.00	100.0	V	0.00	-7
1199.75	---	30.65	54.00	23.35	500.00	100.0	V	357.00	-6
1388.75	43.56	---	74.00	30.44	500.00	200.0	H	106.00	-4
1405.50	---	31.87	54.00	22.13	500.00	100.0	V	335.00	-4
1682.50	43.60	---	74.00	30.40	500.00	100.0	H	5.00	-3
1691.00	---	32.17	54.00	21.83	500.00	200.0	V	0.00	-3
2013.25	---	33.36	54.00	20.64	500.00	200.0	H	135.00	-2
2065.50	44.90	---	74.00	29.10	500.00	200.0	H	0.00	-2
2257.50	44.81	---	74.00	29.19	500.00	100.0	H	20.00	-1
2268.75	---	33.73	54.00	20.27	500.00	200.0	H	0.00	-1
2975.25	---	36.25	54.00	17.75	500.00	200.0	H	357.00	1
2994.25	49.18	---	74.00	24.82	500.00	100.0	V	319.00	1

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

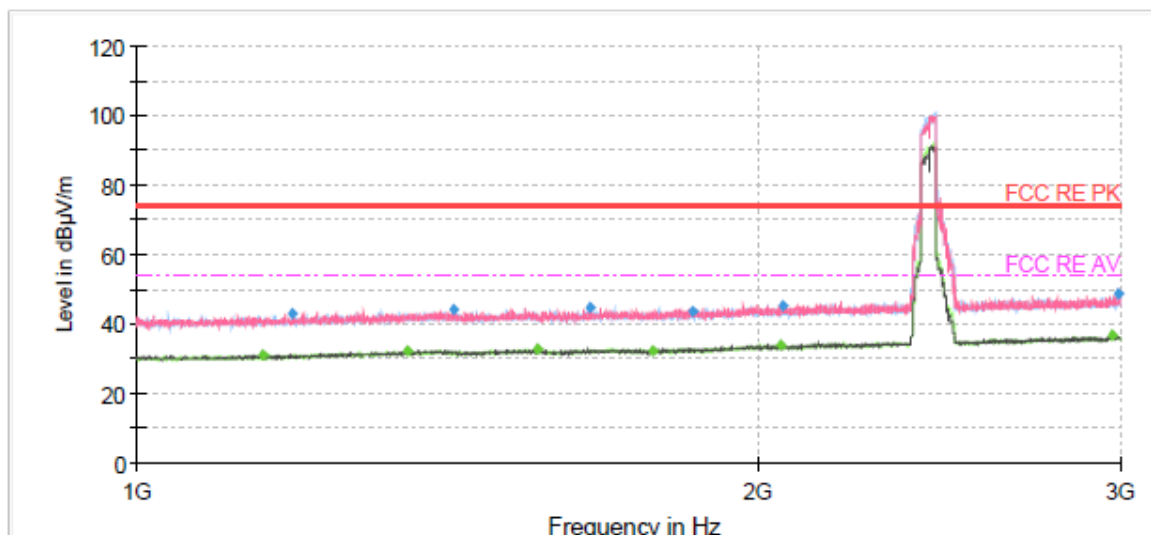


Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3913.13	38.41	---	74.00	35.59	500.00	100.0	H	139.00	-7
4023.75	---	27.07	54.00	26.93	500.00	200.0	V	2.00	-6
5251.88	40.41	---	74.00	33.59	500.00	100.0	V	112.00	-3
5253.75	---	28.84	54.00	25.16	500.00	100.0	V	250.00	-3
6991.88	44.21	---	74.00	29.79	500.00	200.0	H	128.00	0
7186.88	---	32.48	54.00	21.52	500.00	100.0	V	218.00	0
9296.25	47.59	---	74.00	26.41	500.00	200.0	V	95.00	5
9305.63	---	36.18	54.00	17.82	500.00	200.0	H	350.00	5
13340.63	---	37.91	54.00	16.09	500.00	100.0	V	333.00	7
13350.00	48.85	---	74.00	25.15	500.00	200.0	H	353.00	7
14398.13	---	40.50	54.00	13.50	500.00	200.0	V	3.00	9
14617.50	52.08	---	74.00	21.92	500.00	100.0	V	353.00	9

Radiates Emission from 3GHz to 18GHz

802.11n (HT40) CH3

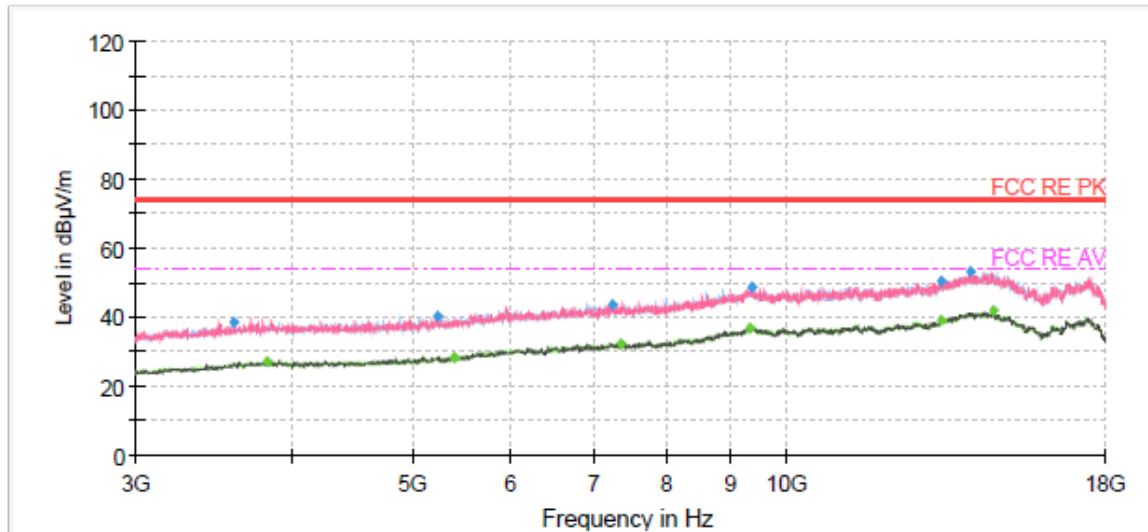


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1150.50	---	31.15	54.00	22.85	500.00	100.0	H	359.00	-6
1189.00	42.81	---	74.00	31.19	500.00	200.0	V	160.00	-6
1353.25	---	32.36	54.00	21.64	500.00	200.0	V	244.00	-5
1423.25	43.92	---	74.00	30.08	500.00	200.0	V	244.00	-5
1563.75	---	32.70	54.00	21.30	500.00	200.0	V	285.00	-4
1658.75	44.65	---	74.00	29.35	500.00	100.0	V	31.00	-4
1780.50	---	32.34	54.00	21.66	500.00	200.0	H	99.00	-3
1862.25	43.44	---	74.00	30.56	500.00	100.0	H	358.00	-3
2051.50	---	34.06	54.00	19.94	500.00	100.0	V	0.00	-2
2059.00	45.42	---	74.00	28.58	500.00	200.0	H	197.00	-2
2972.50	---	36.52	54.00	17.48	500.00	200.0	H	3.00	1
2996.25	48.50	---	74.00	25.50	500.00	200.0	V	0.00	1

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

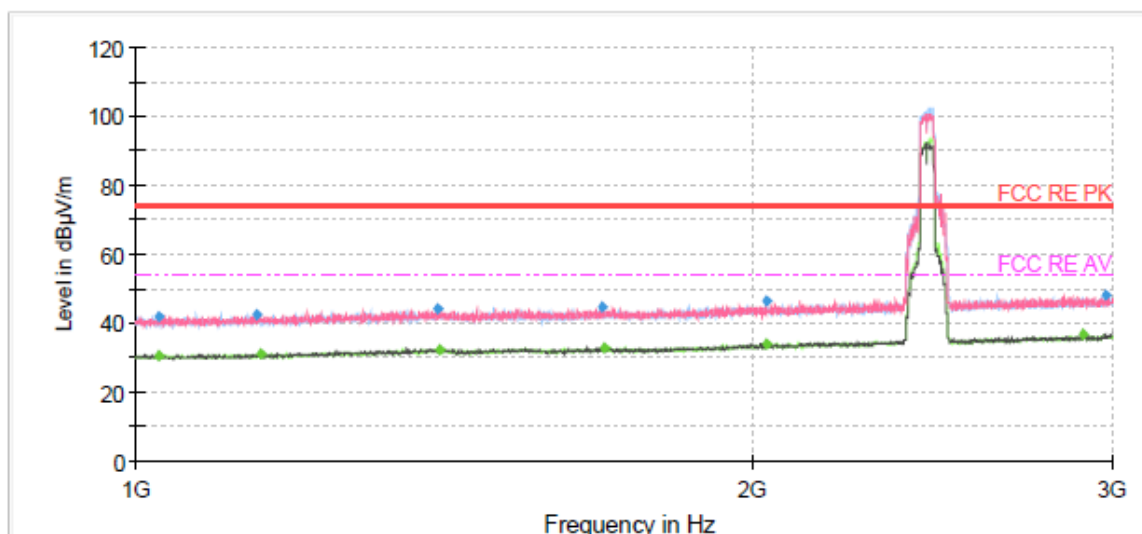


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3600.00	38.71	---	74.00	35.29	500.00	200.0	V	0.00	-7
3825.00	---	27.17	54.00	26.83	500.00	200.0	H	232.00	-7
5242.50	40.41	---	74.00	33.59	500.00	100.0	V	354.00	-3
5405.63	---	28.43	54.00	25.57	500.00	200.0	V	252.00	-3
7230.00	43.75	---	74.00	30.25	500.00	100.0	H	114.00	0
7346.25	---	32.26	54.00	21.74	500.00	200.0	H	65.00	0
9315.00	---	37.03	54.00	16.97	500.00	200.0	V	282.00	5
9369.38	48.45	---	74.00	25.55	500.00	100.0	H	206.00	5
13291.88	---	39.26	54.00	14.74	500.00	100.0	H	345.00	7
13306.88	50.36	---	74.00	23.64	500.00	100.0	H	206.00	7
14021.25	53.25	---	74.00	20.75	500.00	100.0	V	102.00	9
14602.50	---	41.65	54.00	12.35	500.00	100.0	H	301.00	9

Radiates Emission from 3GHz to 18GHz

802.11n (HT40) CH6

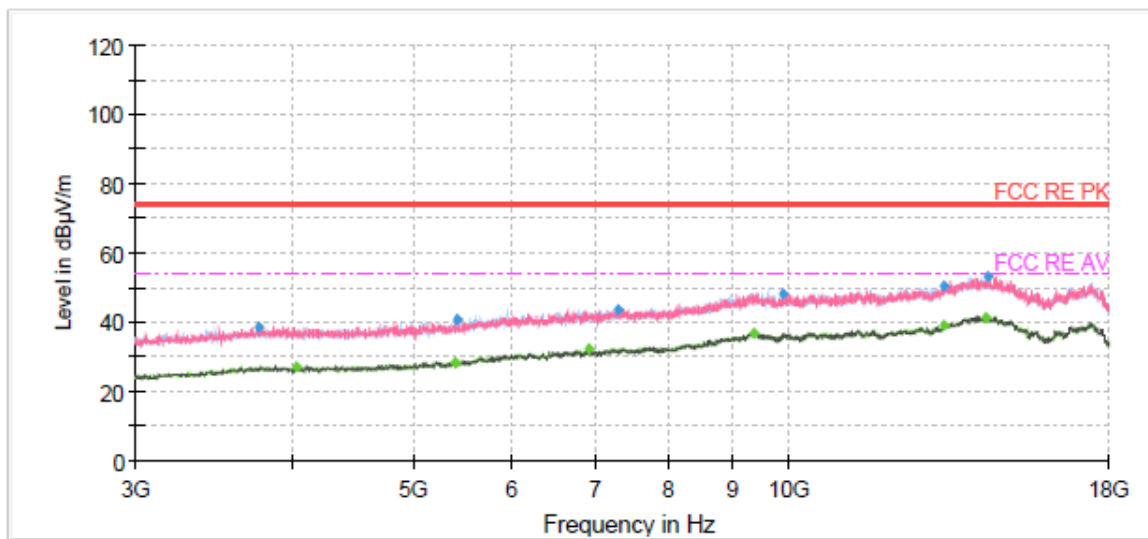


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1026.00	---	30.48	54.00	23.52	500.00	100.0	V	14.00	-7
1027.25	41.73	---	74.00	32.27	500.00	100.0	H	359.00	-7
1146.25	42.71	---	74.00	31.29	500.00	100.0	V	124.00	-6
1151.50	---	30.99	54.00	23.01	500.00	100.0	V	48.00	-6
1404.50	44.15	---	74.00	29.85	500.00	200.0	H	38.00	-4
1408.00	---	32.42	54.00	21.58	500.00	200.0	H	336.00	-4
1690.25	44.52	---	74.00	29.48	500.00	200.0	V	262.00	-3
1694.50	---	32.89	54.00	21.11	500.00	200.0	H	346.00	-3
2034.25	---	33.97	54.00	20.03	500.00	200.0	H	7.00	-2
2035.50	46.18	---	74.00	27.82	500.00	100.0	V	326.00	-2
2900.25	---	36.78	54.00	17.22	500.00	200.0	H	58.00	1
2981.75	48.06	---	74.00	25.94	500.00	200.0	V	327.00	1

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

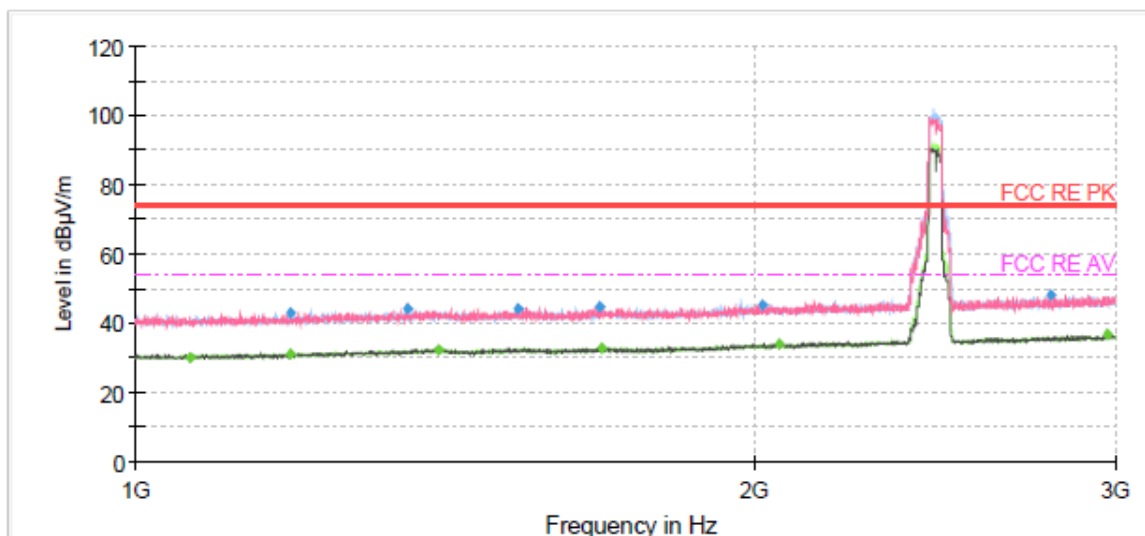


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3765.00	38.62	---	74.00	35.38	500.00	100.0	H	283.00	-7
4033.13	---	27.18	54.00	26.82	500.00	200.0	V	235.00	-6
5407.50	---	28.30	54.00	25.70	500.00	100.0	H	129.00	-3
5416.88	40.62	---	74.00	33.38	500.00	200.0	H	0.00	-3
6907.50	---	32.30	54.00	21.70	500.00	100.0	H	0.00	0
7280.63	43.38	---	74.00	30.62	500.00	100.0	V	1.00	0
9378.75	---	37.00	54.00	17.00	500.00	200.0	V	308.00	5
9896.25	48.28	---	74.00	25.72	500.00	100.0	V	24.00	4
13280.63	50.56	---	74.00	23.44	500.00	100.0	H	175.00	7
13306.88	---	39.29	54.00	14.71	500.00	100.0	H	283.00	7
14373.75	---	41.57	54.00	12.43	500.00	200.0	H	139.00	9
14401.88	53.04	---	74.00	20.96	500.00	200.0	V	282.00	9

Radiates Emission from 3GHz to 18GHz

802.11n (HT40) CH9

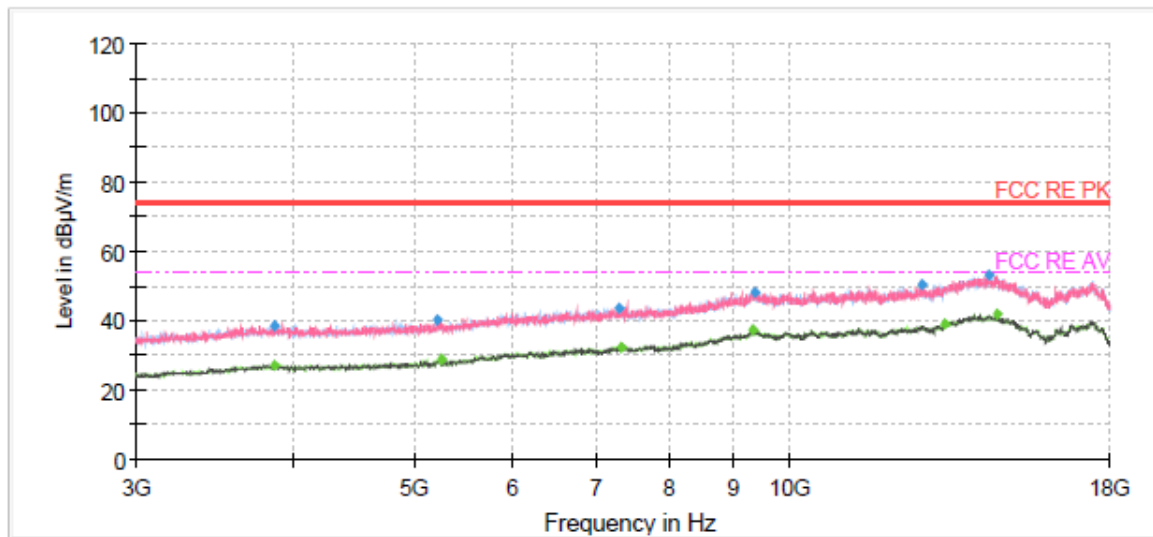


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1063.50	---	30.24	54.00	23.76	500.00	100.0	H	0.00	-7
1188.00	---	31.26	54.00	22.74	500.00	100.0	V	0.00	-6
1189.00	42.75	---	74.00	31.25	500.00	200.0	V	80.00	-6
1354.50	43.97	---	74.00	30.03	500.00	100.0	V	306.00	-5
1406.00	---	32.44	54.00	21.56	500.00	100.0	V	320.00	-4
1533.75	43.95	---	74.00	30.05	500.00	100.0	V	356.00	-4
1681.25	44.72	---	74.00	29.28	500.00	100.0	H	197.00	-4
1687.75	---	32.96	54.00	21.04	500.00	200.0	H	0.00	-3
2018.25	45.37	---	74.00	28.63	500.00	200.0	V	37.00	-2
2055.25	---	34.13	54.00	19.87	500.00	100.0	V	355.00	-2
2791.75	47.98	---	74.00	26.02	500.00	200.0	H	232.00	0
2971.75	---	36.92	54.00	17.08	500.00	100.0	H	1.00	1

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3871.88	38.58	---	74.00	35.42	500.00	200.0	V	23.00	-7
3873.75	---	27.33	54.00	26.67	500.00	100.0	H	34.00	-7
5220.00	40.12	---	74.00	33.88	500.00	200.0	V	320.00	-4
5250.00	---	28.60	54.00	25.40	500.00	200.0	V	348.00	-3
7299.38	43.79	---	74.00	30.21	500.00	200.0	V	113.00	0
7310.63	---	32.28	54.00	21.72	500.00	100.0	V	26.00	0
9316.88	---	37.11	54.00	16.89	500.00	100.0	H	356.00	5
9354.38	48.09	---	74.00	25.91	500.00	200.0	V	286.00	5
12748.13	50.19	---	74.00	23.82	500.00	100.0	V	13.00	6
13282.50	---	39.33	54.00	14.67	500.00	100.0	H	281.00	7
14407.50	53.49	---	74.00	20.51	500.00	100.0	H	66.00	9
14604.38	---	41.65	54.00	12.35	500.00	100.0	V	192.00	9

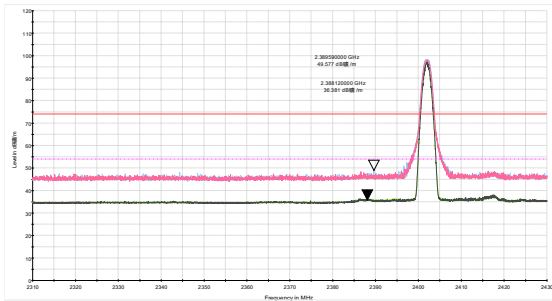
Radiates Emission from 3GHz to 18GHz

1.2. Bluetooth LE

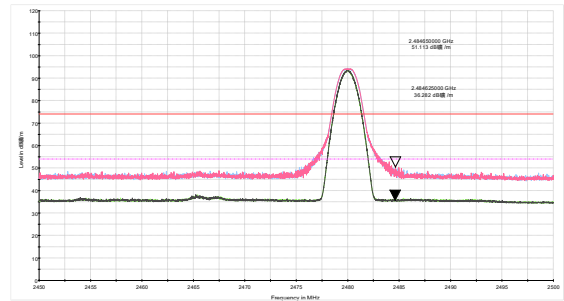
The following graphs display the maximum values of horizontal and vertical by software.
Blue trace uses the peak detection, Green trace uses the average detection.

A symbol ($\text{dB}\mu\text{V/m}$) in the test plot below means ($\text{dB}\mu\text{V/m}$)

The signal beyond the limit is carrier.



Bluetooth LE Channel 0 Peak + Average



Bluetooth LE Channel 39 Peak + Average

Result of RE

Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier.
The Radiates Emission from 18GHz to 26.5GHz are more than 20dB below the limit are not reported.

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 horizontal and vertical 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

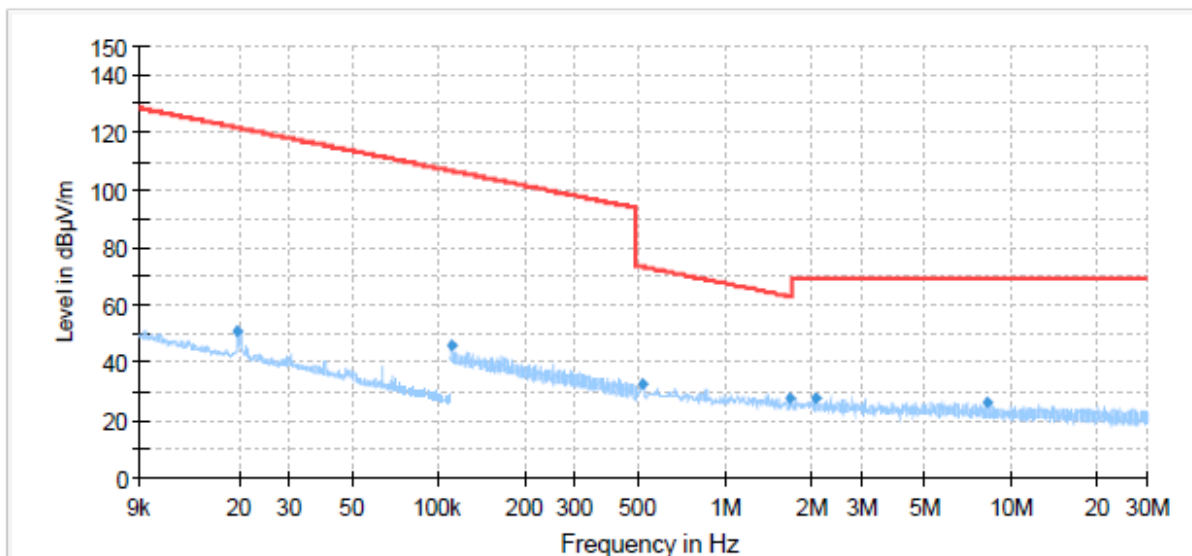
 PK Level @Spectrum Overview H
  PK Level @Spectrum Overview V
  PK Level @Final Results
  PK Limit

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

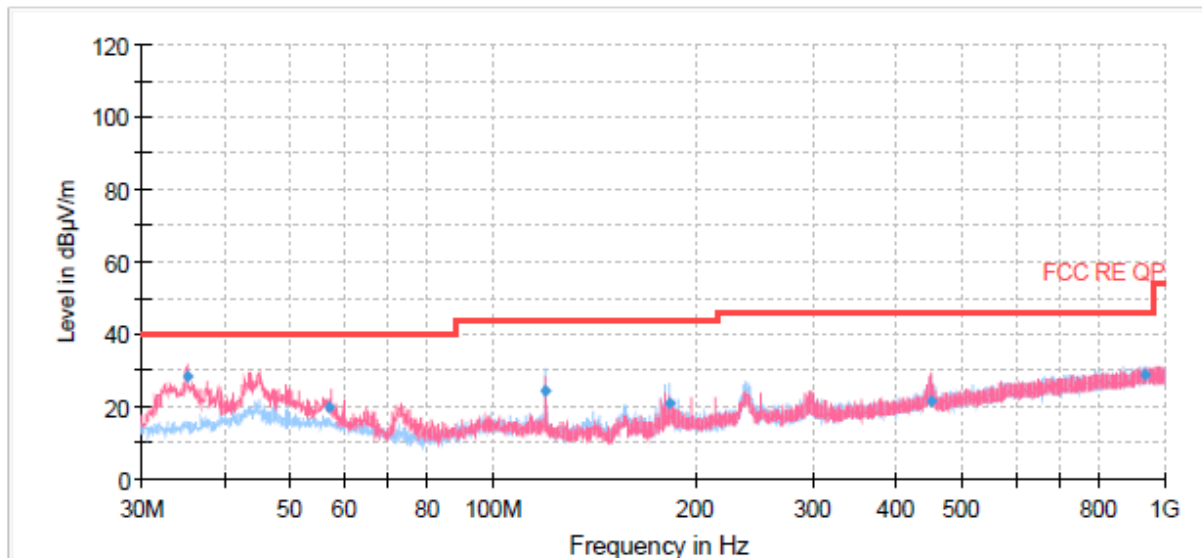
Continuous TX mode:

Test Voltage: 120V/60Hz.

During the test, the Radiates Emission from 9kHz to 1GHz was performed in all modes with all channels, Bluetooth LE-Channel 39 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.



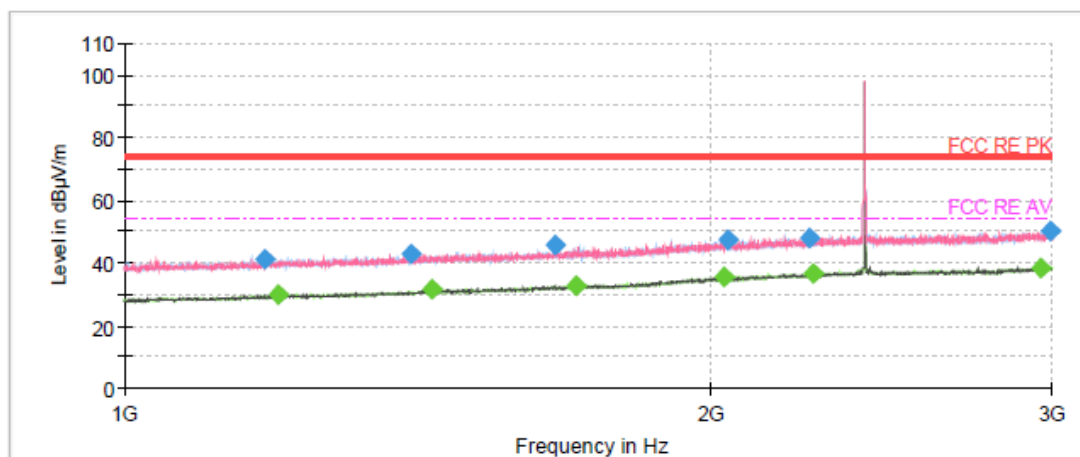
Radiates Emission from 9kHz to 30MHz



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
35.20	28.07	40.00	11.93	174.0	V	29.00	18
57.19	20.02	40.00	19.98	174.0	V	282.00	19
120.01	24.53	43.50	18.97	124.0	H	288.00	17
183.35	20.76	43.50	22.74	176.0	H	98.00	17
448.34	21.35	46.00	24.65	125.0	V	13.00	24
937.92	29.14	46.00	16.86	225.0	H	22.00	31

Bluetooth LE-Channel 0

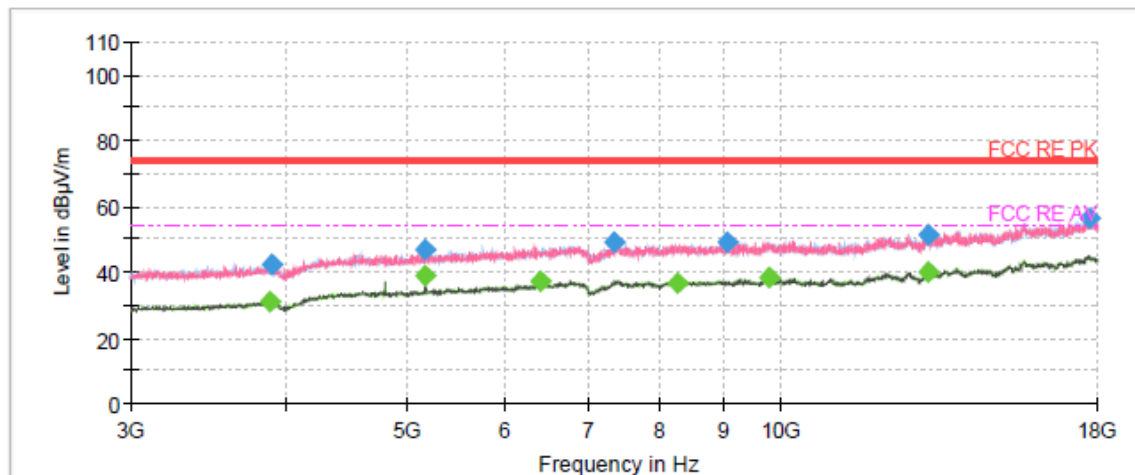


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1180.250000	41.32	---	74.00	32.68	500.0	100.0	V	0.0	-6
1200.000000	---	29.78	54.00	24.22	500.0	200.0	V	144.0	-6
1404.750000	43.08	---	74.00	30.92	500.0	100.0	H	75.0	-4
1439.000000	---	31.36	54.00	22.64	500.0	100.0	V	294.0	-4
1664.500000	45.80	---	74.00	28.20	500.0	200.0	V	315.0	-2
1708.500000	---	32.85	54.00	21.15	500.0	200.0	V	223.0	-2
2033.250000	---	35.65	54.00	18.35	500.0	100.0	V	301.0	0
2045.000000	47.58	---	74.00	26.42	500.0	100.0	V	148.0	0
2251.500000	47.80	---	74.00	26.20	500.0	200.0	V	167.0	1
2259.500000	---	36.62	54.00	17.38	500.0	200.0	V	195.0	1
2959.000000	---	38.64	54.00	15.36	500.0	100.0	V	357.0	3
2996.250000	50.21	---	74.00	23.79	500.0	200.0	H	263.0	3

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

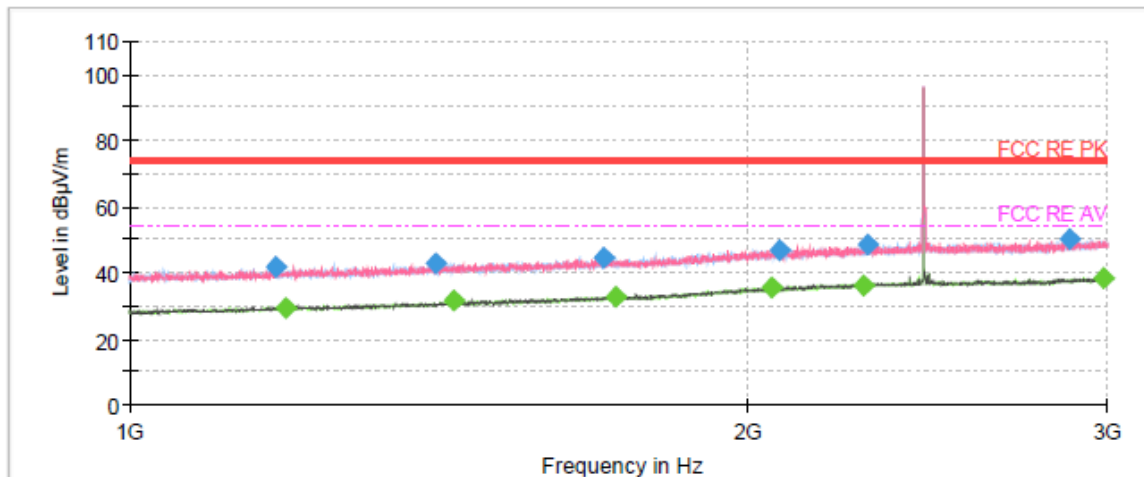


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3888.750000	---	31.11	54.00	22.89	500.0	100.0	V	353.0	-5
3894.375000	42.16	---	74.00	31.84	500.0	200.0	H	81.0	-5
5178.750000	---	38.67	54.00	15.33	500.0	200.0	V	303.0	-1
5184.375000	46.80	---	74.00	27.20	500.0	100.0	V	303.0	-1
6405.000000	---	37.40	54.00	16.60	500.0	200.0	H	41.0	1
7338.750000	48.94	---	74.00	25.06	500.0	100.0	H	41.0	2
8259.375000	---	36.62	54.00	17.38	500.0	200.0	H	91.0	3
9061.875000	49.14	---	74.00	24.86	500.0	200.0	H	172.0	3
9798.750000	---	38.42	54.00	15.58	500.0	200.0	H	41.0	3
13138.125000	---	39.97	54.00	14.03	500.0	100.0	H	30.0	5
13153.125000	51.26	---	74.00	22.74	500.0	200.0	V	221.0	5
17715.000000	56.58	---	74.00	17.42	500.0	200.0	H	61.0	10

Radiates Emission from 3GHz to 18GHz

Bluetooth LE-Channel 19

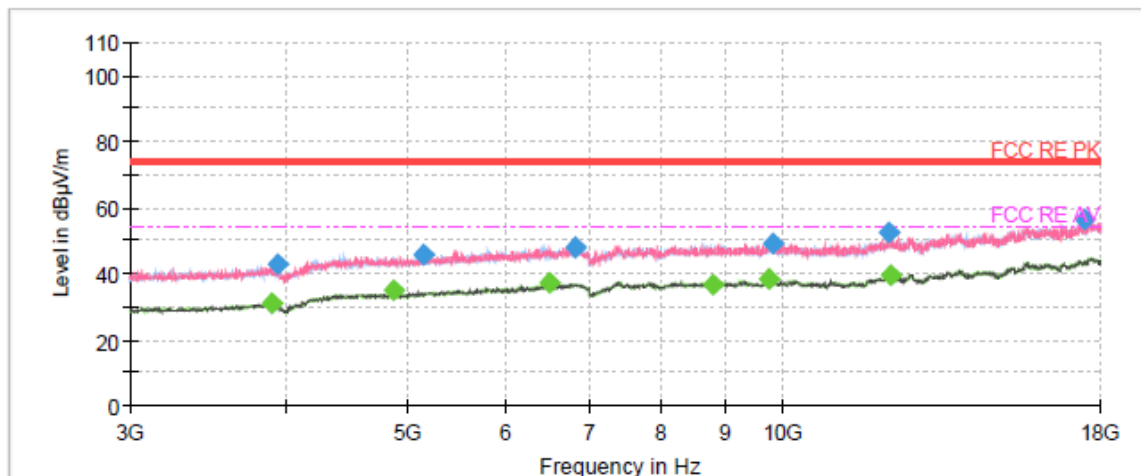


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1179.250000	41.49	---	74.00	32.51	500.0	100.0	V	288.0	-6
1192.750000	---	29.56	54.00	24.44	500.0	100.0	V	182.0	-6
1410.250000	42.71	---	74.00	31.29	500.0	200.0	V	4.0	-4
1440.500000	---	31.42	54.00	22.58	500.0	100.0	V	238.0	-4
1701.750000	44.61	---	74.00	29.39	500.0	100.0	H	59.0	-2
1726.750000	---	32.93	54.00	21.07	500.0	200.0	V	0.0	-2
2058.750000	---	35.63	54.00	18.37	500.0	200.0	H	167.0	0
2073.750000	47.03	---	74.00	26.97	500.0	200.0	V	279.0	0
2281.250000	---	36.29	54.00	17.71	500.0	100.0	V	90.0	1
2293.000000	48.42	---	74.00	25.58	500.0	200.0	V	265.0	1
2875.000000	50.14	---	74.00	23.86	500.0	100.0	V	309.0	3
2988.500000	---	38.61	54.00	15.39	500.0	100.0	V	336.0	3

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

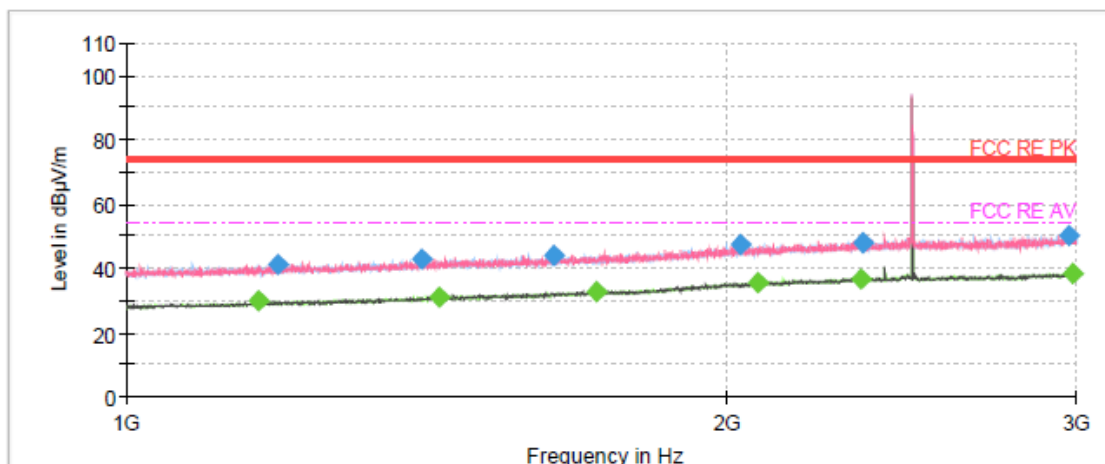


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3890.625000	---	30.74	54.00	23.26	500.0	100.0	H	35.0	-5
3933.750000	43.02	---	74.00	30.98	500.0	200.0	H	242.0	-5
4878.750000	---	35.22	54.00	18.78	500.0	200.0	H	0.0	-2
5160.000000	45.77	---	74.00	28.23	500.0	100.0	V	230.0	-1
6506.250000	---	37.39	54.00	16.61	500.0	200.0	H	45.0	1
6813.750000	48.08	---	74.00	25.92	500.0	200.0	H	0.0	1
8788.125000	---	36.61	54.00	17.39	500.0	100.0	H	120.0	3
9763.125000	---	38.19	54.00	15.81	500.0	200.0	V	281.0	3
9823.125000	49.35	---	74.00	24.65	500.0	200.0	V	322.0	3
12181.875000	52.23	---	74.00	21.77	500.0	100.0	V	359.0	5
12217.500000	---	39.76	54.00	14.24	500.0	200.0	H	45.0	5
17503.125000	56.16	---	74.00	17.84	500.0	200.0	V	302.0	10

Radiates Emission from 3GHz to 18GHz

Bluetooth LE-Channel 39

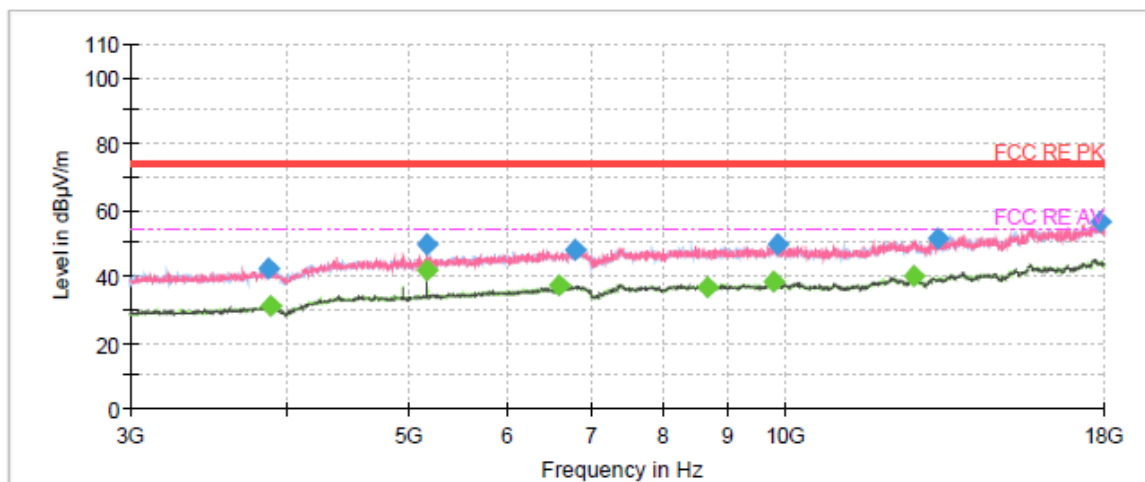


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1166.250000	---	29.79	54.00	24.21	500.0	100.0	H	279.0	-6
1191.250000	41.44	---	74.00	32.56	500.0	100.0	V	292.0	-6
1405.500000	42.79	---	74.00	31.21	500.0	200.0	V	11.0	-4
1435.500000	---	31.20	54.00	22.80	500.0	100.0	H	123.0	-4
1640.000000	44.04	---	74.00	29.96	500.0	100.0	V	0.0	-3
1724.000000	---	32.90	54.00	21.10	500.0	100.0	V	10.0	-2
2035.500000	47.26	---	74.00	26.74	500.0	100.0	H	4.0	0
2073.750000	---	35.45	54.00	18.55	500.0	100.0	V	334.0	0
2337.750000	---	36.39	54.00	17.61	500.0	100.0	H	25.0	1
2344.250000	48.03	---	74.00	25.97	500.0	100.0	V	292.0	1
2972.250000	50.32	---	74.00	23.68	500.0	200.0	V	194.0	3
2986.250000	---	38.56	54.00	15.44	500.0	100.0	V	256.0	3

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3871.875000	42.19	---	74.00	31.81	500.0	100.0	V	322.0	-5
3888.750000	---	30.80	54.00	23.20	500.0	200.0	H	133.0	-5
5182.500000	---	41.76	54.00	12.24	500.0	200.0	H	357.0	-1
5182.500000	49.70	---	74.00	24.30	500.0	100.0	H	357.0	-1
6613.125000	---	37.05	54.00	16.95	500.0	200.0	V	262.0	1
6791.250000	47.88	---	74.00	26.12	500.0	200.0	H	223.0	1
8660.625000	---	36.62	54.00	17.38	500.0	100.0	H	31.0	3
9813.750000	---	38.29	54.00	15.71	500.0	200.0	V	292.0	3
9871.875000	49.66	---	74.00	24.34	500.0	200.0	H	0.0	3
12701.250000	---	39.82	54.00	14.18	500.0	100.0	V	302.0	5
13252.500000	51.25	---	74.00	22.75	500.0	200.0	V	282.0	5
17855.625000	56.32	---	74.00	17.68	500.0	200.0	H	21.0	10

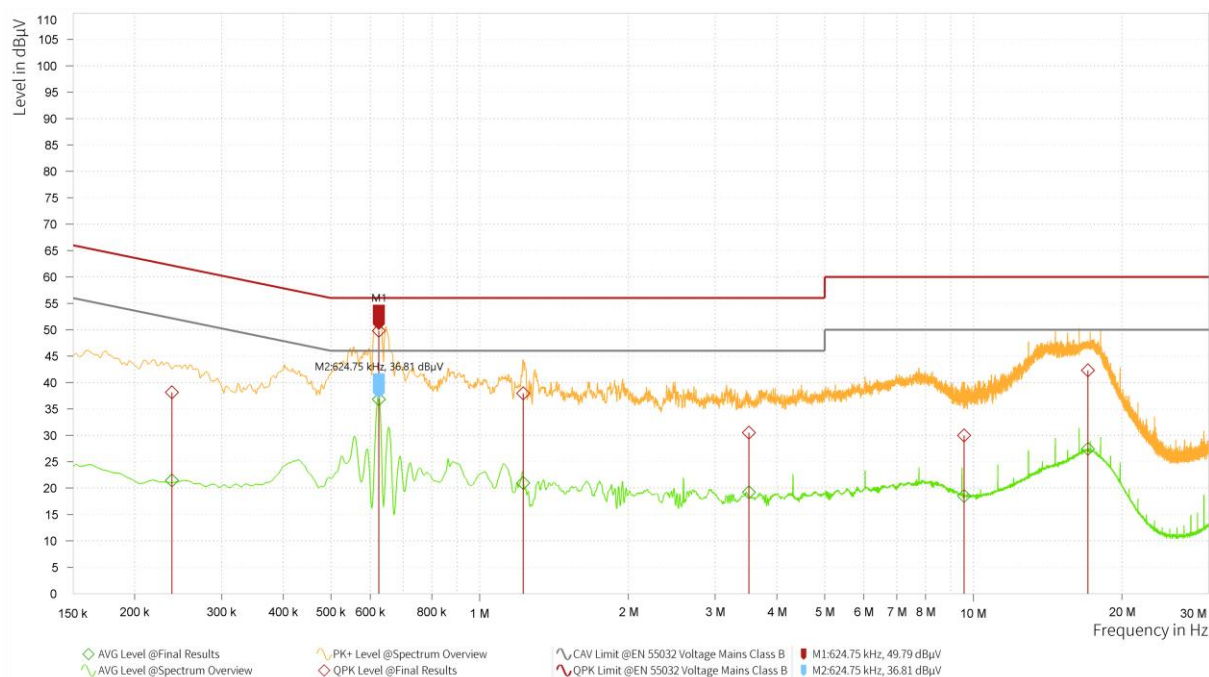
Radiates Emission from 3GHz to 18GHz

2. Conducted Emission

2.1. Wi-Fi 2.4GHz

During the test, the Conducted Emission was performed in all modes with all channel, 802.11b, Channel 1 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.

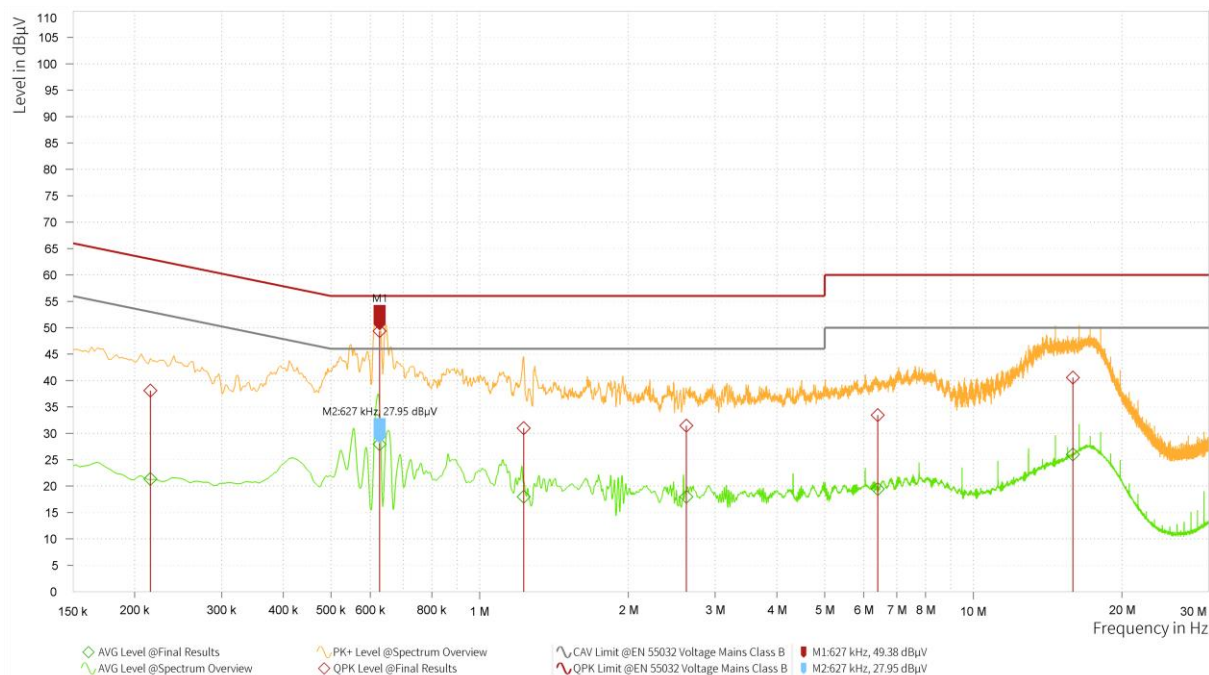
Test Voltage: 120V/60Hz.



Frequency [MHz]	QPK Level [dBμV]	QPK Limit [dBμV]	QPK Margin [dB]	AVG Level [dBμV]	AVG: CAV Limit [dBμV]	AVG Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]	Meas. Time [s]
0.238	38.14	62.17	24.04	21.46	52.17	30.71	20.99	L1	9.000	1.000
0.625	49.79	56.00	6.21	36.81	46.00	9.19	20.65	L1	9.000	1.000
1.226	37.93	56.00	18.07	20.96	46.00	25.04	20.00	L1	9.000	1.000
3.512	30.48	56.00	25.52	19.23	46.00	26.77	19.45	L1	9.000	1.000
9.578	30.00	60.00	30.00	18.49	50.00	31.51	19.41	L1	9.000	1.000
17.063	42.31	60.00	17.69	27.40	50.00	22.60	19.57	L1	9.000	1.000

Remark: Correct factor=cable loss + LISN factor

L line Conducted Emission from 150 kHz to 30 MHz



Frequency [MHz]	QPK Level [dBμV]	QPK Limit [dBμV]	QPK Margin [dB]	AVG Level [dBμV]	AVG: CAV Limit [dBμV]	AVG Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]	Meas. Time [s]
0.215	38.07	63.00	24.93	21.34	53.00	31.66	21.01	N	9.000	1.000
0.627	49.38	56.00	6.62	27.95	46.00	18.05	20.66	N	9.000	1.000
1.228	30.99	56.00	25.01	17.96	46.00	28.04	20.01	N	9.000	1.000
2.621	31.45	56.00	24.55	17.96	46.00	28.04	19.54	N	9.000	1.000
6.405	33.44	60.00	26.56	19.43	50.00	30.57	19.41	N	9.000	1.000
15.925	40.55	60.00	19.45	25.97	50.00	24.03	19.57	N	9.000	1.000

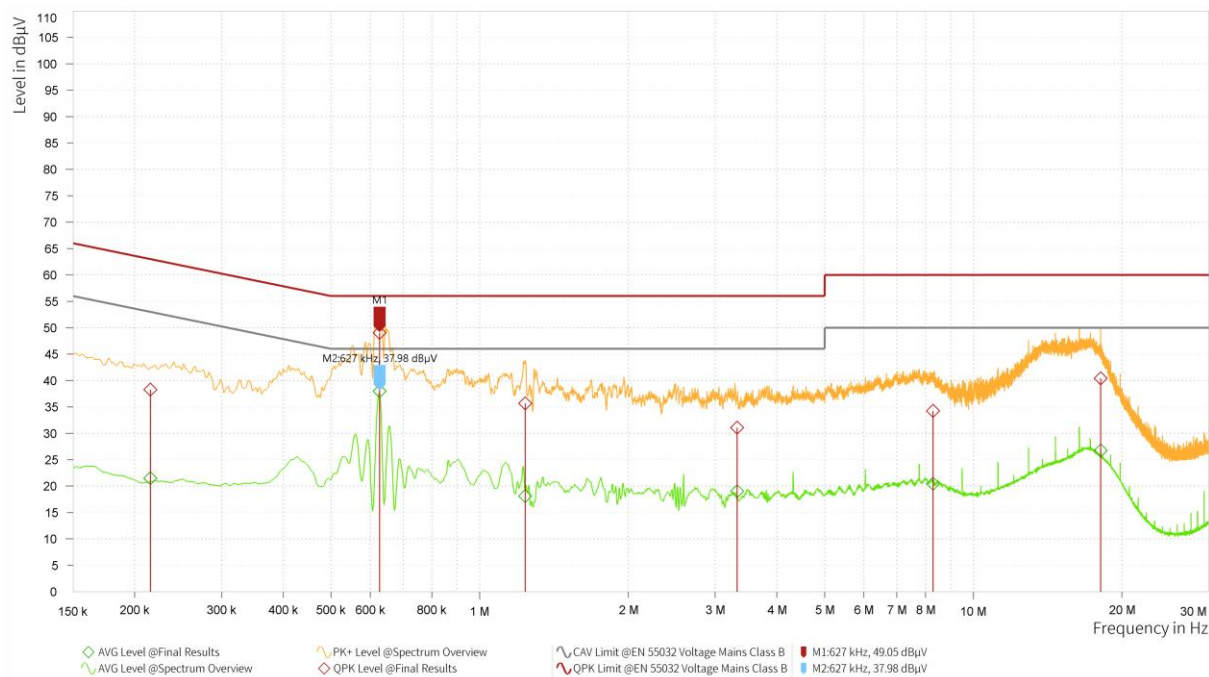
Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 kHz to 30 MHz

2.2. Bluetooth LE

During the test, the Conducted Emission was performed in all modes with all channels, Bluetooth LE-Channel 39 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.

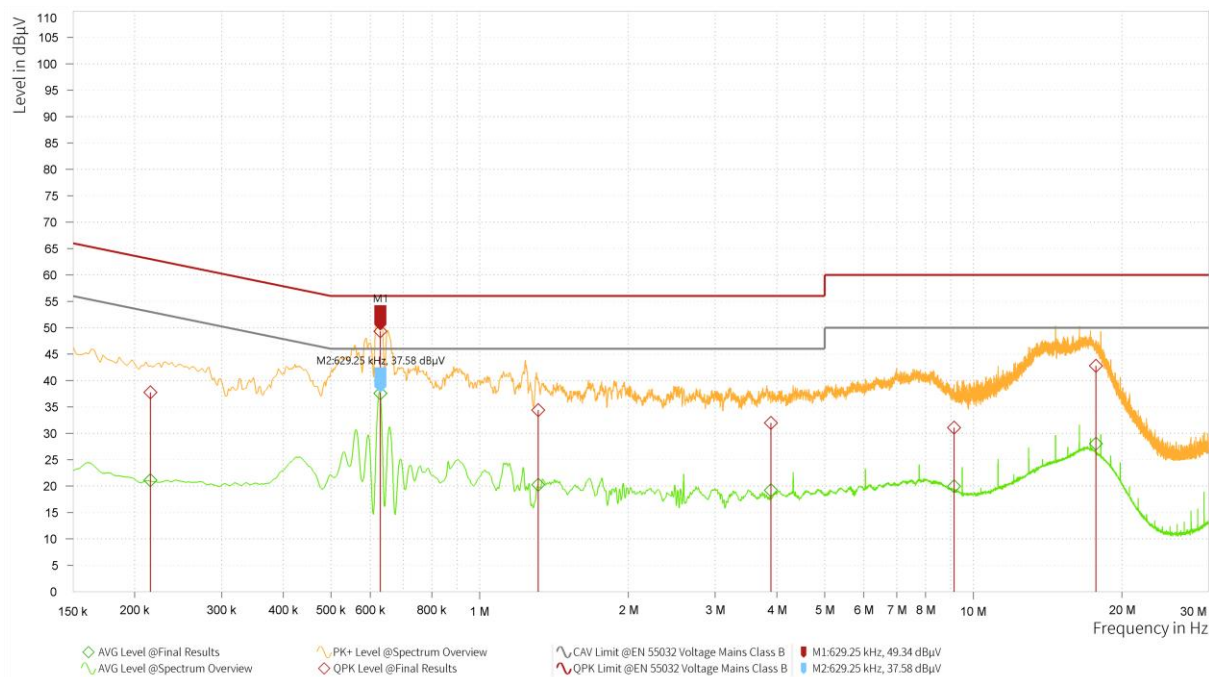
Test Voltage: 120V/60Hz.



Frequency [MHz]	QPK Level [dBμV]	QPK Limit [dBμV]	QPK Margin [dB]	AVG Level [dBμV]	AVG: CAV Limit [dBμV]	AVG Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]	Meas. Time [s]
0.215	38.27	63.00	24.73	21.51	53.00	31.49	21.00	L1	9.000	1.000
0.627	49.05	56.00	6.95	37.98	46.00	8.02	20.65	L1	9.000	1.000
1.237	35.66	56.00	20.34	18.12	46.00	27.88	19.99	L1	9.000	1.000
3.323	31.08	56.00	24.92	19.01	46.00	26.99	19.46	L1	9.000	1.000
8.293	34.25	60.00	25.75	20.45	50.00	29.55	19.41	L1	9.000	1.000
18.121	40.40	60.00	19.60	26.77	50.00	23.23	19.60	L1	9.000	1.000

Remark: Correct factor=cable loss + LISN factor

L line Conducted Emission from 150 kHz to 30 MHz



Frequency [MHz]	QPK Level [dBμV]	QPK Limit [dBμV]	QPK Margin [dB]	AVG Level [dBμV]	AVG: CAV Limit [dBμV]	AVG Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]	Meas. Time [s]
0.215	37.77	63.00	25.23	21.09	53.00	31.91	21.01	N	9.000	1.000
0.629	49.34	56.00	6.66	37.58	46.00	8.42	20.65	N	9.000	1.000
1.313	34.40	56.00	21.60	20.27	46.00	25.73	19.95	N	9.000	1.000
3.890	31.99	56.00	24.01	19.21	46.00	26.79	19.44	N	9.000	1.000
9.146	31.08	60.00	28.92	19.96	50.00	30.04	19.43	N	9.000	1.000
17.718	42.78	60.00	17.22	28.02	50.00	21.98	19.63	N	9.000	1.000

Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 kHz to 30 MHz