

ANNEX A: Test Result

There is more than one Adapter, 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 (Y axis) and the loop antenna is vertical, the others are vertical and horizontal. and the worst case was recorded.

1. Unwanted Emission

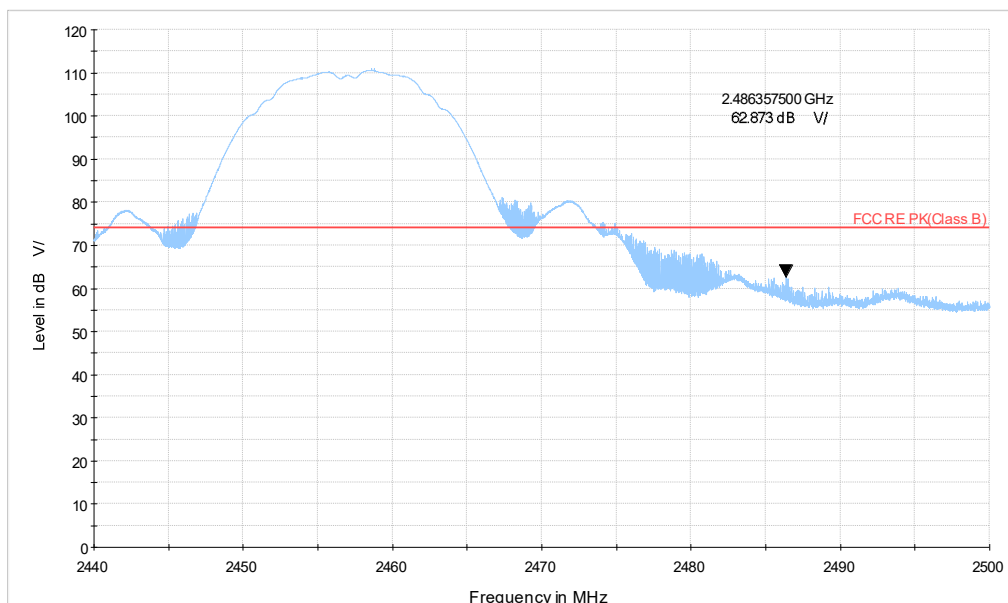
1.1. Wi-Fi 2.4GHz

The following graphs display the maximum values of horizontal and vertical by software.

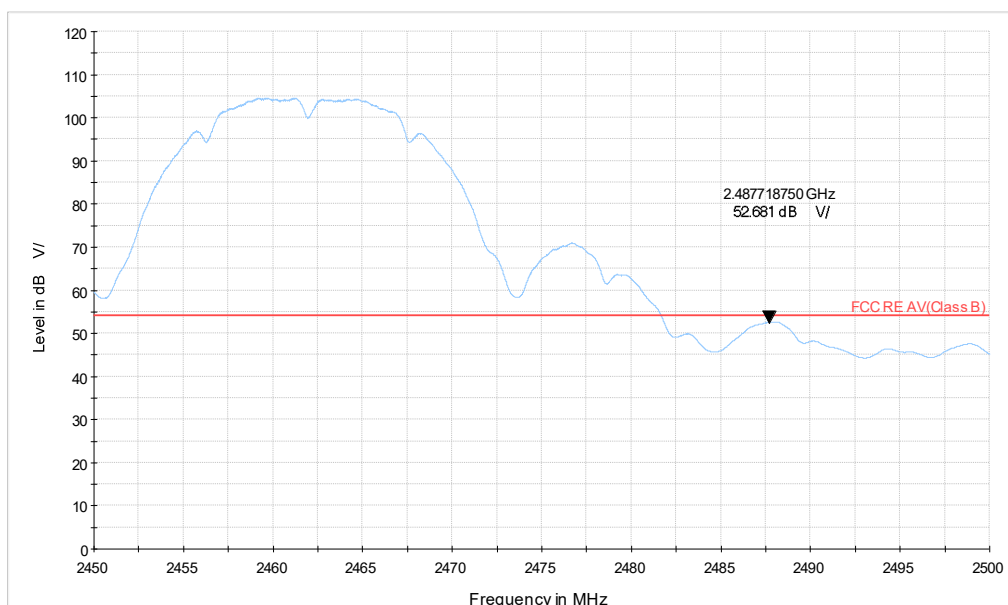
A symbol ($\text{dB } \mu\text{V/m}$) in the test plot below means ($\text{dB}\mu\text{V/m}$)

The modulation and bandwidth are similar for 802.11n mode for 20MHz/40MHz and 802.11ax mode for V20MHz/V40MHz, therefore investigated worst case to representative mode in test report.

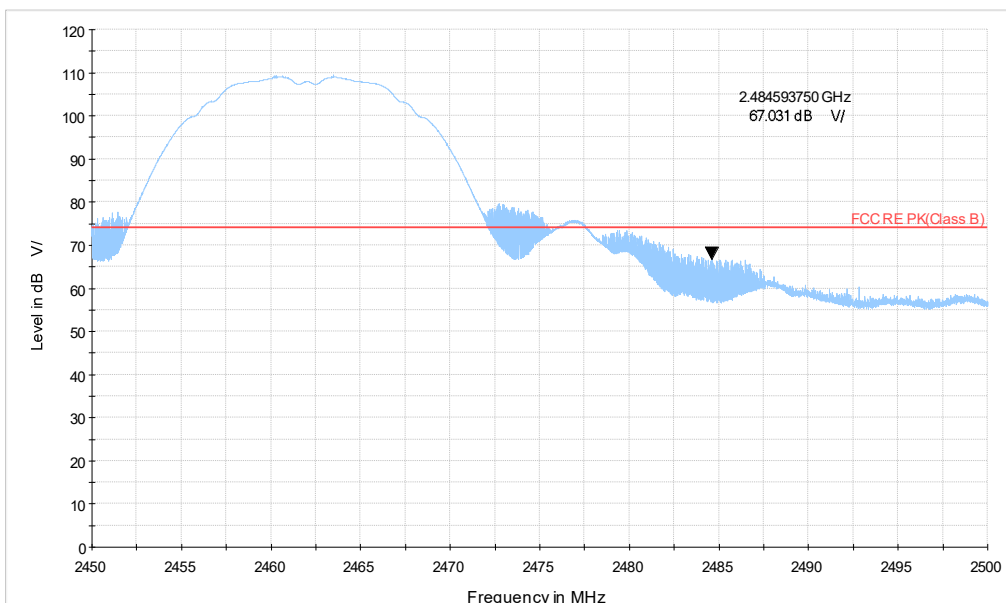
The signal beyond the limit is carrier.



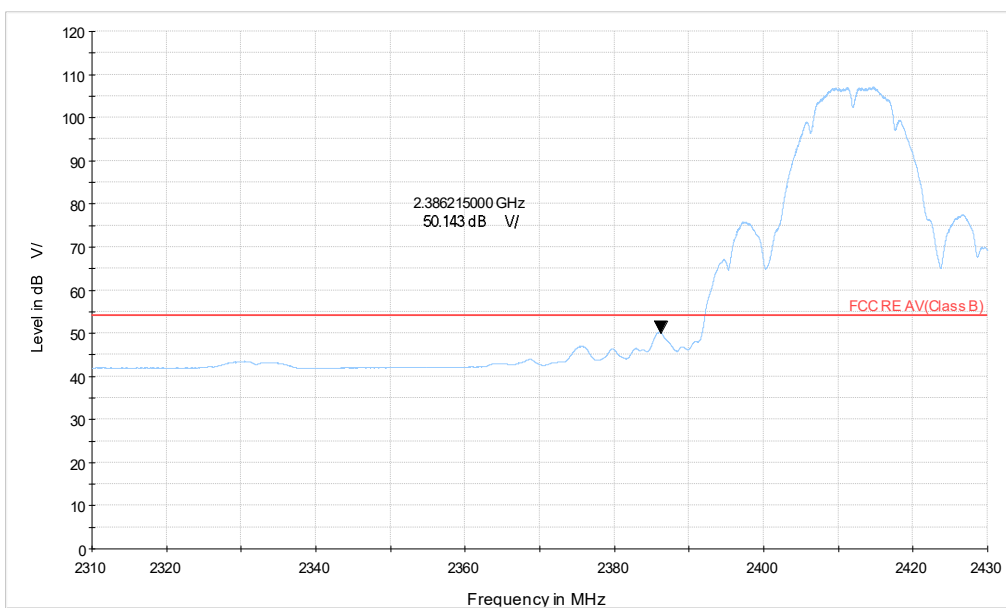
BANDEGE_2.4G WIFI_b CH10_PK



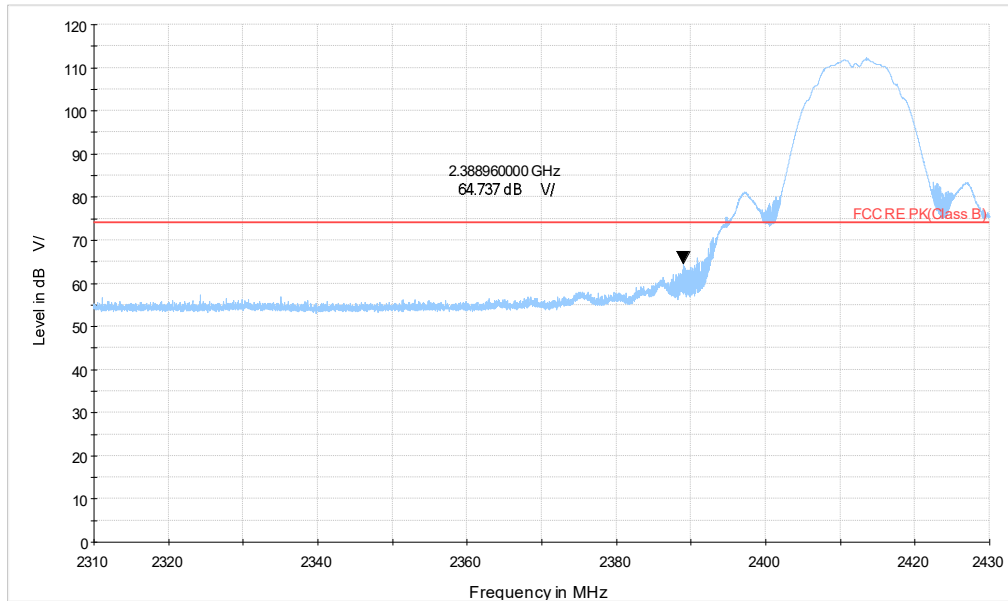
BANDEGE_2.4G WIFI_b CH11_AV



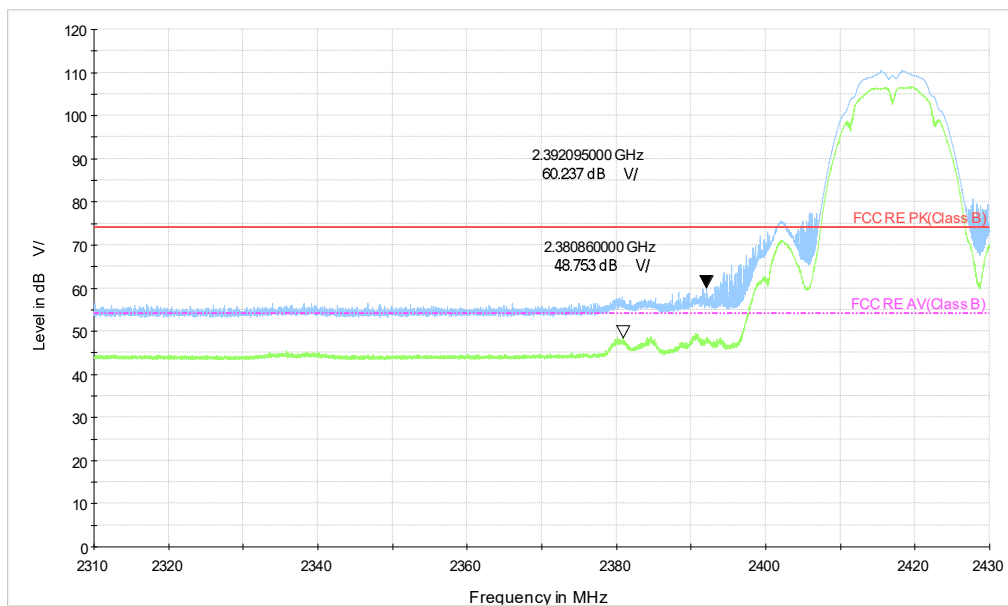
BANDEDGE_2.4G WIFI_b CH11_PK



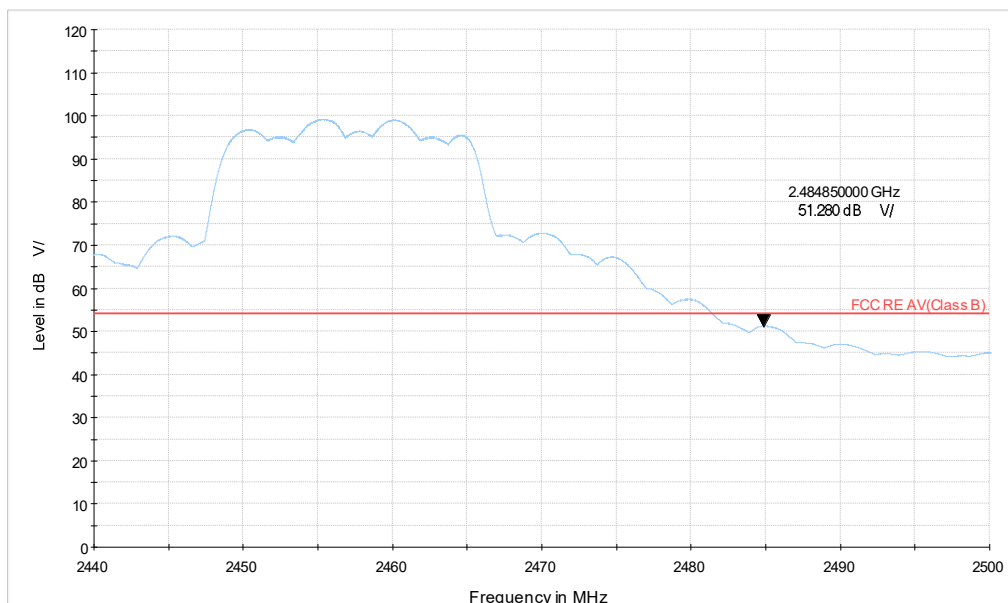
BANDEDGE_2.4G WIFI_b CH1_AV



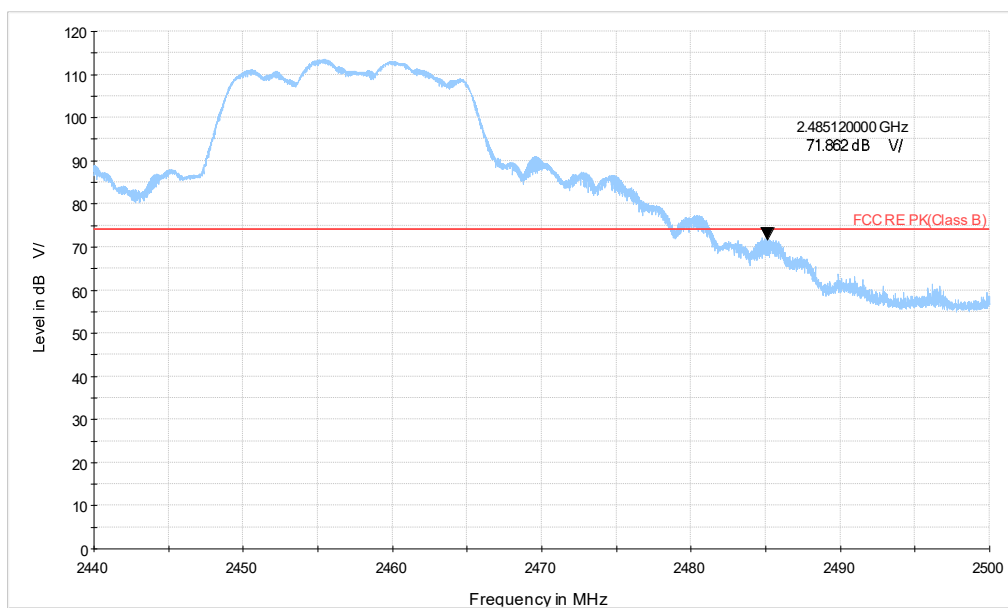
BANDEDGE_2.4G WIFI_b CH1_PK



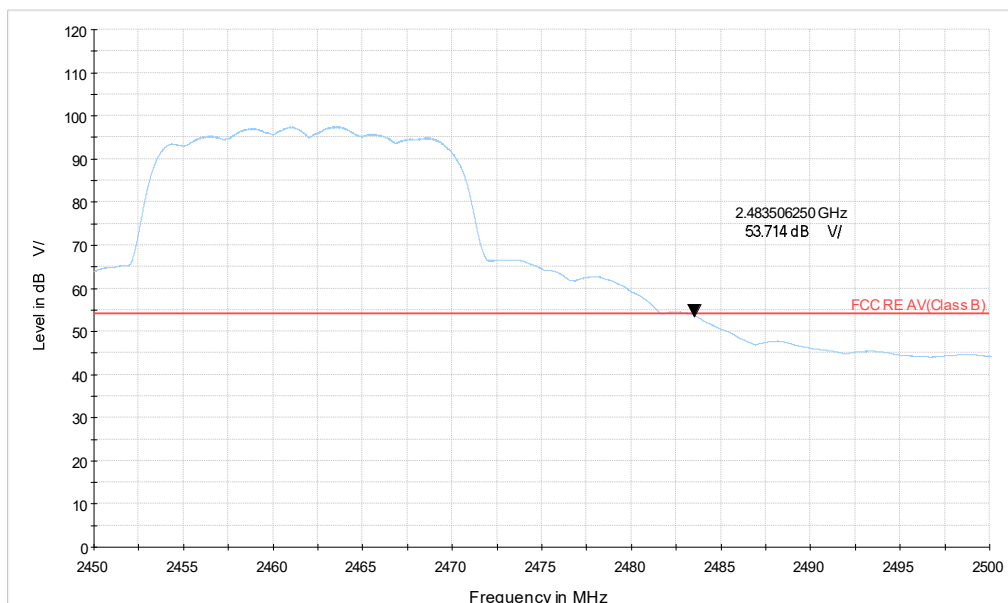
BANDEDGE_2.4G WIFI_b CH2_PK+AV



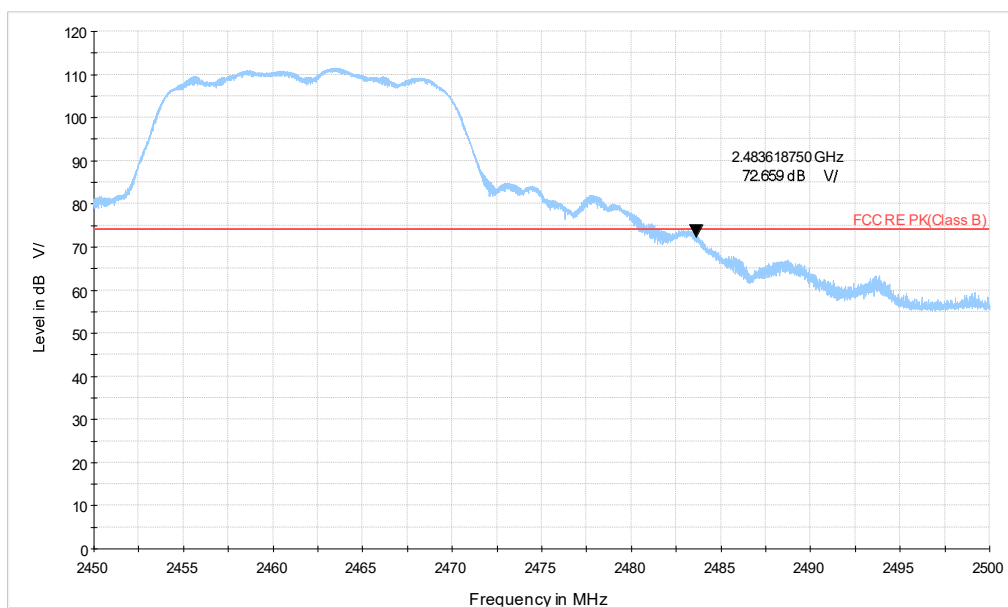
BANDEGE_2.4G WIFI_g CH10_AV



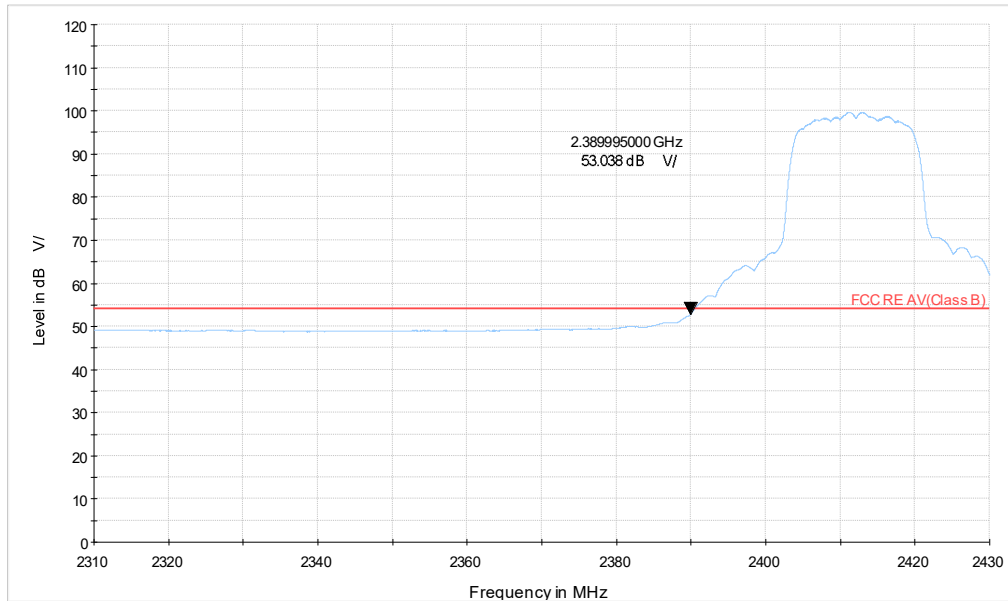
BANDEGE_2.4G WIFI_g CH10_PK



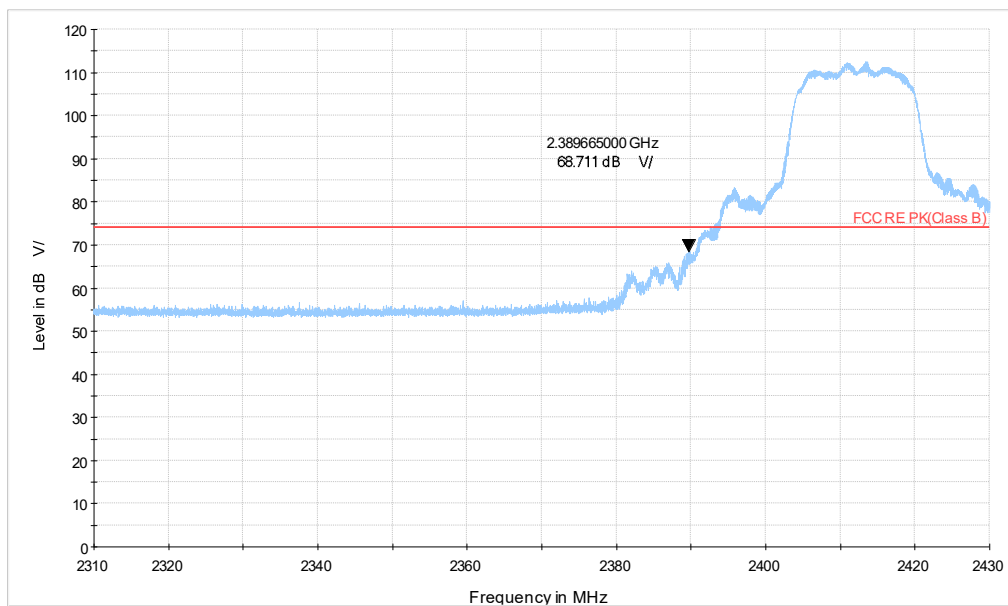
BANDEDGE_2.4G WIFI_g CH11_AV



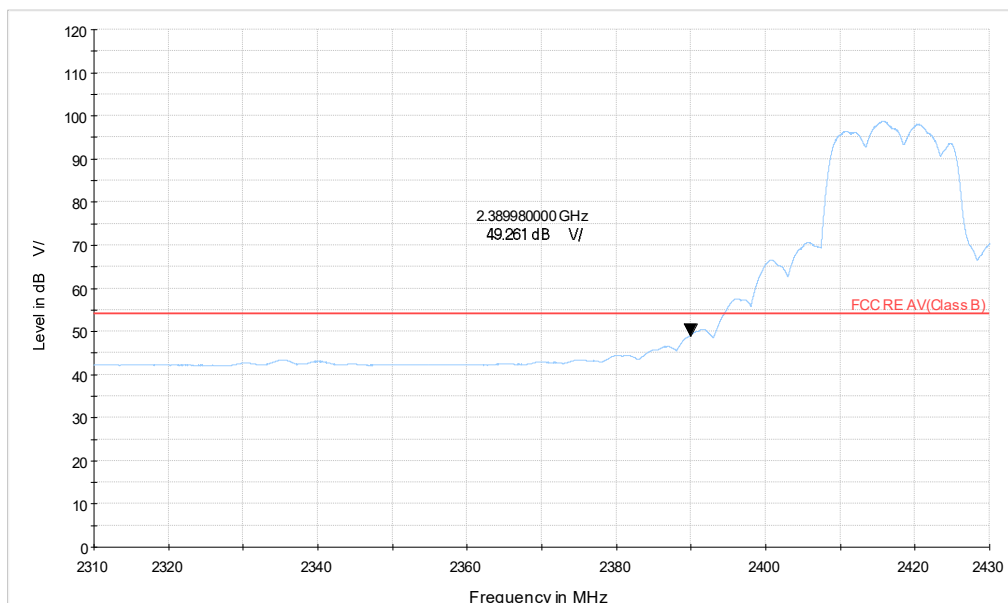
BANDEDGE_2.4G WIFI_g CH11_PK



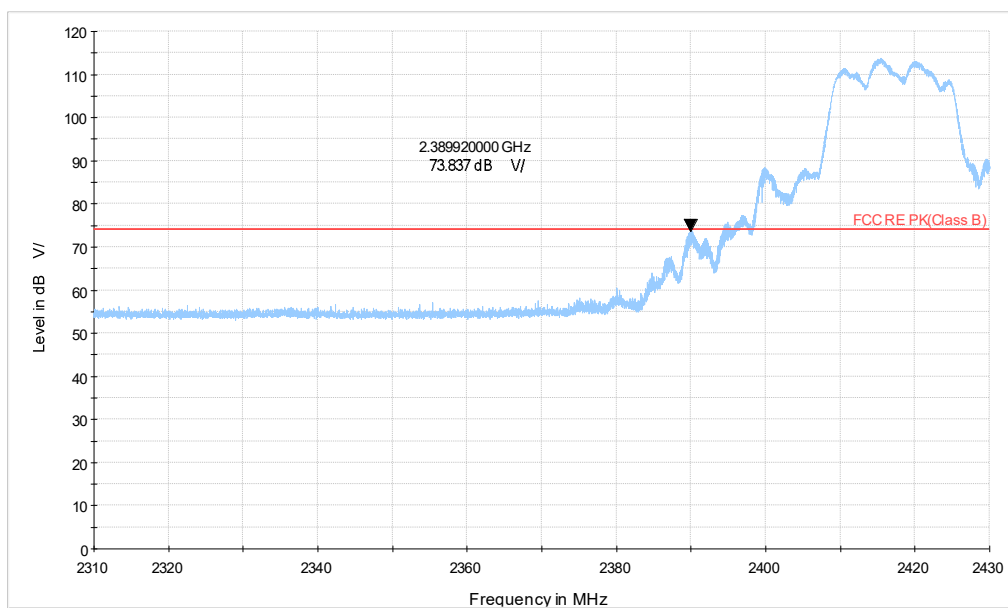
BANDEDGE_2.4G WIFI_g CH1_AV



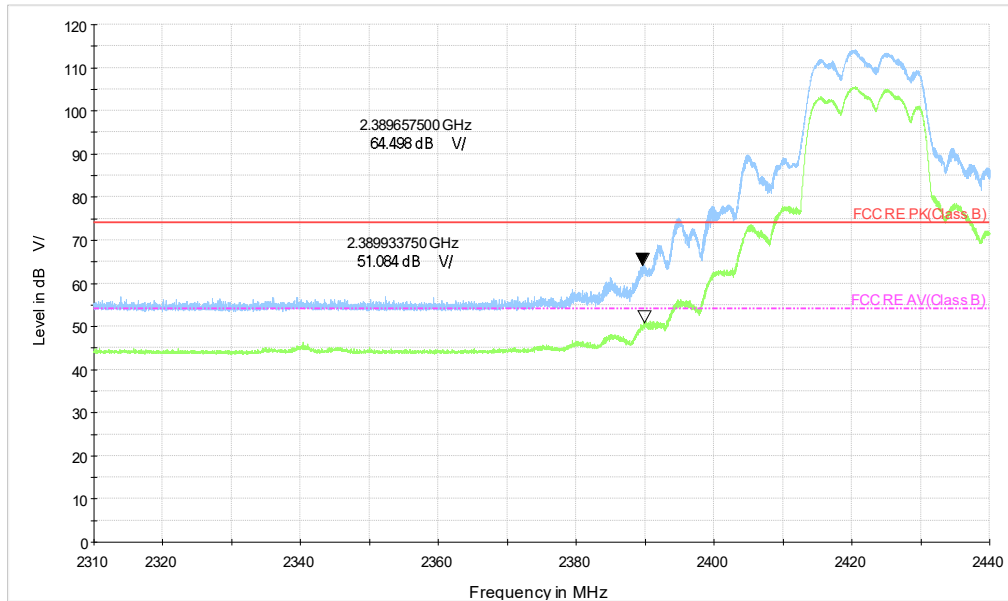
BANDEDGE_2.4G WIFI_g CH1_PK



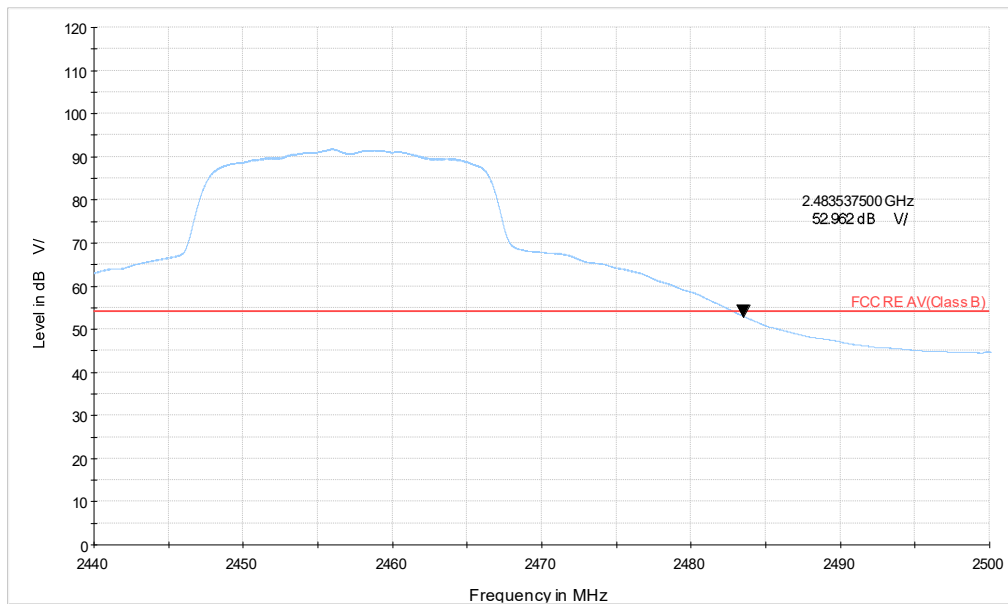
BANDEDGE_2.4G WIFI_g CH2_AV



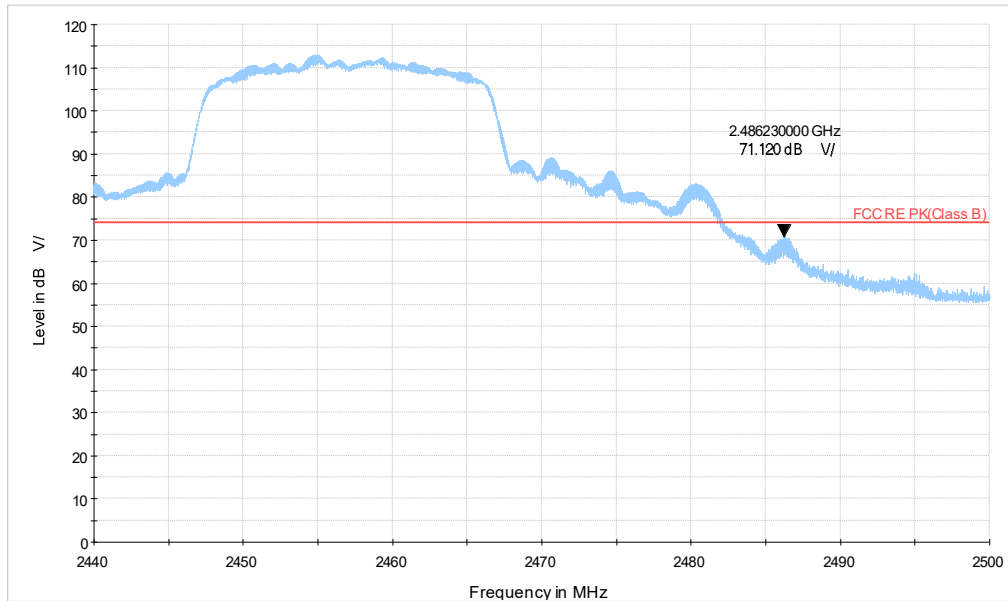
BANDEDGE_2.4G WIFI_g CH2_PK



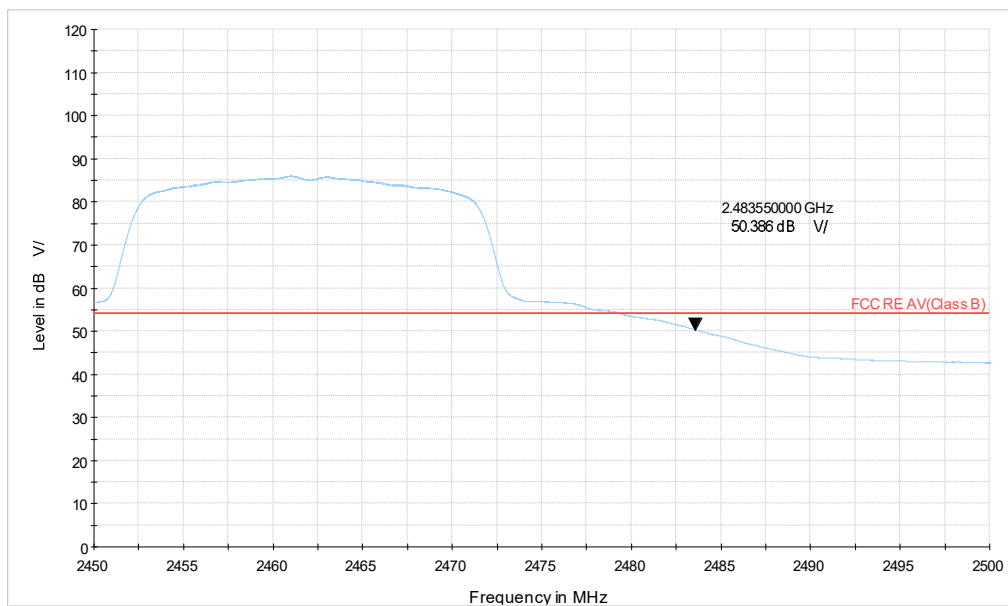
BANDEDGE_2.4G WIFI_g CH3_PK+AV



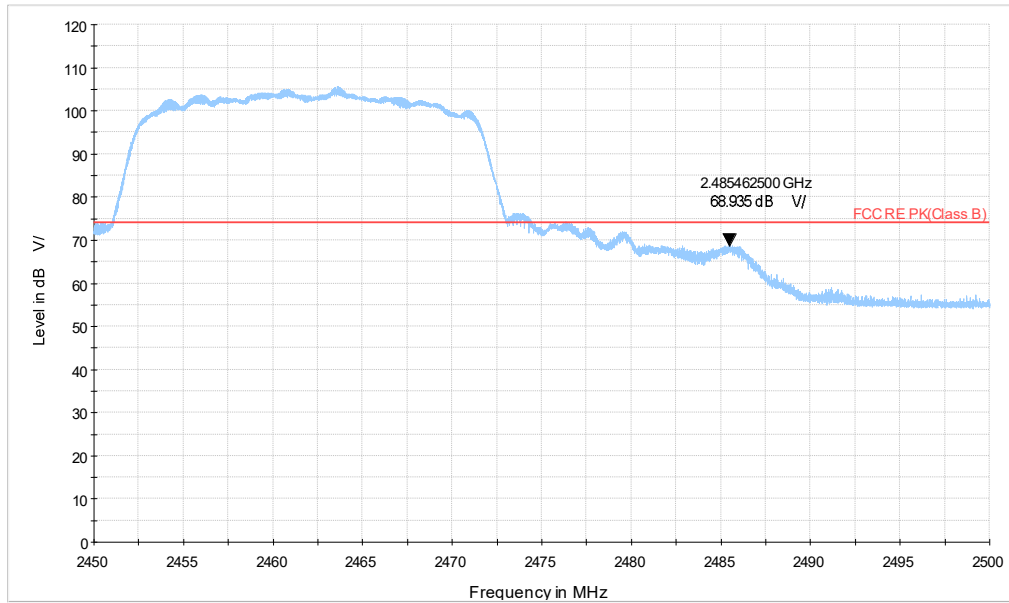
BANDEDGE_2.4G WIFI_ax20 CH10_AV



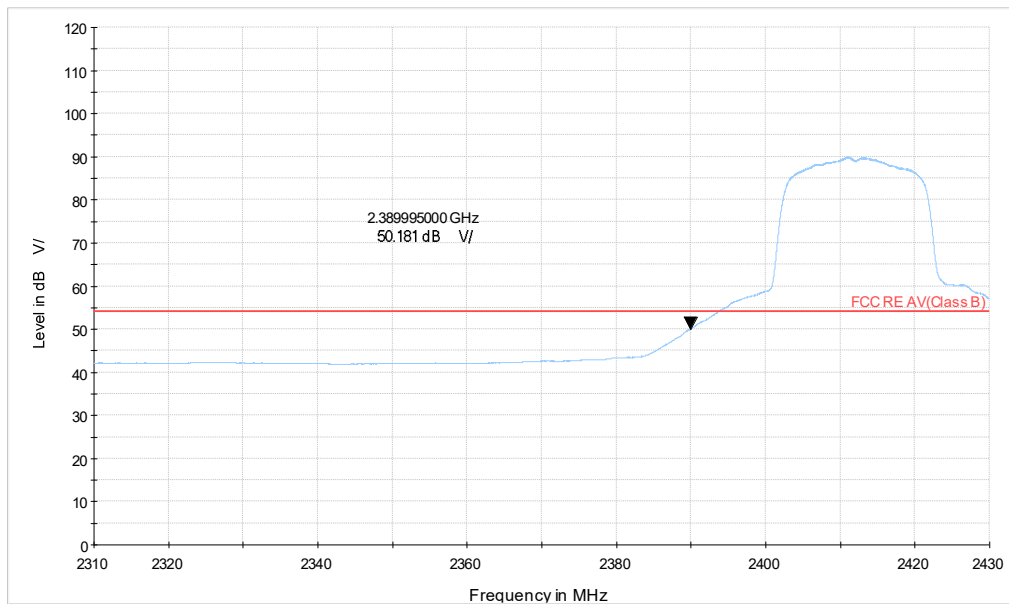
BANDEDGE_2.4G WIFI_ax20 CH10_PK



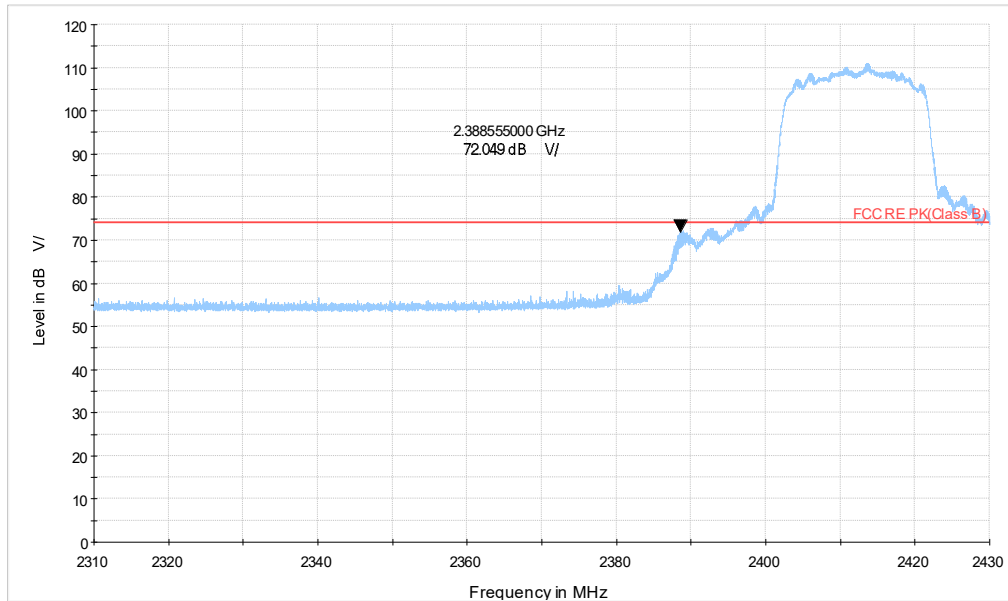
BANDEDGE_2.4G WIFI_ax20 CH11_AV



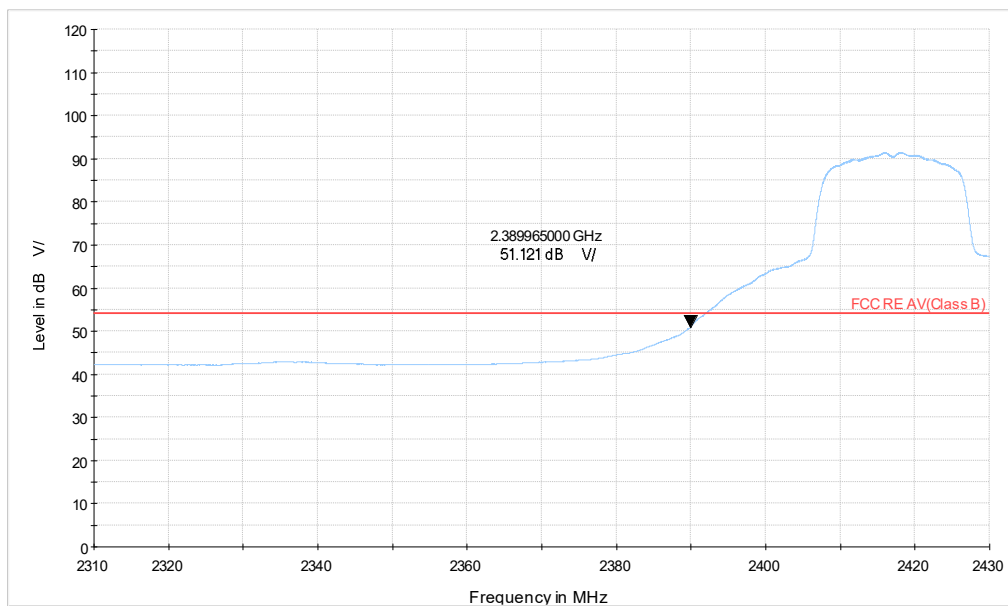
BANDEDGE_2.4G WIFI_ax20 CH11_PK



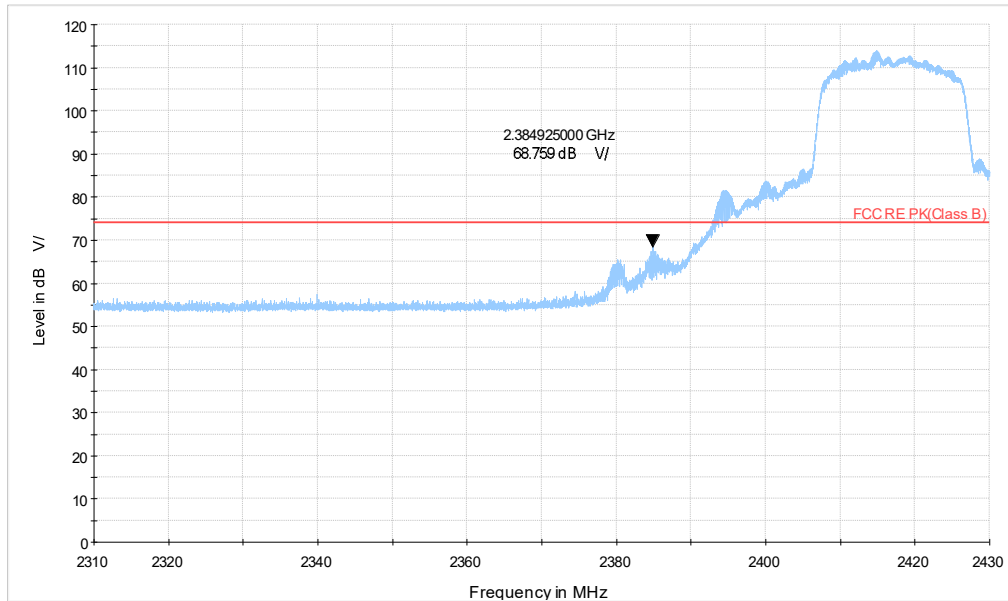
BANDEDGE_2.4G WIFI_ax20 CH1_AV



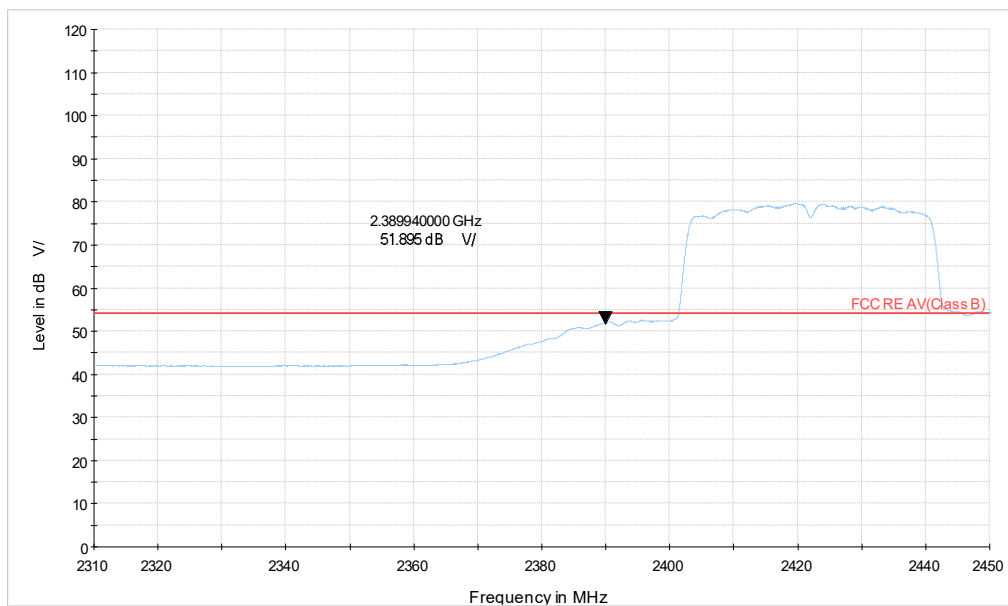
BANDEDGE_2.4G WIFI_ax20 CH1_PK



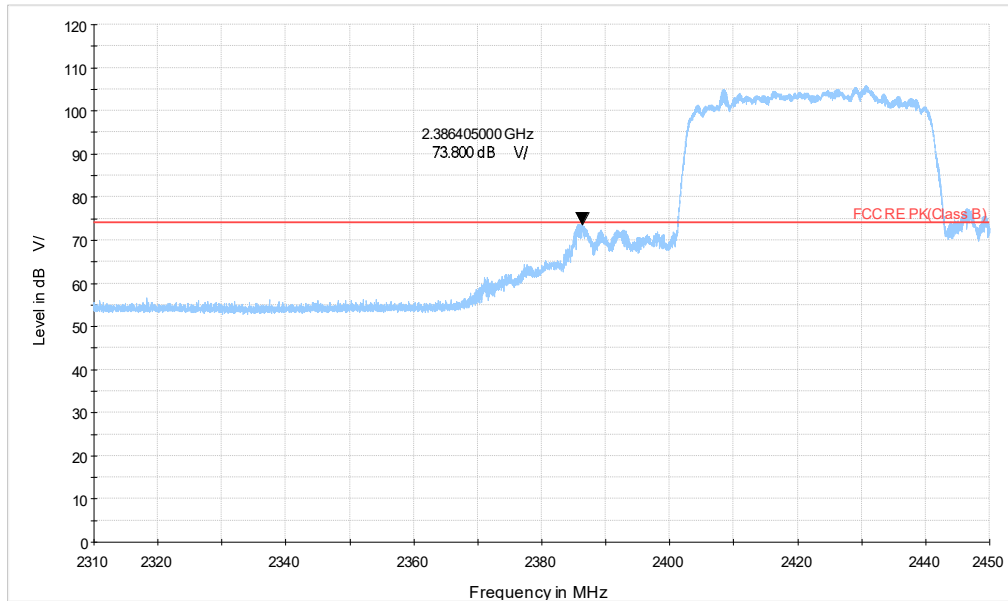
BANDEDGE_2.4G WIFI_ax20 CH2_AV



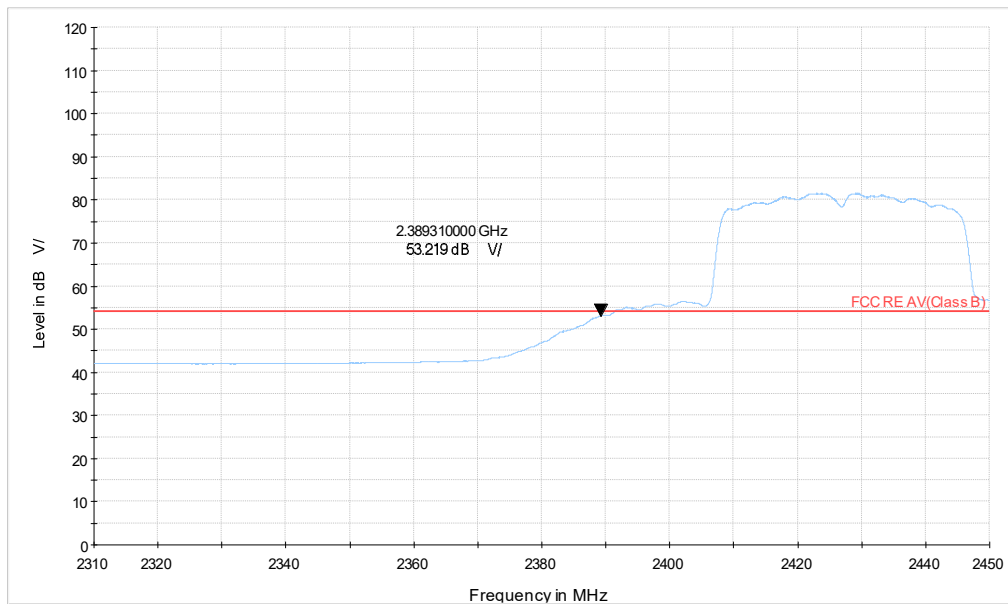
BANDEDGE_2.4G WIFI_ax20 CH2_PK



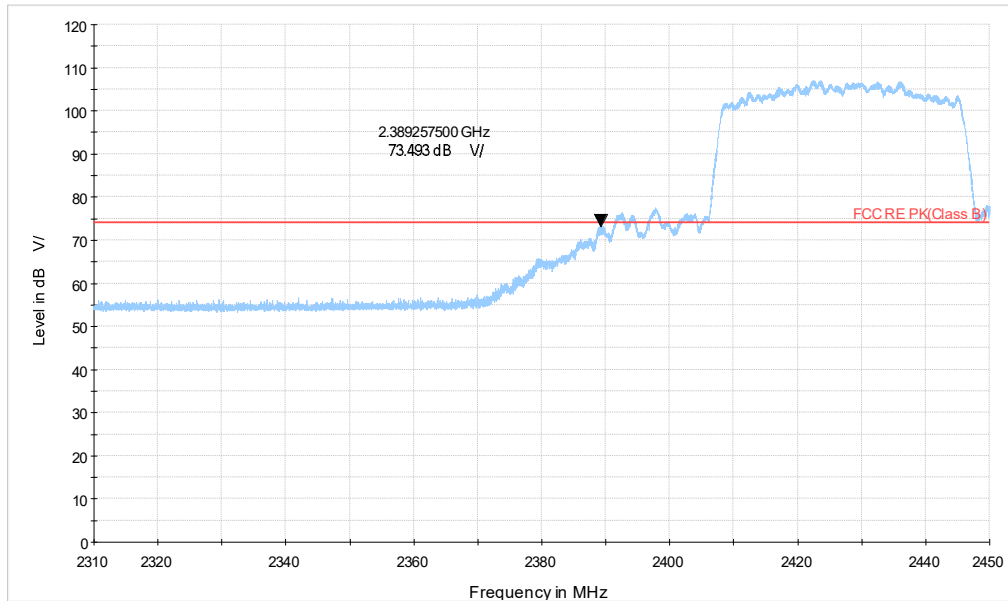
BANDEDGE_2.4G WIFI_ax40 CH3_AV



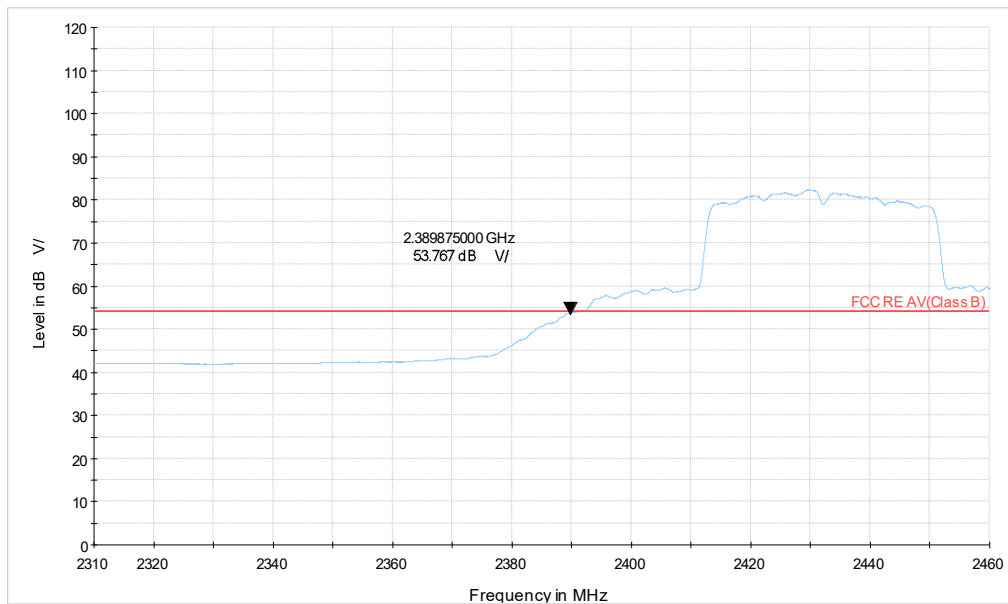
BANDEDGE_2.4G WIFI_ax40 CH3_PK



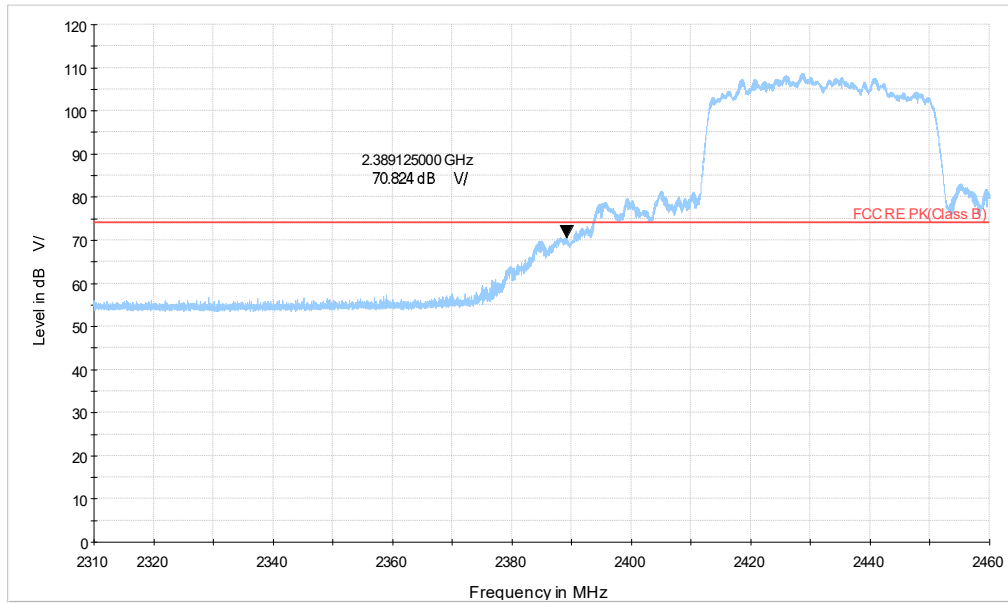
BANDEDGE_2.4G WIFI_ax40 CH4_AV



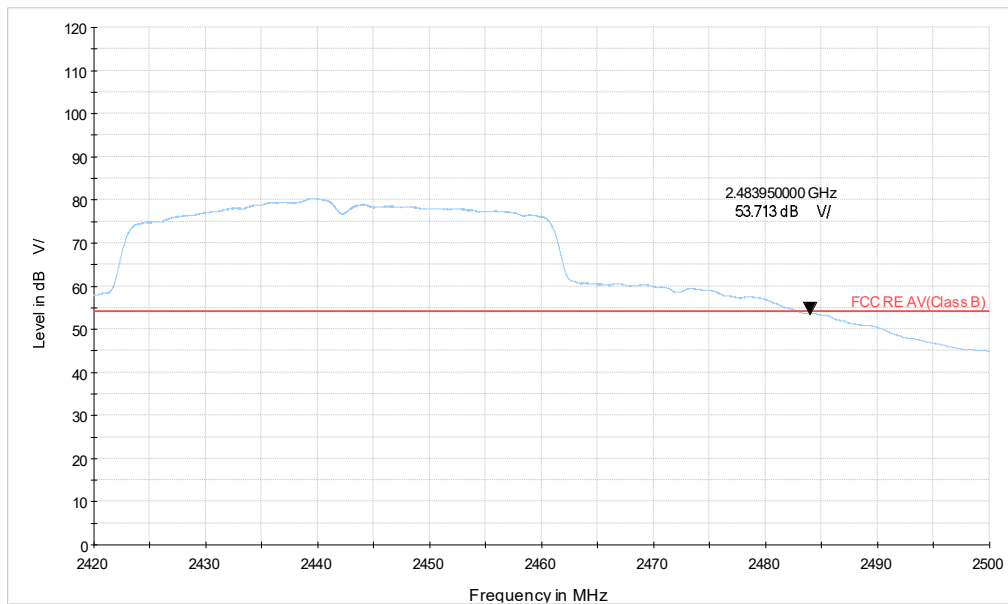
BANDEDGE_2.4G WIFI_ax40 CH4_PK



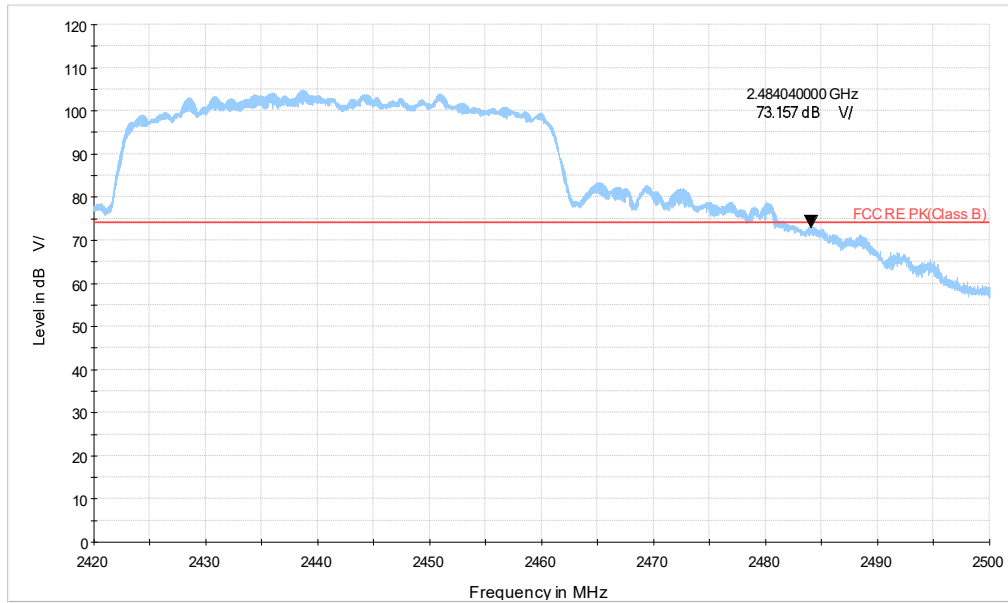
BANDEDGE_2.4G WIFI_ax40 CH5_AV



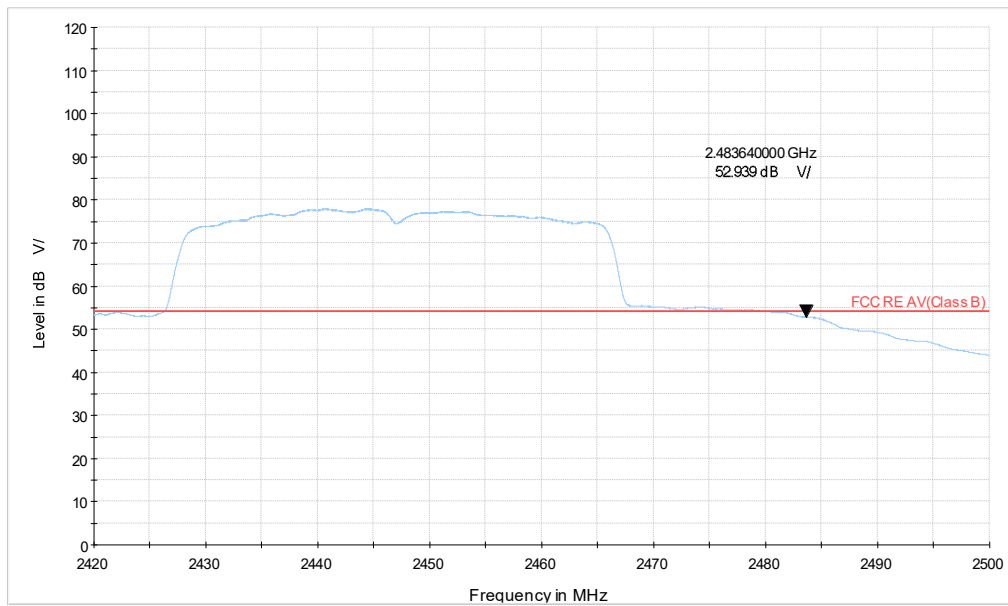
BANDEDGE_2.4G WIFI_ax40 CH5_PK



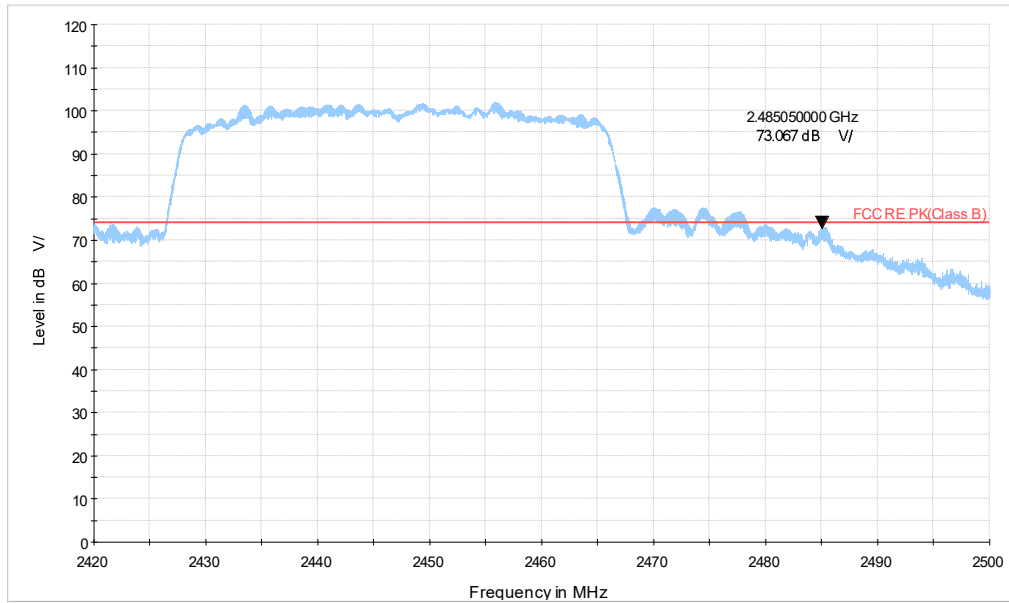
BANDEDGE_2.4G WIFI_ax40 CH7_AV



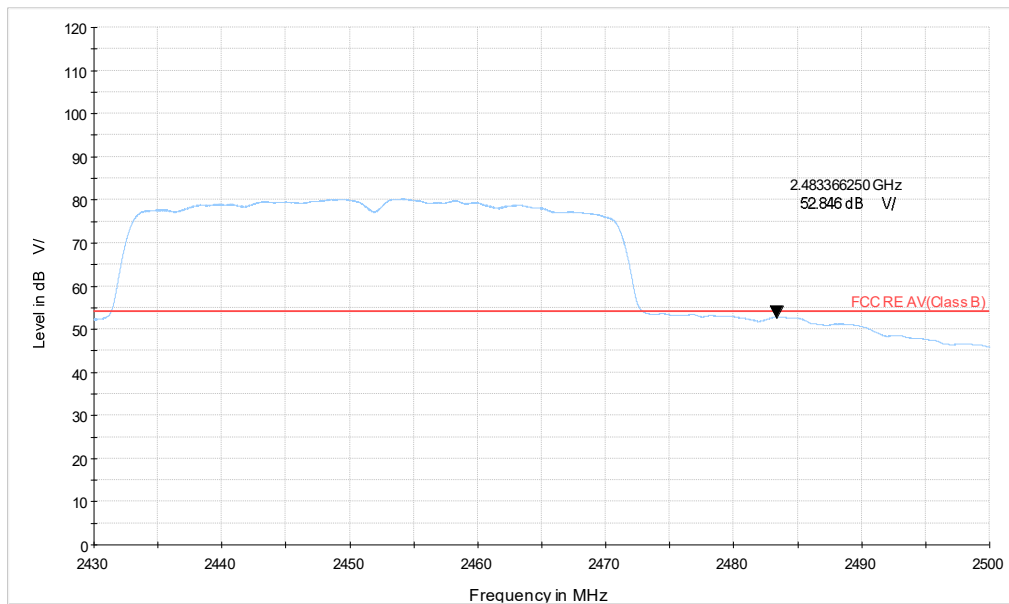
BANDEDGE_2.4G WIFI_ax40 CH7_PK



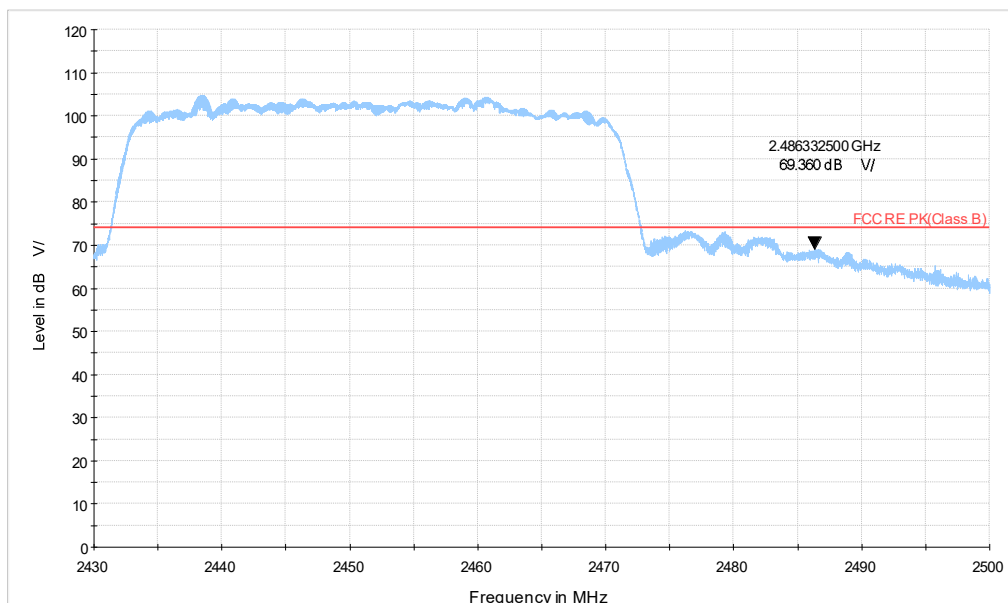
BANDEDGE_2.4G WIFI_ax40 CH8_AV



BANDEDGE_2.4G WIFI_ax40 CH8_PK



BANDEDGE_2.4G WIFI_ax40 CH9_AV



BANEDGE_2.4G WIFI_ax40 CH9_PK

Result of RE

Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier. The Radiates Emission from 9kHz to 30MHz and 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. **A symbol ($\text{dB } \mu\text{V/m}$) in the test plot below means ($\text{dB}\mu\text{V/m}$)**
4. **The following graphs display the maximum values of horizontal and vertical by software.**
5. **For below 1GHz**

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

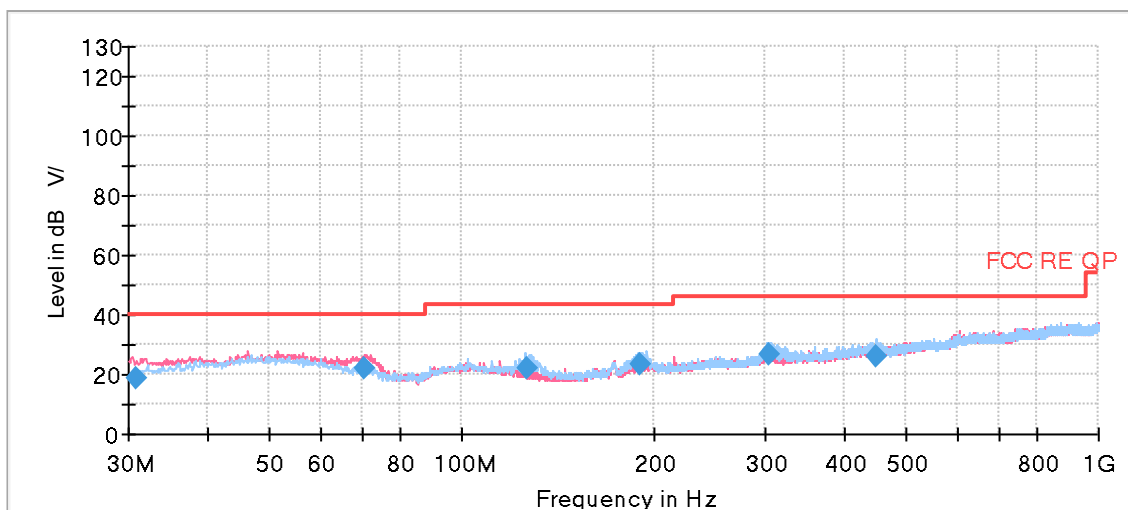
For above 1GHz

 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:

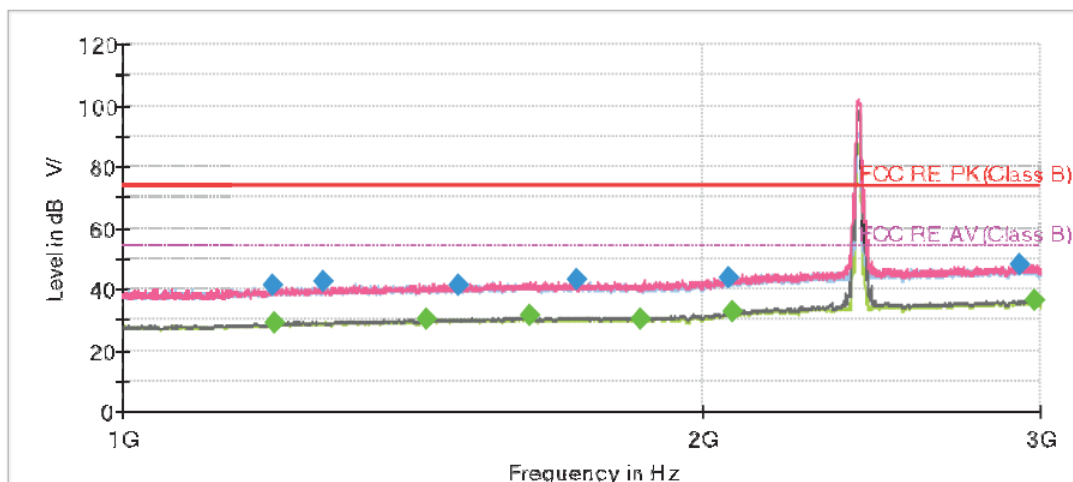
During the test, the Radiates Emission from 30MHz to 1GHz was performed in all modes with all channels, the test data of the worst-case (802.11b CH11) condition was recorded in this report.



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
30.890000	18.41	40.00	21.59	101.0	V	327.0	17.2
70.420000	22.09	40.00	17.91	202.0	V	299.0	16.4
126.348750	22.12	43.50	21.38	180.0	H	208.0	16.2
190.491250	23.44	43.50	20.06	101.0	H	100.0	18.6
304.596250	26.61	46.00	19.39	114.0	H	68.0	21.2
446.980000	26.16	46.00	19.84	194.0	H	161.0	24.1

802.11b CH1

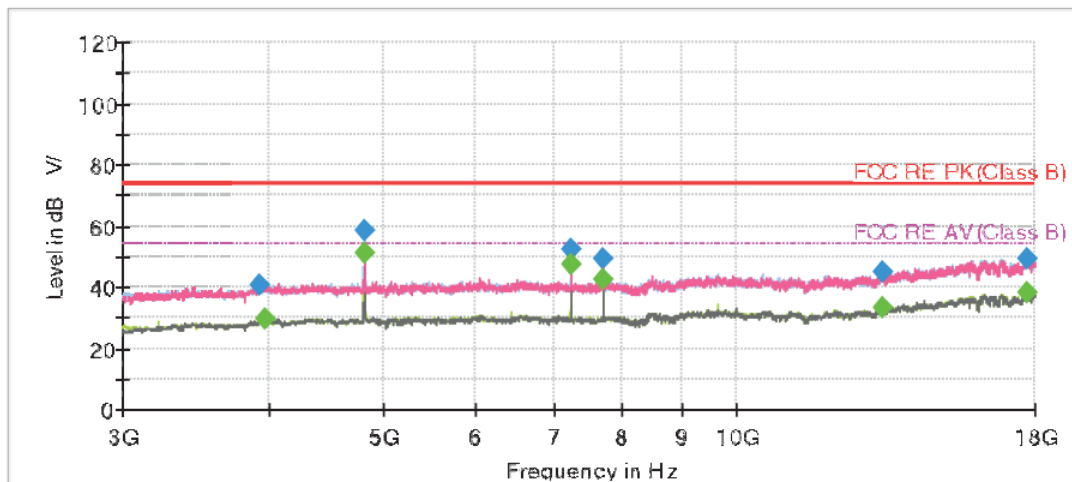


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1198.000000	41.09	---	74.00	32.91	500.0	100.0	V	166.0	-8.8
1200.000000	---	28.95	54.00	25.05	500.0	100.0	V	10.0	-8.8
1272.250000	42.36	---	74.00	31.64	500.0	100.0	V	121.0	-8.4
1439.000000	---	30.20	54.00	23.80	500.0	100.0	V	197.0	-7.3
1496.000000	41.11	---	74.00	32.89	500.0	100.0	V	80.0	-7.0
1629.000000	---	31.23	54.00	22.77	500.0	200.0	V	338.0	-6.2
1721.500000	42.85	---	74.00	31.15	500.0	100.0	V	116.0	-5.9
1860.250000	---	30.36	54.00	23.64	500.0	200.0	V	338.0	-5.2
2066.750000	43.59	---	74.00	30.41	500.0	200.0	V	36.0	-4.1
2075.000000	---	32.48	54.00	21.52	500.0	100.0	V	89.0	-4.0
2928.250000	47.80	---	74.00	26.20	500.0	200.0	V	201.0	-1.0
2981.000000	---	36.52	54.00	17.48	500.0	200.0	V	218.0	-0.7

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

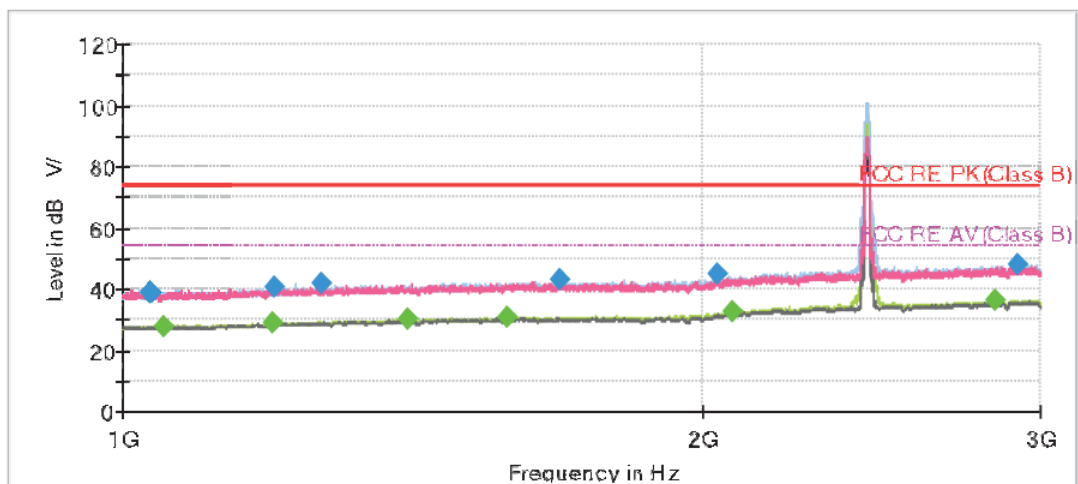


Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3924.375000	40.89	---	74.00	33.11	500.0	100.0	V	5.0	-7.3
3969.375000	---	29.49	54.00	24.51	500.0	200.0	V	264.0	-7.0
4822.500000	---	51.36	54.00	2.64	500.0	100.0	H	293.0	-6.1
4822.500000	58.55	---	74.00	15.45	500.0	100.0	H	293.0	-6.1
7233.750000	---	47.63	54.00	6.37	500.0	100.0	H	61.0	-2.9
7237.500000	52.11	---	74.00	21.89	500.0	100.0	H	61.0	-2.9
7717.500000	49.08	---	74.00	24.92	500.0	200.0	V	264.0	-2.5
7717.500000	---	42.71	54.00	11.29	500.0	200.0	V	264.0	-2.5
13338.750000	44.88	---	74.00	29.12	500.0	200.0	H	34.0	2.3
13351.875000	---	33.11	54.00	20.89	500.0	200.0	V	211.0	2.4
17720.625000	49.27	---	74.00	24.73	500.0	100.0	V	55.0	10.3
17746.875000	---	38.45	54.00	15.55	500.0	100.0	H	268.0	10.3

Radiates Emission from 3GHz to 18GHz

802.11b CH6

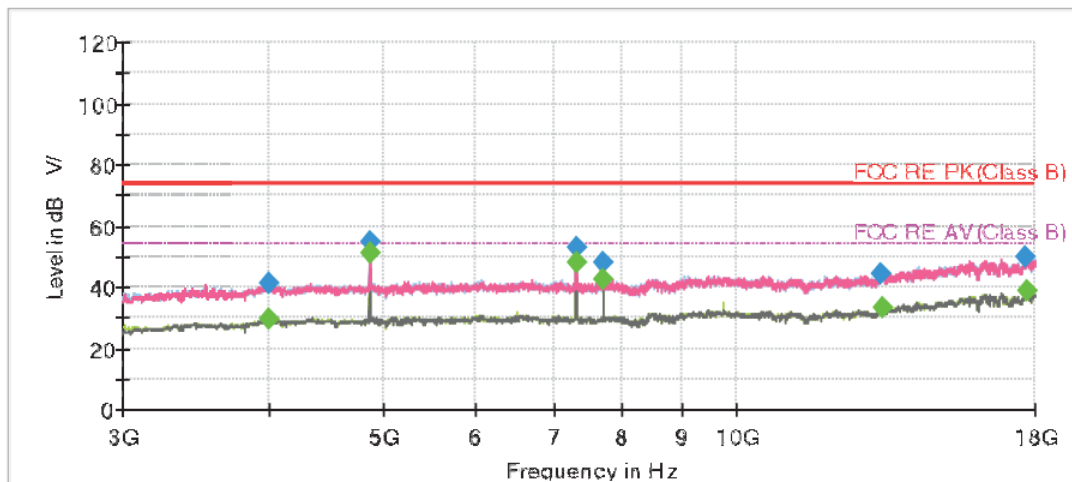


Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1033.500000	38.85	---	74.00	35.15	500.0	100.0	V	49.0	-10.6
1051.500000	---	27.65	54.00	26.35	500.0	100.0	H	238.0	-10.5
1197.000000	---	29.15	54.00	24.85	500.0	200.0	H	52.0	-8.9
1198.250000	40.64	---	74.00	33.36	500.0	100.0	H	137.0	-8.8
1268.000000	41.95	---	74.00	32.05	500.0	100.0	H	333.0	-8.5
1407.250000	---	30.13	54.00	23.87	500.0	200.0	H	171.0	-7.5
1585.250000	---	30.95	54.00	23.05	500.0	200.0	H	154.0	-6.5
1689.500000	42.92	---	74.00	31.08	500.0	200.0	H	22.0	-6.0
2039.750000	44.71	---	74.00	29.29	500.0	200.0	H	0.0	-4.3
2076.500000	---	32.74	54.00	21.26	500.0	100.0	H	354.0	-4.0
2841.500000	---	36.58	54.00	17.42	500.0	200.0	H	189.0	-1.1
2923.250000	48.03	---	74.00	25.97	500.0	200.0	H	26.0	-1.0

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

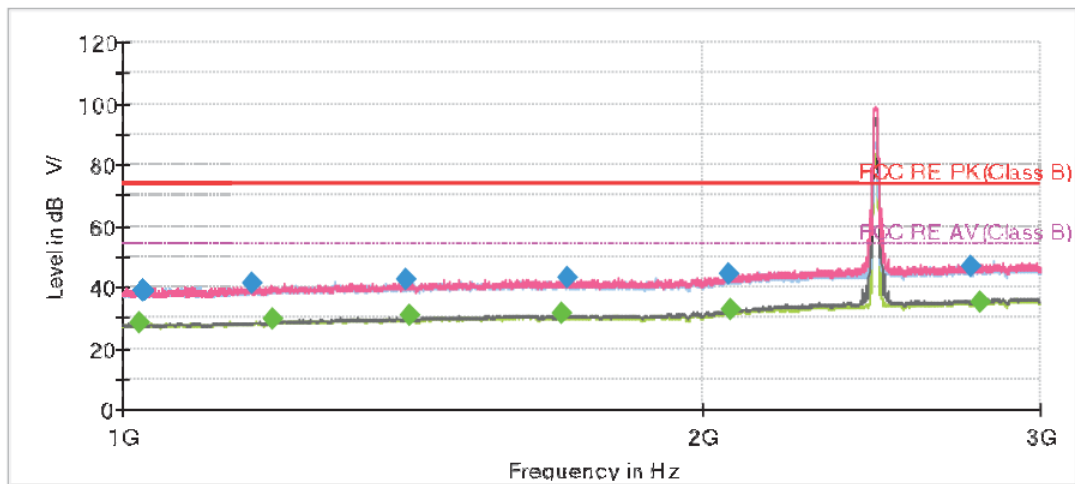


Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4001.250000	41.15	---	74.00	32.85	500.0	200.0	H	143.0	-6.8
4005.000000	---	29.60	54.00	24.40	500.0	100.0	V	312.0	-6.8
4873.125000	---	51.11	54.00	2.89	500.0	100.0	H	290.0	-5.8
4873.125000	55.05	---	74.00	18.95	500.0	100.0	H	290.0	-5.8
7308.750000	---	48.17	54.00	5.83	500.0	100.0	H	47.0	-3.0
7308.750000	52.64	---	74.00	21.36	500.0	100.0	H	47.0	-3.0
7717.500000	48.27	---	74.00	25.73	500.0	200.0	V	259.0	-2.5
7717.500000	---	42.68	54.00	11.32	500.0	200.0	V	259.0	-2.5
13290.000000	44.02	---	74.00	29.98	500.0	200.0	V	73.0	2.3
13331.250000	---	33.37	54.00	20.63	500.0	100.0	H	305.0	2.3
17677.500000	49.82	---	74.00	24.18	500.0	200.0	H	114.0	10.3
17746.875000	---	38.52	54.00	15.48	500.0	100.0	H	172.0	10.3

Radiates Emission from 3GHz to 18GHz

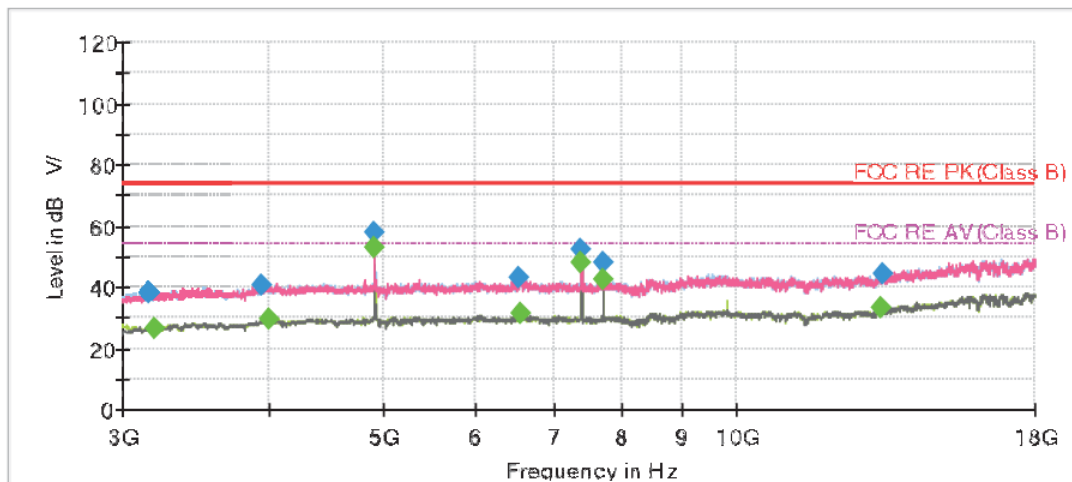
802.11b CH11



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)
1020.750000	---	28.02	54.00	25.98	500.0	200.0	V	215.0	-10.6
1026.000000	38.91	---	74.00	35.09	500.0	200.0	H	64.0	-10.6
1166.750000	41.12	---	74.00	32.88	500.0	100.0	V	16.0	-9.5
1197.500000	---	29.26	54.00	24.74	500.0	200.0	V	251.0	-8.9
1404.000000	42.33	---	74.00	31.67	500.0	100.0	V	21.0	-7.6
1411.250000	---	30.76	54.00	23.24	500.0	100.0	H	2.0	-7.5
1690.250000	---	31.10	54.00	22.90	500.0	200.0	V	309.0	-6.0
1703.000000	43.02	---	74.00	30.98	500.0	100.0	V	29.0	-6.0
2067.500000	44.06	---	74.00	29.94	500.0	200.0	V	291.0	-4.0
2072.750000	---	32.56	54.00	21.44	500.0	200.0	V	326.0	-4.0
2762.500000	46.78	---	74.00	27.22	500.0	100.0	V	34.0	-1.5
2789.000000	---	35.33	54.00	18.67	500.0	100.0	H	285.0	-1.3

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

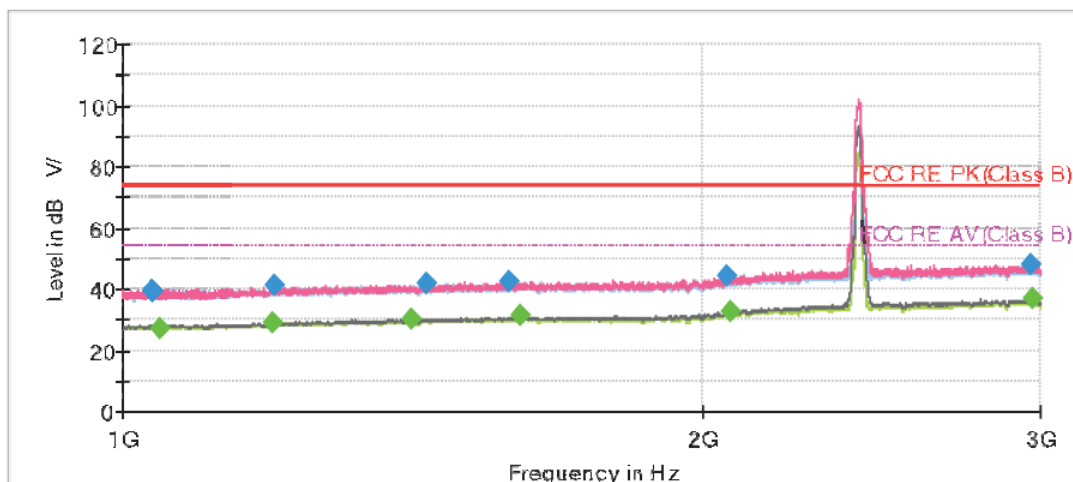


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3163.125000	38.20	---	74.00	35.80	500.0	200.0	H	45.0	-10.2
3191.250000	---	26.40	54.00	27.60	500.0	100.0	H	59.0	-10.0
3941.250000	40.84	---	74.00	33.16	500.0	200.0	V	356.0	-7.3
4003.125000	---	29.49	54.00	24.51	500.0	100.0	V	45.0	-6.8
4923.750000	---	52.78	54.00	1.22	500.0	100.0	H	289.0	-5.3
4923.750000	57.58	---	74.00	16.42	500.0	100.0	H	289.0	-5.3
6541.875000	42.88	---	74.00	31.12	500.0	200.0	H	107.0	-3.5
6564.375000	---	31.67	54.00	22.33	500.0	100.0	H	294.0	-3.5
7383.750000	52.34	---	74.00	21.66	500.0	100.0	H	54.0	-2.8
7383.750000	---	47.82	54.00	6.18	500.0	100.0	H	54.0	-2.8
7717.500000	48.07	---	74.00	25.93	500.0	200.0	V	259.0	-2.5
7717.500000	---	42.69	54.00	11.31	500.0	200.0	V	259.0	-2.5
13327.500000	---	33.16	54.00	20.84	500.0	100.0	H	98.0	2.3
13338.750000	44.52	---	74.00	29.48	500.0	100.0	H	177.0	2.3

Radiates Emission from 3GHz to 18GHz

802.11g CH1

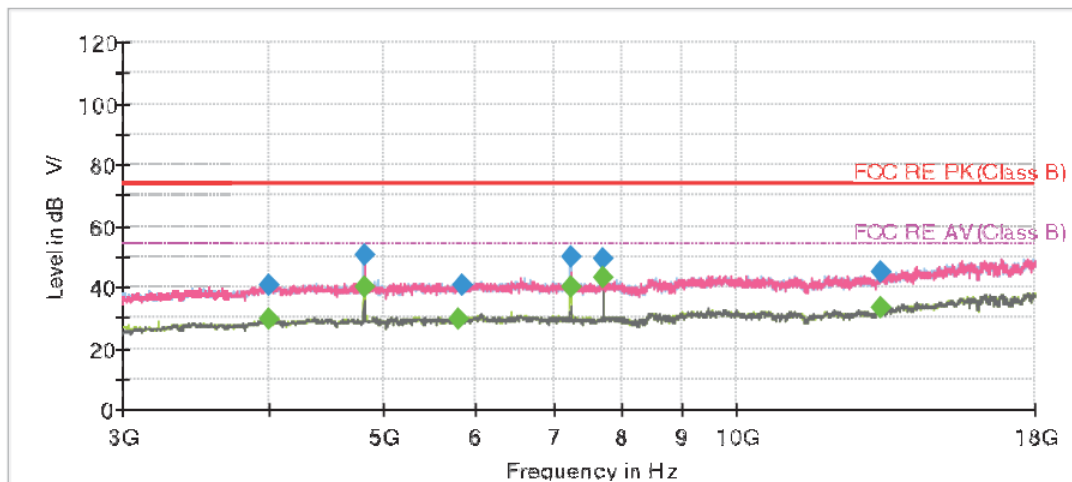


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1036.250000	39.31	---	74.00	34.69	500.0	100.0	H	254.0	-10.5
1045.500000	---	27.36	54.00	26.64	500.0	100.0	V	172.0	-10.5
1197.750000	---	29.11	54.00	24.89	500.0	100.0	H	99.0	-8.8
1200.500000	41.27	---	74.00	32.73	500.0	200.0	V	0.0	-8.8
1413.250000	---	30.28	54.00	23.72	500.0	100.0	V	172.0	-7.5
1440.000000	41.89	---	74.00	32.11	500.0	200.0	V	294.0	-7.3
1587.500000	42.70	---	74.00	31.30	500.0	100.0	V	284.0	-6.5
1609.500000	---	31.13	54.00	22.87	500.0	100.0	V	0.0	-6.3
2060.500000	44.18	---	74.00	29.82	500.0	100.0	V	26.0	-4.1
2073.000000	---	32.73	54.00	21.27	500.0	100.0	V	63.0	-4.0
2968.750000	47.98	---	74.00	26.02	500.0	200.0	V	298.0	-0.7
2971.500000	---	36.89	54.00	17.11	500.0	200.0	V	156.0	-0.7

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

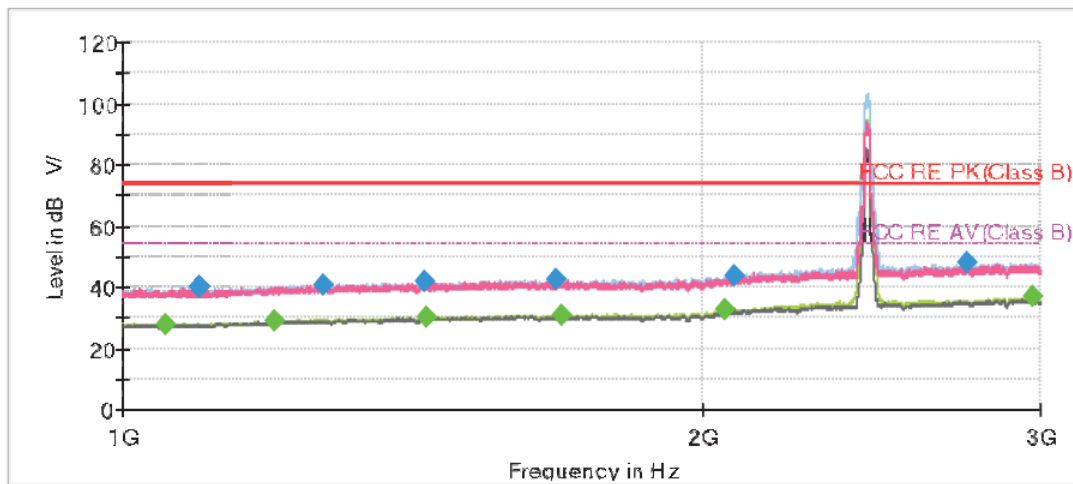


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3993.750000	40.59	---	74.00	33.41	500.0	100.0	V	27.0	-6.8
4003.125000	---	29.60	54.00	24.40	500.0	200.0	V	71.0	-6.8
4824.375000	---	40.12	54.00	13.88	500.0	100.0	H	293.0	-6.1
4824.375000	50.47	---	74.00	23.53	500.0	100.0	H	293.0	-6.1
5801.250000	---	29.64	54.00	24.36	500.0	200.0	H	17.0	-4.8
5848.125000	40.86	---	74.00	33.14	500.0	200.0	V	222.0	-4.9
7235.625000	---	40.27	54.00	13.73	500.0	100.0	H	48.0	-2.9
7241.250000	50.10	---	74.00	23.90	500.0	100.0	H	263.0	-2.9
7717.500000	49.20	---	74.00	24.80	500.0	200.0	V	261.0	-2.5
7717.500000	---	42.88	54.00	11.12	500.0	200.0	V	261.0	-2.5
13308.750000	---	33.12	54.00	20.88	500.0	100.0	H	249.0	2.3
13316.250000	44.92	---	74.00	29.08	500.0	100.0	V	52.0	2.3

Radiates Emission from 3GHz to 18GHz

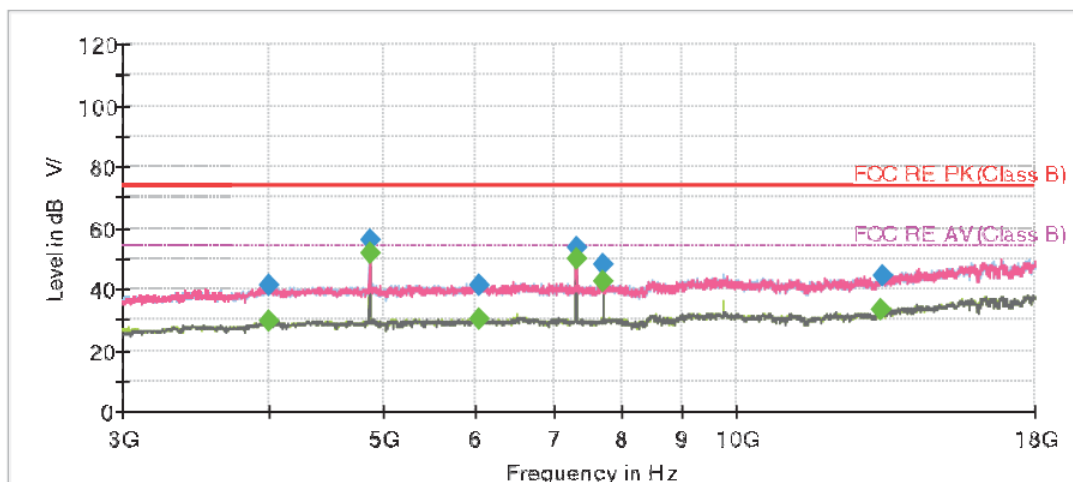
802.11g CH6



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)
1053.250000	---	27.51	54.00	26.49	500.0	200.0	H	8.0	-10.5
1096.250000	40.23	---	74.00	33.77	500.0	100.0	V	154.0	-10.1
1198.250000	---	28.98	54.00	25.02	500.0	100.0	H	355.0	-8.8
1271.500000	40.83	---	74.00	33.17	500.0	200.0	H	218.0	-8.4
1434.500000	41.85	---	74.00	32.15	500.0	200.0	H	25.0	-7.4
1438.250000	---	30.35	54.00	23.65	500.0	100.0	V	24.0	-7.3
1680.000000	42.73	---	74.00	31.27	500.0	100.0	H	346.0	-6.0
1693.250000	---	30.96	54.00	23.04	500.0	100.0	H	159.0	-6.0
2057.250000	---	32.54	54.00	21.46	500.0	100.0	H	93.0	-4.1
2077.750000	43.70	---	74.00	30.30	500.0	100.0	H	282.0	-3.9
2751.250000	48.19	---	74.00	25.81	500.0	100.0	H	120.0	-1.5
2973.750000	---	36.87	54.00	17.13	500.0	100.0	H	195.0	-0.7

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

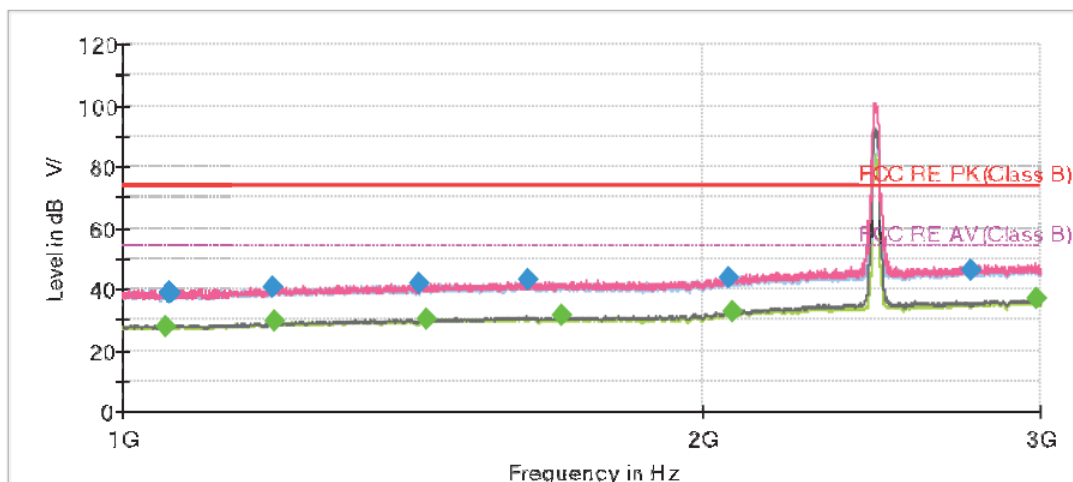


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3999.375000	---	29.57	54.00	24.43	500.0	200.0	H	11.0	-6.8
4003.125000	41.07	---	74.00	32.93	500.0	100.0	H	236.0	-6.8
4873.125000	---	51.88	54.00	2.12	500.0	100.0	H	294.0	-5.8
4873.125000	55.94	---	74.00	18.06	500.0	100.0	H	294.0	-5.8
6039.375000	---	30.07	54.00	23.93	500.0	200.0	H	267.0	-4.2
6045.000000	41.51	---	74.00	32.49	500.0	100.0	H	143.0	-4.2
7308.750000	53.78	---	74.00	20.22	500.0	100.0	H	46.0	-3.0
7308.750000	---	49.62	54.00	4.38	500.0	100.0	H	46.0	-3.0
7717.500000	48.21	---	74.00	25.79	500.0	200.0	V	261.0	-2.5
7717.500000	---	42.64	54.00	11.36	500.0	200.0	V	261.0	-2.5
13312.500000	---	33.12	54.00	20.88	500.0	200.0	V	270.0	2.3
13350.000000	44.28	---	74.00	29.72	500.0	200.0	H	85.0	2.4

Radiates Emission from 3GHz to 18GHz

802.11g CH11

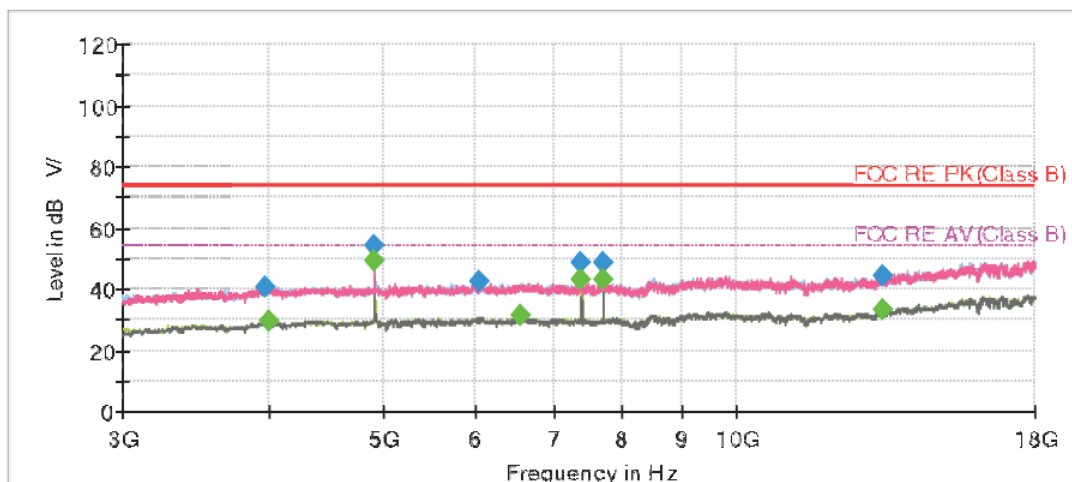


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1053.750000	---	27.92	54.00	26.08	500.0	100.0	H	12.0	-10.5
1058.000000	38.77	---	74.00	35.23	500.0	100.0	V	251.0	-10.4
1197.250000	40.81	---	74.00	33.19	500.0	100.0	V	225.0	-8.9
1199.750000	---	29.24	54.00	24.76	500.0	100.0	V	342.0	-8.8
1426.500000	41.83	---	74.00	32.17	500.0	200.0	V	119.0	-7.4
1437.750000	---	30.22	54.00	23.78	500.0	200.0	V	124.0	-7.3
1625.250000	42.84	---	74.00	31.16	500.0	100.0	V	311.0	-6.2
1690.000000	---	31.12	54.00	22.88	500.0	200.0	V	115.0	-6.0
2067.750000	43.92	---	74.00	30.08	500.0	100.0	V	212.0	-4.0
2076.000000	---	32.69	54.00	21.31	500.0	200.0	V	19.0	-4.0
2761.000000	45.94	---	74.00	28.06	500.0	200.0	V	62.0	-1.5
2986.750000	---	36.67	54.00	17.33	500.0	100.0	V	178.0	-0.7

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

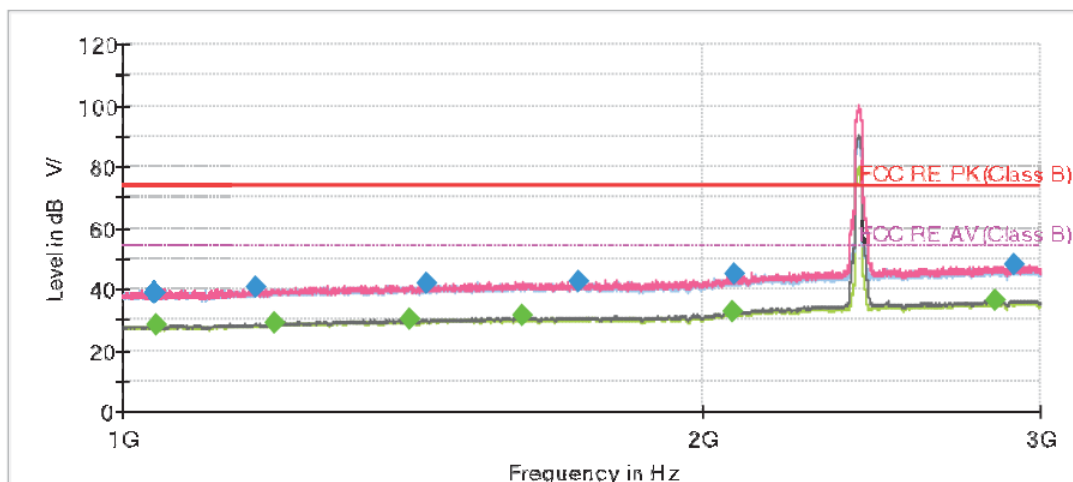


Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3976.875000	40.42	---	74.00	33.58	500.0	100.0	H	148.0	-6.9
4003.125000	---	29.44	54.00	24.56	500.0	100.0	H	241.0	-6.8
4923.750000	---	49.37	54.00	4.63	500.0	100.0	H	295.0	-5.3
4923.750000	53.98	---	74.00	20.02	500.0	100.0	H	295.0	-5.3
6045.000000	42.20	---	74.00	31.80	500.0	200.0	V	277.0	-4.2
6564.375000	---	31.62	54.00	22.38	500.0	100.0	H	314.0	-3.5
7383.750000	48.90	---	74.00	25.10	500.0	100.0	H	57.0	-2.8
7383.750000	---	43.21	54.00	10.79	500.0	100.0	H	57.0	-2.8
7717.500000	48.41	---	74.00	25.59	500.0	200.0	V	258.0	-2.5
7717.500000	---	42.89	54.00	11.11	500.0	200.0	V	258.0	-2.5
13335.000000	---	33.10	54.00	20.90	500.0	100.0	H	295.0	2.3
13336.875000	44.18	---	74.00	29.82	500.0	100.0	H	309.0	2.3

Radiates Emission from 3GHz to 18GHz

802.11ax HE20 CH1

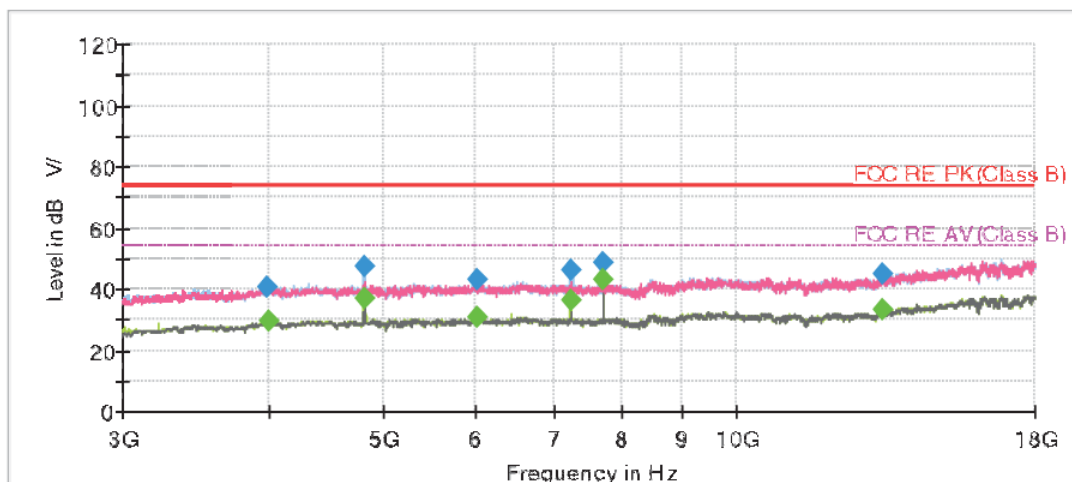


Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1039.250000	38.96	---	74.00	35.04	500.0	100.0	V	324.0	-10.5
1041.750000	---	28.07	54.00	25.93	500.0	200.0	V	2.0	-10.5
1172.250000	40.39	---	74.00	33.61	500.0	200.0	V	315.0	-9.4
1200.000000	---	29.16	54.00	24.84	500.0	200.0	V	84.0	-8.8
1409.250000	---	30.37	54.00	23.63	500.0	100.0	V	302.0	-7.5
1440.250000	41.73	---	74.00	32.27	500.0	100.0	H	118.0	-7.3
1613.750000	---	31.08	54.00	22.92	500.0	200.0	V	151.0	-6.3
1727.250000	42.73	---	74.00	31.27	500.0	200.0	V	141.0	-5.8
2076.750000	---	32.47	54.00	21.53	500.0	100.0	V	337.0	-3.9
2078.750000	44.94	---	74.00	29.06	500.0	100.0	V	328.0	-3.9
2843.250000	---	36.61	54.00	17.39	500.0	100.0	V	258.0	-1.1
2909.250000	48.14	---	74.00	25.86	500.0	100.0	V	267.0	-1.0

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

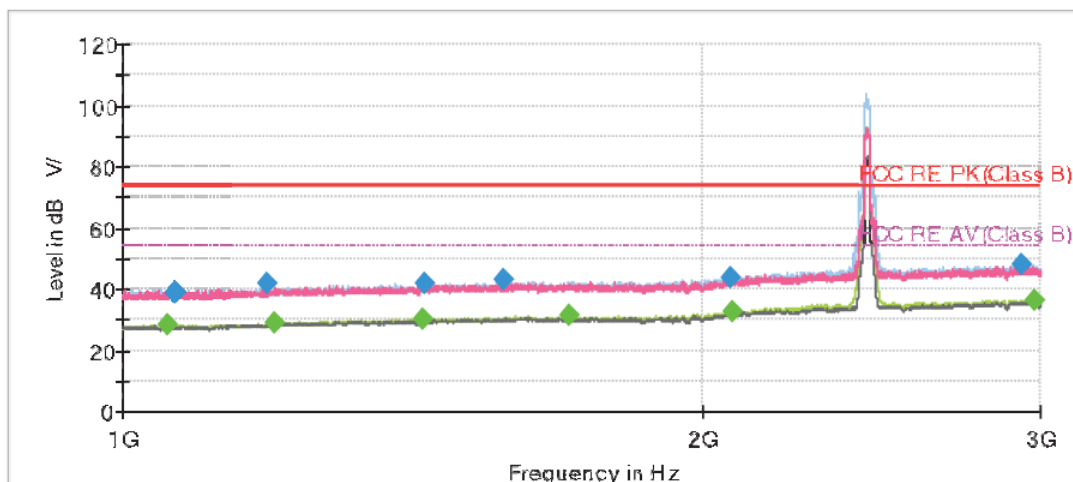


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3991.875000	40.69	---	74.00	33.31	500.0	100.0	V	113.0	-6.8
3997.500000	---	29.43	54.00	24.57	500.0	100.0	H	223.0	-6.8
4818.750000	---	36.88	54.00	17.12	500.0	100.0	H	73.0	-6.1
4822.500000	47.54	---	74.00	26.46	500.0	100.0	H	296.0	-6.1
6024.375000	---	30.51	54.00	23.49	500.0	200.0	H	59.0	-4.3
6024.375000	42.80	---	74.00	31.20	500.0	100.0	V	256.0	-4.3
7235.625000	46.06	---	74.00	27.94	500.0	100.0	H	266.0	-2.9
7235.625000	---	36.44	54.00	17.56	500.0	100.0	H	266.0	-2.9
7717.500000	48.46	---	74.00	25.54	500.0	200.0	V	261.0	-2.5
7717.500000	---	42.86	54.00	11.14	500.0	200.0	V	261.0	-2.5
13344.375000	---	33.32	54.00	20.68	500.0	100.0	V	123.0	2.3
13348.125000	44.75	---	74.00	29.25	500.0	100.0	H	174.0	2.4

Radiates Emission from 3GHz to 18GHz

802.11ax HE20 CH6

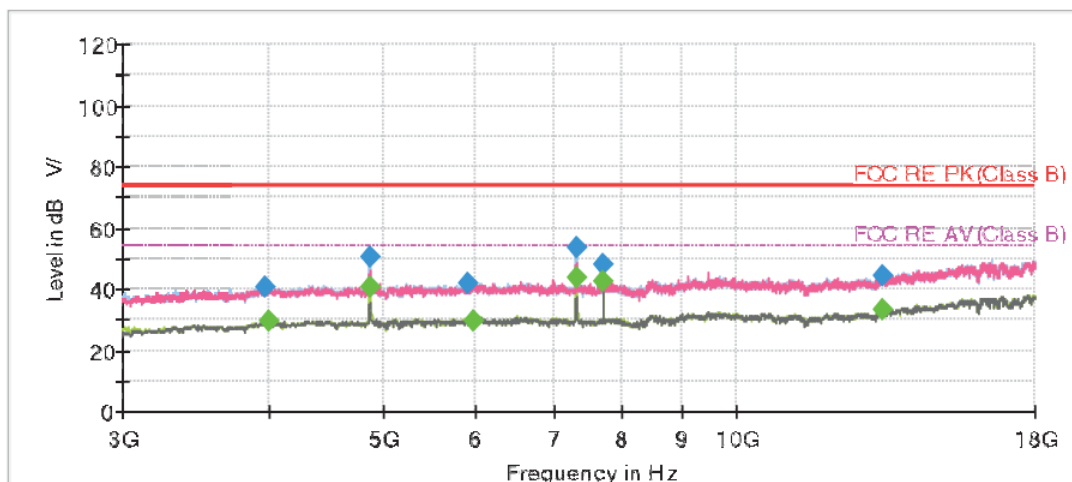


Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1055.500000	---	28.08	54.00	25.92	500.0	200.0	H	16.0	-10.4
1065.750000	38.88	---	74.00	35.12	500.0	200.0	H	210.0	-10.3
1189.500000	41.57	---	74.00	32.43	500.0	200.0	H	188.0	-9.0
1199.750000	---	29.12	54.00	24.88	500.0	200.0	H	132.0	-8.8
1432.750000	---	30.26	54.00	23.74	500.0	200.0	H	167.0	-7.4
1435.250000	41.99	---	74.00	32.01	500.0	100.0	H	299.0	-7.4
1578.750000	42.83	---	74.00	31.17	500.0	200.0	V	337.0	-6.6
1706.500000	---	31.11	54.00	22.89	500.0	200.0	H	111.0	-6.0
2070.750000	43.75	---	74.00	30.25	500.0	100.0	V	116.0	-4.0
2075.250000	---	32.74	54.00	21.26	500.0	200.0	H	141.0	-4.0
2936.000000	48.07	---	74.00	25.93	500.0	100.0	H	260.0	-1.0
2976.750000	---	36.58	54.00	17.42	500.0	100.0	H	174.0	-0.7

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

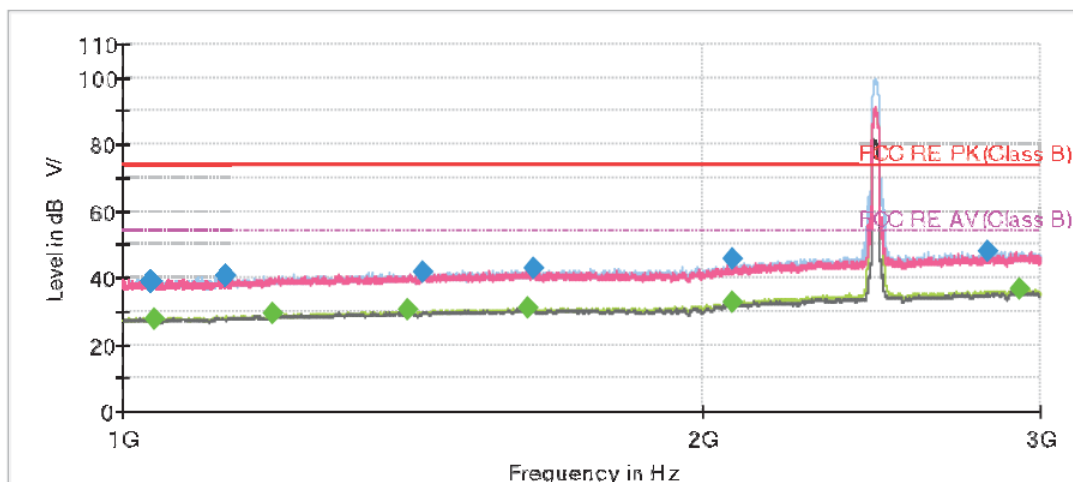


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3965.625000	40.39	---	74.00	33.61	500.0	100.0	V	41.0	-7.0
3999.375000	---	29.44	54.00	24.56	500.0	200.0	H	85.0	-6.8
4873.125000	---	40.45	54.00	13.55	500.0	100.0	H	292.0	-5.8
4878.750000	50.18	---	74.00	23.82	500.0	100.0	H	292.0	-5.7
5911.875000	41.61	---	74.00	32.39	500.0	100.0	H	0.0	-4.9
5971.875000	---	29.40	54.00	24.60	500.0	100.0	V	12.0	-4.7
7308.750000	---	43.43	54.00	10.57	500.0	100.0	H	44.0	-3.0
7312.500000	53.51	---	74.00	20.49	500.0	100.0	H	264.0	-3.0
7717.500000	47.87	---	74.00	26.13	500.0	200.0	V	264.0	-2.5
7717.500000	---	42.64	54.00	11.36	500.0	200.0	V	264.0	-2.5
13331.250000	---	33.00	54.00	21.00	500.0	100.0	H	156.0	2.3
13335.000000	44.36	---	74.00	29.64	500.0	100.0	V	7.0	2.3

Radiates Emission from 3GHz to 18GHz

802.11ax HE20 CH11

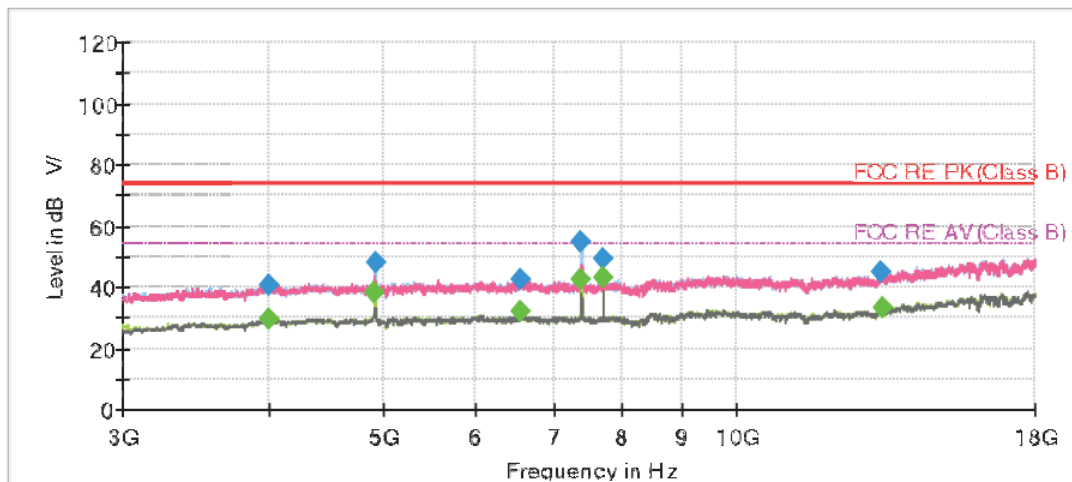


Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1034.500000	38.95	---	74.00	35.05	500.0	100.0	H	203.0	-10.5
1040.000000	---	27.61	54.00	26.39	500.0	200.0	H	132.0	-10.5
1132.000000	40.71	---	74.00	33.29	500.0	100.0	H	116.0	-9.9
1198.000000	---	29.11	54.00	24.89	500.0	100.0	H	177.0	-8.8
1407.500000	---	30.21	54.00	23.79	500.0	100.0	H	0.0	-7.5
1431.250000	41.96	---	74.00	32.04	500.0	200.0	H	280.0	-7.4
1626.250000	---	31.18	54.00	22.82	500.0	100.0	H	130.0	-6.2
1636.250000	42.67	---	74.00	31.33	500.0	100.0	H	138.0	-6.2
2073.500000	---	32.91	54.00	21.09	500.0	200.0	H	140.0	-4.0
2077.250000	45.63	---	74.00	28.37	500.0	100.0	H	29.0	-3.9
2815.250000	48.07	---	74.00	25.93	500.0	100.0	H	0.0	-1.2
2927.500000	---	36.67	54.00	17.33	500.0	100.0	H	295.0	-1.0

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

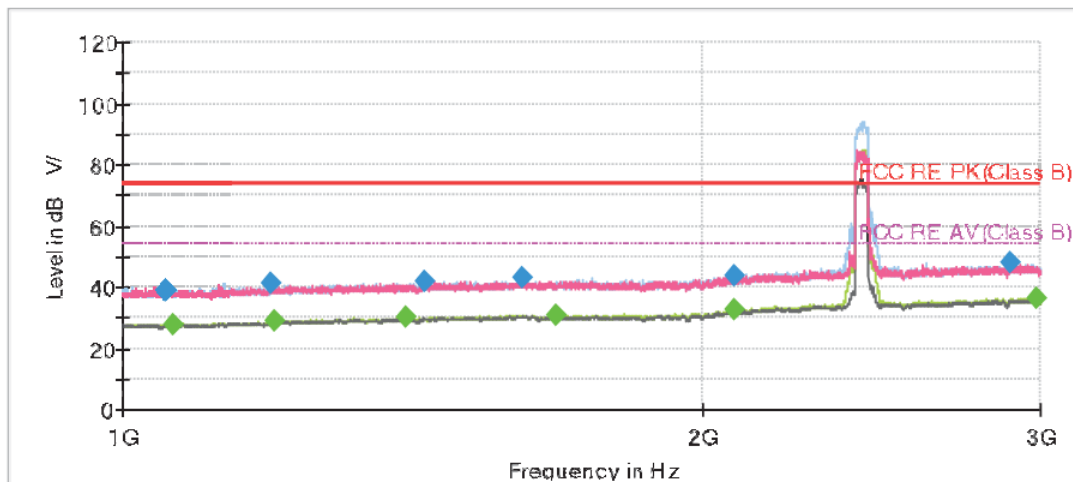


Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3993.750000	40.72	---	74.00	33.28	500.0	200.0	H	251.0	-6.8
4006.875000	---	29.52	54.00	24.48	500.0	100.0	H	339.0	-6.8
4921.875000	---	37.91	54.00	16.09	500.0	100.0	H	73.0	-5.3
4927.500000	47.79	---	74.00	26.21	500.0	100.0	H	289.0	-5.4
6560.625000	42.64	---	74.00	31.36	500.0	200.0	H	83.0	-3.5
6564.375000	---	32.13	54.00	21.87	500.0	100.0	H	52.0	-3.5
7380.000000	54.93	---	74.00	19.07	500.0	100.0	H	255.0	-2.8
7385.625000	---	42.70	54.00	11.30	500.0	100.0	H	265.0	-2.8
7717.500000	---	42.86	54.00	11.14	500.0	200.0	V	261.0	-2.5
7717.500000	49.06	---	74.00	24.94	500.0	200.0	V	261.0	-2.5
13306.875000	44.82	---	74.00	29.18	500.0	200.0	V	302.0	2.3
13340.625000	---	33.19	54.00	20.81	500.0	200.0	H	44.0	2.3

Radiates Emission from 3GHz to 18GHz

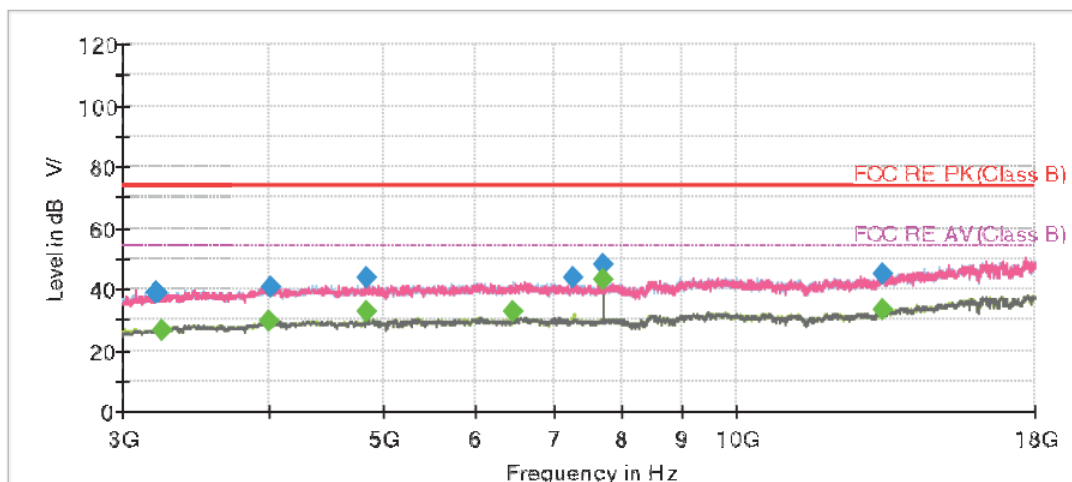
802.11ax HE40 CH3



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)
1054.000000	38.80	---	74.00	35.20	500.0	200.0	V	205.0	-10.5
1063.250000	---	27.68	54.00	26.32	500.0	100.0	H	85.0	-10.4
1195.250000	41.23	---	74.00	32.77	500.0	200.0	V	187.0	-8.9
1200.750000	---	28.97	54.00	25.03	500.0	100.0	H	49.0	-8.8
1403.500000	---	30.15	54.00	23.85	500.0	100.0	H	5.0	-7.6
1435.000000	41.82	---	74.00	32.18	500.0	100.0	H	45.0	-7.4
1612.750000	42.89	---	74.00	31.11	500.0	100.0	H	31.0	-6.3
1682.000000	---	31.05	54.00	22.95	500.0	100.0	H	31.0	-6.0
2078.000000	---	32.52	54.00	21.48	500.0	100.0	H	9.0	-3.9
2078.750000	43.86	---	74.00	30.14	500.0	100.0	H	75.0	-3.9
2894.750000	47.98	---	74.00	26.02	500.0	100.0	H	31.0	-1.1
2984.250000	---	36.46	54.00	17.54	500.0	100.0	H	1.0	-0.7

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

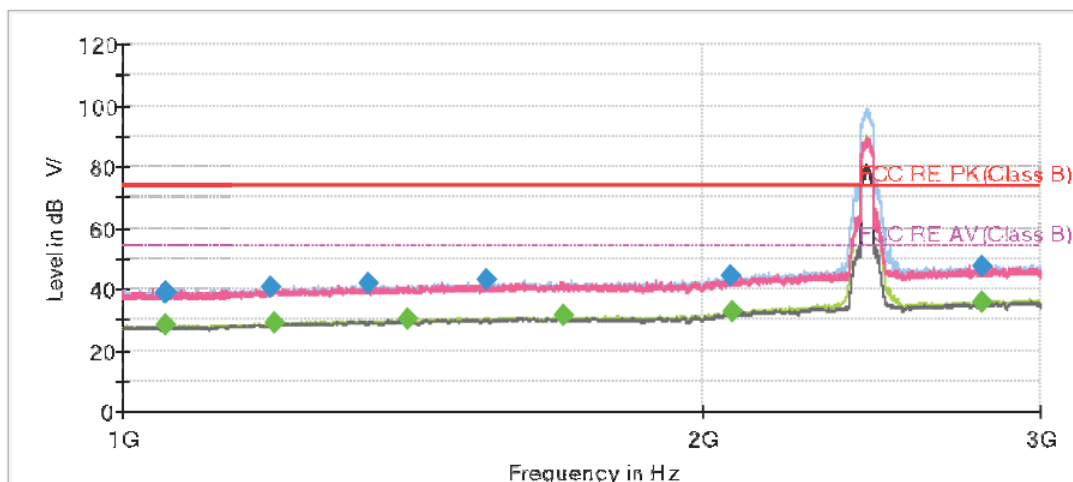


Final_Result

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3210.000000	38.90	---	74.00	35.10	500.0	200.0	V	301.0	-9.9
3238.125000	---	26.41	54.00	27.59	500.0	100.0	H	128.0	-9.8
4006.875000	---	29.54	54.00	24.46	500.0	200.0	H	24.0	-6.8
4008.750000	40.64	---	74.00	33.36	500.0	100.0	H	293.0	-6.8
4845.000000	43.41	---	74.00	30.59	500.0	100.0	H	293.0	-6.0
4846.875000	---	32.92	54.00	21.08	500.0	100.0	H	293.0	-6.0
6457.500000	---	32.41	54.00	21.59	500.0	100.0	H	49.0	-4.0
7267.500000	43.60	---	74.00	30.40	500.0	100.0	H	49.0	-2.9
7717.500000	48.30	---	74.00	25.70	500.0	200.0	V	261.0	-2.5
7717.500000	---	42.94	54.00	11.06	500.0	200.0	V	261.0	-2.5
13329.375000	45.01	---	74.00	28.99	500.0	100.0	H	241.0	2.3
13348.125000	---	33.19	54.00	20.81	500.0	100.0	H	303.0	2.4

Radiates Emission from 3GHz to 18GHz

802.11ax HE40 CH6

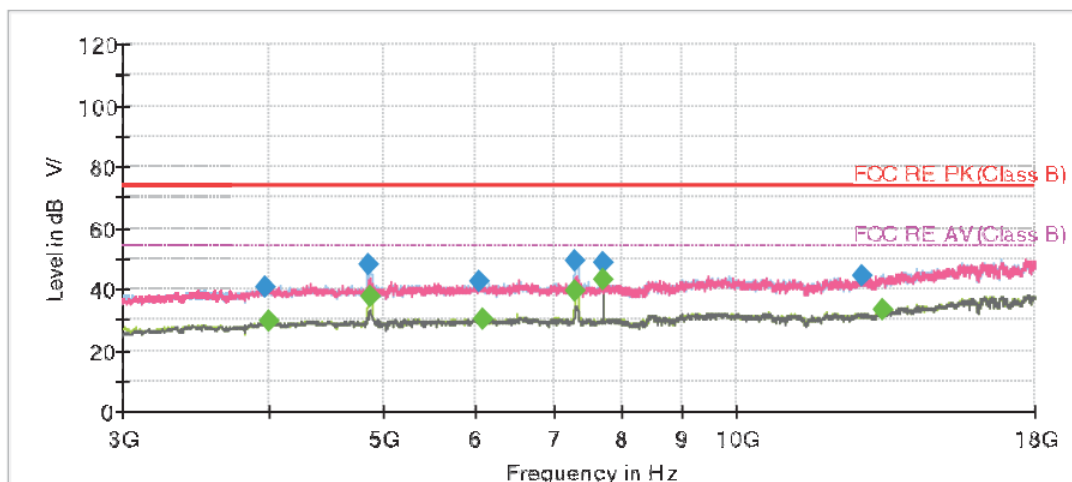


Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1052.750000	---	28.18	54.00	25.82	500.0	100.0	H	11.0	-10.5
1052.750000	38.74	---	74.00	35.26	500.0	100.0	H	11.0	-10.5
1195.000000	40.46	---	74.00	33.54	500.0	100.0	H	208.0	-8.9
1200.250000	---	29.09	54.00	24.91	500.0	100.0	H	230.0	-8.8
1343.000000	41.58	---	74.00	32.42	500.0	100.0	H	66.0	-8.0
1408.000000	---	30.24	54.00	23.76	500.0	200.0	H	292.0	-7.5
1546.250000	43.24	---	74.00	30.76	500.0	100.0	H	225.0	-6.7
1694.500000	---	31.20	54.00	22.80	500.0	200.0	H	340.0	-6.0
2070.000000	44.55	---	74.00	29.45	500.0	100.0	V	219.0	-4.0
2074.750000	---	32.70	54.00	21.30	500.0	200.0	H	227.0	-4.0
2797.000000	47.26	---	74.00	26.74	500.0	100.0	H	27.0	-1.3
2800.000000	---	35.97	54.00	18.03	500.0	200.0	H	318.0	-1.3

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

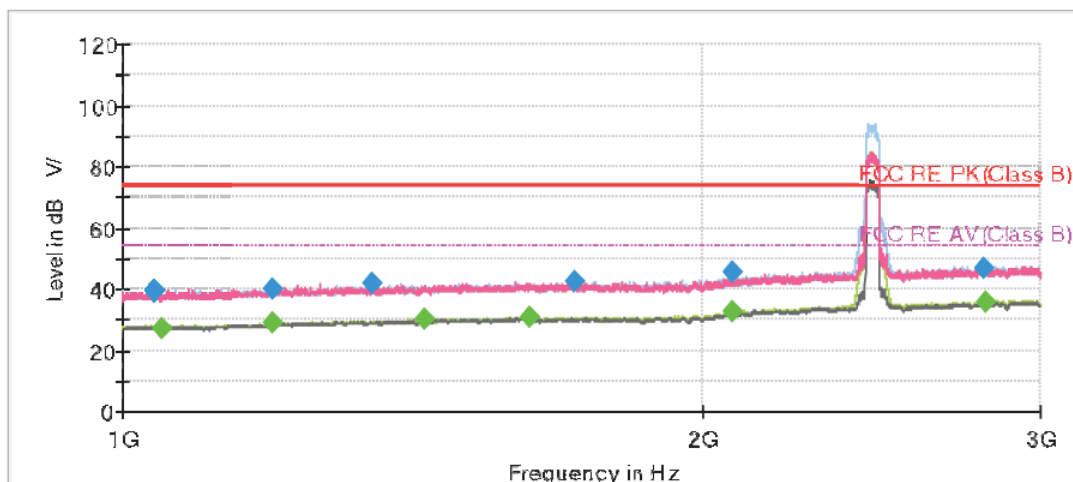


Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3975.000000	40.39	---	74.00	33.61	500.0	100.0	H	120.0	-6.9
4003.125000	---	29.53	54.00	24.47	500.0	200.0	V	339.0	-6.8
4856.250000	47.86	---	74.00	26.14	500.0	100.0	H	60.0	-5.9
4873.125000	---	37.49	54.00	16.51	500.0	100.0	H	293.0	-5.8
6054.375000	42.44	---	74.00	31.56	500.0	100.0	H	356.0	-4.1
6080.625000	---	30.29	54.00	23.71	500.0	100.0	H	245.0	-4.3
7303.125000	49.36	---	74.00	24.64	500.0	100.0	H	50.0	-3.0
7305.000000	---	39.64	54.00	14.36	500.0	100.0	H	50.0	-3.0
7717.500000	48.64	---	74.00	25.36	500.0	200.0	V	261.0	-2.5
7717.500000	---	42.96	54.00	11.04	500.0	200.0	V	261.0	-2.5
12823.125000	44.04	---	74.00	29.96	500.0	200.0	H	56.0	0.9
13338.750000	---	33.15	54.00	20.85	500.0	100.0	H	166.0	2.3

Radiates Emission from 3GHz to 18GHz

802.11ax HE40 CH9

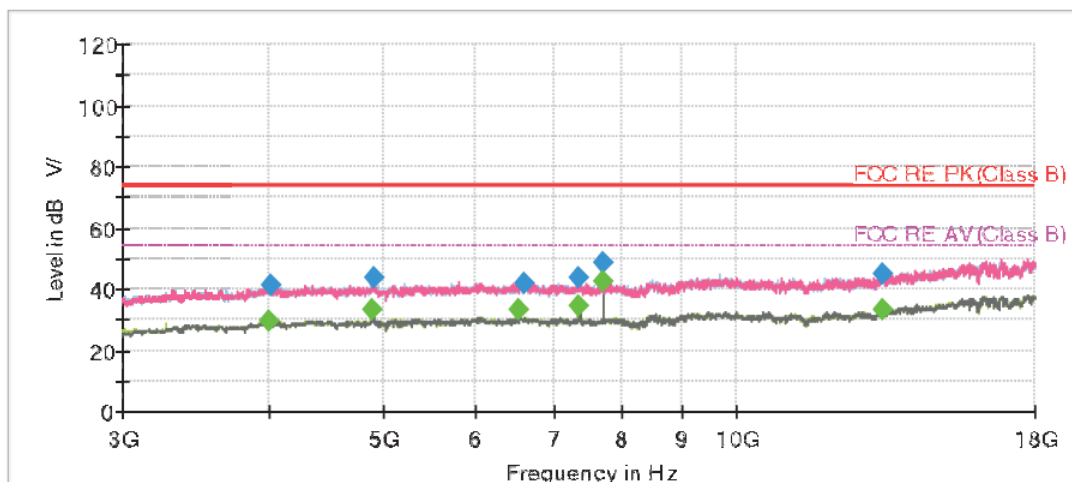


Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1038.500000	39.45	---	74.00	34.55	500.0	100.0	V	297.0	-10.5
1048.500000	---	27.23	54.00	26.77	500.0	100.0	H	0.0	-10.5
1195.750000	40.24	---	74.00	33.76	500.0	100.0	V	344.0	-8.9
1197.500000	---	28.94	54.00	25.06	500.0	200.0	V	130.0	-8.9
1349.500000	41.83	---	74.00	32.17	500.0	100.0	V	278.0	-7.9
1435.750000	---	30.01	54.00	23.99	500.0	100.0	H	6.0	-7.4
1626.750000	---	31.06	54.00	22.94	500.0	100.0	H	57.0	-6.2
1717.250000	42.38	---	74.00	31.62	500.0	200.0	V	108.0	-5.9
2074.750000	45.34	---	74.00	28.66	500.0	100.0	H	26.0	-4.0
2074.750000	---	32.47	54.00	21.53	500.0	100.0	H	26.0	-4.0
2806.000000	46.80	---	74.00	27.20	500.0	100.0	H	22.0	-1.2
2813.750000	---	35.80	54.00	18.20	500.0	100.0	H	26.0	-1.2

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz



Final_Result

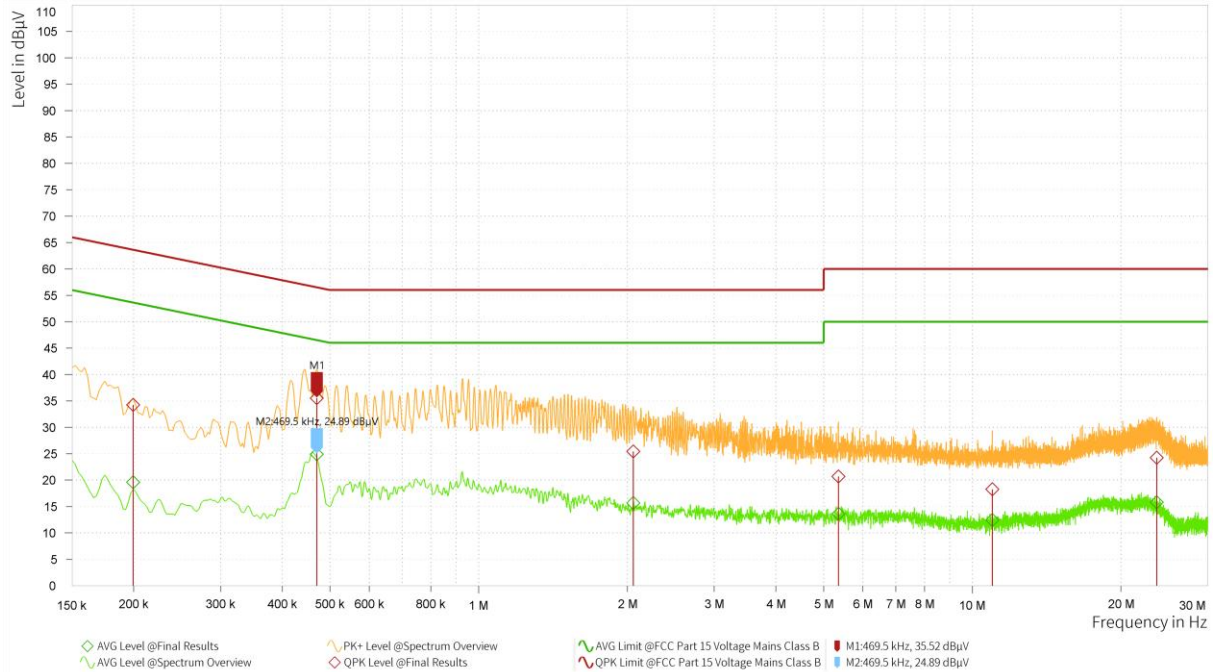
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4003.125000	---	29.59	54.00	24.41	500.0	100.0	V	98.0	-6.8
4010.625000	40.95	---	74.00	33.05	500.0	100.0	H	172.0	-6.8
4906.875000	---	33.23	54.00	20.77	500.0	100.0	H	292.0	-5.4
4920.000000	43.83	---	74.00	30.17	500.0	100.0	H	292.0	-5.3
6538.125000	---	33.38	54.00	20.62	500.0	100.0	H	316.0	-3.6
6592.500000	41.76	---	74.00	32.24	500.0	100.0	V	191.0	-3.4
7338.750000	43.46	---	74.00	30.54	500.0	100.0	H	267.0	-3.0
7355.625000	---	34.57	54.00	19.43	500.0	100.0	H	260.0	-3.0
7717.500000	48.88	---	74.00	25.12	500.0	200.0	V	261.0	-2.5
7717.500000	---	42.73	54.00	11.27	500.0	200.0	V	261.0	-2.5
13335.000000	---	33.27	54.00	20.73	500.0	100.0	H	246.0	2.3
13346.250000	44.73	---	74.00	29.27	500.0	100.0	V	117.0	2.4

Radiates Emission from 3GHz to 18GHz

2. Conducted Emission

2.1. Wi-Fi 2.4GHz

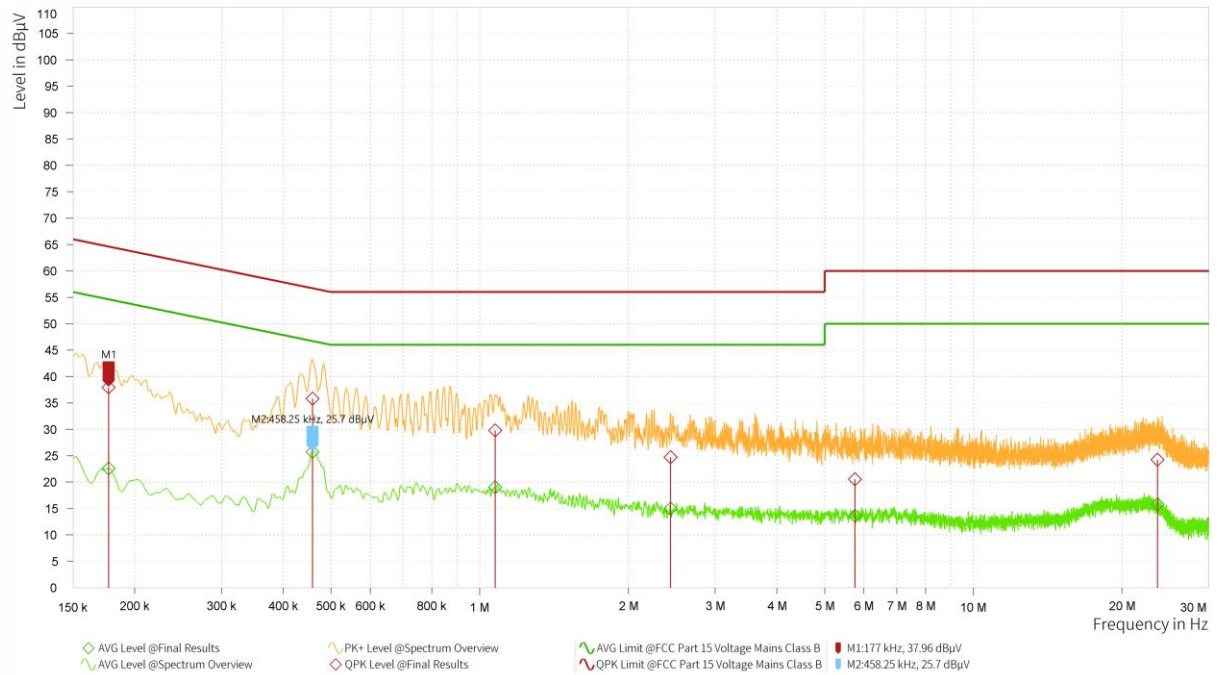
During the test, the Conducted Emission was performed in all modes with all channel. The test data of the worst-case (802.11b CH11) condition was recorded in this report.



Frequency [MHz]	QPK Level [dBμV]	QPK Limit [dBμV]	QPK Margin [dB]	AVG Level [dBμV]	AVG Limit [dBμV]	AVG Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]	Meas. Time [s]
0.200	34.24	63.63	29.39	19.57	53.63	34.06	21.01	L1	9.000	1.000
0.470	35.52	56.52	21.00	24.89	46.52	21.63	20.81	L1	9.000	1.000
2.056	25.43	56.00	30.57	15.68	46.00	30.32	19.63	L1	9.000	1.000
5.354	20.69	60.00	39.31	13.60	50.00	36.40	19.40	L1	9.000	1.000
10.982	18.25	60.00	41.75	12.45	50.00	37.55	19.41	L1	9.000	1.000
23.638	24.25	60.00	35.75	15.78	50.00	34.22	19.77	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 Limit [dBµV]	AVG Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]	Meas. Time [s]
0.177	37.96	64.63	26.66	22.56	54.63	32.06	21.04	N	9.000	1.000
0.458	35.80	56.72	20.93	25.70	46.72	21.03	20.83	N	9.000	1.000
1.075	29.81	56.00	26.19	19.03	46.00	26.97	20.11	N	9.000	1.000
2.436	24.70	56.00	31.30	14.97	46.00	31.03	19.57	N	9.000	1.000
5.759	20.54	60.00	39.46	13.60	50.00	36.40	19.41	N	9.000	1.000
23.609	24.25	60.00	35.75	15.78	50.00	34.22	19.83	N	9.000	1.000

Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 kHz to 30 MHz