

ANNEX A: Test Result

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) and the loop antenna is vertical, the others are vertical and horizontal. and the worst case was recorded.

1. Unwanted Emission

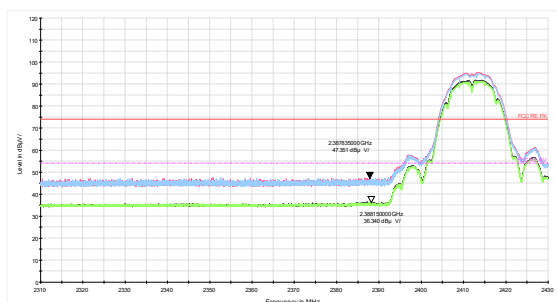
1.1. Wi-Fi 2.4GHz

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.

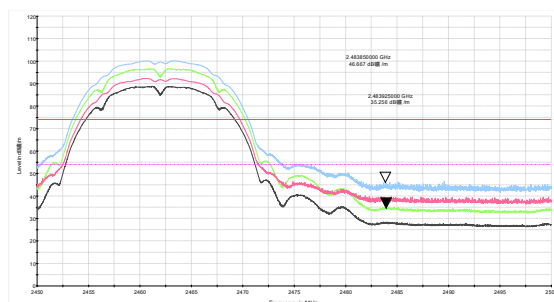
A symbol ($\text{dB}\mu\text{V/m}$) in the test plot below means ($\text{dB}\mu\text{V/m}$)

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

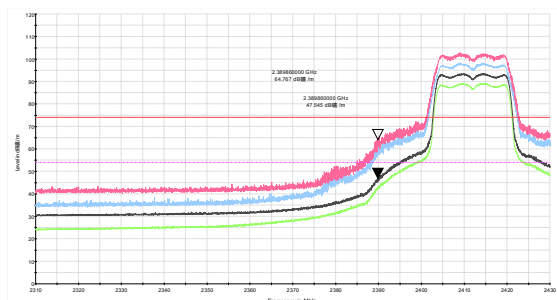
The signal beyond the limit is carrier.



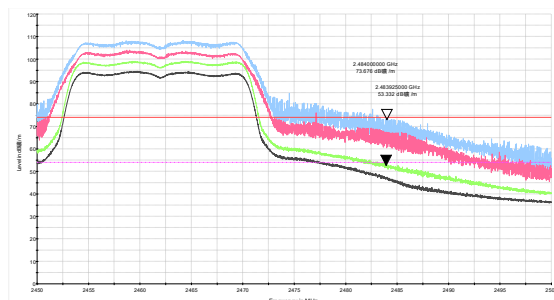
802.11b-Channel 1 Peak+ Average



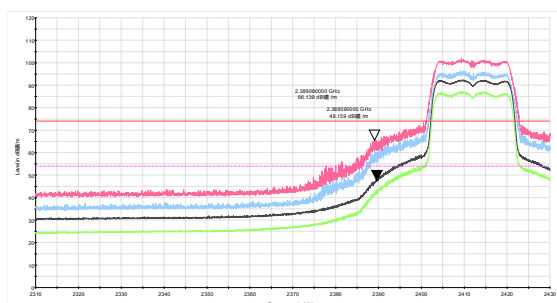
802.11b-Channel 11 Peak+ Average



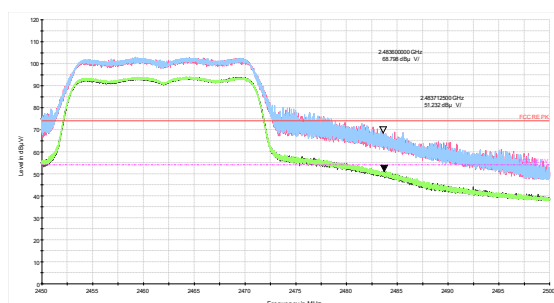
802.11g-Channel 1 Peak+ Average



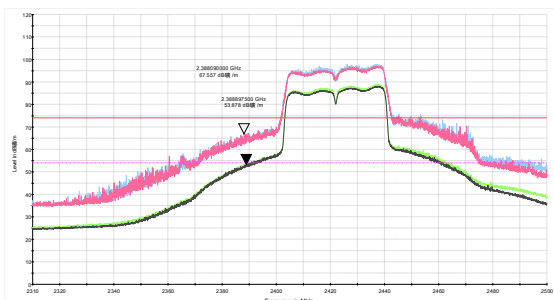
802.11g-Channel 11 Peak+ Average



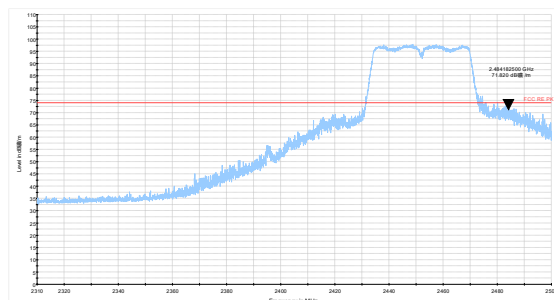
802.11n HT20-Channel 1 Peak+ Average



802.11n HT20-Channel 11 Peak+ Average

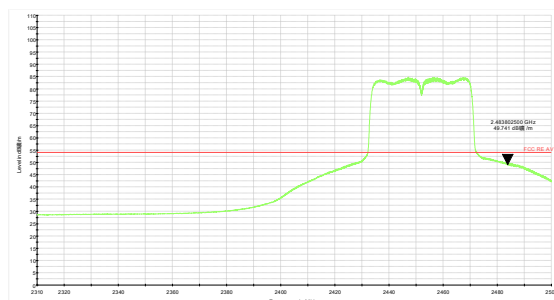


802.11n HT40-Channel 3 Peak+ Average

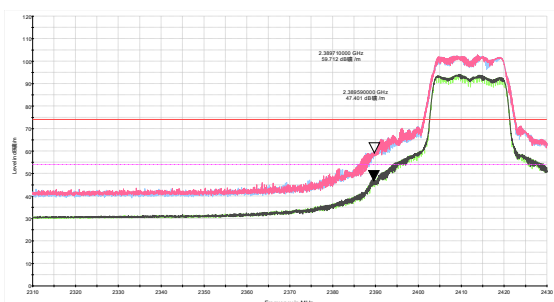


802.11n HT40-Channel 9 Peak

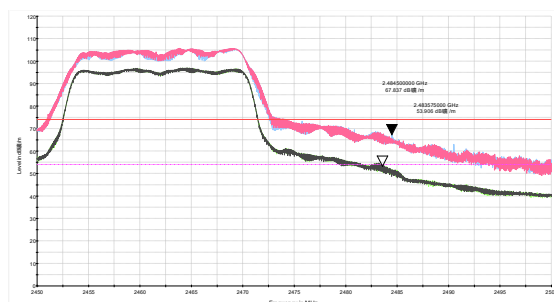
/



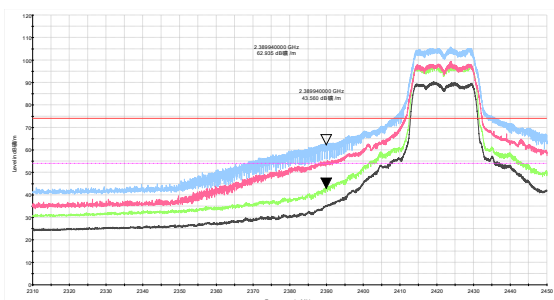
802.11n HT40-Channel 9 Average



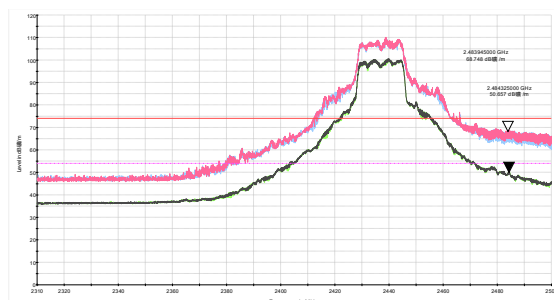
802.11ax HE20-Channel 1 Peak+ Average



802.11ax HE20-Channel 11 Peak+ Average



802.11ax HE40-Channel 3 Peak+ Average



802.11ax HE40-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 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 ($\text{dB}\mu\text{V}/\text{m}$) in the test plot below means ($\text{dB}\mu\text{V}/\text{m}$)**
4. **The following graphs display the maximum values of horizontal and vertical by software.**
5. **For below 1GHz**

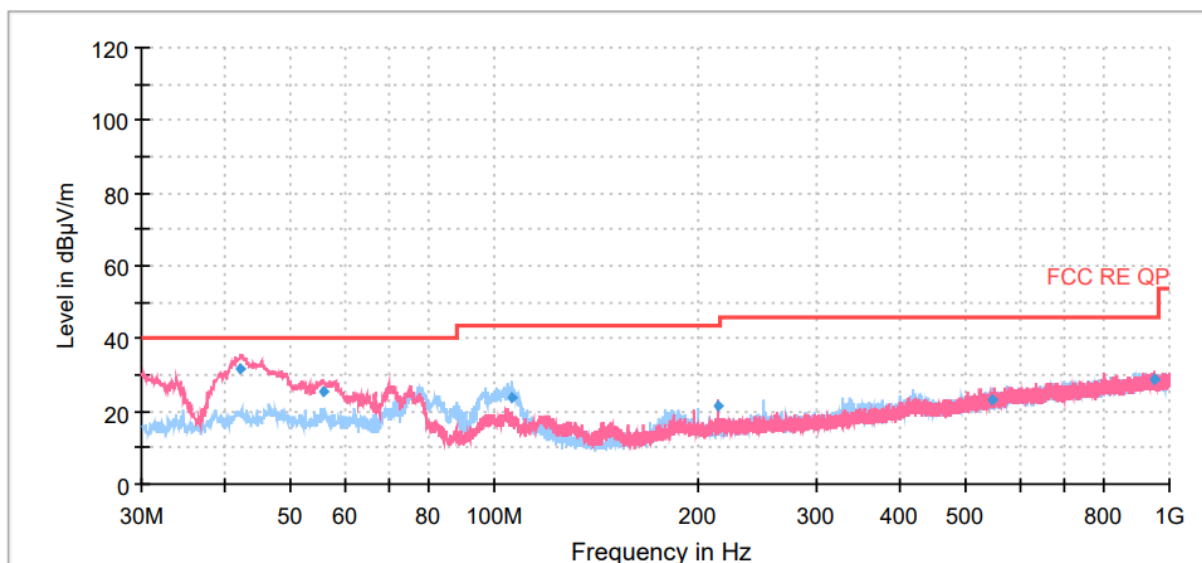
 QP Level @Spectrum Overview H
  QP Level @Spectrum Overview V
  QP Level @Final Results
  QP Limit

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 condition was recorded in this report.



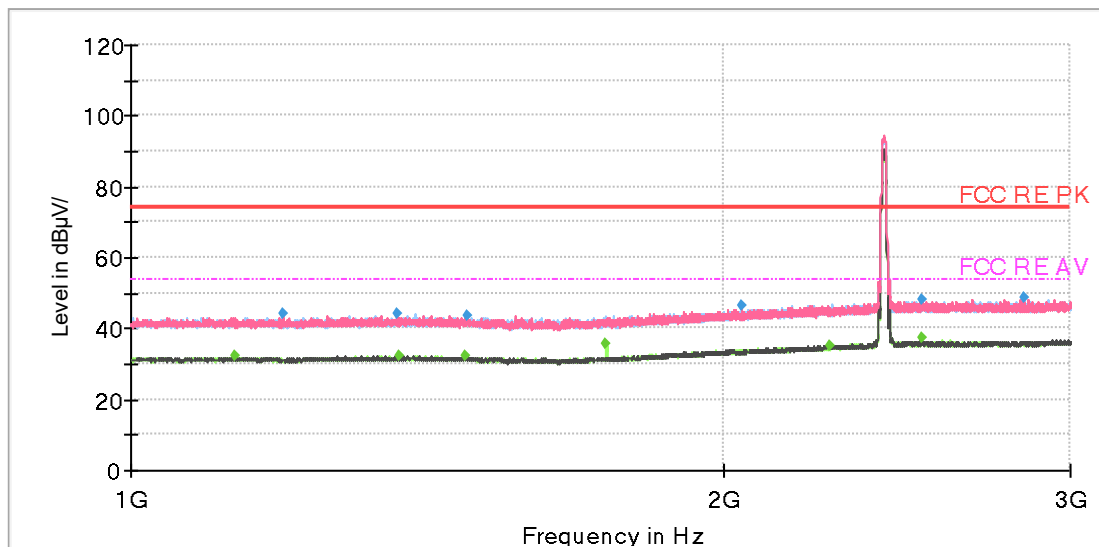
Radiates Emission from 30MHz to 1GHz

Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
42.08	31.91	40.00	8.09	1000.00	100.0	V	252.00	19
55.85	25.38	40.00	14.62	1000.00	101.0	V	0.00	20
106.10	23.75	43.50	19.75	1000.00	225.0	H	204.00	18
214.49	21.51	43.50	21.99	1000.00	198.0	V	1.00	18
544.78	23.40	46.00	22.60	1000.00	124.0	H	340.00	26
950.19	29.03	46.00	16.97	1000.00	225.0	V	26.00	31

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

802.11b CH1

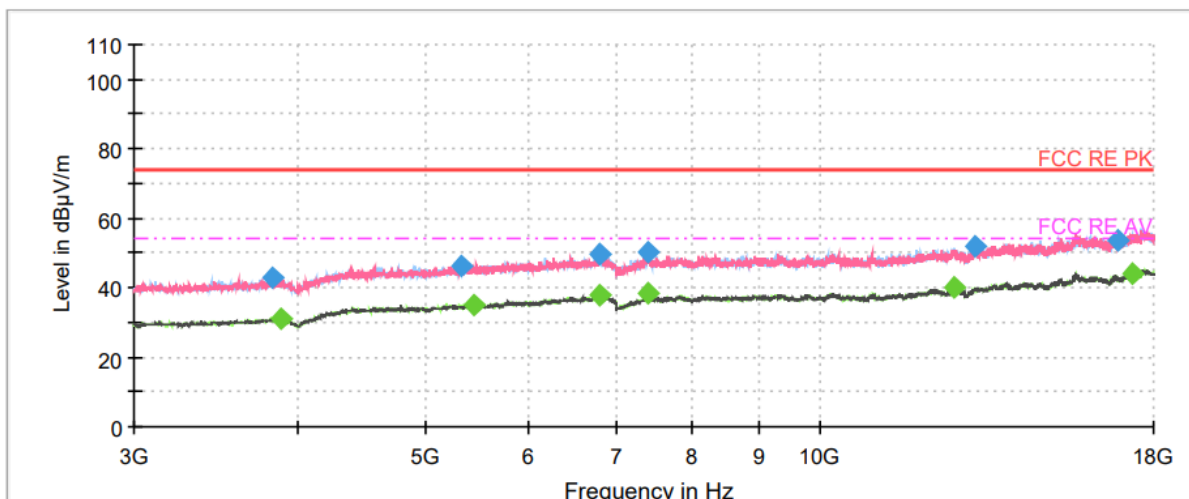


Note: The signal beyond the limit is carrier.

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)
1129.00	---	32.12	54.00	21.88	500.00	200.0	V	207.00	-5
1194.00	43.89	---	74.00	30.11	500.00	200.0	V	0.00	-5
1364.00	43.95	---	74.00	30.05	500.00	200.0	V	195.00	-4
1368.50	---	32.39	54.00	21.61	500.00	100.0	H	358.00	-4
1477.25	---	32.25	54.00	21.75	500.00	200.0	H	2.00	-4
1482.25	43.67	---	74.00	30.33	500.00	100.0	H	344.00	-4
1744.25	---	35.90	54.00	18.10	500.00	200.0	H	281.00	-4
2042.50	46.58	---	74.00	27.42	500.00	100.0	H	155.00	-3
2264.75	---	34.88	54.00	19.12	500.00	200.0	H	61.00	-2
2523.50	---	37.34	54.00	16.66	500.00	200.0	H	73.00	-1
2524.50	47.85	---	74.00	26.15	500.00	100.0	V	2.00	-1
2840.00	48.60	---	74.00	25.40	500.00	200.0	H	256.00	0

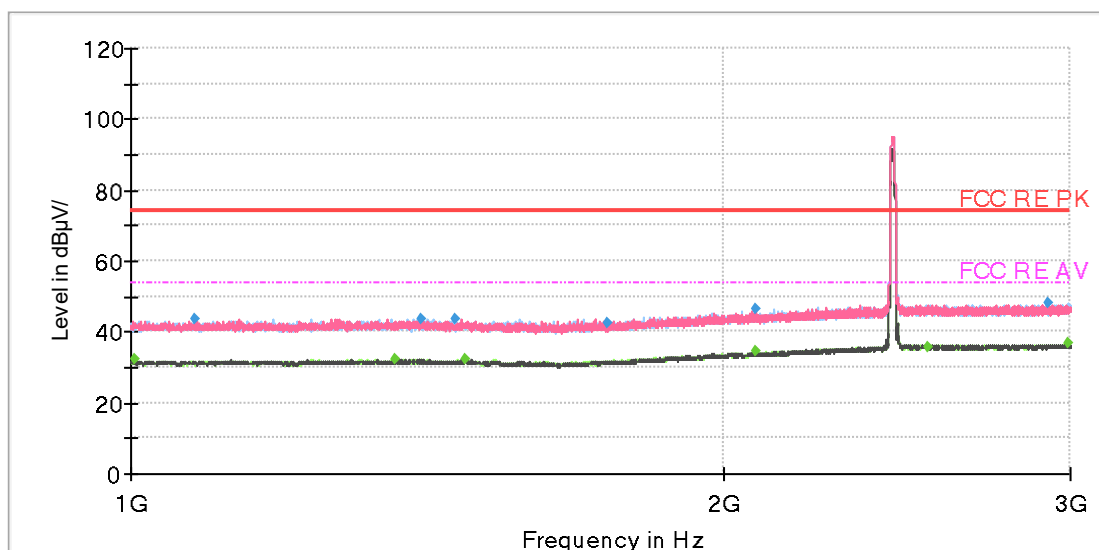


Radiates Emission from 3GHz to 18GHz

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)
3825.000000	42.83	---	74.00	31.17	500.0	200.0	H	157.0	-5
3877.500000	---	31.21	54.00	22.79	500.0	200.0	H	0.0	-5
5323.125000	46.48	---	74.00	27.52	500.0	200.0	V	224.0	-1
5443.125000	---	35.19	54.00	18.81	500.0	200.0	H	0.0	0
6791.250000	49.79	---	74.00	24.21	500.0	200.0	H	333.0	1
6798.750000	---	37.58	54.00	16.42	500.0	100.0	V	257.0	1
7389.375000	50.11	---	74.00	23.89	500.0	200.0	H	286.0	2
7393.125000	---	38.26	54.00	15.74	500.0	200.0	V	4.0	2
12688.125000	---	39.99	54.00	14.01	500.0	200.0	V	125.0	5
13160.625000	51.91	---	74.00	22.09	500.0	200.0	V	0.0	5
16901.250000	53.35	---	74.00	20.65	500.0	200.0	H	188.0	8
17336.250000	---	44.09	54.00	9.91	500.0	200.0	H	333.0	9

802.11b CH6

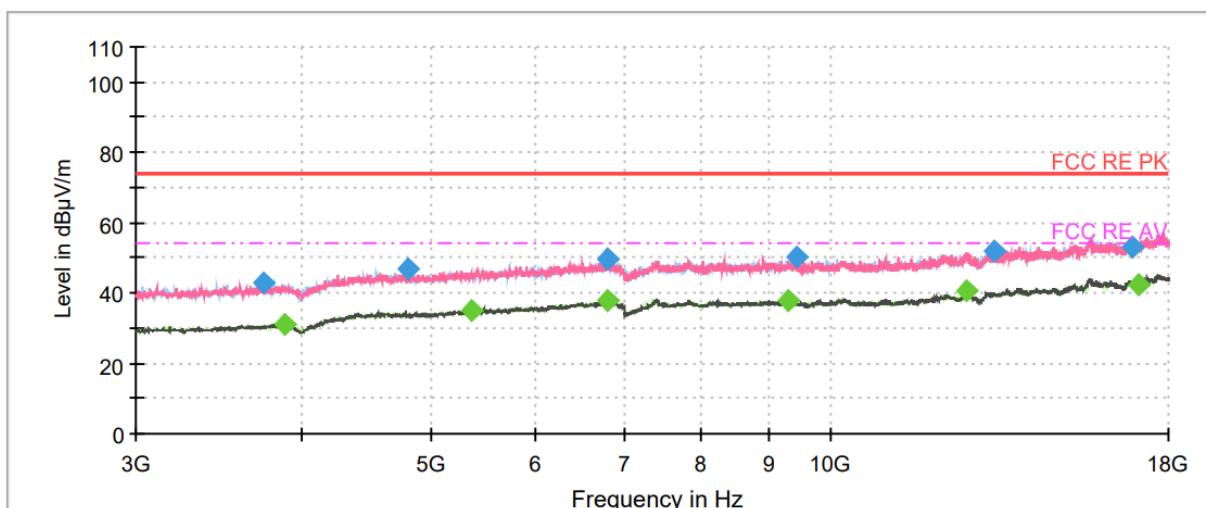


Note: The signal beyond the limit is carrier.

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)
1004.00	---	32.03	54.00	21.97	500.00	100.0	V	180.00	-5
1079.00	43.58	---	74.00	30.42	500.00	200.0	V	266.00	-5
1361.25	---	32.26	54.00	21.74	500.00	100.0	V	119.00	-4
1404.75	43.65	---	74.00	30.35	500.00	100.0	H	312.00	-4
1462.75	43.80	---	74.00	30.20	500.00	200.0	H	145.00	-4
1479.75	---	32.20	54.00	21.80	500.00	200.0	V	58.00	-4
1745.50	42.55	---	74.00	31.45	500.00	100.0	H	358.00	-4
2074.75	46.41	---	74.00	27.59	500.00	100.0	V	252.00	-3
2078.75	---	34.41	54.00	19.59	500.00	100.0	V	3.00	-3
2541.25	---	35.80	54.00	18.20	500.00	200.0	H	218.00	-1
2925.00	48.20	---	74.00	25.80	500.00	200.0	V	316.00	0
2996.00	---	36.74	54.00	17.26	500.00	100.0	H	265.00	0

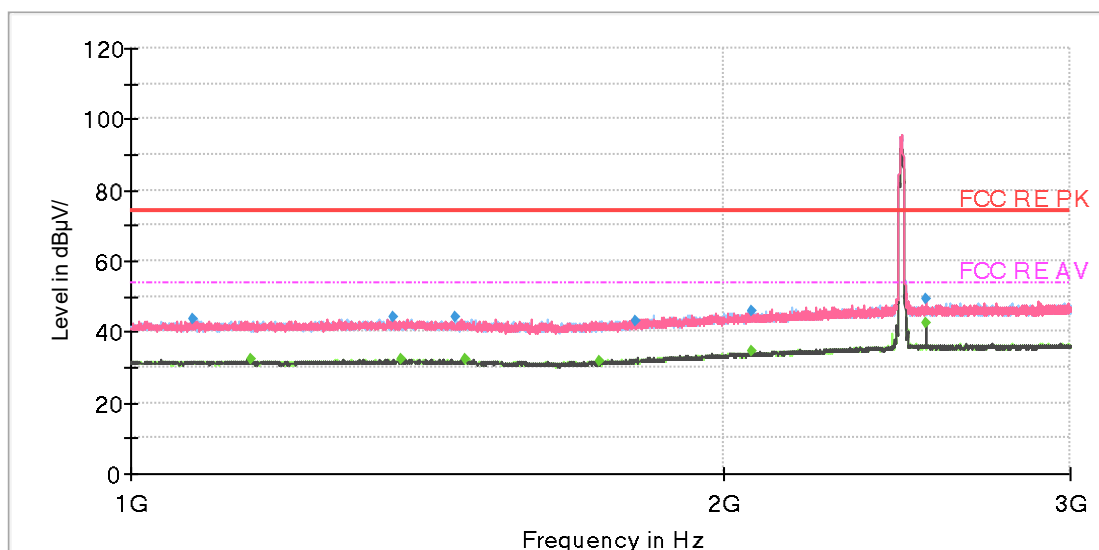


Radiates Emission from 3GHz to 18GHz

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)
3746.250000	42.76	---	74.00	31.24	500.0	100.0	V	242.0	-6
3881.250000	---	31.14	54.00	22.86	500.0	100.0	H	29.0	-5
4809.375000	46.77	---	74.00	27.23	500.0	100.0	V	234.0	-2
5381.250000	---	35.16	54.00	18.84	500.0	100.0	H	112.0	-1
6791.250000	49.74	---	74.00	24.26	500.0	200.0	H	342.0	1
6808.125000	---	37.64	54.00	16.36	500.0	200.0	H	311.0	1
9311.250000	---	37.98	54.00	16.02	500.0	200.0	V	310.0	3
9444.375000	50.16	---	74.00	23.84	500.0	100.0	V	188.0	3
12691.875000	---	40.40	54.00	13.60	500.0	100.0	H	173.0	5
13293.750000	51.87	---	74.00	22.13	500.0	100.0	H	188.0	5
16933.125000	53.09	---	74.00	20.91	500.0	200.0	V	119.0	8
17092.500000	---	42.32	54.00	11.68	500.0	100.0	H	59.0	9

802.11b CH11

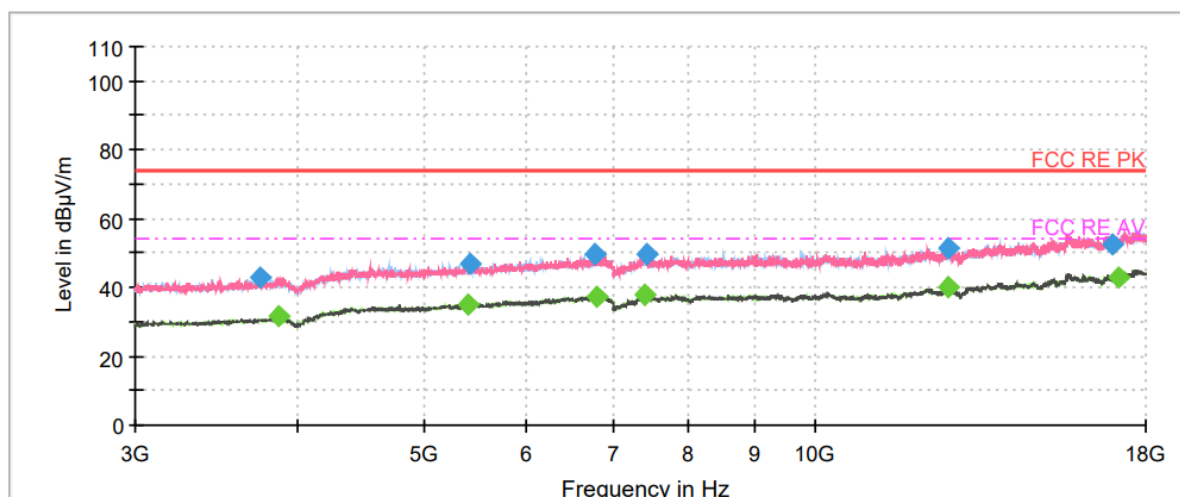


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Final Result

Frequency (MHz)	MaxPeak (dBμ V/m)	Average (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1075.75	43.48	---	74.00	30.52	500.00	200.0	V	0.00	-5
1151.75	---	32.17	54.00	21.83	500.00	100.0	H	0.00	-5
1359.75	44.30	---	74.00	29.70	500.00	200.0	V	193.00	-4
1371.25	---	32.44	54.00	21.56	500.00	200.0	H	117.00	-4
1461.50	43.88	---	74.00	30.12	500.00	200.0	H	105.00	-4
1477.25	---	32.29	54.00	21.71	500.00	100.0	H	308.00	-4
1728.75	---	31.72	54.00	22.28	500.00	100.0	V	2.00	-4
1805.00	43.03	---	74.00	30.97	500.00	100.0	H	261.00	-4
2066.75	---	34.37	54.00	19.63	500.00	200.0	H	0.00	-3
2069.50	45.64	---	74.00	28.36	500.00	200.0	V	301.00	-3
2533.25	---	42.68	54.00	11.32	500.00	100.0	V	266.00	-1
2533.25	49.52	---	74.00	24.48	500.00	100.0	V	266.00	-1

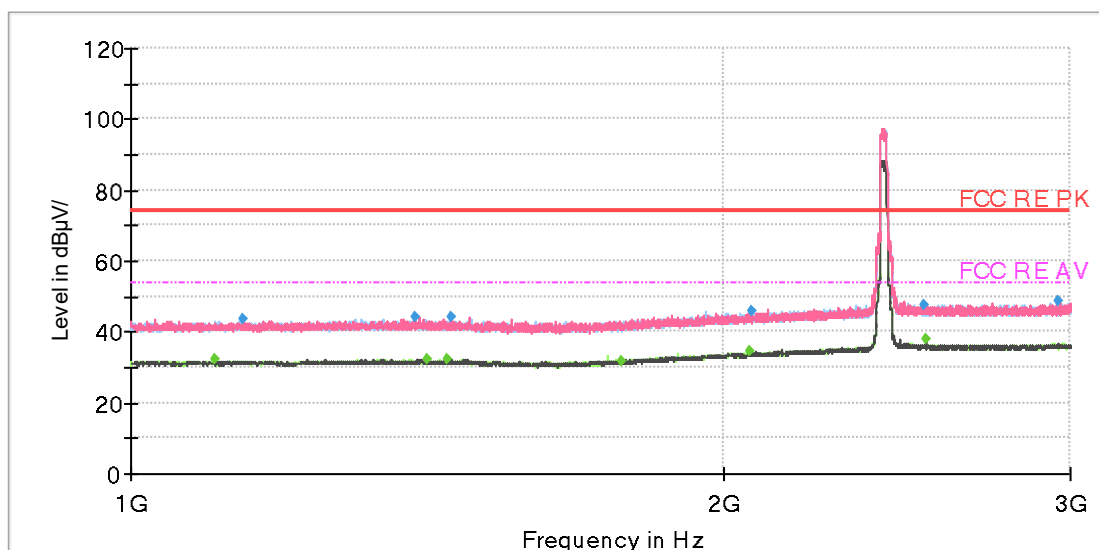


Radiates Emission from 3GHz to 18GHz

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)
3740.625000	42.78	---	74.00	31.22	500.0	200.0	V	157.0	-6
3871.875000	---	31.33	54.00	22.67	500.0	200.0	H	233.0	-5
5403.750000	---	35.11	54.00	18.89	500.0	100.0	V	155.0	0
5441.250000	46.76	---	74.00	27.24	500.0	200.0	H	301.0	0
6783.750000	49.42	---	74.00	24.58	500.0	200.0	H	256.0	1
6796.875000	---	37.40	54.00	16.60	500.0	100.0	V	179.0	1
7398.750000	---	37.89	54.00	16.11	500.0	200.0	H	233.0	2
7423.125000	49.69	---	74.00	24.31	500.0	200.0	V	233.0	2
12693.750000	51.55	---	74.00	22.45	500.0	200.0	V	111.0	5
12701.250000	---	40.20	54.00	13.80	500.0	200.0	H	103.0	5
16983.750000	52.41	---	74.00	21.59	500.0	100.0	H	203.0	8
17131.875000	---	42.95	54.00	11.06	500.0	100.0	H	12.0	9

802.11g CH1

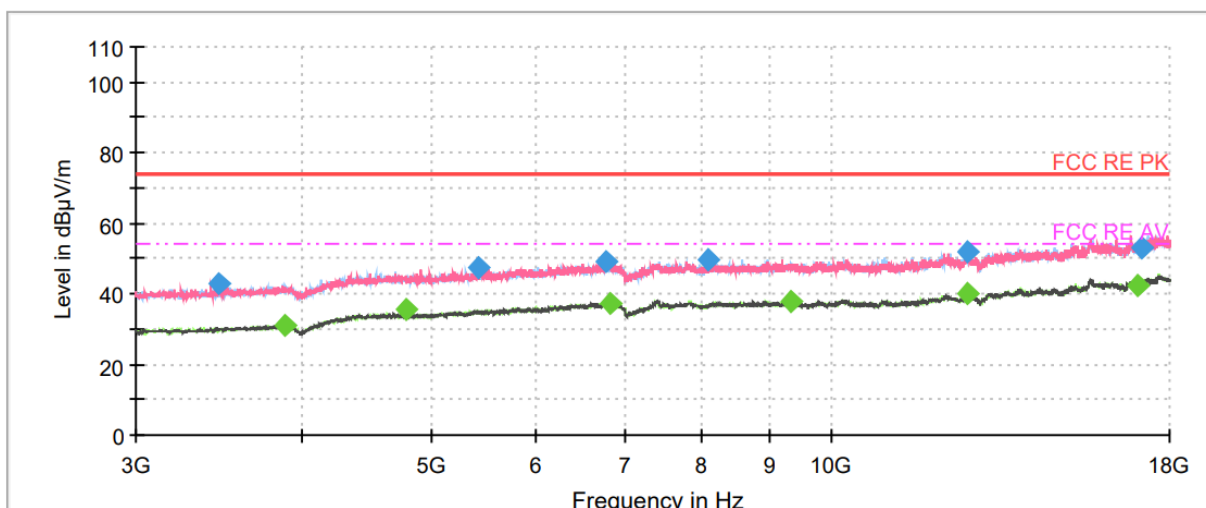


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Final Result

Frequency (MHz)	MaxPeak (dBμ V/m)	Average (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1103.75	---	32.08	54.00	21.92	500.00	200.0	H	58.00	-5
1141.50	43.41	---	74.00	30.59	500.00	100.0	V	279.00	-5
1393.50	44.26	---	74.00	29.74	500.00	200.0	H	0.00	-4
1414.25	---	32.41	54.00	21.59	500.00	100.0	H	13.00	-4
1449.25	---	32.23	54.00	21.77	500.00	200.0	H	0.00	-4
1453.00	44.36	---	74.00	29.64	500.00	100.0	V	244.00	-4
1773.50	---	31.90	54.00	22.10	500.00	200.0	H	9.00	-4
2061.00	---	34.36	54.00	19.64	500.00	200.0	V	358.00	-3
2066.00	45.83	---	74.00	28.17	500.00	100.0	H	34.00	-3
2526.00	47.75	---	74.00	26.25	500.00	100.0	H	179.00	-1
2534.75	---	37.71	54.00	16.29	500.00	100.0	V	328.00	-1
2955.50	48.65	---	74.00	25.35	500.00	200.0	H	193.00	0

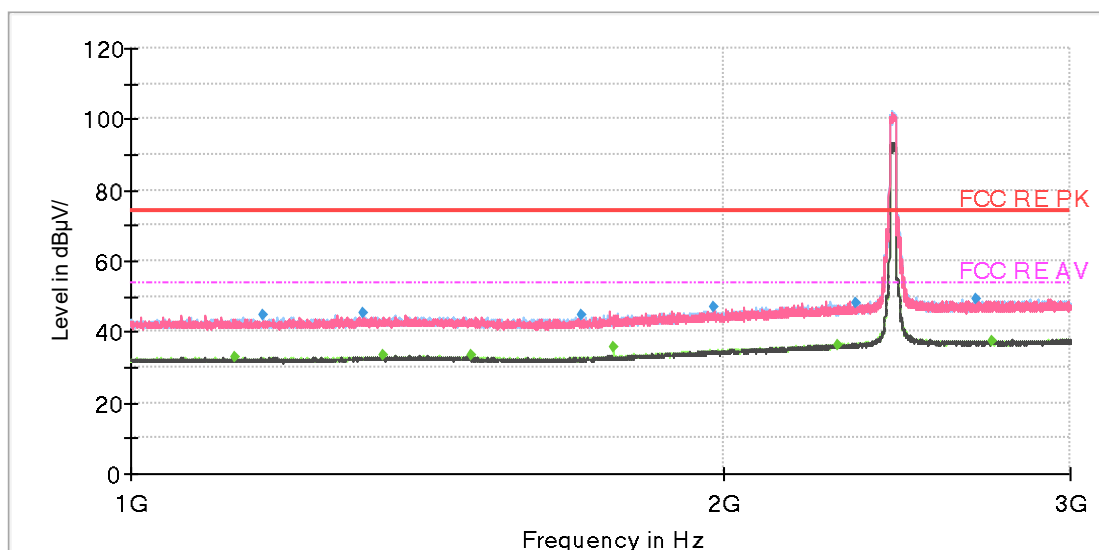


Radiates Emission from 3GHz to 18GHz

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)
3468.750000	42.92	---	74.00	31.08	500.0	200.0	V	111.0	-6
3881.250000	---	31.27	54.00	22.73	500.0	100.0	H	357.0	-5
4796.250000	---	35.32	54.00	18.68	500.0	200.0	V	119.0	-2
5439.375000	47.15	---	74.00	26.85	500.0	200.0	H	258.0	0
6781.875000	48.93	---	74.00	25.07	500.0	100.0	V	232.0	1
6825.000000	---	37.49	54.00	16.51	500.0	100.0	V	73.0	1
8077.500000	49.66	---	74.00	24.34	500.0	100.0	H	210.0	2
9352.500000	---	38.00	54.00	16.00	500.0	100.0	V	359.0	3
12682.500000	51.84	---	74.00	22.16	500.0	100.0	V	346.0	5
12686.250000	---	40.13	54.00	13.87	500.0	100.0	V	300.0	5
17019.375000	---	42.03	54.00	11.97	500.0	200.0	H	121.0	8
17139.375000	53.05	---	74.00	20.95	500.0	200.0	H	113.0	9

802.11g CH6

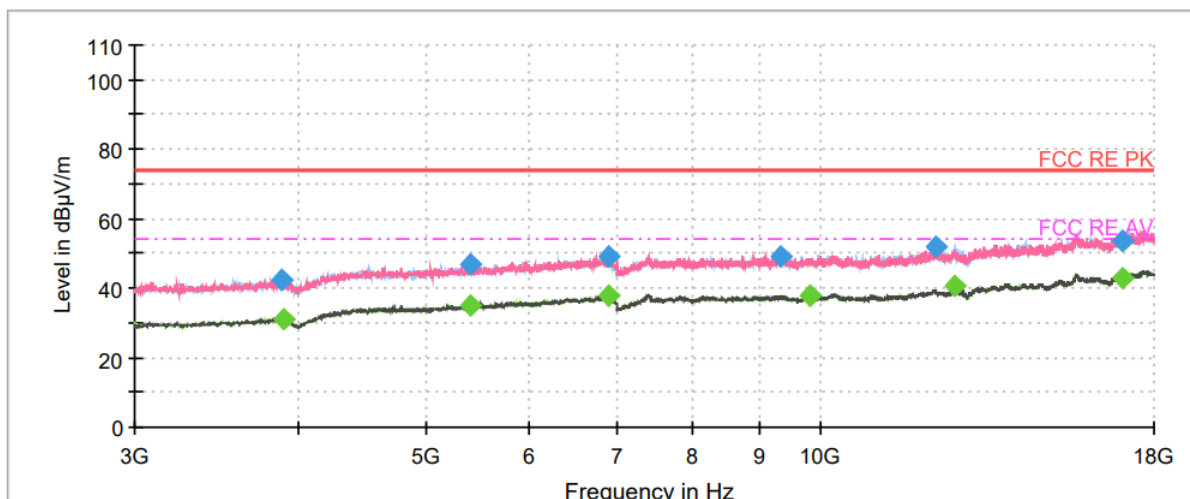


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Final Result

Frequency (MHz)	MaxPeak (dBμ V/m)	Average (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1130.50	---	32.96	54.00	21.04	500.00	200.0	V	67.00	-5
1168.00	44.65	---	74.00	29.35	500.00	200.0	H	279.00	-5
1311.25	45.27	---	74.00	28.73	500.00	200.0	H	354.00	-5
1344.75	---	33.38	54.00	20.62	500.00	200.0	H	303.00	-4
1487.75	---	33.22	54.00	20.78	500.00	100.0	H	149.00	-4
1692.25	44.59	---	74.00	29.41	500.00	100.0	H	66.00	-4
1759.50	---	35.39	54.00	18.61	500.00	100.0	H	0.00	-4
1979.25	47.19	---	74.00	26.81	500.00	200.0	V	309.00	-3
2288.50	---	36.39	54.00	17.61	500.00	200.0	H	339.00	-2
2334.25	48.37	---	74.00	25.63	500.00	200.0	H	303.00	-1
2687.75	49.13	---	74.00	24.87	500.00	200.0	V	186.00	-1
2736.75	---	37.15	54.00	16.85	500.00	100.0	H	55.00	0

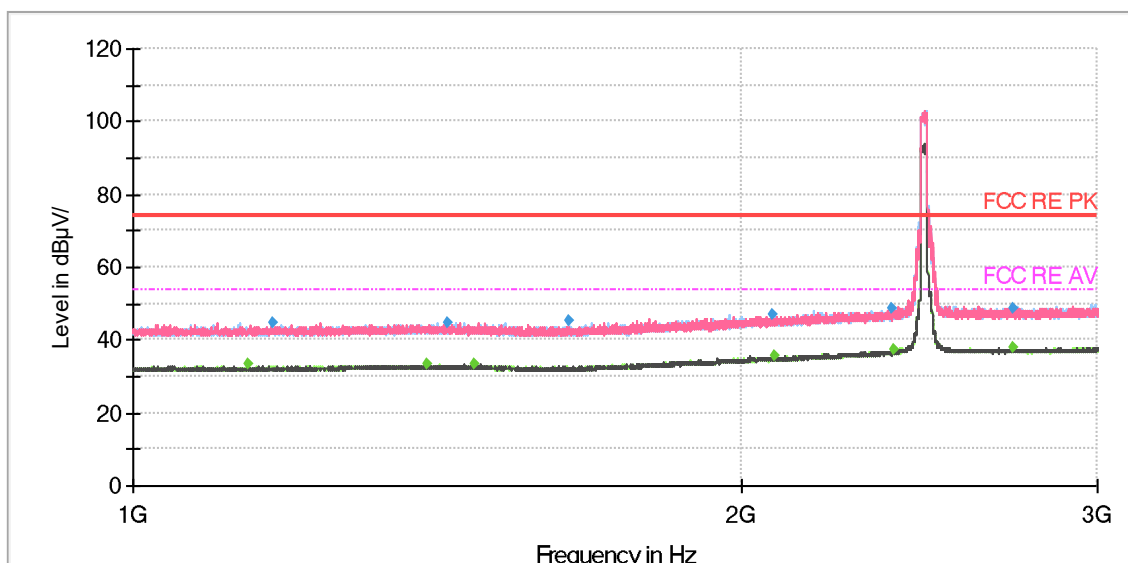


Radiates Emission from 3GHz to 18GHz

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	42.33	---	74.00	31.67	500.0	100.0	H	82.0	-5
3892.500000	---	31.24	54.00	22.76	500.0	200.0	V	14.0	-5
5407.500000	---	35.12	54.00	18.88	500.0	100.0	V	128.0	0
5420.625000	46.74	---	74.00	27.26	500.0	100.0	H	196.0	0
6896.250000	---	37.61	54.00	16.39	500.0	100.0	V	317.0	1
6903.750000	49.27	---	74.00	24.73	500.0	200.0	V	21.0	1
9345.000000	49.24	---	74.00	24.76	500.0	200.0	H	250.0	3
9840.000000	---	37.92	54.00	16.08	500.0	200.0	H	310.0	3
12251.250000	52.12	---	74.00	21.88	500.0	200.0	H	134.0	5
12695.625000	---	40.40	54.00	13.60	500.0	200.0	H	174.0	5
17026.875000	---	42.67	54.00	11.33	500.0	200.0	V	97.0	8
17043.750000	53.57	---	74.00	20.43	500.0	100.0	V	196.0	8

802.11g CH11

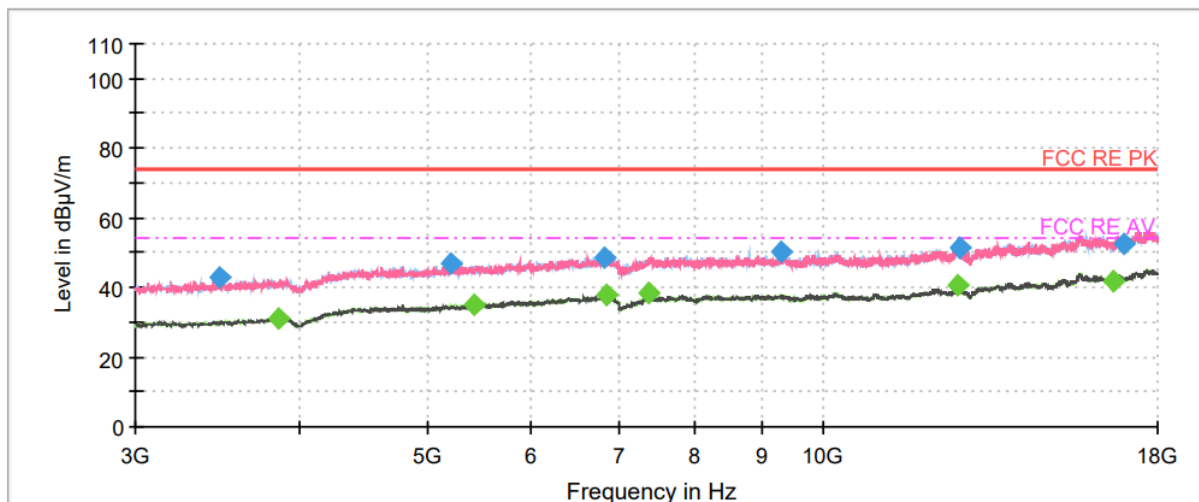


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Final Result

Frequency (MHz)	MaxPeak (dBμ V/m)	Average (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1140.50	---	33.25	54.00	20.75	500.00	200.0	V	113.00	-5
1171.50	44.65	---	74.00	29.35	500.00	100.0	H	163.00	-5
1397.75	---	33.24	54.00	20.76	500.00	200.0	V	271.00	-4
1432.00	44.84	---	74.00	29.16	500.00	100.0	V	223.00	-4
1473.75	---	33.51	54.00	20.49	500.00	100.0	H	0.00	-4
1643.25	45.13	---	74.00	28.87	500.00	100.0	H	0.00	-4
2073.75	46.90	---	74.00	27.10	500.00	100.0	H	187.00	-3
2078.75	---	35.44	54.00	18.56	500.00	100.0	V	341.00	-3
2373.25	48.96	---	74.00	25.04	500.00	100.0	H	6.00	-1
2378.25	---	37.16	54.00	16.84	500.00	100.0	H	0.00	-1
2726.25	---	38.07	54.00	15.93	500.00	100.0	V	357.00	0
2727.25	48.63	---	74.00	25.37	500.00	200.0	V	0.00	0

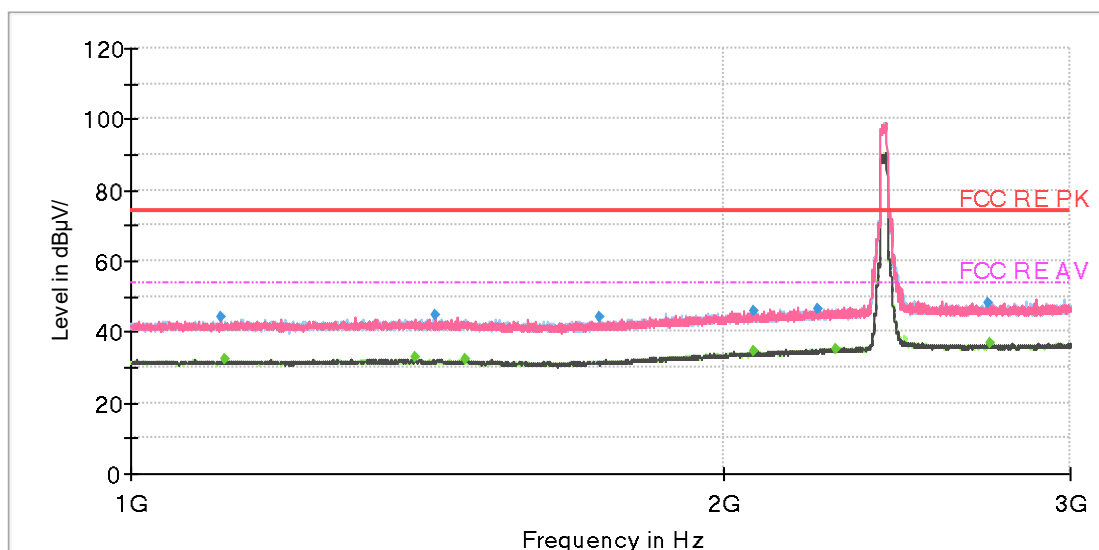


Radiates Emission from 3GHz to 18GHz

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)
3478.125000	42.86	---	74.00	31.14	500.0	100.0	V	356.0	-6
3858.750000	---	31.11	54.00	22.89	500.0	100.0	V	265.0	-5
5214.375000	46.63	---	74.00	27.37	500.0	100.0	H	66.0	-1
5439.375000	---	35.25	54.00	18.75	500.0	100.0	V	348.0	0
6836.250000	48.45	---	74.00	25.55	500.0	200.0	H	110.0	1
6858.750000	---	38.01	54.00	15.99	500.0	100.0	H	164.0	1
7387.500000	---	38.09	54.00	15.91	500.0	100.0	V	303.0	2
9309.375000	50.39	---	74.00	23.61	500.0	100.0	H	179.0	3
12693.750000	---	40.63	54.00	13.37	500.0	200.0	V	28.0	5
12729.375000	51.14	---	74.00	22.86	500.0	200.0	H	347.0	5
16657.500000	---	41.74	54.00	12.26	500.0	100.0	H	295.0	7
16989.375000	52.43	---	74.00	21.57	500.0	200.0	H	201.0	8

802.11n (HT20) CH1

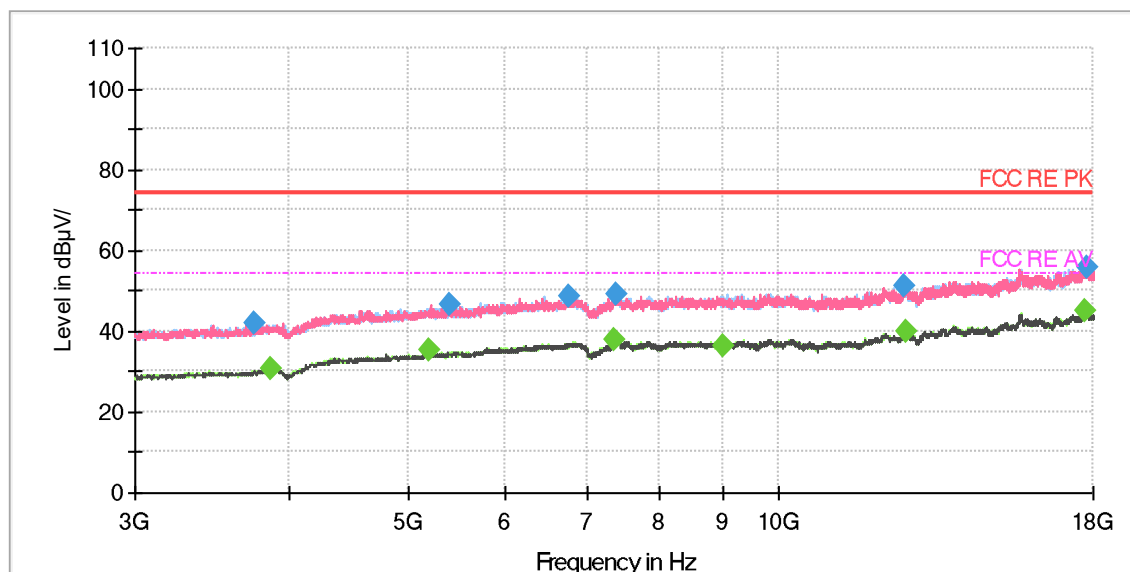


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Final Result

Frequency (MHz)	MaxPeak (dBμ V/m)	Average (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1110.75	43.88	---	74.00	30.12	500.00	200.0	V	167.00	-5
1115.25	---	32.27	54.00	21.73	500.00	200.0	H	286.00	-5
1394.00	---	32.62	54.00	21.38	500.00	200.0	V	21.00	-4
1428.75	44.49	---	74.00	29.51	500.00	100.0	V	238.00	-4
1479.00	---	32.25	54.00	21.75	500.00	200.0	V	6.00	-4
1731.25	44.03	---	74.00	29.97	500.00	200.0	H	167.00	-4
2071.50	45.96	---	74.00	28.04	500.00	100.0	H	47.00	-3
2074.00	---	34.58	54.00	19.43	500.00	100.0	V	0.00	-3
2234.00	46.57	---	74.00	27.43	500.00	100.0	V	286.00	-2
2282.50	---	35.34	54.00	18.66	500.00	100.0	V	299.00	-2
2725.00	48.05	---	74.00	25.95	500.00	100.0	V	143.00	0
2730.75	---	36.79	54.00	17.21	500.00	100.0	V	274.00	0

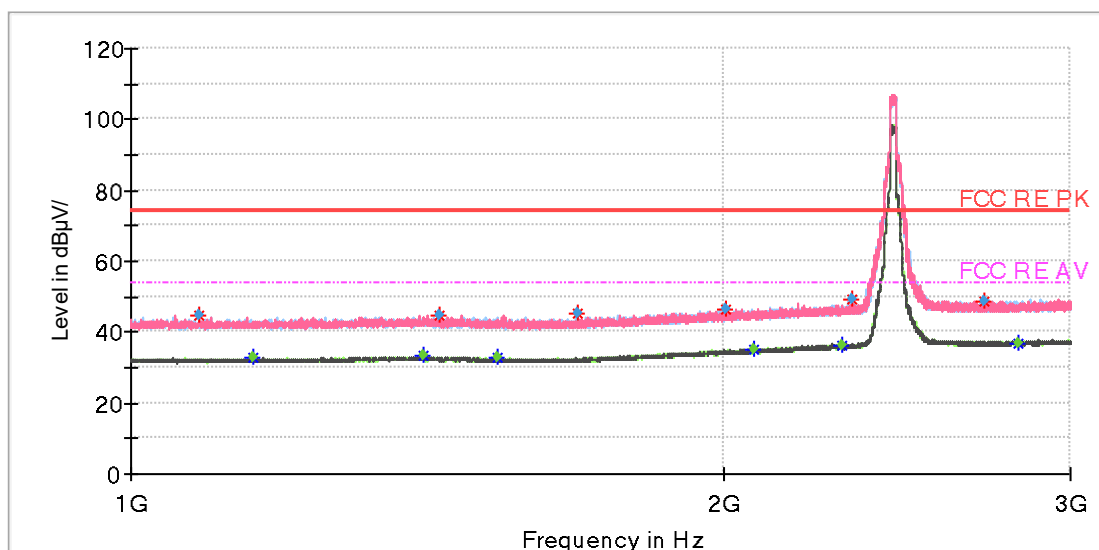


Radiates Emission from 3GHz to 18GHz

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)
3742.500000	42.00	---	74.00	32.00	500.0	200.0	H	320.0	-5.5
3873.750000	---	30.91	54.00	23.09	500.0	200.0	H	270.0	-4.8
5193.750000	---	35.38	54.00	18.62	500.0	100.0	H	224.0	-1.1
5392.500000	46.58	---	74.00	27.42	500.0	100.0	V	199.0	-0.5
6765.000000	48.74	---	74.00	25.26	500.0	100.0	V	219.0	1.0
7348.125000	---	37.63	54.00	16.37	500.0	200.0	V	80.0	1.8
7385.625000	49.31	---	74.00	24.69	500.0	100.0	H	203.0	2.0
9016.875000	---	36.23	54.00	17.77	500.0	100.0	H	81.0	3.0
12645.000000	51.22	---	74.00	22.78	500.0	200.0	V	10.0	5.0
12673.125000	---	40.01	54.00	13.99	500.0	100.0	H	306.0	5.1
17713.125000	---	44.90	54.00	9.10	500.0	200.0	V	294.0	9.9
17775.000000	55.74	---	74.00	18.26	500.0	200.0	H	168.0	10.0

802.11n (HT20) CH6

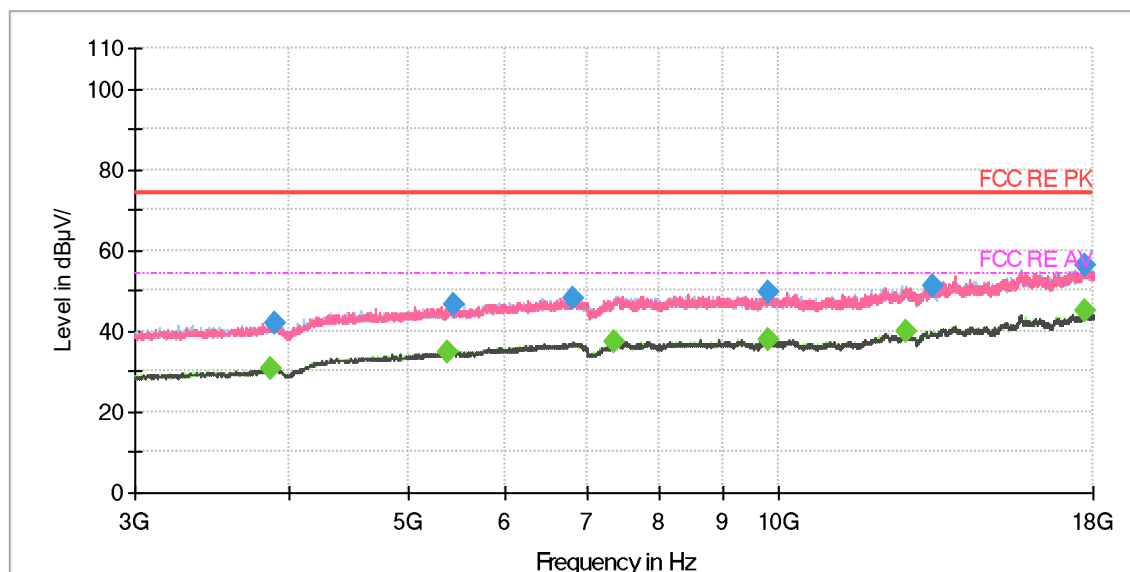


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Final Result

Frequency (MHz)	MaxPeak (dBμ V/m)	Average (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1082.00	44.68	---	74.00	29.32	500.00	200.0	V	1.00	-5
1153.00	---	32.69	54.00	21.31	500.00	100.0	H	185.00	-5
1407.00	---	33.13	54.00	20.87	500.00	100.0	V	237.00	-4
1434.50	44.83	---	74.00	29.17	500.00	200.0	H	339.00	-4
1536.25	---	32.99	54.00	21.01	500.00	200.0	V	65.00	-4
1684.50	45.06	---	74.00	28.94	500.00	200.0	H	316.00	-4
2007.00	46.70	---	74.00	27.30	500.00	100.0	H	272.00	-3
2069.75	---	35.37	54.00	18.63	500.00	100.0	V	298.00	-3
2299.50	---	36.19	54.00	17.81	500.00	200.0	H	357.00	-1
2322.50	49.37	---	74.00	24.63	500.00	100.0	V	352.00	-1
2714.00	48.53	---	74.00	25.47	500.00	200.0	H	359.00	0
2822.00	---	36.98	54.00	17.02	500.00	200.0	H	359.00	0

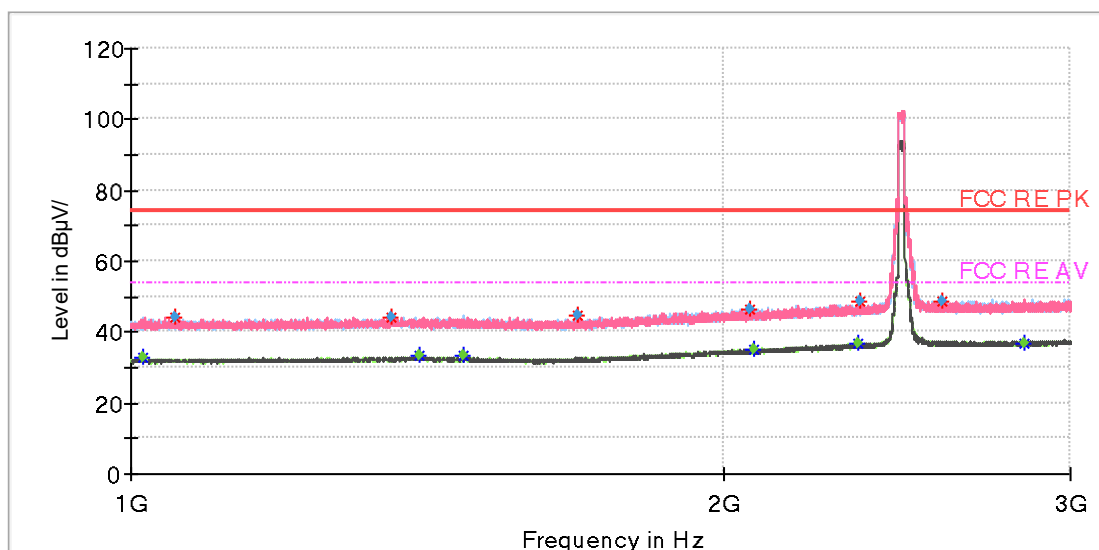


Radiates Emission from 3GHz to 18GHz

Final Result

Frequency (MHz)	MaxPeak (dBμ V/m)	Average (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3873.750000	---	30.92	54.00	23.08	500.0	100.0	H	51.0	-4.8
3903.750000	41.84	---	74.00	32.16	500.0	100.0	H	0.0	-4.9
5386.875000	---	34.89	54.00	19.11	500.0	100.0	V	230.0	-0.5
5443.125000	46.45	---	74.00	27.55	500.0	200.0	H	187.0	-0.4
6810.000000	48.23	---	74.00	25.77	500.0	200.0	H	219.0	1.1
7348.125000	---	37.45	54.00	16.55	500.0	100.0	V	300.0	1.8
9796.875000	49.39	---	74.00	24.61	500.0	200.0	H	340.0	3.2
9823.125000	---	37.96	54.00	16.04	500.0	100.0	V	98.0	3.2
12673.125000	---	39.99	54.00	14.01	500.0	100.0	V	260.0	5.1
13336.875000	51.30	---	74.00	22.70	500.0	100.0	H	0.0	5.2
17700.000000	56.35	---	74.00	17.65	500.0	200.0	H	358.0	9.8
17750.625000	---	45.02	54.00	8.98	500.0	200.0	H	177.0	9.9

802.11n (HT20) CH11

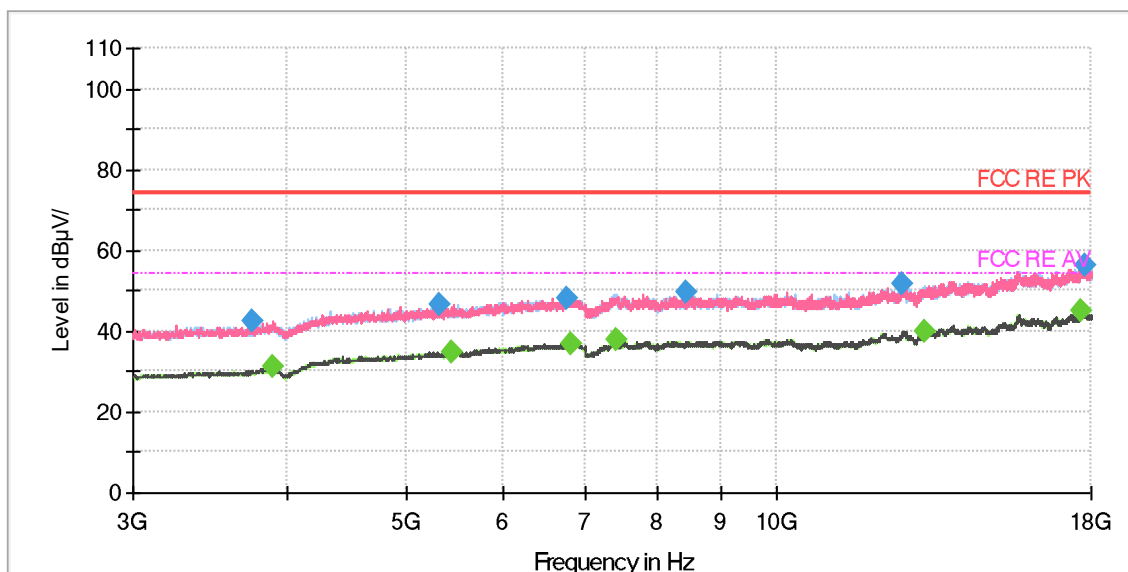


Note: The signal beyond the limit is carrier.

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)
1013.75	---	32.68	54.00	21.32	500.00	200.0	H	65.00	-5
1052.00	44.32	---	74.00	29.68	500.00	100.0	H	331.00	-5
1355.75	44.33	---	74.00	29.67	500.00	200.0	V	344.00	-4
1399.75	---	33.19	54.00	20.81	500.00	200.0	H	95.00	-4
1476.00	---	33.47	54.00	20.53	500.00	100.0	V	8.00	-4
1684.25	44.62	---	74.00	29.38	500.00	200.0	V	249.00	-4
2064.00	46.62	---	74.00	27.38	500.00	100.0	H	342.00	-3
2070.25	---	35.08	54.00	18.92	500.00	200.0	H	5.00	-3
2341.25	---	36.67	54.00	17.33	500.00	200.0	V	334.00	-1
2346.25	48.42	---	74.00	25.58	500.00	200.0	V	322.00	-1
2581.75	48.69	---	74.00	25.31	500.00	100.0	V	0.00	-1
2839.50	---	36.84	54.00	17.16	500.00	100.0	H	359.00	0

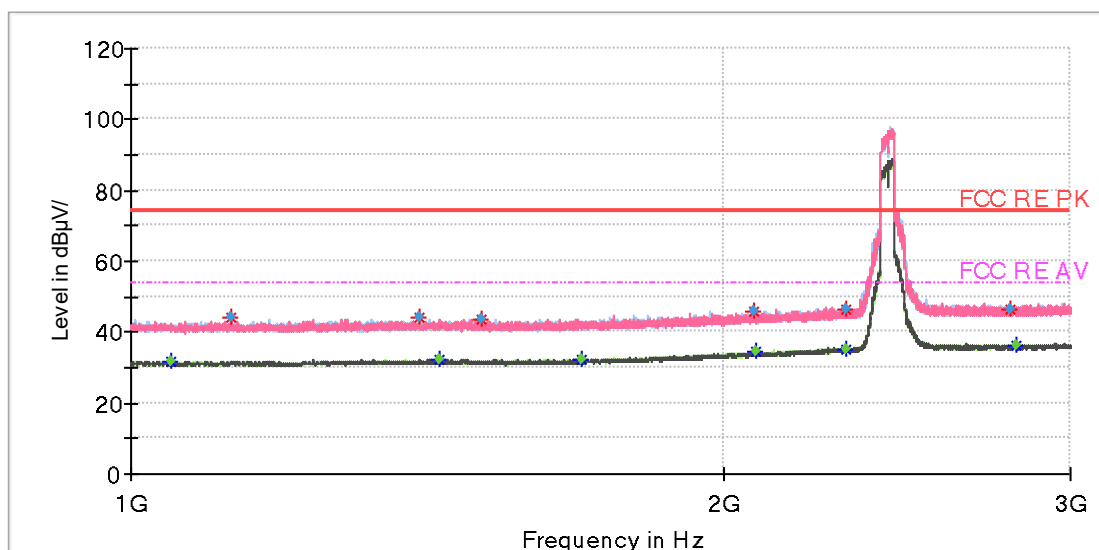


Radiates Emission from 3GHz to 18GHz

Final Result

Frequency (MHz)	MaxPeak (dBμ V/m)	Average (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3751.875000	42.60	---	74.00	31.40	500.0	100.0	H	32.0	-5.5
3898.125000	---	31.33	54.00	22.68	500.0	200.0	V	152.0	-4.9
5325.000000	46.44	---	74.00	27.56	500.0	100.0	H	62.0	-0.8
5446.875000	---	34.95	54.00	19.05	500.0	200.0	H	259.0	-0.5
6757.500000	48.30	---	74.00	25.70	500.0	100.0	V	259.0	1.0
6798.750000	---	37.08	54.00	16.92	500.0	200.0	V	0.0	1.1
7396.875000	---	38.01	54.00	15.99	500.0	100.0	H	72.0	2.0
8450.625000	49.51	---	74.00	24.49	500.0	200.0	V	81.0	2.9
12620.625000	51.53	---	74.00	22.47	500.0	100.0	V	259.0	4.9
13166.250000	---	39.96	54.00	14.04	500.0	100.0	V	106.0	5.0
17664.375000	---	44.86	54.00	9.14	500.0	100.0	V	176.0	9.8
17805.000000	56.24	---	74.00	17.76	500.0	100.0	H	266.0	10.0

802.11n (HT40) CH3

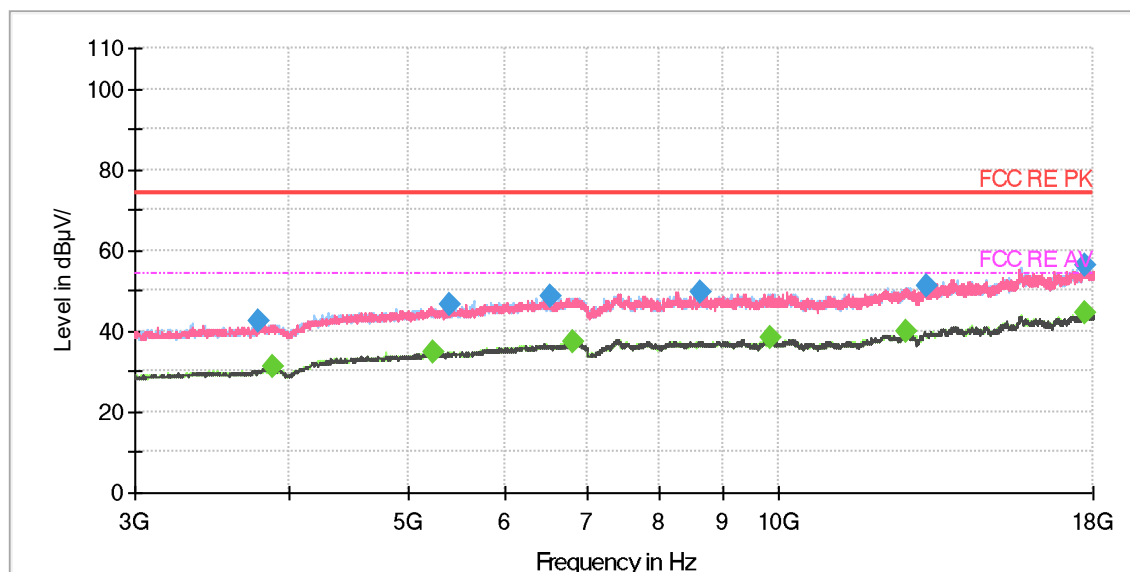


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Final Result

Frequency (MHz)	MaxPeak (dBμ V/m)	Average (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1048.50	---	31.96	54.00	22.04	500.00	200.0	H	1.00	-5
1125.00	44.07	---	74.00	29.93	500.00	200.0	V	0.00	-5
1402.00	44.08	---	74.00	29.92	500.00	200.0	H	46.00	-4
1435.50	---	32.44	54.00	21.56	500.00	200.0	V	314.00	-4
1506.75	43.67	---	74.00	30.33	500.00	100.0	V	68.00	-4
1693.50	---	32.41	54.00	21.59	500.00	200.0	V	314.00	-4
2073.75	45.79	---	74.00	28.21	500.00	100.0	V	3.00	-3
2075.50	---	34.26	54.00	19.74	500.00	200.0	V	359.00	-3
2305.25	46.57	---	74.00	27.43	500.00	200.0	H	242.00	-1
2307.50	---	35.17	54.00	18.83	500.00	100.0	H	330.00	-1
2793.75	46.46	---	74.00	27.54	500.00	100.0	H	0.00	0
2814.50	---	36.38	54.00	17.62	500.00	200.0	V	234.00	0

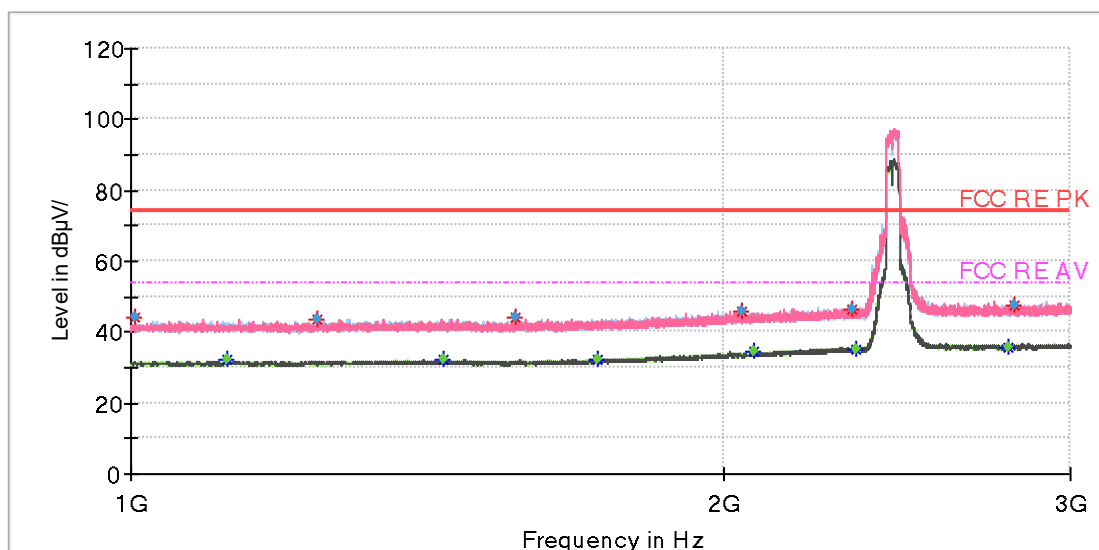


Radiates Emission from 3GHz to 18GHz

Final Result

Frequency (MHz)	MaxPeak (dBμ V/m)	Average (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3776.250000	42.62	---	74.00	31.38	500.0	100.0	H	71.0	-5.3
3879.375000	---	31.10	54.00	22.90	500.0	200.0	H	156.0	-4.8
5236.875000	---	34.98	54.00	19.02	500.0	100.0	V	260.0	-0.9
5392.500000	46.40	---	74.00	27.60	500.0	200.0	H	246.0	-0.5
6530.625000	48.45	---	74.00	25.55	500.0	200.0	H	0.0	1.0
6806.250000	---	37.35	54.00	16.65	500.0	200.0	H	236.0	1.1
8640.000000	49.84	---	74.00	24.16	500.0	100.0	V	300.0	3.1
9825.000000	---	38.22	54.00	15.78	500.0	200.0	H	226.0	3.2
12701.250000	---	39.96	54.00	14.04	500.0	200.0	H	0.0	5.1
13171.875000	51.41	---	74.00	22.59	500.0	200.0	H	45.0	5.0
17694.375000	56.32	---	74.00	17.68	500.0	200.0	H	246.0	9.8
17743.125000	---	44.73	54.00	9.27	500.0	200.0	V	52.0	9.9

802.11n (HT40) CH6

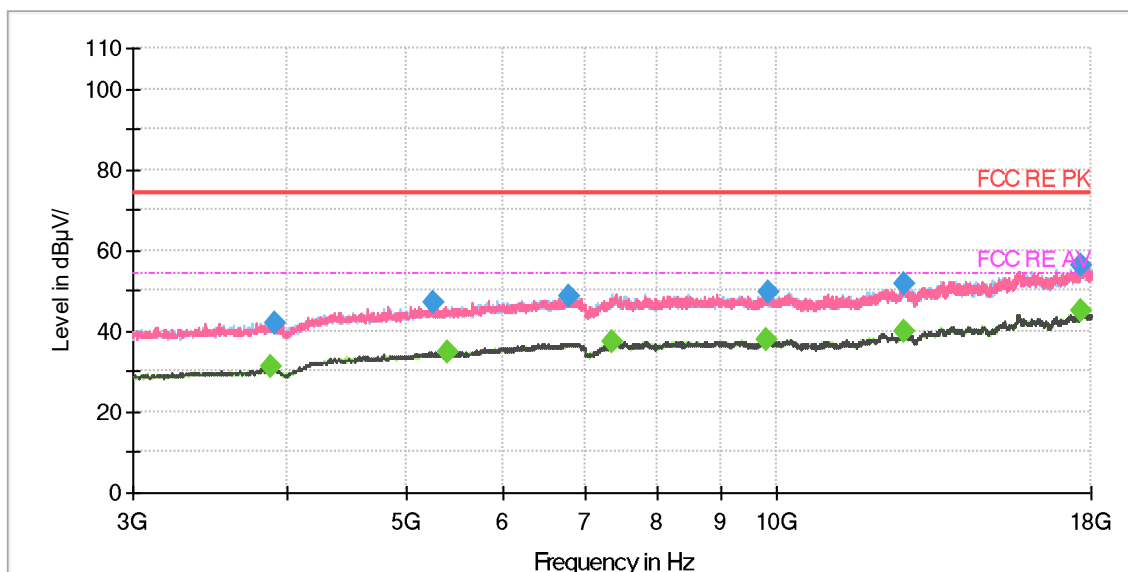


Note: The signal beyond the limit is carrier.

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)
1004.25	43.88	---	74.00	30.12	500.00	100.0	H	2.00	-5
1118.00	---	32.05	54.00	21.95	500.00	100.0	V	9.00	-5
1244.50	43.72	---	74.00	30.28	500.00	200.0	H	240.00	-5
1441.50	---	32.04	54.00	21.96	500.00	100.0	V	2.00	-4
1569.25	44.04	---	74.00	29.96	500.00	200.0	H	10.00	-4
1724.75	---	32.24	54.00	21.76	500.00	200.0	H	10.00	-4
2042.75	46.05	---	74.00	27.95	500.00	100.0	V	60.00	-3
2072.00	---	34.53	54.00	19.47	500.00	200.0	V	0.00	-3
2323.00	46.56	---	74.00	27.44	500.00	100.0	V	29.00	-1
2335.50	---	35.24	54.00	18.76	500.00	100.0	H	357.00	-1
2788.75	---	35.72	54.00	18.28	500.00	100.0	H	354.00	0
2811.25	47.27	---	74.00	26.73	500.00	200.0	V	245.00	0

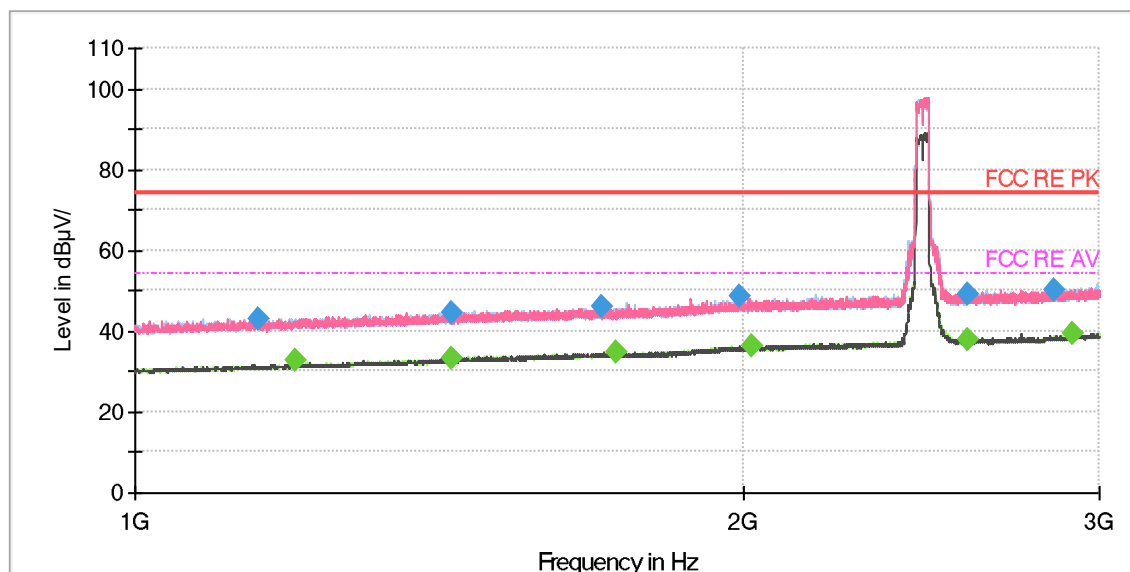


Radiates Emission from 3GHz to 18GHz

Final Result

Frequency (MHz)	MaxPeak (dBμ V/m)	Average (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3888.750000	---	31.15	54.00	22.85	500.0	200.0	V	131.0	-4.9
3915.000000	42.07	---	74.00	31.93	500.0	100.0	V	259.0	-5.1
5257.500000	46.99	---	74.00	27.01	500.0	200.0	H	34.0	-0.9
5392.500000	---	35.03	54.00	18.97	500.0	100.0	V	219.0	-0.5
6766.875000	48.86	---	74.00	25.14	500.0	100.0	H	102.0	1.0
7346.250000	---	37.43	54.00	16.57	500.0	100.0	V	0.0	1.8
9804.375000	---	38.07	54.00	15.93	500.0	200.0	V	39.0	3.2
9828.750000	49.81	---	74.00	24.19	500.0	100.0	H	122.0	3.2
12673.125000	---	40.07	54.00	13.93	500.0	200.0	V	121.0	5.1
12695.625000	51.53	---	74.00	22.47	500.0	200.0	H	290.0	5.1
17653.125000	---	44.88	54.00	9.12	500.0	200.0	H	188.0	9.8
17662.500000	56.23	---	74.00	17.77	500.0	100.0	V	0.0	9.8

802.11n (HT40) CH9

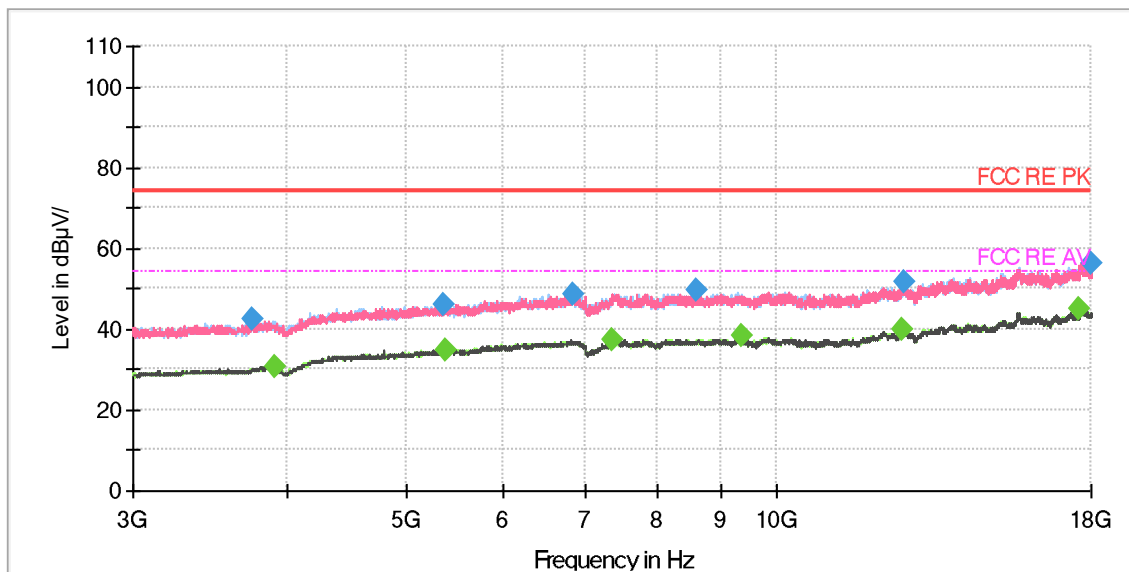


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Final Result

Frequency (MHz)	MaxPeak (dBμ V/m)	Average (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1150.750000	43.15	---	74.00	30.85	500.0	100.0	V	68.0	-6
1199.750000	---	32.76	54.00	21.24	500.0	200.0	H	111.0	-6
1433.000000	44.76	---	74.00	29.24	500.0	200.0	H	66.0	-4
1433.250000	---	33.50	54.00	20.50	500.0	100.0	H	236.0	-4
1702.750000	45.81	---	74.00	28.19	500.0	100.0	H	355.0	-2
1731.750000	---	34.73	54.00	19.27	500.0	200.0	H	73.0	-2
1992.500000	48.53	---	74.00	25.47	500.0	100.0	V	68.0	0
2020.000000	---	36.53	54.00	17.47	500.0	100.0	V	0.0	0
2581.000000	---	38.07	54.00	15.93	500.0	200.0	H	111.0	2
2581.250000	48.87	---	74.00	25.13	500.0	100.0	H	258.0	2
2847.000000	50.29	---	74.00	23.71	500.0	100.0	H	306.0	3
2911.500000	---	39.45	54.00	14.55	500.0	100.0	V	278.0	3

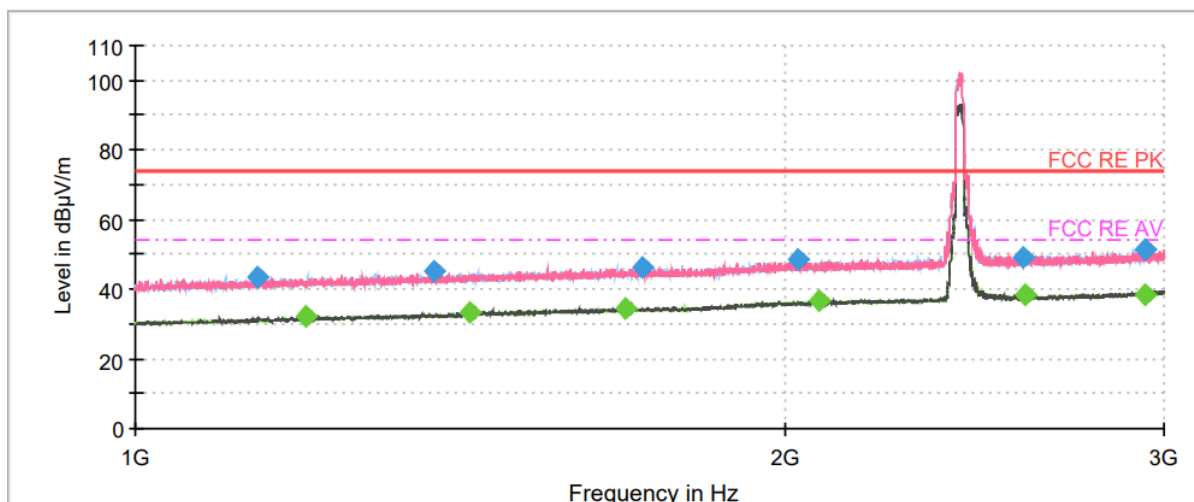


Radiates Emission from 3GHz to 18GHz

Final Result

Frequency (MHz)	MaxPeak (dBμ V/m)	Average (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3742.500000	42.25	---	74.00	31.75	500.0	200.0	H	87.0	-5.5
3907.500000	---	30.93	54.00	23.07	500.0	100.0	H	212.0	-5.0
5355.000000	45.94	---	74.00	28.06	500.0	200.0	H	188.0	-0.8
5390.625000	---	35.00	54.00	19.00	500.0	200.0	H	199.0	-0.5
6843.750000	48.75	---	74.00	25.25	500.0	200.0	V	17.0	1.1
7348.125000	---	37.53	54.00	16.47	500.0	200.0	H	117.0	1.8
8589.375000	49.54	---	74.00	24.46	500.0	200.0	V	0.0	3.0
9346.875000	---	38.15	54.00	15.85	500.0	100.0	V	117.0	3.0
12658.125000	---	40.01	54.00	13.99	500.0	100.0	V	258.0	5.1
12690.000000	51.51	---	74.00	22.49	500.0	100.0	H	18.0	5.1
17613.750000	---	44.81	54.00	9.19	500.0	100.0	V	358.0	9.8
17990.625000	56.17	---	74.00	17.83	500.0	200.0	H	320.0	10.3

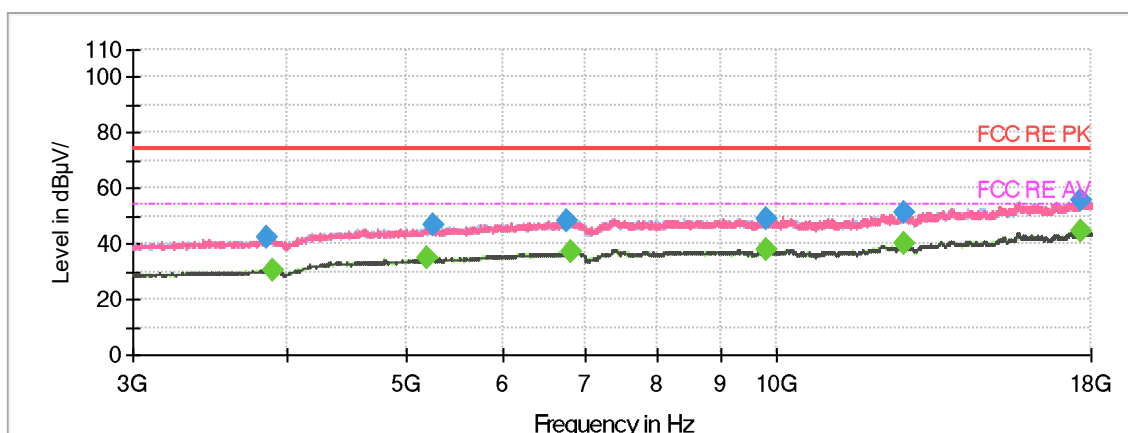
802.11ax HE20 CH 1



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)
1138.250000	43.25	---	74.00	30.75	500.0	200.0	V	299.0	-7
1199.750000	---	32.32	54.00	21.68	500.0	200.0	H	130.0	-6
1376.000000	44.92	---	74.00	29.08	500.0	100.0	H	67.0	-5
1430.000000	---	33.46	54.00	20.54	500.0	100.0	H	291.0	-4
1686.750000	---	34.60	54.00	19.40	500.0	200.0	V	124.0	-2
1720.250000	46.32	---	74.00	27.68	500.0	200.0	V	152.0	-2
2028.250000	48.54	---	74.00	25.46	500.0	200.0	V	292.0	0
2075.250000	---	36.62	54.00	17.38	500.0	200.0	H	193.0	0
2580.500000	49.15	---	74.00	24.85	500.0	100.0	V	308.0	2
2584.250000	---	38.33	54.00	15.67	500.0	200.0	V	342.0	2
2941.000000	51.57	---	74.00	22.43	500.0	200.0	V	138.0	3
2943.250000	---	38.47	54.00	15.53	500.0	100.0	H	320.0	3

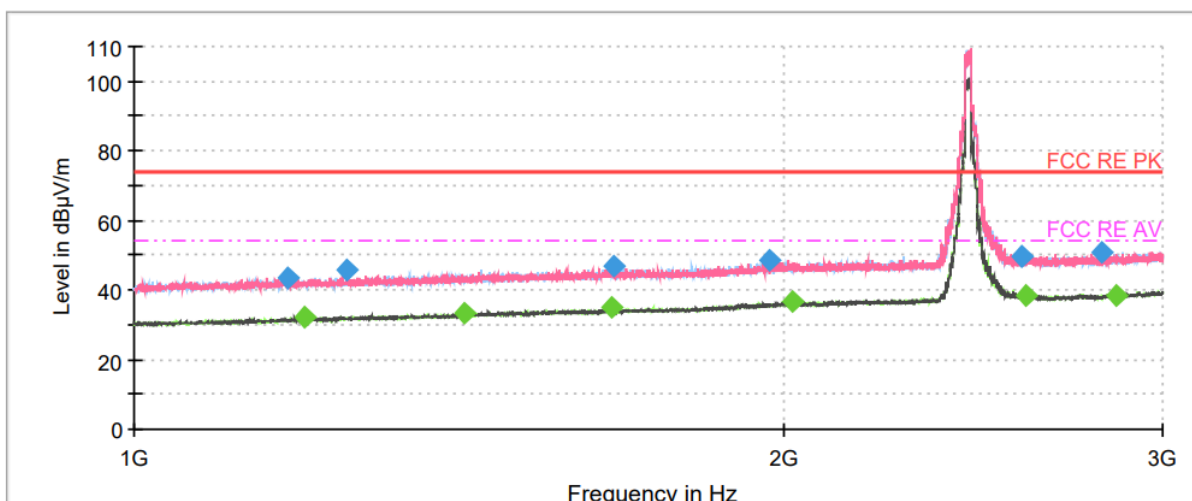


Radiates Emission from 3GHz to 18GHz

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)
3853.125000	42.67	---	74.00	31.33	500.0	200.0	V	242.0	-4.9
3894.375000	---	30.84	54.00	23.16	500.0	100.0	H	58.0	-4.9
5201.250000	---	35.00	54.00	19.00	500.0	200.0	V	28.0	-1.0
5266.875000	46.56	---	74.00	27.44	500.0	200.0	H	248.0	-0.9
6755.625000	48.64	---	74.00	25.36	500.0	200.0	H	0.0	1.0
6813.750000	---	37.18	54.00	16.82	500.0	100.0	V	0.0	1.1
9813.750000	49.05	---	74.00	24.95	500.0	100.0	H	38.0	3.2
9813.750000	---	37.96	54.00	16.04	500.0	200.0	V	110.0	3.2
12661.875000	51.54	---	74.00	22.46	500.0	100.0	H	191.0	5.1
12703.125000	---	40.01	54.00	13.99	500.0	100.0	H	274.0	5.1
17649.375000	---	44.74	54.00	9.26	500.0	100.0	H	140.0	9.8
17673.750000	55.90	---	74.00	18.10	500.0	200.0	H	0.0	9.8

802.11ax HE20 CH6

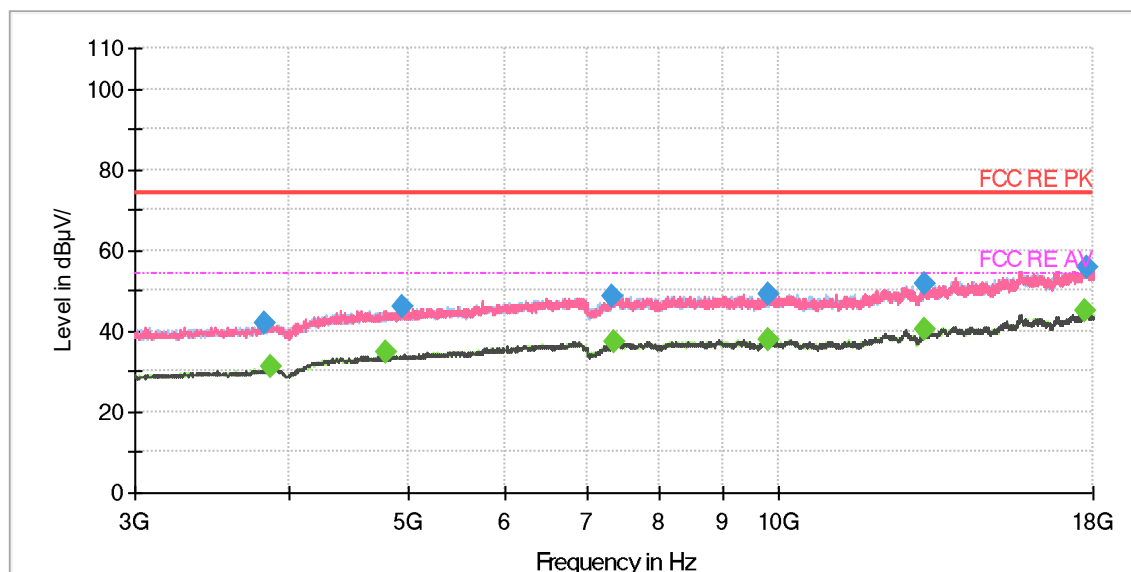


Note: The signal beyond the limit is carrier.

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)
1177.500000	43.64	---	74.00	30.36	500.0	100.0	V	243.0	-6
1200.000000	---	32.13	54.00	21.87	500.0	100.0	V	124.0	-6
1254.500000	45.45	---	74.00	28.55	500.0	100.0	V	342.0	-6
1423.250000	---	33.18	54.00	20.82	500.0	100.0	V	0.0	-4
1666.500000	---	34.83	54.00	19.17	500.0	100.0	V	25.0	-2
1667.250000	46.56	---	74.00	27.44	500.0	200.0	H	24.0	-2
1968.750000	48.58	---	74.00	25.42	500.0	200.0	H	221.0	0
2018.000000	---	36.54	54.00	17.46	500.0	200.0	V	274.0	0
2581.000000	49.49	---	74.00	24.51	500.0	200.0	H	157.0	2
2592.000000	---	38.59	54.00	15.41	500.0	100.0	H	159.0	2
2813.000000	50.59	---	74.00	23.41	500.0	200.0	V	295.0	3
2853.000000	---	38.61	54.00	15.39	500.0	100.0	H	174.0	3

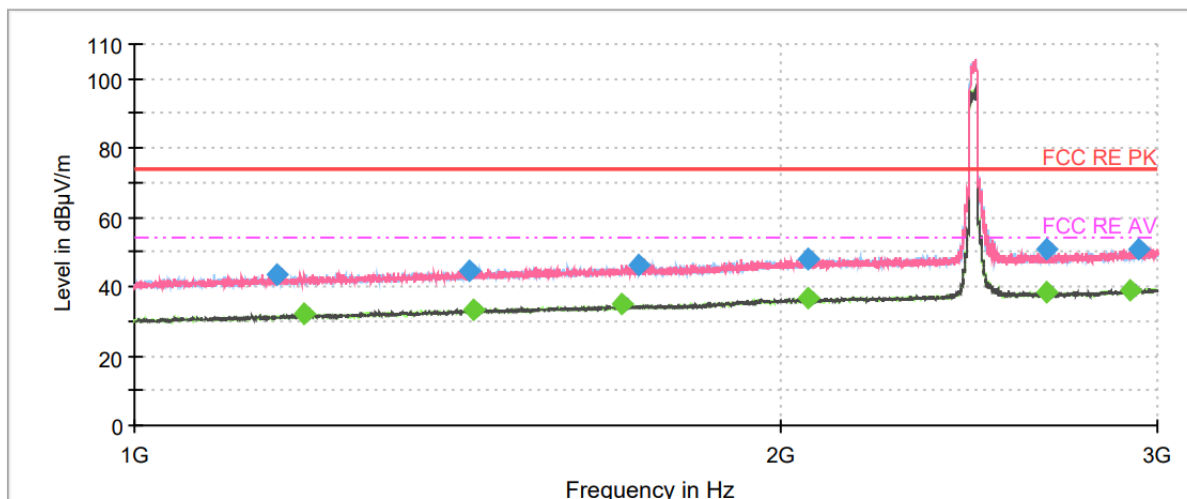


Radiates Emission from 3GHz to 18GHz

Final Result

Frequency (MHz)	MaxPeak (dBμ V/m)	Average (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3819.375000	41.85	---	74.00	32.15	500.0	100.0	H	0.0	-5.1
3868.125000	---	31.03	54.00	22.97	500.0	200.0	V	59.0	-4.8
4796.250000	---	34.83	54.00	19.17	500.0	100.0	V	127.0	-1.6
4938.750000	46.11	---	74.00	27.89	500.0	200.0	H	136.0	-1.5
7312.500000	48.68	---	74.00	25.32	500.0	100.0	H	152.0	1.6
7340.625000	---	37.32	54.00	16.68	500.0	100.0	V	198.0	1.8
9798.750000	49.28	---	74.00	24.72	500.0	200.0	H	358.0	3.2
9819.375000	---	37.96	54.00	16.04	500.0	200.0	V	1.0	3.2
13115.625000	51.58	---	74.00	22.42	500.0	100.0	V	65.0	4.8
13136.250000	---	40.34	54.00	13.66	500.0	100.0	V	332.0	4.9
17737.500000	---	44.77	54.00	9.23	500.0	100.0	H	152.0	9.9
17784.375000	55.73	---	74.00	18.27	500.0	200.0	H	318.0	10.0

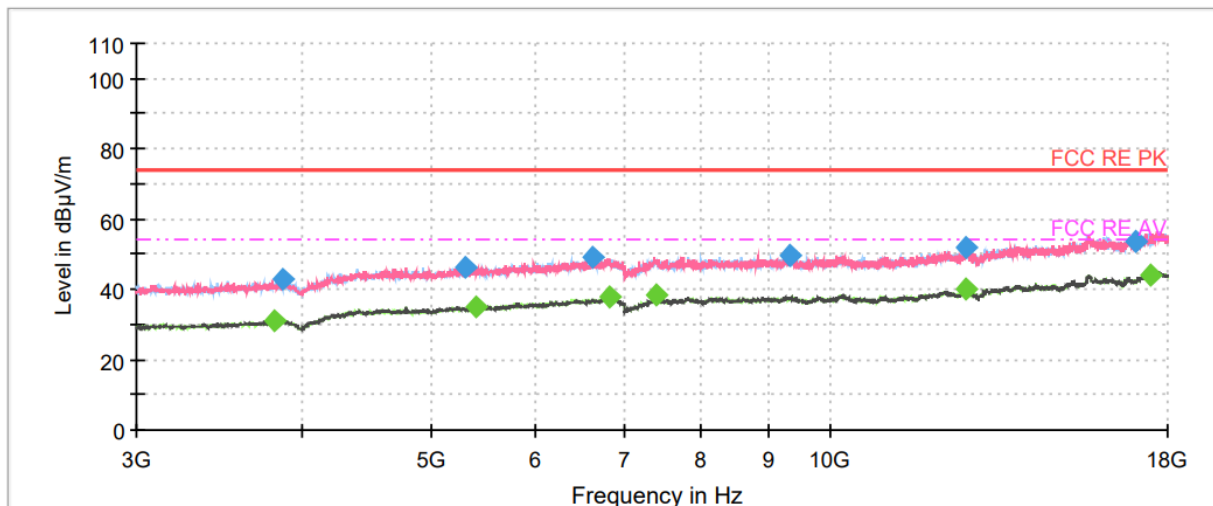
802.11ax HE20 CH11



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)
1166.250000	43.66	---	74.00	30.34	500.0	100.0	H	0.0	-6
1200.000000	---	32.04	54.00	21.96	500.0	200.0	H	124.0	-6
1432.750000	44.61	---	74.00	29.39	500.0	100.0	H	208.0	-4
1440.250000	---	33.53	54.00	20.47	500.0	100.0	H	111.0	-4
1686.750000	---	34.83	54.00	19.17	500.0	200.0	V	47.0	-2
1718.750000	46.21	---	74.00	27.79	500.0	100.0	H	335.0	-2
2059.750000	---	36.48	54.00	17.52	500.0	100.0	V	303.0	0
2060.250000	48.17	---	74.00	25.83	500.0	100.0	V	254.0	0
2660.250000	50.54	---	74.00	23.46	500.0	100.0	V	317.0	2
2663.500000	---	38.08	54.00	15.92	500.0	100.0	V	150.0	2
2912.750000	---	38.97	54.00	15.03	500.0	100.0	V	248.0	3
2939.250000	50.53	---	74.00	23.47	500.0	200.0	V	88.0	3

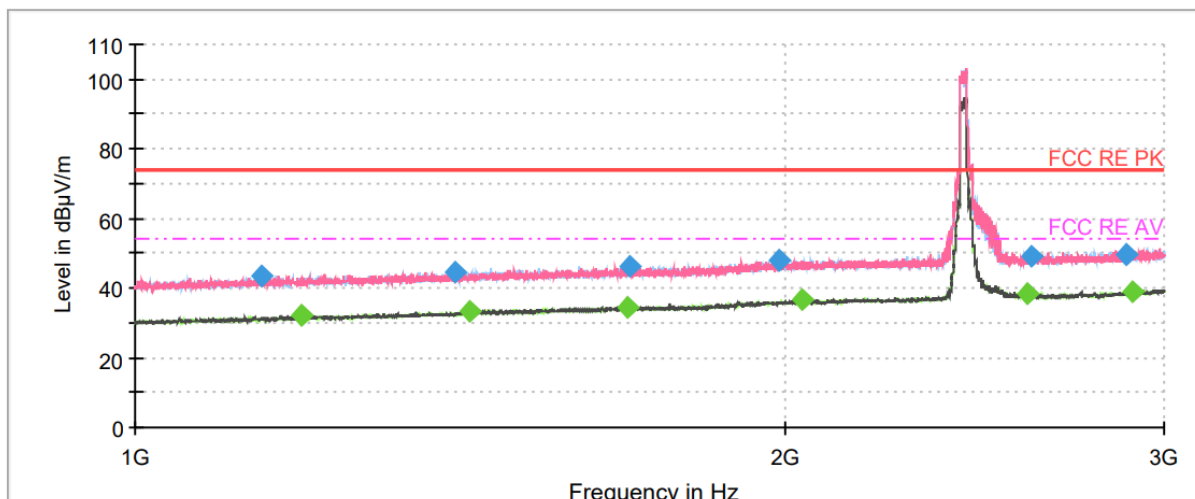


Radiates Emission from 3GHz to 18GHz

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)
3817.500000	---	31.07	54.00	22.93	500.0	200.0	V	106.0	-5
3864.375000	42.61	---	74.00	31.39	500.0	100.0	H	73.0	-5
5317.500000	46.42	---	74.00	27.58	500.0	200.0	H	148.0	-1
5403.750000	---	35.23	54.00	18.77	500.0	200.0	V	51.0	0
6624.375000	49.13	---	74.00	24.87	500.0	200.0	V	106.0	1
6826.875000	---	37.56	54.00	16.44	500.0	100.0	V	51.0	1
7398.750000	---	38.12	54.00	15.88	500.0	200.0	V	188.0	2
9341.250000	49.92	---	74.00	24.08	500.0	100.0	V	295.0	3
12675.000000	51.64	---	74.00	22.36	500.0	200.0	V	181.0	5
12690.000000	---	40.02	54.00	13.98	500.0	200.0	H	216.0	5
17025.000000	53.48	---	74.00	20.52	500.0	100.0	H	172.0	8
17497.500000	---	43.74	54.00	10.26	500.0	200.0	H	95.0	10

802.11ax HE40 CH3

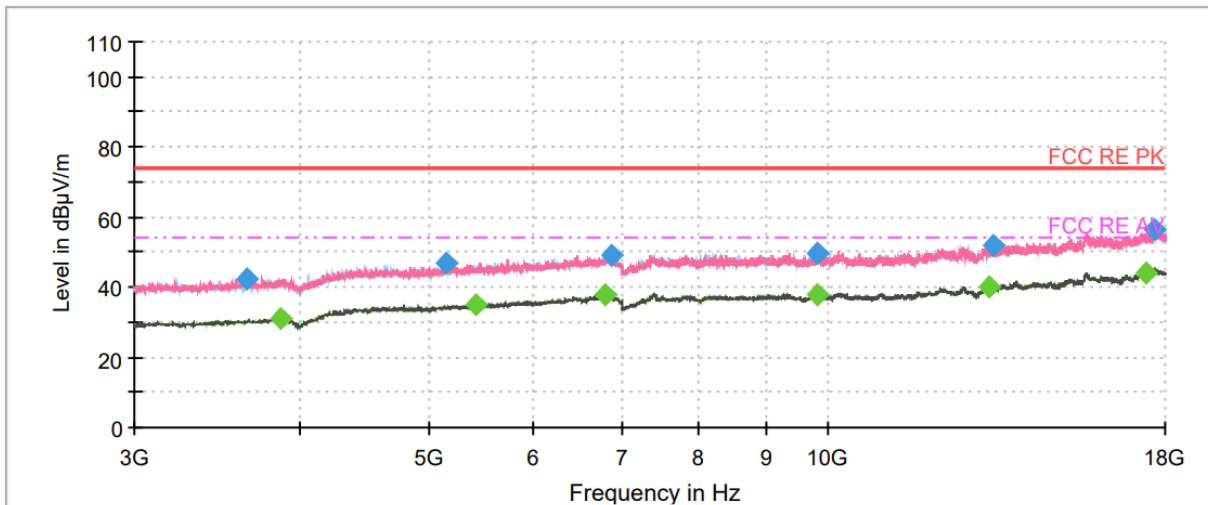


Note: The signal beyond the limit is carrier.

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)
1143.250000	43.70	---	74.00	30.30	500.0	100.0	V	101.0	-7
1194.250000	---	32.01	54.00	21.99	500.0	200.0	H	0.0	-6
1408.000000	44.57	---	74.00	29.43	500.0	100.0	V	101.0	-4
1429.000000	---	33.24	54.00	20.76	500.0	200.0	V	313.0	-4
1690.500000	---	34.63	54.00	19.37	500.0	200.0	H	53.0	-2
1697.250000	46.04	---	74.00	27.96	500.0	200.0	H	81.0	-2
1988.000000	48.19	---	74.00	25.81	500.0	100.0	V	115.0	0
2036.500000	---	36.56	54.00	17.44	500.0	100.0	H	186.0	0
2592.750000	---	38.34	54.00	15.66	500.0	200.0	V	159.0	2
2603.000000	49.12	---	74.00	24.88	500.0	200.0	V	123.0	2
2883.000000	49.63	---	74.00	24.37	500.0	100.0	H	222.0	3
2901.750000	---	39.01	54.00	14.99	500.0	200.0	H	46.0	3

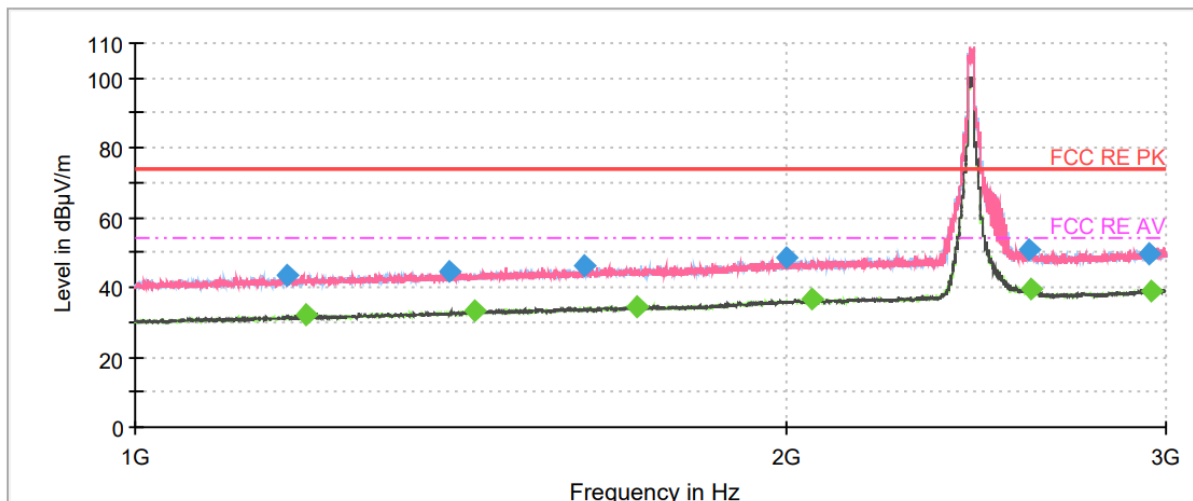


Radiates Emission from 3GHz to 18GHz

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)
3648.750000	42.48	---	74.00	31.52	500.0	100.0	H	224.0	-6
3875.625000	---	31.17	54.00	22.83	500.0	100.0	H	20.0	-5
5167.500000	46.70	---	74.00	27.30	500.0	100.0	V	340.0	-1
5435.625000	---	35.19	54.00	18.81	500.0	100.0	H	35.0	0
6795.000000	---	37.54	54.00	16.46	500.0	100.0	V	202.0	1
6873.750000	49.14	---	74.00	24.86	500.0	200.0	V	104.0	1
9825.000000	---	37.97	54.00	16.03	500.0	200.0	V	248.0	3
9843.750000	49.71	---	74.00	24.29	500.0	100.0	H	42.0	3
13261.875000	---	40.17	54.00	13.83	500.0	200.0	V	58.0	5
13335.000000	51.66	---	74.00	22.34	500.0	200.0	V	96.0	5
17439.375000	---	43.77	54.00	10.23	500.0	200.0	H	249.0	10
17681.250000	56.53	---	74.00	17.47	500.0	100.0	H	12.0	10

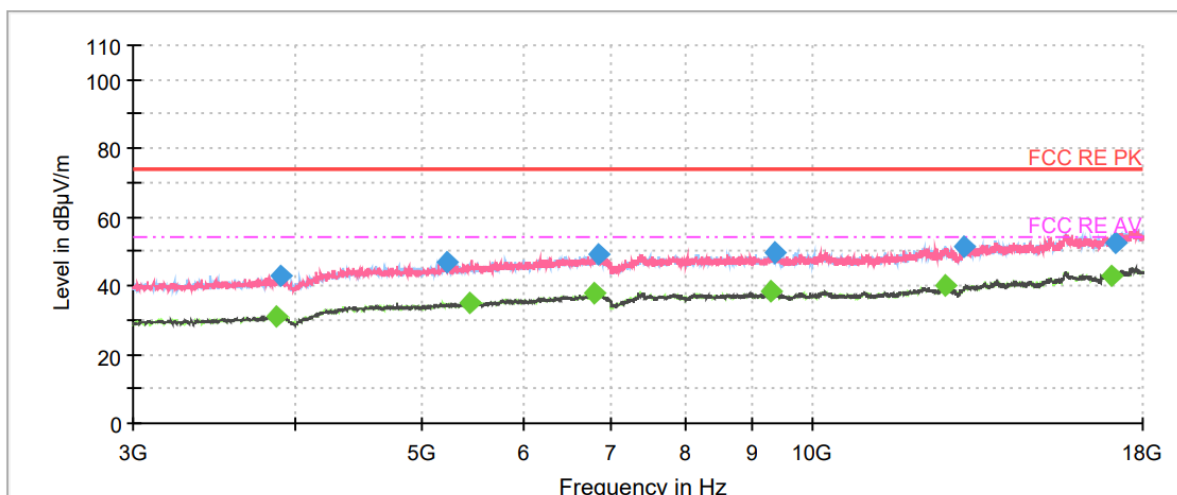
802.11ax HE40 CH6



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)
1175.250000	43.60	---	74.00	30.40	500.0	100.0	H	132.0	-6
1200.250000	---	32.40	54.00	21.60	500.0	200.0	H	265.0	-6
1396.250000	44.30	---	74.00	29.70	500.0	200.0	V	27.0	-5
1435.000000	---	33.43	54.00	20.57	500.0	100.0	V	334.0	-4
1614.750000	46.29	---	74.00	27.72	500.0	200.0	H	187.0	-3
1705.500000	---	34.60	54.00	19.40	500.0	100.0	V	17.0	-2
2001.000000	48.29	---	74.00	25.71	500.0	100.0	V	264.0	0
2056.000000	---	36.57	54.00	17.43	500.0	100.0	H	32.0	0
2594.750000	50.86	---	74.00	23.14	500.0	100.0	V	167.0	2
2598.250000	---	39.32	54.00	14.68	500.0	100.0	H	167.0	2
2947.000000	49.90	---	74.00	24.10	500.0	200.0	H	215.0	3
2951.000000	---	38.66	54.00	15.34	500.0	200.0	H	342.0	3

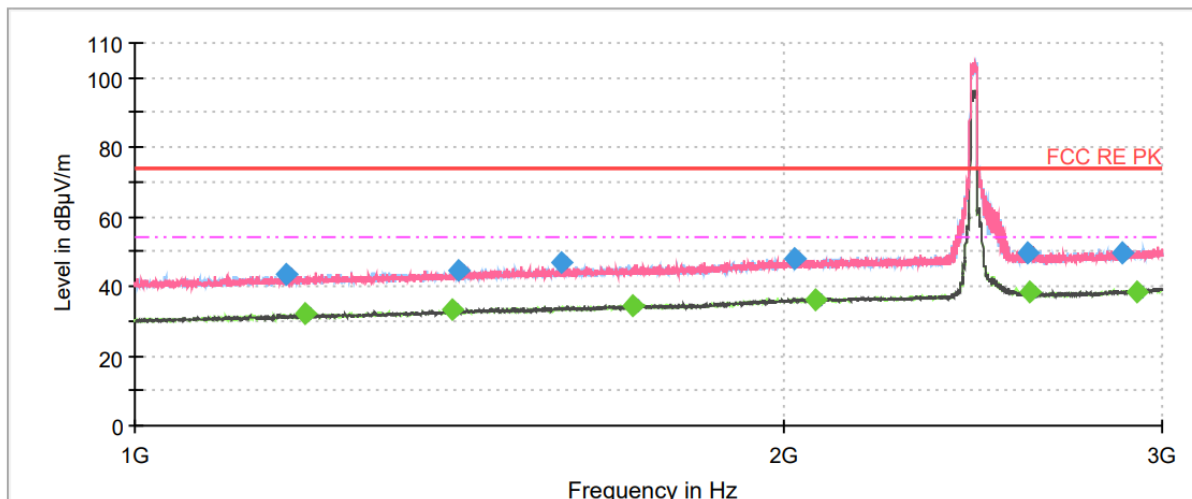


Radiates Emission from 3GHz to 18GHz

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)
3873.750000	---	31.16	54.00	22.84	500.0	100.0	H	203.0	-5
3903.750000	42.67	---	74.00	31.33	500.0	100.0	V	346.0	-5
5229.375000	46.59	---	74.00	27.41	500.0	100.0	V	293.0	-1
5445.000000	---	35.19	54.00	18.81	500.0	200.0	H	301.0	0
6810.000000	---	37.66	54.00	16.34	500.0	200.0	H	210.0	1
6860.625000	48.91	---	74.00	25.09	500.0	100.0	H	14.0	1
9301.875000	---	38.19	54.00	15.81	500.0	100.0	H	249.0	3
9369.375000	49.79	---	74.00	24.21	500.0	100.0	V	315.0	3
12691.875000	---	40.04	54.00	13.96	500.0	200.0	V	201.0	5
13132.500000	51.43	---	74.00	22.57	500.0	200.0	H	279.0	5
17034.375000	---	42.76	54.00	11.24	500.0	100.0	H	67.0	8
17141.250000	52.61	---	74.00	21.39	500.0	100.0	V	34.0	9

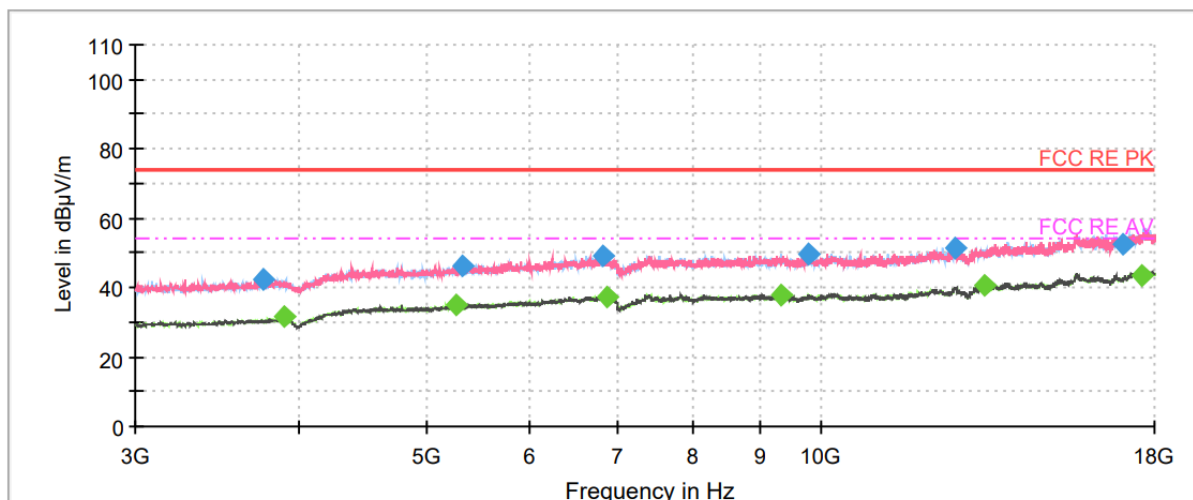
802.11ax HE40 CH9



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)
1174.500000	43.70	---	74.00	30.30	500.0	200.0	H	300.0	-6
1200.000000	---	32.12	54.00	21.88	500.0	200.0	H	116.0	-6
1404.250000	---	33.12	54.00	20.88	500.0	200.0	H	335.0	-4
1413.250000	44.66	---	74.00	29.34	500.0	200.0	V	11.0	-4
1578.250000	46.58	---	74.00	27.42	500.0	100.0	H	35.0	-3
1704.250000	---	34.58	54.00	19.42	500.0	200.0	H	0.0	-2
2023.750000	48.10	---	74.00	25.90	500.0	100.0	H	70.0	0
2069.000000	---	36.38	54.00	17.62	500.0	200.0	H	252.0	0
2597.750000	49.49	---	74.00	24.51	500.0	100.0	V	116.0	2
2602.500000	---	38.46	54.00	15.54	500.0	200.0	V	157.0	2
2877.750000	49.43	---	74.00	24.57	500.0	200.0	H	102.0	3
2918.750000	---	38.34	54.00	15.66	500.0	200.0	V	52.0	3



Radiates Emission from 3GHz to 18GHz

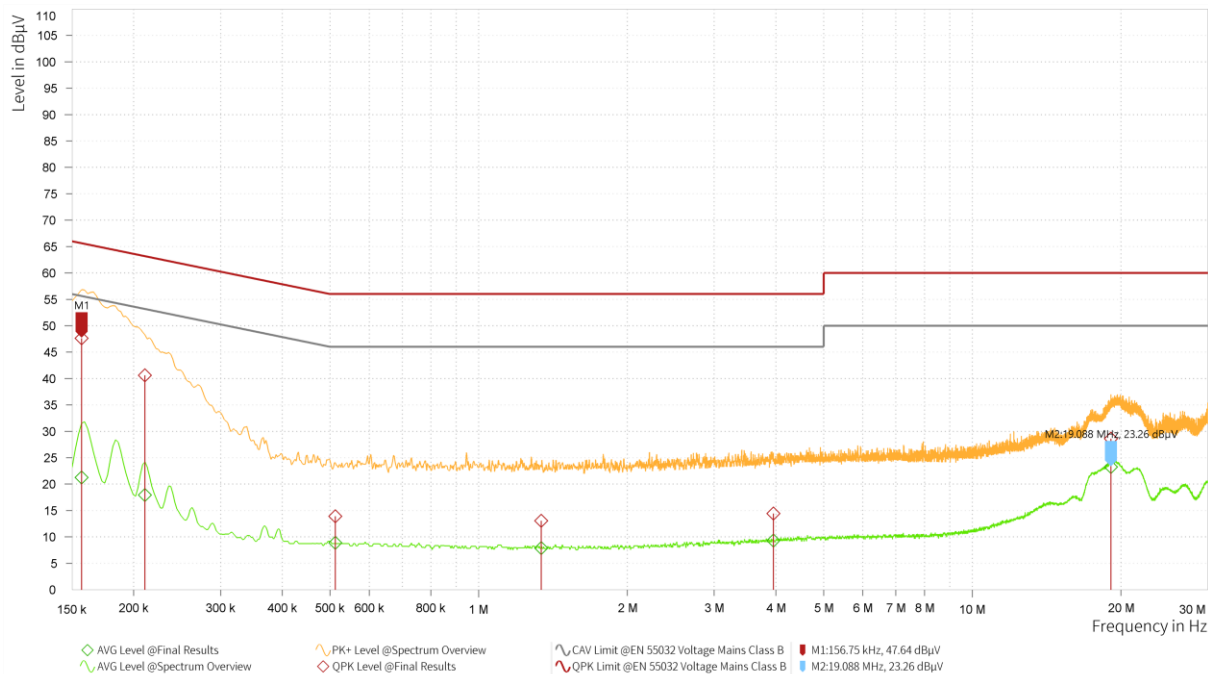
Final Result

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3755.625000	42.37	---	74.00	31.63	500.0	100.0	H	110.0	-5
3896.250000	---	31.55	54.00	22.45	500.0	200.0	H	179.0	-5
5281.875000	---	35.24	54.00	18.76	500.0	100.0	H	95.0	-1
5330.625000	46.24	---	74.00	27.76	500.0	200.0	V	27.0	-1
6819.375000	48.92	---	74.00	25.08	500.0	200.0	V	104.0	1
6877.500000	---	37.31	54.00	16.69	500.0	200.0	V	333.0	1
9352.500000	---	38.02	54.00	15.98	500.0	100.0	V	323.0	3
9810.000000	49.47	---	74.00	24.53	500.0	200.0	H	355.0	3
12695.625000	51.17	---	74.00	22.83	500.0	200.0	V	4.0	5
13333.125000	---	40.34	54.00	13.66	500.0	200.0	H	272.0	5
17062.500000	52.69	---	74.00	21.31	500.0	100.0	V	217.0	8
17587.500000	---	43.33	54.00	10.67	500.0	200.0	H	194.0	10

2. Conducted Emission

2.1. Wi-Fi 2.4GHz

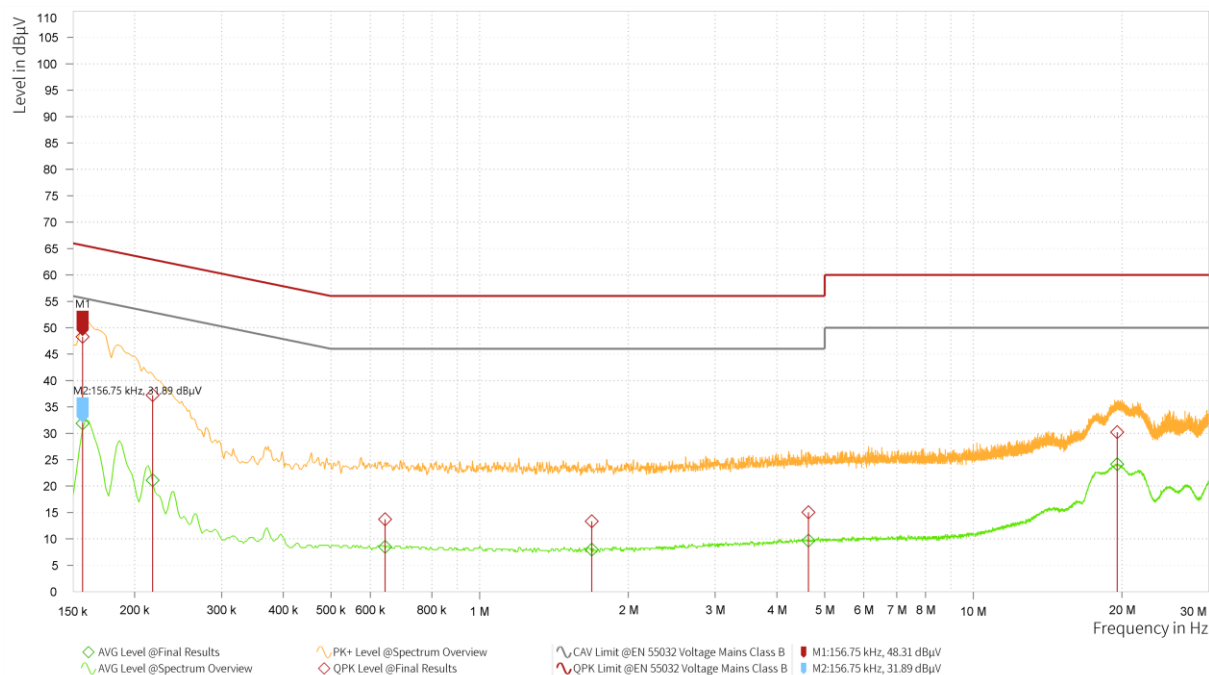
During the test, the Conducted Emission was performed in all modes with all channel. The test data of the worst-case condition was recorded in this report.



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]
0.157	47.64	65.63	17.99	21.25	55.63	34.38	20.90	L1	9.000	1.000
0.211	40.60	63.18	22.58	17.92	53.18	35.26	21.01	L1	9.000	1.000
0.512	13.92	56.00	42.08	8.85	46.00	37.15	20.77	L1	9.000	1.000
1.338	13.03	56.00	42.97	7.88	46.00	38.12	19.93	L1	9.000	1.000
3.955	14.41	56.00	41.59	9.31	46.00	36.69	19.43	L1	9.000	1.000
19.088	28.60	60.00	31.40	23.26	50.00	26.74	19.63	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]
0.157	48.31	65.63	17.32	31.89	55.63	23.74	20.91	N	9.000	1.000
0.218	37.24	62.91	25.67	21.11	52.91	31.80	21.01	N	9.000	1.000
0.643	13.70	56.00	42.30	8.48	46.00	37.52	20.64	N	9.000	1.000
1.687	13.31	56.00	42.69	7.98	46.00	38.02	19.77	N	9.000	1.000
4.634	15.03	56.00	40.97	9.69	46.00	36.31	19.42	N	9.000	1.000
19.563	30.22	60.00	29.78	24.12	50.00	25.88	19.69	N	9.000	1.000

Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 kHz to 30 MHz