

Limits

- (1) For transmitters operating in the 5725-5850 MHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
- (2) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz(68.2dBμV/m).
- (3) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz(68.2dBμV/m).
- (4) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz(68.2dBμV/m).

Note: the following formula is used to convert the EIRP to field strength

§1、 $E[\text{dB}\mu\text{V/m}] = \text{EIRP}[\text{dBm}] - 20 \log(d[\text{meters}]) + 104.77$, where E = field strength and

d = distance at which field strength limit is specified in the rules;

§2、 $E[\text{dB}\mu\text{V/m}] = \text{EIRP}[\text{dBm}] + 95.2$, for d = 3 meters

- (5) Unwanted spurious emissions fallen in restricted bands per FCC Part15.205 shall comply with the general field strength limits set forth in § 15.209 as below table.

Frequency of emission (MHz)	Field strength(μV/m)	Field strength(dBμV/m)
0.009–0.490	2400/F(kHz)	/
0.490–1.705	24000/F(kHz)	/
1.705–30.0	30	/
30-88	100	40
88-216	150	43.5
216-960	200	46
Above960	500	54

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(²)
13.36 - 13.41			

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor $k = 1.96$.

Frequency	Uncertainty
9KHz-30MHz	3.55 dB
30MHz-200MHz	4.17 dB
200MHz-1GHz	4.84 dB
1-18GHz	4.35 dB
18-26.5GHz	5.90 dB
26.5GHz~40GHz	5.92 dB

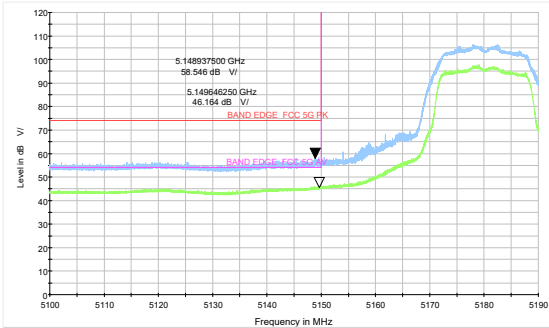
Test Results:

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

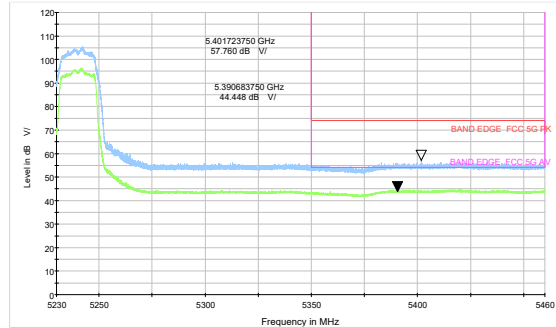
The signal beyond the limit is carrier.

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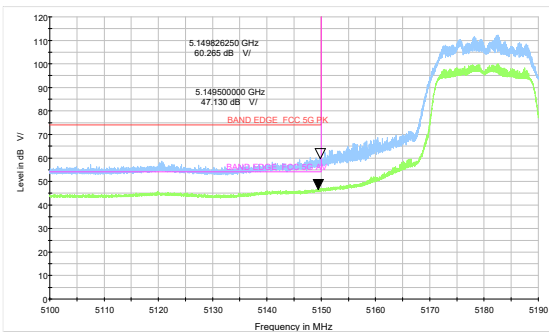
802.11a-Channel 36: Peak + Average



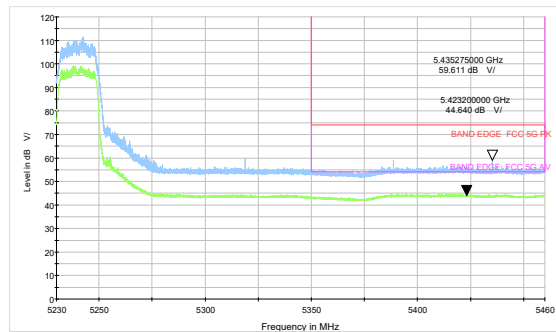
802.11a-Channel 48: Peak + Average



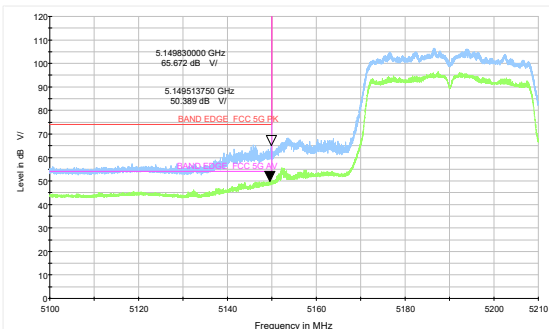
802.11ac VHT20 -Channel 36: Peak + Average



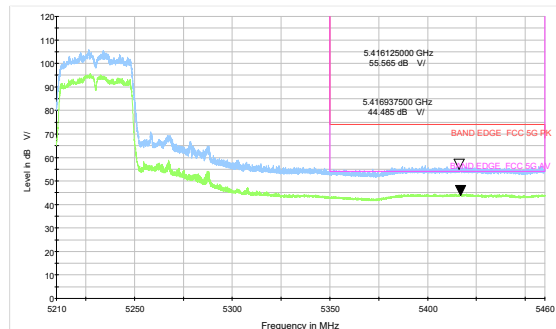
802.11ac VHT20 -Channel 48: Peak + Average



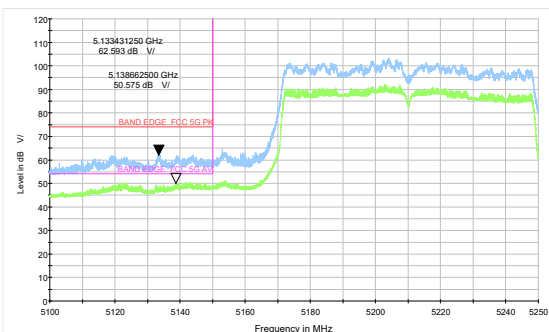
802.11ac VHT40-Channel 38: Peak + Average



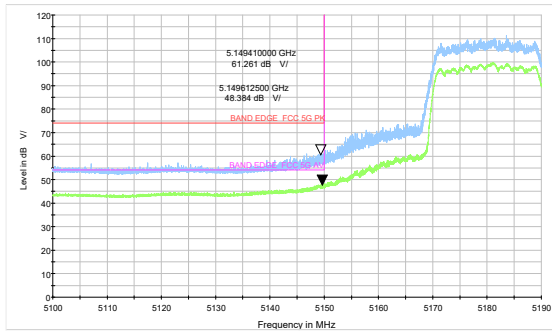
802.11ac VHT40-Channel 46: Peak + Average



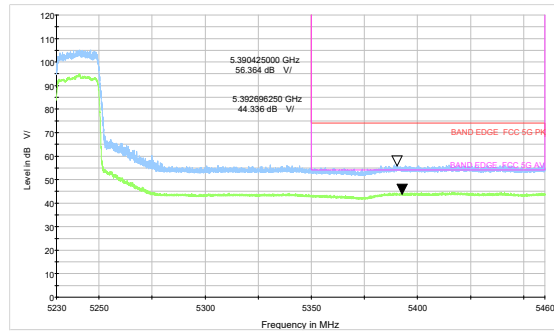
802.11ac VHT80 -Channel 42: Peak + Average



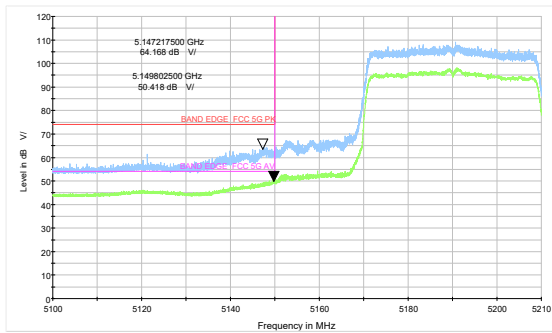
802.11ax HE20-Channel 36: Peak + Average



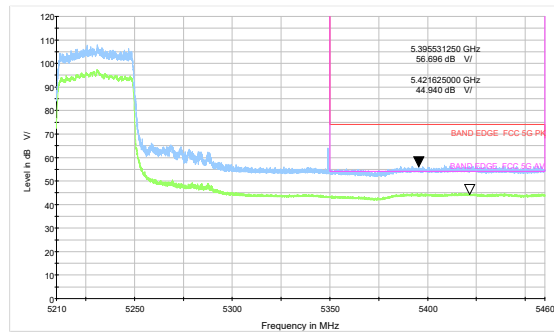
802.11ax HE20-Channel 48: Peak + Average



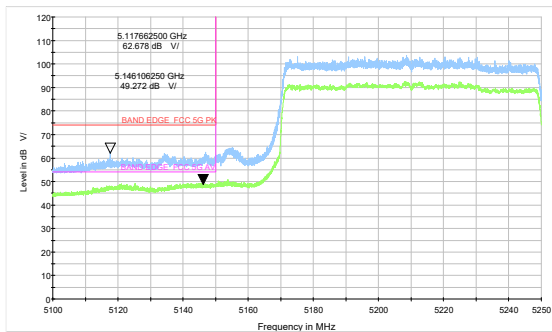
802.11ax HE40-Channel 38: Peak + Average



802.11ax HE40-Channel 46: Peak + Average

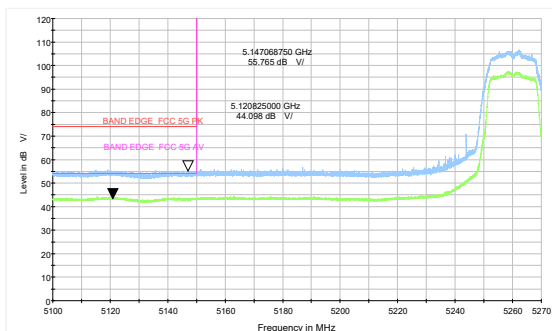


802.11ax HE80 -Channel 42: Peak + Average

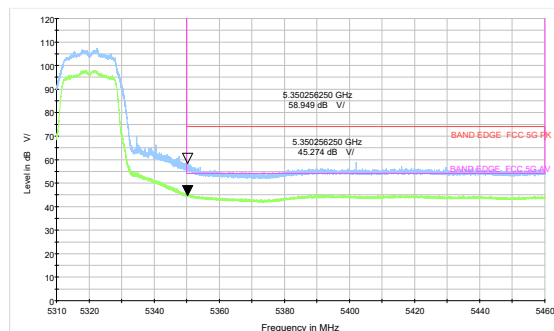


U-NII-2A

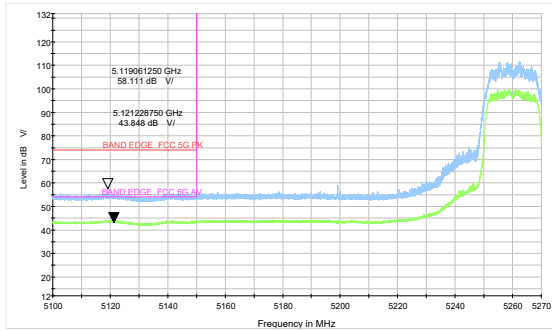
802.11a-Channel 52: Peak + Average



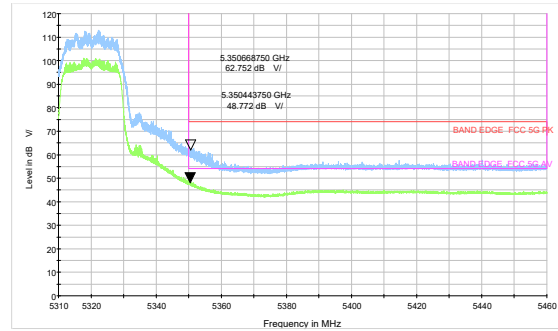
802.11a-Channel 64: Peak + Average



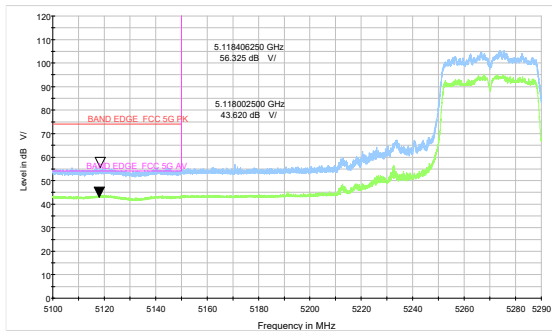
802.11ac VHT20 -Channel 52: Peak + Average



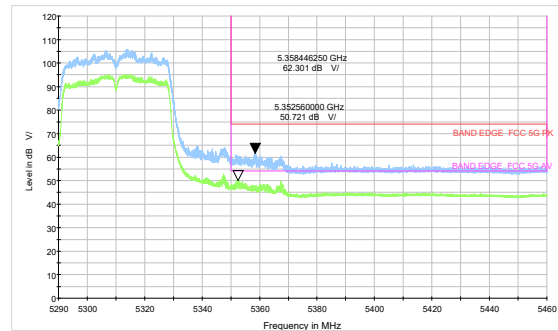
802.11ac VHT20 -Channel 64: Peak + Average



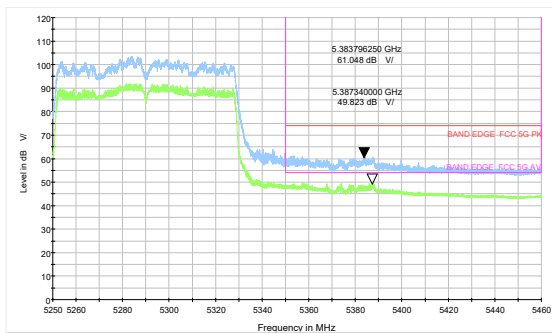
802.11ac VHT40-Channel 54: Peak + Average



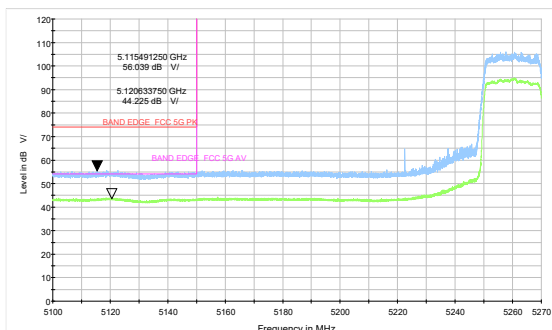
802.11ac VHT40-Channel 62: Peak + Average



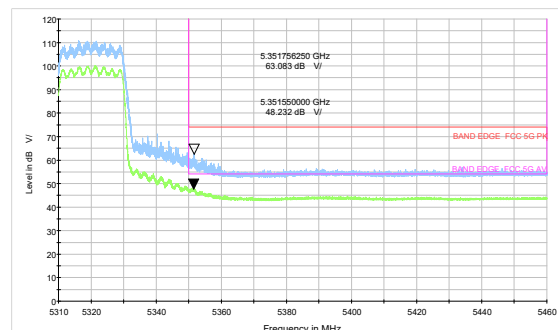
802.11ac VHT80 -Channel 58: Peak + Average



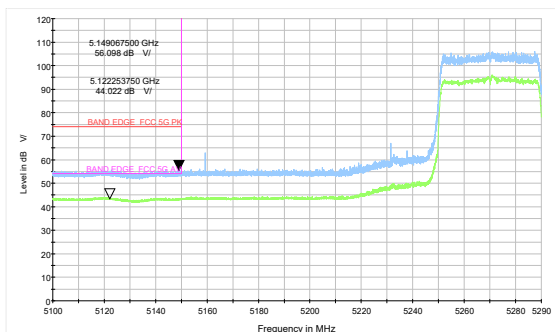
802.11ax HE20 -Channel 52: Peak + Average



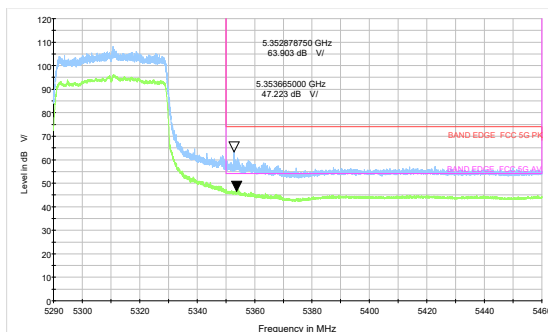
802.11ax HE20 -Channel 64: Peak + Average



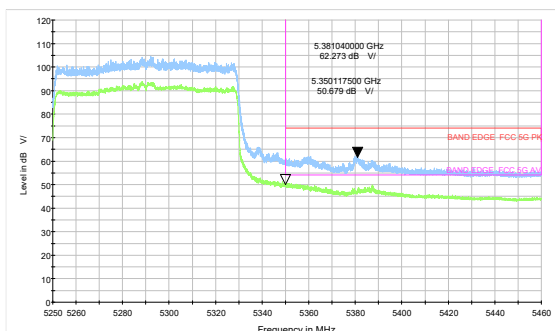
802.11ax HE40-Channel 54: Peak + Average



802.11ax HE40-Channel 62: Peak + Average

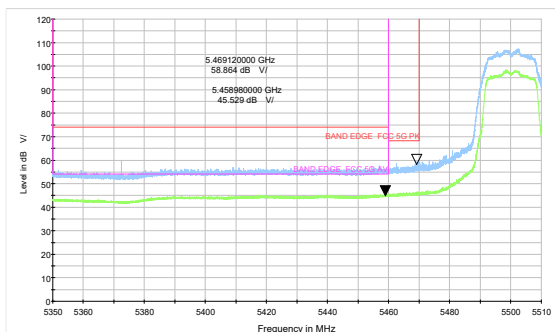


802.11ax HE80 -Channel 58: Peak + Average

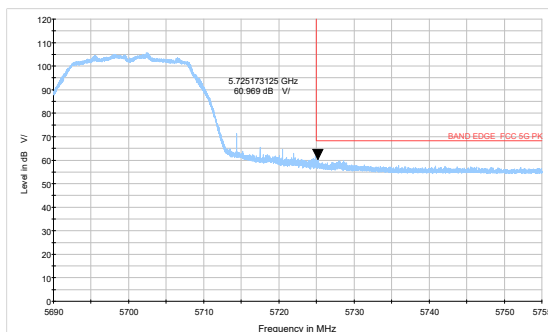


U-NII-2C

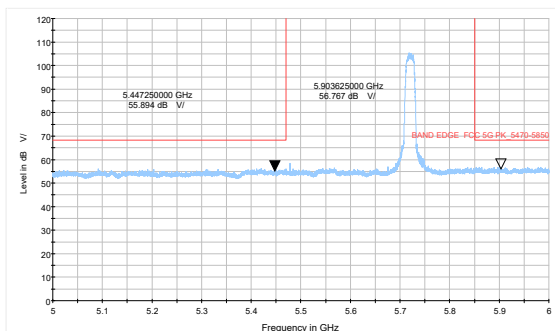
802.11a-Channel 100: Peak + Average



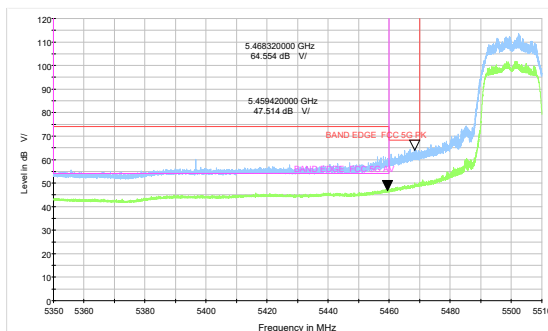
802.11a-Channel 140: Peak



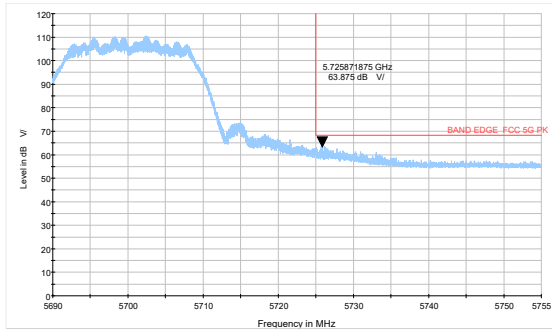
802.11a-Channel 144: Peak



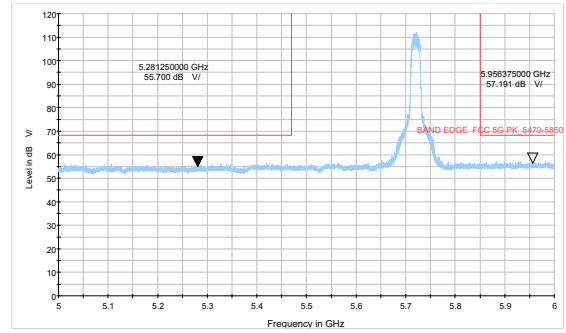
802.11ac VHT20 -Channel 100: Peak + Average



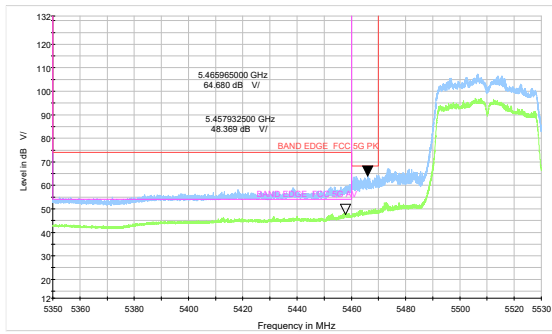
802.11ac VHT20 -Channel 140: Peak



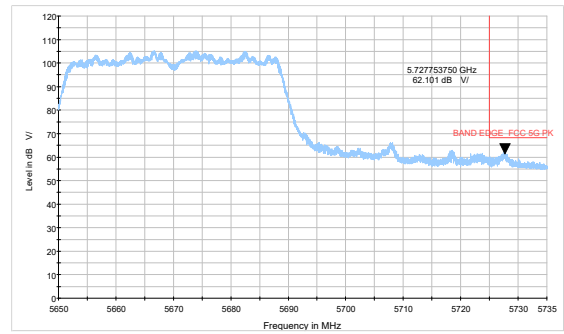
802.11ac VHT20 -Channel 144: Peak



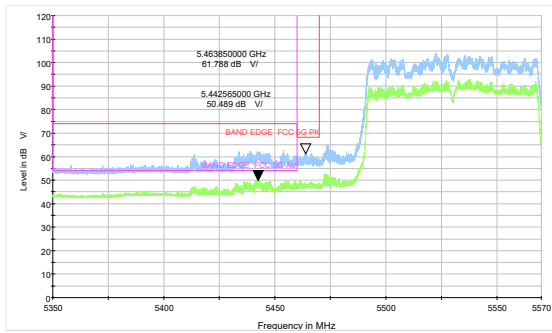
802.11ac VHT40-Channel 102: Peak + Average



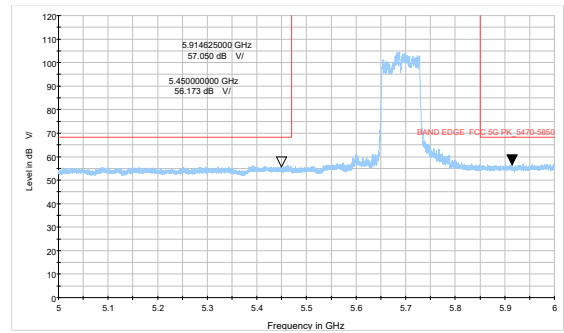
802.11ac VHT40-Channel 134: Peak



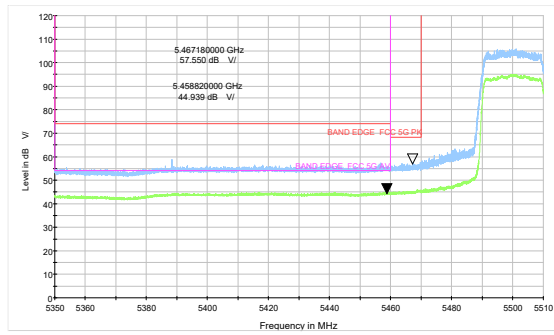
802.11ac VHT80-Channel 106: Peak + Average



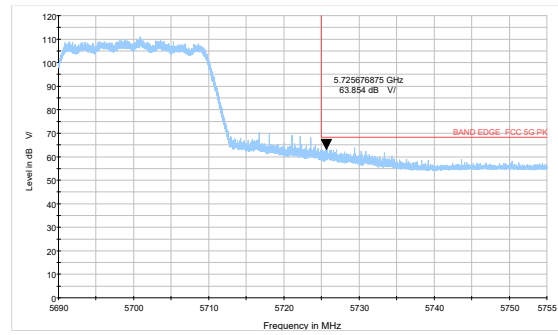
802.11ac VHT80-Channel 138: Peak



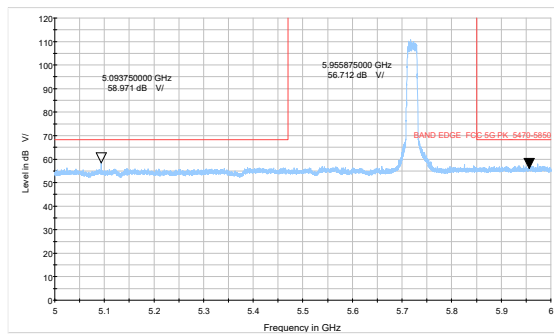
802.11ax HE20 -Channel 100: Peak + Average



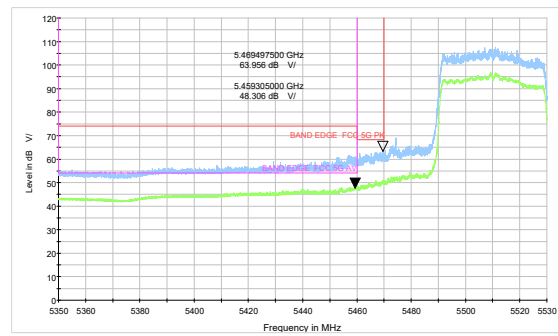
802.11ax HE20-Channel 140: Peak



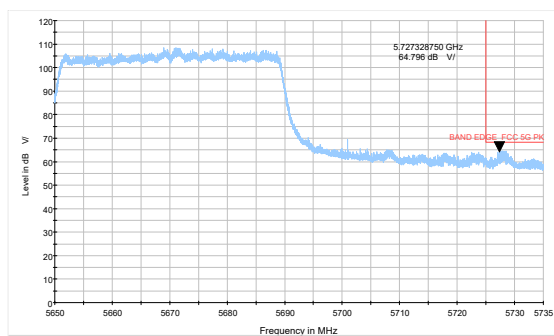
802.11ax HE20-Channel 144: Peak



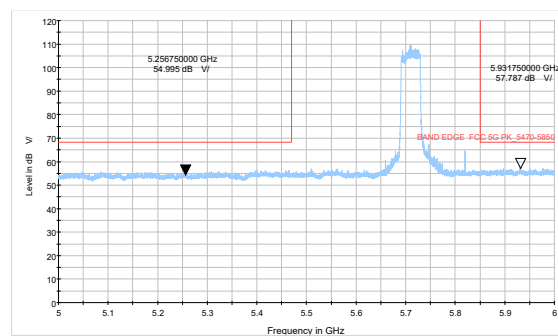
802.11ax HE40-Channel 102: Peak + Average



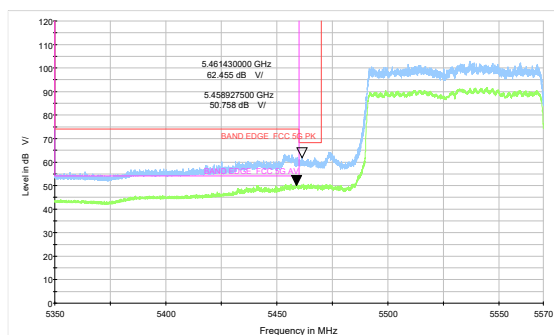
802.11ax HE40-Channel 134: Peak



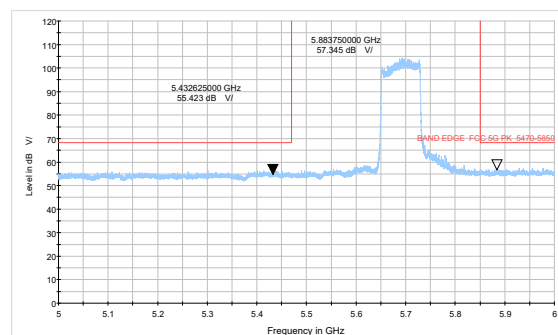
802.11ax HE40-Channel 142: Peak



802.11ax HE80-Channel 106: Peak + Average

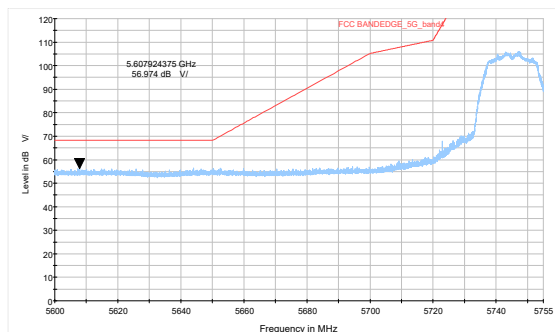


802.11ax HE80-Channel 138: Peak

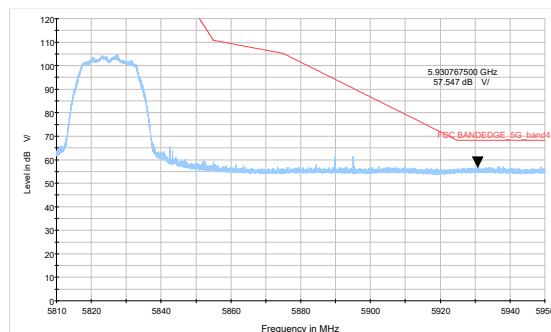


U-NII-3

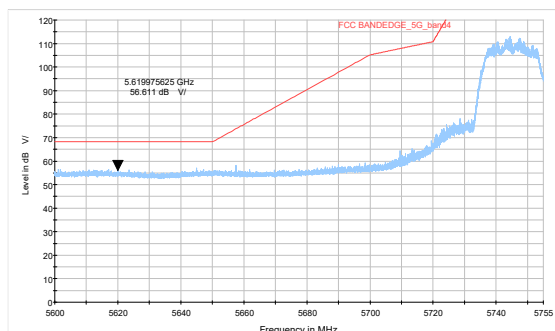
802.11a-Channel 149: Peak



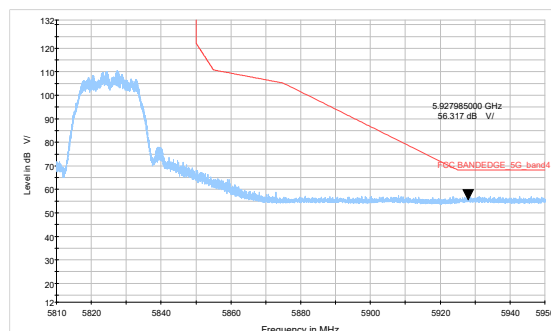
802.11a-Channel 165: Peak



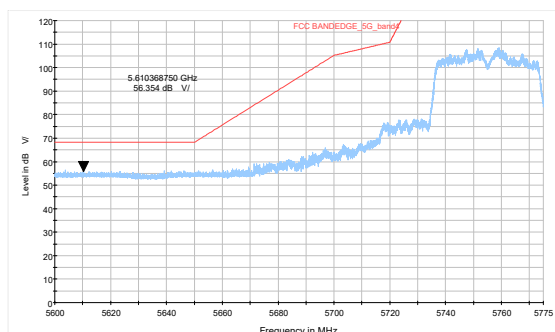
802.11ac VHT20-Channel 149: Peak



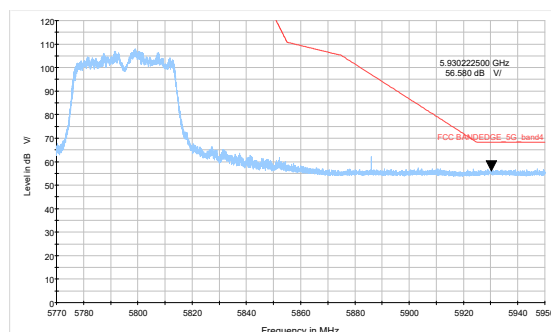
802.11ac VHT20-Channel 165: Peak



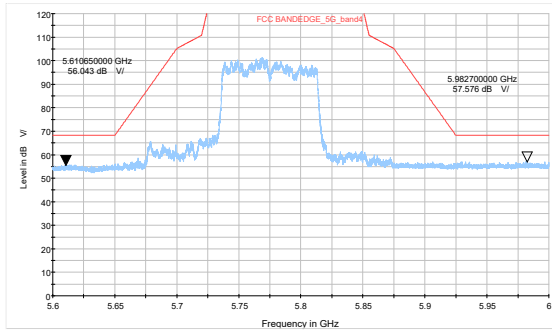
802.11ac VHT40-Channel 151: Peak



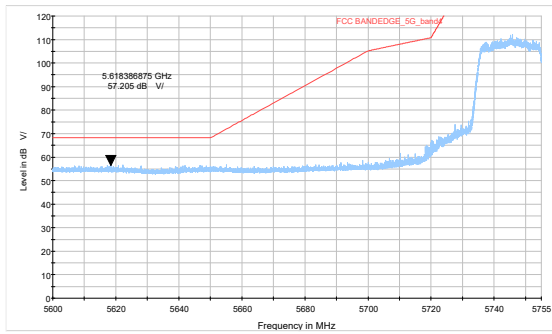
802.11ac VHT40-Channel 159: Peak



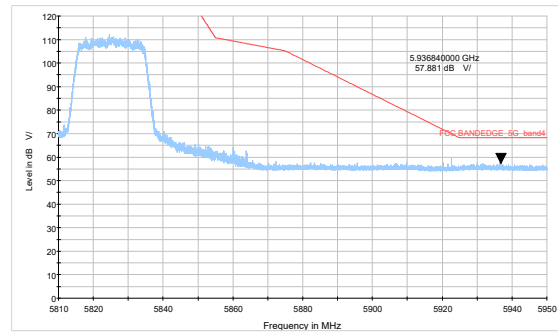
802.11ac VHT80- Channel 155: Peak



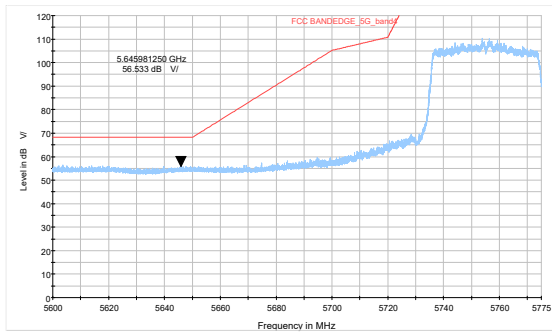
802.11ax HE20-Channel 149: Peak



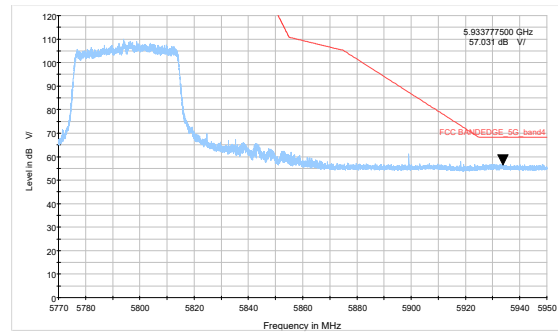
802.11ax HE20-Channel 165: Peak



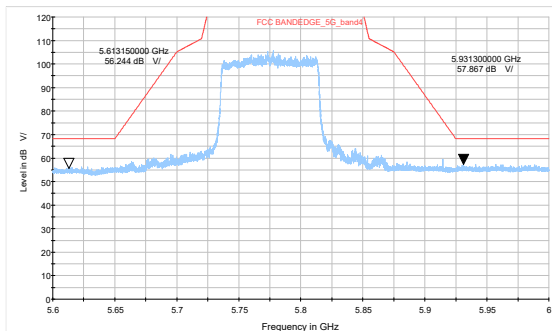
802.11ax HE40-Channel 151: Peak



802.11ax HE40-Channel 159: Peak



802.11ax HE80- Channel 155: Peak



Result of RE

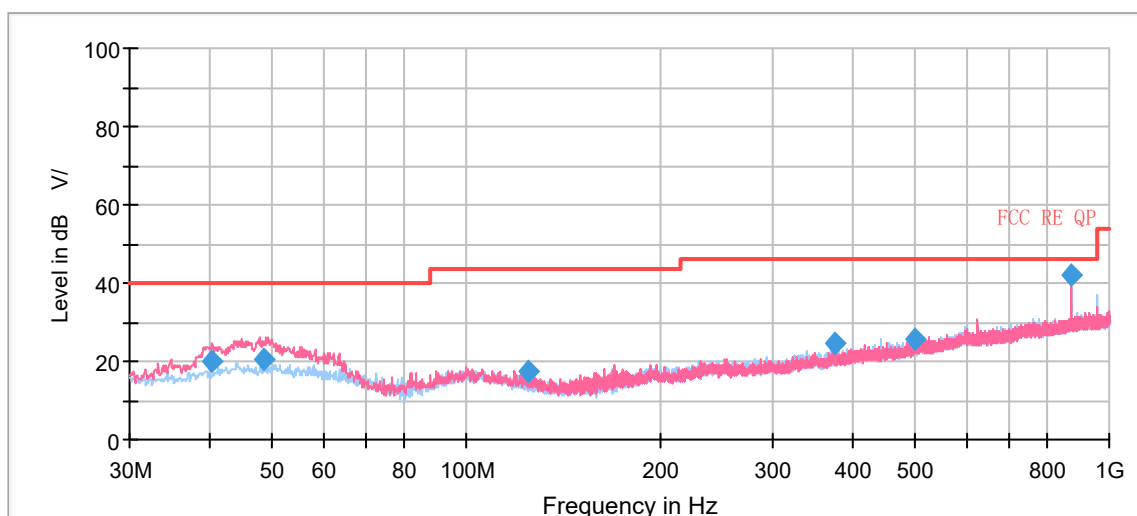
Test result

Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier, the Emissions in the frequency band 9kHz-30MHz are more than 20dB below the limit are not reported.

A symbol (dB V/) in the test plot below means (dBμV/m)

During the test, the Radiates Emission from 30MHz to 1GHz was performed in all modes with all channels, 802.11ax (HE40), Channel 118 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.

Continuous TX mode:



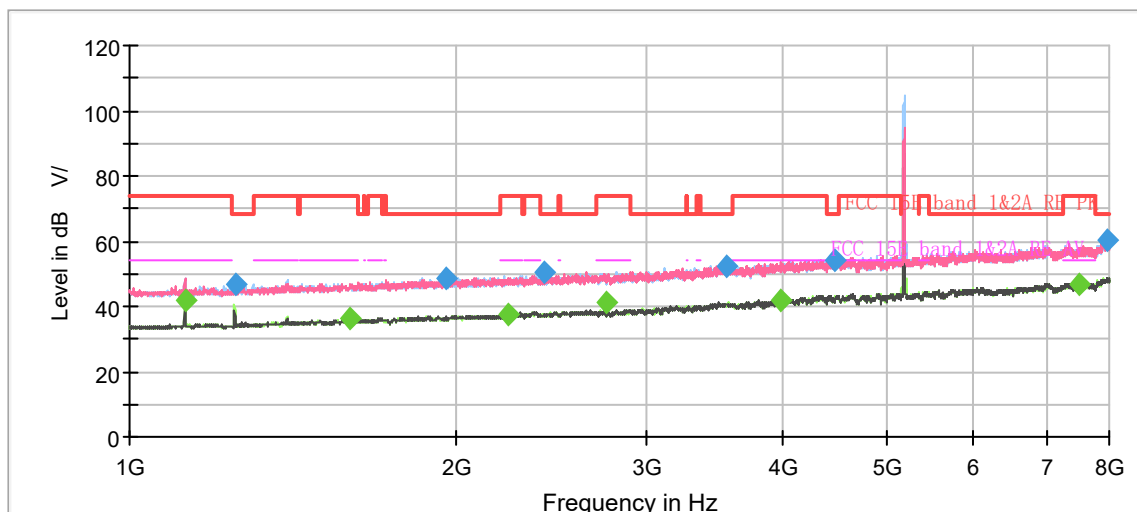
Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
40.300000	19.91	40.00	20.09	100.0	V	0.0	19.6
48.675000	20.40	40.00	19.60	125.0	V	344.0	20.6
124.978750	17.53	43.50	25.97	100.0	V	312.0	15.7
374.996250	24.60	46.00	21.40	100.0	H	132.0	22.4
500.005000	25.59	46.00	20.41	207.0	H	288.0	24.8
874.991250	42.02	46.00	3.98	100.0	H	275.0	29.9

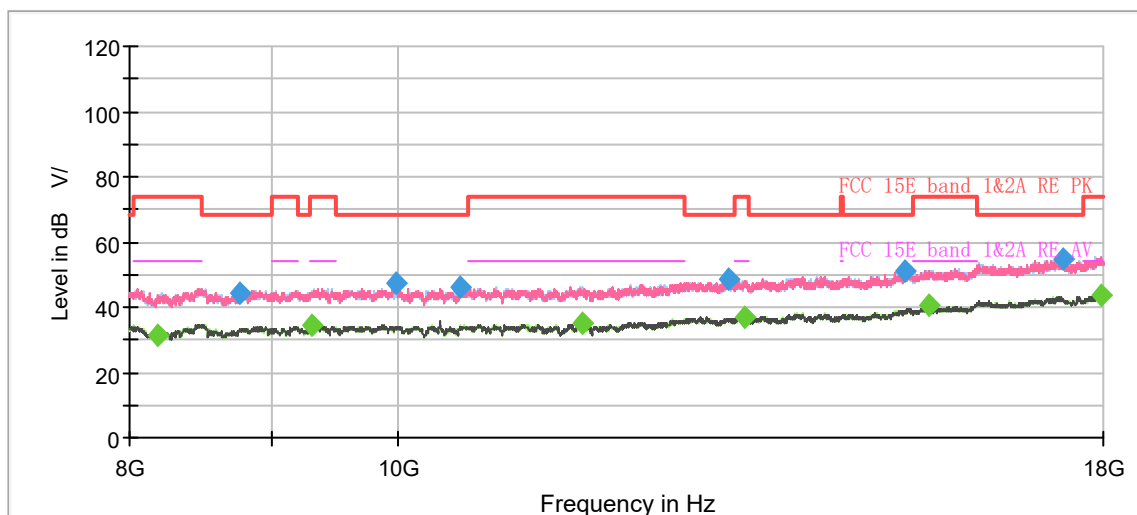
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit – Quasi-Peak

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Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



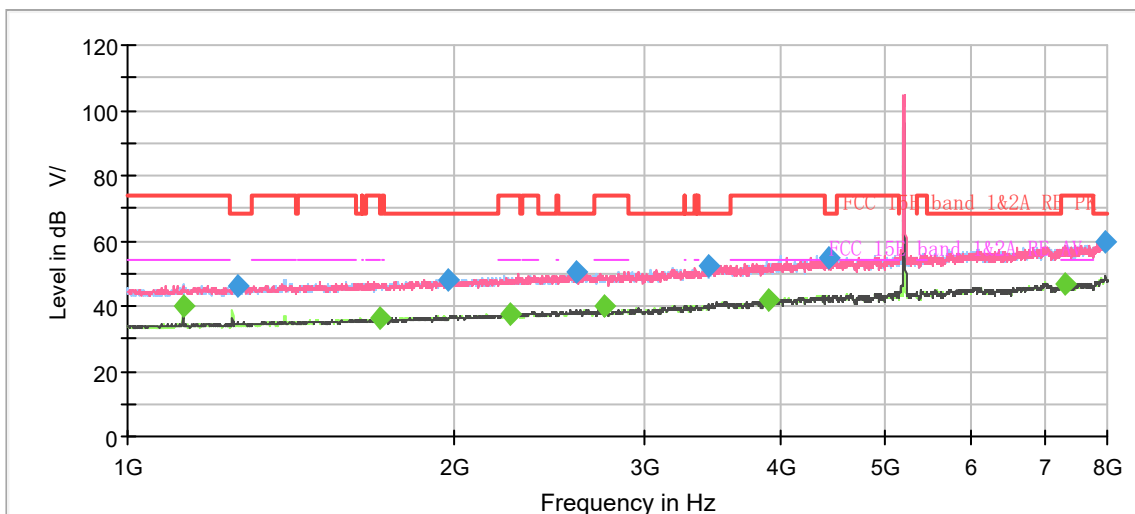
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	41.97	54.00	12.03	500.0	200.0	H	74.0	4.0
1250.250000	47.06	---	68.20	21.14	500.0	100.0	H	75.0	4.8
1597.625000	---	36.14	54.00	17.86	500.0	200.0	H	138.0	6.8
1958.125000	48.89	---	68.20	19.31	500.0	200.0	V	18.0	8.4
2238.125000	---	37.25	54.00	16.75	500.0	100.0	V	121.0	9.6
2414.000000	50.69	---	68.20	17.51	500.0	100.0	H	352.0	10.1
2750.000000	---	40.95	54.00	13.05	500.0	200.0	V	3.0	10.9
3556.750000	52.29	---	68.20	15.91	500.0	200.0	H	84.0	13.9
3975.875000	---	41.84	54.00	12.16	500.0	200.0	H	256.0	14.5
4471.125000	54.01	---	68.20	14.19	500.0	100.0	H	317.0	15.8
7498.625000	---	47.08	54.00	6.92	500.0	100.0	V	237.0	21.3
7981.625000	60.25	---	68.20	7.95	500.0	200.0	V	32.0	23.6

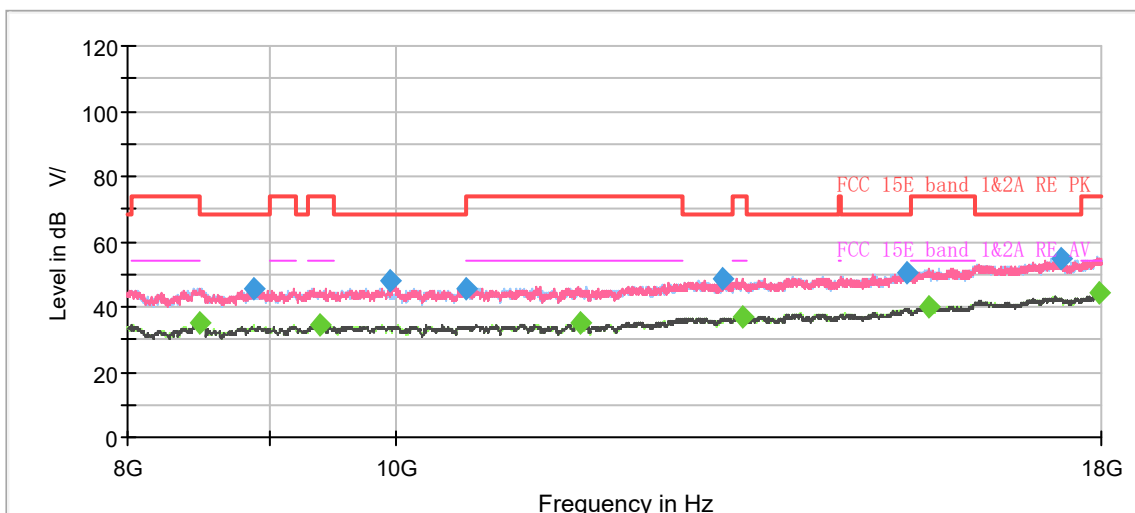
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11a CH40



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



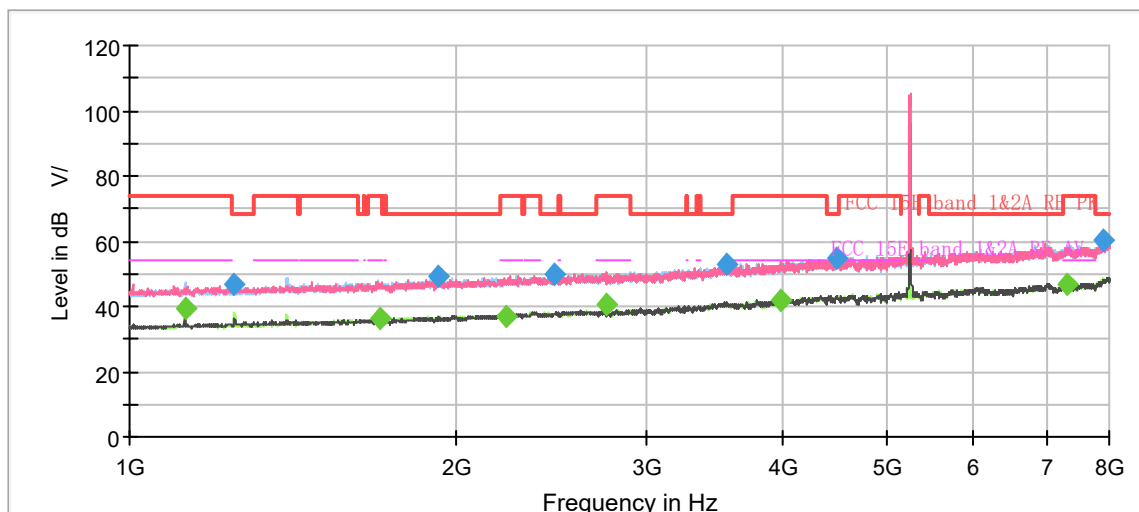
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	39.91	54.00	14.09	500.0	200.0	H	78.0	4.0
1266.000000	46.13	---	68.20	22.07	500.0	100.0	V	0.0	4.9
1707.000000	---	36.03	54.00	17.97	500.0	200.0	H	329.0	7.4
1975.625000	48.14	---	68.20	20.06	500.0	100.0	H	97.0	8.5
2249.500000	---	37.24	54.00	16.76	500.0	200.0	V	329.0	9.5
2593.375000	50.26	---	68.20	17.94	500.0	200.0	H	114.0	10.7
2750.000000	---	40.26	54.00	13.74	500.0	200.0	V	348.0	10.9
3436.000000	52.49	---	68.20	15.71	500.0	200.0	V	229.0	13.1
3906.750000	---	41.90	54.00	12.10	500.0	200.0	H	58.0	14.3
4425.625000	54.80	---	68.20	13.40	500.0	200.0	H	34.0	16.0
7303.500000	---	46.98	54.00	7.02	500.0	100.0	V	136.0	21.2
7978.125000	59.99	---	68.20	8.21	500.0	200.0	H	49.0	23.6

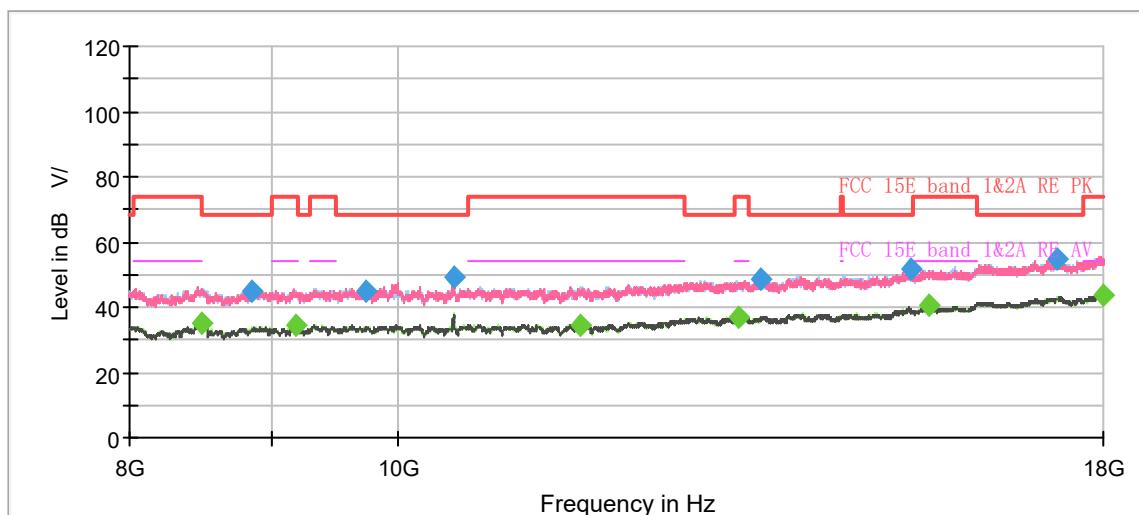
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11a CH48



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



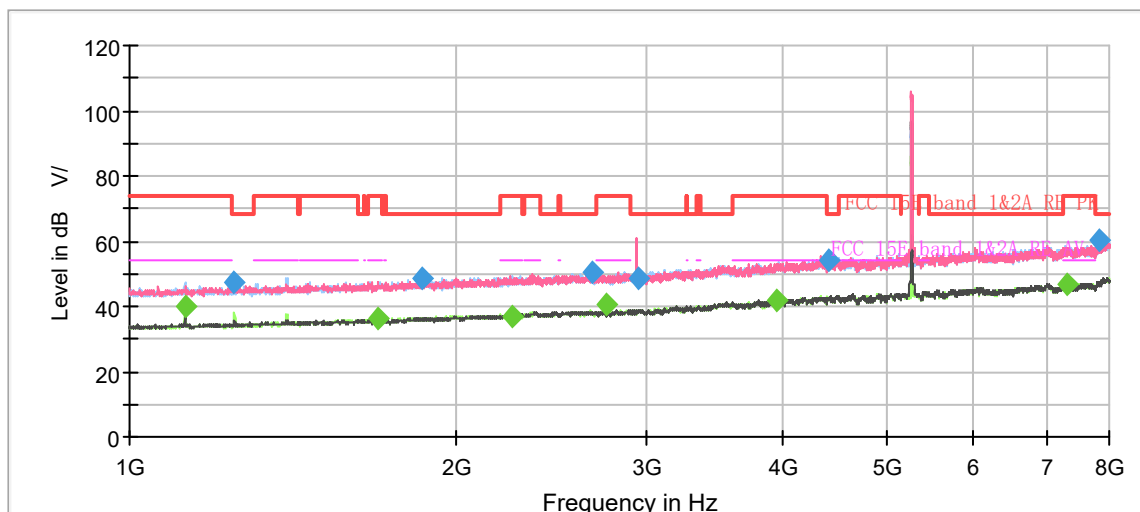
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	39.59	54.00	14.41	500.0	200.0	H	295.0	4.0
1249.375000	46.98	---	68.20	21.22	500.0	200.0	H	37.0	4.8
1698.250000	---	36.11	54.00	17.89	500.0	200.0	H	184.0	7.4
1927.500000	49.22	---	68.20	18.98	500.0	100.0	V	50.0	8.4
2221.500000	---	37.06	54.00	16.94	500.0	100.0	V	269.0	9.3
2468.250000	49.96	---	68.20	18.24	500.0	200.0	H	143.0	10.3
2750.000000	---	40.60	54.00	13.40	500.0	200.0	V	354.0	10.9
3544.500000	53.14	---	68.20	15.06	500.0	200.0	V	359.0	14.1
3976.750000	---	41.70	54.00	12.30	500.0	100.0	H	202.0	14.5
4493.875000	55.07	---	68.20	13.13	500.0	100.0	H	228.0	15.9
7306.125000	---	46.94	54.00	7.06	500.0	200.0	V	275.0	21.3
7895.875000	60.18	---	68.20	8.02	500.0	100.0	V	339.0	23.4

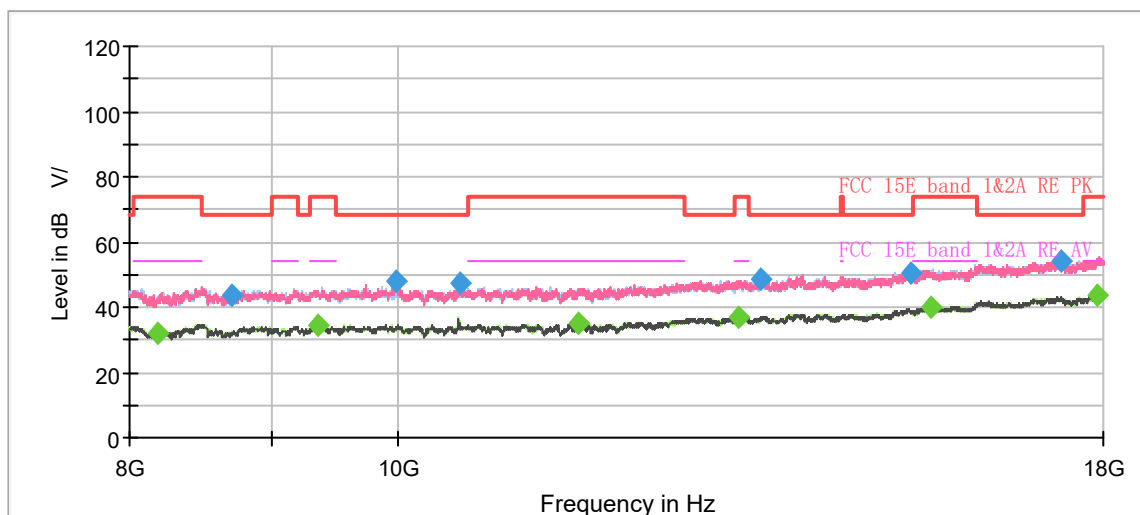
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11a CH52



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



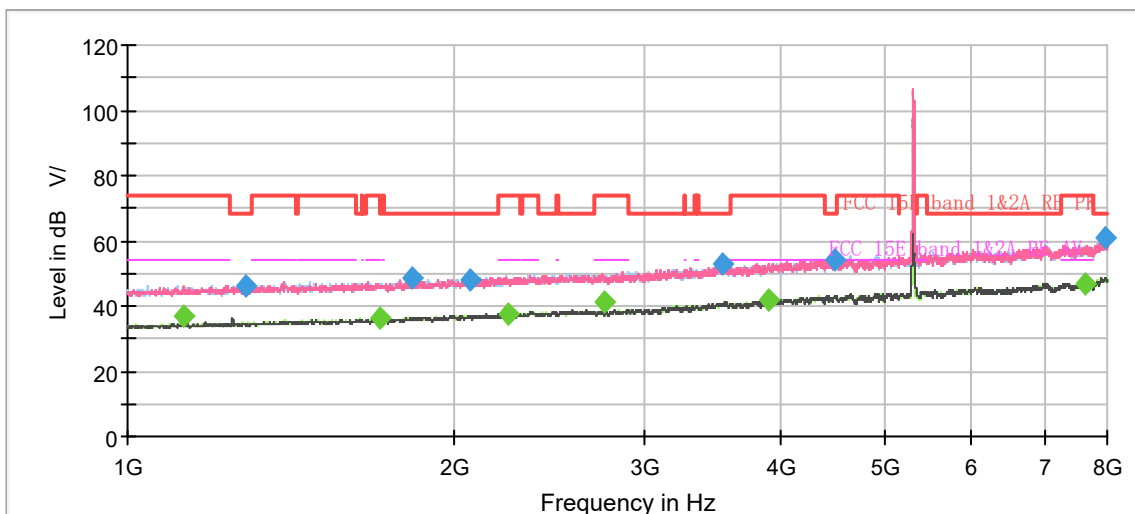
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	39.80	54.00	14.20	500.0	200.0	H	74.0	4.0
1249.375000	47.25	---	68.20	20.95	500.0	200.0	V	333.0	4.8
1696.500000	---	36.29	54.00	17.71	500.0	100.0	H	62.0	7.4
1857.500000	48.73	---	68.20	19.47	500.0	100.0	H	283.0	8.0
2256.500000	---	36.95	54.00	17.05	500.0	100.0	V	138.0	9.5
2667.750000	50.18	---	68.20	18.02	500.0	200.0	H	184.0	10.8
2750.000000	---	40.34	54.00	13.66	500.0	200.0	V	354.0	10.9
2939.000000	48.41	---	68.20	19.79	500.0	100.0	H	107.0	11.7
3952.250000	---	41.87	54.00	12.13	500.0	100.0	H	132.0	14.4
4417.750000	54.19	---	68.20	14.01	500.0	100.0	V	37.0	16.0
7304.375000	---	47.01	54.00	6.99	500.0	200.0	H	44.0	21.2
7837.250000	60.07	---	68.20	8.13	500.0	200.0	V	286.0	23.2

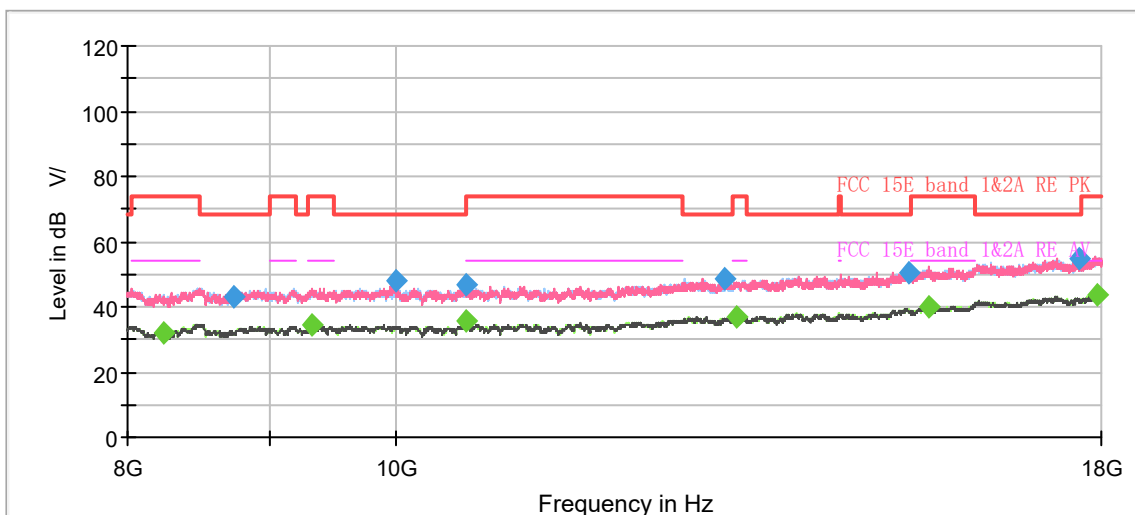
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11a CH60



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



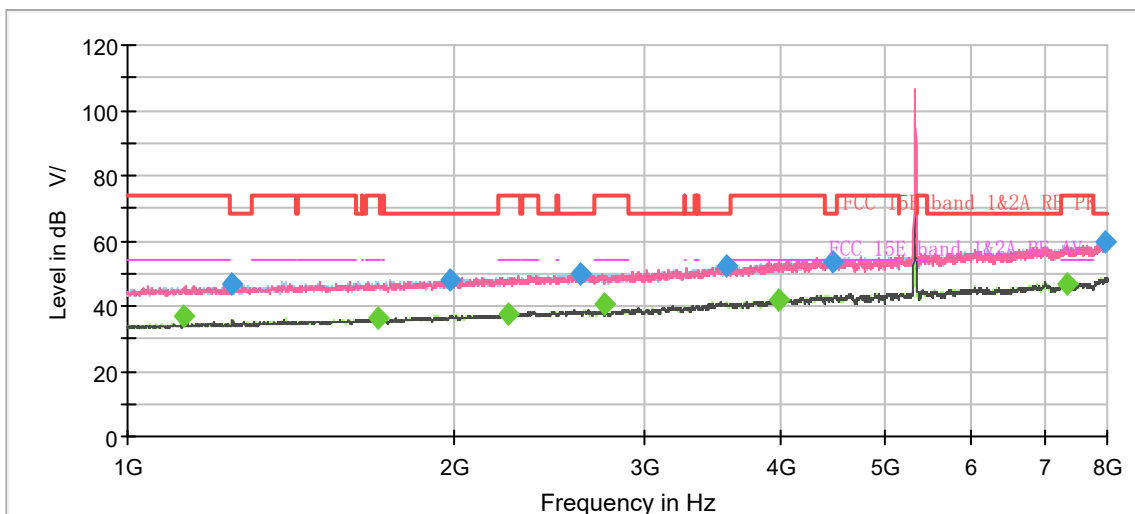
Radiates Emission from 8GHz to 18GHz

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)
1125.125000	---	37.11	54.00	16.89	500.0	200.0	H	255.0	4.0
1286.125000	46.38	---	68.20	21.82	500.0	100.0	V	271.0	5.0
1709.625000	---	36.06	54.00	17.94	500.0	200.0	V	265.0	7.5
1826.875000	48.43	---	68.20	19.77	500.0	200.0	V	312.0	7.7
2069.250000	48.08	---	68.20	20.12	500.0	200.0	V	148.0	8.8
2241.625000	---	37.45	54.00	16.55	500.0	200.0	H	6.0	9.6
2750.000000	---	41.11	54.00	12.89	500.0	200.0	V	0.0	10.9
3528.750000	52.77	---	68.20	15.43	500.0	200.0	H	16.0	14.0
3900.625000	---	41.88	54.00	12.12	500.0	100.0	H	265.0	14.3
4478.125000	54.15	---	68.20	14.05	500.0	100.0	H	182.0	15.8
7636.000000	---	46.96	54.00	7.04	500.0	100.0	H	289.0	21.8
7960.625000	60.65	---	68.20	7.55	500.0	200.0	H	72.0	23.6

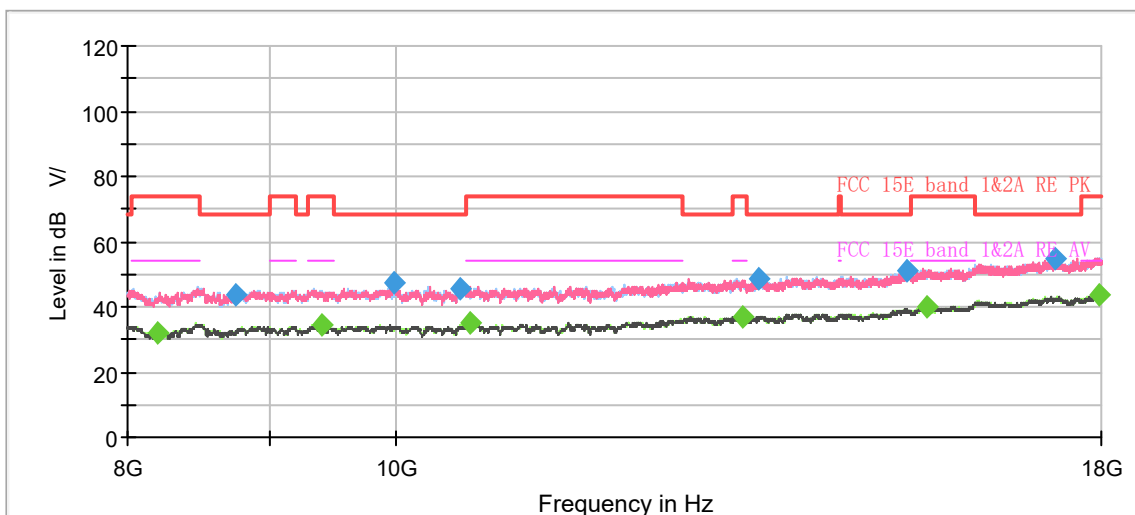
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11a CH64



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



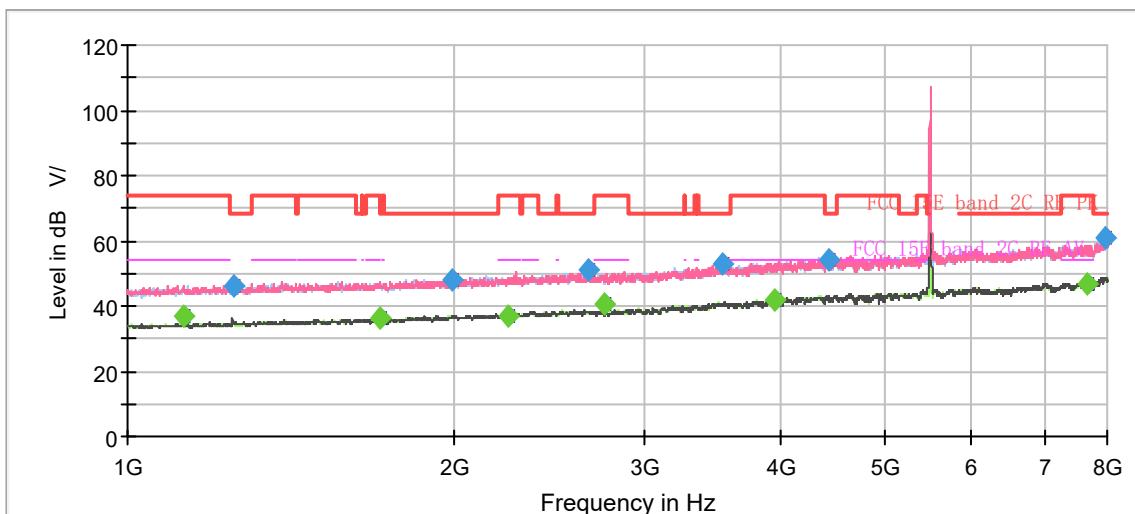
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	36.86	54.00	17.14	500.0	200.0	H	301.0	4.0
1248.500000	46.93	---	68.20	21.27	500.0	200.0	H	56.0	4.8
1702.625000	---	36.05	54.00	17.95	500.0	100.0	H	70.0	7.4
1986.125000	47.81	---	68.20	20.39	500.0	100.0	H	17.0	8.7
2241.625000	---	37.52	54.00	16.48	500.0	100.0	H	214.0	9.6
2610.000000	49.92	---	68.20	18.28	500.0	200.0	H	8.0	10.7
2750.000000	---	40.37	54.00	13.63	500.0	200.0	V	0.0	10.9
3569.875000	52.30	---	68.20	15.90	500.0	200.0	H	47.0	13.8
3975.875000	---	41.87	54.00	12.13	500.0	200.0	H	310.0	14.5
4473.750000	53.50	---	68.20	14.70	500.0	200.0	H	90.0	15.8
7335.875000	---	46.93	54.00	7.07	500.0	100.0	H	80.0	21.2
7963.250000	59.63	---	68.20	8.57	500.0	200.0	H	220.0	23.6

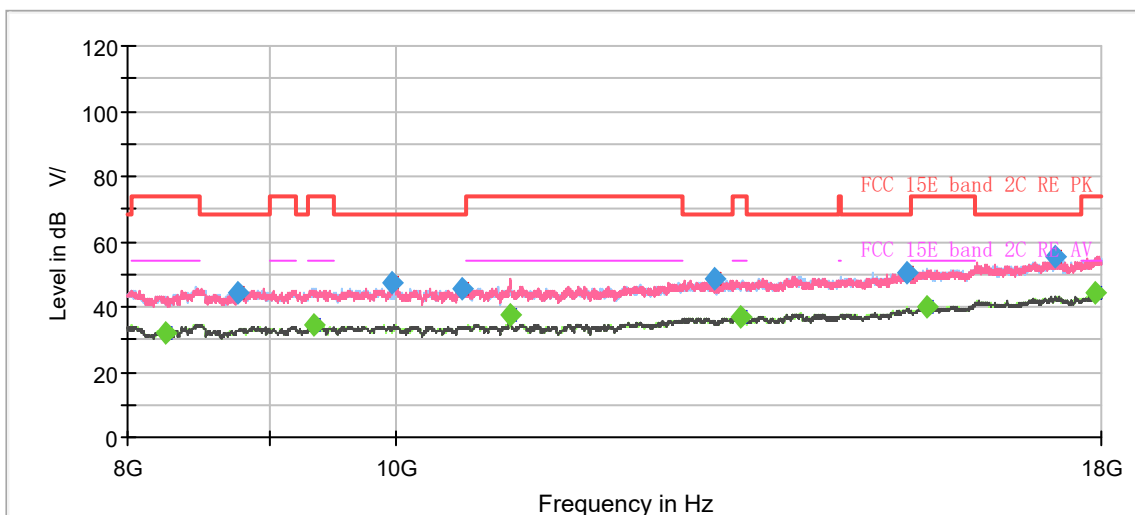
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11a CH100



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



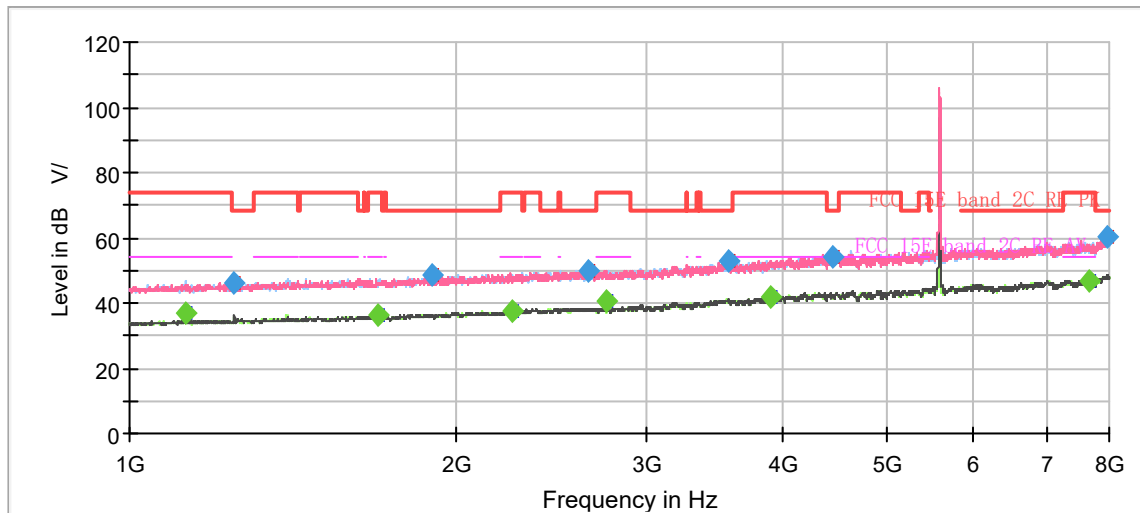
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	36.95	54.00	17.05	500.0	200.0	H	297.0	4.0
1250.250000	46.08	---	68.20	22.12	500.0	100.0	V	146.0	4.8
1706.125000	---	36.03	54.00	17.97	500.0	100.0	V	300.0	7.4
1992.250000	48.24	---	68.20	19.96	500.0	100.0	H	102.0	8.7
2239.000000	---	36.92	54.00	17.08	500.0	200.0	H	306.0	9.6
2659.000000	50.83	---	68.20	17.37	500.0	100.0	H	126.0	10.8
2750.000000	---	40.32	54.00	13.68	500.0	200.0	V	9.0	10.9
3535.750000	53.09	---	68.20	15.11	500.0	200.0	V	196.0	14.1
3954.000000	---	41.96	54.00	12.04	500.0	100.0	V	189.0	14.4
4427.375000	54.00	---	68.20	14.20	500.0	200.0	V	19.0	15.9
7664.875000	---	46.95	54.00	7.05	500.0	200.0	V	5.0	22.0
7975.500000	60.64	---	68.20	7.56	500.0	100.0	V	0.0	23.6

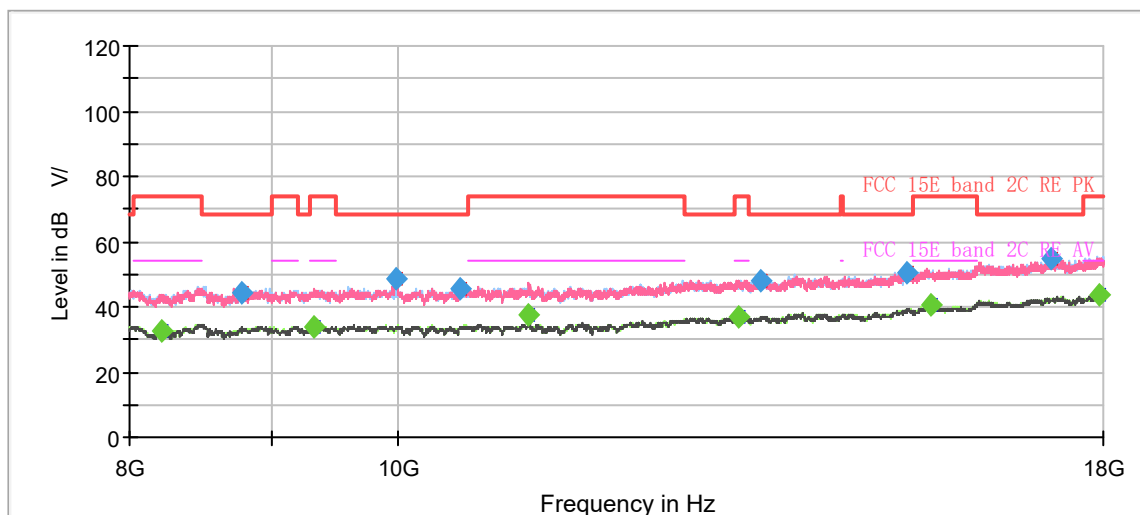
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11a CH116



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



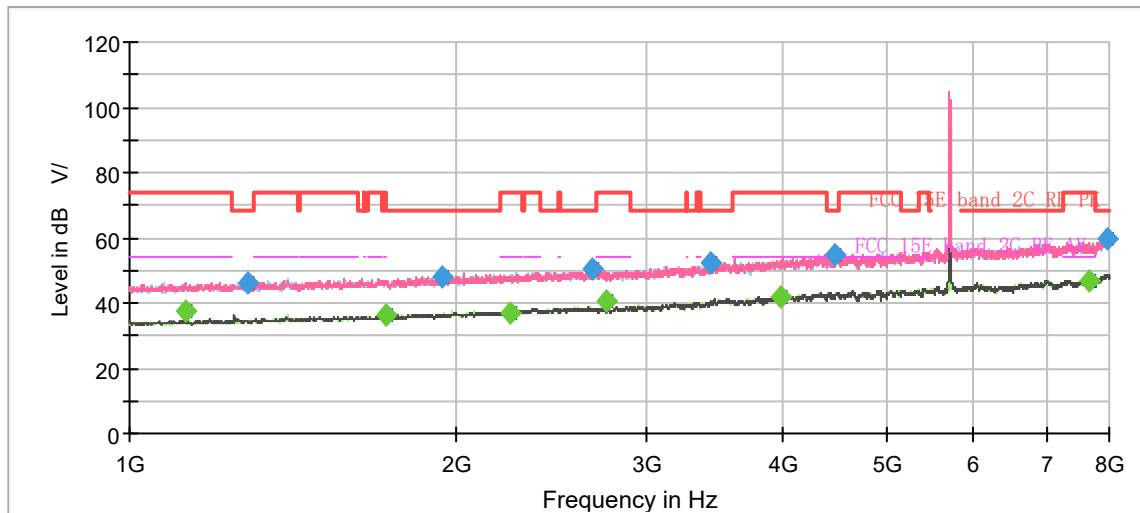
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	36.98	54.00	17.02	500.0	200.0	H	297.0	4.0
1249.375000	46.23	---	68.20	21.97	500.0	200.0	H	81.0	4.8
1695.625000	---	36.04	54.00	17.96	500.0	100.0	V	324.0	7.4
1901.250000	48.38	---	68.20	19.82	500.0	200.0	V	0.0	8.0
2249.500000	---	37.64	54.00	16.36	500.0	200.0	V	46.0	9.5
2649.375000	50.12	---	68.20	18.08	500.0	200.0	H	307.0	10.9
2750.000000	---	40.47	54.00	13.53	500.0	200.0	V	2.0	10.9
3566.375000	52.82	---	68.20	15.38	500.0	100.0	V	0.0	13.8
3901.500000	---	41.90	54.00	12.10	500.0	200.0	H	152.0	14.3
4447.500000	54.28	---	68.20	13.92	500.0	100.0	V	78.0	15.7
7671.000000	---	47.00	54.00	7.00	500.0	100.0	H	72.0	22.1
7965.875000	60.54	---	68.20	7.66	500.0	200.0	V	189.0	23.6

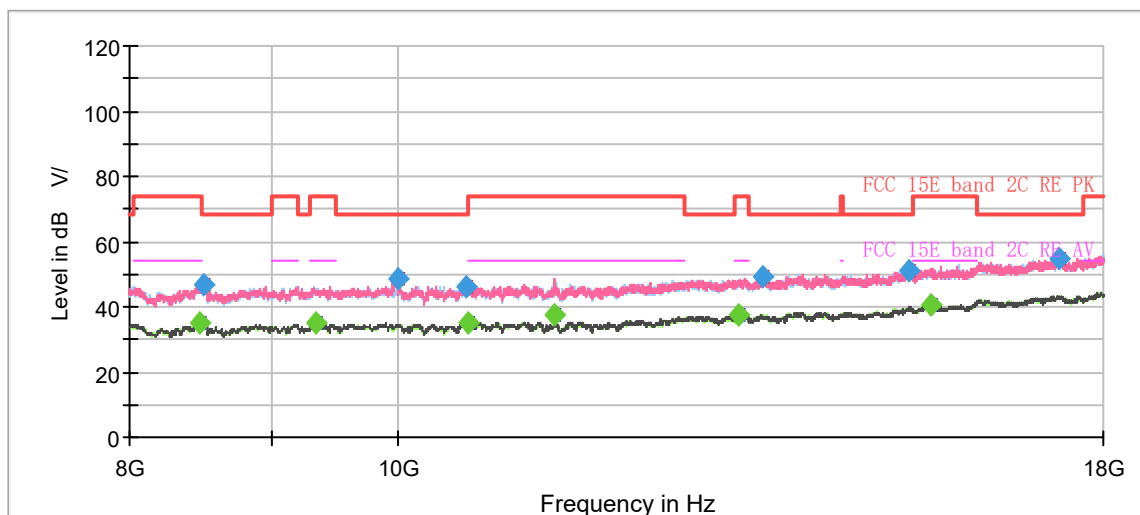
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11a CH140



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



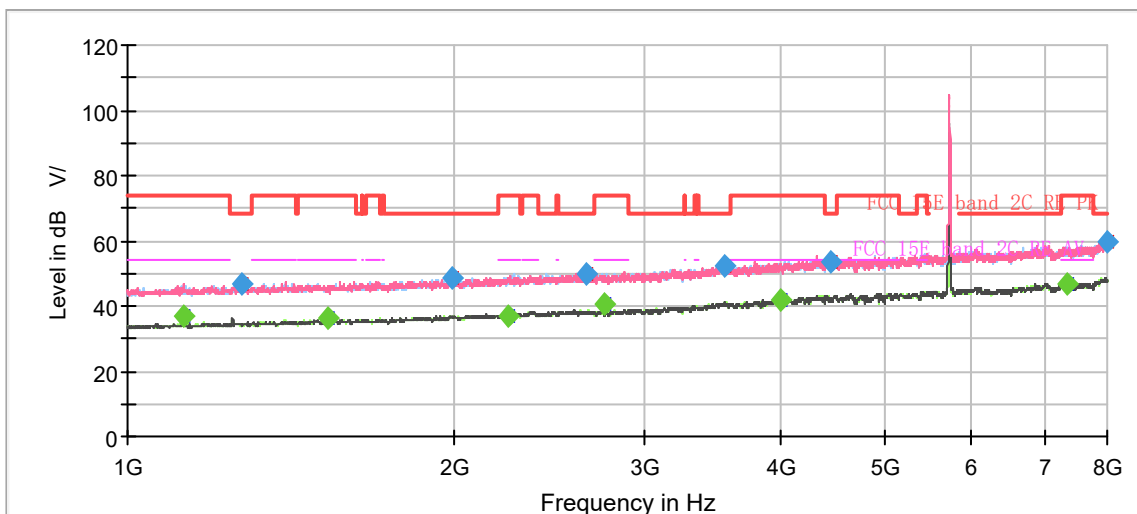
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	37.29	54.00	16.71	500.0	200.0	H	300.0	4.0
1284.375000	46.24	---	68.20	21.96	500.0	100.0	V	331.0	5.0
1721.000000	---	36.06	54.00	17.94	500.0	200.0	H	300.0	7.4
1940.625000	48.27	---	68.20	19.93	500.0	100.0	V	284.0	8.3
2239.000000	---	36.95	54.00	17.05	500.0	100.0	H	227.0	9.6
2666.875000	50.24	---	68.20	17.96	500.0	200.0	H	358.0	10.8
2750.000000	---	40.81	54.00	13.19	500.0	200.0	V	351.0	10.9
3436.000000	52.25	---	68.20	15.95	500.0	200.0	H	275.0	13.1
3978.500000	---	42.04	54.00	11.96	500.0	100.0	V	256.0	14.5
4464.125000	54.52	---	68.20	13.68	500.0	200.0	H	358.0	15.8
7664.875000	---	47.03	54.00	6.97	500.0	200.0	H	164.0	22.0
7951.000000	59.99	---	68.20	8.21	500.0	100.0	H	354.0	23.5

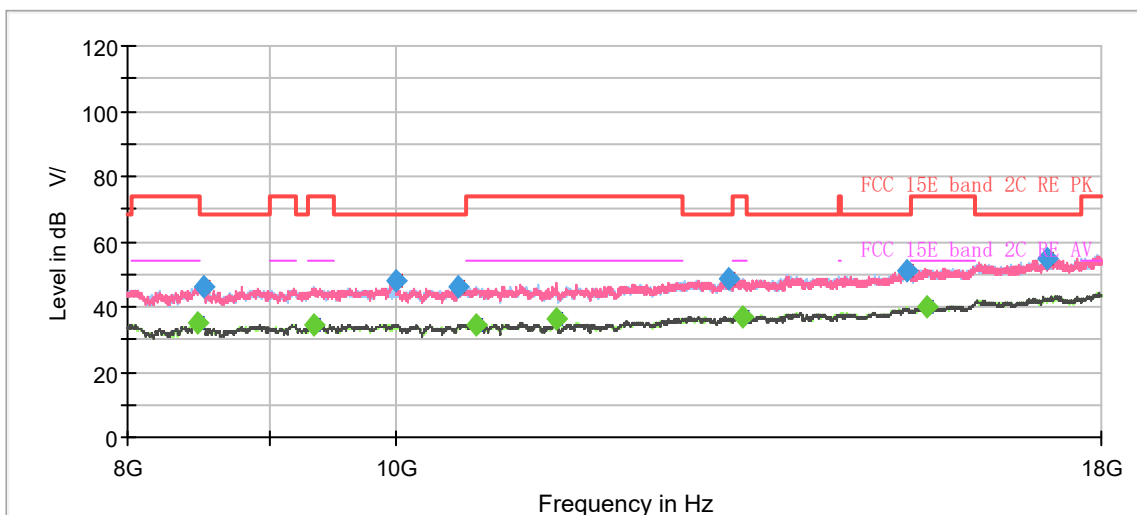
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11a CH144



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



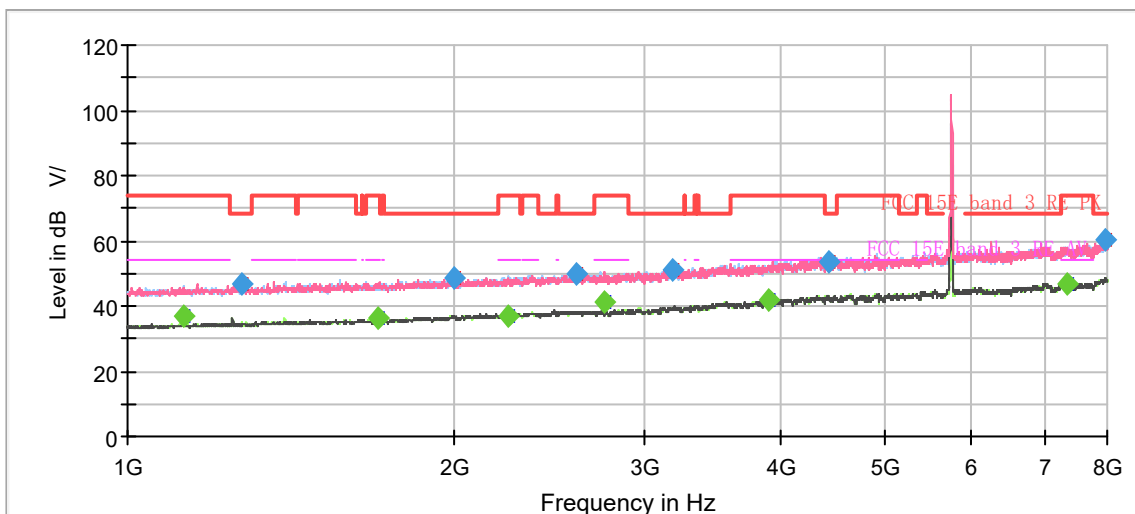
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	37.17	54.00	16.83	500.0	200.0	H	301.0	4.0
1276.500000	46.71	---	68.20	21.49	500.0	200.0	V	301.0	5.0
1532.875000	---	36.07	54.00	17.93	500.0	100.0	V	161.0	6.6
1988.750000	48.63	---	68.20	19.57	500.0	100.0	H	160.0	8.7
2246.875000	---	37.15	54.00	16.85	500.0	200.0	H	277.0	9.5
2651.125000	50.06	---	68.20	18.14	500.0	100.0	H	175.0	10.9
2750.000000	---	40.71	54.00	13.29	500.0	200.0	V	0.0	10.9
3547.125000	52.06	---	68.20	16.14	500.0	200.0	V	336.0	14.0
3999.500000	---	41.92	54.00	12.08	500.0	100.0	V	337.0	14.6
4444.875000	53.85	---	68.20	14.35	500.0	100.0	V	337.0	15.8
7360.375000	---	46.81	54.00	7.19	500.0	100.0	V	171.0	21.1
8000.000000	59.93	---	68.20	8.27	500.0	200.0	H	197.0	23.6

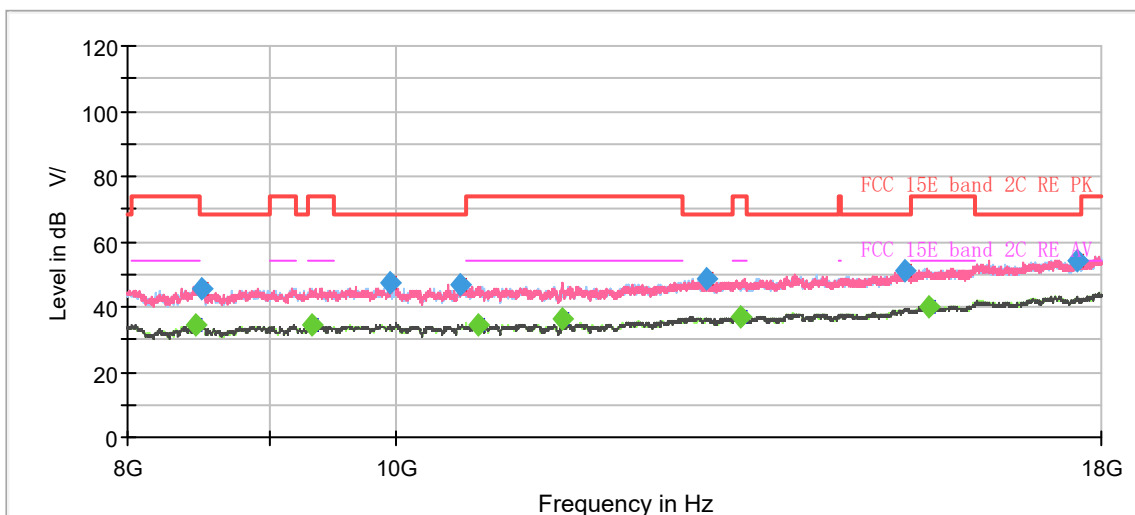
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11a CH149



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



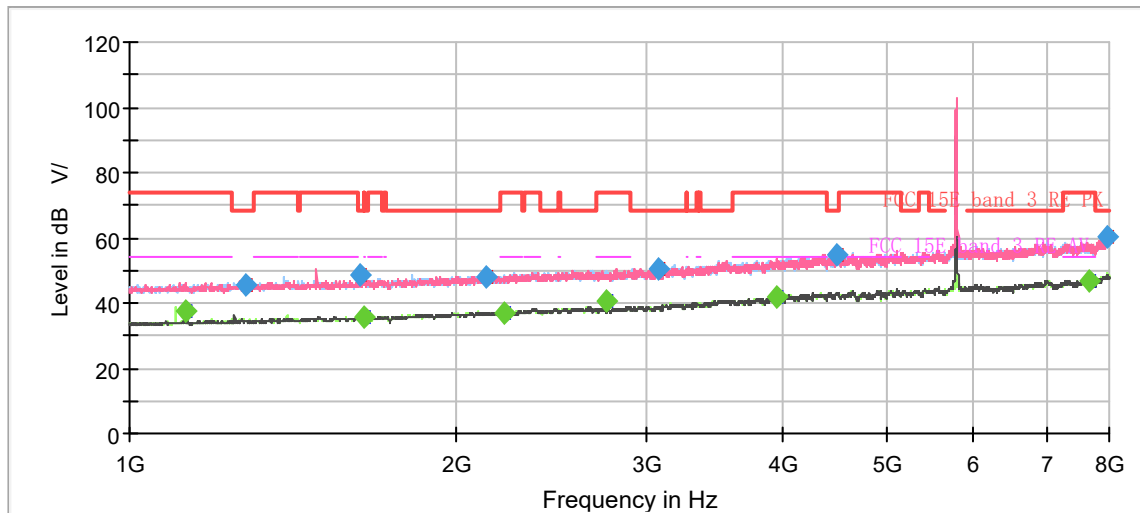
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	37.05	54.00	16.95	500.0	200.0	H	296.0	4.0
1274.750000	46.69	---	68.20	21.51	500.0	200.0	H	296.0	5.0
1699.125000	---	36.13	54.00	17.87	500.0	200.0	V	78.0	7.4
1997.500000	48.64	---	68.20	19.56	500.0	100.0	H	209.0	8.6
2240.750000	---	37.16	54.00	16.84	500.0	100.0	H	52.0	9.6
2594.250000	49.68	---	68.20	18.52	500.0	100.0	V	240.0	10.7
2750.000000	---	41.30	54.00	12.70	500.0	200.0	V	0.0	10.9
3178.750000	50.80	---	68.20	17.40	500.0	200.0	V	2.0	12.5
3899.750000	---	41.83	54.00	12.17	500.0	200.0	V	137.0	14.3
4429.125000	53.82	---	68.20	14.38	500.0	100.0	H	16.0	15.9
7335.000000	---	46.90	54.00	7.10	500.0	100.0	H	81.0	21.2
7955.375000	60.23	---	68.20	7.97	500.0	100.0	H	81.0	23.6

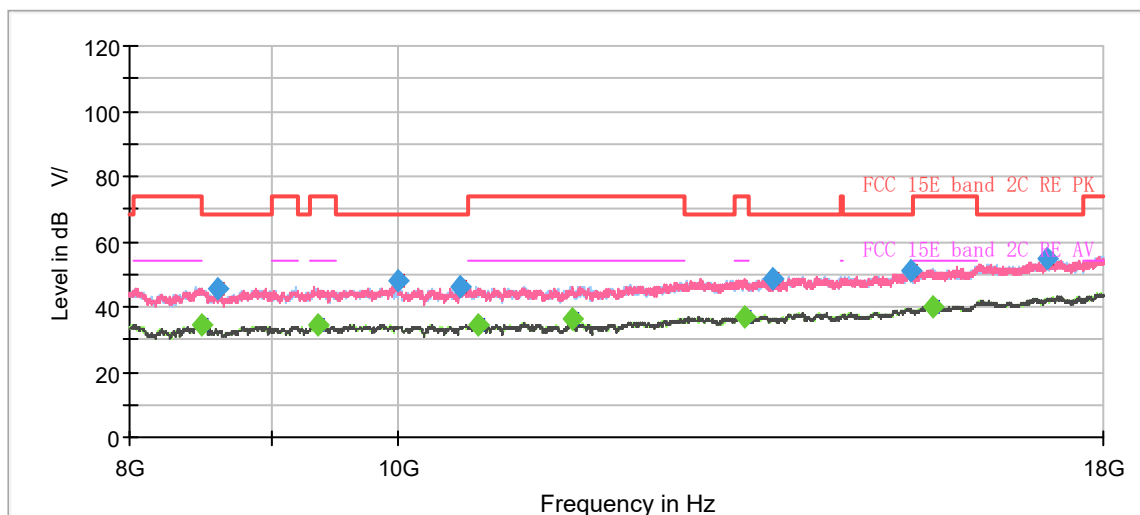
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11a CH157



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



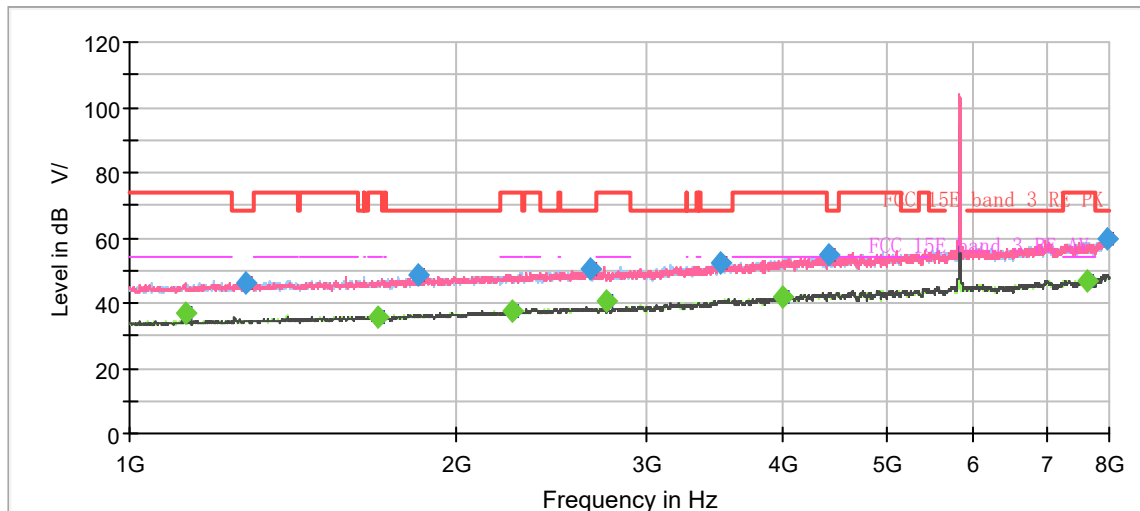
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	37.39	54.00	16.61	500.0	200.0	H	303.0	4.0
1281.750000	45.44	---	68.20	22.76	500.0	200.0	H	0.0	5.0
1630.875000	48.38	---	68.20	19.82	500.0	200.0	H	349.0	7.0
1645.750000	---	35.92	54.00	18.08	500.0	100.0	V	351.0	6.9
2130.500000	47.77	---	68.20	20.43	500.0	100.0	V	0.0	9.1
2211.875000	---	36.92	54.00	17.08	500.0	200.0	H	344.0	9.3
2750.000000	---	40.31	54.00	13.69	500.0	200.0	V	0.0	10.9
3079.000000	50.29	---	68.20	17.91	500.0	100.0	V	260.0	12.0
3954.875000	---	41.70	54.00	12.30	500.0	200.0	V	121.0	14.4
4479.000000	54.47	---	68.20	13.73	500.0	100.0	V	181.0	15.8
7661.375000	---	46.89	54.00	7.11	500.0	200.0	H	151.0	22.0
7973.750000	60.42	---	68.20	7.78	500.0	200.0	H	315.0	23.6

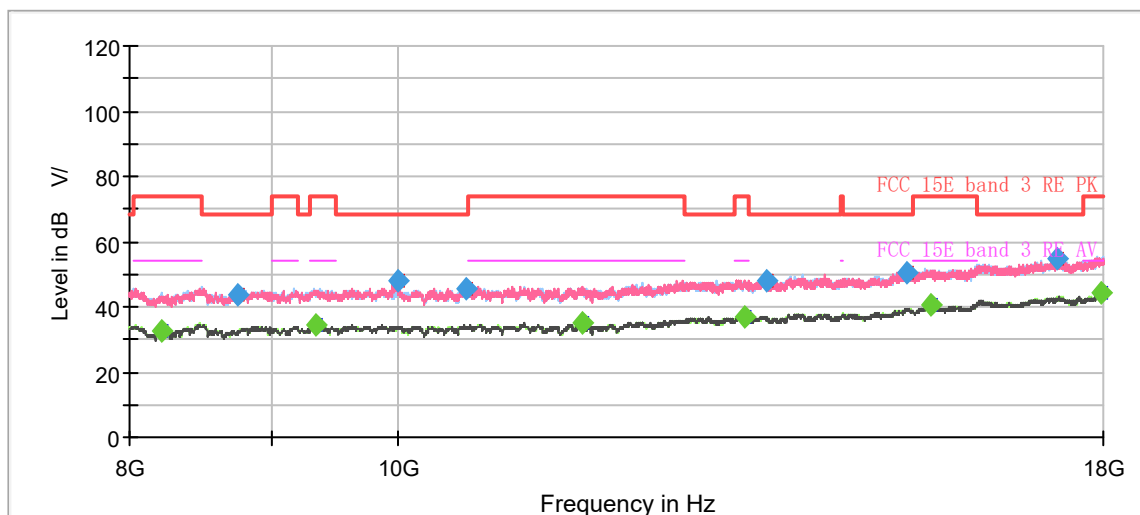
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11a CH165



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



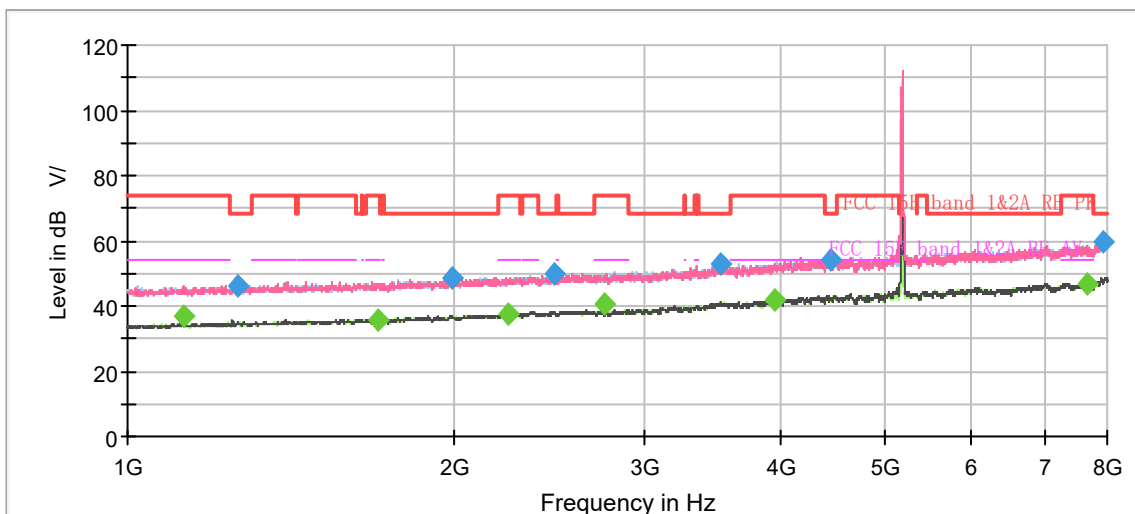
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	37.02	54.00	16.98	500.0	200.0	V	0.0	4.0
1277.375000	46.02	---	68.20	22.18	500.0	100.0	V	194.0	5.0
1697.375000	---	35.90	54.00	18.10	500.0	100.0	H	116.0	7.4
1844.375000	48.61	---	68.20	19.59	500.0	200.0	V	63.0	7.9
2248.625000	---	37.70	54.00	16.30	500.0	100.0	V	92.0	9.5
2657.250000	50.27	---	68.20	17.93	500.0	200.0	H	351.0	10.9
2750.000000	---	40.61	54.00	13.39	500.0	200.0	V	0.0	10.9
3499.875000	52.24	---	68.20	15.96	500.0	100.0	H	69.0	13.8
3998.625000	---	41.86	54.00	12.14	500.0	100.0	V	245.0	14.5
4418.625000	54.54	---	68.20	13.66	500.0	200.0	H	340.0	16.0
7632.500000	---	46.84	54.00	7.16	500.0	100.0	H	181.0	21.8
7959.750000	59.84	---	68.20	8.36	500.0	100.0	H	52.0	23.6

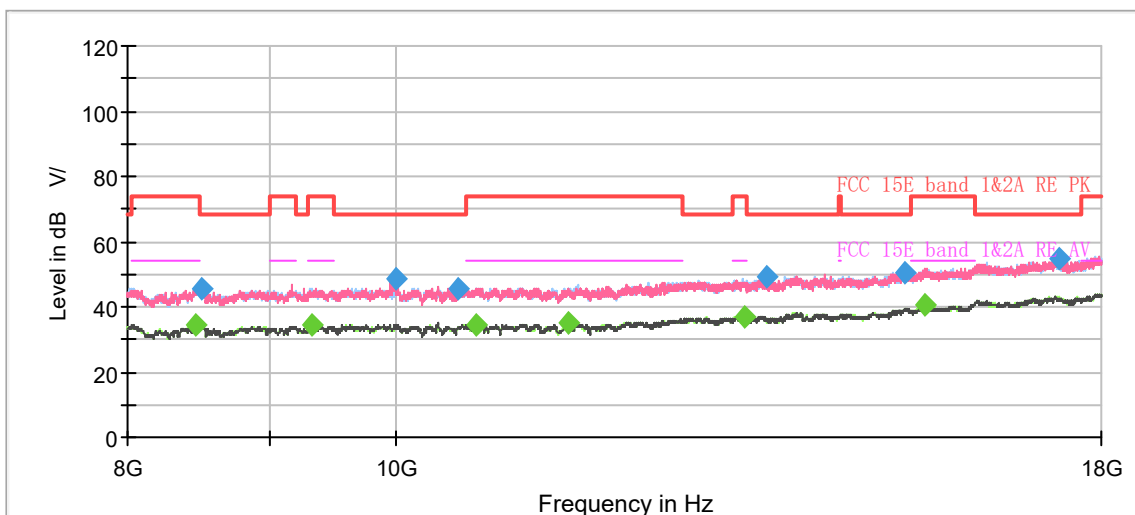
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT20) CH36



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



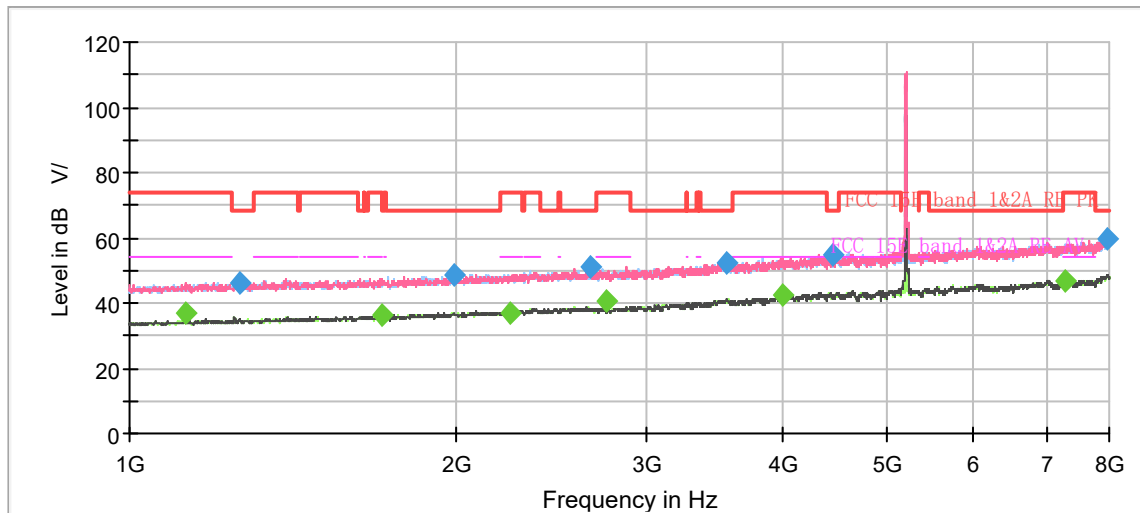
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	37.20	54.00	16.80	500.0	200.0	H	80.0	4.0
1265.125000	46.45	---	68.20	21.75	500.0	200.0	V	218.0	4.9
1698.250000	---	36.00	54.00	18.00	500.0	100.0	V	46.0	7.4
1991.375000	48.56	---	68.20	19.64	500.0	200.0	H	3.0	8.7
2240.750000	---	37.68	54.00	16.32	500.0	100.0	V	359.0	9.6
2477.875000	49.92	---	68.20	18.28	500.0	200.0	V	213.0	10.4
2750.000000	---	40.38	54.00	13.62	500.0	200.0	V	0.0	10.9
3522.625000	52.66	---	68.20	15.54	500.0	200.0	H	129.0	14.0
3944.375000	---	41.80	54.00	12.20	500.0	100.0	H	127.0	14.4
4449.250000	53.95	---	68.20	14.25	500.0	100.0	V	269.0	15.7
7665.750000	---	46.93	54.00	7.07	500.0	200.0	V	355.0	22.0
7947.500000	59.84	---	68.20	8.36	500.0	100.0	H	55.0	23.5

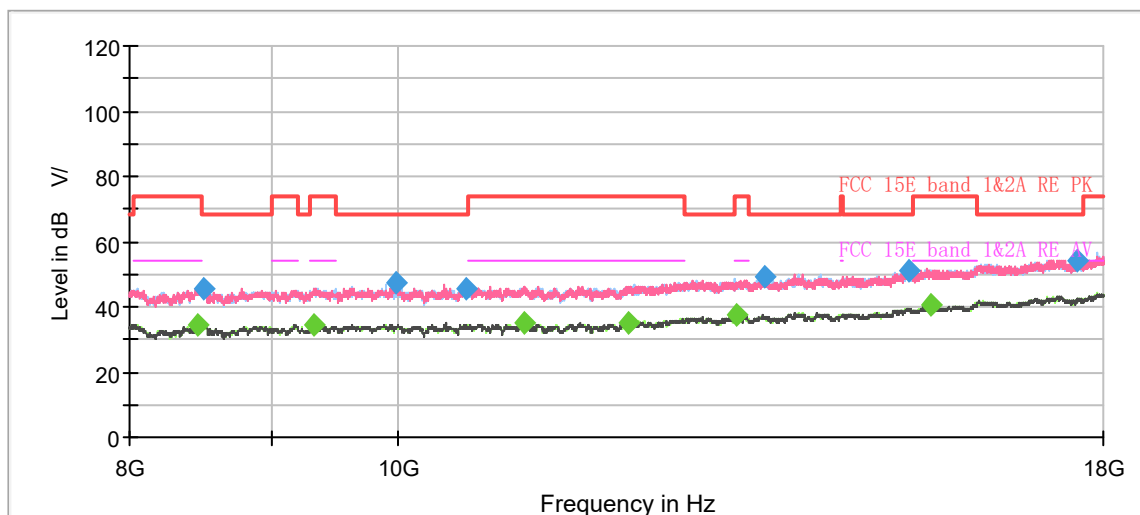
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT20) CH40



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



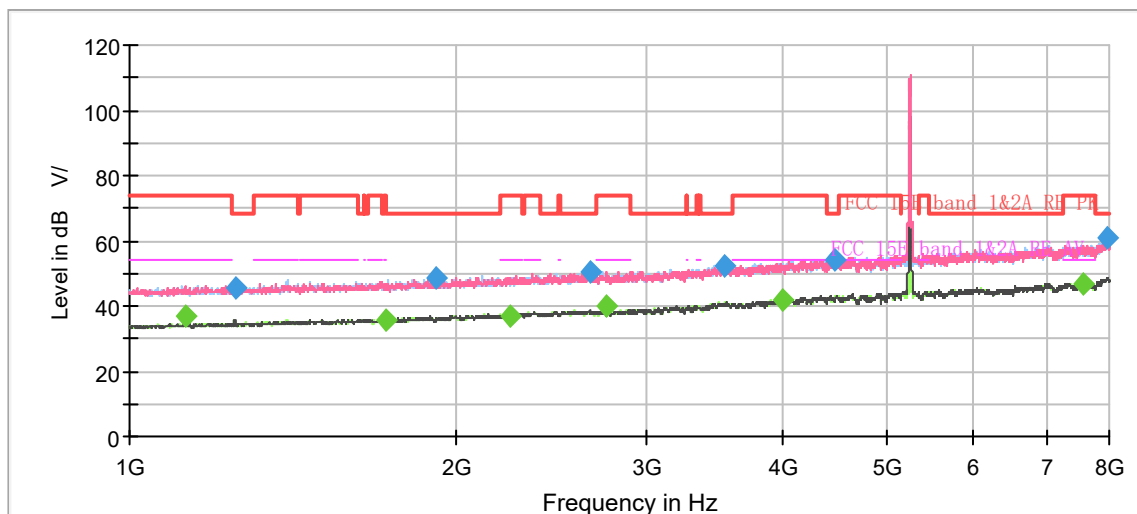
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	37.09	54.00	16.91	500.0	100.0	V	28.0	4.0
1262.500000	46.31	---	68.20	21.89	500.0	200.0	V	78.0	4.9
1707.875000	---	36.27	54.00	17.73	500.0	100.0	H	101.0	7.5
1994.000000	48.33	---	68.20	19.87	500.0	200.0	H	102.0	8.6
2246.875000	---	37.03	54.00	16.97	500.0	100.0	H	142.0	9.5
2659.000000	51.09	---	68.20	17.11	500.0	100.0	H	101.0	10.8
2750.000000	---	40.79	54.00	13.21	500.0	200.0	V	350.0	10.9
3549.750000	52.50	---	68.20	15.70	500.0	100.0	V	48.0	14.0
3999.500000	---	42.19	54.00	11.81	500.0	100.0	V	233.0	14.6
4449.250000	54.50	---	68.20	13.70	500.0	200.0	V	354.0	15.7
7284.250000	---	46.94	54.00	7.06	500.0	200.0	V	78.0	21.2
7958.000000	59.87	---	68.20	8.33	500.0	100.0	H	67.0	23.6

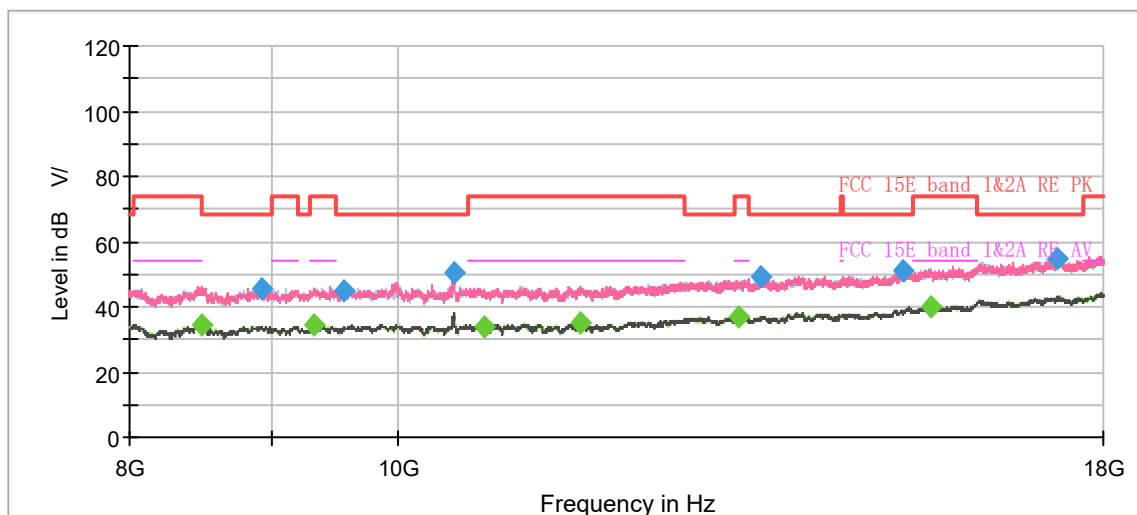
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT20) CH48



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



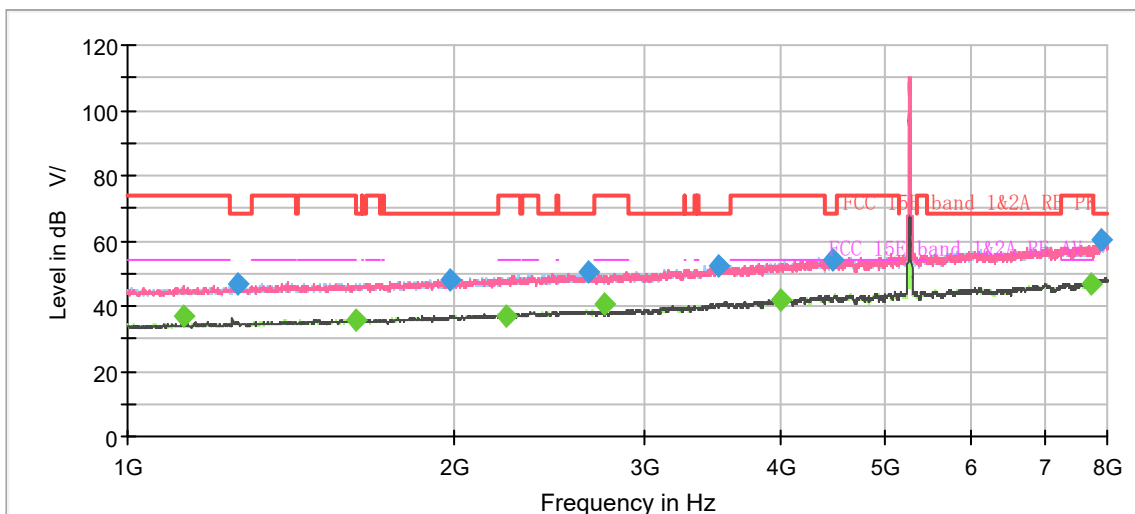
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	37.03	54.00	16.97	500.0	200.0	V	220.0	4.0
1251.125000	45.80	---	68.20	22.40	500.0	100.0	H	61.0	4.8
1720.125000	---	35.99	54.00	18.01	500.0	100.0	H	38.0	7.4
1918.750000	48.67	---	68.20	19.53	500.0	200.0	V	70.0	8.1
2246.875000	---	37.14	54.00	16.86	500.0	100.0	H	61.0	9.5
2659.875000	50.60	---	68.20	17.60	500.0	200.0	V	12.0	10.8
2750.000000	---	40.13	54.00	13.87	500.0	200.0	V	7.0	10.9
3538.375000	52.43	---	68.20	15.77	500.0	100.0	V	231.0	14.1
3998.625000	---	41.74	54.00	12.26	500.0	200.0	H	196.0	14.5
4463.250000	54.05	---	68.20	14.15	500.0	200.0	H	191.0	15.8
7566.875000	---	47.00	54.00	7.00	500.0	100.0	H	269.0	21.6
7962.375000	60.88	---	68.20	7.32	500.0	200.0	V	152.0	23.6

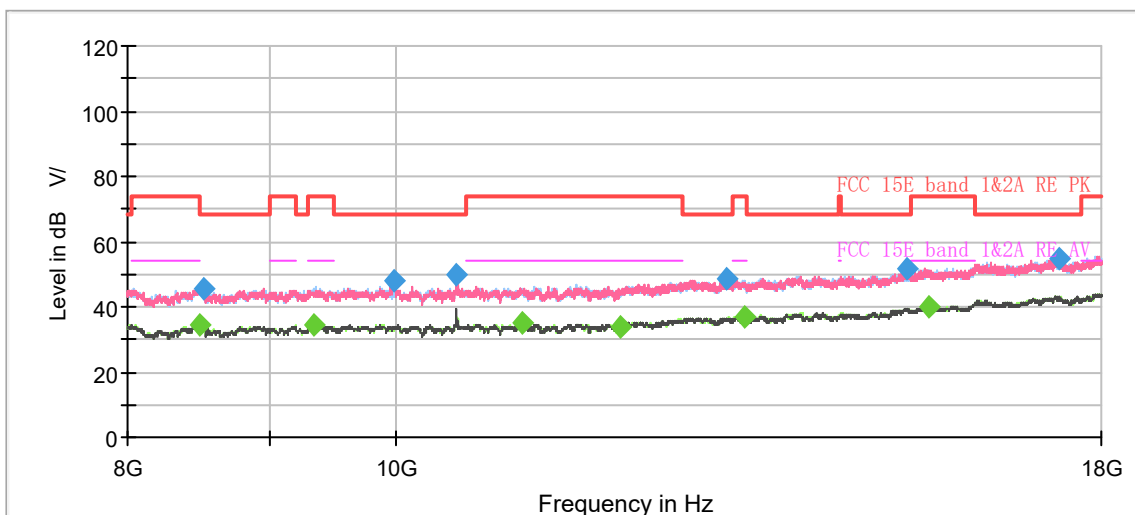
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT20) CH52



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



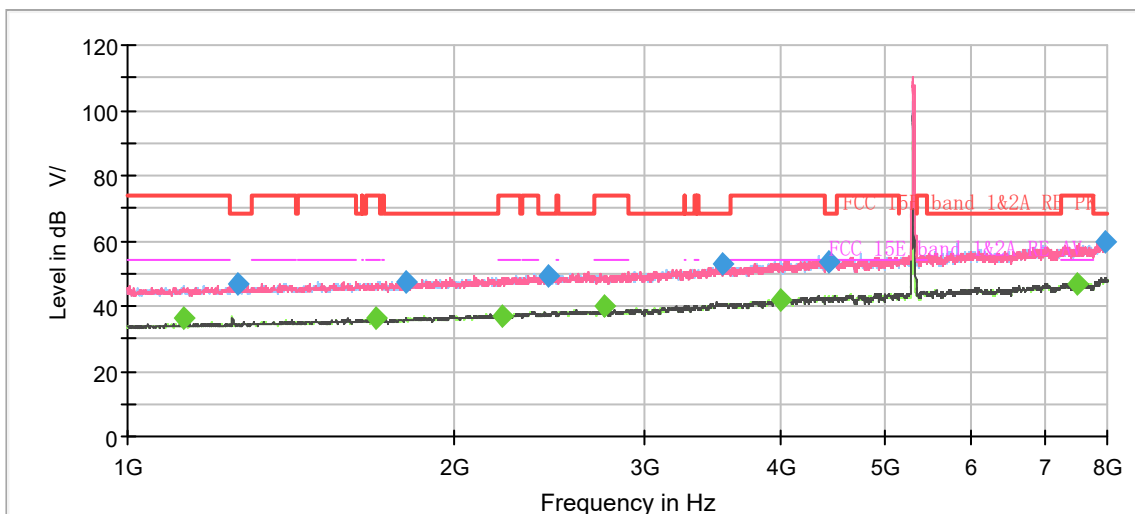
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	37.21	54.00	16.79	500.0	200.0	H	299.0	4.0
1264.250000	46.92	---	68.20	21.28	500.0	100.0	H	0.0	4.9
1620.375000	---	35.94	54.00	18.06	500.0	200.0	V	125.0	6.8
1981.750000	48.20	---	68.20	20.00	500.0	200.0	H	246.0	8.6
2238.125000	---	37.20	54.00	16.80	500.0	200.0	H	170.0	9.6
2664.250000	50.24	---	68.20	17.96	500.0	200.0	H	275.0	10.8
2750.000000	---	40.56	54.00	13.44	500.0	200.0	V	0.0	10.9
3499.000000	52.24	---	68.20	15.96	500.0	200.0	H	294.0	13.8
3996.000000	---	41.86	54.00	12.14	500.0	100.0	V	169.0	14.5
4474.625000	54.42	---	68.20	13.78	500.0	200.0	H	52.0	15.8
7728.750000	---	47.06	54.00	6.94	500.0	200.0	H	222.0	22.3
7900.250000	60.26	---	68.20	7.94	500.0	200.0	V	67.0	23.5

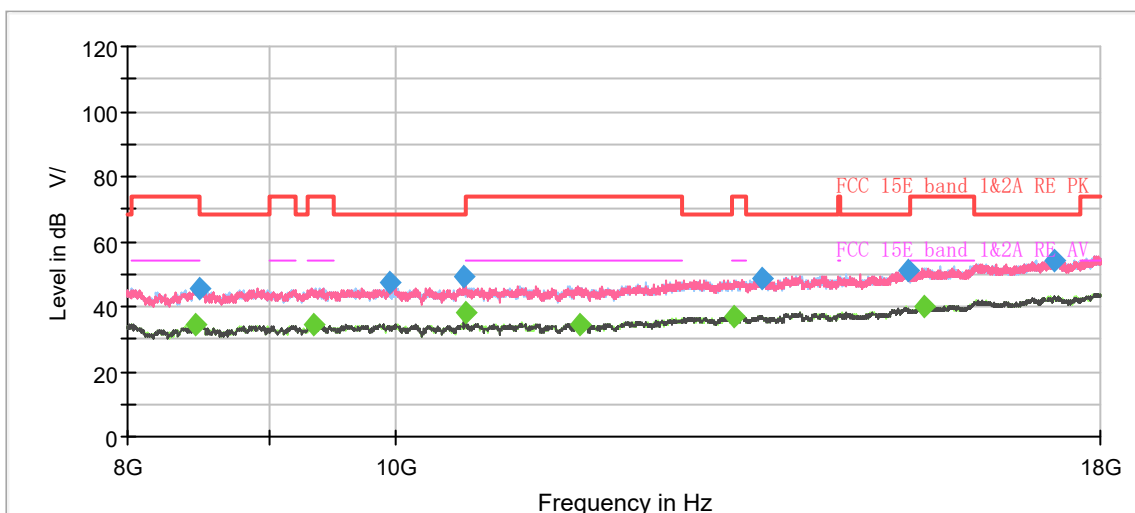
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (HT20) CH60



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



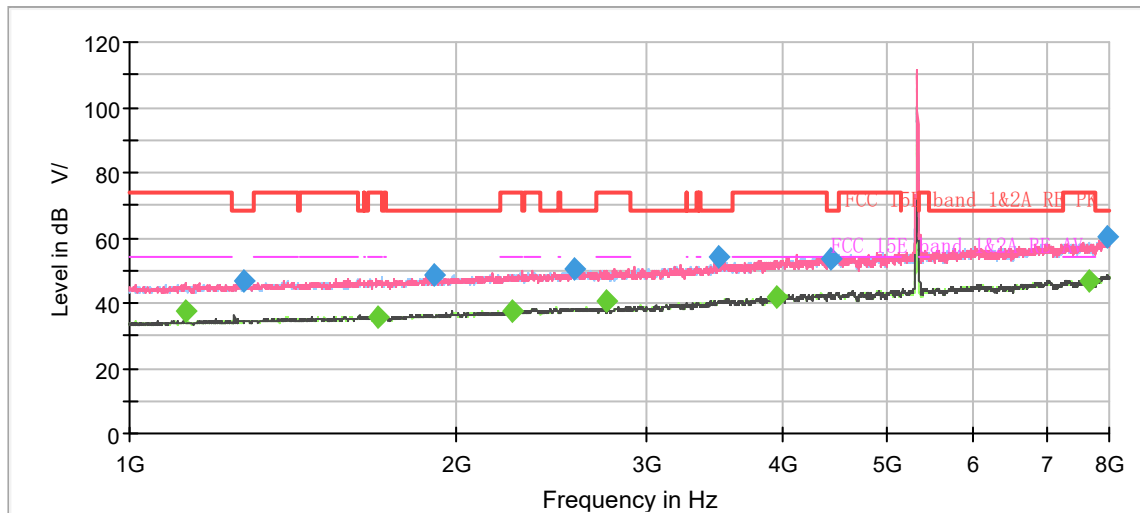
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	36.57	54.00	17.43	500.0	200.0	V	220.0	4.0
1262.500000	46.67	---	68.20	21.53	500.0	100.0	V	117.0	4.9
1692.125000	---	36.03	54.00	17.97	500.0	200.0	H	329.0	7.3
1808.500000	47.20	---	68.20	21.00	500.0	200.0	H	97.0	7.7
2218.000000	---	36.97	54.00	17.03	500.0	100.0	H	44.0	9.3
2446.375000	48.93	---	68.20	19.27	500.0	200.0	H	252.0	10.2
2750.000000	---	40.13	54.00	13.87	500.0	200.0	V	191.0	10.9
3540.125000	53.22	---	68.20	14.98	500.0	200.0	V	158.0	14.1
3996.000000	---	41.96	54.00	12.04	500.0	100.0	V	238.0	14.5
4423.000000	53.84	---	68.20	14.36	500.0	200.0	H	222.0	16.0
7520.500000	---	46.88	54.00	7.12	500.0	200.0	H	325.0	21.4
7969.375000	59.83	---	68.20	8.37	500.0	200.0	H	310.0	23.6

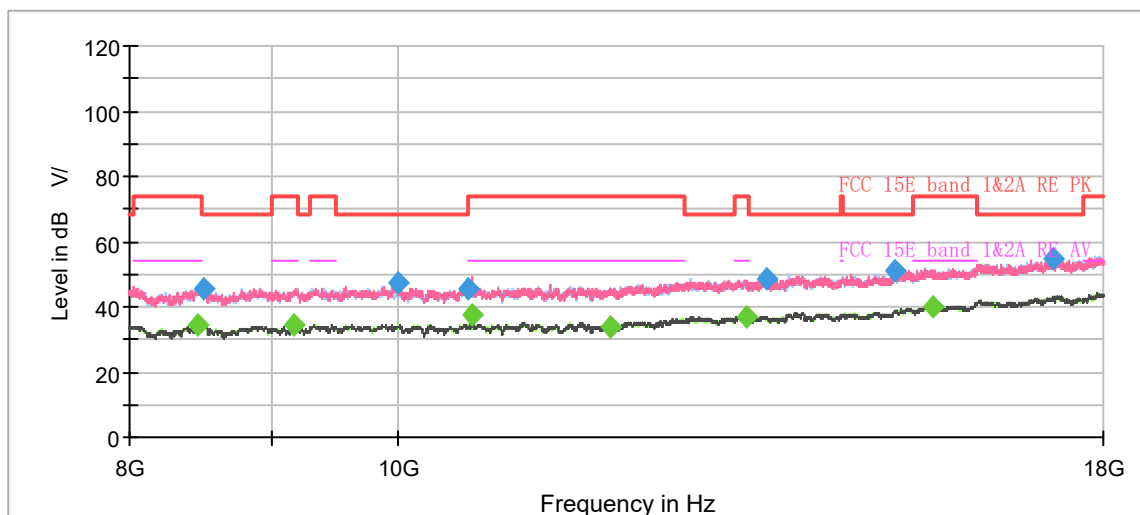
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT20) CH64



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



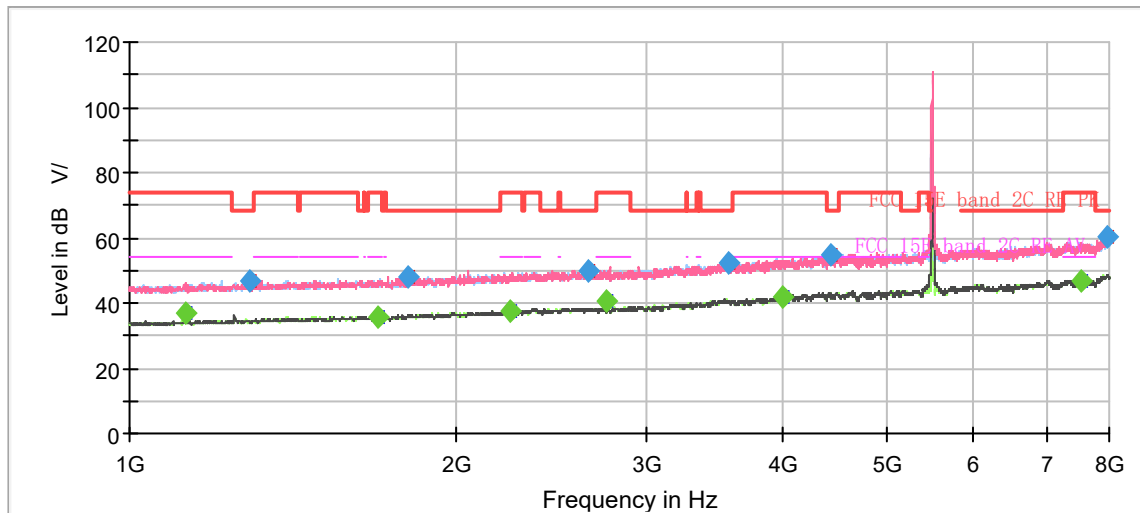
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	37.43	54.00	16.57	500.0	200.0	H	297.0	4.0
1273.000000	46.58	---	68.20	21.62	500.0	100.0	V	131.0	5.0
1696.500000	---	35.94	54.00	18.06	500.0	200.0	H	279.0	7.4
1912.625000	48.54	---	68.20	19.66	500.0	100.0	H	91.0	8.0
2249.500000	---	37.57	54.00	16.43	500.0	200.0	V	135.0	9.5
2568.875000	50.18	---	68.20	18.02	500.0	100.0	H	190.0	10.7
2750.000000	---	40.51	54.00	13.49	500.0	200.0	V	5.0	10.9
3489.375000	54.27	---	68.20	13.93	500.0	100.0	H	0.0	13.8
3955.750000	---	41.93	54.00	12.07	500.0	100.0	V	313.0	14.4
4424.750000	53.77	---	68.20	14.43	500.0	200.0	H	297.0	16.0
7671.000000	---	46.87	54.00	7.13	500.0	200.0	H	249.0	22.1
7972.875000	60.42	---	68.20	7.78	500.0	200.0	V	77.0	23.6

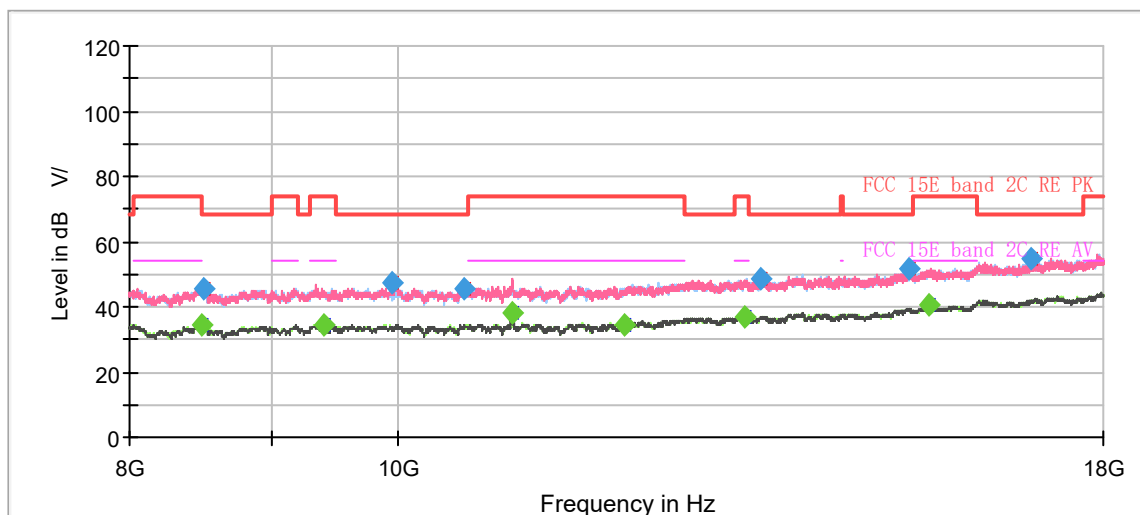
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT20) CH100



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



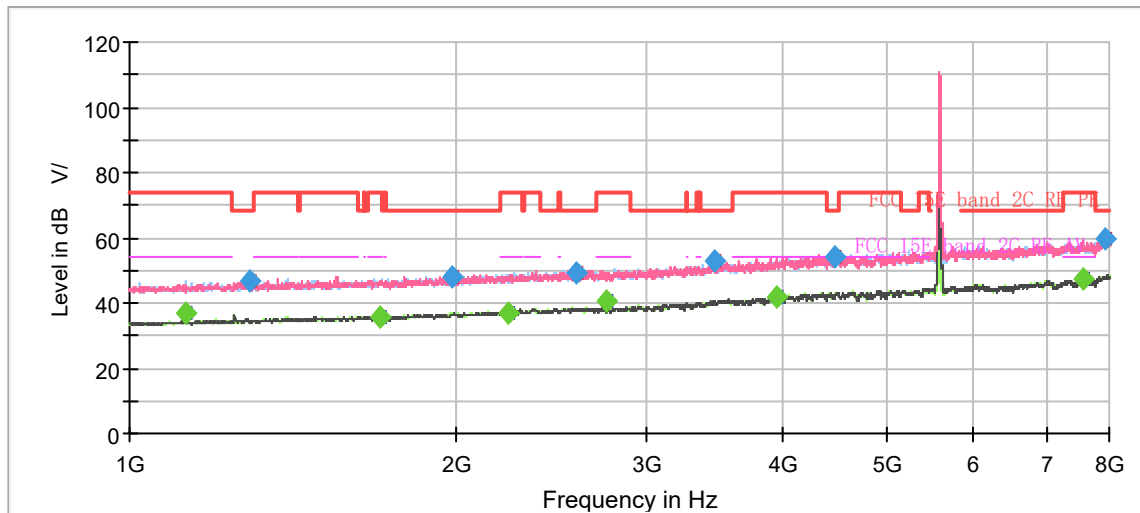
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	36.84	54.00	17.16	500.0	100.0	V	205.0	4.0
1293.125000	46.68	---	68.20	21.52	500.0	200.0	V	1.0	5.0
1696.500000	---	35.90	54.00	18.10	500.0	100.0	V	186.0	7.4
1803.250000	48.19	---	68.20	20.01	500.0	100.0	H	70.0	7.7
2245.125000	---	37.59	54.00	16.41	500.0	200.0	V	283.0	9.5
2651.125000	50.10	---	68.20	18.10	500.0	100.0	V	130.0	10.9
2750.000000	---	40.54	54.00	13.46	500.0	200.0	V	176.0	10.9
3571.625000	52.42	---	68.20	15.78	500.0	200.0	V	255.0	13.8
3998.625000	---	41.92	54.00	12.08	500.0	100.0	H	291.0	14.5
4429.125000	54.72	---	68.20	13.48	500.0	200.0	V	146.0	15.9
7547.625000	---	46.88	54.00	7.12	500.0	200.0	H	228.0	21.5
7964.125000	60.05	---	68.20	8.15	500.0	100.0	H	122.0	23.6

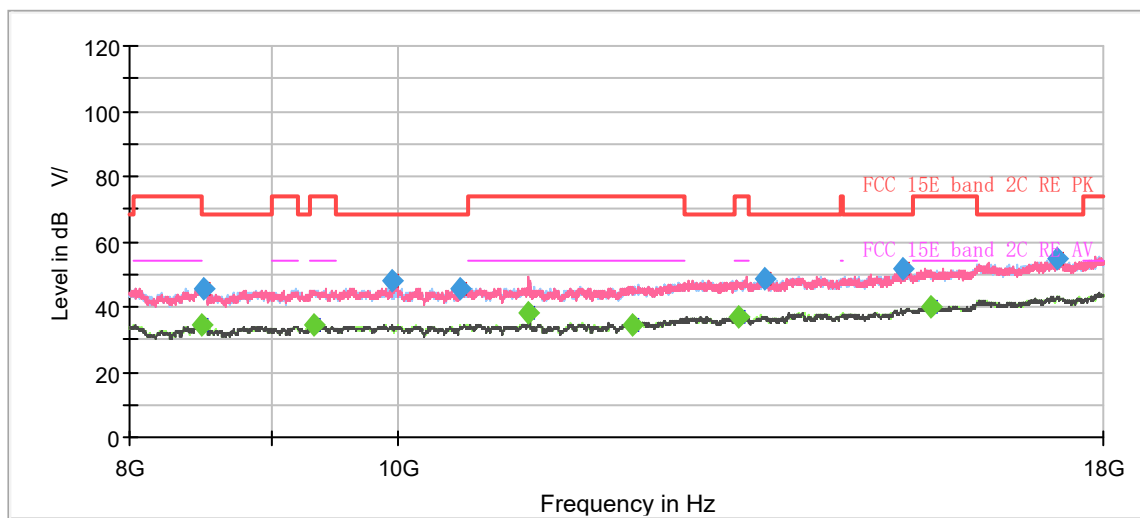
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (HT20) CH116



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



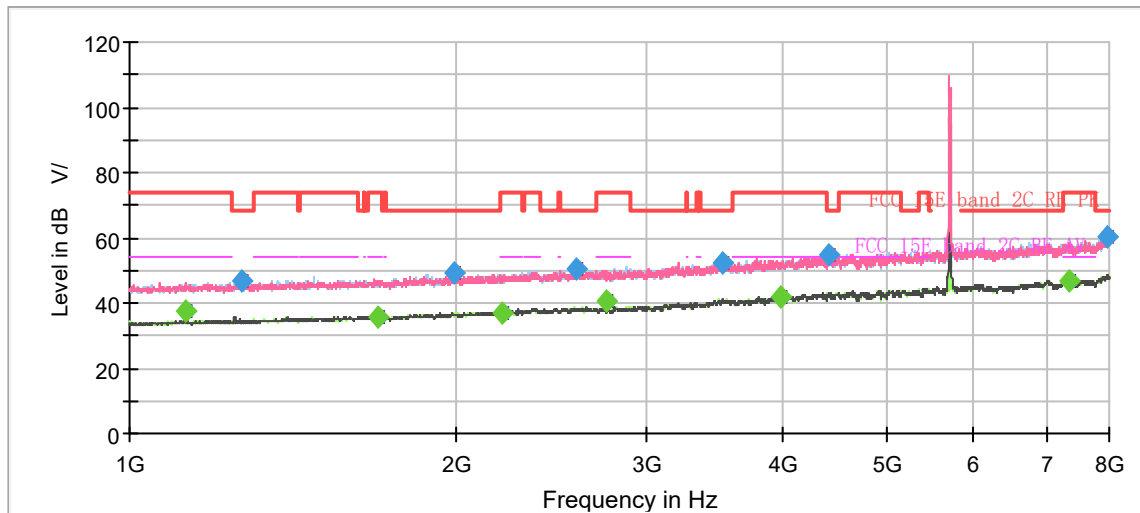
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	36.83	54.00	17.17	500.0	200.0	V	51.0	4.0
1289.625000	46.67	---	68.20	21.53	500.0	100.0	H	28.0	5.0
1703.500000	---	35.95	54.00	18.05	500.0	200.0	H	324.0	7.4
1982.625000	48.27	---	68.20	19.93	500.0	100.0	V	232.0	8.7
2230.250000	---	36.95	54.00	17.05	500.0	100.0	H	4.0	9.5
2585.500000	49.51	---	68.20	18.69	500.0	200.0	H	234.0	10.7
2750.000000	---	40.50	54.00	13.50	500.0	200.0	V	0.0	10.9
3464.000000	52.63	---	68.20	15.57	500.0	200.0	H	299.0	13.6
3947.000000	---	41.90	54.00	12.10	500.0	100.0	V	0.0	14.4
4472.875000	53.96	---	68.20	14.24	500.0	100.0	V	217.0	15.8
7569.500000	---	47.24	54.00	6.76	500.0	200.0	H	158.0	21.6
7948.375000	59.80	---	68.20	8.40	500.0	200.0	V	247.0	23.5

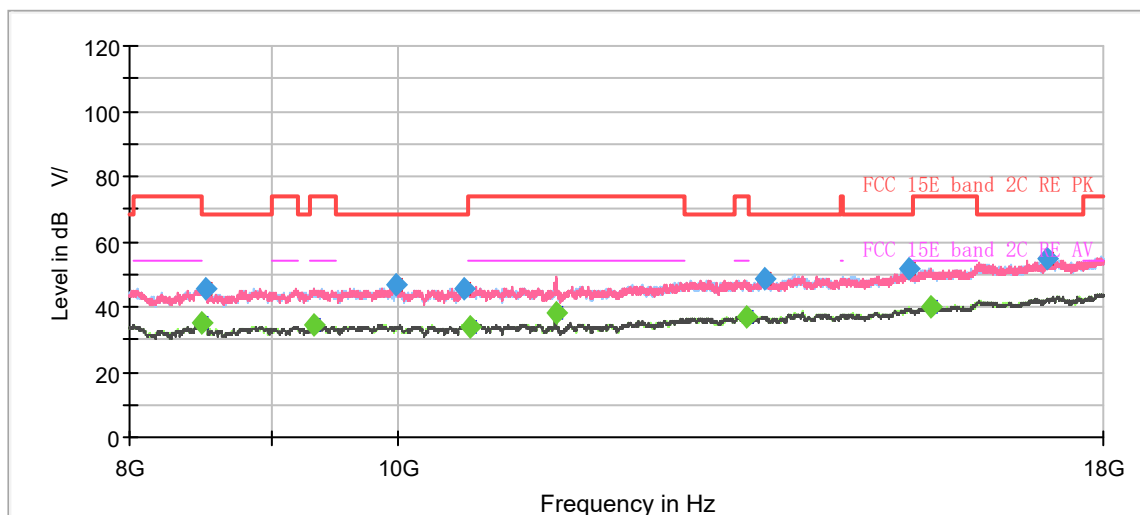
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (HT20) CH140



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



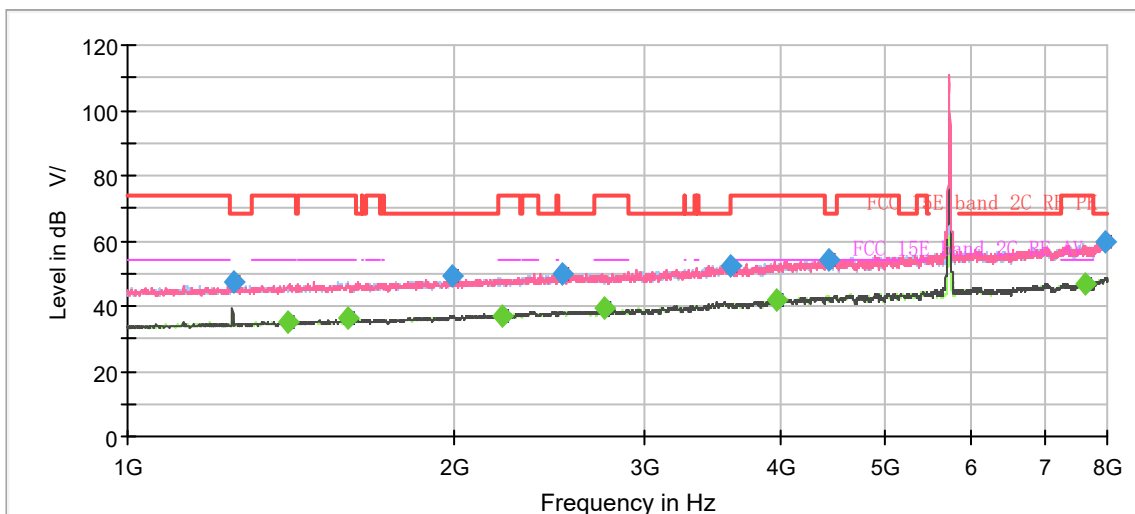
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	37.37	54.00	16.63	500.0	100.0	V	33.0	4.0
1266.875000	46.62	---	68.20	21.58	500.0	100.0	V	80.0	4.9
1694.750000	---	35.85	54.00	18.15	500.0	100.0	H	234.0	7.4
1995.750000	49.40	---	68.20	18.80	500.0	200.0	V	352.0	8.6
2209.250000	---	36.96	54.00	17.04	500.0	200.0	H	1.0	9.3
2584.625000	50.15	---	68.20	18.05	500.0	200.0	H	196.0	10.7
2750.000000	---	40.63	54.00	13.37	500.0	200.0	V	3.0	10.9
3516.500000	52.19	---	68.20	16.01	500.0	100.0	H	325.0	14.0
3975.875000	---	41.80	54.00	12.20	500.0	100.0	V	117.0	14.5
4407.250000	54.65	---	68.20	13.55	500.0	200.0	V	88.0	16.2
7347.250000	---	46.93	54.00	7.07	500.0	100.0	V	0.0	21.2
7981.625000	60.29	---	68.20	7.91	500.0	200.0	V	298.0	23.6

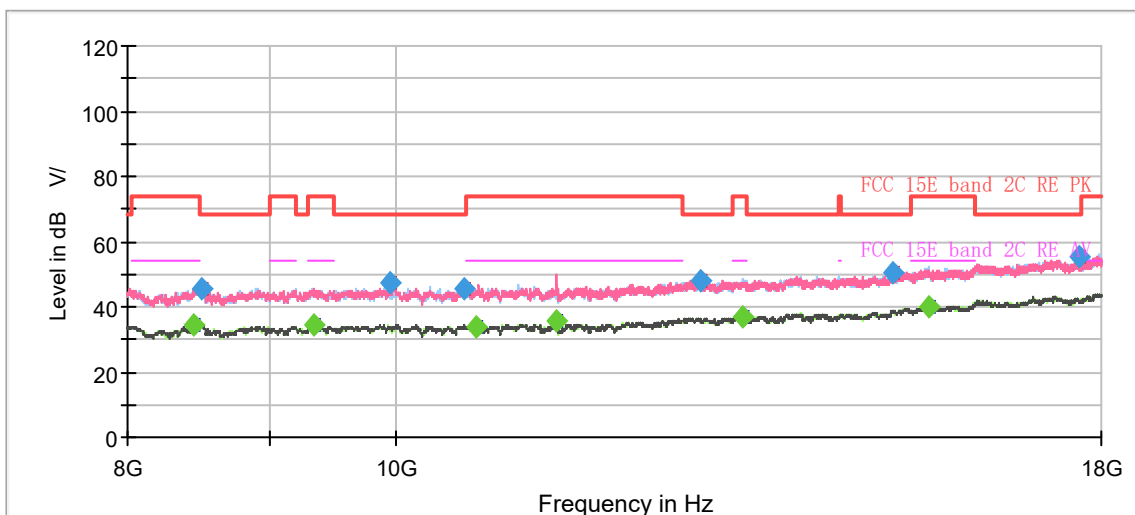
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT20) CH144



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



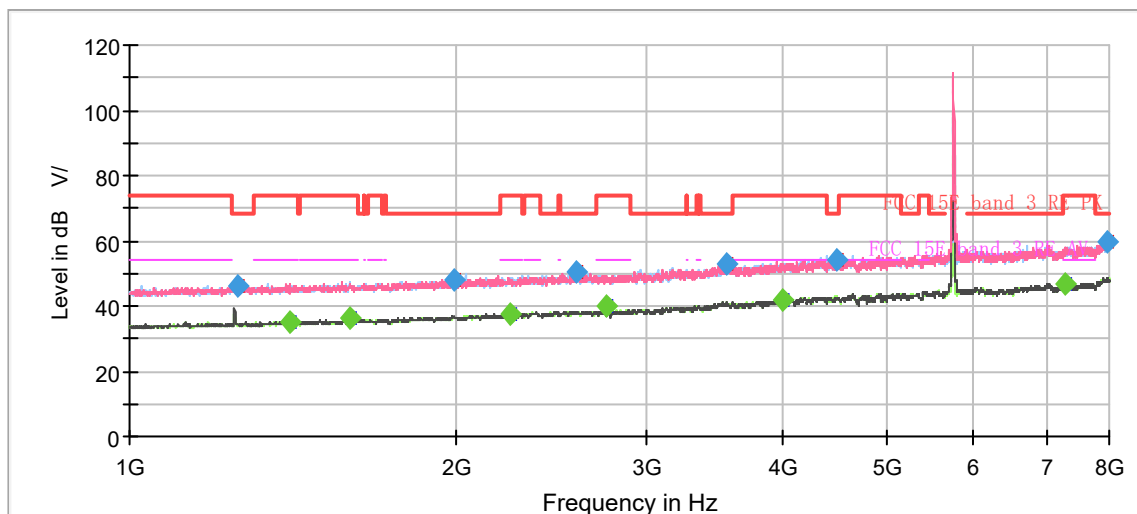
Radiates Emission from 8GHz to 18GHz

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)
1250.250000	47.09	---	68.20	21.11	500.0	200.0	V	335.0	4.8
1405.125000	---	35.24	54.00	18.76	500.0	200.0	V	351.0	5.7
1595.875000	---	36.19	54.00	17.81	500.0	200.0	V	340.0	6.8
1989.625000	49.00	---	68.20	19.20	500.0	100.0	V	39.0	8.7
2218.000000	---	36.81	54.00	17.19	500.0	200.0	H	25.0	9.3
2514.625000	50.04	---	68.20	18.16	500.0	100.0	V	213.0	10.4
2750.000000	---	39.68	54.00	14.32	500.0	200.0	V	356.0	10.9
3599.625000	52.43	---	68.20	15.77	500.0	100.0	H	236.0	13.8
3971.500000	---	42.00	54.00	12.00	500.0	200.0	H	214.0	14.5
4431.750000	53.95	---	68.20	14.25	500.0	100.0	H	176.0	15.9
7628.125000	---	46.91	54.00	7.09	500.0	200.0	V	340.0	21.8
7964.125000	59.87	---	68.20	8.33	500.0	100.0	V	213.0	23.6

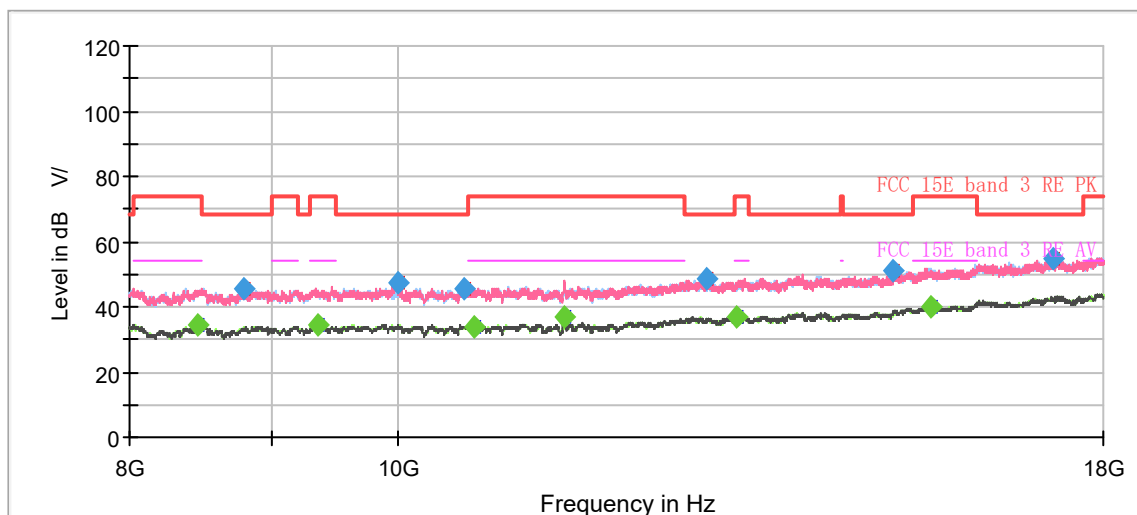
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT20) CH149



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



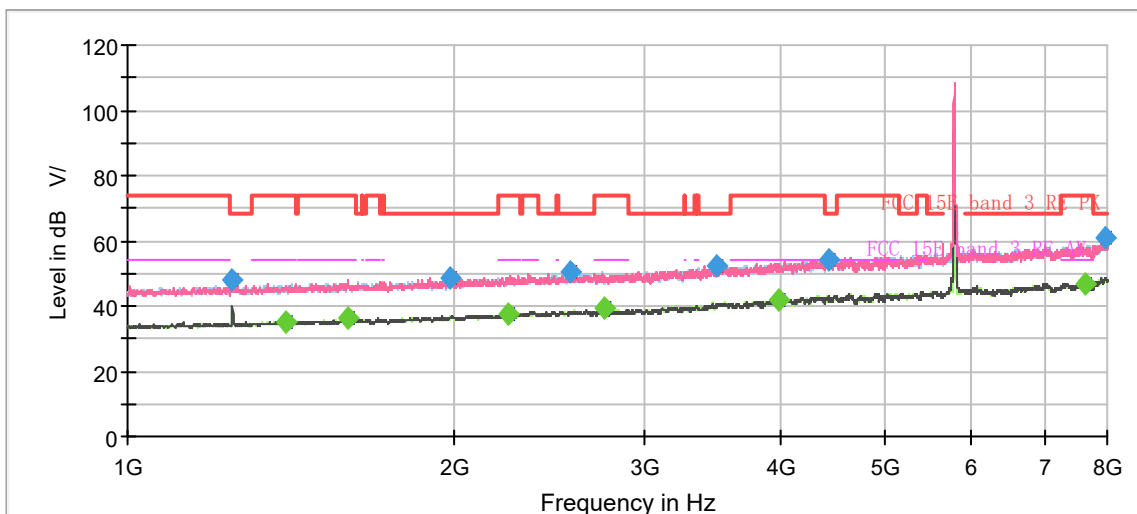
Radiates Emission from 8GHz to 18GHz

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)
1259.000000	46.08	---	68.20	22.12	500.0	100.0	V	229.0	4.9
1402.500000	---	35.31	54.00	18.69	500.0	200.0	V	201.0	5.7
1595.000000	---	36.17	54.00	17.83	500.0	200.0	H	305.0	6.8
1994.875000	48.20	---	68.20	20.00	500.0	100.0	H	196.0	8.6
2241.625000	---	37.47	54.00	16.53	500.0	200.0	V	177.0	9.6
2578.500000	50.67	---	68.20	17.53	500.0	200.0	H	280.0	10.8
2750.000000	---	39.92	54.00	14.08	500.0	200.0	V	195.0	10.9
3552.375000	52.63	---	68.20	15.57	500.0	200.0	V	165.0	14.0
3996.000000	---	41.94	54.00	12.06	500.0	200.0	H	92.0	14.5
4482.500000	54.34	---	68.20	13.86	500.0	100.0	H	352.0	15.9
7299.125000	---	46.97	54.00	7.03	500.0	200.0	H	0.0	21.2
7959.750000	59.91	---	68.20	8.29	500.0	200.0	V	0.0	23.6

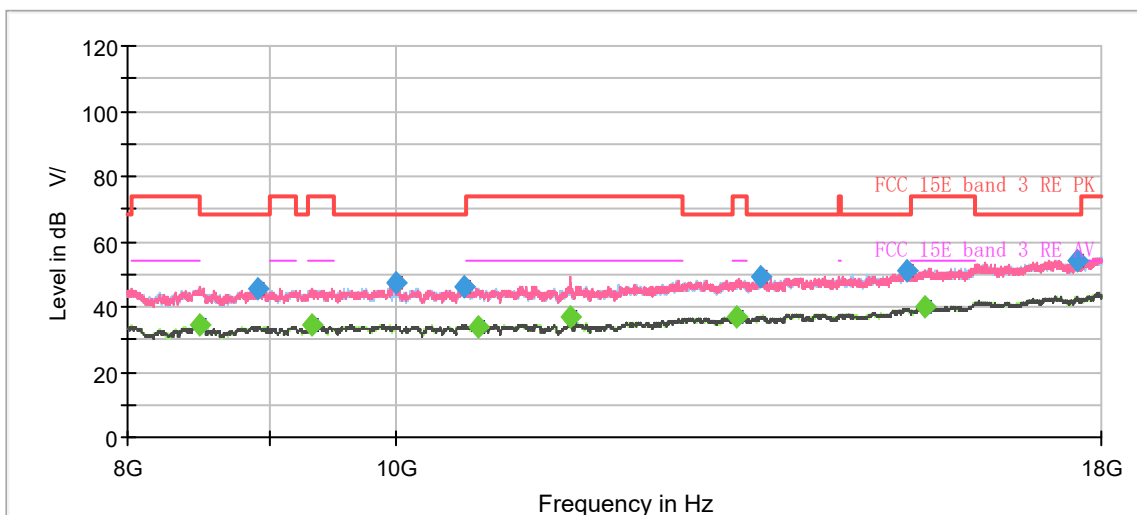
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT20) CH157



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



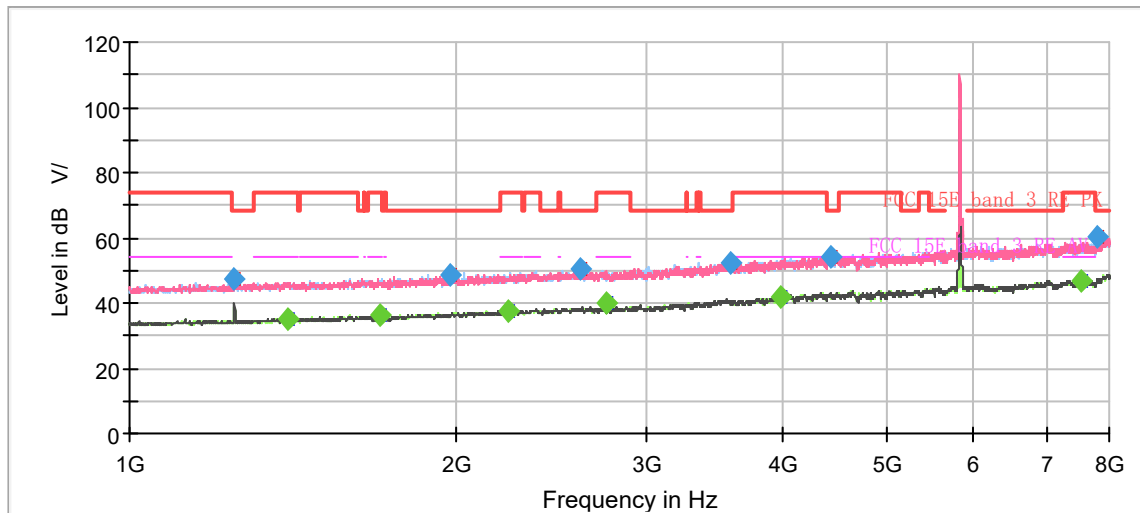
Radiates Emission from 8GHz to 18GHz

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)
1249.375000	47.97	---	68.20	20.23	500.0	200.0	V	333.0	4.8
1396.375000	---	35.23	54.00	18.77	500.0	100.0	H	286.0	5.7
1595.875000	---	36.07	54.00	17.93	500.0	200.0	H	328.0	6.8
1981.750000	48.83	---	68.20	19.37	500.0	200.0	H	90.0	8.6
2240.750000	---	37.46	54.00	16.54	500.0	200.0	V	0.0	9.6
2562.750000	50.43	---	68.20	17.77	500.0	200.0	V	0.0	10.6
2750.000000	---	39.62	54.00	14.38	500.0	200.0	V	193.0	10.9
3497.250000	52.37	---	68.20	15.83	500.0	200.0	V	339.0	13.8
3975.875000	---	41.80	54.00	12.20	500.0	200.0	H	27.0	14.5
4429.125000	53.94	---	68.20	14.26	500.0	100.0	V	27.0	15.9
7641.250000	---	47.05	54.00	6.95	500.0	200.0	V	308.0	21.9
7954.500000	60.68	---	68.20	7.52	500.0	200.0	H	165.0	23.6

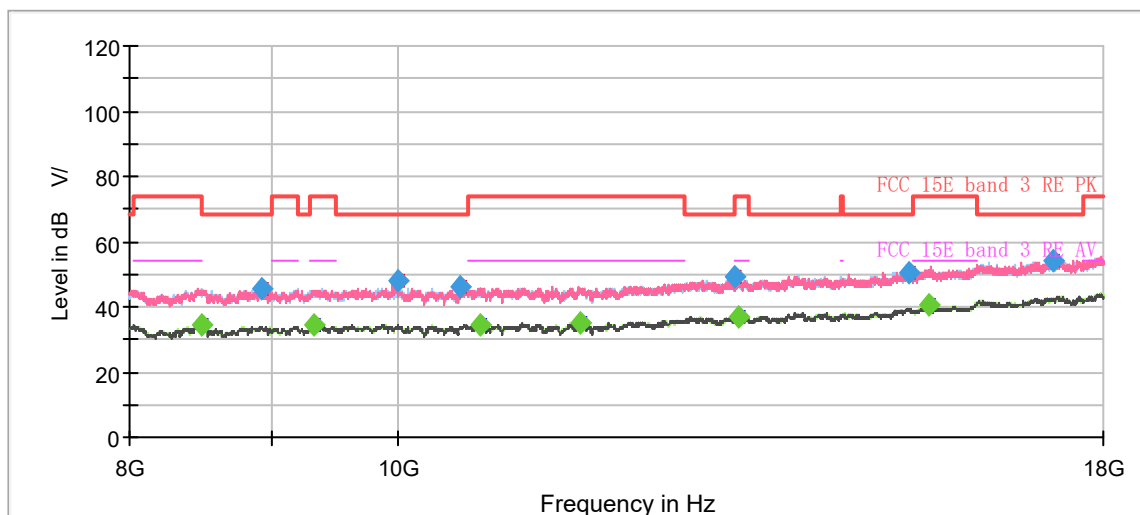
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT20) CH165



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



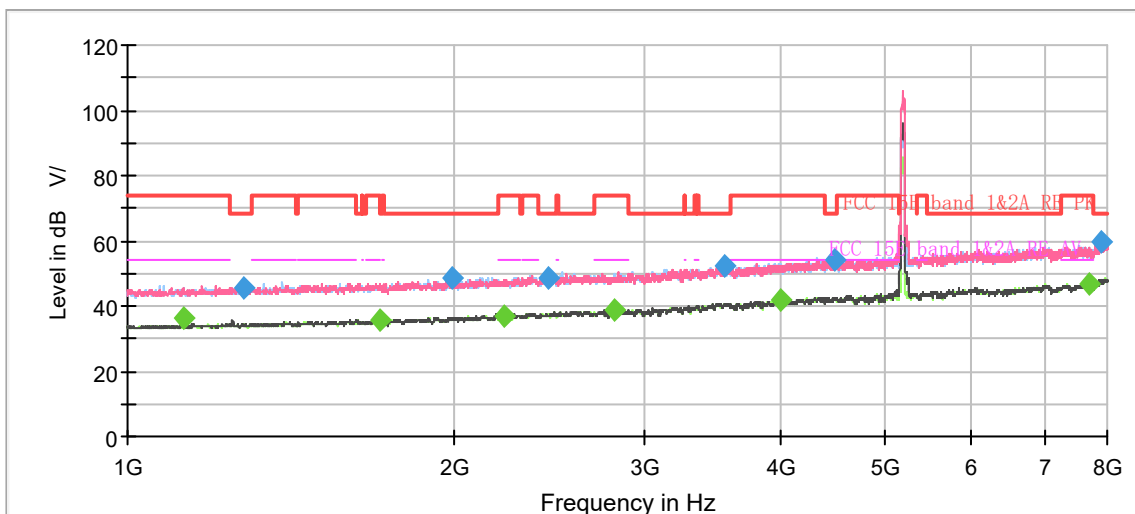
Radiates Emission from 8GHz to 18GHz

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)
1249.375000	47.34	---	68.20	20.86	500.0	200.0	V	329.0	4.8
1400.750000	---	35.36	54.00	18.64	500.0	200.0	H	167.0	5.7
1704.375000	---	36.22	54.00	17.78	500.0	200.0	H	60.0	7.4
1978.250000	48.41	---	68.20	19.79	500.0	100.0	V	217.0	8.6
2236.375000	---	37.36	54.00	16.64	500.0	200.0	H	49.0	9.5
2606.500000	50.36	---	68.20	17.84	500.0	200.0	H	103.0	10.7
2750.000000	---	40.07	54.00	13.93	500.0	200.0	V	30.0	10.9
3579.500000	52.08	---	68.20	16.12	500.0	200.0	H	208.0	13.8
3976.750000	---	41.80	54.00	12.20	500.0	200.0	V	168.0	14.5
4428.250000	54.23	---	68.20	13.97	500.0	200.0	V	0.0	15.9
7550.250000	---	46.80	54.00	7.20	500.0	200.0	H	149.0	21.5
7814.500000	60.36	---	68.20	7.84	500.0	200.0	H	246.0	22.9

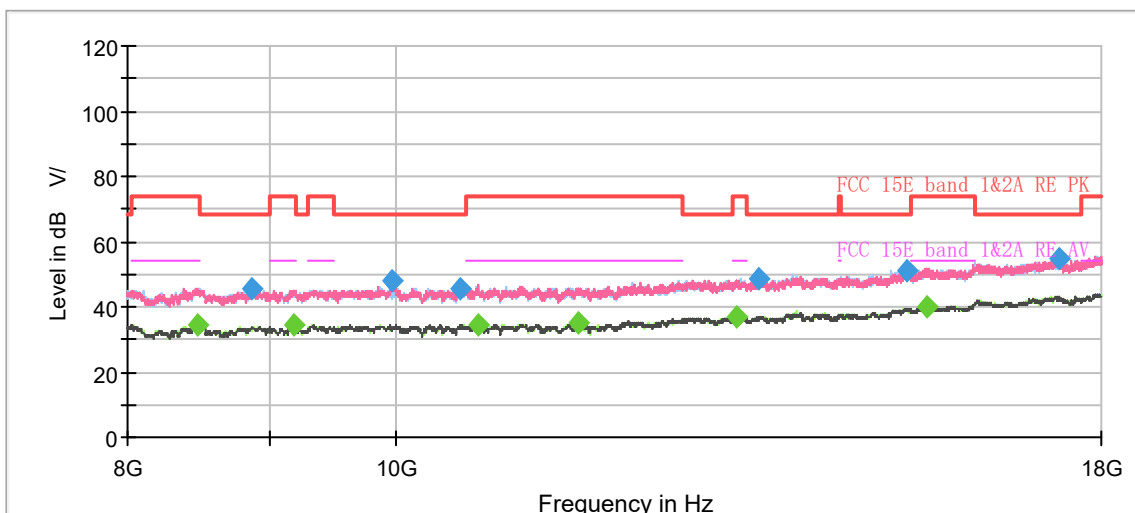
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT40) CH38



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



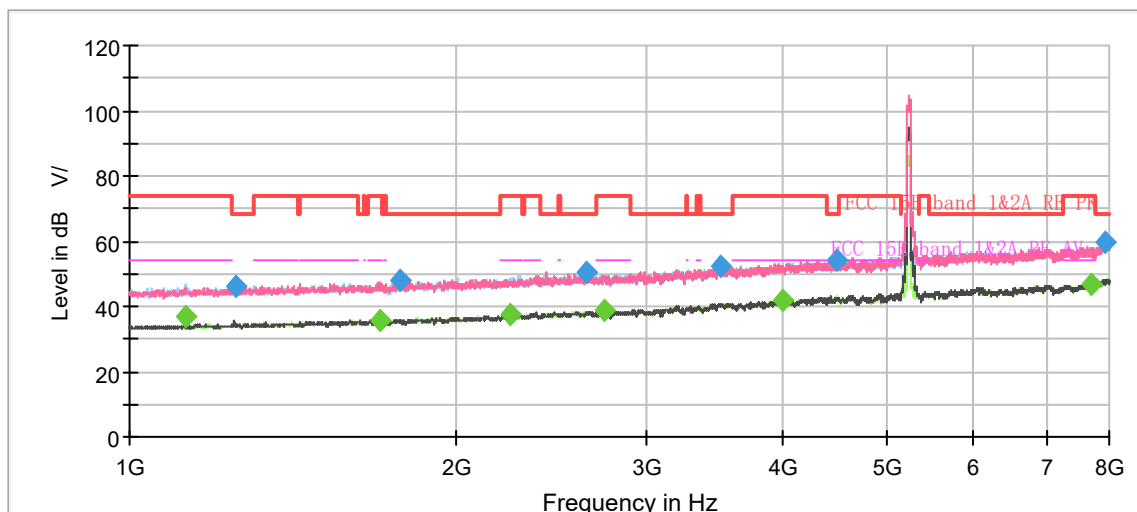
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	36.38	54.00	17.62	500.0	200.0	V	315.0	4.0
1278.250000	45.68	---	68.20	22.52	500.0	100.0	H	352.0	5.0
1707.000000	---	35.76	54.00	18.24	500.0	200.0	V	0.0	7.4
1995.750000	48.50	---	68.20	19.70	500.0	200.0	V	190.0	8.6
2220.625000	---	37.09	54.00	16.91	500.0	200.0	H	57.0	9.3
2441.125000	48.71	---	68.20	19.49	500.0	200.0	H	0.0	10.2
2815.625000	---	38.51	54.00	15.49	500.0	100.0	H	115.0	11.1
3545.375000	52.27	---	68.20	15.93	500.0	200.0	H	17.0	14.1
3999.500000	---	41.64	54.00	12.36	500.0	200.0	V	121.0	14.6
4480.750000	54.34	---	68.20	13.86	500.0	100.0	H	224.0	15.8
7700.750000	---	46.57	54.00	7.43	500.0	200.0	H	3.0	22.2
7904.625000	59.50	---	68.20	8.70	500.0	200.0	H	17.0	23.5

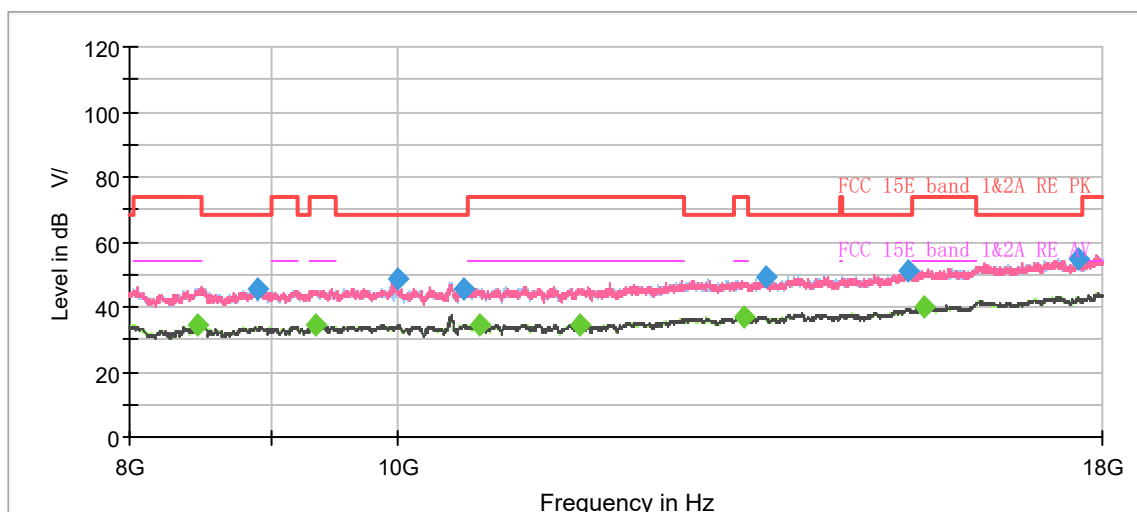
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT40) CH46



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



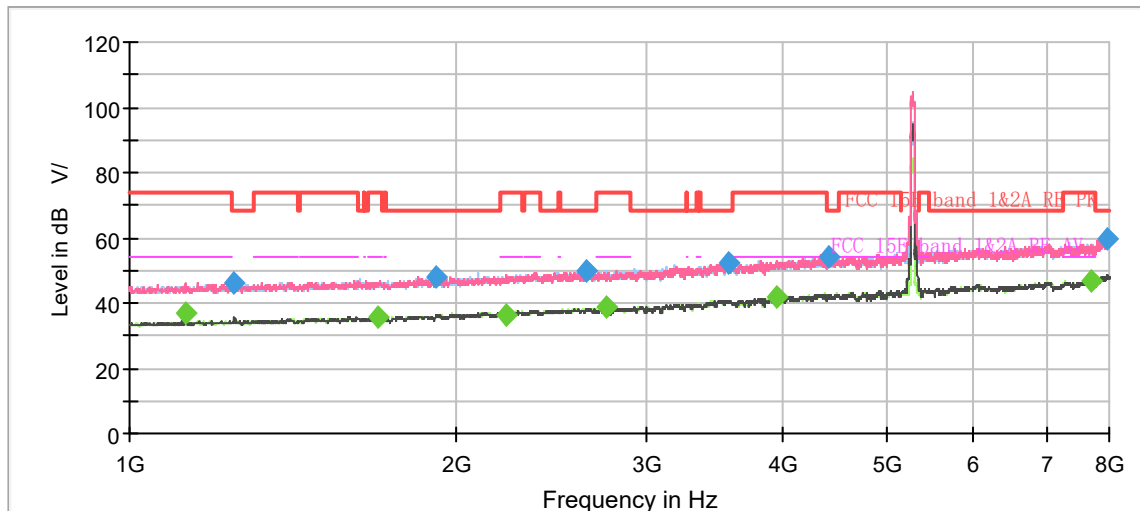
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	36.99	54.00	17.01	500.0	200.0	V	314.0	4.0
1250.250000	45.88	---	68.20	22.32	500.0	100.0	H	173.0	4.8
1701.750000	---	35.58	54.00	18.42	500.0	200.0	V	197.0	7.4
1772.625000	48.19	---	68.20	20.01	500.0	200.0	H	72.0	7.6
2239.875000	---	37.33	54.00	16.67	500.0	200.0	V	269.0	9.6
2638.000000	50.55	---	68.20	17.65	500.0	200.0	H	283.0	10.8
2739.500000	---	38.56	54.00	15.44	500.0	200.0	V	304.0	10.9
3513.000000	52.15	---	68.20	16.05	500.0	200.0	H	22.0	13.9
3997.750000	---	41.68	54.00	12.32	500.0	100.0	V	53.0	14.5
4481.625000	54.03	---	68.20	14.17	500.0	200.0	H	303.0	15.8
7708.625000	---	46.65	54.00	7.35	500.0	200.0	V	358.0	22.2
7944.875000	59.83	---	68.20	8.37	500.0	100.0	V	59.0	23.5

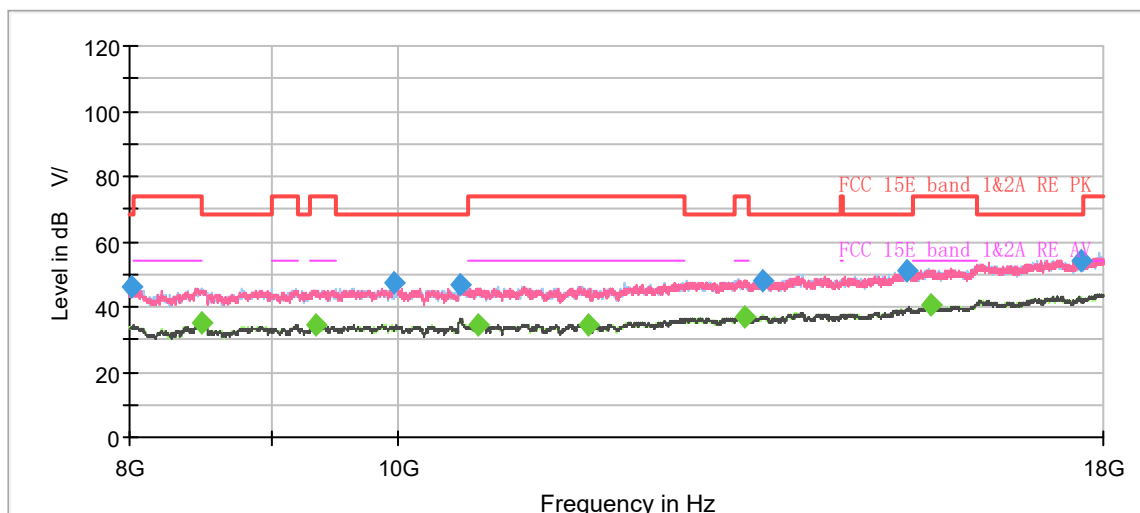
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT40) CH54



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



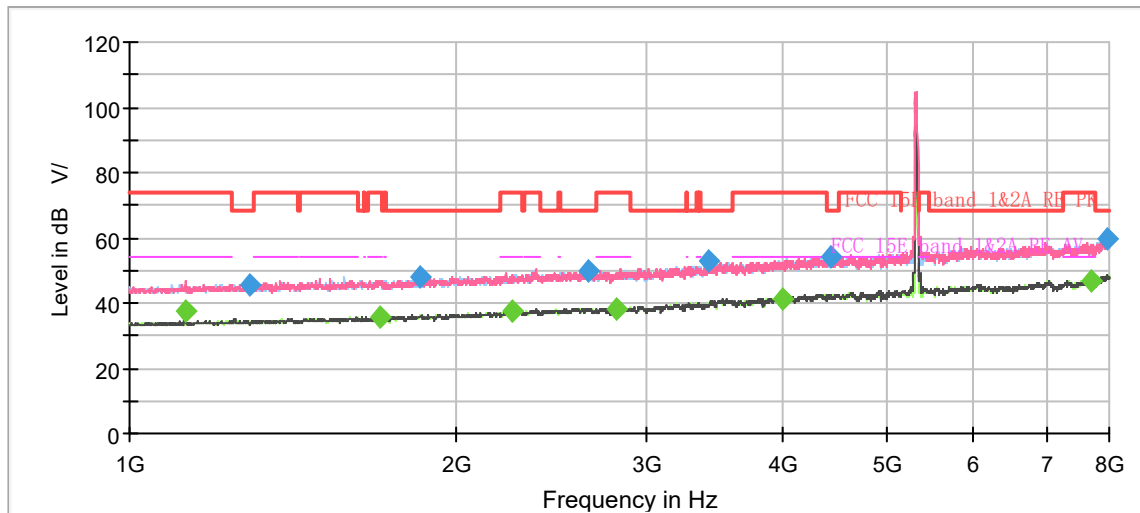
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	36.81	54.00	17.19	500.0	200.0	V	296.0	4.0
1246.750000	46.19	---	68.20	22.01	500.0	100.0	H	172.0	4.8
1697.375000	---	35.79	54.00	18.21	500.0	200.0	V	13.0	7.4
1920.500000	48.03	---	68.20	20.17	500.0	100.0	H	60.0	8.2
2223.250000	---	36.58	54.00	17.42	500.0	100.0	H	218.0	9.4
2638.000000	50.03	---	68.20	18.17	500.0	100.0	H	349.0	10.8
2750.000000	---	38.52	54.00	15.48	500.0	200.0	V	175.0	10.9
3570.750000	52.54	---	68.20	15.66	500.0	100.0	H	105.0	13.8
3956.625000	---	41.55	54.00	12.45	500.0	200.0	V	226.0	14.4
4404.625000	53.98	---	68.20	14.22	500.0	100.0	H	228.0	16.2
7709.500000	---	46.82	54.00	7.18	500.0	200.0	H	298.0	22.2
7973.750000	59.93	---	68.20	8.27	500.0	200.0	H	30.0	23.6

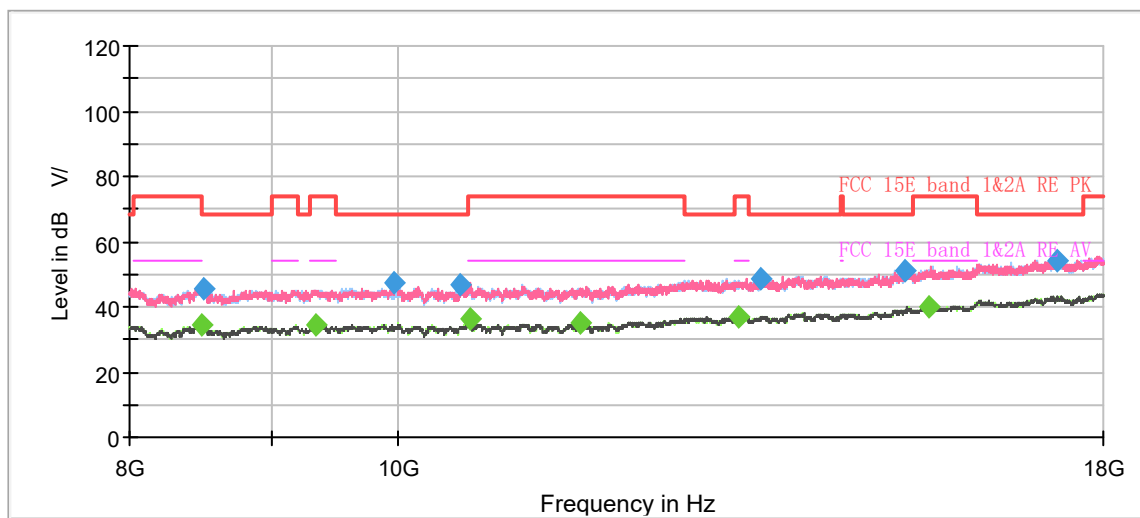
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT40) CH62



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



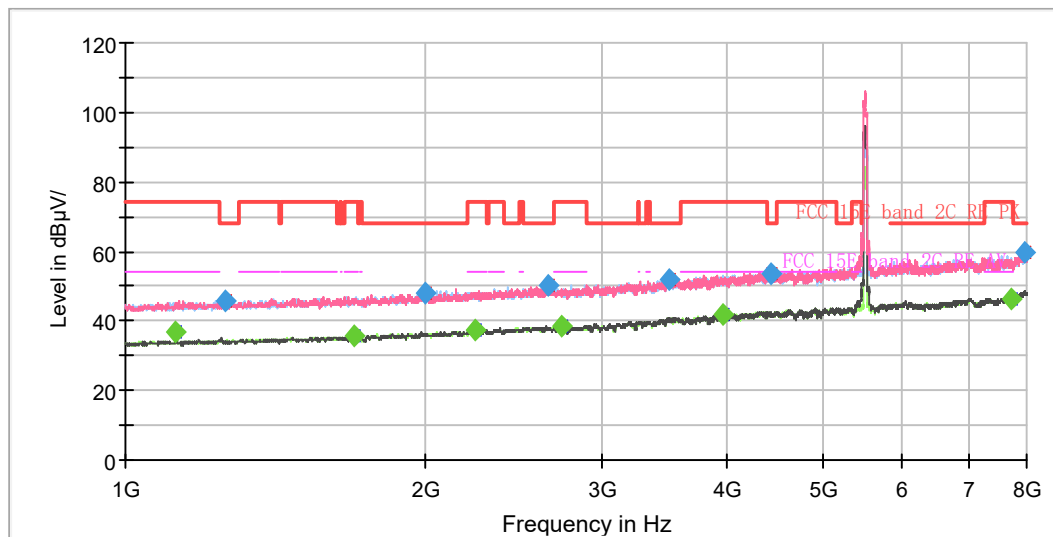
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	37.28	54.00	16.72	500.0	200.0	V	327.0	4.0
1292.250000	45.78	---	68.20	22.42	500.0	200.0	V	201.0	5.0
1704.375000	---	35.62	54.00	18.38	500.0	200.0	H	63.0	7.4
1855.750000	48.07	---	68.20	20.13	500.0	200.0	H	201.0	8.0
2249.500000	---	37.29	54.00	16.71	500.0	100.0	H	321.0	9.5
2650.250000	50.08	---	68.20	18.12	500.0	100.0	H	0.0	10.9
2813.875000	---	38.44	54.00	15.56	500.0	200.0	V	245.0	11.1
3412.375000	52.70	---	68.20	15.50	500.0	200.0	H	149.0	12.9
3997.750000	---	41.53	54.00	12.47	500.0	100.0	V	0.0	14.5
4427.375000	54.19	---	68.20	14.01	500.0	100.0	H	128.0	15.9
7705.125000	---	46.73	54.00	7.27	500.0	100.0	V	80.0	22.2
7973.750000	59.97	---	68.20	8.23	500.0	200.0	H	103.0	23.6

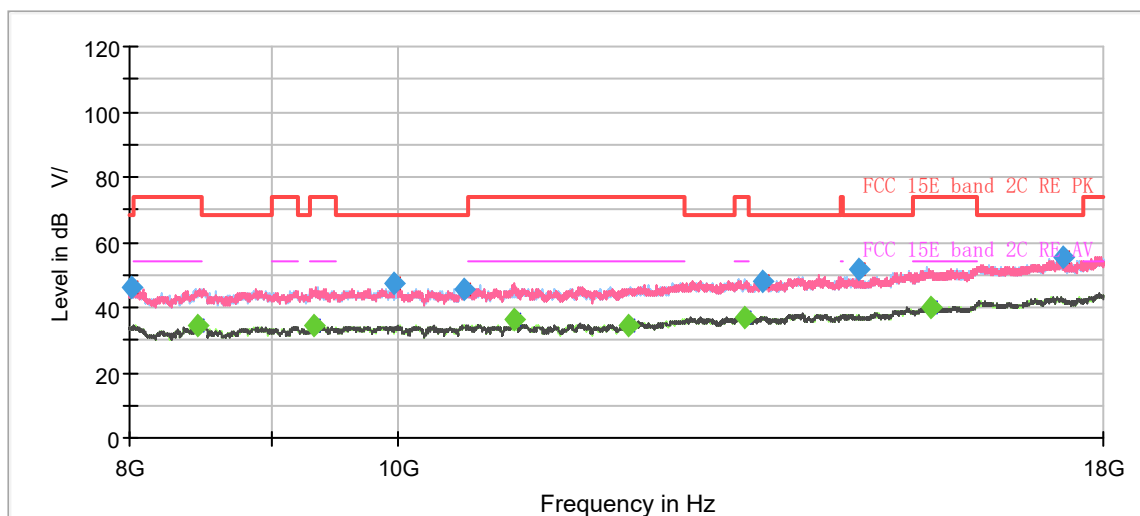
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT40) CH102



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



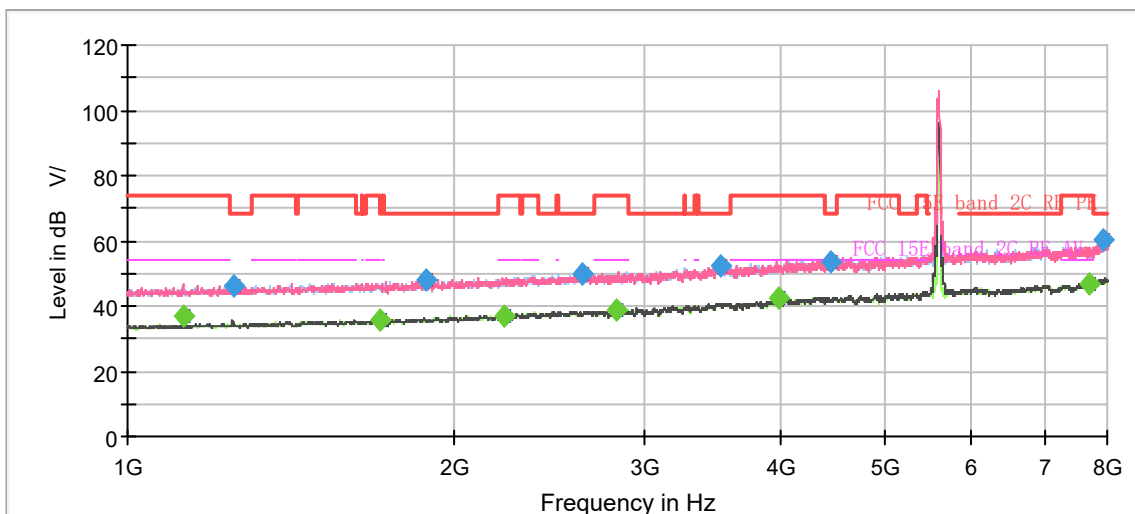
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	36.73	54.00	17.27	500.0	200.0	V	320.0	4.0
1260.750000	45.82	---	68.20	22.38	500.0	100.0	V	84.0	4.9
1696.500000	---	35.77	54.00	18.23	500.0	200.0	H	1.0	7.4
1993.125000	47.74	---	68.20	20.46	500.0	200.0	H	182.0	8.6
2244.250000	---	37.33	54.00	16.67	500.0	100.0	V	43.0	9.6
2652.875000	50.33	---	68.20	17.87	500.0	100.0	H	40.0	10.9
2740.375000	---	38.35	54.00	15.65	500.0	200.0	V	356.0	10.9
3505.125000	51.95	---	68.20	16.25	500.0	100.0	V	17.0	13.9
3969.750000	---	41.71	54.00	12.29	500.0	200.0	V	140.0	14.4
4437.875000	53.31	---	68.20	14.89	500.0	200.0	H	88.0	15.8
7714.750000	---	46.56	54.00	7.44	500.0	100.0	H	0.0	22.2
7965.875000	59.77	---	68.20	8.43	500.0	100.0	H	301.0	23.6

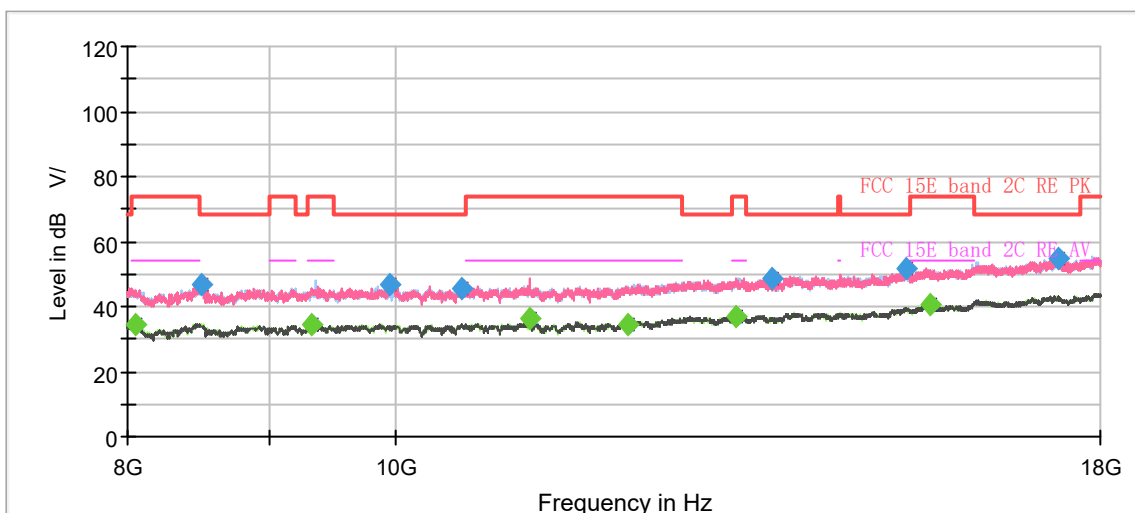
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT40) CH118



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



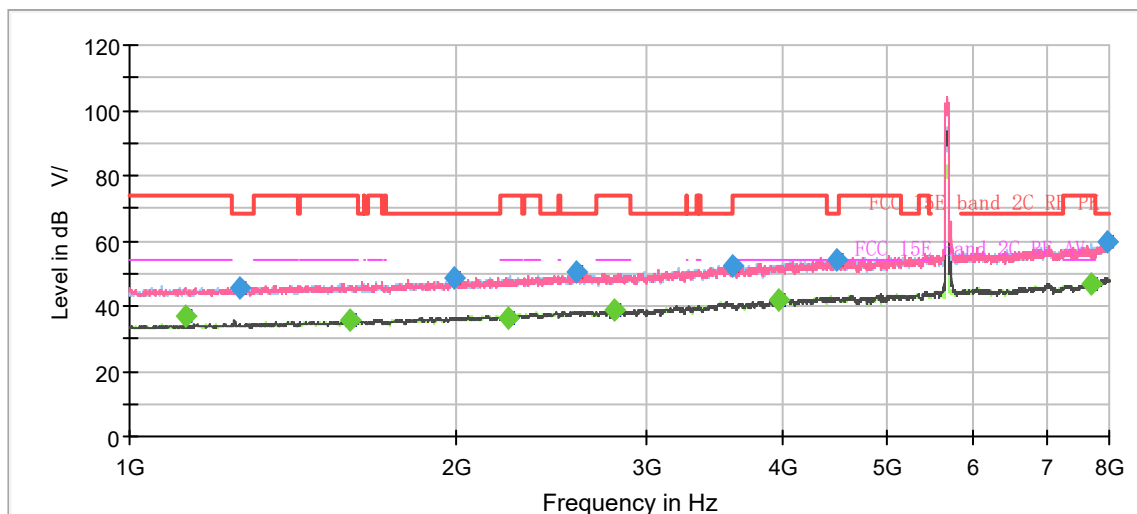
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	36.94	54.00	17.06	500.0	200.0	V	333.0	4.0
1250.250000	46.20	---	68.20	22.00	500.0	200.0	V	323.0	4.8
1707.875000	---	35.85	54.00	18.15	500.0	200.0	V	314.0	7.5
1888.125000	47.97	---	68.20	20.23	500.0	200.0	V	276.0	8.2
2224.125000	---	36.78	54.00	17.22	500.0	200.0	H	71.0	9.4
2625.750000	50.09	---	68.20	18.11	500.0	100.0	H	117.0	10.6
2825.250000	---	38.57	54.00	15.43	500.0	100.0	V	160.0	11.1
3515.625000	52.32	---	68.20	15.88	500.0	100.0	V	144.0	14.0
3977.625000	---	42.23	54.00	11.77	500.0	200.0	H	101.0	14.5
4444.875000	53.39	---	68.20	14.81	500.0	100.0	H	117.0	15.8
7698.125000	---	46.59	54.00	7.41	500.0	100.0	V	110.0	22.2
7934.375000	60.29	---	68.20	7.91	500.0	100.0	H	157.0	23.5

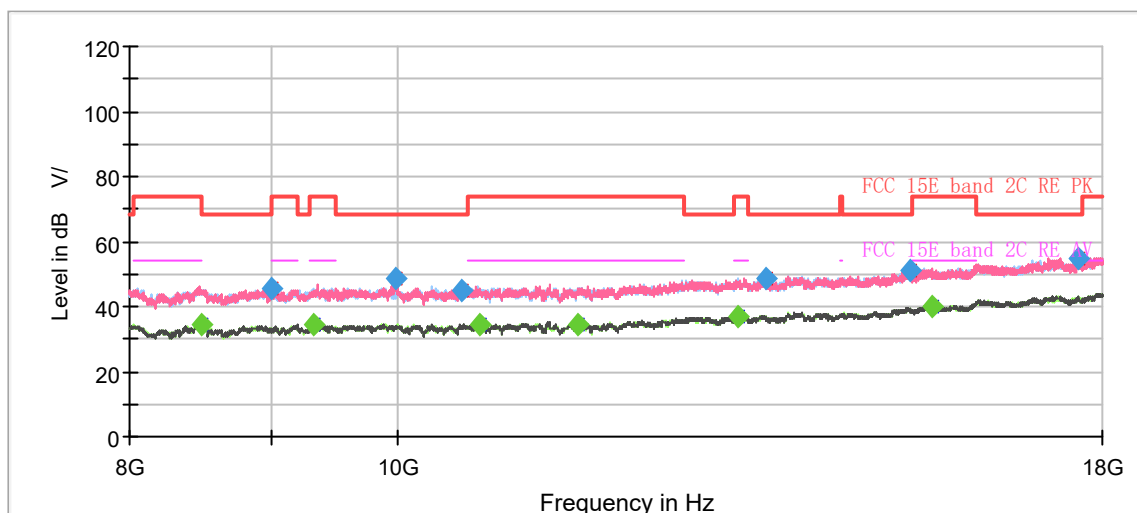
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT40) CH134



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



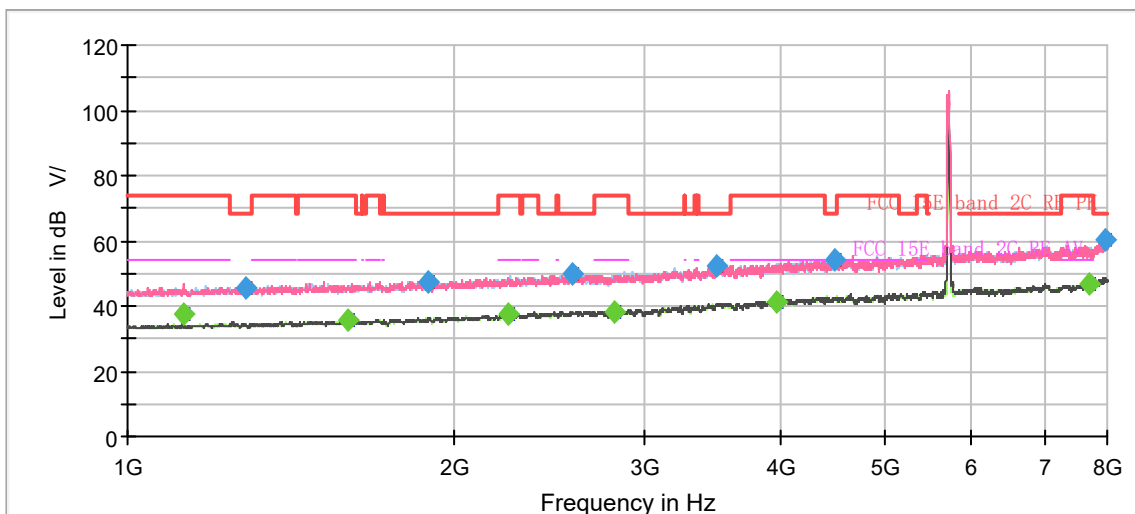
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	36.91	54.00	17.09	500.0	200.0	V	336.0	4.0
1264.250000	45.63	---	68.20	22.57	500.0	100.0	H	97.0	4.9
1597.625000	---	35.78	54.00	18.22	500.0	200.0	V	345.0	6.8
1989.625000	48.81	---	68.20	19.39	500.0	200.0	V	237.0	8.7
2234.625000	---	36.59	54.00	17.41	500.0	200.0	H	71.0	9.5
2586.375000	50.25	---	68.20	17.95	500.0	100.0	V	238.0	10.7
2800.750000	---	38.72	54.00	15.28	500.0	100.0	H	195.0	11.0
3593.500000	52.30	---	68.20	15.90	500.0	200.0	V	61.0	13.8
3970.625000	---	41.87	54.00	12.13	500.0	100.0	V	0.0	14.5
4479.875000	54.22	---	68.20	13.98	500.0	100.0	H	2.0	15.8
7713.000000	---	46.69	54.00	7.31	500.0	100.0	H	0.0	22.2
7952.750000	59.92	---	68.20	8.28	500.0	100.0	V	66.0	23.5

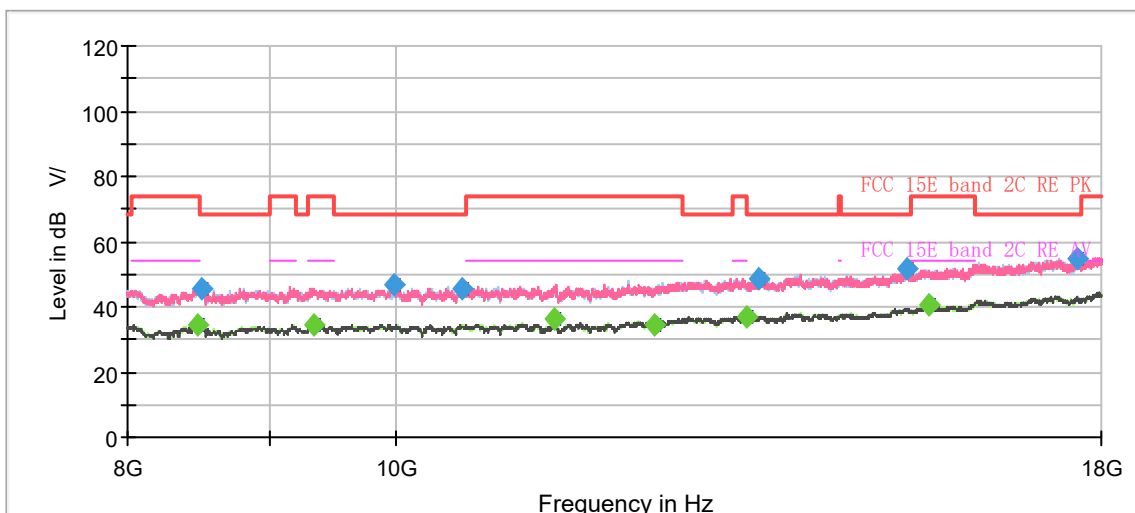
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT40) CH142



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



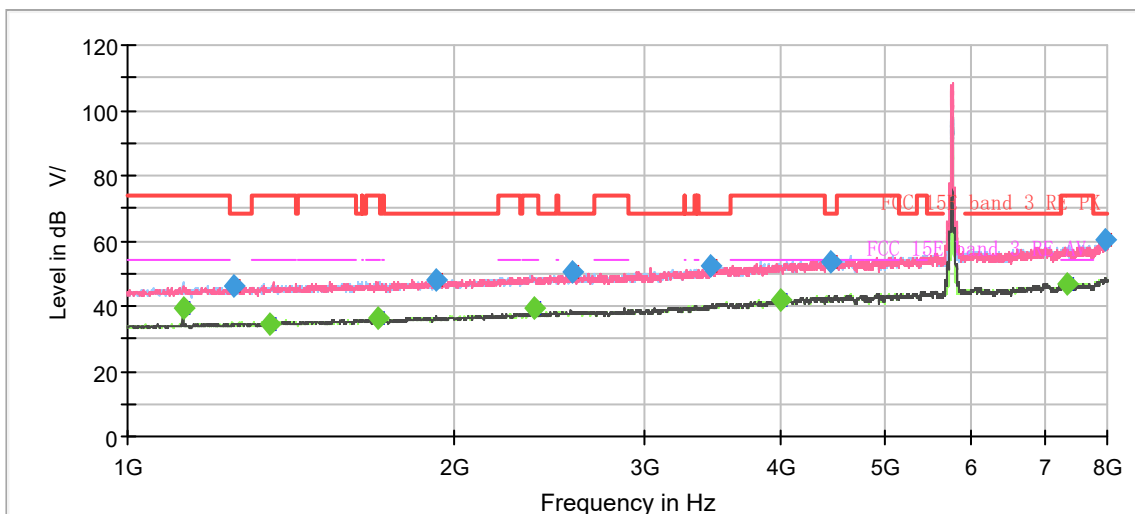
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	37.43	54.00	16.57	500.0	200.0	V	299.0	4.0
1282.625000	45.84	---	68.20	22.36	500.0	100.0	H	277.0	5.0
1596.750000	---	35.81	54.00	18.19	500.0	200.0	V	339.0	6.8
1896.000000	47.58	---	68.20	20.62	500.0	100.0	V	52.0	8.1
2239.000000	---	37.80	54.00	16.20	500.0	100.0	H	287.0	9.6
2568.000000	49.69	---	68.20	18.51	500.0	100.0	H	44.0	10.7
2809.500000	---	38.30	54.00	15.70	500.0	200.0	V	348.0	11.1
3488.500000	52.39	---	68.20	15.81	500.0	200.0	H	174.0	13.8
3971.500000	---	41.52	54.00	12.48	500.0	200.0	H	33.0	14.5
4480.750000	54.19	---	68.20	14.01	500.0	100.0	V	218.0	15.8
7704.250000	---	46.82	54.00	7.18	500.0	100.0	V	83.0	22.2
7952.750000	60.33	---	68.20	7.87	500.0	100.0	V	26.0	23.5

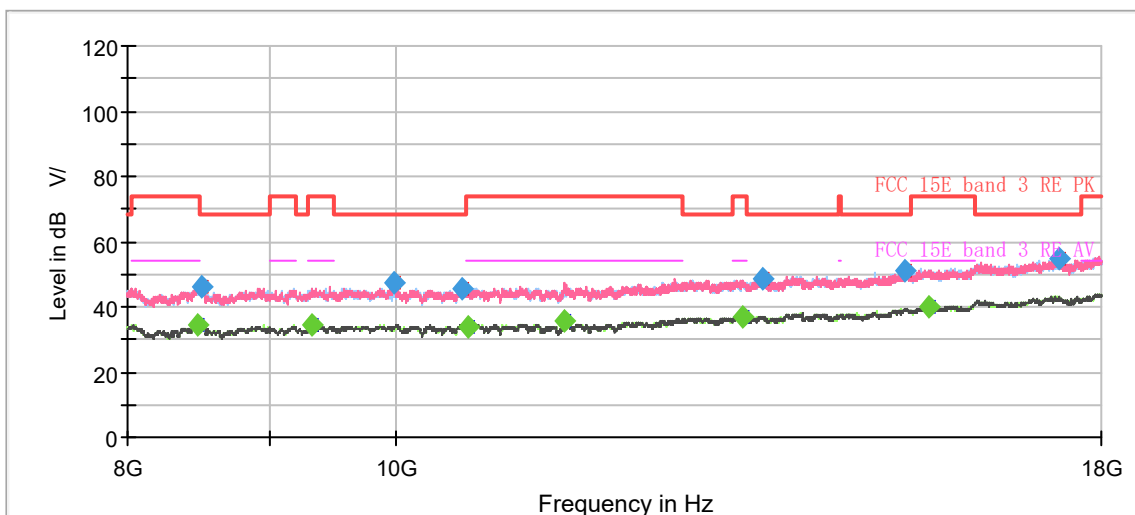
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT40) CH151



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



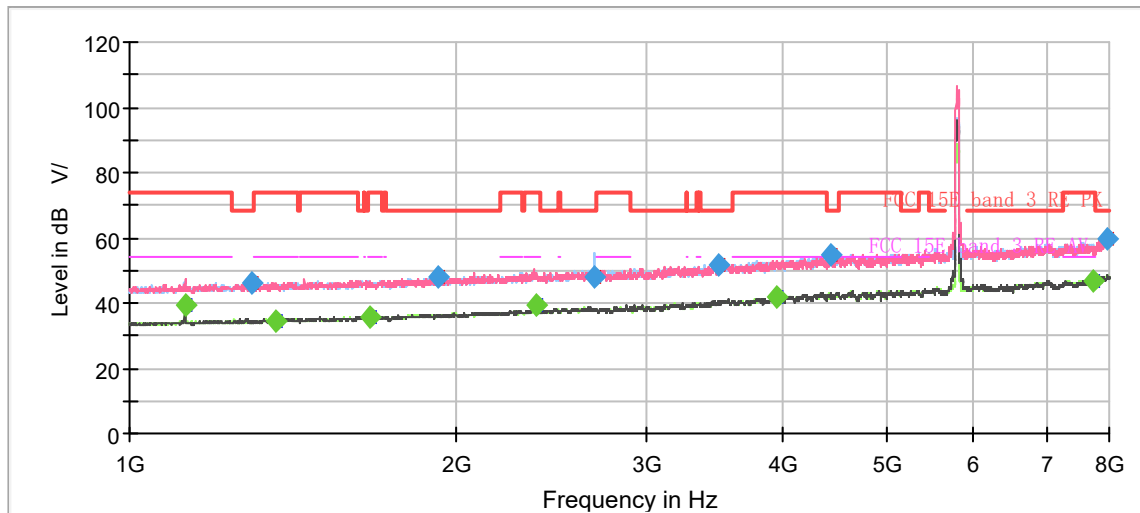
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	39.13	54.00	14.87	500.0	200.0	H	334.0	4.0
1251.125000	46.27	---	68.20	21.93	500.0	100.0	H	260.0	4.8
1354.375000	---	34.63	54.00	19.37	500.0	200.0	H	41.0	5.4
1704.375000	---	36.09	54.00	17.91	500.0	200.0	H	138.0	7.4
1925.750000	48.10	---	68.20	20.10	500.0	200.0	V	292.0	8.3
2374.625000	---	39.28	54.00	14.72	500.0	200.0	V	335.0	10.0
2575.000000	50.36	---	68.20	17.84	500.0	200.0	H	91.0	10.8
3442.125000	52.53	---	68.20	15.67	500.0	200.0	H	180.0	13.2
3999.500000	---	41.84	54.00	12.16	500.0	200.0	V	135.0	14.6
4451.875000	53.59	---	68.20	14.61	500.0	100.0	V	19.0	15.7
7349.000000	---	46.84	54.00	7.16	500.0	200.0	H	355.0	21.2
7958.000000	60.19	---	68.20	8.01	500.0	200.0	H	0.0	23.6

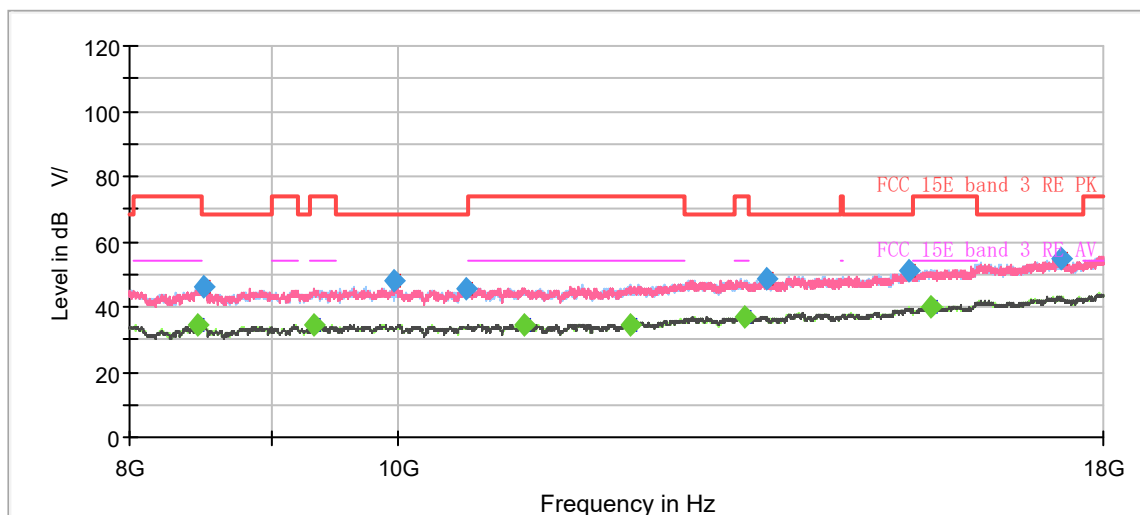
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT40) CH159



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



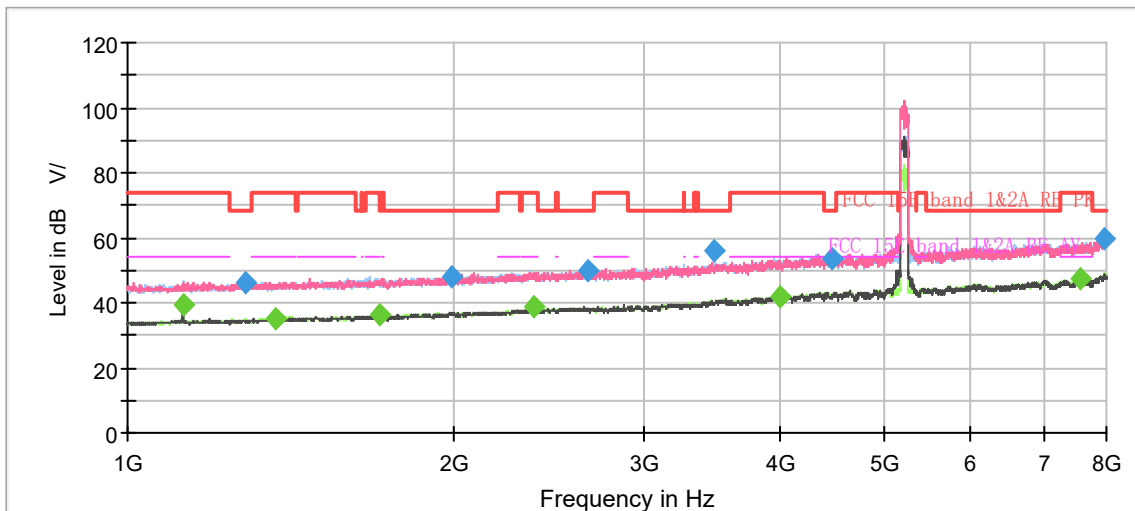
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	39.16	54.00	14.84	500.0	200.0	H	188.0	4.0
1298.375000	46.07	---	68.20	22.13	500.0	100.0	H	41.0	5.0
1366.625000	---	34.46	54.00	19.54	500.0	100.0	H	120.0	5.5
1664.125000	---	35.89	54.00	18.11	500.0	200.0	H	181.0	7.0
1922.250000	48.20	---	68.20	20.00	500.0	100.0	H	77.0	8.2
2374.625000	---	39.47	54.00	14.53	500.0	200.0	V	241.0	10.0
2678.250000	47.78	---	68.20	20.42	500.0	100.0	V	287.0	10.8
3497.250000	51.95	---	68.20	16.25	500.0	200.0	H	37.0	13.8
3954.875000	---	41.98	54.00	12.02	500.0	200.0	V	67.0	14.4
4427.375000	54.74	---	68.20	13.46	500.0	200.0	H	238.0	15.9
7729.625000	---	46.81	54.00	7.19	500.0	200.0	H	181.0	22.3
7982.500000	59.73	---	68.20	8.47	500.0	200.0	H	12.0	23.6

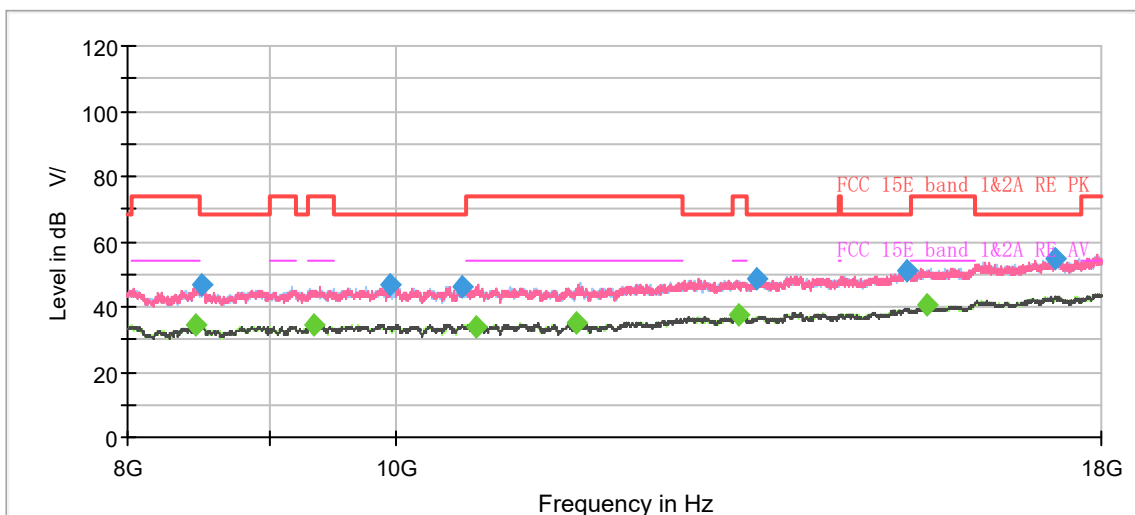
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT80) CH42



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



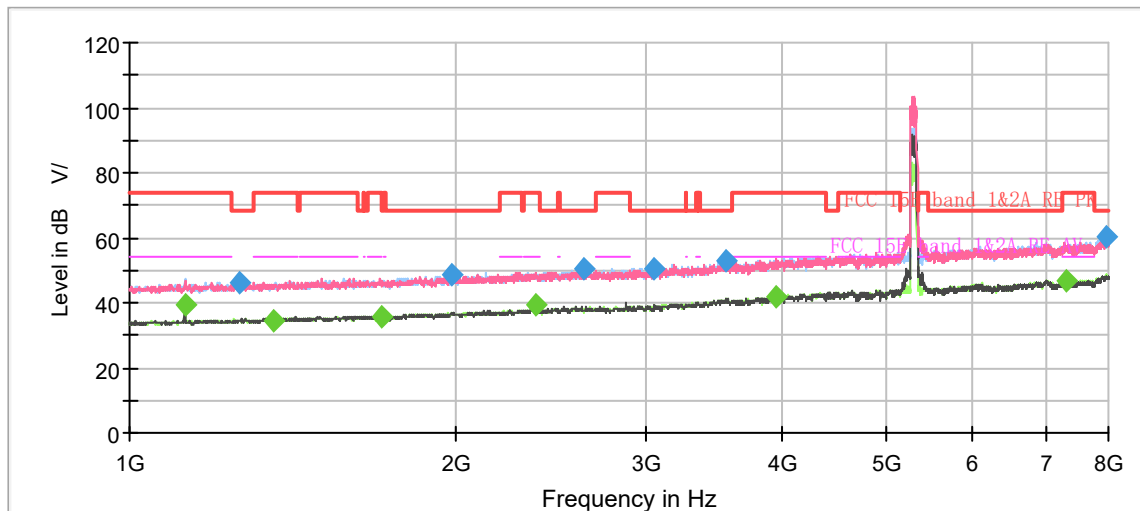
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	39.32	54.00	14.68	500.0	200.0	H	2.0	4.0
1285.250000	46.37	---	68.20	21.83	500.0	200.0	V	0.0	5.0
1367.500000	---	35.16	54.00	18.84	500.0	200.0	V	78.0	5.5
1706.125000	---	36.37	54.00	17.63	500.0	200.0	H	325.0	7.4
1990.500000	48.28	---	68.20	19.92	500.0	200.0	H	42.0	8.7
2374.625000	---	38.88	54.00	15.12	500.0	200.0	V	43.0	10.0
2662.500000	49.89	---	68.20	18.31	500.0	100.0	H	157.0	10.8
3483.250000	56.11	---	68.20	12.09	500.0	100.0	H	162.0	13.8
3997.750000	---	41.80	54.00	12.20	500.0	200.0	H	280.0	14.5
4475.500000	53.75	---	68.20	14.45	500.0	100.0	V	172.0	15.8
7573.000000	---	47.12	54.00	6.88	500.0	100.0	H	77.0	21.6
7965.000000	59.69	---	68.20	8.51	500.0	100.0	V	0.0	23.6

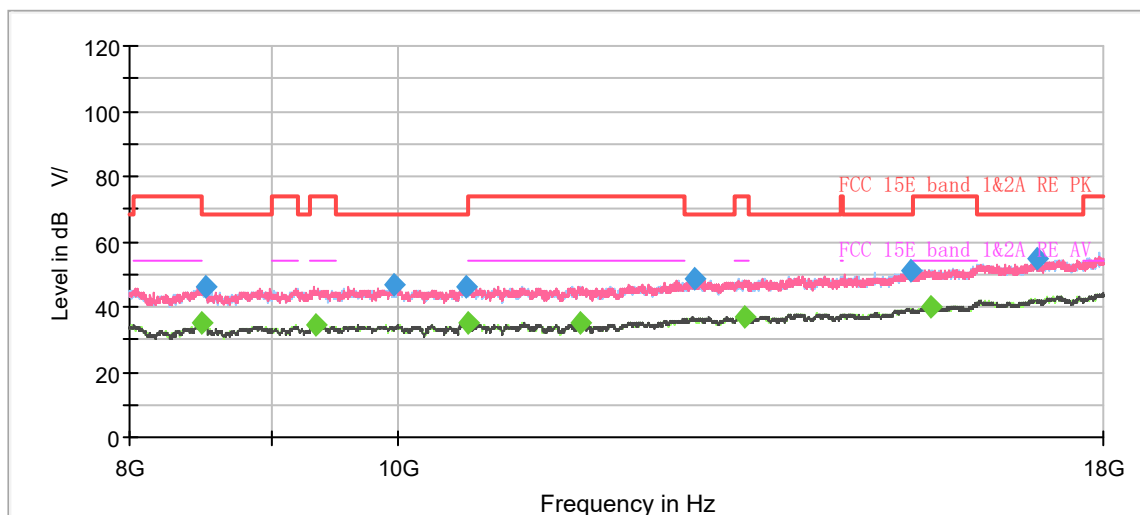
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT80) CH58



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



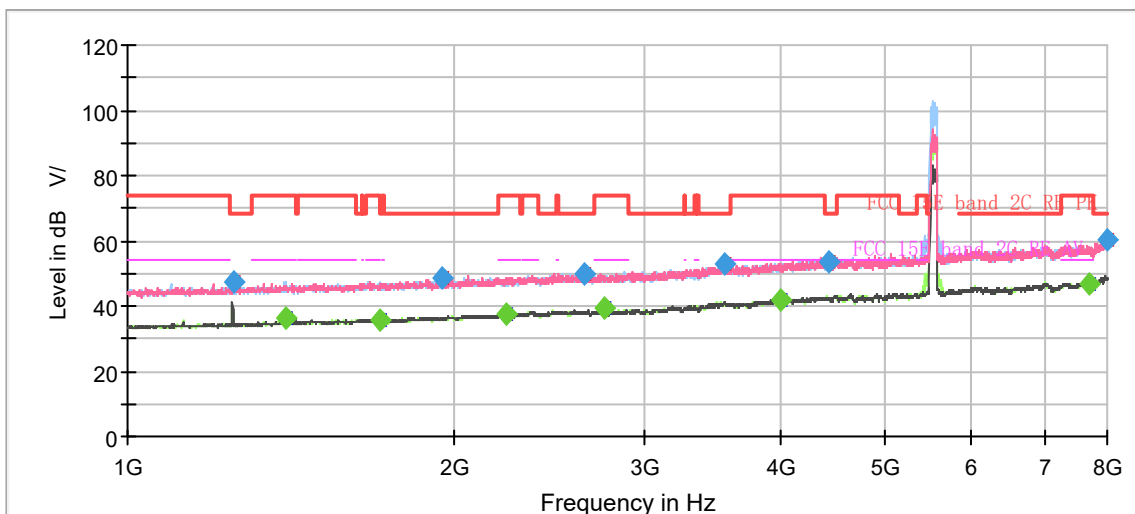
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	39.24	54.00	14.76	500.0	200.0	H	11.0	4.0
1262.500000	45.92	---	68.20	22.28	500.0	100.0	V	264.0	4.9
1359.625000	---	34.54	54.00	19.46	500.0	200.0	H	302.0	5.5
1707.000000	---	35.81	54.00	18.19	500.0	200.0	H	170.0	7.4
1980.875000	48.43	---	68.20	19.77	500.0	200.0	H	332.0	8.6
2374.625000	---	39.29	54.00	14.71	500.0	200.0	V	85.0	10.0
2626.625000	50.38	---	68.20	17.82	500.0	200.0	V	158.0	10.6
3040.500000	50.71	---	68.20	17.49	500.0	100.0	H	166.0	11.8
3555.875000	52.82	---	68.20	15.38	500.0	200.0	H	223.0	14.0
3954.000000	---	41.75	54.00	12.25	500.0	200.0	H	104.0	14.4
7314.875000	---	46.81	54.00	7.19	500.0	200.0	H	302.0	21.3
7966.750000	60.22	---	68.20	7.98	500.0	200.0	V	33.0	23.6

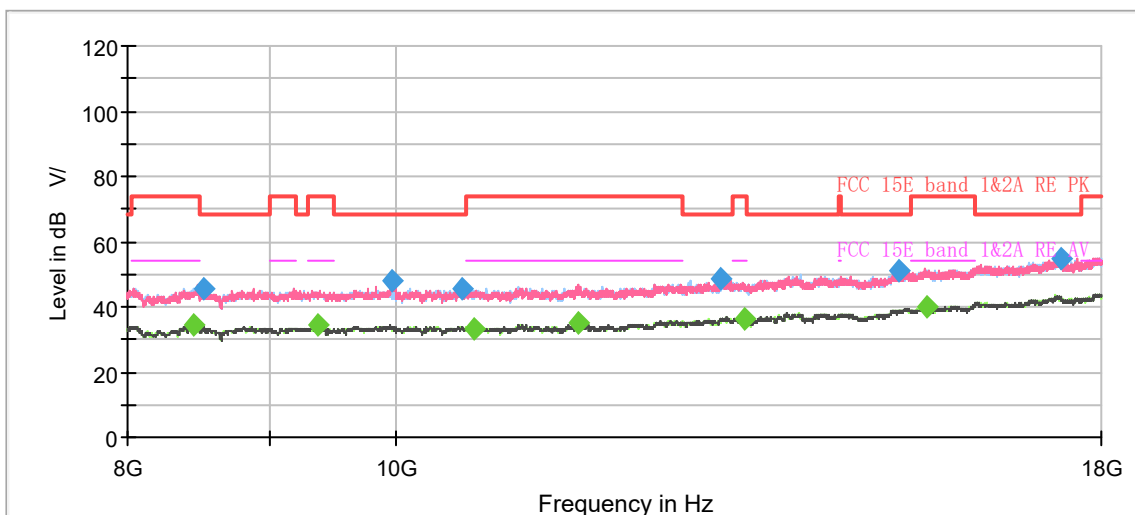
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT80) CH106



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



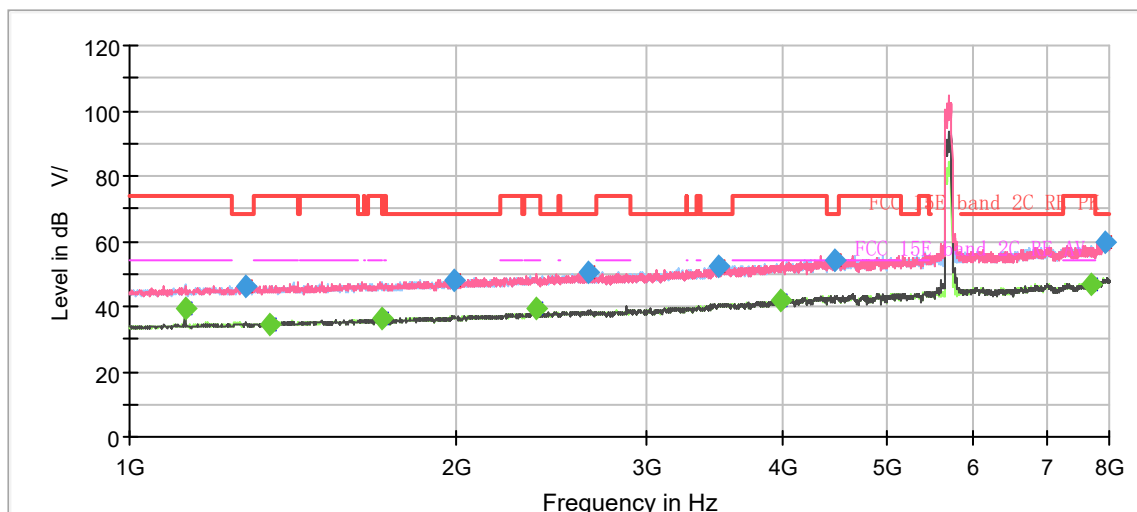
Radiates Emission from 8GHz to 18GHz

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)
1250.250000	47.68	---	68.20	20.52	500.0	200.0	V	331.0	4.8
1396.375000	---	36.21	54.00	17.79	500.0	200.0	H	57.0	5.7
1707.875000	---	35.93	54.00	18.07	500.0	200.0	H	265.0	7.5
1948.500000	48.76	---	68.20	19.44	500.0	200.0	H	33.0	8.3
2234.625000	---	37.41	54.00	16.59	500.0	100.0	V	96.0	9.5
2633.625000	49.99	---	68.20	18.21	500.0	200.0	V	19.0	10.7
2750.000000	---	39.24	54.00	14.76	500.0	200.0	V	0.0	10.9
3553.250000	52.83	---	68.20	15.37	500.0	100.0	V	316.0	14.0
3996.875000	---	41.85	54.00	12.15	500.0	100.0	V	244.0	14.5
4421.250000	53.78	---	68.20	14.42	500.0	100.0	H	194.0	16.0
7705.125000	---	47.04	54.00	6.96	500.0	100.0	V	60.0	22.2
7988.625000	60.11	---	68.20	8.09	500.0	100.0	V	259.0	23.6

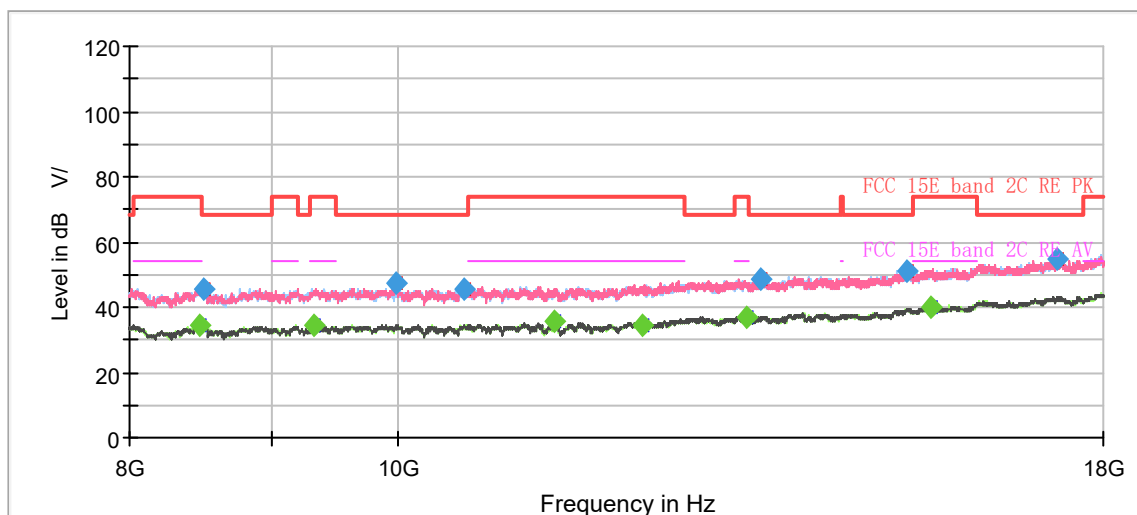
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT80) CH138



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



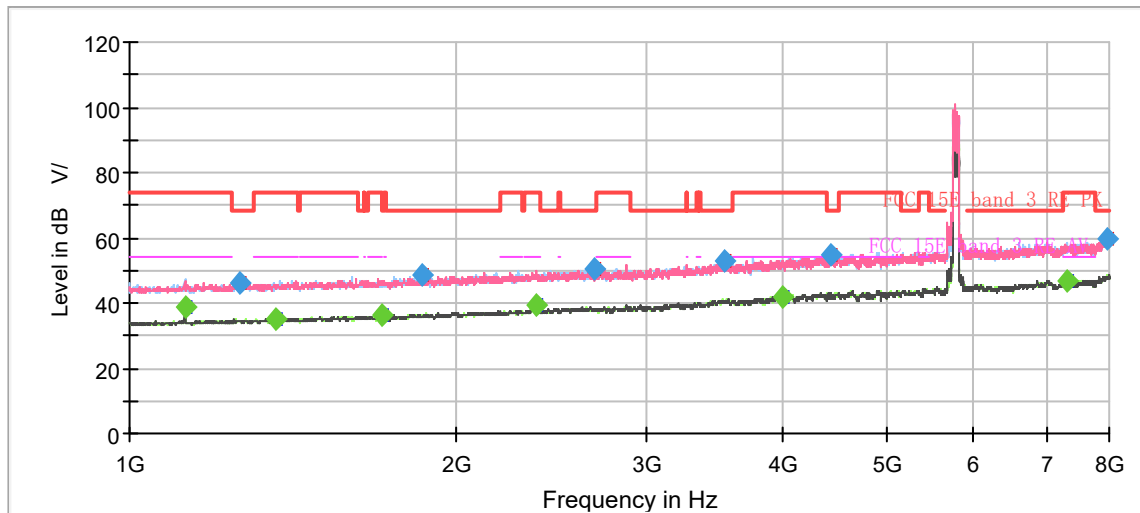
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	39.12	54.00	14.88	500.0	200.0	H	318.0	4.0
1277.375000	46.37	---	68.20	21.83	500.0	200.0	V	84.0	5.0
1345.625000	---	34.51	54.00	19.49	500.0	200.0	H	238.0	5.3
1707.875000	---	36.16	54.00	17.84	500.0	200.0	H	29.0	7.5
1988.750000	48.15	---	68.20	20.05	500.0	100.0	V	248.0	8.7
2374.625000	---	39.64	54.00	14.36	500.0	200.0	V	258.0	10.0
2647.625000	50.32	---	68.20	17.88	500.0	200.0	H	136.0	10.8
3494.625000	52.29	---	68.20	15.91	500.0	200.0	V	262.0	13.8
3977.625000	---	42.02	54.00	11.98	500.0	200.0	V	0.0	14.5
4475.500000	54.39	---	68.20	13.81	500.0	200.0	H	39.0	15.8
7708.625000	---	46.87	54.00	7.13	500.0	200.0	H	126.0	22.2
7945.750000	59.96	---	68.20	8.24	500.0	100.0	V	54.0	23.5

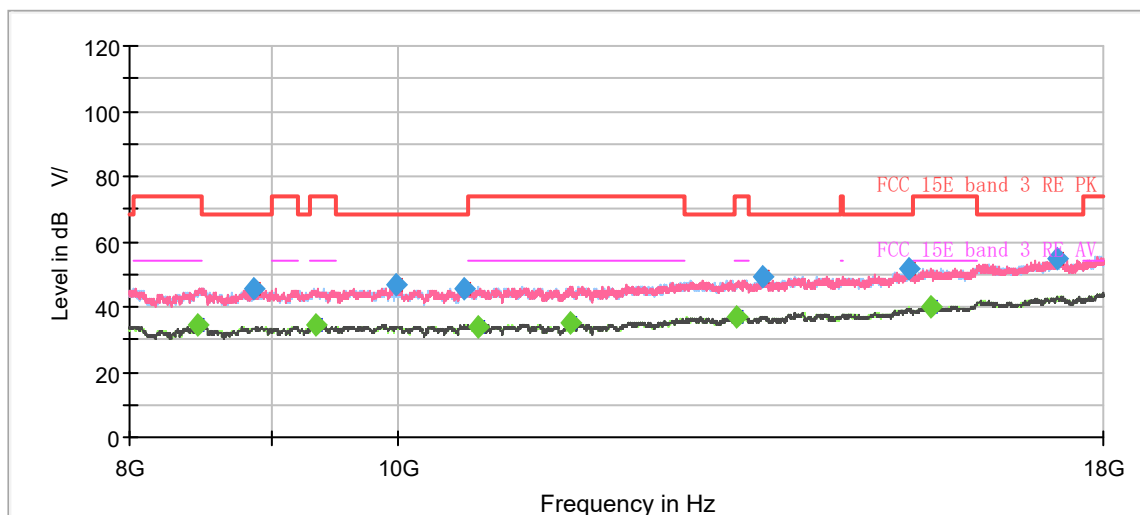
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT80) CH155



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



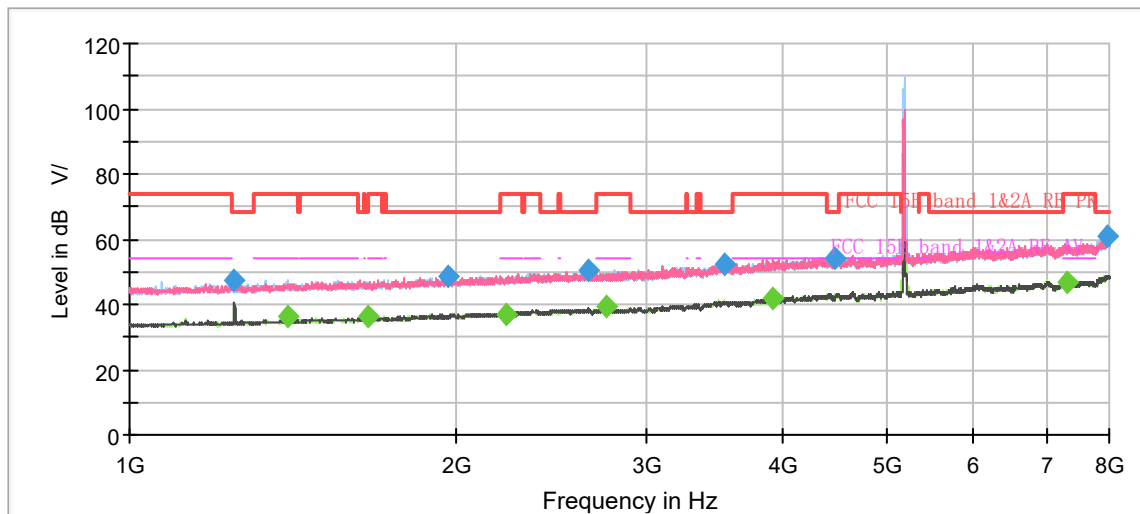
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	38.95	54.00	15.05	500.0	200.0	H	336.0	4.0
1265.125000	46.09	---	68.20	22.11	500.0	200.0	H	27.0	4.9
1366.625000	---	35.01	54.00	18.99	500.0	200.0	H	135.0	5.5
1705.250000	---	36.24	54.00	17.76	500.0	200.0	V	261.0	7.4
1861.875000	48.39	---	68.20	19.81	500.0	100.0	V	39.0	8.0
2374.625000	---	39.28	54.00	14.72	500.0	200.0	V	320.0	10.0
2680.875000	50.48	---	68.20	17.72	500.0	200.0	V	215.0	10.8
3535.750000	52.87	---	68.20	15.33	500.0	200.0	V	23.0	14.1
3997.750000	---	41.98	54.00	12.02	500.0	200.0	H	182.0	14.5
4425.625000	54.49	---	68.20	13.71	500.0	200.0	V	291.0	16.0
7314.000000	---	46.75	54.00	7.25	500.0	200.0	H	27.0	21.3
7970.250000	59.41	---	68.20	8.79	500.0	100.0	H	228.0	23.6

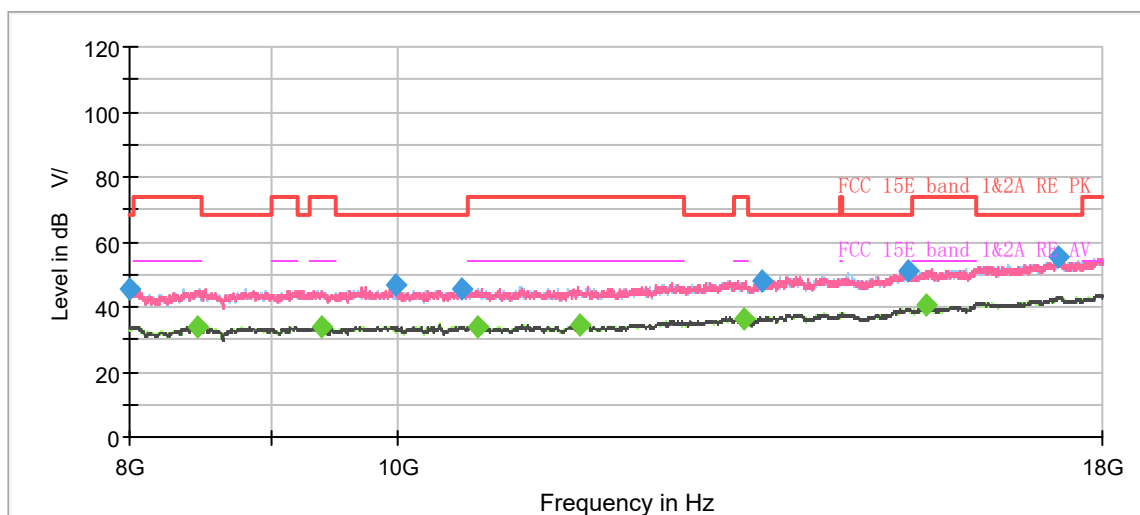
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ax (HE20) CH36



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



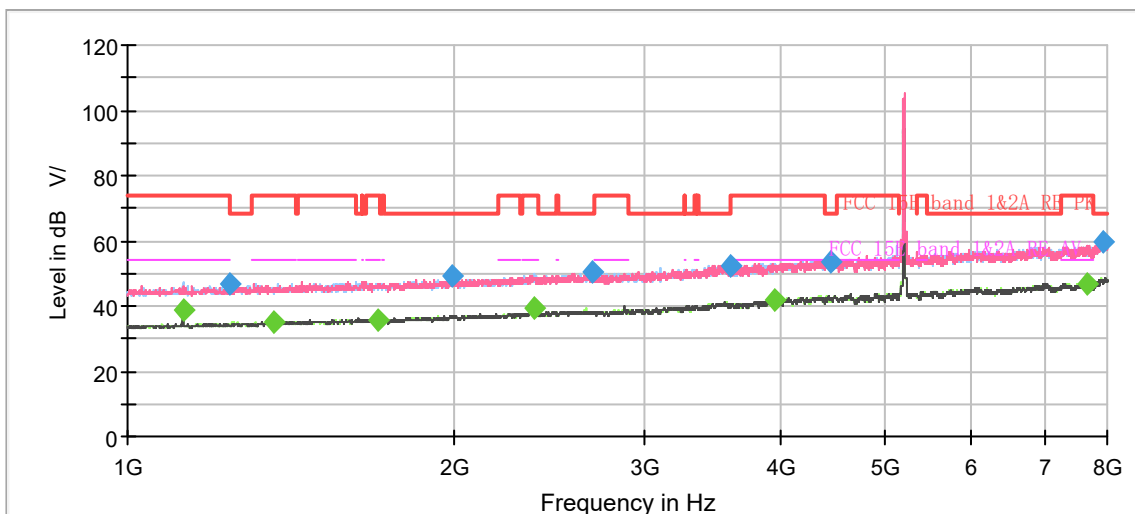
Radiates Emission from 8GHz to 18GHz

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)
1249.375000	47.25	---	68.20	20.95	500.0	200.0	V	339.0	4.8
1399.000000	---	36.06	54.00	17.94	500.0	200.0	H	52.0	5.7
1660.625000	---	36.15	54.00	17.85	500.0	200.0	H	63.0	7.0
1964.250000	48.39	---	68.20	19.81	500.0	100.0	V	263.0	8.4
2223.250000	---	36.79	54.00	17.21	500.0	200.0	H	67.0	9.4
2647.625000	50.23	---	68.20	17.97	500.0	200.0	H	293.0	10.8
2750.000000	---	39.16	54.00	14.84	500.0	200.0	V	176.0	10.9
3533.125000	52.36	---	68.20	15.84	500.0	100.0	H	315.0	14.1
3923.375000	---	41.88	54.00	12.12	500.0	200.0	V	28.0	14.3
4471.125000	54.37	---	68.20	13.83	500.0	200.0	H	354.0	15.8
7312.250000	---	47.03	54.00	6.97	500.0	100.0	H	7.0	21.3
7965.000000	61.05	---	68.20	7.15	500.0	100.0	V	188.0	23.6

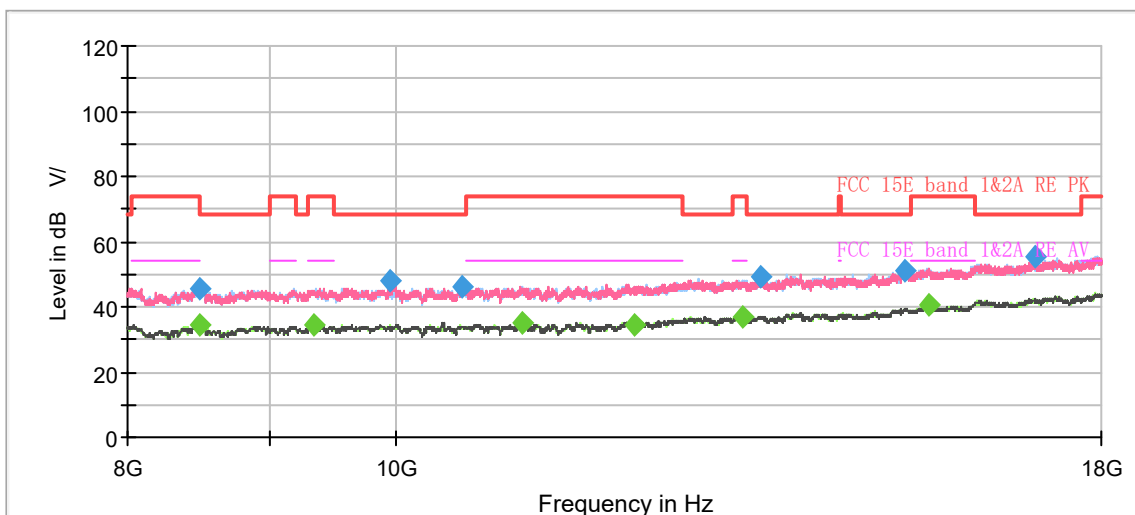
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ax (HE20) CH40



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



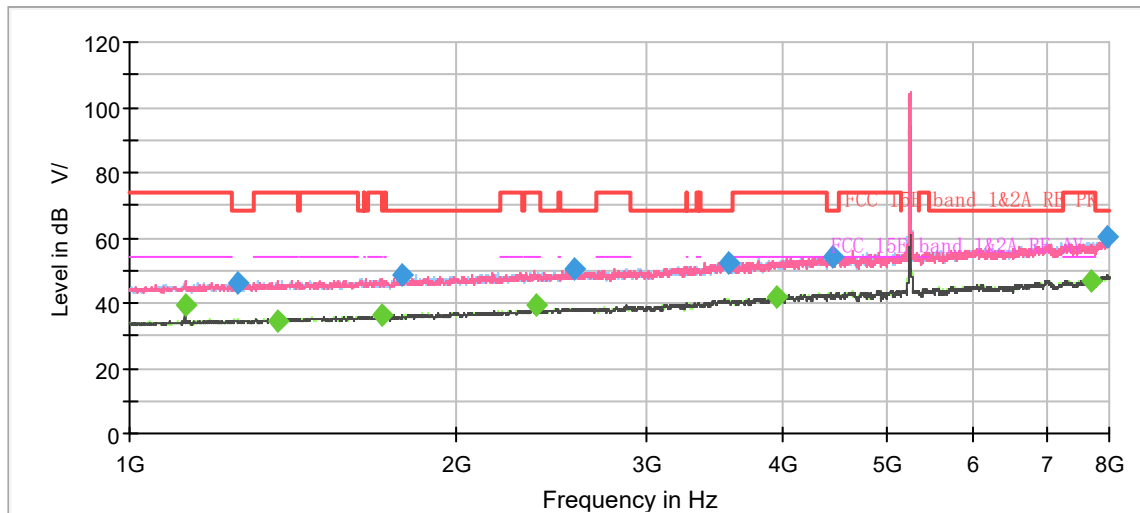
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	38.88	54.00	15.12	500.0	200.0	H	11.0	4.0
1242.375000	46.63	---	68.20	21.57	500.0	200.0	V	201.0	4.8
1362.250000	---	35.01	54.00	18.99	500.0	100.0	H	241.0	5.5
1702.625000	---	35.98	54.00	18.02	500.0	200.0	V	121.0	7.4
1990.500000	49.15	---	68.20	19.05	500.0	100.0	V	130.0	8.7
2374.625000	---	39.22	54.00	14.78	500.0	200.0	V	310.0	10.0
2676.500000	50.37	---	68.20	17.83	500.0	200.0	H	2.0	10.8
3589.125000	52.38	---	68.20	15.82	500.0	100.0	H	217.0	13.8
3954.000000	---	41.74	54.00	12.26	500.0	200.0	H	97.0	14.4
4448.375000	53.58	---	68.20	14.62	500.0	100.0	H	333.0	15.7
7664.875000	---	46.88	54.00	7.12	500.0	200.0	H	54.0	22.0
7939.625000	59.94	---	68.20	8.26	500.0	200.0	V	230.0	23.5

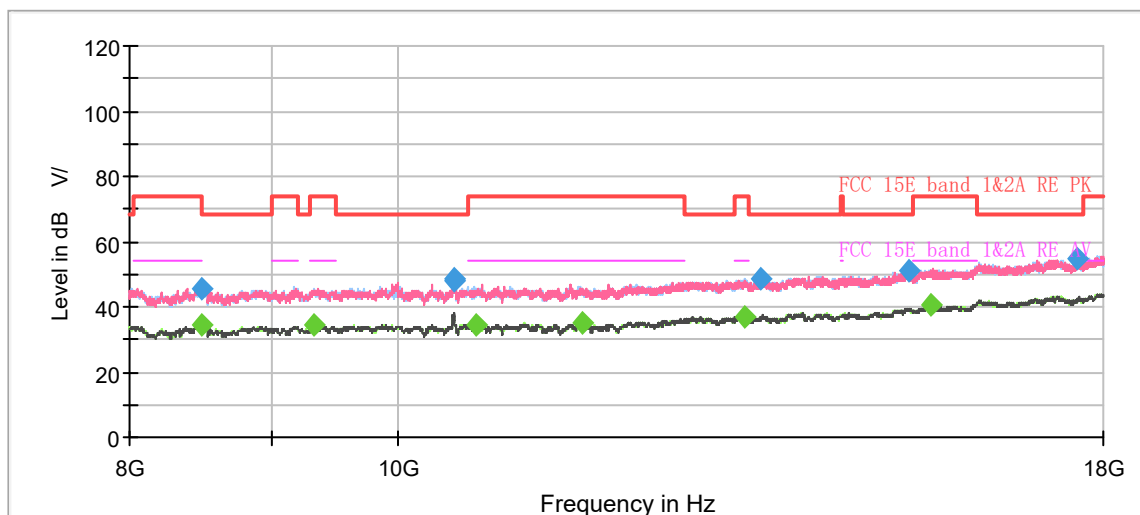
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ax (HE20) CH48



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



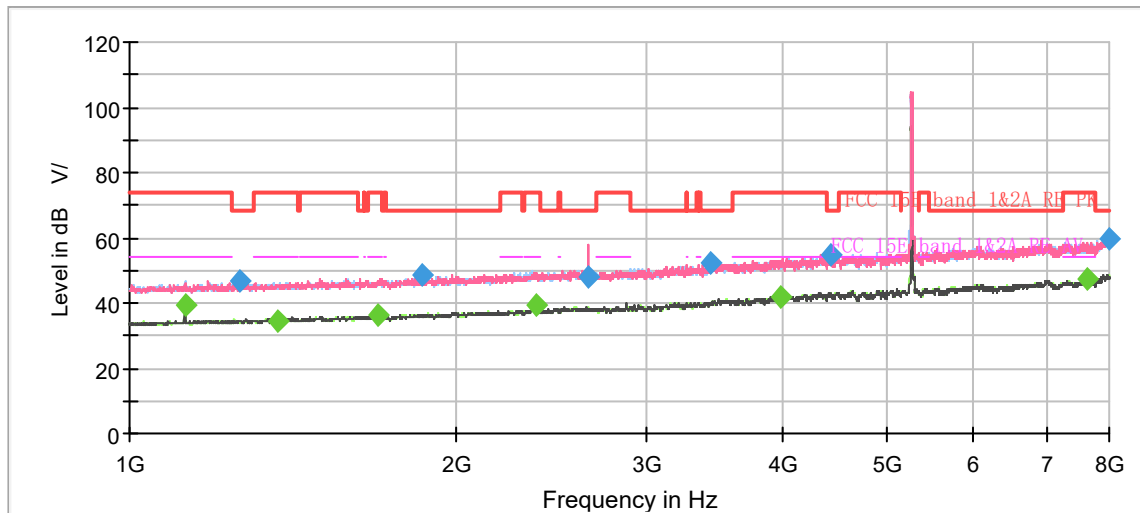
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	39.22	54.00	14.78	500.0	200.0	H	24.0	4.0
1259.000000	46.25	---	68.20	21.95	500.0	100.0	V	68.0	4.9
1367.500000	---	34.29	54.00	19.71	500.0	200.0	H	81.0	5.5
1706.125000	---	36.48	54.00	17.52	500.0	200.0	V	192.0	7.4
1782.250000	48.70	---	68.20	19.50	500.0	200.0	H	224.0	7.5
2374.625000	---	39.09	54.00	14.91	500.0	200.0	V	322.0	10.0
2567.125000	50.23	---	68.20	17.97	500.0	100.0	H	311.0	10.7
3562.875000	52.35	---	68.20	15.85	500.0	200.0	H	63.0	13.9
3944.375000	---	41.82	54.00	12.18	500.0	100.0	V	91.0	14.4
4454.500000	54.10	---	68.20	14.10	500.0	200.0	H	190.0	15.7
7706.875000	---	46.88	54.00	7.12	500.0	100.0	V	14.0	22.2
7963.250000	60.39	---	68.20	7.81	500.0	100.0	H	74.0	23.6

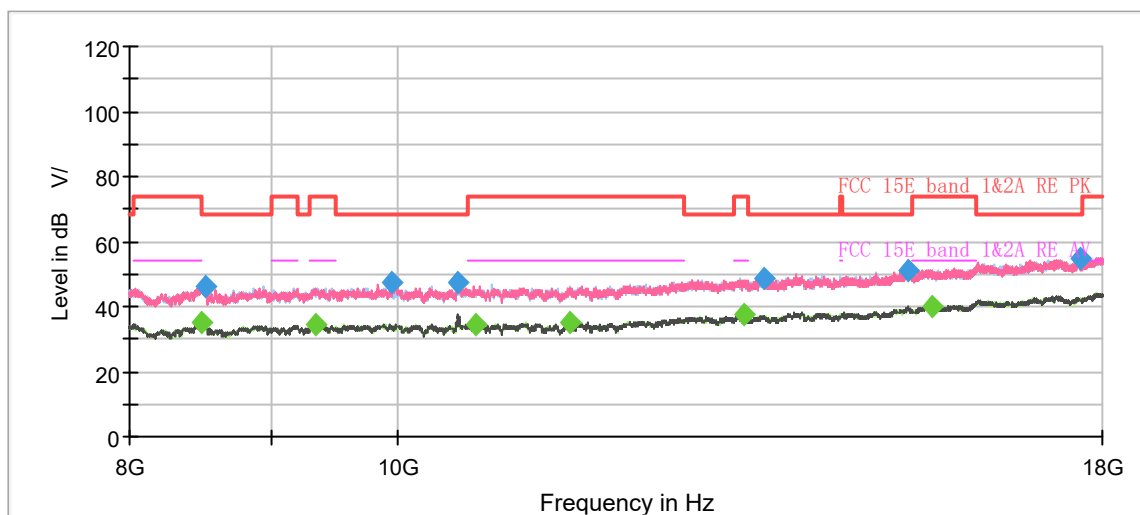
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ax (HE20) CH52



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



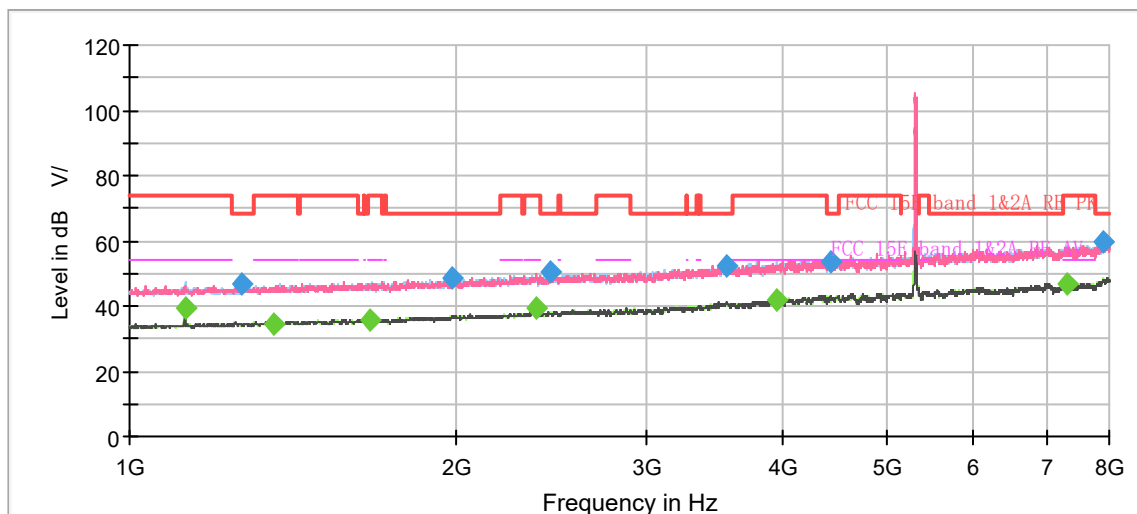
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	39.30	54.00	14.70	500.0	200.0	H	11.0	4.0
1266.000000	46.64	---	68.20	21.56	500.0	200.0	V	359.0	4.9
1371.000000	---	34.60	54.00	19.40	500.0	100.0	H	48.0	5.5
1693.875000	---	36.05	54.00	17.95	500.0	100.0	V	4.0	7.4
1861.000000	48.75	---	68.20	19.45	500.0	200.0	H	214.0	8.0
2374.625000	---	39.42	54.00	14.58	500.0	200.0	V	306.0	10.0
2643.250000	48.24	---	68.20	19.96	500.0	100.0	H	276.0	10.8
3435.125000	52.43	---	68.20	15.77	500.0	100.0	V	198.0	13.1
3975.000000	---	41.85	54.00	12.15	500.0	200.0	V	105.0	14.5
4427.375000	54.72	---	68.20	13.48	500.0	100.0	H	0.0	15.9
7638.625000	---	47.08	54.00	6.92	500.0	200.0	H	311.0	21.9
7995.625000	59.68	---	68.20	8.52	500.0	100.0	V	117.0	23.6

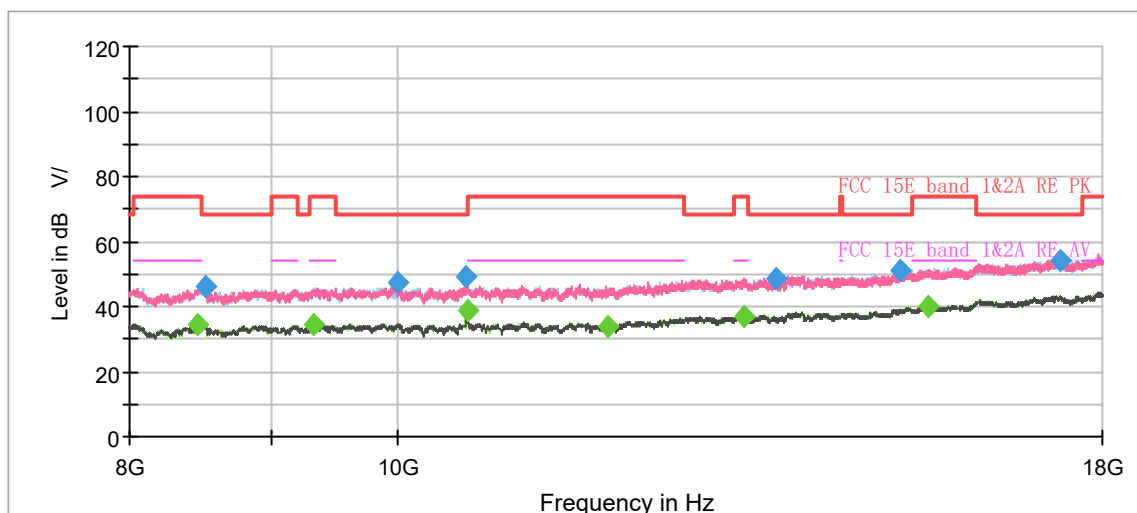
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ax (HE20) CH60



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



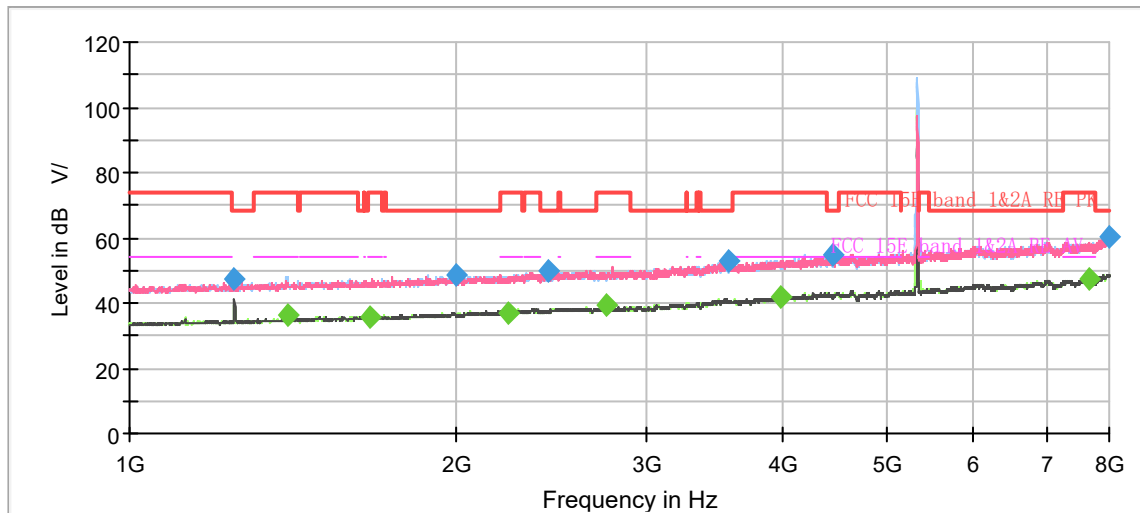
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	39.44	54.00	14.56	500.0	200.0	H	0.0	4.0
1269.500000	46.75	---	68.20	21.45	500.0	100.0	H	150.0	5.0
1359.625000	---	34.74	54.00	19.26	500.0	200.0	H	67.0	5.5
1668.500000	---	35.98	54.00	18.02	500.0	200.0	V	0.0	7.0
1980.875000	48.62	---	68.20	19.58	500.0	200.0	H	110.0	8.6
2374.625000	---	39.11	54.00	14.89	500.0	200.0	V	331.0	10.0
2437.625000	50.18	---	68.20	18.02	500.0	200.0	V	355.0	10.2
3543.625000	52.47	---	68.20	15.73	500.0	200.0	H	38.0	14.1
3955.750000	---	41.89	54.00	12.11	500.0	200.0	V	269.0	14.4
4423.875000	53.78	---	68.20	14.42	500.0	100.0	H	292.0	16.0
7310.500000	---	46.84	54.00	7.16	500.0	200.0	V	114.0	21.3
7907.250000	59.60	---	68.20	8.60	500.0	100.0	V	125.0	23.5

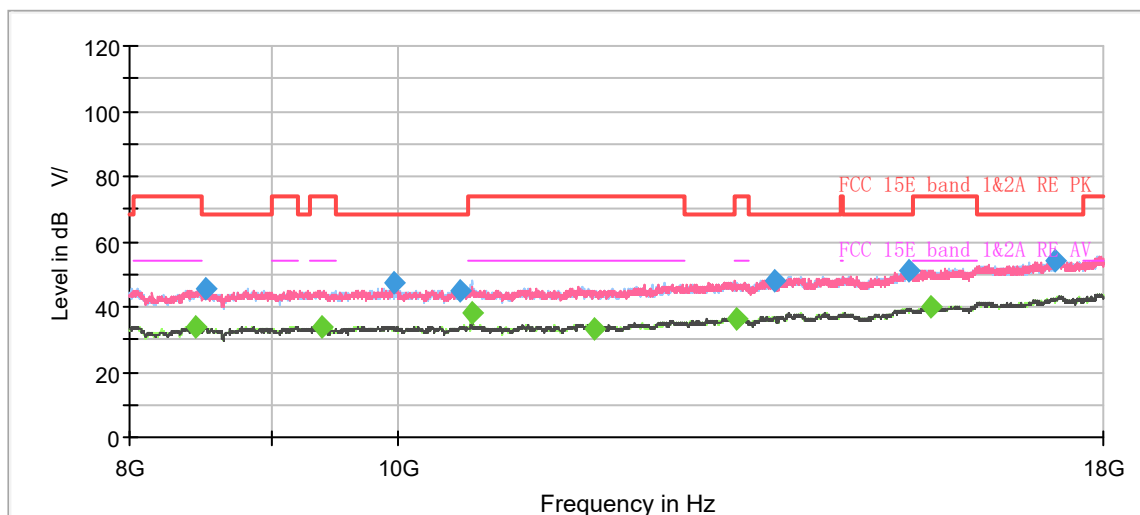
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ax (HE20) CH64



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



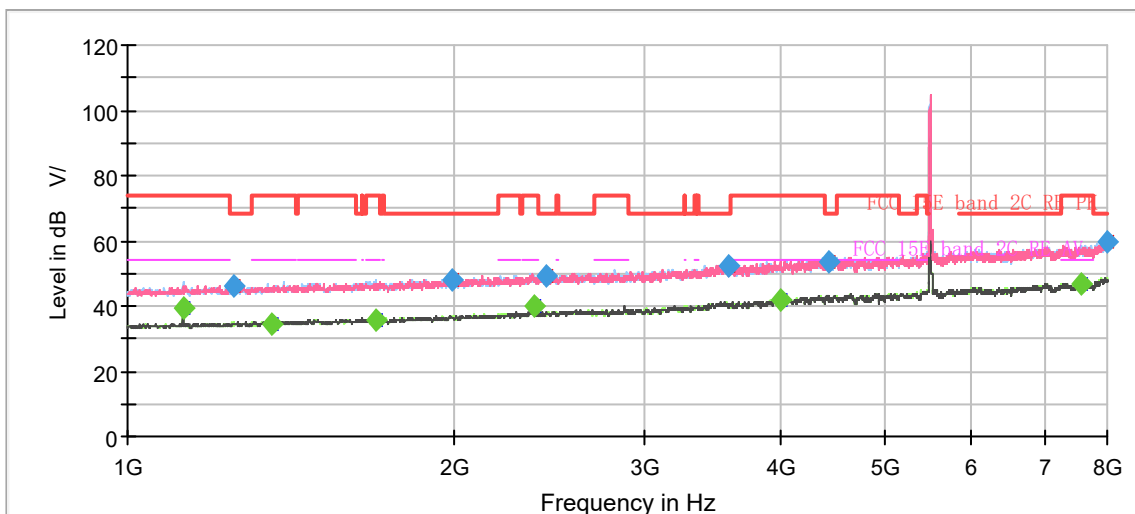
Radiates Emission from 8GHz to 18GHz

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)
1249.375000	47.67	---	68.20	20.53	500.0	200.0	V	333.0	4.8
1396.375000	---	36.10	54.00	17.90	500.0	200.0	H	173.0	5.7
1662.375000	---	35.98	54.00	18.02	500.0	100.0	H	79.0	7.0
1996.625000	48.35	---	68.20	19.85	500.0	200.0	H	292.0	8.6
2231.125000	---	37.20	54.00	16.80	500.0	100.0	H	46.0	9.5
2428.000000	50.15	---	68.20	18.05	500.0	200.0	H	263.0	10.2
2750.000000	---	39.27	54.00	14.73	500.0	200.0	V	0.0	10.9
3559.375000	52.64	---	68.20	15.56	500.0	200.0	H	168.0	13.9
3979.375000	---	41.74	54.00	12.26	500.0	200.0	H	336.0	14.5
4444.875000	54.55	---	68.20	13.65	500.0	100.0	H	42.0	15.8
7678.000000	---	47.12	54.00	6.88	500.0	200.0	H	145.0	22.1
7990.375000	60.26	---	68.20	7.94	500.0	100.0	H	37.0	23.6

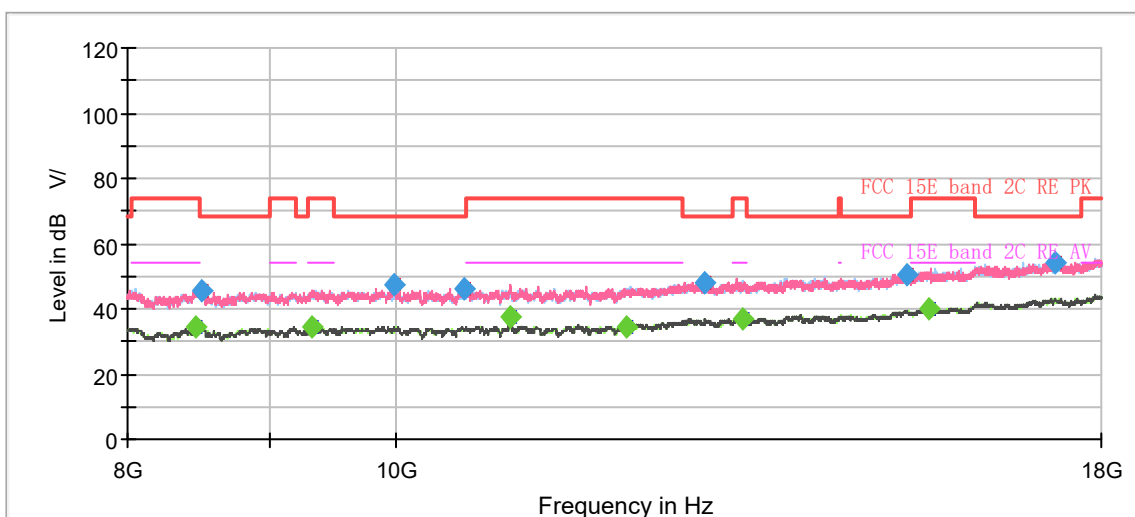
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ax (HE20) CH100



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



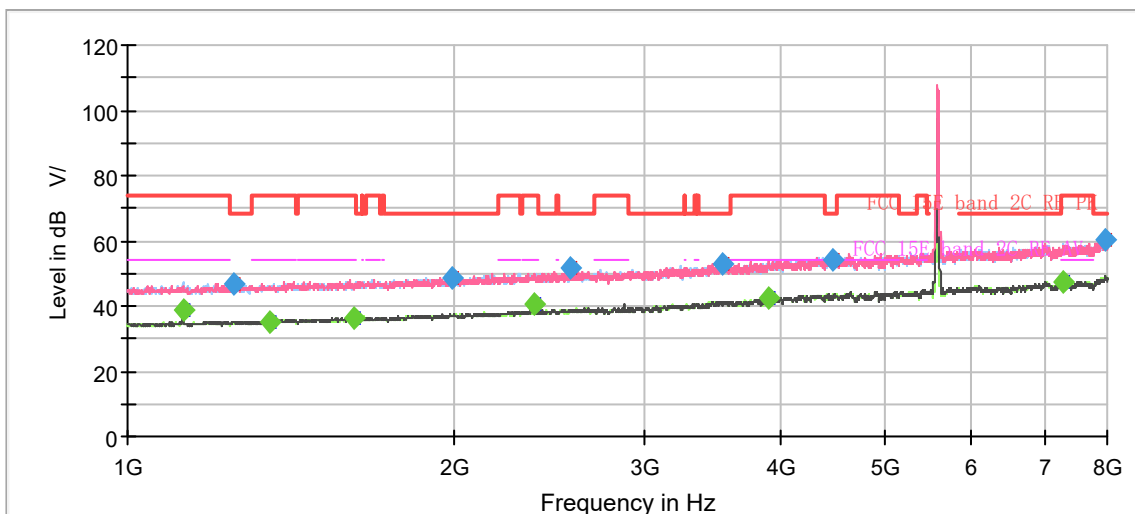
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	39.10	54.00	14.90	500.0	200.0	H	350.0	4.0
1251.125000	46.06	---	68.20	22.14	500.0	200.0	V	244.0	4.8
1357.000000	---	34.76	54.00	19.24	500.0	200.0	H	195.0	5.4
1693.875000	---	35.95	54.00	18.05	500.0	200.0	H	224.0	7.4
1993.125000	48.17	---	68.20	20.03	500.0	200.0	V	328.0	8.6
2374.625000	---	40.06	54.00	13.94	500.0	200.0	V	308.0	10.0
2431.500000	49.43	---	68.20	18.77	500.0	200.0	H	43.0	10.2
3584.750000	52.53	---	68.20	15.67	500.0	100.0	H	347.0	13.8
3999.500000	---	41.92	54.00	12.08	500.0	100.0	V	241.0	14.6
4429.125000	53.74	---	68.20	14.46	500.0	200.0	H	151.0	15.9
7577.375000	---	46.93	54.00	7.07	500.0	200.0	H	53.0	21.6
7998.250000	59.66	---	68.20	8.54	500.0	200.0	H	73.0	23.6

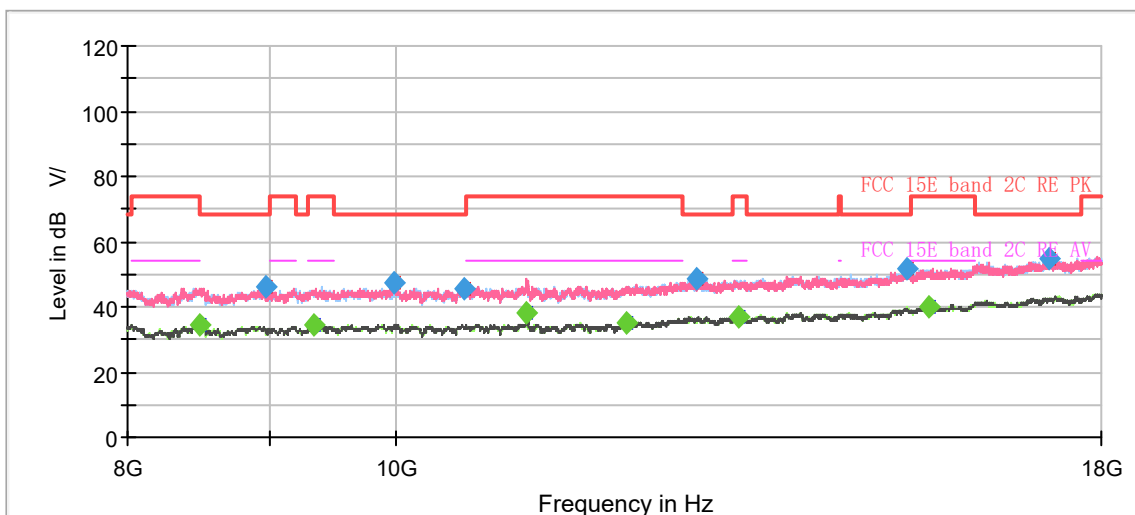
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ax (HE20) CH116



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



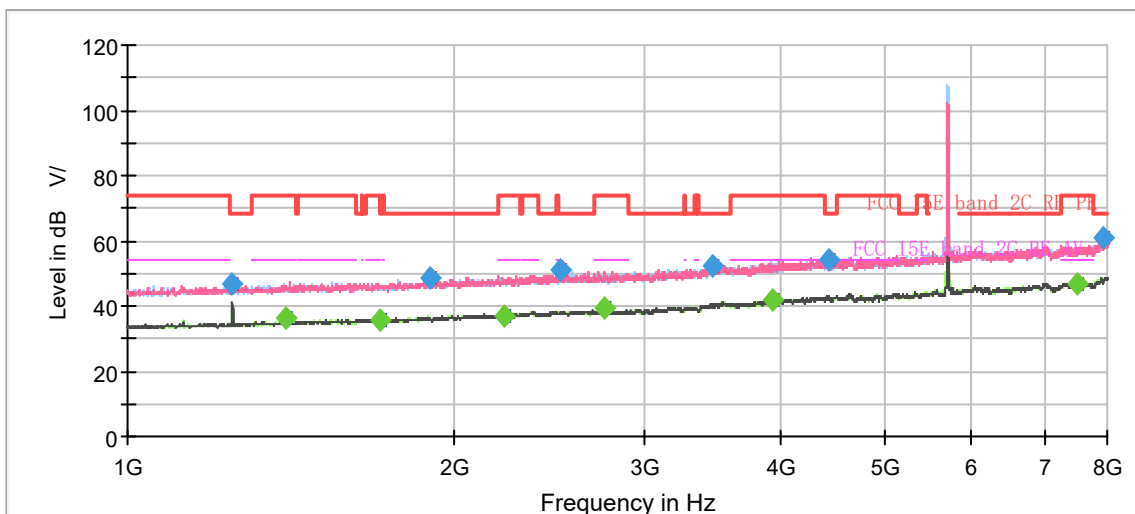
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	38.67	54.00	15.33	500.0	200.0	H	292.0	4.0
1251.125000	46.94	---	68.20	21.26	500.0	100.0	V	137.0	4.8
1354.375000	---	35.17	54.00	18.83	500.0	200.0	H	146.0	5.4
1619.500000	---	36.50	54.00	17.50	500.0	100.0	V	0.0	6.8
1988.750000	48.77	---	68.20	19.43	500.0	200.0	H	109.0	8.7
2374.625000	---	40.46	54.00	13.54	500.0	200.0	V	28.0	10.0
2562.750000	51.39	---	68.20	16.81	500.0	100.0	V	311.0	10.6
3541.875000	52.90	---	68.20	15.30	500.0	200.0	V	220.0	14.1
3903.250000	---	42.46	54.00	11.54	500.0	200.0	H	37.0	14.3
4476.375000	54.32	---	68.20	13.88	500.0	200.0	H	97.0	15.8
7294.750000	---	47.36	54.00	6.64	500.0	100.0	V	100.0	21.2
7965.875000	60.13	---	68.20	8.07	500.0	200.0	V	342.0	23.6

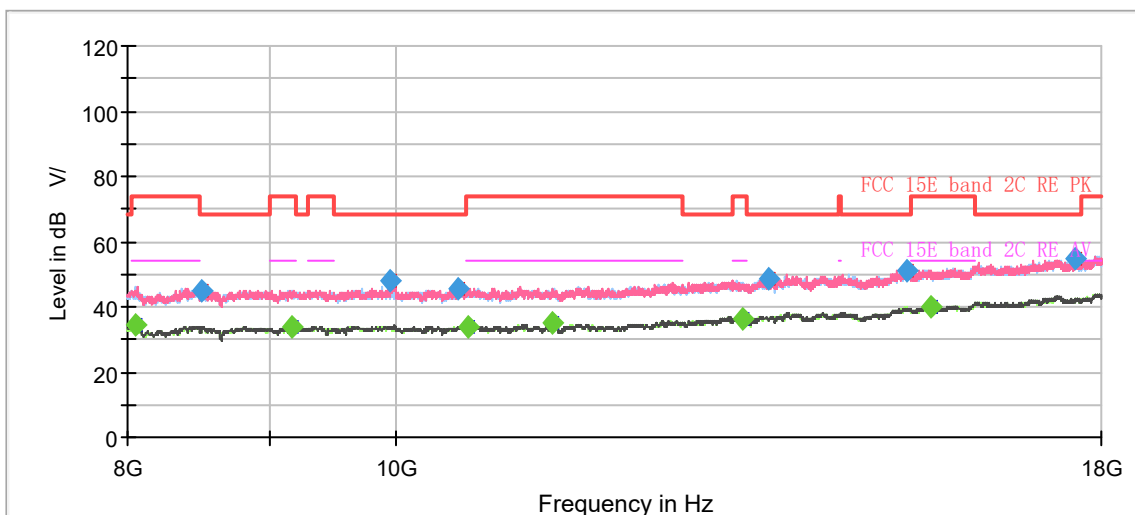
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ax (HE20) CH140



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



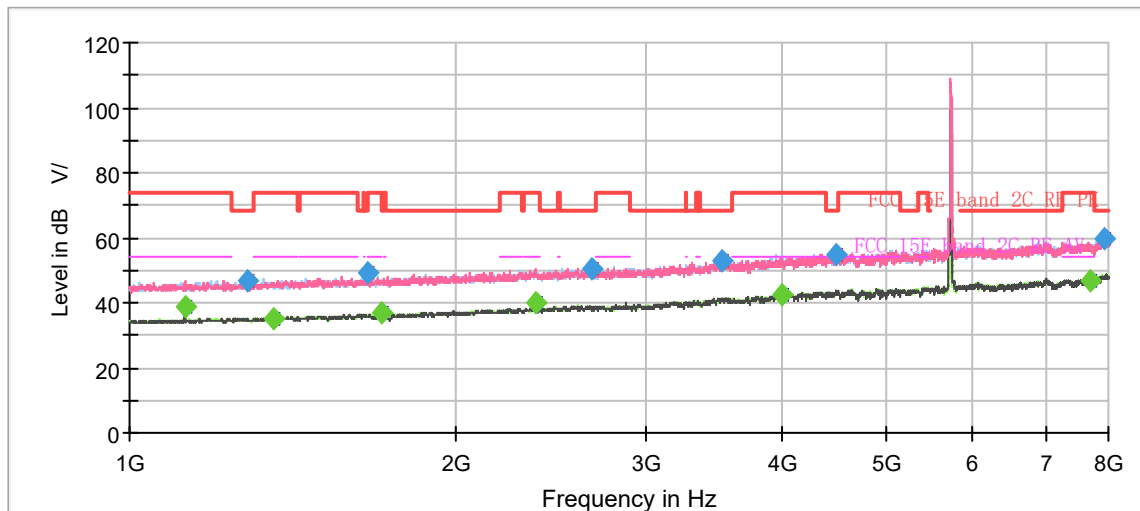
Radiates Emission from 8GHz to 18GHz

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)
1249.375000	47.05	---	68.20	21.15	500.0	200.0	V	330.0	4.8
1396.375000	---	36.17	54.00	17.83	500.0	200.0	H	51.0	5.7
1705.250000	---	35.89	54.00	18.11	500.0	100.0	H	23.0	7.4
1900.375000	48.65	---	68.20	19.55	500.0	200.0	H	340.0	8.0
2221.500000	---	36.95	54.00	17.05	500.0	100.0	H	220.0	9.3
2502.375000	51.29	---	68.20	16.91	500.0	200.0	H	354.0	10.4
2750.000000	---	39.11	54.00	14.89	500.0	200.0	V	0.0	10.9
3458.750000	52.23	---	68.20	15.97	500.0	100.0	V	133.0	13.5
3940.875000	---	41.81	54.00	12.19	500.0	200.0	H	340.0	14.4
4428.250000	54.05	---	68.20	14.15	500.0	100.0	V	280.0	15.9
7520.500000	---	47.01	54.00	6.99	500.0	200.0	H	194.0	21.4
7948.375000	60.77	---	68.20	7.43	500.0	100.0	H	105.0	23.5

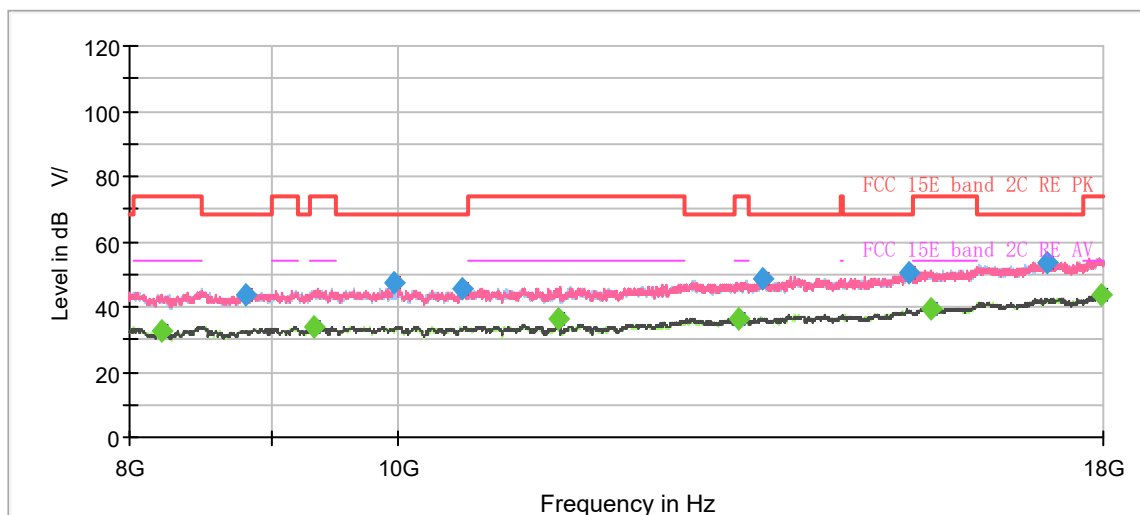
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ax (HE20) CH144



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



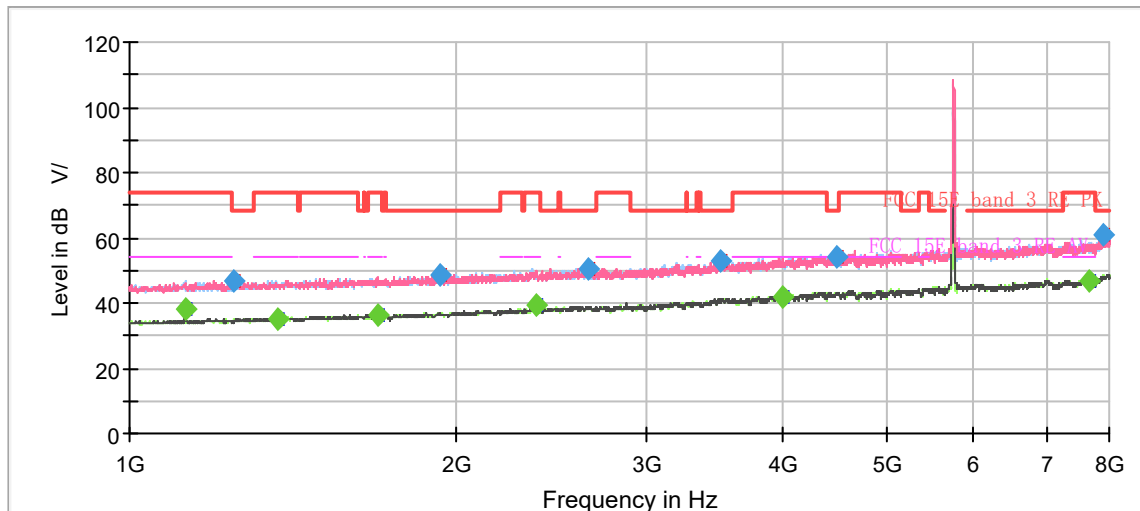
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	38.64	54.00	15.36	500.0	200.0	H	279.0	4.0
1285.250000	46.69	---	68.20	21.51	500.0	100.0	H	99.0	5.0
1360.500000	---	35.11	54.00	18.89	500.0	200.0	V	2.0	5.5
1655.375000	49.05	---	68.20	19.15	500.0	200.0	V	298.0	7.0
1707.000000	---	36.84	54.00	17.16	500.0	100.0	H	350.0	7.4
2374.625000	---	39.75	54.00	14.25	500.0	200.0	V	316.0	10.0
2666.875000	50.67	---	68.20	17.53	500.0	200.0	H	332.0	10.8
3516.500000	52.77	---	68.20	15.43	500.0	100.0	H	332.0	14.0
3998.625000	---	42.44	54.00	11.56	500.0	100.0	V	101.0	14.5
4479.000000	54.57	---	68.20	13.63	500.0	100.0	H	167.0	15.8
7699.875000	---	47.05	54.00	6.95	500.0	100.0	V	107.0	22.2
7944.000000	59.89	---	68.20	8.31	500.0	200.0	H	69.0	23.5

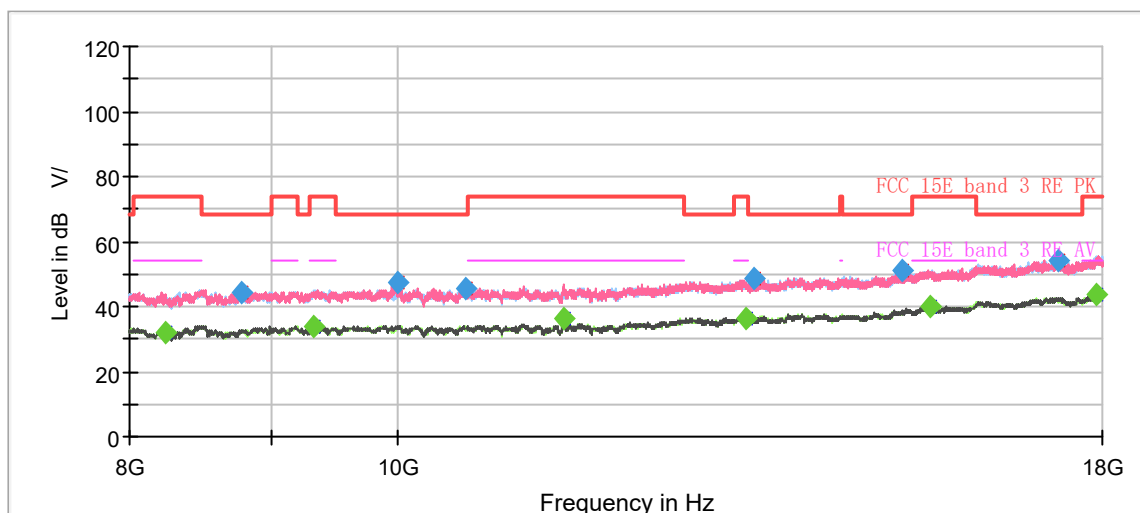
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ax (HE20) CH149



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



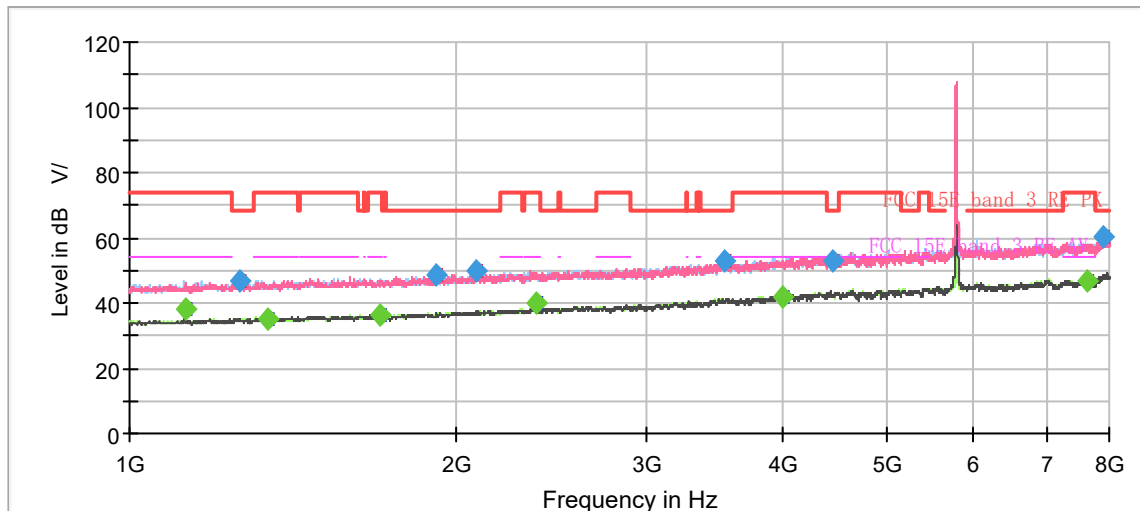
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	38.25	54.00	15.75	500.0	200.0	H	277.0	4.0
1249.375000	46.62	---	68.20	21.58	500.0	200.0	H	341.0	4.8
1369.250000	---	35.20	54.00	18.80	500.0	200.0	H	226.0	5.5
1693.875000	---	36.38	54.00	17.62	500.0	100.0	V	0.0	7.4
1934.500000	48.73	---	68.20	19.47	500.0	100.0	H	239.0	8.4
2374.625000	---	39.49	54.00	14.51	500.0	200.0	V	319.0	10.0
2650.250000	50.48	---	68.20	17.72	500.0	100.0	H	354.0	10.9
3513.000000	52.85	---	68.20	15.35	500.0	100.0	H	204.0	13.9
3997.750000	---	42.08	54.00	11.92	500.0	200.0	V	120.0	14.5
4483.375000	54.32	---	68.20	13.88	500.0	200.0	H	38.0	15.9
7670.125000	---	47.00	54.00	7.00	500.0	200.0	H	9.0	22.0
7905.500000	61.20	---	68.20	7.00	500.0	200.0	V	174.0	23.5

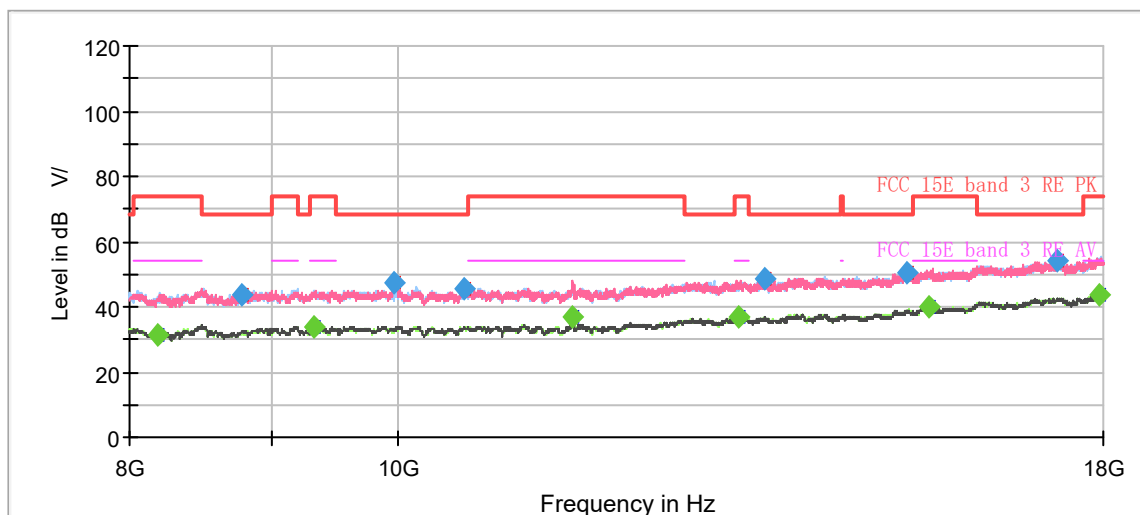
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ax (HE20) CH157



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



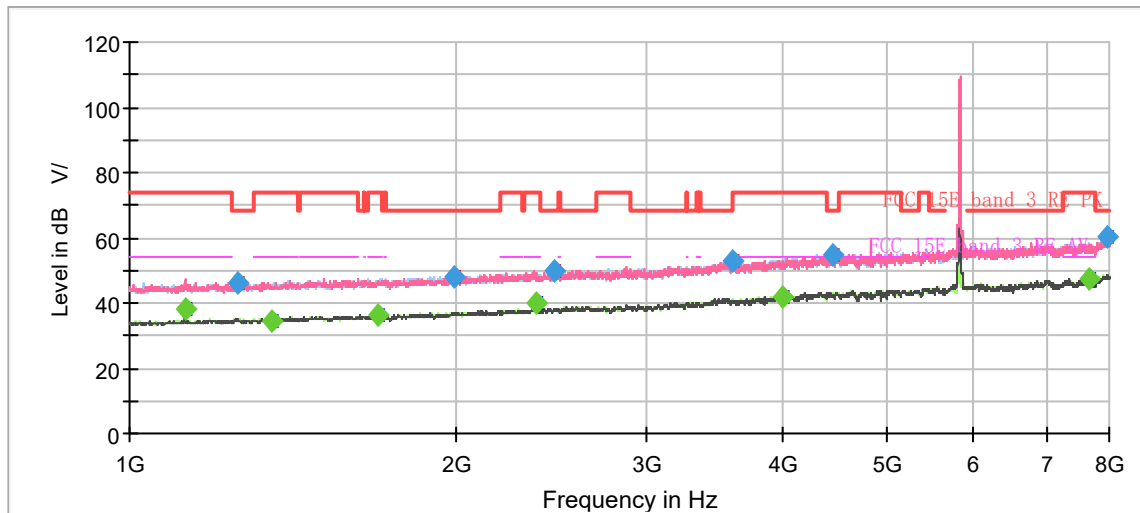
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	38.28	54.00	15.72	500.0	200.0	H	298.0	4.0
1261.625000	46.47	---	68.20	21.73	500.0	200.0	H	260.0	4.9
1342.125000	---	35.04	54.00	18.96	500.0	200.0	H	0.0	5.4
1704.375000	---	36.25	54.00	17.75	500.0	200.0	V	276.0	7.4
1918.750000	48.60	---	68.20	19.60	500.0	200.0	H	192.0	8.1
2086.750000	50.04	---	68.20	18.16	500.0	200.0	H	0.0	8.9
2374.625000	---	40.15	54.00	13.85	500.0	200.0	V	358.0	10.0
3541.875000	52.95	---	68.20	15.25	500.0	200.0	H	248.0	14.1
3999.500000	---	42.10	54.00	11.90	500.0	100.0	H	67.0	14.6
4450.125000	53.16	---	68.20	15.04	500.0	200.0	H	310.0	15.7
7634.250000	---	46.97	54.00	7.03	500.0	200.0	H	334.0	21.8
7893.250000	60.54	---	68.20	7.66	500.0	200.0	V	131.0	23.4

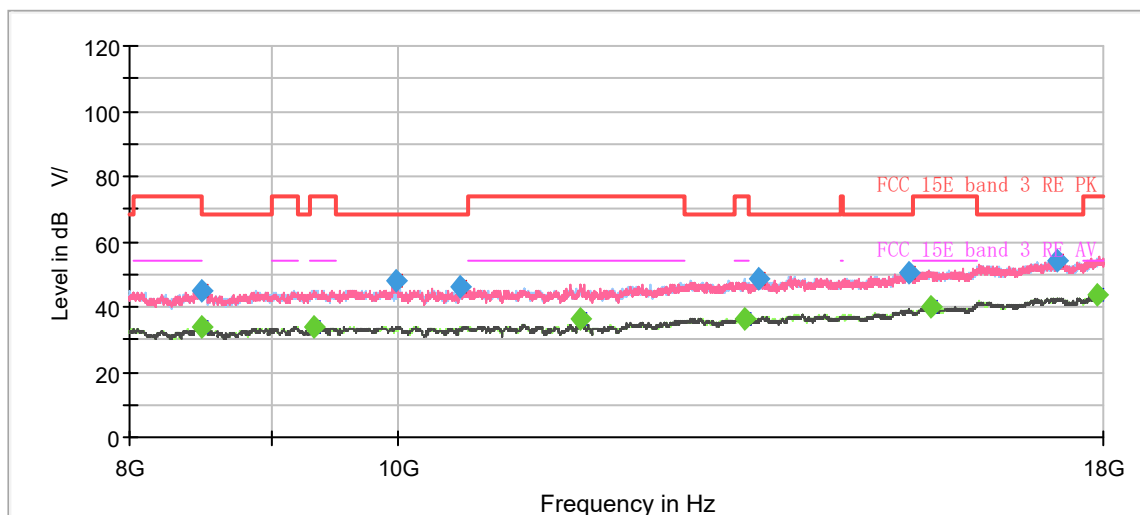
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ax (HE20) CH165



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



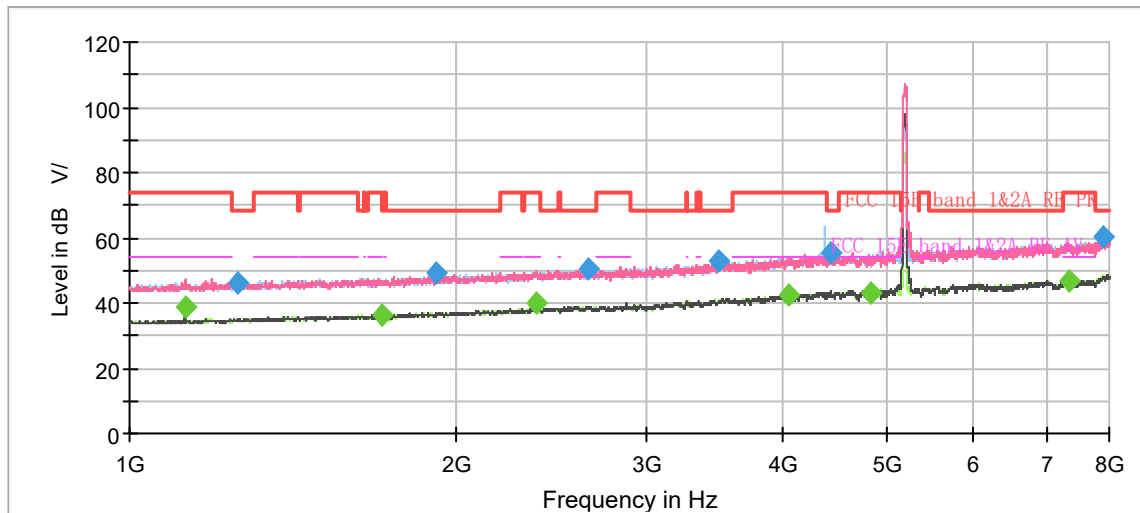
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	37.87	54.00	16.13	500.0	200.0	V	334.0	4.0
1257.250000	46.29	---	68.20	21.91	500.0	100.0	V	245.0	4.9
1352.625000	---	34.60	54.00	19.40	500.0	200.0	H	218.0	5.4
1695.625000	---	36.29	54.00	17.71	500.0	200.0	V	208.0	7.4
1991.375000	48.08	---	68.20	20.12	500.0	100.0	H	349.0	8.7
2374.625000	---	39.94	54.00	14.06	500.0	200.0	V	345.0	10.0
2462.125000	49.83	---	68.20	18.37	500.0	100.0	H	106.0	10.3
3590.000000	52.73	---	68.20	15.47	500.0	100.0	H	199.0	13.8
3998.625000	---	42.08	54.00	11.92	500.0	200.0	V	0.0	14.5
4447.500000	54.84	---	68.20	13.36	500.0	200.0	H	211.0	15.7
7672.750000	---	47.13	54.00	6.87	500.0	200.0	V	339.0	22.1
7966.750000	60.33	---	68.20	7.87	500.0	200.0	H	2.0	23.6

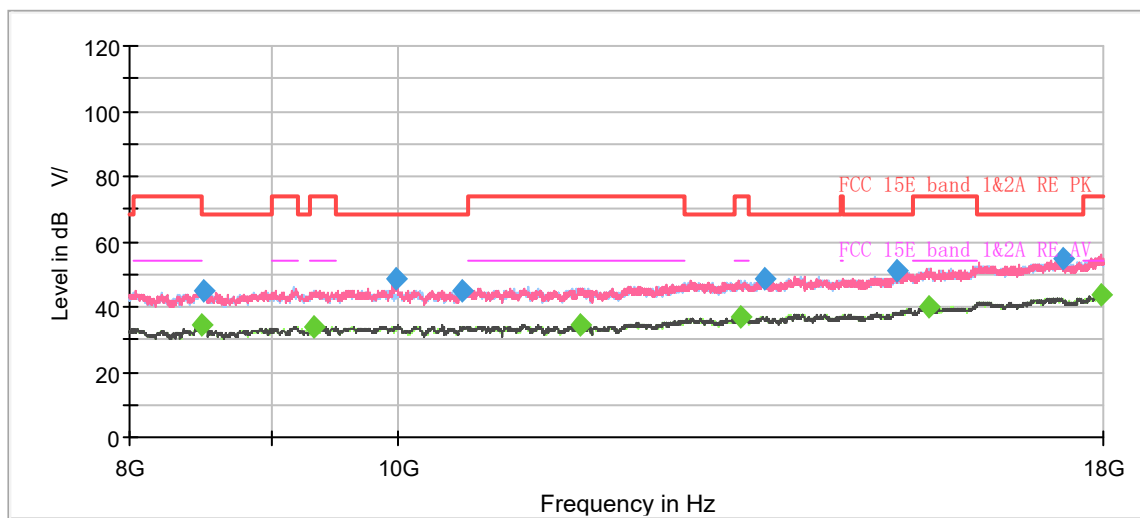
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ax (HE40) CH38



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



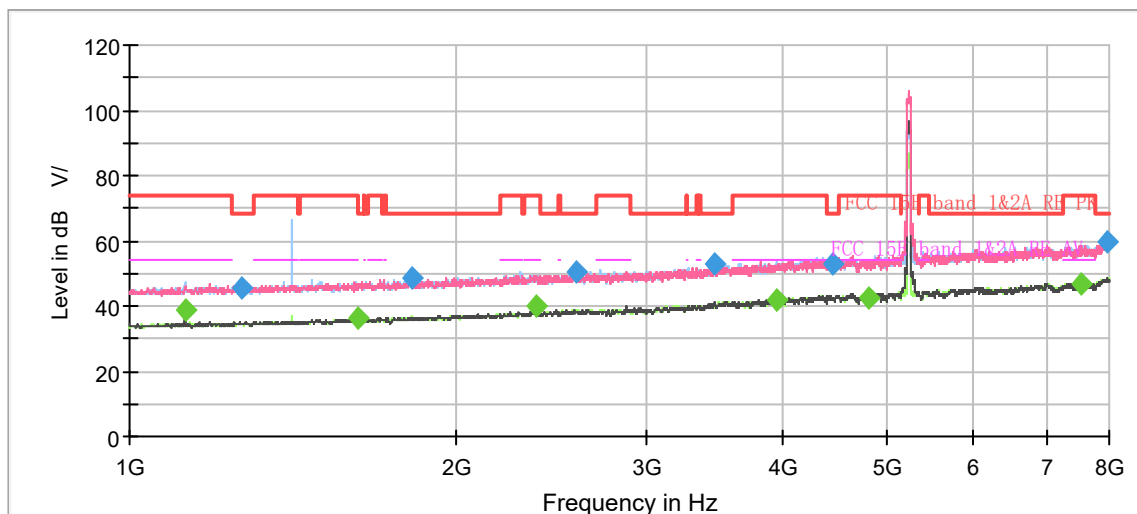
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	38.89	54.00	15.11	500.0	200.0	H	49.0	4.0
1258.125000	46.17	---	68.20	22.03	500.0	200.0	H	11.0	4.9
1708.750000	---	36.40	54.00	17.60	500.0	200.0	H	295.0	7.5
1917.875000	48.98	---	68.20	19.22	500.0	200.0	V	223.0	8.1
2374.625000	---	39.79	54.00	14.21	500.0	200.0	V	33.0	10.0
2651.125000	50.42	---	68.20	17.78	500.0	200.0	V	16.0	10.9
3498.125000	52.96	---	68.20	15.24	500.0	200.0	H	183.0	13.8
4053.750000	---	42.37	54.00	11.63	500.0	200.0	H	49.0	14.9
4422.125000	55.67	---	68.20	12.53	500.0	100.0	H	250.0	16.0
4818.500000	---	43.17	54.00	10.83	500.0	200.0	H	189.0	16.3
7356.000000	---	46.97	54.00	7.03	500.0	200.0	V	114.0	21.1
7895.875000	60.15	---	68.20	8.05	500.0	100.0	H	354.0	23.4

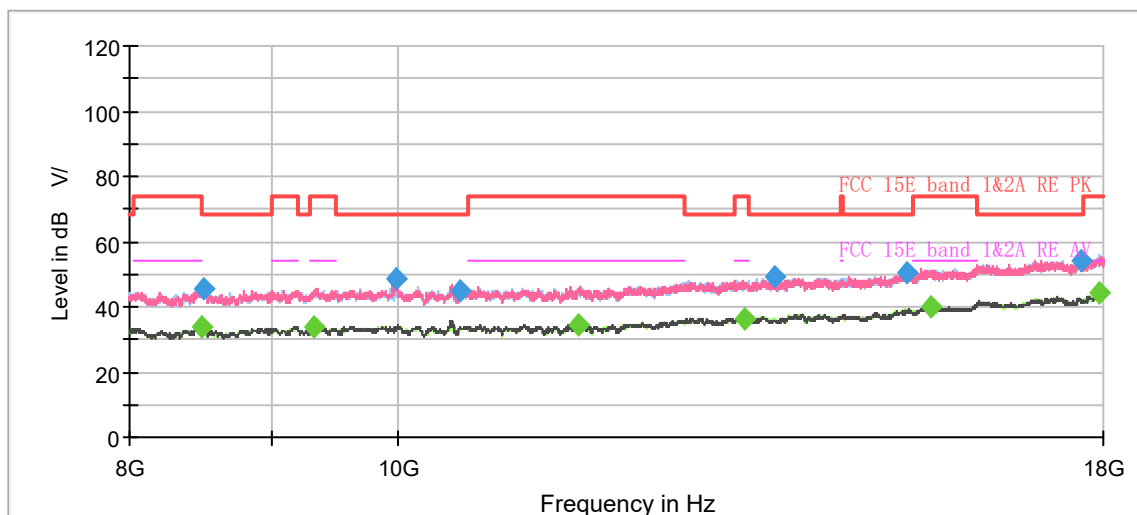
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ax (HE40) CH46



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



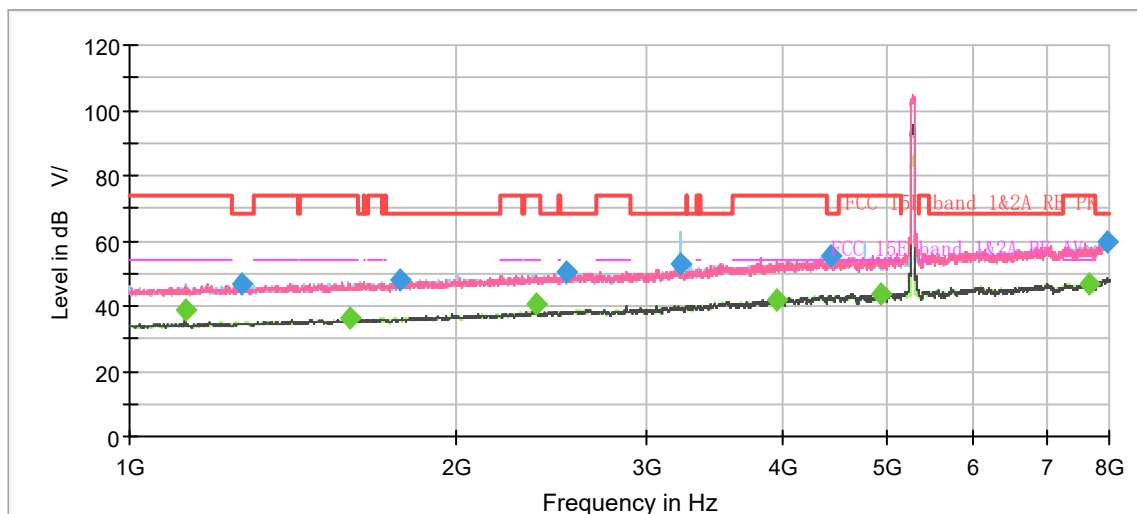
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	38.69	54.00	15.31	500.0	200.0	H	79.0	4.0
1269.500000	45.70	---	68.20	22.50	500.0	200.0	V	254.0	5.0
1624.750000	---	36.34	54.00	17.66	500.0	200.0	V	194.0	6.9
1824.250000	48.75	---	68.20	19.45	500.0	100.0	V	188.0	7.7
2374.625000	---	39.90	54.00	14.10	500.0	200.0	V	358.0	10.0
2580.250000	50.43	---	68.20	17.77	500.0	200.0	H	103.0	10.8
3457.875000	52.64	---	68.20	15.56	500.0	200.0	H	247.0	13.5
3953.125000	---	42.11	54.00	11.89	500.0	200.0	H	26.0	14.4
4457.125000	53.15	---	68.20	15.05	500.0	100.0	H	348.0	15.8
4812.375000	---	42.59	54.00	11.41	500.0	200.0	H	55.0	16.3
7545.875000	---	46.90	54.00	7.10	500.0	100.0	H	294.0	21.5
7958.875000	59.81	---	68.20	8.39	500.0	200.0	H	55.0	23.6

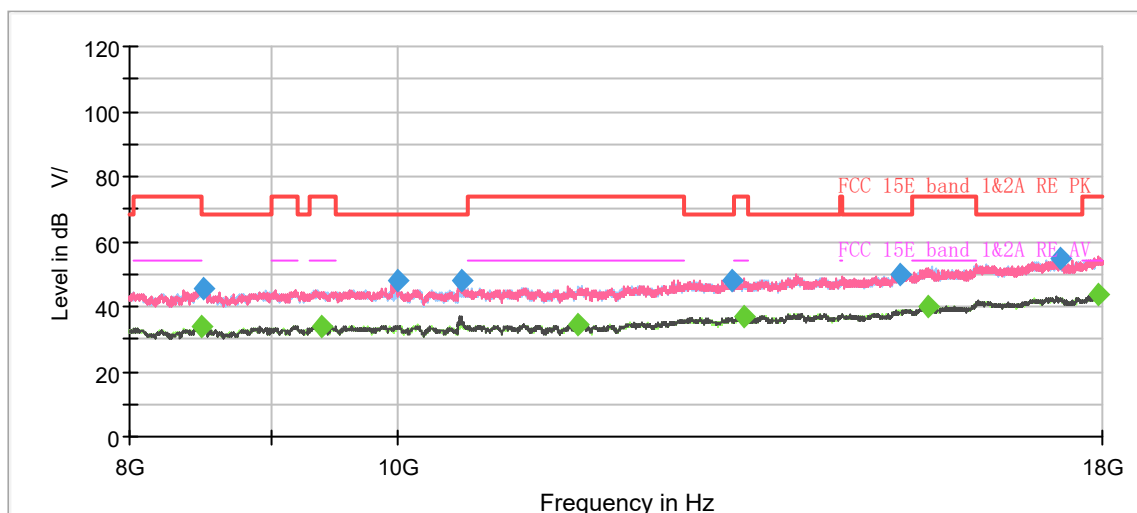
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ax (HE40) CH54



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



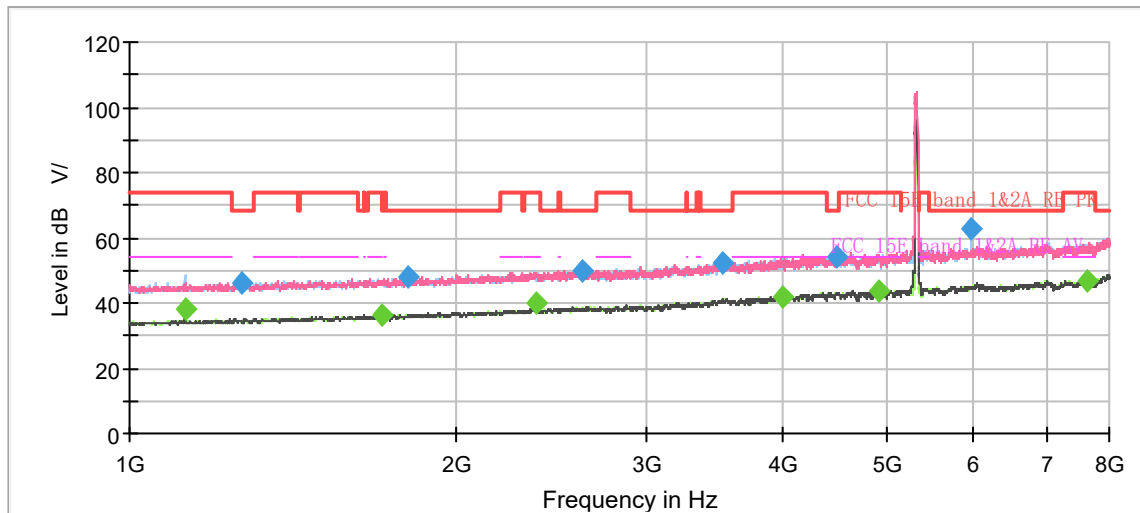
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	38.50	54.00	15.50	500.0	200.0	H	282.0	4.0
1271.250000	46.68	---	68.20	21.52	500.0	100.0	H	64.0	5.0
1594.125000	---	36.06	54.00	17.94	500.0	200.0	H	188.0	6.8
1777.000000	48.18	---	68.20	20.02	500.0	200.0	H	220.0	7.5
2374.625000	---	40.35	54.00	13.65	500.0	200.0	V	0.0	10.0
2527.750000	50.24	---	68.20	17.96	500.0	200.0	H	87.0	10.4
3220.750000	52.83	---	68.20	15.37	500.0	100.0	H	14.0	12.5
3955.750000	---	42.07	54.00	11.93	500.0	200.0	H	335.0	14.4
4425.625000	55.44	---	68.20	12.76	500.0	200.0	H	20.0	16.0
4919.125000	---	43.53	54.00	10.47	500.0	200.0	V	24.0	17.1
7665.750000	---	46.64	54.00	7.36	500.0	100.0	H	212.0	22.0
7963.250000	59.89	---	68.20	8.31	500.0	100.0	H	112.0	23.6

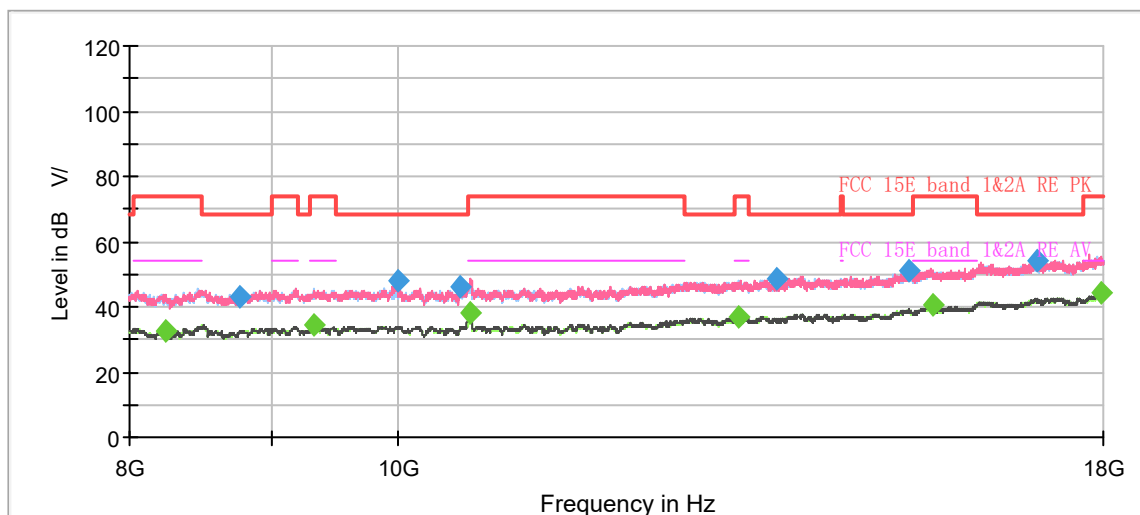
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ax (HE40) CH62



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



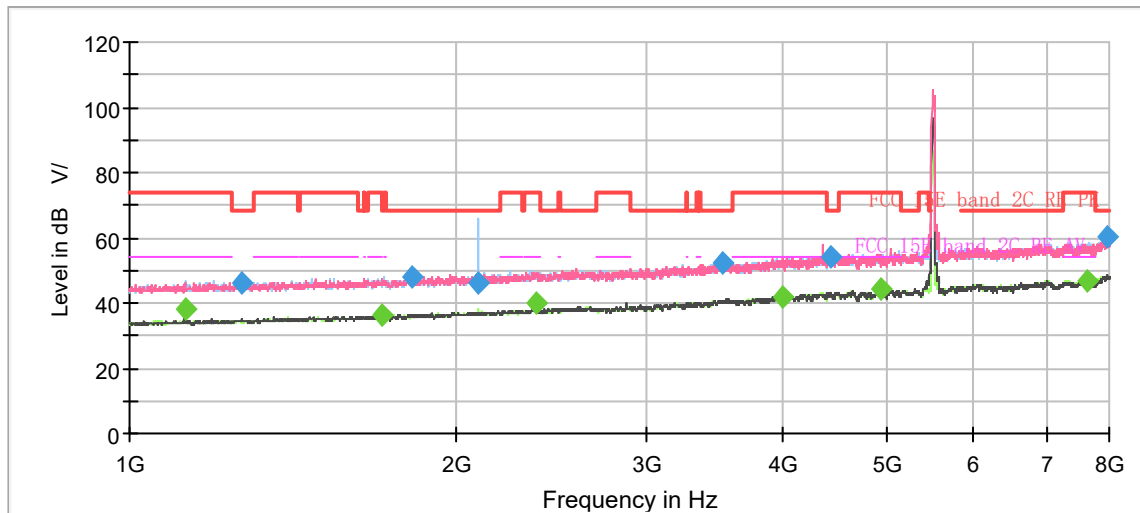
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	38.32	54.00	15.68	500.0	200.0	H	283.0	4.0
1266.875000	46.20	---	68.20	22.00	500.0	200.0	V	1.0	4.9
1707.000000	---	36.10	54.00	17.90	500.0	200.0	V	127.0	7.4
1809.375000	48.19	---	68.20	20.01	500.0	100.0	V	202.0	7.7
2374.625000	---	39.86	54.00	14.14	500.0	200.0	V	6.0	10.0
2611.750000	50.08	---	68.20	18.12	500.0	200.0	H	59.0	10.7
3527.000000	52.24	---	68.20	15.96	500.0	200.0	V	154.0	14.0
3997.750000	---	42.08	54.00	11.92	500.0	200.0	H	92.0	14.5
4482.500000	54.45	---	68.20	13.75	500.0	200.0	H	302.0	15.9
4908.625000	---	43.57	54.00	10.43	500.0	200.0	H	160.0	17.1
5970.000000	62.91	---	68.20	5.29	500.0	100.0	H	31.0	18.3
7636.875000	---	47.03	54.00	6.97	500.0	200.0	H	336.0	21.8

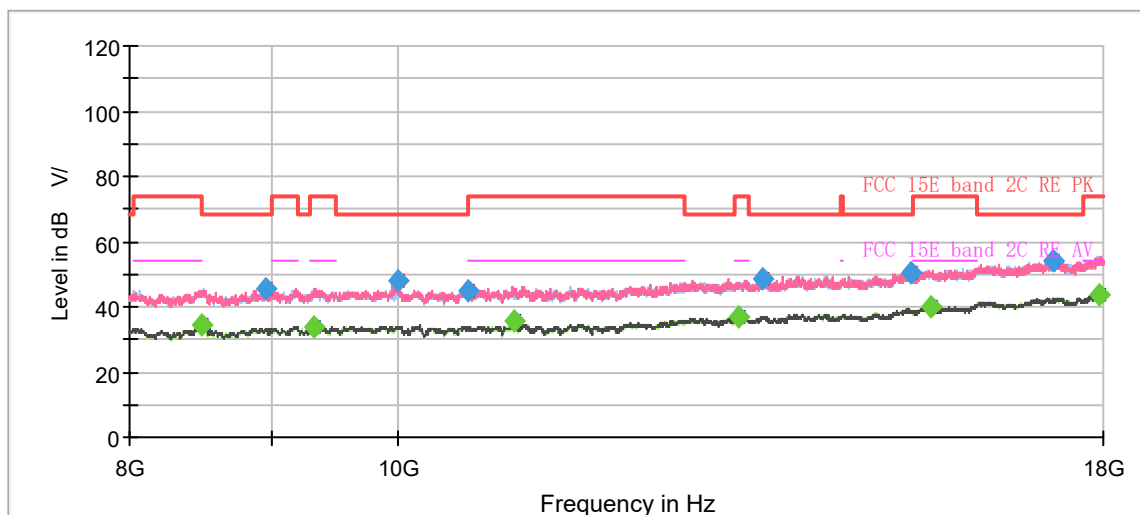
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ax (HE40) CH102



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



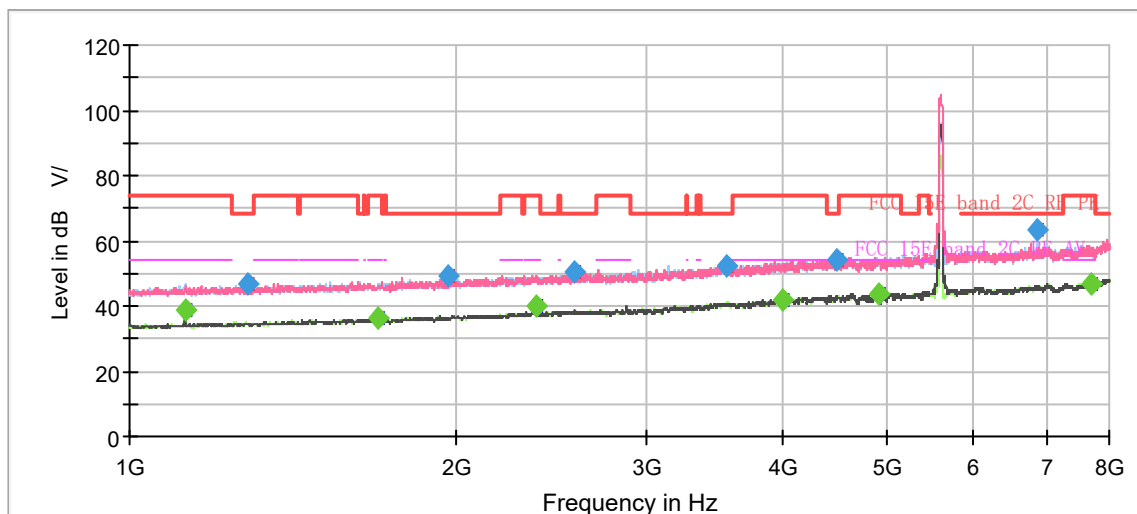
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	38.41	54.00	15.59	500.0	200.0	H	302.0	4.0
1270.375000	46.36	---	68.20	21.84	500.0	100.0	V	274.0	5.0
1706.125000	---	36.08	54.00	17.92	500.0	200.0	V	160.0	7.4
1819.875000	47.72	---	68.20	20.48	500.0	200.0	H	190.0	7.8
2093.750000	46.01	---	68.20	22.19	500.0	100.0	H	332.0	9.0
2374.625000	---	40.29	54.00	13.71	500.0	200.0	V	0.0	10.0
3516.500000	52.52	---	68.20	15.68	500.0	200.0	V	196.0	14.0
3995.125000	---	41.91	54.00	12.09	500.0	200.0	H	178.0	14.5
4423.875000	54.20	---	68.20	14.00	500.0	100.0	H	21.0	16.0
4920.000000	---	44.10	54.00	9.90	500.0	200.0	V	66.0	17.1
7637.750000	---	46.73	54.00	7.27	500.0	200.0	H	0.0	21.8
7964.125000	60.52	---	68.20	7.68	500.0	200.0	H	302.0	23.6

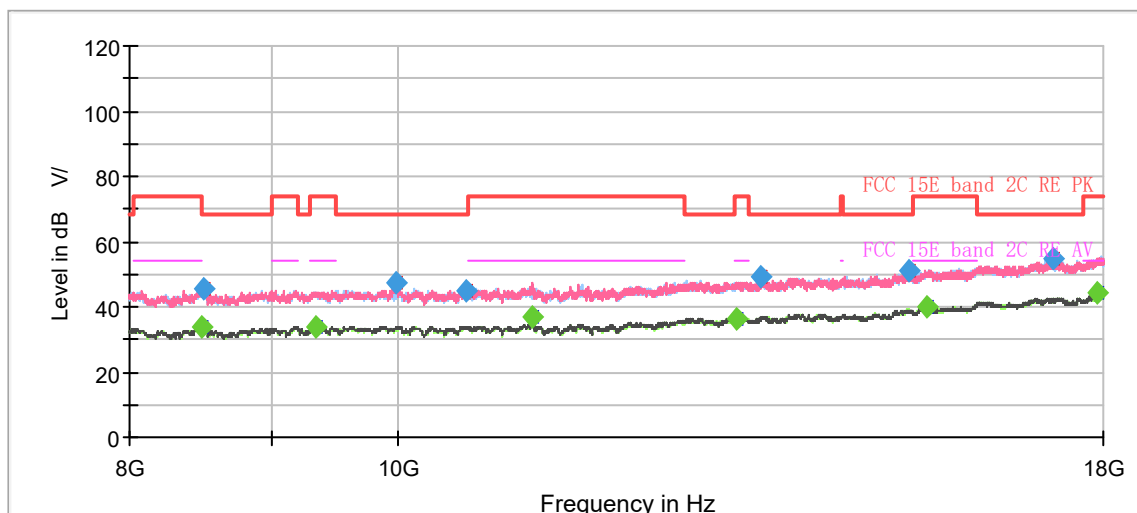
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ax (HE40) CH118



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



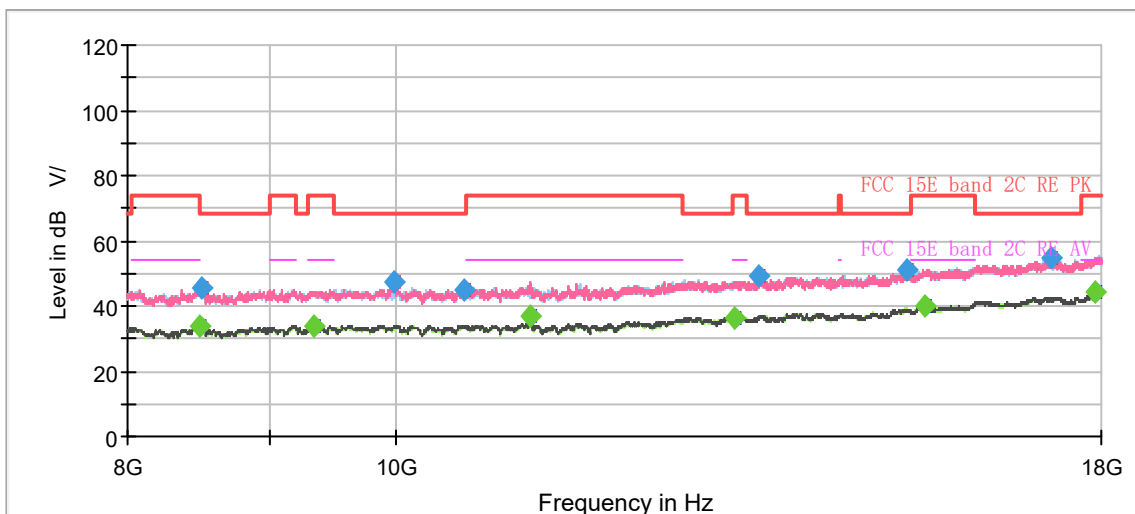
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	38.54	54.00	15.46	500.0	200.0	H	289.0	4.0
1287.875000	47.07	---	68.20	21.13	500.0	100.0	V	105.0	5.0
1694.750000	---	36.30	54.00	17.70	500.0	100.0	V	31.0	7.4
1965.125000	49.46	---	68.20	18.74	500.0	200.0	H	266.0	8.4
2374.625000	---	39.88	54.00	14.12	500.0	200.0	V	352.0	10.0
2568.875000	50.44	---	68.20	17.76	500.0	200.0	V	297.0	10.7
3543.625000	52.49	---	68.20	15.71	500.0	200.0	V	209.0	14.1
3997.750000	---	41.86	54.00	12.14	500.0	200.0	V	272.0	14.5
4477.250000	54.28	---	68.20	13.92	500.0	200.0	V	203.0	15.8
4913.000000	---	43.82	54.00	10.18	500.0	200.0	V	237.0	17.1
6875.625000	63.59	---	68.20	4.61	500.0	100.0	H	0.0	19.9
7708.625000	---	46.88	54.00	7.12	500.0	100.0	H	253.0	22.2

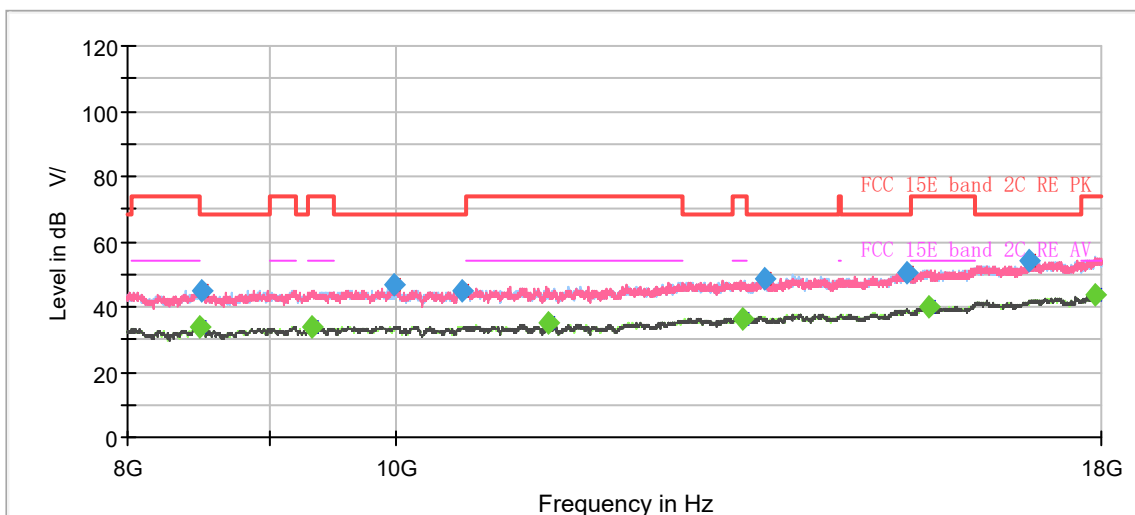
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ax (HE40) CH134



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



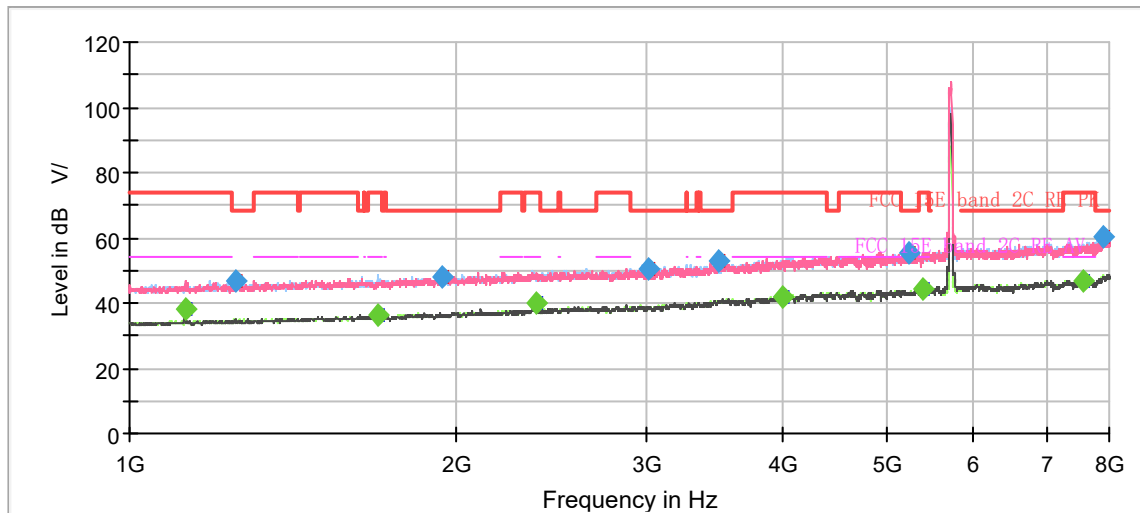
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	38.27	54.00	15.73	500.0	200.0	H	275.0	4.0
1252.875000	46.38	---	68.20	21.82	500.0	200.0	V	238.0	4.9
1695.625000	---	36.12	54.00	17.88	500.0	200.0	H	20.0	7.4
1980.000000	48.13	---	68.20	20.07	500.0	200.0	H	137.0	8.6
2374.625000	---	39.69	54.00	14.31	500.0	200.0	V	340.0	10.0
2583.750000	55.13	---	68.20	13.07	500.0	200.0	V	225.0	10.8
3454.375000	52.14	---	68.20	16.06	500.0	200.0	V	358.0	13.4
3979.375000	---	42.02	54.00	11.98	500.0	200.0	H	44.0	14.5
4480.750000	54.19	---	68.20	14.01	500.0	200.0	V	274.0	15.8
5088.875000	---	44.15	54.00	9.85	500.0	200.0	V	250.0	16.7
7546.750000	---	47.05	54.00	6.95	500.0	100.0	V	0.0	21.5
7967.625000	60.40	---	68.20	7.80	500.0	100.0	H	180.0	23.6

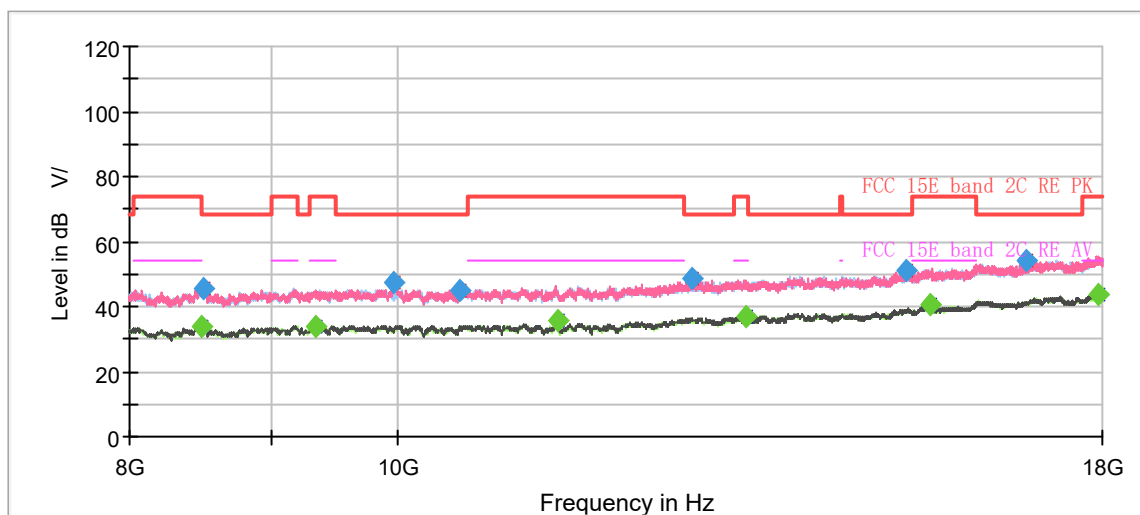
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ax (HE40) CH142



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



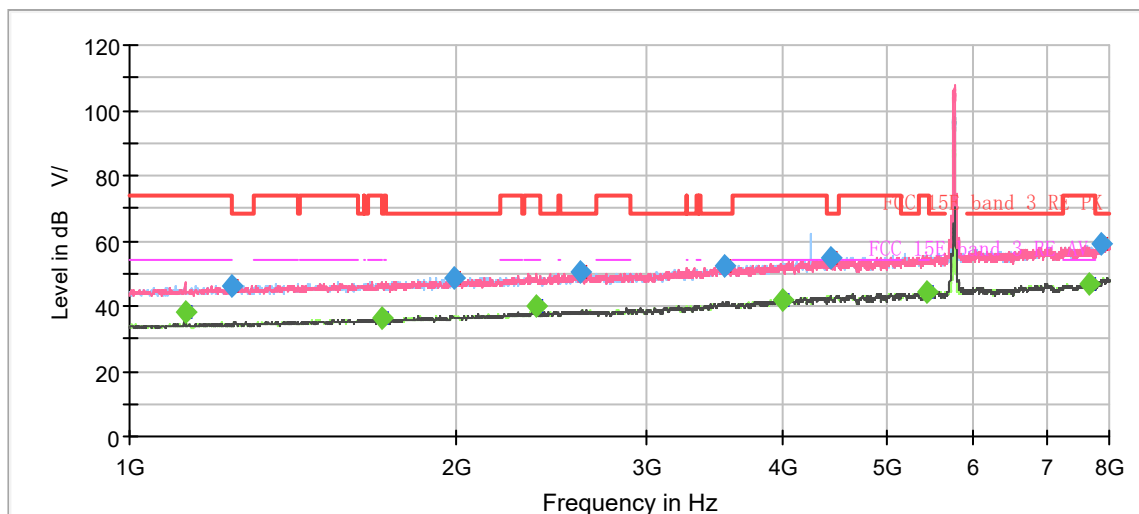
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	38.35	54.00	15.65	500.0	200.0	H	267.0	4.0
1253.750000	46.51	---	68.20	21.69	500.0	100.0	H	283.0	4.9
1693.000000	---	36.00	54.00	18.00	500.0	100.0	H	323.0	7.4
1945.000000	48.07	---	68.20	20.13	500.0	100.0	H	340.0	8.3
2374.625000	---	39.85	54.00	14.15	500.0	200.0	V	356.0	10.0
3006.375000	50.35	---	68.20	17.85	500.0	200.0	H	325.0	11.7
3492.875000	52.64	---	68.20	15.56	500.0	200.0	V	48.0	13.8
3999.500000	---	42.00	54.00	12.00	500.0	200.0	V	32.0	14.6
5226.250000	55.25	---	68.20	12.95	500.0	200.0	V	168.0	17.2
5393.375000	---	44.19	54.00	9.81	500.0	200.0	V	61.0	17.6
7570.375000	---	46.74	54.00	7.26	500.0	200.0	V	339.0	21.6
7906.375000	60.43	---	68.20	7.77	500.0	200.0	V	42.0	23.5

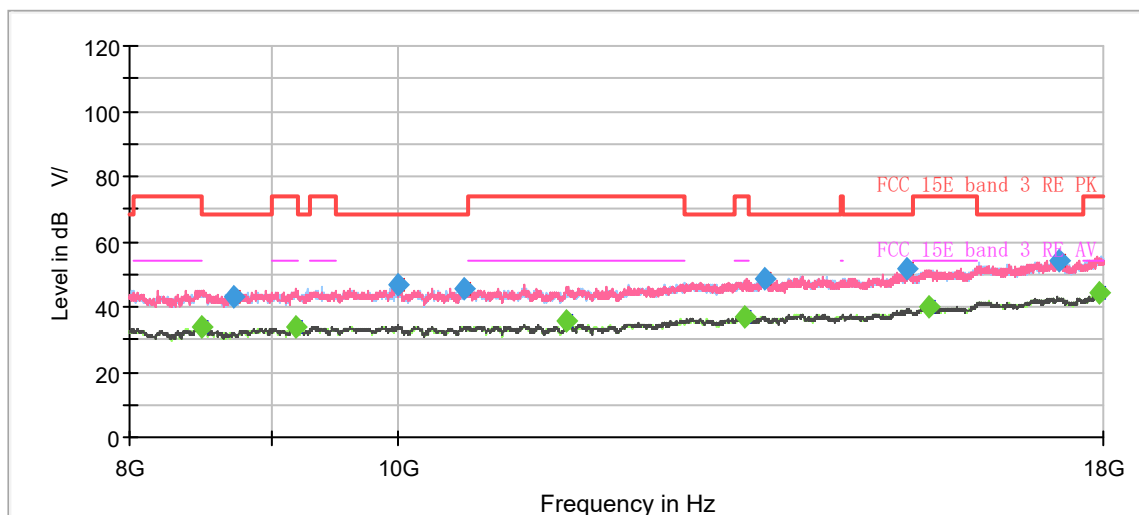
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ax (HE40) CH151



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



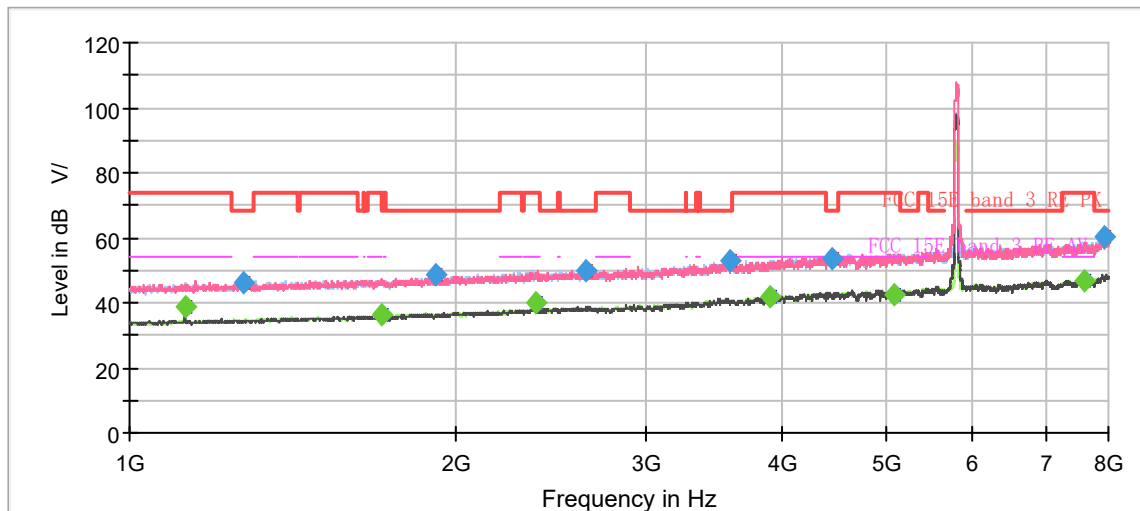
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	38.07	54.00	15.93	500.0	200.0	H	289.0	4.0
1244.125000	46.46	---	68.20	21.74	500.0	200.0	V	212.0	4.8
1707.875000	---	36.33	54.00	17.67	500.0	100.0	V	8.0	7.5
1991.375000	48.83	---	68.20	19.37	500.0	200.0	H	71.0	8.7
2374.625000	---	39.78	54.00	14.22	500.0	200.0	V	1.0	10.0
2603.000000	50.21	---	68.20	17.99	500.0	100.0	H	321.0	10.7
3541.875000	52.60	---	68.20	15.60	500.0	100.0	H	321.0	14.1
3999.500000	---	42.00	54.00	12.00	500.0	200.0	H	148.0	14.6
4430.000000	54.51	---	68.20	13.69	500.0	100.0	V	8.0	15.9
5437.125000	---	44.56	54.00	9.44	500.0	200.0	V	83.0	17.7
7660.500000	---	46.69	54.00	7.31	500.0	200.0	H	192.0	22.0
7868.750000	59.06	---	68.20	9.14	500.0	200.0	H	289.0	23.4

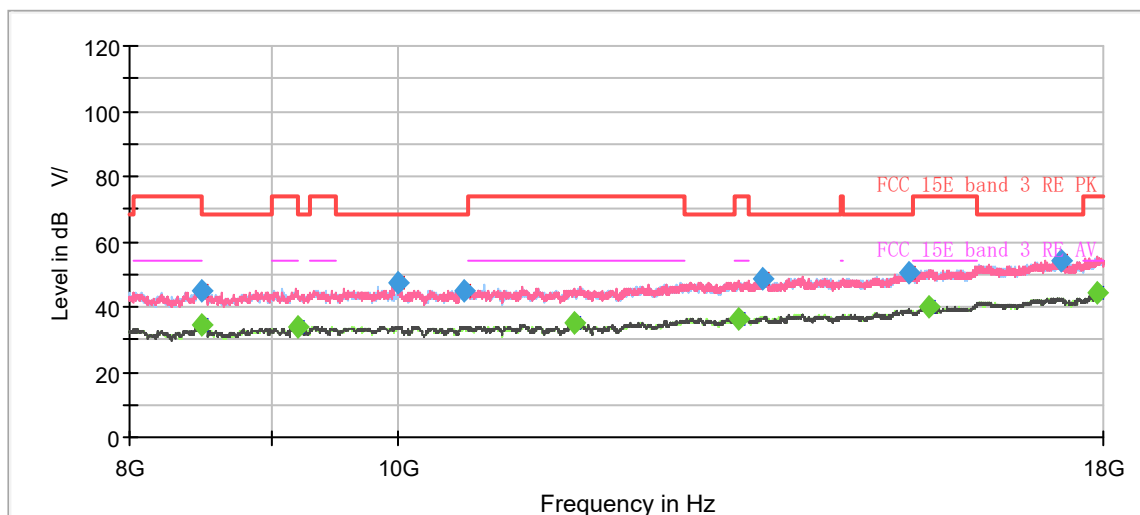
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ax (HE40) CH159



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



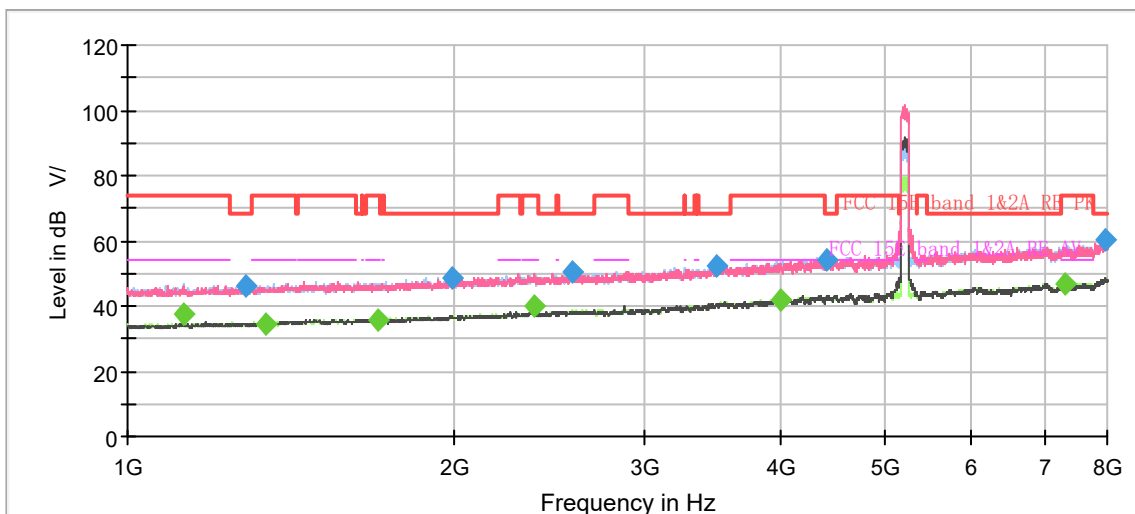
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	38.66	54.00	15.34	500.0	200.0	H	283.0	4.0
1273.000000	46.14	---	68.20	22.06	500.0	100.0	H	237.0	5.0
1707.000000	---	36.30	54.00	17.70	500.0	200.0	V	201.0	7.4
1919.625000	48.56	---	68.20	19.64	500.0	200.0	H	7.0	8.1
2374.625000	---	40.10	54.00	13.90	500.0	200.0	V	344.0	10.0
2636.250000	50.07	---	68.20	18.13	500.0	200.0	V	0.0	10.7
3587.375000	52.80	---	68.20	15.40	500.0	100.0	H	294.0	13.8
3905.875000	---	42.00	54.00	12.00	500.0	200.0	V	9.0	14.3
4452.750000	53.43	---	68.20	14.77	500.0	200.0	H	175.0	15.7
5072.250000	---	42.67	54.00	11.33	500.0	200.0	V	291.0	16.8
7598.375000	---	46.89	54.00	7.11	500.0	200.0	H	169.0	21.7
7948.375000	60.22	---	68.20	7.98	500.0	100.0	V	12.0	23.5

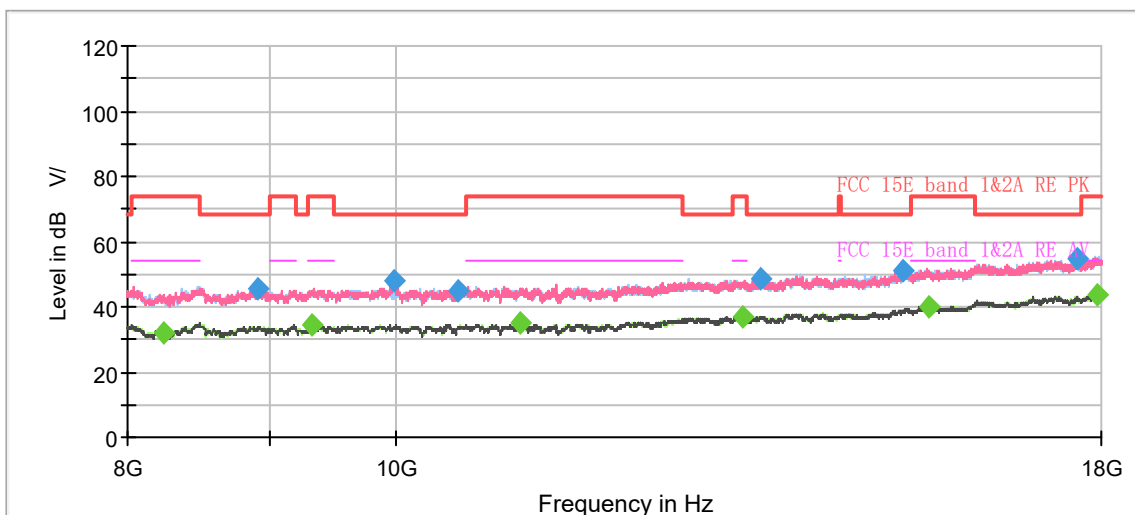
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ax (HE80) CH42



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



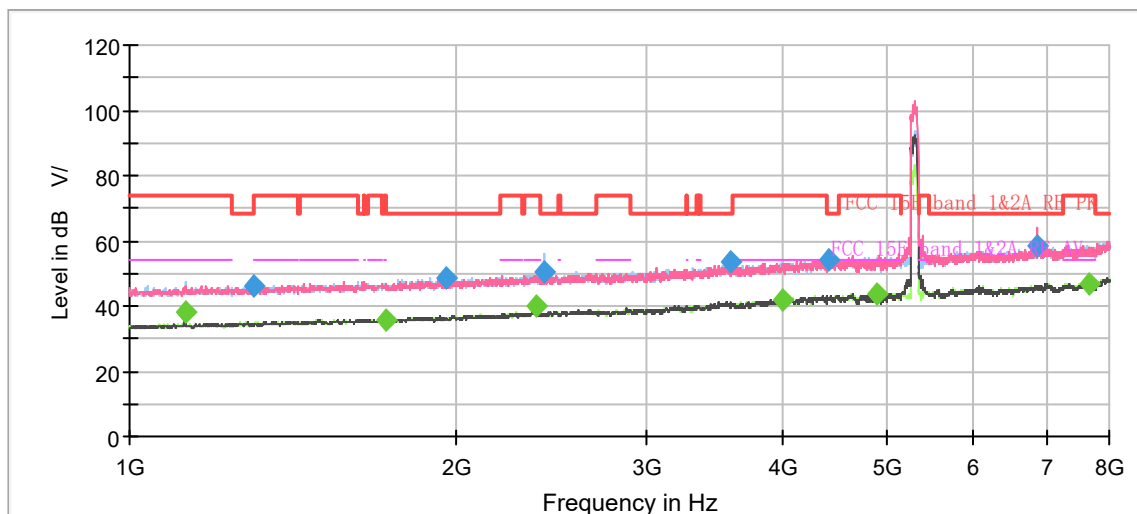
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	37.67	54.00	16.33	500.0	200.0	V	287.0	4.0
1283.500000	46.16	---	68.20	22.04	500.0	200.0	V	0.0	5.0
1338.625000	---	34.55	54.00	19.45	500.0	200.0	H	307.0	5.4
1704.375000	---	35.91	54.00	18.09	500.0	200.0	V	144.0	7.4
1995.750000	48.58	---	68.20	19.62	500.0	100.0	V	220.0	8.6
2374.625000	---	39.83	54.00	14.17	500.0	200.0	V	342.0	10.0
2573.250000	50.58	---	68.20	17.62	500.0	100.0	H	0.0	10.8
3490.250000	52.33	---	68.20	15.87	500.0	200.0	H	107.0	13.8
3997.750000	---	42.04	54.00	11.96	500.0	200.0	H	176.0	14.5
4403.750000	54.12	---	68.20	14.08	500.0	100.0	H	63.0	16.2
7311.375000	---	46.79	54.00	7.21	500.0	200.0	H	46.0	21.3
7953.625000	60.46	---	68.20	7.74	500.0	100.0	H	0.0	23.5

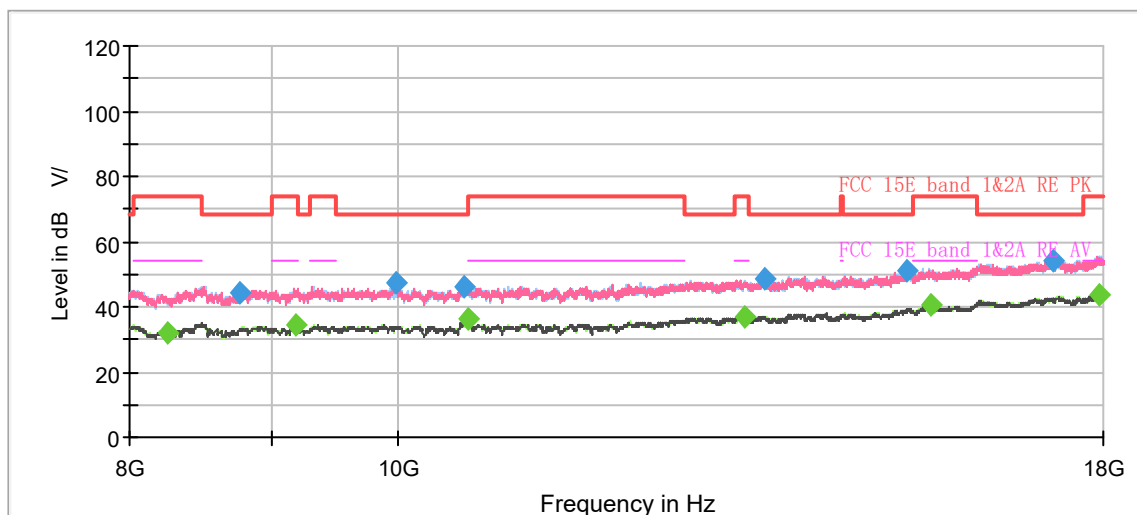
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ax (HE80) CH58



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



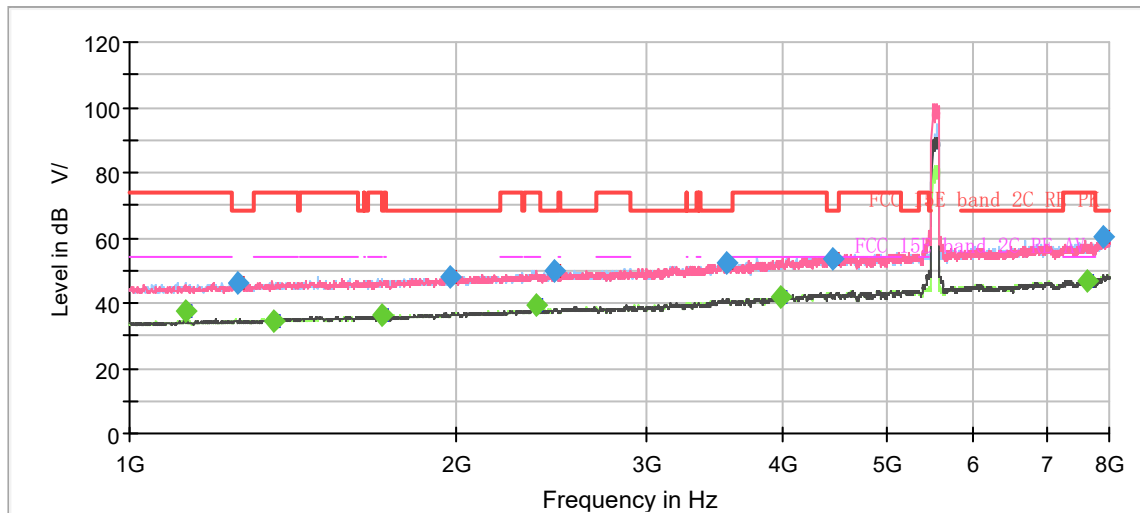
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	37.94	54.00	16.06	500.0	200.0	H	290.0	4.0
1299.250000	46.42	---	68.20	21.78	500.0	200.0	V	77.0	5.0
1721.000000	---	35.93	54.00	18.07	500.0	200.0	V	28.0	7.4
1960.750000	48.61	---	68.20	19.59	500.0	200.0	H	151.0	8.4
2374.625000	---	39.78	54.00	14.22	500.0	200.0	V	222.0	10.0
2408.750000	50.22	---	68.20	17.98	500.0	100.0	H	33.0	10.0
3576.000000	53.49	---	68.20	14.71	500.0	200.0	H	101.0	13.8
3999.500000	---	41.93	54.00	12.07	500.0	200.0	H	2.0	14.6
4414.250000	54.37	---	68.20	13.83	500.0	200.0	V	0.0	16.1
4886.750000	---	43.45	54.00	10.55	500.0	200.0	H	89.0	16.6
6852.875000	58.76	---	68.20	9.44	500.0	200.0	V	40.0	19.8
7662.250000	---	46.83	54.00	7.17	500.0	200.0	H	0.0	22.0

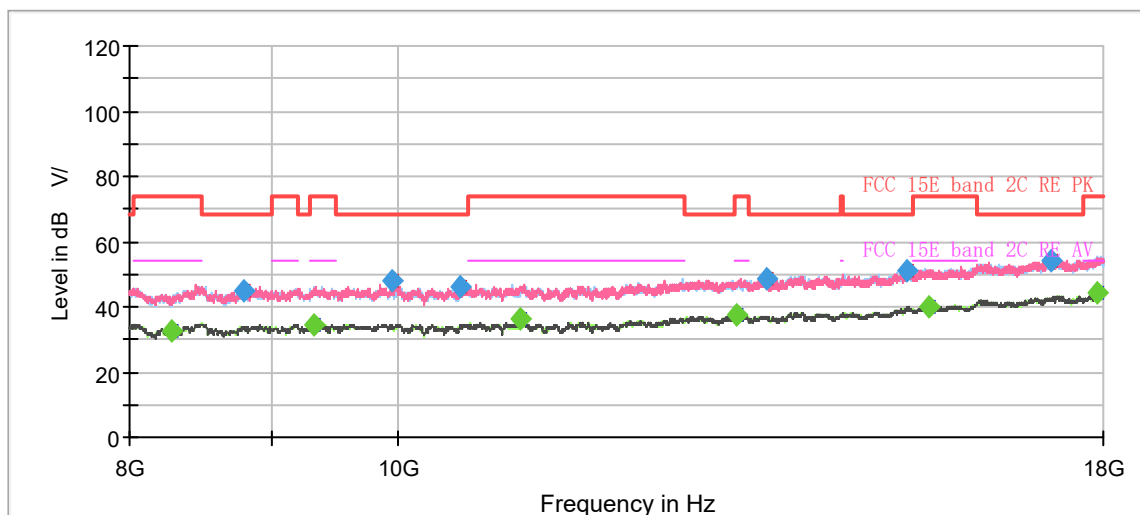
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ax (HE80) CH106



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



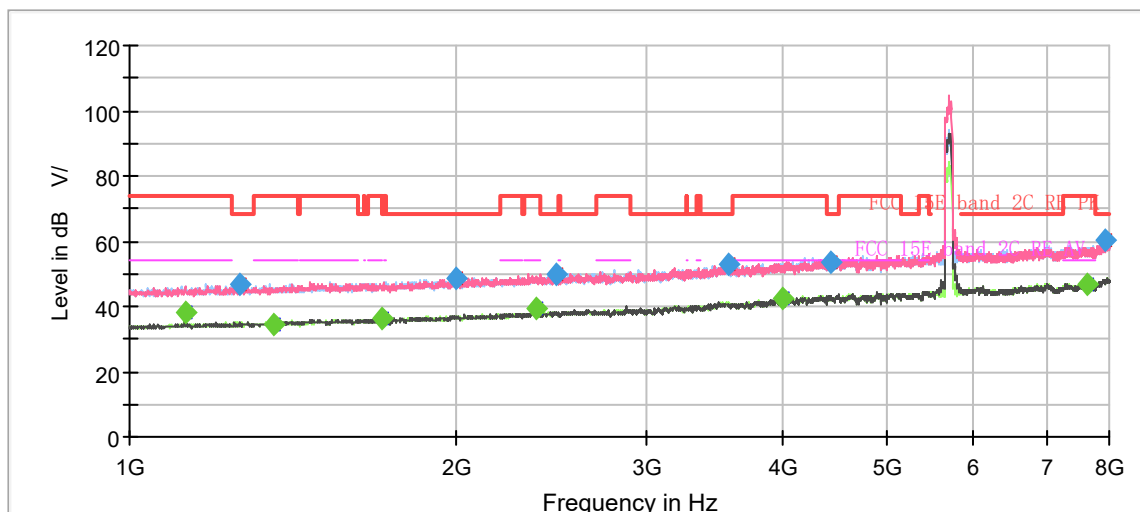
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	37.56	54.00	16.44	500.0	200.0	H	293.0	4.0
1259.875000	46.20	---	68.20	22.00	500.0	200.0	H	0.0	4.9
1359.625000	---	34.64	54.00	19.36	500.0	200.0	H	0.0	5.5
1707.000000	---	36.50	54.00	17.50	500.0	200.0	V	0.0	7.4
1977.375000	47.71	---	68.20	20.49	500.0	100.0	V	352.0	8.6
2374.625000	---	39.09	54.00	14.91	500.0	200.0	V	134.0	10.0
2466.500000	49.89	---	68.20	18.31	500.0	200.0	H	306.0	10.3
3558.500000	52.54	---	68.20	15.66	500.0	100.0	V	216.0	13.9
3980.250000	---	42.05	54.00	11.95	500.0	200.0	H	209.0	14.5
4449.250000	53.77	---	68.20	14.43	500.0	200.0	H	245.0	15.7
7620.250000	---	46.85	54.00	7.15	500.0	100.0	V	327.0	21.7
7907.250000	60.14	---	68.20	8.06	500.0	200.0	V	207.0	23.5

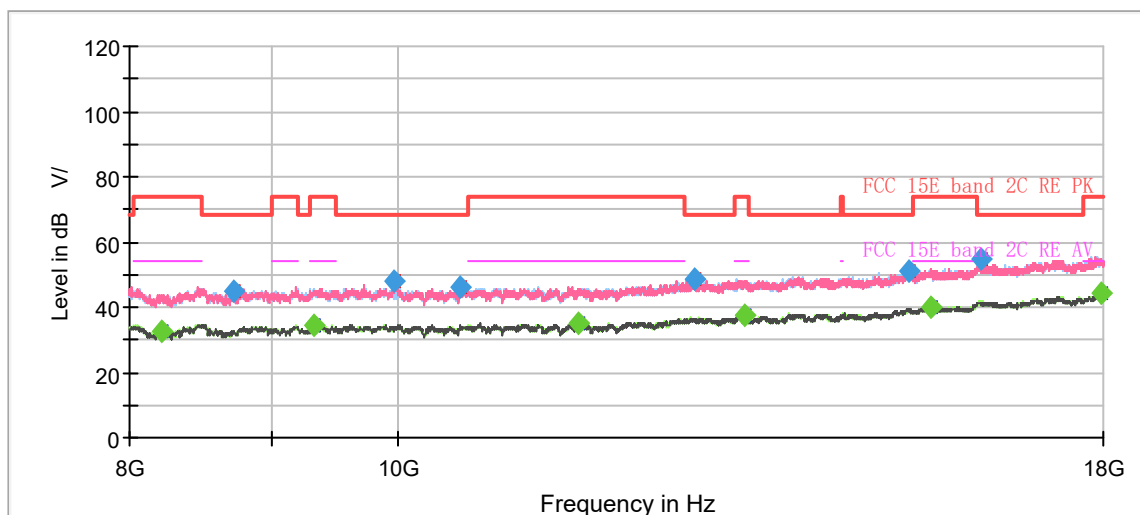
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ax (HE80) CH138



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



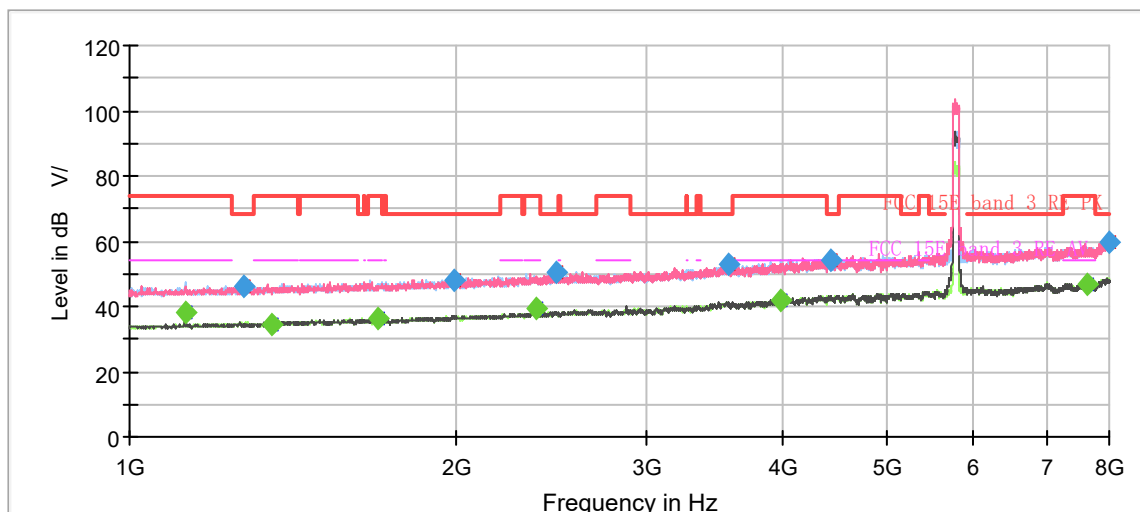
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	37.90	54.00	16.10	500.0	200.0	H	355.0	4.0
1263.375000	46.48	---	68.20	21.72	500.0	200.0	H	308.0	4.9
1360.500000	---	34.54	54.00	19.46	500.0	200.0	H	212.0	5.5
1705.250000	---	36.09	54.00	17.91	500.0	200.0	V	111.0	7.4
1996.625000	48.41	---	68.20	19.79	500.0	100.0	V	115.0	8.6
2374.625000	---	39.52	54.00	14.48	500.0	200.0	V	12.0	10.0
2477.000000	50.04	---	68.20	18.16	500.0	200.0	H	140.0	10.4
3560.250000	52.74	---	68.20	15.46	500.0	200.0	H	278.0	13.9
3998.625000	---	42.29	54.00	11.71	500.0	200.0	V	0.0	14.5
4427.375000	53.71	---	68.20	14.49	500.0	200.0	H	151.0	15.9
7627.250000	---	46.84	54.00	7.16	500.0	200.0	V	30.0	21.8
7917.750000	60.04	---	68.20	8.16	500.0	200.0	H	205.0	23.5

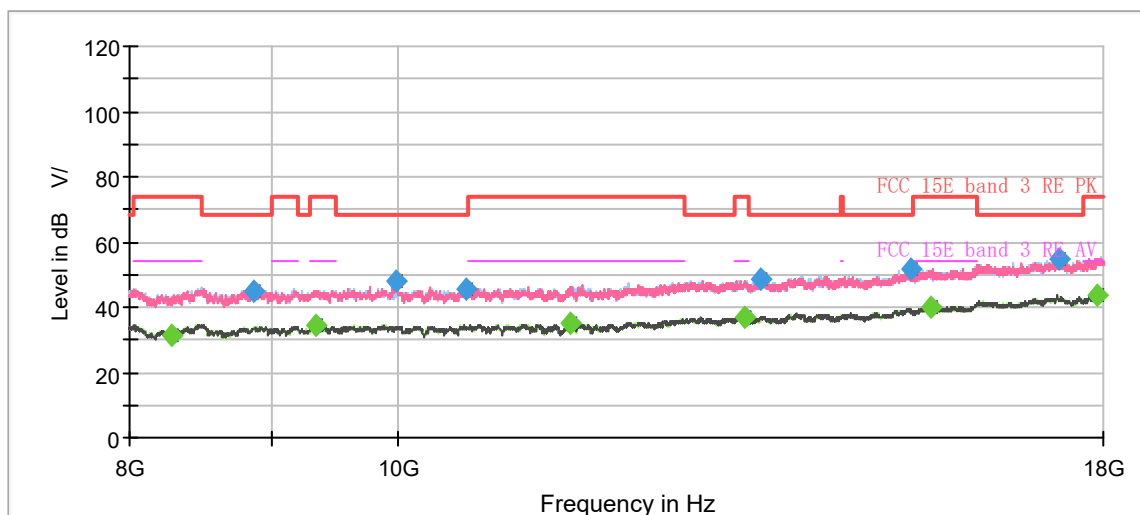
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ax (HE80) CH155



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



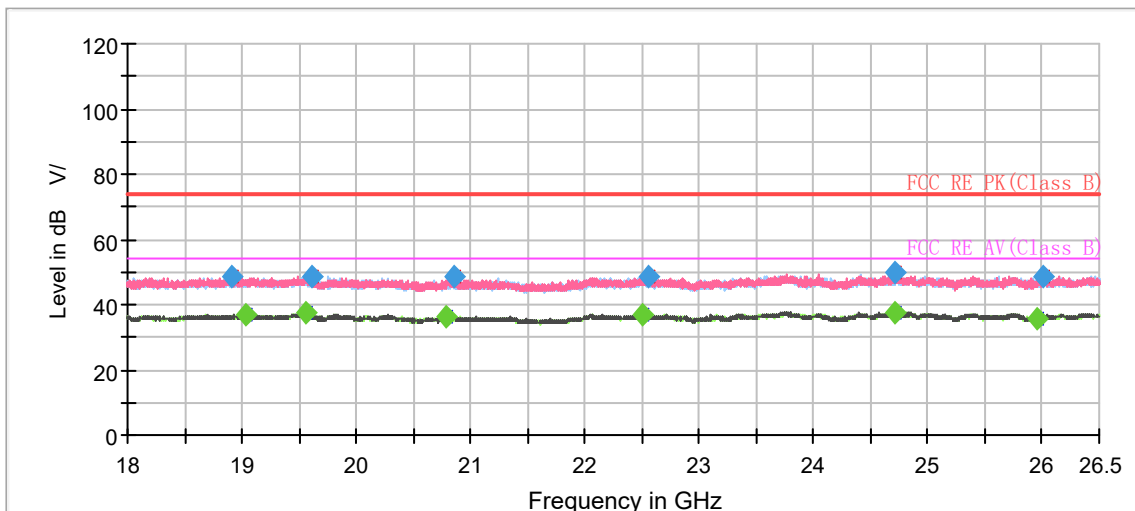
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	37.99	54.00	16.01	500.0	200.0	H	286.0	4.0
1276.500000	46.21	---	68.20	21.99	500.0	200.0	V	240.0	5.0
1352.625000	---	34.41	54.00	19.59	500.0	200.0	H	101.0	5.4
1695.625000	---	36.02	54.00	17.98	500.0	200.0	H	311.0	7.4
1994.875000	48.14	---	68.20	20.06	500.0	200.0	H	267.0	8.6
2374.625000	---	39.60	54.00	14.40	500.0	200.0	V	0.0	10.0
2472.625000	50.76	---	68.20	17.44	500.0	200.0	V	284.0	10.4
3569.000000	52.68	---	68.20	15.52	500.0	200.0	V	316.0	13.8
3977.625000	---	42.00	54.00	12.00	500.0	200.0	V	10.0	14.5
4431.750000	53.87	---	68.20	14.33	500.0	200.0	V	144.0	15.9
7649.125000	---	46.89	54.00	7.11	500.0	200.0	H	0.0	21.9
7992.125000	59.60	---	68.20	8.60	500.0	200.0	V	0.0	23.6

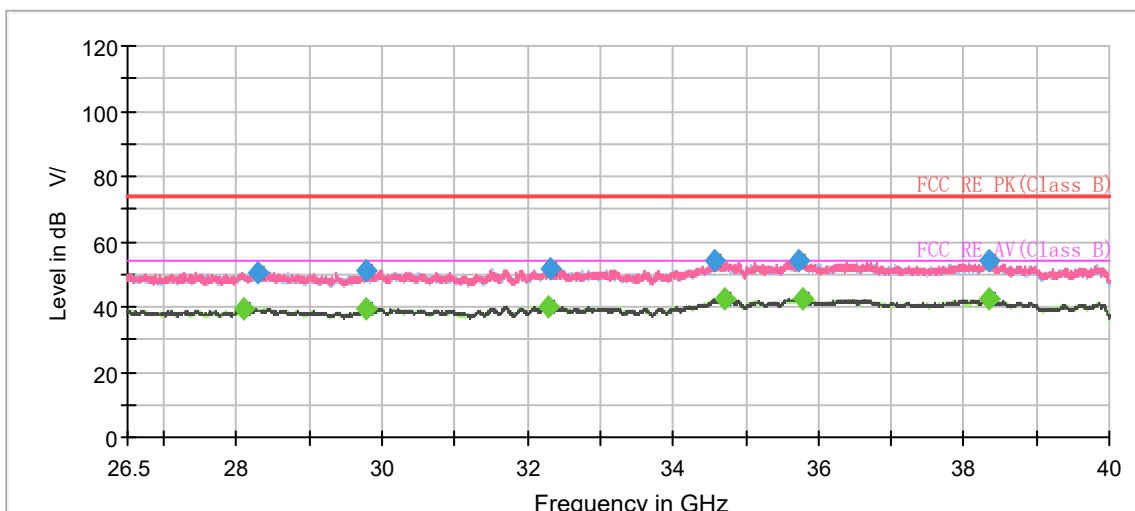
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

During the test, the Radiates Emission from 18GHz to 40GHz was performed in all modes with all channels, 802.11ax (HE40), Channel 118 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.



Radiates Emission from 18GHz to 26.5GHz



Radiates Emission from 26.5GHz to 40GHz

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)
18913.750000	48.39	---	74.00	25.61	500.0	200.0	H	85.0	-5.6
19027.437500	---	37.05	54.00	16.95	500.0	100.0	V	276.0	-5.6
19557.625000	---	37.34	54.00	16.66	500.0	200.0	H	218.0	-5.3
19616.062500	48.67	---	74.00	25.33	500.0	200.0	H	149.0	-5.3
20786.937500	---	36.53	54.00	17.47	500.0	100.0	V	148.0	-5.1
20859.187500	48.72	---	74.00	25.28	500.0	200.0	V	295.0	-5.1
22501.812500	---	36.89	54.00	17.11	500.0	100.0	V	242.0	-3.9
22549.625000	48.37	---	74.00	25.63	500.0	200.0	H	24.0	-3.9
24713.937500	49.68	---	74.00	24.32	500.0	200.0	V	252.0	-2.1
24713.937500	---	37.75	54.00	16.25	500.0	200.0	H	19.0	-2.1
25962.375000	---	35.81	54.00	18.19	500.0	200.0	H	163.0	-2.5
26017.625000	48.70	---	74.00	25.30	500.0	100.0	V	337.0	-2.4

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

2. Margin = Limit-MAX Peak/ Average

5.6. Conducted Emission

Ambient condition

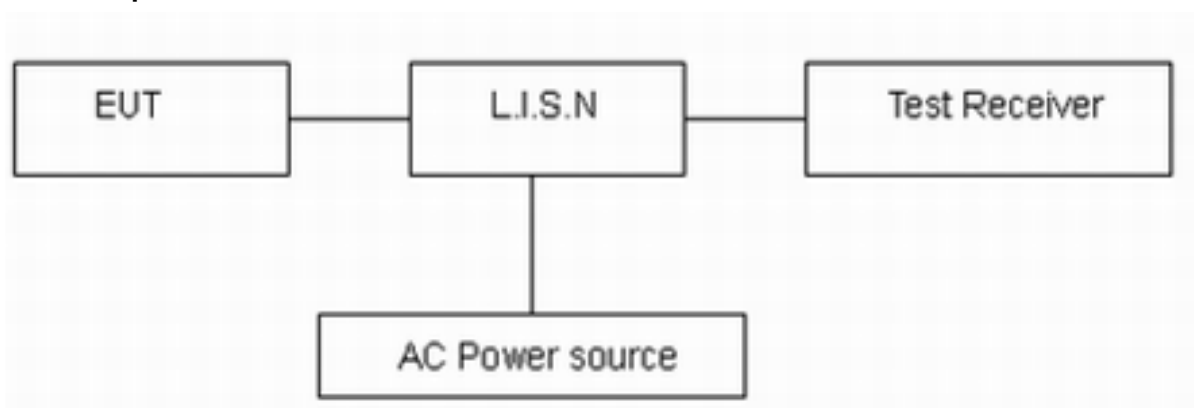
Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

Methods of Measurement

The EUT IS placed on a non-metallic table of 80cm height above the horizontal metal reference ground plane. During the test, the EUT was operating in its typical mode. The test method is according to ANSI C63.10. Connect the AC power line of the EUT to the LISN Use EMI receiver to detect the average and Quasi-peak value. RBW is set to 9kHz, VBW is set to 30kHz The measurement result should include both L line and N line.

The test is in transmitting mode.

Test Setup



Note: AC Power source is used to change the voltage 110V/60Hz.

Limits

Frequency (MHz)	Conducted Limits(dBμV)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56 *	56 to 46*
0.5 - 5	56	46
5 - 30	60	50

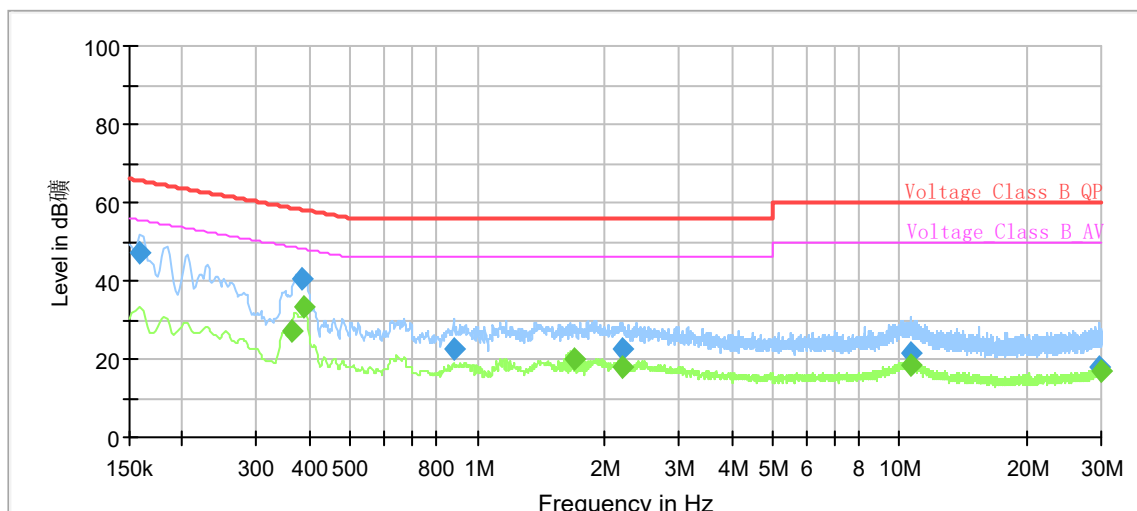
*: Decreases with the logarithm of the frequency.

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor $k = 1.96$, $U = 2.69$ dB.

Test Results:

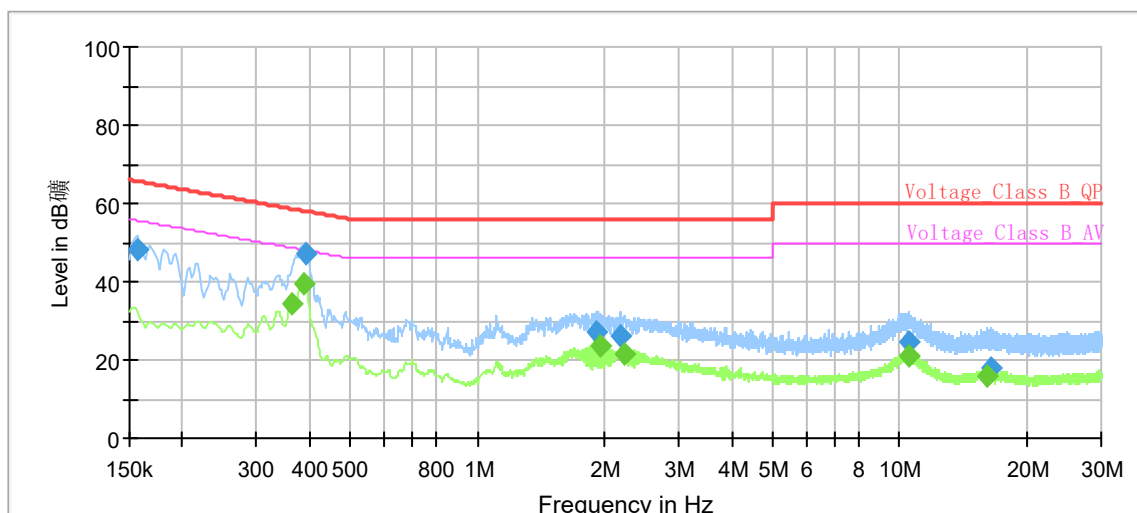
Following plots, Blue trace uses the peak detection and Green trace uses the average detection. During the test, the Conducted Emission was performed in all modes with all channels, 802.11ax (HE40), Channel 118 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.



Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.16	47.35	---	65.52	18.17	1000.0	9.000	L1	ON	21.0
0.36	---	27.14	48.69	21.55	1000.0	9.000	L1	ON	21.0
0.38	40.58	---	58.19	17.61	1000.0	9.000	L1	ON	21.0
0.39	---	33.12	48.10	14.98	1000.0	9.000	L1	ON	21.0
0.88	22.34	---	56.00	33.66	1000.0	9.000	L1	ON	20.3
1.69	---	20.03	46.00	25.97	1000.0	9.000	L1	ON	19.8
2.20	---	18.05	46.00	27.95	1000.0	9.000	L1	ON	19.7
2.21	22.46	---	56.00	33.54	1000.0	9.000	L1	ON	19.7
10.61	---	18.53	50.00	31.47	1000.0	9.000	L1	ON	19.5
10.61	21.62	---	60.00	38.38	1000.0	9.000	L1	ON	19.5
29.60	17.85	---	60.00	42.15	1000.0	9.000	L1	ON	19.7
29.92	---	16.87	50.00	33.13	1000.0	9.000	L1	ON	19.7

Remark: Correct factor=cable loss + LISN factor

L line Conducted Emission from 150 KHz to 30 MHz



Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.16	48.26	---	65.63	17.37	1000.0	9.000	N	ON	21.0
0.36	---	34.19	48.69	14.50	1000.0	9.000	N	ON	21.0
0.39	---	39.73	48.14	8.41	1000.0	9.000	N	ON	21.0
0.39	47.04	---	58.05	11.01	1000.0	9.000	N	ON	21.0
1.92	27.04	---	56.00	28.96	1000.0	9.000	N	ON	19.7
1.95	---	23.39	46.00	22.61	1000.0	9.000	N	ON	19.7
2.18	25.94	---	56.00	30.06	1000.0	9.000	N	ON	19.7
2.24	---	21.73	46.00	24.27	1000.0	9.000	N	ON	19.7
10.55	---	20.83	50.00	29.17	1000.0	9.000	N	ON	19.6
10.55	24.58	---	60.00	35.42	1000.0	9.000	N	ON	19.6
16.17	---	15.95	50.00	34.05	1000.0	9.000	N	ON	19.7
16.43	18.11	---	60.00	41.89	1000.0	9.000	N	ON	19.7

Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 KHz to 30 MHz

6. Main Test Instruments

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Power sensor	R&S	NRP18S	101954	2023-05-12	2024-05-11
Spectrum Analyzer	KEYSIGHT	N9020A	MY51330870	2023-05-12	2024-05-11
DC power supply	UNI-T	UTP1306S+	2205D051742 6	2022-12-10	2023-12-09
Climate Chamber	ESPEC	SU-242	93000506	2022-12-10	2023-12-09
Unwanted Emission					
EMI Test Receiver	R&S	ESR	102389	2023-05-12	2024-05-11
Signal Analyzer	R&S	FSV40	101186	2023-05-12	2024-05-11
Loop Antenna	SCHWARZBECK	FMZB1519	1519-047	2023-04-16	2026-04-15
Triple-Loop antenna	R&S	HM020E	101140	2021-06-07	2024-06-06
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9163	1023	2023-07-14	2026-07-13
Horn Antenna	R&S	HF907	102723	2021-07-24	2024-07-23
Amplifier	R&S	SCU18	10034	2023-05-12	2024-05-11
Horn Antenna	ETS-Lindgren	3160-09	00102643	2021-10-10	2024-10-09
Horn Antenna	STEATITE	QSH-SL-26-4 0-K-15	16779	2023-01-17	2026-01-16
Preamplifier	MicroWave	TPA-003/ 30M-1000M	13030502	2023-05-12	2024-05-11
Software	R&S	EMC32	9.26.01	/	/
Conducted Emission					
Artificial main network	R&S	ENV216	102191	2022-12-13	2024-12-09
EMI Test Receiver	R&S	ESR	101667	2023-05-12	2024-05-11
Software	R&S	EMC32	10.35.10	/	/

ANNEX A: The EUT Appearance

The EUT Appearance are submitted separately.

ANNEX B: Test Setup Photos

The Test Setup Photos are submitted separately.

***** END OF REPORT *****