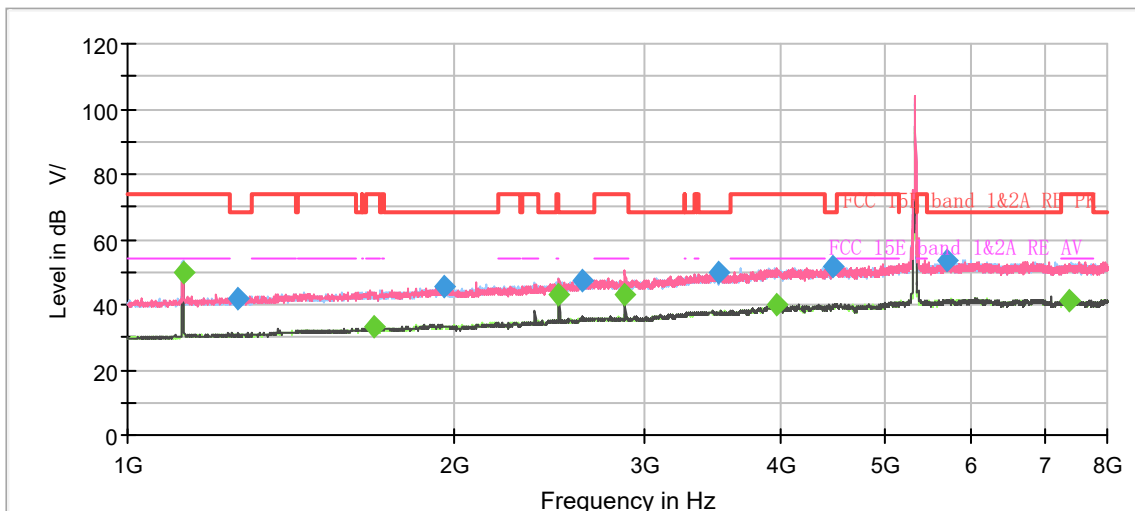


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1124.250000	---	49.50	54.00	4.50	500.0	200.0	H	255.0	-8.2
1258.125000	42.37	---	68.20	25.83	500.0	200.0	H	354.0	-7.4
1721.000000	---	32.77	54.00	21.23	500.0	200.0	V	119.0	-4.8
1989.625000	45.21	---	68.20	22.99	500.0	200.0	V	33.0	-3.5
2499.750000	---	42.37	54.00	11.63	500.0	200.0	V	57.0	-1.2
2617.000000	47.24	---	68.20	20.96	500.0	100.0	H	10.0	-0.6
2875.125000	---	42.84	54.00	11.16	500.0	200.0	V	168.0	0.2
3435.125000	50.10	---	68.20	18.10	500.0	100.0	V	66.0	2.3
3954.000000	---	39.13	54.00	14.87	500.0	200.0	V	196.0	4.4
4463.250000	51.09	---	68.20	17.11	500.0	100.0	V	229.0	5.4
5628.750000	52.37	---	68.20	15.83	500.0	200.0	H	255.0	8.0
7356.875000	---	41.40	54.00	12.60	500.0	200.0	V	219.0	9.3

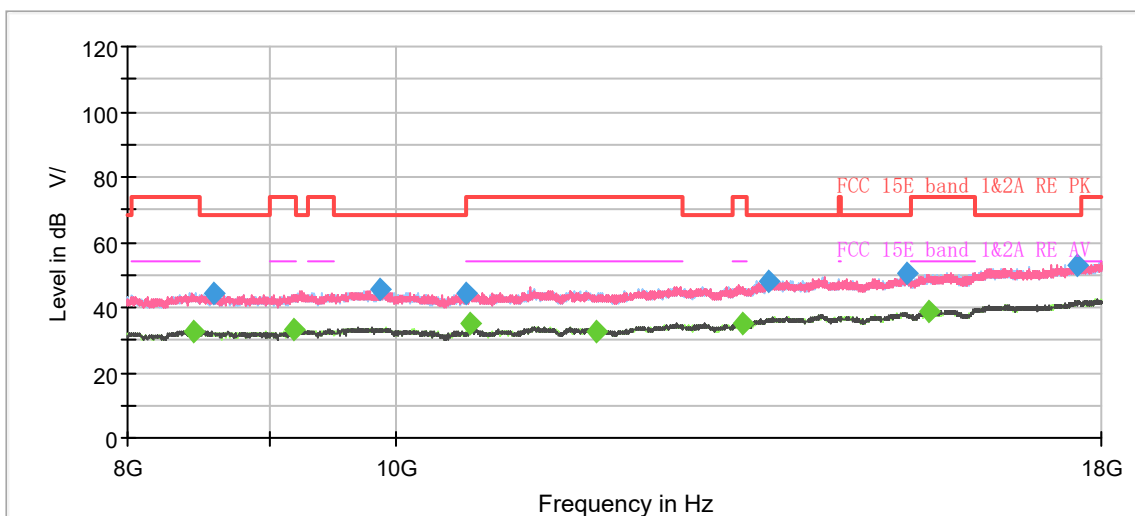
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH64



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



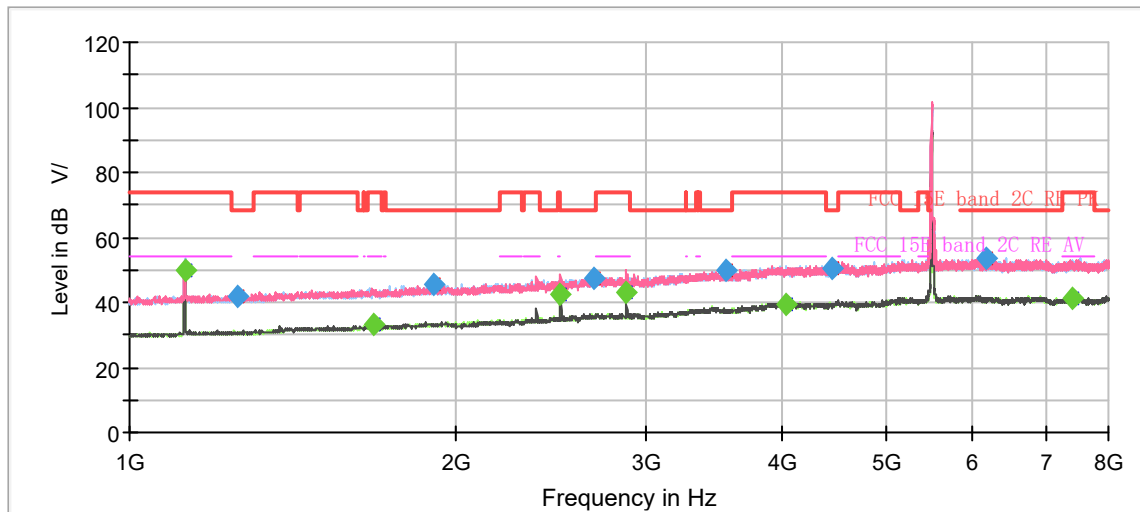
Radiates Emission from 8GHz to 18GHz

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	---	49.80	54.00	4.20	500.0	200.0	H	250.0	-8.2
1265.125000	41.68	---	68.20	26.52	500.0	200.0	H	342.0	-7.4
1687.750000	---	33.20	54.00	20.80	500.0	100.0	V	254.0	-5.0
1954.625000	45.24	---	68.20	22.96	500.0	100.0	V	230.0	-3.7
2499.750000	---	43.01	54.00	10.99	500.0	200.0	V	52.0	-1.2
2628.375000	47.14	---	68.20	21.06	500.0	100.0	V	277.0	-0.5
2875.125000	---	42.79	54.00	11.21	500.0	200.0	V	183.0	0.2
3499.000000	49.76	---	68.20	18.44	500.0	200.0	H	139.0	2.5
3969.750000	---	39.85	54.00	14.15	500.0	200.0	H	201.0	4.5
4471.125000	51.43	---	68.20	16.77	500.0	200.0	V	13.0	5.4
5690.000000	53.45	---	68.20	14.75	500.0	100.0	H	91.0	8.1
7394.500000	---	41.39	54.00	12.61	500.0	200.0	V	149.0	9.3

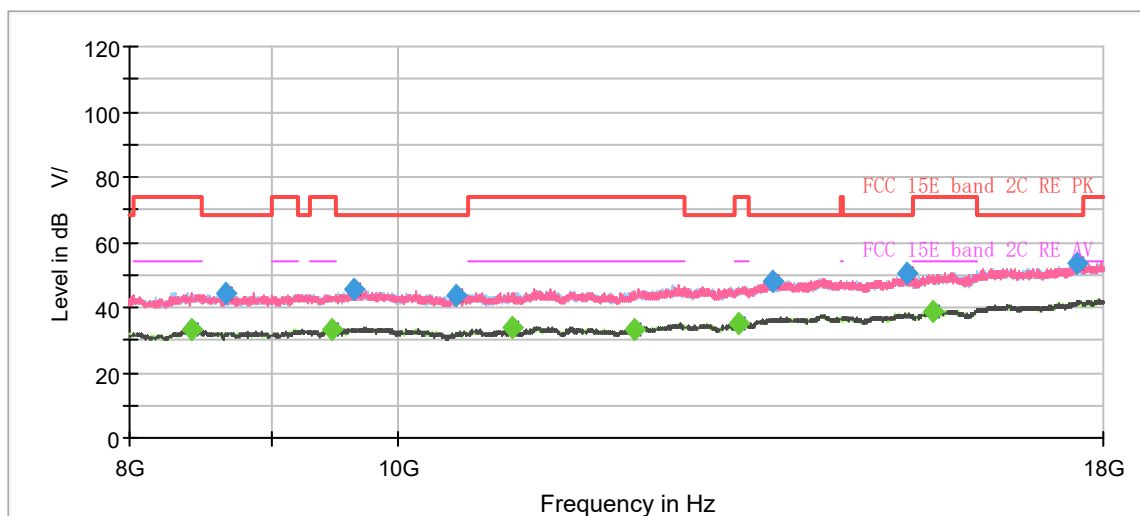
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH100



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



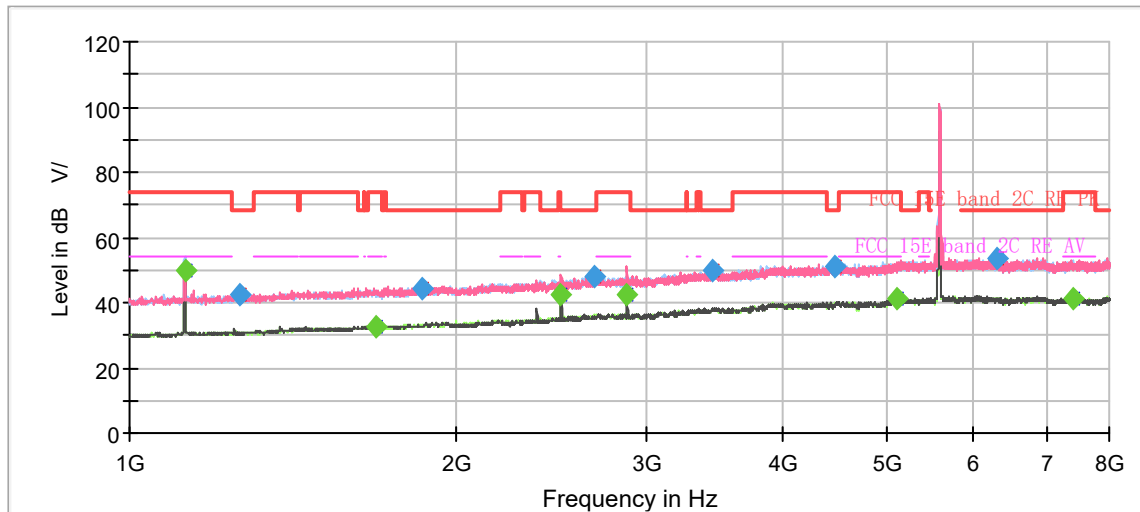
Radiates Emission from 8GHz to 18GHz

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	---	49.99	54.00	4.01	500.0	200.0	H	252.0	-8.2
1255.500000	41.60	---	68.20	26.60	500.0	200.0	H	351.0	-7.4
1683.375000	---	32.94	54.00	21.06	500.0	100.0	V	164.0	-5.0
1907.375000	45.76	---	68.20	22.44	500.0	100.0	H	126.0	-3.9
2499.750000	---	42.73	54.00	11.27	500.0	200.0	V	55.0	-1.2
2677.375000	47.42	---	68.20	20.78	500.0	100.0	V	111.0	-0.2
2875.125000	---	43.04	54.00	10.96	500.0	200.0	V	173.0	0.2
3552.375000	49.76	---	68.20	18.44	500.0	100.0	H	35.0	2.6
4036.250000	---	39.10	54.00	14.90	500.0	100.0	H	106.0	4.6
4447.500000	50.29	---	68.20	17.91	500.0	200.0	H	356.0	5.3
6182.625000	53.50	---	68.20	14.70	500.0	200.0	H	214.0	8.1
7399.750000	---	41.37	54.00	12.63	500.0	200.0	V	26.0	9.3

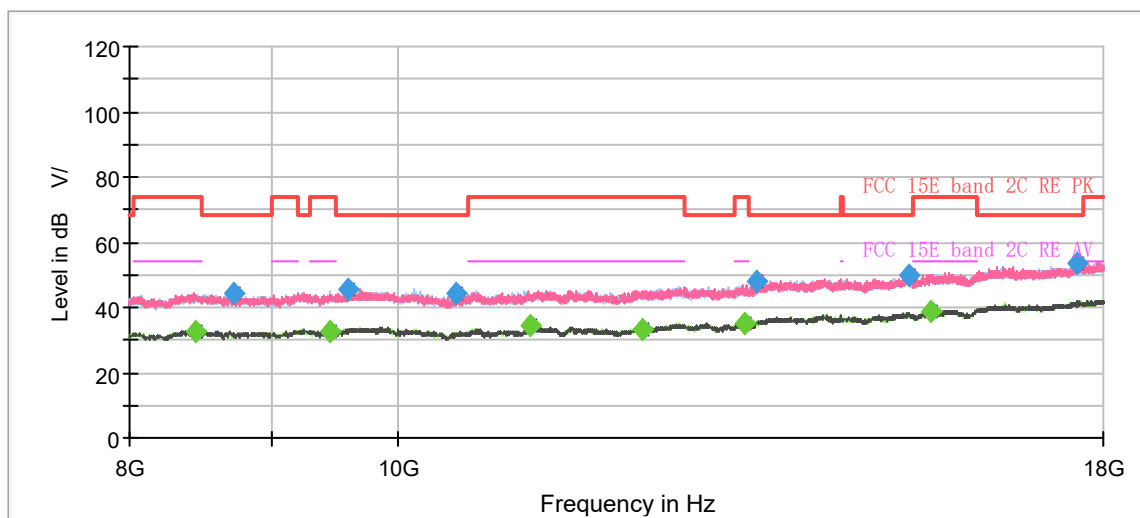
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH116



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



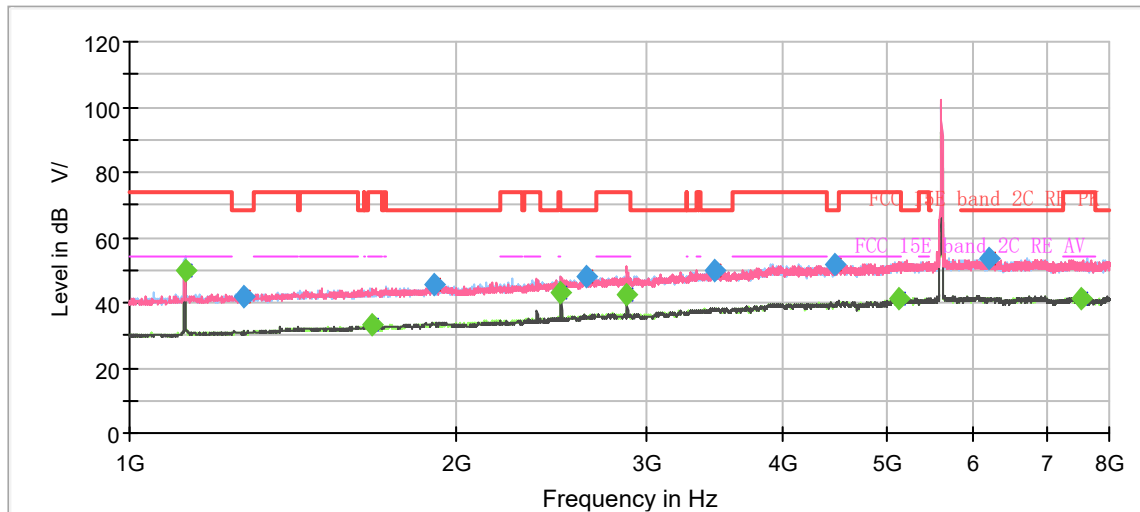
Radiates Emission from 8GHz to 18GHz

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	---	50.03	54.00	3.97	500.0	200.0	H	255.0	-8.2
1261.625000	42.24	---	68.20	25.96	500.0	100.0	H	85.0	-7.4
1685.125000	---	32.83	54.00	21.17	500.0	200.0	V	359.0	-5.0
1863.625000	44.16	---	68.20	24.04	500.0	200.0	V	149.0	-4.1
2499.750000	---	42.35	54.00	11.65	500.0	200.0	V	60.0	-1.2
2676.500000	48.13	---	68.20	20.07	500.0	200.0	H	283.0	-0.2
2875.125000	---	42.52	54.00	11.48	500.0	200.0	V	173.0	0.2
3443.875000	49.80	---	68.20	18.40	500.0	200.0	V	121.0	2.4
4474.625000	51.24	---	68.20	16.96	500.0	100.0	V	318.0	5.4
5092.375000	---	41.29	54.00	12.71	500.0	200.0	V	116.0	6.9
6306.875000	53.43	---	68.20	14.77	500.0	100.0	H	152.0	8.0
7405.000000	---	41.32	54.00	12.68	500.0	100.0	H	67.0	9.3

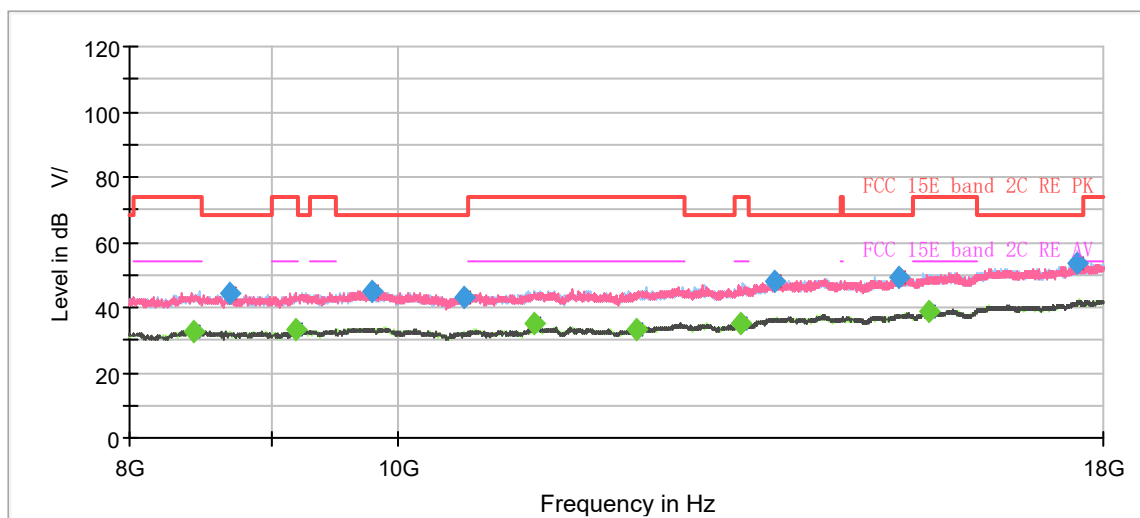
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH120



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



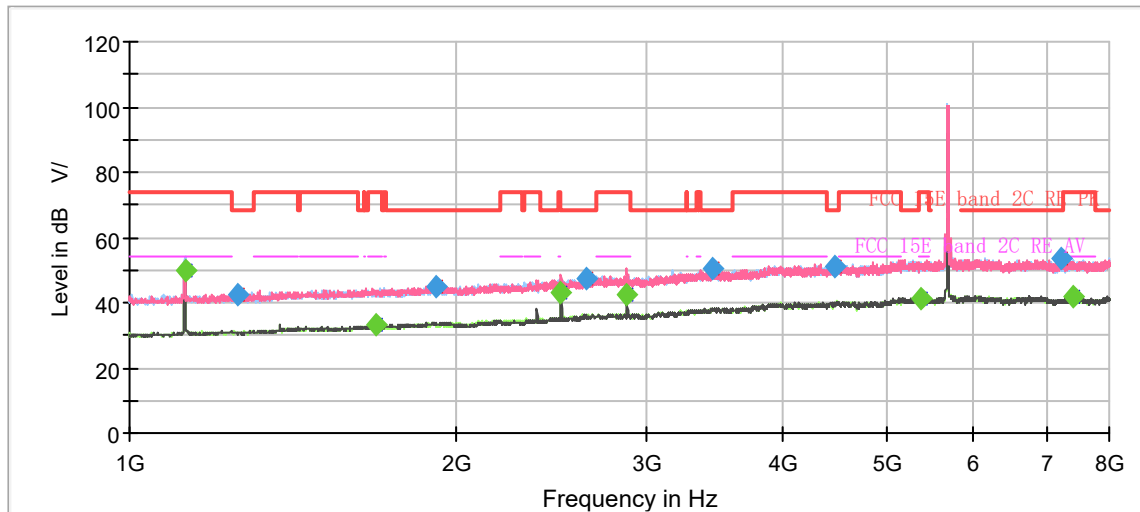
Radiates Emission from 8GHz to 18GHz

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	---	49.99	54.00	4.01	500.0	200.0	H	254.0	-8.2
1272.125000	41.55	---	68.20	26.65	500.0	200.0	H	268.0	-7.3
1672.875000	---	33.13	54.00	20.87	500.0	200.0	V	117.0	-5.0
1910.875000	45.69	---	68.20	22.51	500.0	100.0	V	231.0	-3.9
2499.750000	---	43.17	54.00	10.83	500.0	200.0	V	54.0	-1.2
2632.750000	47.78	---	68.20	20.42	500.0	200.0	V	0.0	-0.5
2875.125000	---	42.40	54.00	11.60	500.0	200.0	V	179.0	0.2
3457.000000	49.77	---	68.20	18.43	500.0	200.0	V	107.0	2.4
4459.750000	51.74	---	68.20	16.46	500.0	200.0	V	235.0	5.4
5117.750000	---	41.24	54.00	12.76	500.0	100.0	H	343.0	7.0
6210.625000	53.60	---	68.20	14.60	500.0	200.0	H	43.0	8.1
7531.875000	---	41.40	54.00	12.60	500.0	100.0	H	30.0	8.8

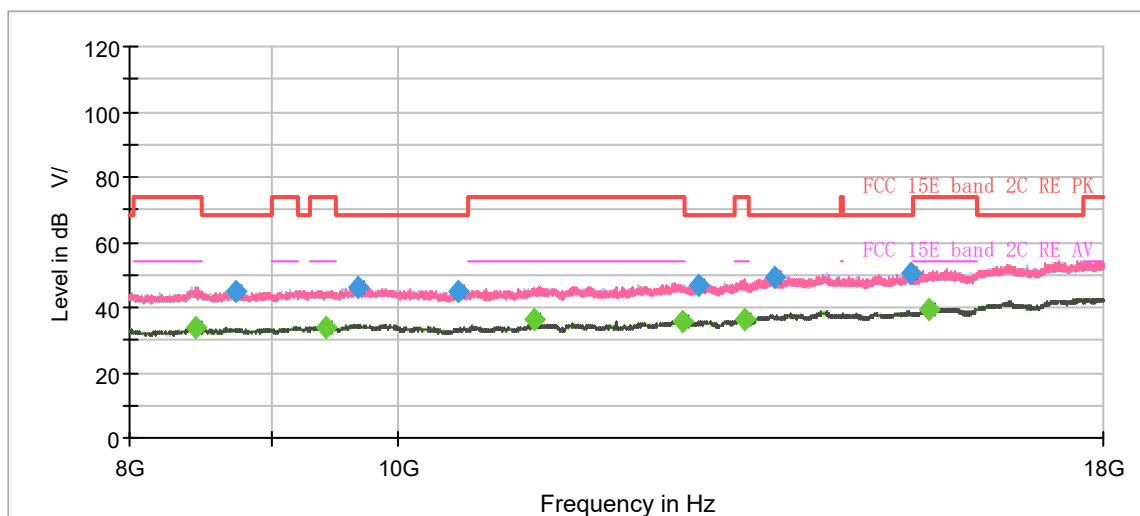
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH136



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



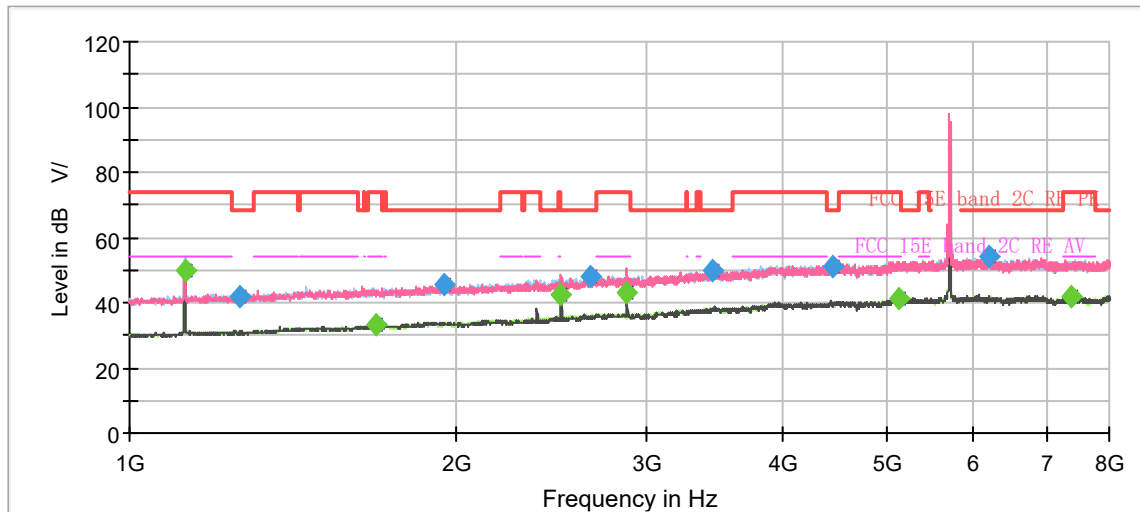
Radiates Emission from 8GHz to 18GHz

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	---	50.03	54.00	3.97	500.0	200.0	H	256.0	-8.2
1258.125000	42.36	---	68.20	25.84	500.0	100.0	H	67.0	-7.4
1684.250000	---	33.05	54.00	20.95	500.0	200.0	V	161.0	-5.0
1918.750000	45.14	---	68.20	23.06	500.0	100.0	H	20.0	-3.9
2499.750000	---	42.84	54.00	11.16	500.0	200.0	V	52.0	-1.2
2631.875000	47.66	---	68.20	20.54	500.0	200.0	H	55.0	-0.5
2875.125000	---	42.41	54.00	11.59	500.0	200.0	V	170.0	0.2
3450.000000	50.43	---	68.20	17.77	500.0	200.0	H	194.0	2.4
4462.375000	51.13	---	68.20	17.07	500.0	100.0	H	20.0	5.4
5368.875000	---	41.08	54.00	12.92	500.0	200.0	V	68.0	7.4
7223.875000	53.43	---	68.20	14.77	500.0	100.0	V	178.0	9.2
7398.000000	---	41.72	54.00	12.28	500.0	200.0	H	64.0	9.3

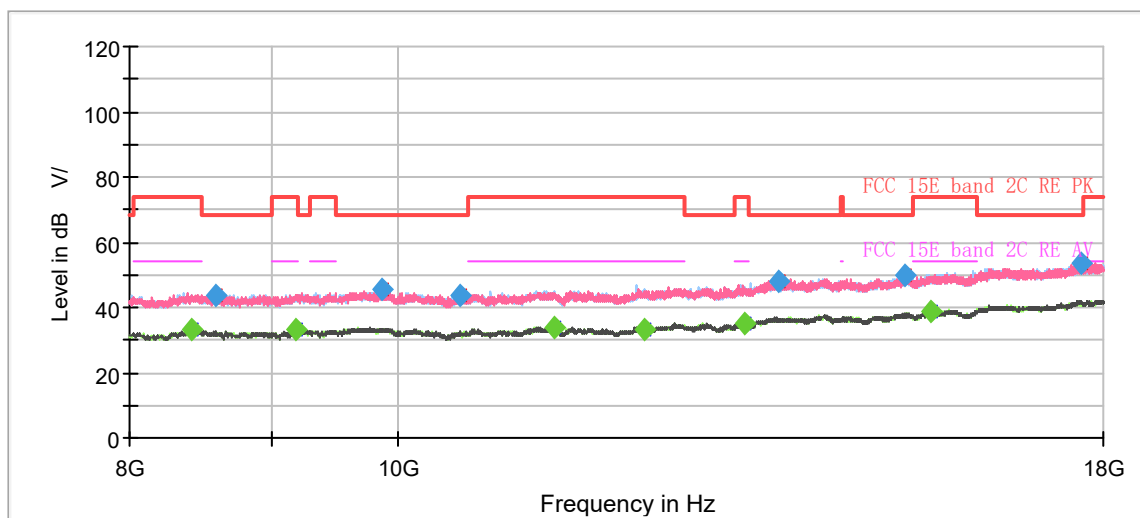
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH140



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



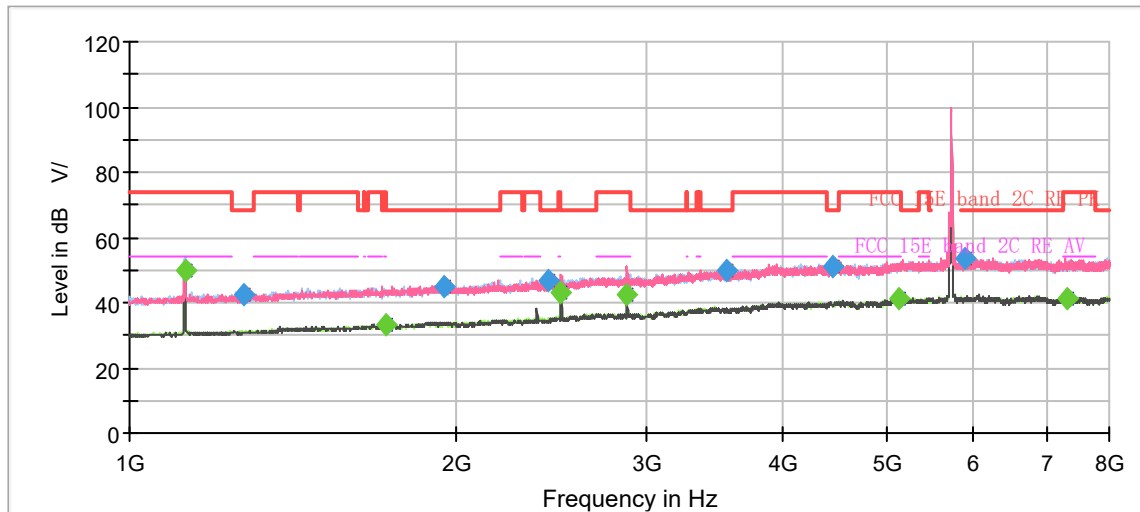
Radiates Emission from 8GHz to 18GHz

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	---	49.91	54.00	4.09	500.0	200.0	H	251.0	-8.2
1266.000000	42.08	---	68.20	26.12	500.0	100.0	H	43.0	-7.4
1685.125000	---	33.28	54.00	20.72	500.0	100.0	V	349.0	-5.0
1948.500000	45.76	---	68.20	22.44	500.0	100.0	V	340.0	-3.7
2499.750000	---	42.47	54.00	11.53	500.0	200.0	V	79.0	-1.2
2658.125000	47.74	---	68.20	20.46	500.0	200.0	H	328.0	-0.3
2875.125000	---	43.14	54.00	10.86	500.0	200.0	V	196.0	0.2
3445.625000	49.94	---	68.20	18.26	500.0	100.0	V	235.0	2.4
4443.125000	51.06	---	68.20	17.14	500.0	100.0	V	286.0	5.3
5124.750000	---	41.07	54.00	12.93	500.0	100.0	H	115.0	7.0
6210.625000	54.15	---	68.20	14.05	500.0	100.0	H	208.0	8.1
7391.875000	---	41.66	54.00	12.34	500.0	200.0	V	74.0	9.3

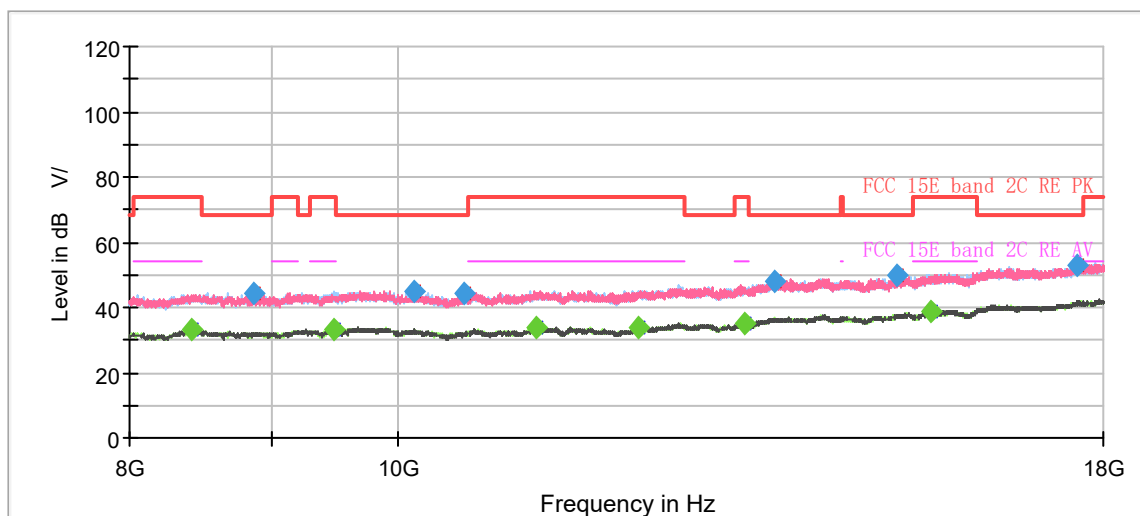
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH144



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



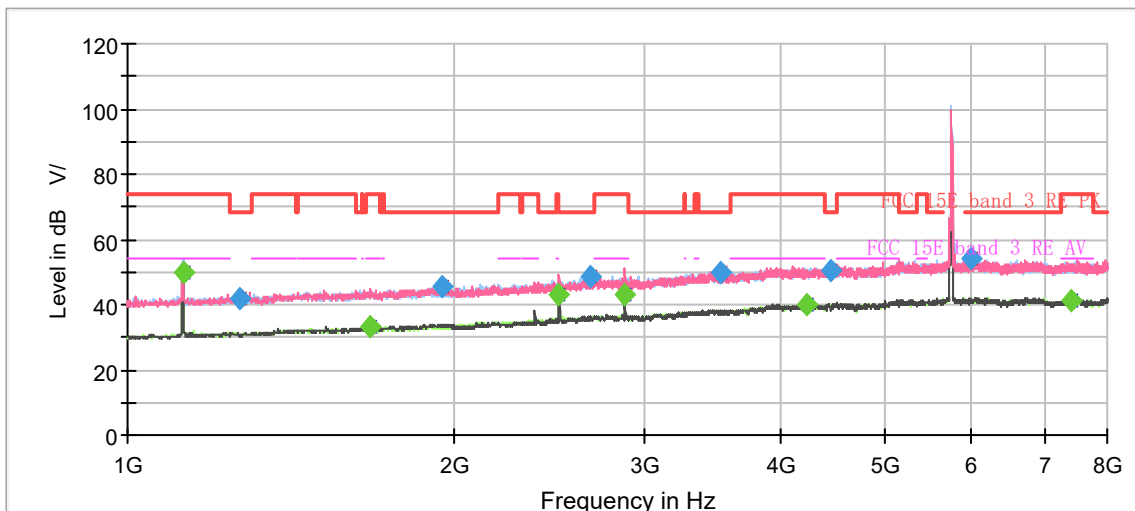
Radiates Emission from 8GHz to 18GHz

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	---	50.08	54.00	3.92	500.0	200.0	H	251.0	-8.2
1274.750000	42.37	---	68.20	25.83	500.0	200.0	H	284.0	-7.3
1720.125000	---	33.06	54.00	20.94	500.0	200.0	V	165.0	-4.9
1953.750000	45.07	---	68.20	23.13	500.0	100.0	V	60.0	-3.7
2428.000000	46.67	---	68.20	21.53	500.0	100.0	H	49.0	-1.5
2499.750000	---	42.87	54.00	11.13	500.0	200.0	V	54.0	-1.2
2874.250000	---	42.74	54.00	11.26	500.0	200.0	V	184.0	0.2
3552.375000	49.81	---	68.20	18.39	500.0	200.0	V	343.0	2.6
4442.250000	50.99	---	68.20	17.21	500.0	200.0	V	59.0	5.3
5121.250000	---	41.26	54.00	12.74	500.0	100.0	H	42.0	7.0
5893.875000	53.73	---	68.20	14.47	500.0	200.0	H	231.0	8.0
7308.750000	---	41.44	54.00	12.56	500.0	100.0	V	176.0	9.3

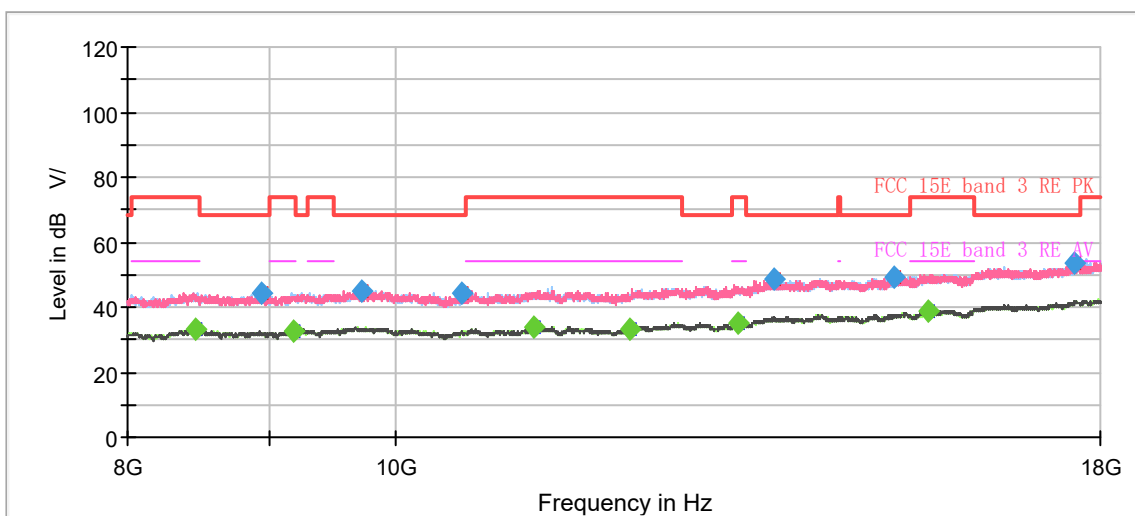
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH149



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



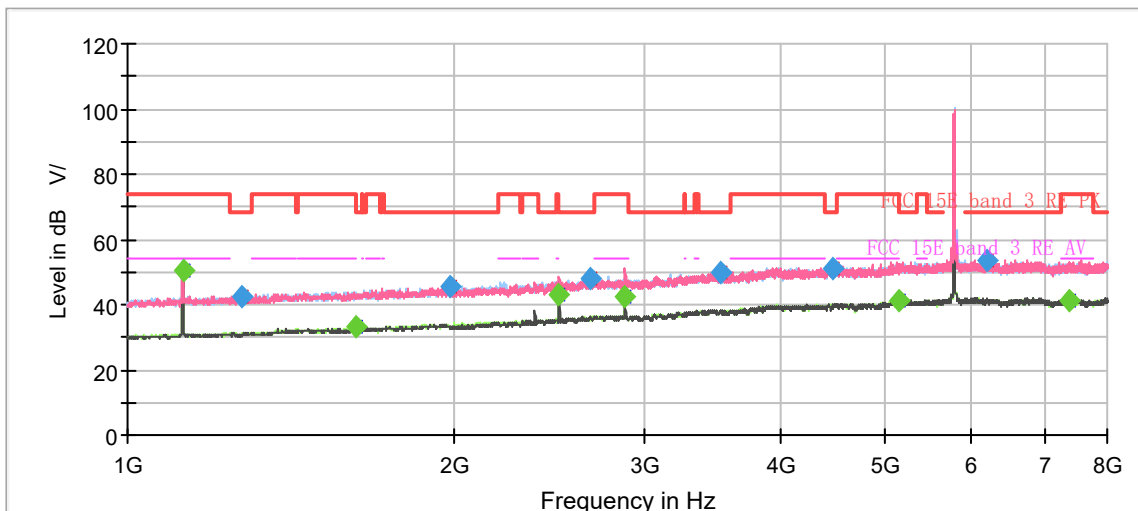
Radiates Emission from 8GHz to 18GHz

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	---	49.81	54.00	4.19	500.0	200.0	H	250.0	-8.2
1269.500000	41.90	---	68.20	26.30	500.0	100.0	H	101.0	-7.3
1676.375000	---	33.09	54.00	20.91	500.0	200.0	V	162.0	-5.0
1946.750000	45.61	---	68.20	22.59	500.0	100.0	V	0.0	-3.7
2499.750000	---	43.04	54.00	10.96	500.0	200.0	V	80.0	-1.2
2669.500000	48.36	---	68.20	19.84	500.0	200.0	H	322.0	-0.3
2875.125000	---	42.82	54.00	11.18	500.0	200.0	V	189.0	0.2
3524.375000	50.10	---	68.20	18.10	500.0	100.0	H	359.0	2.6
4224.375000	---	39.71	54.00	14.29	500.0	100.0	H	0.0	4.7
4440.500000	50.67	---	68.20	17.53	500.0	200.0	V	45.0	5.3
5994.500000	53.88	---	68.20	14.32	500.0	200.0	H	65.0	8.0
7396.250000	---	41.47	54.00	12.53	500.0	200.0	V	280.0	9.3

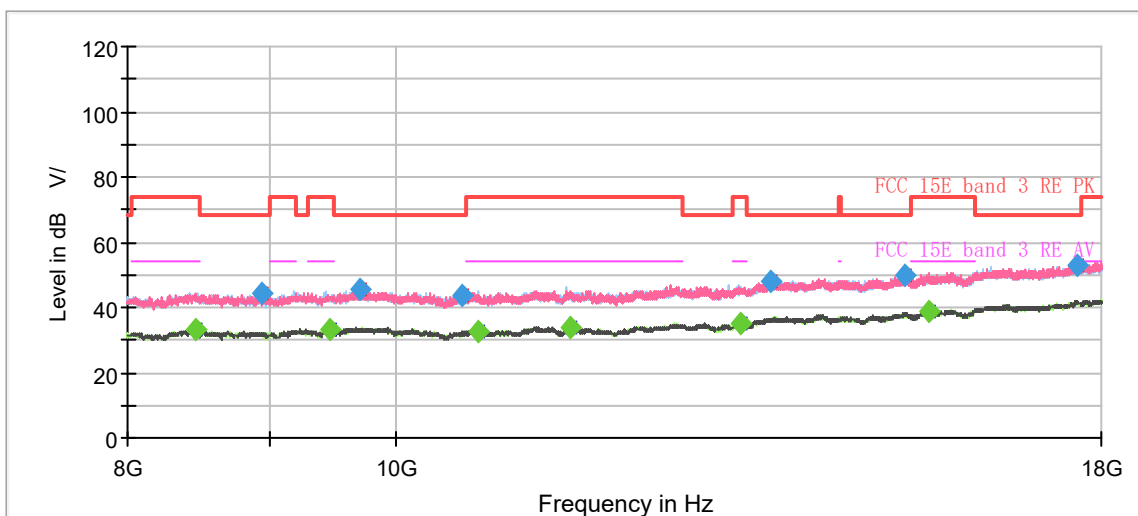
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH157



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



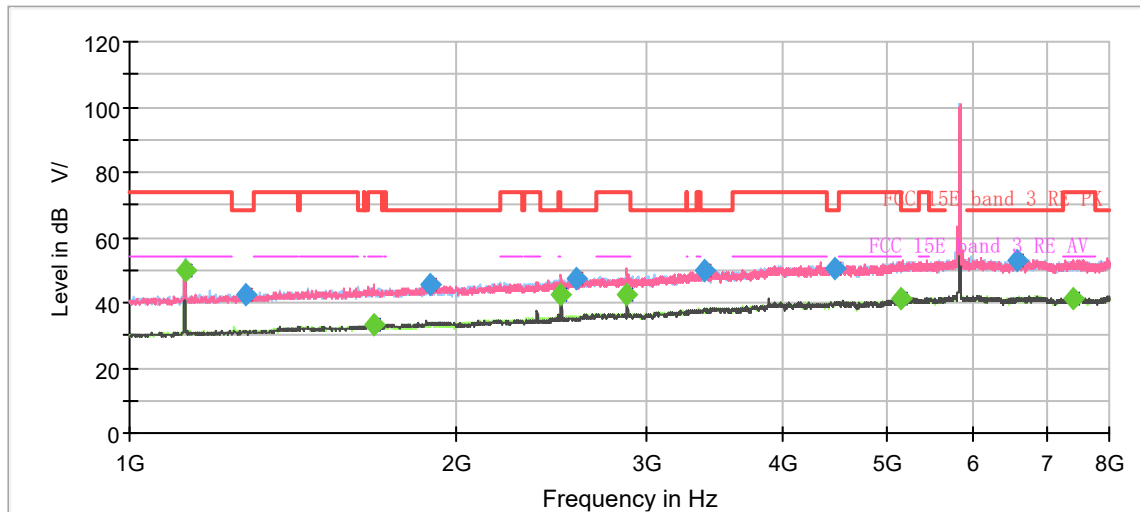
Radiates Emission from 8GHz to 18GHz

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	---	50.16	54.00	3.84	500.0	200.0	H	252.0	-8.2
1276.500000	42.42	---	68.20	25.78	500.0	100.0	H	71.0	-7.3
1624.750000	---	33.10	54.00	20.90	500.0	100.0	H	134.0	-5.4
1982.625000	45.43	---	68.20	22.77	500.0	100.0	V	325.0	-3.5
2499.750000	---	43.05	54.00	10.95	500.0	200.0	V	57.0	-1.2
2673.000000	48.30	---	68.20	19.90	500.0	200.0	H	0.0	-0.3
2875.125000	---	42.58	54.00	11.42	500.0	200.0	V	172.0	0.2
3523.500000	49.96	---	68.20	18.24	500.0	200.0	V	37.0	2.6
4462.375000	51.33	---	68.20	16.87	500.0	200.0	V	63.0	5.4
5142.250000	---	41.40	54.00	12.60	500.0	200.0	V	0.0	7.1
6208.875000	53.72	---	68.20	14.48	500.0	100.0	V	235.0	8.1
7384.000000	---	41.45	54.00	12.55	500.0	200.0	V	50.0	9.3

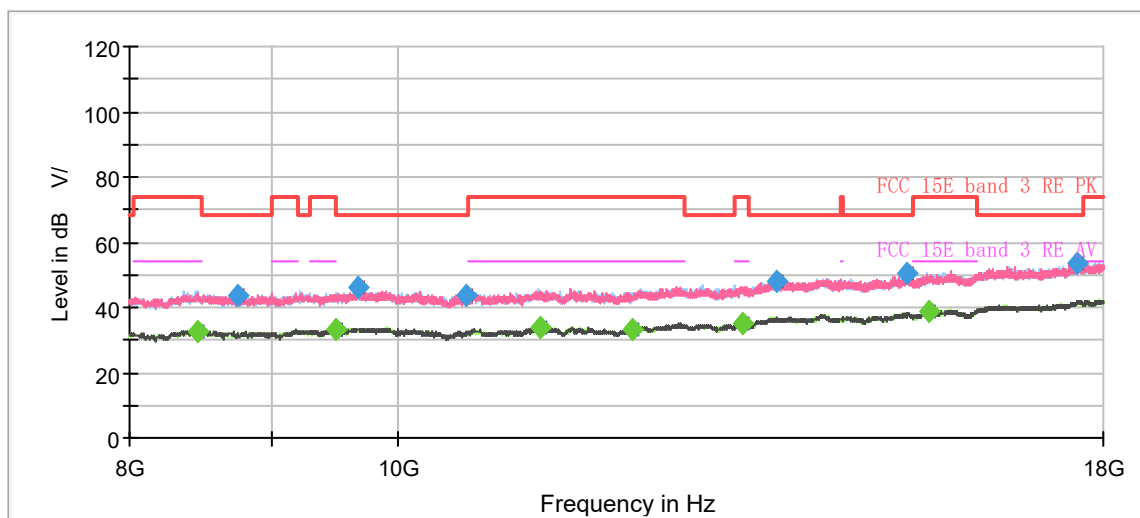
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH165



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



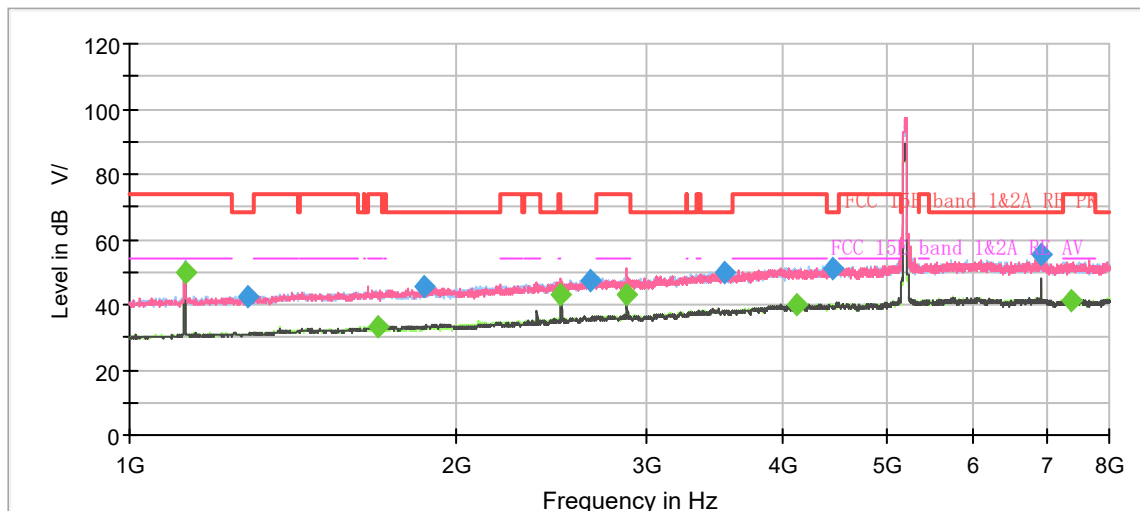
Radiates Emission from 8GHz to 18GHz

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	---	49.94	54.00	4.06	500.0	200.0	H	253.0	-8.2
1280.000000	42.48	---	68.20	25.72	500.0	200.0	H	148.0	-7.3
1681.625000	---	33.22	54.00	20.78	500.0	200.0	V	118.0	-5.0
1893.375000	45.36	---	68.20	22.84	500.0	200.0	V	58.0	-4.0
2499.750000	---	42.50	54.00	11.50	500.0	200.0	V	79.0	-1.2
2576.750000	47.46	---	68.20	20.74	500.0	100.0	V	197.0	-0.8
2875.125000	---	42.70	54.00	11.30	500.0	200.0	V	179.0	0.2
3394.875000	50.12	---	68.20	18.08	500.0	200.0	V	58.0	2.2
4467.625000	50.63	---	68.20	17.57	500.0	100.0	H	36.0	5.4
5148.375000	---	41.16	54.00	12.84	500.0	200.0	H	4.0	7.1
6592.125000	52.80	---	68.20	15.40	500.0	200.0	V	72.0	8.2
7398.875000	---	41.41	54.00	12.59	500.0	200.0	V	110.0	9.3

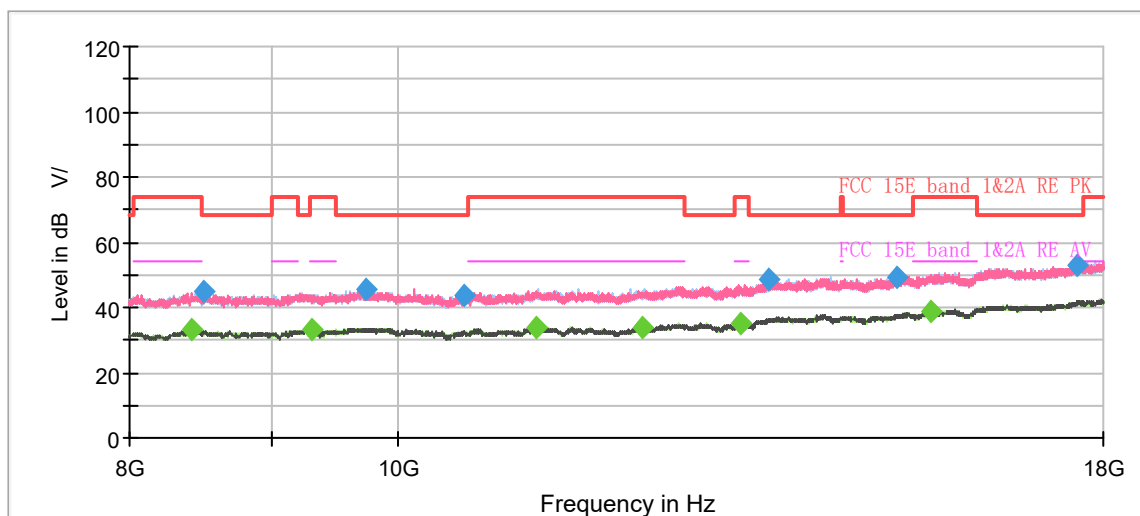
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT40) CH38



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



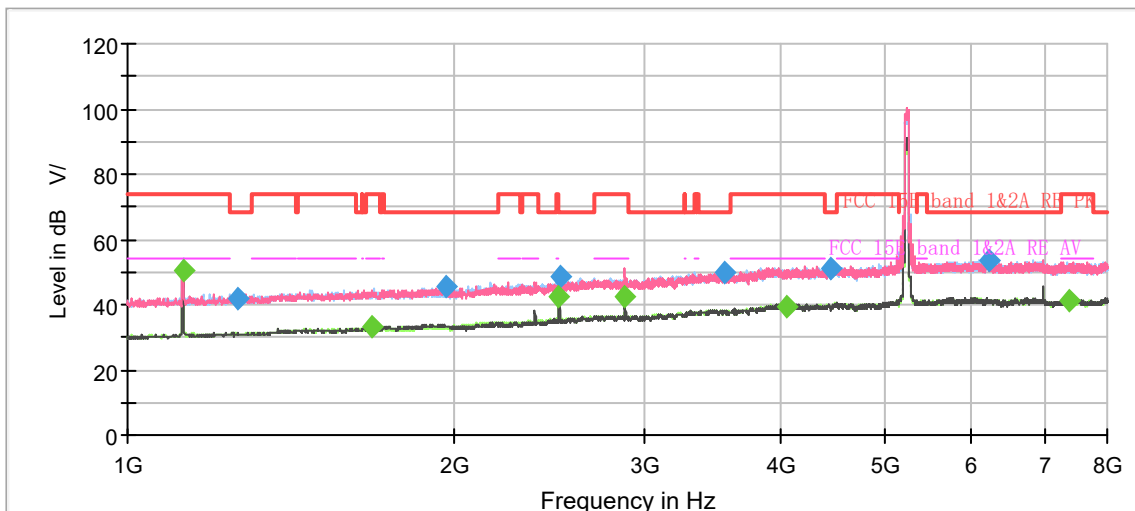
Radiates Emission from 8GHz to 18GHz

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	---	49.83	54.00	4.17	500.0	200.0	H	248.0	-8.2
1282.625000	42.18	---	68.20	26.02	500.0	200.0	H	295.0	-7.3
1695.625000	---	33.08	54.00	20.92	500.0	200.0	V	108.0	-5.0
1868.875000	45.37	---	68.20	22.83	500.0	100.0	H	18.0	-4.1
2499.750000	---	42.78	54.00	11.22	500.0	200.0	V	59.0	-1.2
2656.375000	47.63	---	68.20	20.57	500.0	200.0	V	336.0	-0.4
2875.125000	---	42.78	54.00	11.22	500.0	200.0	V	180.0	0.2
3528.750000	49.77	---	68.20	18.43	500.0	200.0	H	107.0	2.6
4115.000000	---	39.70	54.00	14.30	500.0	200.0	V	195.0	4.7
4439.625000	50.81	---	68.20	17.39	500.0	100.0	V	299.0	5.3
6920.250000	55.27	---	68.20	12.93	500.0	200.0	V	31.0	8.8
7390.125000	---	41.44	54.00	12.56	500.0	200.0	V	17.0	9.3

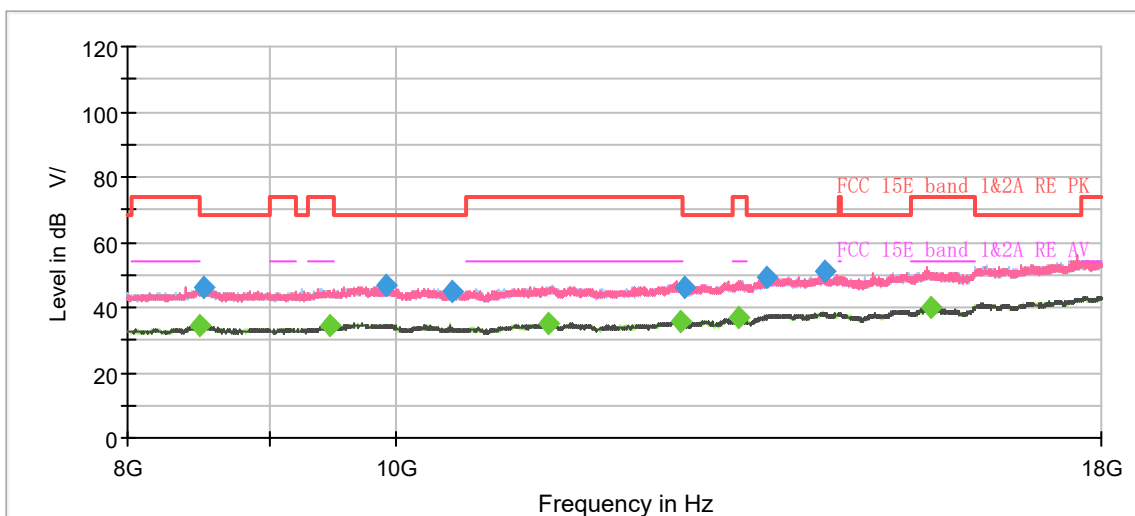
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT40) CH46



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



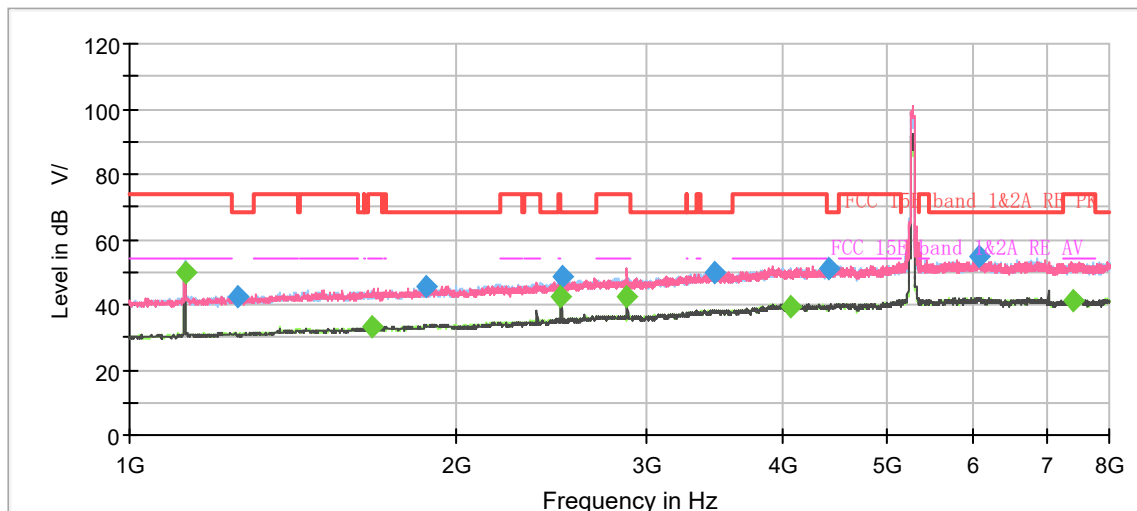
Radiates Emission from 8GHz to 18GHz

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	---	50.24	54.00	3.76	500.0	200.0	H	257.0	-8.2
1264.250000	42.05	---	68.20	26.15	500.0	100.0	H	0.0	-7.4
1677.250000	---	33.39	54.00	20.61	500.0	200.0	V	280.0	-5.0
1963.375000	45.29	---	68.20	22.91	500.0	100.0	V	0.0	-3.6
2499.750000	---	42.61	54.00	11.39	500.0	200.0	V	54.0	-1.2
2500.625000	48.75	---	68.20	19.45	500.0	200.0	V	54.0	-1.2
2875.125000	---	42.69	54.00	11.31	500.0	200.0	V	183.0	0.2
3556.750000	49.75	---	68.20	18.45	500.0	200.0	H	0.0	2.6
4048.500000	---	39.18	54.00	14.82	500.0	200.0	H	325.0	4.6
4441.375000	51.35	---	68.20	16.85	500.0	100.0	V	219.0	5.3
6220.250000	53.75	---	68.20	14.45	500.0	200.0	H	257.0	8.1
7374.375000	---	41.32	54.00	12.68	500.0	200.0	V	8.0	9.3

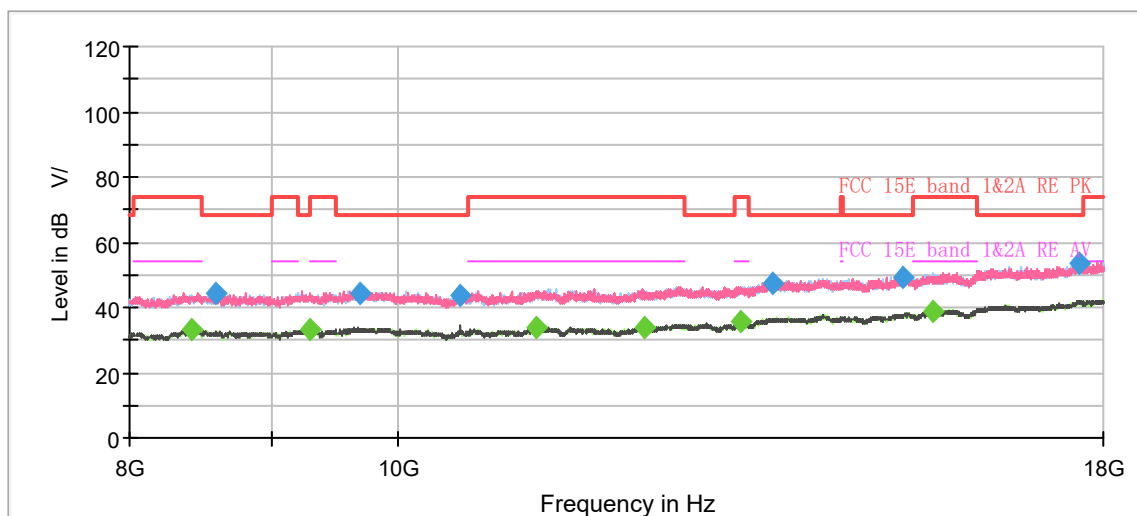
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT40) CH54



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



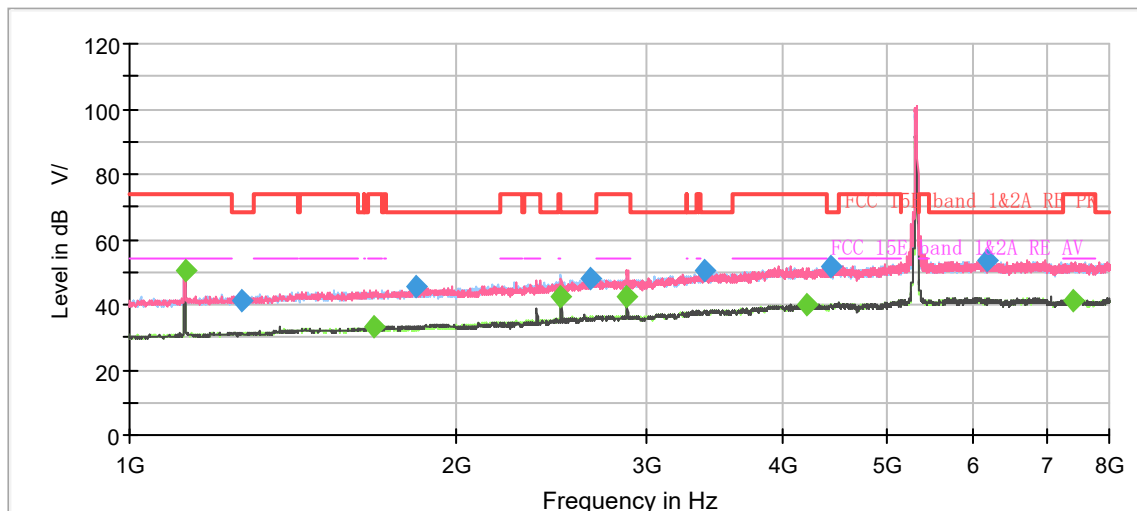
Radiates Emission from 8GHz to 18GHz

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	---	49.74	54.00	4.26	500.0	200.0	H	258.0	-8.2
1259.875000	42.28	---	68.20	25.92	500.0	100.0	H	244.0	-7.4
1673.750000	---	33.22	54.00	20.78	500.0	200.0	V	256.0	-5.0
1875.000000	45.57	---	68.20	22.63	500.0	200.0	V	173.0	-4.0
2499.750000	---	42.74	54.00	11.26	500.0	200.0	V	97.0	-1.2
2500.625000	48.56	---	68.20	19.64	500.0	200.0	V	83.0	-1.2
2874.250000	---	42.66	54.00	11.34	500.0	200.0	V	188.0	0.2
3464.000000	49.91	---	68.20	18.29	500.0	200.0	H	202.0	2.4
4066.875000	---	39.28	54.00	14.72	500.0	100.0	H	0.0	4.6
4416.875000	51.09	---	68.20	17.11	500.0	200.0	V	167.0	5.2
6056.625000	54.60	---	68.20	13.60	500.0	200.0	V	146.0	8.1
7398.000000	---	41.48	54.00	12.52	500.0	200.0	V	91.0	9.3

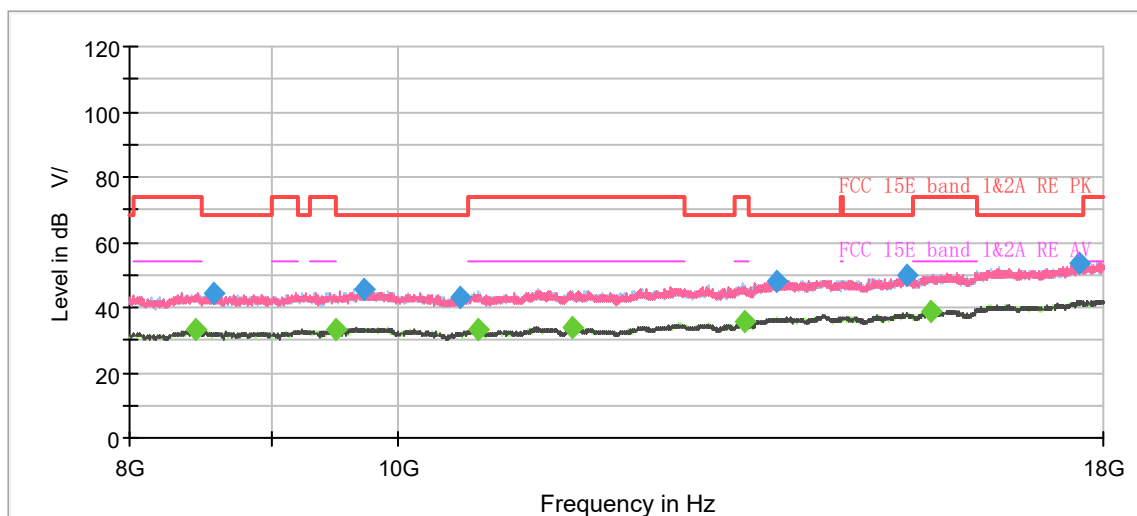
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT40) CH62



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



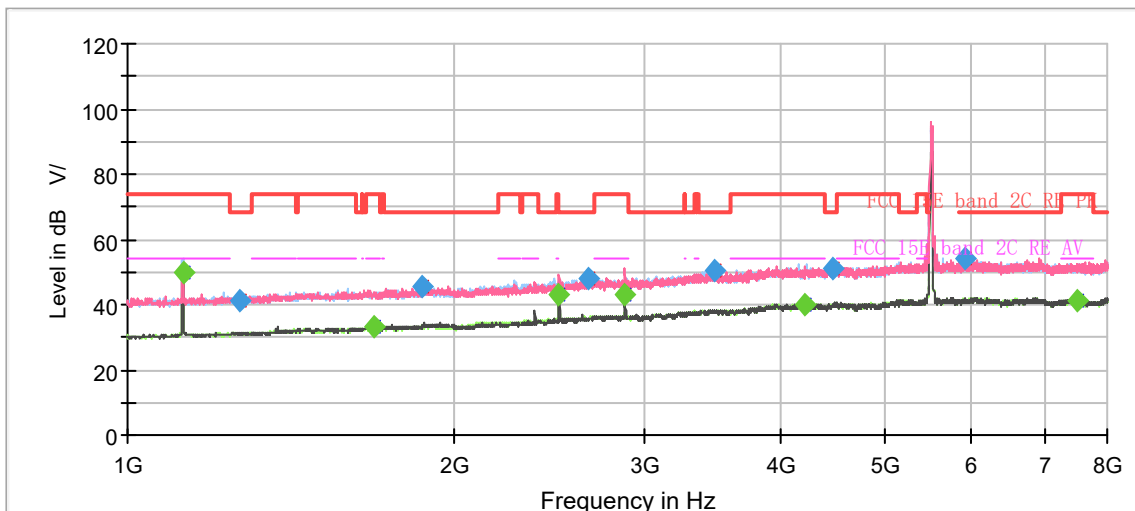
Radiates Emission from 8GHz to 18GHz

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	---	50.32	54.00	3.68	500.0	200.0	H	252.0	-8.2
1269.500000	41.19	---	68.20	27.01	500.0	100.0	V	295.0	-7.3
1679.000000	---	32.99	54.00	21.01	500.0	100.0	H	1.0	-5.0
1834.750000	45.48	---	68.20	22.72	500.0	100.0	V	328.0	-4.2
2499.750000	---	42.37	54.00	11.63	500.0	200.0	V	57.0	-1.2
2661.625000	47.90	---	68.20	20.30	500.0	200.0	H	288.0	-0.3
2875.125000	---	42.66	54.00	11.34	500.0	200.0	V	194.0	0.2
3395.750000	50.29	---	68.20	17.91	500.0	100.0	V	266.0	2.2
4209.500000	---	40.11	54.00	13.89	500.0	100.0	H	82.0	4.7
4421.250000	51.79	---	68.20	16.41	500.0	100.0	V	135.0	5.2
6185.250000	53.79	---	68.20	14.41	500.0	100.0	V	307.0	8.1
7398.875000	---	41.51	54.00	12.49	500.0	200.0	V	176.0	9.3

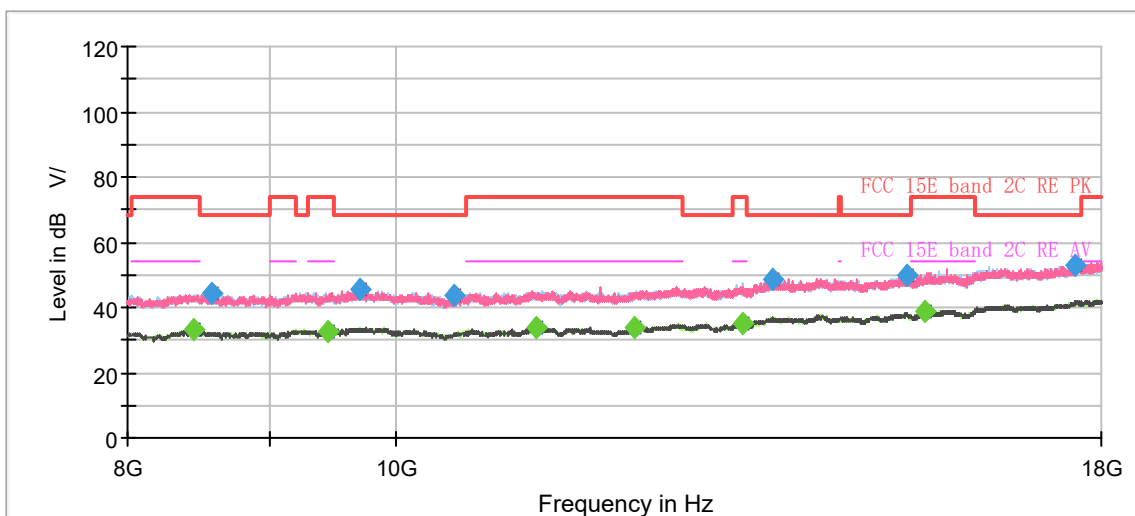
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT40) CH102



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



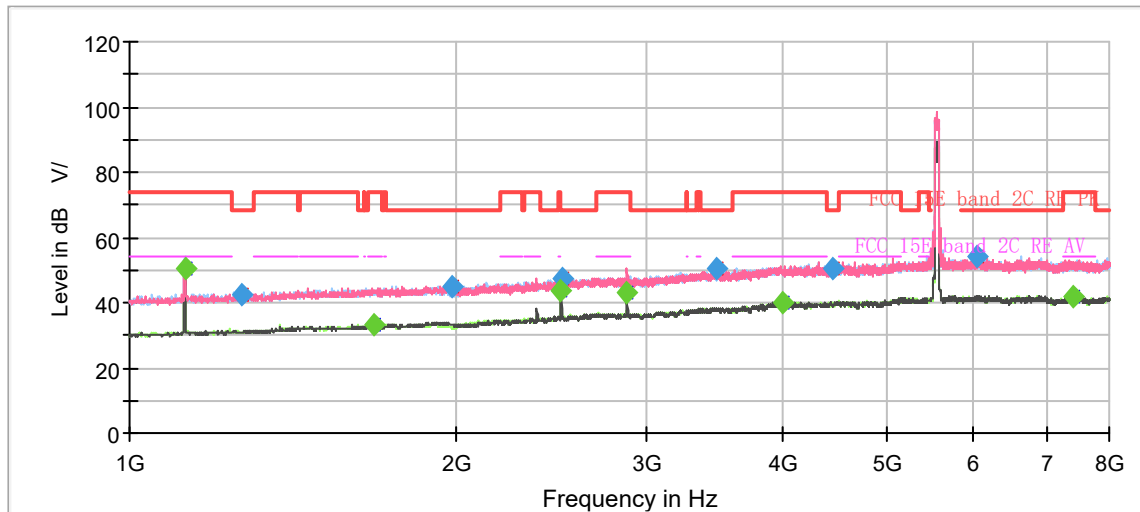
Radiates Emission from 8GHz to 18GHz

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	---	50.09	54.00	3.91	500.0	200.0	H	254.0	-8.2
1266.875000	41.54	---	68.20	26.66	500.0	200.0	H	289.0	-7.4
1684.250000	---	33.23	54.00	20.77	500.0	100.0	H	0.0	-5.0
1871.500000	45.51	---	68.20	22.69	500.0	200.0	V	178.0	-4.0
2499.750000	---	43.03	54.00	10.97	500.0	200.0	V	80.0	-1.2
2657.250000	48.25	---	68.20	19.95	500.0	100.0	H	41.0	-0.4
2875.125000	---	42.93	54.00	11.07	500.0	200.0	V	178.0	0.2
3481.500000	50.34	---	68.20	17.86	500.0	200.0	V	205.0	2.5
4213.000000	---	39.77	54.00	14.23	500.0	100.0	V	14.0	4.7
4471.125000	51.35	---	68.20	16.85	500.0	100.0	H	41.0	5.4
5912.250000	54.18	---	68.20	14.02	500.0	100.0	H	46.0	8.0
7509.125000	---	41.44	54.00	12.56	500.0	200.0	H	20.0	8.9

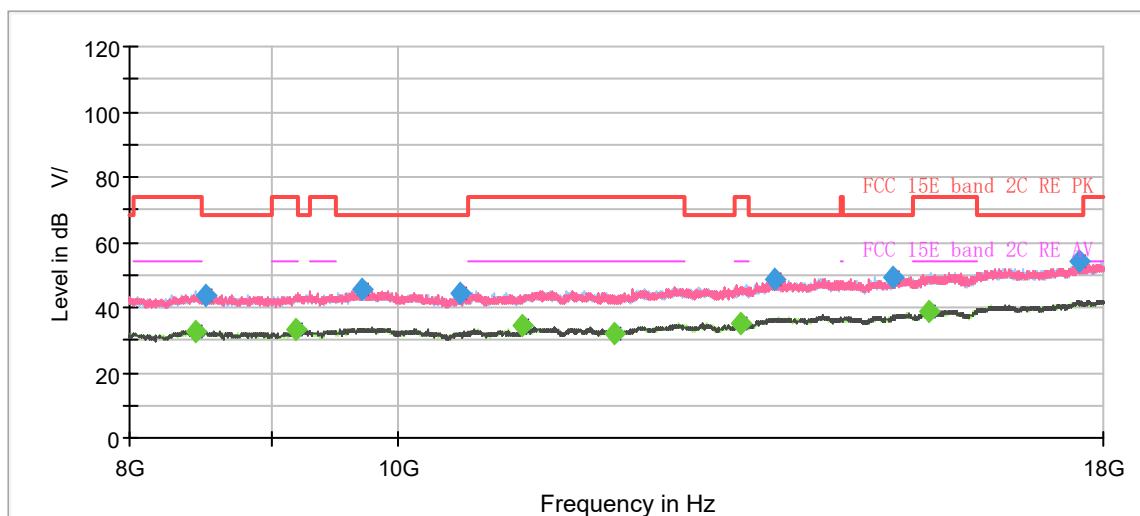
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT40) CH110



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



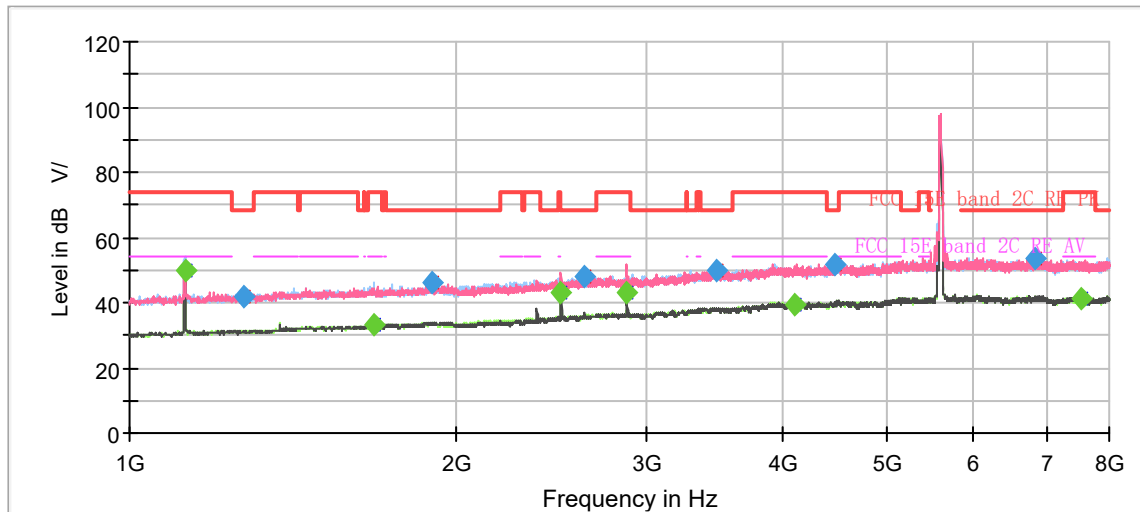
Radiates Emission from 8GHz to 18GHz

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	---	50.17	54.00	3.83	500.0	200.0	H	252.0	-8.2
1269.500000	42.61	---	68.20	25.59	500.0	200.0	H	8.0	-7.3
1683.375000	---	33.33	54.00	20.67	500.0	200.0	H	70.0	-5.0
1980.875000	45.19	---	68.20	23.01	500.0	100.0	V	86.0	-3.5
2499.750000	---	43.58	54.00	10.42	500.0	200.0	V	79.0	-1.2
2500.625000	47.33	---	68.20	20.87	500.0	200.0	V	284.0	-1.2
2875.125000	---	42.96	54.00	11.04	500.0	200.0	V	178.0	0.2
3472.750000	50.44	---	68.20	17.76	500.0	200.0	H	301.0	2.5
3991.625000	---	39.81	54.00	14.19	500.0	100.0	H	322.0	4.5
4446.625000	50.33	---	68.20	17.87	500.0	100.0	V	25.0	5.3
6039.125000	54.39	---	68.20	13.81	500.0	100.0	H	270.0	8.1
7400.625000	---	41.78	54.00	12.22	500.0	200.0	H	239.0	9.3

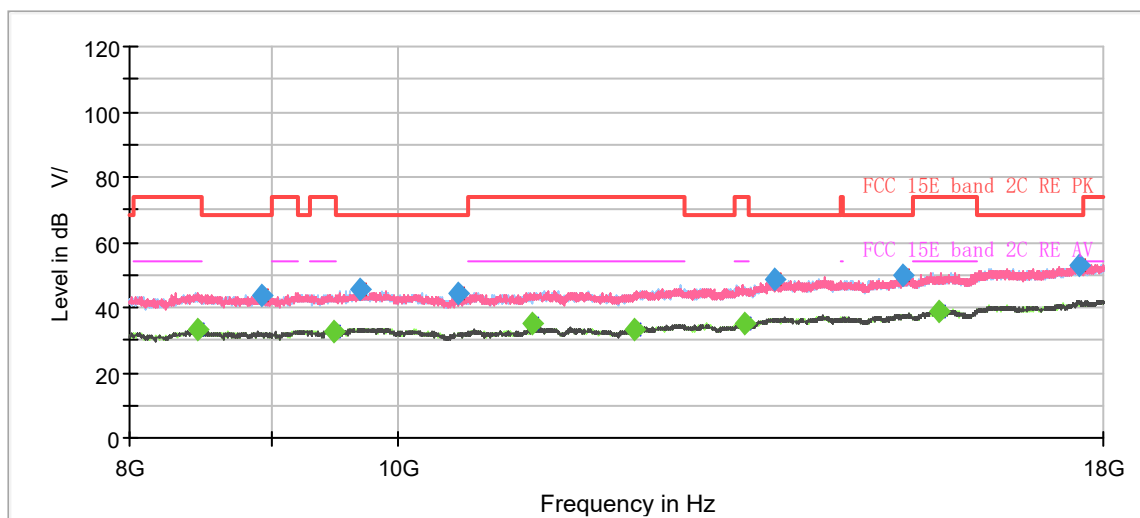
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT40) CH118



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



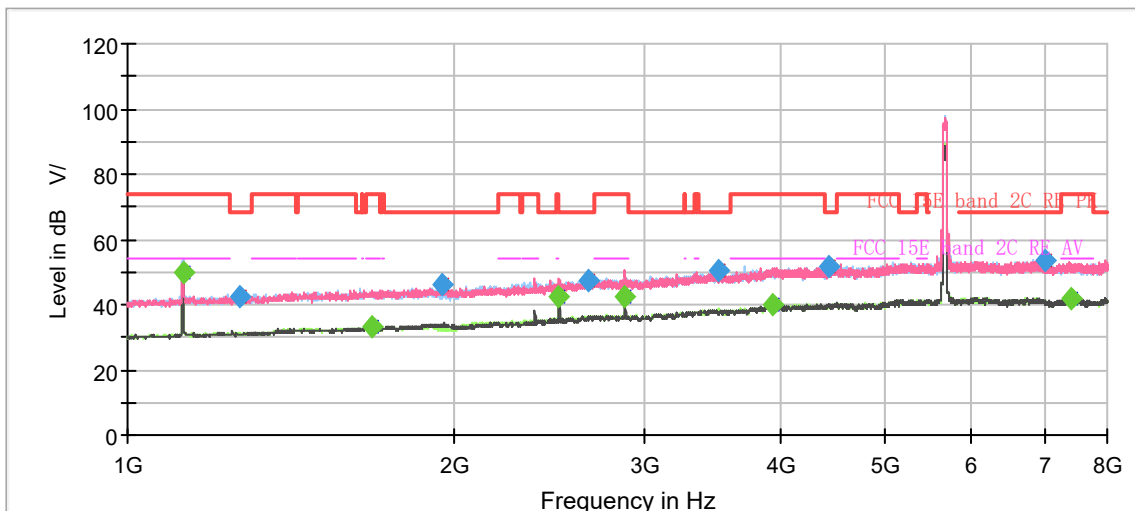
Radiates Emission from 8GHz to 18GHz

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	---	50.04	54.00	3.96	500.0	200.0	H	251.0	-8.2
1272.125000	41.57	---	68.20	26.63	500.0	100.0	H	268.0	-7.3
1681.625000	---	33.06	54.00	20.94	500.0	200.0	V	125.0	-5.0
1897.750000	45.96	---	68.20	22.24	500.0	200.0	H	63.0	-3.9
2499.750000	---	43.32	54.00	10.68	500.0	200.0	V	52.0	-1.2
2621.375000	47.99	---	68.20	20.21	500.0	200.0	H	0.0	-0.6
2875.125000	---	43.03	54.00	10.97	500.0	200.0	V	181.0	0.2
3479.750000	49.96	---	68.20	18.24	500.0	100.0	V	161.0	2.5
4107.125000	---	39.33	54.00	14.67	500.0	200.0	H	318.0	4.7
4459.750000	51.53	---	68.20	16.67	500.0	200.0	V	207.0	5.4
6845.000000	53.79	---	68.20	14.41	500.0	100.0	V	330.0	8.7
7546.750000	---	41.50	54.00	12.50	500.0	100.0	V	307.0	8.8

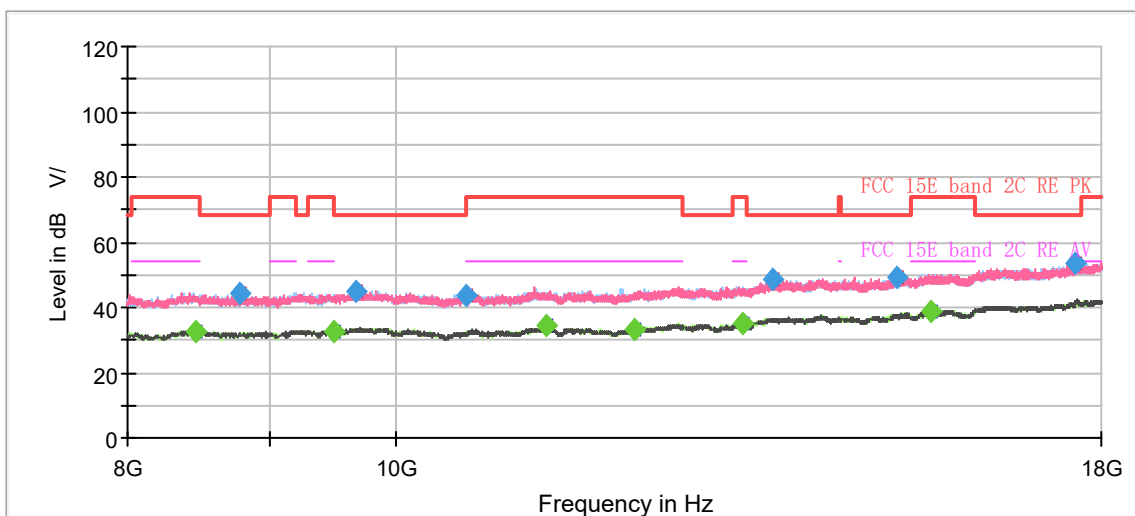
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT40) CH134



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



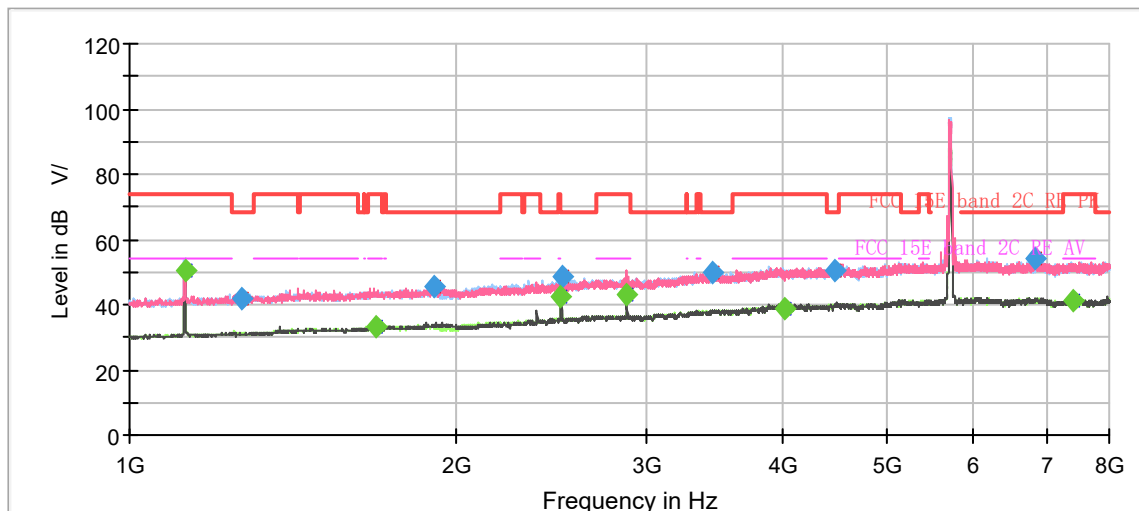
Radiates Emission from 8GHz to 18GHz

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	---	50.09	54.00	3.91	500.0	200.0	H	257.0	-8.2
1267.750000	42.55	---	68.20	25.65	500.0	200.0	H	25.0	-7.4
1677.250000	---	33.47	54.00	20.53	500.0	200.0	H	138.0	-5.0
1949.375000	45.96	---	68.20	22.24	500.0	200.0	V	295.0	-3.7
2499.750000	---	42.62	54.00	11.38	500.0	200.0	V	95.0	-1.2
2660.750000	47.50	---	68.20	20.70	500.0	200.0	H	174.0	-0.3
2875.125000	---	42.71	54.00	11.29	500.0	200.0	V	187.0	0.2
3499.875000	50.51	---	68.20	17.69	500.0	100.0	H	308.0	2.5
3924.250000	---	39.71	54.00	14.29	500.0	200.0	H	166.0	4.4
4424.750000	51.42	---	68.20	16.78	500.0	200.0	H	238.0	5.2
7006.875000	53.73	---	68.20	14.47	500.0	100.0	H	0.0	8.9
7400.625000	---	41.75	54.00	12.25	500.0	100.0	H	0.0	9.3

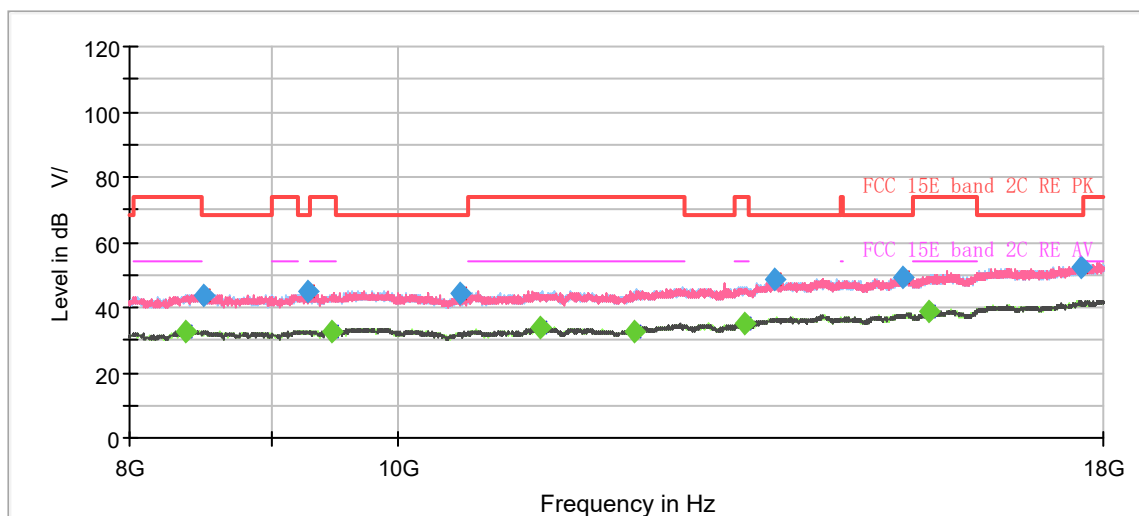
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT40) CH142



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



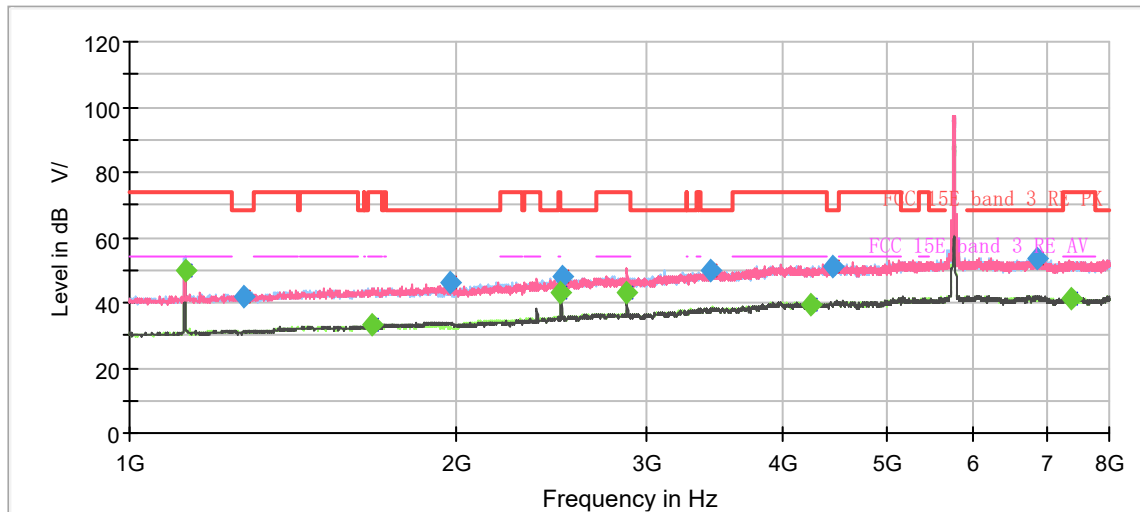
Radiates Emission from 8GHz to 18GHz

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	---	50.18	54.00	3.82	500.0	200.0	H	75.0	-8.2
1271.250000	42.09	---	68.20	26.11	500.0	100.0	H	66.0	-7.3
1687.750000	---	33.17	54.00	20.83	500.0	200.0	H	344.0	-5.0
1905.625000	45.28	---	68.20	22.92	500.0	100.0	V	353.0	-3.9
2499.750000	---	42.53	54.00	11.47	500.0	200.0	V	186.0	-1.2
2500.625000	48.46	---	68.20	19.74	500.0	200.0	V	104.0	-1.2
2875.125000	---	43.24	54.00	10.76	500.0	200.0	V	186.0	0.2
3452.625000	49.77	---	68.20	18.43	500.0	200.0	H	193.0	2.4
4023.125000	---	38.54	54.00	15.46	500.0	100.0	H	269.0	4.5
4461.500000	50.67	---	68.20	17.53	500.0	200.0	V	0.0	5.4
6847.625000	54.11	---	68.20	14.09	500.0	100.0	H	216.0	8.7
7398.000000	---	41.52	54.00	12.48	500.0	200.0	V	306.0	9.3

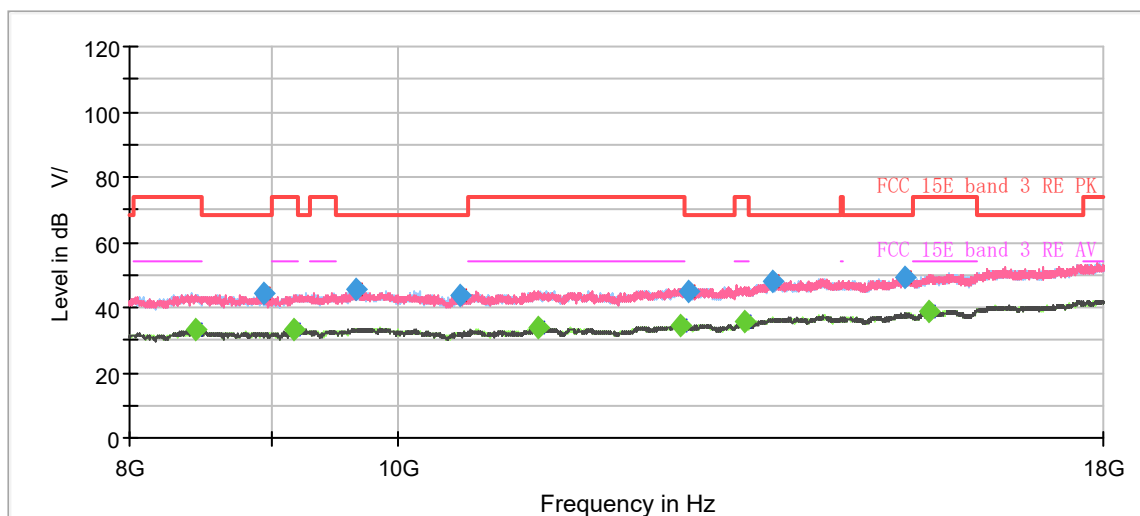
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT40) CH151



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



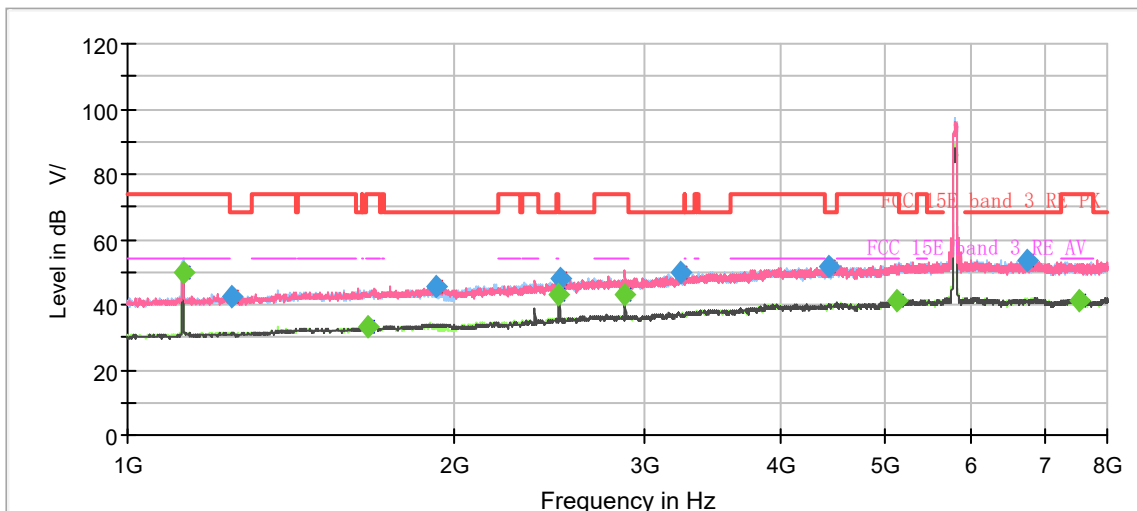
Radiates Emission from 8GHz to 18GHz

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	---	50.03	54.00	3.97	500.0	200.0	H	252.0	-8.2
1275.625000	41.55	---	68.20	26.65	500.0	200.0	H	3.0	-7.3
1675.500000	---	33.30	54.00	20.70	500.0	200.0	V	31.0	-5.0
1974.750000	46.33	---	68.20	21.87	500.0	100.0	V	318.0	-3.6
2499.750000	---	43.00	54.00	11.00	500.0	200.0	V	75.0	-1.2
2500.625000	47.84	---	68.20	20.36	500.0	200.0	V	90.0	-1.2
2874.250000	---	43.01	54.00	10.99	500.0	200.0	V	178.0	0.2
3432.500000	49.99	---	68.20	18.21	500.0	100.0	V	53.0	2.3
4248.000000	---	39.15	54.00	14.85	500.0	100.0	H	216.0	4.7
4443.125000	51.20	---	68.20	17.00	500.0	100.0	V	171.0	5.3
6858.125000	53.56	---	68.20	14.64	500.0	200.0	V	240.0	8.7
7391.000000	---	41.52	54.00	12.48	500.0	200.0	V	0.0	9.3

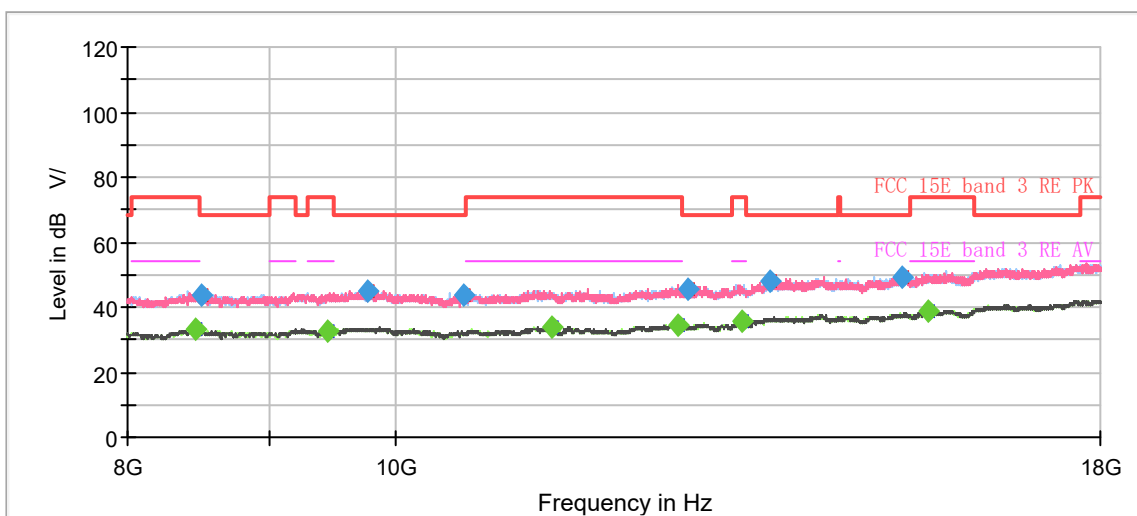
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT40) CH159



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



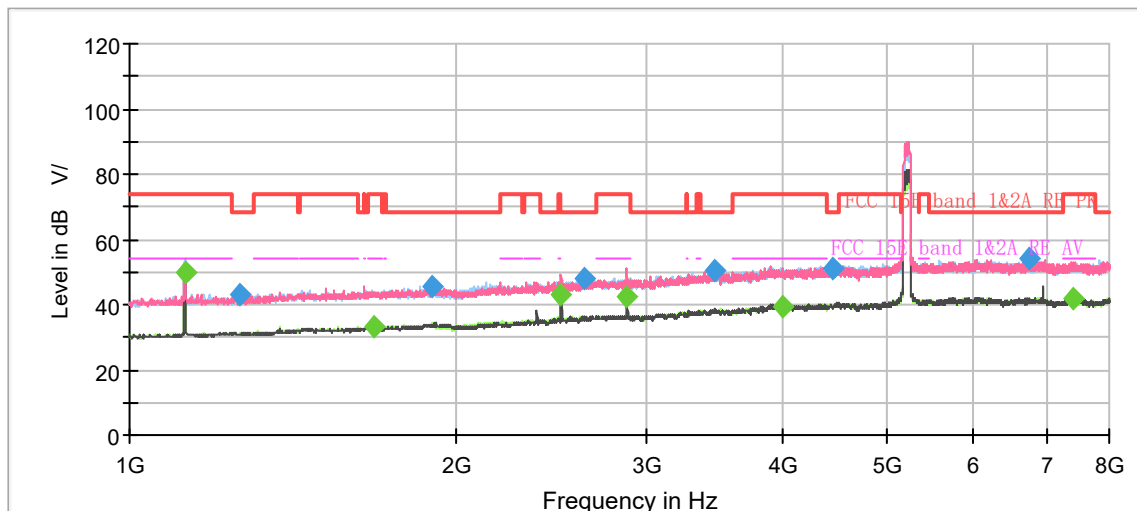
Radiates Emission from 8GHz to 18GHz

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	---	50.05	54.00	3.95	500.0	200.0	H	74.0	-8.2
1249.375000	42.24	---	68.20	25.96	500.0	100.0	H	230.0	-7.4
1662.375000	---	33.21	54.00	20.79	500.0	100.0	V	202.0	-5.1
1924.875000	45.26	---	68.20	22.94	500.0	100.0	V	223.0	-3.8
2499.750000	---	43.03	54.00	10.97	500.0	200.0	V	99.0	-1.2
2500.625000	48.13	---	68.20	20.07	500.0	200.0	V	76.0	-1.2
2874.250000	---	42.91	54.00	11.09	500.0	200.0	V	178.0	0.2
3235.625000	49.67	---	68.20	18.53	500.0	100.0	H	348.0	1.5
4423.000000	51.52	---	68.20	16.68	500.0	100.0	V	346.0	5.2
5121.250000	---	41.25	54.00	12.75	500.0	200.0	V	142.0	7.0
6740.000000	53.70	---	68.20	14.50	500.0	200.0	H	93.0	8.6
7550.250000	---	41.51	54.00	12.49	500.0	100.0	V	129.0	8.8

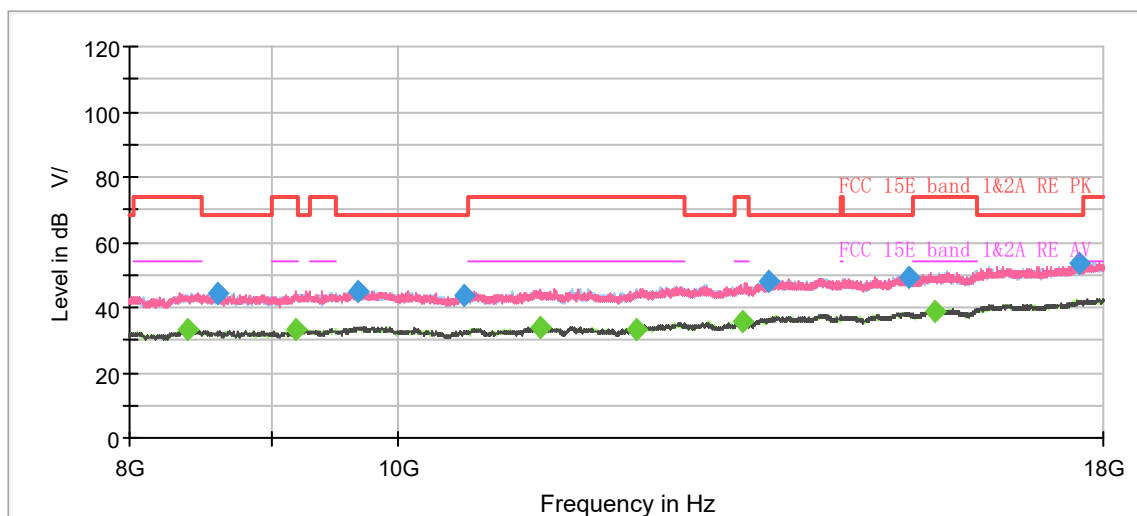
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT80) CH42



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



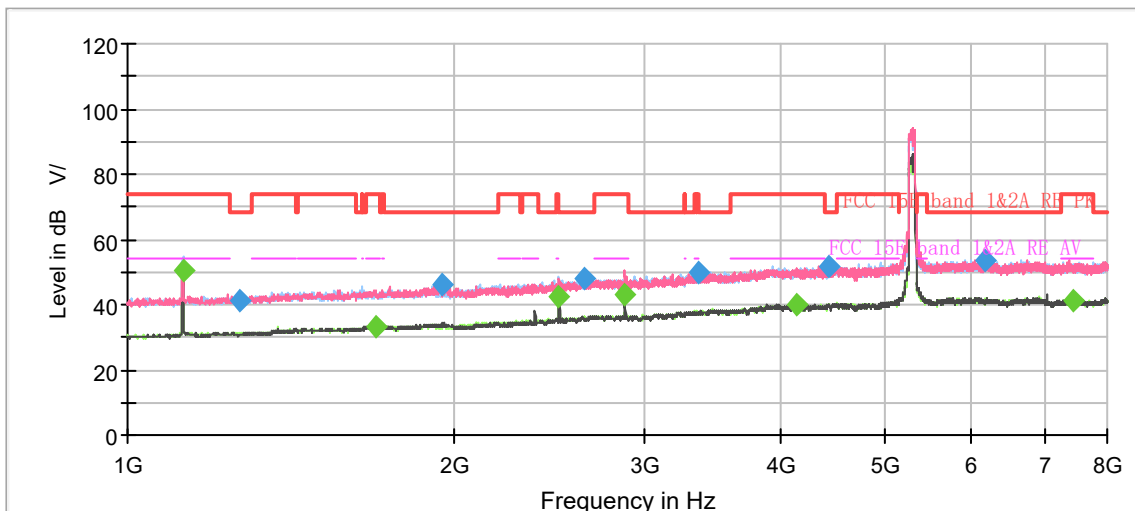
Radiates Emission from 8GHz to 18GHz

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	---	50.13	54.00	3.87	500.0	200.0	H	252.0	-8.2
1266.000000	43.05	---	68.20	25.15	500.0	100.0	H	121.0	-7.4
1683.375000	---	33.29	54.00	20.71	500.0	200.0	H	188.0	-5.0
1896.875000	45.81	---	68.20	22.39	500.0	200.0	V	79.0	-3.9
2499.750000	---	42.86	54.00	11.14	500.0	200.0	V	87.0	-1.2
2624.000000	47.81	---	68.20	20.39	500.0	200.0	H	132.0	-0.6
2875.125000	---	42.48	54.00	11.52	500.0	200.0	V	177.0	0.2
3462.250000	50.30	---	68.20	17.90	500.0	100.0	H	278.0	2.4
3991.625000	---	39.43	54.00	14.57	500.0	200.0	H	132.0	4.5
4439.625000	50.95	---	68.20	17.25	500.0	200.0	H	169.0	5.3
6742.625000	54.10	---	68.20	14.10	500.0	100.0	H	65.0	8.6
7403.250000	---	41.55	54.00	12.45	500.0	200.0	V	242.0	9.3

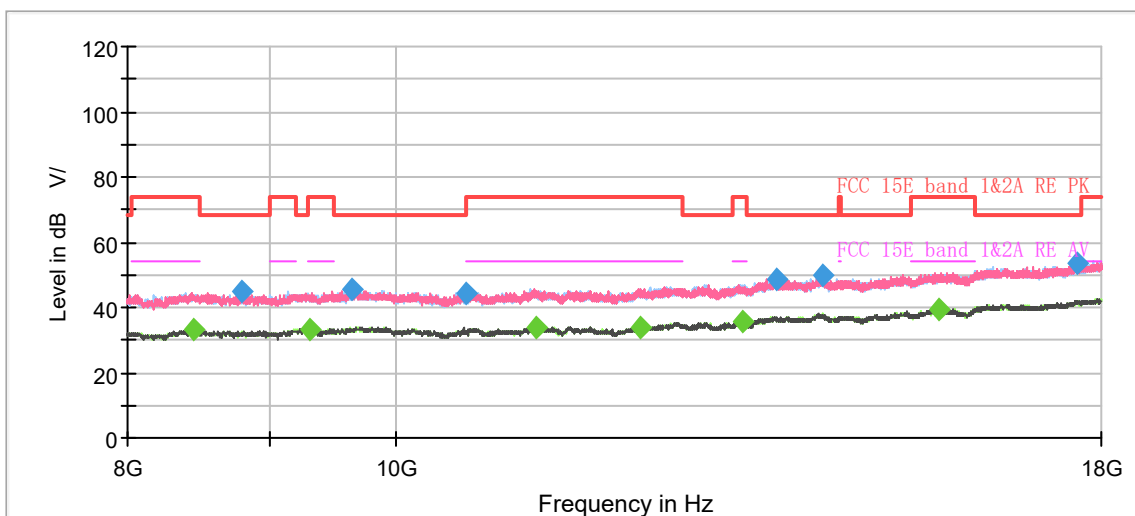
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT80) CH58



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



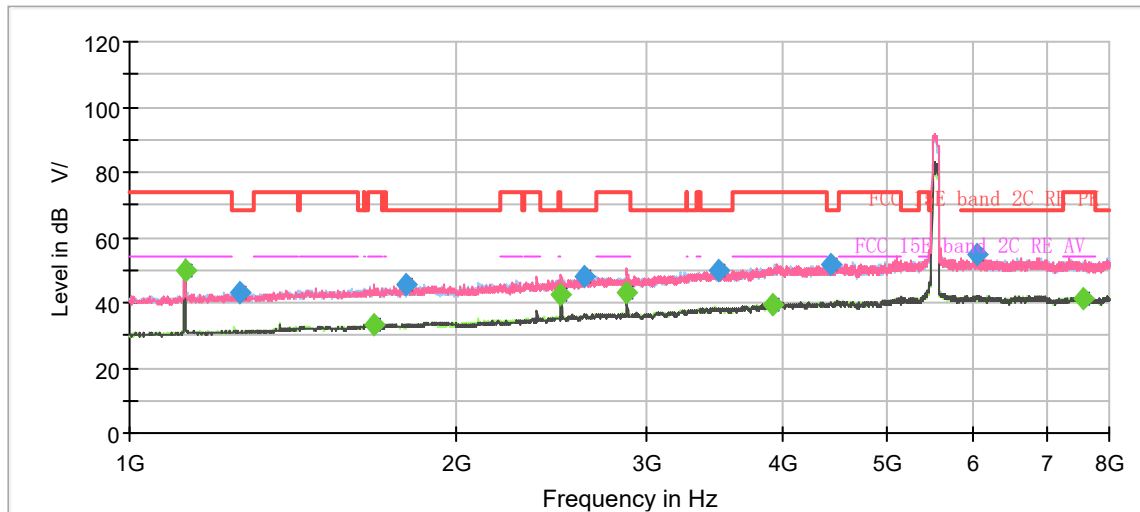
Radiates Emission from 8GHz to 18GHz

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	---	50.47	54.00	3.53	500.0	200.0	H	256.0	-8.2
1269.500000	41.10	---	68.20	27.10	500.0	100.0	H	0.0	-7.3
1696.500000	---	33.19	54.00	20.81	500.0	200.0	V	0.0	-4.9
1949.375000	46.01	---	68.20	22.19	500.0	100.0	V	22.0	-3.7
2499.750000	---	42.75	54.00	11.25	500.0	200.0	V	67.0	-1.2
2631.875000	47.79	---	68.20	20.41	500.0	200.0	H	238.0	-0.5
2875.125000	---	42.98	54.00	11.02	500.0	200.0	V	188.0	0.2
3360.750000	49.68	---	68.20	18.52	500.0	100.0	H	247.0	2.1
4140.375000	---	39.78	54.00	14.22	500.0	200.0	V	0.0	4.7
4426.500000	51.77	---	68.20	16.43	500.0	100.0	V	78.0	5.2
6170.375000	53.80	---	68.20	14.40	500.0	100.0	V	266.0	8.1
7427.750000	---	41.40	54.00	12.60	500.0	200.0	V	354.0	9.2

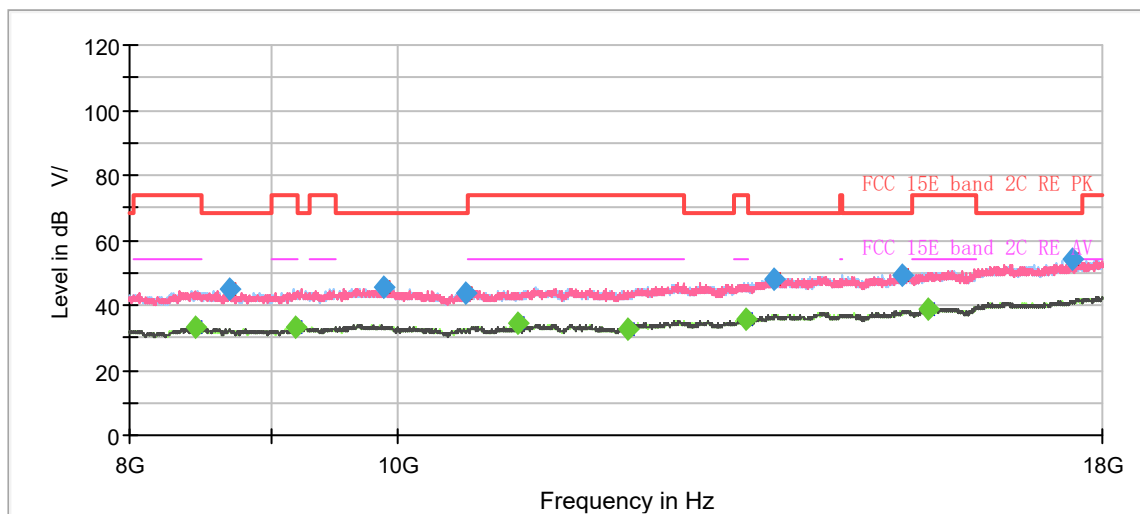
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT80) CH106



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



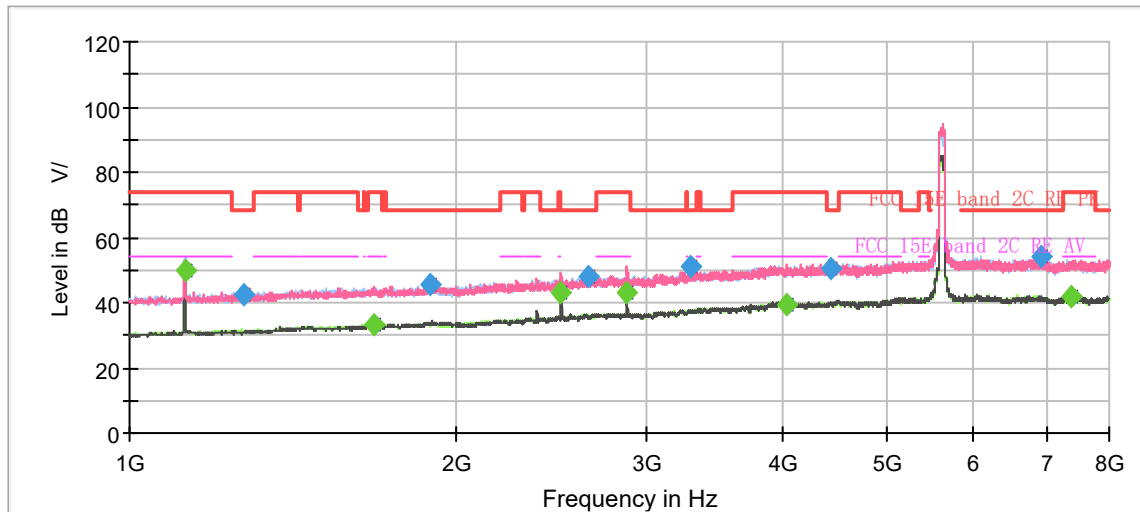
Radiates Emission from 8GHz to 18GHz

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)
1124.250000	---	49.98	54.00	4.02	500.0	200.0	H	259.0	-8.2
1262.500000	42.78	---	68.20	25.42	500.0	100.0	V	55.0	-7.4
1677.250000	---	33.14	54.00	20.86	500.0	200.0	V	254.0	-5.0
1795.375000	45.46	---	68.20	22.74	500.0	100.0	V	0.0	-4.4
2499.750000	---	42.73	54.00	11.27	500.0	200.0	V	99.0	-1.2
2628.375000	47.87	---	68.20	20.33	500.0	200.0	V	237.0	-0.5
2875.125000	---	43.14	54.00	10.86	500.0	200.0	V	184.0	0.2
3495.500000	49.89	---	68.20	18.31	500.0	100.0	H	298.0	2.5
3919.875000	---	39.60	54.00	14.40	500.0	200.0	H	292.0	4.4
4421.250000	51.62	---	68.20	16.58	500.0	200.0	H	121.0	5.2
6052.250000	54.70	---	68.20	13.50	500.0	100.0	H	104.0	8.1
7562.500000	---	41.46	54.00	12.54	500.0	200.0	V	36.0	8.8

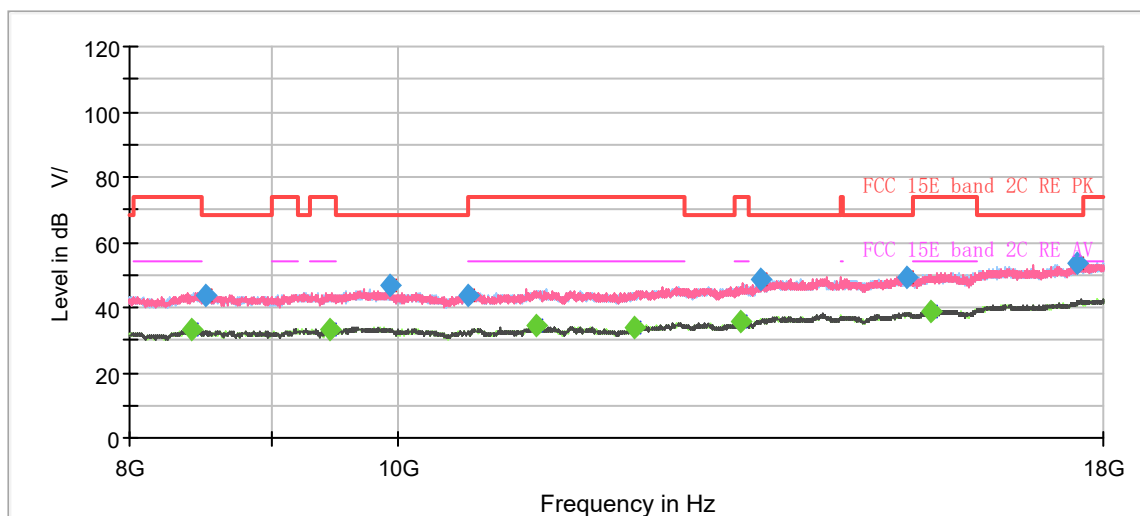
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT80) CH122



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



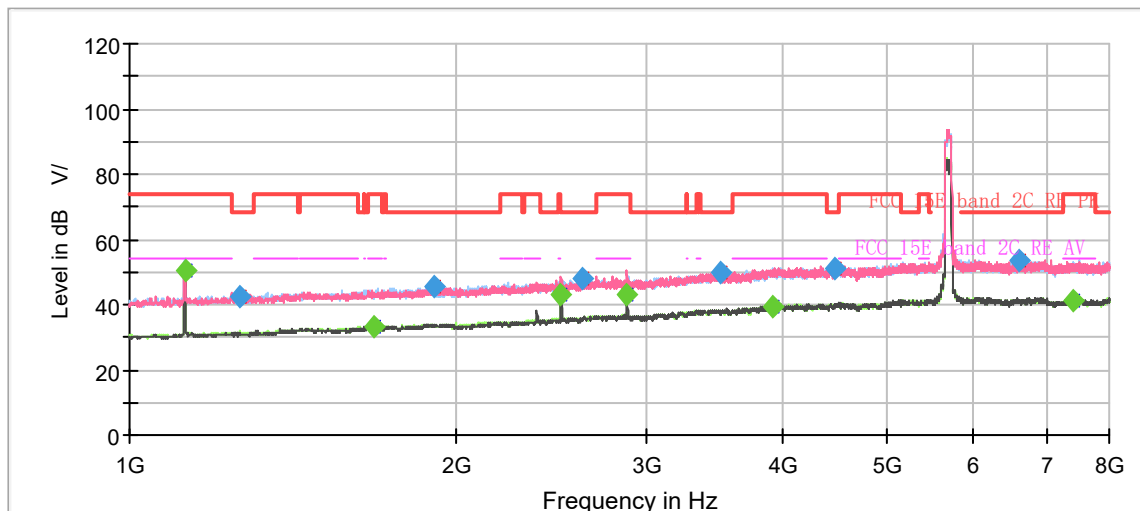
Radiates Emission from 8GHz to 18GHz

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	---	50.13	54.00	3.87	500.0	200.0	H	251.0	-8.2
1273.000000	42.50	---	68.20	25.70	500.0	100.0	H	213.0	-7.3
1679.000000	---	33.20	54.00	20.80	500.0	100.0	H	168.0	-5.0
1895.125000	45.75	---	68.20	22.45	500.0	100.0	V	0.0	-3.9
2499.750000	---	43.11	54.00	10.89	500.0	200.0	V	76.0	-1.2
2645.875000	48.23	---	68.20	19.97	500.0	200.0	V	301.0	-0.4
2875.125000	---	43.28	54.00	10.72	500.0	200.0	V	193.0	0.2
3288.125000	50.85	---	68.20	17.35	500.0	100.0	V	102.0	1.8
4034.500000	---	39.34	54.00	14.66	500.0	200.0	H	165.0	4.6
4423.000000	50.64	---	68.20	17.56	500.0	200.0	V	0.0	5.2
6917.625000	54.21	---	68.20	13.99	500.0	200.0	H	65.0	8.8
7394.500000	---	41.64	54.00	12.36	500.0	100.0	V	311.0	9.3

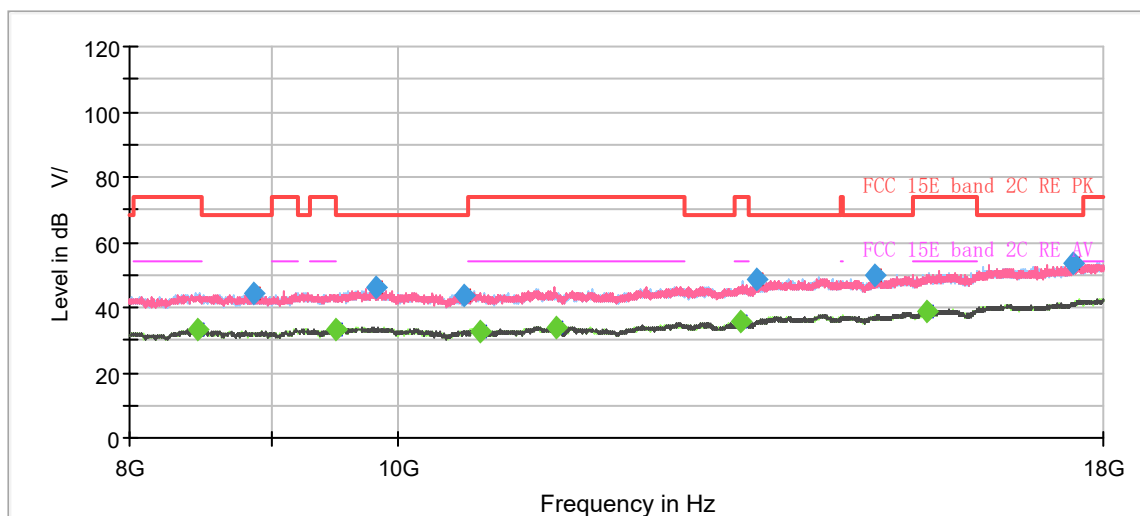
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT80) CH138



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



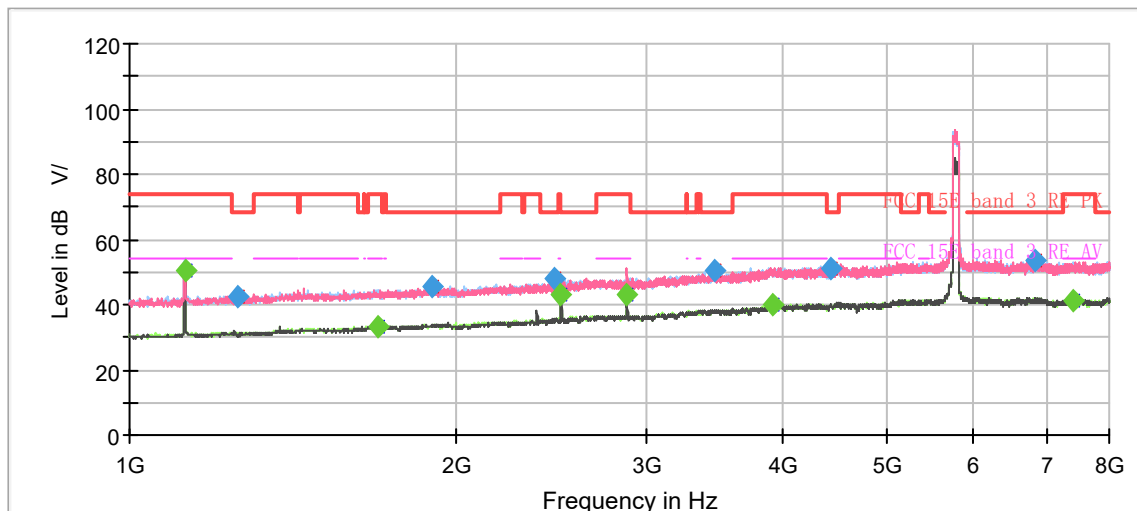
Radiates Emission from 8GHz to 18GHz

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	---	50.16	54.00	3.84	500.0	200.0	H	251.0	-8.2
1264.250000	42.20	---	68.20	26.00	500.0	100.0	H	29.0	-7.4
1681.625000	---	33.17	54.00	20.83	500.0	200.0	V	46.0	-5.0
1908.250000	45.26	---	68.20	22.94	500.0	100.0	V	265.0	-3.9
2499.750000	---	42.94	54.00	11.06	500.0	200.0	V	66.0	-1.2
2610.875000	47.84	---	68.20	20.36	500.0	200.0	V	108.0	-0.6
2874.250000	---	42.79	54.00	11.21	500.0	200.0	V	182.0	0.2
3502.500000	49.89	---	68.20	18.31	500.0	200.0	V	182.0	2.5
3922.500000	---	39.68	54.00	14.32	500.0	200.0	H	358.0	4.4
4467.625000	51.28	---	68.20	16.92	500.0	200.0	H	63.0	5.4
6597.375000	53.76	---	68.20	14.44	500.0	200.0	V	201.0	8.2
7397.125000	---	41.46	54.00	12.54	500.0	200.0	H	318.0	9.3

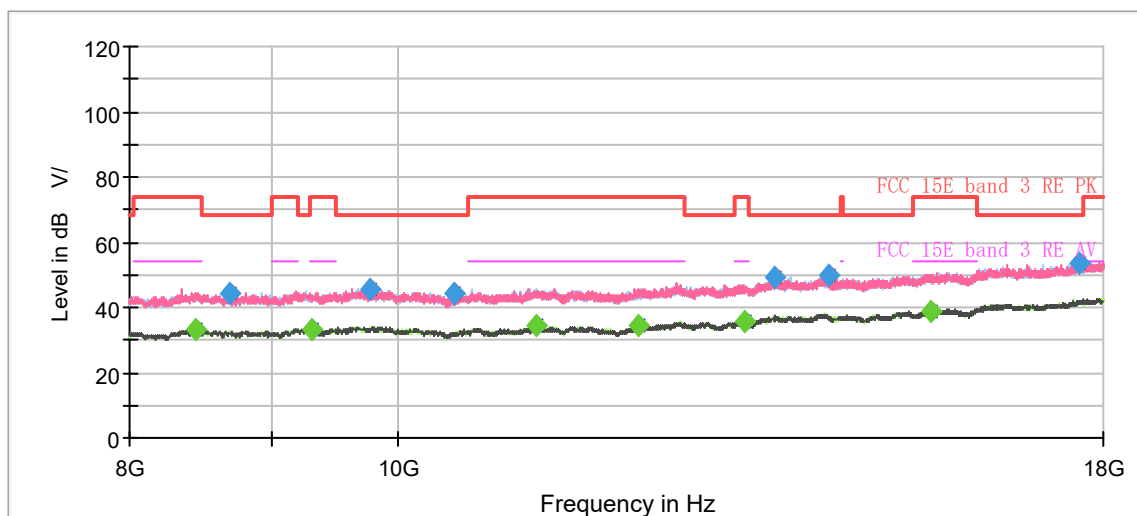
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT80) CH155



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



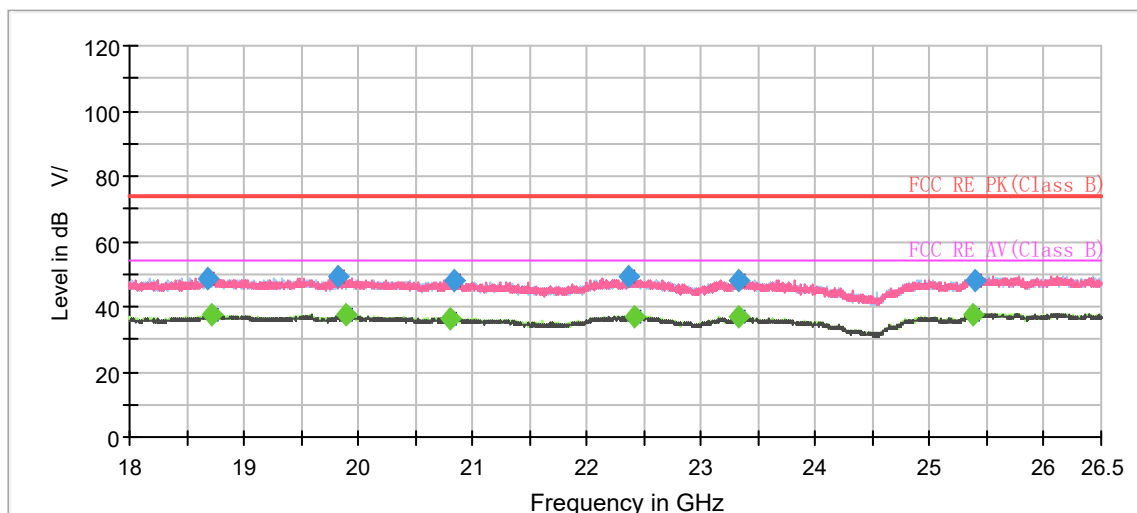
Radiates Emission from 8GHz to 18GHz

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	---	50.42	54.00	3.58	500.0	200.0	H	250.0	-8.2
1259.000000	42.49	---	68.20	25.71	500.0	100.0	H	350.0	-7.4
1693.000000	---	33.47	54.00	20.53	500.0	200.0	H	20.0	-5.0
1897.750000	45.45	---	68.20	22.75	500.0	200.0	H	11.0	-3.9
2459.500000	48.08	---	68.20	20.12	500.0	200.0	V	356.0	-1.3
2499.750000	---	42.87	54.00	11.13	500.0	200.0	V	224.0	-1.2
2874.250000	---	42.84	54.00	11.16	500.0	200.0	V	187.0	0.2
3461.375000	50.21	---	68.20	17.99	500.0	100.0	V	358.0	2.4
3919.000000	---	39.70	54.00	14.30	500.0	100.0	H	182.0	4.4
4427.375000	51.17	---	68.20	17.03	500.0	200.0	H	285.0	5.2
6834.500000	53.39	---	68.20	14.81	500.0	200.0	H	0.0	8.7
7400.625000	---	41.49	54.00	12.51	500.0	200.0	H	0.0	9.3

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, 802.11a, Channel 116 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.

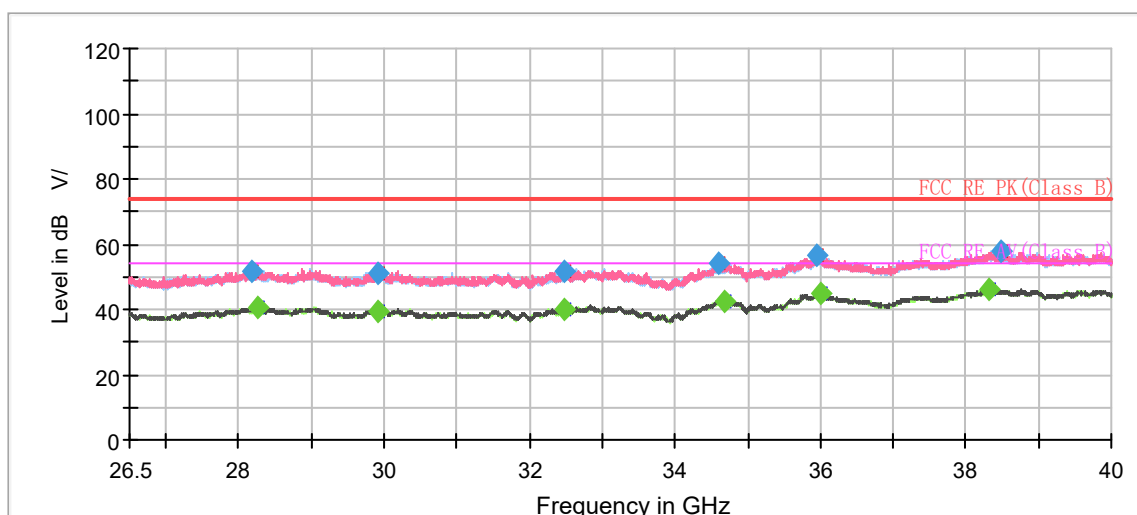


Radiates Emission from 18GHz to 26.5GHz

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)
18686.375000	48.82	---	74.00	25.18	500.0	200.0	V	21.0	-6.7
18712.937500	---	37.67	54.00	16.33	500.0	200.0	V	16.0	-6.6
19816.875000	48.98	---	74.00	25.02	500.0	100.0	V	135.0	-7.0
19894.437500	---	37.38	54.00	16.62	500.0	200.0	H	230.0	-6.9
20811.375000	---	36.50	54.00	17.50	500.0	200.0	H	254.0	-6.9
20833.687500	48.11	---	74.00	25.89	500.0	200.0	H	197.0	-6.9
22360.500000	49.14	---	74.00	24.86	500.0	100.0	V	336.0	-5.5
22417.875000	---	37.12	54.00	16.88	500.0	200.0	H	0.0	-5.6
23324.187500	---	36.93	54.00	17.07	500.0	200.0	H	169.0	-5.1
23330.562500	48.25	---	74.00	25.75	500.0	200.0	V	150.0	-5.1
25379.062500	---	37.80	54.00	16.20	500.0	200.0	V	26.0	-3.9
25390.750000	48.24	---	74.00	25.76	500.0	200.0	V	32.0	-3.8

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

2. Margin = Limit-MAX Peak/ Average



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)
28185.812500	51.57	---	74.00	22.43	500.0	100.0	V	7.0	-0.9
28263.437500	---	40.31	54.00	13.69	500.0	200.0	H	114.0	-0.8
29917.187500	---	39.45	54.00	14.55	500.0	200.0	H	60.0	-1.9
29923.937500	51.31	---	74.00	22.69	500.0	200.0	H	221.0	-1.9
32483.875000	51.41	---	74.00	22.59	500.0	100.0	V	57.0	-2.4
32487.250000	---	40.02	54.00	13.98	500.0	200.0	H	70.0	-2.4
34588.187500	53.95	---	74.00	20.05	500.0	100.0	V	142.0	1.6
34677.625000	---	42.56	54.00	11.44	500.0	200.0	H	55.0	1.7
35960.125000	56.66	---	74.00	17.34	500.0	100.0	H	278.0	4.3
36002.312500	---	45.01	54.00	8.99	500.0	100.0	V	52.0	4.6
38319.250000	---	46.33	54.00	7.67	500.0	200.0	H	114.0	5.8
38482.937500	57.85	---	74.00	16.15	500.0	200.0	H	55.0	5.6

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

2. Margin = Limit-MAX Peak/ Average

5.6. Conducted Emission

Ambient condition

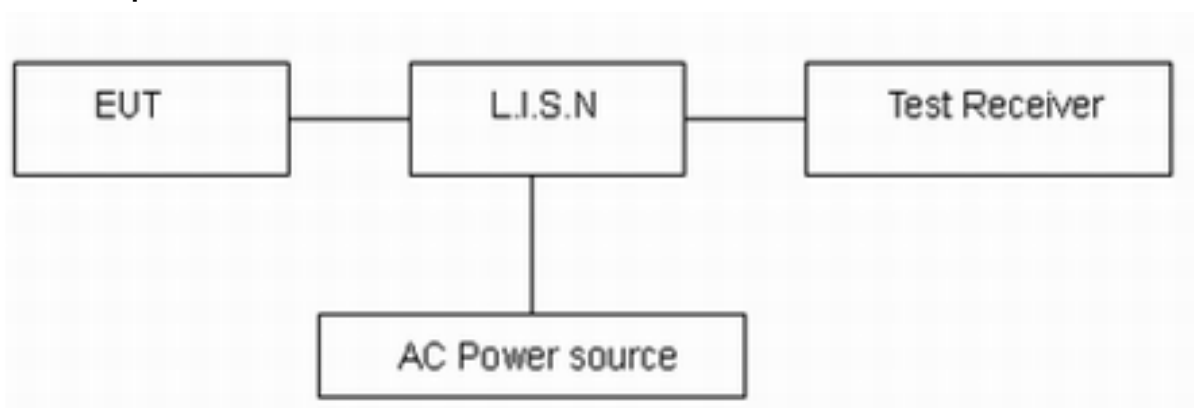
Temperature	Relative humidity
20°C ~25°C	45%~50%

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(dB μ V)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56 *	56 to 46*
0.5 - 5	56	46
5 - 30	60	50

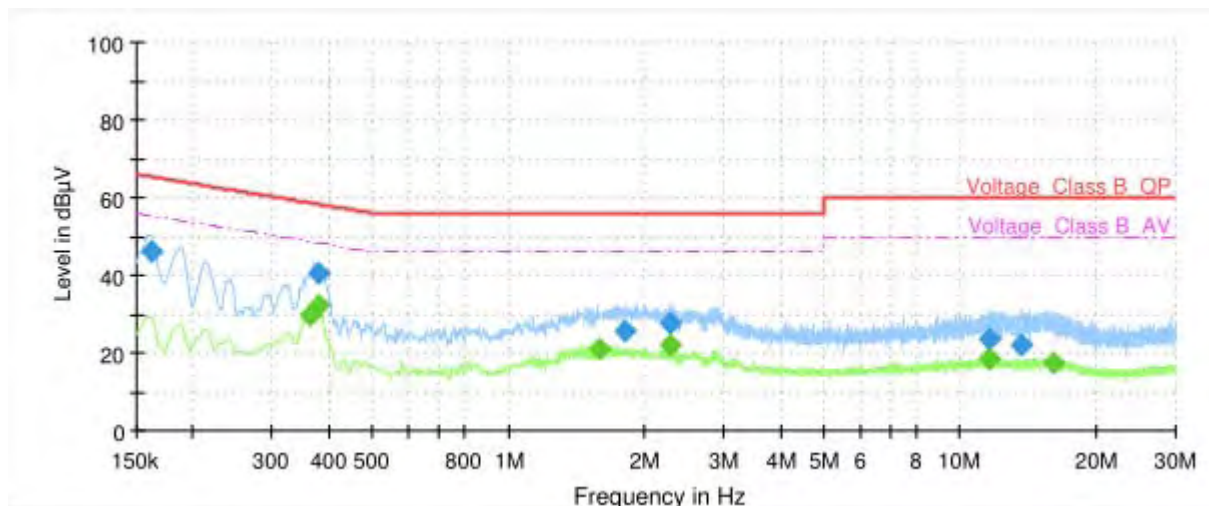
*: Decreases with the logarithm of the frequency.

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:

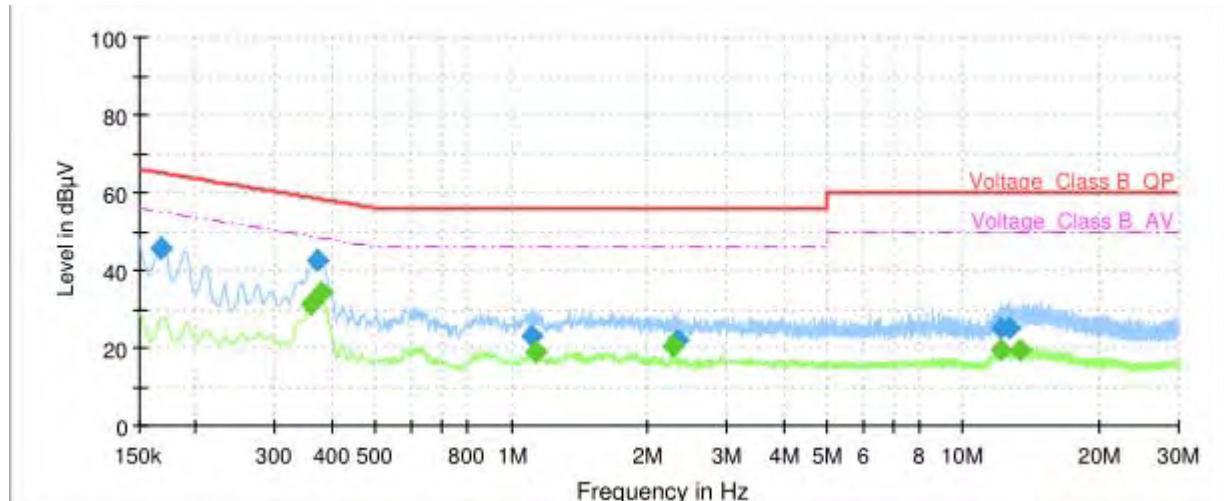
Following plots, Blue trace uses the peak detection and Green trace uses the average detection. During the test, the Conducted Emission was performed in all modes with all channels, 802.11a, Channel 116 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.



Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.16	46.11	---	65.40	19.29	1000.0	9.000	L1	ON	21.0
0.36	---	29.81	48.69	18.88	1000.0	9.000	L1	ON	21.0
0.38	---	32.51	48.29	15.78	1000.0	9.000	L1	ON	21.0
0.38	40.33	---	58.29	17.96	1000.0	9.000	L1	ON	21.0
1.59	---	20.88	46.00	25.12	1000.0	9.000	L1	ON	19.9
1.81	25.66	---	56.00	30.34	1000.0	9.000	L1	ON	19.8
2.27	27.47	---	56.00	28.53	1000.0	9.000	L1	ON	19.6
2.27	---	22.13	46.00	23.87	1000.0	9.000	L1	ON	19.6
11.60	23.80	---	60.00	36.20	1000.0	9.000	L1	ON	19.6
11.65	---	18.68	50.00	31.32	1000.0	9.000	L1	ON	19.6
13.65	22.05	---	60.00	37.95	1000.0	9.000	L1	ON	19.6
16.13	---	17.62	50.00	32.38	1000.0	9.000	L1	ON	19.6

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)
0.17	45.67	---	65.06	19.39	1000.0	9.000	N	ON	21.0
0.36	---	31.33	48.75	17.42	1000.0	9.000	N	ON	21.0
0.37	42.45	---	58.44	15.99	1000.0	9.000	N	ON	21.0
0.38	---	34.18	48.29	14.11	1000.0	9.000	N	ON	21.0
1.11	23.11	---	56.00	32.89	1000.0	9.000	N	ON	20.2
1.14	---	18.88	46.00	27.12	1000.0	9.000	N	ON	20.1
2.27	---	20.73	46.00	25.27	1000.0	9.000	N	ON	19.6
2.33	22.16	---	56.00	33.84	1000.0	9.000	N	ON	19.6
12.05	25.07	---	60.00	34.93	1000.0	9.000	N	ON	19.6
12.10	---	19.69	50.00	30.31	1000.0	9.000	N	ON	19.6
12.62	25.00	---	60.00	35.00	1000.0	9.000	N	ON	19.6
13.43	---	19.38	50.00	30.62	1000.0	9.000	N	ON	19.6

Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 KHz to 30 MHz

6. Main Test Instruments

Date of Testing: February 22, 2023 ~ April 6, 2023

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Power sensor	R&S	NRP18S	101954	2022-05-14	2023-05-13
Spectrum Analyzer	KEYSIGHT	N9020A	MY50510203	2022-05-14	2023-05-13
DC Power Supply	UNI-T	UTP1306S+	2205D0517232	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	2022-05-25	2023-05-24
Spectrum Analyzer	R&S	FSV40	101186	2022-05-14	2023-05-13
Loop Antenna	SCHWARZBECK	FMZB1519	1519-047	2020-04-02	2024-04-01
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9163	1023	2020-05-05	2023-05-04
Horn Antenna	R&S	HF907	102723	2021-07-24	2024-07-23
Horn Antenna	ETS-Lindgren	3160-09	00102643	2021-10-10	2024-10-09
Horn Antenna	STEATITE	QSH-SL-26-40-K-15	16779	2023-01-17	2026-01-16
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	2022-05-25	2023-05-24
Software	R&S	EMC32	10.35.10	/	/

Date of Testing: June 7, 2023 ~ June 9, 2023

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Unwanted Emission					
EMI Test Receiver	R&S	ESR	102389	2023-05-12	2024-05-11
Spectrum Analyzer	R&S	FSV40	101186	2023-05-12	2024-05-11
Loop Antenna	SCHWARZBECK	FMZB1519	1519-047	2023-04-16	2026-04-15
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9163	1023	2020-06-08	2023-06-07
Horn Antenna	R&S	HF907	102723	2021-07-24	2024-07-23
Horn Antenna	ETS-Lindgren	3160-09	00102643	2021-10-10	2024-10-09
Horn Antenna	STEATITE	QSH-SL-26-40-K-15	16779	2023-01-17	2026-01-16
Software	R&S	EMC32	9.26.01	/	/

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

ANNEX A: The EUT Appearance

The EUT Appearance are submitted separately.

ANNEX B: Test Setup Photos

The Test Setup Photos are submitted separately.