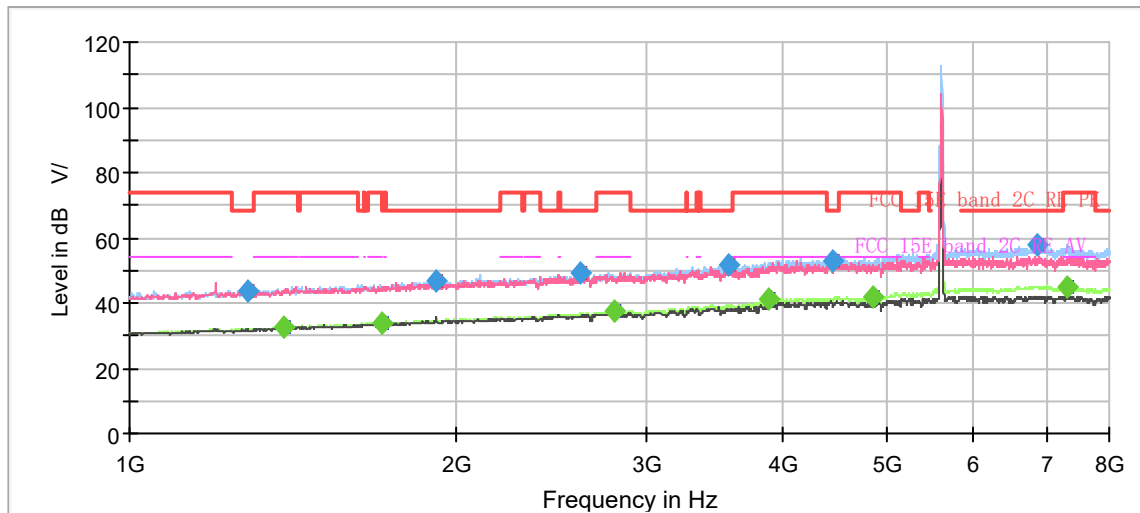


Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1199.500000	---	32.36	54.00	21.64	500.0	200.0	H	17.0	-7.7
1267.750000	43.42	---	68.20	24.78	500.0	200.0	V	350.0	-7.4
1665.875000	---	33.55	54.00	20.45	500.0	200.0	H	279.0	-5.1
1919.625000	47.00	---	68.20	21.20	500.0	200.0	H	229.0	-3.9
2240.750000	---	34.84	54.00	19.16	500.0	100.0	H	162.0	-2.4
2602.125000	48.12	---	68.20	20.08	500.0	200.0	V	290.0	-0.7
2724.625000	---	36.67	54.00	17.33	500.0	200.0	V	121.0	-0.1
3443.875000	49.94	---	68.20	18.26	500.0	200.0	H	36.0	2.4
3968.000000	---	40.10	54.00	13.90	500.0	100.0	V	123.0	4.5
4466.750000	51.18	---	68.20	17.02	500.0	200.0	V	336.0	5.4
6773.250000	53.68	---	68.20	14.52	500.0	200.0	V	107.0	8.6
7535.375000	---	42.32	54.00	11.68	500.0	200.0	V	198.0	8.8

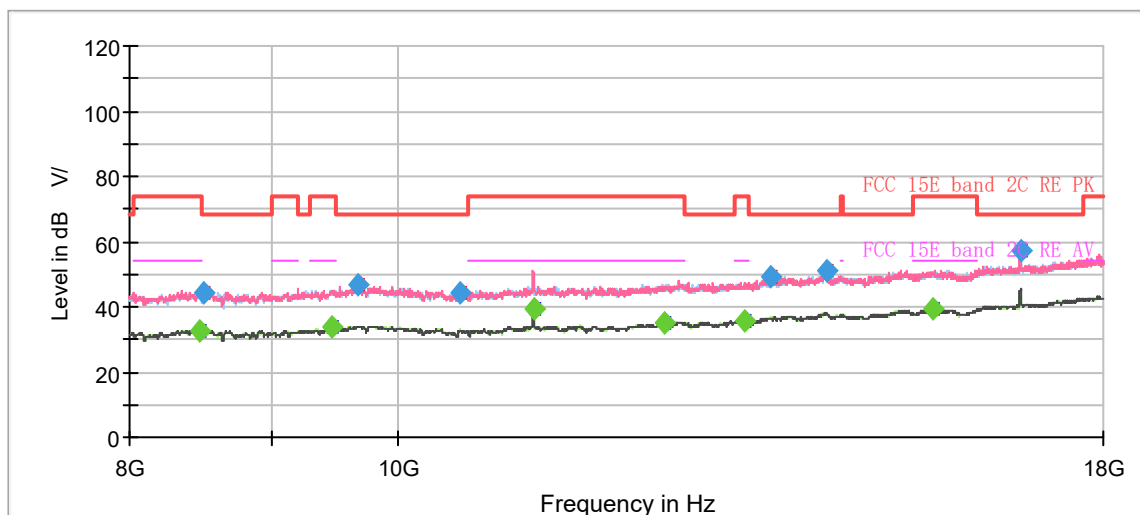
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11a CH120



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



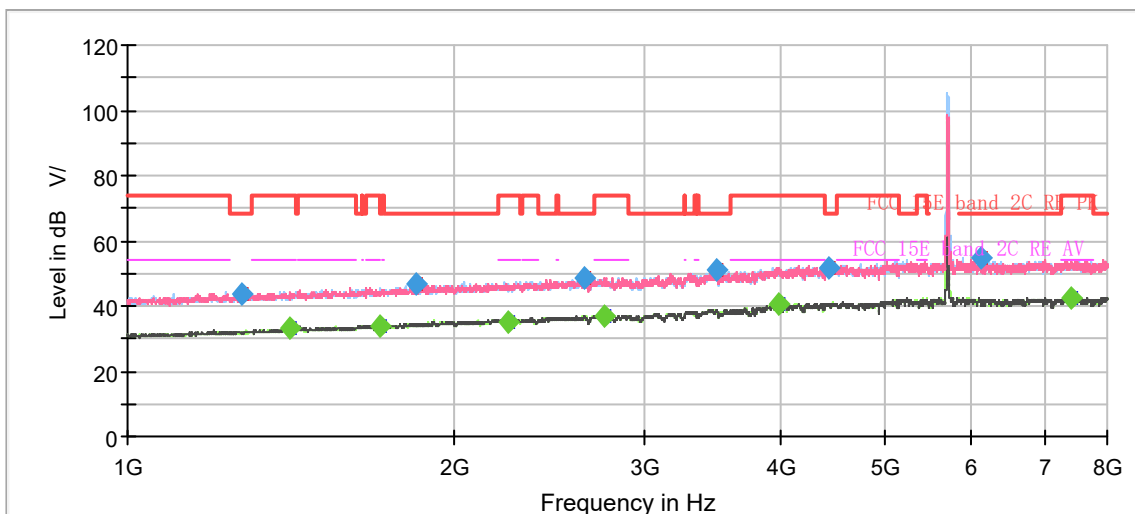
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1285.250000	43.80	---	68.20	24.40	500.0	200.0	H	190.0	-7.2
1386.750000	---	32.68	54.00	21.32	500.0	100.0	H	74.0	-6.6
1707.000000	---	34.04	54.00	19.96	500.0	200.0	H	62.0	-4.9
1918.750000	46.69	---	68.20	21.51	500.0	100.0	H	155.0	-3.9
2601.250000	48.99	---	68.20	19.21	500.0	200.0	H	14.0	-0.7
2800.750000	---	37.34	54.00	16.66	500.0	200.0	H	9.0	0.0
3562.000000	51.57	---	68.20	16.63	500.0	200.0	H	27.0	2.6
3880.500000	---	41.07	54.00	12.93	500.0	200.0	H	66.0	4.1
4444.000000	52.91	---	68.20	15.29	500.0	100.0	H	146.0	5.3
4850.000000	---	41.79	54.00	12.21	500.0	200.0	H	177.0	5.9
6869.500000	57.56	---	68.20	10.64	500.0	100.0	H	238.0	8.8
7305.250000	---	45.19	54.00	8.81	500.0	100.0	H	247.0	9.3

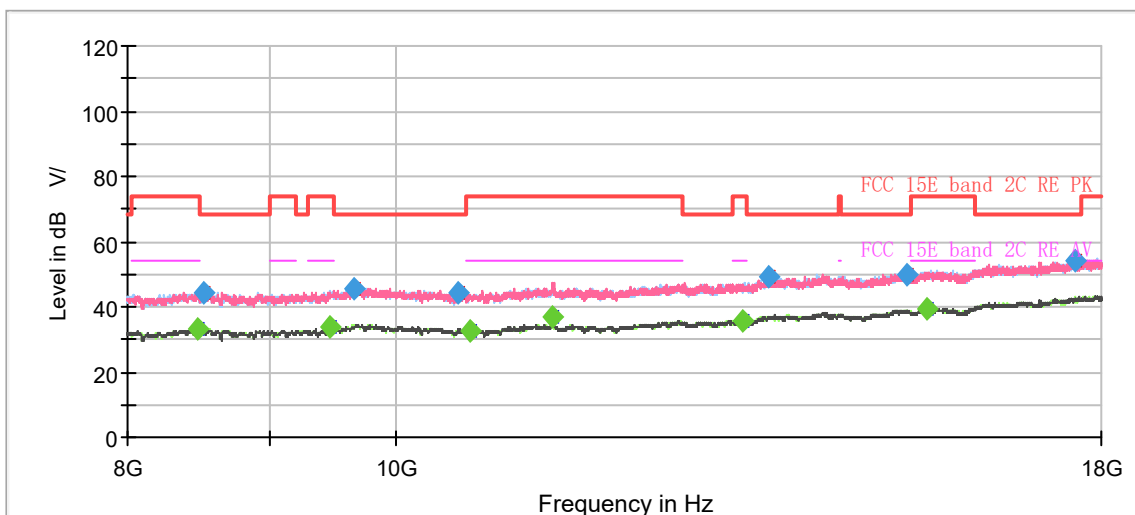
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11a CH140



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



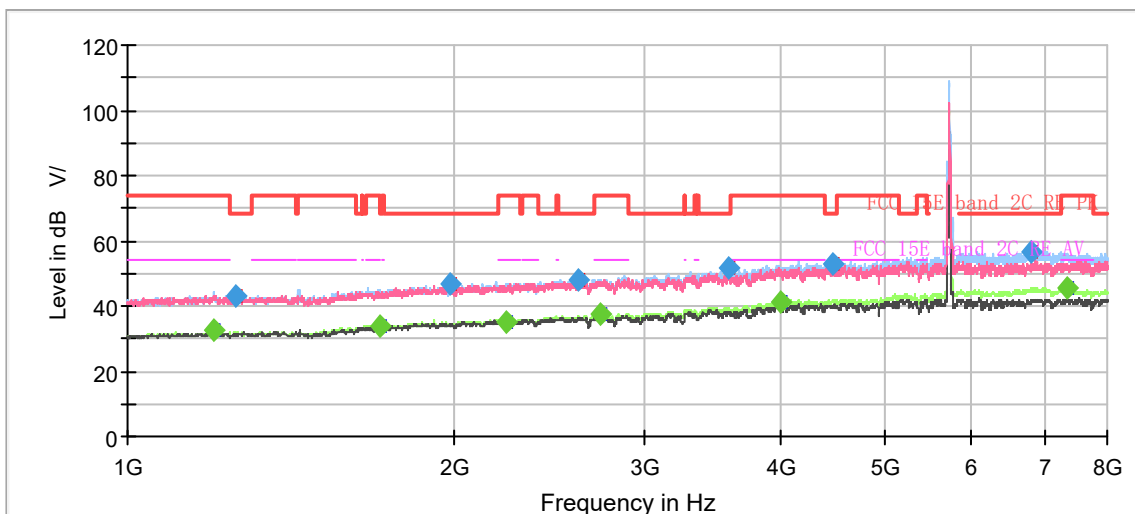
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1276.500000	43.76	---	68.20	24.44	500.0	200.0	H	316.0	-7.3
1410.375000	---	32.97	54.00	21.03	500.0	200.0	V	0.0	-6.4
1707.000000	---	34.12	54.00	19.88	500.0	200.0	V	21.0	-4.9
1845.250000	46.63	---	68.20	21.57	500.0	200.0	V	208.0	-4.2
2242.500000	---	35.27	54.00	18.73	500.0	200.0	H	312.0	-2.4
2631.875000	48.33	---	68.20	19.87	500.0	200.0	V	107.0	-0.5
2750.875000	---	37.18	54.00	16.82	500.0	100.0	V	97.0	-0.1
3487.625000	51.07	---	68.20	17.13	500.0	200.0	V	203.0	2.5
3979.375000	---	40.58	54.00	13.42	500.0	200.0	V	41.0	4.5
4427.375000	51.78	---	68.20	16.42	500.0	100.0	H	40.0	5.2
6112.625000	54.80	---	68.20	13.40	500.0	100.0	H	40.0	8.1
7408.500000	---	42.44	54.00	11.56	500.0	200.0	H	63.0	9.3

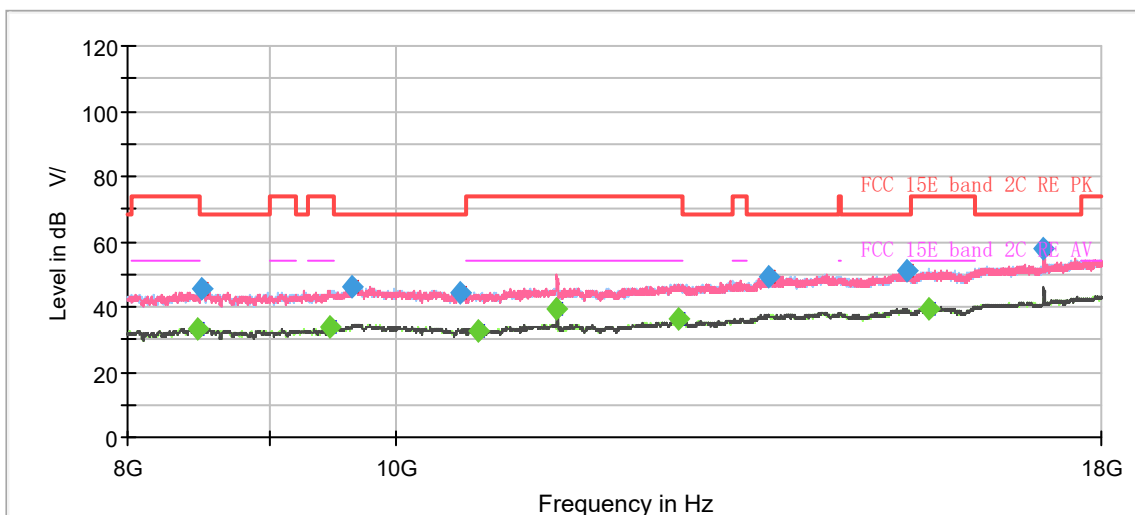
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11a CH144



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



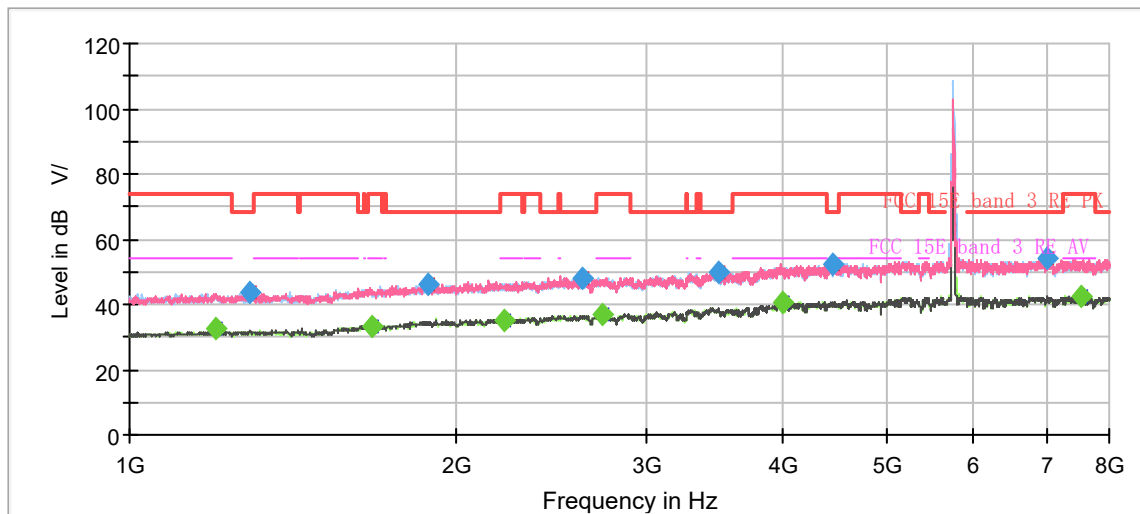
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1199.500000	---	32.64	54.00	21.36	500.0	200.0	H	139.0	-7.7
1257.250000	42.93	---	68.20	25.28	500.0	100.0	H	189.0	-7.4
1705.250000	---	33.94	54.00	20.06	500.0	200.0	H	148.0	-4.9
1982.625000	46.71	---	68.20	21.49	500.0	200.0	H	7.0	-3.5
2232.000000	---	35.36	54.00	18.64	500.0	200.0	H	16.0	-2.4
2608.250000	48.07	---	68.20	20.13	500.0	200.0	H	163.0	-0.7
2723.750000	---	37.34	54.00	16.66	500.0	200.0	H	75.0	-0.1
3579.500000	51.49	---	68.20	16.71	500.0	200.0	H	192.0	2.7
3996.875000	---	41.53	54.00	12.47	500.0	200.0	H	163.0	4.5
4470.250000	52.92	---	68.20	15.28	500.0	200.0	H	259.0	5.4
6797.750000	56.85	---	68.20	11.35	500.0	200.0	H	129.0	8.7
7335.000000	---	45.48	54.00	8.52	500.0	200.0	H	20.0	9.3

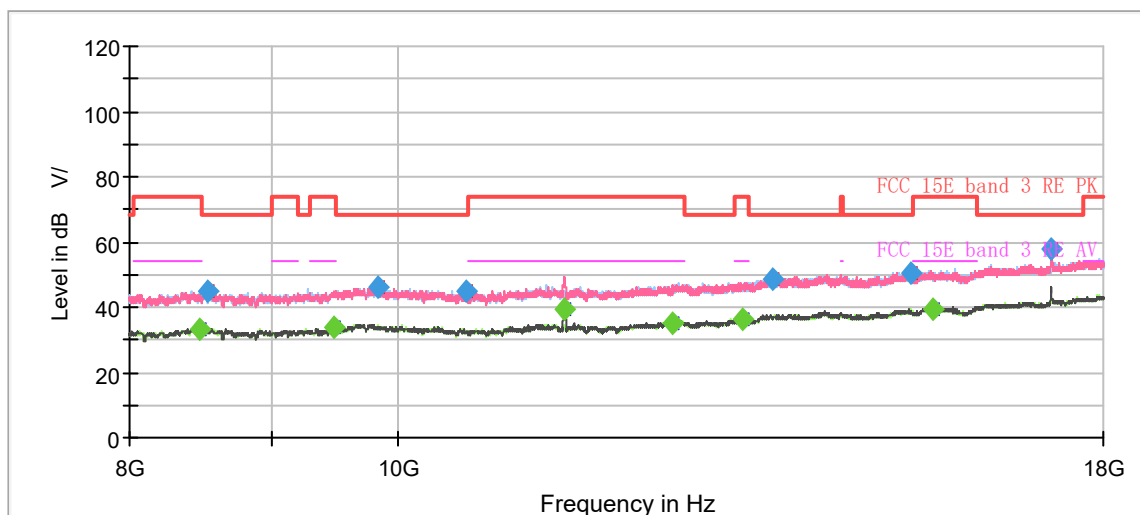
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11a CH149



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



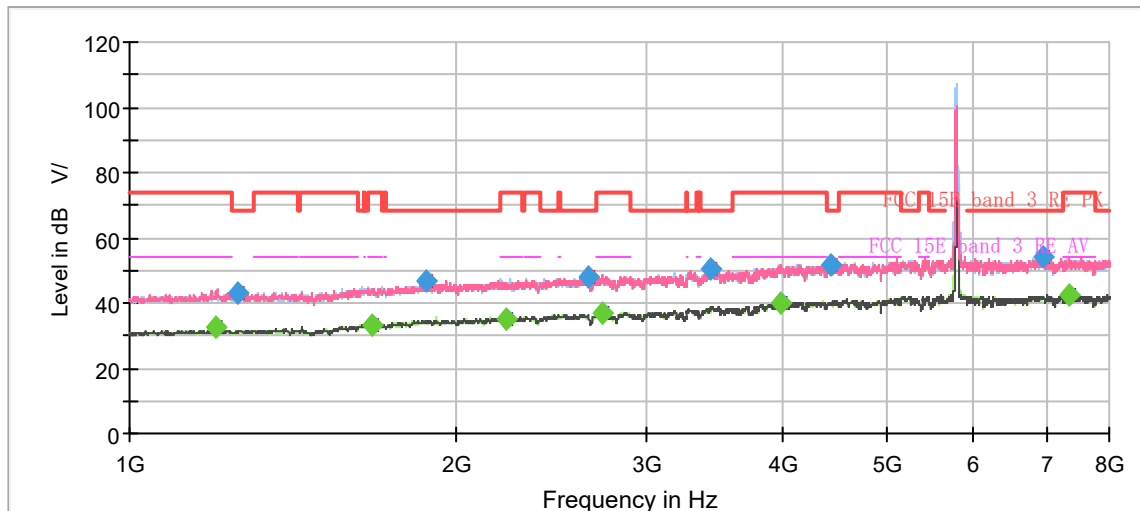
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1199.500000	---	32.46	54.00	21.54	500.0	200.0	H	28.0	-7.7
1292.250000	43.46	---	68.20	24.74	500.0	100.0	V	183.0	-7.2
1671.125000	---	33.53	54.00	20.47	500.0	200.0	V	0.0	-5.1
1888.125000	46.08	---	68.20	22.12	500.0	200.0	H	105.0	-4.0
2218.875000	---	35.18	54.00	18.82	500.0	200.0	V	206.0	-2.5
2610.000000	48.24	---	68.20	19.96	500.0	200.0	V	255.0	-0.6
2729.000000	---	36.90	54.00	17.10	500.0	200.0	V	352.0	-0.1
3489.375000	49.95	---	68.20	18.25	500.0	100.0	V	81.0	2.5
3995.125000	---	40.34	54.00	13.66	500.0	200.0	H	151.0	4.5
4444.000000	52.02	---	68.20	16.18	500.0	200.0	V	216.0	5.3
7023.500000	54.43	---	68.20	13.77	500.0	200.0	H	0.0	8.9
7543.250000	---	42.37	54.00	11.63	500.0	200.0	V	352.0	8.8

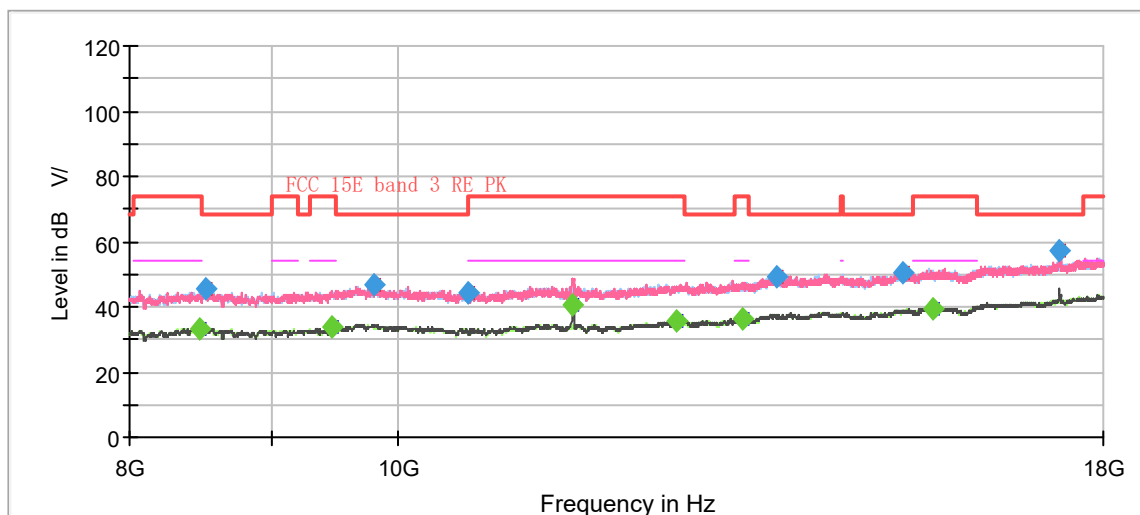
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11a CH157



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



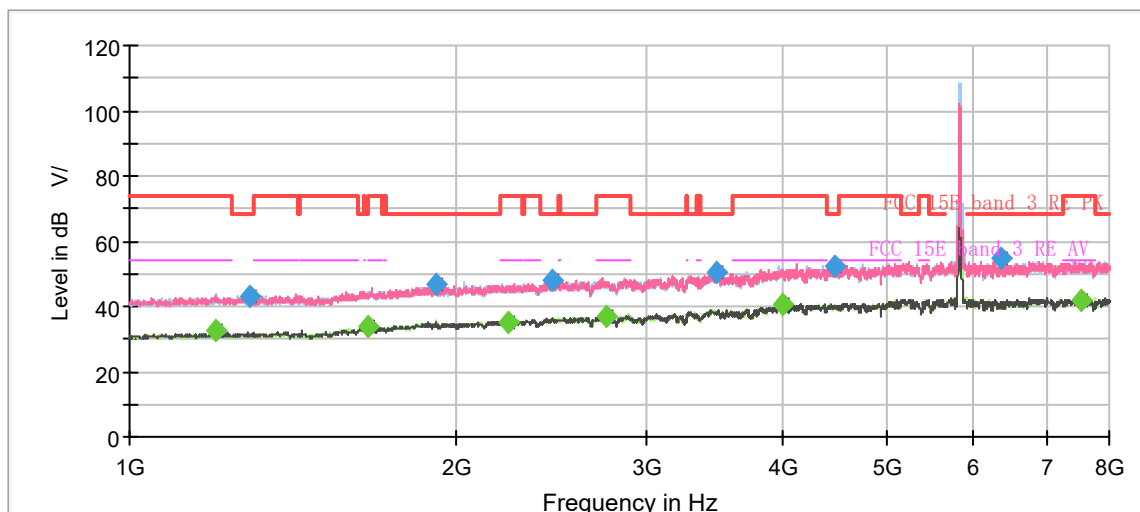
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1199.500000	---	32.50	54.00	21.50	500.0	200.0	H	13.0	-7.7
1259.875000	42.89	---	68.20	25.31	500.0	200.0	V	312.0	-7.4
1669.375000	---	33.46	54.00	20.54	500.0	100.0	V	58.0	-5.1
1880.250000	47.05	---	68.20	21.15	500.0	200.0	H	0.0	-4.0
2219.750000	---	35.11	54.00	18.89	500.0	200.0	V	290.0	-2.5
2651.125000	47.98	---	68.20	20.22	500.0	200.0	V	307.0	-0.4
2725.500000	---	36.76	54.00	17.24	500.0	200.0	H	82.0	-0.1
3432.500000	50.21	---	68.20	17.99	500.0	200.0	H	59.0	2.3
3986.375000	---	40.22	54.00	13.78	500.0	200.0	H	76.0	4.5
4433.500000	51.64	---	68.20	16.56	500.0	200.0	V	0.0	5.3
6955.250000	53.92	---	68.20	14.28	500.0	100.0	V	34.0	8.8
7342.875000	---	42.16	54.00	11.84	500.0	200.0	V	146.0	9.3

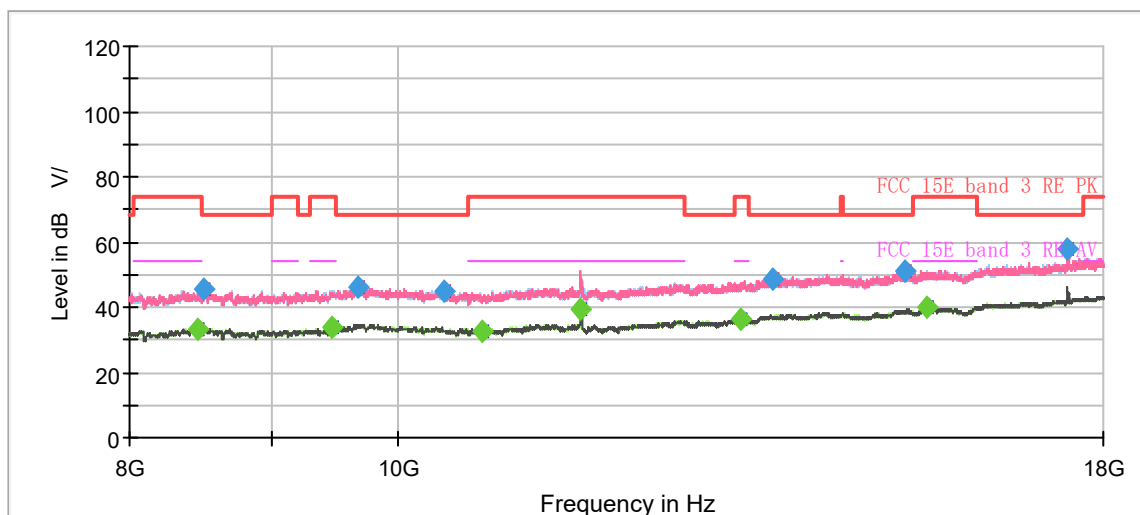
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11a CH165



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



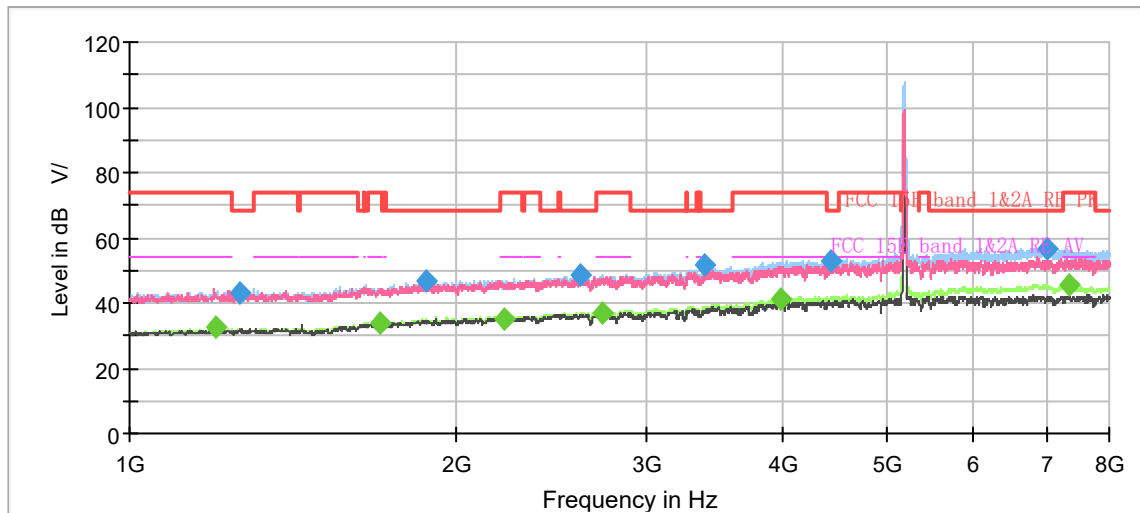
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1199.500000	---	32.53	54.00	21.47	500.0	200.0	H	15.0	-7.7
1288.750000	42.91	---	68.20	25.29	500.0	100.0	V	171.0	-7.2
1661.500000	---	33.57	54.00	20.43	500.0	200.0	H	89.0	-5.1
1919.625000	46.57	---	68.20	21.63	500.0	100.0	H	215.0	-3.9
2237.250000	---	35.18	54.00	18.82	500.0	200.0	V	259.0	-2.4
2455.125000	48.24	---	68.20	19.96	500.0	100.0	V	52.0	-1.4
2751.750000	---	36.81	54.00	17.19	500.0	100.0	H	215.0	-0.1
3480.625000	50.29	---	68.20	17.91	500.0	200.0	V	355.0	2.5
3995.125000	---	40.33	54.00	13.67	500.0	100.0	V	194.0	4.5
4466.750000	52.04	---	68.20	16.16	500.0	200.0	V	197.0	5.4
6360.250000	54.61	---	68.20	13.59	500.0	100.0	V	320.0	8.0
7545.875000	---	42.15	54.00	11.85	500.0	200.0	V	0.0	8.8

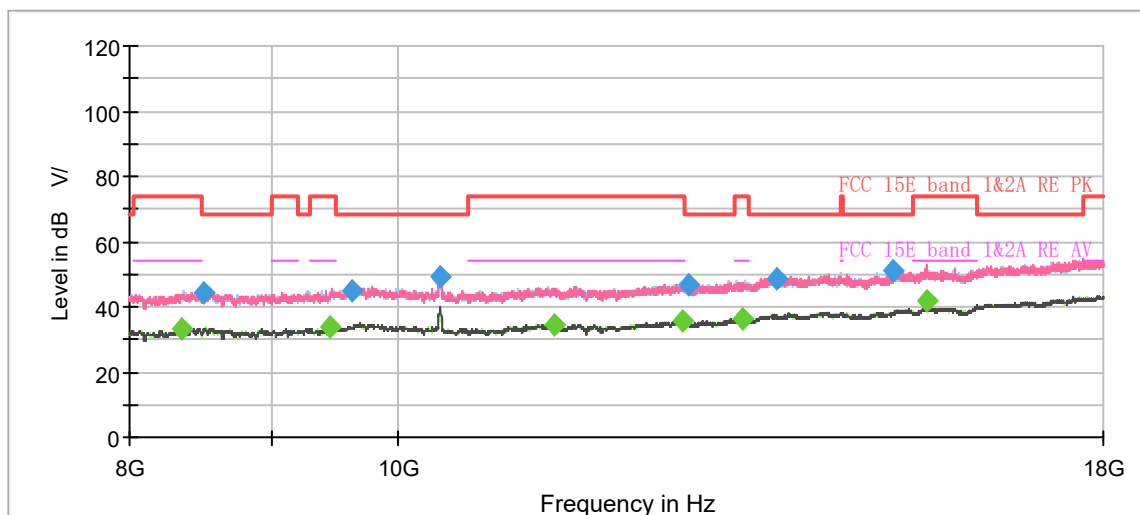
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH36



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



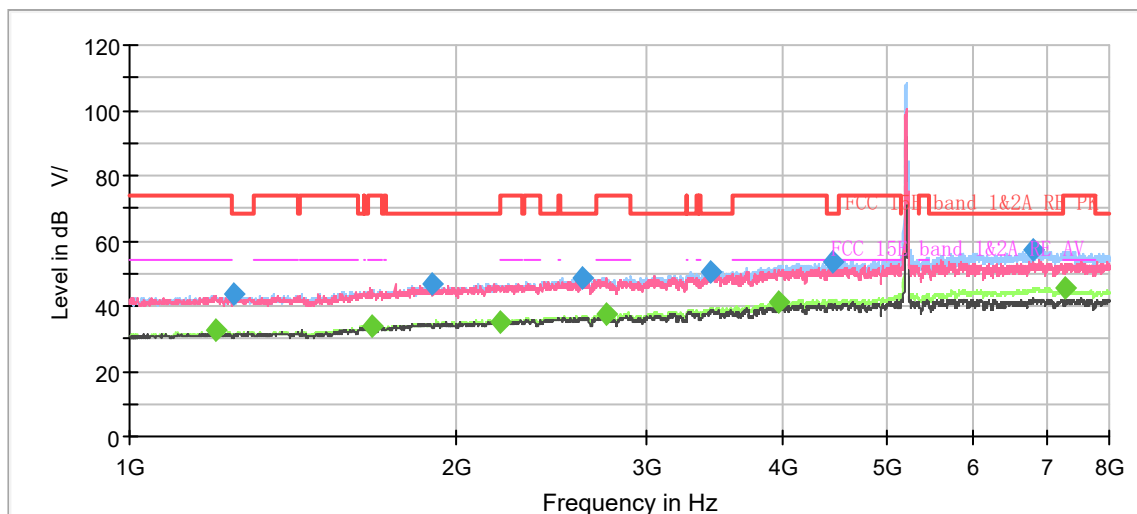
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1199.500000	---	32.57	54.00	21.43	500.0	200.0	H	123.0	-7.7
1262.500000	42.96	---	68.20	25.24	500.0	200.0	V	192.0	-7.4
1704.375000	---	33.96	54.00	20.04	500.0	100.0	H	0.0	-4.9
1876.750000	46.81	---	68.20	21.39	500.0	200.0	H	164.0	-4.0
2211.875000	---	35.10	54.00	18.90	500.0	100.0	H	266.0	-2.5
2601.250000	48.44	---	68.20	19.76	500.0	100.0	H	347.0	-0.7
2726.375000	---	37.20	54.00	16.80	500.0	200.0	H	55.0	-0.1
3390.500000	51.68	---	68.20	16.52	500.0	200.0	H	26.0	2.2
3978.500000	---	41.14	54.00	12.86	500.0	100.0	H	260.0	4.5
4438.750000	52.90	---	68.20	15.30	500.0	200.0	H	290.0	5.3
7026.125000	56.81	---	68.20	11.39	500.0	100.0	H	85.0	8.9
7345.500000	---	45.35	54.00	8.65	500.0	200.0	H	164.0	9.3

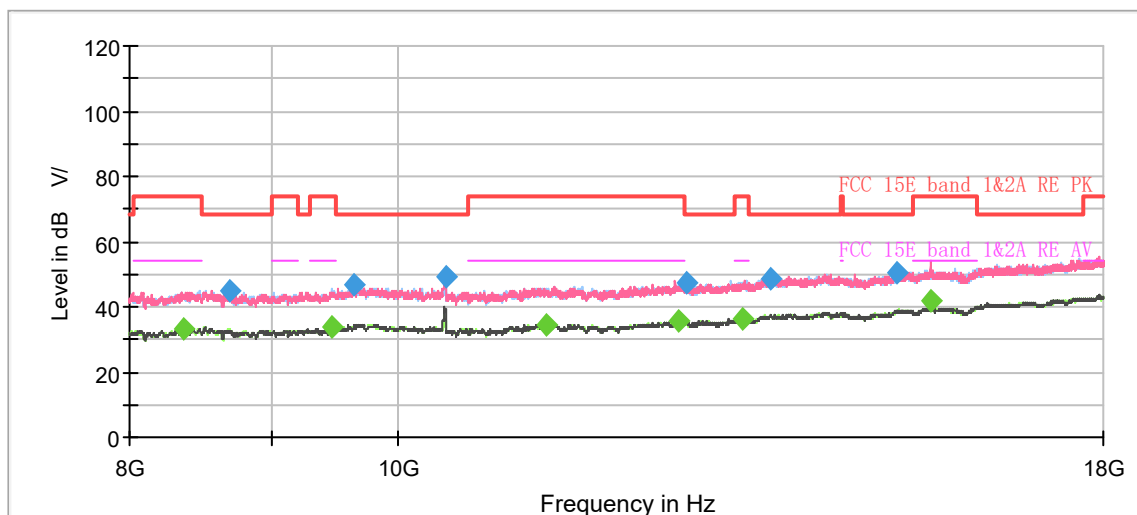
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH40



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



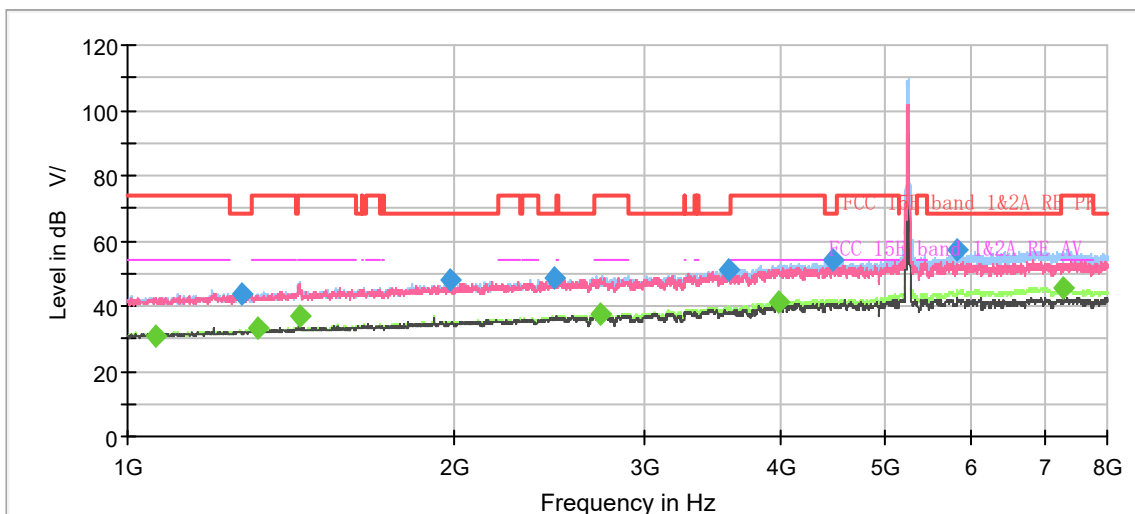
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1199.500000	---	32.90	54.00	21.10	500.0	200.0	H	6.0	-7.7
1249.375000	43.46	---	68.20	24.74	500.0	200.0	V	7.0	-7.4
1672.875000	---	33.78	54.00	20.22	500.0	200.0	H	39.0	-5.0
1900.375000	46.81	---	68.20	21.39	500.0	200.0	H	53.0	-3.9
2200.500000	---	35.18	54.00	18.82	500.0	100.0	H	348.0	-2.6
2612.625000	48.57	---	68.20	19.63	500.0	100.0	V	6.0	-0.6
2751.750000	---	37.30	54.00	16.70	500.0	200.0	H	53.0	-0.1
3437.750000	50.65	---	68.20	17.55	500.0	100.0	V	54.0	2.3
3973.250000	---	41.53	54.00	12.47	500.0	200.0	H	315.0	4.5
4445.750000	53.28	---	68.20	14.92	500.0	200.0	H	146.0	5.3
6811.750000	57.18	---	68.20	11.02	500.0	200.0	H	87.0	8.7
7293.875000	---	45.47	54.00	8.53	500.0	200.0	H	107.0	9.3

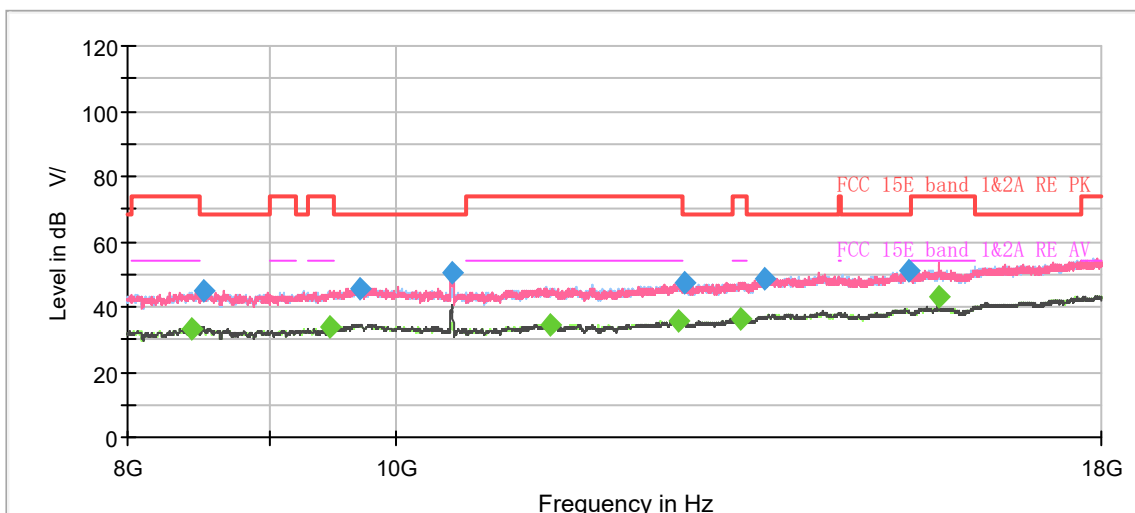
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH48



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



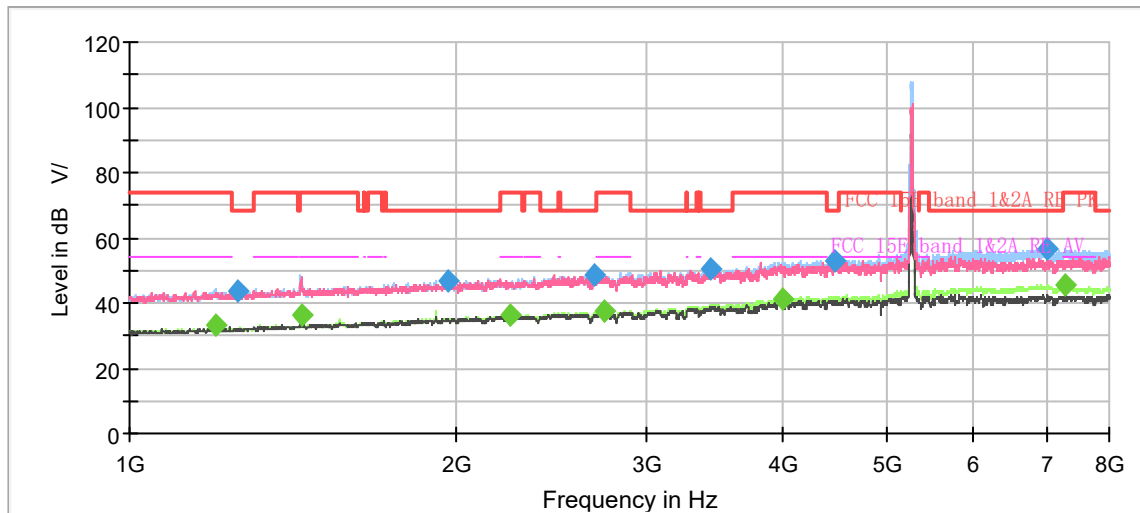
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1063.000000	---	30.95	54.00	23.05	500.0	200.0	H	25.0	-8.7
1275.625000	43.56	---	68.20	24.64	500.0	100.0	V	234.0	-7.3
1320.250000	---	33.41	54.00	20.59	500.0	200.0	H	214.0	-7.0
1440.125000	---	36.72	54.00	17.28	500.0	100.0	V	94.0	-6.2
1981.750000	47.70	---	68.20	20.50	500.0	200.0	V	350.0	-3.5
2476.125000	48.42	---	68.20	19.78	500.0	200.0	H	44.0	-1.3
2725.500000	---	37.75	54.00	16.25	500.0	200.0	H	39.0	-0.1
3587.375000	51.04	---	68.20	17.16	500.0	100.0	H	315.0	2.7
3983.750000	---	41.36	54.00	12.64	500.0	200.0	H	12.0	4.5
4467.625000	54.01	---	68.20	14.19	500.0	200.0	H	12.0	5.4
5819.500000	57.35	---	68.20	10.85	500.0	200.0	H	137.0	8.1
7299.125000	---	45.56	54.00	8.44	500.0	200.0	H	179.0	9.3

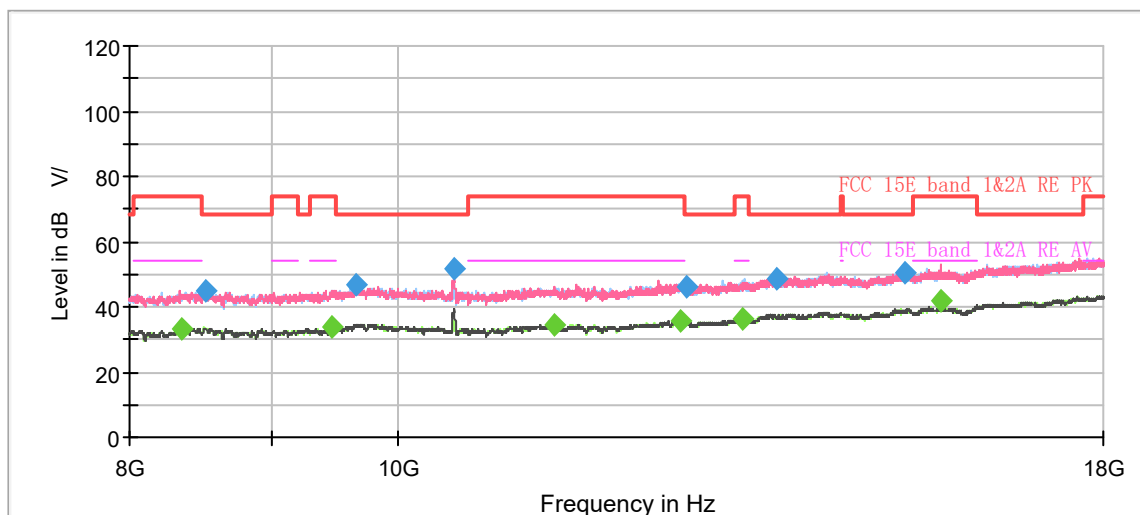
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH52



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



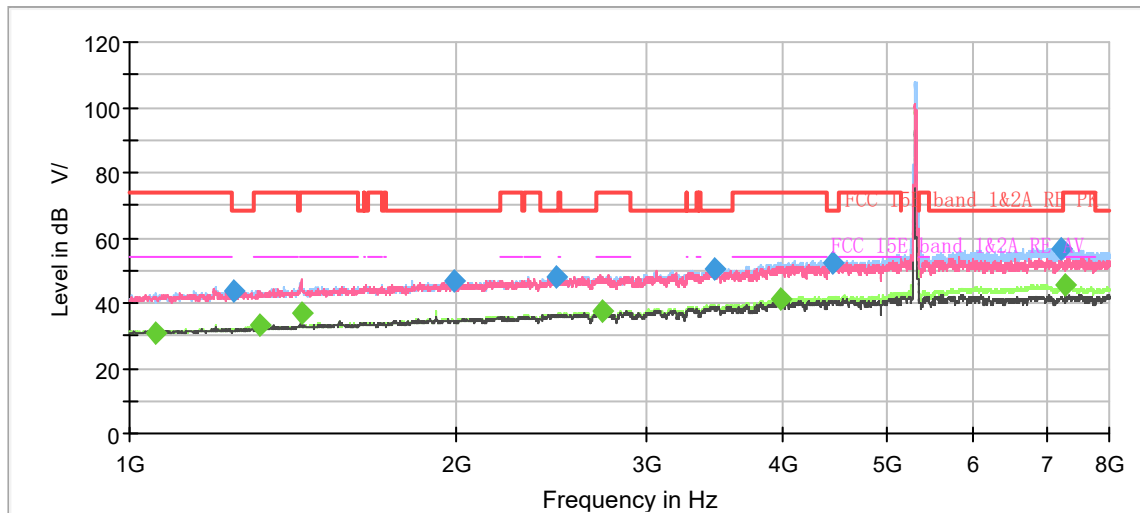
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1199.500000	---	33.27	54.00	20.73	500.0	200.0	H	314.0	-7.7
1256.375000	43.64	---	68.20	24.56	500.0	100.0	V	0.0	-7.4
1440.125000	---	36.53	54.00	17.47	500.0	100.0	V	101.0	-6.2
1963.375000	46.66	---	68.20	21.54	500.0	100.0	V	341.0	-3.6
2242.500000	---	36.09	54.00	17.91	500.0	100.0	H	161.0	-2.4
2685.250000	48.80	---	68.20	19.40	500.0	100.0	H	204.0	-0.2
2741.250000	---	37.23	54.00	16.77	500.0	100.0	H	334.0	-0.1
3434.250000	50.62	---	68.20	17.58	500.0	100.0	H	218.0	2.3
3994.250000	---	41.44	54.00	12.56	500.0	100.0	H	196.0	4.5
4476.375000	53.22	---	68.20	14.98	500.0	100.0	H	246.0	5.4
6997.250000	56.66	---	68.20	11.54	500.0	100.0	H	342.0	8.8
7296.500000	---	45.62	54.00	8.38	500.0	200.0	H	11.0	9.3

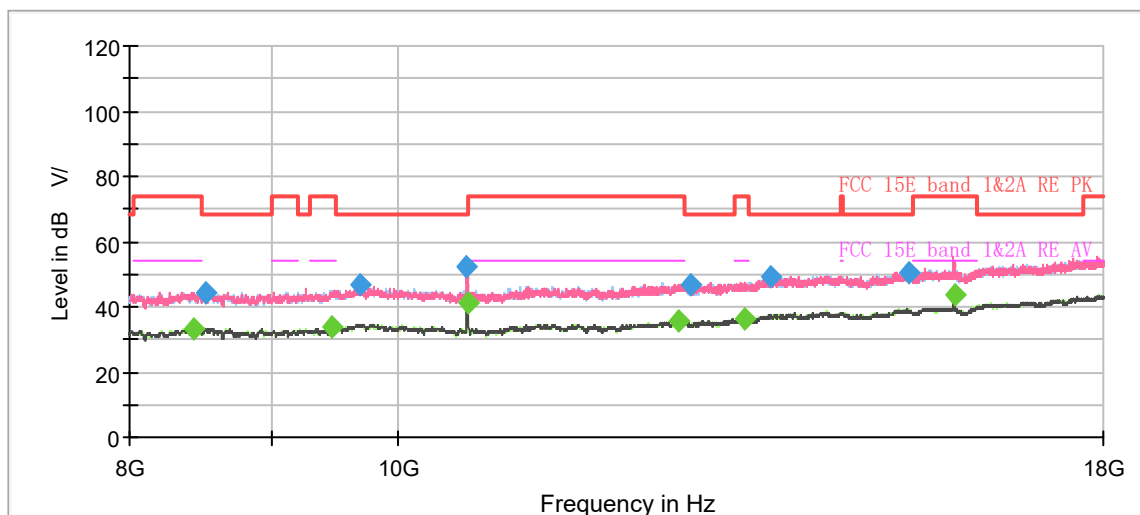
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH60



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



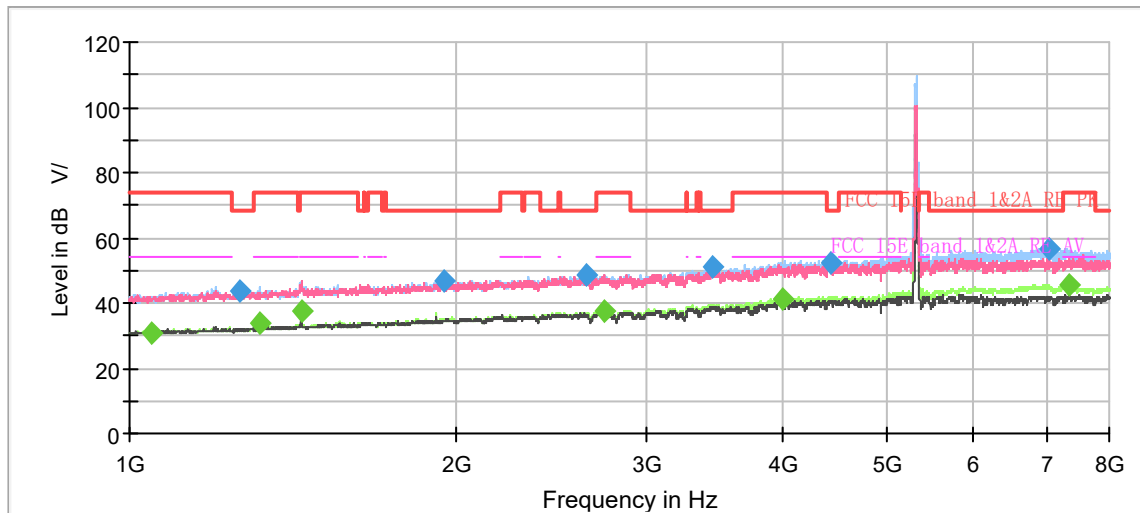
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1057.750000	---	30.91	54.00	23.09	500.0	200.0	H	106.0	-8.7
1245.000000	43.98	---	68.20	24.22	500.0	100.0	H	191.0	-7.5
1319.375000	---	33.03	54.00	20.97	500.0	200.0	H	214.0	-7.0
1440.125000	---	37.08	54.00	16.92	500.0	100.0	V	95.0	-6.2
1992.250000	46.70	---	68.20	21.50	500.0	100.0	H	231.0	-3.5
2478.750000	48.13	---	68.20	20.07	500.0	100.0	H	349.0	-1.3
2722.875000	---	37.33	54.00	16.67	500.0	200.0	H	4.0	-0.1
3460.500000	50.49	---	68.20	17.71	500.0	100.0	H	322.0	2.4
3975.875000	---	41.29	54.00	12.71	500.0	100.0	H	272.0	4.5
4441.375000	52.53	---	68.20	15.67	500.0	100.0	H	280.0	5.3
7230.000000	56.73	---	68.20	11.47	500.0	100.0	H	0.0	9.2
7300.000000	---	45.66	54.00	8.34	500.0	100.0	H	356.0	9.3

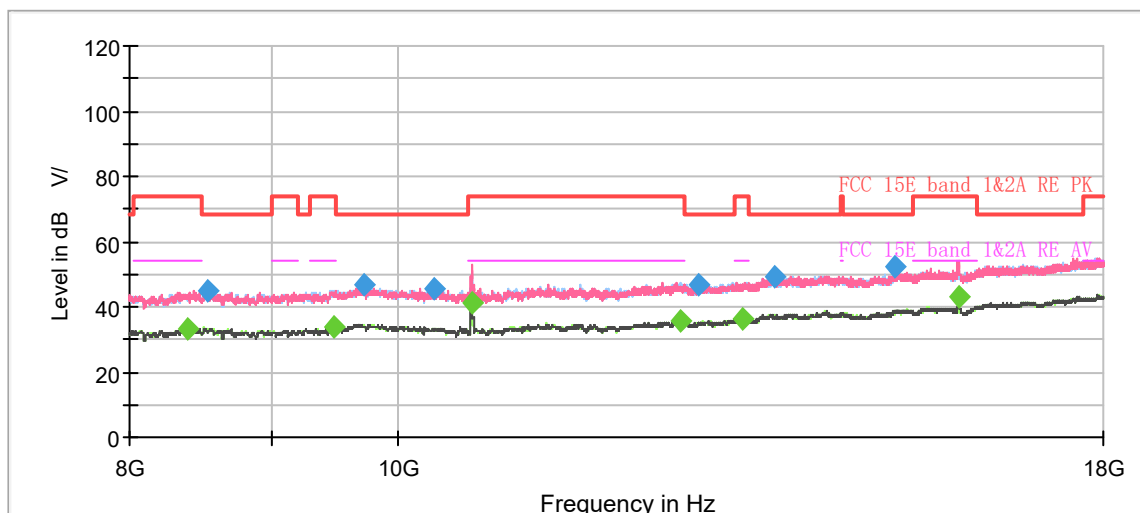
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH64



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



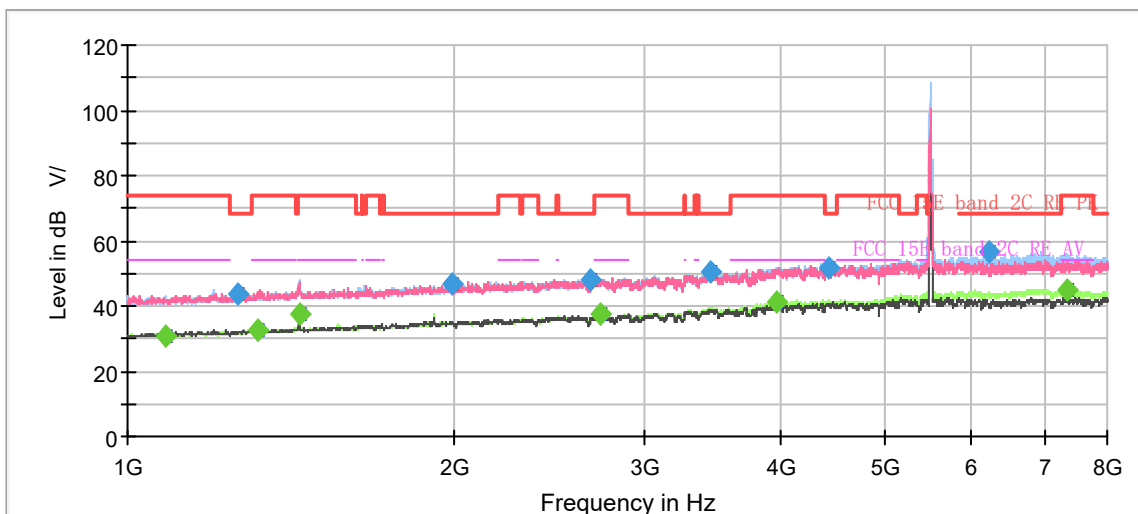
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1046.375000	---	30.93	54.00	23.07	500.0	100.0	H	0.0	-8.7
1262.500000	43.62	---	68.20	24.58	500.0	100.0	V	120.0	-7.4
1319.375000	---	33.63	54.00	20.37	500.0	200.0	H	205.0	-7.0
1440.125000	---	37.34	54.00	16.66	500.0	100.0	V	105.0	-6.2
1952.875000	46.47	---	68.20	21.73	500.0	100.0	H	298.0	-3.7
2634.500000	48.66	---	68.20	19.54	500.0	100.0	V	211.0	-0.5
2743.875000	---	37.49	54.00	16.51	500.0	100.0	H	347.0	-0.1
3446.500000	51.21	---	68.20	16.99	500.0	100.0	H	311.0	2.4
3996.875000	---	41.36	54.00	12.64	500.0	100.0	H	0.0	4.5
4430.000000	52.08	---	68.20	16.12	500.0	100.0	H	141.0	5.3
7030.500000	56.42	---	68.20	11.78	500.0	100.0	H	325.0	8.9
7333.250000	---	45.64	54.00	8.36	500.0	100.0	H	304.0	9.3

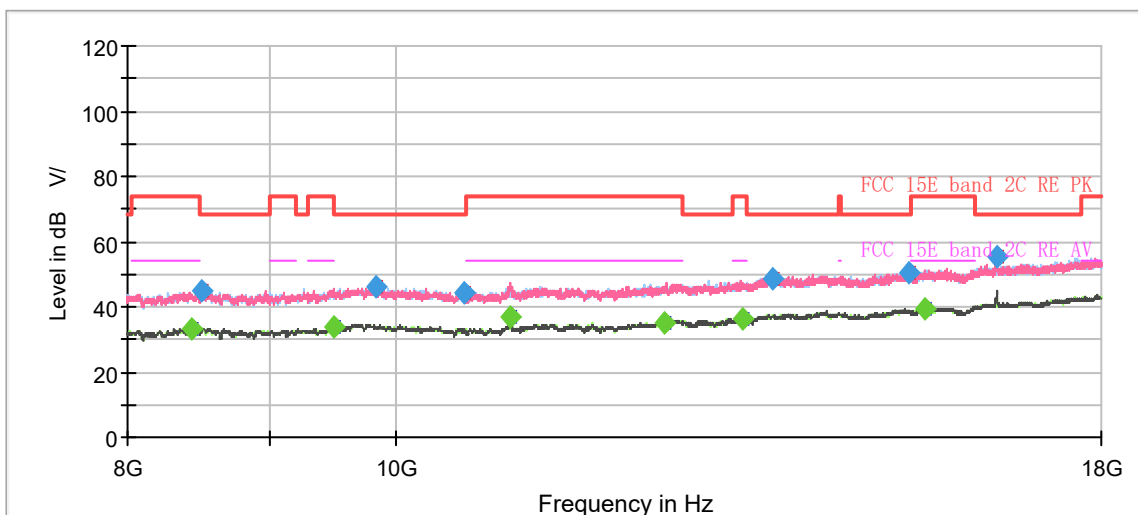
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH100



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



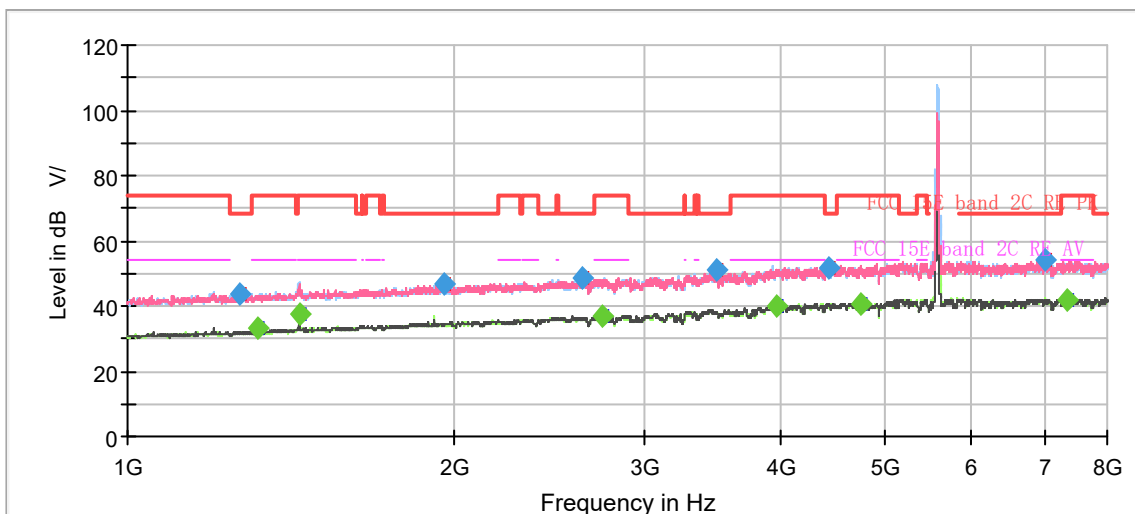
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1085.750000	---	30.90	54.00	23.10	500.0	200.0	H	74.0	-8.5
1266.000000	43.46	---	68.20	24.74	500.0	100.0	H	82.0	-7.4
1320.250000	---	32.89	54.00	21.11	500.0	200.0	H	79.0	-7.0
1440.125000	---	37.31	54.00	16.69	500.0	100.0	V	98.0	-6.2
1993.125000	46.97	---	68.20	21.23	500.0	200.0	V	117.0	-3.5
2673.000000	48.22	---	68.20	19.98	500.0	100.0	H	343.0	-0.3
2729.875000	---	37.34	54.00	16.66	500.0	200.0	H	17.0	-0.1
3449.125000	50.65	---	68.20	17.55	500.0	200.0	V	103.0	2.4
3973.250000	---	41.14	54.00	12.86	500.0	200.0	H	3.0	4.5
4434.375000	51.96	---	68.20	16.24	500.0	200.0	H	22.0	5.3
6217.625000	56.47	---	68.20	11.73	500.0	200.0	H	17.0	8.1
7342.000000	---	45.16	54.00	8.85	500.0	200.0	H	35.0	9.3

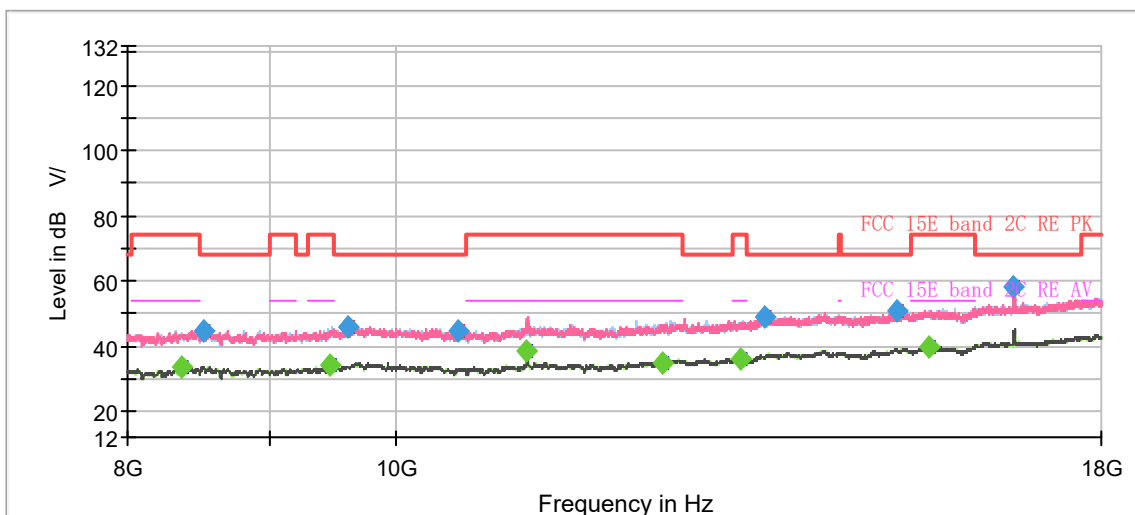
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH116



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



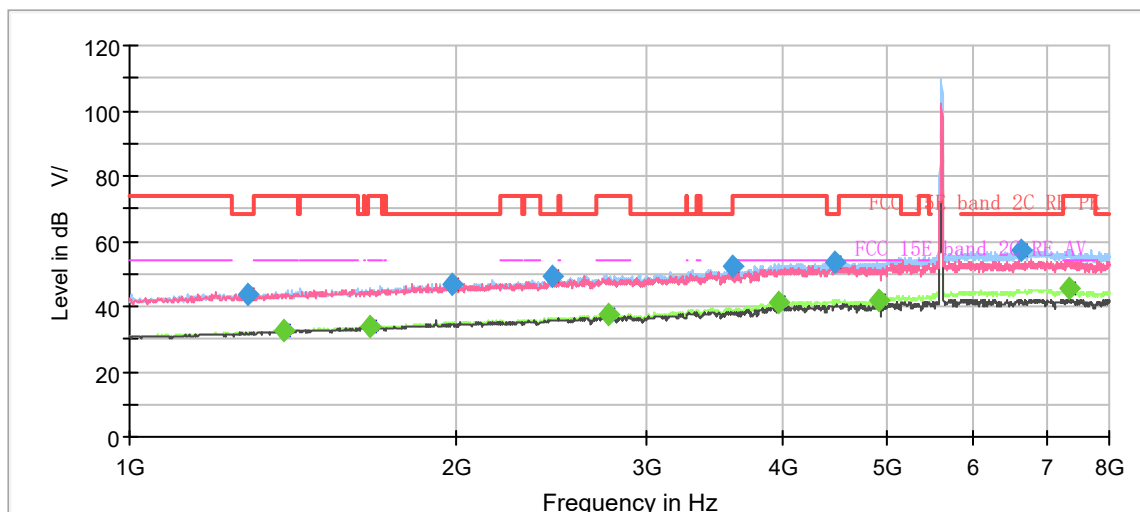
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1268.625000	43.80	---	68.20	24.40	500.0	200.0	H	197.0	-7.3
1320.250000	---	33.12	54.00	20.88	500.0	200.0	H	99.0	-7.0
1440.125000	---	37.37	54.00	16.63	500.0	100.0	V	107.0	-6.2
1959.875000	46.92	---	68.20	21.28	500.0	200.0	V	336.0	-3.6
2626.625000	48.47	---	68.20	19.73	500.0	200.0	V	274.0	-0.5
2743.875000	---	36.88	54.00	17.12	500.0	200.0	V	317.0	-0.1
3489.375000	50.99	---	68.20	17.21	500.0	200.0	V	321.0	2.5
3967.125000	---	40.25	54.00	13.75	500.0	200.0	V	108.0	4.5
4437.000000	51.58	---	68.20	16.62	500.0	200.0	V	317.0	5.3
4735.375000	---	40.52	54.00	13.48	500.0	100.0	H	285.0	5.6
7006.875000	53.87	---	68.20	14.33	500.0	100.0	V	93.0	8.9
7338.500000	---	42.13	54.00	11.87	500.0	200.0	V	283.0	9.3

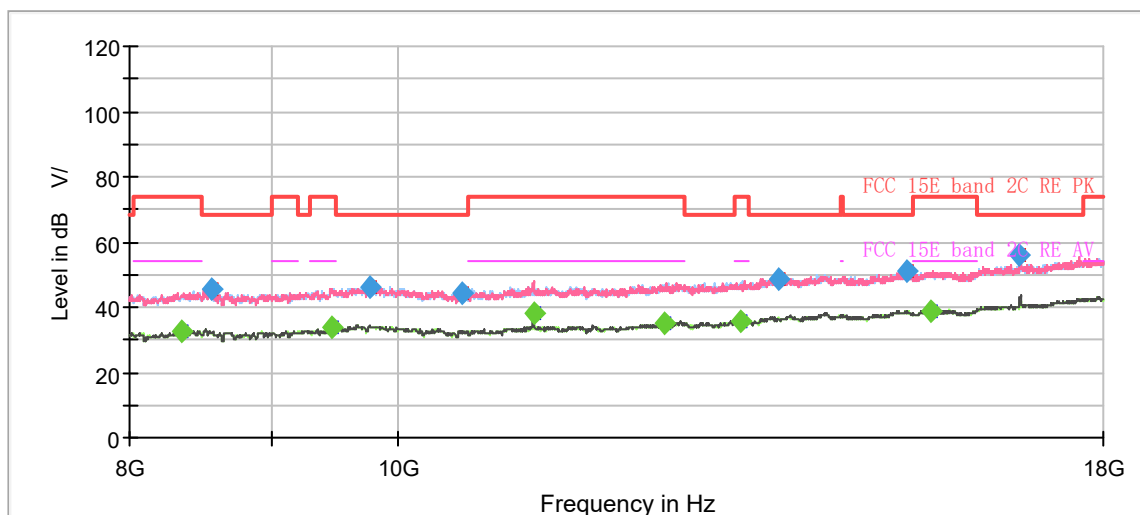
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH120



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



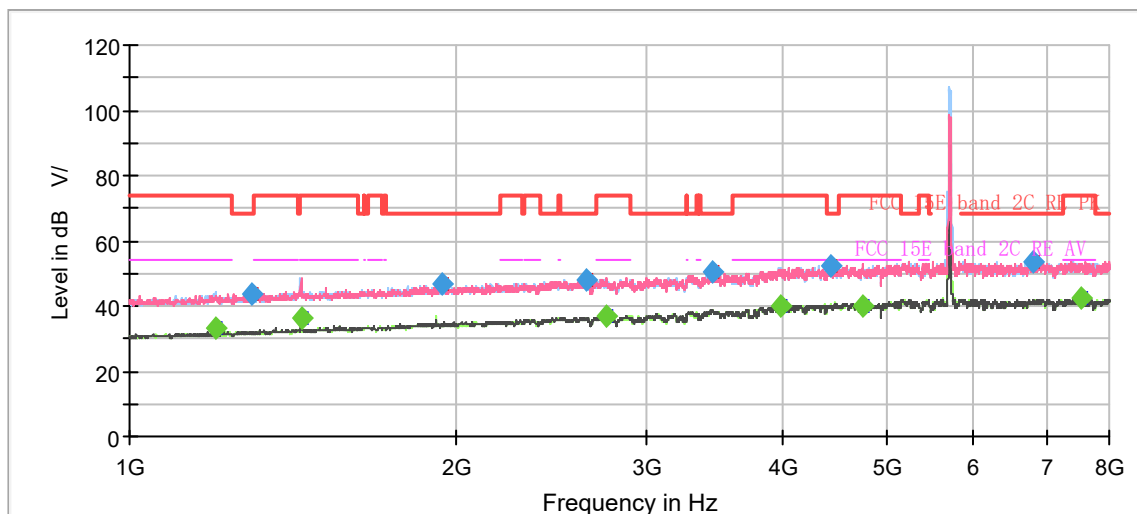
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1283.500000	43.79	---	68.20	24.41	500.0	100.0	V	55.0	-7.3
1390.250000	---	32.61	54.00	21.39	500.0	200.0	H	13.0	-6.6
1665.000000	---	33.90	54.00	20.10	500.0	100.0	H	43.0	-5.1
1980.000000	46.80	---	68.20	21.40	500.0	100.0	V	161.0	-3.5
2452.500000	49.22	---	68.20	18.98	500.0	100.0	H	197.0	-1.4
2758.750000	---	37.40	54.00	16.60	500.0	200.0	H	72.0	-0.1
3593.500000	52.21	---	68.20	15.99	500.0	100.0	H	272.0	2.7
3959.250000	---	41.17	54.00	12.83	500.0	200.0	H	158.0	4.4
4468.500000	53.49	---	68.20	14.71	500.0	100.0	H	233.0	5.4
4904.250000	---	41.84	54.00	12.16	500.0	200.0	H	45.0	6.1
6636.750000	57.40	---	68.20	10.80	500.0	200.0	H	145.0	8.4
7343.750000	---	45.39	54.00	8.61	500.0	200.0	H	136.0	9.3

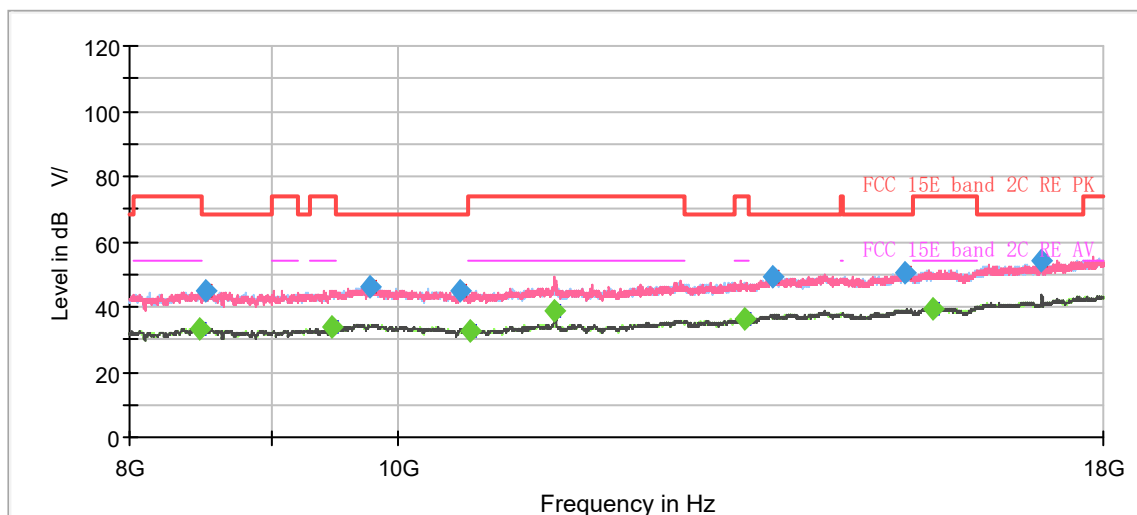
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH140



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



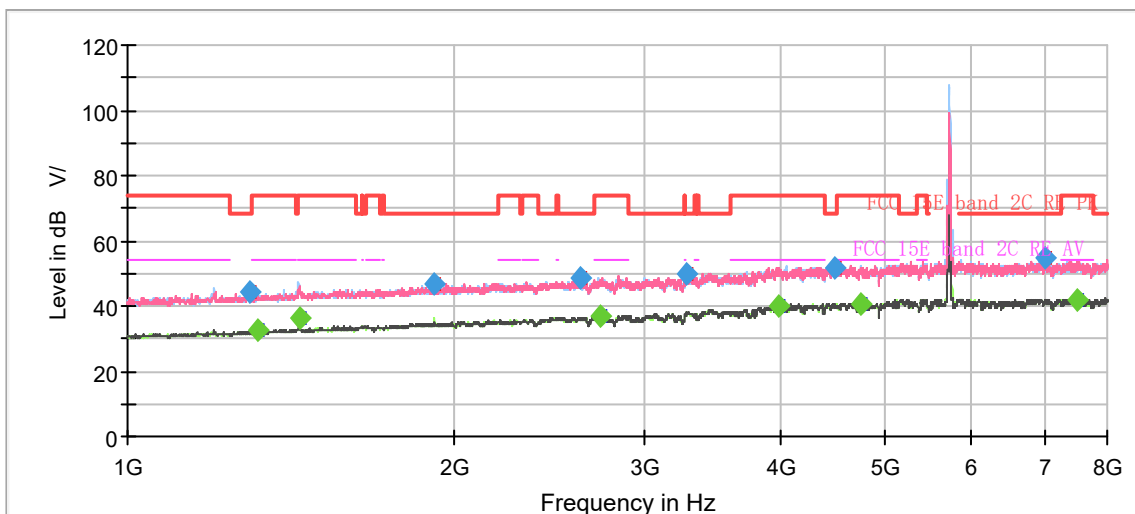
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1199.500000	---	33.13	54.00	20.87	500.0	100.0	H	57.0	-7.7
1297.500000	43.55	---	68.20	24.65	500.0	200.0	H	246.0	-7.2
1440.125000	---	36.58	54.00	17.42	500.0	100.0	V	100.0	-6.2
1945.000000	46.74	---	68.20	21.46	500.0	200.0	V	148.0	-3.7
2631.875000	48.19	---	68.20	20.01	500.0	200.0	V	22.0	-0.5
2750.000000	---	36.86	54.00	17.14	500.0	200.0	V	45.0	-0.1
3443.000000	50.60	---	68.20	17.60	500.0	100.0	V	96.0	2.4
3980.250000	---	40.14	54.00	13.86	500.0	200.0	V	45.0	4.5
4423.000000	52.17	---	68.20	16.03	500.0	200.0	V	315.0	5.2
4745.000000	---	40.19	54.00	13.81	500.0	200.0	V	157.0	5.7
6798.625000	53.78	---	68.20	14.42	500.0	200.0	H	343.0	8.7
7533.625000	---	42.20	54.00	11.80	500.0	200.0	H	328.0	8.8

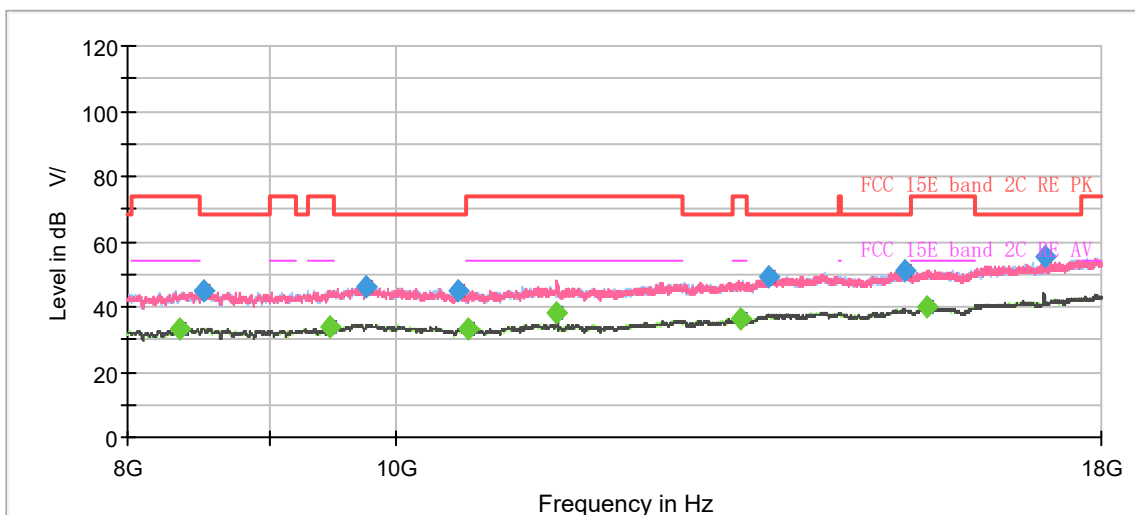
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH144



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



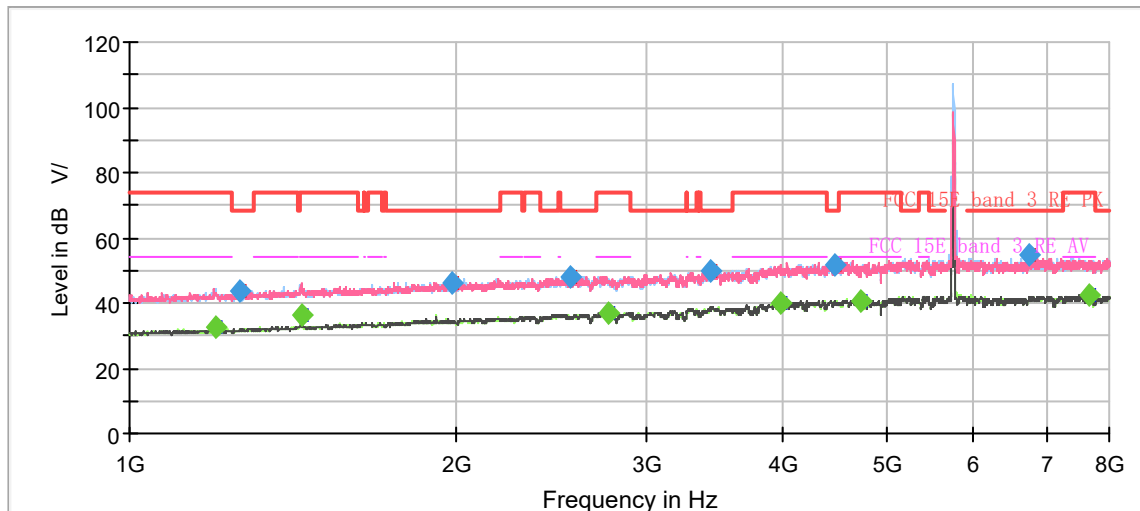
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1296.625000	44.10	---	68.20	24.10	500.0	200.0	V	11.0	-7.2
1319.375000	---	32.66	54.00	21.34	500.0	200.0	H	154.0	-7.0
1440.125000	---	36.30	54.00	17.70	500.0	100.0	V	105.0	-6.2
1917.875000	46.75	---	68.20	21.45	500.0	200.0	H	0.0	-3.9
2618.750000	48.40	---	68.20	19.80	500.0	100.0	V	359.0	-0.6
2724.625000	---	36.98	54.00	17.02	500.0	100.0	V	349.0	-0.1
3281.125000	50.00	---	68.20	18.20	500.0	100.0	H	247.0	1.8
3990.750000	---	40.28	54.00	13.72	500.0	200.0	V	6.0	4.5
4477.250000	51.47	---	68.20	16.73	500.0	100.0	V	269.0	5.4
4742.375000	---	40.65	54.00	13.35	500.0	100.0	V	14.0	5.6
7012.125000	54.81	---	68.20	13.39	500.0	200.0	V	56.0	8.9
7496.875000	---	42.07	54.00	11.93	500.0	200.0	H	276.0	8.9

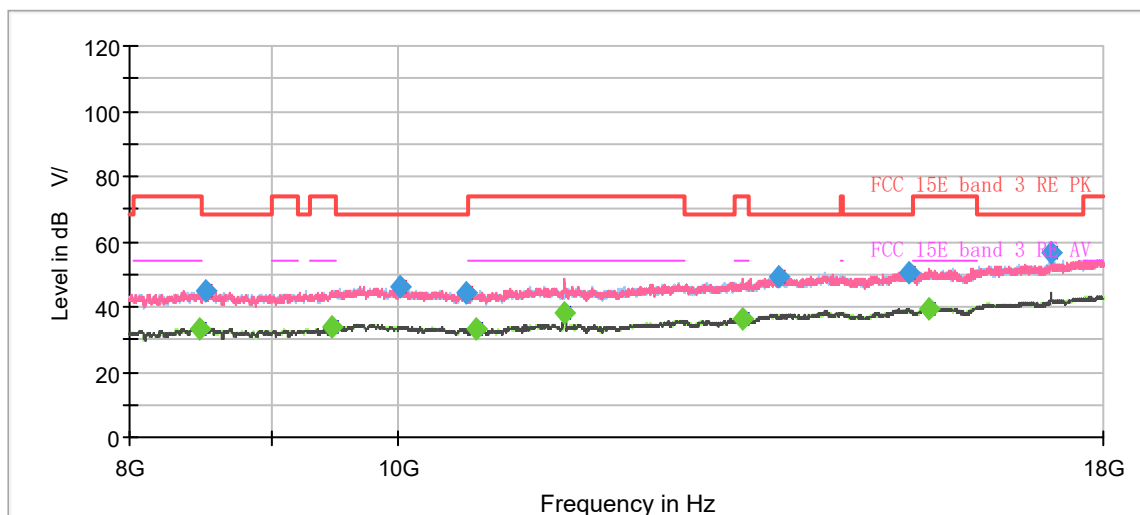
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH149



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



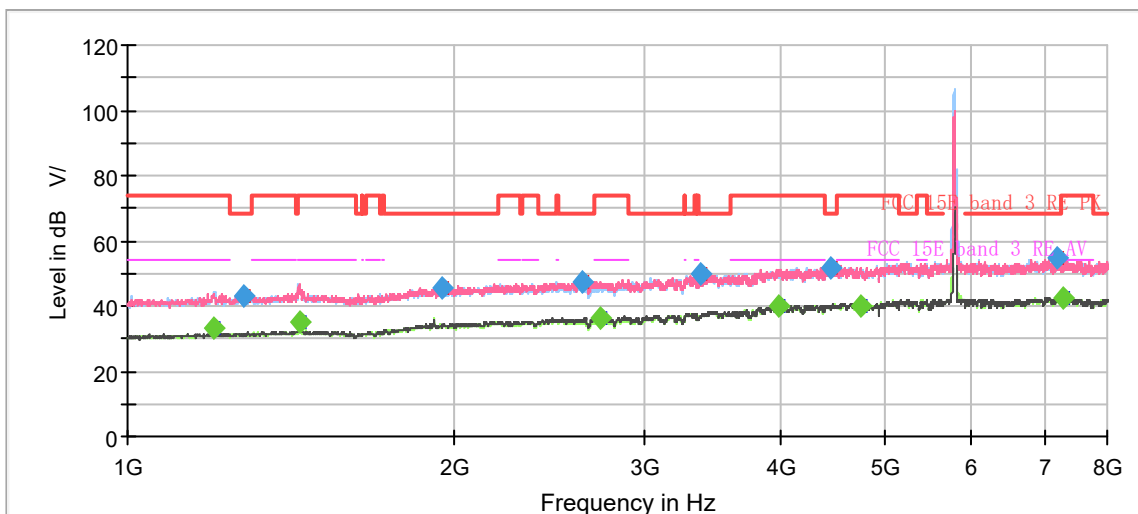
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1199.500000	---	32.54	54.00	21.46	500.0	200.0	V	0.0	-7.7
1265.125000	43.68	---	68.20	24.52	500.0	200.0	H	212.0	-7.4
1440.125000	---	36.06	54.00	17.94	500.0	100.0	V	111.0	-6.2
1987.000000	46.24	---	68.20	21.96	500.0	200.0	H	159.0	-3.5
2553.125000	47.92	---	68.20	20.28	500.0	200.0	H	116.0	-0.9
2761.375000	---	36.88	54.00	17.12	500.0	200.0	V	31.0	-0.1
3432.500000	49.60	---	68.20	18.60	500.0	200.0	H	266.0	2.3
3976.750000	---	40.17	54.00	13.83	500.0	100.0	V	21.0	4.5
4470.250000	51.87	---	68.20	16.33	500.0	200.0	H	147.0	5.4
4730.125000	---	40.52	54.00	13.48	500.0	200.0	H	153.0	5.6
6747.875000	54.47	---	68.20	13.73	500.0	200.0	V	236.0	8.6
7660.500000	---	42.55	54.00	11.45	500.0	200.0	H	302.0	8.9

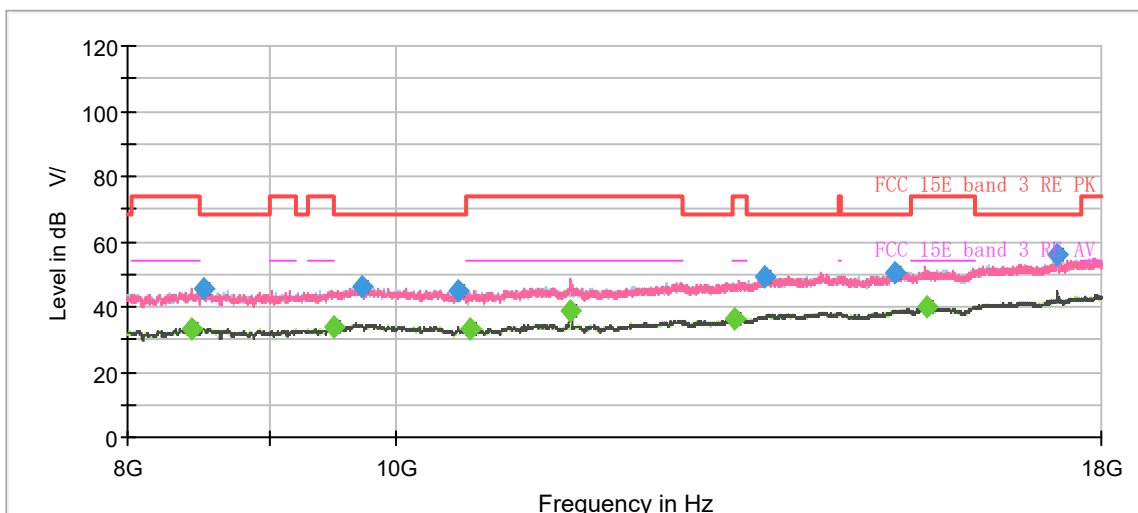
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH157



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



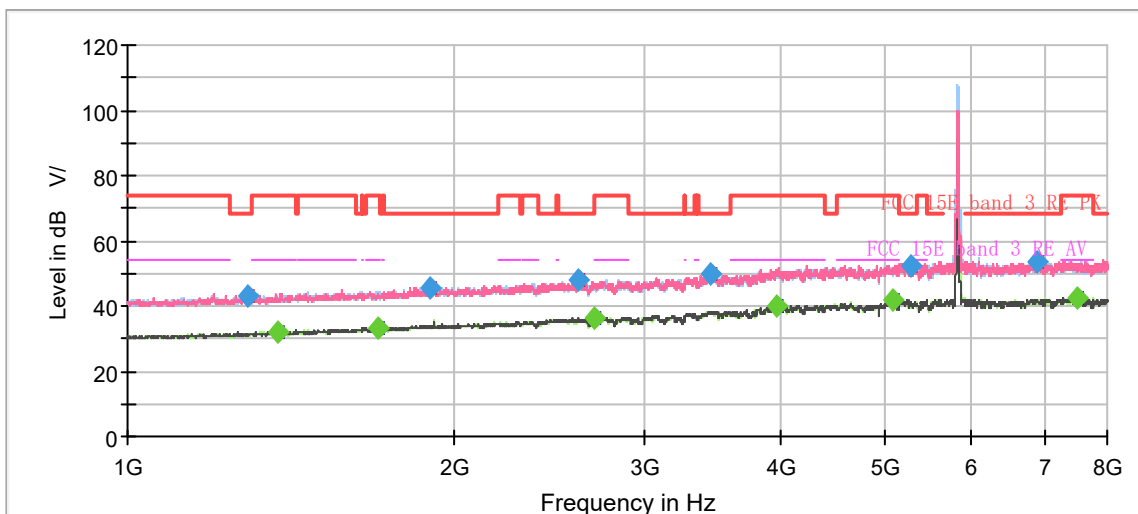
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1199.500000	---	33.16	54.00	20.84	500.0	200.0	H	89.0	-7.7
1280.875000	43.32	---	68.20	24.88	500.0	100.0	V	193.0	-7.3
1440.125000	---	34.78	54.00	19.22	500.0	100.0	H	0.0	-6.2
1947.625000	45.80	---	68.20	22.40	500.0	100.0	V	338.0	-3.7
2624.875000	47.44	---	68.20	20.76	500.0	100.0	V	24.0	-0.6
2723.750000	---	36.42	54.00	17.58	500.0	100.0	V	0.0	-0.1
3380.000000	50.06	---	68.20	18.14	500.0	200.0	V	26.0	2.2
3978.500000	---	39.91	54.00	14.09	500.0	200.0	V	67.0	4.5
4450.125000	51.60	---	68.20	16.60	500.0	200.0	H	78.0	5.3
4736.250000	---	40.25	54.00	13.75	500.0	200.0	H	12.0	5.6
7208.125000	54.70	---	68.20	13.50	500.0	100.0	V	54.0	9.2
7293.000000	---	42.19	54.00	11.81	500.0	100.0	H	172.0	9.3

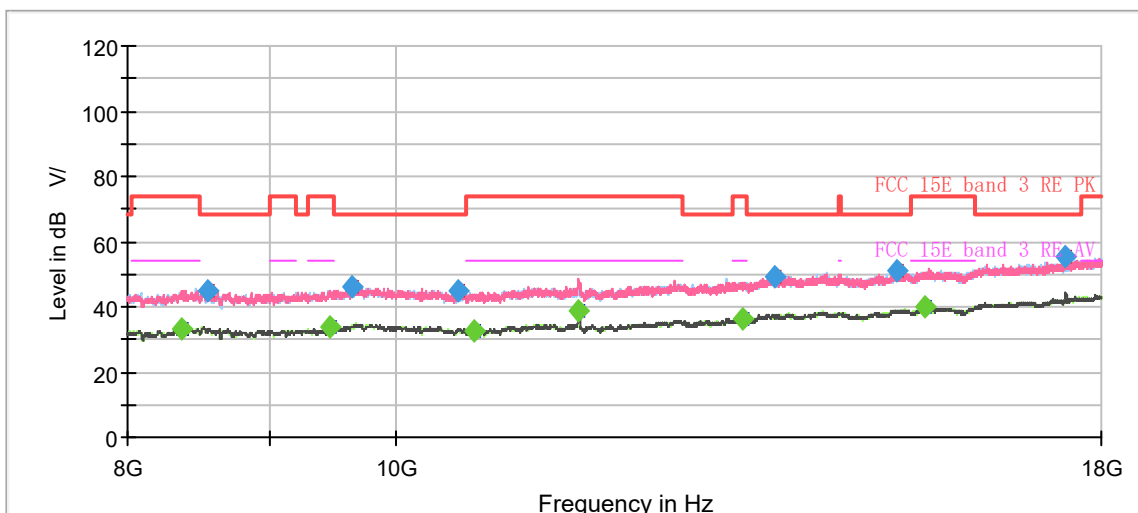
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH165



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



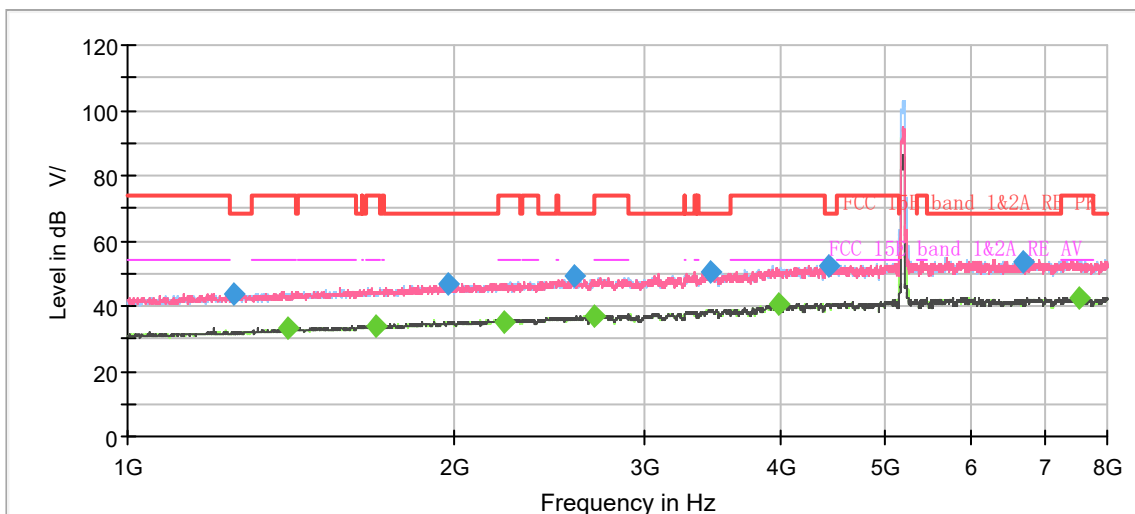
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1289.625000	42.91	---	68.20	25.29	500.0	200.0	H	343.0	-7.2
1377.125000	---	32.08	54.00	21.92	500.0	200.0	V	6.0	-6.6
1700.000000	---	33.17	54.00	20.83	500.0	100.0	H	52.0	-4.9
1900.375000	45.69	---	68.20	22.51	500.0	200.0	V	144.0	-3.9
2601.250000	48.13	---	68.20	20.07	500.0	100.0	V	227.0	-0.7
2693.125000	---	36.44	54.00	17.56	500.0	200.0	V	1.0	-0.1
3443.875000	49.99	---	68.20	18.21	500.0	200.0	V	52.0	2.4
3974.125000	---	39.89	54.00	14.11	500.0	200.0	V	94.0	4.5
5086.250000	---	41.58	54.00	12.42	500.0	200.0	V	335.0	6.9
5276.125000	52.12	---	68.20	16.08	500.0	200.0	V	108.0	7.5
6885.250000	53.43	---	68.20	14.77	500.0	200.0	V	125.0	8.8
7498.625000	---	42.33	54.00	11.67	500.0	200.0	V	6.0	8.9

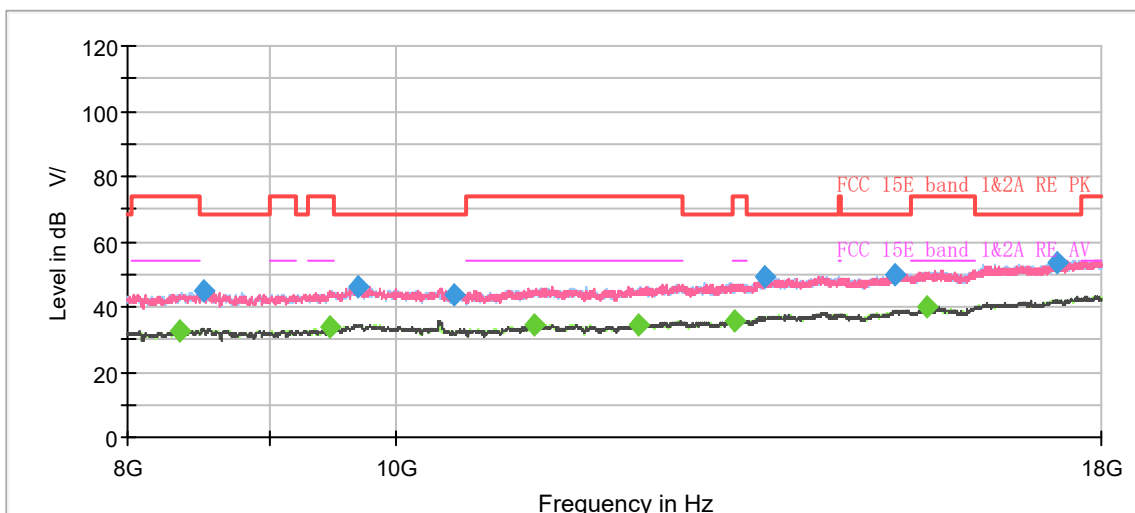
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT40) CH38



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



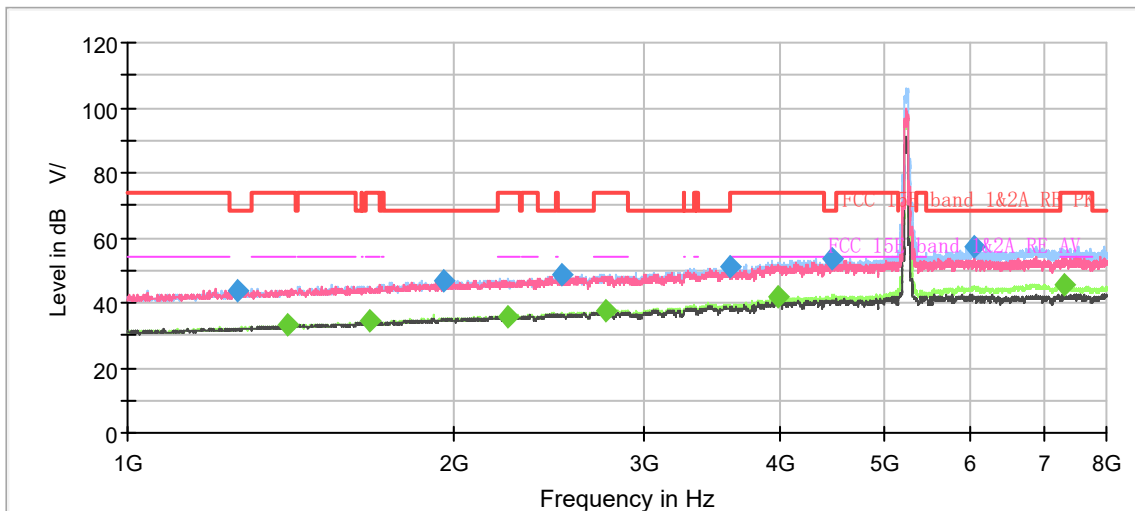
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1253.750000	43.39	---	68.20	24.81	500.0	100.0	V	85.0	-7.4
1403.375000	---	33.07	54.00	20.93	500.0	200.0	V	49.0	-6.5
1697.375000	---	34.11	54.00	19.89	500.0	200.0	V	348.0	-4.9
1973.875000	46.79	---	68.20	21.41	500.0	100.0	V	106.0	-3.6
2224.125000	---	35.16	54.00	18.84	500.0	100.0	V	129.0	-2.5
2578.500000	49.00	---	68.20	19.20	500.0	200.0	H	77.0	-0.8
2692.250000	---	37.10	54.00	16.90	500.0	200.0	V	74.0	-0.1
3445.625000	50.46	---	68.20	17.74	500.0	200.0	V	303.0	2.4
3976.750000	---	40.66	54.00	13.34	500.0	200.0	V	171.0	4.5
4436.125000	52.08	---	68.20	16.12	500.0	200.0	V	317.0	5.3
6701.500000	53.25	---	68.20	14.95	500.0	200.0	V	247.0	8.5
7536.250000	---	42.49	54.00	11.51	500.0	100.0	V	213.0	8.8

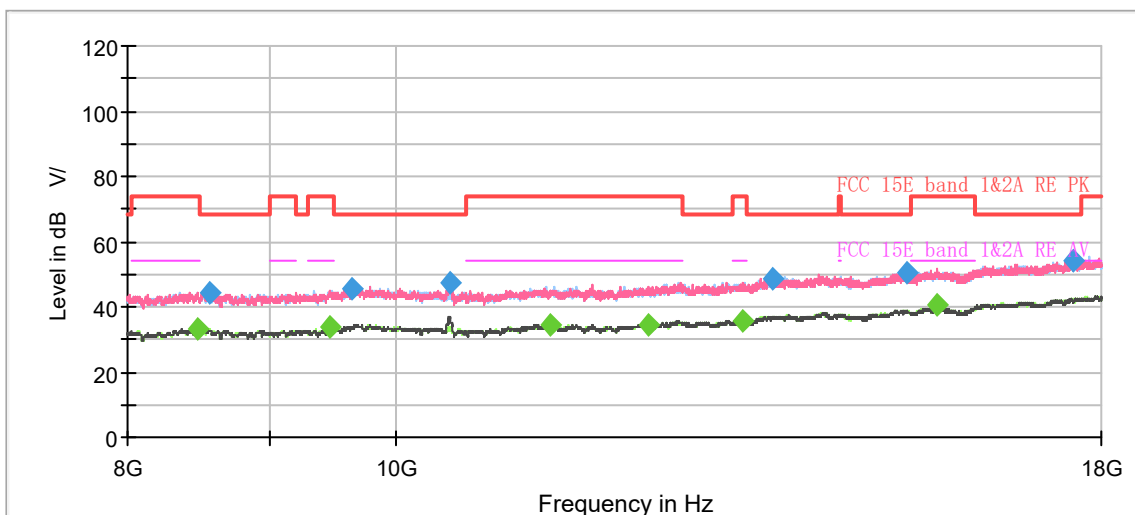
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT40) CH46



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



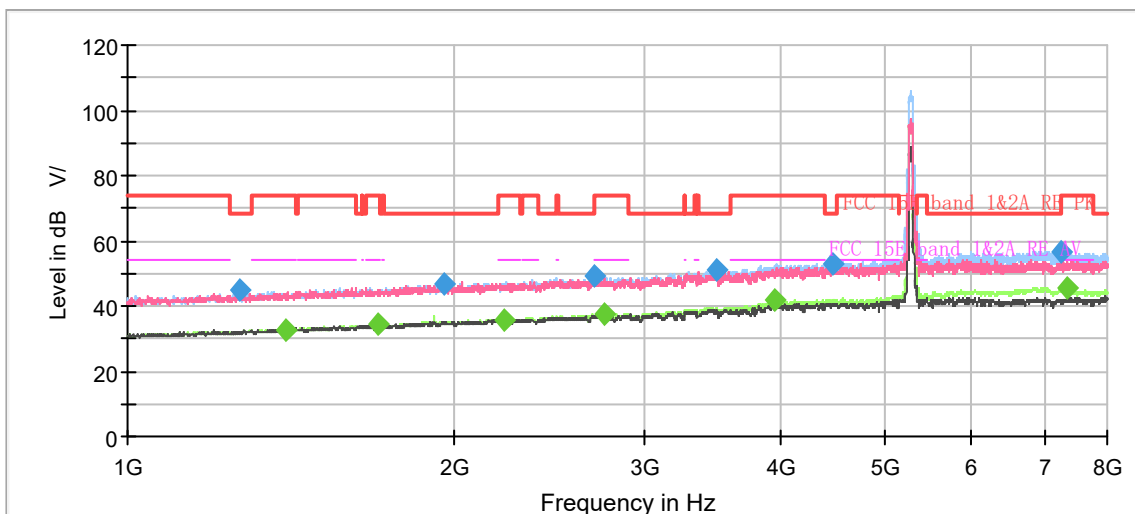
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1263.375000	43.78	---	68.20	24.42	500.0	200.0	H	191.0	-7.4
1403.375000	---	33.01	54.00	20.99	500.0	100.0	V	236.0	-6.5
1671.125000	---	34.18	54.00	19.82	500.0	100.0	H	351.0	-5.1
1956.375000	46.68	---	68.20	21.52	500.0	200.0	V	72.0	-3.6
2242.500000	---	35.39	54.00	18.61	500.0	100.0	H	65.0	-2.4
2512.875000	48.54	---	68.20	19.66	500.0	100.0	H	122.0	-1.1
2764.875000	---	37.55	54.00	16.45	500.0	100.0	H	191.0	-0.1
3590.000000	50.87	---	68.20	17.33	500.0	100.0	H	337.0	2.7
3981.125000	---	41.56	54.00	12.44	500.0	100.0	H	56.0	4.5
4469.375000	53.46	---	68.20	14.74	500.0	100.0	H	158.0	5.4
6029.500000	57.39	---	68.20	10.81	500.0	100.0	H	328.0	8.1
7305.250000	---	45.47	54.00	8.53	500.0	100.0	H	214.0	9.3

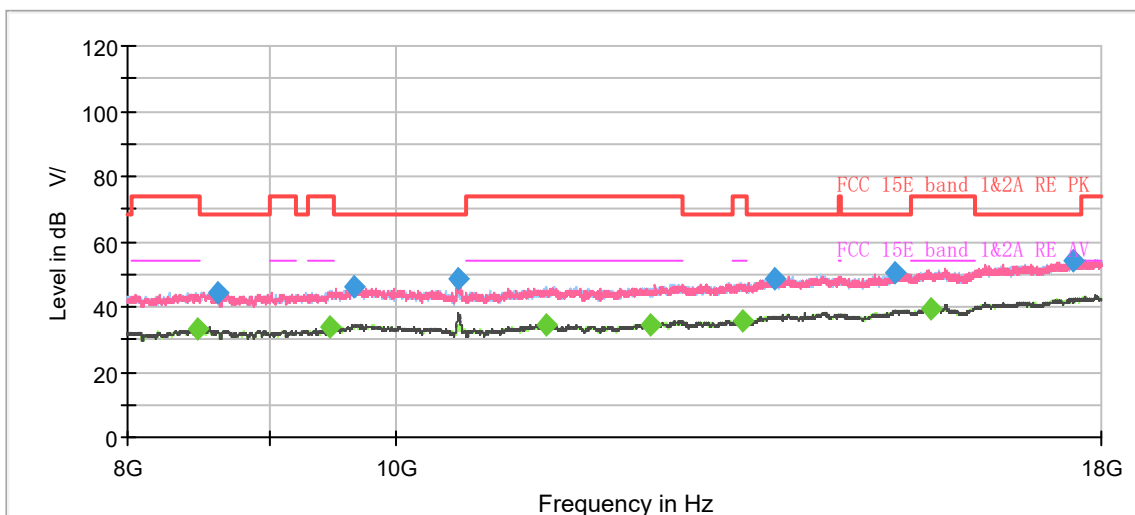
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT40) CH54



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



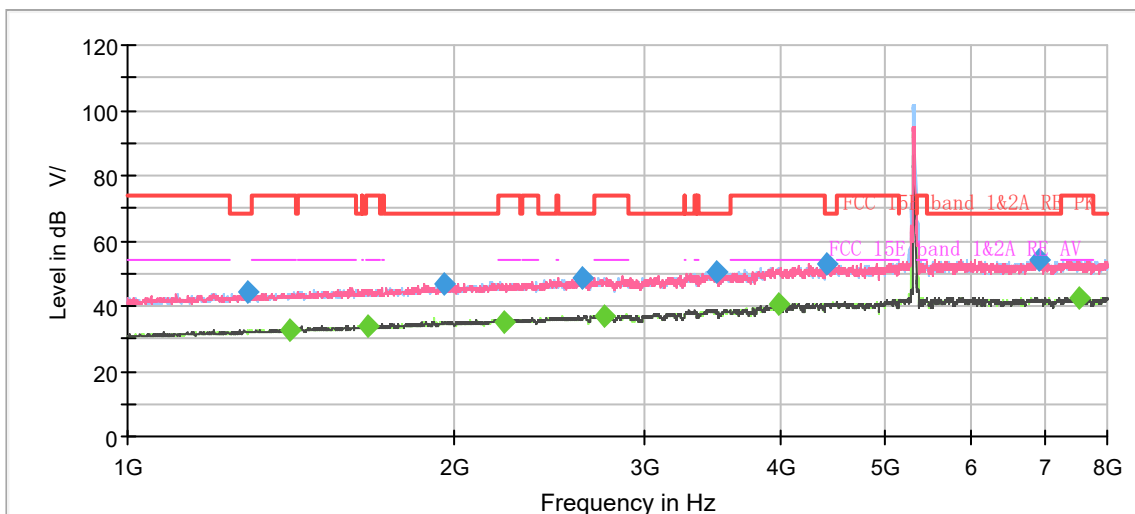
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1268.625000	44.64	---	68.20	23.56	500.0	200.0	H	0.0	-7.3
1399.000000	---	32.89	54.00	21.11	500.0	200.0	V	0.0	-6.5
1698.250000	---	34.17	54.00	19.83	500.0	100.0	H	350.0	-4.9
1955.500000	46.92	---	68.20	21.28	500.0	100.0	H	327.0	-3.7
2227.625000	---	35.87	54.00	18.13	500.0	100.0	H	267.0	-2.5
2688.750000	49.03	---	68.20	19.17	500.0	100.0	H	359.0	-0.2
2748.250000	---	37.44	54.00	16.56	500.0	100.0	H	295.0	-0.1
3488.500000	50.77	---	68.20	17.43	500.0	100.0	H	332.0	2.5
3956.625000	---	41.76	54.00	12.24	500.0	100.0	H	84.0	4.4
4472.875000	53.17	---	68.20	15.03	500.0	100.0	H	219.0	5.4
7243.125000	56.89	---	68.20	11.31	500.0	100.0	H	308.0	9.2
7347.250000	---	45.47	54.00	8.53	500.0	100.0	H	262.0	9.3

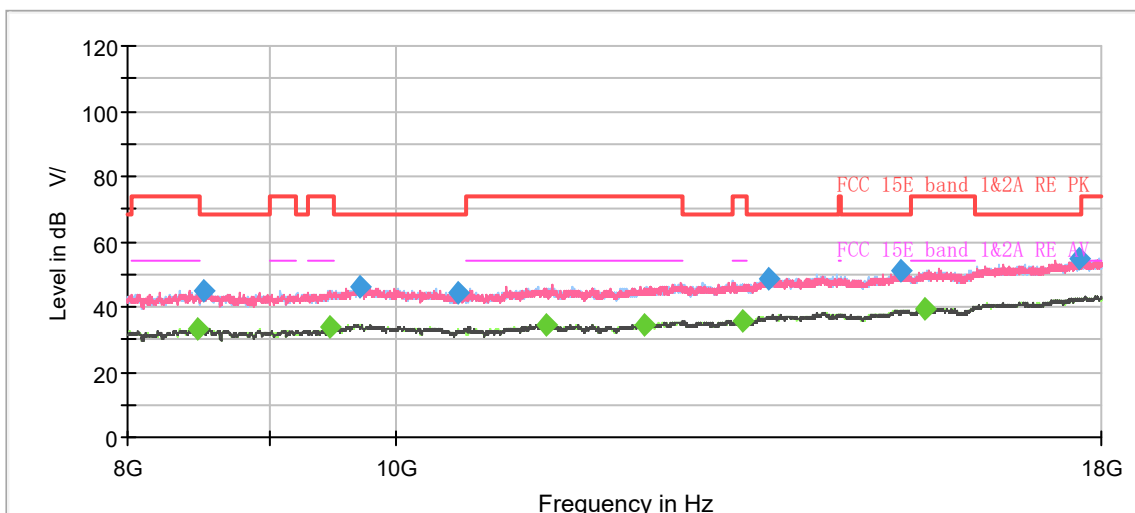
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT40) CH62



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



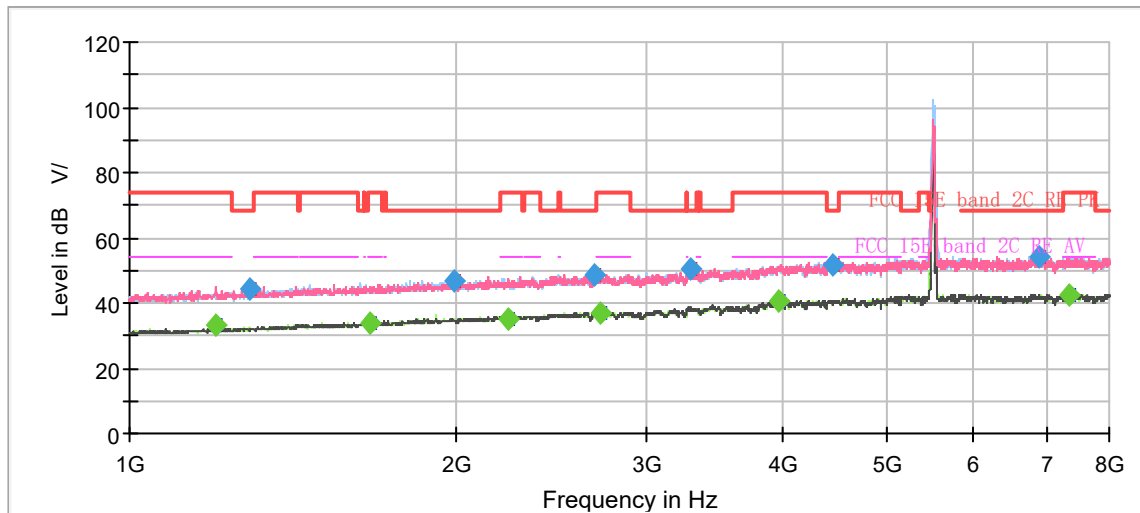
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1289.625000	44.13	---	68.20	24.07	500.0	200.0	H	14.0	-7.2
1413.000000	---	32.79	54.00	21.21	500.0	200.0	V	244.0	-6.4
1663.250000	---	33.88	54.00	20.12	500.0	200.0	V	229.0	-5.1
1959.000000	46.68	---	68.20	21.52	500.0	100.0	V	340.0	-3.6
2225.000000	---	35.31	54.00	18.69	500.0	200.0	V	49.0	-2.5
2625.750000	48.52	---	68.20	19.68	500.0	100.0	V	260.0	-0.5
2753.500000	---	37.06	54.00	16.94	500.0	100.0	V	55.0	-0.1
3494.625000	50.44	---	68.20	17.76	500.0	100.0	V	6.0	2.5
3988.125000	---	40.36	54.00	13.64	500.0	200.0	H	33.0	4.5
4415.125000	52.75	---	68.20	15.45	500.0	100.0	V	26.0	5.2
6934.250000	54.12	---	68.20	14.08	500.0	200.0	V	264.0	8.8
7527.500000	---	42.44	54.00	11.56	500.0	200.0	V	172.0	8.8

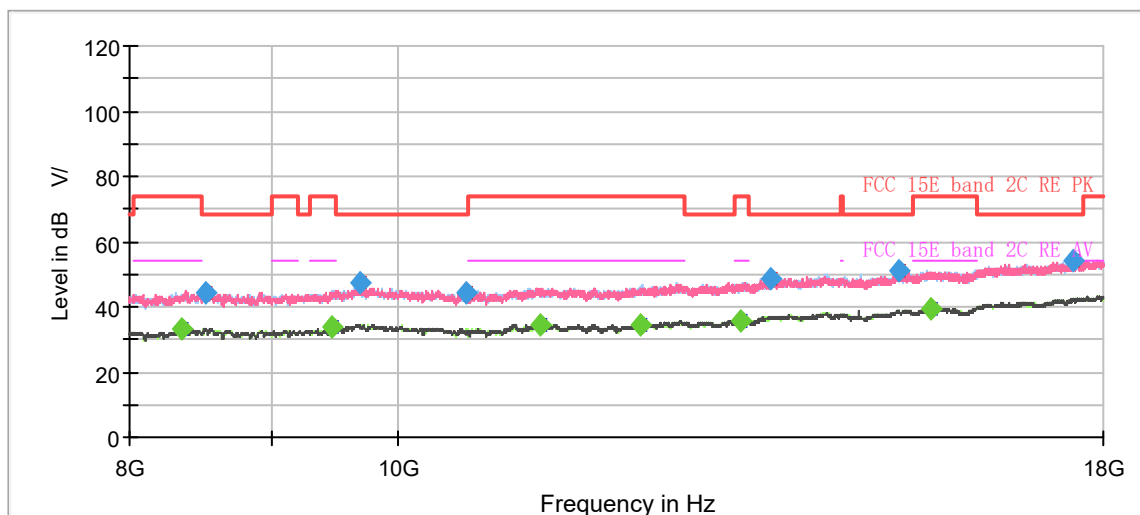
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT40) CH102



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



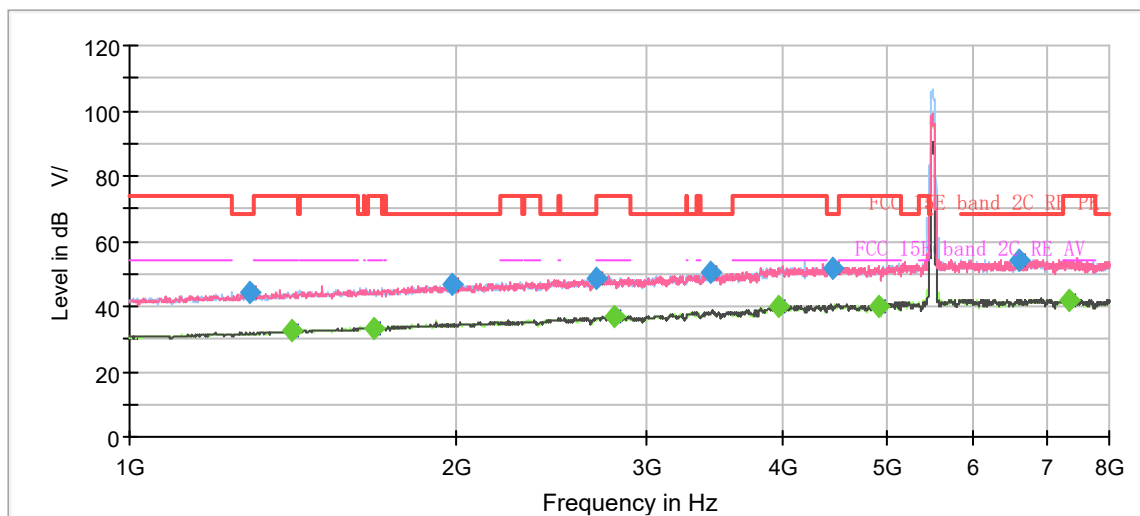
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1199.500000	---	33.02	54.00	20.98	500.0	100.0	V	262.0	-7.7
1293.125000	44.36	---	68.20	23.84	500.0	200.0	H	112.0	-7.2
1668.500000	---	34.03	54.00	19.97	500.0	200.0	H	51.0	-5.1
1991.375000	46.83	---	68.20	21.37	500.0	200.0	V	233.0	-3.5
2235.500000	---	35.28	54.00	18.72	500.0	100.0	V	217.0	-2.4
2686.125000	48.45	---	68.20	19.75	500.0	100.0	V	68.0	-0.2
2717.625000	---	37.19	54.00	16.81	500.0	200.0	V	276.0	-0.1
3293.375000	50.67	---	68.20	17.53	500.0	200.0	H	202.0	1.8
3966.250000	---	40.52	54.00	13.48	500.0	100.0	H	258.0	4.5
4443.125000	51.76	---	68.20	16.44	500.0	200.0	V	156.0	5.3
6883.500000	54.26	---	68.20	13.94	500.0	200.0	V	229.0	8.8
7339.375000	---	42.65	54.00	11.35	500.0	200.0	V	151.0	9.3

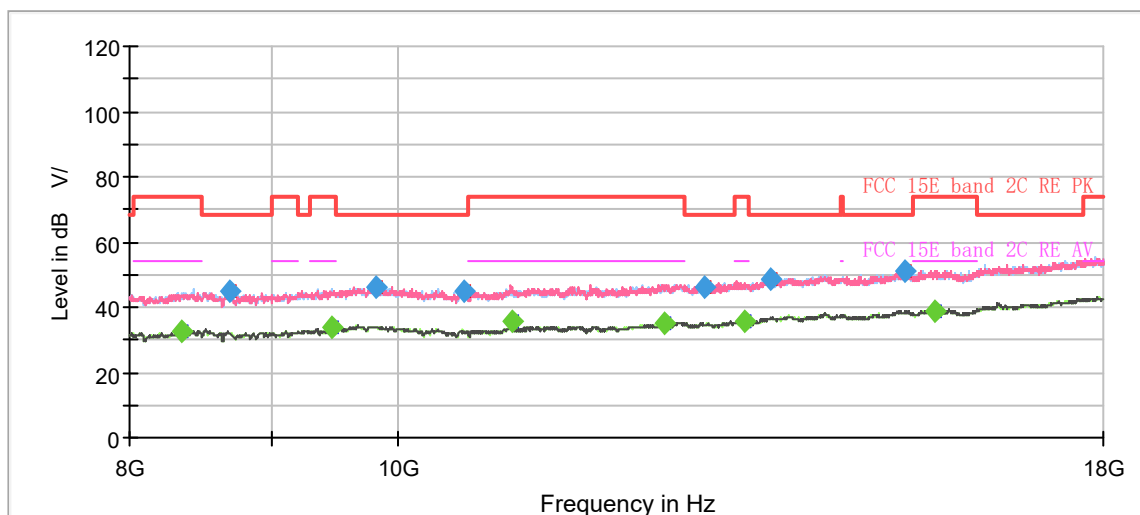
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT40) CH110



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



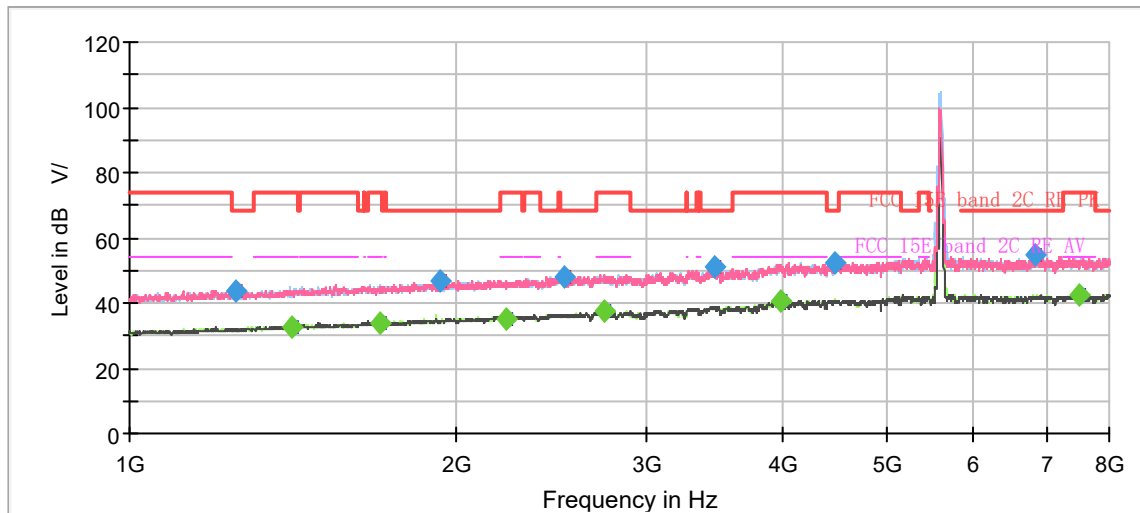
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1292.250000	44.51	---	68.20	23.69	500.0	100.0	V	183.0	-7.2
1413.000000	---	32.39	54.00	21.61	500.0	200.0	V	51.0	-6.4
1677.250000	---	33.51	54.00	20.49	500.0	200.0	V	230.0	-5.0
1980.000000	46.84	---	68.20	21.36	500.0	100.0	V	108.0	-3.5
2688.750000	48.62	---	68.20	19.58	500.0	200.0	H	263.0	-0.2
2800.750000	---	36.72	54.00	17.28	500.0	100.0	V	192.0	0.0
3430.750000	50.32	---	68.20	17.88	500.0	100.0	H	350.0	2.3
3968.000000	---	39.89	54.00	14.11	500.0	100.0	V	238.0	4.5
4444.000000	51.90	---	68.20	16.30	500.0	200.0	V	350.0	5.3
4911.250000	---	40.14	54.00	13.86	500.0	100.0	H	275.0	6.1
6603.500000	54.35	---	68.20	13.85	500.0	200.0	H	11.0	8.3
7338.500000	---	42.14	54.00	11.86	500.0	200.0	H	42.0	9.3

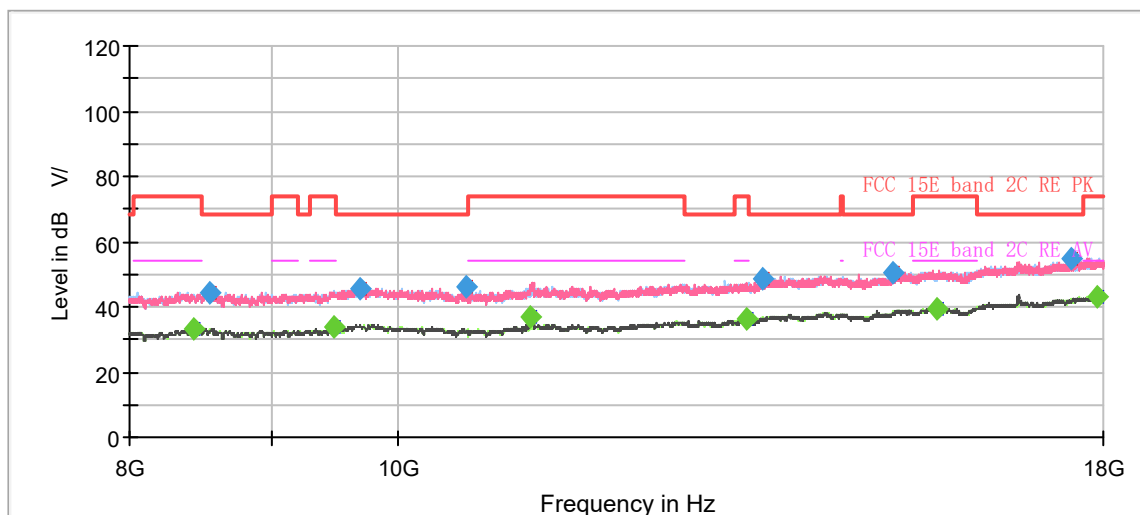
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT40) CH118



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



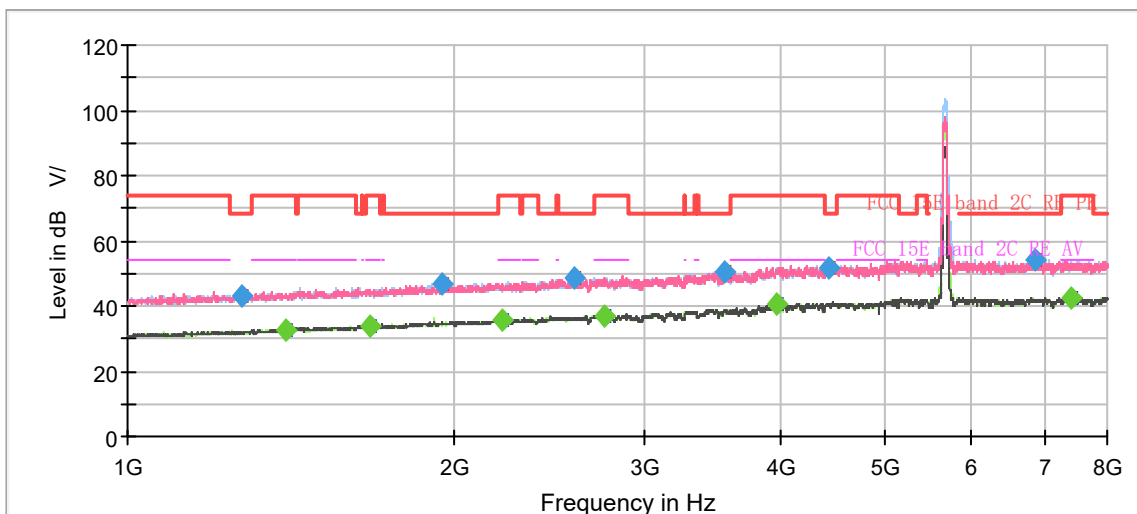
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1252.875000	43.97	---	68.20	24.23	500.0	200.0	H	134.0	-7.4
1413.000000	---	32.75	54.00	21.25	500.0	200.0	V	284.0	-6.4
1703.500000	---	33.87	54.00	20.13	500.0	100.0	V	119.0	-4.9
1933.625000	46.85	---	68.20	21.35	500.0	200.0	V	264.0	-3.8
2223.250000	---	35.32	54.00	18.68	500.0	200.0	V	36.0	-2.5
2511.125000	48.10	---	68.20	20.10	500.0	100.0	V	46.0	-1.1
2741.250000	---	37.34	54.00	16.66	500.0	200.0	V	259.0	-0.1
3457.875000	50.85	---	68.20	17.35	500.0	100.0	H	289.0	2.4
3982.000000	---	40.42	54.00	13.58	500.0	100.0	V	104.0	4.5
4468.500000	52.40	---	68.20	15.80	500.0	200.0	V	240.0	5.4
6834.500000	54.64	---	68.20	13.56	500.0	100.0	H	266.0	8.7
7496.875000	---	42.47	54.00	11.53	500.0	200.0	V	284.0	8.9

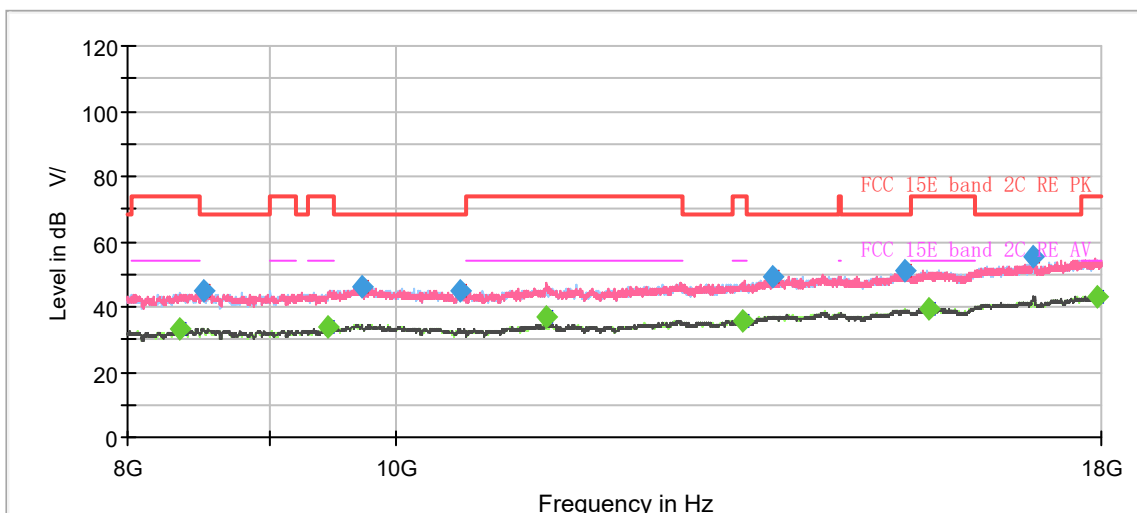
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT40) CH134



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



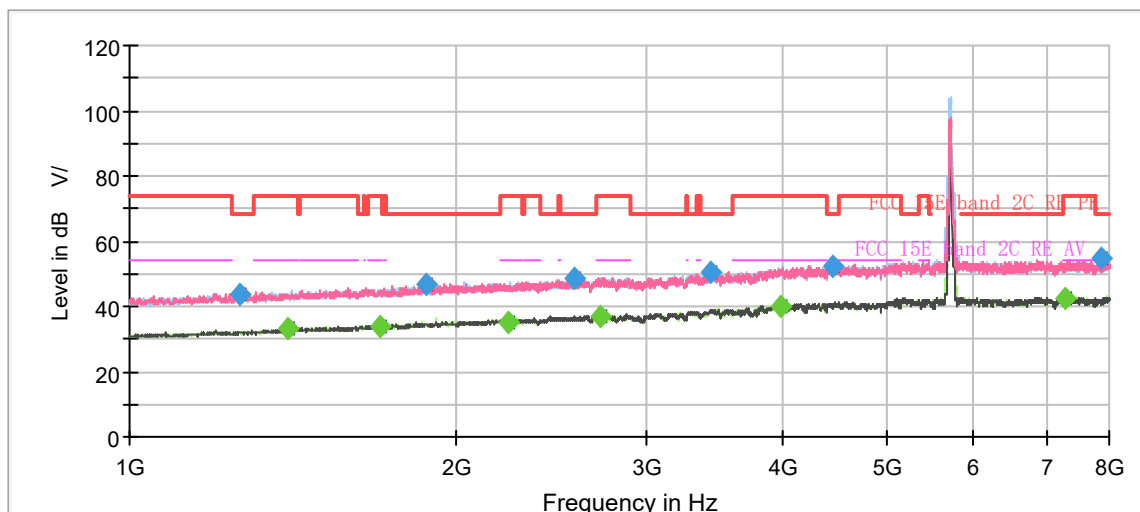
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1273.000000	43.26	---	68.20	24.94	500.0	100.0	V	0.0	-7.3
1396.375000	---	32.82	54.00	21.18	500.0	200.0	H	173.0	-6.5
1672.875000	---	33.92	54.00	20.08	500.0	200.0	V	203.0	-5.0
1952.875000	46.64	---	68.20	21.56	500.0	100.0	V	76.0	-3.7
2218.000000	---	35.39	54.00	18.61	500.0	100.0	H	252.0	-2.5
2582.875000	48.87	---	68.20	19.33	500.0	200.0	V	207.0	-0.8
2751.750000	---	37.06	54.00	16.94	500.0	100.0	H	272.0	-0.1
3557.625000	50.39	---	68.20	17.81	500.0	200.0	V	272.0	2.6
3961.875000	---	40.58	54.00	13.42	500.0	200.0	V	0.0	4.4
4423.875000	51.96	---	68.20	16.24	500.0	200.0	V	216.0	5.2
6867.750000	54.22	---	68.20	13.98	500.0	200.0	H	163.0	8.8
7408.500000	---	42.67	54.00	11.33	500.0	200.0	V	334.0	9.3

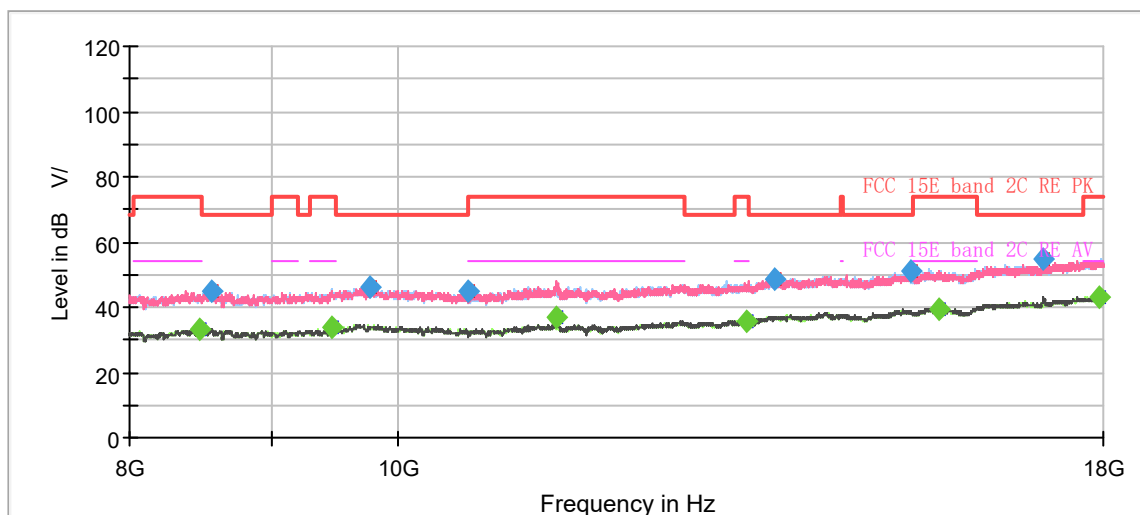
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT40) CH142



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



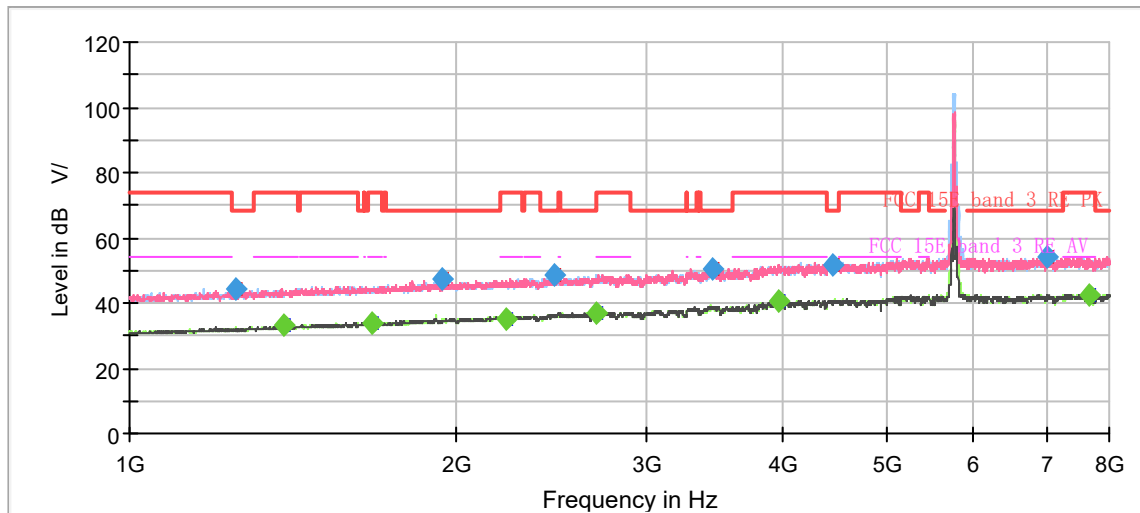
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1266.000000	43.98	---	68.20	24.22	500.0	100.0	H	200.0	-7.4
1398.125000	---	33.06	54.00	20.94	500.0	200.0	V	288.0	-6.5
1704.375000	---	33.90	54.00	20.10	500.0	100.0	H	118.0	-4.9
1874.125000	47.05	---	68.20	21.15	500.0	100.0	H	9.0	-4.0
2232.000000	---	35.24	54.00	18.76	500.0	200.0	H	6.0	-2.4
2568.875000	48.61	---	68.20	19.59	500.0	100.0	H	265.0	-0.9
2722.000000	---	37.13	54.00	16.87	500.0	200.0	H	233.0	-0.1
3439.500000	50.65	---	68.20	17.55	500.0	100.0	V	42.0	2.3
3980.250000	---	40.28	54.00	13.72	500.0	200.0	H	99.0	4.5
4440.500000	52.34	---	68.20	15.86	500.0	200.0	H	45.0	5.3
7288.625000	---	42.46	54.00	11.54	500.0	200.0	H	40.0	9.3
7848.625000	54.72	---	68.20	13.48	500.0	200.0	H	228.0	8.9

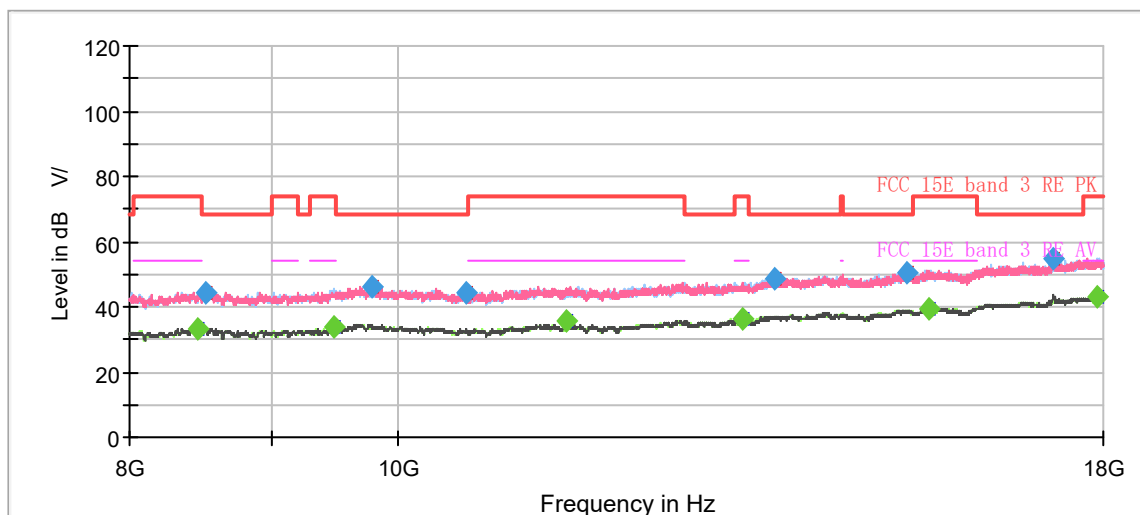
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT40) CH151



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



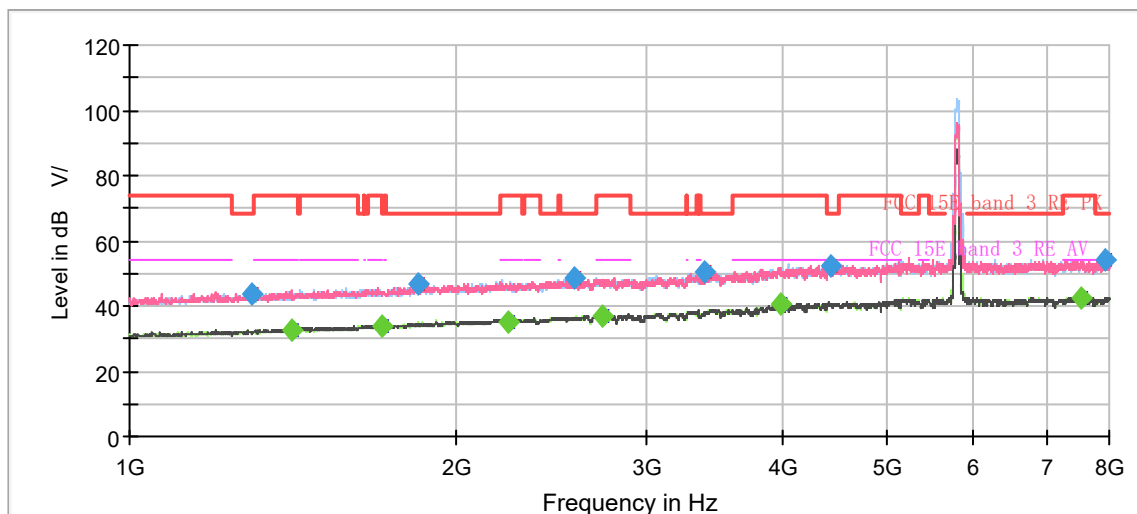
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1253.750000	44.49	---	68.20	23.71	500.0	200.0	H	276.0	-7.4
1390.250000	---	33.02	54.00	20.98	500.0	200.0	V	343.0	-6.6
1672.000000	---	34.05	54.00	19.95	500.0	100.0	V	220.0	-5.1
1938.000000	47.15	---	68.20	21.05	500.0	200.0	H	226.0	-3.8
2225.000000	---	35.27	54.00	18.73	500.0	200.0	H	221.0	-2.5
2460.375000	48.39	---	68.20	19.81	500.0	200.0	H	320.0	-1.3
2695.750000	---	37.10	54.00	16.90	500.0	100.0	V	125.0	-0.1
3445.625000	50.52	---	68.20	17.68	500.0	100.0	H	22.0	2.4
3959.250000	---	40.37	54.00	13.63	500.0	200.0	H	86.0	4.4
4443.125000	51.50	---	68.20	16.70	500.0	100.0	V	253.0	5.3
7013.000000	54.15	---	68.20	14.05	500.0	100.0	H	108.0	8.9
7673.625000	---	42.60	54.00	11.40	500.0	100.0	H	55.0	8.9

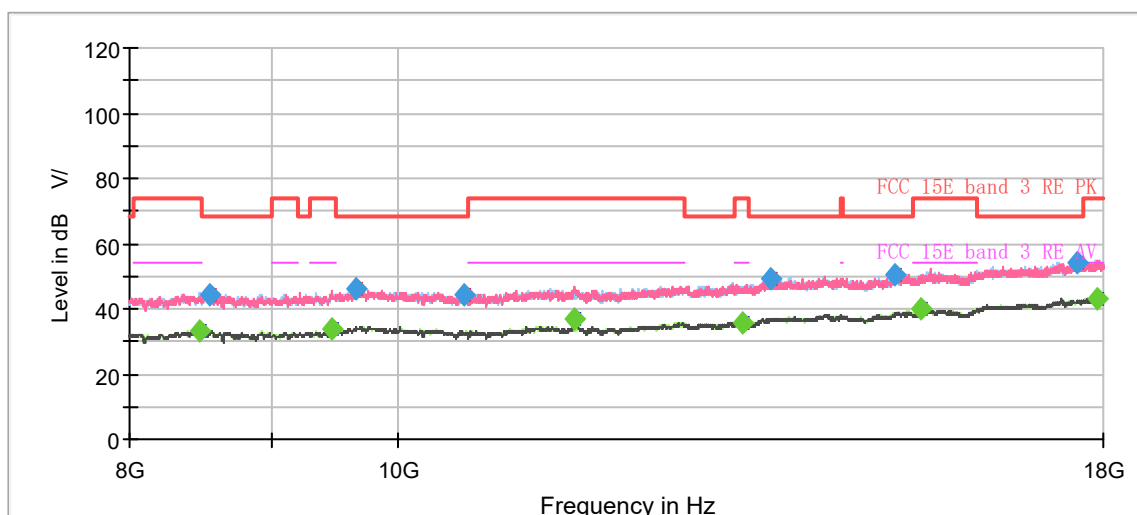
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT40) CH159



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



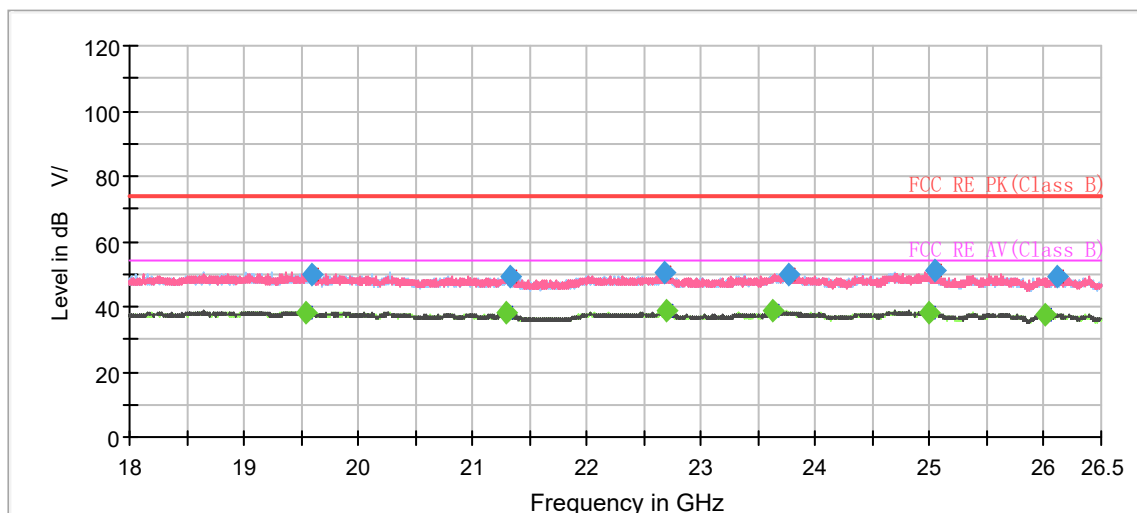
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1294.875000	43.80	---	68.20	24.40	500.0	200.0	V	280.0	-7.2
1412.125000	---	32.87	54.00	21.13	500.0	200.0	V	121.0	-6.4
1705.250000	---	34.09	54.00	19.91	500.0	200.0	H	210.0	-4.9
1847.000000	46.57	---	68.20	21.63	500.0	100.0	V	289.0	-4.2
2229.375000	---	35.28	54.00	18.72	500.0	200.0	H	83.0	-2.5
2568.000000	48.32	---	68.20	19.88	500.0	100.0	V	279.0	-0.9
2727.250000	---	37.00	54.00	17.00	500.0	100.0	V	334.0	-0.1
3384.375000	50.27	---	68.20	17.93	500.0	200.0	V	33.0	2.2
3989.875000	---	40.46	54.00	13.54	500.0	200.0	V	305.0	4.5
4426.500000	52.26	---	68.20	15.94	500.0	200.0	H	181.0	5.2
7530.125000	---	42.48	54.00	11.52	500.0	200.0	V	57.0	8.8
7944.875000	54.05	---	68.20	14.15	500.0	200.0	H	326.0	9.1

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 52 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.

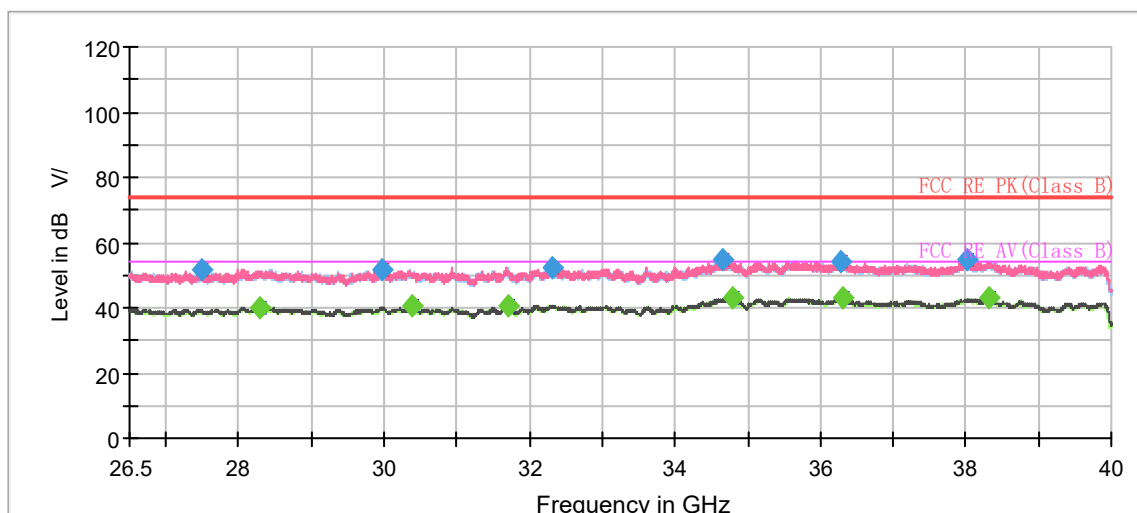


Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
19550.187500	---	38.30	54.00	15.70	500.0	200.0	V	217.0	-5.3
19594.812500	50.02	---	74.00	23.98	500.0	200.0	V	303.0	-5.3
21299.062500	---	37.88	54.00	16.12	500.0	200.0	V	160.0	-5.2
21326.687500	49.50	---	74.00	24.50	500.0	100.0	H	213.0	-5.2
22686.687500	50.61	---	74.00	23.39	500.0	200.0	H	270.0	-4.0
22688.812500	---	38.50	54.00	15.50	500.0	100.0	H	268.0	-4.0
23628.062500	---	38.62	54.00	15.38	500.0	200.0	V	309.0	-2.7
23768.312500	49.92	---	74.00	24.08	500.0	200.0	V	319.0	-2.4
24989.125000	---	38.32	54.00	15.68	500.0	200.0	H	0.0	-2.5
25052.875000	51.14	---	74.00	22.86	500.0	100.0	V	86.0	-2.6
26001.687500	---	37.26	54.00	16.74	500.0	100.0	H	179.0	-2.5
26113.250000	49.26	---	74.00	24.74	500.0	200.0	V	323.0	-2.4

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 (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
27493.937500	51.74	---	74.00	22.26	500.0	200.0	V	359.0	-1.0
28285.375000	---	40.10	54.00	13.90	500.0	200.0	H	111.0	0.0
29979.625000	52.00	---	74.00	22.00	500.0	200.0	H	221.0	-0.4
30372.812500	---	40.37	54.00	13.63	500.0	200.0	H	279.0	-0.6
31697.500000	---	40.90	54.00	13.10	500.0	100.0	H	0.0	-1.7
32299.937500	52.28	---	74.00	21.72	500.0	100.0	V	107.0	-1.2
34659.062500	54.64	---	74.00	19.36	500.0	100.0	V	6.0	2.9
34789.000000	---	43.07	54.00	10.93	500.0	100.0	V	44.0	3.0
36290.875000	53.96	---	74.00	20.04	500.0	200.0	V	214.0	3.4
36306.062500	---	42.79	54.00	11.21	500.0	100.0	V	135.0	3.4
38025.625000	54.58	---	74.00	19.42	500.0	100.0	H	0.0	3.7
38329.375000	---	42.99	54.00	11.01	500.0	200.0	V	293.0	3.7

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

2. Margin = Limit-MAX Peak/ Average

5.6. Conducted Emission

Ambient condition

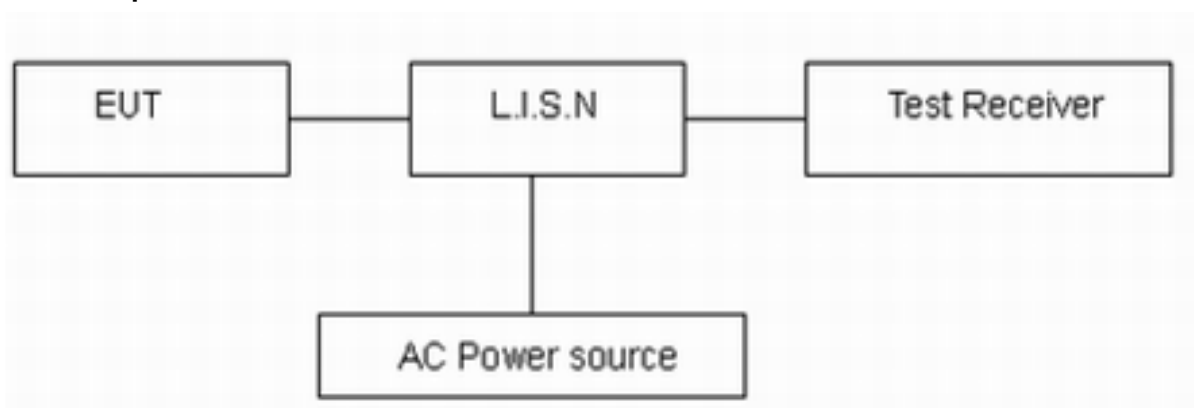
Temperature	Relative humidity
23°C ~25°C	45%~50%

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

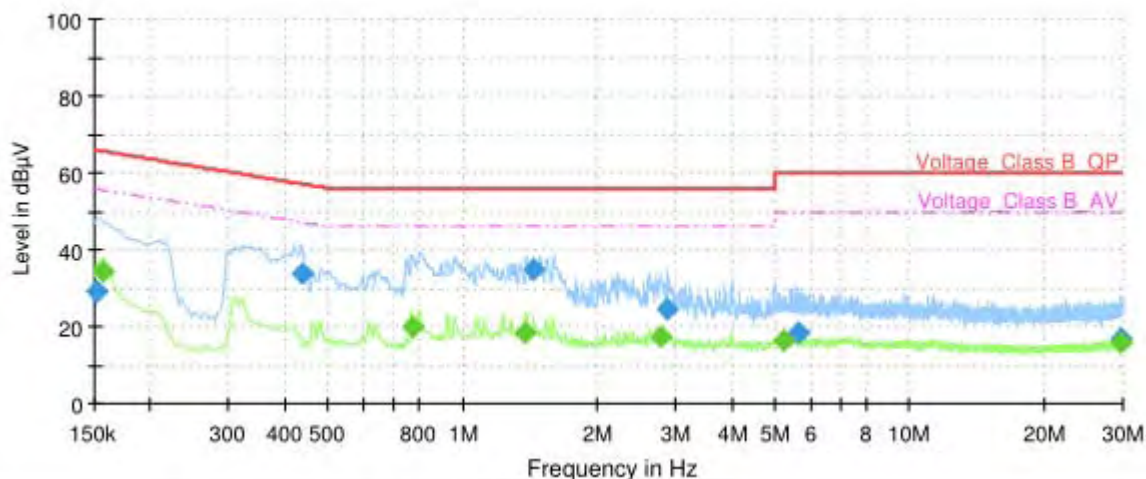
Frequency (MHz)	Conducted Limits(dB μ V)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56 *	56 to 46*
0.5 - 5	56	46
5 - 30	60	50
*: Decreases with the logarithm of the frequency.		

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:

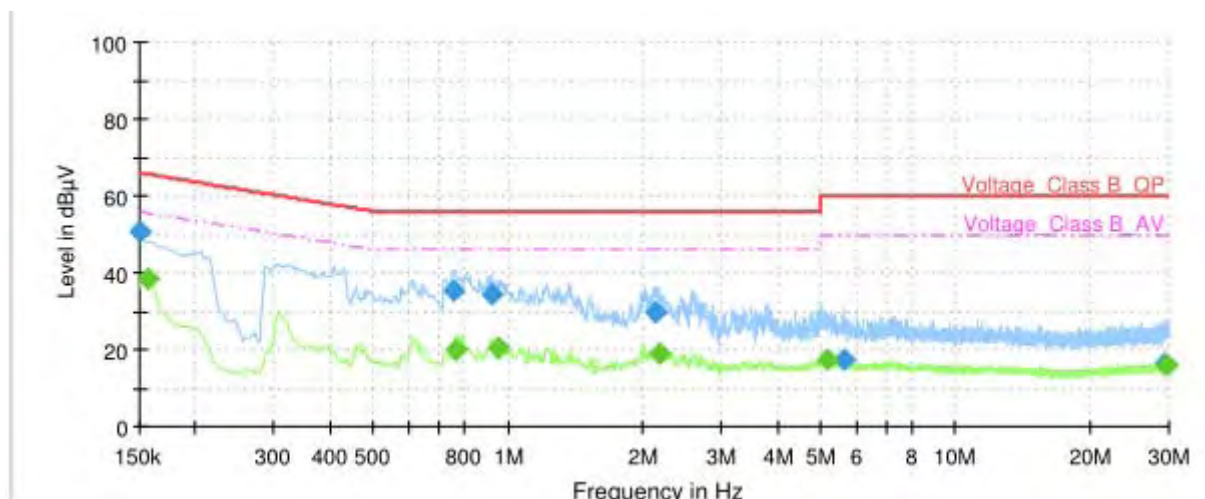
Following plots, Blue trace uses the peak detection and Green trace uses the average detection. During the test, the Conducted Emission was performed in all modes with all channels, 802.11a, Channel 52 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.



Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.15	29.30	---	65.88	36.58	1000.0	9.000	L1	ON	21.0
0.16	---	34.27	55.63	21.36	1000.0	9.000	L1	ON	21.0
0.44	34.05	---	57.14	23.09	1000.0	9.000	L1	ON	20.9
0.77	---	19.78	46.00	26.22	1000.0	9.000	L1	ON	20.4
1.39	---	18.50	46.00	27.50	1000.0	9.000	L1	ON	20.0
1.44	34.88	---	56.00	21.12	1000.0	9.000	L1	ON	19.9
2.77	---	17.23	46.00	28.77	1000.0	9.000	L1	ON	19.6
2.88	24.52	---	56.00	31.48	1000.0	9.000	L1	ON	19.6
5.22	---	16.40	50.00	33.60	1000.0	9.000	L1	ON	19.5
5.62	18.47	---	60.00	41.53	1000.0	9.000	L1	ON	19.5
29.51	---	15.65	50.00	34.35	1000.0	9.000	L1	ON	19.7
29.82	16.96	---	60.00	43.04	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)
0.15	50.61	---	66.00	15.39	1000.0	9.000	N	ON	21.0
0.16	---	38.22	55.63	17.41	1000.0	9.000	N	ON	21.0
0.76	35.28	---	56.00	20.72	1000.0	9.000	N	ON	20.5
0.76	---	20.13	46.00	25.87	1000.0	9.000	N	ON	20.4
0.92	34.50	---	56.00	21.50	1000.0	9.000	N	ON	20.3
0.95	---	20.28	46.00	25.72	1000.0	9.000	N	ON	20.3
2.14	29.56	---	56.00	26.44	1000.0	9.000	N	ON	19.7
2.17	---	18.88	46.00	27.12	1000.0	9.000	N	ON	19.7
5.18	---	17.38	50.00	32.62	1000.0	9.000	N	ON	19.5
5.64	17.34	---	60.00	42.66	1000.0	9.000	N	ON	19.5
29.37	16.53	---	60.00	43.47	1000.0	9.000	N	ON	19.7
29.81	---	15.85	50.00	34.15	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+	2205D0517232	2022-12-10	2023-12-09
TEMPERATURE CHAMBER	ESPEC	SU-242	93000506	2022-12-10	2023-12-09
Unwanted Emissions					
EMI Test Receiver	R&S	ESR	102389	2023-05-12	2024-05-11
Signal Analyzer	R&S	FSV40	100816	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	2023-07-14	2026-07-13
Horn Antenna	Schwarzbeck	BBHA 9120D	430	2021-07-26	2024-07-25
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 Emissions					
EMI Test Receiver	R&S	ESR	101667	2023-05-12	2024-05-11
Artificial main network	R&S	ENV216	102191	2022-12-13	2024-12-09
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 *****