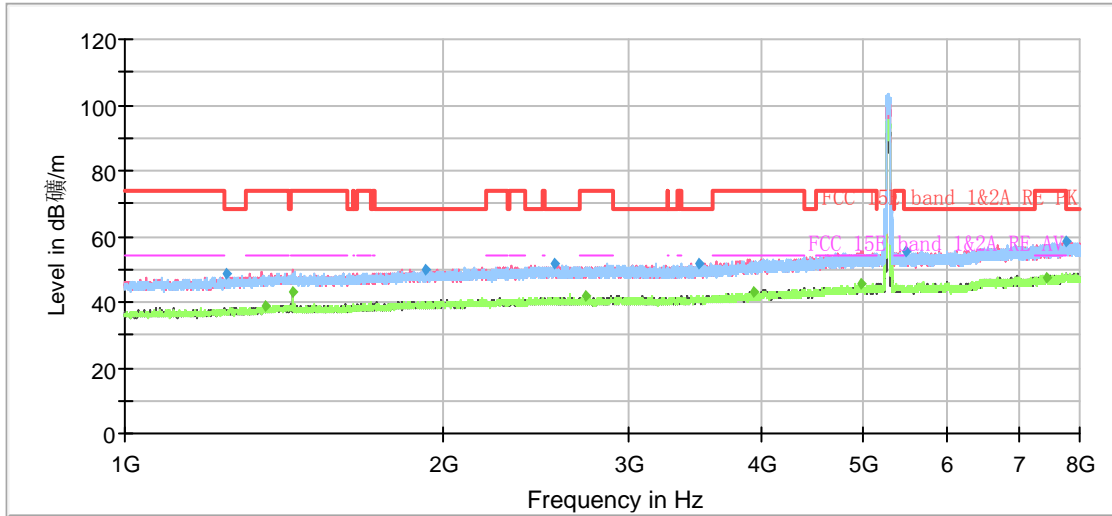




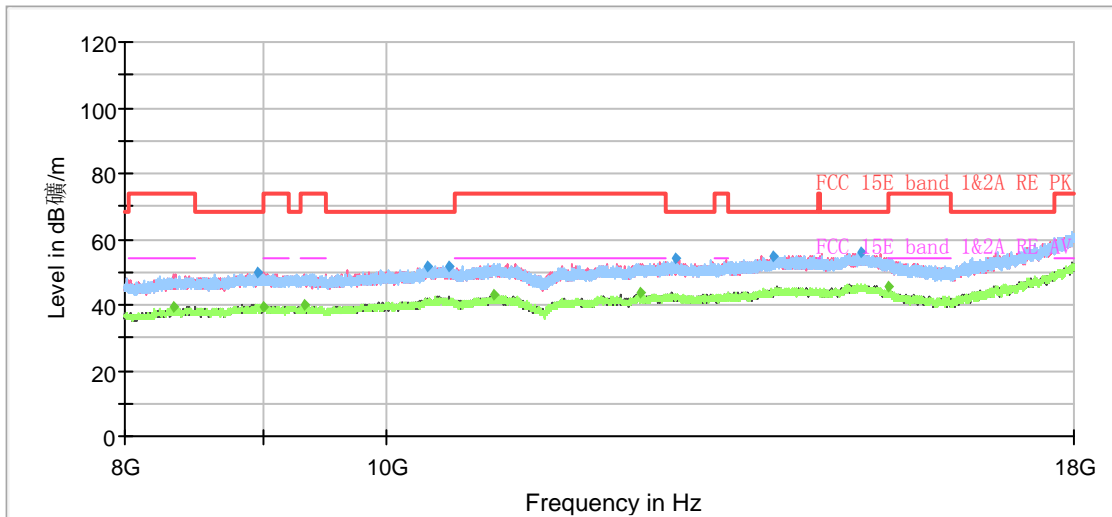
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1256.666667	48.39	---	68.20	19.81	200.0	H	204.0	-8
1407.166667	---	39.68	54.00	14.32	100.0	V	121.0	-7
1440.766667	---	42.88	54.00	11.12	200.0	V	1.0	-7
1970.900000	50.36	---	68.20	17.84	100.0	H	178.0	-5
2628.666667	51.59	---	68.20	16.61	100.0	H	31.0	-4
2690.266667	---	41.66	54.00	12.34	100.0	V	230.0	-4
3590.233333	51.99	---	68.20	16.21	200.0	V	5.0	-3
3997.166667	---	43.02	54.00	10.98	200.0	V	138.0	-1
5108.766667	---	45.78	54.00	8.22	100.0	H	336.0	2
5603.900000	55.08	---	68.20	13.12	100.0	V	52.0	3
7430.200000	---	47.86	54.00	6.14	200.0	H	95.0	7
7953.333333	58.34	---	68.20	9.86	200.0	H	0.0	8

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

802.11ac (VHT40) CH54



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



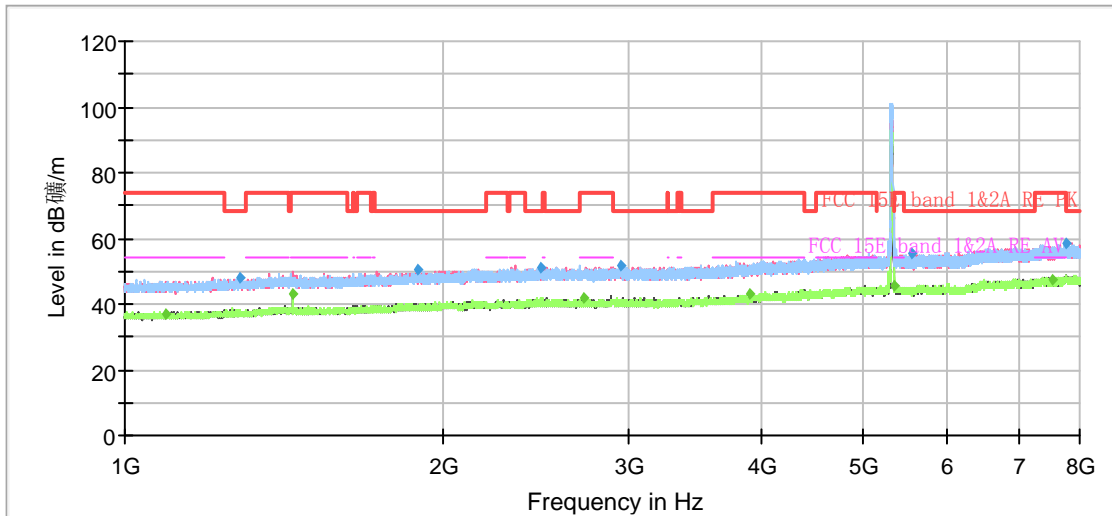
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1245.466667	48.42	---	68.20	19.78	200.0	H	272.0	-8
1355.600000	---	38.89	54.00	15.11	200.0	V	198.0	-7
1440.300000	---	42.86	54.00	11.14	200.0	V	17.0	-7
1927.266667	49.97	---	68.20	18.23	200.0	V	51.0	-5
2548.866667	51.53	---	68.20	16.67	100.0	V	355.0	-4
2723.166667	---	41.58	54.00	12.42	100.0	V	346.0	-4
3494.333333	51.83	---	68.20	16.37	100.0	V	313.0	-3
3934.166667	---	43.09	54.00	10.91	100.0	V	0.0	-2
4959.433333	---	45.46	54.00	8.54	200.0	V	117.0	2
5484.900000	55.15	---	68.20	13.05	100.0	H	52.0	3
7445.133333	---	47.28	54.00	6.72	200.0	V	10.0	7
7763.166667	58.72	---	68.20	9.48	200.0	H	124.0	7

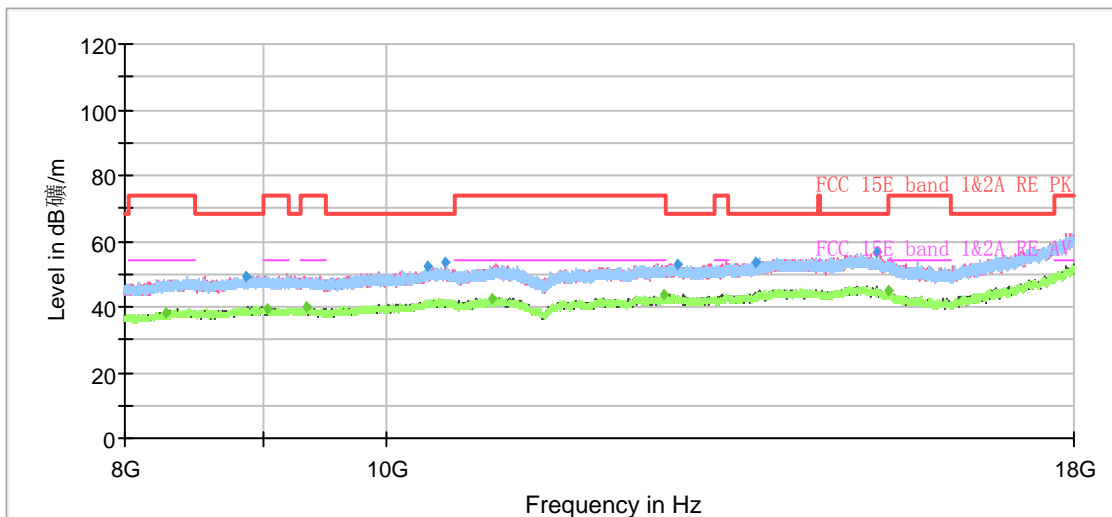
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11ac (VHT40) CH62



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



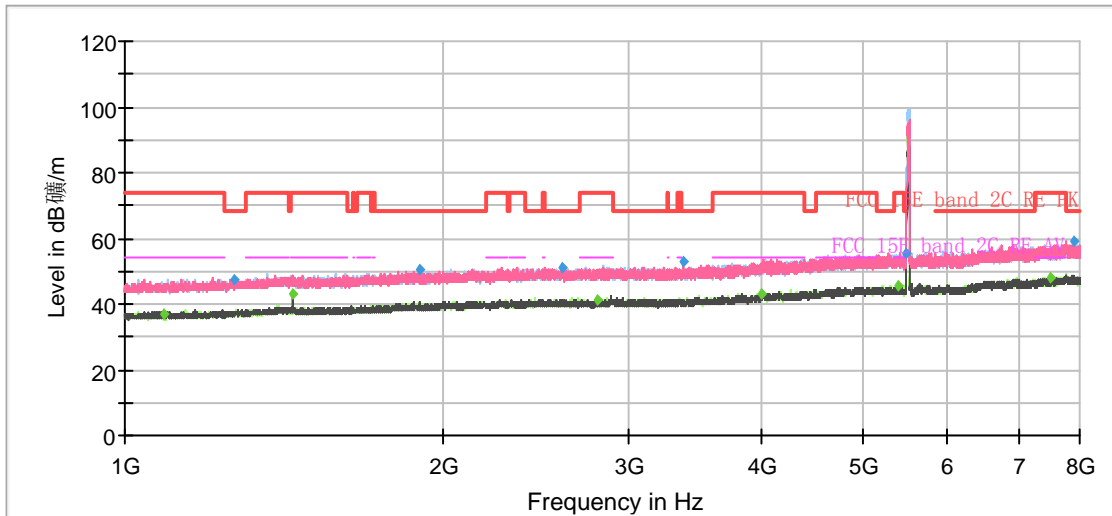
Radiates Emission from 8GHz to 18GHz



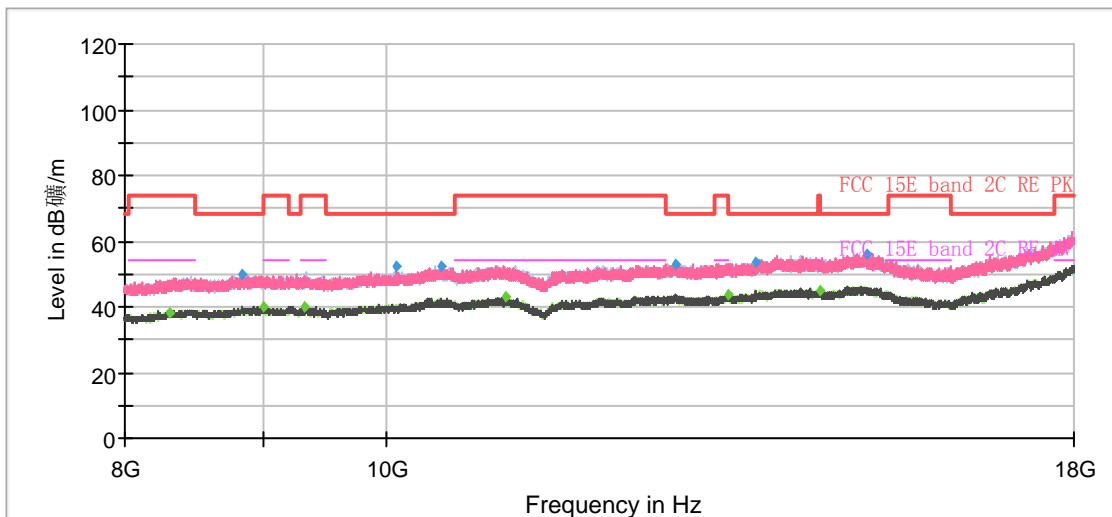
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1093.800000	---	37.19	54.00	16.81	100.0	V	0.0	-9
1284.433333	47.93	---	68.20	20.27	100.0	H	109.0	-8
1440.766667	---	43.04	54.00	10.96	200.0	V	321.0	-7
1895.300000	50.35	---	68.20	17.85	100.0	H	7.0	-5
2470.000000	51.24	---	68.20	16.96	200.0	V	14.0	-4
2713.366667	---	41.70	54.00	12.30	100.0	V	155.0	-4
2942.033333	51.77	---	68.20	16.43	200.0	V	45.0	-3
3896.366667	---	43.00	54.00	11.00	200.0	V	0.0	-2
5351.200000	---	45.71	54.00	8.29	200.0	V	59.0	3
5538.566667	55.64	---	68.20	12.56	200.0	V	237.0	3
7547.100000	---	47.62	54.00	6.38	100.0	V	13.0	7
7758.733333	58.38	---	68.20	9.82	100.0	V	347.0	7

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

802.11ac (VHT40) CH102



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



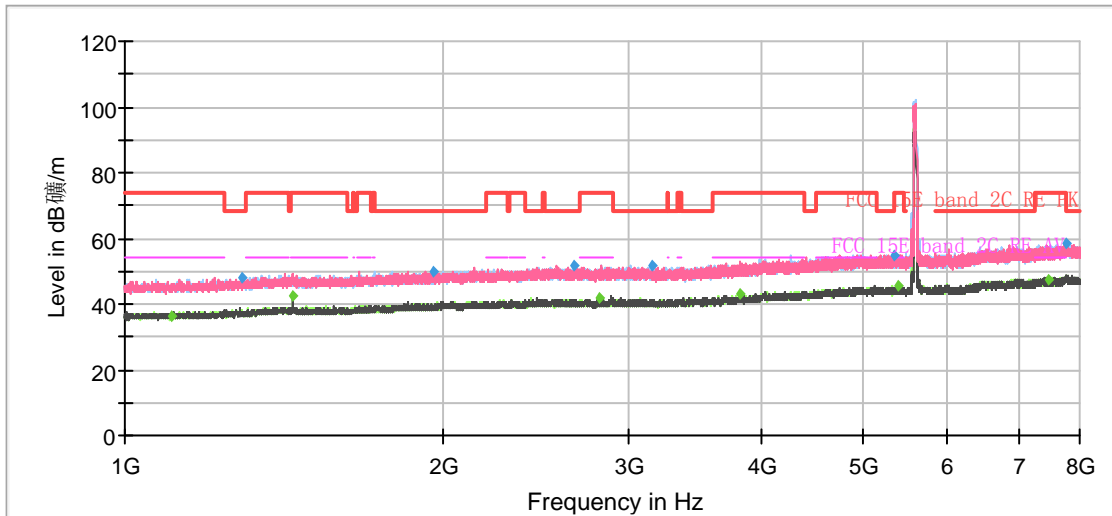
Radiates Emission from 8GHz to 18GHz



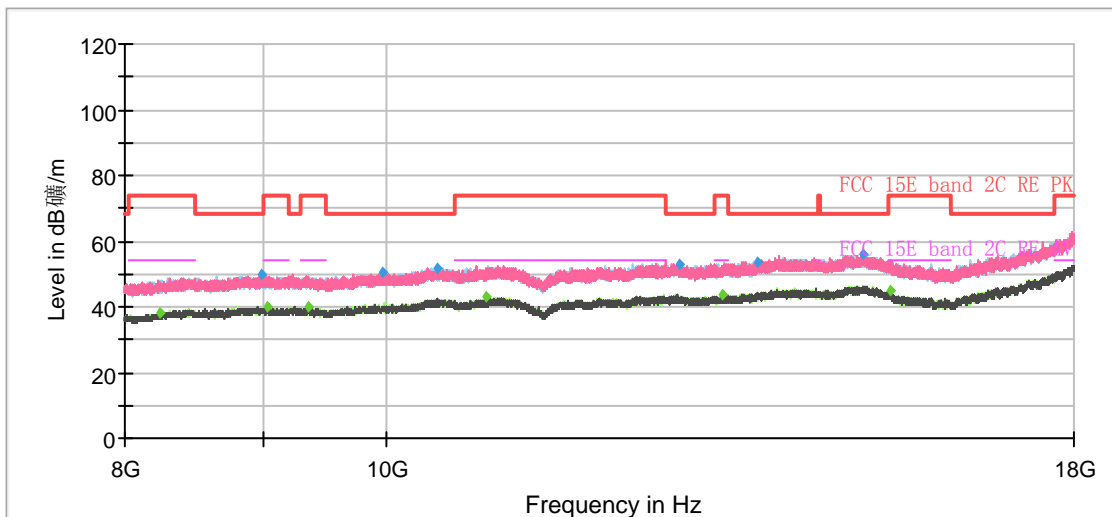
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1089.600000	---	36.70	54.00	17.30	200.0	H	44.0	-9
1267.400000	47.19	---	68.20	21.01	100.0	H	355.0	-8
1440.533333	---	43.19	54.00	10.81	200.0	V	0.0	-7
1903.233333	50.50	---	68.20	17.70	200.0	V	176.0	-5
2587.366667	51.04	---	68.20	17.16	100.0	H	95.0	-4
2801.800000	---	41.37	54.00	12.63	100.0	H	296.0	-3
3381.166667	52.67	---	68.20	15.53	200.0	V	190.0	-3
3997.866667	---	42.94	54.00	11.06	100.0	V	359.0	-1
5382.933333	---	45.48	54.00	8.52	200.0	H	21.0	3
5469.500000	55.24	---	68.20	12.96	200.0	H	0.0	3
7513.033333	---	47.95	54.00	6.05	200.0	H	234.0	7
7892.900000	58.95	---	68.20	9.25	200.0	V	296.0	7

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

802.11ac (VHT40) CH118



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



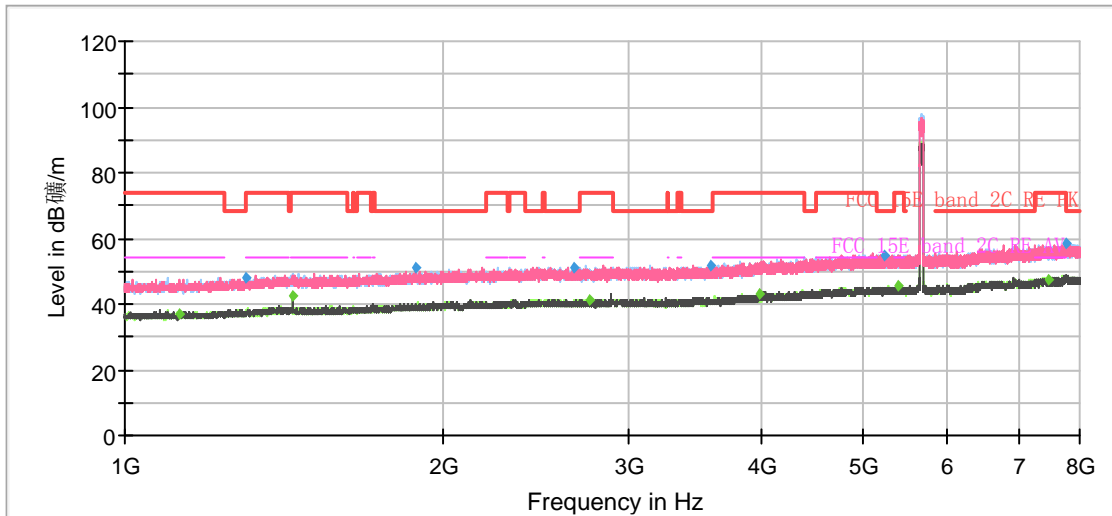
Radiates Emission from 8GHz to 18GHz



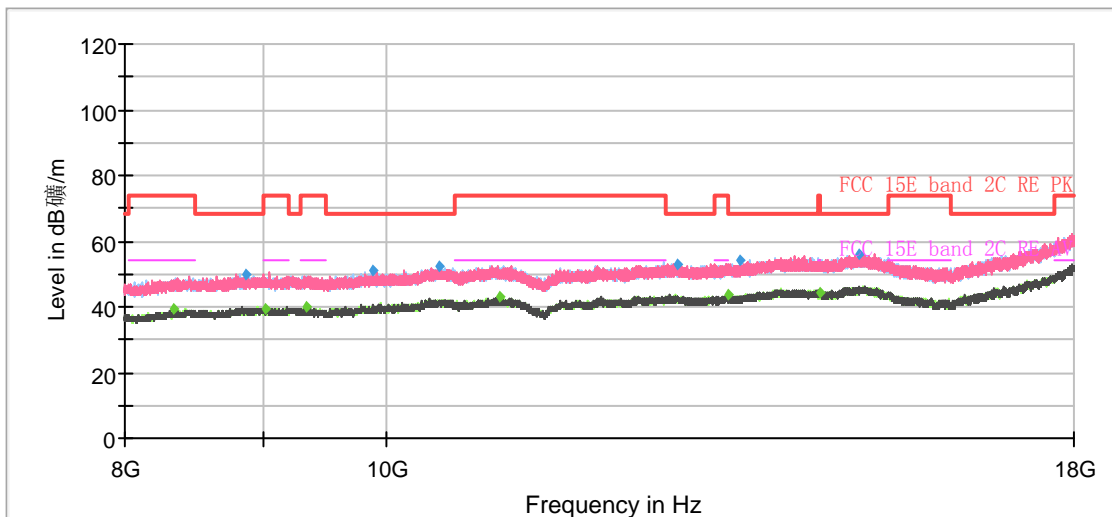
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1107.333333	---	36.57	54.00	17.43	200.0	H	10.0	-9
1291.200000	47.78	---	68.20	20.42	100.0	H	297.0	-8
1440.533333	---	42.67	54.00	11.33	200.0	V	356.0	-7
1953.866667	49.78	---	68.20	18.42	200.0	V	358.0	-5
2661.333333	51.86	---	68.20	16.34	200.0	H	0.0	-3
2809.033333	---	41.79	54.00	12.21	100.0	H	352.0	-3
3146.900000	51.72	---	68.20	16.48	100.0	H	0.0	-3
3812.833333	---	42.88	54.00	11.12	200.0	V	0.0	-2
5334.633333	54.64	---	68.20	13.56	200.0	H	116.0	3
5388.766667	---	45.30	54.00	8.70	100.0	V	46.0	3
7487.600000	---	47.41	54.00	6.59	100.0	V	86.0	7
7750.333333	58.33	---	68.20	9.87	200.0	H	90.0	7

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

802.11ac (VHT40) CH134



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



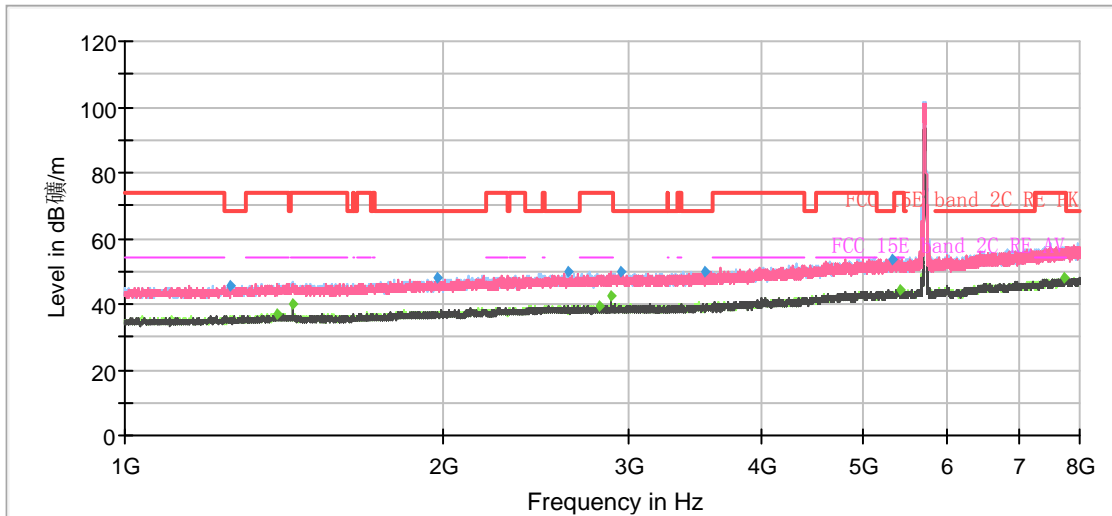
Radiates Emission from 8GHz to 18GHz



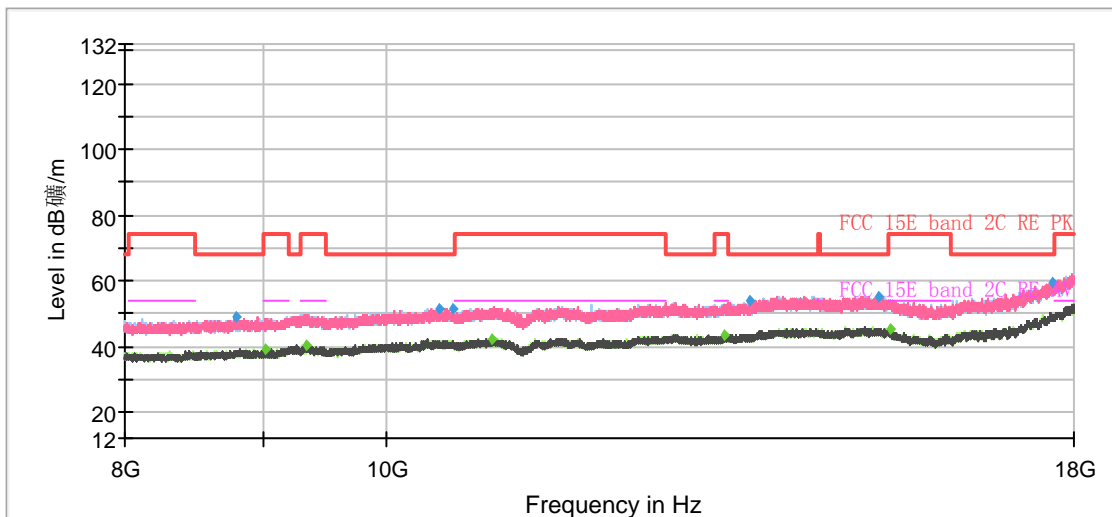
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1128.566667	---	37.19	54.00	16.81	200.0	H	102.0	-9
1299.600000	48.03	---	68.20	20.17	100.0	V	76.0	-8
1440.533333	---	42.40	54.00	11.60	200.0	H	143.0	-7
1888.066667	51.09	---	68.20	17.11	100.0	V	170.0	-5
2660.400000	51.36	---	68.20	16.84	200.0	H	50.0	-3
2750.233333	---	41.49	54.00	12.51	200.0	H	25.0	-4
3579.500000	51.79	---	68.20	16.41	200.0	H	143.0	-3
3983.866667	---	43.06	54.00	10.94	200.0	H	36.0	-1
5228.466667	54.95	---	68.20	13.25	200.0	V	218.0	2
5389.000000	---	45.58	54.00	8.42	200.0	H	76.0	3
7480.600000	---	47.33	54.00	6.67	100.0	H	315.0	7
7760.600000	58.32	---	68.20	9.88	100.0	H	355.0	7

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

802.11ac (VHT40) CH142



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



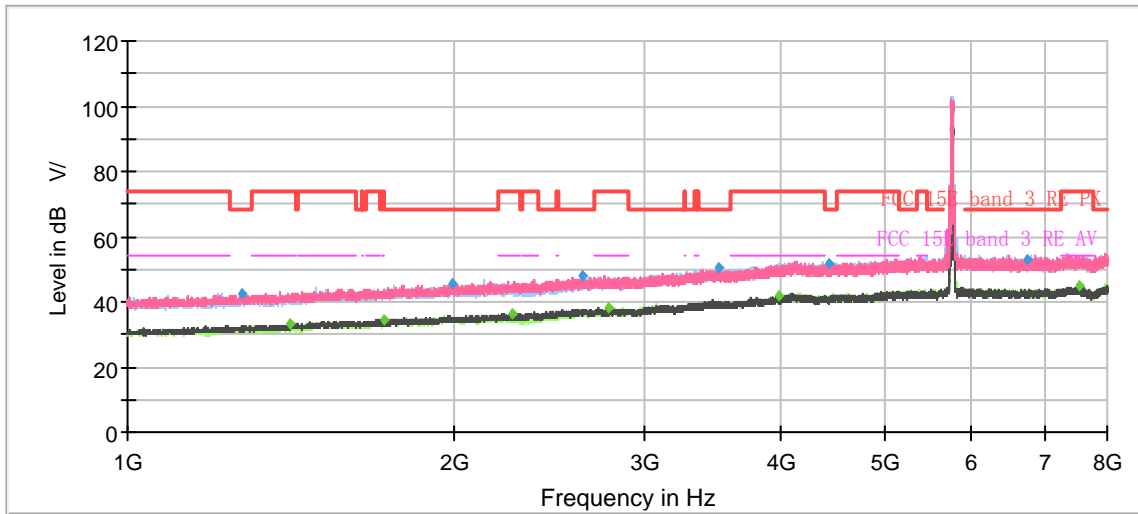
Radiates Emission from 8GHz to 18GHz



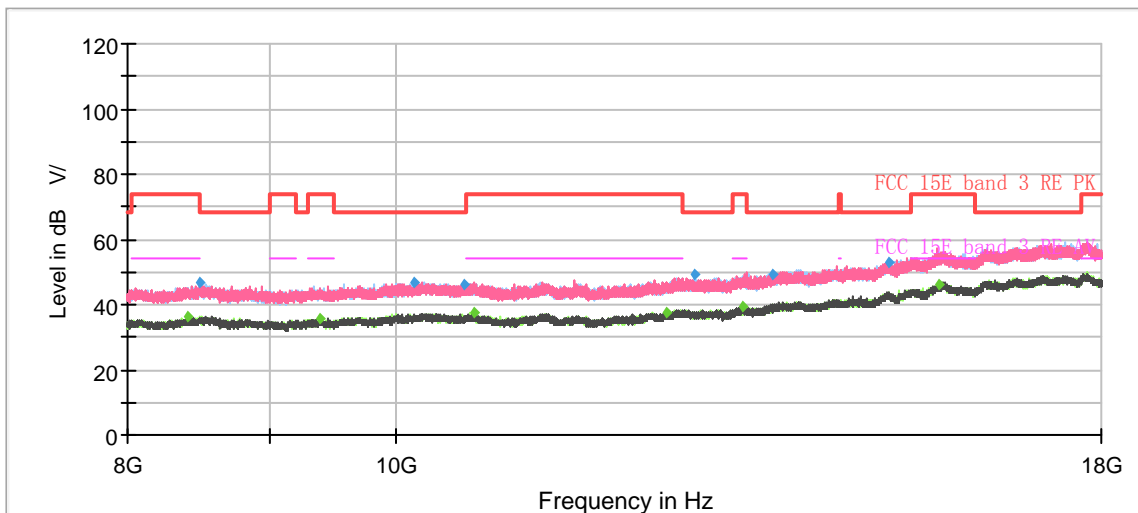
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1259.933333	45.59	---	68.20	22.61	200.0	V	333.0	-8
1395.266667	---	37.15	54.00	16.85	200.0	H	9.0	-7
1440.533333	---	39.83	54.00	14.17	200.0	V	295.0	-7
1972.066667	47.83	---	68.20	20.37	100.0	H	356.0	-5
2620.966667	49.75	---	68.20	18.45	100.0	H	353.0	-4
2810.900000	---	39.45	54.00	14.55	100.0	H	318.0	-3
2881.366667	---	42.70	54.00	11.30	100.0	V	278.0	-3
2949.500000	49.94	---	68.20	18.26	100.0	H	66.0	-3
3543.333333	49.91	---	68.20	18.29	200.0	V	229.0	-3
5307.566667	53.70	---	68.20	14.50	200.0	H	34.0	2
5400.666667	---	44.43	54.00	9.57	100.0	V	322.0	3
7733.533333	---	47.84	54.00	6.16	100.0	H	340.0	7

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

802.11ac (VHT40) CH151



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



Radiates Emission from 8GHz to 18GHz

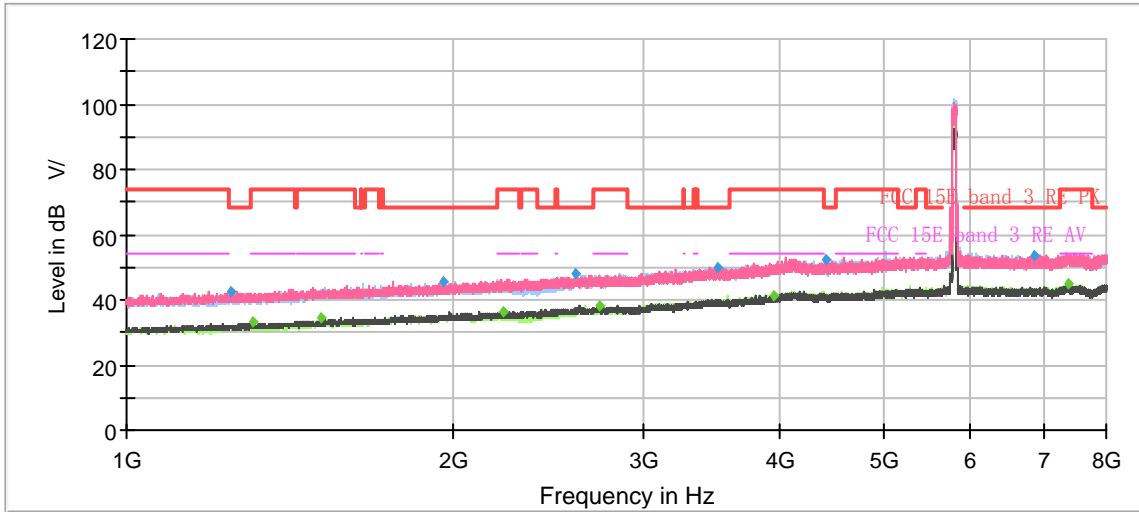


Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1276.500000	42.20	---	68.20	26.00	100.0	V	280.0	-7
1411.133333	---	33.45	54.00	20.55	200.0	V	255.0	-6
1721.000000	---	34.47	54.00	19.53	200.0	V	115.0	-4
1989.100000	45.80	---	68.20	22.40	100.0	V	51.0	-3
2260.700000	---	36.37	54.00	17.63	200.0	V	0.0	-2
2625.866667	48.12	---	68.20	20.08	200.0	V	316.0	0
2777.533333	---	38.21	54.00	15.79	200.0	H	280.0	1
3502.966667	50.48	---	68.20	17.72	200.0	H	93.0	4
3988.066667	---	41.86	54.00	12.14	200.0	H	46.0	6
4423.933333	51.43	---	68.20	16.77	200.0	H	72.0	7
6755.166667	52.80	---	68.20	15.40	100.0	H	195.0	10
7546.866667	---	44.64	54.00	9.36	200.0	H	33.0	11

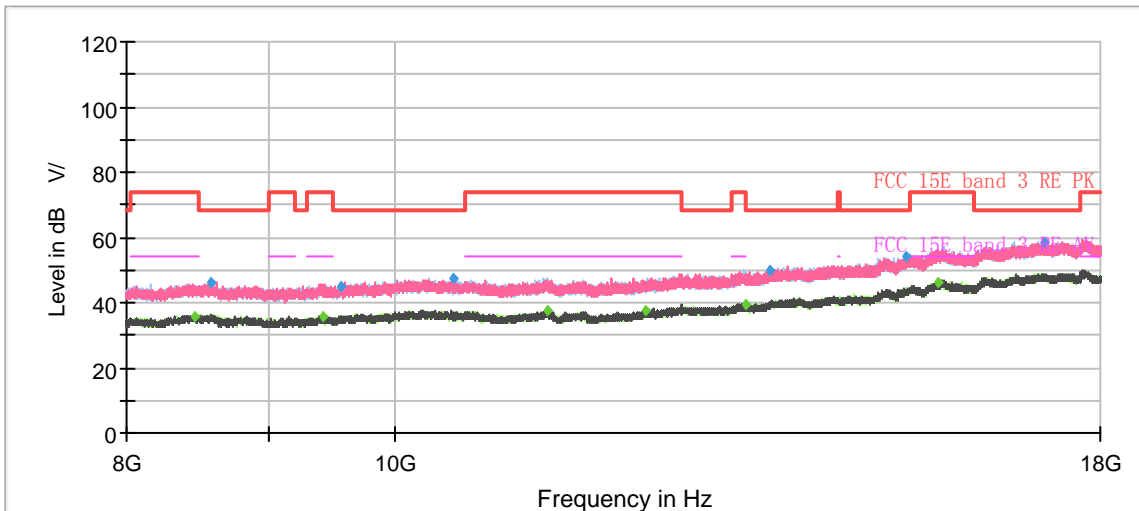
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11ac (VHT40) CH159



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



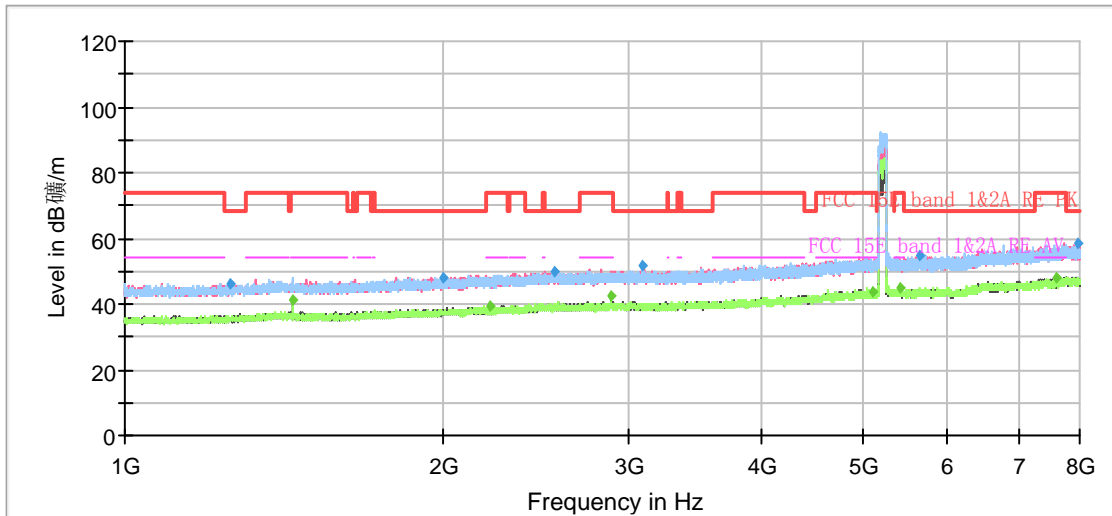
Radiates Emission from 8GHz to 18GHz



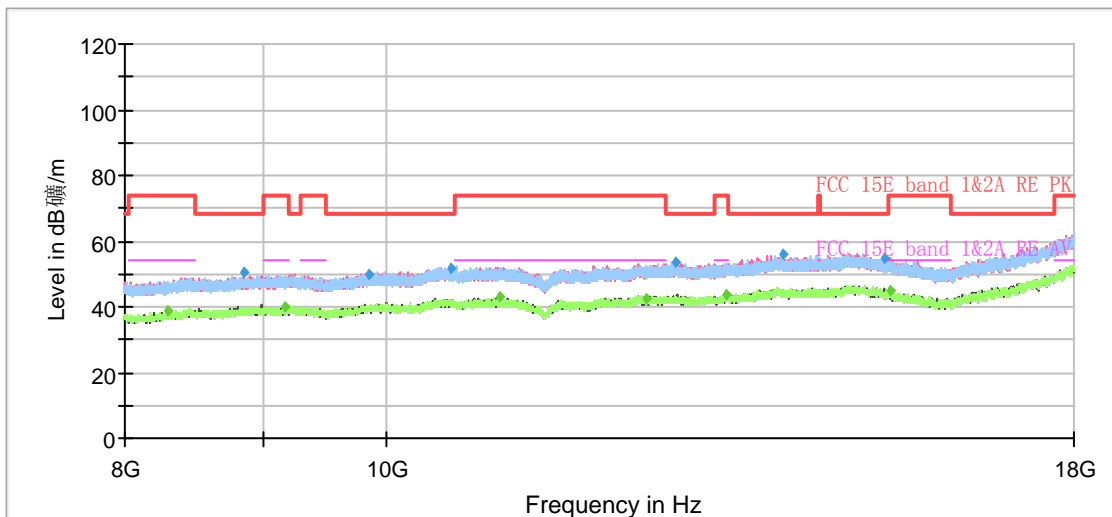
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1249.666667	42.47	---	68.20	25.73	100.0	H	335.0	-7
1306.366667	---	32.94	54.00	21.06	100.0	V	133.0	-7
1512.400000	---	34.43	54.00	19.57	200.0	H	329.0	-6
1958.766667	45.70	---	68.20	22.50	200.0	H	24.0	-3
2226.166667	---	36.41	54.00	17.59	100.0	V	353.0	-2
2588.533333	47.76	---	68.20	20.44	200.0	H	116.0	0
2725.733333	---	37.99	54.00	16.01	100.0	H	296.0	1
3500.166667	49.86	---	68.20	18.34	100.0	V	180.0	4
3950.966667	---	41.50	54.00	12.50	200.0	H	103.0	6
4414.133333	52.11	---	68.20	16.09	100.0	H	0.0	7
6864.366667	53.70	---	68.20	14.50	200.0	V	1.0	10
7367.900000	---	44.70	54.00	9.30	200.0	H	31.0	11

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

802.11ac (VHT80) CH42



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



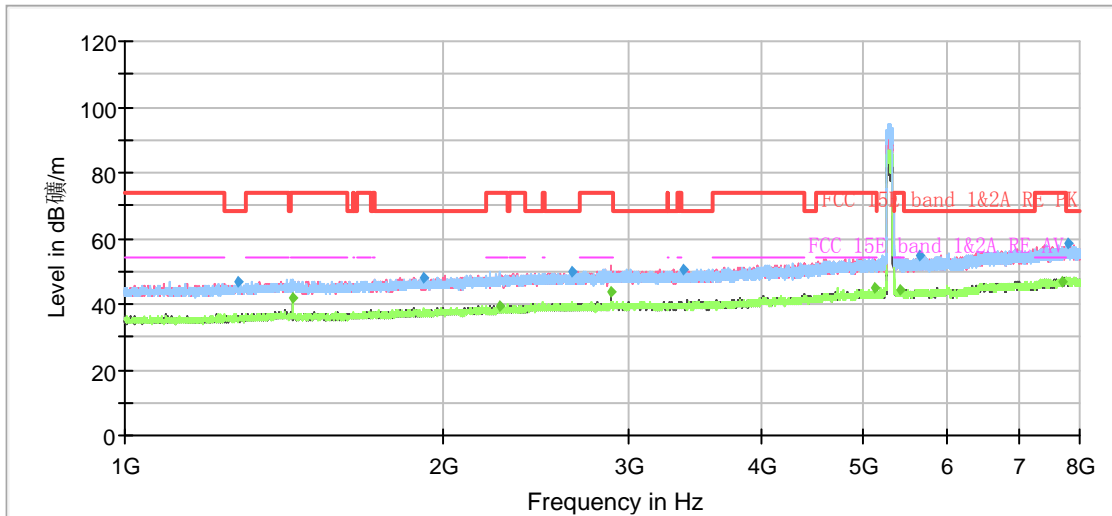
Radiates Emission from 8GHz to 18GHz



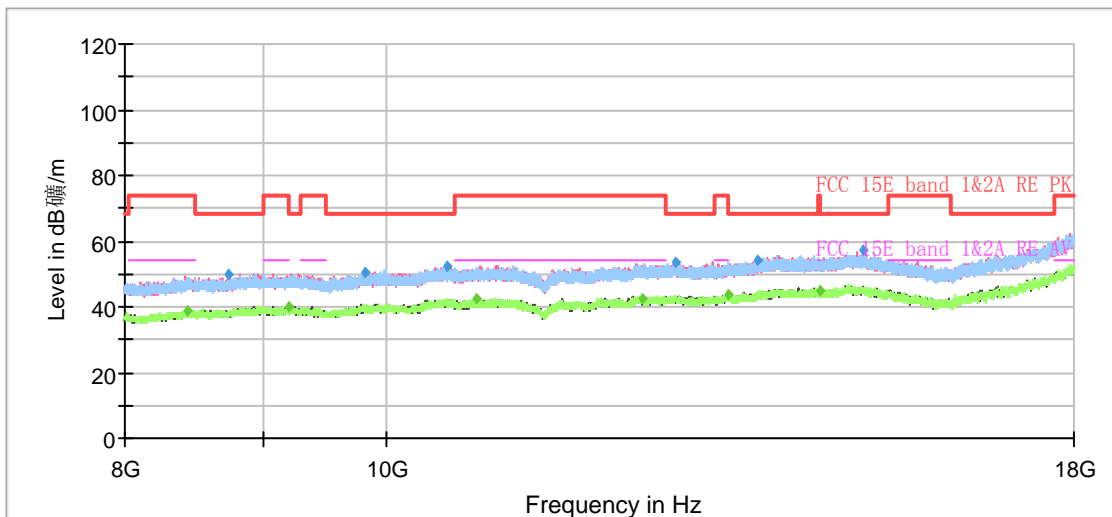
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1256.666667	46.13	---	68.20	22.07	200.0	H	270.0	-8
1440.533333	---	40.95	54.00	13.05	200.0	H	40.0	-7
1999.133333	48.23	---	68.20	19.97	100.0	V	307.0	-5
2217.300000	---	39.32	54.00	14.68	100.0	V	24.0	-4
2552.600000	49.81	---	68.20	18.39	100.0	V	163.0	-4
2881.366667	---	42.65	54.00	11.35	100.0	V	0.0	-3
3087.866667	51.72	---	68.20	16.48	200.0	H	244.0	-3
5106.433333	---	43.98	54.00	10.02	100.0	V	255.0	2
5415.833333	---	44.91	54.00	9.09	200.0	H	296.0	3
5648.000000	54.49	---	68.20	13.71	200.0	H	10.0	3
7604.733333	---	47.87	54.00	6.13	200.0	H	310.0	7
7980.866667	58.45	---	68.20	9.75	100.0	V	358.0	8

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

802.11ac (VHT80) CH58



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



Radiates Emission from 8GHz to 18GHz

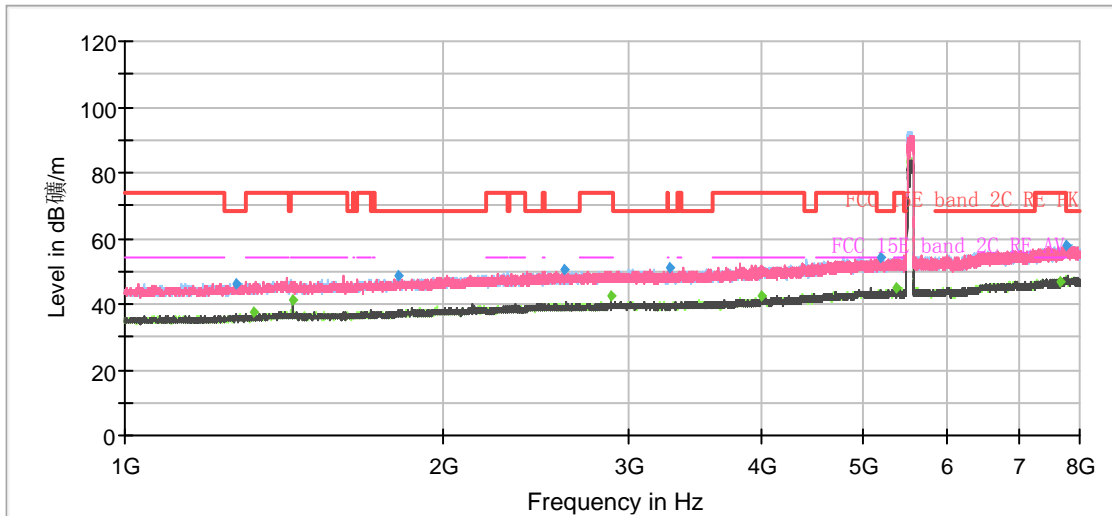


Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1277.900000	46.65	---	68.20	21.55	100.0	H	119.0	-8
1440.533333	---	41.60	54.00	12.40	200.0	H	10.0	-7
1913.733333	48.23	---	68.20	19.97	200.0	V	34.0	-5
2263.033333	---	39.22	54.00	14.78	200.0	H	356.0	-4
2645.700000	49.74	---	68.20	18.46	100.0	V	319.0	-4
2881.133333	---	43.78	54.00	10.22	100.0	V	292.0	-3
3371.600000	50.59	---	68.20	17.61	200.0	H	24.0	-3
5110.166667	---	44.63	54.00	9.37	100.0	V	0.0	2
5405.566667	---	44.20	54.00	9.80	200.0	V	60.0	3
5648.700000	54.60	---	68.20	13.60	200.0	V	15.0	3
7686.633333	---	46.94	54.00	7.06	100.0	V	0.0	7
7789.533333	58.42	---	68.20	9.78	200.0	V	207.0	7

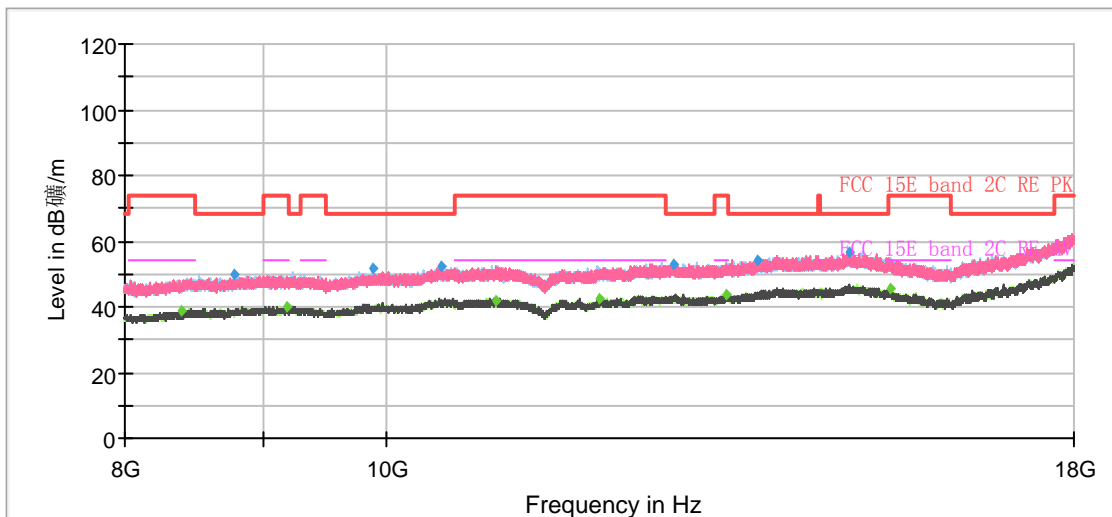
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11ac (VHT80) CH106



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



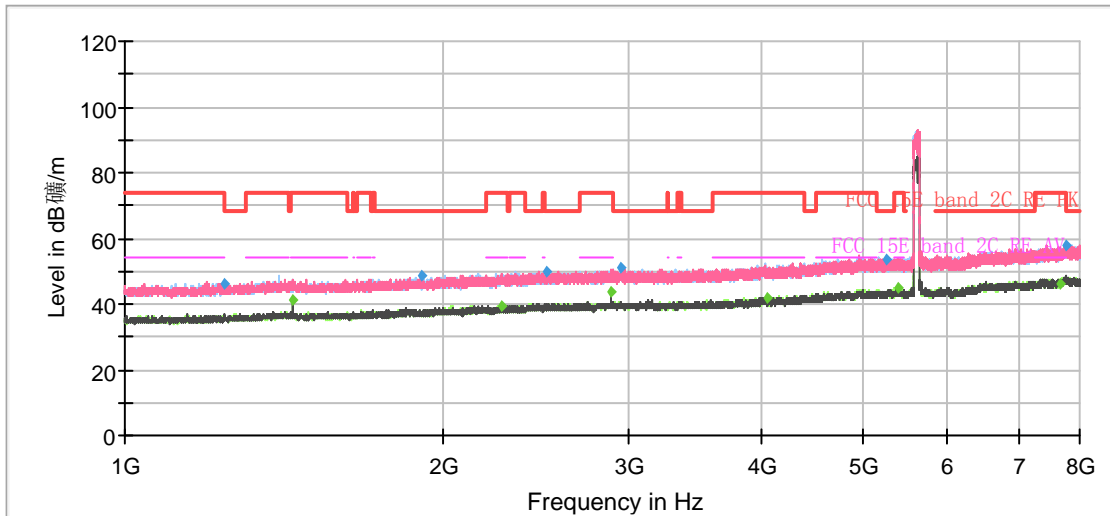
Radiates Emission from 8GHz to 18GHz



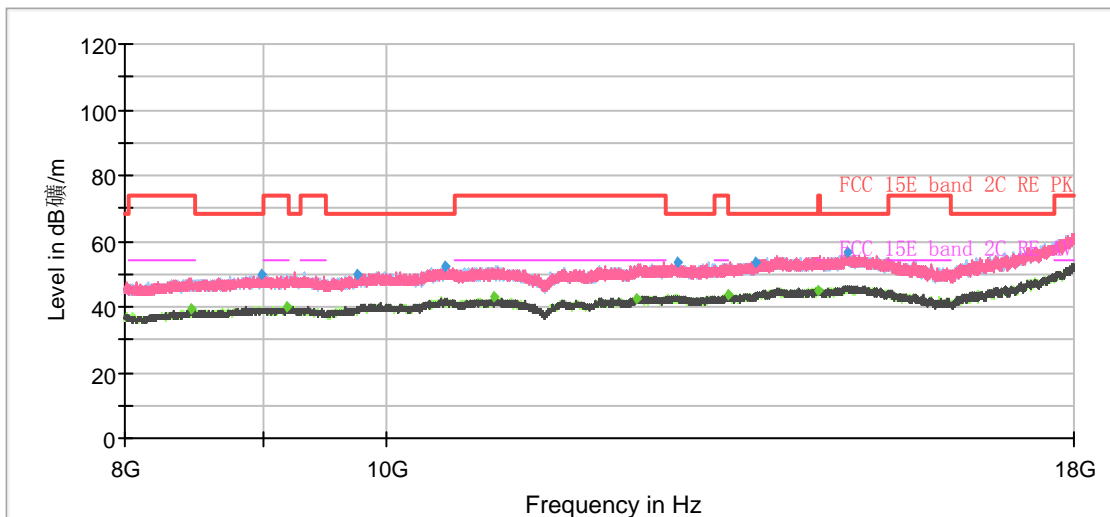
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1274.866667	46.43	---	68.20	21.77	100.0	V	6.0	-8
1321.533333	---	37.53	54.00	16.47	100.0	H	0.0	-8
1440.533333	---	41.28	54.00	12.72	200.0	H	0.0	-7
1813.166667	48.50	---	68.20	19.70	200.0	H	43.0	-6
2608.366667	50.32	---	68.20	17.88	200.0	V	138.0	-4
2881.600000	---	42.34	54.00	11.66	100.0	V	294.0	-3
3278.966667	51.24	---	68.20	16.96	100.0	H	333.0	-3
4005.800000	---	42.45	54.00	11.55	200.0	V	258.0	-1
5187.866667	54.36	---	68.20	13.84	200.0	H	0.0	2
5362.166667	---	44.78	54.00	9.22	100.0	V	147.0	3
7651.633333	---	47.02	54.00	6.98	100.0	V	0.0	7
7754.300000	57.78	---	68.20	10.42	200.0	H	254.0	7

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

802.11ac (VHT80) CH122



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



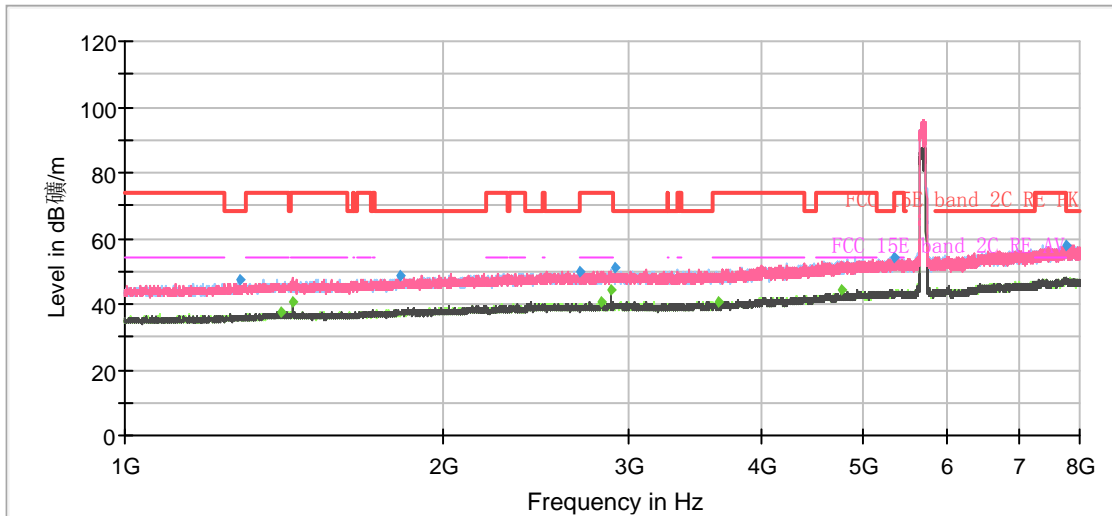
Radiates Emission from 8GHz to 18GHz



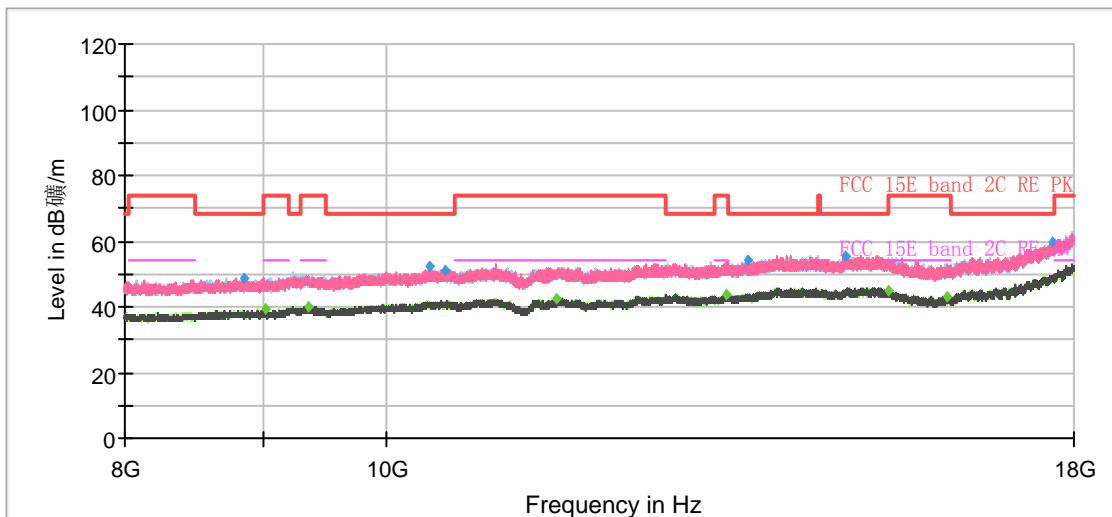
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1240.333333	46.37	---	68.20	21.83	200.0	V	293.0	-8
1440.533333	---	41.43	54.00	12.57	200.0	H	2.0	-7
1908.133333	48.36	---	68.20	19.84	200.0	H	41.0	-5
2275.166667	---	39.28	54.00	14.72	100.0	H	339.0	-4
2505.700000	50.12	---	68.20	18.08	200.0	H	53.0	-4
2881.133333	---	43.83	54.00	10.17	100.0	V	293.0	-3
2940.166667	51.02	---	68.20	17.18	200.0	H	224.0	-3
4043.833333	---	41.60	54.00	12.40	100.0	H	23.0	-1
5255.066667	53.79	---	68.20	14.41	200.0	H	66.0	3
5378.266667	---	44.66	54.00	9.34	200.0	V	358.0	3
7655.833333	---	46.30	54.00	7.70	200.0	V	353.0	7
7756.633333	57.95	---	68.20	10.25	100.0	V	0.0	7

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

802.11ac (VHT80) CH138



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



Radiates Emission from 8GHz to 18GHz

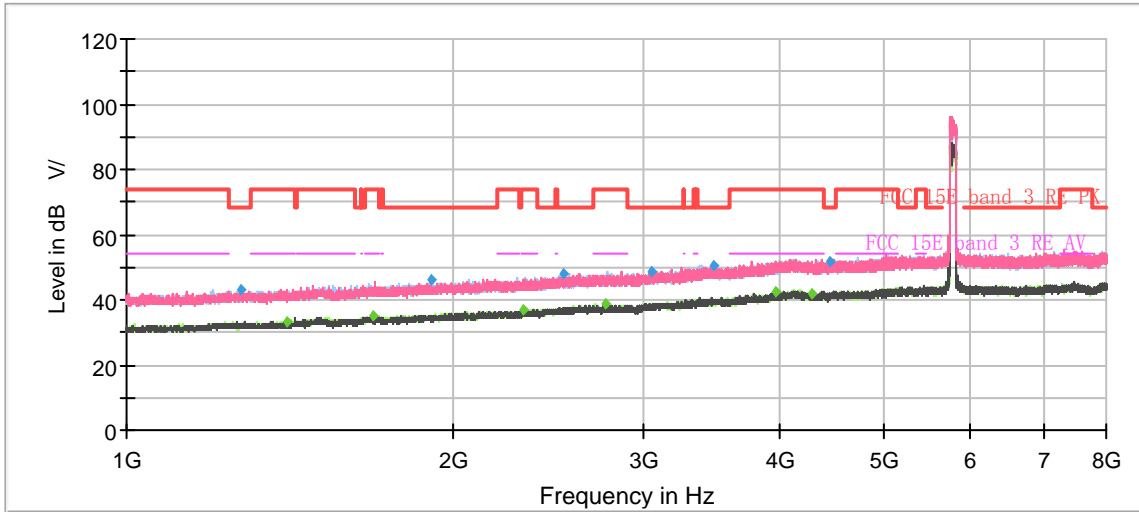


Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1287.233333	47.21	---	68.20	20.99	100.0	V	56.0	-8
1403.433333	---	37.73	54.00	16.27	100.0	H	2.0	-7
1440.533333	---	40.91	54.00	13.09	200.0	V	292.0	-7
1824.600000	48.84	---	68.20	19.36	200.0	H	344.0	-6
2689.100000	50.15	---	68.20	18.05	200.0	V	102.0	-4
2816.733333	---	40.40	54.00	13.60	200.0	V	0.0	-3
2881.133333	---	44.43	54.00	9.57	100.0	V	282.0	-3
2903.066667	50.90	---	68.20	17.30	100.0	H	38.0	-3
3639.466667	---	40.35	54.00	13.65	200.0	H	94.0	-3
4760.400000	---	44.25	54.00	9.75	100.0	H	172.0	1
5337.666667	54.08	---	68.20	14.12	100.0	V	256.0	3
7752.666667	57.88	---	68.20	10.33	200.0	V	35.0	7

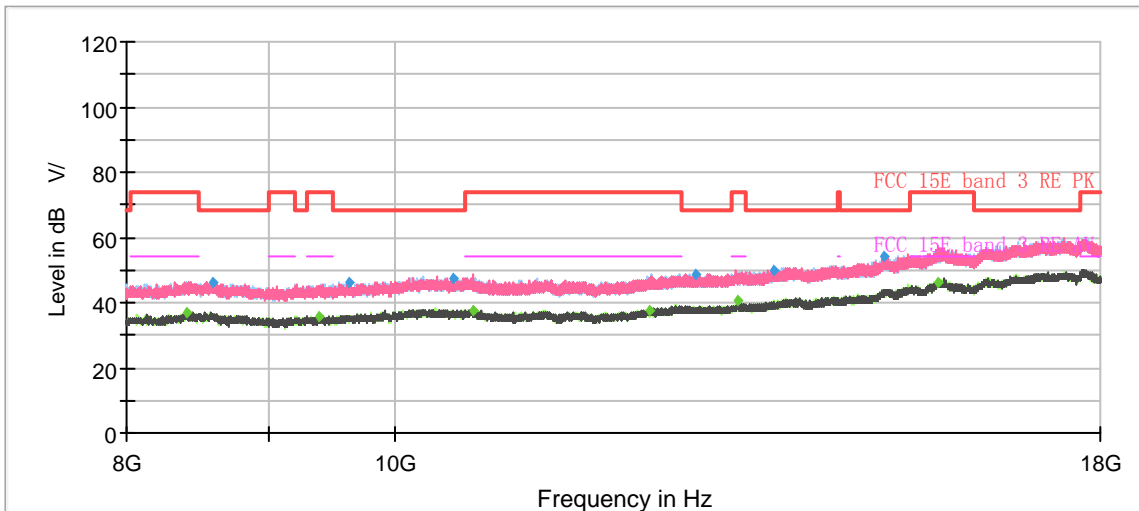
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11ac (VHT80) CH155



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



Radiates Emission from 8GHz to 18GHz

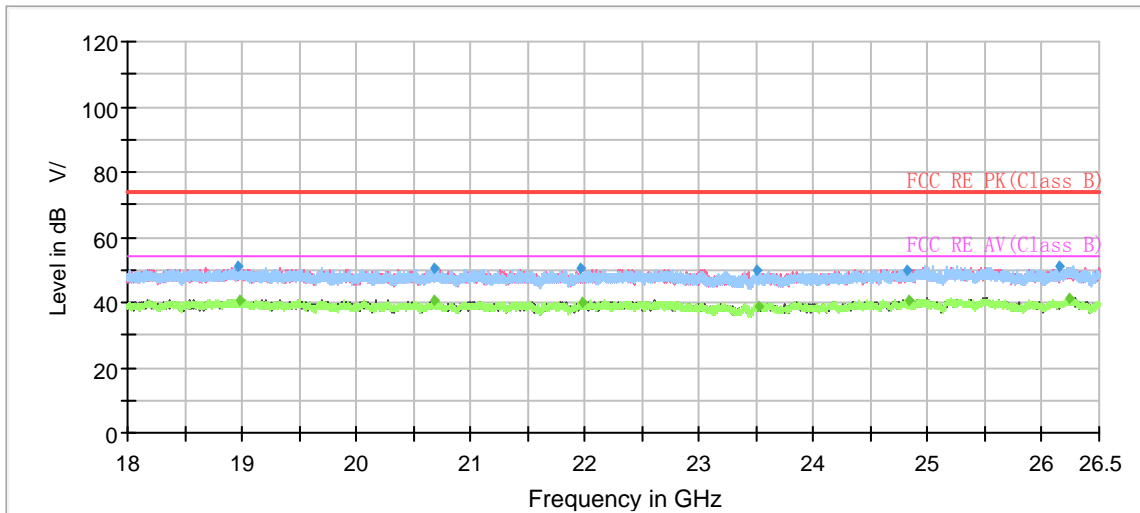


Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1276.500000	42.80	---	68.20	25.40	200.0	H	102.0	-7
1402.266667	---	33.51	54.00	20.49	200.0	H	357.0	-6
1687.866667	---	35.04	54.00	18.96	200.0	H	223.0	-5
1908.833333	46.09	---	68.20	22.11	100.0	H	137.0	-4
2325.333333	---	36.84	54.00	17.16	200.0	V	160.0	-1
2522.266667	48.08	---	68.20	20.12	100.0	H	0.0	0
2767.033333	---	38.85	54.00	15.15	100.0	H	317.0	1
3047.033333	48.89	---	68.20	19.31	200.0	H	141.0	2
3479.166667	50.57	---	68.20	17.63	200.0	H	0.0	4
3966.366667	---	42.17	54.00	11.83	100.0	V	187.0	6
4281.600000	---	42.06	54.00	11.94	200.0	H	52.0	6
4442.600000	51.80	---	68.20	16.40	200.0	H	249.0	7

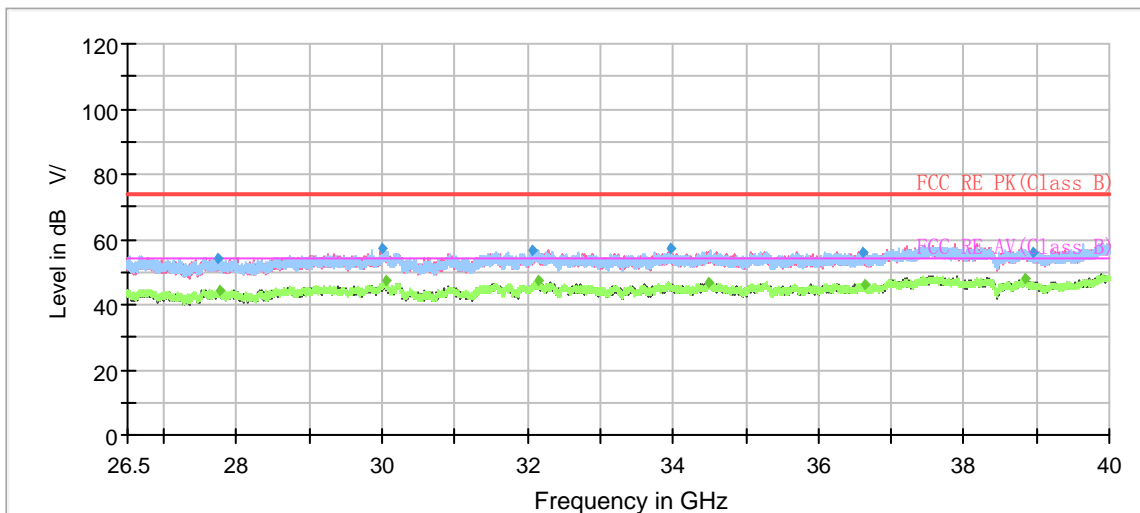
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



During the test, the Radiates Emission from 18GHz to 40GHz was performed in all modes with all channels, 802.11ac (VHT40), Channel 102 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.



Radiates Emission from 18GHz to 26.5GHz



Radiates Emission from 26.5GHz to 40GHz



Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
18965.883333	50.80	---	74.00	23.20	200.0	V	89.0	-1
18976.650000	---	40.88	54.00	13.12	100.0	H	64.0	-1
20678.633333	---	40.44	54.00	13.56	200.0	H	330.0	0
20689.966667	50.42	---	74.00	23.58	200.0	V	176.0	0
21960.716667	50.17	---	74.00	23.83	200.0	V	170.0	1
21974.033333	---	39.81	54.00	14.19	200.0	H	189.0	1
23498.933333	49.74	---	74.00	24.26	200.0	V	268.0	2
23524.150000	---	38.99	54.00	15.01	100.0	V	275.0	2
24815.866667	50.00	---	74.00	24.00	200.0	V	41.0	3
24836.550000	---	40.36	54.00	13.64	200.0	V	116.0	3
26156.316667	51.04	---	74.00	22.96	200.0	V	8.0	3
26233.666667	---	41.46	54.00	12.54	200.0	H	64.0	3

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

5.6. Conducted Emission

Ambient condition

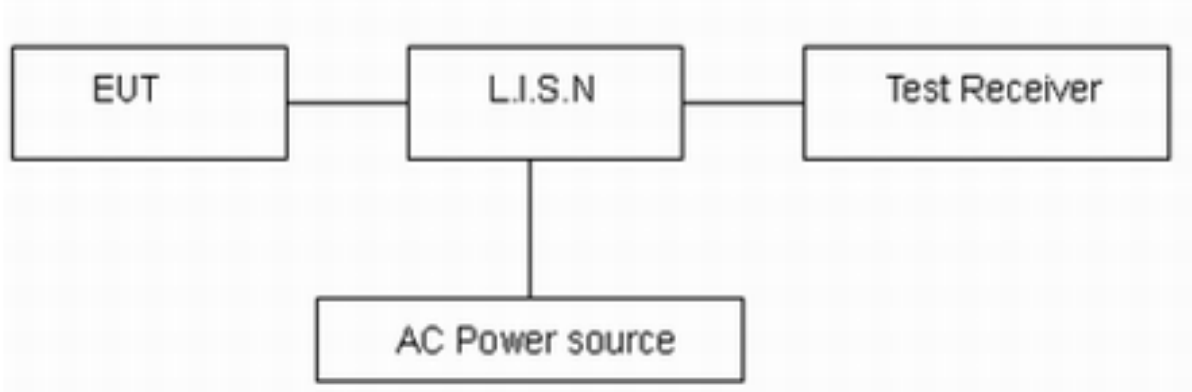
Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

Methods of Measurement

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

The test is in transmitting mode.

Test Setup



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

Limits

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

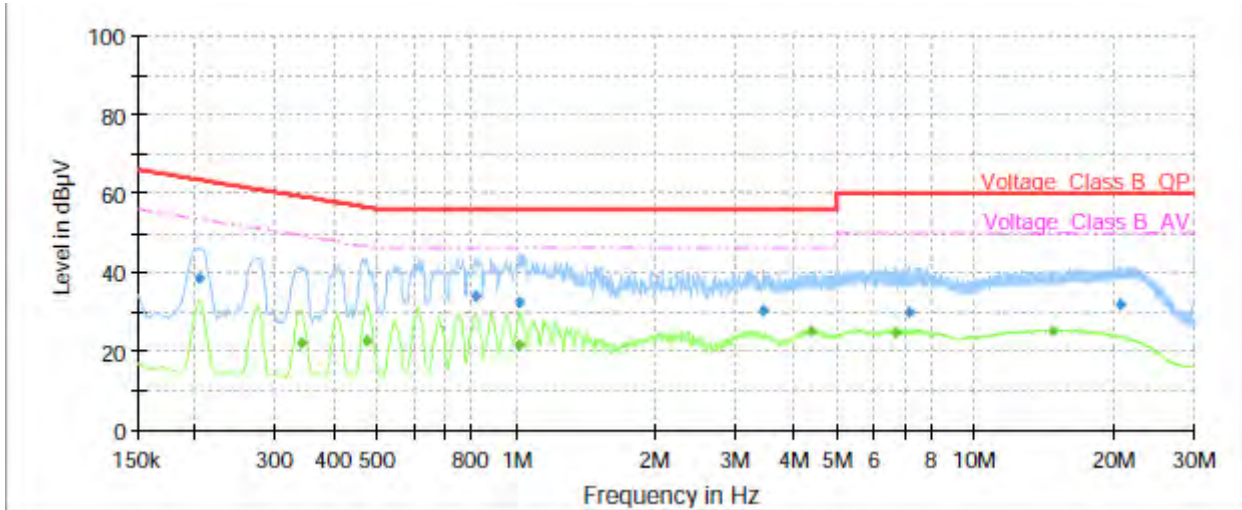
*: Decreases with the logarithm of the frequency.

Measurement Uncertainty

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

Test Results:

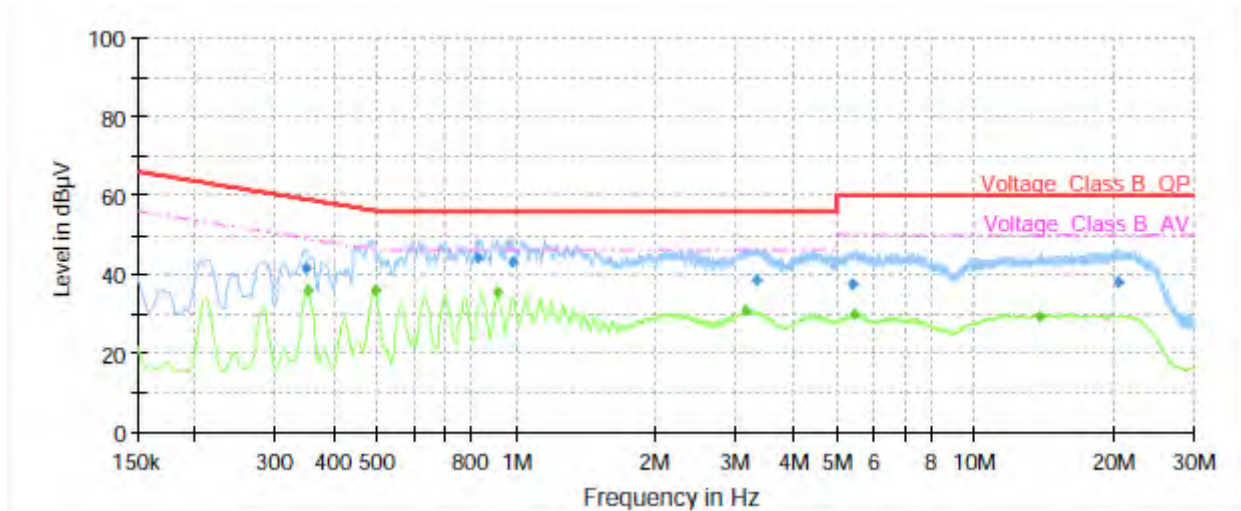
Following plots, Blue trace uses the peak detection and Green trace uses the average detection. During the test, the Conducted Emission was performed in all modes with all channels, 802.11ac (VHT40), Channel 102 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.



Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.20	38.32	---	63.45	25.13	70.0	9.000	L1	ON	21
0.34	---	22.01	49.23	27.22	70.0	9.000	L1	ON	21
0.47	---	22.34	46.44	24.10	70.0	9.000	L1	ON	20
0.82	33.72	---	56.00	22.28	70.0	9.000	L1	ON	20
1.02	---	21.37	46.00	24.63	70.0	9.000	L1	ON	20
1.02	32.23	---	56.00	23.77	70.0	9.000	L1	ON	20
3.45	30.04	---	56.00	25.96	70.0	9.000	L1	ON	19
4.38	---	24.94	46.00	21.06	70.0	9.000	L1	ON	19
6.70	---	24.73	50.00	25.27	70.0	9.000	L1	ON	20
7.19	29.82	---	60.00	30.18	70.0	9.000	L1	ON	20
14.70	---	25.11	50.00	24.89	70.0	9.000	L1	ON	20
20.59	31.63	---	60.00	28.37	70.0	9.000	L1	ON	20

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)
0.35	41.58	---	59.01	17.43	70.0	9.000	N	ON	21
0.35	---	35.80	48.90	13.10	70.0	9.000	N	ON	21
0.49	---	36.09	46.13	10.04	70.0	9.000	N	ON	20
0.82	44.24	---	56.00	11.76	70.0	9.000	N	ON	20
0.91	---	35.34	46.00	10.66	70.0	9.000	N	ON	20
0.98	43.12	---	56.00	12.88	70.0	9.000	N	ON	20
3.17	---	30.85	46.00	15.15	70.0	9.000	N	ON	19
3.34	38.61	---	56.00	17.39	70.0	9.000	N	ON	19
5.40	37.64	---	60.00	22.36	70.0	9.000	N	ON	19
5.48	---	29.84	50.00	20.16	70.0	9.000	N	ON	19
13.84	---	29.31	50.00	20.69	70.0	9.000	N	ON	20
20.50	37.76	---	60.00	22.24	70.0	9.000	N	ON	20

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	101955	2021-05-15	2022-05-14
Spectrum Analyzer	KEYSIGHT	N9020A	MY54420163	2020-12-13	2021-12-12
Climate Chamber	ESPEC	SU-242	93000506	2020-12-13	2021-12-12
EMI Test Receiver	R&S	ESR	102389	2020-12-13	2021-12-12
Signal Analyzer	R&S	FSV40	100815	2020-12-13	2021-12-12
TRILOG Broadband Antenna	SCHWARZBECK	9163	1023	2020-05-05	2023-05-04
Horn Antenna	Schwarzbeck	BBHA 9120D	430	2021-07-26	2024-07-25
Artificial main network	R&S	ENV216	102191	2020-12-13	2022-12-12
EMI Test Receiver	R&S	ESR	101667	2021-05-15	2022-05-14
Software	R&S	EMC32	10.35.10	/	/

*****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.