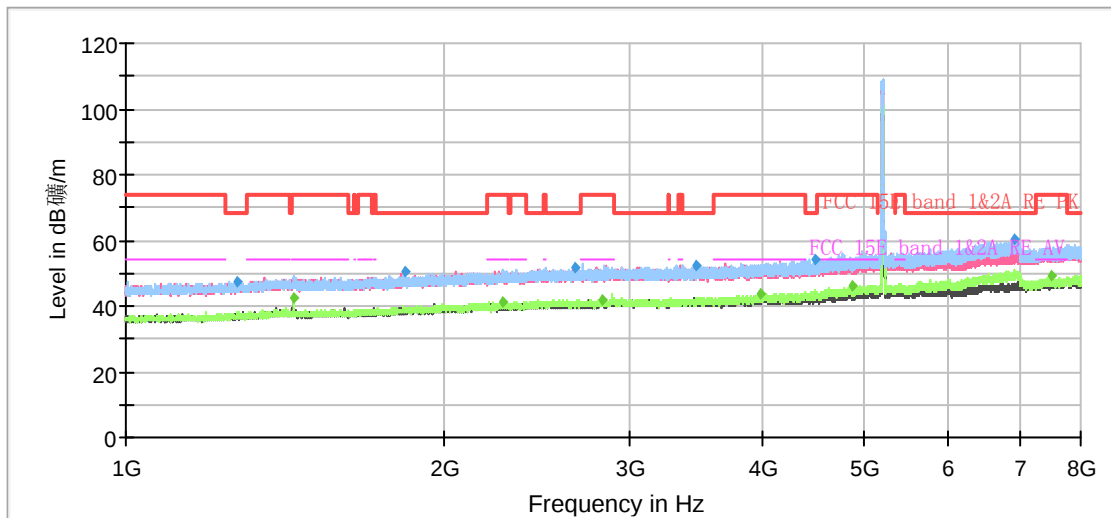


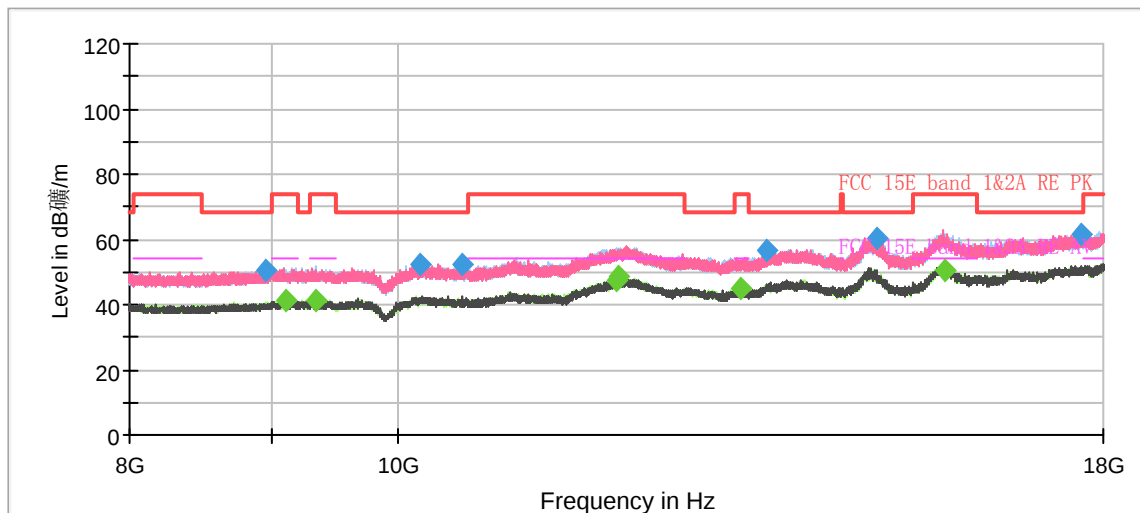
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1248.733333	47.99	---	68.20	20.21	500.0	100.0	H	85.0	-8
1440.766667	---	41.95	54.00	12.05	500.0	200.0	V	335.0	-7
1892.266667	49.44	---	68.20	18.76	500.0	200.0	H	352.0	-5
2259.066667	---	41.54	54.00	12.46	500.0	100.0	H	350.0	-4
2686.066667	51.56	---	68.20	16.64	500.0	200.0	H	359.0	-4
2817.666667	---	42.22	54.00	11.78	500.0	200.0	H	327.0	-3
3316.766667	53.14	---	68.20	15.06	500.0	200.0	H	346.0	-3
3987.366667	---	44.05	54.00	9.95	500.0	200.0	H	184.0	-1
5047.400000	---	46.30	54.00	7.70	500.0	200.0	H	242.0	2
6021.100000	57.59	---	68.20	10.61	500.0	200.0	H	359.0	5
6840.100000	60.10	---	68.20	8.10	500.0	200.0	H	355.0	6
7598.200000	---	48.64	54.00	5.36	500.0	200.0	H	299.0	7
15671.666667	---	50.56	54.00	3.44	500.0	200.0	V	51.0	6.1

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

802.11n (HT20) CH40



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

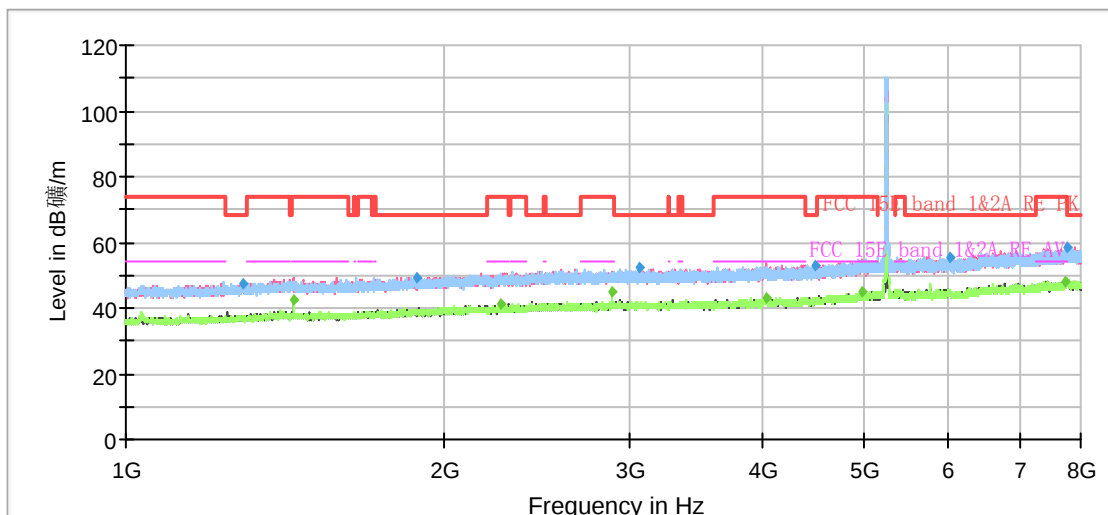


Radiates Emission from 8GHz to 18GHz

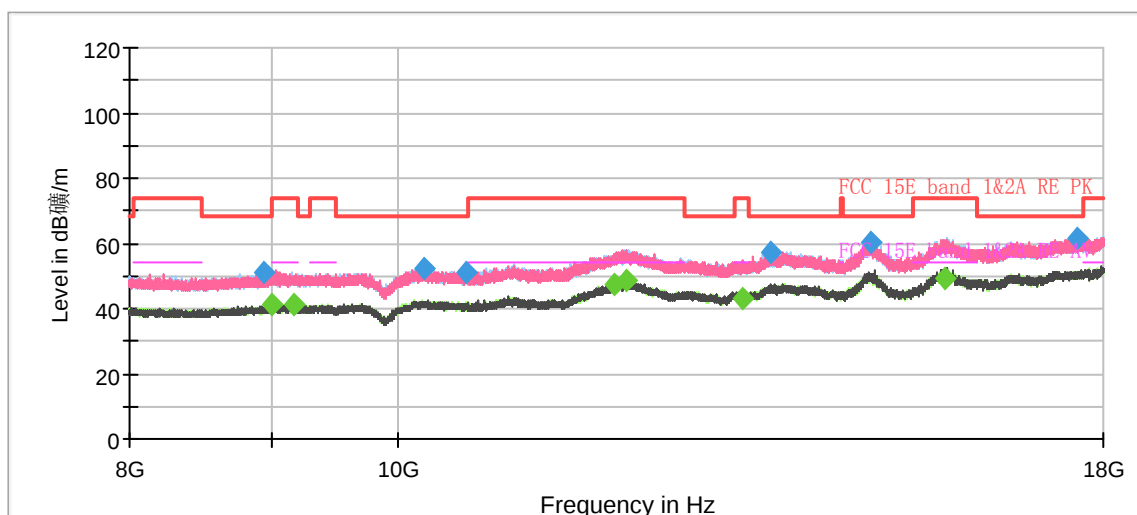
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1272.300000	47.53	---	68.20	20.67	500.0	100.0	V	275.0	-8
1440.766667	---	42.52	54.00	11.48	500.0	200.0	V	251.0	-7
1840.000000	50.36	---	68.20	17.84	500.0	200.0	H	317.0	-6
2275.866667	---	41.21	54.00	12.79	500.0	200.0	H	274.0	-4
2662.266667	51.52	---	68.20	16.68	500.0	100.0	V	289.0	-3
2818.366667	---	41.89	54.00	12.11	500.0	200.0	H	262.0	-3
3465.400000	52.15	---	68.20	16.05	500.0	200.0	H	341.0	-3
3984.333333	---	43.68	54.00	10.32	500.0	200.0	H	215.0	-1
4479.466667	54.33	---	68.20	13.87	500.0	200.0	H	274.0	0
4871.933333	---	45.87	54.00	8.13	500.0	200.0	H	215.0	1
6928.533333	60.07	---	68.20	8.13	500.0	200.0	H	341.0	7
7501.600000	---	49.01	54.00	4.99	500.0	200.0	H	0.0	7
12015.333333	---	48.43	54.00	5.57	500.0	100.0	H	92.0	5.9
15781.333333	---	50.22	54.00	3.78	500.0	200.0	H	244.0	6.4

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

802.11n (HT20) CH48



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

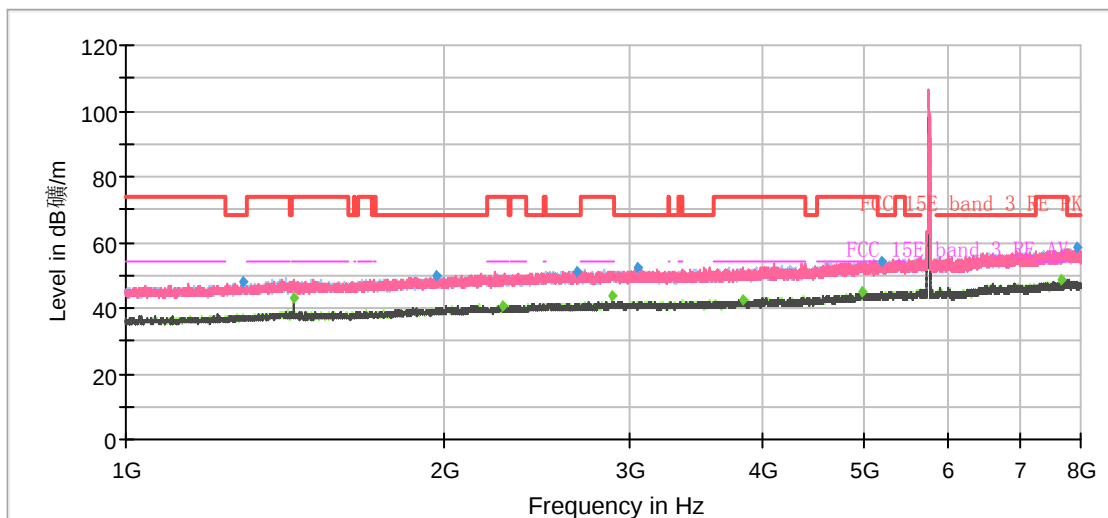


Radiates Emission from 8GHz to 18GHz

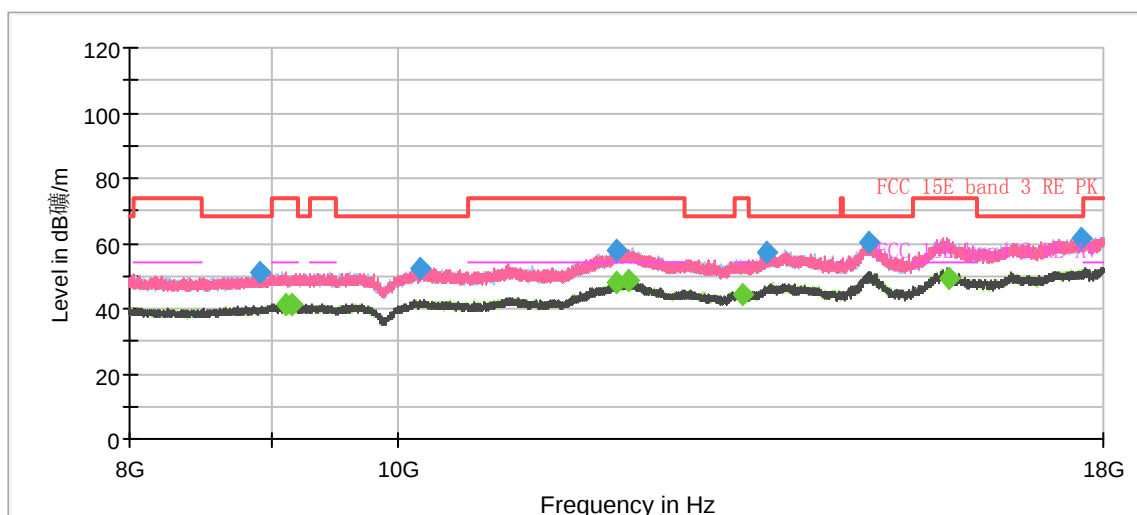
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1293.300000	47.31	---	68.20	20.89	500.0	200.0	H	0.0	-8
1440.766667	---	42.39	54.00	11.61	500.0	200.0	V	72.0	-7
1881.066667	49.43	---	68.20	18.77	500.0	100.0	V	155.0	-5
2266.300000	---	41.11	54.00	12.89	500.0	100.0	V	96.0	-4
2881.366667	---	44.66	54.00	9.34	500.0	100.0	H	348.0	-3
3065.933333	52.08	---	68.20	16.12	500.0	100.0	V	0.0	-3
4032.166667	---	42.93	54.00	11.07	500.0	100.0	V	358.0	-1
4477.366667	53.20	---	68.20	15.00	500.0	100.0	V	169.0	0
4978.333333	---	45.08	54.00	8.92	500.0	200.0	H	0.0	2
6005.466667	55.21	---	68.20	12.99	500.0	100.0	V	354.0	5
7725.133333	---	48.11	54.00	5.89	500.0	200.0	V	72.0	7
7767.600000	58.57	---	68.20	9.63	500.0	200.0	V	22.0	7
12108.333333	---	48.34	54.00	5.66	500.0	200.0	V	152.0	6.3
15785.000000	---	48.99	54.00	5.01	500.0	200.0	H	37.0	6.4

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

802.11n (HT20) CH149



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

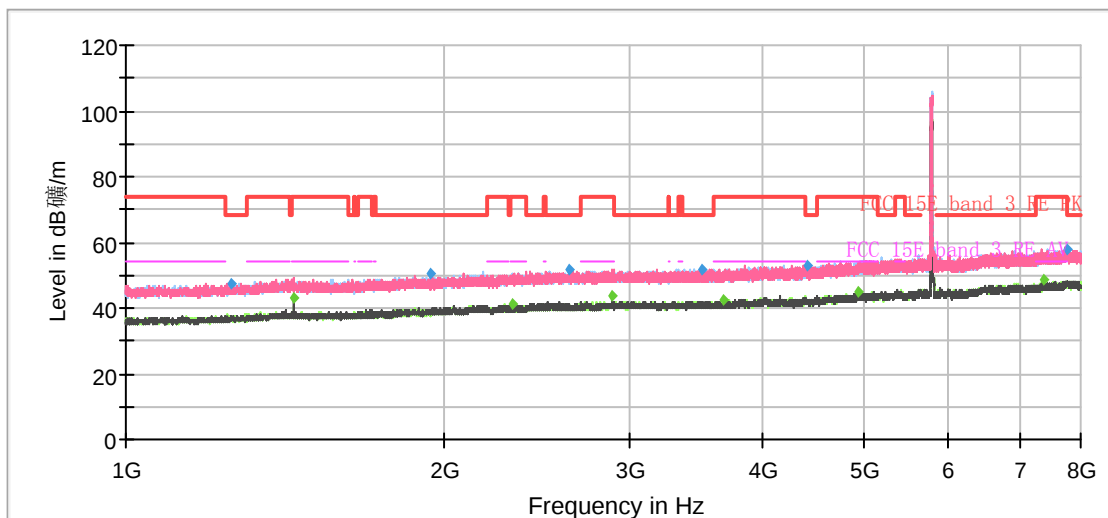


Radiates Emission from 8GHz to 18GHz

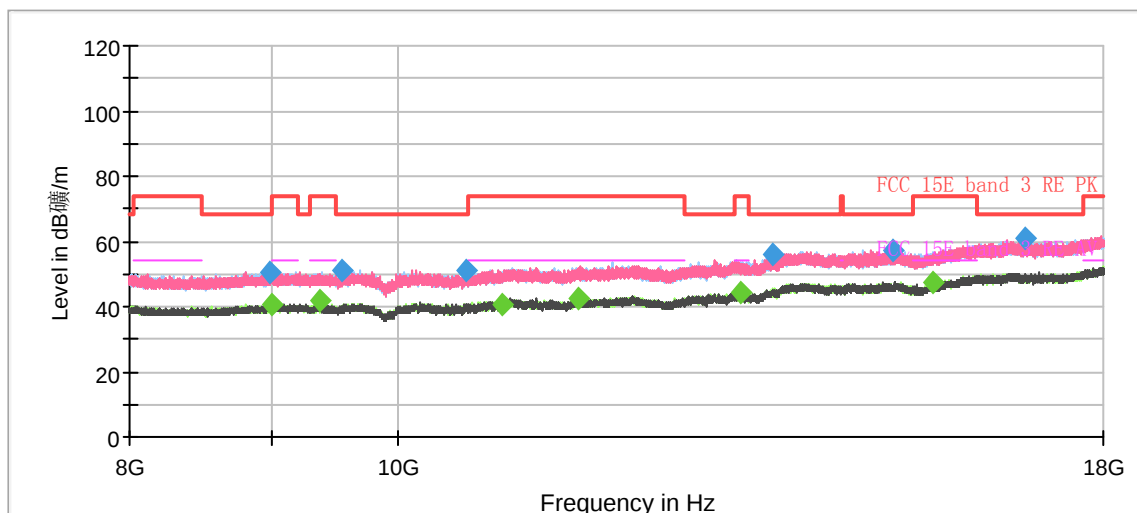
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1292.366667	47.71	---	68.20	20.49	500.0	200.0	H	250.0	-8
1440.533333	---	43.04	54.00	10.96	500.0	200.0	V	332.0	-7
1967.400000	49.77	---	68.20	18.43	500.0	100.0	H	352.0	-5
2276.100000	---	40.81	54.00	13.19	500.0	100.0	H	139.0	-4
2669.033333	51.35	---	68.20	16.85	500.0	100.0	H	355.0	-3
2881.600000	---	43.76	54.00	10.24	500.0	100.0	V	99.0	-3
3051.700000	52.47	---	68.20	15.73	500.0	200.0	H	0.0	-3
3839.900000	---	42.57	54.00	11.43	500.0	200.0	H	2.0	-2
4960.133333	---	45.08	54.00	8.92	500.0	100.0	H	180.0	2
5174.100000	54.33	---	68.20	13.87	500.0	200.0	V	10.0	2
7670.066667	---	48.58	54.00	5.42	500.0	200.0	V	10.0	7
7916.233333	58.33	---	68.20	9.87	500.0	100.0	V	194.0	7
12127.666667	---	48.73	54.00	5.27	500.0	200.0	H	0.0	6.2
15840.333333	---	49.12	54.00	4.88	500.0	100.0	H	9.0	6.4

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

802.11n (HT20) CH157



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

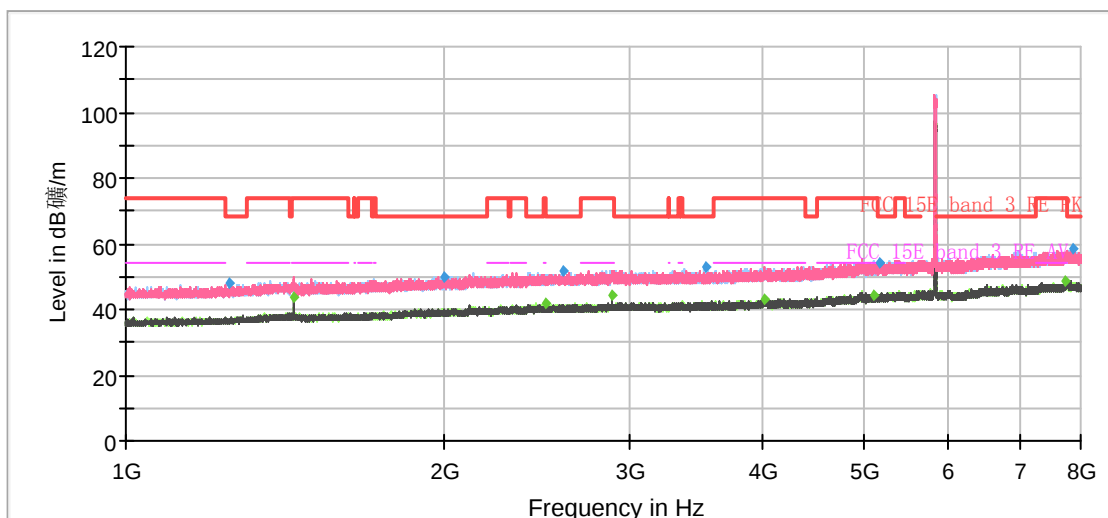


Radiates Emission from 8GHz to 18GHz

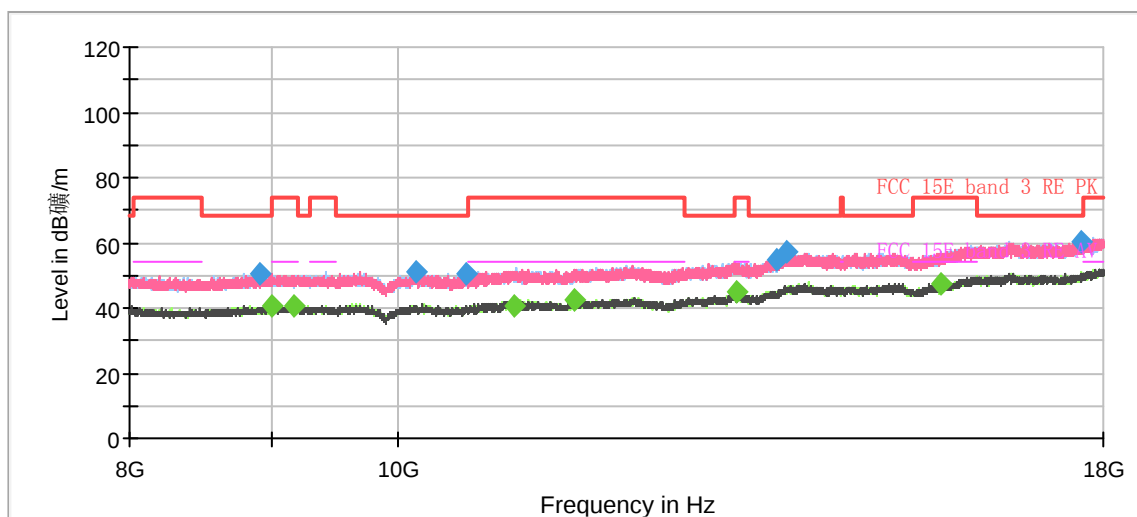
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1256.666667	47.31	---	68.20	20.89	500.0	200.0	V	81.0	-8
1440.533333	---	43.14	54.00	10.86	500.0	200.0	V	327.0	-7
1938.466667	50.43	---	68.20	17.77	500.0	100.0	H	126.0	-5
2320.433333	---	41.04	54.00	12.96	500.0	200.0	V	151.0	-4
2629.366667	51.40	---	68.20	16.80	500.0	100.0	V	69.0	-4
2881.366667	---	43.75	54.00	10.25	500.0	100.0	V	95.0	-3
3504.600000	51.88	---	68.20	16.32	500.0	200.0	V	2.0	-3
3671.433333	---	42.52	54.00	11.48	500.0	100.0	V	12.0	-2
4411.800000	52.64	---	68.20	15.56	500.0	100.0	V	19.0	0
4933.300000	---	44.65	54.00	9.35	500.0	200.0	V	96.0	2
7364.400000	---	48.41	54.00	5.59	500.0	200.0	V	124.0	7
7762.466667	58.05	---	68.20	10.15	500.0	100.0	V	69.0	7

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

802.11n (HT20) CH165



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

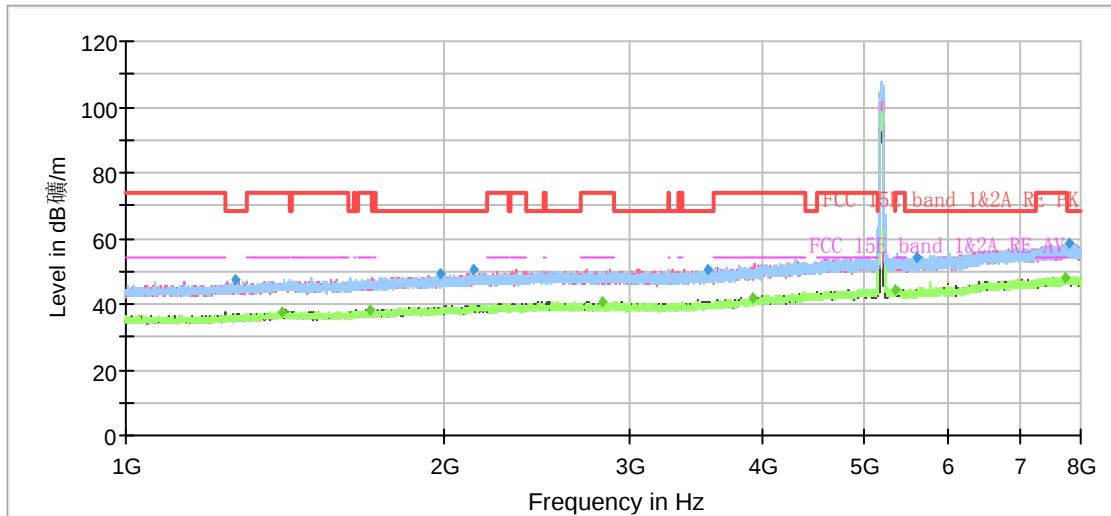


Radiates Emission from 8GHz to 18GHz

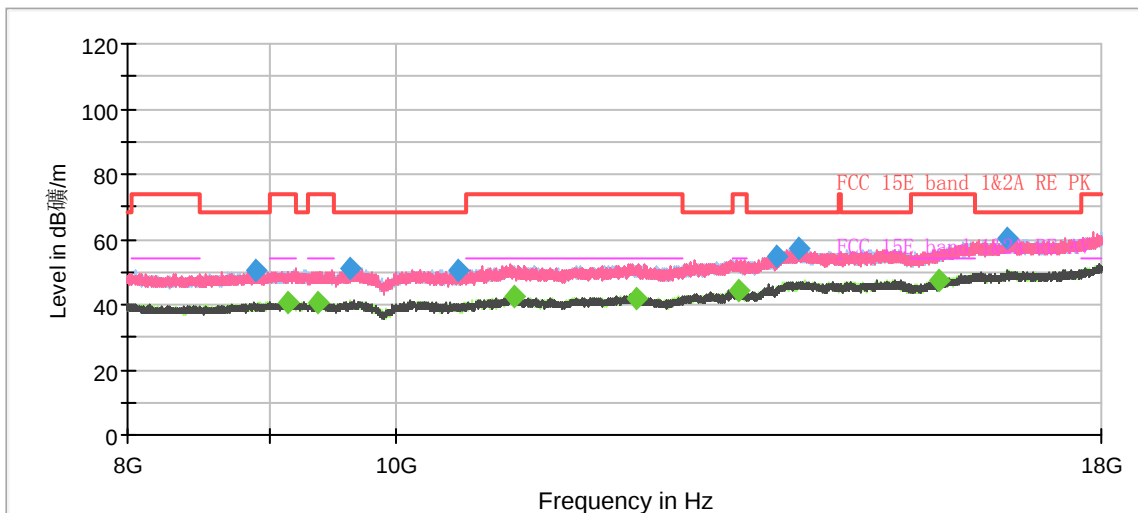
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1254.333333	48.10	---	68.20	20.10	500.0	100.0	H	355.0	-8
1440.300000	---	43.53	54.00	10.47	500.0	200.0	V	317.0	-7
1999.133333	49.71	---	68.20	18.49	500.0	100.0	V	103.0	-5
2495.666667	---	42.09	54.00	11.91	500.0	100.0	H	252.0	-4
2593.433333	51.47	---	68.20	16.73	500.0	100.0	V	170.0	-4
2881.133333	---	44.15	54.00	9.85	500.0	100.0	H	359.0	-3
3536.100000	52.63	---	68.20	15.57	500.0	100.0	H	225.0	-3
4022.833333	---	43.27	54.00	10.73	500.0	200.0	H	199.0	-1
5105.733333	---	44.51	54.00	9.49	500.0	100.0	V	64.0	2
5171.766667	54.12	---	68.20	14.08	500.0	200.0	V	161.0	2
7748.000000	---	48.31	54.00	5.69	500.0	100.0	H	355.0	7
7874.933333	58.28	---	68.20	9.92	500.0	100.0	H	352.0	7

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

802.11n (HT40) CH38



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

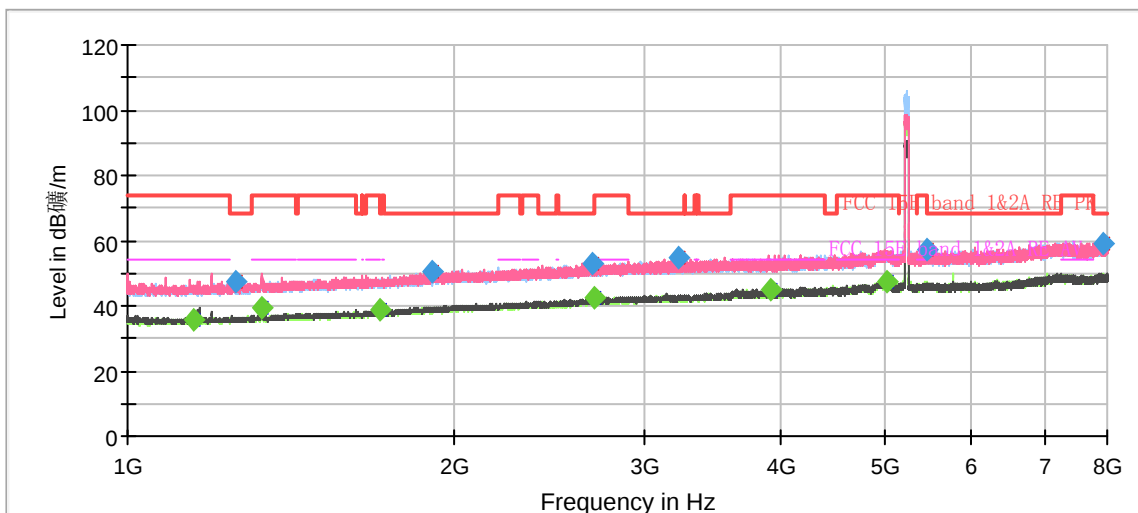


Radiates Emission from 8GHz to 18GHz

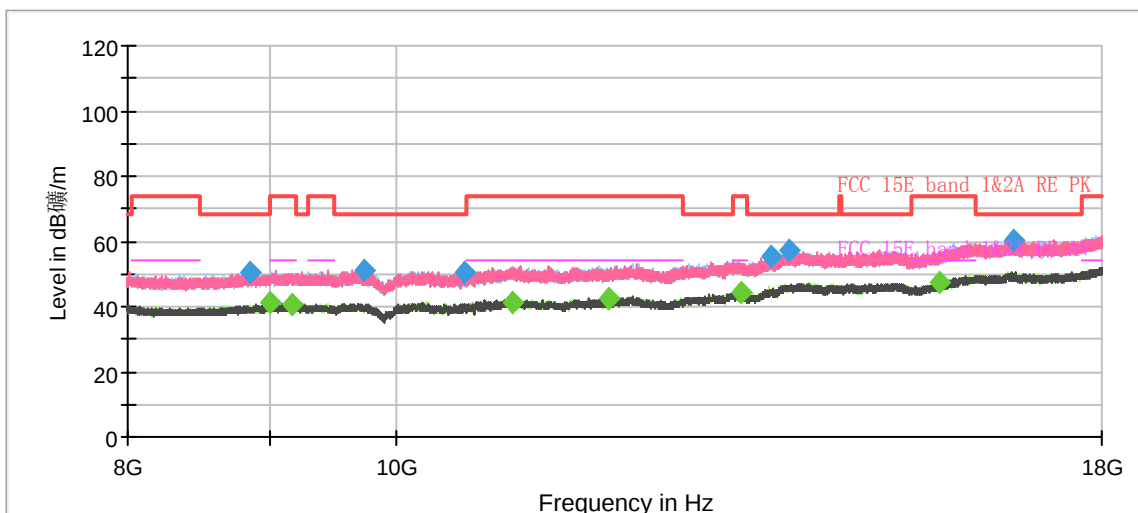
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1271.366667	47.09	---	68.20	21.11	500.0	100.0	V	0.0	-8
1404.133333	---	37.61	54.00	16.39	500.0	100.0	H	270.0	-7
1698.600000	---	38.04	54.00	15.96	500.0	100.0	V	59.0	-6
1983.033333	49.02	---	68.20	19.18	500.0	100.0	V	3.0	-5
2128.166667	50.35	---	68.20	17.85	500.0	200.0	V	82.0	-4
2824.900000	---	40.48	54.00	13.52	500.0	100.0	V	33.0	-3
3557.800000	50.67	---	68.20	17.53	500.0	200.0	V	285.0	-3
3922.966667	---	42.01	54.00	11.99	500.0	100.0	V	73.0	-2
5351.666667	---	44.21	54.00	9.79	500.0	200.0	H	336.0	3
5604.600000	53.90	---	68.20	14.30	500.0	100.0	H	357.0	3
7744.033333	---	48.29	54.00	5.71	500.0	100.0	H	334.0	7
7786.033333	58.52	---	68.20	9.68	500.0	100.0	V	250.0	7

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

802.11n (HT40) CH46



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

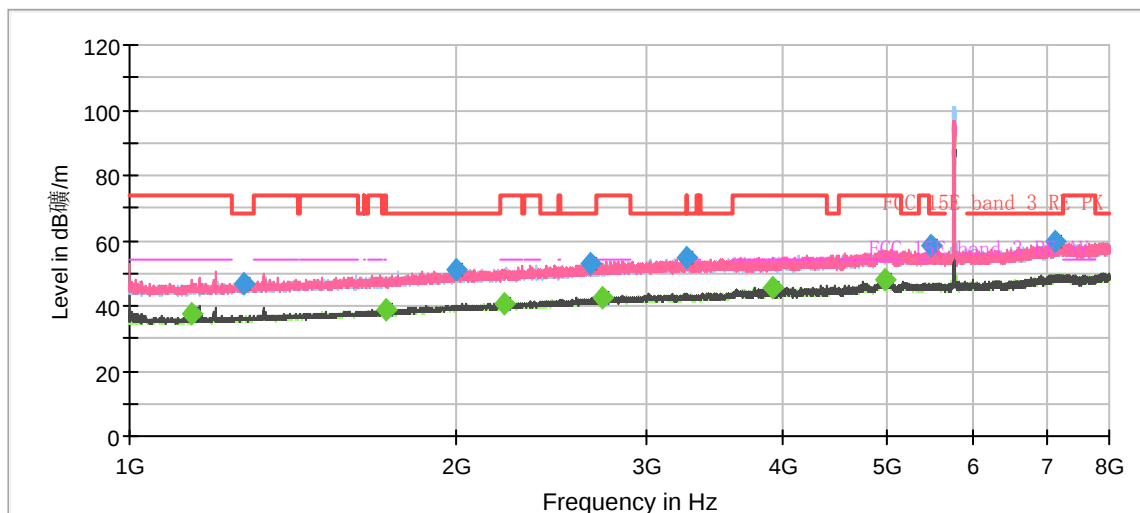


Radiates Emission from 8GHz to 18GHz

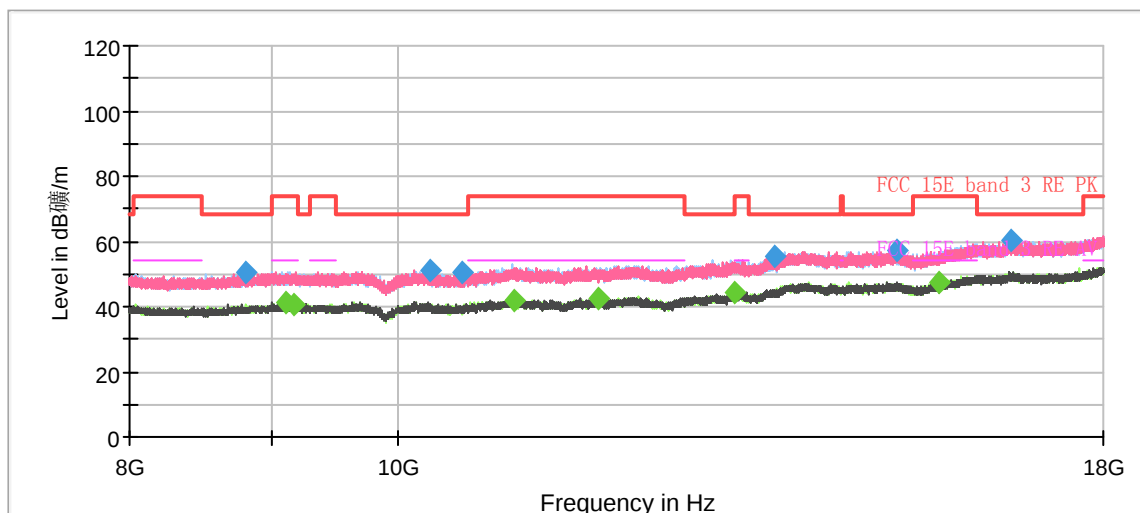
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1150.033333	---	35.97	54.00	18.03	500.0	100.0	H	0.0	-10.4
1259.233333	47.49	---	68.20	20.71	500.0	100.0	H	0.0	-9.8
1329.700000	---	39.49	54.00	14.51	500.0	200.0	V	156.0	-9.3
1708.166667	---	38.87	54.00	15.13	500.0	200.0	H	219.0	-7.1
1905.100000	50.70	---	68.20	17.50	500.0	100.0	V	235.0	-6.1
2687.233333	53.13	---	68.20	15.07	500.0	100.0	V	235.0	-3.7
2695.166667	---	42.47	54.00	11.53	500.0	200.0	H	179.0	-3.7
3218.066667	54.77	---	68.20	13.43	500.0	100.0	V	222.0	-2.1
3909.200000	---	45.13	54.00	8.87	500.0	100.0	V	222.0	0.2
5001.433333	---	47.44	54.00	6.56	500.0	100.0	H	0.0	4.1
5463.433333	56.97	---	68.20	11.23	500.0	200.0	H	328.0	4.7
7917.633333	59.34	---	68.20	8.86	500.0	100.0	V	328.0	7.9

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

802.11n (HT40) CH151



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



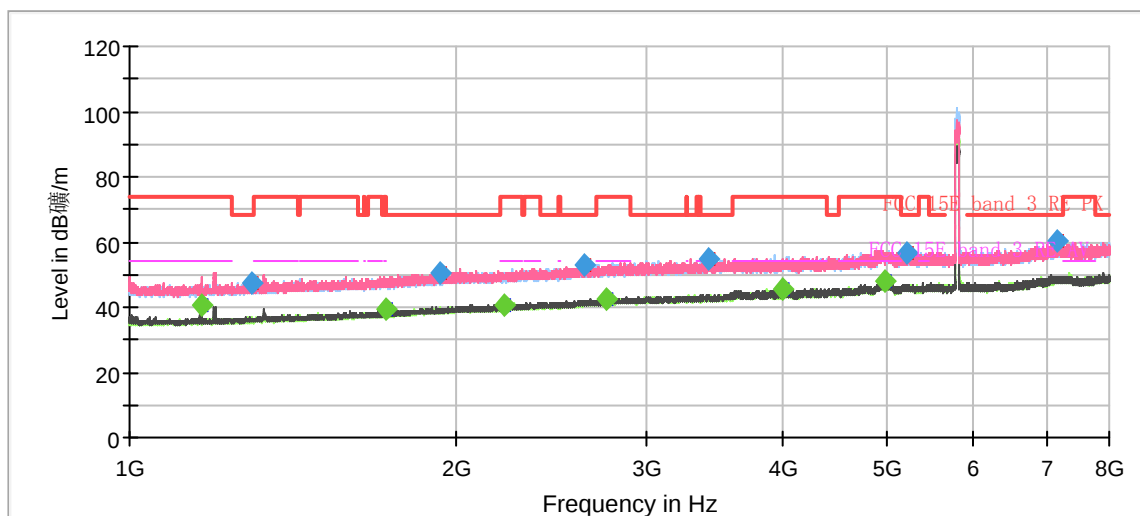
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1141.866667	---	37.60	54.00	16.40	500.0	200.0	V	152.0	-10.4
1275.333333	46.74	---	68.20	21.46	500.0	100.0	H	0.0	-9.7
1721.000000	---	38.70	54.00	15.30	500.0	100.0	H	115.0	-7.0
1995.866667	50.91	---	68.20	17.29	500.0	100.0	V	291.0	-5.6
2217.300000	---	40.55	54.00	13.45	500.0	100.0	H	248.0	-5.0
2664.133333	53.05	---	68.20	15.15	500.0	200.0	V	72.0	-3.8
2726.200000	---	42.49	54.00	11.51	500.0	100.0	V	184.0	-3.6
3257.033333	54.59	---	68.20	13.61	500.0	200.0	V	138.0	-1.9
3909.900000	---	45.40	54.00	8.60	500.0	200.0	V	125.0	0.2
4972.500000	---	47.82	54.00	6.18	500.0	100.0	H	142.0	4.1
5484.200000	58.57	---	68.20	9.63	500.0	200.0	H	339.0	4.6
7140.400000	59.95	---	68.20	8.25	500.0	200.0	H	272.0	8.2

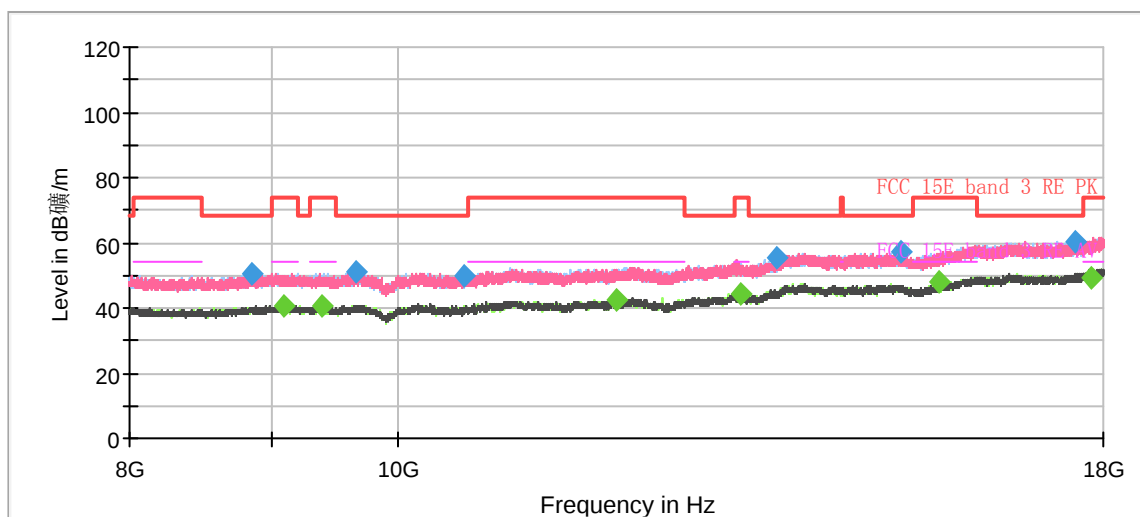
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11n (HT40) CH159



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

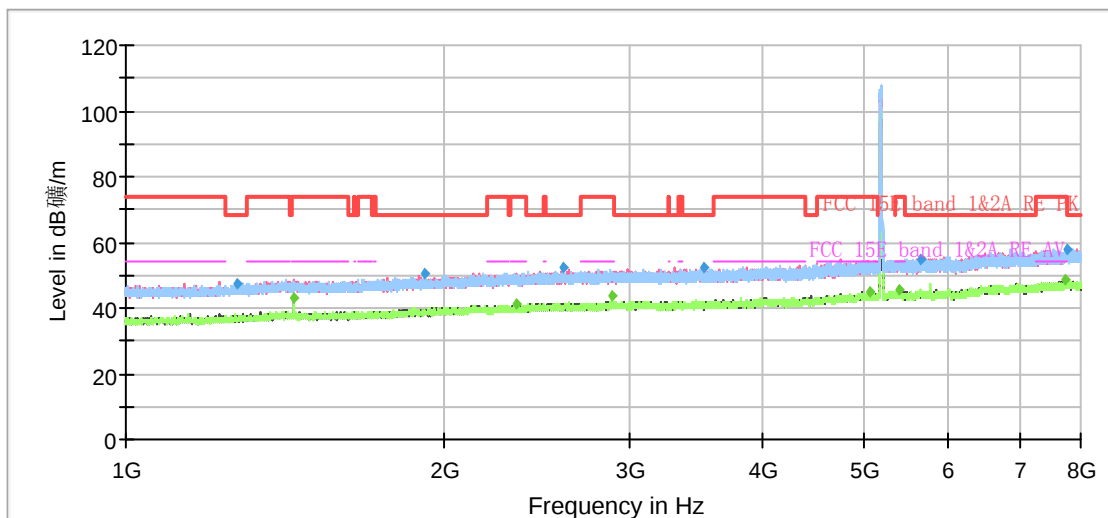


Radiates Emission from 8GHz to 18GHz

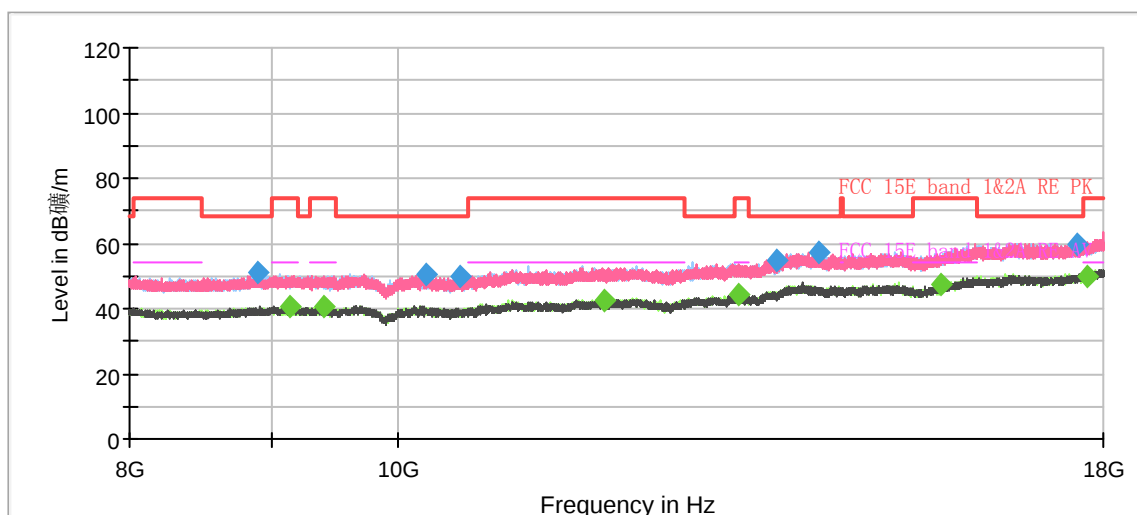
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1164.266667	---	40.51	54.00	13.49	500.0	100.0	V	143.0	-10.4
1298.900000	47.55	---	68.20	20.65	500.0	200.0	V	44.0	-9.6
1719.833333	---	39.47	54.00	14.53	500.0	100.0	V	331.0	-7.0
1935.200000	50.55	---	68.20	17.65	500.0	100.0	V	264.0	-5.9
2213.566667	---	40.63	54.00	13.37	500.0	100.0	V	344.0	-5.1
2624.233333	52.92	---	68.20	15.28	500.0	100.0	H	182.0	-4.0
2749.533333	---	42.70	54.00	11.30	500.0	100.0	H	10.0	-3.5
3411.966667	54.92	---	68.20	13.28	500.0	200.0	V	181.0	-1.5
3992.266667	---	45.43	54.00	8.57	500.0	200.0	V	111.0	0.4
4958.733333	---	47.76	54.00	6.24	500.0	200.0	V	18.0	4.1
5196.966667	56.92	---	68.20	11.28	500.0	100.0	H	208.0	3.9
7160.700000	60.14	---	68.20	8.06	500.0	200.0	V	71.0	8.2
17813.000000	---	49.39	54.00	4.61	500.0	200.0	H	246.0	5.1

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

802.11ac (VHT20) CH36



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

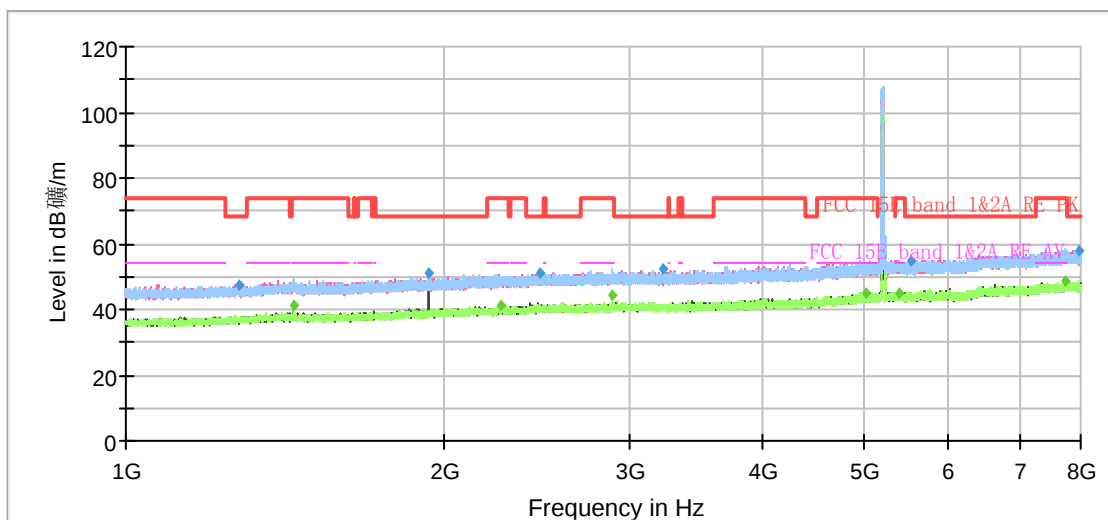


Radiates Emission from 8GHz to 18GHz

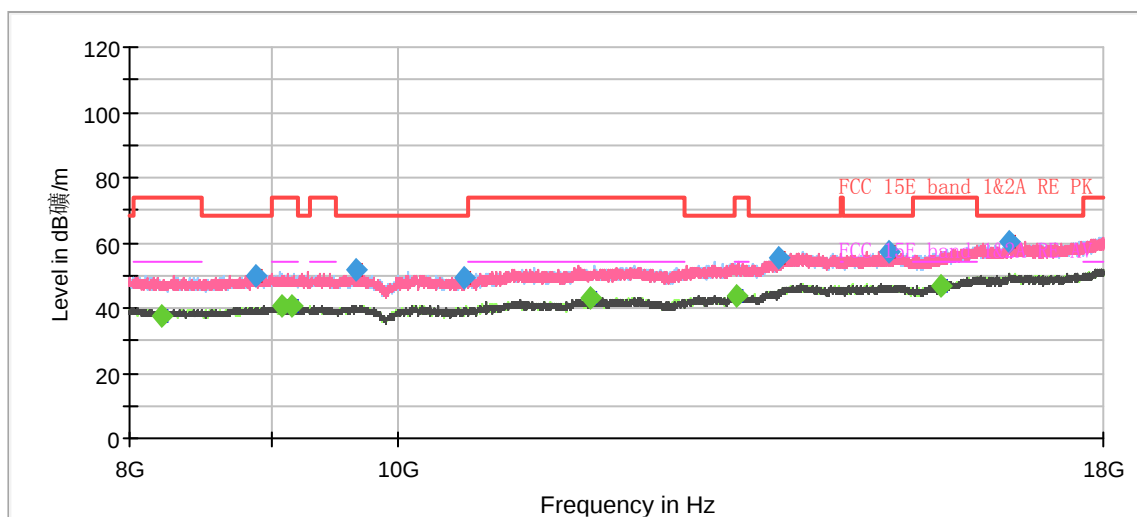
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1272.066667	47.36	---	68.20	20.84	500.0	200.0	V	1.0	-8
1440.533333	---	42.83	54.00	11.17	500.0	200.0	V	350.0	-7
1916.300000	50.18	---	68.20	18.02	500.0	200.0	H	123.0	-5
2345.633333	---	41.16	54.00	12.84	500.0	200.0	V	1.0	-4
2595.066667	52.08	---	68.20	16.12	500.0	100.0	V	359.0	-4
2881.600000	---	43.95	54.00	10.05	500.0	100.0	V	337.0	-3
3520.466667	52.19	---	68.20	16.01	500.0	200.0	H	351.0	-3
5059.066667	---	45.13	54.00	8.87	500.0	200.0	H	1.0	2
5397.866667	---	45.27	54.00	8.73	500.0	100.0	V	165.0	3
5639.600000	54.92	---	68.20	13.28	500.0	200.0	V	164.0	3
7748.000000	---	48.38	54.00	5.62	500.0	200.0	V	56.0	7
7776.000000	58.15	---	68.20	10.05	500.0	100.0	H	2.0	7
17746.666667	---	49.55	54.00	4.45	500.0	100.0	H	0.0	5

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

802.11ac (VHT20) CH40



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

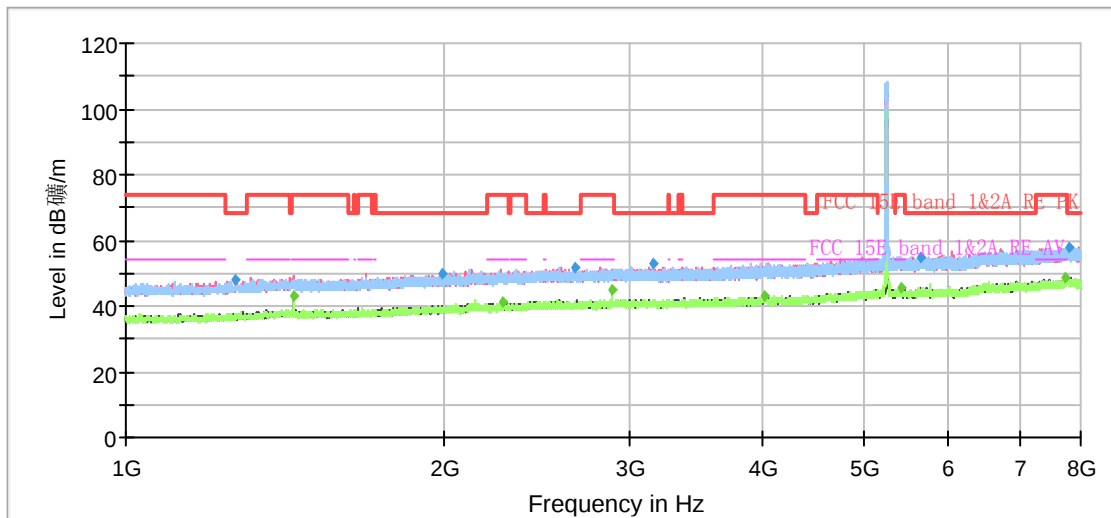


Radiates Emission from 8GHz to 18GHz

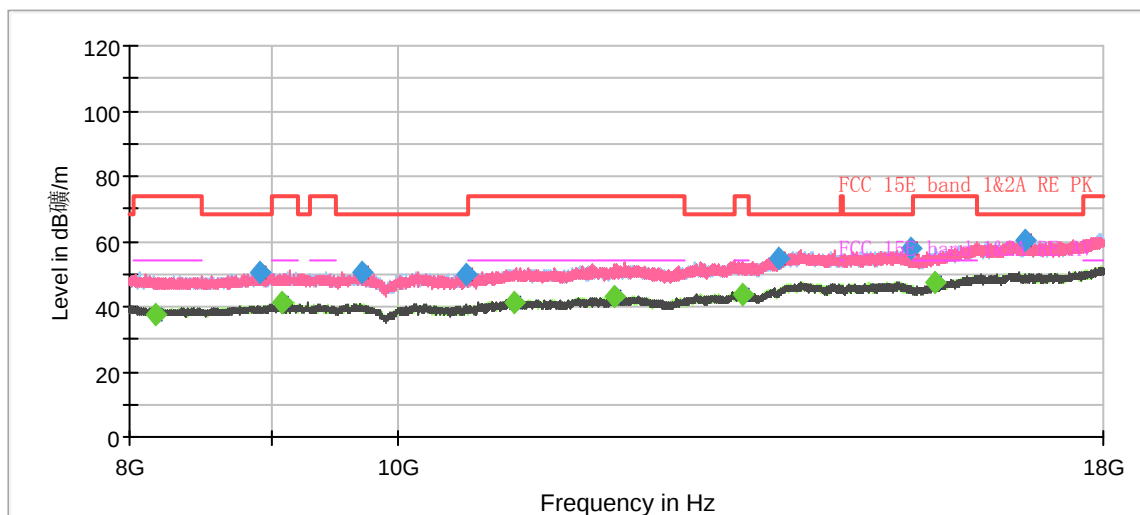
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1280.000000	47.38	---	68.20	20.82	500.0	200.0	H	302.0	-8
1440.533333	---	41.42	54.00	12.58	500.0	200.0	H	0.0	-7
1931.000000	51.32	---	68.20	16.88	500.0	200.0	V	288.0	-5
2260.933333	---	40.98	54.00	13.02	500.0	100.0	V	83.0	-4
2465.800000	51.15	---	68.20	17.05	500.0	200.0	V	219.0	-4
2881.133333	---	44.09	54.00	9.91	500.0	100.0	V	347.0	-3
3218.300000	52.43	---	68.20	15.77	500.0	200.0	V	150.0	-3
5000.733333	---	44.86	54.00	9.14	500.0	200.0	V	1.0	2
5375.466667	---	44.99	54.00	9.01	500.0	100.0	V	347.0	3
5520.366667	55.00	---	68.20	13.20	500.0	200.0	H	338.0	3
7743.800000	---	48.32	54.00	5.68	500.0	200.0	H	0.0	7
7964.300000	57.81	---	68.20	10.39	500.0	100.0	V	347.0	8

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

802.11ac (VHT20) CH48



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

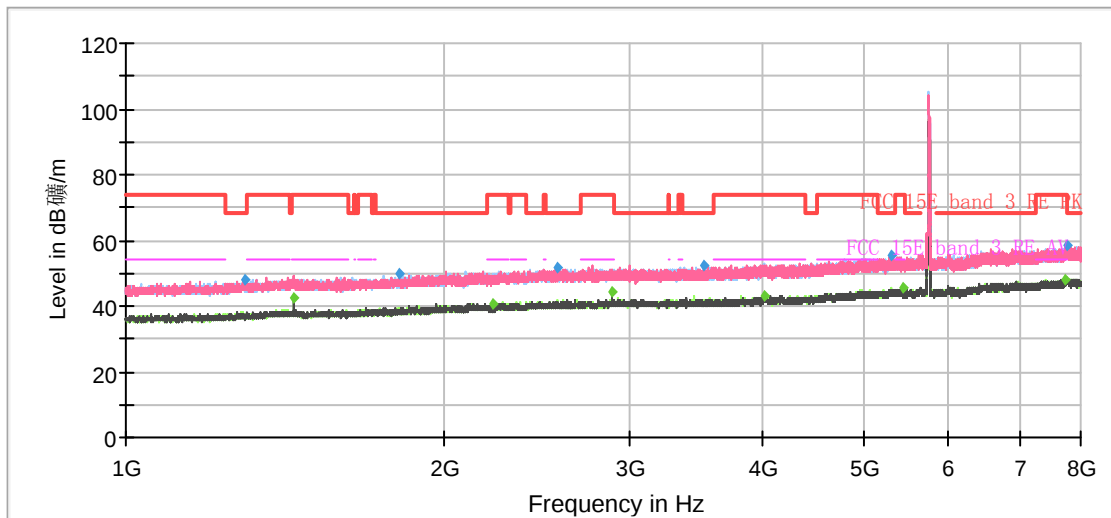


Radiates Emission from 8GHz to 18GHz

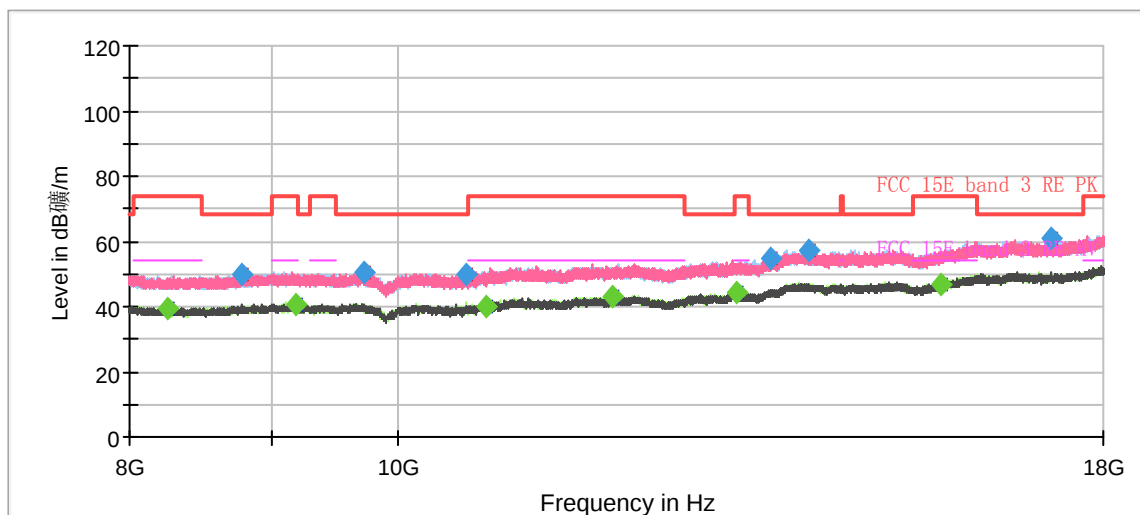
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1269.266667	47.74	---	68.20	20.46	500.0	100.0	V	329.0	-8
1440.533333	---	43.18	54.00	10.82	500.0	200.0	V	321.0	-7
1988.866667	50.05	---	68.20	18.15	500.0	200.0	V	114.0	-5
2268.400000	---	40.96	54.00	13.04	500.0	100.0	H	100.0	-4
2656.900000	51.77	---	68.20	16.43	500.0	200.0	V	181.0	-4
2881.133333	---	44.72	54.00	9.28	500.0	100.0	V	150.0	-3
3147.833333	52.64	---	68.20	15.56	500.0	100.0	H	336.0	-3
4016.766667	---	43.22	54.00	10.78	500.0	200.0	V	23.0	-1
5406.966667	---	45.23	54.00	8.77	500.0	100.0	V	191.0	3
5654.533333	55.04	---	68.20	13.16	500.0	100.0	V	0.0	3
7738.666667	---	48.65	54.00	5.35	500.0	200.0	V	9.0	7
7784.633333	58.01	---	68.20	10.19	500.0	200.0	H	340.0	7

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

802.11ac (VHT20) CH149



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

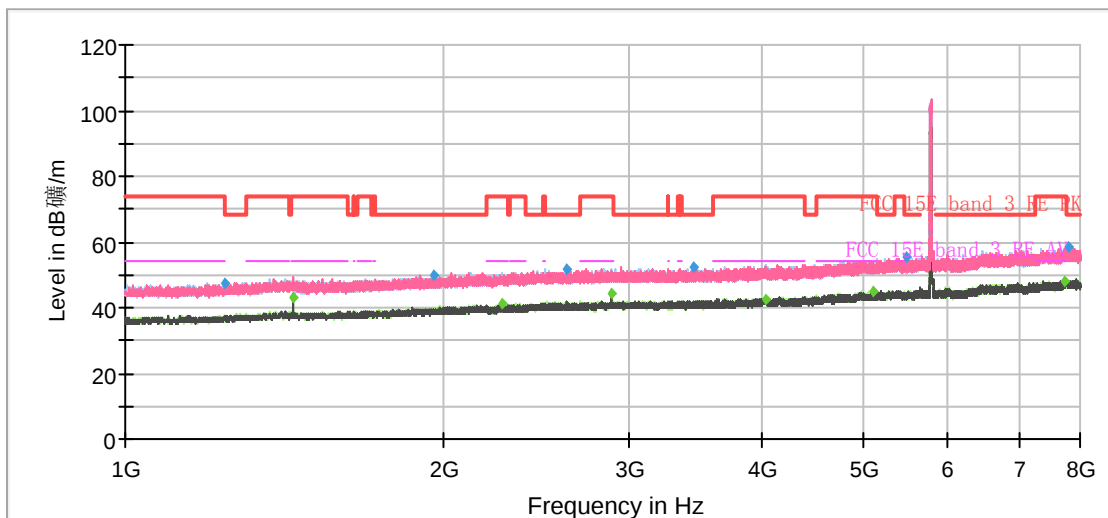


Radiates Emission from 8GHz to 18GHz

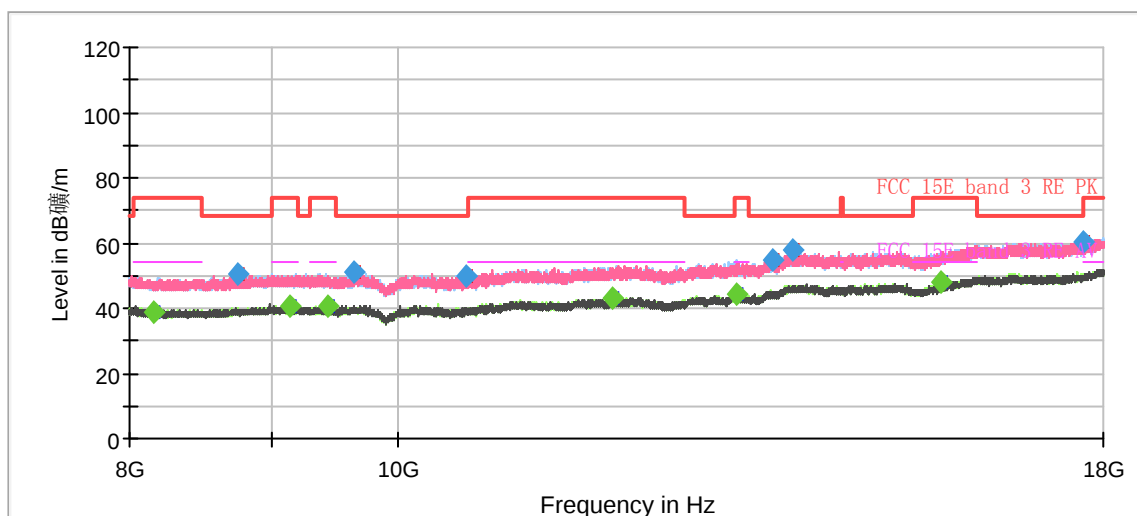
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1293.766667	47.95	---	68.20	20.25	500.0	200.0	V	205.0	-8
1440.533333	---	42.76	54.00	11.24	500.0	200.0	V	0.0	-7
1810.833333	49.90	---	68.20	18.30	500.0	200.0	H	5.0	-6
2221.266667	---	40.50	54.00	13.50	500.0	200.0	V	68.0	-4
2561.233333	51.80	---	68.20	16.40	500.0	200.0	H	123.0	-4
2881.366667	---	44.19	54.00	9.81	500.0	100.0	H	0.0	-3
3526.766667	52.38	---	68.20	15.82	500.0	100.0	H	153.0	-3
4011.866667	---	43.00	54.00	11.00	500.0	100.0	H	153.0	-1
5288.666667	55.64	---	68.20	12.56	500.0	200.0	V	338.0	2
5425.400000	---	45.53	54.00	8.47	500.0	100.0	H	276.0	3
7739.600000	---	48.03	54.00	5.97	500.0	100.0	H	349.0	7
7762.466667	58.23	---	68.20	9.97	500.0	100.0	H	316.0	7

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

802.11ac (VHT20) CH157



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

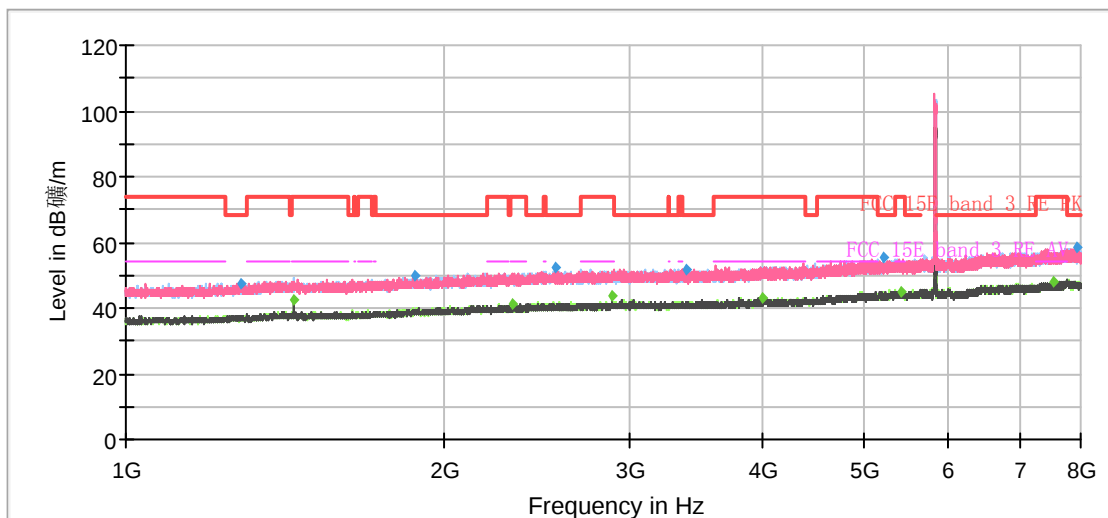


Radiates Emission from 8GHz to 18GHz

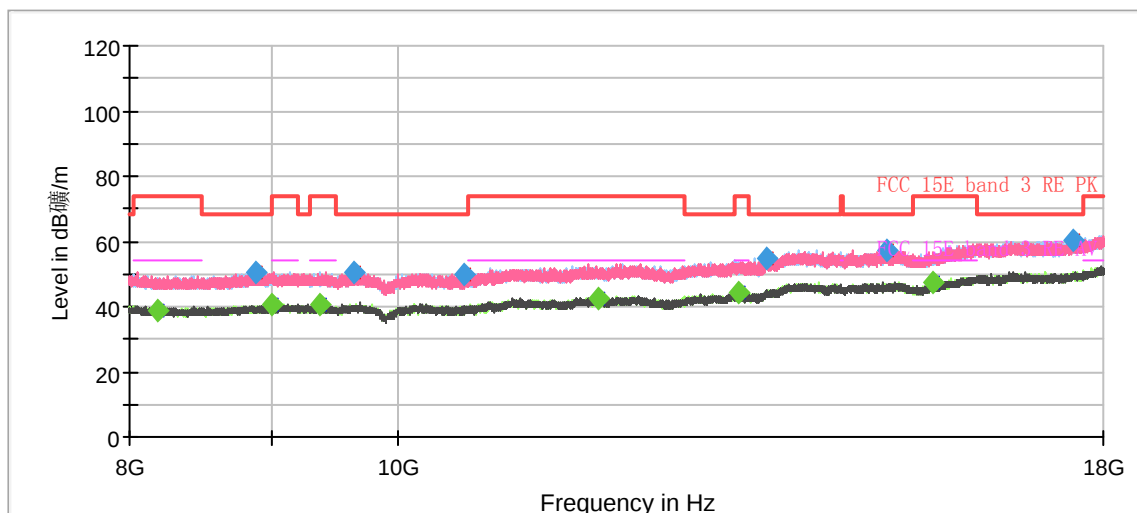
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1242.900000	47.42	---	68.20	20.78	500.0	100.0	V	0.0	-8
1440.533333	---	42.93	54.00	11.07	500.0	200.0	V	317.0	-7
1955.500000	50.05	---	68.20	18.15	500.0	100.0	V	140.0	-5
2270.033333	---	40.97	54.00	13.03	500.0	100.0	H	359.0	-4
2613.733333	51.55	---	68.20	16.65	500.0	200.0	H	0.0	-4
2881.133333	---	44.53	54.00	9.47	500.0	100.0	V	100.0	-3
3451.633333	52.02	---	68.20	16.18	500.0	200.0	H	195.0	-3
4032.400000	---	42.55	54.00	11.45	500.0	100.0	H	177.0	-1
5096.866667	---	44.95	54.00	9.05	500.0	200.0	V	139.0	2
5490.266667	55.46	---	68.20	12.74	500.0	100.0	H	82.0	3
7735.166667	---	48.26	54.00	5.74	500.0	100.0	V	209.0	7
7782.066667	58.30	---	68.20	9.90	500.0	100.0	V	47.0	7

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

802.11ac (VHT20) CH165



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

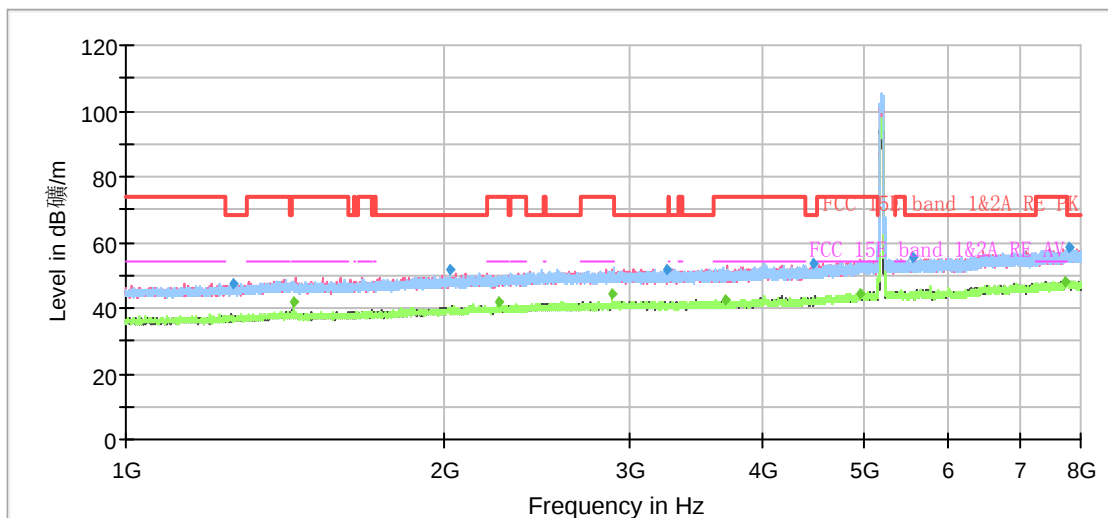


Radiates Emission from 8GHz to 18GHz

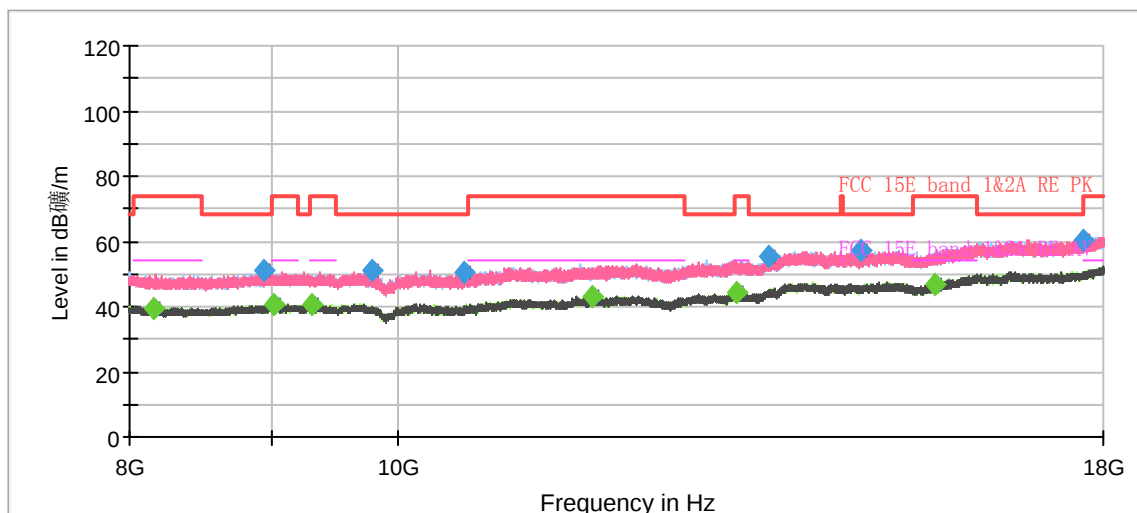
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1285.133333	47.54	---	68.20	20.66	500.0	100.0	V	34.0	-8
1440.766667	---	42.46	54.00	11.54	500.0	200.0	V	346.0	-7
1877.100000	50.01	---	68.20	18.19	500.0	200.0	V	352.0	-5
2318.800000	---	40.97	54.00	13.03	500.0	200.0	V	249.0	-4
2549.800000	52.11	---	68.20	16.09	500.0	100.0	H	0.0	-4
2880.900000	---	43.59	54.00	10.41	500.0	100.0	V	100.0	-3
3389.333333	51.78	---	68.20	16.42	500.0	200.0	H	143.0	-3
4001.366667	---	43.01	54.00	10.99	500.0	200.0	V	136.0	-1
5199.766667	55.15	---	68.20	13.05	500.0	100.0	H	195.0	2
5399.500000	---	45.06	54.00	8.94	500.0	100.0	H	355.0	3
7541.033333	---	48.07	54.00	5.93	500.0	100.0	H	314.0	7
7944.700000	58.26	---	68.20	9.94	500.0	200.0	H	143.0	8

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

802.11ac (VHT40) CH38



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

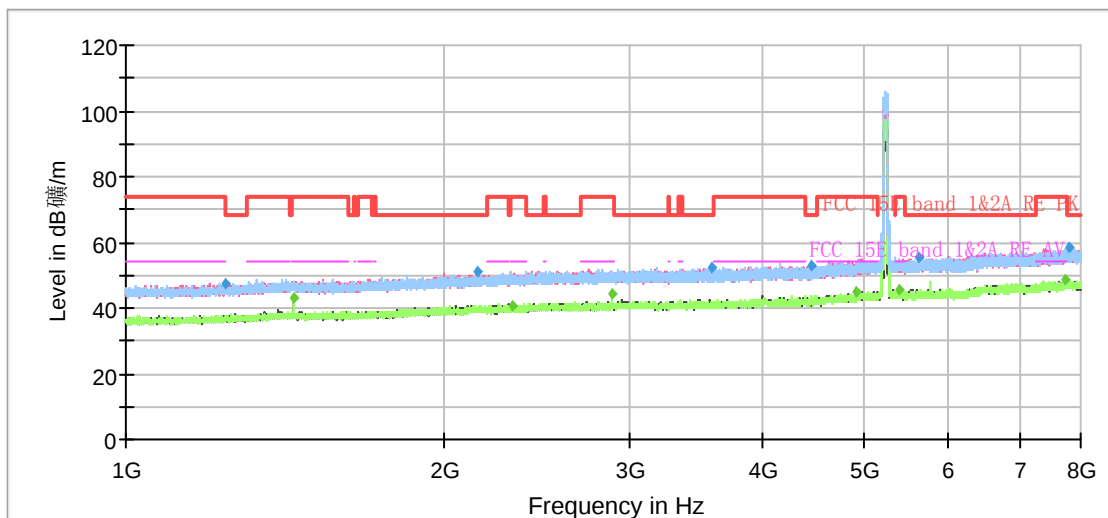


Radiates Emission from 8GHz to 18GHz

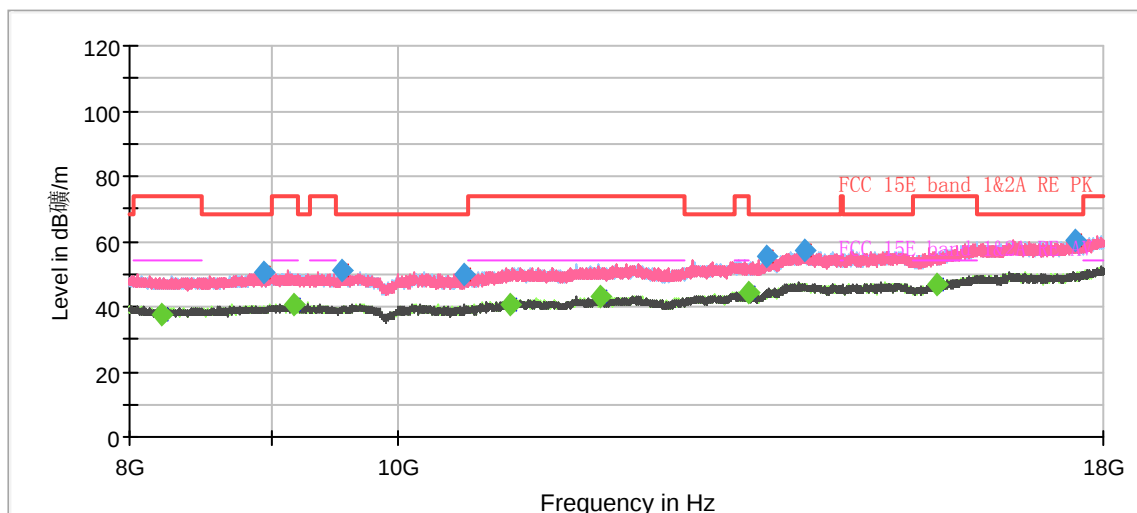
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1261.566667	47.28	---	68.20	20.92	500.0	200.0	H	232.0	-8
1440.533333	---	42.12	54.00	11.88	500.0	200.0	V	0.0	-7
2025.033333	51.51	---	68.20	16.69	500.0	100.0	H	280.0	-5
2249.500000	---	41.59	54.00	12.41	500.0	200.0	V	4.0	-4
2881.366667	---	44.34	54.00	9.66	500.0	100.0	V	336.0	-3
3248.633333	51.86	---	68.20	16.34	500.0	100.0	V	190.0	-3
3697.100000	---	42.48	54.00	11.52	500.0	200.0	V	306.0	-2
4471.766667	53.69	---	68.20	14.52	500.0	100.0	H	336.0	0
4944.033333	---	44.32	54.00	9.68	500.0	100.0	H	20.0	2
5538.566667	55.28	---	68.20	12.92	500.0	100.0	V	176.0	3
7731.900000	---	48.26	54.00	5.74	500.0	100.0	V	359.0	7
7801.900000	58.41	---	68.20	9.79	500.0	200.0	H	314.0	7

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

802.11ac (VHT40) CH46



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

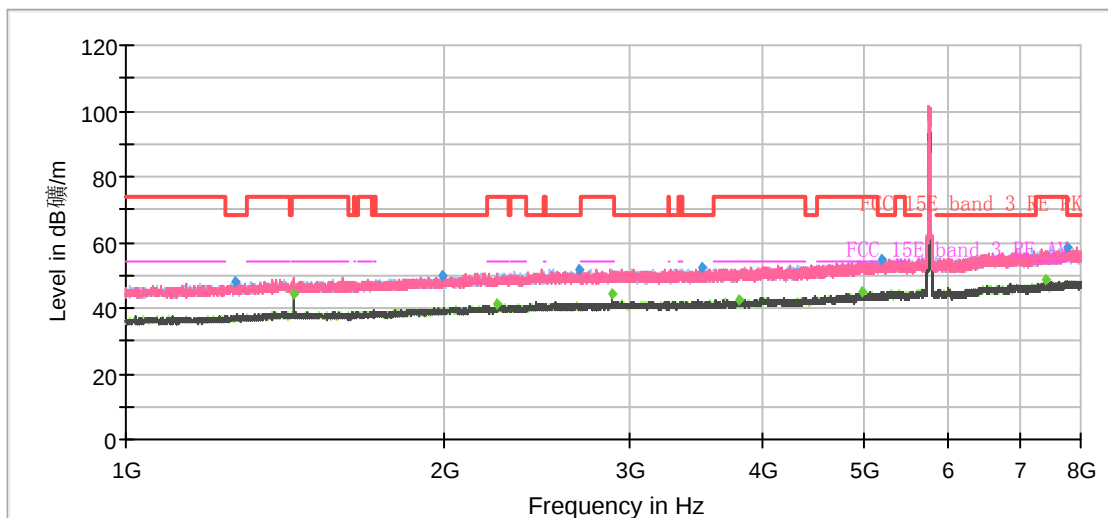


Radiates Emission from 8GHz to 18GHz

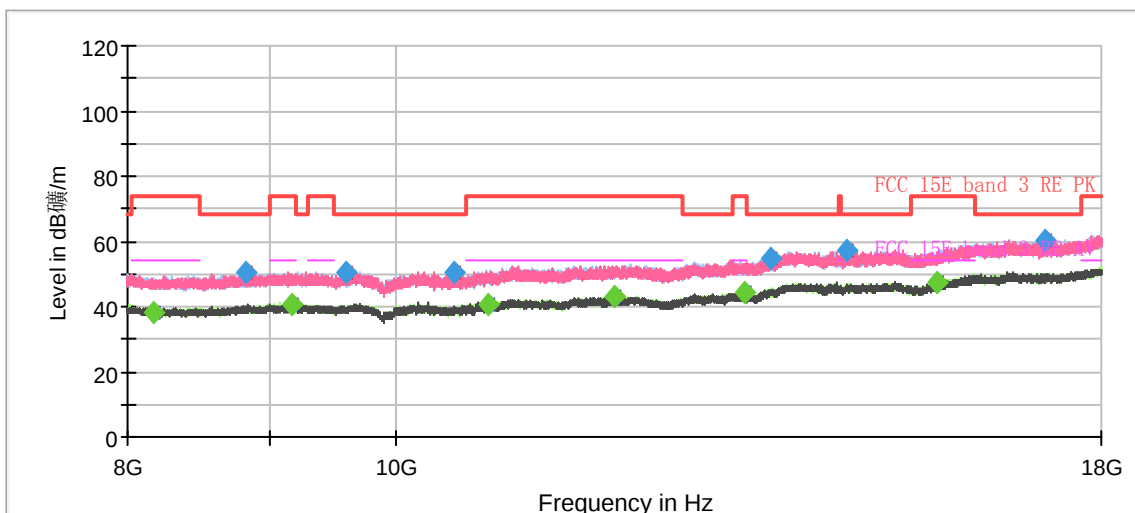
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1243.366667	47.29	---	68.20	20.91	500.0	200.0	V	0.0	-8
1440.766667	---	43.24	54.00	10.76	500.0	200.0	V	318.0	-7
2146.833333	51.31	---	68.20	16.89	500.0	200.0	H	359.0	-5
2319.266667	---	40.60	54.00	13.40	500.0	100.0	V	68.0	-4
2881.366667	---	44.14	54.00	9.86	500.0	100.0	V	341.0	-3
3577.866667	52.21	---	68.20	15.99	500.0	200.0	H	124.0	-3
4443.766667	53.18	---	68.20	15.02	500.0	200.0	V	164.0	0
4901.566667	---	44.62	54.00	9.38	500.0	100.0	V	277.0	1
5381.533333	---	45.69	54.00	8.31	500.0	100.0	V	305.0	3
5616.966667	55.43	---	68.20	12.77	500.0	100.0	V	165.0	3
7734.933333	---	48.68	54.00	5.32	500.0	100.0	V	138.0	7
7791.400000	58.59	---	68.20	9.61	500.0	200.0	V	333.0	7

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

802.11ac (VHT40) CH151



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

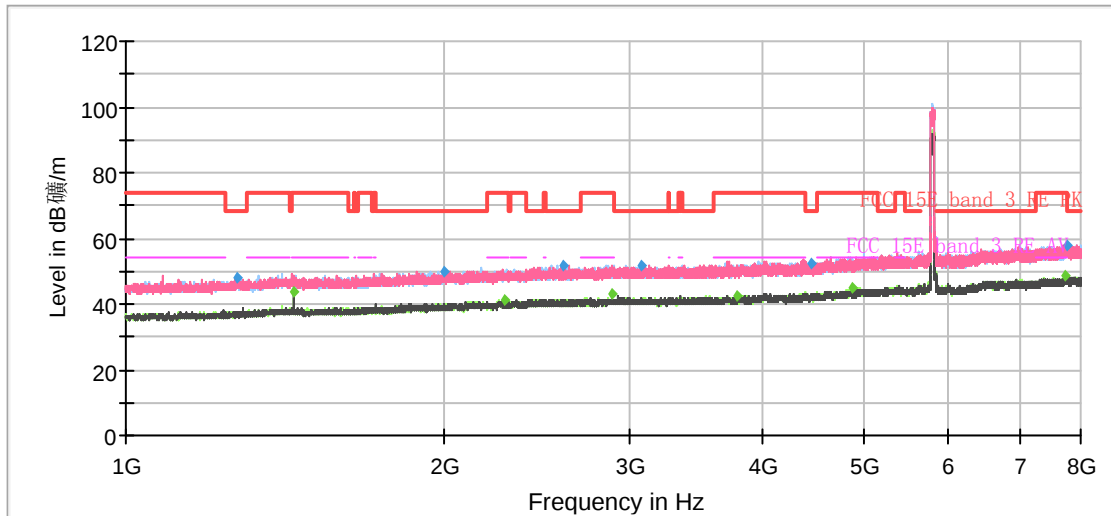


Radiates Emission from 8GHz to 18GHz

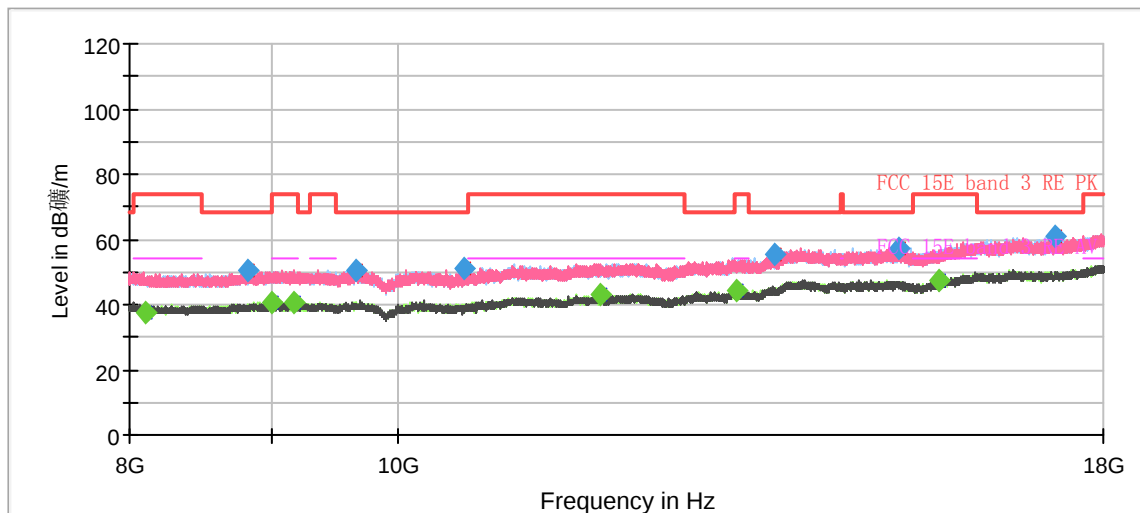
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1269.266667	47.72	---	68.20	20.48	500.0	100.0	V	358.0	-8
1440.533333	---	44.38	54.00	9.62	500.0	200.0	V	331.0	-7
1990.966667	49.56	---	68.20	18.64	500.0	200.0	V	279.0	-5
2247.400000	---	41.01	54.00	12.99	500.0	100.0	V	237.0	-4
2682.333333	51.92	---	68.20	16.28	500.0	100.0	H	115.0	-3
2881.366667	---	44.12	54.00	9.88	500.0	100.0	V	102.0	-3
3503.900000	52.39	---	68.20	15.81	500.0	100.0	V	183.0	-3
3807.466667	---	42.54	54.00	11.46	500.0	100.0	V	14.0	-2
4971.333333	---	44.78	54.00	9.22	500.0	200.0	V	198.0	2
5185.300000	54.60	---	68.20	13.60	500.0	200.0	V	292.0	2
7423.900000	---	48.32	54.00	5.68	500.0	200.0	H	1.0	7
7769.466667	58.51	---	68.20	9.69	500.0	200.0	V	40.0	7

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

802.11ac (VHT40) CH159



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

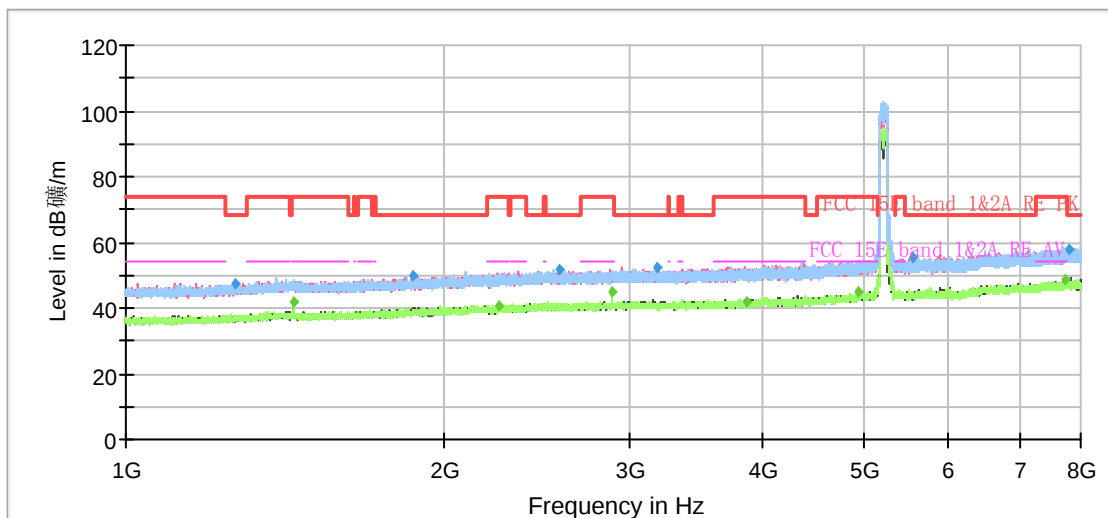


Radiates Emission from 8GHz to 18GHz

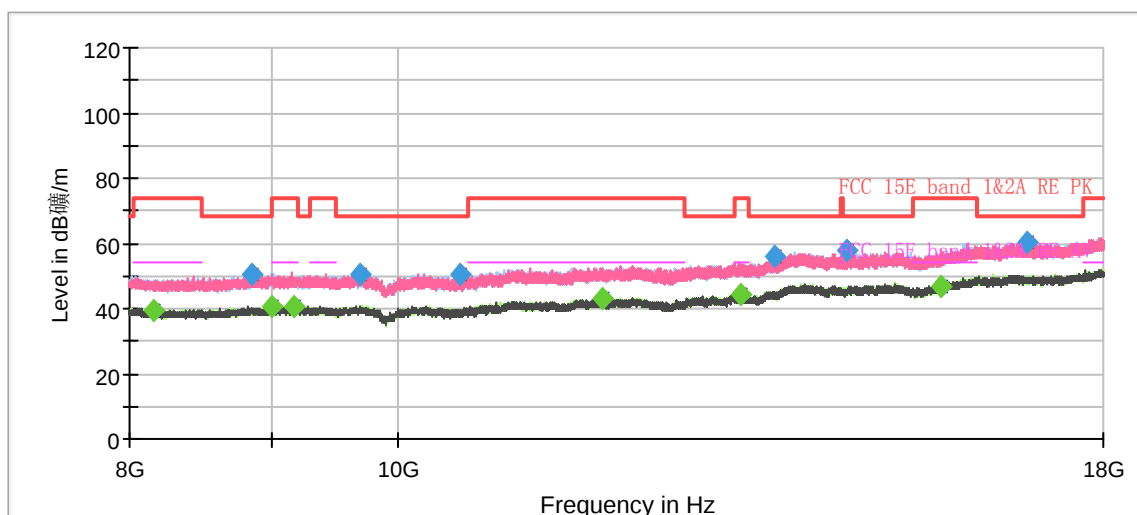
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1271.600000	47.82	---	68.20	20.38	500.0	200.0	H	153.0	-8
1440.533333	---	43.54	54.00	10.46	500.0	200.0	V	314.0	-7
1997.500000	49.67	---	68.20	18.53	500.0	200.0	H	2.0	-5
2279.133333	---	41.09	54.00	12.91	500.0	200.0	H	126.0	-4
2596.466667	51.81	---	68.20	16.39	500.0	100.0	H	223.0	-4
2881.366667	---	43.36	54.00	10.64	500.0	100.0	H	358.0	-3
3072.933333	51.57	---	68.20	16.63	500.0	200.0	V	358.0	-3
3790.433333	---	42.53	54.00	11.47	500.0	100.0	V	100.0	-2
4451.933333	52.49	---	68.20	15.71	500.0	100.0	V	208.0	0
4868.666667	---	44.75	54.00	9.25	500.0	200.0	V	352.0	1
7746.366667	---	48.42	54.00	5.58	500.0	100.0	H	210.0	7
7765.266667	57.91	---	68.20	10.29	500.0	100.0	V	14.0	7

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

802.11ac (VHT80) CH42



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

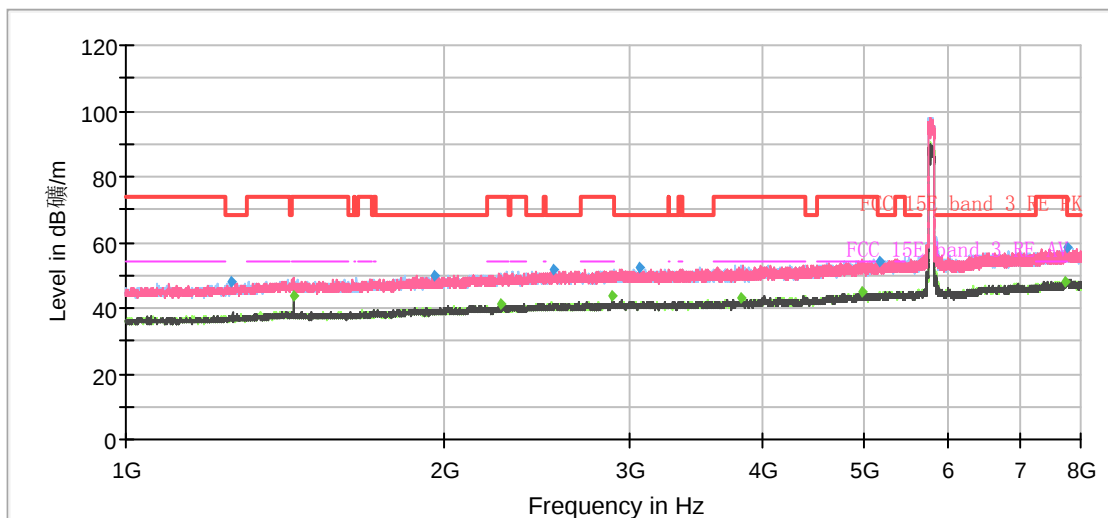


Radiates Emission from 8GHz to 18GHz

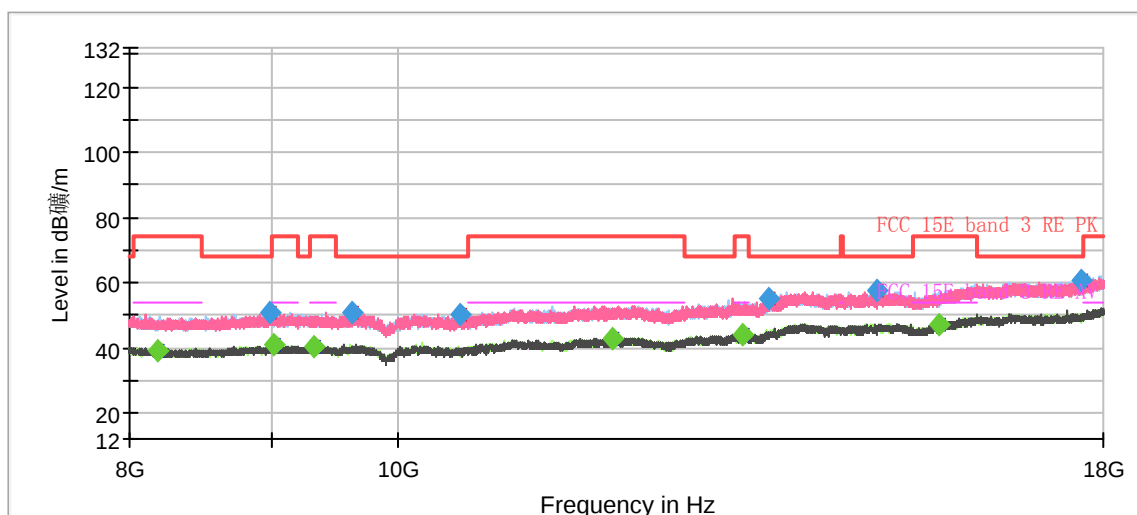
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1270.200000	47.63	---	68.20	20.57	500.0	200.0	V	320.0	-8
1440.533333	---	42.15	54.00	11.85	500.0	200.0	H	0.0	-7
1870.566667	49.58	---	68.20	18.62	500.0	100.0	H	64.0	-5
2249.033333	---	40.58	54.00	13.42	500.0	100.0	H	136.0	-4
2571.733333	51.96	---	68.20	16.24	500.0	200.0	V	181.0	-4
2881.133333	---	44.75	54.00	9.25	500.0	100.0	V	338.0	-3
3184.000000	52.10	---	68.20	16.10	500.0	200.0	H	0.0	-3
3872.800000	---	42.06	54.00	11.94	500.0	100.0	V	0.0	-2
4935.166667	---	45.19	54.00	8.81	500.0	100.0	H	109.0	2
5545.800000	55.11	---	68.20	13.09	500.0	200.0	H	10.0	3
7735.166667	---	48.37	54.00	5.63	500.0	100.0	V	0.0	7
7783.000000	57.73	---	68.20	10.47	500.0	200.0	H	100.0	7

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

802.11ac (VHT80) CH155



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

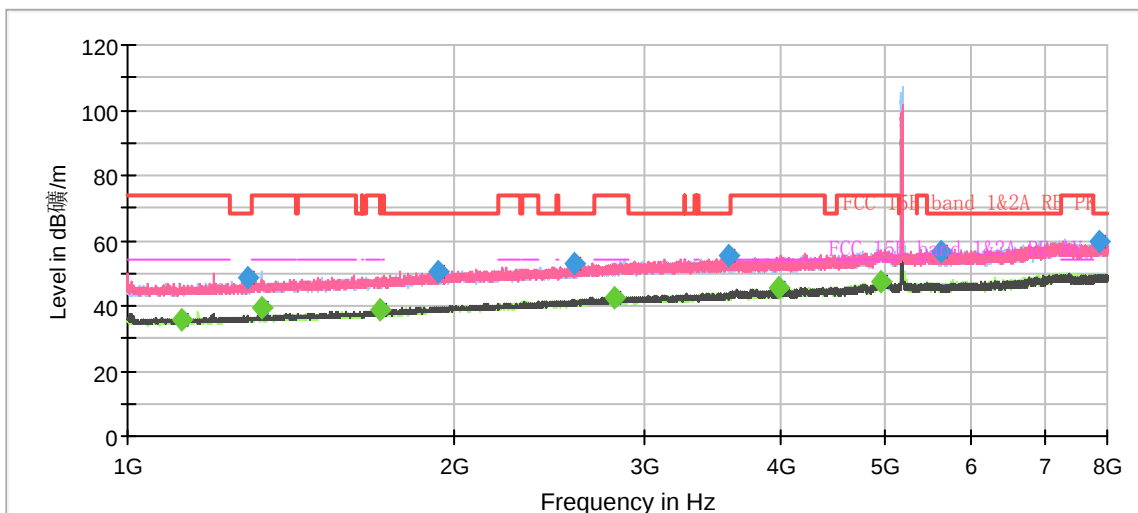


Radiates Emission from 8GHz to 18GHz

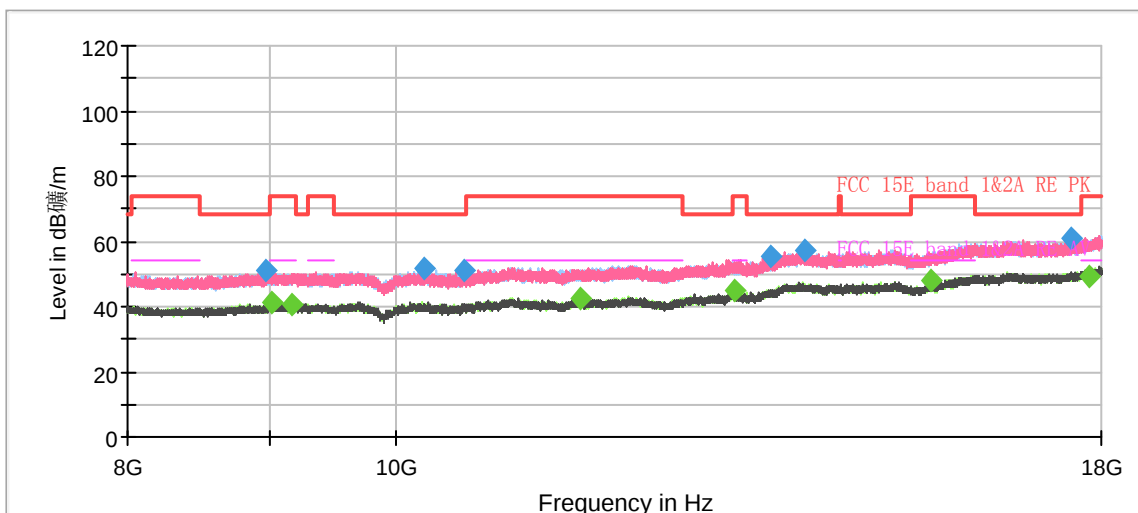
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1257.366667	47.90	---	68.20	20.30	500.0	100.0	V	30.0	-8
1440.533333	---	43.87	54.00	10.13	500.0	200.0	V	328.0	-7
1954.566667	49.74	---	68.20	18.46	500.0	100.0	V	151.0	-5
2264.433333	---	41.22	54.00	12.78	500.0	100.0	H	356.0	-4
2540.466667	51.65	---	68.20	16.55	500.0	100.0	H	0.0	-4
2881.366667	---	43.84	54.00	10.16	500.0	100.0	H	356.0	-3
3058.233333	52.06	---	68.20	16.14	500.0	100.0	H	330.0	-3
3815.166667	---	42.88	54.00	11.12	500.0	200.0	V	352.0	-2
4962.700000	---	44.99	54.00	9.01	500.0	100.0	V	10.0	2
5169.666667	54.02	---	68.20	14.18	500.0	200.0	H	72.0	2
7717.200000	---	48.30	54.00	5.70	500.0	100.0	V	4.0	7
7768.766667	58.16	---	68.20	10.04	500.0	200.0	H	11.0	7

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

802.11ax (HE20) CH36



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

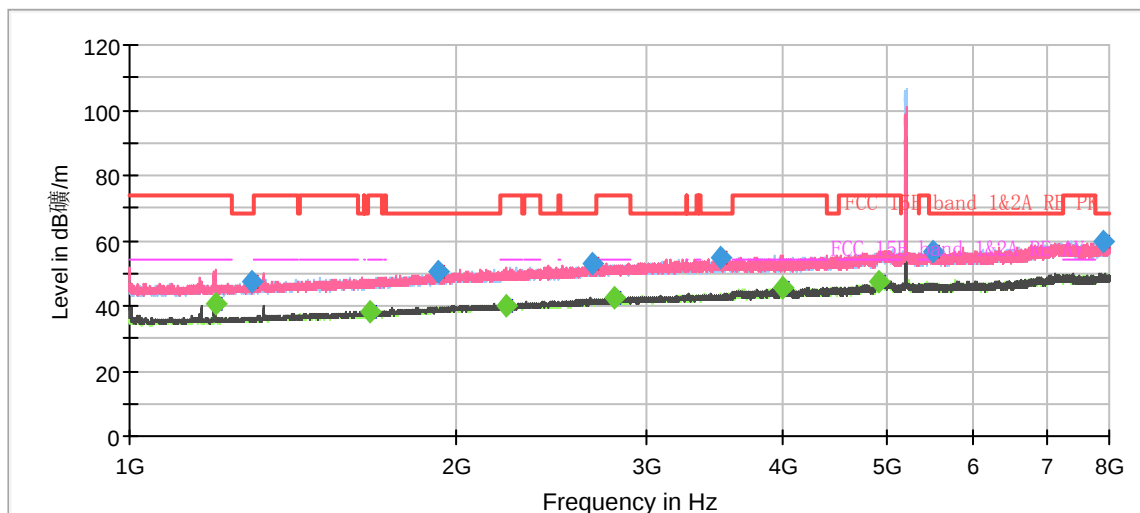


Radiates Emission from 8GHz to 18GHz

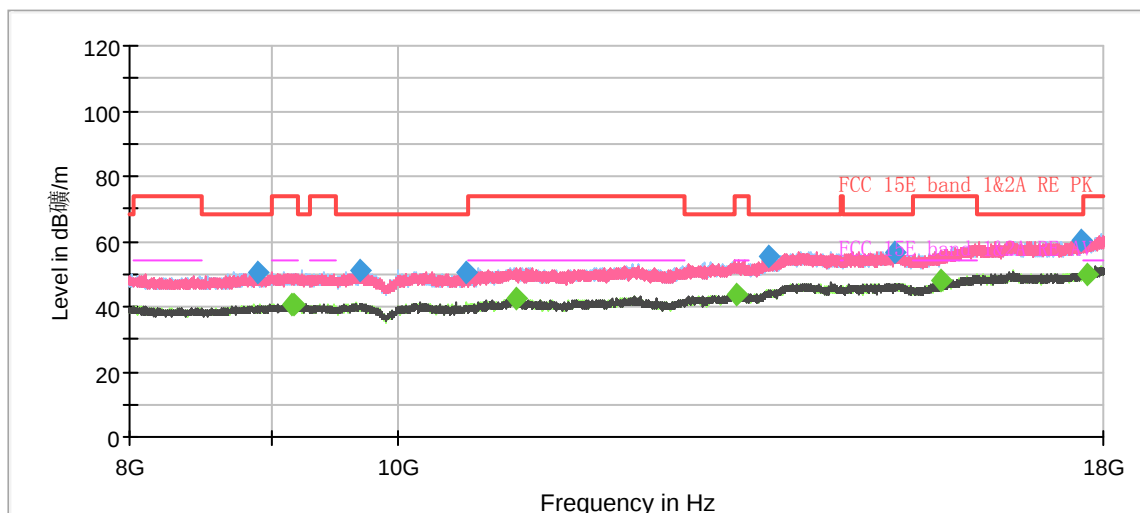
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1122.266667	---	35.49	54.00	18.51	500.0	200.0	H	54.0	-10.6
1293.300000	48.65	---	68.20	19.55	500.0	100.0	V	181.0	-9.6
1331.566667	---	39.10	54.00	14.90	500.0	200.0	H	124.0	-9.3
1708.866667	---	38.58	54.00	15.42	500.0	100.0	V	354.0	-7.1
1934.733333	50.68	---	68.20	17.52	500.0	100.0	V	275.0	-5.9
2576.166667	52.89	---	68.20	15.31	500.0	100.0	V	58.0	-4.3
2804.833333	---	42.48	54.00	11.52	500.0	200.0	H	0.0	-3.4
3583.700000	55.11	---	68.20	13.09	500.0	200.0	H	0.0	-1.0
3991.100000	---	45.32	54.00	8.68	500.0	100.0	V	127.0	0.4
4938.900000	---	47.56	54.00	6.44	500.0	100.0	V	100.0	4.0
5621.166667	56.43	---	68.20	11.77	500.0	100.0	V	354.0	4.6
7857.900000	59.65	---	68.20	8.55	500.0	200.0	H	206.0	8.0
17807.333333	---	49.31	54.00	4.69	500.0	200.0	H	243.0	5.1

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

802.11ax (HE20) CH40



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

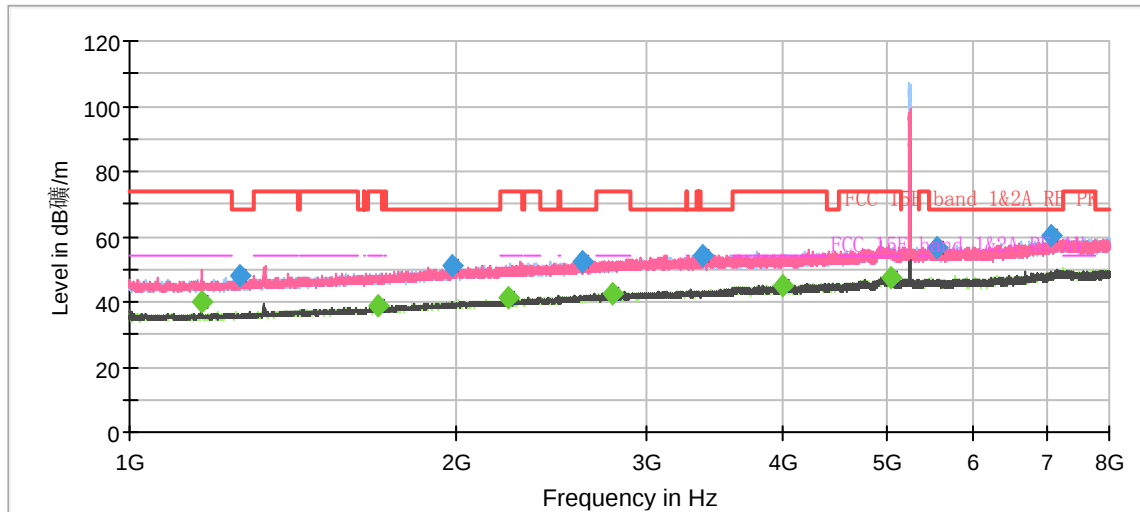


Radiates Emission from 8GHz to 18GHz

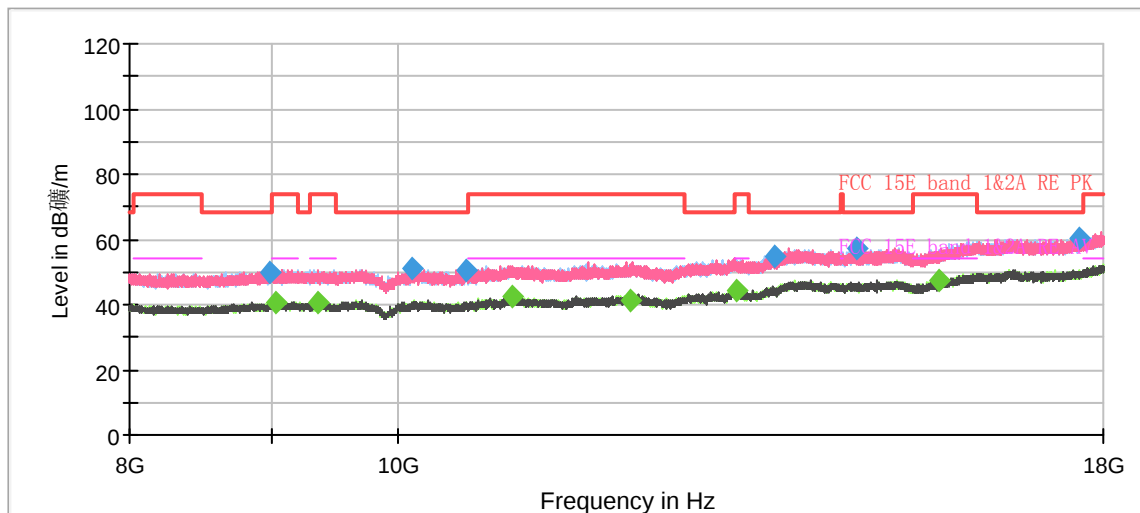
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1199.033333	---	40.33	54.00	13.67	500.0	100.0	V	0.0	-10.2
1298.433333	47.18	---	68.20	21.02	500.0	100.0	H	0.0	-9.6
1665.000000	---	38.34	54.00	15.66	500.0	100.0	V	85.0	-7.3
1925.866667	50.17	---	68.20	18.03	500.0	200.0	H	246.0	-5.9
2226.866667	---	40.04	54.00	13.96	500.0	100.0	H	263.0	-5.0
2668.800000	52.65	---	68.20	15.55	500.0	100.0	V	127.0	-3.8
2804.366667	---	42.40	54.00	11.60	500.0	100.0	V	0.0	-3.4
3506.000000	54.49	---	68.20	13.71	500.0	100.0	V	303.0	-1.2
3997.400000	---	45.26	54.00	8.74	500.0	100.0	V	167.0	0.5
4897.366667	---	47.45	54.00	6.55	500.0	200.0	H	0.0	3.6
5496.100000	56.57	---	68.20	11.63	500.0	200.0	H	110.0	4.6
7882.633333	59.80	---	68.20	8.40	500.0	200.0	V	0.0	8.0
17751.666667	---	49.88	54.00	4.12	500.0	200.0	H	338.0	5.0

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

802.11ax (HE20) CH48



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

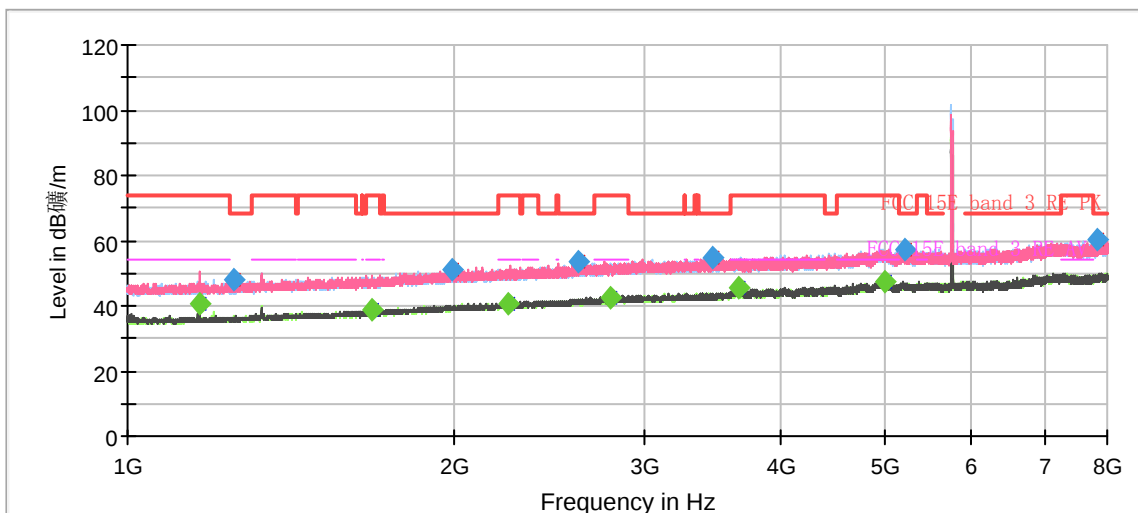


Radiates Emission from 8GHz to 18GHz

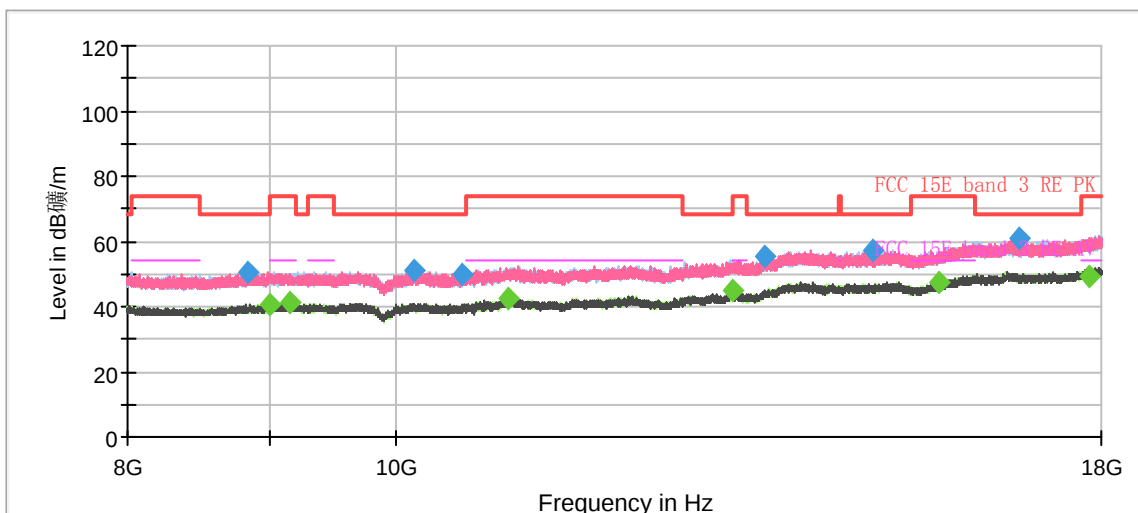
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1164.966667	---	40.15	54.00	13.85	500.0	100.0	V	138.0	-10.4
1265.766667	48.07	---	68.20	20.13	500.0	200.0	H	0.0	-9.8
1693.933333	---	38.63	54.00	15.37	500.0	200.0	V	348.0	-7.2
1984.900000	50.96	---	68.20	17.24	500.0	100.0	V	339.0	-5.7
2230.133333	---	41.34	54.00	12.66	500.0	100.0	V	0.0	-5.0
2612.800000	52.48	---	68.20	15.72	500.0	100.0	H	194.0	-4.1
2788.500000	---	42.45	54.00	11.55	500.0	200.0	V	8.0	-3.4
3374.166667	54.40	---	68.20	13.80	500.0	200.0	H	352.0	-1.6
3997.400000	---	44.86	54.00	9.14	500.0	100.0	V	0.0	0.5
5033.633333	---	47.23	54.00	6.77	500.0	100.0	H	21.0	4.0
5556.533333	56.74	---	68.20	11.46	500.0	100.0	H	194.0	4.7
7071.566667	60.05	---	68.20	8.15	500.0	200.0	V	103.0	7.8

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

802.11ax (HE20) CH149



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

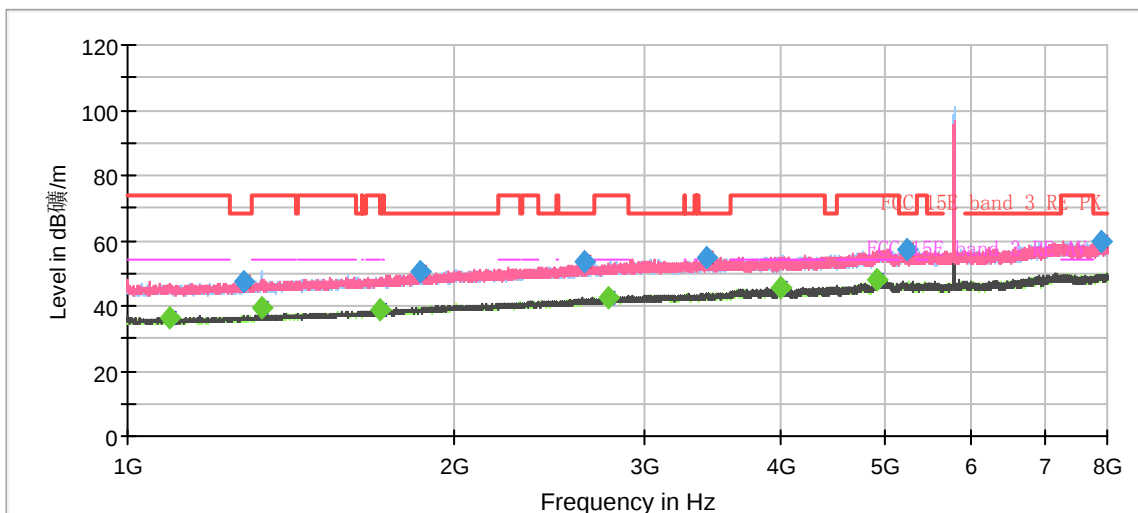


Radiates Emission from 8GHz to 18GHz

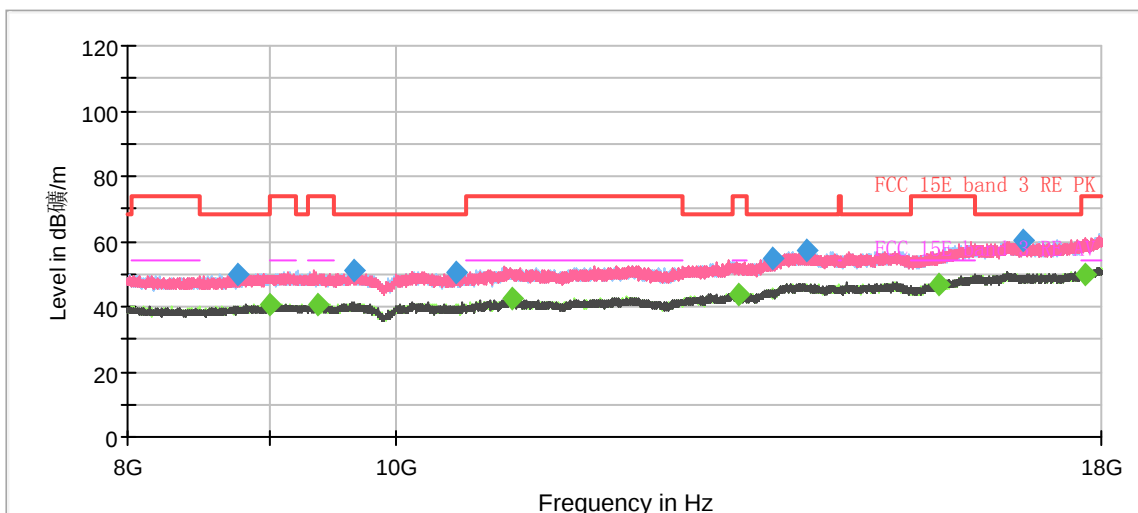
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1165.666667	---	40.38	54.00	13.62	500.0	100.0	V	143.0	-10.4
1252.233333	48.04	---	68.20	20.16	500.0	100.0	H	218.0	-9.9
1679.000000	---	38.51	54.00	15.49	500.0	200.0	V	17.0	-7.3
1995.166667	51.00	---	68.20	17.20	500.0	200.0	H	246.0	-5.6
2239.000000	---	40.51	54.00	13.49	500.0	100.0	V	102.0	-5.0
2606.966667	53.36	---	68.20	14.84	500.0	200.0	V	17.0	-4.1
2786.166667	---	42.61	54.00	11.39	500.0	100.0	V	238.0	-3.4
3467.733333	54.57	---	68.20	13.63	500.0	200.0	V	137.0	-1.4
3655.100000	---	45.25	54.00	8.75	500.0	100.0	H	71.0	-0.3
4988.833333	---	47.51	54.00	6.49	500.0	100.0	V	88.0	4.1
5214.000000	57.22	---	68.20	10.98	500.0	100.0	V	291.0	3.9
7835.733333	60.08	---	68.20	8.12	500.0	100.0	H	98.0	8.0
17820.000000	---	49.35	54.00	4.65	500.0	200.0	H	280.0	5.1

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

802.11ax (HE20) CH157



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

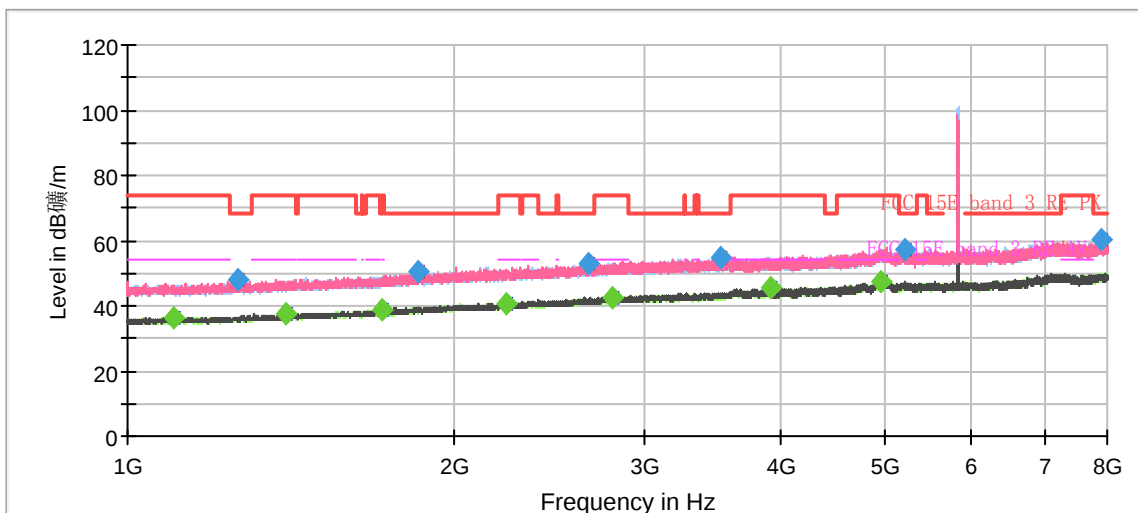


Radiates Emission from 8GHz to 18GHz

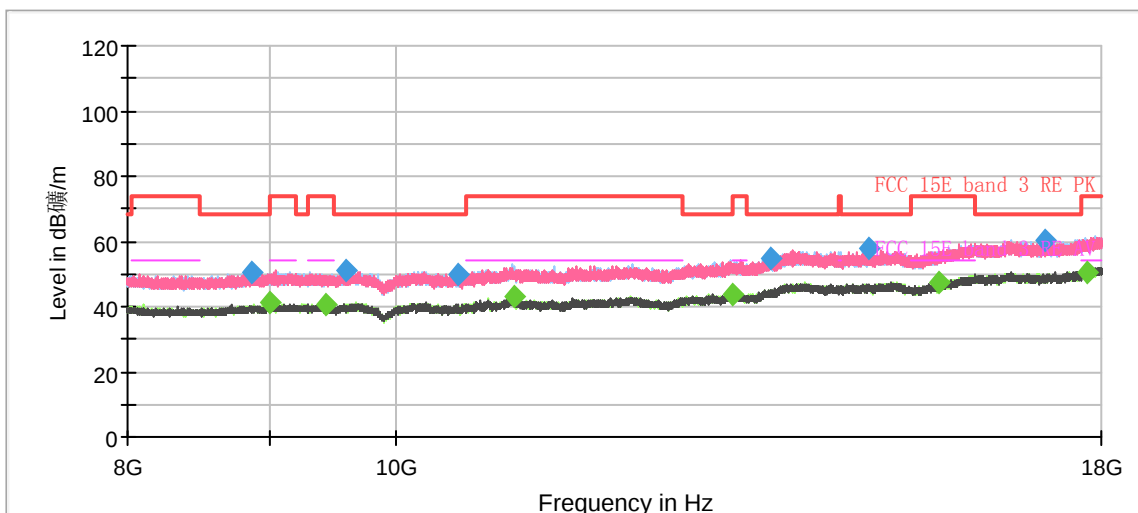
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1094.966667	---	36.56	54.00	17.44	500.0	200.0	V	136.0	-10.7
1277.666667	47.25	---	68.20	20.95	500.0	200.0	H	338.0	-9.7
1331.100000	---	39.64	54.00	14.36	500.0	200.0	H	123.0	-9.3
1706.533333	---	38.73	54.00	15.27	500.0	200.0	V	190.0	-7.1
1862.633333	50.51	---	68.20	17.69	500.0	100.0	V	235.0	-6.3
2640.100000	53.54	---	68.20	14.66	500.0	100.0	V	0.0	-4.0
2770.300000	---	42.70	54.00	11.30	500.0	200.0	V	206.0	-3.5
3410.566667	54.77	---	68.20	13.43	500.0	200.0	V	82.0	-1.5
3998.566667	---	45.46	54.00	8.54	500.0	100.0	V	355.0	0.5
4900.400000	---	47.87	54.00	6.13	500.0	100.0	H	57.0	3.6
5218.200000	57.35	---	68.20	10.85	500.0	100.0	V	248.0	4.0
7892.900000	59.89	---	68.20	8.31	500.0	200.0	H	351.0	8.0
17768.666667	---	49.67	54.00	4.33	500.0	200.0	H	0.0	5.0

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

802.11ax (HE20) CH165



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

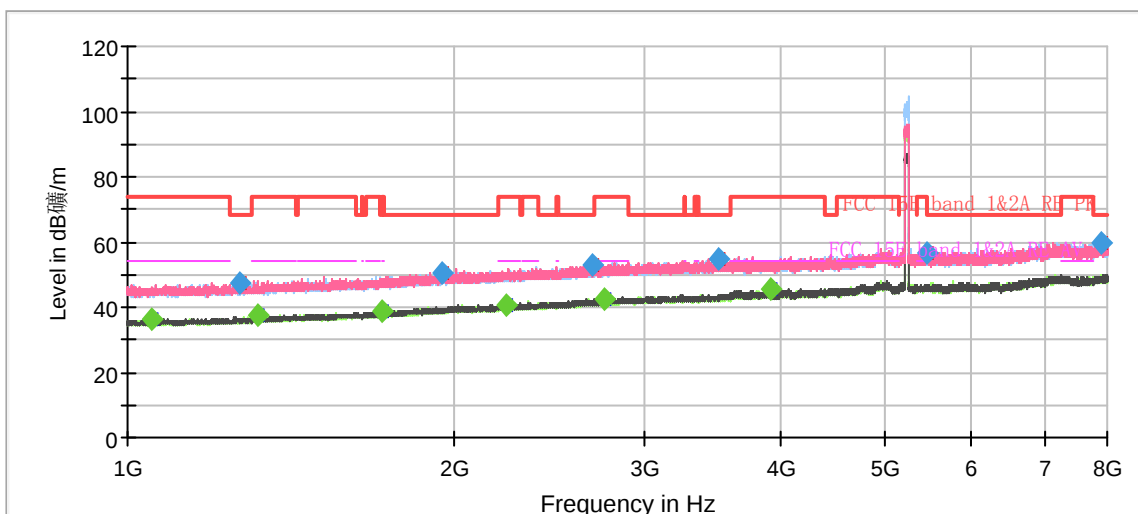


Radiates Emission from 8GHz to 18GHz

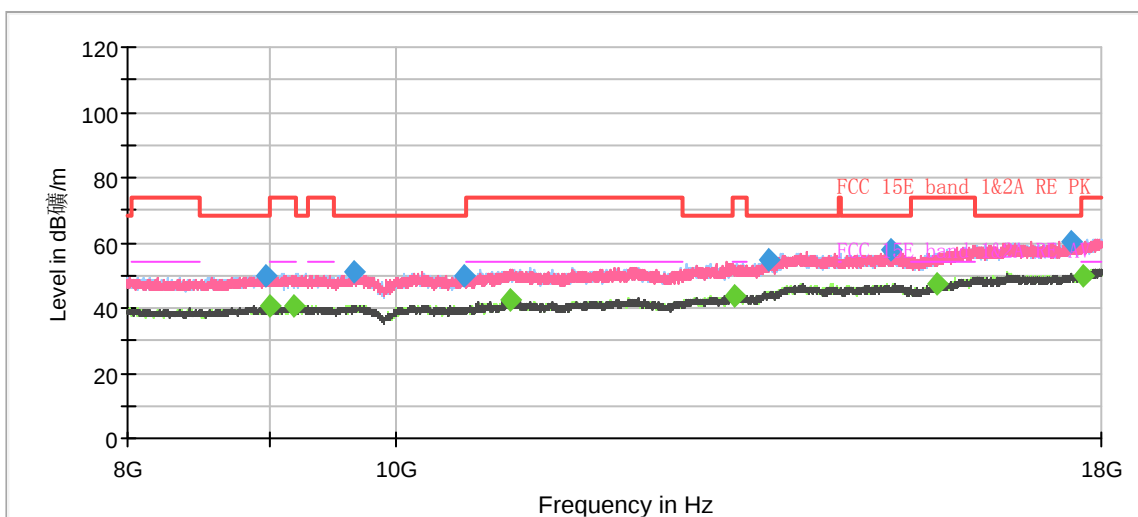
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1101.733333	---	36.16	54.00	17.84	500.0	200.0	V	55.0	-10.6
1262.966667	47.73	---	68.20	20.47	500.0	100.0	V	168.0	-9.8
1399.233333	---	37.41	54.00	16.59	500.0	100.0	V	224.0	-8.9
1719.600000	---	38.63	54.00	15.37	500.0	100.0	H	262.0	-7.0
1852.600000	50.52	---	68.20	17.68	500.0	100.0	V	292.0	-6.3
2235.733333	---	40.77	54.00	13.23	500.0	200.0	H	0.0	-5.0
2655.500000	52.81	---	68.20	15.39	500.0	200.0	V	15.0	-3.9
2795.966667	---	42.58	54.00	11.42	500.0	200.0	V	206.0	-3.4
3520.466667	54.58	---	68.20	13.62	500.0	200.0	H	83.0	-1.2
3908.033333	---	45.45	54.00	8.55	500.0	200.0	H	192.0	0.1
4949.400000	---	47.66	54.00	6.34	500.0	100.0	V	251.0	4.0
5212.600000	57.40	---	68.20	10.80	500.0	100.0	V	305.0	3.9
17795.333333	---	50.46	54.00	3.54	500.0	200.0	H	223.0	5.0

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

802.11ax (HE40) CH46



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

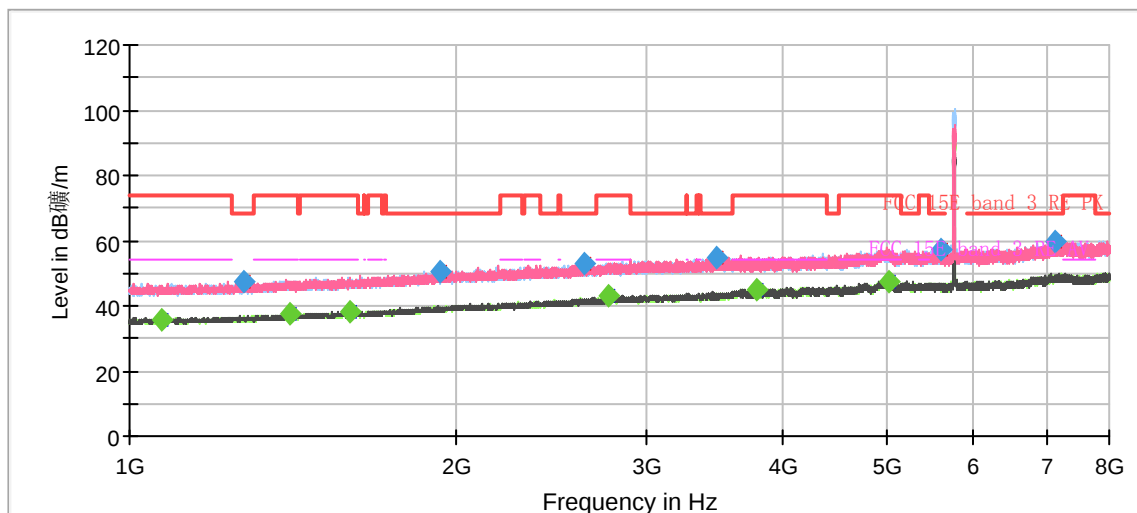


Radiates Emission from 8GHz to 18GHz

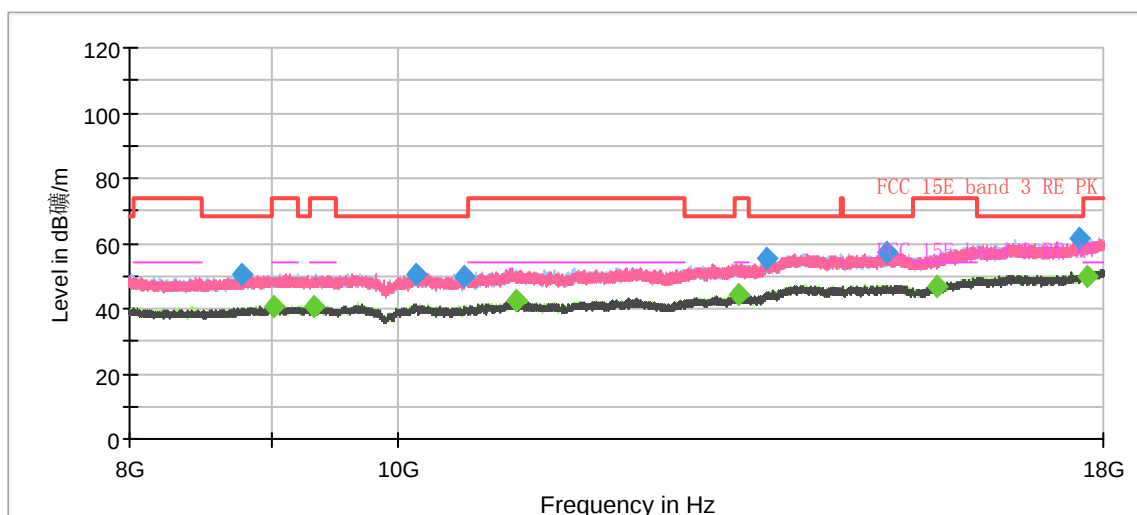
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1051.100000	---	36.02	54.00	17.98	500.0	100.0	H	316.0	-10.8
1266.700000	47.34	---	68.20	20.86	500.0	100.0	H	0.0	-9.8
1319.200000	---	37.48	54.00	16.52	500.0	200.0	V	43.0	-9.4
1719.133333	---	38.67	54.00	15.33	500.0	200.0	V	346.0	-7.0
1950.600000	50.50	---	68.20	17.70	500.0	100.0	V	266.0	-5.8
2235.500000	---	40.70	54.00	13.30	500.0	200.0	H	359.0	-5.0
2681.633333	53.21	---	68.20	14.99	500.0	200.0	H	181.0	-3.7
2756.066667	---	42.57	54.00	11.43	500.0	200.0	V	217.0	-3.5
3506.933333	54.95	---	68.20	13.25	500.0	200.0	V	232.0	-1.2
3919.700000	---	45.28	54.00	8.72	500.0	100.0	H	232.0	0.2
5464.133333	56.73	---	68.20	11.47	500.0	100.0	H	302.0	4.7
7895.700000	59.67	---	68.20	8.53	500.0	200.0	H	140.0	8.0
17738.666667	---	49.55	54.00	4.45	500.0	200.0	H	341.0	5.0

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

802.11ax (HE40) CH151



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

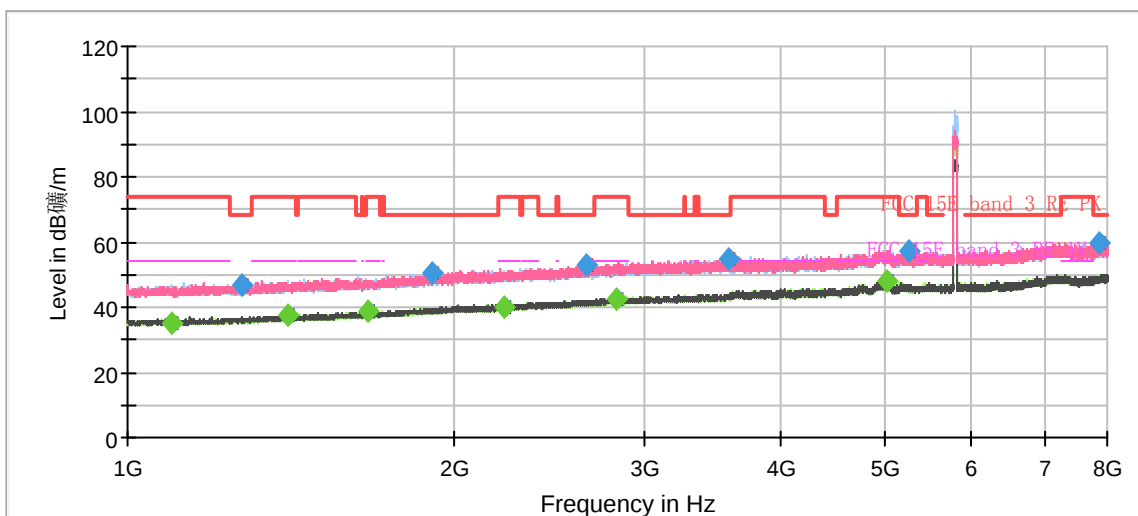


Radiates Emission from 8GHz to 18GHz

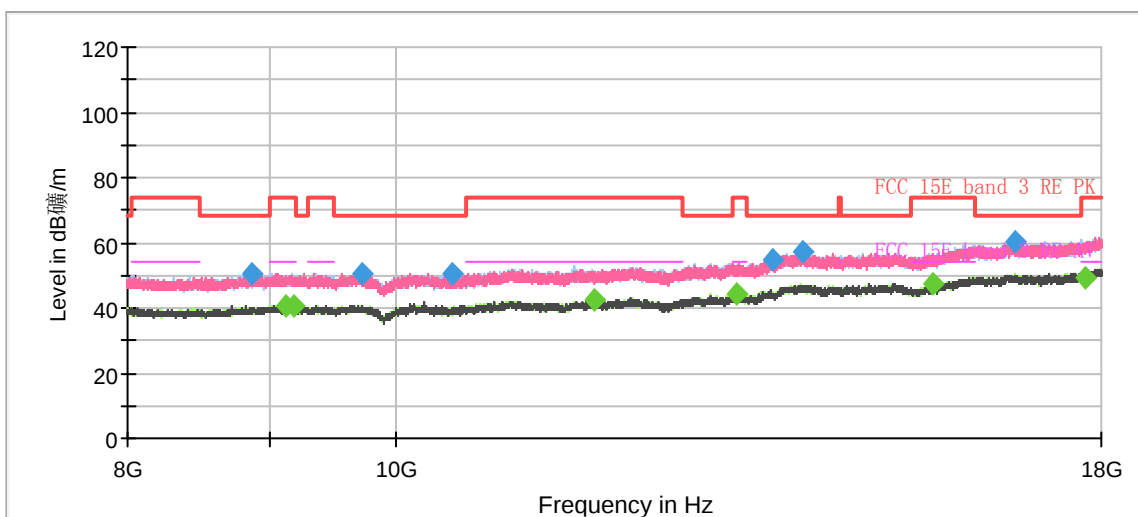
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1071.633333	---	35.81	54.00	18.19	500.0	100.0	V	288.0	-10.7
1272.766667	47.67	---	68.20	20.53	500.0	100.0	H	56.0	-9.7
1402.966667	---	37.29	54.00	16.71	500.0	200.0	V	70.0	-8.8
1597.100000	---	38.44	54.00	15.56	500.0	100.0	V	29.0	-7.8
1934.733333	50.57	---	68.20	17.63	500.0	100.0	V	275.0	-5.9
2624.466667	52.88	---	68.20	15.32	500.0	100.0	H	0.0	-4.0
2758.400000	---	42.85	54.00	11.15	500.0	100.0	H	205.0	-3.5
3471.000000	54.54	---	68.20	13.66	500.0	100.0	V	127.0	-1.4
3786.233333	---	45.11	54.00	8.89	500.0	200.0	V	231.0	-0.1
5021.733333	---	47.66	54.00	6.34	500.0	200.0	V	204.0	4.1
5595.733333	57.49	---	68.20	10.71	500.0	100.0	H	346.0	4.7
7126.866667	59.68	---	68.20	8.52	500.0	100.0	V	302.0	8.1
17753.000000	---	49.97	54.00	4.03	500.0	200.0	H	342.0	5.0

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

802.11ax (HE40) CH159



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

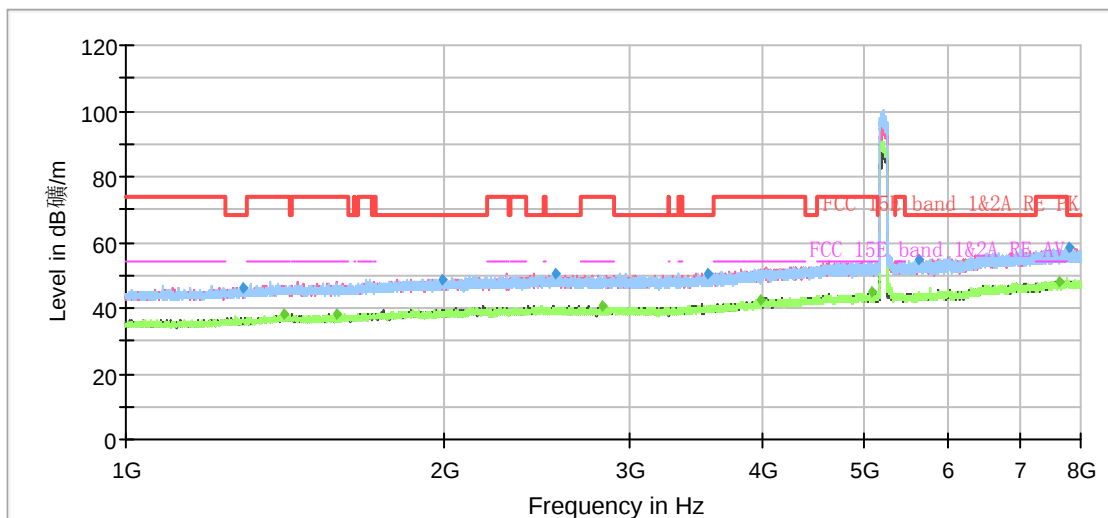


Radiates Emission from 8GHz to 18GHz

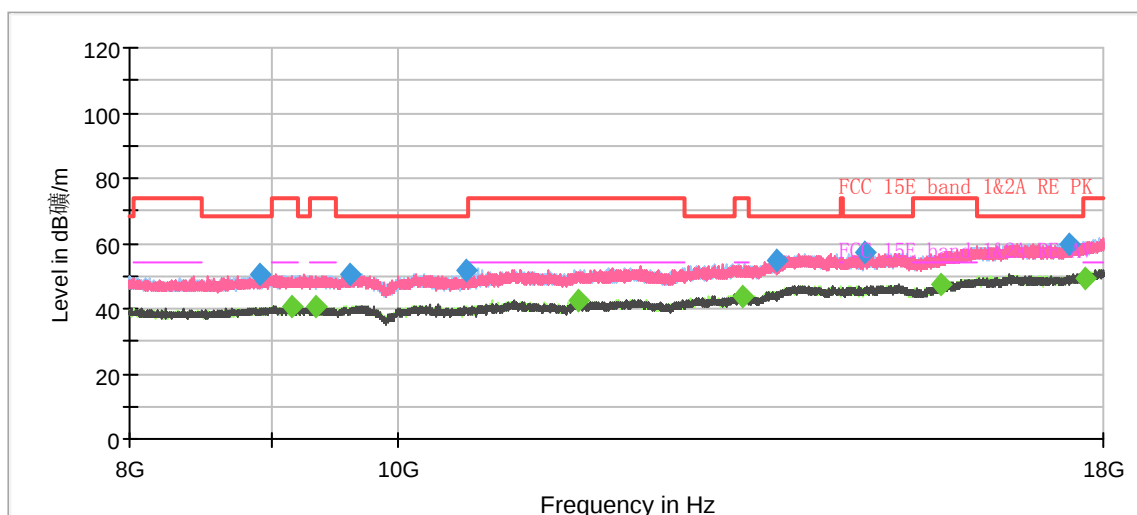
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1099.166667	---	35.20	54.00	18.80	500.0	100.0	H	26.0	-10.6
1274.633333	47.07	---	68.20	21.13	500.0	200.0	V	82.0	-9.7
1405.066667	---	37.50	54.00	16.50	500.0	100.0	V	158.0	-8.8
1665.466667	---	38.72	54.00	15.28	500.0	100.0	H	13.0	-7.3
1912.100000	50.26	---	68.20	17.94	500.0	200.0	V	0.0	-6.0
2223.366667	---	39.94	54.00	14.06	500.0	200.0	H	288.0	-5.0
2643.366667	53.16	---	68.20	15.04	500.0	100.0	H	216.0	-4.0
2820.233333	---	42.72	54.00	11.28	500.0	200.0	V	218.0	-3.3
3583.466667	54.63	---	68.20	13.57	500.0	200.0	H	262.0	-1.0
5004.700000	---	47.92	54.00	6.08	500.0	100.0	H	258.0	4.1
5242.466667	57.05	---	68.20	11.15	500.0	200.0	V	15.0	3.9
7877.033333	59.91	---	68.20	8.29	500.0	100.0	V	158.0	8.0
17755.666667	---	49.10	54.00	4.90	500.0	200.0	H	104.0	5.0

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

802.11ax (HE80) CH42



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

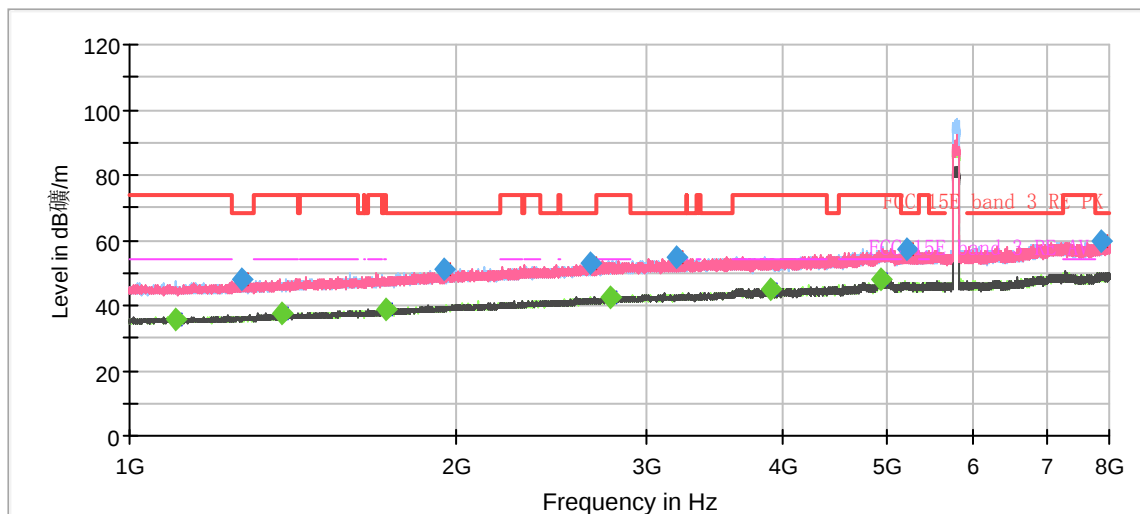


Radiates Emission from 8GHz to 18GHz

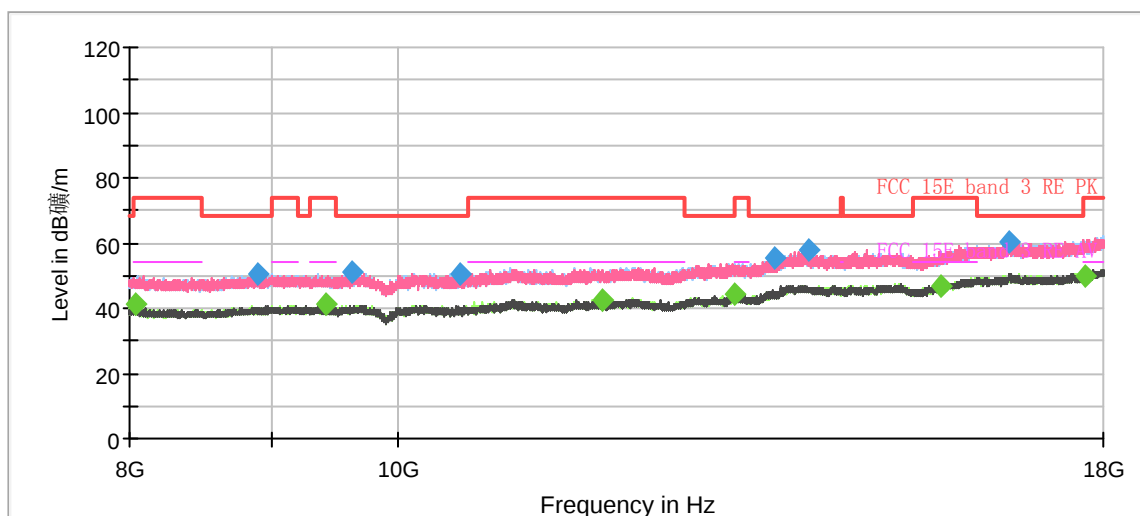
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1288.166667	46.08	---	68.20	22.12	500.0	100.0	H	325.0	-8
1408.566667	---	37.91	54.00	16.09	500.0	100.0	H	54.0	-7
1584.033333	---	38.41	54.00	15.59	500.0	100.0	H	0.0	-6
1987.933333	48.87	---	68.20	19.33	500.0	100.0	V	181.0	-5
2551.900000	50.38	---	68.20	17.82	500.0	200.0	V	343.0	-4
2827.466667	---	40.81	54.00	13.19	500.0	100.0	V	88.0	-3
3551.033333	50.60	---	68.20	17.60	500.0	200.0	V	356.0	-3
3988.066667	---	42.49	54.00	11.51	500.0	100.0	V	3.0	-1
5078.433333	---	45.04	54.00	8.96	500.0	200.0	H	10.0	2
5609.733333	54.60	---	68.20	13.60	500.0	200.0	H	115.0	3
7634.133333	---	48.27	54.00	5.73	500.0	100.0	H	346.0	7
7798.400000	58.45	---	68.20	9.75	500.0	200.0	H	48.0	7
17745.666667	---	49.12	54.00	4.88	500.0	200.0	V	0.0	5

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

802.11ax (HE80) CH155



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

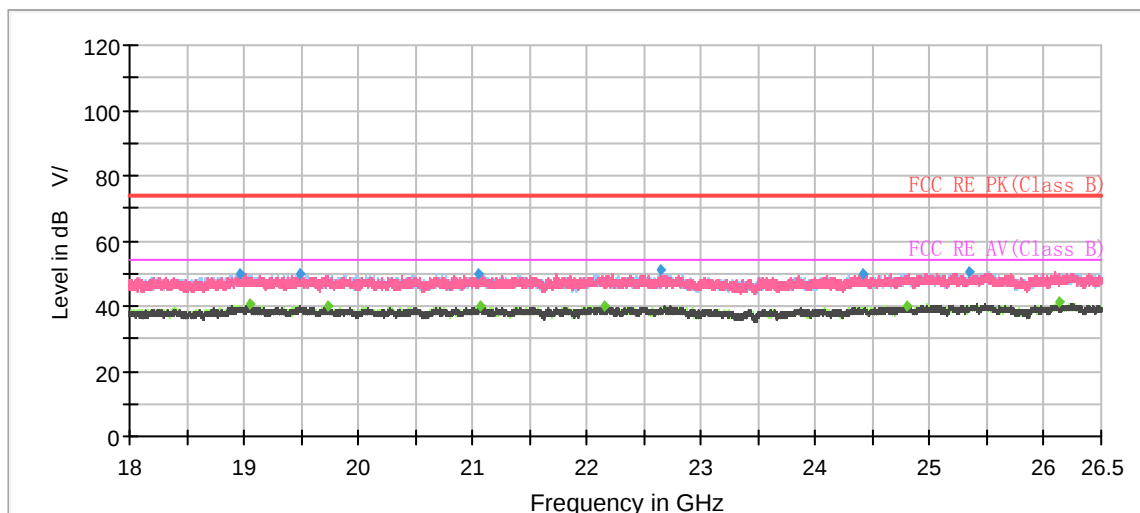


Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1102.200000	---	35.48	54.00	18.52	500.0	200.0	H	29.0	-10.6
1266.700000	47.71	---	68.20	20.49	500.0	100.0	V	303.0	-9.8
1381.966667	---	37.80	54.00	16.20	500.0	200.0	H	127.0	-9.0
1721.000000	---	39.05	54.00	14.95	500.0	200.0	H	289.0	-7.0
1948.966667	50.96	---	68.20	17.24	500.0	200.0	H	289.0	-5.8
2655.266667	52.71	---	68.20	15.49	500.0	100.0	H	177.0	-3.9
2775.900000	---	42.74	54.00	11.26	500.0	200.0	H	127.0	-3.5
3193.100000	54.51	---	68.20	13.69	500.0	100.0	H	0.0	-2.2
3898.466667	---	45.06	54.00	8.94	500.0	200.0	H	248.0	0.1
4934.233333	---	48.28	54.00	5.72	500.0	100.0	H	331.0	3.9
5199.533333	57.30	---	68.20	10.90	500.0	100.0	H	0.0	3.9
7851.833333	59.96	---	68.20	8.24	500.0	200.0	H	343.0	8.0
17744.666667	---	49.77	54.00	4.23	500.0	200.0	H	237.0	5.0

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

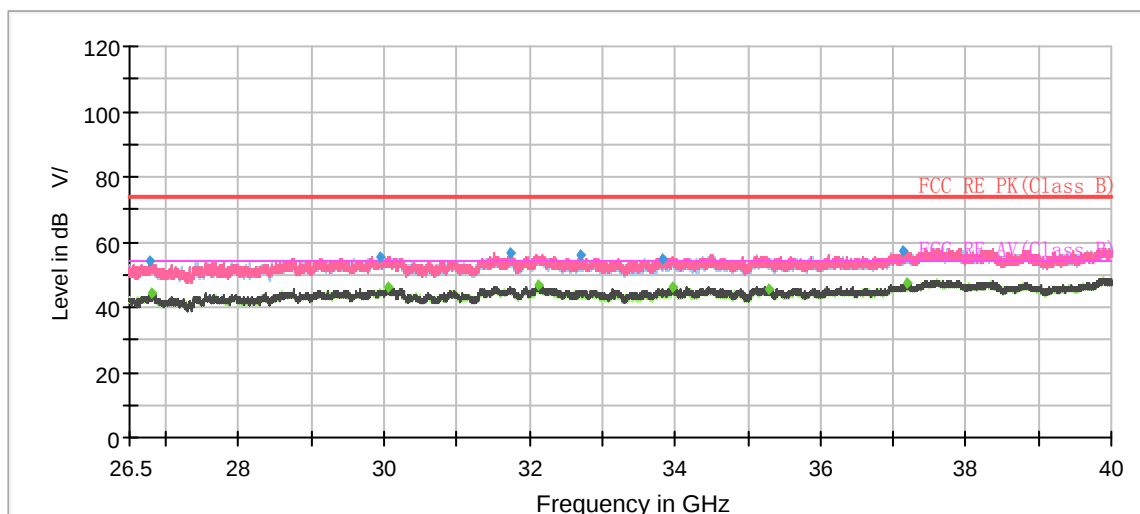
During the test, the Radiates Emission from 18GHz to 40GHz was performed in all modes with all channels, 802.11n (HT20), Channel 36 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
18958.233333	50.11	---	74.00	23.89	200.0	V	348.0	-1
19054.850000	---	40.47	54.00	13.53	200.0	H	79.0	-1
19490.050000	49.85	---	74.00	24.15	200.0	V	108.0	-1
19733.716667	---	40.16	54.00	13.84	200.0	V	355.0	-1
21049.516667	49.91	---	74.00	24.09	100.0	H	149.0	0
21059.150000	---	39.80	54.00	14.20	200.0	H	93.0	0
22152.250000	---	40.01	54.00	13.99	200.0	V	170.0	1
22646.950000	50.81	---	74.00	23.19	100.0	H	186.0	2
24412.400000	49.80	---	74.00	24.20	100.0	V	114.0	3
24798.016667	---	40.13	54.00	13.87	100.0	H	149.0	3
25346.266667	50.36	---	74.00	23.64	100.0	H	107.0	3
26127.133333	---	41.11	54.00	12.89	100.0	H	114.0	3
18958.233333	50.11	---	74.00	23.89	200.0	V	348.0	-1

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



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)
26782.150000	54.09	---	74.00	19.91	200.0	V	88.0	8
26798.350000	---	44.45	54.00	9.55	200.0	H	173.0	8
29951.500000	55.52	---	74.00	18.48	100.0	H	225.0	7
30045.550000	---	46.34	54.00	7.66	100.0	V	144.0	7
31742.950000	56.59	---	74.00	17.41	100.0	V	102.0	8
32127.700000	---	46.95	54.00	7.05	100.0	H	232.0	8
32697.400000	56.23	---	74.00	17.77	100.0	V	26.0	8
33820.150000	54.58	---	74.00	19.43	100.0	V	207.0	8
33962.800000	---	46.24	54.00	7.76	100.0	V	5.0	8
35280.400000	---	45.58	54.00	8.42	200.0	H	243.0	8
37129.450000	57.21	---	74.00	16.79	200.0	V	102.0	10
37197.400000	---	47.37	54.00	6.63	100.0	H	67.0	10
26782.150000	54.09	---	74.00	19.91	200.0	V	88.0	8

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

5.6. Conducted Emission

Ambient condition

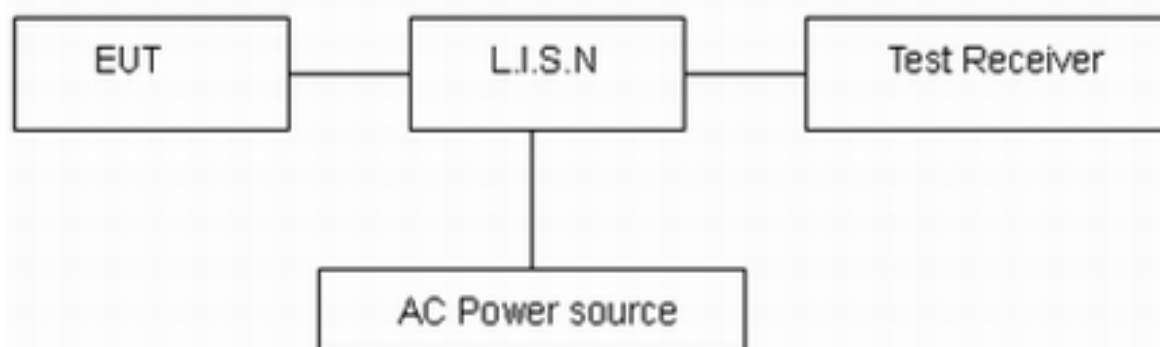
Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

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

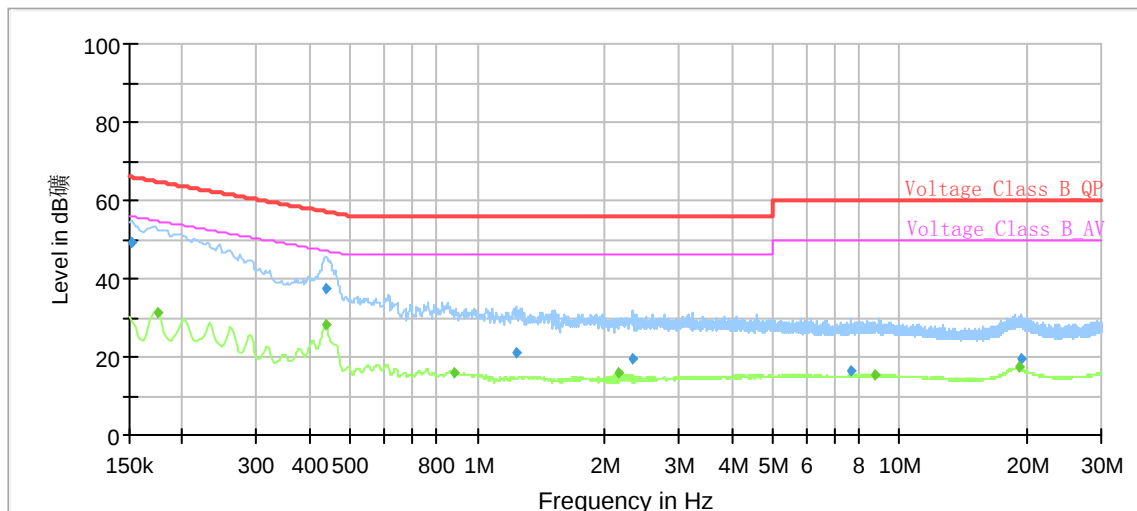
Frequency (MHz)	Conducted Limits(dBμV)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56 *	56 to 46 *
0.5 - 5	56	46
5 - 30	60	50
*: Decreases with the logarithm of the frequency.		

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:

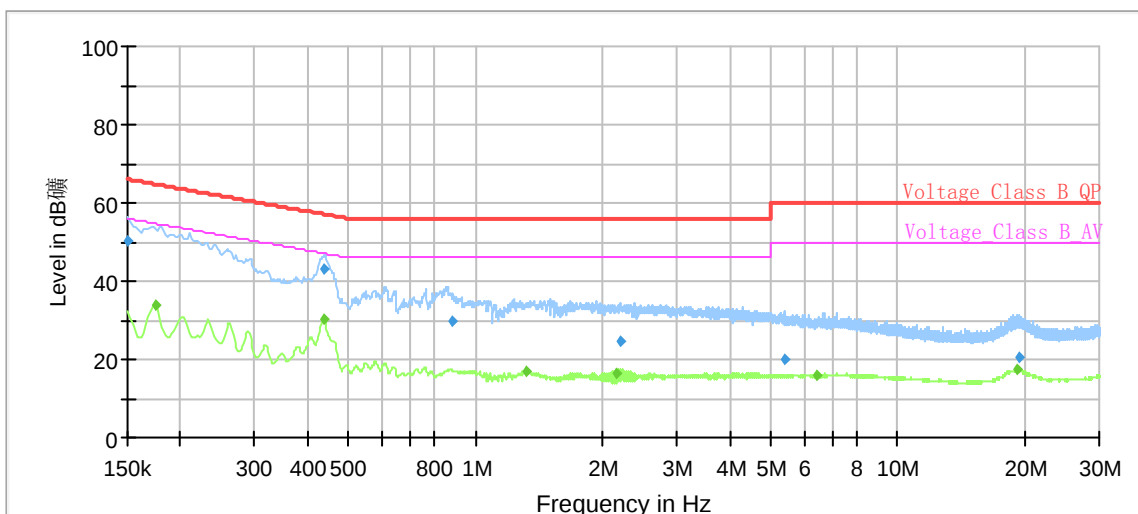
Following plots, Blue trace uses the peak detection and Green trace uses the average detection. During the test, the Conducted Emission was performed in all modes with all channels, 802.11n (HT20), Channel 36 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.



Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.15	49.40	---	65.88	16.48	70.0	9.000	L1	ON	21
0.17	---	31.46	54.73	23.27	70.0	9.000	L1	ON	21
0.44	37.32	---	57.14	19.82	70.0	9.000	L1	ON	20
0.44	---	28.30	47.10	18.80	70.0	9.000	L1	ON	20
0.88	---	15.86	46.00	30.14	70.0	9.000	L1	ON	20
1.24	20.86	---	56.00	35.14	70.0	9.000	L1	ON	20
2.15	---	15.86	46.00	30.14	70.0	9.000	L1	ON	20
2.32	19.70	---	56.00	36.30	70.0	9.000	L1	ON	19
7.70	16.66	---	60.00	43.34	70.0	9.000	L1	ON	20
8.69	---	15.48	50.00	34.52	70.0	9.000	L1	ON	20
19.14	---	17.32	50.00	32.68	70.0	9.000	L1	ON	20
19.47	19.68	---	60.00	40.32	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)
0.15	50.24	---	66.00	15.76	70.0	9.000	N	ON	21
0.17	---	34.10	54.73	20.63	70.0	9.000	N	ON	21
0.44	42.87	---	57.10	14.23	70.0	9.000	N	ON	20
0.44	---	30.19	47.10	16.91	70.0	9.000	N	ON	20
0.88	29.81	---	56.00	26.19	70.0	9.000	N	ON	20
1.32	---	17.00	46.00	29.00	70.0	9.000	N	ON	20
2.15	---	16.40	46.00	29.60	70.0	9.000	N	ON	20
2.20	24.63	---	56.00	31.37	70.0	9.000	N	ON	20
5.42	20.10	---	60.00	39.90	70.0	9.000	N	ON	19
6.45	---	15.70	50.00	34.30	70.0	9.000	N	ON	20
19.11	---	17.34	50.00	32.66	70.0	9.000	N	ON	20
19.30	20.46	---	60.00	39.54	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
EMI Test Receiver	R&S	ESCI7	100936	2021-12-12	2022-12-11
Signal Analyzer	R&S	FSV40	100815	2021-05-15	2022-05-14
TRILOG Broadband Antenna	SCHWARZBECK	9163	1023	2021-06-07	2024-06-06
Horn Antenna	R&S	HF907	102723	2021-07-26	2024-07-25
Horn Antenna	ETS-Lindgren	3160-09	00102643	2020-10-10	2023-10-09
Horn Antenna	STEATITE	QSH-SL-26-40-K-15	16779	2019-12-24	2022-12-23
Software	R&S	EMC32	9.26.01	/	/
Artificial main network	R&S	ENV216	101171	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	/	/
Spectrum Analyzer	KEYSIGHT	N9020A	MY54420163	2021-12-12	2022-12-11
Power probe	R&S	NRP18S	101954	2021-05-15	2022-05-14
Climate Chamber	ESPEC	SU-242	93000506	2021-12-12	2022-12-11

*****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.