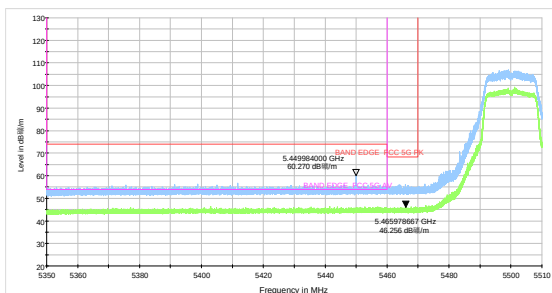


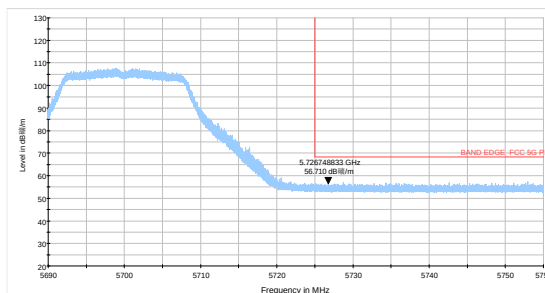


U-NII-2C

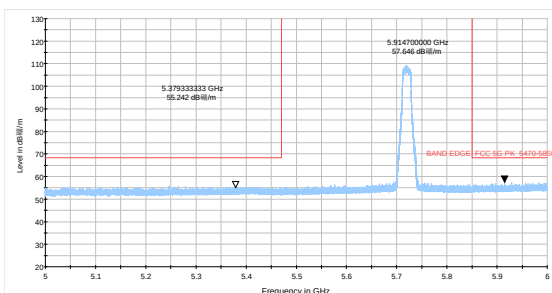
802.11a-Channel 100: Peak + Average



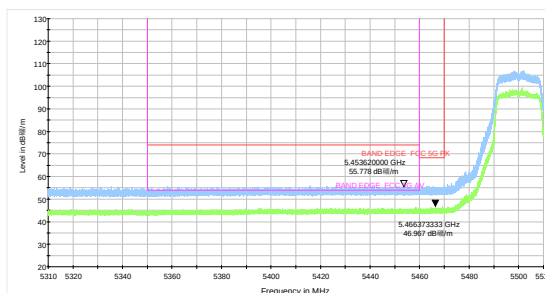
802.11a-Channel 140: Peak



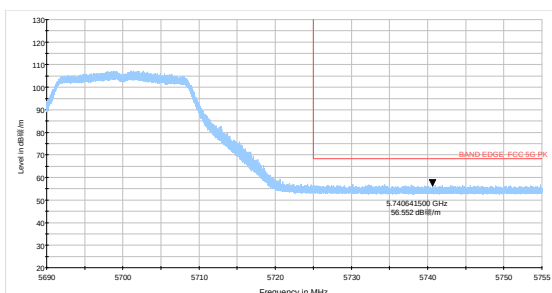
802.11a-Channel 144: Peak



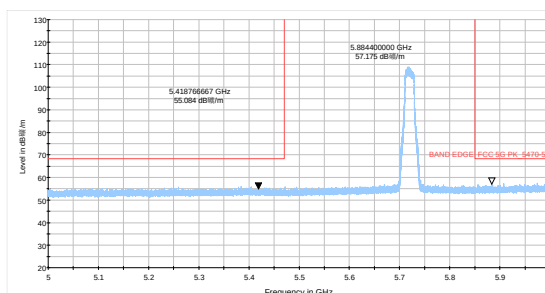
802.11ac VHT20 -Channel 100: Peak + Average



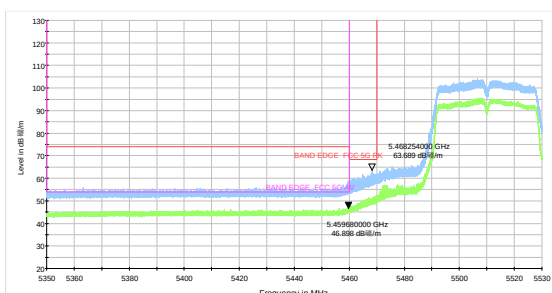
802.11ac VHT20-Channel 140: Peak



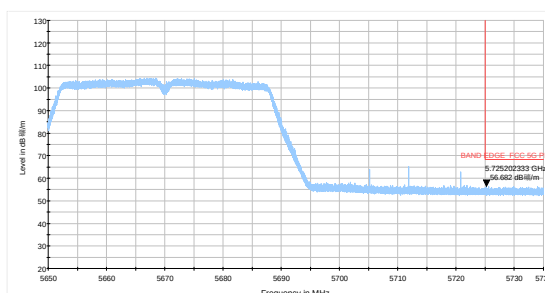
802.11ac VHT20-Channel 144: Peak



802.11ac VHT40-Channel 102: Peak + Average

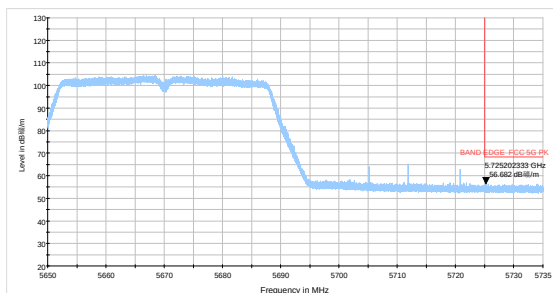


802.11ac VHT40-Channel 134: Peak

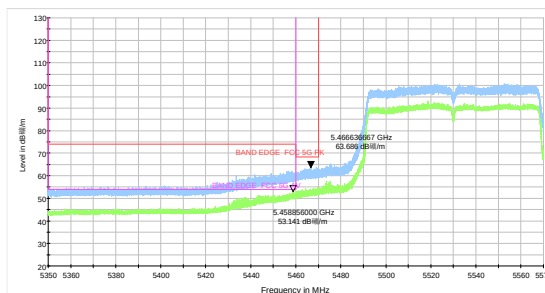




802.11ac VHT40-Channel 142: Peak

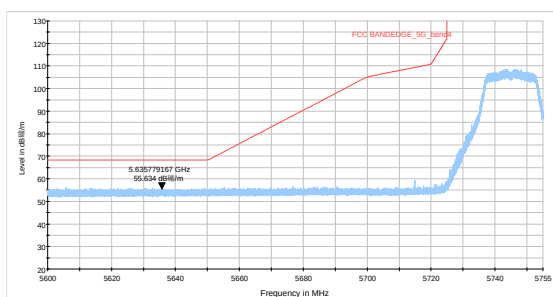


802.11ac VHT80-Channel 106: Peak + Average

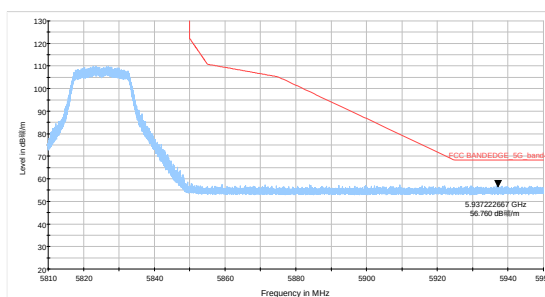


U-NII-3

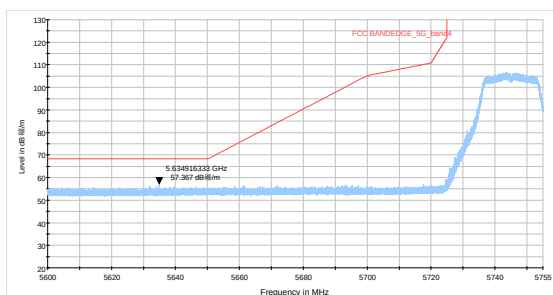
802.11a-Channel 149: Peak



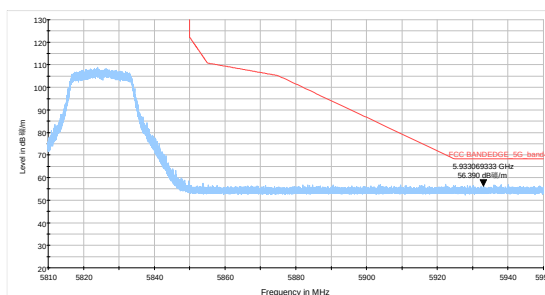
802.11a-Channel 165: Peak



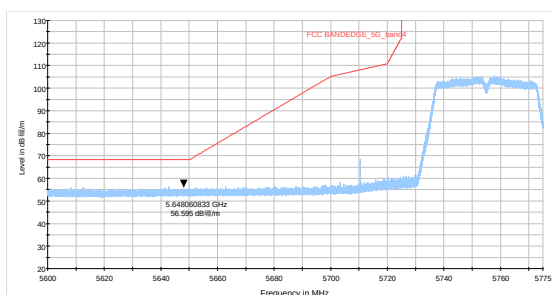
802.11ac VHT20-Channel 149: Peak



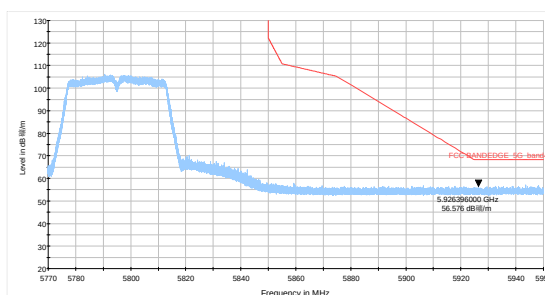
802.11ac VHT20-Channel 165: Peak

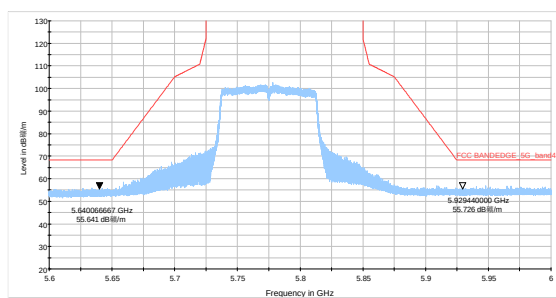
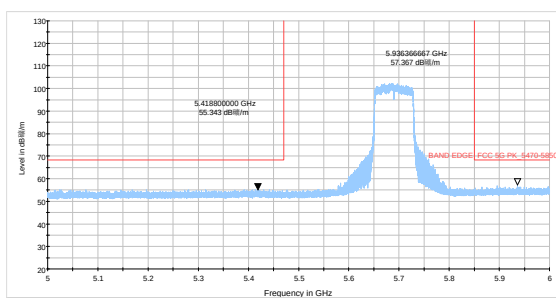


802.11ac VHT40-Channel 151: Peak



802.11ac VHT40-Channel 159: Peak



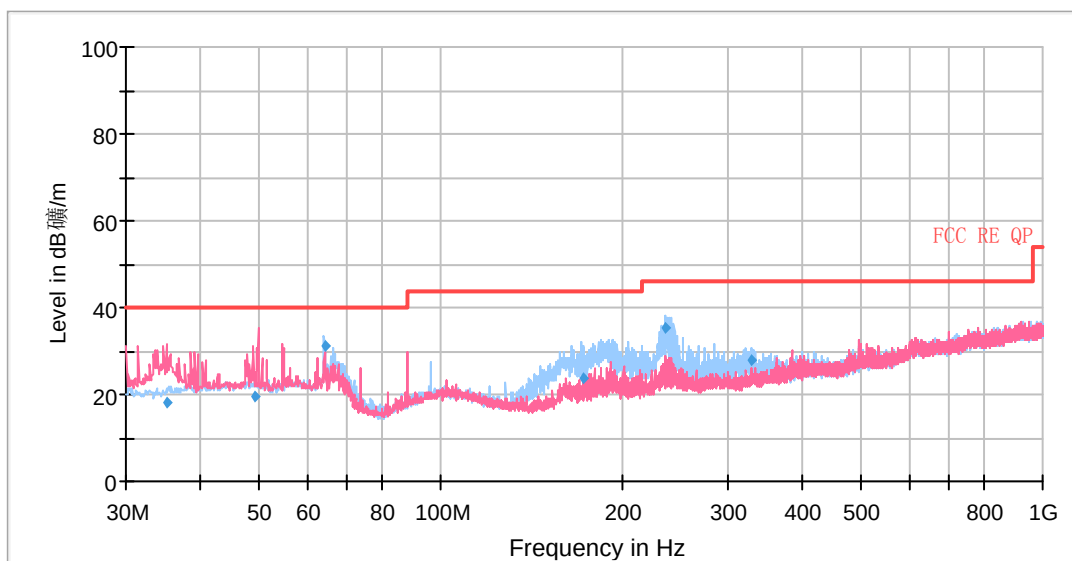


**Result of RE****Test result**

Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier, the Emissions in the frequency band 9kHz-30MHz and 26.5GHz-40GHz are more than 20dB below the limit are not reported.

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

During the test, the Radiates Emission from 30MHz to 1GHz was performed in all modes with all channels, 802.11a, Channel 116 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.

Continuous TX mode:

Radiates Emission from 30MHz to 1GHz

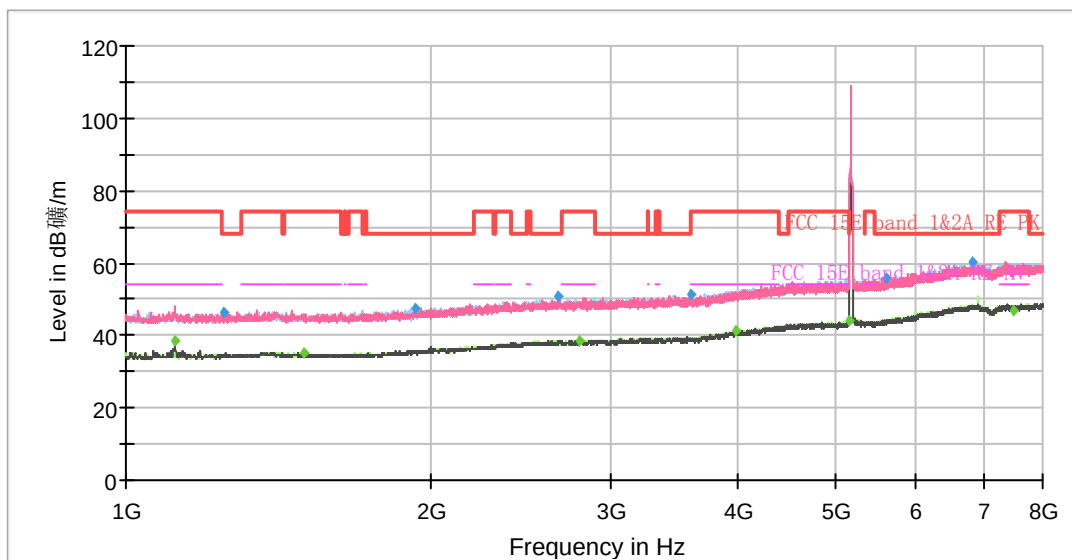
Frequency (MHz)	Quasi-Peak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
35.21	18.23	40.00	21.77	103.0	V	52.00	14
49.20	19.69	40.00	20.31	112.0	V	170.00	15
64.15	31.00	40.00	9.00	223.0	H	12.00	13
172.22	23.89	43.50	19.61	195.0	H	162.00	11
235.64	35.12	46.00	10.88	122.0	H	137.00	15
328.40	27.94	46.00	18.06	100.0	H	42.00	17

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

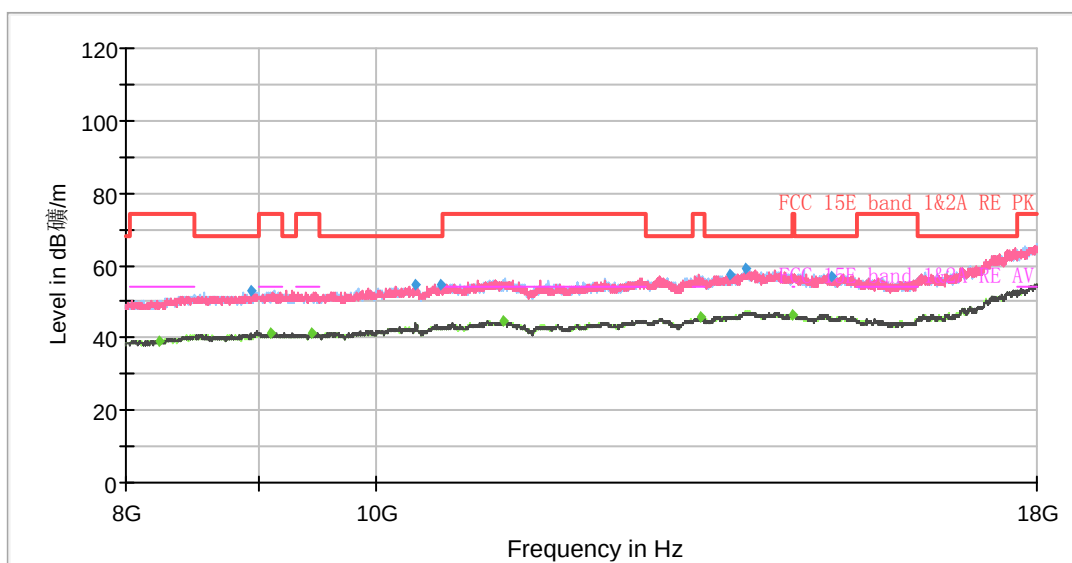
2. Margin = Limit – Quasi-Peak



802.11a CH36



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



Radiates Emission from 8GHz to 18GHz



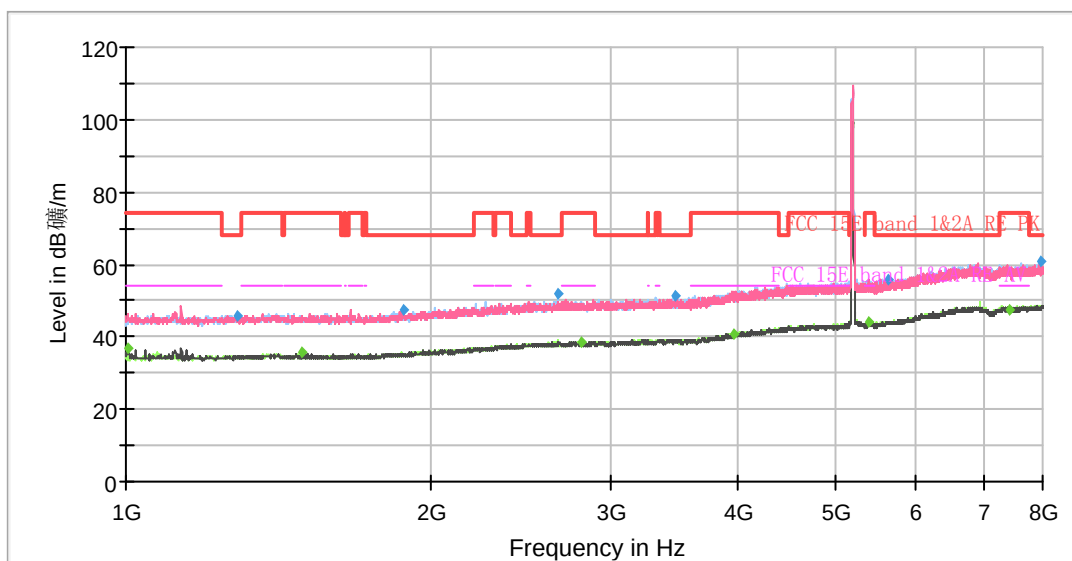
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1117.25	---	38.31	54.00	15.69	500.00	200.0	V	157.00	-9
1250.25	46.47	---	68.20	21.73	500.00	200.0	V	356.00	-8
1495.25	---	35.10	54.00	18.90	500.00	100.0	V	226.00	-7
1930.13	47.55	---	68.20	20.65	500.00	200.0	V	171.00	-5
2666.00	50.81	---	68.20	17.39	500.00	200.0	V	115.00	-4
2792.00	---	38.64	54.00	15.36	500.00	100.0	H	228.00	-3
3597.88	51.21	---	68.20	16.99	500.00	200.0	V	0.00	-2
3990.75	---	41.30	54.00	12.70	500.00	200.0	H	90.00	-1
5149.25	---	44.22	54.00	9.78	500.00	200.0	H	1.00	3
5617.38	55.89	---	68.20	12.31	500.00	200.0	H	77.00	4
6824.00	60.09	---	68.20	8.11	500.00	100.0	H	357.00	9
7481.13	---	47.10	54.00	6.90	500.00	100.0	H	248.00	9

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

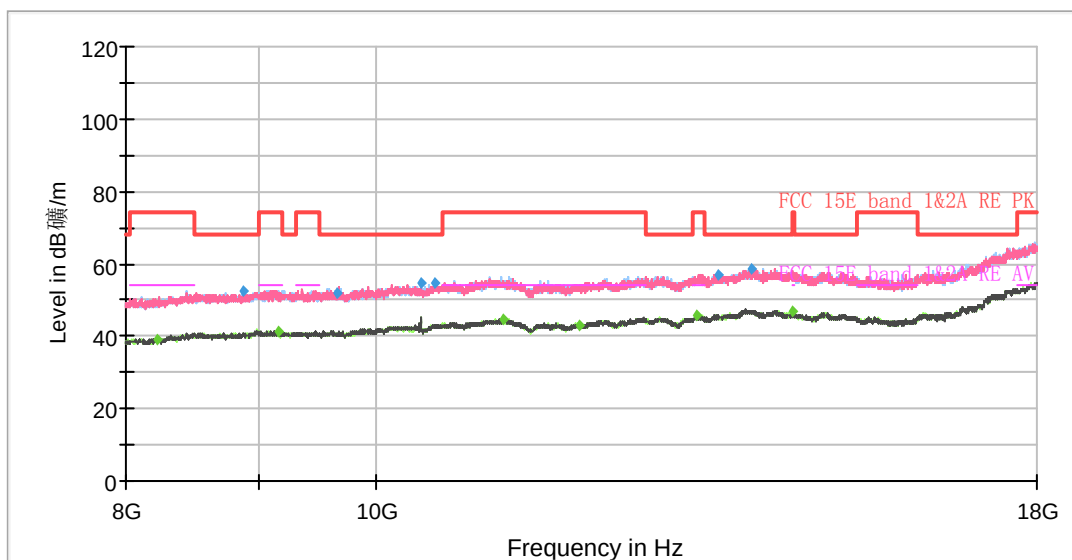
2. Margin = Limit - MAX Peak/ Average



802.11a CH40



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



Radiates Emission from 8GHz to 18GHz

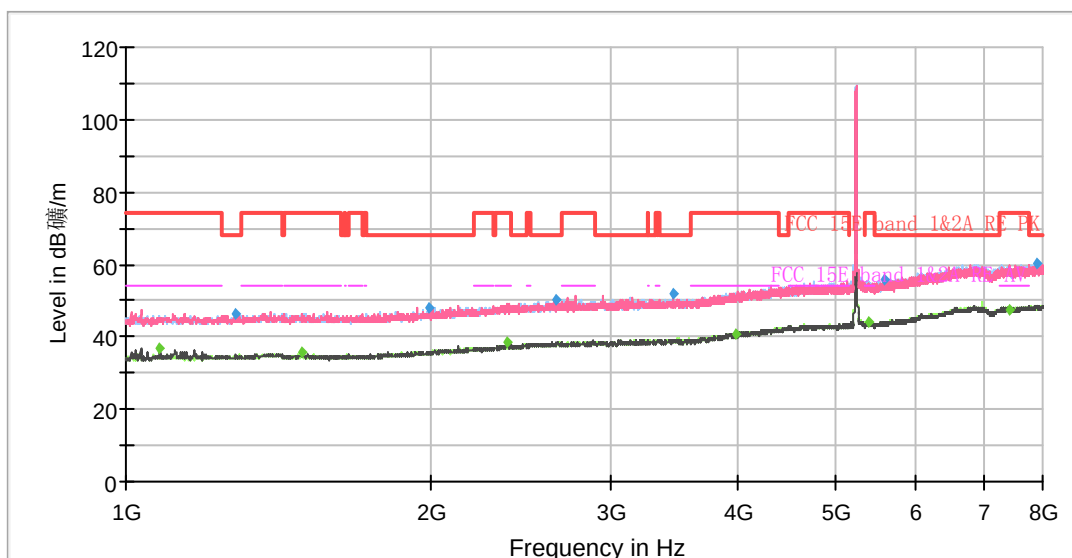


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1002.63	---	36.76	54.00	17.24	500.00	200.0	V	254.00	-9
1287.00	45.83	---	68.20	22.37	500.00	200.0	H	1.00	-8
1490.00	---	35.47	54.00	18.53	500.00	200.0	V	214.00	-7
1875.88	47.46	---	68.20	20.74	500.00	100.0	V	31.00	-6
2662.50	51.95	---	68.20	16.25	500.00	100.0	H	347.00	-4
2815.63	---	38.52	54.00	15.48	500.00	200.0	H	1.00	-3
3473.63	51.15	---	68.20	17.05	500.00	200.0	H	8.00	-3
3962.75	---	40.91	54.00	13.09	500.00	200.0	V	120.00	-1
5396.88	---	44.05	54.00	9.95	500.00	200.0	H	284.00	4
5627.88	55.89	---	68.20	12.31	500.00	200.0	V	234.00	4
7431.25	---	47.24	54.00	6.76	500.00	200.0	V	241.00	9
7958.00	60.83	---	68.20	7.37	500.00	200.0	V	207.00	9

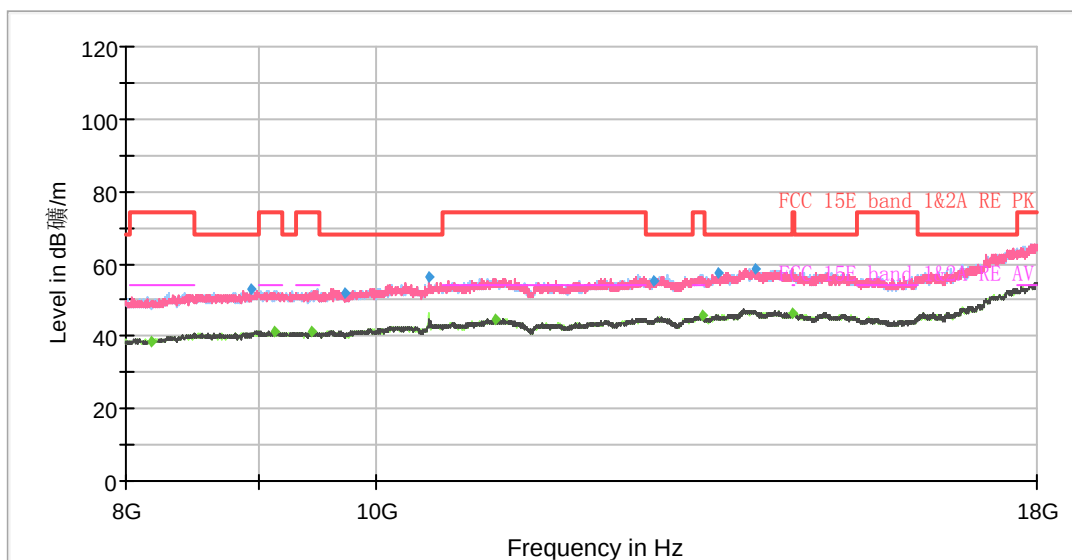
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11a CH48



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



Radiates Emission from 8GHz to 18GHz

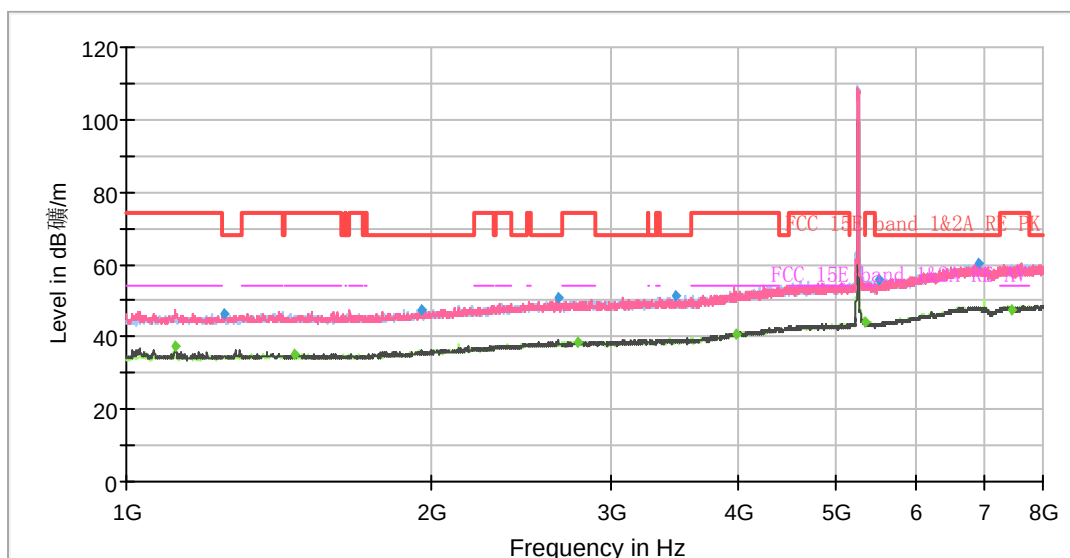


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1080.50	---	36.78	54.00	17.22	500.00	100.0	V	123.00	-9
1282.63	46.15	---	68.20	22.05	500.00	100.0	H	327.00	-8
1489.13	---	35.49	54.00	18.51	500.00	200.0	V	151.00	-7
1990.50	48.24	---	68.20	19.96	500.00	200.0	V	0.00	-5
2378.13	---	38.49	54.00	15.51	500.00	200.0	V	224.00	-4
2650.25	50.25	---	68.20	17.95	500.00	200.0	V	324.00	-4
3464.88	51.95	---	68.20	16.25	500.00	200.0	V	352.00	-3
3989.00	---	40.91	54.00	13.09	500.00	100.0	H	340.00	-1
5403.00	---	44.05	54.00	9.95	500.00	200.0	H	11.00	4
5584.13	55.66	---	68.20	12.54	500.00	200.0	V	324.00	4
7429.50	---	47.66	54.00	6.34	500.00	200.0	V	352.00	9
7904.63	60.09	---	68.20	8.11	500.00	200.0	V	184.00	9

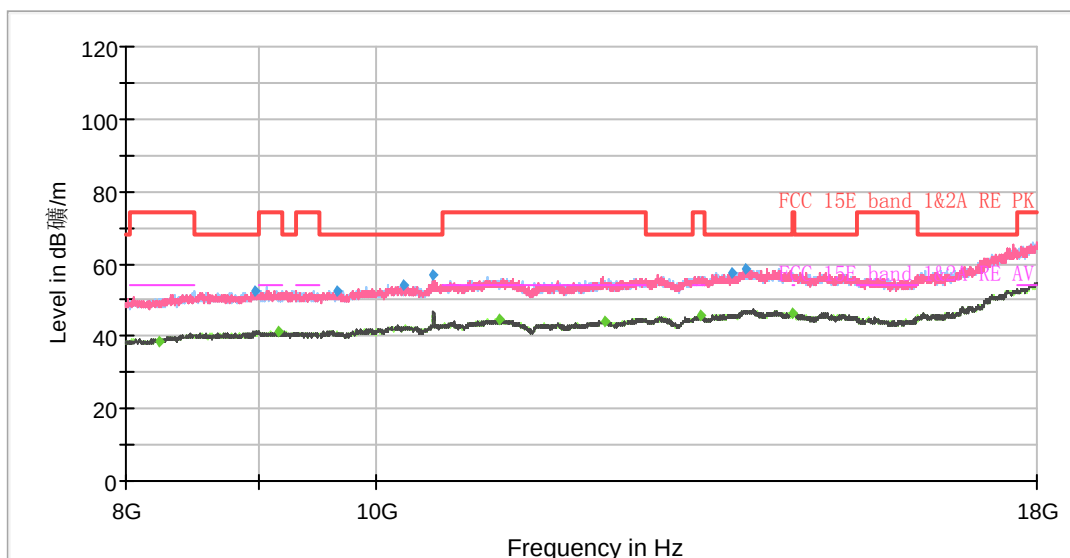
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11a CH52



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



Radiates Emission from 8GHz to 18GHz

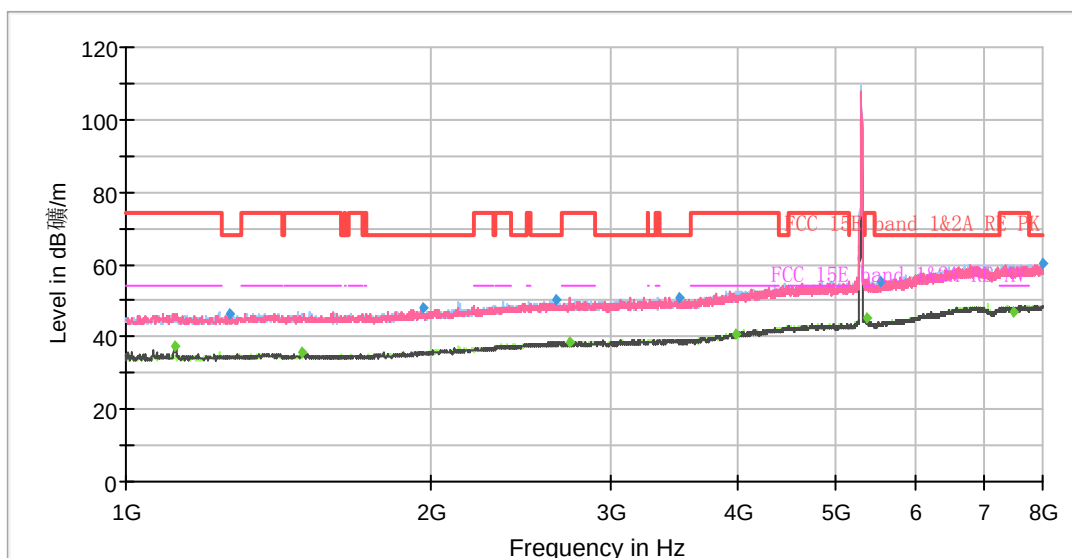


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1118.13	---	37.18	54.00	16.82	500.00	100.0	V	148.00	-9
1247.63	46.34	---	68.20	21.86	500.00	200.0	V	251.00	-8
1465.50	---	35.33	54.00	18.67	500.00	200.0	V	284.00	-7
1953.75	47.49	---	68.20	20.71	500.00	100.0	H	325.00	-5
2661.63	51.05	---	68.20	17.15	500.00	200.0	V	197.00	-4
2787.63	---	38.71	54.00	15.29	500.00	200.0	H	1.00	-3
3468.38	51.25	---	68.20	16.95	500.00	100.0	H	205.00	-3
3989.00	---	41.01	54.00	12.99	500.00	100.0	V	148.00	-1
5352.25	---	44.13	54.00	9.87	500.00	200.0	H	5.00	4
5522.88	55.68	---	68.20	12.52	500.00	200.0	H	52.00	4
6904.50	60.29	---	68.20	7.91	500.00	200.0	H	184.00	9
7452.25	---	47.18	54.00	6.82	500.00	200.0	H	38.00	9

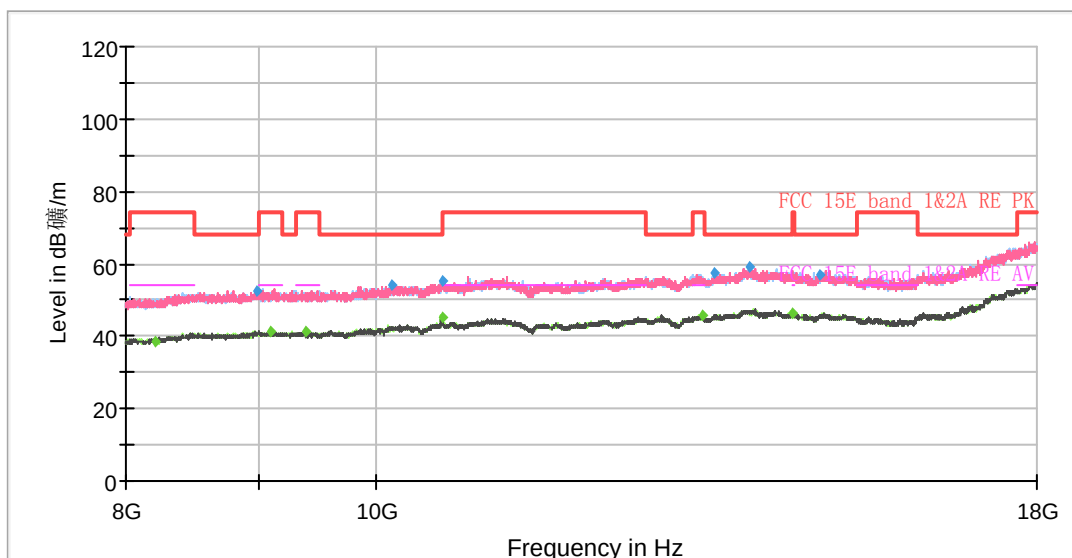
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11a CH60



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



Radiates Emission from 8GHz to 18GHz

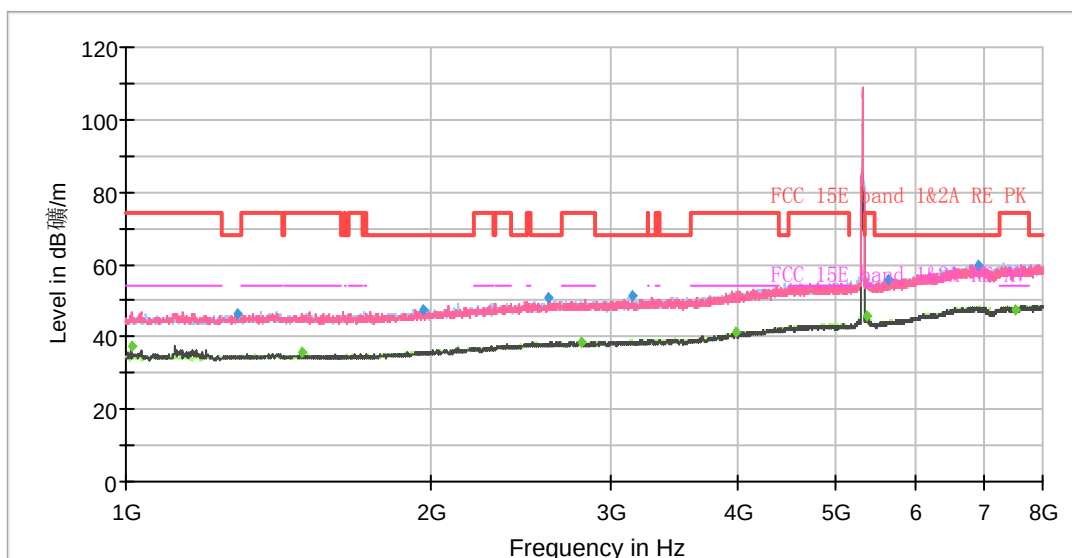


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1118.13	---	37.27	54.00	16.73	500.00	100.0	V	152.00	-9
1265.13	46.07	---	68.20	22.13	500.00	200.0	V	233.00	-8
1492.63	---	35.44	54.00	18.56	500.00	100.0	V	5.00	-7
1960.75	47.91	---	68.20	20.29	500.00	200.0	H	158.00	-5
2658.13	50.33	---	68.20	17.87	500.00	200.0	H	151.00	-4
2735.13	---	38.69	54.00	15.31	500.00	200.0	V	352.00	-4
3499.88	50.81	---	68.20	17.39	500.00	200.0	H	279.00	-3
3980.25	---	40.78	54.00	13.22	500.00	200.0	V	349.00	-1
5367.13	---	45.19	54.00	8.81	500.00	200.0	H	0.00	4
5546.50	55.31	---	68.20	12.89	500.00	200.0	H	0.00	4
7470.63	---	46.73	54.00	7.27	500.00	200.0	V	359.00	9
7986.00	60.00	---	68.20	8.20	500.00	200.0	V	220.00	9

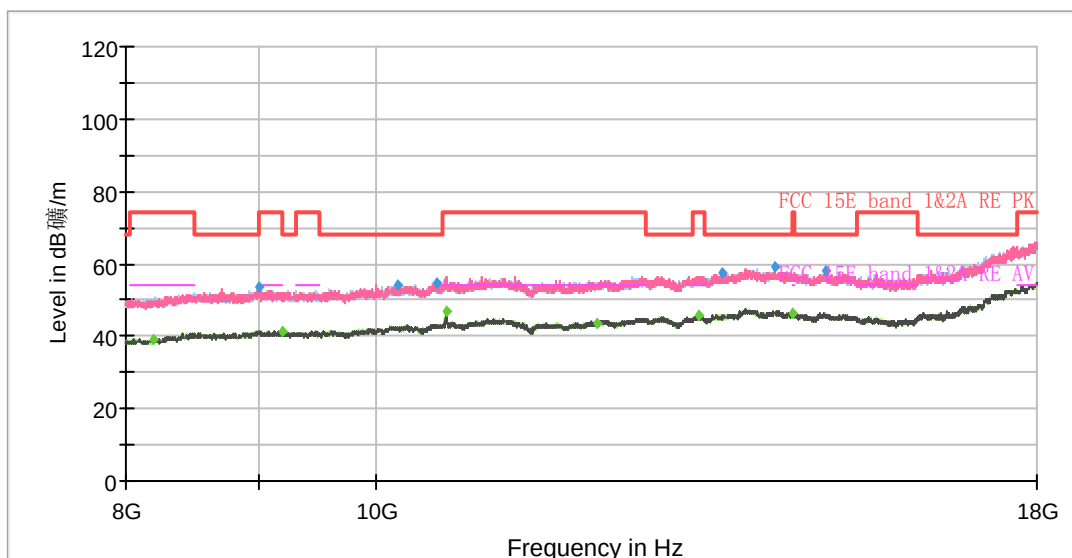
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11a CH64



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



Radiates Emission from 8GHz to 18GHz

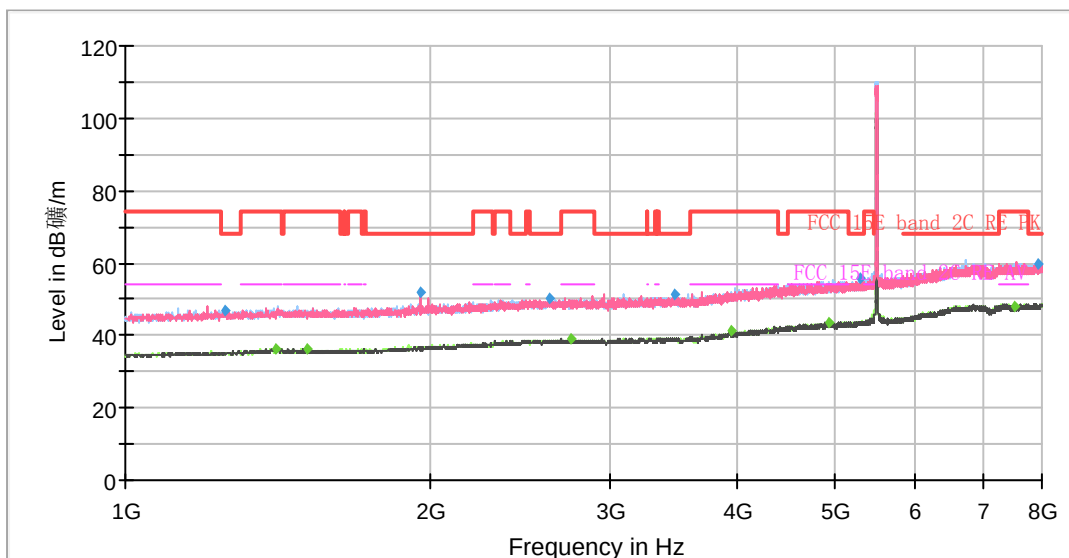


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1011.38	---	37.27	54.00	16.73	500.00	200.0	V	223.00	-9
1286.13	46.36	---	68.20	21.84	500.00	200.0	V	189.00	-8
1490.88	---	35.77	54.00	18.23	500.00	100.0	V	122.00	-7
1966.00	47.59	---	68.20	20.61	500.00	200.0	V	96.00	-5
2601.25	50.69	---	68.20	17.51	500.00	200.0	V	354.00	-4
2806.00	---	38.53	54.00	15.47	500.00	200.0	V	189.00	-3
3149.88	51.19	---	68.20	17.01	500.00	100.0	V	213.00	-3
3989.88	---	41.04	54.00	12.96	500.00	200.0	V	310.00	-1
5366.25	---	45.77	54.00	8.23	500.00	200.0	H	0.00	4
5631.38	55.68	---	68.20	12.52	500.00	100.0	H	304.00	4
6922.88	59.86	---	68.20	8.34	500.00	200.0	H	19.00	9
7510.88	---	47.20	54.00	6.80	500.00	100.0	H	356.00	9

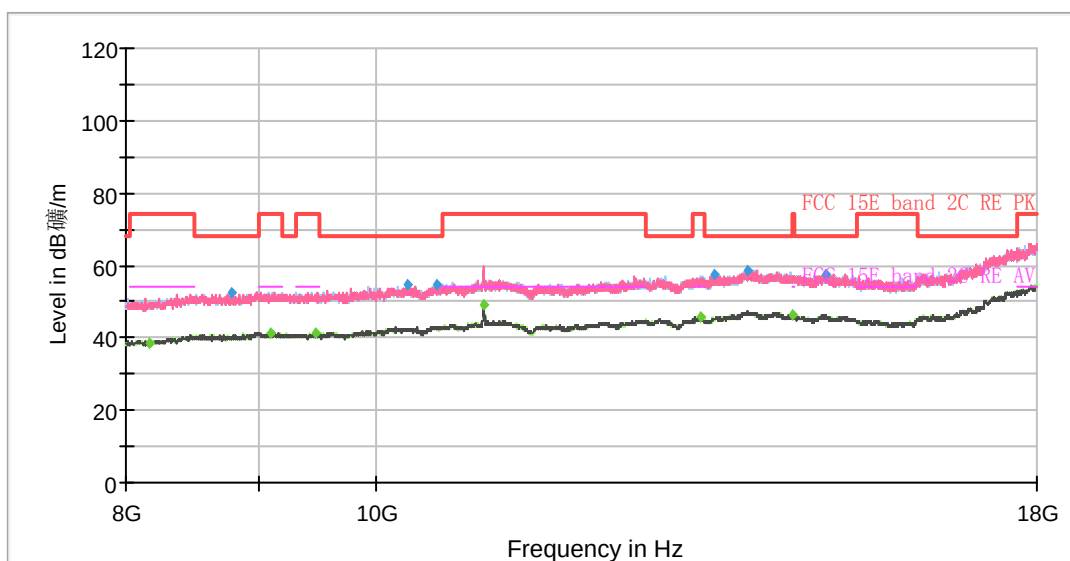
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11a CH100



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



Radiates Emission from 8GHz to 18GHz

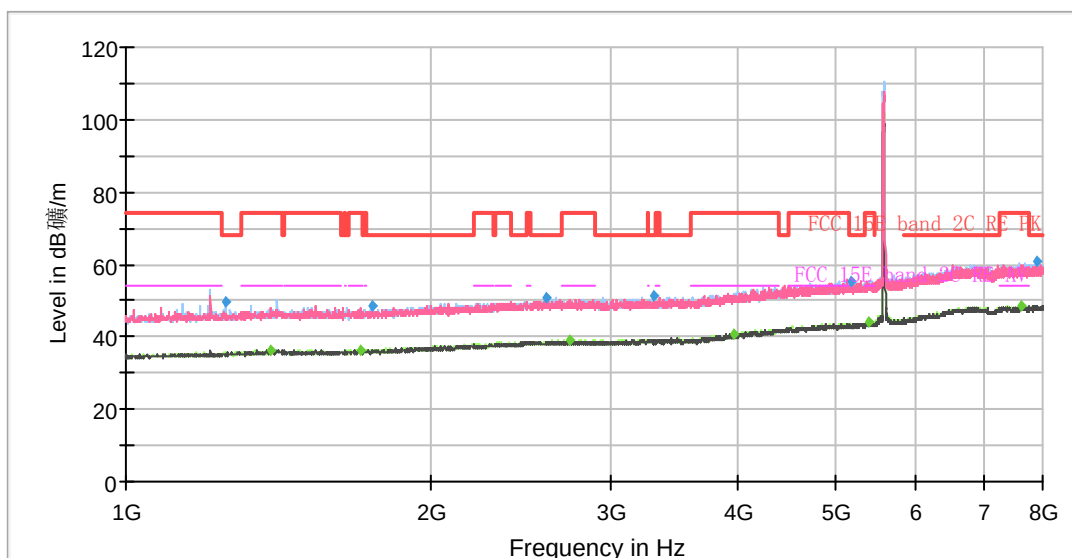


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1252.00	46.90	---	68.20	21.30	500.00	100.0	V	1.00	-8
1408.63	---	36.09	54.00	17.91	500.00	200.0	H	140.00	-7
1507.50	---	36.21	54.00	17.79	500.00	100.0	H	274.00	-6
1952.88	52.01	---	68.20	16.19	500.00	100.0	V	94.00	-5
2617.88	49.98	---	68.20	18.22	500.00	100.0	H	232.00	-4
2745.63	---	38.79	54.00	15.21	500.00	200.0	H	161.00	-4
3470.13	51.31	---	68.20	16.89	500.00	100.0	V	174.00	-3
3954.00	---	41.09	54.00	12.91	500.00	100.0	V	127.00	-1
4938.38	---	43.44	54.00	10.56	500.00	100.0	V	9.00	3
5305.88	55.77	---	68.20	12.43	500.00	100.0	H	347.00	4
7506.50	---	48.04	54.00	5.96	500.00	100.0	V	9.00	9
7944.00	59.77	---	68.20	8.43	500.00	100.0	V	0.00	9
11003.75	---	48.97	54.00	5.03	500.00	100.0	H	143.00	4

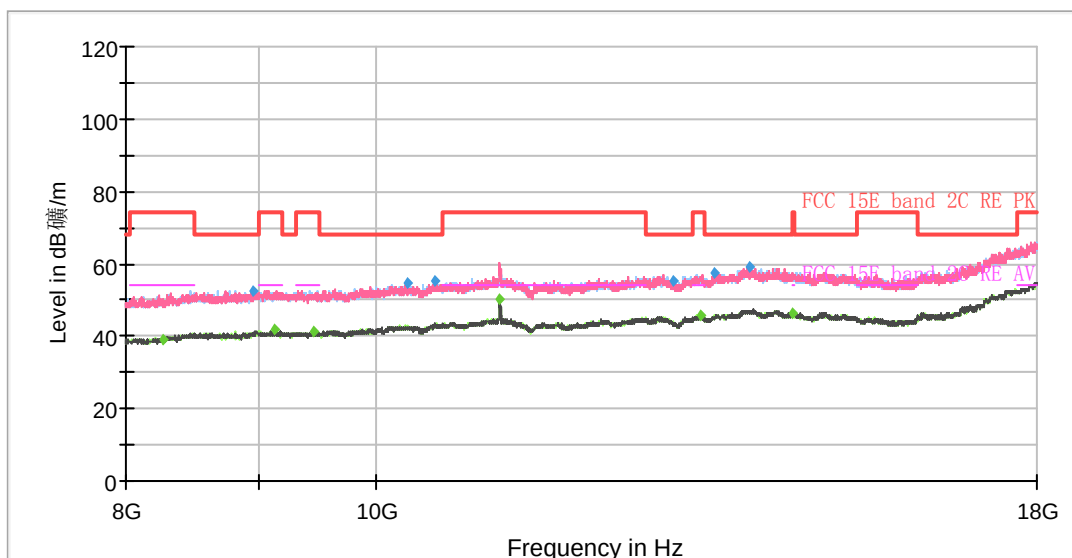
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit -MAX Peak/ Average

802.11a CH116



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



Radiates Emission from 8GHz to 18GHz

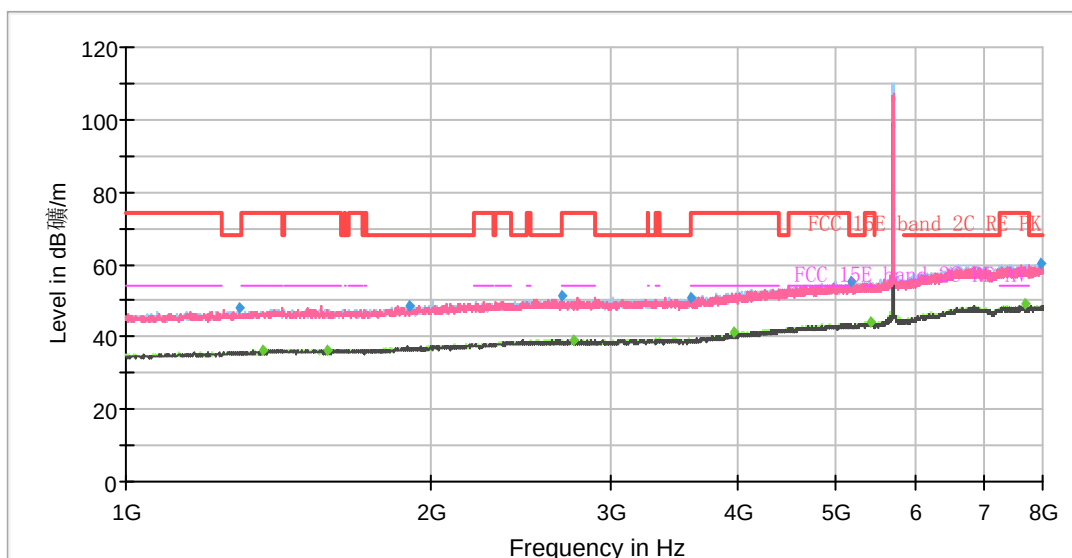


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1254.63	49.88	---	68.20	18.32	500.00	100.0	H	291.00	-8
1391.13	---	36.47	54.00	17.53	500.00	100.0	H	358.00	-7
1700.00	---	36.54	54.00	17.46	500.00	100.0	V	83.00	-6
1751.63	48.51	---	68.20	19.69	500.00	100.0	H	62.00	-6
2596.00	50.93	---	68.20	17.27	500.00	200.0	V	0.00	-4
2737.75	---	38.94	54.00	15.06	500.00	200.0	H	136.00	-4
3303.88	51.15	---	68.20	17.05	500.00	200.0	H	50.00	-3
3976.75	---	40.91	54.00	13.09	500.00	100.0	H	291.00	-1
5170.25	55.26	---	68.20	12.94	500.00	100.0	H	344.00	3
5393.38	---	44.33	54.00	9.67	500.00	200.0	H	0.00	4
7635.13	---	48.39	54.00	5.61	500.00	100.0	V	11.00	9
7883.63	61.08	---	68.20	7.12	500.00	100.0	V	20.00	9
11158.75	---	50.31	54.00	3.69	500.00	100.0	V	143.00	5

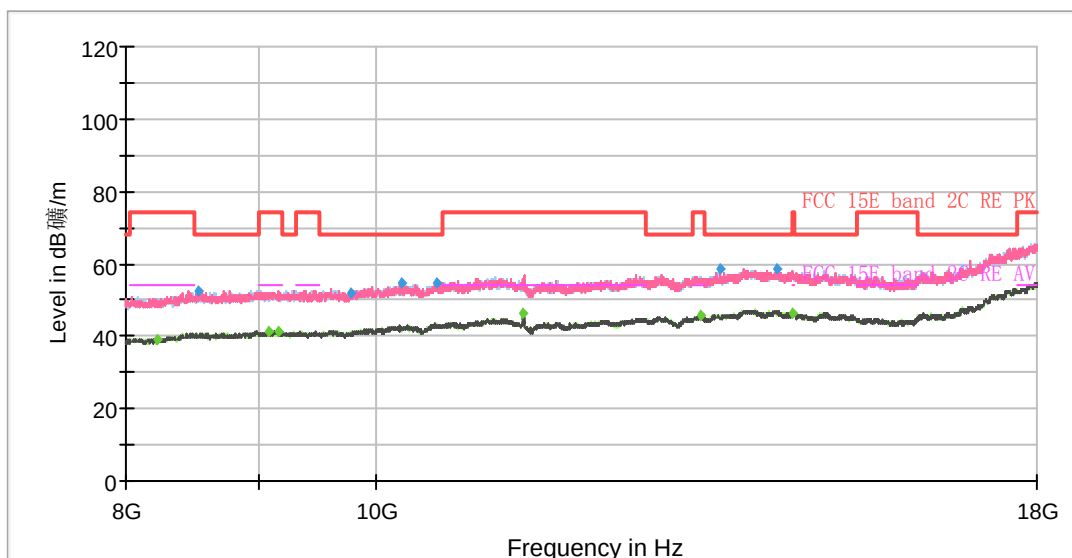
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11a CH140



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



Radiates Emission from 8GHz to 18GHz

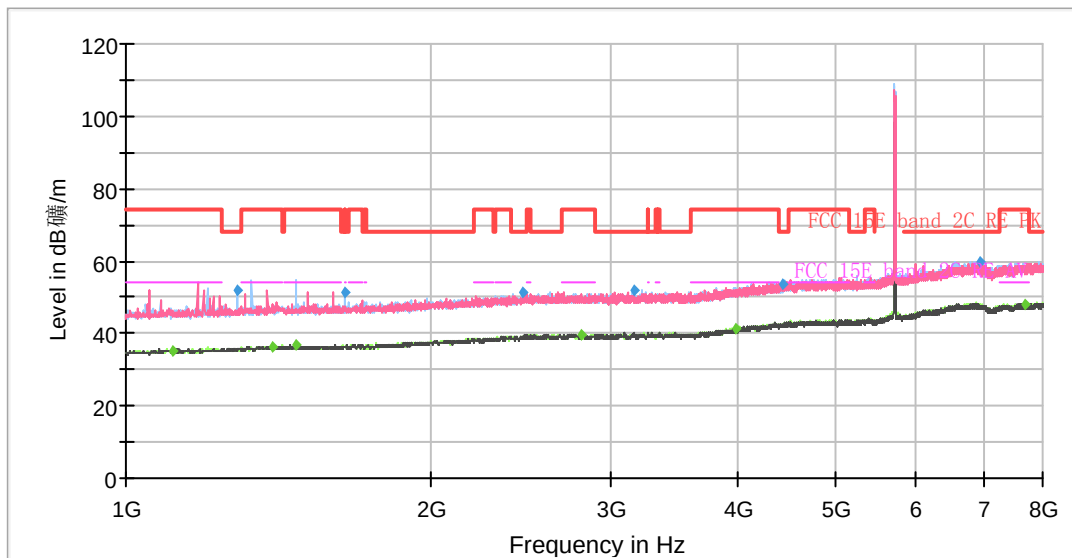


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1290.50	48.23	---	68.20	19.97	500.00	200.0	H	86.00	-8
1361.38	---	36.40	54.00	17.60	500.00	200.0	H	46.00	-7
1581.00	---	36.54	54.00	17.46	500.00	200.0	H	279.00	-6
1899.50	48.75	---	68.20	19.45	500.00	200.0	V	347.00	-5
2686.13	51.46	---	68.20	16.74	500.00	200.0	V	234.00	-4
2755.25	---	39.03	54.00	14.97	500.00	100.0	H	227.00	-4
3596.13	50.72	---	68.20	17.48	500.00	200.0	H	172.00	-2
3966.25	---	41.28	54.00	12.72	500.00	100.0	V	101.00	-1
5186.88	55.03	---	68.20	13.17	500.00	100.0	H	353.00	3
5424.00	---	44.18	54.00	9.82	500.00	100.0	H	358.00	4
7693.75	---	48.97	54.00	5.03	500.00	100.0	H	353.00	9
7958.88	60.04	---	68.20	8.16	500.00	200.0	H	159.00	9

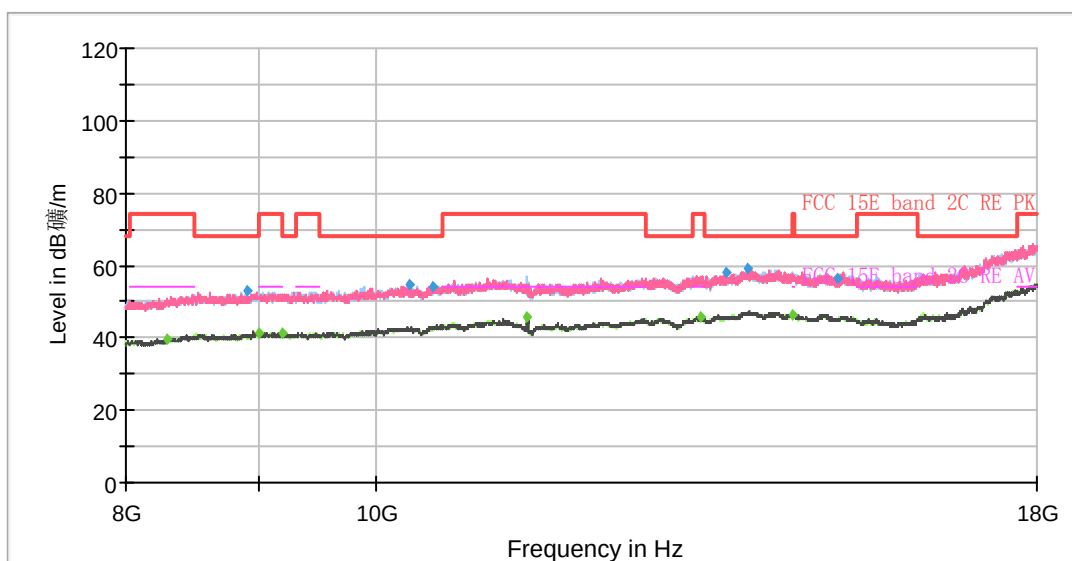
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11a CH144



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



Radiates Emission from 8GHz to 18GHz

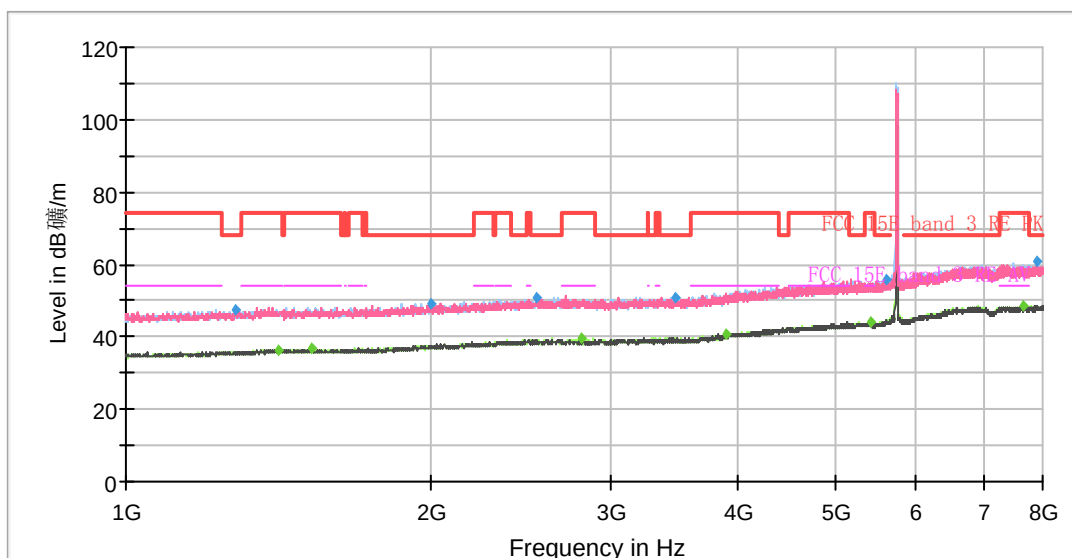


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1111.13	---	35.38	54.00	18.62	500.00	100.0	V	44.00	-9
1287.00	51.93	---	68.20	16.27	500.00	200.0	H	16.00	-8
1395.50	---	36.54	54.00	17.46	500.00	100.0	V	119.00	-7
1469.00	---	37.01	54.00	16.99	500.00	200.0	H	60.00	-7
1642.25	51.21	---	68.20	16.99	500.00	200.0	H	54.00	-6
2463.88	51.34	---	68.20	16.86	500.00	200.0	H	202.00	-4
2810.38	---	39.62	54.00	14.38	500.00	100.0	V	31.00	-3
3164.75	51.84	---	68.20	16.36	500.00	200.0	V	337.00	-3
3989.00	---	41.36	54.00	12.64	500.00	200.0	H	0.00	-1
4435.25	53.49	---	68.20	14.71	500.00	200.0	H	196.00	1
6933.38	59.92	---	68.20	8.28	500.00	200.0	H	202.00	9
7676.25	---	48.24	54.00	5.76	500.00	100.0	V	78.00	9

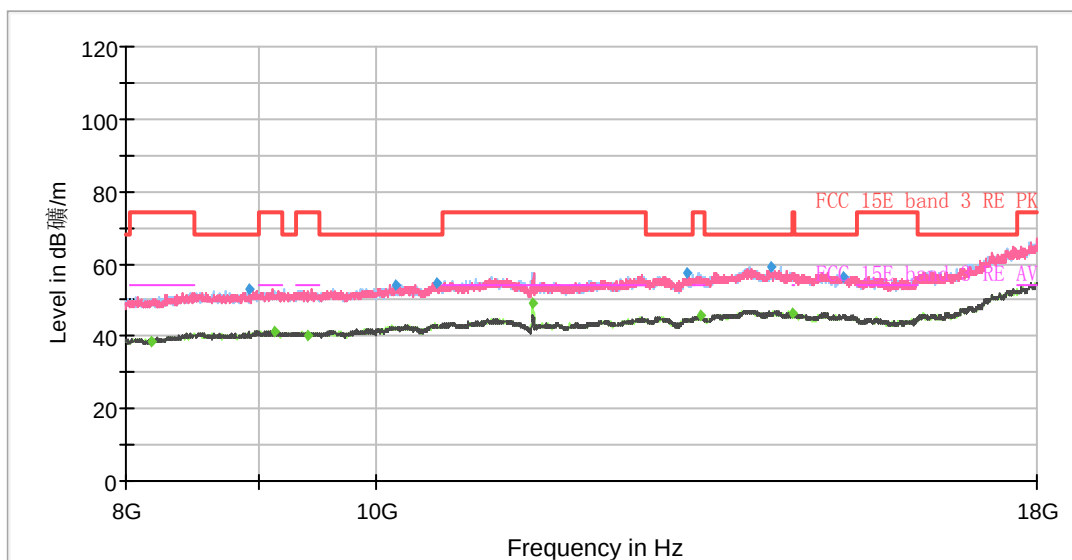
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11a CH149



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



Radiates Emission from 8GHz to 18GHz

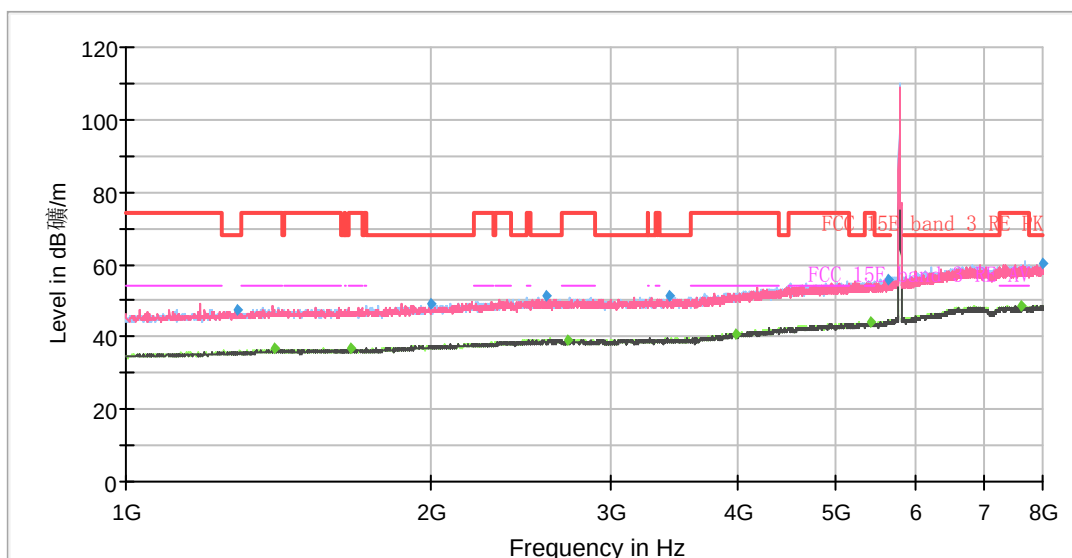


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1282.63	47.44	---	68.20	20.76	500.00	100.0	V	20.00	-8
1412.13	---	36.44	54.00	17.56	500.00	100.0	H	349.00	-7
1525.00	---	36.73	54.00	17.27	500.00	200.0	H	230.00	-6
1994.88	49.35	---	68.20	18.85	500.00	200.0	V	153.00	-5
2539.13	50.76	---	68.20	17.44	500.00	100.0	H	165.00	-4
2815.63	---	39.37	54.00	14.63	500.00	200.0	H	40.00	-3
3482.38	51.06	---	68.20	17.14	500.00	200.0	H	114.00	-3
3909.38	---	40.83	54.00	13.17	500.00	100.0	H	356.00	-1
5410.88	---	44.13	54.00	9.87	500.00	200.0	H	2.00	4
5617.38	56.01	---	68.20	12.19	500.00	100.0	H	260.00	4
7660.50	---	48.52	54.00	5.48	500.00	100.0	H	334.00	9
7885.38	60.66	---	68.20	7.54	500.00	100.0	H	0.00	9
11491.25	---	49.34	54.00	4.66	500.00	100.0	H	234.00	4

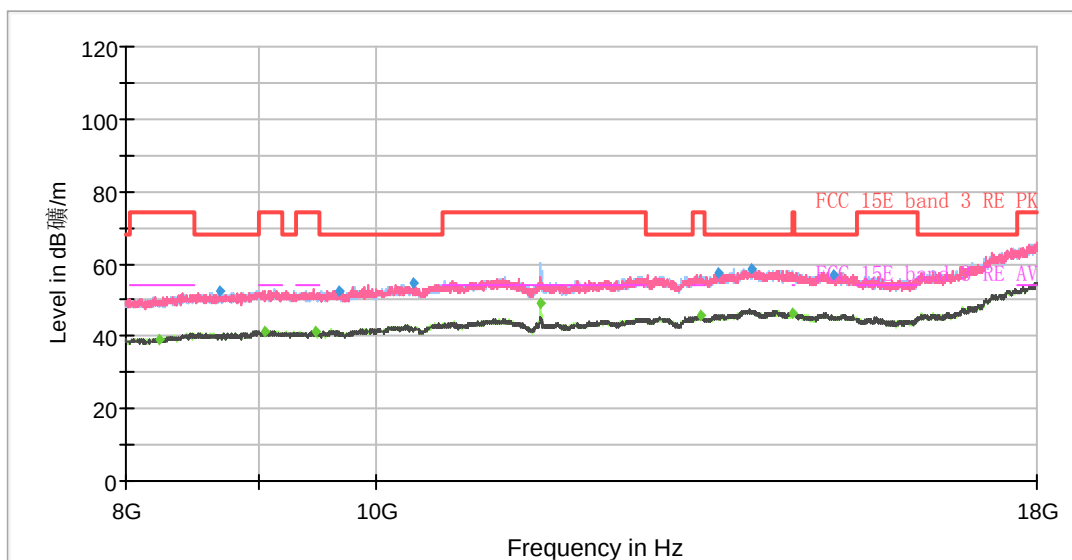
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11a CH157



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



Radiates Emission from 8GHz to 18GHz

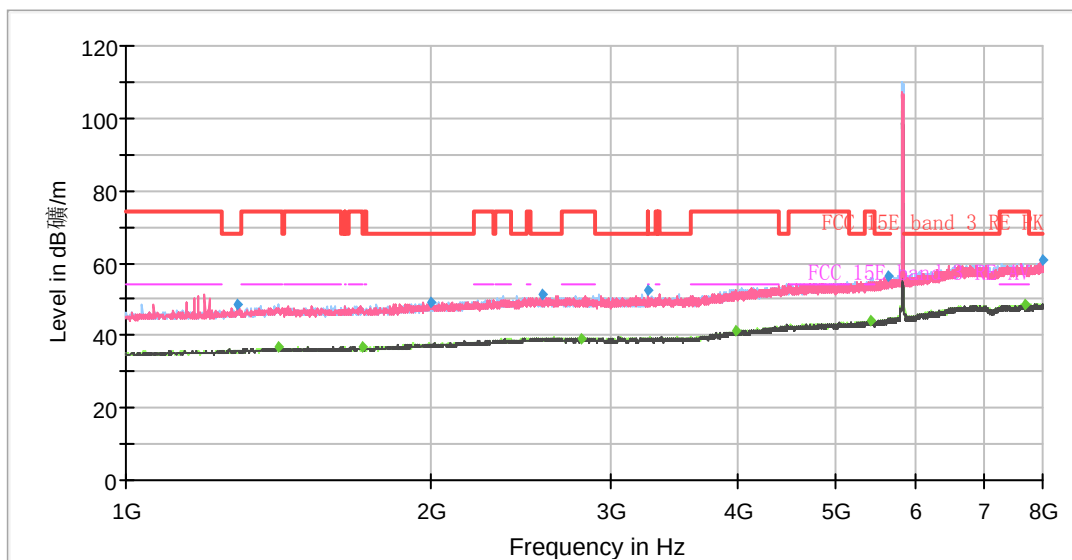


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1287.00	47.29	---	68.20	20.91	500.00	200.0	V	108.00	-8
1399.00	---	36.76	54.00	17.24	500.00	100.0	V	199.00	-7
1662.38	---	36.80	54.00	17.20	500.00	100.0	V	77.00	-6
1997.50	49.03	---	68.20	19.17	500.00	200.0	H	3.00	-5
2595.13	51.36	---	68.20	16.84	500.00	100.0	H	265.00	-4
2718.50	---	39.13	54.00	14.87	500.00	100.0	V	9.00	-4
3433.38	51.27	---	68.20	16.93	500.00	100.0	H	251.00	-3
3988.13	---	40.98	54.00	13.03	500.00	200.0	H	171.00	-1
5403.88	---	44.05	54.00	9.95	500.00	200.0	H	271.00	4
5628.75	55.79	---	68.20	12.41	500.00	100.0	V	13.00	4
7612.38	---	48.48	54.00	5.52	500.00	100.0	V	109.00	9
8000.00	60.20	---	68.20	8.00	500.00	100.0	H	131.00	9
11572.50	---	48.96	54.00	5.04	500.00	100.0	H	288.00	4

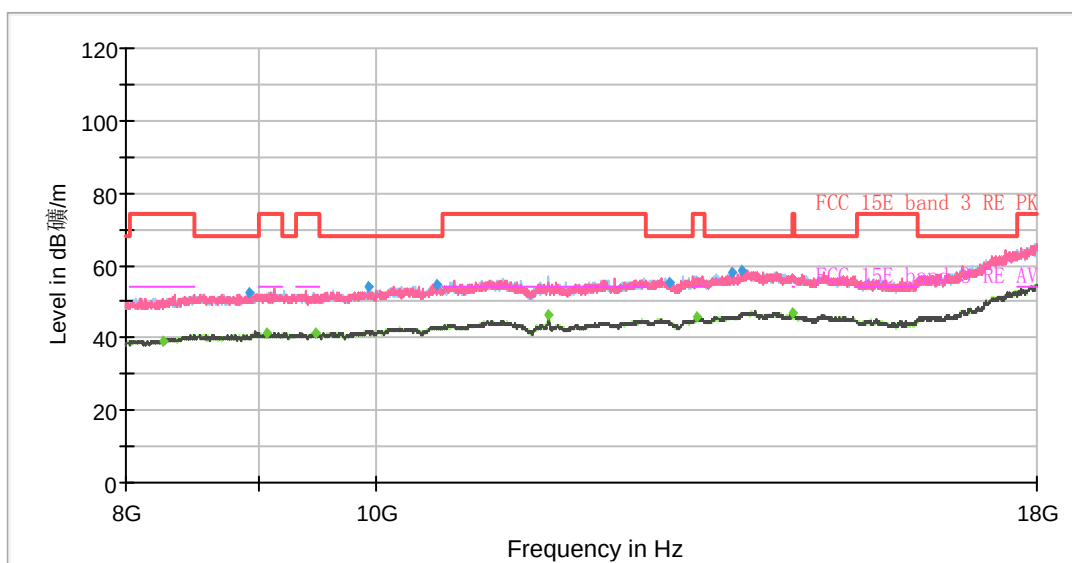
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11a CH165



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



Radiates Emission from 8GHz to 18GHz



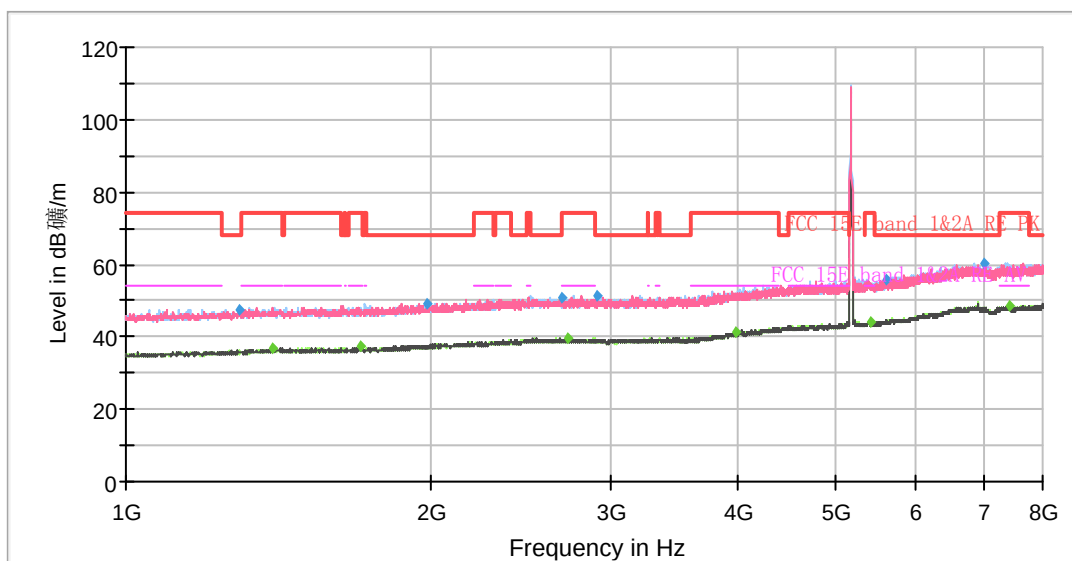
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1289.63	48.63	---	68.20	19.57	500.00	200.0	V	311.00	-8
1412.13	---	36.60	54.00	17.40	500.00	200.0	H	42.00	-7
1707.00	---	36.85	54.00	17.15	500.00	100.0	H	224.00	-6
1994.88	49.16	---	68.20	19.04	500.00	100.0	H	224.00	-5
2575.00	51.14	---	68.20	17.06	500.00	100.0	V	2.00	-4
2809.50	---	39.21	54.00	14.79	500.00	100.0	V	17.00	-3
3269.75	52.20	---	68.20	16.00	500.00	100.0	V	89.00	-3
3989.00	---	41.10	54.00	12.90	500.00	100.0	V	3.00	-1
5419.63	---	43.96	54.00	10.04	500.00	200.0	H	3.00	4
5627.00	56.15	---	68.20	12.05	500.00	200.0	H	28.00	4
7701.63	---	48.44	54.00	5.56	500.00	200.0	H	22.00	9
7986.88	60.59	---	68.20	7.61	500.00	200.0	H	3.00	9

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

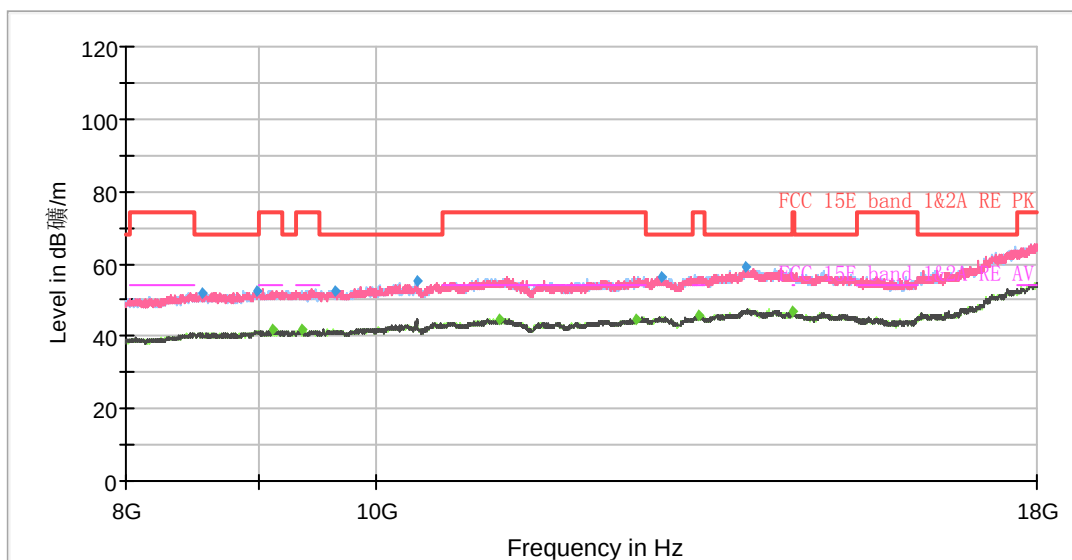
2. Margin = Limit - MAX Peak/ Average



802.11ac (VHT20) CH36



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



Radiates Emission from 8GHz to 18GHz

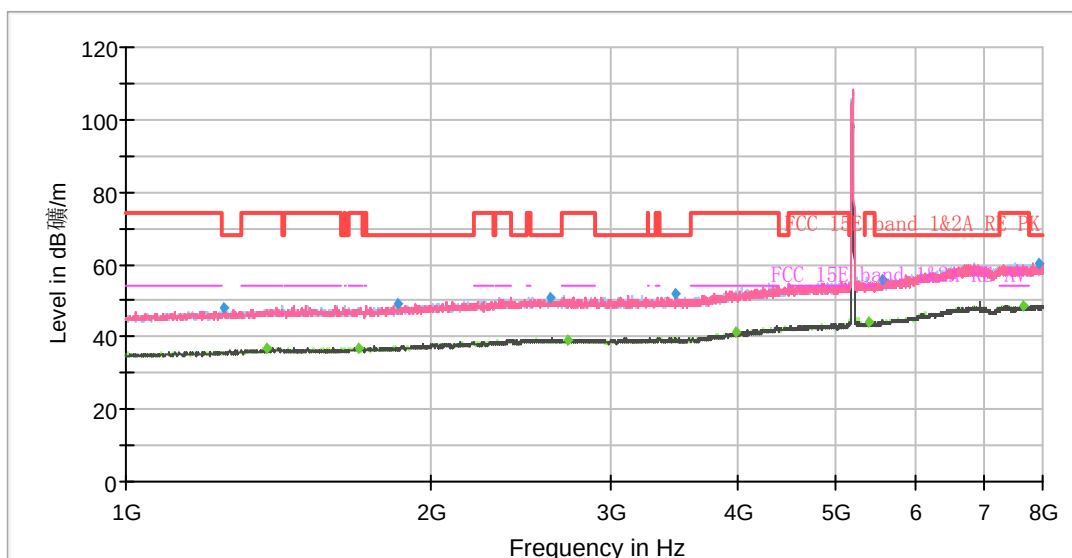


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1294.00	47.62	---	68.20	20.58	500.00	200.0	H	108.00	-8
1393.75	---	36.62	54.00	17.38	500.00	200.0	V	169.00	-7
1705.25	---	37.16	54.00	16.84	500.00	100.0	V	2.00	-6
1981.75	49.05	---	68.20	19.15	500.00	200.0	H	0.00	-5
2685.25	50.72	---	68.20	17.48	500.00	200.0	H	3.00	-4
2722.88	---	39.41	54.00	14.59	500.00	100.0	H	345.00	-4
2906.63	51.37	---	68.20	16.83	500.00	200.0	V	283.00	-3
3989.88	---	41.03	54.00	12.97	500.00	200.0	H	0.00	-1
5408.25	---	44.27	54.00	9.73	500.00	200.0	H	122.00	4
5620.00	55.88	---	68.20	12.32	500.00	100.0	V	138.00	4
7015.63	60.40	---	68.20	7.80	500.00	100.0	H	359.00	8
7403.25	---	48.53	54.00	5.47	500.00	100.0	V	138.00	9

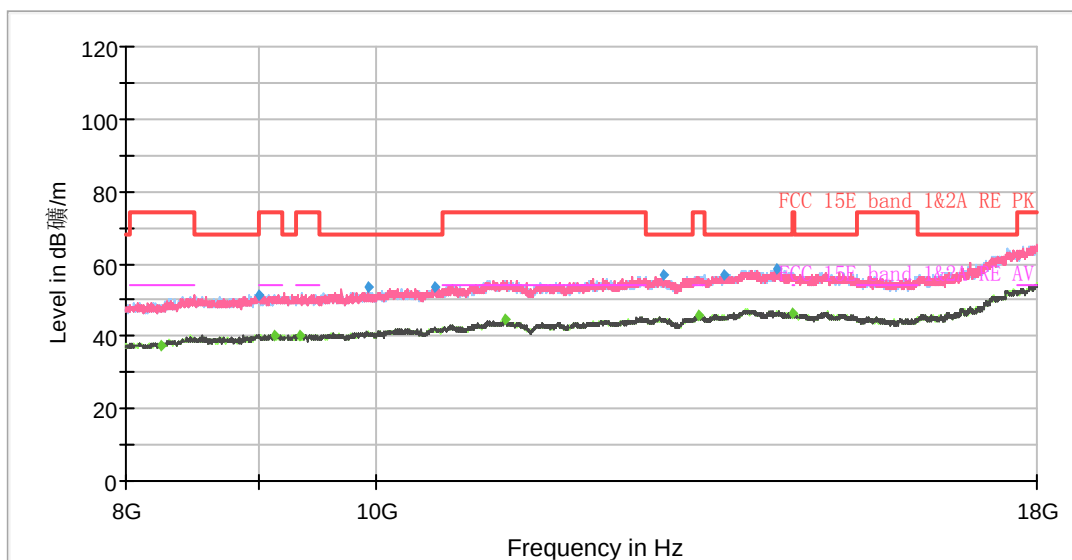
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit -MAX Peak/ Average

802.11ac (VHT20) CH40



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



Radiates Emission from 8GHz to 18GHz

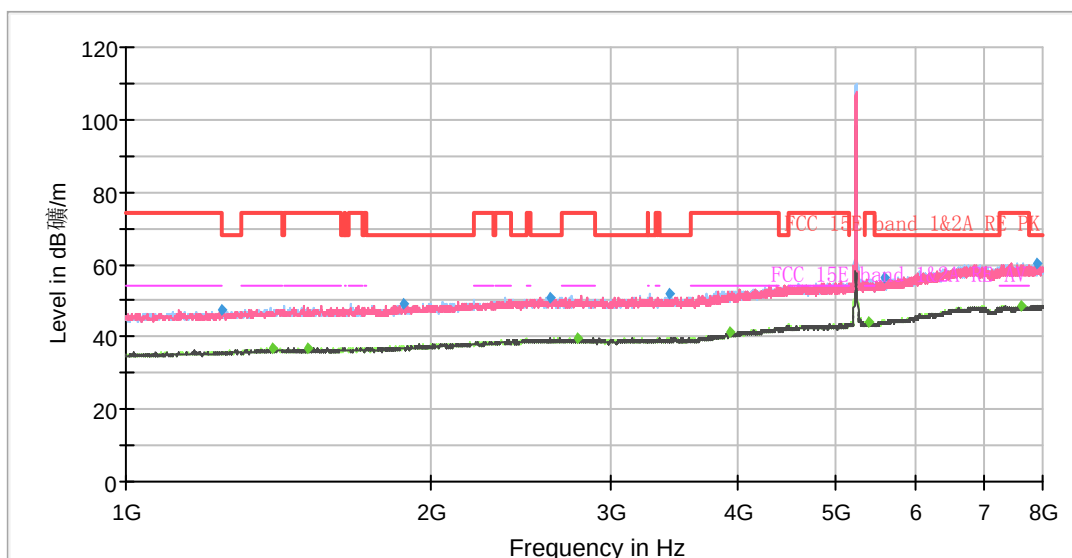


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1247.63	47.80	---	68.20	20.40	500.00	200.0	H	183.00	-8
1378.88	---	36.79	54.00	17.21	500.00	200.0	H	203.00	-7
1697.38	---	36.89	54.00	17.11	500.00	100.0	H	337.00	-6
1849.63	49.27	---	68.20	18.93	500.00	200.0	H	6.00	-6
2619.63	50.94	---	68.20	17.26	500.00	100.0	H	190.00	-4
2719.38	---	39.33	54.00	14.67	500.00	100.0	V	45.00	-4
3480.63	51.78	---	68.20	16.42	500.00	200.0	V	348.00	-3
3989.88	---	41.41	54.00	12.59	500.00	200.0	V	271.00	-1
5401.25	---	44.14	54.00	9.86	500.00	200.0	H	109.00	4
5566.63	55.92	---	68.20	12.28	500.00	200.0	H	23.00	4
7643.00	---	48.51	54.00	5.49	500.00	200.0	V	0.00	9
7916.00	60.42	---	68.20	7.78	500.00	100.0	H	358.00	9

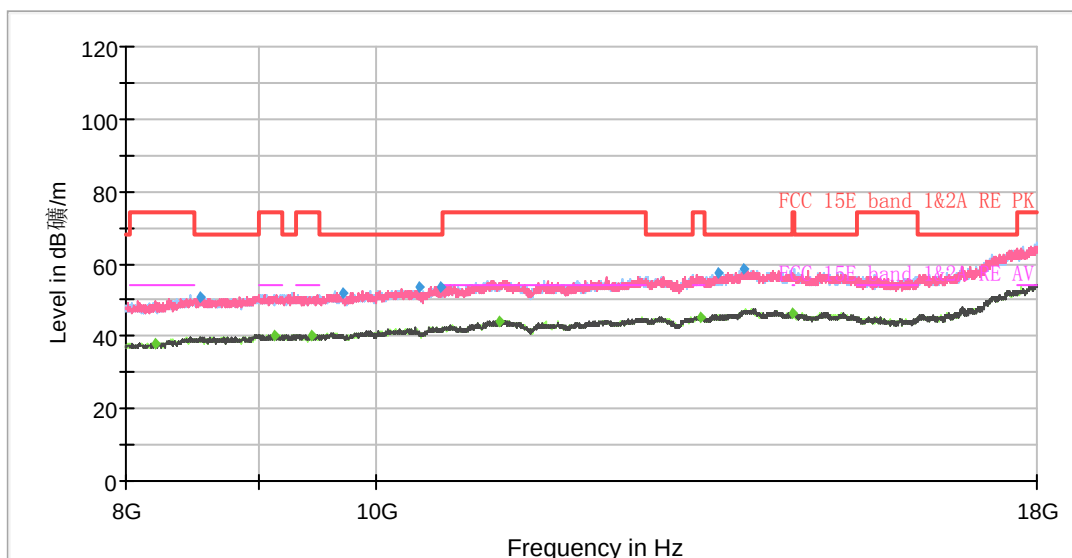
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11ac (VHT20) CH48



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



Radiates Emission from 8GHz to 18GHz

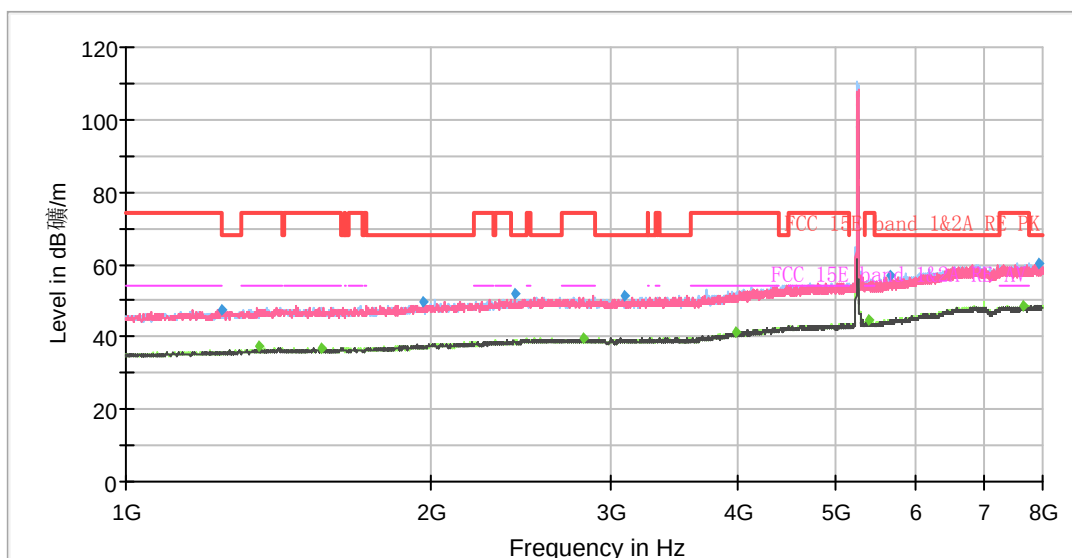


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1240.63	47.48	---	68.20	20.72	500.00	200.0	H	41.00	-8
1394.63	---	36.90	54.00	17.10	500.00	200.0	V	355.00	-7
1508.38	---	36.87	54.00	17.13	500.00	100.0	H	256.00	-6
1878.50	49.02	---	68.20	19.18	500.00	200.0	V	156.00	-6
2613.50	51.06	---	68.20	17.14	500.00	100.0	H	256.00	-4
2790.25	---	39.89	54.00	14.11	500.00	200.0	V	336.00	-3
3422.88	51.78	---	68.20	16.42	500.00	100.0	H	170.00	-3
3940.00	---	41.18	54.00	12.82	500.00	200.0	H	196.00	-1
5392.50	---	44.10	54.00	9.90	500.00	100.0	H	256.00	4
5593.75	56.35	---	68.20	11.85	500.00	200.0	V	296.00	4
7603.63	---	48.38	54.00	5.62	500.00	200.0	H	34.00	9
7880.13	60.35	---	68.20	7.85	500.00	100.0	H	116.00	9

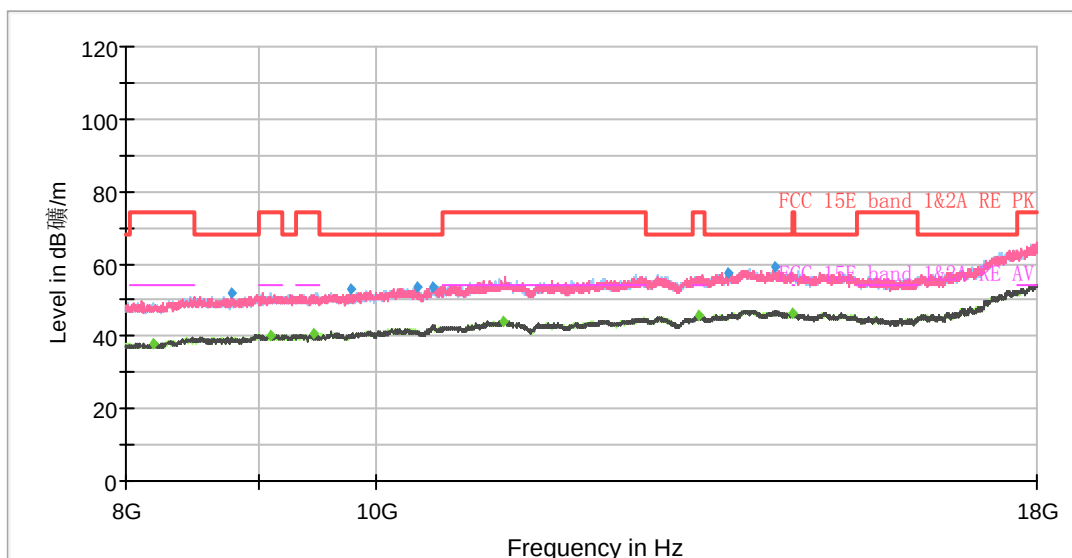
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11ac (VHT20) CH52



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



Radiates Emission from 8GHz to 18GHz

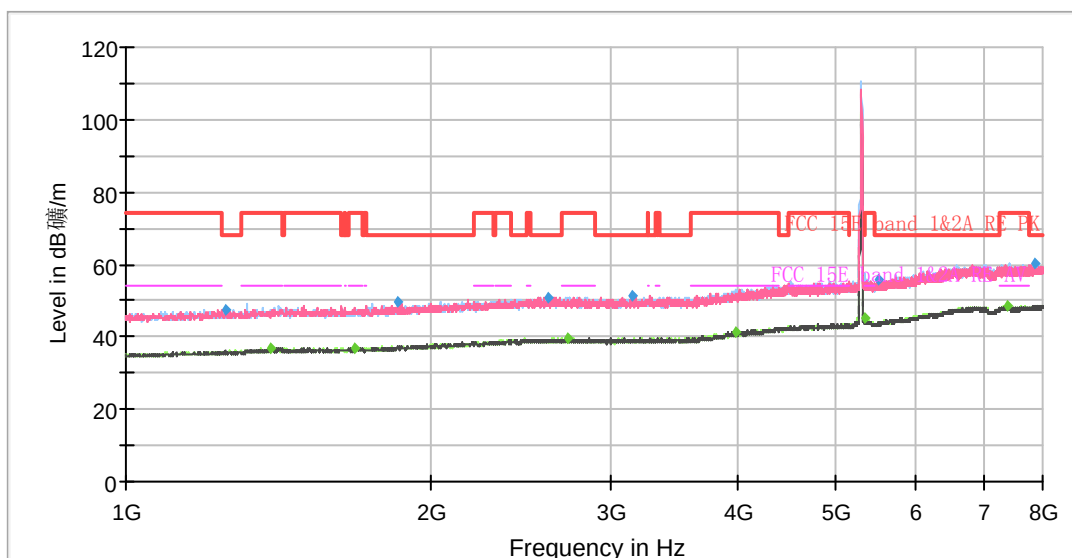


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1243.25	47.43	---	68.20	20.77	500.00	100.0	V	103.00	-8
1350.00	---	37.32	54.00	16.68	500.00	200.0	H	257.00	-7
1558.25	---	36.96	54.00	17.04	500.00	200.0	H	72.00	-6
1959.00	49.42	---	68.20	18.78	500.00	100.0	V	84.00	-5
2416.63	51.81	---	68.20	16.39	500.00	100.0	V	137.00	-4
2819.13	---	39.39	54.00	14.61	500.00	100.0	H	314.00	-3
3104.38	51.26	---	68.20	16.94	500.00	200.0	H	145.00	-3
3984.63	---	41.16	54.00	12.84	500.00	200.0	H	10.00	-1
5403.00	---	44.45	54.00	9.55	500.00	100.0	H	307.00	4
5656.75	57.20	---	68.20	11.00	500.00	200.0	H	118.00	4
7647.38	---	48.39	54.00	5.61	500.00	100.0	H	127.00	9
7915.13	60.48	---	68.20	7.72	500.00	100.0	H	227.00	9

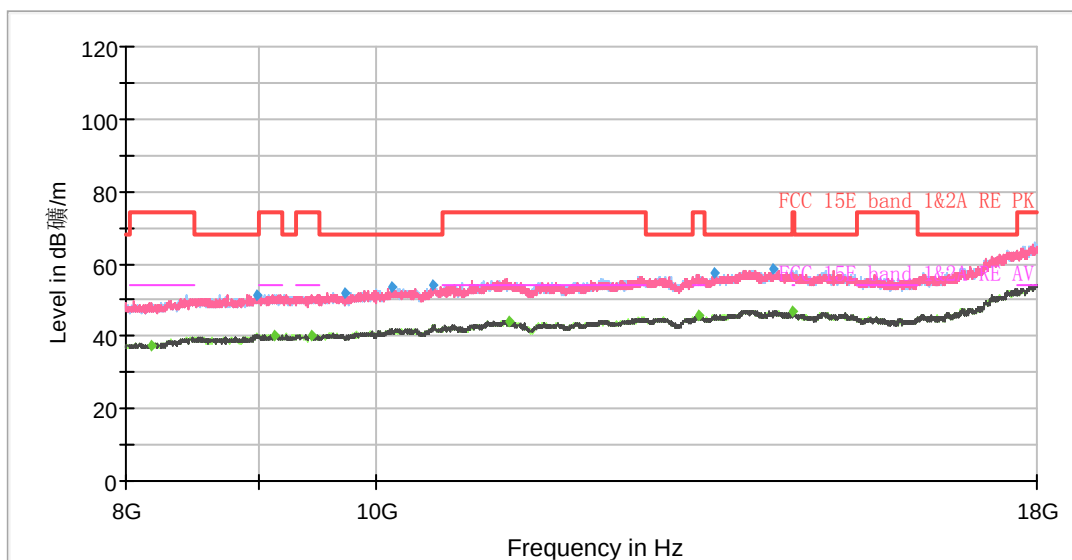
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11ac (VHT20) CH60



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



Radiates Emission from 8GHz to 18GHz

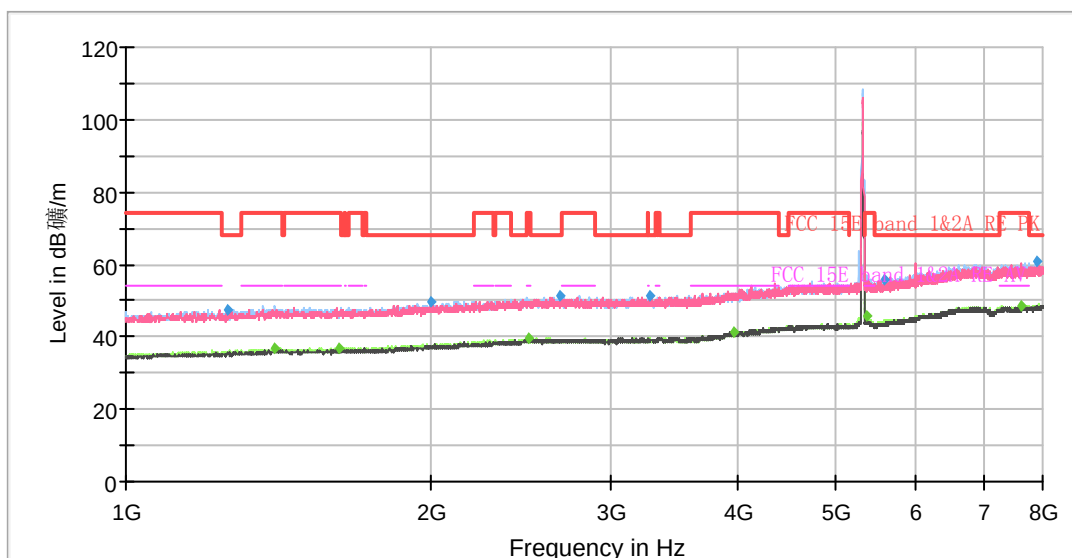


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1251.13	47.65	---	68.20	20.55	500.00	100.0	H	149.00	-8
1389.38	---	36.66	54.00	17.34	500.00	100.0	V	46.00	-7
1680.75	---	36.96	54.00	17.04	500.00	200.0	H	62.00	-6
1849.63	49.40	---	68.20	18.80	500.00	200.0	H	17.00	-6
2604.75	50.96	---	68.20	17.24	500.00	200.0	H	42.00	-4
2726.38	---	39.41	54.00	14.59	500.00	200.0	V	329.00	-4
3155.13	51.46	---	68.20	16.74	500.00	200.0	V	356.00	-3
3986.38	---	41.30	54.00	12.70	500.00	200.0	H	257.00	-1
5352.25	---	45.27	54.00	8.73	500.00	100.0	H	330.00	4
5513.25	55.54	---	68.20	12.66	500.00	100.0	H	256.00	4
7383.13	---	48.43	54.00	5.57	500.00	100.0	H	242.00	9
7845.13	60.07	---	68.20	8.13	500.00	200.0	H	9.00	9

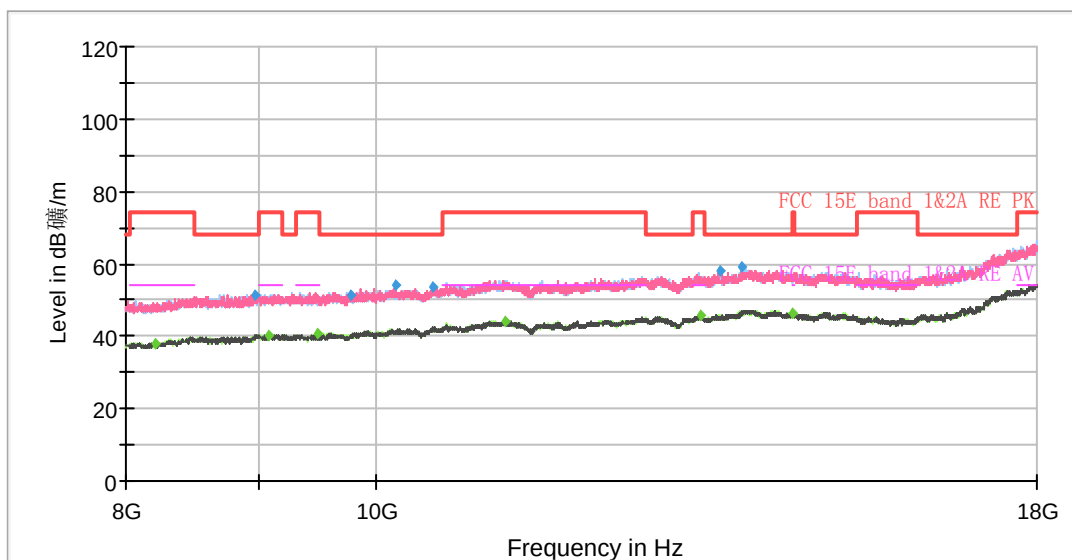
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11ac (VHT20) CH64



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



Radiates Emission from 8GHz to 18GHz

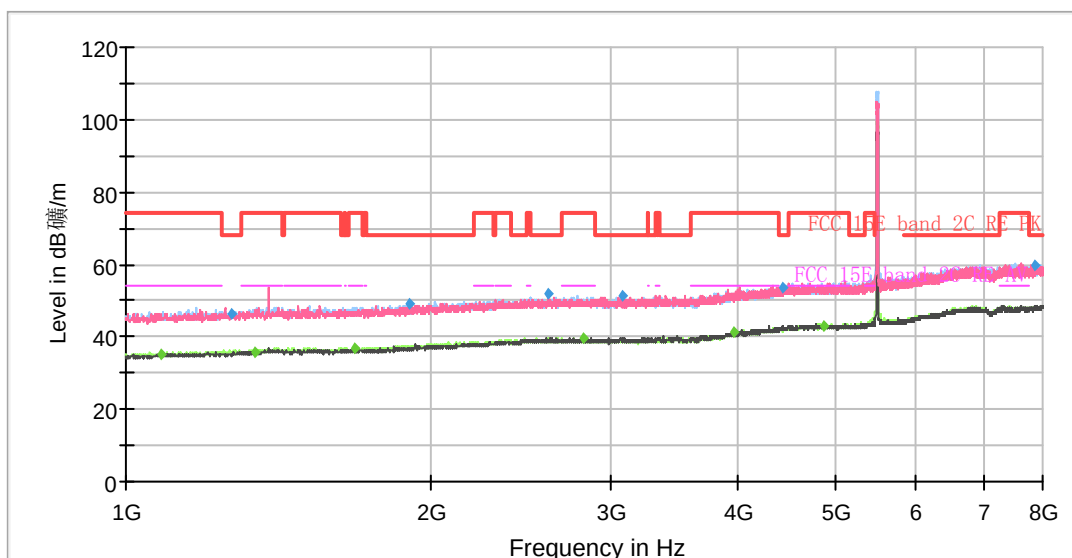


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1257.25	47.69	---	68.20	20.51	500.00	100.0	V	4.00	-8
1400.75	---	36.64	54.00	17.36	500.00	200.0	H	8.00	-7
1620.38	---	36.82	54.00	17.18	500.00	100.0	H	215.00	-6
1993.13	49.77	---	68.20	18.43	500.00	100.0	H	6.00	-5
2487.50	---	39.49	54.00	14.51	500.00	200.0	H	42.00	-4
2680.88	51.29	---	68.20	16.91	500.00	100.0	H	0.00	-4
3275.00	51.33	---	68.20	16.87	500.00	100.0	V	69.00	-3
3974.13	---	41.27	54.00	12.73	500.00	100.0	V	149.00	-1
5360.13	---	45.96	54.00	8.04	500.00	200.0	H	340.00	4
5595.50	55.65	---	68.20	12.55	500.00	200.0	H	161.00	4
7622.88	---	48.39	54.00	5.61	500.00	100.0	H	356.00	9
7877.50	60.79	---	68.20	7.41	500.00	200.0	H	134.00	9

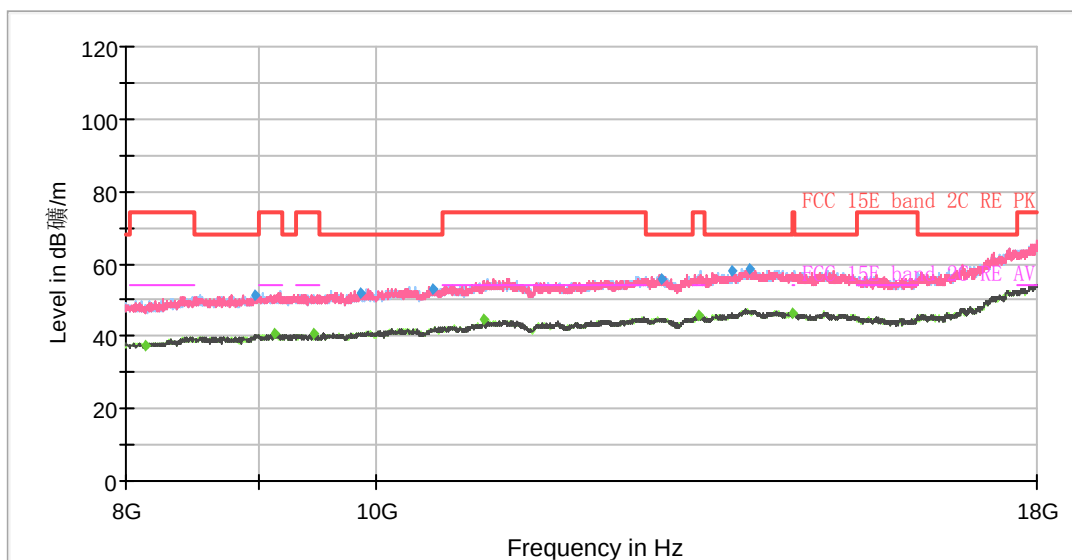
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11ac (VHT20) CH100



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



Radiates Emission from 8GHz to 18GHz

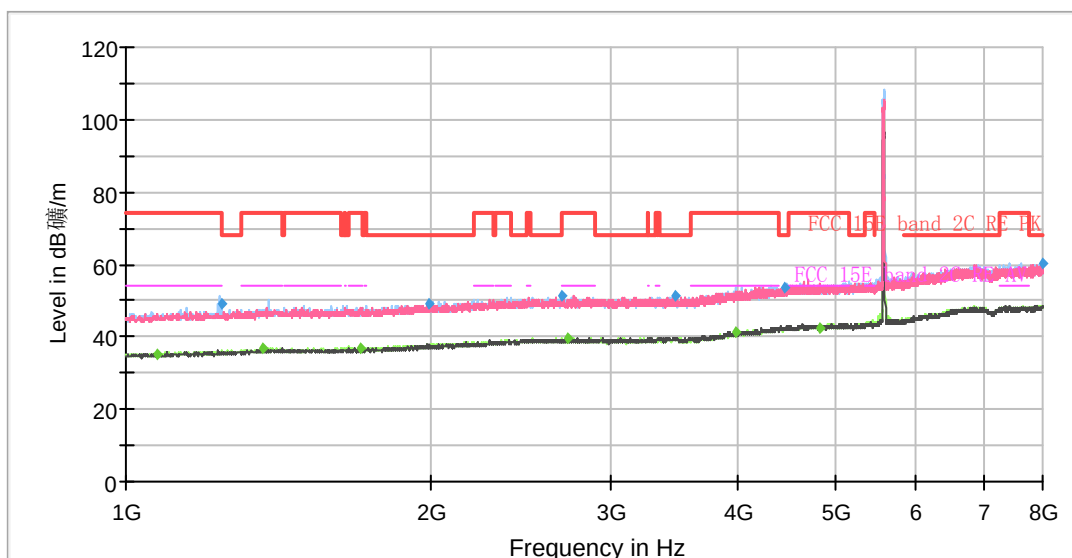


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1084.88	---	35.22	54.00	18.78	500.00	200.0	H	67.00	-9
1269.50	46.44	---	68.20	21.76	500.00	200.0	H	215.00	-8
1342.13	---	35.90	54.00	18.10	500.00	100.0	H	322.00	-7
1681.63	---	36.97	54.00	17.03	500.00	200.0	H	270.00	-6
1900.38	48.98	---	68.20	19.22	500.00	100.0	H	161.00	-5
2604.75	52.13	---	68.20	16.07	500.00	100.0	V	156.00	-4
2825.25	---	39.54	54.00	14.46	500.00	100.0	V	107.00	-3
3086.00	51.52	---	68.20	16.68	500.00	200.0	V	113.00	-3
3975.00	---	41.36	54.00	12.64	500.00	100.0	H	357.00	-1
4437.88	53.63	---	68.20	14.57	500.00	100.0	H	356.00	1
4864.00	---	42.93	54.00	11.07	500.00	200.0	H	162.00	2
7864.38	59.92	---	68.20	8.28	500.00	100.0	H	0.00	9

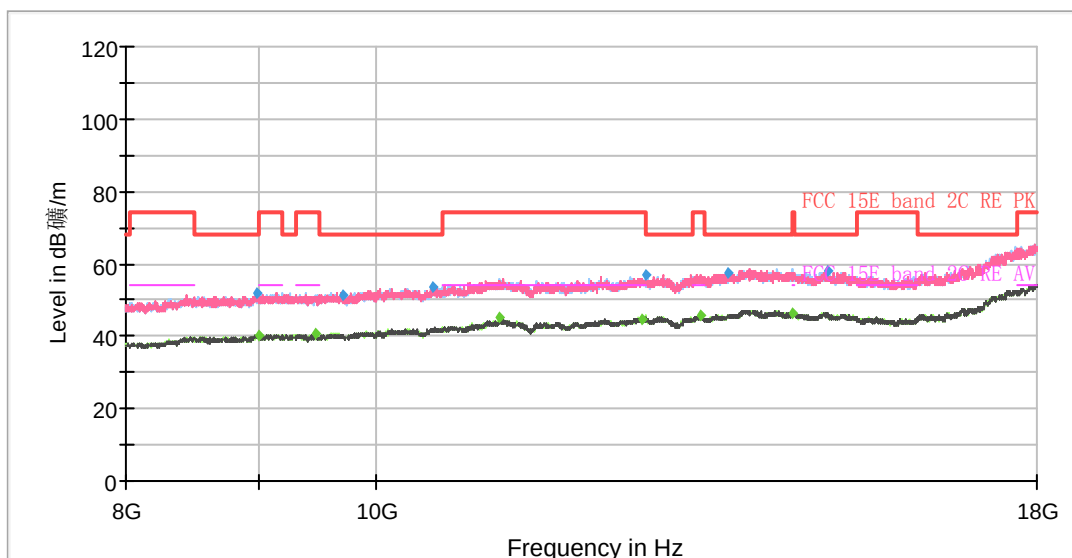
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11ac (VHT20) CH116



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



Radiates Emission from 8GHz to 18GHz

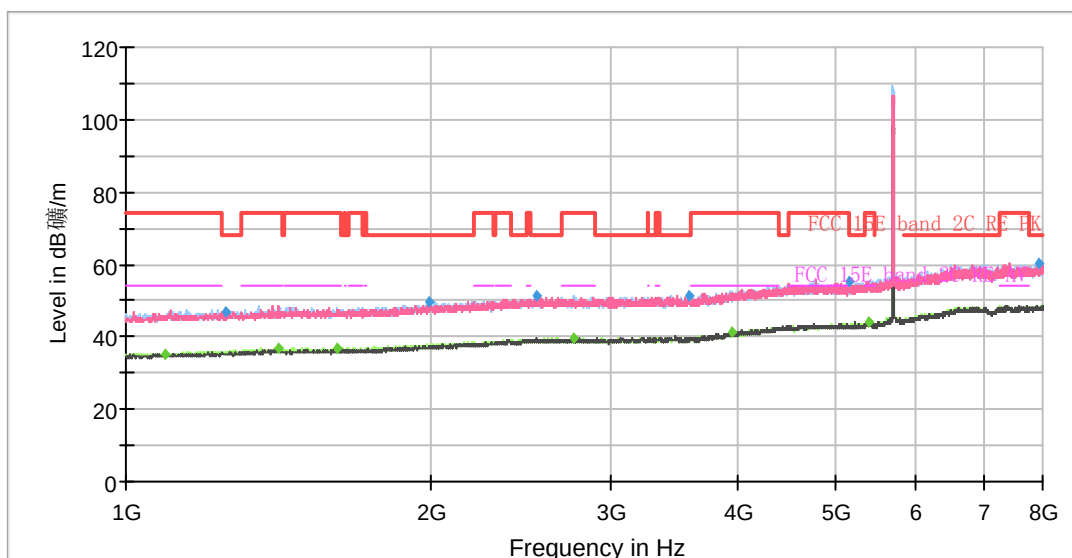


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1074.38	---	35.02	54.00	18.98	500.00	100.0	H	12.00	-9
1243.25	49.00	---	68.20	19.20	500.00	100.0	H	181.00	-8
1361.38	---	36.86	54.00	17.14	500.00	200.0	H	7.00	-7
1701.75	---	36.80	54.00	17.20	500.00	200.0	H	72.00	-6
1988.75	49.02	---	68.20	19.18	500.00	200.0	H	1.00	-5
2689.63	51.34	---	68.20	16.86	500.00	200.0	V	314.00	-4
2723.75	---	39.49	54.00	14.51	500.00	100.0	V	11.00	-4
3482.38	51.19	---	68.20	17.01	500.00	200.0	V	262.00	-3
3992.50	---	41.31	54.00	12.69	500.00	200.0	H	146.00	-1
4461.50	53.83	---	68.20	14.37	500.00	200.0	H	4.00	1
4831.63	---	42.20	54.00	11.80	500.00	200.0	H	4.00	2
7997.38	60.00	---	68.20	8.20	500.00	200.0	H	58.00	9

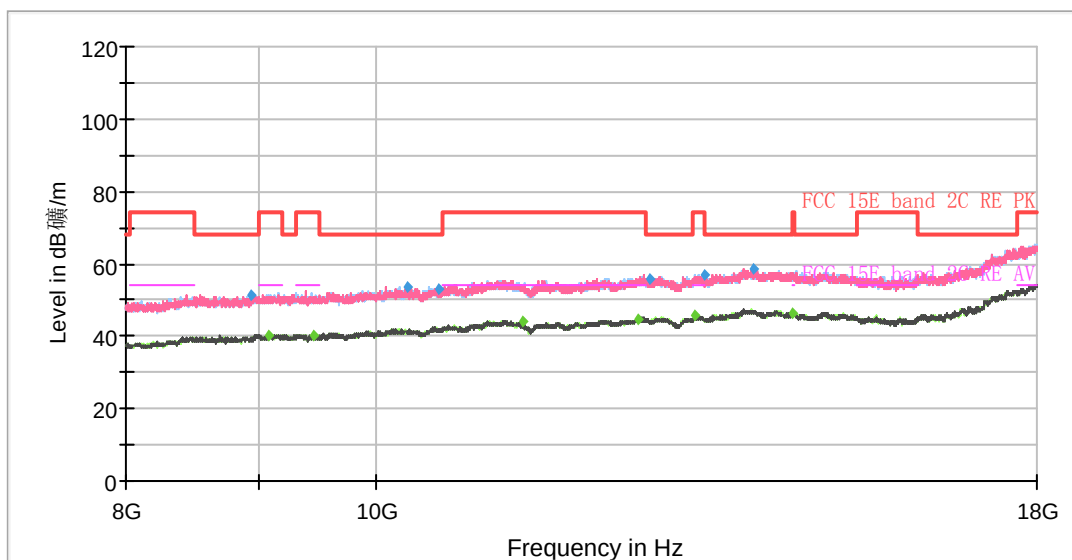
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11ac (VHT20) CH140



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



Radiates Emission from 8GHz to 18GHz

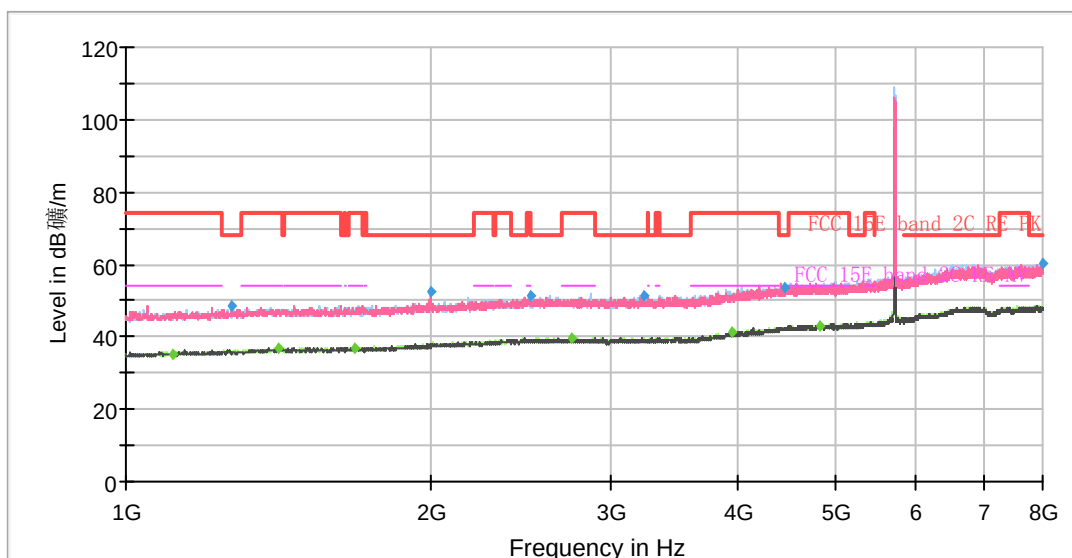


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1094.50	---	35.28	54.00	18.72	500.00	200.0	H	13.00	-9
1253.75	46.87	---	68.20	21.33	500.00	200.0	H	211.00	-8
1413.00	---	36.68	54.00	17.32	500.00	200.0	H	1.00	-7
1614.25	---	36.83	54.00	17.17	500.00	200.0	H	3.00	-6
1992.25	49.47	---	68.20	18.73	500.00	100.0	V	2.00	-5
2535.63	51.30	---	68.20	16.90	500.00	200.0	H	2.00	-4
2757.88	---	39.42	54.00	14.58	500.00	100.0	V	0.00	-4
3589.13	51.48	---	68.20	16.72	500.00	200.0	H	18.00	-2
3954.88	---	41.47	54.00	12.53	500.00	200.0	H	111.00	-1
5165.00	55.28	---	68.20	12.92	500.00	100.0	V	4.00	3
5403.00	---	43.94	54.00	10.06	500.00	200.0	H	144.00	4
7925.63	60.46	---	68.20	7.74	500.00	100.0	V	0.00	9

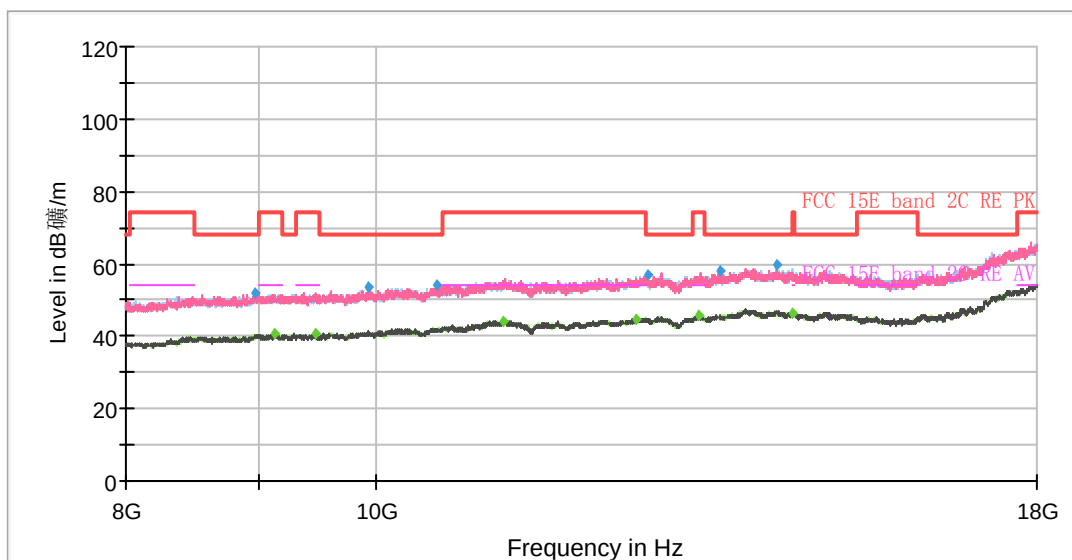
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT20) CH144



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



Radiates Emission from 8GHz to 18GHz

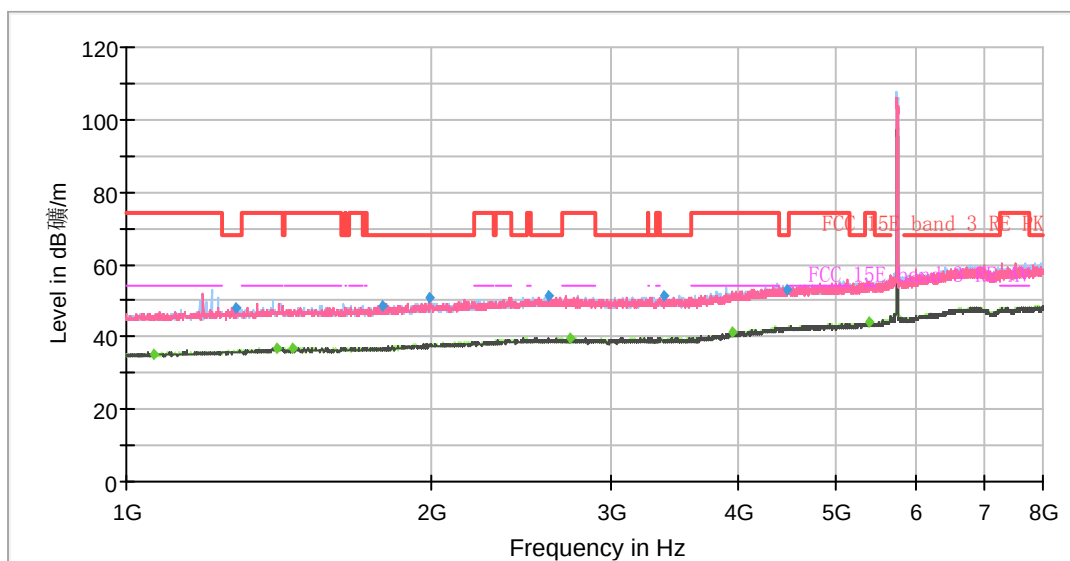


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1111.13	---	35.10	54.00	18.90	500.00	100.0	H	222.00	-9
1268.63	48.37	---	68.20	19.83	500.00	100.0	V	0.00	-8
1410.38	---	36.93	54.00	17.07	500.00	200.0	H	0.00	-7
1679.00	---	37.07	54.00	16.93	500.00	100.0	V	32.00	-6
1996.63	52.26	---	68.20	15.94	500.00	200.0	V	146.00	-5
2501.50	51.45	---	68.20	16.75	500.00	100.0	V	52.00	-4
2750.00	---	39.40	54.00	14.60	500.00	100.0	V	132.00	-4
3232.13	51.31	---	68.20	16.89	500.00	200.0	H	16.00	-3
3954.88	---	41.25	54.00	12.75	500.00	100.0	H	358.00	-1
4453.63	53.38	---	68.20	14.82	500.00	100.0	H	350.00	1
4821.13	---	42.87	54.00	11.13	500.00	200.0	H	82.00	2
8000.00	60.00	---	68.20	8.20	500.00	100.0	H	330.00	9

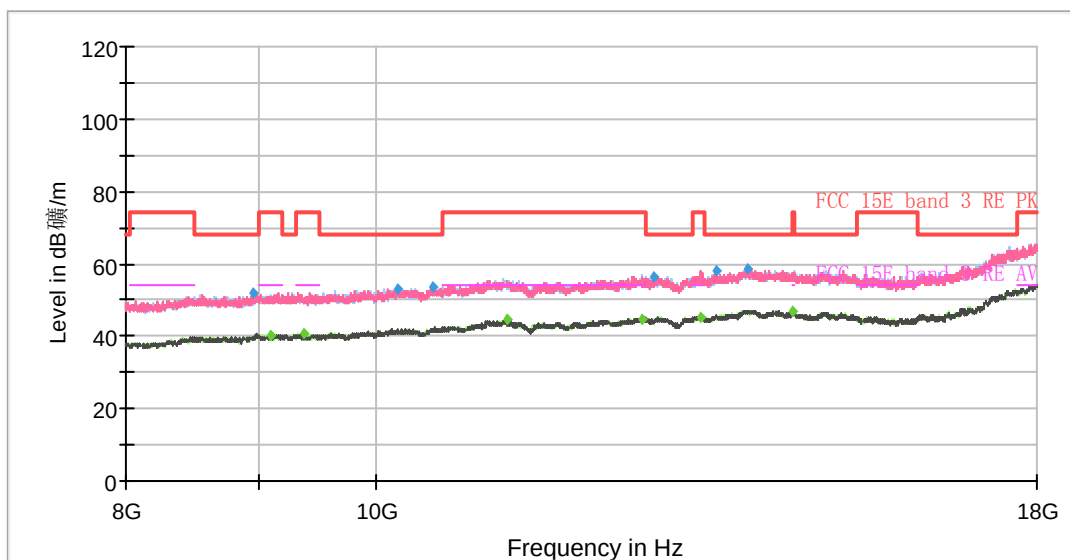
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11ac (VHT20) CH149



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



Radiates Emission from 8GHz to 18GHz

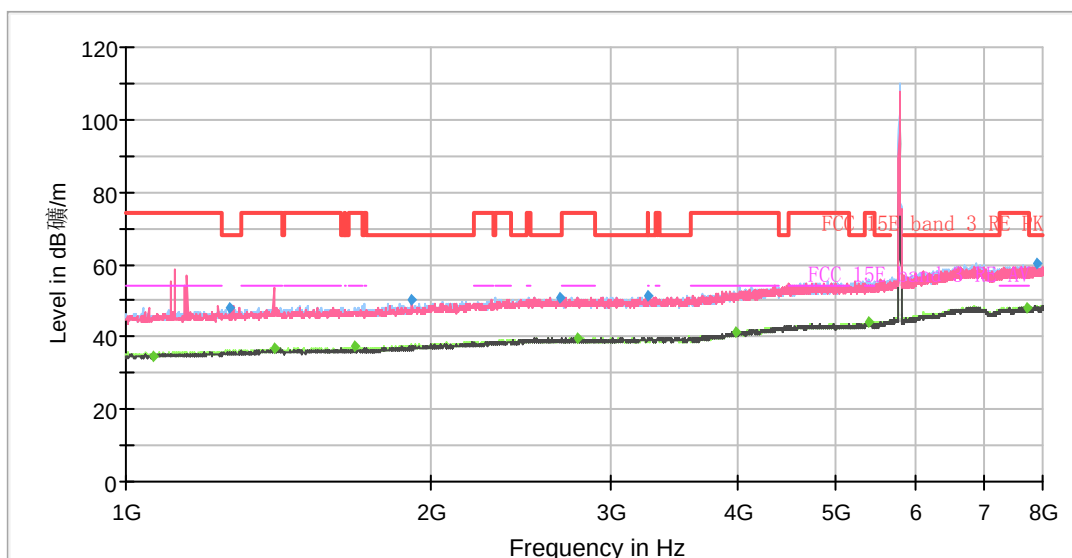


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1063.88	---	35.15	54.00	18.85	500.00	200.0	H	257.00	-9
1283.50	48.25	---	68.20	19.95	500.00	100.0	H	0.00	-8
1408.63	---	36.81	54.00	17.19	500.00	100.0	V	200.00	-7
1459.38	---	36.92	54.00	17.08	500.00	100.0	H	356.00	-7
1789.25	48.55	---	68.20	19.65	500.00	100.0	V	0.00	-6
1989.63	50.84	---	68.20	17.36	500.00	200.0	V	203.00	-5
2605.63	51.26	---	68.20	16.94	500.00	200.0	H	162.00	-4
2736.88	---	39.40	54.00	14.60	500.00	100.0	H	180.00	-4
3383.50	51.38	---	68.20	16.82	500.00	100.0	H	358.00	-3
3960.13	---	41.21	54.00	12.79	500.00	100.0	H	52.00	-1
4476.38	53.17	---	68.20	15.03	500.00	200.0	H	107.00	1
5400.38	---	44.27	54.00	9.73	500.00	200.0	H	54.00	4

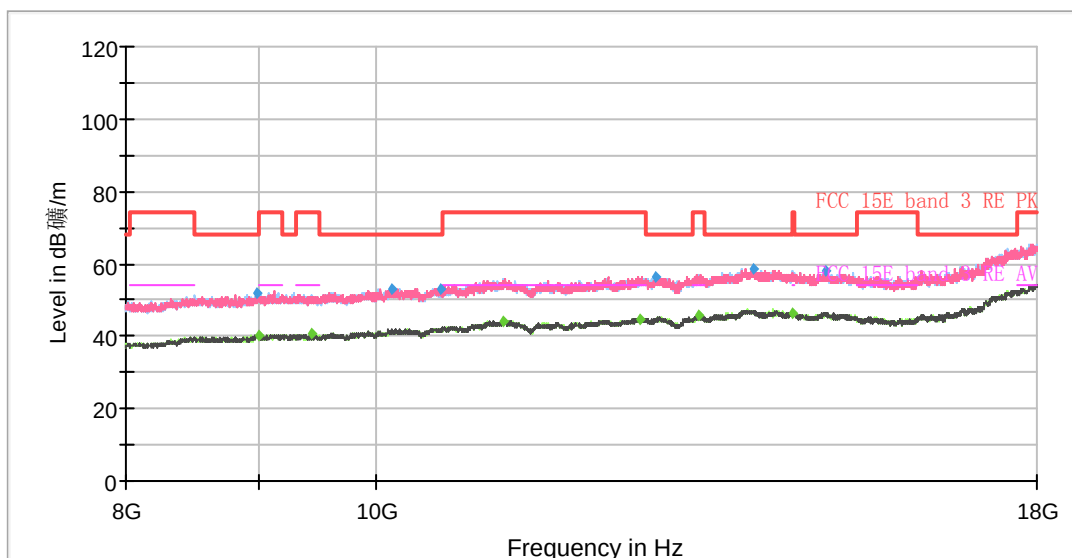
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11ac (VHT20) CH157



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



Radiates Emission from 8GHz to 18GHz

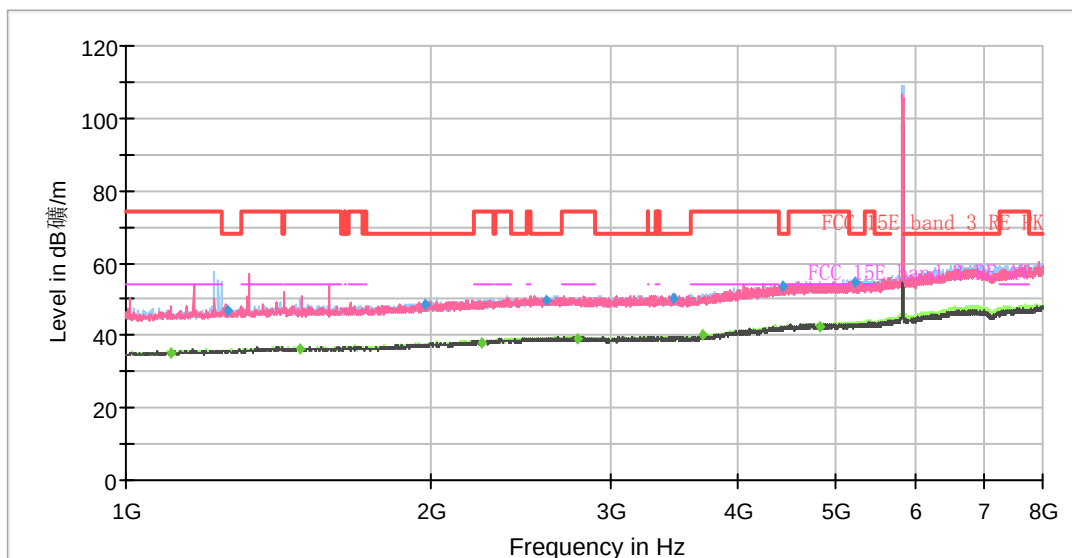


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1063.88	---	34.82	54.00	19.18	500.00	200.0	H	11.00	-9
1264.25	47.74	---	68.20	20.46	500.00	200.0	H	244.00	-8
1400.75	---	36.84	54.00	17.16	500.00	200.0	H	218.00	-7
1682.50	---	37.19	54.00	16.81	500.00	200.0	H	313.00	-6
1914.38	50.50	---	68.20	17.70	500.00	100.0	V	280.00	-5
2670.38	51.05	---	68.20	17.15	500.00	200.0	H	28.00	-4
2788.50	---	39.63	54.00	14.37	500.00	200.0	H	5.00	-3
3272.38	51.17	---	68.20	17.03	500.00	200.0	H	75.00	-3
3989.88	---	41.23	54.00	12.77	500.00	100.0	H	140.00	-1
5397.75	---	44.28	54.00	9.72	500.00	100.0	H	319.00	4
7706.00	---	48.17	54.00	5.83	500.00	100.0	V	3.00	9
7879.25	60.47	---	68.20	7.73	500.00	200.0	H	42.00	9

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

2. Margin = Limit - MAX Peak/ Average

802.11ac (VHT20) CH165



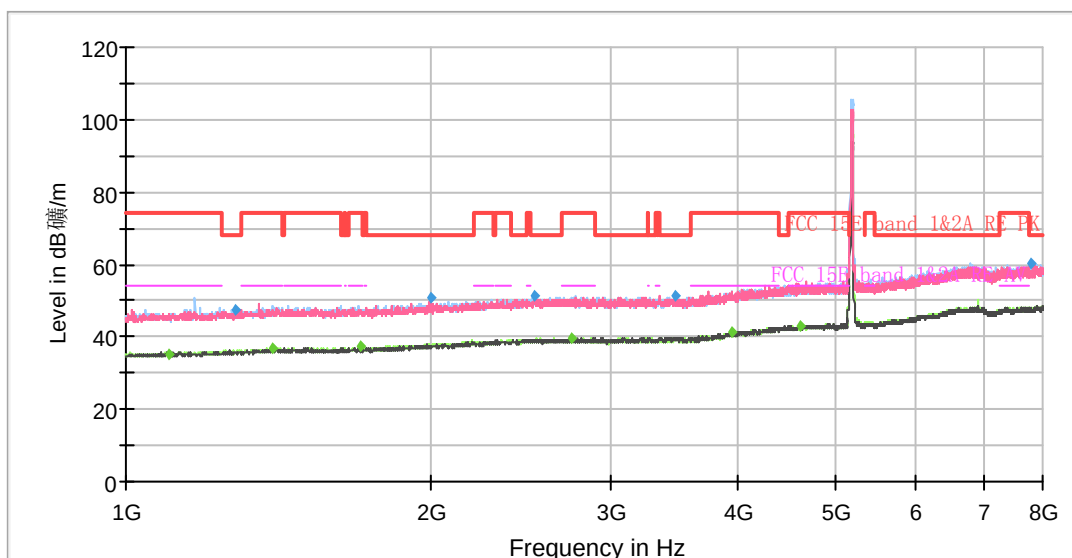
Radiates Emission from 1GHz to 8GHz
Note: The signal beyond the limit is carrier.

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1106.75	---	35.38	54.00	18.62	500.00	100.0	H	331.00	-9
1259.00	47.11	---	68.20	21.09	500.00	100.0	H	352.00	-8
1483.00	---	36.37	54.00	17.63	500.00	200.0	H	61.00	-7
1967.75	48.43	---	68.20	19.77	500.00	100.0	H	300.00	-5
2239.00	---	38.16	54.00	15.84	500.00	100.0	V	9.00	-5
2591.63	49.65	---	68.20	18.55	500.00	200.0	V	211.00	-4
2788.50	---	39.26	54.00	14.74	500.00	200.0	V	318.00	-3
3454.38	50.36	---	68.20	17.84	500.00	100.0	V	188.00	-3
3698.50	---	39.91	54.00	14.09	500.00	200.0	H	0.00	-2
4441.38	53.63	---	68.20	14.57	500.00	200.0	H	2.00	1
4821.13	---	42.55	54.00	11.45	500.00	100.0	H	354.00	2
5224.50	54.42	---	68.20	13.78	500.00	100.0	H	358.00	3

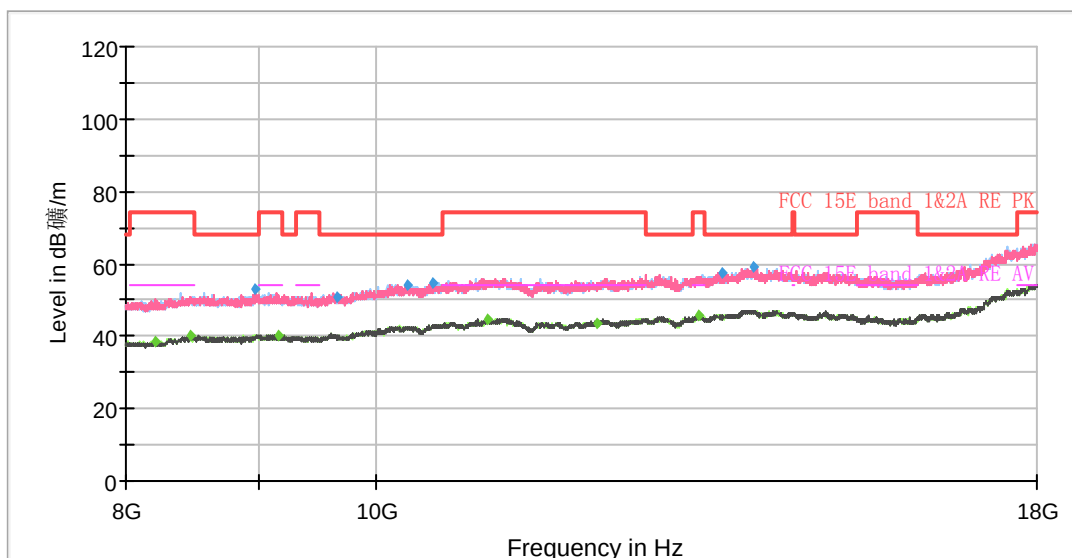
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT40) CH38



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



Radiates Emission from 8GHz to 18GHz

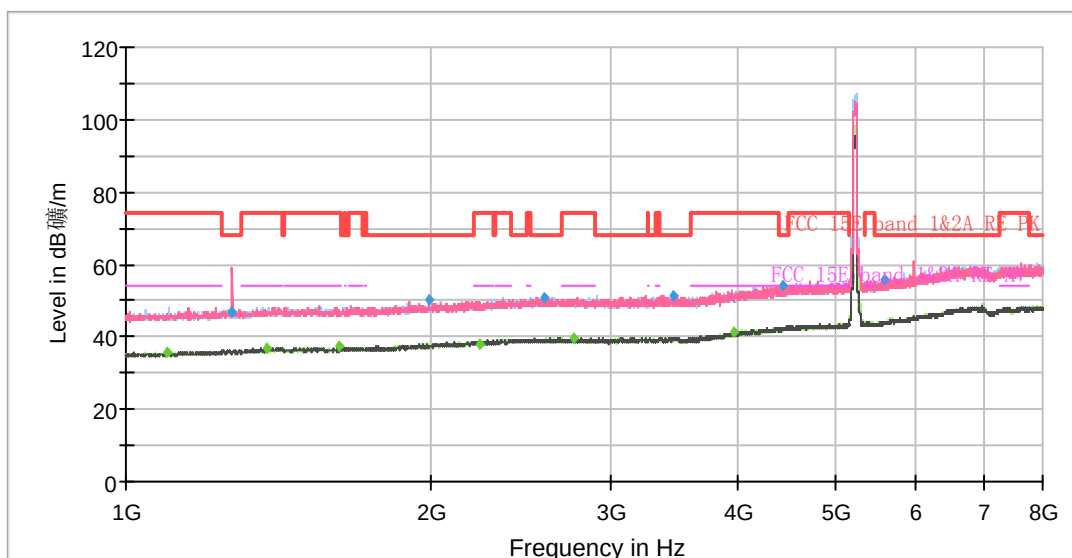


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1100.63	---	35.30	54.00	18.70	500.00	200.0	H	118.00	-9
1281.75	47.48	---	68.20	20.72	500.00	100.0	H	115.00	-8
1392.88	---	36.86	54.00	17.14	500.00	200.0	H	18.00	-7
1704.38	---	37.14	54.00	16.86	500.00	200.0	H	131.00	-6
1999.25	50.54	---	68.20	17.66	500.00	100.0	V	45.00	-5
2523.38	51.51	---	68.20	16.69	500.00	200.0	H	90.00	-4
2744.75	---	39.54	54.00	14.46	500.00	200.0	V	308.00	-4
3471.88	51.40	---	68.20	16.80	500.00	200.0	V	228.00	-3
3958.38	---	41.29	54.00	12.71	500.00	200.0	H	191.00	-1
4608.50	---	42.92	54.00	11.08	500.00	200.0	H	298.00	1
7798.75	60.33	---	68.20	7.87	500.00	200.0	H	38.00	9

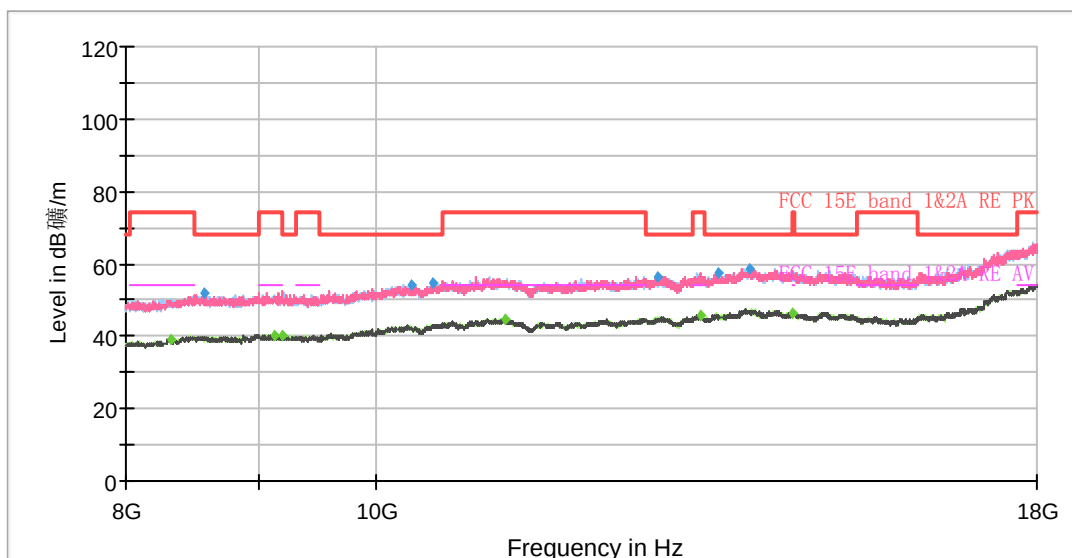
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11ac (VHT40) CH46



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



Radiates Emission from 8GHz to 18GHz

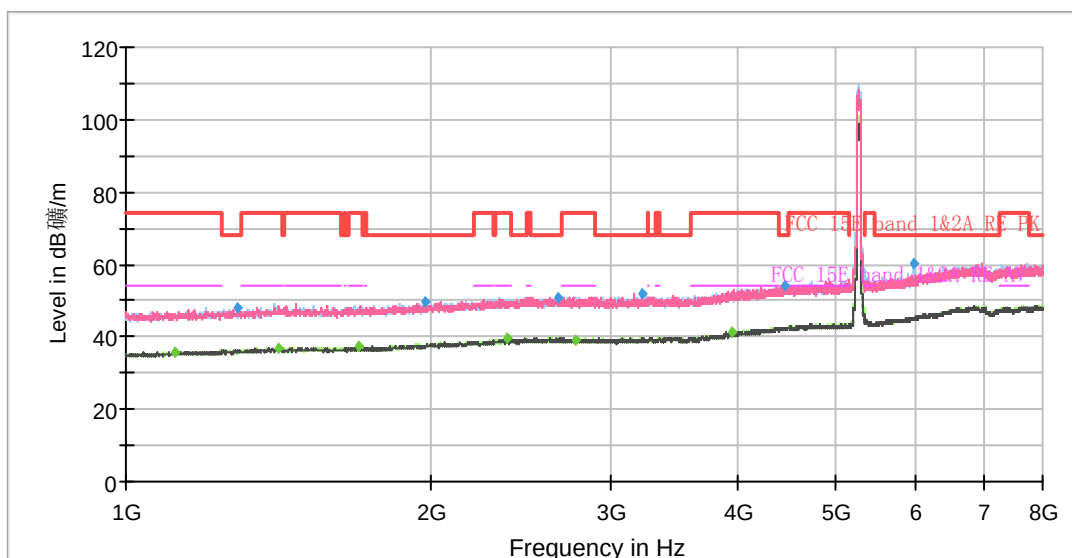


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1098.88	---	35.50	54.00	18.50	500.00	200.0	H	152.00	-9
1272.13	46.69	---	68.20	21.51	500.00	100.0	V	111.00	-8
1378.88	---	37.01	54.00	16.99	500.00	200.0	V	357.00	-7
1624.75	---	37.12	54.00	16.88	500.00	200.0	V	355.00	-6
1990.50	50.11	---	68.20	18.09	500.00	100.0	V	117.00	-5
2234.63	---	38.06	54.00	15.94	500.00	100.0	H	304.00	-5
2588.13	50.95	---	68.20	17.25	500.00	100.0	H	356.00	-4
2757.00	---	39.56	54.00	14.44	500.00	100.0	H	162.00	-4
3463.13	51.41	---	68.20	16.79	500.00	100.0	H	338.00	-3
3970.63	---	41.19	54.00	12.81	500.00	100.0	V	32.00	-1
4436.13	53.90	---	68.20	14.30	500.00	100.0	V	52.00	1
5575.38	56.03	---	68.20	12.17	500.00	200.0	H	159.00	4

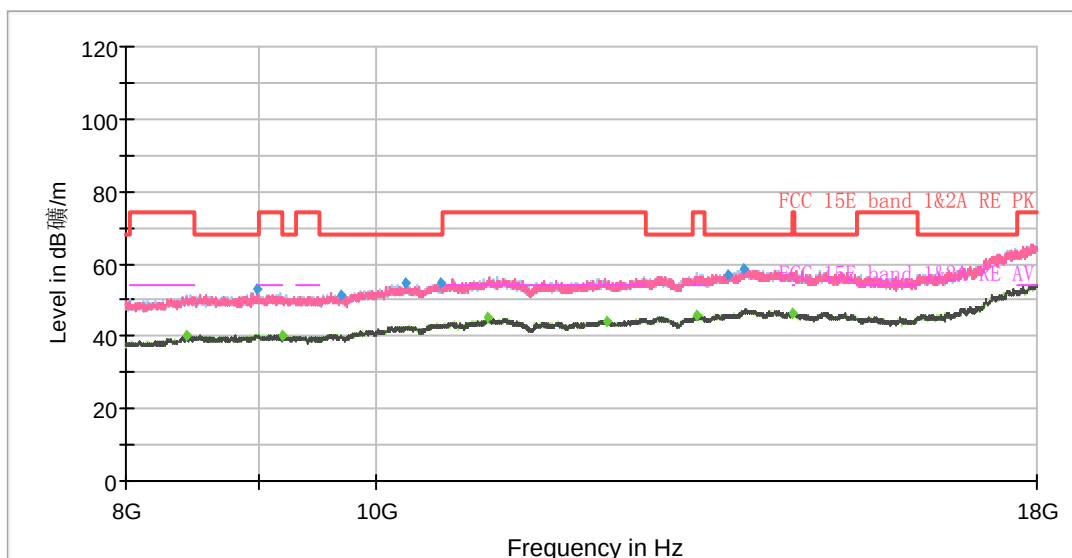
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11ac (VHT40) CH54



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



Radiates Emission from 8GHz to 18GHz

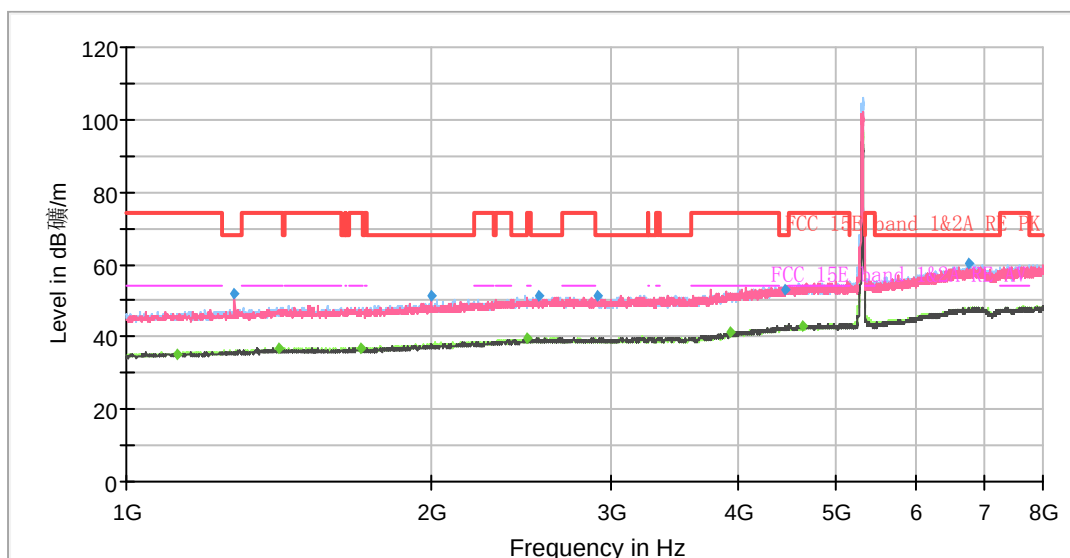


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1115.50	---	35.52	54.00	18.48	500.00	200.0	H	55.00	-9
1287.88	48.24	---	68.20	19.96	500.00	200.0	V	191.00	-8
1413.00	---	36.95	54.00	17.05	500.00	200.0	H	1.00	-7
1691.25	---	37.18	54.00	16.82	500.00	100.0	H	88.00	-6
1967.75	49.76	---	68.20	18.44	500.00	200.0	V	211.00	-5
2379.00	---	39.49	54.00	14.51	500.00	100.0	H	161.00	-4
2663.38	51.03	---	68.20	17.17	500.00	100.0	V	266.00	-4
2776.25	---	38.80	54.00	15.20	500.00	100.0	H	292.00	-3
3219.00	52.15	---	68.20	16.05	500.00	100.0	V	6.00	-3
3944.38	---	41.18	54.00	12.82	500.00	200.0	H	251.00	-1
4454.50	54.01	---	68.20	14.19	500.00	200.0	V	270.00	1
5973.50	60.53	---	68.20	7.67	500.00	100.0	H	235.00	5

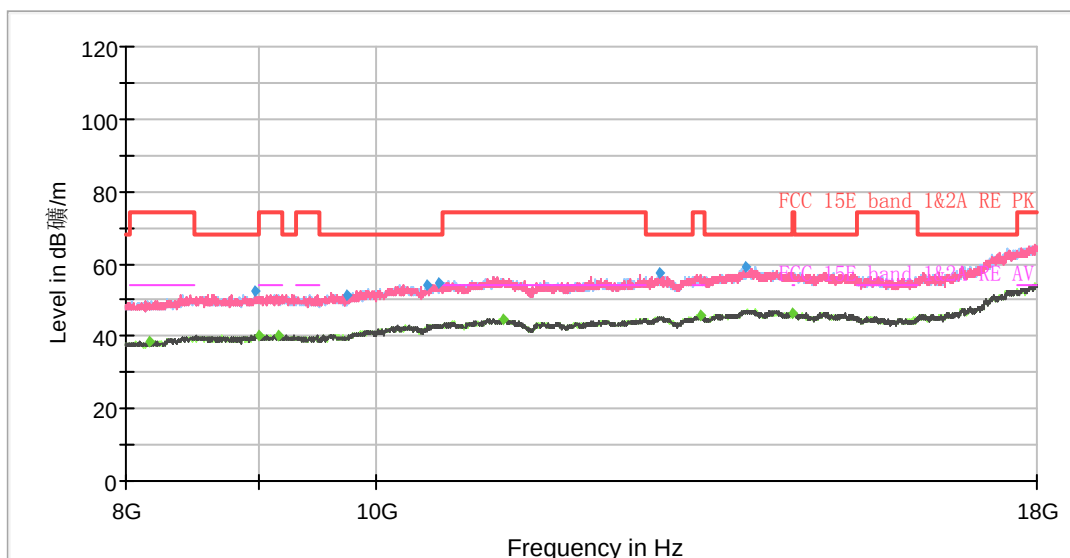
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11ac (VHT40) CH62



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



Radiates Emission from 8GHz to 18GHz

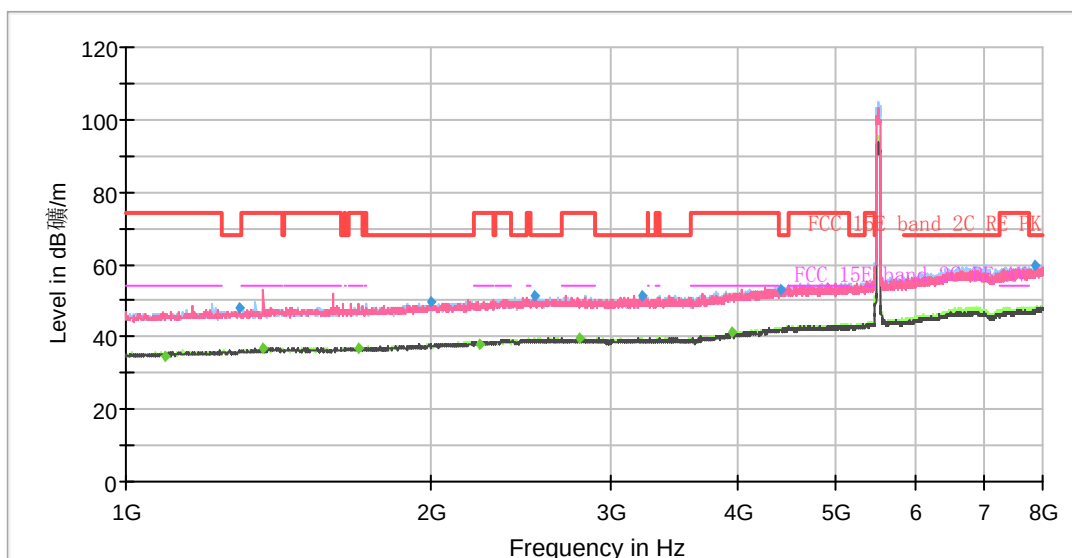


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1124.25	---	35.02	54.00	18.98	500.00	200.0	H	236.00	-9
1278.25	51.85	---	68.20	16.35	500.00	100.0	V	44.00	-8
1413.88	---	36.76	54.00	17.24	500.00	200.0	H	6.00	-7
1705.25	---	37.05	54.00	16.95	500.00	100.0	H	348.00	-6
1998.38	51.21	---	68.20	16.99	500.00	200.0	V	208.00	-5
2484.88	---	39.59	54.00	14.41	500.00	100.0	H	344.00	-4
2545.25	51.27	---	68.20	16.93	500.00	200.0	H	2.00	-4
2909.25	51.57	---	68.20	16.63	500.00	200.0	H	264.00	-3
3933.00	---	41.23	54.00	12.77	500.00	100.0	V	18.00	-1
4451.00	53.24	---	68.20	14.96	500.00	200.0	H	6.00	1
4638.25	---	42.80	54.00	11.20	500.00	100.0	V	23.00	2
6754.00	60.04	---	68.20	8.16	500.00	100.0	V	2.00	8

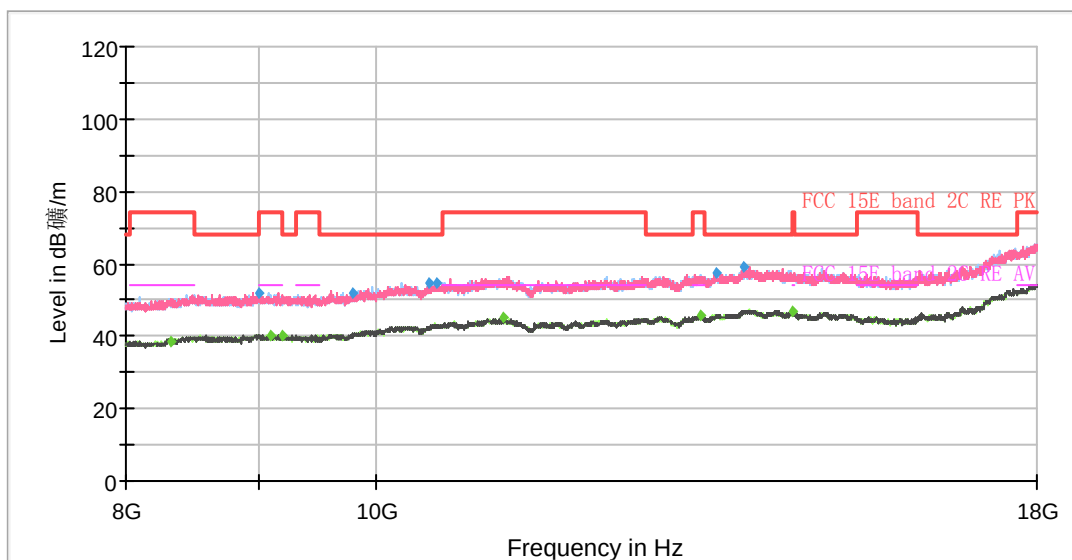
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11ac (VHT40) CH102



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



Radiates Emission from 8GHz to 18GHz

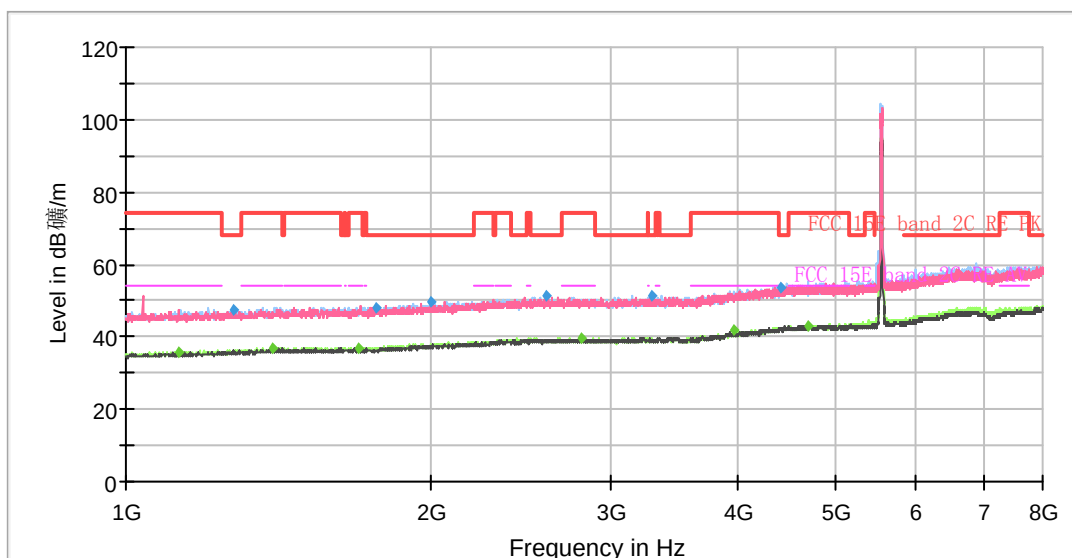


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1094.50	---	34.78	54.00	19.22	500.00	200.0	H	3.00	-9
1293.13	48.03	---	68.20	20.17	500.00	100.0	V	125.00	-8
1366.63	---	36.79	54.00	17.21	500.00	200.0	V	181.00	-7
1698.25	---	37.08	54.00	16.92	500.00	100.0	V	44.00	-6
1996.63	49.56	---	68.20	18.64	500.00	200.0	V	200.00	-5
2229.38	---	38.06	54.00	15.94	500.00	100.0	H	229.00	-5
2527.75	51.16	---	68.20	17.04	500.00	100.0	V	172.00	-4
2802.50	---	39.48	54.00	14.52	500.00	200.0	H	196.00	-3
3221.63	51.53	---	68.20	16.67	500.00	200.0	V	207.00	-3
3944.38	---	41.16	54.00	12.84	500.00	200.0	H	35.00	-1
4420.38	53.08	---	68.20	15.12	500.00	100.0	H	357.00	1
7864.38	59.86	---	68.20	8.34	500.00	200.0	H	68.00	9

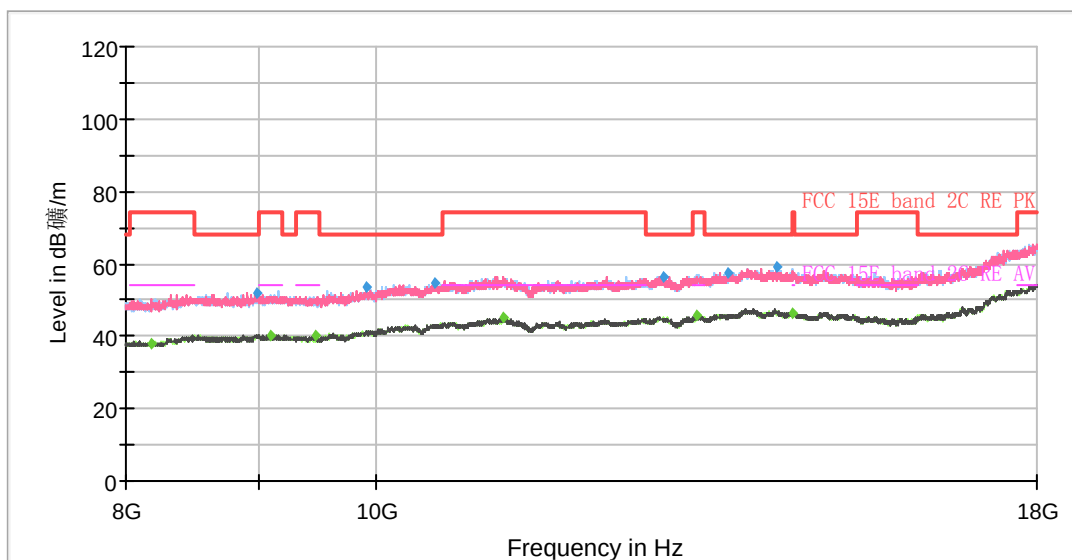
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11ac (VHT40) CH110



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



Radiates Emission from 8GHz to 18GHz

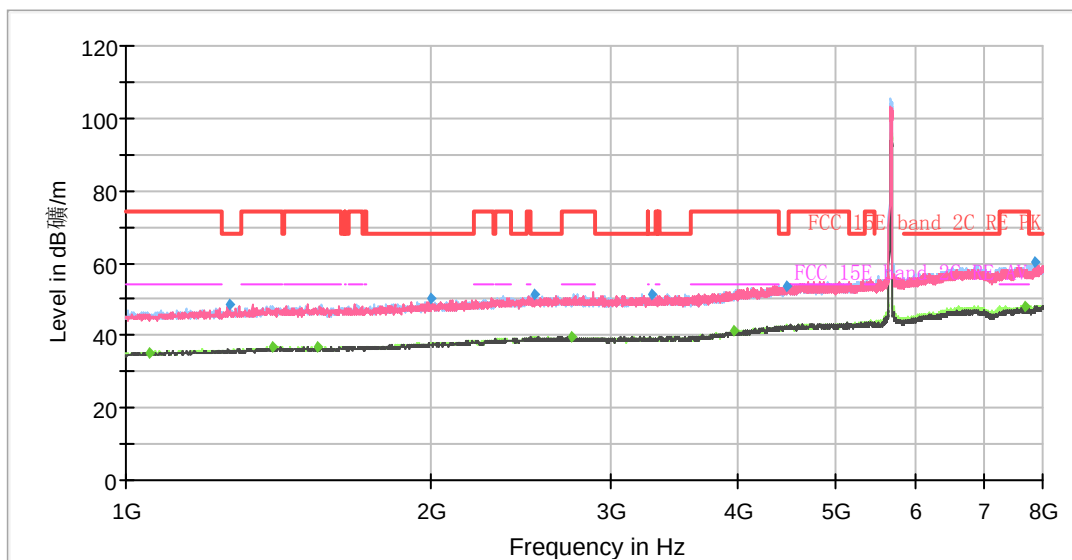


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1127.75	---	35.72	54.00	18.28	500.00	200.0	V	184.00	-9
1276.50	47.19	---	68.20	21.01	500.00	100.0	V	132.00	-8
1397.25	---	36.73	54.00	17.27	500.00	100.0	H	0.00	-7
1696.50	---	37.04	54.00	16.96	500.00	100.0	H	196.00	-6
1764.75	48.19	---	68.20	20.01	500.00	100.0	H	277.00	-6
1994.00	49.81	---	68.20	18.39	500.00	100.0	V	9.00	-5
2591.63	51.27	---	68.20	16.93	500.00	100.0	H	89.00	-4
2812.13	---	39.72	54.00	14.28	500.00	200.0	H	75.00	-3
3289.00	51.26	---	68.20	16.94	500.00	200.0	H	170.00	-3
3963.63	---	41.61	54.00	12.39	500.00	100.0	V	327.00	-1
4423.88	53.42	---	68.20	14.78	500.00	200.0	H	210.00	1
4704.75	---	43.10	54.00	10.90	500.00	200.0	H	1.00	2

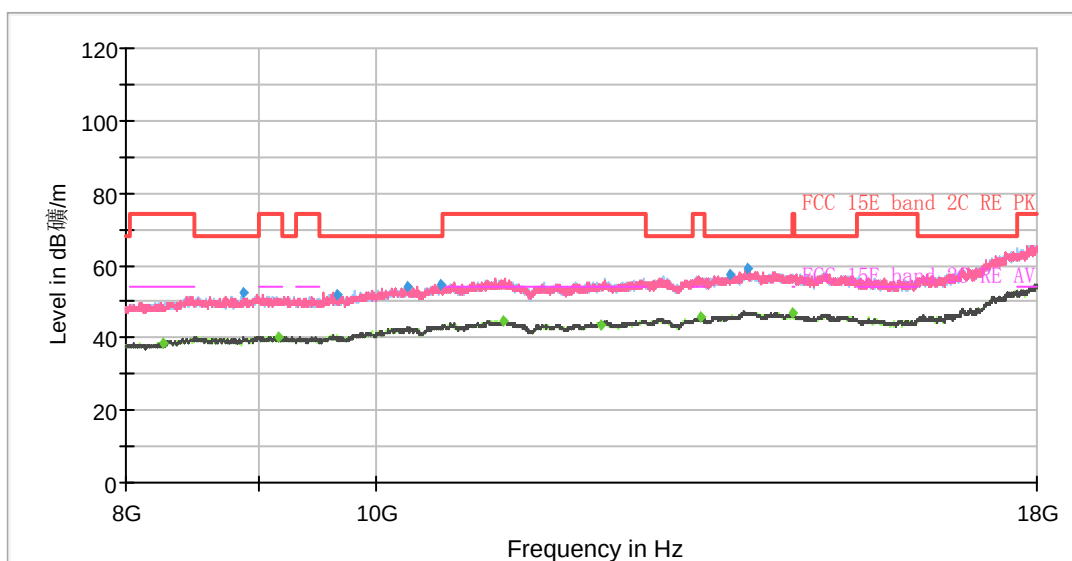
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11ac (VHT40) CH134



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



Radiates Emission from 8GHz to 18GHz

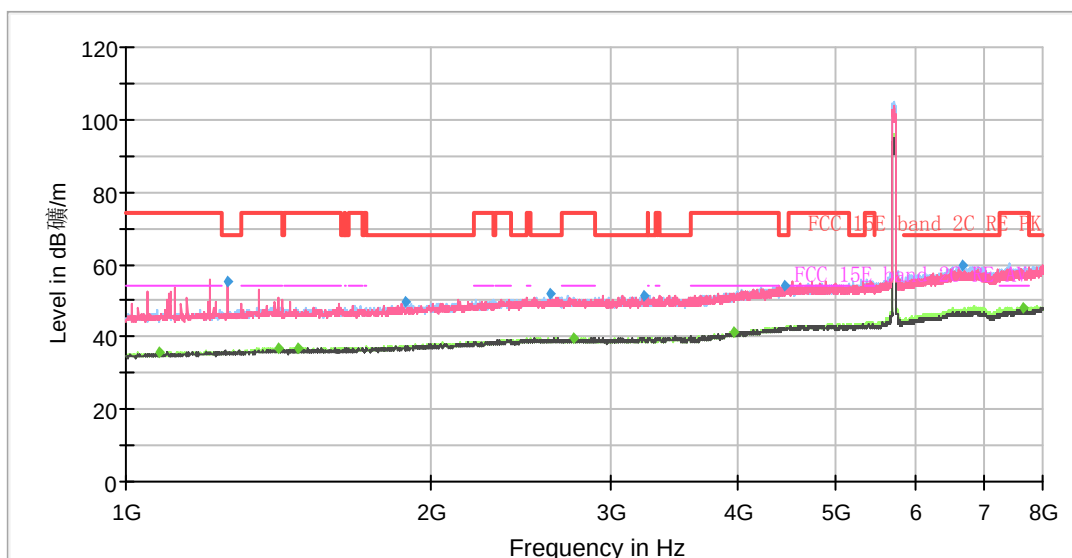


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1053.38	---	35.07	54.00	18.93	500.00	200.0	V	131.00	-9
1264.25	48.58	---	68.20	19.62	500.00	200.0	V	105.00	-8
1396.38	---	36.86	54.00	17.14	500.00	200.0	V	345.00	-7
1542.50	---	37.08	54.00	16.92	500.00	200.0	H	6.00	-6
1998.38	50.02	---	68.20	18.18	500.00	100.0	V	17.00	-5
2528.63	51.19	---	68.20	17.01	500.00	200.0	V	232.00	-4
2743.88	---	39.60	54.00	14.40	500.00	200.0	V	278.00	-4
3295.13	51.49	---	68.20	16.71	500.00	100.0	H	357.00	-3
3962.75	---	41.16	54.00	12.84	500.00	100.0	V	4.00	-1
4466.75	53.41	---	68.20	14.79	500.00	200.0	V	0.00	1
7682.38	---	47.99	54.00	6.01	500.00	100.0	H	356.00	9
7874.88	60.08	---	68.20	8.12	500.00	100.0	H	354.00	9

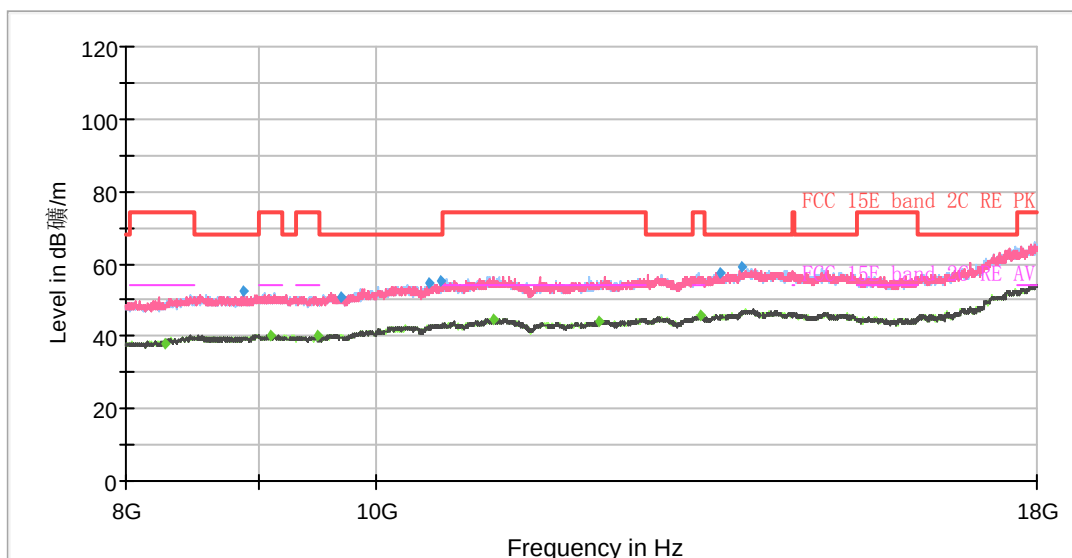
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11ac (VHT40) CH142



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



Radiates Emission from 8GHz to 18GHz

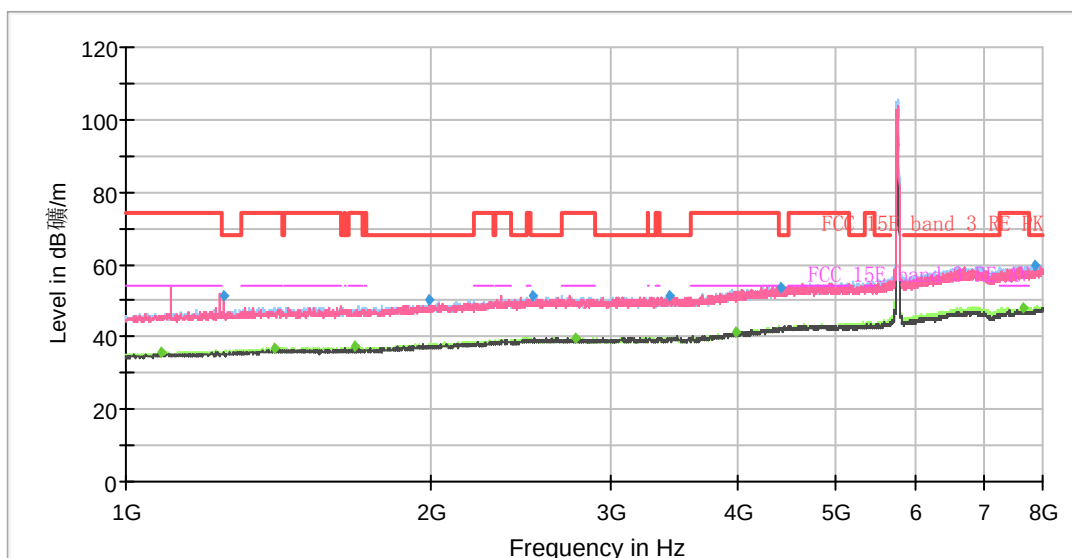


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1078.75	---	35.54	54.00	18.46	500.00	200.0	H	11.00	-9
1258.13	55.05	---	68.20	13.15	500.00	200.0	V	280.00	-8
1411.25	---	36.97	54.00	17.03	500.00	200.0	H	131.00	-7
1476.00	---	36.95	54.00	17.05	500.00	200.0	H	46.00	-7
1889.00	49.72	---	68.20	18.48	500.00	200.0	H	112.00	-6
2615.25	52.06	---	68.20	16.14	500.00	200.0	H	259.00	-4
2761.38	---	39.43	54.00	14.57	500.00	200.0	H	105.00	-4
3232.13	51.45	---	68.20	16.75	500.00	100.0	V	109.00	-3
3972.38	---	41.22	54.00	12.78	500.00	200.0	H	79.00	-1
4458.00	54.23	---	68.20	13.97	500.00	200.0	V	300.00	1
6684.00	59.59	---	68.20	8.61	500.00	200.0	H	86.00	8
7659.63	---	48.06	54.00	5.94	500.00	200.0	H	2.00	9

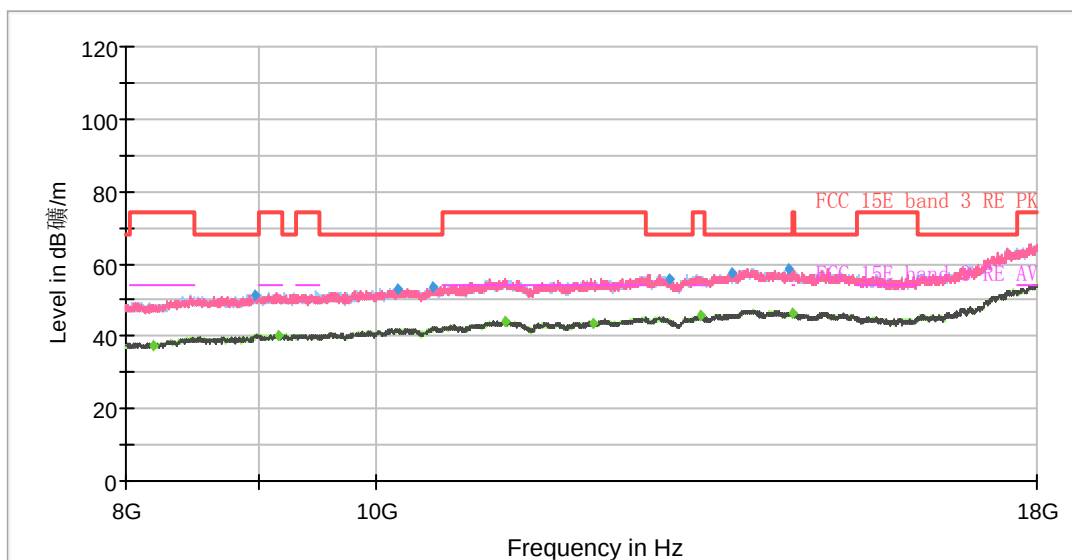
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11ac (VHT40) CH151



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



Radiates Emission from 8GHz to 18GHz

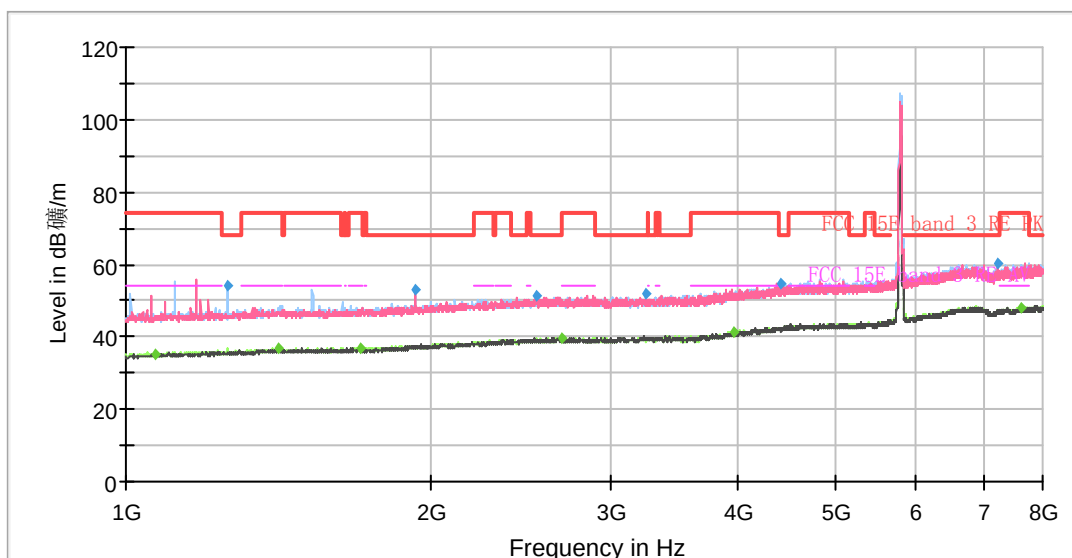


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1082.25	---	35.48	54.00	18.52	500.00	200.0	H	14.00	-9
1248.50	51.49	---	68.20	16.71	500.00	200.0	V	255.00	-8
1398.13	---	36.87	54.00	17.13	500.00	200.0	H	139.00	-7
1678.13	---	37.30	54.00	16.70	500.00	200.0	H	1.00	-6
1991.38	50.01	---	68.20	18.19	500.00	200.0	V	196.00	-5
2512.00	51.16	---	68.20	17.04	500.00	100.0	V	91.00	-4
2771.00	---	39.51	54.00	14.49	500.00	100.0	H	174.00	-4
3433.38	51.28	---	68.20	16.92	500.00	200.0	V	113.00	-3
3989.88	---	41.07	54.00	12.93	500.00	200.0	V	222.00	-1
4422.13	53.52	---	68.20	14.68	500.00	100.0	H	356.00	1
7638.63	---	48.14	54.00	5.86	500.00	100.0	H	355.00	9
7858.25	59.46	---	68.20	8.74	500.00	200.0	H	159.00	9

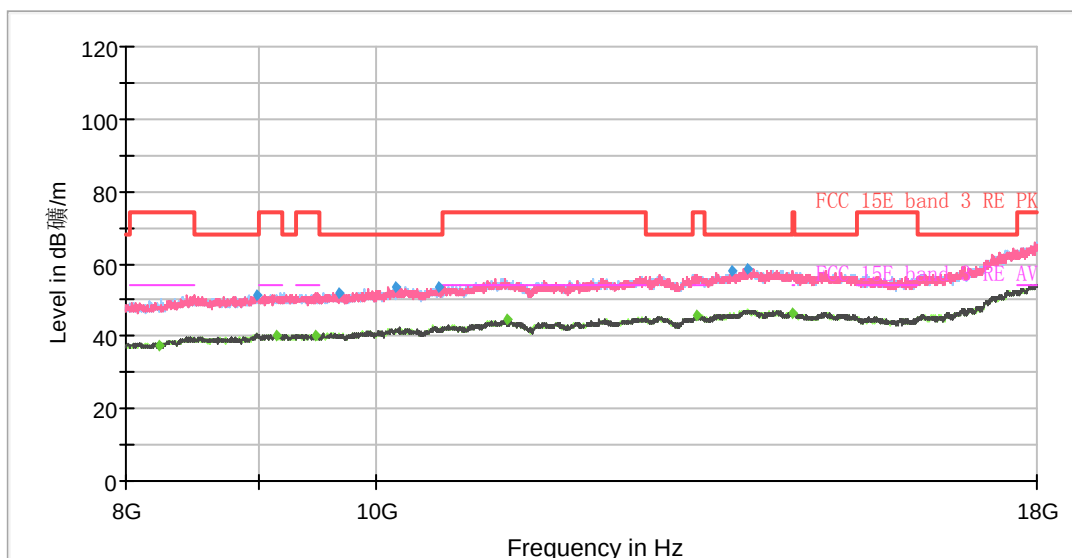
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11ac (VHT40) CH159



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



Radiates Emission from 8GHz to 18GHz

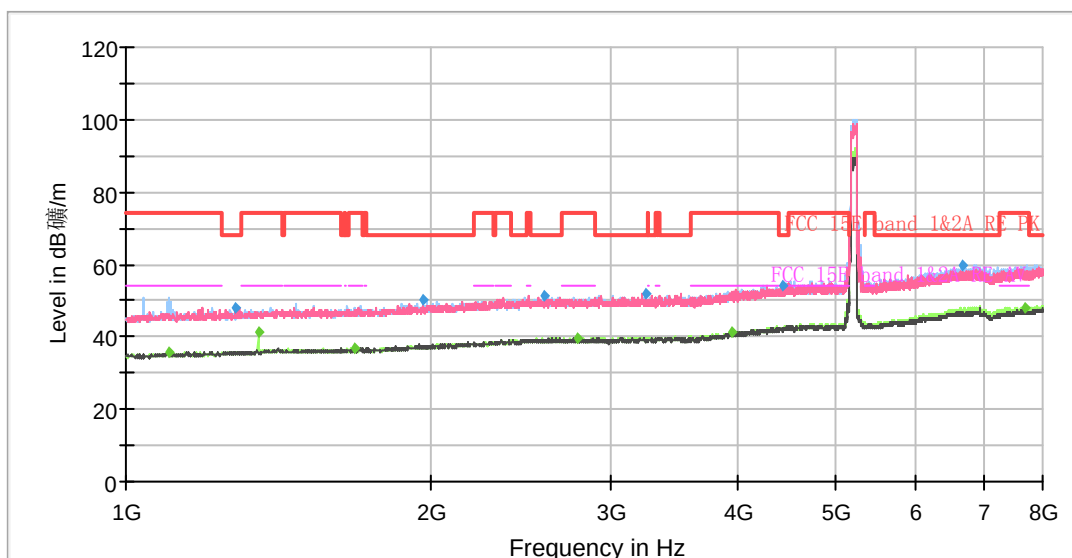


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1070.00	---	34.96	54.00	19.04	500.00	200.0	H	69.00	-9
1259.88	54.23	---	68.20	13.97	500.00	200.0	H	299.00	-8
1413.00	---	36.80	54.00	17.20	500.00	100.0	H	288.00	-7
1702.63	---	36.87	54.00	17.13	500.00	100.0	H	248.00	-6
1927.50	52.80	---	68.20	15.40	500.00	100.0	V	82.00	-5
2540.00	51.60	---	68.20	16.60	500.00	200.0	V	312.00	-4
2693.13	---	39.73	54.00	14.27	500.00	100.0	H	0.00	-4
3256.63	51.75	---	68.20	16.45	500.00	200.0	H	49.00	-3
3965.38	---	41.48	54.00	12.52	500.00	200.0	H	3.00	-1
4407.25	54.60	---	68.20	13.60	500.00	200.0	H	9.00	1
7223.88	60.18	---	68.20	8.02	500.00	100.0	V	8.00	9
7613.25	---	48.11	54.00	5.89	500.00	200.0	H	4.00	9

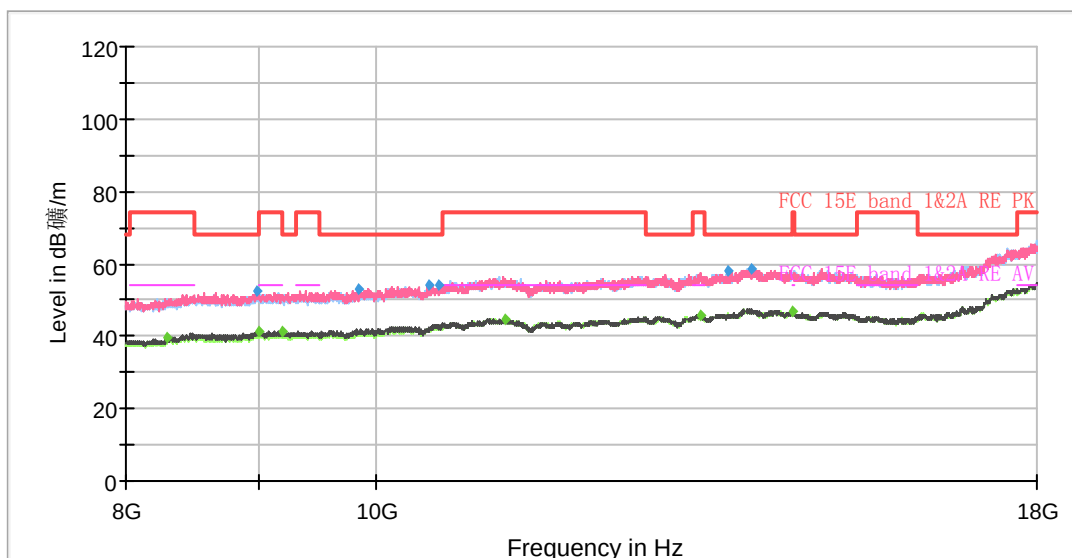
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11ac (VHT80) CH42



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



Radiates Emission from 8GHz to 18GHz

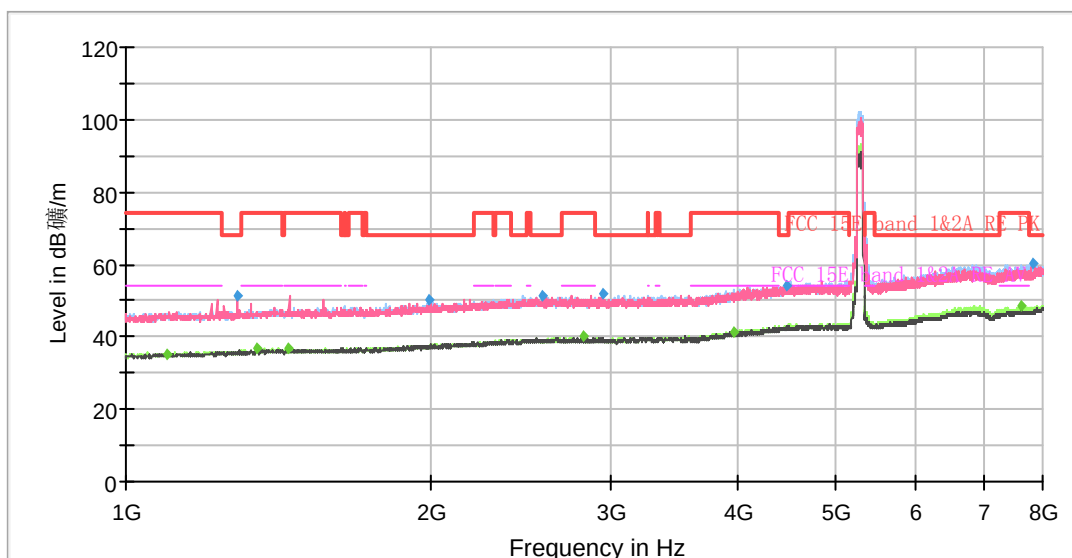


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1101.50	---	35.76	54.00	18.24	500.00	200.0	H	88.00	-9
1281.75	48.09	---	68.20	20.11	500.00	100.0	V	31.00	-8
1350.00	---	41.19	54.00	12.81	500.00	200.0	H	242.00	-7
1683.38	---	36.73	54.00	17.27	500.00	100.0	H	347.00	-6
1959.00	49.99	---	68.20	18.21	500.00	200.0	H	100.00	-5
2579.38	51.52	---	68.20	16.68	500.00	100.0	H	275.00	-4
2780.63	---	39.65	54.00	14.35	500.00	200.0	H	67.00	-3
3257.50	51.98	---	68.20	16.22	500.00	200.0	H	195.00	-3
3950.50	---	41.26	54.00	12.74	500.00	200.0	H	26.00	-1
4433.50	54.20	---	68.20	14.00	500.00	100.0	V	1.00	1
6657.75	59.96	---	68.20	8.24	500.00	200.0	H	242.00	8
7690.25	---	48.16	54.00	5.84	500.00	200.0	H	47.00	9

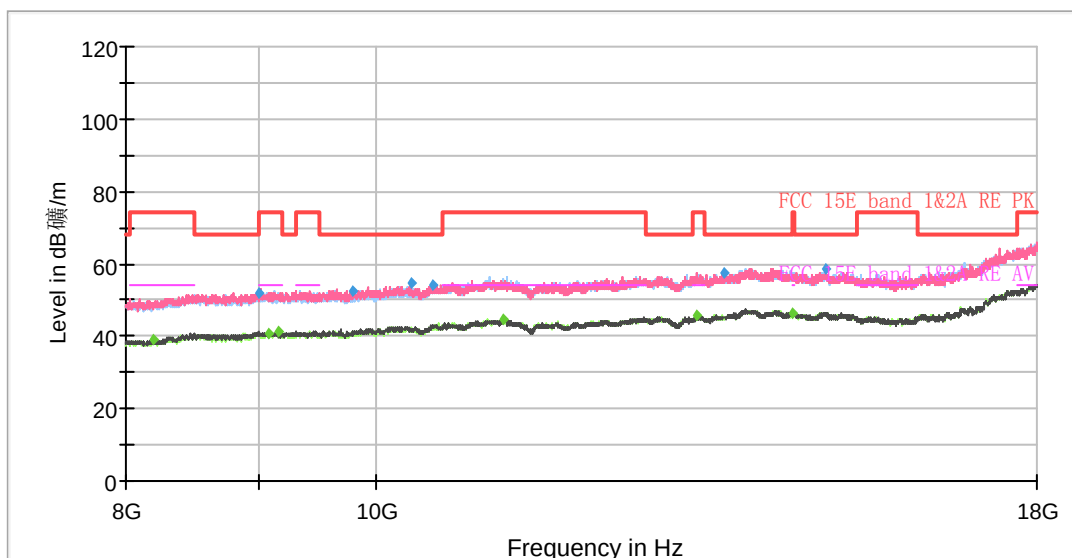
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11ac (VHT80) CH58



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



Radiates Emission from 8GHz to 18GHz

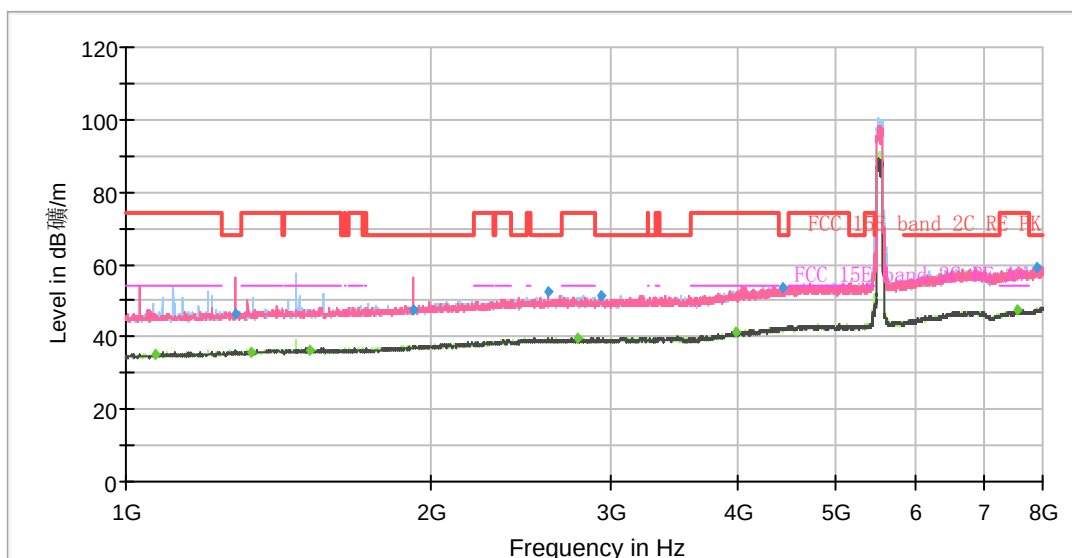


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1095.38	---	35.39	54.00	18.61	500.00	100.0	V	0.00	-9
1287.88	51.17	---	68.20	17.03	500.00	100.0	V	179.00	-8
1347.38	---	36.96	54.00	17.04	500.00	100.0	H	358.00	-7
1443.63	---	36.79	54.00	17.21	500.00	100.0	H	356.00	-7
1990.50	50.18	---	68.20	18.02	500.00	100.0	V	112.00	-5
2567.13	51.50	---	68.20	16.70	500.00	100.0	V	0.00	-4
2817.38	---	40.00	54.00	14.00	500.00	100.0	H	250.00	-3
2950.38	51.90	---	68.20	16.30	500.00	100.0	H	0.00	-3
3975.00	---	41.33	54.00	12.67	500.00	100.0	V	10.00	-1
4478.13	54.08	---	68.20	14.12	500.00	200.0	H	24.00	1
7610.63	---	48.29	54.00	5.71	500.00	200.0	H	24.00	9
7831.13	60.22	---	68.20	7.98	500.00	200.0	H	51.00	9

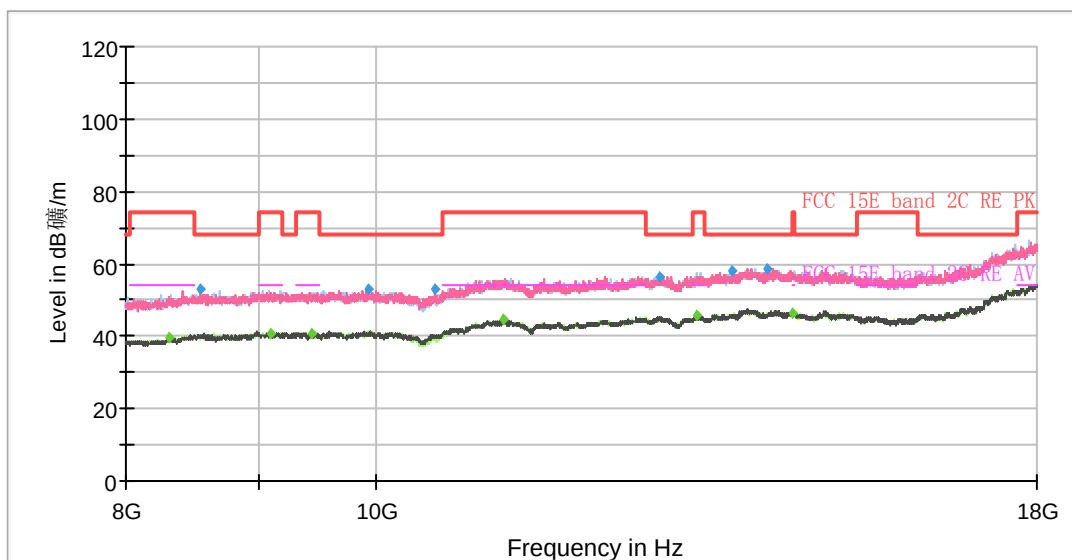
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11ac (VHT80) CH106



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



Radiates Emission from 8GHz to 18GHz



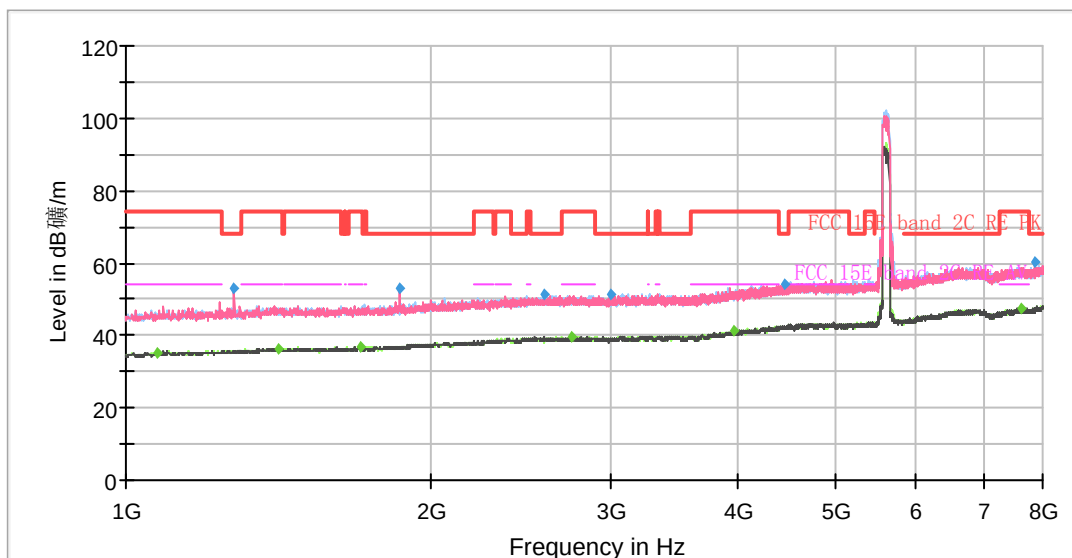
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1069.13	---	35.01	54.00	18.99	500.00	200.0	H	142.00	-9
1279.13	46.13	---	68.20	22.07	500.00	200.0	H	175.00	-8
1327.25	---	35.54	54.00	18.46	500.00	200.0	H	30.00	-7
1518.88	---	36.01	54.00	17.99	500.00	200.0	H	218.00	-6
1921.38	47.63	---	68.20	20.57	500.00	200.0	H	3.00	-5
2601.25	52.39	---	68.20	15.81	500.00	100.0	V	116.00	-4
2787.63	---	39.65	54.00	14.35	500.00	100.0	H	220.00	-3
2932.00	51.60	---	68.20	16.60	500.00	100.0	V	12.00	-3
3989.88	---	41.19	54.00	12.81	500.00	200.0	V	67.00	-1
4445.75	53.45	---	68.20	14.75	500.00	100.0	H	253.00	1
7552.88	---	47.53	54.00	6.47	500.00	100.0	H	79.00	9
7902.00	59.22	---	68.20	8.98	500.00	100.0	V	3.00	9

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

2. Margin = Limit - MAX Peak/ Average



802.11ac (VHT80) CH122

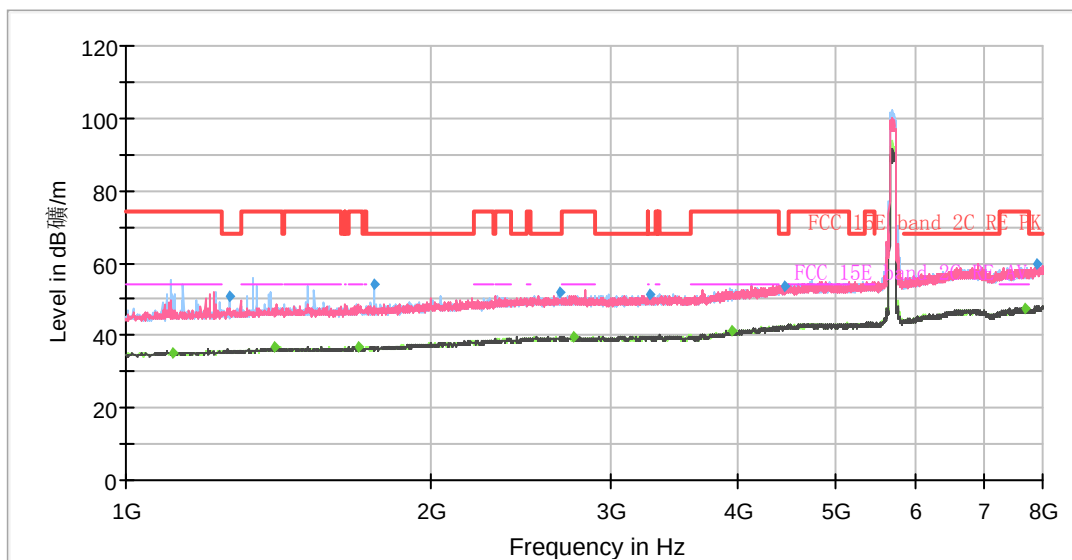


Radiates Emission from 1GHz to 8GHz
Note: The signal beyond the limit is carrier.

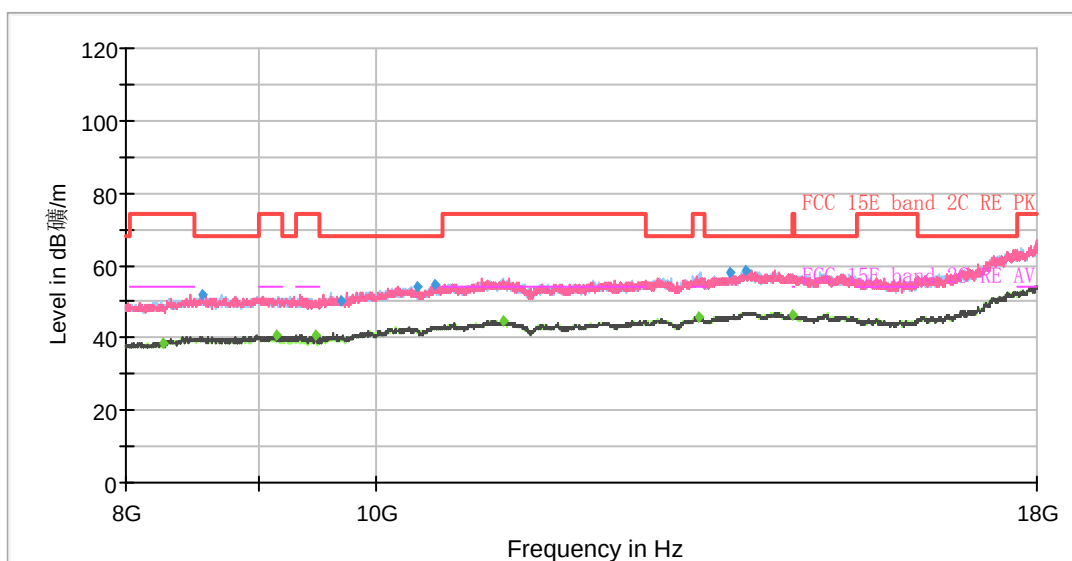
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1075.25	---	34.91	54.00	19.09	500.00	100.0	H	90.00	-9
1278.25	53.12	---	68.20	15.08	500.00	100.0	V	61.00	-8
1413.00	---	36.45	54.00	17.55	500.00	100.0	H	310.00	-7
1706.13	---	36.85	54.00	17.15	500.00	100.0	V	240.00	-6
1861.00	53.17	---	68.20	15.03	500.00	100.0	V	82.00	-6
2587.25	51.24	---	68.20	16.96	500.00	200.0	H	0.00	-4
2745.63	---	39.58	54.00	14.42	500.00	100.0	H	76.00	-4
3004.63	51.47	---	68.20	16.73	500.00	200.0	V	307.00	-3
3974.13	---	41.09	54.00	12.91	500.00	200.0	V	115.00	-1
4462.38	54.17	---	68.20	14.03	500.00	200.0	V	0.00	1
7611.50	---	47.34	54.00	6.66	500.00	100.0	H	76.00	9
7870.50	60.19	---	68.20	8.01	500.00	100.0	V	16.00	9

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)
2. Margin = Limit - MAX Peak/ Average

802.11ac (VHT80) CH138



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



Radiates Emission from 8GHz to 18GHz

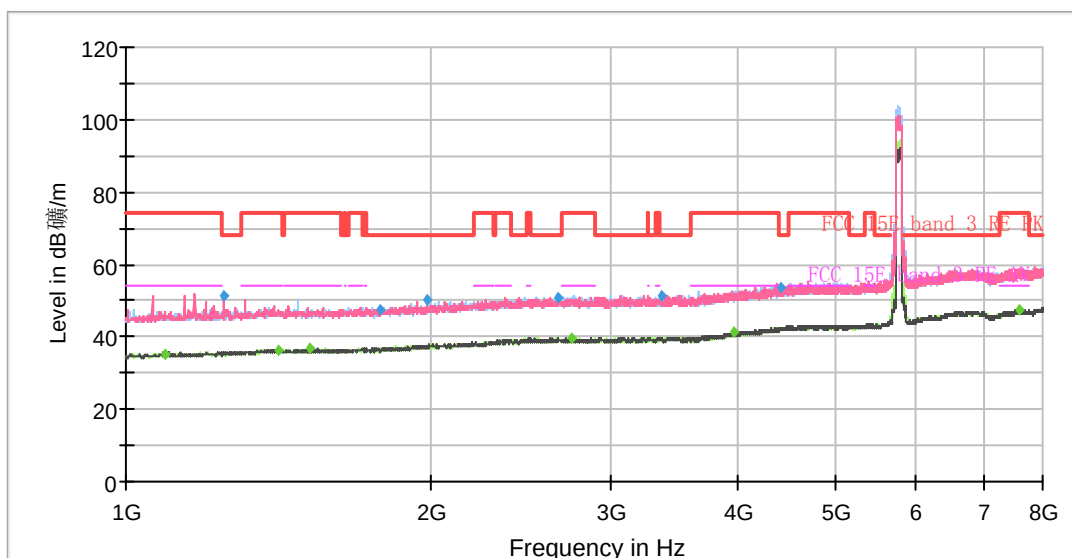


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1112.88	---	35.37	54.00	18.63	500.00	100.0	V	152.00	-9
1265.13	50.92	---	68.20	17.28	500.00	200.0	H	206.00	-8
1398.13	---	36.62	54.00	17.38	500.00	200.0	H	118.00	-7
1696.50	---	37.11	54.00	16.89	500.00	200.0	H	314.00	-6
1757.75	53.99	---	68.20	14.21	500.00	200.0	H	118.00	-6
2674.75	51.68	---	68.20	16.52	500.00	200.0	H	118.00	-4
2755.25	---	39.52	54.00	14.48	500.00	100.0	V	92.00	-4
3276.75	51.31	---	68.20	16.89	500.00	200.0	V	270.00	-3
3960.13	---	41.56	54.00	12.44	500.00	200.0	V	241.00	-1
4451.88	53.56	---	68.20	14.64	500.00	100.0	H	99.00	1
7697.25	---	47.31	54.00	6.69	500.00	100.0	H	0.00	9
7901.13	59.86	---	68.20	8.34	500.00	200.0	H	13.00	9

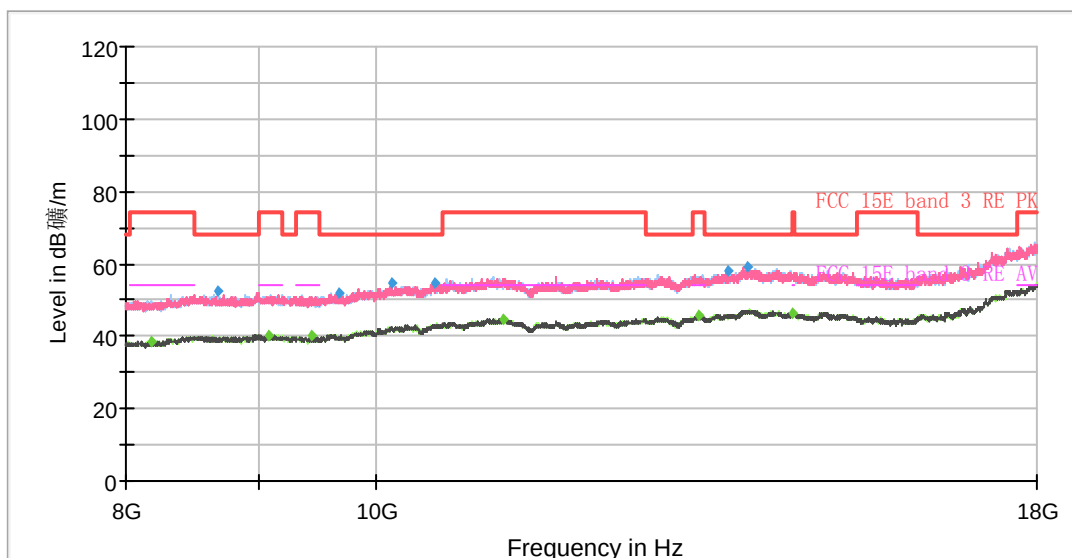
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11ac (VHT80) CH155



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



Radiates Emission from 8GHz to 18GHz



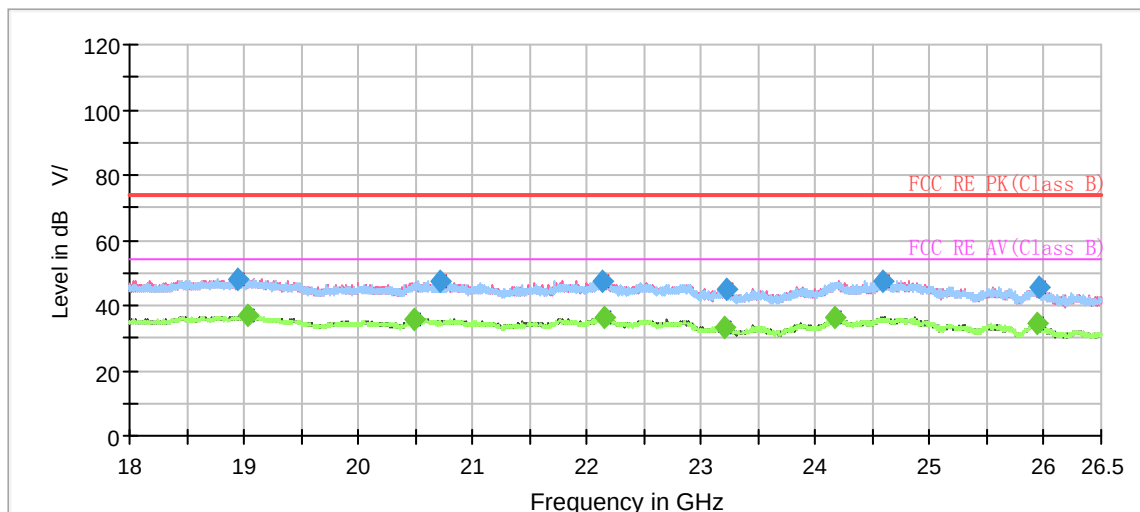
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1091.00	---	35.43	54.00	18.57	500.00	100.0	H	65.00	-9
1246.75	51.36	---	68.20	16.84	500.00	100.0	V	300.00	-8
1410.38	---	36.54	54.00	17.46	500.00	100.0	H	256.00	-7
1518.00	---	36.69	54.00	17.31	500.00	100.0	V	36.00	-6
1777.88	47.46	---	68.20	20.74	500.00	100.0	H	296.00	-6
1979.13	50.16	---	68.20	18.04	500.00	200.0	H	14.00	-5
2659.88	50.90	---	68.20	17.30	500.00	100.0	V	225.00	-4
2747.38	---	39.50	54.00	14.50	500.00	100.0	V	18.00	-4
3373.88	51.61	---	68.20	16.59	500.00	100.0	V	191.00	-3
3978.50	---	41.10	54.00	12.90	500.00	200.0	V	119.00	-1
4424.75	53.50	---	68.20	14.70	500.00	200.0	H	138.00	1
7573.00	---	47.61	54.00	6.39	500.00	200.0	H	14.00	9

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

2. Margin = Limit - MAX Peak/ Average



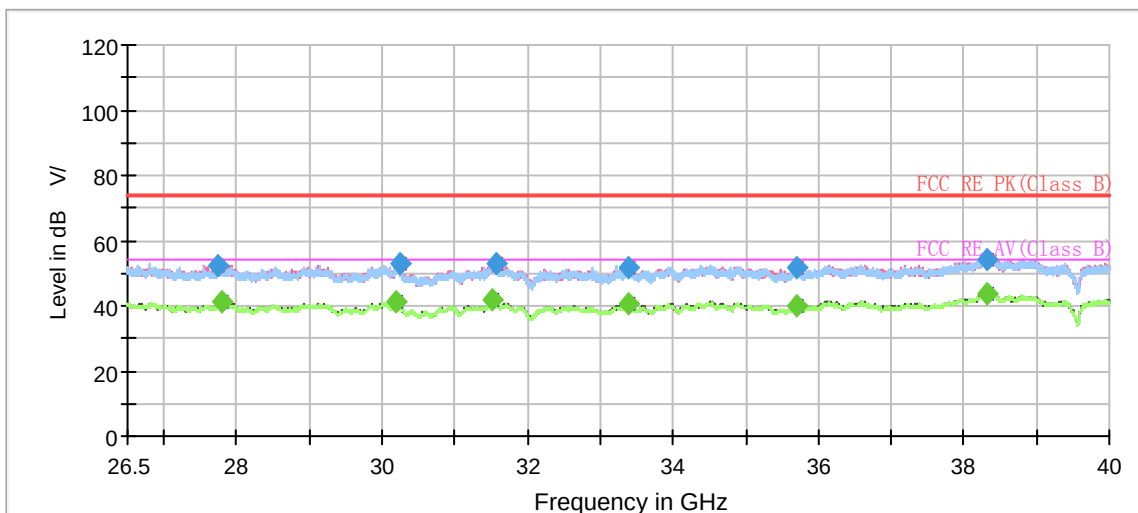
During the test, the Radiates Emission from 18GHz to 40GHz was performed in all modes with all channels, 802.11a, Channel 116 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18938.187500	48.14	---	74.00	25.86	500.0	100.0	H	9.0	-6.6
19042.312500	---	36.67	54.00	17.33	500.0	200.0	V	223.0	-6.4
20490.500000	---	35.78	54.00	18.22	500.0	200.0	V	323.0	-6.2
20710.437500	47.68	---	74.00	26.32	500.0	200.0	V	328.0	-6.2
22129.937500	47.64	---	74.00	26.36	500.0	200.0	H	272.0	-4.5
22149.062500	---	36.59	54.00	17.41	500.0	200.0	H	34.0	-4.5
23204.125000	---	33.46	54.00	20.54	500.0	200.0	H	247.0	-6.1
23225.375000	45.14	---	74.00	28.86	500.0	200.0	H	55.0	-6.2
24172.062500	---	36.26	54.00	17.74	500.0	100.0	V	13.0	-3.4
24592.812500	47.54	---	74.00	26.46	500.0	100.0	V	224.0	-1.7
25935.812500	---	34.30	54.00	19.70	500.0	200.0	H	272.0	-3.0
25949.625000	45.46	---	74.00	28.54	500.0	100.0	H	227.0	-3.1

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)
2. Margin = Limit-MAX Peak/ Average



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
27733.562500	52.04	---	74.00	21.96	500.0	200.0	H	22.0	0.0
27804.437500	---	41.02	54.00	12.98	500.0	200.0	H	227.0	0.3
30200.687500	---	41.09	54.00	12.91	500.0	200.0	V	356.0	-0.6
30239.500000	52.85	---	74.00	21.15	500.0	200.0	H	71.0	-0.8
31516.937500	---	41.68	54.00	12.32	500.0	200.0	V	107.0	-0.2
31564.187500	52.75	---	74.00	21.25	500.0	200.0	V	127.0	-0.2
33376.562500	---	40.82	54.00	13.18	500.0	200.0	V	200.0	0.1
33395.125000	51.83	---	74.00	22.17	500.0	200.0	H	27.0	0.0
35708.687500	---	40.18	54.00	13.82	500.0	200.0	V	296.0	1.5
35710.375000	51.84	---	74.00	22.16	500.0	200.0	H	57.0	1.5
38320.937500	---	43.48	54.00	10.52	500.0	200.0	V	0.0	4.5
38327.687500	54.32	---	74.00	19.68	500.0	100.0	V	25.0	4.5

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

2. Margin = Limit-MAX Peak/ Average

5.6. Conducted Emission

Ambient condition

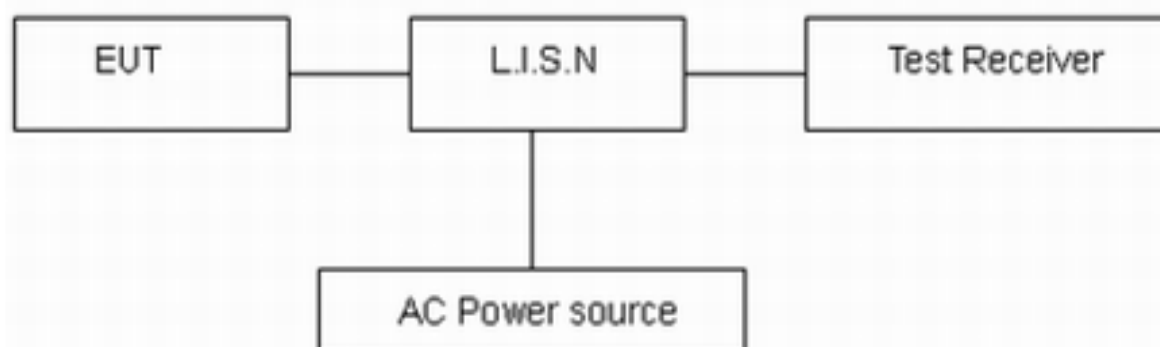
Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

Methods of Measurement

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

The test is in transmitting mode.

Test Setup



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

Limits

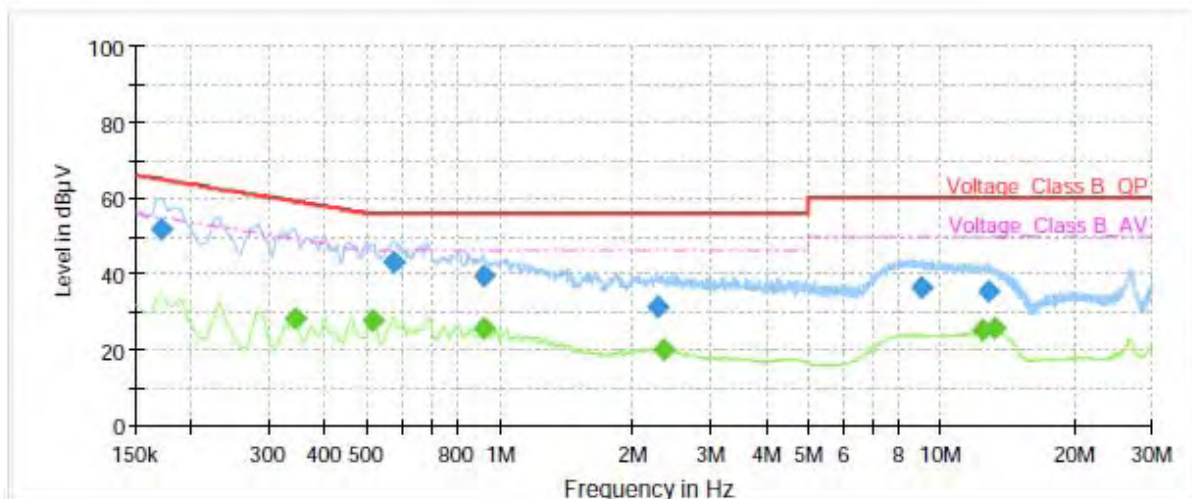
Frequency (MHz)	Conducted Limits(dBμV)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56 *	56 to 46*
0.5 - 5	56	46
5 - 30	60	50
*: Decreases with the logarithm of the frequency.		

Measurement Uncertainty

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

Test Results:

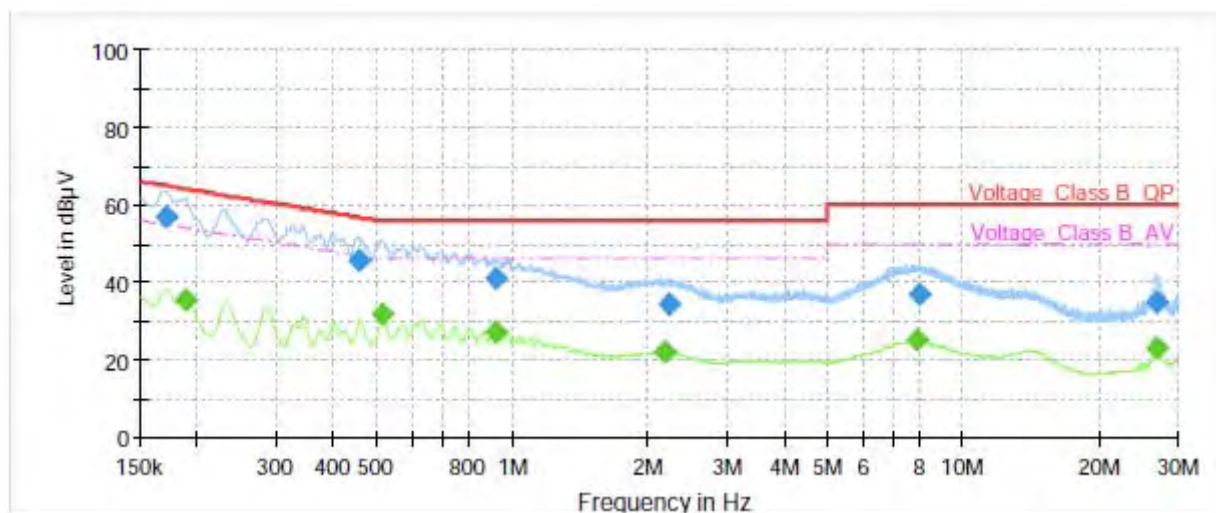
Following plots, Blue trace uses the peak detection and Green trace uses the average detection. During the test, the Conducted Emission was performed in all modes with all channels, 802.11a, Channel 116 are selected as the worst condition. The test data of the worst-case condition was recorded in this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



Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.17	51.68	---	64.95	13.27	1000.0	9.000	L1	ON	20.9
0.35	---	28.28	49.06	20.78	1000.0	9.000	L1	ON	20.8
0.52	---	27.83	46.00	18.17	1000.0	9.000	L1	ON	20.6
0.57	42.82	---	56.00	13.18	1000.0	9.000	L1	ON	20.5
0.92	39.28	---	56.00	16.72	1000.0	9.000	L1	ON	20.0
0.92	---	25.78	46.00	20.22	1000.0	9.000	L1	ON	20.0
2.29	31.06	---	56.00	24.94	1000.0	9.000	L1	ON	19.3
2.34	---	20.14	46.00	25.86	1000.0	9.000	L1	ON	19.3
9.05	36.56	---	60.00	23.44	1000.0	9.000	L1	ON	19.3
12.39	---	25.28	50.00	24.72	1000.0	9.000	L1	ON	19.3
12.84	35.43	---	60.00	24.57	1000.0	9.000	L1	ON	19.4
13.28	---	25.71	50.00	24.29	1000.0	9.000	L1	ON	19.4

Remark: Correct factor=cable loss + LISN factor

L line Conducted Emission from 150 KHz to 30 MHz



Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.17	56.80	---	64.95	8.15	1000.0	9.000	N	ON	20.9
0.19	---	35.42	54.11	18.69	1000.0	9.000	N	ON	21.0
0.46	45.54	---	56.77	11.23	1000.0	9.000	N	ON	20.7
0.52	---	31.81	46.00	14.19	1000.0	9.000	N	ON	20.7
0.92	41.12	---	56.00	14.88	1000.0	9.000	N	ON	20.1
0.92	---	27.23	46.00	18.77	1000.0	9.000	N	ON	20.1
2.17	---	22.07	46.00	23.93	1000.0	9.000	N	ON	19.4
2.23	34.42	---	56.00	21.58	1000.0	9.000	N	ON	19.4
7.94	---	24.98	50.00	25.02	1000.0	9.000	N	ON	19.3
8.04	37.04	---	60.00	22.96	1000.0	9.000	N	ON	19.3
26.98	---	23.04	50.00	26.96	1000.0	9.000	N	ON	20.1
27.04	34.93	---	60.00	25.07	1000.0	9.000	N	ON	20.1

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
Spectrum Analyzer	R&S	FSV40	101186	2022-05-14	2023-05-13
EMI Test Receiver	R&S	ESR	102389	2022-05-25	2023-05-24
Loop Antenna	SCHWARZBECK	FMZB1519	1519-047	2020-04-02	2023-04-01
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9163	1023	2020-05-05	2023-05-04
Horn Antenna	R&S	HF907	102723	2020-08-11	2023-08-10
Horn Antenna	ETS-Lindgren	3160-09	00102643	2021-10-10	2024-10-09
Horn Antenna	STEATITE	QSH-SL-26-40 -K-15	16779	2019-12-24	2024-12-23
Software	R&S	EMC32	9.26.01	/	/
EMI Test Receiver	R&S	ESR	101667	2022-05-25	2023-05-24
LISN	R&S	ENV216	102191	2018-12-15	2021-12-14
				2022-12-13	2024-12-09
Spectrum Analyzer	KEYSIGHT	N9020A	MY51330870	2022-05-14	2023-05-13
Temperature Chamber	ESPEC	SU-242	93000506	2022-12-10	2023-12-09
Power Sensor	R&S	NRP18S	101954	2022-05-14	2023-05-13
DC Power Supply	UNI-T	UTP1306S+	2205D0517232	2022-12-10	2023-12-09
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.