

ANNEX A: Test Result

The radiated emission was measured in the following position: EUT stand-up position (Z axis), lie-down position (X, Y axis). The worst emission was found in lie-down position (X axis) and the loop antenna is coplanar, the others are vertical and horizontal. and the worst case was recorded.

1. Unwanted Emission

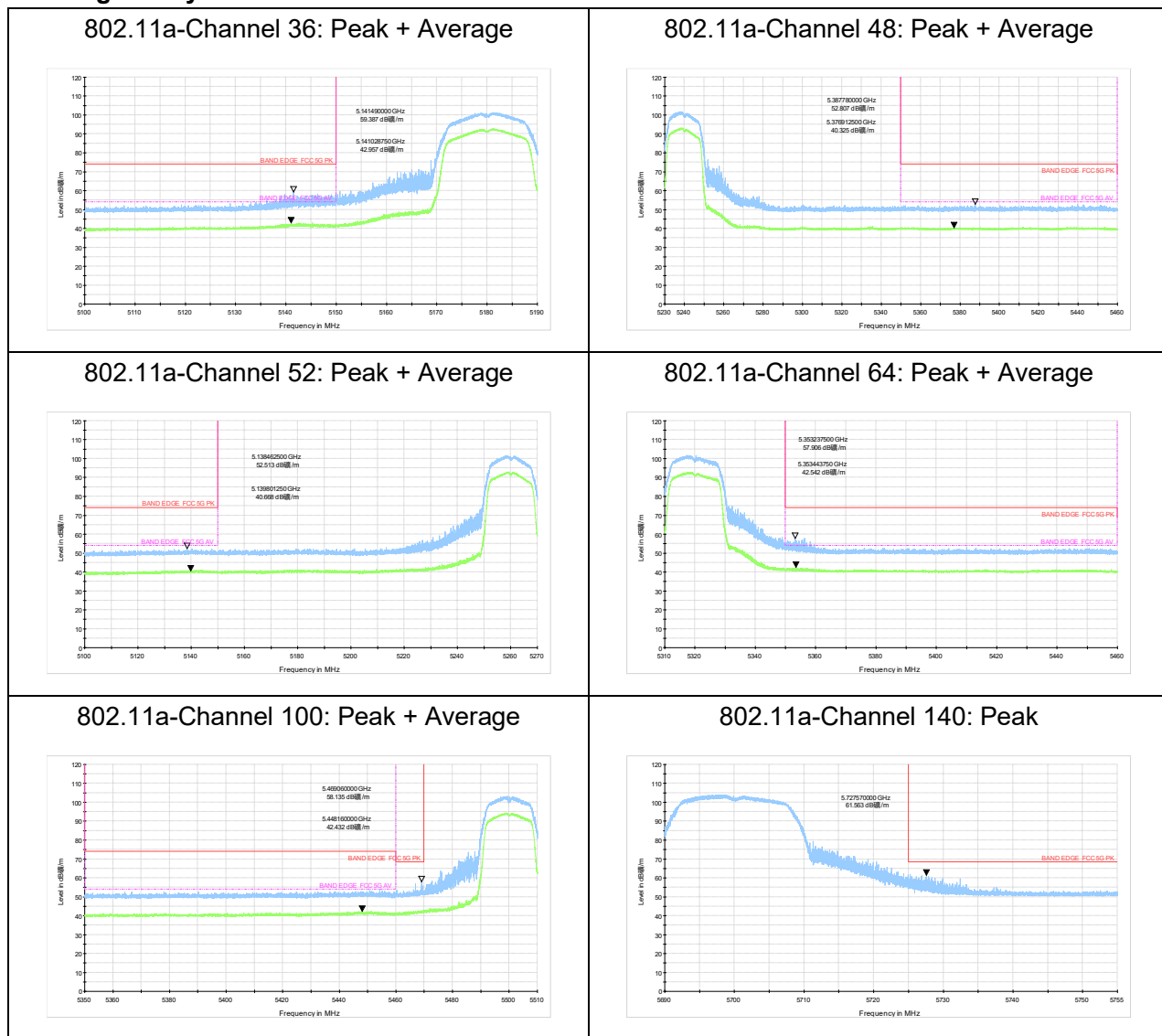
1.1. Wi-Fi 5GHz

The following graphs display the maximum values of horizontal and vertical by software. Blue trace uses the peak detection, Green trace uses the average detection.

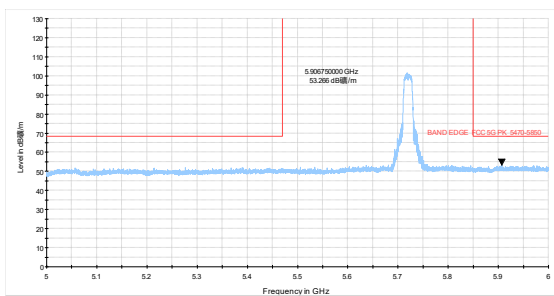
A symbol ($\text{dB}\mu\text{V/m}$) in the test plot below means ($\text{dB}\mu\text{V/m}$)

The modulation and bandwidth are similar for 802.11n mode for 20MHz and 802.11ac mode for 20MHz, therefore investigated worst case to representative mode in test report.

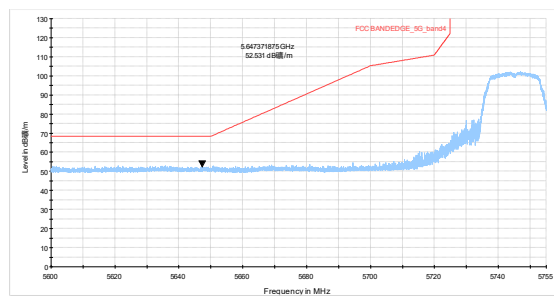
The signal beyond the limit is carrier.



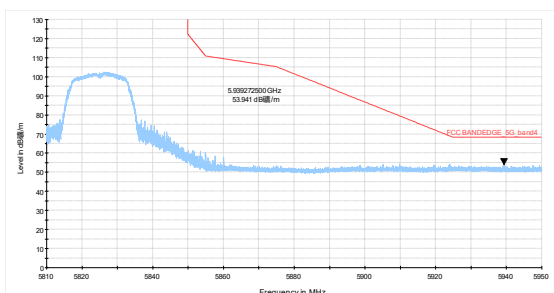
802.11a-Channel 144: Peak



802.11a-Channel 149: Peak

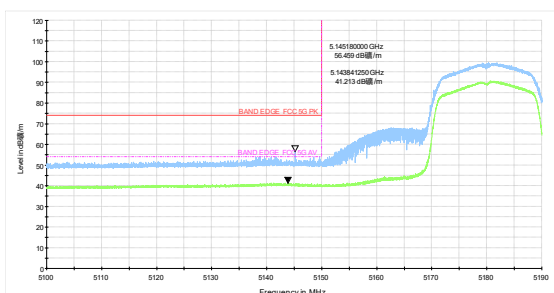


802.11a-Channel 165: Peak

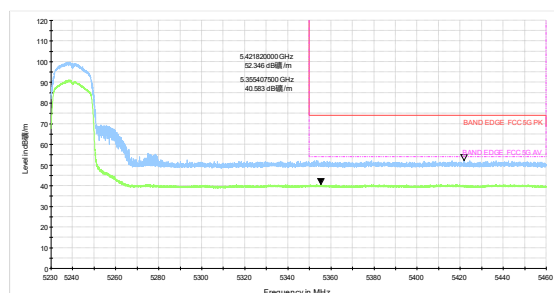


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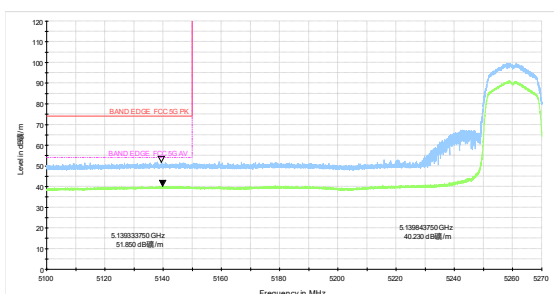
802.11n HT20-Channel 36: Peak + Average



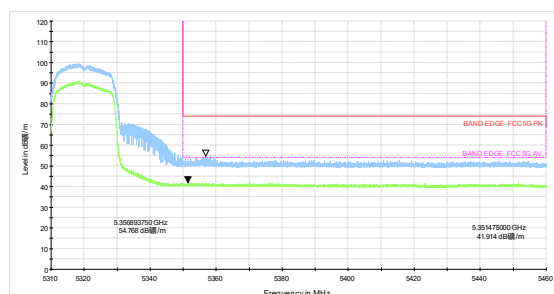
802.11n HT20-Channel 48: Peak + Average



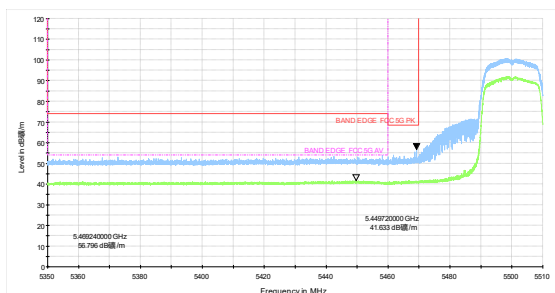
802.11n HT20-Channel 52: Peak + Average



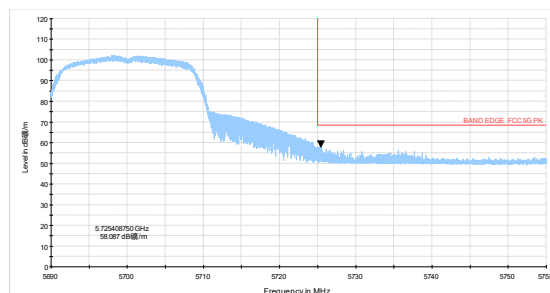
802.11n HT20-Channel 64: Peak + Average



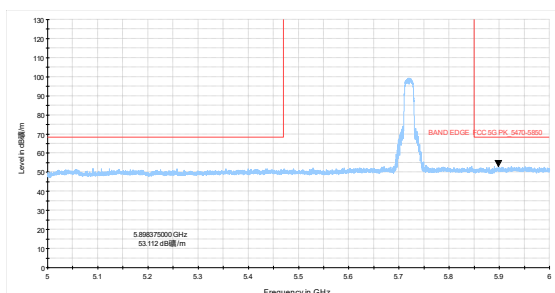
802.11n HT20-Channel 100: Peak + Average



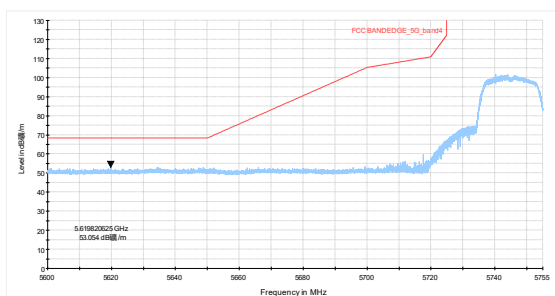
802.11n HT20-Channel 140: Peak



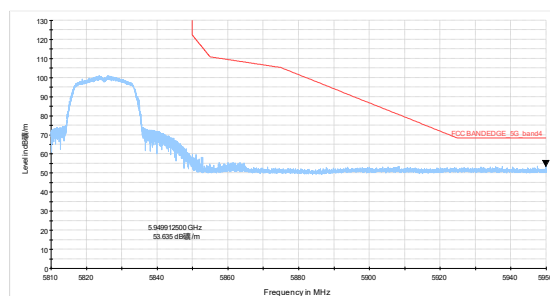
802.11n HT20-Channel 144: Peak



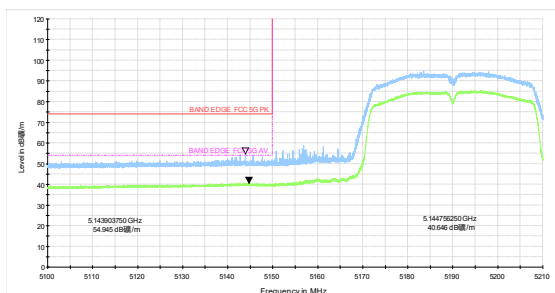
802.11n HT20-Channel 149: Peak



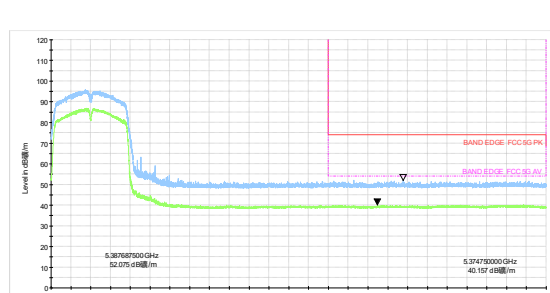
802.11n HT20-Channel 165: Peak



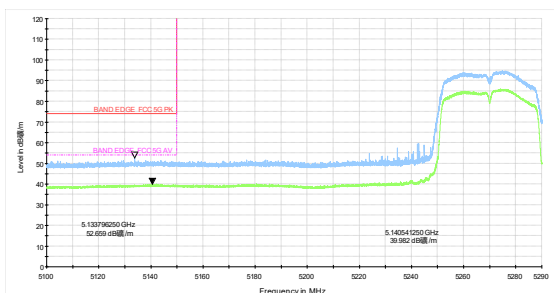
802.11ac VHT40-Channel 38: Peak + Average



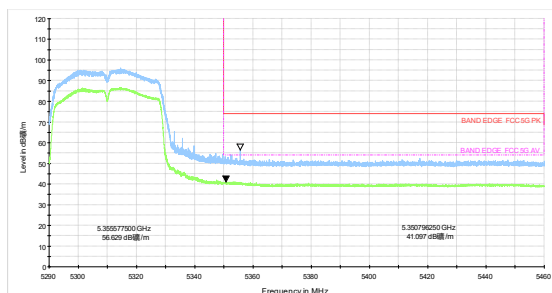
802.11ac VHT40-Channel 46: Peak + Average



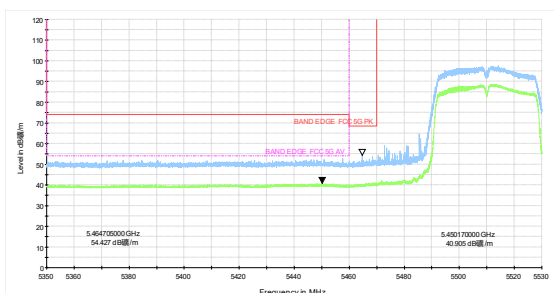
802.11ac VHT40-Channel 54: Peak + Average



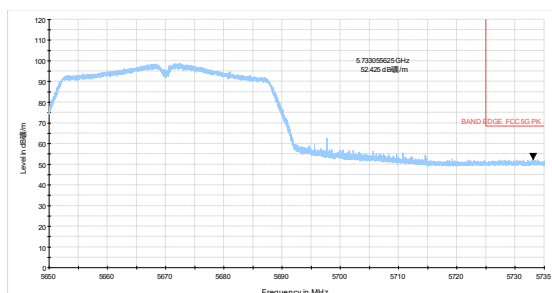
802.11ac VHT40-Channel 62: Peak + Average



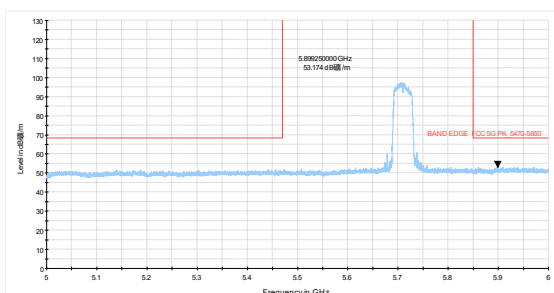
802.11ac VHT40-Channel 102: Peak + Average



802.11ac VHT40-Channel 134: Peak

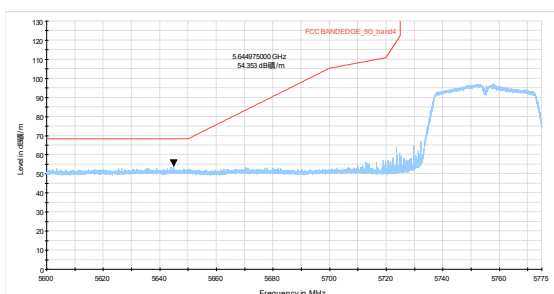


802.11ac VHT40-Channel 142: Peak

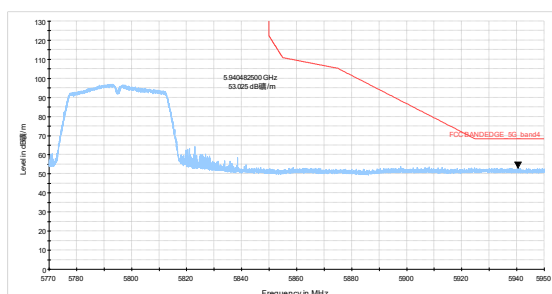


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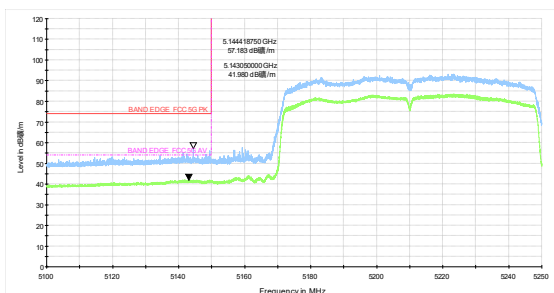
802.11ac VHT40-Channel 151: Peak



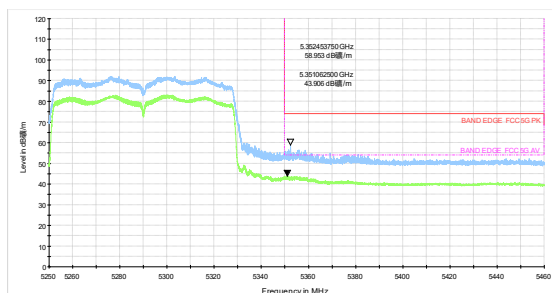
802.11ac VHT40-Channel 159: Peak



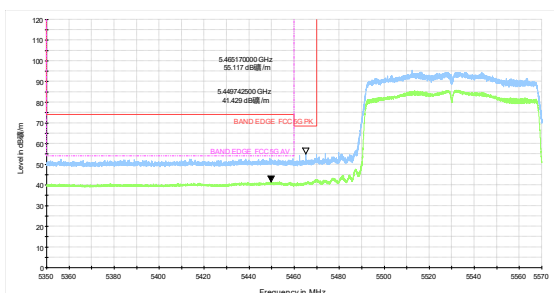
802.11ac VHT80 –Channel 42: Peak + Average



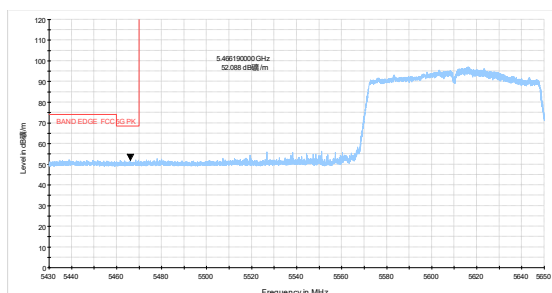
802.11ac VHT80 –Channel 58: Peak + Average



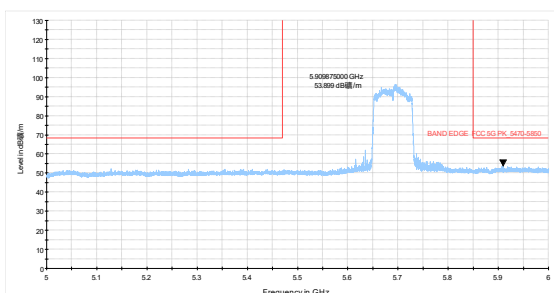
802.11ac VHT80-Channel 106: Peak + Average



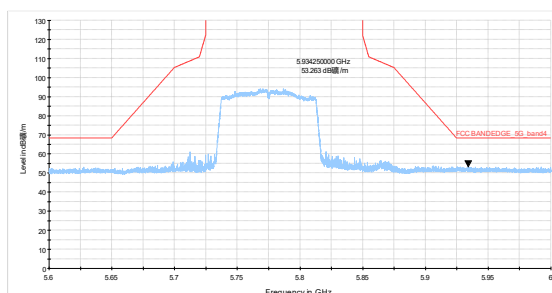
802.11ac VHT80- Channel 122: Peak



802.11ac VHT80- Channel 138: Peak



802.11ac VHT80- Channel 155: Peak



Result of RE

Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier.
The Radiates Emission from 9kHz to 30MHz and 18GHz to 40GHz are more than 20dB below the limit
are not reported.

Remark:

1. **Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)**
2. **Margin = Limit – Quasi-Peak/ MAX Peak/ Average**
3. **A symbol (dB μ V/m) in the test plot below means (dB μ V/m)**
4. **The following graphs display the maximum values of coaxial and coplanar for 9k-30MHz; horizontal and vertical for above 30MHz by software.**
5. **For below 1GHz**

 QP Level @Spectrum Overview H
  QP Level @Spectrum Overview V
  QP Level @Final Results
  QP Limit

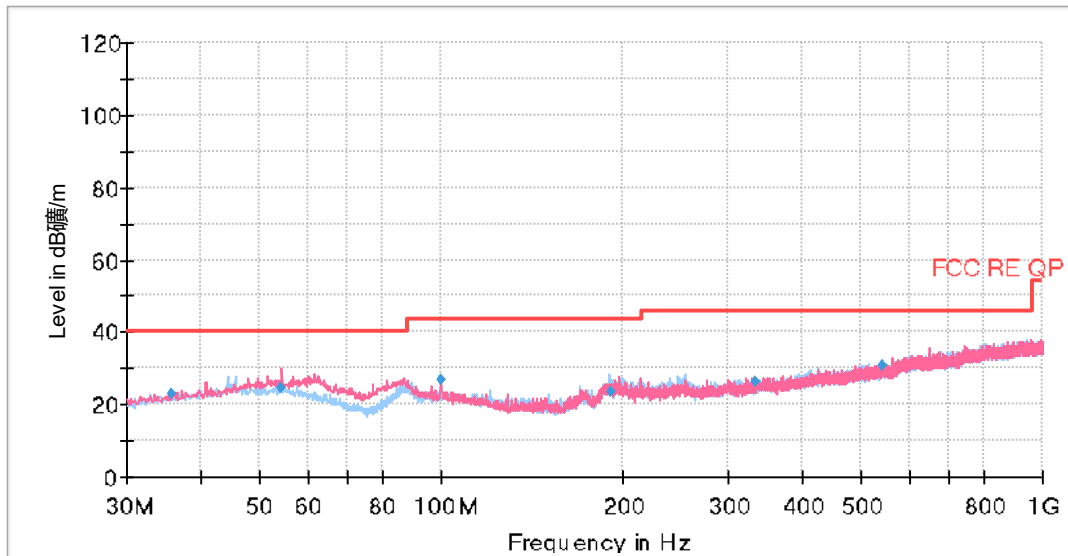
For above 1GHz

 PK Level @Spectrum Overview H
  PK Level @Spectrum Overview V
  PK Level @Final Results
  PK Limit

 AVG Level @Spectrum Overview H
  AVG Level @Spectrum Overview V
  AVG Level @Final Results
  AVG Limit

Continuous TX mode:

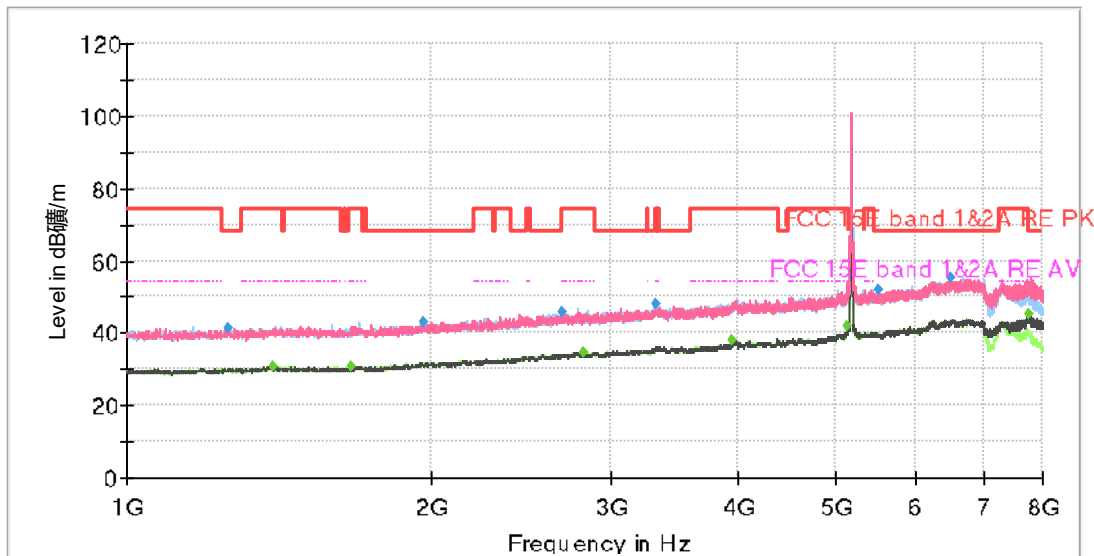
During the test, the Radiates Emission from 30MHz to 1GHz was performed in all modes with all channels. The test data of the worst-case condition (802.11n (HT20) CH64) was recorded in this report.



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
35.70	22.78	40.00	17.22	200.0	V	0.00	18
54.25	24.80	40.00	15.20	100.0	V	123.00	20
99.84	27.06	43.50	16.44	100.0	V	160.00	19
191.38	23.69	43.50	19.81	200.0	H	287.00	18
333.12	26.37	46.00	19.63	200.0	V	322.00	22
541.35	30.83	46.00	15.17	200.0	H	185.00	26

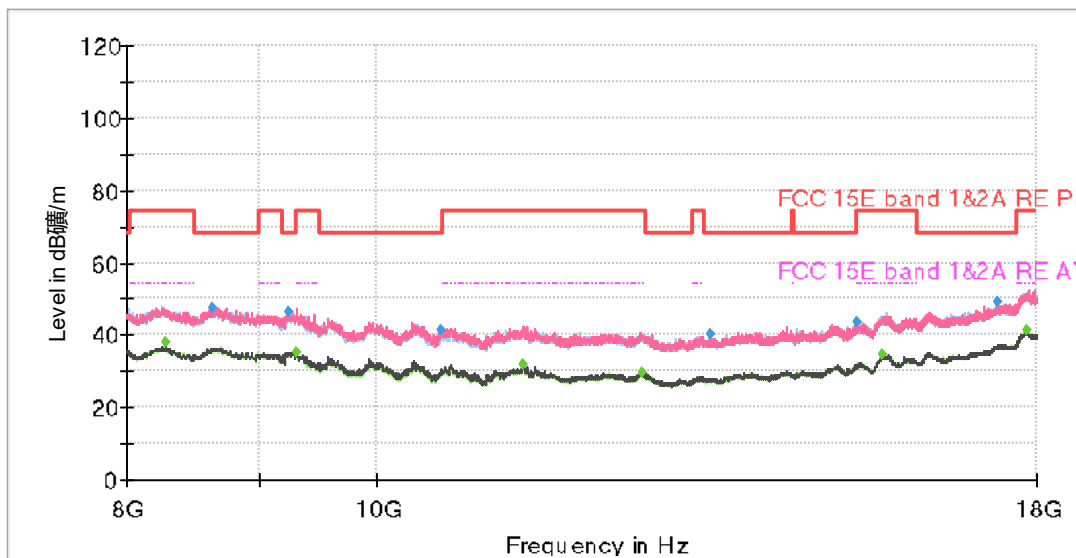
802.11a CH36



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

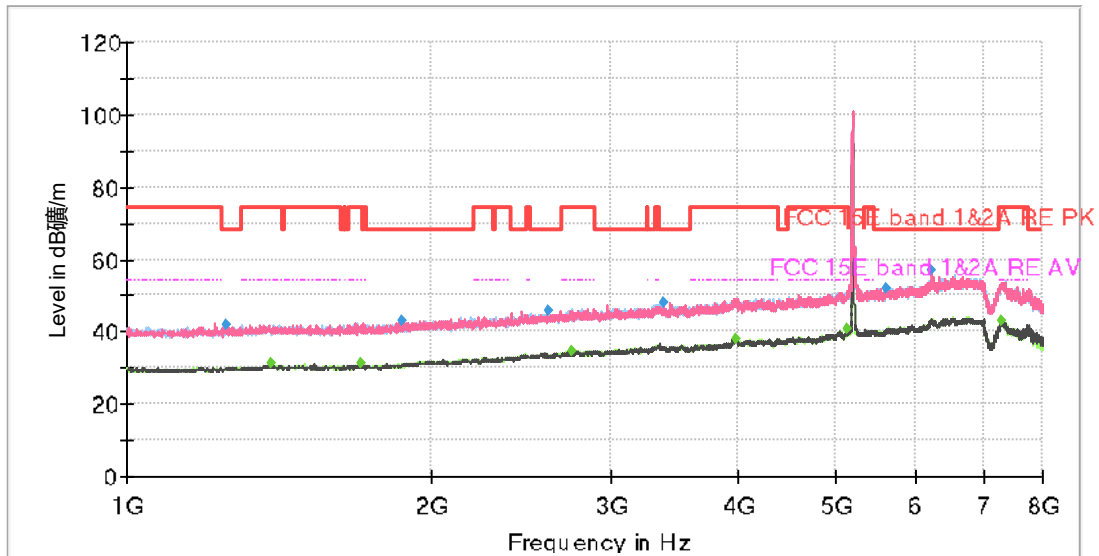
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1258.13	41.49	---	68.20	26.71	500.00	100.0	V	202.00	-11
1397.25	---	30.73	54.00	23.27	500.00	100.0	H	0.00	-11
1664.13	---	30.83	54.00	23.17	500.00	100.0	H	0.00	-10
1958.13	42.77	---	68.20	25.43	500.00	100.0	H	245.00	-8
2683.50	45.51	---	68.20	22.69	500.00	100.0	V	358.00	-5
2827.88	---	34.76	54.00	19.24	500.00	100.0	H	7.00	-5
3327.50	47.95	---	68.20	20.25	500.00	100.0	H	114.00	-3
3959.25	---	38.16	54.00	15.84	500.00	100.0	H	245.00	-1
5141.38	---	41.76	54.00	12.24	500.00	100.0	V	0.00	1
5516.75	51.73	---	68.20	16.47	500.00	100.0	H	215.00	2
6502.00	55.41	---	68.20	12.79	500.00	100.0	V	245.00	7
7746.25	---	45.29	54.00	8.71	500.00	100.0	V	0.00	11



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8287.50	---	37.96	54.00	16.04	500.00	100.0	V	323.00	1
8635.00	47.67	--	68.20	20.53	500.00	100.0	H	17.00	1
9237.50	46.21	--	68.20	21.99	500.00	100.0	V	359.00	2
9307.50	---	35.27	54.00	18.73	500.00	200.0	H	310.00	1
10592.50	41.44	--	68.20	26.76	500.00	100.0	V	331.00	3
11382.50	---	32.07	54.00	21.93	500.00	200.0	V	16.00	5
12666.25	---	29.71	54.00	24.29	500.00	200.0	H	256.00	5
13461.25	40.13	--	68.20	28.07	500.00	100.0	V	357.00	5
15337.50	43.53	--	68.20	24.67	500.00	100.0	H	338.00	6
15682.50	---	34.38	54.00	19.62	500.00	100.0	H	0.00	7
17396.25	48.88	--	68.20	19.32	500.00	100.0	V	344.00	11
17837.50	---	41.06	54.00	12.94	500.00	100.0	V	34.00	15

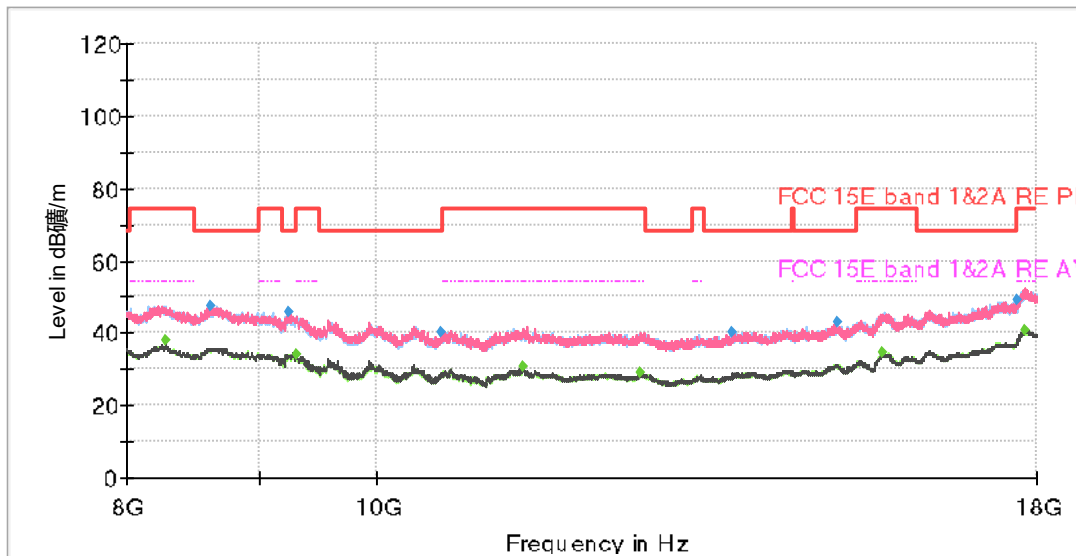
802.11a CH40



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

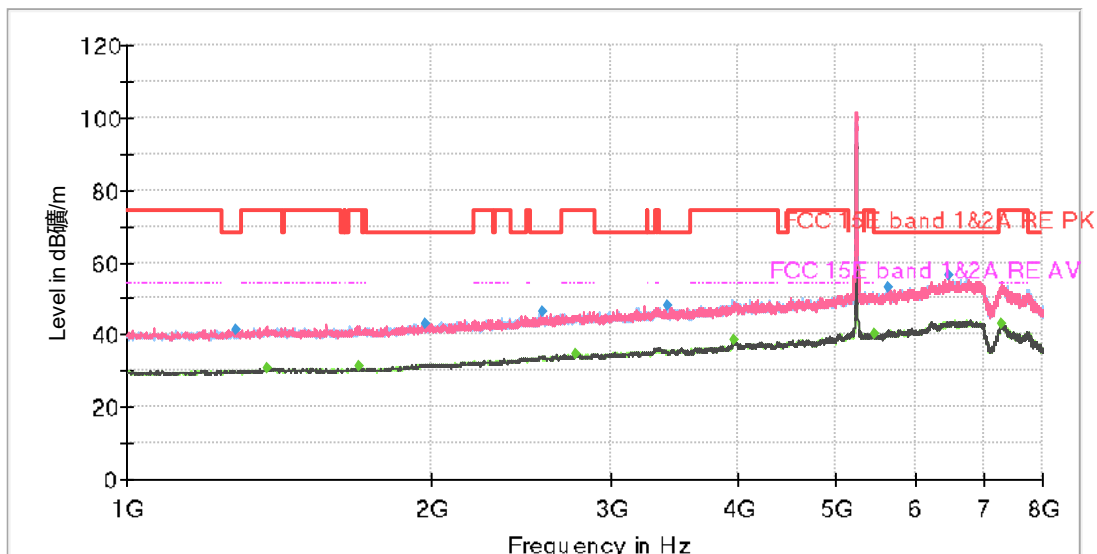
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1254.63	42.06	---	68.20	26.14	500.00	100.0	H	258.00	-12
1388.50	---	31.01	54.00	22.99	500.00	100.0	H	3.00	-11
1704.38	---	31.07	54.00	22.93	500.00	100.0	H	85.00	-10
1870.63	43.02	---	68.20	25.18	500.00	100.0	V	0.00	-9
2600.38	45.95	---	68.20	22.25	500.00	200.0	H	218.00	-6
2752.63	---	34.87	54.00	19.13	500.00	200.0	V	0.00	-5
3379.13	47.83	---	68.20	20.37	500.00	200.0	H	0.00	-3
3985.50	---	38.13	54.00	15.87	500.00	100.0	V	330.00	-1
5143.13	---	40.68	54.00	13.32	500.00	100.0	V	263.00	2
5602.50	52.10	---	68.20	16.10	500.00	200.0	V	1.00	2
6215.88	56.74	---	68.20	11.46	500.00	100.0	V	357.00	6
7298.25	---	42.95	54.00	11.05	500.00	100.0	H	348.00	10



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8287.50	---	38.03	54.00	15.97	500.00	100.0	V	357.00	1
8626.25	47.57	--	68.20	20.63	500.00	100.0	V	0.00	1
9243.75	45.94	--	68.20	22.26	500.00	100.0	V	337.00	2
9303.75	---	34.22	54.00	19.78	500.00	100.0	V	354.00	1
10583.75	39.93	--	68.20	28.27	500.00	200.0	V	248.00	3
11385.00	---	30.72	54.00	23.28	500.00	100.0	V	337.00	5
12647.50	---	28.97	54.00	25.03	500.00	200.0	V	5.00	5
13728.75	40.15	--	68.20	28.05	500.00	100.0	V	13.00	5
15072.50	43.12	--	68.20	25.08	500.00	200.0	H	259.00	6
15701.25	---	34.38	54.00	19.62	500.00	200.0	H	312.00	7
17698.75	49.06	--	68.20	19.14	500.00	100.0	V	63.00	13
17813.75	---	40.94	54.00	13.06	500.00	200.0	V	248.00	15

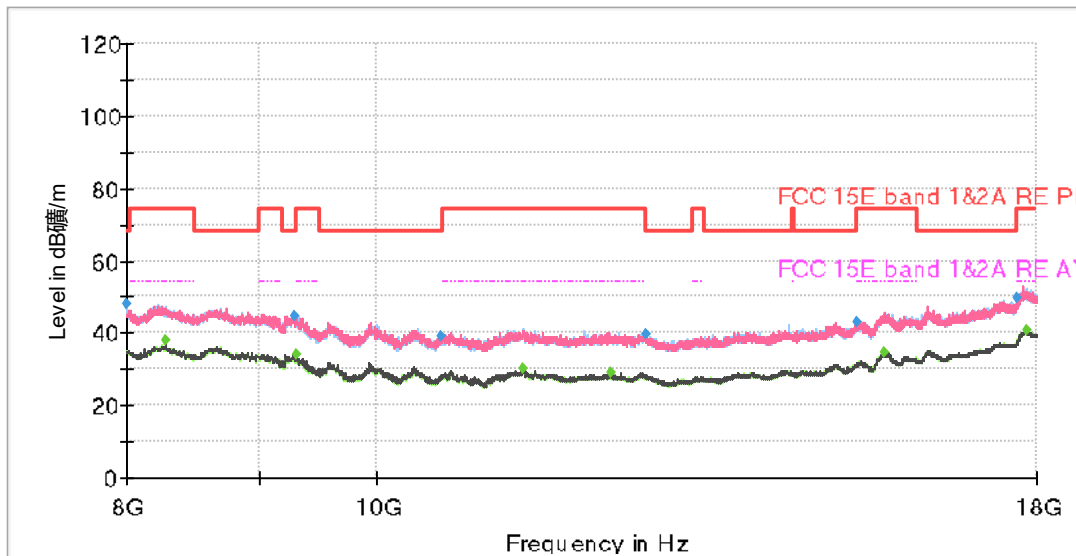
802.11a CH48



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

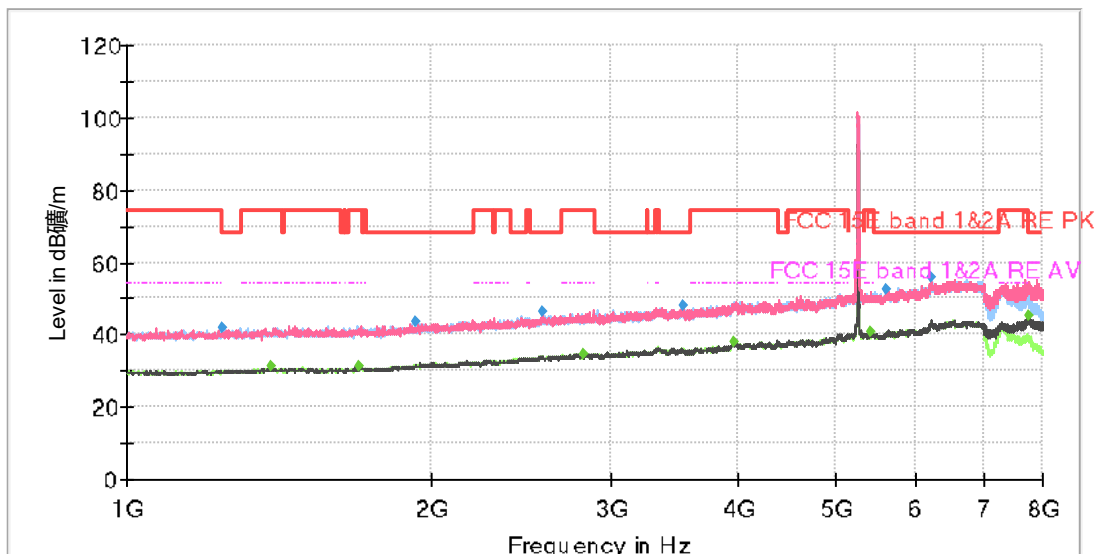
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1281.75	41.42	---	68.20	26.78	500.00	100.0	H	0.00	-12
1378.00	---	30.71	54.00	23.29	500.00	200.0	V	5.00	-11
1691.25	---	31.02	54.00	22.98	500.00	100.0	H	2.00	-10
1973.00	43.19	---	68.20	25.01	500.00	100.0	V	0.00	-8
2571.50	46.20	---	68.20	22.00	500.00	200.0	H	260.00	-5
2777.13	---	34.69	54.00	19.31	500.00	100.0	H	29.00	-5
3419.38	47.82	---	68.20	20.38	500.00	200.0	H	335.00	-4
3966.25	---	38.27	54.00	15.73	500.00	200.0	V	14.00	-1
5452.00	---	40.46	54.00	13.54	500.00	200.0	V	10.00	2
5629.63	53.28	---	68.20	14.92	500.00	200.0	H	350.00	3
6457.38	56.25	---	68.20	11.95	500.00	100.0	V	344.00	7
7293.88	---	42.96	54.00	11.04	500.00	100.0	V	221.00	10



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8003.75	47.79	--	68.20	20.41	500.00	100.0	H	48.00	1
8287.50	---	37.88	54.00	16.12	500.00	100.0	V	324.00	1
9287.50	44.76	--	68.20	23.44	500.00	200.0	H	349.00	1
9303.75	---	33.82	54.00	20.18	500.00	100.0	V	247.00	1
10590.00	39.33	--	68.20	28.87	500.00	100.0	H	11.00	3
11382.50	---	30.23	54.00	23.77	500.00	200.0	H	1.00	5
12317.50	---	28.94	54.00	25.06	500.00	100.0	V	303.00	6
12705.00	39.48	--	68.20	28.72	500.00	200.0	V	26.00	5
15333.75	43.03	--	68.20	25.17	500.00	200.0	V	310.00	6
15702.50	---	34.65	54.00	19.35	500.00	100.0	H	161.00	7
17677.50	49.42	--	68.20	18.78	500.00	200.0	V	4.00	13
17848.75	---	40.73	54.00	13.27	500.00	100.0	H	48.00	15

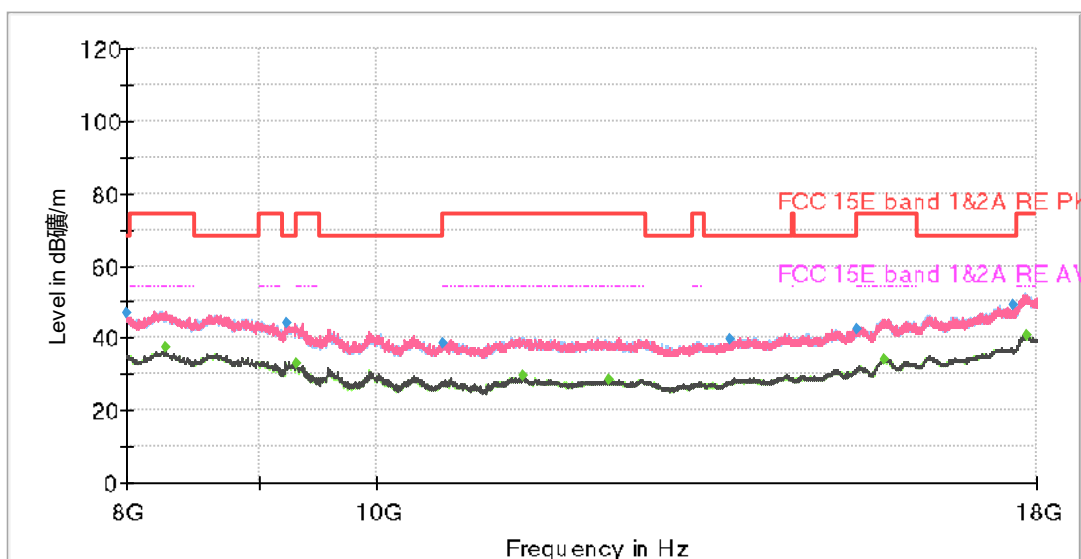
802.11a CH52



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

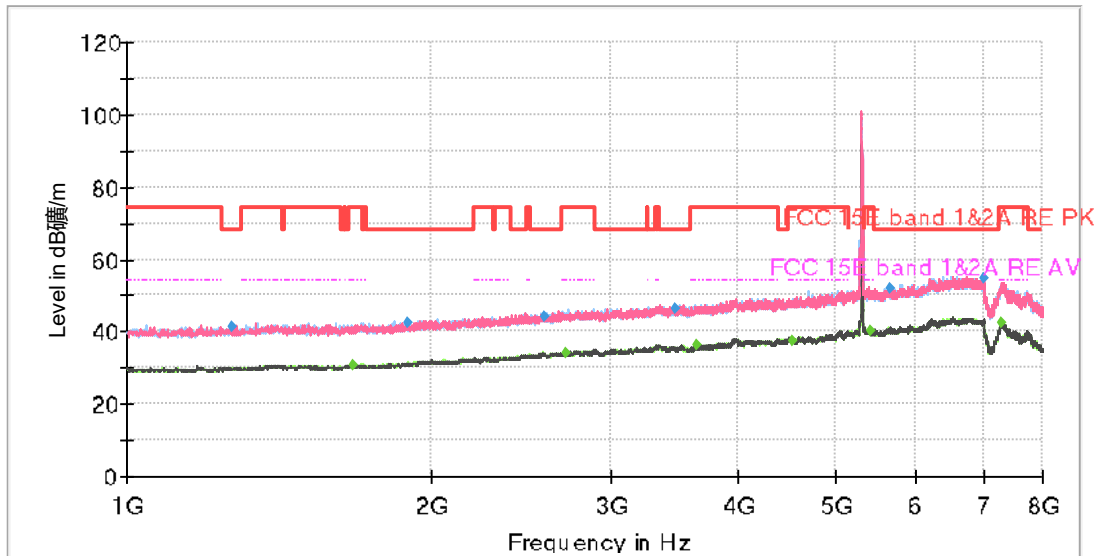
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1242.38	41.80	---	68.20	26.40	500.00	100.0	H	270.00	-12
1386.75	---	31.13	54.00	22.87	500.00	100.0	H	37.00	-11
1694.75	---	31.07	54.00	22.93	500.00	100.0	H	30.00	-10
1931.00	43.67	---	68.20	24.53	500.00	200.0	H	270.00	-9
2570.63	46.06	---	68.20	22.14	500.00	100.0	V	45.00	-5
2827.00	---	34.86	54.00	19.14	500.00	100.0	H	197.00	-5
3539.25	47.79	---	68.20	20.41	500.00	200.0	V	0.00	-3
3971.50	---	38.12	54.00	15.88	500.00	200.0	V	62.00	-1
5417.88	---	40.52	54.00	13.48	500.00	100.0	V	282.00	2
5599.88	52.22	---	68.20	15.98	500.00	100.0	H	284.00	2
6226.38	55.60	---	68.20	12.60	500.00	200.0	H	171.00	6
7744.50	---	44.98	54.00	9.02	500.00	100.0	V	0.00	11



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)
8003.75	46.91	--	68.20	21.29	500.00	100.0	H	46.00	1
8287.50	---	37.36	54.00	16.64	500.00	100.0	V	328.00	1
9227.50	44.13	--	68.20	24.07	500.00	200.0	H	0.00	2
9305.00	---	32.97	54.00	21.03	500.00	200.0	H	260.00	1
10598.75	38.51	--	68.20	29.69	500.00	100.0	V	358.00	3
11382.50	---	29.85	54.00	24.15	500.00	200.0	V	336.00	5
12300.00	---	28.55	54.00	25.45	500.00	100.0	V	0.00	6
13686.25	39.61	--	68.20	28.59	500.00	100.0	V	353.00	5
15347.50	42.67	--	68.20	25.53	500.00	200.0	V	157.00	6
15706.25	---	34.13	54.00	19.87	500.00	200.0	H	343.00	7
17642.50	49.29	--	68.20	18.91	500.00	200.0	H	351.00	13
17831.25	---	40.73	54.00	13.27	500.00	200.0	V	15.00	15

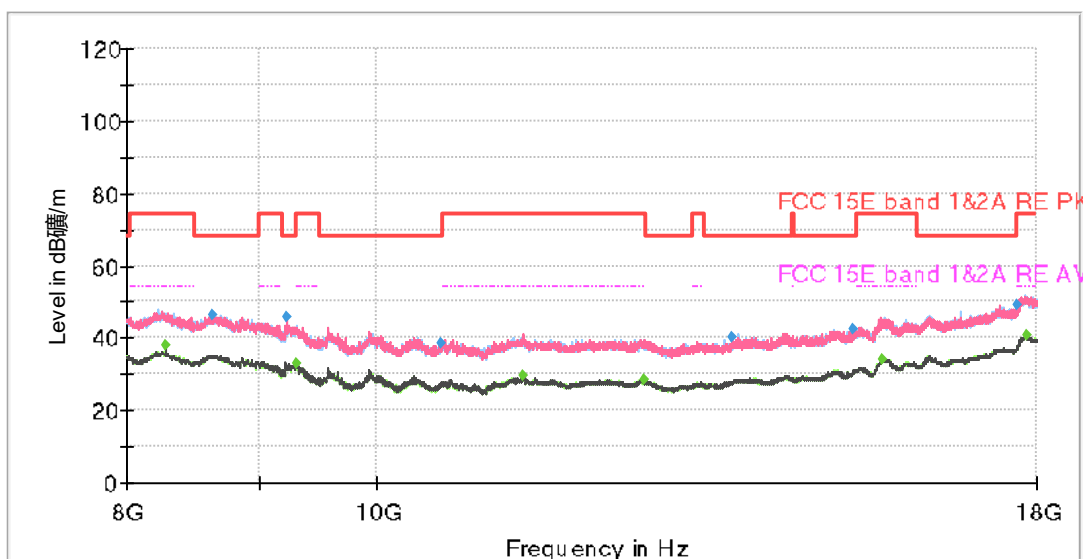
802.11a CH60



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

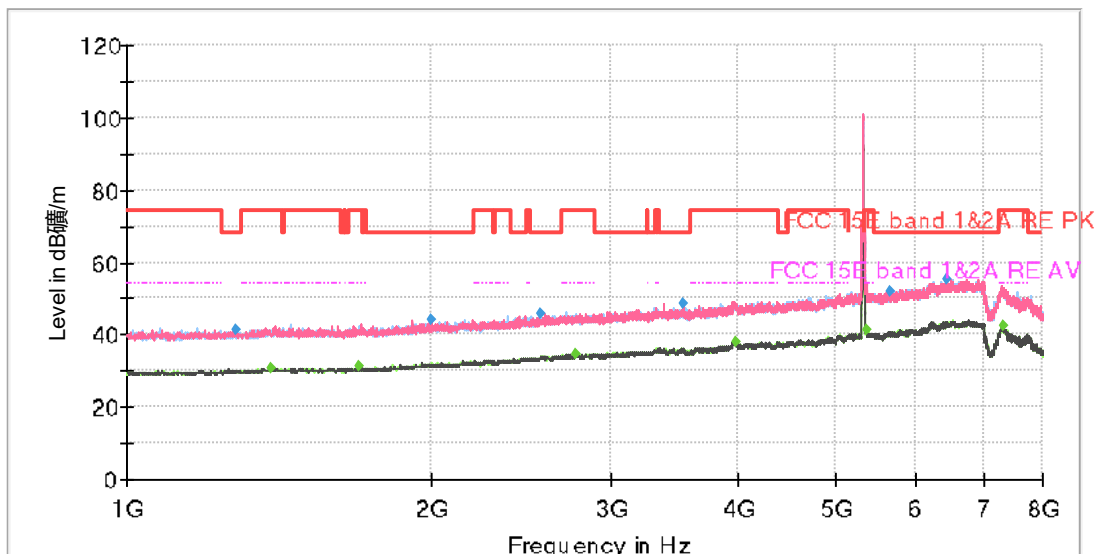
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1269.50	41.39	---	68.20	26.81	500.00	200.0	H	344.00	-11
1674.63	---	30.45	54.00	23.55	500.00	200.0	H	206.00	-10
1893.38	42.31	---	68.20	25.89	500.00	200.0	V	184.00	-9
2582.00	44.22	---	68.20	23.98	500.00	100.0	H	156.00	-5
2716.75	---	34.06	54.00	19.94	500.00	200.0	H	349.00	-5
3476.25	46.40	---	68.20	21.80	500.00	200.0	H	331.00	-4
3653.88	---	36.40	54.00	17.60	500.00	100.0	H	7.00	-3
4542.88	---	37.65	54.00	16.35	500.00	200.0	H	359.00	-1
5407.38	---	39.99	54.00	14.01	500.00	100.0	H	32.00	2
5670.75	51.87	---	68.20	16.33	500.00	200.0	H	0.00	3
6990.25	54.51	---	68.20	13.69	500.00	100.0	V	334.00	8
7301.75	---	42.33	54.00	11.67	500.00	200.0	H	249.00	9



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)
8287.50	---	37.18	54.00	16.28	500.00	100.0	V	323.00	1
8633.75	46.33	--	68.20	21.87	500.00	200.0	H	353.00	1
9226.25	45.93	--	68.20	22.27	500.00	100.0	V	359.00	2
9305.00	---	32.85	54.00	21.15	500.00	200.0	V	28.00	1
10593.75	38.53	--	68.20	29.67	500.00	200.0	H	215.00	3
11381.25	---	29.55	54.00	24.45	500.00	200.0	H	341.00	5
12682.50	---	28.58	54.00	25.42	500.00	200.0	H	155.00	5
13722.50	40.08	--	68.20	28.12	500.00	200.0	V	281.00	5
15293.75	42.44	--	68.20	25.76	500.00	100.0	H	181.00	6
15696.25	---	34.27	54.00	19.73	500.00	200.0	H	294.00	7
17698.75	49.04	--	68.20	19.16	500.00	200.0	V	251.00	13
17831.25	---	40.86	54.00	13.14	500.00	200.0	V	6.00	15

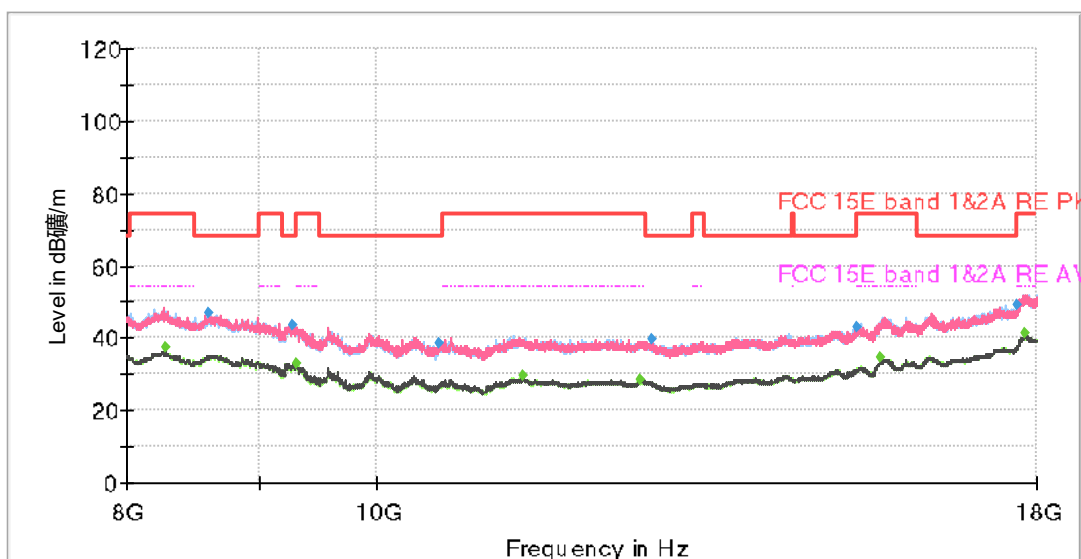
802.11a CH64



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

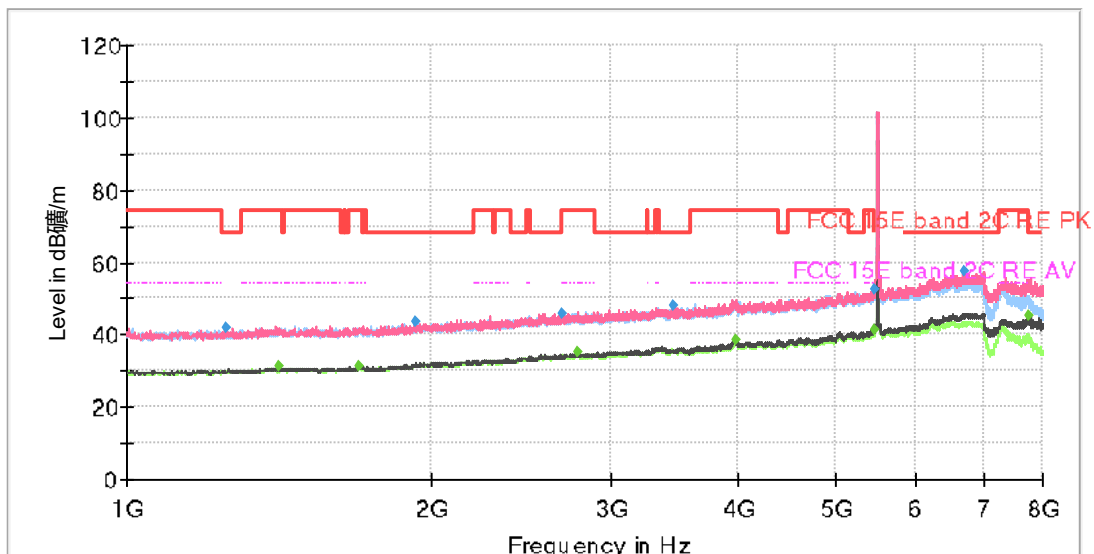
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1284.38	41.38	---	68.20	26.82	500.00	100.0	V	345.00	-12
1386.75	---	30.87	54.00	23.13	500.00	100.0	H	359.00	-11
1694.75	---	31.19	54.00	22.81	500.00	200.0	H	287.00	-10
1996.63	43.92	---	68.20	24.28	500.00	200.0	V	18.00	-8
2554.88	45.75	---	68.20	22.45	500.00	200.0	H	357.00	-5
2774.50	---	34.59	54.00	19.41	500.00	100.0	H	2.00	-5
3532.25	48.45	---	68.20	19.75	500.00	100.0	V	334.00	-3
3982.88	---	38.05	54.00	15.95	500.00	100.0	V	171.00	-1
5360.13	---	41.48	54.00	12.52	500.00	200.0	H	287.00	2
5656.75	51.86	---	68.20	16.34	500.00	200.0	H	174.00	3
6439.00	55.35	---	68.20	12.85	500.00	200.0	V	0.00	7
7322.75	---	42.61	54.00	11.39	500.00	100.0	H	259.00	9



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)
8287.50	---	37.57	54.00	16.43	500.00	100.0	V	0.00	1
8603.75	46.84	--	68.20	21.36	500.00	100.0	H	183.00	1
9280.00	43.60	--	68.20	24.60	500.00	200.0	V	48.00	1
9307.50	---	32.73	54.00	21.27	500.00	100.0	V	357.00	1
10576.25	38.42	--	68.20	29.78	500.00	100.0	H	3.00	3
11381.25	---	29.52	54.00	24.48	500.00	200.0	V	347.00	5
12647.50	---	28.48	54.00	25.52	500.00	200.0	V	2.00	5
12772.50	39.61	--	68.20	28.59	500.00	200.0	V	347.00	5
15341.25	42.87	--	68.20	25.33	500.00	200.0	H	356.00	6
15661.25	---	34.37	54.00	19.63	500.00	200.0	H	138.00	7
17698.75	48.86	--	68.20	19.34	500.00	100.0	H	0.00	13
17817.50	---	41.10	54.00	12.90	500.00	100.0	H	2.00	15

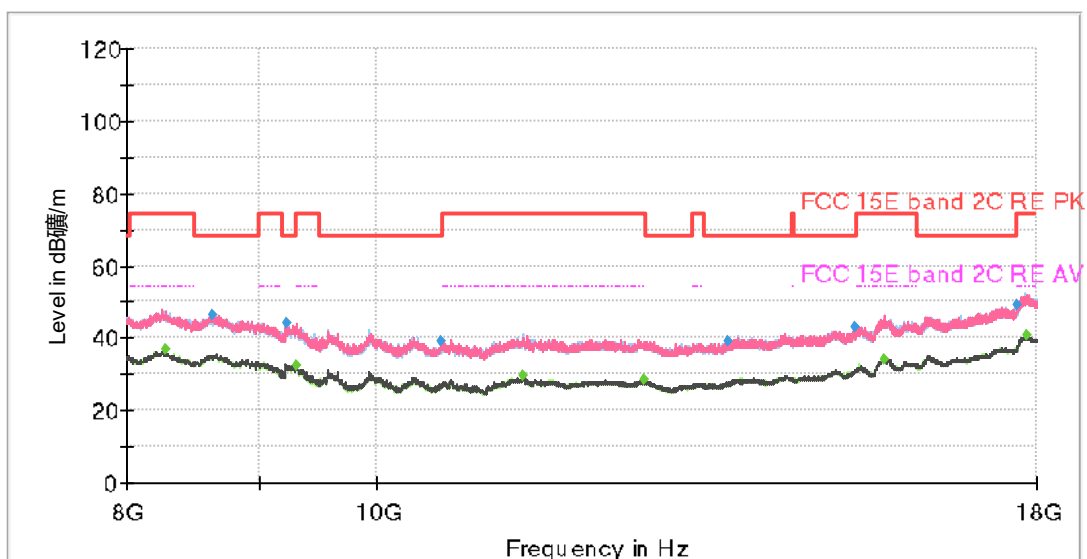
802.11a CH100



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

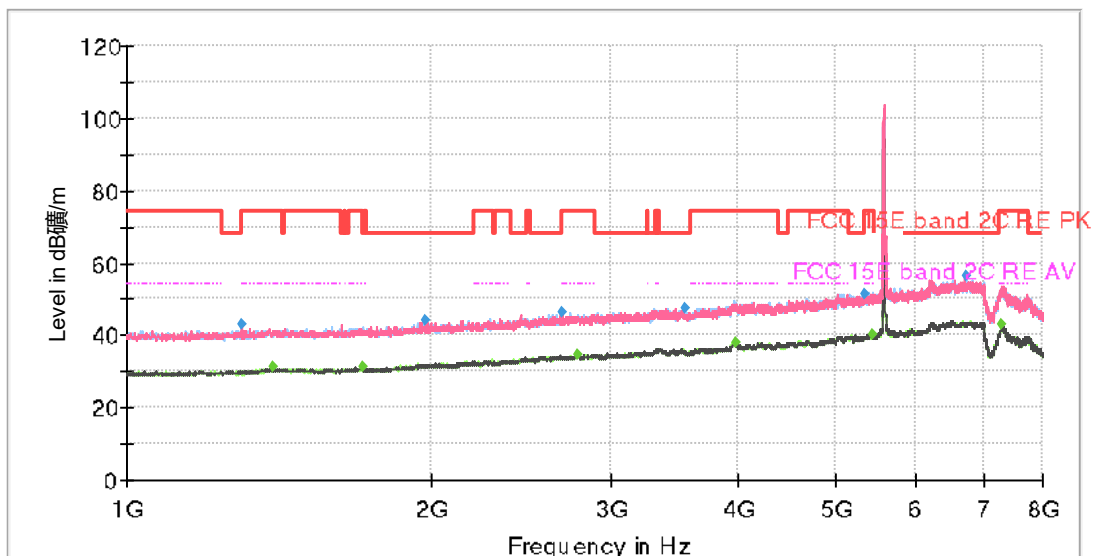
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1255.50	42.02	---	68.20	26.18	500.00	100.0	V	359.00	-12
1413.88	---	31.05	54.00	22.95	500.00	200.0	V	6.00	-11
1696.50	---	31.13	54.00	22.87	500.00	100.0	V	332.00	-10
1929.25	43.49	---	68.20	24.71	500.00	200.0	V	4.00	-9
2683.50	45.88	---	68.20	22.32	500.00	200.0	V	0.00	-5
2781.50	---	34.96	54.00	19.04	500.00	200.0	V	180.00	-5
3453.50	47.99	---	68.20	20.21	500.00	100.0	H	107.00	-3
3979.38	---	38.39	54.00	15.61	500.00	200.0	V	1.00	-1
5452.88	---	41.55	54.00	12.45	500.00	100.0	H	46.00	2
5469.50	52.36	---	68.20	15.84	500.00	100.0	H	46.00	2
6703.25	57.53	---	68.20	10.67	500.00	200.0	V	27.00	8
7744.50	---	45.33	54.00	8.67	500.00	100.0	V	0.00	11



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)
8287.50	---	37.12	54.00	16.88	500.00	100.0	V	301.00	1
8635.00	46.44	--	68.20	21.76	500.00	100.0	V	331.00	1
9226.25	44.12	--	68.20	24.08	500.00	200.0	H	274.00	2
9308.75	---	32.53	54.00	21.47	500.00	100.0	H	32.00	1
10591.25	39.35	--	68.20	28.85	500.00	100.0	V	274.00	3
11381.25	---	29.72	54.00	24.28	500.00	200.0	V	281.00	5
12676.25	---	28.57	54.00	25.43	500.00	100.0	V	168.00	5
13683.75	39.31	--	68.20	28.89	500.00	100.0	H	13.00	5
15303.75	42.73	--	68.20	25.47	500.00	100.0	V	123.00	6
15702.50	---	34.08	54.00	19.92	500.00	200.0	V	114.00	7
17677.50	48.87	--	68.20	19.33	500.00	100.0	V	288.00	13
17836.25	---	40.64	54.00	13.36	500.00	200.0	H	0.00	15

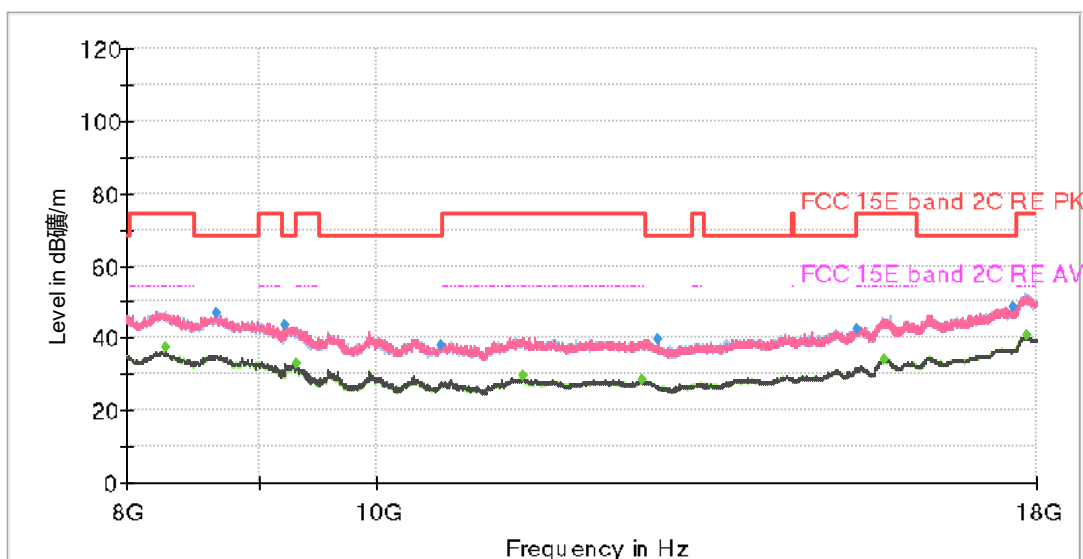
802.11a CH116



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

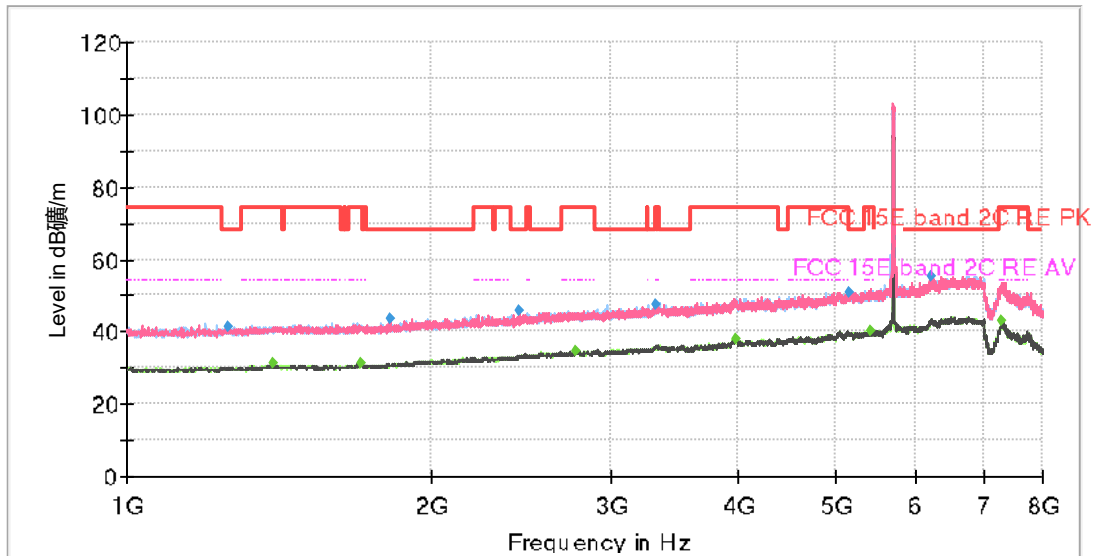
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1296.63	42.75	---	68.20	25.45	500.00	100.0	V	352.00	-11
1396.38	---	31.04	54.00	22.96	500.00	200.0	V	8.00	-11
1707.88	---	31.07	54.00	22.93	500.00	200.0	H	244.00	-10
1972.13	43.85	---	68.20	24.35	500.00	200.0	H	356.00	-8
2685.25	46.06	---	68.20	22.14	500.00	100.0	V	344.00	-5
2780.63	---	34.63	54.00	19.37	500.00	200.0	V	2.00	-5
3551.50	47.61	---	68.20	20.59	500.00	100.0	H	0.00	-4
3981.13	---	38.11	54.00	15.89	500.00	100.0	H	7.00	-1
5347.00	51.30	---	68.20	16.90	500.00	200.0	V	2.00	2
5446.75	---	40.33	54.00	13.67	500.00	100.0	V	282.00	2
6740.88	56.63	---	68.20	11.57	500.00	200.0	H	335.00	8
7299.13	---	42.89	54.00	11.11	500.00	200.0	H	0.00	10



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8287.50	---	37.29	54.00	16.71	500.00	100.0	V	337.00	1
8663.75	46.67	--	68.20	21.53	500.00	100.0	V	352.00	2
9217.50	43.64	--	68.20	24.56	500.00	200.0	V	1.00	1
9307.50	---	32.72	54.00	21.28	500.00	200.0	V	22.00	1
10583.75	37.86	--	68.20	30.34	500.00	100.0	V	0.00	3
11381.25	---	29.51	54.00	24.49	500.00	200.0	H	343.00	5
12656.25	---	28.51	54.00	25.49	500.00	100.0	V	343.00	5
12853.75	39.86	--	68.20	28.34	500.00	200.0	V	159.00	5
15340.00	42.67	--	68.20	25.53	500.00	100.0	H	189.00	6
15705.00	---	34.19	54.00	19.81	500.00	100.0	H	5.00	7
17638.75	48.65	--	68.20	19.55	500.00	200.0	V	16.00	13
17843.75	---	40.74	54.00	13.26	500.00	200.0	H	0.00	15

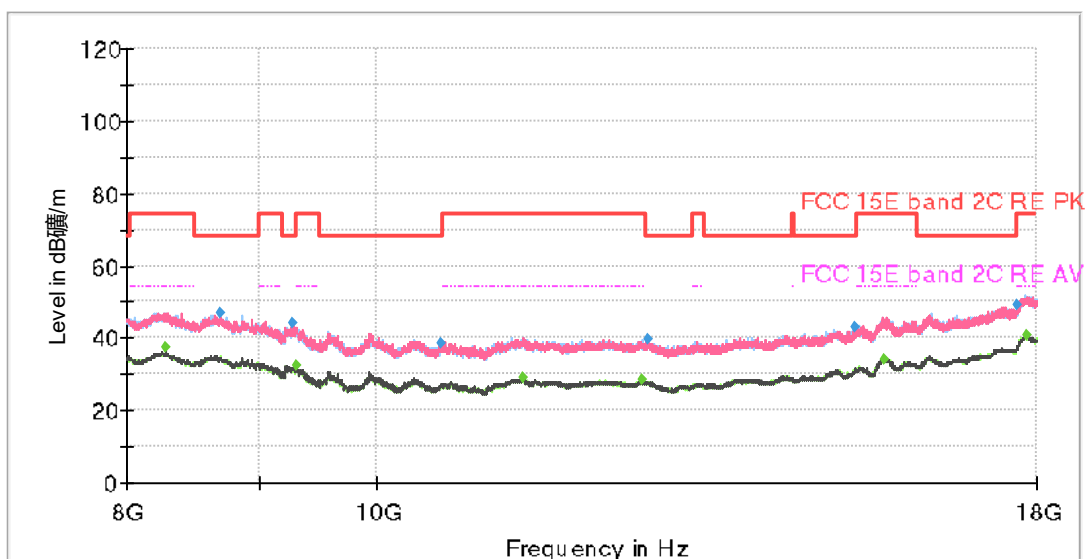
802.11a CH140



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

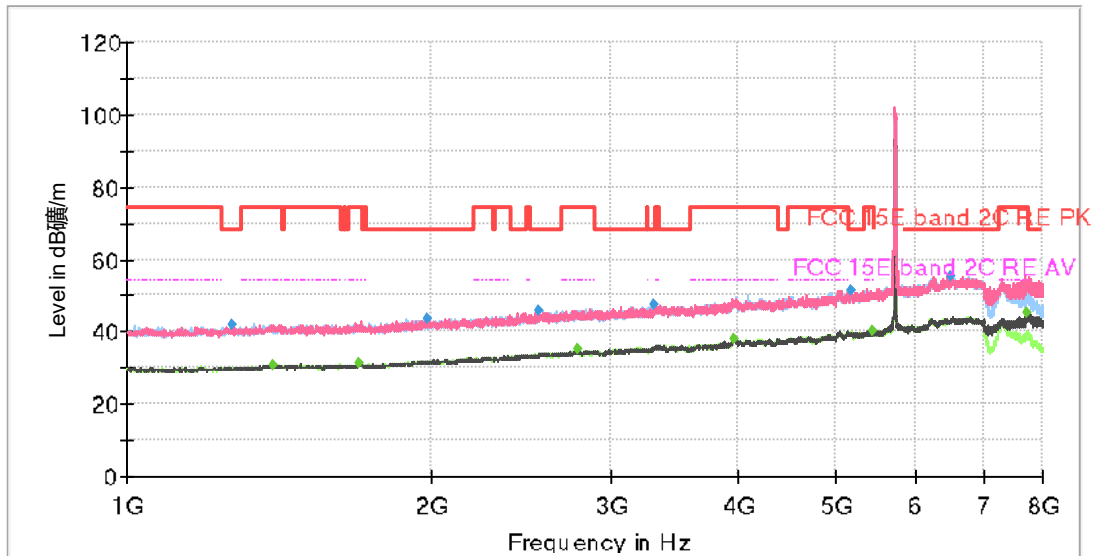
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1258.13	41.50	---	68.20	26.70	500.00	100.0	V	359.00	-11
1396.38	---	30.99	54.00	23.01	500.00	100.0	V	0.00	-11
1704.38	---	31.24	54.00	22.76	500.00	100.0	V	271.00	-10
1815.50	43.42	---	68.20	24.78	500.00	100.0	H	128.00	-10
2441.13	45.57	---	68.20	22.63	500.00	100.0	V	340.00	-6
2776.25	---	34.61	54.00	19.39	500.00	100.0	H	25.00	-5
3329.25	47.62	---	68.20	20.58	500.00	200.0	H	356.00	-3
3989.88	---	38.12	54.00	15.88	500.00	200.0	V	26.00	-1
5159.75	51.07	---	68.20	17.13	500.00	100.0	V	243.00	2
5418.75	---	40.29	54.00	13.71	500.00	200.0	H	317.00	2
6216.75	55.45	---	68.20	12.75	500.00	200.0	H	358.00	6
7295.63	---	42.74	54.00	11.26	500.00	200.0	V	0.00	10



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8287.50	---	37.31	54.00	16.69	500.00	100.0	V	324.00	1
8701.25	46.72	--	68.20	21.48	500.00	100.0	H	10.00	2
9282.50	43.89	--	68.20	24.31	500.00	100.0	V	22.00	1
9307.50	---	32.29	54.00	21.71	500.00	200.0	V	27.00	1
10592.50	38.66	--	68.20	29.54	500.00	100.0	H	188.00	3
11381.25	---	29.19	54.00	24.81	500.00	100.0	V	339.00	5
12670.00	---	28.57	54.00	25.43	500.00	100.0	V	245.00	5
12741.25	39.65	--	68.20	28.55	500.00	100.0	V	349.00	5
15301.25	43.18	--	68.20	25.02	500.00	100.0	V	139.00	6
15718.75	---	34.30	54.00	19.70	500.00	200.0	V	2.00	7
17695.00	49.01	--	68.20	19.19	500.00	100.0	H	42.00	13
17840.00	---	40.63	54.00	13.37	500.00	100.0	V	245.00	15

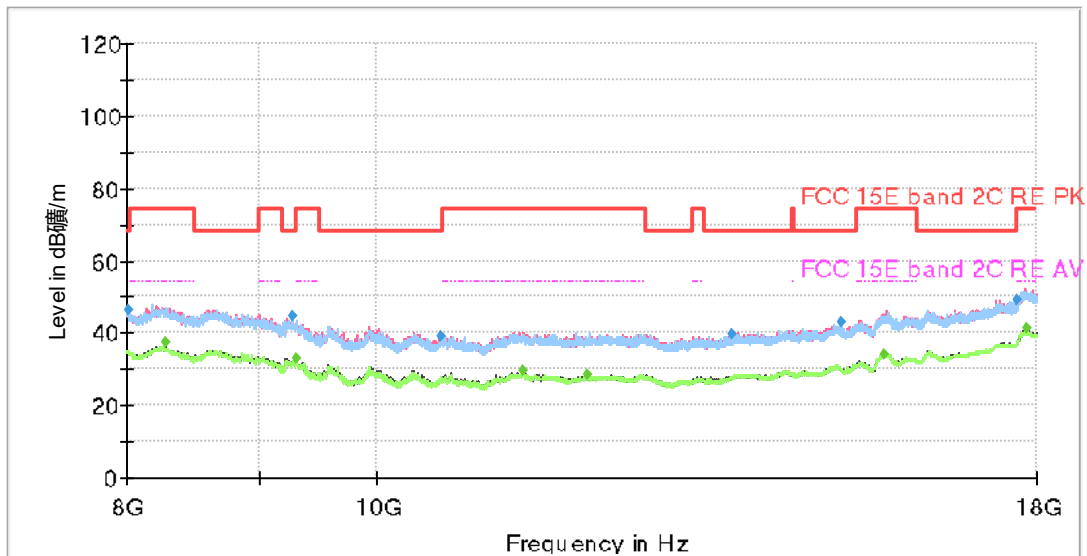
802.11a CH144



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

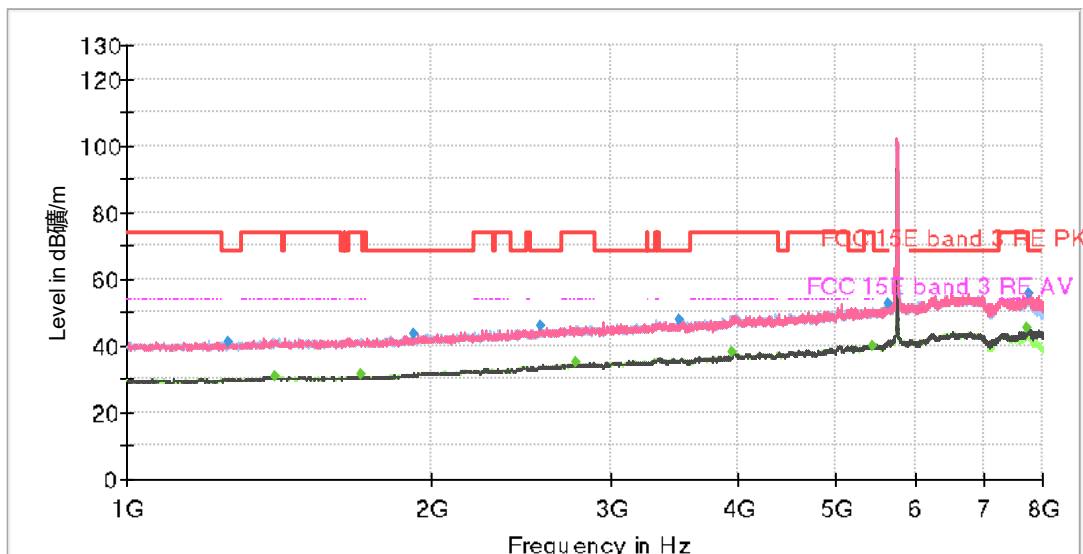
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1271.25	41.95	---	68.20	26.25	500.00	100.0	V	208.00	-12
1392.00	---	30.96	54.00	23.04	500.00	200.0	V	7.00	-11
1693.88	---	31.21	54.00	22.79	500.00	100.0	H	4.00	-10
1983.50	43.60	---	68.20	24.60	500.00	200.0	H	328.00	-8
2552.25	45.75	---	68.20	22.45	500.00	100.0	H	6.00	-5
2779.75	---	34.90	54.00	19.10	500.00	100.0	V	56.00	-5
3305.63	47.57	---	68.20	20.63	500.00	200.0	H	351.00	-4
3970.63	---	38.20	54.00	15.80	500.00	100.0	H	82.00	-1
5186.88	51.12	---	68.20	17.08	500.00	100.0	V	0.00	2
5447.63	---	40.30	54.00	13.70	500.00	200.0	V	3.00	2
6500.25	55.25	---	68.20	12.95	500.00	200.0	V	10.00	7
7718.25	---	45.28	54.00	8.72	500.00	100.0	V	0.00	11



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8010.00	46.46	--	68.20	21.74	500.00	200.0	V	39.00	1
8287.50	---	37.59	54.00	16.41	500.00	100.0	V	324.00	1
9267.50	44.51	--	68.20	23.69	500.00	100.0	H	234.00	2
9303.75	---	32.68	54.00	21.32	500.00	100.0	V	64.00	1
10593.75	39.24	--	68.20	28.96	500.00	100.0	V	332.00	3
11381.25	---	29.69	54.00	24.31	500.00	100.0	V	332.00	5
12058.75	---	28.53	54.00	25.47	500.00	100.0	H	96.00	6
13731.25	39.64	--	68.20	28.56	500.00	100.0	V	0.00	5
15121.25	43.19	--	68.20	25.01	500.00	100.0	H	142.00	6
15702.50	---	34.01	54.00	19.99	500.00	100.0	H	5.00	7
17692.50	49.12	--	68.20	19.08	500.00	200.0	V	6.00	13
17832.50	---	41.10	54.00	12.90	500.00	100.0	H	5.00	15

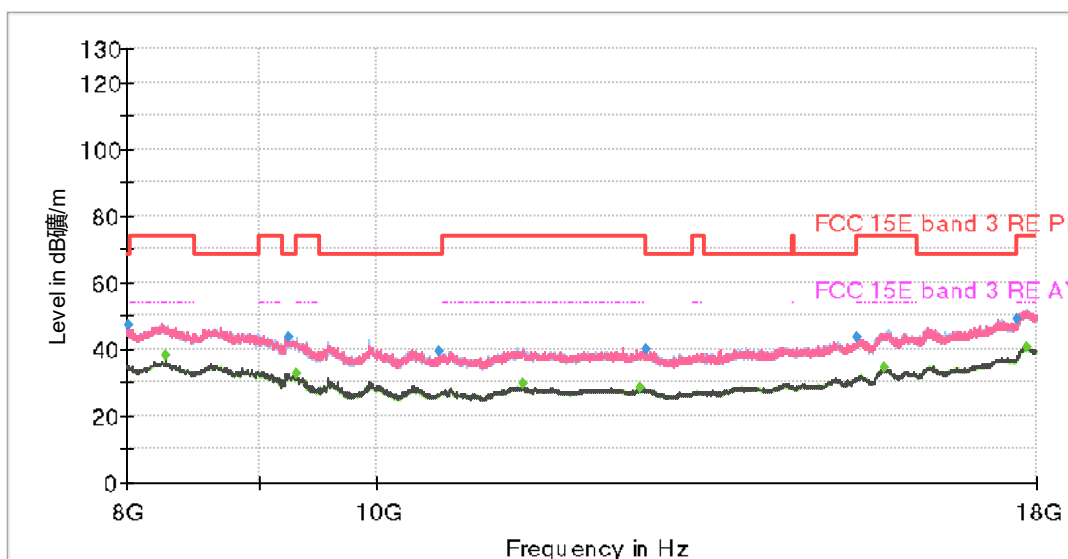
802.11a CH149



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

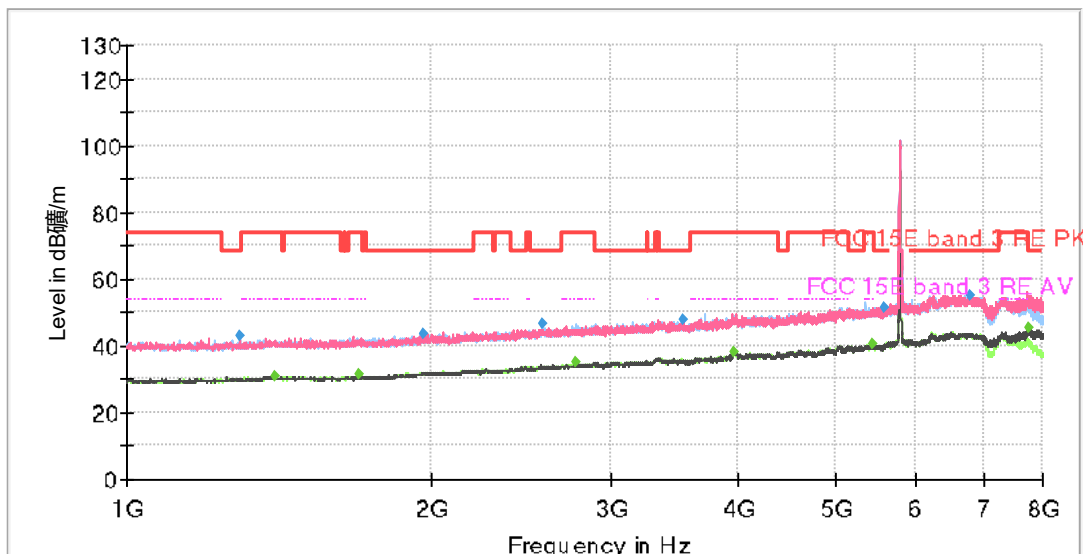
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1260.75	41.24	---	68.20	26.96	500.00	100.0	V	351.00	-11
1398.13	---	30.90	54.00	23.10	500.00	100.0	H	8.00	-11
1700.88	---	31.38	54.00	22.62	500.00	100.0	V	0.00	-10
1918.75	43.68	---	68.20	24.52	500.00	100.0	V	0.00	-9
2559.25	45.69	---	68.20	22.51	500.00	100.0	H	2.00	-5
2771.00	---	34.99	54.00	19.01	500.00	200.0	H	74.00	-5
3512.13	48.07	---	68.20	20.13	500.00	200.0	H	200.00	-3
3958.38	---	37.97	54.00	16.03	500.00	200.0	V	258.00	-1
5431.88	---	40.21	54.00	13.79	500.00	100.0	V	45.00	2
5627.00	52.88	---	68.20	15.32	500.00	100.0	V	347.00	3
7737.50	---	45.55	54.00	8.45	500.00	100.0	V	0.00	11
7764.63	55.85	---	68.20	12.35	500.00	200.0	H	200.00	11



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8008.75	46.87	--	68.20	21.33	500.00	200.0	H	6.00	1
8287.50	---	37.98	54.00	16.02	500.00	100.0	V	326.00	1
9237.50	43.46	--	68.20	24.74	500.00	100.0	H	343.00	2
9303.75	---	32.37	54.00	21.63	500.00	200.0	H	63.00	1
10572.50	39.03	--	68.20	29.17	500.00	200.0	H	212.00	3
11381.25	---	29.33	54.00	24.67	500.00	200.0	H	25.00	5
12645.00	---	28.51	54.00	25.49	500.00	100.0	H	352.00	5
12718.75	39.78	--	68.20	28.42	500.00	200.0	V	0.00	5
15327.50	43.28	--	68.20	24.92	500.00	200.0	H	33.00	6
15713.75	---	34.17	54.00	19.83	500.00	100.0	V	13.00	7
17697.50	49.12	--	68.20	19.08	500.00	200.0	H	4.00	13
17841.25	---	40.78	54.00	13.22	500.00	200.0	V	130.00	15

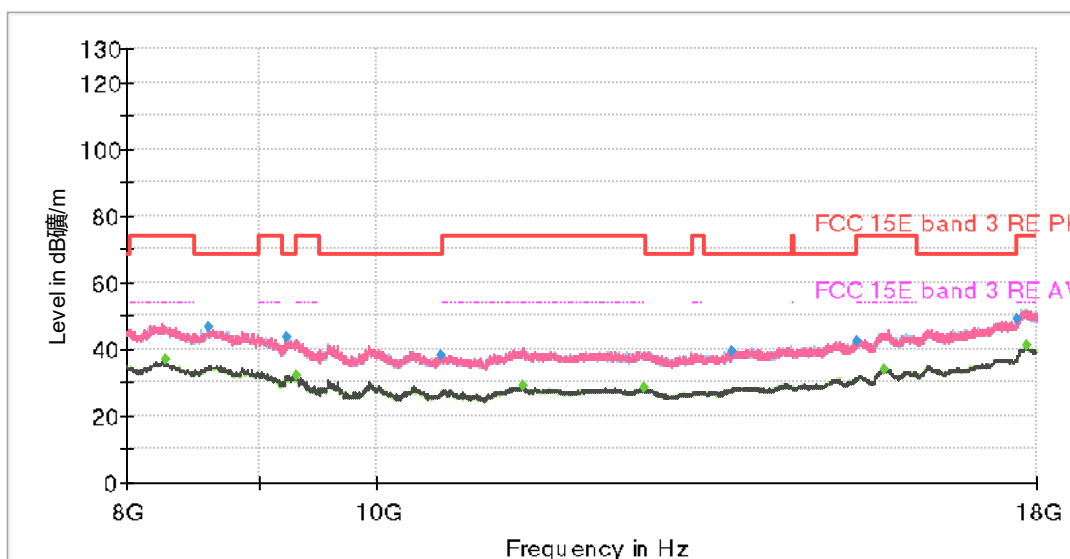
802.11a CH157



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

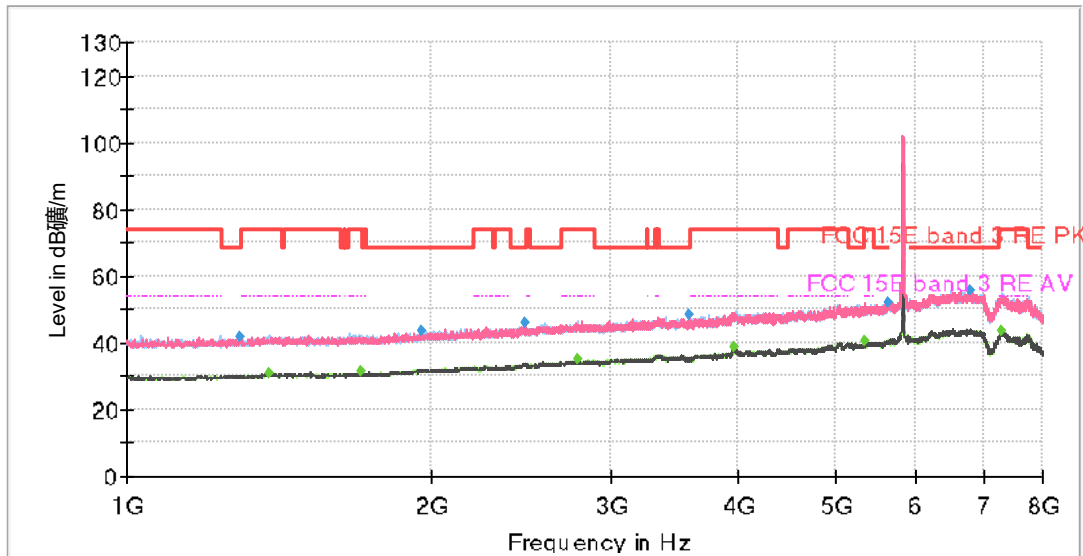
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1294.00	42.69	---	68.20	25.51	500.00	200.0	H	358.00	-11
1399.00	---	30.93	54.00	23.07	500.00	100.0	H	10.00	-11
1693.00	---	31.37	54.00	22.63	500.00	200.0	H	335.00	-10
1962.50	43.27	---	68.20	24.93	500.00	200.0	H	45.00	-8
2574.13	46.31	---	68.20	21.89	500.00	200.0	H	350.00	-5
2776.25	---	34.97	54.00	19.03	500.00	200.0	V	287.00	-5
3533.13	47.72	---	68.20	20.48	500.00	100.0	H	19.00	-3
3967.13	---	38.22	54.00	15.78	500.00	100.0	H	41.00	-1
5438.88	---	40.61	54.00	13.39	500.00	100.0	H	147.00	2
5585.00	51.64	---	68.20	16.56	500.00	100.0	H	26.00	2
6783.75	55.31	---	68.20	12.89	500.00	200.0	V	6.00	8
7740.13	---	45.20	54.00	8.80	500.00	100.0	V	0.00	11



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8287.50	---	37.09	54.00	16.91	500.00	100.0	V	31.00	1
8607.50	46.30	--	68.20	21.90	500.00	100.0	V	63.00	1
9223.75	43.64	--	68.20	24.56	500.00	200.0	H	98.00	2
9307.50	---	32.17	54.00	21.83	500.00	100.0	V	2.00	1
10592.50	38.31	--	68.20	29.89	500.00	200.0	V	333.00	3
11381.25	---	29.32	54.00	24.68	500.00	100.0	H	359.00	5
12690.00	---	28.25	54.00	25.75	500.00	200.0	H	68.00	5
13731.25	39.30	--	68.20	28.90	500.00	200.0	H	205.00	5
15331.25	42.40	--	68.20	25.80	500.00	200.0	H	20.00	6
15722.50	---	33.96	54.00	20.04	500.00	200.0	V	70.00	7
17700.00	48.74	--	68.20	19.46	500.00	200.0	V	267.00	13
17845.00	---	40.97	54.00	13.03	500.00	100.0	H	304.00	15

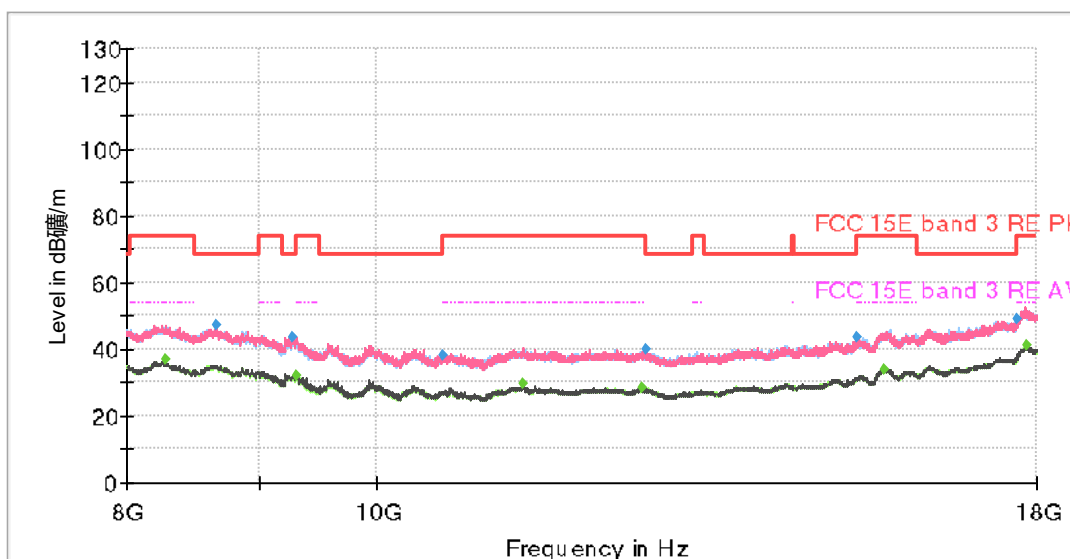
802.11a CH165



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

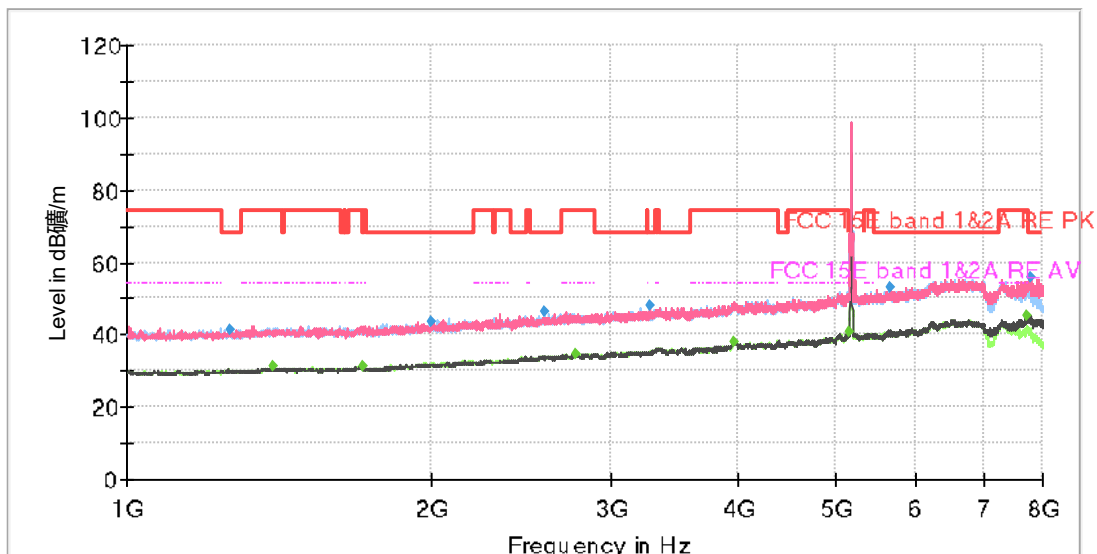
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1294.88	41.46	---	68.20	26.74	500.00	200.0	H	201.00	-11
1384.13	---	30.89	54.00	23.11	500.00	100.0	V	358.00	-11
1705.25	---	31.20	54.00	22.80	500.00	200.0	V	0.00	-10
1953.75	43.51	---	68.20	24.69	500.00	200.0	H	341.00	-8
2467.38	45.90	---	68.20	22.30	500.00	200.0	V	288.00	-6
2778.88	---	34.82	54.00	19.18	500.00	200.0	V	74.00	-5
3582.13	48.53	---	68.20	19.67	500.00	100.0	V	284.00	-4
3963.63	---	38.49	54.00	15.51	500.00	100.0	V	349.00	-1
5350.50	---	40.26	54.00	13.74	500.00	200.0	H	20.00	2
5647.13	52.18	---	68.20	16.02	500.00	100.0	H	51.00	3
6801.25	55.75	---	68.20	12.45	500.00	100.0	V	243.00	8
7293.00	---	43.59	54.00	10.41	500.00	100.0	H	287.00	10



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8287.50	---	37.16	54.00	16.84	500.00	100.0	V	55.00	1
8665.00	46.92	--	68.20	21.28	500.00	100.0	V	19.00	2
9267.50	43.41	--	68.20	24.79	500.00	200.0	H	110.00	2
9308.75	---	32.29	54.00	21.71	500.00	100.0	V	280.00	1
10600.00	38.37	--	68.20	29.83	500.00	100.0	H	314.00	3
11381.25	---	29.47	54.00	24.53	500.00	100.0	V	19.00	5
12662.50	---	28.40	54.00	25.60	500.00	100.0	H	246.00	5
12710.00	40.04	--	68.20	28.16	500.00	100.0	V	295.00	5
15348.75	43.34	--	68.20	24.86	500.00	200.0	V	277.00	6
15717.50	---	34.15	54.00	19.85	500.00	100.0	H	359.00	7
17675.00	48.82	--	68.20	19.38	500.00	100.0	V	0.00	13
17835.00	---	40.82	54.00	13.18	500.00	100.0	V	141.00	15

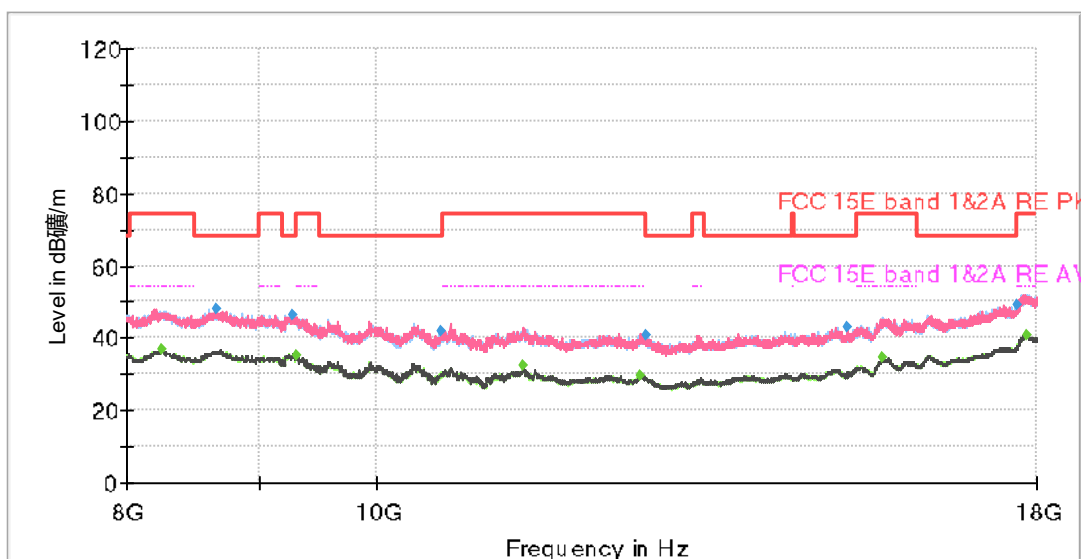
802.11n (HT20) CH36



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

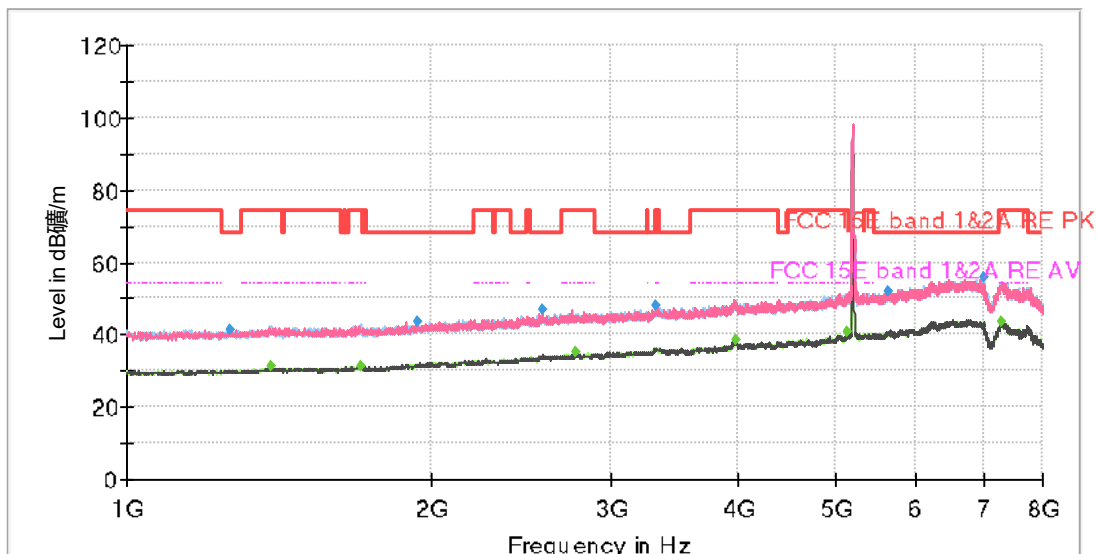
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1263.38	41.52	---	68.20	26.68	500.00	100.0	V	187.00	-11
1394.63	---	31.14	54.00	22.86	500.00	100.0	H	0.00	-11
1707.88	---	31.24	54.00	22.76	500.00	100.0	H	317.00	-10
1997.50	43.61	---	68.20	24.59	500.00	100.0	H	104.00	-8
2584.63	46.35	---	68.20	21.85	500.00	100.0	H	4.00	-5
2771.00	---	34.88	54.00	19.12	500.00	200.0	H	0.00	-5
3274.13	47.90	---	68.20	20.30	500.00	100.0	V	335.00	-4
3978.50	---	38.21	54.00	15.79	500.00	200.0	V	1.00	-1
5147.50	---	40.63	54.00	13.37	500.00	100.0	V	0.00	2
5649.75	52.97	---	68.20	15.23	500.00	100.0	V	310.00	3
7730.50	---	45.27	54.00	8.73	500.00	100.0	V	0.00	11
7778.63	55.56	---	68.20	12.64	500.00	100.0	V	0.00	11



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8258.75	---	36.91	54.00	17.09	500.00	100.0	V	0.00	1
8663.75	47.93	--	68.20	20.27	500.00	100.0	H	3.00	2
9268.75	46.46	--	68.20	21.74	500.00	100.0	H	110.00	2
9308.75	---	35.15	54.00	18.85	500.00	100.0	V	185.00	1
10592.50	41.96	--	68.20	26.24	500.00	100.0	V	0.00	3
11381.25	---	32.43	54.00	21.57	500.00	100.0	V	219.00	5
12643.75	---	29.78	54.00	24.22	500.00	200.0	H	346.00	5
12706.25	40.94	--	68.20	27.26	500.00	100.0	H	247.00	5
15203.75	43.11	--	68.20	25.09	500.00	100.0	V	357.00	6
15686.25	---	34.42	54.00	19.58	500.00	200.0	H	355.00	7
17695.00	49.30	--	68.20	18.90	500.00	100.0	V	265.00	13
17830.00	---	40.92	54.00	13.08	500.00	100.0	V	305.00	15

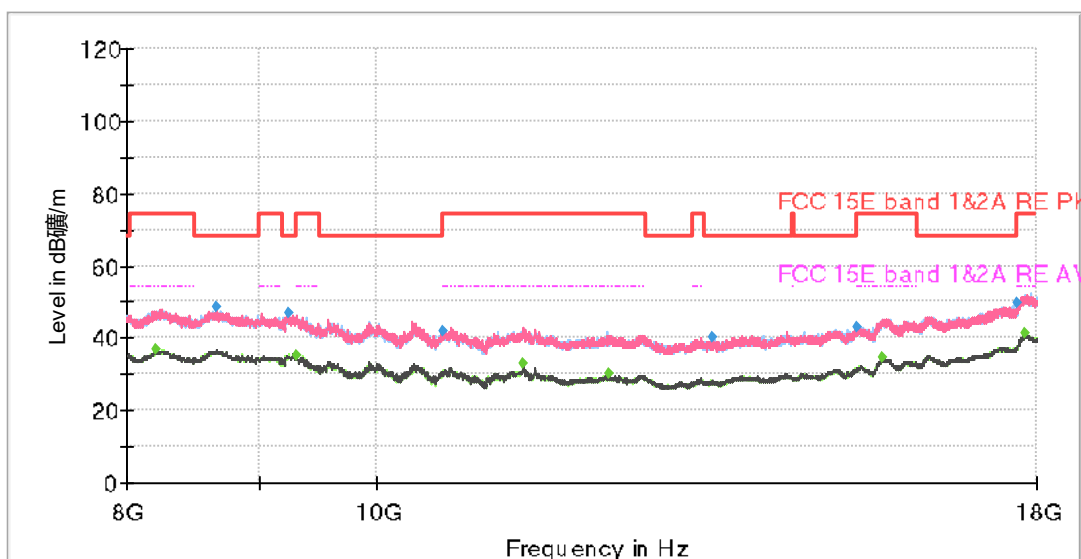
802.11n (HT20) CH40



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

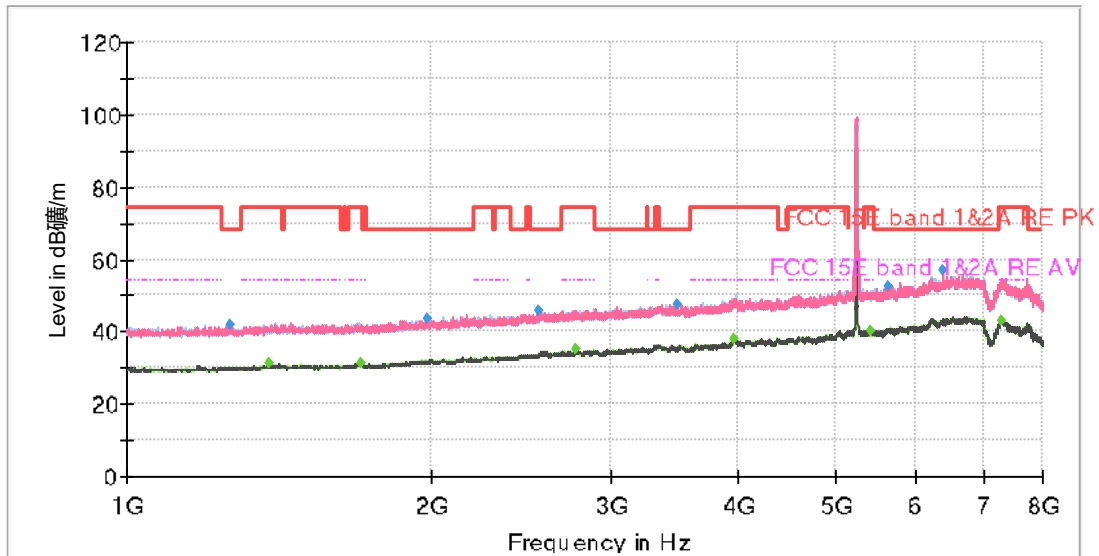
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1262.50	41.57	---	68.20	26.63	500.00	200.0	V	14.00	-11
1386.75	---	31.06	54.00	22.94	500.00	200.0	V	229.00	-11
1700.88	---	31.31	54.00	22.69	500.00	100.0	H	302.00	-10
1931.88	43.46	---	68.20	24.74	500.00	100.0	H	19.00	-9
2571.50	46.71	---	68.20	21.49	500.00	200.0	V	129.00	-5
2778.00	---	34.95	54.00	19.05	500.00	100.0	V	356.00	-5
3327.50	47.90	---	68.20	20.30	500.00	200.0	H	32.00	-3
3984.63	---	38.40	54.00	15.60	500.00	200.0	H	161.00	-1
5141.38	---	40.65	54.00	13.35	500.00	100.0	V	0.00	1
5626.13	51.93	---	68.20	16.27	500.00	200.0	H	118.00	3
6996.38	55.74	---	68.20	12.46	500.00	200.0	H	353.00	8
7290.38	---	43.36	54.00	10.64	500.00	200.0	V	1.00	10



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8207.50	---	36.85	54.00	17.15	500.00	100.0	V	2.00	1
8667.50	48.49	--	68.20	19.71	500.00	200.0	V	107.00	2
9242.50	46.61	--	68.20	21.59	500.00	200.0	V	150.00	2
9308.75	---	35.18	54.00	18.82	500.00	200.0	H	285.00	1
10598.75	41.99	--	68.20	26.21	500.00	200.0	V	3.00	3
11381.25	---	32.79	54.00	21.21	500.00	200.0	V	10.00	5
12296.25	---	30.04	54.00	23.96	500.00	100.0	V	310.00	6
13490.00	40.38	--	68.20	27.82	500.00	100.0	H	179.00	5
15335.00	43.24	--	68.20	24.96	500.00	200.0	H	358.00	6
15693.75	---	34.66	54.00	19.34	500.00	100.0	V	21.00	7
17700.00	49.55	--	68.20	18.65	500.00	100.0	H	3.00	13
17826.25	---	41.09	54.00	12.91	500.00	200.0	V	7.00	15

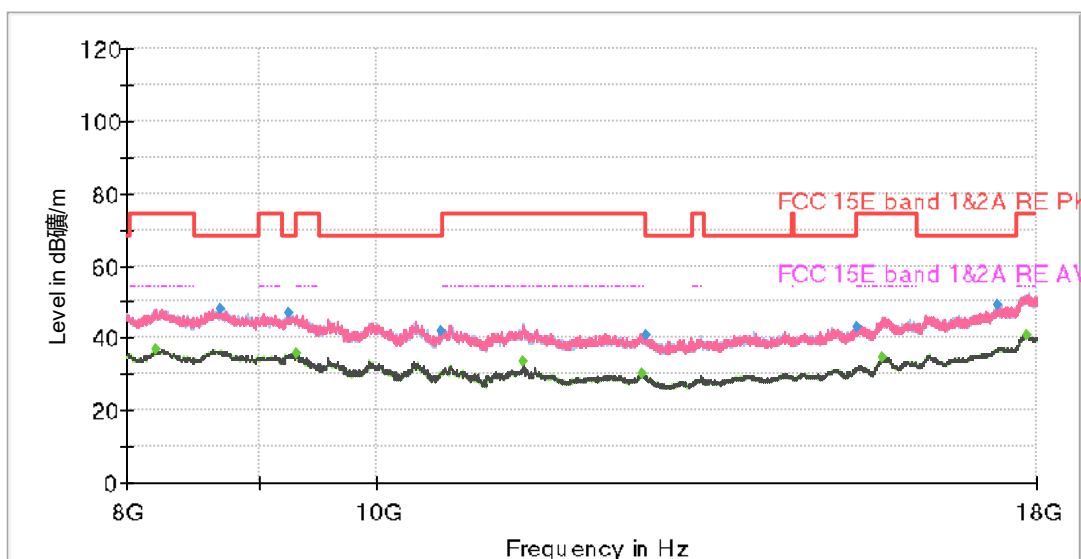
802.11n (HT20) CH48



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

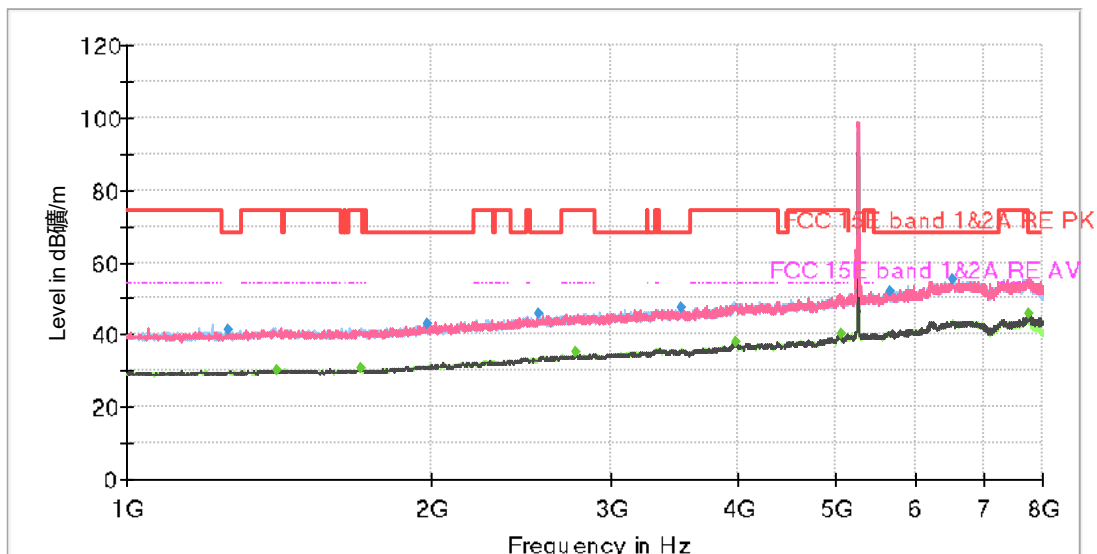
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1265.13	42.03	---	68.20	26.17	500.00	200.0	V	5.00	-11
1384.13	---	31.10	54.00	22.90	500.00	100.0	H	312.00	-11
1703.50	---	31.20	54.00	22.80	500.00	200.0	V	256.00	-10
1981.75	43.68	---	68.20	24.52	500.00	200.0	H	0.00	-8
2553.13	45.81	---	68.20	22.39	500.00	100.0	H	23.00	-5
2778.00	---	34.92	54.00	19.08	500.00	200.0	H	301.00	-5
3494.63	47.69	---	68.20	20.51	500.00	200.0	V	100.00	-4
3965.38	---	38.00	54.00	16.00	500.00	100.0	V	72.00	-1
5413.50	---	40.42	54.00	13.58	500.00	100.0	V	144.00	2
5624.38	52.24	---	68.20	15.96	500.00	100.0	V	352.00	3
6376.00	56.68	---	68.20	11.52	500.00	200.0	V	73.00	7
7289.50	---	43.20	54.00	10.80	500.00	100.0	H	23.00	10



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8205.00	---	36.82	54.00	17.18	500.00	100.0	H	33.00	1
8700.00	47.97	--	68.20	20.23	500.00	200.0	V	218.00	2
9245.00	46.99	--	68.20	21.21	500.00	100.0	H	19.00	2
9305.00	---	35.82	54.00	18.18	500.00	100.0	V	1.00	1
10592.50	41.87	--	68.20	26.33	500.00	200.0	H	309.00	3
11381.25	---	33.61	54.00	20.39	500.00	200.0	H	140.00	5
12672.50	---	30.28	54.00	23.72	500.00	100.0	V	139.00	5
12701.25	40.84	--	68.20	27.36	500.00	200.0	H	0.00	5
15346.25	43.07	--	68.20	25.13	500.00	200.0	V	68.00	6
15680.00	---	34.55	54.00	19.45	500.00	200.0	V	359.00	7
17378.75	49.25	--	68.20	18.95	500.00	200.0	H	351.00	11
17831.25	---	40.9	54.00	13.10	500.00	100.0	V	352.00	15

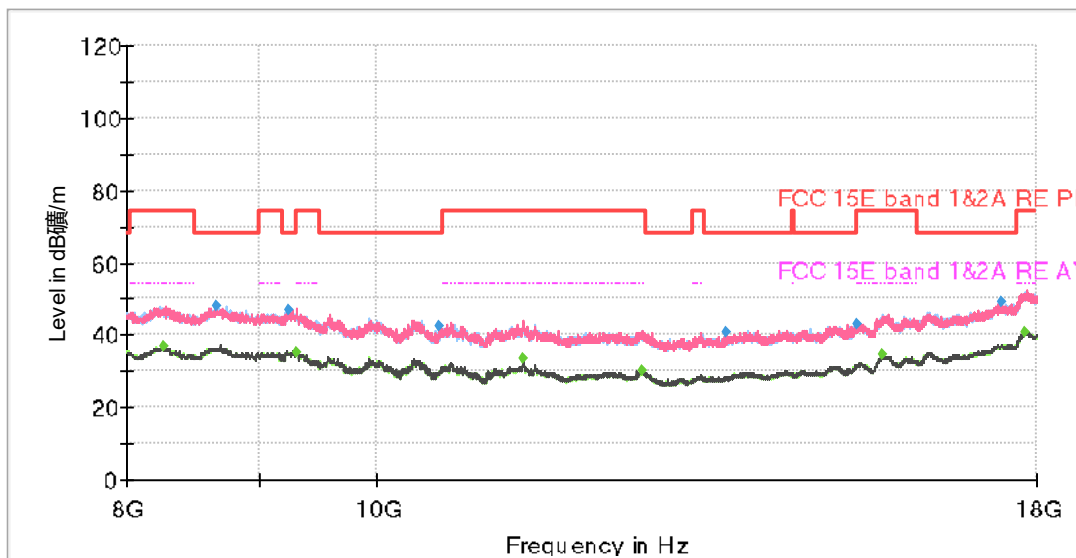
802.11n (HT20) CH52



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

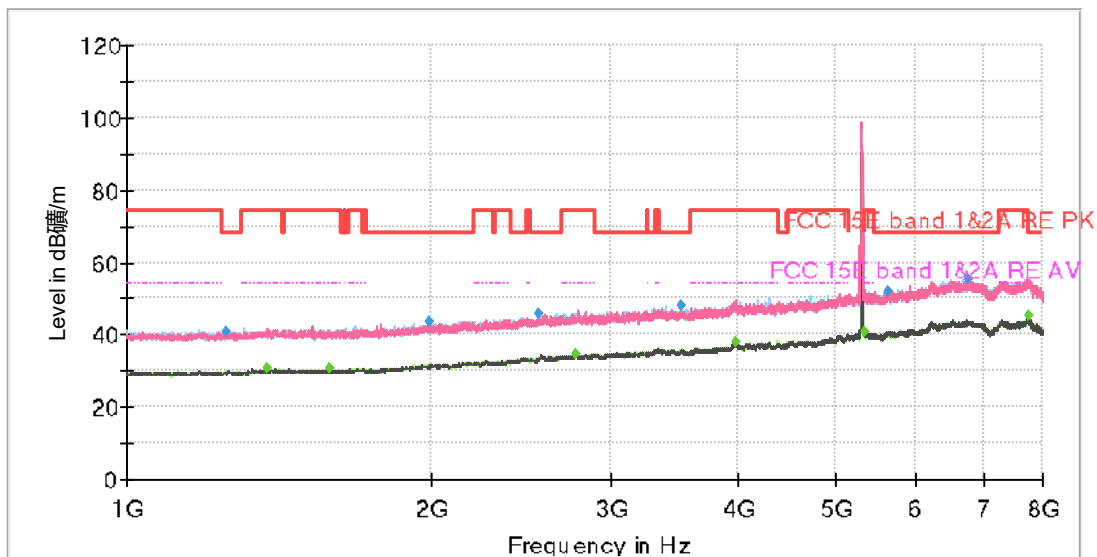
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1260.75	41.28	---	68.20	26.92	500.00	200.0	V	355.00	-11
1405.13	---	30.41	54.00	23.59	500.00	200.0	V	0.00	-11
1700.00	---	30.75	54.00	23.25	500.00	200.0	V	1.00	-10
1979.13	43.17	---	68.20	25.03	500.00	100.0	V	336.00	-8
2552.25	45.63	---	68.20	22.57	500.00	100.0	H	339.00	-5
2778.00	---	35.14	54.00	18.86	500.00	100.0	H	355.00	-5
3516.50	47.45	---	68.20	20.75	500.00	100.0	V	355.00	-3
3979.38	---	38.09	54.00	15.91	500.00	200.0	V	1.00	-1
5056.50	---	40.19	54.00	13.81	500.00	200.0	H	355.00	1
5650.63	51.93	---	68.20	16.27	500.00	100.0	V	202.00	3
6534.38	55.27	---	68.20	12.93	500.00	100.0	H	100.00	7
7744.50	---	45.63	54.00	8.37	500.00	100.0	V	0.00	11



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8270.00	---	36.68	54.00	17.32	500.00	100.0	V	209.00	1
8667.50	48.15	--	68.20	20.05	500.00	100.0	V	224.00	2
9243.75	47.01	--	68.20	21.19	500.00	200.0	V	195.00	2
9306.25	---	35.29	54.00	18.71	500.00	100.0	H	0.00	1
10576.25	42.32	--	68.20	25.88	500.00	200.0	V	76.00	3
11381.25	---	33.31	54.00	20.69	500.00	200.0	V	210.00	5
12670.00	---	30.23	54.00	23.77	500.00	200.0	V	195.00	5
13657.50	40.85	--	68.20	27.35	500.00	100.0	V	48.00	5
15323.75	43.16	--	68.20	25.04	500.00	100.0	H	0.00	6
15695.00	---	34.57	54.00	19.43	500.00	200.0	V	150.00	7
17442.50	49.12	--	68.20	19.08	500.00	200.0	H	279.00	12
17800.00	---	40.97	54.00	13.03	500.00	200.0	H	353.00	15

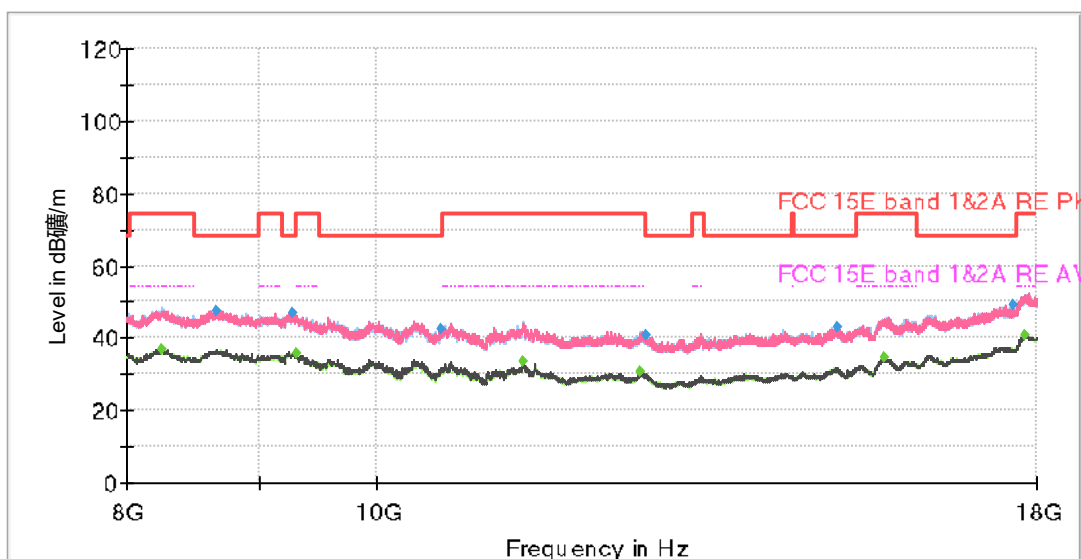
802.11n (HT20) CH60



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

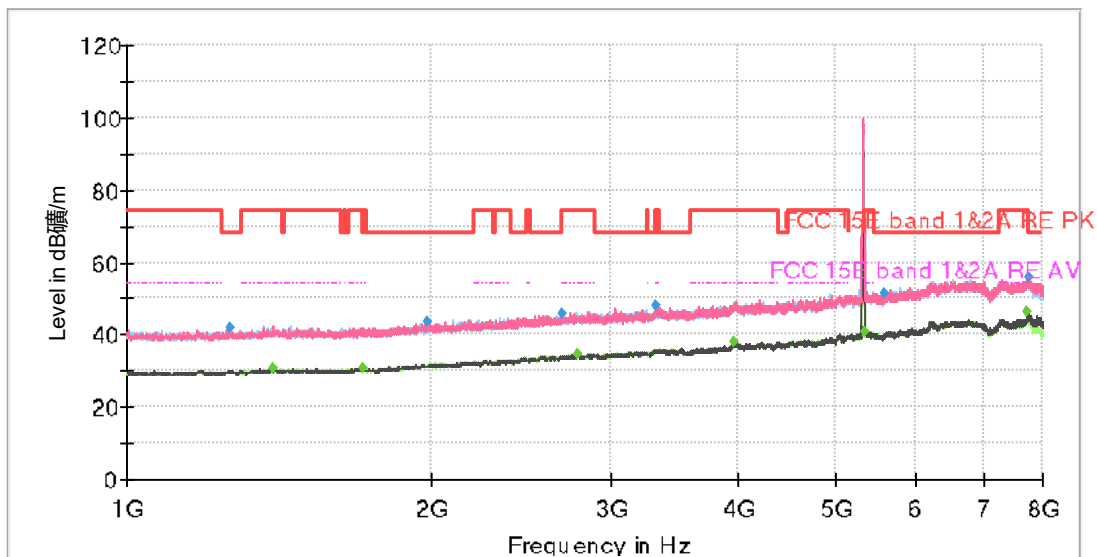
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1256.38	40.87	---	68.20	27.33	500.00	100.0	H	263.00	-12
1374.50	---	30.68	54.00	23.32	500.00	200.0	V	11.00	-11
1586.25	---	30.71	54.00	23.29	500.00	100.0	H	0.00	-11
1987.88	43.68	---	68.20	24.52	500.00	200.0	V	11.00	-8
2548.75	45.68	---	68.20	22.52	500.00	200.0	V	121.00	-6
2773.63	---	34.51	54.00	19.49	500.00	200.0	V	136.00	-5
3516.50	48.17	---	68.20	20.03	500.00	100.0	H	162.00	-3
3988.13	---	37.73	54.00	16.27	500.00	200.0	V	6.00	-1
5353.13	---	40.79	54.00	13.21	500.00	100.0	V	356.00	2
5637.50	51.85	---	68.20	16.35	500.00	100.0	V	304.00	3
6758.38	55.41	---	68.20	12.79	500.00	200.0	H	354.00	8
7746.25	---	44.95	54.00	9.05	500.00	100.0	H	354.00	11



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)
8251.25	---	36.80	54.00	17.20	500.00	100.0	H	25.00	1
8665.00	47.68	--	68.20	20.52	500.00	100.0	V	274.00	2
9272.50	46.99	--	68.20	21.21	500.00	200.0	V	30.00	2
9307.50	---	35.52	54.00	18.48	500.00	200.0	V	4.00	1
10590.00	42.52	--	68.20	25.68	500.00	100.0	V	330.00	3
11381.25	---	33.54	54.00	20.46	500.00	100.0	V	65.00	5
12637.50	---	30.60	54.00	23.40	500.00	100.0	V	0.00	5
12701.25	40.84	--	68.20	27.36	500.00	100.0	H	248.00	5
15073.75	42.91	--	68.20	25.29	500.00	200.0	V	173.00	6
15702.50	---	34.59	54.00	19.41	500.00	100.0	H	9.00	7
17623.75	49.17	--	68.20	19.03	500.00	100.0	H	42.00	13
17825.00	---	41.01	54.00	12.99	500.00	200.0	H	303.00	15

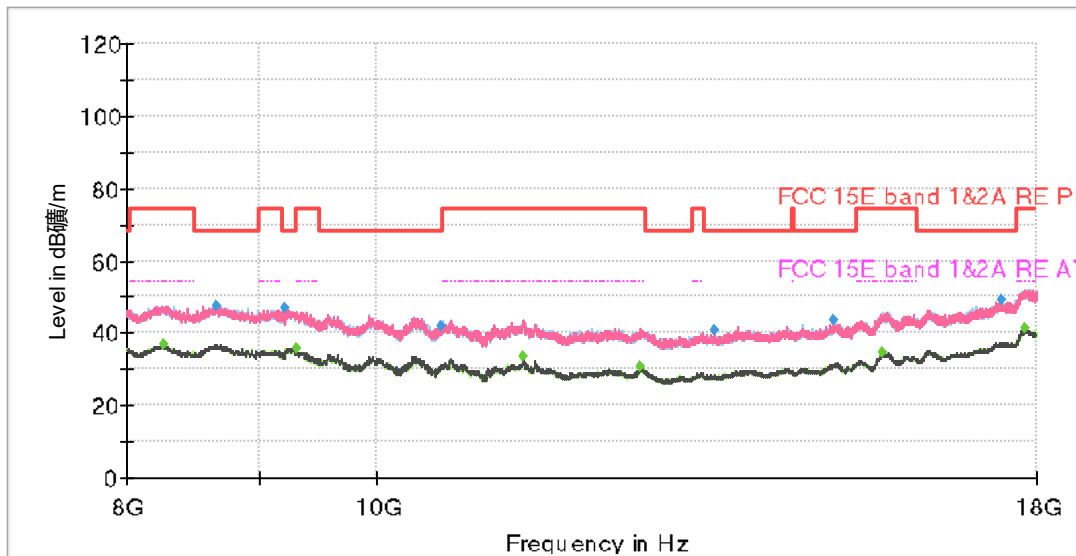
802.11n (HT20) CH64



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

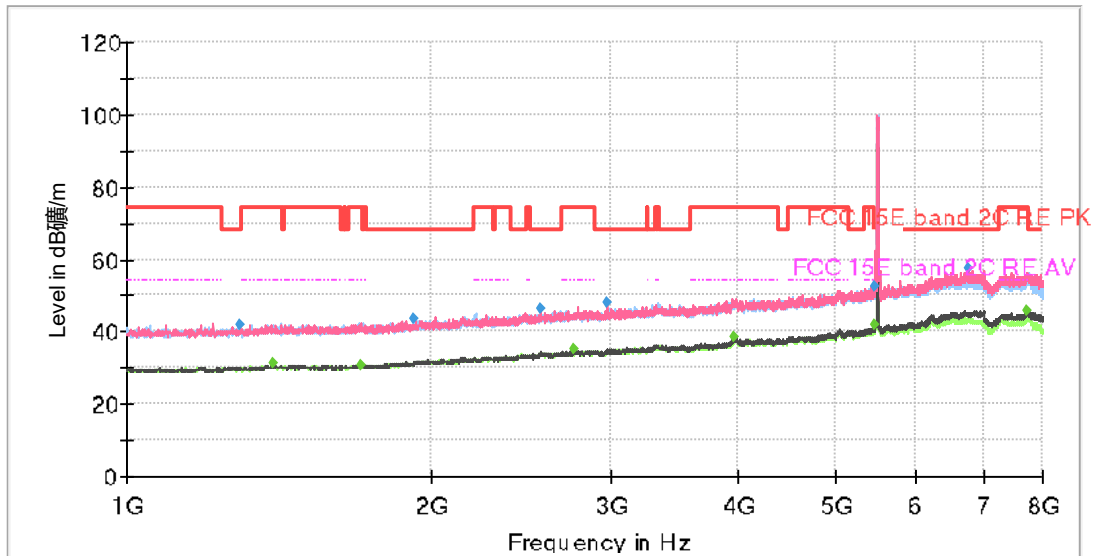
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1266.00	42.06	---	68.20	26.14	500.00	100.0	H	18.00	-11
1395.50	---	30.76	54.00	23.24	500.00	100.0	H	49.00	-11
1708.75	---	30.85	54.00	23.15	500.00	200.0	V	3.00	-10
1982.63	43.47	---	68.20	24.73	500.00	200.0	H	299.00	-8
2686.13	45.71	---	68.20	22.49	500.00	100.0	H	273.00	-5
2783.25	---	34.83	54.00	19.17	500.00	200.0	V	0.00	-5
3323.13	48.19	---	68.20	20.01	500.00	100.0	V	351.00	-3
3962.75	---	38.11	54.00	15.89	500.00	200.0	V	187.00	-1
5353.13	---	40.79	54.00	13.21	500.00	100.0	V	102.00	2
5584.13	51.56	---	68.20	16.64	500.00	100.0	V	289.00	2
7737.50	---	46.15	54.00	7.85	500.00	100.0	V	0.00	11
7764.63	55.77	---	68.20	12.43	500.00	100.0	V	0.00	11



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8262.50	---	37.04	54.00	16.96	500.00	200.0	V	328.00	1
8670.00	47.60	--	68.20	20.60	500.00	100.0	H	37.00	2
9217.50	46.64	--	68.20	21.56	500.00	100.0	H	211.00	1
9306.25	---	35.68	54.00	18.32	500.00	200.0	V	66.00	1
10588.75	42.09	--	68.20	26.11	500.00	200.0	H	355.00	3
11381.25	---	33.41	54.00	20.59	500.00	200.0	H	358.00	5
12650.00	---	30.44	54.00	23.56	500.00	200.0	V	210.00	5
13506.25	40.73	--	68.20	27.47	500.00	200.0	V	6.00	5
15031.25	43.39	--	68.20	24.81	500.00	200.0	H	340.00	6
15700.00	---	34.57	54.00	19.43	500.00	200.0	H	149.00	7
17447.50	49.25	--	68.20	18.95	500.00	100.0	V	299.00	12
17815.00	---	41.09	54.00	12.91	500.00	200.0	V	45.00	15

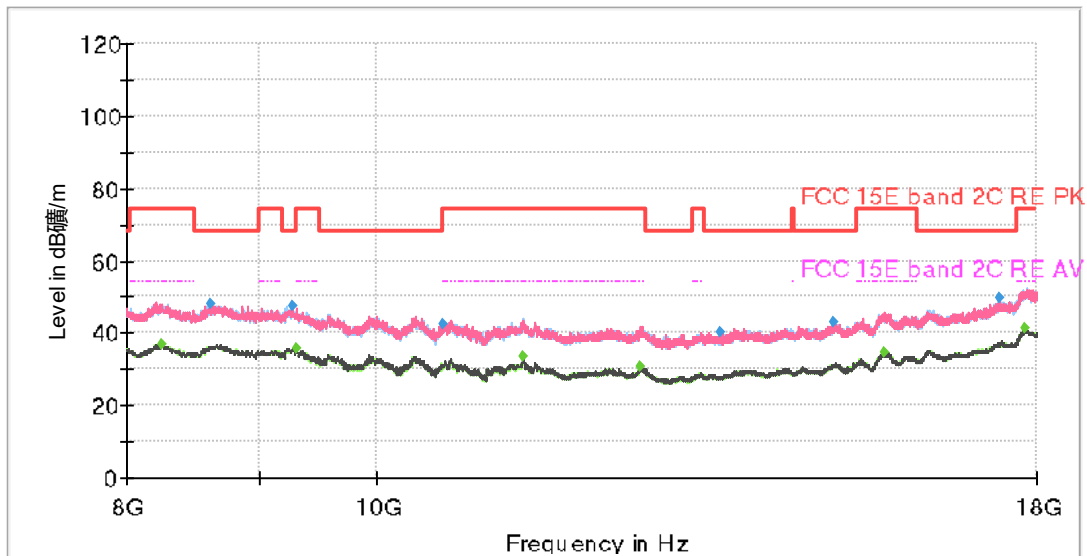
802.11n (HT20) CH100



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

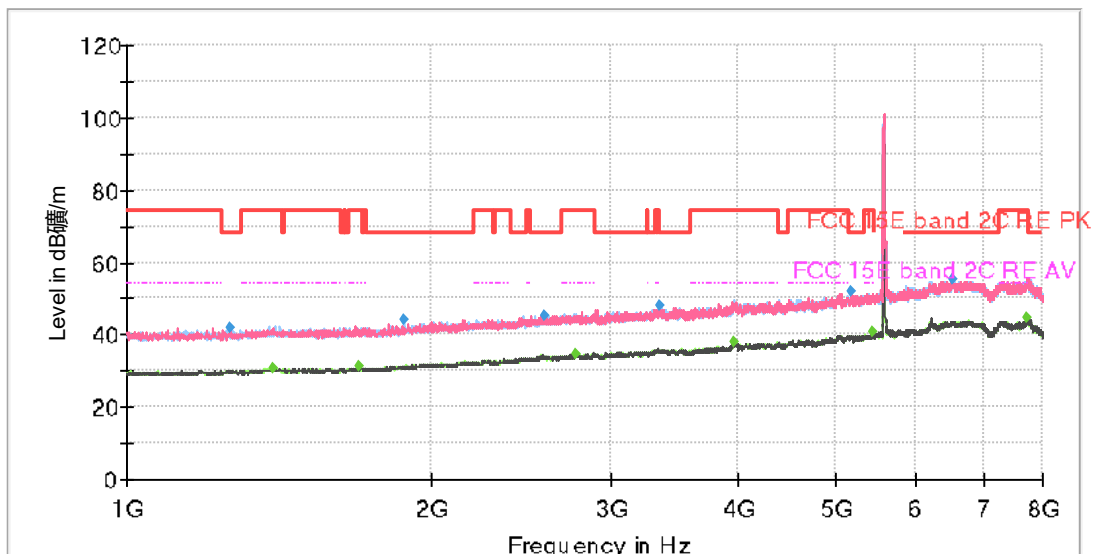
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1292.25	41.99	---	68.20	26.21	500.00	200.0	V	258.00	-11
1395.50	---	31.06	54.00	22.94	500.00	100.0	V	0.00	-11
1705.25	---	30.94	54.00	23.06	500.00	200.0	H	45.00	-10
1920.50	43.32	---	68.20	24.88	500.00	200.0	H	337.00	-9
2564.50	46.48	---	68.20	21.72	500.00	200.0	V	2.00	-5
2759.63	---	34.94	54.00	19.06	500.00	100.0	V	0.00	-5
2974.00	47.74	---	68.20	20.46	500.00	100.0	V	356.00	-4
3962.75	---	38.55	54.00	15.45	500.00	100.0	V	0.00	-1
5454.63	---	41.65	54.00	12.35	500.00	100.0	V	0.00	2
5469.50	52.30	---	68.20	15.90	500.00	100.0	H	48.00	2
6747.88	57.60	---	68.20	10.60	500.00	100.0	V	319.00	8
7729.63	---	45.96	54.00	8.04	500.00	100.0	V	0.00	11



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8255.00	---	37.08	54.00	16.92	500.00	100.0	V	323.00	1
8626.25	47.84	--	68.20	20.36	500.00	100.0	V	303.00	1
9278.75	47.47	--	68.20	20.73	500.00	100.0	V	139.00	1
9305.00	---	35.74	54.00	18.26	500.00	200.0	V	189.00	1
10597.50	42.56	--	68.20	25.64	500.00	100.0	H	297.00	3
11381.25	---	33.38	54.00	20.62	500.00	100.0	V	216.00	5
12647.50	---	30.44	54.00	23.56	500.00	100.0	H	8.00	5
13575.00	40.39	--	68.20	27.81	500.00	100.0	H	69.00	5
15032.50	43.10	--	68.20	25.10	500.00	200.0	V	174.00	6
15715.00	---	34.43	54.00	19.57	500.00	100.0	V	0.00	7
17405.00	49.46	--	68.20	18.74	500.00	200.0	H	323.00	11
17802.50	---	41.05	54.00	12.95	500.00	200.0	V	295.00	15

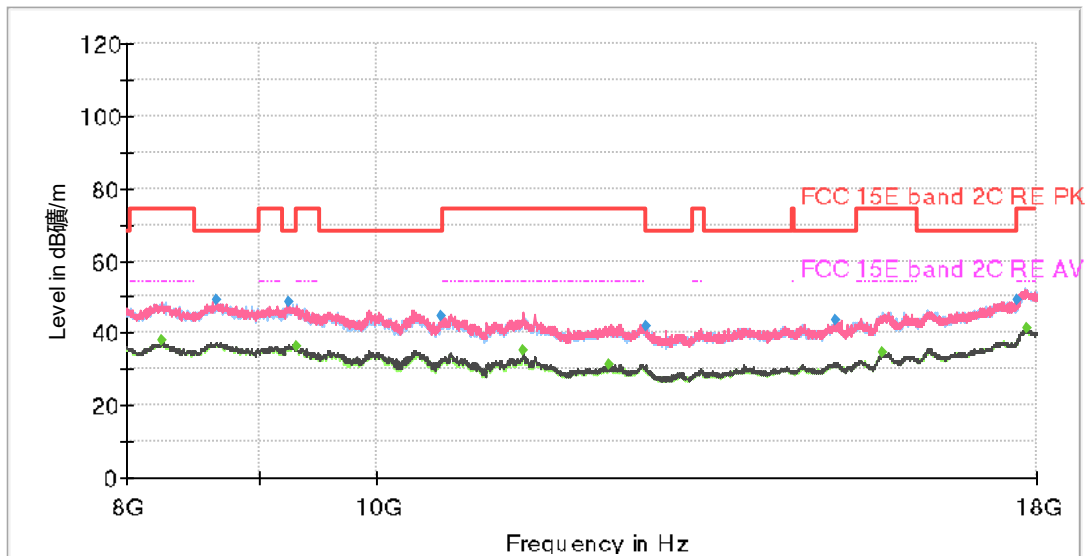
802.11n (HT20) CH116



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

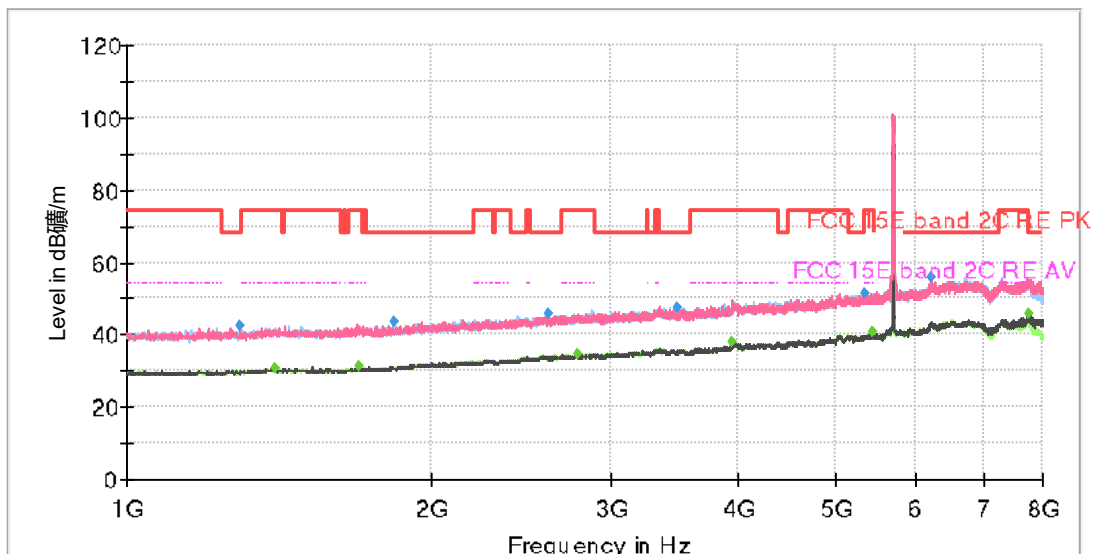
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1265.13	41.93	---	68.20	26.27	500.00	100.0	V	258.00	-11
1392.88	---	30.77	54.00	23.23	500.00	200.0	H	308.00	-11
1696.50	---	31.02	54.00	22.98	500.00	200.0	H	318.00	-10
1875.00	43.90	---	68.20	24.30	500.00	100.0	H	1.00	-9
2586.38	45.47	---	68.20	22.73	500.00	100.0	H	228.00	-5
2778.00	---	34.76	54.00	19.24	500.00	200.0	V	98.00	-5
3359.00	47.86	---	68.20	20.34	500.00	200.0	H	59.00	-3
3968.88	---	38.00	54.00	16.00	500.00	100.0	V	92.00	-1
5189.50	51.65	---	68.20	16.55	500.00	200.0	V	17.00	2
5451.13	---	40.56	54.00	13.44	500.00	100.0	V	357.00	2
6511.63	55.08	---	68.20	13.12	500.00	200.0	V	31.00	7
7724.38	---	44.49	54.00	9.51	500.00	200.0	V	113.00	11



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8253.75	---	37.68	54.00	16.32	500.00	100.0	V	359.00	1
8668.75	49.03	--	68.20	19.17	500.00	200.0	V	3.00	2
9245.00	48.50	--	68.20	19.70	500.00	100.0	V	359.00	2
9311.25	---	36.11	54.00	17.89	500.00	100.0	V	297.00	1
10593.75	44.45	--	68.20	23.75	500.00	100.0	V	22.00	3
11381.25	---	35.21	54.00	18.79	500.00	100.0	V	64.00	5
12292.50	---	31.40	54.00	22.60	500.00	100.0	V	0.00	6
12703.75	41.68	--	68.20	26.52	500.00	100.0	V	348.00	5
15038.75	43.42	--	68.20	24.78	500.00	200.0	H	48.00	6
15688.75	---	34.47	54.00	19.53	500.00	100.0	H	1.00	7
17700.00	49.10	--	68.20	19.10	500.00	100.0	V	123.00	13
17836.25	---	41.05	54.00	12.95	500.00	200.0	H	110.00	15

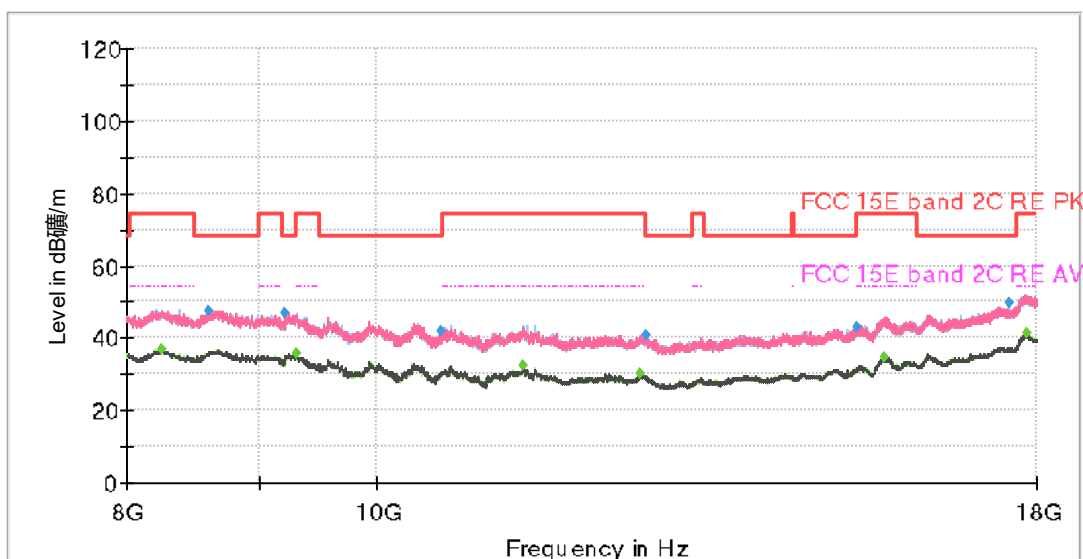
802.11n (HT20) CH140



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

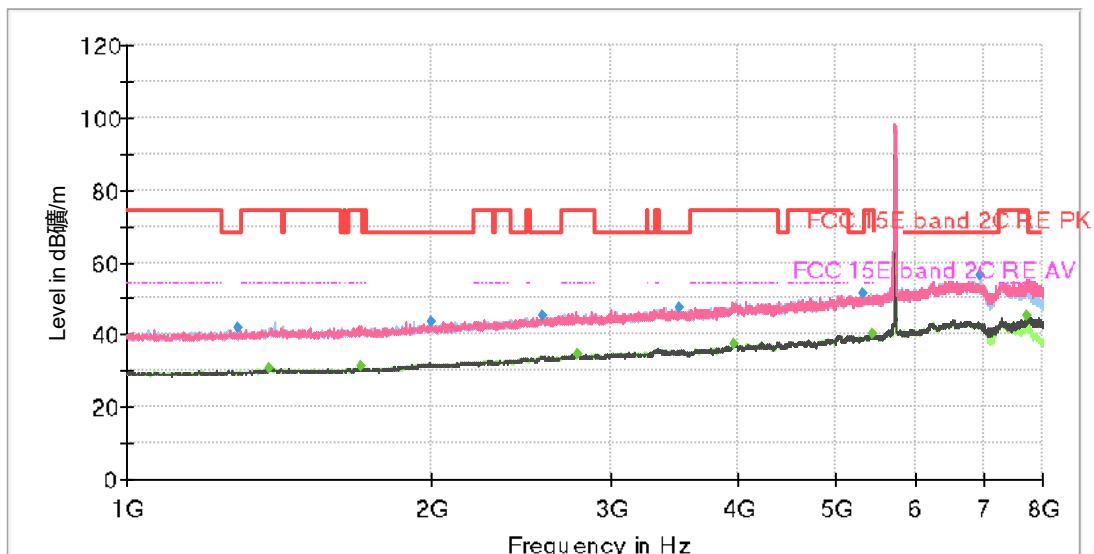
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1293.13	42.25	---	68.20	25.95	500.00	100.0	V	246.00	-11
1398.13	---	30.79	54.00	23.21	500.00	100.0	V	301.00	-11
1694.75	---	31.14	54.00	22.86	500.00	100.0	V	205.00	-10
1833.88	43.57	---	68.20	24.63	500.00	100.0	H	40.00	-9
2607.38	45.75	---	68.20	22.45	500.00	200.0	V	140.00	-6
2779.75	---	34.84	54.00	19.16	500.00	200.0	H	356.00	-5
3485.00	47.47	---	68.20	20.73	500.00	100.0	V	312.00	-4
3961.00	---	37.88	54.00	16.12	500.00	200.0	H	0.00	-1
5347.00	51.31	---	68.20	16.89	500.00	100.0	H	9.00	2
5437.13	---	40.47	54.00	13.53	500.00	100.0	H	13.00	2
6213.25	55.56	---	68.20	12.64	500.00	100.0	V	356.00	6
7740.13	---	45.95	54.00	8.05	500.00	100.0	V	0.00	11



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8251.25	---	36.79	54.00	17.21	500.00	100.0	V	213.00	1
8611.25	47.63	--	68.20	20.57	500.00	100.0	H	14.00	1
9218.75	46.78	--	68.20	21.42	500.00	200.0	H	352.00	2
9308.75	---	35.75	54.00	18.25	500.00	100.0	H	0.00	1
10595.00	41.66	--	68.20	26.54	500.00	100.0	H	20.00	3
11382.50	---	32.63	54.00	21.37	500.00	100.0	V	352.00	5
12645.00	---	30.09	54.00	23.91	500.00	200.0	H	338.00	5
12701.25	40.49	--	68.20	27.71	500.00	200.0	V	174.00	5
15336.25	43.17	--	68.20	25.03	500.00	100.0	V	352.00	6
15706.25	---	34.35	54.00	19.65	500.00	200.0	V	5.00	7
17562.50	49.70	--	68.20	18.50	500.00	100.0	H	0.00	12
17835.00	---	41.08	54.00	12.92	500.00	200.0	V	2.00	15

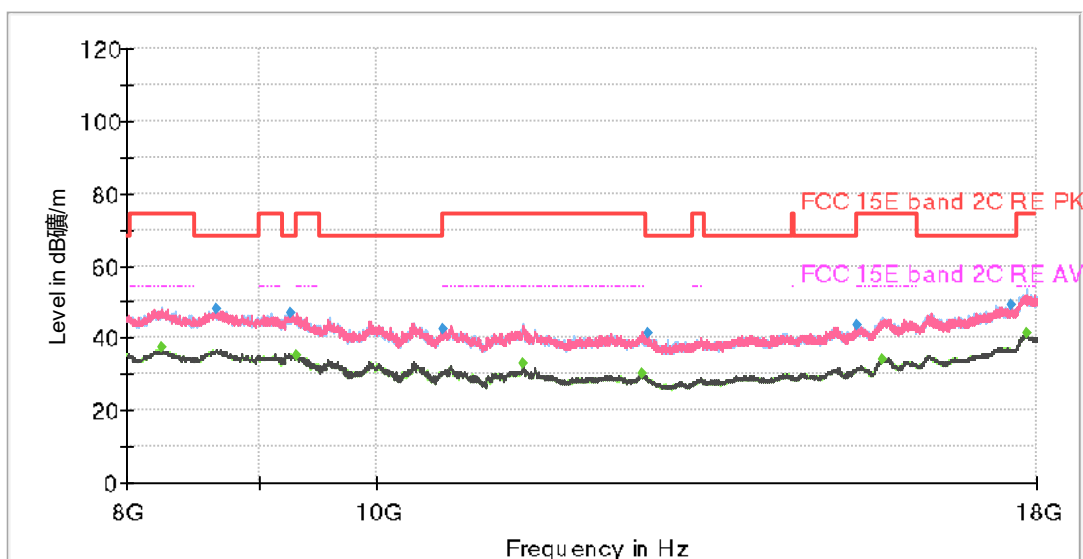
802.11n (HT20) CH144



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

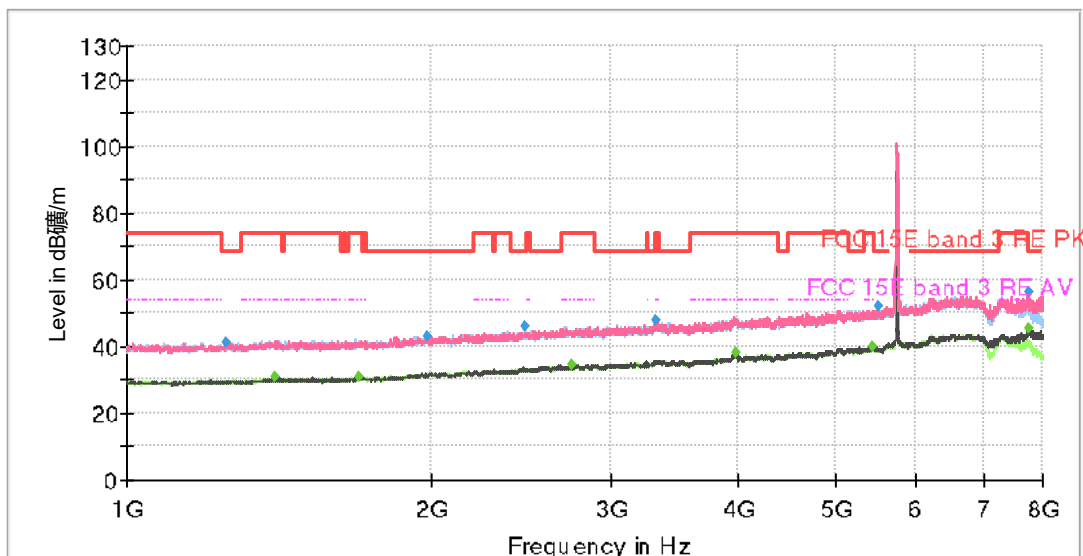
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1289.63	41.74	---	68.20	26.46	500.00	200.0	H	236.00	-11
1384.13	---	30.68	54.00	23.32	500.00	200.0	H	107.00	-11
1700.88	---	31.07	54.00	22.93	500.00	100.0	H	3.00	-10
1996.63	43.49	---	68.20	24.71	500.00	200.0	V	28.00	-8
2571.50	45.26	---	68.20	22.94	500.00	200.0	V	8.00	-5
2784.13	---	34.59	54.00	19.41	500.00	100.0	V	248.00	-5
3513.00	47.58	---	68.20	20.62	500.00	200.0	H	358.00	-3
3967.13	---	37.64	54.00	16.36	500.00	100.0	H	259.00	-1
5323.38	51.25	---	68.20	16.95	500.00	200.0	H	279.00	2
5437.13	---	40.04	54.00	13.96	500.00	100.0	V	357.00	2
6957.00	56.52	---	68.20	11.68	500.00	100.0	H	26.00	8
7721.75	---	45.22	54.00	8.78	500.00	100.0	V	0.00	11



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8256.25	---	37.25	54.00	16.75	500.00	100.0	H	16.00	1
8665.00	48.09	--	68.20	20.11	500.00	100.0	H	22.00	2
9255.00	46.93	--	68.20	21.27	500.00	100.0	V	359.00	2
9301.25	---	35.42	54.00	18.58	500.00	200.0	H	232.00	1
10596.25	42.47	--	68.20	25.73	500.00	100.0	V	304.00	3
11381.25	---	33.13	54.00	20.87	500.00	200.0	V	359.00	5
12660.00	---	29.93	54.00	24.07	500.00	200.0	H	350.00	5
12732.50	41.47	--	68.20	26.73	500.00	200.0	V	0.00	5
15346.25	43.77	--	68.20	24.43	500.00	100.0	V	0.00	6
15700.00	---	34.28	54.00	19.72	500.00	200.0	V	14.00	7
17591.25	49.16	--	68.20	19.04	500.00	200.0	V	75.00	12
17842.50	---	41.02	54.00	12.98	500.00	200.0	V	14.00	15

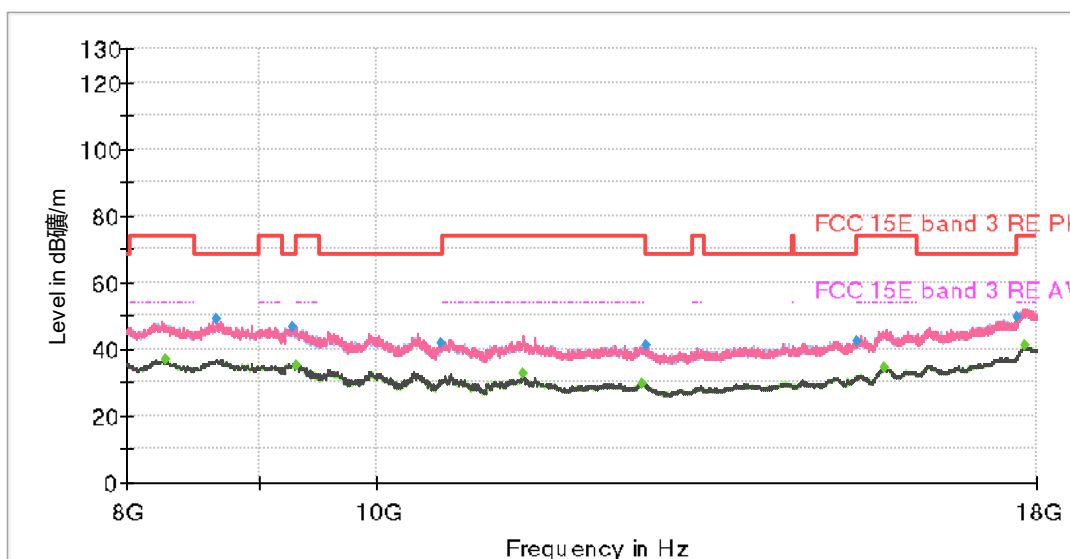
802.11n (HT20) CH149



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

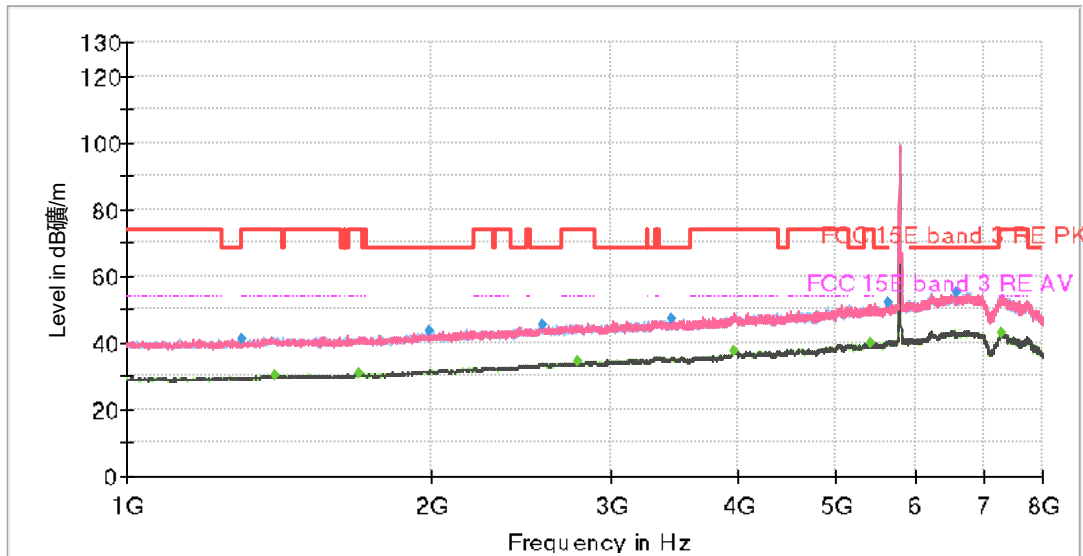
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1253.75	41.25	---	68.20	26.95	500.00	200.0	H	95.00	-12
1402.50	---	30.66	54.00	23.34	500.00	100.0	V	3.00	-11
1695.63	---	30.98	54.00	23.02	500.00	100.0	V	0.00	-10
1976.50	43.11	---	68.20	25.09	500.00	200.0	H	0.00	-8
2470.88	45.86	---	68.20	22.34	500.00	100.0	H	324.00	-6
2742.13	---	34.62	54.00	19.38	500.00	100.0	V	49.00	-5
3324.00	47.88	---	68.20	20.32	500.00	100.0	V	0.00	-3
3989.00	---	37.84	54.00	16.16	500.00	100.0	V	87.00	-1
5439.75	---	39.96	54.00	14.04	500.00	200.0	V	143.00	2
5516.75	51.79	---	68.20	16.41	500.00	200.0	V	288.00	2
7743.63	---	45.23	54.00	8.77	500.00	100.0	V	358.00	11
7759.38	56.26	---	68.20	11.94	500.00	100.0	V	0.00	11



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8280.00	---	36.79	54.00	17.21	500.00	200.0	H	328.00	1
8671.25	48.68	--	68.20	19.52	500.00	100.0	V	185.00	2
9276.25	46.35	--	68.20	21.85	500.00	200.0	H	271.00	1
9307.50	---	35.31	54.00	18.69	500.00	100.0	V	302.00	1
10592.50	41.82	--	68.20	26.38	500.00	200.0	H	271.00	3
11381.25	---	32.70	54.00	21.30	500.00	200.0	V	23.00	5
12660.00	---	29.92	54.00	24.08	500.00	100.0	H	50.00	5
12705.00	41.35	--	68.20	26.85	500.00	200.0	V	17.00	5
15345.00	42.46	--	68.20	25.74	500.00	200.0	V	23.00	6
15722.50	---	34.58	54.00	19.42	500.00	200.0	H	347.00	7
17696.25	49.31	--	68.20	18.89	500.00	100.0	V	352.00	13
17820.00	---	40.95	54.00	13.05	500.00	200.0	H	320.00	15

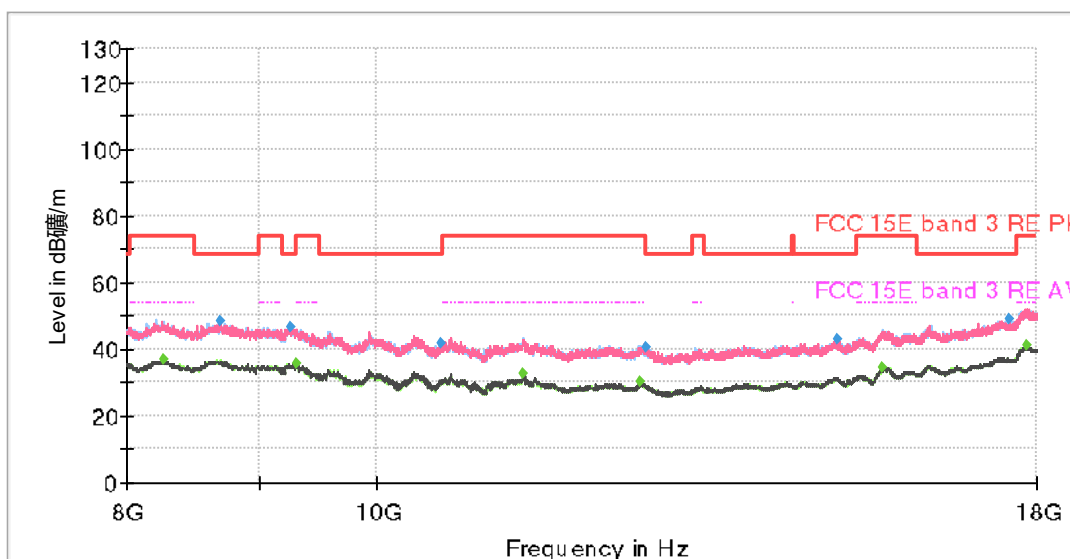
802.11n (HT20) CH157



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

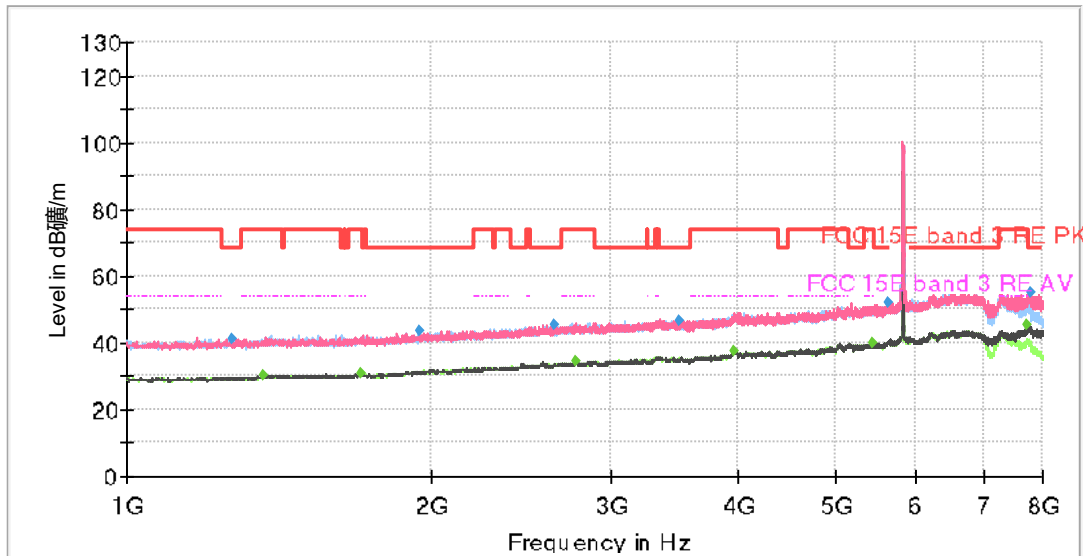
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1299.25	40.96	---	68.20	27.24	500.00	200.0	H	114.00	-11
1398.13	---	30.48	54.00	23.52	500.00	100.0	H	90.00	-11
1698.25	---	30.88	54.00	23.12	500.00	200.0	V	0.00	-10
1987.00	43.27	---	68.20	24.93	500.00	200.0	V	289.00	-8
2574.13	45.38	---	68.20	22.82	500.00	200.0	V	359.00	-5
2778.88	---	34.41	54.00	19.59	500.00	100.0	V	30.00	-5
3450.88	47.05	---	68.20	21.15	500.00	200.0	V	354.00	-3
3967.13	---	37.78	54.00	16.22	500.00	200.0	H	29.00	-1
5417.00	---	39.83	54.00	14.17	500.00	100.0	H	332.00	2
5648.00	52.17	---	68.20	16.03	500.00	100.0	V	200.00	3
6574.63	55.04	---	68.20	13.16	500.00	200.0	V	190.00	7
7301.75	---	43.09	54.00	10.91	500.00	100.0	H	359.00	9



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8263.75	---	36.80	54.00	17.20	500.00	200.0	V	112.00	1
8691.25	48.48	--	68.20	19.72	500.00	200.0	H	183.00	2
9260.00	46.60	--	68.20	21.60	500.00	100.0	V	77.00	2
9307.50	---	35.55	54.00	18.45	500.00	100.0	V	356.00	1
10593.75	41.96	--	68.20	26.24	500.00	100.0	V	77.00	3
11381.25	---	32.64	54.00	21.36	500.00	200.0	V	0.00	5
12646.25	---	30.04	54.00	23.96	500.00	200.0	H	328.00	5
12705.00	40.42	--	68.20	27.78	500.00	200.0	H	0.00	5
15068.75	42.77	--	68.20	25.43	500.00	100.0	V	347.00	6
15681.25	---	34.36	54.00	19.64	500.00	200.0	H	0.00	7
17580.00	48.97	--	68.20	19.23	500.00	100.0	V	0.00	12
17845.00	---	41.02	54.00	12.98	500.00	100.0	H	101.00	15

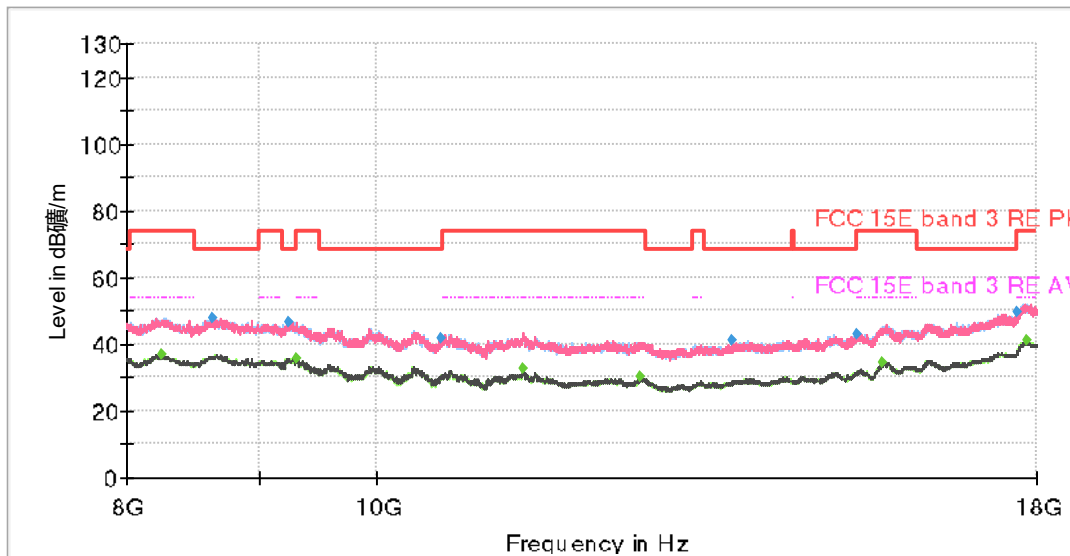
802.11n (HT20) CH165



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

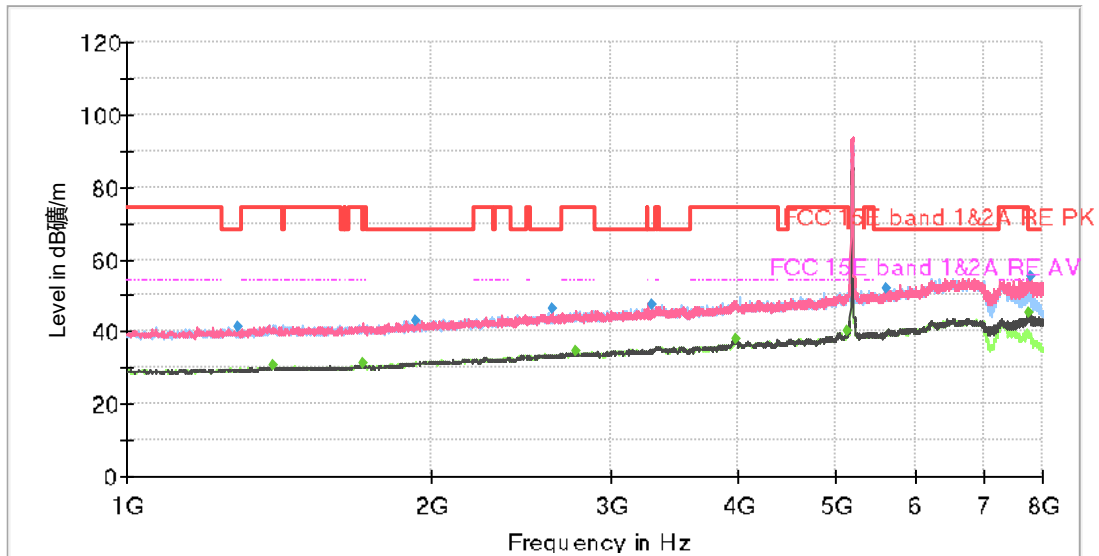
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1268.63	41.21	---	68.20	26.99	500.00	100.0	H	0.00	-11
1365.75	---	30.53	54.00	23.47	500.00	200.0	H	197.00	-11
1705.25	---	30.79	54.00	23.21	500.00	100.0	V	4.00	-10
1943.25	43.43	---	68.20	24.77	500.00	100.0	H	359.00	-8
2645.00	45.45	---	68.20	22.75	500.00	200.0	V	340.00	-5
2775.38	---	34.53	54.00	19.47	500.00	200.0	H	49.00	-5
3514.75	46.68	---	68.20	21.52	500.00	100.0	H	346.00	-3
3963.63	---	37.69	54.00	16.31	500.00	100.0	H	258.00	-1
5435.38	---	40.06	54.00	13.94	500.00	100.0	V	17.00	2
5640.13	52.18	---	68.20	16.02	500.00	100.0	H	359.00	3
7736.63	---	45.25	54.00	8.75	500.00	100.0	V	0.00	11
7773.38	54.91	---	68.20	13.29	500.00	100.0	V	0.00	11



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8256.25	---	36.83	54.00	17.17	500.00	200.0	V	4.00	1
8633.75	48.06	--	68.20	20.14	500.00	200.0	H	354.00	1
9241.25	46.50	--	68.20	21.70	500.00	100.0	V	260.00	2
9307.50	---	35.83	54.00	18.17	500.00	100.0	V	344.00	1
10593.75	41.84	--	68.20	26.36	500.00	100.0	V	301.00	3
11382.50	---	32.75	54.00	21.25	500.00	100.0	V	352.00	5
12643.75	---	30.24	54.00	23.76	500.00	100.0	V	171.00	5
13728.75	41.02	--	68.20	27.18	500.00	100.0	V	359.00	5
15325.00	42.79	--	68.20	25.41	500.00	200.0	V	47.00	6
15697.50	---	34.42	54.00	19.58	500.00	200.0	H	139.00	7
17697.50	49.40	--	68.20	18.80	500.00	100.0	V	349.00	13
17842.50	---	40.97	54.00	13.03	500.00	100.0	V	156.00	15

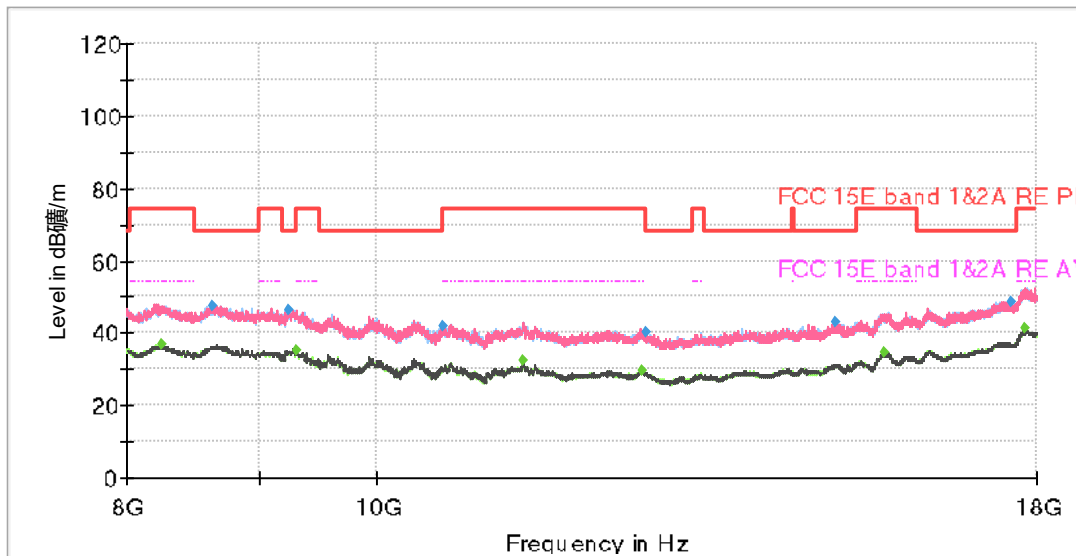
802.11ac (VHT40) CH38



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

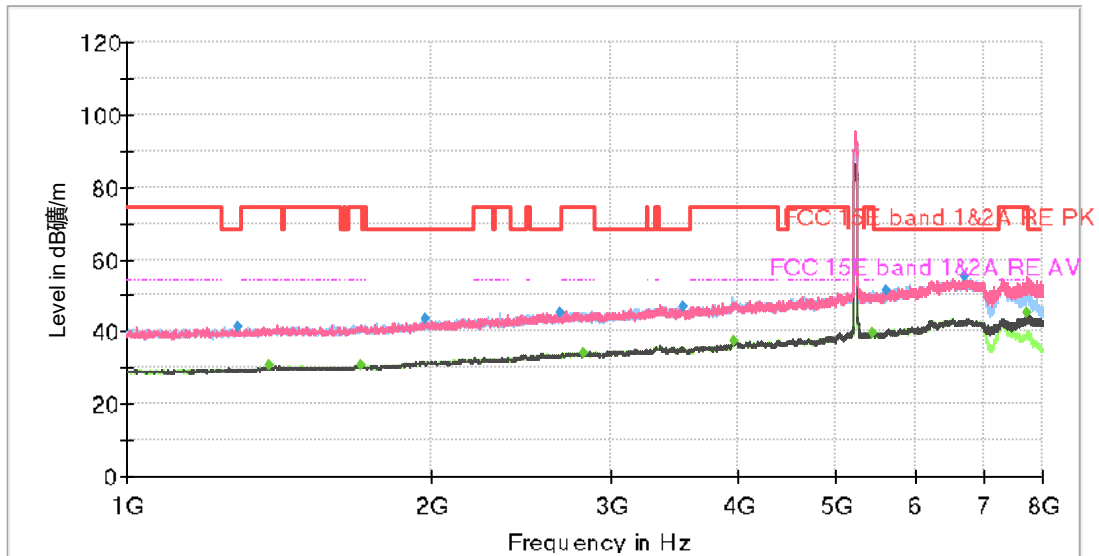
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1288.75	41.28	---	68.20	26.92	500.00	100.0	H	354.00	-11
1394.63	---	30.47	54.00	23.53	500.00	200.0	V	354.00	-11
1708.75	---	31.06	54.00	22.94	500.00	100.0	H	339.00	-10
1928.38	43.17	---	68.20	25.03	500.00	100.0	H	295.00	-9
2624.00	46.10	---	68.20	22.10	500.00	200.0	V	354.00	-6
2771.88	---	34.50	54.00	19.50	500.00	200.0	V	357.00	-5
3301.25	47.46	---	68.20	20.74	500.00	100.0	H	295.00	-4
3987.25	---	37.72	54.00	16.28	500.00	200.0	H	2.00	-1
5136.13	---	39.96	54.00	14.04	500.00	100.0	V	0.00	1
5620.00	51.84	---	68.20	16.36	500.00	100.0	V	6.00	3
7746.25	---	45.15	54.00	8.85	500.00	100.0	V	0.00	11
7781.25	55.05	---	68.20	13.15	500.00	100.0	V	0.00	11



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8255.00	---	36.87	54.00	17.13	500.00	100.0	H	33.00	1
8633.75	47.48	--	68.20	20.72	500.00	100.0	H	0.00	1
9241.25	46.37	--	68.20	21.83	500.00	100.0	H	9.00	2
9308.75	---	35.36	54.00	18.64	500.00	100.0	H	2.00	1
10598.75	42.09	--	68.20	26.11	500.00	100.0	V	196.00	3
11381.25	---	32.15	54.00	21.85	500.00	100.0	V	353.00	5
12662.50	---	29.75	54.00	24.25	500.00	100.0	H	296.00	5
12711.25	39.97	--	68.20	28.23	500.00	200.0	V	0.00	5
15052.50	42.92	--	68.20	25.28	500.00	100.0	H	208.00	6
15722.50	---	34.39	54.00	19.61	500.00	200.0	H	236.00	7
17592.50	48.76	--	68.20	19.44	500.00	200.0	H	144.00	12
17823.75	---	41.06	54.00	12.94	500.00	100.0	V	341.00	15

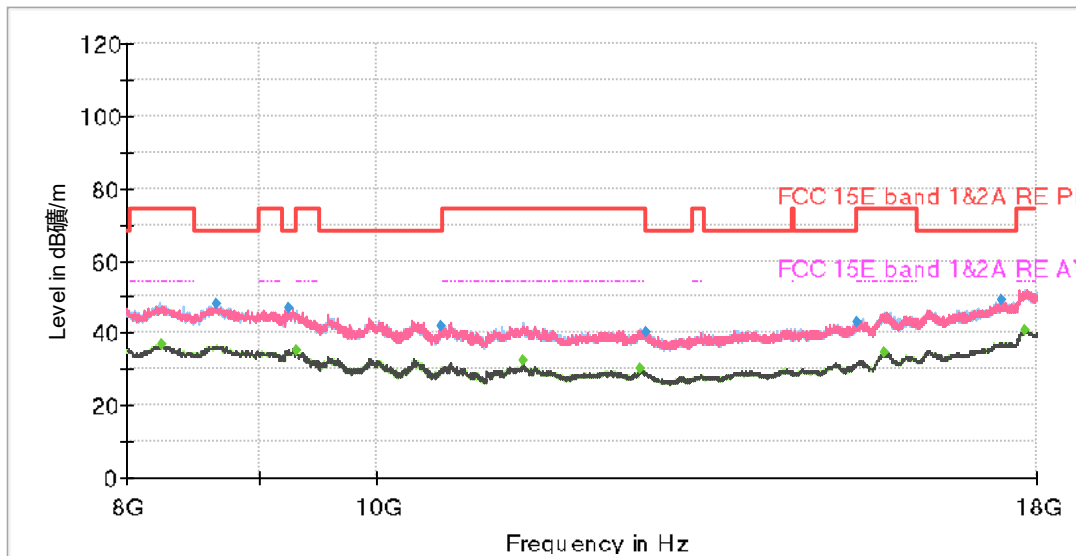
802.11ac (VHT40) CH46



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

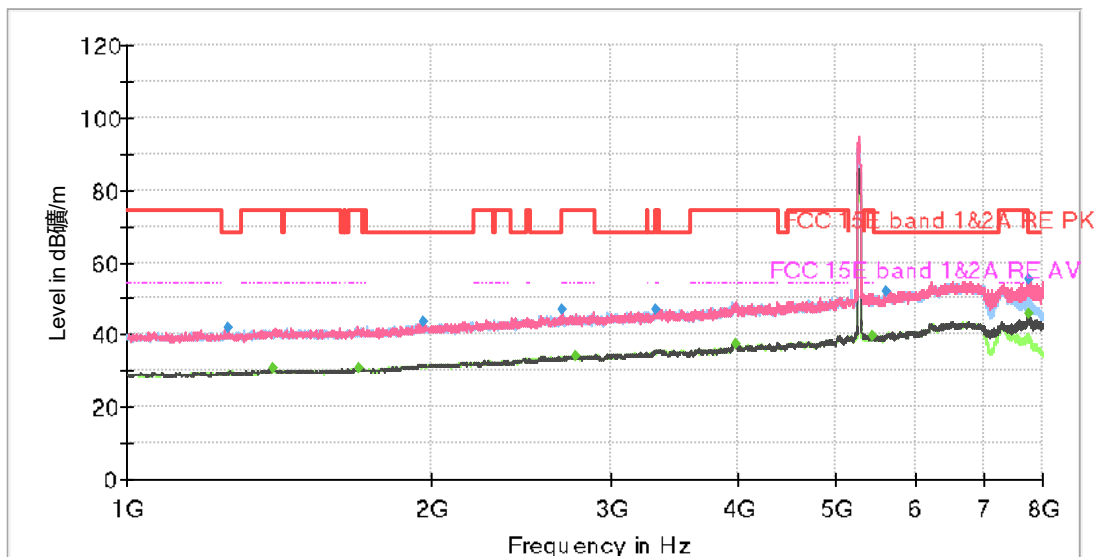
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1287.00	41.33	---	68.20	26.87	500.00	200.0	V	354.00	-12
1379.75	---	30.66	54.00	23.34	500.00	200.0	V	357.00	-11
1703.50	---	30.84	54.00	23.16	500.00	200.0	H	2.00	-10
1973.00	43.58	---	68.20	24.62	500.00	100.0	H	343.00	-8
2671.25	45.31	---	68.20	22.89	500.00	100.0	V	177.00	-5
2820.00	---	34.29	54.00	19.71	500.00	100.0	V	232.00	-5
3541.00	46.90	---	68.20	21.30	500.00	200.0	V	0.00	-3
3962.75	---	37.40	54.00	16.60	500.00	200.0	H	0.00	-1
5448.50	---	39.89	54.00	14.11	500.00	100.0	V	92.00	2
5615.63	51.58	---	68.20	16.62	500.00	100.0	H	304.00	3
6710.25	55.21	---	68.20	12.99	500.00	200.0	V	357.00	8
7735.75	---	45.28	54.00	8.72	500.00	100.0	V	0.00	11



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8252.50	---	36.89	54.00	17.11	500.00	100.0	H	80.00	1
8665.00	47.88	--	68.20	20.32	500.00	100.0	H	14.00	2
9238.75	46.72	--	68.20	21.48	500.00	200.0	V	10.00	2
9306.25	---	35.02	54.00	18.98	500.00	100.0	H	173.00	1
10586.25	41.81	--	68.20	26.39	500.00	100.0	H	156.00	3
11382.50	---	32.22	54.00	21.78	500.00	200.0	V	0.00	5
12643.75	---	29.95	54.00	24.05	500.00	100.0	H	27.00	5
12702.50	40.22	--	68.20	27.98	500.00	200.0	H	100.00	5
15343.75	42.77	--	68.20	25.43	500.00	100.0	V	171.00	6
15710.00	---	34.51	54.00	19.49	500.00	200.0	V	65.00	7
17453.75	48.88	--	68.20	19.32	500.00	200.0	V	7.00	12
17805.00	---	40.01	54.00	12.99	500.00	100.0	H	5.00	15

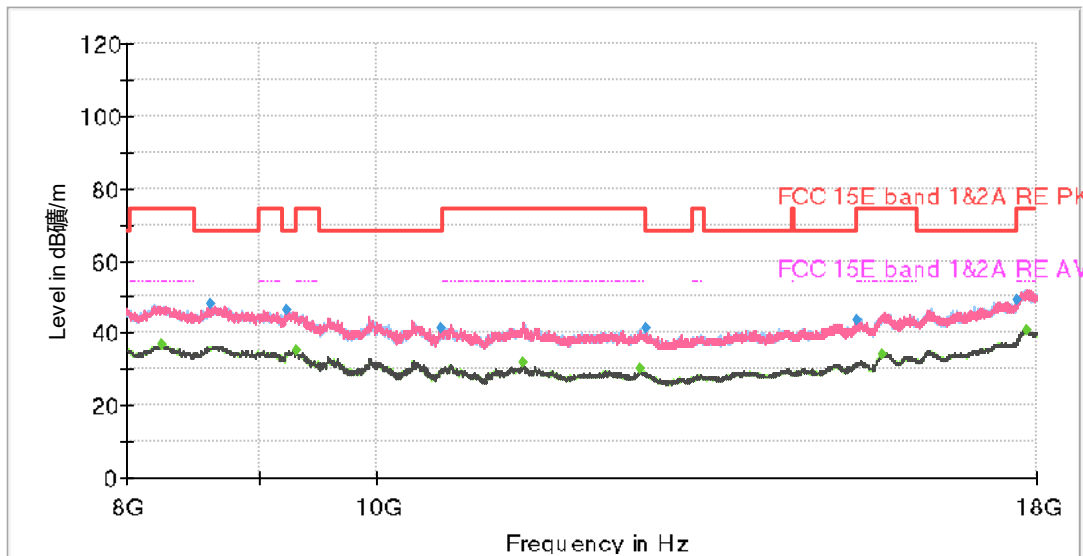
802.11ac (VHT40) CH54



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

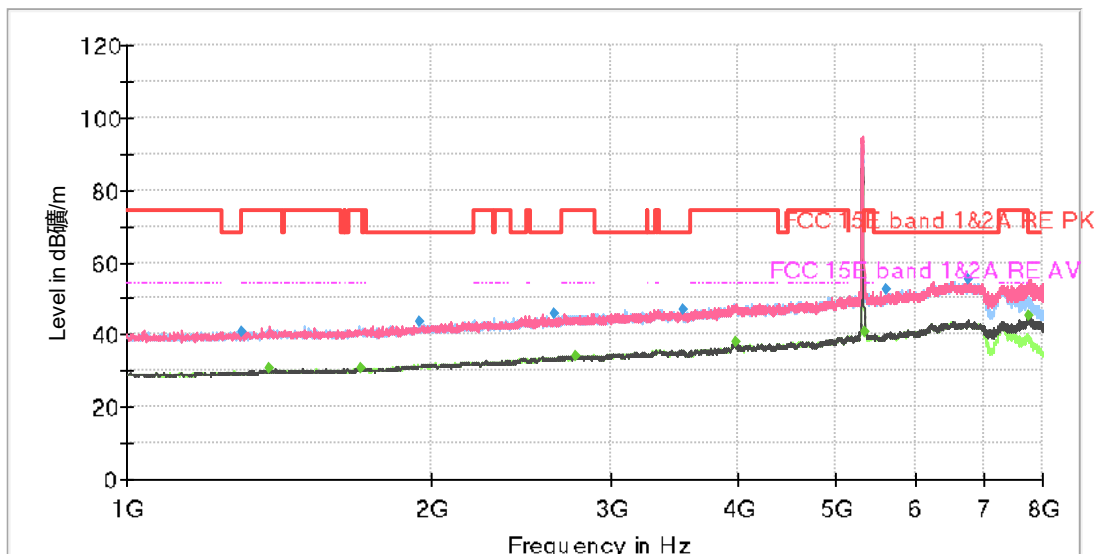
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1259.88	41.72	---	68.20	26.48	500.00	200.0	V	0.00	-11
1396.38	---	30.68	54.00	23.32	500.00	200.0	V	143.00	-11
1691.25	---	30.88	54.00	23.12	500.00	200.0	V	186.00	-10
1966.00	43.36	---	68.20	24.84	500.00	200.0	V	336.00	-8
2685.25	46.63	---	68.20	21.57	500.00	200.0	V	2.00	-5
2778.00	---	34.29	54.00	19.71	500.00	100.0	H	355.00	-5
3322.25	46.88	---	68.20	21.32	500.00	100.0	H	335.00	-3
3982.00	---	37.66	54.00	16.34	500.00	200.0	V	301.00	-1
5444.13	---	39.78	54.00	14.22	500.00	100.0	V	0.00	2
5600.75	51.98	---	68.20	16.22	500.00	100.0	H	346.00	2
7741.00	---	45.63	54.00	8.37	500.00	100.0	V	0.00	11
7756.75	55.09	---	68.20	13.11	500.00	100.0	V	0.00	11



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8252.50	---	37.07	54.00	16.93	500.00	200.0	V	1.00	1
8623.75	48.15	--	68.20	20.05	500.00	200.0	V	2.00	1
9223.75	46.19	--	68.20	22.01	500.00	100.0	V	348.00	2
9308.75	---	35.02	54.00	18.98	500.00	100.0	H	12.00	1
10592.50	41.24	--	68.20	26.96	500.00	200.0	V	47.00	3
11382.50	---	31.70	54.00	22.30	500.00	200.0	V	11.00	5
12646.25	---	29.91	54.00	24.09	500.00	200.0	V	2.00	5
12700.00	41.35	--	68.20	26.85	500.00	100.0	H	31.00	5
15325.00	43.33	--	68.20	24.87	500.00	200.0	V	0.00	6
15698.75	---	34.32	54.00	19.68	500.00	100.0	V	359.00	7
17700.00	49.13	--	68.20	19.07	500.00	200.0	H	242.00	13
17841.25	---	40.98	54.00	13.02	500.00	200.0	H	13.00	15

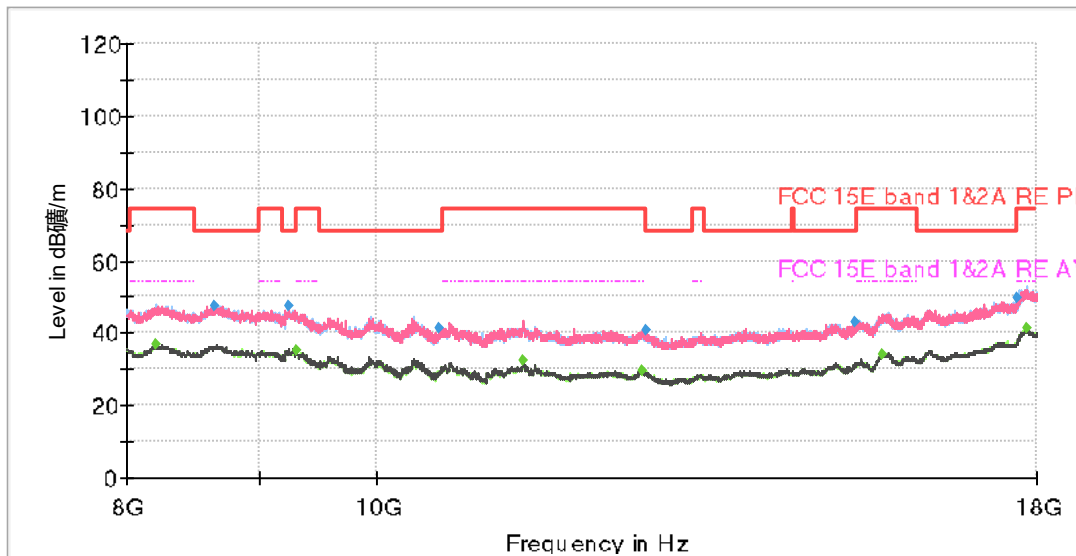
802.11ac (VHT40) CH62



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

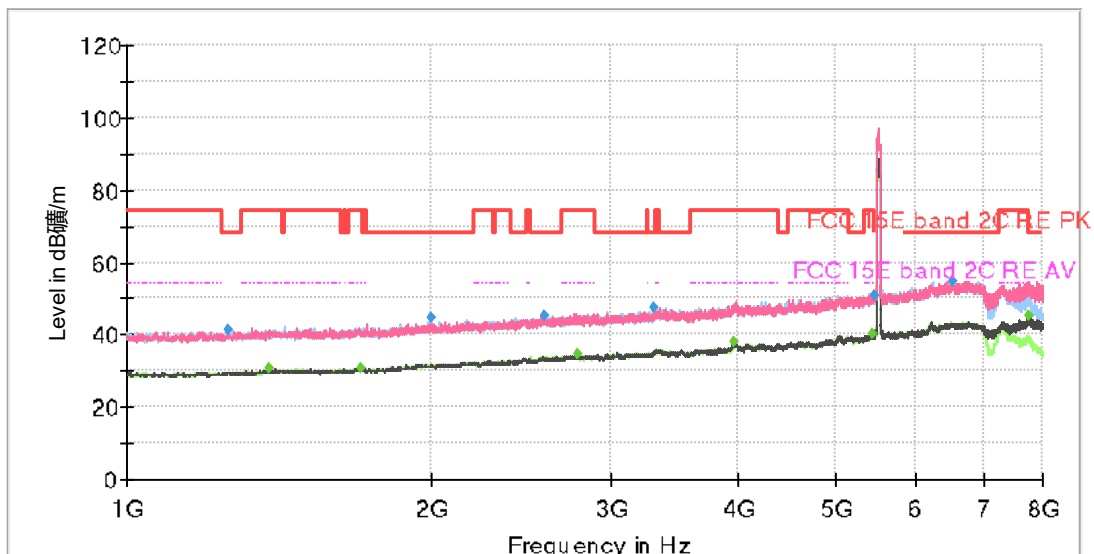
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1298.38	40.93	---	68.20	27.27	500.00	200.0	H	18.00	-11
1385.00	---	30.81	54.00	23.19	500.00	200.0	V	353.00	-11
1700.00	---	30.96	54.00	23.04	500.00	100.0	V	1.00	-10
1946.75	43.48	---	68.20	24.72	500.00	200.0	H	49.00	-8
2641.50	45.51	---	68.20	22.69	500.00	200.0	H	13.00	-5
2769.25	---	34.29	54.00	19.71	500.00	200.0	V	134.00	-5
3540.13	46.85	---	68.20	21.35	500.00	100.0	V	0.00	-3
3987.25	---	37.68	54.00	16.32	500.00	200.0	V	262.00	-1
5350.50	---	40.68	54.00	13.32	500.00	100.0	V	18.00	2
5613.88	52.32	---	68.20	15.88	500.00	200.0	H	2.00	3
6763.63	55.44	---	68.20	12.76	500.00	100.0	V	0.00	8
7738.38	---	45.18	54.00	8.82	500.00	100.0	V	0.00	11



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8210.00	---	36.82	54.00	17.18	500.00	200.0	H	328.00	1
8657.50	47.66	--	68.20	20.54	500.00	100.0	H	147.00	2
9242.50	47.33	--	68.20	20.87	500.00	100.0	H	312.00	2
9305.00	---	35.25	54.00	18.75	500.00	200.0	H	356.00	1
10575.00	41.03	--	68.20	27.17	500.00	100.0	V	0.00	3
11381.25	---	32.30	54.00	21.70	500.00	100.0	V	196.00	5
12661.25	---	29.78	54.00	24.22	500.00	200.0	V	12.00	5
12718.75	40.68	--	68.20	27.52	500.00	200.0	V	192.00	5
15310.00	42.84	--	68.20	25.36	500.00	200.0	H	354.00	6
15692.50	---	34.32	54.00	19.68	500.00	100.0	H	4.00	7
17697.50	49.55	--	68.20	18.65	500.00	100.0	H	72.00	13
17833.75	---	41.17	54.00	12.83	500.00	100.0	V	211.00	15

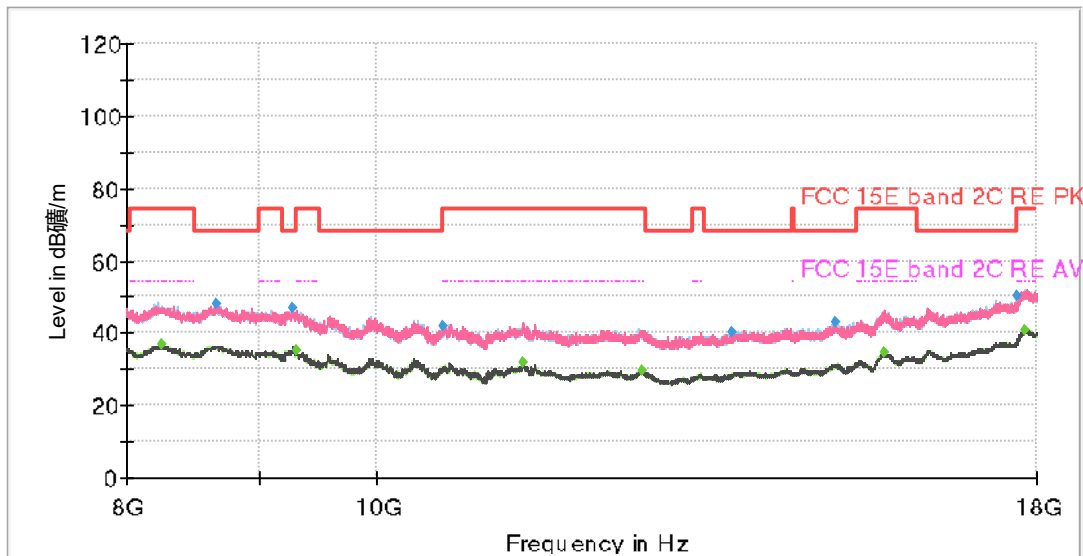
802.11ac (VHT40) CH102



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

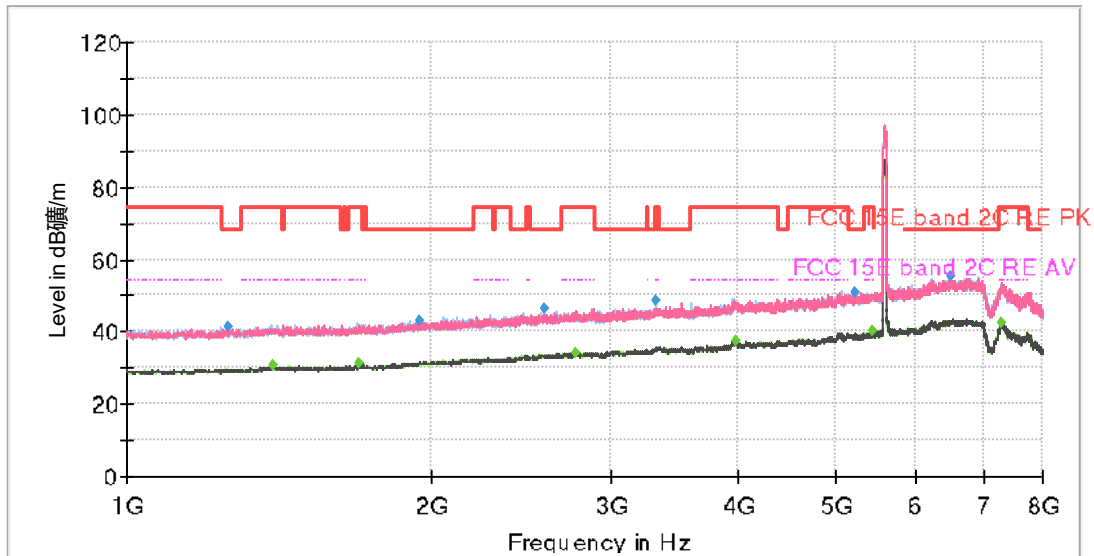
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1259.00	41.43	---	68.20	26.77	500.00	200.0	H	100.00	-11
1379.75	---	30.54	54.00	23.46	500.00	200.0	V	319.00	-11
1706.13	---	30.82	54.00	23.18	500.00	200.0	H	2.00	-10
1993.13	44.46	---	68.20	23.74	500.00	100.0	H	349.00	-8
2580.25	45.13	---	68.20	23.07	500.00	200.0	V	202.00	-5
2779.75	---	34.36	54.00	19.64	500.00	100.0	V	0.00	-5
3312.63	47.66	---	68.20	20.54	500.00	100.0	V	349.00	-3
3969.75	---	37.85	54.00	16.15	500.00	100.0	H	355.00	-1
5445.88	---	39.97	54.00	14.03	500.00	100.0	V	72.00	2
5463.38	51.05	---	68.20	17.15	500.00	100.0	V	5.00	2
6537.88	54.69	---	68.20	13.51	500.00	200.0	H	0.00	7
7745.38	---	45.15	54.00	8.85	500.00	100.0	V	0.00	11



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8251.25	---	36.72	54.00	17.28	500.00	200.0	V	0.00	1
8671.25	48.17	--	68.20	20.03	500.00	200.0	H	0.00	2
9277.50	47.01	--	68.20	21.19	500.00	200.0	H	48.00	1
9308.75	---	35.02	54.00	18.98	500.00	100.0	H	57.00	1
10597.50	41.73	--	68.20	26.47	500.00	100.0	H	1.00	3
11381.25	---	32.03	54.00	21.97	500.00	100.0	V	358.00	5
12660.00	---	29.75	54.00	24.25	500.00	100.0	V	0.00	5
13710.00	40.05	--	68.20	28.15	500.00	100.0	V	300.00	5
15052.50	43.02	--	68.20	25.18	500.00	100.0	V	200.00	6
15711.25	---	34.42	54.00	19.58	500.00	100.0	V	215.00	7
17678.75	50.14	--	68.20	18.06	500.00	100.0	H	2.00	13
17827.50	---	40.98	54.00	13.02	500.00	100.0	H	2.00	15

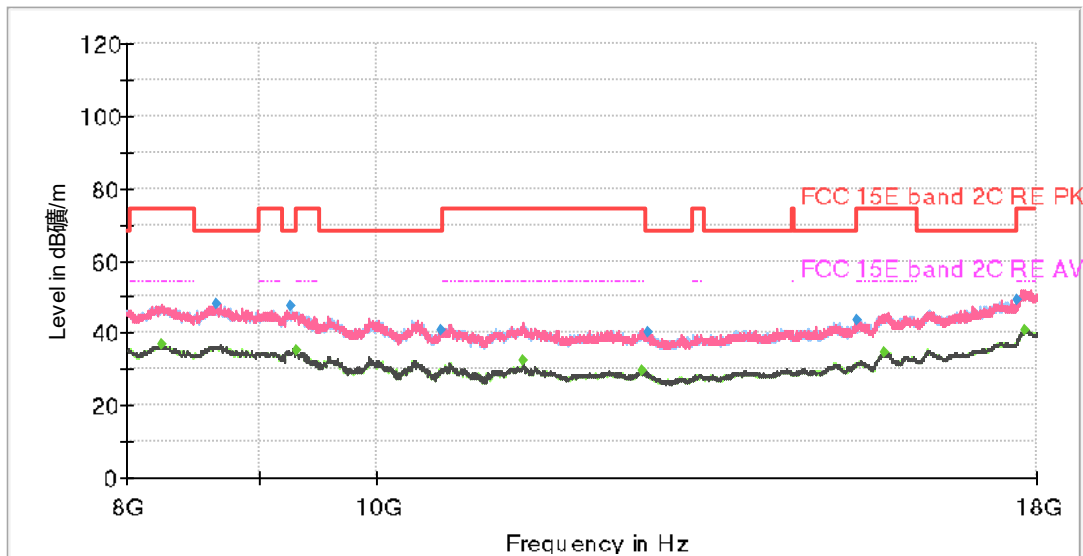
802.11ac (VHT40) CH118



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

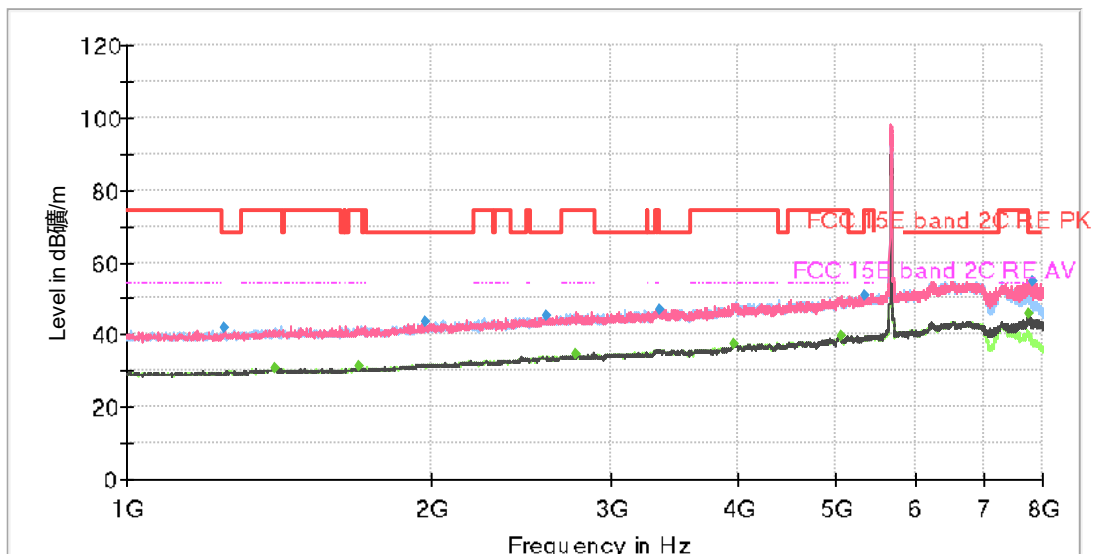
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1259.00	41.16	---	68.20	27.04	500.00	200.0	V	245.00	-11
1393.75	---	30.56	54.00	23.44	500.00	100.0	H	359.00	-11
1697.38	---	31.03	54.00	22.97	500.00	100.0	H	329.00	-10
1941.50	43.06	---	68.20	25.14	500.00	100.0	V	1.00	-8
2579.38	46.05	---	68.20	22.15	500.00	100.0	H	248.00	-5
2777.13	---	34.27	54.00	19.73	500.00	100.0	H	0.00	-5
3325.75	48.28	---	68.20	19.92	500.00	100.0	H	329.00	-3
3987.25	---	37.65	54.00	16.35	500.00	100.0	V	228.00	-1
5217.50	50.80	---	68.20	17.40	500.00	100.0	V	19.00	1
5440.63	---	40.01	54.00	13.99	500.00	100.0	H	73.00	2
6486.25	55.01	---	68.20	13.19	500.00	100.0	V	355.00	7
7301.75	---	42.42	54.00	11.58	500.00	100.0	V	172.00	9



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)
8252.50	---	36.69	54.00	17.31	500.00	100.0	V	354.00	1
8661.25	48.28	--	68.20	19.92	500.00	200.0	H	5.00	2
9266.25	47.34	--	68.20	20.86	500.00	100.0	H	79.00	2
9303.75	---	35.10	54.00	18.90	500.00	100.0	V	0.00	1
10587.50	40.99	--	68.20	27.21	500.00	100.0	V	58.00	3
11383.75	---	32.21	54.00	21.79	500.00	200.0	H	12.00	5
12661.25	---	29.75	54.00	24.25	500.00	100.0	V	100.00	5
12732.50	40.20	--	68.20	28.00	500.00	100.0	H	138.00	5
15343.75	43.60	--	68.20	24.60	500.00	200.0	V	359.00	6
15722.50	---	34.36	54.00	19.64	500.00	200.0	V	209.00	7
17693.75	48.96	--	68.20	19.24	500.00	200.0	H	326.00	13
17827.50	---	40.98	54.00	13.02	500.00	200.0	H	84.00	15

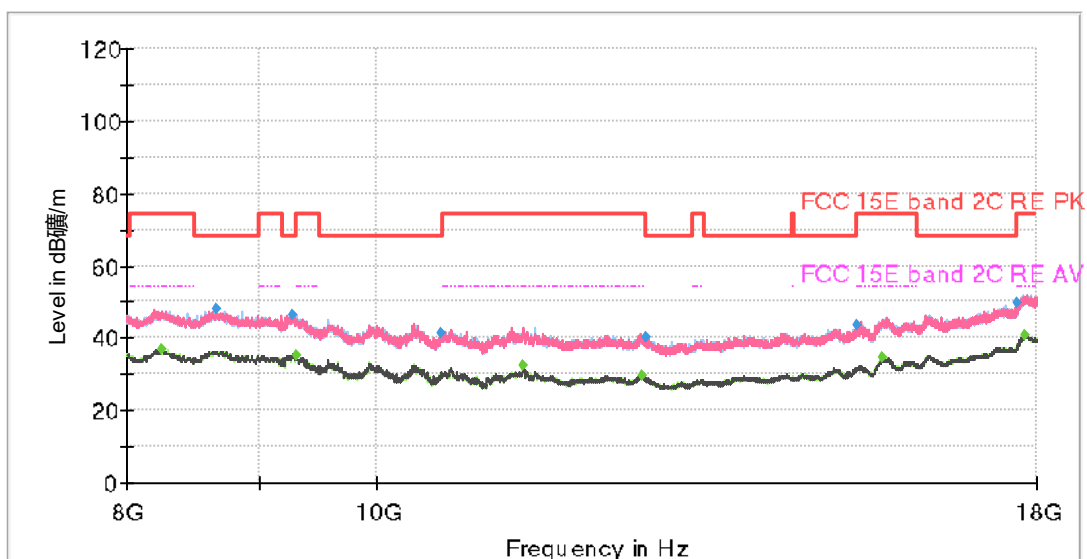
802.11ac (VHT40) CH134



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

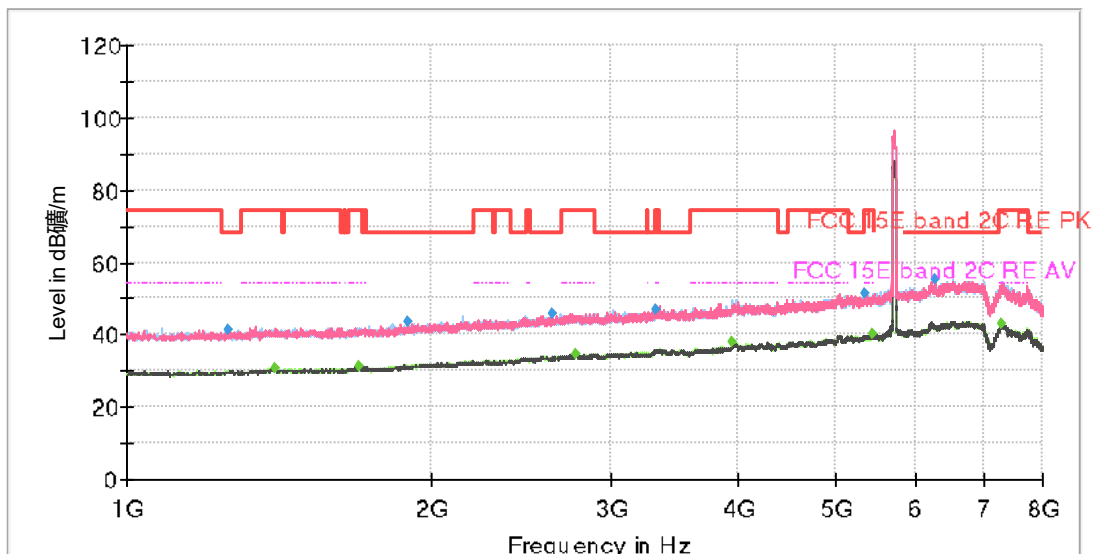
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1250.25	41.71	---	68.20	26.49	500.00	100.0	V	128.00	-12
1400.75	---	30.63	54.00	23.37	500.00	100.0	V	2.00	-11
1694.75	---	31.01	54.00	22.99	500.00	100.0	H	293.00	-10
1968.63	43.30	---	68.20	24.90	500.00	200.0	H	0.00	-8
2596.00	45.20	---	68.20	23.00	500.00	200.0	V	308.00	-6
2772.75	---	34.86	54.00	19.14	500.00	100.0	V	285.00	-5
3358.13	47.15	---	68.20	21.05	500.00	200.0	H	6.00	-3
3972.38	---	37.66	54.00	16.34	500.00	200.0	H	0.00	-1
5058.25	---	39.90	54.00	14.10	500.00	100.0	H	174.00	1
5343.50	51.03	---	68.20	17.17	500.00	100.0	H	0.00	2
7749.75	---	45.67	54.00	8.33	500.00	100.0	V	0.00	11
7824.13	54.78	---	68.20	13.42	500.00	100.0	V	0.00	11



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8253.75	---	36.86	54.00	17.14	500.00	200.0	V	214.00	1
8670.00	48.19	--	68.20	20.01	500.00	200.0	H	8.00	2
9271.25	46.57	--	68.20	21.63	500.00	100.0	V	20.00	2
9303.75	---	35.17	54.00	18.83	500.00	100.0	V	35.00	1
10592.50	41.47	--	68.20	26.73	500.00	200.0	V	244.00	3
11381.25	---	32.17	54.00	21.83	500.00	200.0	H	83.00	5
12668.75	---	29.86	54.00	24.14	500.00	200.0	V	185.00	5
12705.00	40.20	--	68.20	28.00	500.00	200.0	V	286.00	5
15343.75	43.35	--	68.20	24.85	500.00	100.0	V	20.00	6
15696.25	---	34.49	54.00	19.51	500.00	100.0	H	207.00	7
17677.50	49.51	--	68.20	18.69	500.00	100.0	H	236.00	13
17811.25	---	40.91	54.00	13.09	500.00	200.0	H	280.00	15

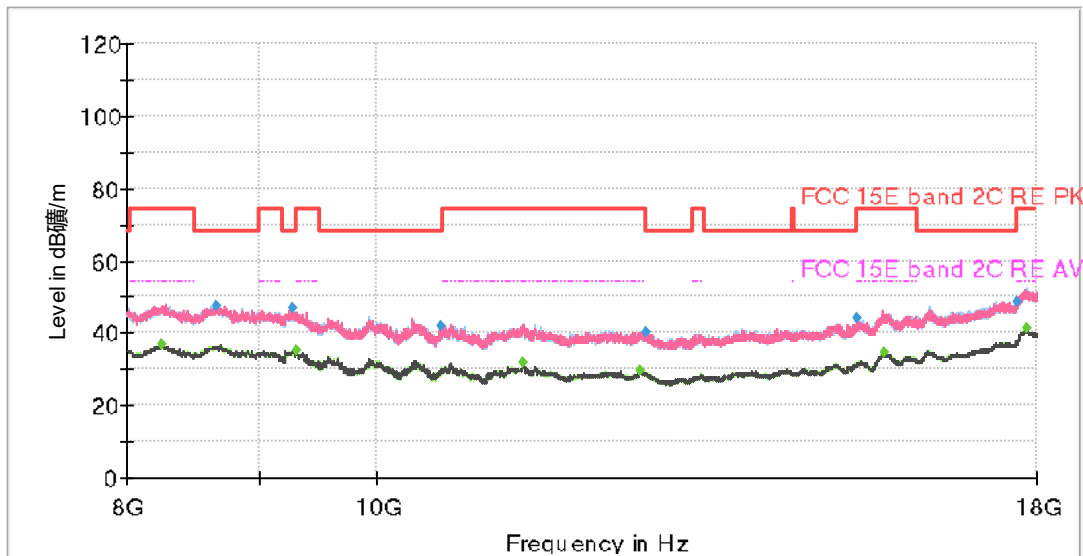
802.11ac (VHT40) CH142



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

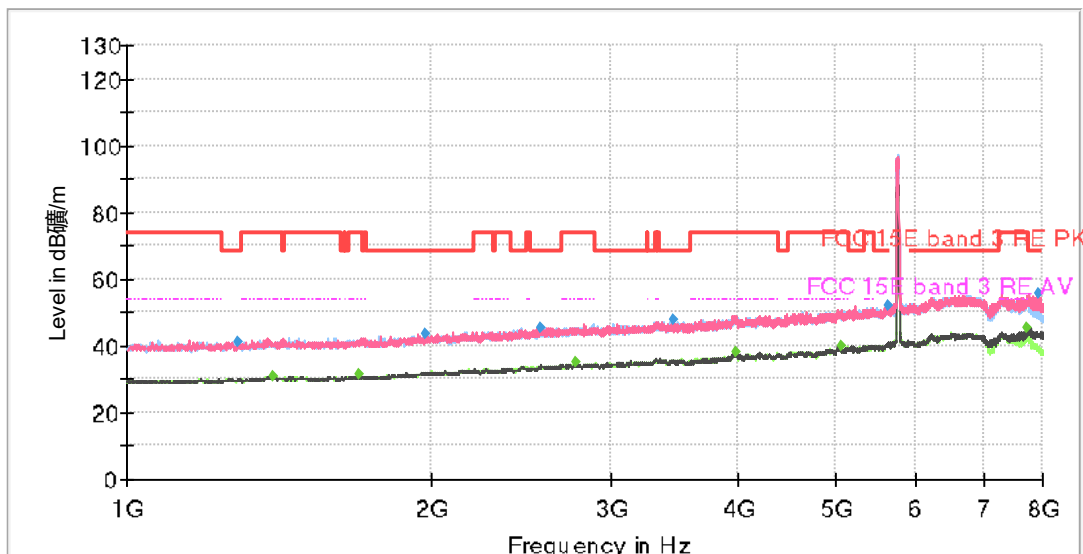
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1260.75	41.04	---	68.20	27.16	500.00	100.0	V	213.00	-11
1398.13	---	30.70	54.00	23.30	500.00	200.0	H	169.00	-11
1692.13	---	31.15	54.00	22.85	500.00	100.0	H	346.00	-10
1893.38	43.37	---	68.20	24.83	500.00	200.0	V	335.00	-9
2632.75	45.80	---	68.20	22.40	500.00	100.0	H	335.00	-6
2770.13	---	34.72	54.00	19.28	500.00	200.0	H	24.00	-5
3328.38	47.14	---	68.20	21.06	500.00	100.0	V	156.00	-3
3959.25	---	37.91	54.00	16.09	500.00	200.0	H	0.00	-1
5337.38	51.13	---	68.20	17.07	500.00	200.0	V	202.00	2
5442.38	---	40.03	54.00	13.97	500.00	200.0	H	348.00	2
6258.75	55.15	---	68.20	13.05	500.00	100.0	V	2.00	6
7294.75	---	43.19	54.00	10.81	500.00	100.0	H	353.00	10



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8260.00	---	36.72	54.00	17.28	500.00	200.0	V	359.00	1
8673.75	47.68	--	68.20	20.52	500.00	200.0	H	0.00	2
9278.75	46.65	--	68.20	21.55	500.00	100.0	V	0.00	1
9307.50	---	35.20	54.00	18.80	500.00	100.0	V	0.00	1
10592.50	41.92	--	68.20	26.28	500.00	100.0	V	34.00	3
11381.25	---	32.01	54.00	21.99	500.00	100.0	H	297.00	5
12642.50	---	29.75	54.00	24.25	500.00	100.0	H	356.00	5
12712.50	40.46	--	68.20	27.74	500.00	100.0	V	1.00	5
15342.50	44.14	--	68.20	24.06	500.00	200.0	V	186.00	6
15713.75	---	34.40	54.00	19.60	500.00	100.0	V	26.00	7
17696.25	48.84	--	68.20	19.36	500.00	200.0	V	344.00	13
17830.00	---	41.08	54.00	12.92	500.00	100.0	H	108.00	15

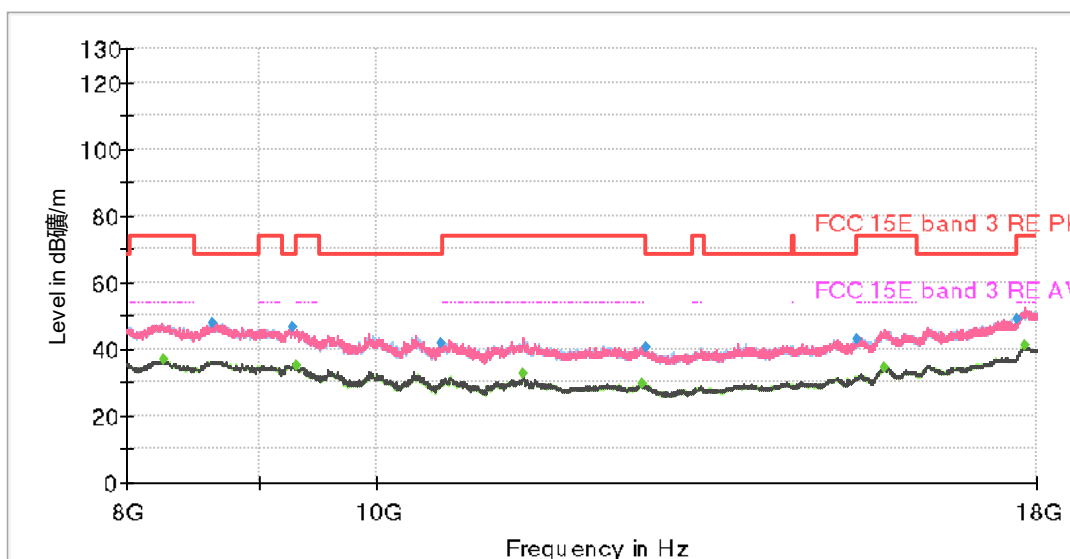
802.11ac (VHT40) CH151



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

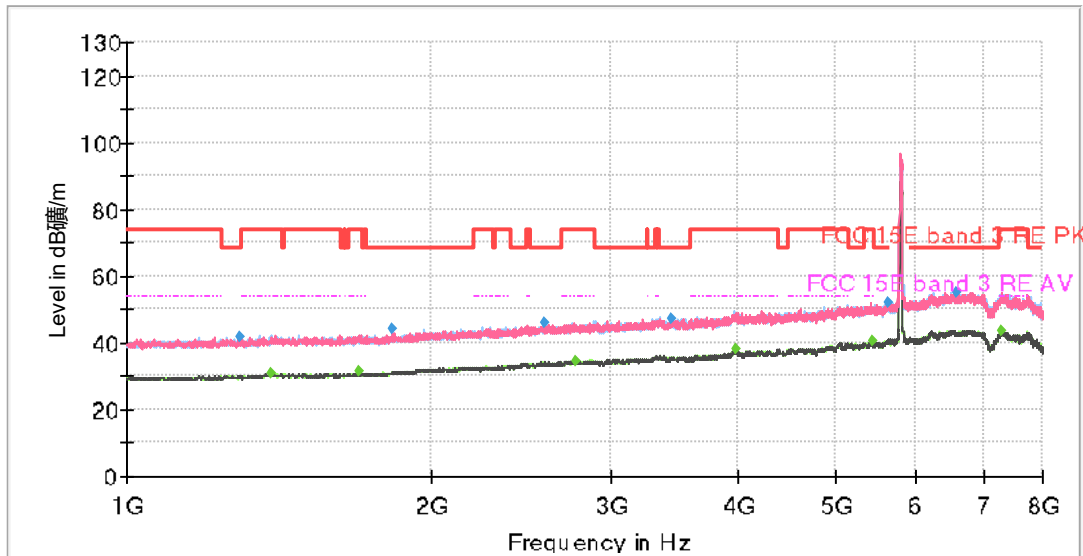
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1287.88	41.14	---	68.20	27.06	500.00	200.0	V	326.00	-12
1396.38	---	30.94	54.00	23.06	500.00	100.0	V	15.00	-11
1698.25	---	31.27	54.00	22.73	500.00	100.0	V	34.00	-10
1971.25	43.28	---	68.20	24.92	500.00	200.0	V	70.00	-8
2561.88	45.42	---	68.20	22.78	500.00	100.0	H	0.00	-5
2778.00	---	35.04	54.00	18.96	500.00	200.0	H	5.00	-5
3453.50	47.65	---	68.20	20.55	500.00	200.0	V	273.00	-3
3989.88	---	37.92	54.00	16.08	500.00	100.0	V	192.00	-1
5058.25	---	40.15	54.00	13.85	500.00	200.0	H	316.00	1
5627.88	52.04	---	68.20	16.16	500.00	200.0	V	297.00	3
7725.25	---	45.29	54.00	8.71	500.00	100.0	V	0.00	11
7912.50	55.41	---	68.20	12.79	500.00	100.0	V	0.00	11



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8265.00	---	36.92	54.00	17.08	500.00	200.0	V	356.00	1
8633.75	47.82	--	68.20	20.38	500.00	100.0	V	39.00	1
9268.75	46.39	--	68.20	21.81	500.00	200.0	V	153.00	2
9301.25	---	35.27	54.00	18.73	500.00	200.0	V	22.00	1
10592.50	42.00	--	68.20	26.20	500.00	100.0	H	0.00	3
11381.25	---	32.47	54.00	21.53	500.00	100.0	H	350.00	5
12657.50	---	29.83	54.00	24.17	500.00	100.0	V	31.00	5
12710.00	40.34	--	68.20	27.86	500.00	200.0	H	0.00	5
15348.75	43.06	--	68.20	25.14	500.00	100.0	H	334.00	6
15713.75	---	34.45	54.00	19.55	500.00	100.0	H	60.00	7
17690.00	49.27	--	68.20	18.93	500.00	200.0	V	312.00	13
17808.75	---	41.23	54.00	12.77	500.00	100.0	V	145.00	15

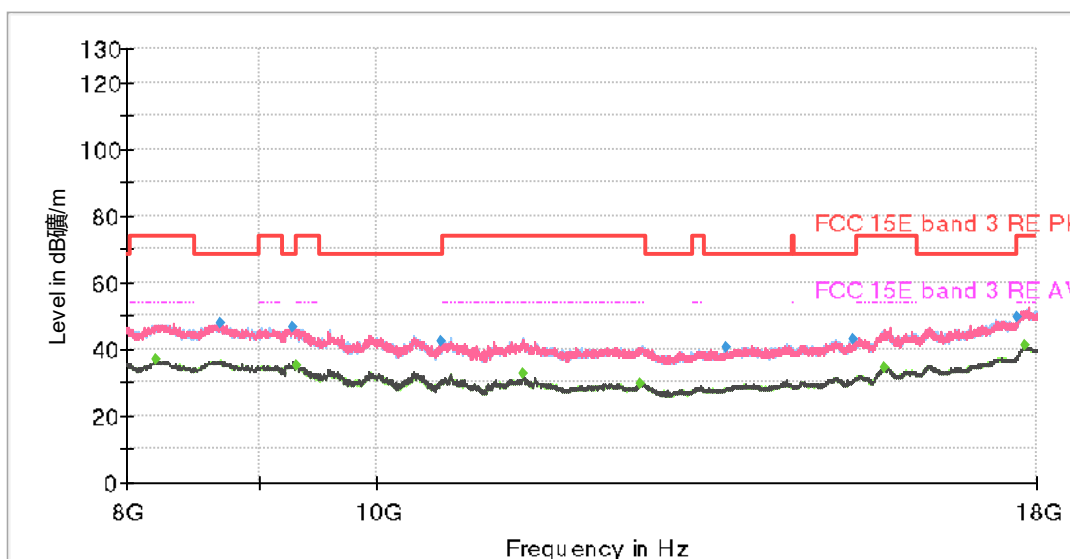
802.11ac (VHT40) CH159



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

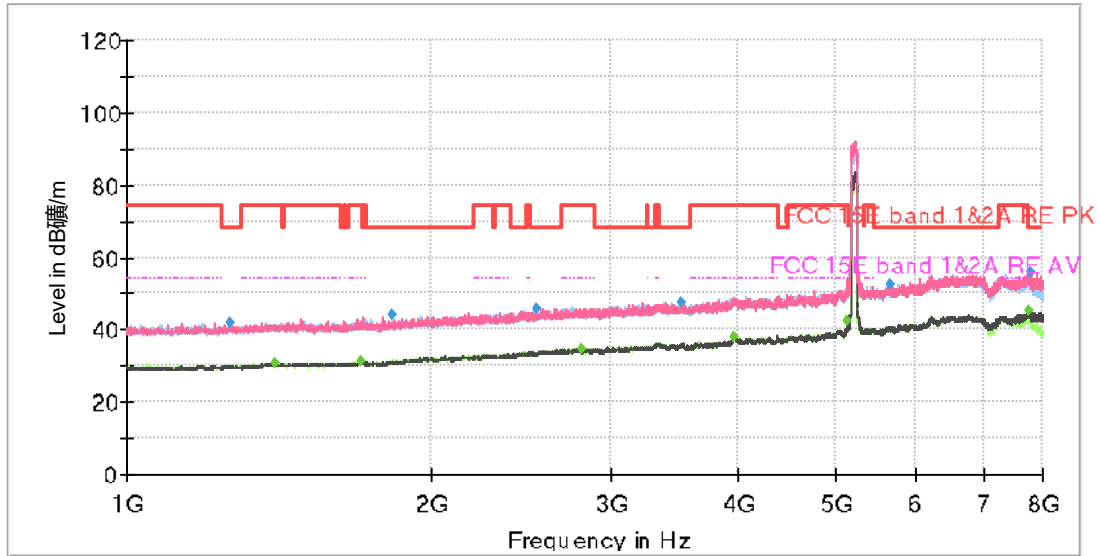
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1295.75	41.89	---	68.20	26.31	500.00	100.0	V	157.00	-11
1389.38	---	30.79	54.00	23.21	500.00	200.0	H	24.00	-11
1697.38	---	31.36	54.00	22.64	500.00	100.0	H	300.00	-10
1828.63	44.16	---	68.20	24.04	500.00	100.0	H	2.00	-9
2587.25	45.91	---	68.20	22.29	500.00	200.0	V	321.00	-5
2772.75	---	34.62	54.00	19.38	500.00	100.0	V	1.00	-5
3448.25	47.38	---	68.20	20.82	500.00	100.0	V	230.00	-3
3988.13	---	37.89	54.00	16.11	500.00	200.0	H	58.00	-1
5436.25	---	40.31	54.00	13.69	500.00	200.0	H	39.00	2
5635.75	52.20	---	68.20	16.00	500.00	100.0	H	288.00	3
6578.13	55.05	---	68.20	13.15	500.00	100.0	H	218.00	7
7296.50	---	43.38	54.00	10.62	500.00	100.0	H	320.00	10



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8207.50	---	37.07	54.00	16.93	500.00	100.0	V	205.00	1
8698.75	47.70	--	68.20	20.50	500.00	200.0	V	358.00	2
9282.50	46.50	--	68.20	21.70	500.00	200.0	H	24.00	1
9305.00	---	35.36	54.00	18.64	500.00	100.0	V	0.00	1
10578.75	42.47	--	68.20	25.73	500.00	200.0	H	314.00	3
11382.50	---	32.78	54.00	21.22	500.00	200.0	H	147.00	5
12650.00	---	29.93	54.00	24.07	500.00	200.0	H	9.00	5
13651.25	40.44	--	68.20	27.76	500.00	100.0	V	6.00	5
15296.25	43.01	--	68.20	25.19	500.00	200.0	H	18.00	6
15705.00	---	34.56	54.00	19.44	500.00	200.0	H	18.00	7
17686.25	49.47	--	68.20	18.73	500.00	100.0	V	2.00	13
17827.50	---	40.88	54.00	13.12	500.00	200.0	V	0.00	15

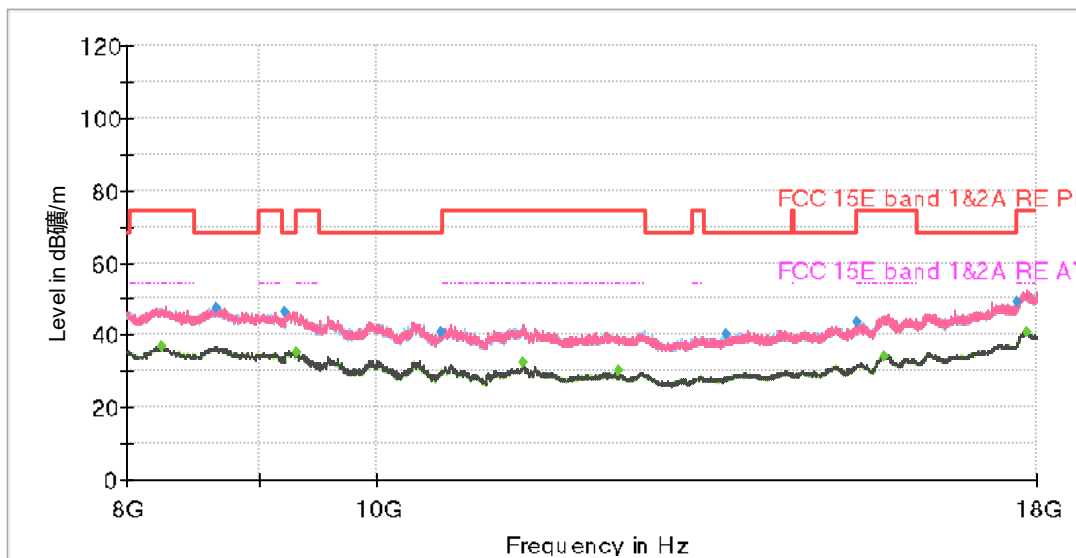
802.11ac (VHT80) CH42



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

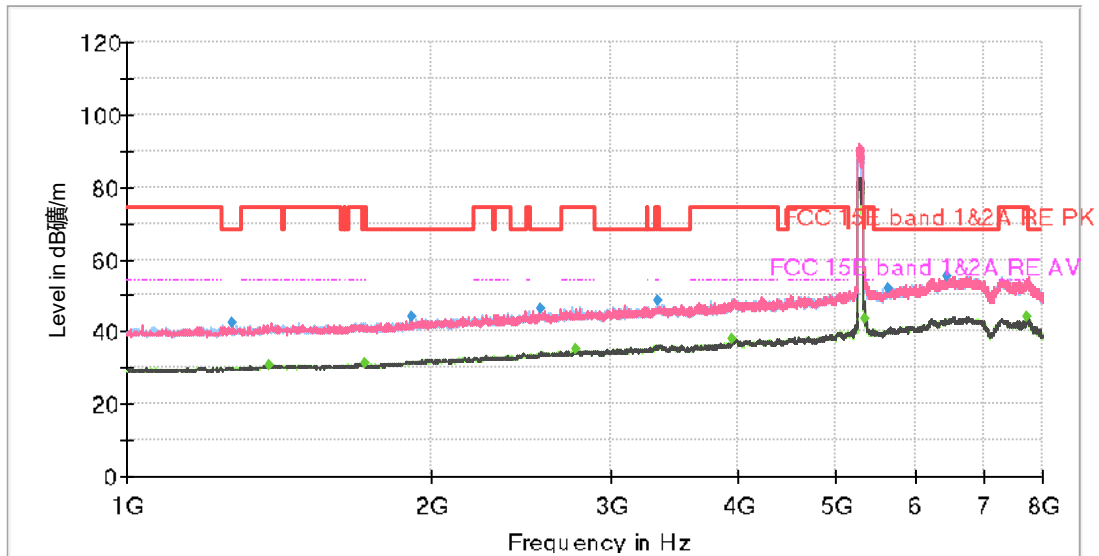
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1263.38	41.59	---	68.20	26.61	500.00	200.0	V	216.00	-11
1402.50	---	30.88	54.00	23.12	500.00	100.0	H	359.00	-11
1699.13	---	31.45	54.00	22.55	500.00	200.0	V	188.00	-10
1830.38	43.95	---	68.20	24.25	500.00	100.0	H	356.00	-9
2538.25	45.76	---	68.20	22.44	500.00	100.0	H	358.00	-6
2809.50	---	34.78	54.00	19.22	500.00	200.0	V	346.00	-5
3529.63	47.60	---	68.20	20.60	500.00	100.0	V	2.00	-3
3963.63	---	38.01	54.00	15.99	500.00	200.0	H	112.00	-1
5142.25	---	42.15	54.00	11.85	500.00	100.0	V	8.00	2
5649.75	52.44	---	68.20	15.76	500.00	100.0	H	2.00	3
7740.13	---	45.35	54.00	8.65	500.00	100.0	V	0.00	11
7773.38	55.84	---	68.20	12.36	500.00	100.0	V	0.00	11



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8260.00	---	36.97	54.00	17.30	500.00	200.0	H	0.00	1
8667.50	47.65	--	68.20	20.55	500.00	200.0	V	359.00	2
9217.50	46.38	--	68.20	21.82	500.00	200.0	H	1.00	1
9305.00	---	35.15	54.00	18.85	500.00	100.0	V	68.00	1
10587.50	40.98	--	68.20	27.22	500.00	100.0	H	0.00	3
11381.25	---	32.19	54.00	21.81	500.00	200.0	V	248.00	5
12406.25	---	29.87	54.00	24.13	500.00	200.0	H	174.00	5
13652.50	40.15	--	68.20	28.05	500.00	200.0	H	235.00	5
15343.75	43.57	--	68.20	24.63	500.00	100.0	V	0.00	6
15708.75	---	34.31	54.00	19.69	500.00	200.0	H	337.00	7
17698.75	49.38	--	68.20	18.82	500.00	100.0	V	68.00	13
17848.75	---	40.77	54.00	13.23	500.00	100.0	V	5.00	15

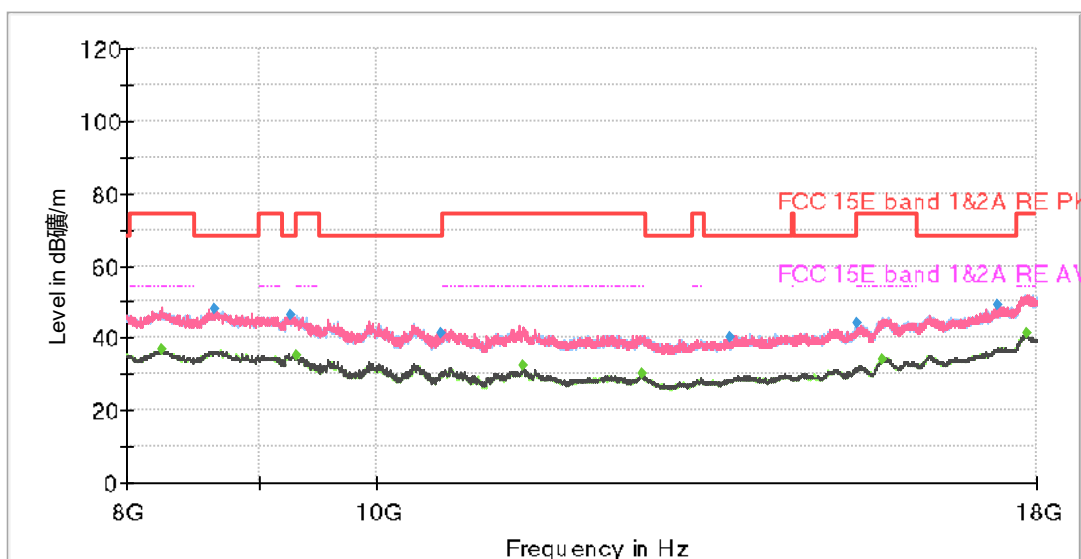
802.11ac (VHT80) CH58



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

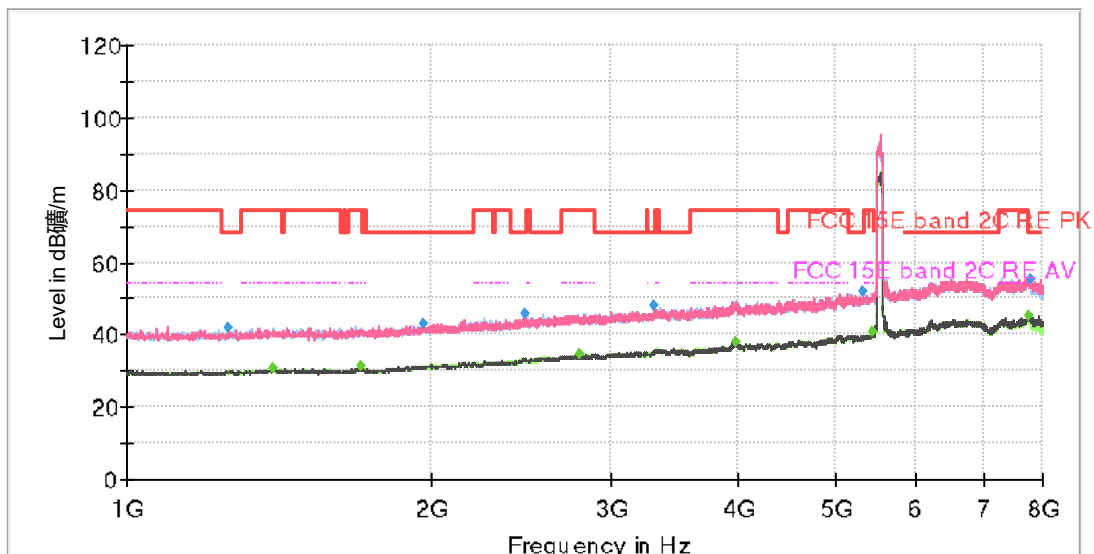
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1269.50	42.29	---	68.20	25.91	500.00	100.0	H	350.00	-11
1381.50	---	30.80	54.00	23.20	500.00	200.0	H	1.00	-11
1720.13	---	31.33	54.00	22.67	500.00	200.0	H	0.00	-10
1912.63	44.02	---	68.20	24.18	500.00	100.0	V	128.00	-9
2558.38	46.30	---	68.20	21.90	500.00	100.0	H	353.00	-5
2768.38	---	34.99	54.00	19.01	500.00	100.0	V	9.00	-5
3340.63	48.70	---	68.20	19.50	500.00	100.0	H	341.00	-3
3957.50	---	38.22	54.00	15.78	500.00	200.0	V	354.00	-1
5350.50	---	43.53	54.00	10.47	500.00	200.0	H	315.00	2
5634.88	51.79	---	68.20	16.41	500.00	100.0	V	348.00	3
6437.25	55.32	---	68.20	12.88	500.00	200.0	H	32.00	7
7729.63	---	44.08	54.00	9.92	500.00	100.0	V	113.00	11



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8255.00	---	36.71	54.00	17.29	500.00	100.0	H	349.00	1
8646.25	47.92	--	68.20	20.28	500.00	200.0	H	2.00	1
9258.75	46.20	--	68.20	22.00	500.00	200.0	V	248.00	2
9308.75	---	35.19	54.00	18.81	500.00	100.0	H	172.00	1
10592.50	41.50	--	68.20	26.70	500.00	100.0	V	63.00	3
11381.25	---	32.29	54.00	21.71	500.00	100.0	V	90.00	5
12665.00	---	30.01	54.00	23.99	500.00	100.0	V	1.00	5
13695.00	40.33	--	68.20	27.87	500.00	200.0	H	33.00	5
15342.50	43.85	--	68.20	24.35	500.00	200.0	H	167.00	6
15695.00	---	34.29	54.00	19.71	500.00	200.0	H	9.00	7
17380.00	49.25	--	68.20	18.95	500.00	200.0	V	0.00	11
17845.00	---	41.26	54.00	12.74	500.00	200.0	H	108.00	15

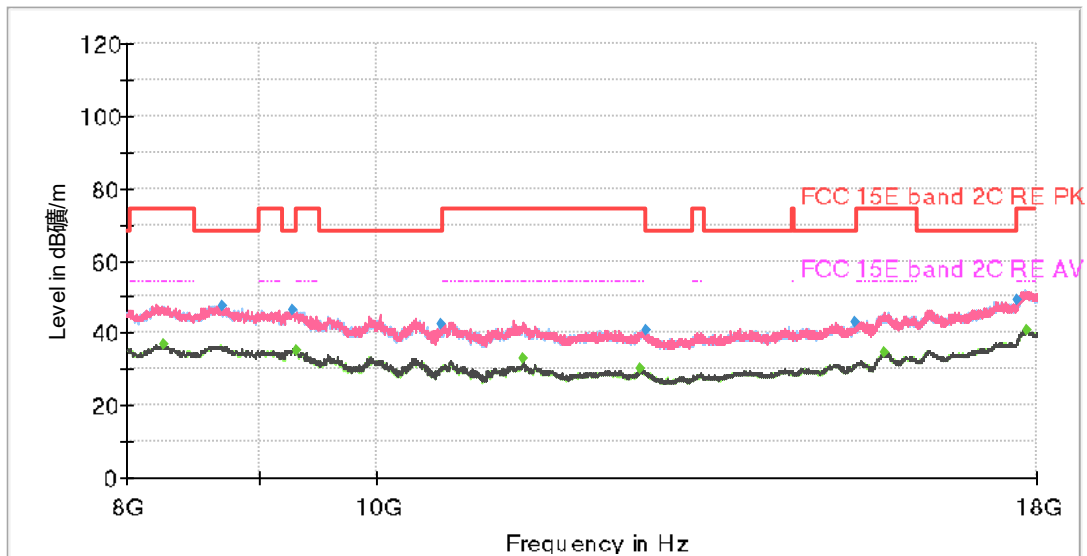
802.11ac (VHT80) CH106



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

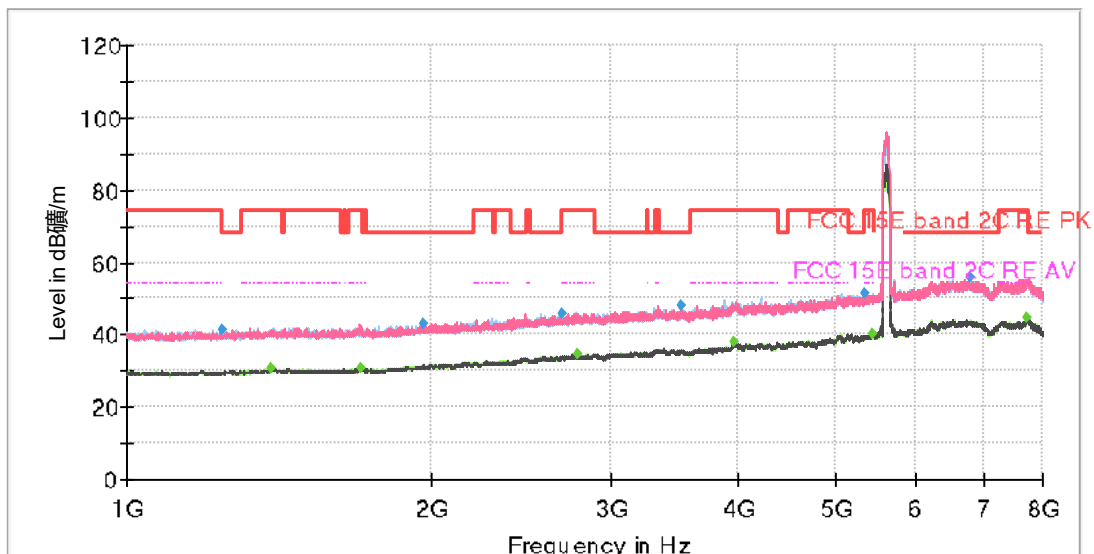
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1258.13	41.75	--	68.20	26.45	500.00	100.0	H	299.00	-11
1396.38	---	30.82	54.00	23.18	500.00	100.0	V	137.00	-11
1700.88	---	31.00	54.00	23.00	500.00	200.0	H	0.00	-10
1965.13	42.88	--	68.20	25.32	500.00	200.0	H	189.00	-8
2465.63	45.82	--	68.20	22.38	500.00	200.0	H	0.00	-6
2791.13	---	34.95	54.00	19.50	500.00	200.0	V	354.00	-5
3313.50	47.92	--	68.20	20.28	500.00	100.0	V	78.00	-3
3991.63	---	38.01	54.00	15.99	500.00	200.0	H	53.00	-1
5331.25	51.66	--	68.20	16.54	500.00	200.0	V	280.00	2
5448.50	---	40.88	54.00	13.12	500.00	100.0	V	22.00	2
7746.25	---	45.48	54.00	8.52	500.00	100.0	V	0.00	11
7791.75	55.36	--	68.20	12.84	500.00	100.0	V	0.00	11



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8263.75	---	36.96	54.00	17.40	500.00	100.0	H	95.00	1
8705.00	47.70	--	68.20	20.50	500.00	200.0	V	172.00	2
9273.75	46.35	--	68.20	21.85	500.00	200.0	V	358.00	2
9308.75	---	35.41	54.00	18.59	500.00	100.0	V	0.00	1
10591.25	42.18	--	68.20	26.02	500.00	200.0	H	0.00	3
11381.25	---	32.98	54.00	21.20	500.00	100.0	V	57.00	5
12646.25	---	30.21	54.00	23.79	500.00	200.0	V	186.00	5
12701.25	40.87	--	68.20	27.33	500.00	200.0	H	0.00	5
15311.25	42.99	--	68.20	25.21	500.00	100.0	H	345.00	6
15713.75	---	34.44	54.00	19.56	500.00	100.0	H	355.00	7
17697.50	49.38	--	68.20	18.82	500.00	200.0	V	261.00	13
17850.00	---	40.97	54.00	13.03	500.00	100.0	V	0.00	15

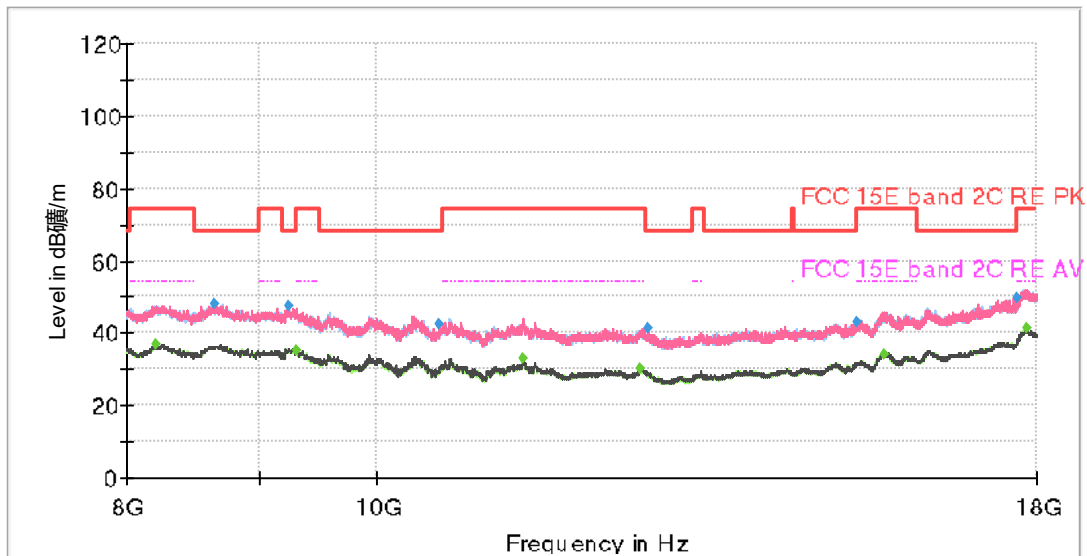
802.11ac (VHT80) CH122



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

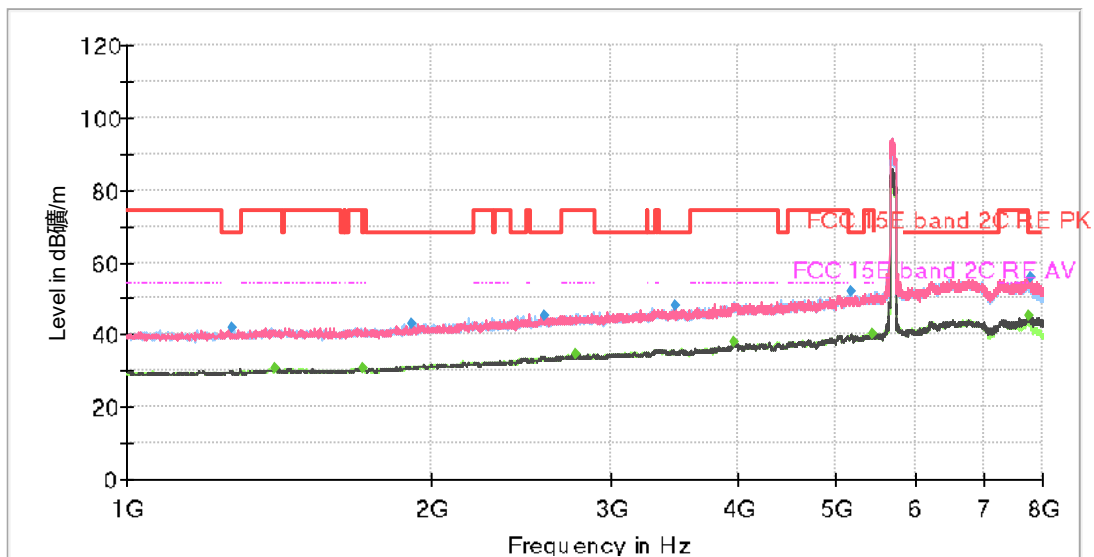
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1242.38	41.32	--	68.20	26.88	500.00	100.0	H	330.00	-12
1389.38	---	30.76	54.00	23.24	500.00	100.0	H	236.00	-11
1703.50	---	30.92	54.00	23.08	500.00	200.0	H	82.00	-10
1965.13	43.10	--	68.20	25.10	500.00	200.0	H	199.00	-8
2688.75	45.94	--	68.20	22.26	500.00	100.0	H	313.00	-5
2784.13	---	34.49	54.00	19.51	500.00	200.0	H	22.00	-5
3519.13	48.11	--	68.20	20.09	500.00	100.0	H	0.00	-3
3970.63	---	37.87	54.00	16.13	500.00	100.0	V	1.00	-1
5340.88	51.58	--	68.20	16.62	500.00	200.0	H	228.00	2
5447.63	---	40.42	54.00	13.58	500.00	200.0	V	218.00	2
6790.75	56.04	--	68.20	12.16	500.00	100.0	H	291.00	8
7737.50	---	44.92	54.00	9.08	500.00	200.0	V	147.00	11



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8210.00	---	36.65	54.00	17.35	500.00	100.0	V	6.00	1
8658.75	47.92	--	68.20	20.28	500.00	200.0	H	10.00	2
9246.25	47.32	--	68.20	20.88	500.00	200.0	V	358.00	2
9303.75	---	35.37	54.00	18.63	500.00	100.0	V	1.00	1
10573.75	42.38	--	68.20	25.82	500.00	200.0	V	353.00	3
11381.25	---	33.11	54.00	20.89	500.00	100.0	V	12.00	5
12641.25	---	30.08	54.00	23.92	500.00	200.0	H	19.00	5
12727.50	41.25	--	68.20	26.95	500.00	200.0	V	272.00	5
15347.50	43.18	--	68.20	25.02	500.00	100.0	V	0.00	6
15711.25	---	34.31	54.00	19.69	500.00	200.0	V	170.00	7
17695.00	49.86	--	68.20	18.34	500.00	200.0	V	286.00	13
17853.75	---	41.31	54.00	12.69	500.00	200.0	V	259.00	15

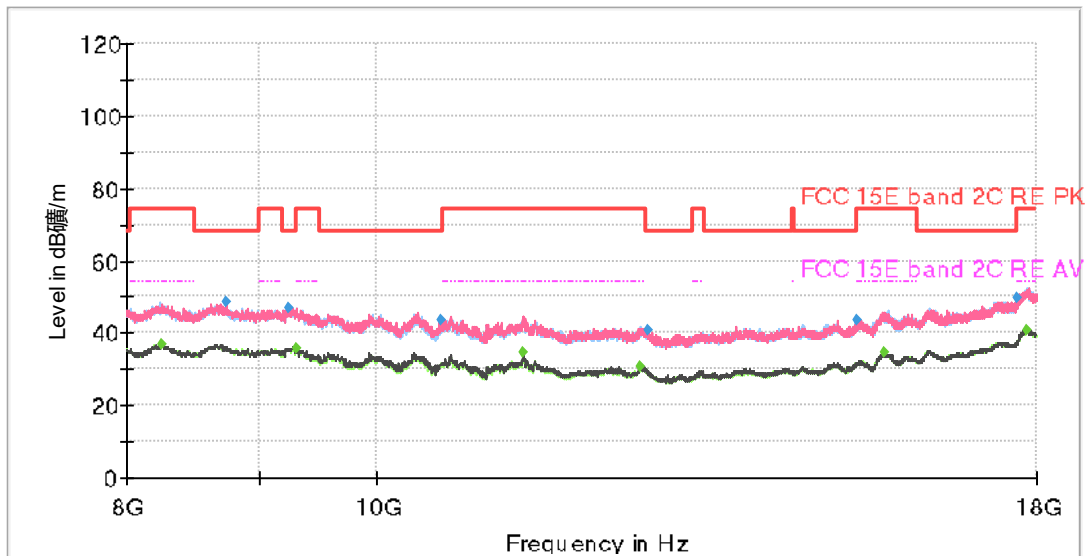
802.11ac (VHT80) CH138



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

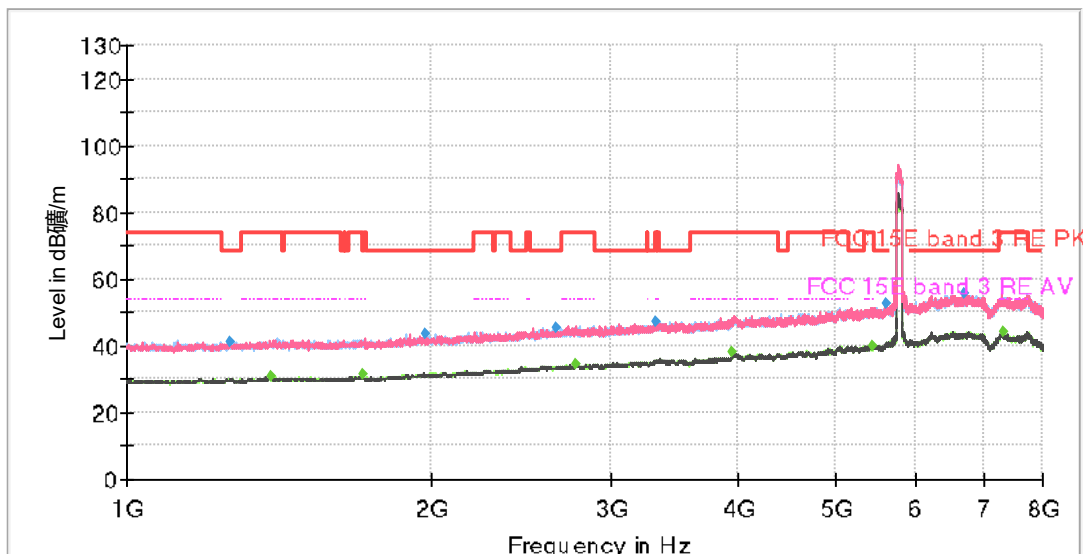
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1267.75	41.65	--	68.20	26.55	500.00	100.0	H	356.00	-11
1398.13	---	30.68	54.00	23.32	500.00	200.0	H	0.00	-11
1708.75	---	30.93	54.00	23.07	500.00	200.0	H	9.00	-10
1914.38	43.20	--	68.20	25.00	500.00	200.0	V	247.00	-9
2581.13	45.49	--	68.20	22.71	500.00	100.0	H	133.00	-5
2775.38	---	34.44	54.00	19.56	500.00	100.0	V	37.00	-5
3473.63	47.76	--	68.20	20.44	500.00	200.0	V	190.00	-4
3970.63	---	38.07	54.00	15.93	500.00	100.0	H	46.00	-1
5176.38	51.98	--	68.20	16.22	500.00	100.0	H	46.00	2
5438.88	---	40.08	54.00	13.92	500.00	200.0	V	11.00	2
7743.63	---	45.42	54.00	8.58	500.00	100.0	V	358.00	11
7795.25	55.70	--	68.20	12.50	500.00	100.0	V	0.00	11



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8248.75	---	36.79	54.00	17.21	500.00	200.0	V	138.00	1
8743.75	48.42	--	68.20	19.78	500.00	100.0	V	2.00	2
9238.75	47.07	--	68.20	21.13	500.00	200.0	H	6.00	2
9307.50	---	36.00	54.00	18.00	500.00	100.0	V	354.00	1
10588.75	43.69	--	68.20	24.51	500.00	200.0	H	95.00	3
11382.50	---	34.49	54.00	19.51	500.00	100.0	V	178.00	5
12646.25	---	30.76	54.00	23.24	500.00	100.0	V	0.00	5
12725.00	40.79	--	68.20	27.41	500.00	200.0	H	168.00	5
15342.50	43.55	--	68.20	24.65	500.00	200.0	V	240.00	6
15706.25	---	34.50	54.00	19.50	500.00	200.0	V	48.00	7
17700.00	49.83	--	68.20	18.37	500.00	200.0	H	8.00	13
17846.25	---	40.79	54.00	13.21	500.00	100.0	H	0.00	15

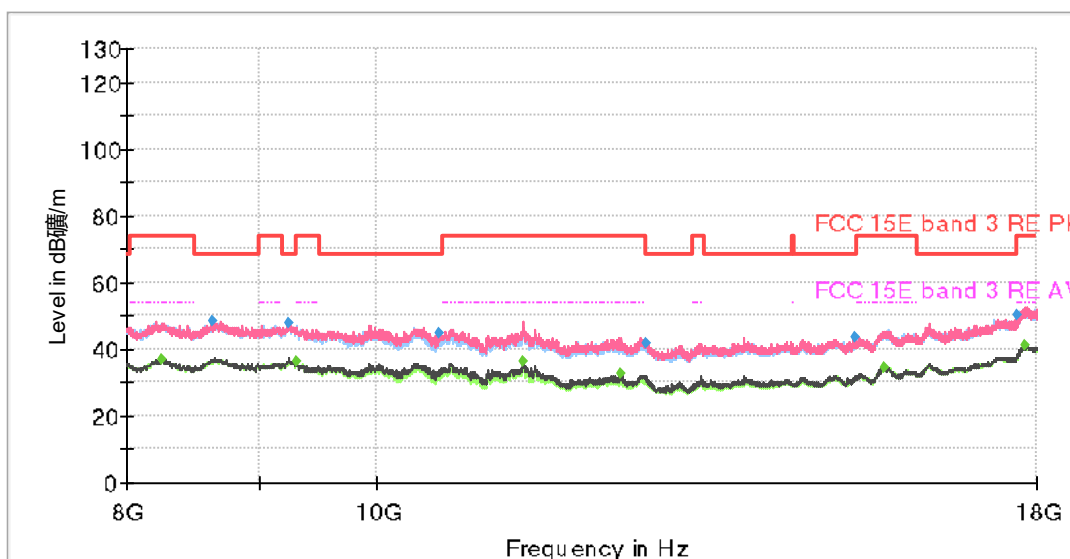
802.11ac (VHT80) CH155



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1265.13	41.30	--	68.20	26.90	500.00	200.0	H	7.00	-11
1390.25	---	30.57	54.00	23.43	500.00	100.0	V	14.00	-11
1708.75	---	31.16	54.00	22.84	500.00	100.0	H	0.00	-10
1973.00	43.78	--	68.20	24.42	500.00	200.0	V	358.00	-8
2655.50	45.47	--	68.20	22.73	500.00	200.0	H	76.00	-5
2771.88	---	34.57	54.00	19.43	500.00	200.0	H	52.00	-5
3324.00	47.44	--	68.20	20.76	500.00	100.0	V	1.00	-3
3958.38	---	37.92	54.00	16.08	500.00	200.0	H	193.00	-1
5444.13	---	40.14	54.00	13.86	500.00	200.0	V	354.00	2
5599.88	52.67	--	68.20	15.53	500.00	200.0	V	103.00	2
6690.13	55.37	--	68.20	12.83	500.00	100.0	H	348.00	7
7311.38	---	44.10	54.00	9.90	500.00	200.0	H	26.00	9



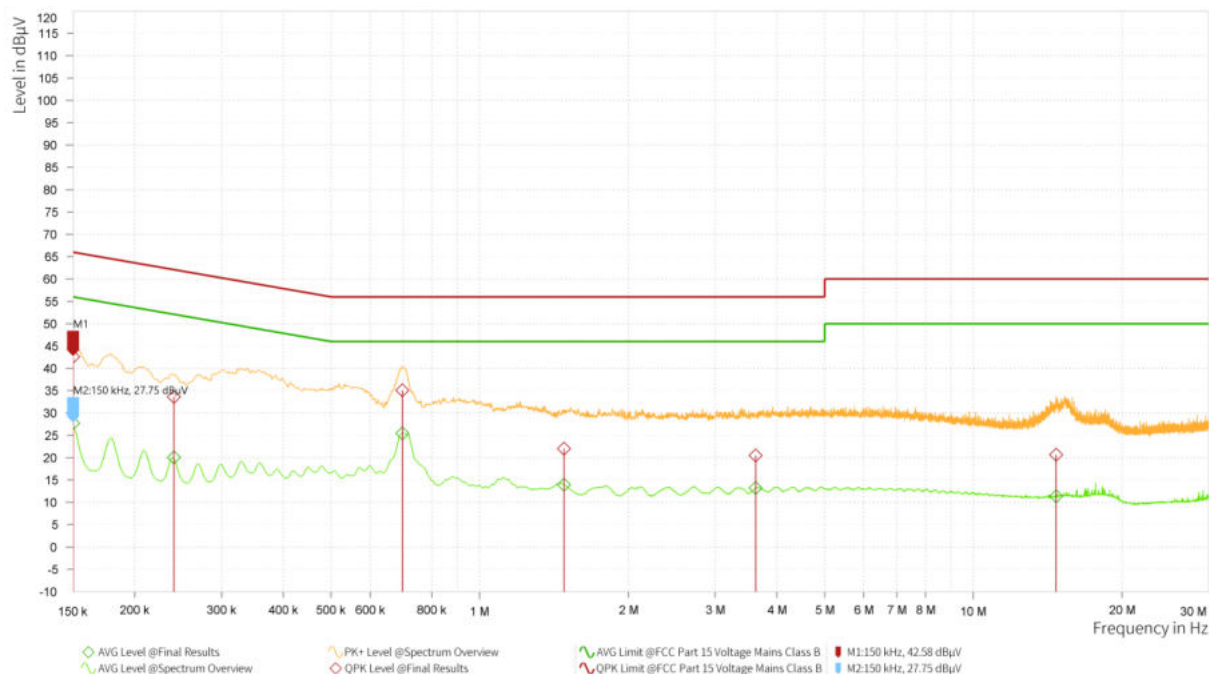
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8261.25	---	37.09	54.00	16.91	500.00	200.0	V	341.00	1
8636.25	48.44	--	68.20	19.76	500.00	100.0	V	5.00	1
9247.50	47.50	--	68.20	20.70	500.00	100.0	H	200.00	2
9301.25	---	36.13	54.00	17.87	500.00	100.0	V	16.00	1
10573.75	44.77	--	68.20	23.43	500.00	100.0	V	300.00	3
11383.75	---	36.42	54.00	17.58	500.00	100.0	V	0.00	5
12421.25	---	32.88	54.00	21.12	500.00	100.0	V	87.00	5
12707.50	42.00	--	68.20	26.20	500.00	200.0	H	203.00	5
15320.00	43.49	--	68.20	24.71	500.00	200.0	V	0.00	6
15718.75	---	34.48	54.00	19.52	500.00	200.0	V	0.00	7
17692.50	50.48	--	68.20	17.72	500.00	200.0	V	307.00	13
17815.00	---	41.07	54.00	12.93	500.00	100.0	V	163.00	15

2. Conducted Emission

2.1. Wi-Fi 5GHz

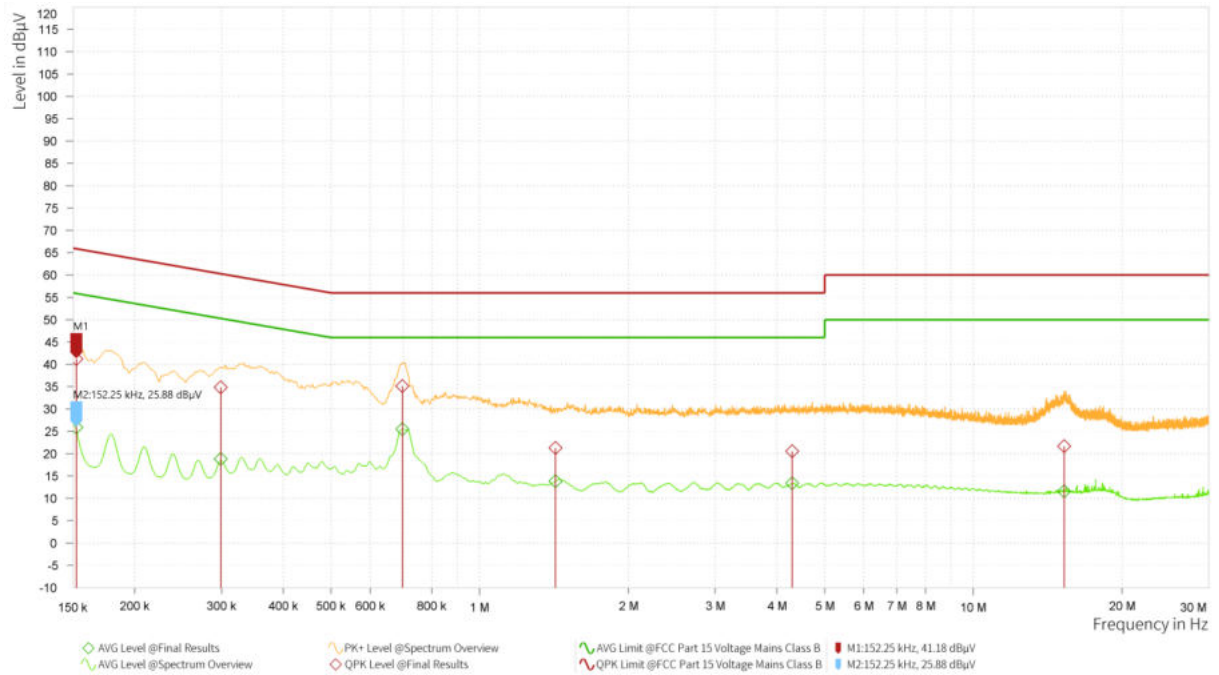
During the test, the Conducted Emission was performed in all modes with all channels. The test data of the worst-case condition (802.11n (HT20) CH64) was recorded in this report.



Frequency [MHz]	QPK Level [dBμV]	QPK Limit [dBμV]	QPK Margin [dB]	AVG Level [dBμV]	AVG Limit [dBμV]	AVG Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]	Meas. Time [s]
0.150	42.58	66.00	23.42	27.75	56.00	28.25	20.90	L1	9.000	1.000
0.240	33.62	62.10	28.47	20.03	52.10	32.07	20.99	L1	9.000	1.000
0.697	35.05	56.00	20.95	25.42	46.00	20.58	20.57	L1	9.000	1.000
1.482	22.02	56.00	33.98	13.94	46.00	32.06	19.85	L1	9.000	1.000
3.622	20.52	56.00	35.48	13.19	46.00	32.81	19.44	L1	9.000	1.000
14.712	20.68	60.00	39.32	11.35	50.00	38.65	19.49	L1	9.000	1.000

Remark: Correct factor=cable loss + LISN factor

L line Conducted Emission from 150 kHz to 30 MHz



Frequency [MHz]	QPK Level [dBμV]	QPK Limit [dBμV]	QPK Margin [dB]	AVG Level [dBμV]	AVG Limit [dBμV]	AVG Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]	Meas. Time [s]
0.152	41.18	65.88	24.70	25.88	55.88	29.99	20.91	N	9.000	1.000
0.299	34.83	60.28	25.46	18.80	50.28	31.49	20.95	N	9.000	1.000
0.697	35.11	56.00	20.89	25.49	46.00	20.51	20.58	N	9.000	1.000
1.424	21.27	56.00	34.73	13.82	46.00	32.18	19.89	N	9.000	1.000
4.297	20.56	56.00	35.44	13.36	46.00	32.64	19.43	N	9.000	1.000
15.281	21.67	60.00	38.33	11.61	50.00	38.39	19.54	N	9.000	1.000

Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 kHz to 30 MHz