

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 (Z axis) and the loop antenna is coplanar, the others are vertical and horizontal. and the worst case was recorded.

1. Unwanted Emission

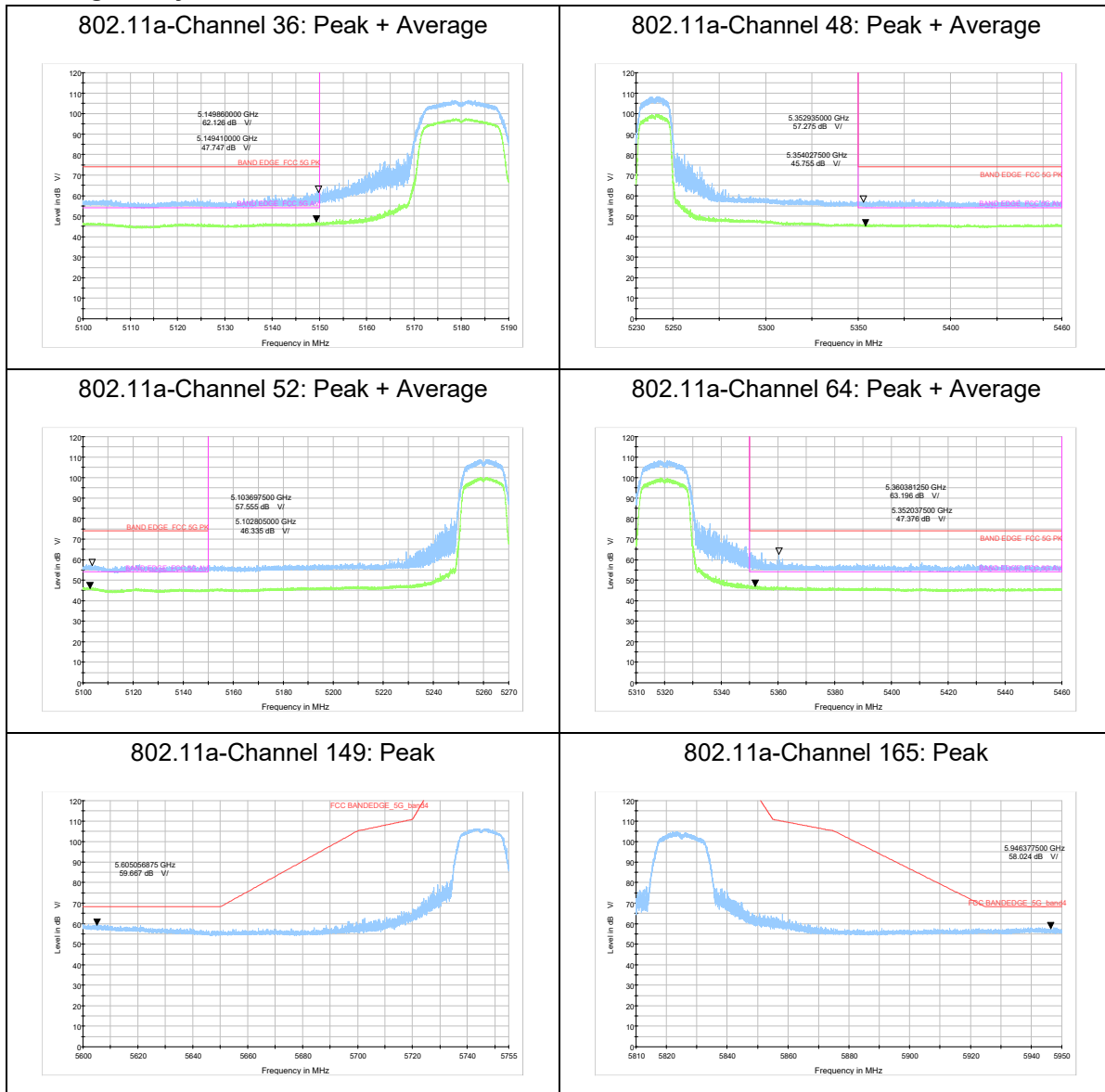
1.1. Wi-Fi 5GHz

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.

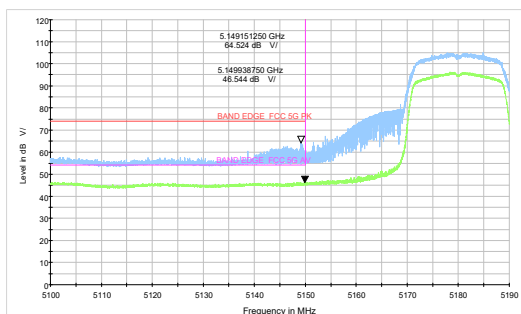
A symbol ($\text{dB } \mu\text{V/m}$) in the test plot below means ($\text{dB}\mu\text{V/m}$)

The modulation and bandwidth are similar for 802.11n mode for 20MHz/40MHz and 802.11ac mode for 20MHz/40MHz/80MHz, therefore investigated worst case to representative mode in test report.

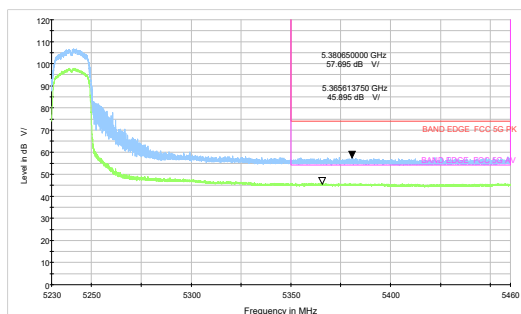
The signal beyond the limit is carrier.



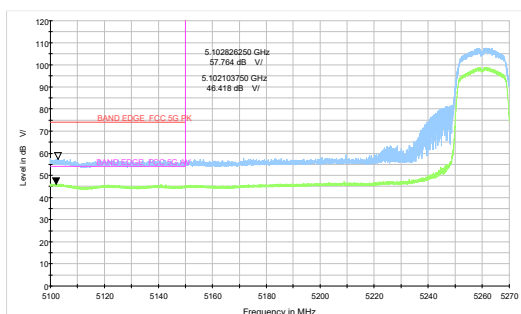
802.11n HT20-Channel 36: Peak + Average



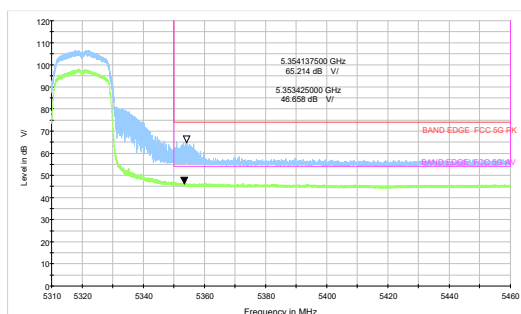
802.11n HT20-Channel 48: Peak + Average



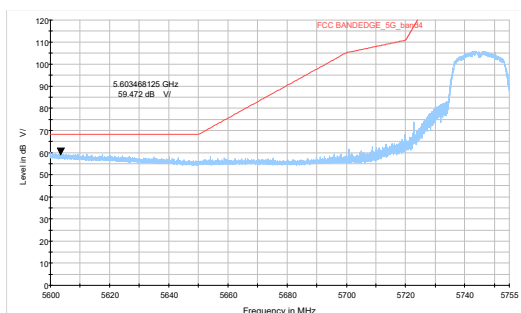
802.11n HT20-Channel 52: Peak + Average



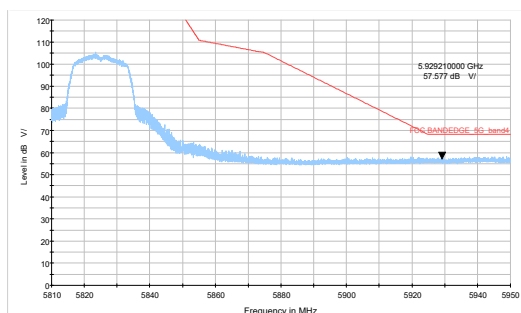
802.11n HT20-Channel 64: Peak + Average



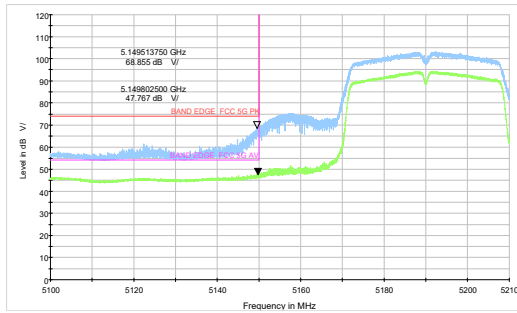
802.11n HT20-Channel 149: Peak



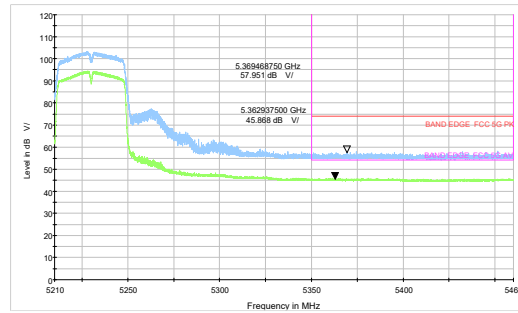
802.11n HT20-Channel 165: Peak



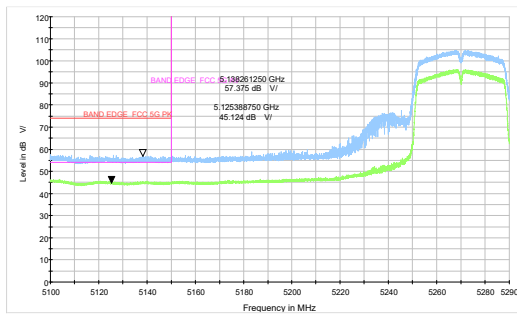
802.11n HT40-Channel 38: Peak + Average



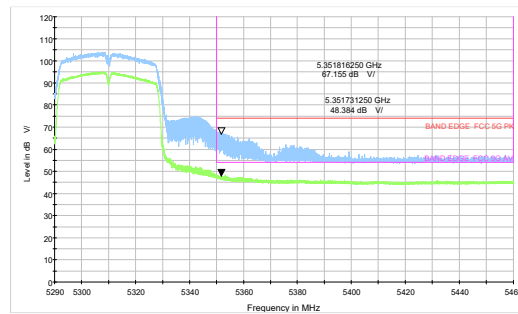
802.11n HT40-Channel 46: Peak + Average



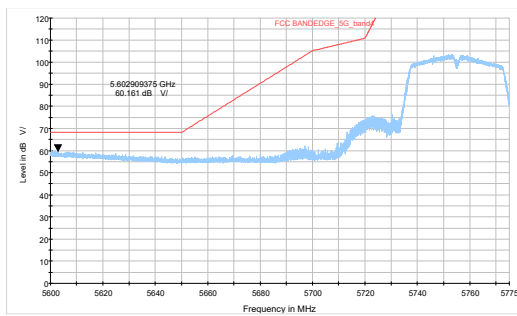
802.11n HT40-Channel 54: Peak + Average



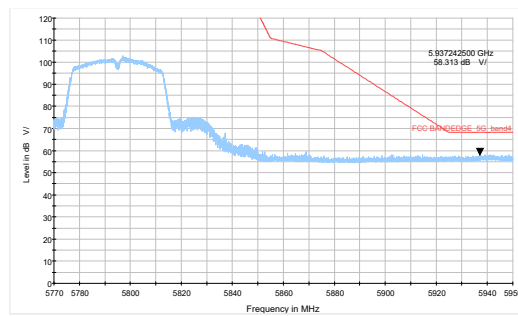
802.11n HT40-Channel 62: Peak + Average



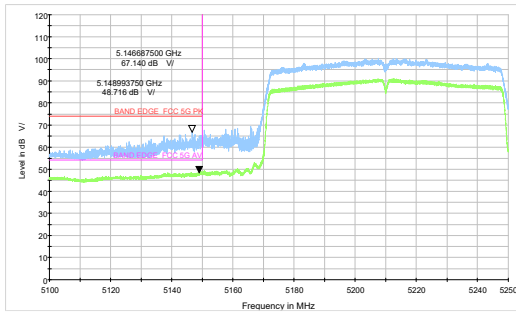
802.11n HT40-Channel 151: Peak



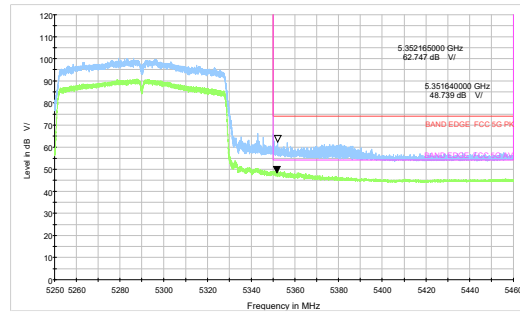
802.11n HT40-Channel 159: Peak



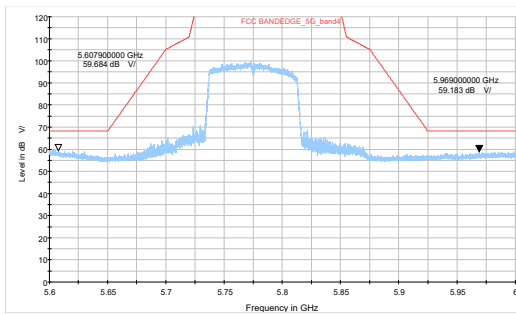
802.11ac VHT80 –Channel 42: Peak + Average



802.11ac VHT80 –Channel 58: Peak + Average



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 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)
A symbol (dB μ V) 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**

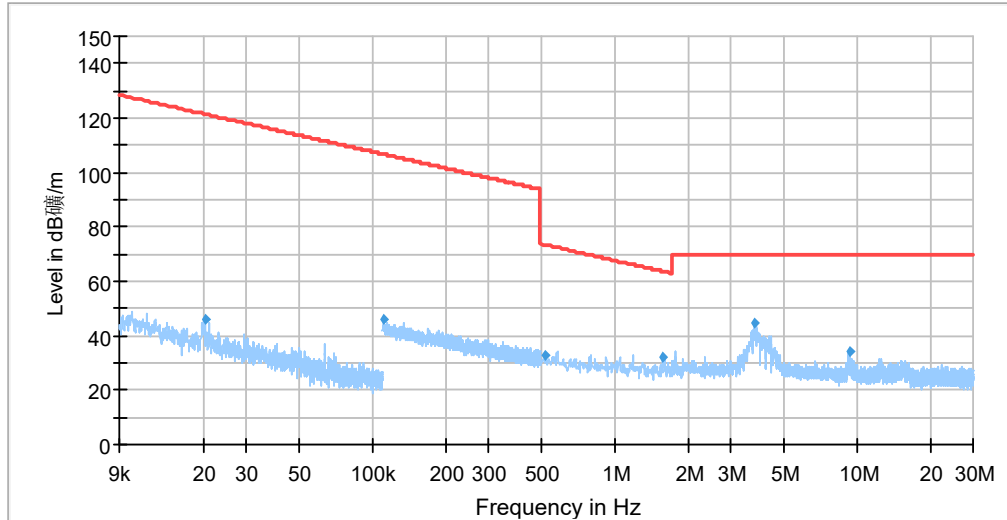
 QP Level @Spectrum Overview H
  QP Level @Spectrum Overview V
  QP Level @Final Results
  QP Limit

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

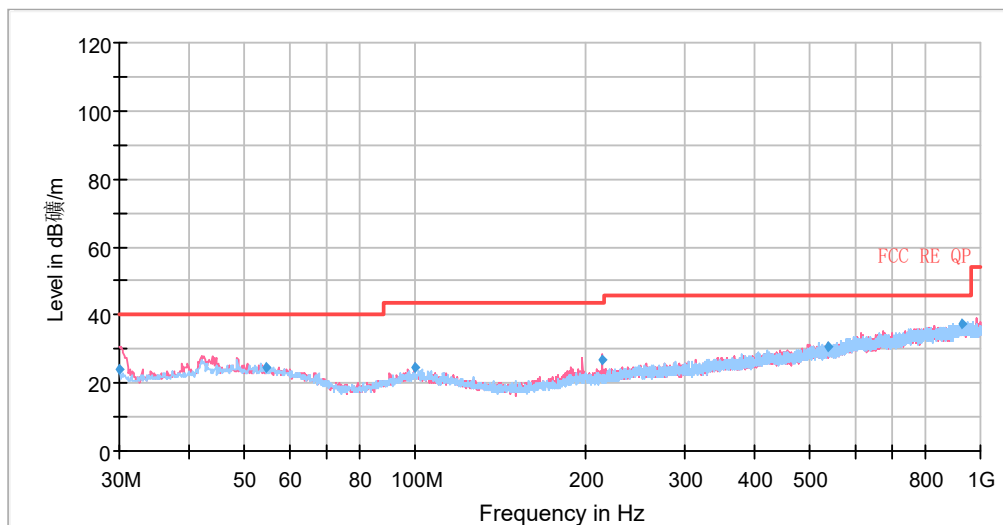
Continuous TX mode:

During the test, the Radiates Emission from 9kHz to 1GHz was performed in all modes with all channels. The test data of the worst-case condition (802.11n (HT40) CH62) was recorded in this report.



Radiates Emission from 9kHz to 30MHz

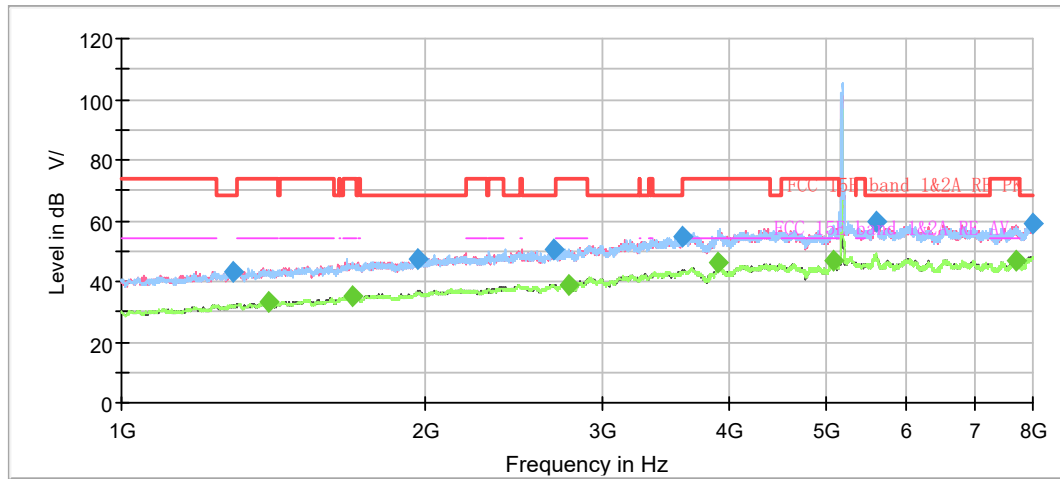
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Azimuth (deg)	Correct Factor (dB)
0.02	46.17	121.47	75.30	500.00	322.00	17
0.11	46.27	106.73	60.46	150.00	231.00	17
0.52	33.09	73.35	40.26	150.00	359.00	17
1.57	31.83	63.65	31.82	150.00	211.00	17
3.78	44.46	69.50	25.04	150.00	238.00	17
9.27	34.00	69.50	35.50	150.00	290.00	17



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)
30.00	23.76	40.00	16.24	100.0	V	320.00	17
54.37	24.75	40.00	15.25	200.0	H	132.00	20
100.20	24.44	43.50	19.06	100.0	V	0.00	19
214.54	26.86	43.50	16.64	200.0	V	0.00	18
538.04	30.76	46.00	15.24	100.0	V	237.00	26
930.16	37.41	46.00	8.59	200.0	H	1.00	32

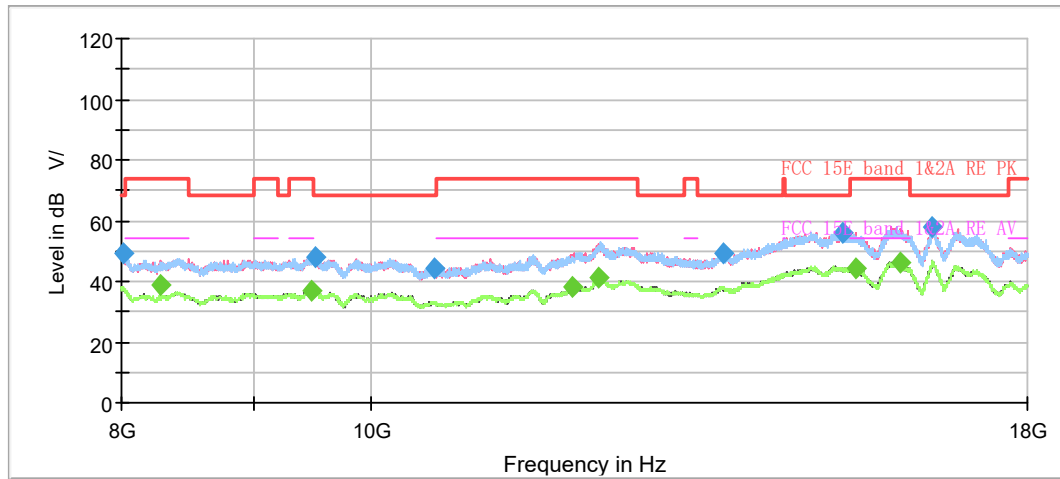
802.11a CH36



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

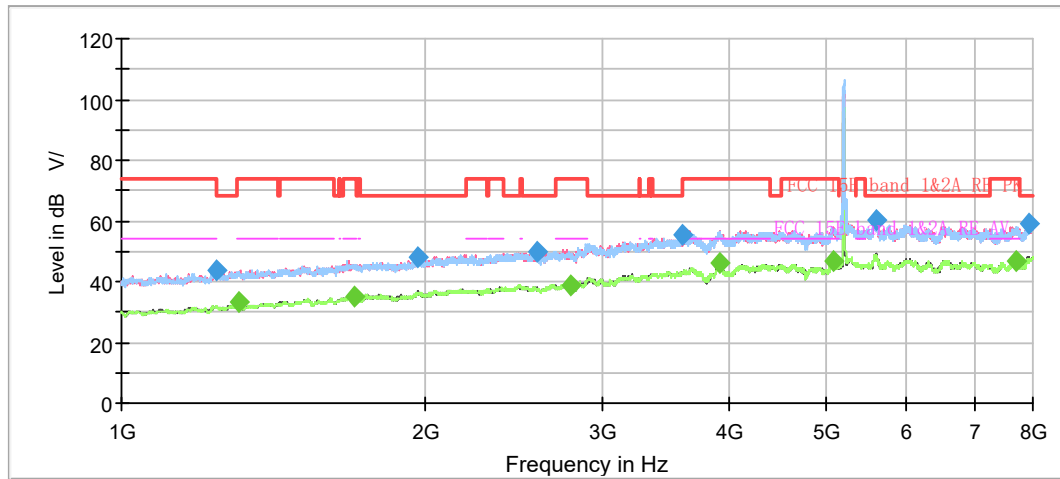
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1292.250000	43.15	---	68.20	25.05	500.0	200.0	H	104.0	-3.2
1400.750000	---	32.99	54.00	21.01	500.0	200.0	H	9.0	-2.3
1694.750000	---	35.10	54.00	18.90	500.0	100.0	V	245.0	0.3
1967.750000	47.34	---	68.20	20.86	500.0	200.0	V	194.0	2.3
2681.750000	50.56	---	68.20	17.64	500.0	100.0	V	53.0	5.6
2771.875000	---	38.92	54.00	15.08	500.0	100.0	H	186.0	5.7
3594.375000	54.69	---	68.20	13.51	500.0	100.0	V	143.0	10.9
3904.125000	---	46.40	54.00	7.60	500.0	100.0	V	79.0	13.3
5065.250000	---	46.85	54.00	7.15	500.0	200.0	H	270.0	15.4
5586.750000	59.94	---	68.20	8.26	500.0	200.0	V	306.0	17.9
7694.625000	---	46.92	54.00	7.08	500.0	100.0	H	274.0	19.3
7991.250000	59.21	---	68.20	8.99	500.0	100.0	H	334.0	19.9



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)
8007.500000	49.47	---	68.20	18.73	500.0	200.0	V	0.0	9.6
8287.500000	---	38.63	54.00	15.37	500.0	100.0	V	0.0	8.0
9488.750000	---	36.81	54.00	17.19	500.0	100.0	V	301.0	9.4
9516.250000	47.70	---	68.20	20.50	500.0	100.0	V	158.0	8.8
10591.250000	44.49	---	68.20	23.71	500.0	200.0	H	121.0	6.6
11977.500000	---	38.06	54.00	15.94	500.0	200.0	V	226.0	11.7
12266.250000	---	41.27	54.00	12.73	500.0	100.0	V	0.0	14.4
13725.000000	49.39	---	68.20	18.81	500.0	100.0	H	0.0	12.7
15267.500000	56.15	---	68.20	12.05	500.0	100.0	H	145.0	16.9
15427.500000	---	44.28	54.00	9.72	500.0	100.0	V	169.0	18.3
16060.000000	---	46.24	54.00	7.76	500.0	100.0	H	4.0	20.2
16537.500000	58.08	---	68.20	10.12	500.0	100.0	V	144.0	20.5

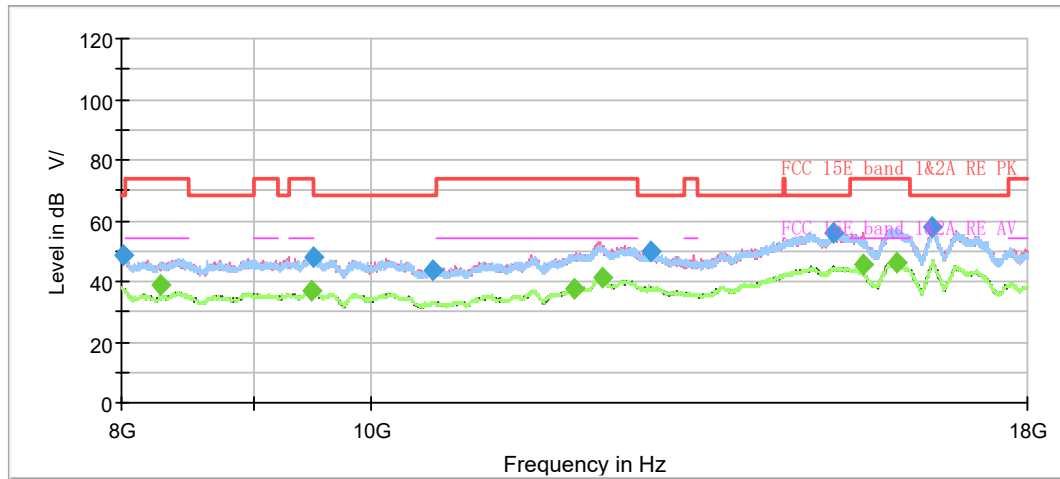
802.11a CH40



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

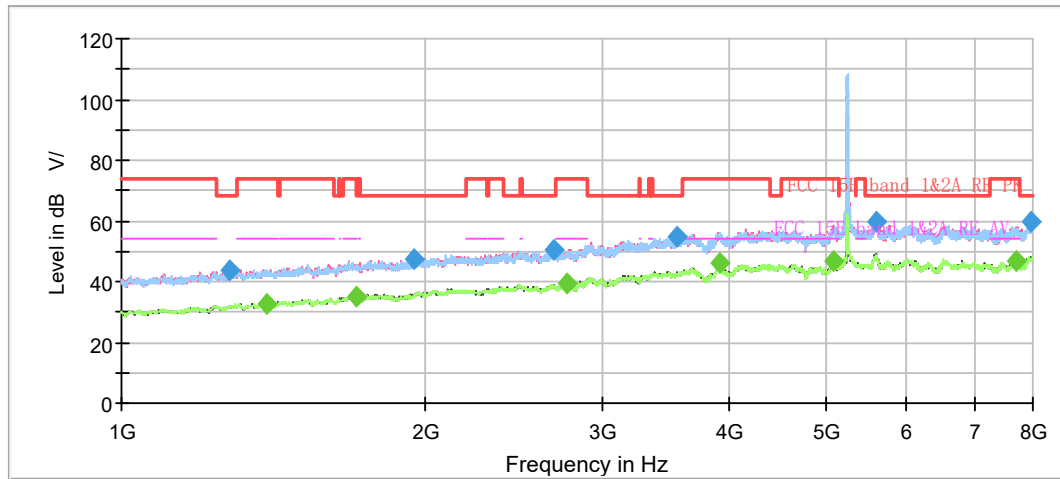
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1243.250000	43.88	---	68.20	24.32	500.0	100.0	V	54.0	-3.6
1309.750000	---	32.93	54.00	21.07	500.0	100.0	V	335.0	-2.2
1699.125000	---	35.21	54.00	18.79	500.0	200.0	H	11.0	0.4
1964.250000	48.08	---	68.20	20.12	500.0	200.0	V	300.0	2.1
2575.875000	49.84	---	68.20	18.36	500.0	200.0	H	213.0	5.0
2791.125000	---	38.90	54.00	15.10	500.0	200.0	V	300.0	5.7
3590.875000	55.19	---	68.20	13.01	500.0	200.0	V	223.0	10.8
3908.500000	---	46.13	54.00	7.87	500.0	100.0	V	29.0	13.7
5069.625000	---	46.73	54.00	7.27	500.0	200.0	H	2.0	15.3
5592.875000	60.19	---	68.20	8.01	500.0	200.0	V	223.0	18.1
7688.500000	---	47.03	54.00	6.97	500.0	100.0	V	68.0	19.3
7916.875000	59.37	---	68.20	8.83	500.0	200.0	V	0.0	19.7



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)
8017.500000	48.39	---	68.20	19.81	500.0	100.0	H	26.0	9.3
8287.500000	---	38.87	54.00	15.13	500.0	100.0	V	354.0	8.0
9490.000000	---	36.72	54.00	17.28	500.0	100.0	V	251.0	9.3
9505.000000	48.03	---	68.20	20.17	500.0	100.0	H	26.0	9.1
10567.500000	43.99	---	68.20	24.21	500.0	100.0	V	0.0	6.7
11991.250000	---	37.58	54.00	16.42	500.0	100.0	V	120.0	11.9
12300.000000	---	41.40	54.00	12.60	500.0	200.0	V	0.0	14.2
12842.500000	49.95	---	68.20	18.25	500.0	200.0	H	236.0	12.3
15126.250000	56.17	---	68.20	12.03	500.0	100.0	H	106.0	17.6
15535.000000	---	45.56	54.00	8.44	500.0	100.0	V	303.0	15.4
16011.250000	---	46.07	54.00	7.93	500.0	100.0	H	0.0	20.1
16538.750000	57.66	---	68.20	10.54	500.0	200.0	V	108.0	20.6

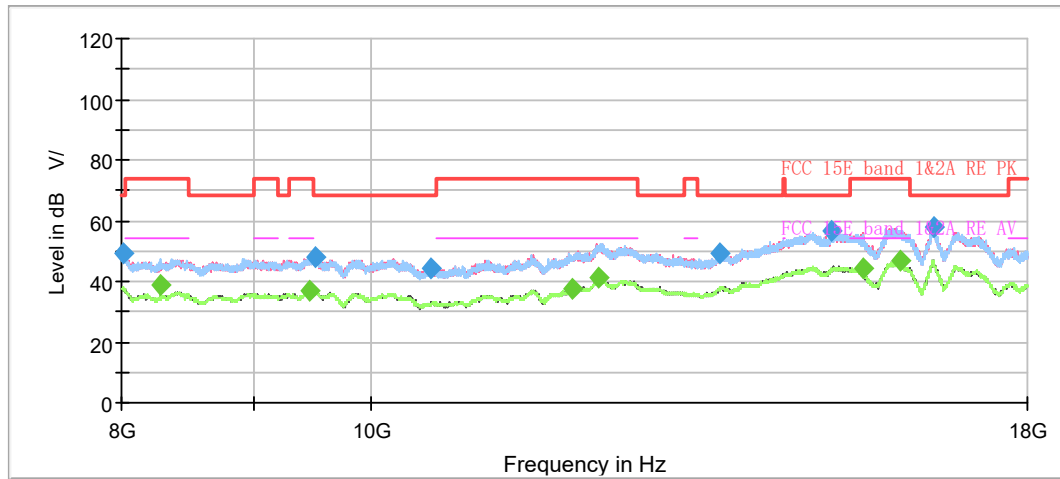
802.11a CH48



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

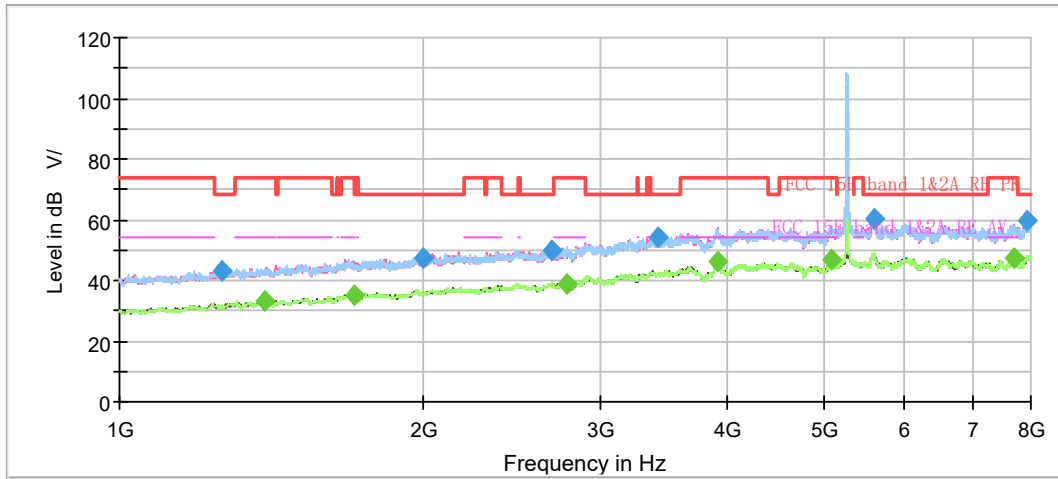
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1280.000000	43.41	---	68.20	24.79	500.0	100.0	V	0.0	-3.1
1392.875000	---	32.92	54.00	21.08	500.0	200.0	H	2.0	-2.4
1707.000000	---	35.16	54.00	18.84	500.0	100.0	V	305.0	0.5
1949.375000	47.62	---	68.20	20.58	500.0	100.0	H	285.0	1.2
2676.500000	50.36	---	68.20	17.84	500.0	200.0	H	75.0	5.7
2765.750000	---	39.08	54.00	14.92	500.0	200.0	V	0.0	5.7
3548.875000	54.70	---	68.20	13.50	500.0	100.0	V	19.0	10.3
3910.250000	---	45.95	54.00	8.05	500.0	200.0	H	239.0	13.6
5070.500000	---	46.97	54.00	7.03	500.0	100.0	V	0.0	15.3
5596.375000	59.83	---	68.20	8.37	500.0	200.0	V	0.0	17.9
7692.875000	---	46.87	54.00	7.13	500.0	100.0	V	31.0	19.3
7968.500000	59.91	---	68.20	8.29	500.0	200.0	V	340.0	19.9



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)
8015.000000	49.21	---	68.20	18.99	500.0	200.0	H	38.0	9.4
8287.500000	---	38.77	54.00	15.23	500.0	100.0	V	330.0	8.0
9472.500000	---	36.83	54.00	17.17	500.0	100.0	H	346.0	9.5
9523.750000	47.84	---	68.20	20.36	500.0	100.0	H	20.0	8.7
10547.500000	44.19	---	68.20	24.01	500.0	200.0	V	59.0	6.5
11985.000000	---	37.78	54.00	16.22	500.0	200.0	H	315.0	11.8
12271.250000	---	41.37	54.00	12.63	500.0	200.0	V	200.0	14.6
13670.000000	49.40	---	68.20	18.80	500.0	100.0	H	253.0	12.6
15110.000000	56.32	---	68.20	11.88	500.0	200.0	V	59.0	17.5
15537.500000	---	44.59	54.00	9.41	500.0	100.0	V	94.0	15.4
16061.250000	---	46.46	54.00	7.54	500.0	100.0	H	0.0	20.2
16552.500000	57.56	---	68.20	10.64	500.0	100.0	V	199.0	20.4

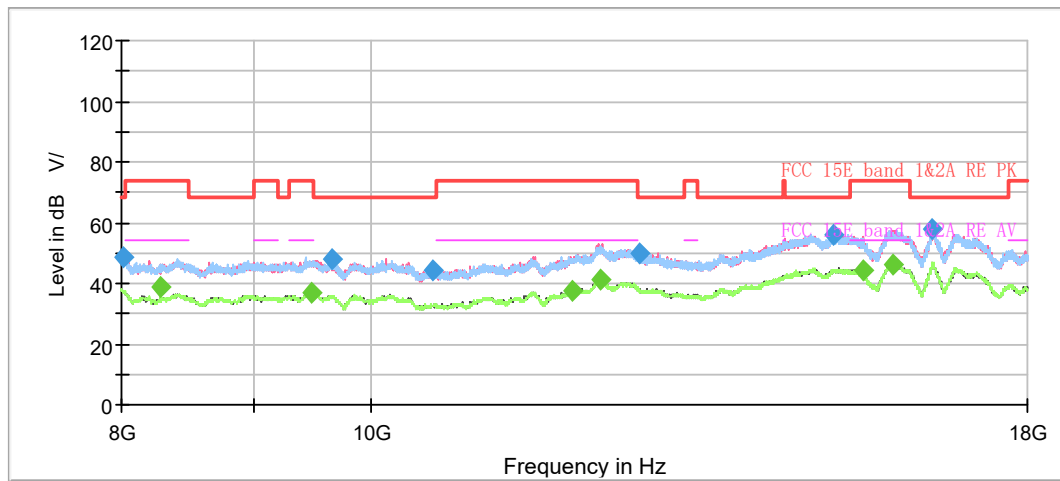
802.11a CH52



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

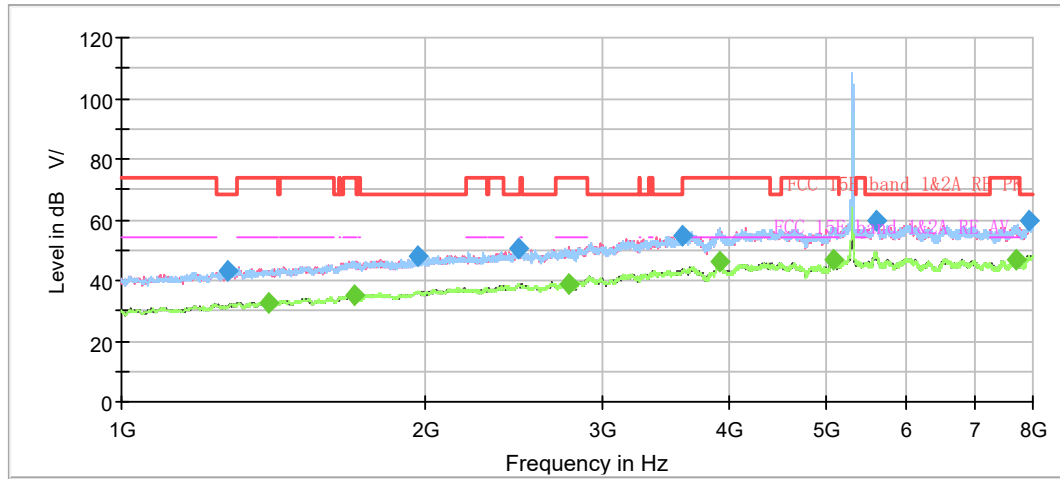
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1266.000000	43.09	---	68.20	25.11	500.0	200.0	H	66.0	-3.8
1392.000000	---	32.98	54.00	21.02	500.0	100.0	H	139.0	-2.4
1707.000000	---	35.30	54.00	18.70	500.0	100.0	V	0.0	0.5
1998.375000	47.58	---	68.20	20.62	500.0	200.0	V	170.0	1.6
2682.625000	50.05	---	68.20	18.15	500.0	100.0	H	343.0	5.6
2776.250000	---	38.86	54.00	15.14	500.0	100.0	H	152.0	5.8
3417.625000	54.20	---	68.20	14.00	500.0	200.0	V	282.0	9.8
3908.500000	---	45.95	54.00	8.05	500.0	100.0	H	290.0	13.7
5069.625000	---	46.65	54.00	7.35	500.0	100.0	H	88.0	15.3
5588.500000	60.13	---	68.20	8.07	500.0	100.0	V	127.0	18.0
7690.250000	---	47.11	54.00	6.89	500.0	200.0	V	295.0	19.3
7939.625000	59.52	---	68.20	8.68	500.0	200.0	V	103.0	19.9



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)
8007.500000	48.55	---	68.20	19.65	500.0	200.0	H	161.0	9.6
8287.500000	---	38.61	54.00	15.39	500.0	100.0	V	357.0	8.0
9482.500000	---	37.12	54.00	16.88	500.0	200.0	V	24.0	9.5
9660.000000	48.18	---	68.20	20.02	500.0	200.0	H	266.0	8.4
10571.250000	44.23	---	68.20	23.97	500.0	100.0	V	270.0	6.7
11987.500000	---	37.76	54.00	16.24	500.0	100.0	V	258.0	11.9
12280.000000	---	41.38	54.00	12.62	500.0	200.0	H	346.0	14.5
12726.250000	49.80	---	68.20	18.40	500.0	100.0	V	281.0	12.8
15142.500000	56.10	---	68.20	12.10	500.0	200.0	V	165.0	17.6
15535.000000	---	44.32	54.00	9.68	500.0	100.0	V	294.0	15.4
15971.250000	---	45.93	54.00	8.07	500.0	100.0	V	0.0	19.8
16545.000000	57.66	---	68.20	10.54	500.0	100.0	H	44.0	20.8

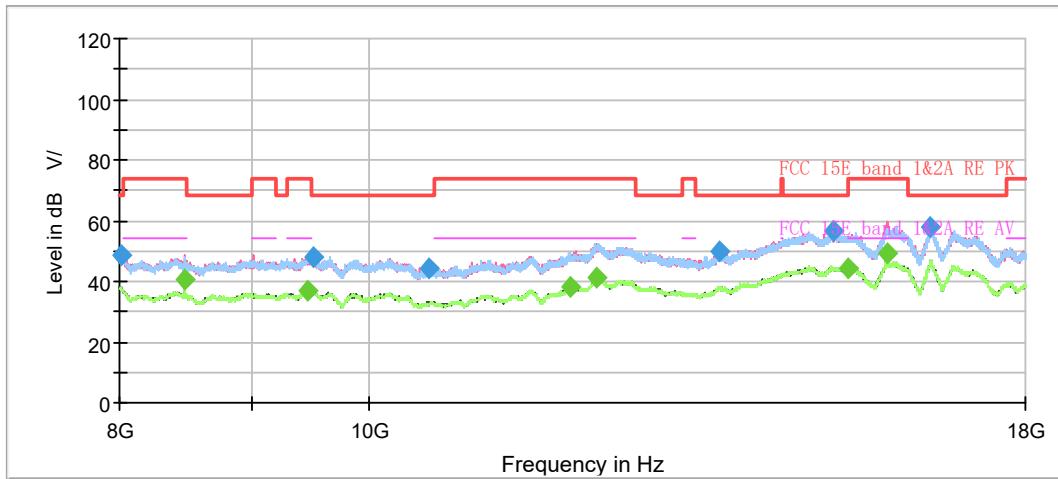
802.11a CH60



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

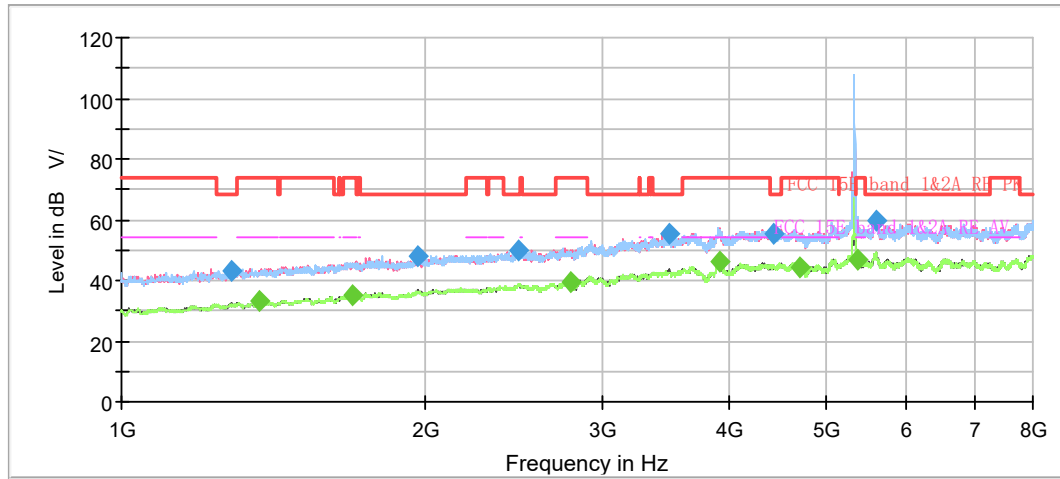
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1273.875000	43.38	---	68.20	24.82	500.0	200.0	H	62.0	-3.5
1401.625000	---	32.80	54.00	21.20	500.0	100.0	H	209.0	-2.3
1700.000000	---	35.18	54.00	18.82	500.0	200.0	H	87.0	0.4
1966.875000	47.74	---	68.20	20.46	500.0	100.0	V	66.0	2.3
2472.625000	50.32	---	68.20	17.88	500.0	100.0	H	260.0	5.1
2778.875000	---	38.87	54.00	15.13	500.0	200.0	H	280.0	5.8
3595.250000	54.71	---	68.20	13.49	500.0	200.0	V	52.0	10.9
3907.625000	---	46.11	54.00	7.89	500.0	200.0	V	170.0	13.6
5070.500000	---	46.73	54.00	7.27	500.0	200.0	H	280.0	15.3
5595.500000	59.53	---	68.20	8.67	500.0	100.0	V	15.0	18.0
7689.375000	---	47.05	54.00	6.95	500.0	100.0	V	297.0	19.4
7923.000000	59.51	---	68.20	8.69	500.0	100.0	V	167.0	19.9



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)
8007.500000	48.76	---	68.20	19.44	500.0	100.0	V	41.0	9.6
8480.000000	---	40.82	54.00	13.18	500.0	100.0	V	185.0	7.8
9472.500000	---	37.11	54.00	16.89	500.0	100.0	H	149.0	9.5
9515.000000	48.02	---	68.20	20.18	500.0	100.0	V	0.0	8.9
10561.250000	44.56	---	68.20	23.64	500.0	200.0	V	45.0	6.6
11987.500000	---	38.13	54.00	15.87	500.0	100.0	V	290.0	11.9
12272.500000	---	41.28	54.00	12.72	500.0	200.0	V	32.0	14.6
13696.250000	49.75	---	68.20	18.45	500.0	200.0	V	32.0	13.1
15151.250000	56.77	---	68.20	11.43	500.0	100.0	V	80.0	17.5
15355.000000	---	44.15	54.00	9.85	500.0	200.0	H	0.0	17.6
15900.000000	---	48.98	54.00	5.02	500.0	100.0	V	330.0	19.2
16543.750000	57.70	---	68.20	10.50	500.0	200.0	H	210.0	20.9

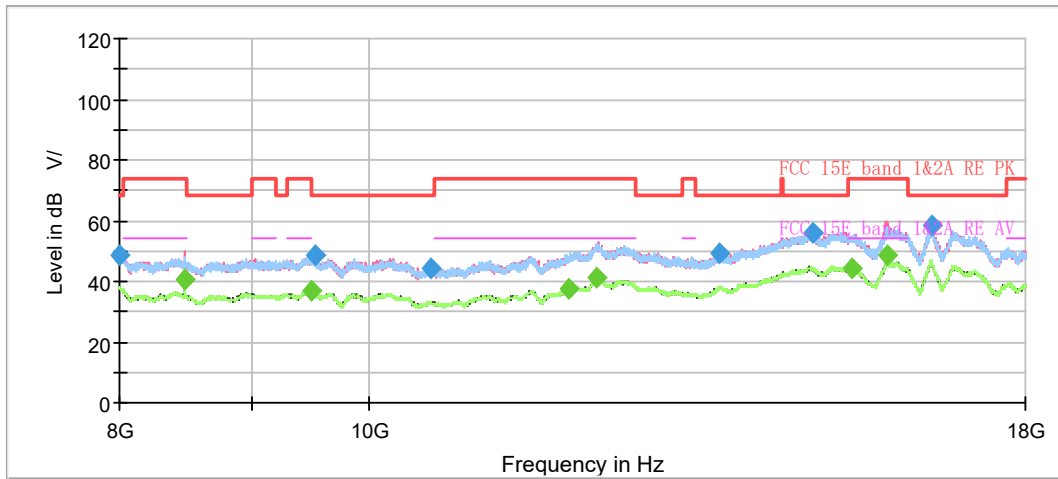
802.11a CH64



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

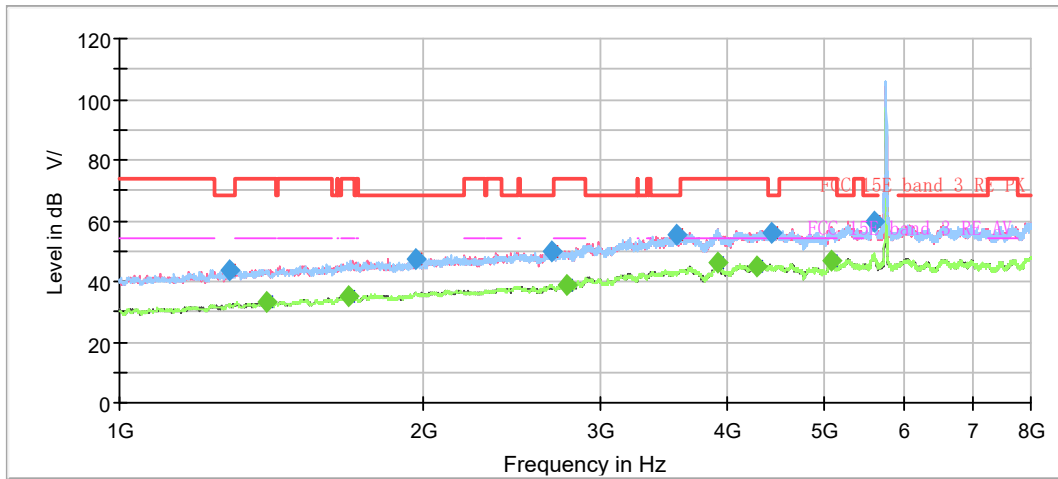
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1287.875000	42.93	---	68.20	25.27	500.0	200.0	V	0.0	-3.1
1371.875000	---	32.95	54.00	21.05	500.0	200.0	H	116.0	-2.4
1694.750000	---	35.13	54.00	18.87	500.0	100.0	V	167.0	0.3
1968.625000	47.97	---	68.20	20.23	500.0	200.0	H	155.0	2.3
2476.125000	50.07	---	68.20	18.13	500.0	200.0	V	294.0	5.1
2785.000000	---	39.12	54.00	14.88	500.0	100.0	H	356.0	5.8
3490.250000	55.20	---	68.20	13.00	500.0	200.0	V	161.0	10.4
3908.500000	---	46.29	54.00	7.71	500.0	100.0	H	140.0	13.7
4437.875000	55.56	---	68.20	12.64	500.0	200.0	V	187.0	12.6
4702.125000	---	44.28	54.00	9.72	500.0	200.0	H	219.0	13.3
5354.875000	---	46.66	54.00	7.34	500.0	100.0	H	90.0	14.9
5589.375000	59.96	---	68.20	8.24	500.0	200.0	V	355.0	18.0



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)
8006.250000	48.53	---	68.20	19.67	500.0	200.0	V	358.0	9.7
8480.000000	---	40.72	54.00	13.28	500.0	100.0	V	190.0	7.8
9492.500000	---	36.82	54.00	17.18	500.0	200.0	H	293.0	9.3
9533.750000	48.64	---	68.20	19.56	500.0	100.0	H	0.0	8.5
10567.500000	44.16	---	68.20	24.04	500.0	100.0	H	158.0	6.7
11951.250000	---	37.83	54.00	16.17	500.0	100.0	V	164.0	11.4
12271.250000	---	41.35	54.00	12.65	500.0	200.0	V	218.0	14.6
13692.500000	49.53	---	68.20	18.67	500.0	200.0	V	0.0	13.2
14882.500000	56.12	---	68.20	12.08	500.0	200.0	H	0.0	18.4
15405.000000	---	44.11	54.00	9.89	500.0	100.0	H	95.0	18.1
15900.000000	---	48.75	54.00	5.25	500.0	100.0	V	53.0	19.2
16546.250000	58.29	---	68.20	9.91	500.0	200.0	H	175.0	20.8

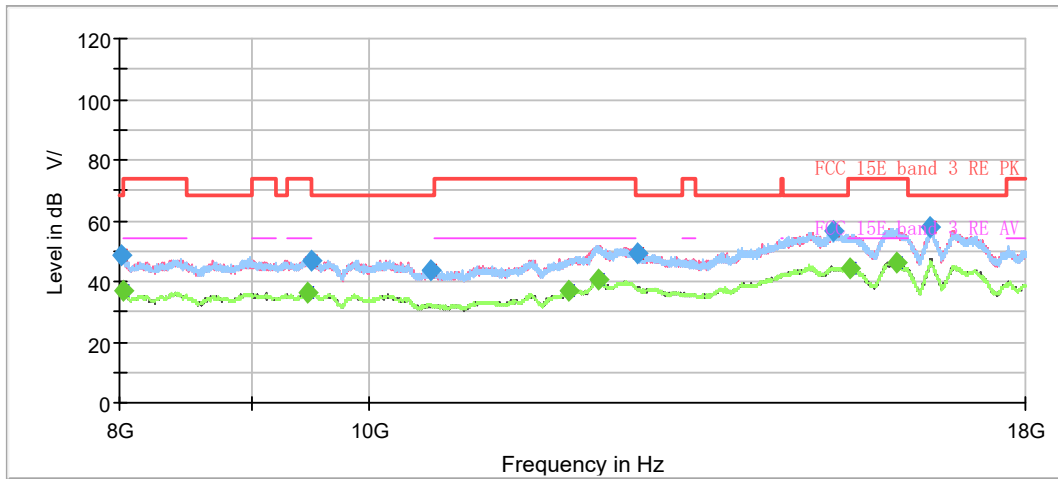
802.11a CH149



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

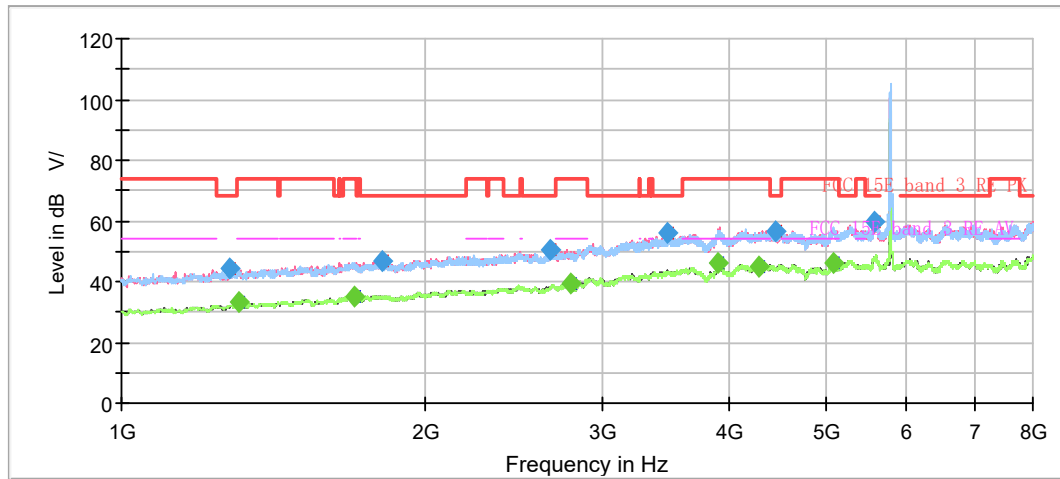
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1284.375000	43.62	---	68.20	24.58	500.0	200.0	V	280.0	-3.0
1400.750000	---	33.12	54.00	20.88	500.0	100.0	H	179.0	-2.3
1688.625000	---	35.14	54.00	18.86	500.0	100.0	V	182.0	0.4
1966.000000	47.40	---	68.20	20.80	500.0	200.0	H	145.0	2.3
2676.500000	49.87	---	68.20	18.33	500.0	200.0	H	119.0	5.7
2774.500000	---	38.92	54.00	15.08	500.0	200.0	H	119.0	5.8
3562.875000	55.49	---	68.20	12.71	500.0	100.0	H	318.0	10.3
3910.250000	---	46.25	54.00	7.75	500.0	100.0	V	219.0	13.6
4287.375000	---	44.73	54.00	9.27	500.0	200.0	V	267.0	12.7
4429.125000	55.71	---	68.20	12.49	500.0	100.0	V	219.0	12.9
5072.250000	---	46.47	54.00	7.53	500.0	100.0	V	43.0	15.2
5594.625000	59.82	---	68.20	8.38	500.0	200.0	V	0.0	18.0



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)
8008.750000	48.47	---	68.20	19.73	500.0	200.0	H	265.0	9.6
8025.000000	---	36.80	54.00	17.20	500.0	100.0	V	266.0	9.0
9465.000000	---	36.45	54.00	17.55	500.0	200.0	V	80.0	9.3
9503.750000	47.00	---	68.20	21.20	500.0	200.0	H	119.0	9.1
10571.250000	43.98	---	68.20	24.22	500.0	200.0	H	278.0	6.7
11970.000000	---	36.70	54.00	17.30	500.0	100.0	H	99.0	11.6
12290.000000	---	40.86	54.00	13.14	500.0	100.0	H	296.0	14.3
12718.750000	49.29	---	68.20	18.91	500.0	100.0	V	132.0	12.8
15155.000000	56.33	---	68.20	11.87	500.0	200.0	V	157.0	17.5
15397.500000	---	44.30	54.00	9.70	500.0	100.0	H	46.0	18.0
16055.000000	---	46.38	54.00	7.62	500.0	200.0	H	305.0	20.3
16541.250000	57.88	---	68.20	10.32	500.0	100.0	H	138.0	20.8

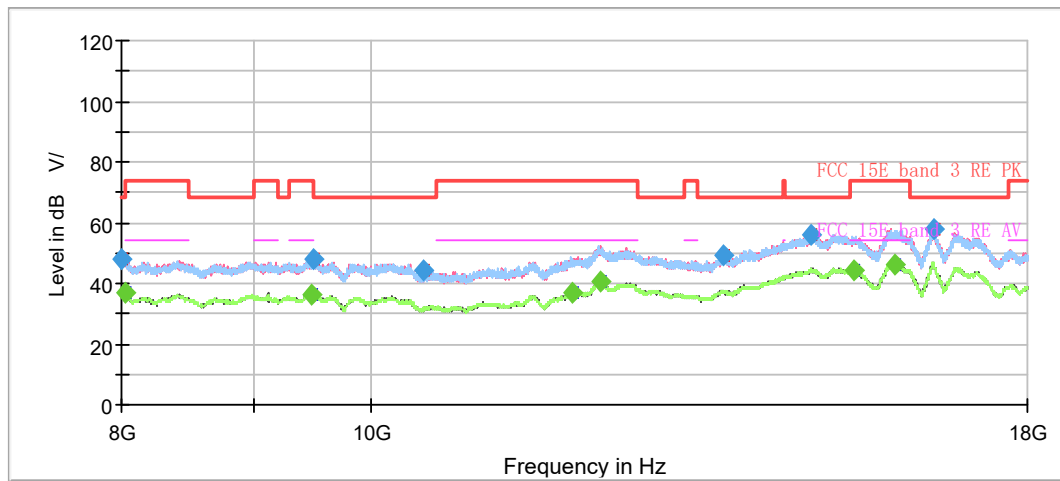
802.11a CH157



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

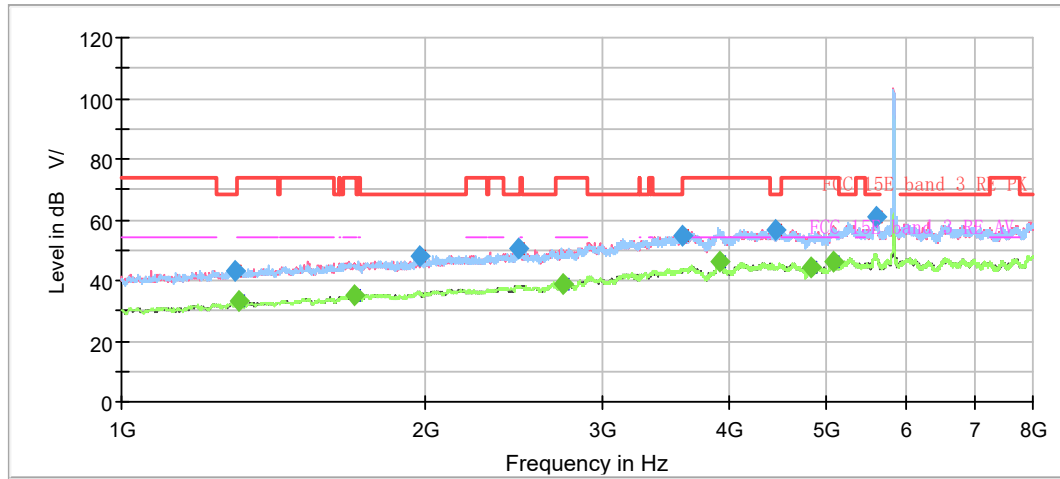
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1280.875000	44.37	---	68.20	23.83	500.0	100.0	H	338.0	-3.1
1308.875000	---	32.96	54.00	21.04	500.0	100.0	V	156.0	-2.1
1704.375000	---	35.16	54.00	18.84	500.0	200.0	V	80.0	0.4
1810.250000	47.02	---	68.20	21.18	500.0	100.0	V	92.0	0.8
2655.500000	50.60	---	68.20	17.60	500.0	100.0	H	324.0	5.1
2781.500000	---	39.42	54.00	14.58	500.0	200.0	V	119.0	5.8
3474.500000	55.83	---	68.20	12.37	500.0	100.0	V	258.0	10.4
3905.875000	---	46.25	54.00	7.75	500.0	200.0	V	270.0	13.5
4283.000000	---	45.05	54.00	8.95	500.0	100.0	V	55.0	12.6
4441.375000	56.57	---	68.20	11.63	500.0	200.0	V	196.0	12.5
5071.375000	---	46.31	54.00	7.69	500.0	100.0	H	300.0	15.2
5582.375000	59.84	---	68.20	8.36	500.0	100.0	V	81.0	17.7



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)
8001.250000	47.91	---	68.20	20.29	500.0	200.0	V	85.0	9.9
8028.750000	---	36.79	54.00	17.21	500.0	200.0	H	258.0	8.8
9483.750000	---	36.37	54.00	17.63	500.0	200.0	H	285.0	9.4
9507.500000	47.72	---	68.20	20.48	500.0	100.0	H	276.0	9.0
10491.250000	44.24	---	68.20	23.96	500.0	100.0	V	293.0	6.1
11975.000000	---	37.05	54.00	16.95	500.0	100.0	V	307.0	11.7
12273.750000	---	40.86	54.00	13.14	500.0	100.0	H	77.0	14.6
13722.500000	49.31	---	68.20	18.89	500.0	200.0	V	205.0	12.7
14831.250000	56.10	---	68.20	12.10	500.0	100.0	H	0.0	19.3
15406.250000	---	44.24	54.00	9.76	500.0	200.0	H	30.0	18.1
15992.500000	---	46.26	54.00	7.74	500.0	200.0	V	72.0	20.0
16550.000000	57.65	---	68.20	10.55	500.0	200.0	V	0.0	20.5

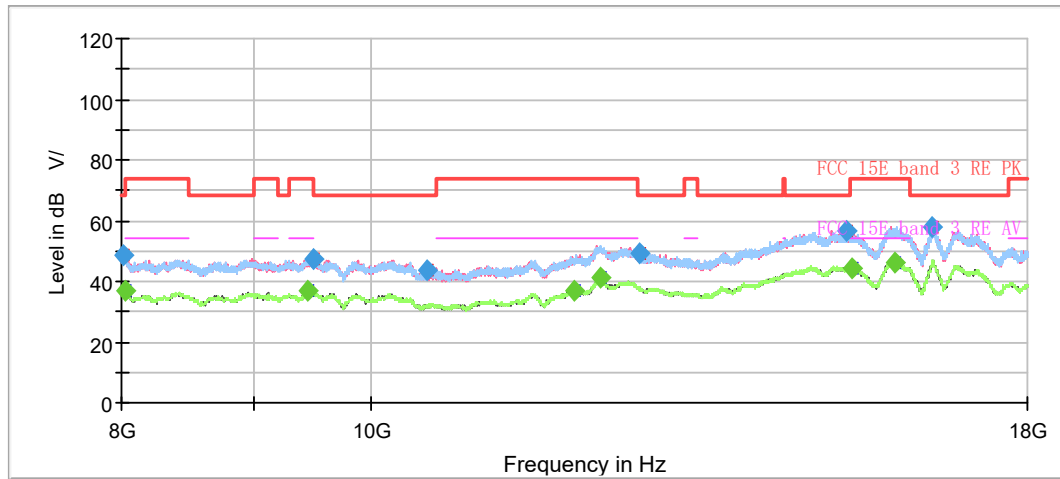
802.11a CH165



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

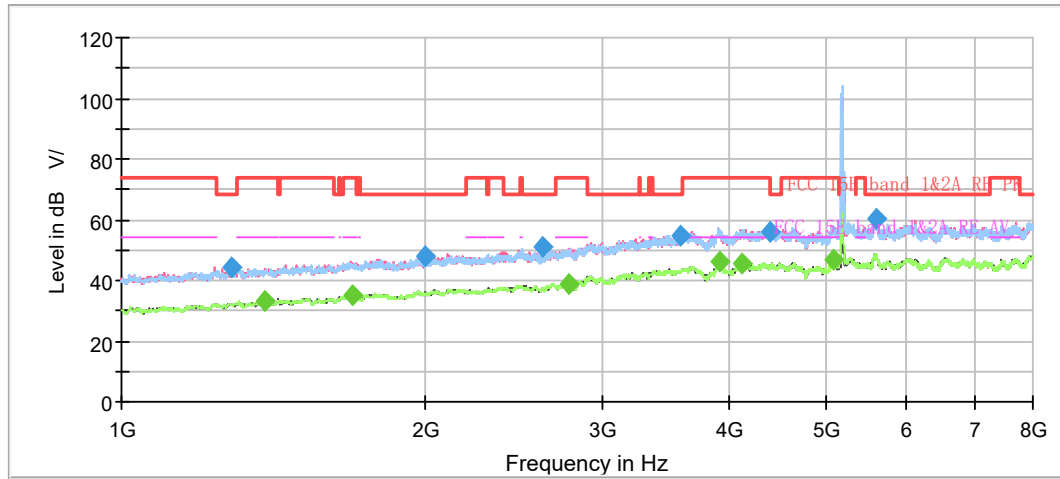
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1296.625000	43.32	---	68.20	24.88	500.0	100.0	V	0.0	-3.1
1308.875000	---	32.94	54.00	21.06	500.0	100.0	V	336.0	-2.1
1703.500000	---	35.22	54.00	18.78	500.0	100.0	V	0.0	0.4
1973.875000	48.30	---	68.20	19.90	500.0	100.0	H	250.0	2.1
2469.125000	50.27	---	68.20	17.93	500.0	200.0	V	255.0	4.9
2743.000000	---	39.05	54.00	14.95	500.0	200.0	H	44.0	5.7
3599.625000	54.68	---	68.20	13.52	500.0	200.0	H	0.0	11.0
3910.250000	---	46.19	54.00	7.81	500.0	200.0	V	359.0	13.6
4451.875000	56.79	---	68.20	11.41	500.0	100.0	H	50.0	12.3
4829.875000	---	44.05	54.00	9.95	500.0	200.0	V	141.0	12.8
5070.500000	---	46.32	54.00	7.68	500.0	100.0	V	61.0	15.3
5587.625000	60.91	---	68.20	7.29	500.0	100.0	V	258.0	17.9



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)
8008.750000	48.53	---	68.20	19.67	500.0	200.0	H	0.0	9.6
8028.750000	---	37.05	54.00	16.95	500.0	200.0	V	31.0	8.8
9458.750000	---	36.70	54.00	17.30	500.0	100.0	H	174.0	9.2
9506.250000	47.57	---	68.20	20.63	500.0	200.0	V	64.0	9.0
10518.750000	43.59	---	68.20	24.61	500.0	100.0	H	5.0	6.3
11997.500000	---	36.79	54.00	17.21	500.0	100.0	V	297.0	12.0
12277.500000	---	41.22	54.00	12.78	500.0	100.0	H	19.0	14.6
12728.750000	49.42	---	68.20	18.78	500.0	200.0	V	64.0	12.8
15301.250000	56.64	---	68.20	11.56	500.0	100.0	H	186.0	17.1
15380.000000	---	44.14	54.00	9.86	500.0	200.0	H	0.0	17.9
16000.000000	---	46.14	54.00	7.86	500.0	200.0	H	317.0	20.0
16540.000000	57.94	---	68.20	10.26	500.0	200.0	H	356.0	20.7

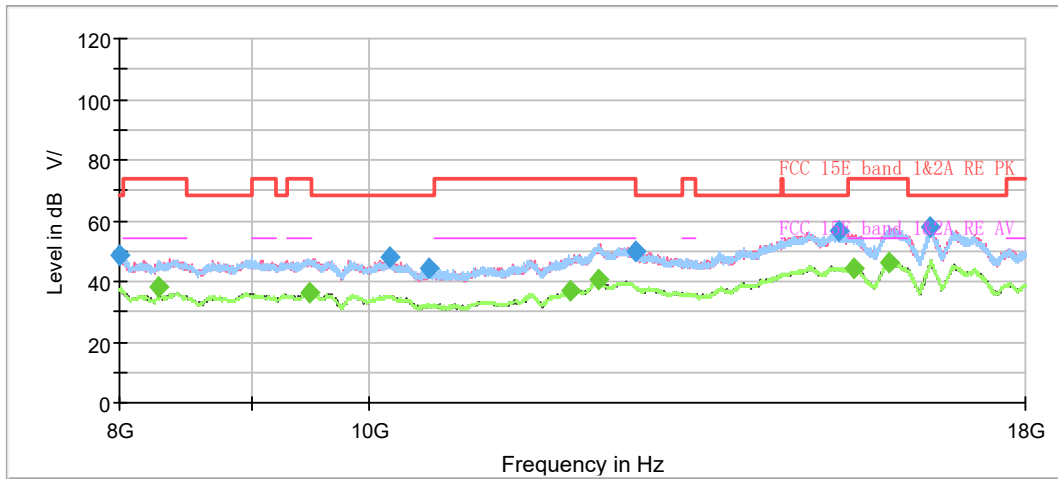
802.11n (HT20) CH36



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

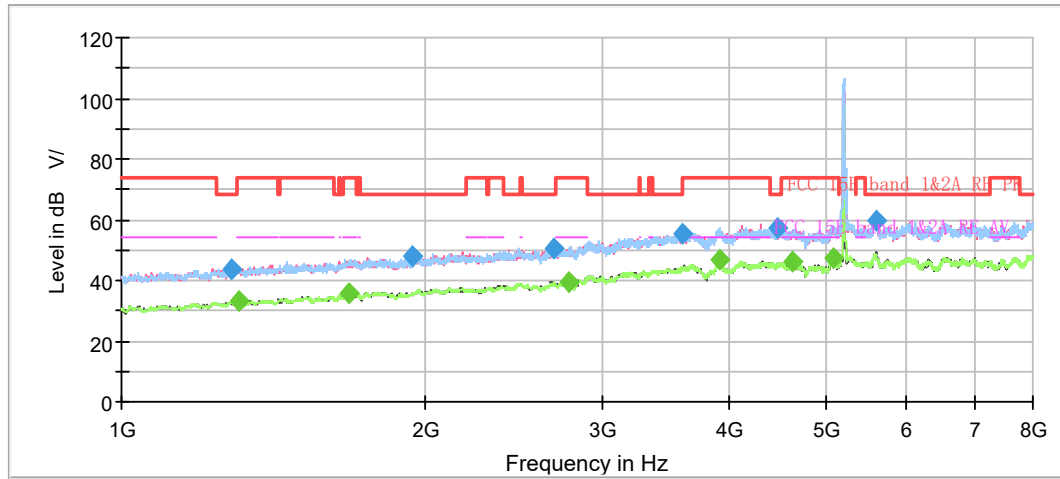
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1285.250000	44.20	---	68.20	24.00	500.0	100.0	V	281.0	-3.0
1388.500000	---	33.01	54.00	20.99	500.0	200.0	H	211.0	-2.4
1695.625000	---	35.20	54.00	18.80	500.0	100.0	V	89.0	0.3
1997.500000	47.76	---	68.20	20.44	500.0	100.0	H	336.0	1.6
2617.000000	50.83	---	68.20	17.37	500.0	100.0	H	309.0	4.1
2778.000000	---	38.87	54.00	15.13	500.0	200.0	H	2.0	5.8
3578.625000	54.94	---	68.20	13.26	500.0	100.0	H	221.0	10.5
3907.625000	---	46.31	54.00	7.69	500.0	100.0	V	64.0	13.6
4120.250000	---	45.25	54.00	8.75	500.0	200.0	V	335.0	13.0
4393.250000	56.02	---	74.00	17.98	500.0	200.0	V	0.0	13.6
5081.875000	---	46.57	54.00	7.43	500.0	200.0	H	75.0	15.0
5592.000000	60.13	---	68.20	8.07	500.0	200.0	V	347.0	18.2



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)
8003.750000	48.33	---	68.20	19.87	500.0	100.0	H	67.0	9.8
8287.500000	---	38.08	54.00	15.92	500.0	100.0	H	27.0	8.0
9491.250000	---	36.51	54.00	17.49	500.0	200.0	V	92.0	9.3
10187.500000	47.78	---	68.20	20.42	500.0	100.0	H	293.0	8.9
10553.750000	44.08	---	68.20	24.12	500.0	100.0	H	80.0	6.5
11988.750000	---	37.16	54.00	16.84	500.0	200.0	H	135.0	11.9
12273.750000	---	40.75	54.00	13.25	500.0	200.0	V	171.0	14.6
12710.000000	49.88	---	68.20	18.32	500.0	200.0	V	210.0	12.9
15242.500000	56.40	---	68.20	11.80	500.0	100.0	H	320.0	17.1
15427.500000	---	44.38	54.00	9.62	500.0	100.0	H	67.0	18.3
15923.750000	---	46.21	54.00	7.79	500.0	200.0	V	265.0	19.4
16536.250000	57.87	---	68.20	10.33	500.0	100.0	H	119.0	20.4

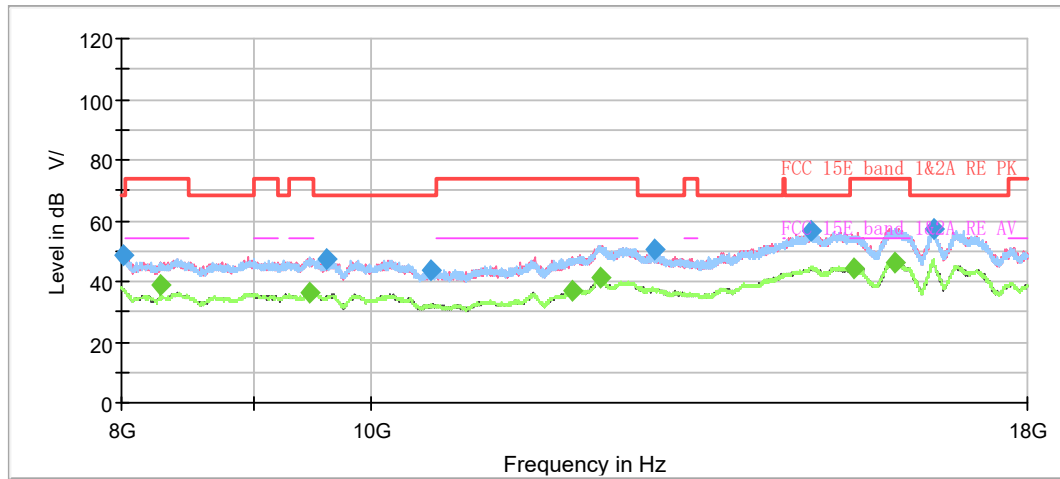
802.11n (HT20) CH40



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

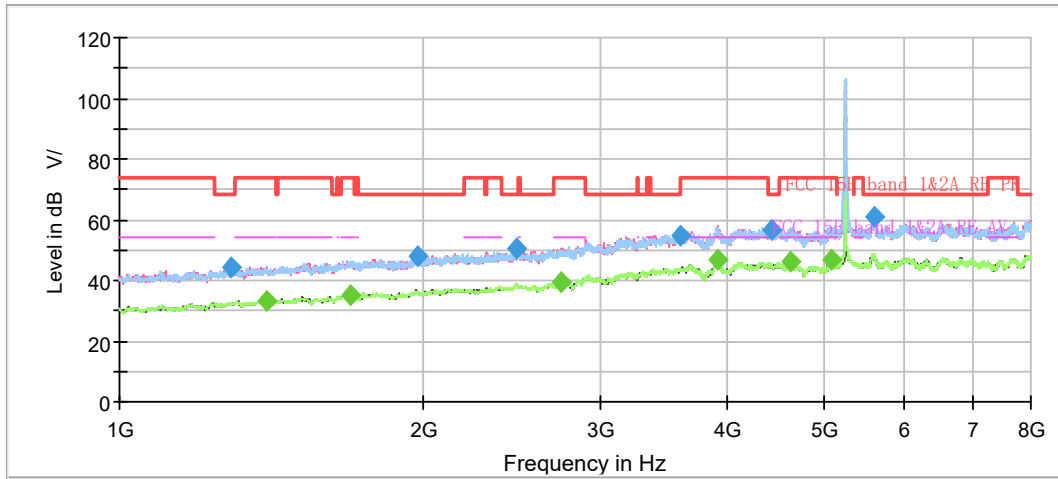
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1282.625000	43.59	---	68.20	24.61	500.0	100.0	V	0.0	-3.0
1308.000000	---	33.53	54.00	20.47	500.0	200.0	V	27.0	-2.0
1679.875000	---	35.48	54.00	18.52	500.0	100.0	H	0.0	0.4
1938.875000	47.86	---	68.20	20.34	500.0	100.0	H	91.0	1.0
2679.125000	50.70	---	68.20	17.50	500.0	100.0	H	206.0	5.7
2778.000000	---	39.28	54.00	14.72	500.0	200.0	V	228.0	5.8
3599.625000	55.13	---	68.20	13.07	500.0	100.0	H	193.0	11.0
3909.375000	---	46.73	54.00	7.27	500.0	100.0	V	215.0	13.7
4468.500000	56.97	---	68.20	11.23	500.0	200.0	V	65.0	12.7
4629.500000	---	45.98	54.00	8.02	500.0	100.0	V	0.0	14.0
5081.875000	---	47.10	54.00	6.90	500.0	100.0	H	0.0	15.0
5587.625000	59.95	---	68.20	8.25	500.0	200.0	H	0.0	17.9



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)
8015.000000	48.69	---	68.20	19.51	500.0	200.0	V	26.0	9.4
8287.500000	---	38.50	54.00	15.50	500.0	100.0	H	24.0	8.0
9465.000000	---	36.49	54.00	17.51	500.0	100.0	V	226.0	9.3
9618.750000	47.14	---	68.20	21.06	500.0	200.0	V	199.0	8.0
10552.500000	43.91	---	68.20	24.29	500.0	100.0	V	226.0	6.5
11975.000000	---	36.85	54.00	17.15	500.0	200.0	V	79.0	11.7
12285.000000	---	41.00	54.00	13.00	500.0	200.0	H	343.0	14.4
12900.000000	50.19	---	68.20	18.01	500.0	200.0	H	94.0	12.1
14827.500000	56.60	---	68.20	11.60	500.0	100.0	V	226.0	19.4
15422.500000	---	44.29	54.00	9.71	500.0	200.0	V	13.0	18.2
15998.750000	---	46.19	54.00	7.81	500.0	200.0	H	176.0	20.0
16550.000000	57.42	---	68.20	10.78	500.0	200.0	V	13.0	20.5

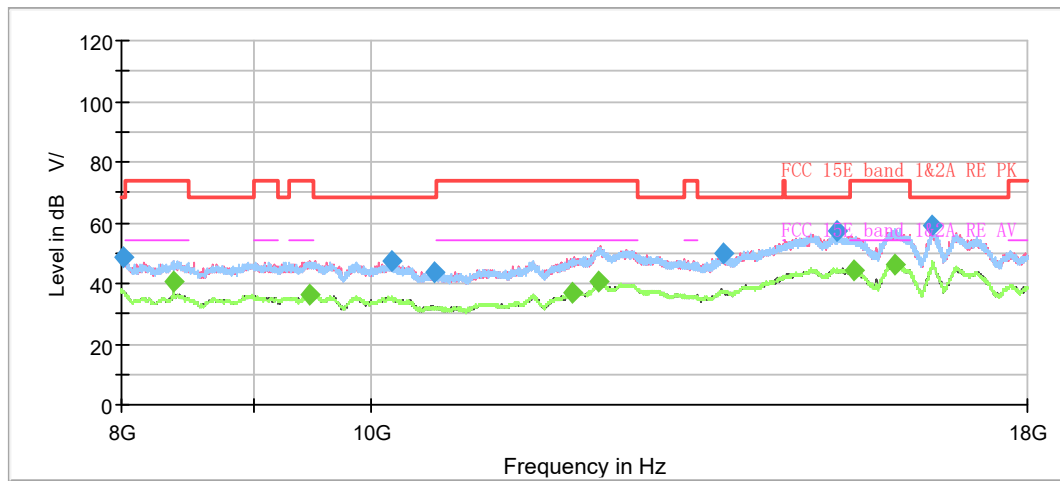
802.11n (HT20) CH48



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

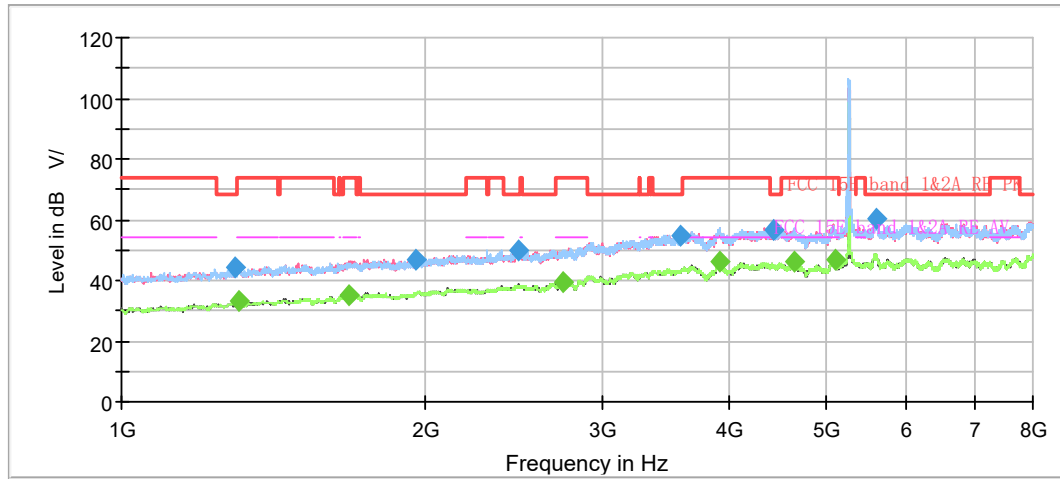
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1289.625000	44.15	---	68.20	24.05	500.0	100.0	H	0.0	-3.1
1400.750000	---	33.41	54.00	20.59	500.0	200.0	V	6.0	-2.3
1693.000000	---	35.28	54.00	18.72	500.0	100.0	H	0.0	0.3
1972.125000	47.91	---	68.20	20.29	500.0	100.0	H	88.0	2.1
2471.750000	50.41	---	68.20	17.79	500.0	200.0	H	221.0	5.1
2744.750000	---	39.28	54.00	14.72	500.0	100.0	H	151.0	5.6
3589.125000	54.88	---	68.20	13.32	500.0	100.0	V	24.0	10.7
3907.625000	---	46.93	54.00	7.07	500.0	200.0	H	247.0	13.6
4425.625000	56.91	---	68.20	11.29	500.0	200.0	V	224.0	13.0
4630.375000	---	45.88	54.00	8.12	500.0	200.0	H	0.0	13.9
5067.875000	---	46.57	54.00	7.43	500.0	100.0	H	235.0	15.3
5590.250000	60.63	---	68.20	7.57	500.0	100.0	V	90.0	18.1



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)
8007.500000	48.64	---	68.20	19.56	500.0	100.0	H	0.0	9.6
8383.750000	---	40.79	54.00	13.21	500.0	100.0	V	175.0	8.8
9471.250000	---	36.36	54.00	17.64	500.0	200.0	V	76.0	9.5
10193.750000	47.23	---	68.20	20.97	500.0	100.0	V	93.0	8.8
10592.500000	43.45	---	68.20	24.75	500.0	200.0	V	0.0	6.6
11987.500000	---	36.81	54.00	17.19	500.0	100.0	V	162.0	11.9
12267.500000	---	40.69	54.00	13.31	500.0	100.0	V	11.0	14.5
13706.250000	49.62	---	68.20	18.58	500.0	200.0	V	195.0	13.0
15191.250000	56.95	---	68.20	11.25	500.0	200.0	H	269.0	17.3
15413.750000	---	44.20	54.00	9.80	500.0	100.0	V	0.0	18.2
15980.000000	---	46.38	54.00	7.62	500.0	100.0	V	324.0	19.9
16536.250000	58.93	---	68.20	9.27	500.0	100.0	H	0.0	20.4

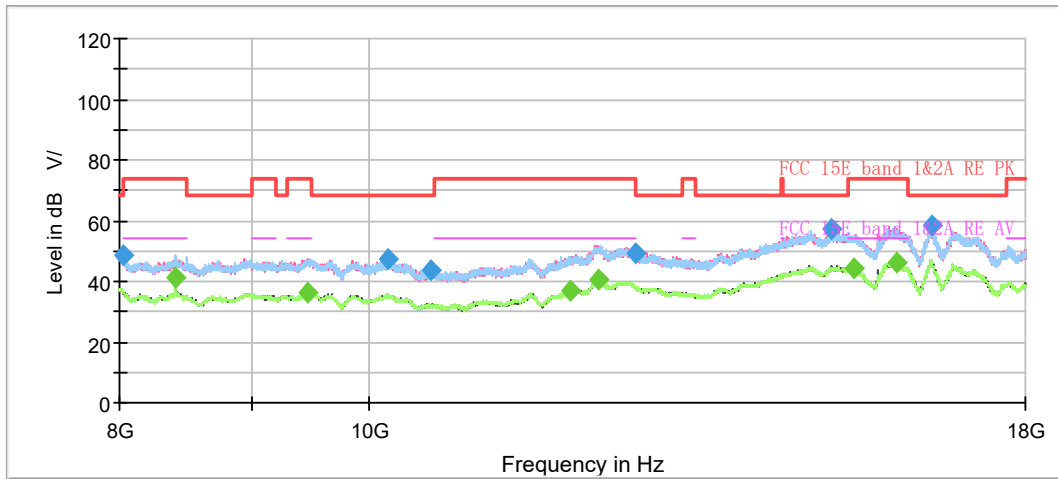
802.11n (HT20) CH52



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

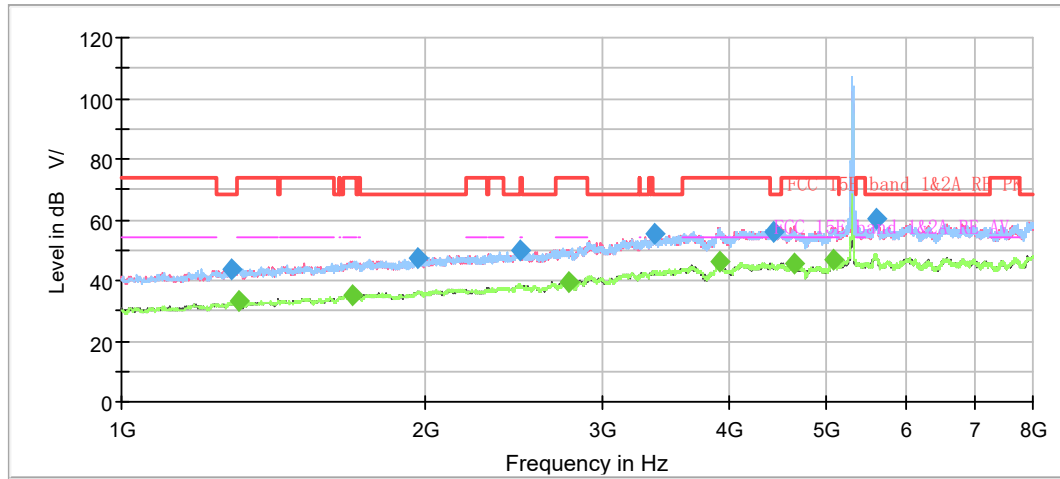
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1298.375000	44.13	---	68.20	24.07	500.0	100.0	H	269.0	-2.9
1308.875000	---	33.17	54.00	20.83	500.0	100.0	H	107.0	-2.1
1679.000000	---	35.20	54.00	18.80	500.0	200.0	H	328.0	0.4
1960.750000	46.82	---	68.20	21.38	500.0	200.0	H	265.0	1.9
2473.500000	50.02	---	68.20	18.18	500.0	100.0	H	257.0	5.1
2744.750000	---	39.16	54.00	14.84	500.0	100.0	V	345.0	5.6
3578.625000	55.01	---	68.20	13.19	500.0	100.0	V	256.0	10.5
3910.250000	---	46.45	54.00	7.55	500.0	100.0	H	187.0	13.6
4438.750000	56.44	---	68.20	11.76	500.0	200.0	V	150.0	12.6
4640.875000	---	45.93	54.00	8.07	500.0	100.0	H	31.0	13.7
5092.375000	---	46.53	54.00	7.47	500.0	200.0	H	0.0	14.7
5585.875000	60.07	---	68.20	8.13	500.0	100.0	V	319.0	17.8



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)
8021.250000	48.37	---	68.20	19.83	500.0	200.0	H	188.0	9.1
8415.000000	---	41.07	54.00	12.93	500.0	100.0	H	14.0	8.8
9466.250000	---	36.41	54.00	17.59	500.0	200.0	V	262.0	9.4
10166.250000	47.09	---	68.20	21.11	500.0	200.0	H	328.0	9.2
10573.750000	43.66	---	68.20	24.54	500.0	200.0	H	121.0	6.7
11978.750000	---	36.92	54.00	17.08	500.0	200.0	H	38.0	11.7
12277.500000	---	40.76	54.00	13.24	500.0	100.0	V	212.0	14.6
12701.250000	49.18	---	68.20	19.02	500.0	200.0	H	276.0	12.9
15142.500000	56.95	---	68.20	11.25	500.0	100.0	V	305.0	17.6
15438.750000	---	44.34	54.00	9.66	500.0	200.0	H	262.0	18.1
16041.250000	---	46.06	54.00	7.94	500.0	200.0	V	3.0	20.2
16555.000000	58.63	---	68.20	9.57	500.0	200.0	H	202.0	20.3

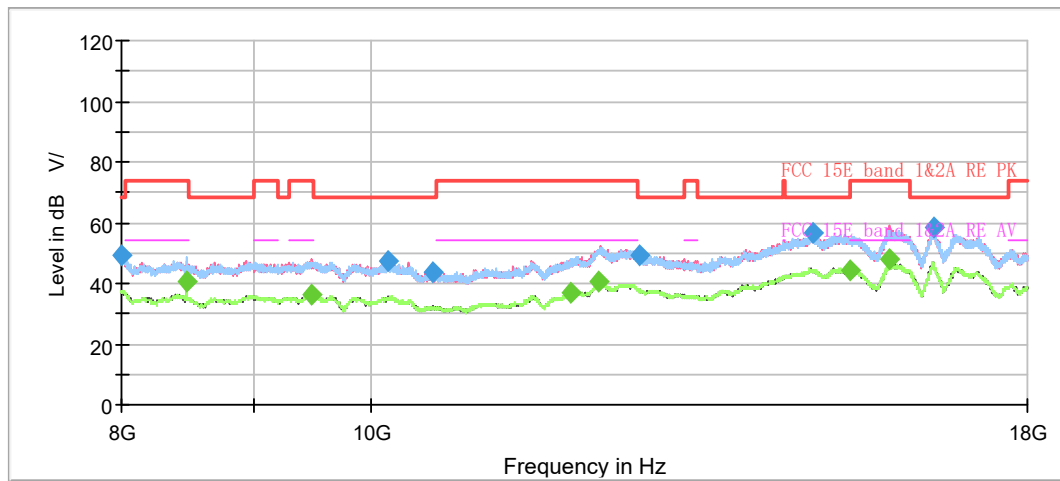
802.11n (HT20) CH60



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

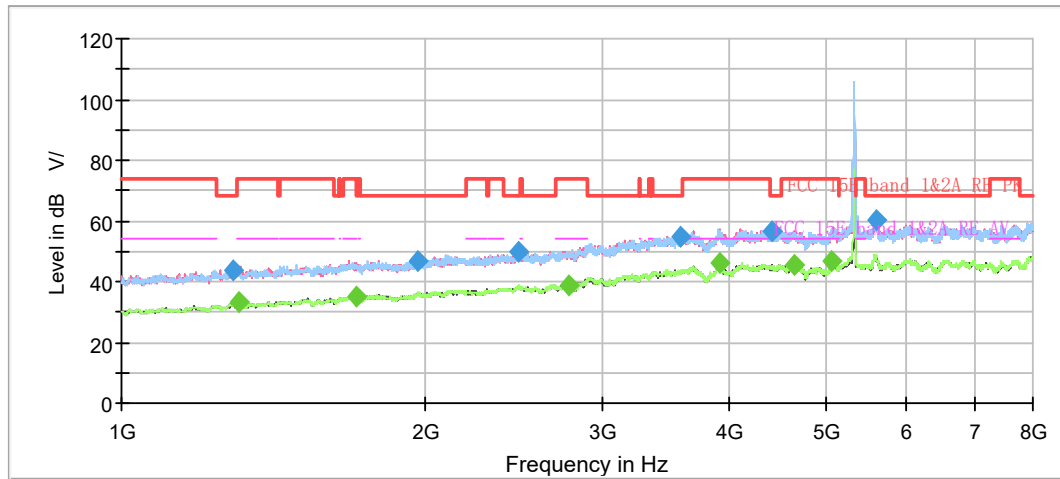
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1287.000000	43.94	---	68.20	24.26	500.0	200.0	V	323.0	-3.1
1304.500000	---	33.03	54.00	20.97	500.0	100.0	H	0.0	-2.4
1694.750000	---	35.14	54.00	18.86	500.0	200.0	H	179.0	0.3
1969.500000	47.35	---	68.20	20.85	500.0	200.0	H	244.0	2.2
2481.375000	50.13	---	68.20	18.07	500.0	100.0	V	0.0	5.0
2778.875000	---	39.11	54.00	14.89	500.0	200.0	H	244.0	5.8
3367.750000	55.24	---	68.20	12.96	500.0	100.0	H	19.0	10.2
3909.375000	---	46.39	54.00	7.61	500.0	100.0	V	308.0	13.7
4422.125000	55.70	---	68.20	12.50	500.0	100.0	V	321.0	13.2
4647.000000	---	45.63	54.00	8.37	500.0	100.0	H	232.0	13.6
5070.500000	---	46.51	54.00	7.49	500.0	200.0	V	80.0	15.3
5592.000000	60.56	---	68.20	7.64	500.0	100.0	V	345.0	18.2



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)
8005.000000	49.19	---	68.20	19.01	500.0	100.0	H	326.0	9.7
8480.000000	---	40.77	54.00	13.23	500.0	100.0	H	20.0	7.8
9488.750000	---	36.46	54.00	17.54	500.0	100.0	V	295.0	9.4
10163.750000	47.25	---	68.20	20.95	500.0	200.0	H	0.0	9.3
10567.500000	43.95	---	68.20	24.25	500.0	100.0	H	34.0	6.7
11953.750000	---	36.93	54.00	17.07	500.0	100.0	H	73.0	11.4
12272.500000	---	40.59	54.00	13.41	500.0	200.0	H	350.0	14.6
12715.000000	49.27	---	68.20	18.93	500.0	200.0	V	0.0	12.8
14863.750000	56.56	---	68.20	11.64	500.0	100.0	V	187.0	18.8
15350.000000	---	44.21	54.00	9.79	500.0	100.0	H	0.0	17.6
15903.750000	---	47.86	54.00	6.14	500.0	100.0	V	95.0	19.2
16548.750000	58.44	---	68.20	9.76	500.0	200.0	H	337.0	20.6

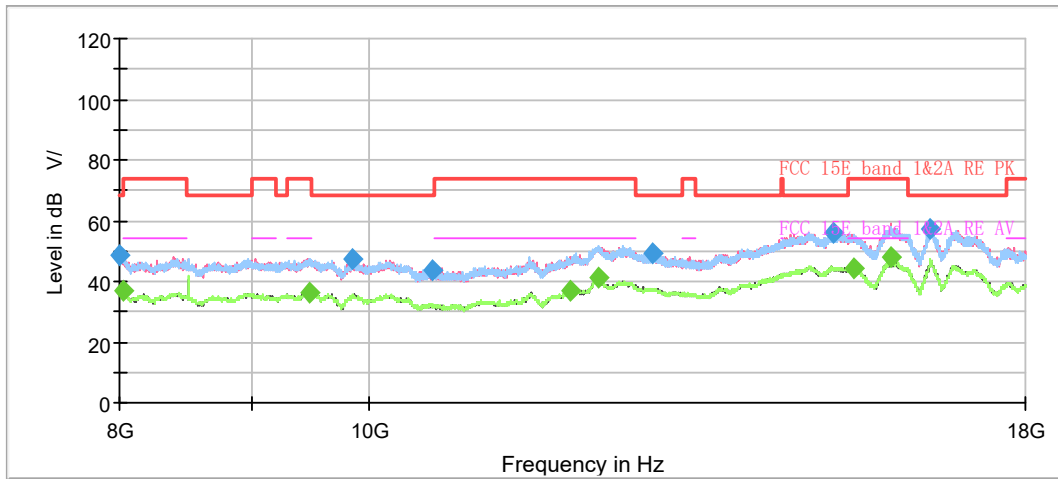
802.11n (HT20) CH64



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

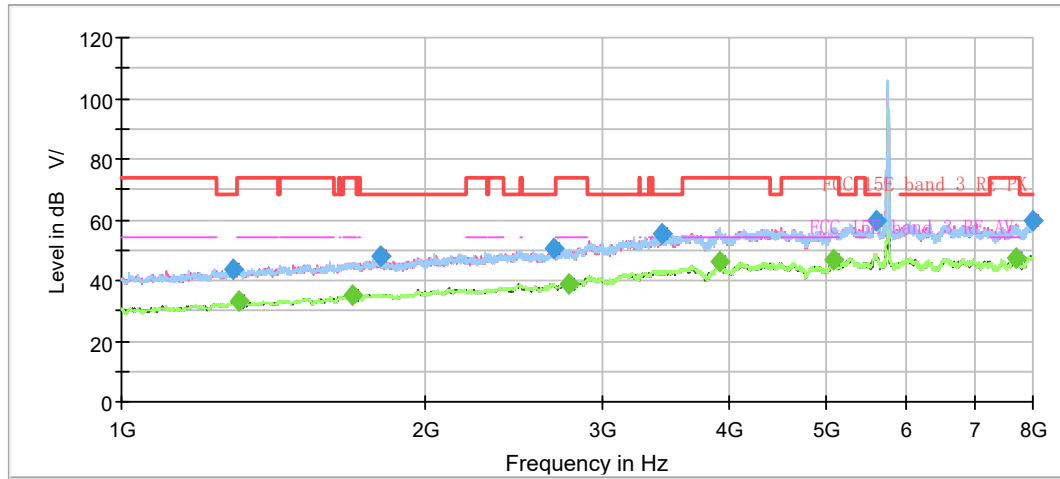
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1288.750000	43.77	---	68.20	24.43	500.0	100.0	H	71.0	-3.1
1307.125000	---	33.19	54.00	20.81	500.0	200.0	H	129.0	-2.1
1708.750000	---	35.31	54.00	18.69	500.0	200.0	V	75.0	0.5
1966.875000	47.05	---	68.20	21.15	500.0	100.0	V	207.0	2.3
2475.250000	50.14	---	68.20	18.06	500.0	200.0	V	33.0	5.1
2776.250000	---	38.94	54.00	15.06	500.0	200.0	V	0.0	5.8
3576.875000	54.66	---	68.20	13.54	500.0	200.0	H	247.0	10.4
3911.125000	---	46.42	54.00	7.58	500.0	100.0	H	108.0	13.6
4404.625000	56.72	---	68.20	11.48	500.0	200.0	V	201.0	13.8
4643.500000	---	45.24	54.00	8.76	500.0	100.0	H	231.0	13.7
5063.500000	---	46.63	54.00	7.37	500.0	200.0	H	129.0	15.5
5593.750000	60.37	---	68.20	7.83	500.0	100.0	H	8.0	18.1



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)
8005.000000	48.33	---	68.20	19.87	500.0	200.0	V	226.0	9.7
8025.000000	---	36.92	54.00	17.08	500.0	100.0	H	37.0	9.0
9490.000000	---	36.45	54.00	17.55	500.0	200.0	V	0.0	9.3
9860.000000	47.19	---	68.20	21.01	500.0	200.0	H	347.0	9.6
10583.750000	43.54	---	68.20	24.66	500.0	200.0	H	322.0	6.6
11985.000000	---	37.19	54.00	16.81	500.0	200.0	H	215.0	11.8
12277.500000	---	41.02	54.00	12.98	500.0	100.0	H	226.0	14.6
12883.750000	49.41	---	68.20	18.79	500.0	200.0	V	161.0	12.2
15162.500000	56.09	---	68.20	12.11	500.0	200.0	H	203.0	17.5
15436.250000	---	44.39	54.00	9.61	500.0	100.0	H	77.0	18.1
15960.000000	---	47.97	54.00	6.03	500.0	100.0	V	119.0	19.7
16540.000000	57.41	---	68.20	10.79	500.0	200.0	V	80.0	20.7

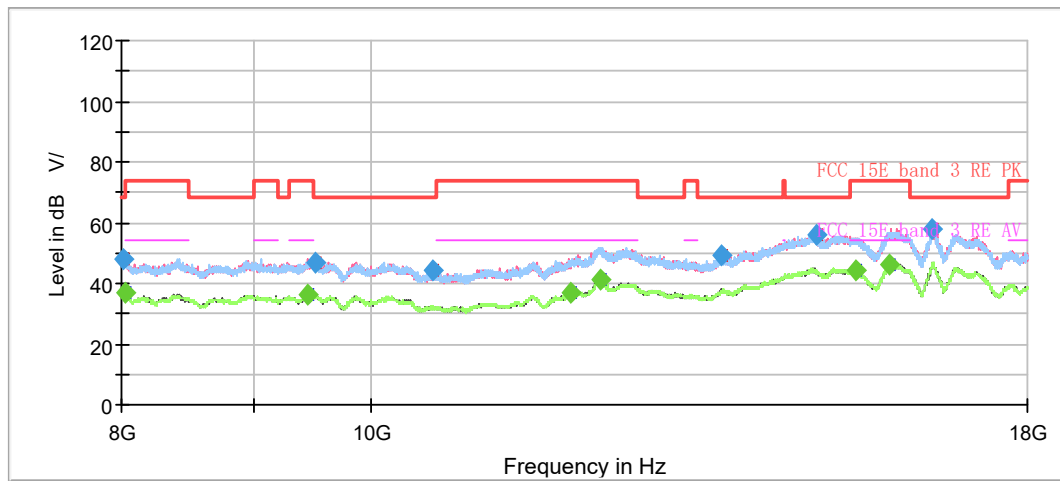
802.11n (HT20) CH149



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

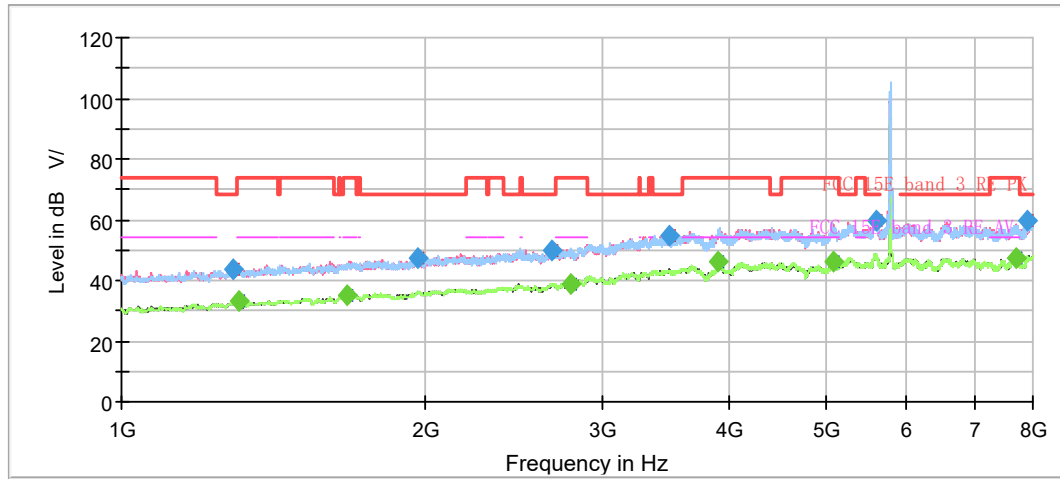
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1288.750000	43.40	---	68.20	24.80	500.0	200.0	H	83.0	-3.1
1307.125000	---	33.07	54.00	20.93	500.0	200.0	H	148.0	-2.1
1691.250000	---	35.10	54.00	18.90	500.0	100.0	H	55.0	0.3
1804.125000	47.92	---	68.20	20.28	500.0	200.0	V	0.0	0.8
2678.250000	50.18	---	68.20	18.02	500.0	100.0	V	125.0	5.7
2780.625000	---	38.95	54.00	15.05	500.0	200.0	H	33.0	5.8
3425.500000	55.24	---	68.20	12.96	500.0	100.0	H	0.0	9.7
3909.375000	---	46.37	54.00	7.63	500.0	200.0	H	186.0	13.7
5073.125000	---	46.58	54.00	7.42	500.0	100.0	H	186.0	15.2
5588.500000	59.97	---	68.20	8.23	500.0	200.0	H	20.0	18.0
7696.375000	---	47.18	54.00	6.82	500.0	200.0	V	54.0	19.2
7996.500000	59.66	---	68.20	8.54	500.0	200.0	H	45.0	19.9



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)
8011.250000	48.28	---	68.20	19.92	500.0	200.0	H	157.0	9.5
8027.500000	---	36.82	54.00	17.18	500.0	100.0	H	11.0	8.9
9460.000000	---	36.43	54.00	17.57	500.0	100.0	H	0.0	9.2
9520.000000	46.86	---	68.20	21.34	500.0	100.0	V	311.0	8.8
10567.500000	44.01	---	68.20	24.19	500.0	200.0	V	19.0	6.7
11952.500000	---	37.01	54.00	16.99	500.0	200.0	H	276.0	11.4
12288.750000	---	40.96	54.00	13.04	500.0	200.0	H	0.0	14.4
13686.250000	49.36	---	68.20	18.84	500.0	100.0	V	351.0	13.0
14906.250000	56.12	---	68.20	12.08	500.0	100.0	H	38.0	18.0
15426.250000	---	44.50	54.00	9.50	500.0	200.0	H	105.0	18.3
15920.000000	---	46.09	54.00	7.91	500.0	200.0	H	212.0	19.3
16542.500000	57.96	---	68.20	10.24	500.0	200.0	V	251.0	20.8

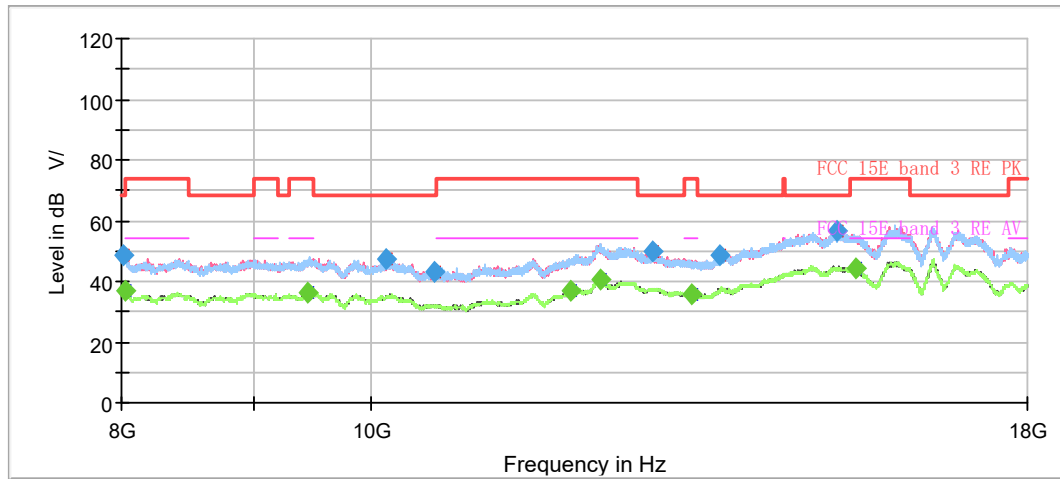
802.11n (HT20) CH157



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

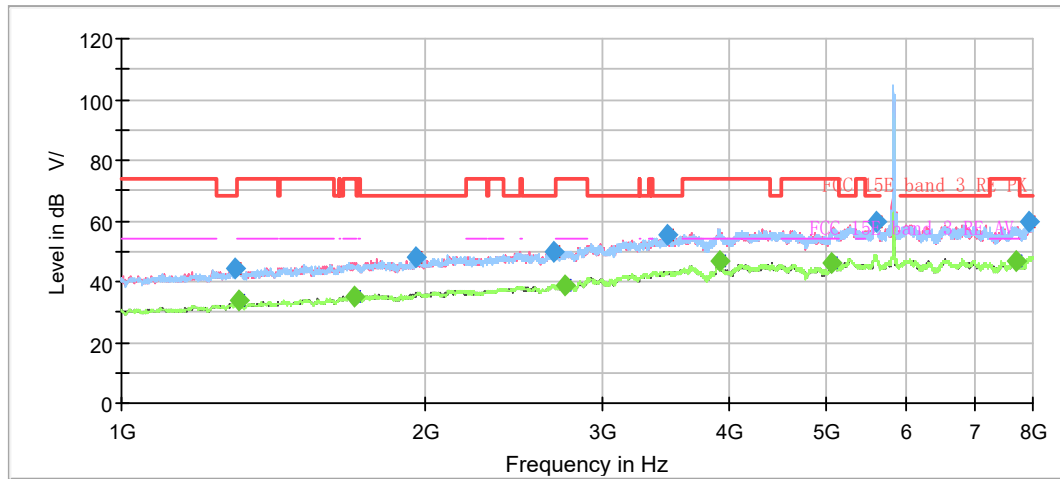
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1290.500000	43.63	---	68.20	24.57	500.0	100.0	H	129.0	-3.1
1307.125000	---	33.39	54.00	20.61	500.0	100.0	V	0.0	-2.1
1676.375000	---	35.31	54.00	18.69	500.0	200.0	V	0.0	0.4
1967.750000	47.37	---	68.20	20.83	500.0	200.0	H	164.0	2.3
2673.875000	50.02	---	68.20	18.18	500.0	100.0	H	103.0	5.6
2790.250000	---	38.84	54.00	15.16	500.0	200.0	V	292.0	5.7
3485.000000	54.80	---	68.20	13.40	500.0	100.0	H	297.0	10.4
3906.750000	---	46.32	54.00	7.68	500.0	200.0	H	140.0	13.5
5068.750000	---	46.34	54.00	7.66	500.0	200.0	H	89.0	15.3
5590.250000	59.79	---	68.20	8.41	500.0	100.0	H	142.0	18.1
7687.625000	---	47.19	54.00	6.81	500.0	200.0	H	52.0	19.3
7904.625000	59.78	---	68.20	8.42	500.0	100.0	V	157.0	19.3



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)
8016.250000	48.47	---	68.20	19.73	500.0	100.0	V	178.0	9.3
8025.000000	---	37.06	54.00	16.94	500.0	100.0	H	155.0	9.0
9460.000000	---	36.45	54.00	17.55	500.0	100.0	H	0.0	9.2
10135.000000	47.17	---	68.20	21.03	500.0	100.0	V	0.0	9.0
10581.250000	43.38	---	68.20	24.82	500.0	200.0	H	255.0	6.7
11961.250000	---	36.89	54.00	17.11	500.0	100.0	H	0.0	11.5
12276.250000	---	40.80	54.00	13.20	500.0	200.0	H	0.0	14.6
12880.000000	49.85	---	68.20	18.35	500.0	100.0	H	0.0	12.2
13326.250000	---	35.74	54.00	18.26	500.0	100.0	H	0.0	10.3
13673.750000	48.75	---	68.20	19.45	500.0	100.0	H	63.0	12.7
15195.000000	56.37	---	68.20	11.83	500.0	200.0	H	110.0	17.3
15426.250000	---	44.17	54.00	9.83	500.0	100.0	H	35.0	18.3

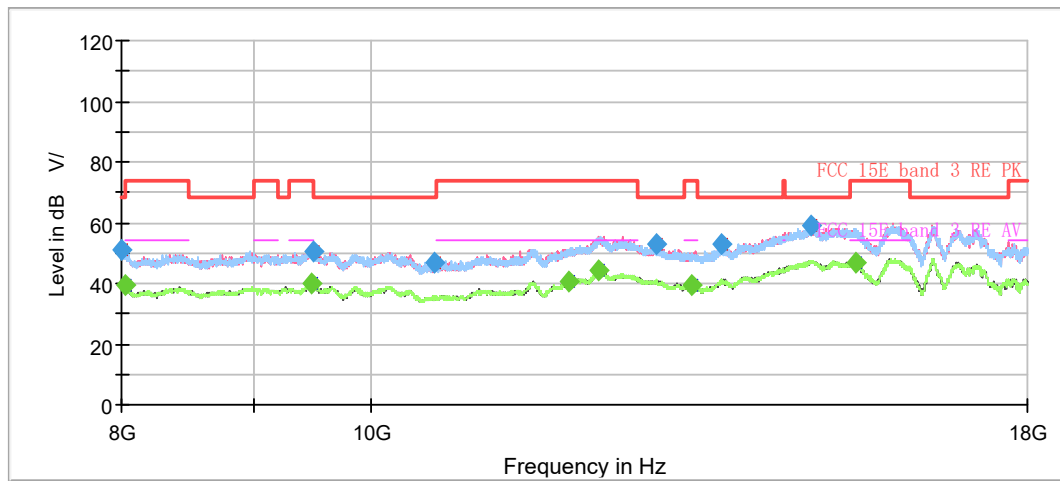
802.11n (HT20) CH165



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

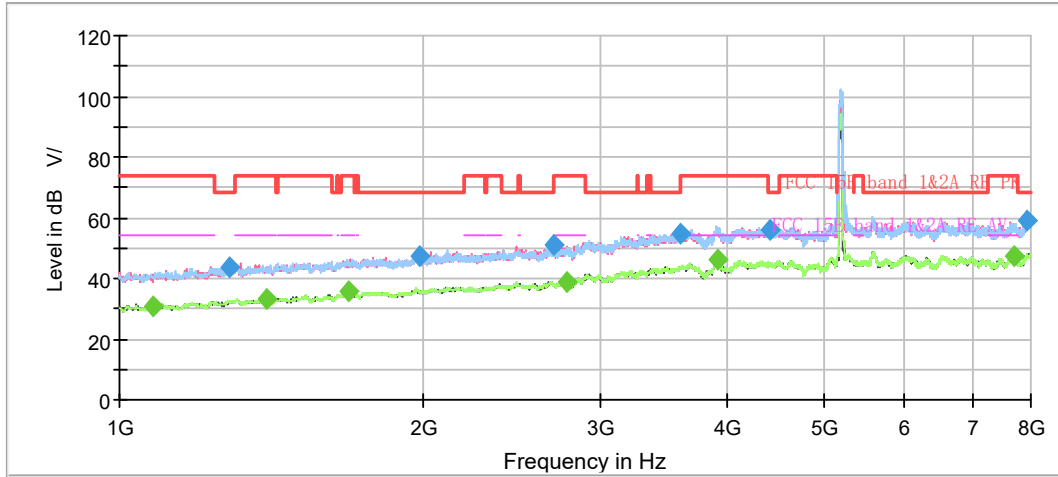
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1297.500000	44.14	---	68.20	24.06	500.0	100.0	V	71.0	-3.0
1306.250000	---	33.71	54.00	20.29	500.0	100.0	V	292.0	-2.2
1702.625000	---	35.20	54.00	18.80	500.0	200.0	V	0.0	0.4
1955.500000	48.30	---	68.20	19.90	500.0	100.0	V	84.0	1.6
2677.375000	50.11	---	68.20	18.09	500.0	100.0	H	273.0	5.7
2747.375000	---	38.93	54.00	15.07	500.0	100.0	H	323.0	5.6
3478.875000	55.11	---	68.20	13.09	500.0	200.0	H	133.0	10.4
3909.375000	---	46.73	54.00	7.27	500.0	200.0	H	160.0	13.7
5062.625000	---	46.38	54.00	7.62	500.0	100.0	H	158.0	15.5
5588.500000	59.93	---	68.20	8.27	500.0	200.0	V	288.0	18.0
7692.875000	---	46.92	54.00	7.08	500.0	100.0	H	336.0	19.3
7948.375000	59.68	---	68.20	8.52	500.0	200.0	V	351.0	19.9



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)
8005.000000	51.02	---	68.20	17.18	500.0	100.0	H	0.0	9.7
8027.500000	---	39.32	54.00	14.68	500.0	200.0	H	162.0	8.9
9481.250000	---	39.80	54.00	14.20	500.0	200.0	H	189.0	9.5
9500.000000	50.64	---	68.20	17.56	500.0	100.0	V	3.0	9.2
10587.500000	46.80	---	68.20	21.40	500.0	100.0	V	15.0	6.6
11931.250000	---	40.83	54.00	13.17	500.0	100.0	V	173.0	11.2
12266.250000	---	44.33	54.00	9.67	500.0	200.0	V	200.0	14.4
12910.000000	52.74	---	68.20	15.46	500.0	100.0	H	351.0	12.1
13337.500000	---	39.26	54.00	14.74	500.0	200.0	H	15.0	10.3
13690.000000	52.80	---	68.20	15.40	500.0	200.0	H	241.0	13.1
14830.000000	59.12	---	68.20	9.08	500.0	200.0	V	200.0	19.3
15432.500000	---	46.84	54.00	7.16	500.0	200.0	V	107.0	18.2

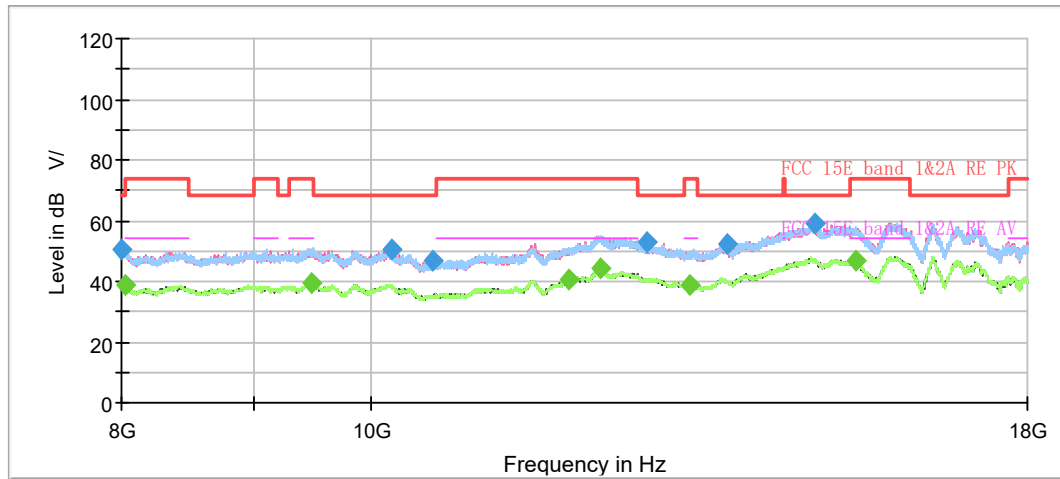
802.11n (HT40) CH38



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

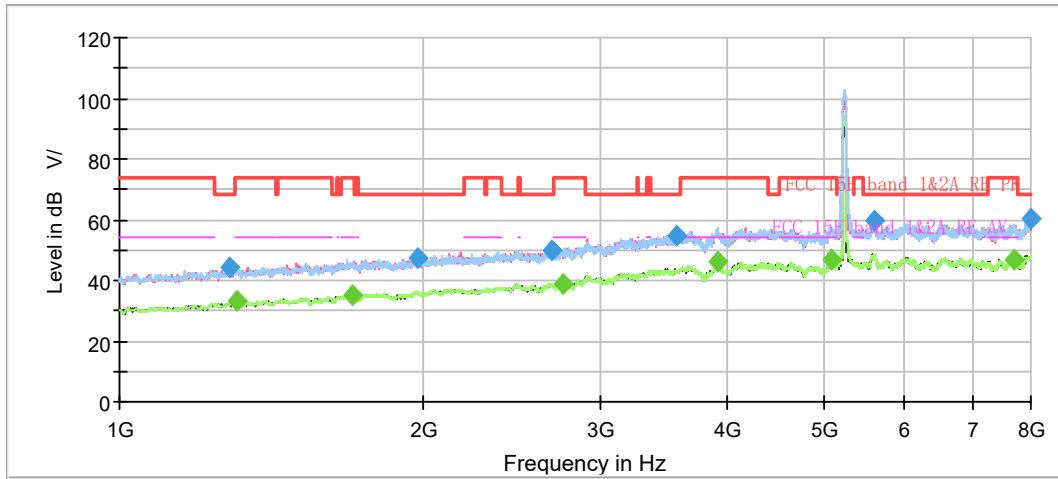
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1077.875000	---	30.64	54.00	23.36	500.0	200.0	V	228.0	-5.5
1282.625000	43.84	---	68.20	24.36	500.0	200.0	V	0.0	-3.0
1401.625000	---	33.40	54.00	20.60	500.0	200.0	H	0.0	-2.3
1689.500000	---	35.54	54.00	18.46	500.0	200.0	V	52.0	0.4
1984.375000	47.36	---	68.20	20.84	500.0	200.0	V	3.0	1.6
2689.625000	51.26	---	68.20	16.94	500.0	200.0	H	294.0	5.3
2776.250000	---	39.03	54.00	14.97	500.0	200.0	V	204.0	5.8
3594.375000	54.67	---	68.20	13.53	500.0	100.0	V	0.0	10.9
3907.625000	---	46.35	54.00	7.65	500.0	200.0	V	155.0	13.6
4407.250000	56.24	---	68.20	11.96	500.0	100.0	H	76.0	13.7
7692.000000	---	47.20	54.00	6.80	500.0	200.0	H	1.0	19.3
7944.875000	59.05	---	68.20	9.15	500.0	100.0	H	13.0	19.9



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)
8001.250000	50.40	---	68.20	17.80	500.0	100.0	V	196.0	9.9
8027.500000	---	38.95	54.00	15.05	500.0	100.0	H	132.0	8.9
9486.250000	---	39.61	54.00	14.39	500.0	100.0	V	169.0	9.4
10188.750000	50.64	---	68.20	17.56	500.0	100.0	H	262.0	8.9
10576.250000	46.69	---	68.20	21.51	500.0	100.0	V	3.0	6.7
11948.750000	---	40.43	54.00	13.57	500.0	200.0	H	195.0	11.4
12273.750000	---	44.25	54.00	9.75	500.0	100.0	H	132.0	14.6
12806.250000	52.68	---	68.20	15.52	500.0	100.0	H	235.0	12.4
13302.500000	---	38.88	54.00	15.12	500.0	200.0	V	135.0	10.2
13757.500000	52.38	---	68.20	15.82	500.0	200.0	V	93.0	12.1
14890.000000	59.26	---	68.20	8.95	500.0	100.0	V	261.0	18.3
15432.500000	---	46.46	54.00	7.54	500.0	200.0	V	318.0	18.2

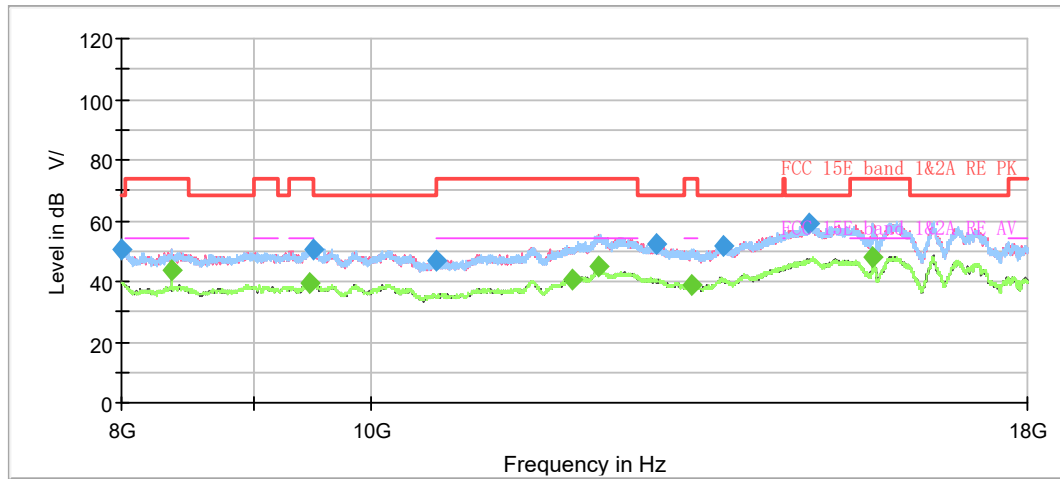
802.11n (HT40) CH46



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

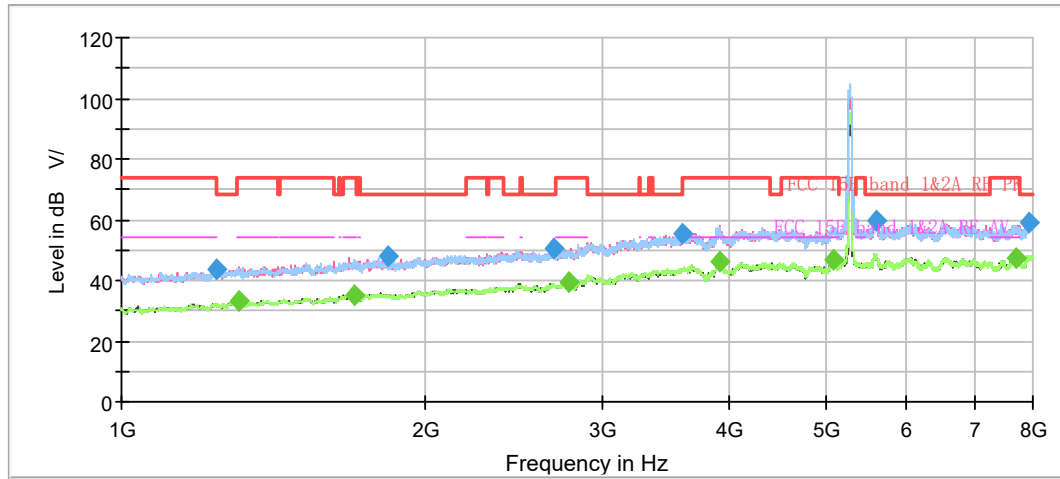
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1283.500000	44.09	---	68.20	24.11	500.0	200.0	V	140.0	-3.0
1308.000000	---	33.34	54.00	20.66	500.0	200.0	V	179.0	-2.0
1702.625000	---	35.20	54.00	18.80	500.0	100.0	V	255.0	0.4
1973.000000	47.30	---	68.20	20.90	500.0	200.0	H	221.0	2.1
2686.125000	50.11	---	68.20	18.09	500.0	100.0	H	309.0	5.4
2745.625000	---	38.85	54.00	15.15	500.0	200.0	V	231.0	5.6
3560.250000	54.91	---	68.20	13.29	500.0	100.0	H	21.0	10.3
3908.500000	---	46.46	54.00	7.54	500.0	200.0	V	77.0	13.7
5076.625000	---	46.50	54.00	7.50	500.0	100.0	V	313.0	15.1
5589.375000	59.90	---	68.20	8.30	500.0	200.0	V	103.0	18.0
7690.250000	---	47.04	54.00	6.96	500.0	200.0	V	153.0	19.3
7989.500000	60.06	---	68.20	8.14	500.0	100.0	V	339.0	19.9



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)
8002.500000	50.66	---	68.20	17.54	500.0	200.0	V	212.0	9.8
8367.500000	---	43.83	54.00	10.17	500.0	100.0	H	307.0	8.7
9462.500000	---	39.67	54.00	14.33	500.0	100.0	H	242.0	9.3
9500.000000	50.35	---	68.20	17.85	500.0	100.0	V	250.0	9.2
10600.000000	46.49	---	68.20	21.71	500.0	200.0	H	276.0	6.6
11971.250000	---	40.50	54.00	13.50	500.0	100.0	V	339.0	11.7
12262.500000	---	44.65	54.00	9.35	500.0	100.0	V	53.0	14.4
12907.500000	52.55	---	68.20	15.65	500.0	100.0	H	110.0	12.1
13328.750000	---	38.91	54.00	15.09	500.0	200.0	V	172.0	10.3
13721.250000	51.99	---	68.20	16.21	500.0	200.0	H	225.0	12.7
14813.750000	59.01	---	68.20	9.19	500.0	200.0	V	123.0	19.2
15677.500000	---	48.19	54.00	5.81	500.0	100.0	V	38.0	12.6

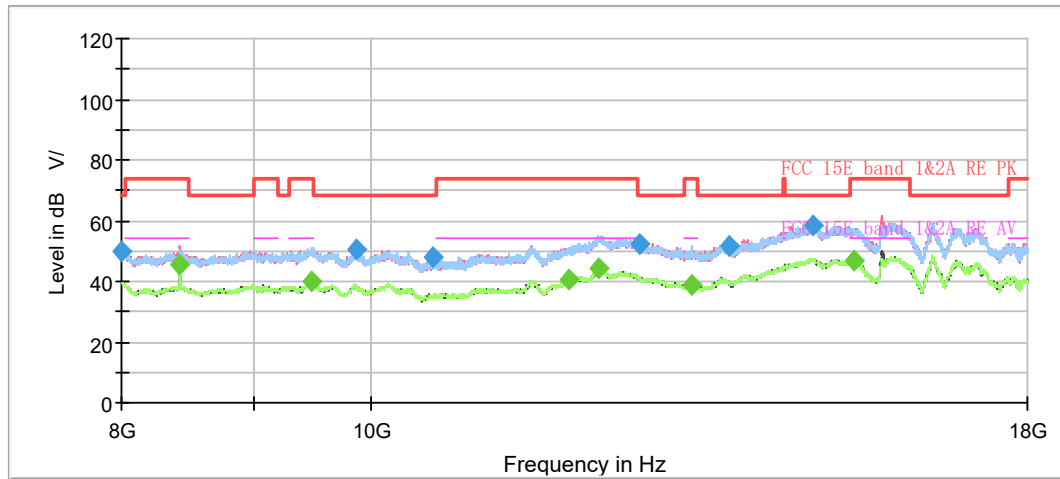
802.11n (HT40) CH54



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

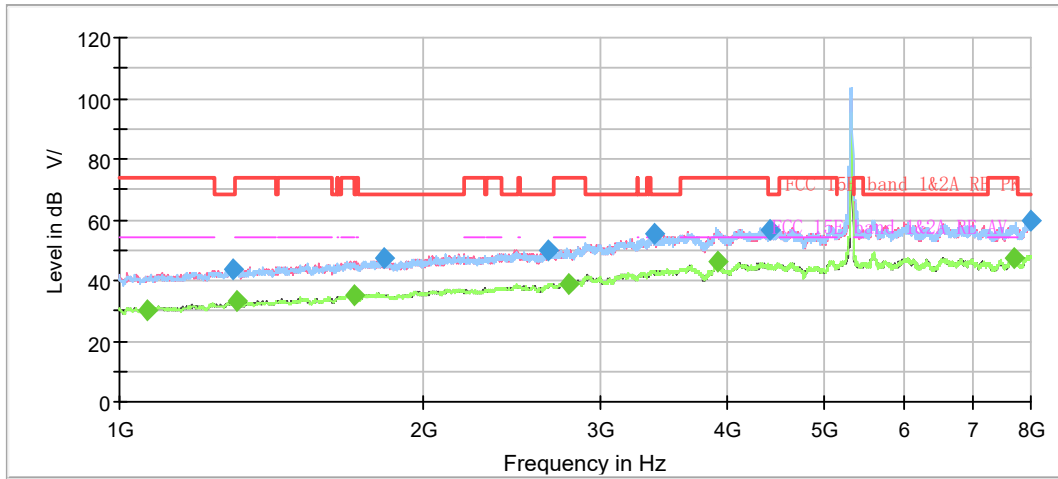
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1244.125000	43.44	---	68.20	24.76	500.0	100.0	V	215.0	-3.6
1307.125000	---	33.25	54.00	20.75	500.0	200.0	H	283.0	-2.1
1700.000000	---	35.37	54.00	18.63	500.0	100.0	H	23.0	0.4
1840.000000	47.82	---	68.20	20.38	500.0	200.0	V	341.0	0.6
2681.750000	50.30	---	68.20	17.90	500.0	100.0	V	113.0	5.6
2776.250000	---	39.11	54.00	14.89	500.0	100.0	V	63.0	5.8
3599.625000	55.09	---	68.20	13.11	500.0	200.0	V	291.0	11.0
3909.375000	---	46.42	54.00	7.58	500.0	100.0	H	309.0	13.7
5067.875000	---	46.57	54.00	7.43	500.0	200.0	V	0.0	15.3
5586.750000	59.69	---	68.20	8.51	500.0	100.0	H	168.0	17.9
7712.125000	---	47.15	54.00	6.85	500.0	100.0	H	232.0	18.9
7920.375000	58.94	---	68.20	9.26	500.0	100.0	V	126.0	19.8



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)
8001.250000	50.12	---	68.20	18.08	500.0	100.0	H	68.0	9.9
8431.250000	---	45.65	54.00	8.35	500.0	100.0	V	305.0	8.5
9478.750000	---	39.73	54.00	14.27	500.0	100.0	H	0.0	9.5
9867.500000	50.67	---	68.20	17.53	500.0	200.0	H	137.0	9.5
10570.000000	48.20	---	68.20	20.00	500.0	100.0	V	191.0	6.7
11940.000000	---	40.34	54.00	13.66	500.0	100.0	V	254.0	11.3
12272.500000	---	44.12	54.00	9.88	500.0	200.0	H	1.0	14.6
12713.750000	52.39	---	68.20	15.81	500.0	100.0	H	0.0	12.8
13333.750000	---	39.01	54.00	14.99	500.0	100.0	H	277.0	10.3
13781.250000	51.66	---	68.20	16.54	500.0	100.0	H	134.0	11.7
14858.750000	58.55	---	68.20	9.65	500.0	100.0	V	191.0	18.8
15417.500000	---	46.65	54.00	7.35	500.0	100.0	V	0.0	18.2

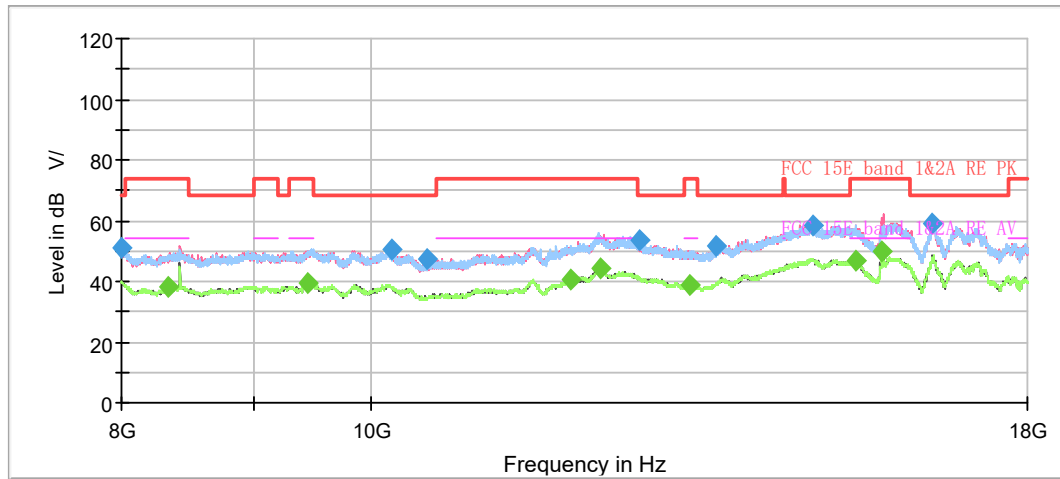
802.11n (HT40) CH62



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

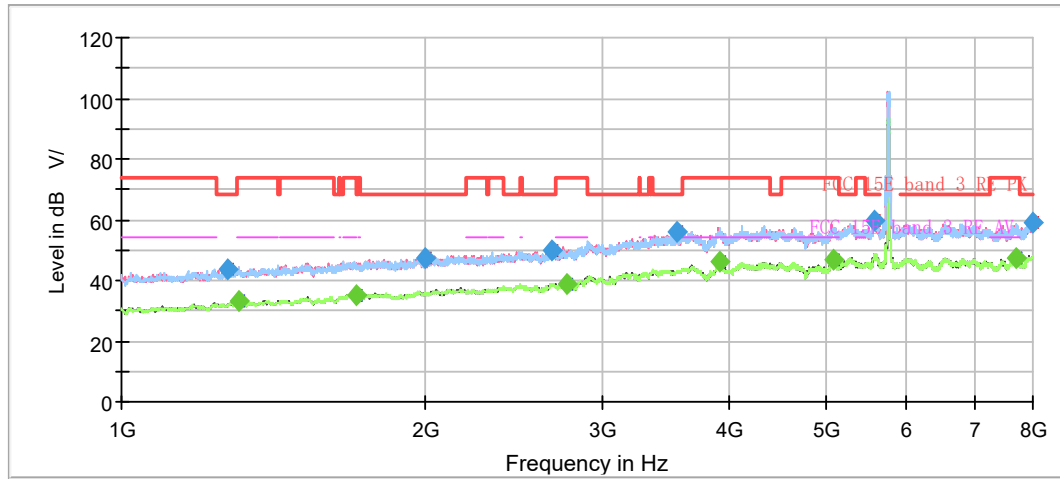
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1063.875000	---	30.17	54.00	23.83	500.0	200.0	V	318.0	-5.8
1298.375000	43.78	---	68.20	24.42	500.0	200.0	V	253.0	-2.9
1307.125000	---	33.30	54.00	20.70	500.0	100.0	V	91.0	-2.1
1707.000000	---	35.23	54.00	18.77	500.0	100.0	H	230.0	0.5
1828.625000	47.13	---	68.20	21.07	500.0	100.0	H	155.0	0.6
2660.750000	50.09	---	68.20	18.11	500.0	200.0	V	0.0	5.3
2790.250000	---	39.01	54.00	14.99	500.0	200.0	V	216.0	5.7
3389.625000	55.24	---	68.20	12.96	500.0	100.0	V	167.0	10.0
3909.375000	---	46.37	54.00	7.63	500.0	200.0	H	124.0	13.7
4416.875000	56.89	---	68.20	11.31	500.0	200.0	V	0.0	13.3
7692.000000	---	47.32	54.00	6.68	500.0	200.0	V	141.0	19.3
7997.375000	59.92	---	68.20	8.28	500.0	100.0	V	117.0	19.9



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)
8001.250000	51.12	---	68.20	17.08	500.0	100.0	H	95.0	9.9
8347.500000	---	37.96	54.00	16.04	500.0	100.0	V	223.0	8.6
9457.500000	---	39.65	54.00	14.35	500.0	100.0	H	134.0	9.2
10188.750000	50.49	---	68.20	17.71	500.0	200.0	H	265.0	8.9
10526.250000	47.37	---	68.20	20.83	500.0	100.0	H	69.0	6.3
11961.250000	---	40.46	54.00	13.54	500.0	200.0	H	0.0	11.5
12273.750000	---	44.14	54.00	9.86	500.0	100.0	H	292.0	14.6
12716.250000	53.70	---	68.20	14.50	500.0	200.0	H	13.0	12.8
13318.750000	---	38.74	54.00	15.26	500.0	100.0	H	56.0	10.2
13633.750000	51.76	---	68.20	16.45	500.0	100.0	H	0.0	11.8
14852.500000	58.67	---	68.20	9.53	500.0	100.0	V	0.0	19.0
15428.750000	---	46.71	54.00	7.29	500.0	100.0	H	4.0	18.3
15805.000000	---	49.58	54.00	4.42	500.0	100.0	V	40.0	14.8
16536.250000	58.91	---	68.20	9.29	500.0	100.0	H	81.0	20.4

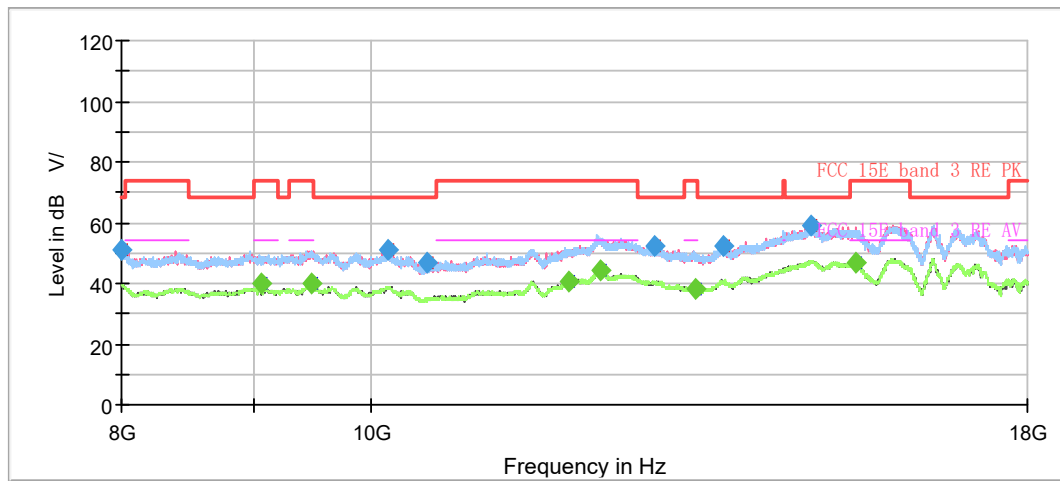
802.11n (HT40) CH151



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

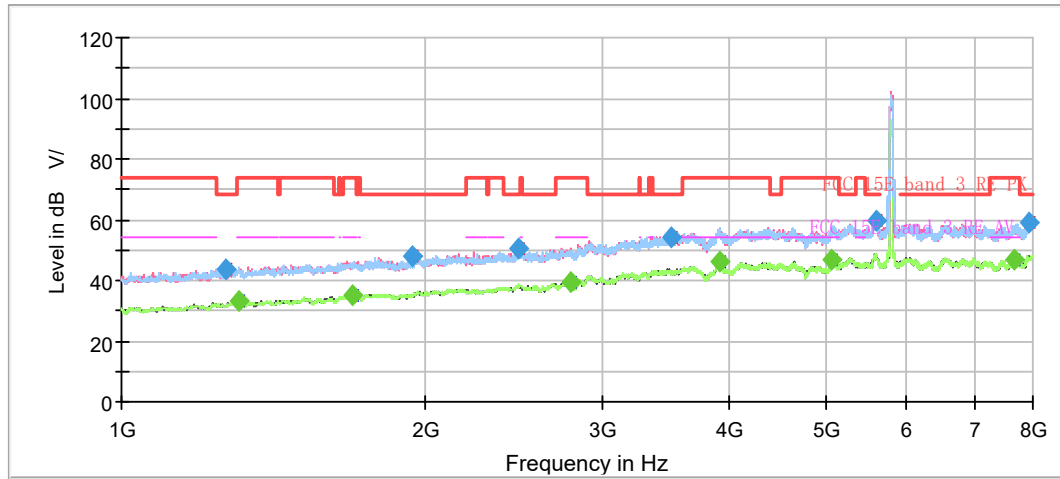
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1276.500000	43.59	---	68.20	24.61	500.0	200.0	H	28.0	-3.3
1305.375000	---	33.29	54.00	20.71	500.0	100.0	V	147.0	-2.3
1705.250000	---	35.21	54.00	18.79	500.0	200.0	H	4.0	0.4
1996.625000	47.11	---	68.20	21.09	500.0	200.0	V	0.0	1.6
2669.500000	50.08	---	68.20	18.12	500.0	100.0	V	0.0	5.5
2759.625000	---	38.99	54.00	15.01	500.0	200.0	H	78.0	5.6
3552.375000	55.79	---	68.20	12.41	500.0	200.0	H	180.0	10.3
3910.250000	---	46.26	54.00	7.74	500.0	200.0	V	262.0	13.6
5072.250000	---	46.54	54.00	7.46	500.0	100.0	V	147.0	15.2
5580.625000	59.86	---	68.20	8.34	500.0	100.0	H	317.0	17.6
7691.125000	---	47.13	54.00	6.87	500.0	100.0	H	0.0	19.3
7995.625000	59.31	---	68.20	8.89	500.0	200.0	V	301.0	19.9



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)
8005.000000	50.91	---	68.20	17.29	500.0	200.0	H	354.0	9.7
9071.250000	---	40.03	54.00	13.97	500.0	100.0	V	26.0	8.5
9481.250000	---	39.72	54.00	14.28	500.0	100.0	V	303.0	9.5
10157.500000	50.94	---	68.20	17.26	500.0	100.0	V	327.0	9.3
10512.500000	46.76	---	68.20	21.44	500.0	200.0	V	72.0	6.2
11950.000000	---	40.45	54.00	13.55	500.0	100.0	H	56.0	11.4
12281.250000	---	44.03	54.00	9.97	500.0	100.0	H	29.0	14.5
12897.500000	52.06	---	68.20	16.14	500.0	100.0	H	4.0	12.1
13382.500000	---	38.18	54.00	15.82	500.0	200.0	H	251.0	10.4
13703.750000	52.48	---	68.20	15.72	500.0	200.0	V	97.0	13.0
14828.750000	58.78	---	68.20	9.42	500.0	200.0	V	0.0	19.4
15440.000000	---	46.64	54.00	7.36	500.0	100.0	V	263.0	18.0

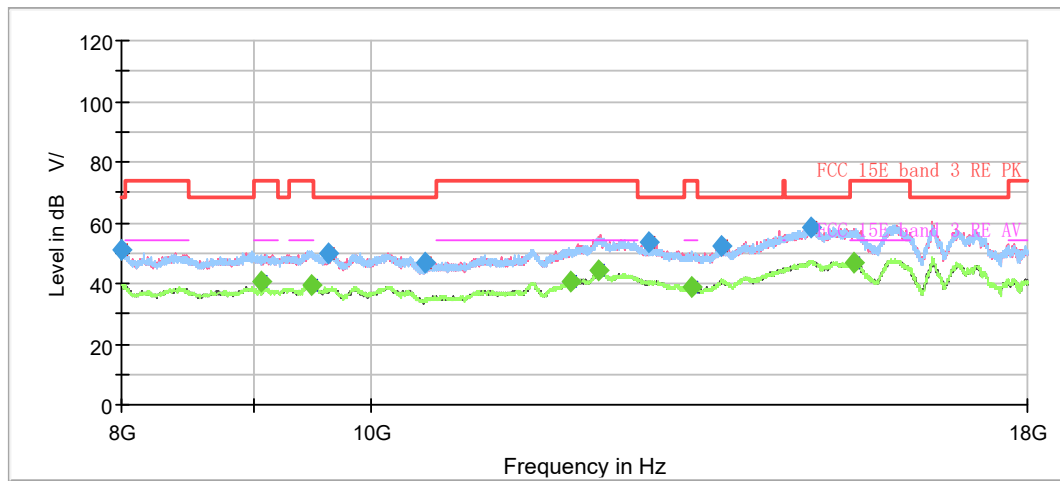
802.11n (HT40) CH159



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

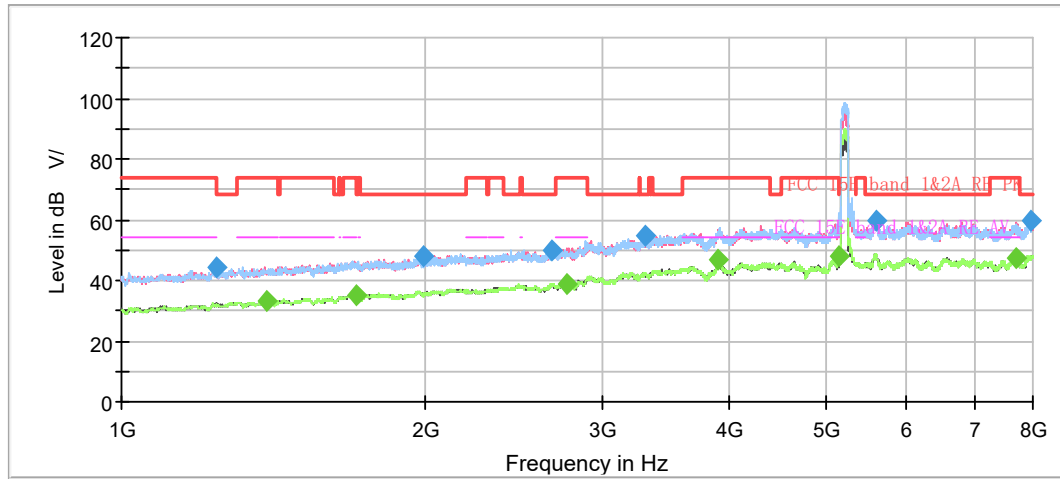
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1270.375000	43.67	---	68.20	24.53	500.0	100.0	H	143.0	-3.7
1307.125000	---	33.07	54.00	20.93	500.0	100.0	H	234.0	-2.1
1696.500000	---	35.21	54.00	18.79	500.0	200.0	H	20.0	0.3
1942.375000	47.79	---	68.20	20.41	500.0	100.0	V	323.0	1.0
2475.250000	50.21	---	68.20	17.99	500.0	200.0	H	311.0	5.1
2788.500000	---	39.31	54.00	14.69	500.0	100.0	H	208.0	5.8
3499.000000	54.42	---	68.20	13.78	500.0	100.0	H	38.0	10.4
3910.250000	---	46.23	54.00	7.77	500.0	200.0	V	26.0	13.6
5063.500000	---	46.54	54.00	7.46	500.0	100.0	H	272.0	15.5
5594.625000	59.93	---	68.20	8.27	500.0	200.0	H	157.0	18.0
7664.000000	---	47.06	54.00	6.94	500.0	100.0	H	79.0	18.7
7922.125000	59.10	---	68.20	9.10	500.0	200.0	H	108.0	19.9



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)
8002.500000	51.33	---	68.20	16.87	500.0	100.0	V	133.0	9.8
9071.250000	---	40.63	54.00	13.37	500.0	100.0	V	0.0	8.5
9477.500000	---	39.68	54.00	14.32	500.0	200.0	V	68.0	9.5
9621.250000	50.09	---	68.20	18.11	500.0	200.0	V	54.0	8.0
10506.250000	46.74	---	68.20	21.46	500.0	100.0	H	257.0	6.2
11963.750000	---	40.46	54.00	13.54	500.0	100.0	H	334.0	11.6
12265.000000	---	44.40	54.00	9.60	500.0	200.0	V	280.0	14.4
12832.500000	53.36	---	68.20	14.84	500.0	200.0	H	279.0	12.3
13326.250000	---	38.69	54.00	15.31	500.0	100.0	H	20.0	10.3
13692.500000	52.09	---	68.20	16.11	500.0	100.0	V	301.0	13.2
14827.500000	58.38	---	68.20	9.82	500.0	200.0	H	39.0	19.4
15425.000000	---	46.56	54.00	7.44	500.0	100.0	V	0.0	18.3

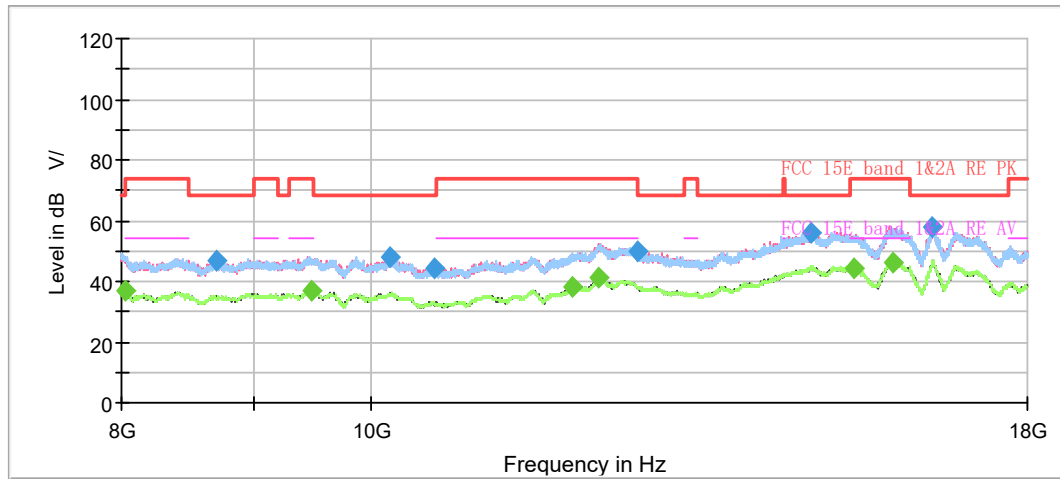
802.11ac (VHT80) CH42



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

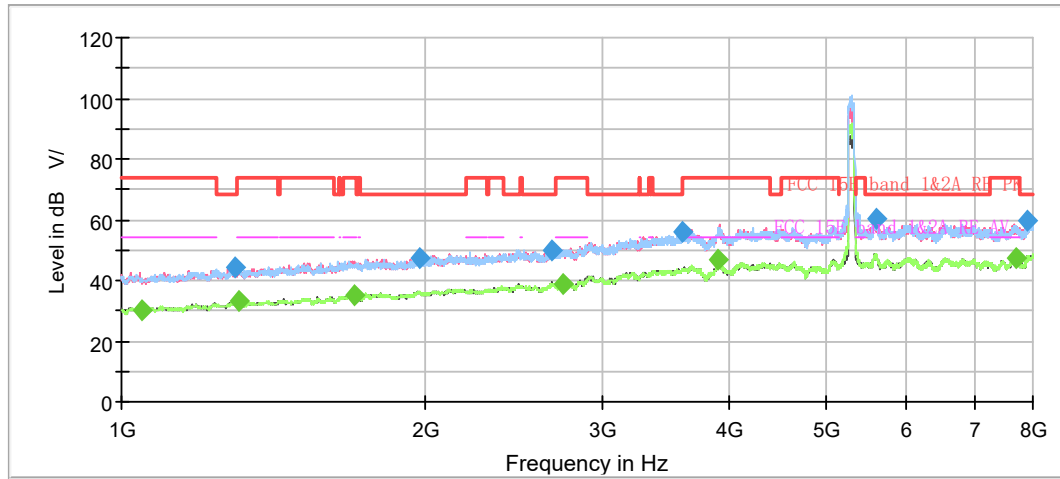
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1240.625000	44.12	---	68.20	24.08	500.0	100.0	H	356.0	-3.5
1394.625000	---	33.19	54.00	20.81	500.0	100.0	V	256.0	-2.4
1706.125000	---	35.15	54.00	18.85	500.0	200.0	V	332.0	0.4
1989.625000	47.71	---	68.20	20.49	500.0	100.0	V	268.0	1.6
2672.125000	50.12	---	68.20	18.08	500.0	200.0	V	170.0	5.6
2760.500000	---	39.06	54.00	14.94	500.0	200.0	V	320.0	5.7
3307.375000	54.96	---	68.20	13.24	500.0	100.0	V	104.0	9.2
3906.750000	---	46.53	54.00	7.47	500.0	200.0	V	271.0	13.5
5149.250000	---	48.22	54.00	5.78	500.0	200.0	H	65.0	14.1
5591.125000	59.93	---	68.20	8.27	500.0	200.0	V	246.0	18.1
7694.625000	---	47.38	54.00	6.62	500.0	200.0	H	103.0	19.3
7967.625000	59.69	---	68.20	8.51	500.0	100.0	H	0.0	19.9



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)
8026.250000	---	37.19	54.00	16.81	500.0	200.0	V	67.0	8.9
8713.750000	46.57	---	68.20	21.63	500.0	100.0	V	0.0	8.1
9483.750000	---	36.96	54.00	17.04	500.0	100.0	V	8.0	9.4
10176.250000	47.93	---	68.20	20.27	500.0	200.0	V	141.0	9.1
10581.250000	44.20	---	68.20	24.00	500.0	200.0	V	127.0	6.7
11980.000000	---	37.89	54.00	16.11	500.0	100.0	H	332.0	11.8
12270.000000	---	41.25	54.00	12.75	500.0	200.0	V	0.0	14.5
12700.000000	50.14	---	68.20	18.06	500.0	100.0	H	332.0	12.9
14840.000000	56.17	---	68.20	12.03	500.0	100.0	H	198.0	19.2
15425.000000	---	44.16	54.00	9.84	500.0	100.0	V	0.0	18.3
15961.250000	---	46.20	54.00	7.80	500.0	200.0	V	322.0	19.7
16543.750000	57.90	---	68.20	10.30	500.0	100.0	H	278.0	20.9

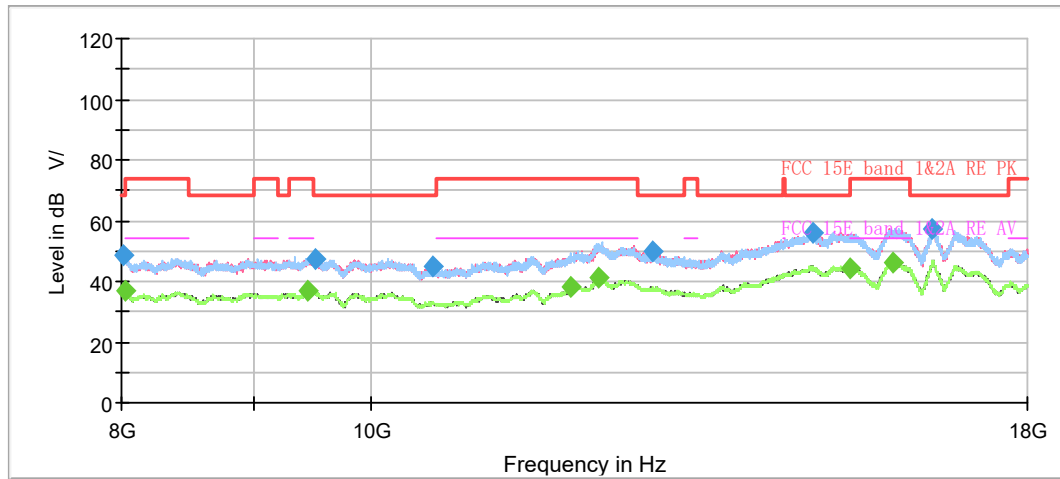
802.11ac (VHT80) CH58



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

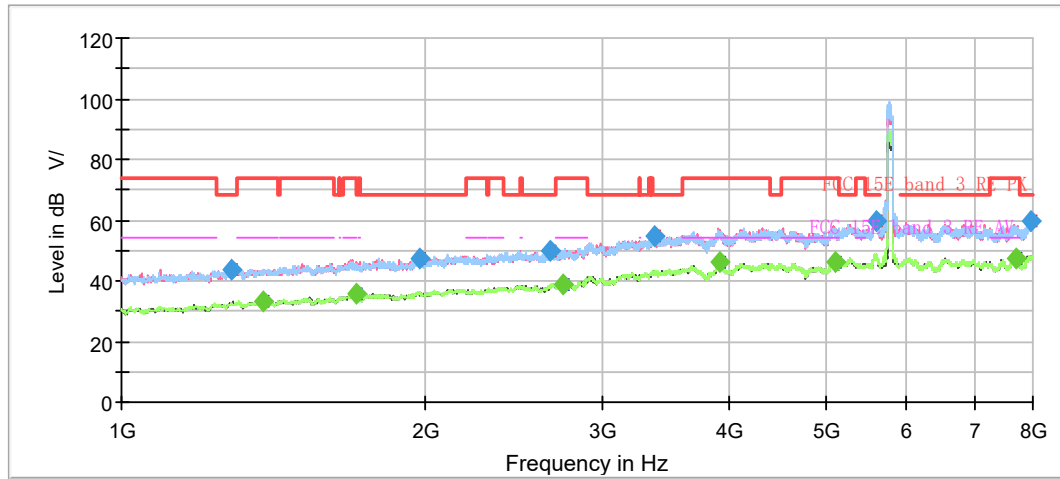
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1049.875000	---	30.09	54.00	23.91	500.0	200.0	V	91.0	-6.2
1298.375000	44.09	---	68.20	24.11	500.0	200.0	V	142.0	-2.9
1308.000000	---	33.16	54.00	20.84	500.0	200.0	H	335.0	-2.0
1702.625000	---	35.30	54.00	18.70	500.0	200.0	V	338.0	0.4
1972.125000	47.50	---	68.20	20.70	500.0	200.0	H	13.0	2.1
2666.875000	49.99	---	68.20	18.21	500.0	100.0	H	355.0	5.4
2742.125000	---	39.04	54.00	14.96	500.0	200.0	V	324.0	5.7
3594.375000	56.16	---	68.20	12.04	500.0	200.0	H	24.0	10.9
3906.750000	---	46.54	54.00	7.46	500.0	200.0	V	193.0	13.5
5588.500000	60.34	---	68.20	7.86	500.0	100.0	H	193.0	18.0
7685.000000	---	47.11	54.00	6.89	500.0	100.0	V	88.0	19.2
7902.875000	59.78	---	68.20	8.42	500.0	200.0	V	180.0	19.2



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)
8008.750000	48.89	---	68.20	19.31	500.0	100.0	V	112.0	9.6
8030.000000	---	37.13	54.00	16.87	500.0	200.0	V	279.0	8.8
9445.000000	---	36.81	54.00	17.19	500.0	200.0	H	129.0	8.9
9517.500000	47.46	---	68.20	20.74	500.0	100.0	H	25.0	8.8
10572.500000	44.82	---	68.20	23.38	500.0	200.0	V	317.0	6.7
11955.000000	---	37.91	54.00	16.09	500.0	100.0	V	47.0	11.5
12271.250000	---	41.40	54.00	12.60	500.0	200.0	H	286.0	14.6
12871.250000	49.73	---	68.20	18.47	500.0	200.0	H	0.0	12.2
14847.500000	56.30	---	68.20	11.90	500.0	200.0	H	74.0	19.0
15352.500000	---	44.30	54.00	9.70	500.0	200.0	V	356.0	17.6
15973.750000	---	46.38	54.00	7.62	500.0	100.0	V	0.0	19.8
16545.000000	57.33	---	68.20	10.87	500.0	100.0	V	0.0	20.8

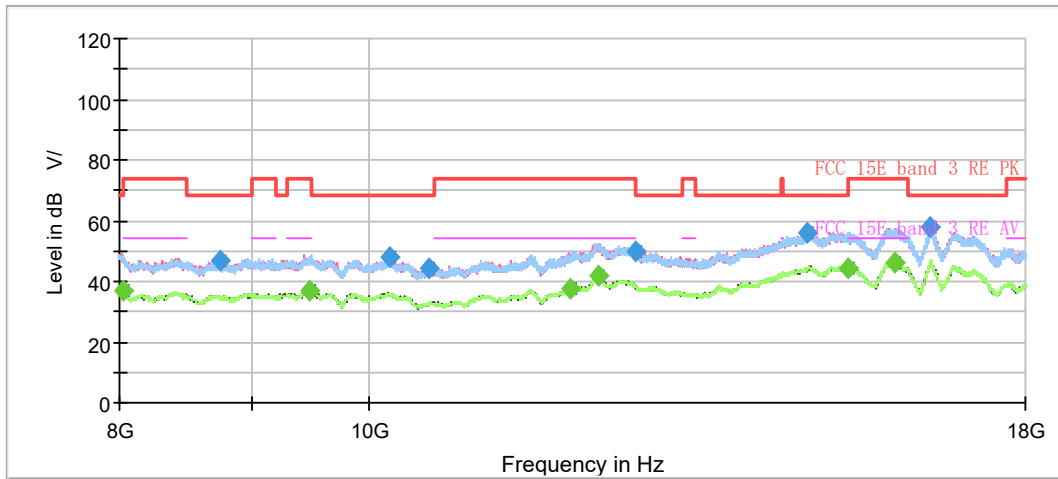
802.11ac (VHT80) CH155



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)
1285.250000	43.82	---	68.20	24.38	500.0	200.0	H	269.0	-3.0
1384.125000	---	33.13	54.00	20.87	500.0	200.0	V	199.0	-2.4
1709.625000	---	35.52	54.00	18.48	500.0	100.0	H	272.0	0.5
1975.625000	47.46	---	68.20	20.74	500.0	200.0	V	199.0	2.0
2663.375000	49.94	---	68.20	18.26	500.0	100.0	V	104.0	5.3
2743.000000	---	38.80	54.00	15.20	500.0	100.0	H	259.0	5.7
3369.500000	55.05	---	68.20	13.15	500.0	100.0	V	66.0	10.2
3909.375000	---	46.40	54.00	7.60	500.0	100.0	V	54.0	13.7
5095.000000	---	46.39	54.00	7.61	500.0	100.0	V	128.0	14.6
5590.250000	59.71	---	68.20	8.49	500.0	100.0	H	0.0	18.1
7692.875000	---	47.46	54.00	6.54	500.0	200.0	V	173.0	19.3
7982.500000	59.72	---	68.20	8.48	500.0	200.0	V	56.0	19.9



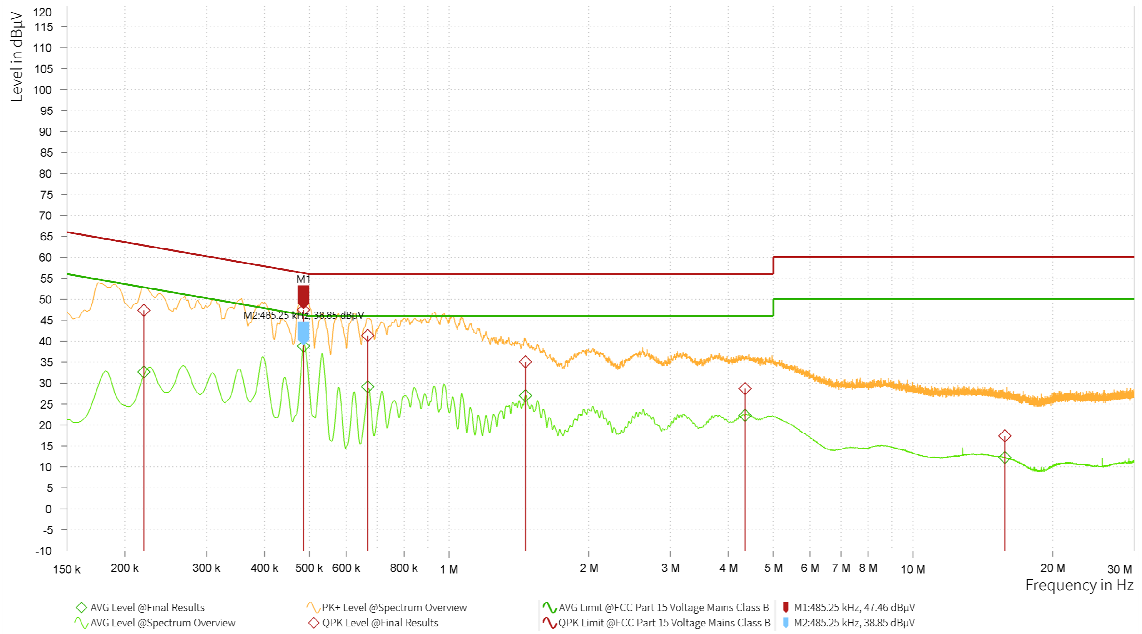
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8025.000000	---	36.84	54.00	17.16	500.0	100.0	H	333.0	9.0
8751.250000	46.86	---	68.20	21.34	500.0	100.0	V	0.0	8.1
9490.000000	---	36.95	54.00	17.05	500.0	100.0	H	321.0	9.3
10195.000000	48.24	---	68.20	19.96	500.0	100.0	H	241.0	8.8
10553.750000	44.53	---	68.20	23.67	500.0	200.0	V	344.0	6.5
11985.000000	---	37.81	54.00	16.19	500.0	200.0	H	13.0	11.8
12276.250000	---	41.57	54.00	12.43	500.0	100.0	V	93.0	14.6
12708.750000	49.60	---	68.20	18.60	500.0	100.0	V	0.0	12.9
14815.000000	56.19	---	68.20	12.01	500.0	100.0	V	264.0	19.2
15358.750000	---	44.13	54.00	9.87	500.0	100.0	V	277.0	17.7
16011.250000	---	46.25	54.00	7.75	500.0	200.0	H	106.0	20.1
16545.000000	57.99	---	68.20	10.21	500.0	100.0	V	66.0	20.8

2. Conducted Emission

2.1. Wi-Fi 5GHz

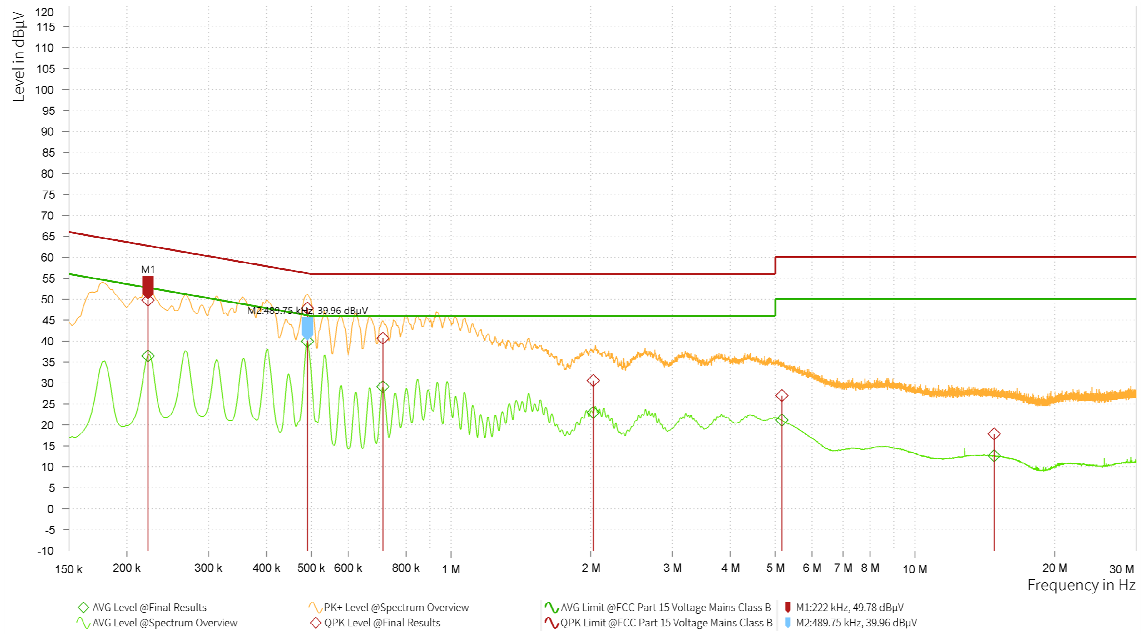
During the test, the Conducted Emission was performed in all modes with all channels. The test data of the worst-case condition (802.11n (HT40) CH62) was recorded in this report.



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]
0.220	47.32	62.83	15.51	32.65	52.83	20.18	21.00	L1	9.000	1.000
0.485	47.46	56.25	8.79	38.85	46.25	7.40	20.79	L1	9.000	1.000
0.668	41.35	56.00	14.65	29.10	46.00	16.90	20.60	L1	9.000	1.000
1.462	35.08	56.00	20.92	27.01	46.00	18.99	19.86	L1	9.000	1.000
4.344	28.67	56.00	27.33	22.29	46.00	23.71	19.42	L1	9.000	1.000
15.779	17.42	60.00	42.58	12.24	50.00	37.76	19.53	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]
0.222	49.78	62.74	12.96	36.49	52.74	16.26	21.01	N	9.000	1.000
0.490	47.85	56.17	8.32	39.96	46.17	6.21	20.80	N	9.000	1.000
0.713	40.66	56.00	15.34	29.13	46.00	16.87	20.56	N	9.000	1.000
2.027	30.56	56.00	25.44	22.97	46.00	23.03	19.65	N	9.000	1.000
5.163	26.99	60.00	33.01	21.20	50.00	28.80	19.41	N	9.000	1.000
14.825	17.88	60.00	42.12	12.63	50.00	37.37	19.53	N	9.000	1.000

Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 kHz to 30 MHz