

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

1. Unwanted Emission

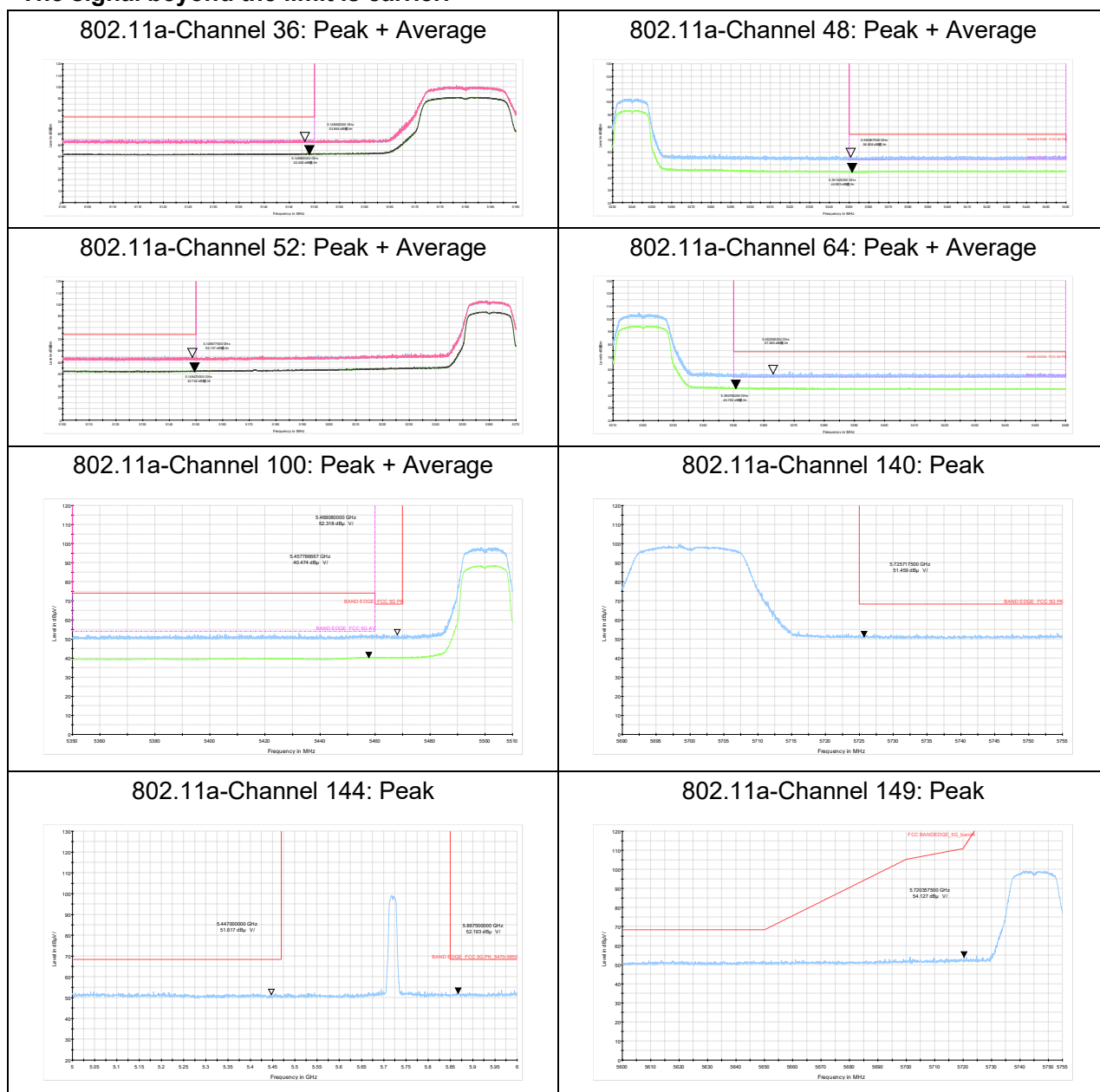
1.1. Wi-Fi 5GHz

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.

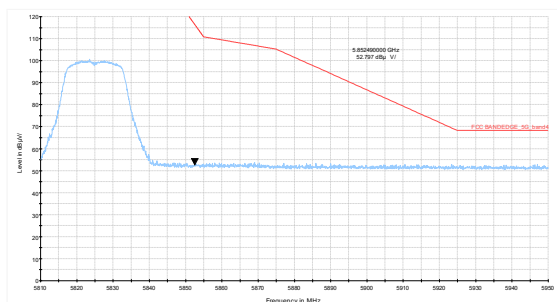
A symbol ($\text{dB}\mu\text{V/m}$) in the test plot below means ($\text{dB}\mu\text{V/m}$)

The modulation and bandwidth are similar for 802.11n mode for 20MHz/40MHz and 802.11ac mode for V20MHz/V40MHz, therefore investigated worst case to representative mode in test report.

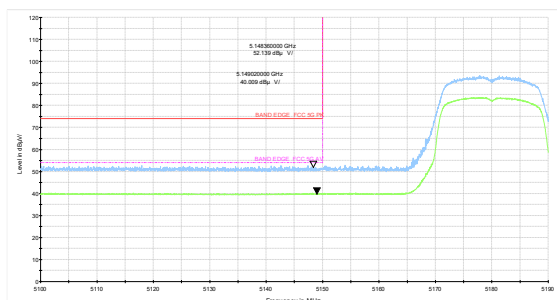
The signal beyond the limit is carrier.



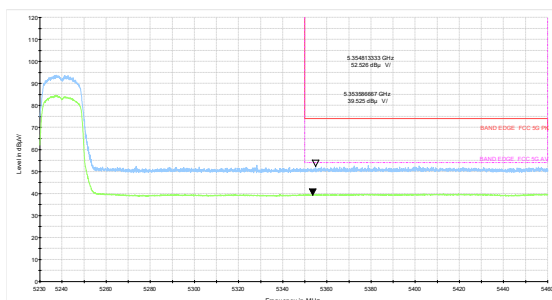
802.11a-Channel 165: Peak



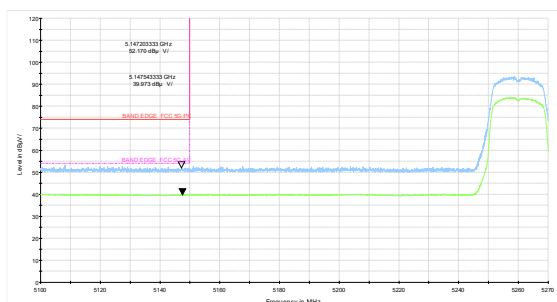
802.11n HT20-Channel 36: Peak + Average



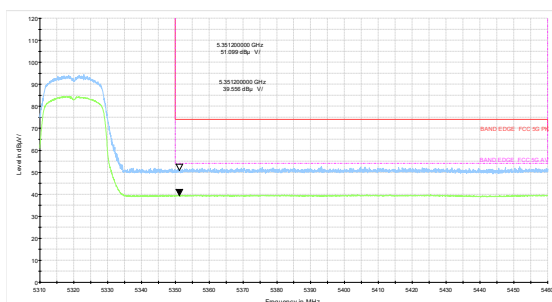
802.11n HT20-Channel 48: Peak + Average



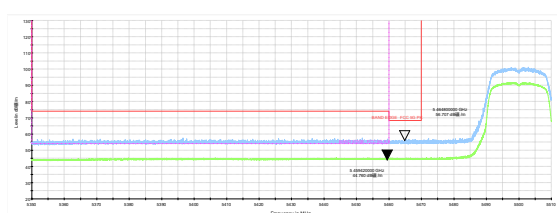
802.11n HT20-Channel 52: Peak + Average



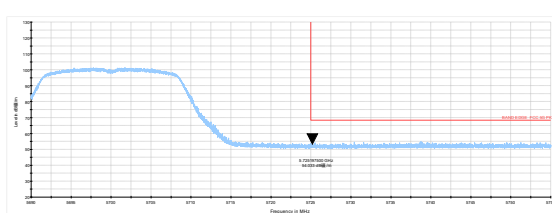
802.11n HT20-Channel 64: Peak + Average



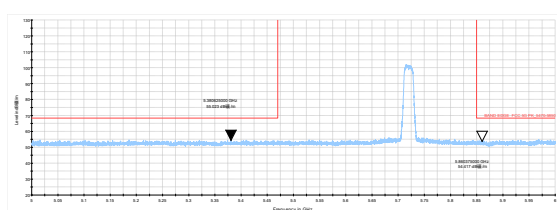
802.11n HT20-Channel 100: Peak + Average



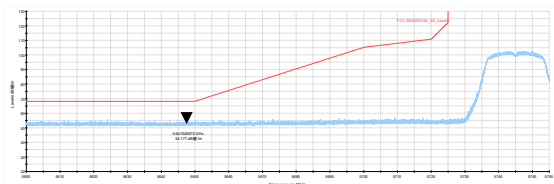
802.11n HT20-Channel 140: Peak



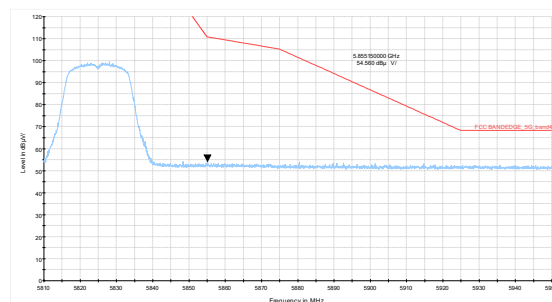
802.11n HT20-Channel 144: Peak



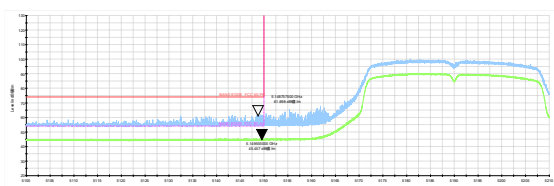
802.11n HT20-Channel 149: Peak



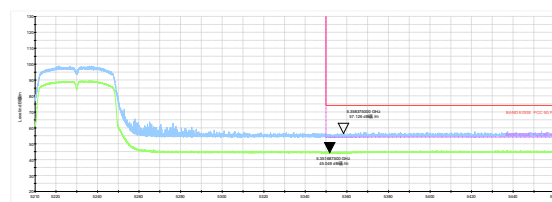
802.11n HT20-Channel 165: Peak



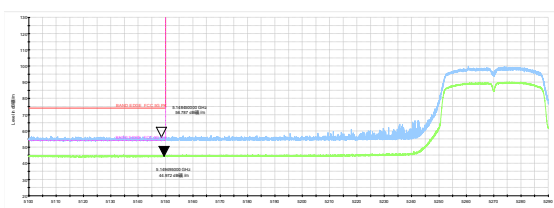
802.11n HT40-Channel 38: Peak + Average



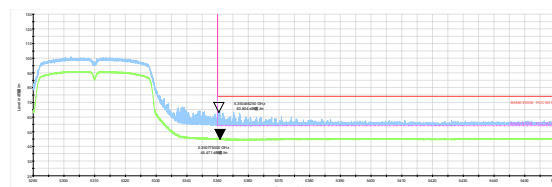
802.11n HT40-Channel 46: Peak + Average



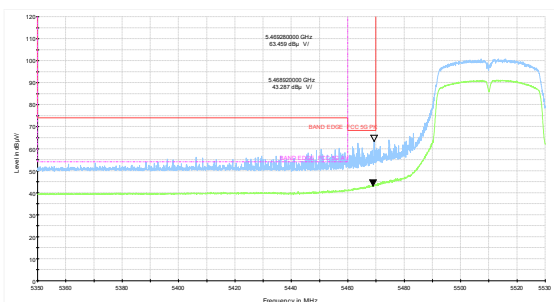
802.11n HT40-Channel 54: Peak + Average



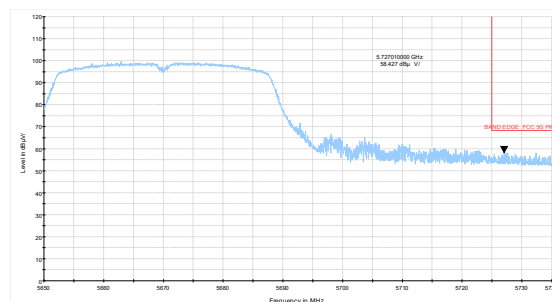
802.11n HT40-Channel 62: Peak + Average



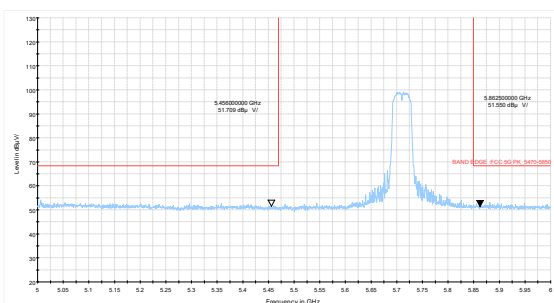
802.11n HT40-Channel 102: Peak + Average



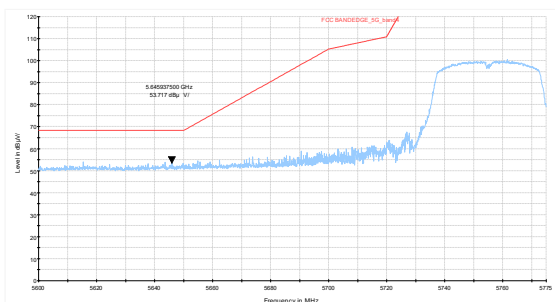
802.11n HT40-Channel 134: Peak



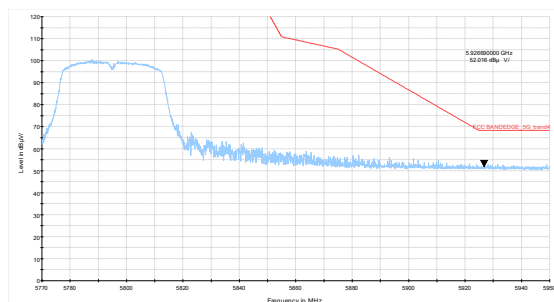
802.11n HT40-Channel 142: Peak



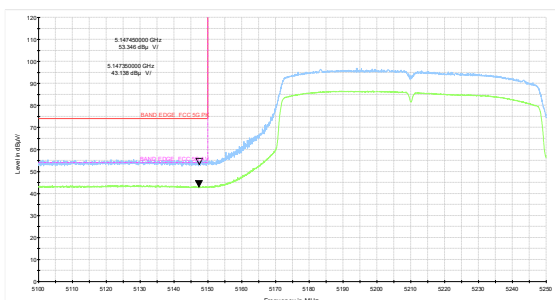
802.11n HT40-Channel 151: Peak



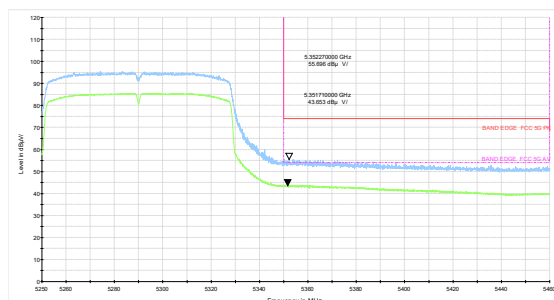
802.11n HT40-Channel 159: Peak



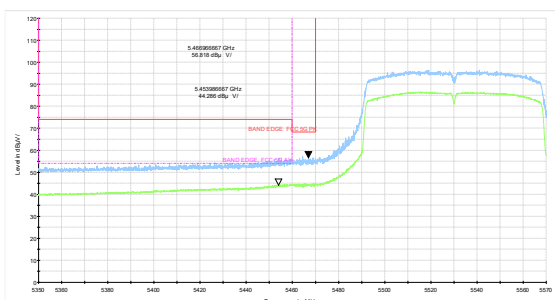
802.11ac VHT80 –Channel 42: Peak + Average



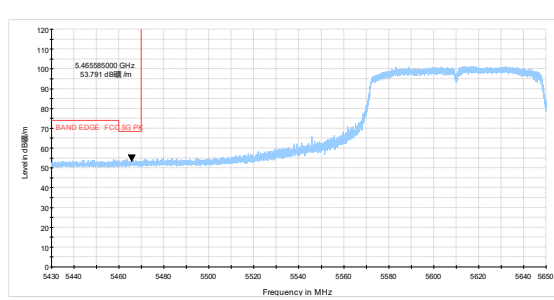
802.11ac VHT80 –Channel 58: Peak + Average



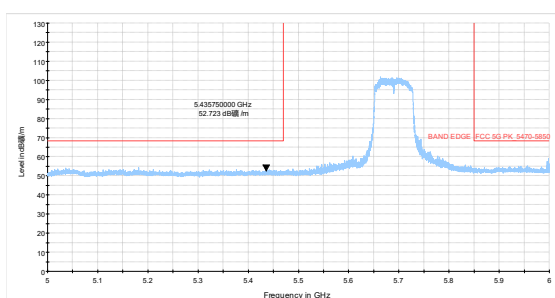
802.11ac VHT80-Channel 106: Peak + Average



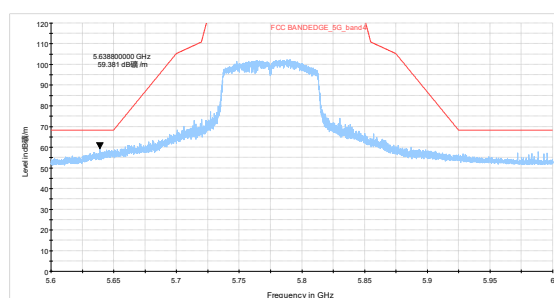
802.11ac VHT80- Channel 122: Peak



802.11ax HE80 –Channel 138: Peak



802.11ax HE80 –Channel 155: Peak + Average



Result of RE

Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier. The Radiates Emission from 30MHz to 1GHz and 18GHz to 40GHz are more than 20dB below the limit are not reported.

Remark:

1. **Margin = Limit – Quasi-Peak/ MAX Peak/ Average**
2. **A symbol ($\text{dB}\mu\text{V/m}$) in the test plot below means (dB $\mu\text{V/m}$)**
A symbol ($\text{dB}\mu\text{V}$) in the test plot below means (dB $\mu\text{V/m}$)
3. **The following graphs display the maximum values of coaxial and coplanar for 9k-30MHz; horizontal and vertical for above 30MHz by software.**
4. **For below 1GHz**

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

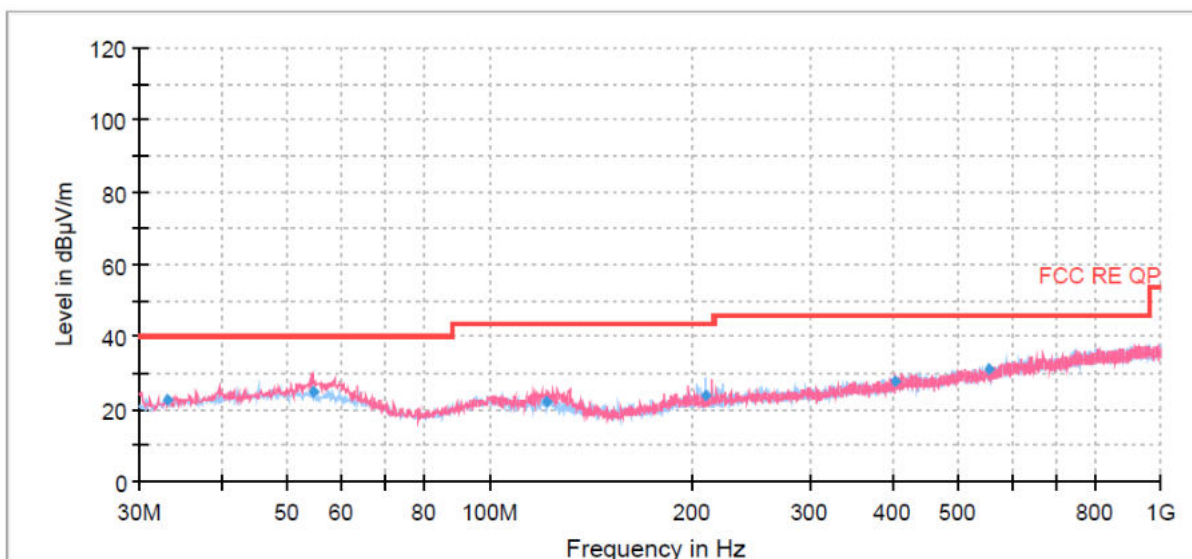
For above 1GHz

 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 (**802.11a CH36**) was recorded in this report.

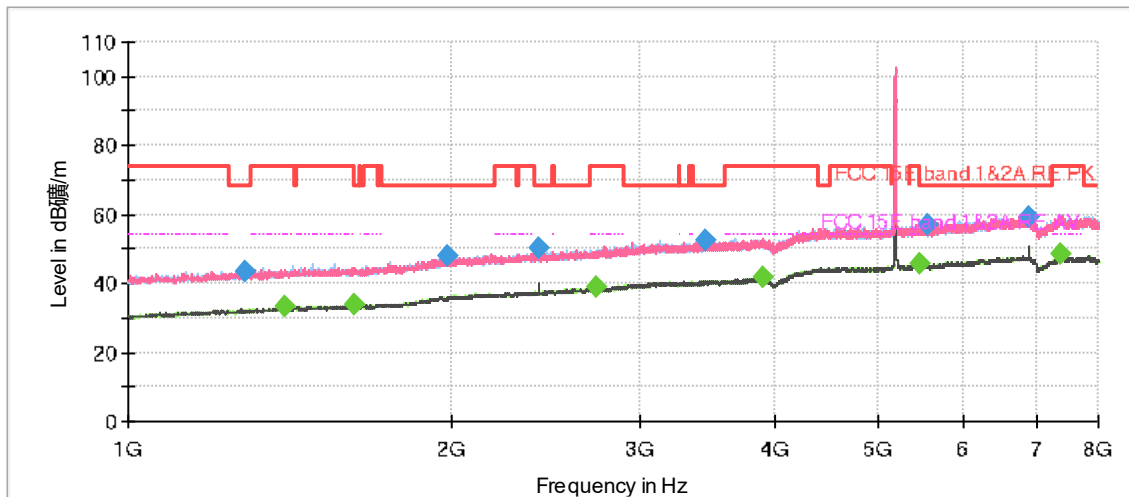


Radiates Emission from 30MHz to 1GHz

Final Result

Frequency (MHz)	QuasiPeak (dB $\mu\text{V/m}$)	Limit (dB $\mu\text{V/m}$)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
33.03	22.45	40.00	17.55	1000.00	109.0	V	50.00	17
54.61	25.14	40.00	14.86	1000.00	175.0	V	277.00	20
121.18	22.29	43.50	21.21	1000.00	100.0	V	330.00	17
209.09	23.92	43.50	19.58	1000.00	125.0	H	110.00	18
401.75	27.80	46.00	18.20	1000.00	184.0	V	156.00	23
552.35	31.00	46.00	15.00	1000.00	101.0	H	198.00	26

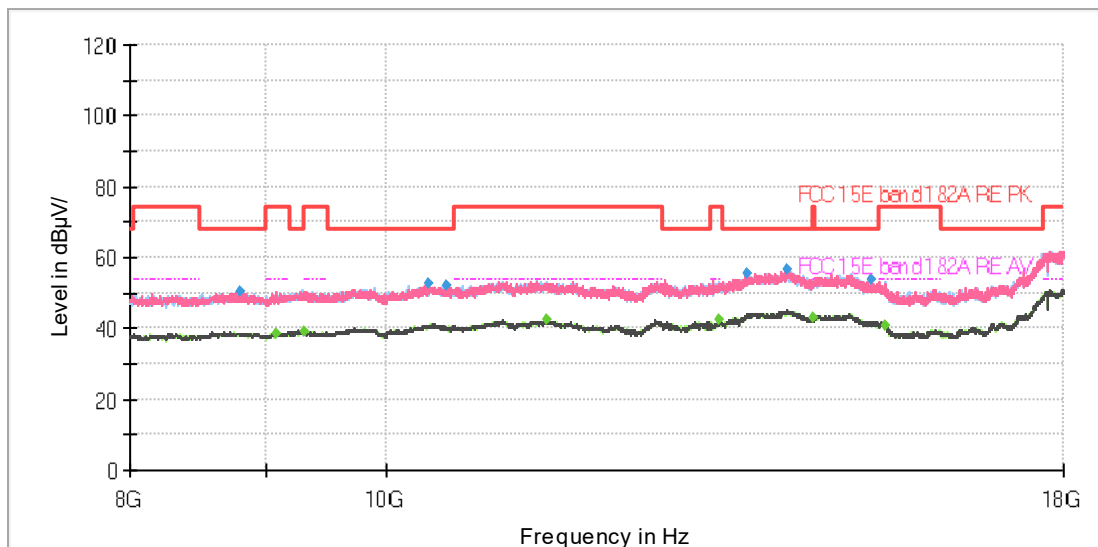
802.11a CH36



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

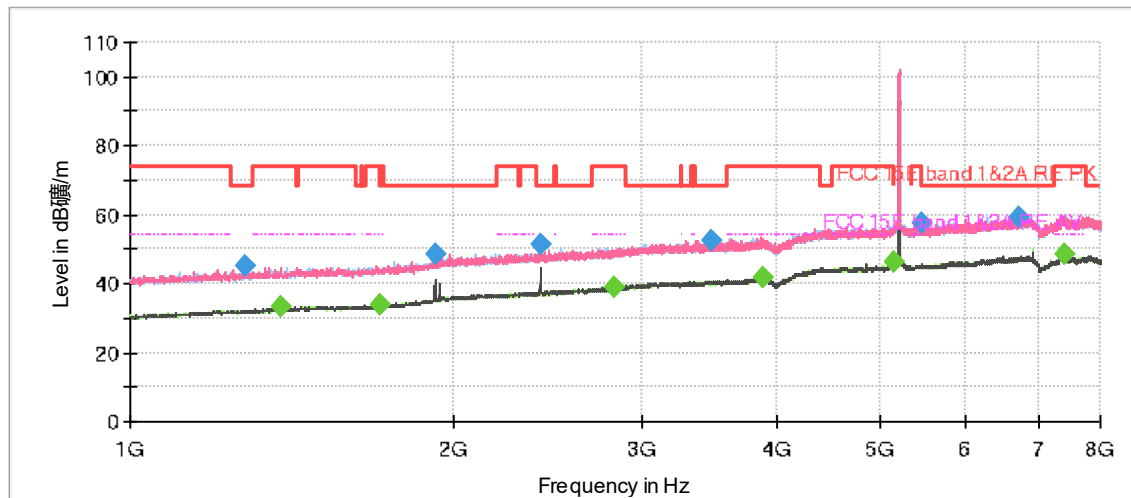
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1282.625000	43.49	---	68.20	24.71	500.0	200.0	V	348.0
1399.875000	---	33.03	54.00	20.97	500.0	100.0	H	0.0
1623.000000	---	33.82	54.00	20.18	500.0	100.0	H	119.0
1982.625000	47.83	---	68.20	20.37	500.0	100.0	H	136.0
2415.750000	50.15	---	68.20	18.05	500.0	200.0	H	352.0
2731.625000	---	38.81	54.00	15.19	500.0	100.0	H	177.0
3443.875000	52.42	---	68.20	15.78	500.0	100.0	V	260.0
3902.375000	---	41.67	54.00	12.33	500.0	200.0	V	148.0
5452.875000	---	45.51	54.00	8.49	500.0	100.0	V	81.0
5543.875000	57.20	---	68.20	11.00	500.0	200.0	V	29.0
6879.125000	59.37	---	68.20	8.83	500.0	100.0	V	209.0
7378.750000	---	48.57	54.00	5.43	500.0	100.0	H	296.0



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)
8803.75	50.63	---	68.20	17.57	500.00	100.0	H	359.00
9080.00	---	38.74	54.00	15.26	500.00	100.0	V	12.00
9315.00	---	39.33	54.00	14.67	500.00	200.0	V	349.00
10366.25	52.90	---	68.20	15.30	500.00	200.0	V	207.00
10531.25	51.90	---	68.20	16.30	500.00	100.0	V	60.00
11492.50	---	42.26	54.00	11.74	500.00	100.0	V	122.00
13340.00	---	42.42	54.00	11.58	500.00	100.0	H	190.00
13683.75	55.53	---	68.20	12.67	500.00	100.0	H	359.00
14163.75	56.54	---	68.20	11.66	500.00	200.0	H	201.00
14485.00	---	42.81	54.00	11.19	500.00	100.0	H	0.00
15228.75	53.50	---	68.20	14.70	500.00	200.0	H	248.00
15427.50	---	40.65	54.00	13.35	500.00	100.0	H	46.00

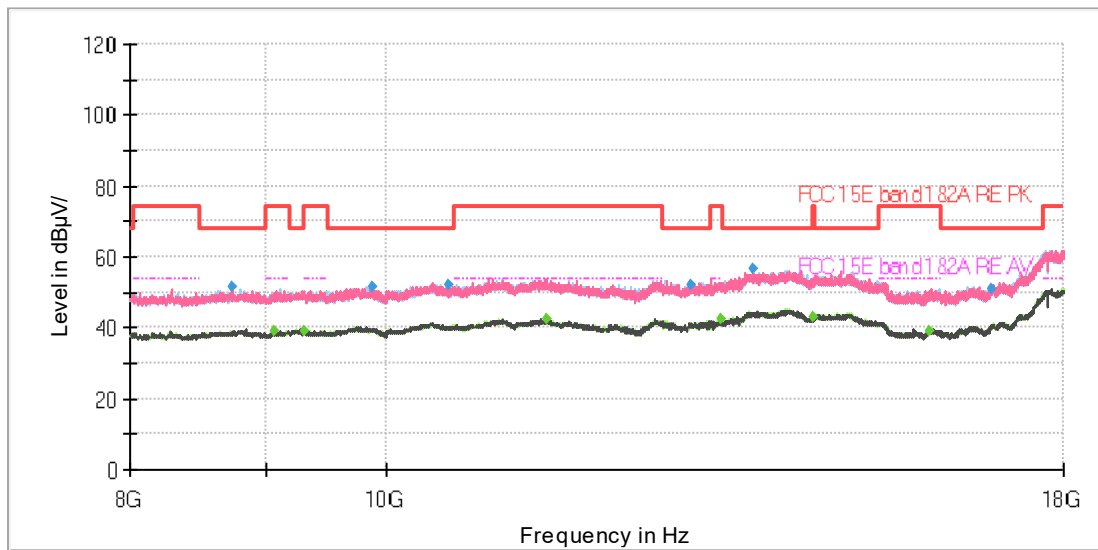
802.11a CH40



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

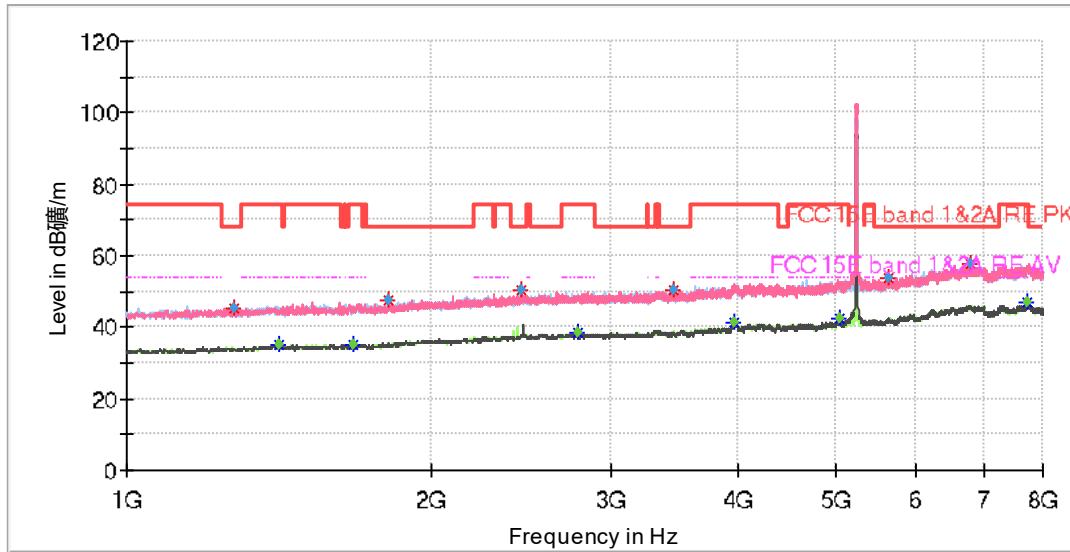
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1277.375000	45.20	---	68.20	23.00	500.0	200.0	H	280.0
1382.375000	---	33.10	54.00	20.90	500.0	100.0	V	218.0
1705.250000	---	33.95	54.00	20.05	500.0	100.0	V	270.0
1926.625000	48.39	---	68.20	19.81	500.0	200.0	V	83.0
2408.750000	51.41	---	68.20	16.79	500.0	200.0	V	0.0
2820.875000	---	38.89	54.00	15.11	500.0	100.0	V	359.0
3480.625000	52.33	---	68.20	15.87	500.0	100.0	H	0.0
3881.375000	---	41.85	54.00	12.15	500.0	100.0	H	211.0
5144.875000	---	46.18	54.00	7.82	500.0	100.0	H	76.0
5466.875000	57.31	---	68.20	10.89	500.0	200.0	H	110.0
6723.375000	59.47	---	68.20	8.73	500.0	100.0	V	337.0
7425.125000	---	48.52	54.00	5.48	500.0	200.0	V	1.0



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)
8748.75	51.23	---	68.20	16.97	500.00	200.0	V	252.00
9068.75	---	39.02	54.00	14.99	500.00	100.0	H	158.00
9313.75	---	39.21	54.00	14.79	500.00	200.0	H	265.00
9873.75	51.72	---	68.20	16.48	500.00	200.0	V	14.00
10542.50	51.90	---	68.20	16.30	500.00	100.0	H	340.00
11493.75	---	42.49	54.00	11.51	500.00	200.0	H	169.00
13031.25	52.34	---	68.20	15.86	500.00	100.0	H	308.00
13370.00	---	42.32	54.00	11.68	500.00	100.0	V	101.00
13737.50	56.47	---	68.20	11.73	500.00	100.0	H	14.00
14491.25	---	42.93	54.00	11.07	500.00	100.0	H	158.00
16032.50	---	38.97	54.00	15.03	500.00	200.0	H	201.00
16903.75	50.94	---	68.20	17.26	500.00	100.0	H	260.00

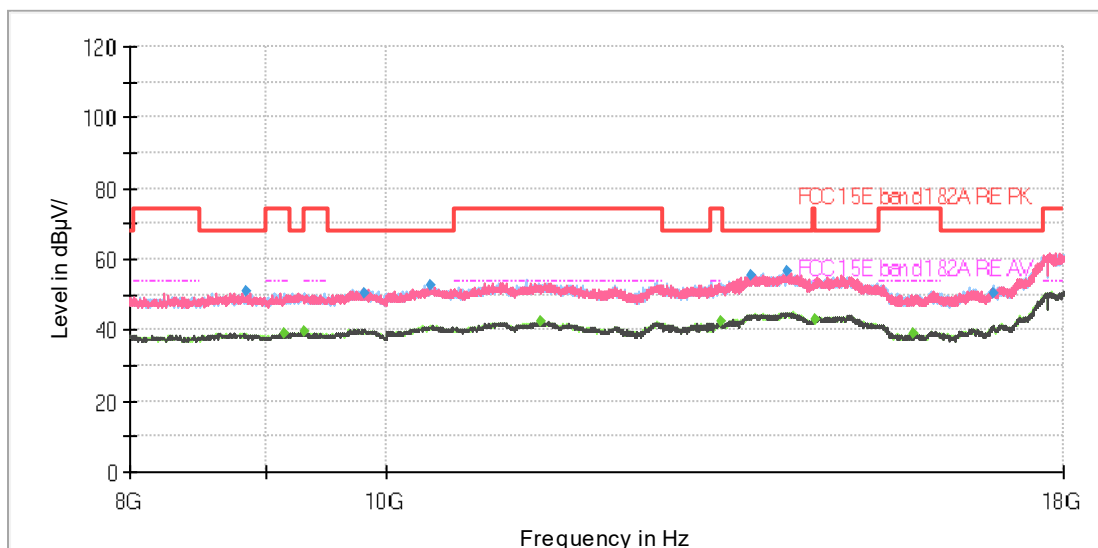
802.11a CH48



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

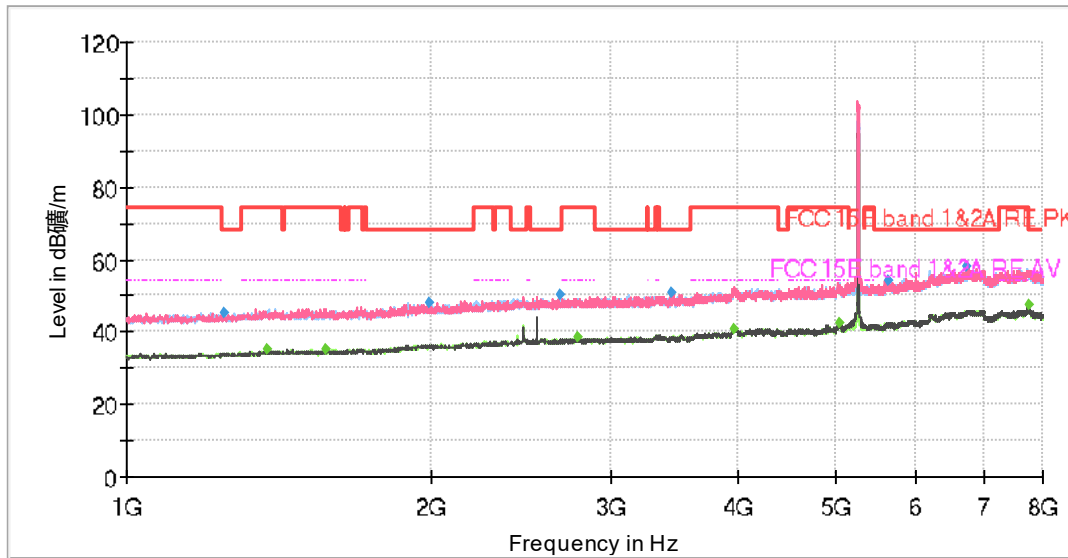
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1276.50	45.39	---	68.20	22.81	500.00	100.0	V	0.00
1413.00	---	35.00	54.00	19.00	500.00	100.0	V	223.00
1672.88	---	35.34	54.00	18.66	500.00	100.0	H	205.00
1807.63	47.56	---	68.20	20.64	500.00	200.0	H	348.00
2450.75	50.37	---	68.20	17.83	500.00	200.0	V	252.00
2778.88	---	38.22	54.00	15.78	500.00	100.0	H	34.00
3458.75	50.49	---	68.20	17.71	500.00	100.0	H	0.00
3975.88	---	41.23	54.00	12.77	500.00	200.0	V	25.00
5040.75	---	42.27	54.00	11.73	500.00	200.0	V	3.00
5634.88	53.70	---	68.20	14.50	500.00	200.0	V	130.00
6802.13	57.68	---	68.20	10.52	500.00	200.0	V	14.00
7731.38	---	46.70	54.00	7.30	500.00	100.0	V	348.00



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)
8851.25	51.09	---	68.20	17.11	500.00	200.0	V	193.00
9153.75	---	39.09	54.00	14.91	500.00	200.0	H	233.00
9313.75	---	39.62	54.00	14.38	500.00	100.0	H	358.00
9801.25	50.29	---	68.20	17.91	500.00	100.0	H	325.00
10392.50	52.55	---	68.20	15.65	500.00	100.0	V	0.00
11426.25	---	42.29	54.00	11.71	500.00	100.0	H	237.00
13356.25	---	42.42	54.00	11.58	500.00	100.0	V	9.00
13730.00	55.71	---	68.20	12.49	500.00	200.0	V	0.00
14152.50	56.43	---	68.20	11.77	500.00	200.0	H	72.00
14497.50	---	43.09	54.00	10.91	500.00	200.0	V	359.00
15808.75	---	39.24	54.00	14.76	500.00	200.0	H	265.00
16933.75	50.52	---	68.20	17.68	500.00	100.0	V	132.00

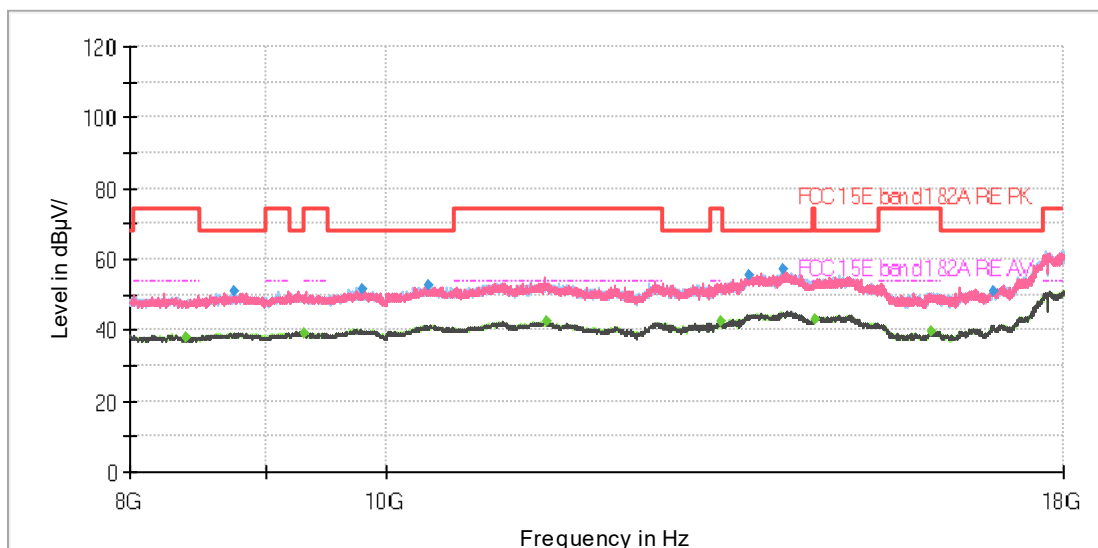
802.11a CH52



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

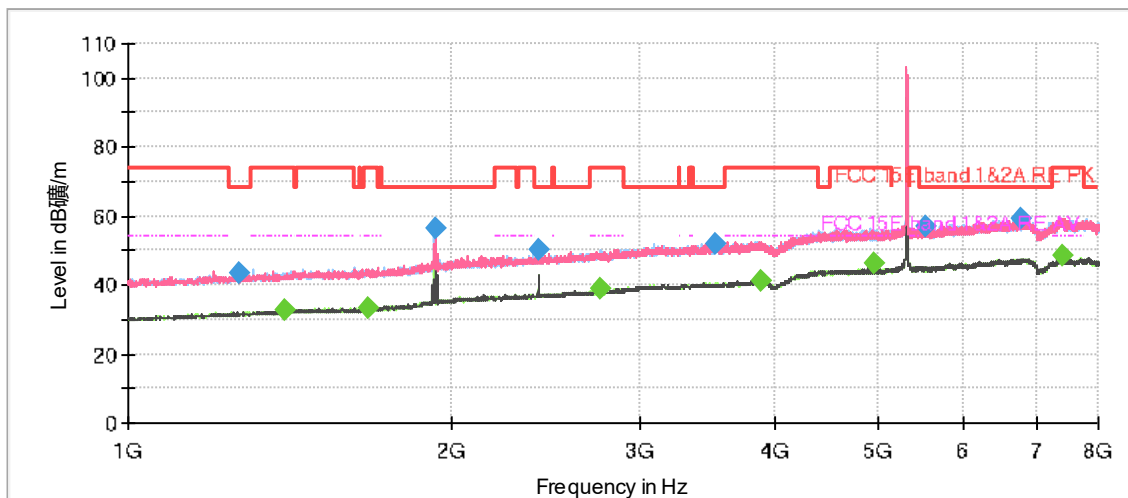
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1246.75	44.99	---	68.20	23.21	500.00	100.0	H	315.00
1373.63	---	35.04	54.00	18.96	500.00	200.0	H	357.00
1574.00	---	35.41	54.00	18.59	500.00	200.0	H	74.00
1987.88	47.96	---	68.20	20.24	500.00	200.0	H	148.00
2678.25	50.05	---	68.20	18.15	500.00	100.0	H	3.00
2778.88	---	38.38	54.00	15.62	500.00	200.0	V	0.00
3451.75	50.96	---	68.20	17.24	500.00	100.0	V	0.00
3971.50	---	40.81	54.00	13.19	500.00	100.0	H	1.00
5039.88	---	42.29	54.00	11.71	500.00	200.0	V	6.00
5634.88	54.03	---	68.20	14.17	500.00	100.0	H	354.00
6737.38	57.79	---	68.20	10.41	500.00	100.0	V	132.00
7741.88	---	47.68	54.00	6.32	500.00	100.0	V	311.00



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)
8405.00	---	37.93	54.00	16.07	500.00	100.0	V	87.00
8752.50	51.03	---	68.20	17.17	500.00	200.0	H	174.00
9312.50	---	39.09	54.00	14.91	500.00	100.0	V	230.00
9781.25	51.47	---	68.20	16.73	500.00	100.0	V	71.00
10365.00	52.41	---	68.20	15.79	500.00	200.0	H	111.00
11486.25	---	42.31	54.00	11.69	500.00	100.0	V	198.00
13362.50	---	42.63	54.00	11.37	500.00	200.0	V	314.00
13692.50	55.38	---	68.20	12.82	500.00	200.0	V	0.00
14113.75	56.95	---	68.20	11.25	500.00	100.0	V	358.00
14497.50	---	43.03	54.00	10.97	500.00	100.0	H	157.00
16038.75	---	39.74	54.00	14.26	500.00	200.0	V	226.00
16938.75	51.12	---	68.20	17.08	500.00	100.0	H	354.00

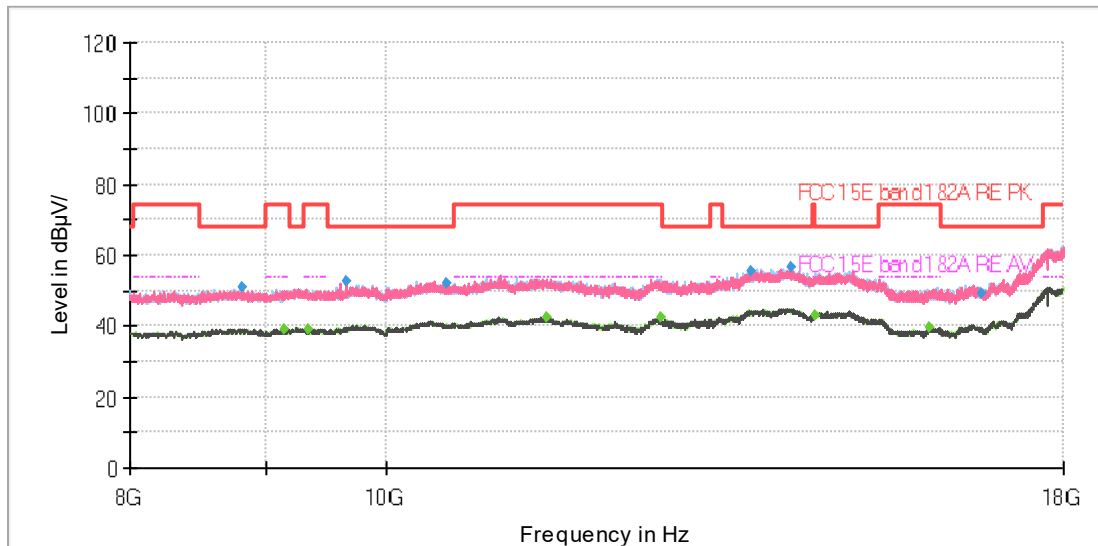
802.11a CH60



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

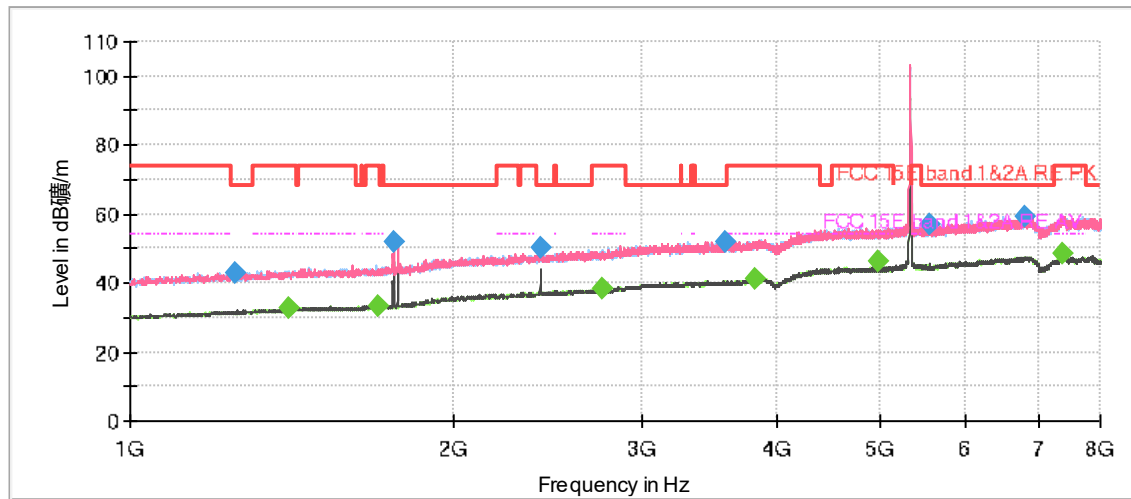
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1267.750000	43.33	---	68.20	24.87	500.0	100.0	H	227.0
1396.375000	---	32.57	54.00	21.43	500.0	100.0	H	6.0
1672.000000	---	33.52	54.00	20.48	500.0	100.0	V	303.0
1932.750000	56.31	---	68.20	11.89	500.0	100.0	V	235.0
2409.625000	50.41	---	68.20	17.79	500.0	100.0	H	159.0
2753.500000	---	38.68	54.00	15.32	500.0	100.0	V	235.0
3526.125000	52.04	---	68.20	16.16	500.0	200.0	V	91.0
3878.750000	---	41.36	54.00	12.64	500.0	100.0	V	0.0
4948.000000	---	46.18	54.00	7.82	500.0	200.0	H	80.0
5522.875000	56.99	---	68.20	11.21	500.0	200.0	H	348.0
6791.625000	59.04	---	68.20	9.16	500.0	200.0	H	348.0
7416.375000	---	48.28	54.00	5.72	500.0	100.0	H	125.0



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)
8815.00	50.69	---	68.20	17.51	500.00	100.0	V	280.00
9155.00	---	38.97	54.00	15.03	500.00	200.0	H	124.00
9335.00	---	39.25	54.00	14.75	500.00	100.0	H	218.00
9660.00	52.41	---	68.20	15.79	500.00	100.0	V	0.00
10538.75	51.90	---	68.20	16.30	500.00	200.0	H	76.00
11495.00	---	42.49	54.00	11.51	500.00	200.0	V	96.00
12681.25	---	42.42	54.00	11.58	500.00	200.0	H	76.00
13721.25	55.50	---	68.20	12.70	500.00	100.0	V	0.00
14212.50	56.42	---	68.20	11.78	500.00	200.0	H	0.00
14498.75	---	42.81	54.00	11.19	500.00	200.0	H	237.00
16013.75	---	39.41	54.00	14.59	500.00	100.0	H	346.00
16771.25	49.39	---	68.20	18.81	500.00	100.0	H	267.00

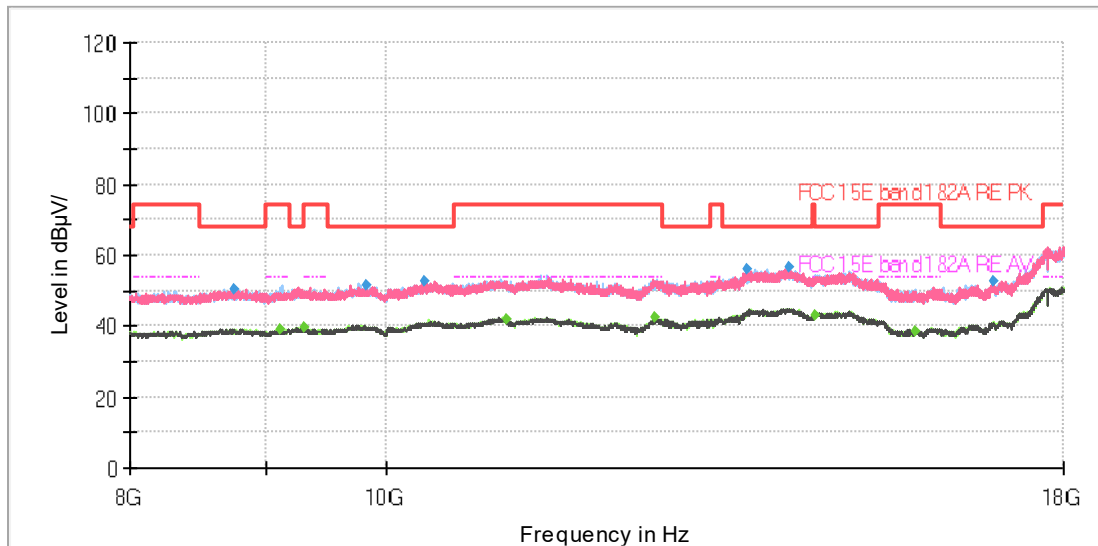
802.11a CH64



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

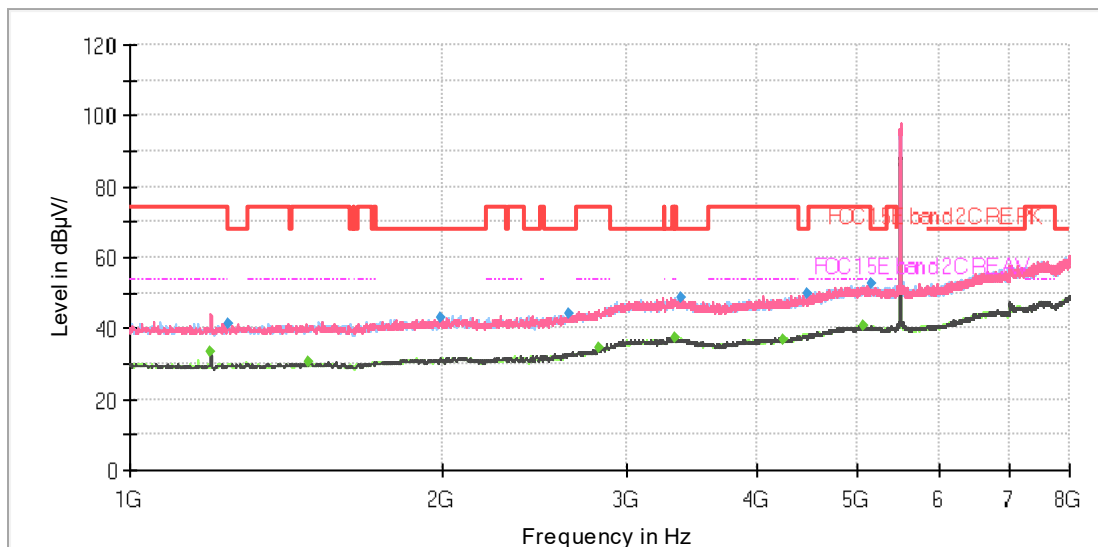
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1251.125000	42.98	---	68.20	25.22	500.0	100.0	H	177.0
1406.000000	---	32.45	54.00	21.55	500.0	100.0	H	24.0
1700.875000	---	33.25	54.00	20.75	500.0	200.0	H	80.0
1759.500000	51.66	---	68.20	16.54	500.0	200.0	V	289.0
2409.625000	50.28	---	68.20	17.92	500.0	200.0	H	0.0
2750.000000	---	38.37	54.00	15.63	500.0	200.0	V	177.0
3586.500000	52.08	---	68.20	16.12	500.0	200.0	H	182.0
3820.125000	---	41.25	54.00	12.75	500.0	200.0	H	295.0
4968.125000	---	46.25	54.00	7.75	500.0	100.0	H	58.0
5539.500000	56.96	---	68.20	11.24	500.0	200.0	V	64.0
6802.125000	59.15	---	68.20	9.05	500.0	100.0	V	124.0
7392.750000	---	48.25	54.00	5.75	500.0	100.0	V	280.0



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)
8756.25	50.38	---	68.20	17.82	500.00	100.0	V	53.00
9110.00	---	38.85	54.00	15.15	500.00	200.0	H	84.00
9308.75	---	39.41	54.00	14.59	500.00	200.0	H	0.00
9827.50	51.68	---	68.20	16.52	500.00	200.0	V	322.00
10335.00	52.91	---	68.20	15.29	500.00	100.0	V	233.00
11092.50	---	41.72	54.00	12.28	500.00	200.0	H	19.00
12628.75	---	42.28	54.00	11.72	500.00	200.0	H	67.00
13667.50	56.04	---	68.20	12.16	500.00	200.0	V	306.00
14191.25	56.36	---	68.20	11.84	500.00	200.0	V	208.00
14495.00	---	42.95	54.00	11.05	500.00	200.0	H	280.00
15832.50	---	38.64	54.00	15.36	500.00	200.0	H	148.00
16935.00	52.46	---	68.20	15.74	500.00	200.0	H	19.00

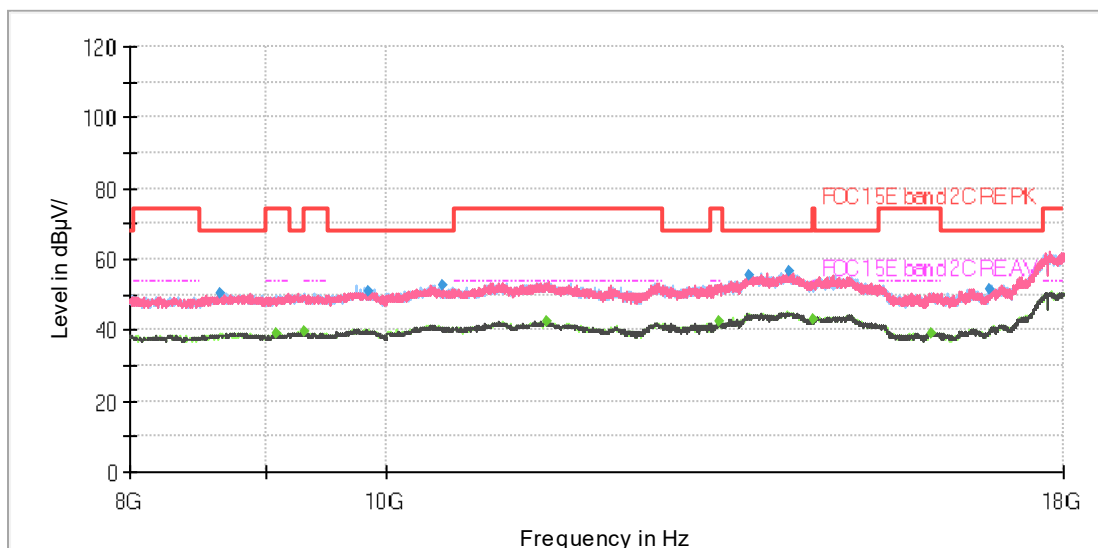
802.11a CH100



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

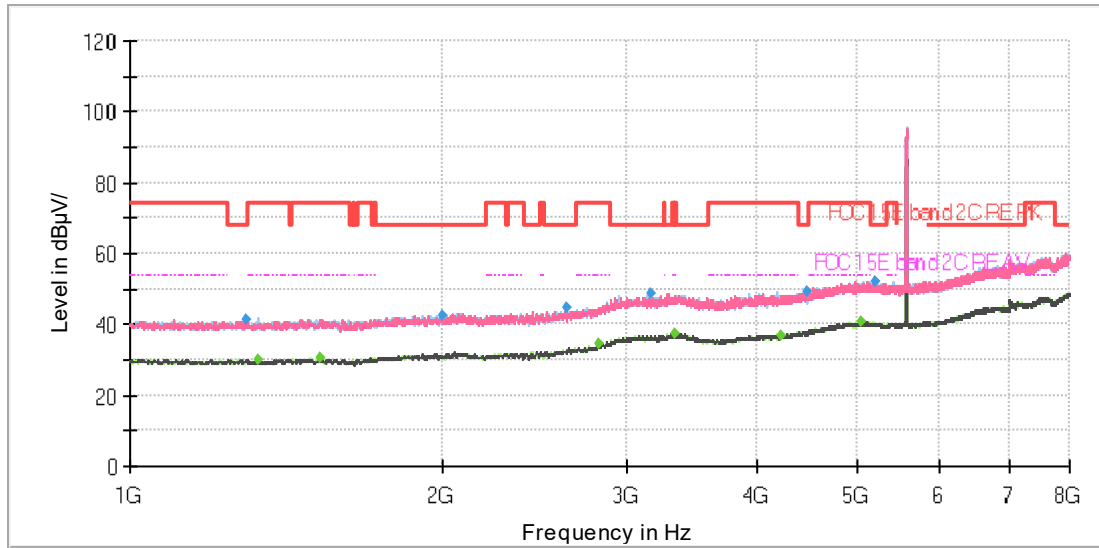
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1196.00	---	33.28	54.00	20.72	500.00	200.0	V	162.00
1245.00	41.47	---	68.20	26.73	500.00	200.0	H	159.00
1484.75	---	30.37	54.00	23.63	500.00	100.0	H	4.00
1987.00	42.95	---	68.20	25.25	500.00	100.0	H	82.00
2642.38	44.43	---	68.20	23.77	500.00	100.0	H	10.00
2821.75	---	34.28	54.00	19.72	500.00	100.0	V	237.00
3337.13	---	37.30	54.00	16.70	500.00	100.0	V	225.00
3389.63	48.83	---	68.20	19.37	500.00	200.0	V	237.00
4242.75	---	36.91	54.00	17.09	500.00	100.0	V	237.00
4476.38	49.67	---	68.20	18.53	500.00	200.0	H	289.00
5068.75	---	40.84	54.00	13.16	500.00	200.0	V	311.00
5153.63	52.36	---	68.20	15.84	500.00	200.0	H	0.00



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)
8653.75	50.35	---	68.20	17.85	500.00	100.0	H	249.00
9081.25	---	38.94	54.00	15.06	500.00	200.0	V	59.00
9308.75	---	39.47	54.00	14.53	500.00	200.0	H	358.00
9838.75	50.81	---	68.20	17.39	500.00	100.0	H	346.00
10502.50	52.44	---	68.20	15.76	500.00	200.0	H	64.00
11483.75	---	42.51	54.00	11.49	500.00	200.0	H	81.00
13345.00	---	42.44	54.00	11.56	500.00	200.0	V	120.00
13696.25	55.24	---	68.20	12.96	500.00	200.0	V	1.00
14171.25	56.61	---	68.20	11.59	500.00	200.0	H	290.00
14488.75	---	42.96	54.00	11.04	500.00	200.0	V	153.00
16050.00	---	39.32	54.00	14.68	500.00	200.0	H	225.00
16880.00	51.50	---	68.20	16.70	500.00	100.0	H	2.00

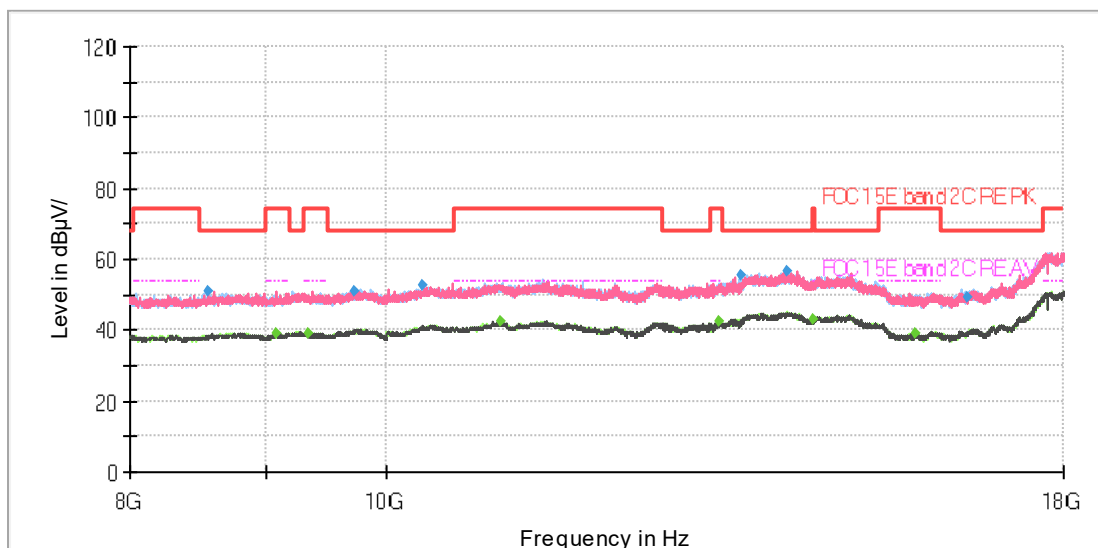
802.11a CH116



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

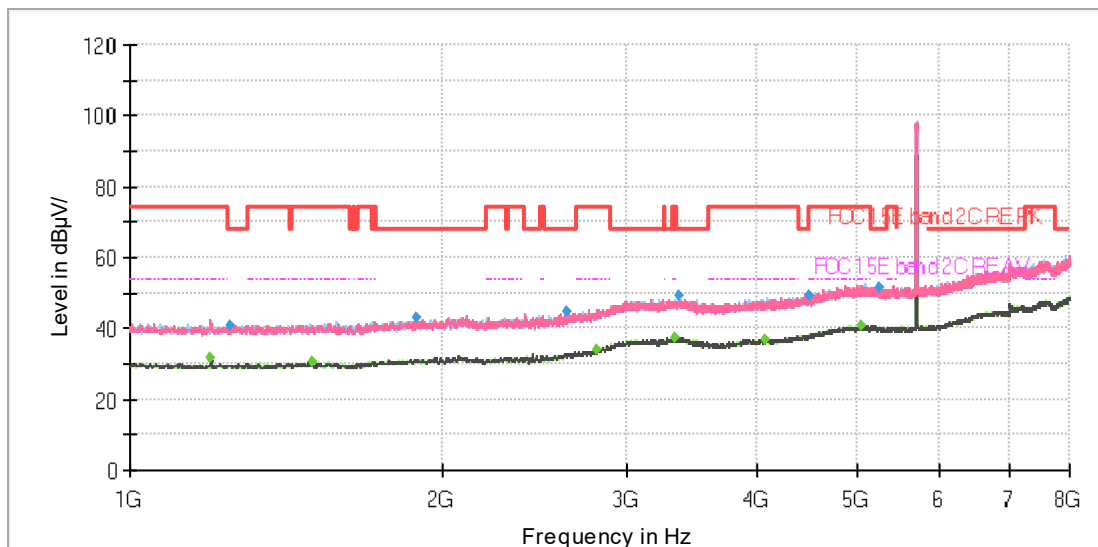
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1292.25	41.12	---	68.20	27.08	500.00	100.0	V	146.00
1329.88	---	30.25	54.00	23.75	500.00	100.0	H	180.00
1523.25	---	30.61	54.00	23.39	500.00	100.0	H	252.00
1997.50	42.66	---	68.20	25.54	500.00	200.0	H	197.00
2631.00	44.72	---	68.20	23.48	500.00	100.0	V	193.00
2820.00	---	34.44	54.00	19.56	500.00	100.0	H	60.00
3173.50	48.64	---	68.20	19.56	500.00	100.0	H	72.00
3336.25	---	37.15	54.00	16.85	500.00	100.0	V	0.00
4222.63	---	37.06	54.00	16.94	500.00	200.0	H	268.00
4469.38	49.24	---	68.20	18.96	500.00	100.0	V	289.00
5045.13	---	40.77	54.00	13.23	500.00	100.0	H	264.00
5195.63	51.82	---	68.20	16.38	500.00	100.0	V	333.00



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)
8558.75	50.89	---	68.20	17.31	500.00	100.0	V	357.00
9081.25	---	38.87	54.00	15.13	500.00	200.0	V	153.00
9341.25	---	39.31	54.00	14.69	500.00	100.0	V	258.00
9723.75	51.18	---	68.20	17.02	500.00	200.0	H	175.00
10317.50	52.44	---	68.20	15.76	500.00	200.0	H	14.00
11038.75	---	42.52	54.00	11.48	500.00	100.0	H	43.00
13347.50	---	42.24	54.00	11.76	500.00	200.0	V	137.00
13592.50	55.51	---	68.20	12.69	500.00	200.0	H	238.00
14166.25	56.48	---	68.20	11.72	500.00	200.0	V	27.00
14485.00	---	42.90	54.00	11.10	500.00	200.0	H	0.00
15813.75	---	38.97	54.00	15.03	500.00	100.0	V	304.00
16547.50	49.45	---	68.20	18.75	500.00	200.0	H	0.00

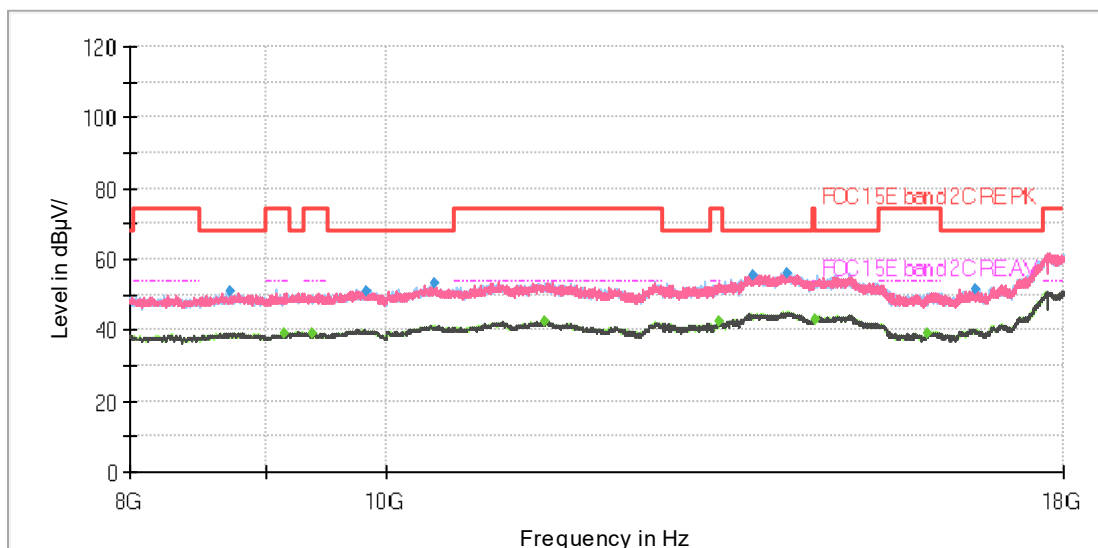
802.11a CH140



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

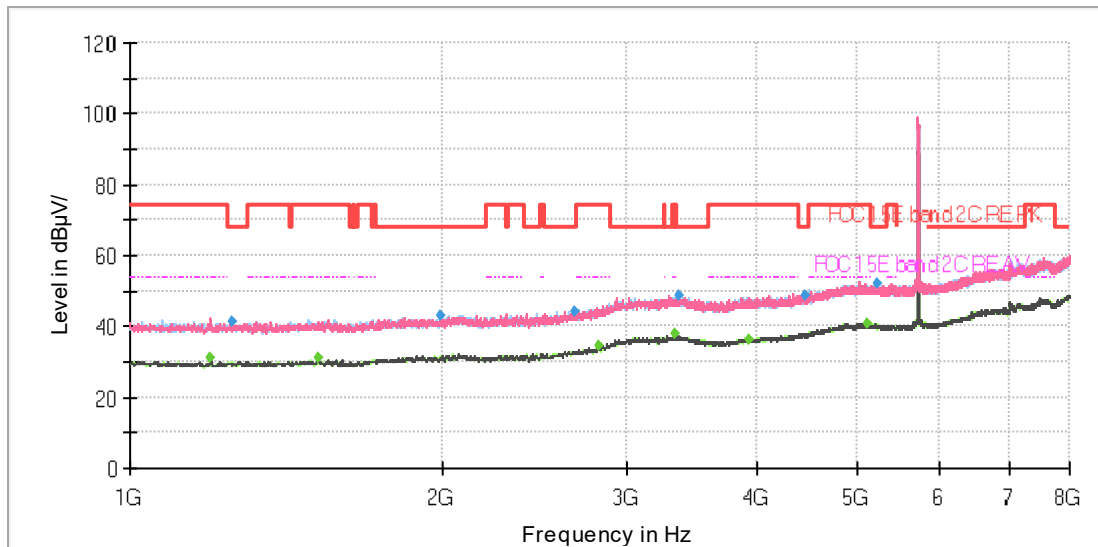
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1196.00	---	31.89	54.00	22.11	500.00	100.0	V	136.00
1246.75	40.96	---	68.20	27.24	500.00	200.0	V	17.00
1494.38	---	30.82	54.00	23.18	500.00	100.0	V	270.00
1889.00	42.91	---	68.20	25.29	500.00	100.0	H	75.00
2631.88	44.50	---	68.20	23.70	500.00	100.0	V	148.00
2812.13	---	34.14	54.00	19.86	500.00	200.0	H	76.00
3338.00	---	37.19	54.00	16.81	500.00	200.0	H	188.00
3368.63	49.25	---	68.20	18.95	500.00	100.0	V	334.00
4069.50	---	36.58	54.00	17.42	500.00	200.0	H	0.00
4486.88	49.31	---	68.20	18.89	500.00	200.0	V	152.00
5055.63	---	40.70	54.00	13.30	500.00	100.0	V	245.00
5256.00	51.59	---	68.20	16.61	500.00	100.0	H	272.00



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)
8722.50	50.98	---	68.20	17.22	500.00	100.0	V	241.00
9151.25	---	39.23	54.00	14.77	500.00	200.0	H	224.00
9376.25	---	39.20	54.00	14.80	500.00	200.0	H	349.00
9826.25	51.01	---	68.20	17.19	500.00	100.0	H	4.00
10421.25	53.19	---	68.20	15.01	500.00	100.0	H	106.00
11462.50	---	42.44	54.00	11.56	500.00	200.0	V	0.00
13345.00	---	42.24	54.00	11.76	500.00	200.0	V	124.00
13733.75	55.58	---	68.20	12.62	500.00	200.0	V	108.00
14158.75	56.11	---	68.20	12.09	500.00	100.0	H	43.00
14500.00	---	42.92	54.00	11.08	500.00	200.0	V	281.00
16005.00	---	38.98	54.00	15.02	500.00	100.0	V	65.00
16687.50	51.28	---	68.20	16.92	500.00	200.0	H	239.00

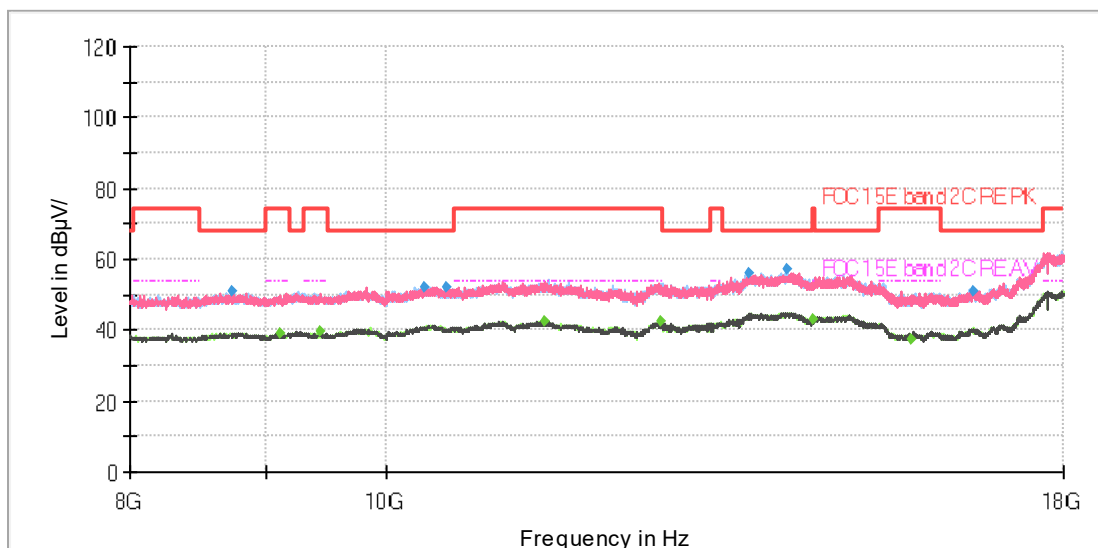
802.11a CH144



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

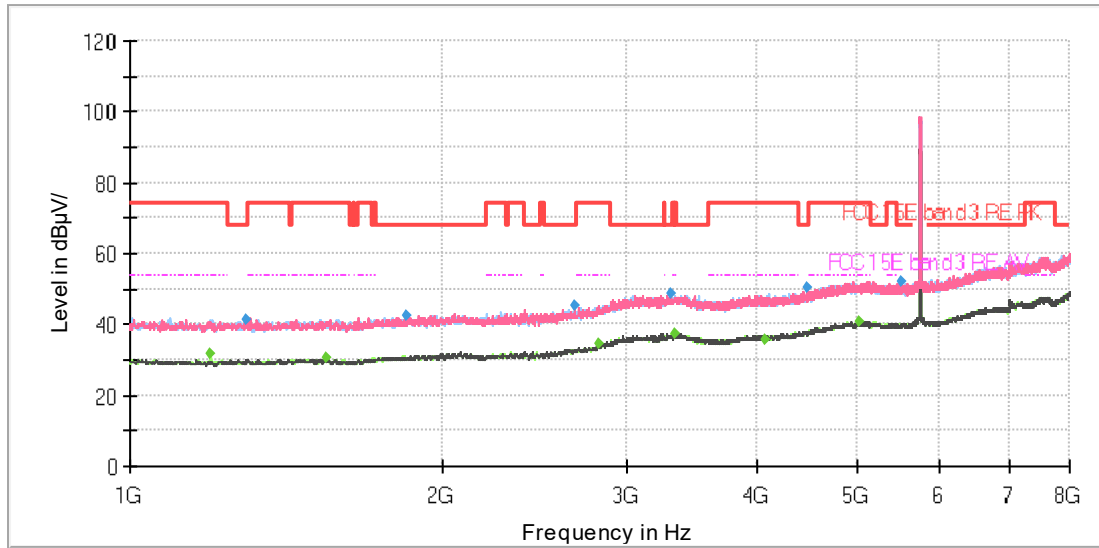
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1196.00	---	31.37	54.00	22.63	500.00	200.0	V	152.00
1252.88	41.21	---	68.20	26.99	500.00	200.0	H	0.00
1514.50	---	30.86	54.00	23.14	500.00	200.0	V	4.00
1986.13	42.77	---	68.20	25.43	500.00	200.0	V	237.00
2673.00	44.21	---	68.20	23.99	500.00	200.0	V	176.00
2821.75	---	34.38	54.00	19.62	500.00	200.0	H	291.00
3338.00	---	37.69	54.00	16.31	500.00	200.0	H	359.00
3362.50	48.96	---	68.20	19.24	500.00	100.0	V	306.00
3932.13	---	36.11	54.00	17.89	500.00	100.0	H	237.00
4447.50	48.57	---	68.20	19.63	500.00	100.0	V	10.00
5102.00	---	40.77	54.00	13.23	500.00	100.0	H	102.00
5235.88	51.80	---	68.20	16.40	500.00	200.0	H	359.00



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)
8750.00	50.67	---	68.20	17.53	500.00	200.0	V	184.00
9108.75	---	39.01	54.00	14.99	500.00	100.0	H	3.00
9442.50	---	39.38	54.00	14.62	500.00	200.0	V	10.00
10325.00	52.26	---	68.20	15.94	500.00	100.0	H	58.00
10538.75	52.05	---	68.20	16.15	500.00	100.0	V	303.00
11470.00	---	42.73	54.00	11.27	500.00	100.0	H	73.00
12676.25	---	42.27	54.00	11.73	500.00	100.0	H	230.00
13701.25	56.29	---	68.20	11.91	500.00	100.0	V	208.00
14161.25	56.91	---	68.20	11.29	500.00	100.0	H	0.00
14491.25	---	43.08	54.00	10.92	500.00	200.0	V	119.00
15781.25	---	37.44	54.00	16.56	500.00	200.0	H	94.00
16635.00	50.70	---	68.20	17.50	500.00	200.0	H	347.00

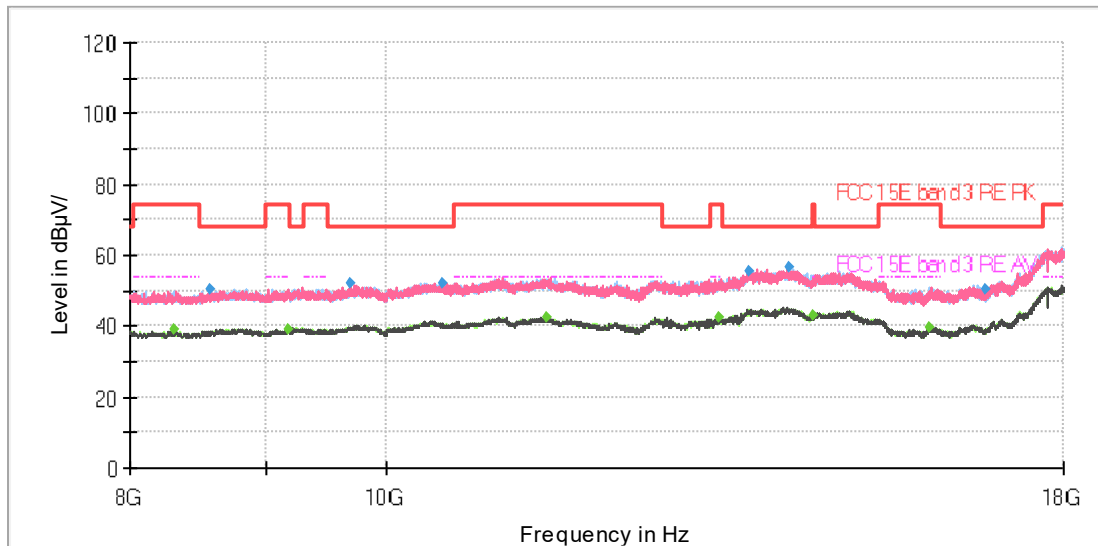
802.11a CH149



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

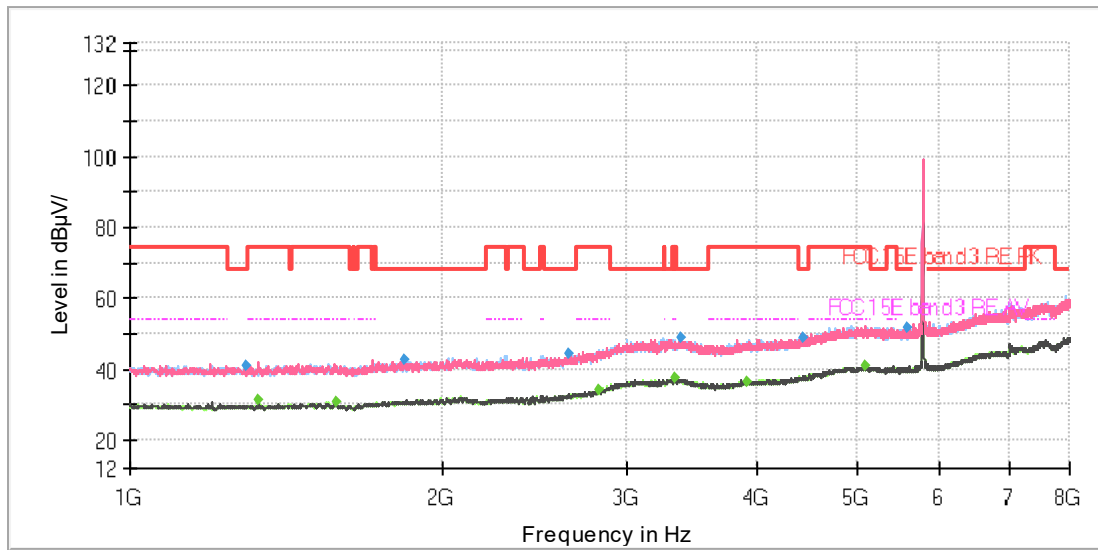
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1196.00	---	31.83	54.00	22.17	500.00	100.0	H	146.00
1291.38	41.44	---	68.20	26.76	500.00	100.0	H	334.00
1542.50	---	30.74	54.00	23.26	500.00	100.0	H	196.00
1842.63	42.69	---	68.20	25.51	500.00	200.0	H	342.00
2680.00	45.45	---	68.20	22.75	500.00	100.0	V	216.00
2820.00	---	34.32	54.00	19.68	500.00	100.0	H	358.00
3310.00	48.75	---	68.20	19.45	500.00	100.0	V	0.00
3338.00	---	37.35	54.00	16.65	500.00	100.0	H	162.00
4076.50	---	35.93	54.00	18.07	500.00	200.0	H	97.00
4472.00	50.17	---	68.20	18.03	500.00	200.0	V	73.00
5013.63	---	40.61	54.00	13.39	500.00	100.0	H	281.00
5505.38	52.07	---	68.20	16.13	500.00	100.0	V	233.00



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)
8317.50	---	38.81	54.00	15.19	500.00	200.0	V	186.00
8582.50	50.53	---	68.20	17.67	500.00	200.0	V	277.00
9171.25	---	39.22	54.00	14.78	500.00	100.0	H	166.00
9692.50	52.31	---	68.20	15.89	500.00	200.0	V	14.00
10492.50	52.24	---	68.20	15.96	500.00	200.0	H	313.00
11497.50	---	42.69	54.00	11.31	500.00	200.0	V	208.00
13342.50	---	42.62	54.00	11.38	500.00	100.0	H	1.00
13701.25	55.35	---	68.20	12.85	500.00	200.0	V	0.00
14173.75	56.81	---	68.20	11.39	500.00	100.0	H	143.00
14471.25	---	42.99	54.00	11.01	500.00	200.0	H	200.00
16018.75	---	39.37	54.00	14.63	500.00	100.0	H	97.00
16828.75	50.22	---	68.20	17.98	500.00	200.0	V	142.00

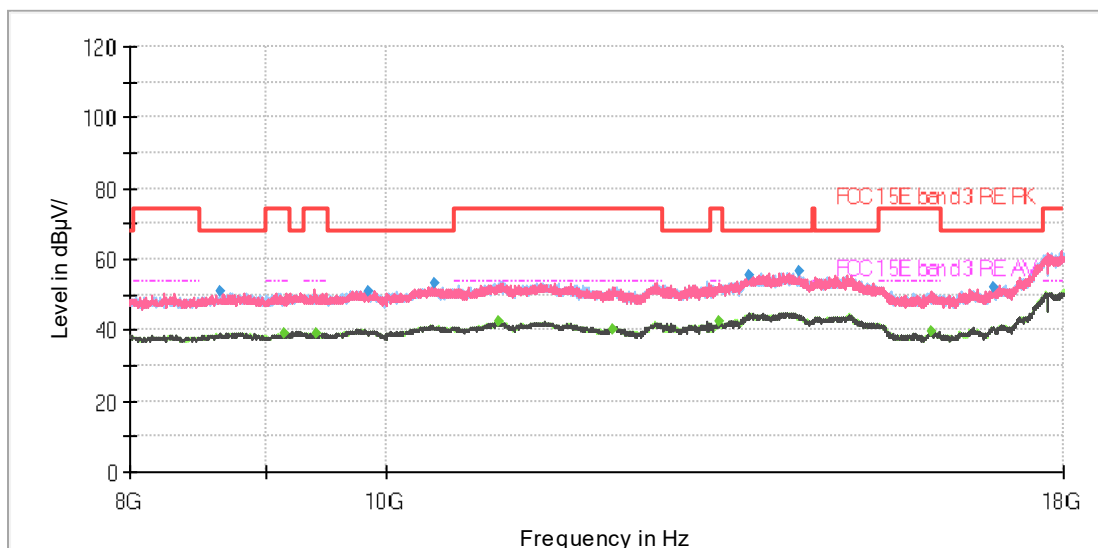
802.11a CH157



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

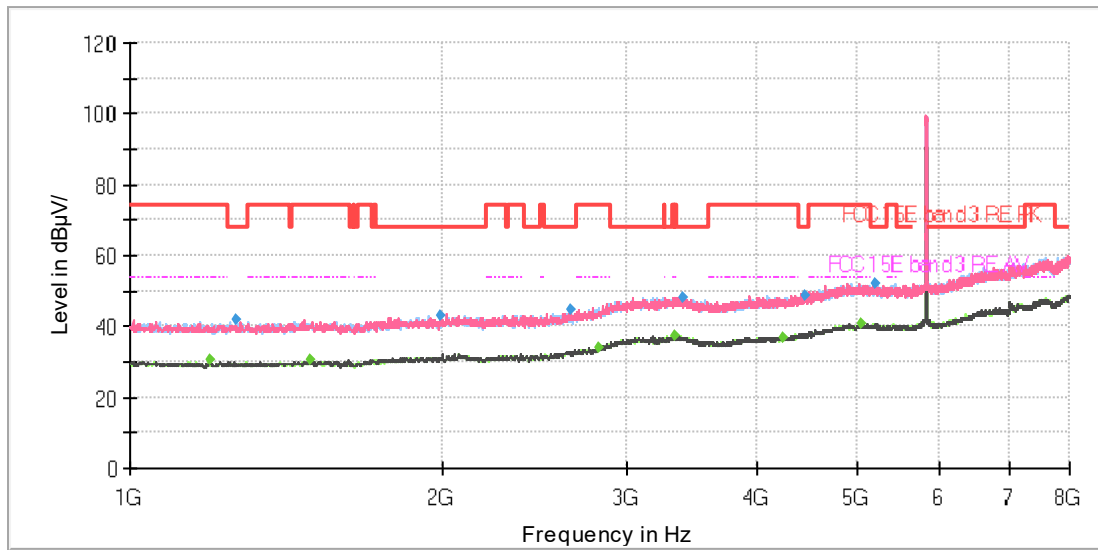
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1292.25	40.61	---	68.20	27.59	500.00	200.0	V	164.00
1329.00	---	31.32	54.00	22.68	500.00	200.0	V	182.00
1579.25	---	30.58	54.00	23.42	500.00	200.0	V	97.00
1836.50	42.38	---	68.20	25.82	500.00	100.0	H	17.00
2641.50	44.17	---	68.20	24.03	500.00	200.0	V	46.00
2820.88	---	34.18	54.00	19.82	500.00	100.0	H	29.00
3336.25	---	37.25	54.00	16.75	500.00	100.0	H	1.00
3385.25	49.04	---	68.20	19.16	500.00	200.0	H	0.00
3919.00	---	36.23	54.00	17.77	500.00	200.0	H	227.00
4433.50	48.63	---	68.20	19.57	500.00	200.0	H	0.00
5081.00	---	40.92	54.00	13.08	500.00	100.0	H	97.00
5585.00	51.77	---	68.20	16.43	500.00	100.0	H	280.00



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)
8652.50	50.73	---	68.20	17.47	500.00	200.0	H	204.00
9150.00	---	38.89	54.00	15.11	500.00	100.0	V	357.00
9411.25	---	39.06	54.00	14.94	500.00	200.0	H	357.00
9833.75	50.80	---	68.20	17.40	500.00	200.0	V	2.00
10426.25	53.12	---	68.20	15.08	500.00	100.0	V	0.00
11022.50	---	42.43	54.00	11.57	500.00	100.0	V	194.00
12176.25	---	40.26	54.00	13.74	500.00	100.0	H	5.00
13346.25	---	42.69	54.00	11.31	500.00	200.0	H	124.00
13705.00	55.60	---	68.20	12.60	500.00	200.0	V	278.00
14293.75	56.43	---	68.20	11.77	500.00	100.0	H	76.00
16057.50	---	39.35	54.00	14.65	500.00	200.0	H	271.00
16946.25	52.14	---	68.20	16.06	500.00	200.0	H	102.00

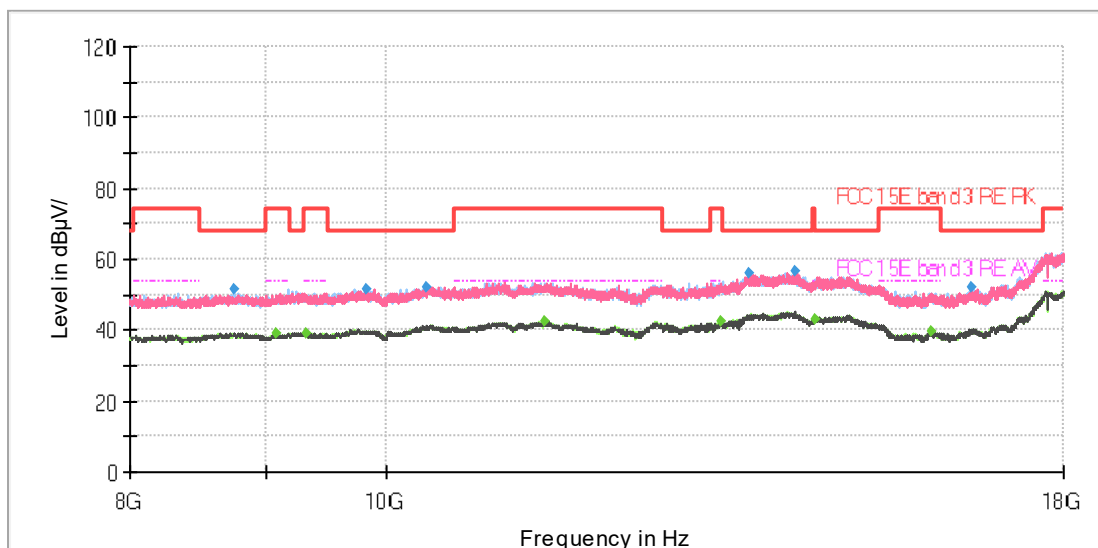
802.11a CH165



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

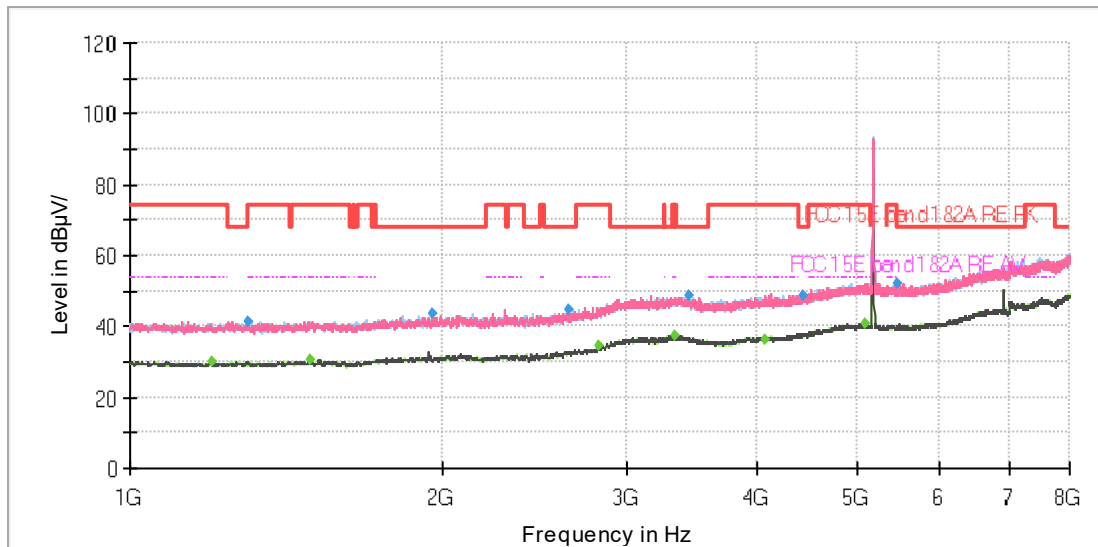
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1195.13	---	30.36	54.00	23.64	500.00	200.0	V	126.00
1266.00	41.66	---	68.20	26.54	500.00	100.0	H	54.00
1491.75	---	30.34	54.00	23.66	500.00	200.0	V	159.00
1986.13	43.00	---	68.20	25.20	500.00	200.0	V	2.00
2654.63	44.88	---	68.20	23.32	500.00	100.0	H	0.00
2820.00	---	34.19	54.00	19.81	500.00	100.0	V	146.00
3336.25	---	37.33	54.00	16.67	500.00	200.0	H	0.00
3397.50	48.39	---	68.20	19.81	500.00	200.0	H	346.00
4251.50	---	36.73	54.00	17.27	500.00	100.0	H	71.00
4458.00	48.60	---	68.20	19.60	500.00	200.0	H	0.00
5046.88	---	40.86	54.00	13.14	500.00	200.0	V	72.00
5208.75	52.23	---	68.20	15.97	500.00	200.0	H	182.00



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)
8760.00	51.57	---	68.20	16.63	500.00	100.0	H	29.00
9087.50	---	38.78	54.00	15.22	500.00	200.0	V	3.00
9318.75	---	39.11	54.00	14.89	500.00	100.0	H	51.00
9816.25	51.54	---	68.20	16.66	500.00	200.0	V	92.00
10351.25	52.07	---	68.20	16.13	500.00	200.0	V	229.00
11475.00	---	42.41	54.00	11.59	500.00	200.0	V	11.00
13362.50	---	42.50	54.00	11.50	500.00	200.0	V	48.00
13698.75	56.02	---	68.20	12.18	500.00	100.0	V	220.00
14243.75	56.49	---	68.20	11.71	500.00	100.0	V	0.00
14495.00	---	43.05	54.00	10.95	500.00	200.0	H	355.00
16046.25	---	39.45	54.00	14.55	500.00	200.0	V	48.00
16626.25	52.06	---	68.20	16.14	500.00	100.0	V	293.00

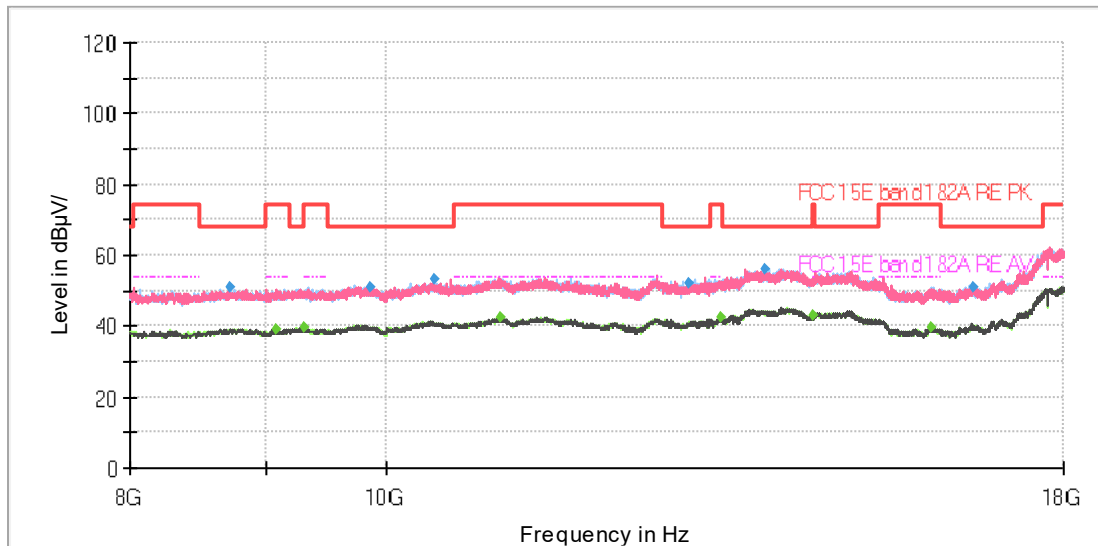
802.11n (HT20) CH36



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

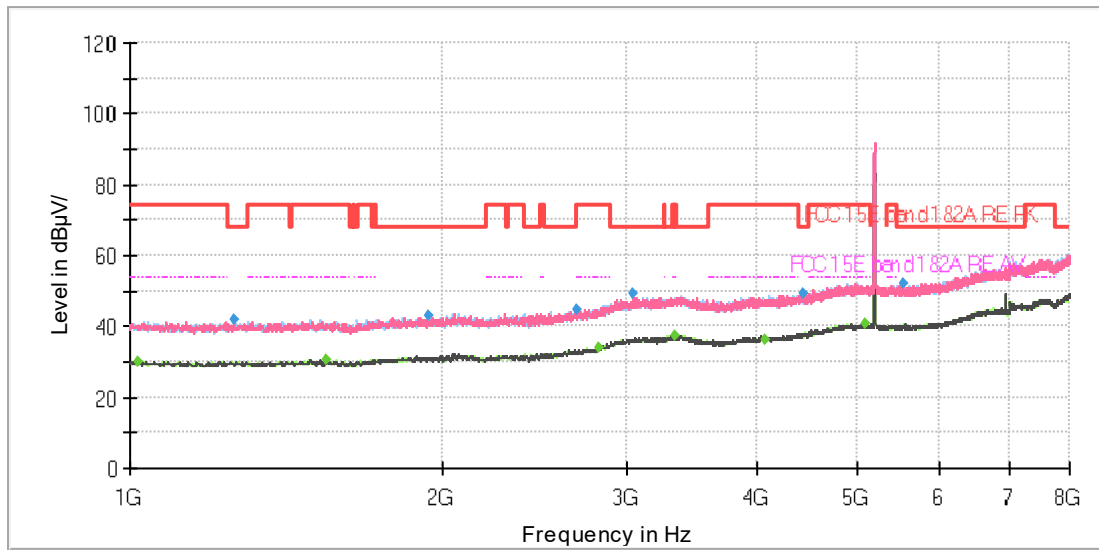
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1199.50	---	30.27	54.00	23.73	500.00	200.0	H	172.00
1298.38	41.52	---	68.20	26.68	500.00	100.0	V	0.00
1492.63	---	30.44	54.00	23.56	500.00	200.0	V	359.00
1955.50	43.85	---	68.20	24.35	500.00	100.0	H	137.00
2637.13	44.55	---	68.20	23.65	500.00	200.0	V	0.00
2817.38	---	34.28	54.00	19.72	500.00	200.0	V	296.00
3335.38	---	37.26	54.00	16.74	500.00	200.0	V	224.00
3442.13	48.61	---	68.20	19.59	500.00	100.0	H	270.00
4068.63	---	35.98	54.00	18.02	500.00	200.0	H	1.00
4445.75	48.77	---	68.20	19.43	500.00	200.0	H	18.00
5097.63	---	40.76	54.00	13.24	500.00	100.0	V	162.00
5470.38	51.91	---	68.20	16.29	500.00	100.0	V	336.00



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)
8722.50	51.21	---	68.20	16.99	500.00	100.0	H	50.00
9080.00	---	39.09	54.00	14.91	500.00	100.0	V	47.00
9312.50	---	39.49	54.00	14.51	500.00	200.0	V	232.00
9855.00	50.82	---	68.20	17.38	500.00	100.0	V	342.00
10421.25	52.95	---	68.20	15.25	500.00	200.0	H	208.00
11032.50	---	42.53	54.00	11.47	500.00	100.0	V	0.00
13005.00	51.85	---	68.20	16.35	500.00	200.0	H	240.00
13368.75	---	42.24	54.00	11.76	500.00	200.0	V	0.00
13900.00	55.99	---	68.20	12.21	500.00	200.0	H	271.00
14477.50	---	43.15	54.00	10.85	500.00	200.0	H	0.00
16060.00	---	39.42	54.00	14.58	500.00	200.0	H	349.00
16648.75	50.88	---	68.20	17.32	500.00	100.0	H	0.00

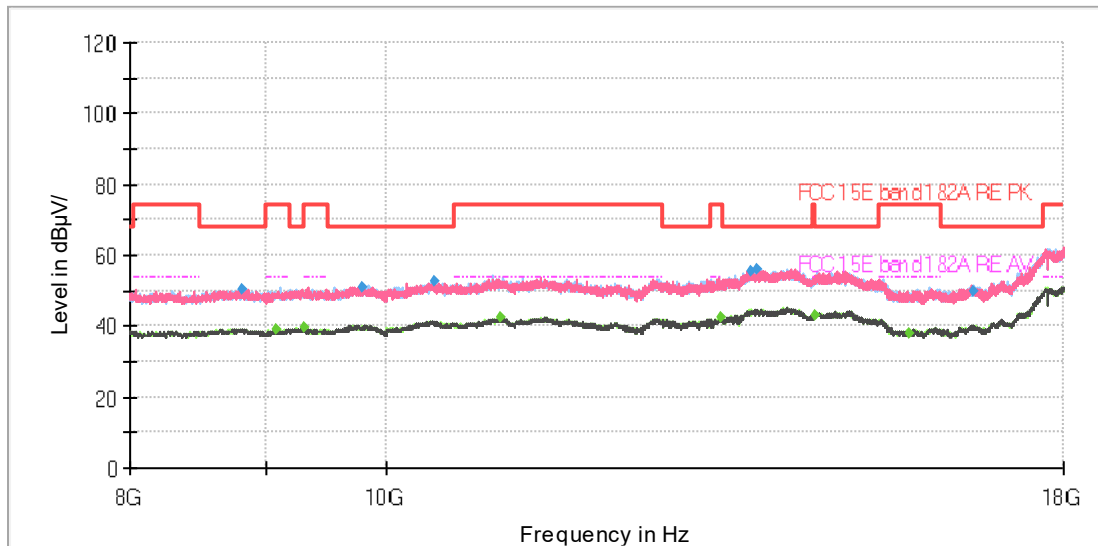
802.11n (HT20) CH40



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

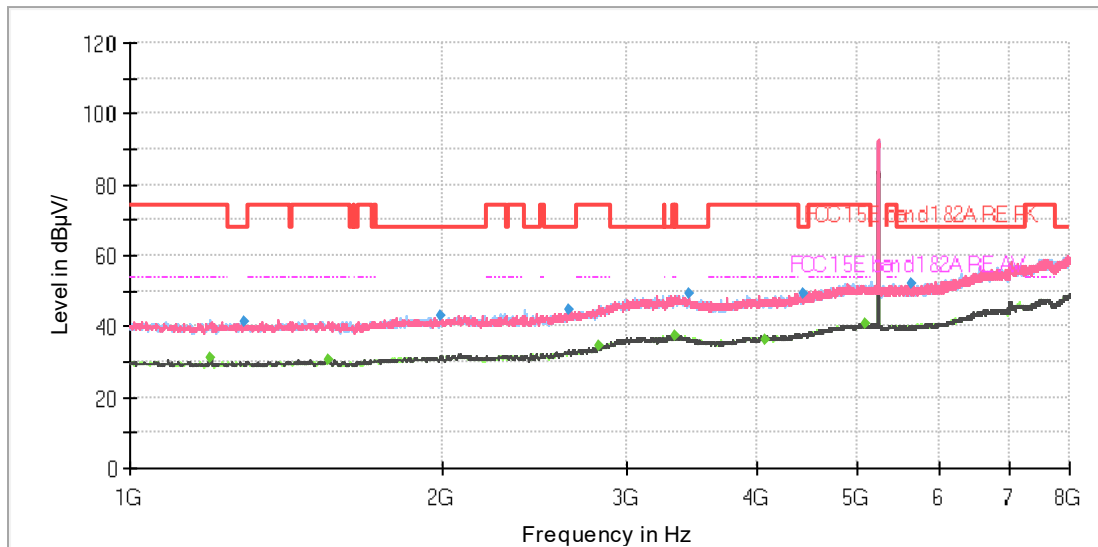
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1019.25	---	30.16	54.00	23.84	500.00	200.0	H	273.00
1259.00	41.91	---	68.20	26.29	500.00	100.0	V	0.00
1546.88	---	30.51	54.00	23.49	500.00	200.0	V	347.00
1938.88	43.05	---	68.20	25.15	500.00	200.0	H	32.00
2687.88	44.94	---	68.20	23.26	500.00	200.0	H	127.00
2820.00	---	34.22	54.00	19.78	500.00	100.0	V	75.00
3038.75	49.05	---	68.20	19.15	500.00	200.0	V	24.00
3334.50	---	37.35	54.00	16.65	500.00	100.0	V	100.00
4074.75	---	36.27	54.00	17.73	500.00	200.0	H	162.00
4430.88	49.27	---	68.20	18.93	500.00	100.0	V	149.00
5096.75	---	40.75	54.00	13.25	500.00	200.0	V	354.00
5532.50	51.90	---	68.20	16.30	500.00	200.0	H	79.00



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)
8817.50	50.43	---	68.20	17.77	500.00	200.0	H	214.00
9086.25	---	38.98	54.00	15.02	500.00	100.0	V	222.00
9308.75	---	39.37	54.00	14.63	500.00	100.0	V	111.00
9790.00	50.79	---	68.20	17.41	500.00	100.0	H	296.00
10418.75	52.70	---	68.20	15.50	500.00	100.0	V	111.00
11033.75	---	42.51	54.00	11.49	500.00	100.0	V	190.00
13371.25	---	42.34	54.00	11.66	500.00	200.0	V	57.00
13727.50	55.54	---	68.20	12.66	500.00	100.0	V	205.00
13802.50	56.31	---	68.20	11.89	500.00	200.0	H	0.00
14497.50	---	43.24	54.00	10.76	500.00	100.0	H	4.00
15737.50	---	37.77	54.00	16.23	500.00	200.0	H	127.00
16648.75	49.87	---	68.20	18.33	500.00	200.0	H	79.00

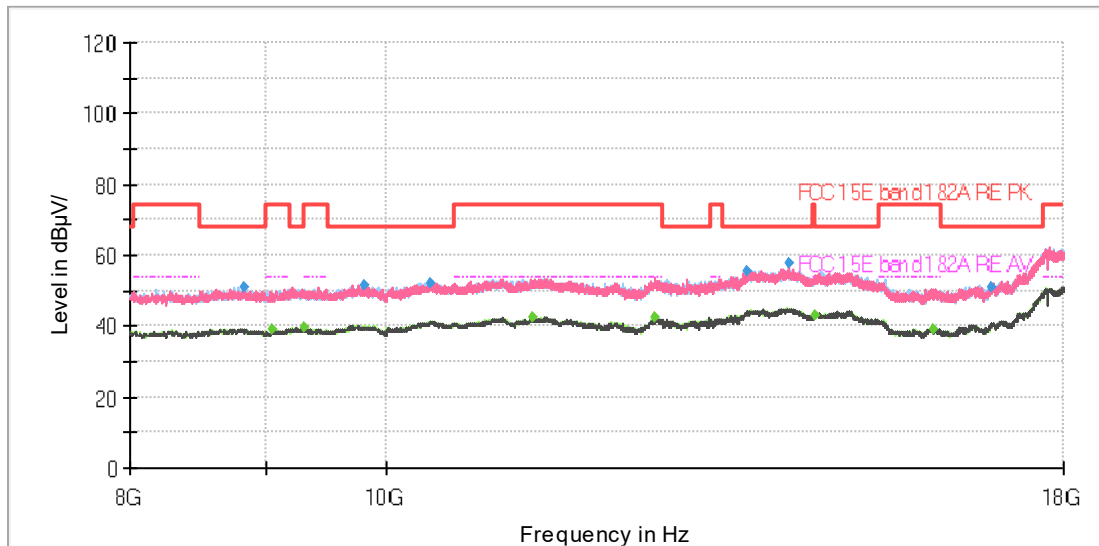
802.11n (HT20) CH48



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

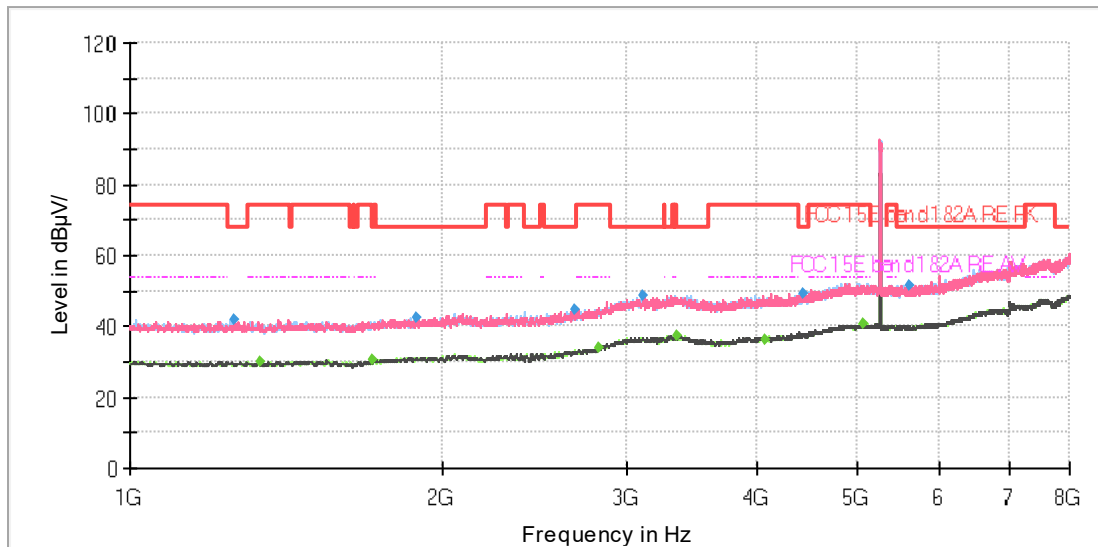
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1194.25	---	31.39	54.00	22.61	500.00	100.0	V	163.00
1286.13	41.26	---	68.20	26.94	500.00	100.0	V	4.00
1549.50	---	30.46	54.00	23.54	500.00	200.0	H	3.00
1990.50	42.81	---	68.20	25.39	500.00	200.0	H	16.00
2639.75	44.60	---	68.20	23.60	500.00	100.0	H	0.00
2816.50	---	34.49	54.00	19.51	500.00	100.0	H	276.00
3332.75	---	37.23	54.00	16.77	500.00	100.0	H	167.00
3443.00	49.01	---	68.20	19.19	500.00	100.0	H	218.00
4081.75	---	36.51	54.00	17.49	500.00	100.0	H	0.00
4433.50	49.05	---	68.20	19.15	500.00	100.0	V	32.00
5094.13	---	40.72	54.00	13.28	500.00	200.0	H	247.00
5634.88	51.80	---	68.20	16.40	500.00	100.0	V	10.00



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)
8827.50	50.68	---	68.20	17.52	500.00	200.0	V	10.00
9056.25	---	38.93	54.00	15.07	500.00	200.0	V	217.00
9311.25	---	39.36	54.00	14.64	500.00	100.0	H	111.00
9801.25	51.29	---	68.20	16.91	500.00	100.0	V	349.00
10390.00	52.13	---	68.20	16.07	500.00	100.0	H	223.00
11358.75	---	42.50	54.00	11.50	500.00	100.0	H	80.00
12626.25	---	42.25	54.00	11.75	500.00	100.0	H	191.00
13663.75	55.57	---	68.20	12.63	500.00	200.0	H	175.00
14170.00	57.99	---	68.20	10.21	500.00	100.0	V	144.00
14497.50	---	42.82	54.00	11.18	500.00	100.0	V	287.00
16073.75	---	38.99	54.00	15.01	500.00	200.0	H	263.00
16915.00	50.91	---	68.20	17.29	500.00	100.0	H	223.00

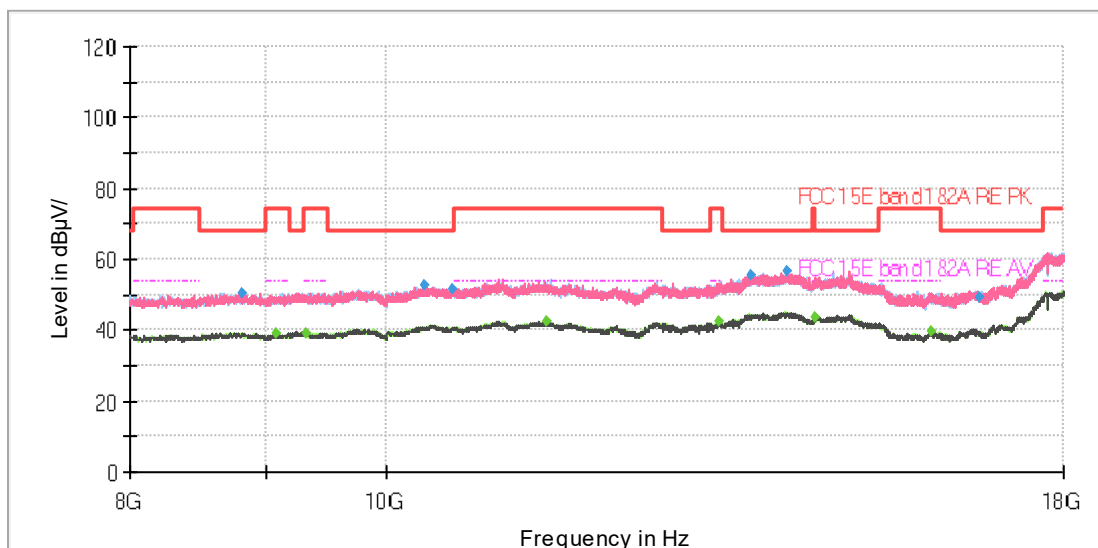
802.11n (HT20) CH52



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

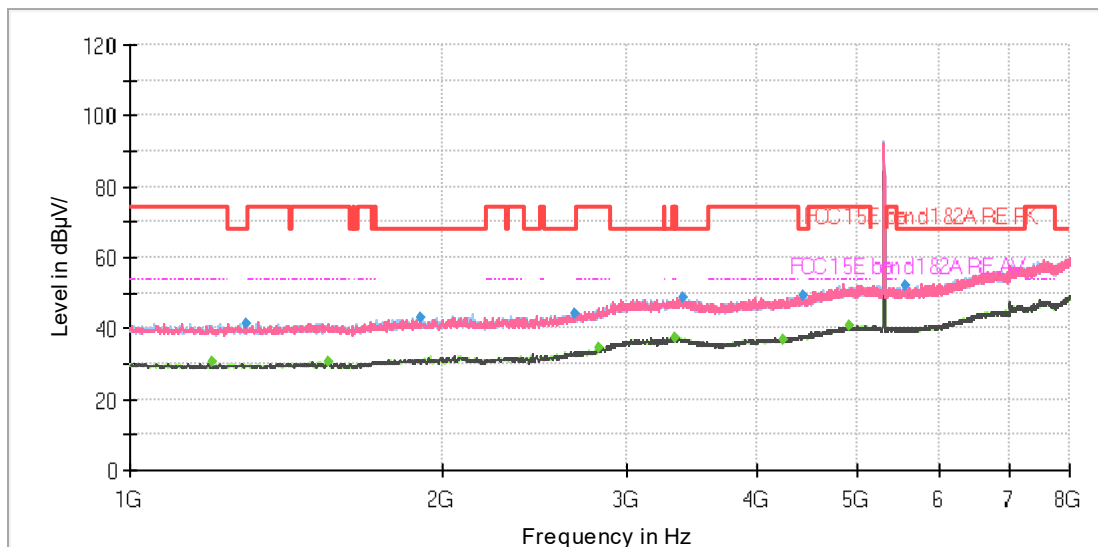
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1261.63	41.99	---	68.20	26.21	500.00	100.0	V	150.00
1331.63	---	30.27	54.00	23.73	500.00	200.0	V	182.00
1709.63	---	30.47	54.00	23.53	500.00	100.0	H	0.00
1882.00	42.54	---	68.20	25.66	500.00	100.0	V	29.00
2679.13	44.73	---	68.20	23.47	500.00	200.0	V	110.00
2818.25	---	34.12	54.00	19.88	500.00	200.0	H	22.00
3111.38	48.90	---	68.20	19.30	500.00	100.0	V	188.00
3357.25	---	37.17	54.00	16.83	500.00	100.0	H	235.00
4081.75	---	36.27	54.00	17.73	500.00	200.0	H	5.00
4437.88	49.16	---	68.20	19.04	500.00	200.0	V	356.00
5057.38	---	40.88	54.00	13.12	500.00	200.0	V	350.00
5613.88	51.72	---	68.20	16.48	500.00	100.0	V	226.00



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)
8816.25	50.56	---	68.20	17.64	500.00	200.0	H	48.00
9088.75	---	38.88	54.00	15.12	500.00	100.0	V	14.00
9321.25	---	39.19	54.00	14.81	500.00	200.0	H	356.00
10330.00	52.66	---	68.20	15.54	500.00	200.0	V	2.00
10590.00	51.61	---	68.20	16.59	500.00	200.0	H	255.00
11493.75	---	42.48	54.00	11.52	500.00	200.0	V	8.00
13346.25	---	42.48	54.00	11.52	500.00	100.0	V	0.00
13730.00	55.60	---	68.20	12.60	500.00	100.0	H	0.00
14167.50	56.59	---	68.20	11.61	500.00	200.0	V	146.00
14497.50	---	43.33	54.00	10.67	500.00	200.0	H	302.00
16038.75	---	39.35	54.00	14.65	500.00	200.0	V	2.00
16730.00	49.40	---	68.20	18.80	500.00	100.0	H	137.00

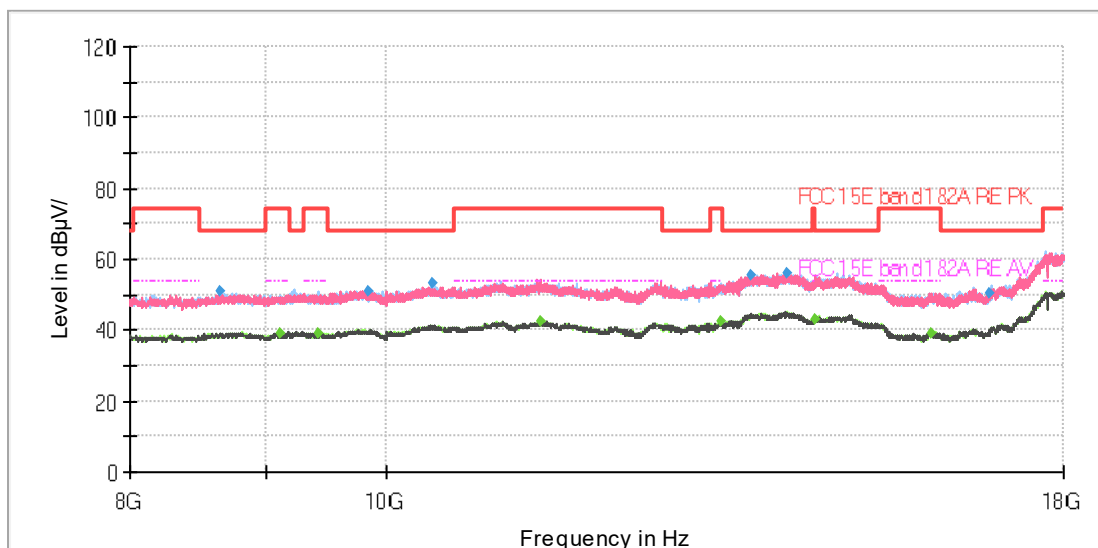
802.11n (HT20) CH60



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

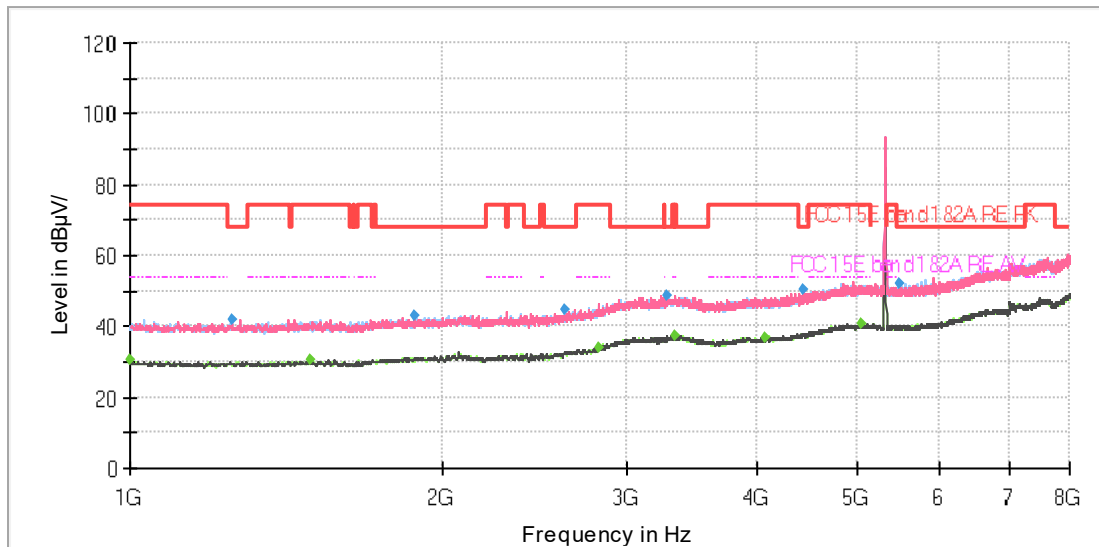
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1196.88	---	30.41	54.00	23.59	500.00	200.0	H	114.00
1292.25	41.28	---	68.20	26.92	500.00	100.0	H	214.00
1550.38	---	30.64	54.00	23.36	500.00	200.0	H	269.00
1898.63	43.15	---	68.20	25.05	500.00	100.0	V	206.00
2681.75	44.29	---	68.20	23.91	500.00	200.0	V	341.00
2817.38	---	34.43	54.00	19.57	500.00	100.0	V	158.00
3334.50	---	37.26	54.00	16.74	500.00	200.0	V	74.00
3394.00	48.87	---	68.20	19.33	500.00	100.0	V	243.00
4237.50	---	36.81	54.00	17.19	500.00	100.0	H	190.00
4435.25	49.40	---	68.20	18.80	500.00	100.0	H	346.00
4904.25	---	40.72	54.00	13.28	500.00	200.0	H	125.00
5571.00	51.88	---	68.20	16.32	500.00	100.0	H	323.00



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)
8645.00	51.10	---	68.20	17.10	500.00	100.0	H	330.00
9116.25	---	39.00	54.00	15.00	500.00	100.0	H	187.00
9421.25	---	39.10	54.00	14.90	500.00	200.0	V	6.00
9833.75	50.89	---	68.20	17.31	500.00	200.0	H	269.00
10408.75	52.94	---	68.20	15.26	500.00	100.0	H	44.00
11430.00	---	42.52	54.00	11.48	500.00	200.0	V	134.00
13371.25	---	42.36	54.00	11.64	500.00	200.0	H	359.00
13725.00	55.38	---	68.20	12.82	500.00	200.0	V	16.00
14158.75	56.12	---	68.20	12.08	500.00	200.0	H	347.00
14495.00	---	43.18	54.00	10.82	500.00	200.0	V	16.00
16058.75	---	39.33	54.00	14.67	500.00	200.0	H	347.00
16865.00	50.28	---	68.20	17.92	500.00	100.0	V	322.00

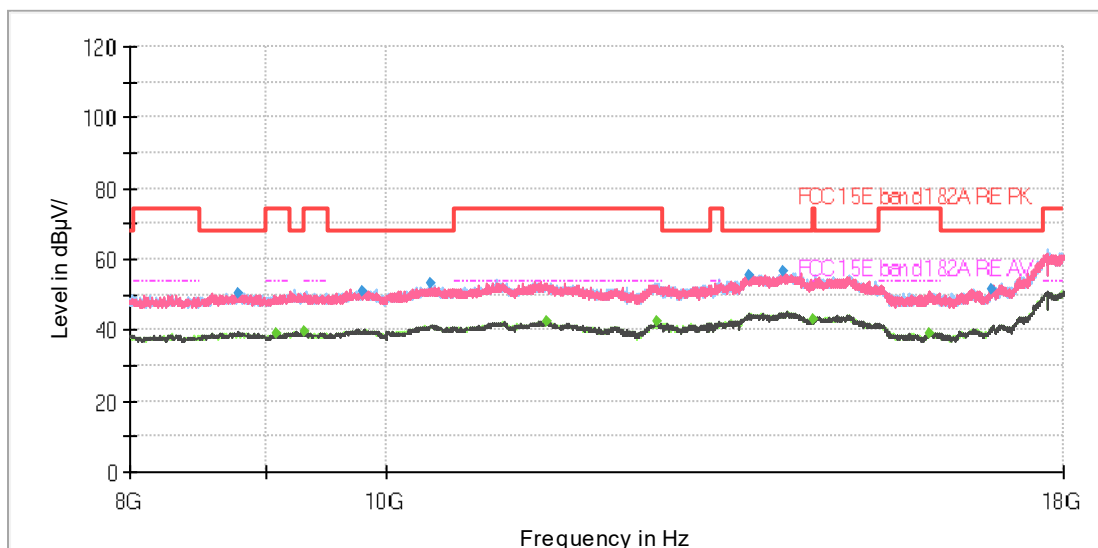
802.11n (HT20) CH64



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

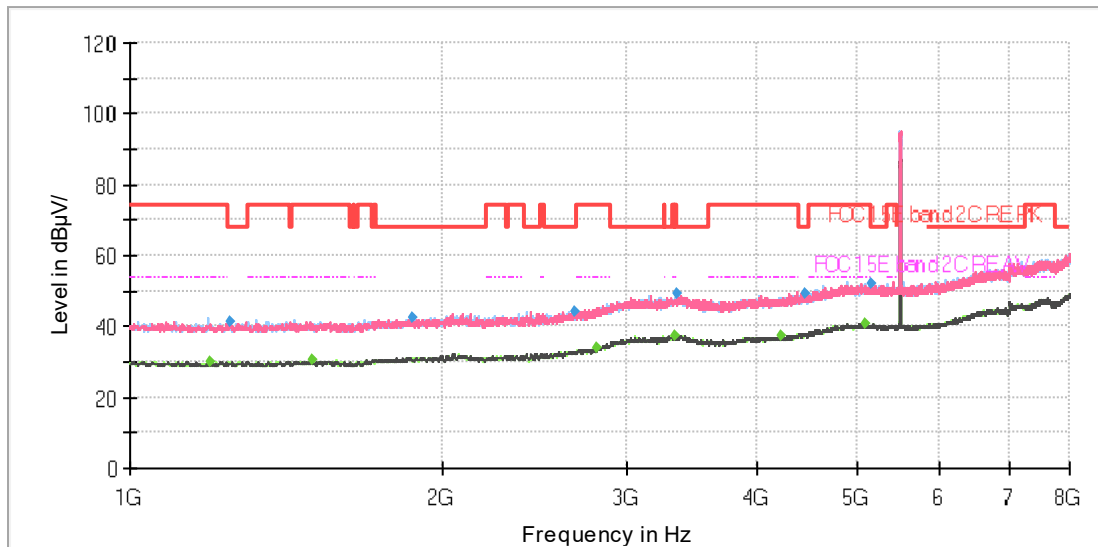
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1000.00	---	30.62	54.00	23.38	500.00	200.0	V	175.00
1252.88	42.11	---	68.20	26.09	500.00	100.0	H	87.00
1489.13	---	30.73	54.00	23.27	500.00	100.0	H	296.00
1874.13	43.02	---	68.20	25.18	500.00	100.0	V	209.00
2619.63	44.67	---	68.20	23.53	500.00	100.0	H	100.00
2817.38	---	34.16	54.00	19.84	500.00	200.0	H	248.00
3282.88	48.57	---	68.20	19.63	500.00	200.0	V	63.00
3337.13	---	37.36	54.00	16.64	500.00	200.0	V	261.00
4084.38	---	36.73	54.00	17.27	500.00	200.0	H	260.00
4438.75	50.35	---	68.20	17.85	500.00	200.0	V	346.00
5046.00	---	40.57	54.00	13.43	500.00	200.0	V	225.00
5483.50	52.25	---	68.20	15.95	500.00	200.0	H	116.00



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)
8788.75	50.64	---	68.20	17.56	500.00	200.0	H	155.00
9088.75	---	39.33	54.00	14.67	500.00	100.0	H	7.00
9312.50	---	39.35	54.00	14.65	500.00	100.0	H	265.00
9792.50	51.14	---	68.20	17.06	500.00	100.0	H	83.00
10393.75	52.93	---	68.20	15.27	500.00	200.0	V	40.00
11495.00	---	42.58	54.00	11.42	500.00	100.0	V	225.00
12653.75	---	42.34	54.00	11.66	500.00	200.0	V	24.00
13698.75	55.28	---	68.20	12.92	500.00	200.0	V	56.00
14118.75	56.37	---	68.20	11.83	500.00	100.0	H	131.00
14492.50	---	42.98	54.00	11.02	500.00	200.0	V	183.00
16010.00	---	39.10	54.00	14.90	500.00	200.0	H	354.00
16918.75	51.29	---	68.20	16.91	500.00	200.0	V	0.00

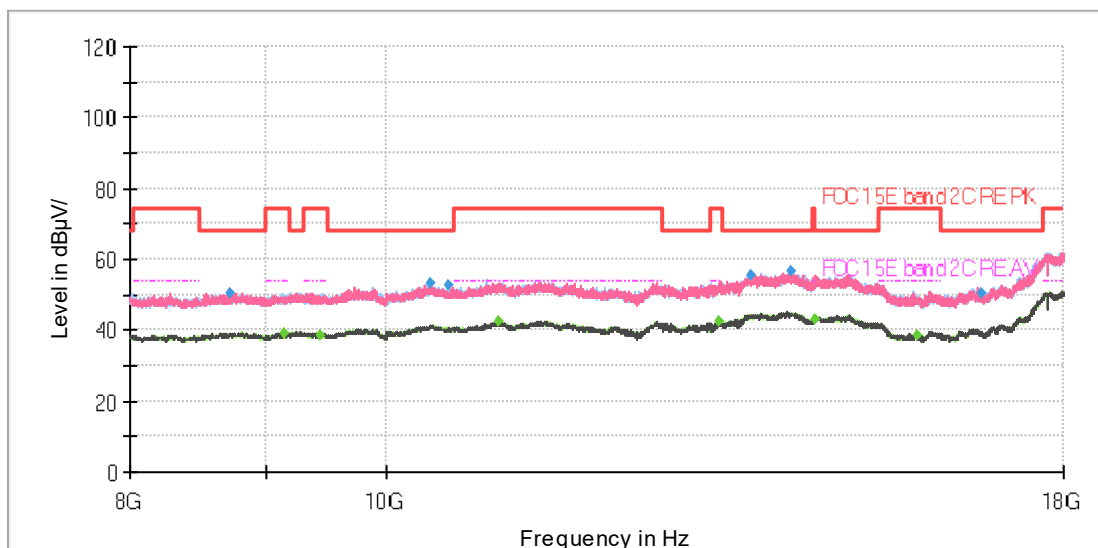
802.11n (HT20) CH100



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

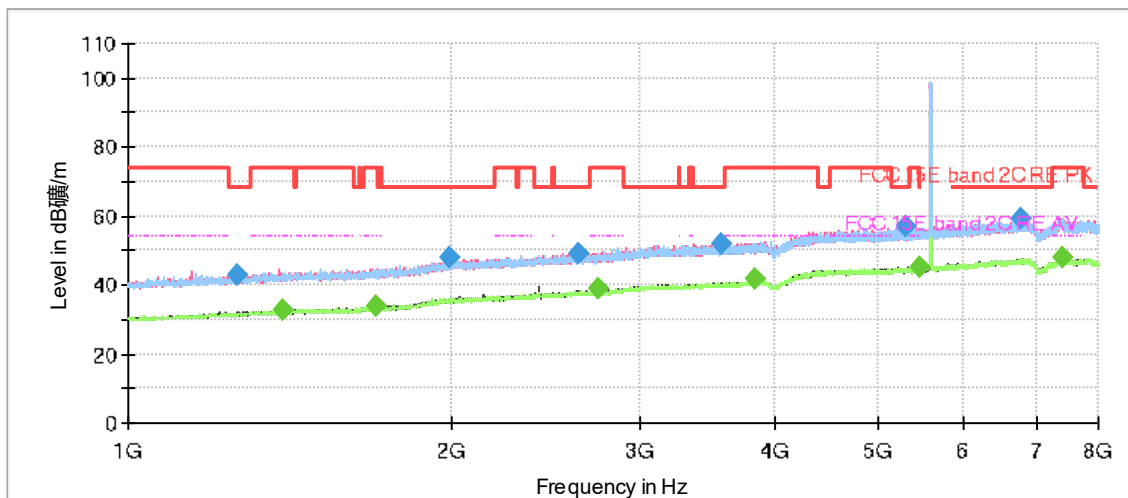
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1194.25	---	30.21	54.00	23.79	500.00	100.0	V	124.00
1246.75	41.29	---	68.20	26.91	500.00	200.0	V	218.00
1495.25	---	30.71	54.00	23.29	500.00	200.0	H	61.00
1871.50	42.33	---	68.20	25.87	500.00	200.0	H	0.00
2681.75	44.27	---	68.20	23.93	500.00	100.0	V	349.00
2813.88	---	34.21	54.00	19.79	500.00	200.0	V	117.00
3338.88	---	37.58	54.00	16.42	500.00	100.0	V	63.00
3361.63	48.99	---	68.20	19.21	500.00	100.0	V	285.00
4222.63	---	37.20	54.00	16.80	500.00	100.0	V	38.00
4455.38	49.47	---	68.20	18.73	500.00	100.0	H	195.00
5094.13	---	40.77	54.00	13.23	500.00	100.0	H	282.00
5151.00	52.11	---	68.20	16.09	500.00	100.0	V	74.00



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)
8723.75	50.29	---	68.20	17.91	500.00	200.0	V	248.00
9148.75	---	39.23	54.00	14.77	500.00	200.0	V	280.00
9443.75	---	38.56	54.00	15.44	500.00	100.0	H	136.00
10390.00	53.31	---	68.20	14.89	500.00	200.0	H	318.00
10555.00	52.54	---	68.20	15.66	500.00	200.0	H	356.00
11028.75	---	42.54	54.00	11.46	500.00	200.0	V	0.00
13343.75	---	42.47	54.00	11.53	500.00	100.0	H	105.00
13723.75	55.34	---	68.20	12.86	500.00	100.0	H	264.00
14200.00	56.41	---	68.20	11.79	500.00	100.0	H	57.00
14496.25	---	43.05	54.00	10.95	500.00	200.0	V	168.00
15848.75	---	38.49	54.00	15.51	500.00	200.0	H	256.00
16756.25	50.15	---	68.20	18.05	500.00	200.0	H	256.00

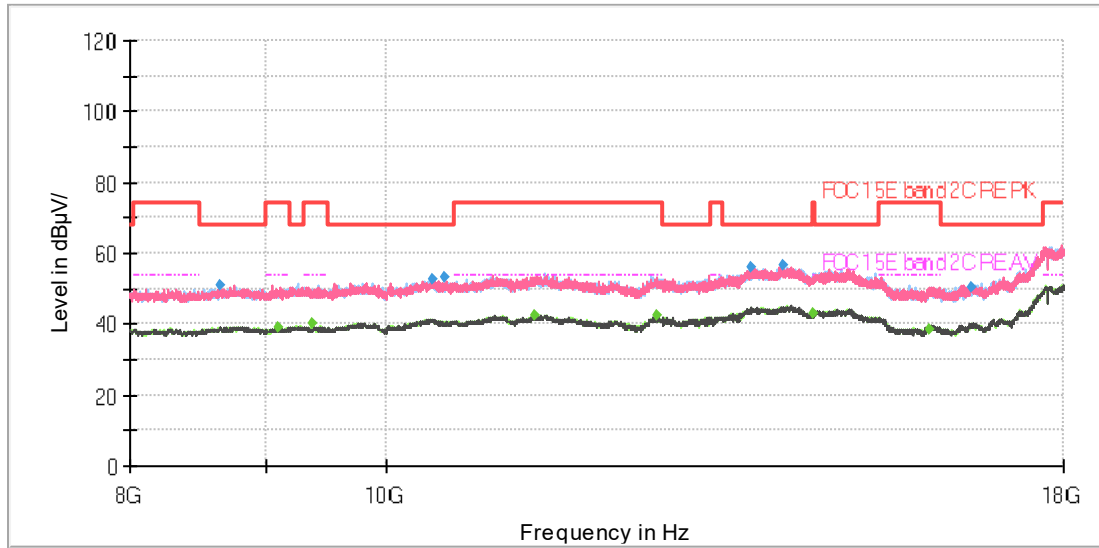
802.11n (HT20) CH116



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

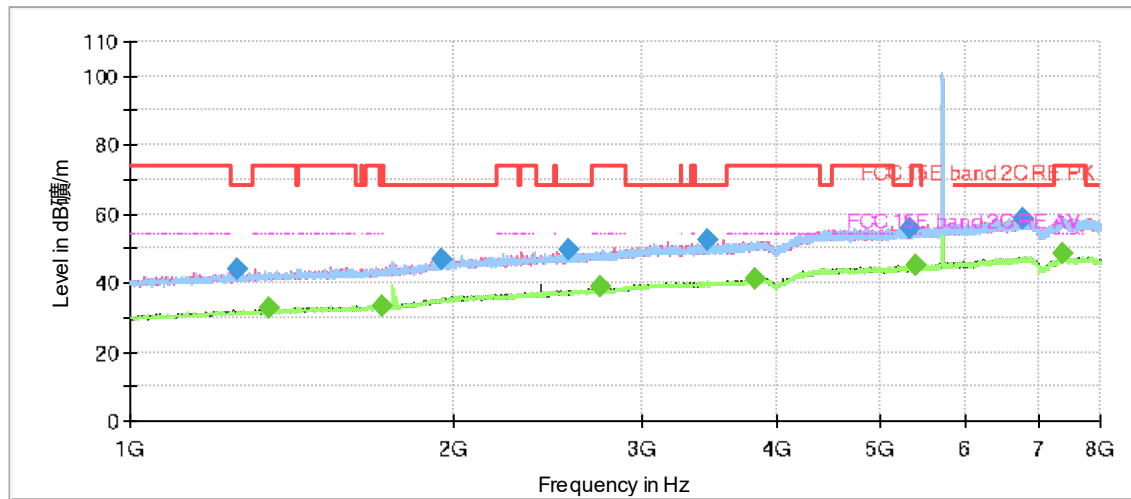
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1263.375000	42.71	---	68.20	25.49	500.0	100.0	H	72.0
1395.500000	---	32.57	54.00	21.43	500.0	200.0	V	150.0
1703.500000	---	33.66	54.00	20.34	500.0	200.0	H	1.0
1990.500000	47.73	---	68.20	20.47	500.0	200.0	H	45.0
2620.500000	49.31	---	68.20	18.89	500.0	100.0	H	121.0
2744.750000	---	38.88	54.00	15.12	500.0	100.0	V	74.0
3564.625000	52.03	---	68.20	16.17	500.0	200.0	V	0.0
3840.250000	---	41.55	54.00	12.45	500.0	200.0	V	130.0
5298.875000	57.18	---	68.20	11.02	500.0	100.0	H	111.0
5446.750000	---	45.21	54.00	8.79	500.0	200.0	V	111.0
6765.375000	59.16	---	68.20	9.04	500.0	100.0	V	16.0
7395.375000	---	48.16	54.00	5.84	500.0	200.0	V	111.0



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)
8652.50	50.96	---	68.20	17.24	500.00	100.0	H	96.00
9092.50	---	39.26	54.00	14.74	500.00	200.0	H	335.00
9378.75	---	40.18	54.00	13.82	500.00	100.0	H	329.00
10405.00	52.75	---	68.20	15.45	500.00	100.0	H	346.00
10522.50	52.98	---	68.20	15.22	500.00	200.0	H	357.00
11363.75	---	42.52	54.00	11.48	500.00	100.0	H	199.00
12633.75	---	42.17	54.00	11.83	500.00	100.0	H	50.00
13723.75	55.93	---	68.20	12.27	500.00	200.0	H	0.00
14108.75	56.35	---	68.20	11.85	500.00	200.0	H	288.00
14490.00	---	43.22	54.00	10.78	500.00	200.0	H	0.00
16018.75	---	38.71	54.00	15.29	500.00	100.0	H	159.00
16603.75	50.31	---	68.20	17.89	500.00	100.0	H	0.00

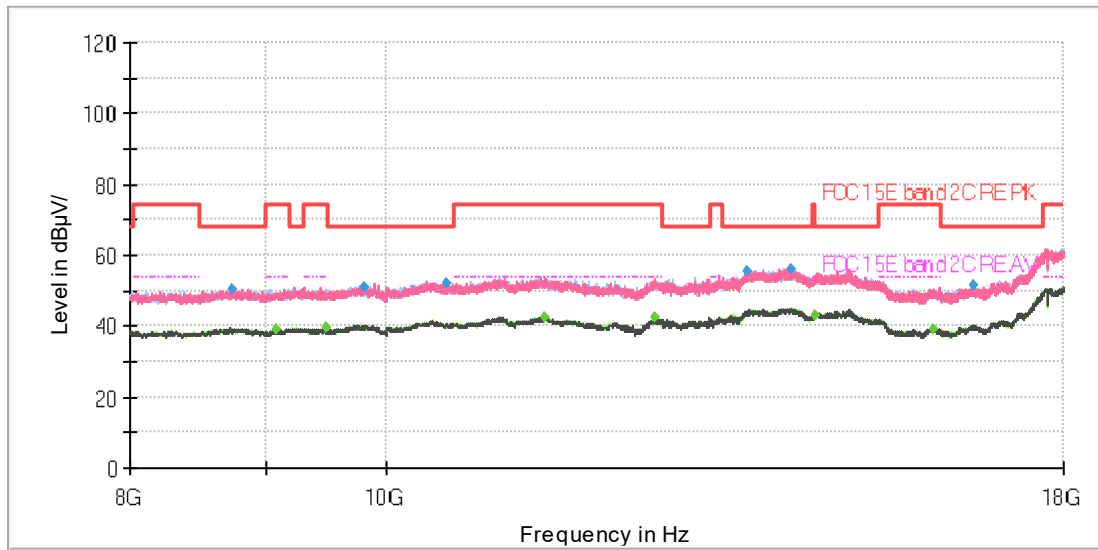
802.11n (HT20) CH140



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

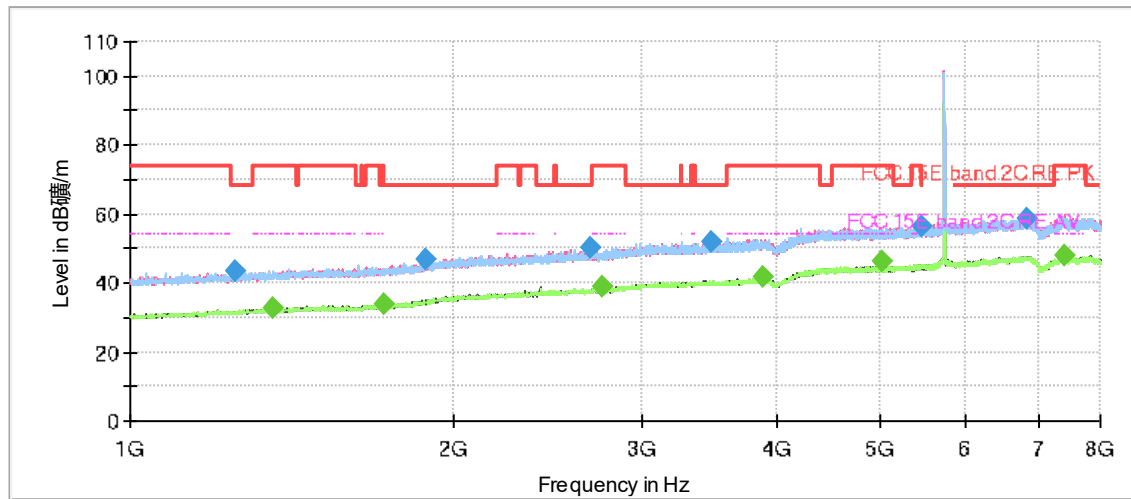
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1255.500000	44.17	---	68.20	24.03	500.0	200.0	H	0.0
1346.500000	---	32.66	54.00	21.34	500.0	200.0	V	139.0
1719.250000	---	33.44	54.00	20.56	500.0	100.0	V	40.0
1952.875000	47.06	---	68.20	21.14	500.0	100.0	H	80.0
2559.250000	49.55	---	68.20	18.65	500.0	200.0	V	31.0
2744.750000	---	38.68	54.00	15.32	500.0	200.0	H	0.0
3448.250000	52.49	---	68.20	15.71	500.0	100.0	V	0.0
3809.625000	---	41.34	54.00	12.66	500.0	100.0	H	148.0
5315.500000	56.09	---	68.20	12.11	500.0	200.0	H	2.0
5380.250000	---	44.98	54.00	9.02	500.0	100.0	V	99.0
6775.875000	58.82	---	68.20	9.38	500.0	200.0	V	98.0
7392.750000	---	48.33	54.00	5.67	500.0	200.0	H	138.0



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)
8746.25	50.39	---	68.20	17.81	500.00	100.0	V	106.00
9088.75	---	38.90	54.00	15.10	500.00	100.0	V	354.00
9490.00	---	39.36	54.00	14.64	500.00	200.0	H	238.00
9803.75	50.74	---	68.20	17.46	500.00	200.0	H	0.00
10530.00	51.94	---	68.20	16.26	500.00	100.0	H	0.00
11470.00	---	42.73	54.00	11.27	500.00	100.0	V	121.00
12627.50	---	42.67	54.00	11.33	500.00	200.0	H	143.00
13682.50	55.56	---	68.20	12.64	500.00	100.0	V	354.00
14215.00	56.23	---	68.20	11.97	500.00	200.0	H	238.00
14500.00	---	42.87	54.00	11.13	500.00	100.0	H	104.00
16082.50	---	39.21	54.00	14.79	500.00	200.0	V	147.00
16653.75	51.63	---	68.20	16.57	500.00	200.0	V	147.00

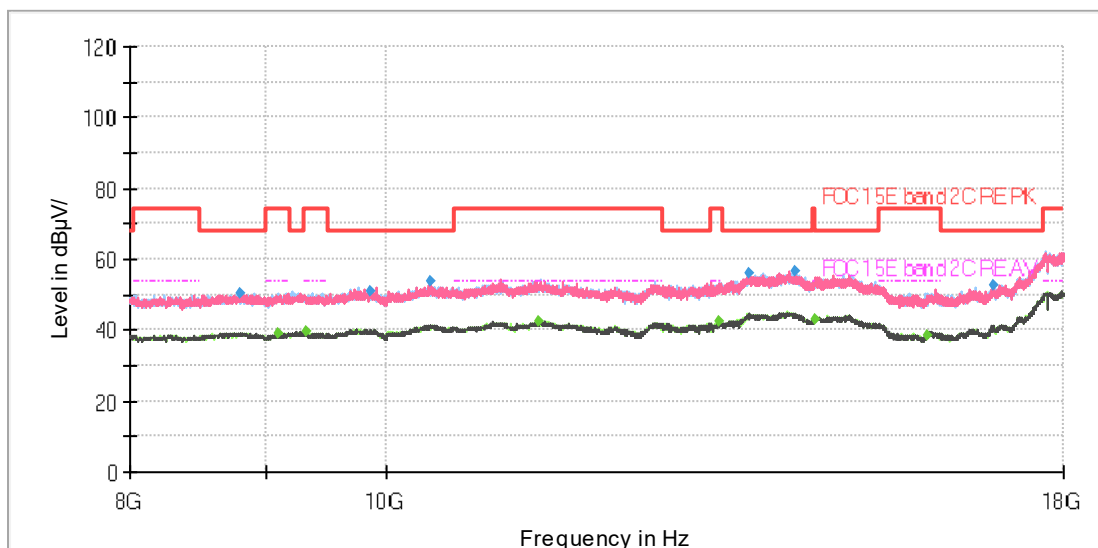
802.11n (HT20) CH144



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

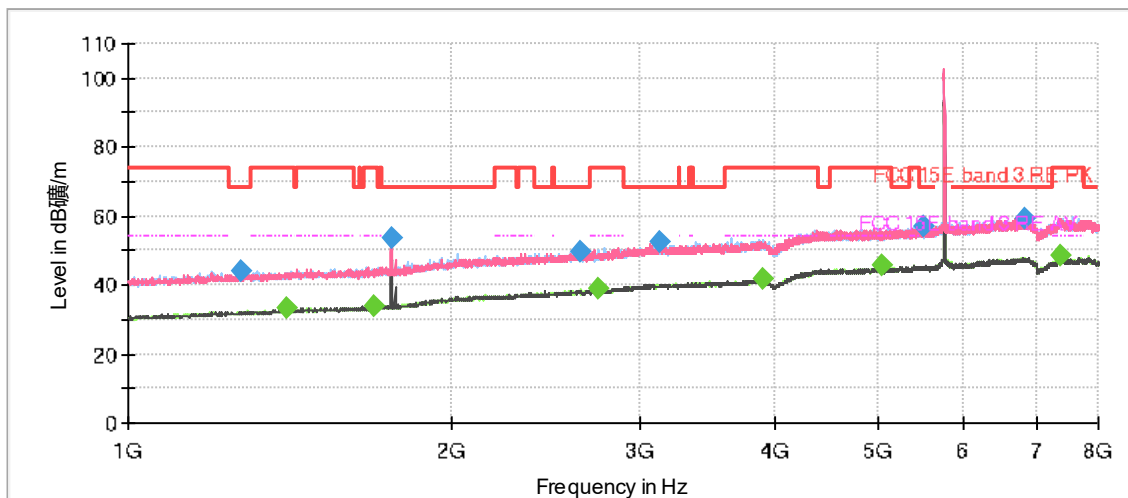
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1252.875000	43.25	---	68.20	24.95	500.0	100.0	H	120.0
1357.875000	---	32.60	54.00	21.40	500.0	200.0	H	3.0
1721.000000	---	34.04	54.00	19.96	500.0	100.0	H	62.0
1882.875000	46.98	---	68.20	21.22	500.0	100.0	V	86.0
2677.375000	50.07	---	68.20	18.13	500.0	100.0	V	164.0
2748.250000	---	38.72	54.00	15.28	500.0	200.0	H	30.0
3474.500000	51.79	---	68.20	16.41	500.0	200.0	H	50.0
3878.750000	---	41.64	54.00	12.36	500.0	100.0	H	111.0
5016.250000	---	46.15	54.00	7.85	500.0	200.0	V	91.0
5466.875000	56.55	---	68.20	11.65	500.0	100.0	V	37.0
6829.250000	58.82	---	68.20	9.38	500.0	200.0	H	11.0
7401.500000	---	48.15	54.00	5.85	500.0	100.0	H	149.0



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)
8805.00	50.20	---	68.20	18.00	500.00	200.0	V	0.00
9100.00	---	39.16	54.00	14.84	500.00	200.0	H	128.00
9328.75	---	39.36	54.00	14.64	500.00	200.0	H	176.00
9857.50	50.80	---	68.20	17.40	500.00	200.0	H	290.00
10388.75	53.78	---	68.20	14.42	500.00	200.0	V	185.00
11415.00	---	42.43	54.00	11.57	500.00	100.0	H	167.00
13341.25	---	42.21	54.00	11.79	500.00	200.0	H	350.00
13701.25	56.11	---	68.20	12.09	500.00	200.0	V	280.00
14253.75	56.41	---	68.20	11.79	500.00	200.0	V	24.00
14495.00	---	43.06	54.00	10.94	500.00	200.0	V	72.00
15982.50	---	38.49	54.00	15.51	500.00	100.0	H	104.00
16937.50	52.65	---	68.20	15.55	500.00	200.0	V	217.00

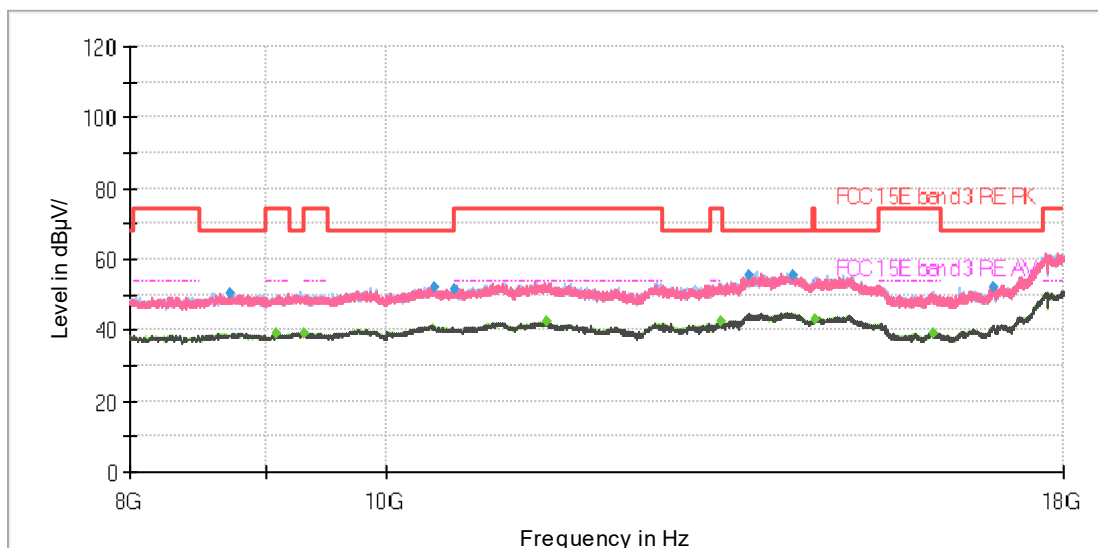
802.11n (HT20) CH149



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

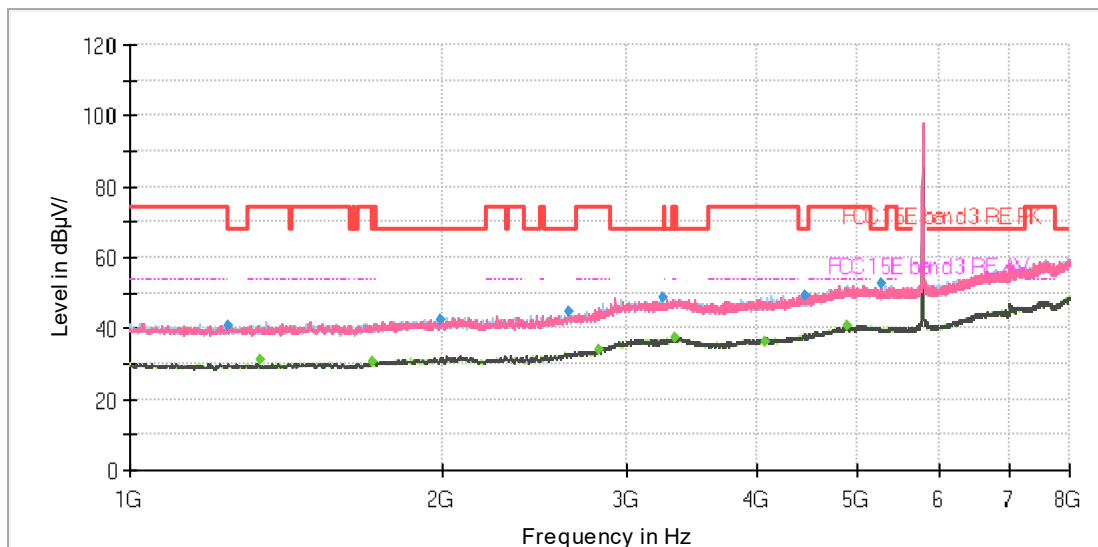
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1274.750000	44.10	---	68.20	24.10	500.0	100.0	H	187.0
1403.375000	---	33.18	54.00	20.82	500.0	100.0	H	168.0
1692.125000	---	33.67	54.00	20.33	500.0	200.0	V	359.0
1756.875000	53.53	---	68.20	14.67	500.0	100.0	V	140.0
2638.000000	49.51	---	68.20	18.69	500.0	200.0	H	81.0
2744.750000	---	38.95	54.00	15.05	500.0	200.0	H	129.0
3121.000000	52.25	---	68.20	15.95	500.0	200.0	V	344.0
3893.625000	---	41.86	54.00	12.14	500.0	100.0	V	62.0
5040.750000	---	45.92	54.00	8.08	500.0	100.0	V	71.0
5501.000000	57.09	---	68.20	11.11	500.0	200.0	V	91.0
6838.875000	59.16	---	68.20	9.04	500.0	200.0	H	90.0
7384.000000	---	48.52	54.00	5.48	500.0	200.0	H	216.0



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)
8722.50	50.25	---	68.20	17.95	500.00	200.0	H	38.00
9086.25	---	38.94	54.00	15.06	500.00	100.0	H	98.00
9310.00	---	39.11	54.00	14.89	500.00	100.0	V	356.00
10417.50	52.27	---	68.20	15.93	500.00	200.0	V	276.00
10598.75	51.55	---	68.20	16.65	500.00	100.0	V	264.00
11485.00	---	42.41	54.00	11.59	500.00	100.0	V	330.00
13358.75	---	42.21	54.00	11.79	500.00	100.0	H	5.00
13693.75	55.49	---	68.20	12.71	500.00	200.0	H	346.00
14237.50	55.56	---	68.20	12.64	500.00	100.0	H	142.00
14495.00	---	42.74	54.00	11.26	500.00	100.0	H	255.00
16061.25	---	39.03	54.00	14.97	500.00	100.0	H	76.00
16932.50	51.94	---	68.20	16.26	500.00	100.0	V	356.00

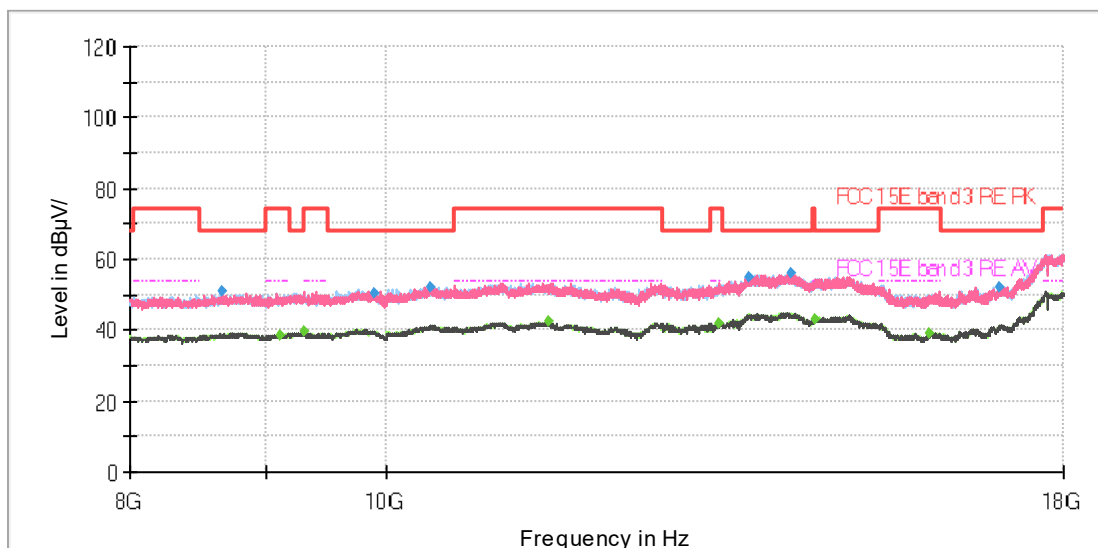
802.11n (HT20) CH157



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

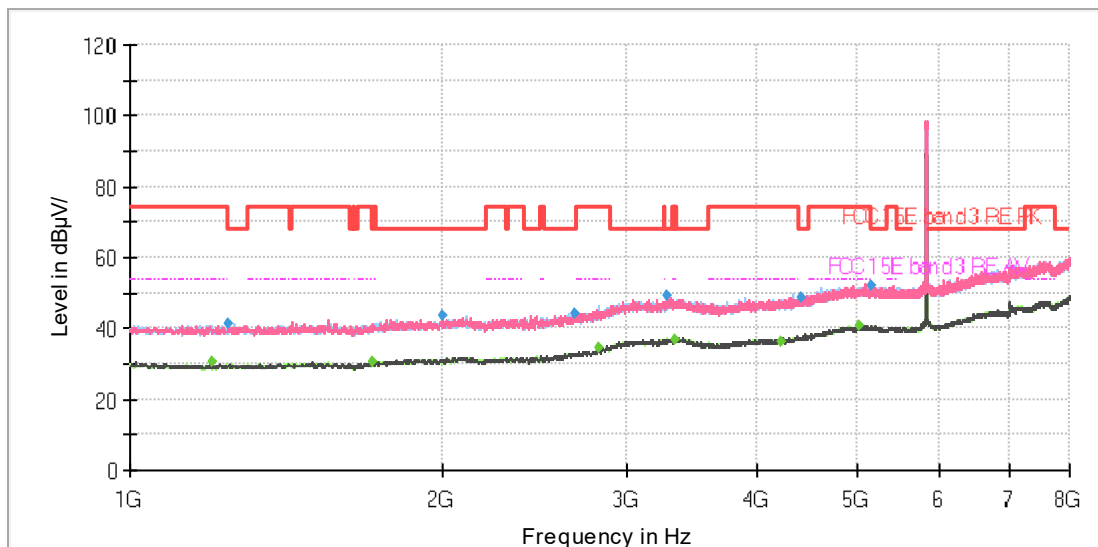
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1243.25	41.01	---	68.20	27.19	500.00	100.0	V	0.00
1331.63	---	30.89	54.00	23.11	500.00	200.0	H	167.00
1709.63	---	30.76	54.00	23.24	500.00	100.0	H	22.00
1991.38	42.57	---	68.20	25.63	500.00	200.0	H	201.00
2643.25	44.46	---	68.20	23.74	500.00	200.0	H	0.00
2818.25	---	34.23	54.00	19.77	500.00	200.0	H	62.00
3255.75	48.59	---	68.20	19.61	500.00	100.0	H	11.00
3338.88	---	37.26	54.00	16.74	500.00	200.0	V	0.00
4082.63	---	36.16	54.00	17.84	500.00	100.0	H	193.00
4462.38	49.47	---	68.20	18.73	500.00	100.0	H	228.00
4883.25	---	40.79	54.00	13.21	500.00	100.0	V	266.00
5282.25	52.83	---	68.20	15.37	500.00	100.0	V	301.00



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)
8668.75	50.78	---	68.20	17.42	500.00	100.0	V	356.00
9107.50	---	38.64	54.00	15.36	500.00	100.0	V	150.00
9308.75	---	39.41	54.00	14.59	500.00	200.0	V	127.00
9891.25	50.48	---	68.20	17.72	500.00	100.0	V	331.00
10387.50	52.30	---	68.20	15.90	500.00	200.0	V	254.00
11501.25	---	42.27	54.00	11.73	500.00	100.0	H	162.00
13345.00	---	42.14	54.00	11.86	500.00	100.0	H	252.00
13693.75	55.18	---	68.20	13.02	500.00	100.0	H	117.00
14208.75	55.79	---	68.20	12.41	500.00	200.0	H	352.00
14496.25	---	43.03	54.00	10.97	500.00	100.0	V	195.00
16006.25	---	38.93	54.00	15.07	500.00	200.0	V	127.00
17022.50	52.32	---	68.20	15.88	500.00	100.0	H	11.00

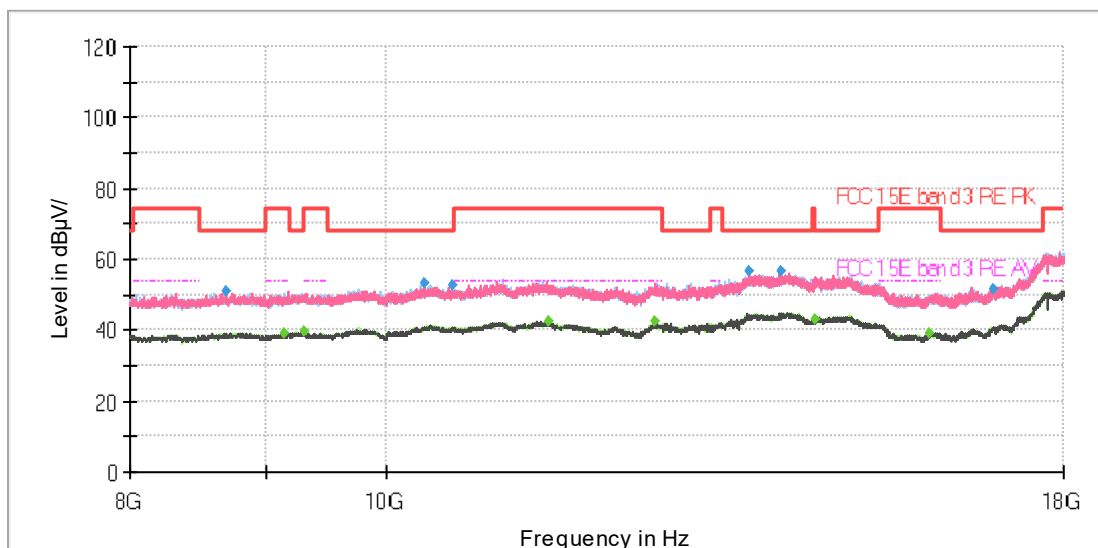
802.11n (HT20) CH165



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

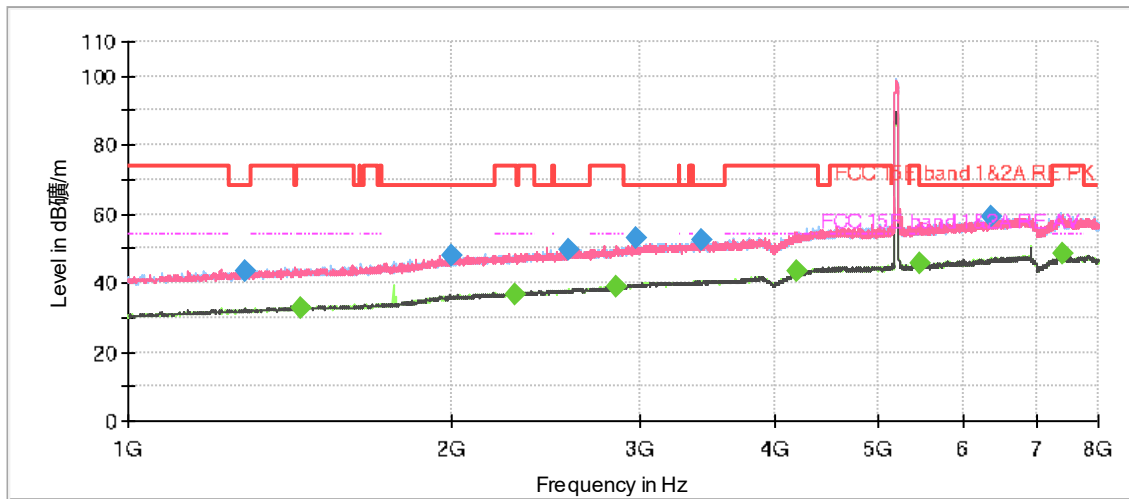
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1196.88	---	30.56	54.00	23.44	500.00	200.0	H	147.00
1240.63	41.46	---	68.20	26.74	500.00	100.0	H	144.00
1709.63	---	30.52	54.00	23.48	500.00	100.0	H	161.00
1995.75	43.54	---	68.20	24.66	500.00	100.0	V	186.00
2671.25	44.26	---	68.20	23.94	500.00	200.0	H	0.00
2817.38	---	34.27	54.00	19.73	500.00	200.0	H	341.00
3280.25	49.05	---	68.20	19.15	500.00	200.0	V	127.00
3335.38	---	36.95	54.00	17.05	500.00	200.0	H	198.00
4222.63	---	36.16	54.00	17.84	500.00	200.0	H	0.00
4420.38	48.78	---	68.20	19.42	500.00	200.0	V	245.00
5021.50	---	40.95	54.00	13.05	500.00	100.0	H	195.00
5165.88	51.94	---	68.20	16.26	500.00	100.0	V	282.00



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)
8697.50	50.86	---	68.20	17.34	500.00	200.0	V	233.00
9155.00	---	38.84	54.00	15.16	500.00	200.0	H	274.00
9308.75	---	39.36	54.00	14.64	500.00	100.0	V	321.00
10326.25	53.02	---	68.20	15.18	500.00	200.0	V	165.00
10580.00	52.68	---	68.20	15.53	500.00	100.0	H	13.00
11503.75	---	42.22	54.00	11.78	500.00	100.0	V	341.00
12626.25	---	42.19	54.00	11.81	500.00	200.0	H	296.00
13698.75	56.65	---	68.20	11.55	500.00	100.0	V	358.00
14090.00	56.40	---	68.20	11.80	500.00	100.0	H	278.00
14498.75	---	42.96	54.00	11.04	500.00	100.0	H	142.00
16030.00	---	39.30	54.00	14.70	500.00	100.0	H	4.00
16941.25	51.31	---	68.20	16.89	500.00	200.0	V	1.00

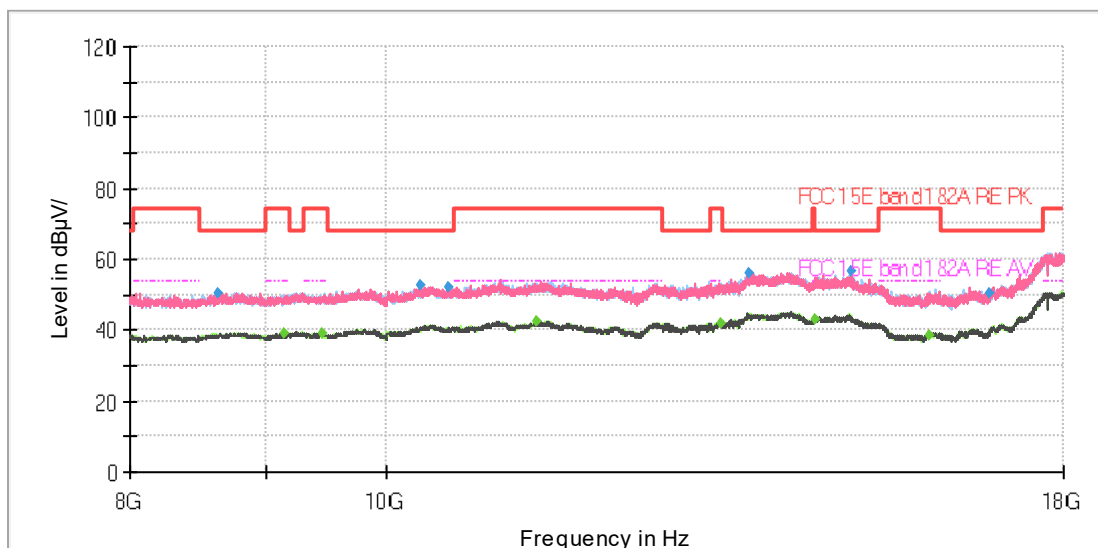
802.11n (HT40) CH38



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

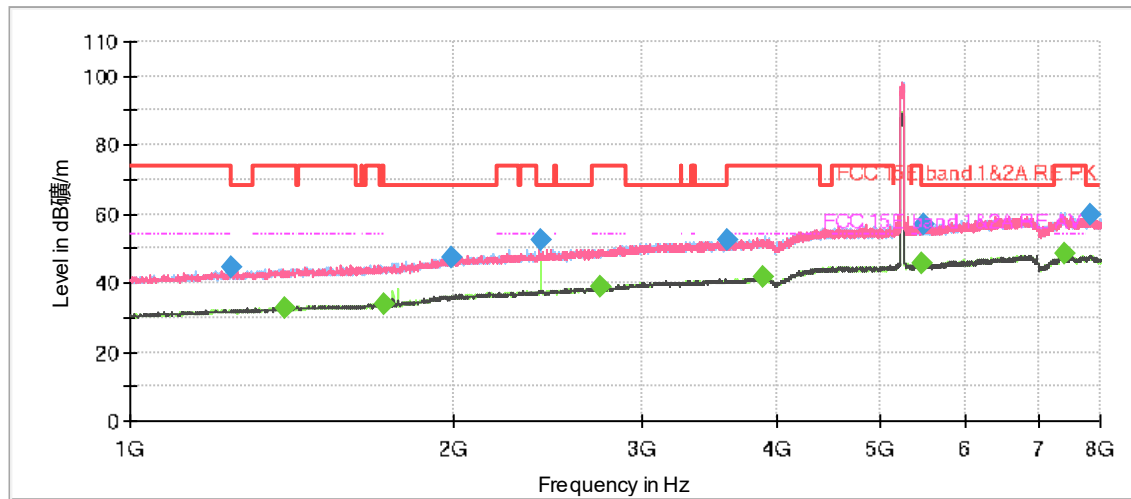
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1282.625000	43.57	---	68.20	24.63	500.0	200.0	V	167.0
1448.000000	---	32.91	54.00	21.09	500.0	100.0	V	29.0
1998.375000	47.77	---	68.20	20.43	500.0	200.0	V	0.0
2294.125000	---	36.58	54.00	17.42	500.0	200.0	H	135.0
2573.250000	49.53	---	68.20	18.67	500.0	200.0	V	201.0
2842.750000	---	39.02	54.00	14.98	500.0	200.0	H	93.0
2966.125000	52.84	---	68.20	15.36	500.0	200.0	V	11.0
3415.000000	52.22	---	68.20	15.98	500.0	100.0	V	159.0
4189.375000	---	43.22	54.00	10.78	500.0	100.0	V	159.0
5445.000000	---	45.76	54.00	8.24	500.0	200.0	V	355.0
6354.125000	59.22	---	68.20	8.98	500.0	100.0	H	110.0
7401.500000	---	48.55	54.00	5.45	500.0	100.0	V	270.0



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)
8643.75	50.61	---	68.20	17.59	500.00	100.0	V	326.00
9146.25	---	38.97	54.00	15.03	500.00	100.0	V	119.00
9461.25	---	39.29	54.00	14.71	500.00	100.0	V	358.00
10290.00	52.85	---	68.20	15.35	500.00	200.0	V	0.00
10541.25	52.03	---	68.20	16.17	500.00	200.0	H	0.00
11393.75	---	42.39	54.00	11.61	500.00	200.0	H	0.00
13367.50	---	42.16	54.00	11.84	500.00	200.0	V	216.00
13692.50	55.78	---	68.20	12.42	500.00	100.0	H	12.00
14496.25	---	43.07	54.00	10.93	500.00	200.0	H	359.00
14966.25	56.67	---	68.20	11.53	500.00	200.0	V	0.00
16007.50	---	38.67	54.00	15.33	500.00	100.0	H	170.00
16887.50	50.45	---	68.20	17.75	500.00	200.0	H	0.00

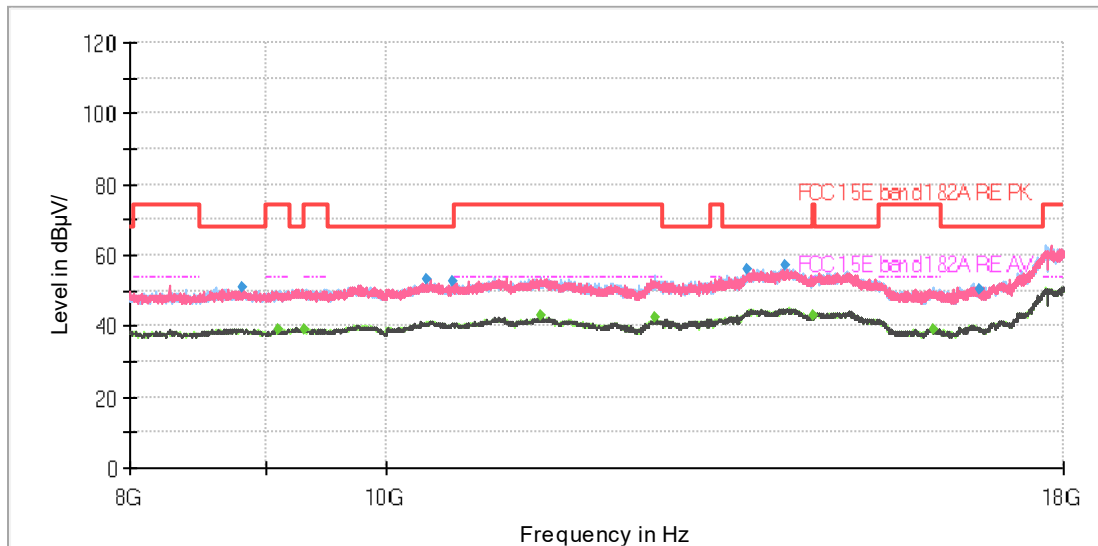
802.11n (HT40) CH46



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

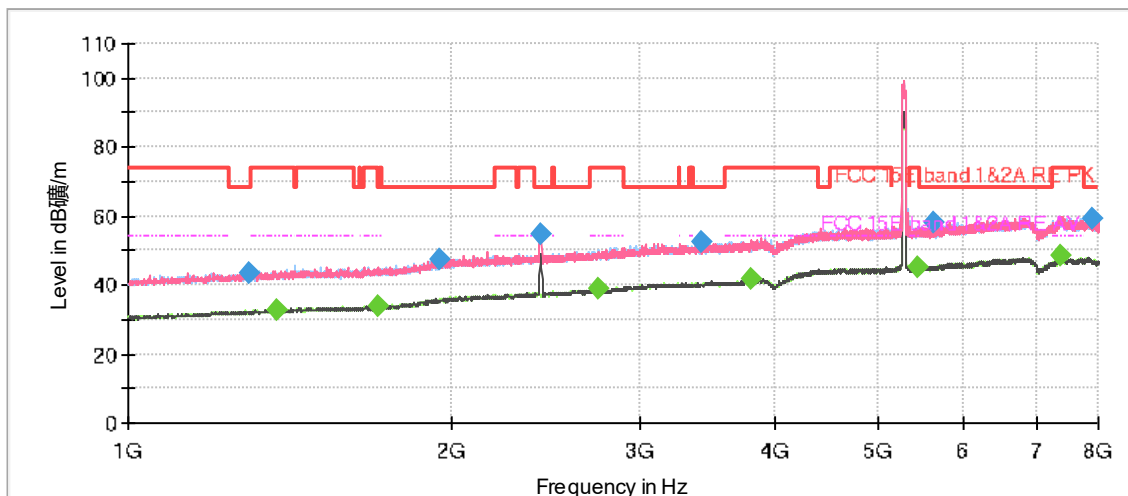
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1240.625000	44.55	---	68.20	23.65	500.0	200.0	V	200.0
1392.875000	---	32.90	54.00	21.10	500.0	100.0	V	31.0
1721.000000	---	33.91	54.00	20.09	500.0	100.0	V	116.0
1994.875000	47.61	---	68.20	20.59	500.0	100.0	V	167.0
2410.500000	52.24	---	68.20	15.96	500.0	200.0	H	135.0
2743.000000	---	39.00	54.00	15.00	500.0	200.0	H	203.0
3594.375000	52.27	---	68.20	15.93	500.0	200.0	H	280.0
3887.500000	---	41.99	54.00	12.01	500.0	200.0	V	175.0
5445.875000	---	45.45	54.00	8.55	500.0	200.0	H	84.0
5490.500000	57.19	---	68.20	11.01	500.0	200.0	H	58.0
7398.000000	---	48.35	54.00	5.65	500.0	200.0	V	0.0
7825.875000	59.97	---	68.20	8.23	500.0	200.0	V	302.0



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)
8823.75	50.74	---	68.20	17.46	500.00	100.0	V	359.00
9093.75	---	39.08	54.00	14.92	500.00	100.0	V	0.00
9302.50	---	39.19	54.00	14.81	500.00	100.0	H	216.00
10357.50	53.42	---	68.20	14.78	500.00	200.0	V	248.00
10583.75	52.41	---	68.20	15.79	500.00	100.0	V	283.00
11428.75	---	42.89	54.00	11.11	500.00	200.0	V	151.00
12628.75	---	42.19	54.00	11.81	500.00	100.0	H	137.00
13676.25	55.79	---	68.20	12.41	500.00	100.0	V	178.00
14127.50	57.01	---	68.20	11.19	500.00	100.0	H	11.00
14492.50	---	42.84	54.00	11.16	500.00	100.0	H	137.00
16062.50	---	39.17	54.00	14.83	500.00	100.0	H	25.00
16725.00	50.58	---	68.20	17.62	500.00	200.0	V	296.00

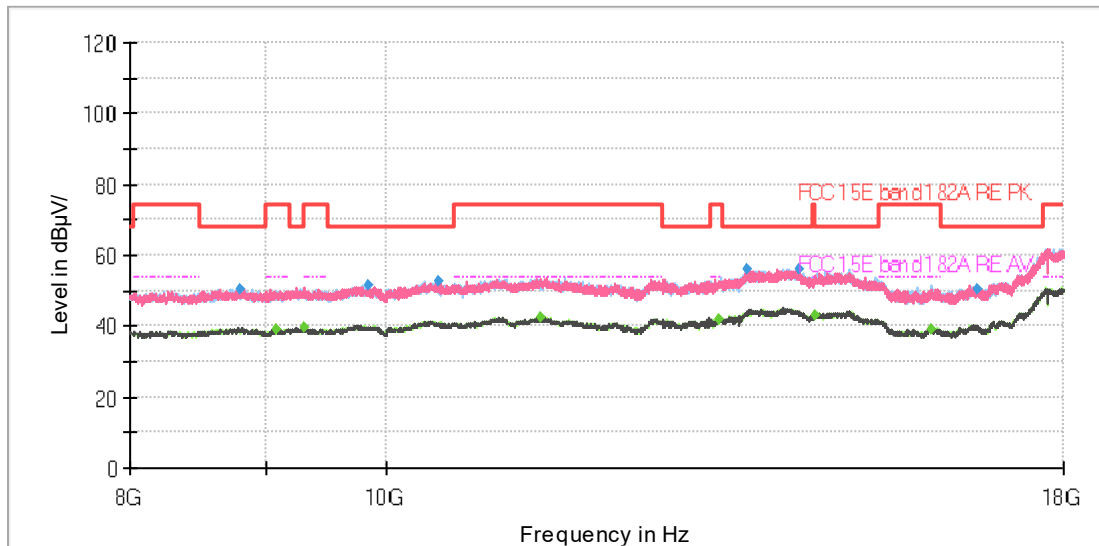
802.11n (HT40) CH54



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

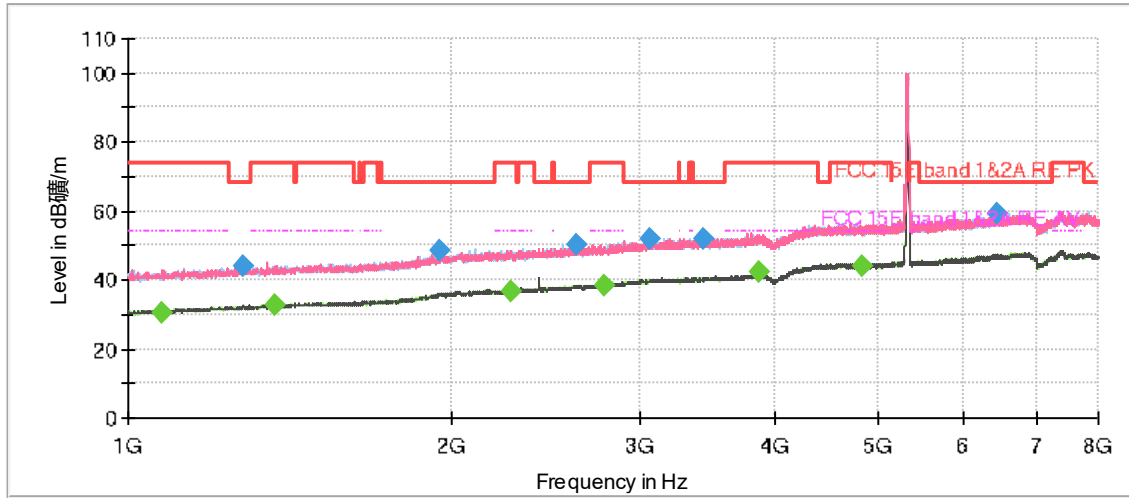
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1296.625000	43.36	---	68.20	24.84	500.0	200.0	V	271.0
1378.000000	---	32.90	54.00	21.10	500.0	200.0	H	106.0
1706.125000	---	33.93	54.00	20.07	500.0	100.0	H	82.0
1949.375000	47.54	---	68.20	20.66	500.0	100.0	V	57.0
2422.750000	54.55	---	68.20	13.65	500.0	200.0	V	124.0
2744.750000	---	38.86	54.00	15.14	500.0	200.0	V	200.0
3417.625000	52.29	---	68.20	15.91	500.0	200.0	H	0.0
3794.750000	---	41.64	54.00	12.36	500.0	200.0	V	243.0
5441.500000	---	45.37	54.00	8.63	500.0	200.0	H	262.0
5622.625000	58.31	---	68.20	9.89	500.0	100.0	V	204.0
7371.750000	---	48.52	54.00	5.48	500.0	100.0	V	82.0
7889.750000	59.28	---	68.20	8.92	500.0	200.0	H	21.0



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)
8807.50	50.46	---	68.20	17.74	500.00	200.0	V	38.00
9083.75	---	39.11	54.00	14.89	500.00	200.0	V	296.00
9311.25	---	39.67	54.00	14.33	500.00	200.0	H	210.00
9837.50	51.27	---	68.20	16.93	500.00	100.0	V	296.00
10460.00	52.41	---	68.20	15.79	500.00	100.0	H	17.00
11428.75	---	42.44	54.00	11.56	500.00	200.0	H	273.00
13350.00	---	42.15	54.00	11.85	500.00	200.0	V	215.00
13670.00	56.20	---	68.20	12.00	500.00	200.0	V	198.00
14315.00	56.30	---	68.20	11.90	500.00	100.0	V	280.00
14498.75	---	42.84	54.00	11.16	500.00	200.0	V	198.00
16038.75	---	39.21	54.00	14.79	500.00	200.0	V	330.00
16701.25	50.52	---	68.20	17.68	500.00	200.0	H	0.00

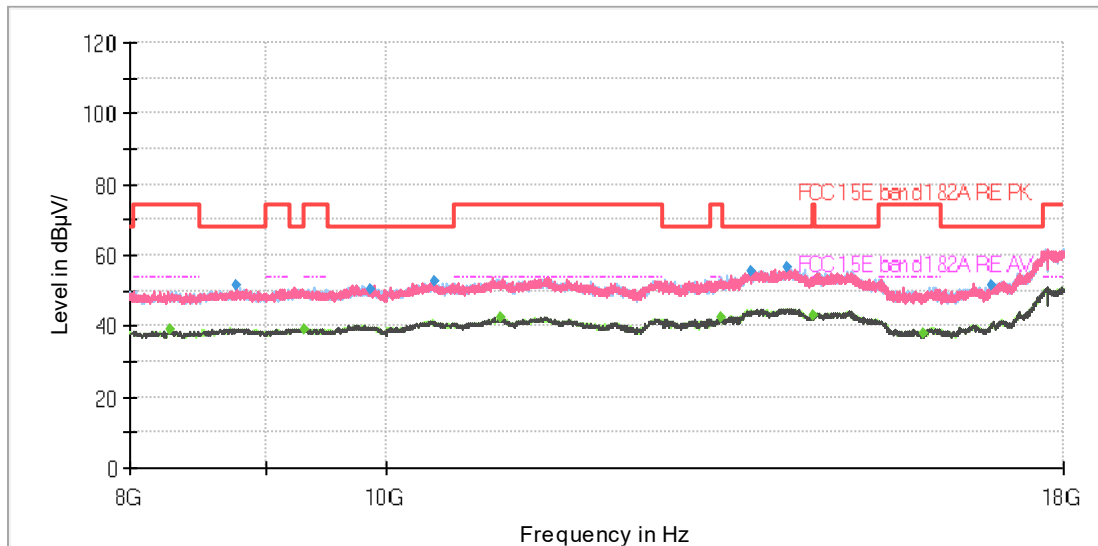
802.11n (HT40) CH62



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

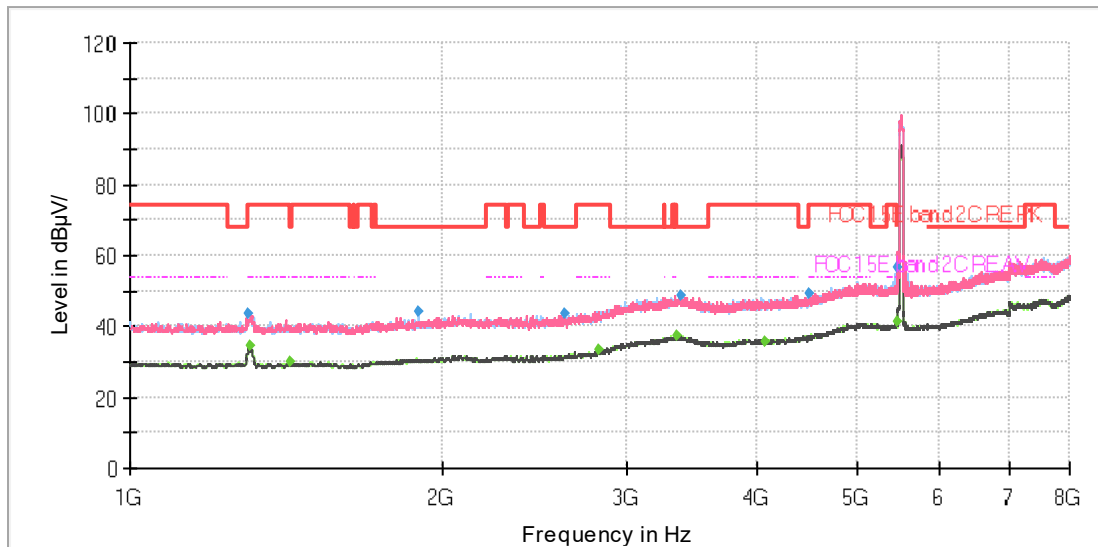
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1.000000	---	30.52	54.00	23.48	500.0	200.0	H	41.0
1280.000000	43.78	---	68.20	24.42	500.0	200.0	V	346.0
1371.875000	---	32.91	54.00	21.09	500.0	200.0	V	259.0
1945.875000	48.56	---	68.20	19.64	500.0	200.0	H	50.0
2275.750000	---	36.92	54.00	17.08	500.0	200.0	V	354.0
2616.125000	49.99	---	68.20	18.21	500.0	100.0	H	295.0
2772.750000	---	38.27	54.00	15.73	500.0	200.0	H	75.0
3058.875000	52.00	---	68.20	16.20	500.0	200.0	H	118.0
3437.750000	51.71	---	68.20	16.49	500.0	200.0	H	33.0
3866.500000	---	42.07	54.00	11.93	500.0	100.0	V	0.0
4826.375000	---	44.13	54.00	9.87	500.0	200.0	V	250.0
6442.500000	59.11	---	68.20	9.09	500.0	100.0	V	0.0



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)
8288.75	---	39.04	54.00	14.96	500.00	100.0	V	307.00
8768.75	51.23	---	68.20	16.97	500.00	200.0	V	0.00
9302.50	---	39.20	54.00	14.80	500.00	200.0	V	131.00
9851.25	50.44	---	68.20	17.76	500.00	100.0	H	0.00
10427.50	52.88	---	68.20	15.32	500.00	200.0	V	37.00
11036.25	---	42.38	54.00	11.62	500.00	200.0	H	285.00
13363.75	---	42.34	54.00	11.66	500.00	100.0	H	266.00
13731.25	55.73	---	68.20	12.47	500.00	100.0	V	0.00
14162.50	56.52	---	68.20	11.68	500.00	100.0	H	5.00
14493.75	---	43.04	54.00	10.96	500.00	200.0	V	0.00
15923.75	---	37.78	54.00	16.22	500.00	100.0	H	0.00
16907.50	51.61	---	68.20	16.59	500.00	100.0	H	186.00

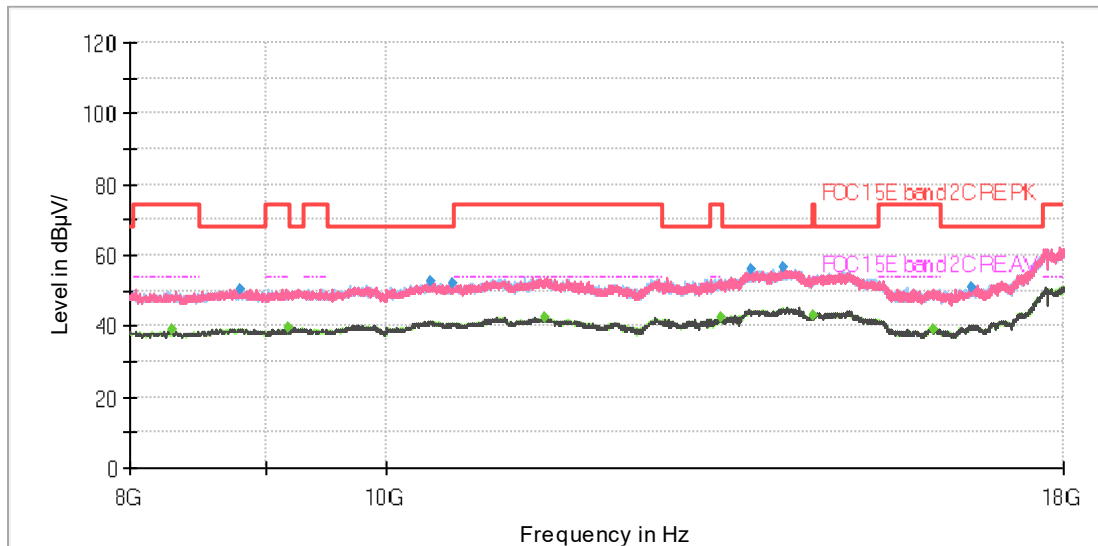
802.11n (HT40) CH102



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

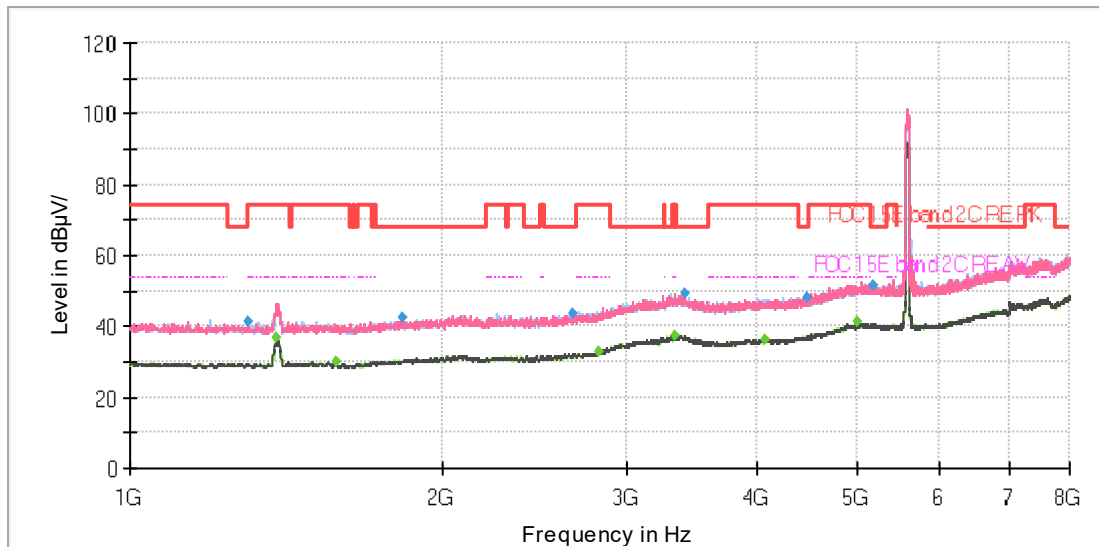
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1299.25	43.45	---	68.20	24.75	500.00	100.0	H	349.00
1305.38	---	34.75	54.00	19.25	500.00	200.0	H	346.00
1422.63	---	30.20	54.00	23.80	500.00	100.0	V	155.00
1893.38	43.88	---	68.20	24.32	500.00	200.0	H	122.00
2618.75	43.45	---	68.20	24.75	500.00	100.0	V	310.00
2819.13	---	33.13	54.00	20.87	500.00	100.0	V	353.00
3356.38	---	37.17	54.00	16.83	500.00	100.0	V	322.00
3387.00	48.48	---	68.20	19.72	500.00	200.0	V	88.00
4075.63	---	35.85	54.00	18.16	500.00	200.0	H	214.00
4493.00	49.04	---	68.20	19.16	500.00	200.0	H	276.00
5459.88	---	41.09	54.00	12.91	500.00	100.0	V	357.00
5468.63	56.32	---	68.20	11.88	500.00	200.0	V	349.00



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)
8291.25	---	39.00	54.00	15.00	500.00	200.0	H	113.00
8803.75	50.52	---	68.20	17.68	500.00	100.0	V	178.00
9175.00	---	39.43	54.00	14.57	500.00	200.0	V	312.00
10391.25	52.75	---	68.20	15.45	500.00	100.0	V	242.00
10592.50	52.14	---	68.20	16.06	500.00	200.0	H	323.00
11462.50	---	42.39	54.00	11.61	500.00	100.0	V	339.00
13368.75	---	42.30	54.00	11.70	500.00	100.0	H	0.00
13728.75	56.14	---	68.20	12.06	500.00	100.0	V	0.00
14106.25	56.62	---	68.20	11.58	500.00	100.0	V	0.00
14486.25	---	42.89	54.00	11.11	500.00	200.0	H	193.00
16085.00	---	38.97	54.00	15.03	500.00	200.0	H	291.00
16601.25	50.93	---	68.20	17.27	500.00	200.0	H	0.00

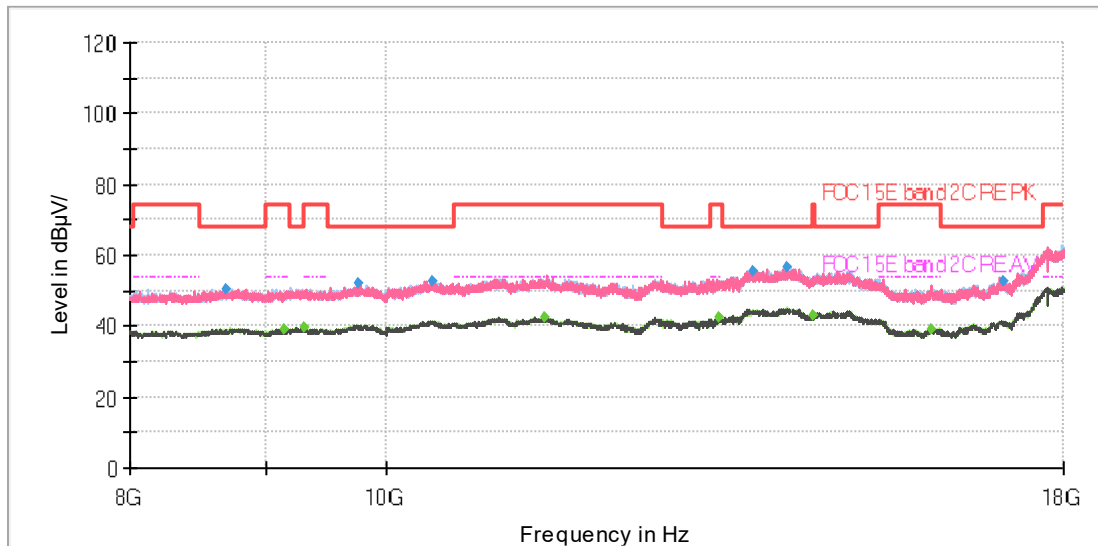
802.11n (HT40) CH118



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

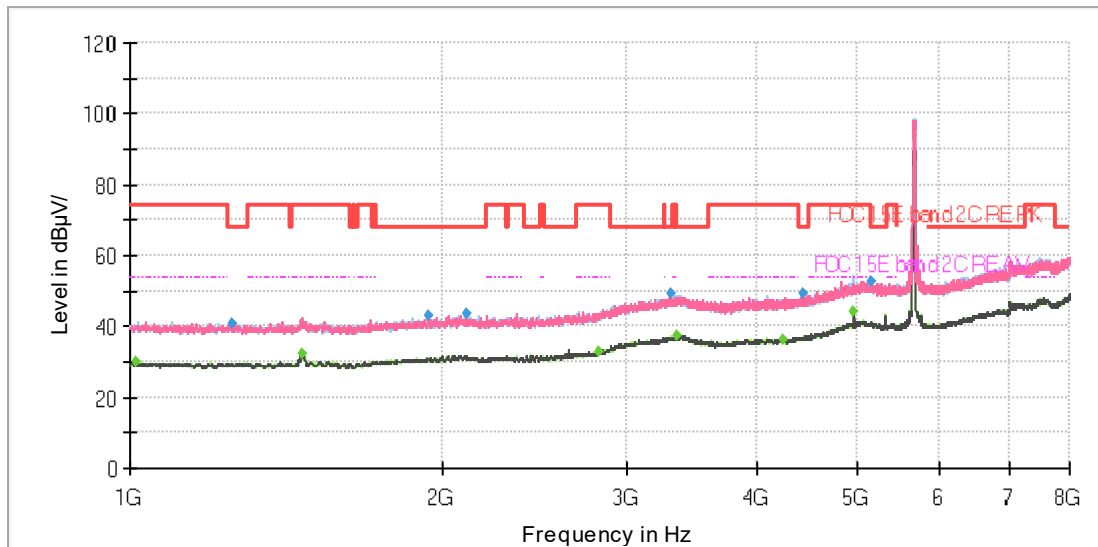
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1296.63	41.07	---	68.20	27.13	500.00	200.0	H	358.00
1385.00	---	36.89	54.00	17.11	500.00	200.0	H	346.00
1579.25	---	30.03	54.00	23.97	500.00	200.0	V	275.00
1826.88	42.23	---	68.20	25.97	500.00	100.0	V	354.00
2668.63	43.40	---	68.20	24.80	500.00	200.0	H	226.00
2820.88	---	33.02	54.00	20.98	500.00	200.0	V	287.00
3338.88	---	37.36	54.00	16.64	500.00	200.0	V	155.00
3408.88	49.20	---	68.20	19.00	500.00	200.0	V	33.00
4077.38	---	35.96	54.00	18.04	500.00	200.0	V	94.00
4465.88	48.17	---	68.20	20.03	500.00	200.0	V	5.00
5009.25	---	41.24	54.00	12.76	500.00	100.0	H	5.00
5184.25	51.62	---	68.20	16.58	500.00	100.0	V	110.00



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)
8700.00	50.63	---	68.20	17.57	500.00	200.0	V	0.00
9150.00	---	39.23	54.00	14.77	500.00	200.0	V	105.00
9313.75	---	39.35	54.00	14.65	500.00	200.0	V	21.00
9763.75	52.35	---	68.20	15.85	500.00	100.0	V	330.00
10402.50	52.79	---	68.20	15.41	500.00	100.0	H	175.00
11470.00	---	42.56	54.00	11.44	500.00	100.0	V	299.00
13342.50	---	42.43	54.00	11.57	500.00	100.0	H	0.00
13736.25	55.60	---	68.20	12.60	500.00	100.0	V	0.00
14151.25	56.58	---	68.20	11.62	500.00	200.0	H	0.00
14488.75	---	43.15	54.00	10.85	500.00	200.0	V	2.00
16033.75	---	39.23	54.00	14.77	500.00	200.0	V	69.00
17070.00	52.57	---	68.20	15.63	500.00	100.0	H	175.00

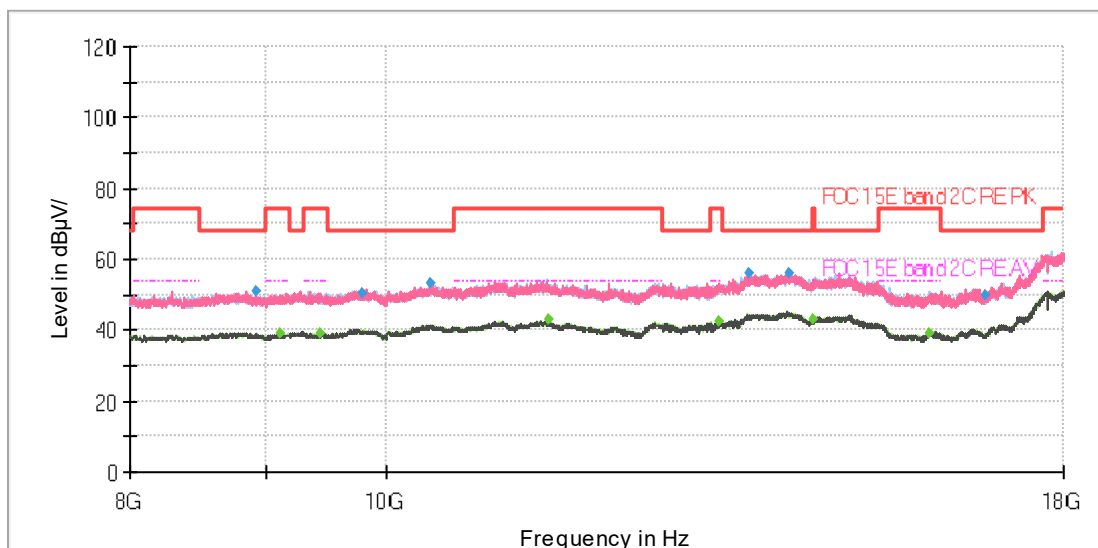
802.11n (HT40) CH134



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

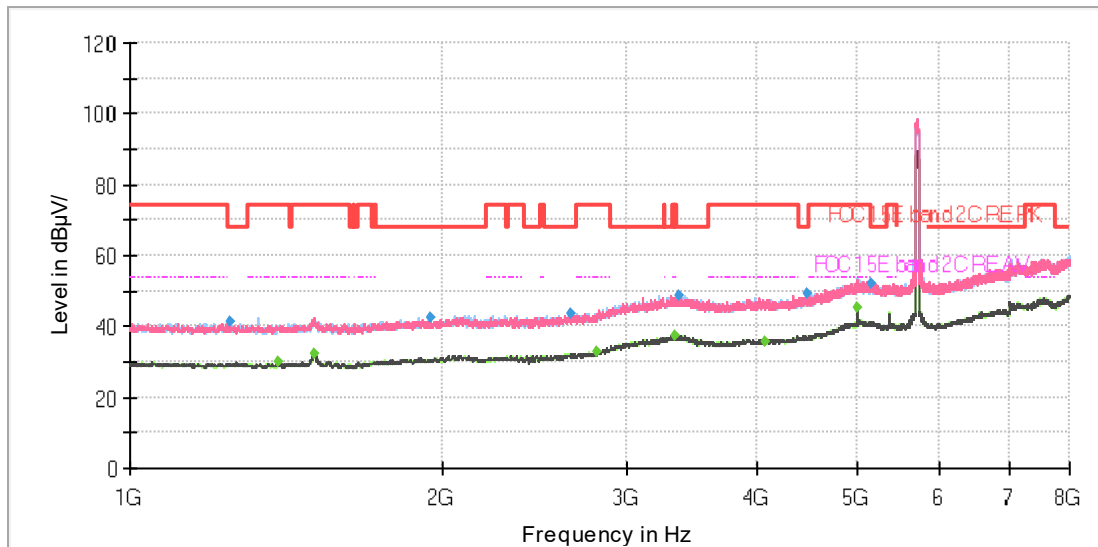
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1012.25	---	30.10	54.00	23.90	500.00	100.0	H	15.00
1256.38	40.93	---	68.20	27.27	500.00	100.0	V	350.00
1463.75	---	32.49	54.00	21.51	500.00	200.0	H	343.00
1938.00	42.77	---	68.20	25.43	500.00	100.0	V	144.00
2108.63	43.48	---	68.20	24.72	500.00	200.0	V	128.00
2824.38	---	33.06	54.00	20.94	500.00	200.0	H	295.00
3316.13	49.15	---	68.20	19.05	500.00	200.0	V	2.00
3357.25	---	37.14	54.00	16.86	500.00	200.0	V	211.00
4251.50	---	36.13	54.00	17.87	500.00	200.0	H	357.00
4445.75	49.11	---	68.20	19.09	500.00	200.0	H	52.00
4966.38	---	44.31	54.00	9.69	500.00	100.0	H	3.00
5163.25	52.52	---	68.20	15.68	500.00	100.0	V	350.00



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)
8921.25	50.86	---	68.20	17.34	500.00	200.0	H	208.00
9108.75	---	39.09	54.00	14.91	500.00	200.0	V	40.00
9441.25	---	39.31	54.00	14.69	500.00	100.0	H	50.00
9783.75	50.59	---	68.20	17.61	500.00	100.0	H	115.00
10390.00	53.37	---	68.20	14.83	500.00	200.0	V	296.00
11502.50	---	43.00	54.00	11.00	500.00	100.0	H	35.00
13350.00	---	42.36	54.00	11.64	500.00	100.0	H	264.00
13696.25	56.12	---	68.20	12.08	500.00	100.0	H	183.00
14193.75	56.19	---	68.20	12.01	500.00	200.0	V	0.00
14472.50	---	42.98	54.00	11.02	500.00	200.0	H	311.00
16013.75	---	39.09	54.00	14.91	500.00	200.0	H	208.00
16822.50	50.04	---	68.20	18.16	500.00	100.0	H	312.00

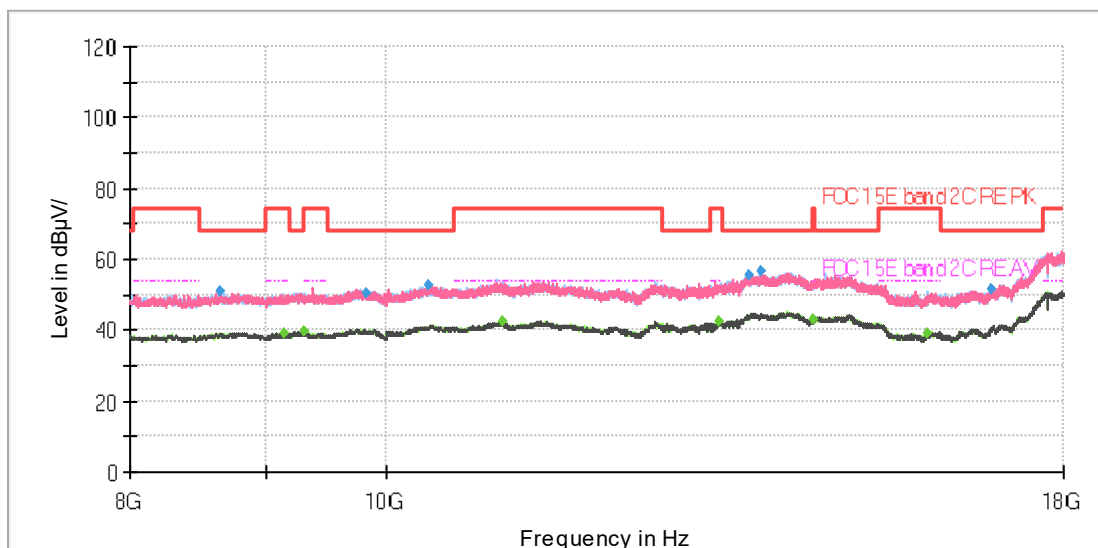
802.11n (HT40) CH142



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

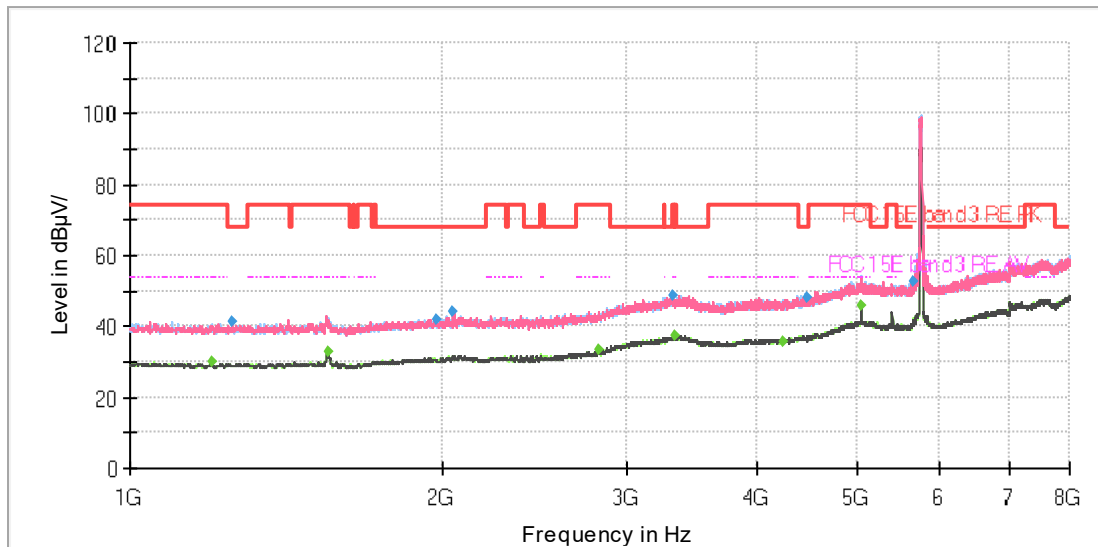
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1247.63	41.12	---	68.20	27.08	500.00	200.0	H	0.00
1390.25	---	29.92	54.00	24.08	500.00	100.0	H	36.00
1504.88	---	32.25	54.00	21.75	500.00	100.0	H	13.00
1943.25	42.46	---	68.20	25.74	500.00	200.0	V	178.00
2650.25	43.75	---	68.20	24.45	500.00	100.0	H	251.00
2813.88	---	33.04	54.00	20.96	500.00	200.0	H	337.00
3338.88	---	37.28	54.00	16.72	500.00	100.0	H	96.00
3365.13	48.82	---	68.20	19.38	500.00	100.0	H	2.00
4080.00	---	35.90	54.00	18.10	500.00	200.0	H	157.00
4470.25	48.97	---	68.20	19.23	500.00	100.0	V	265.00
5005.75	---	45.18	54.00	8.82	500.00	200.0	H	0.00
5151.88	51.97	---	68.20	16.23	500.00	100.0	H	0.00



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)
8650.00	50.89	---	68.20	17.31	500.00	100.0	H	21.00
9148.75	---	39.08	54.00	14.92	500.00	200.0	H	318.00
9311.25	---	39.39	54.00	14.61	500.00	200.0	H	14.00
9822.50	50.62	---	68.20	17.58	500.00	200.0	H	318.00
10362.50	52.71	---	68.20	15.49	500.00	200.0	V	168.00
11058.75	---	42.41	54.00	11.59	500.00	200.0	H	255.00
13346.25	---	42.20	54.00	11.80	500.00	100.0	V	0.00
13696.25	55.74	---	68.20	12.46	500.00	200.0	V	6.00
13850.00	56.61	---	68.20	11.59	500.00	100.0	V	358.00
14493.75	---	43.08	54.00	10.92	500.00	100.0	H	116.00
16003.75	---	38.99	54.00	15.01	500.00	100.0	V	280.00
16905.00	51.49	---	68.20	16.71	500.00	100.0	H	196.00

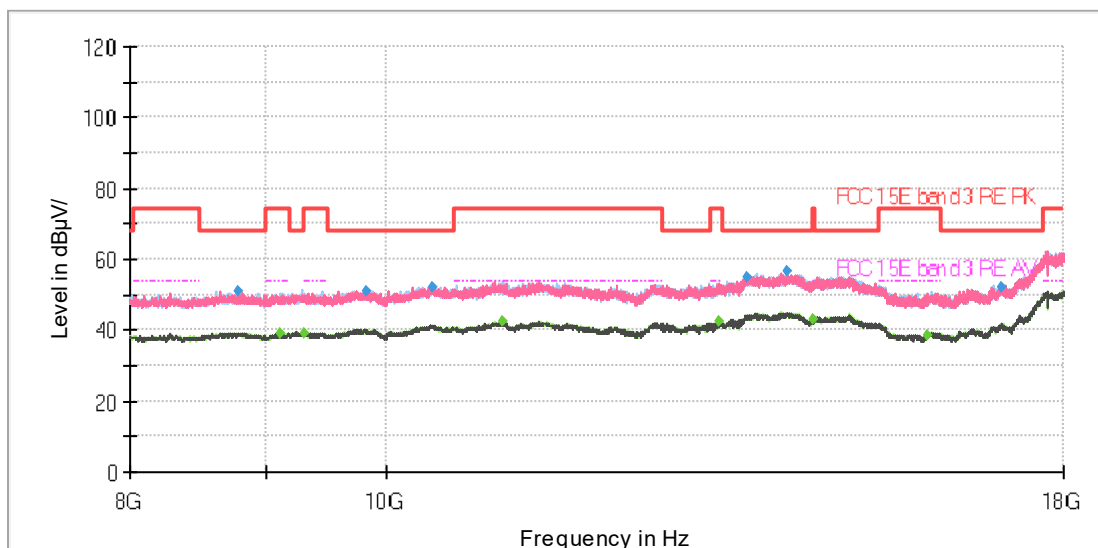
802.11n (HT40) CH151



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

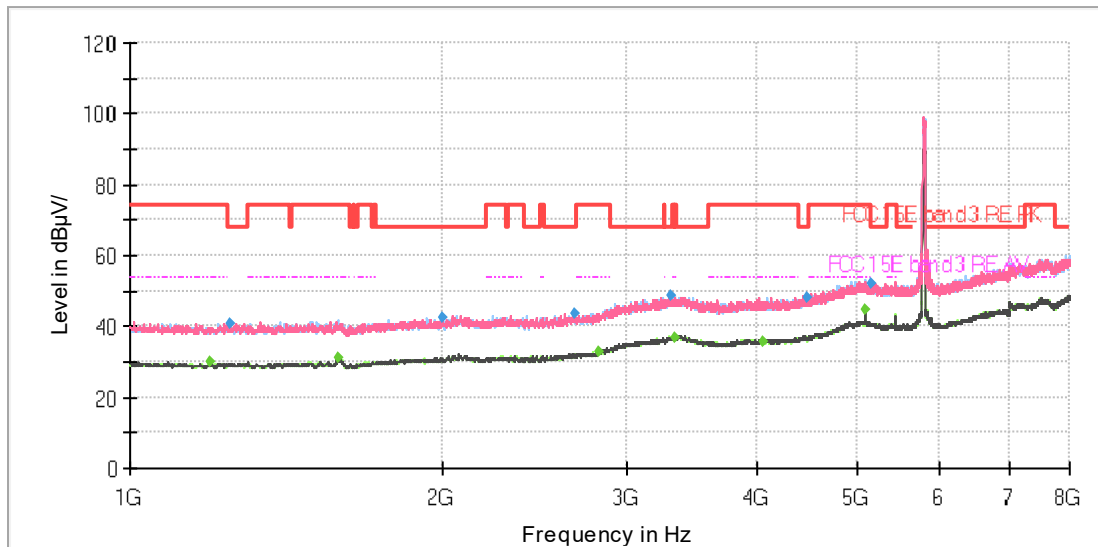
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1196.88	---	29.91	54.00	24.09	500.00	100.0	V	0.00
1252.88	41.09	---	68.20	27.11	500.00	100.0	H	61.00
1550.38	---	32.69	54.00	21.32	500.00	200.0	H	10.00
1971.25	42.02	---	68.20	26.18	500.00	100.0	H	112.00
2044.75	44.25	---	68.20	23.95	500.00	200.0	V	78.00
2816.50	---	33.14	54.00	20.86	500.00	100.0	H	1.00
3327.50	48.66	---	68.20	19.54	500.00	200.0	V	215.00
3334.50	---	37.10	54.00	16.90	500.00	100.0	V	357.00
4237.50	---	35.51	54.00	18.49	500.00	100.0	H	8.00
4467.63	47.98	---	68.20	20.22	500.00	200.0	H	316.00
5051.25	---	45.82	54.00	8.18	500.00	200.0	V	7.00
5649.75	52.66	---	68.20	15.54	500.00	100.0	V	346.00



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)
8786.25	50.97	---	68.20	17.23	500.00	100.0	H	0.00
9107.50	---	38.98	54.00	15.02	500.00	100.0	V	0.00
9313.75	---	39.20	54.00	14.80	500.00	100.0	H	1.00
9818.75	51.09	---	68.20	17.11	500.00	100.0	H	117.00
10398.75	52.29	---	68.20	15.91	500.00	200.0	V	63.00
11057.50	---	42.50	54.00	11.50	500.00	200.0	H	335.00
13343.75	---	42.50	54.00	11.50	500.00	100.0	H	301.00
13670.00	55.13	---	68.20	13.07	500.00	200.0	V	8.00
14155.00	56.45	---	68.20	11.75	500.00	200.0	H	1.00
14490.00	---	42.92	54.00	11.08	500.00	200.0	H	134.00
15980.00	---	38.54	54.00	15.46	500.00	100.0	H	1.00
17040.00	51.90	---	68.20	16.30	500.00	200.0	V	2.00

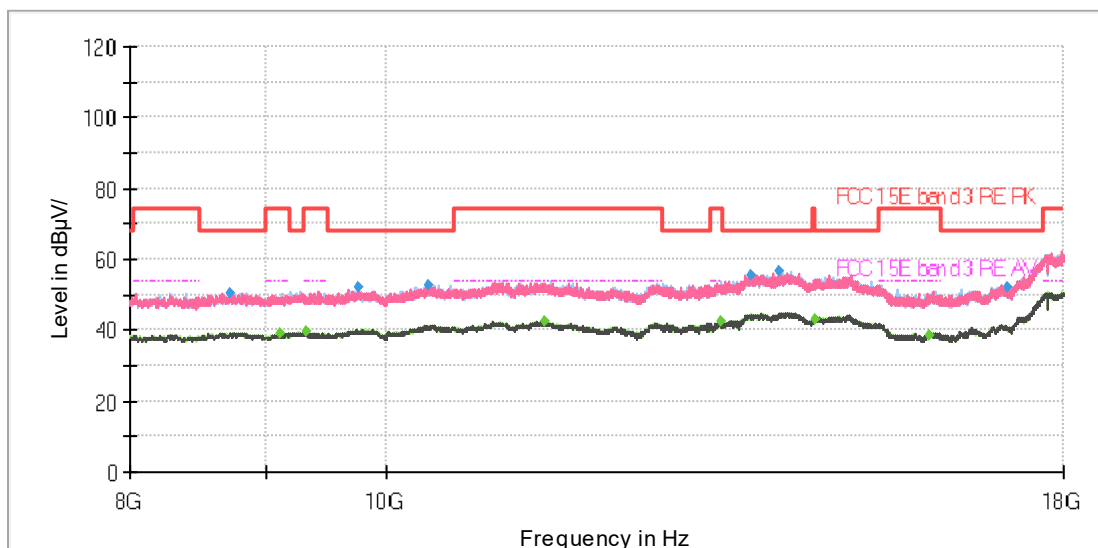
802.11n (HT40) CH159



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

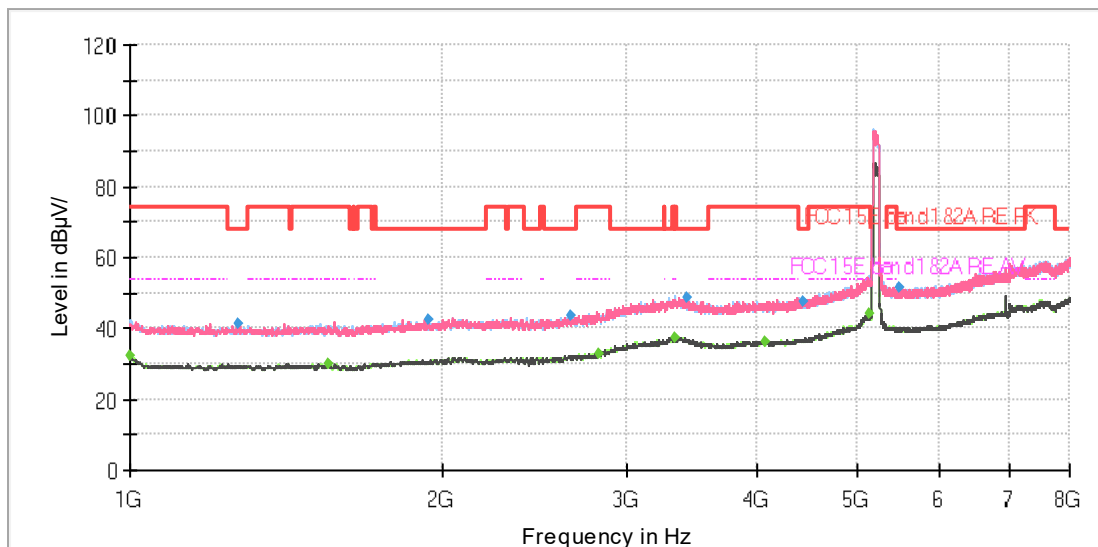
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1191.63	---	30.03	54.00	23.97	500.00	200.0	H	182.00
1248.50	40.84	---	68.20	27.36	500.00	100.0	V	316.00
1588.00	---	31.41	54.00	22.59	500.00	200.0	H	11.00
1994.88	42.38	---	68.20	25.82	500.00	200.0	V	8.00
2676.50	43.75	---	68.20	24.45	500.00	100.0	V	359.00
2818.25	---	33.07	54.00	20.93	500.00	100.0	H	56.00
3311.75	48.92	---	68.20	19.28	500.00	200.0	V	82.00
3337.13	---	37.00	54.00	17.00	500.00	100.0	H	39.00
4066.00	---	35.91	54.00	18.09	500.00	100.0	H	73.00
4466.75	48.17	---	68.20	20.03	500.00	200.0	H	318.00
5090.63	---	44.63	54.00	9.37	500.00	200.0	V	0.00
5161.50	52.11	---	68.20	16.09	500.00	200.0	H	354.00



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)
8720.00	50.55	---	68.20	17.65	500.00	200.0	H	173.00
9110.00	---	39.03	54.00	14.97	500.00	200.0	V	140.00
9316.25	---	39.38	54.00	14.62	500.00	200.0	V	116.00
9752.50	52.26	---	68.20	15.94	500.00	200.0	V	0.00
10371.25	52.54	---	68.20	15.66	500.00	200.0	V	161.00
11462.50	---	42.46	54.00	11.54	500.00	200.0	H	0.00
13368.75	---	42.34	54.00	11.66	500.00	100.0	H	27.00
13725.00	55.36	---	68.20	12.84	500.00	200.0	H	344.00
14050.00	56.48	---	68.20	11.72	500.00	200.0	V	0.00
14497.50	---	43.01	54.00	10.99	500.00	100.0	H	276.00
16030.00	---	38.29	54.00	15.71	500.00	100.0	H	252.00
17143.75	51.81	---	68.20	16.39	500.00	100.0	H	48.00

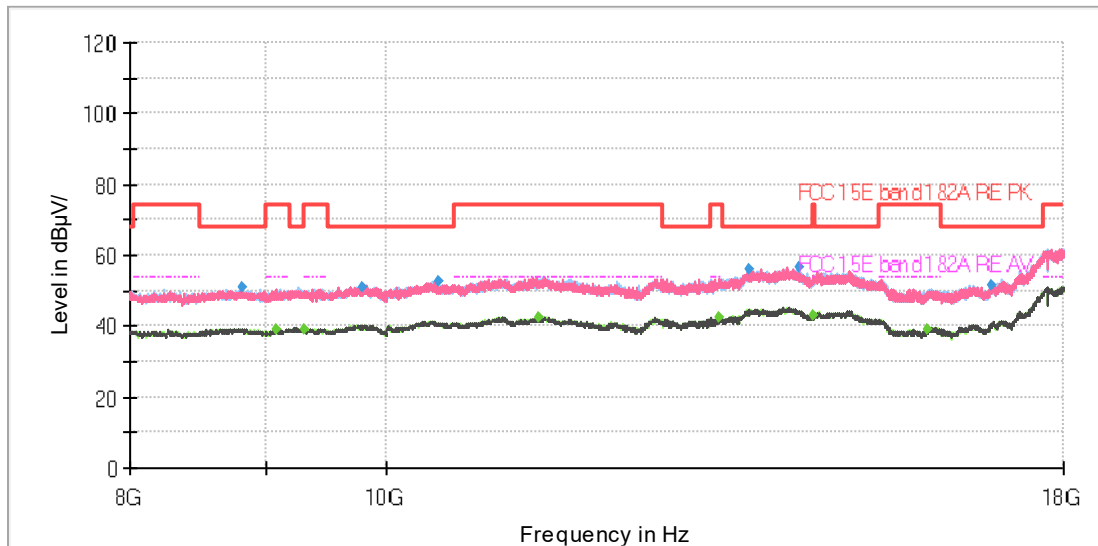
802.11ac (VHT80) CH42



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

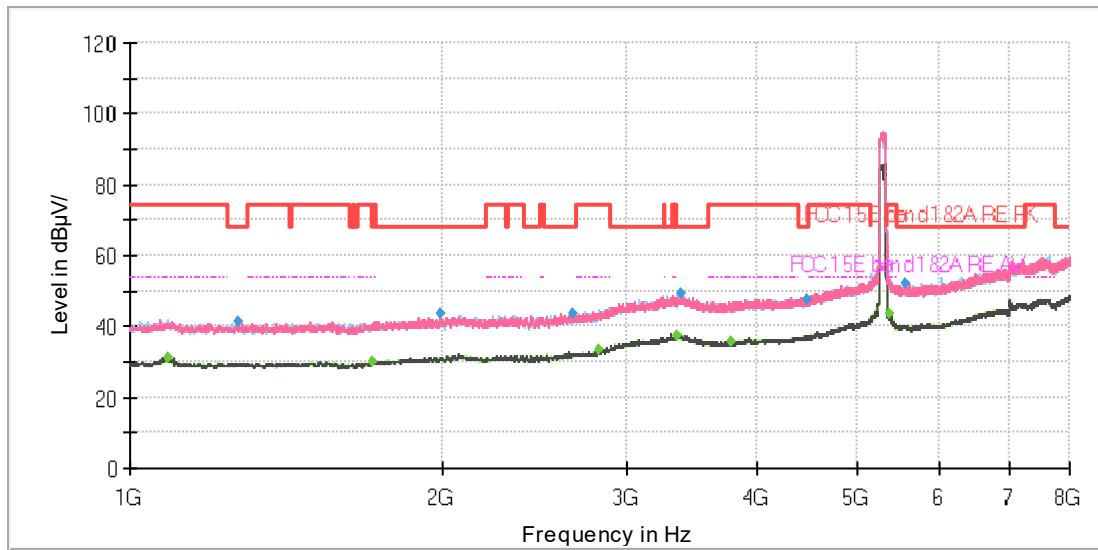
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1000.88	---	32.17	54.00	21.83	500.00	100.0	V	0.00
1271.25	41.05	---	68.20	27.15	500.00	200.0	V	38.00
1550.38	---	30.01	54.00	23.99	500.00	200.0	H	116.00
1937.13	42.65	---	68.20	25.55	500.00	100.0	V	72.00
2658.13	43.43	---	68.20	24.77	500.00	200.0	H	67.00
2823.50	---	32.96	54.00	21.04	500.00	200.0	H	213.00
3336.25	---	37.32	54.00	16.68	500.00	100.0	V	276.00
3423.75	48.84	---	68.20	19.36	500.00	200.0	V	193.00
4073.88	---	36.28	54.00	17.72	500.00	200.0	H	188.00
4444.00	47.61	---	68.20	20.59	500.00	200.0	H	273.00
5133.50	---	44.08	54.00	9.92	500.00	200.0	V	2.00
5478.25	51.71	---	68.20	16.49	500.00	200.0	V	50.00



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)
8816.25	51.17	---	68.20	17.03	500.00	200.0	V	88.00
9085.00	---	39.05	54.00	14.95	500.00	100.0	V	209.00
9313.75	---	39.29	54.00	14.71	500.00	100.0	H	40.00
9785.00	50.98	---	68.20	17.22	500.00	100.0	H	0.00
10455.00	52.76	---	68.20	15.44	500.00	200.0	H	0.00
11418.75	---	42.54	54.00	11.46	500.00	200.0	H	200.00
13343.75	---	42.39	54.00	11.61	500.00	100.0	V	356.00
13695.00	55.79	---	68.20	12.41	500.00	100.0	V	319.00
14306.25	56.78	---	68.20	11.42	500.00	100.0	H	0.00
14473.75	---	42.85	54.00	11.15	500.00	200.0	V	151.00
15983.75	---	38.89	54.00	15.11	500.00	200.0	H	358.00
16892.50	51.28	---	68.20	16.92	500.00	200.0	V	56.00

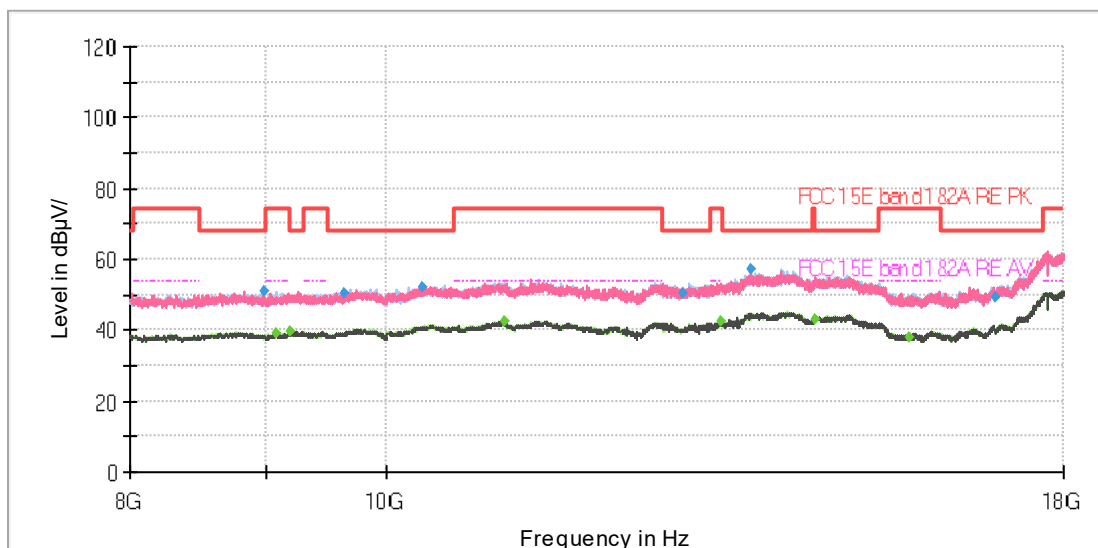
802.11ac (VHT80) CH58



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

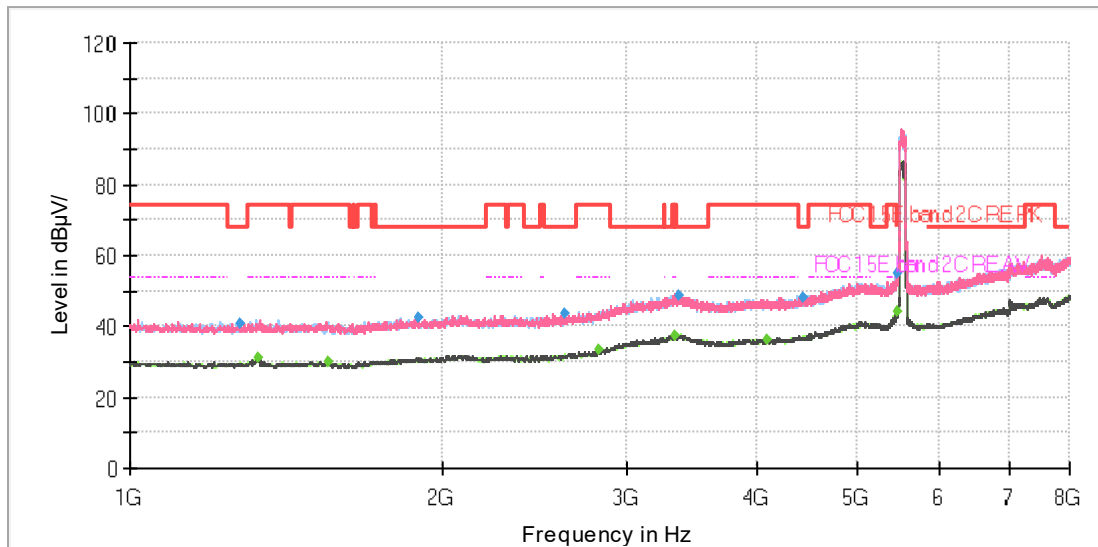
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1085.75	---	31.20	54.00	22.80	500.00	100.0	V	358.00
1269.50	41.42	---	68.20	26.78	500.00	200.0	V	81.00
1708.75	---	30.12	54.00	23.88	500.00	100.0	H	358.00
1988.75	43.40	---	68.20	24.80	500.00	200.0	V	165.00
2661.63	43.68	---	68.20	24.52	500.00	200.0	H	326.00
2816.50	---	33.33	54.00	20.67	500.00	200.0	V	9.00
3354.63	---	37.11	54.00	16.89	500.00	200.0	V	81.00
3387.88	49.29	---	68.20	18.91	500.00	200.0	H	348.00
3774.63	---	35.46	54.00	18.54	500.00	100.0	H	0.00
4466.75	47.76	---	68.20	20.44	500.00	100.0	V	193.00
5360.13	---	43.76	54.00	10.24	500.00	200.0	H	348.00
5567.50	52.02	---	68.20	16.18	500.00	100.0	H	86.00



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)
8982.50	51.14	---	68.20	17.06	500.00	200.0	V	168.00
9086.25	---	39.23	54.00	14.77	500.00	100.0	V	356.00
9188.75	---	39.44	54.00	14.56	500.00	200.0	H	96.00
9643.75	50.21	---	68.20	17.99	500.00	200.0	V	215.00
10307.50	52.33	---	68.20	15.87	500.00	200.0	V	119.00
11067.50	---	42.45	54.00	11.55	500.00	200.0	H	239.00
12933.75	50.52	---	68.20	17.68	500.00	100.0	H	10.00
13366.25	---	42.62	54.00	11.38	500.00	200.0	V	70.00
13720.00	57.12	---	68.20	11.08	500.00	100.0	V	192.00
14498.75	---	42.98	54.00	11.02	500.00	100.0	H	55.00
15743.75	---	37.69	54.00	16.31	500.00	100.0	H	55.00
16952.50	49.34	---	68.20	18.86	500.00	200.0	H	223.00

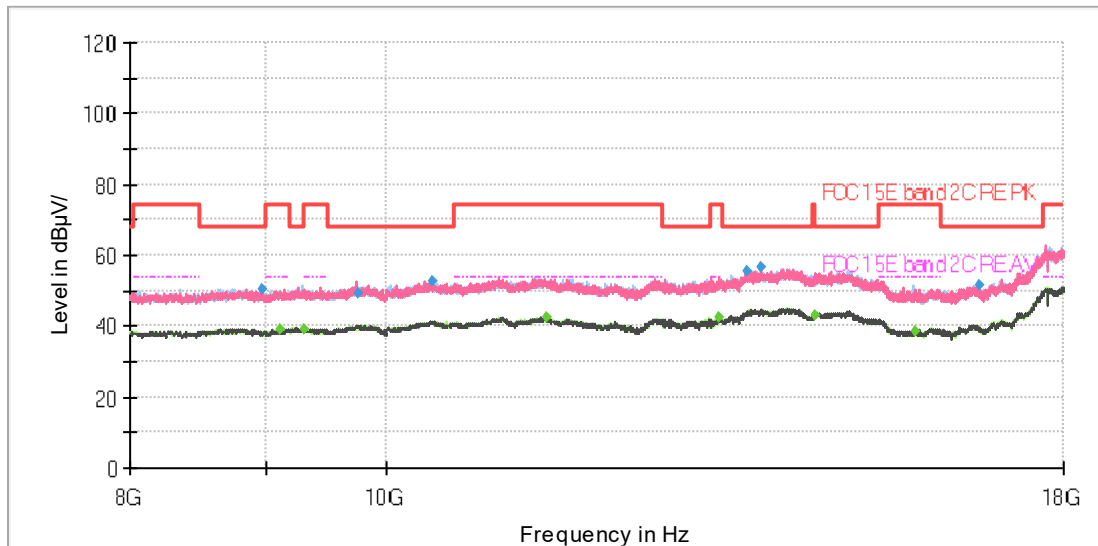
802.11ac (VHT80) CH106



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

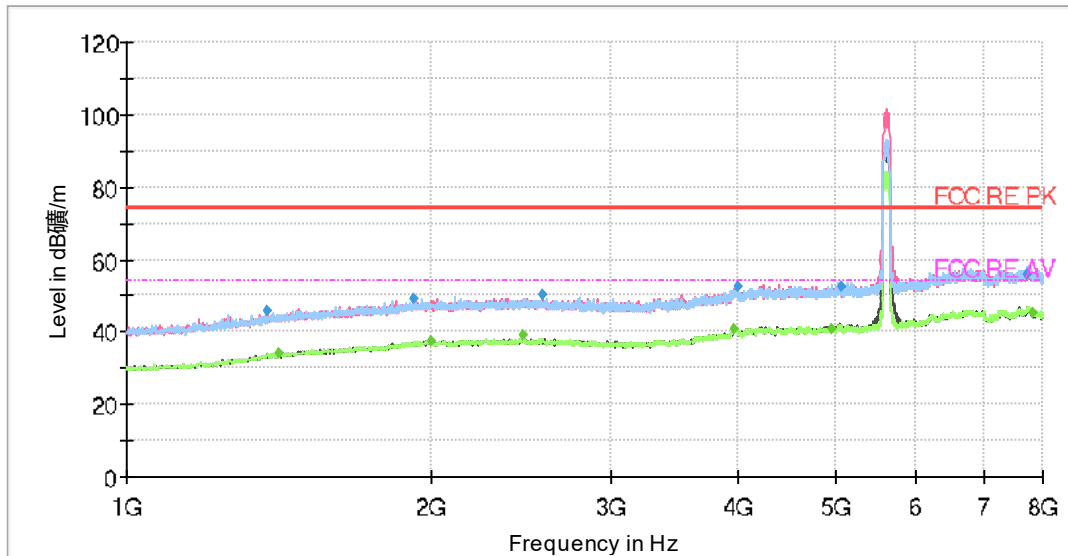
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1278.25	40.99	---	68.20	27.21	500.00	200.0	V	134.00
1328.13	---	31.37	54.00	22.63	500.00	200.0	V	349.00
1548.63	---	29.95	54.00	24.05	500.00	200.0	V	233.00
1890.75	42.60	---	68.20	25.60	500.00	200.0	H	260.00
2617.88	43.57	---	68.20	24.63	500.00	100.0	V	352.00
2818.25	---	33.13	54.00	20.87	500.00	100.0	H	77.00
3335.38	---	37.26	54.00	16.74	500.00	100.0	V	331.00
3365.13	48.84	---	68.20	19.36	500.00	100.0	H	4.00
4087.00	---	36.10	54.00	17.90	500.00	100.0	H	252.00
4439.63	48.32	---	68.20	19.88	500.00	100.0	V	294.00
5457.25	---	44.35	54.00	9.65	500.00	200.0	H	344.00
5466.88	54.82	---	68.20	13.38	500.00	100.0	H	349.00



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)
8976.25	50.64	---	68.20	17.56	500.00	200.0	V	54.00
9117.50	---	39.00	54.00	15.00	500.00	100.0	H	89.00
9313.75	---	39.28	54.00	14.72	500.00	100.0	V	225.00
9756.25	49.38	---	68.20	18.82	500.00	100.0	V	131.00
10412.50	52.53	---	68.20	15.67	500.00	200.0	H	286.00
11497.50	---	42.61	54.00	11.39	500.00	100.0	H	25.00
13342.50	---	42.45	54.00	11.55	500.00	200.0	H	190.00
13675.00	55.45	---	68.20	12.75	500.00	100.0	H	41.00
13835.00	56.40	---	68.20	11.80	500.00	200.0	V	69.00
14500.00	---	42.97	54.00	11.03	500.00	200.0	H	359.00
15830.00	---	38.35	54.00	15.65	500.00	200.0	H	47.00
16742.50	51.38	---	68.20	16.82	500.00	200.0	V	101.00

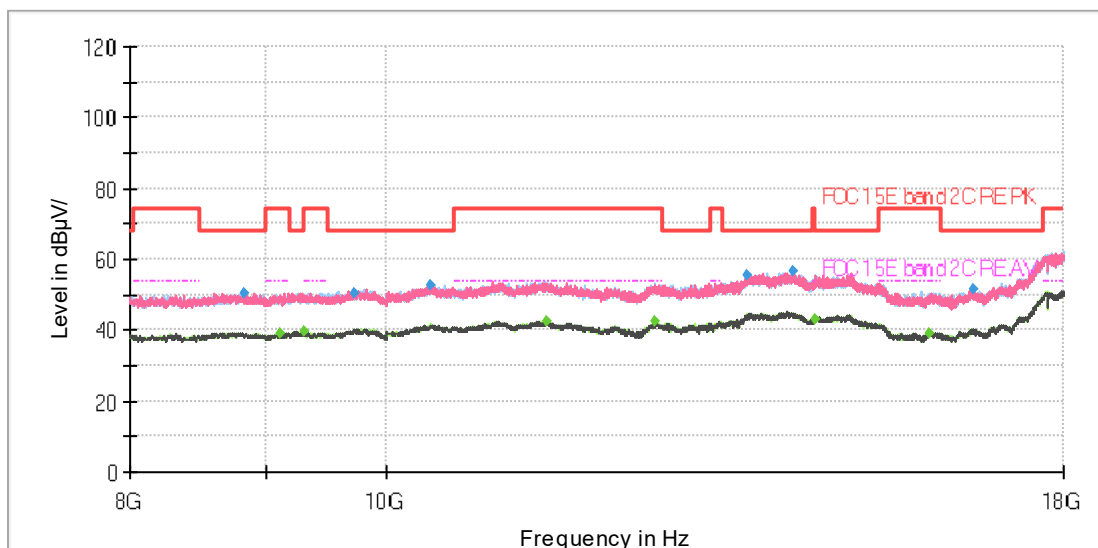
802.11ac (VHT80) CH122



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

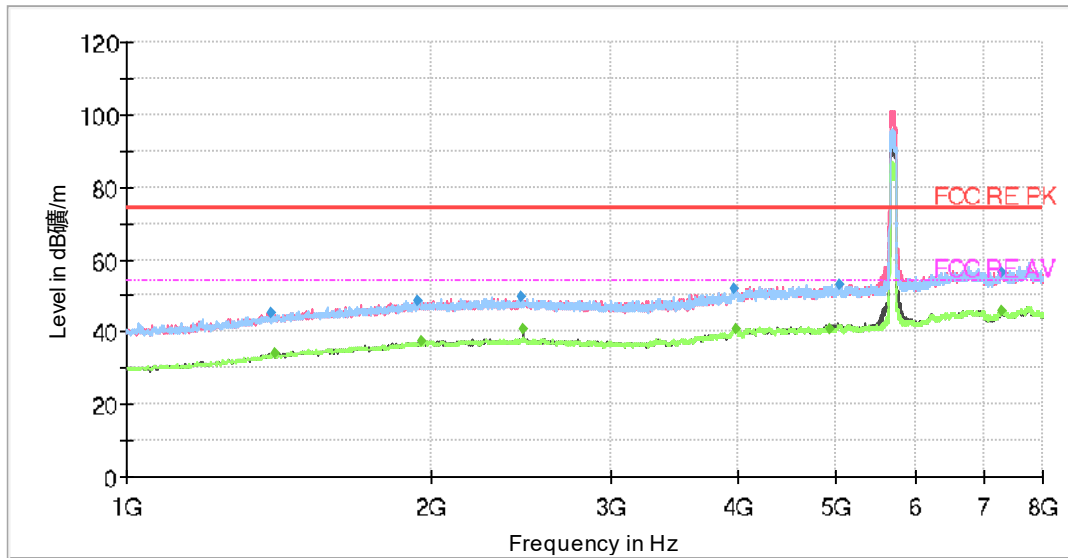
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1374.50	45.68	---	74.00	28.32	500.00	100.0	V	75.00
1413.00	---	34.06	54.00	19.94	500.00	100.0	H	240.00
1918.75	49.29	---	74.00	24.71	500.00	200.0	V	127.00
1993.13	---	37.46	54.00	16.54	500.00	200.0	V	112.00
2463.00	---	39.29	54.00	14.71	500.00	200.0	H	338.00
2571.50	50.10	---	74.00	23.90	500.00	200.0	V	255.00
3978.50	---	40.83	54.00	13.17	500.00	200.0	V	29.00
3998.63	52.47	---	74.00	21.53	500.00	100.0	H	0.00
4949.75	---	40.98	54.00	13.02	500.00	100.0	V	191.00
5058.25	52.69	---	74.00	21.31	500.00	100.0	V	342.00
7713.88	56.05	---	74.00	17.95	500.00	100.0	V	0.00
7827.63	---	45.12	54.00	8.88	500.00	100.0	H	38.00



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)
8838.75	50.32	---	68.20	17.88	500.00	200.0	H	63.00
9115.00	---	39.24	54.00	14.76	500.00	200.0	H	359.00
9303.75	---	39.54	54.00	14.46	500.00	100.0	V	135.00
9717.50	50.25	---	68.20	17.95	500.00	100.0	H	199.00
10381.25	52.56	---	68.20	15.64	500.00	200.0	H	348.00
11493.75	---	42.61	54.00	11.39	500.00	100.0	V	312.00
12621.25	---	42.40	54.00	11.60	500.00	200.0	H	95.00
13666.25	55.21	---	68.20	12.99	500.00	100.0	H	47.00
14228.75	56.81	---	68.20	11.39	500.00	200.0	H	240.00
14495.00	---	43.24	54.00	10.76	500.00	100.0	V	343.00
16012.50	---	39.19	54.00	14.81	500.00	200.0	H	63.00
16650.00	51.73	---	68.20	16.47	500.00	200.0	V	288.00

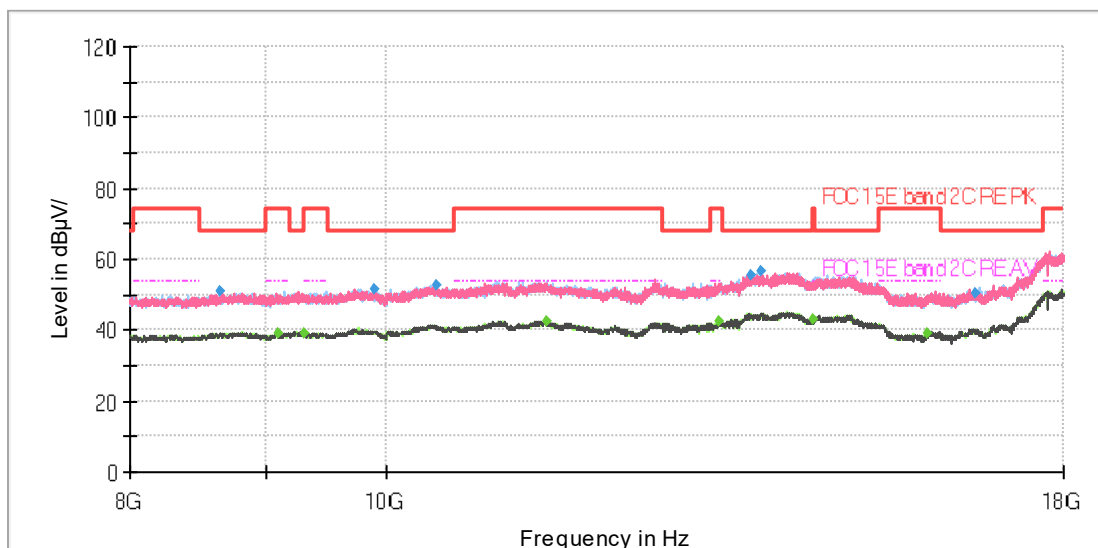
802.11ac (VHT80) CH138



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

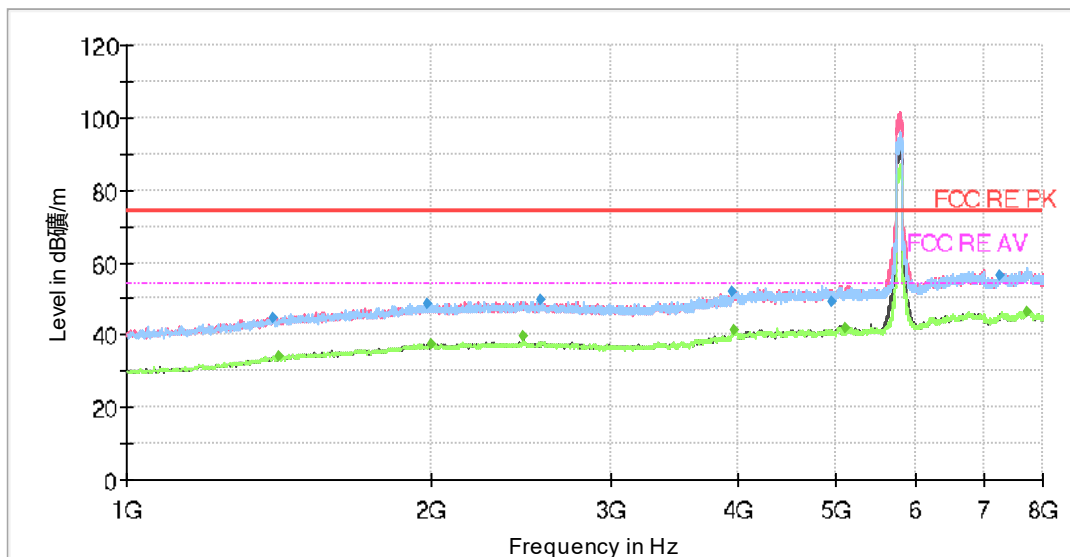
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
1390.25	44.99	---	74.00	29.01	500.00	200.0	H	7.00
1403.38	---	33.95	54.00	20.05	500.00	100.0	V	117.00
1939.75	48.58	---	74.00	25.42	500.00	200.0	H	2.00
1954.63	---	37.43	54.00	16.57	500.00	200.0	H	160.00
2454.25	49.81	---	74.00	24.19	500.00	200.0	V	324.00
2463.00	---	40.83	54.00	13.17	500.00	100.0	V	146.00
3968.00	51.86	---	74.00	22.14	500.00	100.0	V	74.00
3987.25	---	41.00	54.00	13.00	500.00	100.0	H	324.00
4943.63	---	40.73	54.00	13.27	500.00	100.0	V	24.00
5048.63	52.88	---	74.00	21.12	500.00	100.0	H	222.00
7297.38	56.38	---	74.00	17.62	500.00	200.0	V	324.00
7302.63	---	45.97	54.00	8.03	500.00	200.0	V	359.00



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)
8656.25	50.87	---	68.20	17.33	500.00	200.0	H	349.00
9098.75	---	39.15	54.00	14.85	500.00	200.0	V	0.00
9301.25	---	39.30	54.00	14.70	500.00	100.0	V	320.00
9886.25	51.26	---	68.20	16.94	500.00	200.0	H	320.00
10445.00	52.60	---	68.20	15.60	500.00	200.0	V	0.00
11491.25	---	42.73	54.00	11.27	500.00	200.0	V	2.00
13351.25	---	42.18	54.00	11.82	500.00	200.0	V	8.00
13722.50	55.52	---	68.20	12.68	500.00	200.0	V	231.00
13831.25	56.41	---	68.20	11.79	500.00	100.0	V	258.00
14493.75	---	43.25	54.00	10.75	500.00	200.0	V	0.00
16002.50	---	38.83	54.00	15.17	500.00	200.0	H	335.00
16681.25	50.22	---	68.20	17.98	500.00	100.0	H	0.00

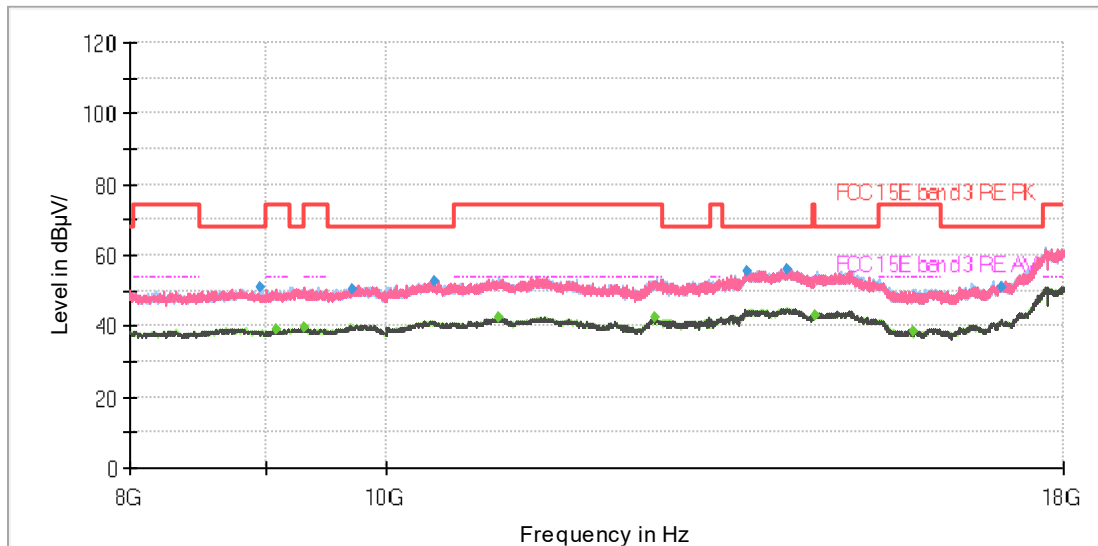
802.11ac (VHT80) CH155



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)
1396.38	44.81	---	74.00	29.19	500.00	200.0	H	19.00
1413.88	---	34.11	54.00	19.89	500.00	100.0	V	15.00
1981.75	48.72	---	74.00	25.28	500.00	100.0	H	358.00
1998.38	---	37.60	54.00	16.40	500.00	200.0	V	178.00
2461.25	---	39.70	54.00	14.30	500.00	200.0	V	314.00
2565.38	49.74	---	74.00	24.26	500.00	200.0	H	0.00
3961.00	51.77	---	74.00	22.24	500.00	200.0	V	92.00
3978.50	---	41.09	54.00	12.91	500.00	100.0	H	103.00
4965.50	49.26	---	74.00	24.74	500.00	100.0	H	288.00
5122.13	---	42.07	54.00	11.93	500.00	200.0	V	348.00
7266.75	56.28	---	74.00	17.72	500.00	200.0	V	354.00
7720.00	---	46.28	54.00	7.72	500.00	200.0	V	0.00



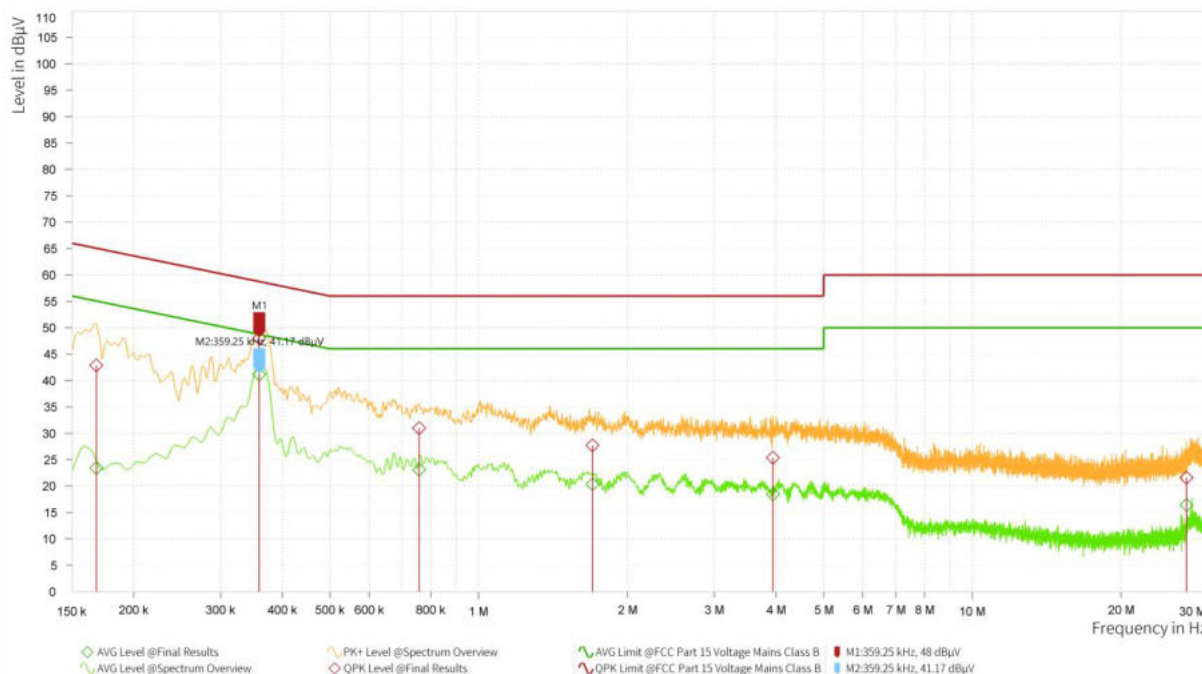
Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
8953.75	51.02	---	68.20	17.18	500.00	200.0	H	1.00
9091.25	---	39.05	54.00	14.95	500.00	100.0	H	0.00
9313.75	---	39.62	54.00	14.38	500.00	200.0	H	203.00
9708.75	50.39	---	68.20	17.81	500.00	200.0	H	0.00
10421.25	52.73	---	68.20	15.47	500.00	100.0	V	0.00
11028.75	---	42.44	54.00	11.56	500.00	200.0	H	180.00
12627.50	---	42.34	54.00	11.66	500.00	200.0	H	225.00
13666.25	55.70	---	68.20	12.50	500.00	100.0	H	254.00
14150.00	56.28	---	68.20	11.92	500.00	200.0	H	225.00
14497.50	---	43.26	54.00	10.74	500.00	200.0	H	203.00
15805.00	---	38.35	54.00	15.65	500.00	200.0	H	336.00
17041.25	50.90	---	68.20	17.30	500.00	100.0	H	96.00

2. Conducted Emission

2.1. Wi-Fi 5GHz

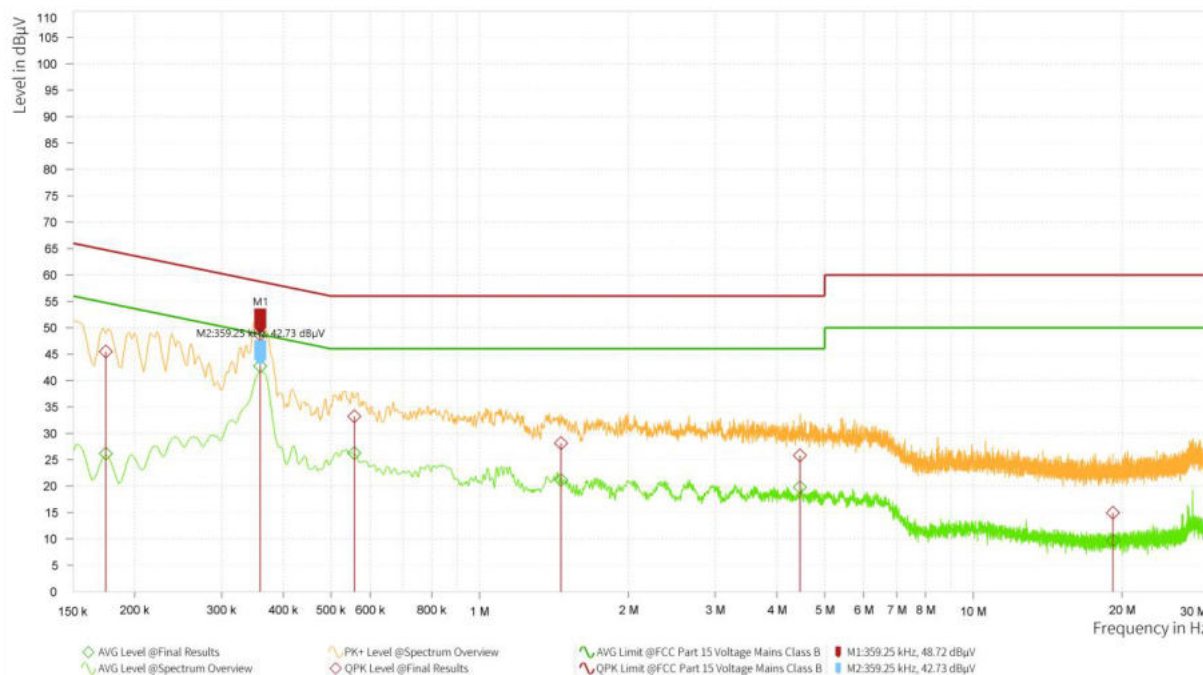
During the test, the Conducted Emission was performed in all modes with all channels. The test data of the worst-case condition (**802.11a CH36**) was recorded in this report.



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]
0.168	42.87	65.06	22.19	23.43	55.06	31.63	20.89	L1	9.000	1.000
0.359	48.00	58.75	10.75	41.17	48.75	7.58	20.91	L1	9.000	1.000
0.758	30.99	56.00	25.01	23.10	46.00	22.90	20.37	L1	9.000	1.000
1.700	27.72	56.00	28.28	20.37	46.00	25.63	19.75	L1	9.000	1.000
3.946	25.39	56.00	30.61	18.47	46.00	27.53	19.43	L1	9.000	1.000
27.159	21.58	60.00	38.42	16.43	50.00	33.57	19.81	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]
0.175	45.51	64.73	19.22	26.14	54.73	28.60	21.04	N	9.000	1.000
0.359	48.72	58.75	10.03	42.73	48.75	6.01	20.92	N	9.000	1.000
0.557	33.23	56.00	22.77	26.21	46.00	19.79	20.73	N	9.000	1.000
1.462	28.11	56.00	27.89	21.14	46.00	24.86	19.87	N	9.000	1.000
4.457	25.81	56.00	30.19	19.80	46.00	26.20	19.42	N	9.000	1.000
19.178	14.93	60.00	45.07	9.74	50.00	40.26	19.68	N	9.000	1.000

Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 kHz to 30 MHz