

ANNEX A: Test Result

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

1. Unwanted Emission

1.1. Wi-Fi 5GHz

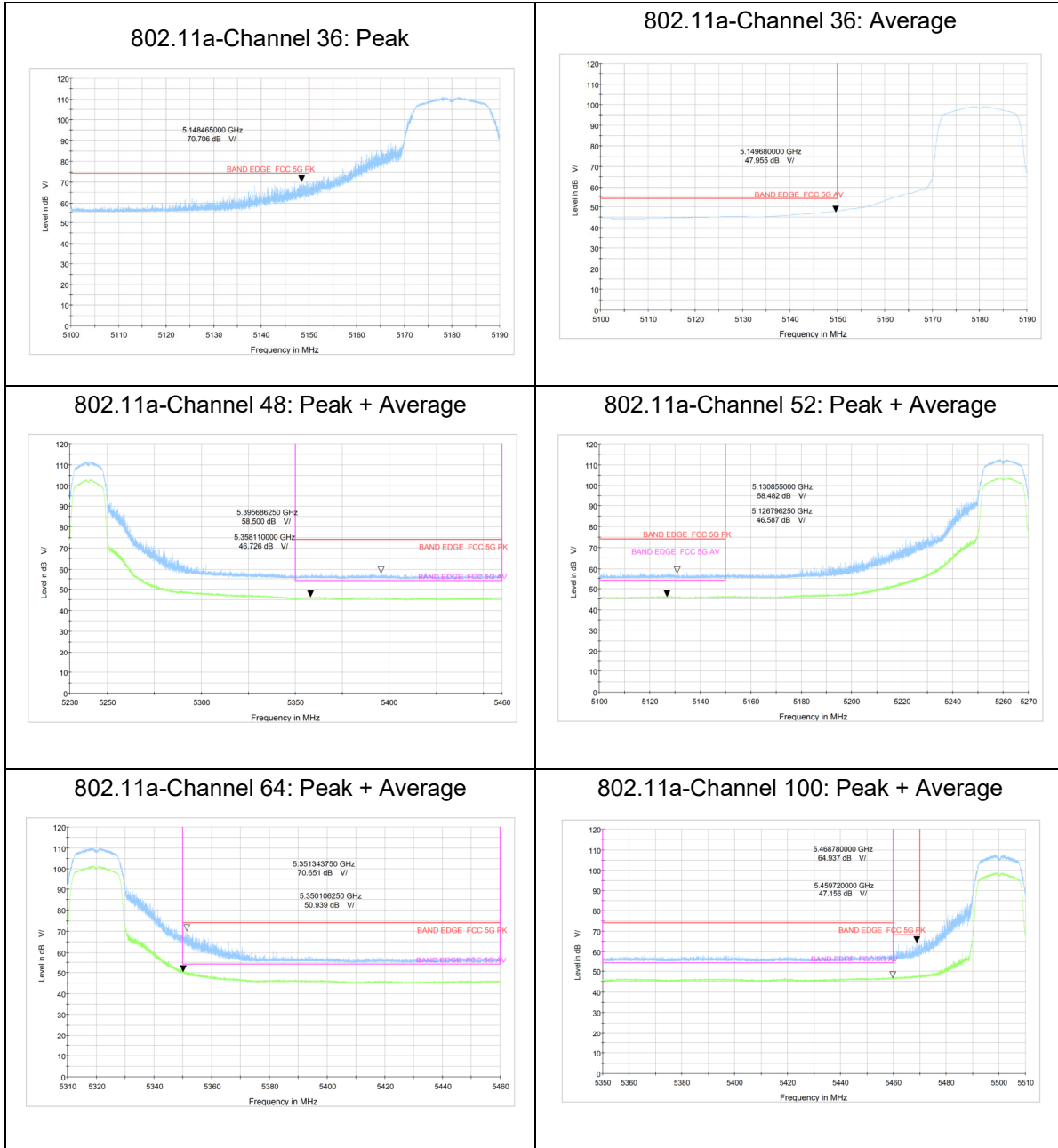
The following graphs display the maximum values of horizontal and vertical by software.

Blue trace uses the peak detection, Green trace uses the average detection.

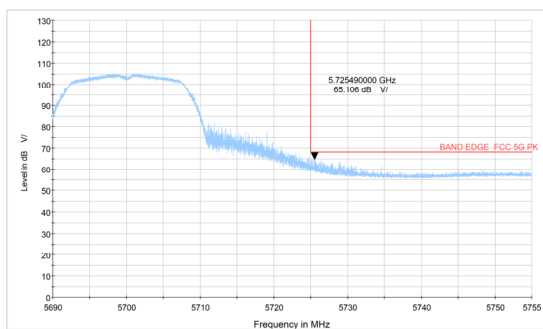
A symbol ($\text{dB } \mu\text{V/m}$) in the test plot below means (dB $\mu\text{V/m}$)

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

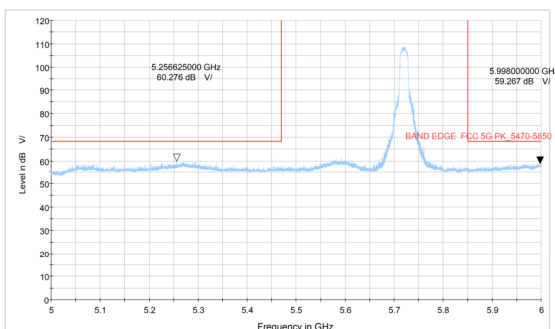
The signal beyond the limit is carrier.



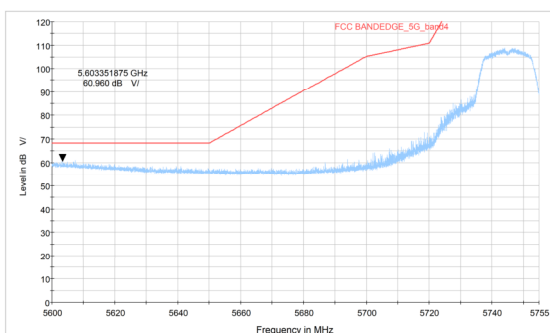
802.11a-Channel 140: Peak



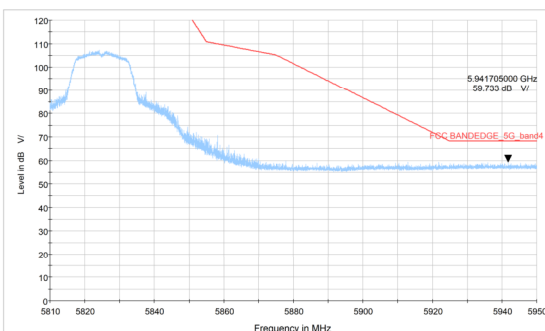
802.11a-Channel 144: Peak



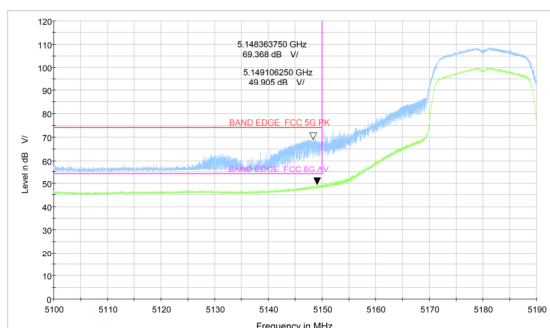
802.11a-Channel 149: Peak



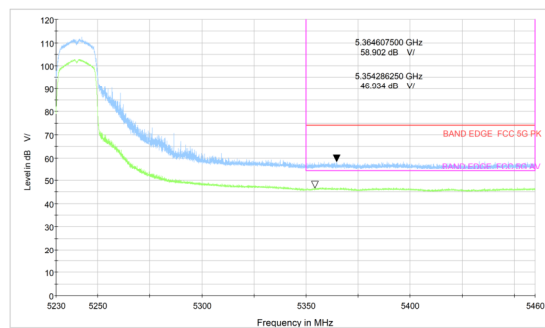
802.11a-Channel 165: Peak



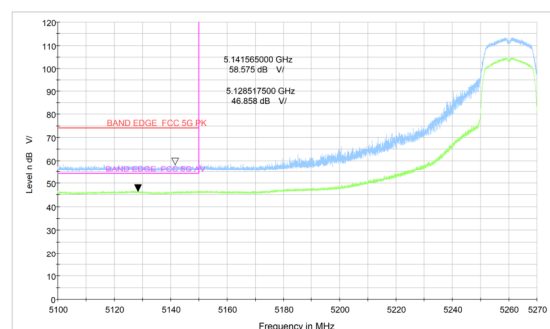
802.11n HT20-Channel 36: Peak + Average



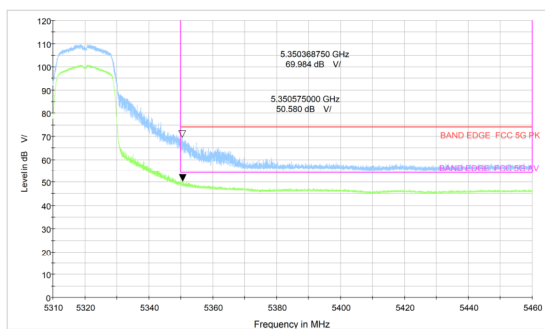
802.11n HT20-Channel 48: Peak + Average



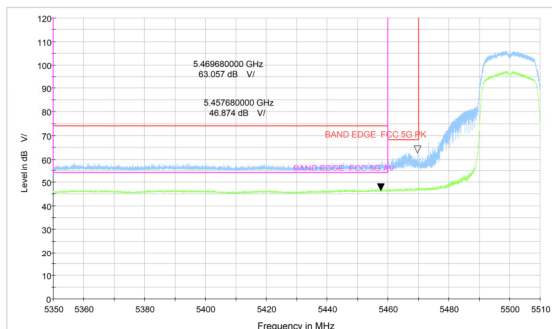
802.11n HT20-Channel 52: Peak + Average



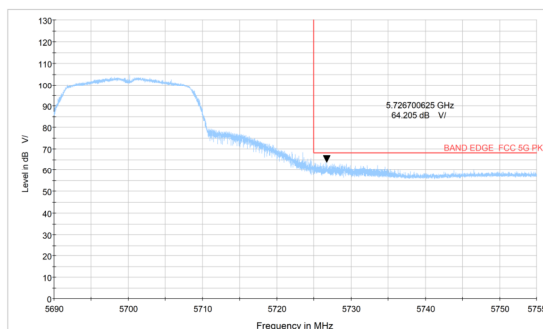
802.11n HT20-Channel 64: Peak + Average



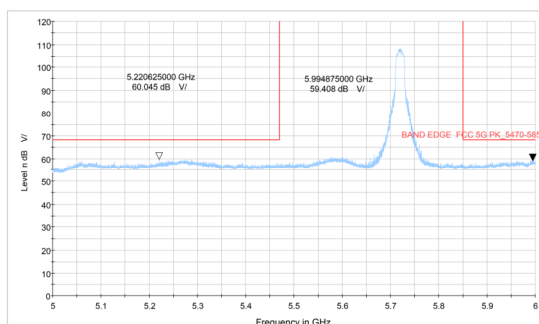
802.11n HT20-Channel 100: Peak + Average



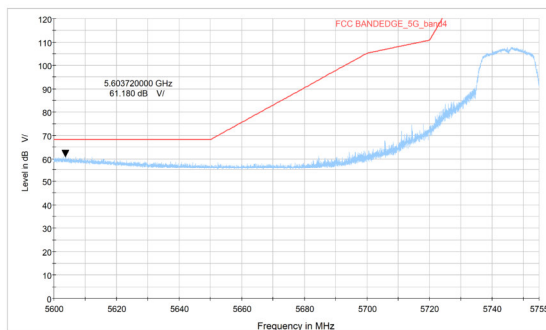
802.11n HT20-Channel 140: Peak



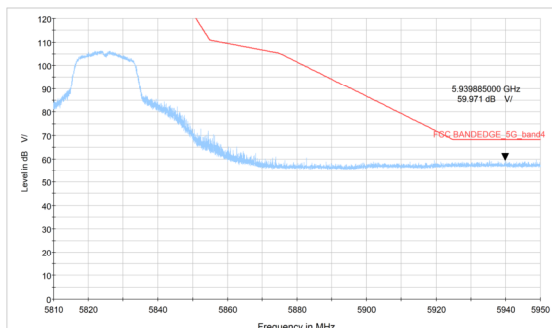
802.11n HT20-Channel 144: Peak



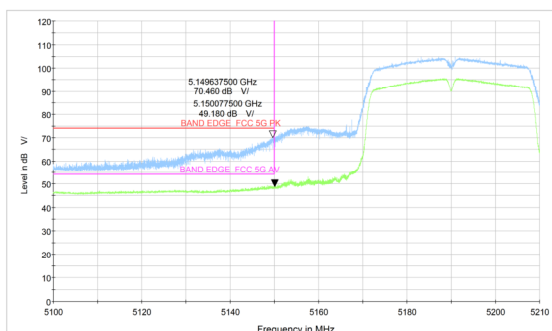
802.11n HT20-Channel 149: Peak



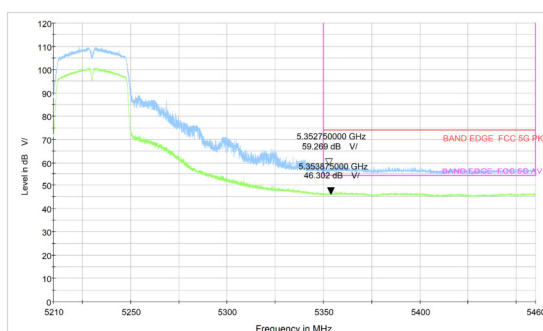
802.11n HT20-Channel 165: Peak



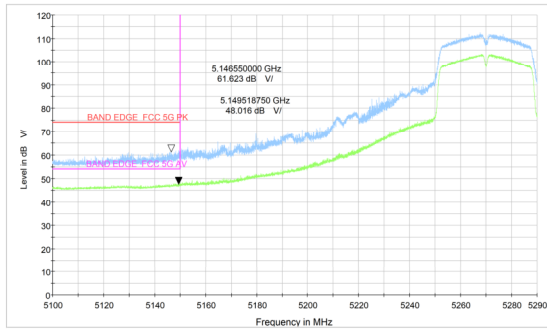
802.11n HT40-Channel 38: Peak + Average



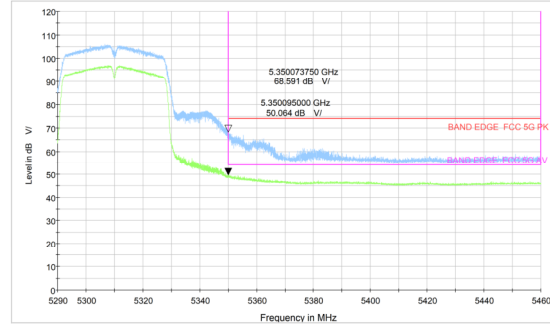
802.11n HT40-Channel 46: Peak + Average



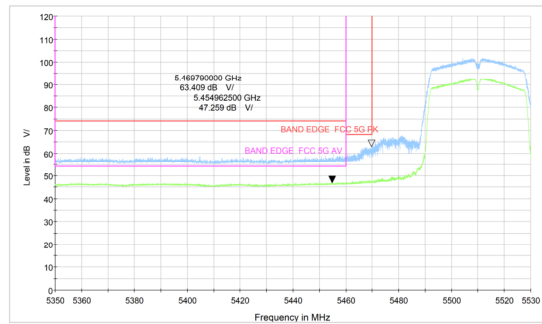
802.11n HT40-Channel 54: Peak + Average



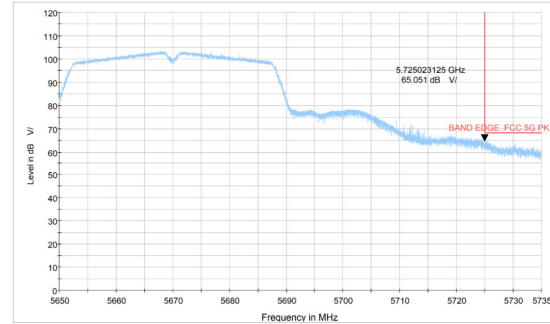
802.11n HT40-Channel 62: Peak + Average



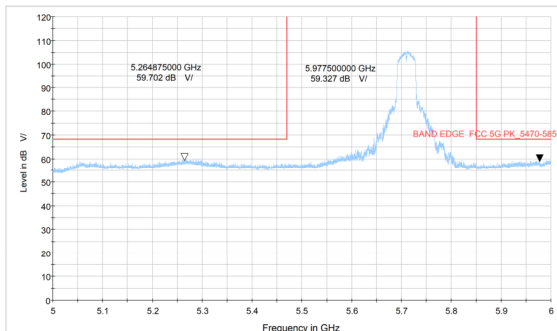
802.11n HT40-Channel 102: Peak + Average



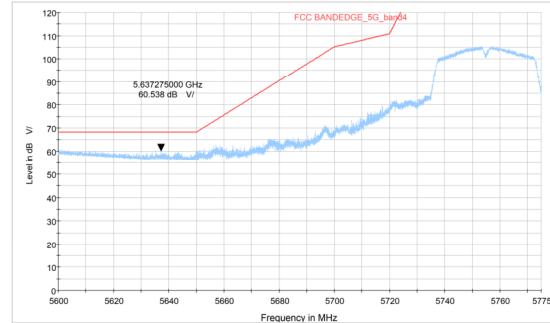
802.11n HT40-Channel 134: Peak



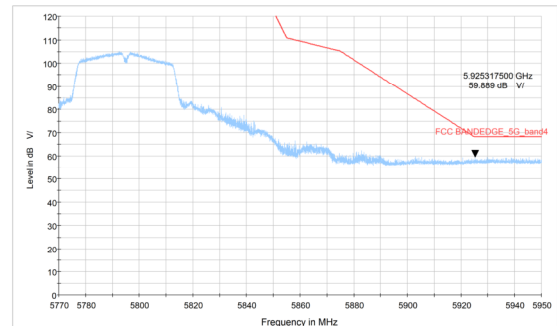
802.11n HT40-Channel 142: Peak



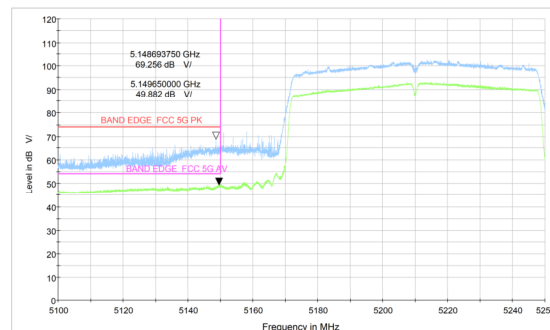
802.11n HT40-Channel 151: Peak



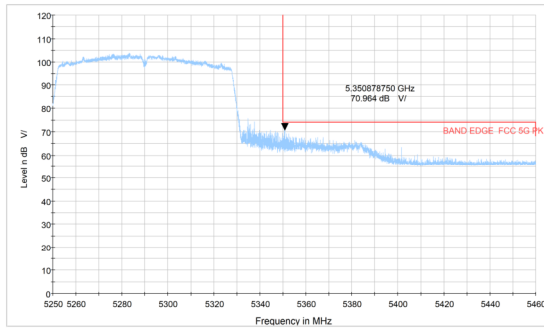
802.11n HT40-Channel 159: Peak



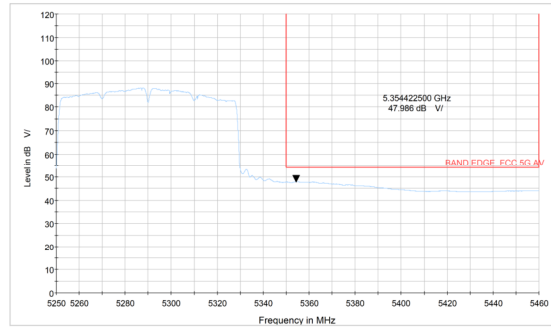
802.11ac VHT80 -Channel 42: Peak + Average



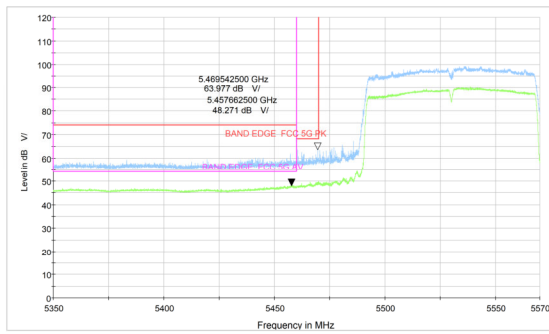
802.11ac VHT80 –Channel 58: Peak



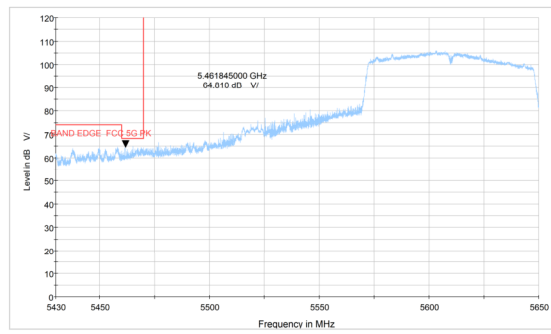
802.11ac VHT80 –Channel 58: Average



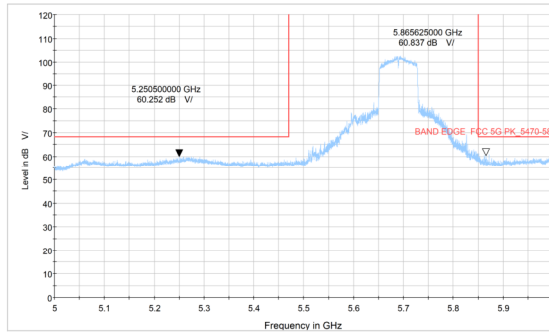
802.11ac VHT80-Channel 106: Peak + Average



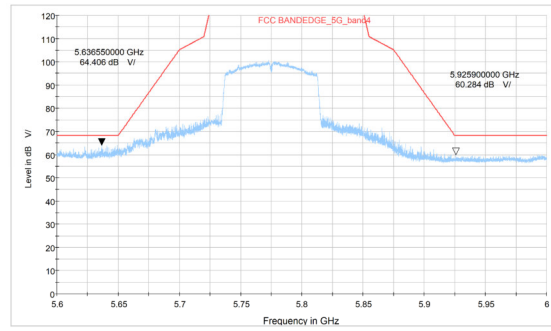
802.11ac VHT80- Channel 122: Peak



802.11ac VHT80-Channel 138: Peak



802.11ac VHT80- Channel 155: Peak



Result of RE

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

Remark:

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

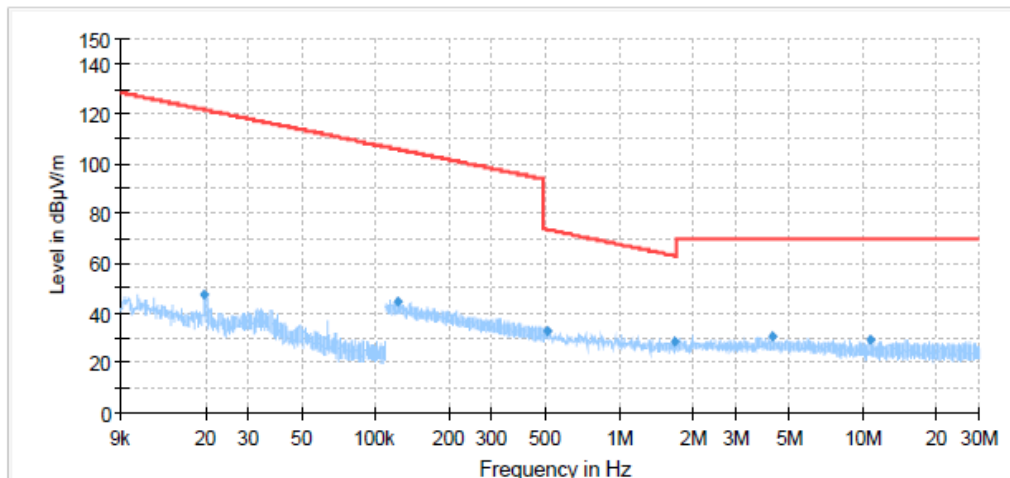
 QP Level @Spectrum Overview H
  QP Level @Spectrum Overview V
  QP Level @Final Results
  QP Limit

For above 1GHz

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

Continuous TX mode:

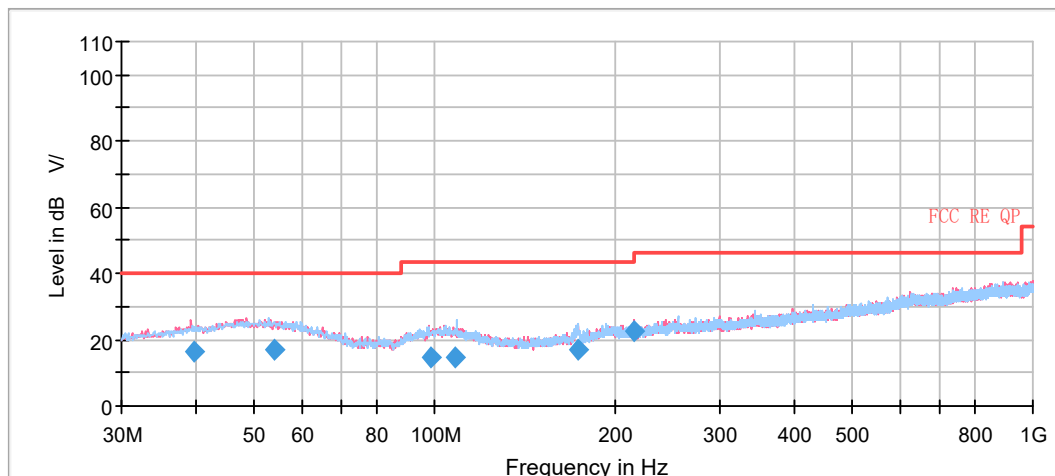
During the test, the Radiates Emission from 9kHz to 1GHz was performed in all modes with all channels. The test data of the worst-case condition (802.11n (HT20) CH60) was recorded in this report.



Final Result

Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Azimuth (deg)	Corr. (dB/m)
0.02	47.27	121.69	74.42	500.00	173.00	17
0.12	44.84	105.78	60.94	150.00	358.00	17
0.51	32.85	73.48	40.63	150.00	333.00	17
1.68	28.92	63.08	34.16	150.00	359.00	17
4.25	30.52	69.50	38.98	150.00	34.00	17
10.80	29.24	69.50	40.26	150.00	310.00	17

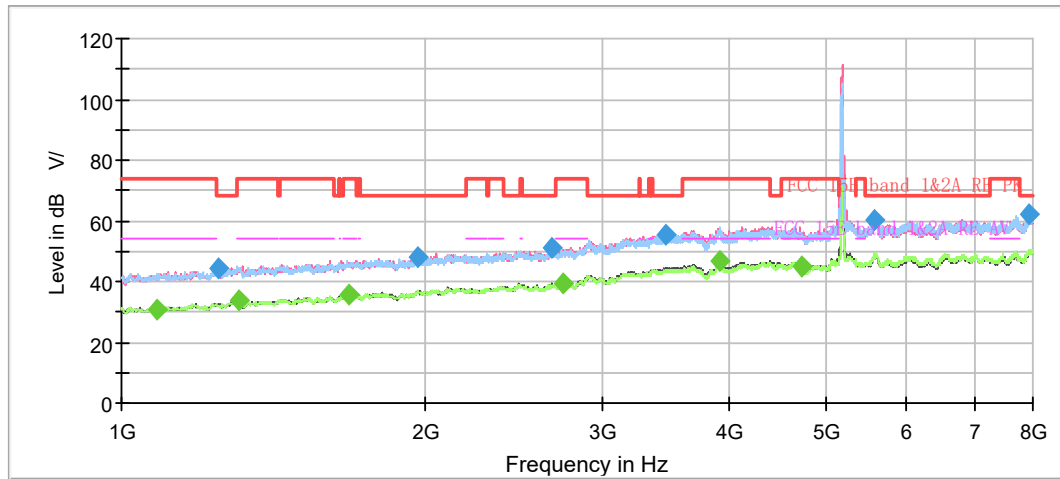
Radiates Emission from 9kHz to 30MHz



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
39.695000	16.10	40.00	23.90	101.0	V	73.0	19.8
54.133750	16.85	40.00	23.15	225.0	V	292.0	20.9
98.742500	14.57	43.50	28.93	119.0	V	80.0	19.0
108.332500	14.47	43.50	29.03	115.0	H	216.0	18.9
174.005000	16.81	43.50	26.69	199.0	H	0.0	20.2
215.997500	22.37	43.50	21.13	200.0	V	307.0	18.6

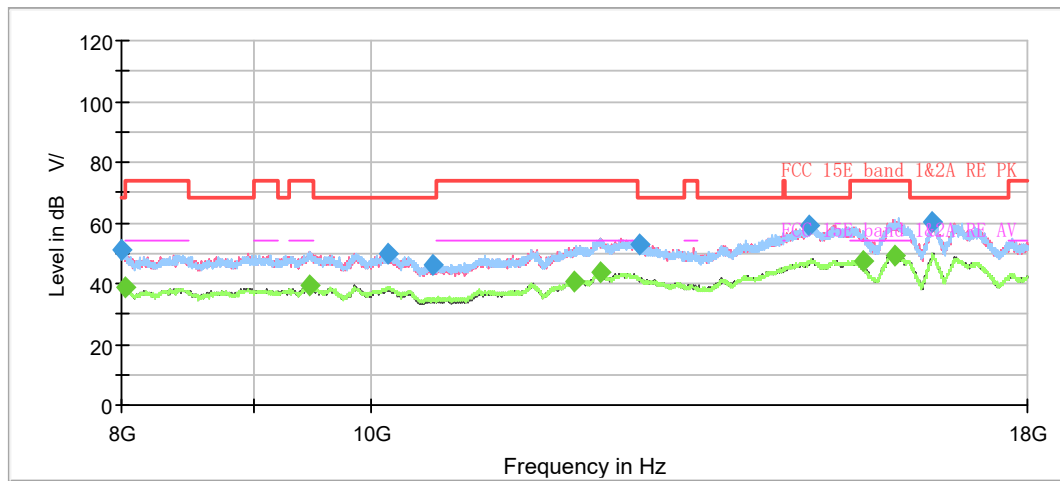
802.11a CH36



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

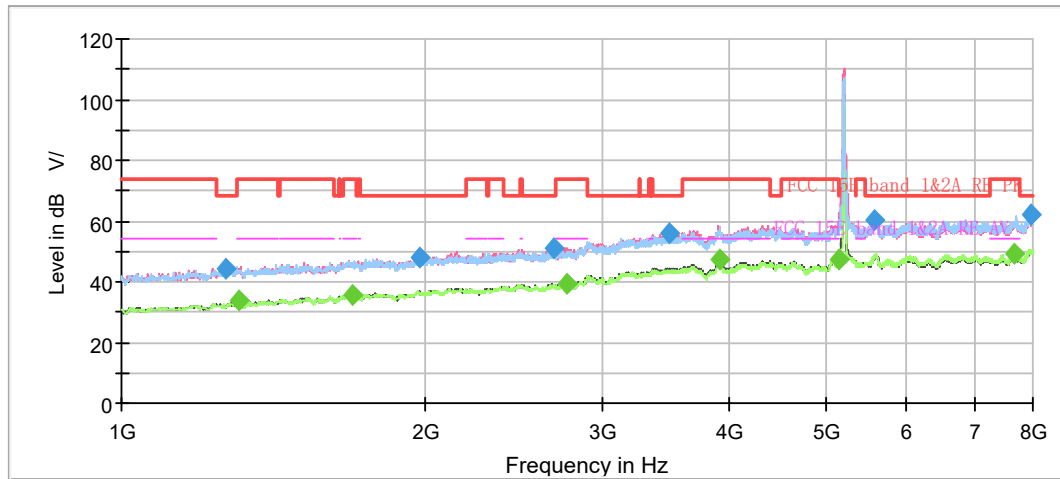
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1083.125000	---	30.65	54.00	23.35	500.0	100.0	V	0.0	-5.6
1245.875000	44.25	---	68.20	23.95	500.0	100.0	V	101.0	-3.6
1308.000000	---	33.75	54.00	20.25	500.0	100.0	V	0.0	-2.0
1679.875000	---	35.53	54.00	18.47	500.0	200.0	H	145.0	0.4
1963.375000	47.86	---	68.20	20.34	500.0	100.0	V	49.0	2.1
2673.875000	50.88	---	68.20	17.32	500.0	200.0	V	125.0	5.6
2742.125000	---	39.37	54.00	14.63	500.0	200.0	H	17.0	5.7
3460.500000	55.69	---	68.20	12.51	500.0	200.0	V	314.0	10.2
3908.500000	---	46.94	54.00	7.06	500.0	200.0	V	0.0	13.7
4724.875000	---	45.07	54.00	8.93	500.0	100.0	V	297.0	13.1
5574.500000	60.54	---	68.20	7.66	500.0	200.0	H	239.0	17.3
7930.000000	61.87	---	68.20	6.33	500.0	200.0	H	30.0	19.9



Radiates Emission from 8GHz to 18GHz

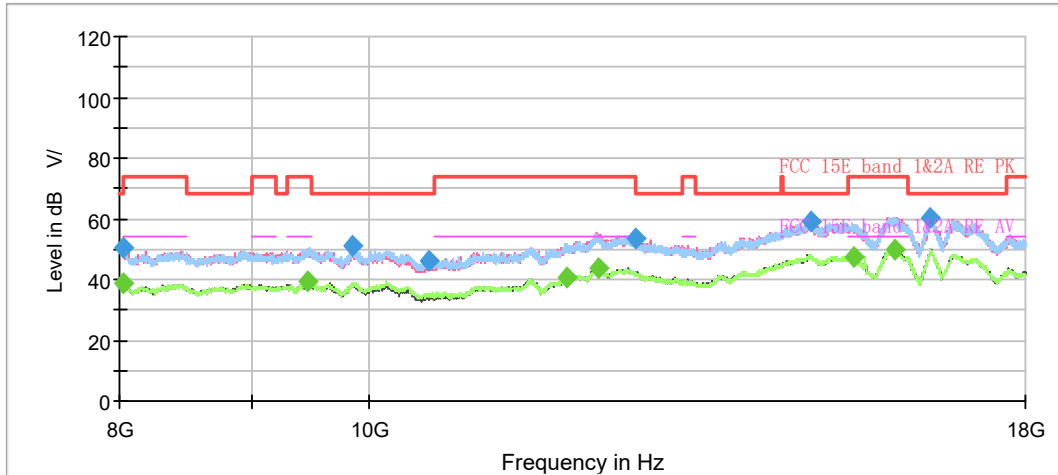
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8003.750000	51.31	---	68.20	16.89	500.0	100.0	V	320.0	9.8
8030.000000	---	38.86	54.00	15.14	500.0	200.0	V	174.0	8.8
9468.750000	---	39.35	54.00	14.65	500.0	200.0	V	332.0	9.4
10161.250000	49.68	---	68.20	18.52	500.0	100.0	H	0.0	9.3
10575.000000	46.30	---	68.20	21.90	500.0	200.0	H	99.0	6.7
11991.250000	---	40.47	54.00	13.53	500.0	100.0	H	72.0	11.9
12281.250000	---	43.94	54.00	10.06	500.0	100.0	V	279.0	14.5
12711.250000	53.15	---	68.20	15.05	500.0	200.0	V	293.0	12.8
14820.000000	59.12	---	68.20	9.08	500.0	200.0	V	305.0	19.3
15542.500000	---	47.52	54.00	6.48	500.0	200.0	H	17.0	15.2
15976.250000	---	49.54	54.00	4.46	500.0	200.0	V	78.0	19.8
16542.500000	60.44	---	68.20	7.76	500.0	200.0	H	0.0	20.8

802.11a CH40



Radiates Emission from 1GHz to 8GHz

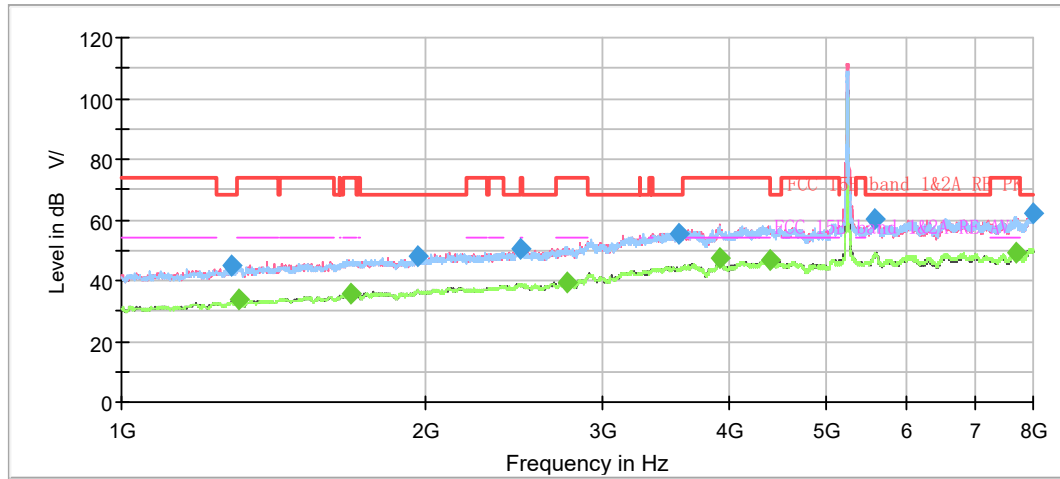
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1267.750000	44.27	---	68.20	23.93	500.0	100.0	H	291.0	-3.8
1307.125000	---	33.68	54.00	20.32	500.0	200.0	V	278.0	-2.1
1697.375000	---	35.85	54.00	18.15	500.0	100.0	H	0.0	0.4
1977.375000	48.16	---	68.20	20.04	500.0	100.0	H	317.0	1.9
2680.000000	50.98	---	68.20	17.22	500.0	200.0	V	264.0	5.6
2765.750000	---	39.41	54.00	14.59	500.0	200.0	V	0.0	5.7
3488.500000	55.77	---	68.20	12.43	500.0	200.0	V	173.0	10.4
3912.000000	---	47.16	54.00	6.84	500.0	100.0	V	140.0	13.5
5148.375000	---	47.18	54.00	6.82	500.0	200.0	V	42.0	14.1
5584.125000	60.11	---	68.20	8.09	500.0	100.0	V	140.0	17.8
7683.250000	---	49.52	54.00	4.48	500.0	100.0	H	331.0	19.2
7955.375000	62.18	---	68.20	6.02	500.0	100.0	H	303.0	19.9



Radiates Emission from 8GHz to 18GHz

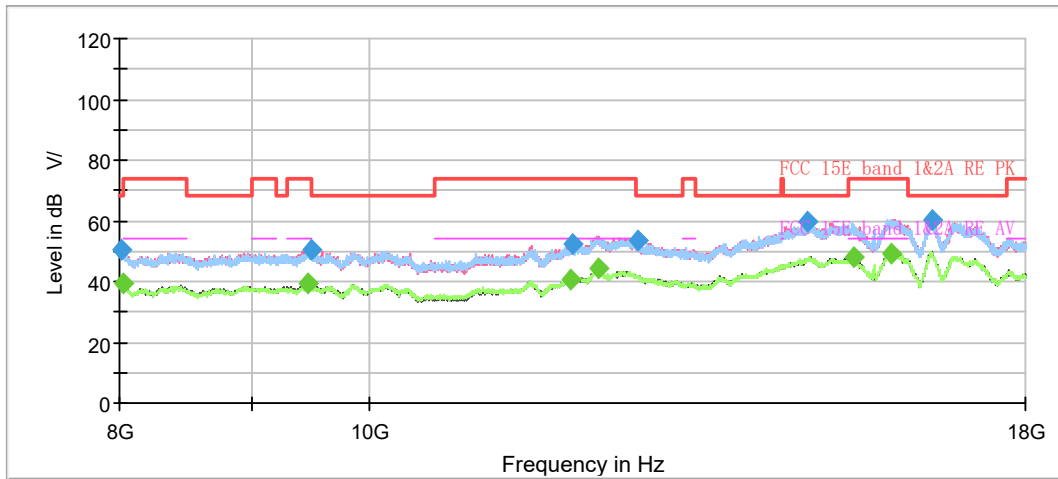
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8025.000000	50.41	---	68.20	17.79	500.0	200.0	V	275.0	9.0
8027.500000	---	38.86	54.00	15.14	500.0	100.0	V	136.0	8.9
9467.500000	---	39.24	54.00	14.76	500.0	200.0	V	136.0	9.4
9851.250000	50.91	---	68.20	17.29	500.0	100.0	H	55.0	9.4
10553.750000	46.32	---	68.20	21.88	500.0	100.0	H	213.0	6.5
11945.000000	---	40.43	54.00	13.57	500.0	200.0	V	236.0	11.3
12280.000000	---	43.82	54.00	10.18	500.0	200.0	H	67.0	14.5
12703.750000	53.30	---	68.20	14.90	500.0	100.0	V	204.0	12.9
14848.750000	58.90	---	68.20	9.30	500.0	200.0	H	134.0	19.0
15427.500000	---	47.29	54.00	6.71	500.0	200.0	H	67.0	18.3
16020.000000	---	49.82	54.00	4.18	500.0	200.0	H	0.0	20.1
16542.500000	60.60	---	68.20	7.60	500.0	200.0	H	134.0	20.8

802.11a CH48



Radiates Emission from 1GHz to 8GHz

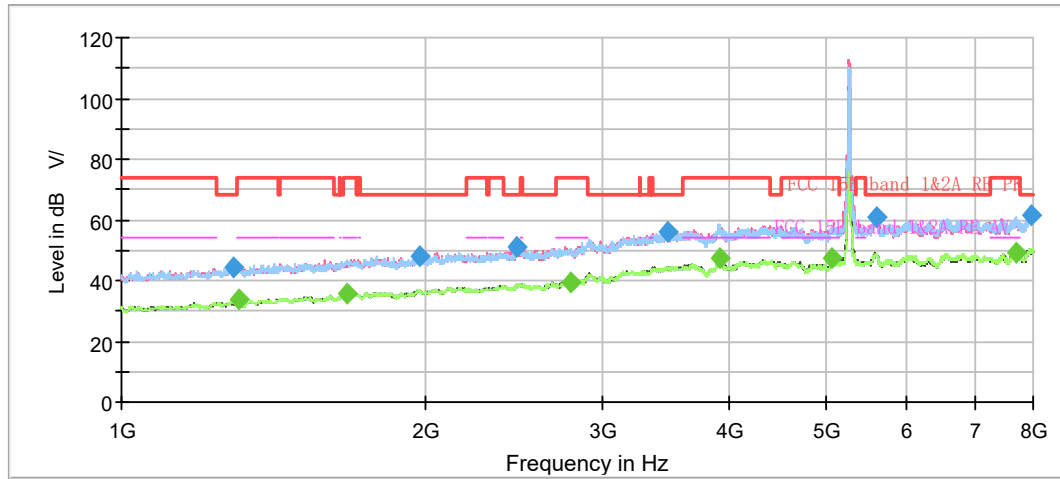
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1283.500000	44.94	---	68.20	23.26	500.0	100.0	V	46.0	-3.0
1306.250000	---	34.00	54.00	20.00	500.0	200.0	V	0.0	-2.2
1685.125000	---	35.77	54.00	18.23	500.0	200.0	H	153.0	0.4
1970.375000	48.08	---	68.20	20.12	500.0	200.0	V	199.0	2.2
2479.625000	50.56	---	68.20	17.64	500.0	100.0	H	352.0	5.0
2764.875000	---	39.54	54.00	14.46	500.0	200.0	H	101.0	5.7
3568.125000	55.61	---	68.20	12.59	500.0	100.0	H	281.0	10.4
3909.375000	---	47.10	54.00	6.90	500.0	200.0	V	283.0	13.7
4396.750000	---	47.05	54.00	6.95	500.0	200.0	V	0.0	13.7
5576.250000	60.52	---	68.20	7.68	500.0	200.0	H	0.0	17.3
7686.750000	---	49.38	54.00	4.62	500.0	200.0	H	16.0	19.3
7986.000000	62.32	---	68.20	5.88	500.0	100.0	H	301.0	19.9



Radiates Emission from 8GHz to 18GHz

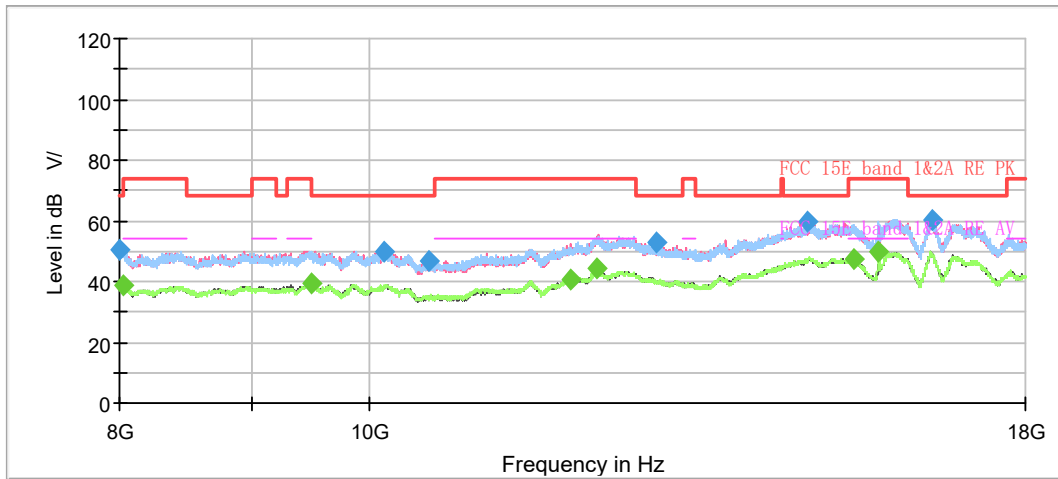
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8017.500000	50.56	---	68.20	17.64	500.0	200.0	V	107.0	9.3
8032.500000	---	39.11	54.00	14.89	500.0	100.0	V	313.0	8.7
9463.750000	---	39.54	54.00	14.46	500.0	200.0	H	114.0	9.3
9501.250000	50.53	---	68.20	17.67	500.0	100.0	V	313.0	9.1
11977.500000	---	40.35	54.00	13.65	500.0	100.0	H	49.0	11.7
11992.500000	52.33	---	74.00	21.67	500.0	200.0	V	353.0	11.9
12276.250000	---	44.10	54.00	9.90	500.0	100.0	H	0.0	14.6
12716.250000	53.51	---	68.20	14.69	500.0	200.0	H	0.0	12.8
14802.500000	59.79	---	68.20	8.41	500.0	200.0	H	23.0	19.1
15427.500000	---	47.70	54.00	6.30	500.0	200.0	H	0.0	18.3
15960.000000	---	49.28	54.00	4.72	500.0	200.0	V	340.0	19.7
16547.500000	60.55	---	68.20	7.65	500.0	200.0	H	114.0	20.7

802.11a CH52



Radiates Emission from 1GHz to 8GHz

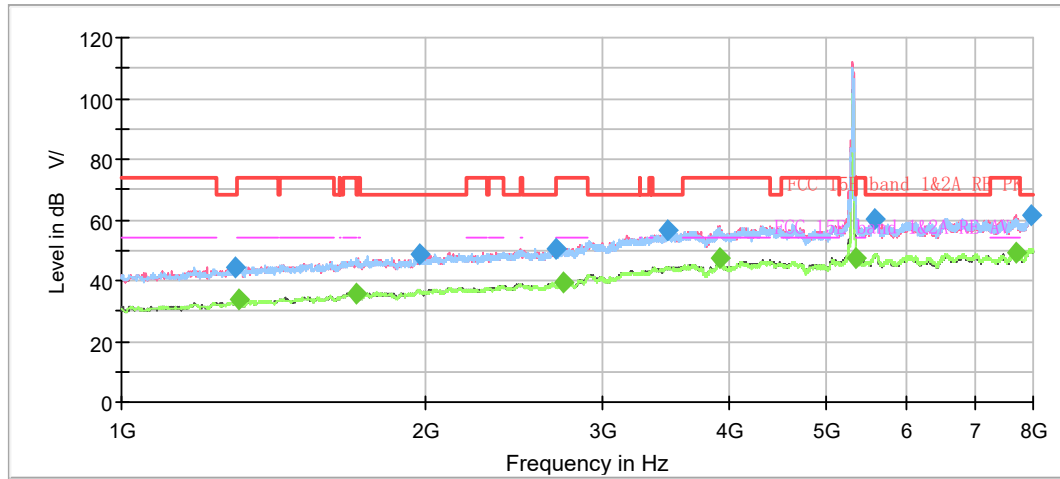
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1289.625000	44.33	---	68.20	23.87	500.0	100.0	V	87.0	-3.1
1307.125000	---	33.80	54.00	20.20	500.0	200.0	H	156.0	-2.1
1674.625000	---	35.76	54.00	18.24	500.0	100.0	H	105.0	0.3
1975.625000	48.12	---	68.20	20.08	500.0	100.0	H	84.0	2.0
2462.125000	51.34	---	68.20	16.86	500.0	100.0	V	120.0	4.6
2784.125000	---	39.55	54.00	14.45	500.0	100.0	H	197.0	5.8
3476.250000	56.25	---	68.20	11.95	500.0	100.0	H	334.0	10.4
3907.625000	---	47.12	54.00	6.88	500.0	200.0	V	0.0	13.6
5060.000000	---	47.21	54.00	6.79	500.0	200.0	V	350.0	15.3
5586.750000	60.62	---	68.20	7.58	500.0	200.0	V	221.0	17.9
7688.500000	---	49.45	54.00	4.55	500.0	100.0	H	150.0	19.3
7972.875000	61.79	---	68.20	6.41	500.0	100.0	V	298.0	19.9



Radiates Emission from 8GHz to 18GHz

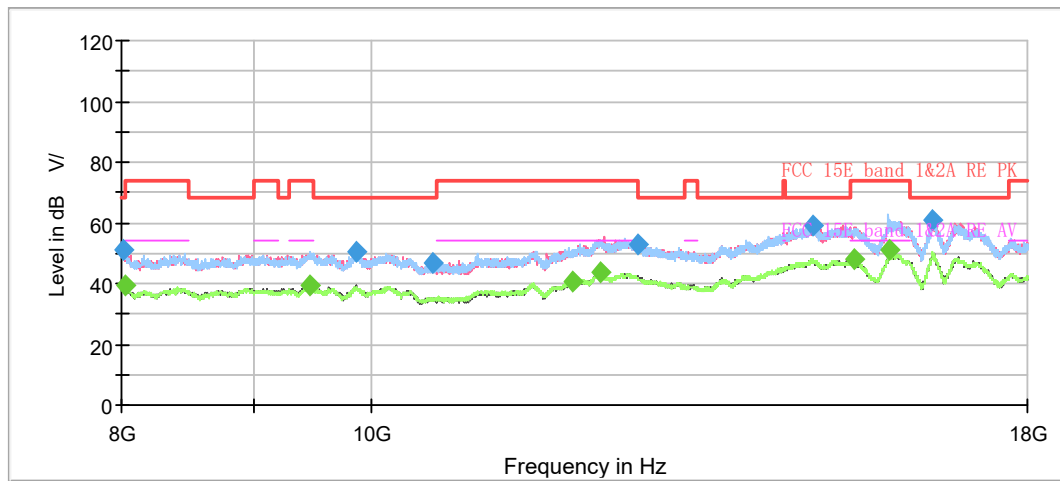
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8002.500000	50.57	---	68.20	17.63	500.0	200.0	V	285.0	9.8
8032.500000	---	38.80	54.00	15.20	500.0	200.0	H	133.0	8.7
9493.750000	---	39.28	54.00	14.72	500.0	200.0	V	312.0	9.3
10145.000000	50.07	---	68.20	18.13	500.0	200.0	H	348.0	9.1
10545.000000	46.71	---	68.20	21.49	500.0	200.0	H	306.0	6.5
11973.750000	---	40.48	54.00	13.52	500.0	200.0	V	218.0	11.7
12267.500000	---	44.30	54.00	9.70	500.0	200.0	H	64.0	14.5
12946.250000	52.63	---	68.20	15.57	500.0	200.0	V	298.0	12.0
14812.500000	59.89	---	68.20	8.31	500.0	200.0	V	285.0	19.2
15430.000000	---	47.55	54.00	6.45	500.0	200.0	H	145.0	18.3
15781.250000	---	49.74	54.00	4.26	500.0	200.0	H	11.0	13.7
16556.250000	60.49	---	68.20	7.71	500.0	200.0	H	91.0	20.2

802.11a CH60



Radiates Emission from 1GHz to 8GHz

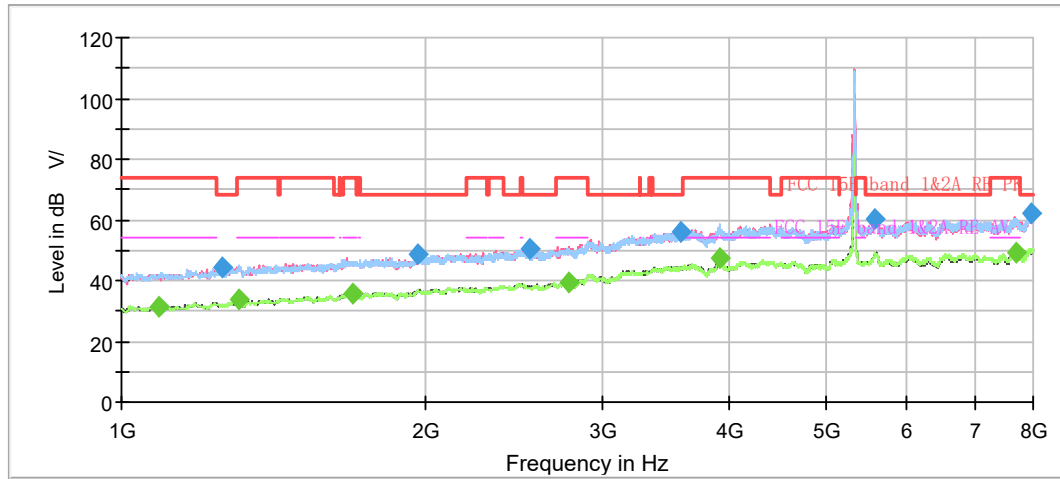
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1297.500000	44.16	---	68.20	24.04	500.0	100.0	V	151.0	-3.0
1308.875000	---	33.61	54.00	20.39	500.0	200.0	V	244.0	-2.1
1706.125000	---	35.65	54.00	18.35	500.0	100.0	V	0.0	0.4
1977.375000	48.87	---	68.20	19.33	500.0	100.0	H	294.0	1.9
2687.875000	50.59	---	68.20	17.61	500.0	200.0	H	191.0	5.4
2742.125000	---	39.52	54.00	14.48	500.0	200.0	V	230.0	5.7
3476.250000	56.49	---	68.20	11.71	500.0	200.0	V	133.0	10.4
3909.375000	---	47.30	54.00	6.70	500.0	200.0	V	133.0	13.7
5351.375000	---	47.37	54.00	6.63	500.0	200.0	V	0.0	15.0
5582.375000	60.60	---	68.20	7.60	500.0	100.0	V	35.0	17.7
7690.250000	---	49.17	54.00	4.83	500.0	100.0	H	229.0	19.3
7951.000000	61.72	---	68.20	6.48	500.0	200.0	V	0.0	19.9



Radiates Emission from 8GHz to 18GHz

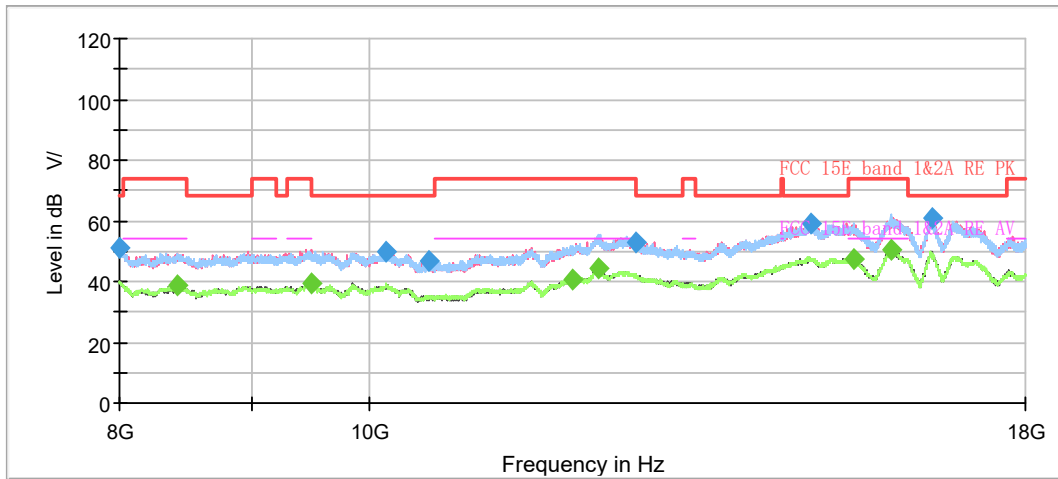
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8018.750000	51.11	---	68.20	17.09	500.0	100.0	H	81.0	9.2
8027.500000	---	39.34	54.00	14.66	500.0	200.0	H	200.0	8.9
9472.500000	---	39.43	54.00	14.57	500.0	100.0	V	305.0	9.5
9880.000000	50.25	---	68.20	17.95	500.0	100.0	V	227.0	9.1
10570.000000	46.78	---	68.20	21.42	500.0	200.0	H	0.0	6.7
11985.000000	---	40.77	54.00	13.23	500.0	100.0	H	0.0	11.8
12290.000000	---	43.83	54.00	10.17	500.0	200.0	V	293.0	14.3
12705.000000	53.08	---	68.20	15.12	500.0	200.0	H	54.0	12.9
14858.750000	59.20	---	68.20	9.00	500.0	200.0	H	54.0	18.8
15422.500000	---	47.71	54.00	6.29	500.0	100.0	V	53.0	18.2
15900.000000	---	50.79	54.00	3.21	500.0	200.0	H	29.0	19.2
16540.000000	61.03	---	68.20	7.17	500.0	200.0	H	42.0	20.7

802.11a CH64



Radiates Emission from 1GHz to 8GHz

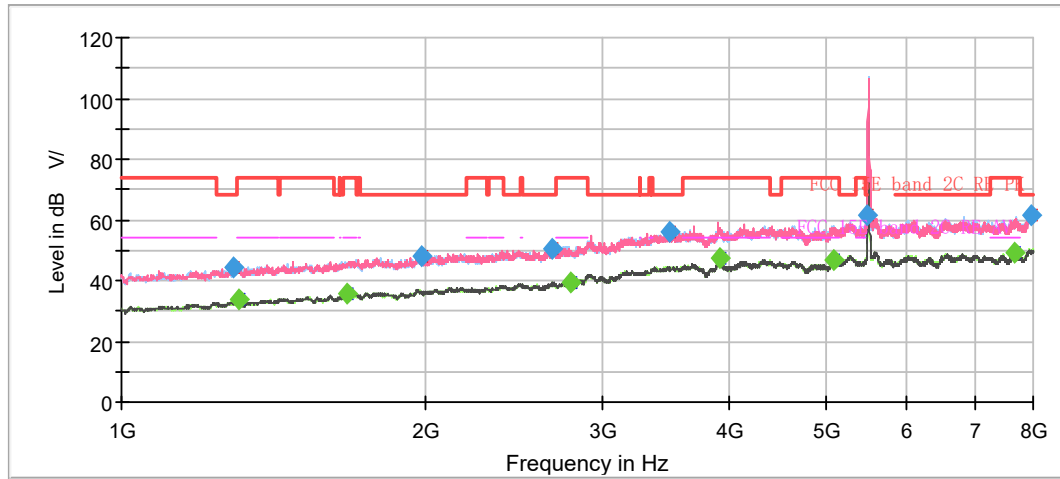
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1086.625000	---	31.33	54.00	22.67	500.0	200.0	H	182.0	-5.4
1259.000000	44.10	---	68.20	24.10	500.0	100.0	V	115.0	-3.8
1304.500000	---	34.03	54.00	19.97	500.0	200.0	H	47.0	-2.4
1696.500000	---	35.43	54.00	18.57	500.0	100.0	H	260.0	0.3
1964.250000	48.56	---	68.20	19.64	500.0	200.0	V	202.0	2.1
2533.875000	50.45	---	68.20	17.75	500.0	100.0	V	325.0	4.2
2772.750000	---	39.54	54.00	14.46	500.0	200.0	H	79.0	5.7
3588.250000	55.80	---	68.20	12.40	500.0	100.0	V	97.0	10.7
3908.500000	---	47.26	54.00	6.74	500.0	200.0	V	259.0	13.7
5585.000000	60.14	---	68.20	8.06	500.0	100.0	H	325.0	17.8
7688.500000	---	49.33	54.00	4.67	500.0	100.0	H	273.0	19.3
7981.625000	61.85	---	68.20	6.35	500.0	100.0	V	163.0	19.9



Radiates Emission from 8GHz to 18GHz

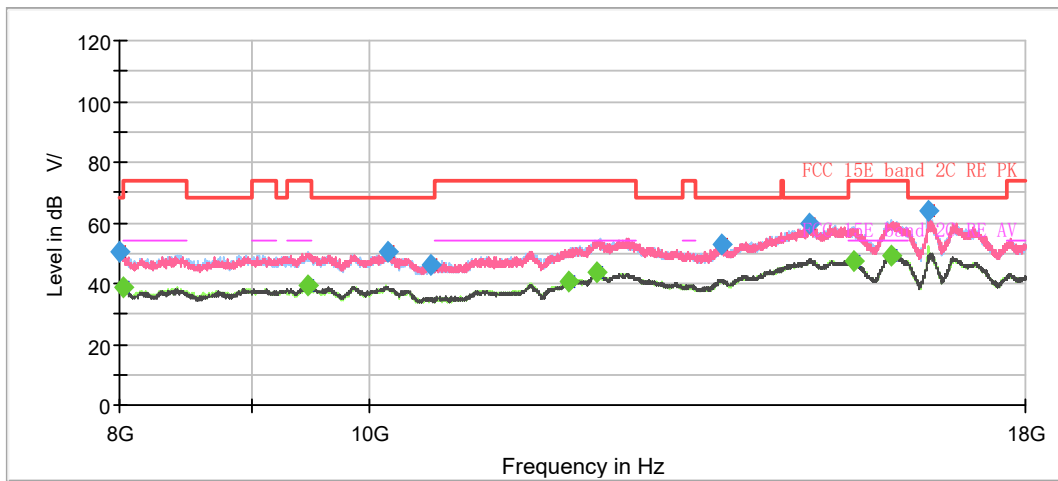
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8000.000000	50.89	---	68.20	17.31	500.0	100.0	H	122.0	9.9
8418.750000	---	38.96	54.00	15.04	500.0	100.0	H	57.0	8.7
9496.250000	---	39.48	54.00	14.52	500.0	200.0	H	12.0	9.2
10160.000000	50.05	---	68.20	18.15	500.0	100.0	V	0.0	9.3
10560.000000	46.60	---	68.20	21.60	500.0	200.0	V	0.0	6.6
11990.000000	---	40.48	54.00	13.52	500.0	200.0	V	0.0	11.9
12276.250000	---	44.09	54.00	9.91	500.0	100.0	H	109.0	14.6
12706.250000	53.14	---	68.20	15.06	500.0	100.0	V	316.0	12.9
14853.750000	58.95	---	68.20	9.25	500.0	200.0	H	349.0	18.9
15426.250000	---	47.57	54.00	6.43	500.0	200.0	V	26.0	18.3
15958.750000	---	50.51	54.00	3.49	500.0	200.0	H	12.0	19.7
16547.500000	61.00	---	68.20	7.20	500.0	200.0	V	145.0	20.7

802.11a CH100



Radiates Emission from 1GHz to 8GHz

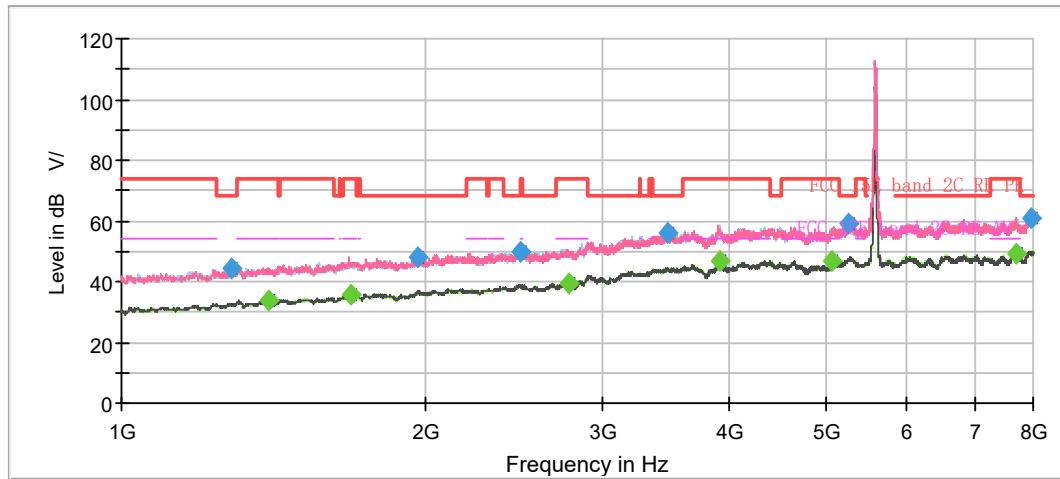
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1288.750000	44.21	---	68.20	23.99	500.0	100.0	V	229.0	-3.1
1308.875000	---	33.85	54.00	20.15	500.0	100.0	H	24.0	-2.1
1672.875000	---	35.76	54.00	18.24	500.0	100.0	V	292.0	0.3
1983.500000	47.95	---	68.20	20.25	500.0	100.0	V	167.0	1.7
2671.250000	50.58	---	68.20	17.62	500.0	100.0	H	49.0	5.5
2782.375000	---	39.36	54.00	14.64	500.0	200.0	H	331.0	5.8
3487.625000	55.80	---	68.20	12.40	500.0	100.0	H	135.0	10.4
3912.000000	---	47.26	54.00	6.74	500.0	100.0	V	154.0	13.5
5077.500000	---	46.84	54.00	7.16	500.0	100.0	H	185.0	15.1
5468.625000	61.75	---	68.20	6.45	500.0	100.0	H	295.0	14.9
7682.375000	---	49.35	54.00	4.65	500.0	100.0	H	2.0	19.2
7956.250000	61.80	---	68.20	6.40	500.0	100.0	V	180.0	19.9



Radiates Emission from 8GHz to 18GHz

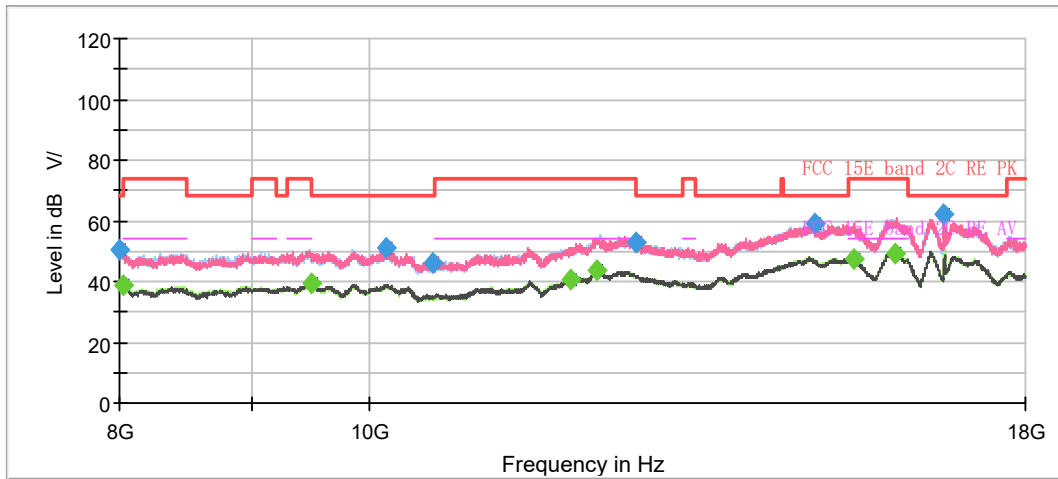
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8000.000000	50.52	---	68.20	17.68	500.0	200.0	V	156.0	9.9
8028.750000	---	38.97	54.00	15.03	500.0	200.0	H	172.0	8.8
9472.500000	---	39.69	54.00	14.31	500.0	200.0	V	0.0	9.5
10167.500000	50.29	---	68.20	17.91	500.0	200.0	V	156.0	9.2
10563.750000	46.33	---	68.20	21.88	500.0	200.0	H	40.0	6.6
11952.500000	---	40.44	54.00	13.56	500.0	200.0	V	129.0	11.4
12272.500000	---	43.89	54.00	10.11	500.0	200.0	H	241.0	14.6
13707.500000	52.95	---	68.20	15.25	500.0	200.0	H	172.0	13.0
14828.750000	59.49	---	68.20	8.71	500.0	200.0	V	64.0	19.4
15437.500000	---	47.42	54.00	6.58	500.0	200.0	V	209.0	18.1
15958.750000	---	49.38	54.00	4.62	500.0	200.0	H	252.0	19.7
16503.750000	64.12	---	68.20	4.08	500.0	200.0	H	0.0	18.1

802.11a CH116



Radiates Emission from 1GHz to 8GHz

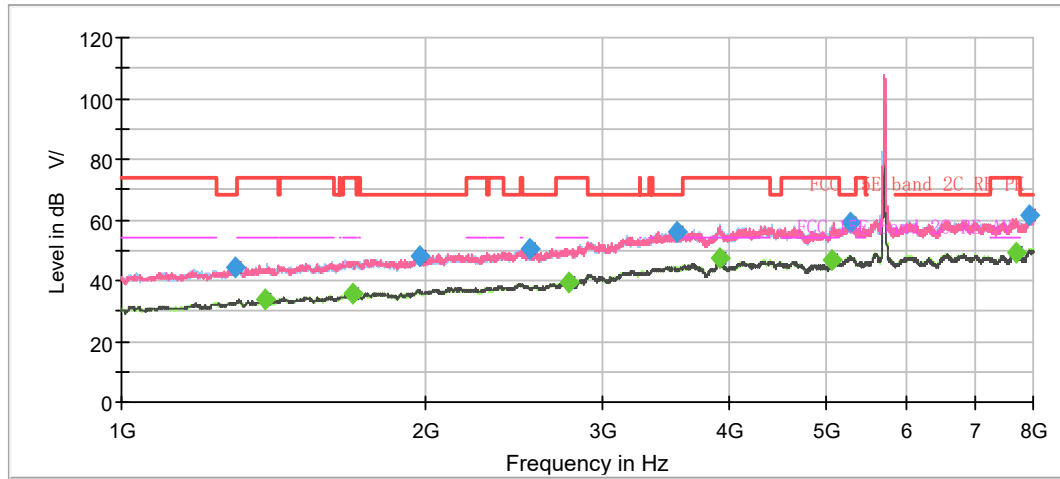
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1287.875000	44.26	---	68.20	23.94	500.0	100.0	H	47.0	-3.1
1398.125000	---	33.72	54.00	20.28	500.0	100.0	H	186.0	-2.3
1689.500000	---	35.72	54.00	18.28	500.0	100.0	H	122.0	0.4
1967.750000	48.13	---	68.20	20.07	500.0	100.0	V	235.0	2.3
2480.500000	49.99	---	68.20	18.21	500.0	100.0	H	0.0	5.0
2776.250000	---	39.37	54.00	14.63	500.0	200.0	H	331.0	5.8
3482.375000	55.98	---	68.20	12.22	500.0	100.0	V	184.0	10.4
3908.500000	---	46.95	54.00	7.05	500.0	200.0	V	124.0	13.7
5054.750000	---	46.97	54.00	7.03	500.0	200.0	V	47.0	15.0
5258.625000	59.12	---	68.20	9.08	500.0	100.0	V	119.0	16.3
7685.875000	---	49.29	54.00	4.71	500.0	200.0	H	317.0	19.3
7960.625000	61.09	---	68.20	7.11	500.0	100.0	H	72.0	19.9



Radiates Emission from 8GHz to 18GHz

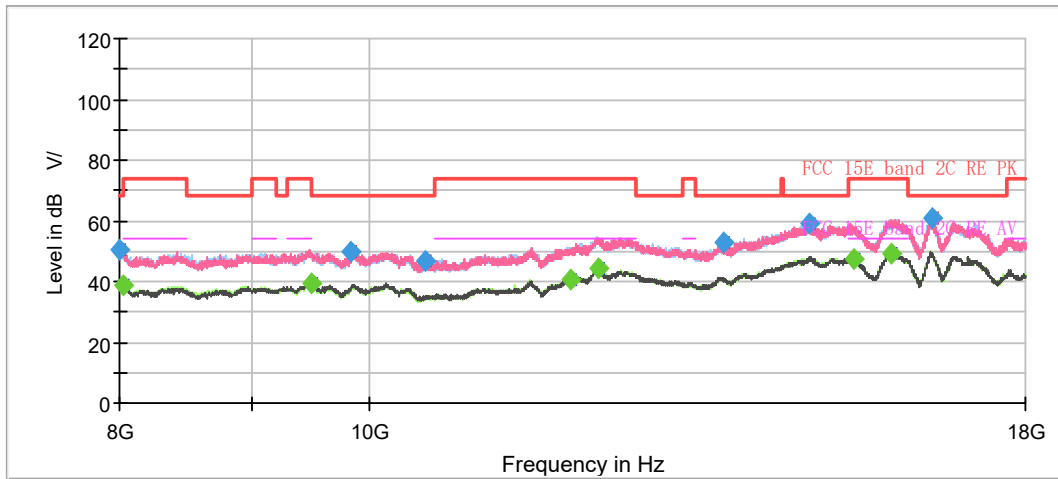
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8001.250000	50.57	---	68.20	17.63	500.0	200.0	H	283.0	9.9
8030.000000	---	38.93	54.00	15.07	500.0	100.0	H	137.0	8.8
9492.500000	---	39.45	54.00	14.55	500.0	100.0	V	71.0	9.3
10152.500000	50.96	---	68.20	17.24	500.0	100.0	V	259.0	9.2
10591.250000	46.43	---	68.20	21.77	500.0	200.0	V	98.0	6.6
11985.000000	---	40.33	54.00	13.67	500.0	100.0	V	0.0	11.8
12266.250000	---	43.67	54.00	10.33	500.0	200.0	H	0.0	14.4
12703.750000	53.09	---	68.20	15.11	500.0	200.0	H	54.0	12.9
14896.250000	58.96	---	68.20	9.24	500.0	200.0	H	270.0	18.2
15435.000000	---	47.43	54.00	6.57	500.0	200.0	V	0.0	18.2
16026.250000	---	49.36	54.00	4.64	500.0	200.0	H	151.0	20.2
16738.750000	61.92	---	68.20	6.28	500.0	200.0	H	347.0	13.2

802.11a CH140



Radiates Emission from 1GHz to 8GHz

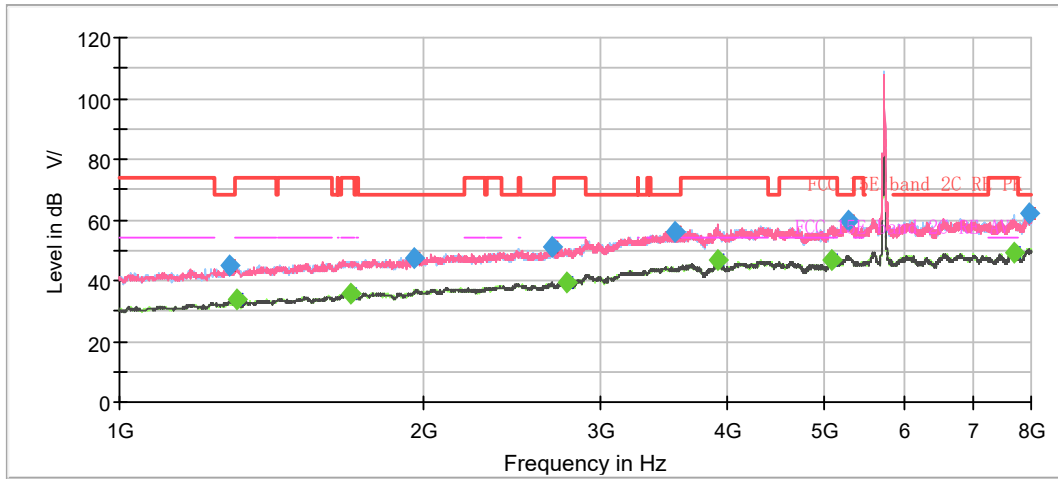
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1295.750000	44.30	---	68.20	23.90	500.0	200.0	H	266.0	-3.2
1388.500000	---	33.61	54.00	20.39	500.0	100.0	V	282.0	-2.4
1695.625000	---	35.56	54.00	18.44	500.0	200.0	V	86.0	0.3
1977.375000	48.23	---	68.20	19.97	500.0	100.0	V	319.0	1.9
2534.750000	50.59	---	68.20	17.61	500.0	100.0	V	282.0	4.2
2769.250000	---	39.33	54.00	14.67	500.0	100.0	H	151.0	5.7
3555.000000	56.18	---	68.20	12.02	500.0	200.0	H	200.0	10.3
3909.375000	---	47.28	54.00	6.72	500.0	100.0	V	191.0	13.7
5056.500000	---	47.02	54.00	6.98	500.0	200.0	V	98.0	15.1
5263.000000	58.96	---	68.20	9.24	500.0	100.0	H	26.0	16.4
7689.375000	---	49.16	54.00	4.84	500.0	100.0	H	26.0	19.4
7920.375000	61.61	---	68.20	6.59	500.0	100.0	V	51.0	19.8



Radiates Emission from 8GHz to 18GHz

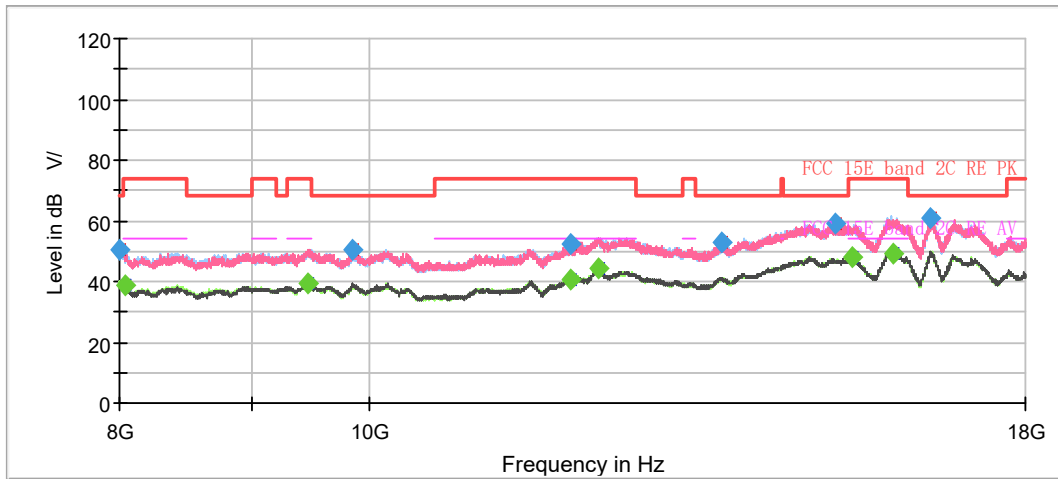
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8001.250000	50.16	---	68.20	18.04	500.0	100.0	H	139.0	9.9
8028.750000	---	39.03	54.00	14.97	500.0	100.0	H	212.0	8.8
9496.250000	---	39.30	54.00	14.70	500.0	200.0	V	280.0	9.2
9841.250000	49.81	---	68.20	18.39	500.0	100.0	V	42.0	9.0
10513.750000	46.72	---	68.20	21.48	500.0	200.0	H	96.0	6.2
11973.750000	---	40.51	54.00	13.49	500.0	100.0	H	185.0	11.7
12283.750000	---	44.14	54.00	9.86	500.0	200.0	H	0.0	14.4
13726.250000	52.96	---	68.20	15.24	500.0	200.0	V	121.0	12.6
14837.500000	58.81	---	68.20	9.39	500.0	200.0	V	94.0	19.2
15428.750000	---	47.36	54.00	6.64	500.0	200.0	V	15.0	18.3
15968.750000	---	49.35	54.00	4.65	500.0	200.0	H	239.0	19.8
16546.250000	60.68	---	68.20	7.52	500.0	200.0	V	29.0	20.8

802.11a CH144



Radiates Emission from 1GHz to 8GHz

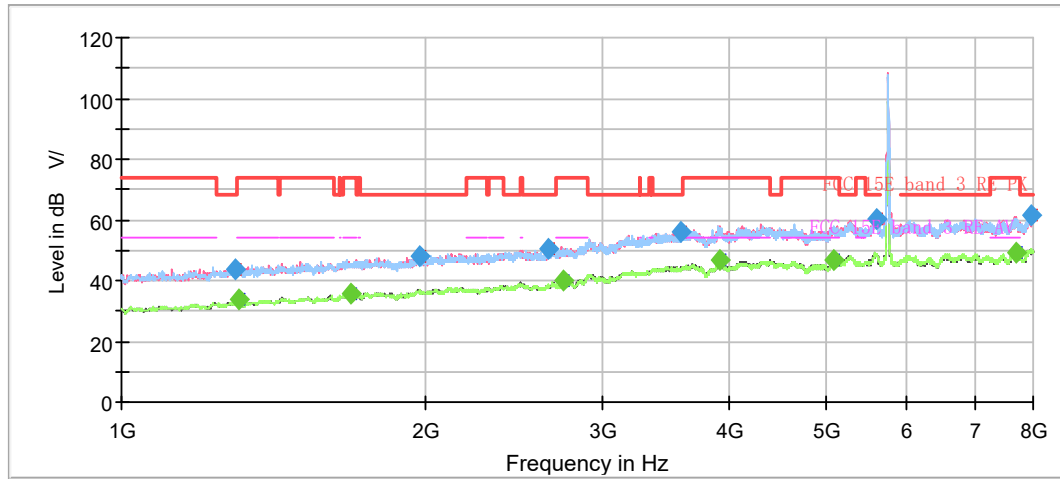
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1282.625000	45.19	---	68.20	23.01	500.0	100.0	H	240.0	-3.0
1305.375000	---	34.12	54.00	19.88	500.0	200.0	V	292.0	-2.3
1697.375000	---	35.52	54.00	18.48	500.0	100.0	V	254.0	0.4
1961.625000	47.66	---	68.20	20.54	500.0	200.0	H	172.0	2.0
2676.500000	50.82	---	68.20	17.38	500.0	200.0	V	177.0	5.7
2773.625000	---	39.46	54.00	14.54	500.0	100.0	V	44.0	5.8
3558.500000	56.12	---	68.20	12.08	500.0	100.0	V	156.0	10.3
3907.625000	---	46.69	54.00	7.31	500.0	100.0	V	4.0	13.6
5072.250000	---	46.88	54.00	7.12	500.0	100.0	H	0.0	15.2
5276.125000	59.57	---	68.20	8.63	500.0	200.0	H	250.0	16.4
7686.750000	---	49.31	54.00	4.69	500.0	100.0	H	266.0	19.3
7950.125000	61.91	---	68.20	6.29	500.0	200.0	V	318.0	19.9



Radiates Emission from 8GHz to 18GHz

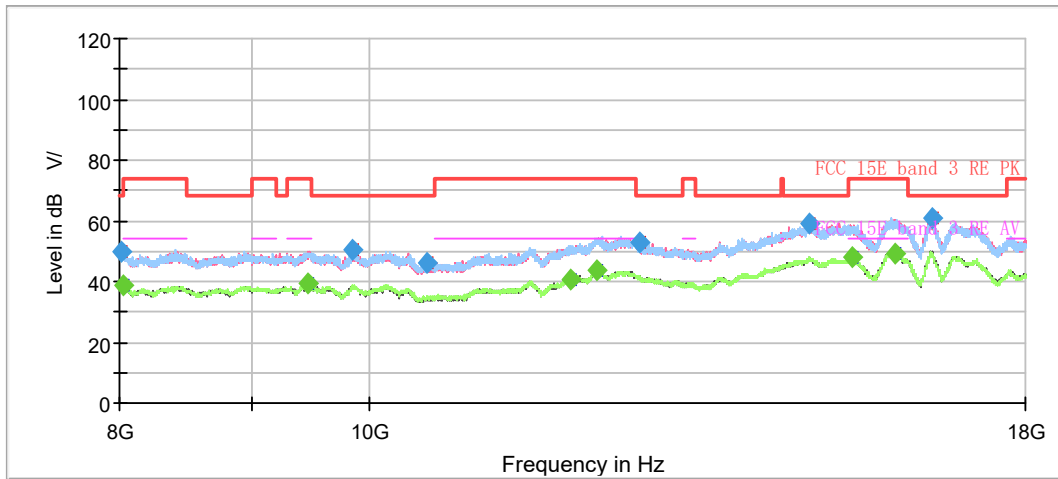
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8003.750000	50.58	---	68.20	17.62	500.0	200.0	H	215.0	9.8
8036.250000	---	39.05	54.00	14.95	500.0	100.0	H	215.0	8.6
9466.250000	---	39.57	54.00	14.43	500.0	100.0	H	0.0	9.4
9858.750000	50.63	---	68.20	17.57	500.0	200.0	H	270.0	9.6
11977.500000	52.61	---	74.00	21.39	500.0	100.0	H	243.0	11.7
11982.500000	---	40.80	54.00	13.20	500.0	100.0	H	202.0	11.8
12278.750000	---	44.12	54.00	9.88	500.0	200.0	H	81.0	14.5
13703.750000	53.09	---	68.20	15.11	500.0	100.0	V	131.0	13.0
15178.750000	58.96	---	68.20	9.24	500.0	200.0	H	320.0	17.4
15412.500000	---	48.11	54.00	5.89	500.0	200.0	H	334.0	18.2
15987.500000	---	49.43	54.00	4.57	500.0	200.0	V	20.0	19.9
16535.000000	60.83	---	68.20	7.37	500.0	200.0	V	131.0	20.3

802.11a CH149



Radiates Emission from 1GHz to 8GHz

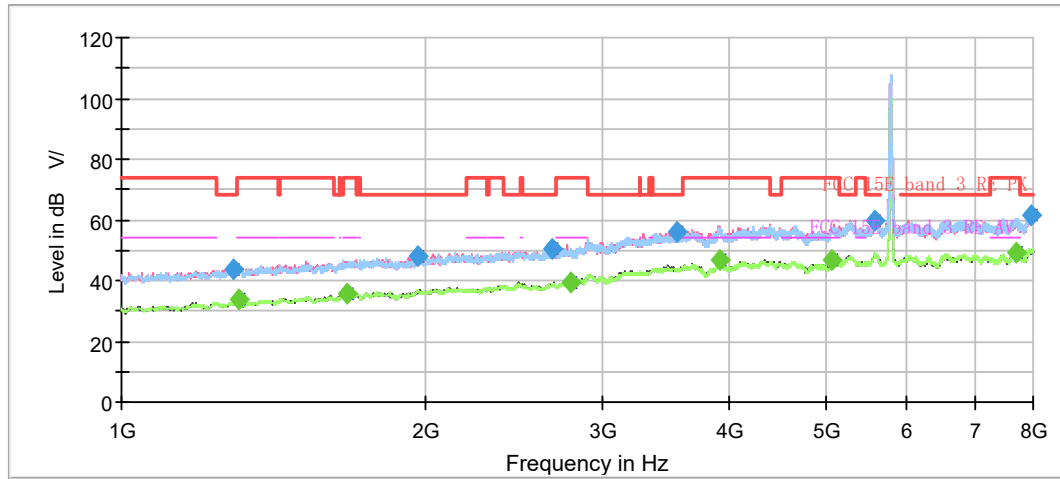
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1294.875000	43.79	---	68.20	24.41	500.0	100.0	H	97.0	-3.2
1305.375000	---	33.63	54.00	20.37	500.0	100.0	H	148.0	-2.3
1687.750000	---	35.59	54.00	18.41	500.0	100.0	V	168.0	0.4
1978.250000	47.98	---	68.20	20.22	500.0	200.0	H	324.0	1.9
2646.750000	50.32	---	68.20	17.88	500.0	200.0	H	119.0	4.8
2738.625000	---	39.86	54.00	14.14	500.0	100.0	V	270.0	5.7
3588.250000	55.95	---	68.20	12.25	500.0	200.0	H	246.0	10.7
3907.625000	---	47.07	54.00	6.93	500.0	100.0	V	129.0	13.6
5080.125000	---	46.71	54.00	7.29	500.0	200.0	H	311.0	15.0
5585.875000	60.46	---	68.20	7.74	500.0	200.0	V	157.0	17.8
7690.250000	---	49.16	54.00	4.84	500.0	200.0	H	145.0	19.3
7982.500000	61.46	---	68.20	6.74	500.0	200.0	H	324.0	19.9



Radiates Emission from 8GHz to 18GHz

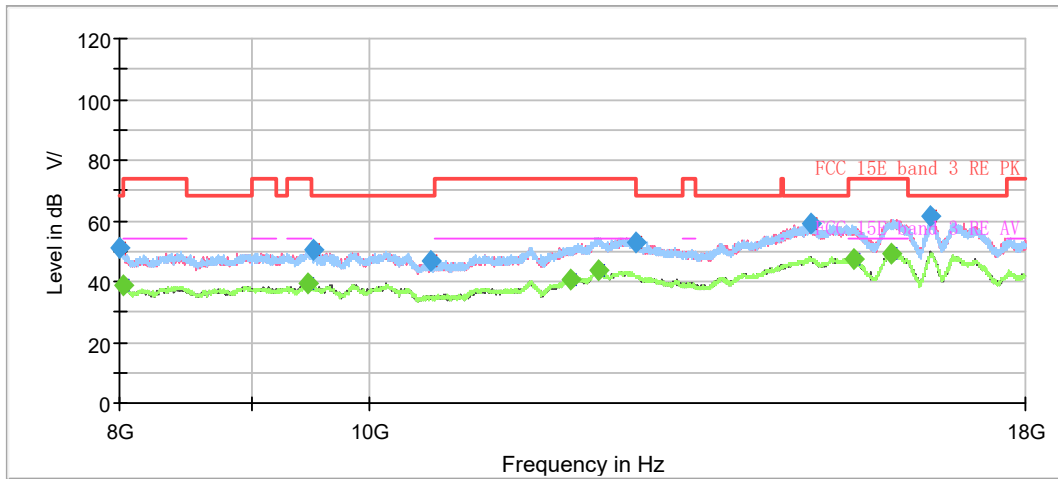
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8020.000000	49.97	---	68.20	18.23	500.0	200.0	H	30.0	9.2
8027.500000	---	38.84	54.00	15.16	500.0	100.0	H	124.0	8.9
9471.250000	---	39.13	54.00	14.87	500.0	200.0	V	340.0	9.5
9860.000000	50.56	---	68.20	17.64	500.0	100.0	H	0.0	9.6
10531.250000	46.35	---	68.20	21.85	500.0	100.0	H	206.0	6.4
11980.000000	---	40.56	54.00	13.44	500.0	200.0	H	206.0	11.8
12271.250000	---	43.90	54.00	10.10	500.0	100.0	V	80.0	14.6
12733.750000	53.06	---	68.20	15.14	500.0	100.0	V	302.0	12.7
14826.250000	58.86	---	68.20	9.34	500.0	200.0	H	0.0	19.3
15415.000000	---	47.83	54.00	6.17	500.0	200.0	V	80.0	18.2
16020.000000	---	49.31	54.00	4.69	500.0	200.0	V	0.0	20.1
16555.000000	60.64	---	68.20	7.56	500.0	200.0	H	30.0	20.3

802.11a CH157



Radiates Emission from 1GHz to 8GHz

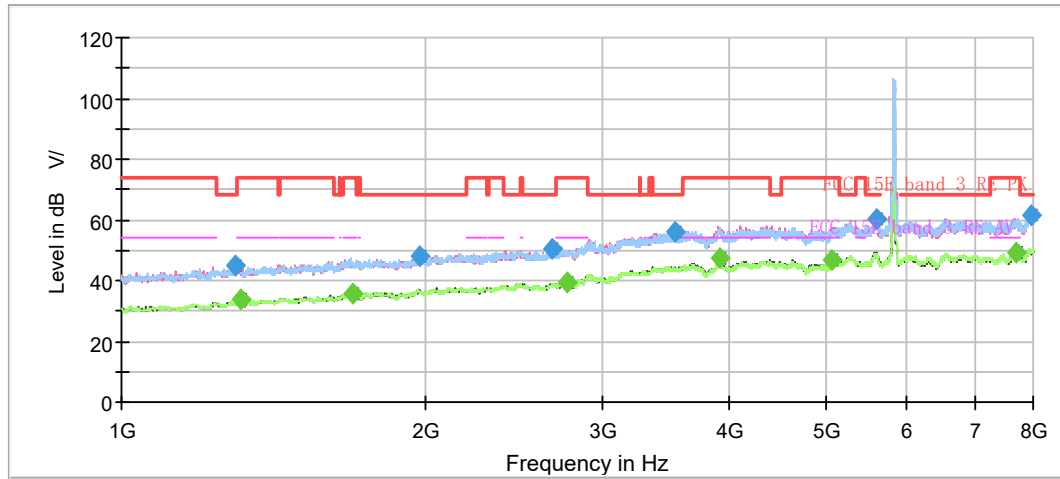
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1288.750000	43.69	---	68.20	24.51	500.0	100.0	V	104.0	-3.1
1306.250000	---	33.63	54.00	20.37	500.0	200.0	V	174.0	-2.2
1674.625000	---	35.82	54.00	18.18	500.0	100.0	H	121.0	0.3
1965.125000	48.29	---	68.20	19.91	500.0	200.0	V	307.0	2.2
2673.875000	50.20	---	68.20	18.00	500.0	200.0	V	149.0	5.6
2781.500000	---	39.61	54.00	14.39	500.0	100.0	V	166.0	5.8
3553.250000	56.11	---	68.20	12.09	500.0	200.0	V	253.0	10.3
3910.250000	---	46.96	54.00	7.04	500.0	200.0	H	217.0	13.6
5056.500000	---	46.93	54.00	7.07	500.0	200.0	V	71.0	15.1
5584.125000	59.56	---	68.20	8.64	500.0	100.0	V	311.0	17.8
7697.250000	---	49.32	54.00	4.68	500.0	100.0	H	0.0	19.2
7979.875000	61.37	---	68.20	6.83	500.0	100.0	V	271.0	19.9



Radiates Emission from 8GHz to 18GHz

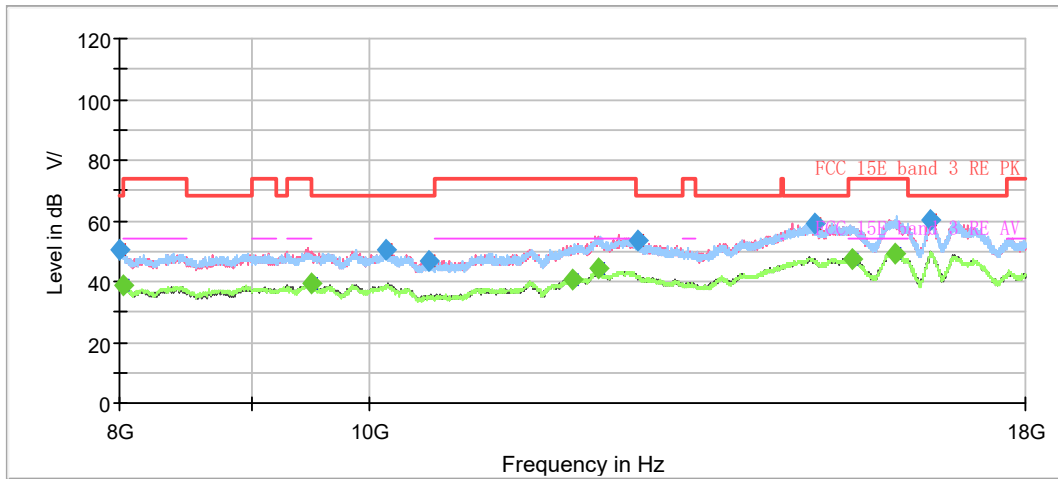
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8003.750000	51.05	---	68.20	17.15	500.0	100.0	V	0.0	9.8
8028.750000	---	38.70	54.00	15.30	500.0	200.0	V	166.0	8.8
9462.500000	---	39.30	54.00	14.70	500.0	200.0	V	285.0	9.3
9521.250000	50.24	---	68.20	17.96	500.0	200.0	V	0.0	8.7
10566.250000	46.68	---	68.20	21.52	500.0	100.0	V	272.0	6.6
11976.250000	---	40.64	54.00	13.36	500.0	100.0	H	134.0	11.7
12286.250000	---	43.85	54.00	10.15	500.0	200.0	H	212.0	14.4
12706.250000	52.87	---	68.20	15.33	500.0	200.0	H	147.0	12.9
14857.500000	58.81	---	68.20	9.39	500.0	100.0	H	54.0	18.9
15440.000000	---	47.40	54.00	6.60	500.0	200.0	H	14.0	18.0
15975.000000	---	49.30	54.00	4.70	500.0	200.0	H	81.0	19.8
16542.500000	61.25	---	68.20	6.95	500.0	200.0	V	111.0	20.8

802.11a CH165



Radiates Emission from 1GHz to 8GHz

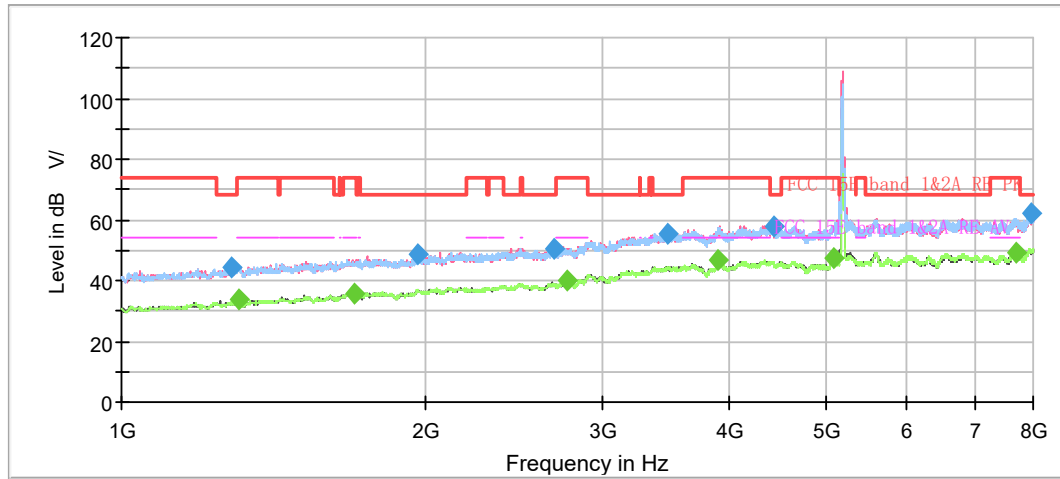
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1294.000000	44.64	---	68.20	23.56	500.0	100.0	V	0.0	-3.2
1311.500000	---	33.90	54.00	20.10	500.0	100.0	V	0.0	-2.4
1694.750000	---	35.84	54.00	18.16	500.0	200.0	V	22.0	0.3
1973.000000	47.77	---	68.20	20.43	500.0	100.0	V	96.0	2.1
2673.875000	50.30	---	68.20	17.90	500.0	100.0	V	0.0	5.6
2763.125000	---	39.46	54.00	14.54	500.0	200.0	V	263.0	5.7
3541.875000	56.23	---	68.20	11.97	500.0	100.0	V	308.0	10.3
3909.375000	---	47.23	54.00	6.77	500.0	200.0	H	348.0	13.7
5055.625000	---	46.77	54.00	7.23	500.0	200.0	V	0.0	15.0
5599.875000	60.18	---	68.20	8.02	500.0	100.0	V	243.0	17.7
7684.125000	---	49.26	54.00	4.74	500.0	200.0	V	308.0	19.2
7971.125000	61.47	---	68.20	6.73	500.0	100.0	V	123.0	19.9



Radiates Emission from 8GHz to 18GHz

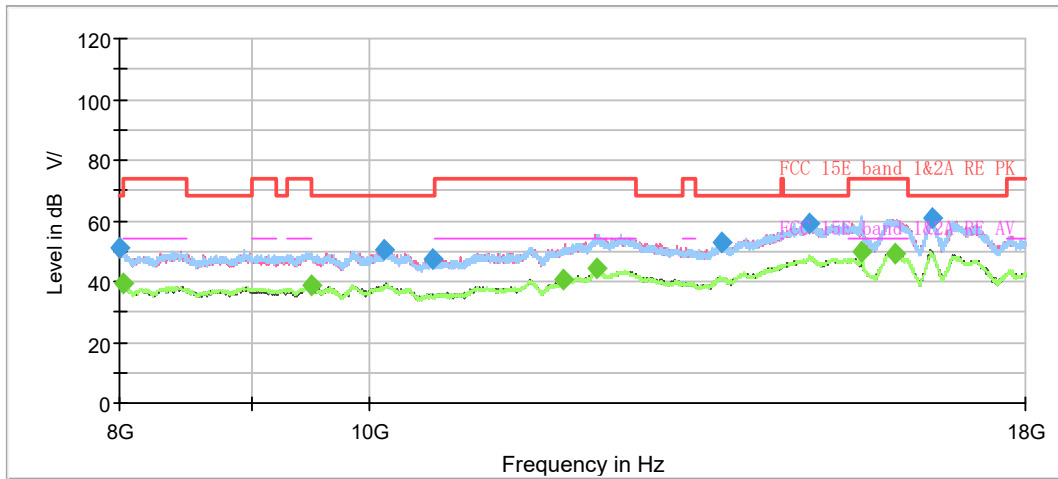
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8002.500000	50.40	---	68.20	17.80	500.0	200.0	V	97.0	9.8
8031.250000	---	38.79	54.00	15.21	500.0	100.0	V	268.0	8.7
9498.750000	---	39.42	54.00	14.58	500.0	100.0	V	228.0	9.2
10161.250000	50.61	---	68.20	17.59	500.0	200.0	H	32.0	9.3
10551.250000	46.60	---	68.20	21.60	500.0	100.0	H	291.0	6.5
11995.000000	---	40.68	54.00	13.32	500.0	200.0	H	145.0	11.9
12283.750000	---	44.26	54.00	9.74	500.0	200.0	H	59.0	14.4
12720.000000	53.29	---	68.20	14.91	500.0	100.0	V	357.0	12.8
14897.500000	58.98	---	68.20	9.22	500.0	200.0	H	0.0	18.2
15415.000000	---	47.44	54.00	6.56	500.0	100.0	V	201.0	18.2
16005.000000	---	49.42	54.00	4.58	500.0	200.0	H	131.0	20.1
16538.750000	60.49	---	68.20	7.71	500.0	200.0	V	149.0	20.6

802.11n (HT20) CH36



Radiates Emission from 1GHz to 8GHz

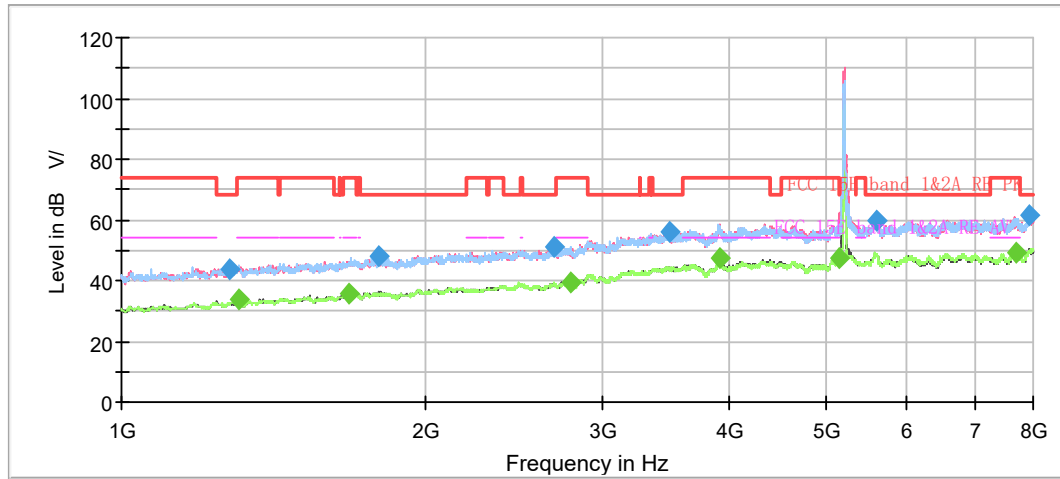
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1285.250000	44.60	---	68.20	23.60	500.0	100.0	V	78.0	-3.0
1308.000000	---	33.68	54.00	20.32	500.0	200.0	H	357.0	-2.0
1698.250000	---	35.64	54.00	18.36	500.0	100.0	V	265.0	0.4
1967.750000	48.50	---	68.20	19.70	500.0	200.0	H	238.0	2.3
2686.125000	50.57	---	68.20	17.63	500.0	100.0	H	117.0	5.4
2765.750000	---	39.73	54.00	14.28	500.0	200.0	V	115.0	5.7
3469.250000	55.51	---	68.20	12.69	500.0	100.0	H	271.0	10.4
3905.875000	---	46.98	54.00	7.02	500.0	200.0	V	186.0	13.5
4427.375000	57.82	---	68.20	10.38	500.0	200.0	V	115.0	13.0
5077.500000	---	47.30	54.00	6.70	500.0	200.0	V	95.0	15.1
7694.625000	---	49.41	54.00	4.59	500.0	100.0	H	6.0	19.3
7977.250000	61.97	---	68.20	6.23	500.0	200.0	H	310.0	19.9



Radiates Emission from 8GHz to 18GHz

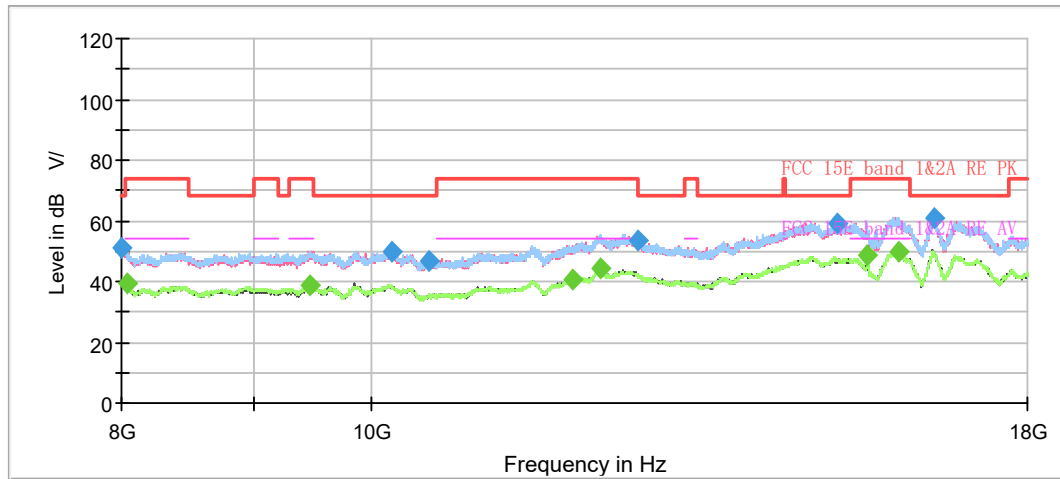
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8003.750000	50.98	---	68.20	17.22	500.0	100.0	H	269.0	9.8
8030.000000	---	39.09	54.00	14.91	500.0	200.0	V	266.0	8.8
9497.500000	---	38.64	54.00	15.36	500.0	200.0	H	358.0	9.2
10133.750000	50.21	---	68.20	17.99	500.0	200.0	V	321.0	9.0
10593.750000	47.16	---	68.20	21.04	500.0	200.0	V	0.0	6.6
11908.750000	---	40.67	54.00	13.33	500.0	200.0	H	106.0	10.9
12271.250000	---	44.08	54.00	9.92	500.0	100.0	V	105.0	14.6
13721.250000	53.08	---	68.20	15.12	500.0	100.0	H	138.0	12.7
14836.250000	59.32	---	68.20	8.88	500.0	200.0	V	148.0	19.2
15541.250000	---	50.05	54.00	3.95	500.0	100.0	H	0.0	15.3
16015.000000	---	49.51	54.00	4.49	500.0	100.0	H	124.0	20.1
16552.500000	60.66	---	68.20	7.54	500.0	100.0	H	72.0	20.4

802.11n (HT20) CH48



Radiates Emission from 1GHz to 8GHz

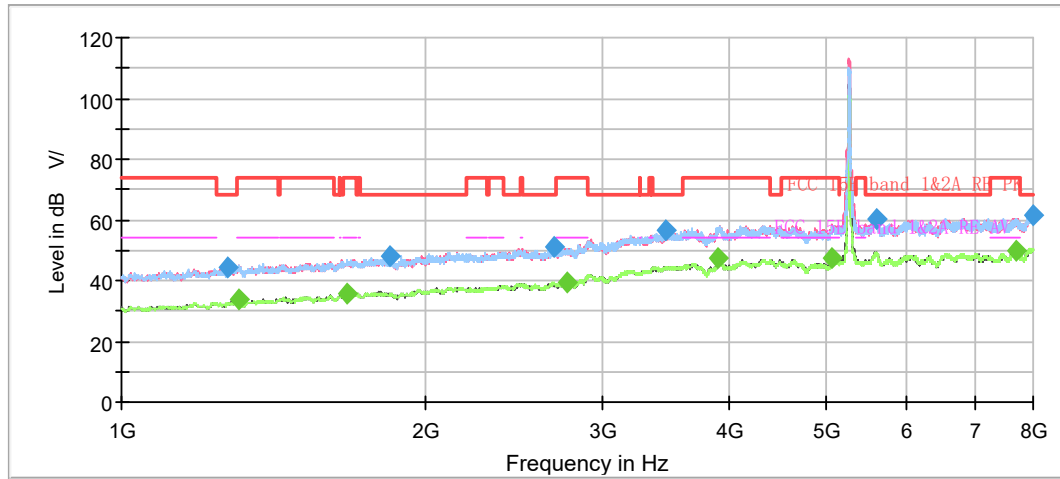
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1280.000000	43.92	---	68.20	24.28	500.0	200.0	V	142.0	-3.1
1307.125000	---	33.98	54.00	20.02	500.0	100.0	H	66.0	-2.1
1677.250000	---	35.77	54.00	18.23	500.0	200.0	V	311.0	0.4
1798.875000	47.84	---	68.20	20.36	500.0	100.0	H	73.0	0.9
2678.250000	51.36	---	68.20	16.84	500.0	100.0	V	253.0	5.7
2785.000000	---	39.37	54.00	14.63	500.0	100.0	V	56.0	5.8
3489.375000	55.95	---	68.20	12.25	500.0	200.0	H	196.0	10.4
3912.000000	---	47.17	54.00	6.83	500.0	100.0	V	187.0	13.5
5147.500000	---	47.18	54.00	6.82	500.0	200.0	V	71.0	14.1
5587.625000	59.96	---	68.20	8.24	500.0	100.0	V	89.0	17.9
7689.375000	---	49.41	54.00	4.59	500.0	200.0	H	285.0	19.4
7944.875000	61.44	---	68.20	6.76	500.0	100.0	H	211.0	19.9



Radiates Emission from 8GHz to 18GHz

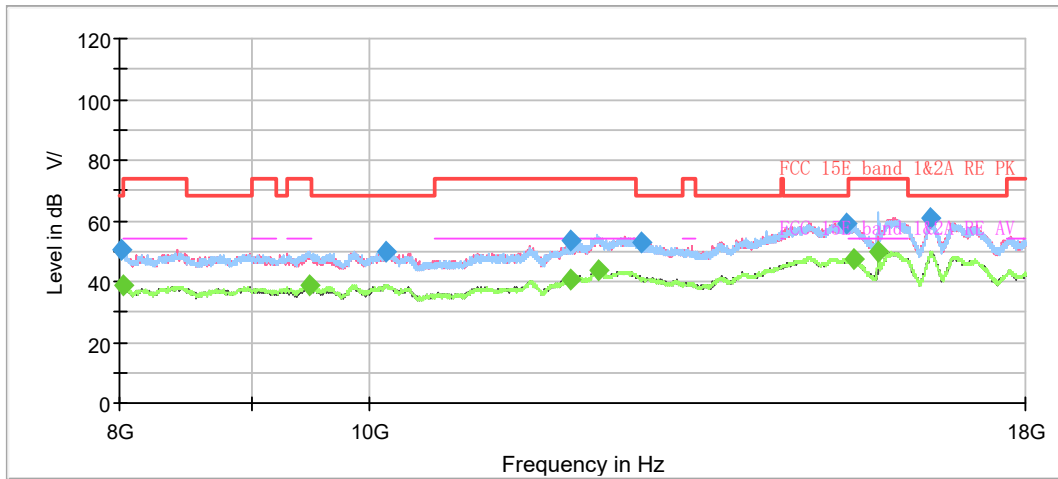
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8001.250000	51.35	---	68.20	16.85	500.0	100.0	V	275.0	9.9
8033.750000	---	39.23	54.00	14.77	500.0	200.0	V	22.0	8.6
9467.500000	---	38.88	54.00	15.12	500.0	100.0	H	49.0	9.4
10185.000000	50.02	---	68.20	18.18	500.0	200.0	V	219.0	8.9
10530.000000	46.94	---	68.20	21.26	500.0	200.0	H	286.0	6.4
11977.500000	---	40.72	54.00	13.28	500.0	100.0	V	235.0	11.7
12282.500000	---	44.18	54.00	9.82	500.0	200.0	V	35.0	14.5
12705.000000	53.25	---	68.20	14.95	500.0	200.0	V	114.0	12.9
15183.750000	59.07	---	68.20	9.13	500.0	200.0	V	0.0	17.4
15600.000000	---	48.45	54.00	5.55	500.0	200.0	H	351.0	13.9
16031.250000	---	49.70	54.00	4.30	500.0	100.0	V	74.0	20.2
16560.000000	61.17	---	68.20	7.03	500.0	100.0	V	170.0	20.0

802.11n (HT20) CH52



Radiates Emission from 1GHz to 8GHz

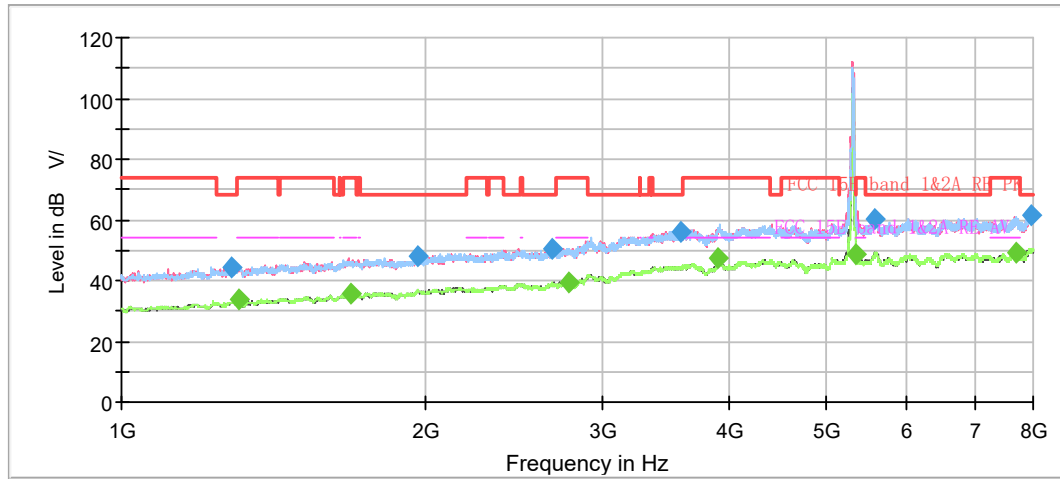
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1273.000000	44.24	---	68.20	23.96	500.0	100.0	V	145.0	-3.6
1308.000000	---	33.92	54.00	20.08	500.0	100.0	V	62.0	-2.0
1675.500000	---	35.85	54.00	18.15	500.0	100.0	V	126.0	0.4
1841.750000	47.99	---	68.20	20.21	500.0	200.0	V	208.0	0.6
2682.625000	51.08	---	68.20	17.12	500.0	200.0	V	196.0	5.6
2766.625000	---	39.55	54.00	14.45	500.0	100.0	H	0.0	5.7
3459.625000	56.78	---	68.20	11.42	500.0	100.0	H	197.0	10.2
3905.875000	---	47.22	54.00	6.78	500.0	100.0	H	152.0	13.5
5063.500000	---	47.30	54.00	6.70	500.0	100.0	H	8.0	15.5
5591.125000	60.04	---	68.20	8.16	500.0	200.0	V	331.0	18.1
7692.875000	---	49.60	54.00	4.40	500.0	200.0	H	218.0	19.3
7986.000000	61.71	---	68.20	6.49	500.0	200.0	H	293.0	19.9



Radiates Emission from 8GHz to 18GHz

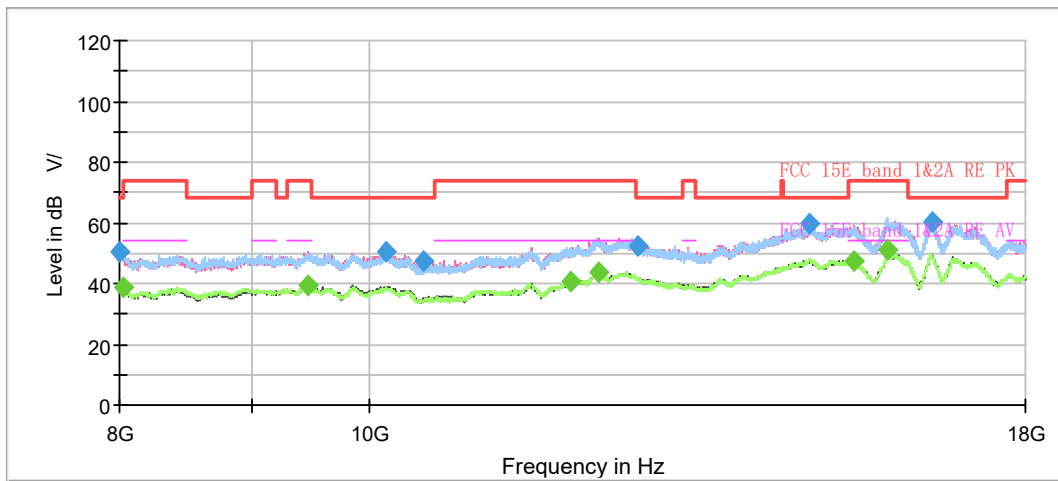
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8010.000000	50.48	---	68.20	17.72	500.0	200.0	V	96.0	9.5
8031.250000	---	39.00	54.00	15.00	500.0	200.0	V	84.0	8.7
9482.500000	---	39.03	54.00	14.97	500.0	100.0	H	125.0	9.5
10163.750000	49.95	---	68.20	18.25	500.0	100.0	H	62.0	9.3
11976.250000	---	40.66	54.00	13.34	500.0	200.0	V	0.0	11.7
11981.250000	53.33	---	74.00	20.67	500.0	200.0	H	54.0	11.8
12275.000000	---	43.94	54.00	10.06	500.0	100.0	V	0.0	14.6
12766.250000	52.86	---	68.20	15.34	500.0	100.0	V	253.0	12.6
15326.250000	59.16	---	68.20	9.04	500.0	200.0	H	294.0	17.3
15428.750000	---	47.51	54.00	6.49	500.0	100.0	V	106.0	18.3
15781.250000	---	50.10	54.00	3.90	500.0	200.0	H	0.0	13.7
16537.500000	60.78	---	68.20	7.42	500.0	200.0	H	187.0	20.5

802.11n (HT20) CH60



Radiates Emission from 1GHz to 8GHz

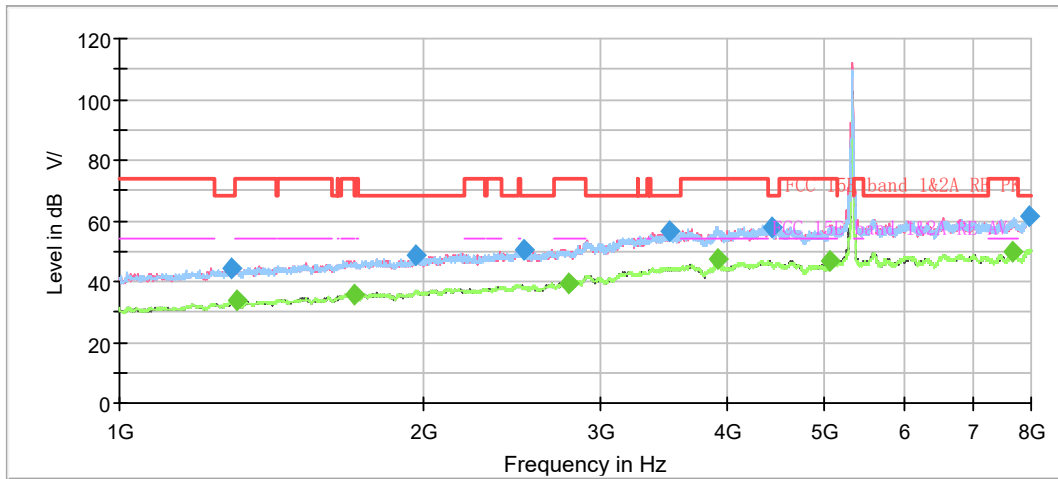
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1285.250000	44.50	---	68.20	23.70	500.0	200.0	H	108.0	-3.0
1307.125000	---	33.90	54.00	20.10	500.0	100.0	V	254.0	-2.1
1690.375000	---	35.77	54.00	18.23	500.0	100.0	V	241.0	0.4
1967.750000	47.93	---	68.20	20.27	500.0	200.0	H	132.0	2.3
2675.625000	50.33	---	68.20	17.88	500.0	200.0	H	216.0	5.6
2777.125000	---	39.34	54.00	14.66	500.0	100.0	V	0.0	5.8
3588.250000	56.17	---	68.20	12.03	500.0	200.0	V	0.0	10.7
3906.750000	---	47.56	54.00	6.44	500.0	100.0	H	330.0	13.5
5351.375000	---	48.82	54.00	5.18	500.0	200.0	V	54.0	15.0
5578.875000	60.22	---	68.20	7.98	500.0	200.0	H	145.0	17.5
7684.125000	---	49.48	54.00	4.52	500.0	100.0	H	0.0	19.2
7980.750000	61.73	---	68.20	6.47	500.0	100.0	H	99.0	19.9



Radiates Emission from 8GHz to 18GHz

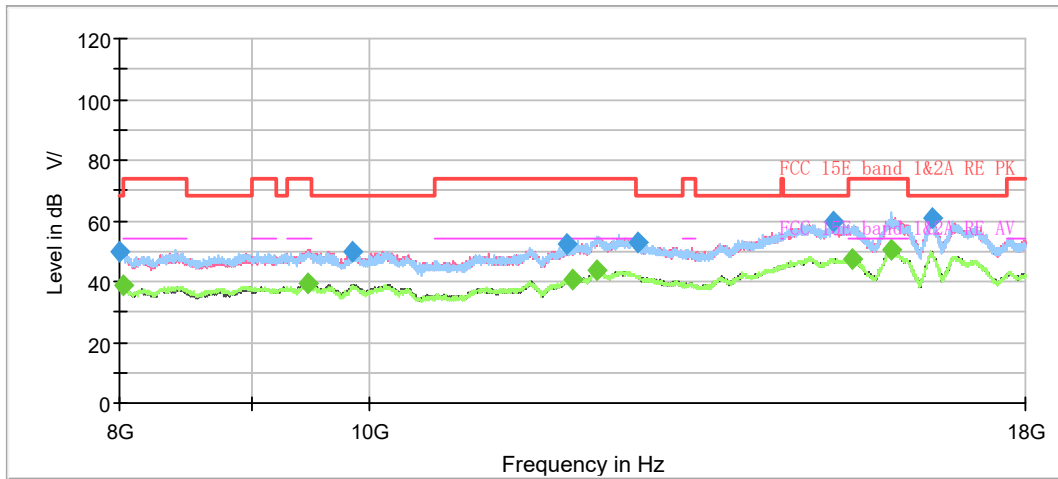
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8002.500000	50.71	---	68.20	17.49	500.0	200.0	V	326.0	9.8
8026.250000	---	38.81	54.00	15.19	500.0	200.0	H	183.0	8.9
9470.000000	---	39.42	54.00	14.58	500.0	200.0	V	196.0	9.4
10155.000000	50.16	---	68.20	18.04	500.0	200.0	H	1.0	9.3
10505.000000	47.39	---	68.20	20.81	500.0	200.0	H	0.0	6.2
11985.000000	---	40.51	54.00	13.49	500.0	200.0	V	0.0	11.8
12275.000000	---	43.92	54.00	10.08	500.0	200.0	V	169.0	14.6
12722.500000	52.62	---	68.20	15.59	500.0	200.0	H	144.0	12.8
14825.000000	59.44	---	68.20	8.76	500.0	200.0	V	221.0	19.3
15426.250000	---	47.44	54.00	6.56	500.0	200.0	V	156.0	18.3
15898.750000	---	50.89	54.00	3.11	500.0	200.0	H	24.0	19.2
16555.000000	60.27	---	68.20	7.93	500.0	200.0	H	91.0	20.3

802.11n (HT20) CH64



Radiates Emission from 1GHz to 8GHz

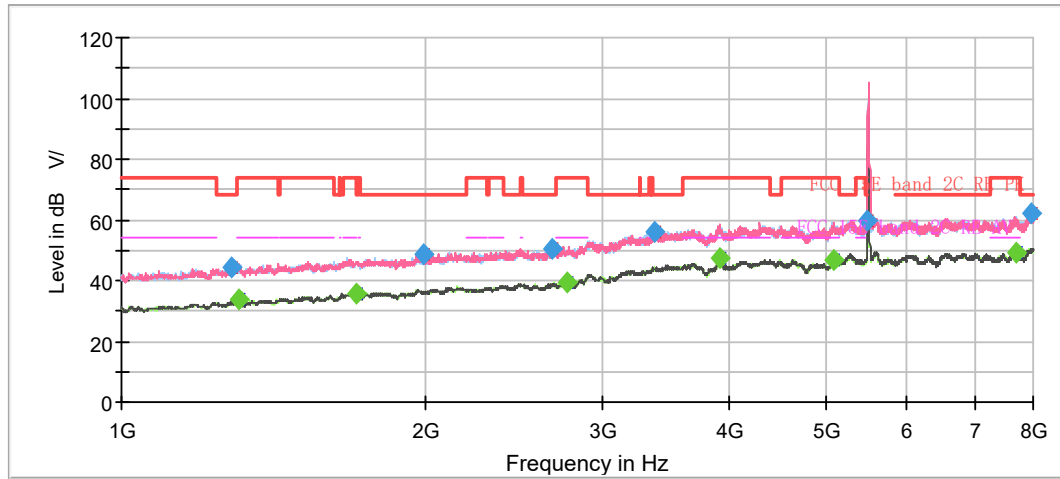
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1291.375000	44.03	---	68.20	24.17	500.0	200.0	H	95.0	-3.2
1308.000000	---	33.69	54.00	20.31	500.0	100.0	V	278.0	-2.0
1707.875000	---	35.63	54.00	18.37	500.0	200.0	V	90.0	0.5
1966.000000	48.50	---	68.20	19.70	500.0	200.0	V	0.0	2.3
2514.625000	50.55	---	68.20	17.65	500.0	100.0	H	175.0	4.5
2787.625000	---	39.50	54.00	14.50	500.0	100.0	H	53.0	5.8
3505.125000	56.48	---	68.20	11.72	500.0	200.0	H	23.0	10.4
3909.375000	---	47.51	54.00	6.49	500.0	200.0	V	239.0	13.7
4422.125000	57.55	---	68.20	10.65	500.0	100.0	V	33.0	13.2
5062.625000	---	47.05	54.00	6.95	500.0	100.0	V	33.0	15.5
7671.000000	---	49.71	54.00	4.29	500.0	100.0	V	0.0	18.9
7982.500000	61.55	---	68.20	6.65	500.0	200.0	V	0.0	19.9



Radiates Emission from 8GHz to 18GHz

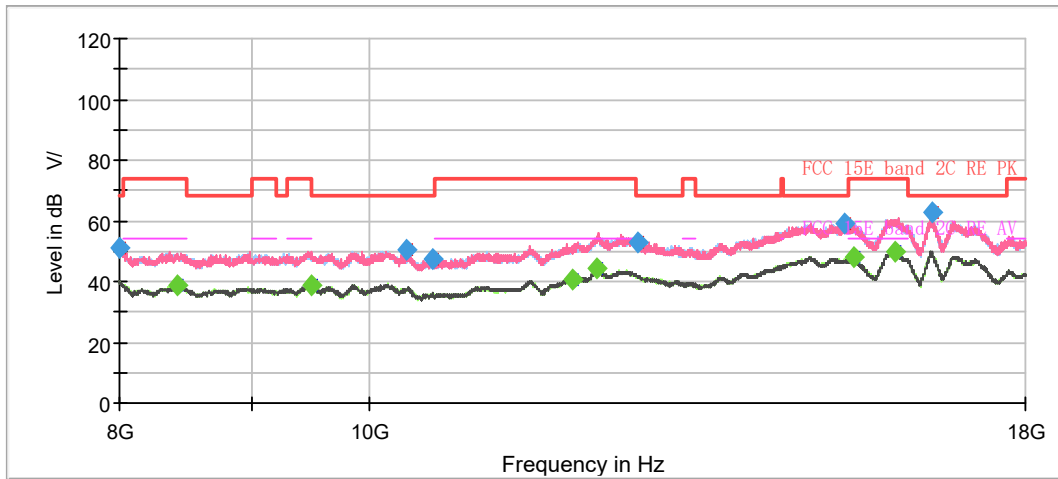
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8001.250000	50.12	---	68.20	18.08	500.0	200.0	H	214.0	9.9
8028.750000	---	38.89	54.00	15.11	500.0	100.0	H	335.0	8.8
9467.500000	---	39.54	54.00	14.46	500.0	100.0	H	122.0	9.4
9857.500000	49.96	---	68.20	18.24	500.0	200.0	H	0.0	9.6
11950.000000	52.44	---	74.00	21.56	500.0	100.0	V	138.0	11.4
11990.000000	---	40.83	54.00	13.17	500.0	200.0	H	227.0	11.9
12272.500000	---	43.95	54.00	10.05	500.0	100.0	V	282.0	14.6
12717.500000	52.91	---	68.20	15.29	500.0	200.0	H	16.0	12.8
15163.750000	59.43	---	68.20	8.77	500.0	200.0	H	81.0	17.5
15418.750000	---	47.40	54.00	6.60	500.0	200.0	V	42.0	18.2
15955.000000	---	50.23	54.00	3.77	500.0	200.0	H	16.0	19.6
16560.000000	60.91	---	68.20	7.29	500.0	200.0	H	294.0	20.0

802.11n (HT20) CH100



Radiates Emission from 1GHz to 8GHz

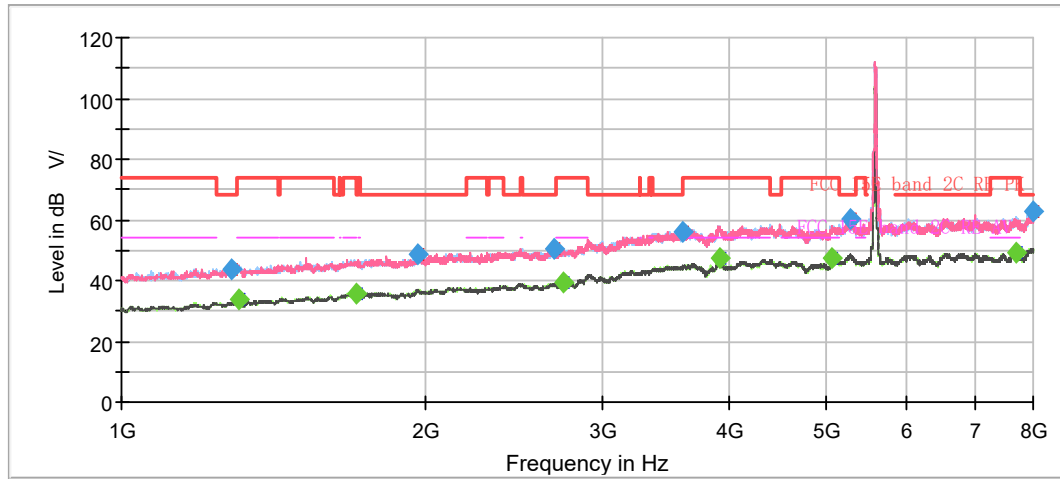
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1284.375000	44.49	---	68.20	23.71	500.0	200.0	V	292.0	-3.0
1308.000000	---	33.71	54.00	20.29	500.0	100.0	V	135.0	-2.0
1709.625000	---	35.76	54.00	18.24	500.0	200.0	V	349.0	0.5
1994.000000	48.36	---	68.20	19.84	500.0	100.0	V	91.0	1.6
2673.000000	50.34	---	68.20	17.86	500.0	200.0	H	99.0	5.6
2762.250000	---	39.28	54.00	14.72	500.0	200.0	V	298.0	5.7
3376.500000	56.08	---	68.20	12.12	500.0	200.0	H	195.0	10.1
3909.375000	---	47.13	54.00	6.87	500.0	200.0	V	260.0	13.7
5082.750000	---	47.01	54.00	6.99	500.0	100.0	H	329.0	14.9
5467.750000	59.57	---	68.20	8.64	500.0	200.0	V	70.0	14.9
7685.000000	---	49.41	54.00	4.59	500.0	200.0	V	254.0	19.2
7973.750000	62.43	---	68.20	5.77	500.0	200.0	V	305.0	19.9



Radiates Emission from 8GHz to 18GHz

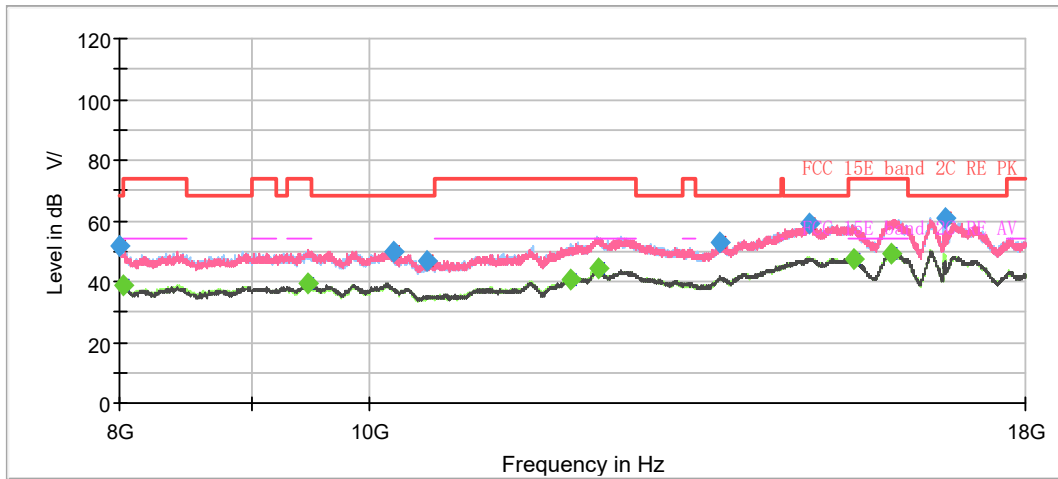
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8003.750000	50.79	---	68.20	17.41	500.0	100.0	V	314.0	9.8
8423.750000	---	38.95	54.00	15.05	500.0	100.0	H	71.0	8.7
9495.000000	---	38.86	54.00	15.14	500.0	100.0	V	359.0	9.2
10346.250000	50.26	---	68.20	17.94	500.0	100.0	V	0.0	8.4
10595.000000	47.42	---	68.20	20.78	500.0	100.0	V	0.0	6.6
11992.500000	---	40.70	54.00	13.30	500.0	100.0	V	79.0	11.9
12261.250000	---	44.28	54.00	9.72	500.0	100.0	V	197.0	14.3
12711.250000	53.08	---	68.20	15.12	500.0	100.0	V	301.0	12.8
15306.250000	58.92	---	68.20	9.28	500.0	100.0	H	44.0	17.1
15433.750000	---	47.70	54.00	6.30	500.0	100.0	H	122.0	18.2
16003.750000	---	49.67	54.00	4.33	500.0	100.0	V	236.0	20.1
16558.750000	62.51	---	68.20	5.69	500.0	200.0	V	148.0	20.1

802.11n (HT20) CH116



Radiates Emission from 1GHz to 8GHz

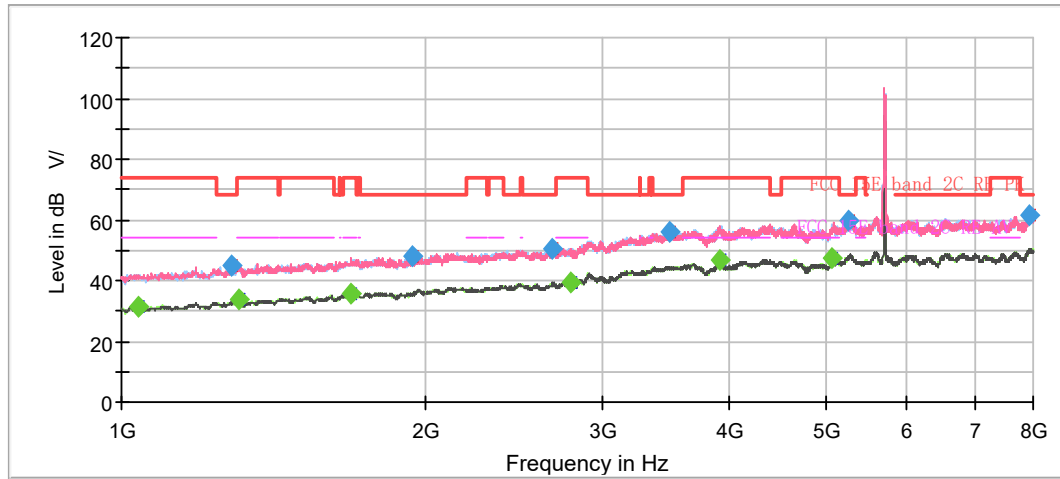
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1283.500000	43.97	---	68.20	24.23	500.0	100.0	V	171.0	-3.0
1308.000000	---	33.67	54.00	20.33	500.0	100.0	H	162.0	-2.0
1707.875000	---	35.72	54.00	18.28	500.0	200.0	V	223.0	0.5
1964.250000	48.54	---	68.20	19.66	500.0	200.0	H	174.0	2.1
2676.500000	50.16	---	68.20	18.04	500.0	100.0	H	252.0	5.7
2737.750000	---	39.41	54.00	14.59	500.0	200.0	H	0.0	5.7
3592.625000	56.16	---	68.20	12.04	500.0	200.0	V	275.0	10.8
3908.500000	---	47.46	54.00	6.54	500.0	200.0	V	301.0	13.7
5059.125000	---	47.22	54.00	6.78	500.0	100.0	H	335.0	15.3
5271.750000	60.19	---	68.20	8.01	500.0	100.0	V	49.0	16.5
7703.375000	---	49.47	54.00	4.53	500.0	200.0	H	16.0	19.1
7999.125000	62.52	---	68.20	5.68	500.0	100.0	H	162.0	19.9



Radiates Emission from 8GHz to 18GHz

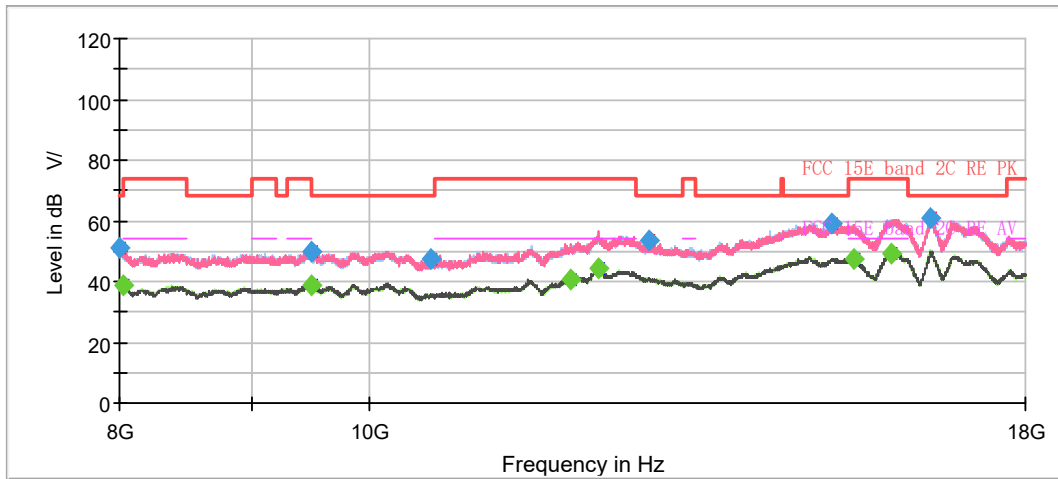
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8000.000000	51.52	---	68.20	16.68	500.0	200.0	H	313.0	9.9
8026.250000	---	39.06	54.00	14.94	500.0	100.0	H	0.0	8.9
9470.000000	---	39.64	54.00	14.36	500.0	200.0	V	0.0	9.4
10217.500000	49.94	---	68.20	18.26	500.0	200.0	V	173.0	8.5
10533.750000	46.95	---	68.20	21.25	500.0	100.0	V	334.0	6.4
11981.250000	---	40.48	54.00	13.52	500.0	200.0	H	0.0	11.8
12282.500000	---	44.01	54.00	9.99	500.0	200.0	H	24.0	14.5
13701.250000	53.09	---	68.20	15.11	500.0	100.0	H	101.0	13.1
14832.500000	59.27	---	68.20	8.93	500.0	200.0	H	326.0	19.3
15440.000000	---	47.46	54.00	6.54	500.0	100.0	H	87.0	18.0
15962.500000	---	49.33	54.00	4.67	500.0	200.0	H	167.0	19.7
16748.750000	60.76	---	68.20	7.44	500.0	200.0	H	339.0	13.6

802.11n (HT20) CH140



Radiates Emission from 1GHz to 8GHz

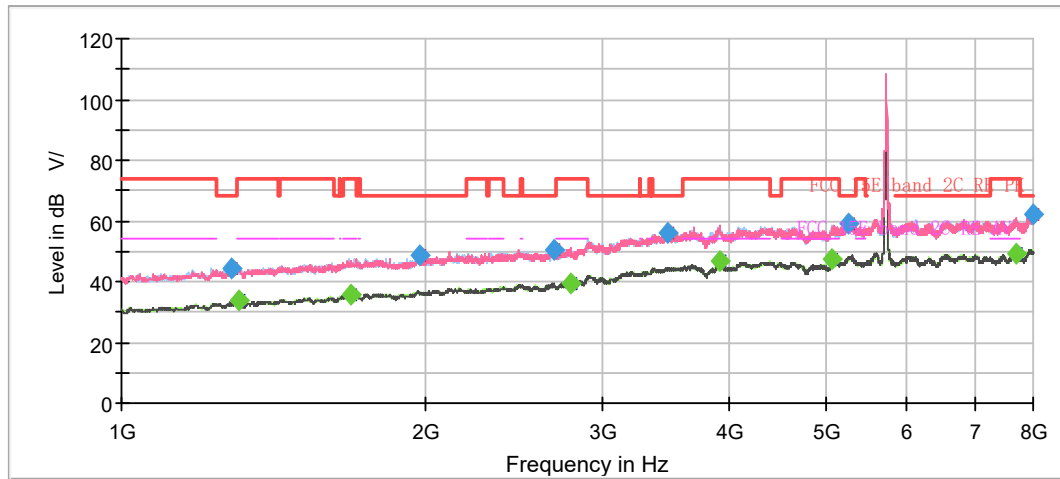
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1041.125000	---	31.13	54.00	22.87	500.0	200.0	H	83.0	-5.5
1285.250000	44.83	---	68.20	23.37	500.0	200.0	H	83.0	-3.0
1308.000000	---	33.80	54.00	20.20	500.0	200.0	V	300.0	-2.0
1690.375000	---	35.77	54.00	18.23	500.0	200.0	H	0.0	0.4
1938.875000	47.81	---	68.20	20.39	500.0	200.0	H	0.0	1.0
2672.125000	50.52	---	68.20	17.68	500.0	100.0	V	131.0	5.6
2782.375000	---	39.38	54.00	14.62	500.0	200.0	H	115.0	5.8
3493.750000	55.81	---	68.20	12.39	500.0	200.0	V	236.0	10.4
3907.625000	---	47.06	54.00	6.94	500.0	100.0	V	240.0	13.6
5053.000000	---	47.30	54.00	6.70	500.0	200.0	V	113.0	14.9
5262.125000	59.89	---	68.20	8.31	500.0	100.0	H	0.0	16.4
7938.750000	61.35	---	68.20	6.85	500.0	200.0	V	359.0	19.9



Radiates Emission from 8GHz to 18GHz

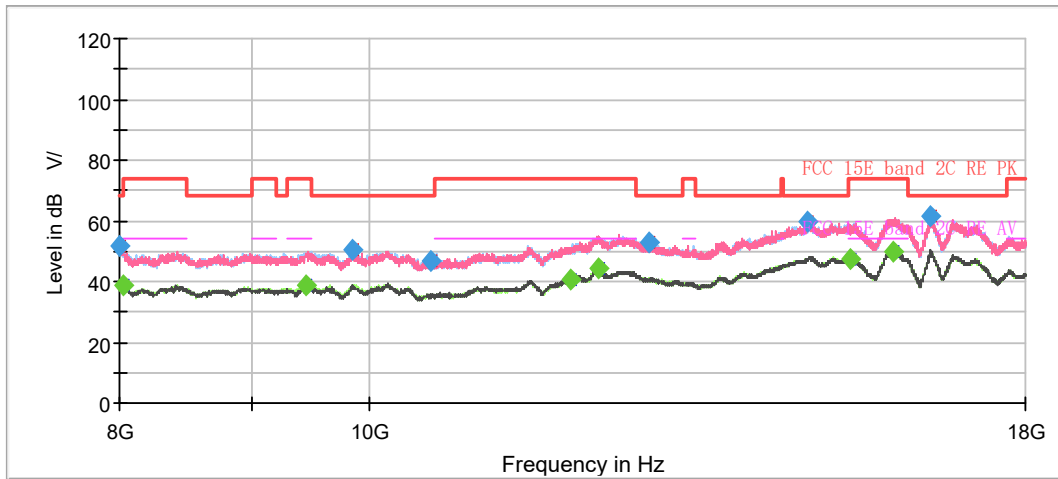
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8001.250000	50.93	---	68.20	17.27	500.0	100.0	H	142.0	9.9
8032.500000	---	38.96	54.00	15.04	500.0	100.0	H	64.0	8.7
9496.250000	---	39.00	54.00	15.00	500.0	200.0	H	253.0	9.2
9500.000000	49.93	---	68.20	18.27	500.0	200.0	H	240.0	9.2
10566.250000	47.10	---	68.20	21.10	500.0	100.0	V	285.0	6.6
11978.750000	---	40.63	54.00	13.37	500.0	200.0	V	1.0	11.7
12280.000000	---	44.17	54.00	9.83	500.0	100.0	V	271.0	14.5
12845.000000	53.40	---	68.20	14.80	500.0	200.0	H	0.0	12.3
15136.250000	59.11	---	68.20	9.09	500.0	200.0	V	24.0	17.6
15433.750000	---	47.60	54.00	6.40	500.0	200.0	H	359.0	18.2
15953.750000	---	49.53	54.00	4.47	500.0	200.0	V	144.0	19.6
16540.000000	61.16	---	68.20	7.04	500.0	200.0	V	11.0	20.7

802.11n (HT20) CH144



Radiates Emission from 1GHz to 8GHz

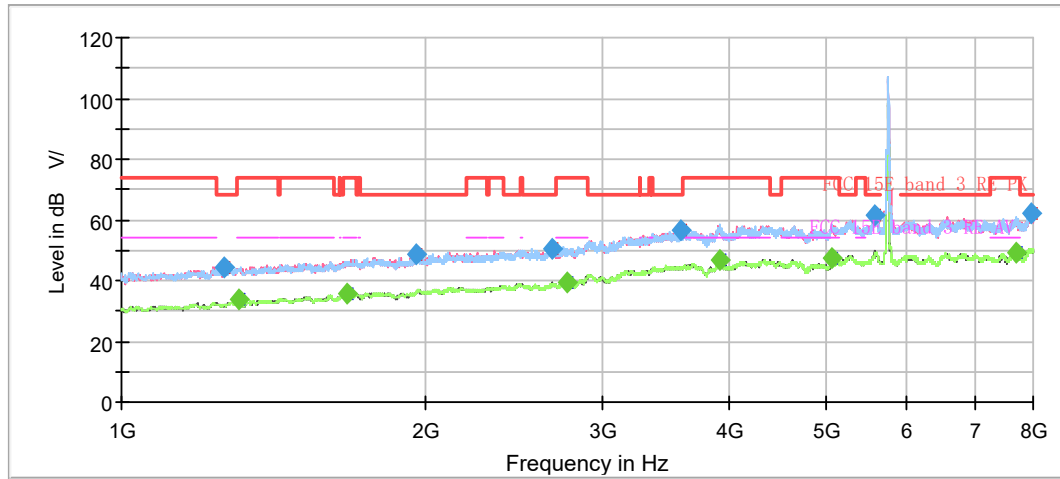
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1287.000000	44.39	---	68.20	23.81	500.0	200.0	V	273.0	-3.1
1307.125000	---	33.87	54.00	20.13	500.0	100.0	H	350.0	-2.1
1686.000000	---	35.64	54.00	18.36	500.0	200.0	V	357.0	0.4
1975.625000	48.33	---	68.20	19.87	500.0	100.0	V	188.0	2.0
2677.375000	50.25	---	68.20	17.95	500.0	100.0	V	70.0	5.7
2789.375000	---	39.23	54.00	14.77	500.0	100.0	H	318.0	5.8
3480.625000	56.07	---	68.20	12.13	500.0	100.0	H	153.0	10.4
3910.250000	---	47.01	54.00	6.99	500.0	100.0	V	220.0	13.6
5057.375000	---	47.29	54.00	6.71	500.0	200.0	V	116.0	15.2
5253.375000	59.20	---	68.20	9.00	500.0	200.0	V	234.0	16.1
7693.750000	---	49.46	54.00	4.54	500.0	200.0	V	261.0	19.3
7996.500000	62.30	---	68.20	5.90	500.0	200.0	V	221.0	19.9



Radiates Emission from 8GHz to 18GHz

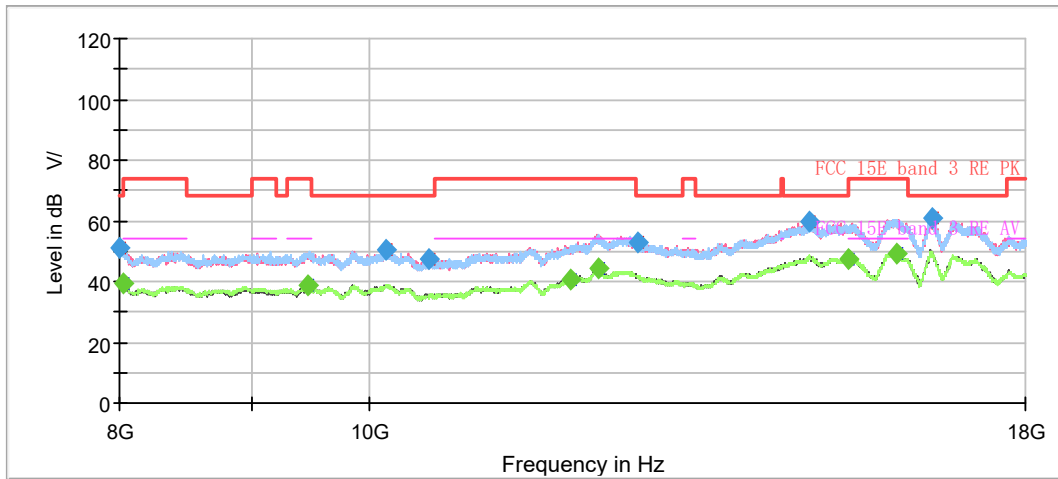
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8000.000000	51.48	---	68.20	16.72	500.0	100.0	H	109.0	9.9
8031.250000	---	38.90	54.00	15.10	500.0	100.0	H	0.0	8.7
9451.250000	---	38.98	54.00	15.02	500.0	200.0	H	240.0	9.1
9855.000000	50.55	---	68.20	17.65	500.0	100.0	H	23.0	9.5
10566.250000	46.90	---	68.20	21.30	500.0	200.0	V	138.0	6.6
11976.250000	---	40.64	54.00	13.36	500.0	200.0	H	0.0	11.7
12293.750000	---	44.17	54.00	9.83	500.0	100.0	V	0.0	14.3
12856.250000	53.17	---	68.20	15.03	500.0	200.0	V	334.0	12.3
14807.500000	59.46	---	68.20	8.74	500.0	200.0	V	138.0	19.2
15381.250000	---	47.68	54.00	6.32	500.0	100.0	V	53.0	17.9
15996.250000	---	49.71	54.00	4.29	500.0	100.0	V	347.0	20.0
16530.000000	61.50	---	68.20	6.70	500.0	200.0	V	0.0	20.0

802.11n (HT20) CH149



Radiates Emission from 1GHz to 8GHz

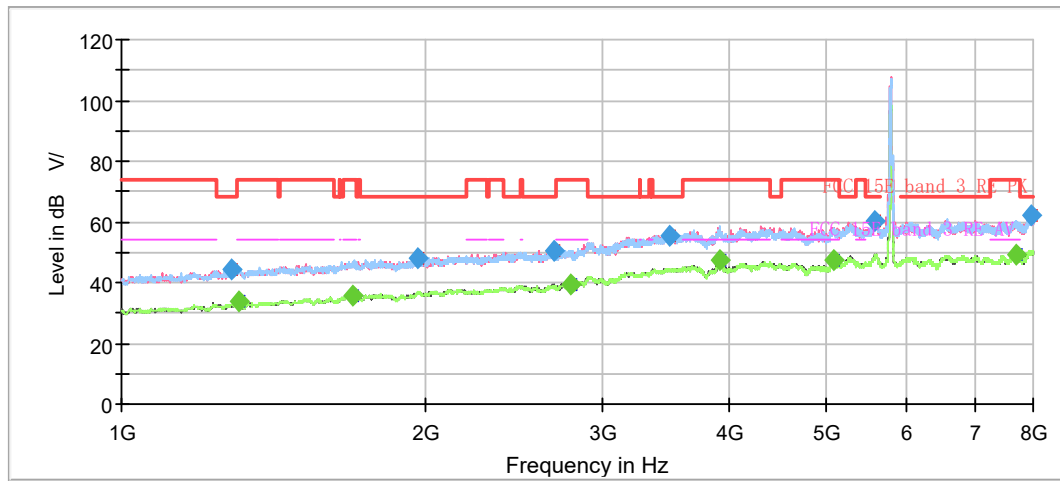
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1261.625000	44.06	---	68.20	24.14	500.0	200.0	V	92.0	-3.8
1304.500000	---	33.56	54.00	20.44	500.0	200.0	H	261.0	-2.4
1675.500000	---	35.75	54.00	18.25	500.0	200.0	H	139.0	0.4
1956.375000	48.46	---	68.20	19.74	500.0	200.0	H	248.0	1.6
2670.375000	50.74	---	68.20	17.46	500.0	100.0	V	204.0	5.5
2768.375000	---	39.39	54.00	14.61	500.0	200.0	V	33.0	5.7
3578.625000	56.42	---	68.20	11.78	500.0	200.0	V	260.0	10.5
3907.625000	---	47.02	54.00	6.98	500.0	100.0	H	274.0	13.6
5061.750000	---	47.24	54.00	6.76	500.0	100.0	H	43.0	15.4
5578.000000	61.52	---	68.20	6.68	500.0	100.0	H	0.0	17.4
7696.375000	---	49.48	54.00	4.52	500.0	100.0	V	178.0	19.2
7950.125000	61.91	---	68.20	6.29	500.0	100.0	H	36.0	19.9



Radiates Emission from 8GHz to 18GHz

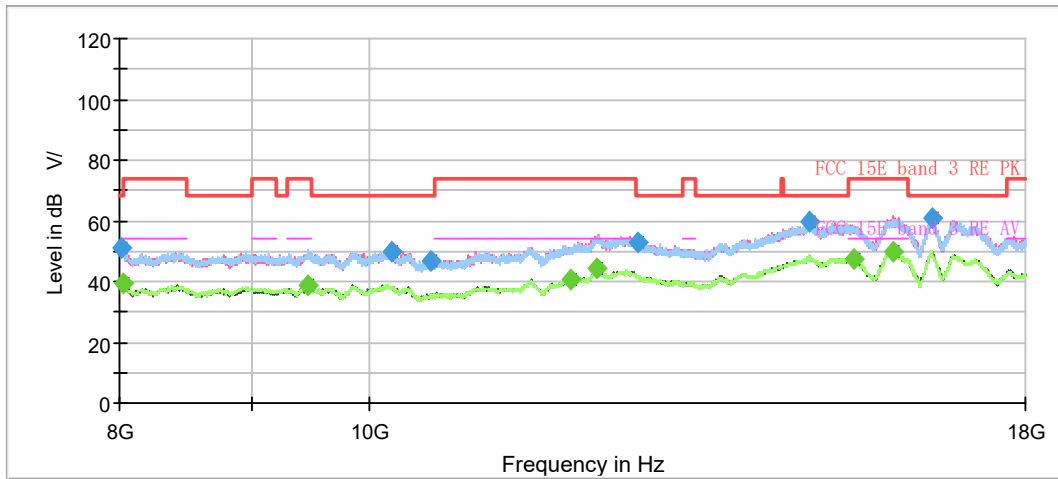
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8001.250000	51.01	---	68.20	17.19	500.0	100.0	H	0.0	9.9
8028.750000	---	39.16	54.00	14.84	500.0	200.0	H	148.0	8.8
9465.000000	---	38.86	54.00	15.14	500.0	100.0	V	82.0	9.3
10148.750000	50.68	---	68.20	17.52	500.0	200.0	V	0.0	9.2
10546.250000	47.17	---	68.20	21.03	500.0	100.0	V	266.0	6.5
11983.750000	---	40.65	54.00	13.35	500.0	100.0	V	308.0	11.8
12281.250000	---	44.07	54.00	9.93	500.0	200.0	H	161.0	14.5
12713.750000	53.14	---	68.20	15.06	500.0	200.0	H	174.0	12.8
14831.250000	59.80	---	68.20	8.40	500.0	200.0	H	0.0	19.3
15372.500000	---	47.64	54.00	6.36	500.0	200.0	V	275.0	17.8
16032.500000	---	49.49	54.00	4.51	500.0	200.0	V	249.0	20.2
16551.250000	61.09	---	68.20	7.11	500.0	200.0	V	0.0	20.5

802.11n (HT20) CH157



Radiates Emission from 1GHz to 8GHz

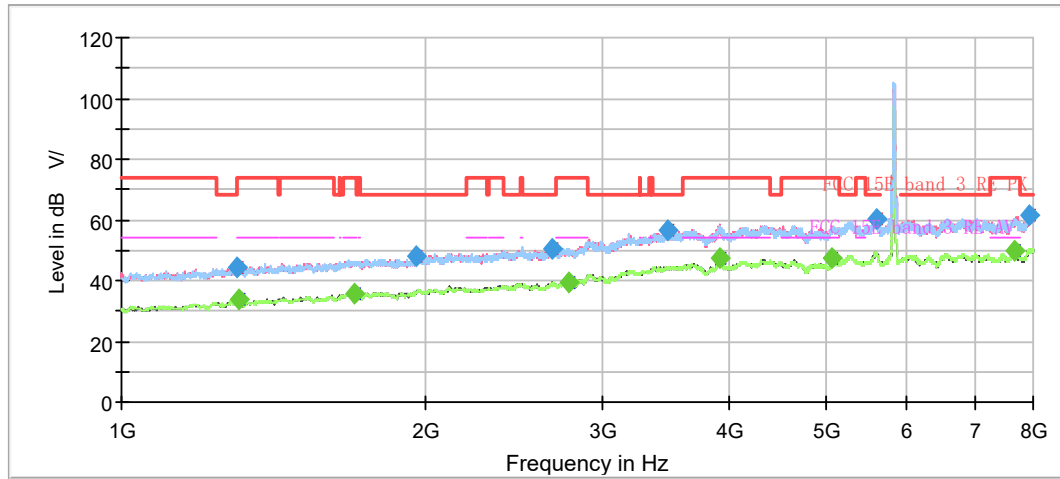
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1287.000000	44.22	---	68.20	23.99	500.0	200.0	V	171.0	-3.1
1308.875000	---	33.93	54.00	20.07	500.0	100.0	V	295.0	-2.1
1692.125000	---	35.71	54.00	18.29	500.0	200.0	V	43.0	0.3
1966.875000	48.18	---	68.20	20.02	500.0	100.0	V	308.0	2.3
2679.125000	50.30	---	68.20	17.90	500.0	100.0	H	0.0	5.7
2785.000000	---	39.53	54.00	14.47	500.0	200.0	H	317.0	5.8
3495.500000	55.68	---	68.20	12.52	500.0	200.0	H	305.0	10.4
3911.125000	---	47.14	54.00	6.86	500.0	100.0	V	82.0	13.6
5086.250000	---	47.21	54.00	6.79	500.0	200.0	V	203.0	14.8
5575.375000	60.61	---	68.20	7.59	500.0	200.0	H	298.0	17.3
7688.500000	---	49.47	54.00	4.53	500.0	100.0	V	198.0	19.3
7952.750000	61.90	---	68.20	6.30	500.0	100.0	V	198.0	19.9



Radiates Emission from 8GHz to 18GHz

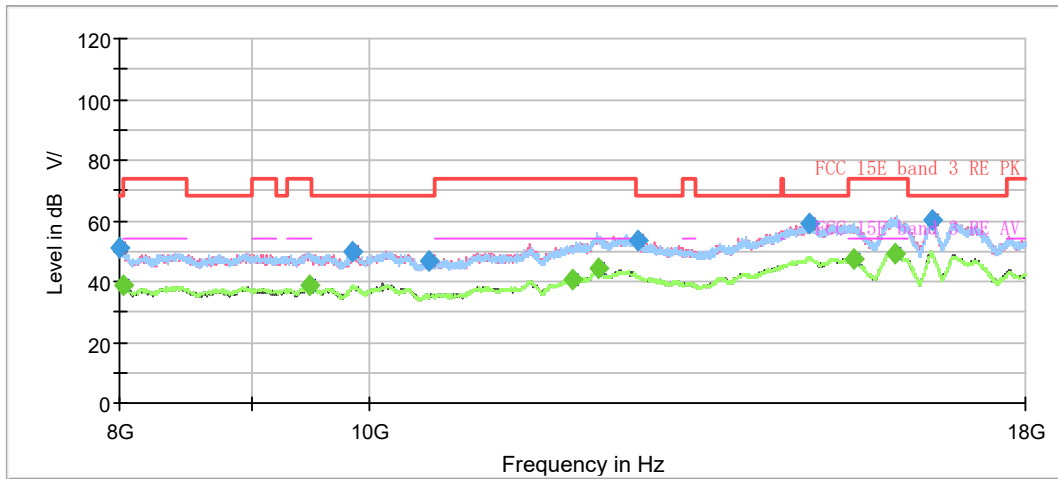
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8007.500000	50.87	---	68.20	17.33	500.0	200.0	H	274.0	9.6
8030.000000	---	39.26	54.00	14.74	500.0	200.0	H	77.0	8.8
9468.750000	---	38.53	54.00	15.47	500.0	100.0	V	49.0	9.4
10213.750000	49.93	---	68.20	18.27	500.0	200.0	V	265.0	8.5
10573.750000	46.53	---	68.20	21.67	500.0	200.0	H	130.0	6.7
11976.250000	---	40.49	54.00	13.51	500.0	100.0	H	242.0	11.7
12271.250000	---	44.16	54.00	9.84	500.0	200.0	H	0.0	14.6
12712.500000	53.03	---	68.20	15.17	500.0	100.0	V	10.0	12.8
14841.250000	59.42	---	68.20	8.78	500.0	200.0	V	108.0	19.1
15428.750000	---	47.46	54.00	6.54	500.0	200.0	H	1.0	18.3
15990.000000	---	49.55	54.00	4.45	500.0	200.0	H	1.0	20.0
16558.750000	60.65	---	68.20	7.55	500.0	200.0	V	290.0	20.1

802.11n (HT20) CH165



Radiates Emission from 1GHz to 8GHz

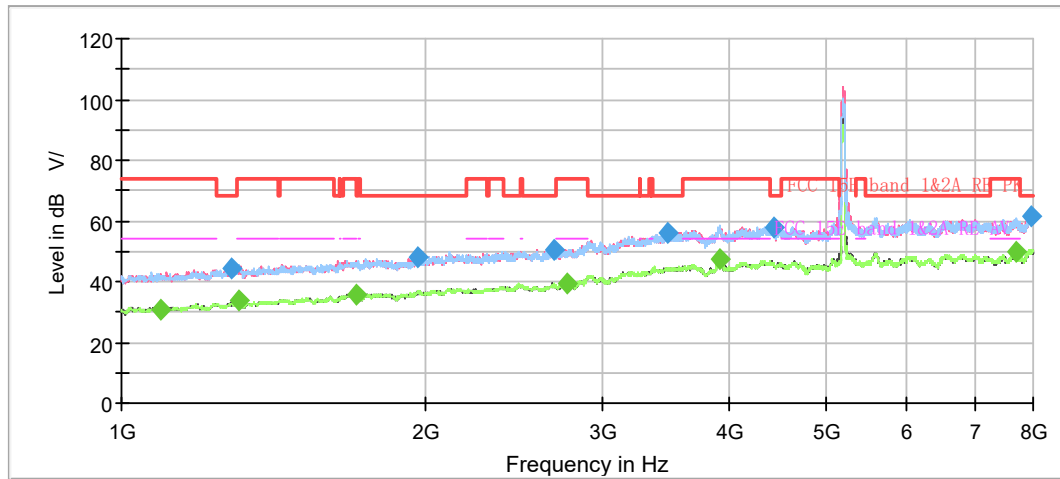
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1299.250000	44.59	---	68.20	23.61	500.0	100.0	V	311.0	-2.9
1308.000000	---	33.73	54.00	20.27	500.0	100.0	H	306.0	-2.0
1698.250000	---	35.70	54.00	18.30	500.0	200.0	V	25.0	0.4
1956.375000	47.80	---	68.20	20.40	500.0	100.0	V	0.0	1.6
2672.125000	50.67	---	68.20	17.53	500.0	200.0	H	229.0	5.6
2778.000000	---	39.53	54.00	14.47	500.0	200.0	H	216.0	5.8
3479.750000	56.58	---	68.20	11.62	500.0	100.0	H	88.0	10.4
3909.375000	---	47.22	54.00	6.78	500.0	200.0	V	25.0	13.7
5061.750000	---	47.08	54.00	6.92	500.0	200.0	H	357.0	15.4
5588.500000	60.22	---	68.20	7.98	500.0	200.0	H	151.0	18.0
7671.000000	---	49.55	54.00	4.45	500.0	100.0	H	8.0	18.9
7922.125000	61.81	---	68.20	6.39	500.0	200.0	H	99.0	19.9



Radiates Emission from 8GHz to 18GHz

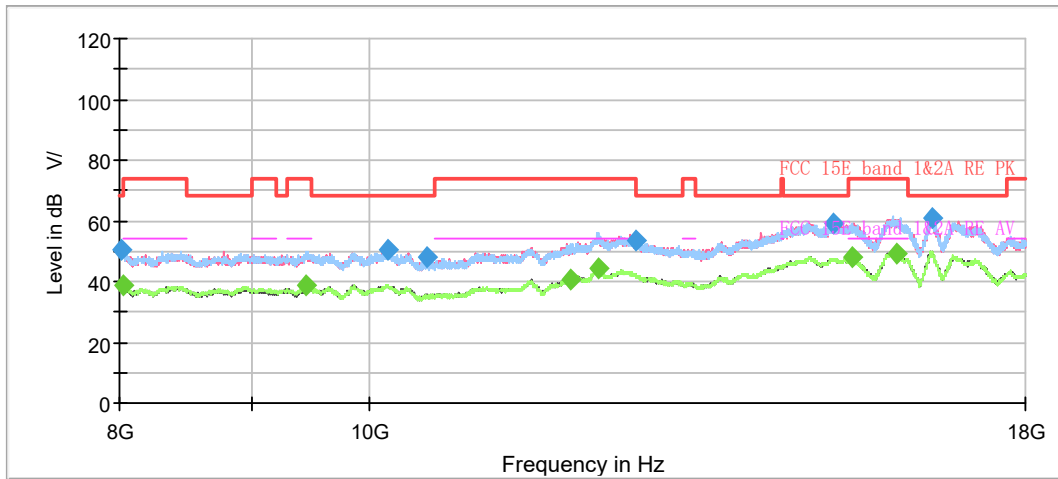
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8005.000000	51.38	---	68.20	16.82	500.0	200.0	V	292.0	9.7
8030.000000	---	38.84	54.00	15.16	500.0	100.0	H	0.0	8.8
9480.000000	---	38.60	54.00	15.40	500.0	100.0	H	0.0	9.5
9851.250000	50.12	---	68.20	18.08	500.0	100.0	V	22.0	9.4
10557.500000	46.70	---	68.20	21.50	500.0	200.0	H	130.0	6.6
11992.500000	---	40.65	54.00	13.35	500.0	100.0	H	0.0	11.9
12273.750000	---	44.32	54.00	9.68	500.0	100.0	V	200.0	14.6
12711.250000	53.64	---	68.20	14.56	500.0	100.0	V	61.0	12.8
14841.250000	59.16	---	68.20	9.04	500.0	200.0	H	0.0	19.1
15445.000000	---	47.45	54.00	6.55	500.0	100.0	H	0.0	17.9
16022.500000	---	49.43	54.00	4.57	500.0	200.0	H	293.0	20.1
16552.500000	60.54	---	68.20	7.66	500.0	100.0	V	47.0	20.4

802.11n (HT40) CH38



Radiates Emission from 1GHz to 8GHz

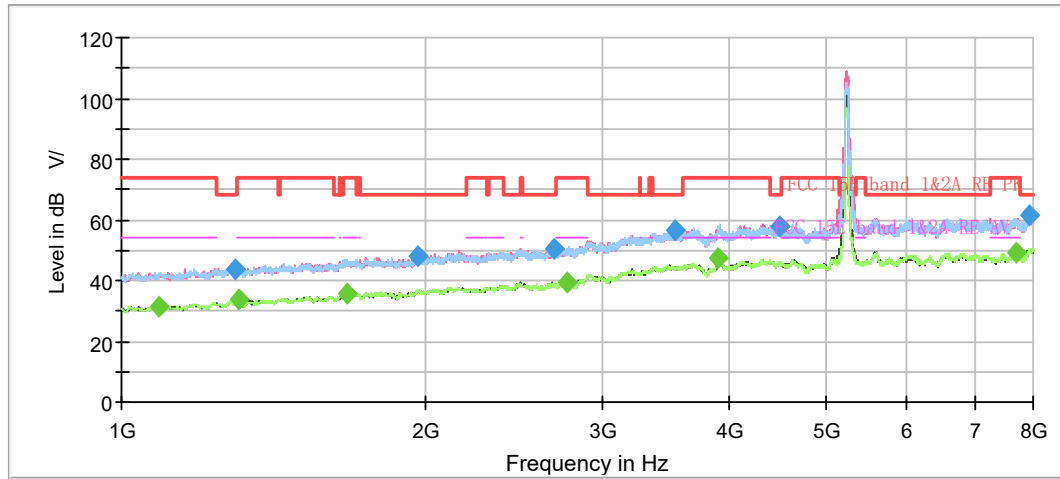
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1091.875000	---	30.81	54.00	23.19	500.0	100.0	V	175.0	-5.2
1282.625000	44.02	---	68.20	24.18	500.0	200.0	V	0.0	-3.0
1309.750000	---	33.71	54.00	20.29	500.0	200.0	V	72.0	-2.2
1705.250000	---	35.65	54.00	18.35	500.0	200.0	V	135.0	0.4
1962.500000	48.24	---	68.20	19.96	500.0	100.0	H	0.0	2.0
2679.125000	50.51	---	68.20	17.69	500.0	200.0	H	89.0	5.7
2765.750000	---	39.32	54.00	14.68	500.0	100.0	V	83.0	5.7
3479.750000	56.11	---	68.20	12.09	500.0	100.0	V	355.0	10.4
3909.375000	---	47.29	54.00	6.71	500.0	200.0	V	39.0	13.7
4421.250000	57.54	---	68.20	10.66	500.0	200.0	H	179.0	13.2
7685.875000	---	49.59	54.00	4.41	500.0	100.0	H	46.0	19.3
7951.000000	61.40	---	68.20	6.80	500.0	200.0	V	78.0	19.9



Radiates Emission from 8GHz to 18GHz

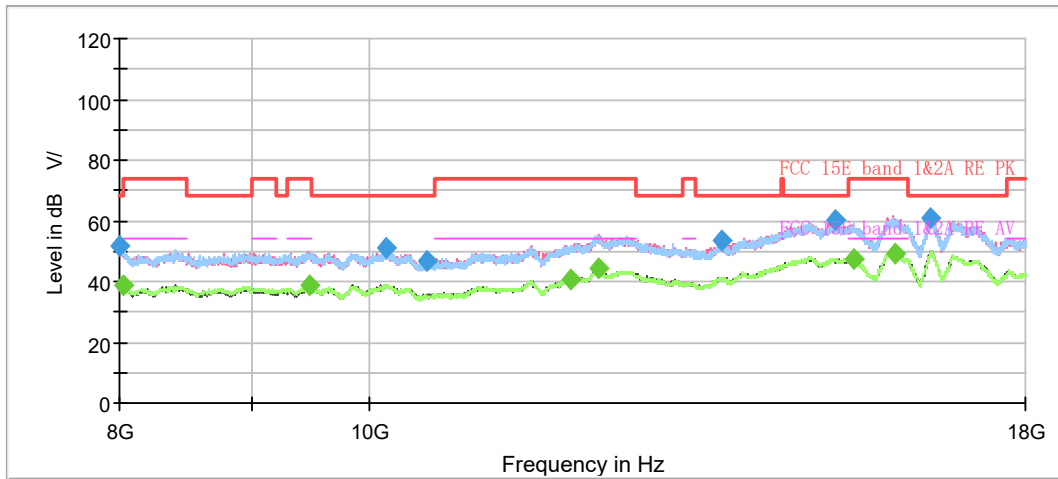
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8011.250000	50.58	---	68.20	17.62	500.0	200.0	V	0.0	9.5
8026.250000	---	38.92	54.00	15.08	500.0	200.0	V	312.0	8.9
9452.500000	---	38.52	54.00	15.48	500.0	200.0	H	10.0	9.1
10172.500000	50.36	---	68.20	17.84	500.0	200.0	H	141.0	9.1
10527.500000	47.98	---	68.20	20.22	500.0	100.0	V	319.0	6.3
11986.250000	---	40.79	54.00	13.21	500.0	100.0	V	0.0	11.8
12285.000000	---	44.10	54.00	9.90	500.0	200.0	V	200.0	14.4
12703.750000	53.50	---	68.20	14.70	500.0	200.0	V	214.0	12.9
15163.750000	59.29	---	68.20	8.91	500.0	100.0	V	306.0	17.5
15417.500000	---	47.72	54.00	6.28	500.0	200.0	V	253.0	18.2
16041.250000	---	49.40	54.00	4.60	500.0	200.0	V	253.0	20.2
16560.000000	61.13	---	68.20	7.07	500.0	200.0	V	352.0	20.0

802.11n (HT40) CH46



Radiates Emission from 1GHz to 8GHz

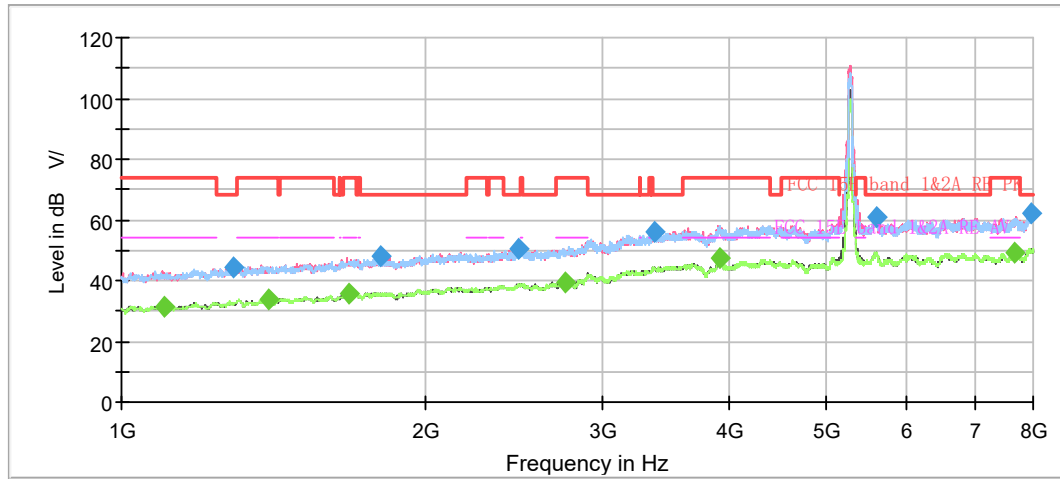
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1089.250000	---	31.17	54.00	22.83	500.0	100.0	V	234.0	-5.3
1297.500000	43.94	---	68.20	24.26	500.0	200.0	V	97.0	-3.0
1308.875000	---	34.12	54.00	19.88	500.0	100.0	H	256.0	-2.1
1676.375000	---	35.79	54.00	18.21	500.0	200.0	H	250.0	0.4
1965.125000	47.97	---	68.20	20.23	500.0	200.0	V	13.0	2.2
2680.000000	50.33	---	68.20	17.87	500.0	100.0	H	224.0	5.6
2764.000000	---	39.51	54.00	14.49	500.0	100.0	V	0.0	5.7
3542.750000	56.36	---	68.20	11.84	500.0	200.0	V	13.0	10.3
3906.750000	---	47.17	54.00	6.83	500.0	100.0	H	6.0	13.5
4477.250000	57.61	---	68.20	10.59	500.0	200.0	V	148.0	12.9
7695.500000	---	49.41	54.00	4.59	500.0	100.0	V	356.0	19.3
7935.250000	61.55	---	68.20	6.65	500.0	200.0	V	1.0	19.9



Radiates Emission from 8GHz to 18GHz

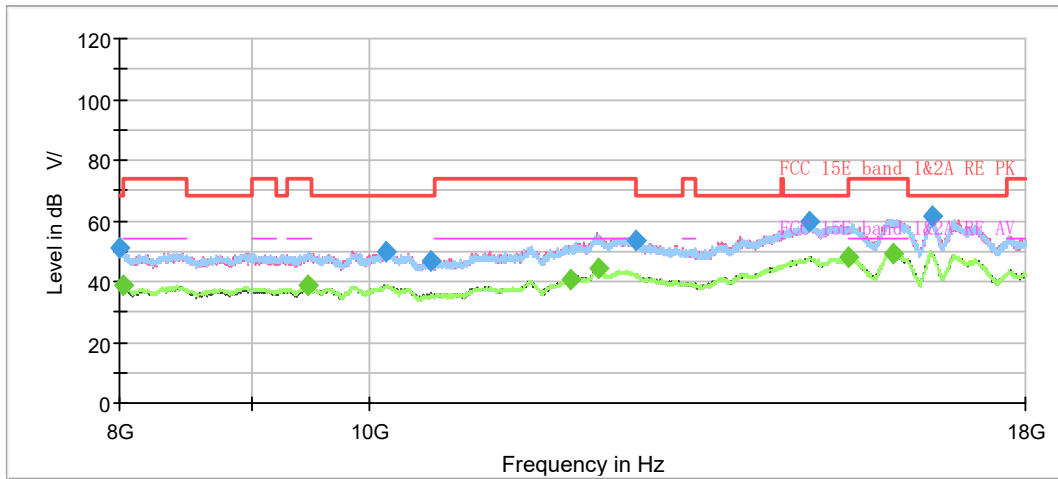
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8001.250000	51.42	---	68.20	16.78	500.0	100.0	H	305.0	9.9
8027.500000	---	38.93	54.00	15.07	500.0	100.0	H	353.0	8.9
9483.750000	---	38.71	54.00	15.29	500.0	200.0	H	176.0	9.4
10161.250000	50.99	---	68.20	17.21	500.0	100.0	V	0.0	9.3
10533.750000	46.80	---	68.20	21.40	500.0	200.0	V	294.0	6.4
11981.250000	---	40.53	54.00	13.47	500.0	200.0	V	176.0	11.8
12275.000000	---	44.17	54.00	9.83	500.0	200.0	H	97.0	14.6
13706.250000	53.81	---	68.20	14.39	500.0	200.0	V	332.0	13.0
15188.750000	60.27	---	68.20	7.93	500.0	200.0	H	123.0	17.3
15428.750000	---	47.65	54.00	6.35	500.0	200.0	V	0.0	18.3
16025.000000	---	49.37	54.00	4.63	500.0	100.0	V	0.0	20.2
16543.750000	60.64	---	68.20	7.56	500.0	100.0	V	109.0	20.9

802.11n (HT40) CH54



Radiates Emission from 1GHz to 8GHz

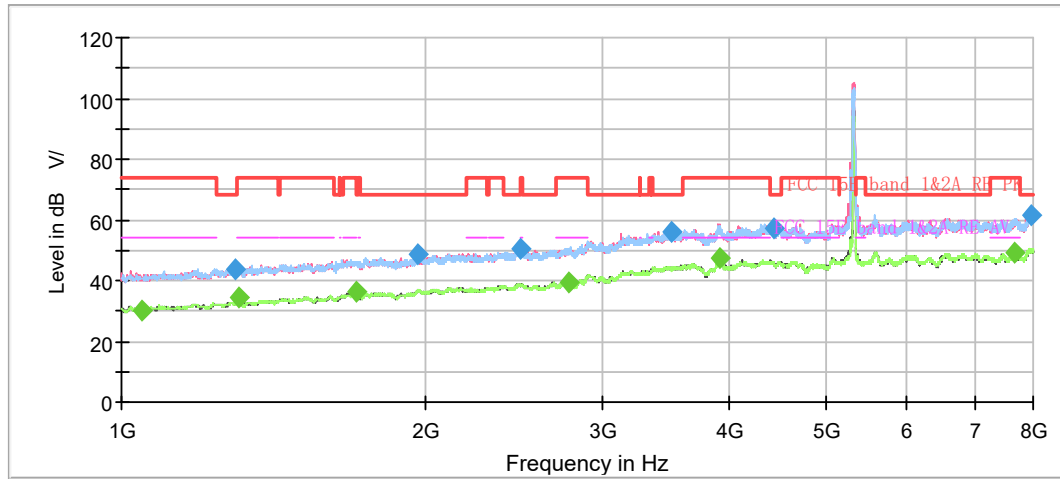
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1104.125000	---	31.16	54.00	22.84	500.0	200.0	H	290.0	-5.0
1293.125000	44.14	---	68.20	24.06	500.0	200.0	H	238.0	-3.2
1399.000000	---	33.97	54.00	20.03	500.0	200.0	V	0.0	-2.3
1678.125000	---	35.76	54.00	18.24	500.0	100.0	H	69.0	0.4
1809.375000	47.89	---	68.20	20.31	500.0	200.0	V	43.0	0.8
2476.125000	50.32	---	68.20	17.88	500.0	100.0	V	259.0	5.1
2747.375000	---	39.62	54.00	14.38	500.0	100.0	H	23.0	5.6
3380.000000	55.94	---	68.20	12.26	500.0	200.0	V	188.0	10.1
3907.625000	---	47.33	54.00	6.67	500.0	200.0	V	43.0	13.6
5600.750000	60.93	---	68.20	7.27	500.0	100.0	V	227.0	17.6
7683.250000	---	49.35	54.00	4.65	500.0	100.0	H	69.0	19.2
7952.750000	61.89	---	68.20	6.31	500.0	200.0	H	206.0	19.9



Radiates Emission from 8GHz to 18GHz

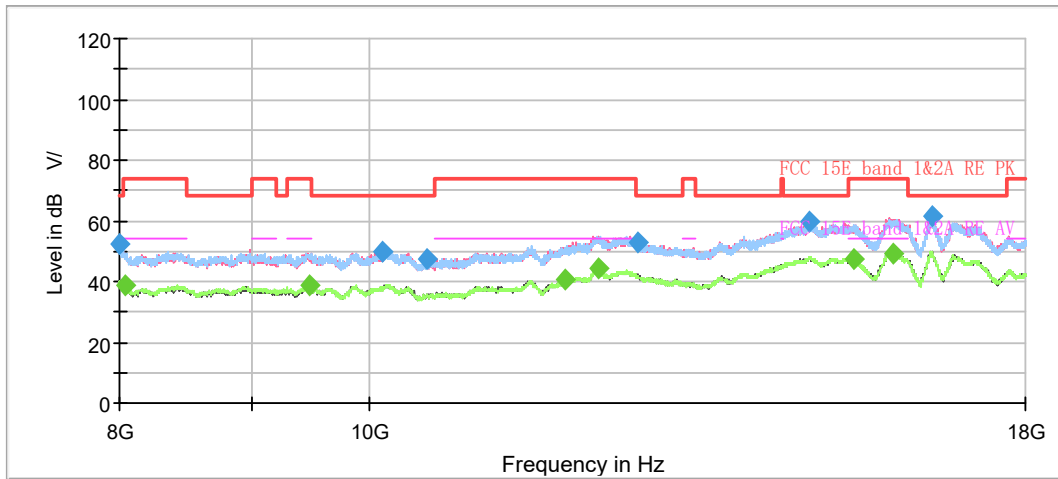
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8000.000000	51.25	---	68.20	16.95	500.0	200.0	H	148.0	9.9
8028.750000	---	38.86	54.00	15.14	500.0	200.0	H	349.0	8.8
9466.250000	---	38.74	54.00	15.26	500.0	100.0	H	343.0	9.4
10162.500000	49.71	---	68.20	18.49	500.0	100.0	H	0.0	9.3
10578.750000	46.51	---	68.20	21.69	500.0	200.0	H	56.0	6.7
11982.500000	---	40.92	54.00	13.08	500.0	100.0	V	55.0	11.8
12281.250000	---	44.08	54.00	9.92	500.0	100.0	V	68.0	14.5
12700.000000	53.83	---	68.20	14.37	500.0	200.0	V	24.0	12.9
14827.500000	59.86	---	68.20	8.34	500.0	200.0	H	82.0	19.4
15367.500000	---	48.06	54.00	5.94	500.0	200.0	V	160.0	17.7
15986.250000	---	49.50	54.00	4.50	500.0	100.0	V	3.0	19.9
16553.750000	61.35	---	68.20	6.85	500.0	100.0	V	41.0	20.3

802.11n (HT40) CH62



Radiates Emission from 1GHz to 8GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1049.875000	---	30.15	54.00	23.85	500.0	200.0	V	23.0	-6.2
1297.500000	43.79	---	68.20	24.41	500.0	200.0	H	126.0	-3.0
1308.875000	---	34.36	54.00	19.64	500.0	100.0	H	46.0	-2.1
1707.000000	---	36.04	54.00	17.96	500.0	200.0	V	121.0	0.5
1964.250000	48.81	---	68.20	19.39	500.0	100.0	H	131.0	2.1
2481.375000	50.55	---	68.20	17.65	500.0	100.0	H	100.0	5.0
2778.000000	---	39.27	54.00	14.73	500.0	200.0	V	42.0	5.8
3513.000000	55.90	---	68.20	12.30	500.0	100.0	V	209.0	10.3
3909.375000	---	47.25	54.00	6.75	500.0	200.0	V	172.0	13.7
4423.875000	57.02	---	68.20	11.18	500.0	200.0	V	320.0	13.1
7677.125000	---	49.52	54.00	4.48	500.0	100.0	H	79.0	19.0
7976.375000	61.48	---	68.20	6.72	500.0	100.0	V	234.0	19.9



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8001.250000	52.08	---	68.20	16.12	500.0	200.0	H	146.0	9.9
8033.750000	---	39.00	54.00	15.00	500.0	200.0	H	134.0	8.6
9482.500000	---	38.50	54.00	15.50	500.0	100.0	H	329.0	9.5
10130.000000	50.08	---	68.20	18.12	500.0	100.0	V	217.0	8.9
10531.250000	47.20	---	68.20	21.00	500.0	100.0	V	24.0	6.4
11930.000000	---	40.91	54.00	13.09	500.0	200.0	V	52.0	11.1
12276.250000	---	44.08	54.00	9.92	500.0	100.0	V	114.0	14.6
12716.250000	53.01	---	68.20	15.19	500.0	100.0	V	346.0	12.8
14822.500000	59.75	---	68.20	8.45	500.0	200.0	H	0.0	19.3
15426.250000	---	47.60	54.00	6.40	500.0	200.0	H	320.0	18.3
15990.000000	---	49.39	54.00	4.61	500.0	100.0	V	24.0	20.0
16547.500000	61.67	---	68.20	6.53	500.0	100.0	H	133.0	20.7