

ANNEX A: Test Result

1. Unwanted Emission

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

1.1. Wi-Fi 5GHz

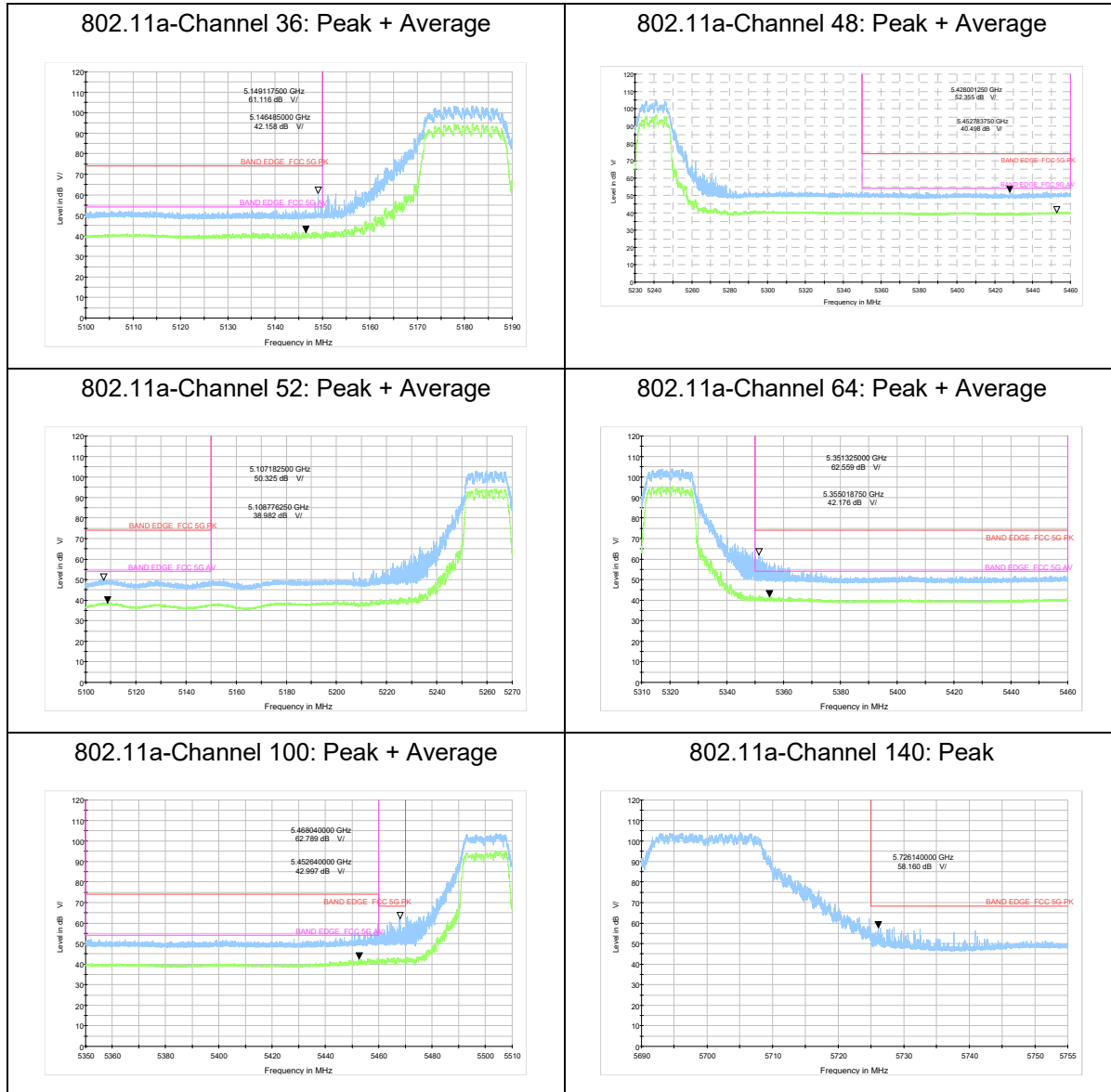
The following graphs display the maximum values of horizontal and vertical by software. Blue trace uses the peak detection, Green trace uses the average detection.

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

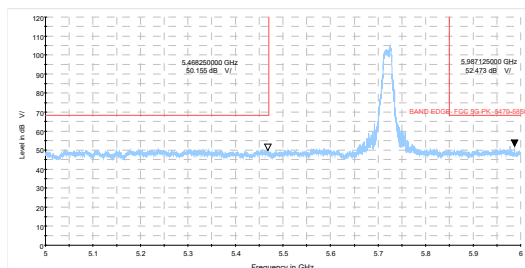
The modulation and bandwidth are similar for 802.11n mode for 20MHz/40MHz and 802.11ac mode for V20MHz/V40MHz, therefore investigated worst case to representative mode in test report.

The signal beyond the limit is carrier.

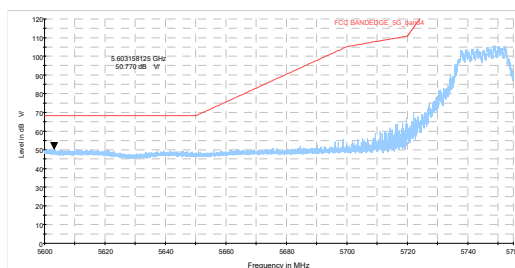
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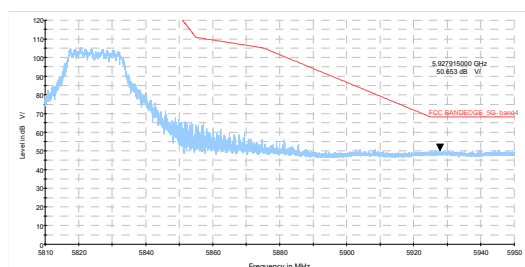
802.11a-Channel 144: Peak



802.11a-Channel 149: Peak

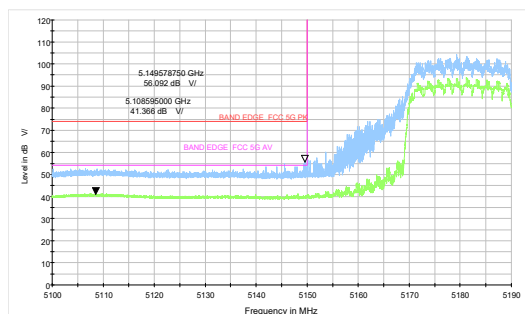


802.11a-Channel 165: Peak

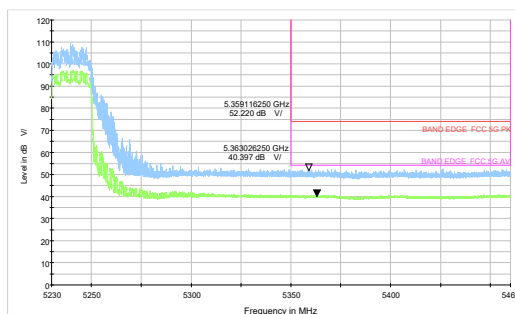


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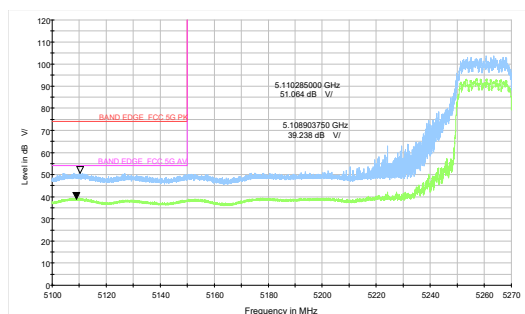
802.11n HT20-Channel 36: Peak + Average



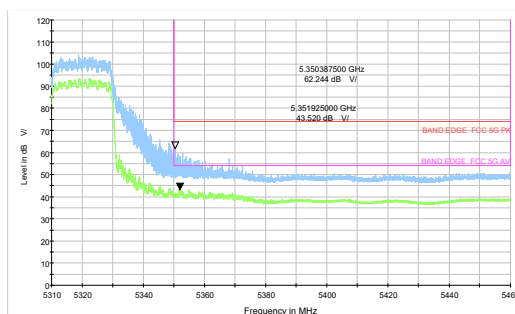
802.11n HT20-Channel 48: Peak + Average



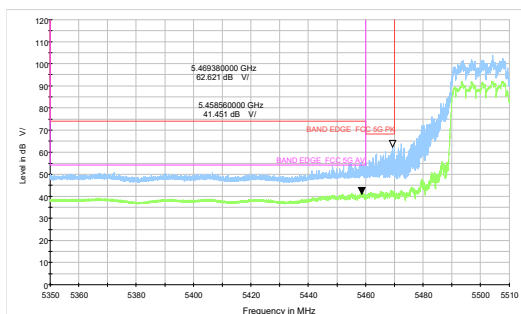
802.11n HT20-Channel 52: Peak + Average



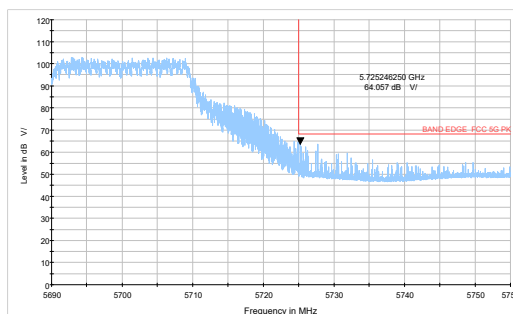
802.11n HT20-Channel 64: Peak + Average



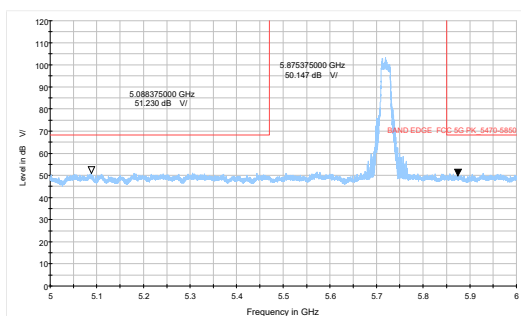
802.11n HT20-Channel 100: Peak + Average



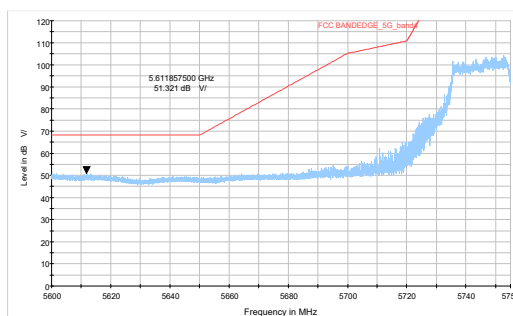
802.11n HT20-Channel 140: Peak



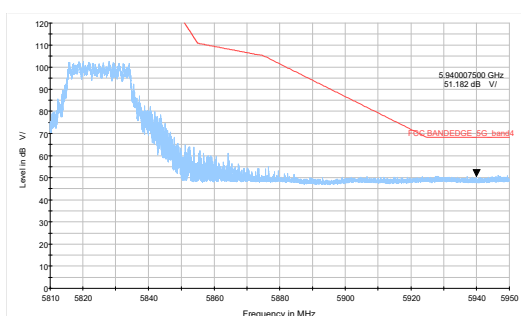
802.11n HT20-Channel 144: Peak



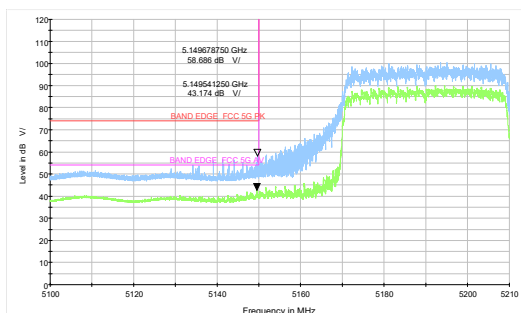
802.11n HT20-Channel 149: Peak



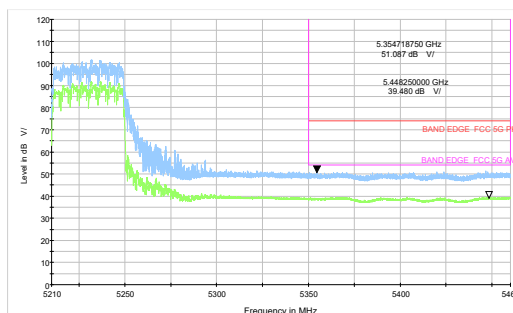
802.11n HT20-Channel 165: Peak



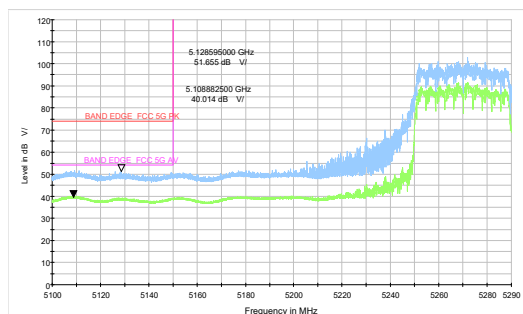
802.11n HT40-Channel 38: Peak + Average



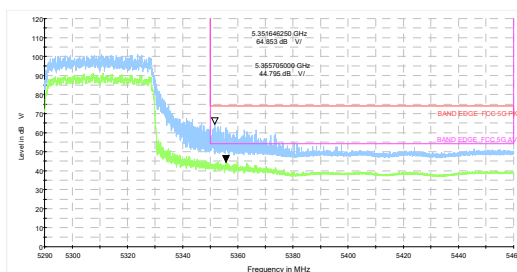
802.11n HT40-Channel 46: Peak + Average



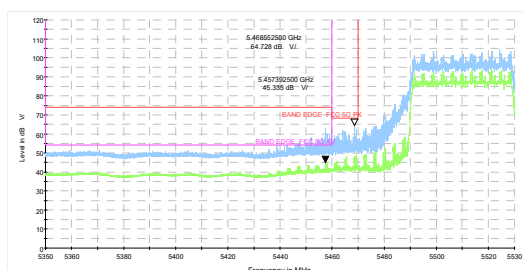
802.11n HT40-Channel 54: Peak + Average



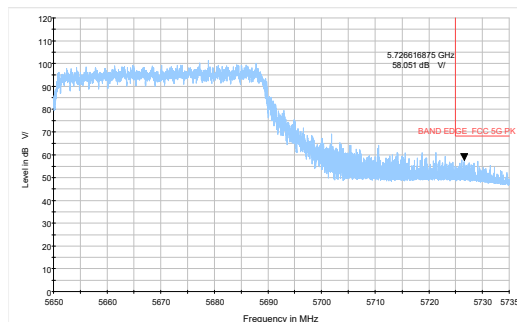
802.11n HT40-Channel 62: Peak + Average



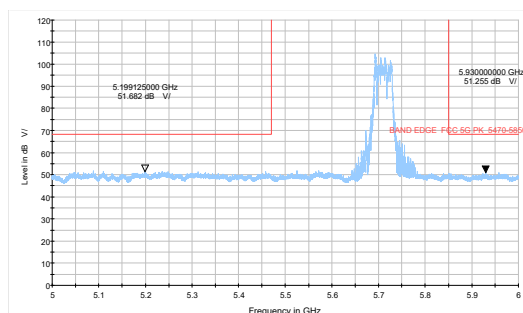
802.11n HT40-Channel 102: Peak + Average



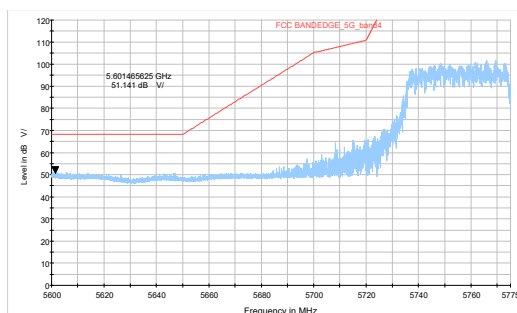
802.11n HT40-Channel 134: Peak



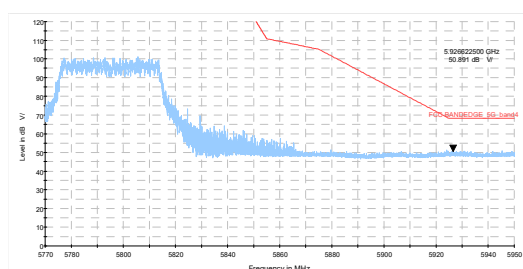
802.11n HT40-Channel 142: Peak



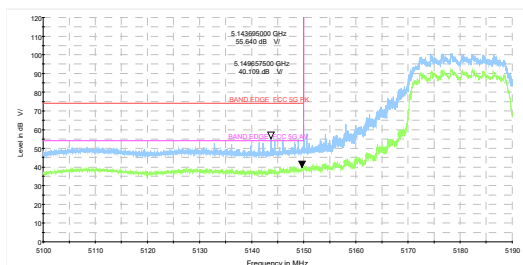
802.11n HT40-Channel 151: Peak



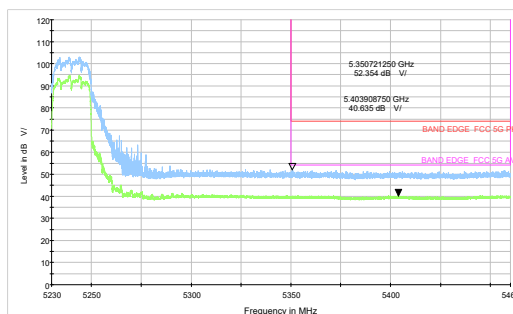
802.11n HT40-Channel 159: Peak



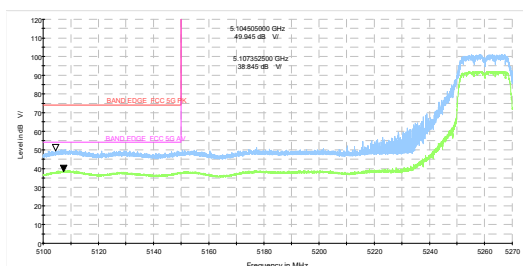
802.11ac VHT20 -Channel 36: Peak + Average



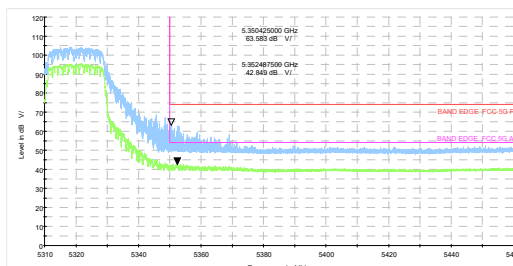
802.11ac VHT20 -Channel 48: Peak + Average



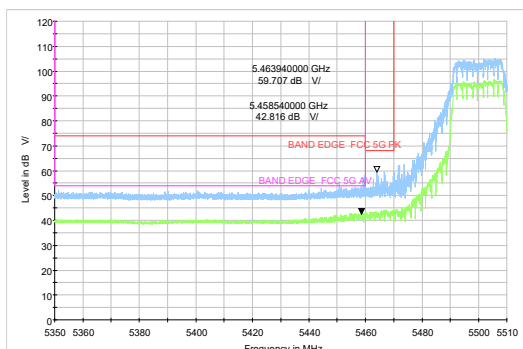
802.11ac VHT20 -Channel 52: Peak + Average



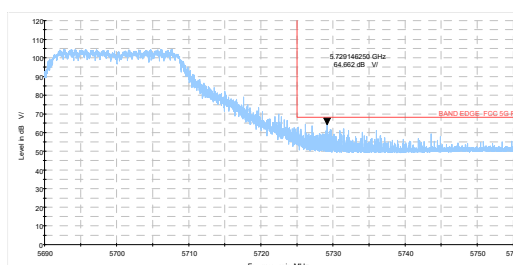
802.11ac VHT20 -Channel 64: Peak + Average



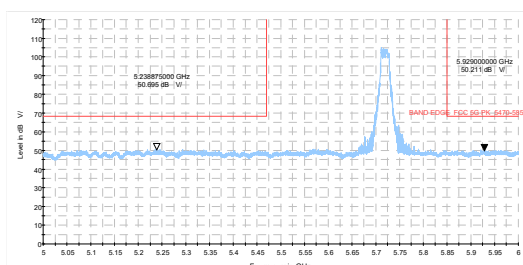
802.11ac VHT20-Channel 100: Peak



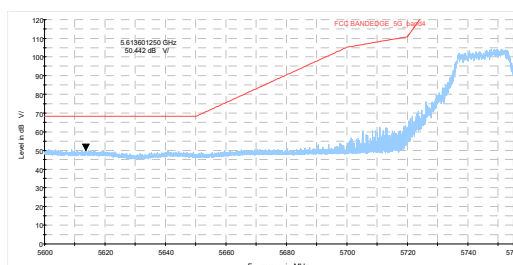
802.11ac VHT20-Channel 140: Peak



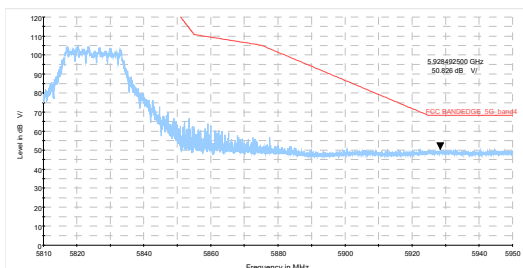
802.11ac VHT20-Channel 144: Peak



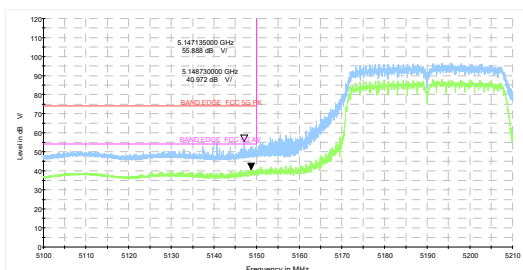
802.11ac VHT20-Channel 149: Peak



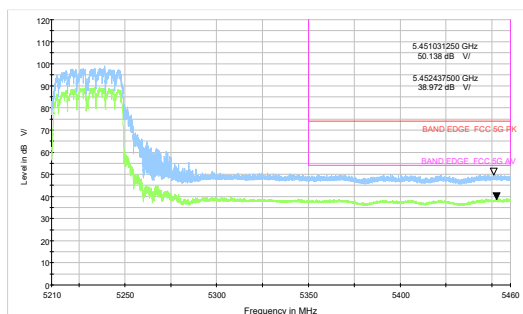
802.11ac VHT20-Channel 165: Peak



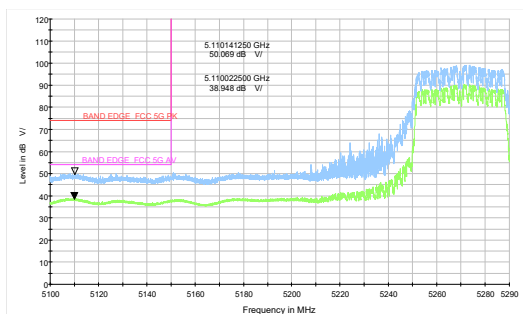
802.11ac VHT40-Channel 38: Peak + Average



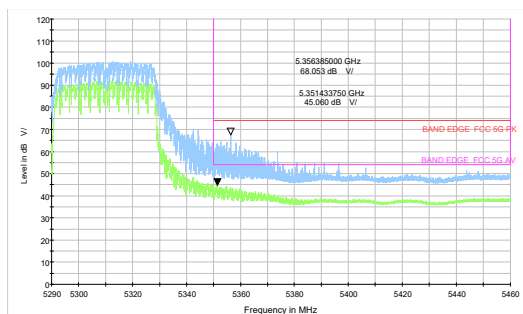
802.11ac VHT40-Channel 46: Peak + Average



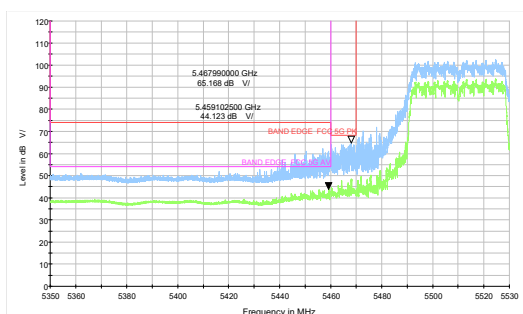
802.11ac VHT40-Channel 54: Peak + Average



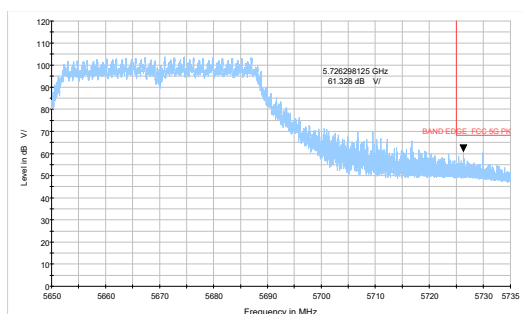
802.11ac VHT40-Channel 62: Peak + Average



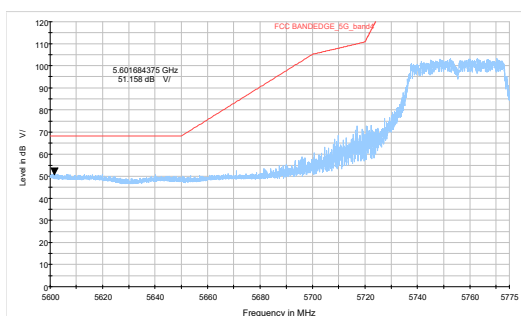
802.11ac VHT40-Channel 102: Peak + Average



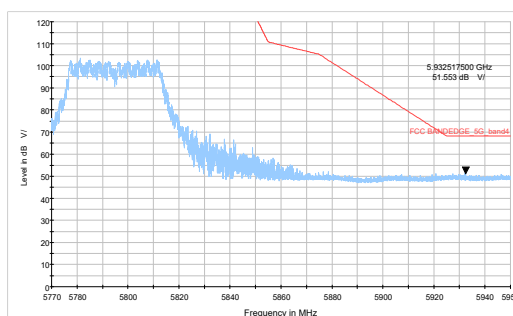
802.11ac VHT40-Channel 134: Peak



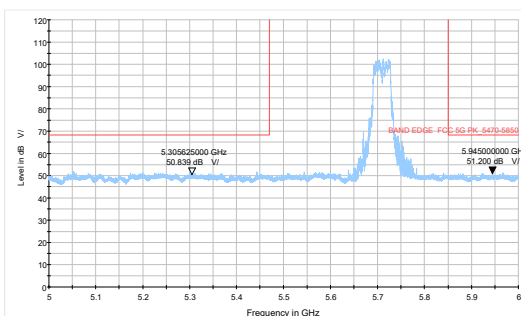
802.11ac VHT40-Channel 151: Peak



802.11ac VHT40-Channel 159: Peak

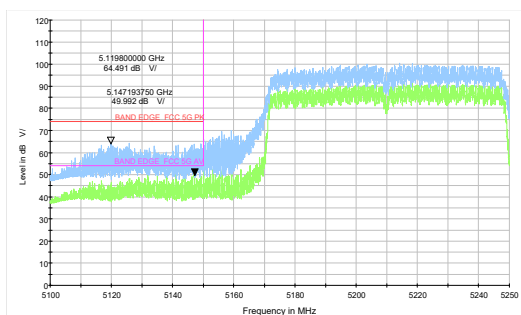


802.11ac VHT40-Channel 142: Peak

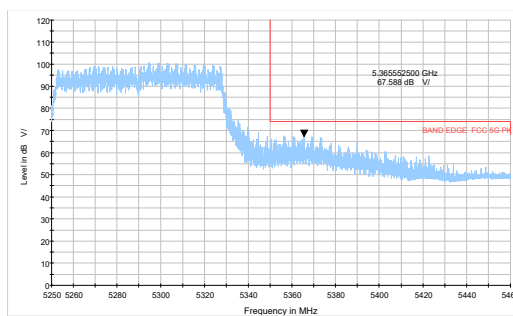
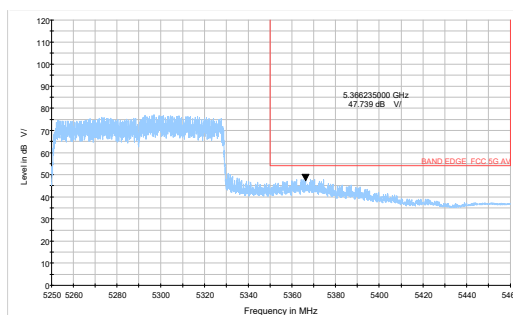


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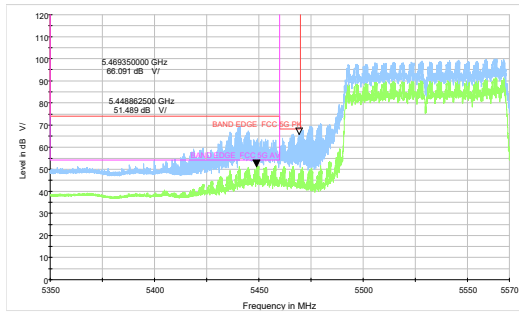
802.11ac VHT80 –Channel 42: Peak + Average



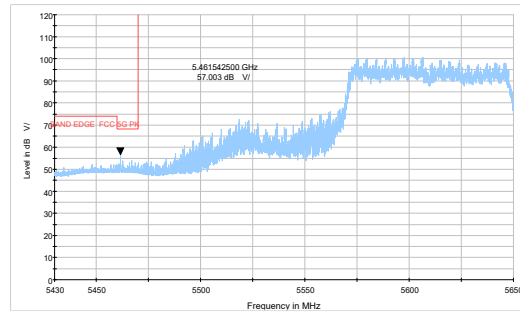
802.11ac VHT80 –Channel 58: Peak + Average



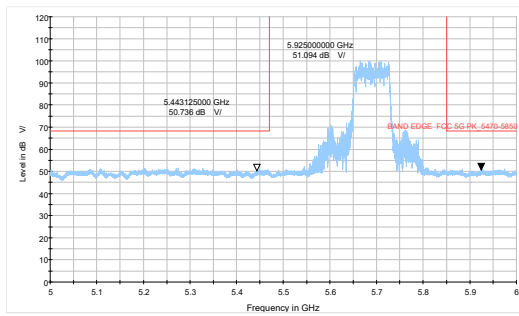
802.11ac VHT80-Channel 106: Peak + Average



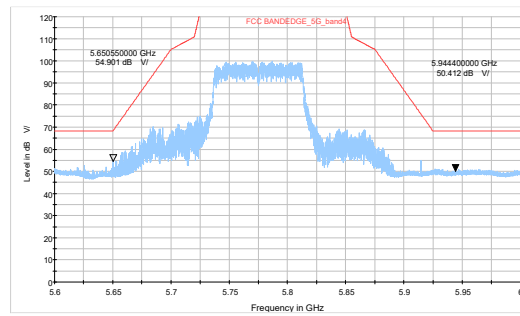
802.11ac VHT80- Channel 122: Peak+ Average



802.11ac VHT80-Channel 138: Peak + Average

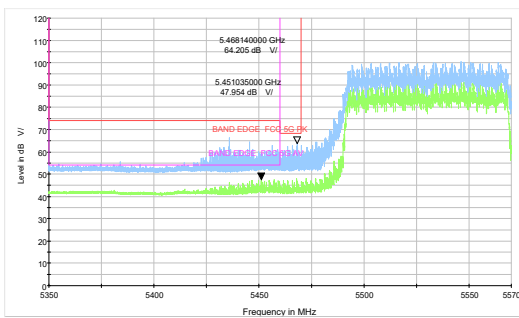


802.11ac VHT80-Channel 155: Peak + Average



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802.11ac VHT80-Channel 106: 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 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 V/) in the test plot below means (dBμV/m)**
4. **The following graphs display the maximum values of horizontal and vertical by software.**
5. **For below 1GHz**

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

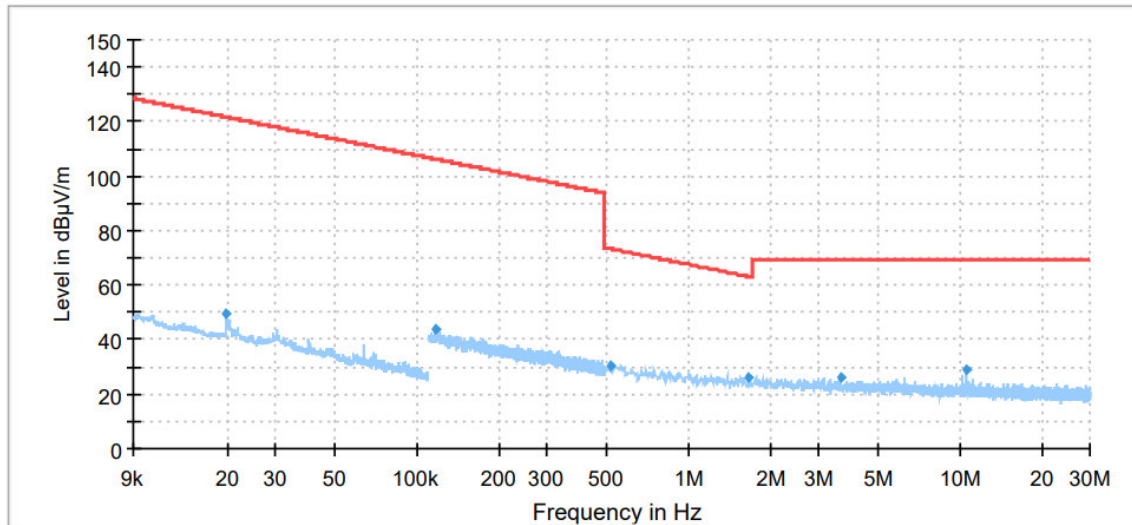
For above 1GHz

 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:

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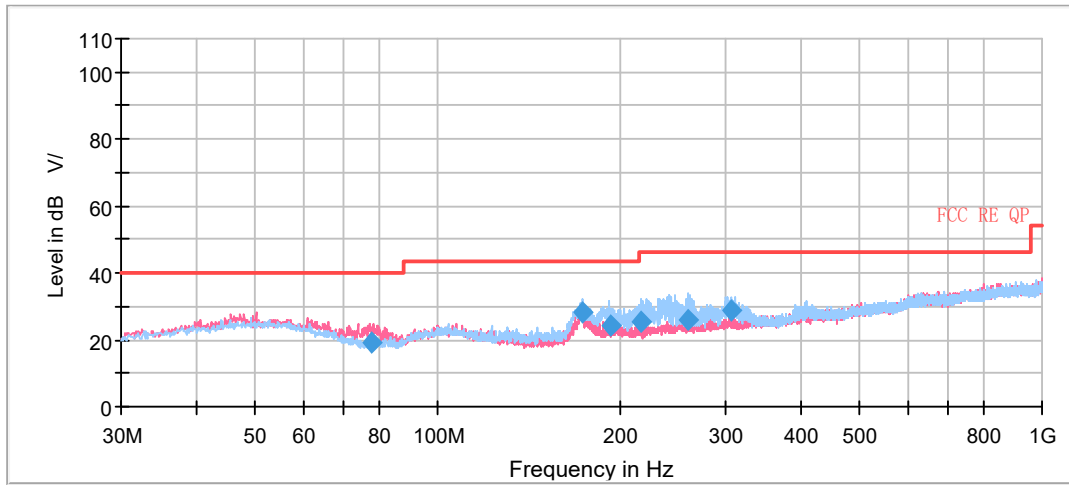
During the test, the Radiates Emission from 9kHz to 1GHz was performed in all modes with all channels. The test data of the worst-case condition was recorded in this report.



Radiates Emission from 9kHz to 30MHz

Final Result

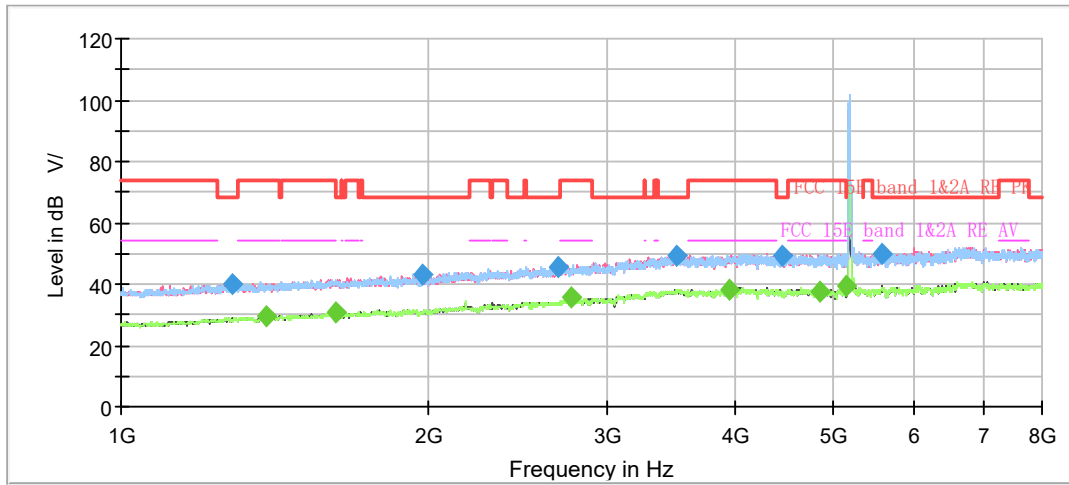
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Pol	Azimu th (deg)	Corr. (dB/m)
0.02	49.30	121.69	72.39	500.00	V	212.00	17
0.12	44.08	106.30	62.22	150.00	V	92.00	17
0.52	30.38	73.29	42.91	150.00	V	174.00	17
1.67	26.17	63.14	36.97	150.00	V	268.00	17
3.60	26.03	69.50	43.47	150.00	V	0.00	17
10.60	28.90	69.50	40.60	150.00	V	44.00	17



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)
77.968750	19.00	40.00	21.00	100.0	V	0.0	15.4
173.960000	28.19	43.50	15.31	175.0	H	278.0	20.1
193.190000	24.08	43.50	19.42	100.0	H	127.0	18.9
217.723750	25.42	46.00	20.58	100.0	H	122.0	18.7
260.088750	26.02	46.00	19.98	100.0	H	106.0	20.2
305.437500	28.56	46.00	17.44	100.0	H	213.0	21.2

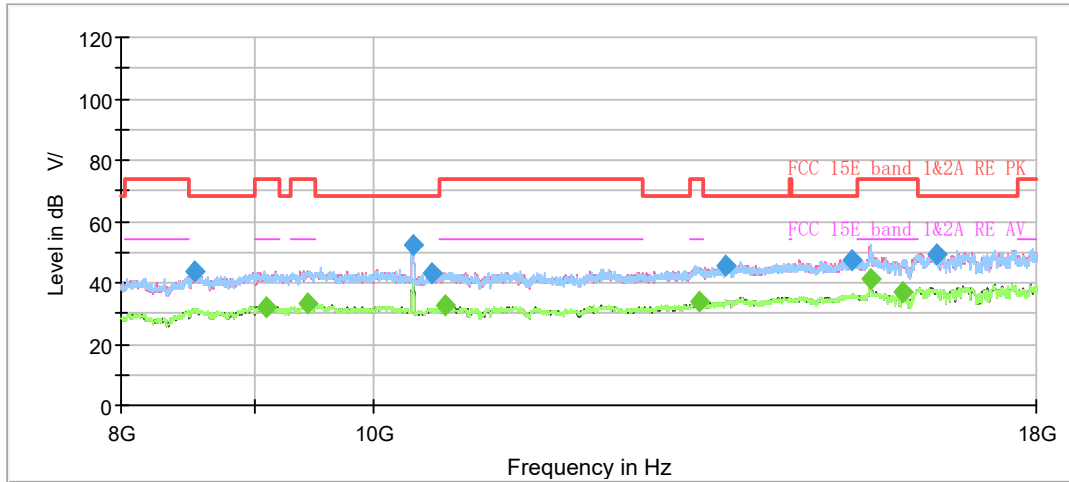
802.11a CH36



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

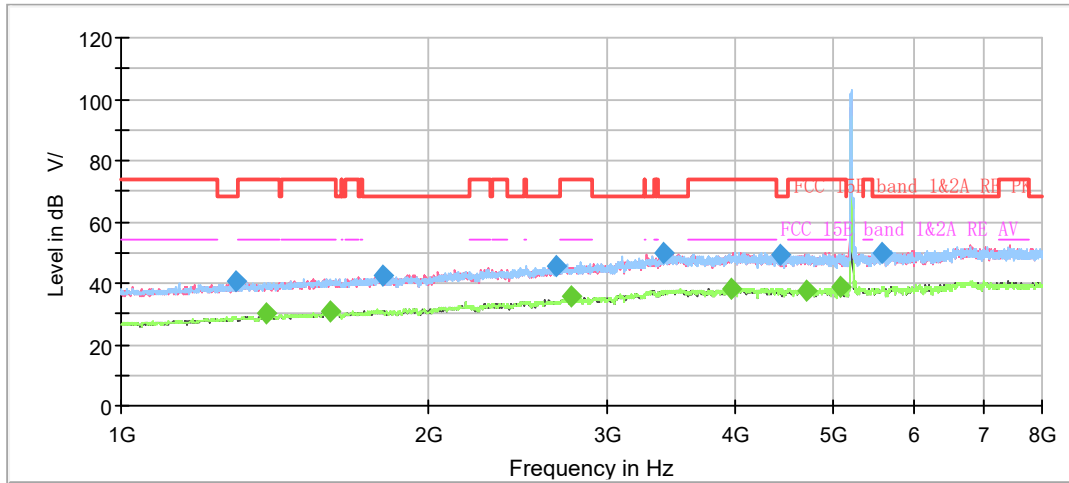
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1285.250000	40.19	---	68.20	28.01	500.0	200.0	H	287.0	-8.3
1385.000000	---	29.41	54.00	24.59	500.0	200.0	H	253.0	-7.7
1624.750000	---	30.59	54.00	23.41	500.0	200.0	V	197.0	-6.2
1974.750000	43.16	---	68.20	25.04	500.0	200.0	V	306.0	-4.7
2678.250000	45.80	---	68.20	22.40	500.0	200.0	H	185.0	-1.8
2759.625000	---	35.64	54.00	18.36	500.0	200.0	H	41.0	-1.5
3499.875000	49.12	---	68.20	19.08	500.0	200.0	V	6.0	1.8
3955.750000	---	38.29	54.00	15.71	500.0	200.0	H	261.0	2.9
4456.250000	49.31	---	68.20	18.89	500.0	200.0	V	155.0	3.6
4846.500000	---	37.80	54.00	16.20	500.0	200.0	V	111.0	4.0
5149.250000	---	39.35	54.00	14.65	500.0	200.0	H	226.0	5.0
5578.875000	49.86	---	68.20	18.34	500.0	200.0	V	206.0	5.6



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)
8542.500000	43.47	---	68.20	24.73	500.0	100.0	H	347.0	-1.8
9092.500000	---	32.12	54.00	21.88	500.0	200.0	H	0.0	-1.2
9441.250000	---	33.23	54.00	20.77	500.0	200.0	V	330.0	-0.4
10353.750000	52.55	---	68.20	15.65	500.0	200.0	V	32.0	-1.0
10533.750000	43.17	---	68.20	25.03	500.0	200.0	V	330.0	-1.0
10652.500000	---	32.34	54.00	21.66	500.0	200.0	V	201.0	-0.8
13350.000000	---	33.81	54.00	20.19	500.0	200.0	H	84.0	2.4
13678.750000	45.55	---	68.20	22.65	500.0	200.0	V	257.0	3.1
15285.000000	47.59	---	68.20	20.61	500.0	200.0	H	58.0	5.6
15537.500000	---	41.22	54.00	12.78	500.0	100.0	V	280.0	6.2
15995.000000	---	36.72	54.00	17.28	500.0	200.0	H	358.0	6.9
16473.750000	49.29	---	68.20	18.91	500.0	200.0	H	140.0	8.0

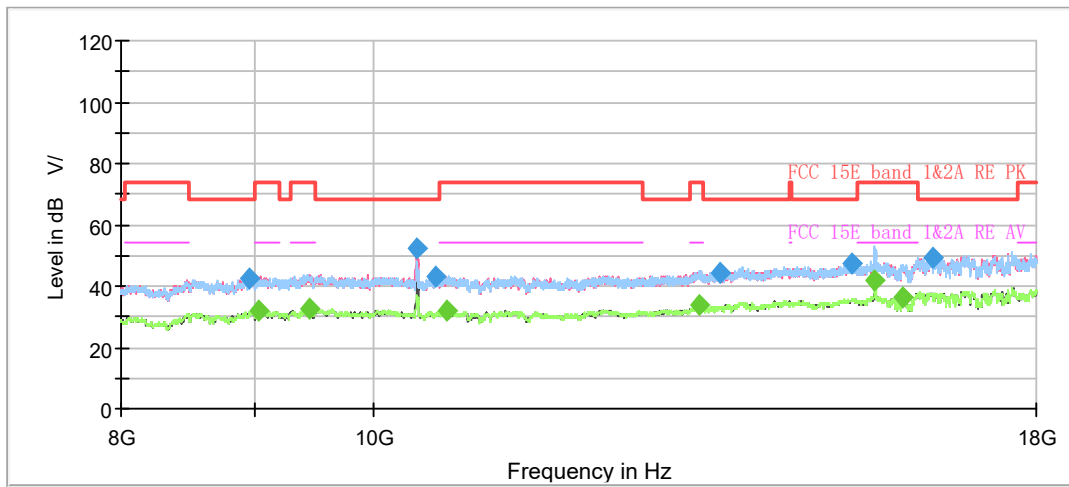
802.11a CH40



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

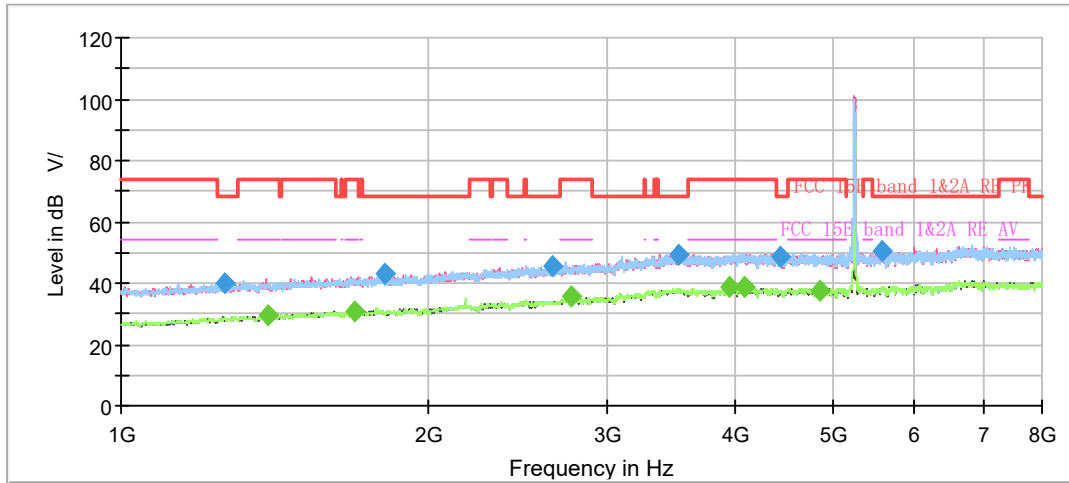
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1294.875000	40.31	---	68.20	27.89	500.0	200.0	V	195.0	-8.2
1385.875000	---	30.22	54.00	23.78	500.0	200.0	V	46.0	-7.7
1600.250000	---	30.56	54.00	23.44	500.0	200.0	V	303.0	-6.3
1803.250000	42.51	---	68.20	25.69	500.0	200.0	V	2.0	-5.4
2669.500000	45.82	---	68.20	22.38	500.0	200.0	V	290.0	-1.9
2759.625000	---	35.90	54.00	18.10	500.0	200.0	H	38.0	-1.5
3403.625000	49.55	---	68.20	18.65	500.0	200.0	V	62.0	1.4
3974.125000	---	38.37	54.00	15.63	500.0	200.0	H	254.0	3.1
4434.375000	49.06	---	68.20	19.14	500.0	200.0	H	183.0	3.5
4704.750000	---	37.80	54.00	16.20	500.0	200.0	V	168.0	4.3
5068.750000	---	38.92	54.00	15.08	500.0	200.0	H	14.0	5.0
5584.125000	49.80	---	68.20	18.40	500.0	200.0	H	201.0	5.6



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)
8961.250000	42.37	---	68.20	25.83	500.0	200.0	H	168.0	-1.3
9033.750000	---	31.74	54.00	22.26	500.0	200.0	V	200.0	-1.3
9446.250000	---	32.74	54.00	21.26	500.0	200.0	V	146.0	-0.4
10400.000000	52.13	---	68.20	16.07	500.0	200.0	V	71.0	-1.0
10576.250000	42.97	---	68.20	25.23	500.0	200.0	V	341.0	-0.9
10675.000000	---	32.03	54.00	21.97	500.0	200.0	V	9.0	-0.8
13346.250000	---	33.63	54.00	20.37	500.0	200.0	V	109.0	2.4
13602.500000	44.53	---	68.20	23.67	500.0	200.0	V	71.0	3.0
15283.750000	47.60	---	68.20	20.60	500.0	200.0	H	0.0	5.6
15598.750000	---	41.65	54.00	12.35	500.0	200.0	H	61.0	6.5
15990.000000	---	36.28	54.00	17.72	500.0	200.0	V	191.0	6.9
16412.500000	49.31	---	68.20	18.89	500.0	200.0	V	293.0	7.9

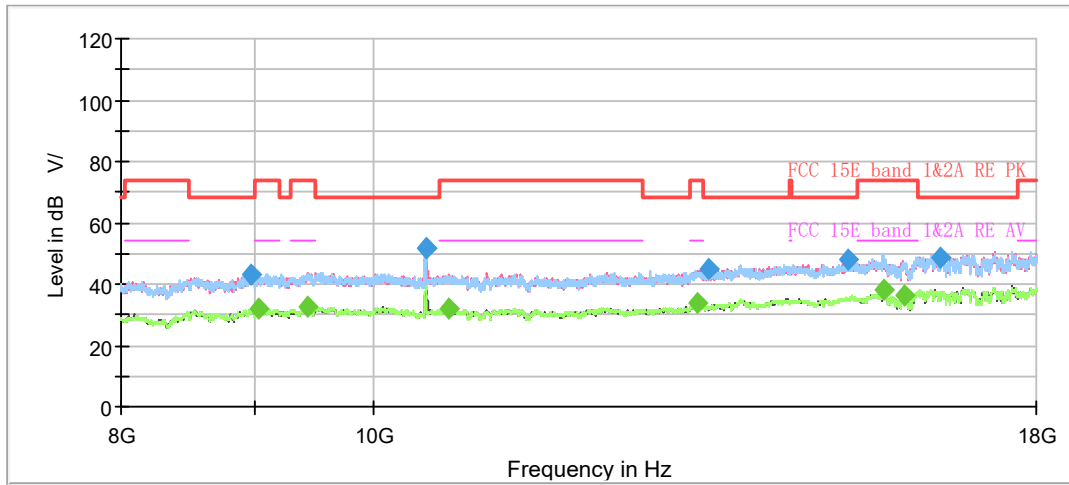
802.11a CH48



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

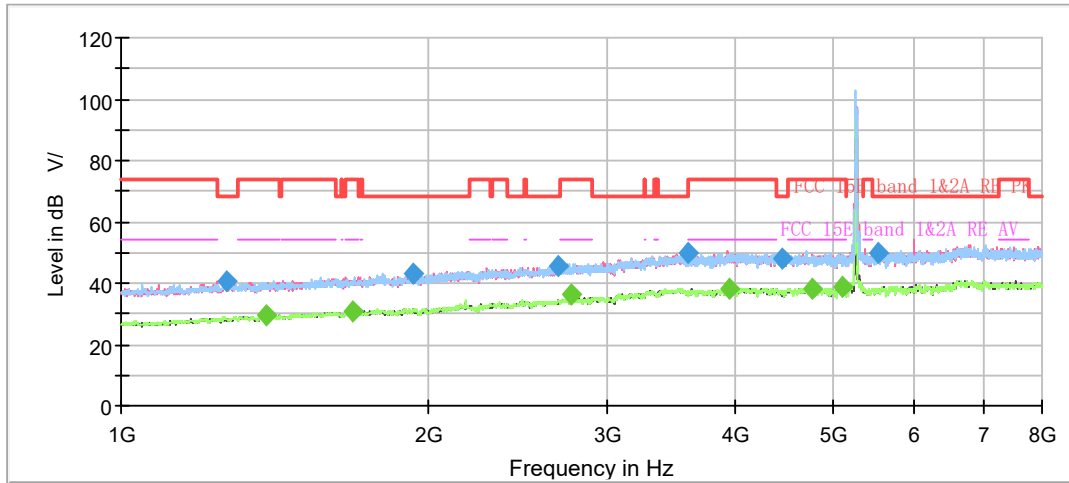
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1262.500000	40.23	---	68.20	27.97	500.0	200.0	V	68.0	-8.5
1392.875000	---	29.54	54.00	24.46	500.0	200.0	H	225.0	-7.6
1693.000000	---	30.67	54.00	23.33	500.0	200.0	H	0.0	-6.0
1810.250000	43.09	---	68.20	25.11	500.0	200.0	H	329.0	-5.4
2652.000000	45.47	---	68.20	22.73	500.0	200.0	V	52.0	-2.0
2759.625000	---	35.46	54.00	18.54	500.0	200.0	H	38.0	-1.5
3519.125000	49.50	---	68.20	18.70	500.0	200.0	H	189.0	1.7
3956.625000	---	38.50	54.00	15.50	500.0	200.0	H	285.0	2.9
4087.875000	---	38.66	54.00	15.34	500.0	200.0	V	0.0	3.4
4435.250000	48.42	---	68.20	19.78	500.0	200.0	H	137.0	3.5
4837.750000	---	37.26	54.00	16.74	500.0	200.0	V	268.0	4.0
5569.250000	50.49	---	68.20	17.71	500.0	200.0	V	234.0	5.5



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)
8982.500000	42.80	---	68.20	25.40	500.0	200.0	H	188.0	-1.3
9042.500000	---	31.70	54.00	22.30	500.0	200.0	V	34.0	-1.3
9442.500000	---	32.85	54.00	21.15	500.0	200.0	H	324.0	-0.4
10480.000000	51.75	---	68.20	16.45	500.0	200.0	H	93.0	-1.0
10487.500000	51.42	---	68.20	16.78	500.0	200.0	H	93.0	-1.0
10701.250000	---	32.13	54.00	21.87	500.0	200.0	H	333.0	-0.8
13341.250000	---	33.55	54.00	20.45	500.0	200.0	H	333.0	2.3
13456.250000	45.06	---	68.20	23.14	500.0	200.0	V	116.0	2.6
15221.250000	47.74	---	68.20	20.46	500.0	200.0	V	125.0	5.4
15722.500000	---	38.43	54.00	15.57	500.0	200.0	H	78.0	6.7
16002.500000	---	36.28	54.00	17.72	500.0	200.0	V	160.0	6.9
16543.750000	48.91	---	68.20	19.29	500.0	200.0	H	343.0	8.1

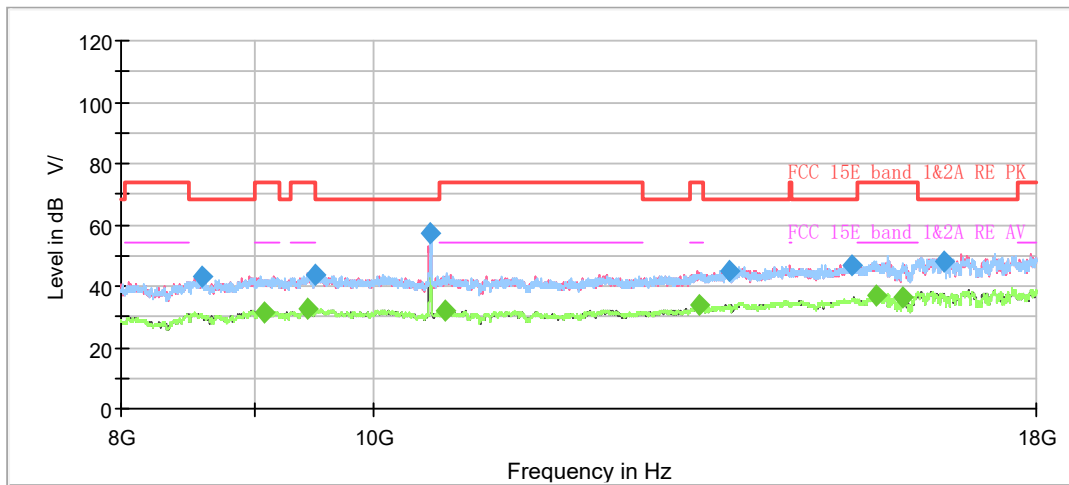
802.11a CH52



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

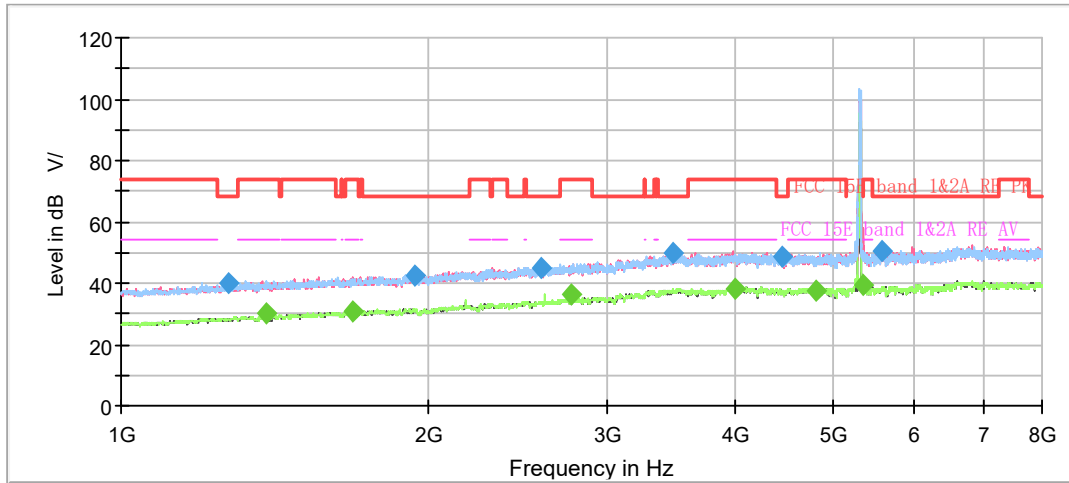
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1271.250000	40.43	---	68.20	27.77	500.0	200.0	H	263.0	-8.4
1385.875000	---	29.64	54.00	24.36	500.0	200.0	V	36.0	-7.7
1689.500000	---	30.64	54.00	23.36	500.0	200.0	H	149.0	-6.0
1933.625000	43.17	---	68.20	25.03	500.0	200.0	V	2.0	-4.8
2679.125000	45.48	---	68.20	22.72	500.0	200.0	V	88.0	-1.8
2759.625000	---	36.08	54.00	17.92	500.0	200.0	H	38.0	-1.5
3591.750000	49.60	---	68.20	18.60	500.0	200.0	V	227.0	1.8
3951.375000	---	38.41	54.00	15.59	500.0	200.0	H	349.0	2.8
4450.125000	47.78	---	68.20	20.42	500.0	200.0	V	287.0	3.5
4762.500000	---	37.94	54.00	16.06	500.0	200.0	V	36.0	3.9
5087.125000	---	38.67	54.00	15.33	500.0	200.0	V	88.0	5.1
5523.750000	49.57	---	68.20	18.63	500.0	200.0	H	123.0	5.4



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)
8593.750000	42.86	---	68.20	25.34	500.0	200.0	V	9.0	-1.7
9080.000000	---	31.67	54.00	22.33	500.0	200.0	H	118.0	-1.2
9440.000000	---	32.82	54.00	21.18	500.0	200.0	H	0.0	-0.4
9505.000000	43.72	---	68.20	24.48	500.0	200.0	V	46.0	0.0
10517.500000	56.95	---	68.20	11.25	500.0	200.0	V	92.0	-1.0
10652.500000	---	32.02	54.00	21.98	500.0	200.0	V	74.0	-0.8
13343.750000	---	33.64	54.00	20.36	500.0	200.0	V	0.0	2.3
13717.500000	44.65	---	68.20	23.55	500.0	200.0	V	19.0	3.3
15296.250000	46.94	---	68.20	21.26	500.0	200.0	V	0.0	5.6
15608.750000	---	36.85	54.00	17.15	500.0	200.0	V	0.0	6.5
15995.000000	---	36.23	54.00	17.77	500.0	200.0	H	337.0	6.9
16580.000000	47.96	---	68.20	20.24	500.0	200.0	H	155.0	8.1

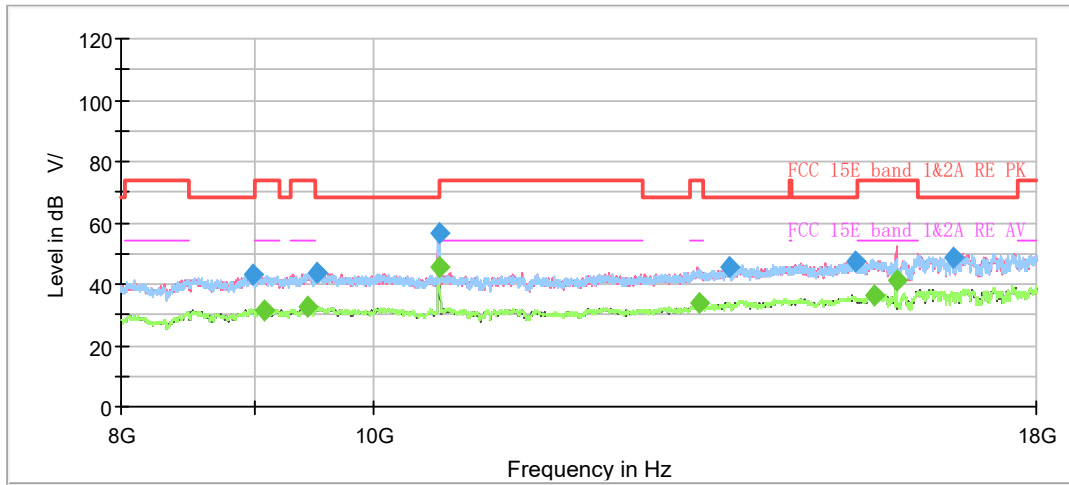
802.11a CH60



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

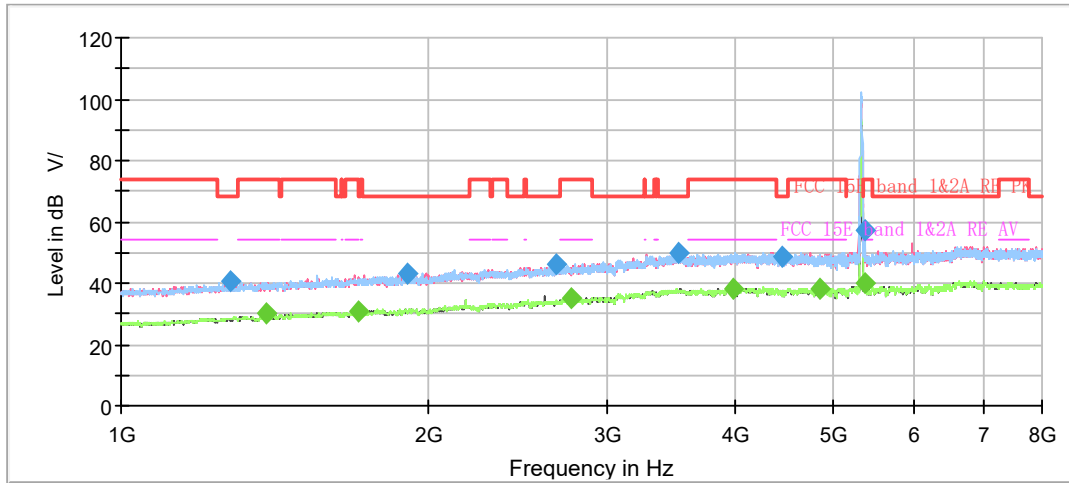
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1276.500000	40.22	---	68.20	27.98	500.0	200.0	V	88.0	-8.4
1385.875000	---	29.93	54.00	24.07	500.0	200.0	V	46.0	-7.7
1686.875000	---	30.53	54.00	23.47	500.0	200.0	V	211.0	-6.0
1943.250000	42.54	---	68.20	25.66	500.0	200.0	V	0.0	-4.7
2581.125000	45.16	---	68.20	23.04	500.0	200.0	V	349.0	-2.0
2759.625000	---	36.08	54.00	17.92	500.0	200.0	H	38.0	-1.5
3475.375000	49.87	---	68.20	18.33	500.0	200.0	H	296.0	1.7
3992.500000	---	38.34	54.00	15.66	500.0	200.0	V	271.0	3.2
4454.500000	48.70	---	68.20	19.50	500.0	200.0	V	220.0	3.6
4799.250000	---	37.65	54.00	16.35	500.0	200.0	H	339.0	3.9
5351.375000	---	39.54	54.00	14.46	500.0	200.0	H	234.0	5.2
5581.500000	50.53	---	68.20	17.67	500.0	200.0	V	326.0	5.6



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)
8990.000000	43.03	---	68.20	25.17	500.0	200.0	H	264.0	-1.3
9082.500000	---	31.40	54.00	22.60	500.0	200.0	H	255.0	-1.2
9443.750000	---	32.83	54.00	21.17	500.0	200.0	H	117.0	-0.4
9521.250000	43.97	---	68.20	24.23	500.0	200.0	H	318.0	-0.1
10598.750000	56.81	---	68.20	11.39	500.0	200.0	H	100.0	-0.8
10601.250000	---	45.72	54.00	8.28	500.0	200.0	H	92.0	-0.8
13346.250000	---	33.84	54.00	20.16	500.0	200.0	H	245.0	2.4
13711.250000	45.37	---	68.20	22.83	500.0	200.0	V	256.0	3.2
15325.000000	47.49	---	68.20	20.71	500.0	200.0	V	352.0	5.7
15596.250000	---	36.32	54.00	17.68	500.0	200.0	V	76.0	6.5
15900.000000	---	41.24	54.00	12.76	500.0	200.0	V	113.0	6.6
16736.250000	48.59	---	68.20	19.61	500.0	200.0	V	313.0	8.5

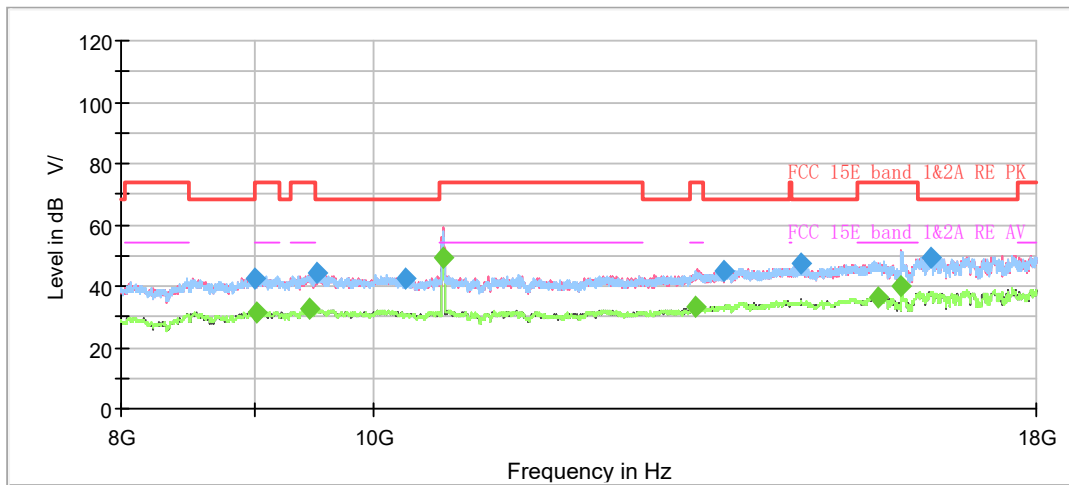
802.11a CH64



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

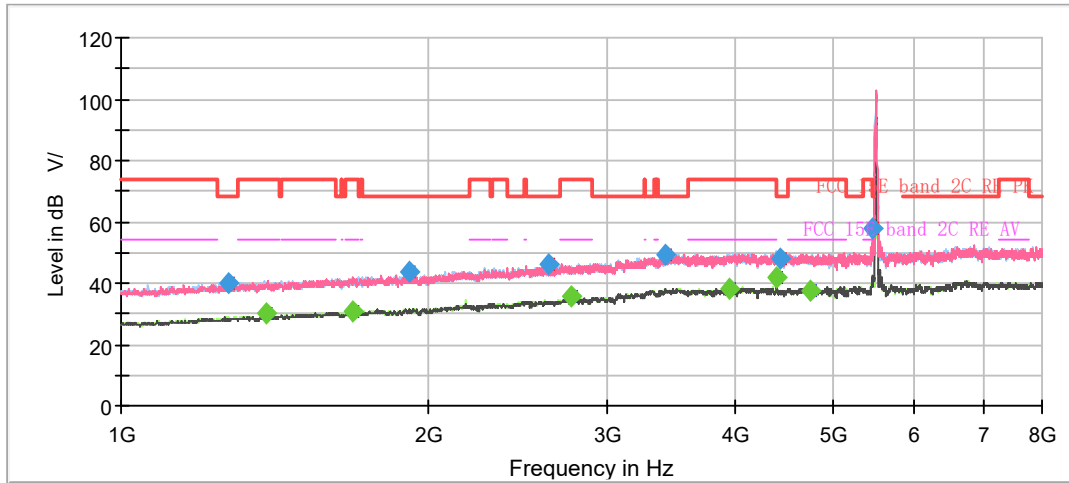
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1277.375000	40.51	---	68.20	27.69	500.0	200.0	H	43.0	-8.4
1385.875000	---	29.92	54.00	24.08	500.0	200.0	V	43.0	-7.7
1709.625000	---	30.69	54.00	23.31	500.0	200.0	H	276.0	-5.9
1908.250000	43.33	---	68.20	24.87	500.0	200.0	H	111.0	-5.0
2673.875000	45.88	---	68.20	22.32	500.0	200.0	V	7.0	-1.8
2759.625000	---	35.37	54.00	18.63	500.0	200.0	H	88.0	-1.5
3517.375000	49.86	---	68.20	18.34	500.0	200.0	V	138.0	1.8
3977.625000	---	38.43	54.00	15.57	500.0	200.0	H	267.0	3.1
4455.375000	48.92	---	68.20	19.28	500.0	200.0	H	95.0	3.6
4841.250000	---	38.12	54.00	15.88	500.0	200.0	V	259.0	4.0
5356.625000	---	40.09	54.00	13.91	500.0	200.0	H	232.0	5.2
5356.625000	56.96	---	74.00	17.04	500.0	200.0	H	232.0	5.2



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8998.750000	42.68	---	68.20	25.52	500.0	200.0	V	56.0	-1.3
9023.750000	---	31.57	54.00	22.43	500.0	200.0	H	196.0	-1.3
9445.000000	---	32.62	54.00	21.38	500.0	200.0	H	0.0	-0.4
9512.500000	44.02	---	68.20	24.18	500.0	200.0	H	252.0	-0.1
10286.250000	42.34	---	68.20	25.86	500.0	200.0	V	175.0	-1.1
10638.750000	---	49.08	54.00	4.92	500.0	200.0	V	92.0	-0.8
13310.000000	---	33.47	54.00	20.53	500.0	200.0	V	10.0	2.3
13653.750000	45.12	---	68.20	23.08	500.0	200.0	H	0.0	3.1
14611.250000	47.13	---	68.20	21.07	500.0	200.0	H	75.0	4.8
15651.250000	---	36.52	54.00	17.48	500.0	200.0	H	353.0	6.5
15970.000000	---	39.71	54.00	14.29	500.0	200.0	V	92.0	6.8
16407.500000	49.44	---	68.20	18.76	500.0	200.0	V	120.0	7.9

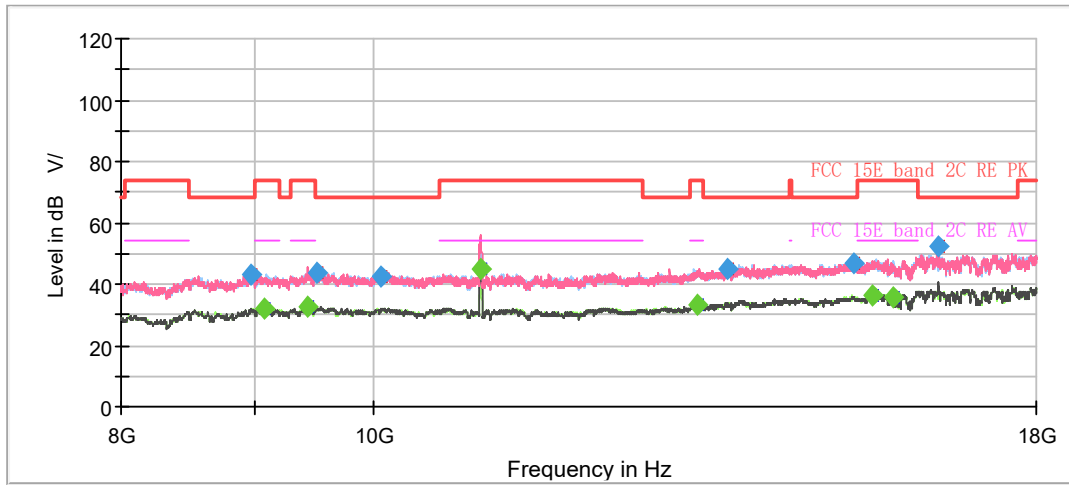
802.11a CH100



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

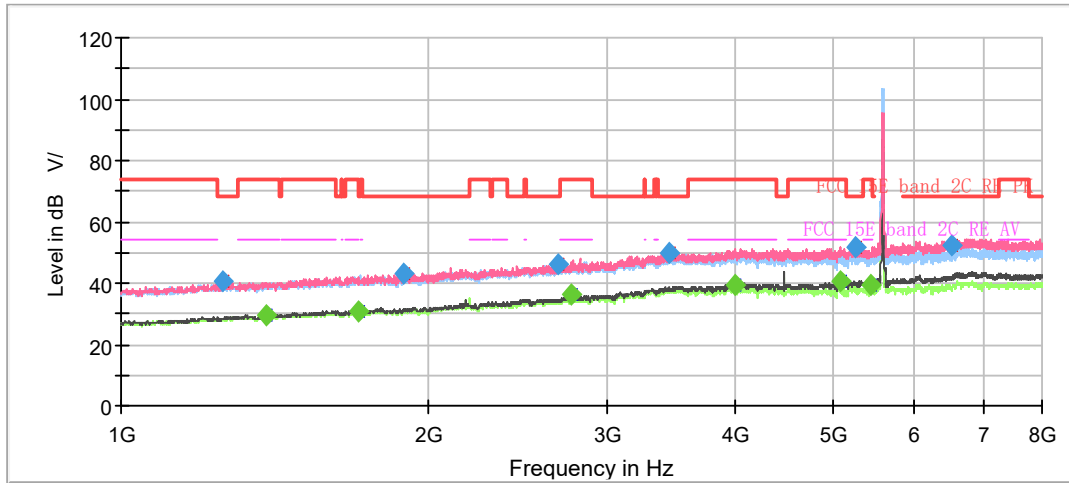
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1276.500000	40.00	---	68.20	28.20	500.0	200.0	H	221.0	-8.4
1385.875000	---	30.19	54.00	23.81	500.0	200.0	V	145.0	-7.7
1686.875000	---	30.66	54.00	23.34	500.0	200.0	V	305.0	-6.0
1920.500000	43.41	---	68.20	24.79	500.0	200.0	V	217.0	-4.9
2624.000000	46.14	---	68.20	22.06	500.0	200.0	H	124.0	-2.0
2759.625000	---	35.59	54.00	18.41	500.0	200.0	H	45.0	-1.5
3415.000000	49.11	---	68.20	19.09	500.0	200.0	H	132.0	1.4
3955.750000	---	38.27	54.00	15.73	500.0	200.0	H	0.0	2.9
4399.375000	---	42.07	54.00	11.93	500.0	200.0	V	73.0	3.6
4438.750000	48.10	---	68.20	20.10	500.0	200.0	H	176.0	3.5
4748.500000	---	37.52	54.00	16.48	500.0	200.0	H	70.0	4.0
5466.875000	57.73	---	68.20	10.47	500.0	200.0	V	2.0	5.4



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)
8980.000000	43.07	---	68.20	25.13	500.0	200.0	V	262.0	-1.3
9083.750000	---	31.81	54.00	22.19	500.0	200.0	H	0.0	-1.2
9442.500000	---	32.92	54.00	21.08	500.0	200.0	H	16.0	-0.4
9522.500000	43.95	---	68.20	24.25	500.0	200.0	H	283.0	-0.1
10075.000000	42.76	---	68.20	25.44	500.0	200.0	V	0.0	-0.7
11001.250000	---	44.74	54.00	9.26	500.0	200.0	V	93.0	-0.8
13341.250000	---	33.51	54.00	20.49	500.0	200.0	H	64.0	2.3
13697.500000	44.97	---	68.20	23.23	500.0	200.0	H	45.0	3.2
15300.000000	47.07	---	68.20	21.13	500.0	200.0	H	152.0	5.6
15572.500000	---	36.47	54.00	17.53	500.0	200.0	H	283.0	6.4
15845.000000	---	35.74	54.00	18.26	500.0	200.0	V	325.0	6.7
16496.250000	52.43	---	68.20	15.77	500.0	200.0	V	100.0	8.1

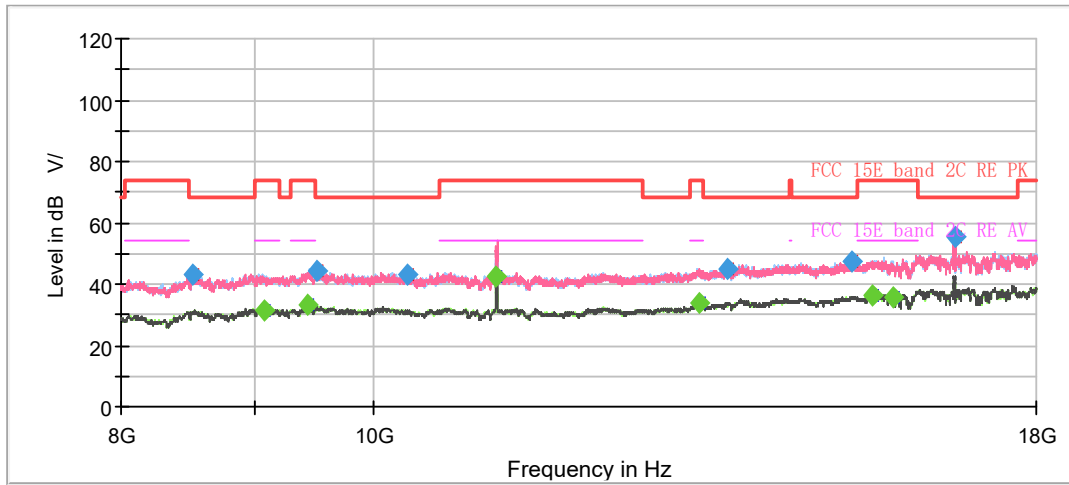
802.11a CH116



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

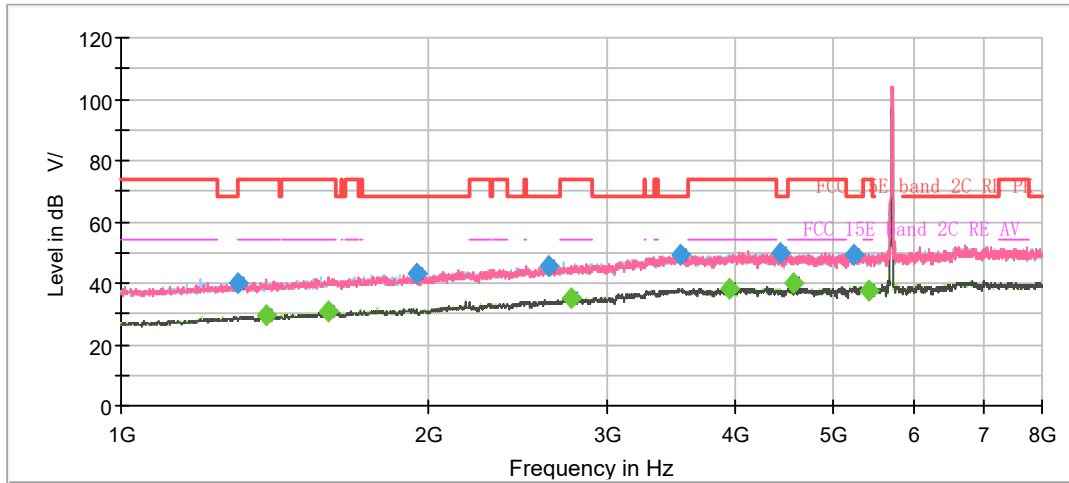
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1260.750000	40.78	---	68.20	27.42	500.0	200.0	V	357.0	-8.5
1385.000000	---	29.76	54.00	24.24	500.0	200.0	V	44.0	-7.7
1707.000000	---	30.98	54.00	23.02	500.0	200.0	V	175.0	-5.9
1892.500000	43.13	---	68.20	25.07	500.0	200.0	V	331.0	-5.0
2680.875000	45.91	---	68.20	22.29	500.0	200.0	V	262.0	-1.8
2759.625000	---	36.31	54.00	17.69	500.0	200.0	H	40.0	-1.5
3442.125000	49.84	---	68.20	18.36	500.0	200.0	V	129.0	1.5
3999.500000	---	39.67	54.00	14.33	500.0	200.0	V	296.0	3.2
5085.375000	---	40.81	54.00	13.19	500.0	200.0	V	89.0	5.1
5248.125000	51.41	---	68.20	16.79	500.0	200.0	V	279.0	5.3
5423.125000	---	39.27	54.00	14.73	500.0	200.0	V	139.0	5.1
6509.875000	52.55	---	68.20	15.65	500.0	200.0	V	313.0	6.3



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8525.000000	43.33	---	68.20	24.87	500.0	100.0	V	70.0	-1.8
9088.750000	---	31.57	54.00	22.43	500.0	200.0	H	292.0	-1.2
9436.250000	---	33.17	54.00	20.83	500.0	100.0	H	61.0	-0.5
9515.000000	44.32	---	68.20	23.88	500.0	100.0	H	172.0	-0.1
10310.000000	42.77	---	68.20	25.43	500.0	200.0	V	271.0	-1.0
11158.750000	---	42.35	54.00	11.65	500.0	200.0	V	83.0	-0.5
13346.250000	---	33.89	54.00	20.11	500.0	100.0	V	77.0	2.4
13696.250000	44.85	---	68.20	23.35	500.0	200.0	V	306.0	3.2
15285.000000	47.25	---	68.20	20.95	500.0	100.0	H	34.0	5.6
15555.000000	---	36.46	54.00	17.54	500.0	100.0	H	299.0	6.3
15847.500000	---	35.86	54.00	18.14	500.0	200.0	H	357.0	6.7
16741.250000	55.11	---	68.20	13.09	500.0	100.0	V	103.0	8.5

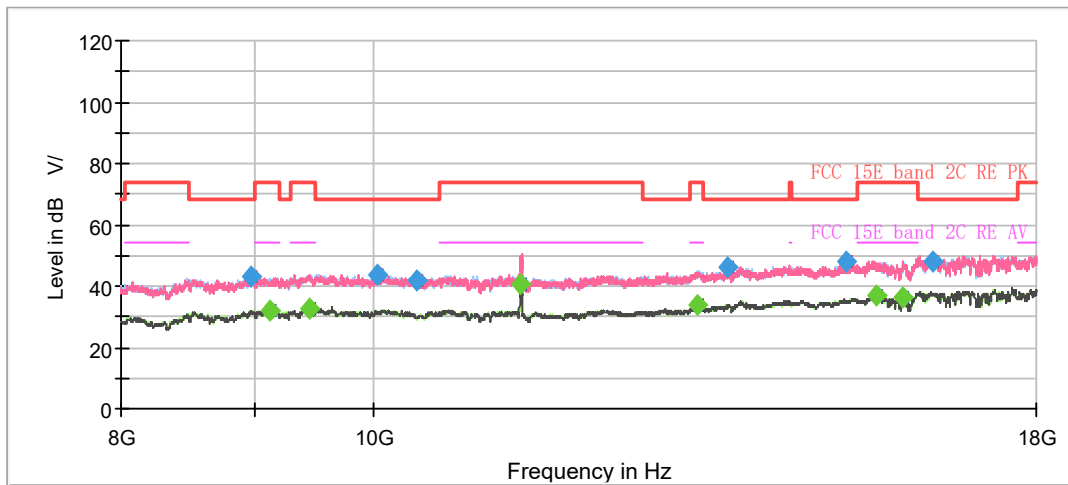
802.11a CH140



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

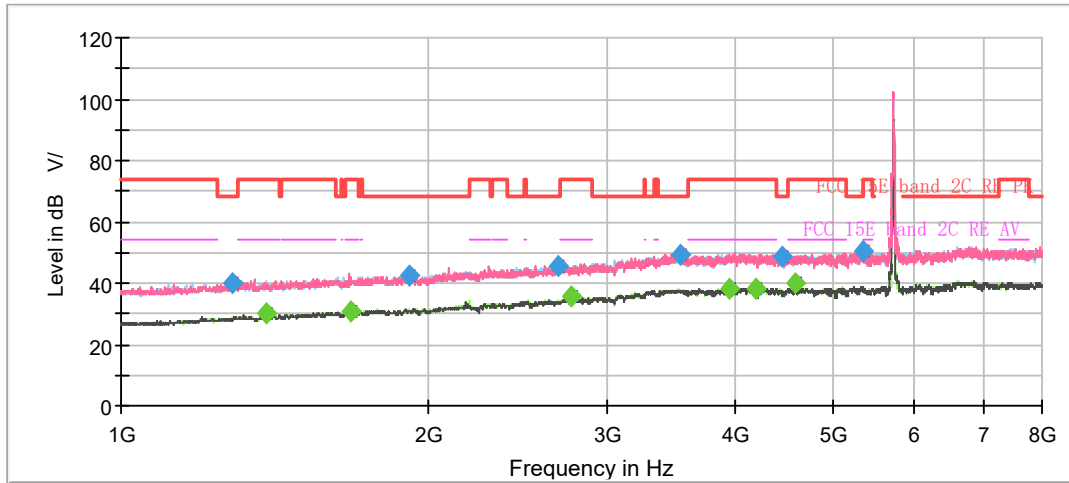
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1299.250000	39.78	---	68.20	28.42	500.0	200.0	H	0.0	-8.2
1385.875000	---	29.75	54.00	24.25	500.0	200.0	V	42.0	-7.7
1596.750000	---	30.69	54.00	23.31	500.0	200.0	H	187.0	-6.3
1947.625000	43.29	---	68.20	24.91	500.0	200.0	H	108.0	-4.7
2626.625000	45.59	---	68.20	22.61	500.0	200.0	V	240.0	-2.0
2759.625000	---	35.16	54.00	18.84	500.0	200.0	H	39.0	-1.5
3528.750000	49.48	---	68.20	18.72	500.0	200.0	V	134.0	1.7
3948.750000	---	38.37	54.00	15.63	500.0	200.0	V	117.0	2.8
4428.250000	49.64	---	68.20	18.56	500.0	200.0	V	335.0	3.5
4560.375000	---	39.70	54.00	14.30	500.0	200.0	H	12.0	3.7
5238.500000	49.11	---	68.20	19.09	500.0	200.0	H	240.0	5.3
5419.625000	---	37.63	54.00	16.37	500.0	200.0	V	301.0	5.1



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8981.250000	43.31	---	68.20	24.89	500.0	100.0	H	7.0	-1.3
9120.000000	---	32.21	54.00	21.79	500.0	100.0	V	79.0	-1.2
9450.000000	---	32.69	54.00	21.31	500.0	100.0	H	26.0	-0.3
10036.250000	43.75	---	68.20	24.45	500.0	200.0	V	329.0	-0.7
10397.500000	41.57	---	68.20	26.63	500.0	100.0	H	195.0	-1.0
11401.250000	---	40.80	54.00	13.20	500.0	200.0	V	97.0	-0.5
13332.500000	---	33.61	54.00	20.39	500.0	100.0	V	41.0	2.3
13700.000000	46.30	---	68.20	21.90	500.0	200.0	H	93.0	3.2
15217.500000	47.87	---	68.20	20.33	500.0	100.0	H	320.0	5.4
15621.250000	---	36.63	54.00	17.37	500.0	100.0	H	0.0	6.5
15993.750000	---	36.26	54.00	17.74	500.0	200.0	H	345.0	6.9
16427.500000	48.01	---	68.20	20.19	500.0	100.0	H	7.0	7.9

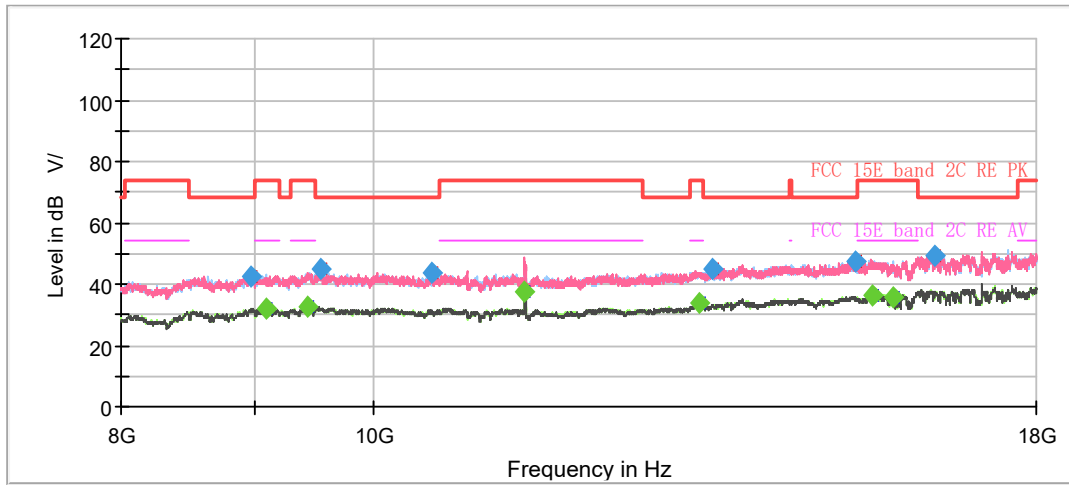
802.11a CH144



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

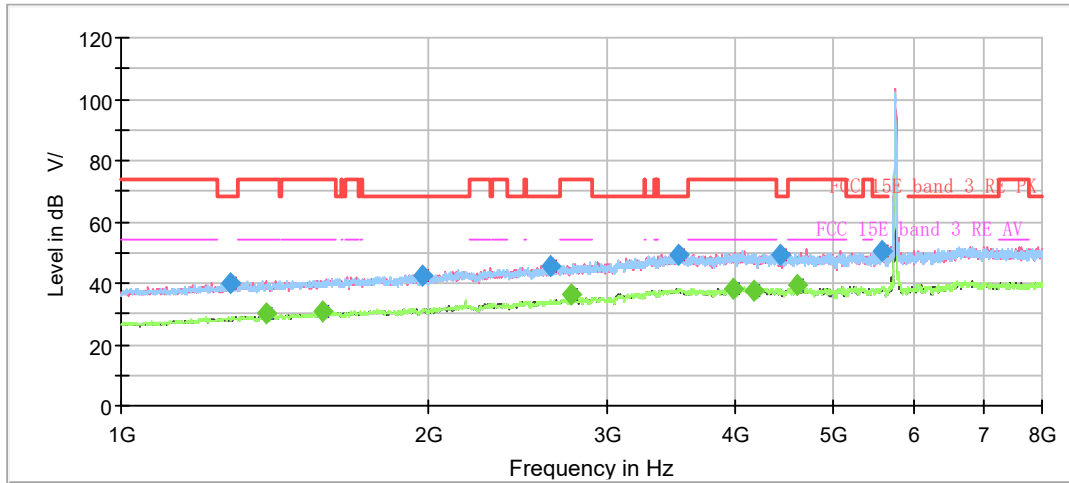
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1283.500000	40.03	---	68.20	28.17	500.0	200.0	V	345.0	-8.3
1385.875000	---	29.96	54.00	24.04	500.0	200.0	V	39.0	-7.7
1678.125000	---	30.67	54.00	23.33	500.0	200.0	V	284.0	-6.1
1915.250000	42.37	---	68.20	25.83	500.0	200.0	V	275.0	-4.9
2681.750000	45.67	---	68.20	22.53	500.0	200.0	H	258.0	-1.8
2759.625000	---	35.94	54.00	18.06	500.0	200.0	H	43.0	-1.5
3535.750000	49.43	---	68.20	18.77	500.0	200.0	H	274.0	1.7
3954.875000	---	38.42	54.00	15.58	500.0	200.0	H	174.0	2.9
4193.750000	---	37.98	54.00	16.02	500.0	200.0	V	250.0	3.4
4451.000000	48.81	---	68.20	19.39	500.0	200.0	V	67.0	3.5
4576.125000	---	39.85	54.00	14.15	500.0	200.0	V	110.0	3.7
5340.000000	50.38	---	68.20	17.82	500.0	200.0	H	25.0	5.2



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8981.250000	42.34	---	68.20	25.86	500.0	200.0	V	179.0	-1.3
9090.000000	---	31.82	54.00	22.18	500.0	200.0	H	220.0	-1.2
9440.000000	---	32.61	54.00	21.39	500.0	200.0	V	161.0	-0.4
9552.500000	44.80	---	68.20	23.40	500.0	200.0	V	344.0	-0.3
10533.750000	43.43	---	68.20	24.77	500.0	200.0	V	234.0	-1.0
11437.500000	---	37.42	54.00	16.58	500.0	200.0	V	59.0	-0.6
13356.250000	---	33.83	54.00	20.17	500.0	200.0	V	113.0	2.4
13511.250000	44.70	---	68.20	23.50	500.0	200.0	V	88.0	2.8
15332.500000	47.32	---	68.20	20.88	500.0	200.0	H	0.0	5.7
15567.500000	---	36.24	54.00	17.76	500.0	200.0	V	207.0	6.4
15845.000000	---	35.71	54.00	18.29	500.0	200.0	H	149.0	6.7
16462.500000	49.31	---	68.20	18.89	500.0	200.0	V	88.0	8.0

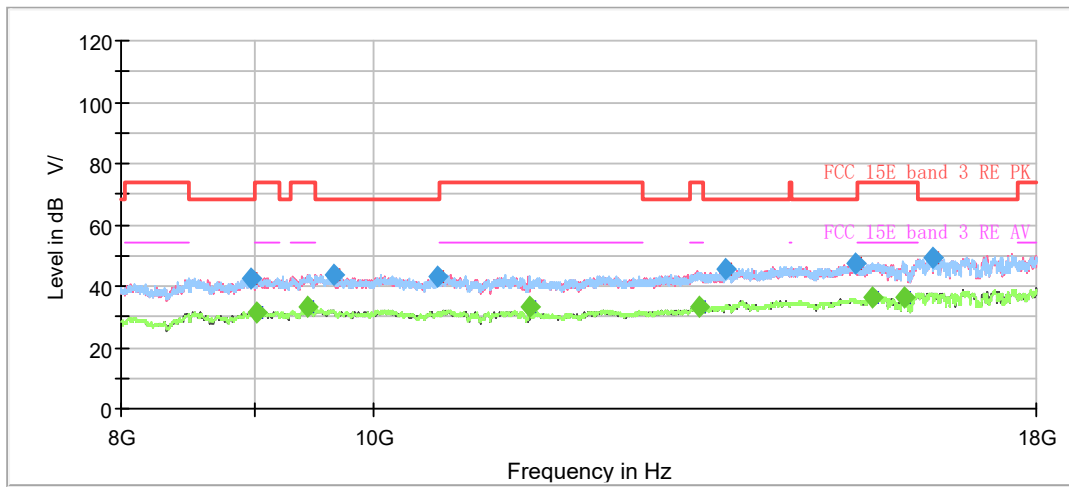
802.11a CH149



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

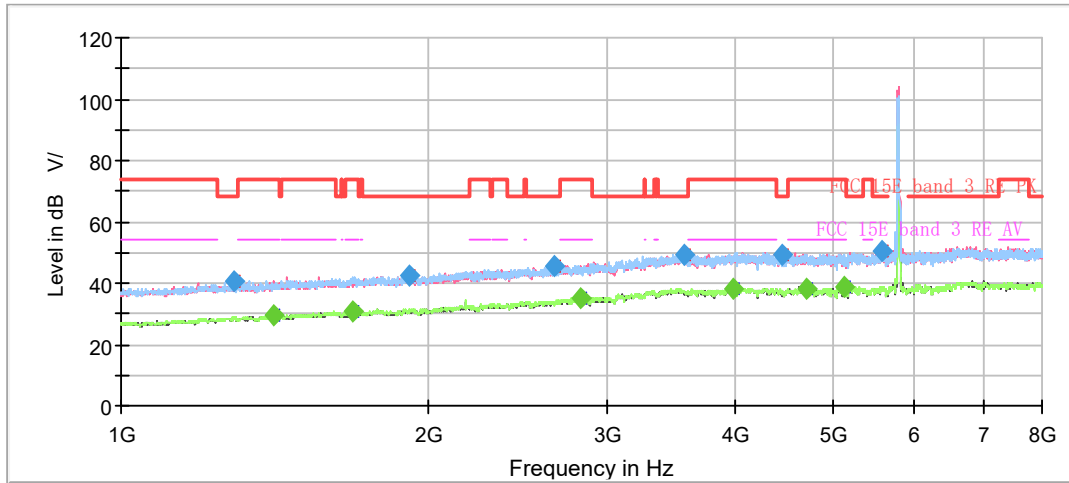
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1278.250000	40.30	---	68.20	27.90	500.0	200.0	H	56.0	-8.4
1385.875000	---	30.17	54.00	23.83	500.0	200.0	V	32.0	-7.7
1575.750000	---	30.83	54.00	23.17	500.0	200.0	H	201.0	-6.6
1975.625000	42.48	---	68.20	25.72	500.0	200.0	V	196.0	-4.7
2636.250000	45.70	---	68.20	22.50	500.0	200.0	H	271.0	-2.0
2759.625000	---	36.34	54.00	17.66	500.0	200.0	H	254.0	-1.5
3523.500000	49.25	---	68.20	18.95	500.0	200.0	H	29.0	1.7
3989.000000	---	38.36	54.00	15.64	500.0	200.0	H	306.0	3.2
4182.375000	---	37.49	54.00	16.51	500.0	200.0	H	89.0	3.4
4432.625000	49.52	---	68.20	18.68	500.0	200.0	H	0.0	3.5
4596.250000	---	39.37	54.00	14.63	500.0	200.0	V	119.0	3.7
5573.625000	50.25	---	68.20	17.95	500.0	200.0	V	50.0	5.5



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)
8981.250000	42.49	---	68.20	25.71	500.0	200.0	V	76.0	-1.3
9025.000000	---	31.56	54.00	22.44	500.0	200.0	H	119.0	-1.3
9442.500000	---	33.16	54.00	20.84	500.0	200.0	H	0.0	-0.4
9660.000000	43.78	---	68.20	24.42	500.0	200.0	V	30.0	-0.6
10590.000000	43.00	---	68.20	25.20	500.0	200.0	V	276.0	-0.9
11491.250000	---	33.23	54.00	20.77	500.0	200.0	V	21.0	-0.5
13350.000000	---	33.53	54.00	20.47	500.0	200.0	V	224.0	2.4
13677.500000	45.34	---	68.20	22.86	500.0	200.0	V	47.0	3.1
15325.000000	47.64	---	68.20	20.56	500.0	200.0	H	93.0	5.7
15562.500000	---	36.51	54.00	17.49	500.0	200.0	V	21.0	6.3
16008.750000	---	36.33	54.00	17.67	500.0	200.0	H	78.0	6.9
16408.750000	49.49	---	68.20	18.71	500.0	200.0	V	105.0	7.9

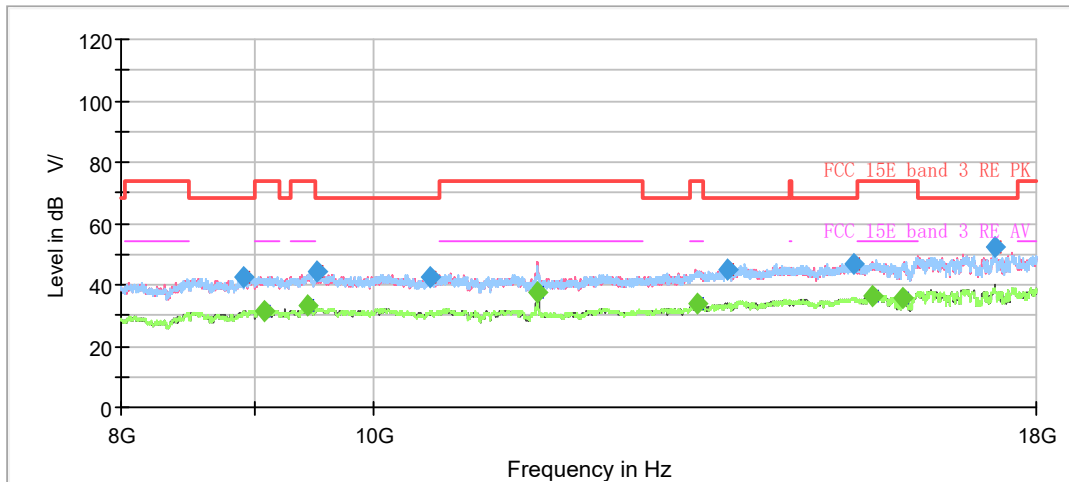
802.11a CH157



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

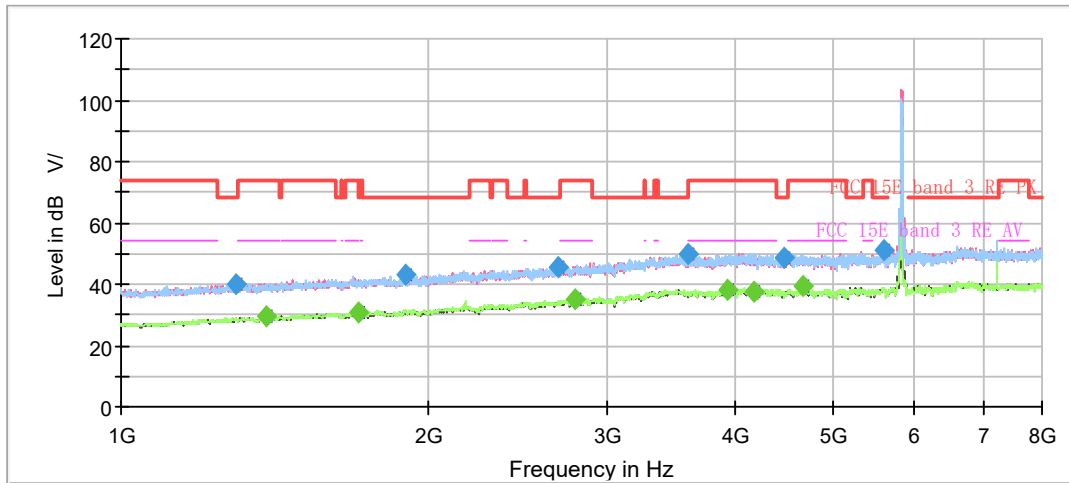
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1289.625000	40.46	---	68.20	27.74	500.0	200.0	V	180.0	-8.3
1413.000000	---	29.46	54.00	24.54	500.0	200.0	H	0.0	-7.5
1688.625000	---	30.64	54.00	23.36	500.0	200.0	H	322.0	-6.0
1917.875000	42.56	---	68.20	25.64	500.0	200.0	H	0.0	-4.9
2657.250000	45.79	---	68.20	22.41	500.0	200.0	V	163.0	-1.9
2820.875000	---	34.97	54.00	19.03	500.0	200.0	H	162.0	-1.2
3562.000000	49.44	---	68.20	18.76	500.0	200.0	V	132.0	1.7
3989.875000	---	38.40	54.00	15.60	500.0	200.0	H	293.0	3.2
4454.500000	49.13	---	68.20	19.07	500.0	200.0	H	90.0	3.6
4693.375000	---	38.12	54.00	15.88	500.0	200.0	H	293.0	4.3
5108.125000	---	38.54	54.00	15.46	500.0	200.0	H	117.0	5.1
5571.875000	50.25	---	68.20	17.95	500.0	200.0	H	170.0	5.5



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)
8915.000000	42.67	---	68.20	25.53	500.0	200.0	V	182.0	-1.3
9088.750000	---	31.58	54.00	22.42	500.0	200.0	V	258.0	-1.2
9440.000000	---	33.26	54.00	20.74	500.0	200.0	H	0.0	-0.4
9523.750000	44.06	---	68.20	24.14	500.0	200.0	H	109.0	-0.1
10513.750000	42.29	---	68.20	25.91	500.0	200.0	H	347.0	-1.0
11570.000000	---	37.27	54.00	16.73	500.0	200.0	V	62.0	-0.5
13335.000000	---	33.79	54.00	20.21	500.0	200.0	H	163.0	2.3
13697.500000	44.75	---	68.20	23.45	500.0	200.0	H	265.0	3.2
15310.000000	46.98	---	68.20	21.22	500.0	200.0	H	126.0	5.6
15577.500000	---	36.30	54.00	17.70	500.0	200.0	V	136.0	6.4
15982.500000	---	35.92	54.00	18.08	500.0	200.0	V	118.0	6.9
17352.500000	52.19	---	68.20	16.01	500.0	200.0	V	80.0	9.6

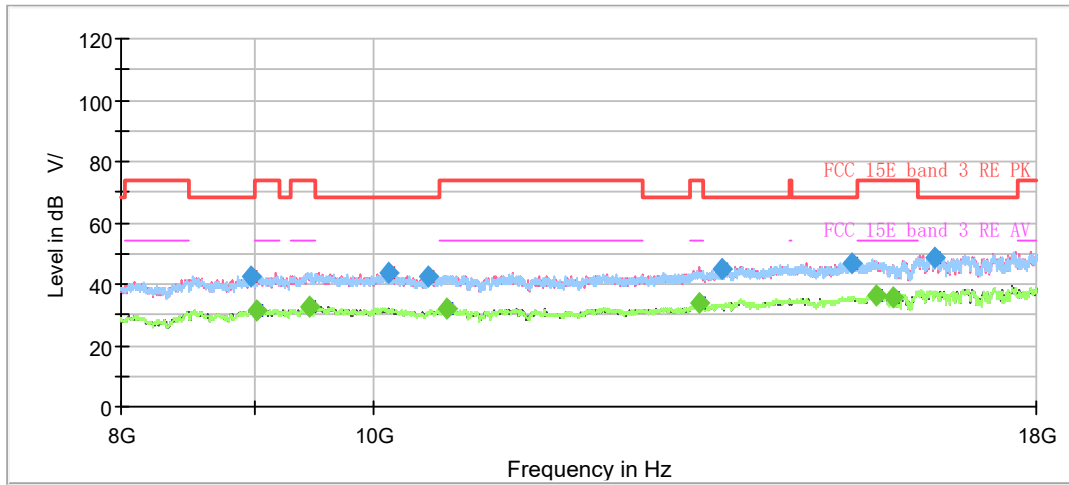
802.11a CH165



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

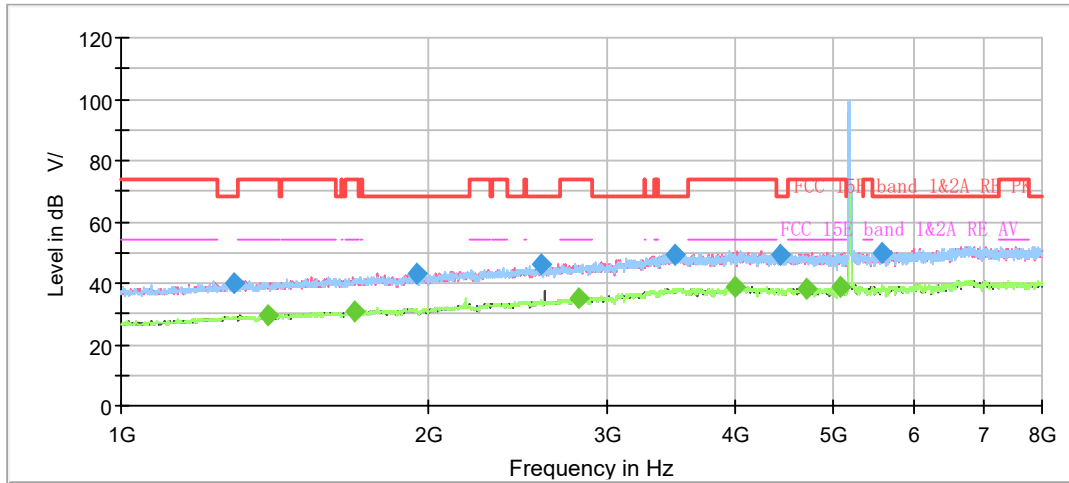
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1297.500000	40.17	---	68.20	28.03	500.0	200.0	V	168.0	-8.2
1385.875000	---	29.42	54.00	24.58	500.0	200.0	V	67.0	-7.7
1709.625000	---	30.54	54.00	23.46	500.0	200.0	V	300.0	-5.9
1902.125000	42.96	---	68.20	25.24	500.0	200.0	H	77.0	-5.0
2677.375000	45.69	---	68.20	22.51	500.0	200.0	V	266.0	-1.8
2789.375000	---	35.04	54.00	18.96	500.0	200.0	H	165.0	-1.3
3594.375000	49.72	---	68.20	18.48	500.0	200.0	H	40.0	1.8
3926.000000	---	38.30	54.00	15.70	500.0	200.0	H	139.0	2.7
4175.375000	---	37.83	54.00	16.17	500.0	200.0	H	77.0	3.3
4461.500000	48.32	---	68.20	19.88	500.0	200.0	H	304.0	3.6
4660.125000	---	39.14	54.00	14.86	500.0	200.0	H	120.0	4.2
5596.375000	50.95	---	68.20	17.25	500.0	200.0	V	204.0	5.7



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8975.000000	42.72	---	68.20	25.48	500.0	200.0	H	0.0	-1.3
9025.000000	---	31.35	54.00	22.65	500.0	200.0	V	109.0	-1.3
9455.000000	---	32.90	54.00	21.10	500.0	200.0	V	210.0	-0.3
10136.250000	43.90	---	68.20	24.30	500.0	200.0	H	245.0	-1.0
10503.750000	42.29	---	68.20	25.91	500.0	200.0	H	6.0	-1.0
10677.500000	---	32.27	54.00	21.73	500.0	200.0	H	254.0	-0.8
13347.500000	---	33.54	54.00	20.46	500.0	200.0	V	36.0	2.4
13613.750000	44.84	---	68.20	23.36	500.0	200.0	H	273.0	3.0
15283.750000	47.00	---	68.20	21.20	500.0	200.0	H	226.0	5.6
15607.500000	---	36.57	54.00	17.43	500.0	200.0	H	26.0	6.5
15846.250000	---	35.78	54.00	18.22	500.0	200.0	H	236.0	6.7
16452.500000	48.47	---	68.20	19.73	500.0	200.0	H	113.0	8.0

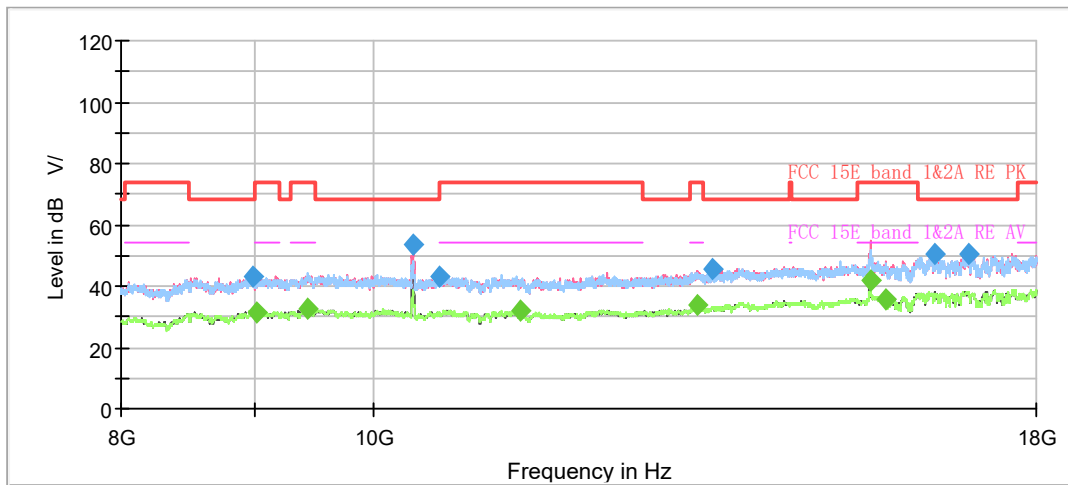
802.11n (HT20) CH36



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

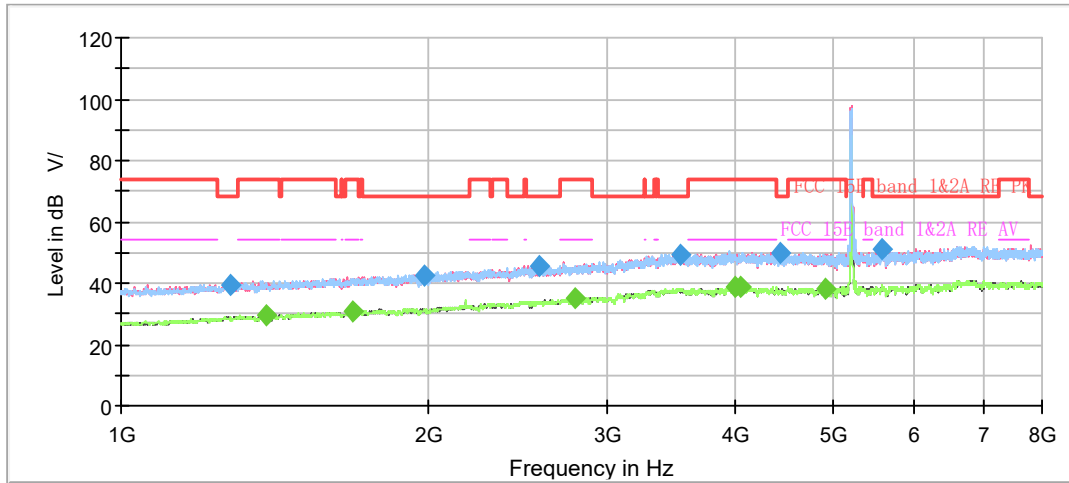
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1290.500000	40.27	---	68.20	27.93	500.0	200.0	V	150.0	-8.3
1393.750000	---	29.41	54.00	24.59	500.0	200.0	H	304.0	-7.6
1692.125000	---	30.81	54.00	23.19	500.0	200.0	H	128.0	-6.0
1947.625000	43.00	---	68.20	25.20	500.0	200.0	H	232.0	-4.7
2578.500000	46.05	---	68.20	22.15	500.0	200.0	V	132.0	-2.0
2814.750000	---	35.06	54.00	18.94	500.0	200.0	H	189.0	-1.2
3486.750000	49.43	---	68.20	18.77	500.0	200.0	H	137.0	1.7
3995.125000	---	38.60	54.00	15.40	500.0	200.0	H	215.0	3.2
4430.875000	49.24	---	68.20	18.96	500.0	200.0	H	103.0	3.5
4696.000000	---	38.41	54.00	15.59	500.0	200.0	V	87.0	4.3
5086.250000	---	38.79	54.00	15.21	500.0	200.0	V	349.0	5.1
5574.500000	49.83	---	68.20	18.37	500.0	200.0	H	267.0	5.6



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)
8996.250000	42.88	---	68.20	25.32	500.0	200.0	V	0.0	-1.3
9023.750000	---	31.51	54.00	22.49	500.0	200.0	H	144.0	-1.3
9441.250000	---	32.47	54.00	21.53	500.0	200.0	H	328.0	-0.4
10363.750000	53.30	---	68.20	14.90	500.0	200.0	V	69.0	-1.0
10600.000000	42.98	---	68.20	25.22	500.0	200.0	V	23.0	-0.8
11398.750000	---	32.06	54.00	21.94	500.0	200.0	H	154.0	-0.5
13338.750000	---	33.86	54.00	20.14	500.0	200.0	V	5.0	2.3
13506.250000	45.36	---	68.20	22.84	500.0	200.0	H	172.0	2.7
15531.250000	---	41.86	54.00	12.14	500.0	200.0	V	79.0	6.2
15750.000000	---	35.74	54.00	18.26	500.0	200.0	V	294.0	6.7
16460.000000	50.18	---	68.20	18.02	500.0	200.0	V	0.0	8.0
16945.000000	50.32	---	68.20	17.88	500.0	200.0	V	23.0	8.8

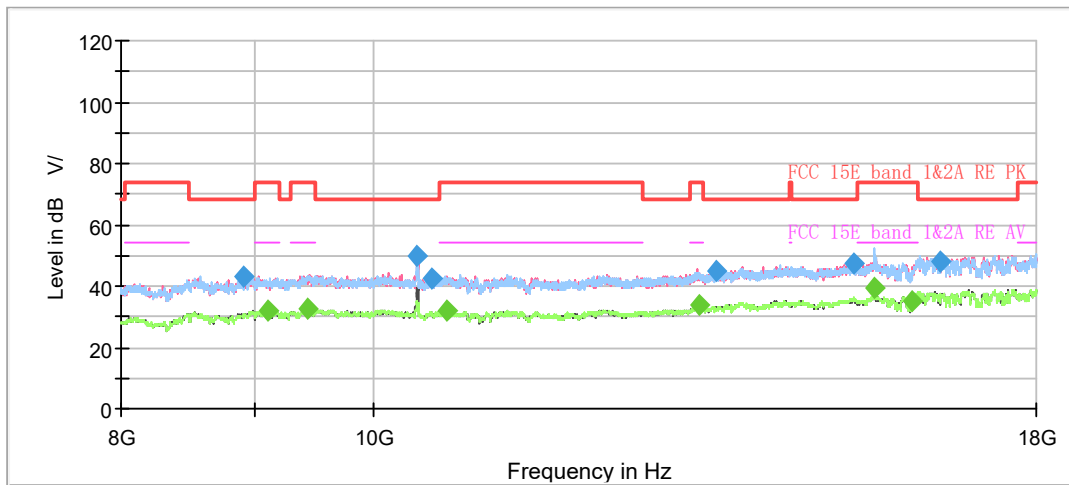
802.11n (HT20) CH40



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

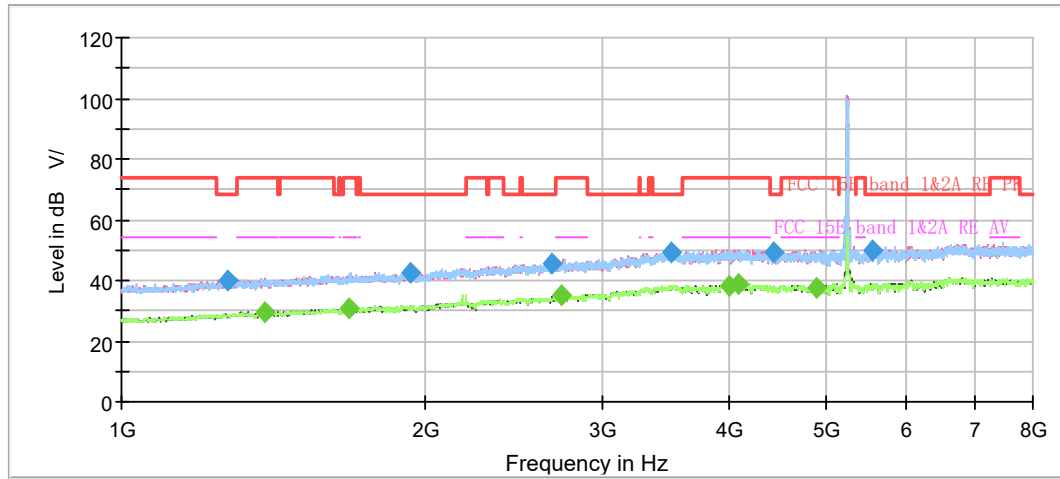
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1280.875000	39.38	---	68.20	28.82	500.0	200.0	V	65.0	-8.3
1390.250000	---	29.34	54.00	24.66	500.0	200.0	H	97.0	-7.6
1689.500000	---	30.92	54.00	23.08	500.0	200.0	H	331.0	-6.0
1980.000000	42.50	---	68.20	25.70	500.0	200.0	H	331.0	-4.7
2569.750000	45.61	---	68.20	22.59	500.0	200.0	H	289.0	-2.0
2792.000000	---	34.88	54.00	19.12	500.0	200.0	H	323.0	-1.3
3530.500000	49.38	---	68.20	18.82	500.0	200.0	H	2.0	1.7
3991.625000	---	38.51	54.00	15.49	500.0	200.0	H	298.0	3.2
4058.125000	---	38.80	54.00	15.20	500.0	200.0	H	157.0	3.4
4430.875000	49.82	---	68.20	18.38	500.0	200.0	H	184.0	3.5
4908.625000	---	38.42	54.00	15.58	500.0	200.0	V	37.0	4.6
5571.000000	50.78	---	68.20	17.42	500.0	200.0	H	253.0	5.5



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)
8918.750000	43.07	---	68.20	25.13	500.0	200.0	H	306.0	-1.3
9117.500000	---	31.95	54.00	22.05	500.0	200.0	H	205.0	-1.2
9443.750000	---	32.88	54.00	21.13	500.0	200.0	H	268.0	-0.4
10398.750000	49.64	---	68.20	18.56	500.0	200.0	V	91.0	-1.0
10536.250000	42.54	---	68.20	25.66	500.0	200.0	V	100.0	-1.0
10673.750000	---	32.08	54.00	21.92	500.0	200.0	V	340.0	-0.8
13361.250000	---	33.62	54.00	20.38	500.0	200.0	V	82.0	2.4
13546.250000	44.86	---	68.20	23.34	500.0	200.0	V	163.0	2.9
15300.000000	47.20	---	68.20	21.00	500.0	200.0	H	316.0	5.6
15602.500000	---	39.45	54.00	14.55	500.0	200.0	H	22.0	6.5
16123.750000	---	35.18	54.00	18.82	500.0	200.0	V	285.0	7.0
16545.000000	47.90	---	68.20	20.30	500.0	200.0	V	127.0	8.1

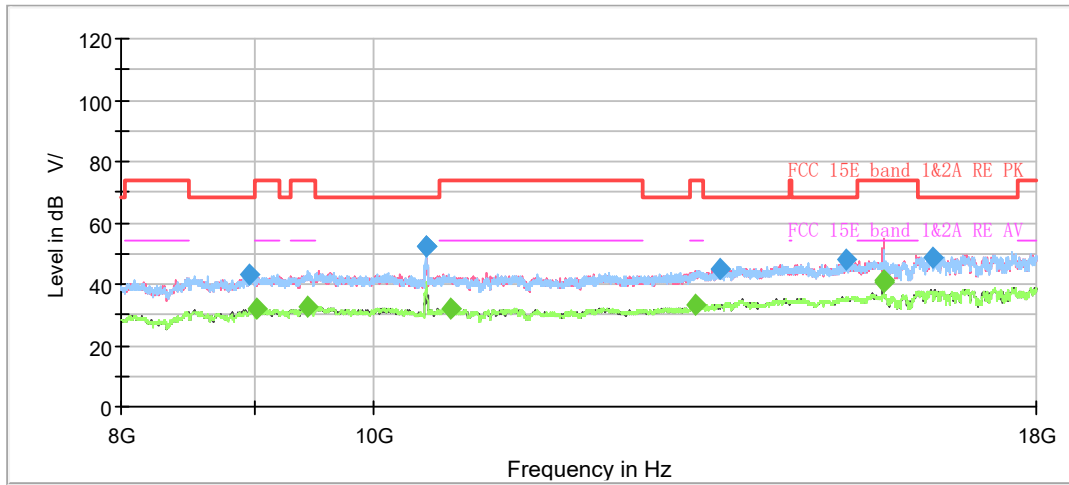
802.11n (HT20) CH48



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

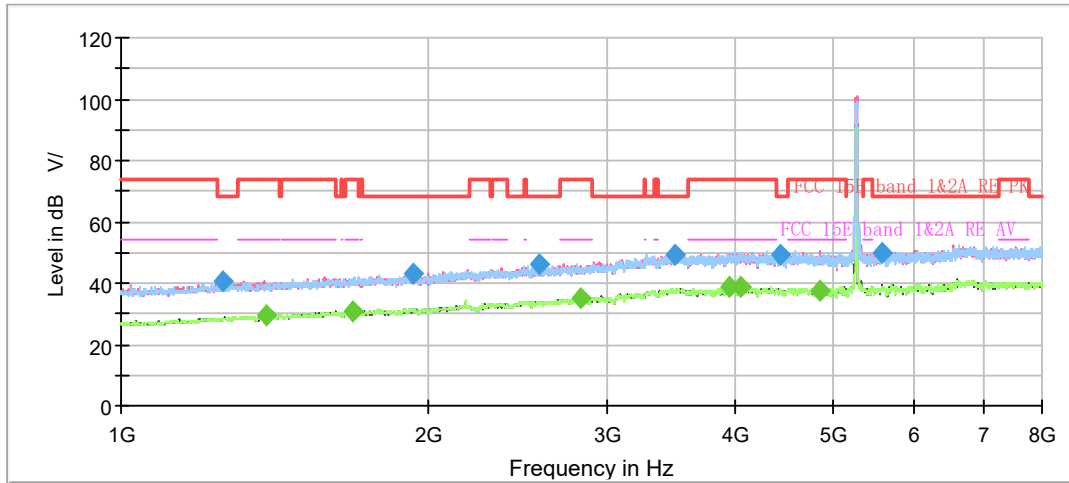
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1274.750000	39.92	---	68.20	28.28	500.0	200.0	V	34.0	-8.4
1385.875000	---	29.63	54.00	24.37	500.0	200.0	V	17.0	-7.7
1678.125000	---	30.64	54.00	23.36	500.0	200.0	V	139.0	-6.1
1931.000000	42.47	---	68.20	25.73	500.0	200.0	V	324.0	-4.8
2672.125000	45.66	---	68.20	22.54	500.0	200.0	V	289.0	-1.8
2727.250000	---	35.00	54.00	19.00	500.0	200.0	V	25.0	-1.5
3499.000000	49.45	---	68.20	18.75	500.0	200.0	V	260.0	1.8
3993.375000	---	38.45	54.00	15.55	500.0	200.0	H	160.0	3.2
4082.625000	---	38.91	54.00	15.09	500.0	200.0	V	296.0	3.4
4427.375000	49.23	---	68.20	18.97	500.0	200.0	V	34.0	3.5
4876.250000	---	37.67	54.00	16.33	500.0	200.0	V	0.0	4.2
5545.625000	50.04	---	68.20	18.16	500.0	200.0	H	258.0	5.4



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)
8960.000000	43.00	---	68.20	25.20	500.0	200.0	V	137.0	-1.3
9023.750000	---	31.92	54.00	22.08	500.0	200.0	H	81.0	-1.3
9438.750000	---	32.70	54.00	21.30	500.0	200.0	H	350.0	-0.4
10480.000000	52.32	---	68.20	15.88	500.0	200.0	H	96.0	-1.0
10486.250000	52.28	---	68.20	15.92	500.0	200.0	H	96.0	-1.0
10711.250000	---	31.80	54.00	22.20	500.0	200.0	H	305.0	-0.8
13317.500000	---	33.50	54.00	20.50	500.0	200.0	V	191.0	2.3
13600.000000	45.14	---	68.20	23.06	500.0	200.0	V	182.0	3.0
15203.750000	47.70	---	68.20	20.50	500.0	200.0	H	359.0	5.4
15722.500000	---	41.04	54.00	12.96	500.0	200.0	V	81.0	6.7
15727.500000	---	40.84	54.00	13.16	500.0	200.0	V	72.0	6.7
16408.750000	48.90	---	68.20	19.30	500.0	200.0	V	100.0	7.9

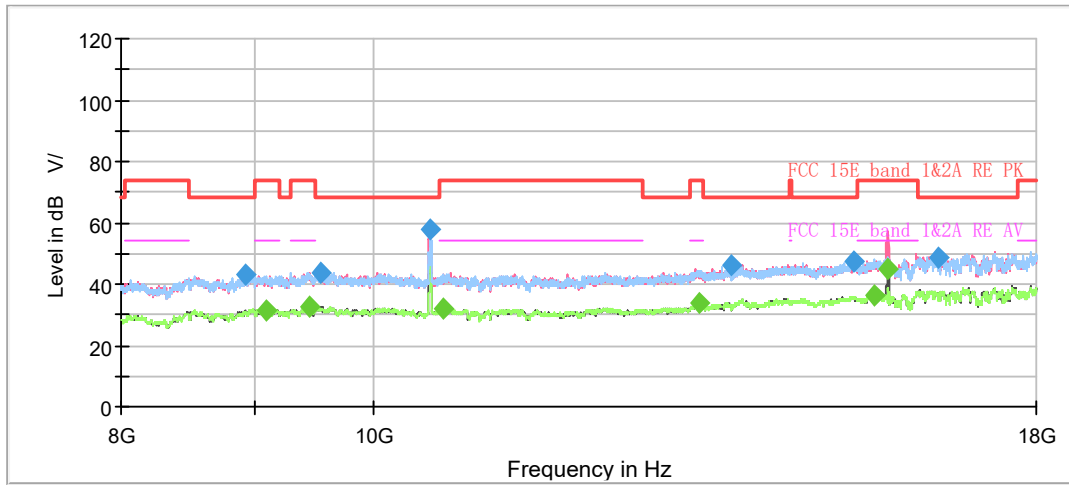
802.11n (HT20) CH52



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

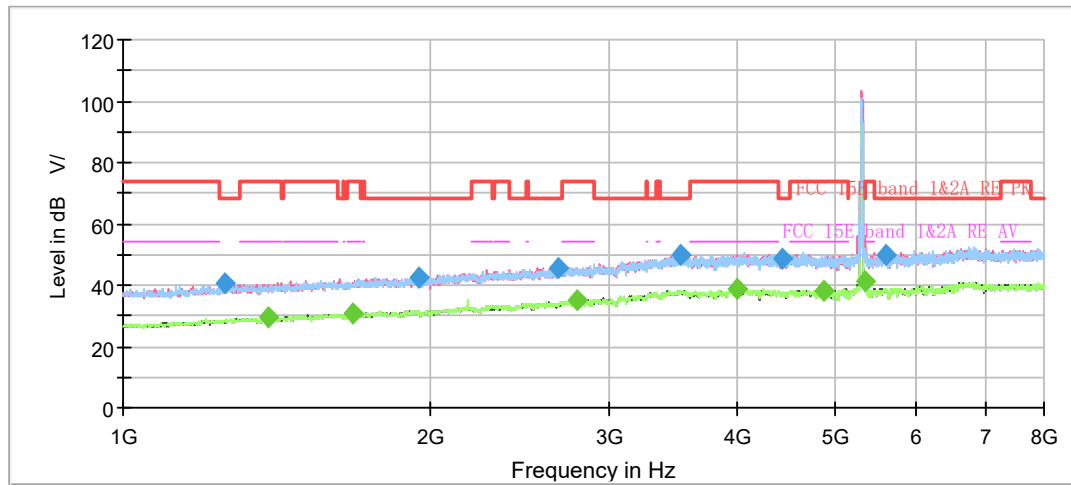
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1260.750000	40.68	---	68.20	27.52	500.0	200.0	H	216.0	-8.5
1385.875000	---	29.45	54.00	24.55	500.0	200.0	V	14.0	-7.7
1684.250000	---	30.78	54.00	23.22	500.0	200.0	H	0.0	-6.0
1931.875000	43.09	---	68.20	25.11	500.0	200.0	V	148.0	-4.8
2569.750000	46.02	---	68.20	22.18	500.0	200.0	V	229.0	-2.0
2826.125000	---	34.81	54.00	19.19	500.0	200.0	V	41.0	-1.2
3496.375000	49.33	---	68.20	18.87	500.0	200.0	H	233.0	1.8
3945.250000	---	38.59	54.00	15.41	500.0	200.0	V	121.0	2.8
4058.125000	---	38.78	54.00	15.22	500.0	200.0	V	340.0	3.4
4422.125000	48.96	---	68.20	19.25	500.0	200.0	V	5.0	3.6
4836.875000	---	37.62	54.00	16.38	500.0	200.0	V	85.0	4.0
5569.250000	49.94	---	68.20	18.26	500.0	200.0	V	14.0	5.5



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)
8932.500000	42.82	---	68.20	25.38	500.0	200.0	H	343.0	-1.3
9093.750000	---	31.61	54.00	22.39	500.0	200.0	H	42.0	-1.2
9451.250000	---	32.67	54.00	21.33	500.0	200.0	H	352.0	-0.3
9542.500000	43.82	---	68.20	24.38	500.0	200.0	H	149.0	-0.2
10517.500000	57.70	---	68.20	10.50	500.0	200.0	V	98.0	-1.0
10641.250000	---	32.07	54.00	21.93	500.0	200.0	H	158.0	-0.8
13351.250000	---	33.64	54.00	20.36	500.0	200.0	V	200.0	2.4
13726.250000	45.86	---	68.20	22.34	500.0	200.0	V	16.0	3.3
15306.250000	47.51	---	68.20	20.69	500.0	200.0	H	196.0	5.6
15605.000000	---	36.26	54.00	17.74	500.0	200.0	H	19.0	6.5
15783.750000	---	45.01	54.00	8.99	500.0	200.0	V	89.0	6.8
16513.750000	48.81	---	68.20	19.39	500.0	200.0	H	196.0	8.1

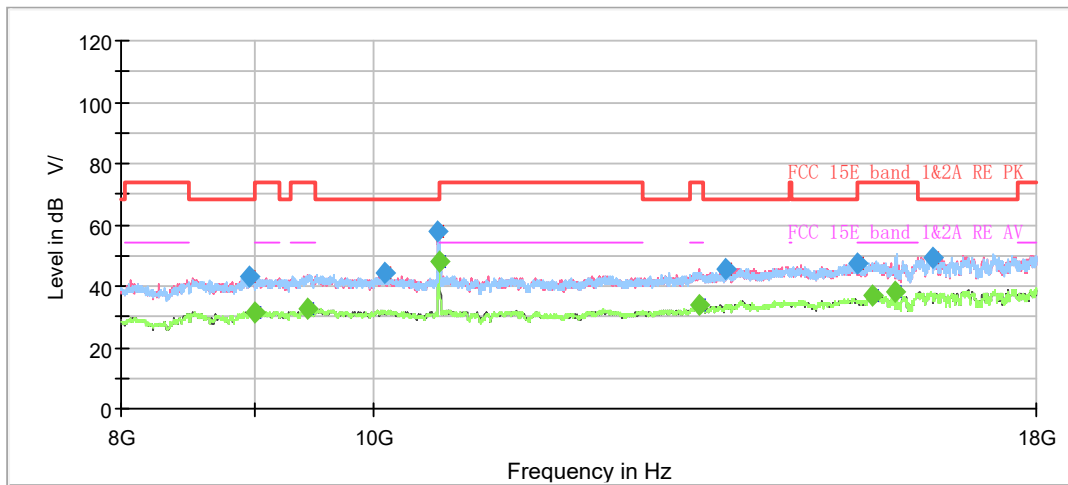
802.11n (HT20) CH60



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

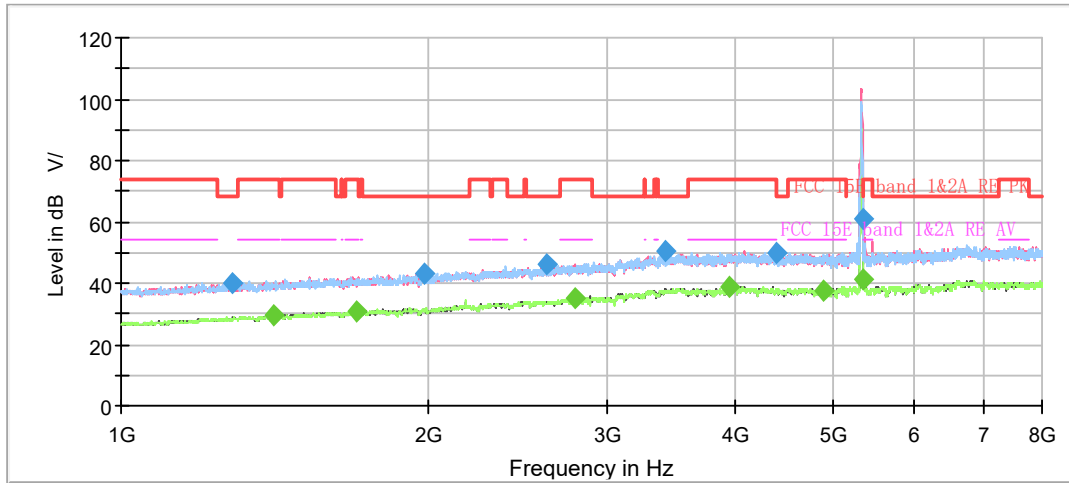
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1257.250000	40.50	---	68.20	27.70	500.0	200.0	V	141.0	-8.6
1385.000000	---	29.50	54.00	24.50	500.0	200.0	V	53.0	-7.7
1679.875000	---	30.63	54.00	23.37	500.0	200.0	V	124.0	-6.0
1948.500000	42.53	---	68.20	25.67	500.0	200.0	V	70.0	-4.7
2672.125000	45.77	---	68.20	22.43	500.0	200.0	H	174.0	-1.8
2789.375000	---	34.92	54.00	19.08	500.0	200.0	V	186.0	-1.3
3516.500000	49.73	---	68.20	18.47	500.0	200.0	H	112.0	1.8
3994.250000	---	38.82	54.00	15.18	500.0	200.0	V	194.0	3.2
4432.625000	48.74	---	68.20	19.46	500.0	200.0	H	298.0	3.5
4855.250000	---	38.16	54.00	15.84	500.0	200.0	H	0.0	4.1
5351.375000	---	41.09	54.00	12.91	500.0	200.0	V	9.0	5.2
5590.250000	49.65	---	68.20	18.55	500.0	200.0	V	168.0	5.7



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8960.000000	43.09	---	68.20	25.11	500.0	200.0	V	151.0	-1.3
9000.000000	---	31.60	54.00	22.40	500.0	200.0	V	123.0	-1.3
9442.500000	---	32.60	54.00	21.40	500.0	200.0	V	39.0	-0.4
10098.750000	44.16	---	68.20	24.04	500.0	200.0	H	321.0	-0.9
10592.500000	57.57	---	68.20	10.63	500.0	200.0	V	95.0	-0.9
10601.250000	---	47.79	54.00	6.21	500.0	200.0	V	95.0	-0.8
13350.000000	---	33.67	54.00	20.33	500.0	200.0	H	283.0	2.4
13665.000000	45.37	---	68.20	22.83	500.0	200.0	H	200.0	3.1
15348.750000	47.39	---	68.20	20.81	500.0	200.0	V	341.0	5.7
15565.000000	---	36.64	54.00	17.36	500.0	200.0	V	132.0	6.4
15893.750000	---	38.36	54.00	15.64	500.0	200.0	V	95.0	6.6
16410.000000	49.37	---	68.20	18.83	500.0	200.0	V	197.0	7.9

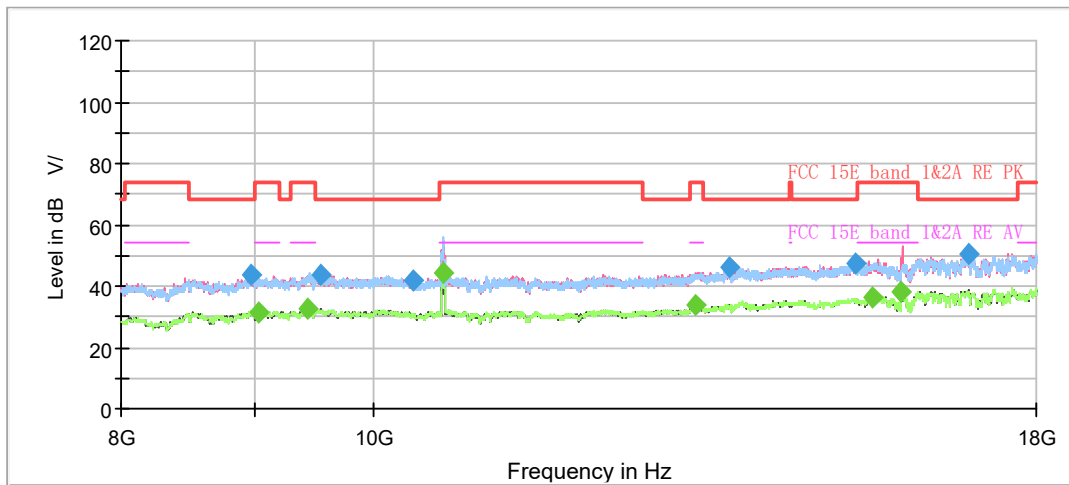
802.11n (HT20) CH64



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

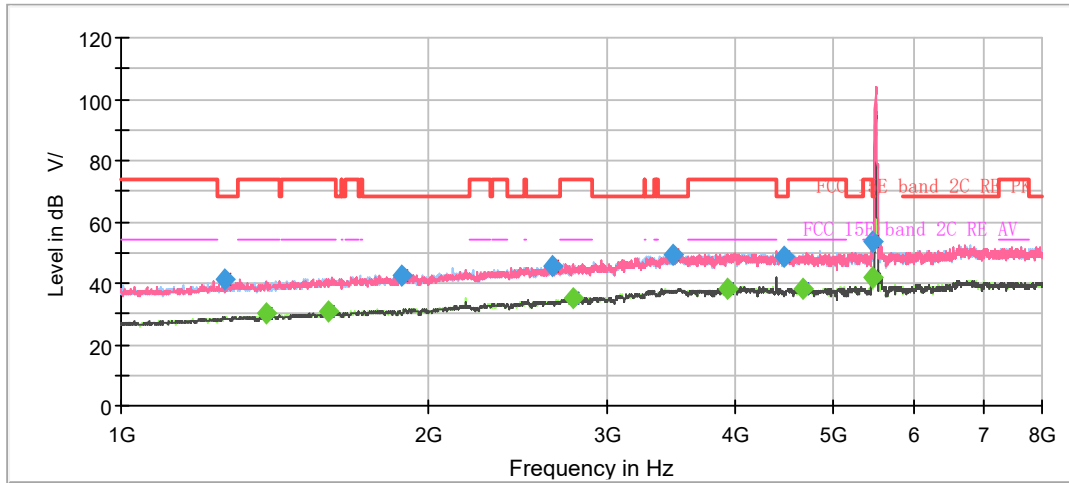
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1283.500000	40.29	---	68.20	27.91	500.0	200.0	H	182.0	-8.3
1411.250000	---	29.41	54.00	24.59	500.0	200.0	H	21.0	-7.5
1699.125000	---	30.61	54.00	23.39	500.0	200.0	H	209.0	-6.0
1980.875000	42.79	---	68.20	25.41	500.0	200.0	V	141.0	-4.7
2612.625000	45.90	---	68.20	22.30	500.0	200.0	H	209.0	-2.0
2789.375000	---	34.90	54.00	19.10	500.0	200.0	V	123.0	-1.3
3415.875000	50.26	---	68.20	17.94	500.0	200.0	V	88.0	1.4
3955.750000	---	38.77	54.00	15.23	500.0	200.0	H	243.0	2.9
4397.625000	49.59	---	74.00	24.41	500.0	200.0	H	321.0	3.6
4878.875000	---	37.53	54.00	16.47	500.0	200.0	V	0.0	4.3
5350.500000	---	41.09	54.00	12.91	500.0	200.0	V	356.0	5.2
5350.500000	61.18	---	74.00	12.82	500.0	200.0	V	356.0	5.2



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8968.750000	43.43	---	68.20	24.77	500.0	200.0	H	67.0	-1.3
9037.500000	---	31.67	54.00	22.33	500.0	200.0	H	351.0	-1.3
9440.000000	---	32.63	54.00	21.37	500.0	200.0	H	36.0	-0.4
9553.750000	43.53	---	68.20	24.67	500.0	200.0	H	333.0	-0.3
10362.500000	41.65	---	68.20	26.55	500.0	200.0	H	323.0	-1.0
10636.250000	---	44.51	54.00	9.49	500.0	200.0	H	32.0	-0.8
13313.750000	---	33.58	54.00	20.42	500.0	200.0	H	215.0	2.3
13716.250000	46.04	---	68.20	22.16	500.0	200.0	H	132.0	3.3
15331.250000	47.64	---	68.20	20.56	500.0	200.0	V	85.0	5.7
15571.250000	---	36.50	54.00	17.50	500.0	200.0	V	172.0	6.4
15970.000000	---	38.16	54.00	15.84	500.0	200.0	V	94.0	6.8
16946.250000	50.51	---	68.20	17.69	500.0	200.0	H	15.0	8.8

802.11n (HT20) CH100



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 8GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1261.625000	41.07	---	68.20	27.13	500.0	200.0	H	50.0	-8.5
1385.875000	---	29.95	54.00	24.05	500.0	200.0	V	49.0	-7.7
1595.875000	---	30.75	54.00	23.25	500.0	200.0	V	261.0	-6.3
1886.375000	42.72	---	68.20	25.48	500.0	200.0	H	6.0	-5.1
2652.875000	45.27	---	68.20	22.93	500.0	200.0	V	243.0	-2.0
2773.625000	---	34.86	54.00	19.14	500.0	200.0	H	166.0	-1.4
3479.750000	49.36	---	68.20	18.84	500.0	200.0	V	199.0	1.7
3932.125000	---	38.31	54.00	15.69	500.0	200.0	H	200.0	2.7
4459.750000	48.69	---	68.20	19.51	500.0	200.0	H	192.0	3.6
4661.000000	---	38.19	54.00	15.81	500.0	200.0	V	207.0	4.2
5458.125000	---	42.01	54.00	11.99	500.0	200.0	V	0.0	5.3
5466.000000	53.67	---	68.20	14.53	500.0	200.0	V	0.0	5.4