

2.8. Radiated Emission

2.8.1. Requirement

The peak emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

- (1) For transmitters operating in the 5.15–5.25 GHz band: all emissions outside of the 5.15–5.35 GHz band shall not exceed an EIRP of -27dBm/MHz.
- (2) For transmitters operating in the 5.25–5.35 GHz band: all emissions outside of the 5.15–5.35 GHz band shall not exceed an EIRP of -27dBm/MHz.
- (3) For transmitters operating in the 5.725-5.85 GHz band: All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.

The following formula is used to convert the equipment isotropic radiated power(eirp) to field strength (dBμV/m);

$$E = 1000000 \times \sqrt{30P} / 3 \mu\text{V/m}$$

where P is the EIRP in Watts

Therefore: -27 dBm/MHz = 68.23 dBuV/m

Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in § 15.209. According to FCC section 15.209 (a), except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

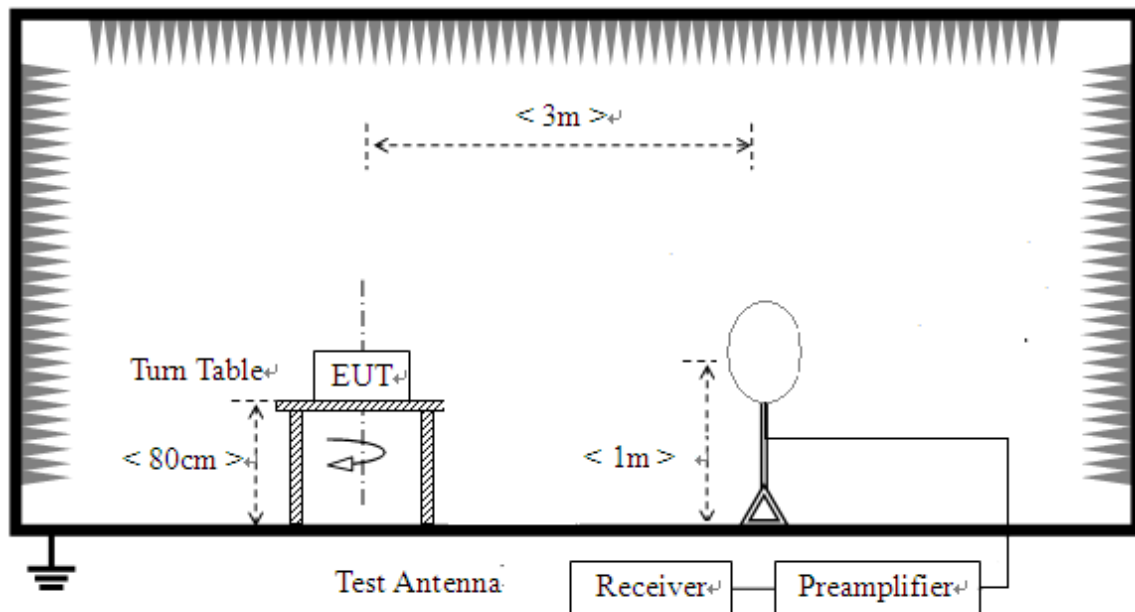
Note:

For Above 1000MHz, the emission limit in this paragraph is based on measurement instrumentation employing an average detector, measurement using instrumentation with a peak detector function, corresponding to 20dB above the maximum permitted average limit.

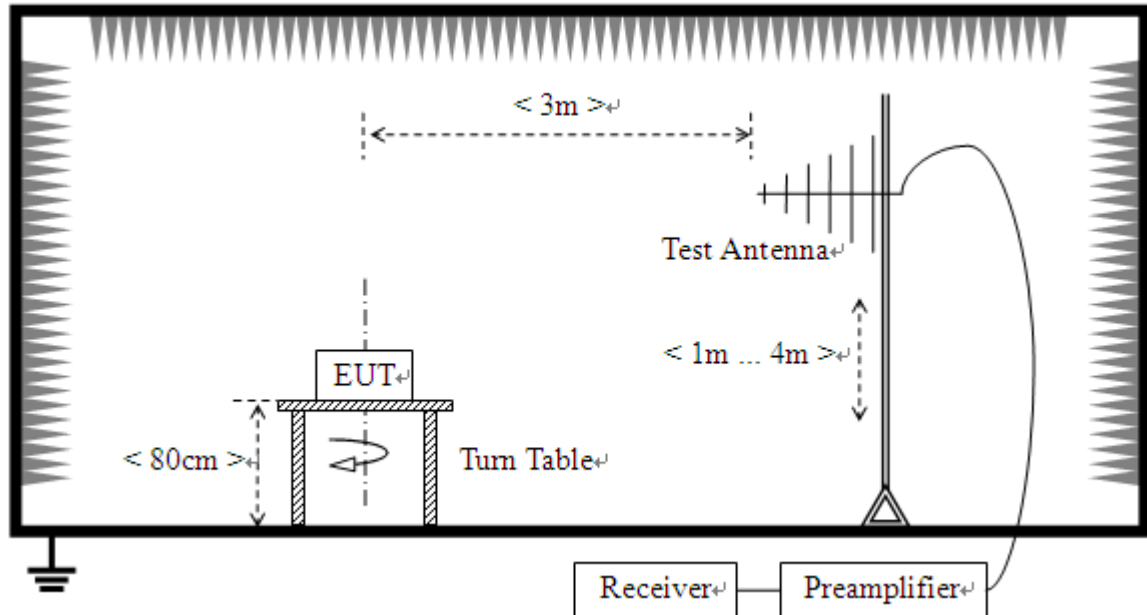
In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), also should comply with the radiated emission limits specified in Section 15.209(a)(above table)

2.8.2. Test Description
A. Test Setup:

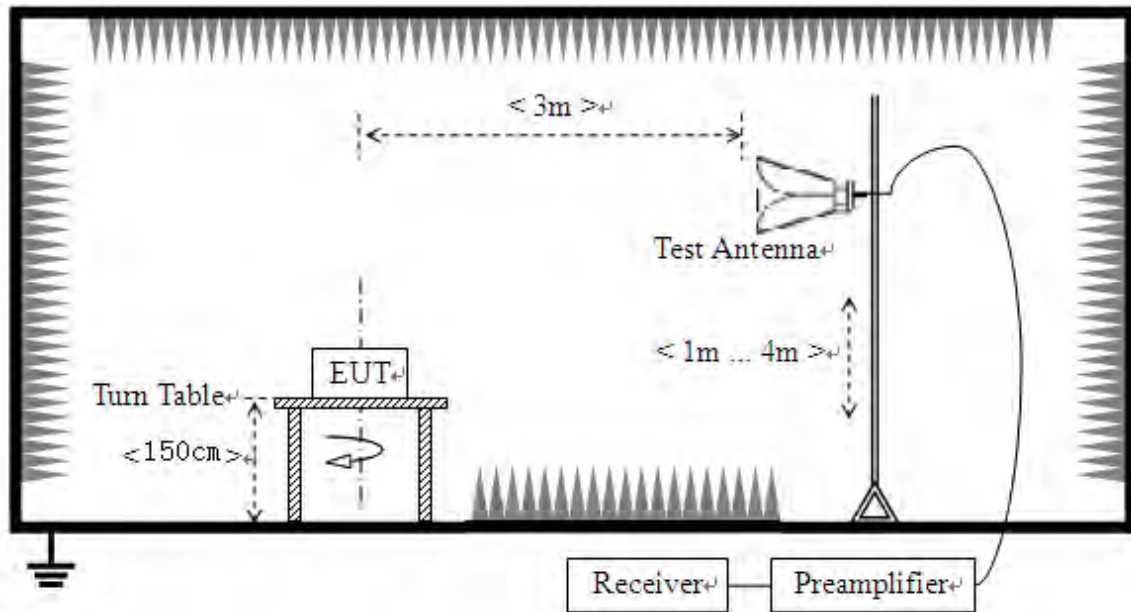
- 1) For radiated emissions from 9kHz to 30MHz



2) For radiated emissions from 30MHz to 1GHz



3) For radiated emissions above 1GHz



The RF absorbing material used on the reference ground plane and on the turntable have a maximum height (thickness) of 30 cm (12 in) and have a minimum-rated attenuation of 20 dB at all frequencies from 1 GHz to 18 GHz.

The test site semi-anechoic chamber has met the requirement of NSA tolerance 4dB according to the standards: ANSI C63.10 (2013). For radiated emissions below or equal to 1GHz, The EUT was set-up on insulator 80cm above the Ground Plane, For radiated emissions above 1GHz, The EUT



was set-up on insulator 150cm above the Ground Plane. The set-up and test methods were according to ANSI C63.10

For the Test Antenna:

(a) In the frequency range of 9kHz to 30MHz, magnetic field is measured with Loop Test Antenna. The Test Antenna is positioned with its plane vertical at 1m distance from the EUT. The center of the Loop Test Antenna is 1m above the ground. During the measurement the Loop Test Antenna rotates about its vertical axis for maximum response at each azimuth about the EUT.

(b) In the frequency range above 30MHz, Bi-Log Test Antenna (30MHz to 1GHz) and Horn Test Antenna (above 1GHz) are used. Place the test antenna at 3m away from area of the EUT, while keeping the test antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The test antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final test antenna elevation shall be that which maximizes the emissions. The test antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane. The emission levels at both horizontal and vertical polarizations should be tested.

For Radiated emission below 30MHz

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

NOTE:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9kHz at frequency below 30MHz.

For Radiated emission above 30MHz

- a. The EUT was placed on the top of a rotating table 0.8 meters (for 30MHz ~ 1GHz) / 1.5 meters (for above 1GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.



- c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
- f. The test-receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Note:

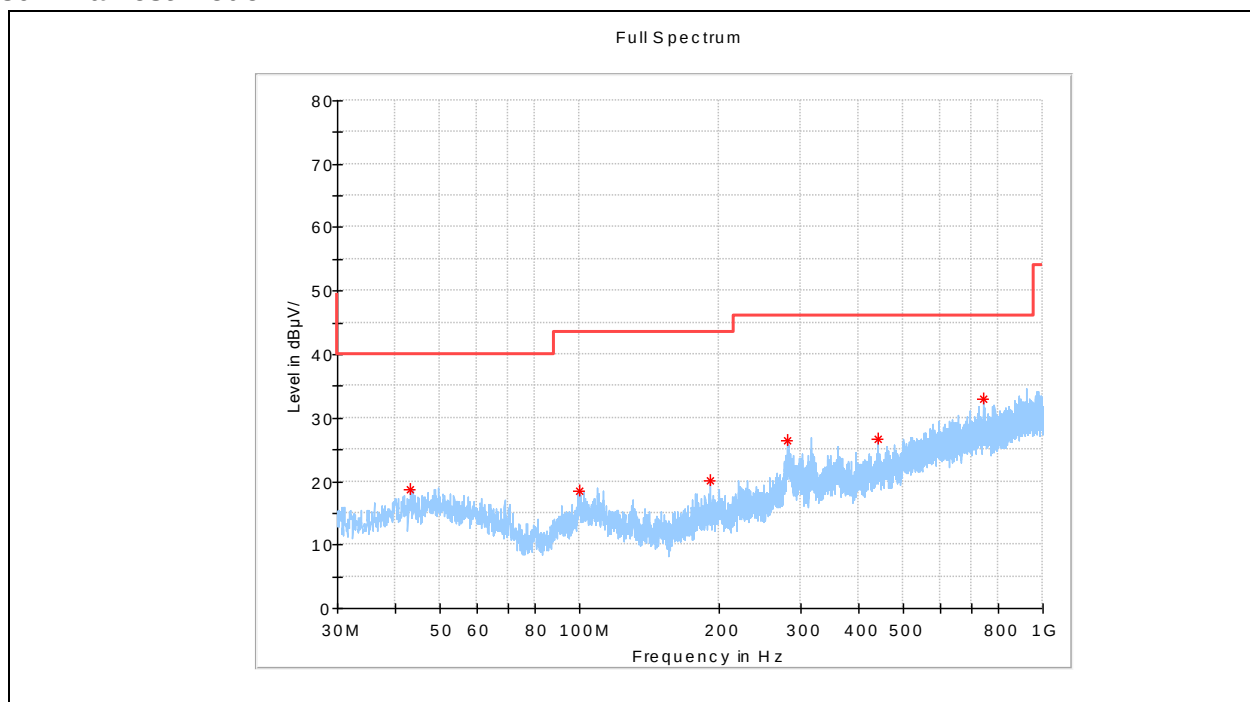
- 1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasipeak detection (QP) at frequency below 1GHz.
- 2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.
- 3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle < 98%) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.
- 4. All modes of operation were investigated and the worst-case emissions are reported.

2.8.3. Test Result

Note1: For the frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

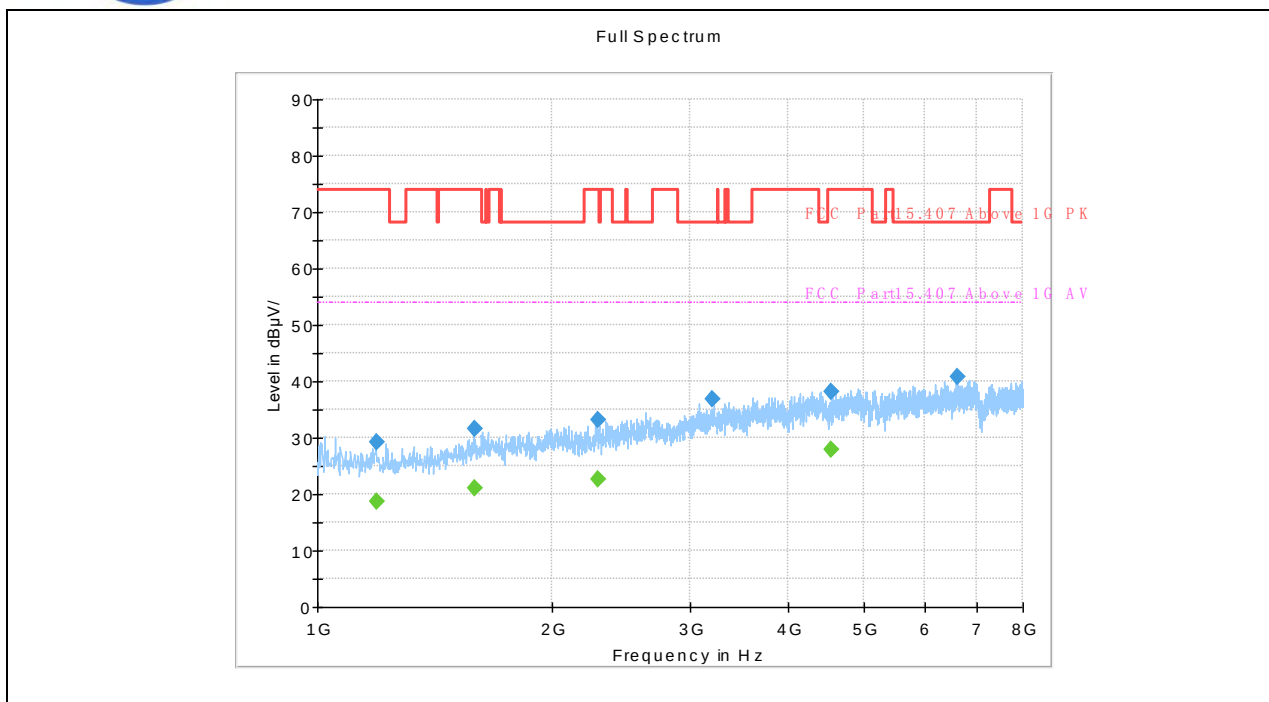
Note2: For the frequency, which started from 18GHz to 40GHz, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

802.11a Test mode



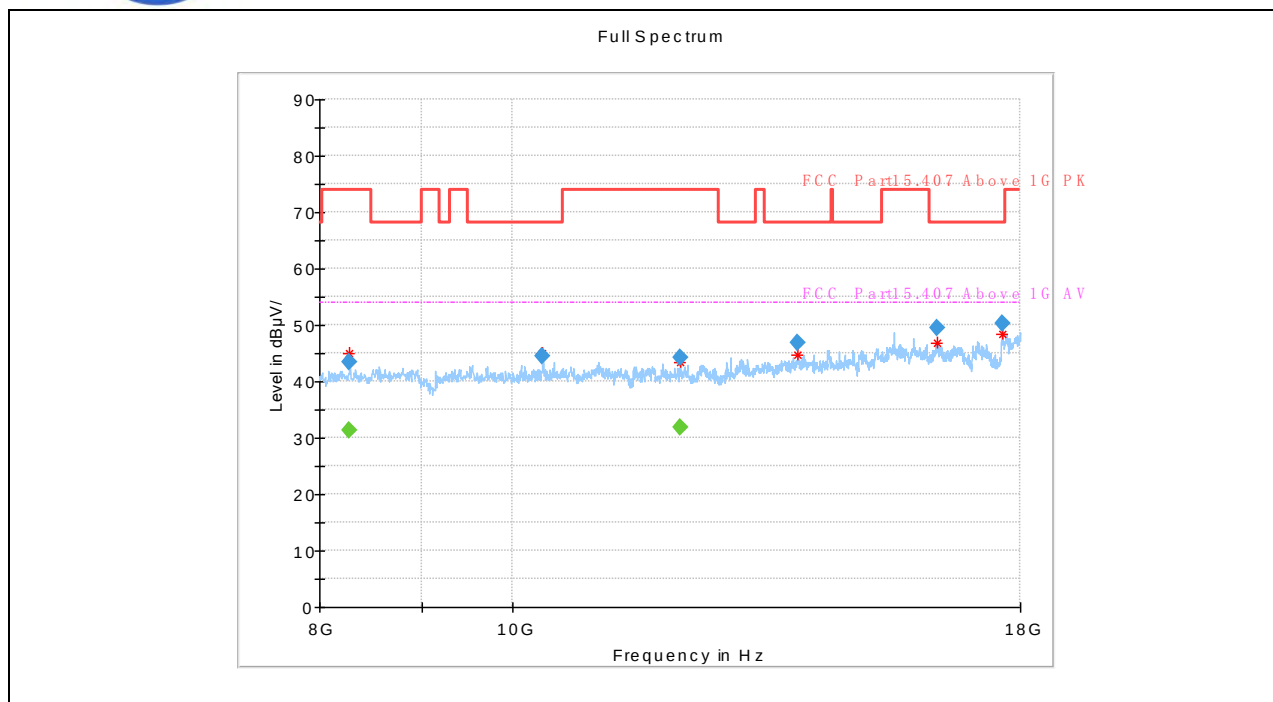
(802.11a _5180MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
43.216250	18.61	---	40.00	21.39	H	15.3
99.920833	18.37	---	43.50	25.13	H	15.1
191.020000	20.11	---	43.50	23.39	H	13.5
280.462083	26.34	---	46.00	19.66	H	16.7
439.905833	26.63	---	46.00	19.37	H	20.6
742.222500	33.07	---	46.00	12.93	H	25.8



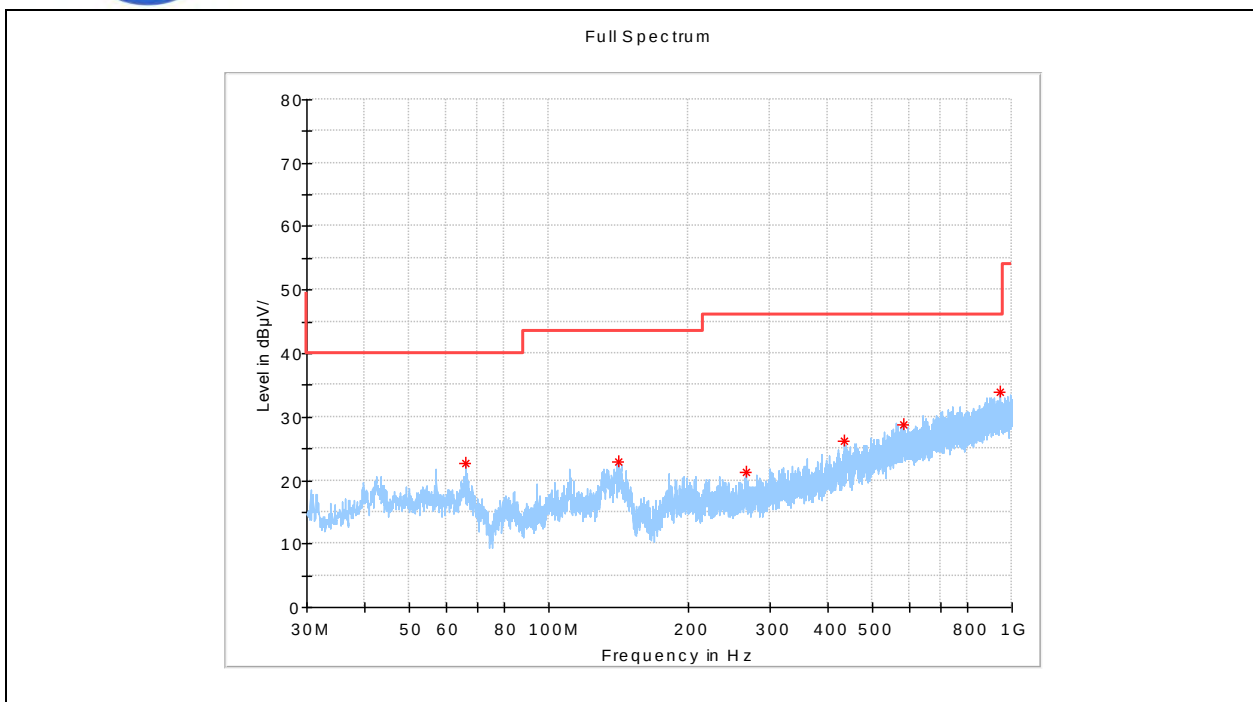
(802.11a _5180MHz, Antenna Horizontal, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1191.414104	29.32	---	74.00	44.68	H	-17.9
1191.414104	---	18.64	54.00	35.36	H	-17.9
1590.256429	31.51	---	74.00	42.49	H	-14.6
1590.256429	---	21.12	54.00	32.88	H	-14.6
2284.363903	---	22.64	54.00	31.36	H	-12.3
2284.363903	33.10	---	74.00	40.90	H	-12.3
3200.242453	36.71	---	68.20	31.49	H	-7.7
4548.039924	---	27.77	54.00	26.23	H	-4.7
4548.039924	38.17	---	74.00	35.83	H	-4.7
6591.194350	40.84	---	68.20	27.36	H	-0.9
1191.414104	29.32	---	74.00	44.68	H	-17.9
1191.414104	---	18.64	54.00	35.36	H	-17.9



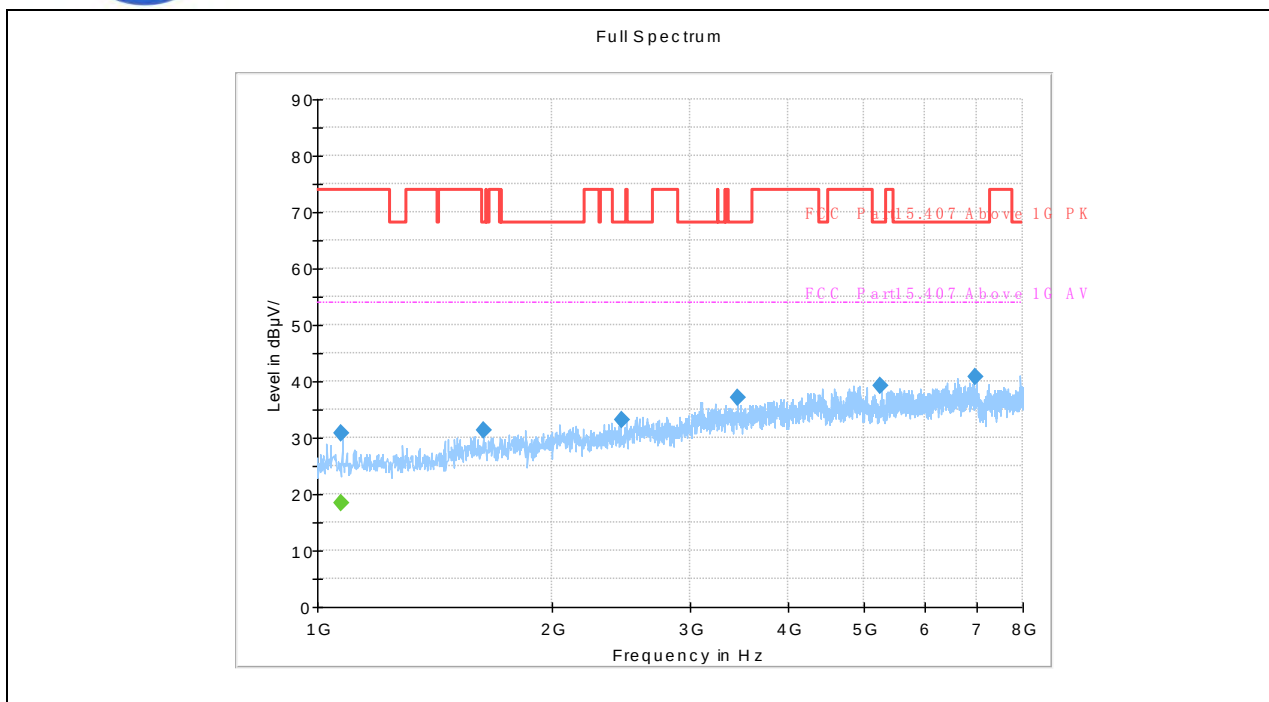
(802.11a _5180MHz, Antenna Horizontal, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8285.000000	43.55	---	74.00	30.45	H	1.5
8285.000000	---	31.40	54.00	22.60	H	1.5
10360.00000	44.54	---	68.20	18.66	H	2.5
12150.00000	44.19	---	74.00	29.81	H	4.3
12150.00000	---	31.72	54.00	22.28	H	4.3
13920.00000	46.81	---	68.20	21.39	H	7.9
16360.00000	49.40	---	68.20	18.80	H	11.4
17620.00000	50.20	---	68.20	18.00	H	13.6
8285.000000	43.55	---	74.00	30.45	H	1.5
13897.50000	---	33.49	54.00	20.51	H	7.6
17992.50000	---	38.26	54.00	15.74	H	15.0
17992.50000	48.41	---	74.00	25.59	H	15.0



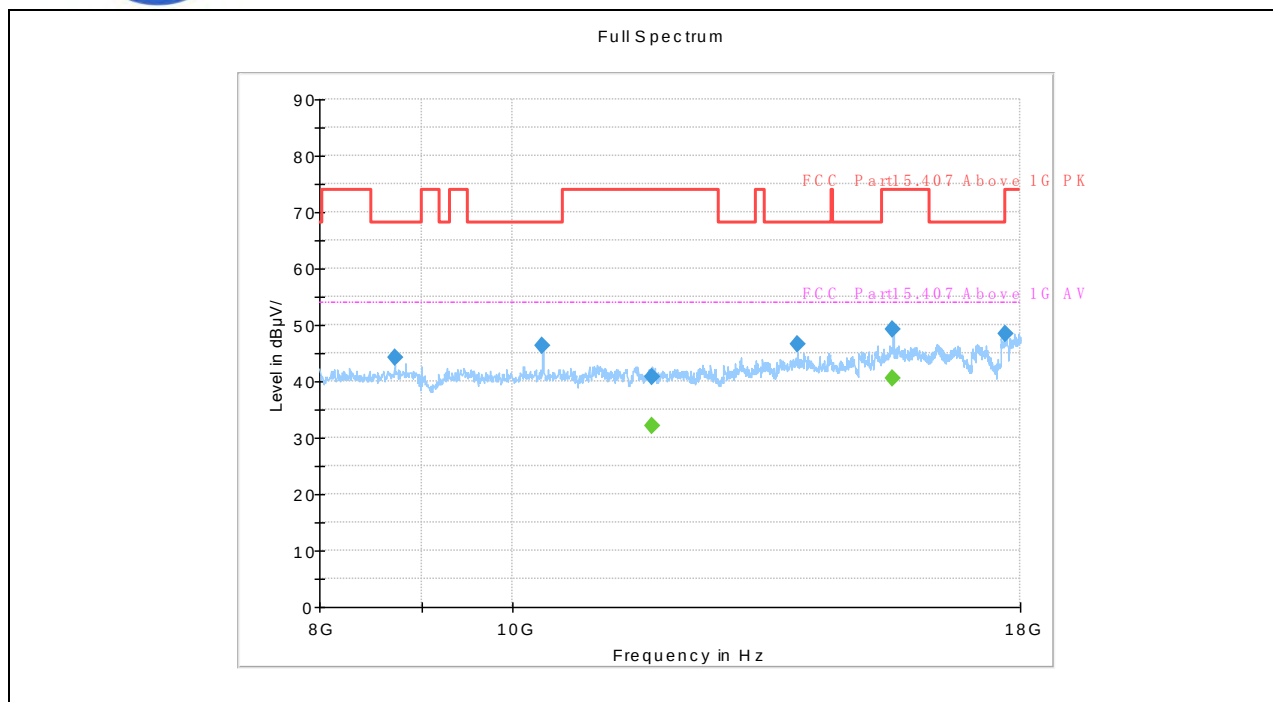
(802.11a _5180MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
66.011250	22.64	---	40.00	17.36	V	13.1
141.226667	23.02	---	43.50	20.48	V	11.7
266.073750	21.38	---	46.00	24.62	V	15.3
434.368750	26.13	---	46.00	19.87	V	19.7
582.415000	28.87	---	46.00	17.13	V	23.1
940.870417	33.96	---	46.00	12.04	V	28.4



(802.11a _5180MHz, Antenna Vertical , 1GHz to 8GHz)

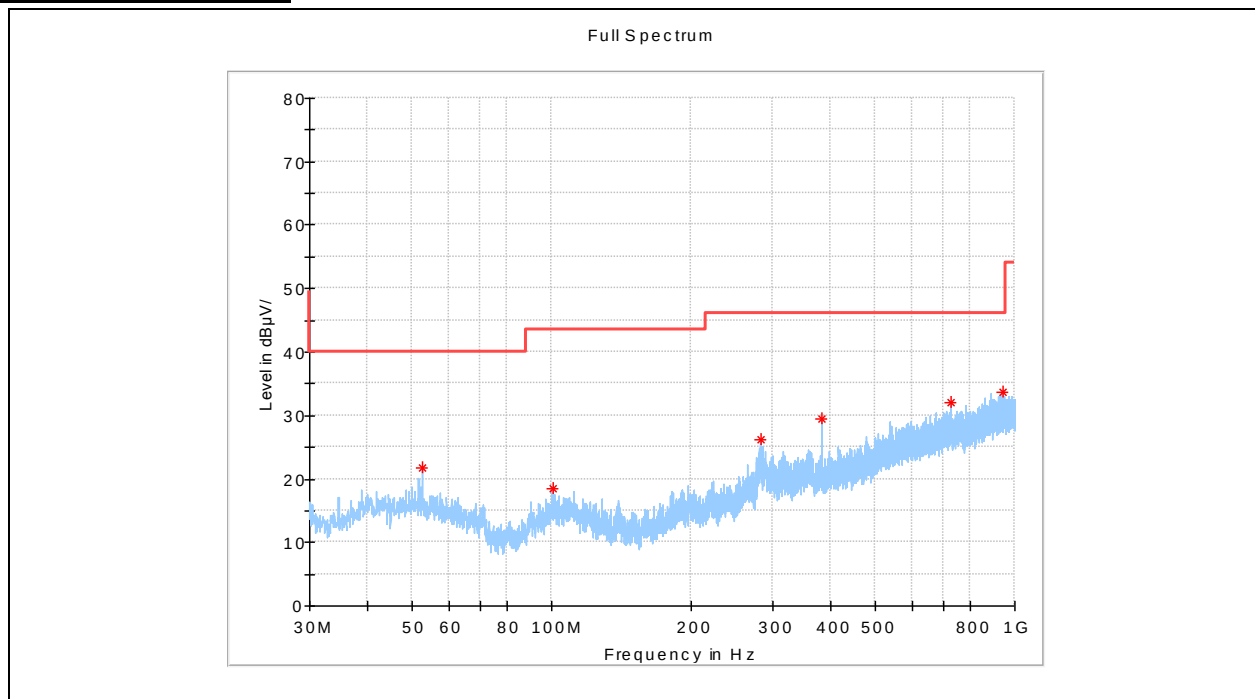
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1074.679065	30.83	---	74.00	43.17	V	-18.0
1074.679065	---	18.41	54.00	35.59	V	-18.0
1630.175225	31.41	---	68.20	36.79	V	-14.4
2448.056160	33.16	---	68.20	35.04	V	-11.3
3448.466524	37.03	---	68.20	31.17	V	-6.8
5265.082052	39.21	---	68.20	28.99	V	-3.0
6965.750819	40.74	---	68.20	27.46	V	-1.3



(802.11a _5180MHz, Antenna Vertical, 8GHz to 18GHz)

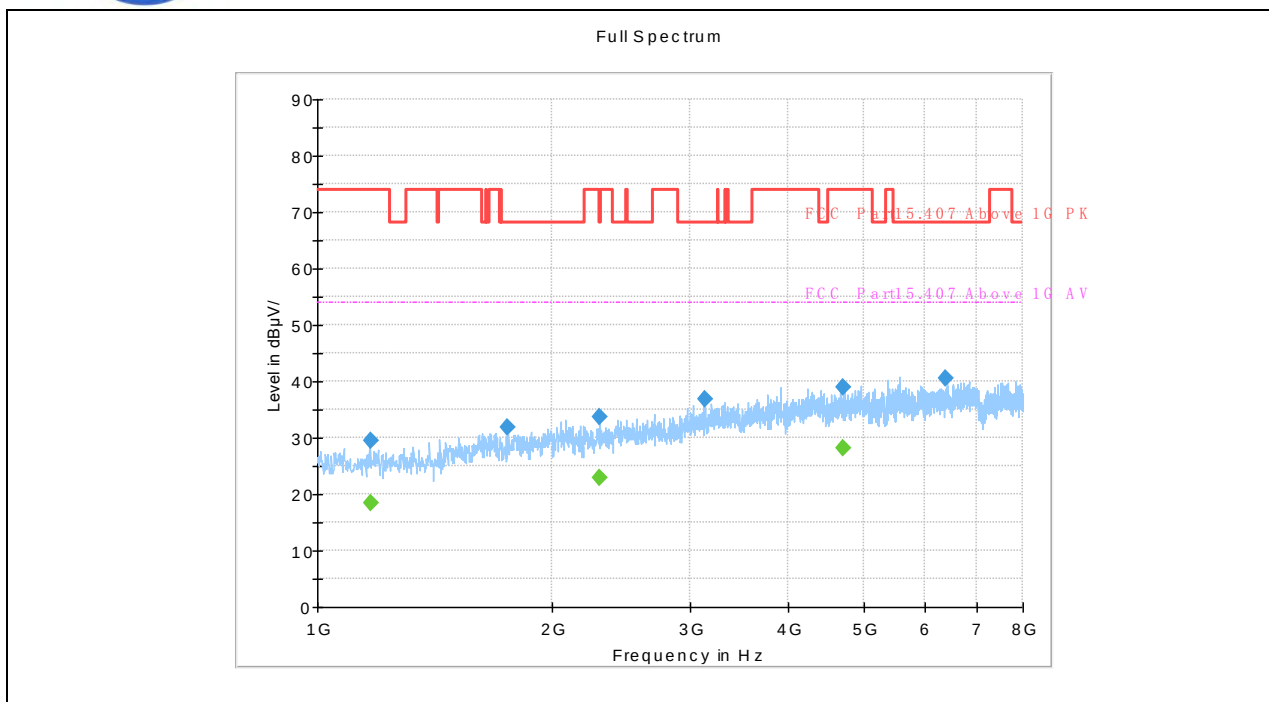
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8730.000000	44.13	---	68.20	24.07	V	1.7
10360.00000	46.31	---	68.20	21.89	V	2.5
11765.00000	---	32.21	54.00	21.79	V	4.1
11765.00000	40.81	---	74.00	33.19	V	4.1
13910.00000	46.53	---	68.20	21.67	V	7.8
15535.00000	---	40.47	54.00	13.53	V	11.2
15535.00000	49.33	---	74.00	24.67	V	11.2
17695.00000	48.53	---	68.20	19.67	V	14.3

Plots for Channel = 44



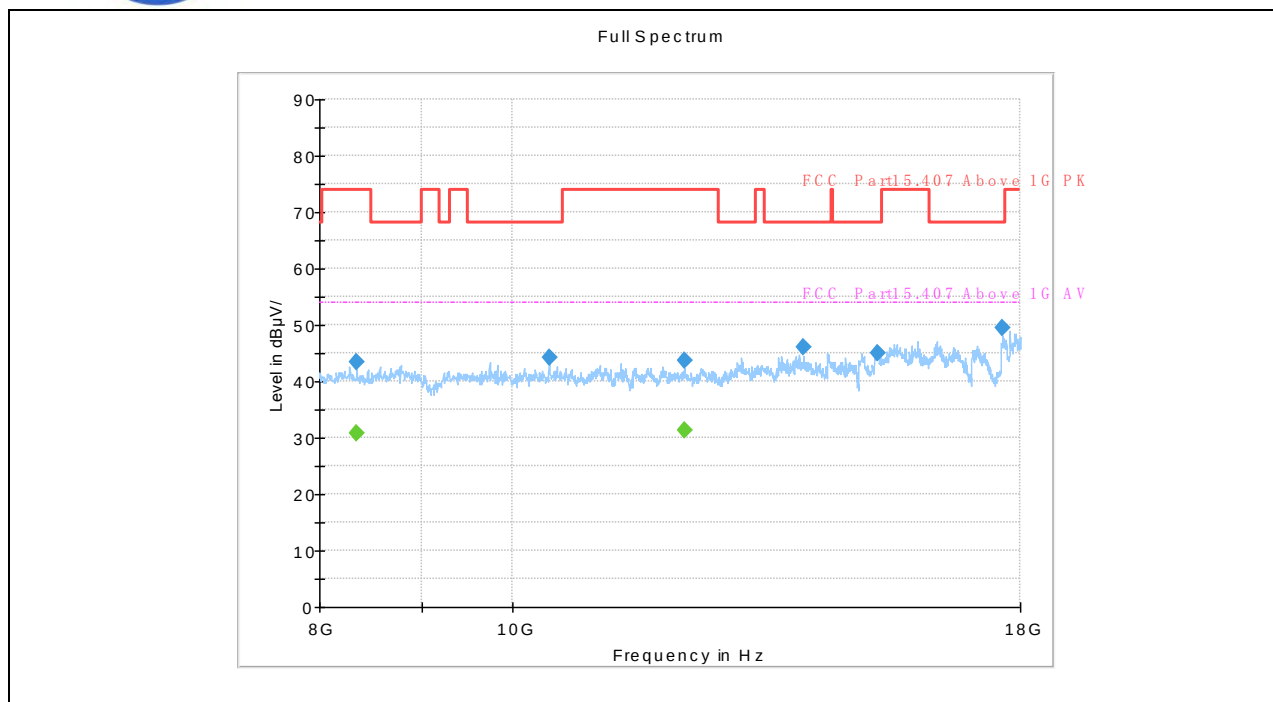
(802.11a _5220MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
52.471667	21.81	---	40.00	18.19	H	15.4
100.729167	18.60	---	43.50	24.90	H	15.1
281.957500	26.26	---	46.00	19.74	H	16.4
384.009583	29.52	---	46.00	16.48	H	18.7
729.127500	31.97	---	46.00	14.03	H	25.3
943.740000	33.80	---	46.00	12.20	H	28.4



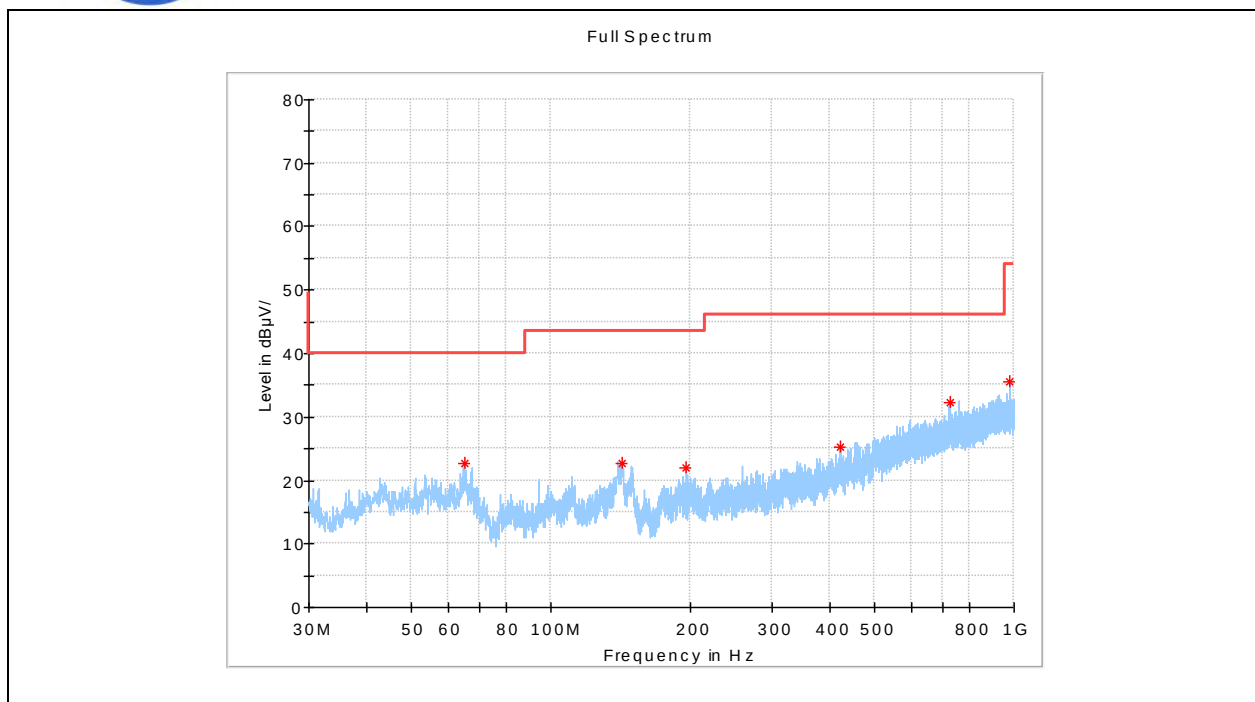
(802.11a _5220MHz, Antenna Horizontal, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1168.805920	29.39	---	74.00	44.61	H	-17.9
1168.805920	---	18.32	54.00	35.68	H	-17.9
1754.749947	31.88	---	68.20	36.32	H	-14.1
2295.634970	33.59	---	74.00	41.41	H	-12.3
2295.634970	---	22.81	54.00	31.19	H	-12.3
3136.324180	36.75	---	68.20	31.45	H	-7.8
4716.957675	---	28.18	54.00	25.82	H	-4.1
4716.957675	38.86	---	74.00	35.14	H	-4.1
6362.587413	40.40	---	68.20	27.80	H	-2.0



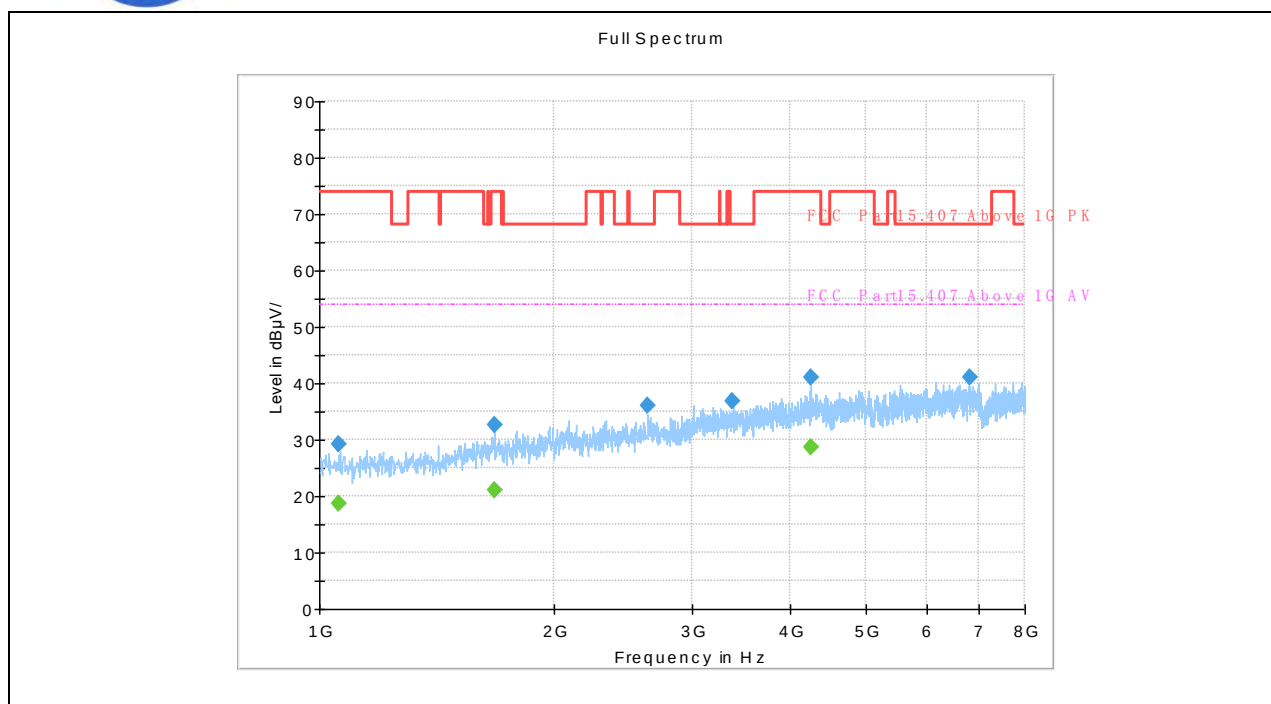
(802.11a _5220MHz, Antenna Horizontal, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8350.000000	---	30.89	54.00	23.11	H	1.3
8350.000000	43.40	---	74.00	30.60	H	1.3
10435.000000	44.23	---	68.20	23.97	H	2.8
12200.000000	---	31.44	54.00	22.56	H	4.2
12200.000000	43.80	---	74.00	30.20	H	4.2
14000.000000	46.16	---	68.20	22.04	H	8.4



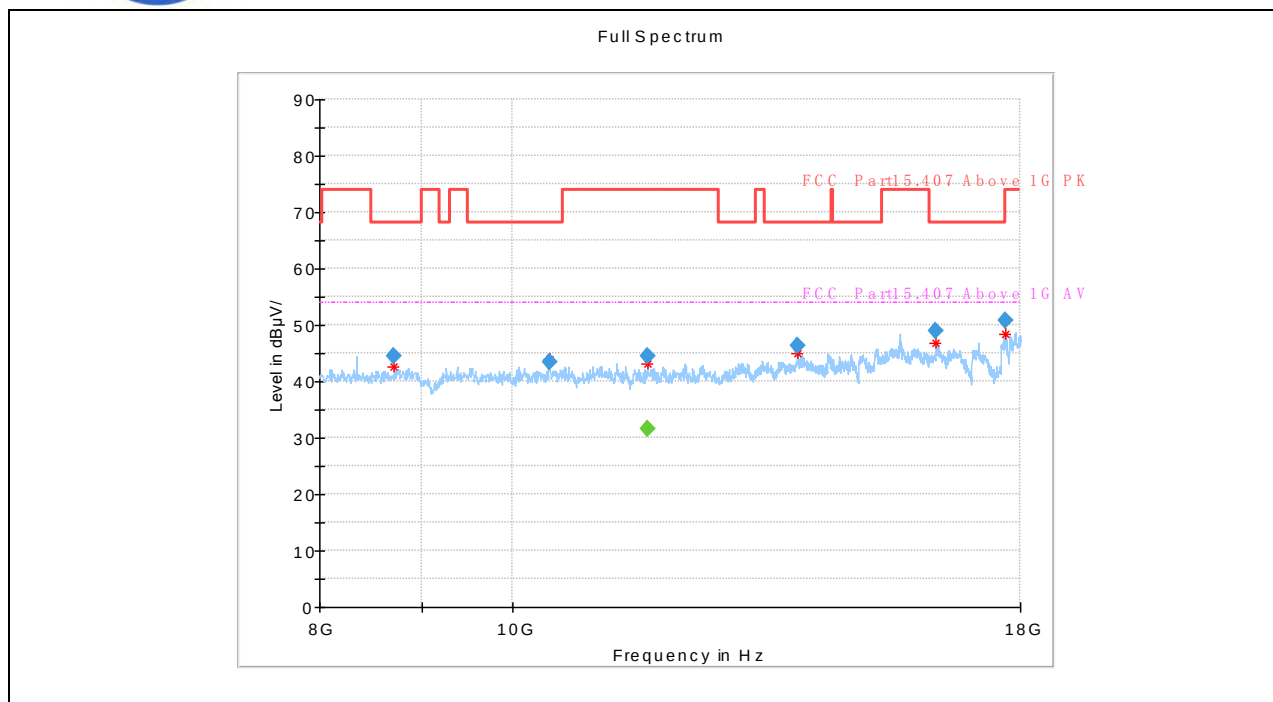
(802.11a _5220MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
65.324167	22.58	---	40.00	17.42	V	13.3
141.994583	22.76	---	43.50	20.74	V	11.5
196.314583	21.96	---	43.50	21.54	V	13.6
420.303750	25.18	---	46.00	20.82	V	20.3
729.733750	32.27	---	46.00	13.73	V	25.4
977.770833	35.63	---	54.00	18.37	V	28.7



(802.11a _5220MHz, Antenna Vertical , 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1060.031573	29.19	---	74.00	44.81	V	-17.9
1060.031573	---	18.59	54.00	35.41	V	-17.9
1674.411339	---	21.18	54.00	32.82	V	-14.4
1674.411339	32.68	---	74.00	41.32	V	-14.4
2633.822866	36.00	---	68.20	32.20	V	-9.8
3377.510891	36.97	---	68.20	31.23	V	-7.1
4256.973806	---	28.57	54.00	25.43	V	-4.4
4256.973806	41.02	---	74.00	32.98	V	-4.4
6810.198653	41.03	---	68.20	27.17	V	-1.5

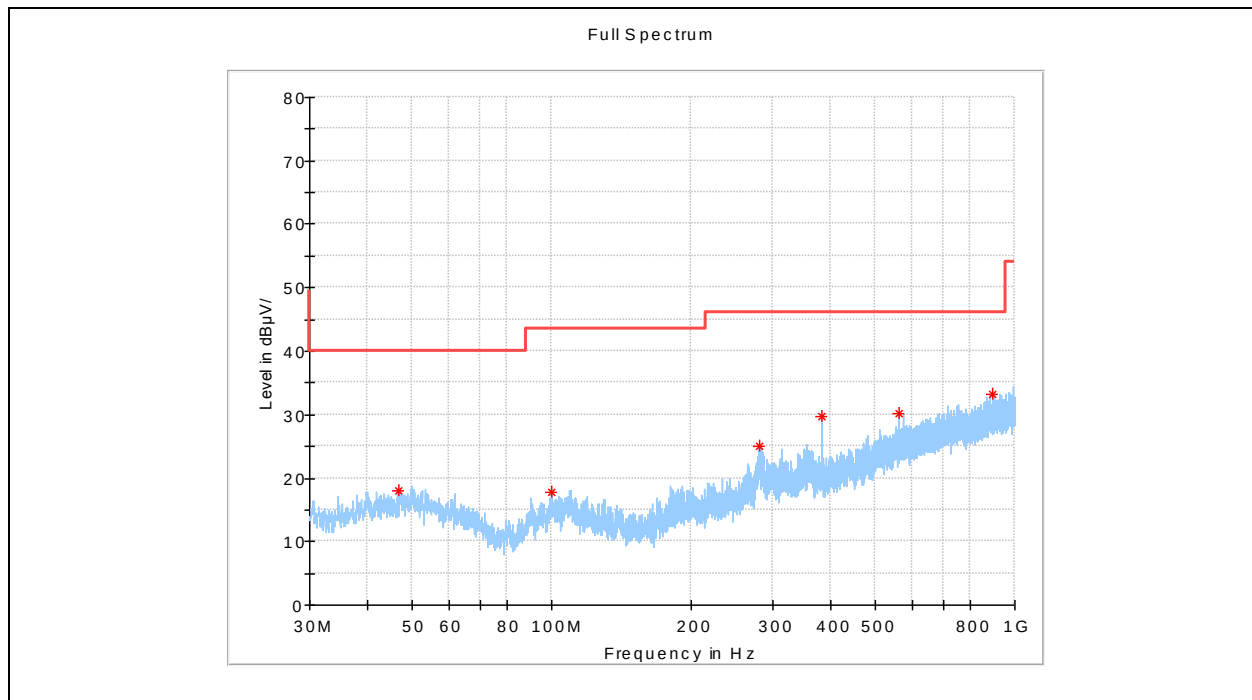


(802.11a _5220MHz, Antenna Vertical, 8GHz to 18GHz)

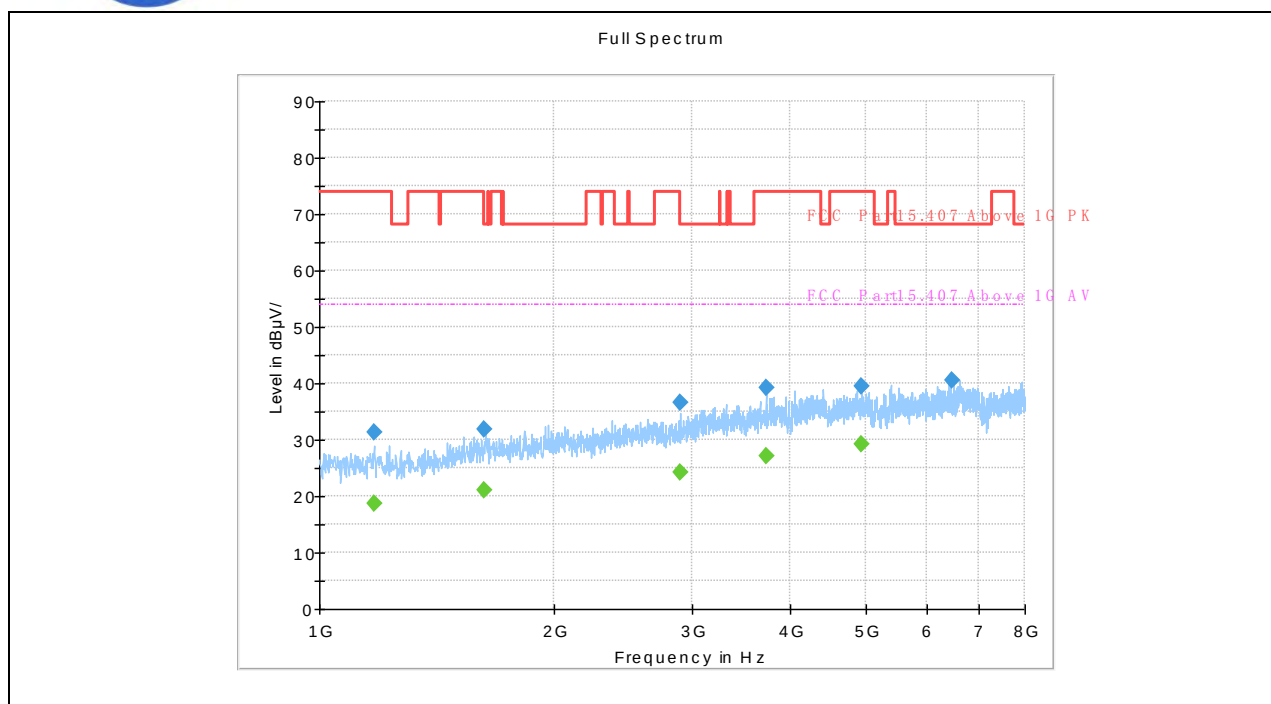
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8725.000000	44.49	---	68.20	23.71	V	1.7
10435.00000	43.54	---	68.20	24.66	V	2.8
11690.00000	44.48	---	74.00	29.52	V	3.9
11690.00000	---	31.65	54.00	22.35	V	3.9
13900.00000	46.39	---	68.20	21.81	V	7.8
16330.00000	48.83	---	68.20	19.37	V	11.3
17700.00000	50.76	---	68.20	17.44	V	14.4



Plot for Channel = 48

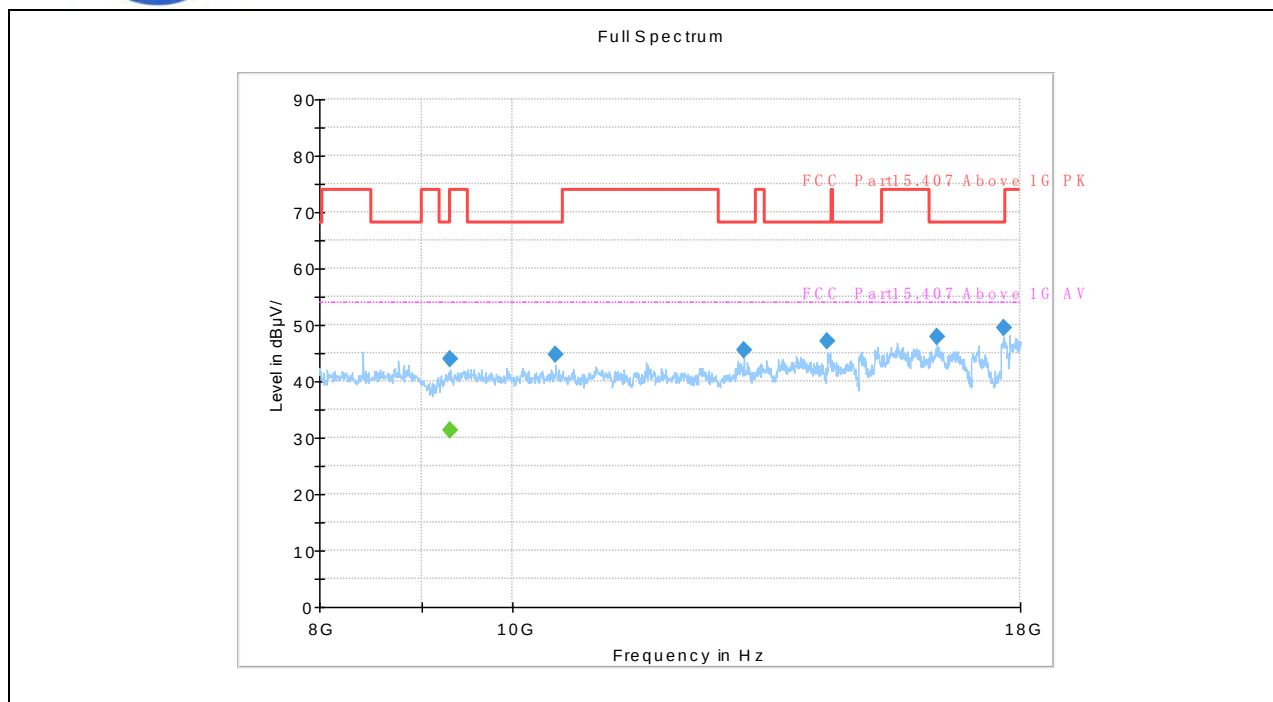


Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
46.853750	18.02	---	40.00	21.98	H	15.3
99.678333	17.73	---	43.50	25.77	H	15.1
280.745000	25.13	---	46.00	20.87	H	13.5
383.969167	29.74	---	46.00	16.26	H	16.7
562.489583	30.14	---	46.00	15.86	H	20.6
892.208750	33.27	---	46.00	12.73	H	25.8



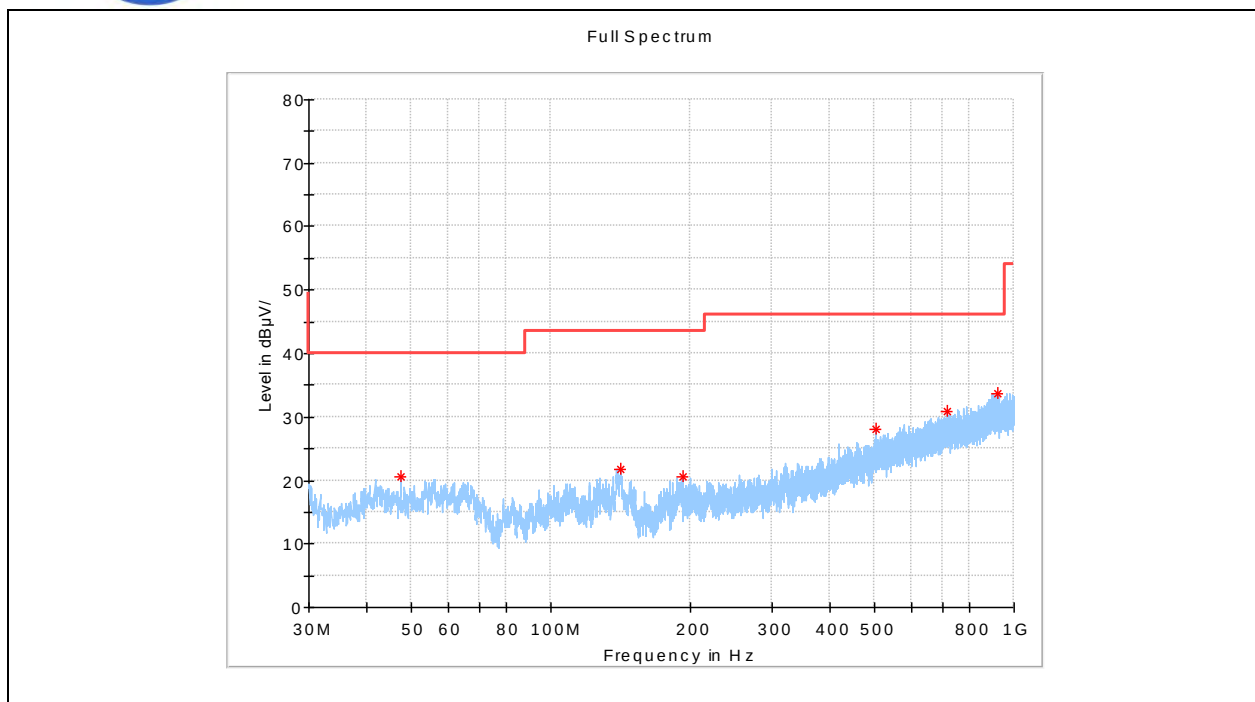
(802.11a _5240MHz, Antenna Horizontal, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1178.016813	31.22	---	74.00	42.78	H	-17.8
1178.016813	---	18.72	54.00	35.28	H	-17.8
1625.908309	31.89	---	74.00	42.11	H	-14.5
1625.908309	---	21.13	54.00	32.87	H	-14.5
2893.661208	36.69	---	74.00	37.31	H	-9.8
2893.661208	---	24.11	54.00	29.89	H	-9.8
3737.309526	---	27.14	54.00	26.86	H	-5.8
3737.309526	39.24	---	74.00	34.76	H	-5.8
4953.210393	---	29.13	54.00	24.87	H	-2.7
4953.210393	39.47	---	74.00	34.53	H	-2.7
6461.227489	40.62	---	68.20	27.58	H	-2.2



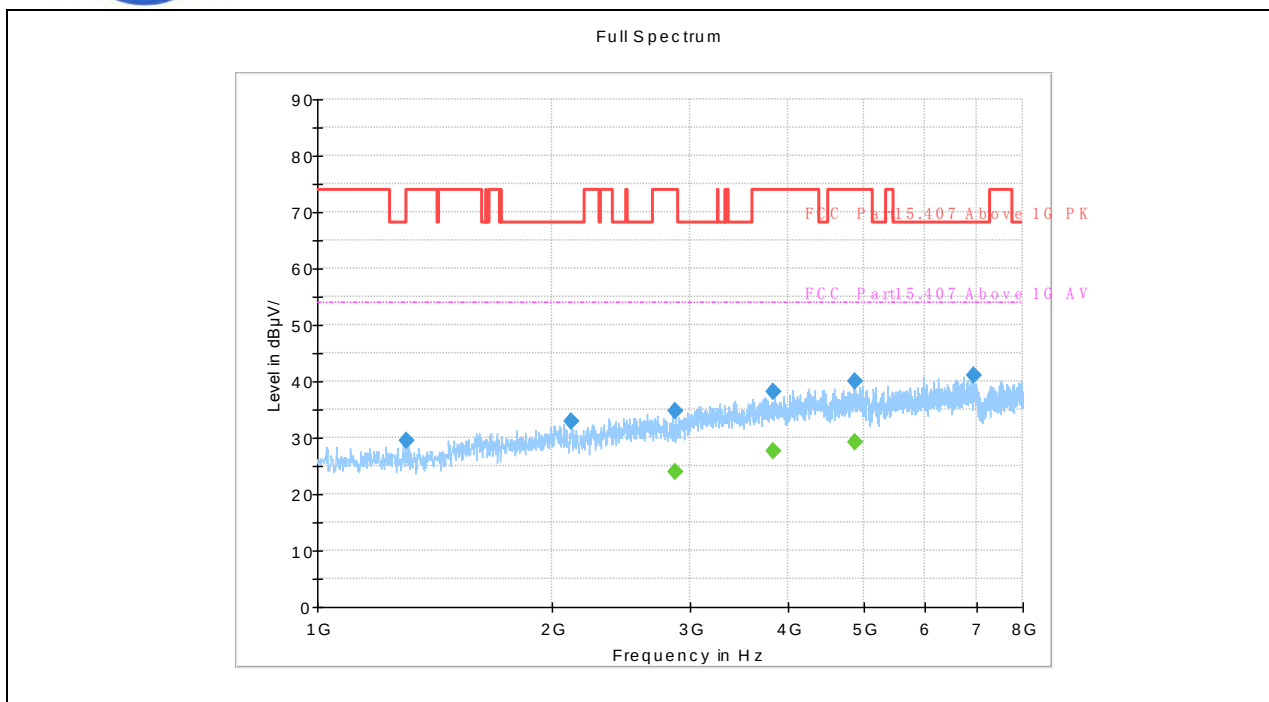
(802.11a _5240MHz, Antenna Horizontal, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
9310.000000	---	31.39	54.00	22.61	H	2.1
9310.000000	43.86	---	74.00	30.14	H	2.1
10515.00000	44.62	---	68.20	23.58	H	3.1
13075.00000	45.58	---	68.20	22.62	H	6.2
14405.00000	47.19	---	68.20	21.01	H	8.9
16345.00000	47.82	---	68.20	20.38	H	11.4
17675.00000	49.57	---	68.20	18.63	H	14.1



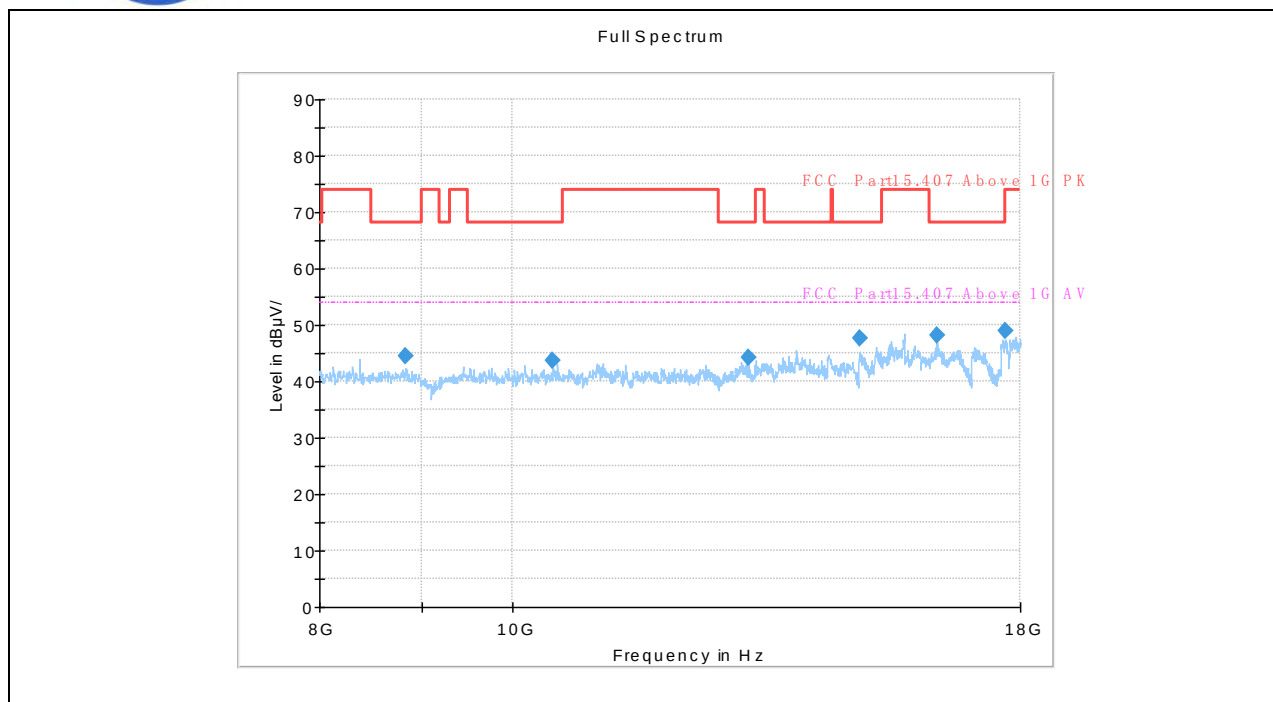
(802.11a _5240MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
47.419583	20.48	---	40.00	19.52	V	15.5
140.984167	21.75	---	43.50	21.75	V	11.8
192.232500	20.58	---	43.50	22.92	V	13.4
503.642917	28.14	---	46.00	17.86	V	22.0
719.427500	30.91	---	46.00	15.09	V	25.0
924.137917	33.70	---	46.00	12.30	V	28.0



(802.11a _5240MHz, Antenna Vertical, 1GHz to 8GHz)

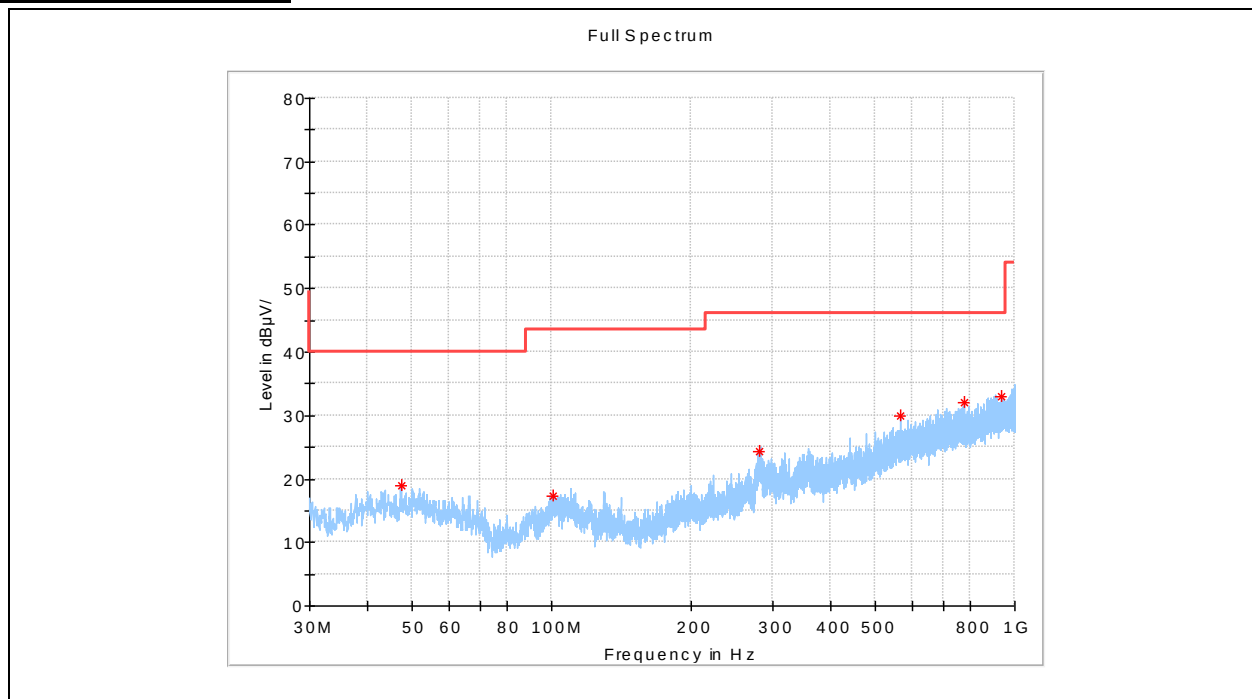
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1299.090848	29.47	---	38.73	38.73	V	-17.3
2112.381948	32.94	---	35.26	35.26	V	-12.3
2868.159103	---	23.91	30.09	30.09	V	-10.2
2868.159103	34.63	---	39.37	39.37	V	-10.2
3839.574836	---	27.64	26.36	26.36	V	-5.6
3839.574836	38.19	---	35.81	35.81	V	-5.6
4875.749219	---	29.12	24.88	24.88	V	-3.2
4875.749219	40.02	---	33.98	33.98	V	-3.2
6915.436290	41.14	---	27.06	27.06	V	-1.2



(802.11a _5240MHz, Antenna Vertical, 8GHz to 18GHz)

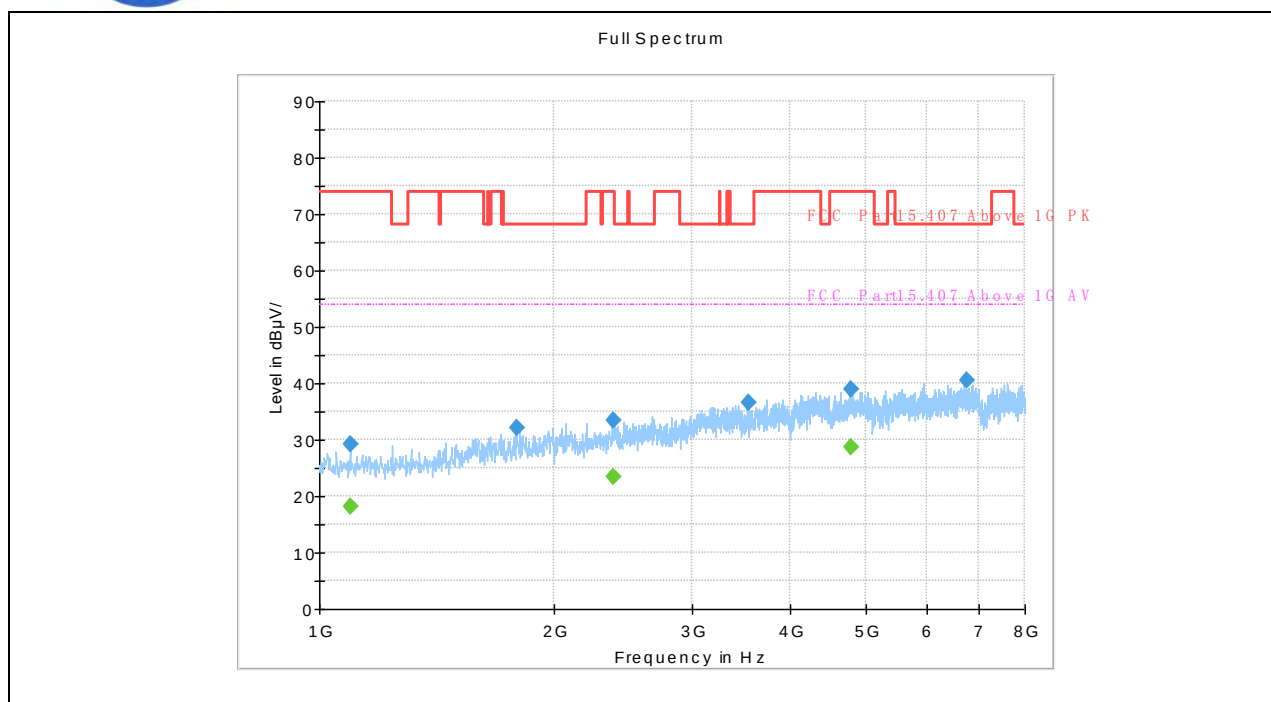
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8835.000000	44.47	---	68.20	23.73	V	2.1
10480.00000	43.65	---	68.20	24.55	V	3.1
13140.00000	44.21	---	68.20	23.99	V	5.6
14940.00000	47.72	---	68.20	20.48	V	9.6
16350.00000	48.26	---	68.20	19.94	V	11.4
17695.00000	48.86	---	68.20	19.34	V	14.3

Plots for Channel = 52



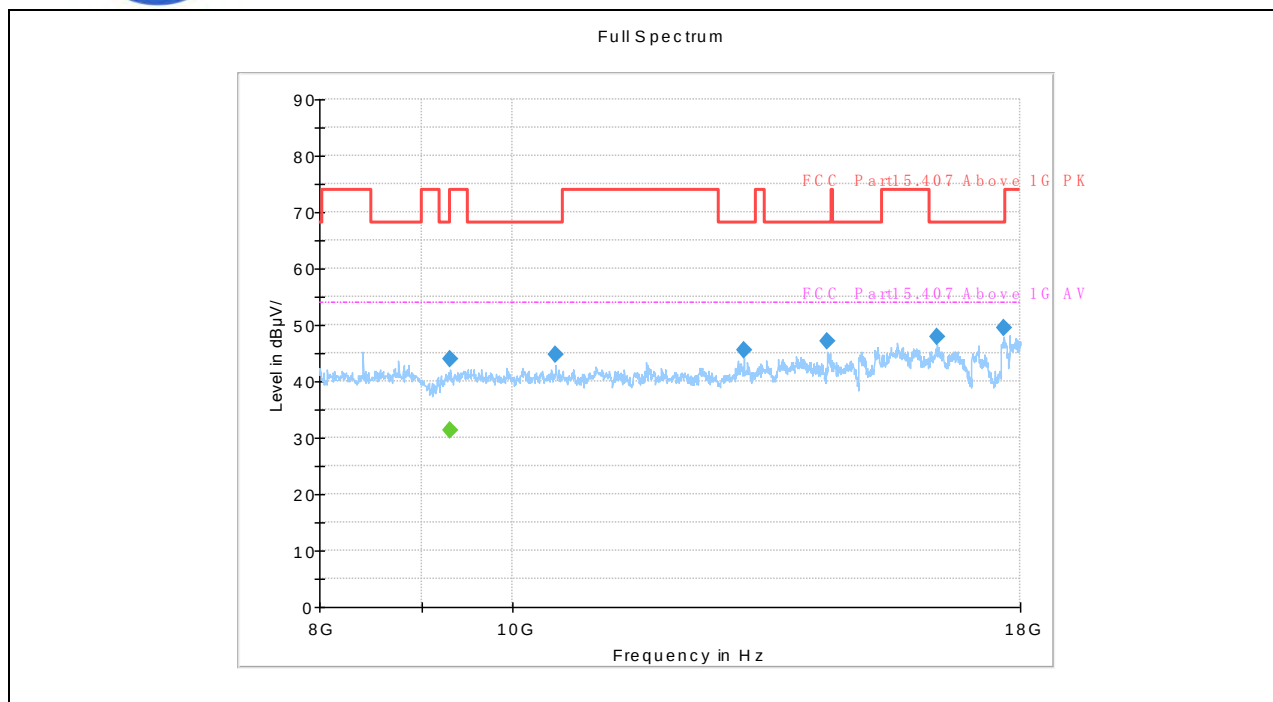
(802.11a _5260MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
47.257917	18.96	---	40.00	21.04	H	15.5
100.446250	17.41	---	43.50	26.09	H	15.1
280.583333	24.42	---	46.00	21.58	H	16.7
567.945833	29.97	---	46.00	16.03	H	22.9
776.334167	32.15	---	46.00	13.85	H	26.0
933.029583	32.96	---	46.00	13.04	H	28.1



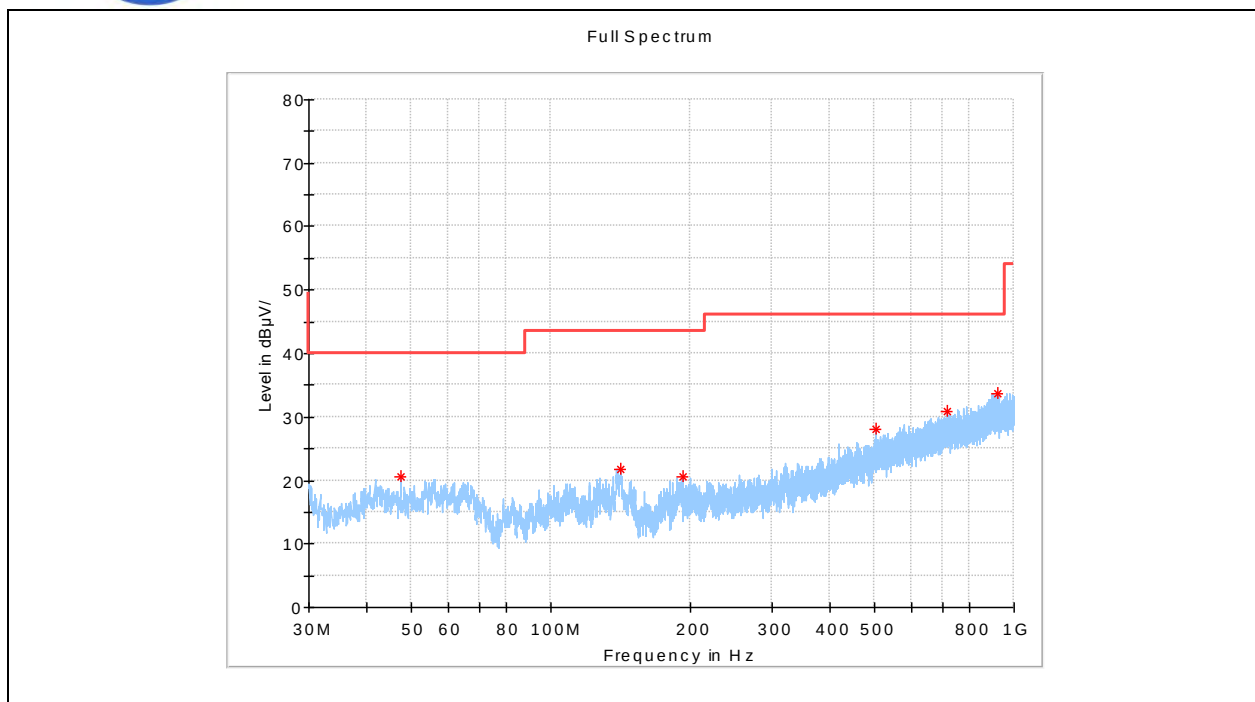
(802.11a _5260MHz, Antenna Horizontal, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1097.931258	29.13	---	74.00	44.87	H	-17.6
1097.931258	---	18.20	54.00	35.80	H	-17.6
1788.049680	31.99	---	68.20	36.21	H	-13.8
2374.553165	---	23.30	54.00	30.70	H	-10.9
2374.553165	33.52	---	74.00	40.48	H	-10.9
3538.639100	36.46	---	68.20	31.74	H	-7.1
4799.194758	---	28.69	54.00	25.31	H	-3.5
4799.194758	38.91	---	74.00	35.09	H	-3.5
6752.811875	40.43	---	68.20	27.77	H	-1.4

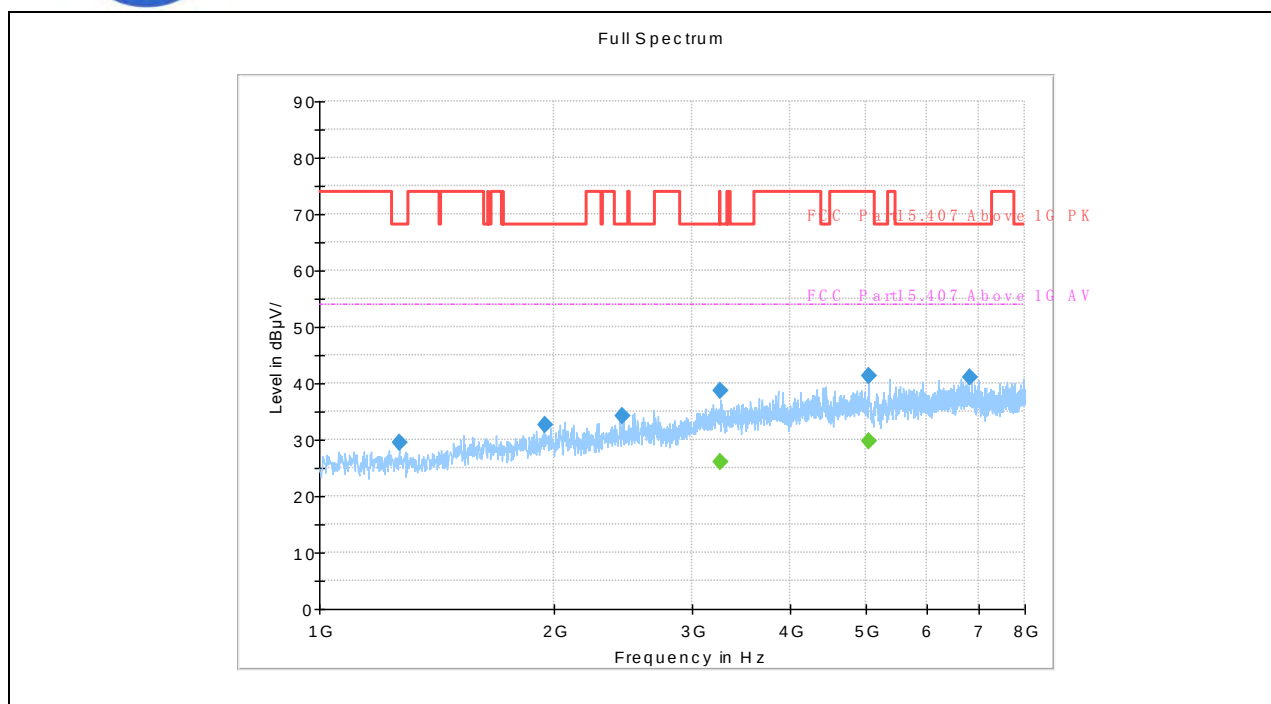


(802.11a _5260MHz, Antenna Horizontal, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
9310.000000	---	31.39	54.00	22.61	H	2.1
9310.000000	43.86	---	74.00	30.14	H	2.1
10515.00000	44.62	---	68.20	23.58	H	3.1
13075.00000	45.58	---	68.20	22.62	H	6.2
14405.00000	47.19	---	68.20	21.01	H	8.9
16345.00000	47.82	---	68.20	20.38	H	11.4
17675.00000	49.57	---	68.20	18.63	H	14.1

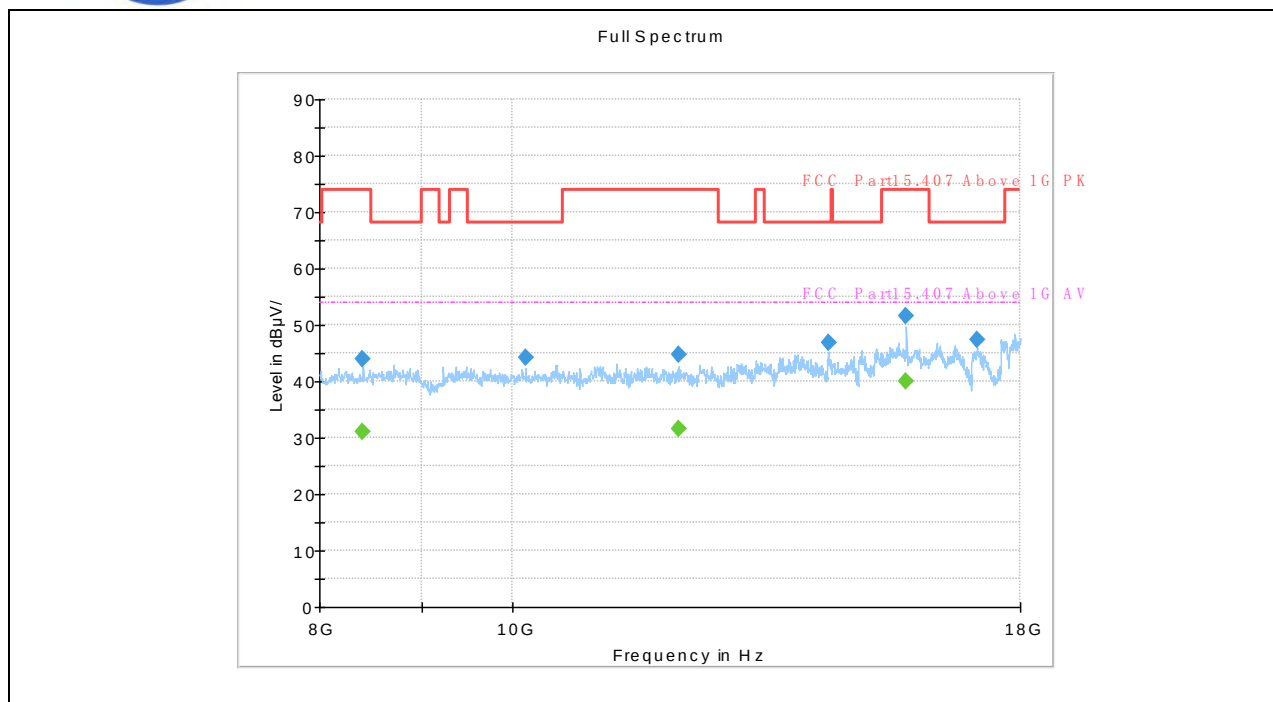


Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
47.419583	20.48	---	40.00	19.52	V	15.5
140.984167	21.75	---	43.50	21.75	V	11.8
192.232500	20.58	---	43.50	22.92	V	13.4
503.642917	28.14	---	46.00	17.86	V	22.0
719.427500	30.91	---	46.00	15.09	V	25.0
924.137917	33.70	---	46.00	12.30	V	28.0



(802.11a _5260MHz, Antenna Vertical , 1GHz to 8GHz)

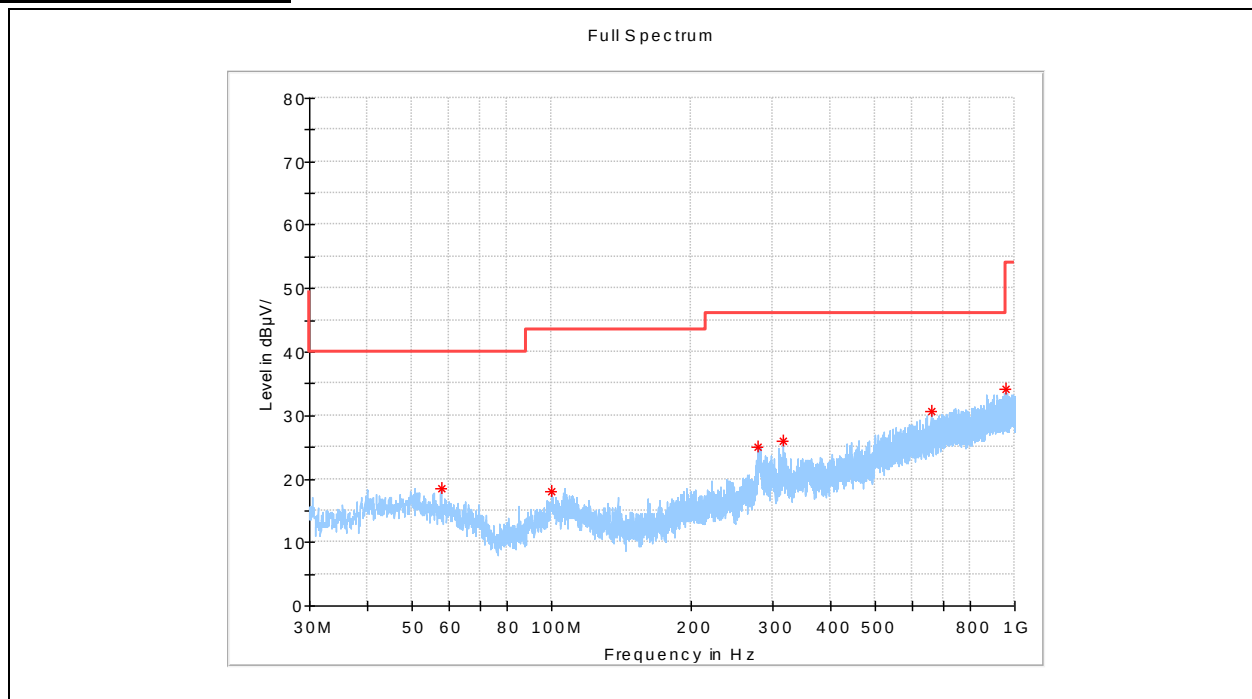
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1267.366253	29.50	---	68.20	38.70	V	-17.4
1941.898864	32.64	---	68.20	35.56	V	-13.2
2447.720385	34.28	---	68.20	33.92	V	-11.3
3264.093360	---	26.17	54.00	27.83	V	-7.4
3264.093360	38.68	---	74.00	35.32	V	-7.4
5044.097035	41.31	---	74.00	32.69	V	-2.8
5044.097035	---	29.71	54.00	24.29	V	-2.8
6817.081838	41.05	---	68.20	27.15	V	-1.5



(802.11a _5260MHz, Antenna Vertical, 8GHz to 18GHz)

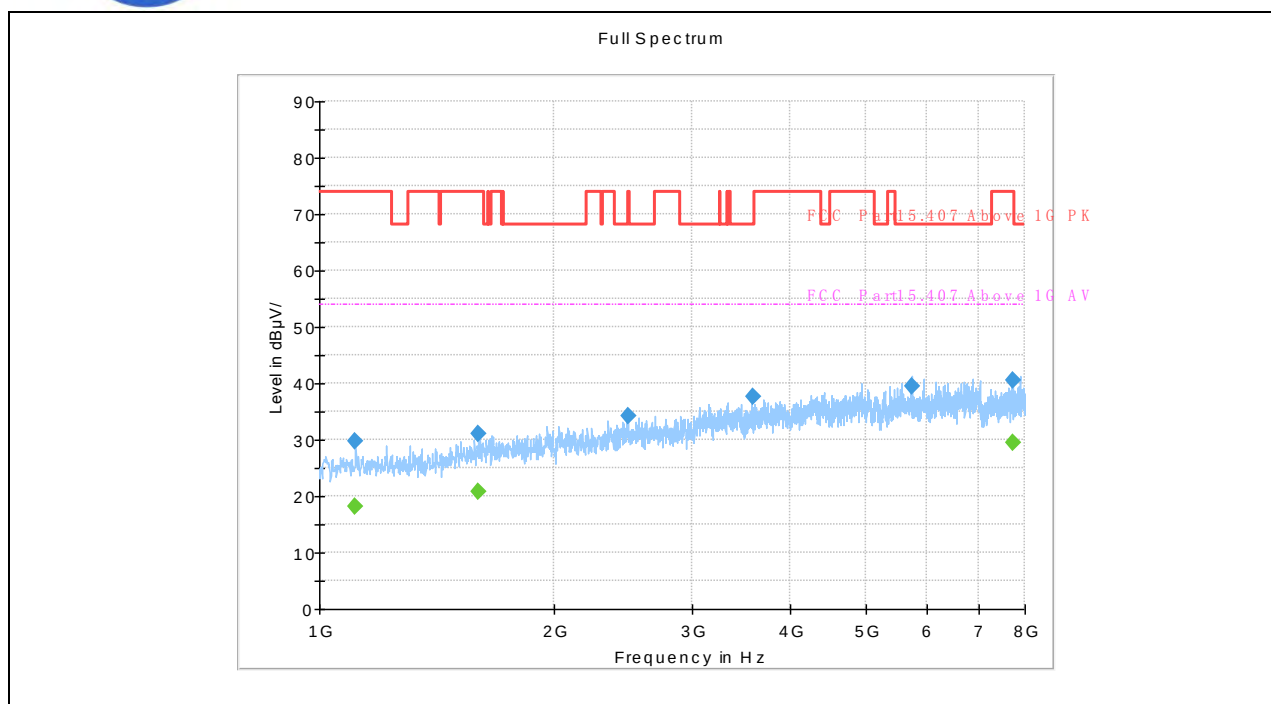
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8415.000000	---	31.05	54.00	22.95	V	1.2
8415.000000	43.92	---	74.00	30.08	V	1.2
10155.000000	44.12	---	68.20	24.08	V	2.6
12120.000000	44.77	---	74.00	29.23	V	4.0
12120.000000	---	31.70	54.00	22.30	V	4.0
14410.000000	46.93	---	68.20	21.27	V	8.8
15780.000000	51.62	---	74.00	22.38	V	10.3
15780.000000	---	39.92	54.00	14.08	V	10.3
17130.000000	47.42	---	68.20	20.78	V	12.1

Plots for Channel = 60

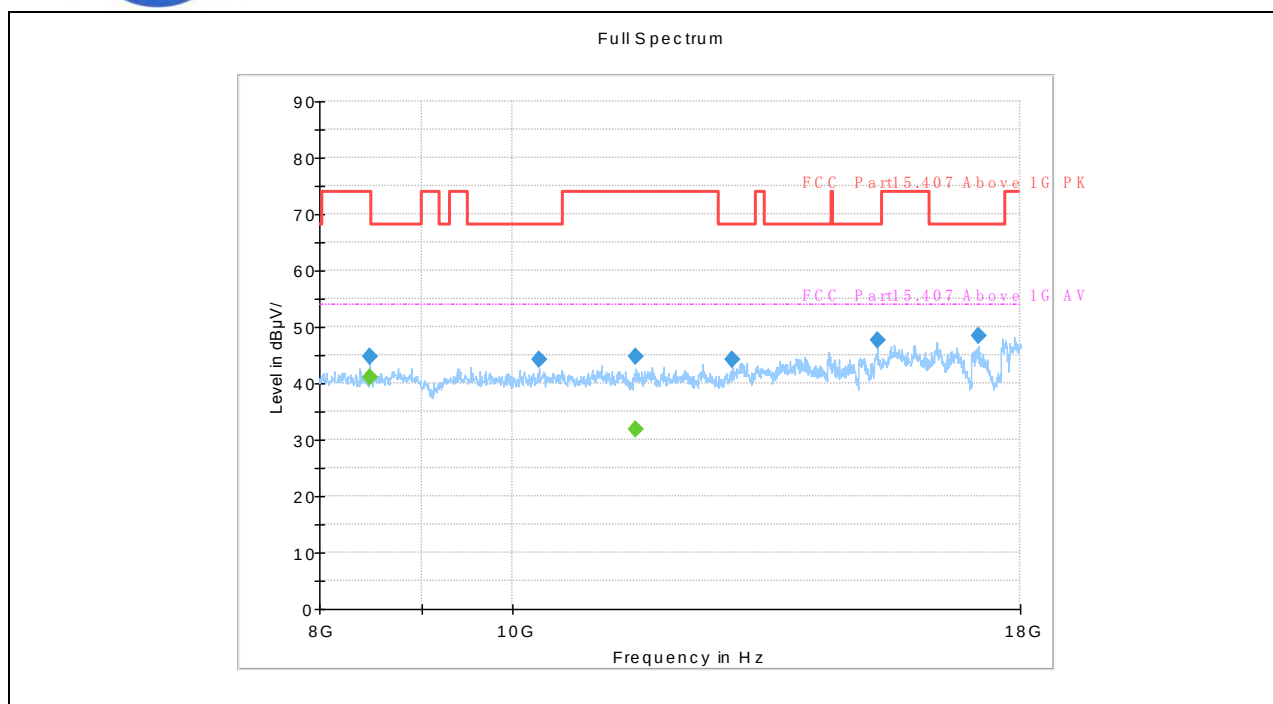


(802.11a _5300MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
57.685417	18.40	---	40.00	21.60	H	14.4
99.678333	18.03	---	43.50	25.47	H	14.9
278.885833	24.96	---	46.00	21.04	H	16.4
316.028750	26.03	---	46.00	19.97	H	17.3
659.004583	30.66	---	46.00	15.34	H	24.3
957.602917	34.07	---	46.00	11.93	H	28.3

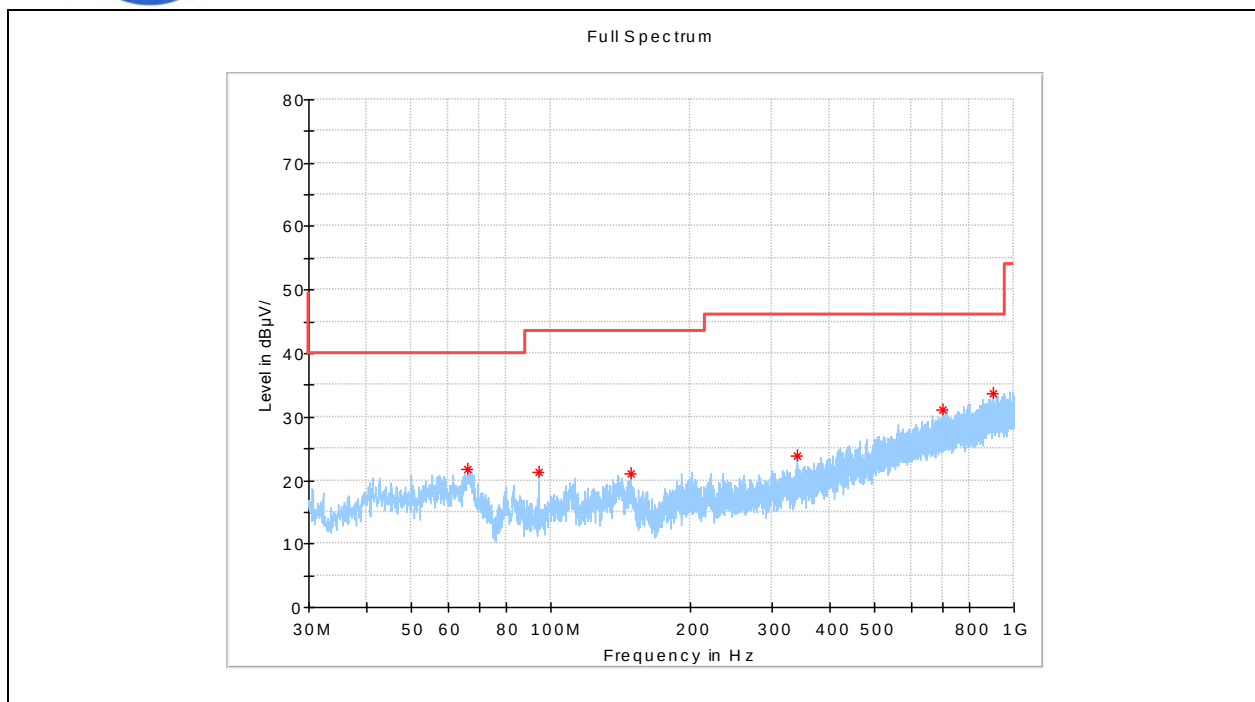


Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1109.667580	29.79	---	74.00	44.21	H	-17.5
1109.667580	---	18.04	54.00	35.96	H	-17.5
1600.586043	---	20.81	54.00	33.19	H	-14.5
1600.586043	31.15	---	74.00	42.85	H	-14.5
2481.169735	34.20	---	68.20	34.00	H	-10.6
3595.029752	37.51	---	68.20	30.69	H	-6.5
5728.259887	39.56	---	68.20	26.64	H	-2.8
7715.641395	---	29.40	54.00	24.60	H	-0.2
7715.641395	40.49	---	74.00	33.51	H	-0.2



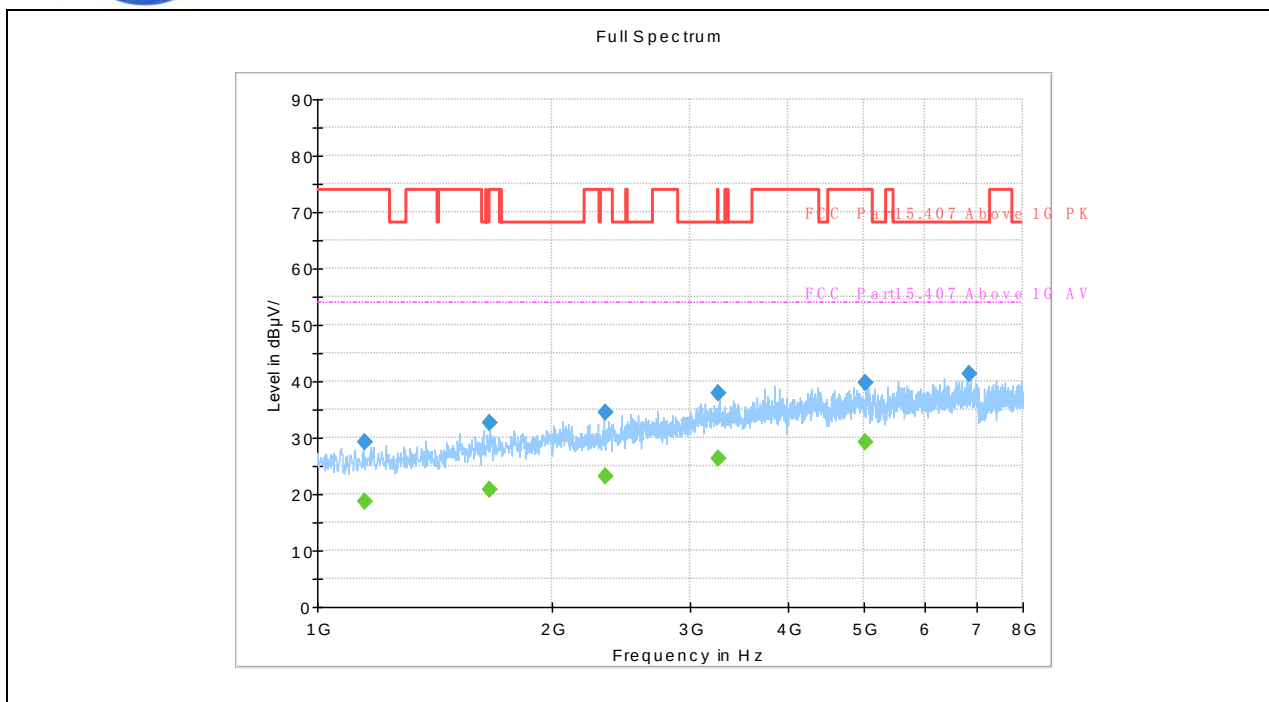
(802.11a _5300MHz, Antenna Horizontal, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8480.000000	---	41.00	54.00	13.00	H	1.0
8480.000000	44.72	---	74.00	29.28	H	1.0
10320.00000	44.10	---	68.20	24.10	H	2.6
11540.00000	---	31.72	54.00	22.28	H	3.8
11540.00000	44.69	---	74.00	29.31	H	3.8
12905.00000	44.34	---	68.20	23.86	H	5.4
15260.00000	47.55	---	68.20	20.65	H	10.0
17150.00000	48.31	---	68.20	19.89	H	12.4



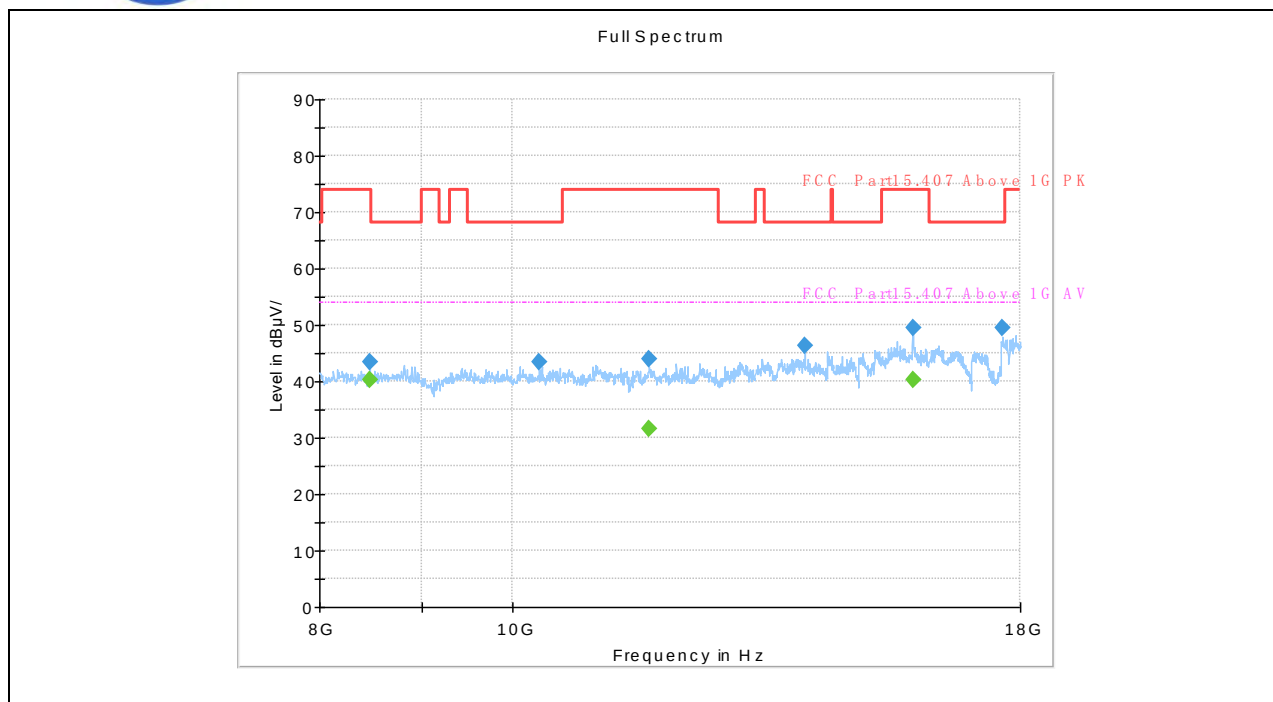
(802.11a _5300MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
65.970833	21.65	---	40.00	18.35	V	13.1
93.939167	21.22	---	43.50	22.28	V	12.9
148.825000	21.08	---	43.50	22.42	V	11.3
341.167917	23.93	---	46.00	22.07	V	18.2
702.007917	31.20	---	46.00	14.80	V	24.9
903.970000	33.63	---	46.00	12.37	V	28.1



(802.11a _5300MHz, Antenna Vertical, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1148.571423	29.15	---	74.00	44.85	V	-17.7
1148.571423	---	18.76	54.00	35.24	V	-17.7
1660.845468	32.63	---	74.00	41.37	V	-14.6
1660.845468	---	20.90	54.00	33.10	V	-14.6
2339.850257	34.54	---	74.00	39.46	V	-11.5
2339.850257	---	23.14	54.00	30.86	V	-11.5
3261.938864	37.81	---	74.00	36.19	V	-7.4
3261.938864	---	26.27	54.00	27.73	V	-7.4
5036.626776	---	29.24	54.00	24.76	V	-3.0
5036.626776	39.73	---	74.00	34.27	V	-3.0
6830.030768	41.34	---	68.20	26.86	V	-1.5

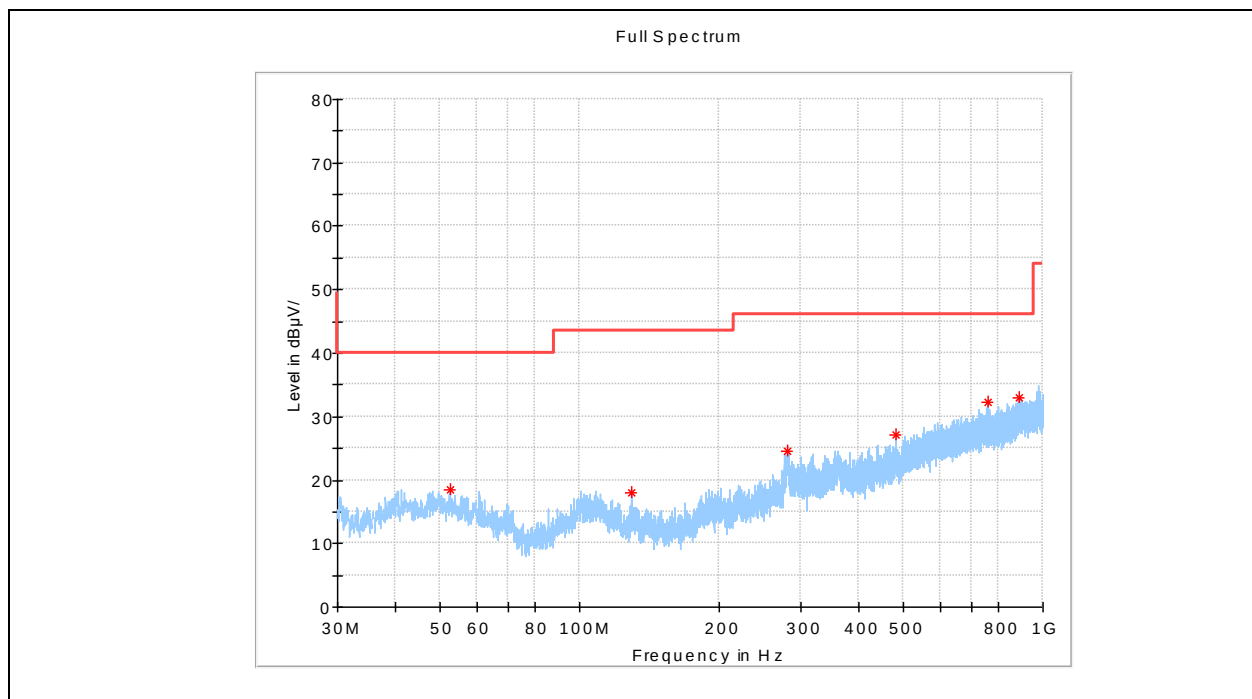


(802.11a _5810MHz, Antenna Vertical, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8480.000000	43.34	---	74.00	30.66	V	1.0
8480.000000	---	40.21	54.00	13.79	V	1.0
10315.00000	43.46	---	68.20	24.74	V	2.5
11710.00000	---	31.69	54.00	22.31	V	4.0
11710.00000	44.03	---	74.00	29.97	V	4.0
14030.00000	46.27	---	68.20	21.93	V	8.4
15895.00000	49.48	---	74.00	24.52	V	11.2
15895.00000	---	40.34	54.00	13.66	V	11.2
17630.00000	49.58	---	68.20	18.62	V	13.6

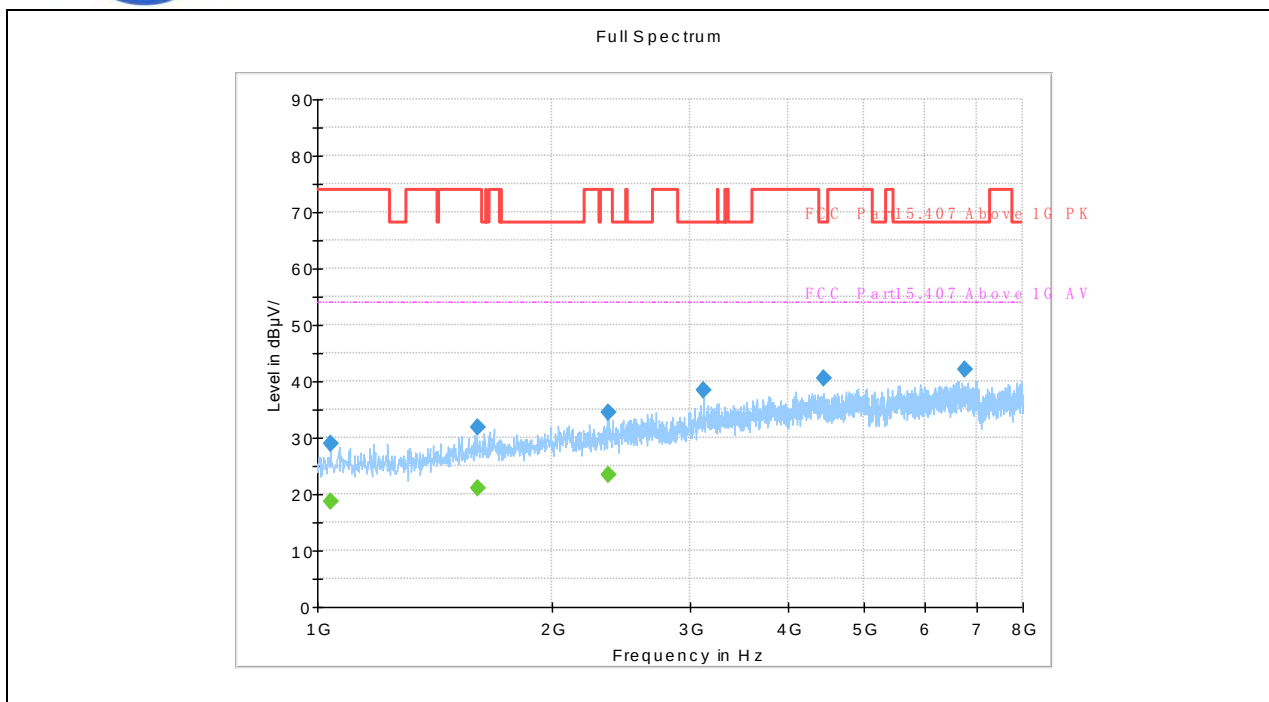


Plot for Channel = 64



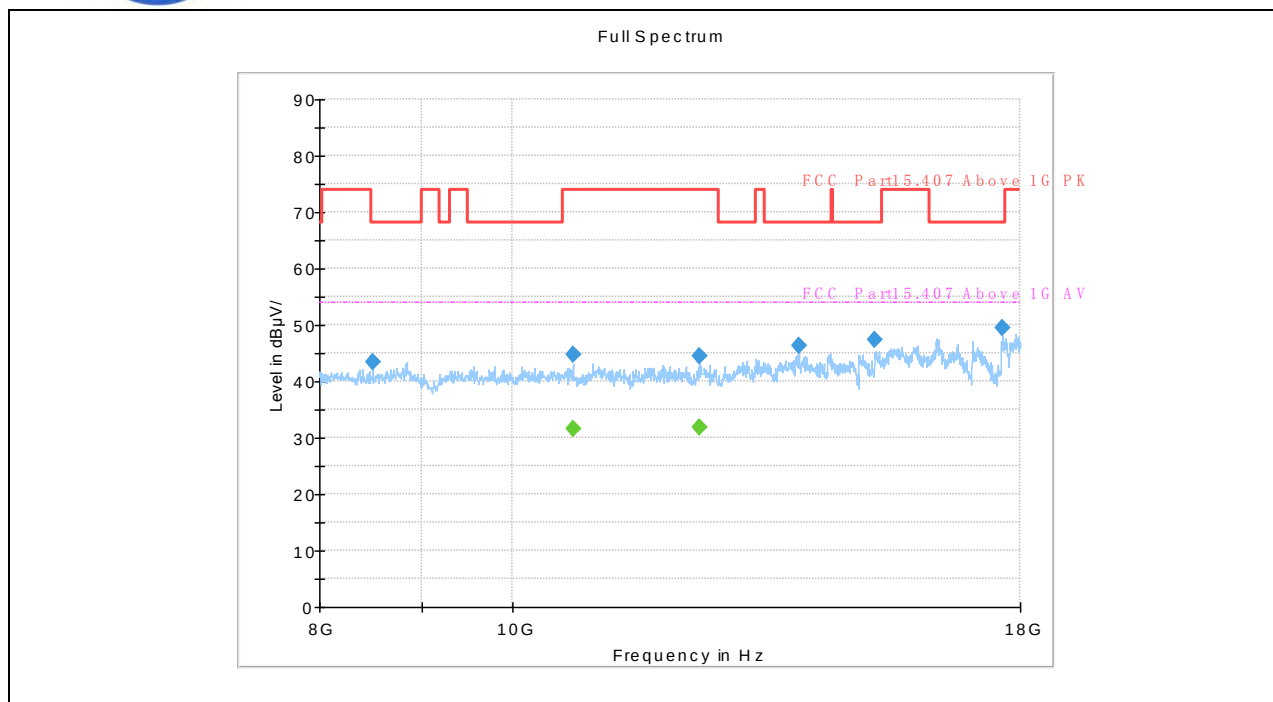
(802.11a _5320MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
52.390833	18.46	---	40.00	21.54	H	15.4
129.748333	18.11	---	43.50	25.39	H	12.3
281.634167	24.60	---	46.00	21.40	H	16.5
482.464583	27.21	---	46.00	18.79	H	21.2
763.360417	32.24	---	46.00	13.76	H	26.2
889.217917	33.03	---	46.00	12.97	H	27.8



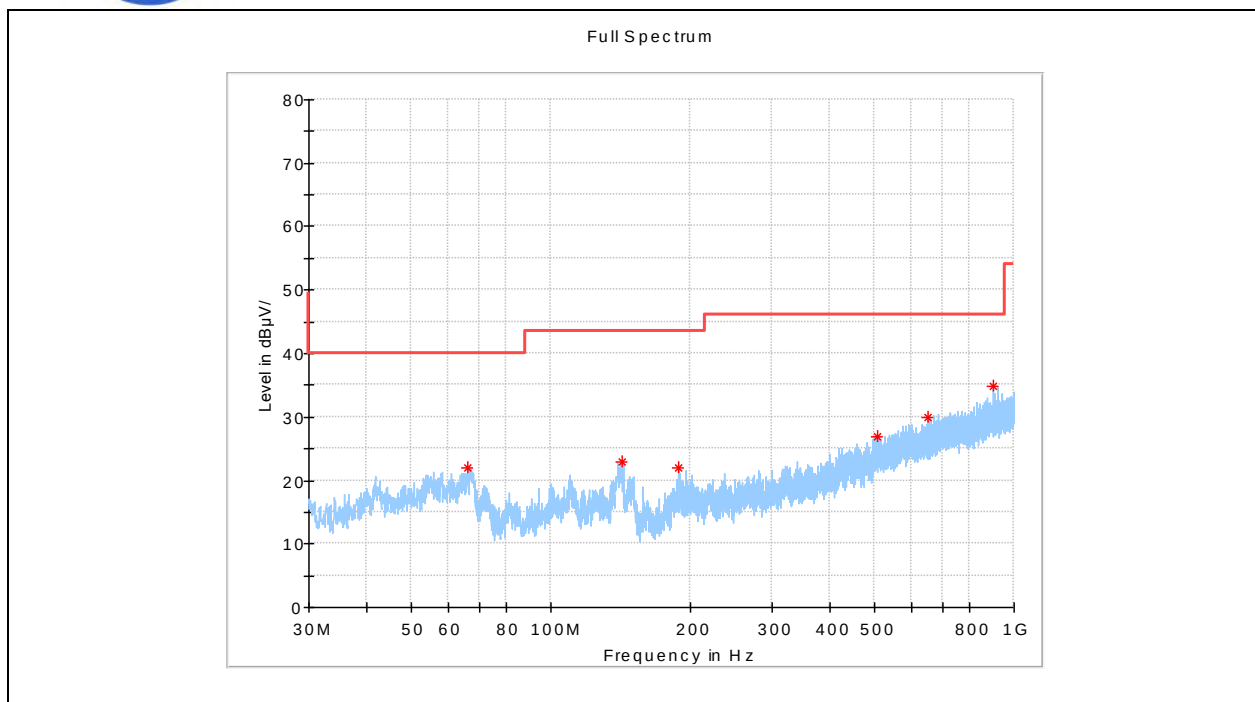
(802.11a _5230MHz, Antenna Horizontal, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1042.291393	---	18.61	54.00	35.39	H	-18.1
1042.291393	28.96	---	74.00	45.04	H	-18.1
1605.410198	---	21.01	54.00	32.99	H	-14.6
1605.410198	31.87	---	74.00	42.13	H	-14.6
2357.920278	---	23.30	54.00	30.70	H	-11.0
2357.920278	34.60	---	74.00	39.40	H	-11.0
3115.542765	38.48	---	68.20	29.72	H	-7.8
4444.140277	40.55	---	68.20	27.65	H	-4.3
6743.778984	42.23	---	68.20	25.97	H	-1.4



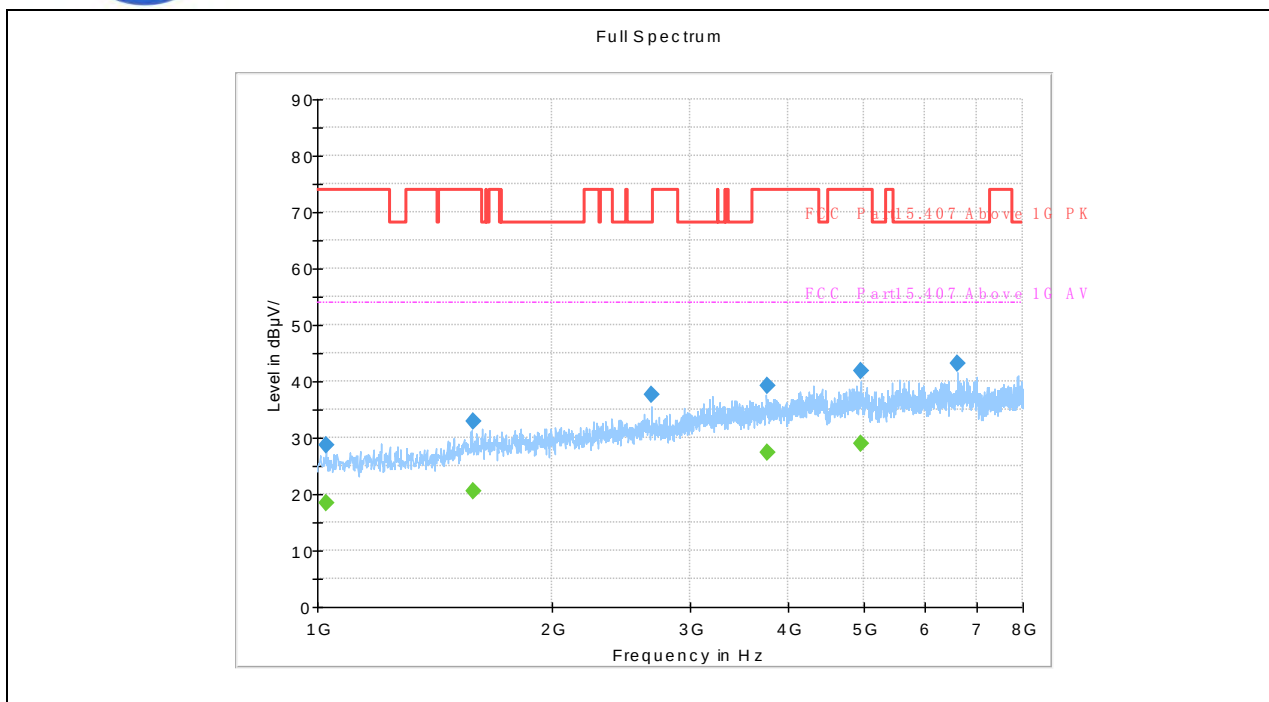
(802.11a _5320MHz, Antenna Horizontal, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8510.000000	43.49	---	68.20	24.71	H	1.2
10725.00000	---	31.61	54.00	22.39	H	2.8
10725.00000	44.64	---	74.00	29.36	H	2.8
12425.00000	44.48	---	74.00	29.52	H	4.6
12425.00000	---	31.86	54.00	22.14	H	4.6
13930.00000	46.23	---	68.20	21.97	H	7.9
15210.00000	47.38	---	68.20	20.82	H	10.0
17645.00000	49.59	---	68.20	18.61	H	13.8



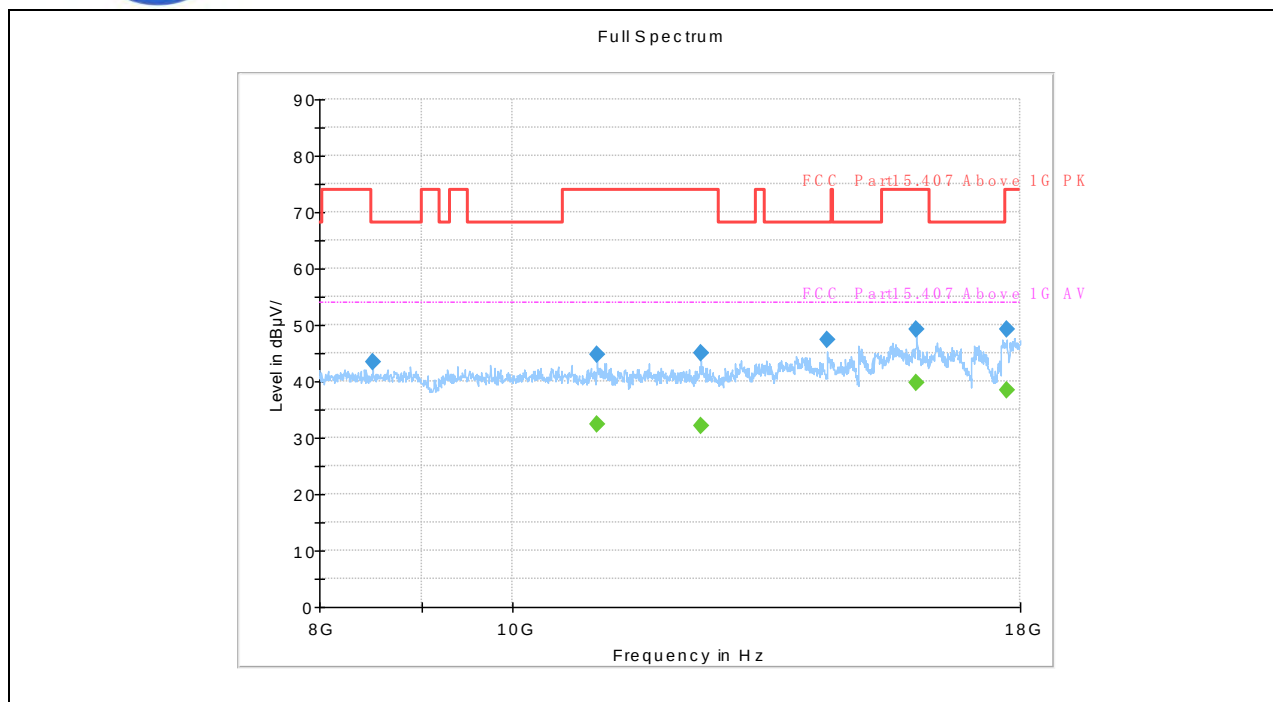
(802.11a _5320MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
66.051667	21.89	---	40.00	18.11	V	13.1
142.479583	22.97	---	43.50	20.53	V	11.3
189.160833	21.97	---	43.50	21.53	V	13.3
505.259583	26.88	---	46.00	19.12	V	22.0
649.345000	29.86	---	46.00	16.14	V	24.2
899.443333	34.80	---	46.00	11.20	V	28.0



(802.11a _5320MHz, Antenna Vertical , 1GHz to 8GHz)

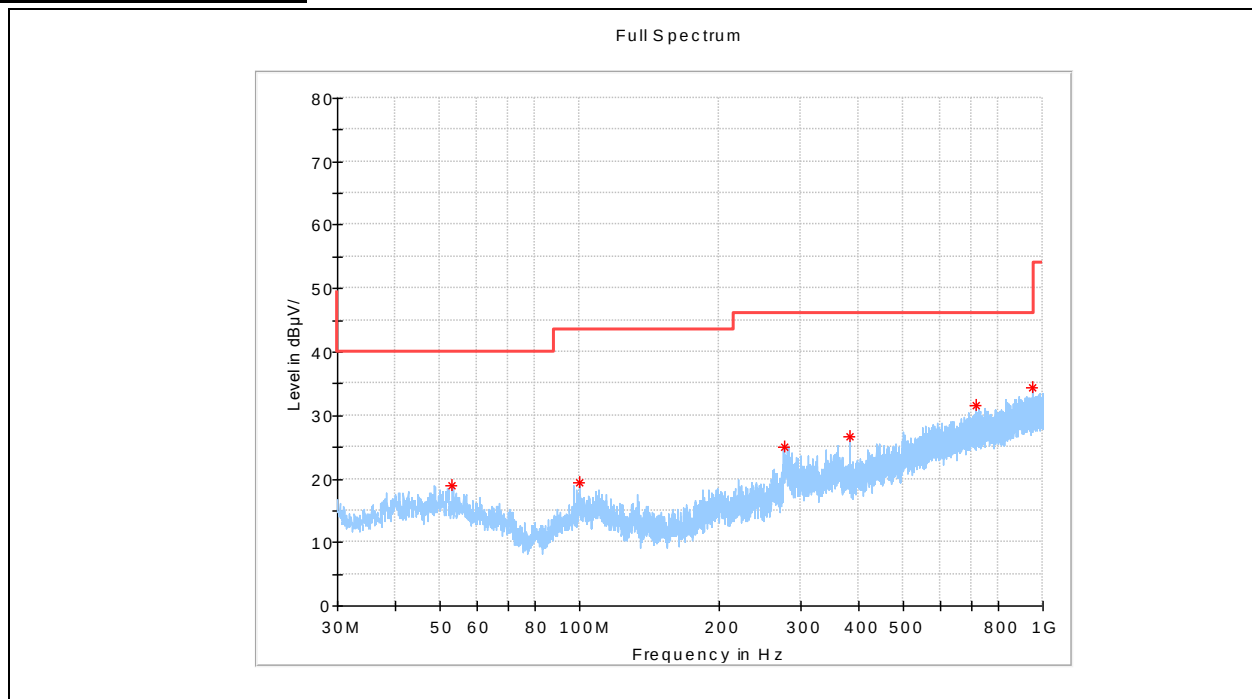
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1024.686971	---	18.54	54.00	35.46	V	-17.8
1024.686971	28.82	---	74.00	45.18	V	-17.8
1580.994163	---	20.58	54.00	33.42	V	-14.9
1580.994163	32.98	---	74.00	41.02	V	-14.9
2677.875052	37.70	---	68.20	30.50	V	-9.4
3769.123680	---	27.29	54.00	26.71	V	-5.7
3769.123680	39.18	---	74.00	32.82	V	-5.7
4958.450415	41.78	---	74.00	32.22	V	-2.8
4958.450415	---	28.94	54.00	25.06	V	-2.8
6591.142717	43.18	---	68.20	25.02	V	-0.9



(802.11a _5320MHz, Antenna Vertical, 8GHz to 18GHz)

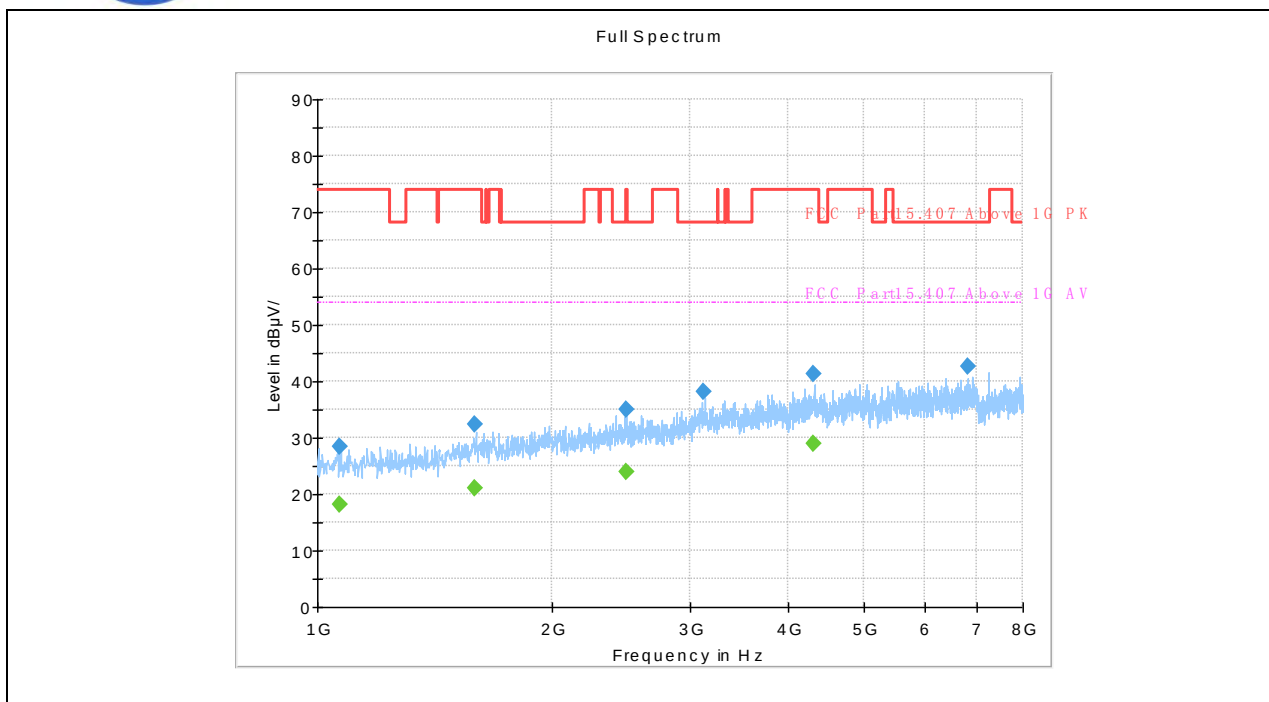
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8510.000000	43.31	---	68.20	24.89	V	1.2
11035.00000	44.85	---	74.00	29.15	V	3.5
11035.00000	---	32.37	54.00	21.63	V	3.5
12440.00000	---	32.15	54.00	21.85	V	4.7
12440.00000	45.09	---	74.00	28.91	V	4.7
14400.00000	47.28	---	68.20	20.92	V	9.0
15955.00000	---	39.79	54.00	14.21	V	11.6
15955.00000	49.12	---	74.00	24.88	V	11.6
17715.00000	---	38.47	54.00	15.53	V	14.5
17715.00000	49.11	---	74.00	24.89	V	14.5

Plots for Channel = 149



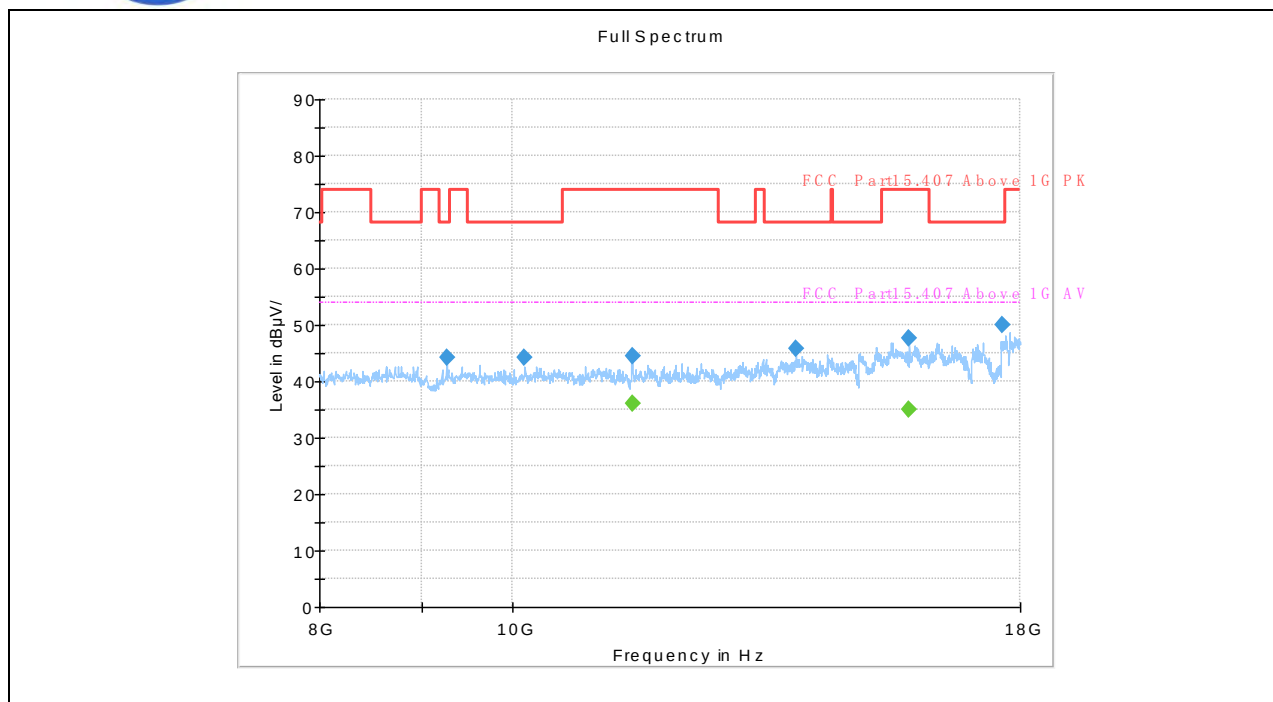
(802.11a _5745MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
53.158750	18.94	---	40.00	21.06	H	15.4
99.799583	19.30	---	43.50	24.20	H	15.0
275.773750	25.12	---	46.00	20.88	H	15.7
384.009583	26.76	---	46.00	19.24	H	18.7
719.791250	31.60	---	46.00	14.40	H	25.0
948.185833	34.32	---	46.00	11.68	H	28.3



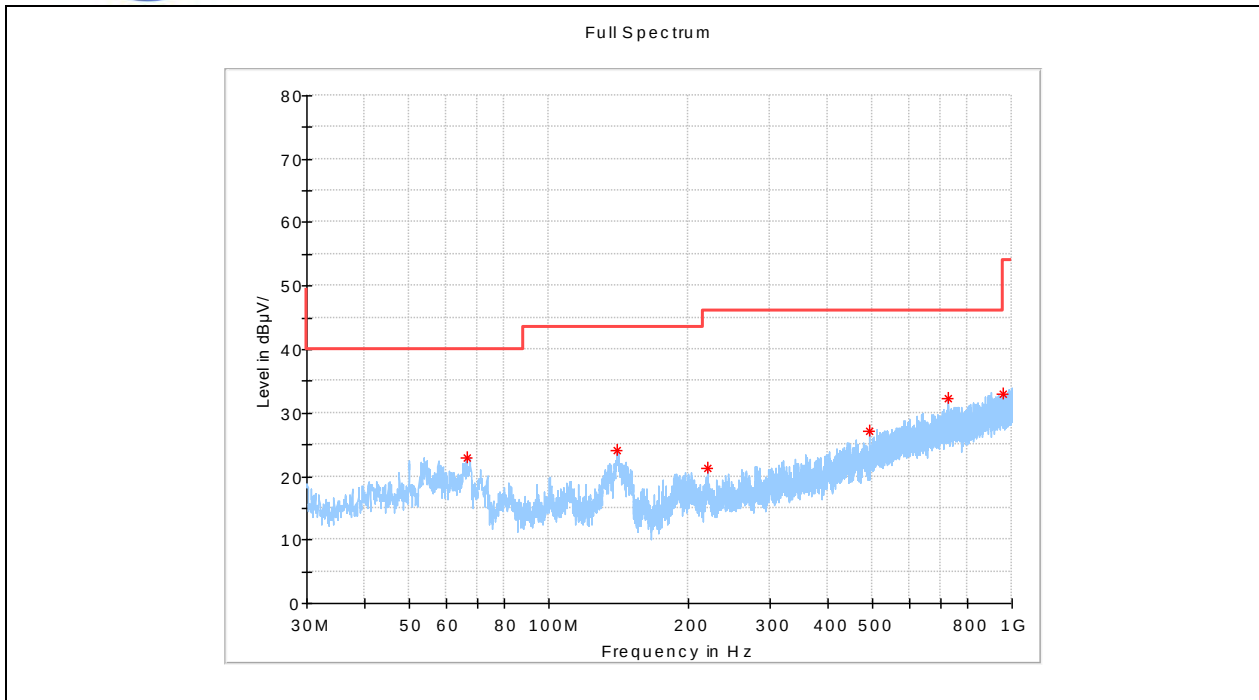
(802.11a _5745MHz, Antenna Horizontal, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1066.910823	---	18.14	54.00	35.86	H	-18.0
1066.910823	28.36	---	74.00	45.64	H	-18.0
1588.915075	---	21.00	54.00	33.00	H	-14.6
1588.915075	32.46	---	74.00	41.54	H	-14.6
2484.041349	---	23.91	54.00	30.09	H	-10.6
2484.041349	35.09	---	74.00	38.91	H	-10.6
3118.531793	38.17	---	68.20	30.03	H	-7.8
4319.788375	---	28.91	54.00	25.09	H	-3.5
4319.788375	41.44	---	74.00	32.56	H	-3.5
6807.994940	42.69	---	68.20	25.51	H	-1.5



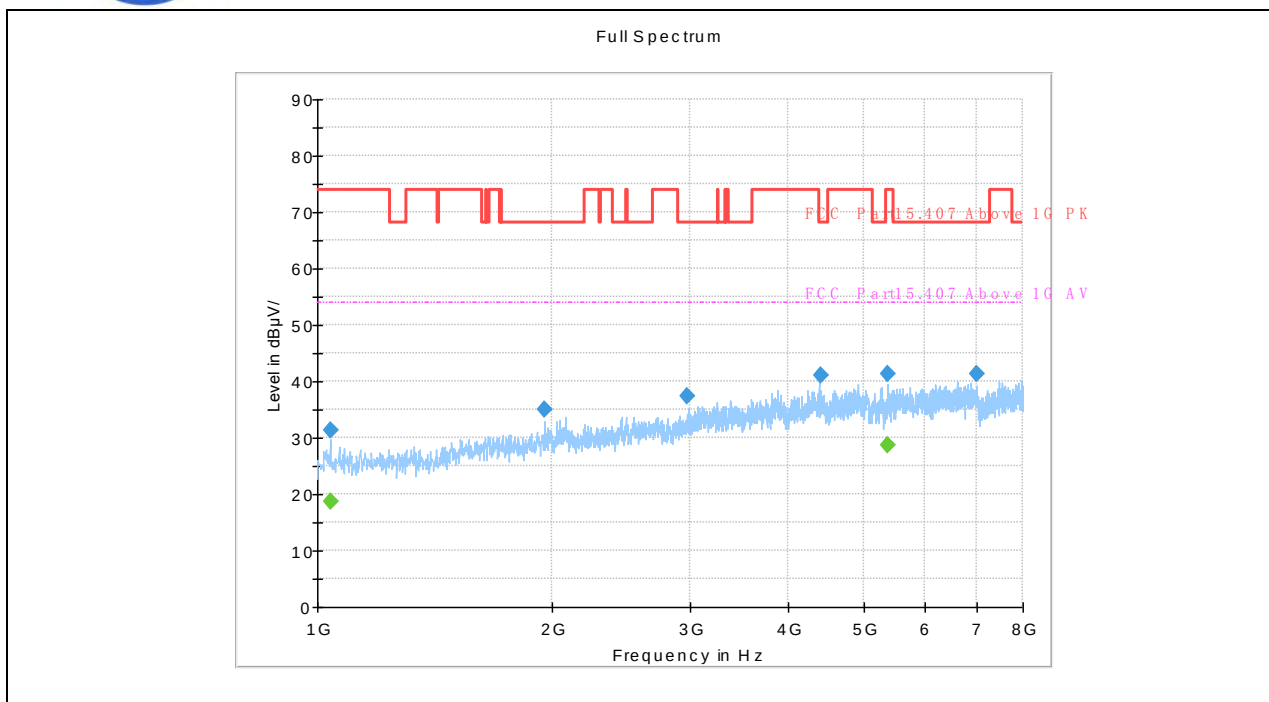
(802.11a _5745MHz, Antenna Horizontal, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
9270.000000	44.16	---	68.20	24.04	H	2.2
10140.00000	44.32	---	68.20	23.88	H	2.5
11490.00000	44.53	---	74.00	19.47	H	3.5
11490.00000	---	36.15	54.00	17.85	H	3.5
13885.00000	45.85	---	68.20	22.35	H	7.7
15835.00000	47.62	---	74.00	26.38	H	10.8
15835.00000	---	35.06	54.00	18.94	H	10.8
17620.00000	49.96	---	68.20	18.24	H	13.6



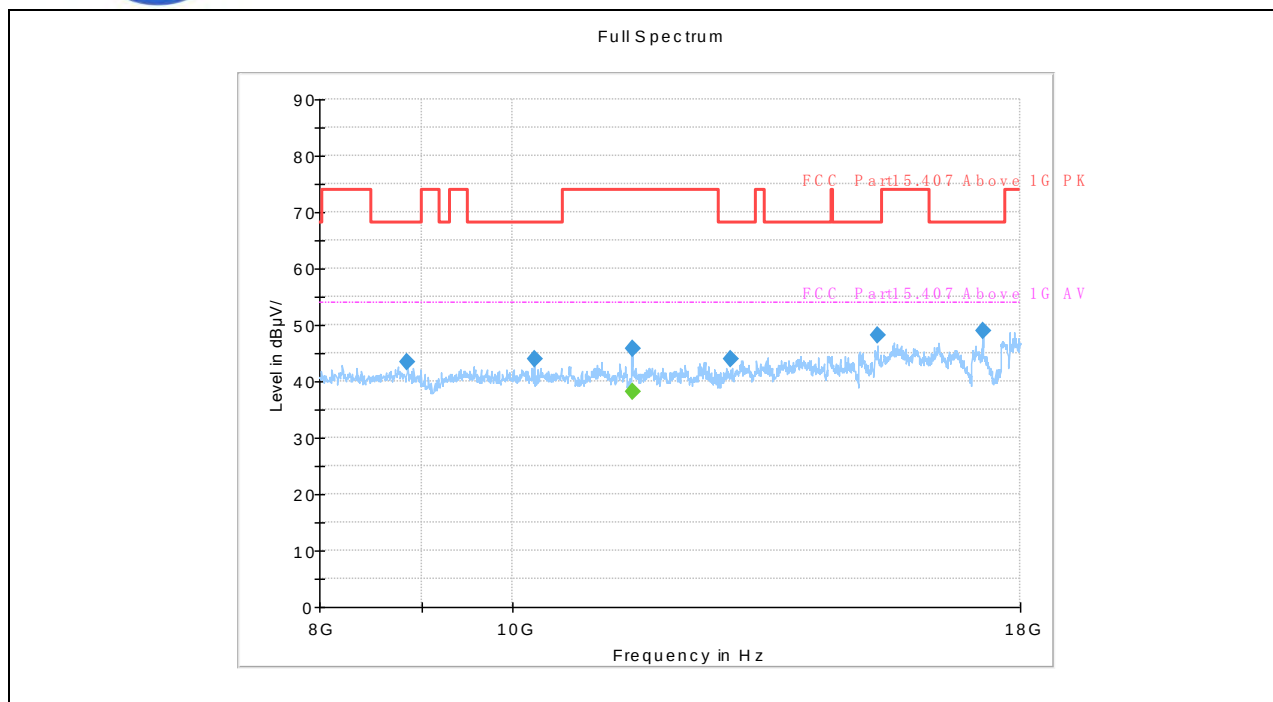
(802.11a _5745MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
66.657917	22.85	---	40.00	17.15	V	12.9
140.014167	24.04	---	43.50	19.46	V	12.1
220.524167	21.25	---	46.00	24.75	V	14.7
493.700417	27.16	---	46.00	18.84	V	20.7
728.521250	32.32	---	46.00	13.68	V	25.3
956.956250	33.05	---	46.00	12.95	V	28.3



(802.11a _5745MHz, Antenna Vertical, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1042.093210	---	18.59	54.00	35.41	V	-18.1
1042.093210	31.44	---	74.00	42.56	V	-18.1
1955.689147	34.97	---	68.20	33.23	V	-12.9
2968.104452	37.46	---	68.20	30.74	V	-8.8
4401.924750	41.09	---	68.20	27.11	V	-4.3
5373.148393	41.22	---	74.00	32.78	V	-2.7
5373.148393	---	28.79	54.00	23.21	V	-2.7
6986.025361	41.20	---	68.20	27.00	V	-1.3

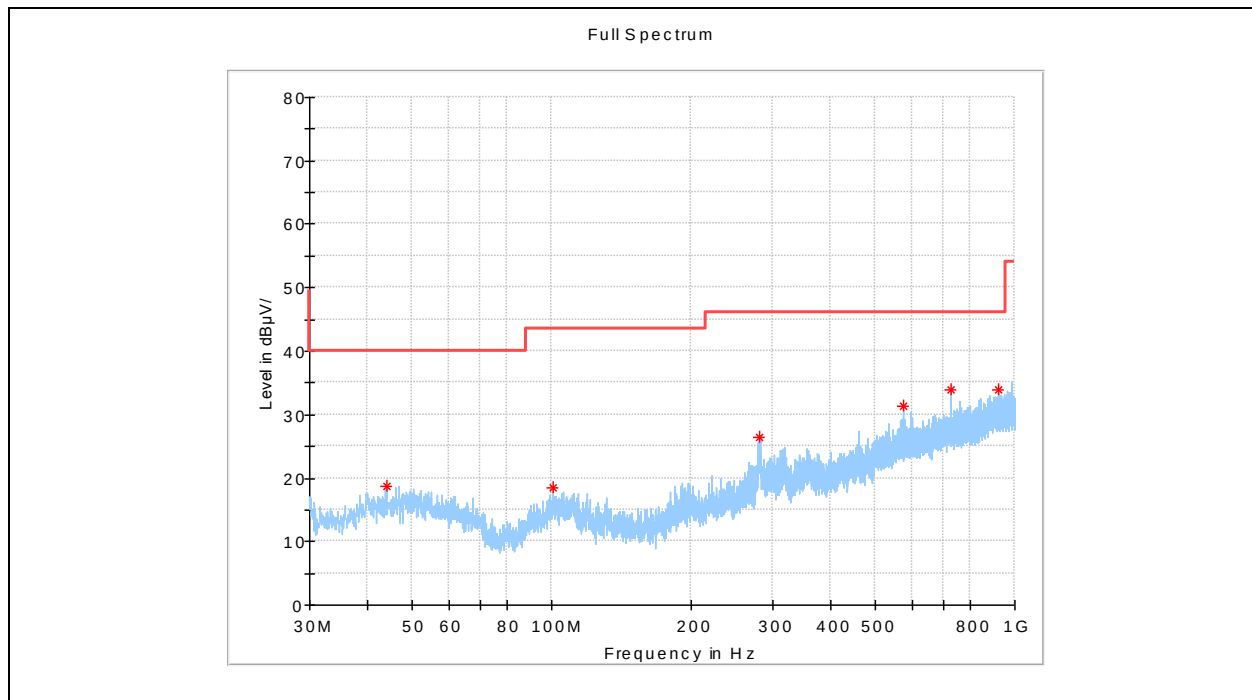


(802.11a _5745MHz, Antenna Vertical, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8860.000000	43.54	---	68.20	24.66	V	2.0
10255.00000	43.98	---	68.20	24.22	V	2.2
11490.00000	45.69	---	74.00	28.31	V	3.5
11490.00000	---	38.07	54.00	15.93	V	3.5
12865.00000	44.03	---	68.20	24.17	V	5.2
15255.00000	48.10	---	68.20	20.10	V	10.0
17230.00000	48.91	---	68.20	20.29	V	12.6

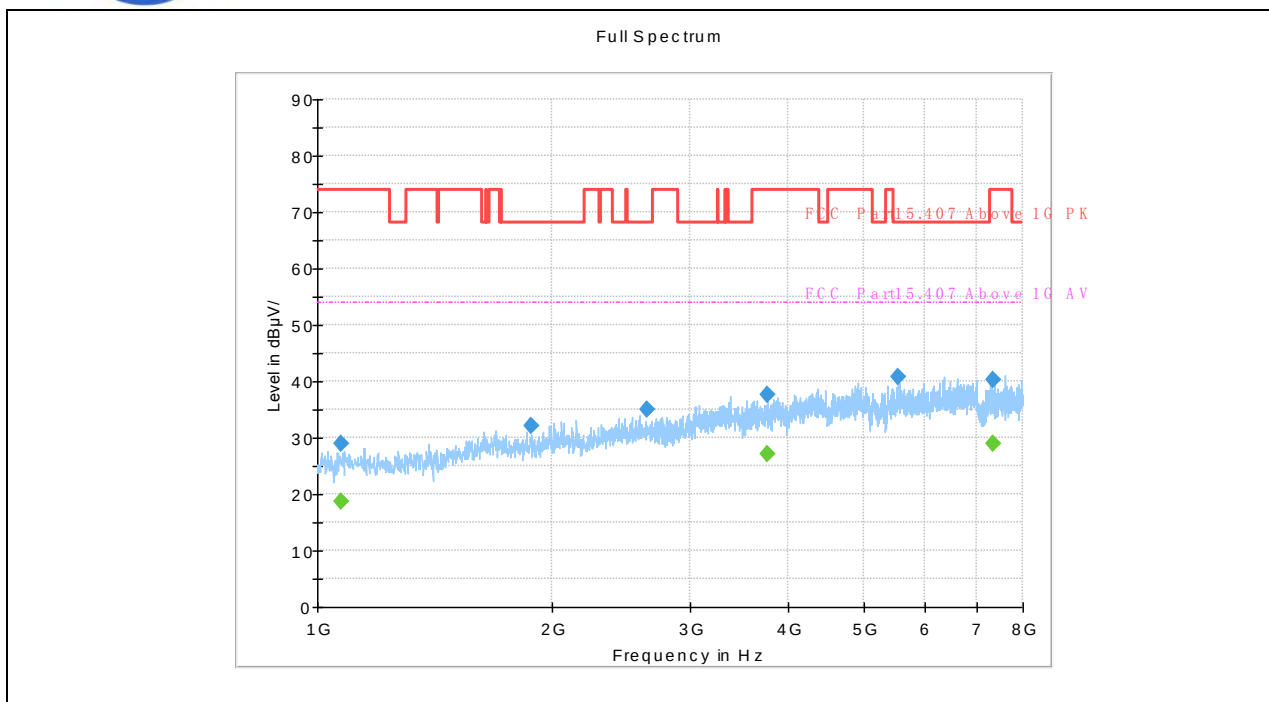


Plot for Channel = 157

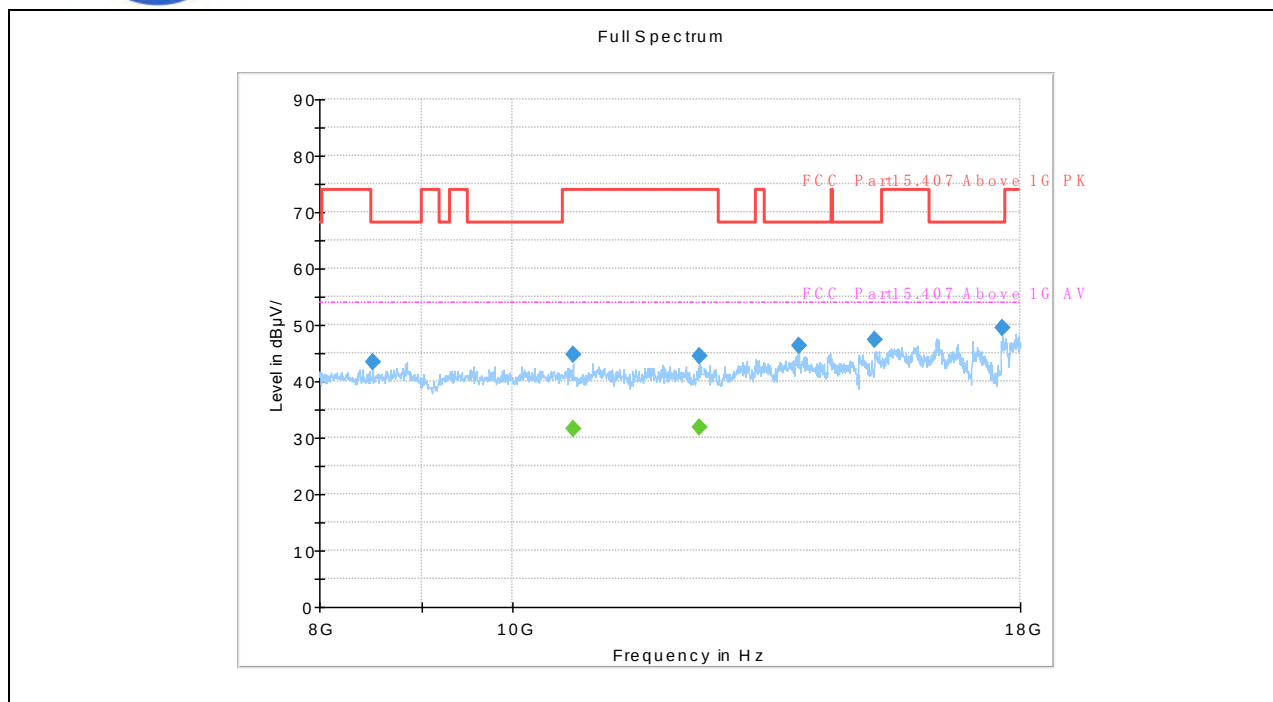


(802.11a _5785MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
43.943750	18.78	---	40.00	21.22	H	15.3
100.971667	18.40	---	43.50	25.10	H	15.0
281.512917	26.39	---	46.00	19.61	H	16.5
575.988750	31.35	---	46.00	14.65	H	23.0
728.480833	33.97	---	46.00	12.03	H	25.3
921.025833	33.96	---	46.00	12.04	H	28.0

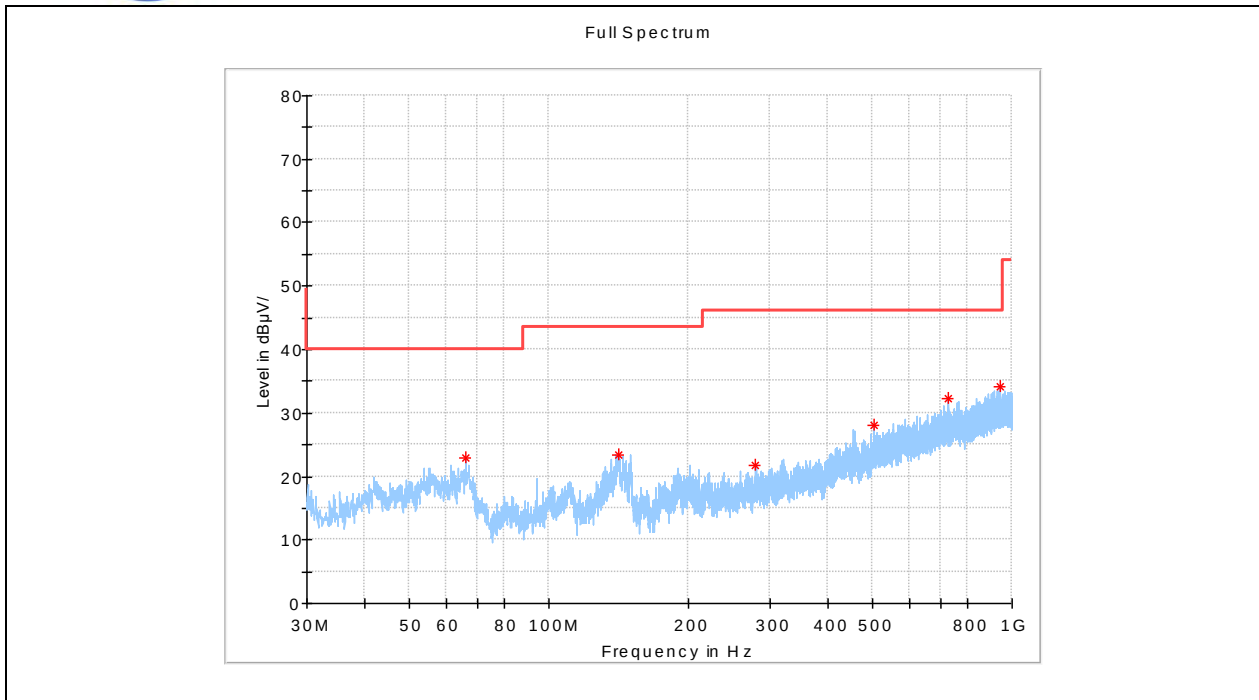


Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1071.252944	28.89	---	74.00	45.11	H	-18.0
1071.252944	---	18.62	54.00	35.38	H	-18.0
1881.406979	32.10	---	68.20	36.10	H	-13.8
2640.583418	34.94	---	68.20	33.26	H	-9.6
3772.056580	37.53	---	74.00	36.47	H	-5.8
3772.056580	---	27.19	54.00	26.81	H	-5.8
5545.950863	40.81	---	68.20	27.39	H	-2.4
7322.267714	40.31	---	74.00	33.69	H	-0.7
7322.267714	---	29.00	54.00	25.00	H	-0.7



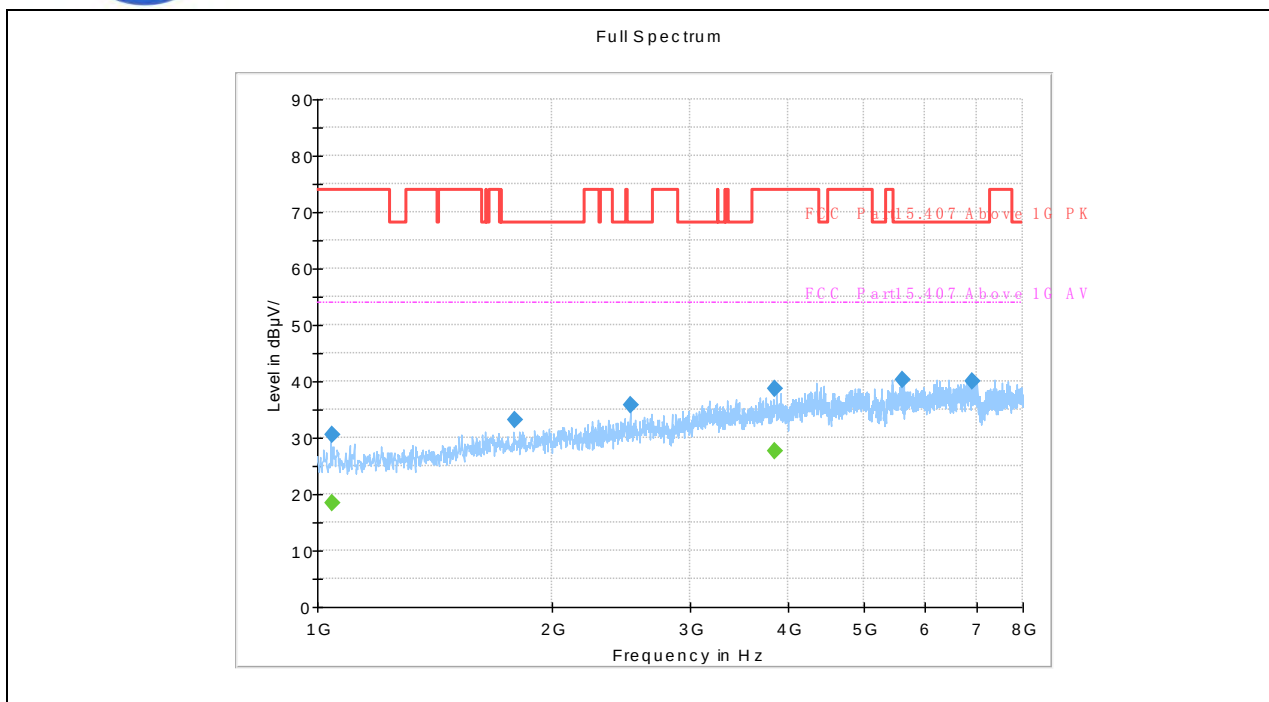
(802.11a _5785MHz, Antenna Horizontal, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8510.000000	43.49	---	68.20	24.71	H	1.2
10725.00000	---	31.61	54.00	22.39	H	2.8
10725.00000	44.64	---	74.00	29.36	H	2.8
12425.00000	44.48	---	74.00	29.52	H	4.6
12425.00000	---	31.86	54.00	22.14	H	4.6
13930.00000	46.23	---	68.20	21.97	H	7.9
15210.00000	47.38	---	68.20	20.82	H	10.0
17645.00000	49.59	---	68.20	18.61	H	13.8



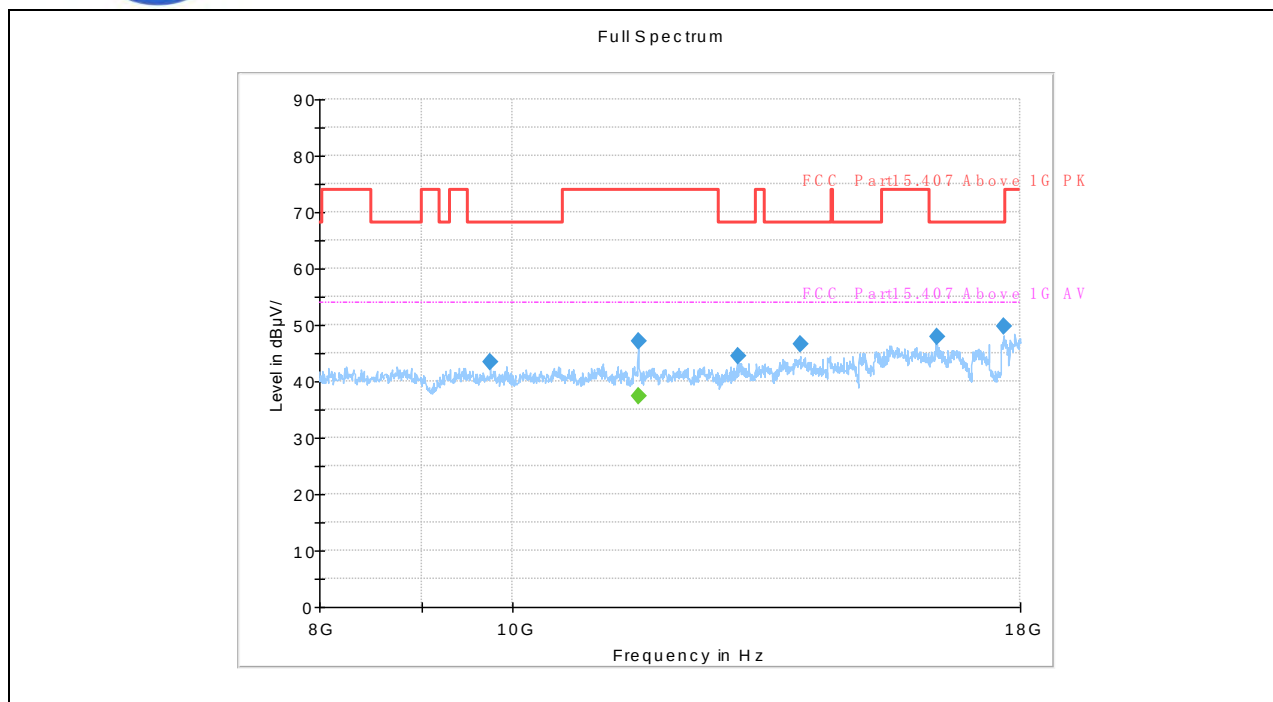
(802.11a _5785MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
66.172917	23.00	---	40.00	17.00	V	13.0
141.428750	23.46	---	43.50	20.04	V	11.7
279.855833	21.67	---	46.00	24.33	V	16.7
501.783750	28.19	---	46.00	17.81	V	22.0
729.935833	32.20	---	46.00	13.80	V	25.4
944.871667	34.19	---	46.00	11.81	V	28.3



(802.11a _5785MHz, Antenna Vertical, 1GHz to 8GHz)

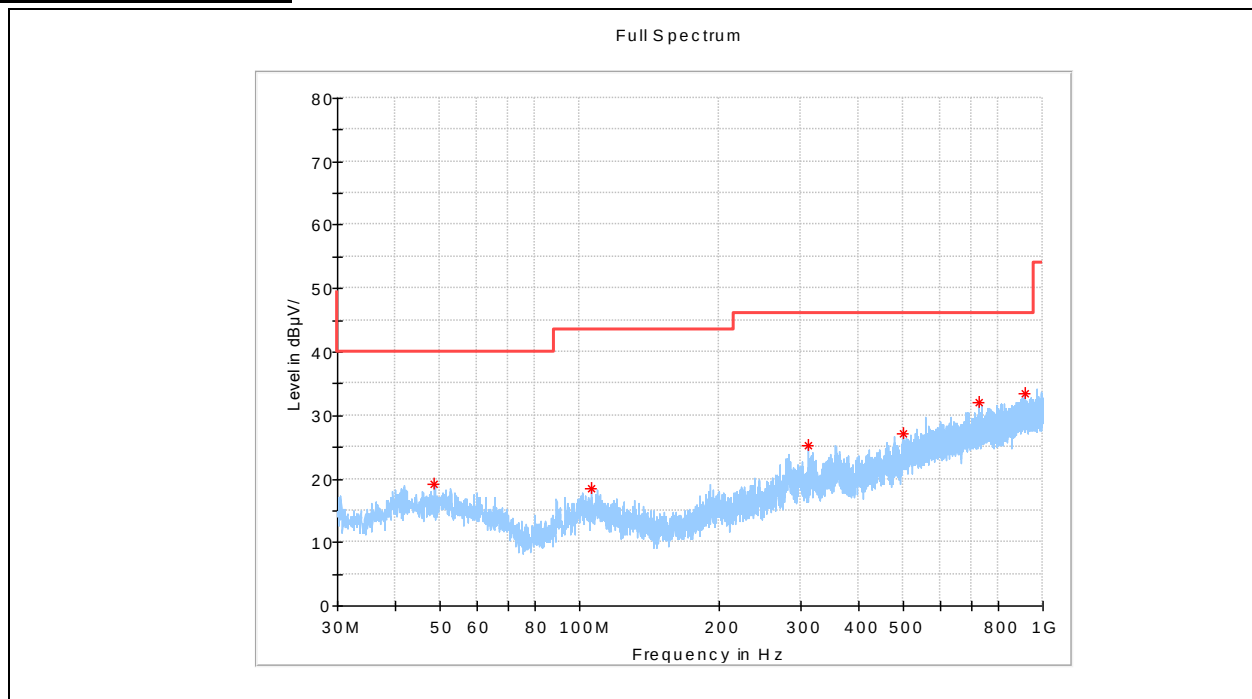
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1044.446659	---	18.51	54.00	35.49	V	-18.1
1044.446659	30.45	---	74.00	43.55	V	-18.1
1790.558267	33.11	---	68.20	35.09	V	-13.8
2514.843503	35.70	---	68.20	32.50	V	-10.4
3857.958785	---	27.60	54.00	26.40	V	-5.4
3857.958785	38.79	---	74.00	35.21	V	-5.4
5609.443188	40.37	---	68.20	27.83	V	-2.8
6885.253934	40.01	---	68.20	28.19	V	-1.2



(802.11a _5785MHz, Antenna Vertical, 8GHz to 18GHz)

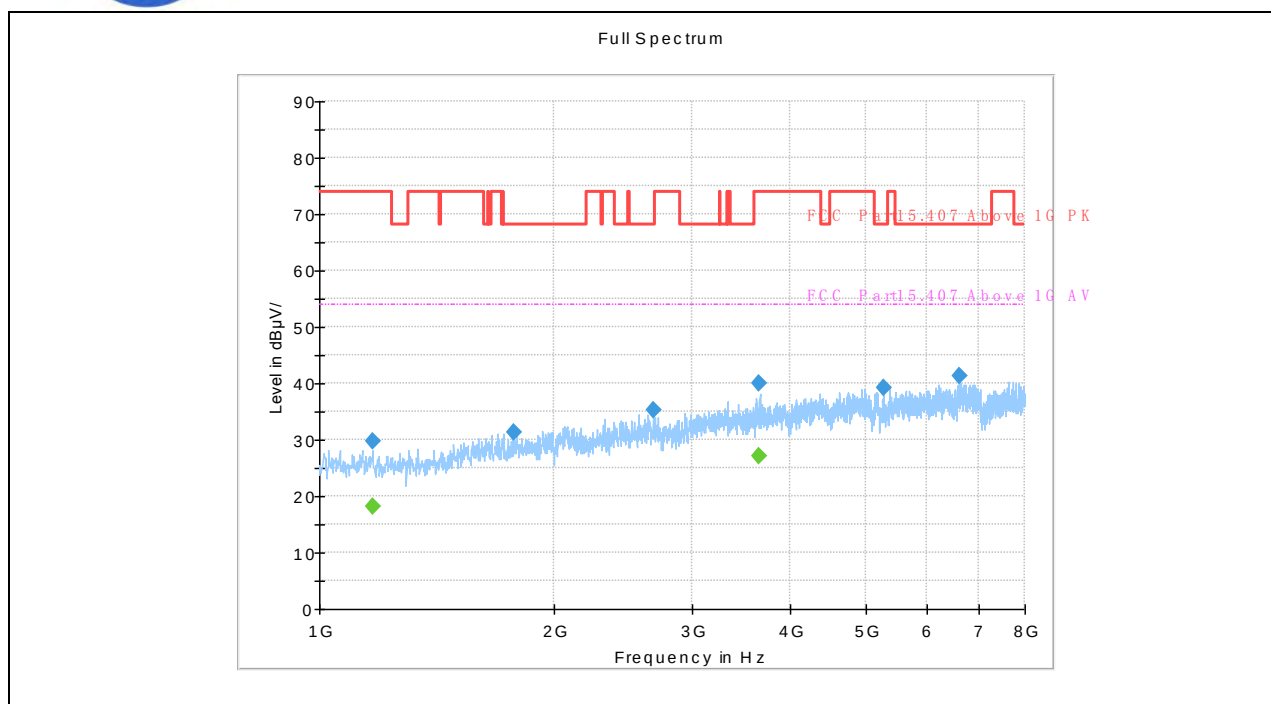
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
9745.000000	43.52	---	68.20	24.68	V	2.2
11565.00000	---	37.44	54.00	16.56	V	4.1
11565.00000	47.05	---	74.00	26.95	V	4.1
12980.00000	44.55	---	68.20	23.65	V	5.9
13950.00000	46.52	---	68.20	21.68	V	8.0
16350.00000	48.02	---	68.20	20.18	V	11.4
17650.00000	49.63	---	68.20	18.57	V	13.9

Plot for Channel = 165



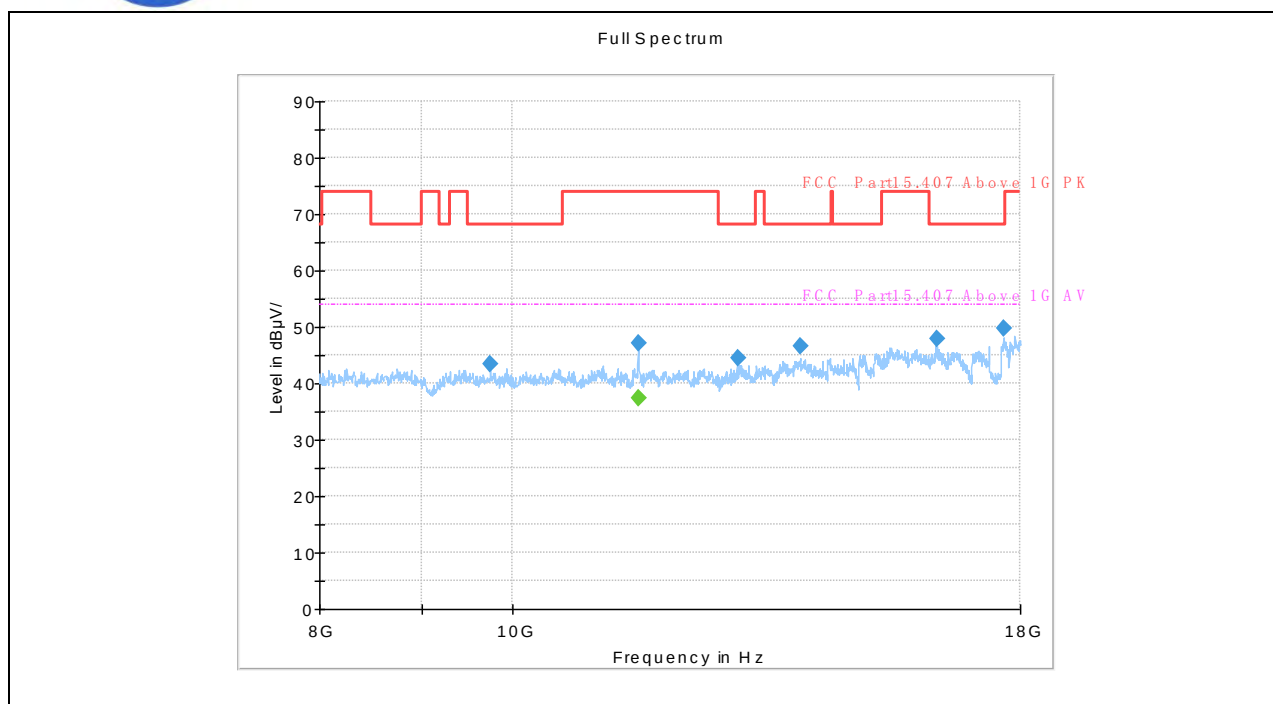
(802.11a _5825MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
48.591667	19.15	---	40.00	20.85	H	15.5
106.145000	18.37	---	43.50	25.13	H	14.3
312.310417	25.32	---	46.00	20.68	H	16.7
499.116250	27.03	---	46.00	18.97	H	21.8
729.289167	32.04	---	46.00	13.96	H	25.4
917.590417	33.39	---	46.00	12.61	H	28.0



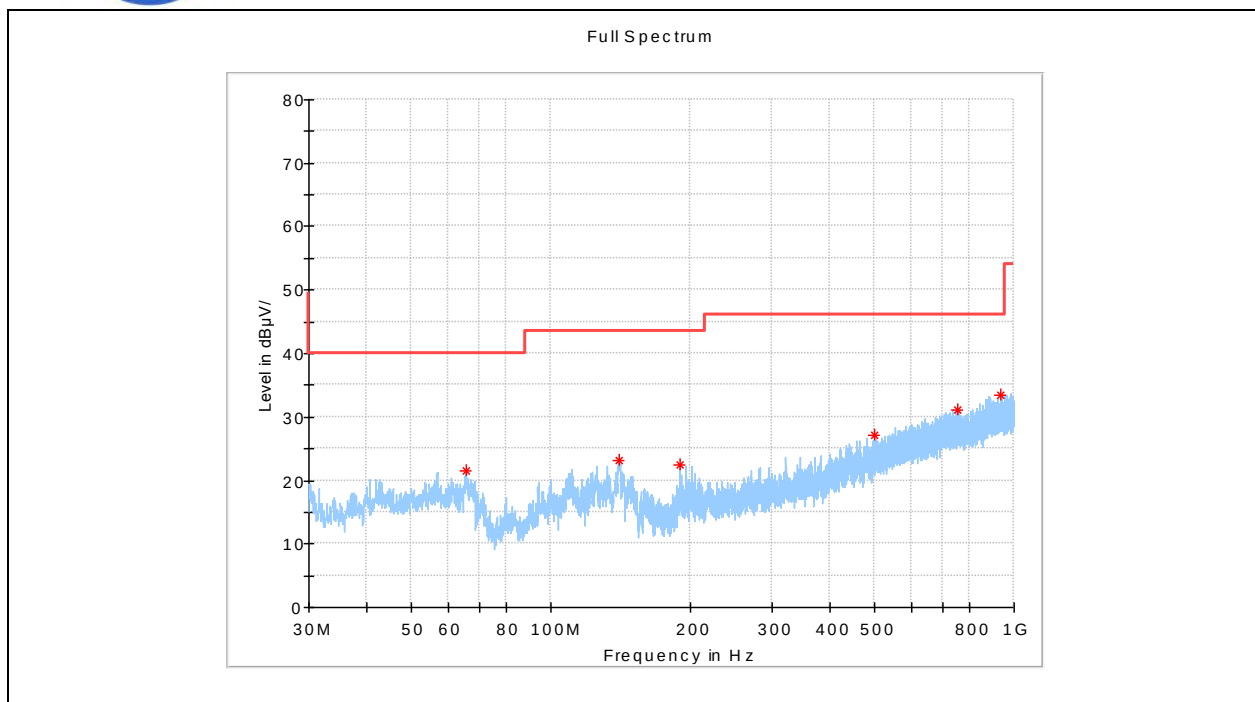
(802.11a _5825MHz, Antenna Horizontal, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1171.781160	29.83	---	74.00	44.17	H	-17.9
1171.781160	---	18.11	54.00	35.89	H	-17.9
1771.233635	31.40	---	68.20	36.80	H	-14.2
2678.813775	35.39	---	68.20	32.81	H	-9.4
3658.911466	39.87	---	74.00	34.13	H	-6.3
3658.911466	---	27.09	54.00	26.91	H	-6.3
5277.362839	39.34	---	68.20	28.86	H	-2.9
6602.753715	41.22	---	68.20	26.98	H	-0.9

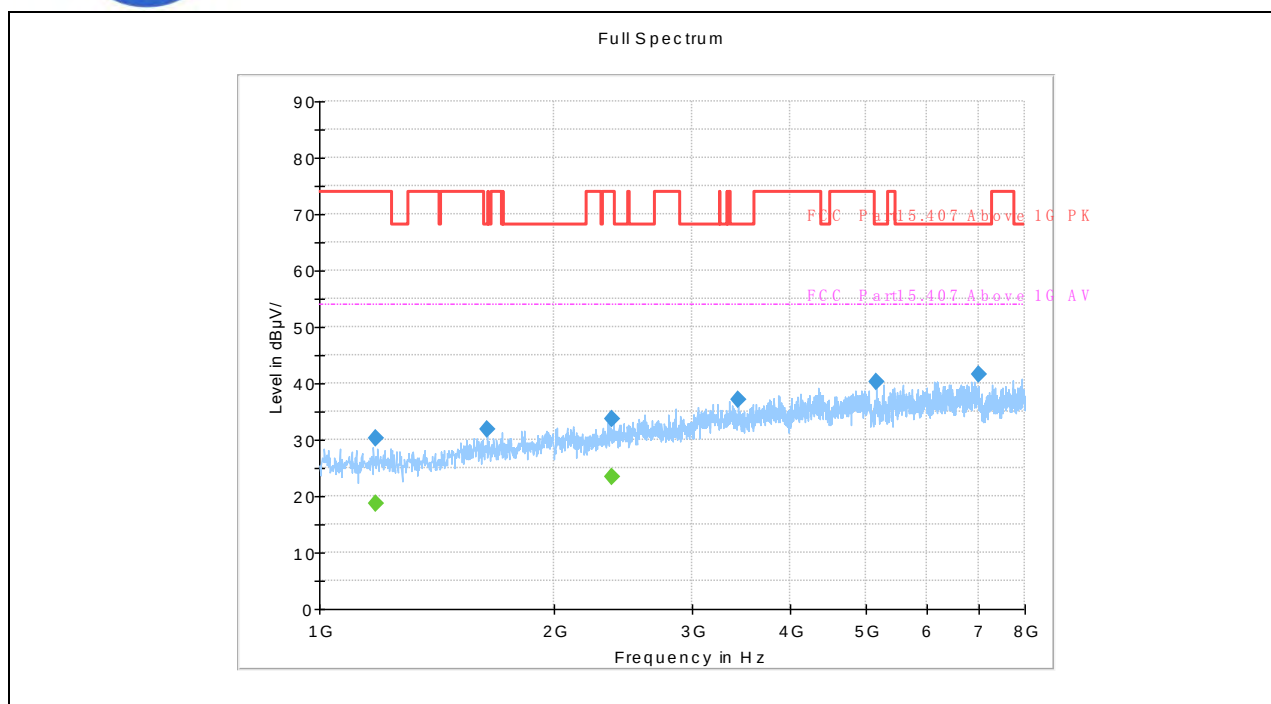


(802.11a _5825MHz, Antenna Horizontal, 8GHz to 18GHz)

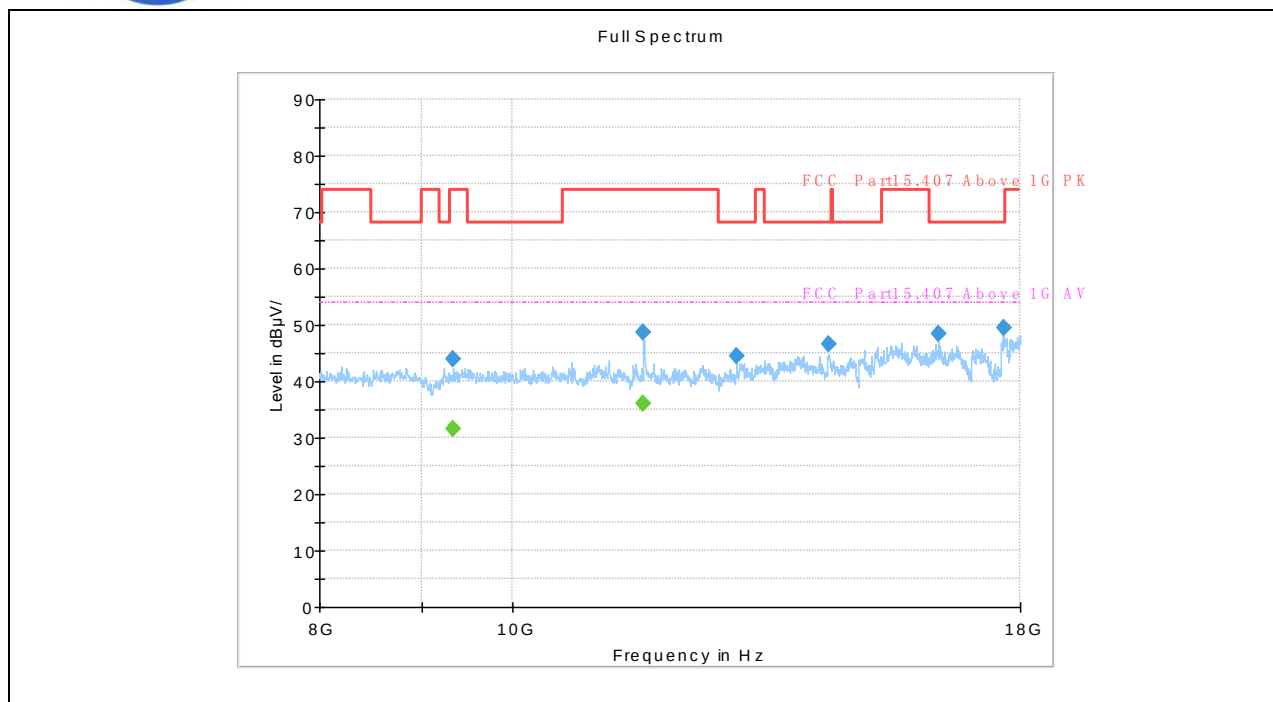
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
9745.000000	43.52	---	68.20	24.68	H	2.2
11565.00000	---	37.44	54.00	16.56	H	4.1
11565.00000	47.05	---	74.00	26.95	H	4.1
12980.00000	44.55	---	68.20	23.65	H	5.9
13950.00000	46.52	---	68.20	21.68	H	8.0
16350.00000	48.02	---	68.20	20.18	H	11.4
17650.00000	49.63	---	68.20	18.57	H	13.9



Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
65.687917	21.48	---	40.00	18.52	V	13.2
140.256667	23.09	---	43.50	20.41	V	12.0
189.645833	22.48	---	43.50	21.02	V	13.4
501.258333	27.24	---	46.00	18.76	V	22.0
753.296667	31.13	---	46.00	14.87	V	26.1
938.930417	33.44	---	46.00	12.56	V	28.3

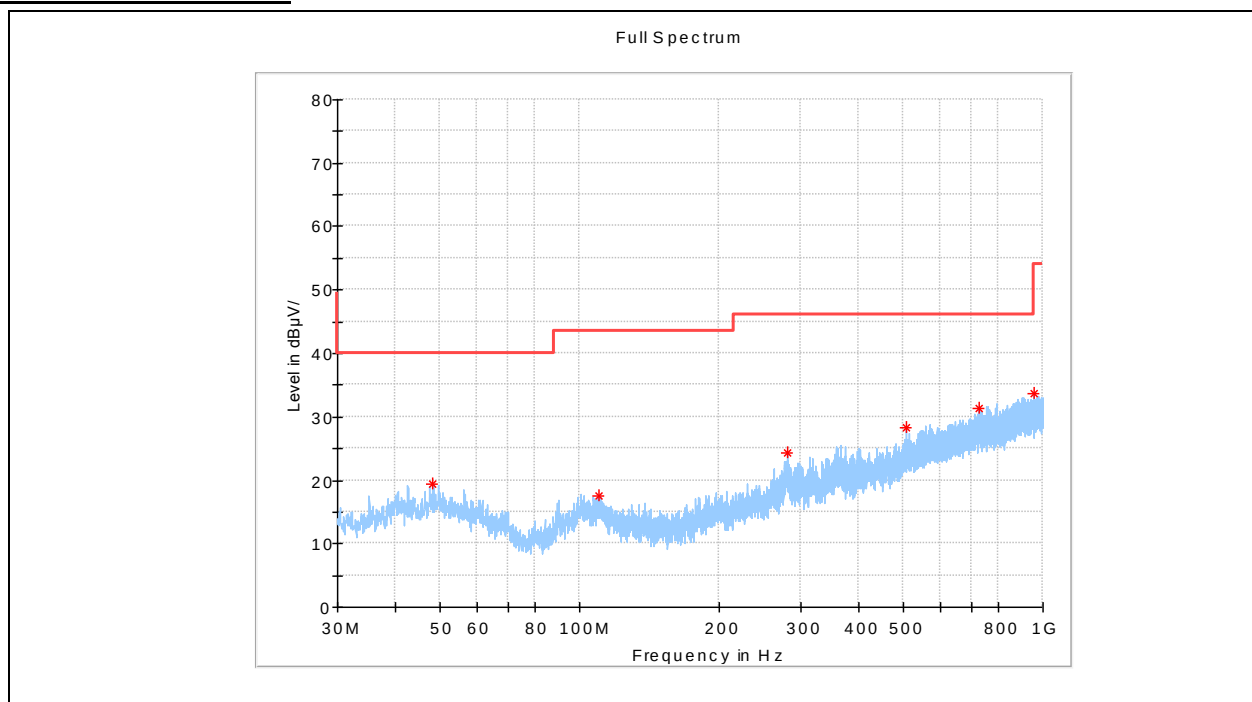


Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1178.620323	30.29	---	74.00	43.71	V	-17.8
1178.620323	---	18.81	54.00	35.19	V	-17.8
1638.297629	31.76	---	68.20	36.44	V	-14.5
2367.687713	33.80	---	74.00	40.20	V	-10.9
2367.687713	---	23.44	54.00	30.56	V	-10.9
3430.506722	37.14	---	68.20	31.06	V	-6.8
5161.819714	40.26	---	68.20	27.94	V	-3.0
6972.498896	41.45	---	68.20	26.75	V	-1.3



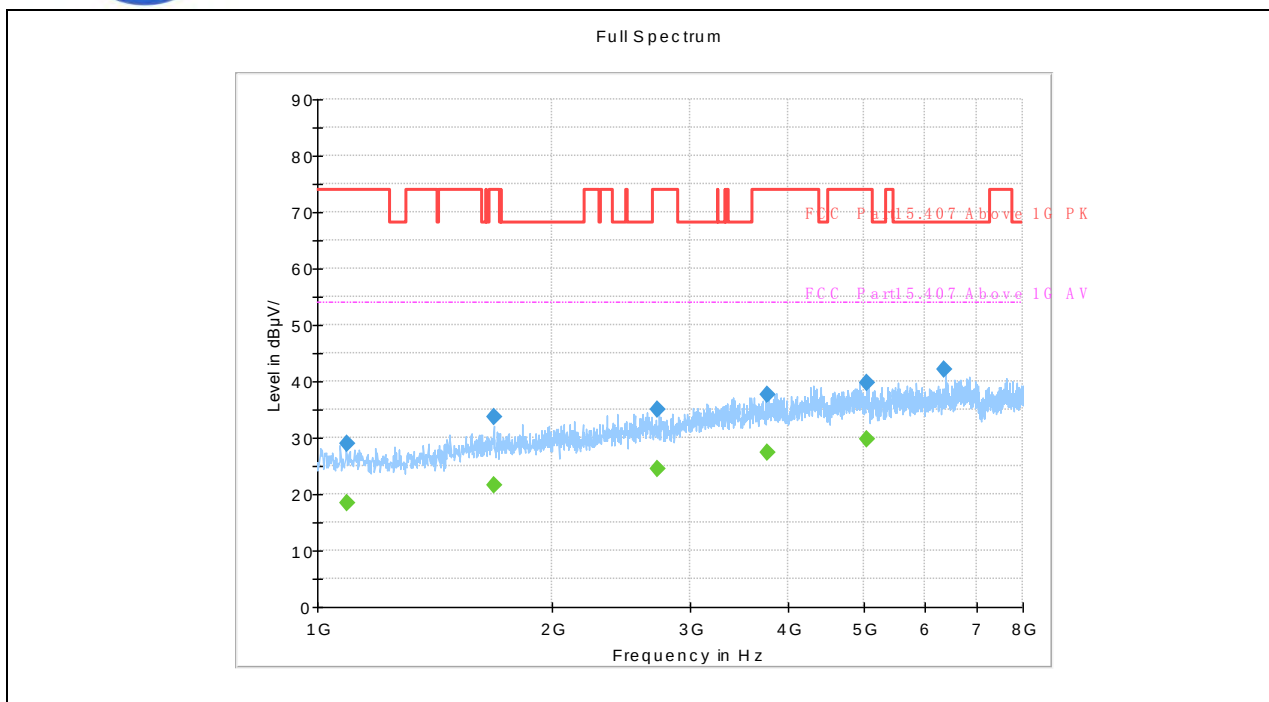
(802.11a _58MHz, Antenna Vertical, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
9345.000000	---	31.47	54.00	22.53	V	2.1
9345.000000	44.01	---	74.00	29.99	V	2.1
11640.00000	---	36.04	54.00	17.96	V	3.5
11640.00000	48.78	---	74.00	25.22	V	3.5
12965.00000	44.40	---	68.20	23.80	V	5.8
14420.00000	46.62	---	68.20	21.58	V	8.7
16375.00000	48.37	---	68.20	19.83	V	11.5
17675.00000	49.42	---	68.20	18.78	V	14.1

**802.11n (HT20) Test mode**Plots for Channel = 36

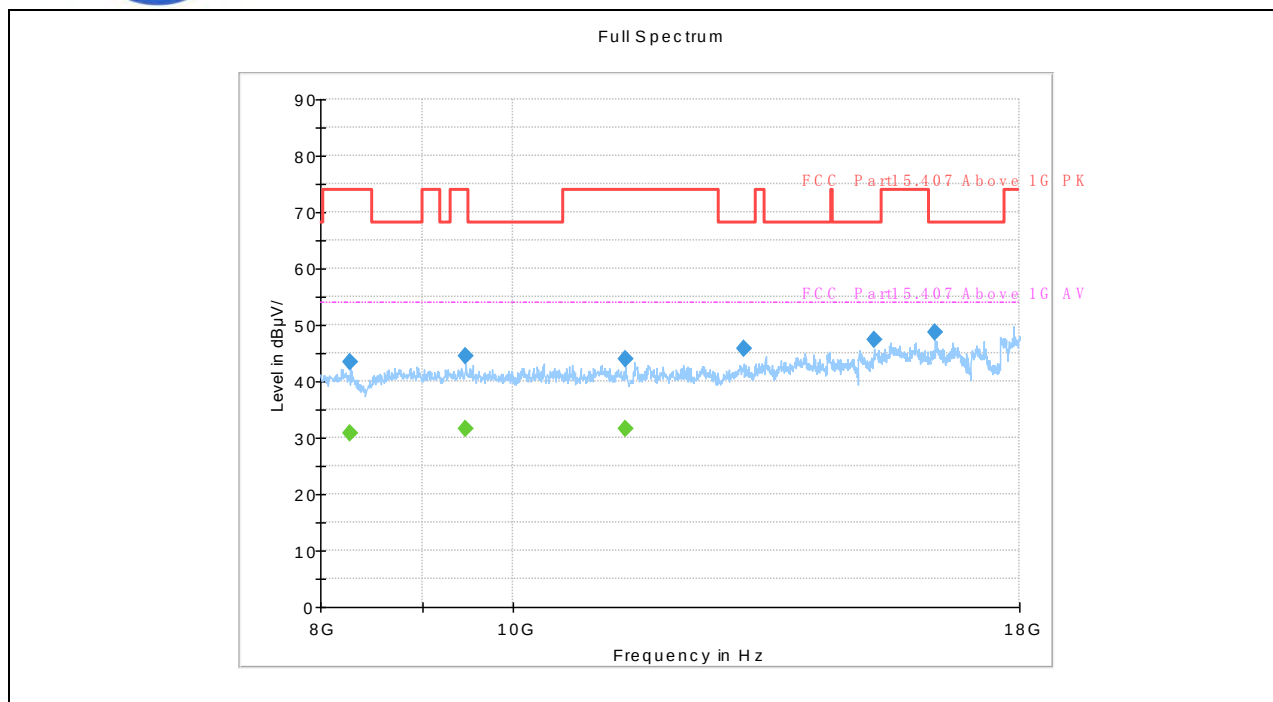
(802.11n _5180MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBµV/m)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB/m)
48.227917	19.45	---	40.00	21.39	H	15.5
110.267500	17.61	---	43.50	25.13	H	14.8
280.502500	24.36	---	43.50	23.39	H	16.7
508.533333	28.31	---	46.00	19.66	H	22.0
728.723333	31.32	---	46.00	19.37	H	25.3
954.895000	33.59	---	46.00	12.93	H	28.3



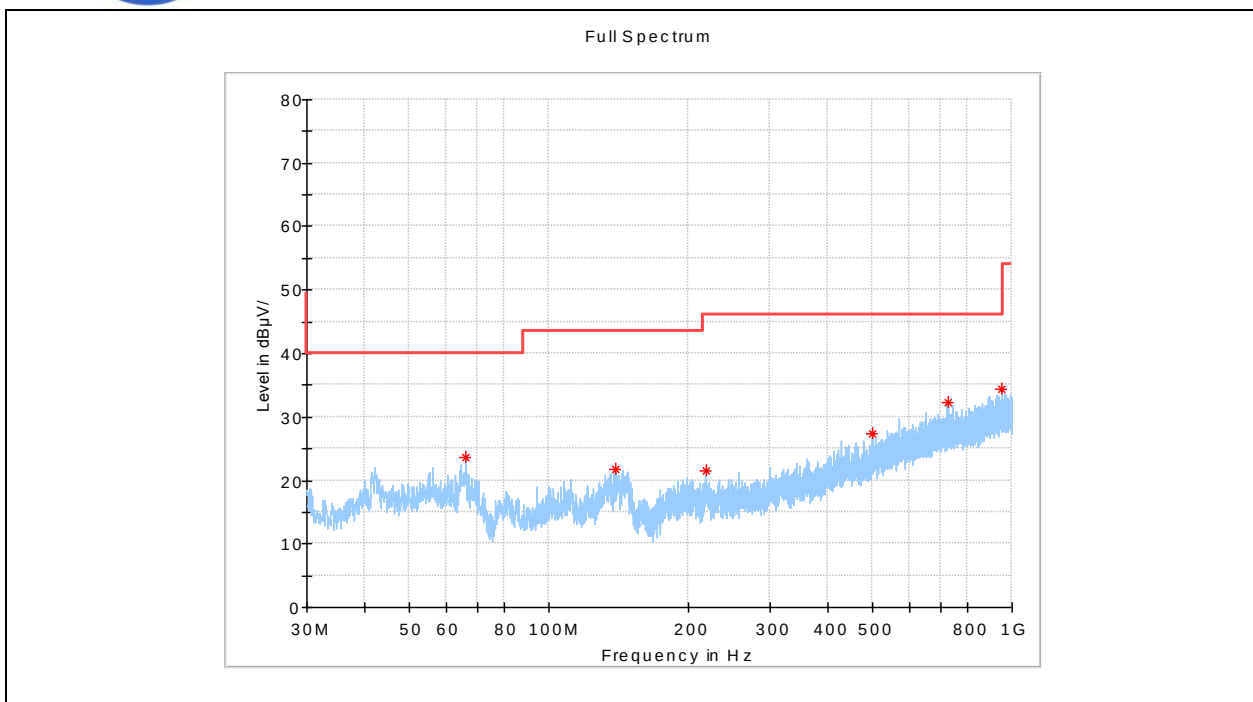
(802.11n _5180MHz, Antenna Horizontal, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1090.093688	28.96	---	74.00	45.04	H	-17.8
1090.093688	---	18.54	54.00	35.46	H	-17.8
1680.859252	---	21.52	54.00	32.48	H	-14.4
1680.859252	33.78	---	74.00	40.22	H	-14.4
2723.019274	34.91	---	74.00	39.09	H	-10.2
2723.019274	---	24.44	54.00	29.56	H	-10.2
3770.988293	---	27.37	54.00	26.63	H	-5.8
3770.988293	37.65	---	74.00	34.35	H	-5.8
5054.129820	39.85	---	74.00	34.15	H	-2.7
5054.129820	---	29.75	54.00	24.25	H	-2.7
6346.756268	42.22	---	68.20	25.98	H	-2.0



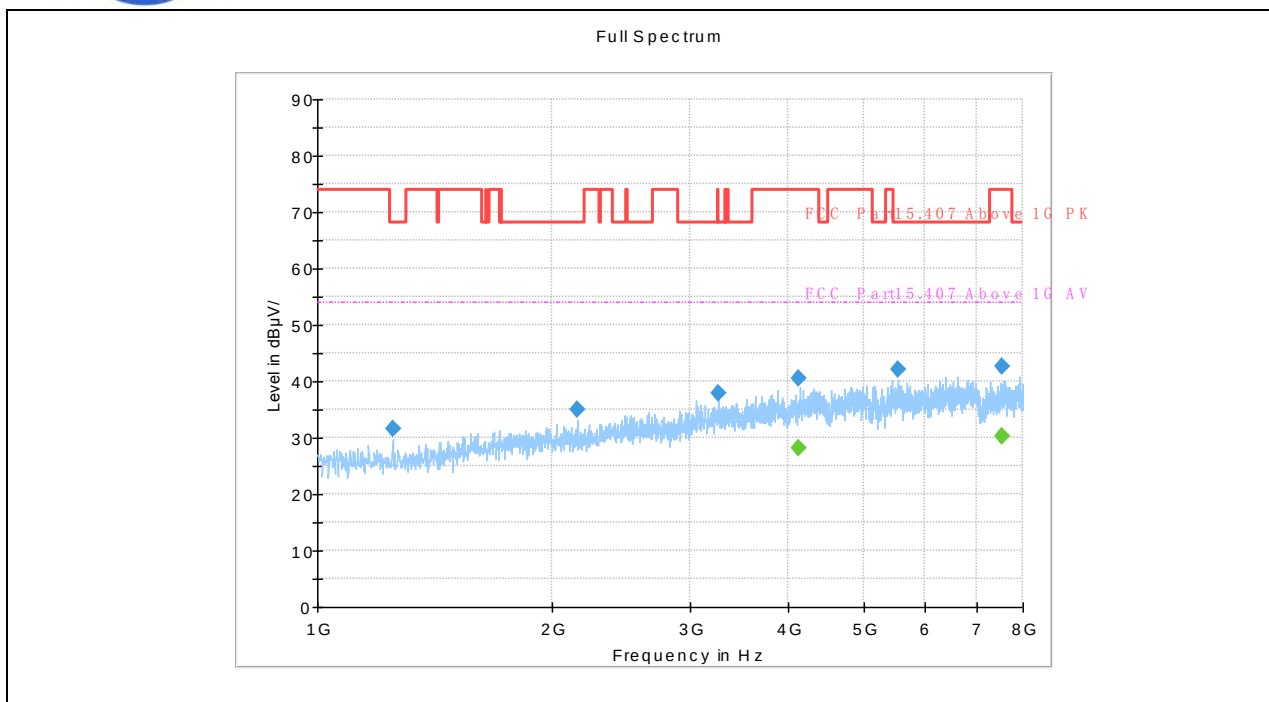
(802.11n _5180MHz, Antenna Horizontal, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8285.000000	---	30.82	54.00	23.18	H	1.5
8285.000000	43.53	---	74.00	30.47	H	1.5
9475.000000	---	31.58	54.00	22.42	H	2.0
9475.000000	44.56	---	74.00	29.44	H	2.0
11395.000000	---	31.52	54.00	22.48	H	3.8
11395.000000	43.94	---	74.00	30.06	H	3.8
13070.000000	45.84	---	68.20	22.36	H	6.3
15200.000000	47.38	---	68.20	20.82	H	10.0
16320.000000	48.70	---	68.20	19.50	H	11.3

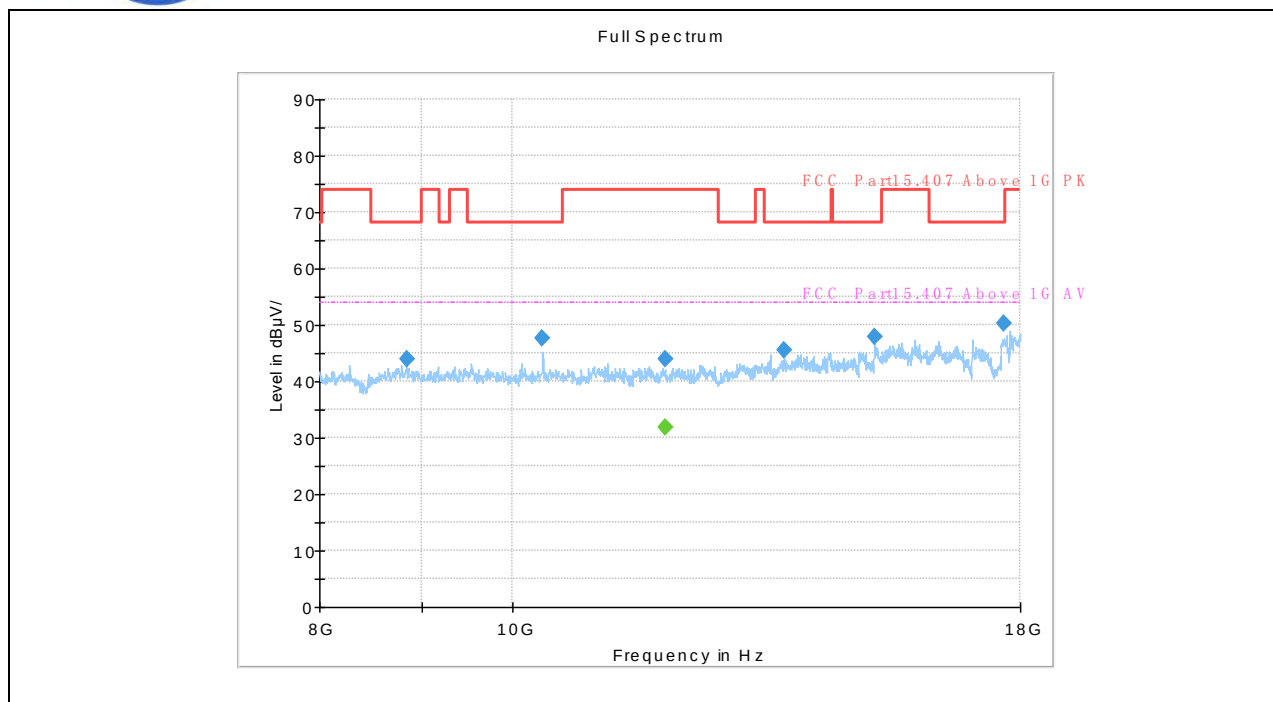


(802.11n _5180MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
66.011250	23.57	---	40.00	16.43	V	13.1
139.205833	21.64	---	43.50	21.86	V	11.8
219.109583	21.45	---	46.00	24.55	V	14.5
500.490417	27.44	---	46.00	18.56	V	22.0
728.965833	32.35	---	46.00	13.65	V	25.3
947.458333	34.31	---	46.00	11.69	V	28.3



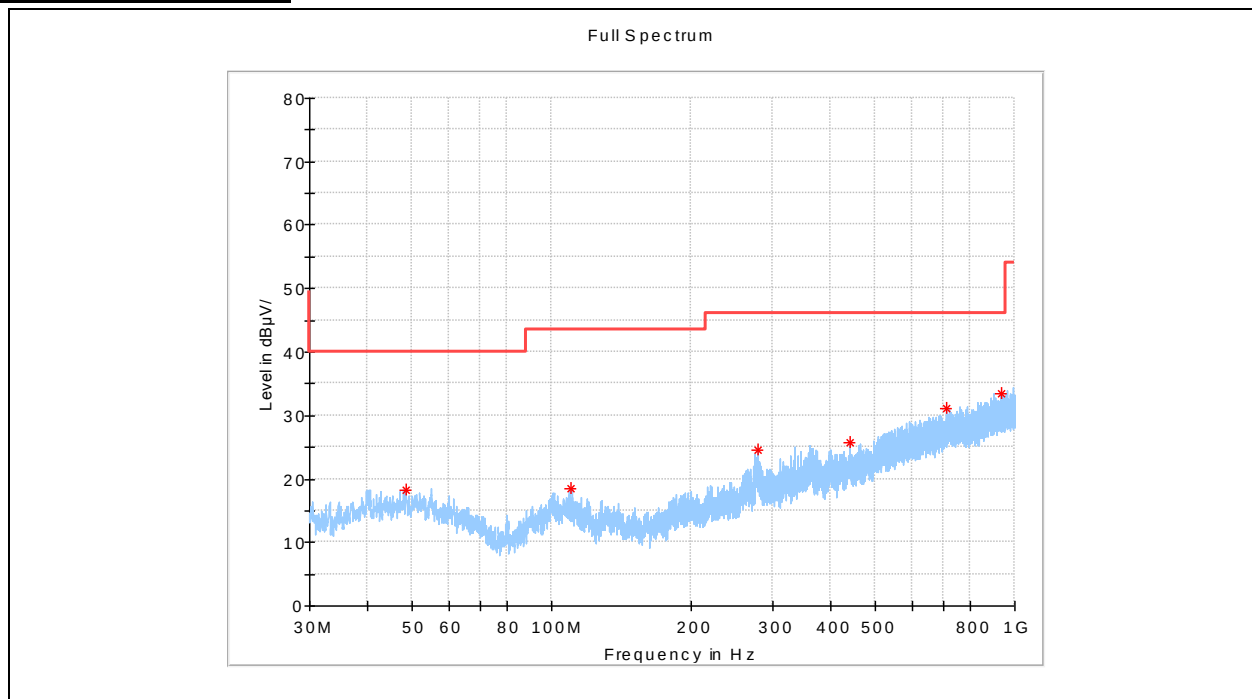
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1248.500000	31.46	---	68.20	36.74	V	-17.7
2155.000000	35.04	---	68.20	33.16	V	-12.8
3261.024765	37.99	---	68.20	30.21	V	-7.4
4133.192500	40.54	---	74.00	33.46	V	-5.0
4133.192500	---	28.25	54.00	25.75	V	-5.0
5527.396455	42.06	---	68.20	26.14	V	-2.8
7533.180818	42.54	---	74.00	31.46	V	0.0
7533.180818	---	30.13	54.00	23.87	V	0.0



(802.11n _5180MHz, Antenna Vertical, 8GHz to 18GHz)

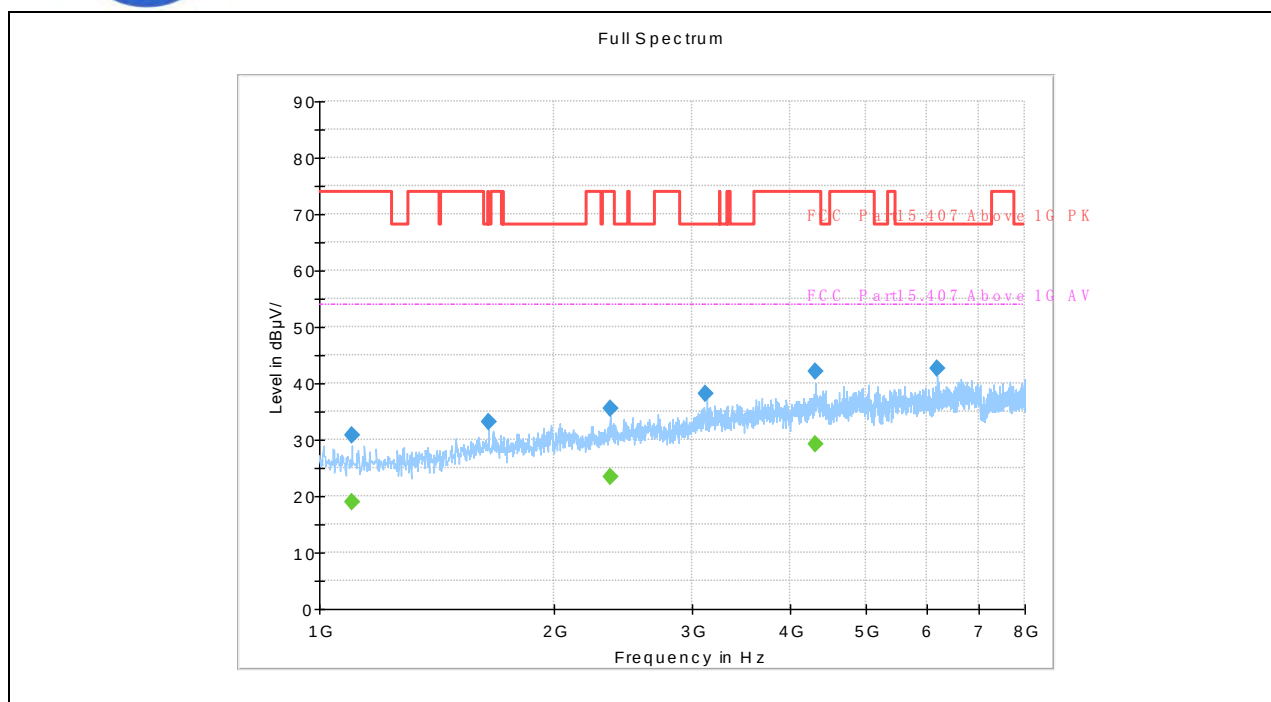
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8850.000000	44.02	---	68.20	24.18	V	2.1
10360.00000	47.57	---	68.20	20.63	V	2.5
11930.00000	44.01	---	74.00	29.99	V	3.7
11930.00000	---	31.84	54.00	22.16	V	3.7
13700.00000	45.59	---	68.20	22.61	V	7.2
15215.00000	47.89	---	68.20	20.31	V	10.0
17675.00000	50.27	---	68.20	17.93	V	14.1

Plots for Channel = 44



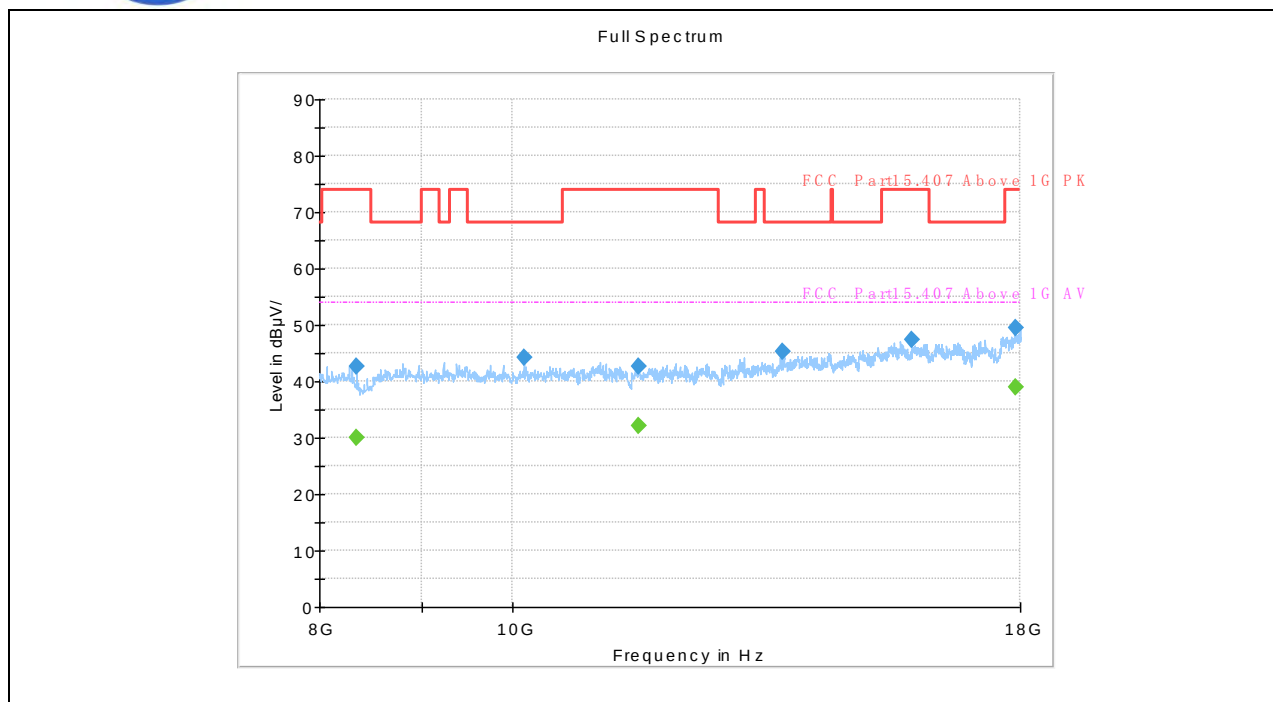
(802.11n_5220MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
48.510833	18.31	---	40.00	21.69	H	15.5
110.388750	18.58	---	43.50	24.92	H	14.8
278.683750	24.64	---	46.00	21.36	H	16.4
440.390833	25.76	---	46.00	20.24	H	20.6
712.314167	31.10	---	46.00	14.90	H	25.0
936.262917	33.51	---	46.00	12.49	H	28.2



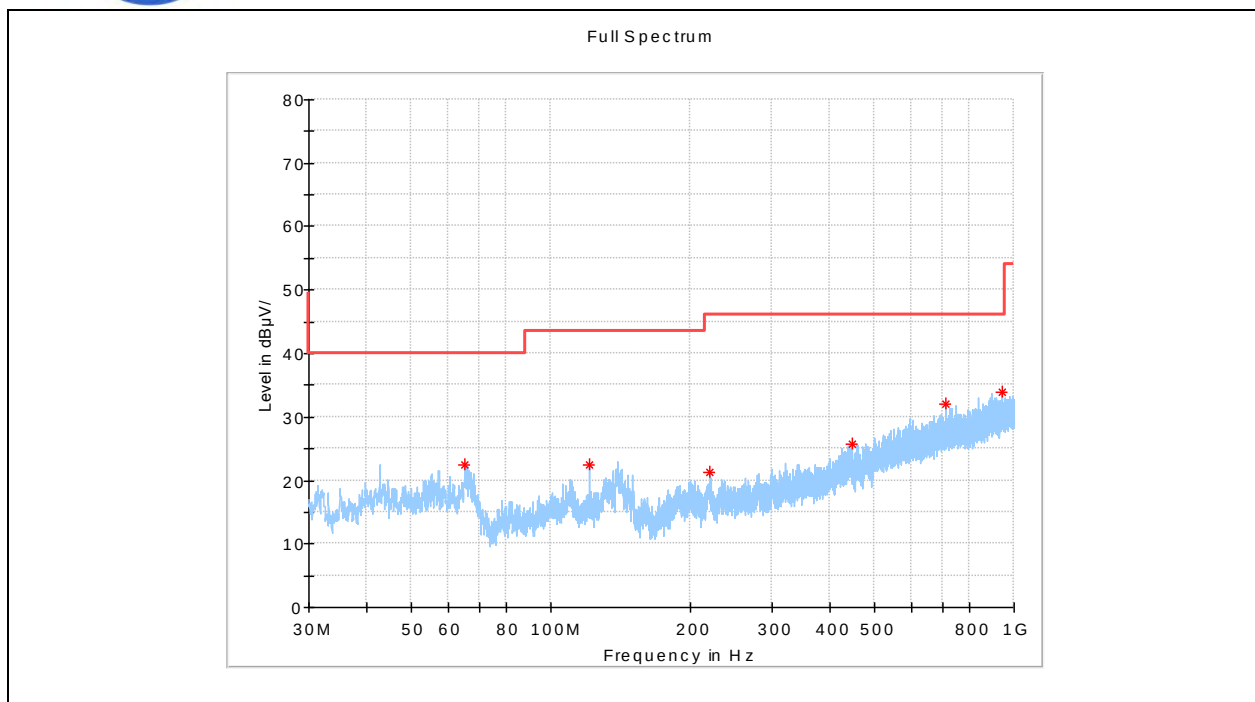
(802.11n _5220MHz, Antenna Horizontal, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1103.243124	30.73	---	74.00	43.27	H	-17.5
1103.243124	---	18.86	54.00	35.14	H	-17.5
1644.629231	33.14	---	68.20	35.06	H	-14.6
2359.025730	35.57	---	74.00	38.43	H	-11.0
2359.025730	---	23.35	54.00	30.65	H	-11.0
3123.638466	38.18	---	68.20	30.02	H	-7.8
4316.488551	42.07	---	74.00	31.93	H	-3.4
4316.488551	---	29.08	54.00	24.92	H	-3.4
6179.321980	42.54	---	68.20	25.66	H	-2.1



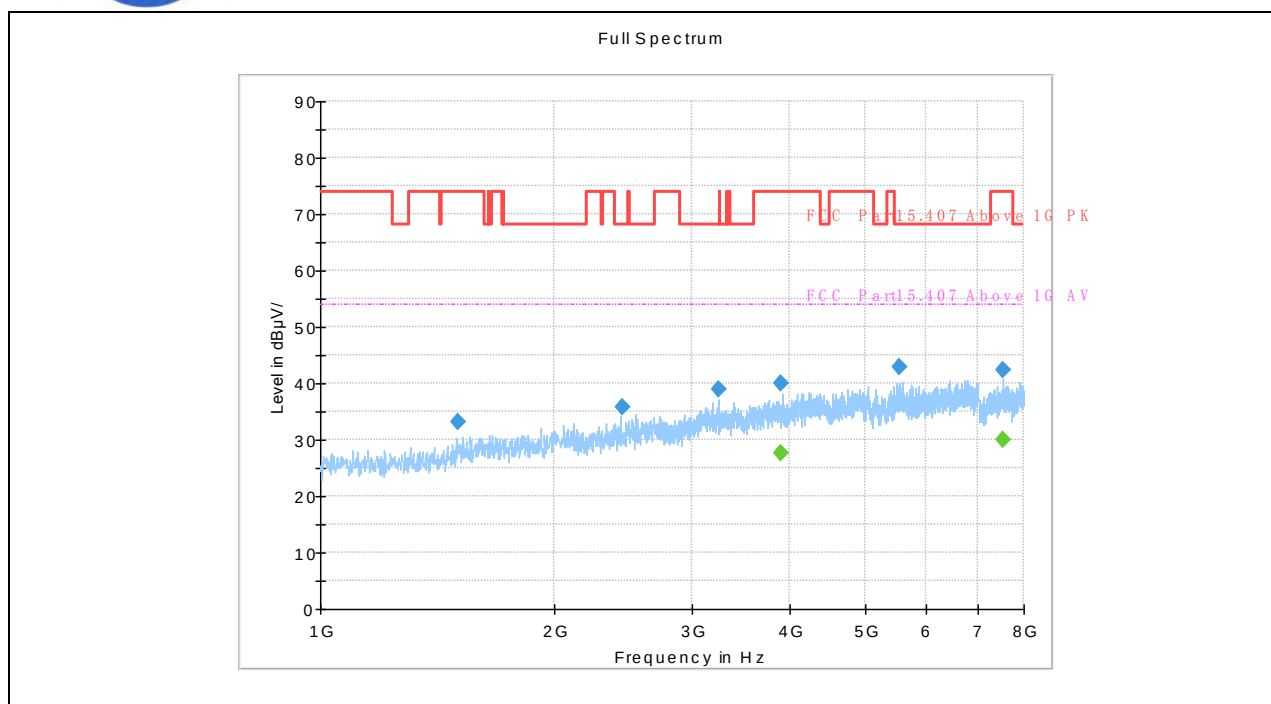
(802.11n _5220MHz, Antenna Horizontal, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8350.000000	---	30.05	54.00	23.95	H	1.3
8350.000000	42.57	---	74.00	31.43	H	1.3
10135.000000	44.27	---	68.20	23.93	H	2.5
11575.000000	42.53	---	74.00	31.47	H	4.2
11575.000000	---	32.20	54.00	21.80	H	4.2
13675.000000	45.17	---	68.20	23.03	H	7.2
15885.000000	47.39	---	74.00	26.61	H	11.1
17895.000000	49.44	---	74.00	24.56	H	15.1



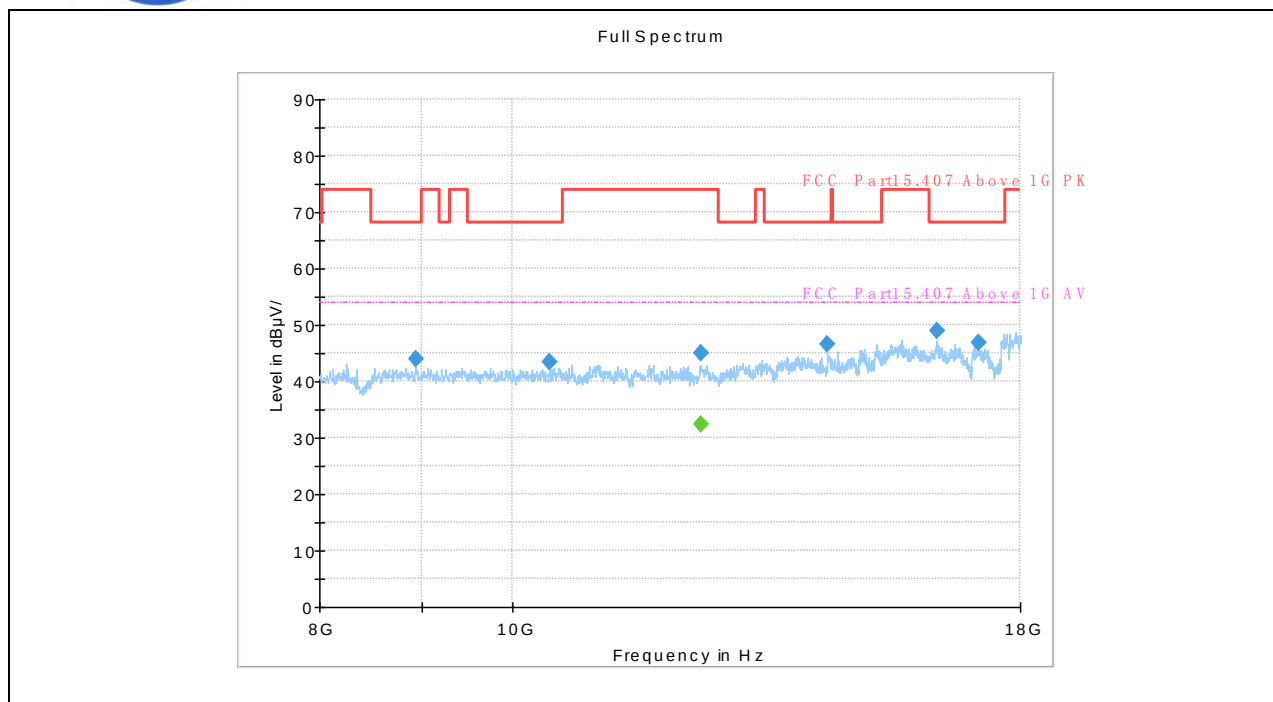
(802.11n _5220MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
65.202917	22.48	---	40.00	17.52	V	13.3
121.341667	22.44	---	43.50	21.06	V	12.6
219.877500	21.20	---	46.00	24.80	V	14.8
446.615000	25.84	---	46.00	20.16	V	19.6
712.395000	31.93	---	46.00	14.07	V	25.0
941.800000	34.00	---	46.00	12.00	V	28.4



(802.11n_5220MHz, Antenna Vertical, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1499.364508	33.04	---	74.00	40.96	V	-15.6
2438.349350	35.87	---	68.20	32.33	V	-11.4
3243.241598	39.06	---	68.20	29.14	V	-7.4
3906.476588	40.00	---	74.00	34.00	V	-5.4
3906.476588	---	27.63	54.00	26.37	V	-5.4
5546.464375	42.78	---	68.20	25.42	V	-2.4
7513.468043	---	29.92	54.00	24.08	V	-0.1
7513.468043	42.45	---	74.00	31.55	V	-0.1

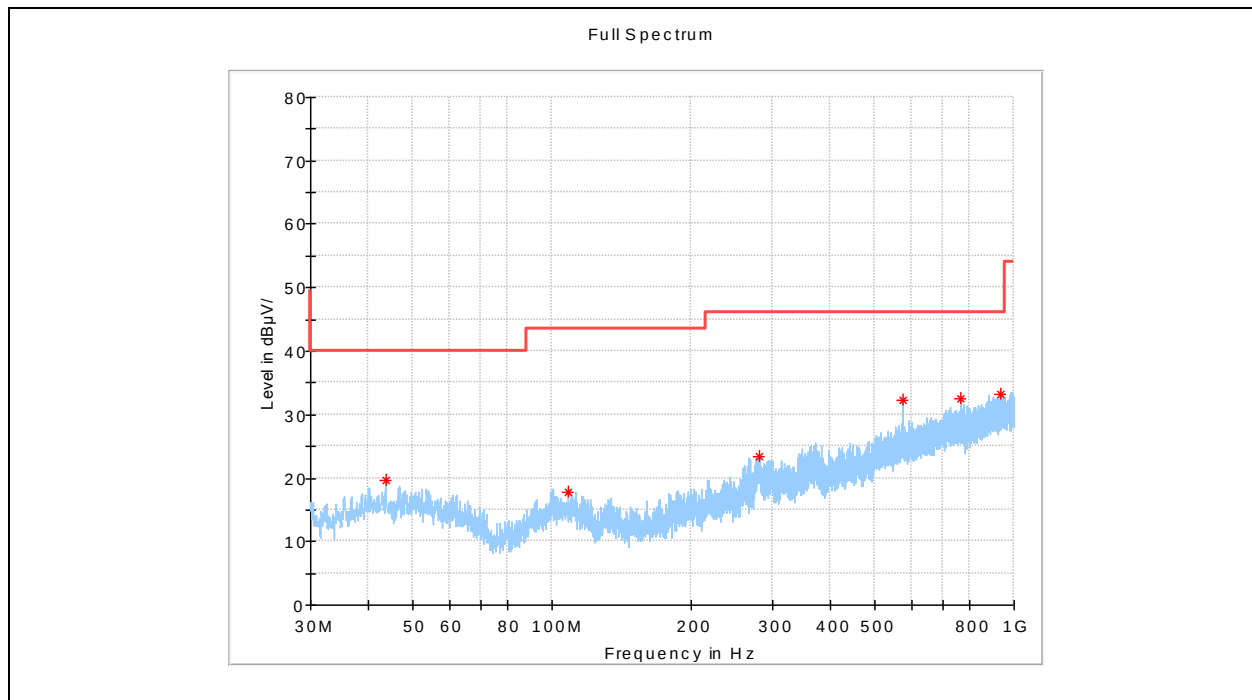


(802.11n _5220MHz, Antenna Vertical, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8940.000000	43.92	---	68.20	24.28	V	1.7
10440.00000	43.40	---	68.20	24.80	V	2.8
12440.00000	---	32.25	54.00	21.75	V	4.7
12440.00000	44.89	---	74.00	29.11	V	4.7
14400.00000	46.62	---	68.20	21.58	V	9.0
16335.00000	48.87	---	68.20	19.33	V	11.4
17140.00000	46.75	---	68.20	21.45	V	12.2

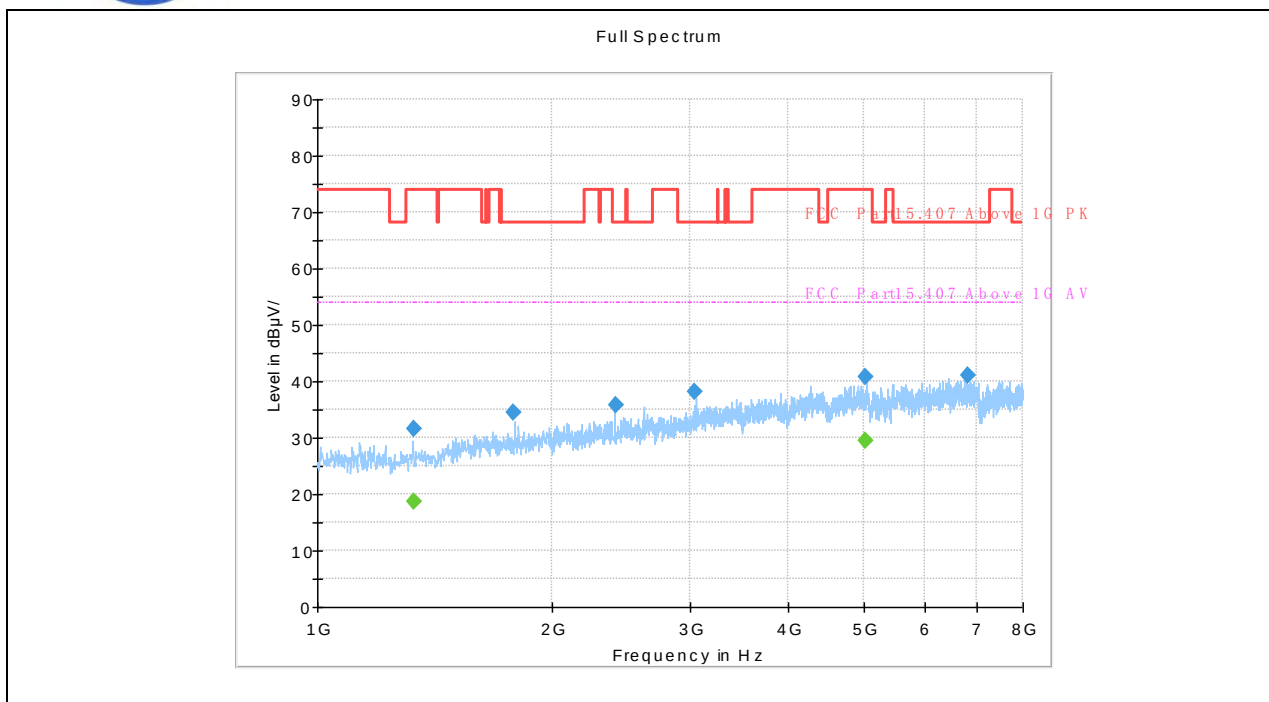


Plot for Channel = 48



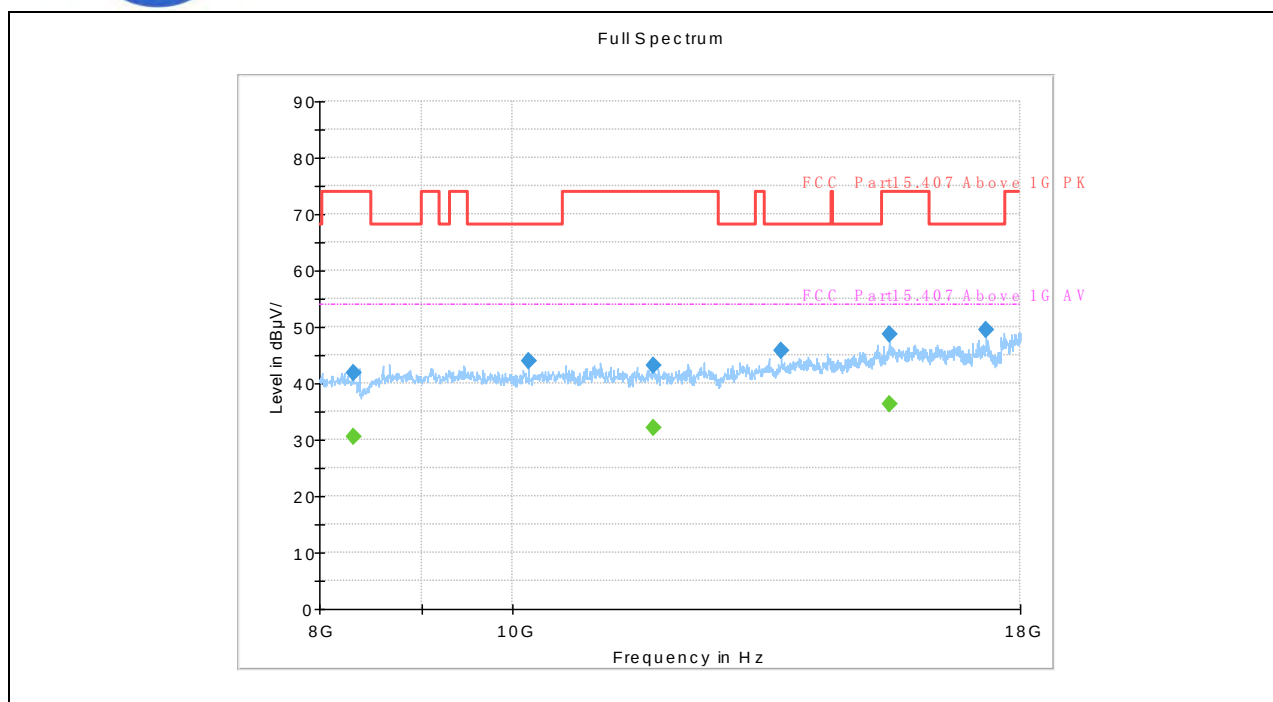
(802.11n _5240MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
43.620417	19.72	---	40.00	20.28	H	15.3
108.570000	17.89	---	43.50	25.61	H	14.7
280.260000	23.42	---	46.00	22.58	H	16.7
575.988750	32.20	---	46.00	13.80	H	23.0
766.027917	32.61	---	46.00	13.39	H	26.2
934.282500	33.11	---	46.00	12.89	H	28.2



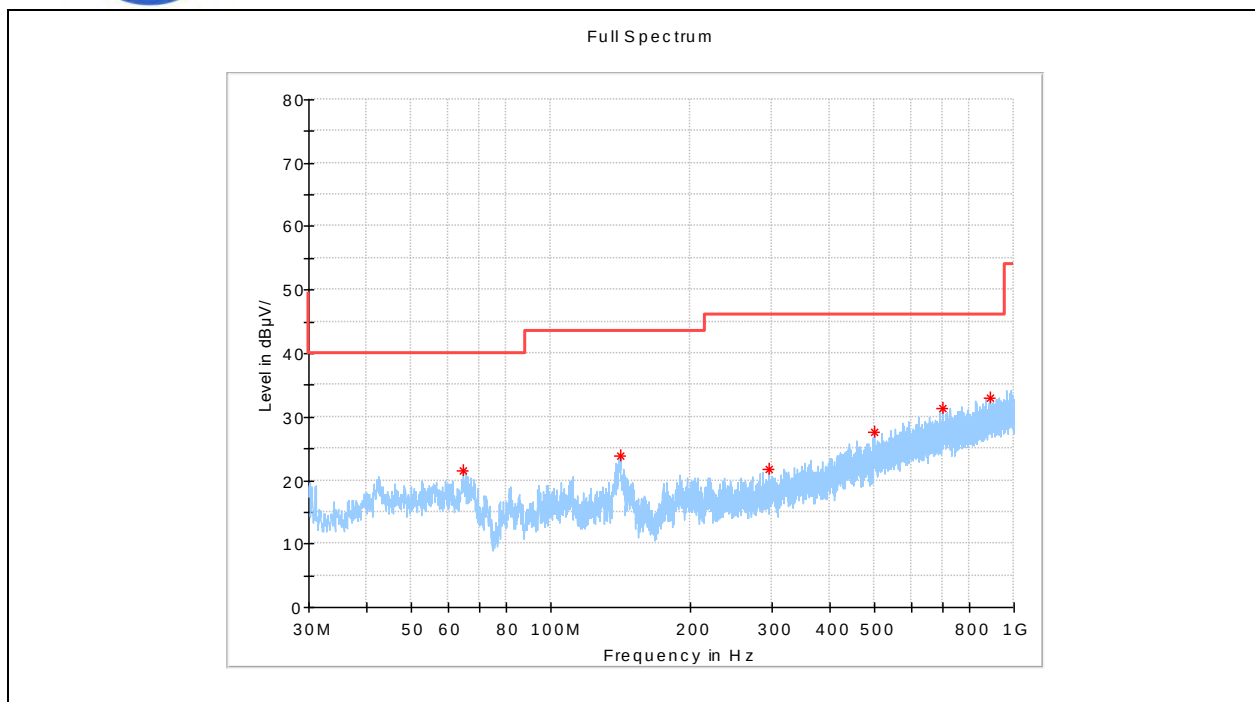
(802.11n_5240MHz, Antenna Horizontal, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1326.494125	---	18.78	54.00	35.22	H	-17.2
1326.494125	31.48	---	74.00	42.52	H	-17.2
1785.810263	34.58	---	68.20	33.62	H	-13.8
2405.942227	35.87	---	68.20	32.33	H	-11.3
3046.303150	38.13	---	68.20	30.07	H	-8.1
5039.418450	40.70	---	74.00	33.30	H	-2.9
5039.418450	---	29.57	54.00	24.43	H	-2.9
6801.810580	41.18	---	68.20	27.02	H	-1.5



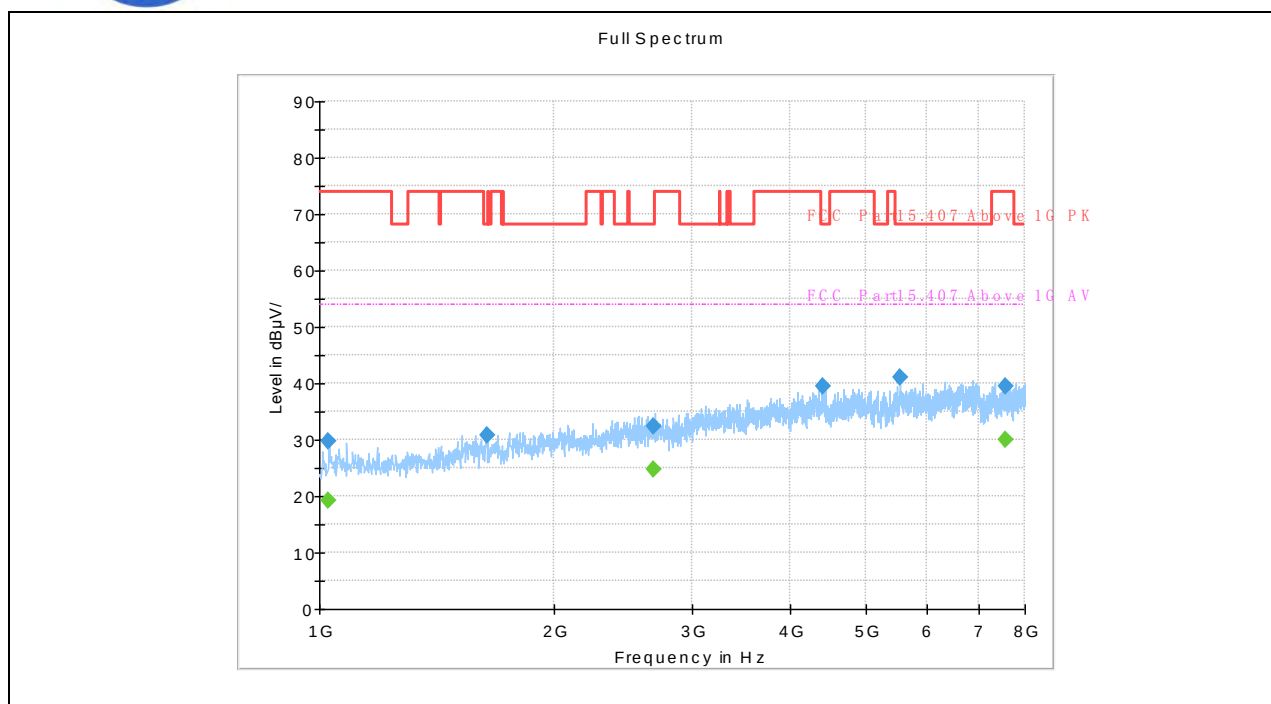
(802.11n _5240MHz, Antenna Horizontal, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8320.000000	41.97	---	74.00	32.03	H	1.5
8320.000000	---	30.54	54.00	23.46	H	1.5
10190.000000	43.92	---	68.20	24.28	H	2.3
11775.000000	43.07	---	74.00	30.93	H	3.9
11775.000000	---	32.13	54.00	21.87	H	3.9
13655.000000	45.75	---	68.20	22.45	H	7.2
15465.000000	---	36.30	54.00	17.70	H	10.9
15465.000000	48.69	---	74.00	25.31	H	10.9
17300.000000	49.44	---	68.20	18.76	H	13.0



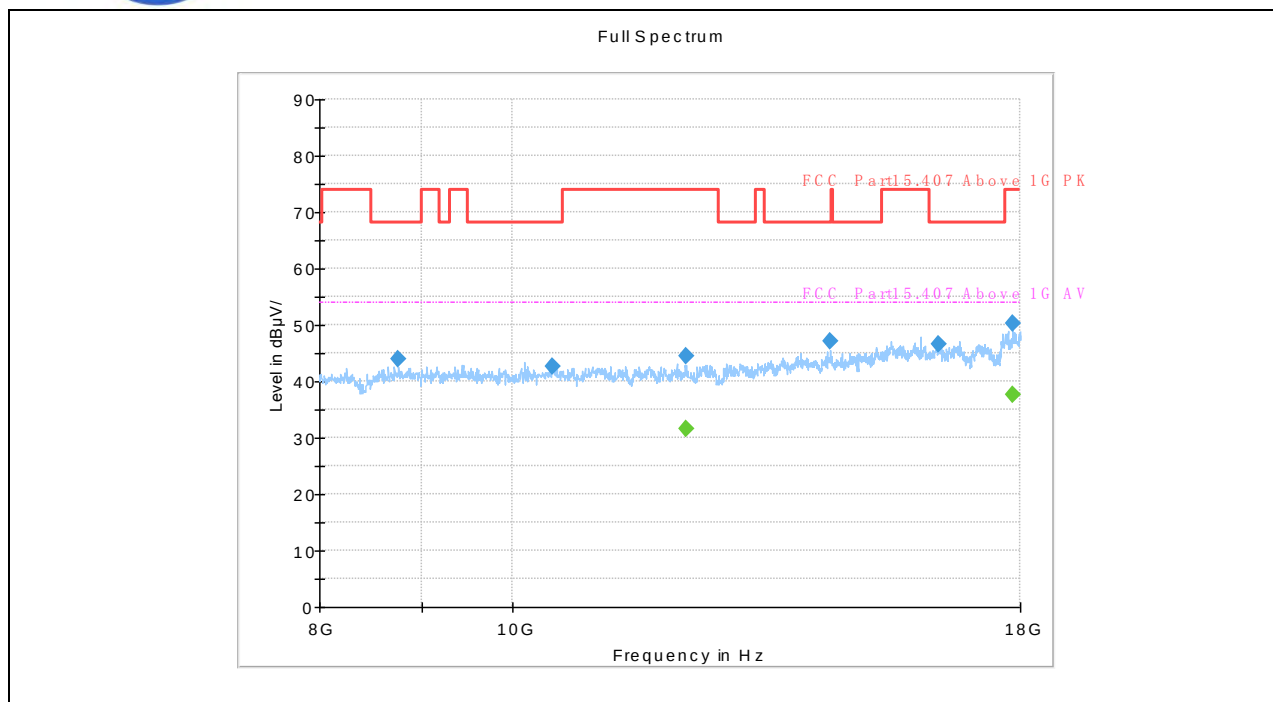
(802.11n _5240MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
64.637083	21.51	---	40.00	18.49	V	13.5
140.943750	23.77	---	43.50	19.73	V	11.8
295.618333	21.82	---	46.00	24.18	V	16.0
500.854167	27.59	---	46.00	18.41	V	22.0
703.624583	31.45	---	46.00	14.55	V	24.9
890.187917	33.09	---	46.00	12.91	V	27.9



(802.11a _5240MHz, Antenna Vertical, 1GHz to 8GHz)

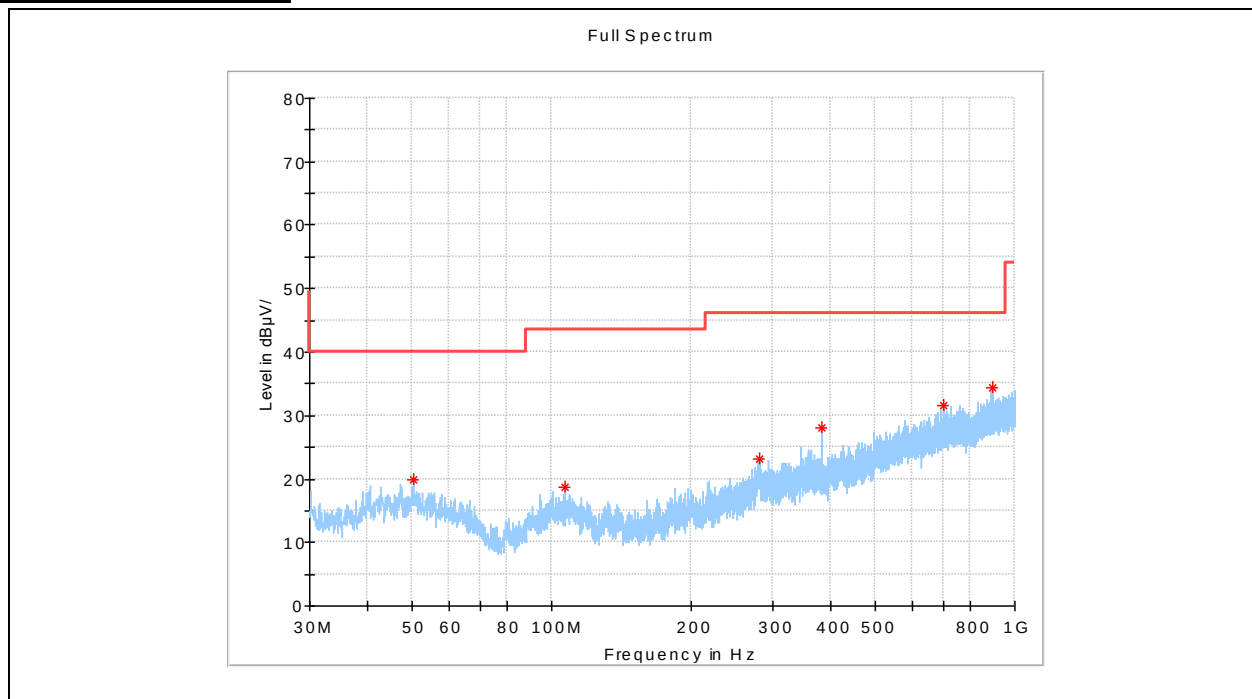
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1028.120790	29.79	---	74.00	42.21	V	-17.9
1028.120790	---	19.09	54.00	34.91	V	-17.9
1643.383118	30.84	---	68.20	37.36	V	-14.6
2679.812036	32.46	---	68.20	35.74	V	-9.4
2679.812036	---	24.86	54.00	29.14	V	-9.4
4401.272640	39.58	---	68.20	28.62	V	-4.3
5535.244616	41.10	---	68.20	27.10	V	-2.5
7566.388766	39.60	---	74.00	34.40	V	-0.1
7566.388766	---	30.04	54.00	23.96	V	-0.1



(802.11n _5240MHz, Antenna Vertical, 8GHz to 18GHz)

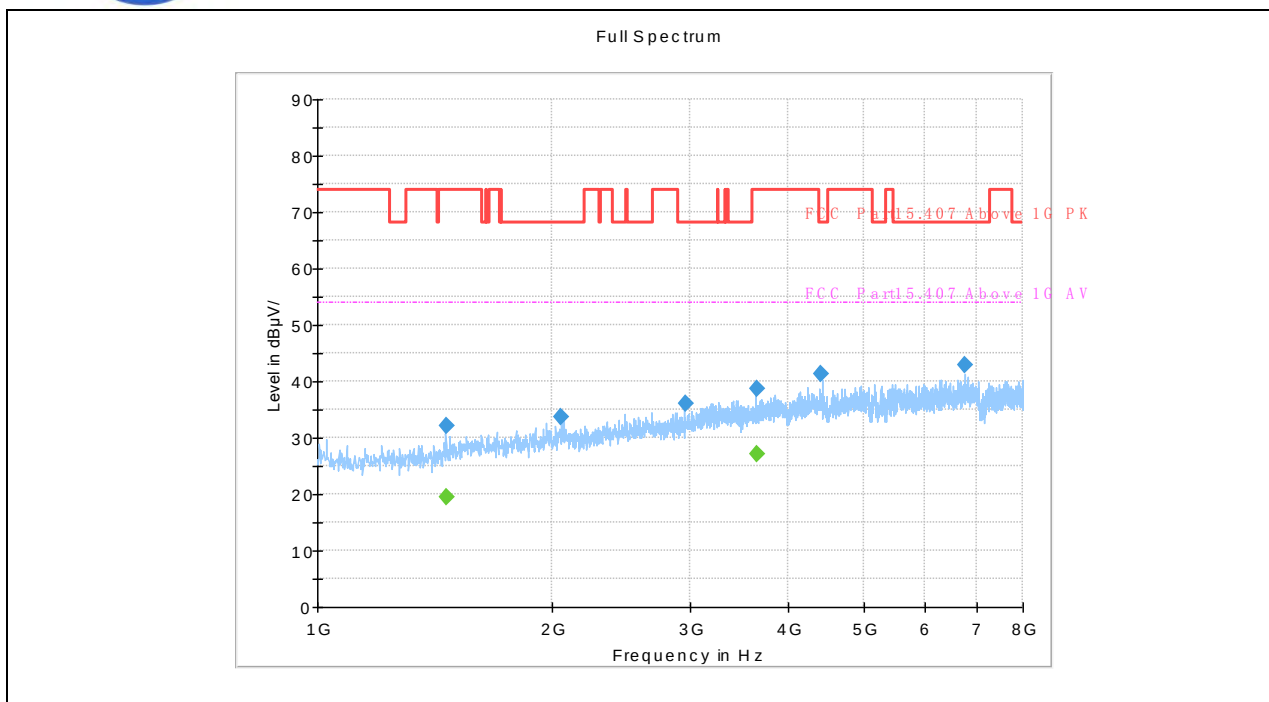
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8770.000000	44.06	---	68.20	24.14	V	1.7
10470.00000	42.61	---	68.20	25.59	V	3.0
12225.00000	---	31.52	54.00	22.48	V	4.1
12225.00000	44.50	---	74.00	29.50	V	4.1
14440.00000	46.99	---	68.20	21.21	V	8.5
16390.00000	46.68	---	68.20	21.52	V	11.4
17845.00000	50.14	---	74.00	23.86	V	15.2
17845.00000	---	37.66	54.00	16.34	V	15.2

Plots for Channel = 52



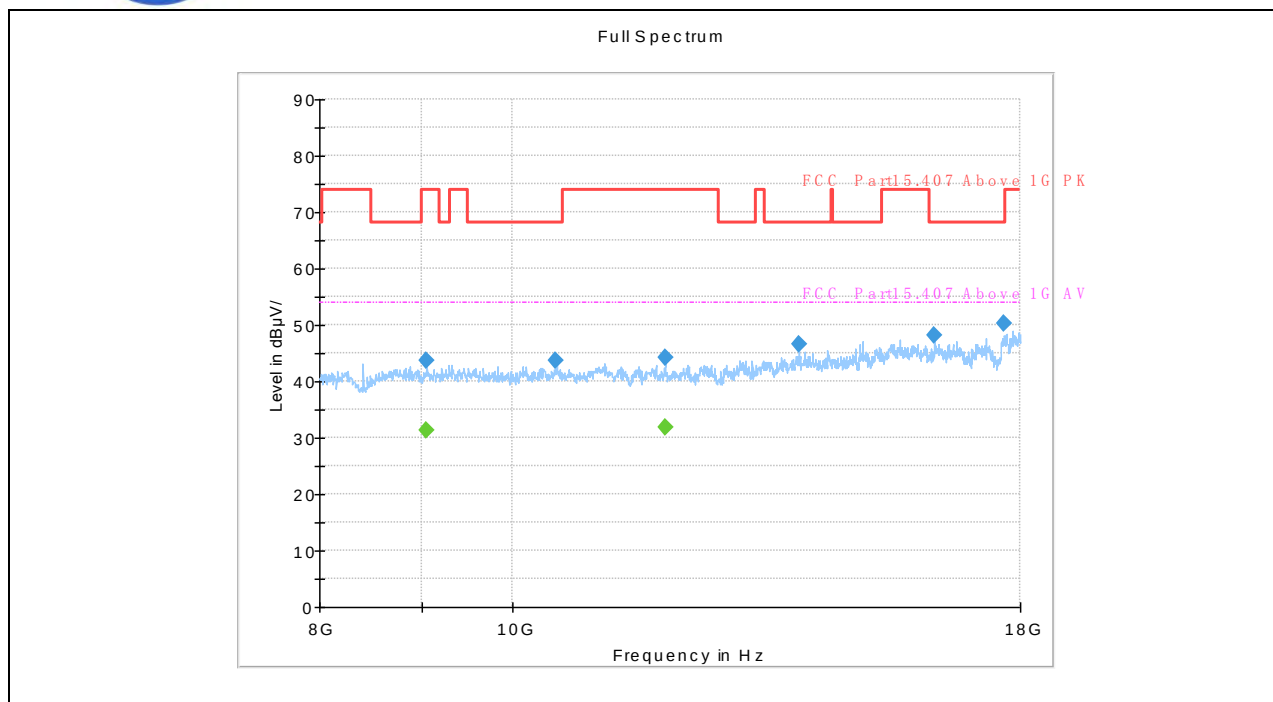
(802.11n _5260MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
50.208333	19.99	---	40.00	20.01	H	16.1
106.751250	18.80	---	43.50	24.70	H	14.4
280.219583	23.14	---	46.00	22.86	H	16.7
384.009583	27.99	---	46.00	18.01	H	18.7
702.412083	31.67	---	46.00	14.33	H	24.9
897.382083	34.38	---	46.00	11.62	H	28.0



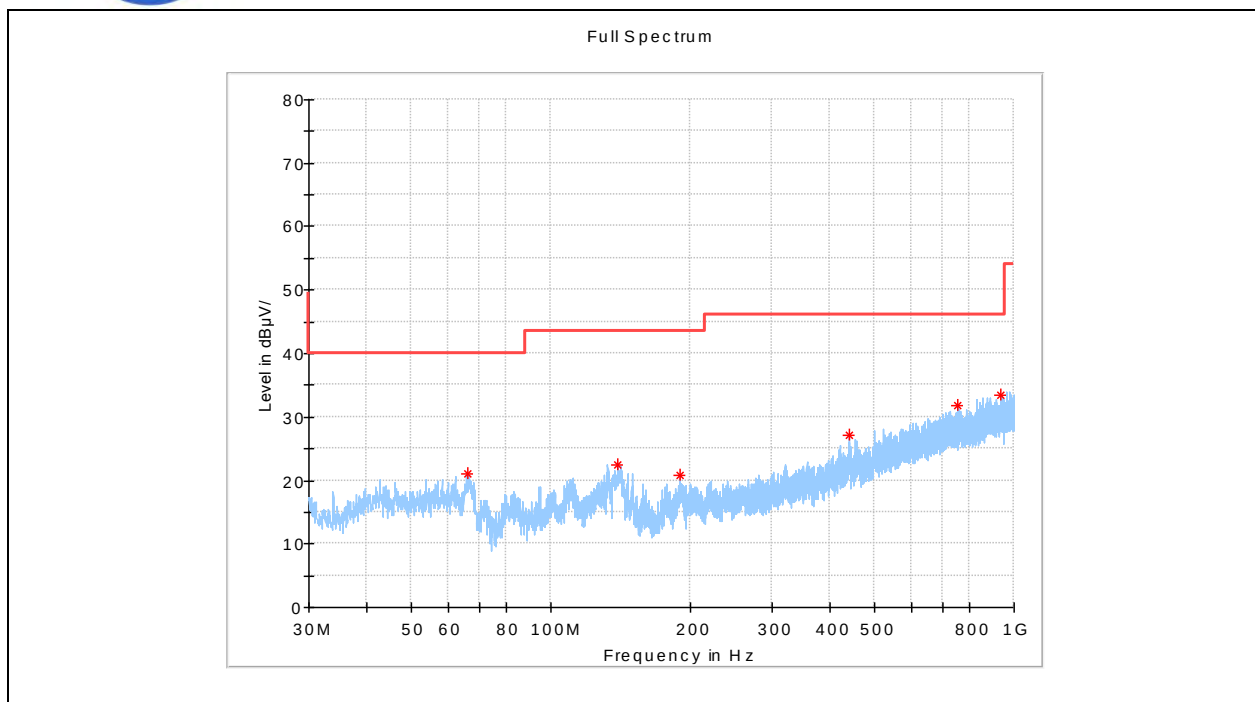
(802.11n _5260MHz, Antenna Horizontal, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1465.211030	---	19.59	54.00	34.41	H	-16.1
1465.211030	32.05	---	74.00	41.95	H	-16.1
2046.967544	33.63	---	68.20	34.57	H	-12.1
2958.805072	35.94	---	68.20	32.26	H	-8.9
3656.153024	38.65	---	74.00	35.35	H	-6.3
3656.153024	---	27.23	54.00	26.77	H	-6.3
4406.869364	41.37	---	68.20	26.83	H	-4.3
6731.052650	42.80	---	68.20	25.40	H	-1.4



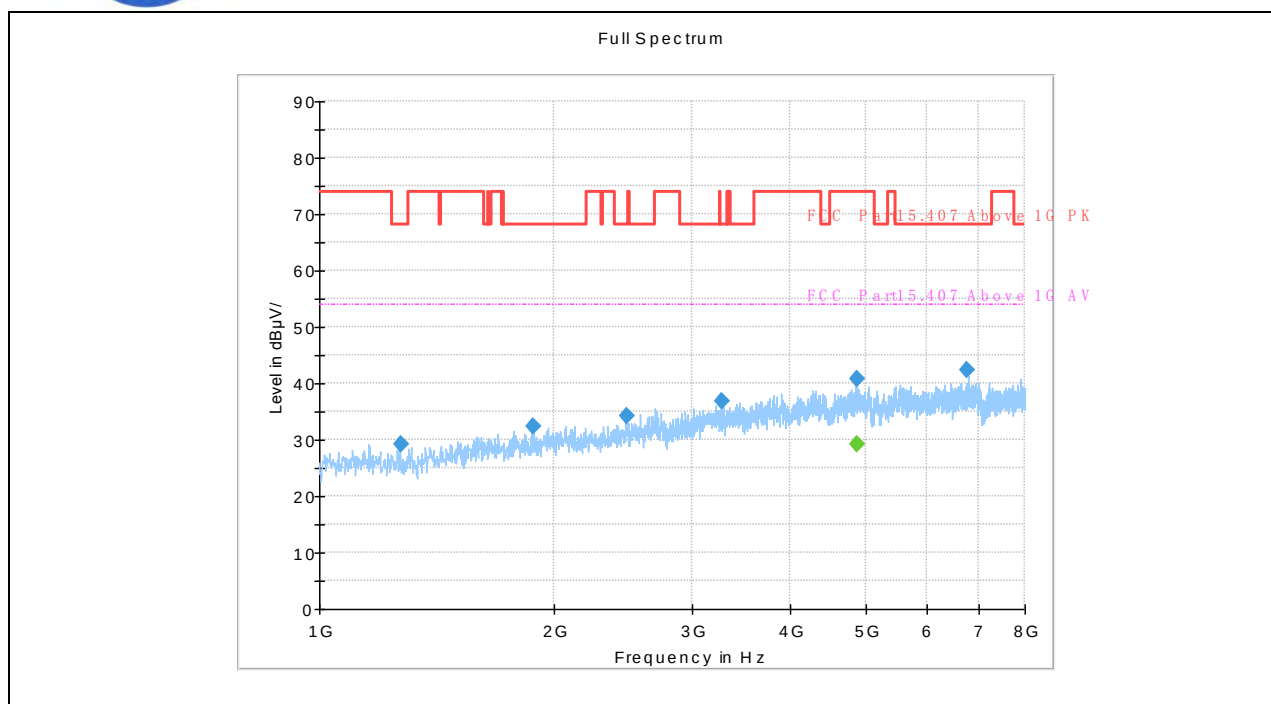
(802.11n _5260MHz, Antenna Horizontal, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
9060.000000	43.74	---	74.00	30.26	H	1.5
9060.000000	---	31.32	54.00	22.68	H	1.5
10520.000000	43.67	---	68.20	24.54	H	3.1
11935.000000	---	31.84	54.00	22.16	H	3.7
11935.000000	44.11	---	74.00	29.89	H	3.7
13930.000000	46.52	---	68.20	21.68	H	7.9
16305.000000	48.27	---	68.20	19.93	H	11.2



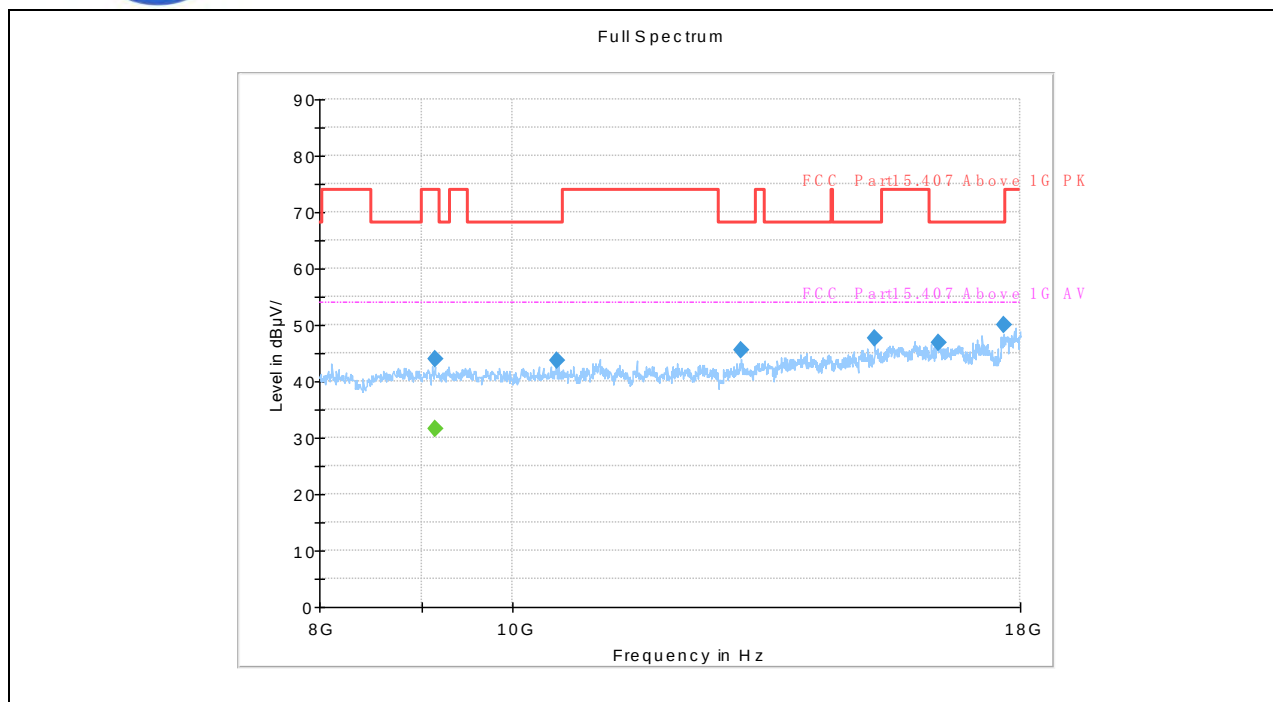
(802.11n _5260MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
66.294167	21.01	---	40.00	18.99	V	13.0
139.003750	22.56	---	43.50	20.94	V	11.8
190.252083	20.82	---	43.50	22.68	V	13.5
439.946250	27.25	---	46.00	18.75	V	20.6
755.560000	31.84	---	46.00	14.16	V	26.1
937.232917	33.34	---	46.00	12.66	V	28.3



(802.11n_5260MHz, Antenna Vertical, 1GHz to 8GHz)

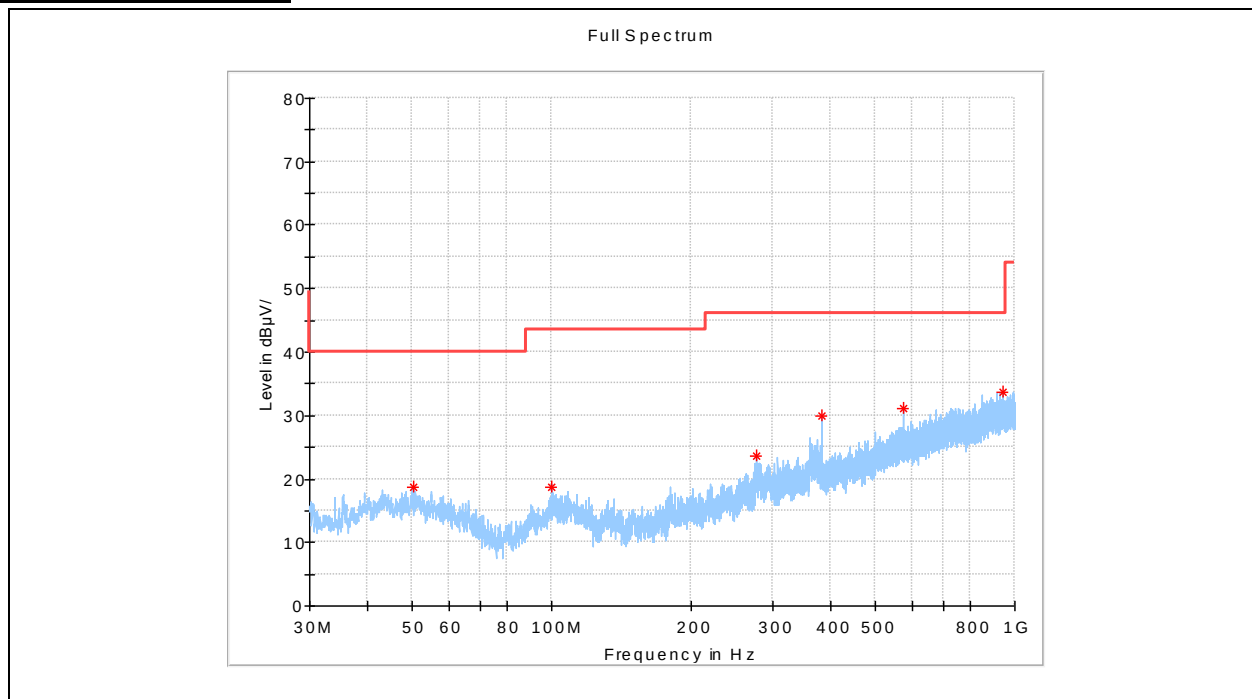
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1270.428228	29.10	---	68.20	39.10	V	-17.4
1875.514184	32.45	---	68.20	35.75	V	-13.8
2472.248820	34.29	---	68.20	33.91	V	-10.8
3272.169970	36.88	---	68.20	31.32	V	-7.4
4871.974400	40.71	---	74.00	33.29	V	-3.2
4871.974400	---	29.29	54.00	24.71	V	-3.2
6753.253863	42.32	---	68.20	25.88	V	-1.4



(802.11n_5260MHz, Antenna Vertical, 8GHz to 18GHz)

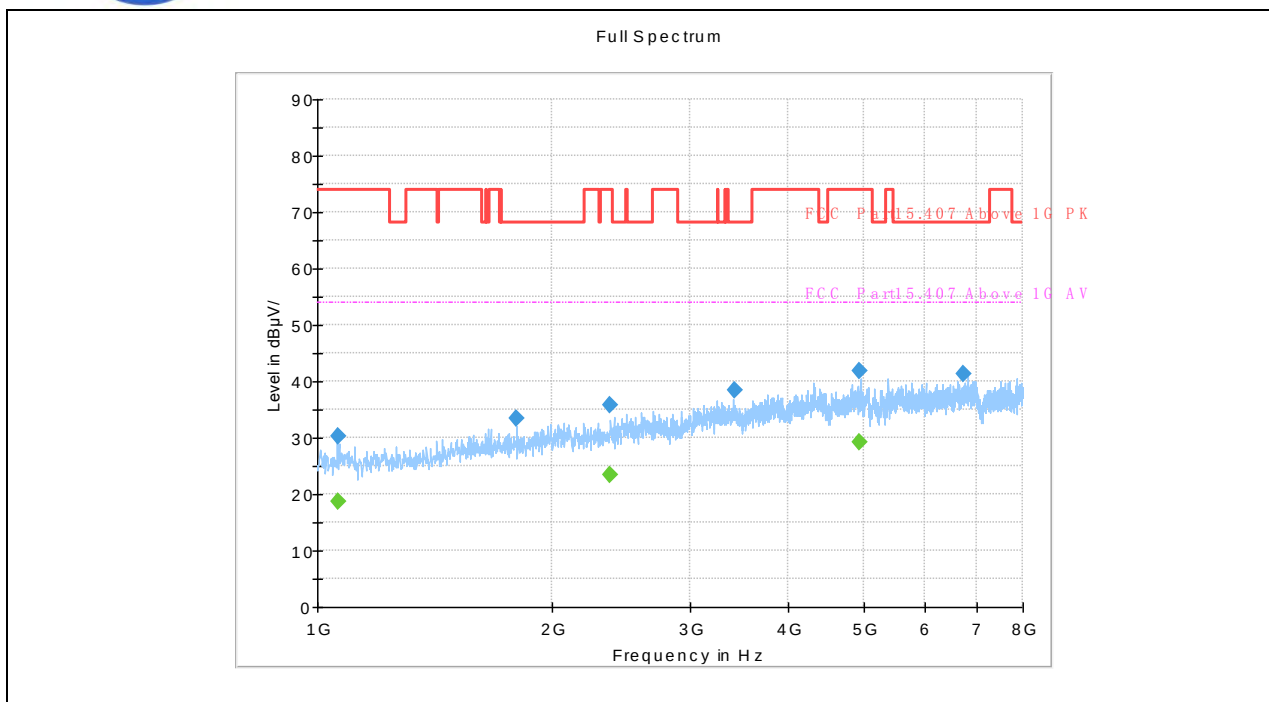
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
9140.000000	44.07	---	74.00	29.93	V	2.0
9140.000000	---	31.63	54.00	22.37	V	2.0
10525.00000	43.80	---	68.20	24.40	V	3.0
13030.00000	45.57	---	68.20	22.63	V	6.2
15215.00000	47.58	---	68.20	20.62	V	10.0
16375.00000	46.74	---	68.20	21.46	V	11.5
17650.00000	50.00	---	68.20	18.20	V	13.9

Plots for Channel = 60



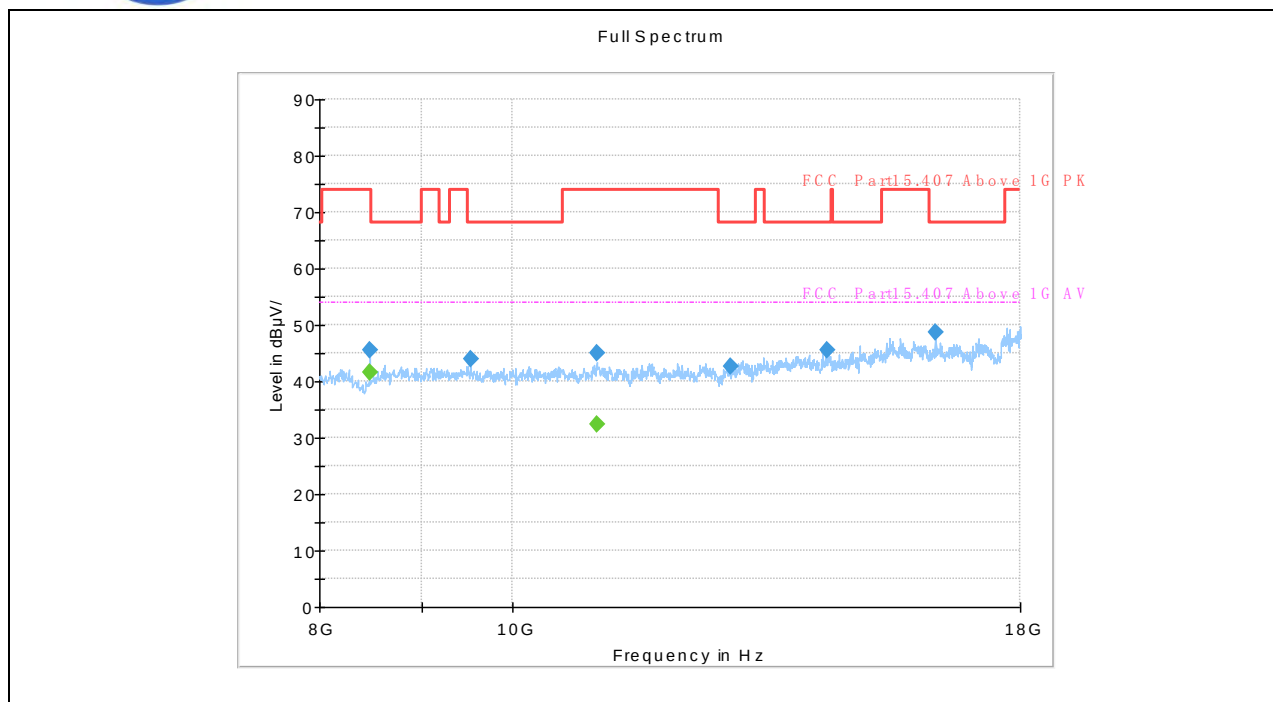
(802.11n _5300MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
50.370000	18.61	---	40.00	21.39	H	16.1
100.122917	18.79	---	43.50	24.71	H	15.2
277.632917	23.72	---	46.00	22.28	H	16.1
383.969167	29.83	---	46.00	16.17	H	18.7
575.988750	31.07	---	46.00	14.93	H	23.0
943.618750	33.79	---	46.00	12.21	H	28.4



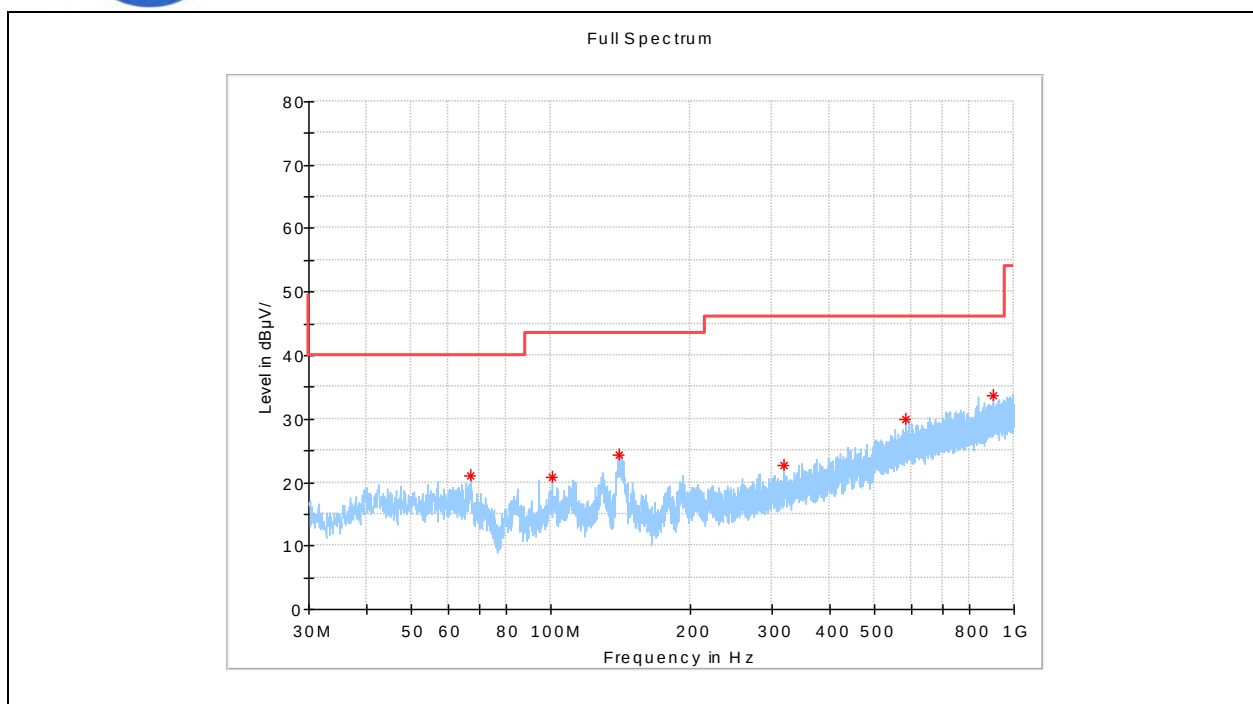
(802.11n _5300MHz, Antenna Horizontal, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1061.077555	30.20	---	74.00	43.80	H	-17.9
1061.077555	---	18.63	54.00	35.37	H	-17.9
1797.303275	33.49	---	68.20	34.71	H	-13.8
2374.064529	---	23.48	54.00	30.52	H	-10.9
2374.064529	35.85	---	74.00	38.15	H	-10.9
3421.585264	38.36	---	68.20	29.84	H	-6.8
4952.819800	41.82	---	74.00	32.18	H	-2.7
4952.819800	---	29.30	54.00	24.70	H	-2.7
6714.298184	41.41	---	68.20	26.79	H	-1.5



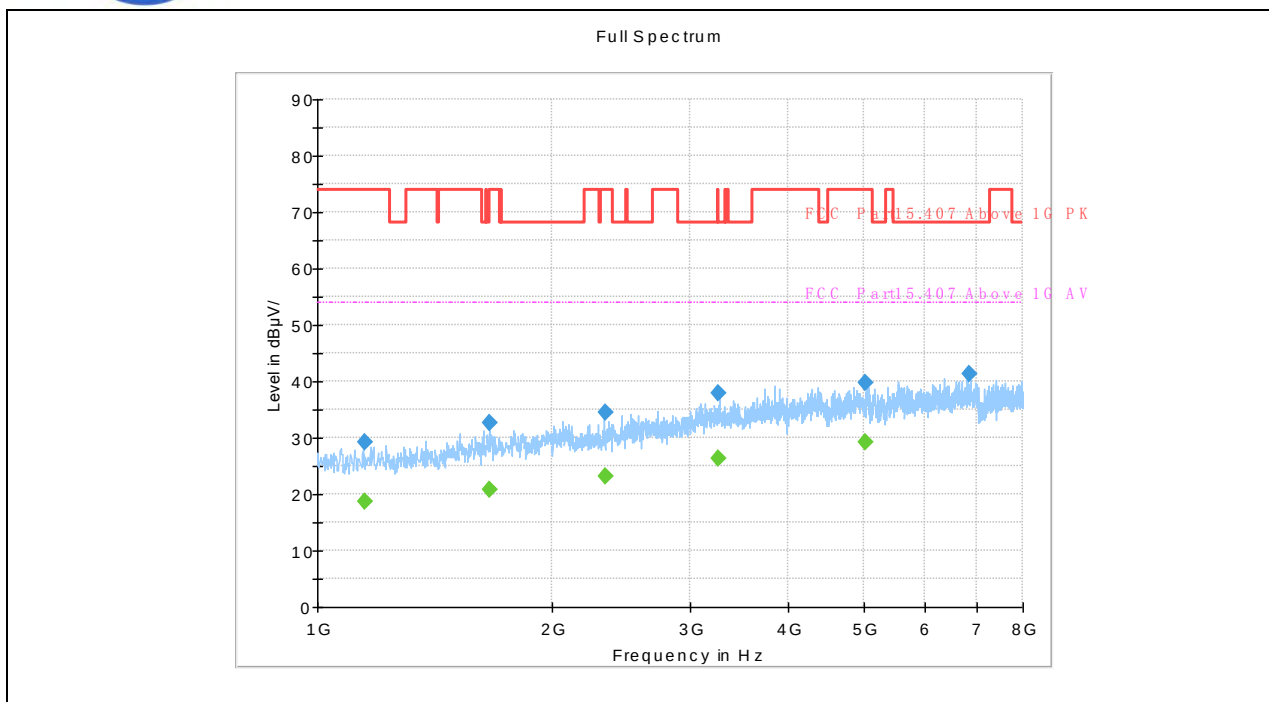
(802.11n _5300MHz, Antenna Horizontal, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8480.000000	---	41.68	54.00	12.32	H	1.0
8480.000000	45.66	---	74.00	28.34	H	1.0
9525.000000	43.93	---	68.20	24.27	H	2.1
11025.000000	45.06	---	74.00	28.94	H	3.6
11025.000000	---	32.46	54.00	21.54	H	3.6
12870.000000	42.74	---	68.20	25.46	H	5.2
14400.000000	45.64	---	68.20	22.56	H	9.0
16310.000000	48.56	---	68.20	19.64	H	11.2

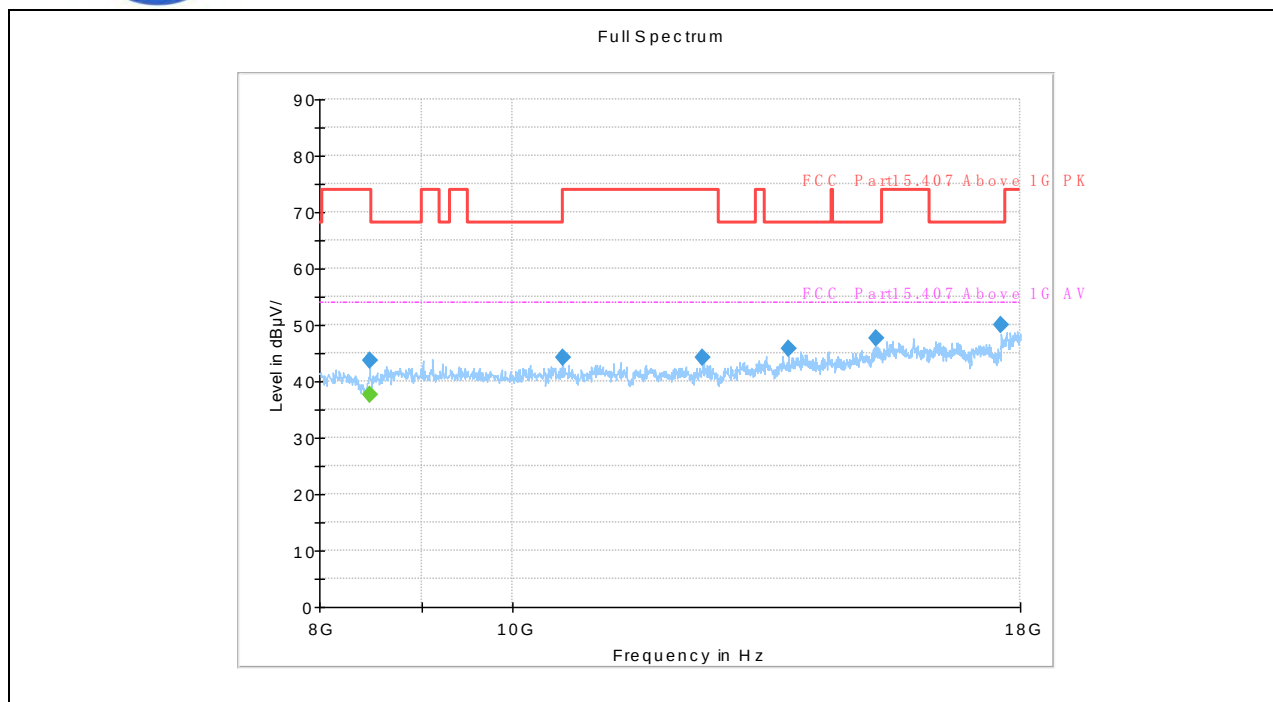


(802.11n _5300MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
67.264167	21.09	---	40.00	18.91	V	12.7
100.446250	20.76	---	43.50	22.74	V	15.1
140.337500	24.27	---	43.50	19.23	V	12.0
319.181250	22.68	---	46.00	23.32	V	17.8
584.557083	30.00	---	46.00	16.00	V	23.1
904.374167	33.72	---	46.00	12.28	V	28.1



Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1148.571423	29.15	---	74.00	44.85	V	-17.7
1148.571423	---	18.76	54.00	35.24	V	-17.7
1660.845468	32.63	---	74.00	41.37	V	-14.6
1660.845468	---	20.90	54.00	33.10	V	-14.6
2339.850257	34.54	---	74.00	39.46	V	-11.5
2339.850257	---	23.14	54.00	30.86	V	-11.5
3261.938864	37.81	---	74.00	36.19	V	-7.4
3261.938864	---	26.27	54.00	27.73	V	-7.4
5036.626776	---	29.24	54.00	24.76	V	-3.0
5036.626776	39.73	---	74.00	34.27	V	-3.0
6830.030768	41.34	---	68.20	26.86	V	-1.5

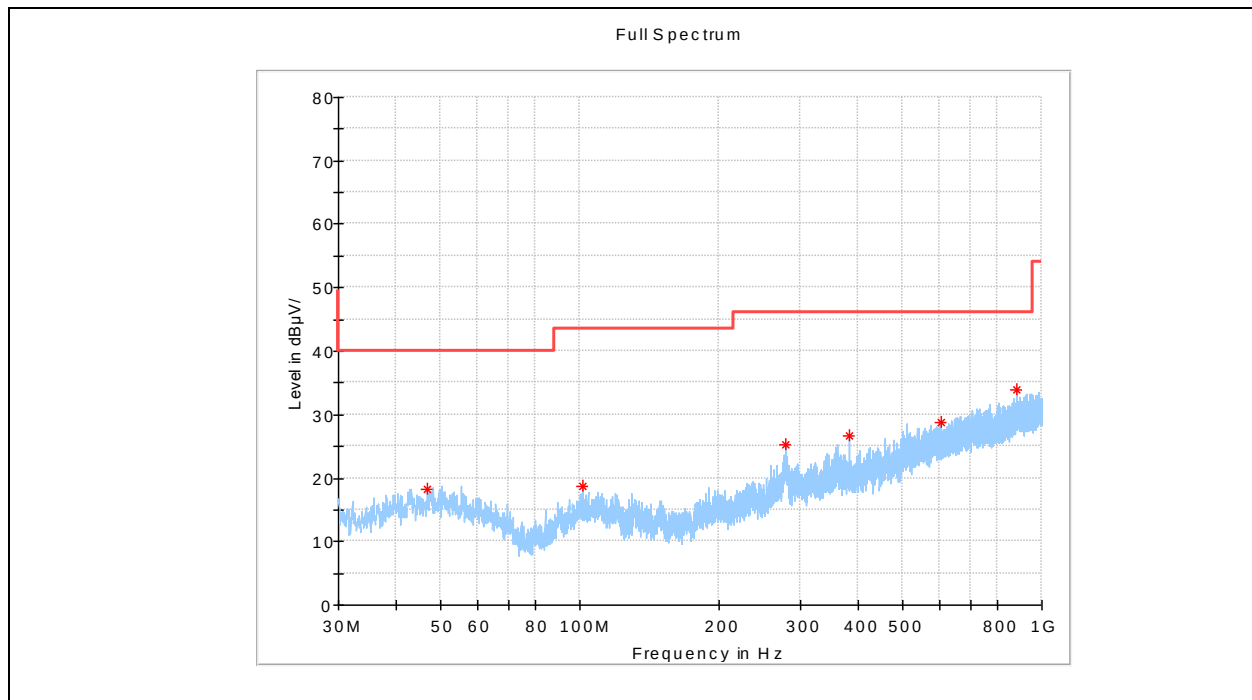


(802.11n _5300MHz, Antenna Vertical, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8480.000000	---	37.69	54.00	16.31	V	1.0
8480.000000	43.63	---	74.00	30.37	V	1.0
10595.00000	44.33	---	68.20	23.87	V	2.7
12460.00000	44.25	---	74.00	29.75	V	4.9
13765.00000	45.91	---	68.20	22.29	V	7.1
15225.00000	47.76	---	68.20	20.44	V	10.0
17615.00000	50.01	---	68.20	18.19	V	13.5

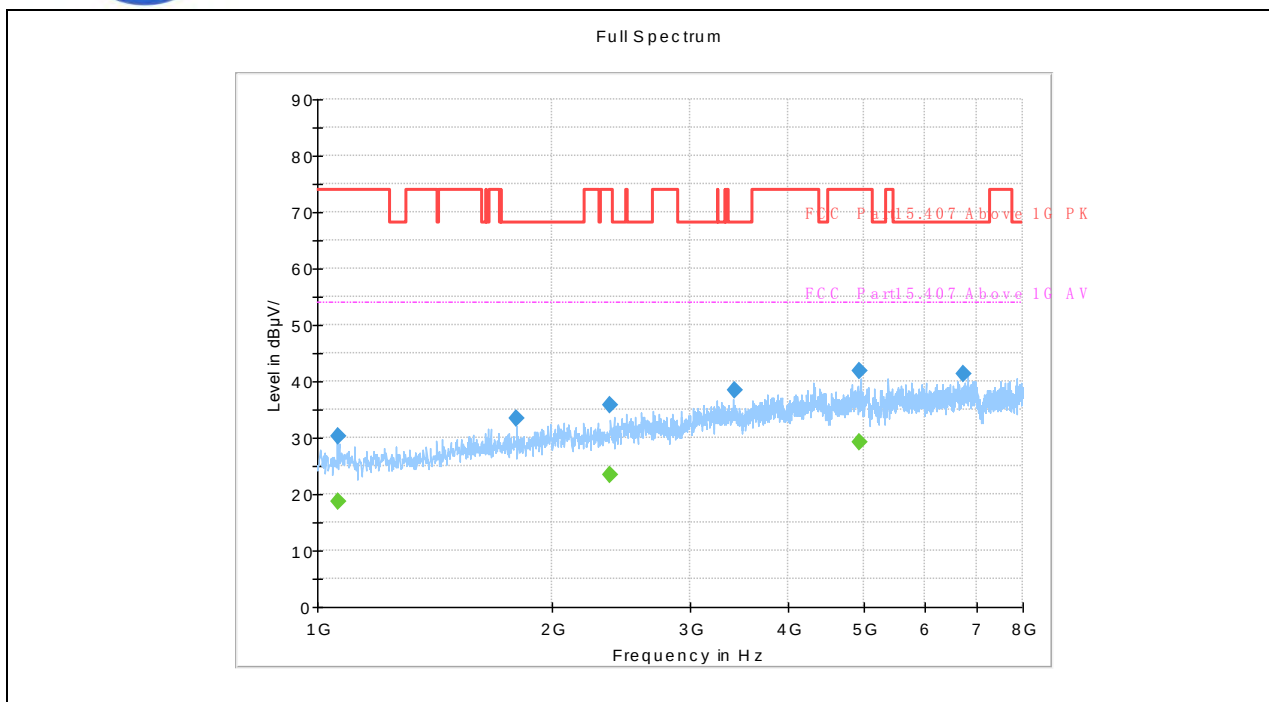


Plot for Channel = 64



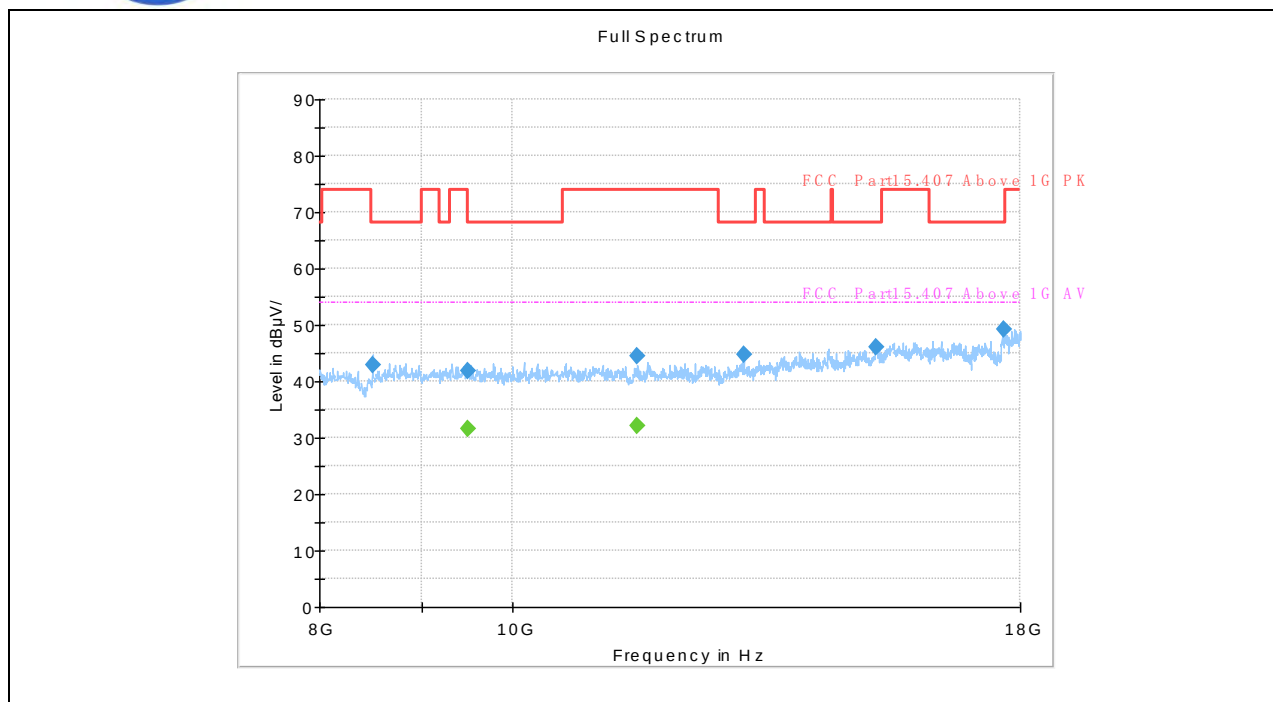
(802.11n _5320MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
52.390833	18.46	---	40.00	21.54	H	15.4
129.748333	18.11	---	43.50	25.39	H	12.3
281.634167	24.60	---	46.00	21.40	H	16.5
482.464583	27.21	---	46.00	18.79	H	21.2
763.360417	32.24	---	46.00	13.76	H	26.2
889.217917	33.03	---	46.00	12.97	H	27.8



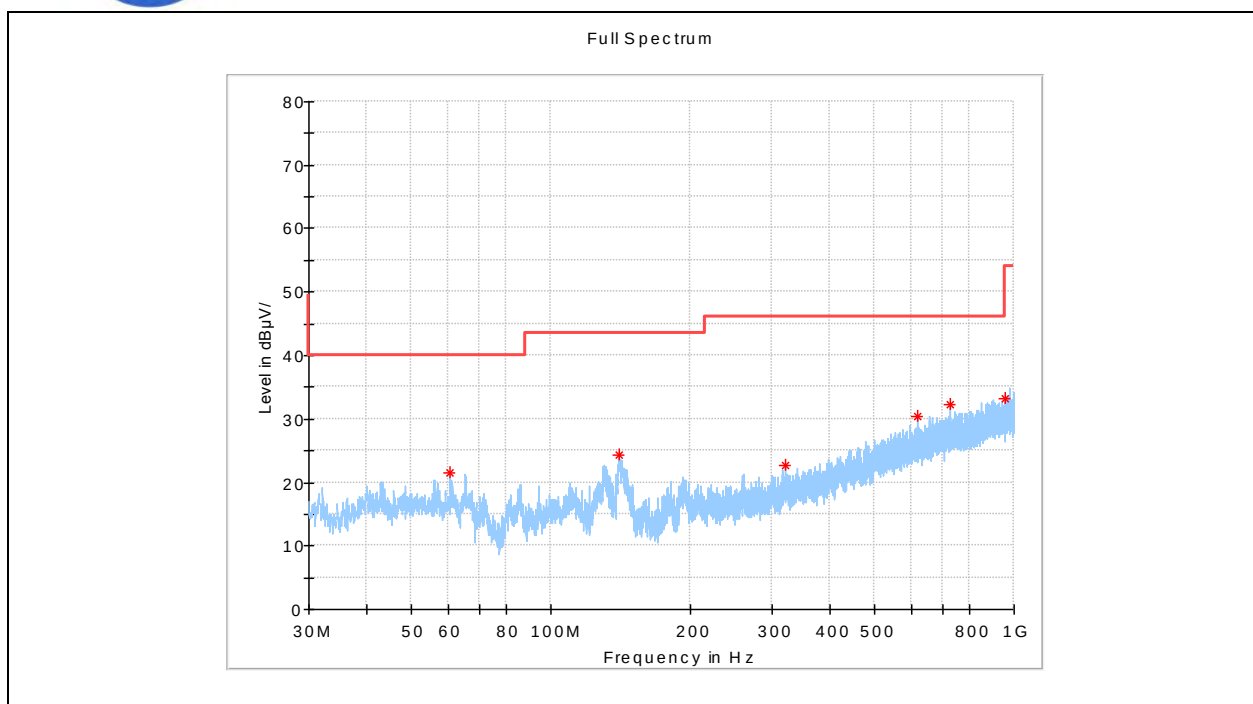
(802.11n _5230MHz, Antenna Horizontal, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1061.077555	30.20	---	74.00	43.80	H	-17.9
1061.077555	---	18.63	54.00	35.37	H	-17.9
1797.303275	33.49	---	68.20	34.71	H	-13.8
2374.064529	---	23.48	54.00	30.52	H	-10.9
2374.064529	35.85	---	74.00	38.15	H	-10.9
3421.585264	38.36	---	68.20	29.84	H	-6.8
4952.819800	41.82	---	74.00	32.18	H	-2.7
4952.819800	---	29.30	54.00	24.70	H	-2.7
6714.298184	41.41	---	68.20	26.79	H	-1.5



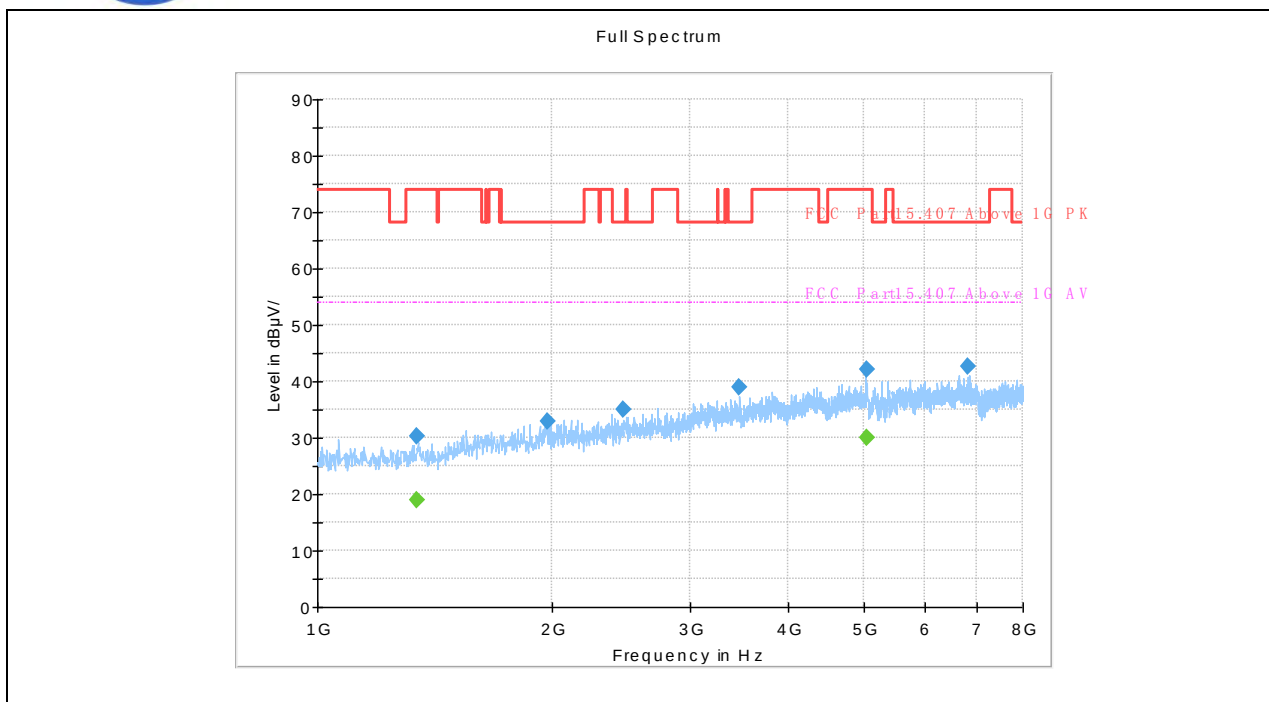
(802.11n _5320MHz, Antenna Horizontal, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8510.000000	42.80	---	68.20	25.40	H	1.2
9495.000000	41.83	---	74.00	32.17	H	1.9
9495.000000	---	31.47	54.00	22.53	H	1.9
11560.00000	44.46	---	74.00	29.54	H	4.1
11560.00000	---	32.08	54.00	21.92	H	4.1
13075.00000	44.75	---	68.20	23.45	H	6.2
15235.00000	46.07	---	68.20	22.13	H	10.0
17675.00000	49.18	---	68.20	19.02	H	14.1

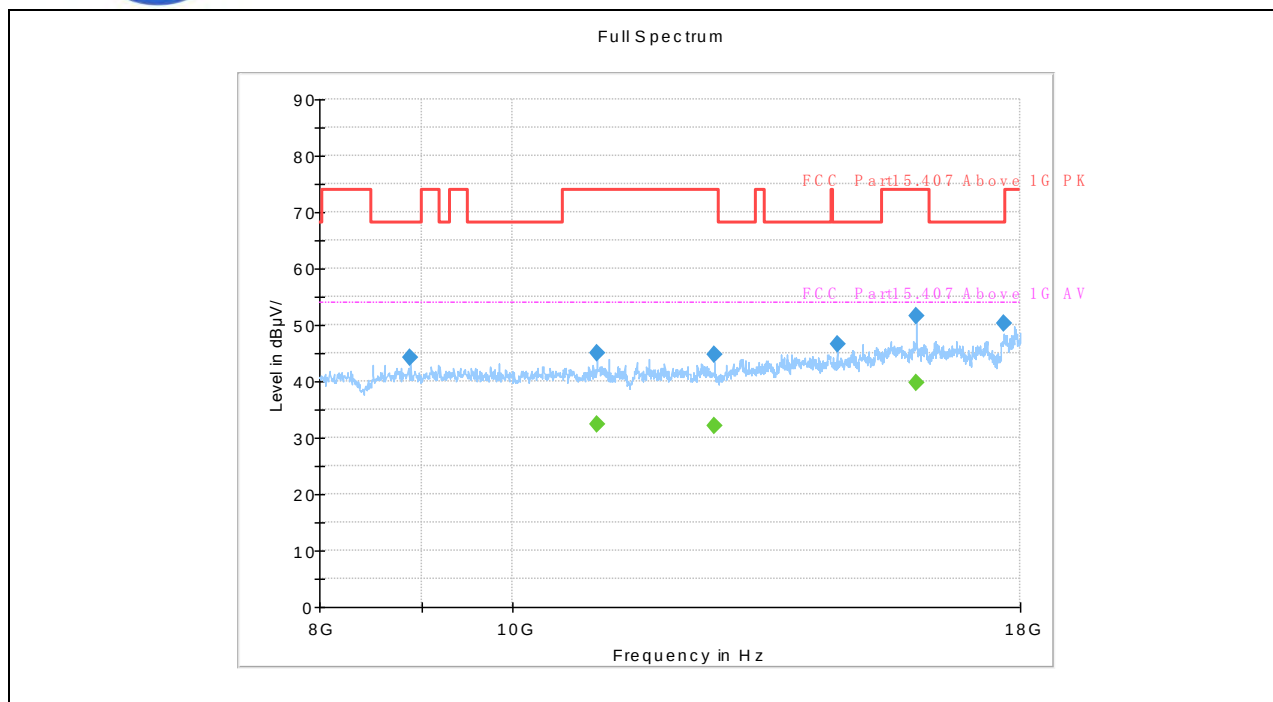


(802.11a _5320MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
60.514583	21.46	---	40.00	18.54	V	14.5
139.892917	24.29	---	43.50	19.21	V	12.0
319.787500	22.79	---	46.00	23.21	V	18.0
617.173333	30.47	---	46.00	15.53	V	23.7
729.531667	32.22	---	46.00	13.78	V	25.4
959.987500	33.33	---	46.00	12.67	V	28.2



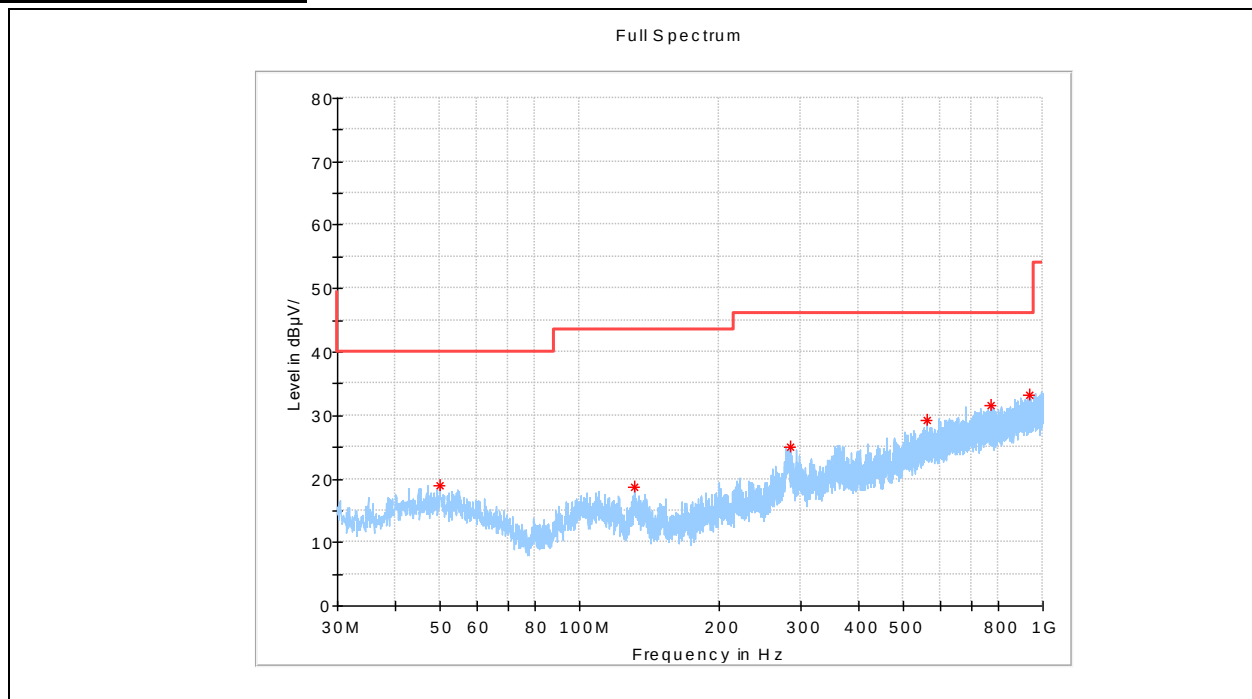
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1340.856804	---	18.93	54.00	35.07	V	-17.1
1340.856804	30.21	---	74.00	43.79	V	-17.1
1968.271700	32.97	---	68.20	35.23	V	-12.9
2464.399608	34.90	---	68.20	33.30	V	-11.0
3461.765958	39.00	---	68.20	29.20	V	-7.1
5052.205271	---	29.96	54.00	24.04	V	-2.7
5052.205271	42.20	---	74.00	31.80	V	-2.7
6814.980848	42.75	---	68.20	25.45	V	-1.5



(802.11n _5320MHz, Antenna Vertical, 8GHz to 18GHz)

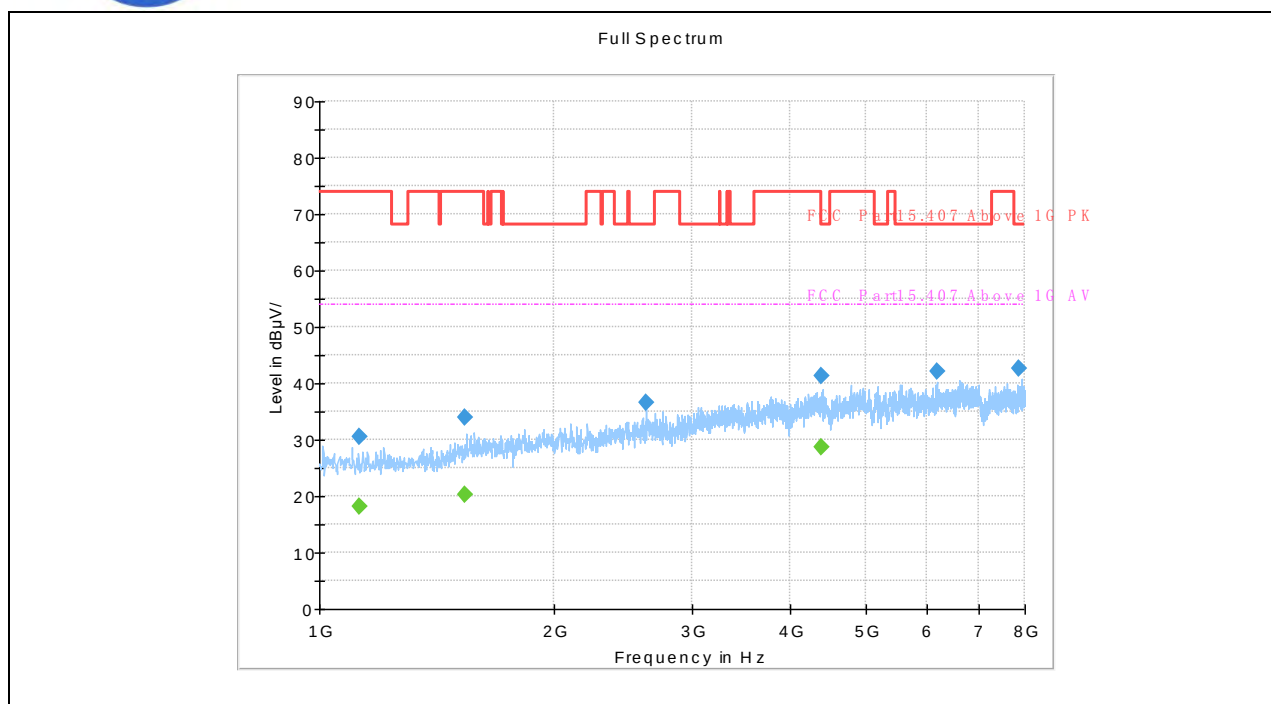
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8890.000000	44.19	---	68.20	24.01	V	1.7
11035.00000	---	32.34	54.00	21.66	V	3.5
11035.00000	44.98	---	74.00	29.02	V	3.5
12630.00000	44.86	---	74.00	29.14	V	4.9
12630.00000	---	32.04	54.00	21.96	V	4.9
14560.00000	46.58	---	68.20	21.62	V	8.5
15965.00000	51.63	---	74.00	22.37	V	11.6
15965.00000	---	39.79	54.00	14.21	V	11.6
17670.00000	50.18	---	68.20	18.02	V	14.1

Plots for Channel = 149



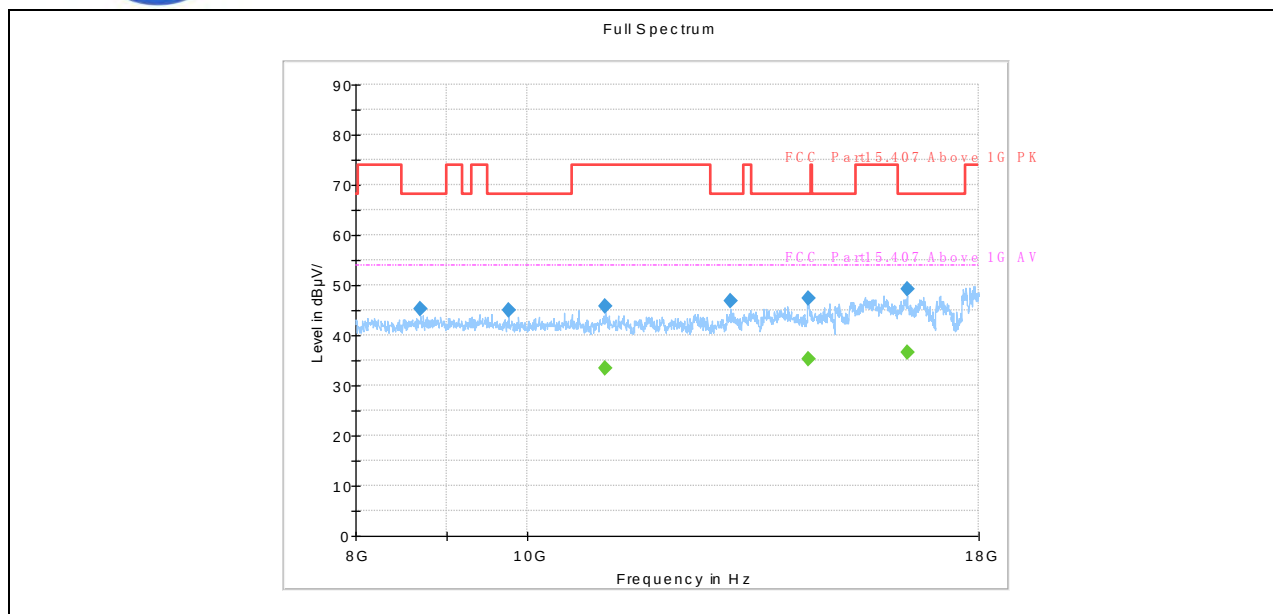
(802.11n _5745MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
49.925417	19.06	---	40.00	20.94	H	16.2
131.203333	18.78	---	43.50	24.72	H	11.8
284.342083	24.97	---	46.00	21.03	H	15.8
563.500000	29.32	---	46.00	16.68	H	22.8
769.705833	31.55	---	46.00	14.45	H	26.2
936.182083	33.24	---	46.00	12.76	H	28.2



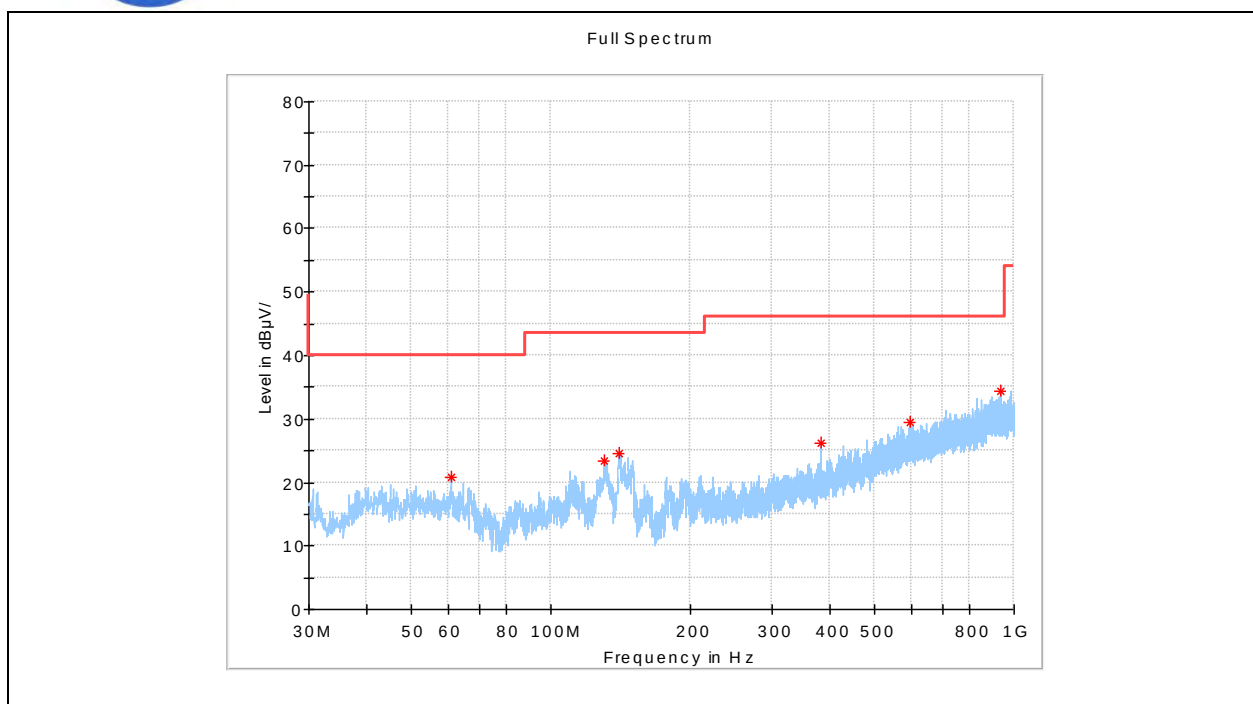
(802.11n _5745MHz, Antenna Horizontal, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1127.854325	30.51	---	74.00	43.49	H	-17.7
1127.854325	---	18.15	54.00	35.85	H	-17.7
1535.250250	33.84	---	74.00	40.16	H	-15.4
1535.250250	---	20.38	54.00	33.62	H	-15.4
2620.033212	36.70	---	68.20	31.50	H	-10.4
4391.708596	---	28.77	54.00	25.23	H	-4.2
4391.708596	41.39	---	74.00	32.61	H	-4.2
6179.000309	42.22	---	68.20	25.98	H	-2.1
7856.187538	42.55	---	68.20	25.65	H	0.0



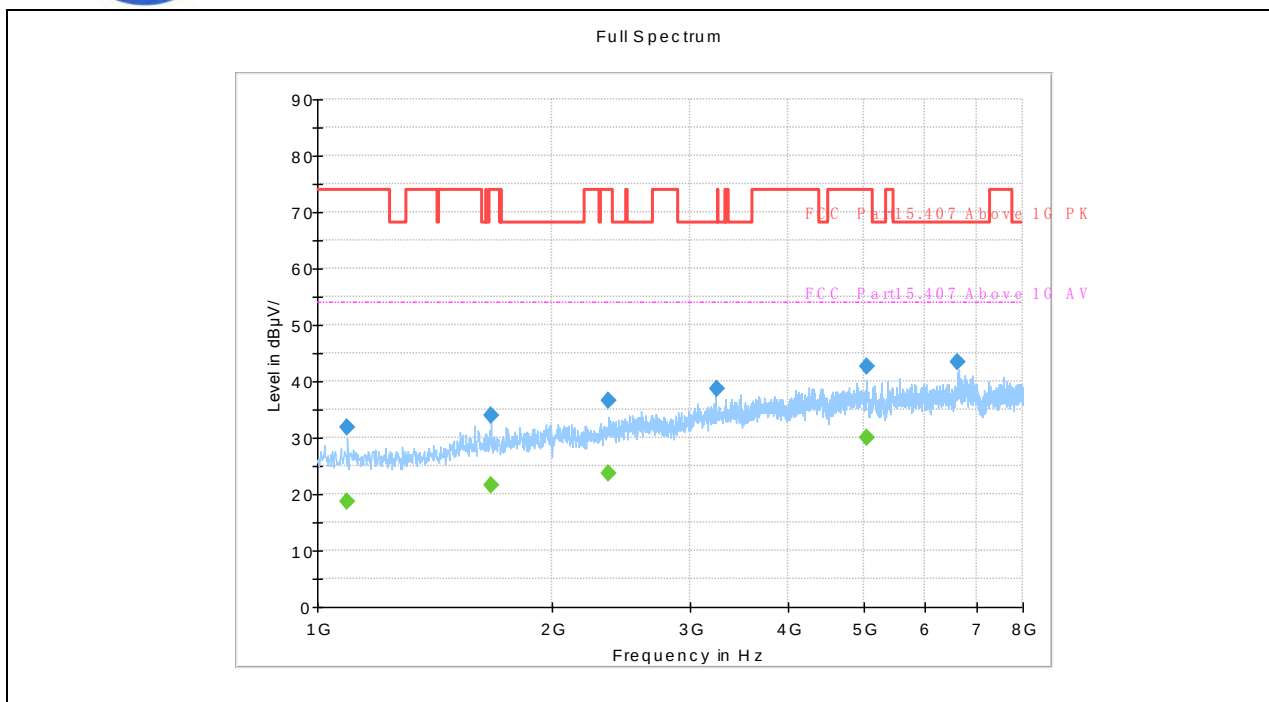
(802.11n _5745MHz, Antenna Horizontal, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8710.000000	45.14	---	68.20	23.06	H	1.7
9765.000000	44.93	---	68.20	23.27	H	2.1
11075.000000	45.92	---	74.00	28.08	H	3.7
11075.000000	---	33.45	54.00	20.55	H	3.7
13030.000000	46.81	---	68.20	21.39	H	6.2
14410.000000	---	35.21	54.00	18.79	H	8.8
14410.000000	47.49	---	68.20	20.71	H	8.8
16395.000000	---	36.63	54.00	17.37	H	11.4
16395.000000	49.33	---	68.20	18.87	H	11.4

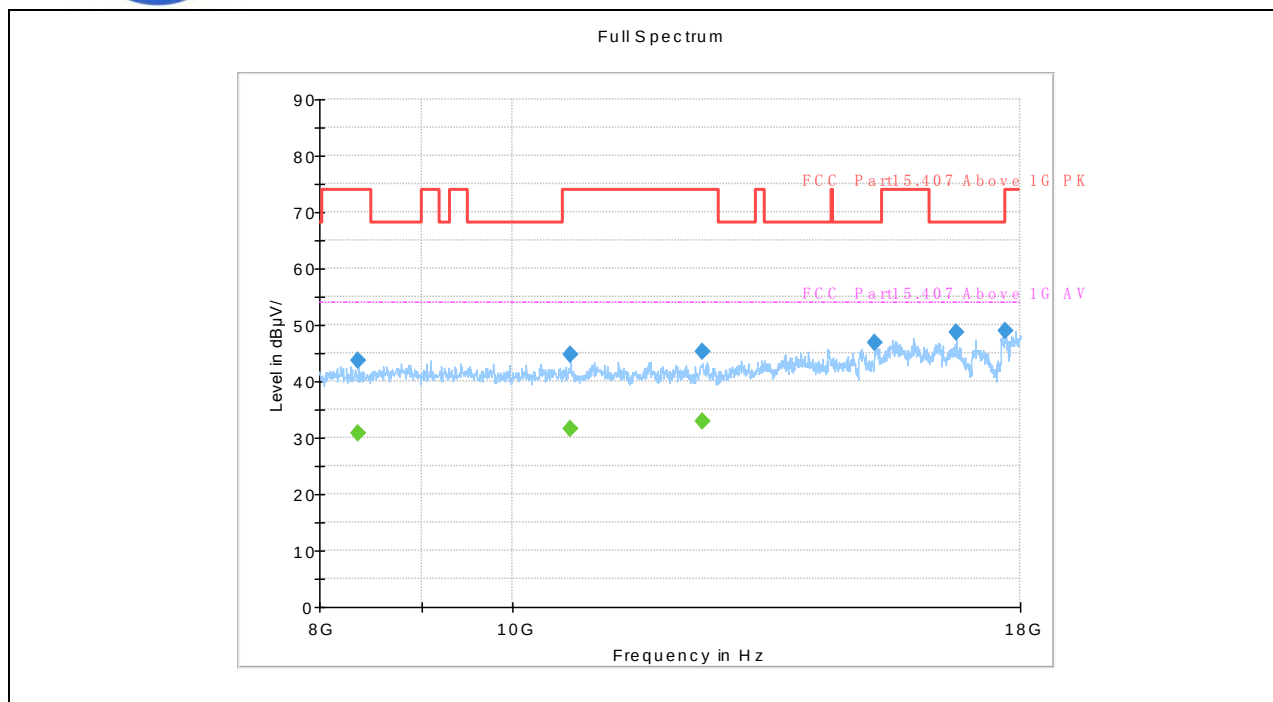


(802.11n _5745MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
60.757083	20.83	---	40.00	19.17	V	14.4
130.395000	23.50	---	43.50	20.00	V	12.2
140.418333	24.68	---	43.50	18.82	V	11.9
384.009583	26.28	---	46.00	19.72	V	18.7
594.822917	29.41	---	46.00	16.59	V	23.6
936.707500	34.32	---	46.00	11.68	V	28.3



Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1089.695624	---	18.74	54.00	35.26	V	-17.8
1089.695624	31.76	---	74.00	42.24	V	-17.8
1670.210213	---	21.55	54.00	32.45	V	-14.3
1670.210213	34.04	---	74.00	39.96	V	-14.3
2354.465179	---	23.63	54.00	30.37	V	-11.1
2354.465179	36.50	---	74.00	37.50	V	-11.1
3243.086960	38.81	---	68.20	29.39	V	-7.4
5048.242161	---	29.95	54.00	24.05	V	-2.8
5048.242161	42.52	---	74.00	31.48	V	-2.8
6597.244500	43.44	---	68.20	24.76	V	-0.9

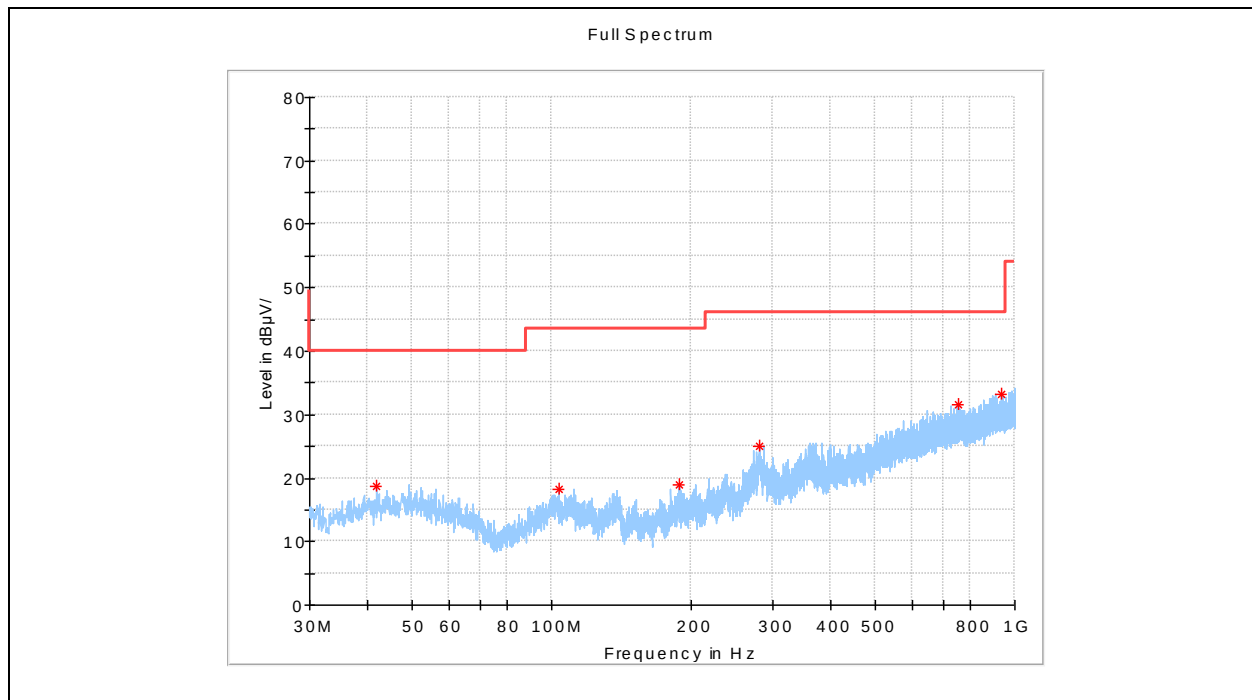


(802.11n _5745MHz, Antenna Vertical, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8370.000000	---	30.89	54.00	23.11	V	1.1
8370.000000	43.81	---	74.00	30.19	V	1.1
10695.000000	---	31.51	54.00	22.49	V	2.5
10695.000000	44.77	---	74.00	29.23	V	2.5
12460.000000	45.23	---	74.00	28.77	V	4.9
12460.000000	---	32.87	54.00	21.13	V	4.9
15215.000000	46.74	---	68.20	21.46	V	10.0
16720.000000	48.78	---	68.20	19.42	V	11.7
17700.000000	49.04	---	68.20	19.16	V	14.4

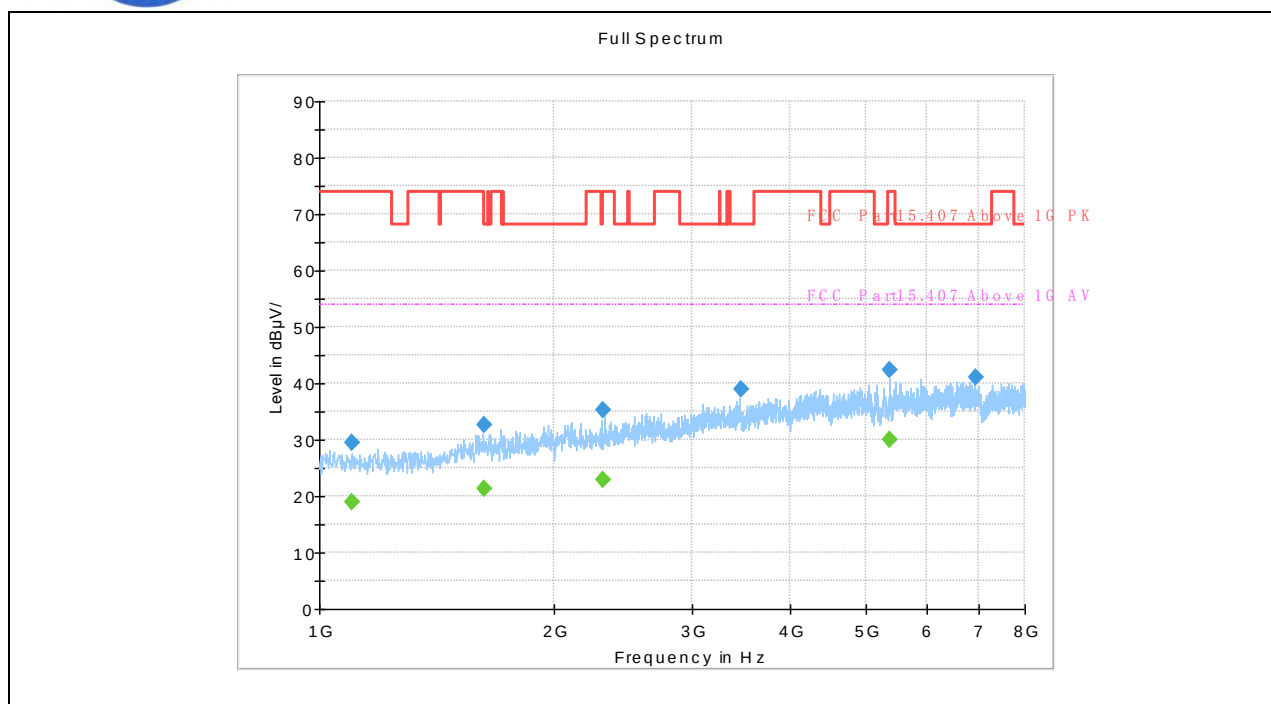


Plot for Channel = 157



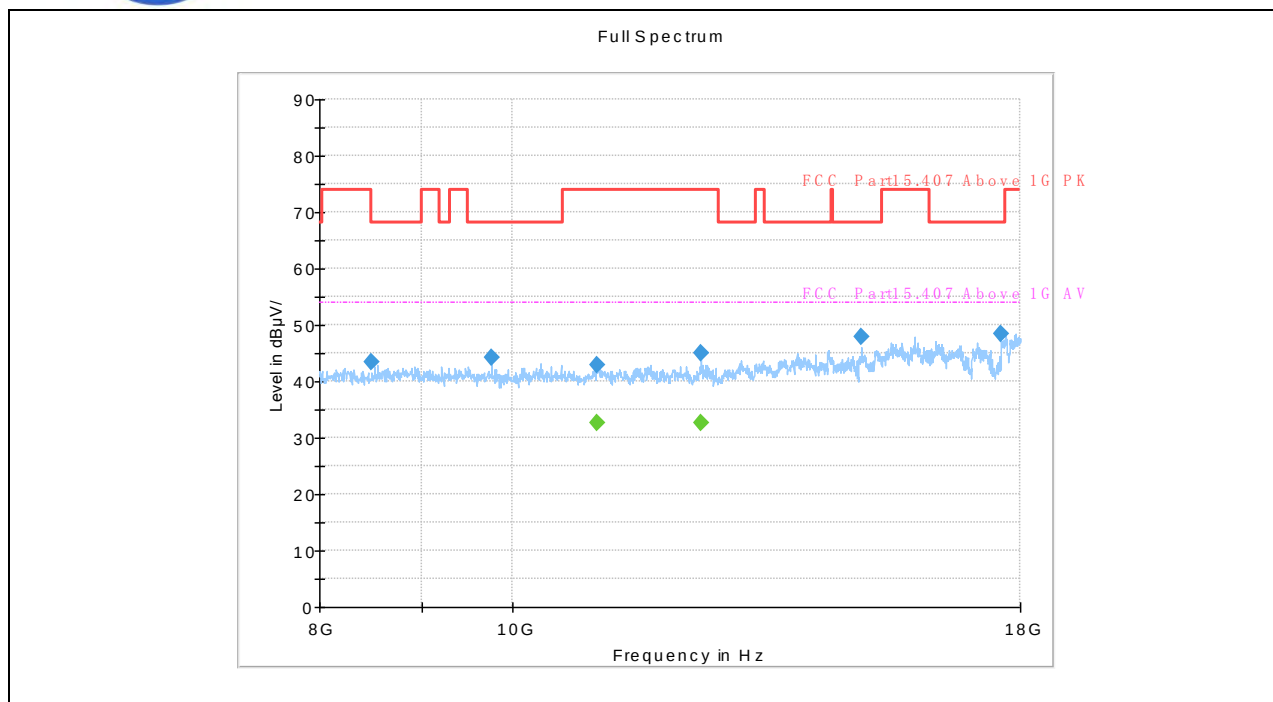
(802.11n _5785MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
41.882500	18.72	---	40.00	21.28	H	15.1
103.881667	18.22	---	43.50	25.28	H	14.3
188.797083	19.00	---	43.50	24.50	H	13.2
280.906667	25.06	---	46.00	20.94	H	16.6
756.004583	31.59	---	46.00	14.41	H	26.1
938.647500	33.28	---	46.00	12.72	H	28.3



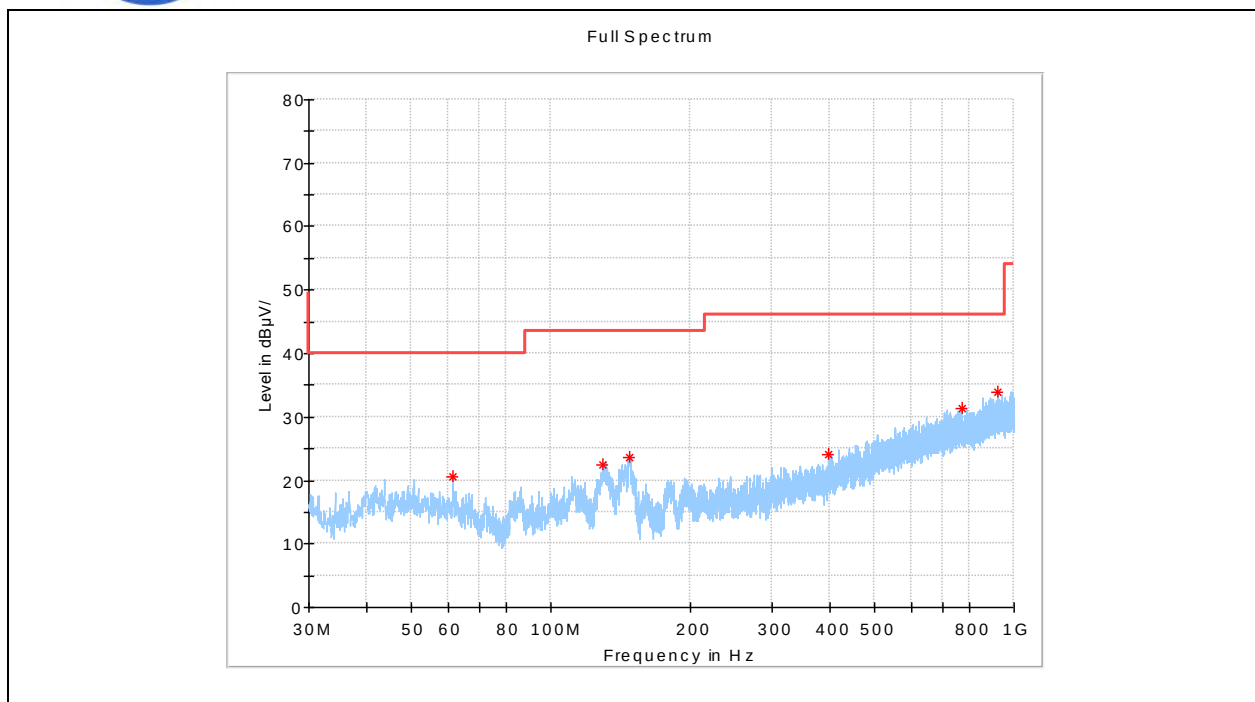
(802.11n _5785MHz, Antenna Horizontal, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1101.963348	---	18.85	54.00	35.15	H	-17.5
1101.963348	29.49	---	74.00	44.51	H	-17.5
1625.488101	32.61	---	74.00	41.89	H	-14.5
1625.488101	---	21.25	54.00	32.75	H	-14.5
2311.874377	---	22.89	54.00	31.11	H	-12.0
2311.874377	35.18	---	74.00	38.82	H	-12.0
3460.794058	38.97	---	68.20	29.23	H	-7.1
5372.097500	42.32	---	74.00	31.68	H	-2.7
5372.097500	---	29.88	54.00	24.12	H	-2.7
6921.299580	41.13	---	68.20	27.07	H	-1.2



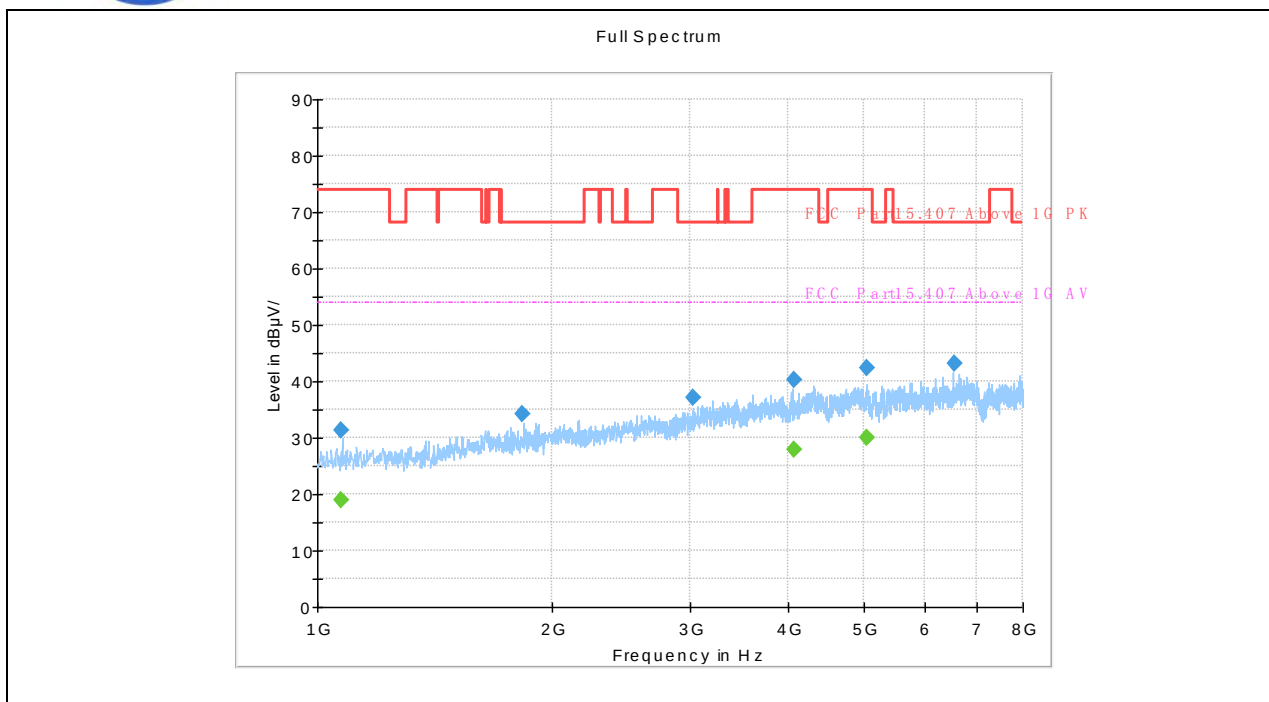
(802.11n _5785MHz, Antenna Horizontal, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8500.000000	43.54	---	68.20	24.66	H	1.1
9765.000000	44.25	---	68.20	23.95	H	2.1
11025.000000	42.83	---	74.00	31.17	H	3.6
11025.000000	---	32.56	54.00	21.44	H	3.6
12445.000000	45.05	---	74.00	28.95	H	4.8
12445.000000	---	32.56	54.00	21.44	H	4.8
14985.000000	47.86	---	68.20	20.34	H	10.0
17610.000000	48.44	---	68.20	19.76	H	13.5



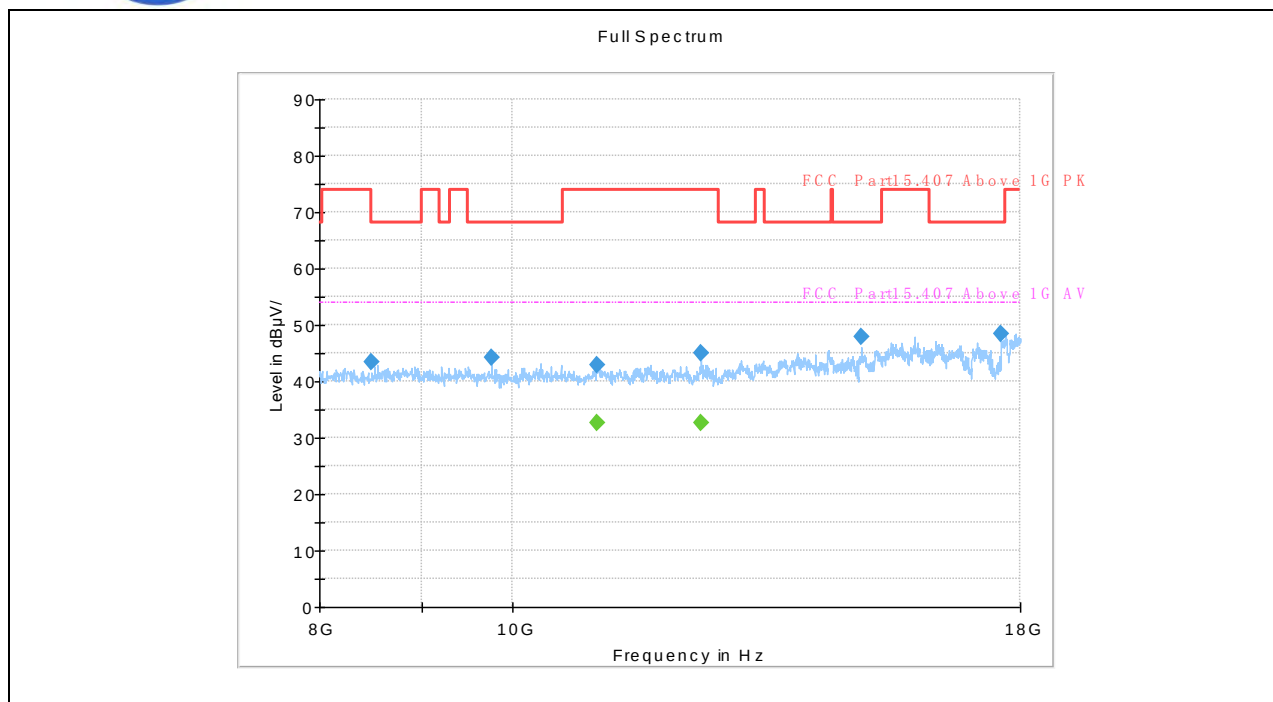
(802.11n _5785MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
61.403750	20.47	---	40.00	19.53	V	14.0
129.667500	22.57	---	43.50	20.93	V	12.2
147.450833	23.71	---	43.50	19.79	V	10.9
398.236250	24.03	---	46.00	21.97	V	19.5
772.696667	31.29	---	46.00	14.71	V	26.1
921.106667	33.83	---	46.00	12.17	V	28.0



(802.11n_5785MHz, Antenna Vertical, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1073.053904	---	18.90	54.00	35.10	V	-18.0
1073.053904	31.33	---	74.00	42.67	V	-18.0
1828.644371	34.11	---	68.20	34.09	V	-13.9
3033.016115	37.02	---	68.20	31.18	V	-8.4
4075.282813	---	27.89	54.00	26.11	V	-5.1
4075.282813	40.35	---	74.00	33.65	V	-5.1
5048.932335	42.34	---	74.00	31.66	V	-2.7
5048.932335	---	29.93	54.00	24.07	V	-2.7
6534.031748	43.12	---	68.20	25.08	V	-2.2

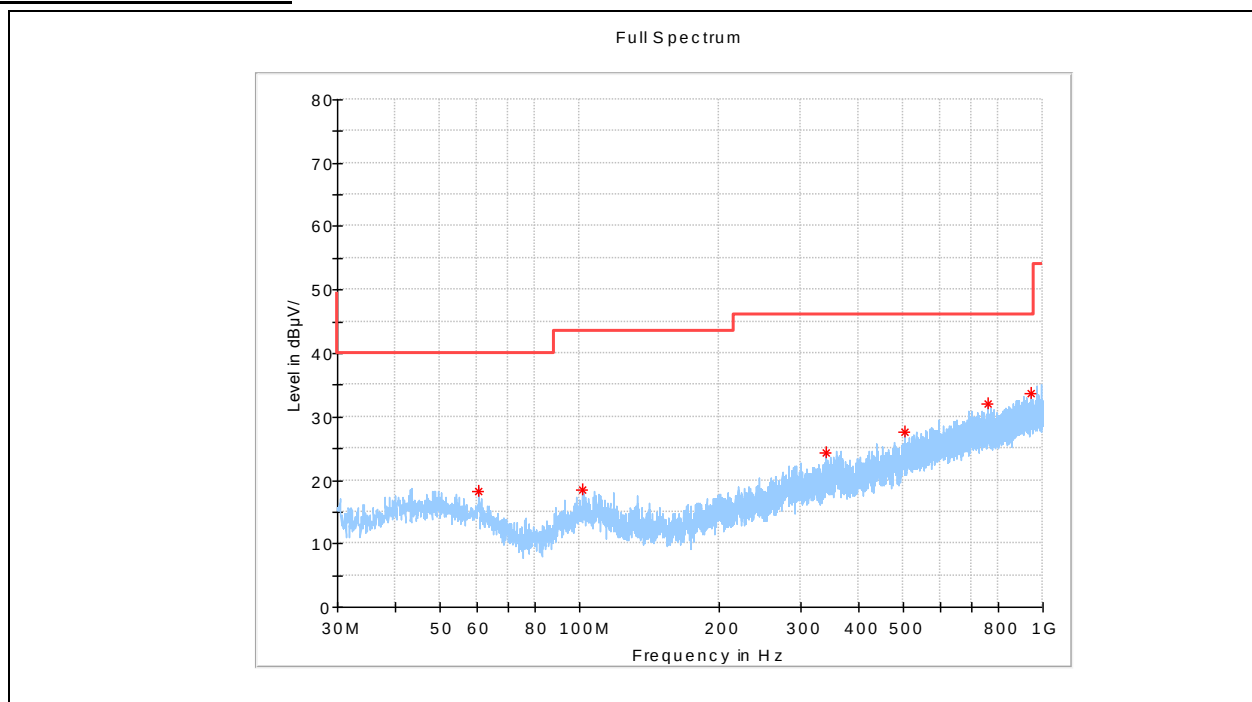


(802.11n _5785MHz, Antenna Vertical, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8500.000000	43.54	---	68.20	24.66	V	1.1
9765.000000	44.25	---	68.20	23.95	V	2.1
11025.000000	42.83	---	74.00	31.17	V	3.6
11025.000000	---	32.56	54.00	21.44	V	3.6
12445.000000	45.05	---	74.00	28.95	V	4.8
12445.000000	---	32.56	54.00	21.44	V	4.8
14985.000000	47.86	---	68.20	20.34	V	10.0
17610.000000	48.44	---	68.20	19.76	V	13.5

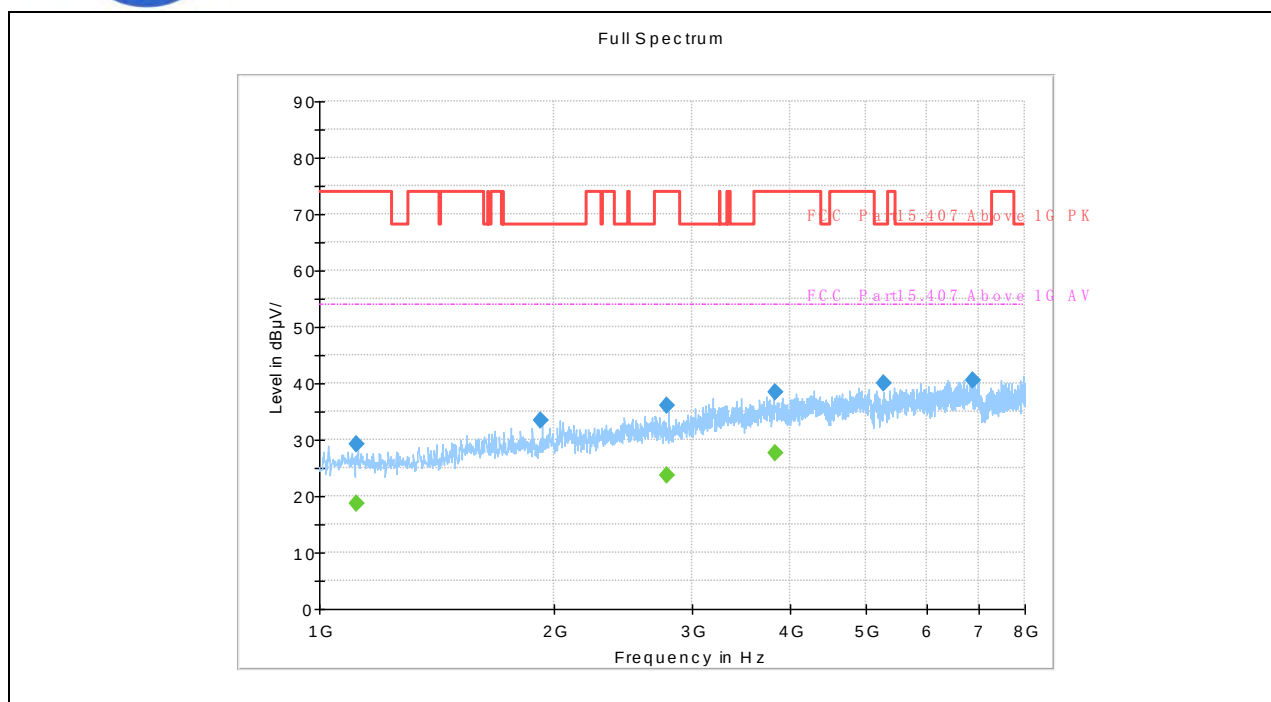


Plot for Channel = 165

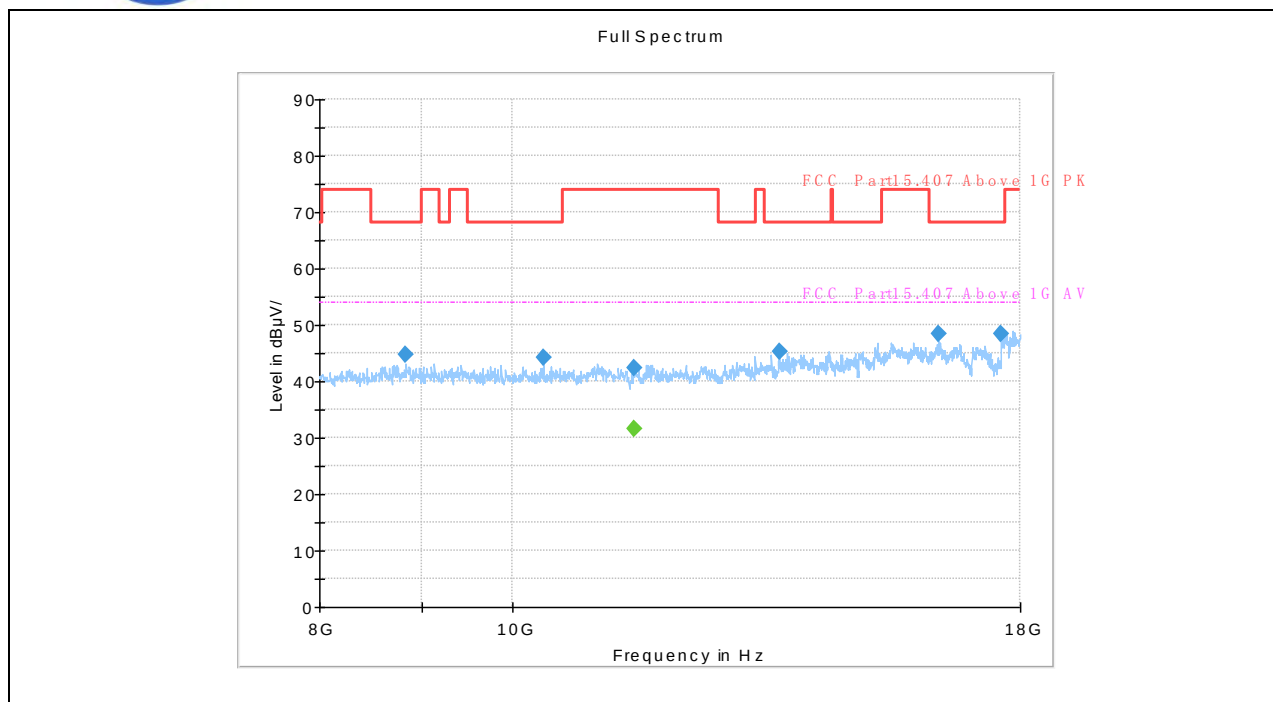


(802.11n _5825MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBµV/m)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB/m)
60.393333	18.29	---	40.00	21.71	H	14.6
101.173750	18.47	---	43.50	25.03	H	15.0
339.712917	24.41	---	46.00	21.59	H	18.2
503.238750	27.54	---	46.00	18.46	H	22.0
758.672083	32.03	---	46.00	13.97	H	26.2
941.759583	33.69	---	46.00	12.31	H	28.4

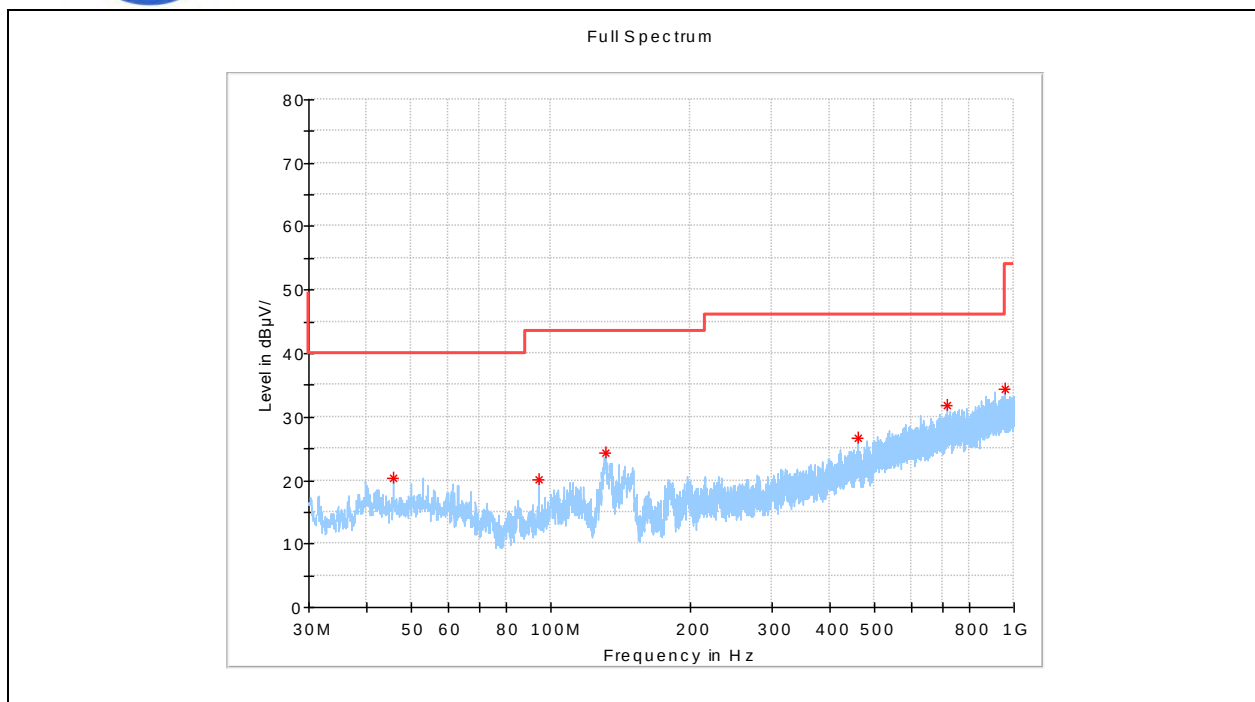


Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1116.306028	---	18.72	54.00	35.28	H	-17.6
1116.306028	29.18	---	74.00	44.82	H	-17.6
1920.079344	33.45	---	68.20	34.75	H	-13.3
2789.669588	---	23.64	54.00	30.36	H	-10.1
2789.669588	36.03	---	74.00	37.97	H	-10.1
3827.931942	---	27.68	54.00	26.32	H	-5.7
3827.931942	38.30	---	74.00	35.70	H	-5.7
5279.644100	40.09	---	68.20	28.11	H	-2.9
6869.305934	40.51	---	68.20	27.69	H	-1.3



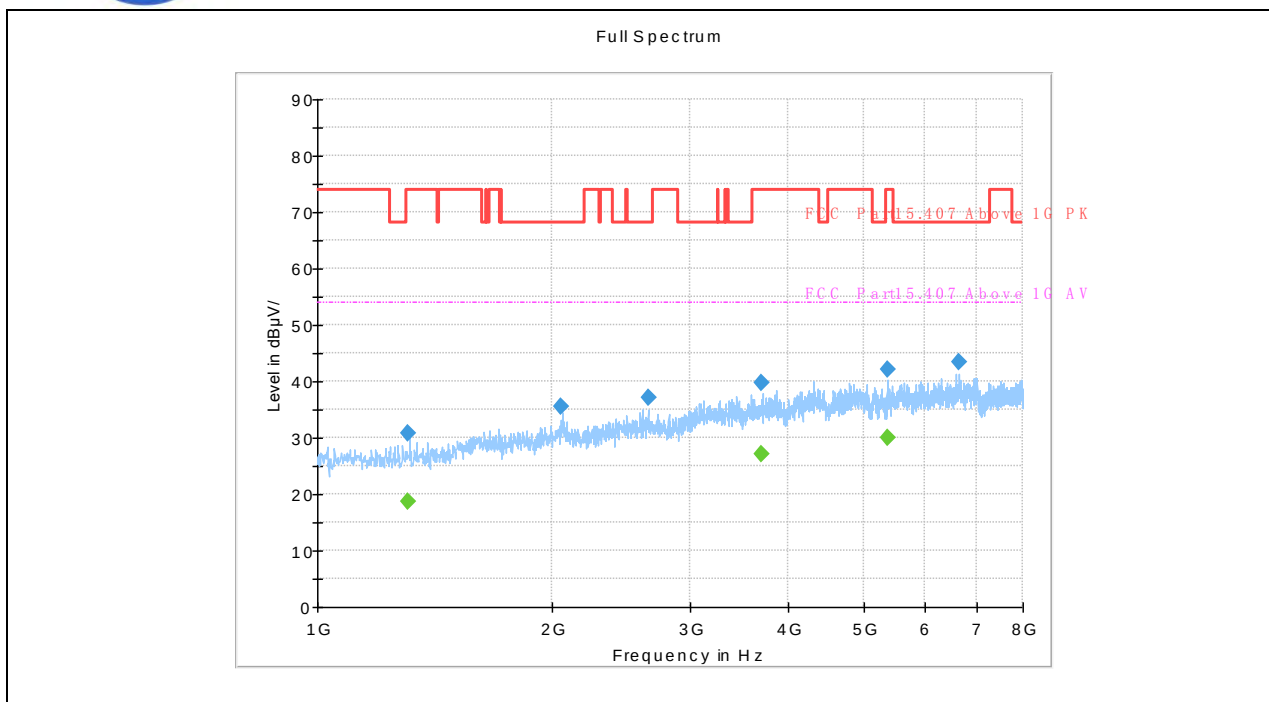
(802.11n_5825MHz, Antenna Horizontal, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8845.000000	44.68	---	68.20	23.52	H	2.2
10370.00000	44.19	---	68.20	24.01	H	2.4
11525.00000	42.24	---	74.00	31.76	H	3.7
11525.00000	---	31.62	54.00	22.38	H	3.7
13620.00000	45.25	---	68.20	22.95	H	6.9
16380.00000	48.38	---	68.20	19.82	H	11.5
17610.00000	48.30	---	68.20	19.90	H	13.5



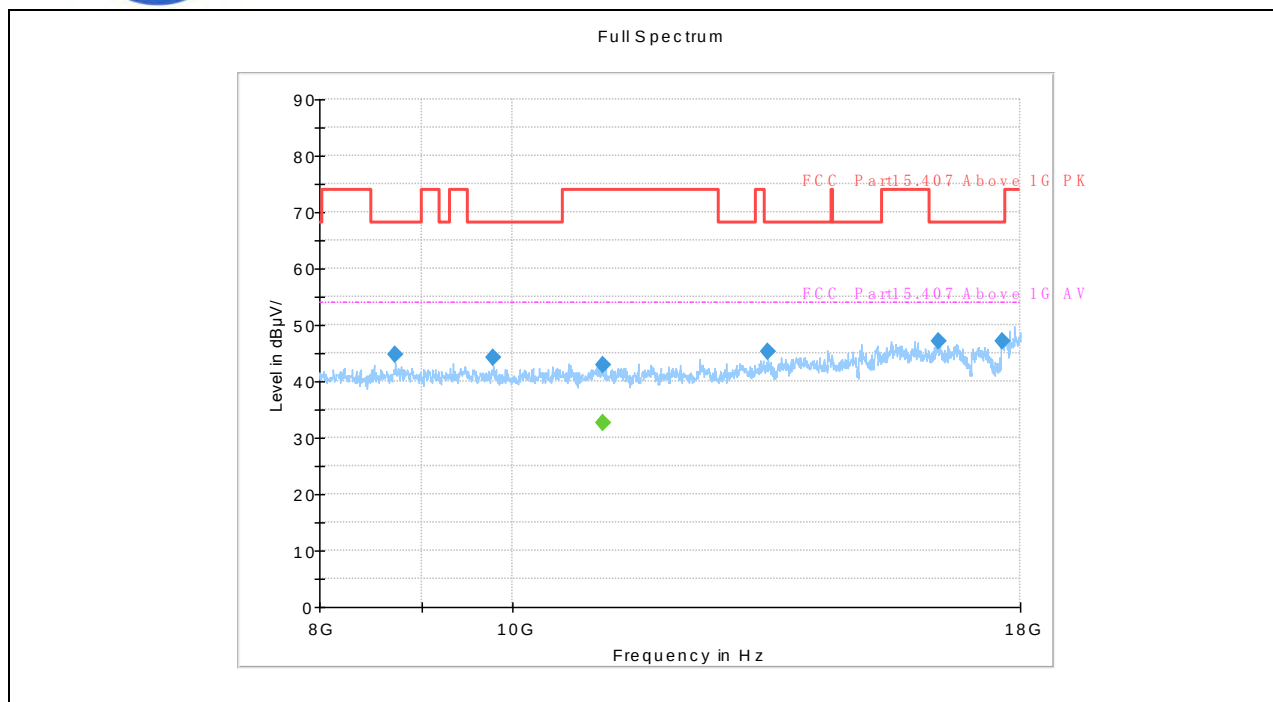
(802.11n_5825MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
45.641250	20.33	---	40.00	19.67	V	15.4
94.020000	20.12	---	43.50	23.38	V	12.9
130.920417	24.22	---	43.50	19.28	V	11.9
459.265417	26.66	---	46.00	19.34	V	21.1
719.346667	31.81	---	46.00	14.19	V	25.0
958.694167	34.44	---	46.00	11.56	V	28.3



(802.11n_5825MHz, Antenna Vertical, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1305.031026	30.91	---	74.00	43.09	V	-17.2
1305.031026	---	18.70	54.00	35.30	V	-17.2
2052.547865	35.56	---	68.20	32.64	V	-12.1
2658.929405	37.11	---	68.20	31.10	V	-9.6
3709.922288	39.85	---	74.00	34.15	V	-6.0
3709.922288	---	27.17	54.00	26.83	V	-6.0
5380.114263	---	29.90	54.00	24.10	V	-2.7
5380.114263	42.18	---	74.00	31.82	V	-2.7
6634.241161	43.41	---	68.20	24.79	V	-1.3



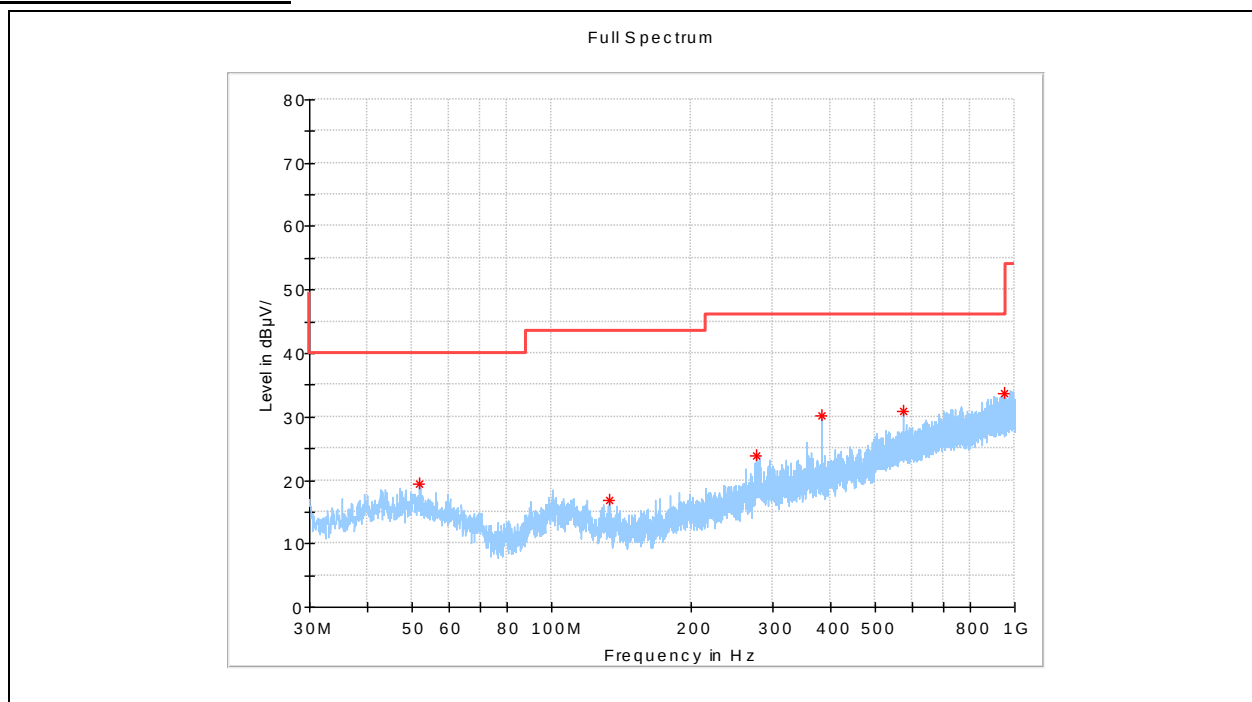
(802.11n _5825MHz, Antenna Vertical, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8740.000000	44.79	---	68.20	23.41	V	1.7
9785.000000	44.26	---	68.20	23.94	V	2.0
11105.000000	42.98	---	74.00	31.02	V	3.8
11105.000000	---	32.56	54.00	21.44	V	3.8
13450.000000	45.19	---	68.20	23.01	V	6.5
16375.000000	47.05	---	68.20	21.15	V	11.5
17630.000000	47.04	---	68.20	21.16	V	13.6



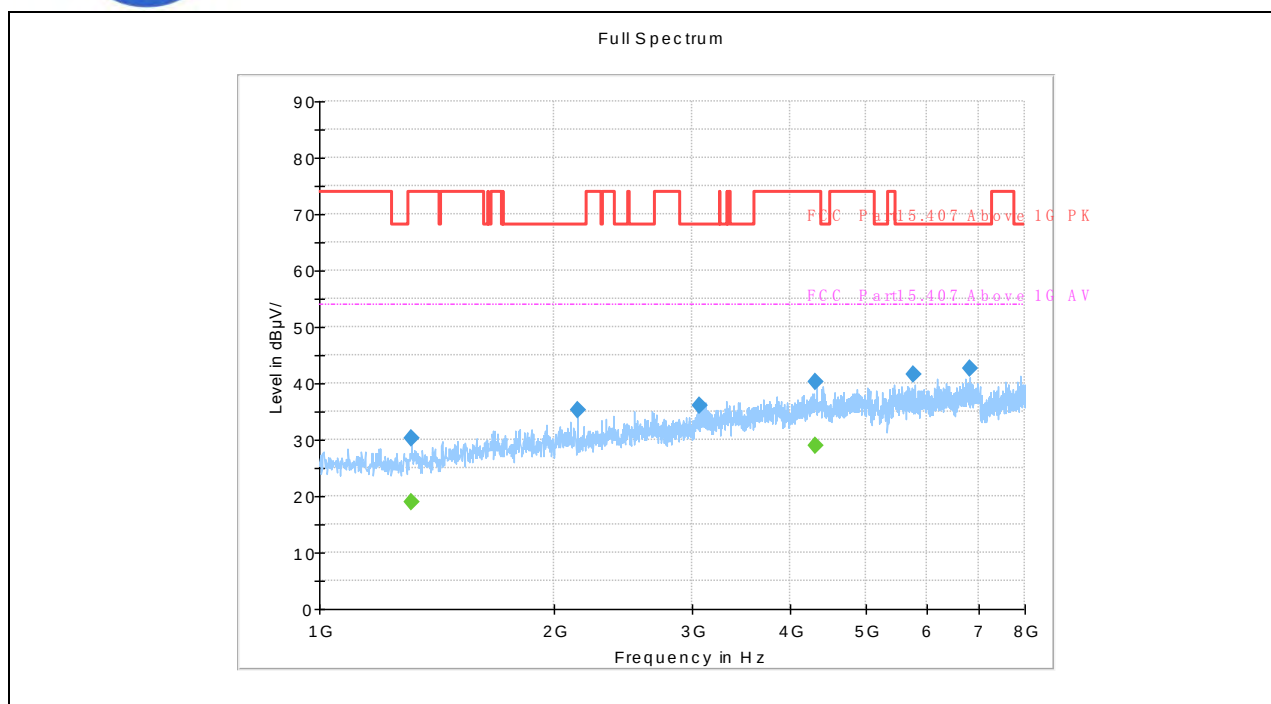
802.11n (HT40) Test mode

Plots for Channel = 38



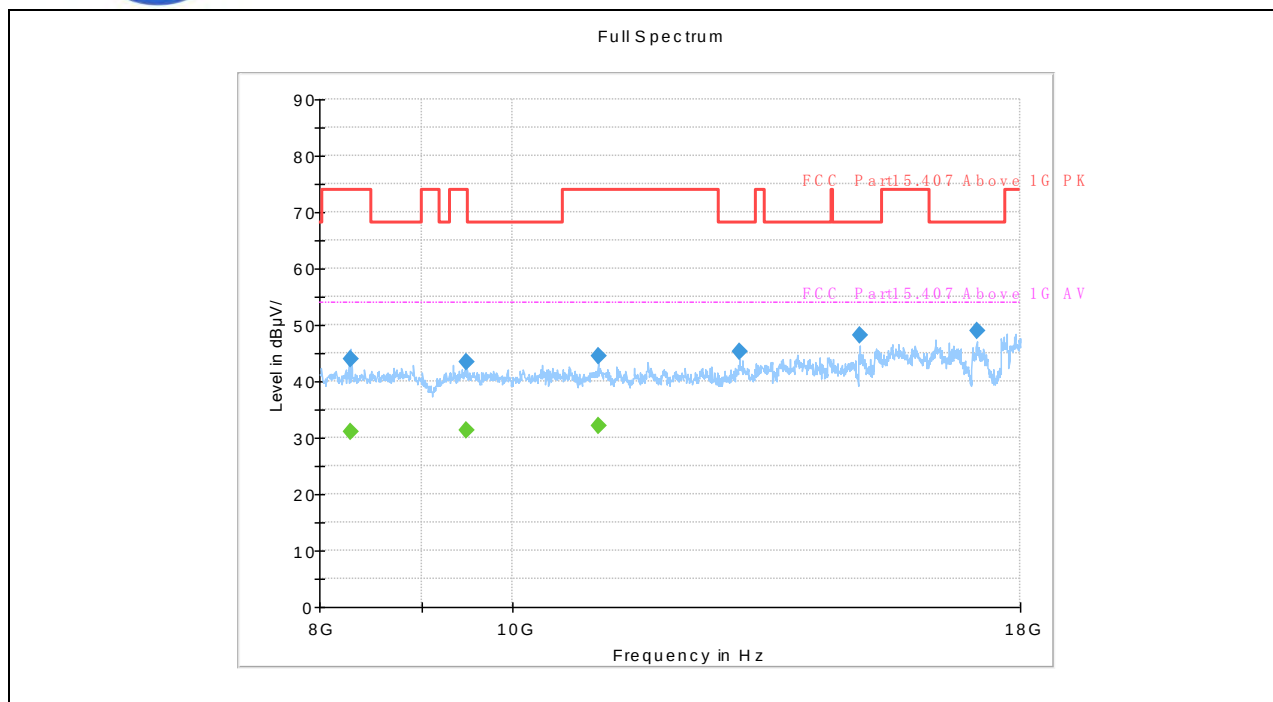
(802.11n _5190MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
51.986667	19.39	---	40.00	20.61	H	15.5
133.183750	16.77	---	43.50	26.73	H	11.1
276.945833	23.89	---	46.00	22.11	H	16.0
383.969167	30.18	---	46.00	15.82	H	18.7
575.988750	30.77	---	46.00	15.23	H	23.0
948.428333	33.58	---	46.00	12.42	H	28.3



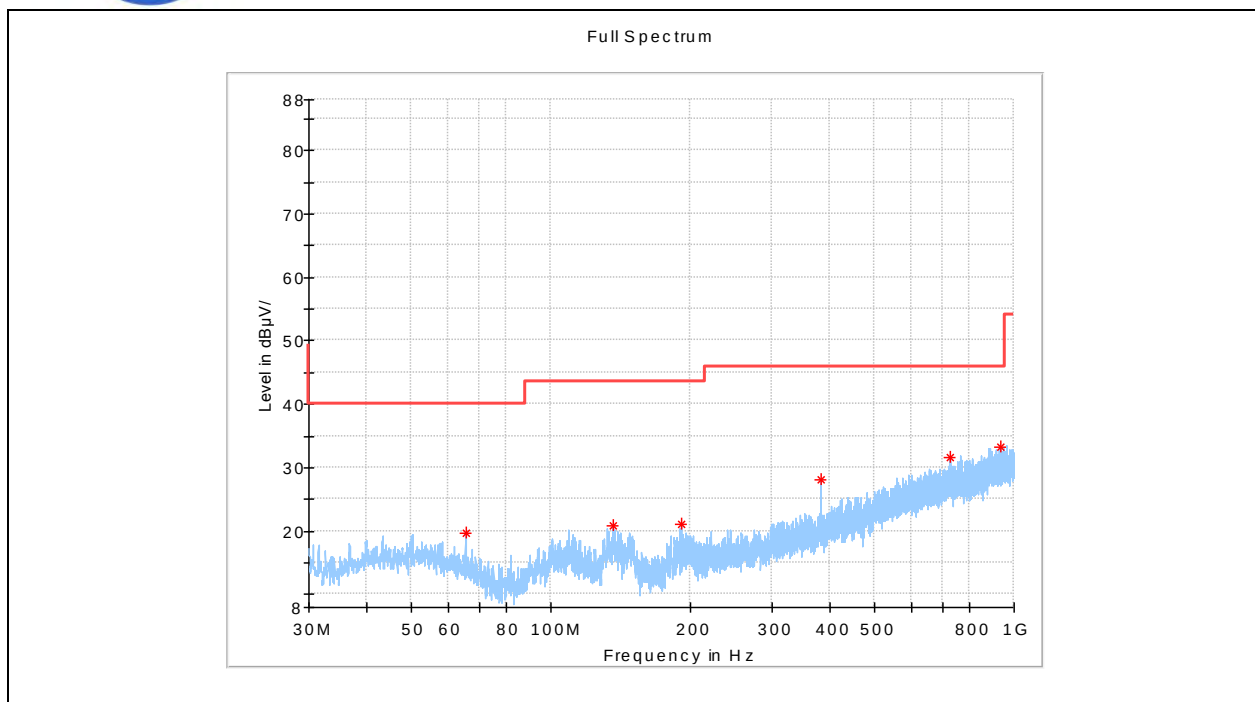
(802.11n _5190MHz, Antenna Horizontal, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1312.336081	30.17	---	74.00	43.83	H	-17.1
1312.336081	---	18.89	54.00	35.11	H	-17.1
2142.578988	35.16	---	68.20	33.04	H	-12.9
3072.784487	36.17	---	68.20	32.03	H	-7.9
4311.086984	---	29.01	54.00	24.99	H	-3.5
4311.086984	40.39	---	74.00	33.61	H	-3.5
5749.536900	41.51	---	68.20	26.69	H	-2.9
6798.888300	42.71	---	68.20	25.49	H	-1.5
1312.336081	30.17	---	74.00	43.83	H	-17.1



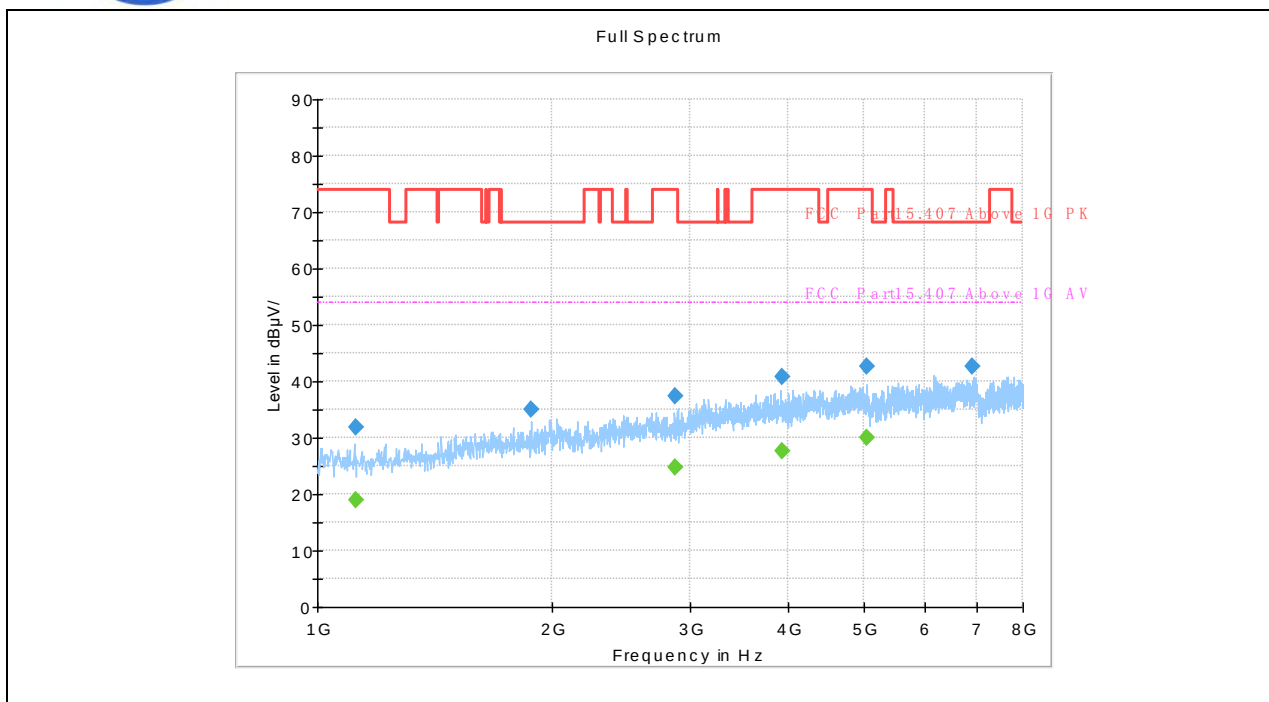
(802.11n _5190MHz, Antenna Horizontal, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8300.000000	---	31.08	54.00	22.92	H	1.6
8300.000000	43.87	---	74.00	30.13	H	1.6
9490.000000	43.52	---	74.00	30.48	H	2.0
9490.000000	---	31.36	54.00	22.64	H	2.0
11045.000000	44.58	---	74.00	29.42	H	3.5
11045.000000	---	32.18	54.00	21.82	H	3.5
13005.000000	45.29	---	68.20	22.91	H	6.0
14945.000000	48.07	---	68.20	20.13	H	9.7
17115.000000	49.03	---	68.20	19.17	H	11.8



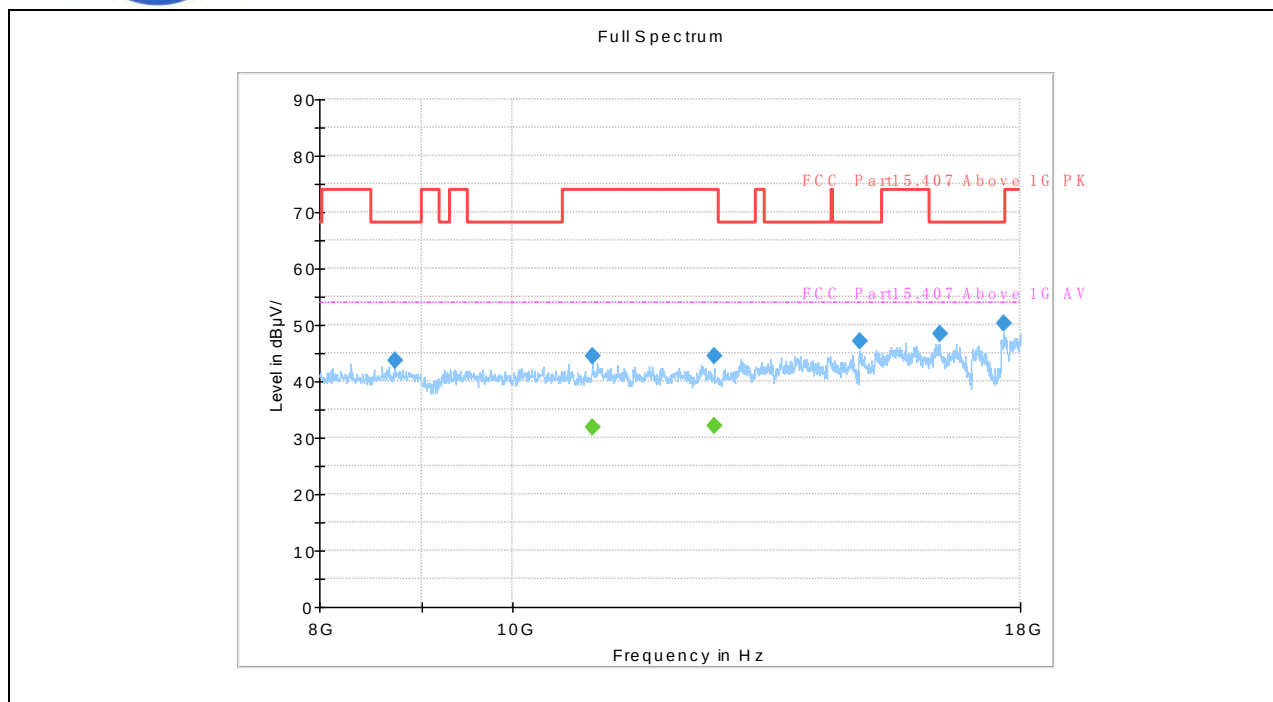
(802.11n_5190MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
65.445417	19.71	---	40.00	20.29	V	13.2
136.376667	20.80	---	43.50	22.70	V	10.9
191.990000	21.18	---	43.50	22.32	V	13.4
384.009583	28.12	---	46.00	17.88	V	18.7
727.227917	31.51	---	46.00	14.49	V	25.2
934.727083	33.16	---	46.00	12.84	V	28.2



(802.11n_5190MHz, Antenna Vertical, 1GHz to 8GHz)

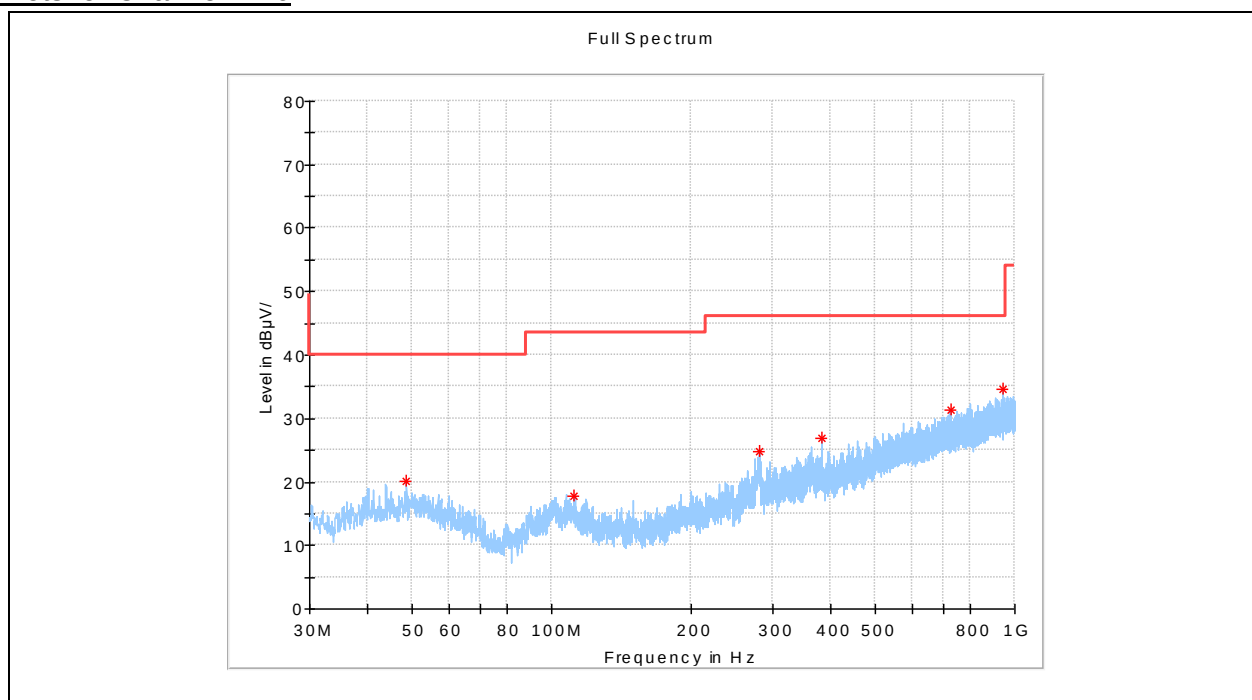
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1119.313431	---	19.03	54.00	34.97	V	-17.7
1119.313431	31.76	---	74.00	42.24	V	-17.7
1875.780871	35.10	---	68.20	33.10	V	-13.8
2878.315949	---	24.63	54.00	29.37	V	-10.0
2878.315949	37.25	---	74.00	36.75	V	-10.0
3935.337671	---	27.70	54.00	26.30	V	-5.8
3935.337671	40.83	---	74.00	33.17	V	-5.8
5051.715416	42.53	---	74.00	31.47	V	-2.7
5051.715416	---	30.10	54.00	23.90	V	-2.7
6898.049880	42.61	---	68.20	25.59	V	-1.2



Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8730.000000	43.76	---	68.20	24.44	V	1.7
10975.00000	---	31.94	54.00	22.06	V	3.5
10975.00000	44.51	---	74.00	29.49	V	3.5
12635.00000	---	31.98	54.00	22.02	V	5.0
12635.00000	44.35	---	74.00	29.65	V	5.0
14940.00000	47.21	---	68.20	20.99	V	9.6
16395.00000	48.52	---	68.20	19.68	V	11.4
17660.00000	50.17	---	68.20	18.03	V	14.0

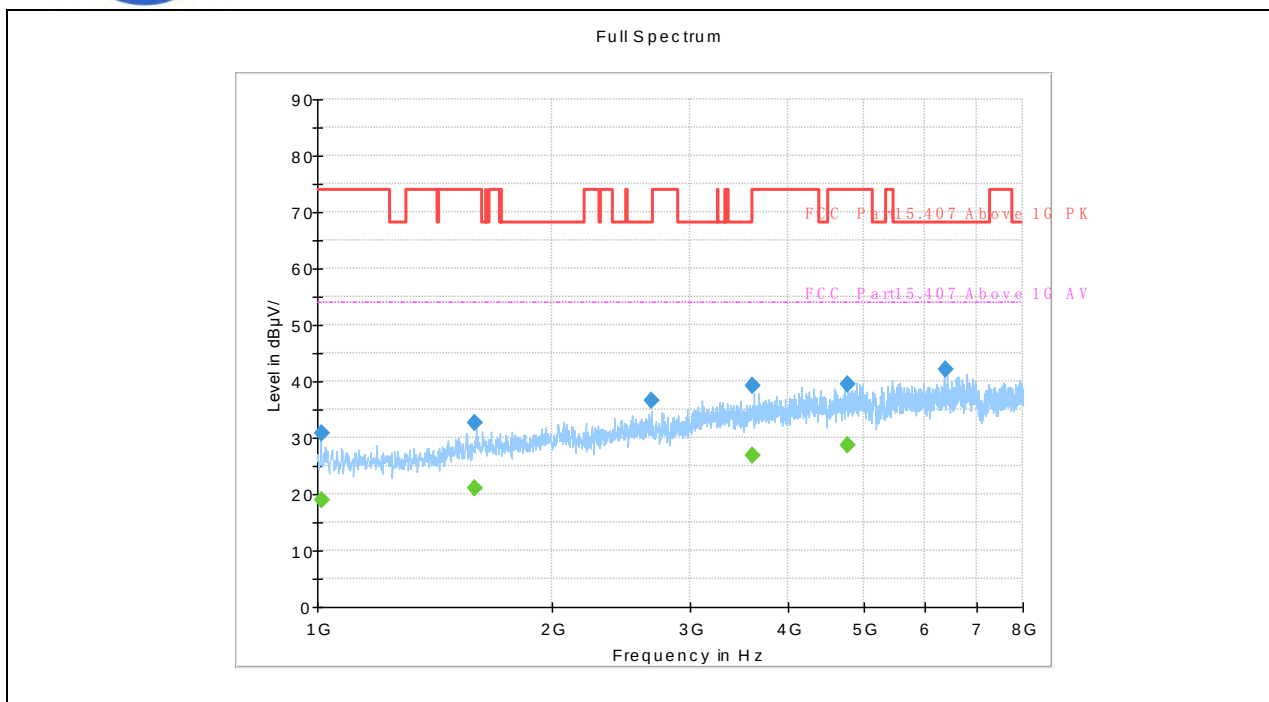


Plots for Channel = 46



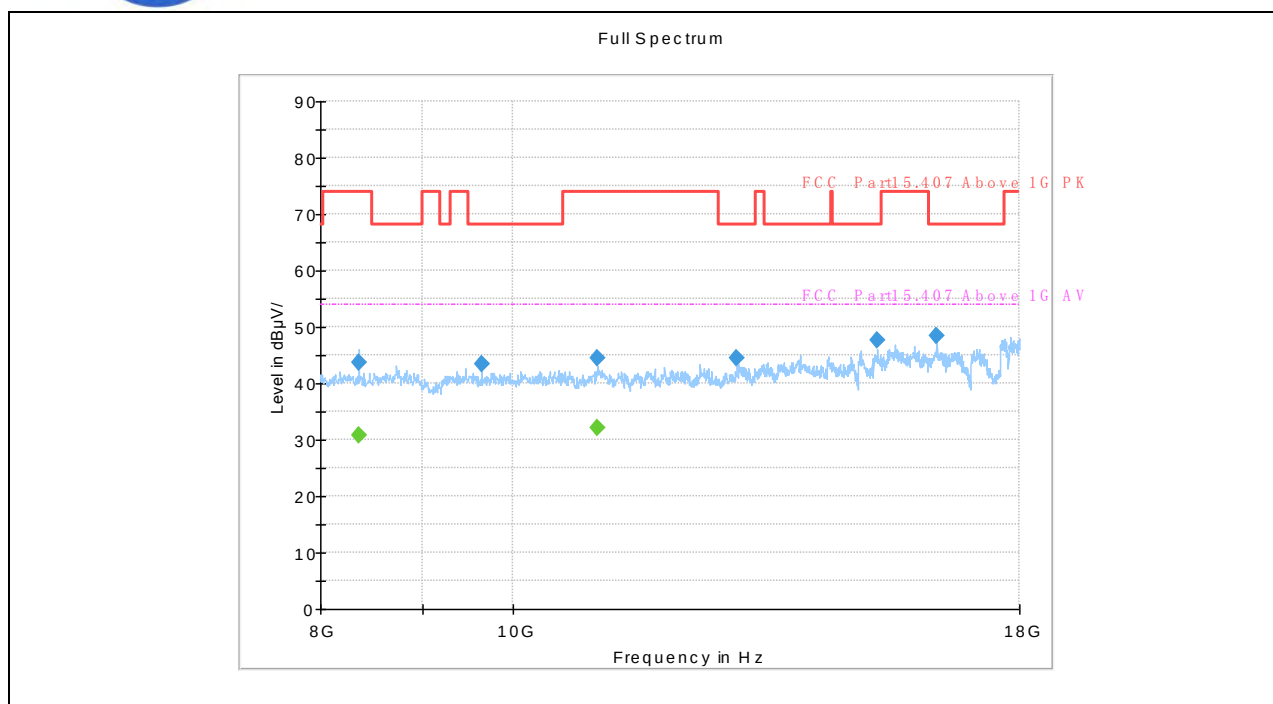
(802.11n _5230MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
48.591667	20.03	---	40.00	19.97	H	15.5
111.884167	17.75	---	43.50	25.75	H	14.2
280.138750	24.90	---	46.00	21.10	H	16.7
384.009583	26.91	---	46.00	19.09	H	18.7
729.693333	31.28	---	46.00	14.72	H	25.4
941.355417	34.68	---	46.00	11.32	H	28.4



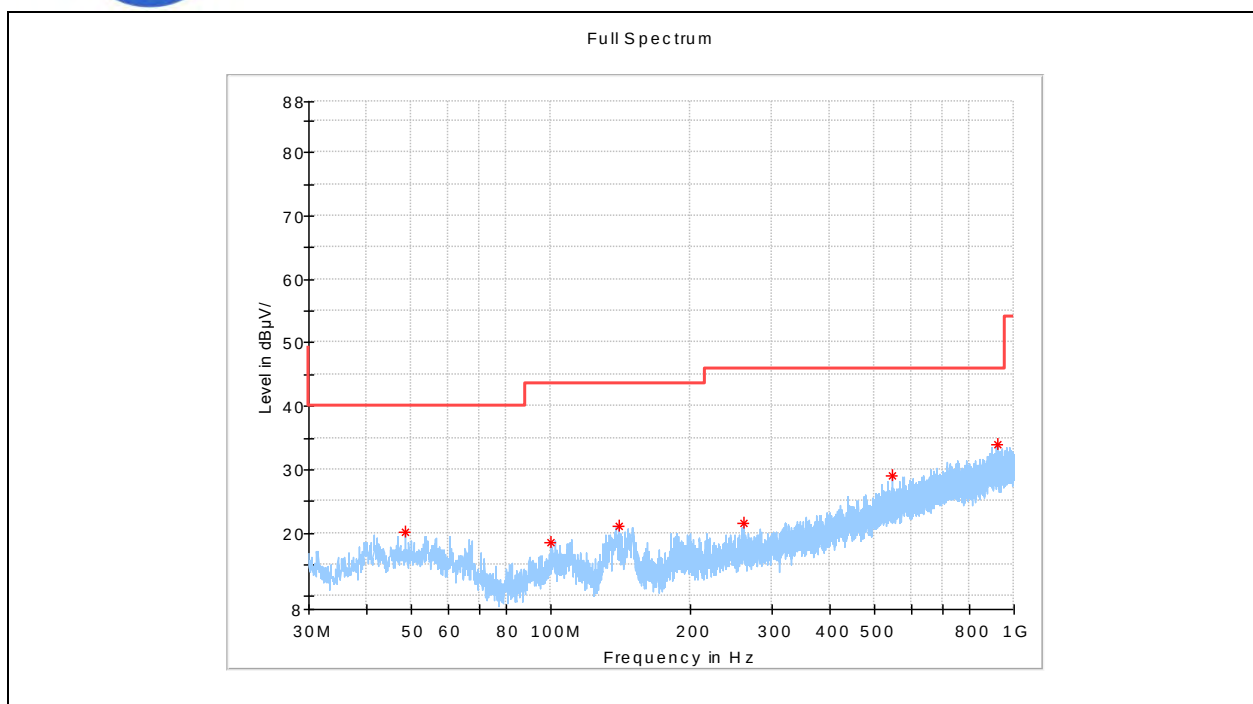
(802.11n _5230MHz, Antenna Horizontal, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1013.554236	---	19.05	54.00	34.95	H	-17.8
1013.554236	30.81	---	74.00	43.19	H	-17.8
1592.759025	---	21.16	54.00	32.84	H	-14.6
1592.759025	32.60	---	74.00	41.40	H	-14.6
2681.664705	36.70	---	68.20	31.50	H	-9.5
3608.944897	---	26.89	54.00	27.11	H	-6.4
3608.944897	39.30	---	74.00	34.70	H	-6.4
4780.077662	---	28.74	54.00	25.26	H	-3.5
4780.077662	39.34	---	74.00	34.66	H	-3.5
6379.554364	42.19	---	68.20	26.01	H	-1.9



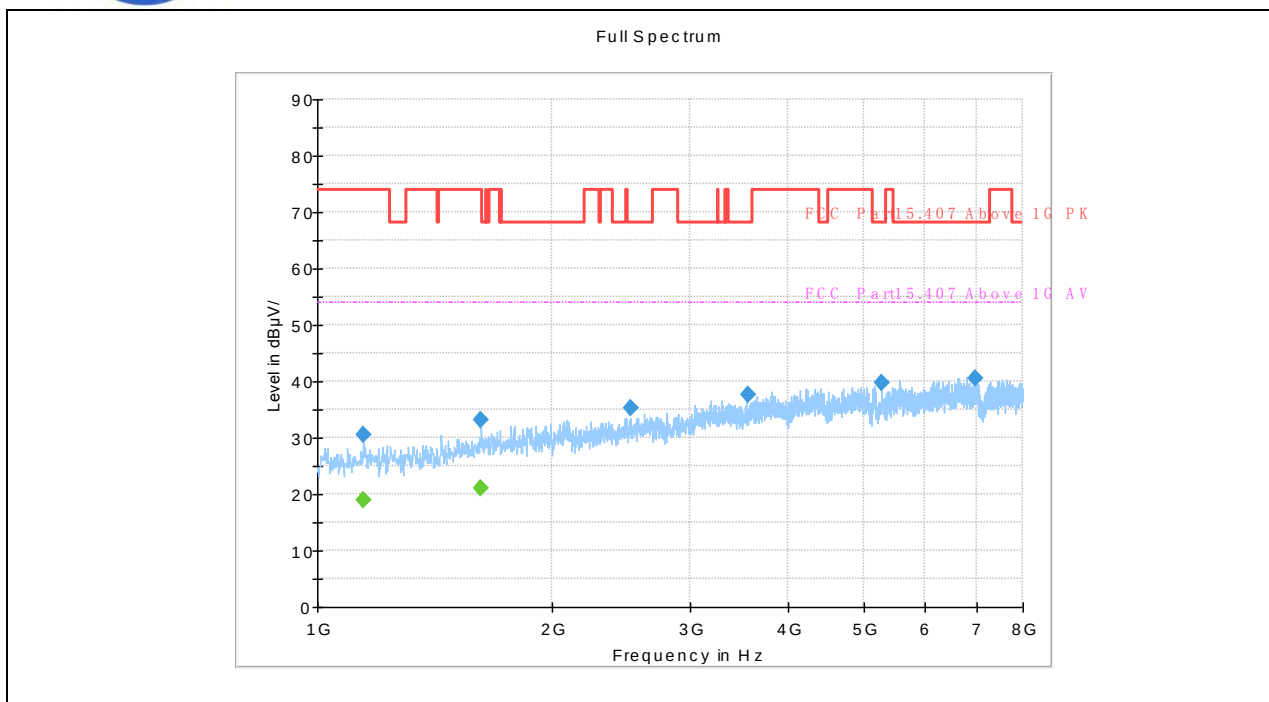
(802.11n_5230MHz, Antenna Horizontal, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8365.000000	43.70	---	74.00	30.30	H	1.1
8365.000000	---	30.78	54.00	23.22	H	1.1
9650.000000	43.34	---	68.20	24.86	H	2.0
11030.00000	44.54	---	74.00	29.46	H	3.6
11030.00000	---	32.22	54.00	21.78	H	3.6
12975.00000	44.35	---	68.20	23.85	H	5.9
15255.00000	47.62	---	68.20	20.58	H	10.0
16360.00000	48.32	---	68.20	19.88	H	11.4



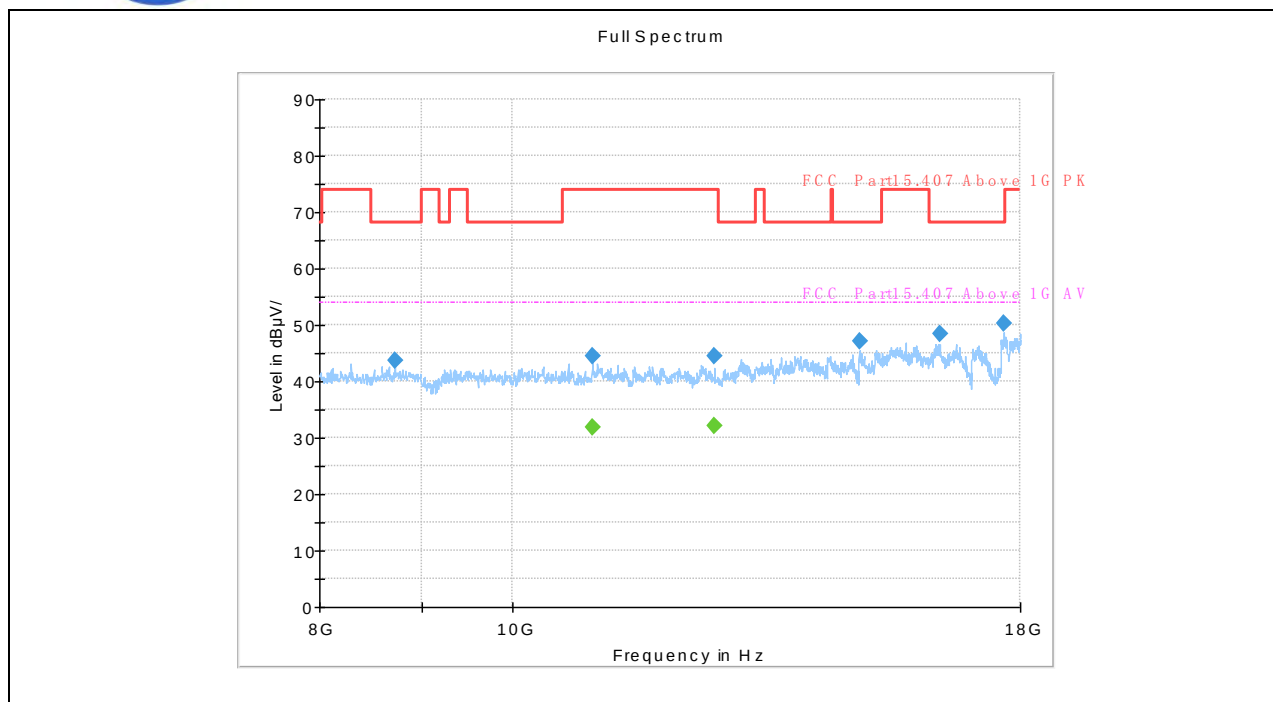
(802.11n_5230MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
48.510833	20.10	---	40.00	19.90	V	15.5
100.042083	18.49	---	43.50	25.01	V	15.2
140.095000	21.21	---	43.50	22.29	V	12.0
260.496250	21.48	---	46.00	24.52	V	16.0
544.908333	28.95	---	46.00	17.05	V	22.4
920.136667	33.92	---	46.00	12.08	V	28.0



(802.11n_5230MHz, Antenna Vertical, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1119.313431	---	19.03	54.00	34.97	V	-17.7
1119.313431	31.76	---	74.00	42.24	V	-17.7
1875.780871	35.10	---	68.20	33.10	V	-13.8
2878.315949	---	24.63	54.00	29.37	V	-10.0
2878.315949	37.25	---	74.00	36.75	V	-10.0
3935.337671	---	27.70	54.00	26.30	V	-5.8
3935.337671	40.83	---	74.00	33.17	V	-5.8
5051.715416	42.53	---	74.00	31.47	V	-2.7
5051.715416	---	30.10	54.00	23.90	V	-2.7
6898.049880	42.61	---	68.20	25.59	V	-1.2

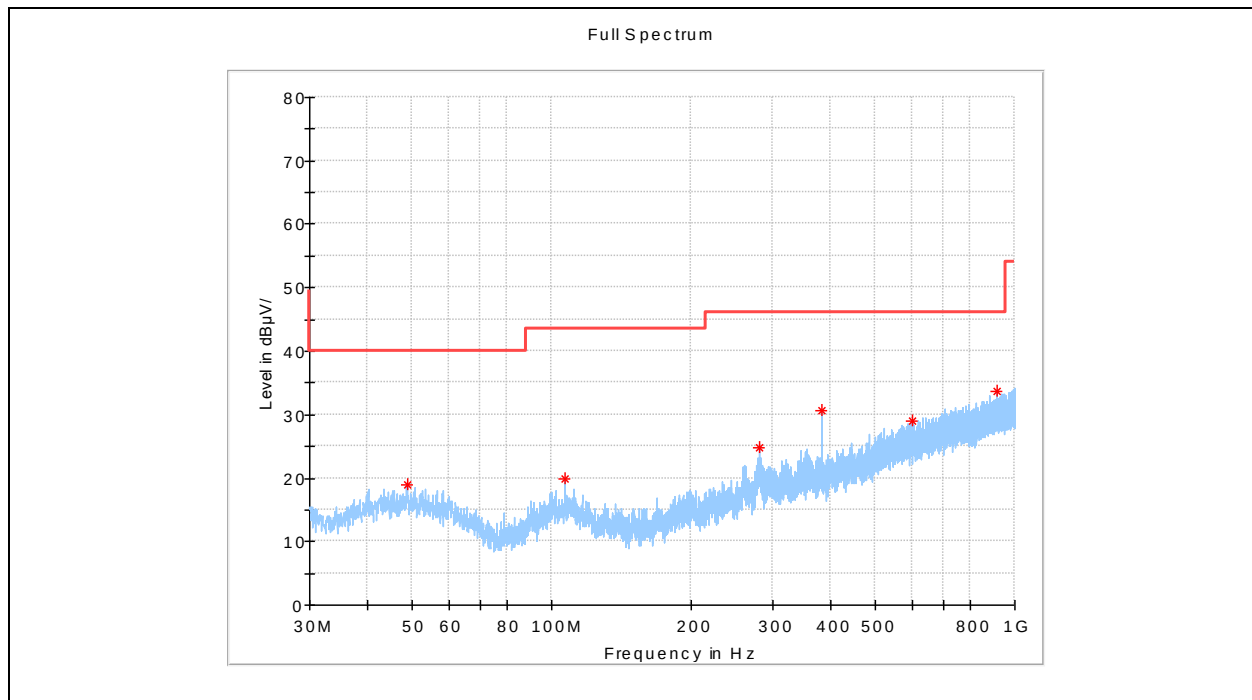


(802.11n _5230MHz, Antenna Vertical, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1145.692661	---	18.88	54.00	35.12	V	-17.7
1145.692661	30.60	---	74.00	43.40	V	-17.7
1616.940570	---	21.13	54.00	32.87	V	-14.7
1616.940570	33.28	---	74.00	40.72	V	-14.7
2523.555200	35.32	---	68.20	32.88	V	-10.4
3555.690290	37.68	---	68.20	30.52	V	-6.8
5271.883683	39.82	---	68.20	28.38	V	-2.9
6962.910075	40.58	---	68.20	27.62	V	-1.3

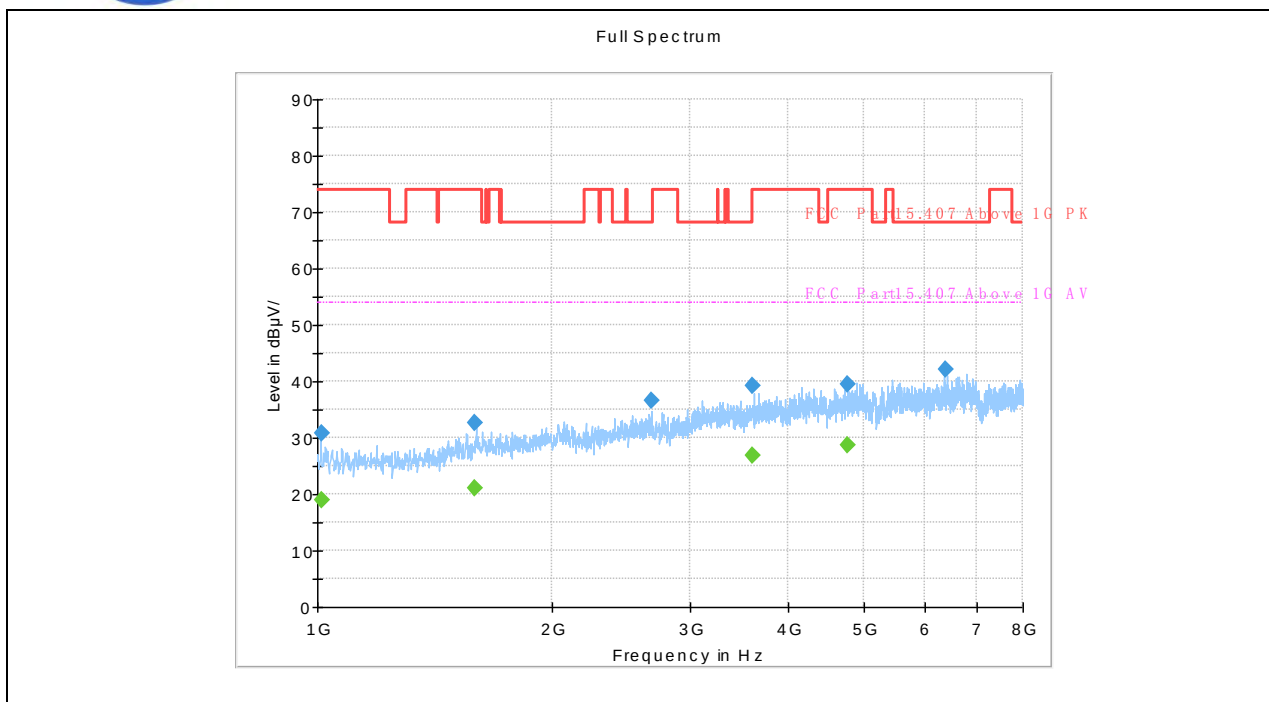


Plot for Channel = 54



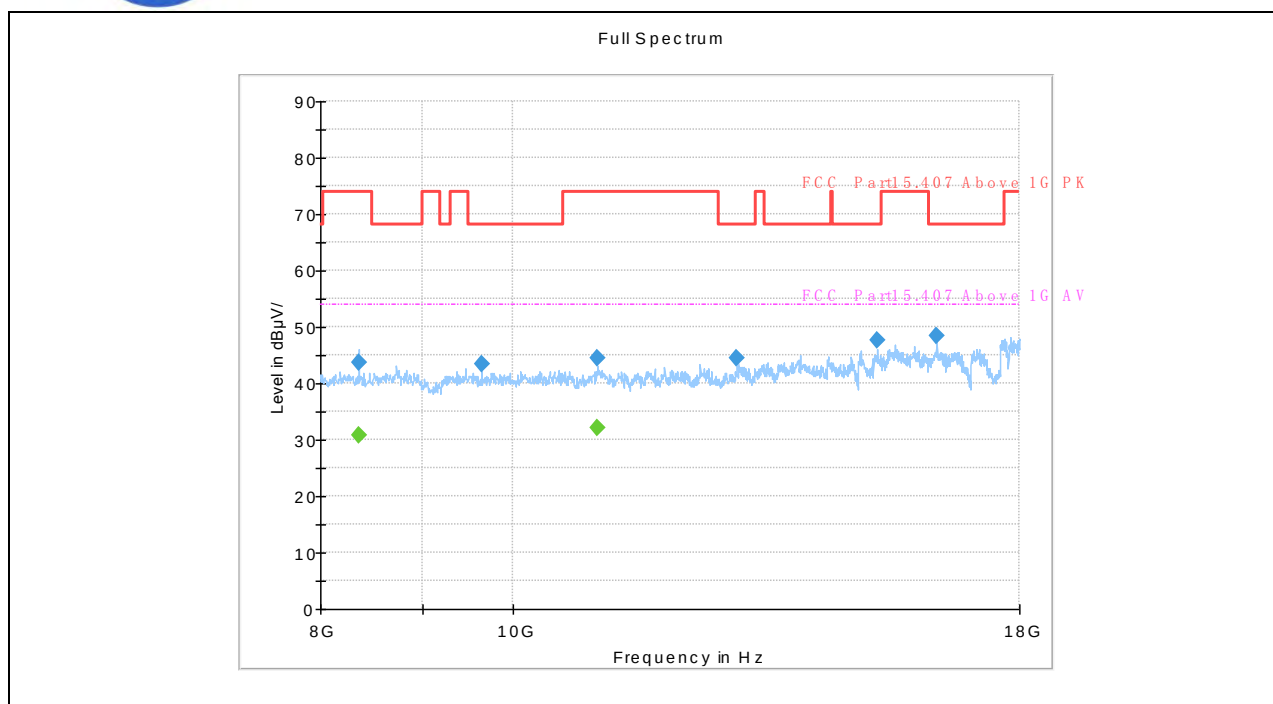
(802.11n _5270MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
48.672500	18.90	---	40.00	21.10	H	15.5
106.993750	19.98	---	43.50	23.52	H	14.4
281.230000	24.75	---	46.00	21.25	H	16.6
384.009583	30.76	---	46.00	15.24	H	18.7
599.834583	29.07	---	46.00	16.93	H	23.5
917.792500	33.58	---	46.00	12.42	H	28.0



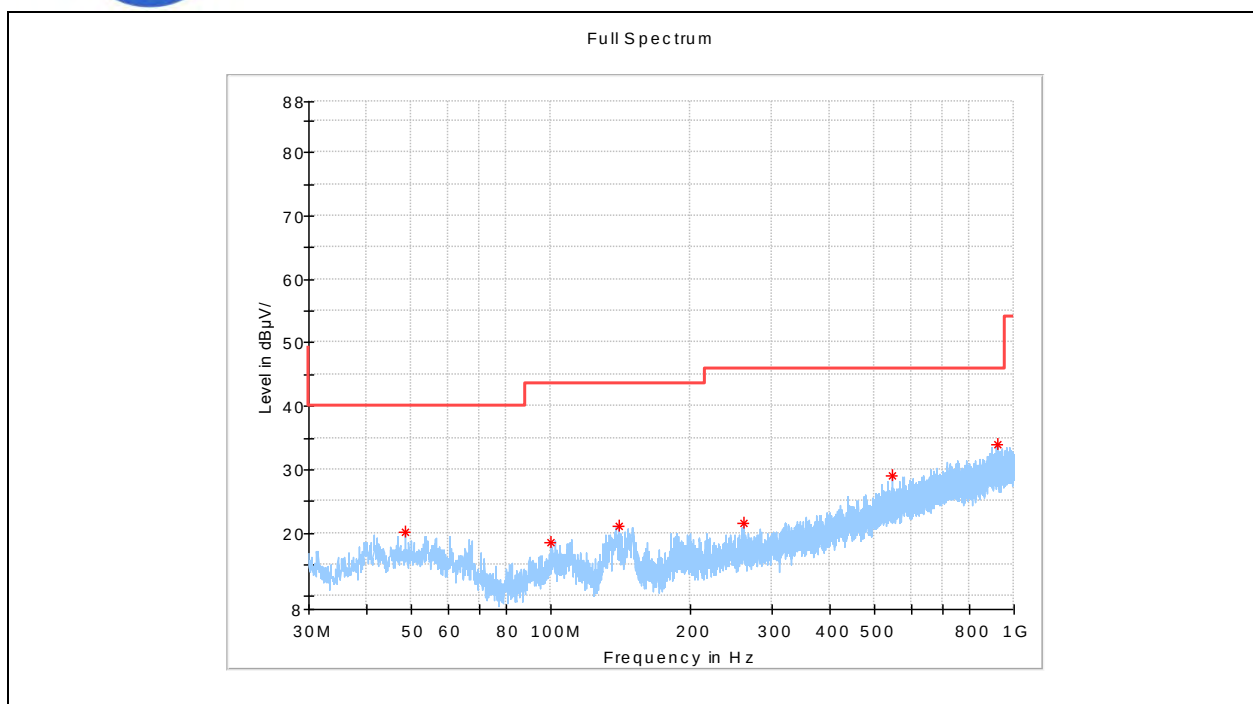
(802.11n _5270MHz, Antenna Horizontal, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1013.554236	---	19.05	54.00	34.95	H	-17.8
1013.554236	30.81	---	74.00	43.19	H	-17.8
1592.759025	---	21.16	54.00	32.84	H	-14.6
1592.759025	32.60	---	74.00	41.40	H	-14.6
2681.664705	36.70	---	68.20	31.50	H	-9.5
3608.944897	---	26.89	54.00	27.11	H	-6.4
3608.944897	39.30	---	74.00	34.70	H	-6.4
4780.077662	---	28.74	54.00	25.26	H	-3.5
4780.077662	39.34	---	74.00	34.66	H	-3.5
6379.554364	42.19	---	68.20	26.01	H	-1.9

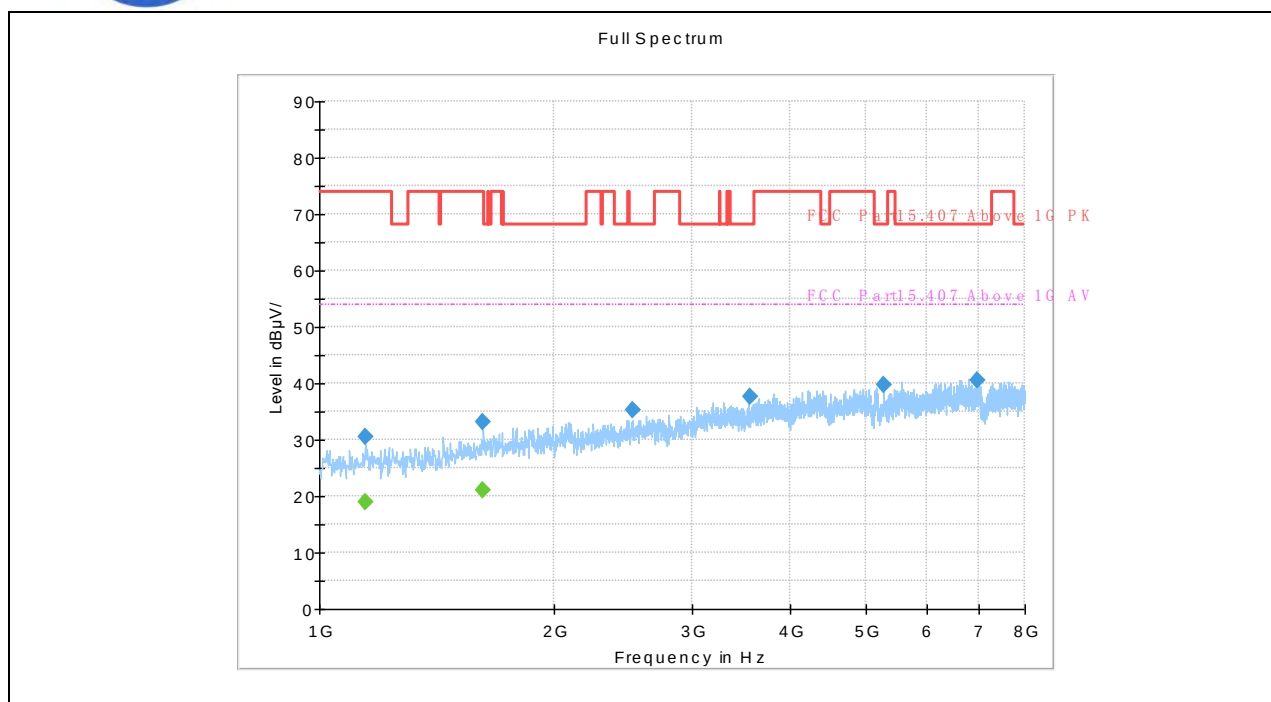


(802.11n _5270MHz, Antenna Horizontal, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8365.000000	43.70	---	74.00	30.30	H	1.1
8365.000000	---	30.78	54.00	23.22	H	1.1
9650.000000	43.34	---	68.20	24.86	H	2.0
11030.00000	44.54	---	74.00	29.46	H	3.6
11030.00000	---	32.22	54.00	21.78	H	3.6
12975.00000	44.35	---	68.20	23.85	H	5.9
15255.00000	47.62	---	68.20	20.58	H	10.0
16360.00000	48.32	---	68.20	19.88	H	11.4

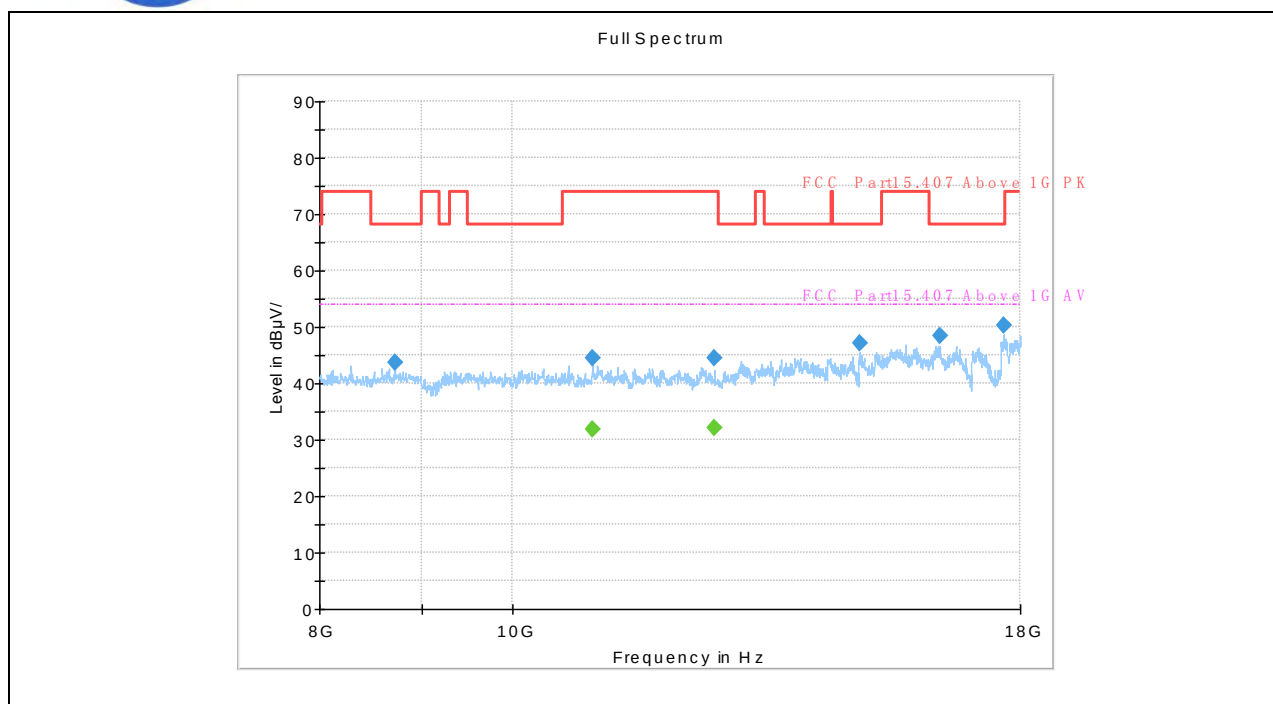


Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
48.510833	20.10	---	40.00	19.90	V	15.5
100.042083	18.49	---	43.50	25.01	V	15.2
140.095000	21.21	---	43.50	22.29	V	12.0
260.496250	21.48	---	46.00	24.52	V	16.0
544.908333	28.95	---	46.00	17.05	V	22.4
920.136667	33.92	---	46.00	12.08	V	28.0



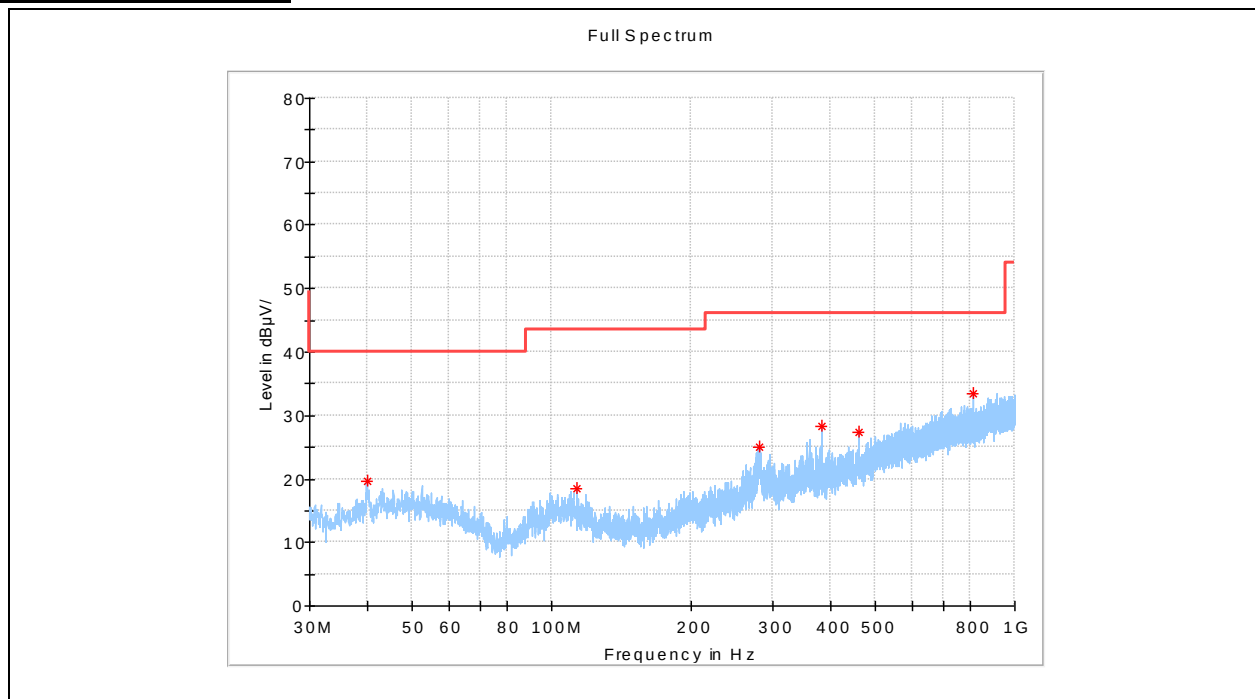
(802.11n_5270MHz, Antenna Vertical, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1119.313431	---	19.03	54.00	34.97	V	-17.7
1119.313431	31.76	---	74.00	42.24	V	-17.7
1875.780871	35.10	---	68.20	33.10	V	-13.8
2878.315949	---	24.63	54.00	29.37	V	-10.0
2878.315949	37.25	---	74.00	36.75	V	-10.0
3935.337671	---	27.70	54.00	26.30	V	-5.8
3935.337671	40.83	---	74.00	33.17	V	-5.8
5051.715416	42.53	---	74.00	31.47	V	-2.7
5051.715416	---	30.10	54.00	23.90	V	-2.7
6898.049880	42.61	---	68.20	25.59	V	-1.2



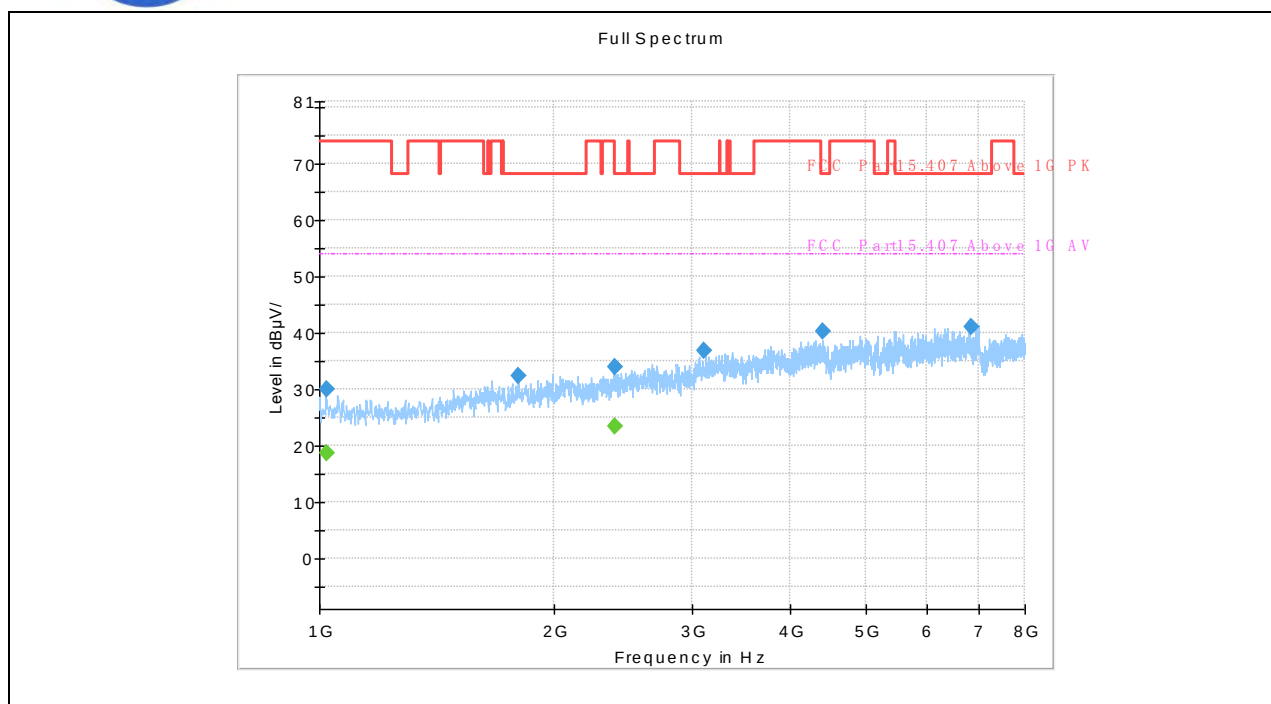
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1145.692661	---	18.88	54.00	35.12	V	-17.7
1145.692661	30.60	---	74.00	43.40	V	-17.7
1616.940570	---	21.13	54.00	32.87	V	-14.7
1616.940570	33.28	---	74.00	40.72	V	-14.7
2523.555200	35.32	---	68.20	32.88	V	-10.4
3555.690290	37.68	---	68.20	30.52	V	-6.8
5271.883683	39.82	---	68.20	28.38	V	-2.9
6962.910075	40.58	---	68.20	27.62	V	-1.3

Plots for Channel = 62

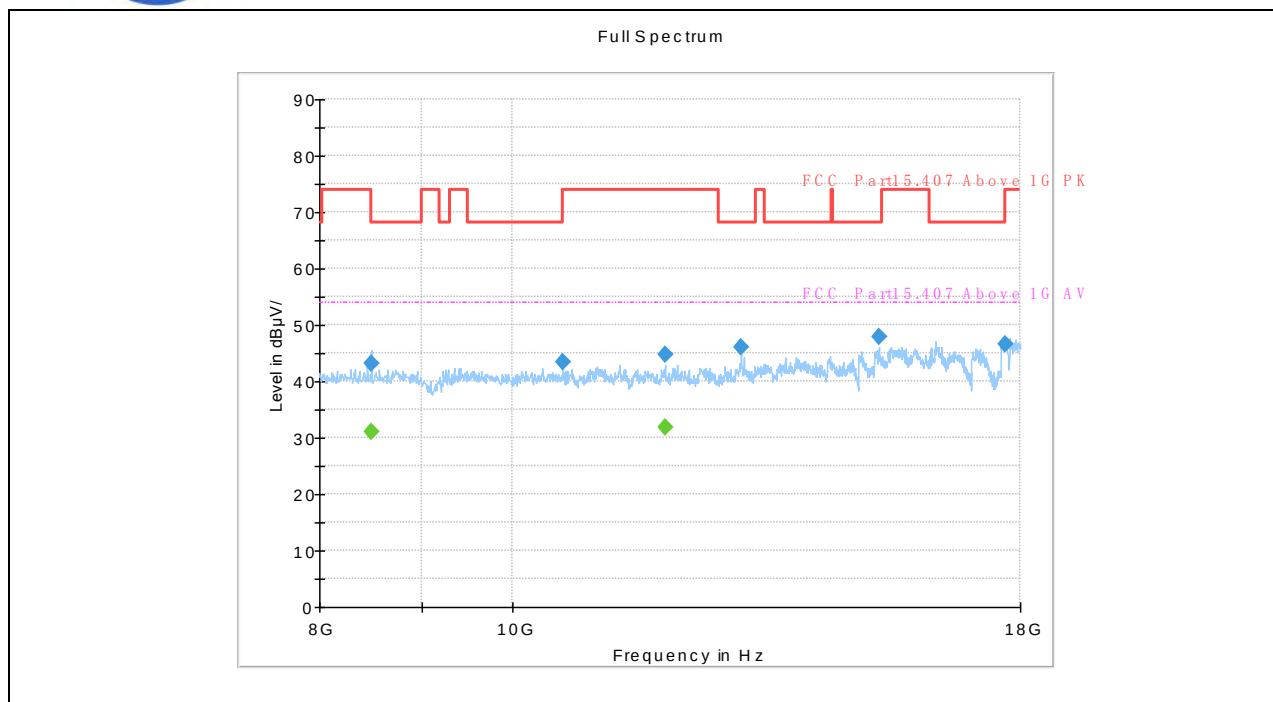


(802.11n _5310MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
39.861667	19.54	---	40.00	20.46	H	15.5
113.581667	18.52	---	43.50	24.98	H	13.6
281.351250	24.97	---	46.00	21.03	H	16.5
384.009583	28.26	---	46.00	17.74	H	18.7
460.922500	27.26	---	46.00	18.74	H	21.1
810.930833	33.54	---	46.00	12.46	H	26.2

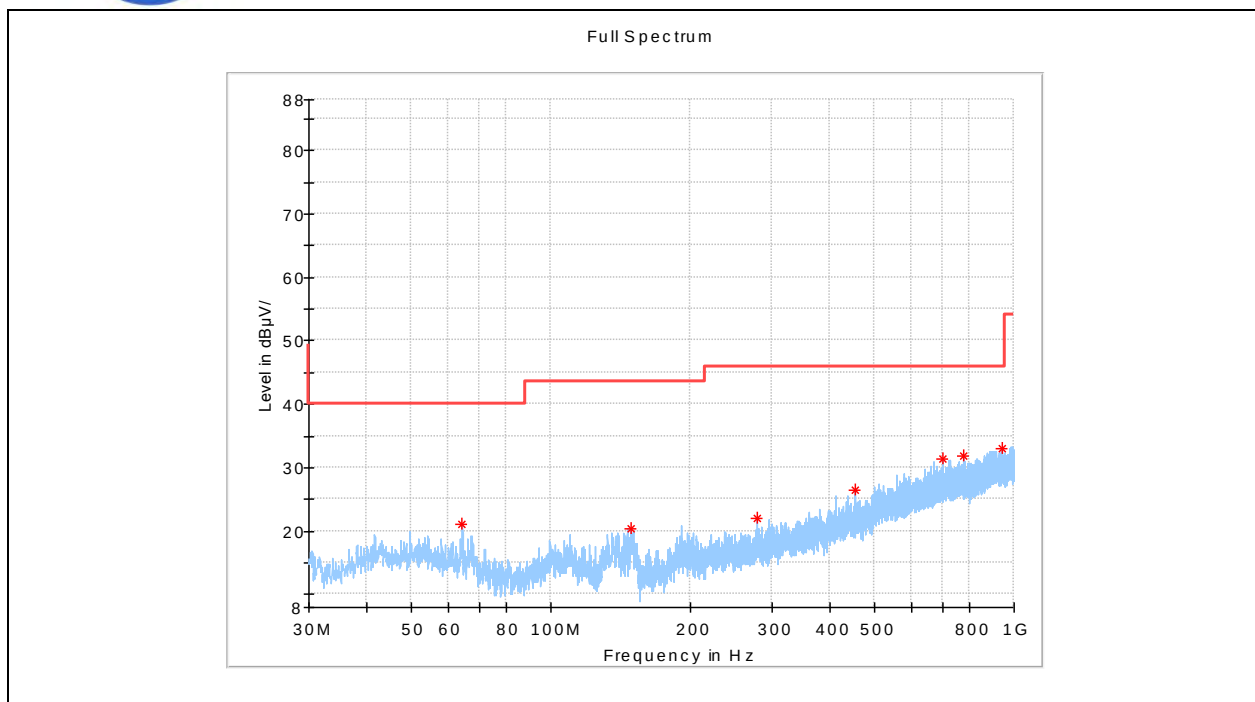


Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1023.171372	30.01	---	74.00	43.99	H	-17.7
1023.171372	---	18.55	54.00	35.45	H	-17.7
1801.267865	32.39	---	68.20	35.81	H	-13.9
2386.901669	33.91	---	74.00	40.09	H	-11.1
2386.901669	---	23.44	54.00	30.56	H	-11.1
3110.892803	36.88	---	68.20	31.32	H	-7.8
4407.477120	40.22	---	68.20	27.98	H	-4.3
6828.083058	40.98	---	68.20	27.22	H	-1.5

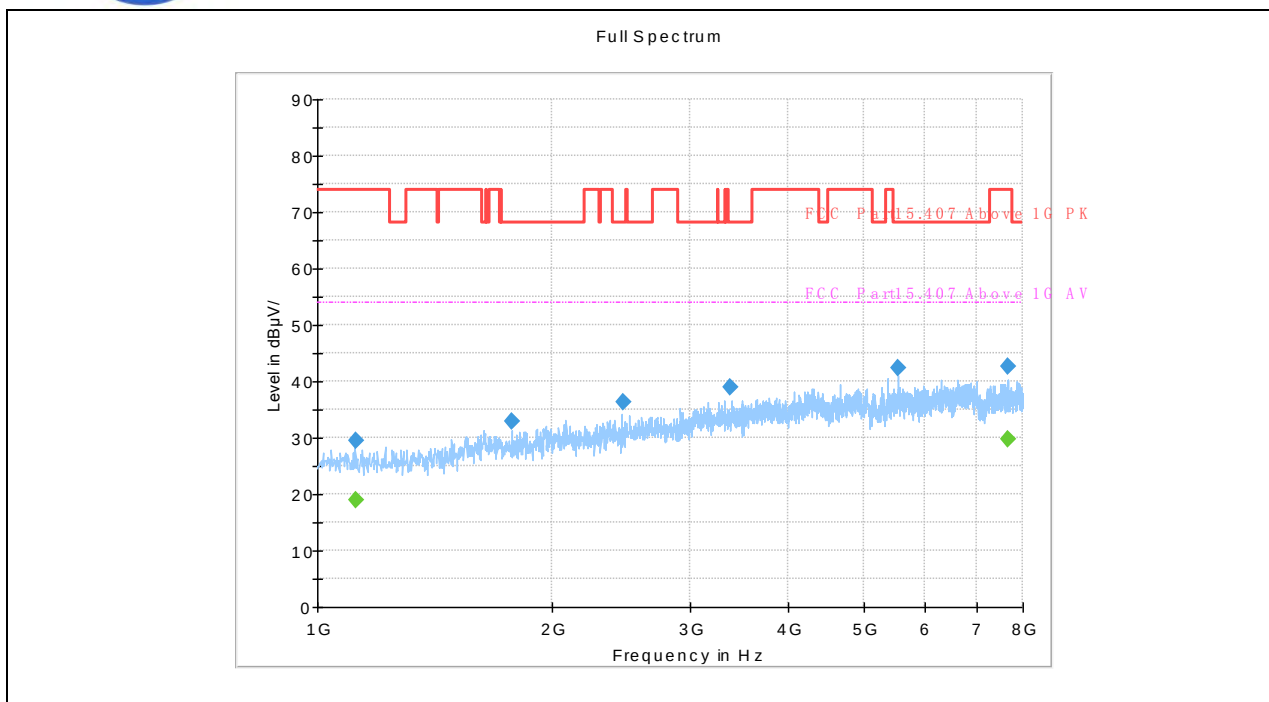


(802.11n _5310MHz, Antenna Horizontal, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8495.000000	---	31.03	54.00	22.97	H	1.0
8495.000000	43.27	---	74.00	30.73	H	1.0
10600.000000	43.50	---	68.20	24.70	H	2.7
11930.000000	---	31.73	54.00	22.27	H	3.7
11930.000000	44.62	---	74.00	29.38	H	3.7
13030.000000	45.96	---	68.20	22.24	H	6.2
15280.000000	47.90	---	68.20	20.30	H	9.9
17695.000000	46.70	---	68.20	21.50	H	14.3

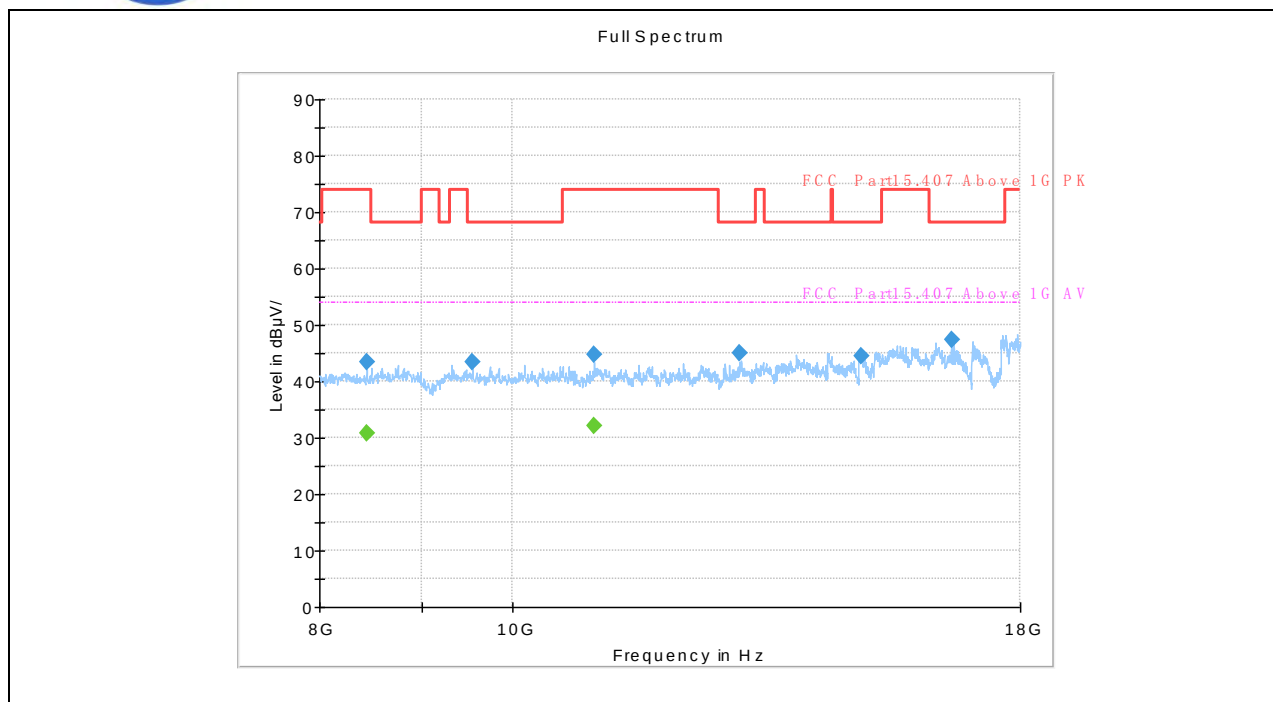


Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
64.394583	21.02	---	40.00	18.98	V	13.5
149.148333	20.29	---	43.50	23.21	V	11.4
278.158333	22.10	---	46.00	23.90	V	16.3
453.041250	26.38	---	46.00	19.62	V	19.8
700.674167	31.46	---	46.00	14.54	V	24.9
777.587083	31.79	---	46.00	14.21	V	26.0



(802.11n_5310MHz, Antenna Vertical, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1119.054278	---	18.84	54.00	35.16	V	-17.7
1119.054278	29.35	---	74.00	44.65	V	-17.7
1771.624154	33.01	---	68.20	35.19	V	-14.2
2462.189109	36.21	---	68.20	31.99	V	-11.1
3382.218704	39.07	---	68.20	29.13	V	-7.1
5529.362715	42.26	---	68.20	25.94	V	-2.7
7664.744345	42.62	---	74.00	31.38	V	0.3
7664.744345	---	29.81	54.00	24.19	V	0.3

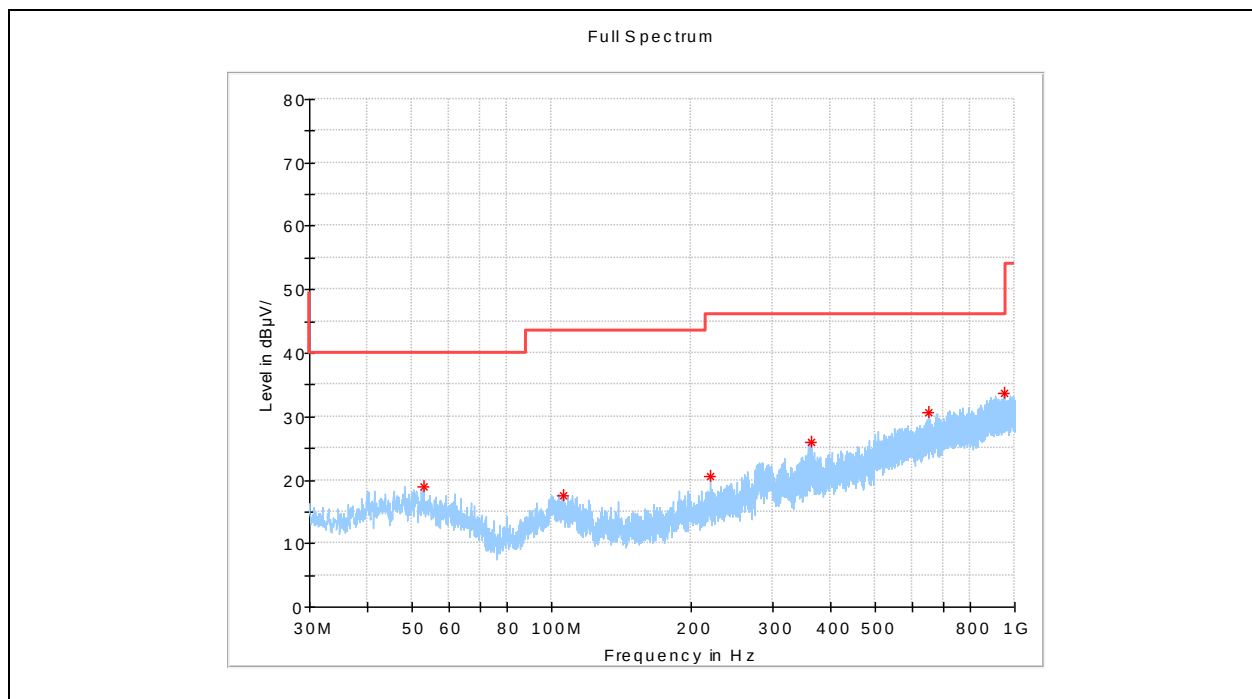


(802.11n _5310MHz, Antenna Vertical, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8450.000000	---	30.71	54.00	23.29	V	1.2
8450.000000	43.48	---	74.00	30.52	V	1.2
9550.000000	43.50	---	68.20	24.70	V	2.2
10990.00000	---	32.22	54.00	21.78	V	3.6
10990.00000	44.74	---	74.00	29.26	V	3.6
13005.00000	45.00	---	68.20	23.20	V	6.0
14975.00000	44.58	---	68.20	23.62	V	9.9
16620.00000	47.29	---	68.20	20.91	V	11.4

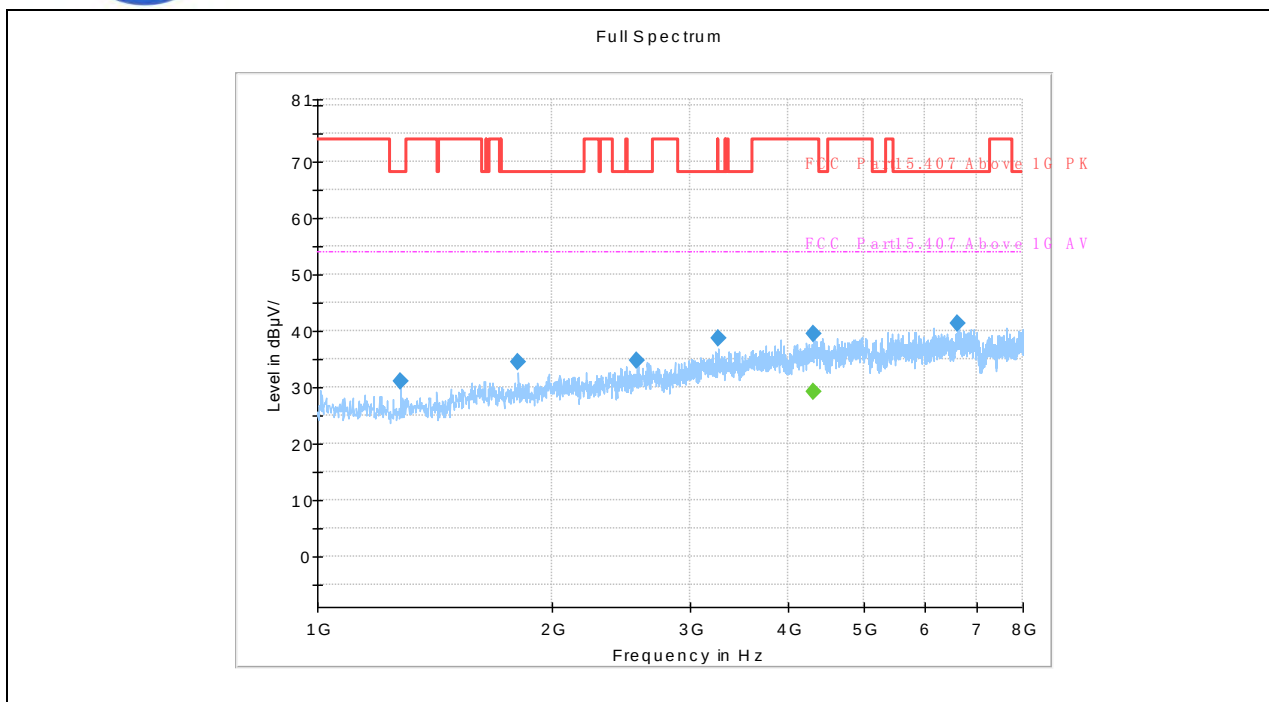


Plot for Channel = 151



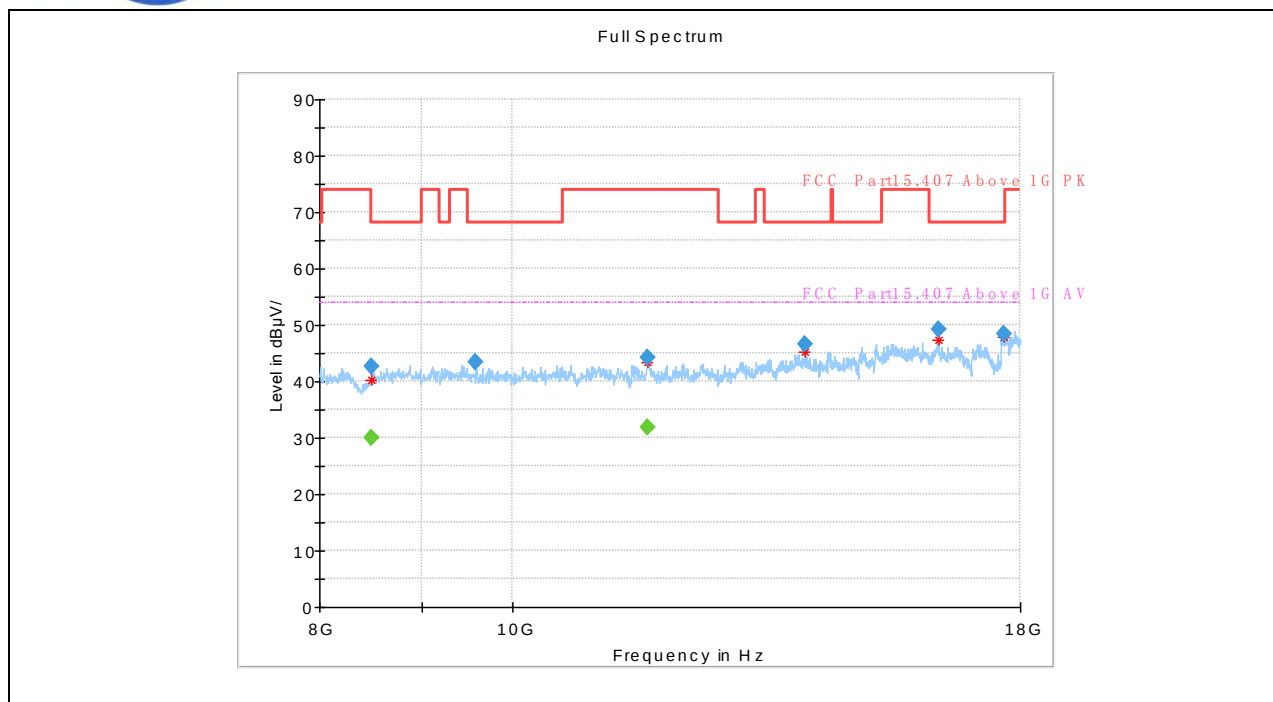
(802.11n _5755MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
52.997083	18.85	---	40.00	21.15	H	15.4
105.700417	17.59	---	43.50	25.91	H	14.2
219.958333	20.64	---	46.00	25.36	H	14.8
362.750417	26.07	---	46.00	19.93	H	18.3
652.578333	30.70	---	46.00	15.30	H	24.1
948.590000	33.65	---	46.00	12.35	H	28.3



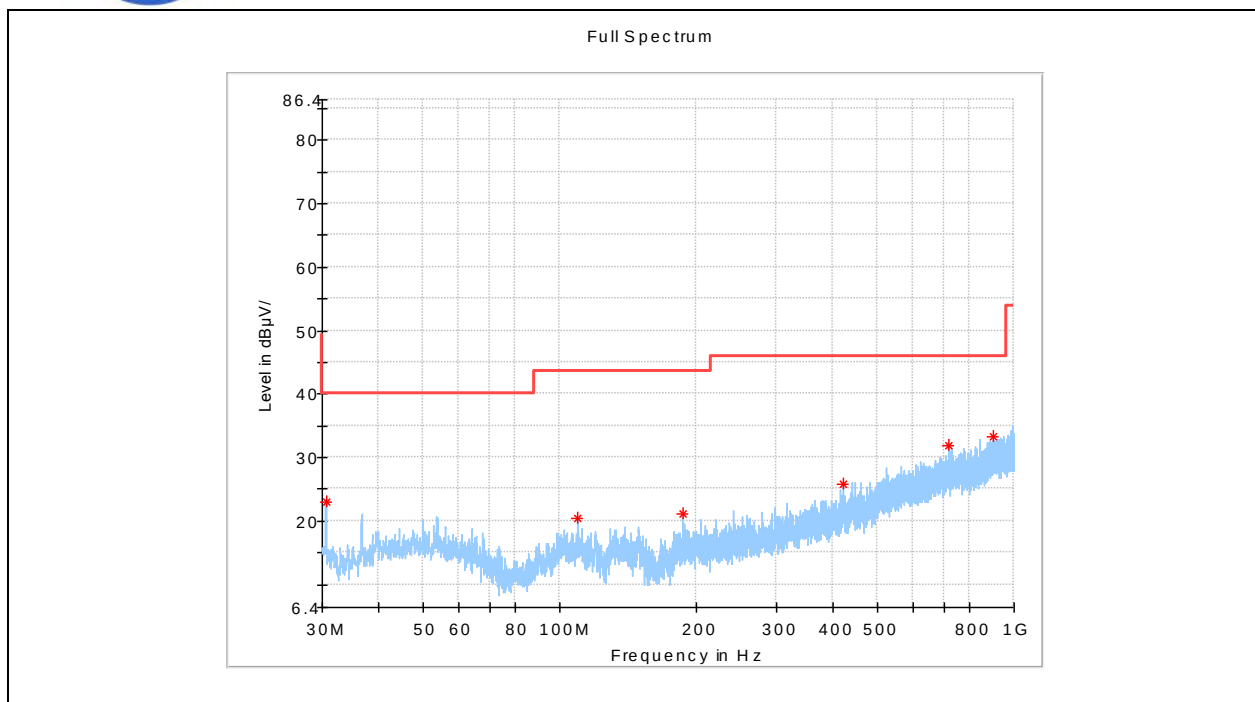
(802.11n _5755MHz, Antenna Horizontal, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1279.828577	31.12	---	68.20	37.08	H	-17.4
1805.100020	34.54	---	68.20	33.66	H	-14.0
2568.265941	34.63	---	68.20	33.57	H	-10.8
3258.859230	38.72	---	68.20	29.48	H	-7.4
4314.345736	---	29.08	54.00	24.92	H	-3.5
4314.345736	39.45	---	74.00	34.55	H	-3.5
6585.554019	41.18	---	68.20	27.02	H	-1.0



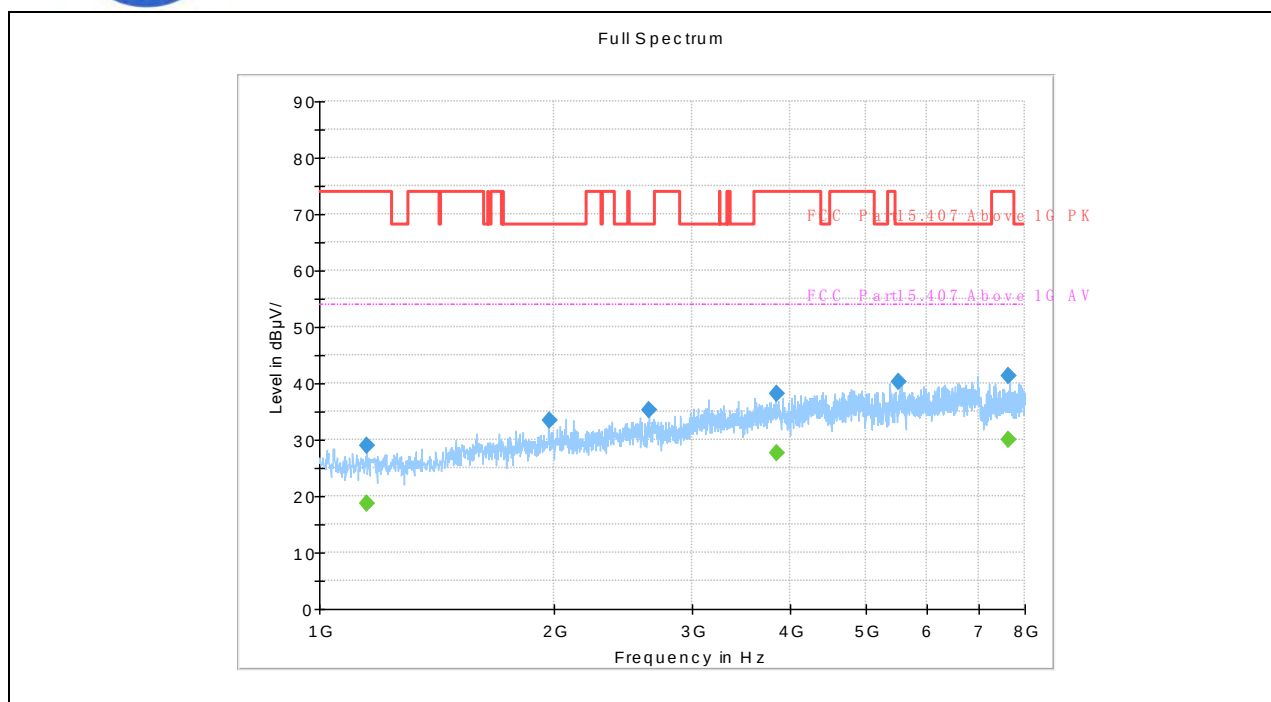
(802.11n _5755MHz, Antenna Horizontal, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8490.000000	---	30.04	54.00	23.97	H	1.0
8490.000000	42.56	---	74.00	31.44	H	1.0
9585.000000	43.48	---	68.20	24.72	H	2.1
11700.00000	44.31	---	74.00	29.69	H	4.0
11700.00000	---	31.76	54.00	22.24	H	4.0
14020.00000	46.47	---	68.20	21.73	H	8.4
16385.00000	49.09	---	68.20	19.11	H	11.5
17665.00000	48.32	---	68.20	19.88	H	14.0



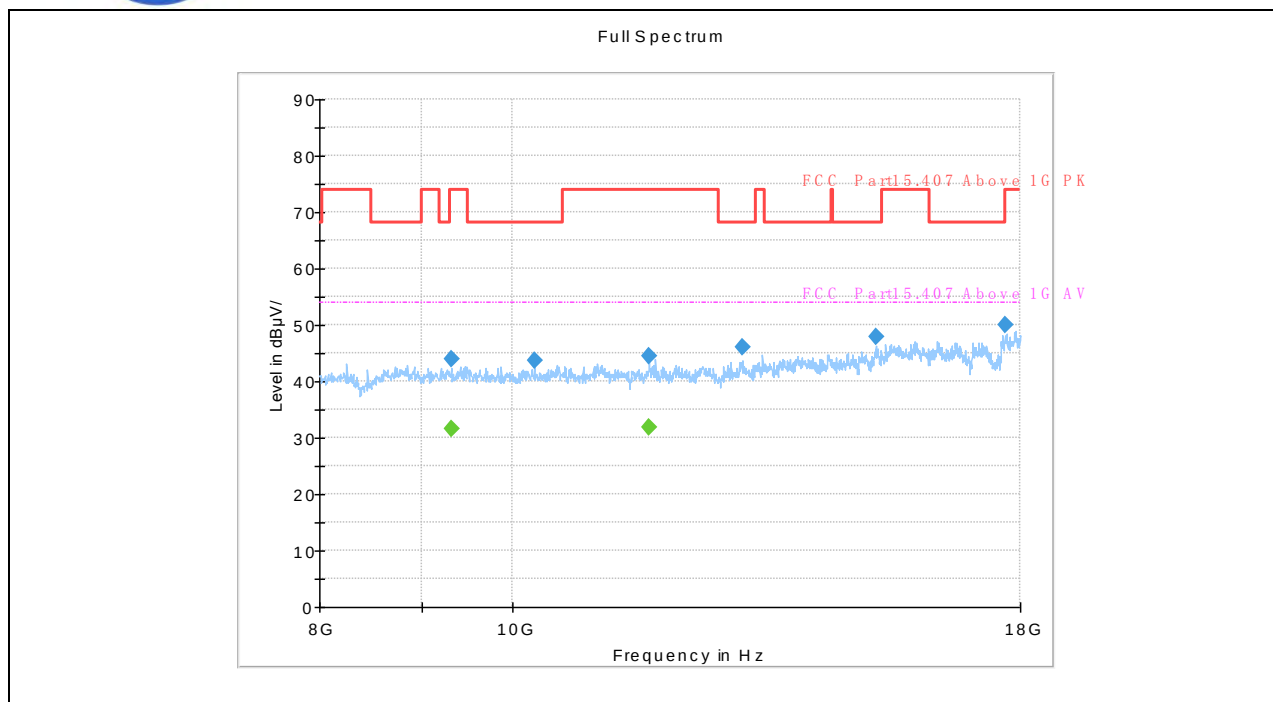
(802.11n_5755MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
30.606250	23.00	---	40.00	17.00	V	12.8
109.782500	20.40	---	43.50	23.10	V	14.9
186.250833	21.04	---	43.50	22.46	V	12.5
419.980417	25.75	---	46.00	20.25	V	20.3
718.821250	32.01	---	46.00	13.99	V	25.0
896.816250	33.32	---	46.00	12.68	V	28.0



(802.11n_5755MHz, Antenna Vertical, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1152.211300	---	18.56	54.00	35.44	V	-17.7
1152.211300	29.01	---	74.00	44.99	V	-17.7
1972.979300	33.47	---	68.20	34.73	V	-12.9
2643.738992	35.37	---	68.20	32.83	V	-9.6
3849.636930	---	27.68	54.00	26.32	V	-5.5
3849.636930	38.29	---	74.00	35.71	V	-5.5
5521.849976	40.35	---	68.20	27.85	V	-2.9
7637.200164	---	29.91	54.00	24.09	V	0.1
7637.200164	41.33	---	74.00	32.67		0.1

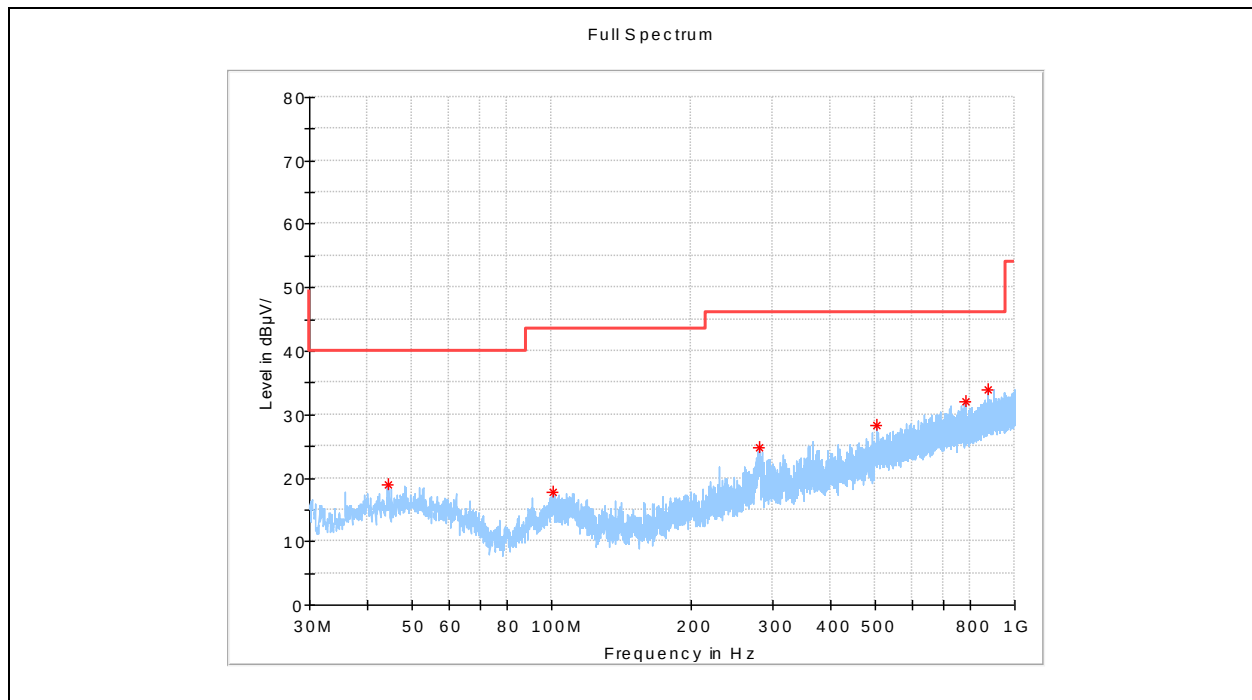


(802.11n _5755MHz, Antenna Vertical, 8GHz to 18GHz)

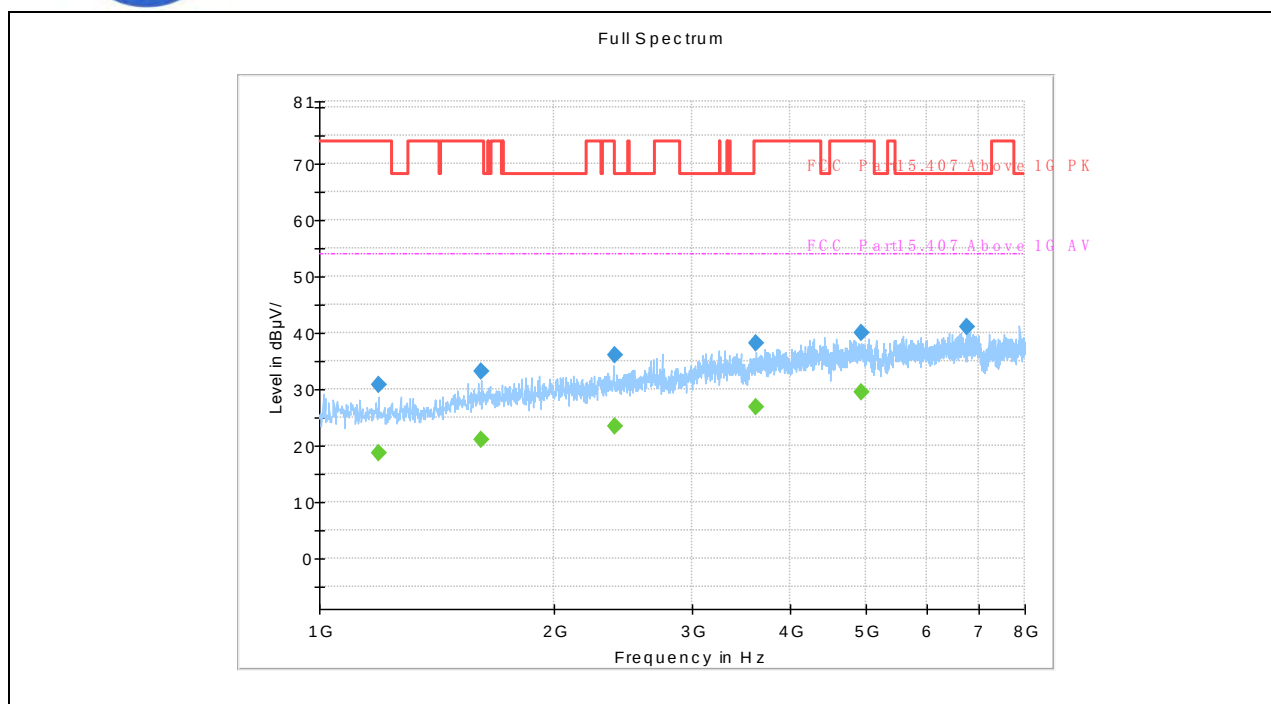
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
9315.000000	43.98	---	74.00	30.02	V	2.1
9315.000000	---	31.61	54.00	22.39	V	2.1
10255.00000	43.58	---	68.20	24.62	V	2.2
11715.00000	---	31.74	54.00	22.26	V	4.0
11715.00000	44.40	---	74.00	29.60	V	4.0
13055.00000	46.13	---	68.20	22.07	V	6.4
15225.00000	47.84	---	68.20	20.36	V	10.0
17680.00000	50.10	---	68.20	18.10	V	14.2



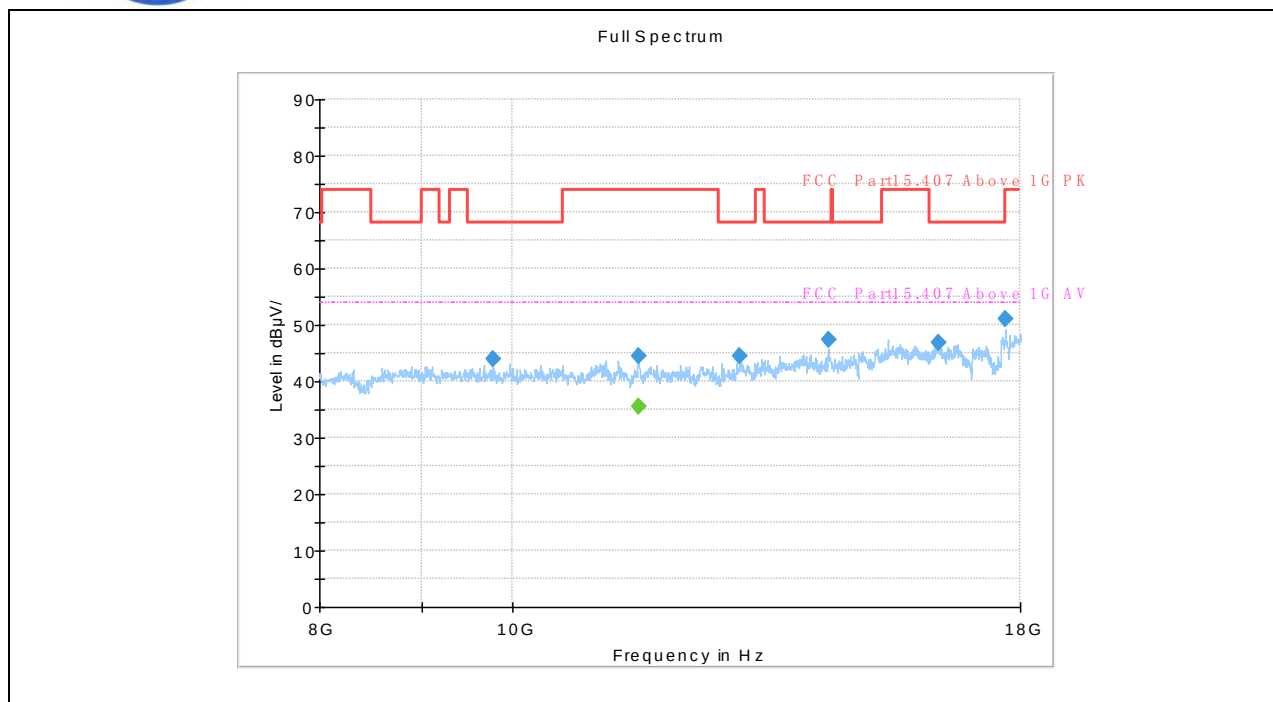
Plot for Channel = 159



Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
44.469167	18.96	---	40.00	21.04	H	15.4
100.971667	17.67	---	43.50	25.83	H	15.0
280.664167	24.74	---	46.00	21.26	H	16.7
501.945417	28.39	---	46.00	17.61	H	22.0
781.669167	32.03	---	46.00	13.97	H	26.0
875.597500	33.86	---	46.00	12.14	H	27.5

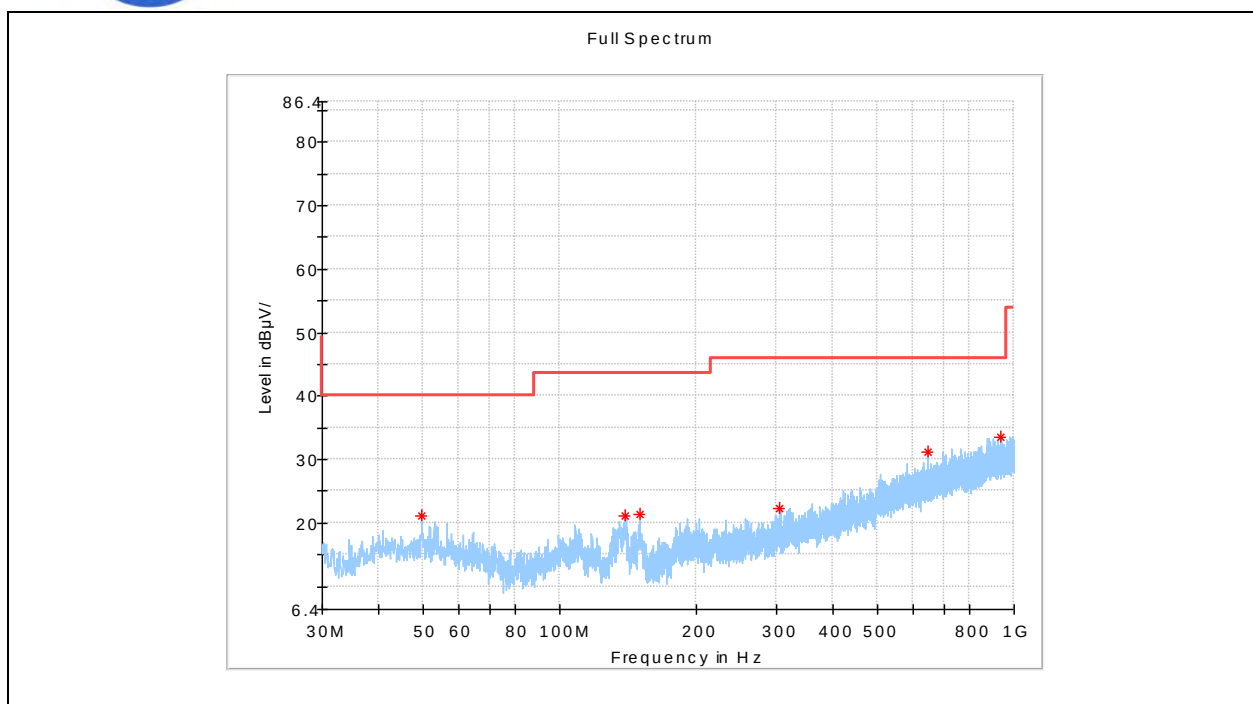


Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1191.288825	---	18.57	54.00	35.43	H	-17.9
1191.288825	30.81	---	74.00	43.19	H	-17.9
1611.027863	33.17	---	74.00	40.83	H	-14.7
1611.027863	---	20.90	54.00	33.10	H	-14.7
2386.521080	35.94	---	74.00	38.06	H	-11.1
2386.521080	---	23.43	54.00	30.57	H	-11.1
3619.725465	---	26.85	54.00	27.15	H	-6.4
3619.725465	38.04	---	74.00	35.96	H	-6.4
4949.413936	---	29.32	54.00	24.68	H	-2.7
4949.413936	40.02	---	74.00	33.98	H	-2.7
6735.057514	41.04	---	68.20	27.16	H	-1.4



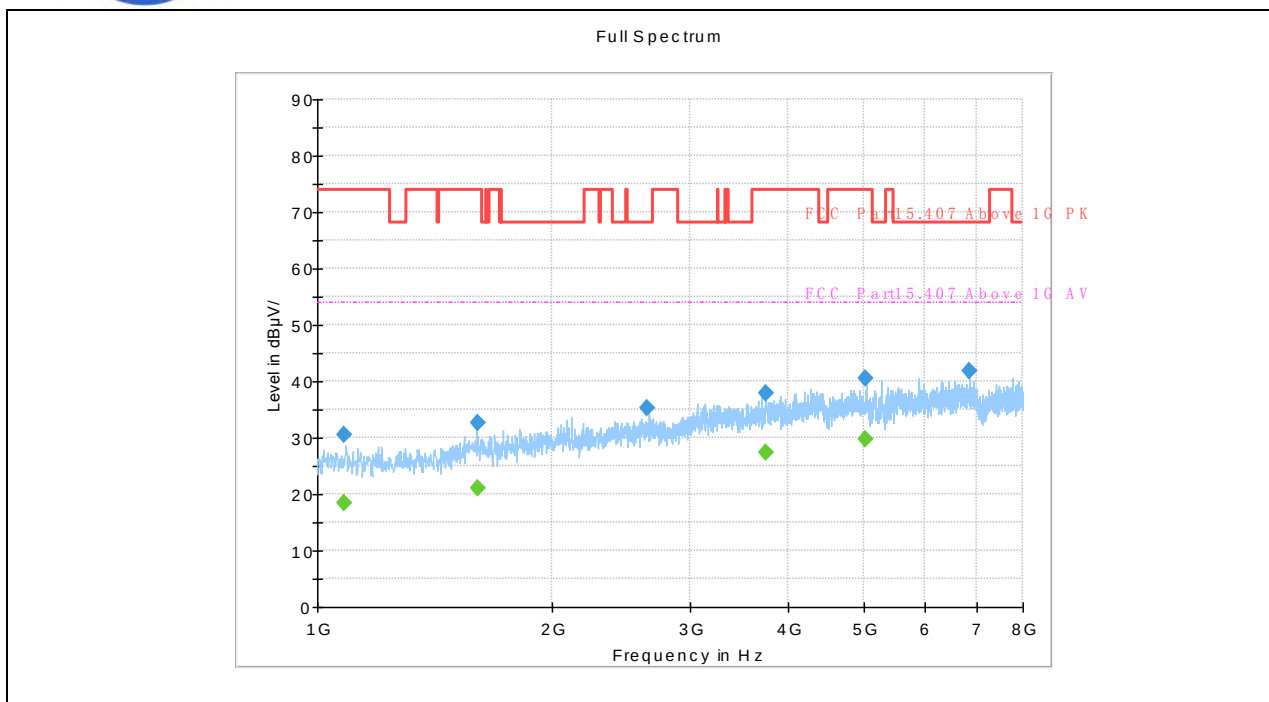
(802.11n _5795MHz, Antenna Horizontal, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
9775.000000	43.85	---	68.20	24.35	H	2.0
11570.00000	---	35.51	54.00	18.49	H	4.2
11570.00000	44.60	---	74.00	28.40	H	4.2
13010.00000	44.55	---	68.20	23.65	H	6.0
14410.00000	47.32	---	68.20	20.88	H	8.8
16380.00000	46.94	---	68.20	21.26	H	11.5
17700.00000	50.92	---	68.20	17.28	H	14.4



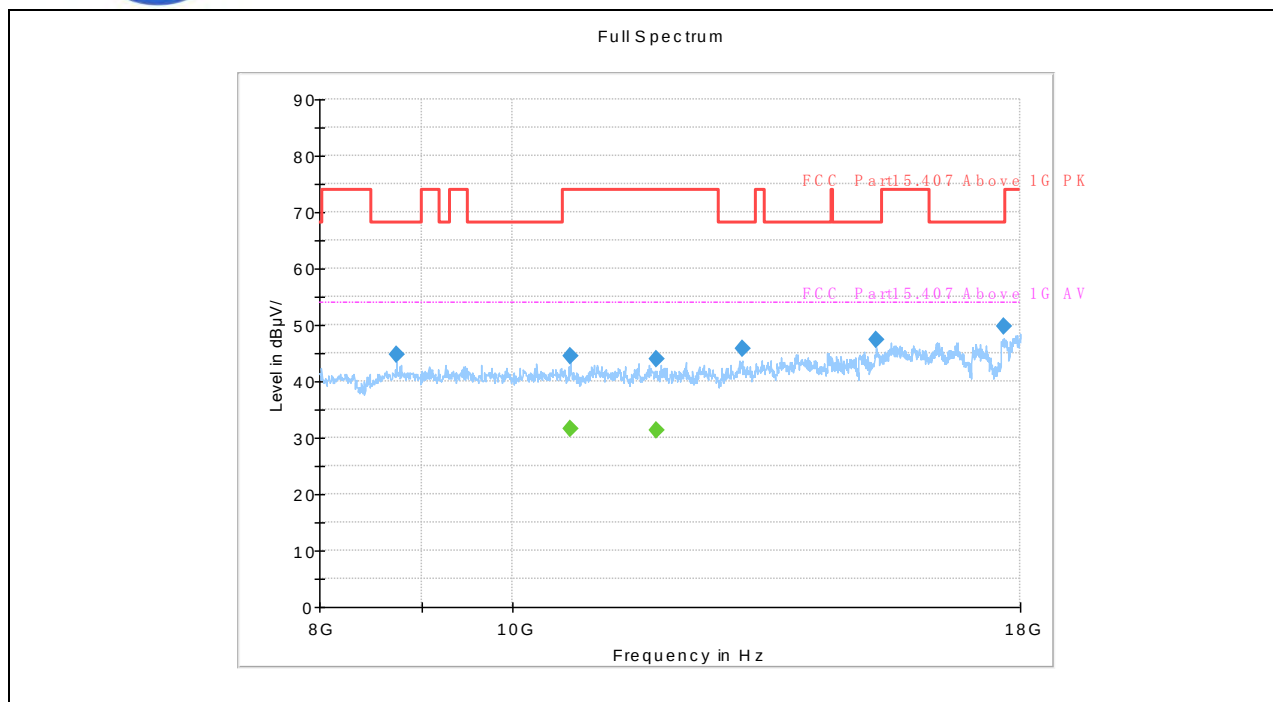
(802.11n_5795MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
49.763750	21.06	---	40.00	18.94	V	16.1
139.731250	21.08	---	43.50	22.42	V	12.0
150.118333	21.37	---	43.50	22.13	V	11.6
305.560833	22.35	---	46.00	23.65	V	16.7
646.313750	31.19	---	46.00	14.81	V	24.3
932.100000	33.46	---	46.00	12.54	V	28.1



(802.11n_5795MHz, Antenna Vertical, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1083.750344	---	18.31	54.00	35.69	V	-17.9
1083.750344	30.60	---	74.00	45.40	V	-17.9
1601.556194	---	21.00	54.00	33.00	V	-14.6
1601.556194	32.58	---	74.00	41.42	V	-14.6
2648.038273	35.13	---	68.20	33.07	V	-9.5
3758.358381	---	27.31	54.00	26.69	V	-5.7
3758.358381	37.86	---	74.00	36.14	V	-5.7
5040.254017	40.49	---	74.00	33.51	V	-2.9
5040.254017	---	29.63	54.00	24.37	V	-2.9
6835.732733	41.93	---	68.20	26.27	V	-1.5



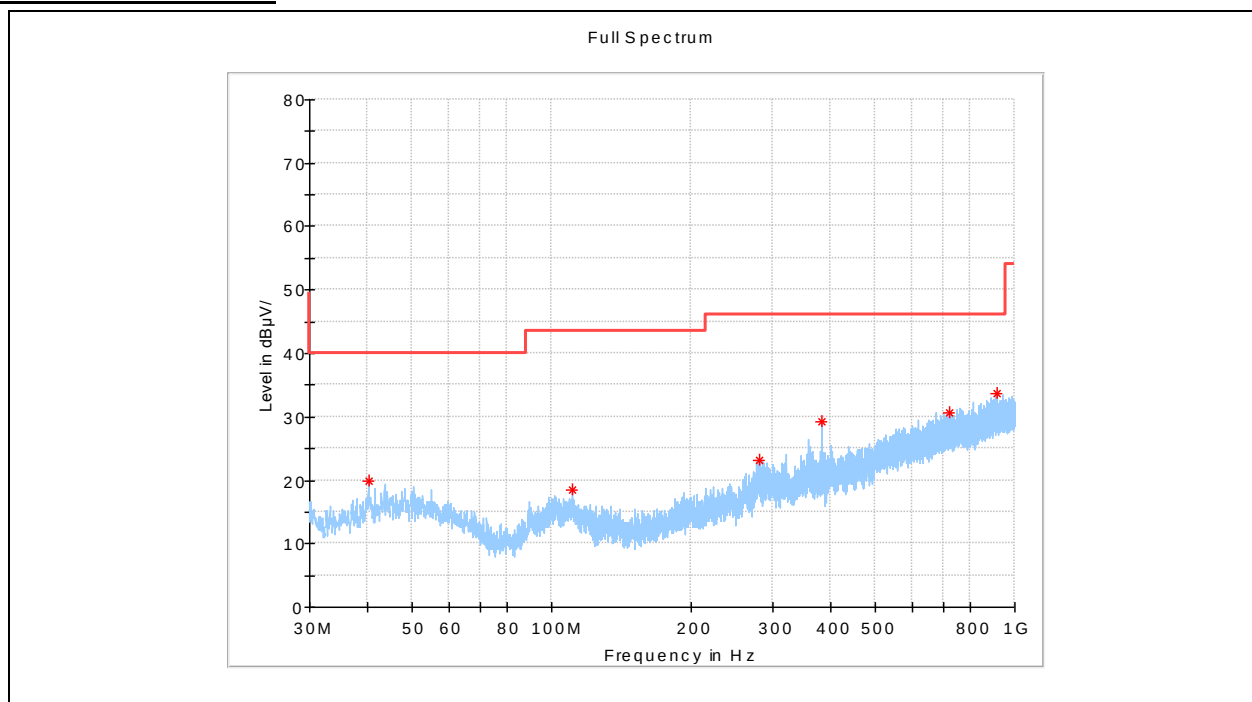
(802.11n _5795MHz, Antenna Vertical, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8750.000000	44.80	---	68.20	23.40	V	1.7
10695.00000	---	31.48	54.00	22.52	V	2.5
10695.00000	44.37	---	74.00	29.63	V	2.5
11815.00000	43.95	---	74.00	30.05	V	3.5
11815.00000	---	31.23	54.00	22.77	V	3.5
13045.00000	45.79	---	68.20	22.41	V	6.3
15230.00000	47.47	---	68.20	20.73	V	10.0
17660.00000	49.66	---	68.20	18.54	V	14.0



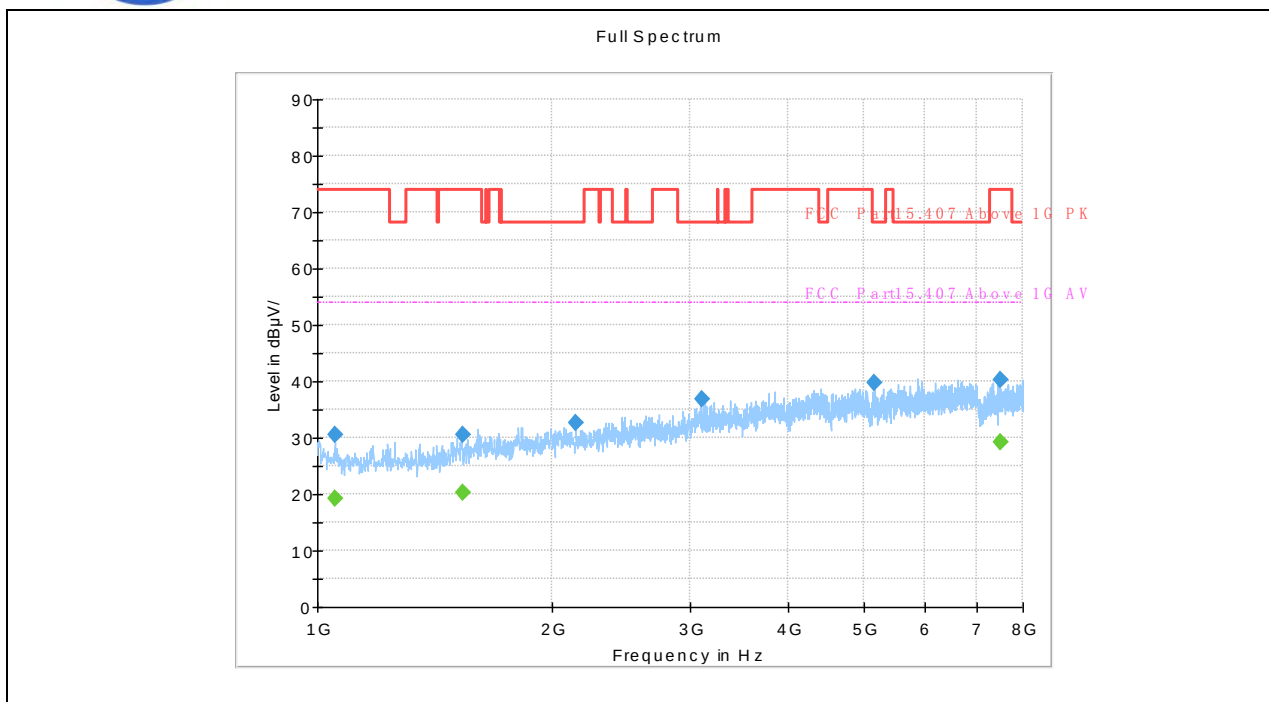
802.11ac (HT80) Test mode

Plot for Channel = 42



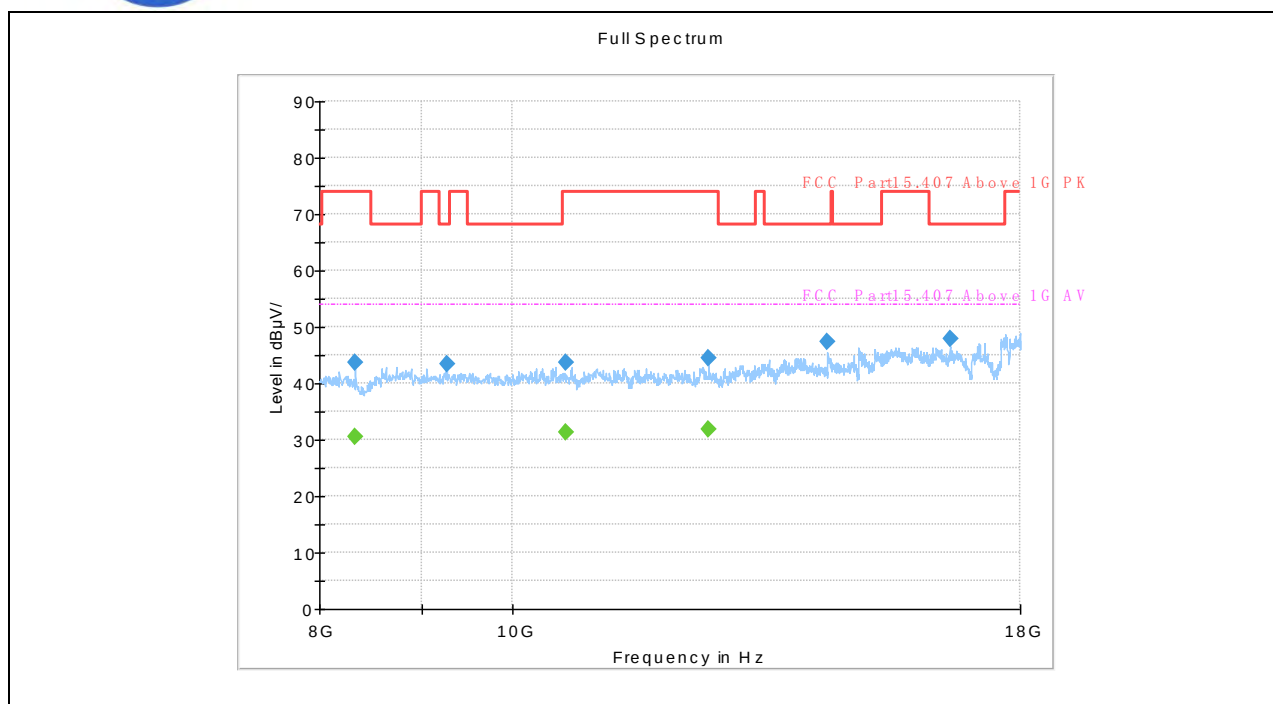
(802.11ac _5210MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
40.265833	19.83	---	40.00	20.17	H	15.5
110.671667	18.50	---	43.50	25.00	H	14.6
281.149167	23.16	---	46.00	22.84	H	16.6
384.009583	29.15	---	46.00	16.85	H	18.7
723.832917	30.70	---	46.00	15.30	H	25.1
917.752083	33.61	---	46.00	12.39	H	28.0



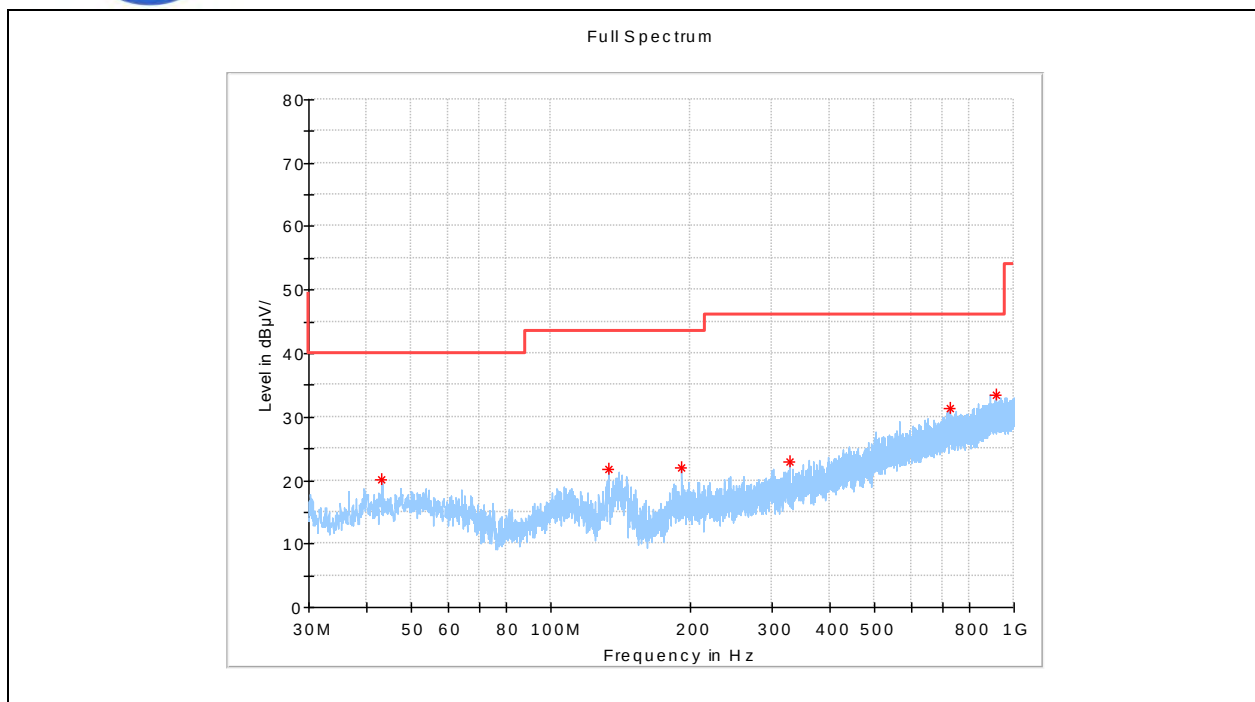
(802.11ac _5210MHz, Antenna Horizontal, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1056.131125	30.43	---	74.00	43.57	H	-18.0
1056.131125	---	19.10	54.00	34.90	H	-18.0
1537.468719	30.63	---	74.00	43.37	H	-15.4
1537.468719	---	20.34	54.00	33.66	H	-15.4
2141.576817	32.64	---	68.20	35.56	H	-12.9
3112.469750	36.97	---	68.20	31.23	H	-7.8
5162.246115	39.79	---	68.20	28.41	H	-3.0
7490.698186	---	29.33	54.00	24.67	H	-0.3
7490.698186	40.20	---	74.00	33.80	H	-0.3



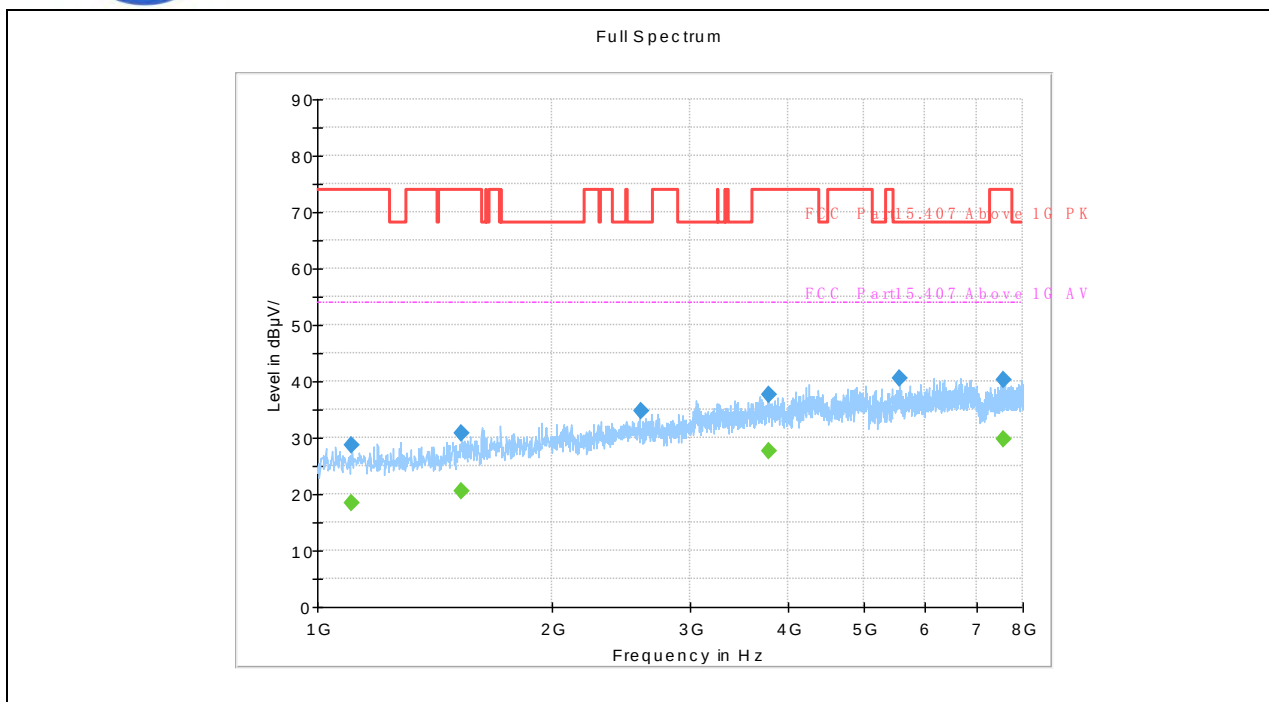
(802.11ac_5210MHz, Antenna Horizontal, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8335.000000	---	30.43	54.00	23.57	H	1.4
8335.000000	43.58	---	74.00	30.42	H	1.4
9270.000000	43.53	---	68.20	24.67	H	2.2
10645.00000	43.79	---	74.00	30.21	H	2.6
10645.00000	---	31.36	54.00	22.64	H	2.6
12550.00000	---	31.76	54.00	22.24	H	4.8
12550.00000	44.44	---	74.00	29.56	H	4.8
14405.00000	47.24	---	68.20	20.96		8.9
16590.00000	47.94	---	68.20	20.26		11.5



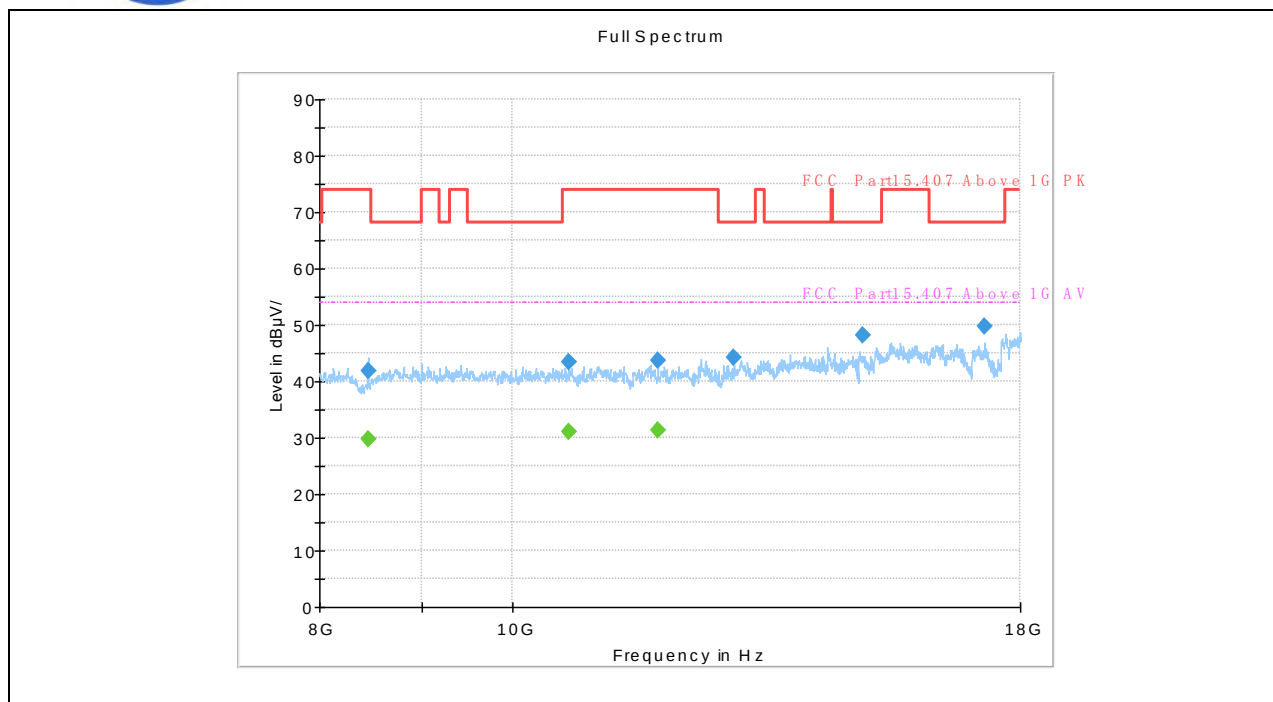
(802.11ac_5210MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
43.216250	20.14	---	40.00	19.86	V	15.3
132.981667	21.86	---	43.50	21.64	V	11.2
191.990000	22.05	---	43.50	21.45	V	13.4
327.022083	22.94	---	46.00	23.06	V	17.3
728.763750	31.45	---	46.00	14.55	V	25.3
917.792500	33.56	---	46.00	12.44	V	28.0



(802.11ac_5210MHz, Antenna Vertical, 1GHz to 8GHz)

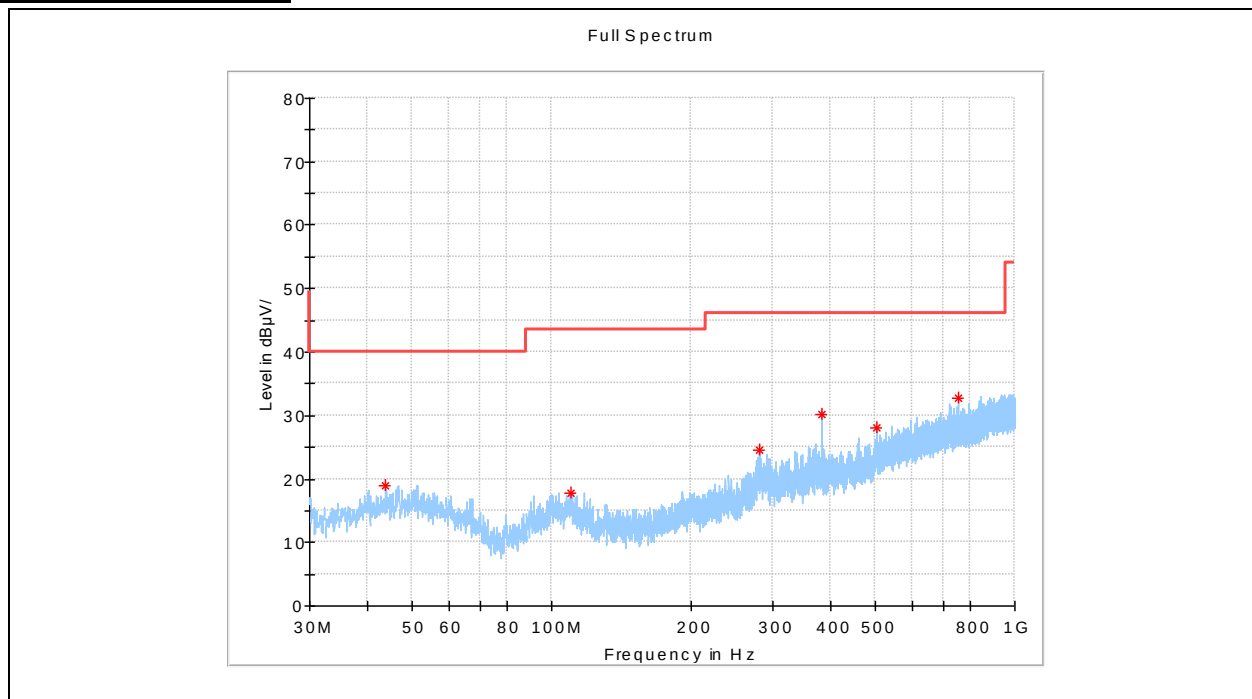
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1107.400245	28.56	---	74.00	45.44	V	-17.5
1107.400245	---	18.40	54.00	35.60	V	-17.5
1528.273410	---	20.46	54.00	33.54	V	-15.4
1528.273410	30.77	---	74.00	43.23	V	-15.4
2599.054100	34.71	---	68.20	33.49	V	-10.6
3782.212150	37.57	---	74.00	36.43	V	-5.8
3782.212150	---	27.52	54.00	26.48	V	-5.8
5553.831788	40.42	---	68.20	27.78	V	-2.4
7573.819161	---	29.74	54.00	24.26	V	-0.1
7573.819161	40.14	---	74.00	33.86	V	-0.1



(802.11ac _5210MHz, Antenna Vertical, 8GHz to 18GHz)

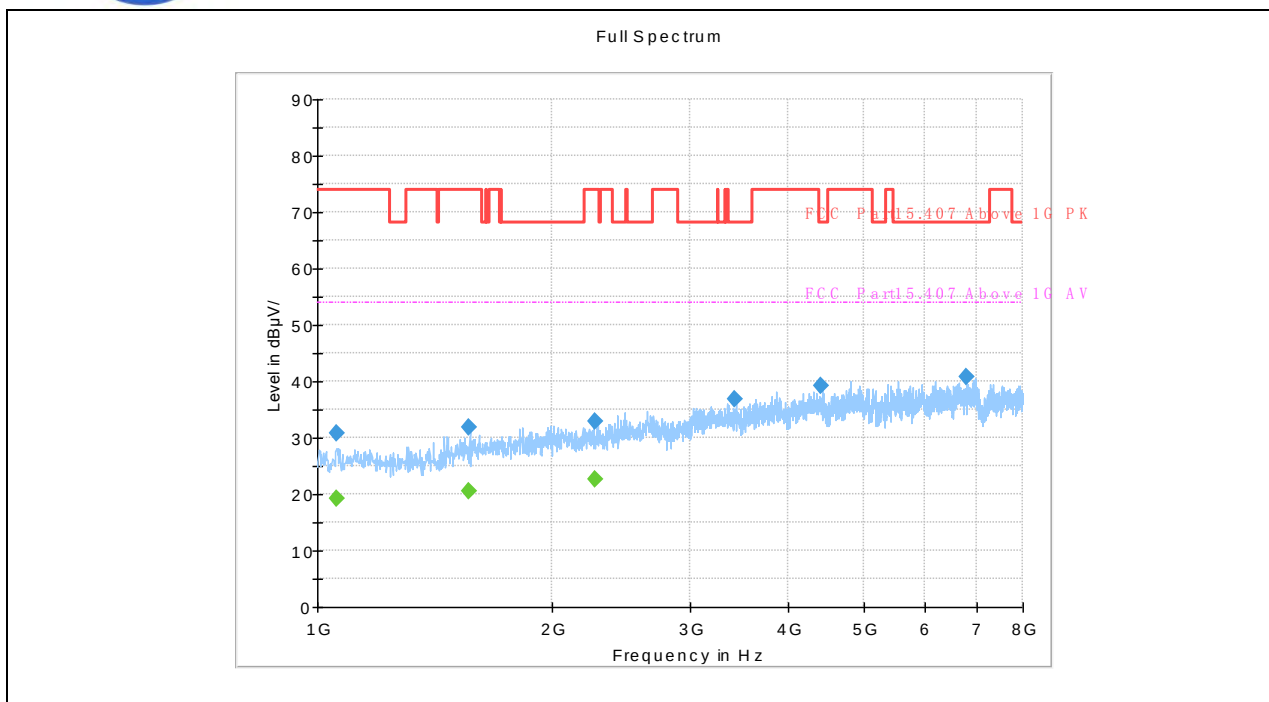
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8460.000000	41.91	---	74.00	32.09	V	1.1
8460.000000	---	29.83	54.00	24.17	V	1.1
10680.00000	---	31.15	54.00	22.85	V	2.4
10680.00000	43.47	---	74.00	30.53	V	2.4
11835.00000	43.81	---	74.00	30.19	V	3.7
11835.00000	---	31.35	54.00	22.65	V	3.7
12930.00000	44.10	---	68.20	24.10	V	5.6
15000.00000	48.15	---	68.20	20.05	V	10.2

Plots for Channel = 58



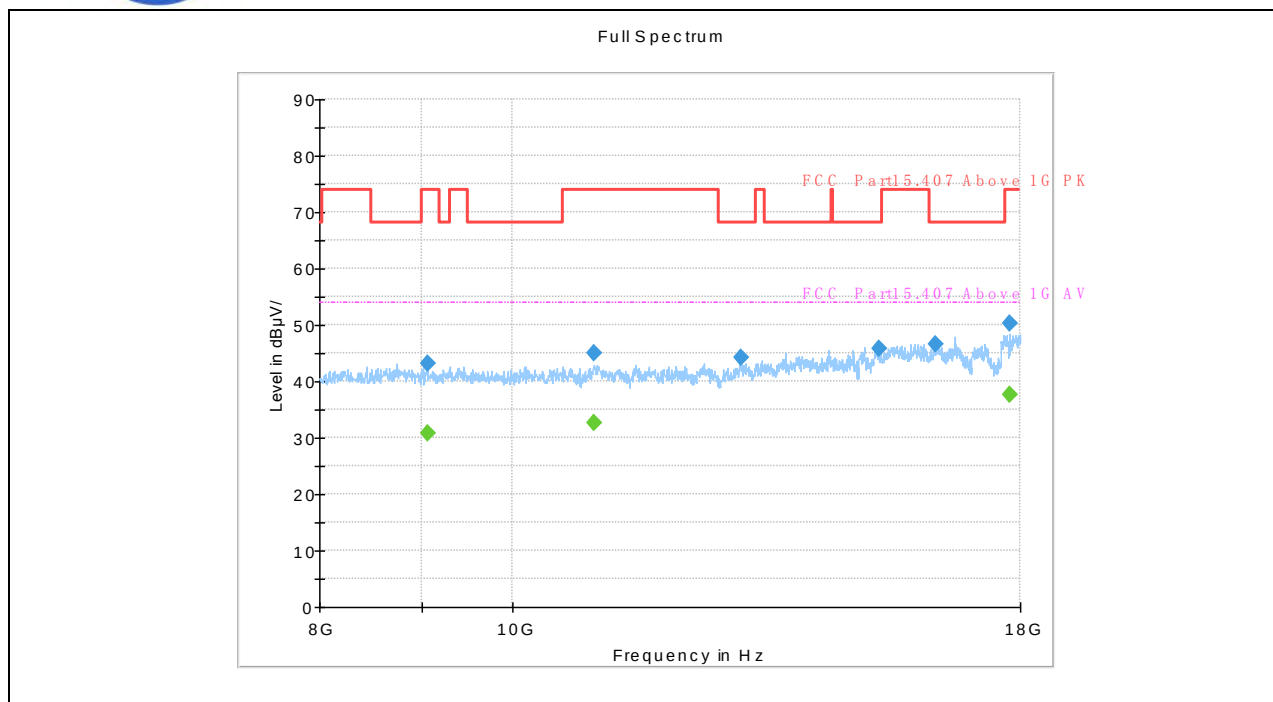
(802.11ac _5290MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
43.862917	19.00	---	40.00	21.00	H	15.3
110.105833	17.88	---	43.50	25.62	H	14.9
280.664167	24.65	---	46.00	21.35	H	16.7
383.969167	30.16	---	46.00	15.84	H	18.7
502.430417	28.01	---	46.00	17.99	H	22.0
753.943333	32.65	---	46.00	13.35	H	26.1



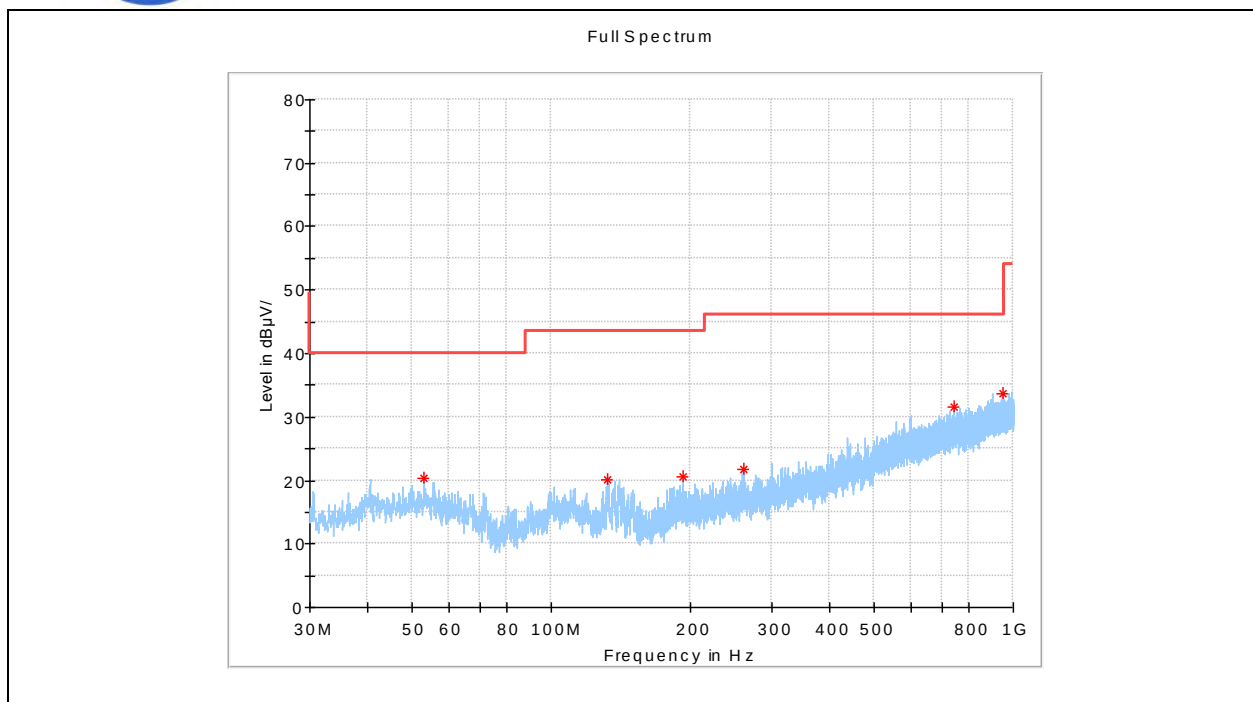
(802.11ac _5290MHz, Antenna Horizontal, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1058.455675	30.78	---	74.00	43.22	H	-18.0
1058.455675	---	19.09	54.00	34.91	H	-18.0
1565.977533	31.97	---	74.00	42.03	H	-15.0
1565.977533	---	20.53	54.00	33.47	H	-15.0
2271.604229	32.96	---	74.00	41.04	H	-12.2
2271.604229	---	22.61	54.00	31.39	H	-12.2
3424.797365	36.94	---	68.20	31.26	H	-6.8
4411.862298	39.21	---	68.20	28.99	H	-4.3
6777.806062	40.74	---	68.20	27.46	H	-1.4



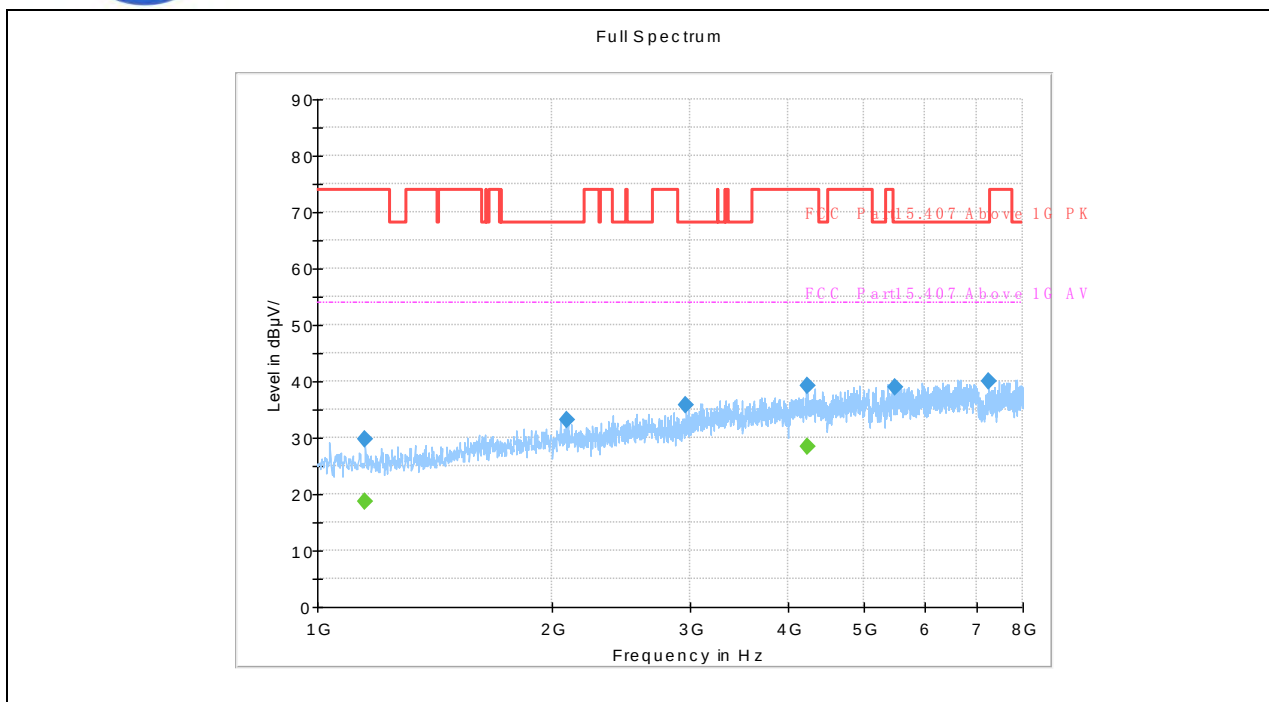
(802.11ac _5290MHz, Antenna Horizontal, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
9070.000000	43.28	---	74.00	30.72	H	1.5
9070.000000	---	30.90	54.00	23.10	H	1.5
10985.000000	---	32.55	54.00	21.45	H	3.6
10985.000000	44.94	---	74.00	29.06	H	3.6
13030.000000	44.08	---	68.20	24.12	H	6.2
15280.000000	45.86	---	68.20	22.34	H	9.9
16315.000000	46.71	---	68.20	21.49	H	11.3
17780.000000	50.38	---	74.00	23.62	H	14.5
17780.000000	---	37.68	54.00	16.32	H	14.5



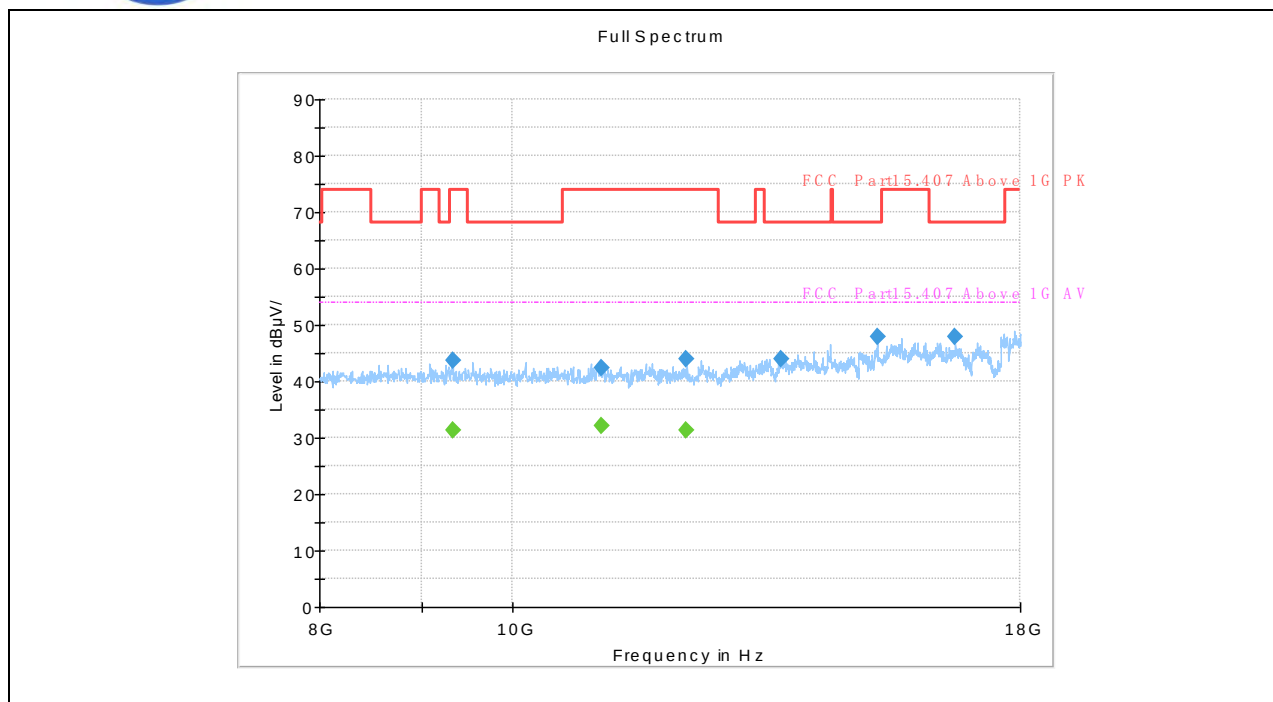
(802.11ac_5290MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
53.037500	20.31	---	40.00	19.69	V	15.4
132.213750	20.09	---	43.50	23.41	V	11.4
192.677083	20.60	---	43.50	22.90	V	13.4
260.536667	21.79	---	46.00	24.21	V	16.0
743.879583	31.65	---	46.00	14.35	V	25.9
947.296667	33.77	---	46.00	12.23	V	28.3



(802.11ac_5290MHz, Antenna Vertical, 1GHz to 8GHz)

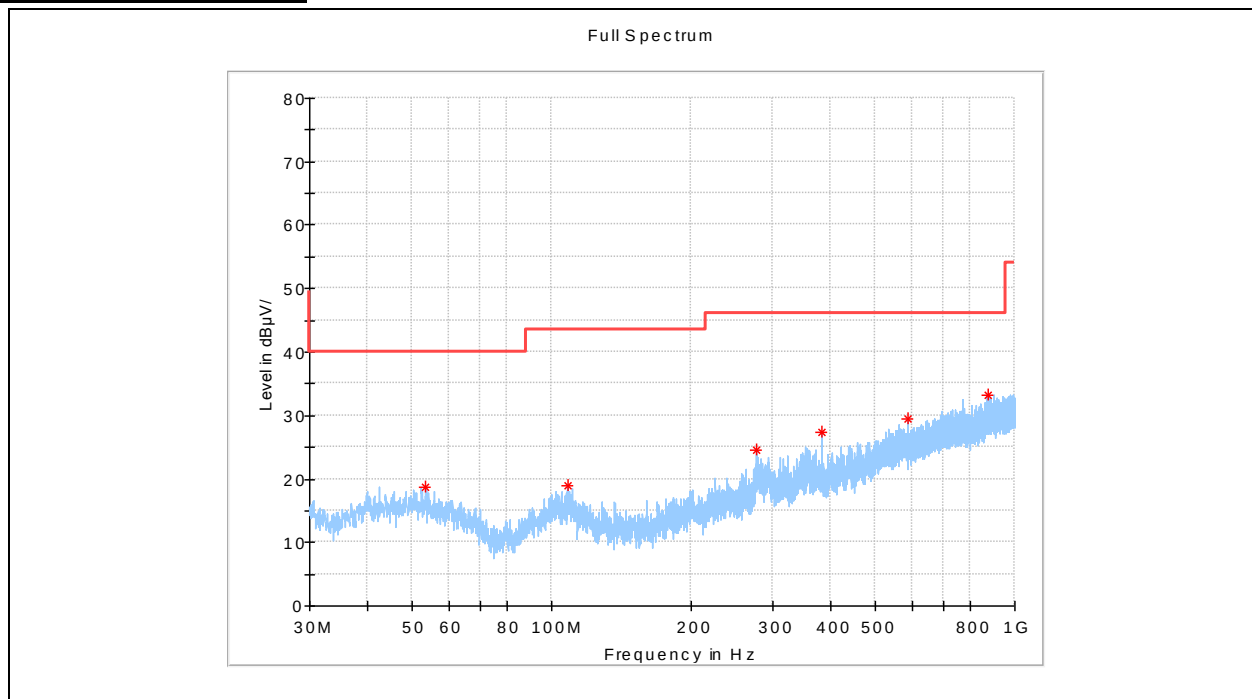
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1151.383009	29.66	---	74.00	44.34	V	-17.7
1151.383009	---	18.64	54.00	35.36	V	-17.7
2090.671400	33.07	---	68.20	35.13	V	-12.1
2966.050560	35.79	---	68.20	32.41	V	-8.8
4234.645890	39.22	---	74.00	34.78	V	-4.5
4234.645890	---	28.46	54.00	25.54	V	-4.5
5488.448116	38.95	---	68.20	29.25	V	-3.1
7233.471963	39.91	---	68.20	28.29	V	-0.6



(802.11ac _5290MHz, Antenna Vertical, 8GHz to 18GHz)

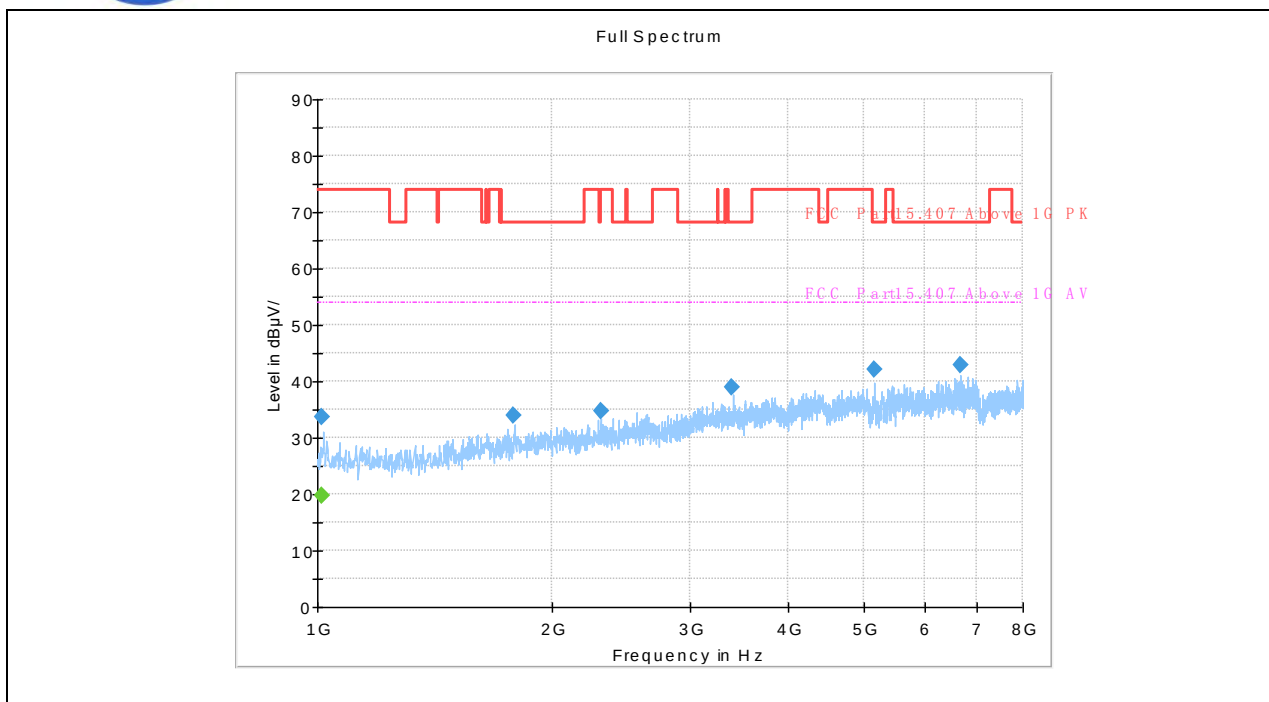
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
9330.000000	---	31.20	54.00	22.80	V	2.1
9330.000000	43.60	---	74.00	30.40	V	2.1
11080.00000	---	32.05	54.00	21.95	V	3.7
11080.00000	42.44	---	74.00	31.56	V	3.7
12235.00000	---	31.41	54.00	22.59	V	4.0
12235.00000	43.94	---	74.00	30.06	V	4.0
13645.00000	43.94	---	68.20	24.26	V	7.1
15250.00000	47.84	---	68.20	20.36	V	10.0
16700.00000	47.94	---	68.20	20.26	V	11.8

Plots for Channel = 155



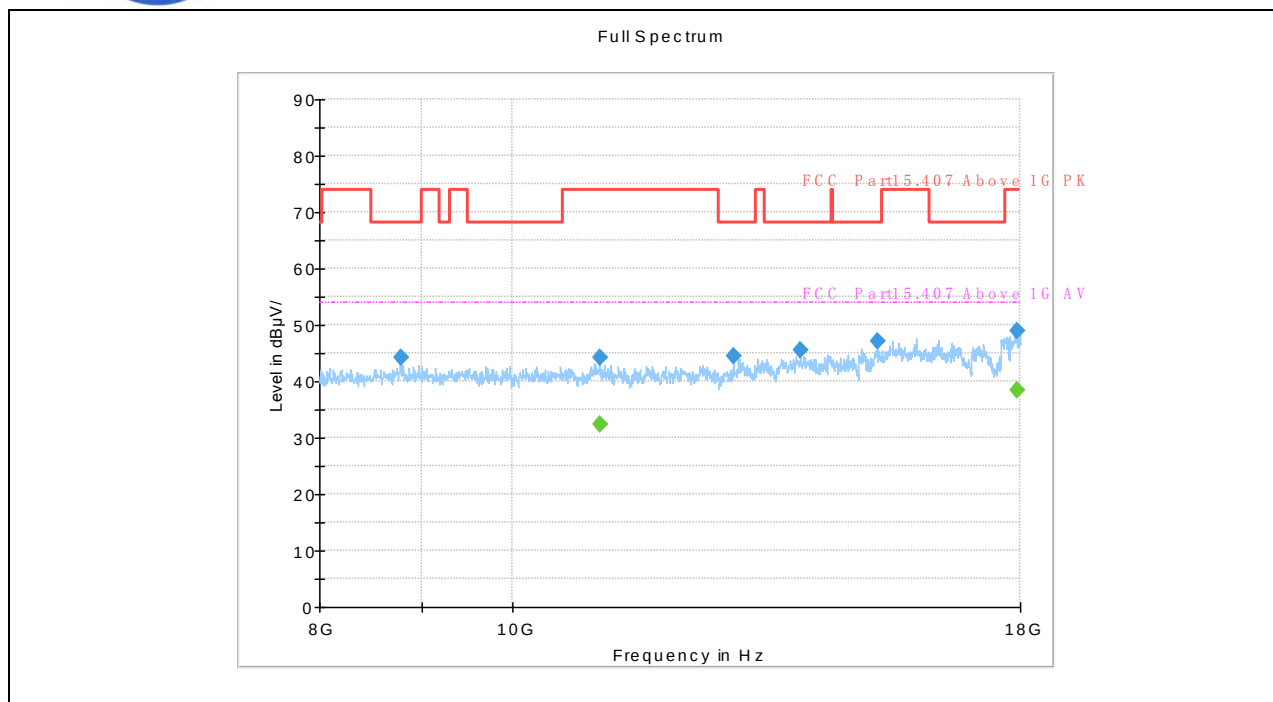
(802.11ac _5745MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
53.522500	18.62	---	40.00	21.38	H	15.4
108.044583	18.86	---	43.50	24.64	H	14.6
276.056667	24.46	---	46.00	21.54	H	15.7
384.009583	27.33	---	46.00	18.67	H	18.7
588.437083	29.37	---	46.00	16.63	H	23.2
872.889583	33.25	---	46.00	12.75	H	27.4



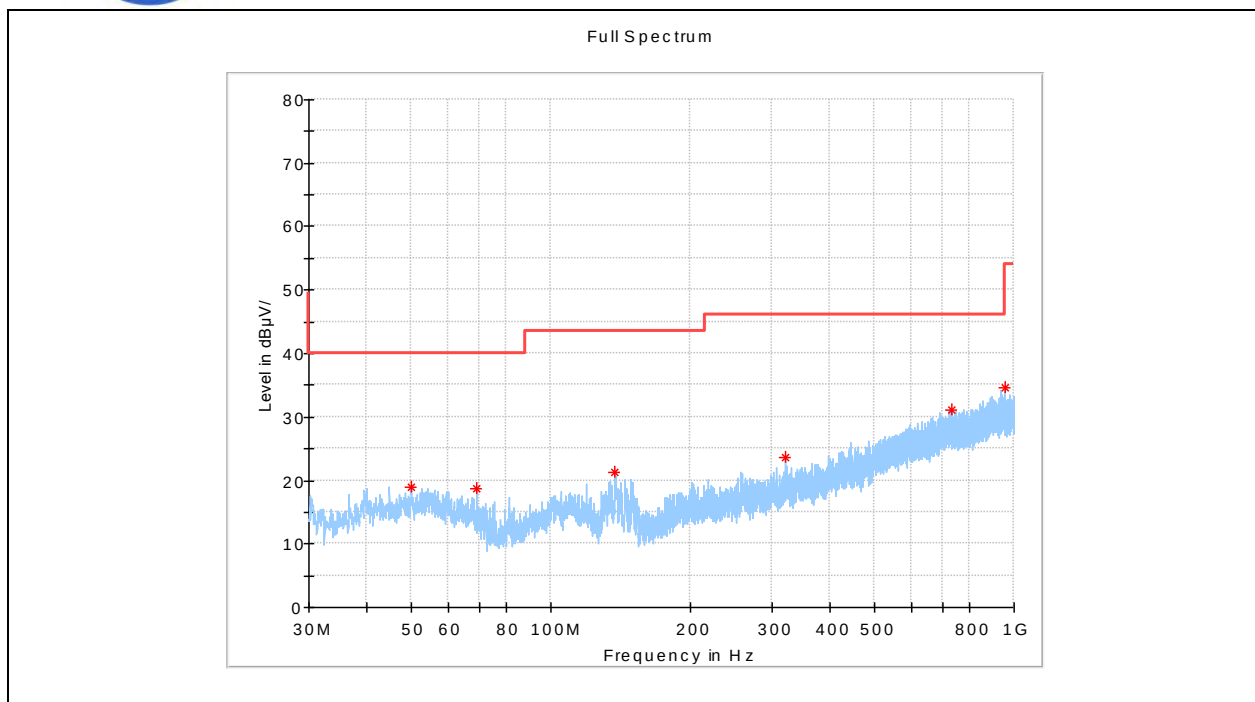
(802.11ac_5745MHz, Antenna Horizontal, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1013.012825	31.63	---	74.00	42.37	H	-17.8
1013.012825	---	19.62	54.00	34.38	H	-17.8
1784.993031	31.97	---	68.20	34.23	H	-13.9
2303.755760	34.61	---	68.20	33.59	H	-12.2
3393.953762	38.92	---	68.20	29.28	H	-7.1
5157.631359	42.14	---	68.20	26.06	H	-3.0
6660.984388	42.81	---	68.20	25.39	H	-1.4



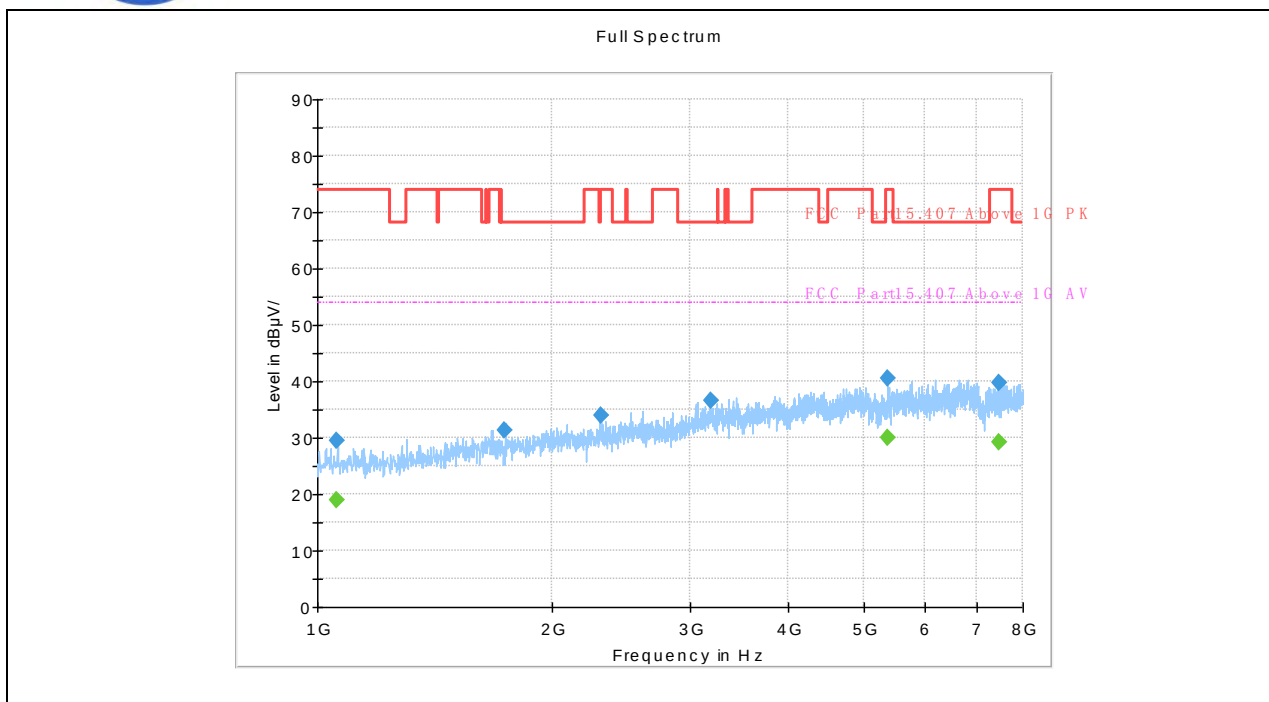
(802.11ac _5745MHz, Antenna Horizontal, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
8790.000000	44.12	---	68.20	24.08	H	1.7
11060.00000	---	32.45	54.00	21.55	H	3.6
11060.00000	44.20	---	74.00	29.80	H	3.6
12910.00000	44.57	---	68.20	23.63	H	5.4
13965.00000	45.57	---	68.20	22.63	H	8.1
15260.00000	47.00	---	68.20	21.20	H	10.0
17930.00000	48.87	---	74.00	25.13	H	14.4
17930.00000	---	38.54	54.00	15.46	H	14.4



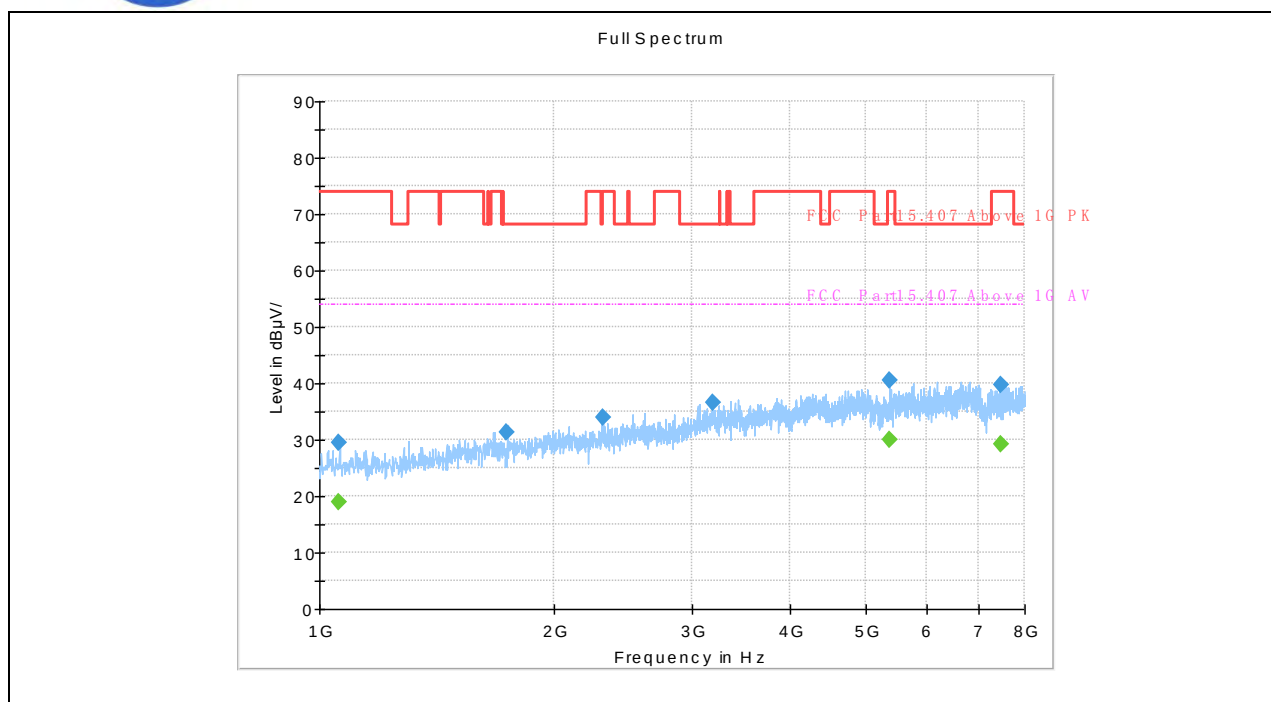
(802.11ac_5745MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
49.925417	18.84	---	40.00	21.16	V	16.2
69.163750	18.60	---	40.00	21.40	V	12.2
137.589167	21.37	---	43.50	22.13	V	11.4
320.474583	23.60	---	46.00	22.40	V	18.0
734.866667	31.19	---	46.00	14.81	V	25.6
958.977083	34.73	---	46.00	11.27	V	28.2



(802.11ac_5745MHz, Antenna Vertical, 1GHz to 8GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1057.665797	---	18.83	54.00	35.17	V	-18.0
1057.665797	29.37	---	74.00	44.63	V	-18.0
1737.461330	31.39	---	68.20	36.81	V	-14.6
2308.266600	33.88	---	68.20	34.32	V	-12.1
3191.482400	36.61	---	68.20	31.59	V	-7.7
5378.302120	40.62	---	74.00	33.38	V	-2.7
5378.302120	---	29.89	54.00	24.11	V	-2.7
7454.844060	---	29.18	54.00	24.82	V	-0.6
7454.844060	39.78	---	74.00	34.22	V	-0.6



(802.11ac _5745MHz, Antenna Vertical, 8GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1057.665797	---	18.83	54.00	35.17	V	-18.0
1057.665797	29.37	---	74.00	44.63	V	-18.0
1737.461330	31.39	---	68.20	36.81	V	-14.6
2308.266600	33.88	---	68.20	34.32	V	-12.1
3191.482400	36.61	---	68.20	31.59	V	-7.7
5378.302120	40.62	---	74.00	33.38	V	-2.7
5378.302120	---	29.89	54.00	24.11	V	-2.7
7454.844060	---	29.18	54.00	24.82	V	-0.6
7454.844060	39.78	---	74.00	34.22	V	-0.6



2.9. Automatically discontinue transmission requirement

2.9.1. Requirement

According to 15.407(c), the device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signalling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization a description of how this requirement is met

2.9.2. Result

The EUT will automatically discontinue transmission in case of either absence of information to transmit or operational failure.



Annex A Test Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for test performed on the EUT as specified in CISPR 16-1-2:

Test items	Uncertainty
Peak Output Power	$\pm 2.22\text{dB}$
Power spectral density (PSD)	$\pm 2.22\text{dB}$
Bandwidth	$\pm 5\%$
Restricted Frequency Bands	$\pm 5\%$
Radiated Emission	$\pm 3.1\text{dB}$
Conducted Emission	$\pm 1.8\text{dB}$

This uncertainty represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$



Annex B Testing Laboratory Information

1. Identification of the Responsible Testing Laboratory

Company Name:	Kehu-Morlab Test Laboratory
Address:	Unit 101, No.1732 Gangzhong Road, Xiamen Area, Pilot Free Trade Zone (Fujian), P.R. China
Responsible Test Lab Manager:	Mr. Di Dehai
Telephone:	+86-592-5612050
Facsimile:	+86-592-5612095

2. Identification of the Responsible Testing Location

Name:	Kehu-Morlab Test Laboratory
Address:	Unit 101, No.1732 Gangzhong Road, Xiamen Area, Pilot Free Trade Zone (Fujian), P.R. China

3. Facilities and Accreditations

All measurement facilities used to collect the measurement data are located at Unit 101, No.1732 Gangzhong Road, Xiamen Area, Pilot Free Trade Zone (Fujian), P.R. China.

The test site is constructed in conformance with the requirements of ANSI C63.10-2013 and CISPR Publication 22; the FCC designation number is CN1249.

4. Test Equipments Utilized

4.1 Conducted Test Equipments

No.	Equipment Name	Serial No.	Model No.	Manufacturer	Cal.Date	Cal.Due Date
1	MXA Signal Analyzer	MY53421845	N9020A	Keysight	2019.01.05	2020.01.04
2	RF cable (30MHz-26.5GHz)	RF01	N/A	Morlab	2019.01.05	2020.01.04
3	Coaxial cable	RF02	N/A	Morlab	2019.01.05	2020.01.04
4	SMA connector	RF03	N/A	Xingbo	2019.01.05	2020.01.04
5	USB Power Sensor	MY56410006	U2021XA	Keysight	2019.01.03	2020.01.02

**4.2 Conducted Emission Test Equipments**

No.	Equipment Name	Serial No.	Model No.	Manufacturer	Cal.Date	Cal.Due Date
1	EMI Receiver	102174	ESR3	ESR3	2019.01.08	2020.01.07
2	LISN	101338	ENV432	ENV432	2019.01.14	2020.01.13
3	Pulse Limiter (10dB)	317	VTSD 9561 F	VTSD 9561 F	2019.01.14	2020.01.13
4	Coaxial cable(BNC) (30MHz-3GHz)	EMC01	N/A	Morlab	2019.01.14	2020.01.13

4.4 List of Software Used

No.	Model	Version Number	Producer	Test Item
1	EMC32	V10.00.00	Rode&Schwarz	RE
2	EMC32	V10.20.01	Rode&Schwarz	CE

4.5 Radiated Test Equipments

RSE Test System						
No.	Equipment Name	Serial No.	Model No.	Manufacturer	Cal. Date	Cal.Due Date
1	Anechoic Chamber	N/A	9m*6m*6m	ETS-Lindgren	2017.07.21	2020.07.20
2	Signal Analyzer	101294	FSV40	R&S	2019.01.04	2020.01.03
3	Active Ring Antenna	FMZB 1513 #269	FMZB 1513	Schwarzbeck	2019.01.12	2020.01.11
4	Linear Log Periodic Broad Band Antenna	949	VULB 9163	Schwarzbeck	2018.09.25	2019.09.24
5	Ultra-Wideband Horn Antenna	102615	HF907	R&S	2019.01.19	2020.01.18
6	Steatite Antennas	17868	QSH-SL-18 -26-S-20	Seibersdorf	2019.01.12	2020.01.11
7	Ultra-Wideband Horn Antenna	17989	QSH-26-40	Schwarzbeck	2019.01.12	2020.01.11
8	RF Switch and Control Platform	N/A	RSC	CDSI	N/A	N/A
9	Coaxial cable (N male) (9kHz -3GHz)	EMC02	N/A	Morlab	2019.01.04	2020.01.03
10	Coaxial cable	EMC03	N/A	Morlab	2019.01.04	2020.01.03



	(N male) (9kHz -3GHz)					
11	Coaxial cable (N male) (1GHz-26.5GHz)	EMC04	N/A	Morlab	2019.01.04	2020.01.03
12	Coaxial cable (N male) (1GHz-26.5GHz)	EMC05	N/A	Morlab	2019.01.04	2020.01.03
13	Pre-amplifier (1GHz-18GHz)	8810011	PAP-1G18	CDSI	2019.01.04	2020.01.03
14	Pre-amplifier (18GHz-40GHz)	17021-1702 4	PAP-1840	CDSI	2018.07.05	2019.07.04
15	Band stop Filter	EMC23	BJF5150/53 50-50	CDSI	2019.01.04	2020.01.03
16	Band stop Filter	EMC25	BJF5725/58 50-50	CDSI	2019.01.04	2020.01.03
17	High Pass Filter	EMC26	HFP-8.0/18 G-60	CDSI	2019.01.04	2020.01.03

————— END OF REPORT —————