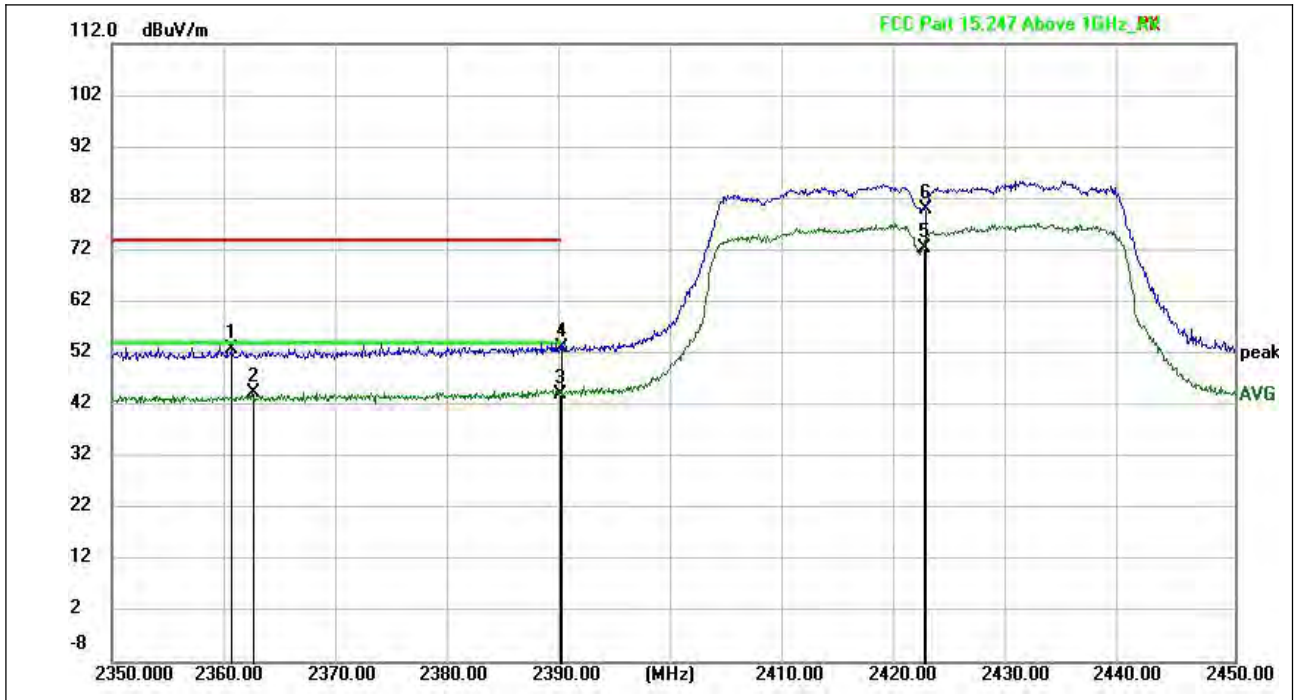


(802.11n_20M_2462MHz, Antenna Vertical)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
2462.052	43.42	41.49	84.91	NA	NA	AVG	V
2462.104	52.21	41.49	93.70	NA	NA	peak	V
2483.572	11.56	41.77	53.33	74.00	-20.67	peak	V
2483.752	2.64	41.76	44.40	54.00	-9.60	AVG	V
2507.152	3.85	41.50	45.35	54.00	-8.65	AVG	V
2508.420	12.86	41.51	54.37	74.00	-19.63	peak	V

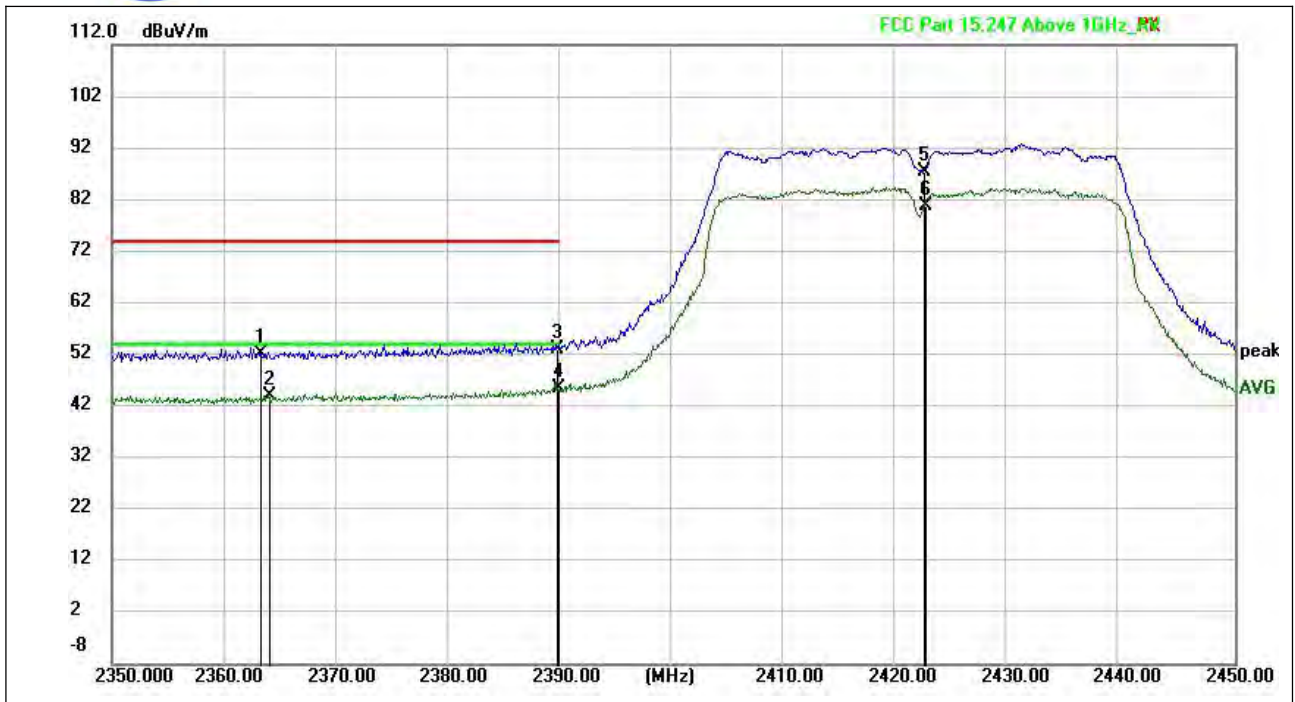


802.11n-40MHz Test mode



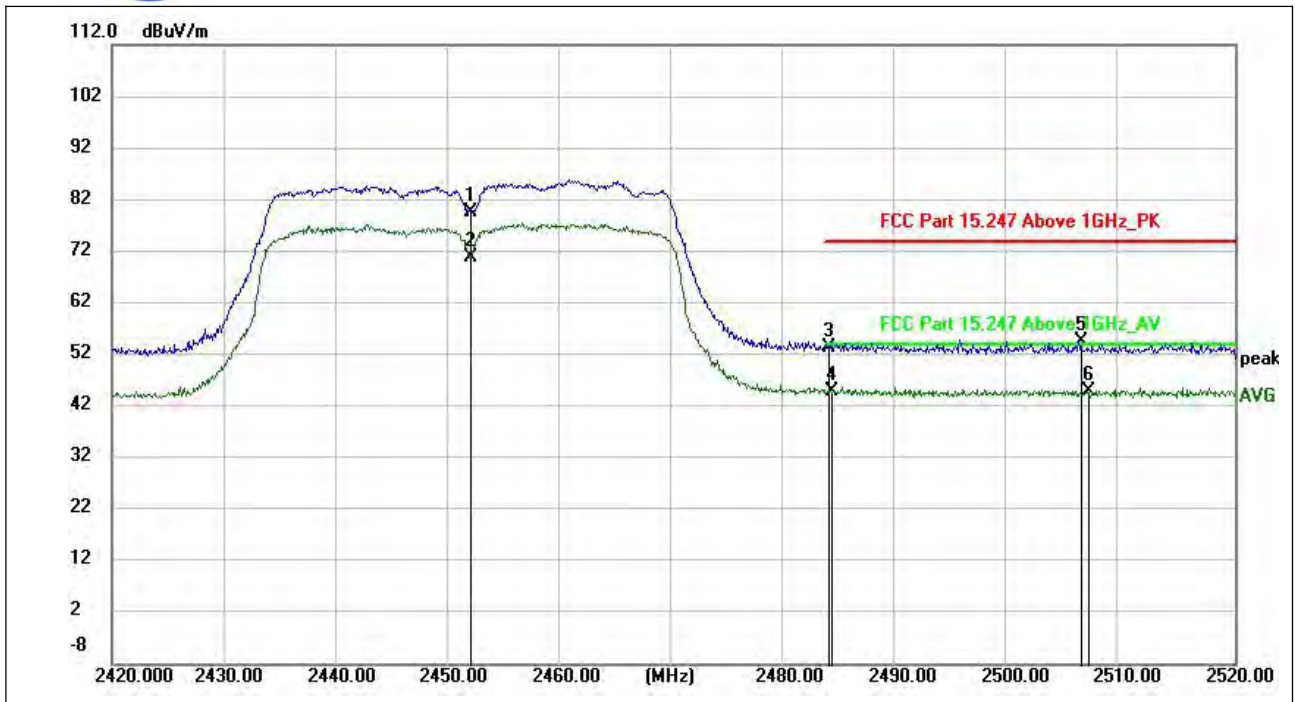
(802.11n_40M_2422MHz, Antenna Horizontal)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
2360.700	12.71	40.05	52.76	74.00	-21.24	peak	H
2362.595	4.37	40.07	44.44	54.00	-9.56	AVG	H
2389.850	3.19	40.95	44.14	54.00	-9.86	AVG	H
2389.960	12.10	40.96	53.06	74.00	-20.94	peak	H
2422.370	31.59	40.76	72.35	NA	NA	AVG	H
2422.460	39.24	40.76	80.00	NA	NA	peak	H



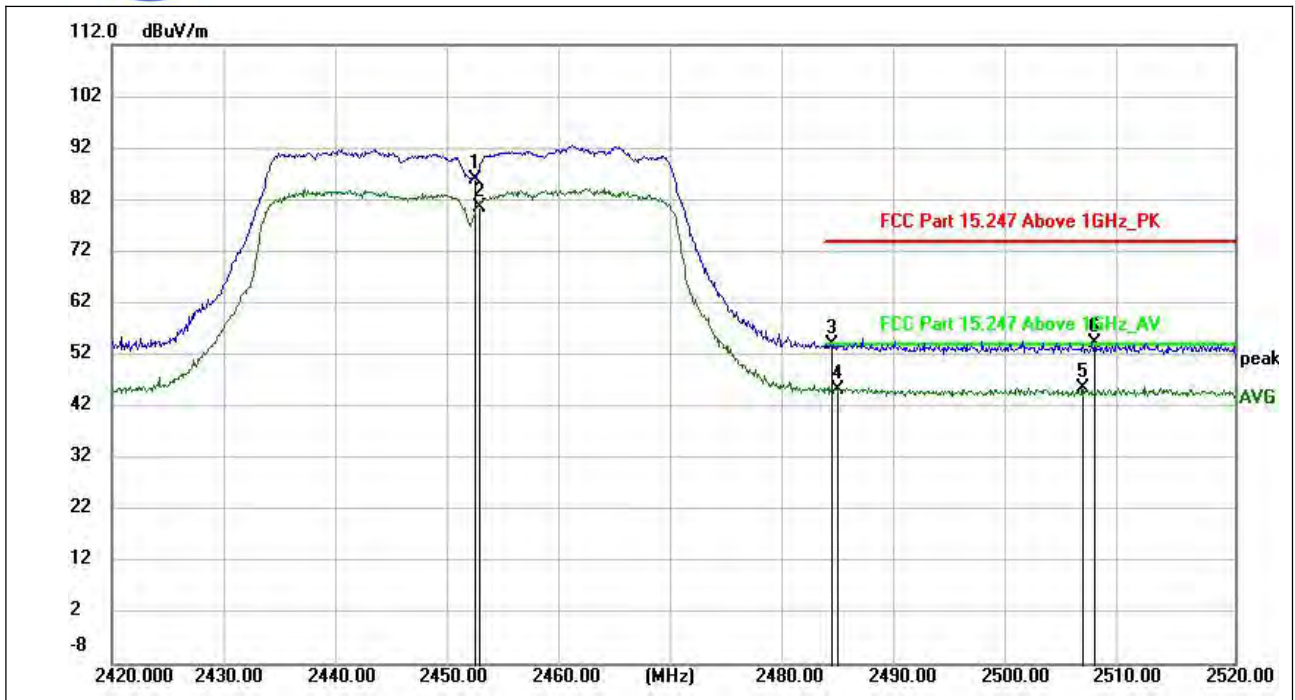
(802.11n_40M_2422MHz, Antenna Vertical)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
2363.215	12.19	40.08	52.27	74.00	-21.73	peak	V
2364.030	3.95	40.08	44.03	54.00	-9.97	AVG	V
2389.610	12.05	40.93	52.98	74.00	-21.02	peak	V
2389.770	4.56	40.94	45.50	54.00	-8.50	AVG	V
2422.205	46.59	40.76	87.35	NA	NA	peak	V
2422.475	39.98	40.76	80.74	NA	NA	AVG	V



(802.11n_40M_2452MHz, Antenna Horizontal)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
2451.975	38.54	41.10	79.64	NA	NA	peak	H
2451.975	29.71	41.10	70.81	NA	NA	AVG	H
2483.805	11.52	41.76	53.28	74.00	-20.72	peak	H
2484.085	3.17	41.75	44.92	54.00	-9.08	AVG	H
2506.215	13.20	41.50	54.70	74.00	-19.30	peak	H
2506.915	3.27	41.50	44.77	54.00	-9.23	AVG	H



(802.11n_40M_2452MHz, Antenna Vertical)

Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Det.	Pol
2452.235	44.85	41.11	85.96	NA	NA	peak	V
2452.620	39.24	41.13	80.37	NA	NA	AVG	V
2484.095	12.20	41.75	53.95	74.00	-20.05	peak	V
2484.600	3.37	41.73	45.10	54.00	-8.90	AVG	V
2506.495	3.93	41.50	45.43	54.00	-8.57	AVG	V
2507.465	12.62	41.50	54.12	74.00	-19.88	peak	V

2.7. Conducted Emission

2.7.1. Requirement

According to FCC section 15.207, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency within the band 150kHz to 30MHz shall not exceed the limits in the following table, as measured using a 50 μ H/50 Ω line impedance stabilization network (LISN).

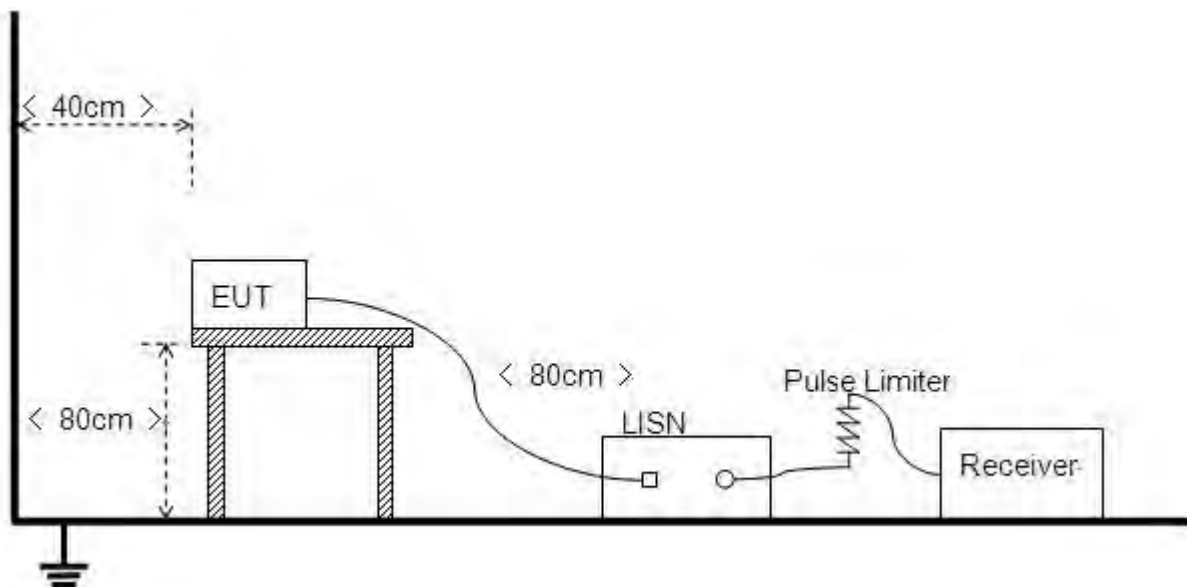
Frequency range (MHz)	Conducted Limit (dB μ V)	
	Quai-peak	Average
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
5 - 30	60	50

NOTE:

- (a) The lower limit shall apply at the band edges.
- (b) The limit decreases linearly with the logarithm of the frequency in the range 0.15 - 0.50MHz.

2.7.2. Test Description

A. Test Setup:



The Table-top EUT was placed upon a non-metallic table 0.8m above the horizontal metal reference ground plane. EUT was connected to LISN and LISN was connected to reference Ground Plane. EUT was 80cm from LISN. The set-up and test methods were according to ANSI C63.10 2013.



B. Equipments List:

Please refer ANNEX B(4).

2.7.3. Test Result

The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. Refer to recorded points and plots below.

Note: Both of the test voltage AC 120V/60Hz and AC 230V/50Hz were considered and tested respectively, only the results of the worst case AC 120V/60Hz were recorded in this report.

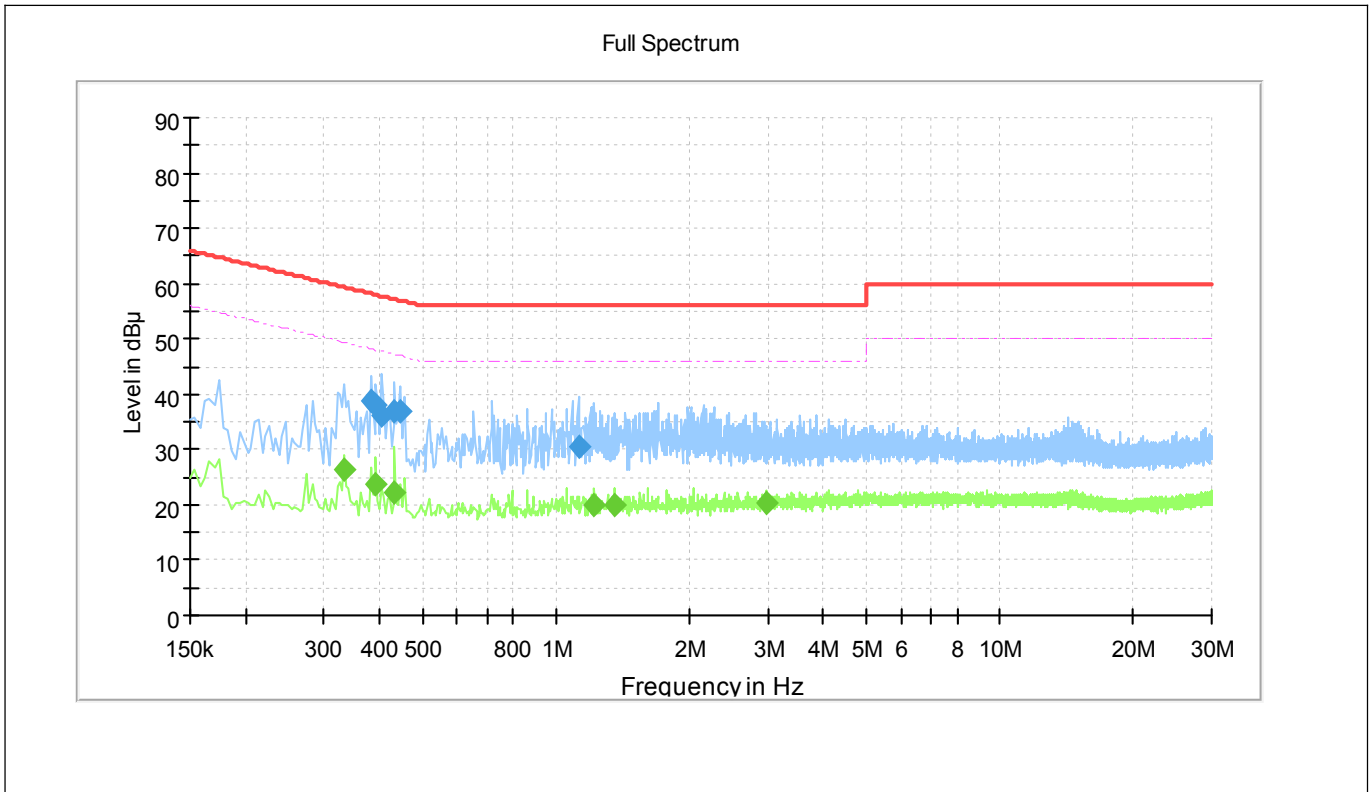
A. Test setup:

The EUT configuration of the emission tests is EUT +Wlan Link.

Note: The test voltage is AC 120V/60Hz.

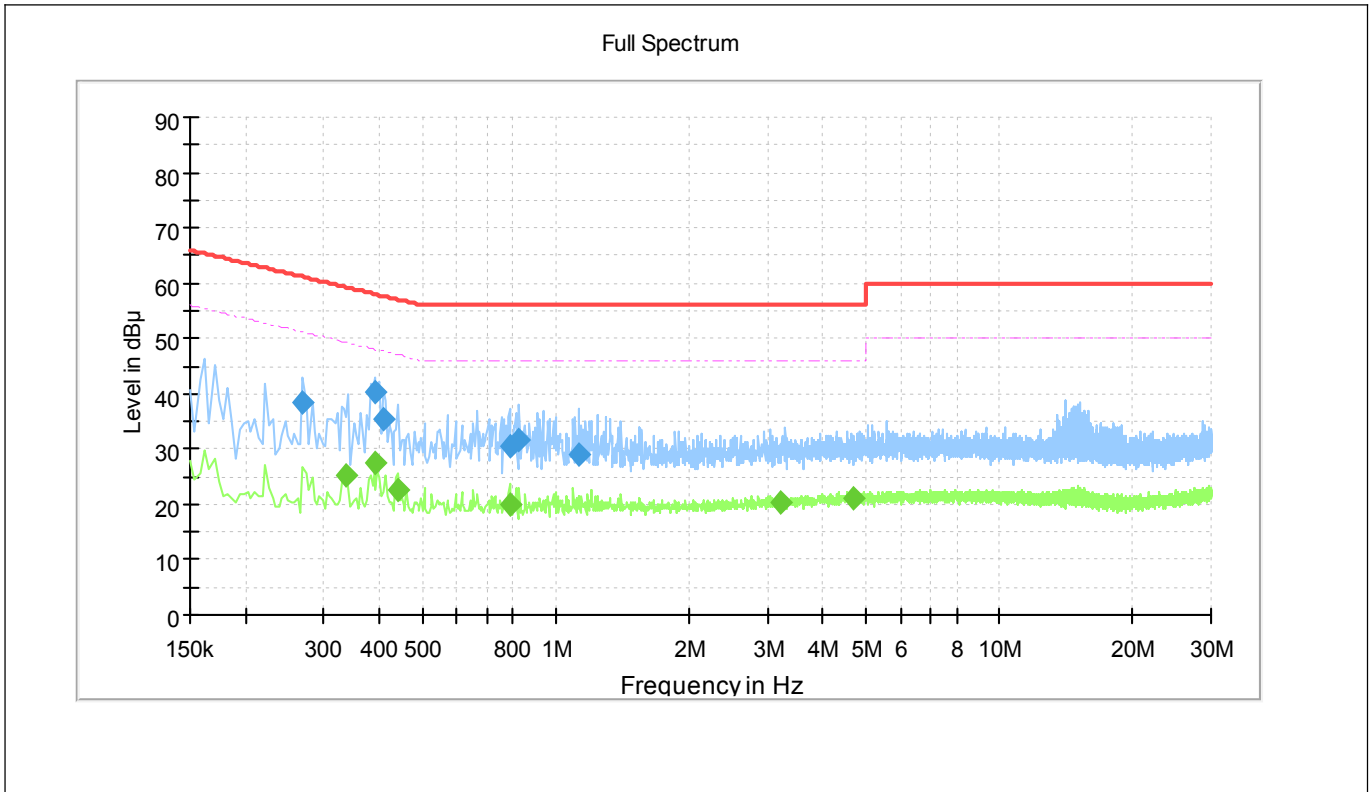


B. Test Plots:



(Plot A: L Phase)

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.334000	---	26.24	49.35	23.11	L1	10.2
0.382000	38.70	---	58.24	19.53	L1	10.2
0.394000	38.09	---	57.98	19.89	L1	10.2
0.394000	---	23.90	47.98	24.08	L1	10.2
0.406000	36.22	---	57.73	21.51	L1	10.2
0.434000	36.88	---	57.18	20.30	L1	10.2
0.434000	---	22.28	47.18	24.90	L1	10.2
0.446000	36.99	---	56.95	19.96	L1	10.2
1.126000	30.45	---	56.00	25.55	L1	10.3
1.222000	---	19.83	46.00	26.17	L1	10.3
1.358000	---	20.10	46.00	25.90	L1	10.3
2.966000	---	20.39	46.00	25.61	L1	10.3



(Plot A: N Phase)

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.270000	38.25	---	61.12	22.87	N	10.4
0.338000	---	25.32	49.25	23.93	N	10.4
0.390000	---	27.46	48.06	20.60	N	10.4
0.390000	40.48	---	58.06	17.59	N	10.4
0.410000	35.21	---	57.65	22.43	N	10.4
0.442000	---	22.78	47.02	24.24	N	10.4
0.790000	30.65	---	56.00	25.35	N	10.4
0.790000	---	19.89	46.00	26.11	N	10.4
0.826000	31.81	---	56.00	24.19	N	10.4
1.130000	28.97	---	56.00	27.03	N	10.5
3.206000	---	20.19	46.00	25.81	N	10.6
4.674000	---	21.01	46.00	24.99	N	10.6



2.8. Radiated Emission

2.8.1. Requirement

According to FCC section 15.247(d), radiated emission outside the frequency band attenuation below the general limits specified in FCC section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in FCC section 15.205(a), must also comply with the radiated emission limits specified in FCC section 15.209(a).

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 ($\mu\text{V}/\text{m}$)	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.

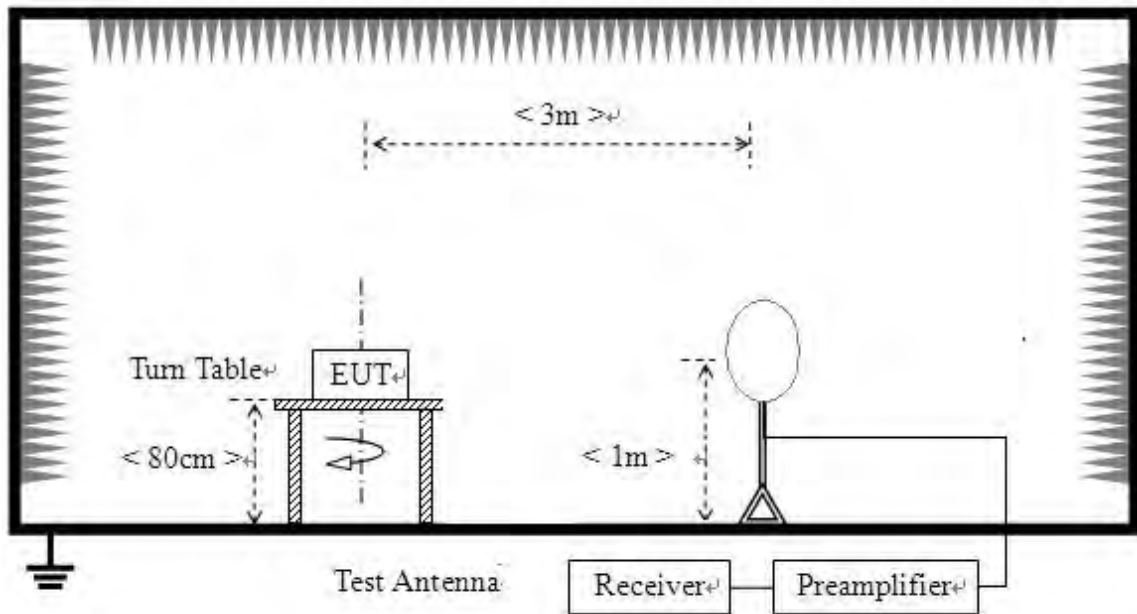
For above 1000MHz, limit field strength of harmonics: 54dBuV/m@3m (AV) and 74dBuV/m@3m (PK)

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)

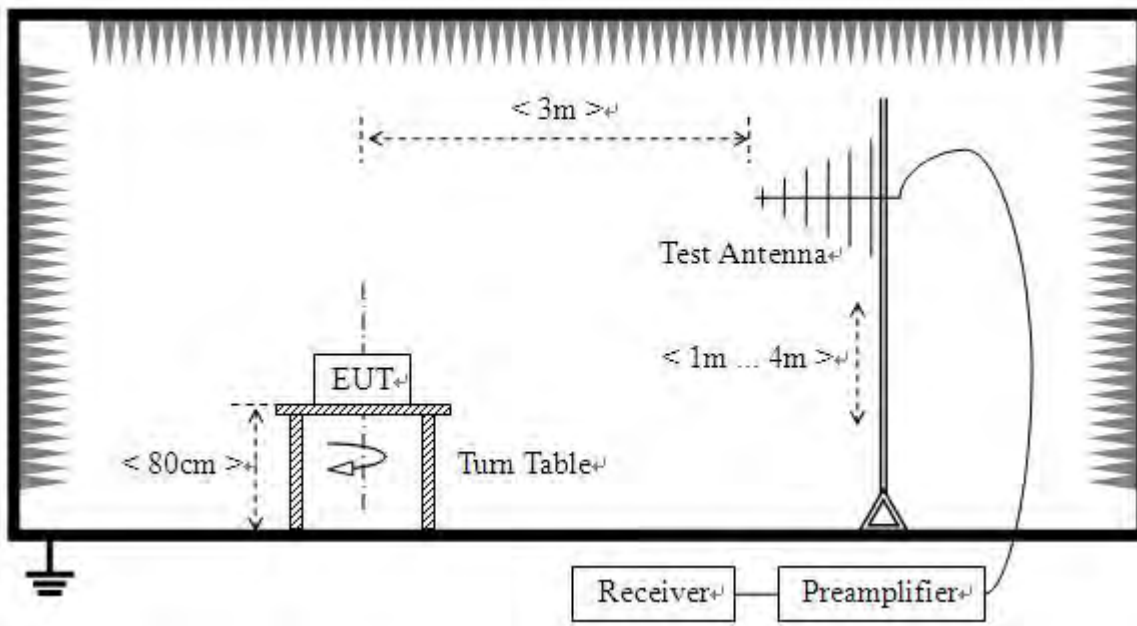
2.8.2. Test Description

A. Test Setup:

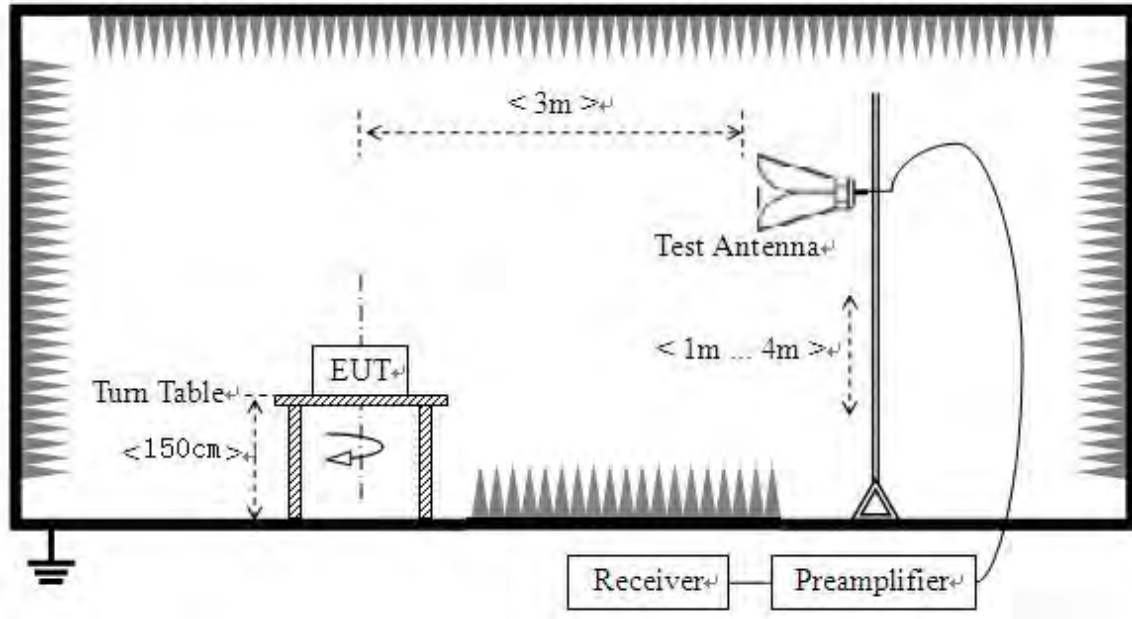
- 1) For radiated emissions from 9kHz to 30MHz



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. Test site have a minimum area of the ground plane covered with RF absorbing material as specified in Figure 6 of ANSI C63.4: 2014.

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 radiated emission test above 1GHz:

Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement 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 measurement antenna elevation shall be that which maximizes the emissions. The measurement 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 EUT is located in a 3m Semi-Anechoic Chamber; the antenna factors, cable loss and so on of the site as factors are calculated to correct the reading

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.

A. Equipments List:

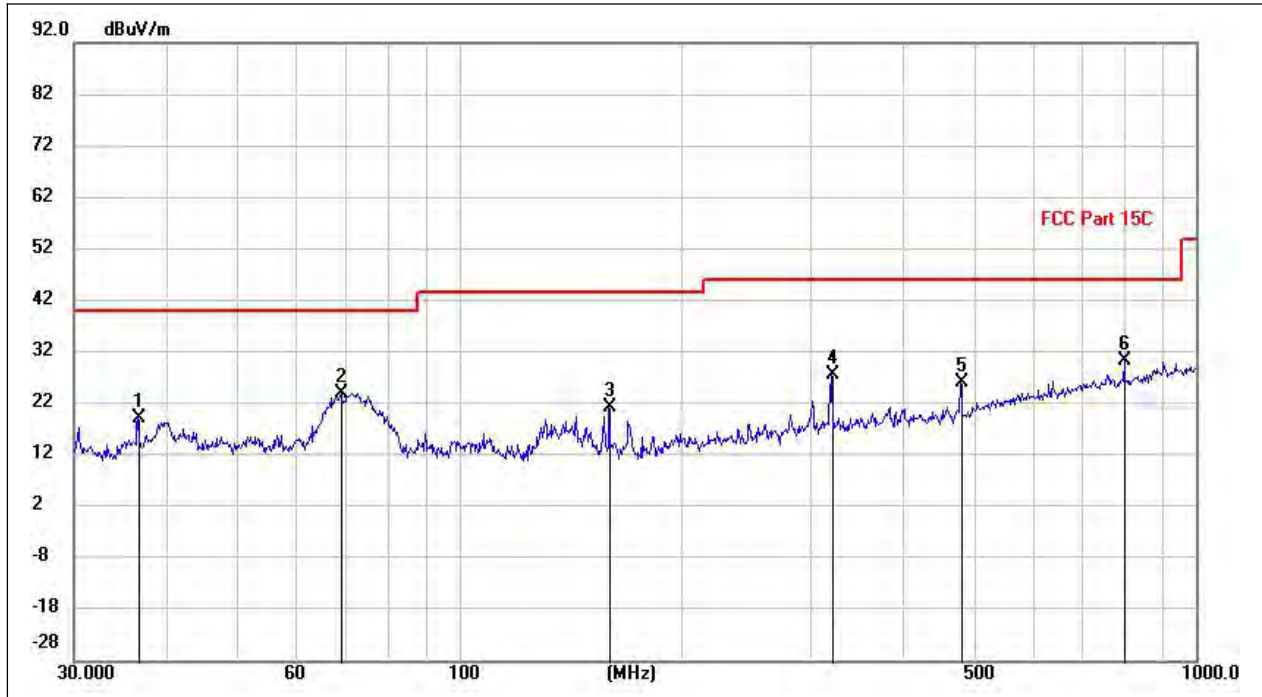
Please refer ANNEX B(4).

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.

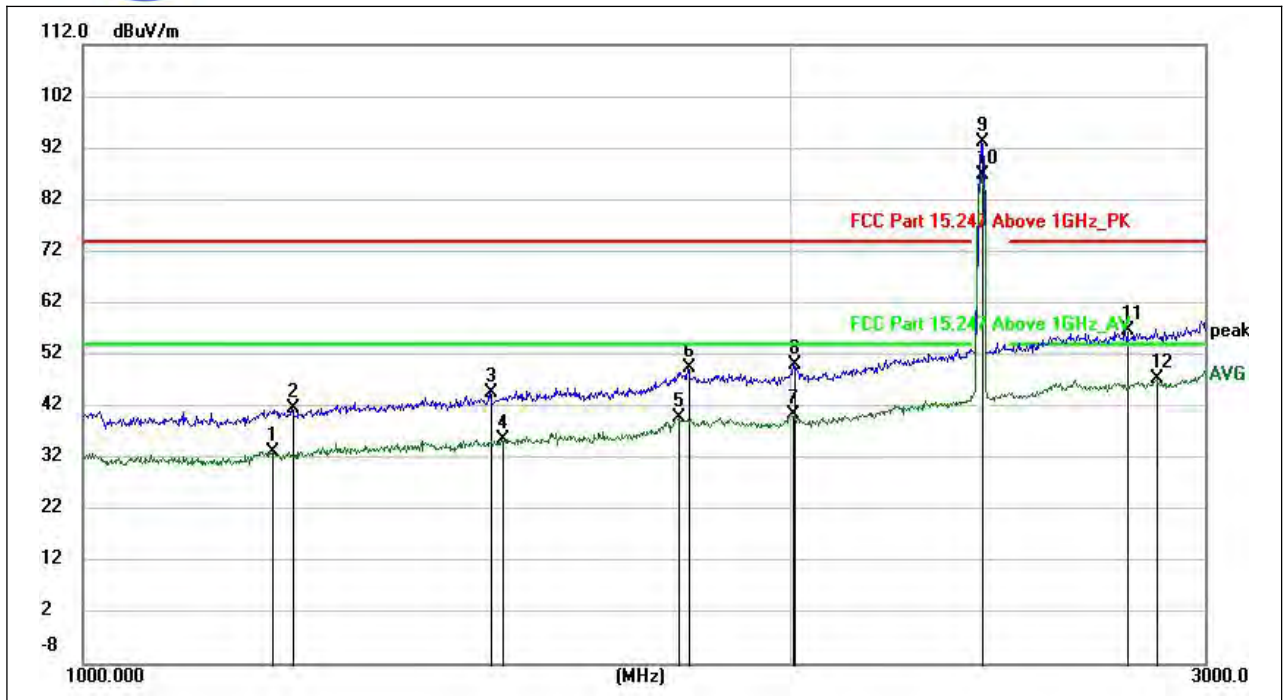
Note2: For the frequency, which started from 18GHz to25GHz, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

802.11b Test mode



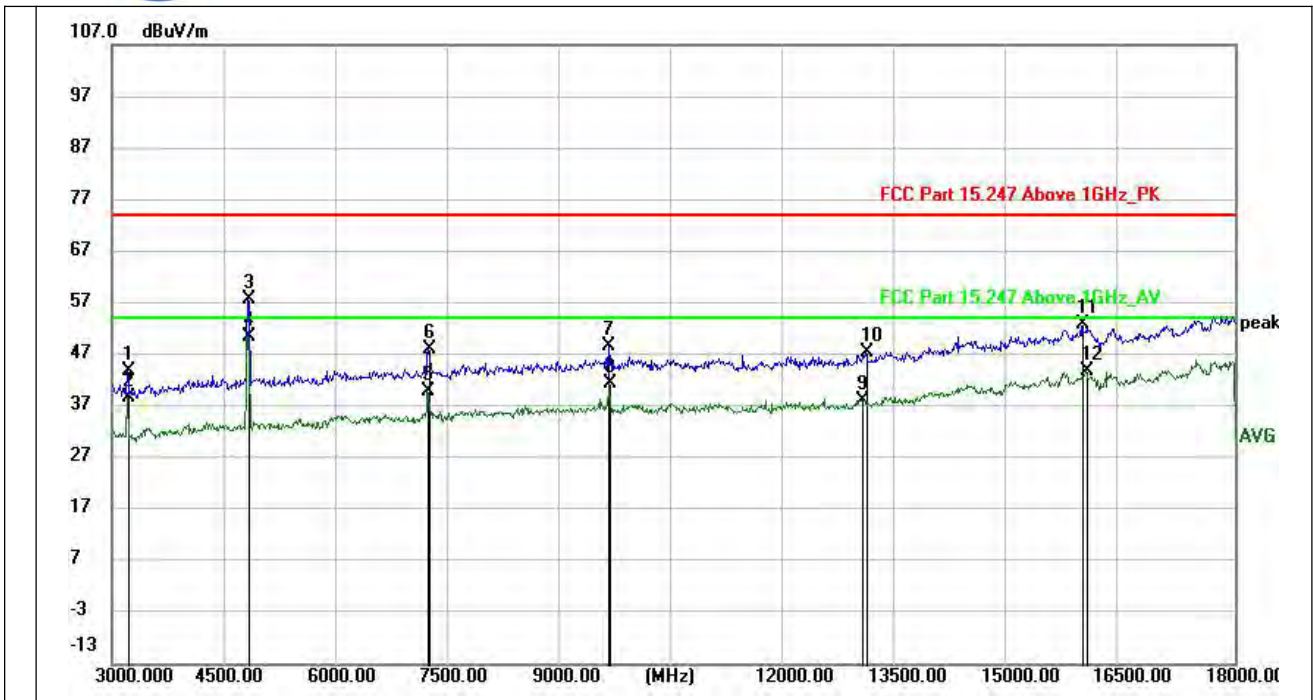
(802.11b _2412MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
36.6439	5.79	13.41	19.20	40.00	-20.80	peak	H
69.2475	11.79	12.22	24.01	40.00	-15.99	peak	H
160.0087	9.18	12.20	21.38	43.50	-22.12	peak	H
319.9931	9.73	18.00	27.73	46.00	-18.27	peak	H
480.0224	4.59	21.54	26.13	46.00	-19.87	peak	H
800.1012	4.15	26.13	30.28	46.00	-15.72	peak	H



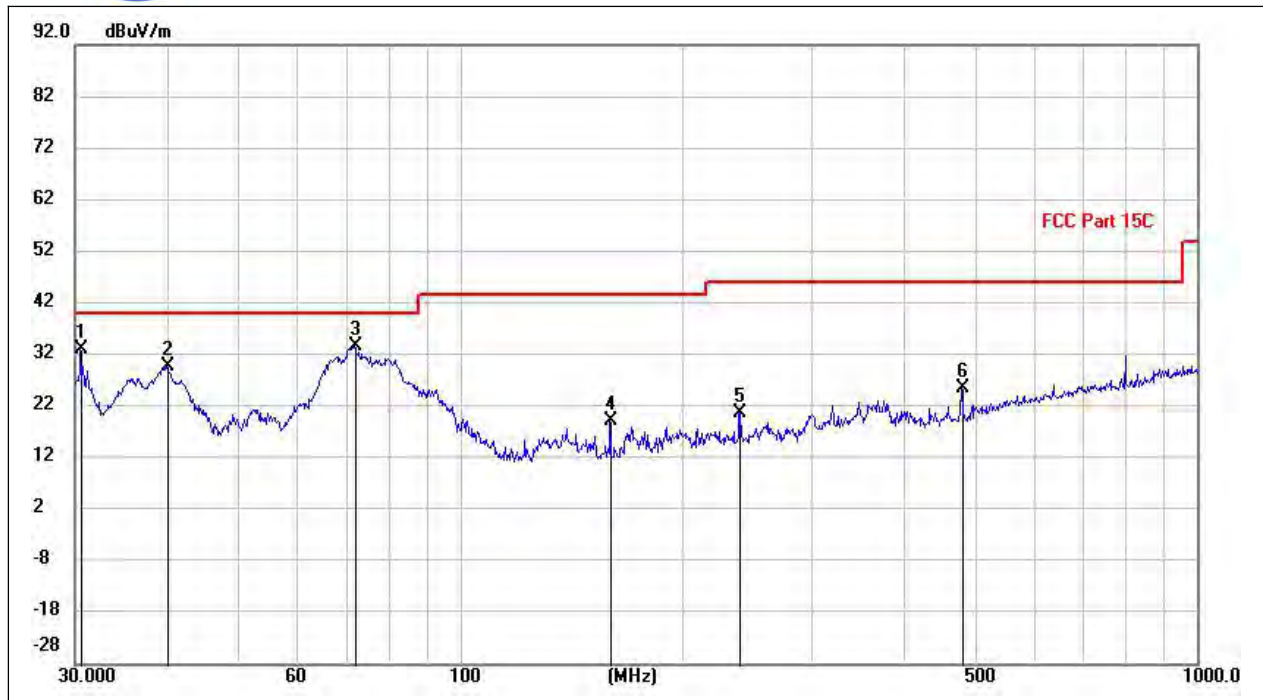
(802.11b _2412MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1203.490	2.77	30.53	33.30	54.00	-20.70	AVG	H
1227.324	11.73	29.87	41.60	74.00	-32.40	peak	H
1491.504	12.36	32.38	44.74	74.00	-29.26	peak	H
1507.649	2.96	32.66	35.62	54.00	-18.38	AVG	H
1790.481	3.96	35.92	39.88	54.00	-14.12	AVG	H
1810.658	13.29	36.06	49.35	74.00	-24.65	peak	H
2003.233	2.99	37.32	40.31	54.00	-13.69	AVG	H
2006.647	12.95	37.24	50.19	74.00	-23.81	peak	H
2412.594	51.95	41.10	93.05	NA	NA	peak	H
2412.594	45.75	41.10	86.85	NA	NA	AVG	H
2778.550	13.60	43.03	56.63	74.00	-17.37	peak	H
2864.405	3.01	44.19	47.20	54.00	-6.80	AVG	H



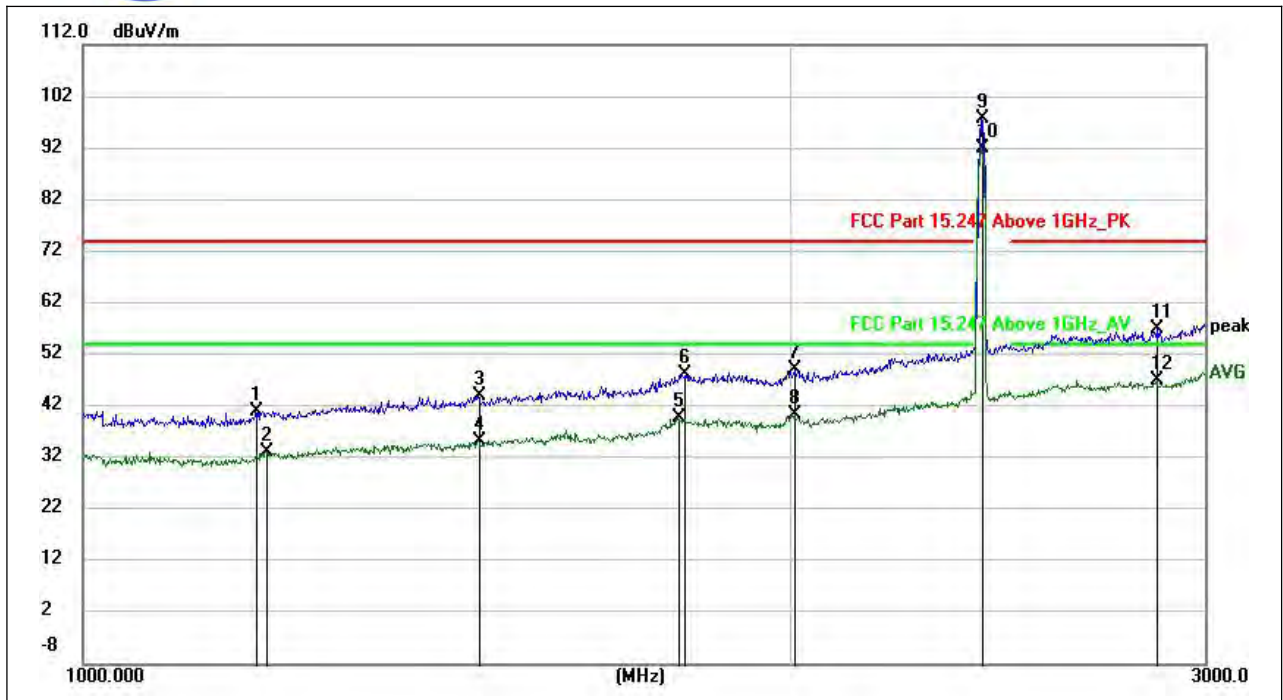
(802.11b _2412MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
3216.000	50.19	-6.35	43.84	74.00	-30.16	peak	H
3216.000	45.01	-6.35	38.66	54.00	-15.34	AVG	H
4824.750	60.93	-3.21	57.72	74.00	-16.28	peak	H
4824.750	53.53	-3.21	50.32	54.00	-3.68	AVG	H
7228.500	40.13	-0.36	39.77	54.00	-14.23	AVG	H
7244.250	48.51	-0.34	48.17	74.00	-25.83	peak	H
9636.750	47.02	1.74	48.76	74.00	-25.24	peak	H
9648.000	39.65	1.71	41.36	54.00	-12.64	AVG	H
13021.500	32.08	6.17	38.25	54.00	-15.75	AVG	H
13071.750	40.90	6.45	47.35	74.00	-26.65	peak	H
15960.750	41.46	11.27	52.73	74.00	-21.27	peak	H
16029.750	32.03	11.85	43.88	54.00	-10.12	AVG	H



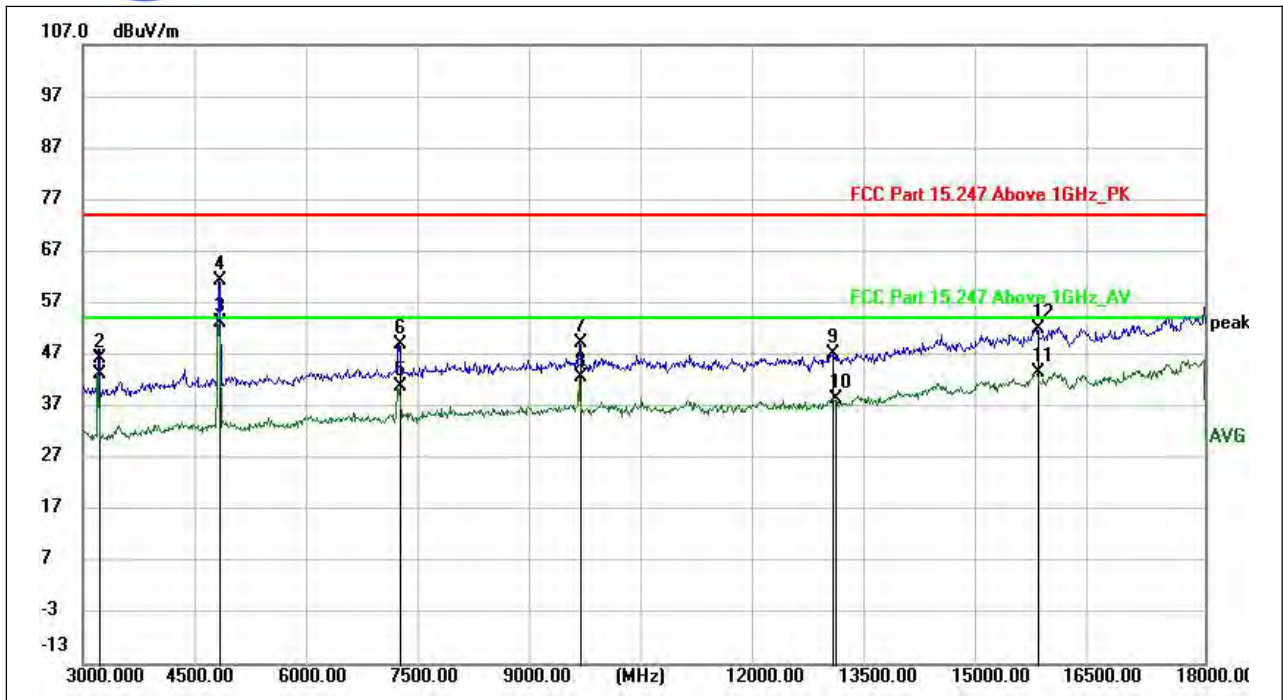
(802.11b _2412MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
30.6003	20.19	12.83	33.02	40.00	-6.98	peak	V
40.0925	14.21	15.61	29.82	40.00	-10.18	peak	V
72.0086	23.21	10.57	33.78	40.00	-6.22	peak	V
160.0087	6.86	12.20	19.06	43.50	-24.44	peak	V
239.9873	5.50	15.27	20.77	46.00	-25.23	peak	V
480.0224	3.91	21.54	25.45	46.00	-20.55	peak	V



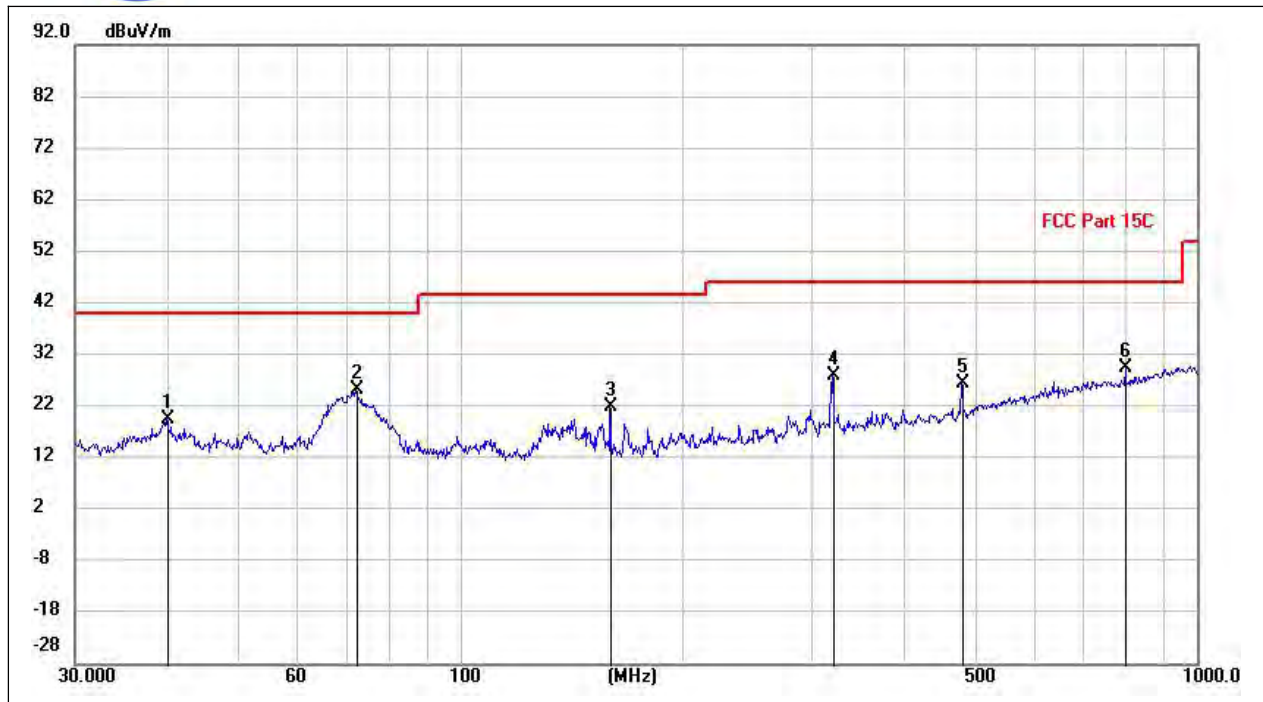
(802.11b _2412MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1185.382	11.29	29.73	41.02	74.00	-32.98	peak	V
1197.358	2.62	30.51	33.13	54.00	-20.87	AVG	V
1473.912	11.66	32.41	44.07	74.00	-29.93	peak	V
1473.912	2.96	32.41	35.37	54.00	-18.63	AVG	V
1793.335	3.54	36.21	39.75	54.00	-14.25	AVG	V
1799.948	11.44	36.78	48.22	74.00	-25.78	peak	V
2008.743	12.01	37.12	49.13	74.00	-24.87	peak	V
2008.743	3.20	37.12	40.32	54.00	-13.68	AVG	V
2412.992	56.65	41.08	97.73	NA	NA	peak	V
2412.992	50.98	41.08	92.06	NA	NA	AVG	V
2863.461	12.71	44.15	56.86	74.00	-17.14	peak	V
2863.461	2.86	44.15	47.01	54.00	-6.99	AVG	V



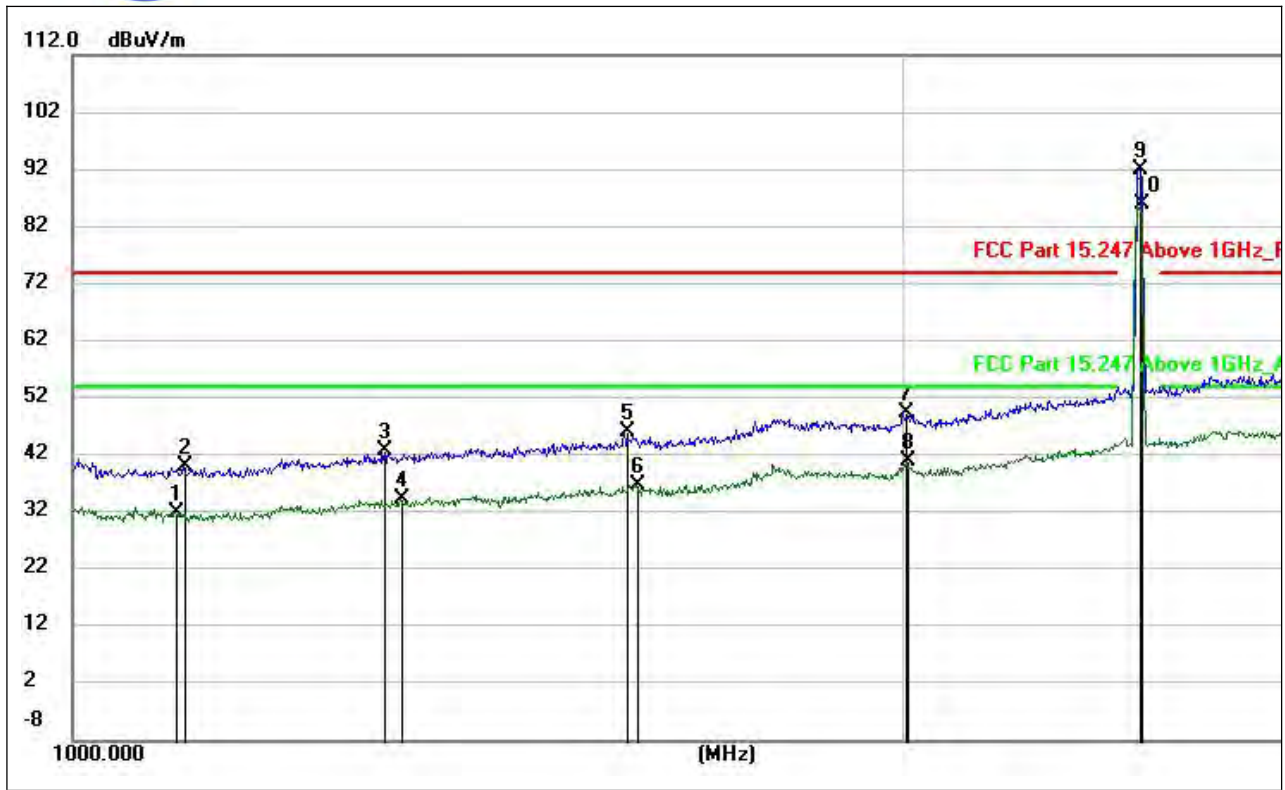
(802.11b_2412MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
3216.000	50.19	-6.35	43.84	74.00	-30.16	peak	V
3216.000	45.01	-6.35	38.66	54.00	-15.34	AVG	V
4824.750	60.93	-3.21	57.72	74.00	-16.28	peak	V
4824.750	53.53	-3.21	50.32	54.00	-1.68	AVG	V
7228.500	40.13	-0.36	39.77	54.00	-14.23	AVG	V
7244.250	48.51	-0.34	48.17	74.00	-25.83	peak	V
9636.750	47.02	1.74	48.76	74.00	-25.24	peak	V
9648.000	39.65	1.71	41.36	54.00	-12.64	AVG	V
13021.500	32.08	6.17	38.25	54.00	-15.75	AVG	V
13071.750	40.90	6.45	47.35	74.00	-26.65	peak	V
15960.750	41.46	11.27	52.73	74.00	-21.27	peak	V
16029.750	32.03	11.85	43.88	54.00	-10.12	AVG	V



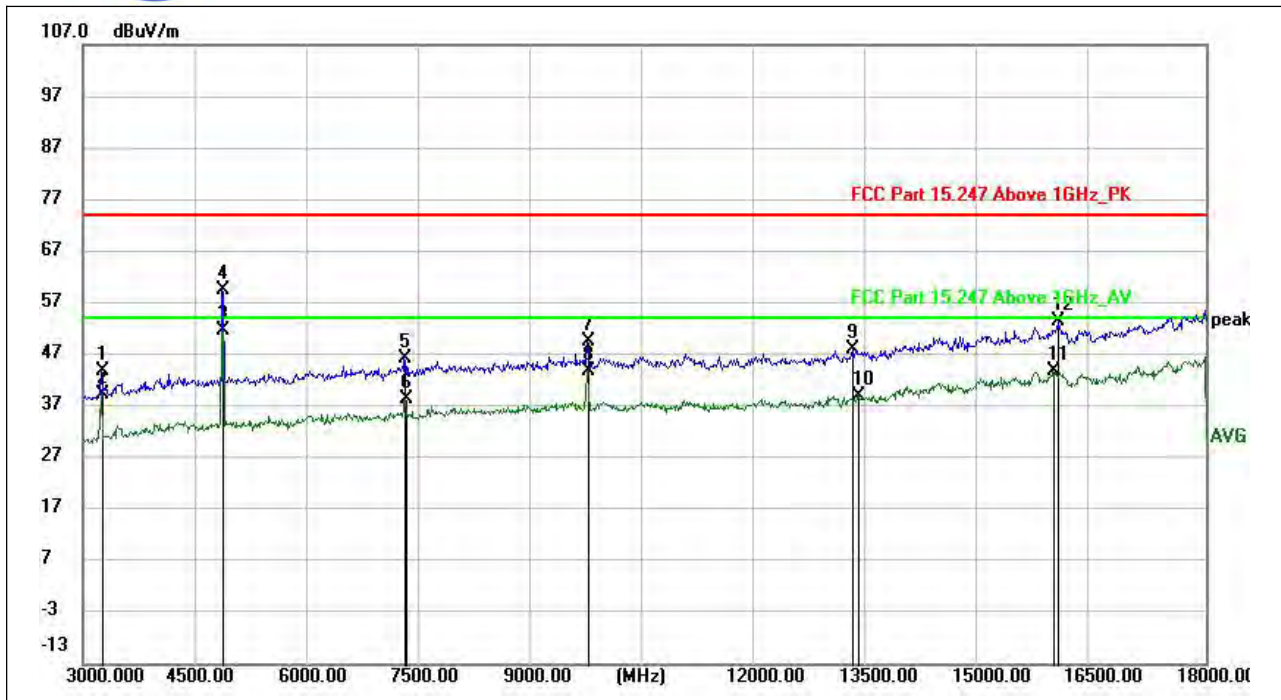
(802.11b _2437MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
40.0433	3.83	15.66	19.49	40.00	-20.51	peak	H
72.3249	14.84	10.49	25.33	40.00	-14.67	peak	H
160.0087	9.57	12.20	21.77	43.50	-21.73	peak	H
319.9931	9.80	18.00	27.80	46.00	-18.20	peak	H
480.0224	5.00	21.54	26.54	46.00	-19.46	peak	H
800.1012	3.38	26.13	29.51	46.00	-16.49	peak	H



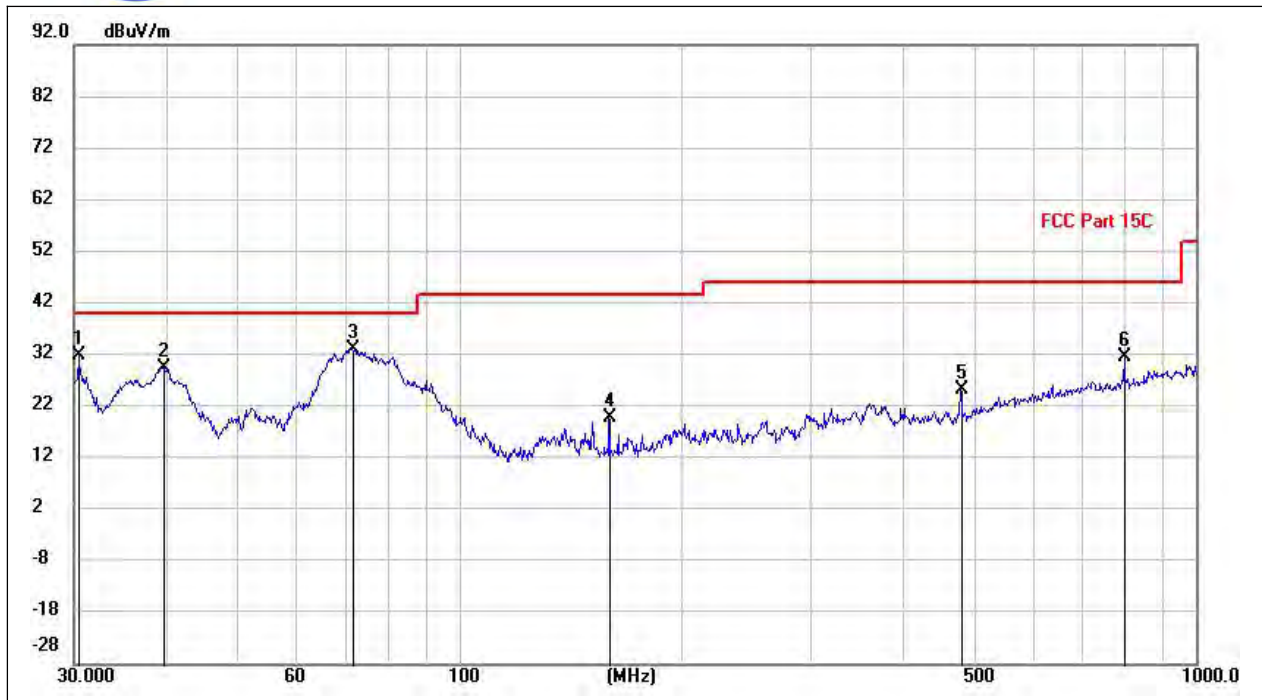
(802.11b _2437MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1089.770	2.99	29.01	32.00	54.00	-22.00	AVG	H
1098.002	10.92	29.07	39.99	74.00	-34.01	peak	H
1296.699	12.26	30.67	42.93	74.00	-31.07	peak	H
1315.713	3.72	30.78	34.50	54.00	-19.50	AVG	H
1586.582	12.66	33.61	46.27	74.00	-27.73	peak	H
1601.203	2.63	34.19	36.82	54.00	-17.18	AVG	H
2003.013	12.04	37.31	49.35	74.00	-24.65	peak	H
2006.427	3.78	37.25	41.03	54.00	-12.97	AVG	H
2437.370	51.02	40.79	91.81	NA	NA	peak	H
2437.638	45.21	40.79	86.00	NA	NA	AVG	H
2816.970	3.59	43.29	46.88	54.00	-7.12	AVG	H
2911.200	12.48	44.01	56.49	74.00	-17.51	peak	H



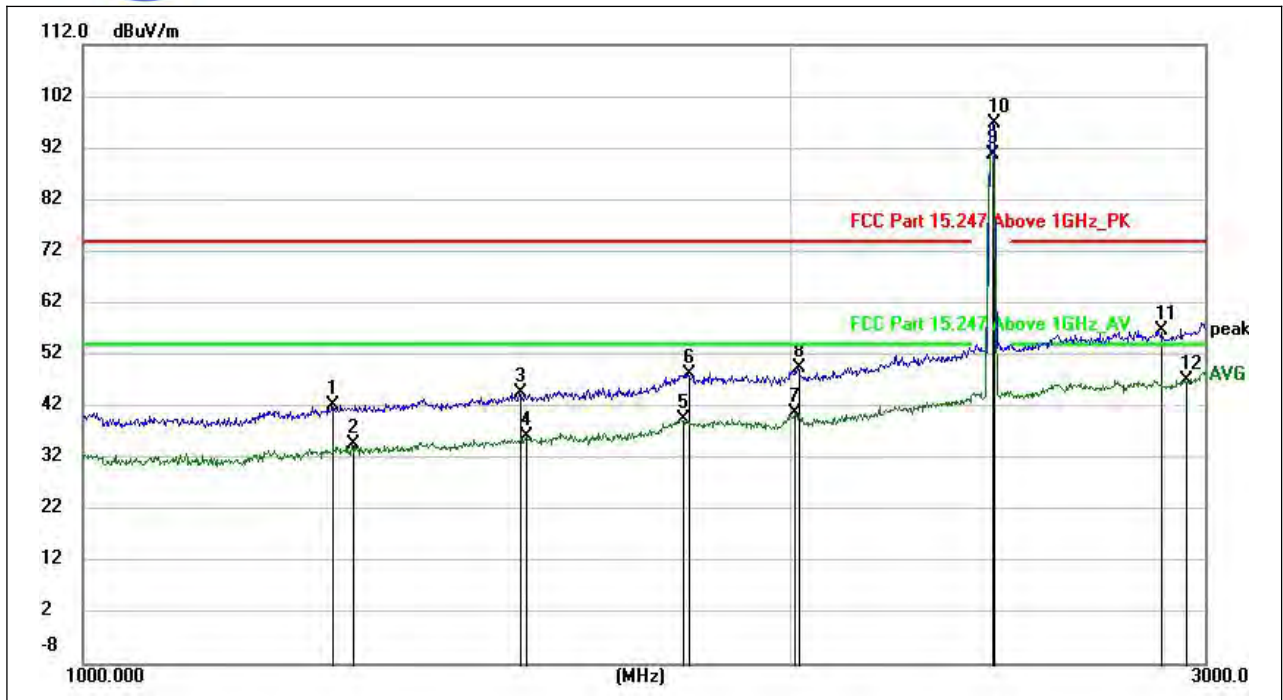
(802.11b _2437MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
3249.000	49.85	-6.10	43.75	74.00	-30.25	peak	H
3249.000	45.48	-6.10	39.38	54.00	-14.62	AVG	H
4872.750	54.51	-2.87	51.64	54.00	-2.36	AVG	H
4873.500	62.29	-2.86	59.43	74.00	-14.57	peak	H
7303.500	46.51	-0.27	46.24	74.00	-27.76	peak	H
7317.750	38.75	-0.24	38.51	54.00	-15.49	AVG	H
9747.750	47.44	2.00	49.44	74.00	-24.56	peak	H
9747.750	41.70	2.00	43.70	54.00	-10.30	AVG	H
13284.750	42.21	5.70	47.91	74.00	-26.09	peak	H
13356.000	32.65	6.51	39.16	54.00	-14.84	AVG	H
15971.250	32.36	11.35	43.71	54.00	-10.29	AVG	H
16029.000	41.53	11.87	53.40	74.00	-20.60	peak	H



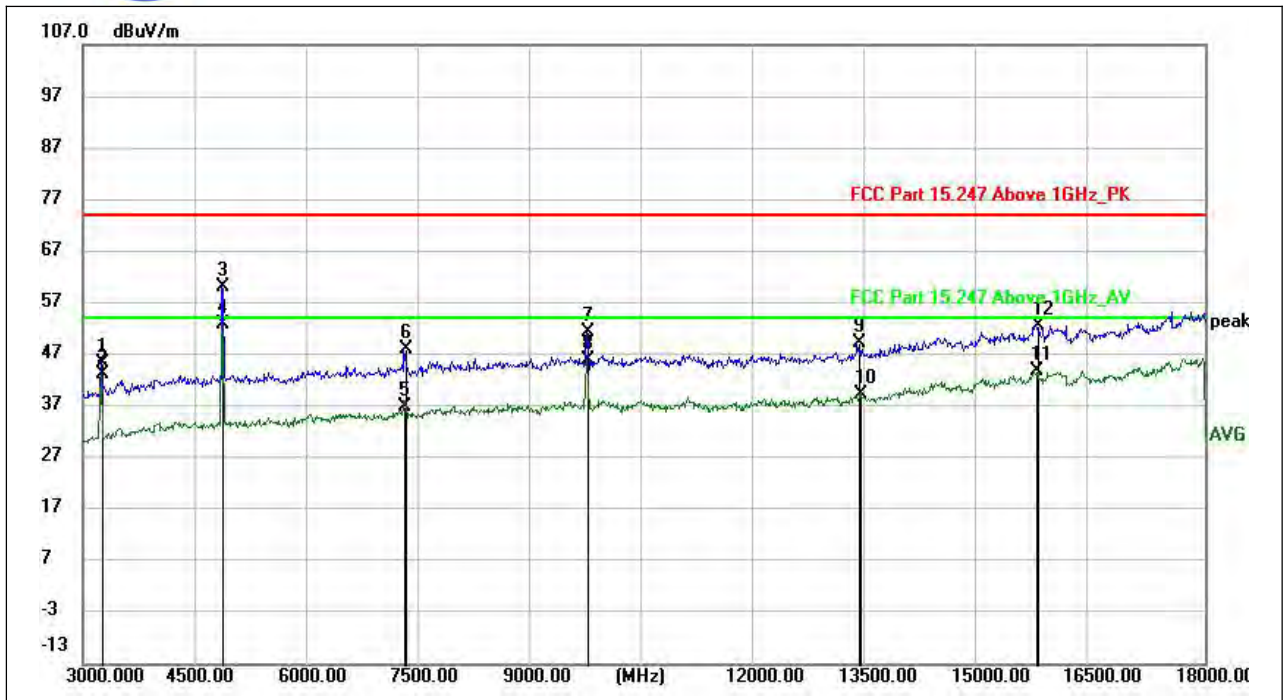
(802.11b_2437MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
30.5092	18.75	12.99	31.74	40.00	-8.26	peak	V
39.8193	13.92	15.43	29.35	40.00	-10.65	peak	V
71.6182	22.33	10.86	33.19	40.00	-6.81	peak	V
159.9806	7.49	12.19	19.68	43.50	-23.82	peak	V
480.0224	3.66	21.54	25.20	46.00	-20.80	peak	V
799.9609	5.53	26.13	31.66	46.00	-14.34	peak	V



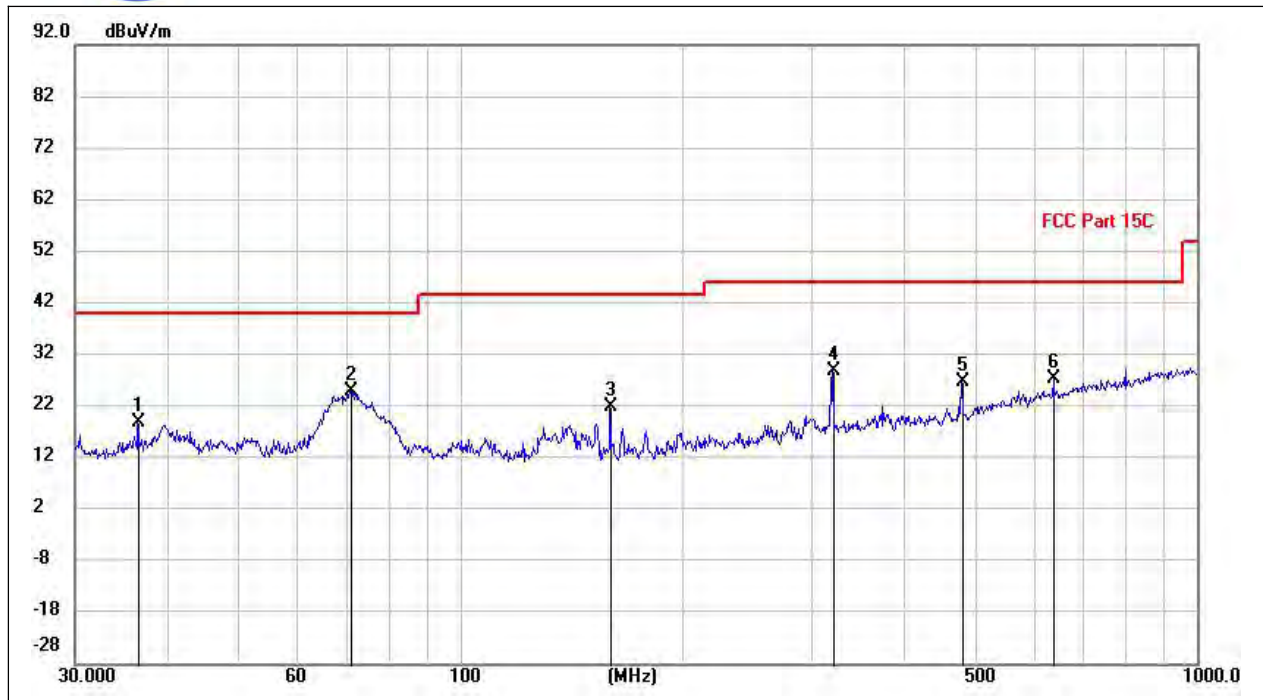
(802.11b _2437MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1277.329	11.65	30.61	42.26	74.00	-31.74	peak	V
1302.839	3.81	30.74	34.55	54.00	-19.45	AVG	V
1534.890	11.55	33.05	44.60	74.00	-29.40	peak	V
1544.702	2.76	33.27	36.03	54.00	-17.97	AVG	V
1798.564	2.77	36.68	39.45	54.00	-14.55	AVG	V
1809.663	12.19	36.13	48.32	74.00	-25.68	peak	V
2008.853	3.61	37.12	40.73	54.00	-13.27	AVG	V
2014.710	12.49	36.80	49.29	74.00	-24.71	peak	V
2437.504	49.87	40.79	90.66	NA	NA	AVG	V
2437.638	55.95	40.79	96.74	NA	NA	peak	V
2871.494	12.50	44.21	56.71	74.00	-17.29	peak	V
2945.300	2.61	44.56	47.17	54.00	-6.83	AVG	V



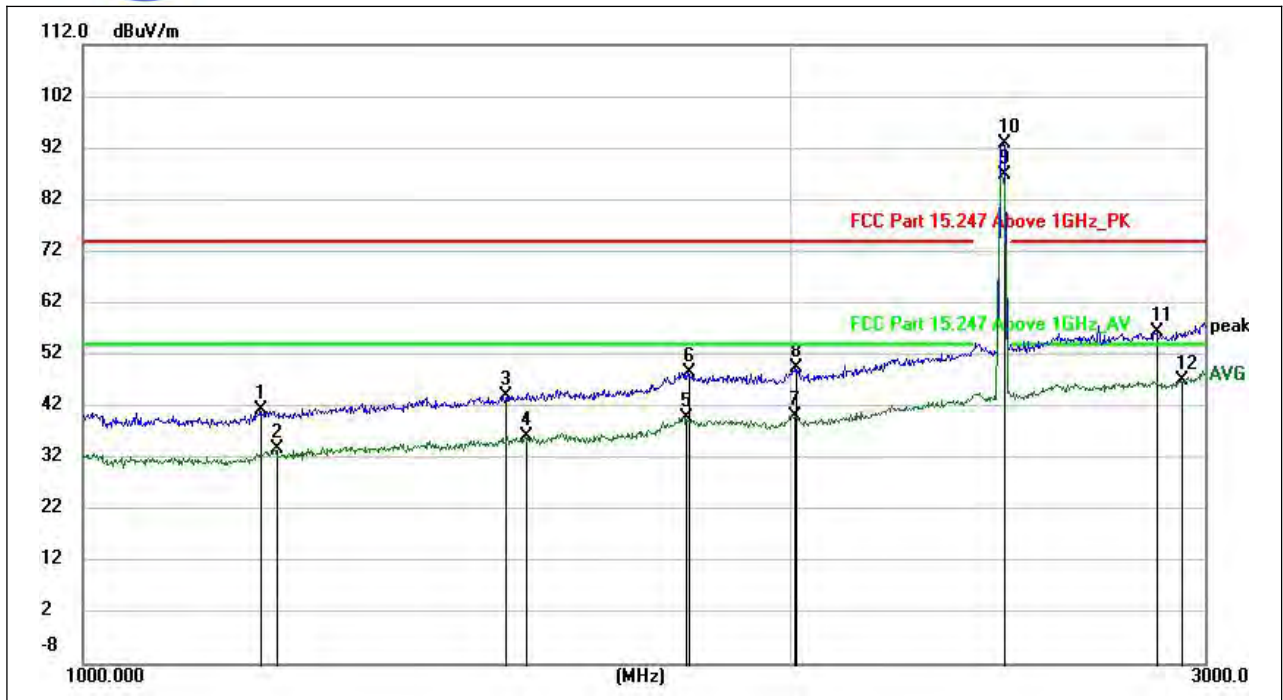
(802.11b _2437MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
3249.000	51.50	-6.10	45.40	74.00	-28.60	peak	V
3249.000	49.43	-6.10	43.33	54.00	-10.67	AVG	V
4874.250	62.97	-2.86	60.11	74.00	-13.89	peak	V
4874.250	55.75	-2.86	52.89	54.00	-1.11	AVG	V
7302.000	37.30	-0.27	37.03	54.00	-16.97	AVG	V
7308.000	48.27	-0.26	48.01	74.00	-25.99	peak	V
9747.750	49.31	2.00	51.31	74.00	-22.69	peak	V
9747.750	43.87	2.00	45.87	54.00	-8.13	AVG	V
13371.750	42.68	6.48	49.16	74.00	-24.84	peak	V
13409.250	33.09	6.37	39.46	54.00	-14.54	AVG	V
15744.000	32.86	11.07	43.93	54.00	-10.07	AVG	V
15753.000	41.66	10.87	52.53	74.00	-21.47	peak	V



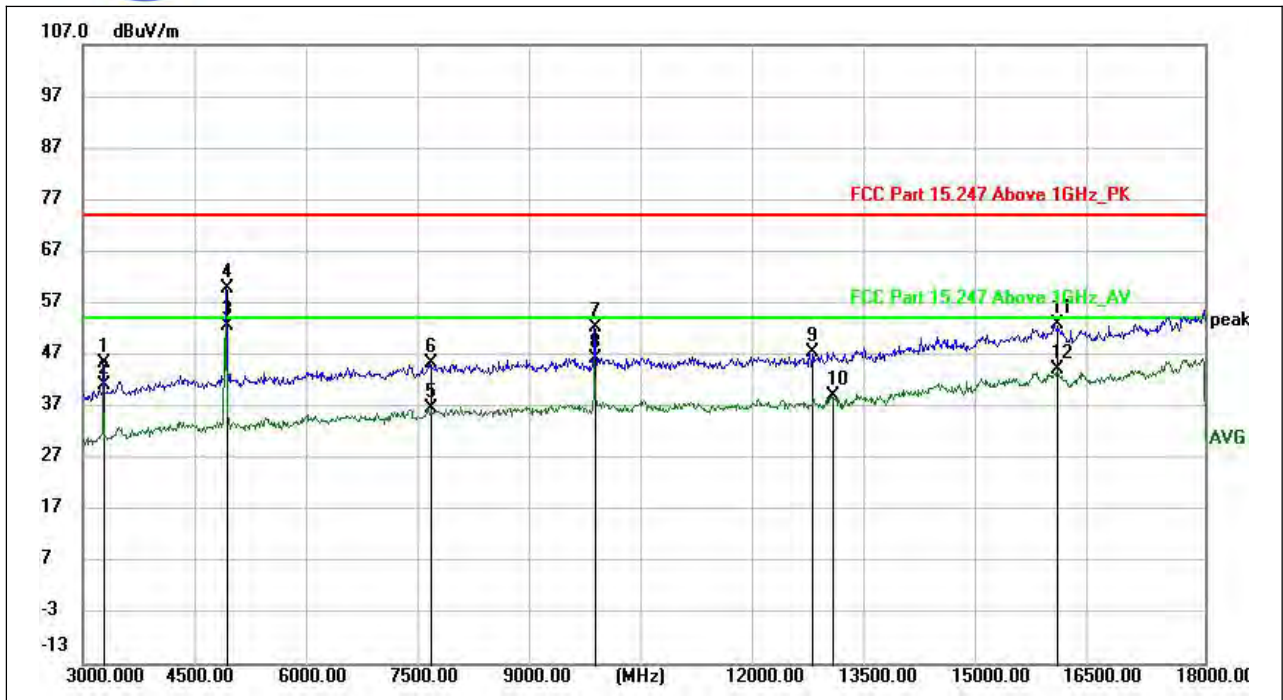
(802.11b _2462MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
36.6054	5.44	13.38	18.82	40.00	-21.18	peak	H
70.9558	13.64	11.37	25.01	40.00	-14.99	peak	H
160.0087	9.56	12.20	21.76	43.50	-21.74	peak	H
319.9931	10.81	18.00	28.81	46.00	-17.19	peak	H
480.0224	5.04	21.54	26.58	46.00	-19.42	peak	H
640.0497	3.32	24.09	27.41	46.00	-18.59	peak	H



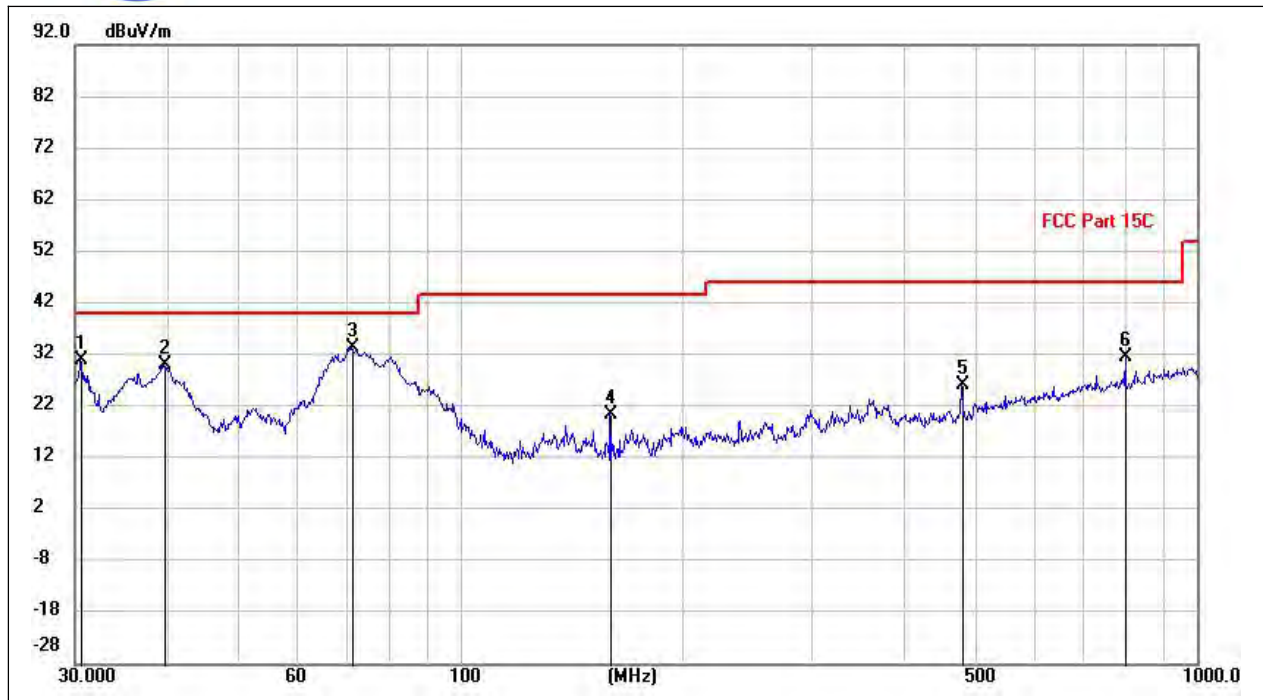
(802.11b _2462MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1190.733	11.24	30.07	41.31	74.00	-32.69	peak	H
1208.326	3.49	30.30	33.79	54.00	-20.21	AVG	H
1512.128	11.28	32.78	44.06	74.00	-29.94	peak	H
1543.260	2.97	33.24	36.21	54.00	-17.79	AVG	H
1804.204	3.25	36.50	39.75	54.00	-14.25	AVG	H
1810.956	12.54	36.04	48.58	74.00	-25.42	peak	H
2008.743	2.94	37.12	40.06	54.00	-13.94	AVG	H
2010.398	12.39	37.03	49.42	74.00	-24.58	peak	H
2462.942	45.32	41.52	86.84	NA	NA	AVG	H
2463.077	51.46	41.53	92.99	NA	NA	peak	H
2863.461	12.11	44.15	56.26	74.00	-17.74	peak	H
2931.580	2.77	44.38	47.15	54.00	-6.85	AVG	H



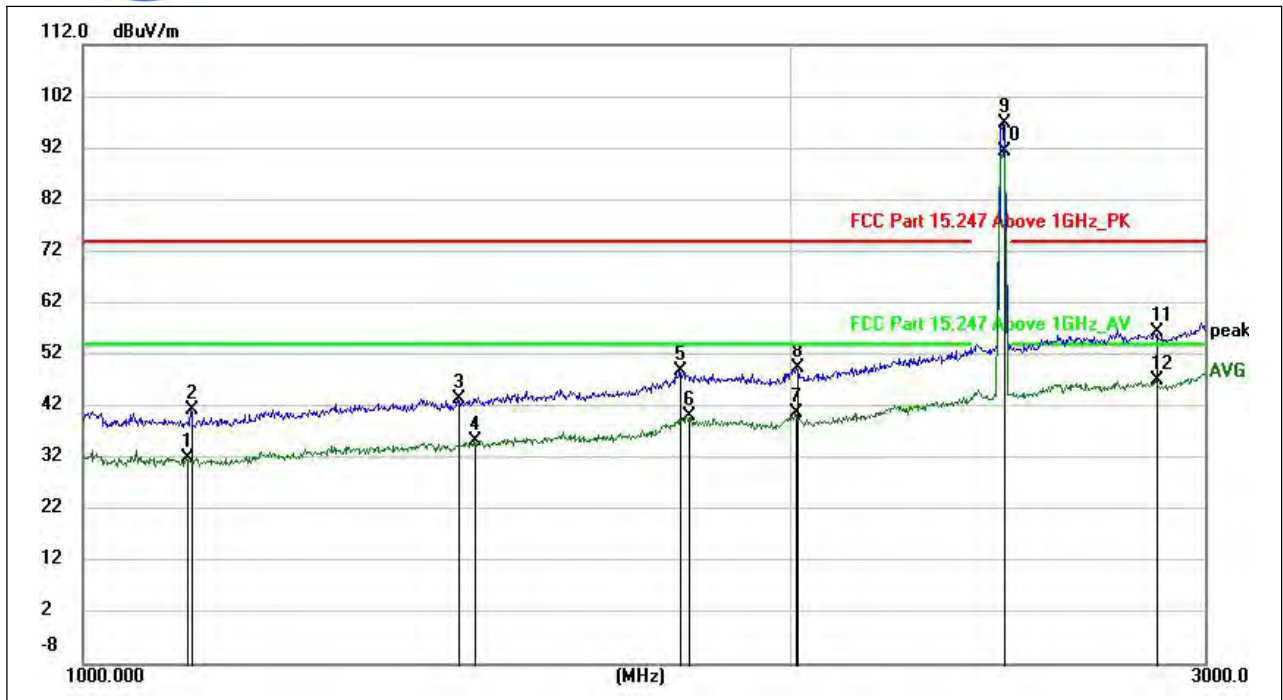
(802.11b _2462MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
3282.000	51.37	-5.93	45.44	74.00	-28.56	peak	H
3282.000	46.99	-5.93	41.06	54.00	-12.94	AVG	H
4923.000	55.21	-2.74	52.47	54.00	-1.53	AVG	H
4923.750	62.70	-2.74	59.96	74.00	-14.04	peak	H
7644.000	35.81	0.77	36.58	54.00	-17.42	AVG	H
7650.000	44.37	0.85	45.22	74.00	-28.78	peak	H
9848.250	50.44	1.80	52.24	74.00	-21.76	peak	H
9848.250	44.55	1.80	46.35	54.00	-7.65	AVG	H
12741.750	42.56	4.89	47.45	74.00	-26.55	peak	H
13029.000	32.75	6.27	39.02	54.00	-14.98	AVG	H
16014.000	41.13	11.82	52.95	74.00	-21.05	peak	H
16027.500	32.14	11.86	44.00	54.00	-10.00	AVG	H



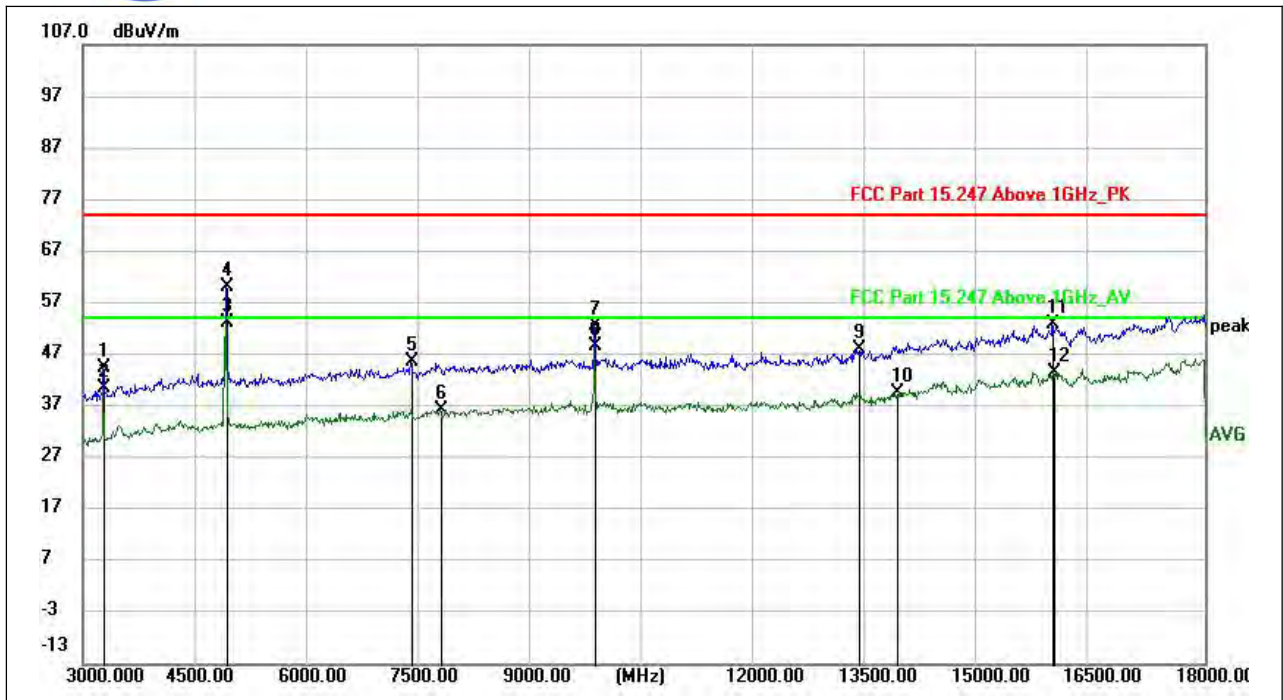
(802.11b _2462MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
30.6218	18.30	12.79	31.09	40.00	-8.91	peak	V
39.6313	14.94	15.14	30.08	40.00	-9.92	peak	V
71.5053	22.36	10.95	33.31	40.00	-6.69	peak	V
160.0367	8.16	12.19	20.35	43.50	-23.15	peak	V
480.0224	4.49	21.54	26.03	46.00	-19.97	peak	V
800.1012	5.34	26.13	31.47	46.00	-14.53	peak	V



(802.11b _2462MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1108.060	2.96	29.01	31.97	54.00	-22.03	AVG	V
1112.695	12.43	28.97	41.40	74.00	-32.60	peak	V
1444.655	11.72	31.71	43.43	74.00	-30.57	peak	V
1467.288	3.08	32.31	35.39	54.00	-18.61	AVG	V
1795.603	12.42	36.44	48.86	74.00	-25.14	peak	V
1808.669	3.89	36.19	40.08	54.00	-13.92	AVG	V
2010.398	3.57	37.03	40.60	54.00	-13.40	AVG	V
2013.382	12.42	36.87	49.29	74.00	-24.71	peak	V
2462.536	55.29	41.51	96.80	NA	NA	peak	V
2462.536	49.87	41.51	91.38	NA	NA	AVG	V
2860.631	12.18	44.05	56.23	74.00	-17.77	peak	V
2862.203	2.97	44.11	47.08	54.00	-6.92	AVG	V

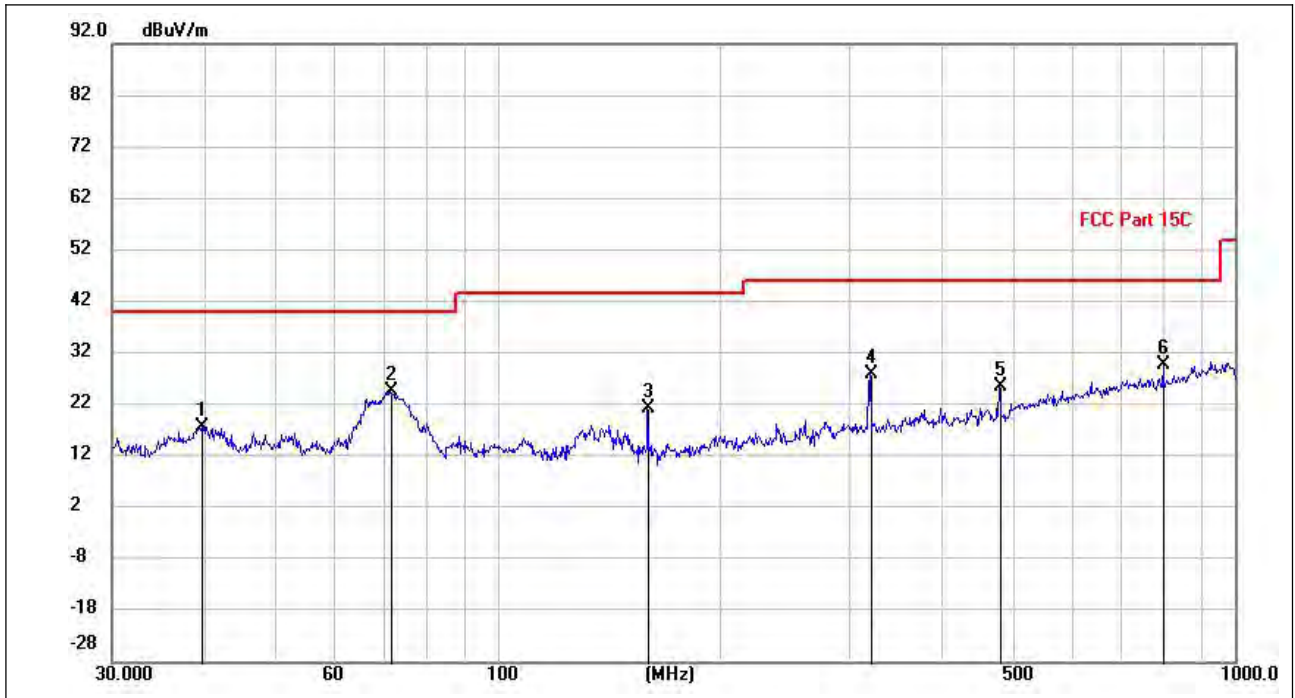


(802.11b _2462MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
3282.000	50.37	-5.93	44.44	74.00	-29.56	peak	V
3282.000	46.46	-5.93	40.53	54.00	-13.47	AVG	V
4923.000	55.86	-2.74	53.12	54.00	-0.88	AVG	V
4924.500	62.84	-2.75	60.09	74.00	-13.91	peak	V
7388.250	45.90	-0.38	45.52	74.00	-28.48	peak	V
7783.500	35.98	0.31	36.29	54.00	-17.71	AVG	V
9848.250	50.47	1.97	52.44	74.00	-21.56	peak	V
9848.250	46.66	1.97	48.63	54.00	-5.37	AVG	V
13366.500	41.59	6.49	48.08	74.00	-25.92	peak	V
13887.000	32.17	7.49	39.66	54.00	-14.34	AVG	V
15966.750	41.69	11.22	52.91	74.00	-21.09	peak	V
15985.500	32.14	11.46	43.60	54.00	-10.40	AVG	V

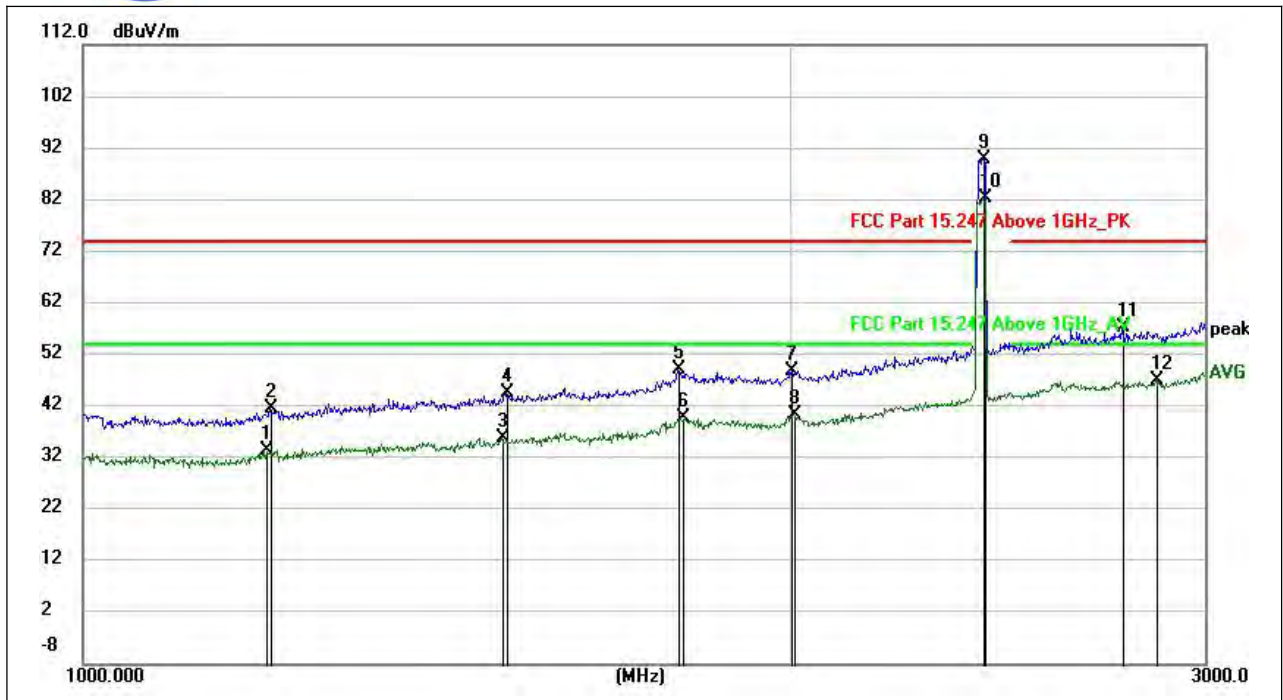


802.11g Test mode



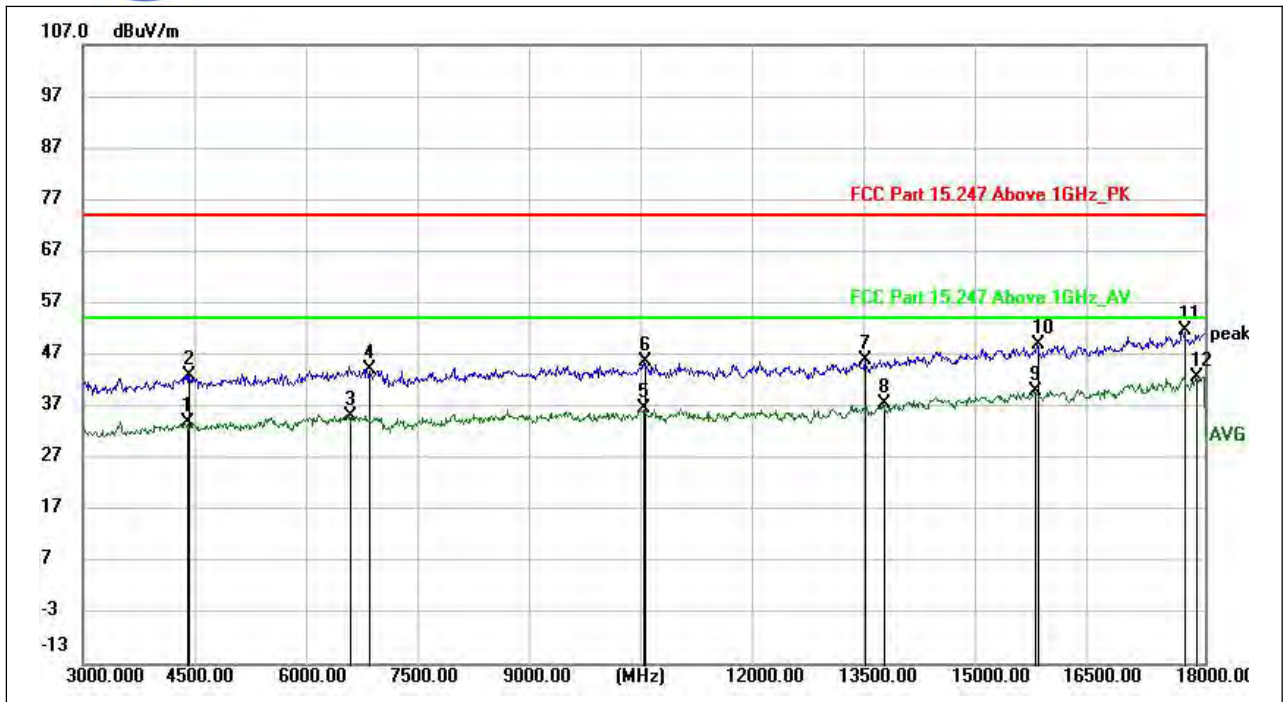
(802.11g _2412MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
39.7984	2.33	15.40	17.73	40.00	-22.27	peak	H
71.7062	13.70	10.80	24.50	40.00	-15.50	peak	H
160.0087	8.98	12.20	21.18	43.50	-22.32	peak	H
319.9931	9.81	18.00	27.81	46.00	-18.19	peak	H
480.0224	4.06	21.54	25.60	46.00	-20.40	peak	H
800.1012	3.72	26.13	29.85	46.00	-16.15	peak	H



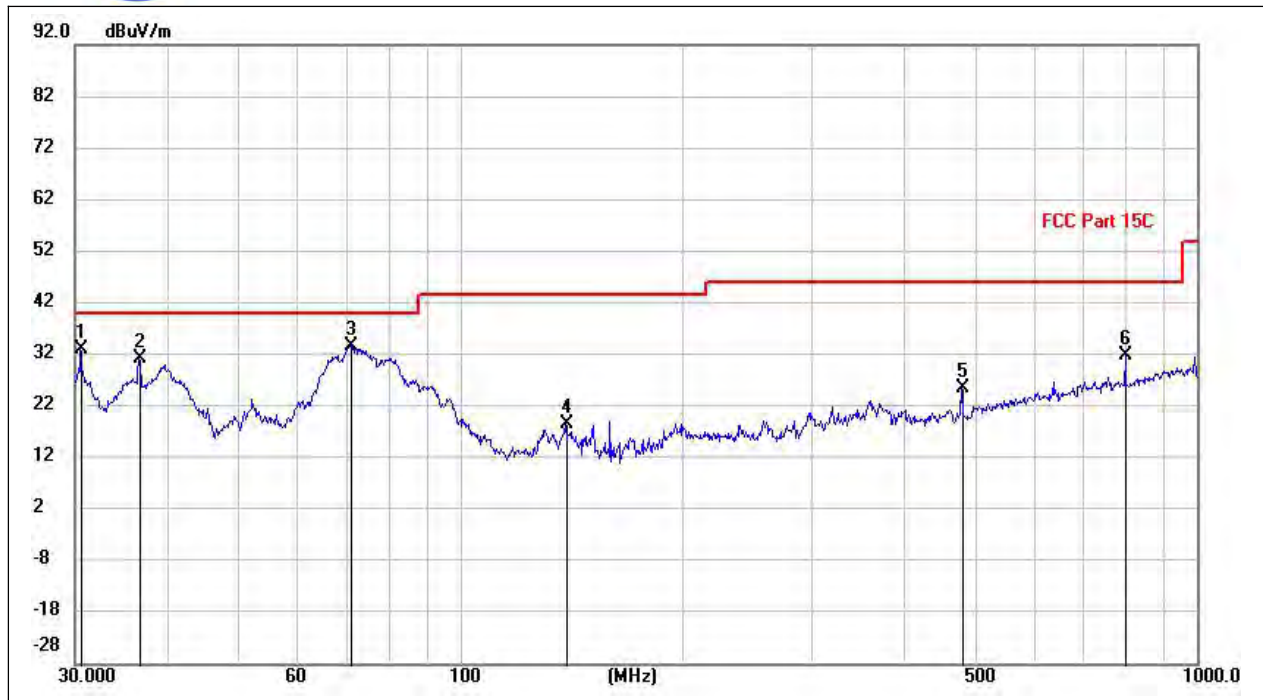
(802.11g _2412MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1196.766	2.97	30.47	33.44	54.00	-20.56	AVG	H
1202.433	10.95	30.58	41.53	74.00	-32.47	peak	H
1508.394	3.20	32.68	35.88	54.00	-18.12	AVG	H
1515.787	11.80	32.87	44.67	74.00	-29.33	peak	H
1790.383	13.24	35.90	49.14	74.00	-24.86	peak	H
1798.762	3.16	36.69	39.85	54.00	-14.15	AVG	H
2001.363	11.68	37.20	48.88	74.00	-25.12	peak	H
2005.986	3.17	37.27	40.44	54.00	-13.56	AVG	H
2413.787	48.83	41.05	89.88	NA	NA	peak	H
2417.104	41.28	40.88	82.16	NA	NA	AVG	H
2770.777	13.91	43.29	57.20	74.00	-16.80	peak	H
2863.933	2.86	44.17	47.03	54.00	-6.97	AVG	H



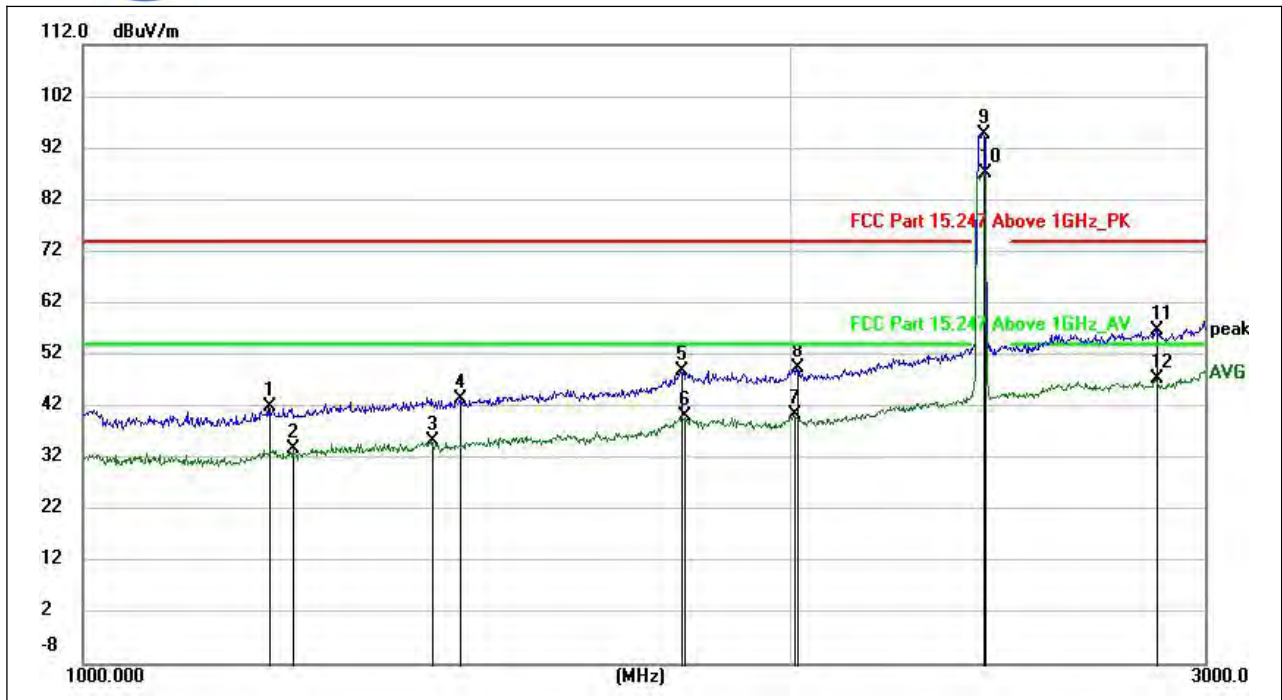
(802.11g_2412MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
3215.250	50.61	-6.35	44.26	74.00	-29.74	peak	H
3215.250	45.55	-6.35	39.20	54.00	-14.80	AVG	H
4825.500	60.54	-3.20	57.34	74.00	-16.66	peak	H
4825.500	53.90	-3.20	50.70	54.00	-3.30	AVG	H
7235.250	38.66	-0.36	38.30	54.00	-15.70	AVG	H
7238.250	47.60	-0.35	47.25	74.00	-26.75	peak	H
9648.000	40.12	1.71	41.83	54.00	-12.17	AVG	H
9658.500	46.95	1.67	48.62	74.00	-25.38	peak	H
12795.000	42.46	4.95	47.41	74.00	-26.59	peak	H
12940.500	33.17	5.34	38.51	54.00	-15.49	AVG	H
15732.000	32.61	11.33	43.94	54.00	-10.06	AVG	H
15735.750	42.63	11.25	53.88	74.00	-20.12	peak	H



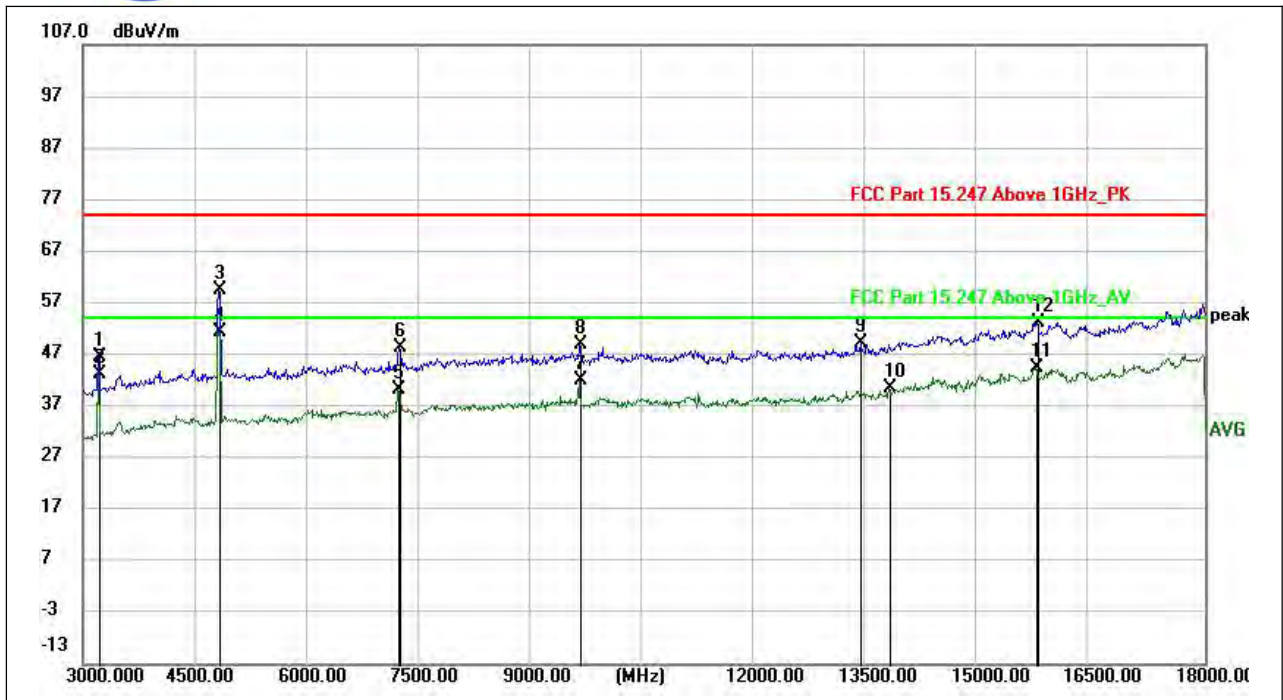
(802.11g _2412MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
30.5413	20.13	12.93	33.06	40.00	-6.94	peak	V
36.7404	17.84	13.45	31.29	40.00	-8.71	peak	V
70.8439	22.29	11.45	33.74	40.00	-6.26	peak	V
139.0928	6.91	11.73	18.64	43.50	-24.86	peak	V
480.0224	4.10	21.54	25.64	46.00	-20.36	peak	V
800.1012	5.73	26.13	31.86	46.00	-14.14	peak	V



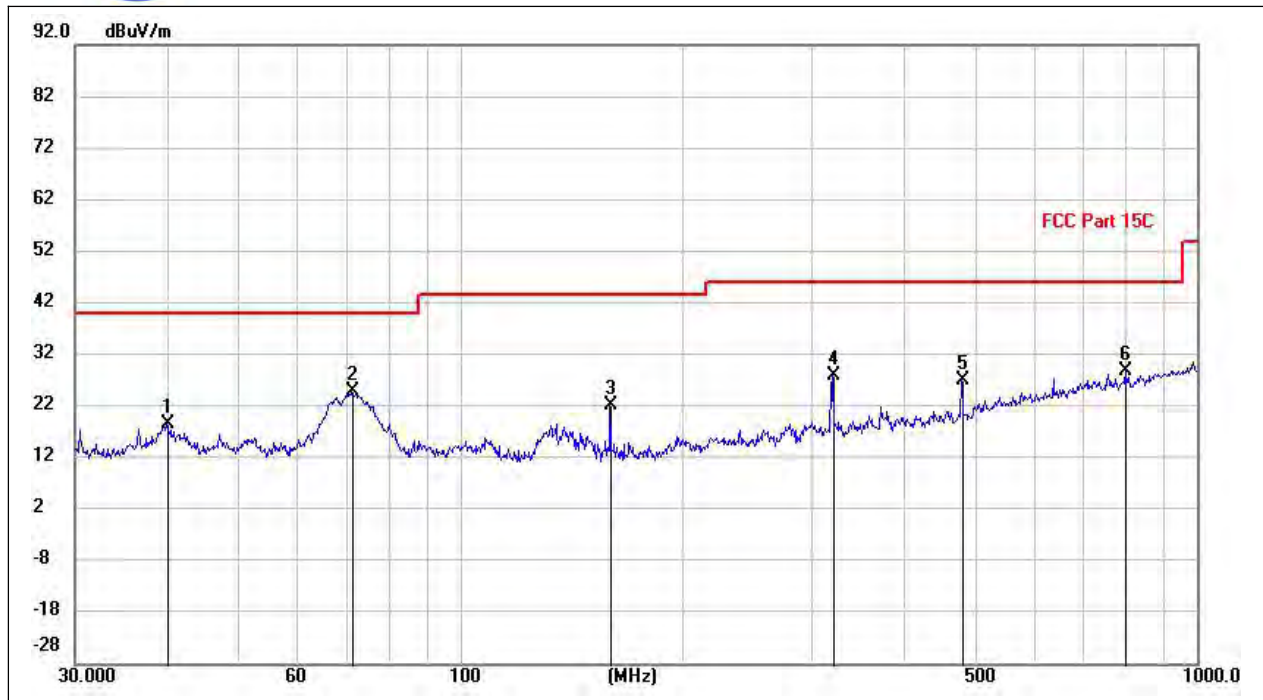
(802.11g _2412MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1200.190	11.09	30.69	41.78	74.00	-32.22	peak	V
1228.876	3.92	29.89	33.81	54.00	-20.19	AVG	V
1408.144	3.49	31.70	35.19	54.00	-18.81	AVG	V
1448.071	11.72	31.80	43.52	74.00	-30.48	peak	V
1797.181	12.20	36.58	48.78	74.00	-25.22	peak	V
1801.332	3.34	36.69	40.03	54.00	-13.97	AVG	V
2005.325	2.96	37.31	40.27	54.00	-13.73	AVG	V
2011.945	12.54	36.95	49.49	74.00	-24.51	peak	V
2413.654	53.75	41.04	94.79	NA	NA	peak	V
2417.237	46.38	40.88	87.26	NA	NA	AVG	V
2863.304	12.39	44.15	56.54	74.00	-17.46	peak	V
2863.304	3.13	44.15	47.28	54.00	-6.72	AVG	V



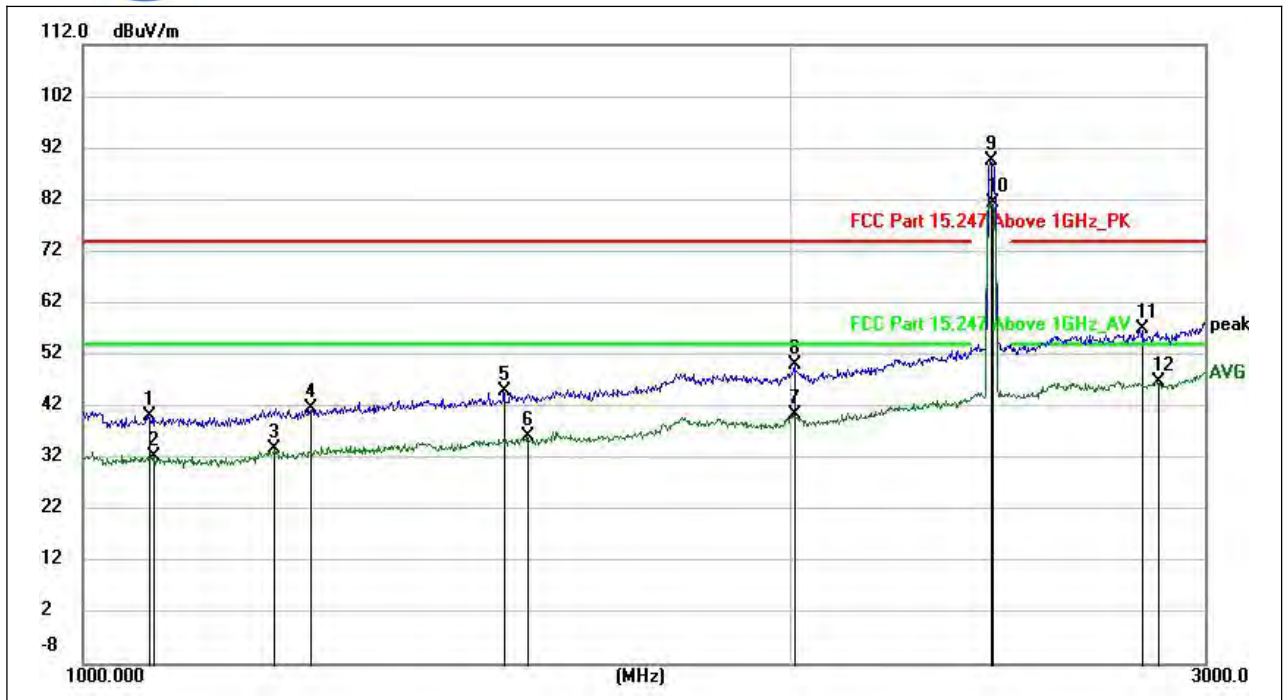
(802.11g _2412MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
3216.000	53.04	-6.35	46.69	74.00	-27.31	peak	V
3216.000	49.61	-6.35	43.26	54.00	-10.74	AVG	V
4825.500	62.86	-3.20	59.66	74.00	-14.34	peak	V
4825.500	54.72	-3.20	51.52	54.00	-2.48	AVG	V
7230.000	40.53	-0.36	40.17	54.00	-13.83	AVG	V
7241.250	48.63	-0.34	48.29	74.00	-25.71	peak	V
9648.000	40.34	1.71	42.05	54.00	-11.95	AVG	V
9652.500	47.20	1.69	48.89	74.00	-25.11	peak	V
13408.500	43.05	6.36	49.41	74.00	-24.59	peak	V
13785.750	33.37	7.04	40.41	54.00	-13.59	AVG	V
15750.000	33.54	10.94	44.48	54.00	-9.52	AVG	V
15761.250	42.53	10.69	53.22	74.00	-20.78	peak	V



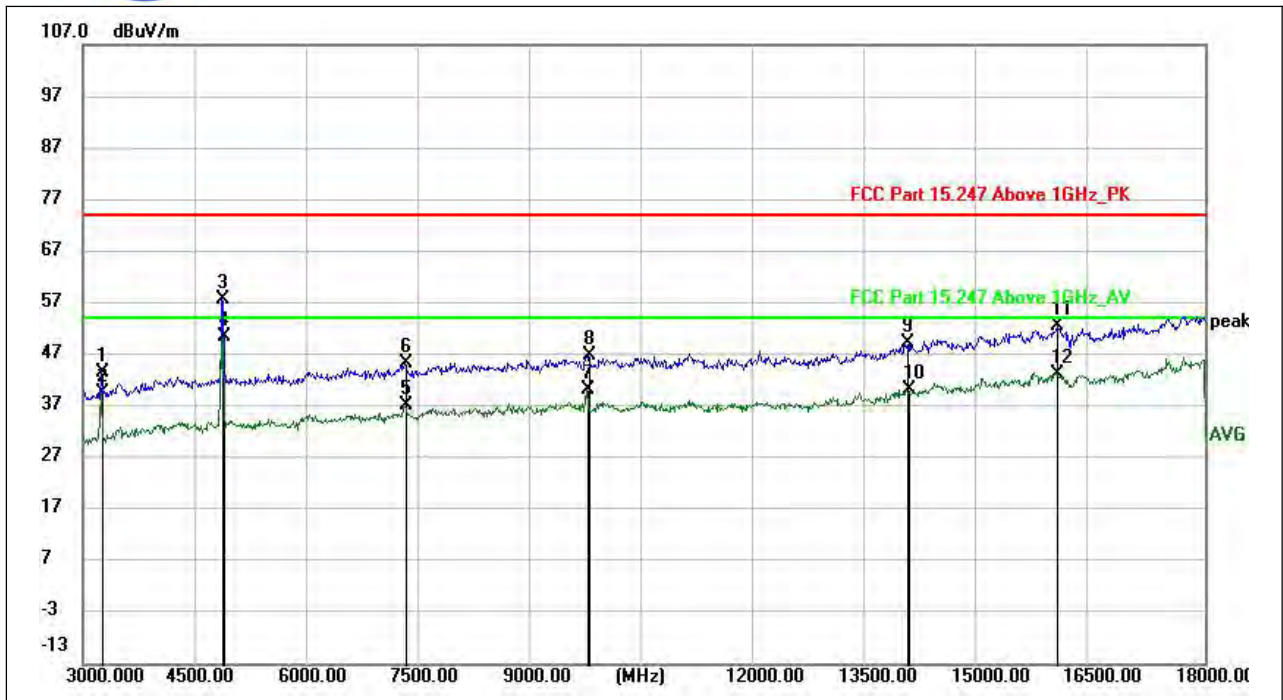
(802.11g _2437MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
40.0925	2.97	15.61	18.58	40.00	-21.42	peak	H
71.3926	13.76	11.04	24.80	40.00	-15.20	peak	H
160.0087	9.89	12.20	22.09	43.50	-21.41	peak	H
319.9931	10.07	18.00	28.07	46.00	-17.93	peak	H
480.0224	5.41	21.54	26.95	46.00	-19.05	peak	H
800.1012	2.74	26.13	28.87	46.00	-17.13	peak	H



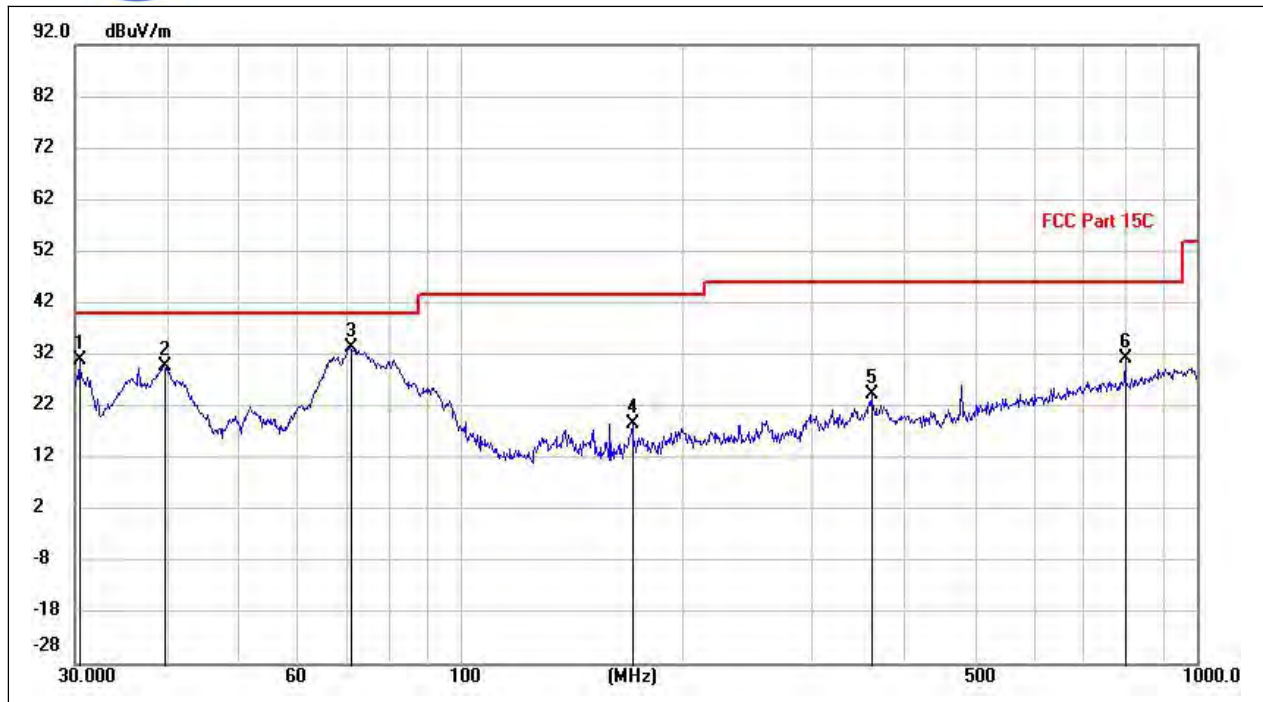
(802.11g _2437MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1067.199	11.08	28.94	40.02	74.00	-33.98	peak	H
1072.076	3.32	29.03	32.35	54.00	-21.65	AVG	H
1205.674	3.31	30.42	33.73	54.00	-20.27	AVG	H
1249.157	11.47	30.17	41.64	74.00	-32.36	peak	H
1510.467	12.13	32.74	44.87	74.00	-29.13	peak	H
1545.381	2.94	33.28	36.22	54.00	-17.78	AVG	H
2007.198	3.27	37.21	40.48	54.00	-13.52	AVG	H
2008.081	13.01	37.16	50.17	74.00	-23.83	peak	H
2432.689	48.67	40.78	89.45	NA	NA	peak	H
2435.898	40.55	40.79	81.34	NA	NA	AVG	H
2818.363	13.73	43.17	56.90	74.00	-17.10	peak	H
2864.720	2.61	44.20	46.81	54.00	-7.19	AVG	H



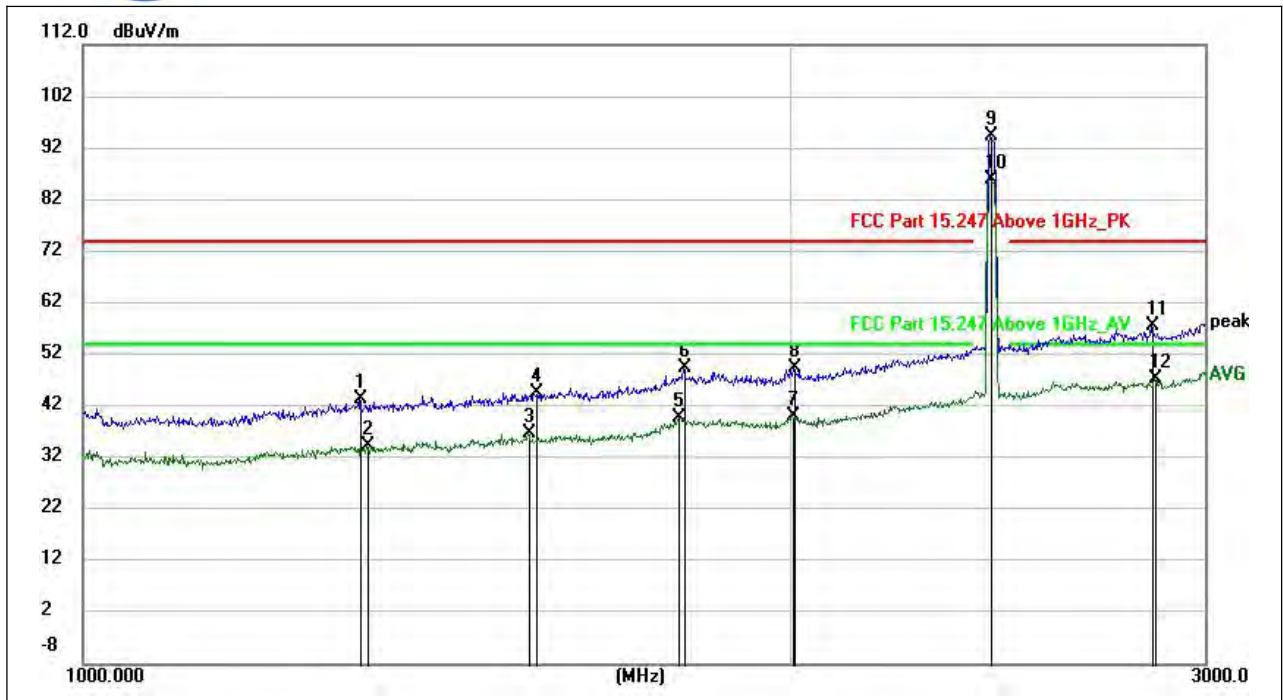
(802.11g _2437MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
3249.000	49.62	-6.10	43.52	74.00	-30.48	peak	H
3249.000	45.75	-6.10	39.65	54.00	-14.35	AVG	H
4873.500	60.54	-2.86	57.68	74.00	-16.32	peak	H
4875.750	53.23	-2.85	50.38	54.00	-3.62	AVG	H
7315.500	37.48	-0.25	37.23	54.00	-16.77	AVG	H
7320.000	45.49	-0.24	45.25	74.00	-28.75	peak	H
9747.750	38.36	2.00	40.36	54.00	-13.64	AVG	H
9762.750	45.10	1.87	46.97	74.00	-27.03	peak	H
14013.000	41.22	8.12	49.34	74.00	-24.66	peak	H
14026.500	32.11	8.18	40.29	54.00	-13.71	AVG	H
16030.500	40.73	11.85	52.58	74.00	-21.42	peak	H
16030.500	31.53	11.85	43.38	54.00	-10.62	AVG	H



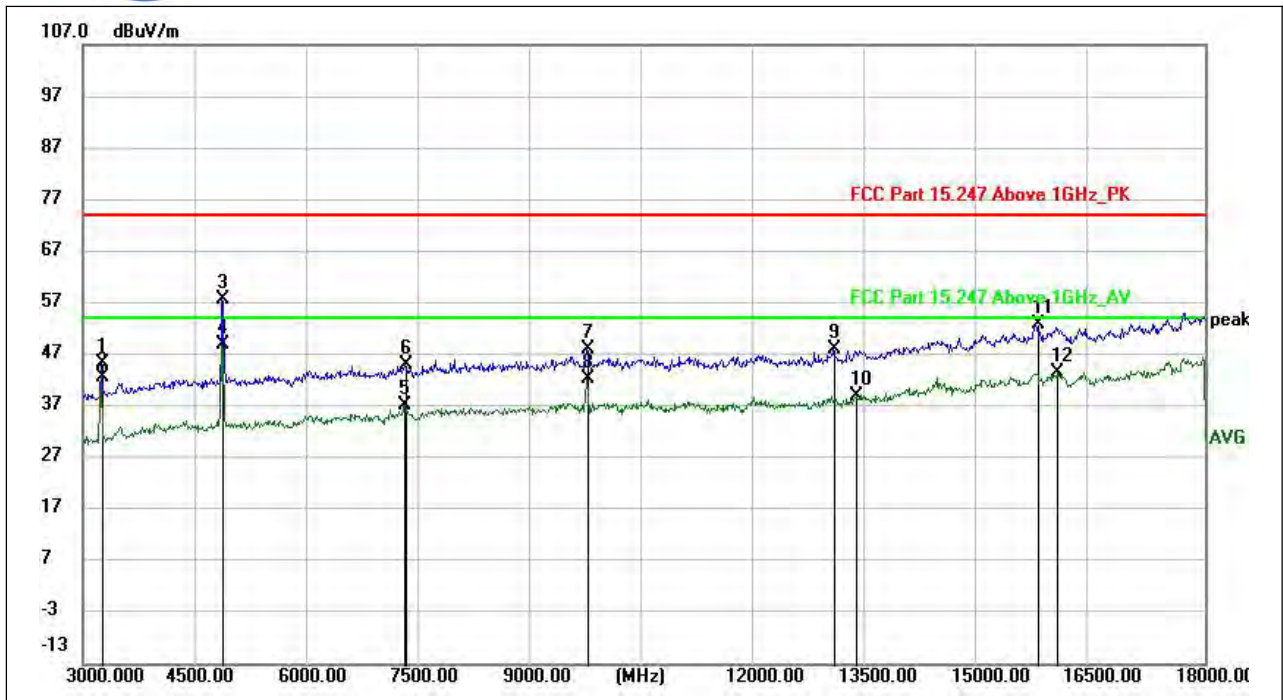
(802.11g _2437MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
30.5092	18.07	12.99	31.06	40.00	-8.94	peak	V
39.6938	14.36	15.24	29.60	40.00	-10.40	peak	V
70.9061	21.96	11.41	33.37	40.00	-6.63	peak	V
171.9042	6.62	12.00	18.62	43.50	-24.88	peak	V
362.8572	6.03	18.28	24.31	46.00	-21.69	peak	V
800.1012	5.22	26.13	31.35	46.00	-14.65	peak	V



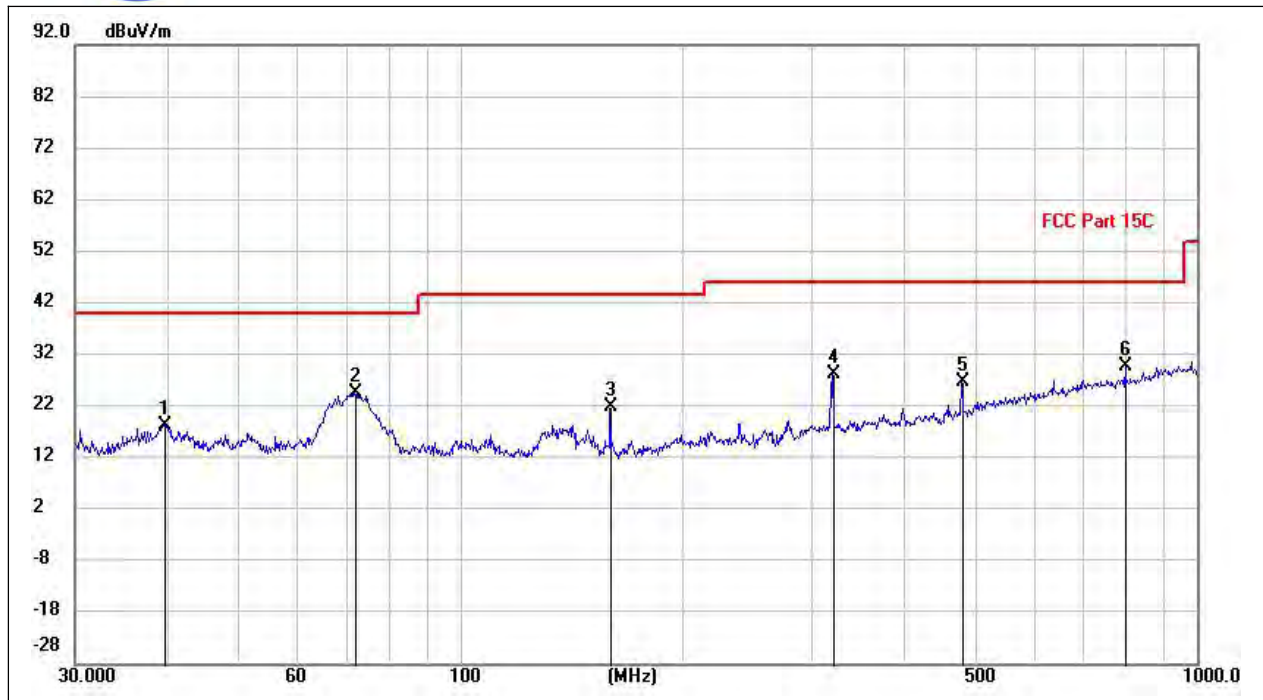
(802.11g _2437MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1311.744	12.60	30.78	43.38	74.00	-30.62	peak	V
1321.580	3.44	30.78	34.22	54.00	-19.78	AVG	V
1548.184	3.39	33.31	36.70	54.00	-17.30	AVG	V
1557.396	11.48	33.24	44.72	74.00	-29.28	peak	V
1794.025	3.62	36.28	39.90	54.00	-14.10	AVG	V
1801.530	12.76	36.68	49.44	74.00	-24.56	peak	V
2004.224	2.79	37.37	40.16	54.00	-13.84	AVG	V
2005.766	12.02	37.29	49.31	74.00	-24.69	peak	V
2432.288	53.58	40.78	94.36	NA	NA	peak	V
2432.288	45.28	40.78	86.06	NA	NA	AVG	V
2850.279	13.83	43.68	57.51	74.00	-16.49	peak	V
2857.490	3.31	43.94	47.25	54.00	-6.75	AVG	V



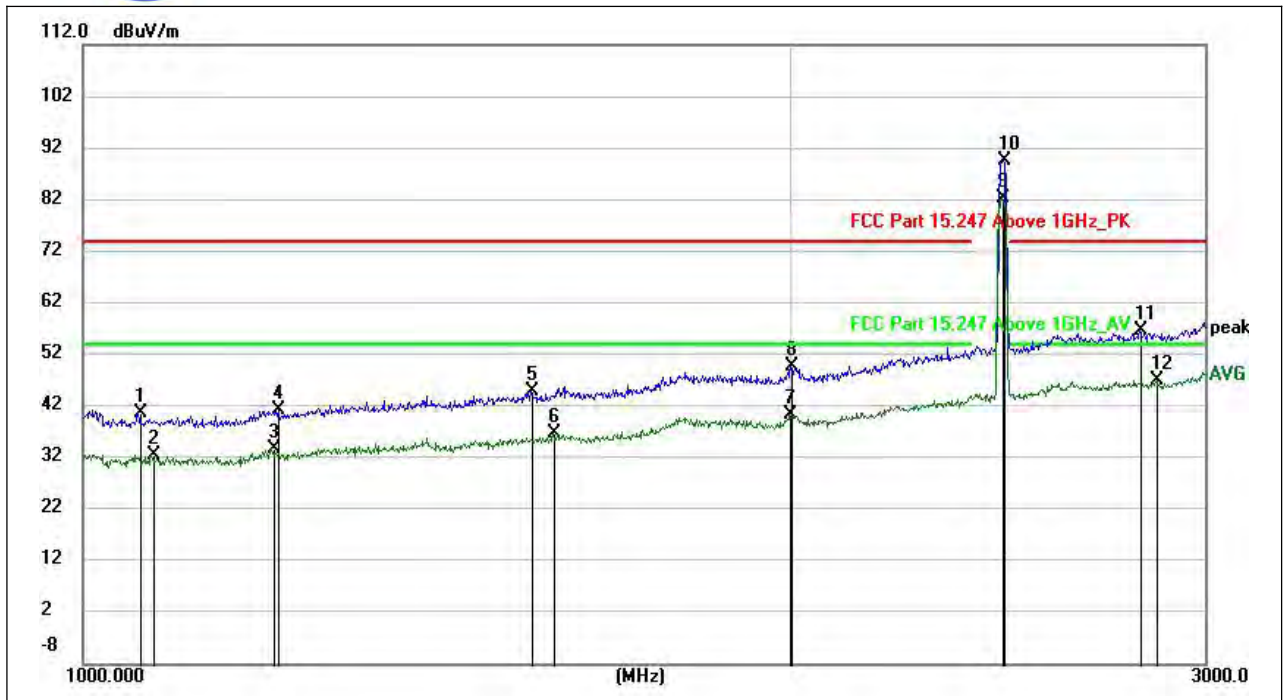
(802.11g_2437MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
3249.000	51.35	-6.10	45.25	74.00	-28.75	peak	V
3249.000	48.83	-6.10	42.73	54.00	-11.27	AVG	V
4874.250	60.49	-2.86	57.63	74.00	-16.37	peak	V
4874.250	51.67	-2.86	48.81	54.00	-5.19	AVG	V
7302.000	37.40	-0.27	37.13	54.00	-16.87	AVG	V
7314.000	45.23	-0.25	44.98	74.00	-29.02	peak	V
9747.750	46.13	2.00	48.13	74.00	-25.87	peak	V
9747.750	40.33	2.00	42.33	54.00	-11.67	AVG	V
13043.250	41.64	6.29	47.93	74.00	-26.07	peak	V
13345.500	32.69	6.37	39.06	54.00	-14.94	AVG	V
15757.500	42.16	10.77	52.93	74.00	-21.07	peak	V
16035.000	31.67	11.72	43.39	54.00	-10.61	AVG	V



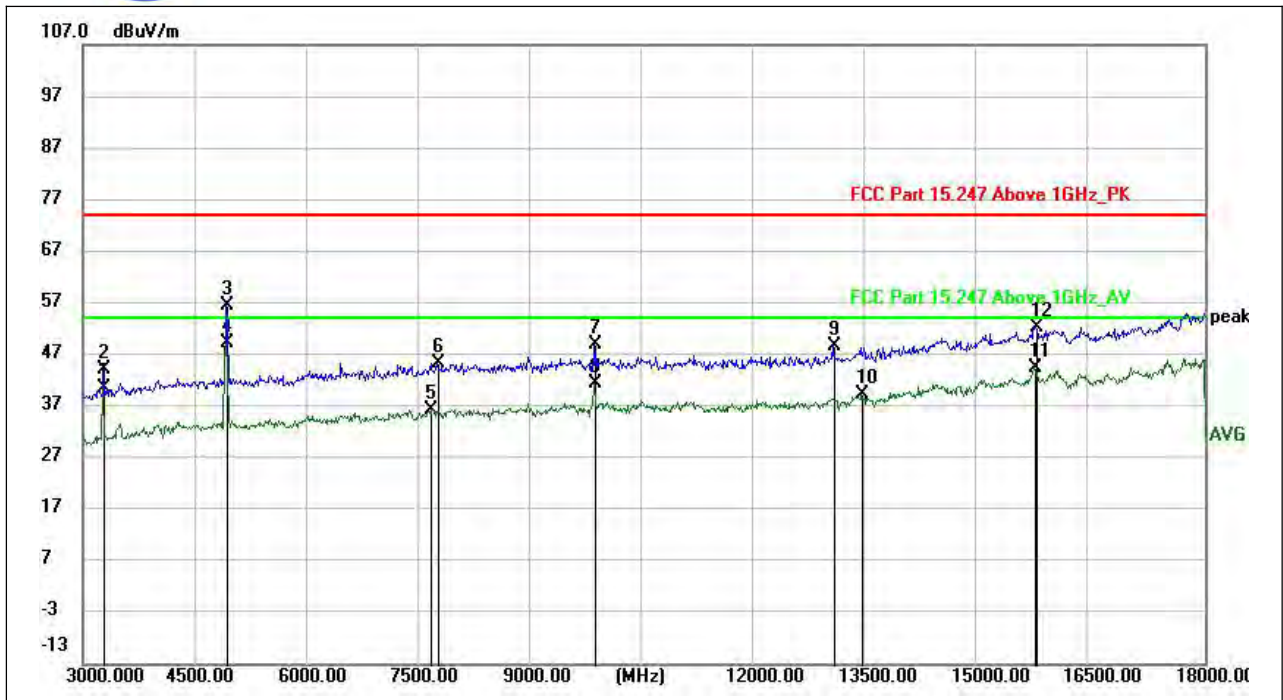
(802.11g _2462MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
39.6660	3.18	15.20	18.38	40.00	-21.62	peak	H
71.9581	14.00	10.60	24.60	40.00	-15.40	peak	H
159.9806	9.56	12.19	21.75	43.50	-21.75	peak	H
320.0492	10.31	17.99	28.30	46.00	-17.70	peak	H
480.0224	5.08	21.54	26.62	46.00	-19.38	peak	H
799.9609	3.46	26.13	29.59	46.00	-16.41	peak	H



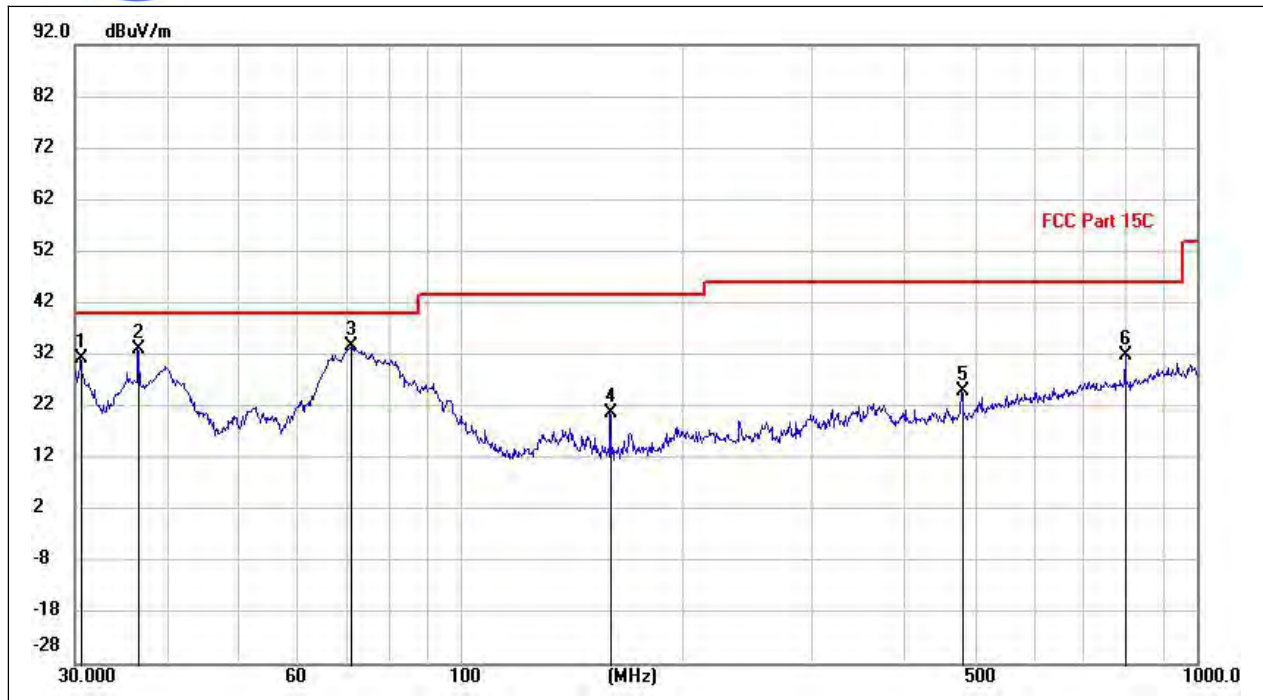
(802.11g _2462MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1056.583	11.88	28.73	40.61	74.00	-33.39	peak	H
1070.605	3.42	29.05	32.47	54.00	-21.53	AVG	H
1204.218	3.19	30.49	33.68	54.00	-20.32	AVG	H
1211.050	11.04	30.19	41.23	74.00	-32.77	peak	H
1550.738	11.69	33.28	44.97	74.00	-29.03	peak	H
1586.233	3.12	33.60	36.72	54.00	-17.28	AVG	H
1999.605	3.27	37.07	40.34	54.00	-13.66	AVG	H
2001.473	12.55	37.20	49.75	74.00	-24.25	peak	H
2461.184	40.90	41.46	82.36	NA	NA	AVG	H
2463.077	47.88	41.53	89.41	NA	NA	peak	H
2815.578	13.17	43.40	56.57	74.00	-17.43	peak	H
2863.776	2.96	44.16	47.12	54.00	-6.88	AVG	H



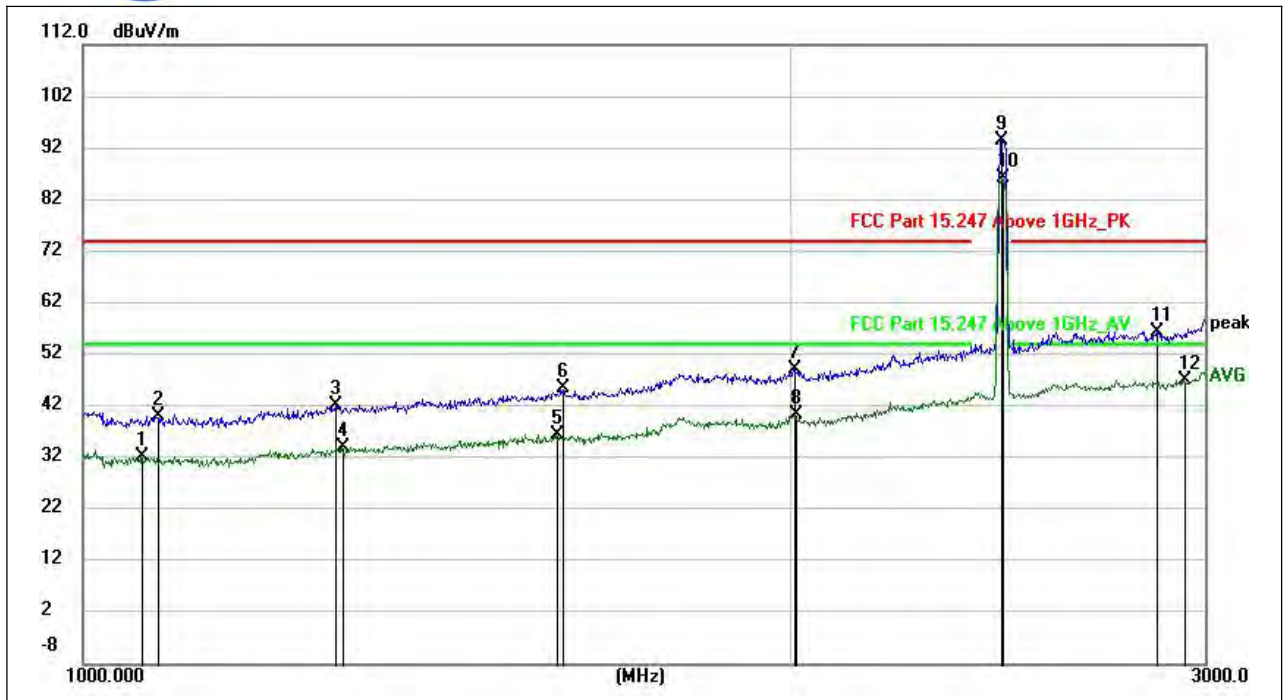
(802.11g _2462MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
3282.000	46.38	-5.93	40.45	54.00	-13.55	AVG	H
3282.750	50.21	-5.95	44.26	74.00	-29.74	peak	H
4925.250	59.16	-2.76	56.40	74.00	-17.60	peak	H
4925.250	52.01	-2.76	49.25	54.00	-4.75	AVG	H
7660.500	35.49	0.91	36.40	54.00	-17.60	AVG	H
7749.750	45.11	0.15	45.26	74.00	-28.74	peak	H
9848.250	47.22	1.80	49.02	74.00	-24.98	peak	H
9848.250	39.65	1.80	41.45	54.00	-12.55	AVG	H
13041.000	42.10	6.43	48.53	74.00	-25.47	peak	H
13413.000	32.94	6.35	39.29	54.00	-14.71	AVG	H
15730.500	33.02	11.32	44.34	54.00	-9.66	AVG	H
15738.000	41.22	11.20	52.42	74.00	-21.58	peak	H



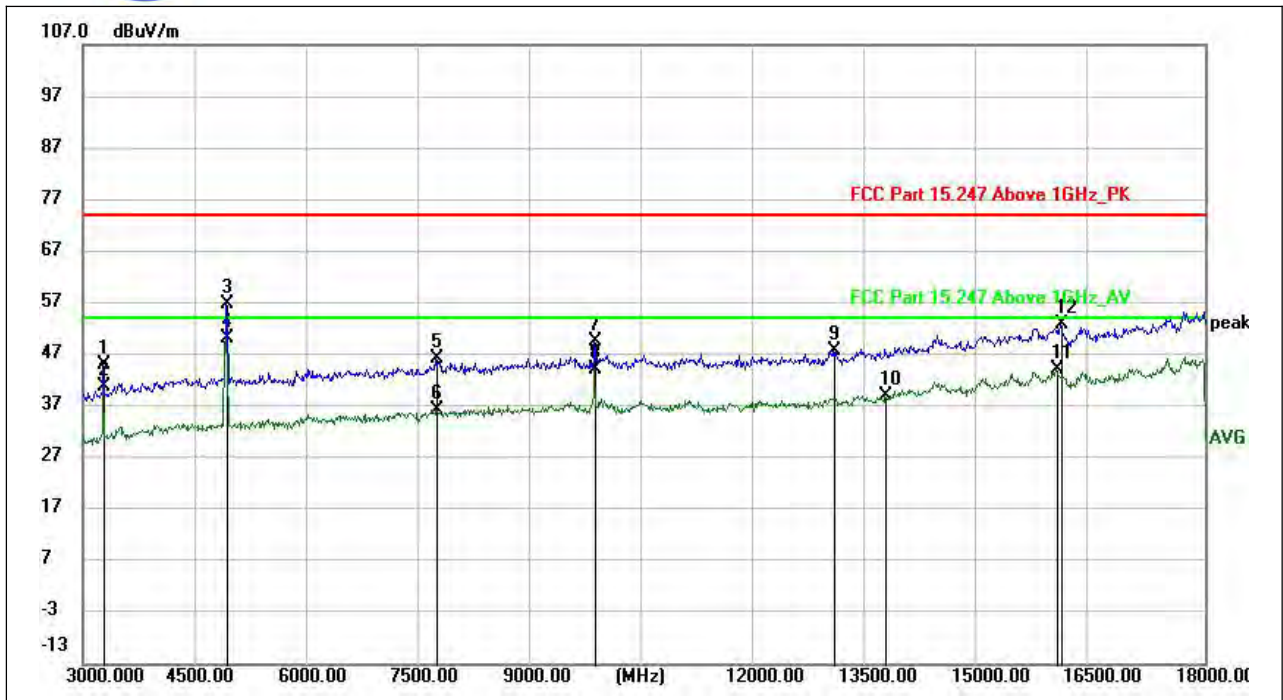
(802.11g _2462MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
30.6271	18.34	12.78	31.12	40.00	-8.88	peak	V
36.6310	19.63	13.39	33.02	40.00	-6.98	peak	V
71.1551	22.48	11.22	33.70	40.00	-6.30	peak	V
159.9806	8.45	12.19	20.64	43.50	-22.86	peak	V
480.0224	3.38	21.54	24.92	46.00	-21.08	peak	V
800.1012	5.58	26.13	31.71	46.00	-14.29	peak	V



(802.11g _2462MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1059.198	3.57	28.73	32.30	54.00	-21.70	AVG	V
1075.615	11.20	28.97	40.17	74.00	-33.83	peak	V
1281.405	11.64	30.67	42.31	74.00	-31.69	peak	V
1290.304	3.37	30.65	34.02	54.00	-19.98	AVG	V
1589.810	2.69	33.76	36.45	54.00	-17.55	AVG	V
1599.006	11.28	34.19	45.47	74.00	-28.53	peak	V
2008.412	11.91	37.14	49.05	74.00	-24.95	peak	V
2010.951	3.44	37.00	40.44	54.00	-13.56	AVG	V
2457.536	52.24	41.32	93.56	NA	NA	peak	V
2461.048	44.86	41.46	86.32	NA	NA	AVG	V
2863.933	12.35	44.17	56.52	74.00	-17.48	peak	V
2939.481	2.46	44.49	46.95	54.00	-7.05	AVG	V

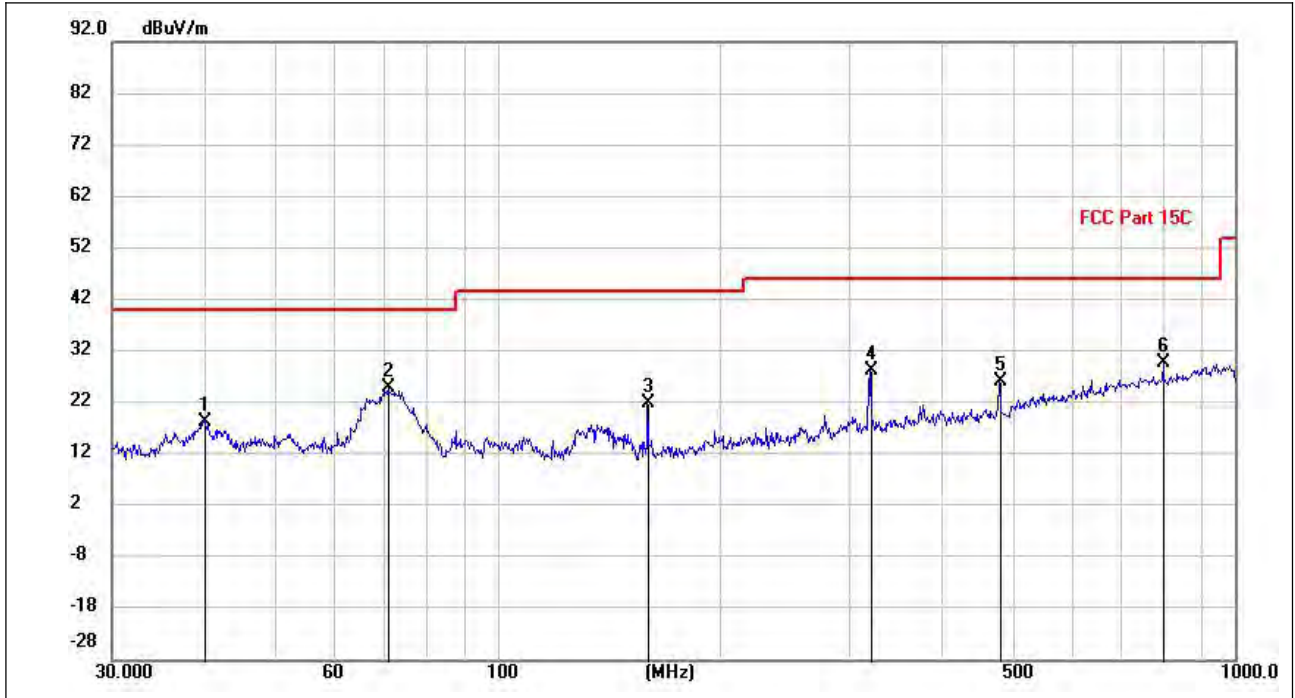


(802.11g _2462MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
3282.000	51.01	-5.93	45.08	74.00	-28.92	peak	V
3282.000	46.83	-5.93	40.90	54.00	-13.10	AVG	V
4920.750	59.45	-2.73	56.72	74.00	-17.28	peak	V
4926.750	52.85	-2.77	50.08	54.00	-3.92	AVG	V
7728.000	46.08	0.03	46.11	74.00	-27.89	peak	V
7737.000	36.21	0.09	36.30	54.00	-17.70	AVG	V
9847.500	47.67	1.96	49.63	74.00	-24.37	peak	V
9847.500	42.31	1.96	44.27	54.00	-9.73	AVG	V
13038.750	41.40	6.24	47.64	74.00	-26.36	peak	V
13736.250	31.98	7.05	39.03	54.00	-14.97	AVG	V
16009.500	32.35	11.70	44.05	54.00	-9.95	AVG	V
16072.500	41.55	11.30	52.85	74.00	-21.15	peak	V

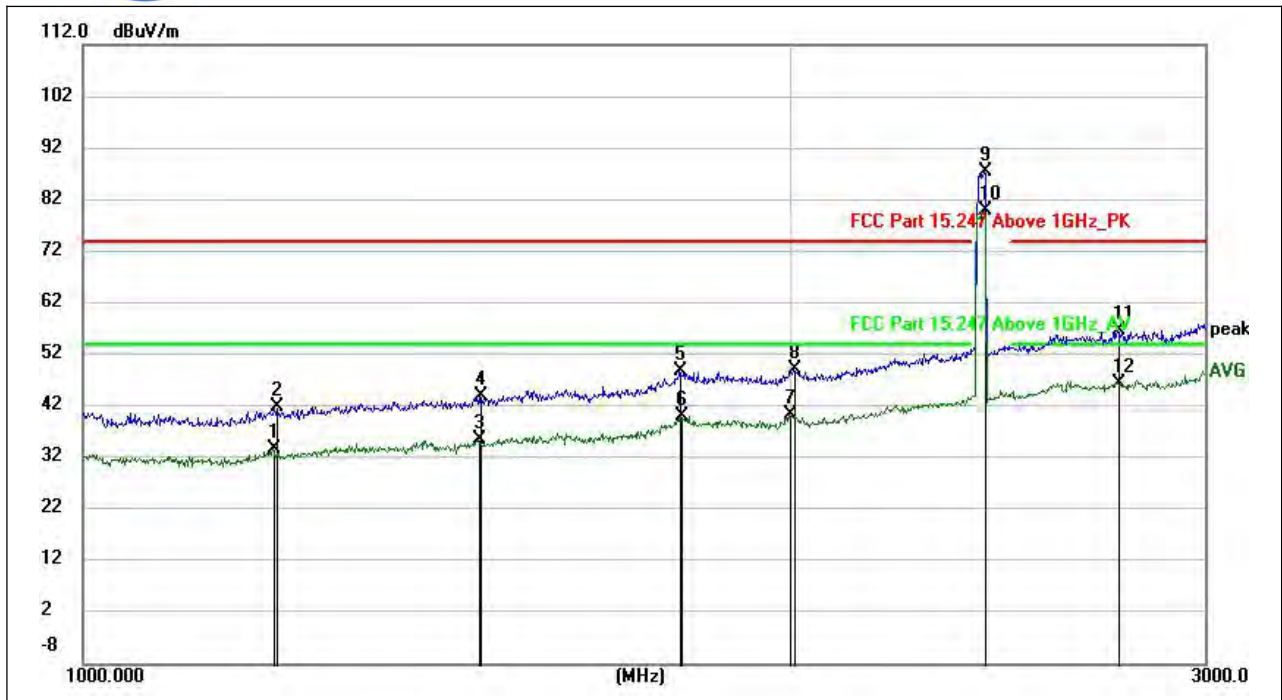


802.11n-20MHz Test mode



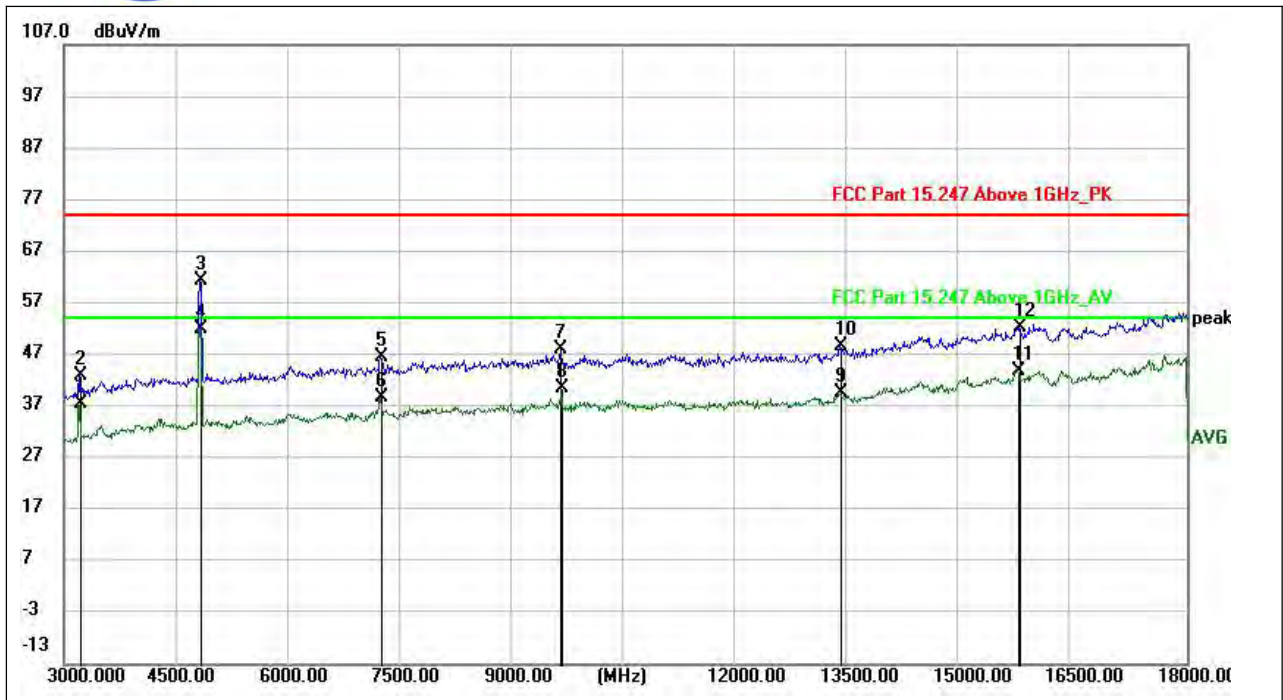
(802.11n_20M_2412MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
40.0504	2.54	15.65	18.19	40.00	-21.81	peak	V
71.2300	13.85	11.16	25.01	40.00	-14.99	peak	V
160.0087	9.59	12.20	21.79	43.50	-21.71	peak	V
320.0492	10.27	17.99	28.26	46.00	-17.74	peak	V
480.0224	4.59	21.54	26.13	46.00	-19.87	peak	V
800.1012	3.56	26.13	29.69	46.00	-16.31	peak	V



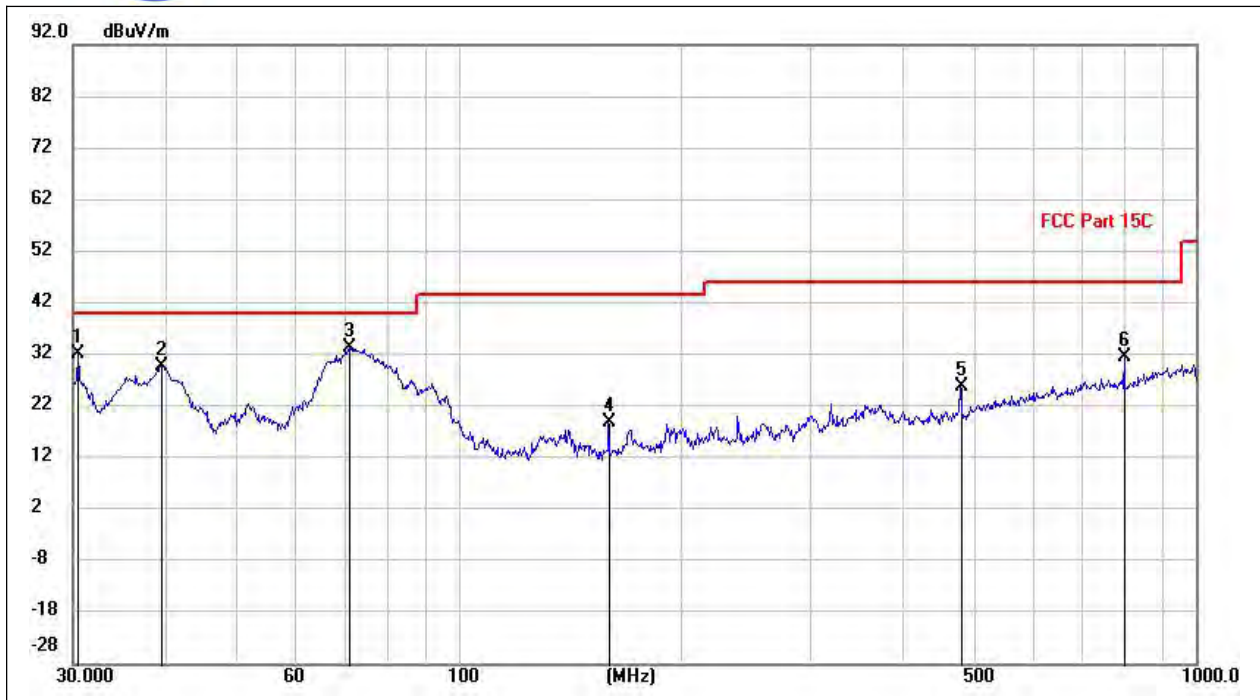
(802.11n_20M_2412MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1205.343	3.19	30.43	33.62	54.00	-20.38	AVG	H
1208.127	11.64	30.30	41.94	74.00	-32.06	peak	H
1473.345	3.09	32.43	35.52	54.00	-18.48	AVG	H
1475.451	11.50	32.40	43.90	74.00	-30.10	peak	H
1795.898	12.31	36.47	48.78	74.00	-25.22	peak	H
1797.675	3.48	36.61	40.09	54.00	-13.91	AVG	H
1998.178	3.43	36.97	40.40	54.00	-13.60	AVG	H
2006.537	12.01	37.24	49.25	74.00	-24.75	peak	H
2417.370	46.42	40.87	87.29	NA	NA	peak	H
2417.370	38.91	40.87	79.78	NA	NA	AVG	H
2757.718	12.88	43.73	56.61	74.00	-17.39	peak	H
2757.718	2.79	43.73	46.52	54.00	-7.48	AVG	H



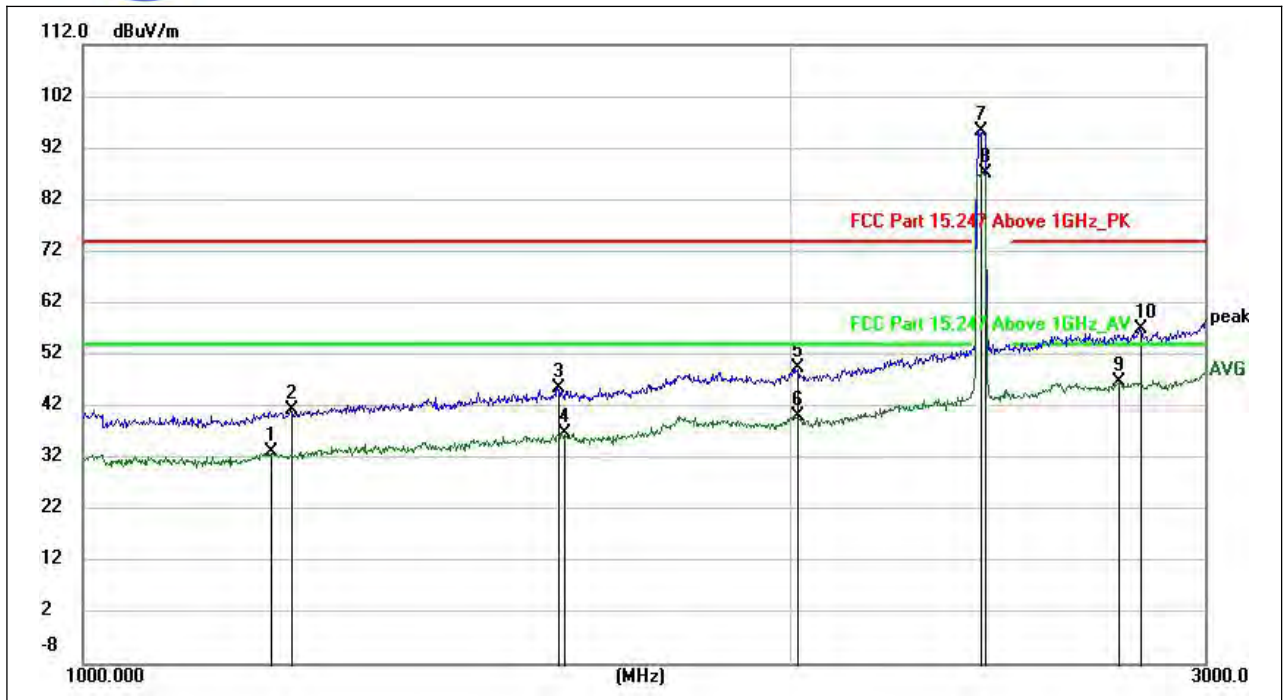
(802.11n_20M_2412MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
3215.250	43.75	-6.35	37.40	54.00	-16.60	AVG	H
3216.000	49.29	-6.35	42.94	74.00	-31.06	peak	H
4822.500	64.65	-3.23	61.42	74.00	-12.58	peak	H
4822.500	55.26	-3.23	52.03	54.00	-1.97	AVG	H
7242.750	46.75	-0.34	46.41	74.00	-27.59	peak	H
7242.750	38.93	-0.34	38.59	54.00	-15.41	AVG	H
9640.500	46.24	1.73	47.97	74.00	-26.03	peak	H
9648.000	38.85	1.71	40.56	54.00	-13.44	AVG	H
13365.750	33.00	6.50	39.50	54.00	-14.50	AVG	H
13380.000	42.11	6.44	48.55	74.00	-25.45	peak	H
15745.500	32.79	11.03	43.82	54.00	-10.18	AVG	H
15752.250	41.33	10.89	52.22	74.00	-21.78	peak	H



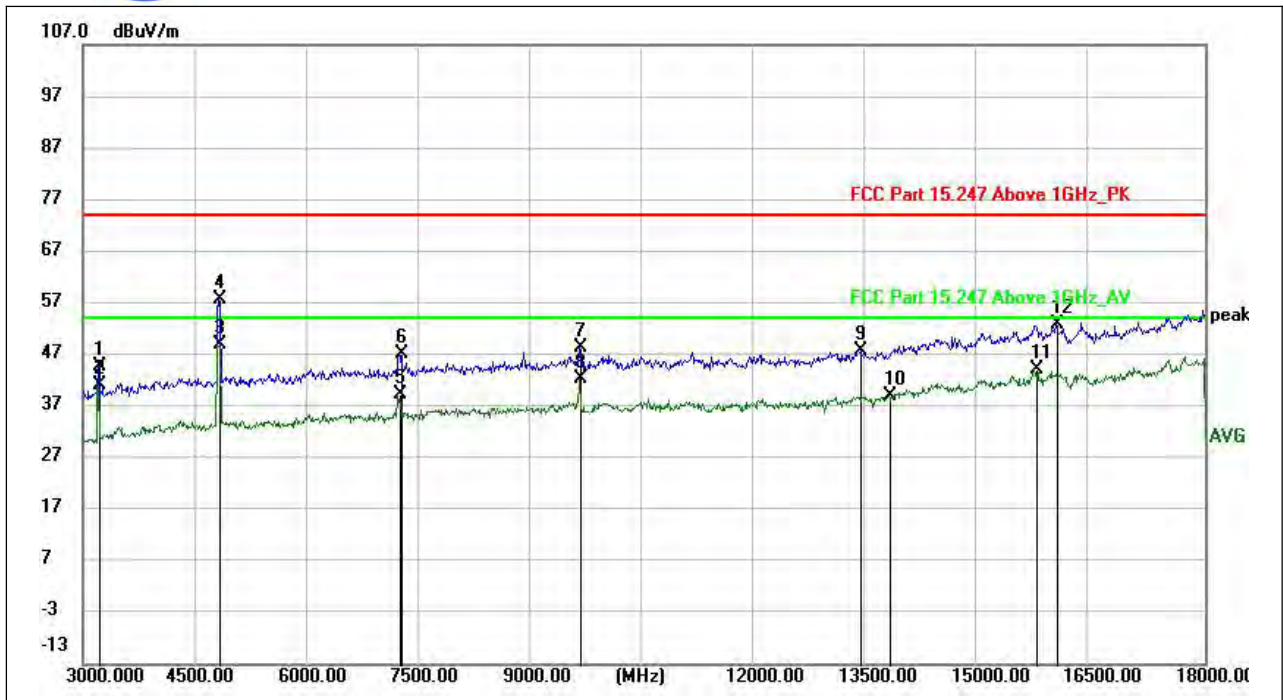
(802.11n_20M_2412MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
30.5253	19.11	12.96	32.07	40.00	-7.93	peak	V
39.4995	14.88	14.94	29.82	40.00	-10.18	peak	V
71.2300	22.05	11.16	33.21	40.00	-6.79	peak	V
160.0087	6.60	12.20	18.80	43.50	-24.70	peak	V
480.0224	4.17	21.54	25.71	46.00	-20.29	peak	V
800.1012	5.45	26.13	31.58	46.00	-14.42	peak	V



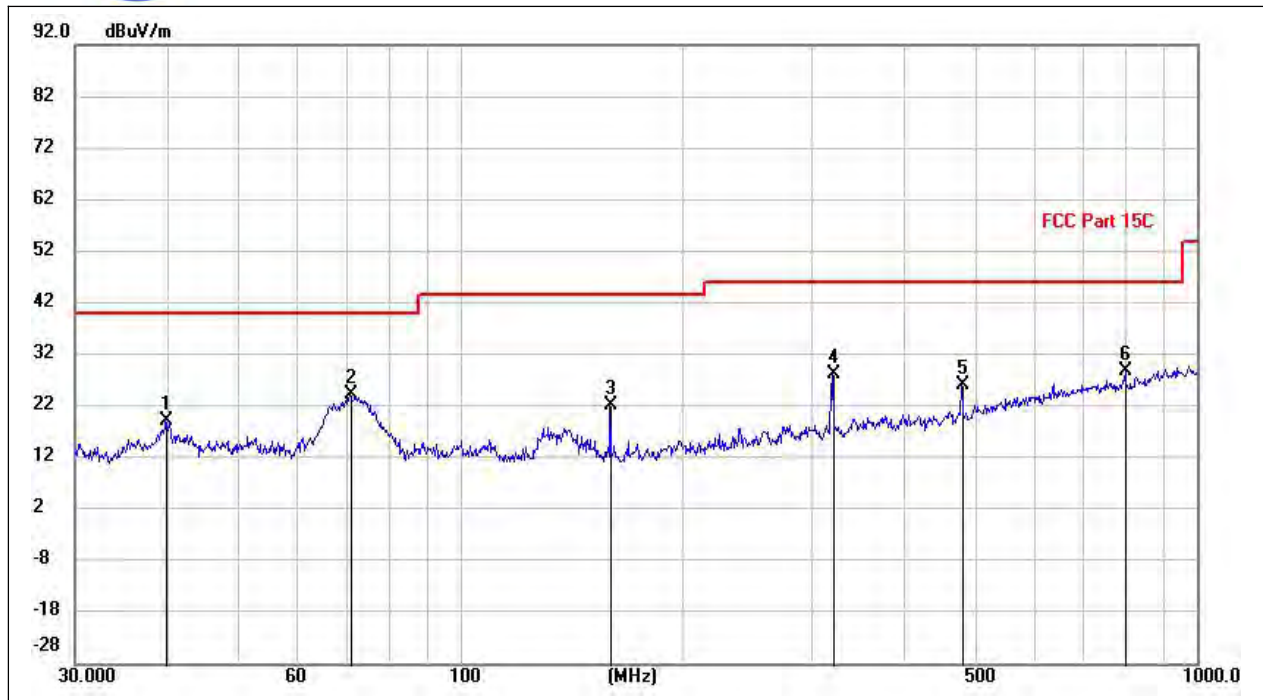
(802.11n_20M_2412MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1202.367	2.55	30.58	33.13	54.00	-20.87	AVG	V
1226.583	11.32	29.87	41.19	74.00	-32.81	peak	V
1593.132	11.74	33.92	45.66	74.00	-28.34	peak	V
1600.764	2.55	34.21	36.76	54.00	-17.24	AVG	V
2011.282	12.40	36.99	49.39	74.00	-24.61	peak	V
2011.282	3.19	36.99	40.18	54.00	-13.82	AVG	V
2406.506	53.79	41.39	95.18	NA	NA	peak	V
2417.768	46.40	40.85	87.25	NA	NA	AVG	V
2759.688	3.07	43.66	46.73	54.00	-7.27	AVG	V
2815.887	13.54	43.37	56.91	74.00	-17.09	peak	V
1202.367	2.55	30.58	33.13	54.00	-20.87	AVG	V
1226.583	11.32	29.87	41.19	74.00	-32.81	peak	V



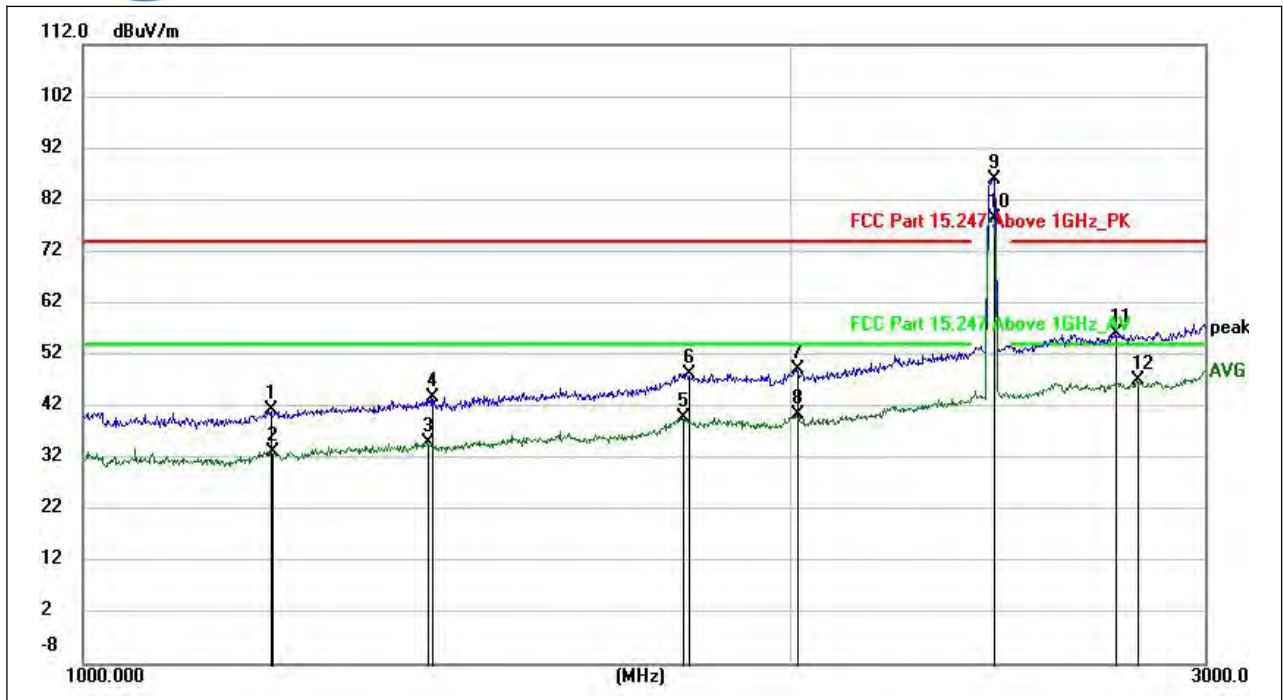
(802.11n_20M_2412MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
3216.000	51.22	-6.35	44.87	74.00	-29.13	peak	V
3216.000	47.55	-6.35	41.20	54.00	-12.80	AVG	V
4824.750	52.17	-3.21	48.96	54.00	-5.04	AVG	V
4828.500	60.86	-3.19	57.67	74.00	-16.33	peak	V
7233.750	39.63	-0.36	39.27	54.00	-14.73	AVG	V
7246.500	47.60	-0.33	47.27	74.00	-26.73	peak	V
9648.000	46.64	1.71	48.35	74.00	-25.65	peak	V
9648.000	40.56	1.71	42.27	54.00	-11.73	AVG	V
13409.250	41.30	6.37	47.67	74.00	-26.33	peak	V
13793.250	32.00	7.02	39.02	54.00	-14.98	AVG	V
15736.500	32.76	11.23	43.99	54.00	-10.01	AVG	V
16016.250	41.17	11.73	52.90	74.00	-21.10	peak	V



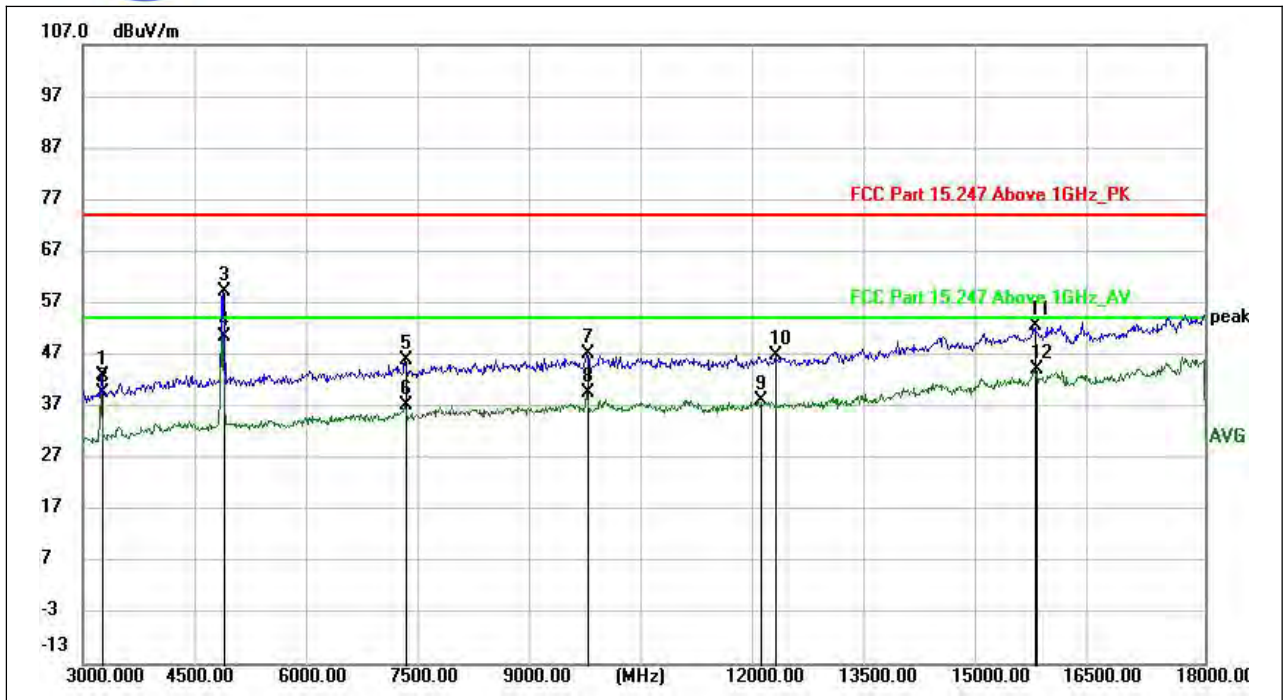
(802.11n_20M_2437MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
39.9102	3.50	15.56	19.06	40.00	-20.94	peak	H
71.0305	12.96	11.31	24.27	40.00	-15.73	peak	H
159.9806	10.04	12.19	22.23	43.50	-21.27	peak	H
320.0492	10.13	17.99	28.12	46.00	-17.88	peak	H
480.0224	4.57	21.54	26.11	46.00	-19.89	peak	H
800.1012	2.62	26.13	28.75	46.00	-17.25	peak	H



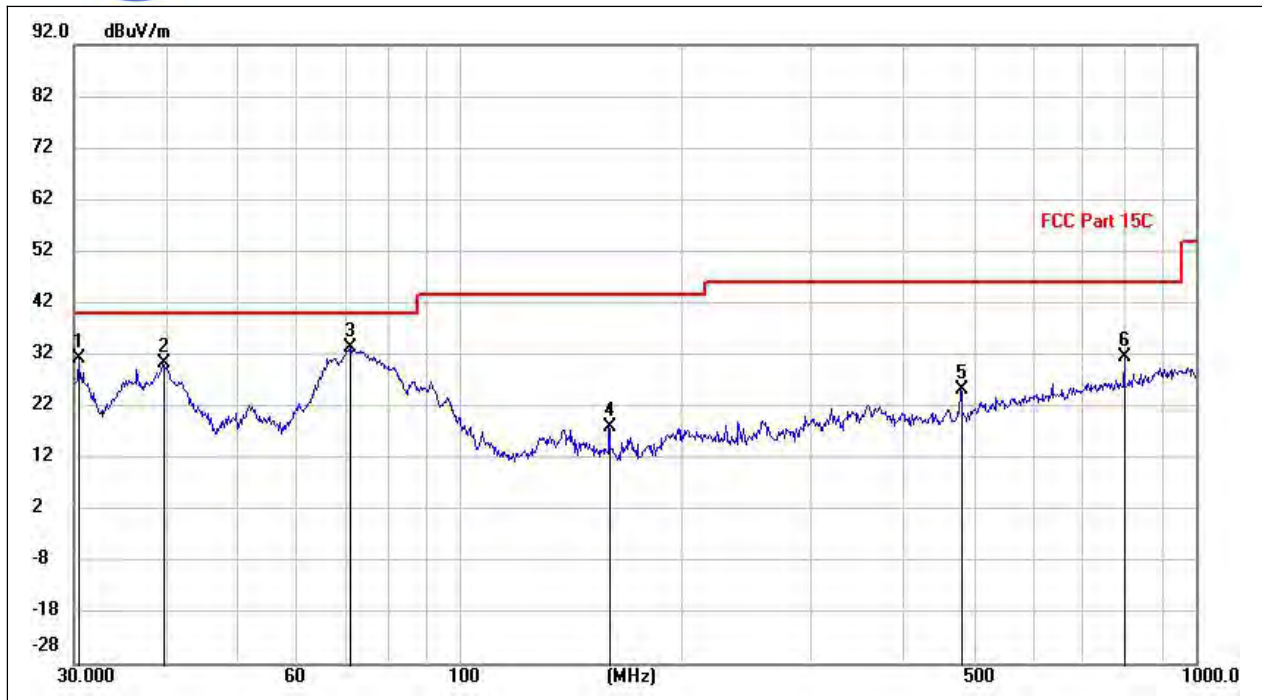
(802.11n_20M_2437MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1201.839	10.79	30.61	41.40	74.00	-32.60	peak	H
1203.490	2.68	30.53	33.21	54.00	-20.79	AVG	H
1402.124	3.19	31.92	35.11	54.00	-18.89	AVG	H
1408.763	11.97	31.68	43.65	74.00	-30.35	peak	H
1799.355	3.03	36.73	39.76	54.00	-14.24	AVG	H
1808.073	12.12	36.23	48.35	74.00	-25.65	peak	H
2013.272	12.24	36.88	49.12	74.00	-24.88	peak	H
2013.272	3.42	36.88	40.30	54.00	-13.70	AVG	H
2438.575	45.16	40.80	85.96	NA	NA	peak	H
2438.575	37.46	40.80	78.26	NA	NA	AVG	H
2750.155	12.40	43.63	56.03	74.00	-17.97	peak	H
2809.089	3.07	43.94	47.01	54.00	-6.99	AVG	H



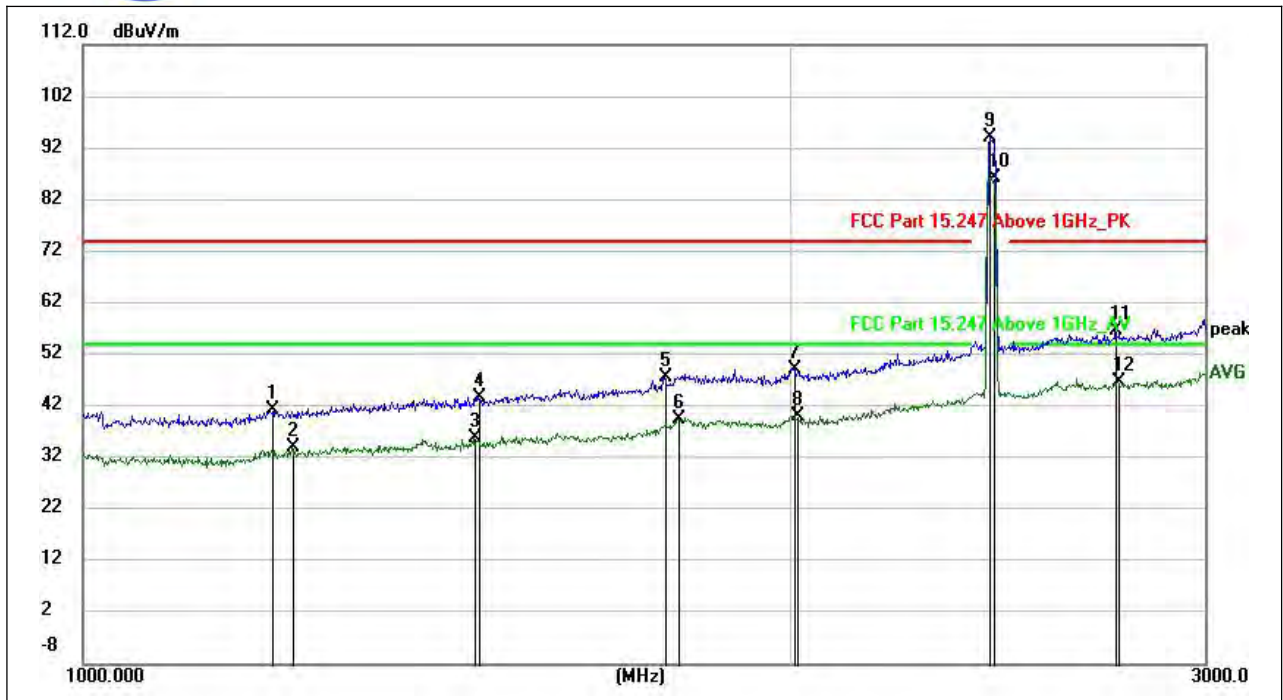
(802.11n_20M_2437MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
3249.000	49.07	-6.10	42.97	74.00	-31.03	peak	H
3249.000	45.77	-6.10	39.67	54.00	-14.33	AVG	H
4878.000	62.09	-2.83	59.26	74.00	-14.74	peak	H
4878.000	53.21	-2.83	50.38	54.00	-3.62	AVG	H
7311.750	46.12	-0.25	45.87	74.00	-28.13	peak	H
7311.750	37.31	-0.25	37.06	54.00	-16.94	AVG	H
9747.750	45.10	2.00	47.10	74.00	-26.90	peak	H
9747.750	37.57	2.00	39.57	54.00	-14.43	AVG	H
12045.750	33.88	4.33	38.21	54.00	-15.79	AVG	H
12267.750	42.82	4.04	46.86	74.00	-27.14	peak	H
15727.500	41.35	11.26	52.61	74.00	-21.39	peak	H
15740.250	32.84	11.15	43.99	54.00	-10.01	AVG	H



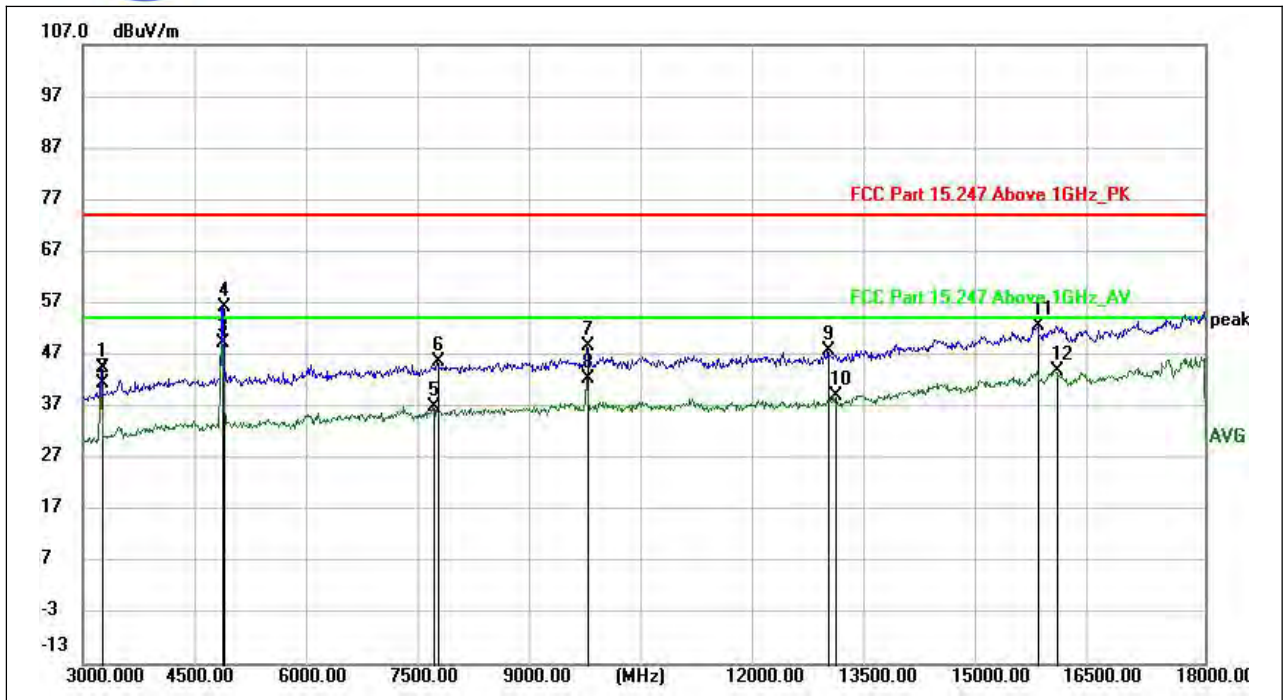
(802.11n_20M_2437MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
30.4878	18.15	13.03	31.18	40.00	-8.82	peak	V
39.5965	15.40	15.09	30.49	40.00	-9.51	peak	V
71.3300	22.33	11.08	33.41	40.00	-6.59	peak	V
160.0087	5.88	12.20	18.08	43.50	-25.42	peak	V
480.0224	3.76	21.54	25.30	46.00	-20.70	peak	V
800.1012	5.51	26.13	31.64	46.00	-14.36	peak	V



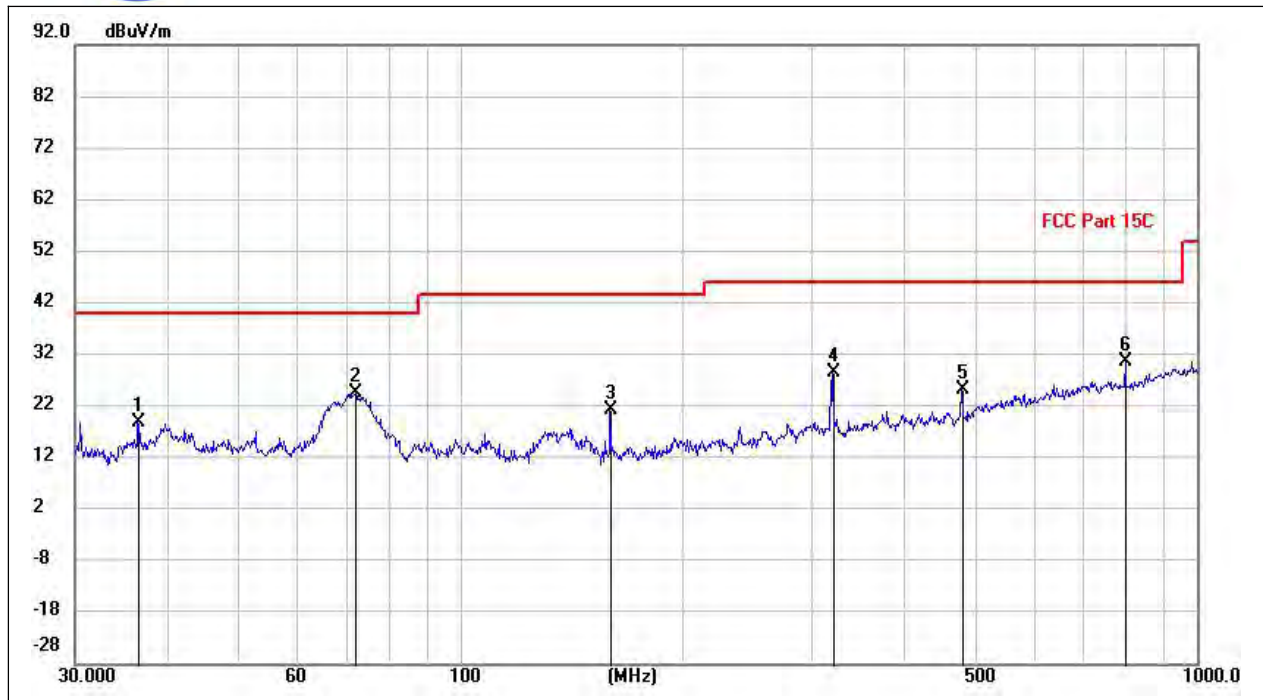
(802.11n_20M_2437MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1203.292	10.71	30.54	41.25	74.00	-32.75	peak	V
1227.931	4.19	29.88	34.07	54.00	-19.93	AVG	V
1468.013	3.39	32.33	35.72	54.00	-18.28	AVG	V
1473.264	11.42	32.43	43.85	74.00	-30.15	peak	V
1769.265	12.58	35.03	47.61	74.00	-26.39	peak	V
1791.957	3.48	36.06	39.54	54.00	-14.46	AVG	V
2006.868	12.00	37.23	49.23	74.00	-24.77	peak	V
2012.166	3.16	36.94	40.10	54.00	-13.90	AVG	V
2431.887	53.12	40.79	93.91	NA	NA	peak	V
2438.307	45.45	40.80	86.25	NA	NA	AVG	V
2750.004	12.97	43.63	56.60	74.00	-17.40	peak	V
2755.598	2.89	43.81	46.70	54.00	-7.30	AVG	V



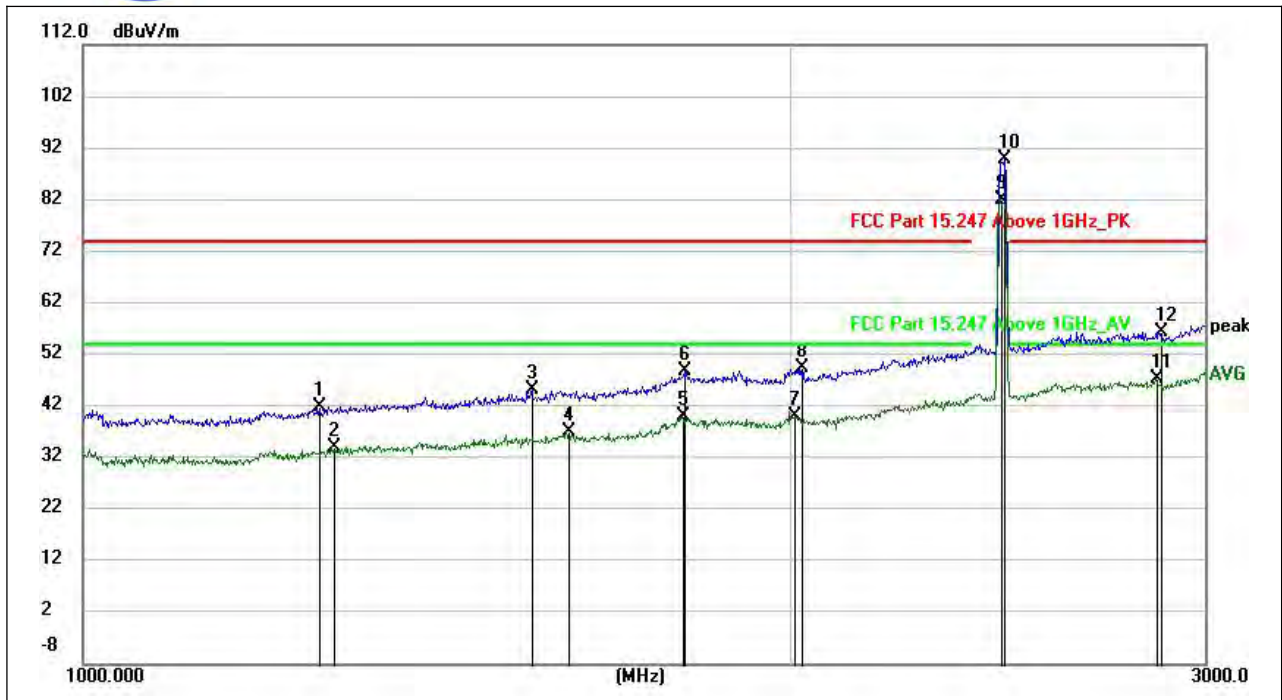
(802.11n_20M_2437MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
3249.000	50.49	-6.10	44.39	74.00	-29.61	peak	V
3249.000	47.55	-6.10	41.45	54.00	-12.55	AVG	V
4873.500	52.22	-2.86	49.36	54.00	-4.64	AVG	V
4879.500	59.11	-2.82	56.29	74.00	-17.71	peak	V
7693.500	36.50	0.37	36.87	54.00	-17.13	AVG	V
7748.250	45.44	0.15	45.59	74.00	-28.41	peak	V
9747.750	46.64	2.00	48.64	74.00	-25.36	peak	V
9747.750	40.43	2.00	42.43	54.00	-11.57	AVG	V
12971.250	42.17	5.45	47.62	74.00	-26.38	peak	V
13051.500	32.66	6.42	39.08	54.00	-14.92	AVG	V
15768.750	41.95	10.53	52.48	74.00	-21.52	peak	V
16010.250	32.27	11.71	43.98	54.00	-10.02	AVG	V



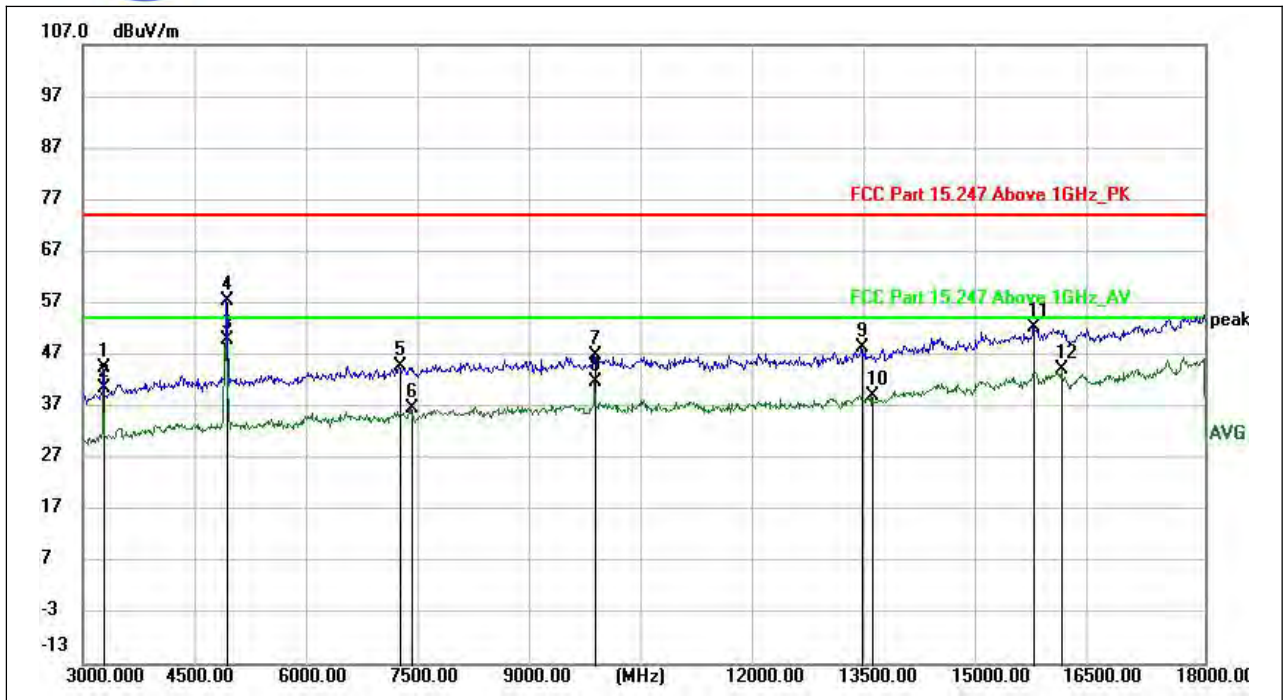
(802.11n_20M_2462MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
36.6310	5.43	13.39	18.82	40.00	-21.18	peak	H
72.0843	14.03	10.55	24.58	40.00	-15.42	peak	H
159.9806	9.22	12.19	21.41	43.50	-22.09	peak	H
319.9931	10.49	18.00	28.49	46.00	-17.51	peak	H
480.0224	3.81	21.54	25.35	46.00	-20.65	peak	H
800.1012	4.64	26.13	30.77	46.00	-15.23	peak	H



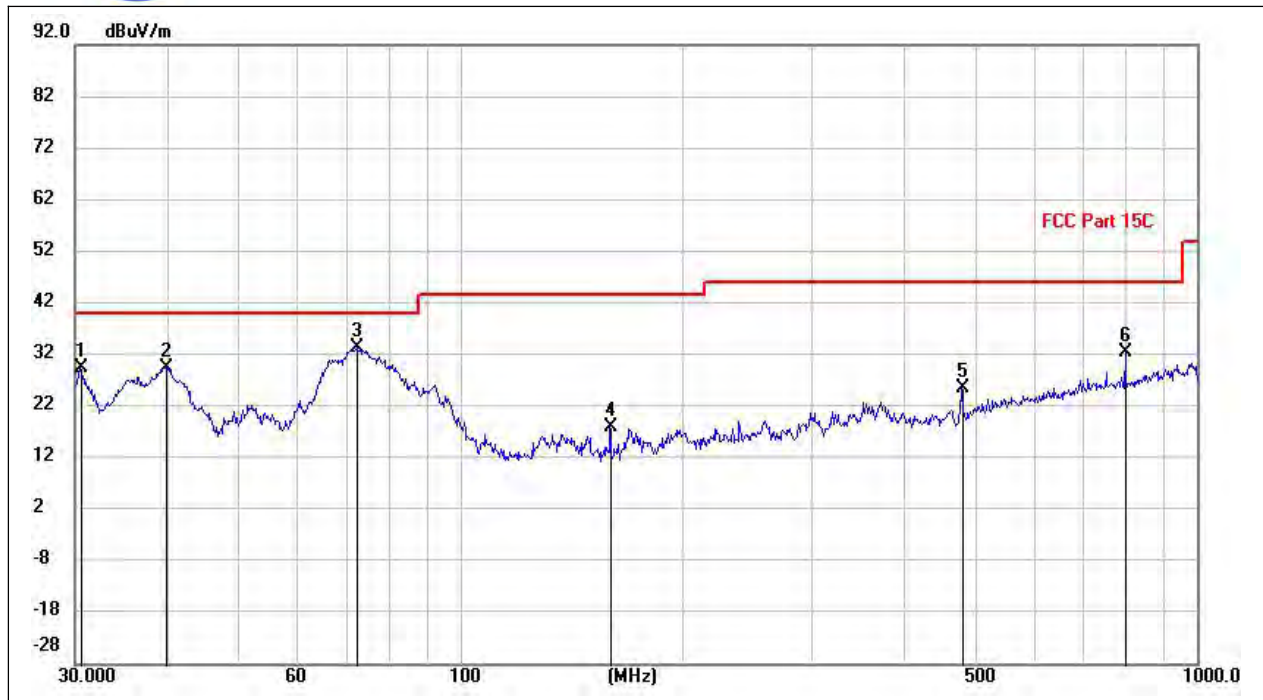
(802.11n_20M_2462MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1259.769	11.58	30.36	41.94	74.00	-32.06	peak	H
1278.592	3.57	30.64	34.21	54.00	-19.79	AVG	H
1553.466	11.94	33.27	45.21	74.00	-28.79	peak	H
1607.813	3.02	33.97	36.99	54.00	-17.01	AVG	H
1799.552	3.41	36.75	40.16	54.00	-13.84	AVG	H
1803.511	12.17	36.54	48.71	74.00	-25.29	peak	H
2007.198	2.92	37.21	40.13	54.00	-13.87	AVG	H
2020.029	12.97	36.51	49.48	74.00	-24.52	peak	H
2456.861	40.78	41.30	82.08	NA	NA	AVG	H
2466.597	48.05	41.66	89.71	NA	NA	peak	H
2862.360	3.20	44.11	47.31	54.00	-6.69	AVG	H
2871.494	12.16	44.21	56.37	74.00	-17.63	peak	H



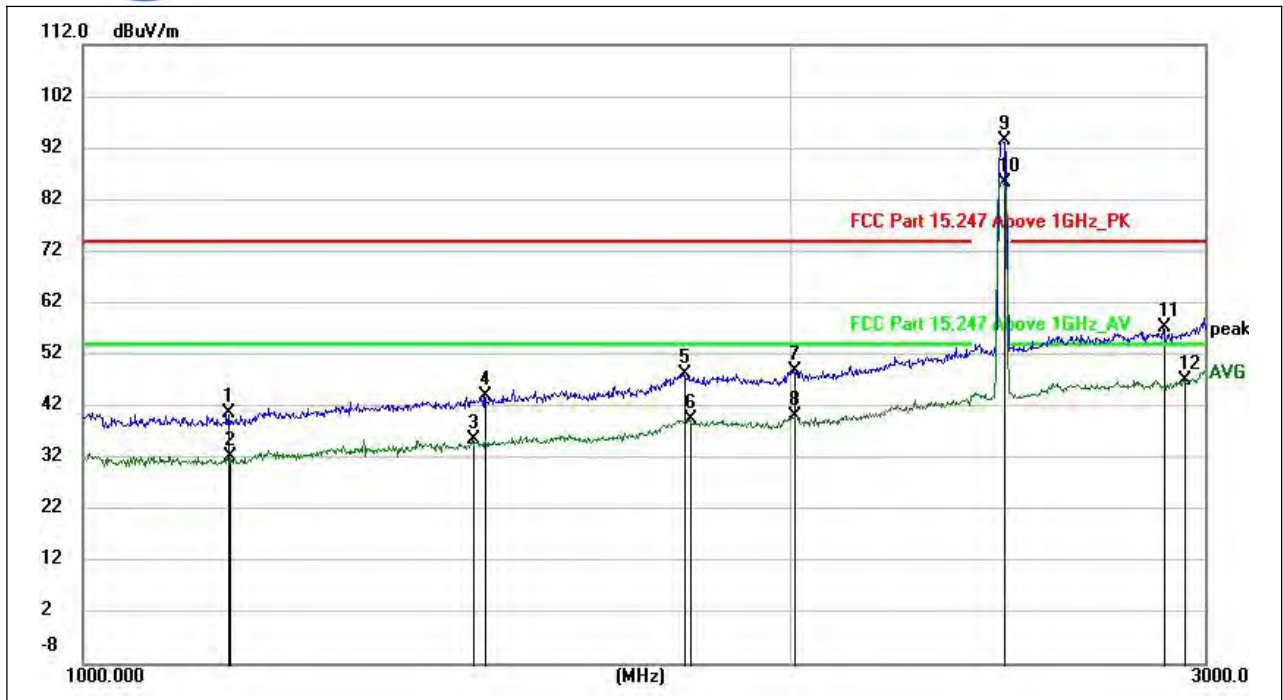
(802.11n_20M_2462MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
3282.000	50.35	-5.93	44.42	74.00	-29.58	peak	H
3282.000	46.46	-5.93	40.53	54.00	-13.47	AVG	H
4922.250	52.51	-2.74	49.77	54.00	-4.23	AVG	H
4927.500	60.04	-2.78	57.26	74.00	-16.74	peak	H
7242.750	44.93	-0.34	44.59	74.00	-29.41	peak	H
7382.250	36.94	-0.34	36.60	54.00	-17.40	AVG	H
9848.250	45.15	1.80	46.95	74.00	-27.05	peak	H
9848.250	39.80	1.80	41.60	54.00	-12.40	AVG	H
13419.000	41.90	6.35	48.25	74.00	-25.75	peak	H
13548.750	32.57	6.38	38.95	54.00	-15.05	AVG	H
15716.250	41.29	11.06	52.35	74.00	-21.65	peak	H
16083.750	32.89	11.24	44.13	54.00	-9.87	AVG	H



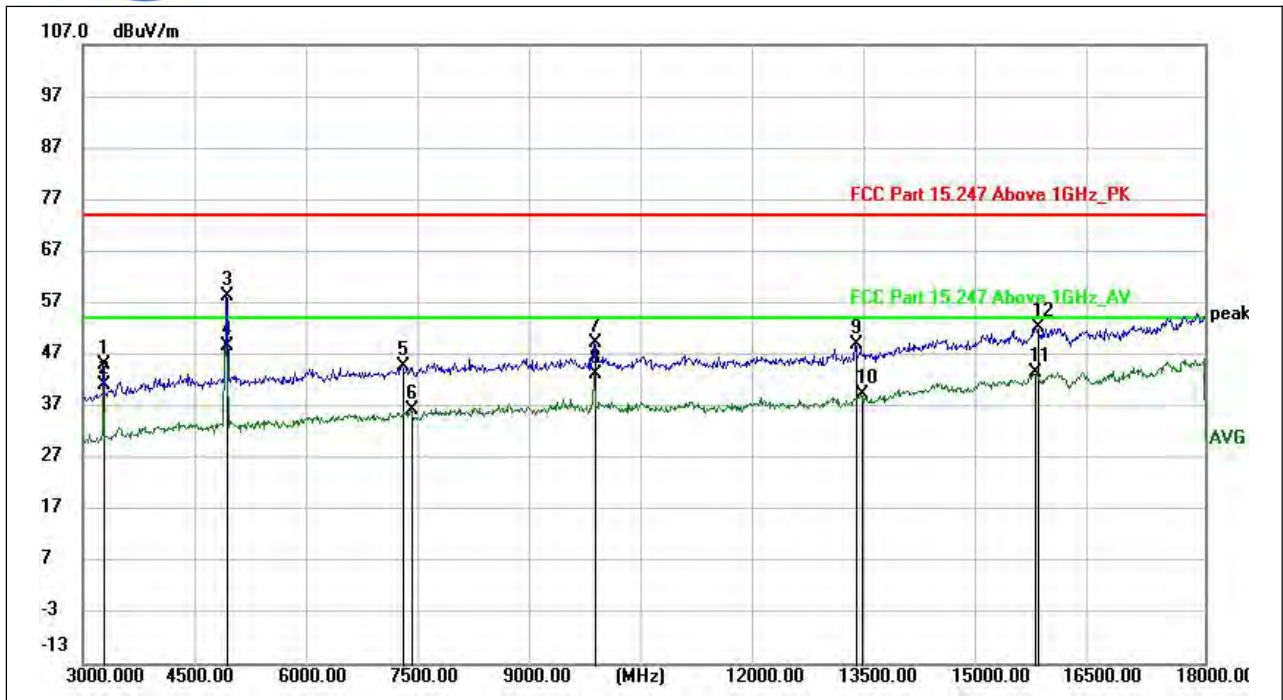
(802.11n_20M_2462MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
30.6325	16.57	12.77	29.34	40.00	-10.66	peak	V
39.9242	13.97	15.59	29.56	40.00	-10.44	peak	V
72.5280	22.83	10.44	33.27	40.00	-6.73	peak	V
160.0087	5.76	12.20	17.96	43.50	-25.54	peak	V
480.0224	3.91	21.54	25.45	46.00	-20.55	peak	V
800.1012	6.31	26.13	32.44	46.00	-13.56	peak	V



(802.11n_20M_2462MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1152.508	11.69	28.98	40.67	74.00	-33.33	peak	V
1153.839	3.34	28.99	32.33	54.00	-21.67	AVG	V
1466.160	3.40	32.29	35.69	54.00	-18.31	AVG	V
1482.519	11.67	32.34	44.01	74.00	-29.99	peak	V
1801.728	11.52	36.66	48.18	74.00	-25.82	peak	V
1813.445	3.64	35.87	39.51	54.00	-14.49	AVG	V
2007.529	11.67	37.19	48.86	74.00	-25.14	peak	V
2008.412	2.94	37.14	40.08	54.00	-13.92	AVG	V
2463.212	51.97	41.53	93.50	NA	NA	peak	V
2463.212	43.83	41.53	85.36	NA	NA	AVG	V
2882.399	13.40	43.98	57.38	74.00	-16.62	peak	V
2942.874	2.60	44.52	47.12	54.00	-6.88	AVG	V

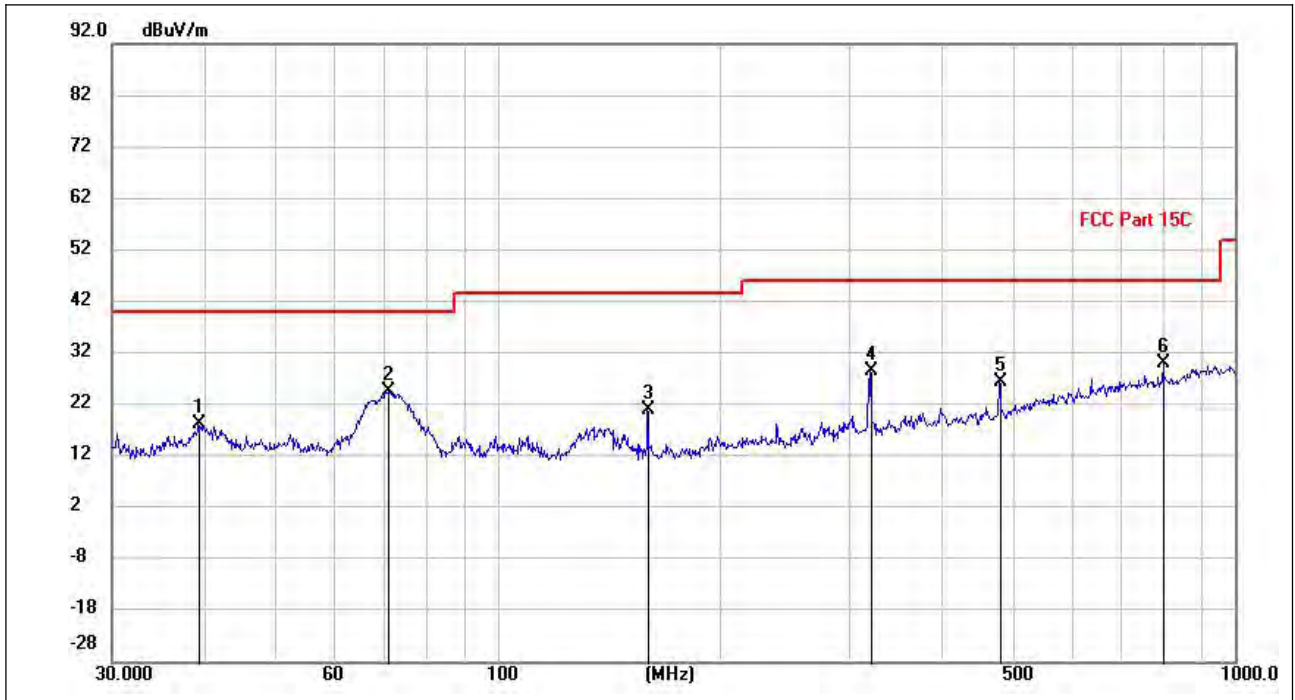


(802.11n_20M_2462MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
3282.000	50.97	-5.93	45.04	74.00	-28.96	peak	V
3282.000	47.10	-5.93	41.17	54.00	-12.83	AVG	V
4928.250	61.00	-2.78	58.22	74.00	-15.78	peak	V
4928.250	51.33	-2.78	48.55	54.00	-5.45	AVG	V
7284.750	45.12	-0.29	44.83	74.00	-29.17	peak	V
7392.750	36.80	-0.42	36.38	54.00	-17.62	AVG	V
9848.250	47.20	1.97	49.17	74.00	-24.83	peak	V
9848.250	41.30	1.97	43.27	54.00	-10.73	AVG	V
13335.750	42.82	6.24	49.06	74.00	-24.94	peak	V
13414.500	32.90	6.36	39.26	54.00	-14.74	AVG	V
15732.750	32.33	11.31	43.64	54.00	-10.36	AVG	V
15753.750	41.54	10.85	52.39	74.00	-21.61	peak	V

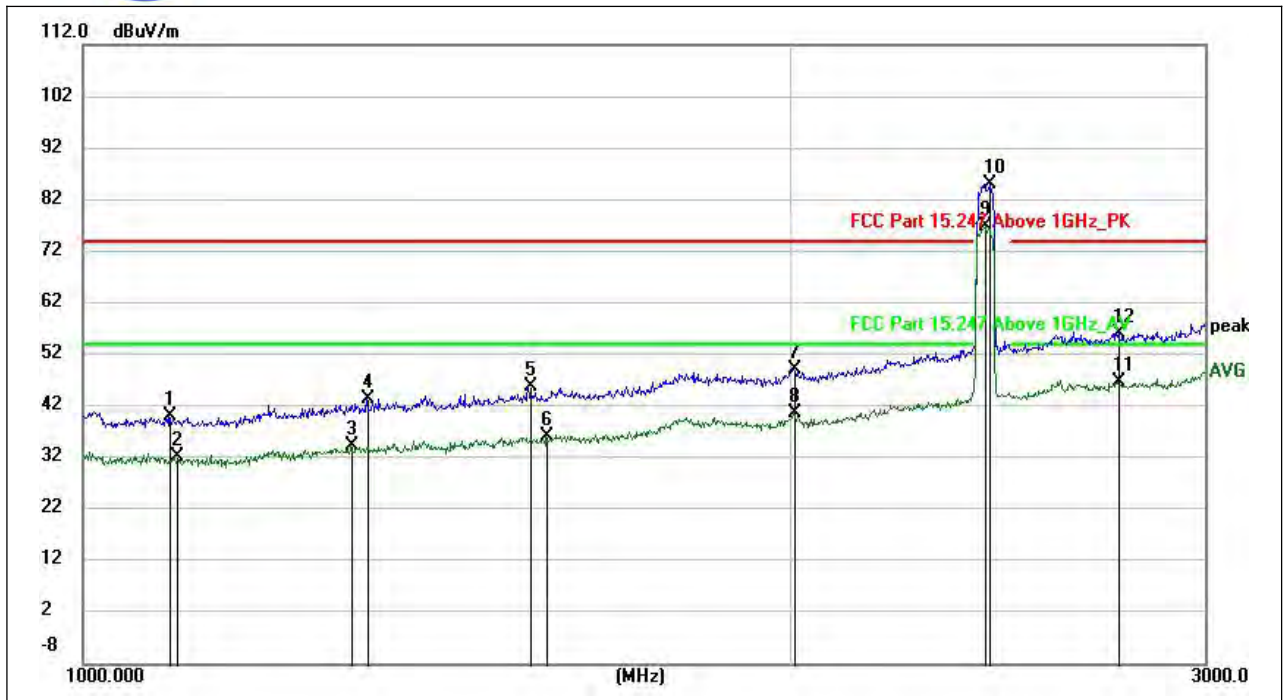


802.11n-40MHz Test mode



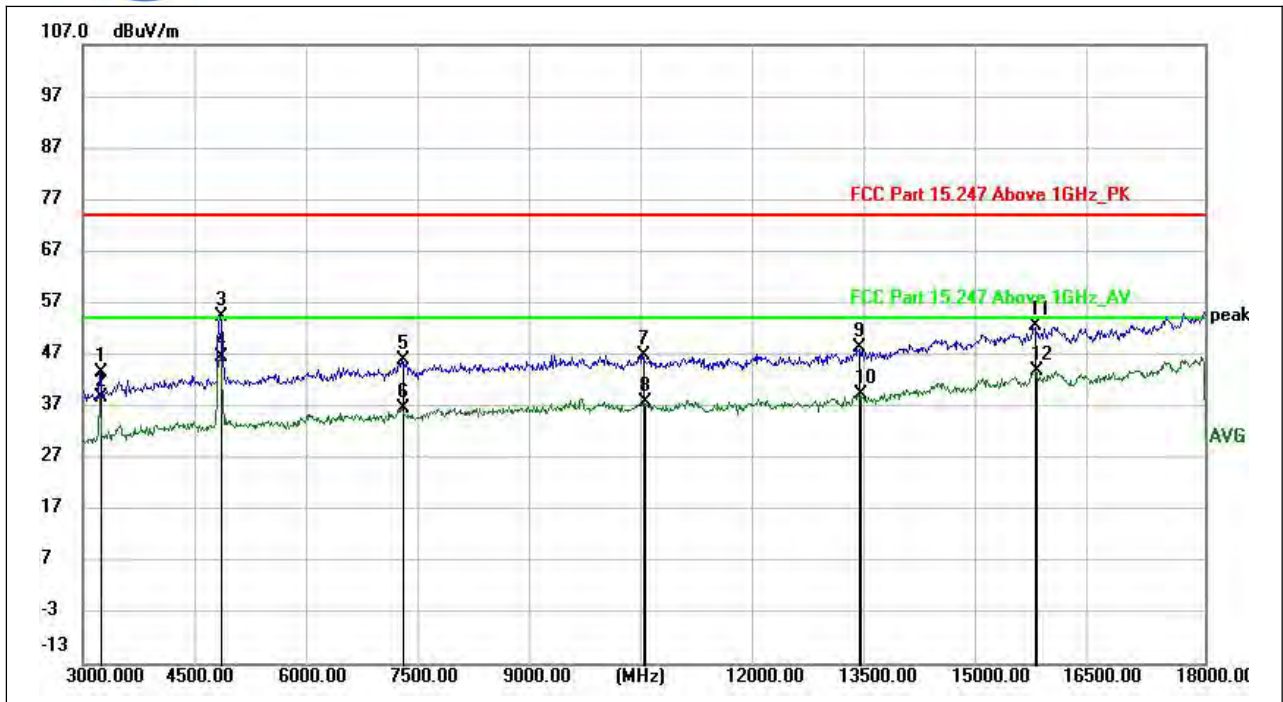
(802.11n_40M_2422MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
39.3198	3.54	14.67	18.21	40.00	-21.79	peak	H
71.1177	13.31	11.25	24.56	40.00	-15.44	peak	H
159.9806	8.92	12.19	21.11	43.50	-22.39	peak	H
319.9931	10.51	18.00	28.51	46.00	-17.49	peak	H
480.0224	4.98	21.54	26.52	46.00	-19.48	peak	H
800.1012	3.94	26.13	30.07	46.00	-15.93	peak	H



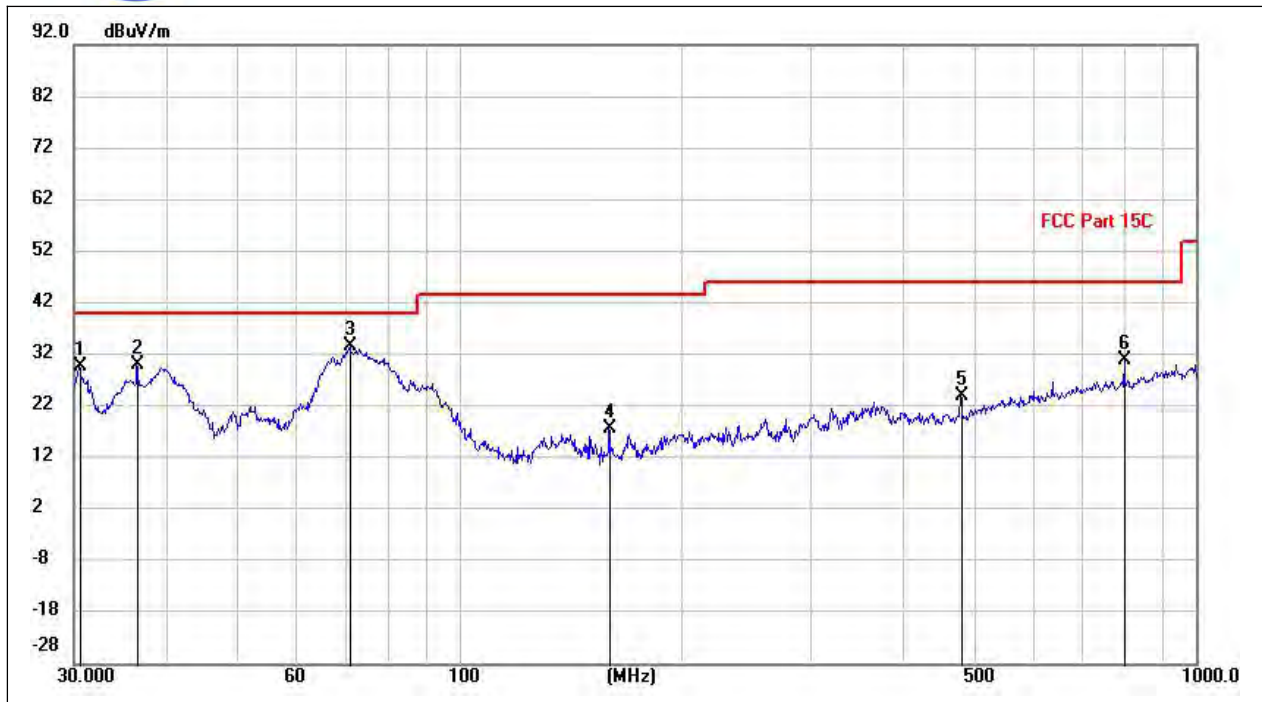
(802.11n_40M_2422MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1088.573	11.09	28.99	40.08	74.00	-33.92	peak	H
1096.013	3.15	29.07	32.22	54.00	-21.78	AVG	H
1301.552	3.60	30.73	34.33	54.00	-19.67	AVG	H
1320.854	12.61	30.78	43.39	74.00	-30.61	peak	H
1548.440	12.43	33.30	45.73	74.00	-28.27	peak	H
1575.206	2.91	33.28	36.19	54.00	-17.81	AVG	H
2007.309	11.82	37.20	49.02	74.00	-24.98	peak	H
2007.309	3.35	37.20	40.55	54.00	-13.45	AVG	H
2420.160	36.15	40.75	76.90	NA	NA	AVG	H
2432.154	44.22	40.78	85.00	NA	NA	peak	H
2756.658	2.87	43.77	46.64	54.00	-7.36	AVG	H
2758.173	12.46	43.71	56.17	74.00	-17.83	peak	H



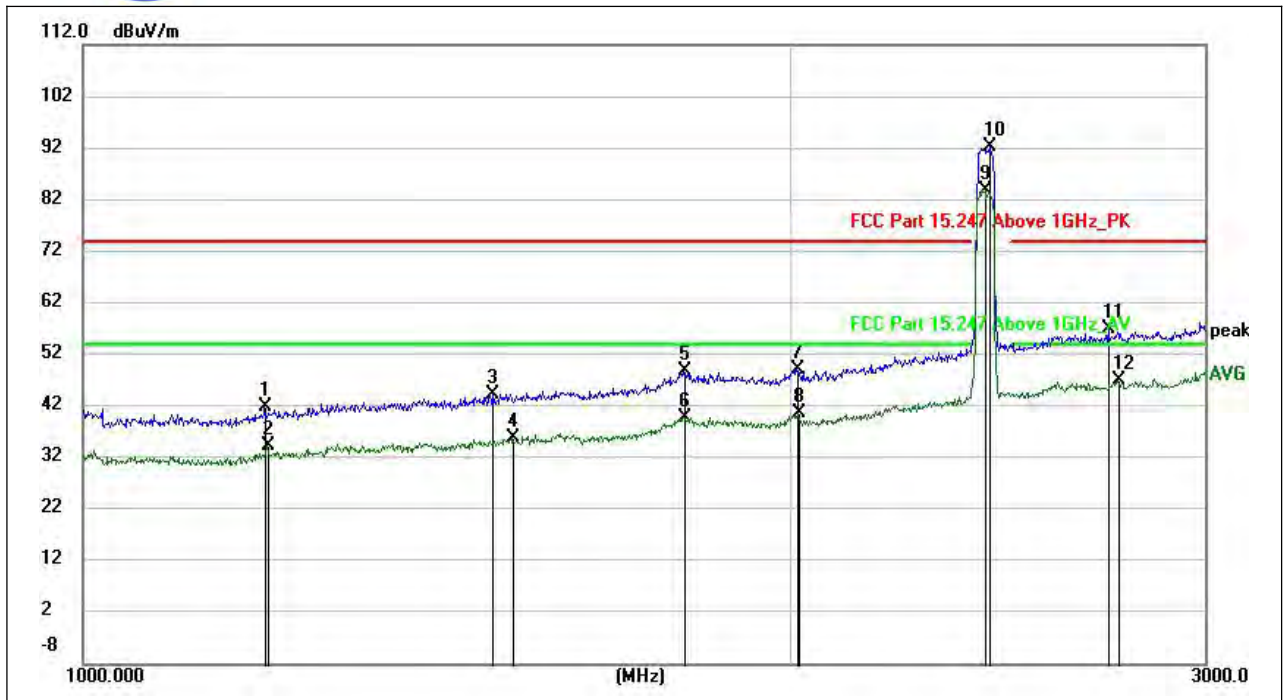
(802.11n_40M_2422MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
3228.750	50.02	-6.39	43.63	74.00	-30.37	peak	H
3228.750	45.15	-6.39	38.76	54.00	-15.24	AVG	H
4843.500	57.41	-3.07	54.34	74.00	-19.66	peak	H
4843.500	49.67	-3.07	46.60	54.00	-7.40	AVG	H
7272.750	46.23	-0.30	45.93	74.00	-28.07	peak	H
7272.750	37.01	-0.30	36.71	54.00	-17.29	AVG	H
10492.500	44.22	2.67	46.89	74.00	-27.11	peak	H
10508.250	35.09	2.58	37.67	54.00	-16.33	AVG	H
13375.500	41.86	6.46	48.32	74.00	-25.68	peak	H
13392.750	33.02	6.40	39.42	54.00	-14.58	AVG	H
15721.500	41.31	11.15	52.46	74.00	-21.54	peak	H
15749.250	32.87	10.95	43.82	54.00	-10.18	AVG	H



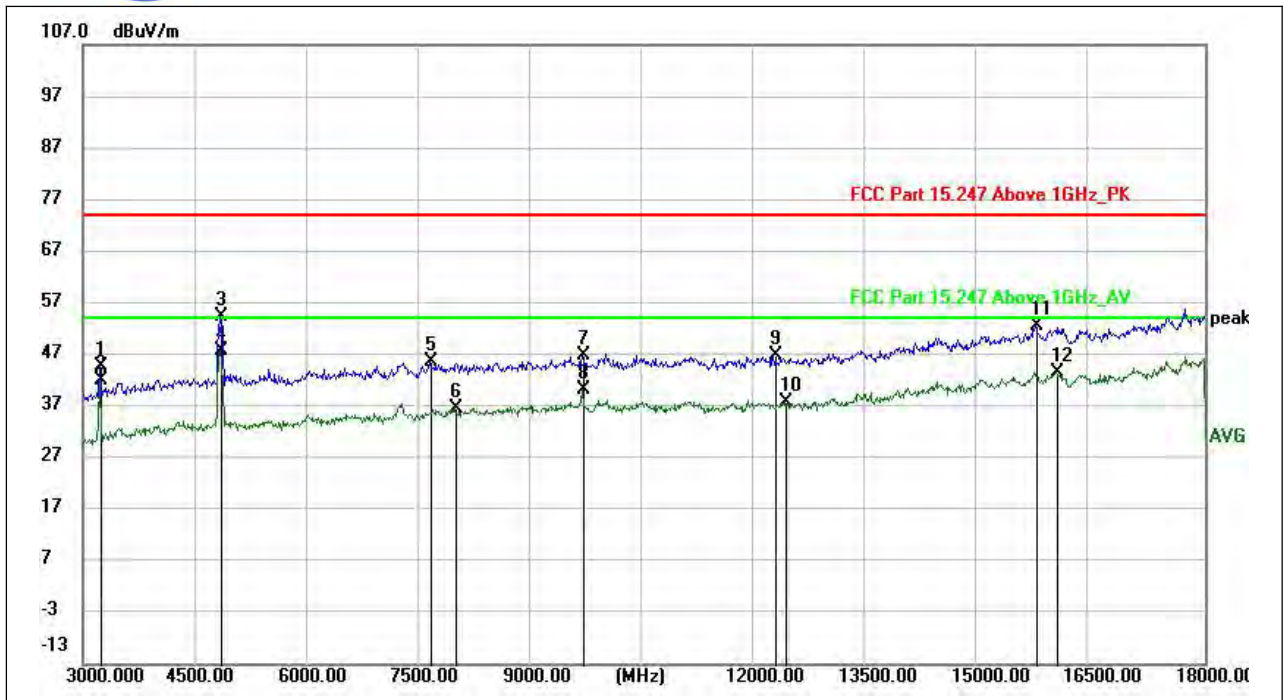
(802.11n_40M_2422MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
30.5628	16.95	12.89	29.84	40.00	-10.16	peak	V
36.6054	16.69	13.38	30.07	40.00	-9.93	peak	V
71.1926	22.35	11.19	33.54	40.00	-6.46	peak	V
160.0367	5.59	12.19	17.78	43.50	-25.72	peak	V
480.0224	2.51	21.54	24.05	46.00	-21.95	peak	V
800.1012	4.79	26.13	30.92	46.00	-15.08	peak	V



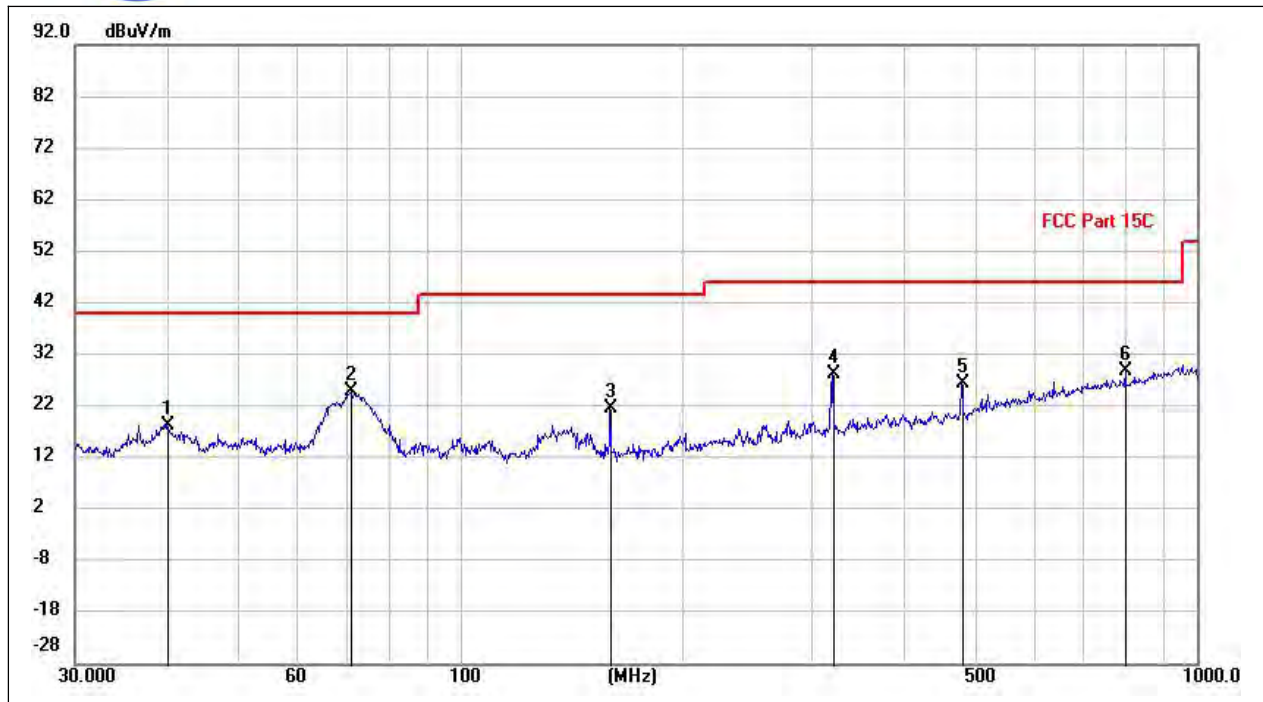
(802.11n_40M_2422MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1194.927	11.46	30.34	41.80	74.00	-32.20	peak	V
1198.345	3.72	30.58	34.30	54.00	-19.70	AVG	V
1492.324	11.83	32.39	44.22	74.00	-29.78	peak	V
1523.466	2.80	32.93	35.73	54.00	-18.27	AVG	V
1801.036	11.99	36.71	48.70	74.00	-25.30	peak	V
1801.036	3.03	36.71	39.74	54.00	-14.26	AVG	V
2011.724	12.24	36.96	49.20	74.00	-24.80	peak	V
2015.706	3.85	36.74	40.59	54.00	-13.41	AVG	V
2417.768	43.06	40.85	83.91	NA	NA	AVG	V
2431.620	51.43	40.79	92.22	NA	NA	peak	V
2731.336	13.88	43.04	56.92	74.00	-17.08	peak	V
2756.053	3.35	43.79	47.14	54.00	-6.86	AVG	V



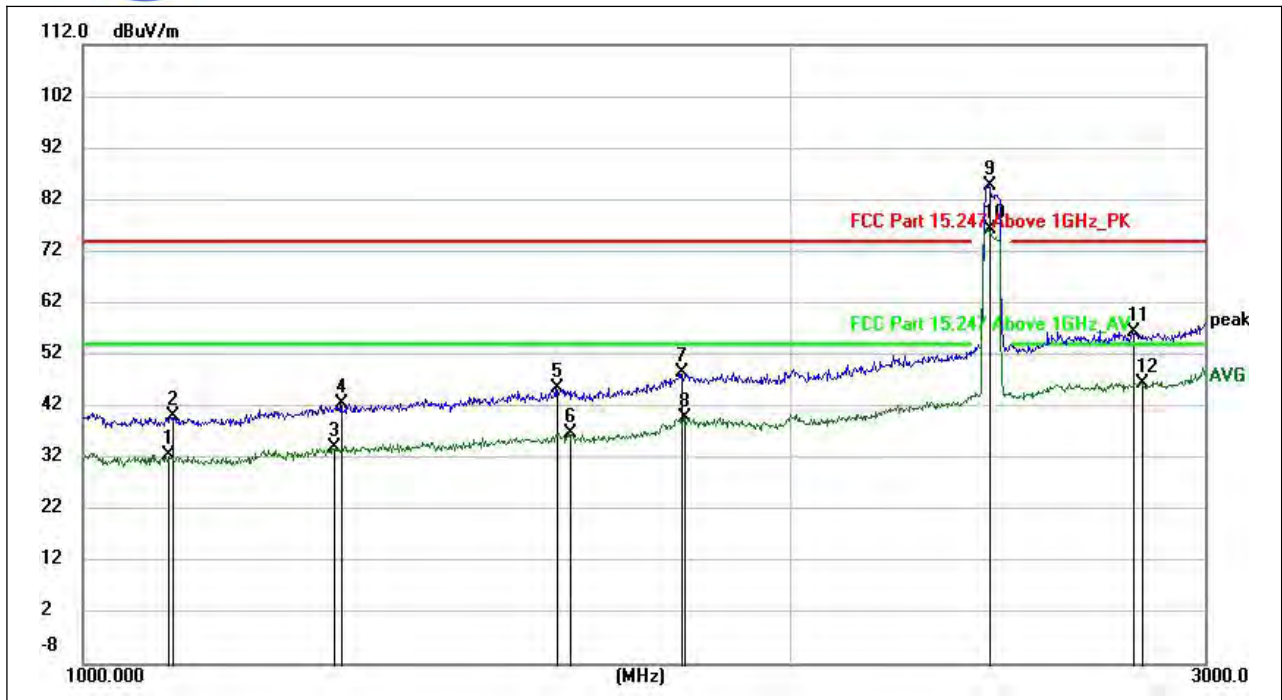
(802.11n_40M_2422MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
3228.750	51.25	-6.39	44.86	74.00	-29.14	peak	V
3228.750	48.56	-6.39	42.17	54.00	-11.83	AVG	V
4843.500	57.46	-3.07	54.39	74.00	-19.61	peak	V
4843.500	50.79	-3.07	47.72	54.00	-6.28	AVG	V
7645.500	44.98	0.79	45.77	74.00	-28.23	peak	V
7980.750	35.50	1.00	36.50	54.00	-17.50	AVG	V
9687.750	45.26	1.71	46.97	74.00	-27.03	peak	V
9687.750	38.62	1.71	40.33	54.00	-13.67	AVG	V
12251.250	42.87	4.04	46.91	74.00	-27.09	peak	V
12393.750	33.38	4.37	37.75	54.00	-16.25	AVG	V
15741.000	41.48	11.13	52.61	74.00	-21.39	peak	V
16026.750	31.74	11.78	43.52	54.00	-10.48	AVG	V



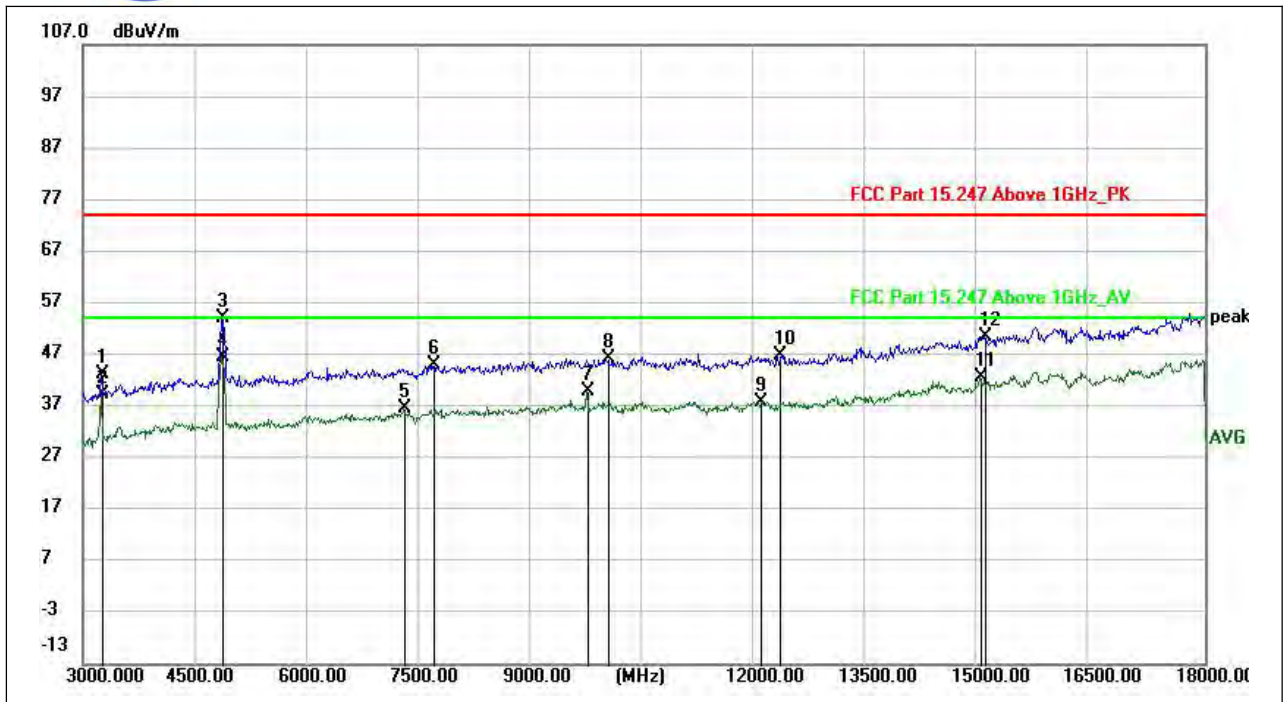
(802.11n_40M_2437MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
40.0574	2.71	15.64	18.35	40.00	-21.65	peak	H
71.1551	13.79	11.22	25.01	40.00	-14.99	peak	H
160.0087	9.54	12.20	21.74	43.50	-21.76	peak	H
320.0492	10.29	17.99	28.28	46.00	-17.72	peak	H
480.0224	4.78	21.54	26.32	46.00	-19.68	peak	H
800.1012	2.85	26.13	28.98	46.00	-17.02	peak	H



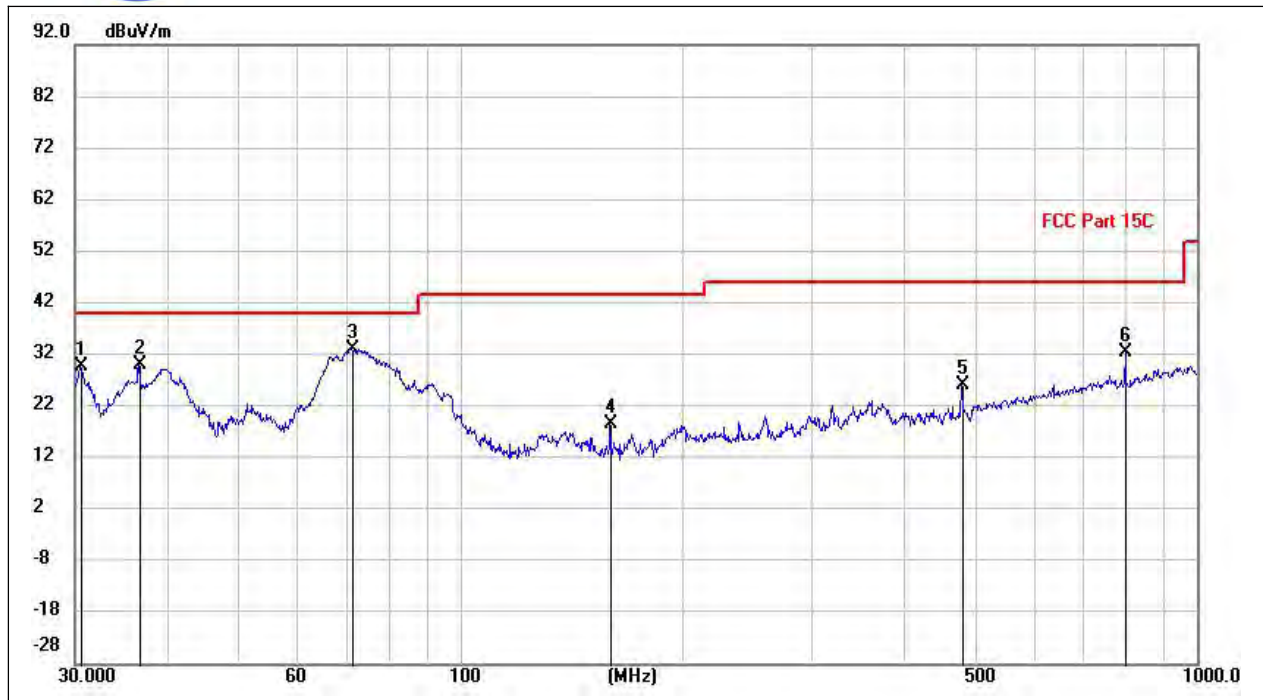
(802.11n_40M_2437MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1086.423	3.52	28.95	32.47	54.00	-21.53	AVG	H
1090.728	10.91	29.04	39.95	74.00	-34.05	peak	H
1278.241	3.40	30.63	34.03	54.00	-19.97	AVG	H
1288.746	11.97	30.65	42.62	74.00	-31.38	peak	H
1590.683	11.65	33.81	45.46	74.00	-28.54	peak	H
1611.527	2.96	33.84	36.80	54.00	-17.20	AVG	H
1796.490	12.12	36.53	48.65	74.00	-25.35	peak	H
1801.134	3.14	36.70	39.84	54.00	-14.16	AVG	H
2430.819	44.03	40.78	84.81	NA	NA	peak	H
2430.819	35.47	40.78	76.25	NA	NA	AVG	H
2794.929	12.13	44.28	56.41	74.00	-17.59	peak	H
2819.911	3.48	43.05	46.53	54.00	-7.47	AVG	H



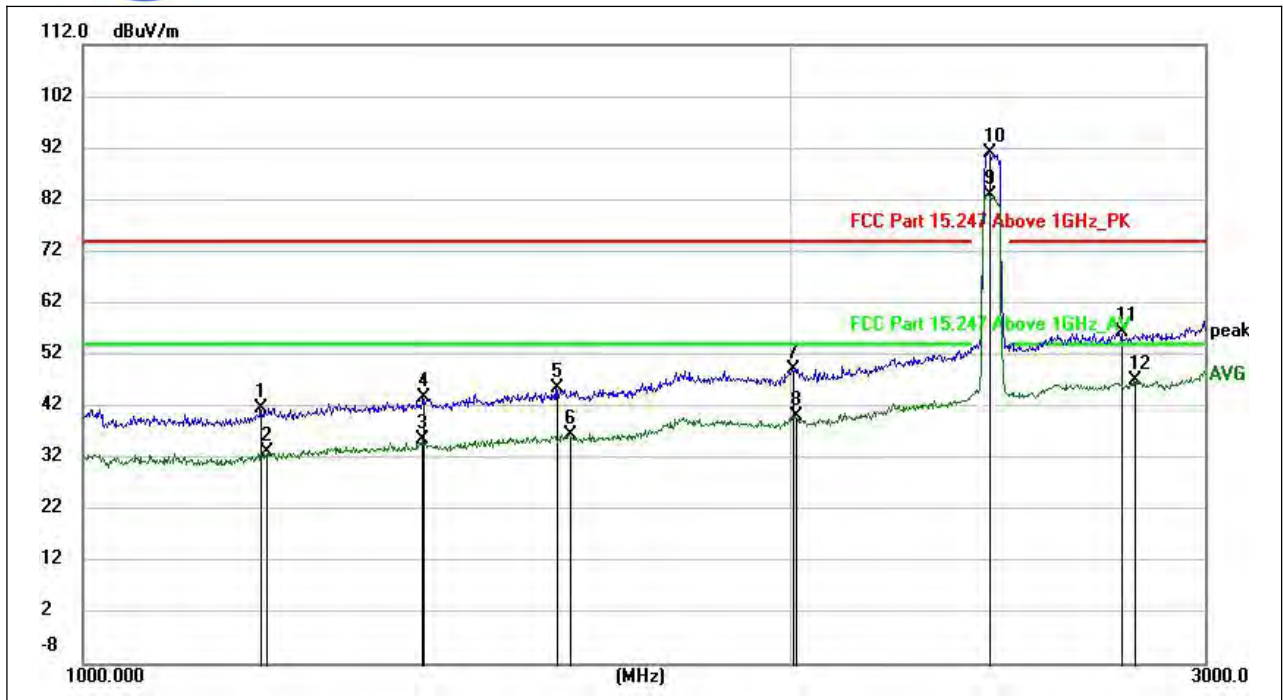
(802.11n_40M_2437MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
3249.000	49.38	-6.10	43.28	74.00	-30.72	peak	H
3249.000	45.53	-6.10	39.43	54.00	-14.57	AVG	H
4868.250	56.87	-2.90	53.97	74.00	-20.03	peak	H
4875.000	49.36	-2.86	46.50	54.00	-7.50	AVG	H
7299.750	36.76	-0.26	36.50	54.00	-17.50	AVG	H
7682.250	44.36	0.55	44.91	74.00	-29.09	peak	H
9747.750	37.95	2.00	39.95	54.00	-14.05	AVG	H
10006.500	44.38	1.89	46.27	74.00	-27.73	peak	H
12071.250	33.66	4.21	37.87	54.00	-16.13	AVG	H
12303.750	42.83	4.16	46.99	74.00	-27.01	peak	H
15002.250	31.89	10.60	42.49	54.00	-11.51	AVG	H
15050.250	40.27	10.31	50.58	74.00	-23.42	peak	H



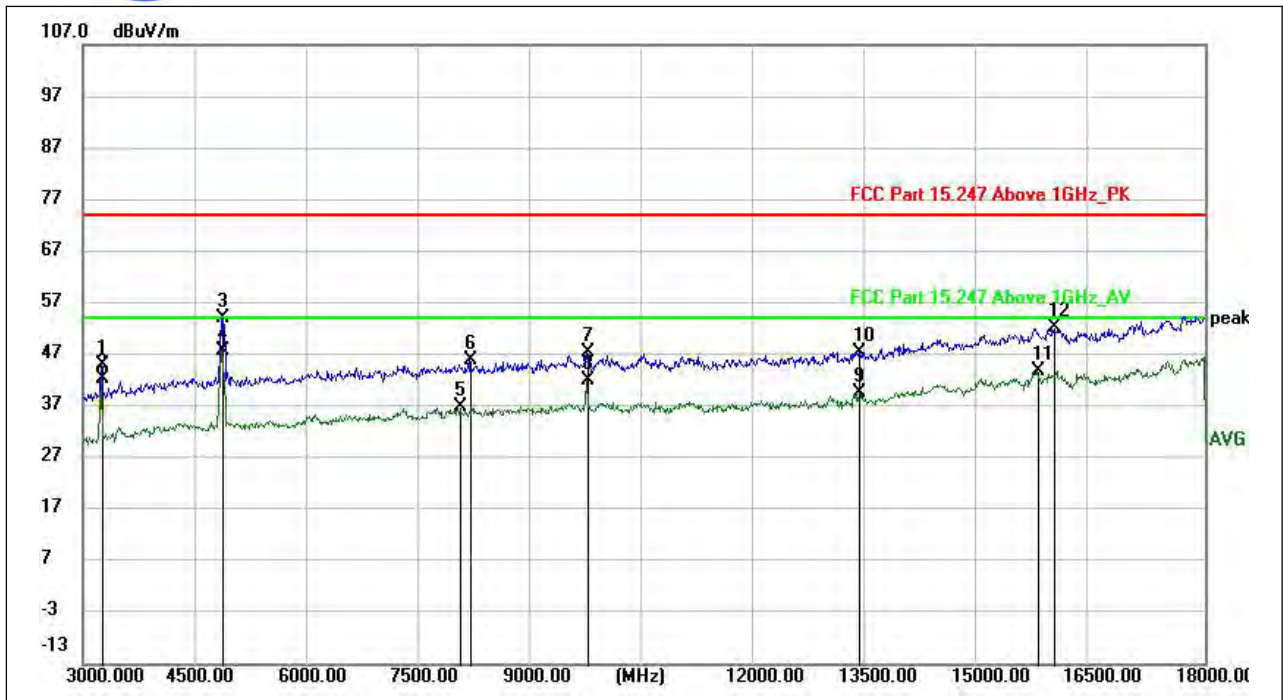
(802.11n_40M_2437MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
30.6164	16.88	12.80	29.68	40.00	-10.32	peak	V
36.6953	16.56	13.43	29.99	40.00	-10.01	peak	V
71.5555	22.25	10.91	33.16	40.00	-6.84	peak	V
160.0087	6.37	12.20	18.57	43.50	-24.93	peak	V
480.0224	4.68	21.54	26.22	46.00	-19.78	peak	V
800.1012	6.37	26.13	32.50	46.00	-13.50	peak	V



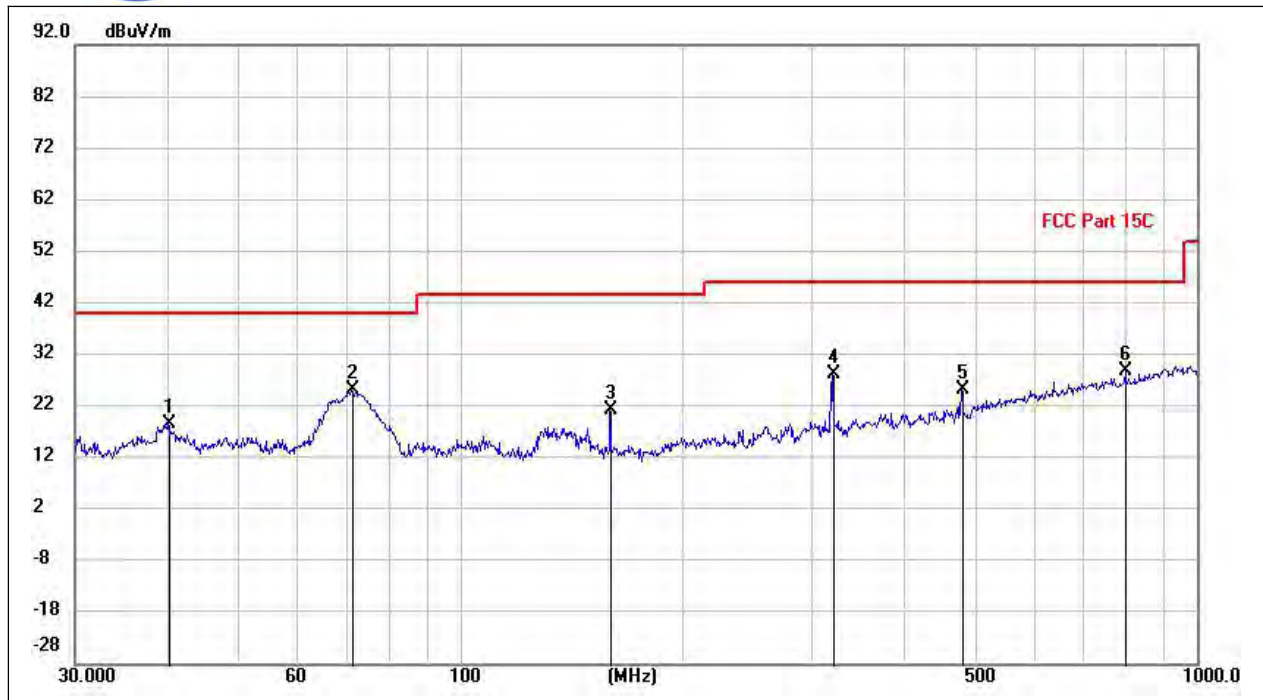
(802.11n_40M_2437MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1190.668	11.67	30.06	41.73	74.00	-32.27	peak	V
1196.372	2.83	30.44	33.27	54.00	-20.73	AVG	V
1394.749	3.75	31.78	35.53	54.00	-18.47	AVG	V
1396.359	11.73	31.85	43.58	74.00	-30.42	peak	V
1589.810	11.78	33.76	45.54	74.00	-28.46	peak	V
1611.970	2.80	33.82	36.62	54.00	-17.38	AVG	V
2004.444	11.87	37.36	49.23	74.00	-24.77	peak	V
2010.288	3.08	37.04	40.12	54.00	-13.88	AVG	V
2427.749	42.22	40.77	82.99	NA	NA	AVG	V
2429.083	50.26	40.78	91.04	NA	NA	peak	V
2765.303	12.84	43.47	56.31	74.00	-17.69	peak	V
2799.539	2.42	44.72	47.14	54.00	-6.86	AVG	V



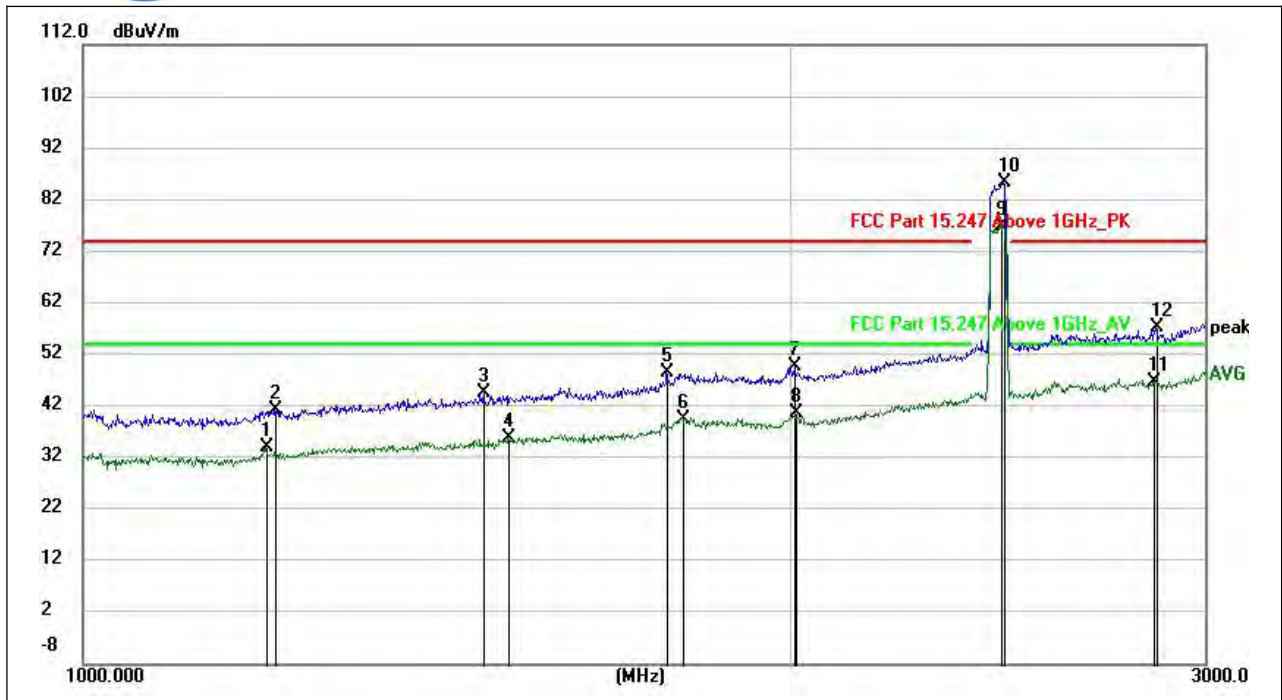
(802.11n_40M_2437MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
3249.000	51.22	-6.10	45.12	74.00	-28.88	peak	V
3249.000	48.41	-6.10	42.31	54.00	-11.69	AVG	V
4873.500	57.05	-2.86	54.19	74.00	-19.81	peak	V
4873.500	50.68	-2.86	47.82	54.00	-6.18	AVG	V
8033.250	36.29	0.48	36.77	54.00	-17.23	AVG	V
8175.750	45.24	0.77	46.01	74.00	-27.99	peak	V
9747.750	45.33	2.00	47.33	74.00	-26.67	peak	V
9747.750	40.02	2.00	42.02	54.00	-11.98	AVG	V
13371.000	33.20	6.48	39.68	54.00	-14.32	AVG	V
13380.000	41.13	6.44	47.57	74.00	-26.43	peak	V
15753.000	32.92	10.87	43.79	54.00	-10.21	AVG	V
15981.750	40.76	11.41	52.17	74.00	-21.83	peak	V



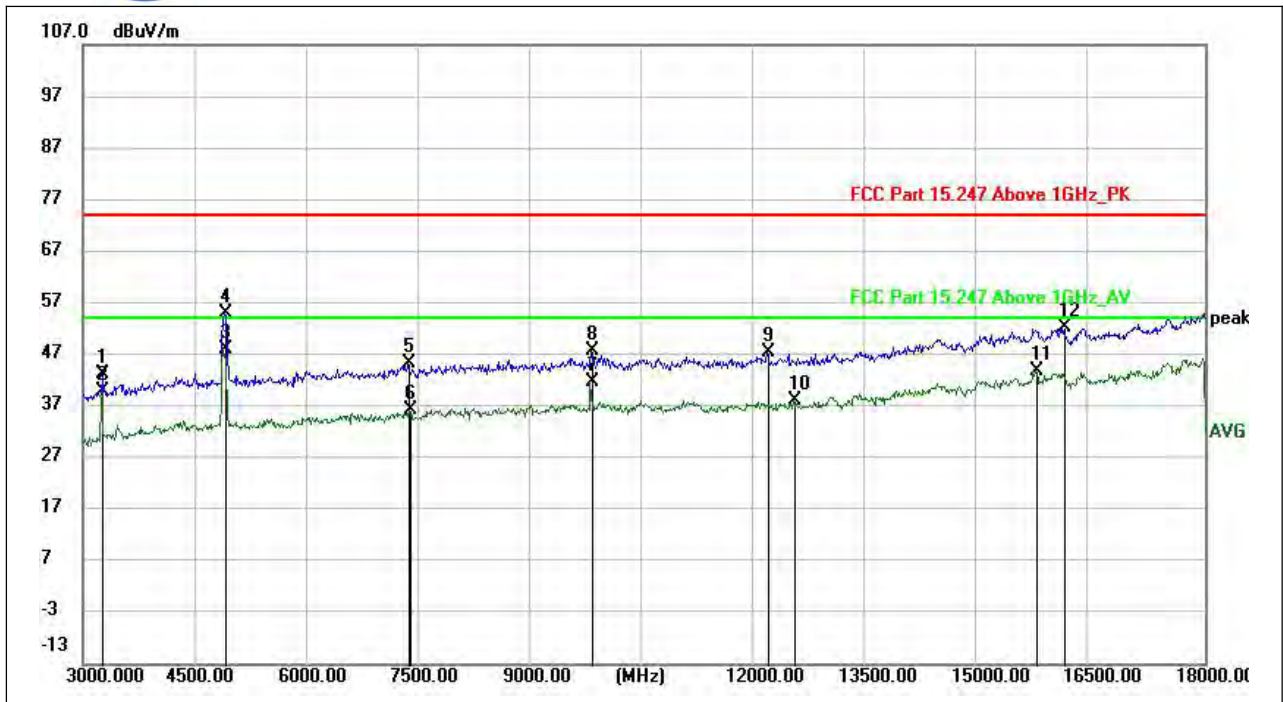
(802.11n_40M_2452MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
40.1488	3.08	15.56	18.64	40.00	-21.36	peak	H
71.4176	14.17	11.02	25.19	40.00	-14.81	peak	H
160.0087	9.24	12.20	21.44	43.50	-22.06	peak	H
319.9931	10.25	18.00	28.25	46.00	-17.75	peak	H
480.0224	3.77	21.54	25.31	46.00	-20.69	peak	H
799.9609	2.73	26.13	28.86	46.00	-17.14	peak	H



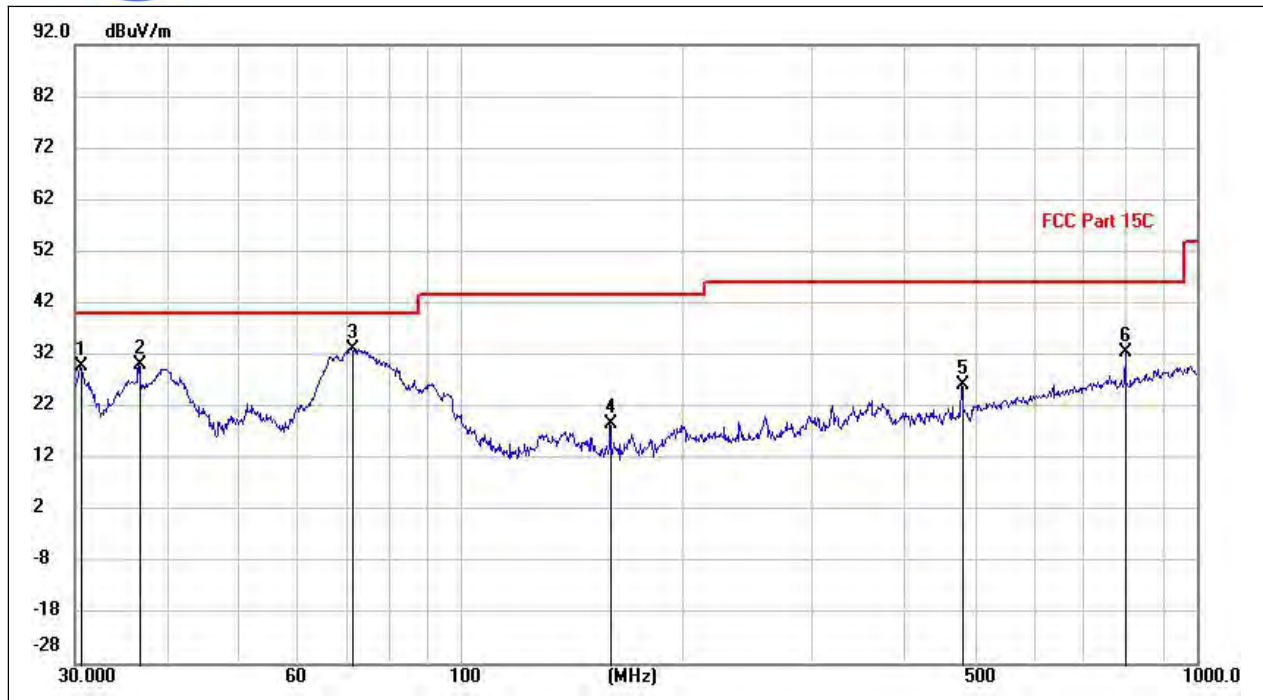
(802.11n_40M_2452MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1196.372	3.64	30.44	34.08	54.00	-19.92	AVG	H
1207.928	11.10	30.31	41.41	74.00	-32.59	peak	H
1480.972	12.30	32.35	44.65	74.00	-29.35	peak	H
1517.036	2.90	32.89	35.79	54.00	-18.21	AVG	H
1772.475	13.63	35.04	48.67	74.00	-25.33	peak	H
1799.256	2.74	36.72	39.46	54.00	-14.54	AVG	H
2007.860	12.69	37.17	49.86	74.00	-24.14	peak	H
2010.730	3.64	37.02	40.66	54.00	-13.34	AVG	H
2456.456	35.58	41.28	76.86	NA	NA	AVG	H
2462.130	43.71	41.49	85.20	NA	NA	peak	H
2854.510	2.89	43.83	46.72	54.00	-7.28	AVG	H
2861.260	13.17	44.08	57.25	74.00	-16.75	peak	H



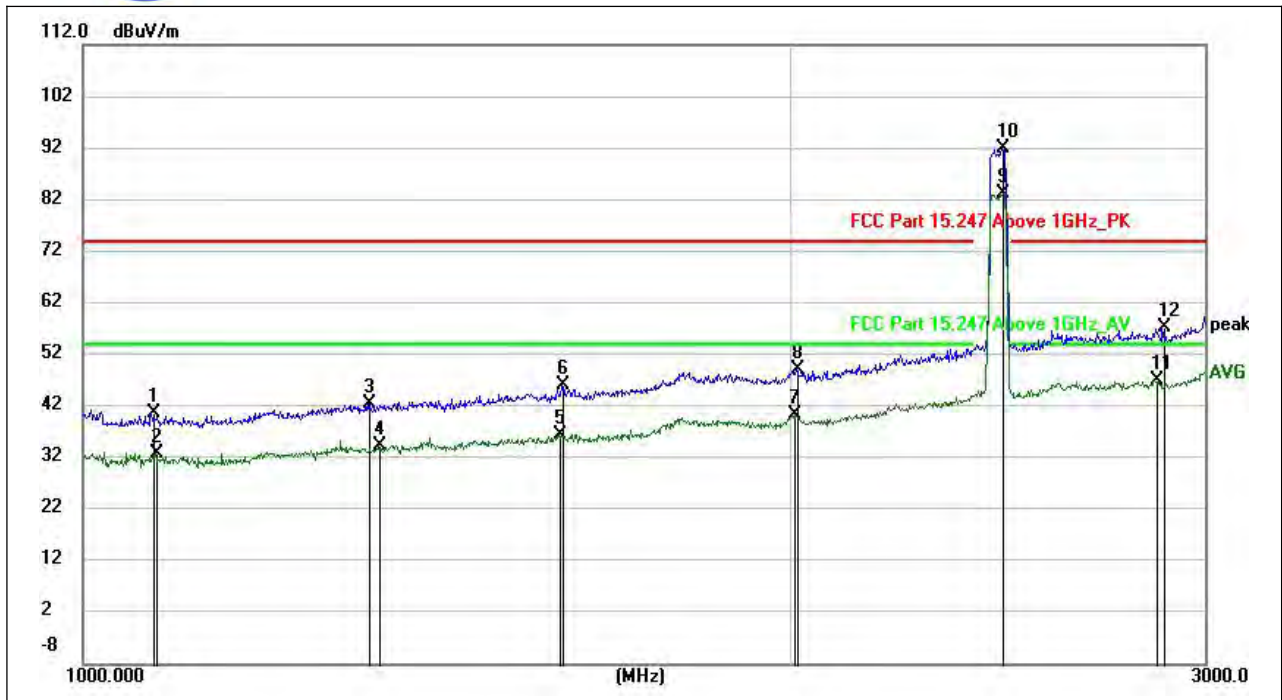
(802.11n_40M_2452MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
3269.250	48.97	-5.76	43.21	74.00	-30.79	peak	H
3269.250	45.56	-5.76	39.80	54.00	-14.20	AVG	H
4903.500	50.73	-2.68	48.05	54.00	-5.95	AVG	H
4904.250	57.72	-2.69	55.03	74.00	-18.97	peak	H
7355.250	45.48	-0.20	45.28	74.00	-28.72	peak	H
7374.000	36.53	-0.29	36.24	54.00	-17.76	AVG	H
9807.750	40.09	1.63	41.72	54.00	-12.28	AVG	H
9808.500	45.99	1.64	47.63	74.00	-26.37	peak	H
12163.500	43.49	3.95	47.44	74.00	-26.56	peak	H
12505.500	33.09	4.93	38.02	54.00	-15.98	AVG	H
15748.500	32.87	10.97	43.84	54.00	-10.16	AVG	H
16115.250	41.26	11.07	52.33	74.00	-21.67	peak	H



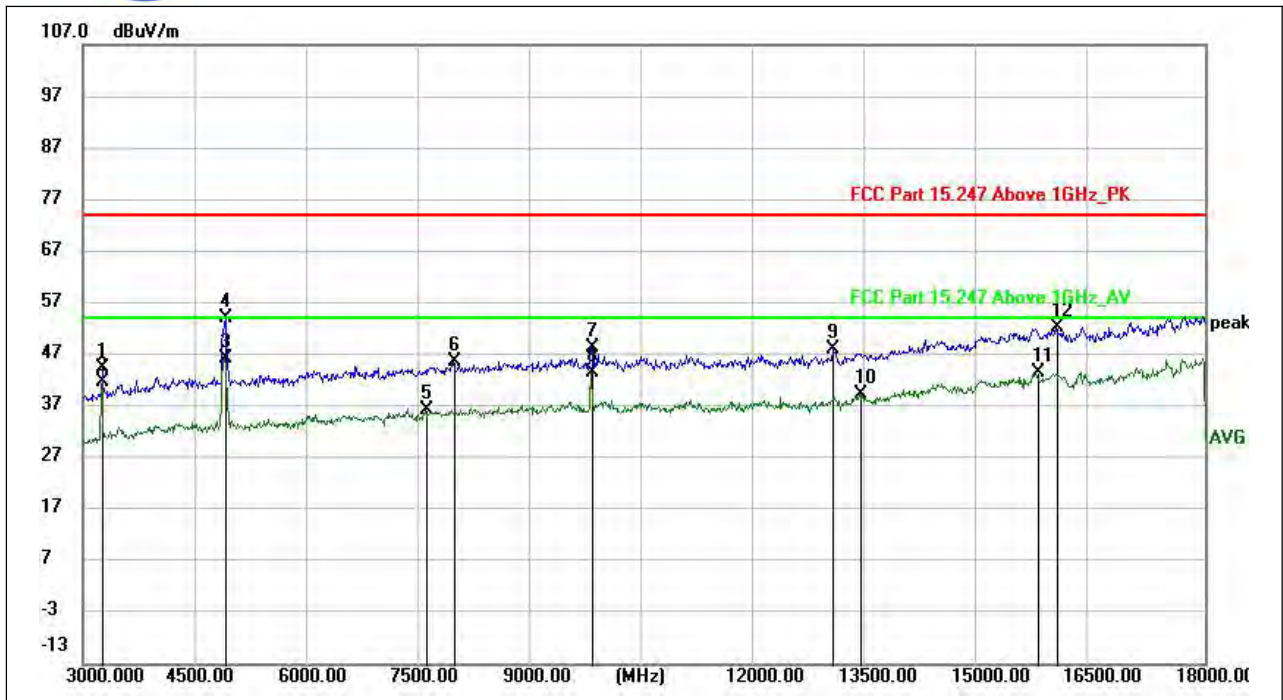
(802.11n_40M_2452MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
30.6164	16.88	12.80	29.68	40.00	-10.32	peak	V
36.6953	16.56	13.43	29.99	40.00	-10.01	peak	V
71.5555	22.25	10.91	33.16	40.00	-6.84	peak	V
160.0087	6.37	12.20	18.57	43.50	-24.93	peak	V
480.0224	4.68	21.54	26.22	46.00	-19.78	peak	V
800.1012	6.37	26.13	32.50	46.00	-13.50	peak	V



(802.11n_40M_2452MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1071.429	11.70	29.04	40.74	74.00	-33.26	peak	V
1074.434	3.83	29.00	32.83	54.00	-21.17	AVG	V
1323.396	11.81	30.77	42.58	74.00	-31.42	peak	V
1337.795	3.38	30.85	34.23	54.00	-19.77	AVG	V
1595.058	2.44	34.01	36.45	54.00	-17.55	AVG	V
1599.709	11.84	34.23	46.07	74.00	-27.93	peak	V
2007.860	3.12	37.17	40.29	54.00	-13.71	AVG	V
2011.503	12.20	36.97	49.17	74.00	-24.83	peak	V
2461.048	41.87	41.46	83.33	NA	NA	AVG	V
2461.724	50.34	41.48	91.82	NA	NA	peak	V
2858.746	3.05	43.99	47.04	54.00	-6.96	AVG	V
2881.449	13.18	44.00	57.18	74.00	-16.82	peak	V



(802.11n_40M_2452MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
3269.250	50.18	-5.76	44.42	74.00	-29.58	peak	V
3269.250	47.57	-5.76	41.81	54.00	-12.19	AVG	V
4903.500	48.96	-2.68	46.28	54.00	-7.72	AVG	V
4908.000	56.69	-2.68	54.01	74.00	-19.99	peak	V
7579.500	36.16	0.17	36.33	54.00	-17.67	AVG	V
7970.250	44.32	1.22	45.54	74.00	-28.46	peak	V
9807.750	46.72	1.66	48.38	74.00	-25.62	peak	V
9807.750	41.99	1.66	43.65	54.00	-10.35	AVG	V
13026.750	41.88	6.06	47.94	74.00	-26.06	peak	V
13407.000	33.08	6.37	39.45	54.00	-14.55	AVG	V
15753.000	32.71	10.87	43.58	54.00	-10.42	AVG	V
16030.500	40.55	11.76	52.31	74.00	-21.69	peak	V



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	±2.22dB
Power spectral density (PSD)	±2.22dB
Bandwidth	±5%
Conducted Spurious Emission	±2.77 dB
Restricted Frequency Bands	±5%
Radiated Emission	±3.1dB
Conducted Emission	±1.8dB

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

Laboratory Name:	Kehu-Morlab Test Laboratory
Laboratory Address:	Unit 101, No.1732 Gangzhong Road, Xiamen Area, Pilot Free Trade Zone (Fujian) P.R. China
Telephone:	+86-0592-5612050
Facsimile:	+86-0592-5612095

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. Accreditation Certificate

Accredited Testing Laboratory:	The FCC designation number is CN1249. (Kehu-Morlab Test Laboratory)
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4. Test Equipments Utilized

4.1 Conducted Test Equipments

No	Equipment Name	Serial No.	Model No.	Manufacturer	Cal.Due Date
1	MXA Signal Analyzer	MY57150136	N9030A	Keysight	2021. 03.08
2	RF cable (30MHz-26.5GHz)	RF01	N/A	Morlab	2021.03.06
3	Coaxial cable	RF02	N/A	Morlab	2021.03.06
4	SMA connector	RF03	N/A	Xingbo	N/A
5	Power Probe	MY5434002	U2021XA	Agilent	2021.06.15

4.2 Conducted Emission Test Equipments

No	Equipment Name	Serial No.	Model No.	Manufacturer	Cal.Due Date
1	EMI Receiver	102174	ESR3	ESR3	2021.03.15
2	LISN	101338	ENV432	ENV432	2021.03.09

4.4 List of Software Used

No	Model	Version Number	Producer	Test Item
1	EZ_EMG	V1.1.4.2	FARAD	RE



2	EMC32	V10.20.01	Rode&Schwarz	CE
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4.5 Radiated Test Equipments

No.	Equipment Name	Serial No.	Model No.	Manufacturer	Cal.Due Date
1	Anechoic Chamber	N/A	9m*6m*6m	ETS-Lindgren	2022.07.20
2	Receiver	101799	ESR7	R&S	2021.03.15
3	Signal Analyzer	101294	FSV40	R&S	2021.06.04
4	Active Ring Antenna	FMZB 1513 #269	FMZB 1513	Schwarzbeck	2022.01.18
5	Linear Log Periodic Broad Band Antenna	949	VULB 9163	Schwarzbeck	2021.09.24
6	Ultra-Wideband Horn Antenna	102615	HF907	R&S	2022.01.18
7	Steatite Antennas	17868	QSH-SL-18 -26-S-20	Seibersdorf	2021.03.23
8	RF Switch and Control Platform	N/A	RSC	CDSI	N/A
9	Coaxial cable (N male) (9kHz -3GHz)	EMC02	N/A	Morlab	2021.03.23
10	Coaxial cable (N male) (9kHz -3GHz)	EMC03	N/A	Morlab	2021.03.23
11	Coaxial cable (N male) (1GHz-26.5GHz)	EMC04	N/A	Morlab	2021.03.23
12	Coaxial cable (N male) (1GHz-26.5GHz)	EMC05	N/A	Morlab	2021.03.23
13	Pre-amplifier (1GHz-18GHz)	8810011	PAP-1G18	CDSI	N/A
14	Pre-amplifier (18GHz-40GHz)	17021-17024	PAP-1840	CDSI	2021.03.23
15	Band stop Filter	EMC19	BJF2400/24 85-60	CDSI	2021.03.23
16	High Pass Filter	EMC22	HFP-3.0/18 G-60	CDSI	2021.03.23



REPORT No. : XM20080060W04

————— END OF REPORT —————