

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).

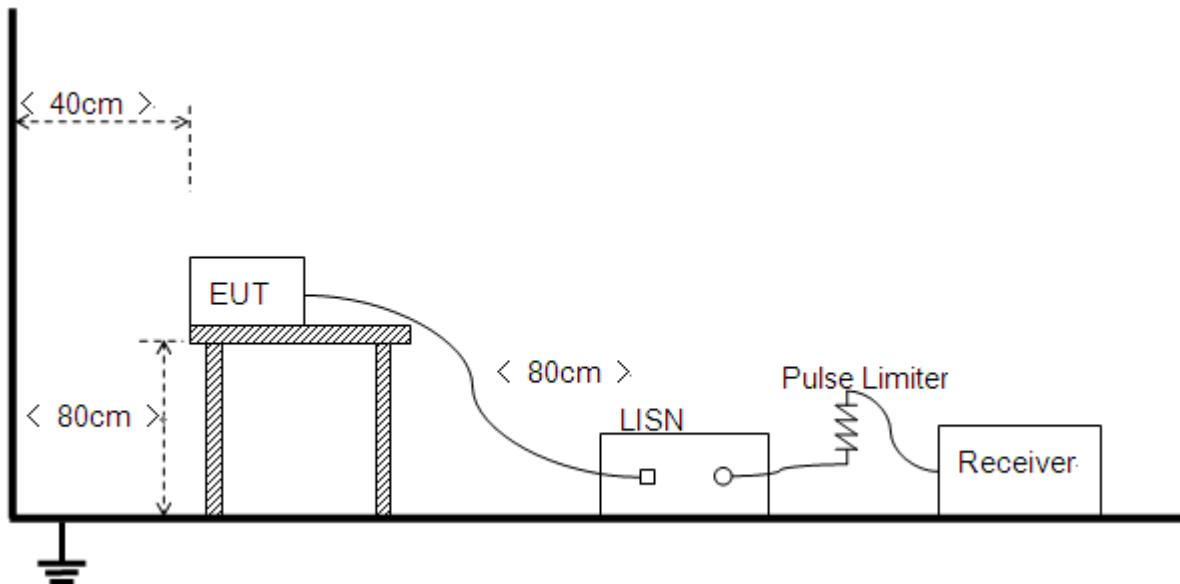
Frequency range (MHz)	Conducted Limit (dB μ V)	
	Quai-peak	Average
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
5 - 30	60	50

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

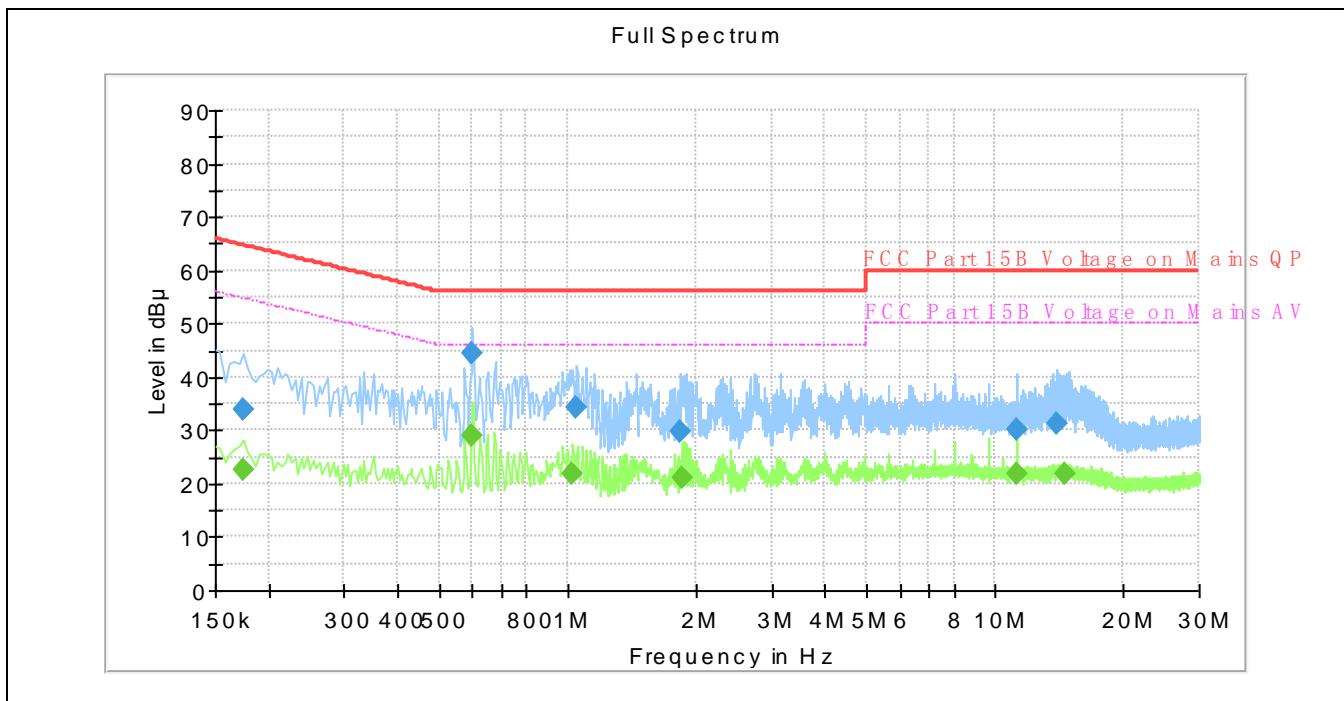
The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT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

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

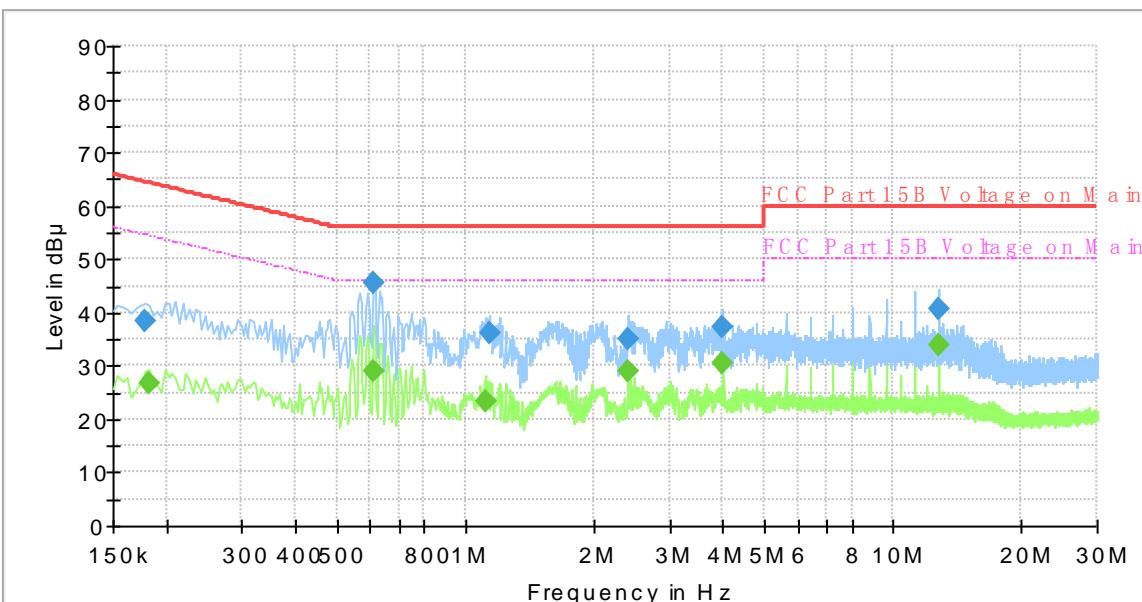
**B. Test Plots:**

(Plot A: L Phase)

Frequency (MHz)	MaxPeak (dB μ V)	Average (dB μ V)	Limit (dB μ V)	Margin (dB)	Line	Corr. (dB)
0.174000	---	22.60	54.77	32.17	L1	10.2
0.174000	33.94	---	64.77	30.83	L1	10.2
0.598000	---	29.15	46.00	16.85	L1	10.2
0.598000	44.55	---	56.00	11.45	L1	10.2
1.026000	---	21.73	46.00	24.27	L1	10.3
1.050000	34.41	---	56.00	21.59	L1	10.3
1.834000	29.60	---	56.00	26.40	L1	10.3
1.850000	---	20.98	46.00	25.02	L1	10.3
11.222000	29.94	---	60.00	30.06	L1	10.7
11.222000	---	21.79	50.00	28.21	L1	10.7
14.002000	31.12	---	60.00	28.88	L1	10.7
14.538000	---	21.92	50.00	28.08	L1	10.7



Full Spectrum



(Plot A: N Phase)

Frequency (MHz)	MaxPeak (dB μ V)	Average (dB μ V)	Limit (dB μ V)	Margin (dB)	Line	Corr. (dB)
0.178000	38.36	---	64.58	26.22	N	10.2
0.182000	---	26.70	54.39	27.69	N	10.2
0.610000	---	29.02	46.00	16.98	N	10.2
0.610000	45.75	---	56.00	10.25	N	10.2
1.114000	---	23.28	46.00	22.72	N	10.3
1.138000	36.27	---	56.00	19.73	N	10.3
2.402000	---	29.07	46.00	16.93	N	10.3
2.406000	35.07	---	56.00	20.93	N	10.3
4.006000	37.37	---	56.00	18.63	N	10.4
4.006000	---	30.46	46.00	15.54	N	10.4
12.822000	---	33.91	50.00	16.09	N	10.7
12.822000	40.54	---	60.00	19.46	N	10.7



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 (μ V/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.

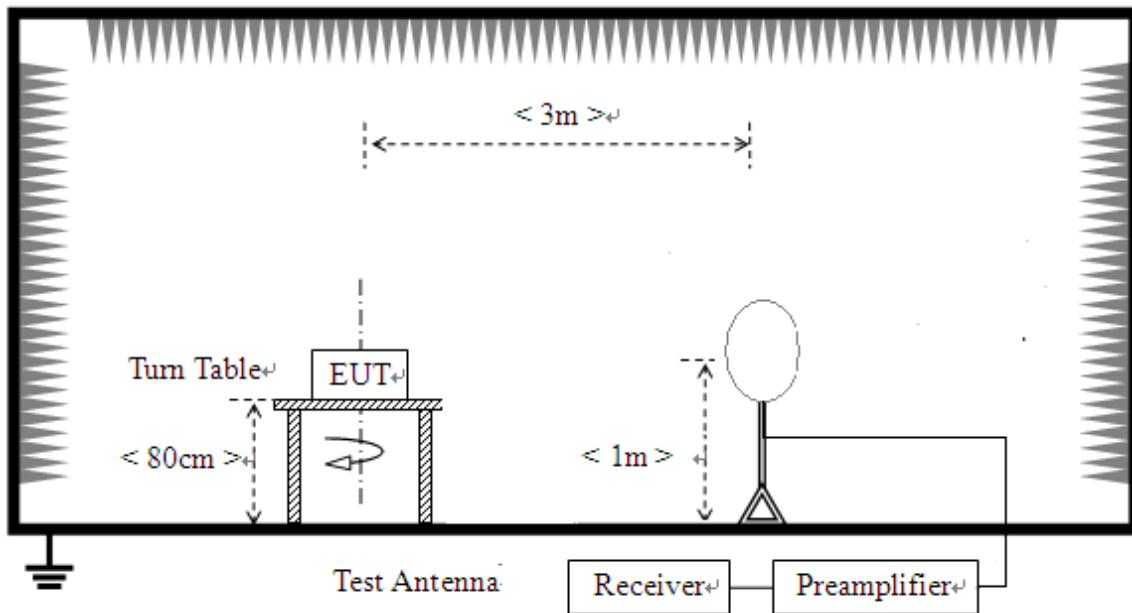
For above 1000MHz, limit field strength of harmonics: 54dB_{UV}/m@3m (AV) and 74dB_{UV}/m@3m (PK)

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)

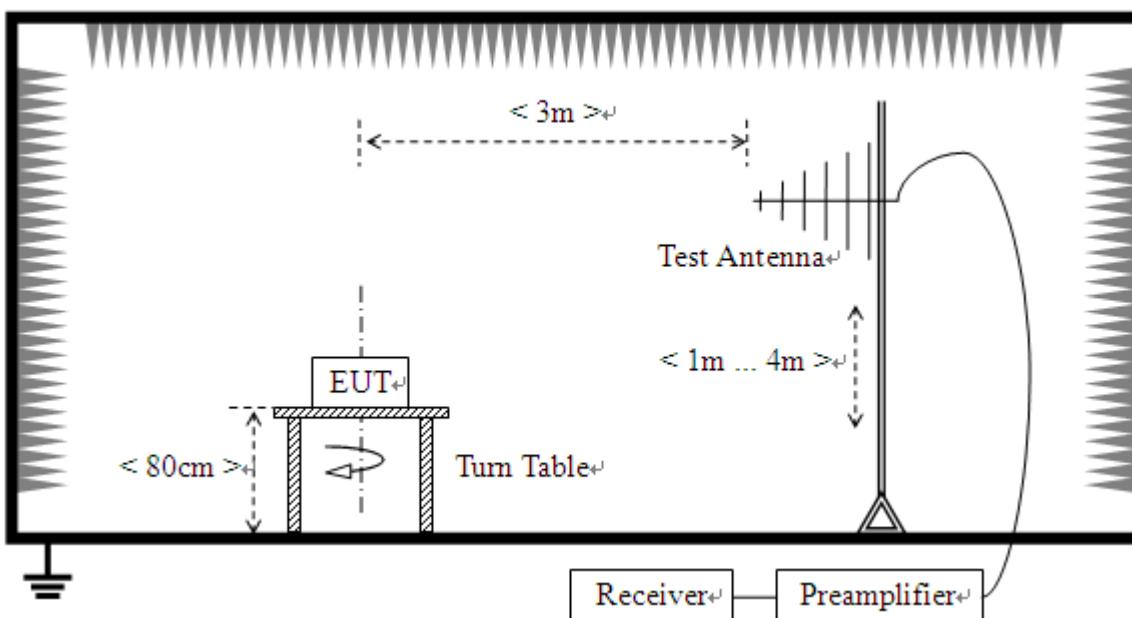
2.8.2. Test Description

A. Test Setup:

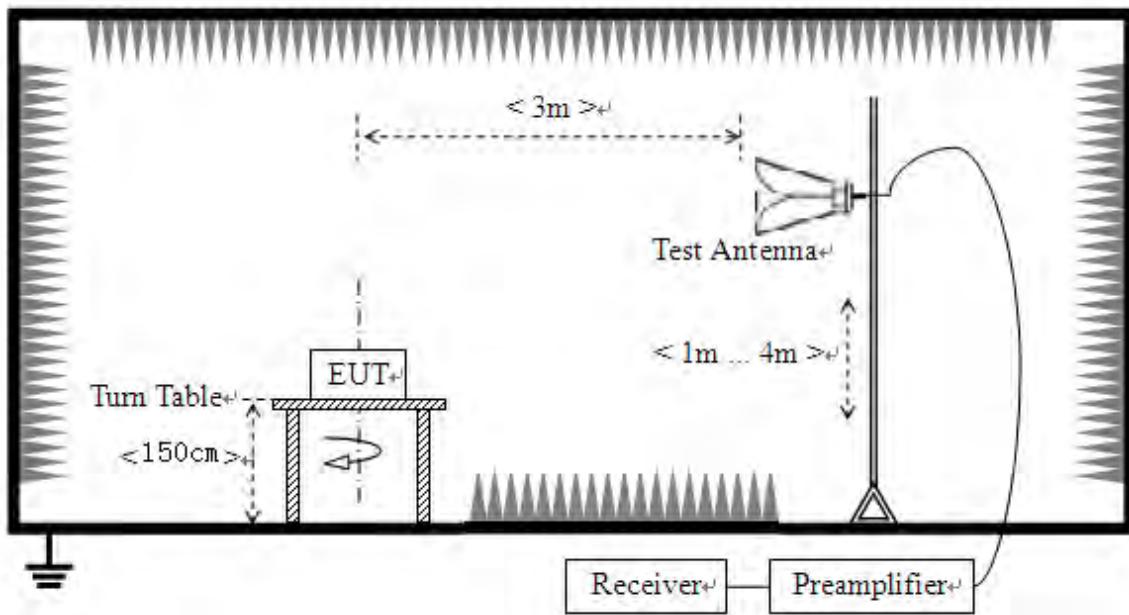
- 1) For radiated emissions from 9kHz to 30MHz



- 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 C63.10:2013.

For Radiated emission below 30MHz:

- The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
- 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.
- The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.



NOTE: 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 refere ANNEX B(4).

2.8.3. Test Mode

Mode 1: WiFi Link (The WIFI module independently operation)

Mode 2: GSM 850 Link + WiFi Link (The WIFI module and the WWAN module are simultaneous operation, the worst case of WWAN module is GSM850)



2.8.4. Test Result

According to ANSI C63.10, because of peak detection will yield amplitudes equal to or greater than amplitudes measured with the quasi-peak (or average) detector, the measurement data from a spectrum analyzer peak detector will represent the worst-case results, if the peak measured value complies with the quasi-peak limit, it is unnecessary to perform an quasi-peak measurement.

The measurement results are obtained as below:

$$E [\text{dB}\mu\text{V/m}] = U_R + A_T + A_{\text{Factor}} [\text{dB}]; A_T = L_{\text{Cable loss}} [\text{dB}] - G_{\text{preamp}} [\text{dB}]$$

A_T : Total correction Factor except Antenna

U_R : Receiver Reading

G_{preamp} : Preamplifier Gain

A_{Factor} : Antenna Factor at 3m

During the test, the total correction Factor A_T and A_{Factor} were built in test software.

Note1: All radiated emission tests were performed in X, Y, Z axis direction. And only the worst Y axis test condition was recorded in this test report.

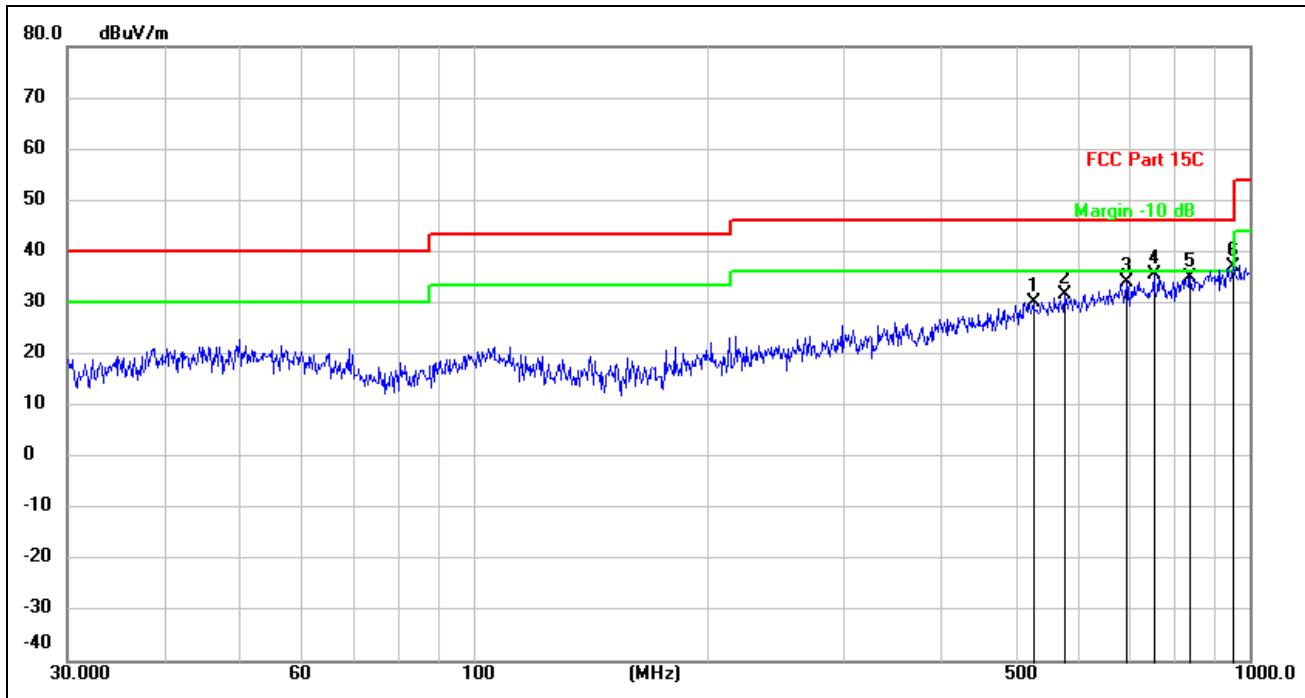
Note2: For the frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

Note3: For the frequency, which started from 25GHz to 40GHz, was pre-scanned and the result which was 10dB lower than the limit was not recorded.



REPORT No. : XM19030031W01

Mode 1: WiFi Link

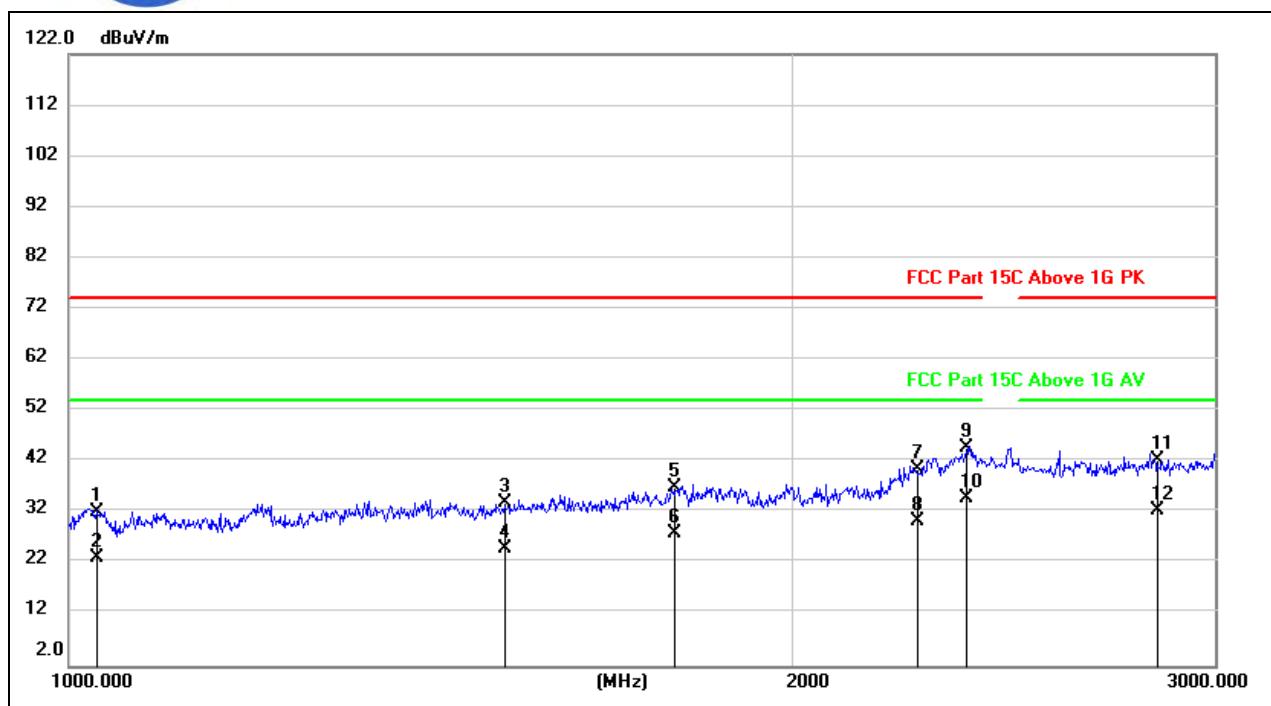


(802.11b _2412MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
526.3967	8.08	22.16	30.24	46.00	-15.76	peak	H
578.6699	8.39	23.07	31.46	46.00	-14.54	peak	H
694.4174	9.29	24.86	34.15	46.00	-11.85	peak	H
752.7432	9.46	26.06	35.52	46.00	-10.48	peak	H
839.1818	8.28	26.78	35.06	46.00	-10.94	peak	H
952.0937	8.66	28.32	36.98	46.00	-9.02	peak	H



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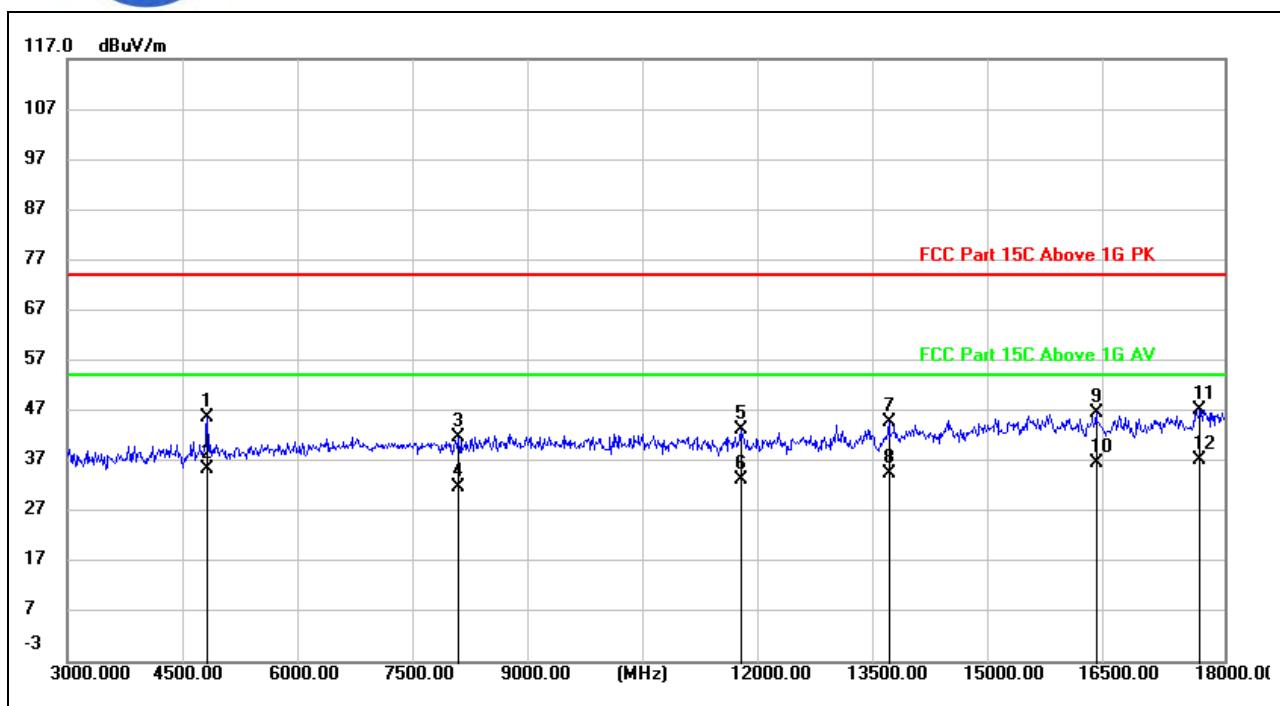


(802.11b _2412MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1027.286	10.17	22.01	32.18	74.00	-41.82	peak	H
1027.286	1.10	22.01	23.11	54.00	-30.89	AVG	H
1519.492	8.72	25.32	34.04	74.00	-39.96	peak	H
1519.492	-0.28	25.32	25.04	54.00	-28.96	AVG	H
1787.833	9.80	27.26	37.06	74.00	-36.94	peak	H
1787.833	0.74	27.26	28.00	54.00	-26.00	AVG	H
2256.519	10.99	29.50	40.49	74.00	-33.51	peak	H
2256.519	0.84	29.50	30.34	54.00	-23.66	AVG	H
2363.644	14.66	30.12	44.78	74.00	-29.22	peak	H
2363.644	2.94	30.12	33.06	54.00	-20.94	AVG	H
2838.309	10.58	31.87	42.45	74.00	-31.55	peak	H
2838.309	0.12	31.87	31.99	54.00	-22.01	AVG	H



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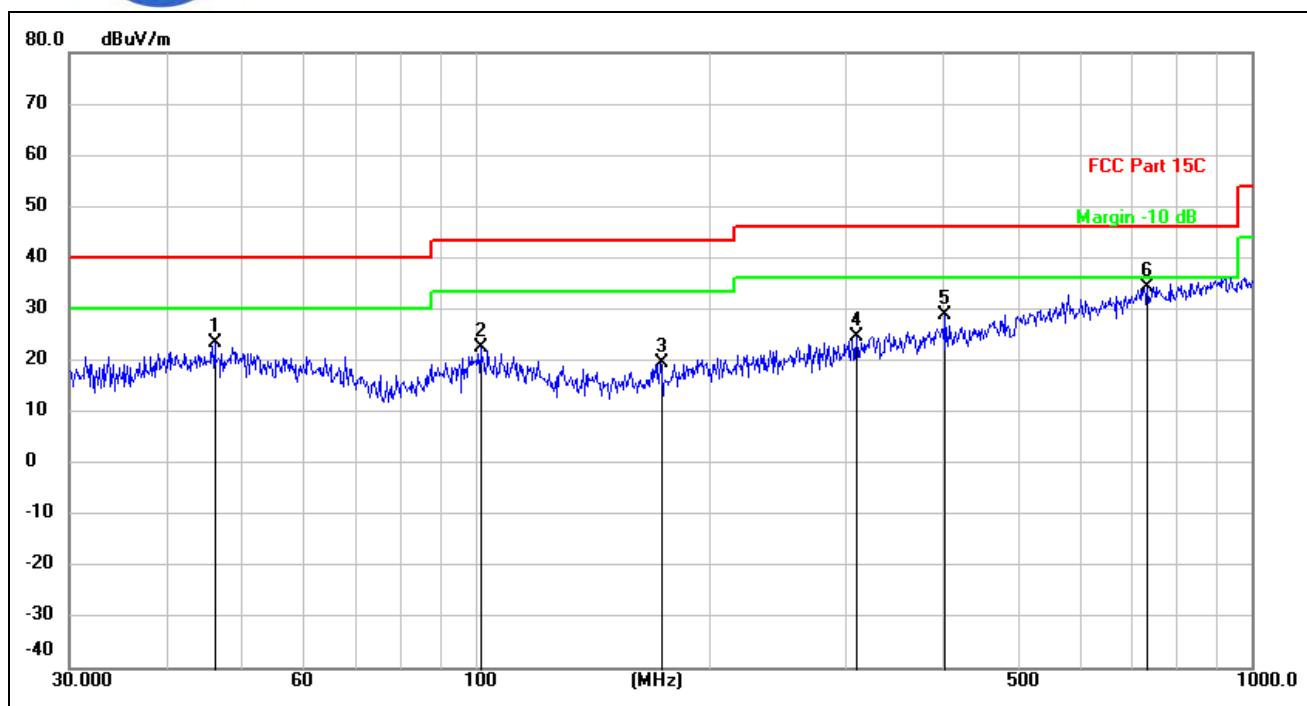


(802.11b _2412MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4815.000	48.87	-3.28	45.59	74.00	-28.41	peak	H
4815.000	38.01	-3.28	34.73	54.00	-19.27	AVG	H
8070.000	41.30	0.51	41.81	74.00	-32.19	peak	H
8070.000	30.69	0.51	31.20	54.00	-22.80	AVG	H
11730.000	39.32	3.95	43.27	74.00	-30.73	peak	H
11730.000	28.45	3.95	32.40	54.00	-21.60	AVG	H
13650.000	37.46	7.19	44.65	74.00	-29.35	peak	H
13650.000	25.90	7.19	33.09	54.00	-20.91	AVG	H
16335.000	34.82	11.70	46.52	74.00	-27.48	peak	H
16335.000	23.07	11.70	34.77	54.00	-19.23	AVG	H
17685.000	33.29	14.02	47.31	74.00	-26.69	peak	H
17685.000	21.94	14.02	35.96	54.00	-18.04	AVG	H



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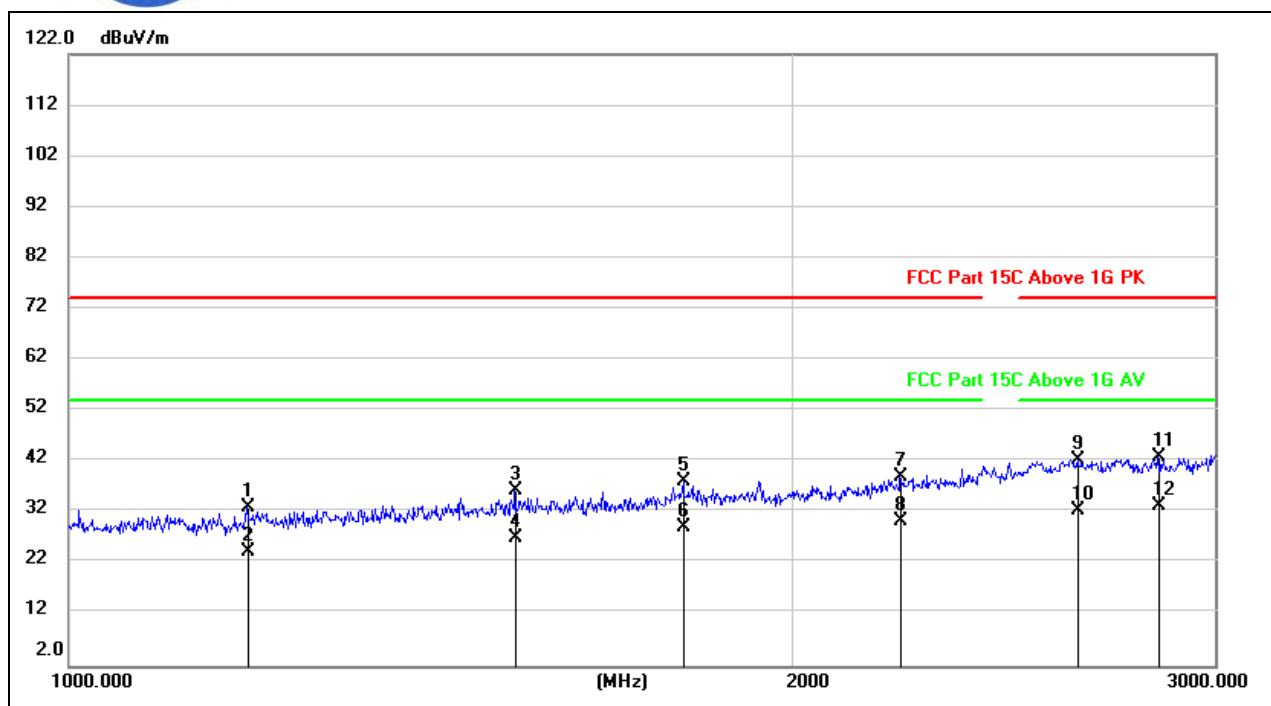


(802.11b _2412MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
46.1780	7.86	15.48	23.34	40.00	-16.66	peak	V
101.6443	7.86	14.80	22.66	43.50	-20.84	peak	V
173.2051	7.79	11.79	19.58	43.50	-23.92	peak	V
309.9977	8.39	16.23	24.62	46.00	-21.38	peak	V
403.2500	9.36	19.43	28.79	46.00	-17.21	peak	V
734.4913	8.58	25.66	34.24	46.00	-11.76	peak	V



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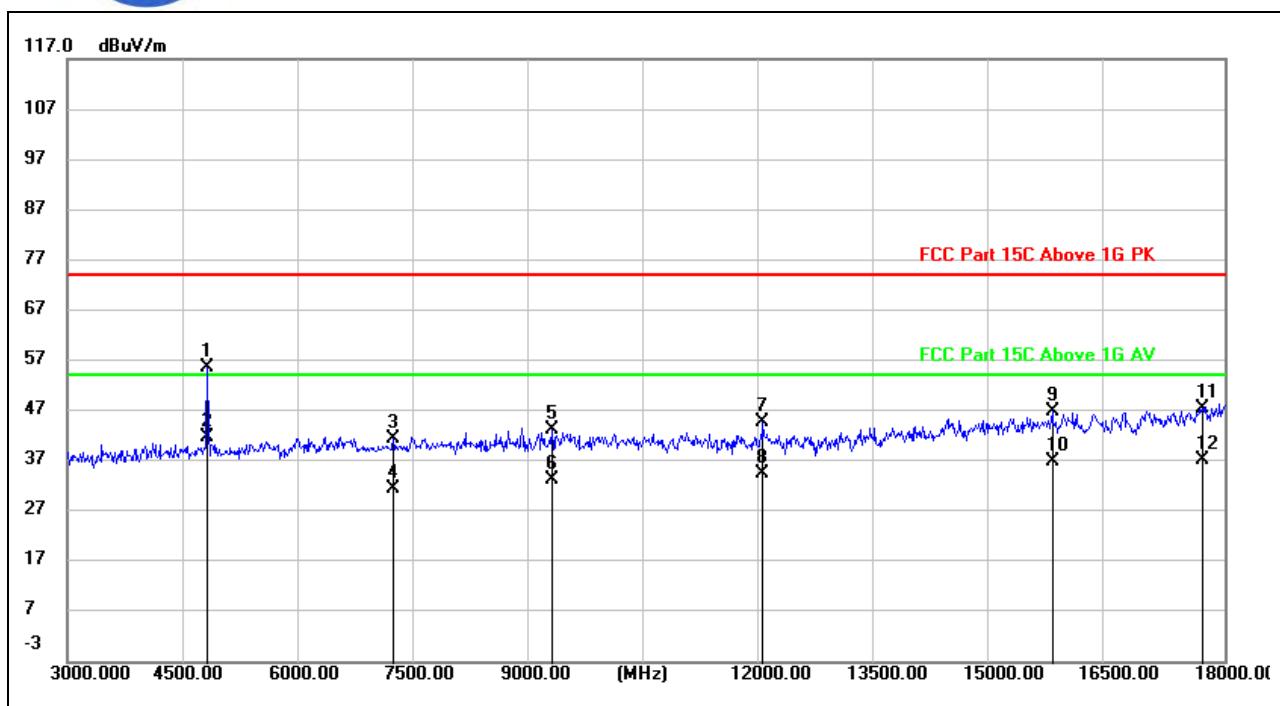


(802.11b _2412MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1185.643	9.81	23.17	32.98	74.00	-41.02	peak	V
1185.643	1.20	23.17	24.37	54.00	-29.63	AVG	V
1533.205	10.86	25.49	36.35	74.00	-37.65	peak	V
1533.205	1.48	25.49	26.97	54.00	-27.03	AVG	V
1801.926	9.96	28.08	38.04	74.00	-35.96	peak	V
1801.926	1.11	28.08	29.19	54.00	-24.81	AVG	V
2217.752	9.81	29.23	39.04	74.00	-34.96	peak	V
2217.752	1.09	29.23	30.32	54.00	-23.68	AVG	V
2629.461	10.40	31.95	42.35	74.00	-31.65	peak	V
2629.461	0.37	31.95	32.32	54.00	-21.68	AVG	V
2839.653	11.11	31.87	42.98	74.00	-31.02	peak	V
2839.653	1.56	31.87	33.43	54.00	-20.57	AVG	V



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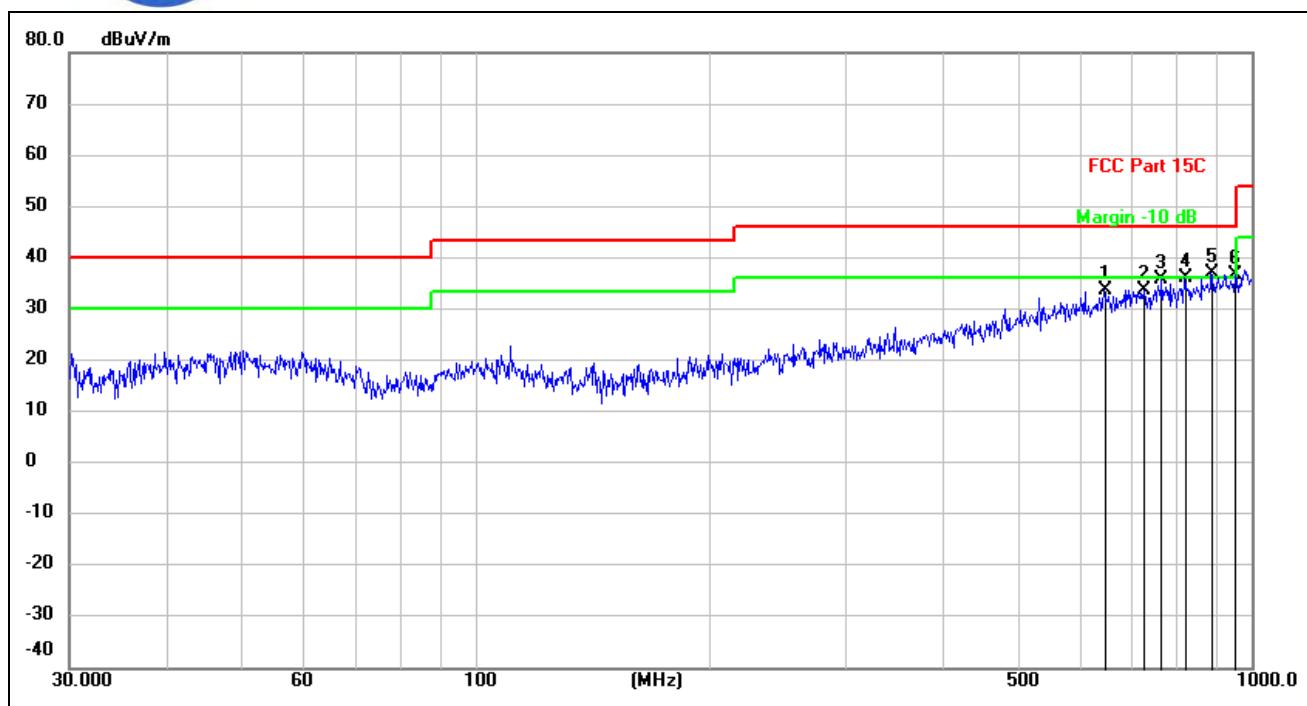


(802.11b _2412MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4815.000	59.00	-3.28	55.72	74.00	-18.28	peak	V
4815.000	46.98	-3.28	43.70	54.00	-10.30	AVG	V
7230.000	41.97	-0.36	41.61	74.00	-32.39	peak	V
7230.000	30.84	-0.36	30.48	54.00	-23.52	AVG	V
9285.000	41.18	2.12	43.30	74.00	-30.70	peak	V
9285.000	31.32	2.12	33.44	54.00	-20.56	AVG	V
12015.000	40.06	4.62	44.68	74.00	-29.32	peak	V
12015.000	30.23	4.62	34.85	54.00	-19.15	AVG	V
15765.000	36.31	10.61	46.92	74.00	-27.08	peak	V
15765.000	25.75	10.61	36.36	54.00	-17.64	AVG	V
17715.000	32.77	14.60	47.37	74.00	-26.63	peak	V
17715.000	22.01	14.60	36.61	54.00	-17.39	AVG	V

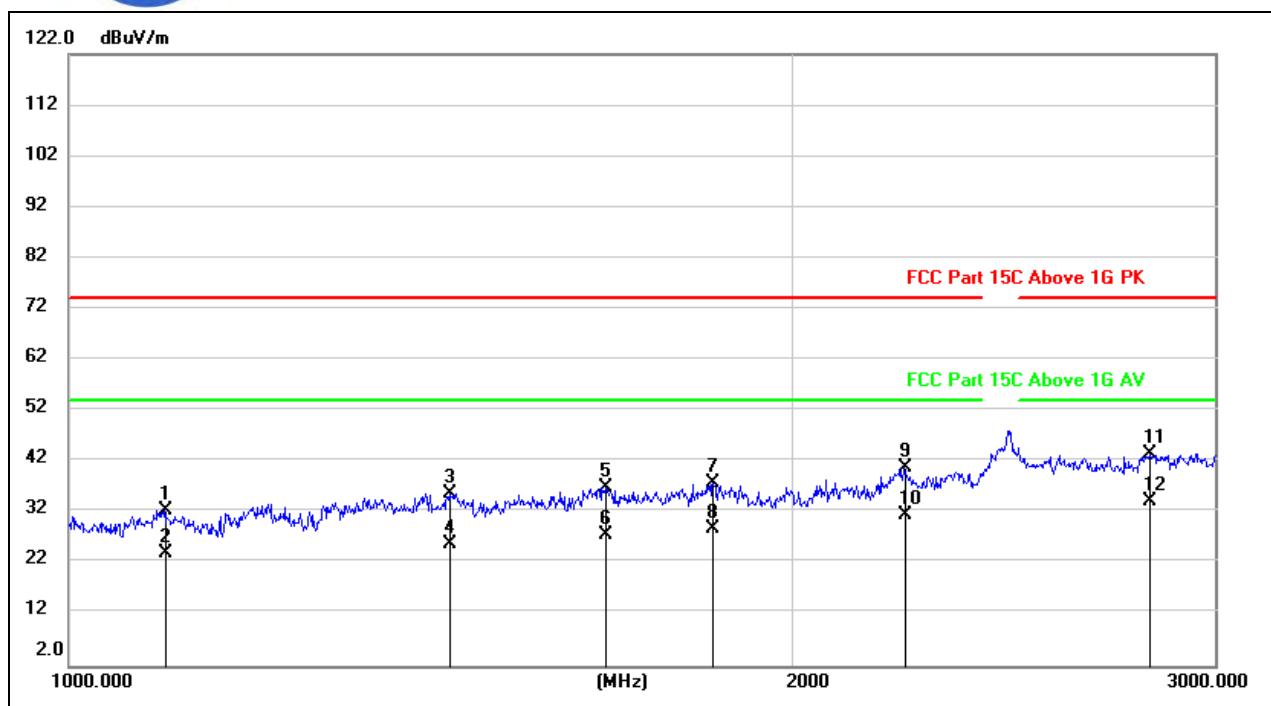


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(802.11b _2437MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
645.1195	9.36	24.32	33.68	46.00	-12.32	peak	H
726.8052	8.63	25.19	33.82	46.00	-12.18	peak	H
766.0572	9.63	26.21	35.84	46.00	-10.16	peak	H
818.8341	10.03	26.19	36.22	46.00	-9.78	peak	H
887.6099	9.38	27.80	37.18	46.00	-8.82	peak	H
952.0937	8.38	28.32	36.70	46.00	-9.30	peak	H

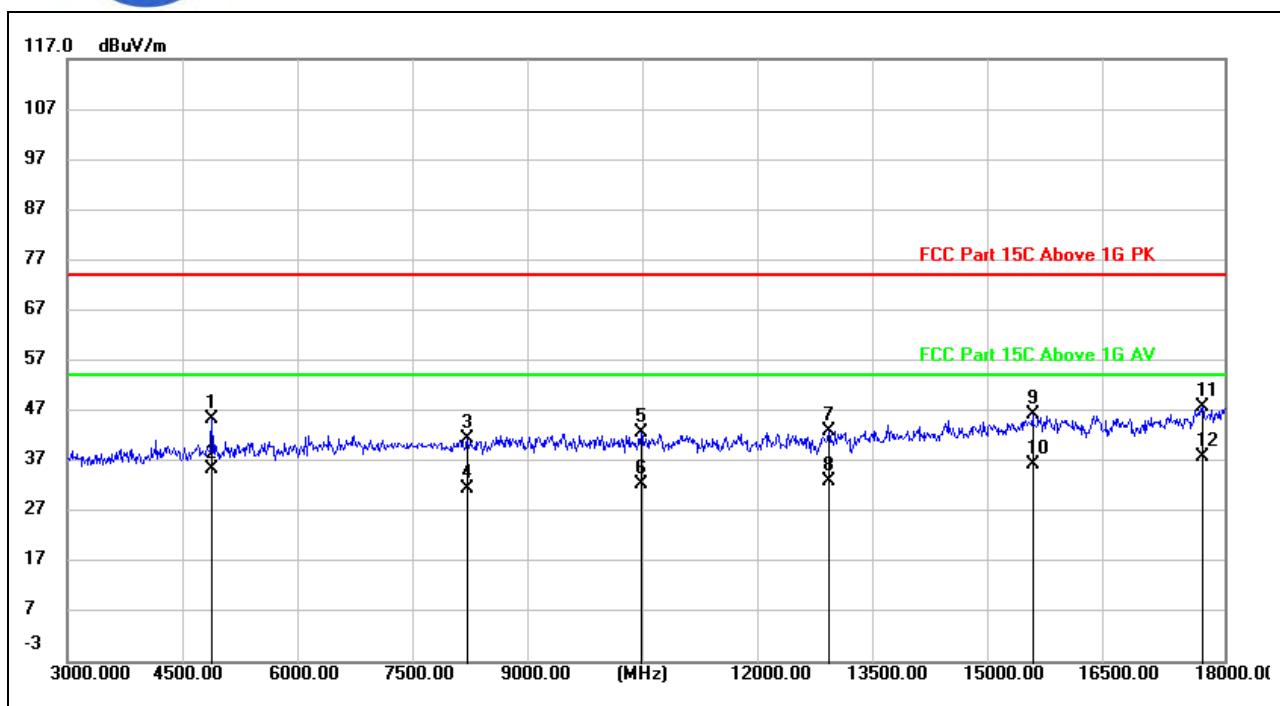


(802.11b _2437MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1095.472	9.58	22.87	32.45	74.00	-41.55	peak	H
1095.472	1.06	22.87	23.93	54.00	-30.07	AVG	H
1440.139	11.55	24.32	35.87	74.00	-38.13	peak	H
1440.139	1.43	24.32	25.75	54.00	-28.25	AVG	H
1674.055	11.28	25.75	37.03	74.00	-36.97	peak	H
1674.055	1.90	25.75	27.65	54.00	-26.35	AVG	H
1854.138	10.76	27.23	37.99	74.00	-36.01	peak	H
1854.138	1.76	27.23	28.99	54.00	-25.01	AVG	H
2227.519	11.70	29.29	40.99	74.00	-33.01	peak	H
2227.519	2.35	29.29	31.64	54.00	-22.36	AVG	H
2817.898	11.55	32.04	43.59	74.00	-30.41	peak	H
2817.898	2.28	32.04	34.32	54.00	-19.68	AVG	H



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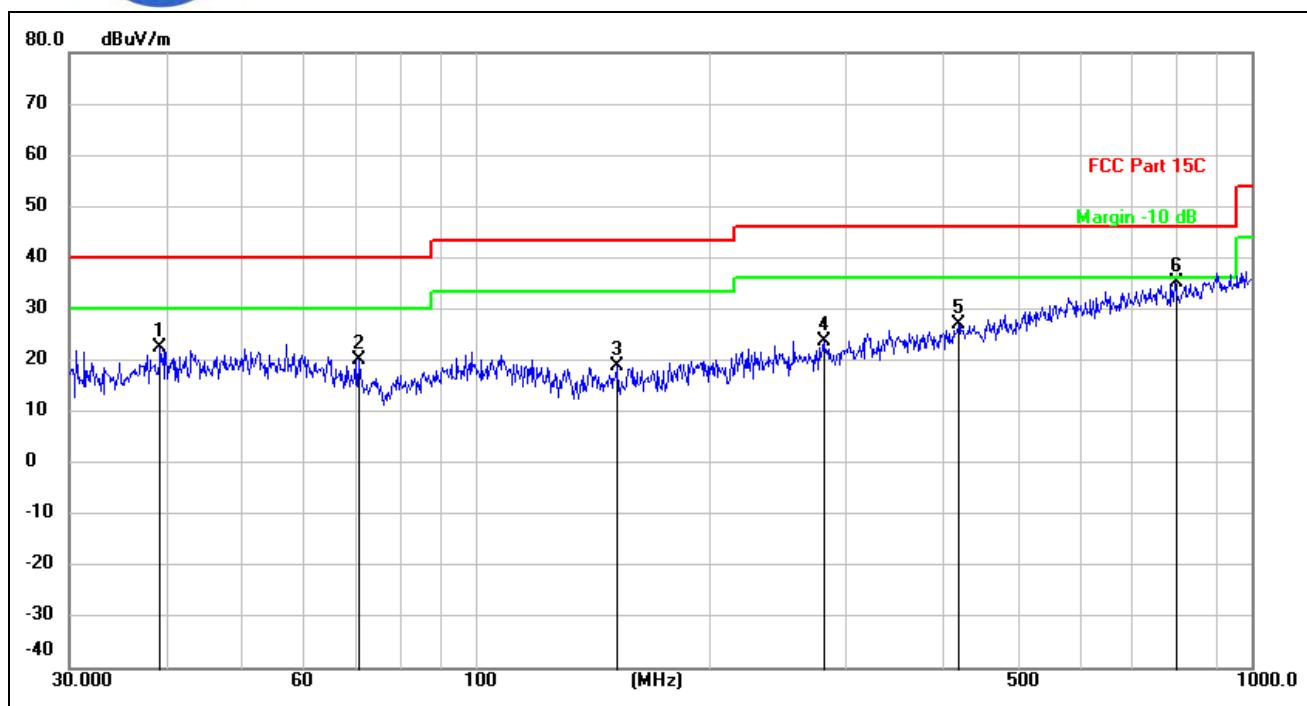


(802.11b _2437MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dB _B U _V)	Factor (dB/m)	Level (dB _B U _V /m)	Limit (dB _B U _V /m)	Margin (dB)	Det.	Pol
4875.000	48.27	-2.86	45.41	74.00	-28.59	peak	H
4875.000	38.27	-2.86	34.18	54.00	-19.82	AVG	H
8190.000	40.85	0.72	41.57	74.00	-32.43	peak	H
8190.000	30.85	0.72	30.31	54.00	-23.69	AVG	H
10440.000	39.79	2.76	42.55	74.00	-31.45	peak	H
10440.000	29.79	2.76	31.81	54.00	-22.19	AVG	H
12870.000	38.02	4.96	42.98	74.00	-31.02	peak	H
12870.000	28.02	4.96	32.83	54.00	-21.17	AVG	H
15510.000	35.02	11.27	46.29	74.00	-27.71	peak	H
15510.000	25.02	11.27	36.55	54.00	-17.45	AVG	H
17715.000	33.22	14.60	47.82	74.00	-26.18	peak	H
17715.000	23.22	14.60	37.34	54.00	-16.66	AVG	H



REPORT No. : XM19030031W01

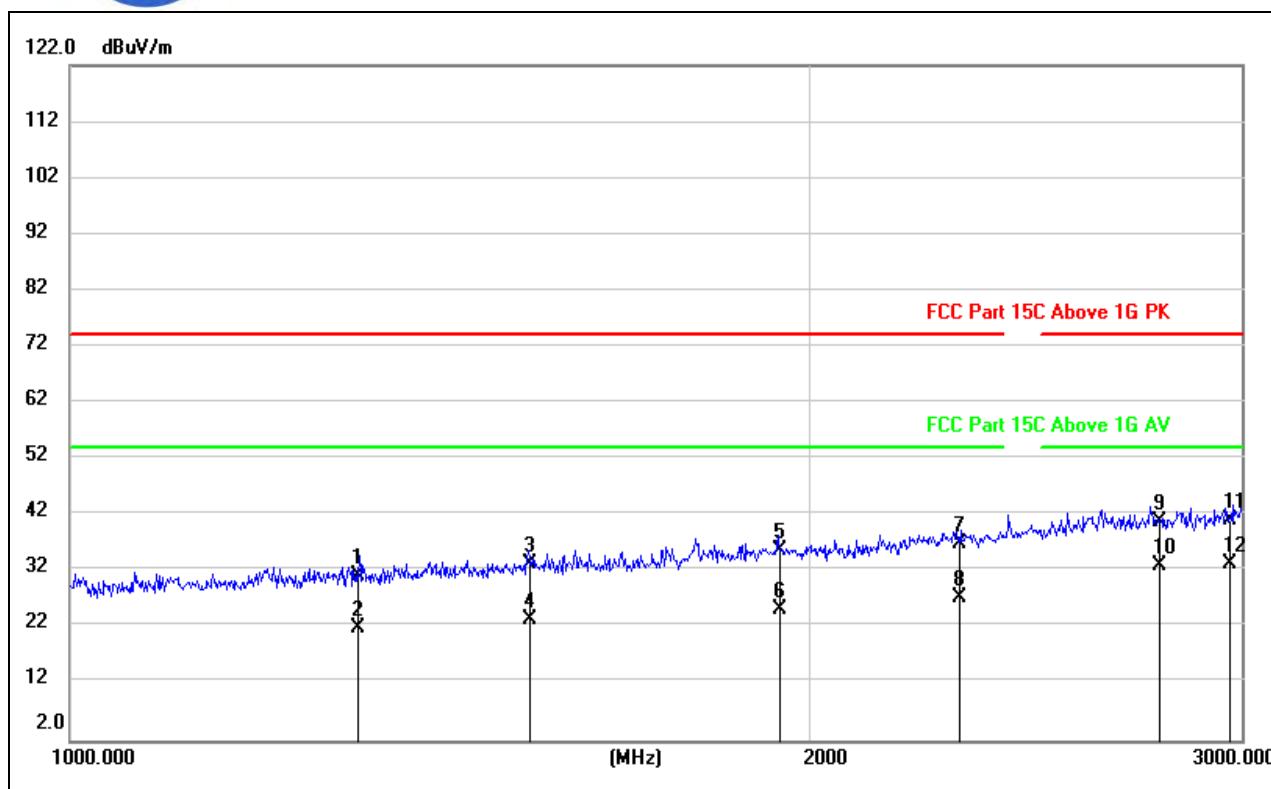


(802.11b _2437MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
39.2991	7.96	14.64	22.60	40.00	-17.40	peak	V
70.8315	8.75	11.46	20.21	40.00	-19.79	peak	V
152.1297	7.73	11.14	18.87	43.50	-24.63	peak	V
281.0075	7.29	16.58	23.87	46.00	-22.13	peak	V
419.1081	6.86	20.16	27.02	46.00	-18.98	peak	V
796.1830	8.94	26.18	35.12	46.00	-10.88	peak	V



REPORT No. : XM19030031W01

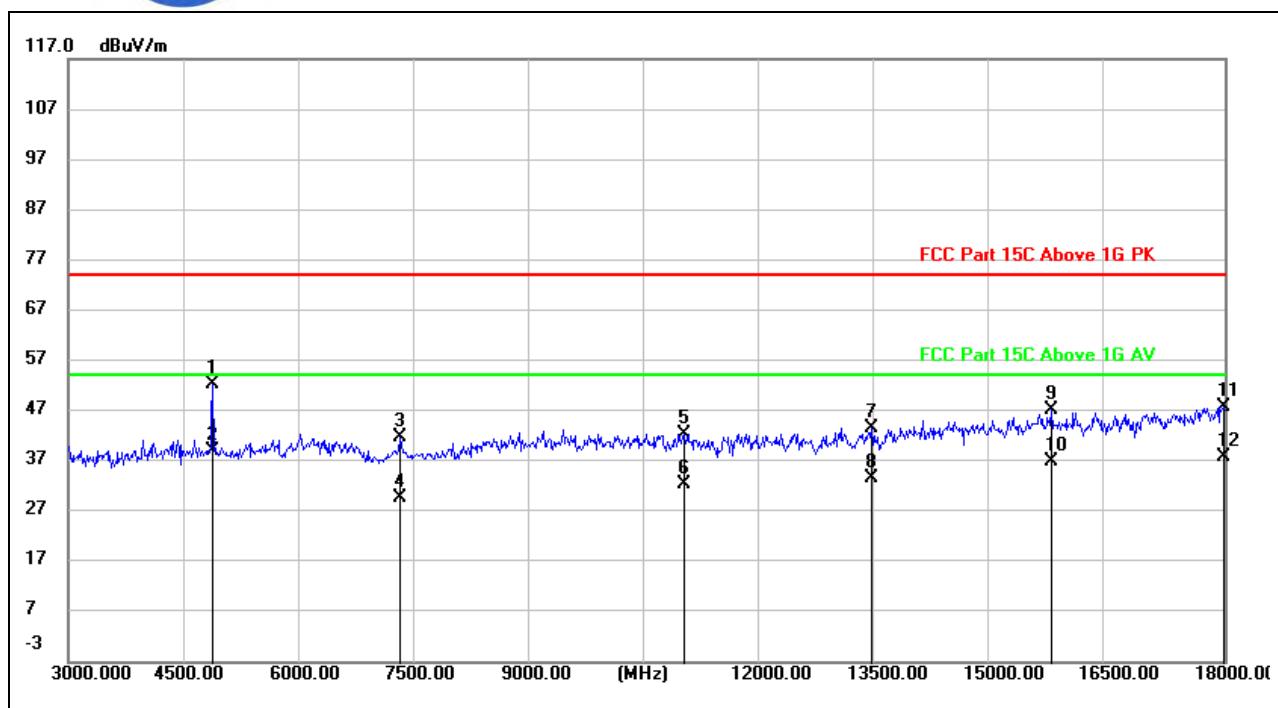


(802.11b _2437MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1308.865	7.27	23.97	31.24	74.00	-42.76	peak	V
1308.865	-2.11	23.97	21.86	54.00	-32.14	Avg	V
1539.957	7.76	25.57	33.33	74.00	-40.67	peak	V
1539.957	-2.03	25.57	23.54	54.00	-30.46	Avg	V
1945.967	8.73	27.07	35.80	74.00	-38.20	peak	V
1945.967	-1.67	27.07	25.40	54.00	-28.60	Avg	V
2302.157	7.15	29.79	36.94	74.00	-37.06	peak	V
2302.157	-2.39	29.79	27.40	54.00	-26.60	Avg	V
2777.939	9.10	31.88	40.98	74.00	-33.02	peak	V
2777.939	1.17	31.88	33.05	74.00	-40.95	peak	V
2963.964	9.13	32.06	41.19	74.00	-32.81	peak	V
2963.964	1.20	32.06	33.26	54.00	-20.74	Avg	V



REPORT No. : XM19030031W01

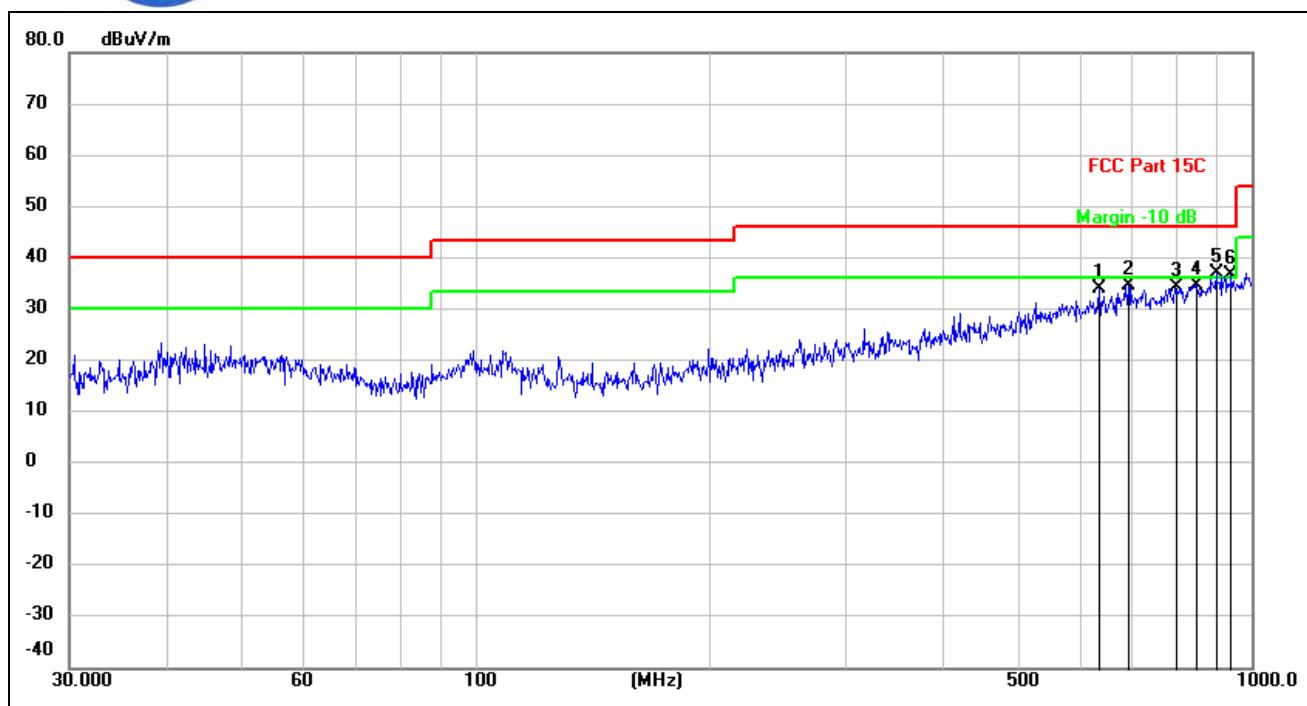


(802.11b _2437MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4875.000	55.06	-2.86	52.20	74.00	-21.80	peak	V
4875.000	42.06	-2.86	40.63	54.00	-13.37	AVG	V
7305.000	41.93	-0.26	41.67	74.00	-32.33	peak	V
7305.000	29.93	-0.26	29.81	54.00	-24.19	AVG	V
10995.000	39.30	3.22	42.52	74.00	-31.48	peak	V
10995.000	29.30	3.22	32.37	54.00	-21.63	AVG	V
13425.000	37.30	6.39	43.69	74.00	-30.31	peak	V
13425.000	27.30	6.39	32.37	54.00	-21.63	AVG	V
15750.000	36.12	10.94	47.06	74.00	-26.94	peak	V
15750.000	26.12	10.94	36.70	54.00	-17.30	AVG	V
17985.000	32.09	15.85	47.94	74.00	-26.06	peak	V
17985.000	22.09	15.85	37.50	54.00	-16.50	AVG	V



REPORT No. : XM19030031W01

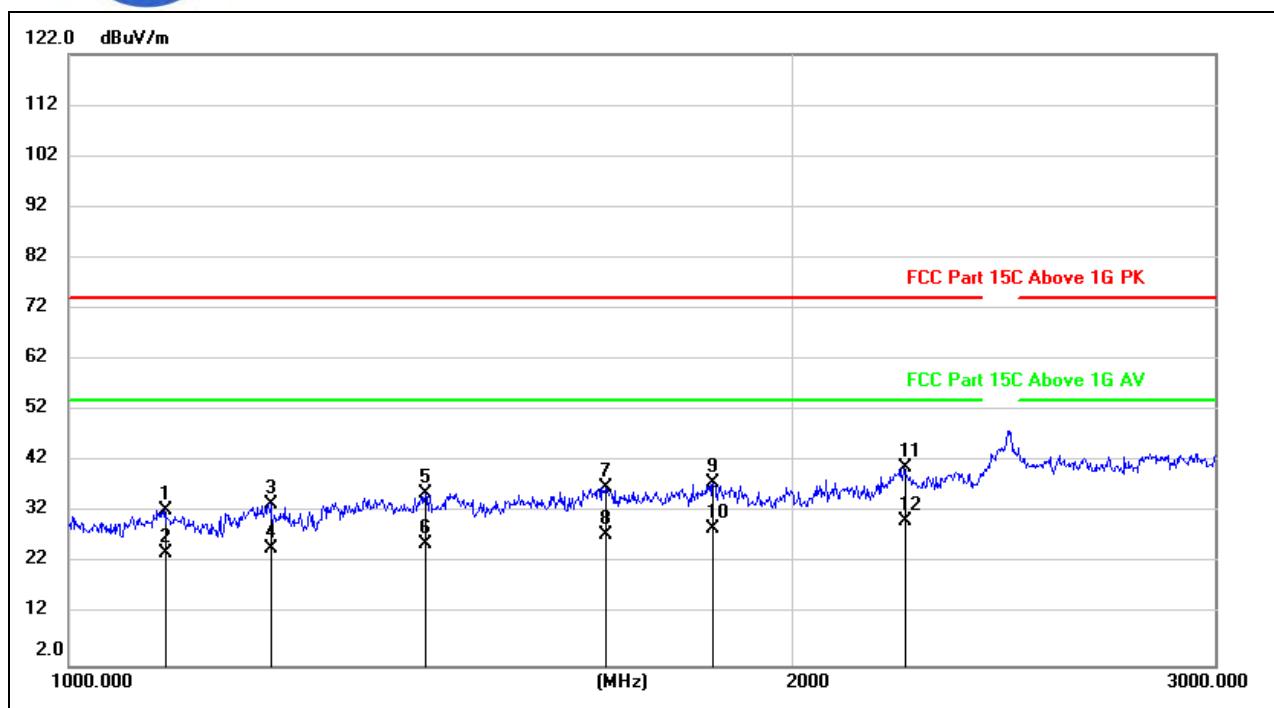


(802.11b _2462MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
636.1340	10.00	23.99	33.99	46.00	-12.01	peak	H
694.4174	9.65	24.86	34.51	46.00	-11.49	peak	H
796.1830	8.12	26.18	34.30	46.00	-11.70	peak	H
848.0563	7.93	26.84	34.77	46.00	-11.23	peak	H
900.1474	8.94	28.06	37.00	46.00	-9.00	peak	H
942.1305	8.36	28.40	36.76	46.00	-9.24	peak	H



REPORT No. : XM19030031W01

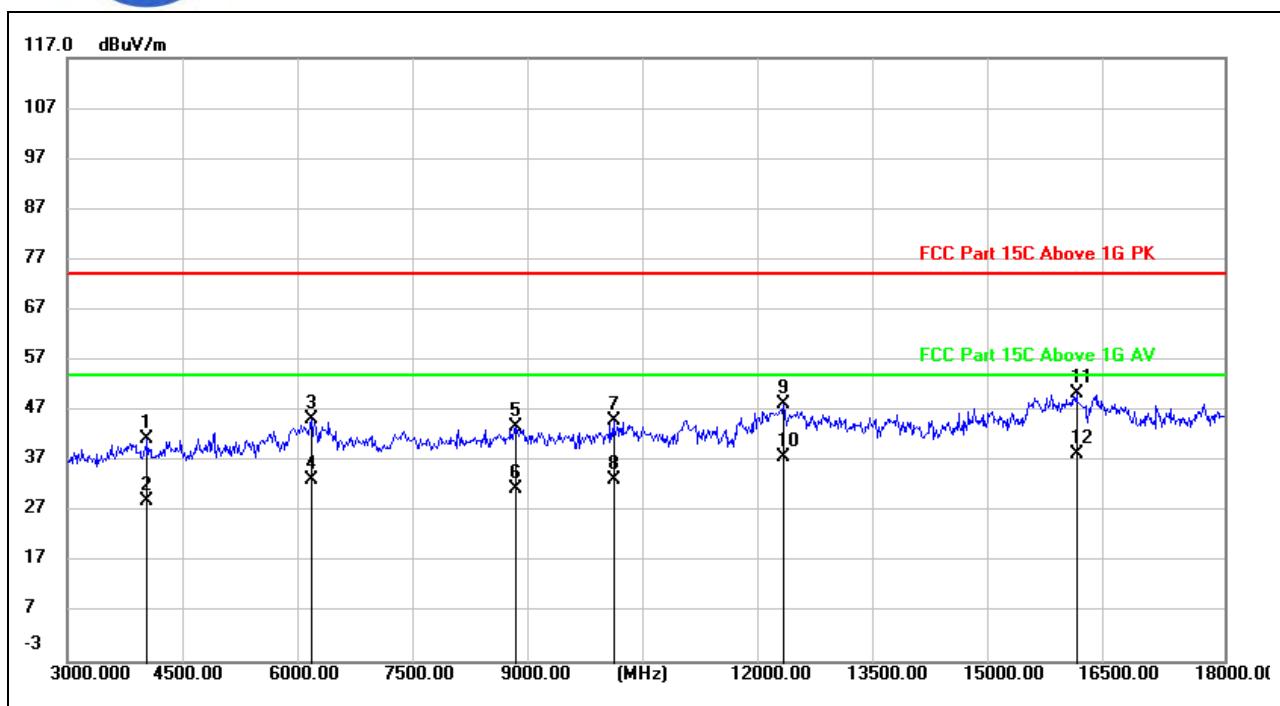


(802.11b _2462MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1095.472	9.58	22.87	32.45	74.00	-41.55	peak	H
1095.472	1.11	22.87	23.98	54.00	-30.02	AVG	H
1213.314	10.26	23.53	33.79	74.00	-40.21	peak	H
1213.314	1.32	23.53	24.85	54.00	-29.15	AVG	H
1407.293	11.03	24.63	35.66	74.00	-38.34	peak	H
1407.293	1.09	24.63	25.72	54.00	-28.28	AVG	H
1674.055	11.28	25.75	37.03	74.00	-36.97	peak	H
1674.055	1.77	25.75	27.52	54.00	-26.48	AVG	H
1854.138	10.76	27.23	37.99	74.00	-36.01	peak	H
1854.138	1.60	27.23	28.83	54.00	-25.17	AVG	H
2227.519	11.70	29.29	40.99	74.00	-33.01	peak	H
2227.519	1.09	29.29	30.38	54.00	-23.62	AVG	H



REPORT No. : XM19030031W01

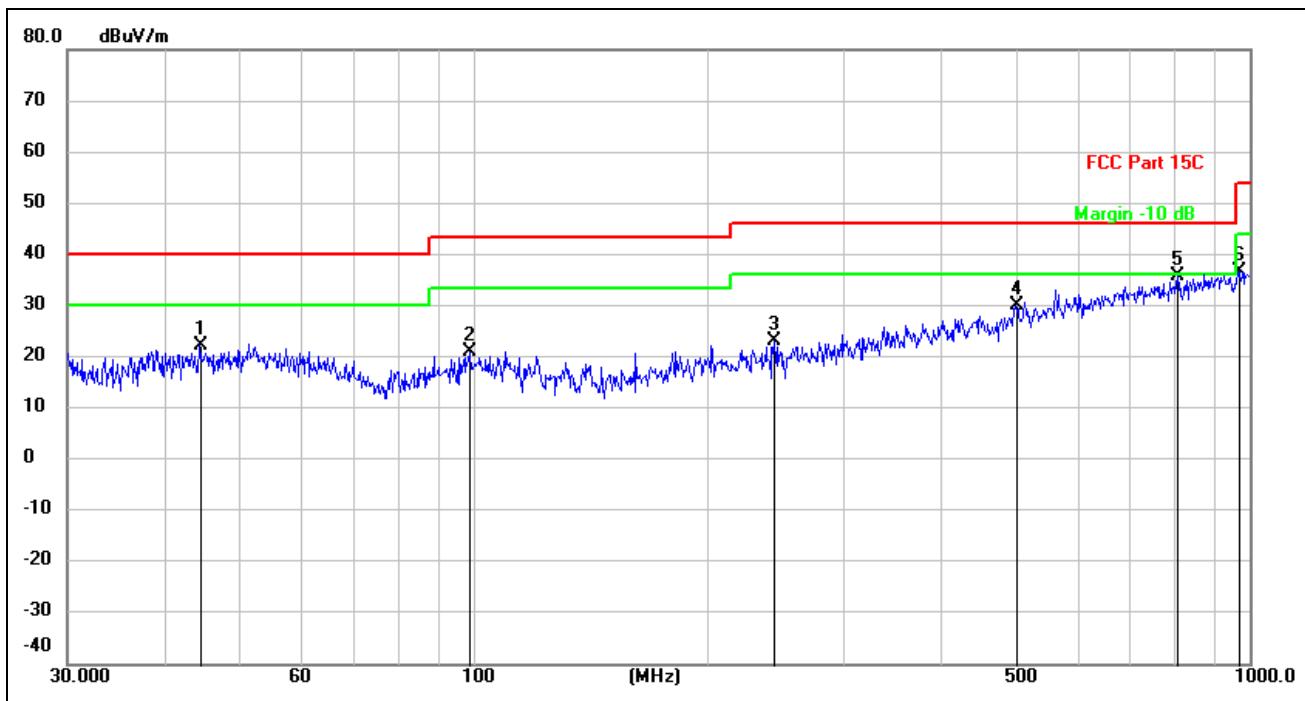


(802.11b _2462MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4035.000	46.13	-4.88	41.25	74.00	-32.75	peak	H
4035.000	34.01	-4.88	29.13	54.00	-24.87	Avg	H
6165.000	46.95	-1.69	45.26	74.00	-28.74	peak	H
6165.000	34.79	-1.69	33.10	54.00	-20.90	Avg	H
8805.000	6.39	37.23	43.62	74.00	-30.38	peak	H
8805.000	-5.70	37.23	31.53	54.00	-22.47	Avg	H
10080.000	7.69	37.37	45.06	74.00	-28.94	peak	H
10080.000	-4.24	37.37	33.13	54.00	-20.87	Avg	H
12285.000	10.40	37.84	48.24	74.00	-25.76	peak	H
12285.000	-0.01	37.84	37.83	54.00	-16.17	Avg	H
16080.000	8.45	42.03	50.48	74.00	-23.52	peak	H
16080.000	-3.62	42.03	38.41	54.00	-15.59	Avg	H



REPORT No. : XM19030031W01

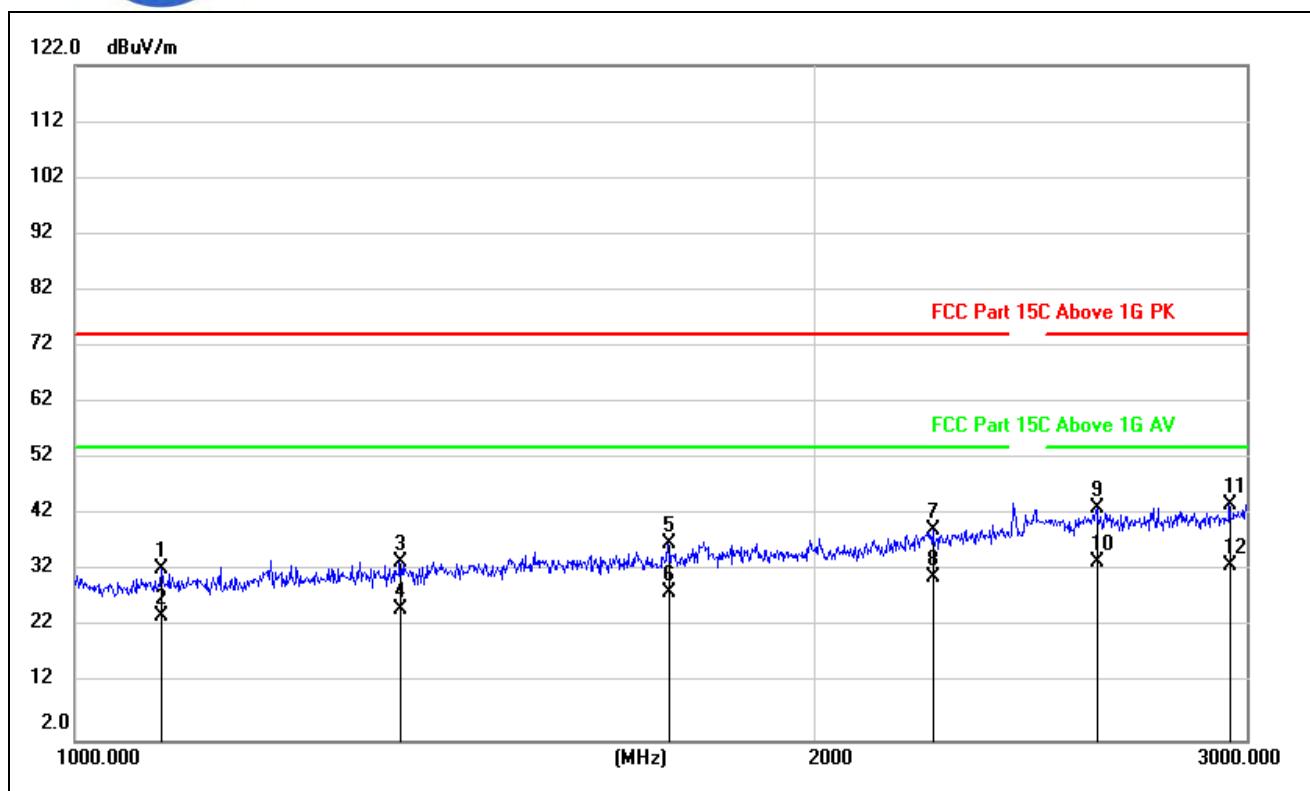


(802.11b _2462MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
44.4308	6.98	15.32	22.30	40.00	-17.70	peak	V
98.8326	6.95	14.23	21.18	43.50	-22.32	peak	V
244.2321	8.19	14.87	23.06	46.00	-22.94	peak	V
499.4247	8.21	21.89	30.10	46.00	-15.90	peak	V
807.4291	9.74	26.20	35.94	46.00	-10.06	peak	V
968.9338	8.44	28.30	36.74	54.00	-17.26	peak	V



REPORT No. : XM19030031W01

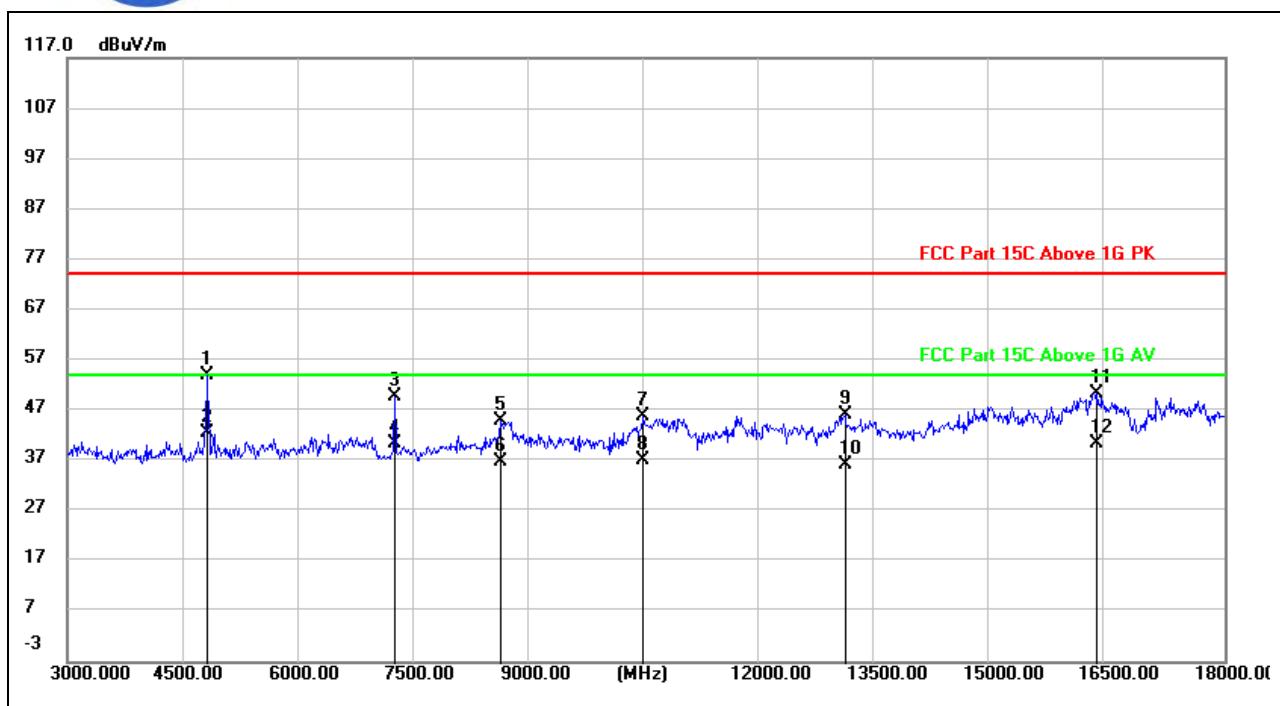


(802.11b _2462MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1084.693	9.68	22.86	32.54	74.00	-41.46	peak	V
1084.693	1.14	22.86	24.00	54.00	-30.00	Avg	V
1355.697	9.91	23.89	33.80	74.00	-40.20	peak	V
1355.697	1.47	23.89	25.36	54.00	-28.64	Avg	V
1743.506	10.77	26.23	37.00	74.00	-37.00	peak	V
1743.506	1.89	26.23	28.12	54.00	-25.88	Avg	V
2234.872	9.92	29.33	39.25	74.00	-34.75	peak	V
2234.872	1.57	29.33	30.90	54.00	-23.10	Avg	V
2606.452	10.50	32.64	43.14	74.00	-30.86	peak	V
2606.452	0.98	32.64	33.62	54.00	-20.38	Avg	V
2950.968	11.75	32.05	43.80	74.00	-30.20	peak	V
2950.968	1.00	32.05	33.05	54.00	-20.95	Avg	V



REPORT No. : XM19030031W01

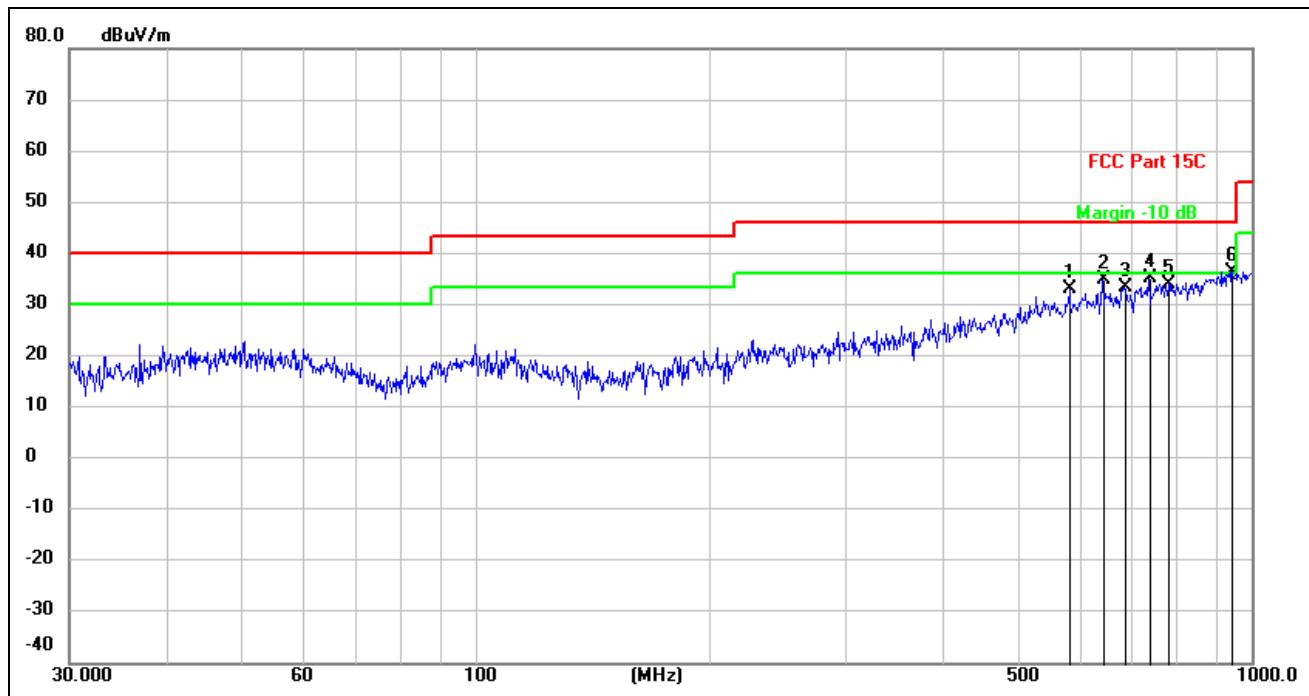


(802.11b _2462MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBmV)	Factor (dB/m)	Level (dBmV/m)	Limit (dBmV/m)	Margin (dB)	Det.	Pol
4925.000	57.13	-3.28	53.85	74.00	-20.15	peak	V
4925.000	45.90	-3.28	42.62	54.00	-11.38	AVG	V
7385.000	14.00	35.76	49.76	74.00	-24.24	peak	V
7385.000	4.58	35.76	40.34	54.00	-13.66	AVG	V
8610.000	8.15	36.87	45.02	74.00	-28.98	peak	V
8610.000	0.09	36.87	36.96	54.00	-17.04	AVG	V
10470.000	8.08	37.68	45.76	74.00	-28.24	peak	V
10470.000	-0.66	37.68	37.02	54.00	-16.98	AVG	V
13080.000	7.31	38.84	46.15	74.00	-27.85	peak	V
13080.000	-2.45	38.84	36.39	54.00	-17.61	AVG	V
16350.000	8.88	41.64	50.52	74.00	-23.48	peak	V
16350.000	-1.14	41.64	40.50	54.00	-13.50	AVG	V



REPORT No. : XM19030031W01

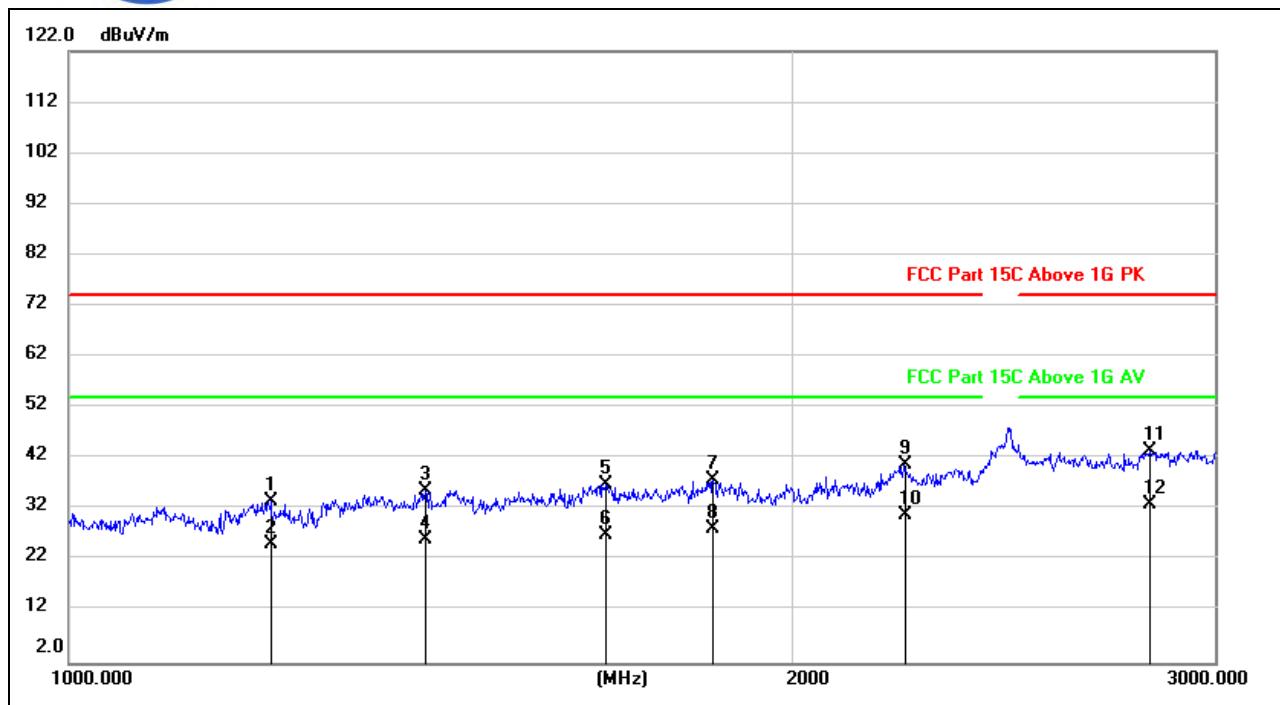


(802.11g _2412MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
582.7425	9.96	23.06	33.02	46.00	-12.98	peak	H
642.8613	10.61	24.25	34.86	46.00	-11.14	peak	H
684.7454	8.81	24.68	33.49	46.00	-12.51	peak	H
737.0714	9.45	25.73	35.18	46.00	-10.82	peak	H
782.3453	8.02	26.00	34.02	46.00	-11.98	peak	H
945.4399	8.17	28.38	36.55	46.00	-9.45	peak	H



REPORT No. : XM19030031W01

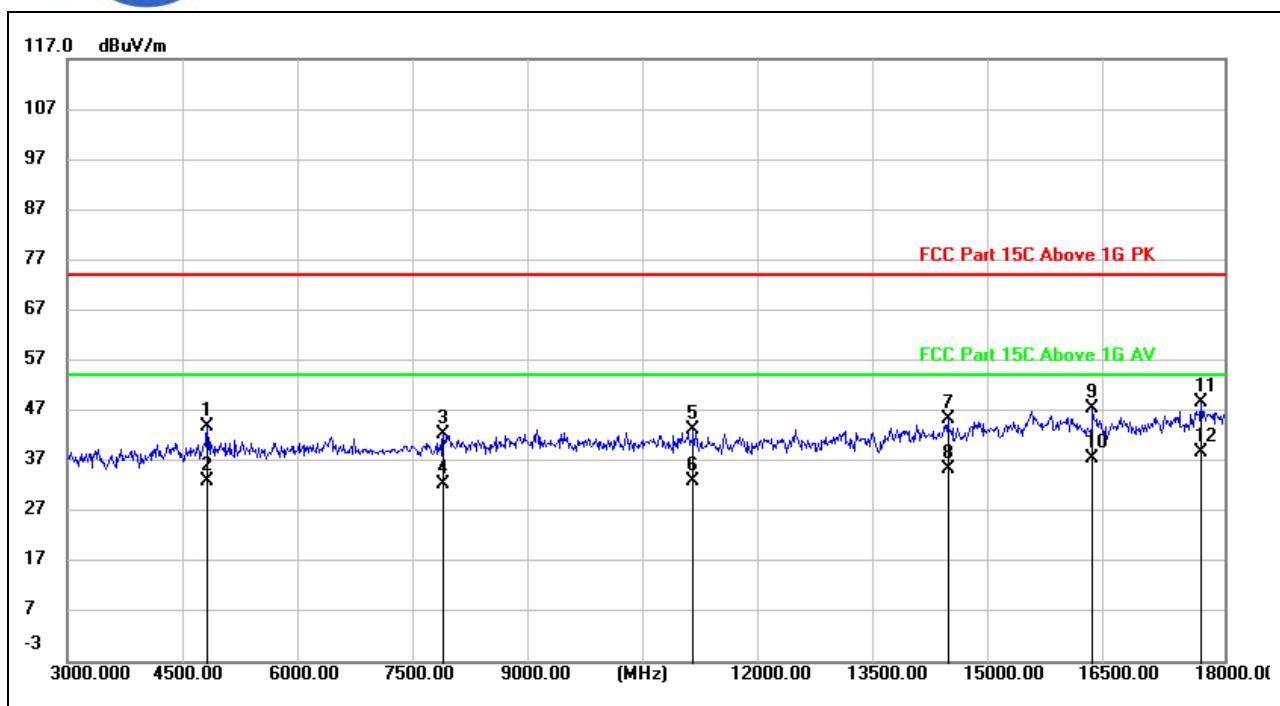


(802.11g _2412MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1213.314	10.26	23.53	33.79	74.00	-40.21	peak	H
1213.314	1.72	23.53	25.25	54.00	-28.75	AVG	H
1407.293	11.03	24.63	35.66	74.00	-38.34	peak	H
1407.293	1.64	24.63	26.27	54.00	-27.73	AVG	H
1674.055	11.28	25.75	37.03	74.00	-36.97	peak	H
1674.055	1.21	25.75	26.96	54.00	-27.04	AVG	H
1854.138	10.76	27.23	37.99	74.00	-36.01	peak	H
1854.138	1.09	27.23	28.32	54.00	-25.68	AVG	H
2227.519	11.70	29.29	40.99	74.00	-33.01	peak	H
2227.519	1.55	29.29	30.84	54.00	-23.16	AVG	H
2817.898	11.55	32.04	43.59	74.00	-30.41	peak	H
2817.898	1.07	32.04	33.11	54.00	-20.89	AVG	H



REPORT No. : XM19030031W01

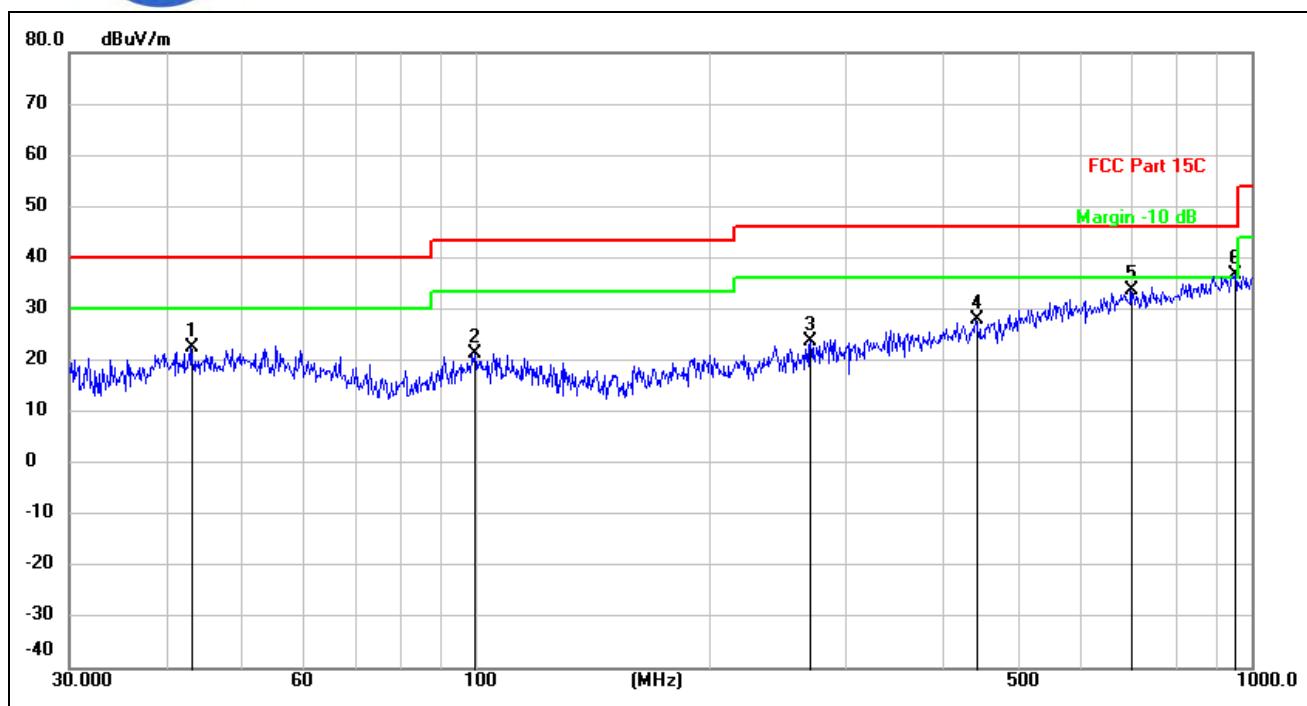


(802.11g _2412MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4815.000	47.30	-3.28	44.02	74.00	-29.98	peak	H
4815.000	36.30	-3.28	33.02	54.00	-20.98	AVG	H
7875.000	42.09	0.28	42.37	74.00	-31.63	peak	H
7875.000	32.09	0.28	32.37	54.00	-21.63	AVG	H
11115.000	39.97	3.20	43.17	74.00	-30.83	peak	H
11115.000	29.97	3.20	33.17	54.00	-20.83	AVG	H
14415.000	36.08	9.30	45.38	74.00	-28.62	peak	H
14415.000	26.08	9.30	35.38	54.00	-18.62	AVG	H
16290.000	36.28	11.31	47.59	74.00	-26.41	peak	H
16290.000	26.28	11.31	37.59	54.00	-16.41	AVG	H
17700.000	34.40	14.28	48.68	74.00	-25.32	peak	H
17700.000	24.40	14.28	38.68	54.00	-15.32	AVG	H



REPORT No. : XM19030031W01

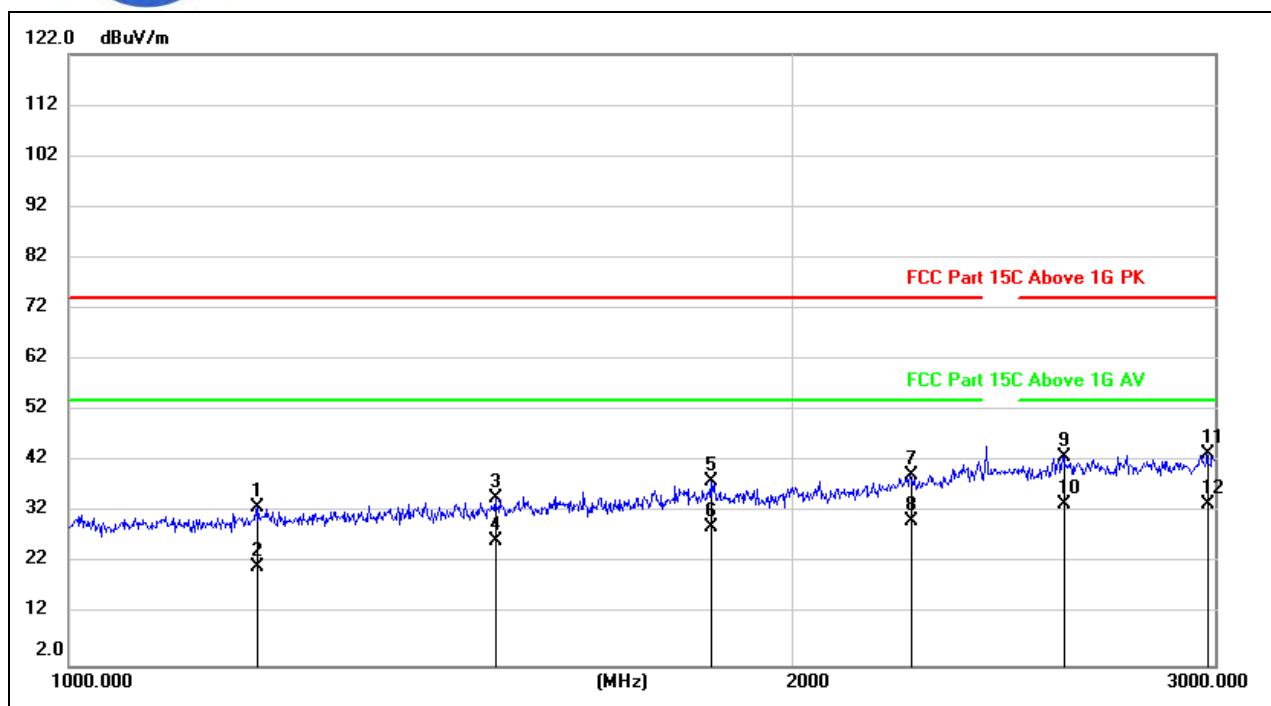


(802.11g _2412MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dB _{uV})	Factor (dB/m)	Level (dB _{uV/m})	Limit (dB _{uV/m})	Margin (dB)	Det.	Pol
43.0505	7.25	15.24	22.49	40.00	-17.51	peak	V
99.8777	6.30	15.09	21.39	43.50	-22.11	peak	V
270.3748	8.49	15.31	23.80	46.00	-22.20	peak	V
441.7426	7.69	20.34	28.03	46.00	-17.97	peak	V
699.3046	8.80	24.89	33.69	46.00	-12.31	peak	V
952.0937	8.48	28.32	36.80	46.00	-9.20	peak	V



REPORT No. : XM19030031W01

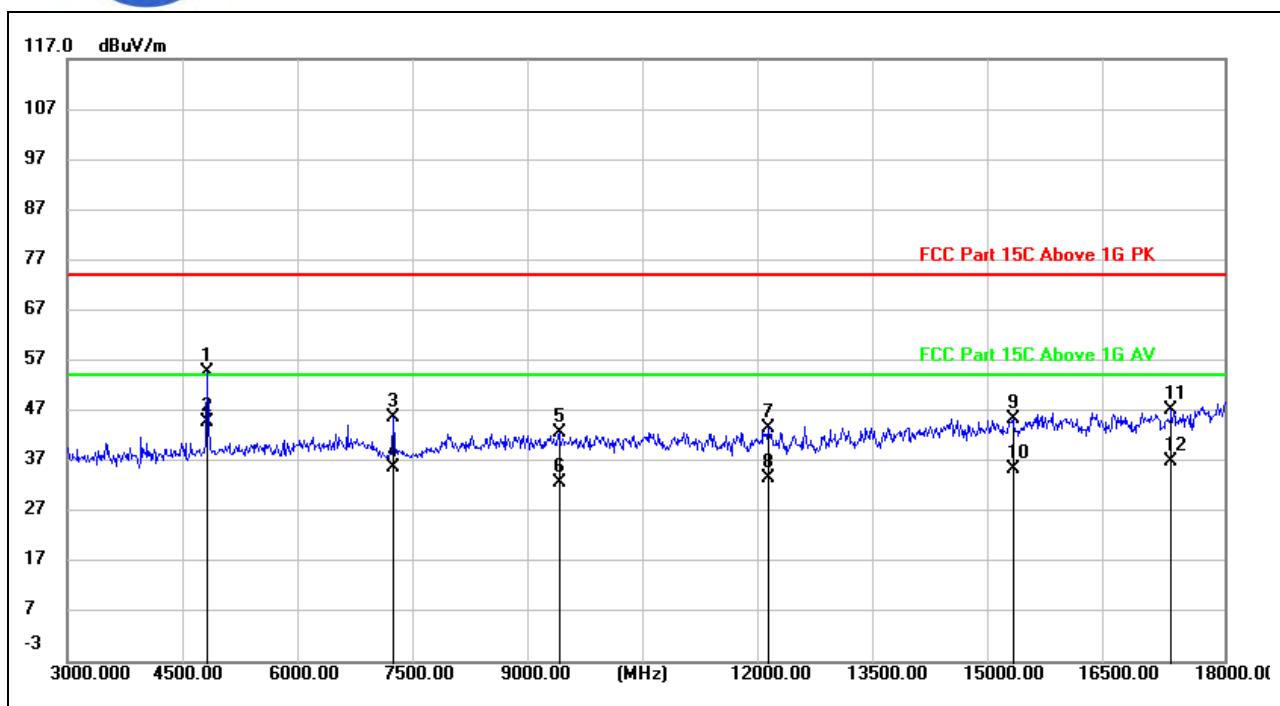


(802.11g _2412MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1198.740	8.84	24.11	32.95	74.00	-41.05	peak	V
1198.740	-2.76	24.11	21.35	54.00	-32.65	Avg	V
1504.836	9.81	25.15	34.96	74.00	-39.04	peak	V
1504.836	1.30	25.15	26.45	54.00	-27.55	Avg	V
1850.069	10.98	27.21	38.19	74.00	-35.81	peak	V
1850.069	1.89	27.21	29.10	54.00	-24.90	Avg	V
2239.789	10.00	29.35	39.35	74.00	-34.65	peak	V
2239.789	1.03	29.35	30.38	54.00	-23.62	Avg	V
2595.023	10.23	32.66	42.89	74.00	-31.11	peak	V
2595.023	1.07	32.66	33.73	54.00	-20.27	Avg	V
2977.018	11.39	32.08	43.47	74.00	-30.53	peak	V
2977.018	1.46	32.08	33.54	54.00	-20.46	Avg	V



REPORT No. : XM19030031W01

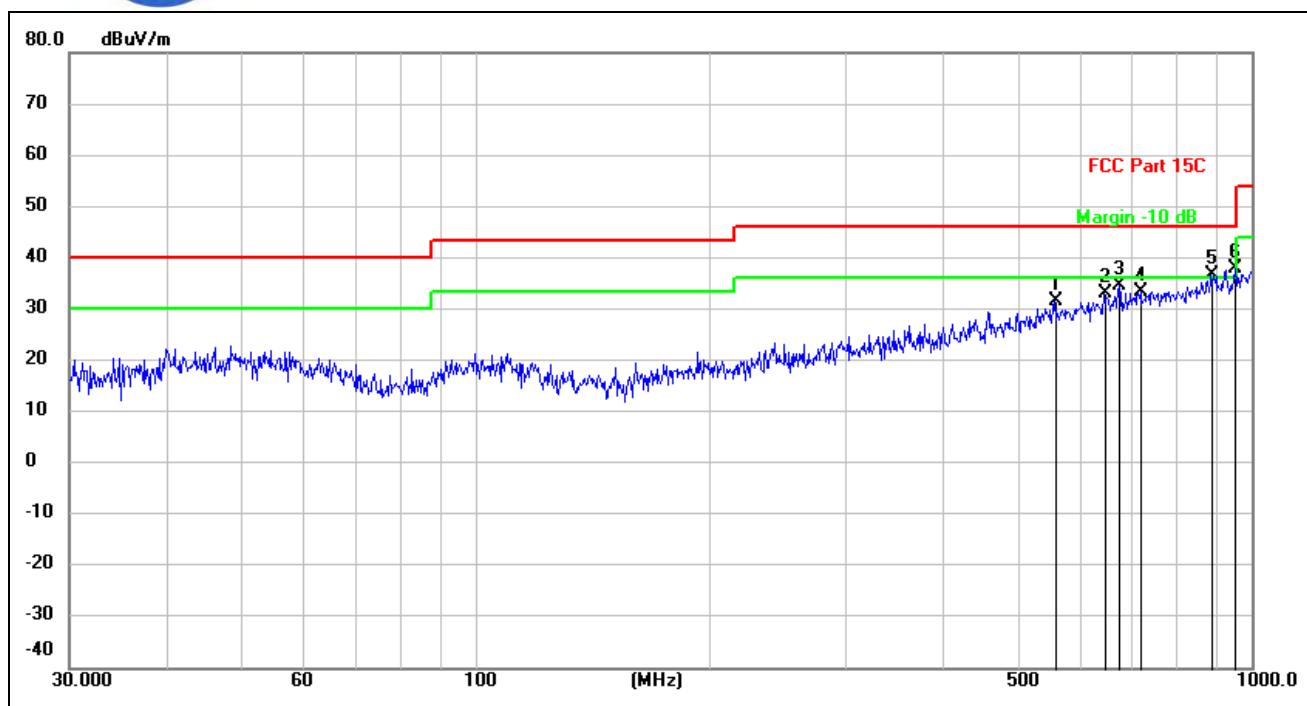


(802.11g _2412MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4815.000	58.09	-3.28	54.81	74.00	-19.19	peak	V
4815.000	47.85	-3.28	44.57	54.00	-9.43	Avg	V
7230.000	46.1	-0.36	45.74	74.00	-28.26	peak	V
7230.000	36.03	-0.36	35.67	54.00	-18.33	Avg	V
9375.000	40.81	1.94	42.75	74.00	-31.25	peak	V
9375.000	30.54	1.94	32.48	54.00	-21.52	Avg	V
12090.000	39.17	4.43	43.60	74.00	-30.40	peak	V
12090.000	28.92	4.43	33.35	54.00	-20.65	Avg	V
15255.000	35.46	9.91	45.37	74.00	-28.63	peak	V
15255.000	25.4	9.91	35.31	54.00	-18.69	Avg	V
17310.000	34.06	13.01	47.07	74.00	-26.93	peak	V
17310.000	23.18	13.01	36.19	54.00	-17.81	Avg	V



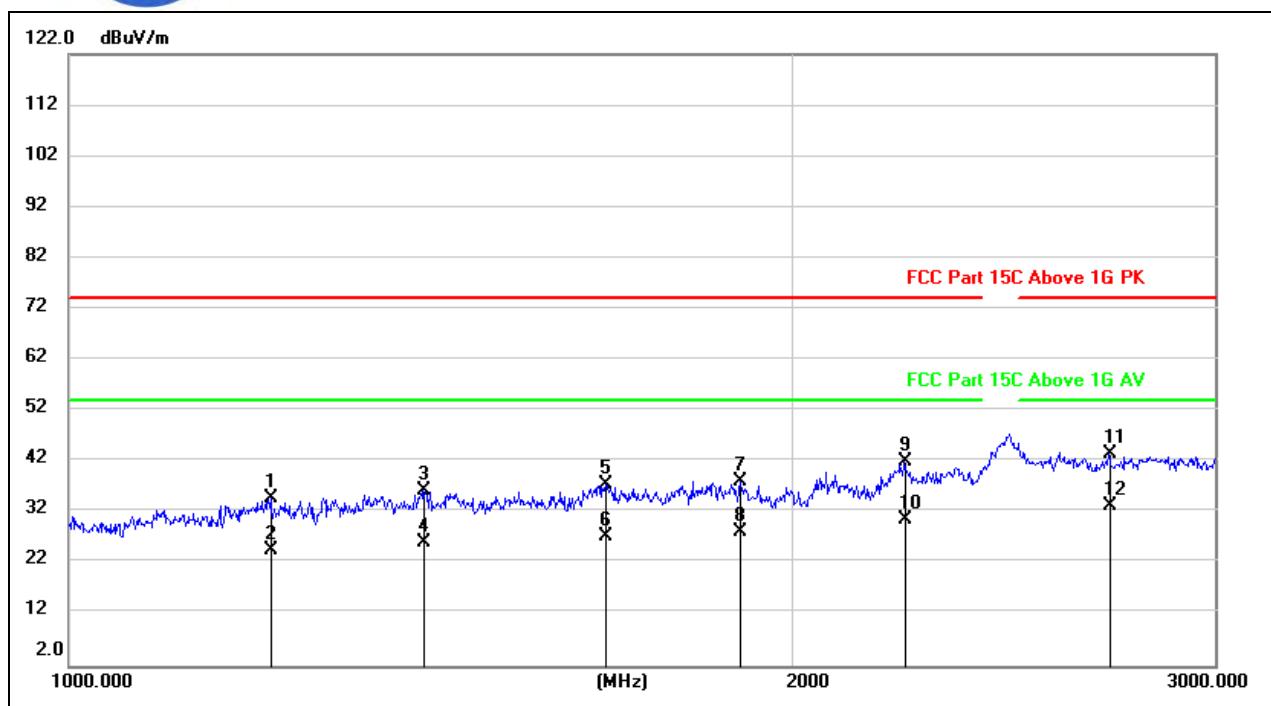
REPORT No. : XM19030031W01



Frequency (MHz)	Reading (dB _{uV})	Factor (dB/m)	Level (dB _{uV/m})	Limit (dB _{uV/m})	Margin (dB)	Det.	Pol
556.7744	8.90	22.67	31.57	46.00	-14.43	peak	H
645.1195	8.71	24.32	33.03	46.00	-12.97	peak	H
675.2080	10.05	24.63	34.68	46.00	-11.32	peak	H
719.1995	8.55	25.00	33.55	46.00	-12.45	peak	H
887.6099	8.86	27.80	36.66	46.00	-9.34	peak	H
952.0937	9.57	28.32	37.89	46.00	-8.11	peak	H



REPORT No. : XM19030031W01

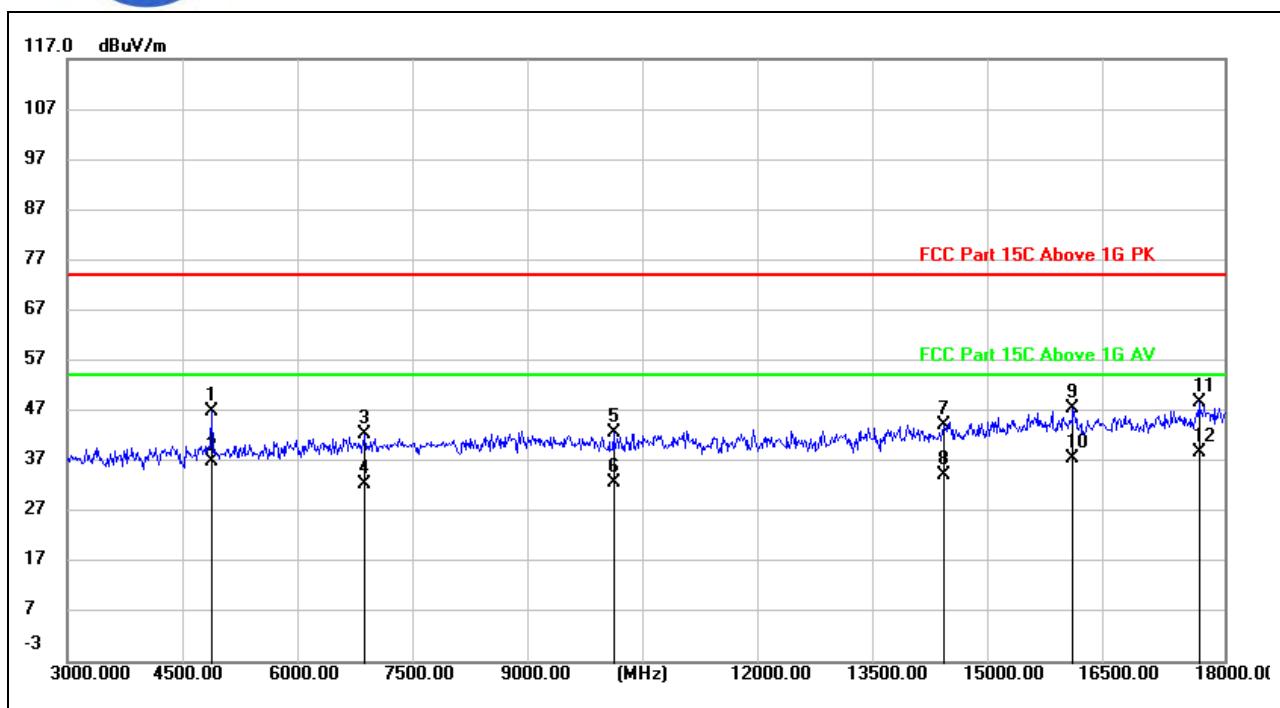


(802.11g _2437MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1213.314	11.26	23.53	34.79	74.00	-39.21	peak	H
1213.314	1.27	23.53	24.80	54.00	-29.20	AVG	H
1404.205	11.51	24.74	36.25	74.00	-37.75	peak	H
1404.205	1.40	24.74	26.14	54.00	-27.86	AVG	H
1674.055	11.78	25.75	37.53	74.00	-36.47	peak	H
1674.055	1.62	25.75	27.37	54.00	-26.63	AVG	H
1903.676	10.93	27.22	38.15	74.00	-35.85	peak	H
1903.676	1.07	27.22	28.29	54.00	-25.71	AVG	H
2227.519	12.70	29.29	41.99	74.00	-32.01	peak	H
2227.519	1.28	29.29	30.57	54.00	-23.43	AVG	H
2708.626	11.41	32.03	43.44	74.00	-30.56	peak	H
2708.626	1.37	32.03	33.40	54.00	-20.60	AVG	H



REPORT No. : XM19030031W01

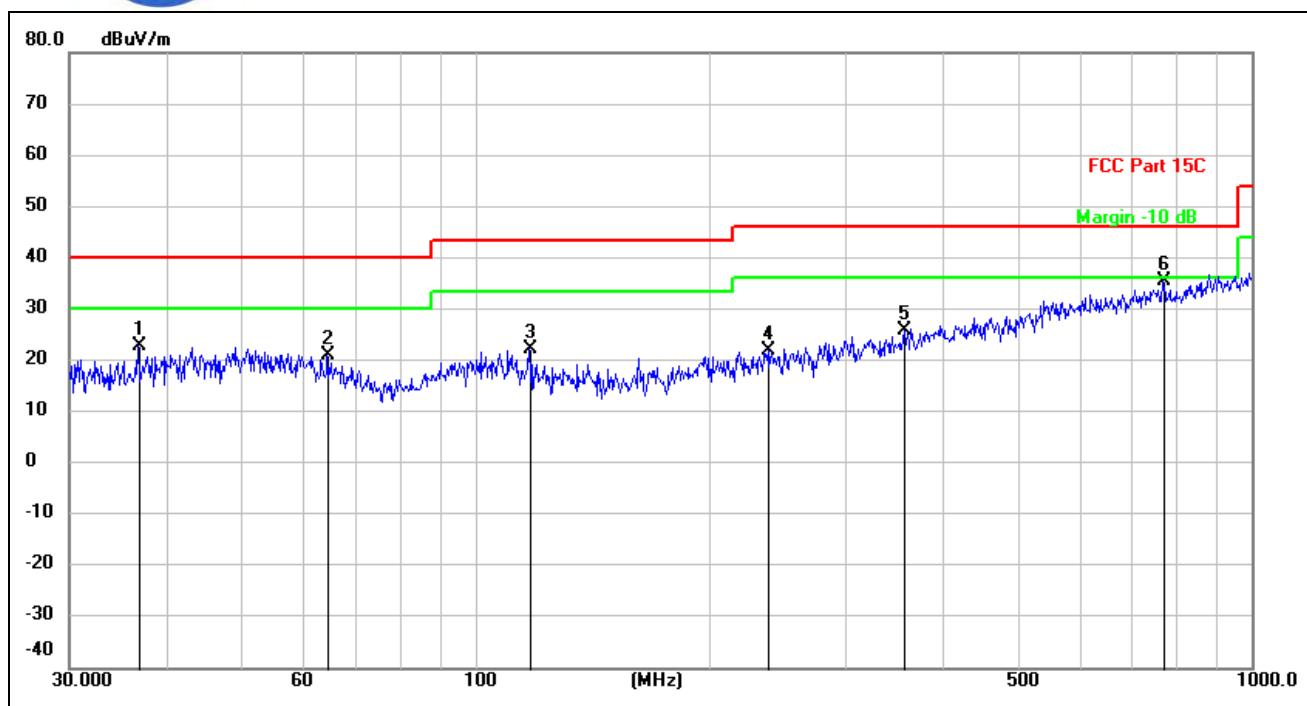


(802.11g _2437MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4875.000	49.87	-2.86	47.01	74.00	-26.99	peak	H
4875.000	39.87	-2.86	36.18	54.00	-17.82	AVG	H
6855.000	43.31	-1.01	42.30	74.00	-31.70	peak	H
6855.000	33.31	-1.01	31.55	54.00	-22.45	AVG	H
10080.000	40.39	2.25	42.64	74.00	-31.36	peak	H
10080.000	30.39	2.25	33.26	54.00	-20.74	AVG	H
14370.000	34.87	9.35	44.22	74.00	-29.78	peak	H
14370.000	24.87	9.35	32.80	54.00	-21.20	AVG	H
16035.000	35.83	11.80	47.63	74.00	-26.37	peak	H
16035.000	25.83	11.80	35.79	54.00	-18.21	AVG	H
17670.000	34.78	13.85	48.63	74.00	-25.37	peak	H
17670.000	24.78	13.85	37.27	54.00	-16.73	AVG	H



REPORT No. : XM19030031W01

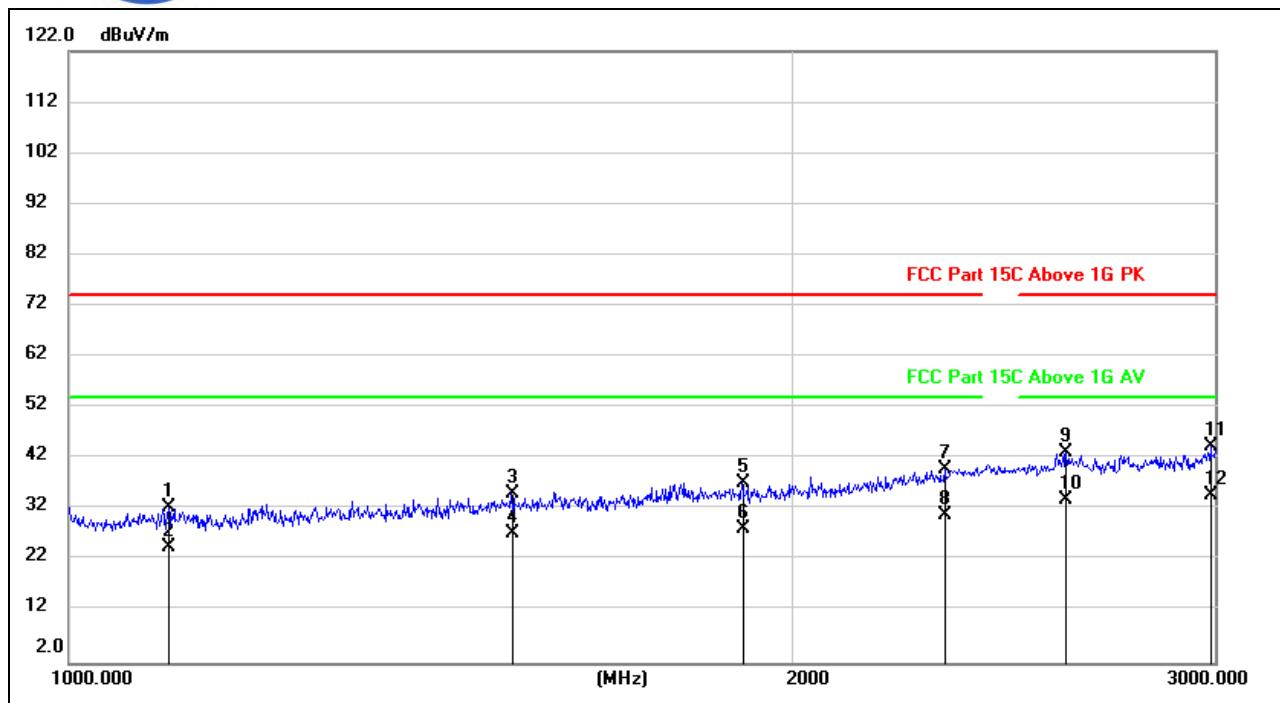


(802.11g _2437MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
36.7662	9.49	13.47	22.96	40.00	-17.04	peak	V
64.4331	7.52	13.53	21.05	40.00	-18.95	peak	V
117.3603	9.14	13.15	22.29	43.50	-21.21	peak	V
238.3102	6.87	14.96	21.83	46.00	-24.17	peak	V
357.9287	7.38	18.42	25.80	46.00	-20.20	peak	V
768.7482	9.37	26.17	35.54	46.00	-10.46	peak	V



REPORT No. : XM19030031W01

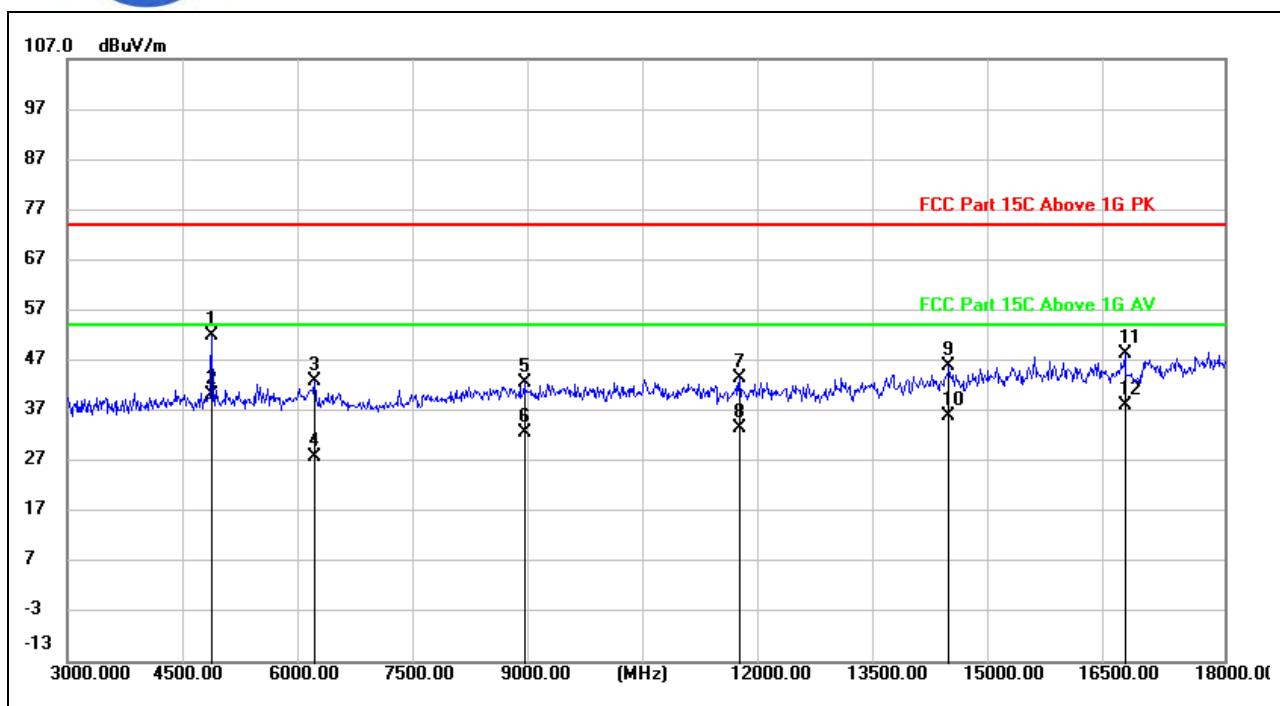


(802.11g _2437MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1100.296	9.66	22.87	32.53	74.00	-41.47	peak	V
1100.296	1.87	22.87	24.74	54.00	-29.26	Avg	V
1528.160	9.83	25.43	35.26	74.00	-38.74	peak	V
1528.160	1.91	25.43	27.34	54.00	-26.66	Avg	V
1905.769	10.09	27.22	37.31	74.00	-36.69	peak	V
1905.769	1.02	27.22	28.24	54.00	-25.76	Avg	V
2314.838	10.19	29.84	40.03	74.00	-33.97	peak	V
2314.838	1.07	29.84	30.91	54.00	-23.09	Avg	V
2600.731	10.21	32.96	43.17	74.00	-30.83	peak	V
2600.731	1.05	32.96	34.01	54.00	-19.99	Avg	V
2986.846	11.50	32.81	44.31	74.00	-29.69	peak	V
2986.846	2.16	32.81	34.97	54.00	-19.03	Avg	V



REPORT No. : XM19030031W01

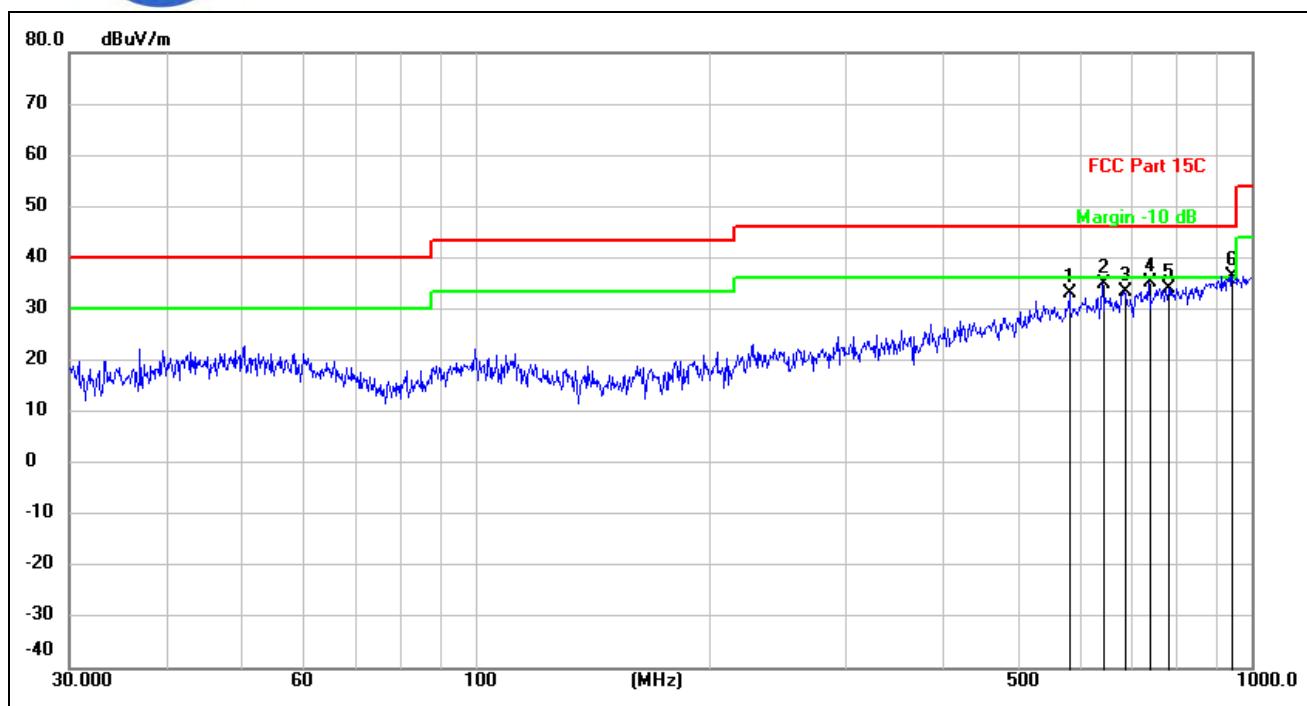


(802.11g _2437MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4875.000	54.94	-2.86	52.08	74.00	-21.92	peak	V
4875.000	43.18	-2.86	40.32	54.00	-13.68	AVG	V
6210.000	44.3	-1.45	42.85	74.00	-31.15	peak	V
6210.000	30.53	-1.45	29.08	54.00	-24.92	AVG	V
8925.000	41.22	1.35	42.57	74.00	-31.43	peak	V
8925.000	30.09	1.35	31.44	54.00	-22.56	AVG	V
11715.000	39.57	3.99	43.56	74.00	-30.44	peak	V
11715.000	28.94	3.99	32.93	54.00	-21.07	AVG	V
14430.000	36.41	9.48	45.89	74.00	-28.11	peak	V
14430.000	26.07	9.48	35.55	54.00	-18.45	AVG	V
16710.000	36.46	11.78	48.24	74.00	-25.76	peak	V
16710.000	25.21	11.78	36.99	54.00	-17.01	AVG	V



REPORT No. : XM19030031W01

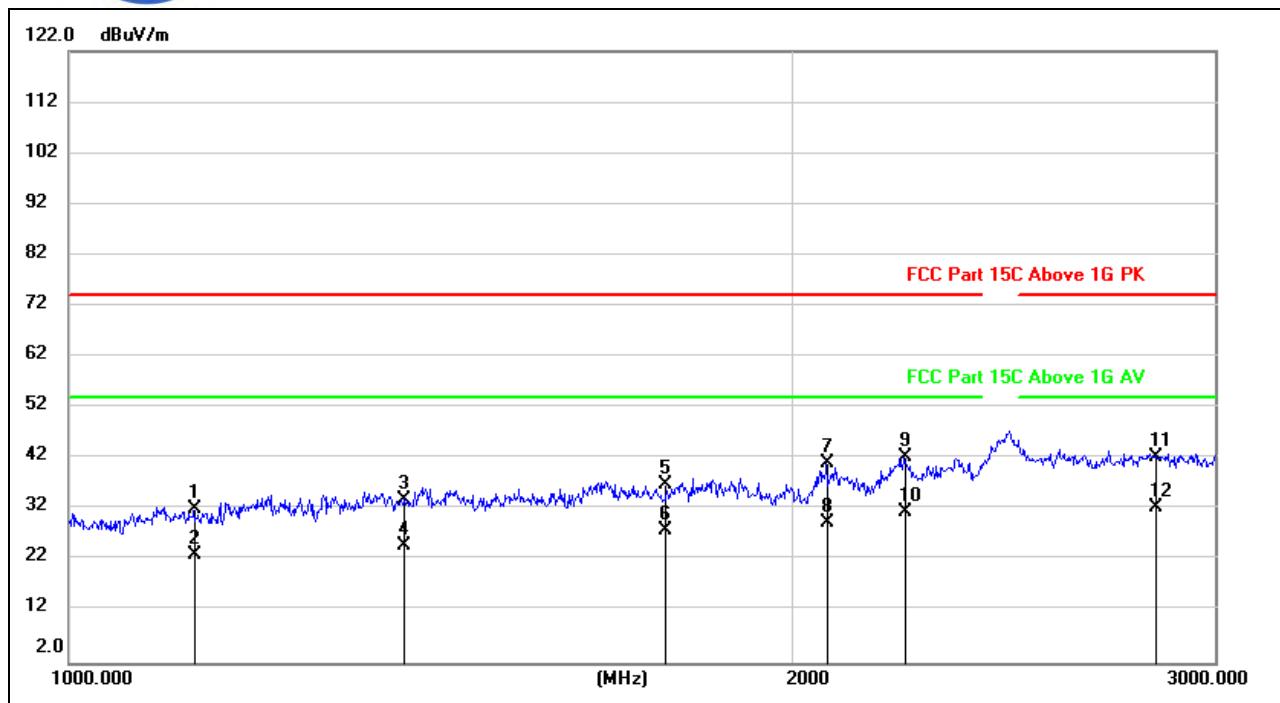


(802.11g _2462MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
582.7425	9.96	23.06	33.02	46.00	-12.98	peak	H
642.8613	10.61	24.25	34.86	46.00	-11.14	peak	H
684.7454	8.81	24.68	33.49	46.00	-12.51	peak	H
737.0714	9.45	25.73	35.18	46.00	-10.82	peak	H
782.3453	8.02	26.00	34.02	46.00	-11.98	peak	H
945.4399	8.17	28.38	36.55	46.00	-9.45	peak	H



REPORT No. : XM19030031W01

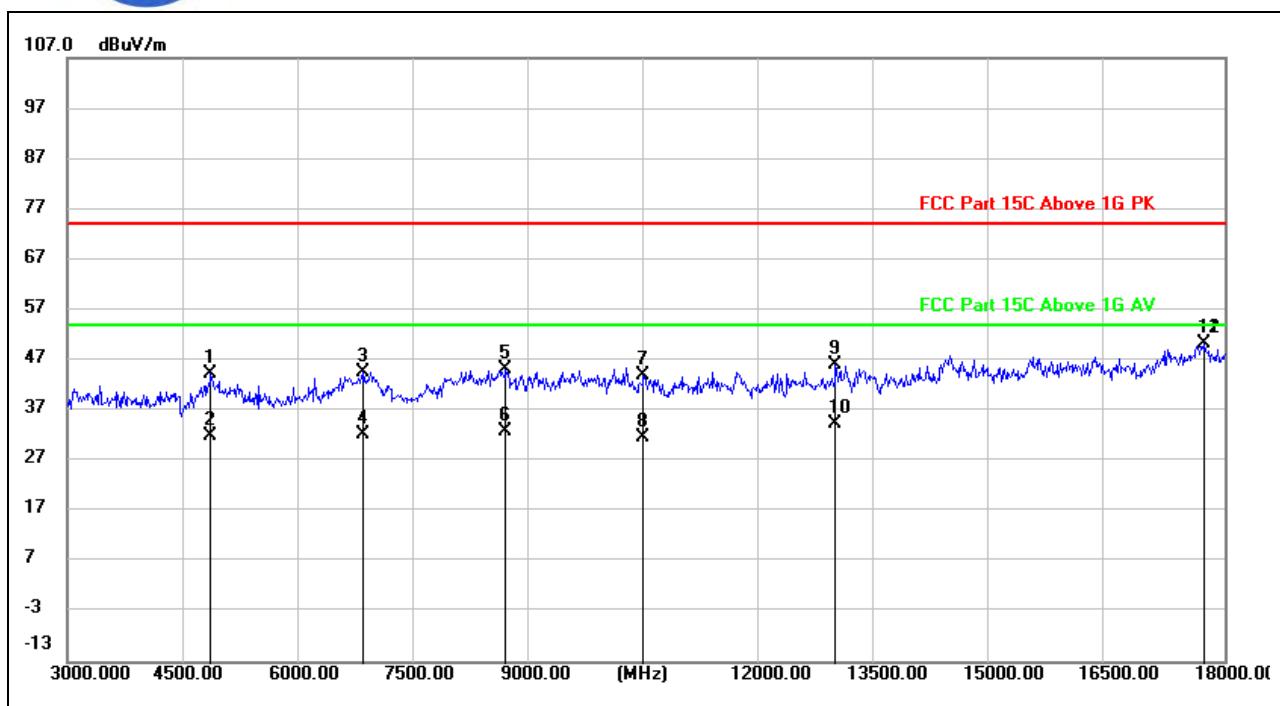


(802.11g _2462MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1128.286	9.50	22.68	32.18	74.00	-41.82	peak	H
1128.286	-0.25	22.68	22.43	54.00	-31.57	AVG	H
1379.492	10.12	23.92	34.04	74.00	-39.96	peak	H
1379.492	0.87	23.92	24.79	54.00	-29.21	AVG	H
1768.833	10.54	26.52	37.06	74.00	-36.94	peak	H
1768.833	1.01	26.52	27.53	54.00	-26.47	AVG	H
2067.175	13.63	27.45	41.08	74.00	-32.92	peak	H
2067.175	2.14	27.45	29.59	54.00	-24.41	AVG	H
2227.519	13.20	29.29	42.49	74.00	-31.51	peak	H
2227.519	2.23	29.29	31.52	54.00	-22.48	AVG	H
2836.309	10.59	31.86	42.45	74.00	-31.55	peak	H
2836.309	0.02	31.86	31.88	54.00	-22.12	AVG	H



REPORT No. : XM19030031W01

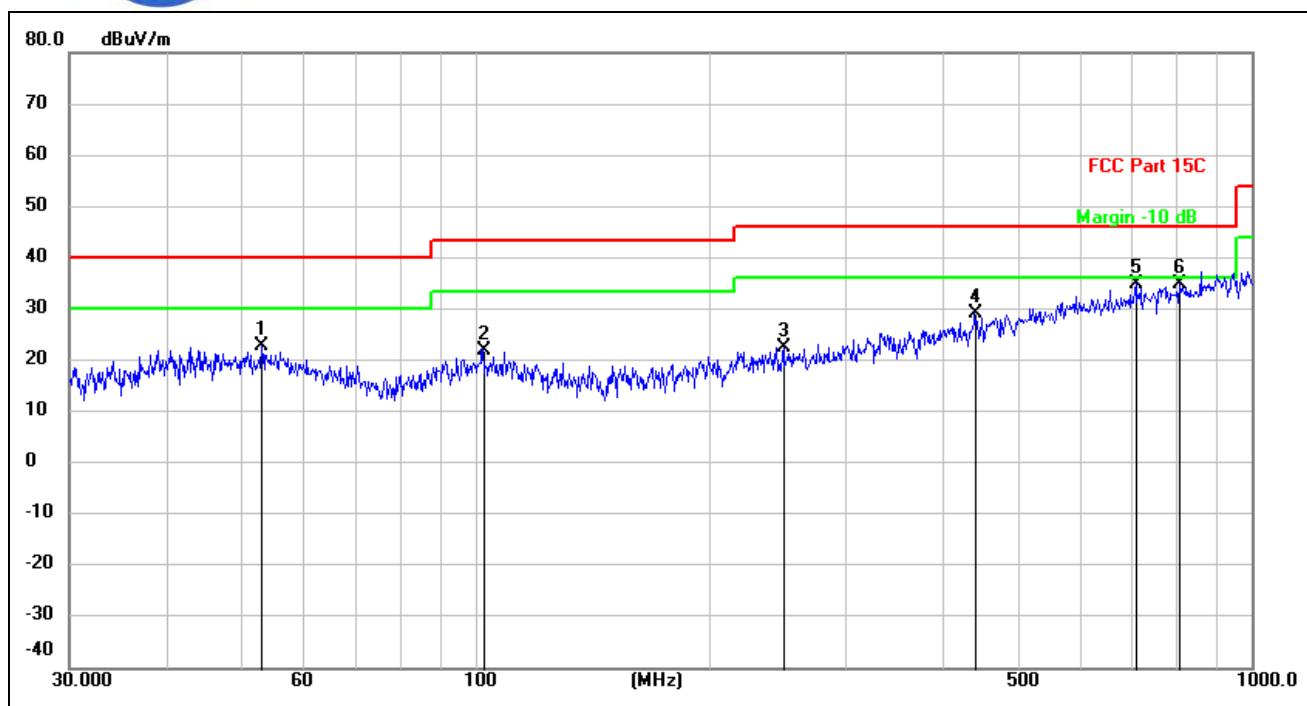


(802.11g _2462MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4860.000	47.17	-2.95	44.22	74.00	-29.78	peak	H
4860.000	35.01	-2.95	32.06	54.00	-21.94	Avg	H
6840.000	9.33	35.28	44.61	74.00	-29.39	peak	H
6840.000	-2.97	35.28	32.31	54.00	-21.69	Avg	H
8685.000	8.29	37.02	45.31	74.00	-28.69	peak	H
8685.000	-4.01	37.02	33.01	54.00	-20.99	Avg	H
10470.000	6.20	37.68	43.88	74.00	-30.12	peak	H
10470.000	-5.98	37.68	31.70	54.00	-22.30	Avg	H
12960.000	7.18	38.82	46.00	74.00	-28.00	peak	H
12960.000	-4.60	38.82	34.22	54.00	-19.78	Avg	H
17745.000	6.62	43.64	50.26	74.00	-23.74	peak	H
17745.000	6.62	43.64	50.26	54.00	-3.74	Avg	H



REPORT No. : XM19030031W01

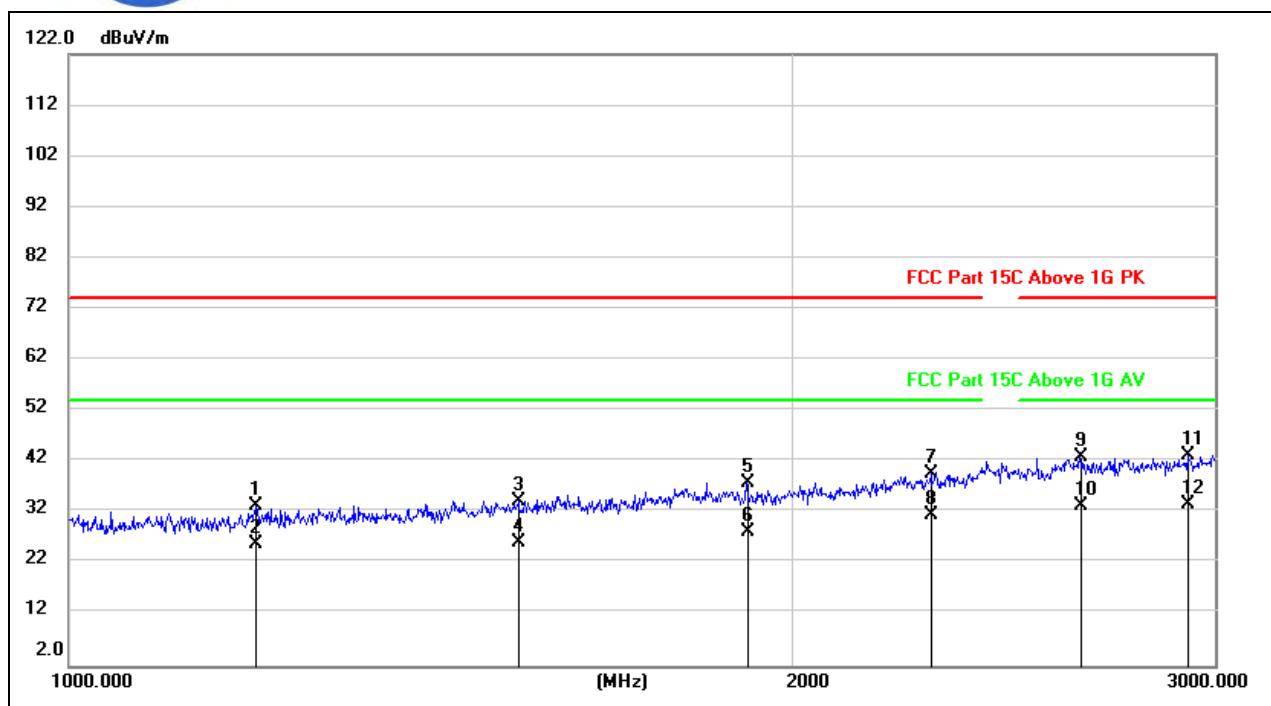


(802.11g _2462MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
53.1313	7.54	15.36	22.90	40.00	-17.10	peak	V
102.3597	7.52	14.59	22.11	43.50	-21.39	peak	V
249.4250	7.78	14.88	22.66	46.00	-23.34	peak	V
440.1963	8.63	20.57	29.20	46.00	-16.80	peak	V
709.1823	9.83	24.96	34.79	46.00	-11.21	peak	V
807.4291	8.72	26.20	34.92	46.00	-11.08	peak	V



REPORT No. : XM19030031W01

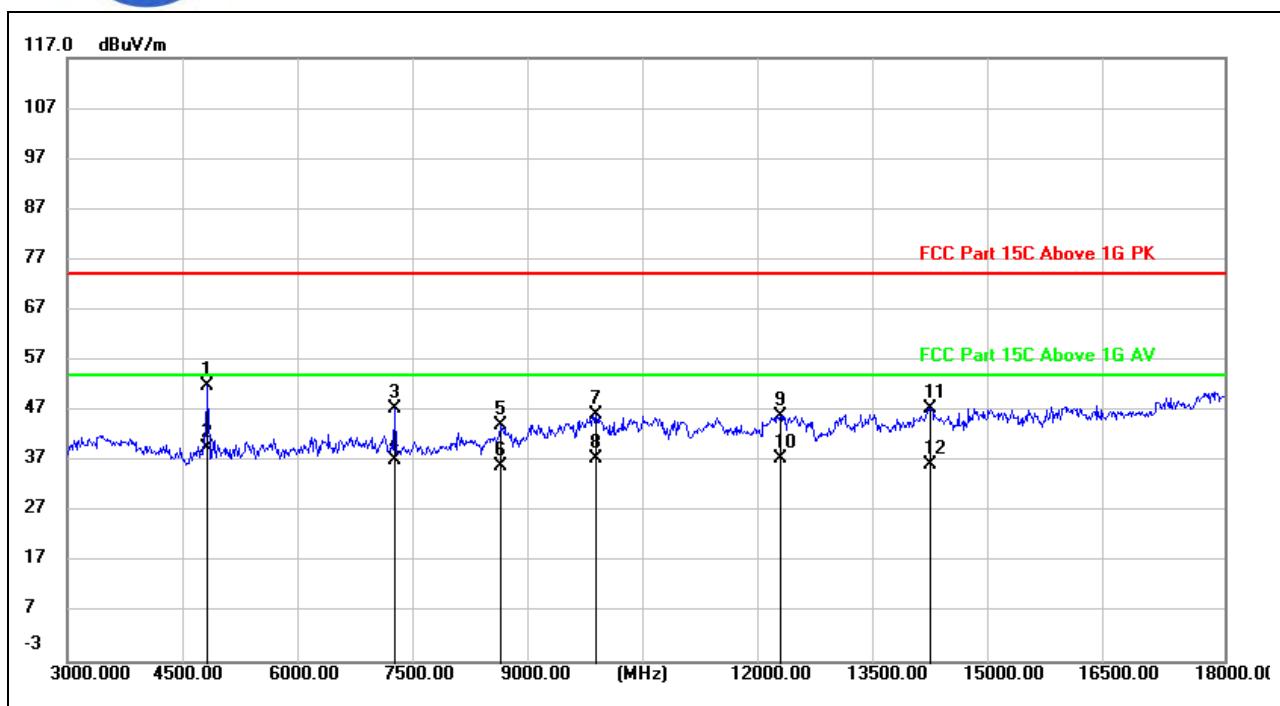


(802.11g _2462MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1196.109	9.33	23.92	33.25	74.00	-40.75	peak	V
1196.109	0.96	23.92	24.88	54.00	-29.12	Avg	V
1538.266	8.78	25.55	34.33	74.00	-39.67	peak	V
1538.266	0.65	25.55	26.20	54.00	-27.80	Avg	V
1914.162	10.50	27.21	37.71	74.00	-36.29	peak	V
1914.162	1.00	27.21	28.21	54.00	-25.79	Avg	V
2284.521	9.95	29.66	39.61	74.00	-34.39	peak	V
2284.521	1.90	29.66	31.56	54.00	-22.44	Avg	V
2635.245	10.94	31.99	42.93	74.00	-31.07	peak	V
2635.245	1.27	31.99	33.26	54.00	-20.74	Avg	V
2921.934	11.26	31.99	43.25	74.00	-30.75	peak	V
2921.934	1.64	31.99	33.63	54.00	-20.37	Avg	V



REPORT No. : XM19030031W01

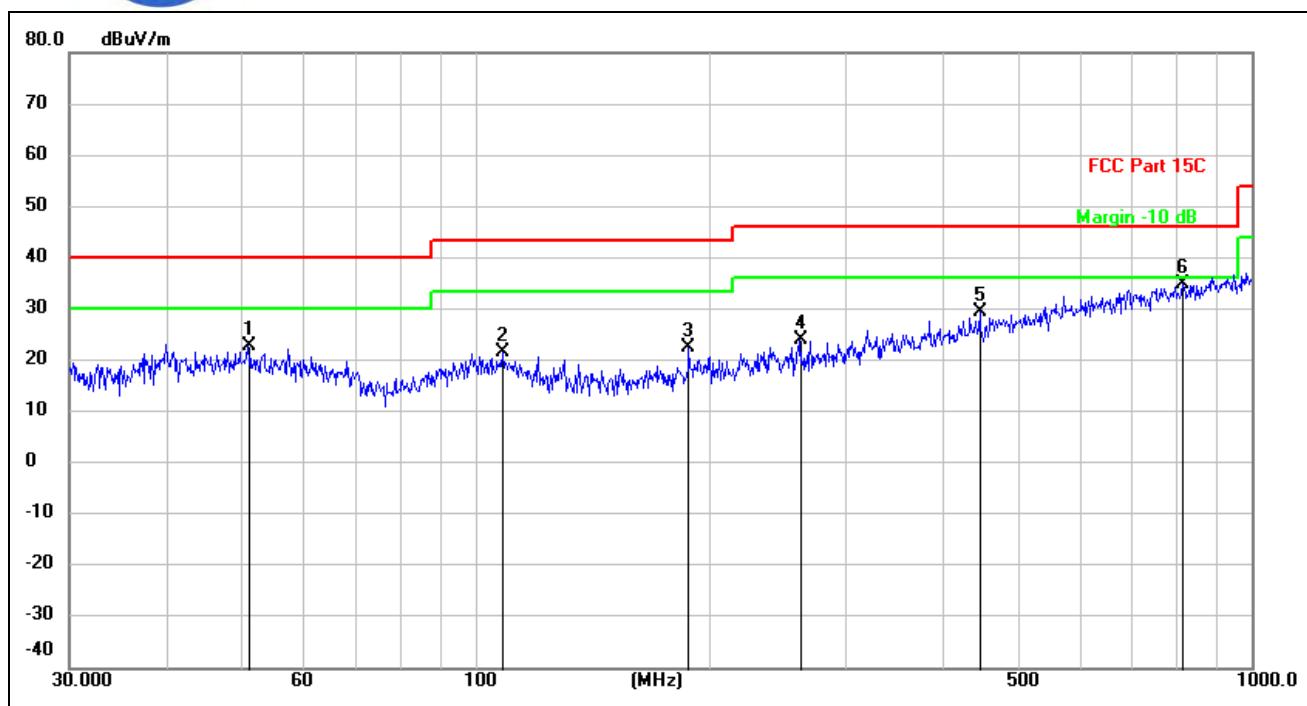


(802.11g _2462MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4925.000	55.13	-3.28	51.85	74.00	-22.15	peak	V
4925.000	42.97	-3.28	39.69	54.00	-14.31	Avg	V
7385.000	11.50	35.76	47.26	74.00	-26.74	peak	V
7385.000	1.39	35.76	37.15	54.00	-16.85	Avg	V
8610.000	7.15	36.87	44.02	74.00	-29.98	peak	V
8610.000	-0.90	36.87	35.97	54.00	-18.03	Avg	V
9855.000	8.91	37.32	46.23	74.00	-27.77	peak	V
9855.000	0.06	37.32	37.38	54.00	-16.62	Avg	V
12240.000	8.11	37.84	45.95	74.00	-28.05	peak	V
12240.000	-0.45	37.84	37.39	54.00	-16.61	Avg	V
14190.000	7.31	40.09	47.40	74.00	-26.60	peak	V
14190.000	-3.73	40.09	36.36	54.00	-17.64	Avg	V



REPORT No. : XM19030031W01

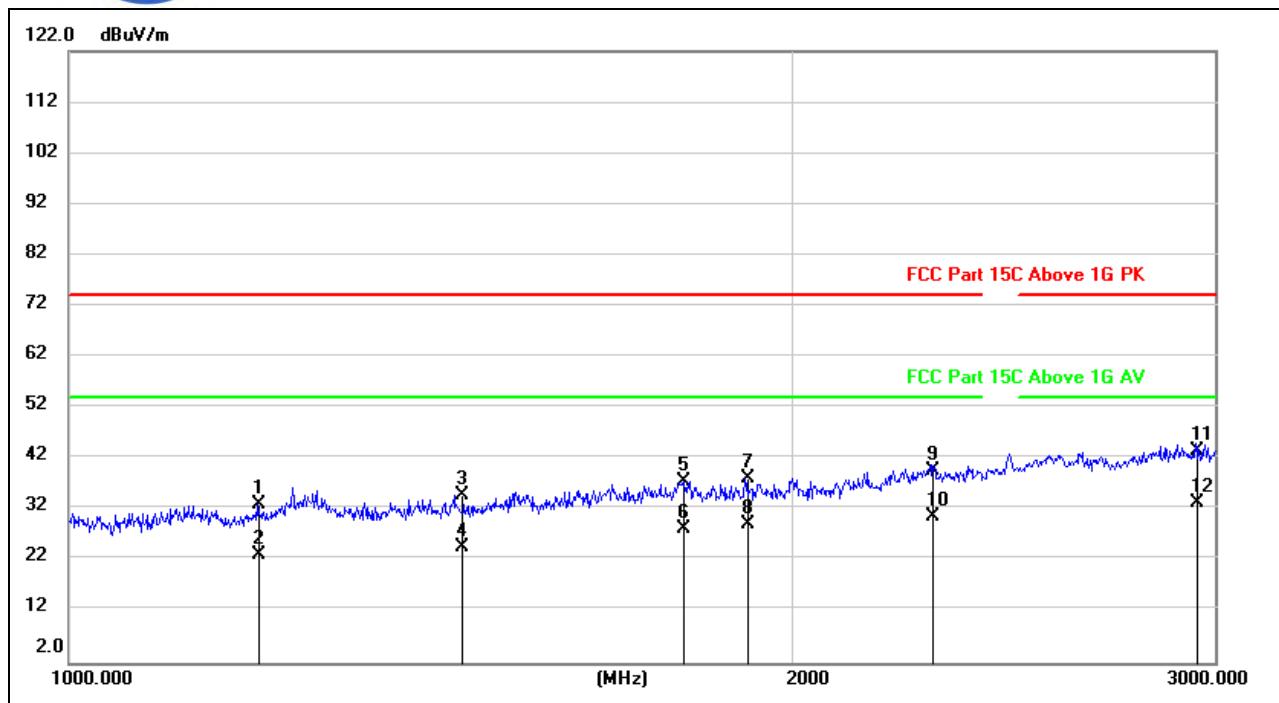


(802.11 n20 _2412MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
50.9420	7.06	15.89	22.95	40.00	-17.05	peak	H
108.6470	6.85	14.70	21.55	43.50	-21.95	peak	H
188.4125	9.34	13.09	22.43	43.50	-21.07	peak	H
261.9753	8.38	15.70	24.08	46.00	-21.92	peak	H
446.4141	9.97	19.66	29.63	46.00	-16.37	peak	H
815.9678	8.64	26.21	34.85	46.00	-11.15	peak	H



REPORT No. : XM19030031W01

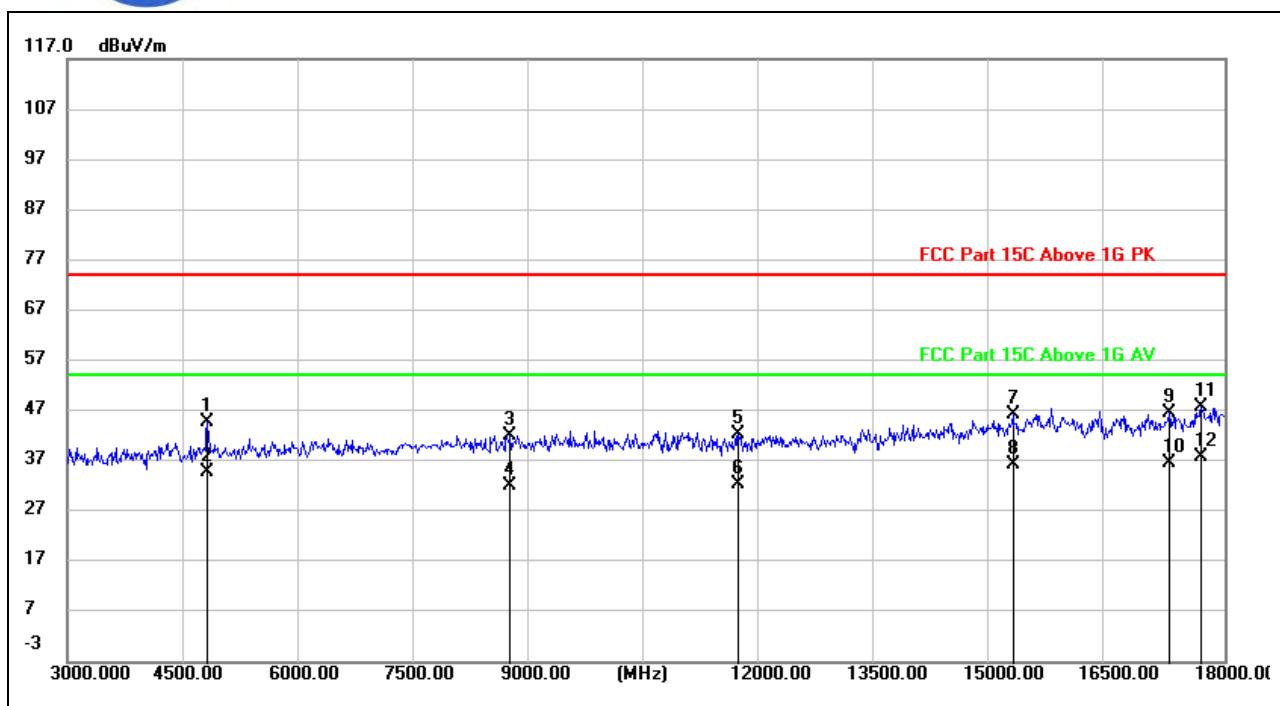


(802.11 n20 _2412MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1199.424	8.97	24.16	33.13	74.00	-40.87	peak	H
1199.424	-1.03	24.16	23.13	54.00	-30.87	AVG	H
1456.481	10.15	24.55	34.70	74.00	-39.30	peak	H
1456.481	0.15	24.55	24.70	54.00	-29.30	AVG	H
1801.926	9.53	28.08	37.61	74.00	-36.39	peak	H
1801.926	0.11	28.08	28.19	74.00	-45.81	peak	H
1917.060	10.99	27.20	38.19	74.00	-35.81	peak	H
1917.060	1.99	27.20	29.19	54.00	-24.81	AVG	H
2289.521	10.08	29.70	39.78	74.00	-34.22	peak	H
2289.521	1.08	29.70	30.78	54.00	-23.22	AVG	H
2946.491	11.38	32.05	43.43	74.00	-30.57	peak	H
2946.491	1.38	32.05	33.43	54.00	-20.57	AVG	H



REPORT No. : XM19030031W01

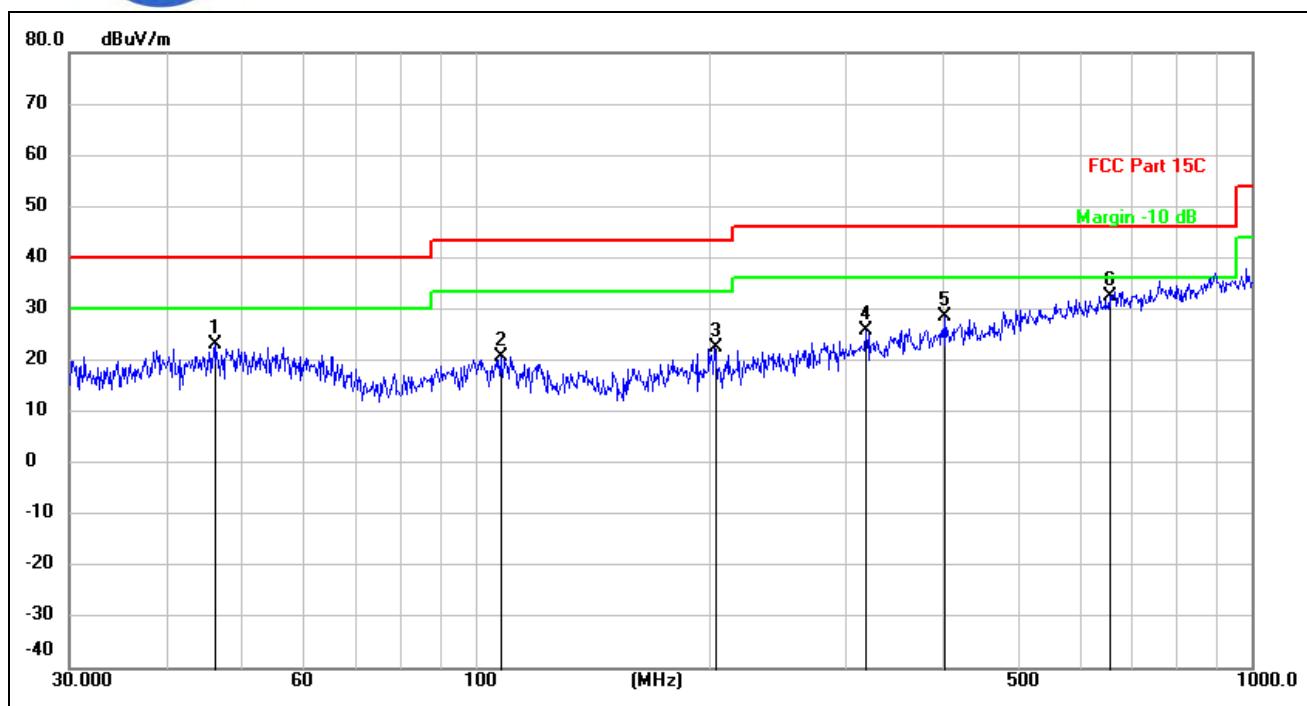


(802.11 n20 _2412MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4815.000	47.98	-3.28	44.70	74.00	-29.30	peak	H
4815.000	37.01	-3.28	33.73	54.00	-20.27	AVG	H
8745.000	40.65	1.43	42.08	74.00	-31.92	peak	H
8745.000	30.23	1.43	31.66	54.00	-22.34	AVG	H
11700.000	38.34	4.01	42.35	74.00	-31.65	peak	H
11700.000	27.69	4.01	31.70	54.00	-22.30	AVG	H
15255.000	36.38	9.91	46.29	74.00	-27.71	peak	H
15255.000	24.72	9.91	34.63	54.00	-19.37	AVG	H
17280.000	33.79	12.73	46.52	74.00	-27.48	peak	H
17280.000	23.01	12.73	35.74	54.00	-18.26	AVG	H
17700.000	33.55	14.28	47.83	74.00	-26.17	peak	H
17700.000	22.78	14.28	37.06	54.00	-16.94	AVG	H



REPORT No. : XM19030031W01

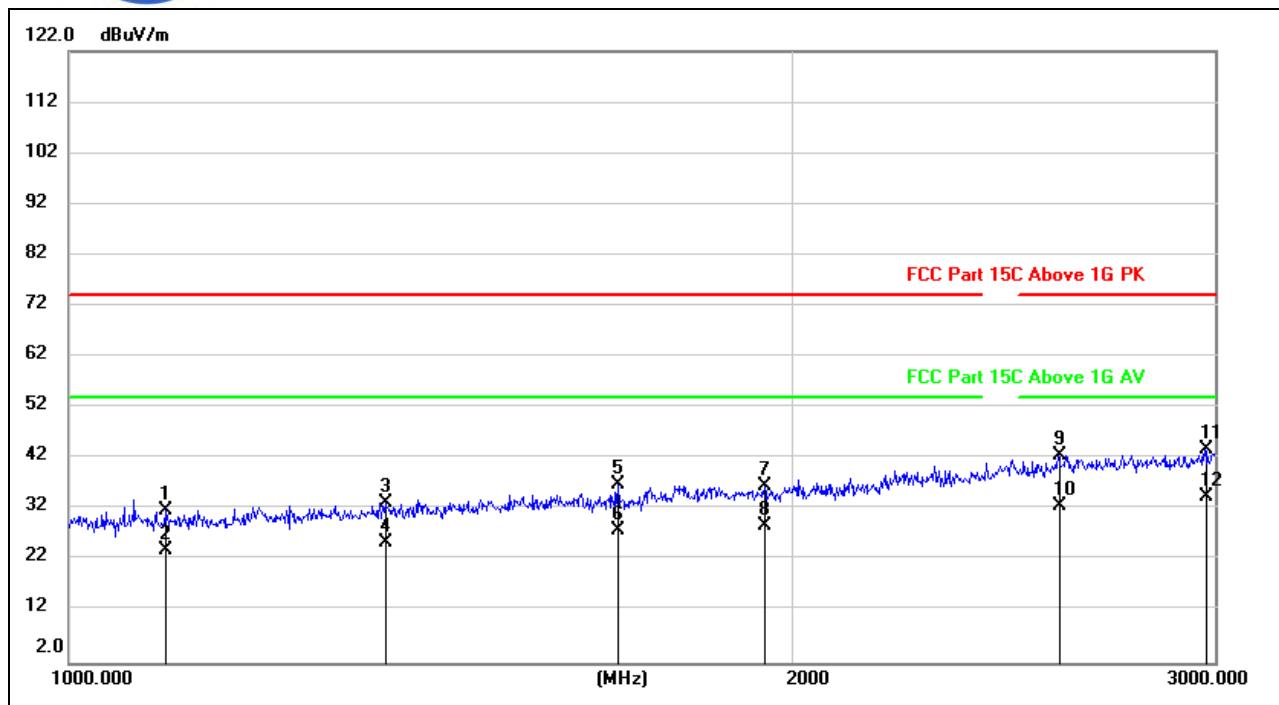


(802.11 n20 _2412MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dB _{uV})	Factor (dB/m)	Level (dB _{uV/m})	Limit (dB _{uV/m})	Margin (dB)	Det.	Pol
46.1780	7.58	15.48	23.06	40.00	-16.94	peak	V
107.8877	6.25	14.57	20.82	43.50	-22.68	peak	V
203.5228	8.83	13.75	22.58	43.50	-20.92	peak	V
318.8170	8.02	17.80	25.82	46.00	-20.18	peak	V
403.2500	9.17	19.43	28.60	46.00	-17.40	peak	V
656.5300	8.22	24.34	32.56	46.00	-13.44	peak	V



REPORT No. : XM19030031W01

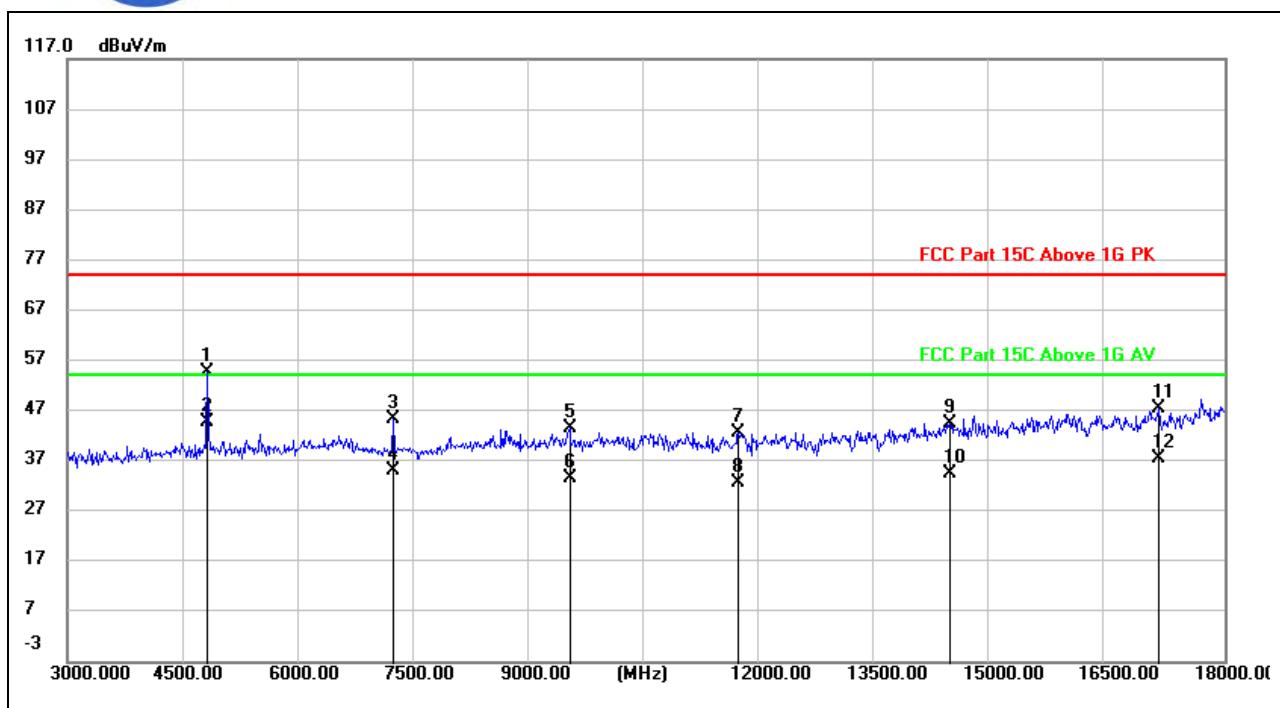


(802.11 n20 _2412MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1096.676	8.97	22.87	31.84	74.00	-42.16	peak	V
1096.676	1.07	22.87	23.94	54.00	-30.06	AVG	V
1354.208	9.47	23.89	33.36	74.00	-40.64	peak	V
1354.208	1.63	23.89	25.52	54.00	-28.48	AVG	V
1692.548	11.18	25.83	37.01	74.00	-36.99	peak	V
1692.548	2.10	25.83	27.93	54.00	-26.07	AVG	V
1948.106	9.61	27.06	36.67	74.00	-37.33	peak	V
1948.106	1.80	27.06	28.86	54.00	-25.14	AVG	V
2580.808	10.94	31.70	42.64	74.00	-31.36	peak	V
2580.808	1.08	31.70	32.78	54.00	-21.22	AVG	V
2970.484	11.78	32.07	43.85	74.00	-30.15	peak	V
2970.484	2.57	32.07	34.64	54.00	-19.36	AVG	V



REPORT No. : XM19030031W01

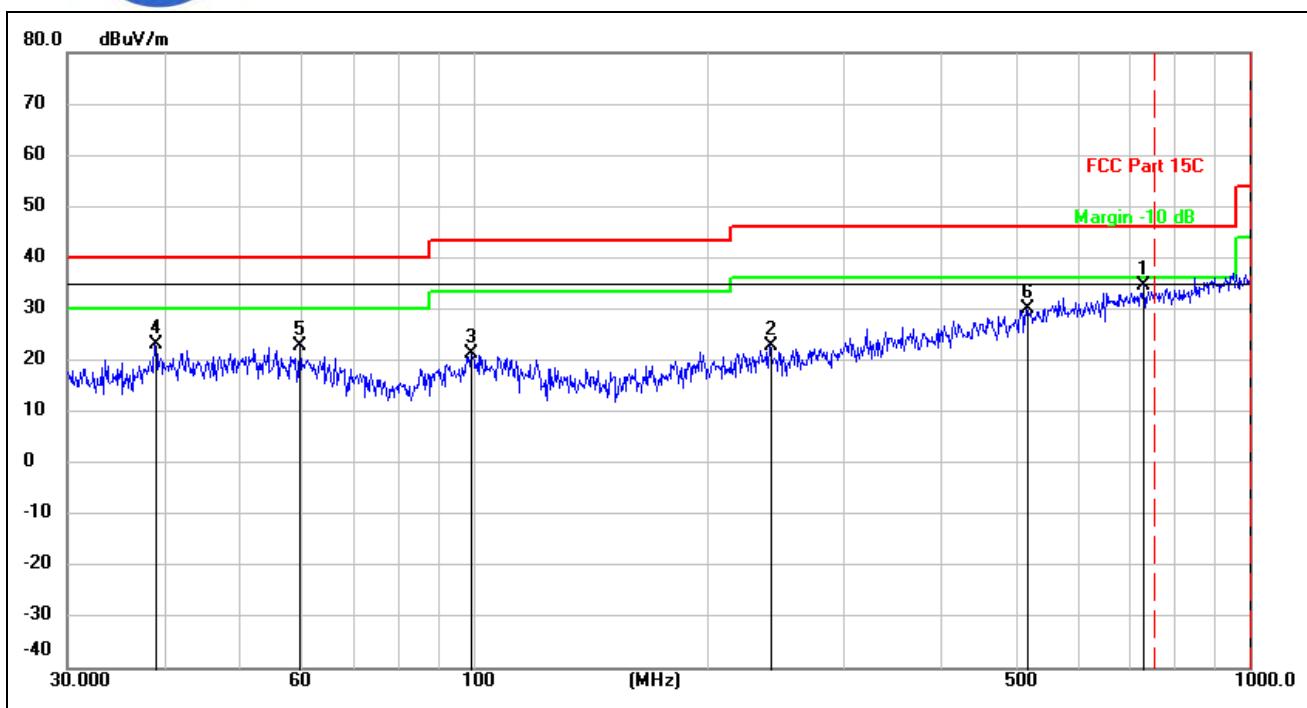


(802.11 n20 _2412MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4815.000	58.01	-3.28	54.73	74.00	-19.27	peak	V
4815.000	48.01	-3.28	44.73	54.00	-9.27	AVG	V
7230.000	45.65	-0.36	45.29	74.00	-28.71	peak	V
7230.000	35.65	-0.36	35.29	54.00	-18.71	AVG	V
9510.000	41.58	2.03	43.61	74.00	-30.39	peak	V
9510.000	31.58	2.03	33.61	54.00	-20.39	AVG	V
11700.000	38.67	4.01	42.68	74.00	-31.32	peak	V
11700.000	28.67	4.01	32.68	54.00	-21.32	AVG	V
14445.000	35.33	9.27	44.60	74.00	-29.40	peak	V
14445.000	25.33	9.27	34.60	54.00	-19.40	AVG	V
17145.000	34.73	12.92	47.65	74.00	-26.35	peak	V
17145.000	24.73	12.92	37.65	54.00	-16.35	AVG	V



REPORT No. : XM19030031W01

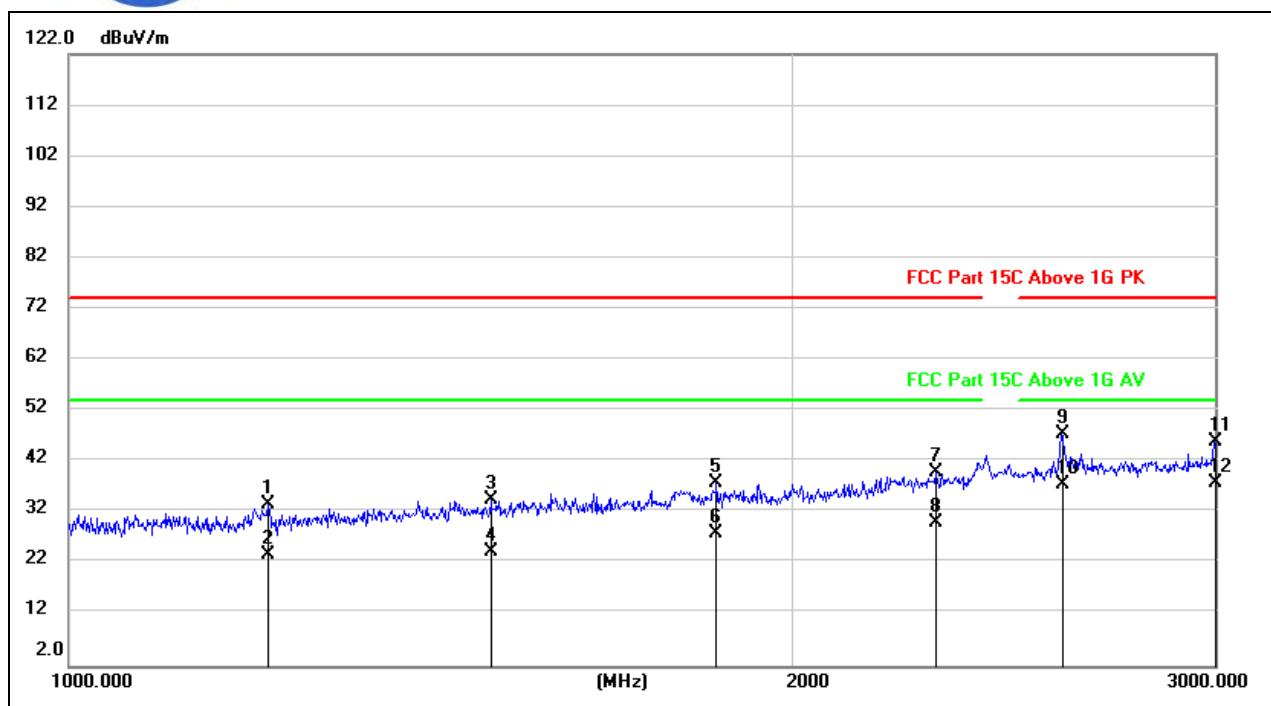


(802.11 n20 _2437MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
731.9203	8.96	25.53	34.49	46.00	-11.51	peak	H
240.8304	7.63	15.21	22.84	46.00	-23.16	peak	H
99.5281	6.59	14.81	21.40	43.50	-22.10	peak	H
38.8879	8.87	14.17	23.04	40.00	-16.96	peak	H
59.8588	7.90	14.85	22.75	40.00	-17.25	peak	H
515.4374	8.11	22.05	30.16	46.00	-15.84	peak	H



REPORT No. : XM19030031W01

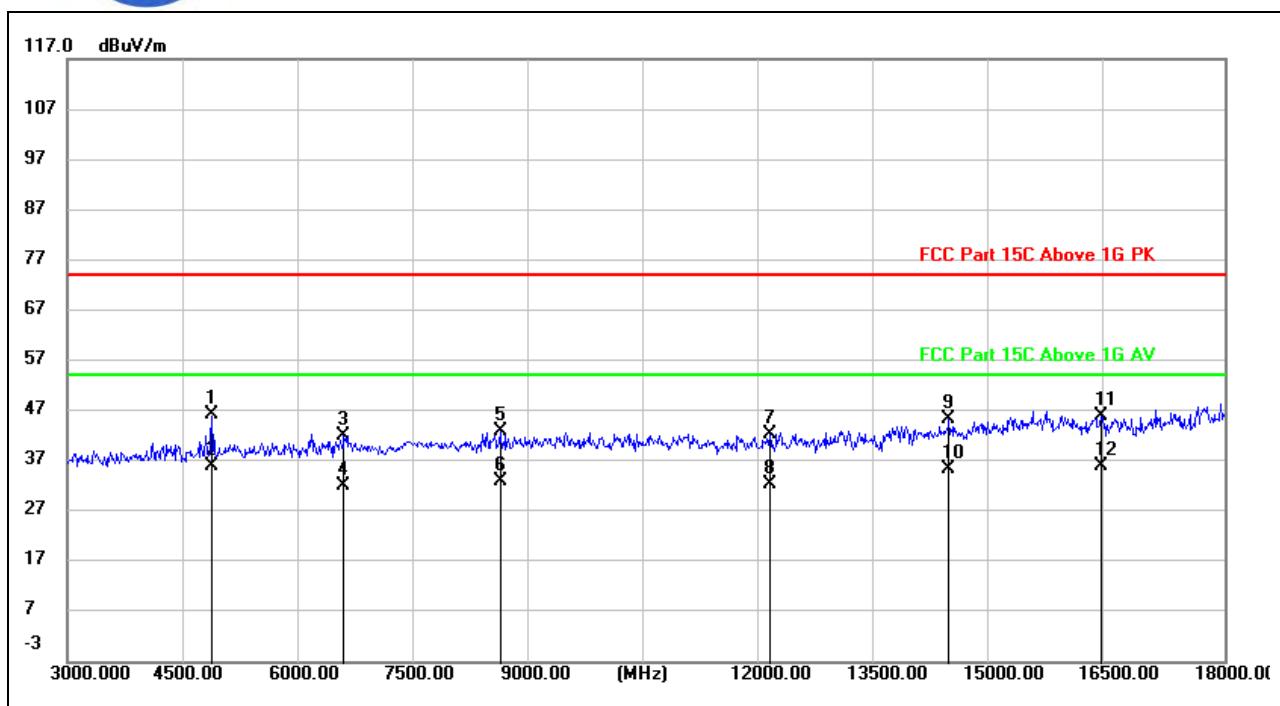


(802.11 n20 _2437MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1210.651	9.98	23.67	33.65	74.00	-40.35	peak	H
1210.651	-0.02	23.67	23.65	54.00	-30.35	AVG	H
1498.237	9.37	25.07	34.44	74.00	-39.56	peak	H
1498.237	-0.63	25.07	24.44	54.00	-29.56	AVG	H
1860.259	10.67	27.27	37.94	74.00	-36.06	peak	H
1860.259	0.67	27.27	27.94	54.00	-26.06	AVG	H
2294.582	10.31	29.74	40.05	74.00	-33.95	peak	H
2294.582	0.31	29.74	30.05	54.00	-23.95	AVG	H
2589.328	15.16	32.28	47.44	74.00	-26.56	peak	H
2589.328	5.16	32.28	37.44	54.00	-16.56	AVG	H
2996.706	11.97	33.85	45.82	74.00	-28.18	peak	H
2996.706	3.97	33.85	37.82	54.00	-16.18	AVG	H



REPORT No. : XM19030031W01

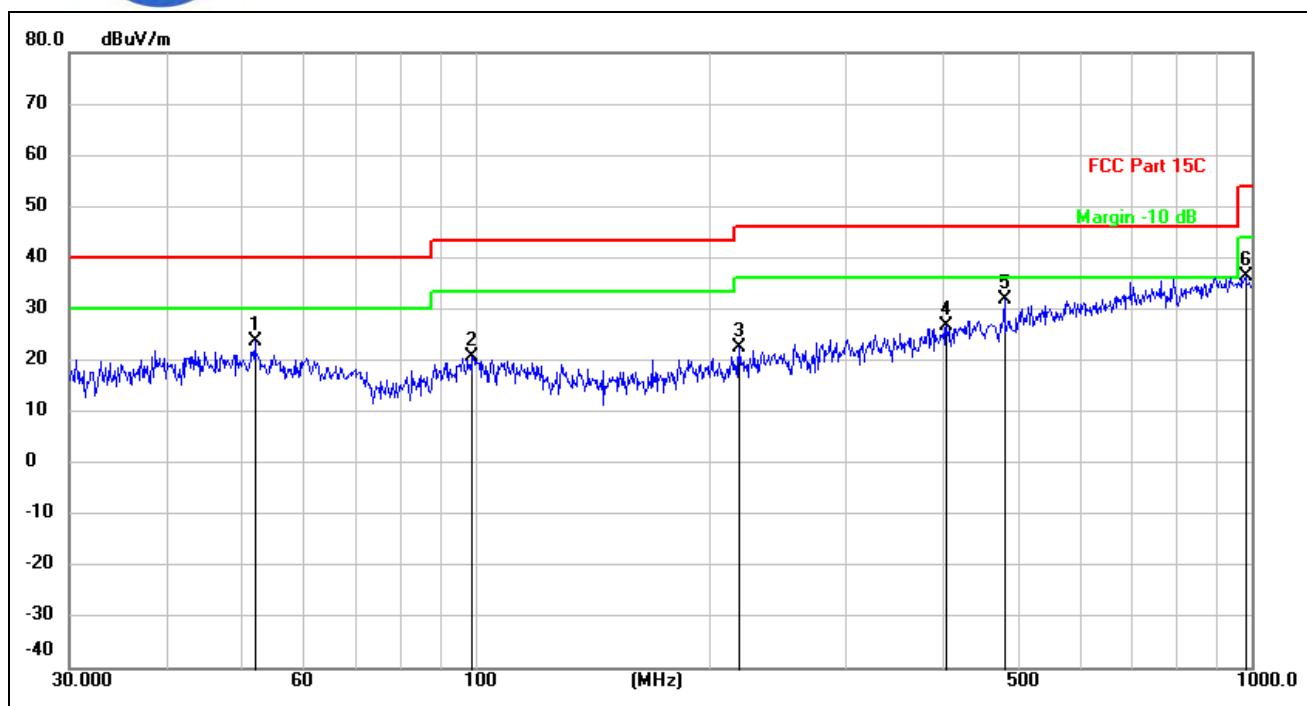


(802.11 n20 _2437MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4875.000	49.01	-2.86	46.15	74.00	-27.85	peak	H
4875.000	39.01	-2.86	36.15	54.00	-17.85	AVG	H
6585.000	43.38	-1.31	42.07	74.00	-31.93	peak	H
6585.000	33.38	-1.31	32.07	54.00	-21.93	AVG	H
8610.000	41.95	1.07	43.02	74.00	-30.98	peak	H
8610.000	31.95	1.07	33.02	54.00	-20.98	AVG	H
12105.000	38.41	3.91	42.32	74.00	-31.68	peak	H
12105.000	28.41	3.91	32.32	54.00	-21.68	AVG	H
14430.000	36.28	9.12	45.40	74.00	-28.60	peak	H
14430.000	26.28	9.12	35.40	54.00	-18.60	AVG	H
16395.000	35.00	11.02	46.02	74.00	-27.98	peak	H
16395.000	25.00	11.02	36.02	54.00	-17.98	AVG	H



REPORT No. : XM19030031W01

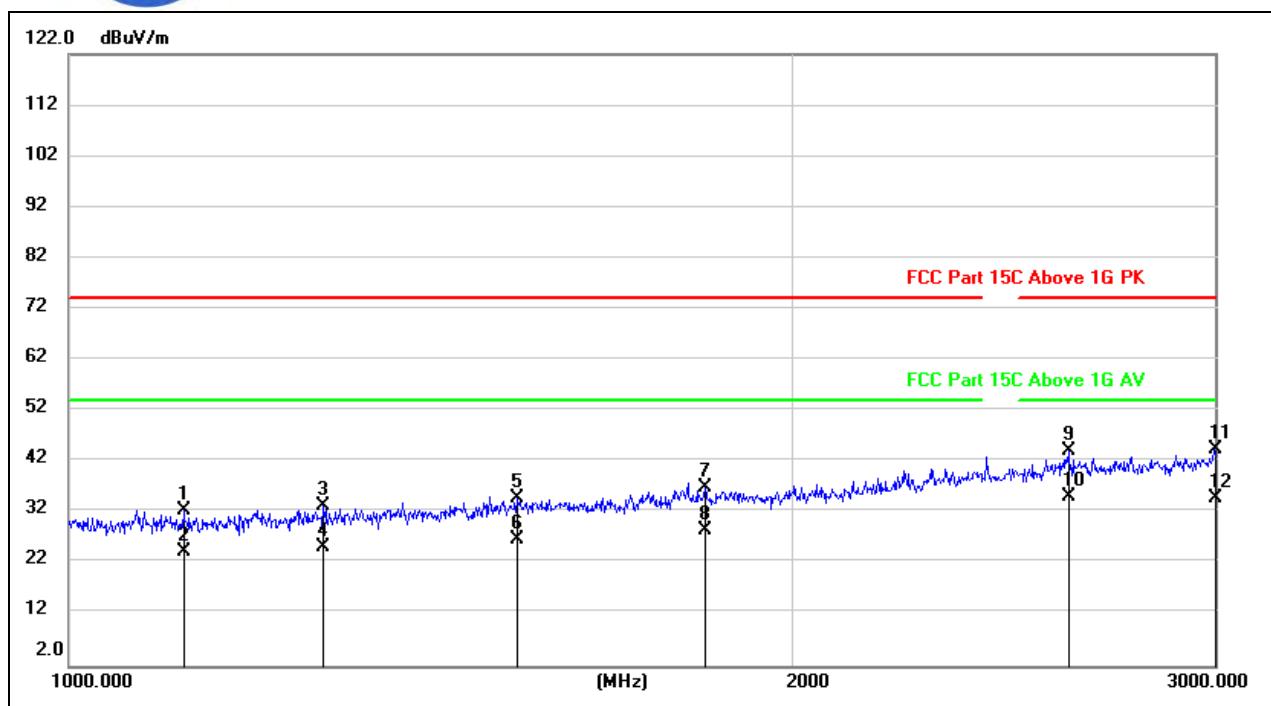


(802.11 n20 _2437MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
52.0251	8.32	15.43	23.75	40.00	-16.25	peak	V
99.1797	6.23	14.52	20.75	43.50	-22.75	peak	V
219.0753	8.15	14.48	22.63	46.00	-23.37	peak	V
404.6665	7.44	19.27	26.71	46.00	-19.29	peak	V
480.5276	10.56	21.47	32.03	46.00	-13.97	peak	V
982.6200	7.89	28.66	36.55	54.00	-17.45	peak	V



REPORT No. : XM19030031W01

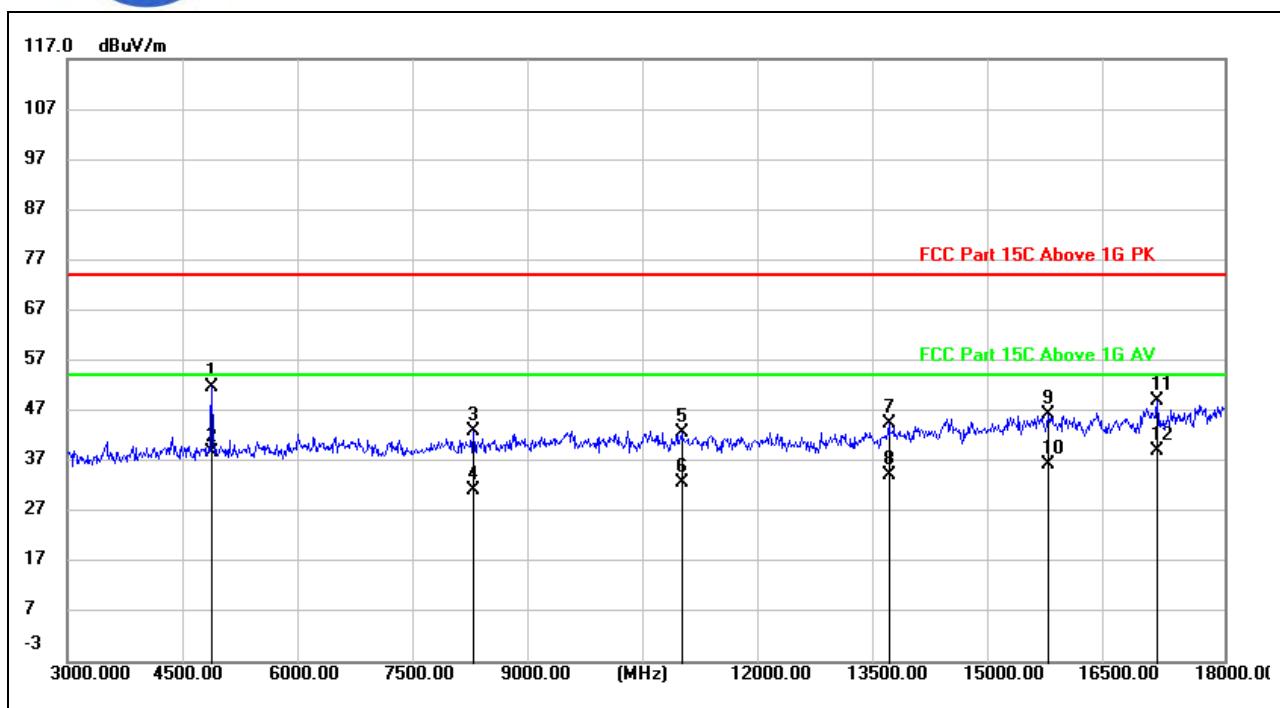


(802.11 n20 _2437MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1116.123	9.65	22.75	32.40	74.00	-41.60	peak	V
1116.123	1.50	22.75	24.25	54.00	-29.75	AVG	V
1276.206	9.50	23.83	33.33	74.00	-40.67	peak	V
1276.206	1.42	23.83	25.25	54.00	-28.75	AVG	V
1536.577	9.40	25.53	34.93	74.00	-39.07	peak	V
1536.577	1.21	25.53	26.74	54.00	-27.26	AVG	V
1839.934	9.79	27.15	36.94	74.00	-37.06	peak	V
1839.934	1.45	27.15	28.60	54.00	-25.40	AVG	V
2606.452	11.62	32.64	44.26	74.00	-29.74	peak	V
2606.452	2.53	32.64	35.17	54.00	-18.83	AVG	V
2996.706	10.49	33.85	44.34	74.00	-29.66	peak	V
2996.706	1.04	33.85	34.89	54.00	-19.11	AVG	V



REPORT No. : XM19030031W01

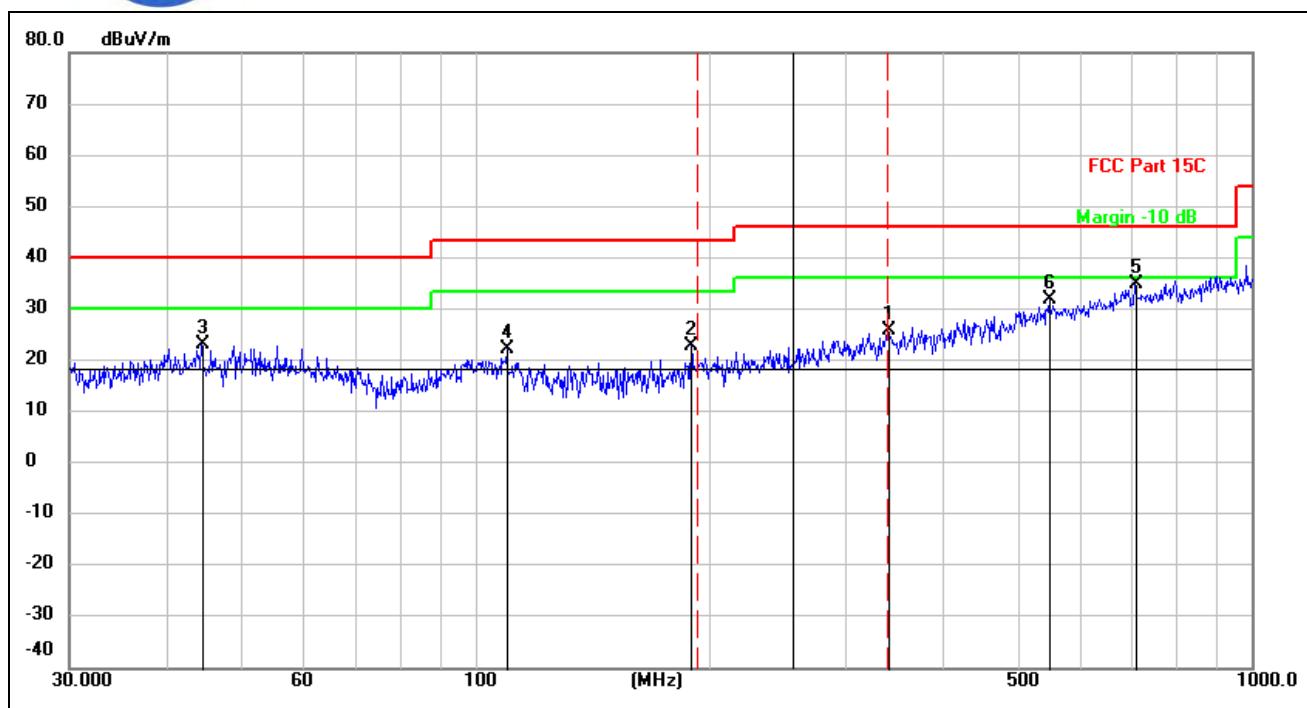


(802.11 n20 _2437MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4875.000	54.64	-2.86	51.78	74.00	-22.22	peak	V
4875.000	42.27	-2.86	39.41	54.00	-14.59	AVG	V
8265.000	41.79	1.29	43.08	74.00	-30.92	peak	V
8265.000	29.82	1.29	31.11	54.00	-22.89	AVG	V
10965.000	39.49	3.16	42.65	74.00	-31.35	peak	V
10965.000	28.61	3.16	31.77	54.00	-22.23	AVG	V
13650.000	37.16	7.19	44.35	74.00	-29.65	peak	V
13650.000	26.8	7.19	33.99	54.00	-20.01	AVG	V
15720.000	35.07	11.13	46.20	74.00	-27.80	peak	V
15720.000	25.01	11.13	36.14	54.00	-17.86	AVG	V
17130.000	36.28	12.83	49.11	74.00	-24.89	peak	V
17130.000	25.24	12.83	38.07	54.00	-15.93	AVG	V



REPORT No. : XM19030031W01

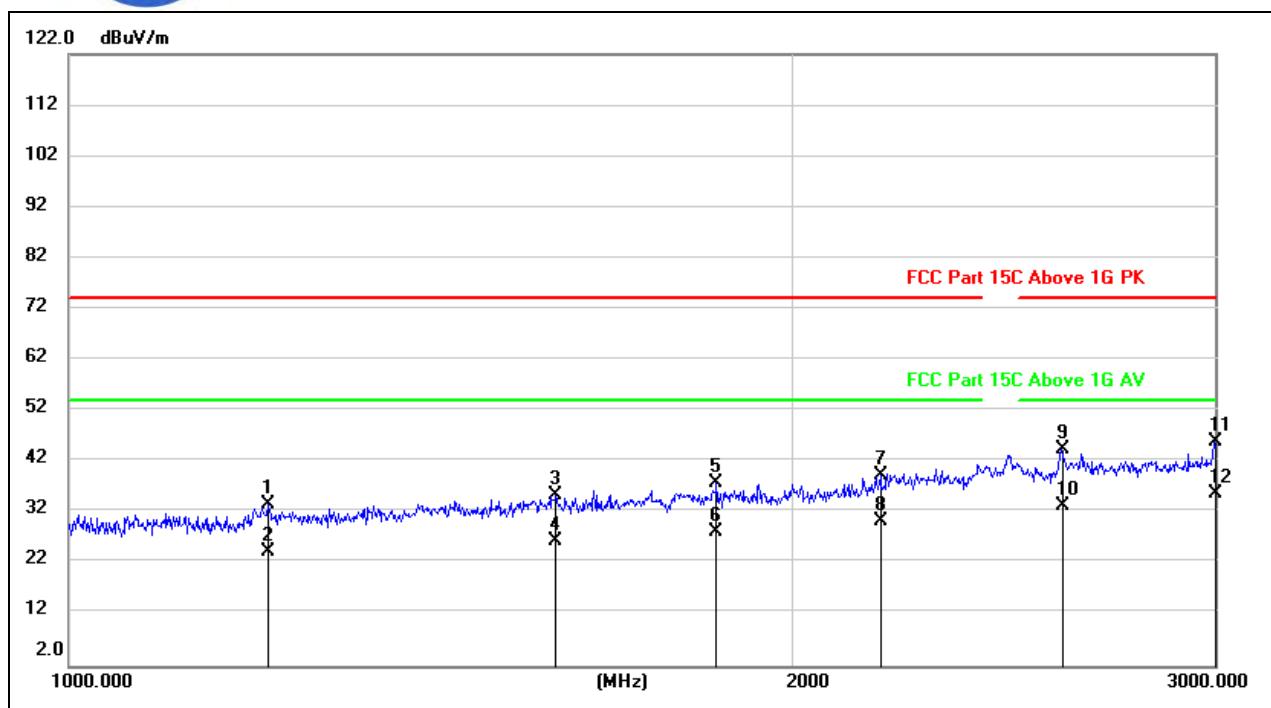


(802.11 n20 _2462MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
339.5888	7.64	18.21	25.85	46.00	-20.15	peak	H
189.7385	9.43	13.43	22.86	43.50	-20.64	peak	H
44.4308	7.86	15.32	23.18	40.00	-16.82	peak	H
109.7960	7.45	14.96	22.41	43.50	-21.09	peak	H
706.6999	9.89	24.92	34.81	46.00	-11.19	peak	H
549.0195	9.22	22.58	31.80	46.00	-14.20	peak	H



REPORT No. : XM19030031W01

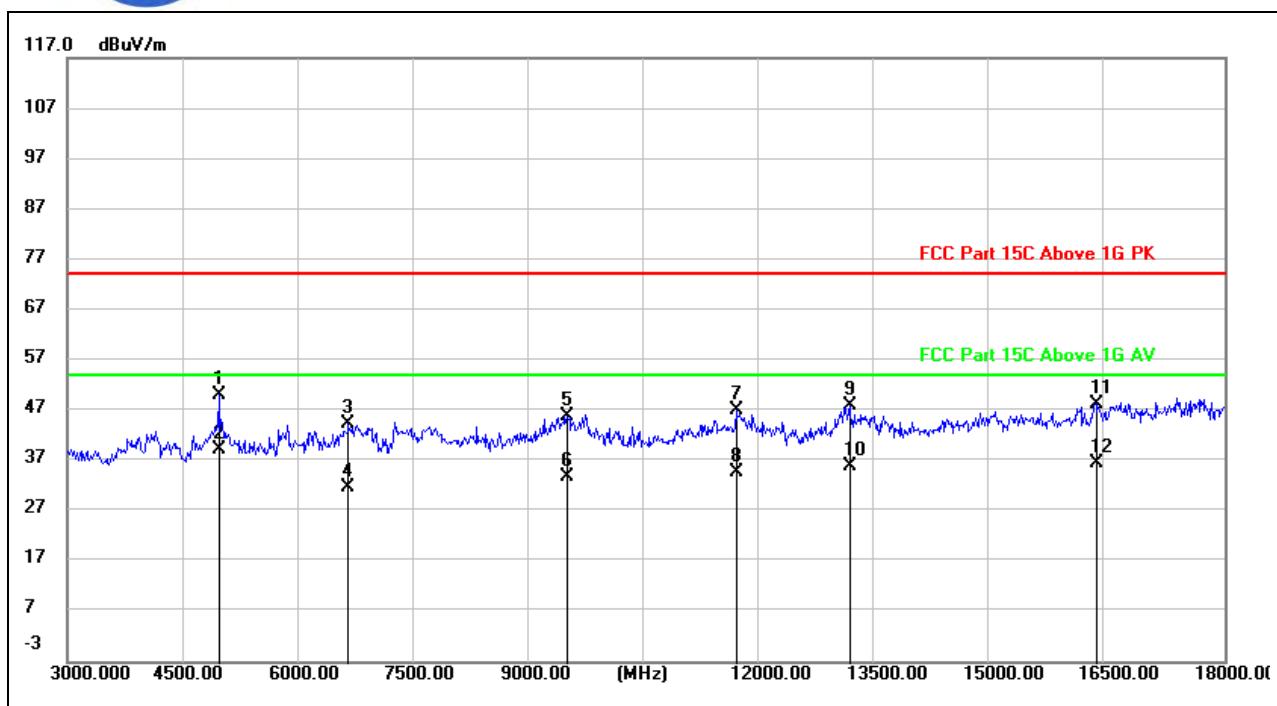


(802.11 n20 _2462MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1210.651	9.98	23.67	33.65	74.00	-40.35	peak	H
1210.651	0.67	23.67	24.34	54.00	-29.66	AVG	H
1595.058	9.02	26.30	35.32	74.00	-38.68	peak	H
1595.058	0.29	26.30	26.59	54.00	-27.41	AVG	H
1860.259	10.67	27.27	37.94	74.00	-36.06	peak	H
1860.259	1.08	27.27	28.35	54.00	-25.65	AVG	H
2176.716	10.43	28.80	39.23	74.00	-34.77	peak	H
2176.716	1.60	28.80	30.40	54.00	-23.60	AVG	H
2589.328	12.16	32.28	44.44	74.00	-29.56	peak	H
2589.328	1.18	32.28	33.46	54.00	-20.54	AVG	H
2996.706	11.97	33.85	45.82	74.00	-28.18	peak	H
2996.706	1.87	33.85	35.72	54.00	-18.28	AVG	H



REPORT No. : XM19030031W01

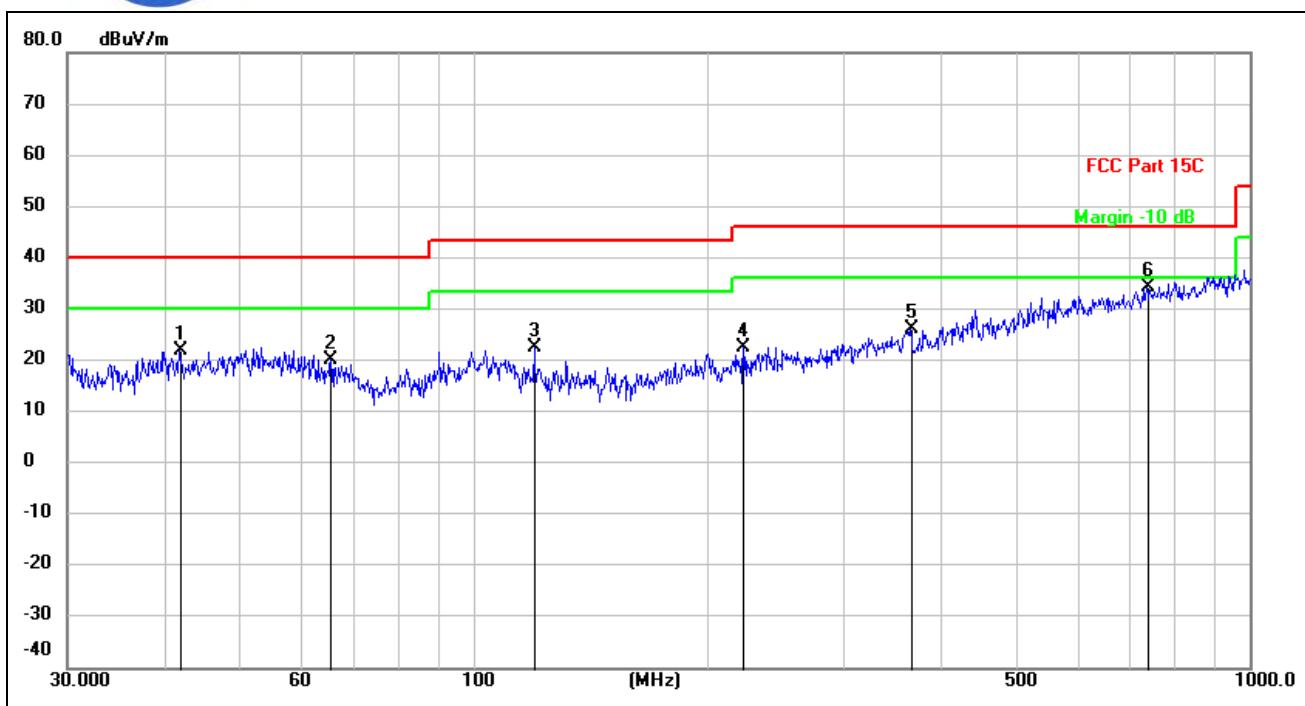


(802.11 n20 _2462MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4935.000	53.17	-3.14	50.03	74.00	-23.97	peak	H
4935.000	42.43	-3.14	39.29	54.00	-14.71	Avg	H
6645.000	8.91	35.38	44.29	74.00	-29.71	peak	H
6645.000	-3.75	35.38	31.63	54.00	-22.37	Avg	H
9480.000	8.61	37.26	45.87	74.00	-28.13	peak	H
9480.000	-3.29	37.26	33.97	54.00	-20.03	Avg	H
11670.000	9.37	37.74	47.11	74.00	-26.89	peak	H
11670.000	-3.02	37.74	34.72	54.00	-19.28	Avg	H
13140.000	9.24	38.71	47.95	74.00	-26.05	peak	H
13140.000	-2.90	38.71	35.81	54.00	-18.19	Avg	H
16335.000	6.67	41.63	48.30	74.00	-25.70	peak	H
16335.000	-5.12	41.63	36.51	54.00	-17.49	Avg	H



REPORT No. : XM19030031W01

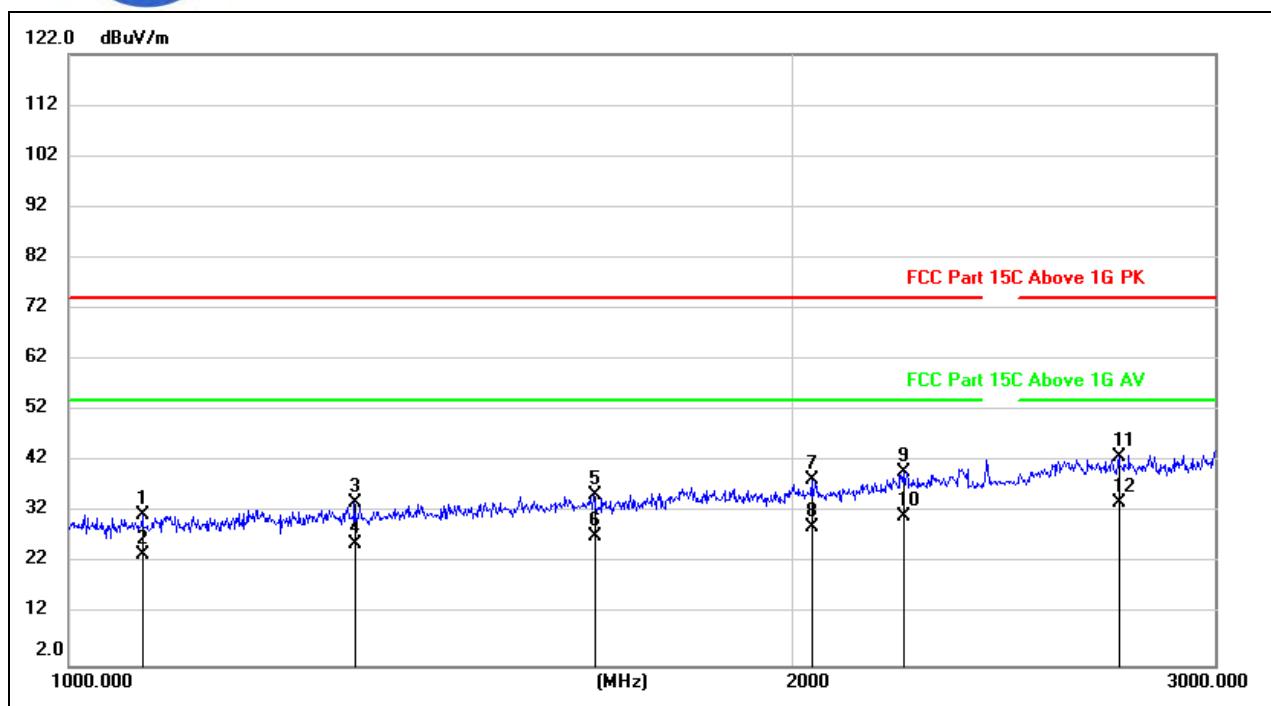


(802.11 n20 _2462MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dB _{UV})	Factor (dB/m)	Level (dB _{UV} /m)	Limit (dB _{UV} /m)	Margin (dB)	Det.	Pol
41.8596	6.92	15.04	21.96	40.00	-18.04	peak	V
65.5727	6.96	13.22	20.18	40.00	-19.82	peak	V
119.8556	9.36	13.10	22.46	43.50	-21.04	peak	V
222.9502	8.32	14.33	22.65	46.00	-23.35	peak	V
365.5391	8.16	17.98	26.14	46.00	-19.86	peak	V
737.0714	8.51	25.73	34.24	46.00	-11.76	peak	V



REPORT No. : XM19030031W01

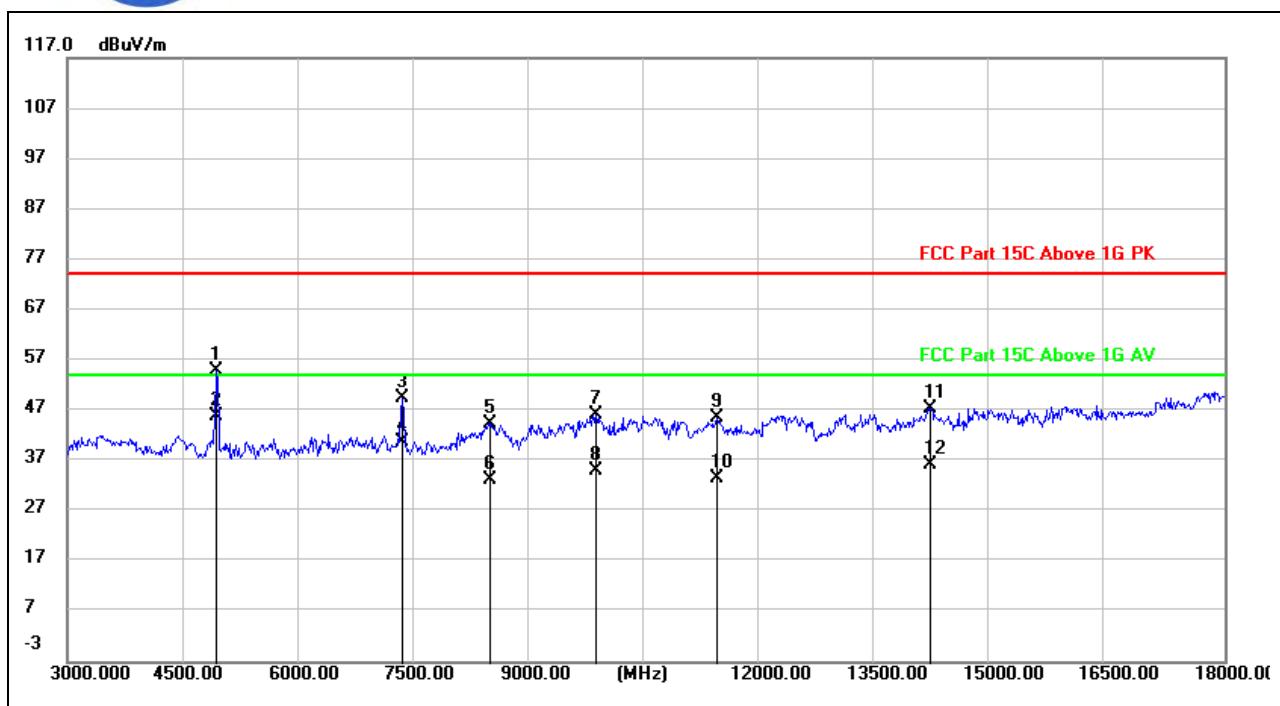


(802.11 n20 _2462MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1072.842	8.91	22.78	31.69	74.00	-42.31	peak	V
1072.842	0.89	22.78	23.67	54.00	-30.33	AVG	V
1314.629	9.96	23.98	33.94	74.00	-40.06	peak	V
1314.629	1.73	23.98	25.71	54.00	-28.29	AVG	V
1653.947	9.79	25.71	35.50	74.00	-38.50	peak	V
1653.947	1.55	25.71	27.26	54.00	-26.74	AVG	V
2037.861	11.27	27.24	38.51	74.00	-35.49	peak	V
2037.861	2.04	27.24	29.28	54.00	-24.72	AVG	V
2225.073	10.62	29.28	39.90	74.00	-34.10	peak	V
2225.073	1.87	29.28	31.15	54.00	-22.85	AVG	V
2735.540	11.07	31.94	43.01	74.00	-30.99	peak	V
2735.540	2.01	31.94	33.95	54.00	-20.05	AVG	V



REPORT No. : XM19030031W01

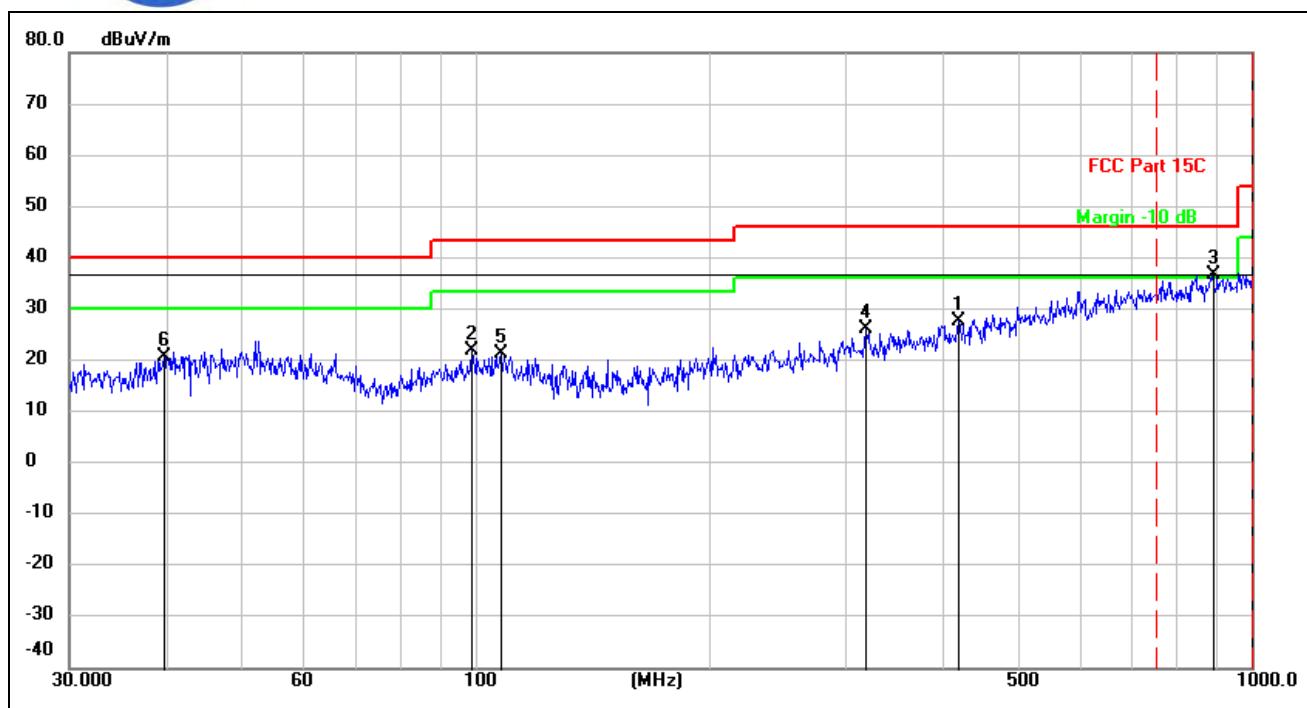


(802.11n20 _2462MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4935.000	57.68	-2.83	54.85	74.00	-19.15	peak	V
4935.000	48.72	-2.83	45.89	54.00	-8.11	Avg	V
7335.000	13.85	35.72	49.57	74.00	-24.43	peak	V
7335.000	4.98	35.72	40.70	54.00	-13.30	Avg	V
8475.000	7.75	36.55	44.30	74.00	-29.70	peak	V
8475.000	-3.29	36.55	33.26	54.00	-20.74	Avg	V
9855.000	8.91	37.32	46.23	74.00	-27.77	peak	V
9855.000	-2.27	37.32	35.05	54.00	-18.95	Avg	V
11430.000	7.86	37.64	45.50	74.00	-28.50	peak	V
11430.000	-4.02	37.64	33.62	54.00	-20.38	Avg	V
14190.000	7.31	40.09	47.40	74.00	-26.60	peak	V
14190.000	-3.89	40.09	36.20	54.00	-17.80	Avg	V



REPORT No. : XM19030031W01

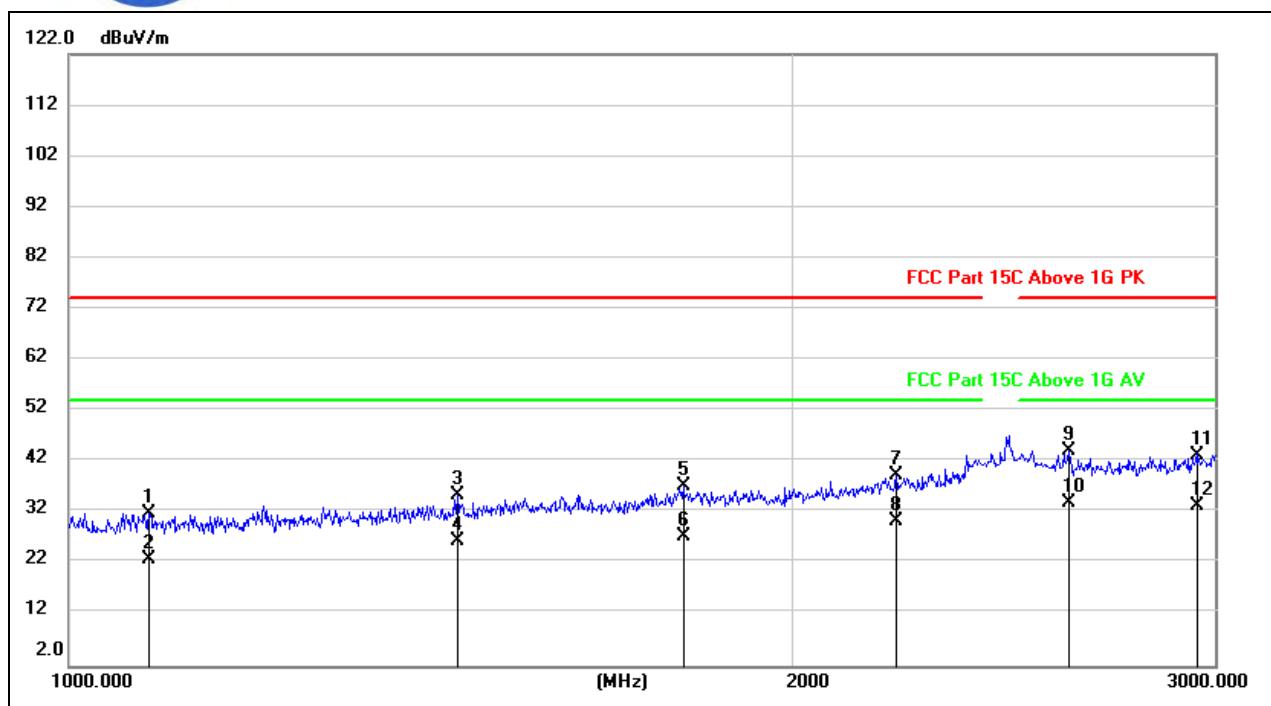


(802.11 n40 _2422MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
419.1081	7.67	20.16	27.83	46.00	-18.17	peak	H
98.8326	7.72	14.23	21.95	43.50	-21.55	peak	H
890.7278	8.86	27.86	36.72	46.00	-9.28	peak	H
318.8170	8.34	17.80	26.14	46.00	-19.86	peak	H
107.8877	6.75	14.57	21.32	43.50	-22.18	peak	H
39.7147	5.36	15.27	20.63	40.00	-19.37	peak	H



REPORT No. : XM19030031W01

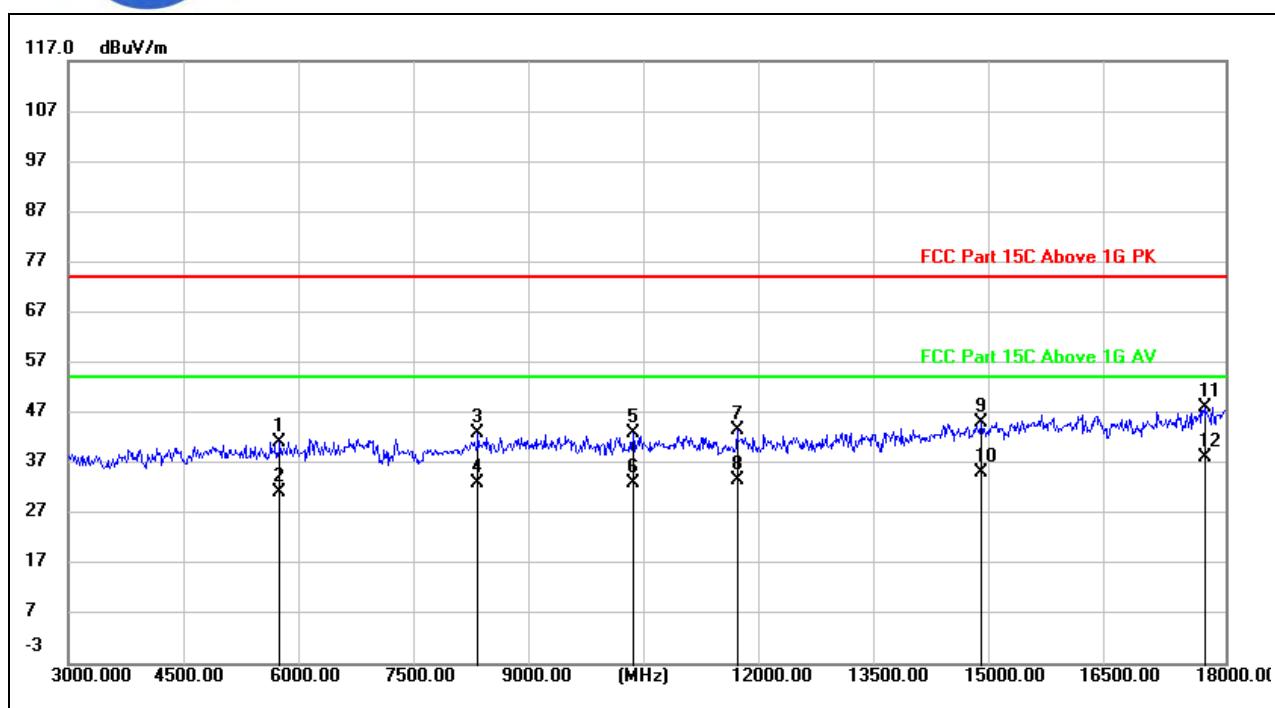


(802.11 n40 _2422MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1079.937	9.11	22.86	31.97	74.00	-42.03	peak	H
1079.937	0.04	22.86	22.90	54.00	-31.10	AVG	H
1451.256	11.07	24.48	35.55	74.00	-38.45	peak	H
1451.256	2.07	24.48	26.55	54.00	-27.45	AVG	H
1801.926	9.27	28.08	37.35	74.00	-36.65	peak	H
1801.926	-0.73	28.08	27.35	54.00	-26.65	AVG	H
2210.454	10.33	29.14	39.47	74.00	-34.53	peak	H
2210.454	1.30	29.14	30.44	54.00	-23.56	AVG	H
2606.452	11.41	32.64	44.05	74.00	-29.95	peak	H
2606.452	1.25	32.64	33.89	54.00	-20.11	AVG	H
2947.727	11.35	32.05	43.40	74.00	-30.60	peak	H
2947.727	1.29	32.05	33.34	54.00	-20.66	AVG	H



REPORT No. : XM19030031W01

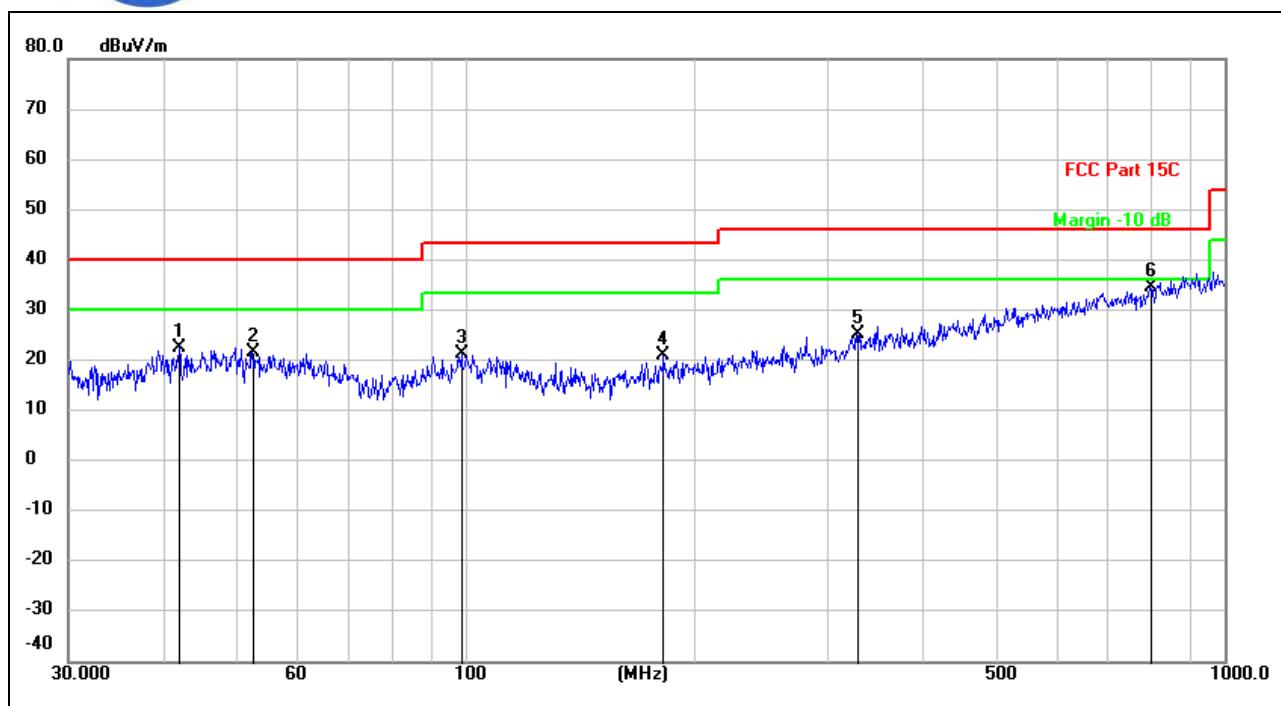


(802.11 n40 _2422MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
5745.000	43.94	-2.72	41.22	74.00	-32.78	peak	H
5745.000	33.28	-2.72	30.56	54.00	-23.44	AVG	H
8310.000	42.31	0.82	43.13	74.00	-30.87	peak	H
8310.000	32.05	0.82	32.87	54.00	-21.13	AVG	H
10320.000	41.10	2.03	43.13	74.00	-30.87	peak	H
10320.000	30.87	2.03	32.90	54.00	-21.10	AVG	H
11670.000	39.90	3.71	43.61	74.00	-30.39	peak	H
11670.000	29.04	3.71	32.75	54.00	-21.25	AVG	H
14835.000	36.11	8.95	45.06	74.00	-28.94	peak	H
14835.000	25.63	8.95	34.58	54.00	-19.42	AVG	H
17730.000	33.25	14.93	48.18	74.00	-25.82	peak	H
17730.000	22.02	14.93	36.95	54.00	-17.05	AVG	H



REPORT No. : XM19030031W01

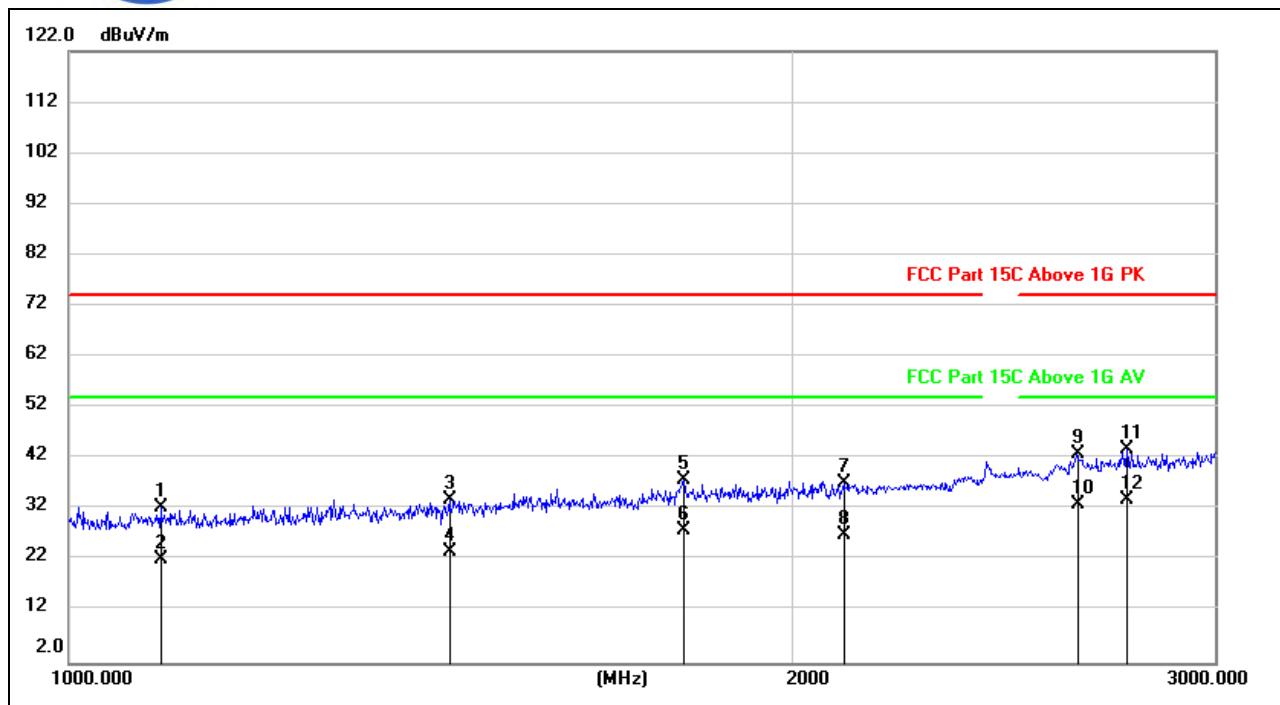


(802.11 n40 _2422MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
42.0066	7.33	15.09	22.42	40.00	-17.58	peak	V
52.3913	6.30	15.40	21.70	40.00	-18.30	peak	V
98.8326	7.16	14.23	21.39	43.50	-22.11	peak	V
182.5592	8.66	12.53	21.19	43.50	-22.31	peak	V
327.8873	8.17	17.19	25.36	46.00	-20.64	peak	V
796.1830	8.45	26.18	34.63	46.00	-11.37	peak	V



REPORT No. : XM19030031W01

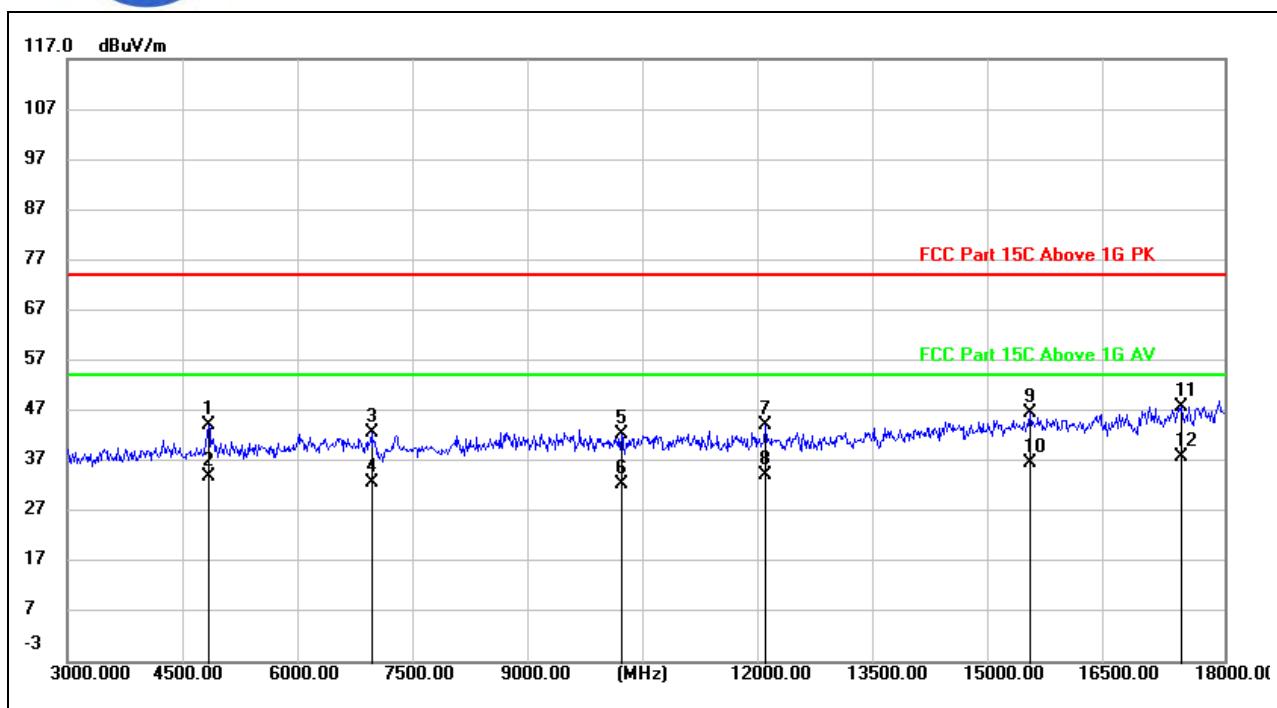


(802.11 n40 _2422MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1091.867	9.49	22.87	32.36	74.00	-41.64	peak	V
1091.867	-0.51	22.87	22.36	54.00	-31.64	AVG	V
1440.139	9.52	24.32	33.84	74.00	-40.16	peak	V
1440.139	-0.58	24.32	23.74	54.00	-30.26	AVG	V
1801.926	9.82	28.08	37.90	74.00	-36.10	peak	V
1801.926	-0.18	28.08	27.90	54.00	-26.10	AVG	V
2101.522	9.41	27.76	37.17	74.00	-36.83	peak	V
2101.522	-0.59	27.76	27.17	54.00	-26.83	AVG	V
2626.574	11.00	31.93	42.93	74.00	-31.07	peak	V
2626.574	1.00	31.93	32.93	54.00	-21.07	AVG	V
2756.658	12.00	31.90	43.90	74.00	-30.10	peak	V
2756.658	2.00	31.90	33.90	54.00	-20.10	AVG	V



REPORT No. : XM19030031W01

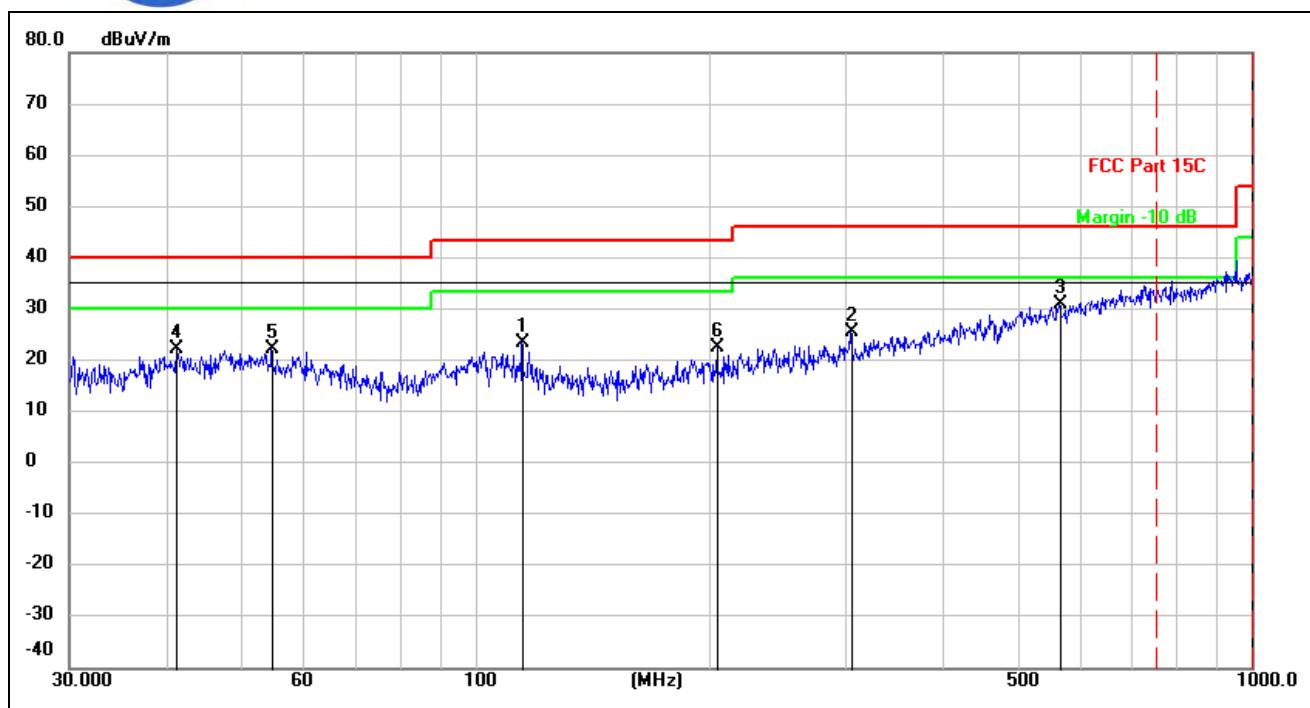


(802.11 n40 _2422MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4830.000	47.25	-3.17	44.08	74.00	-29.92	peak	V
4830.000	36.71	-3.17	33.54	54.00	-20.46	AVG	V
6945.000	43.23	-0.45	42.78	74.00	-31.22	peak	V
6945.000	32.59	-0.45	32.14	54.00	-21.86	AVG	V
10185.000	40.50	2.02	42.52	74.00	-31.48	peak	V
10185.000	30.02	2.02	32.04	54.00	-21.96	AVG	V
12045.000	39.40	4.86	44.26	74.00	-29.74	peak	V
12045.000	28.96	4.86	33.82	54.00	-20.18	AVG	V
15480.000	36.28	10.39	46.67	74.00	-27.33	peak	V
15480.000	26.03	10.39	36.42	54.00	-17.58	AVG	V
17445.000	34.11	13.72	47.83	74.00	-26.17	peak	V
17445.000	24.37	13.72	38.09	54.00	-15.91	AVG	V



REPORT No. : XM19030031W01

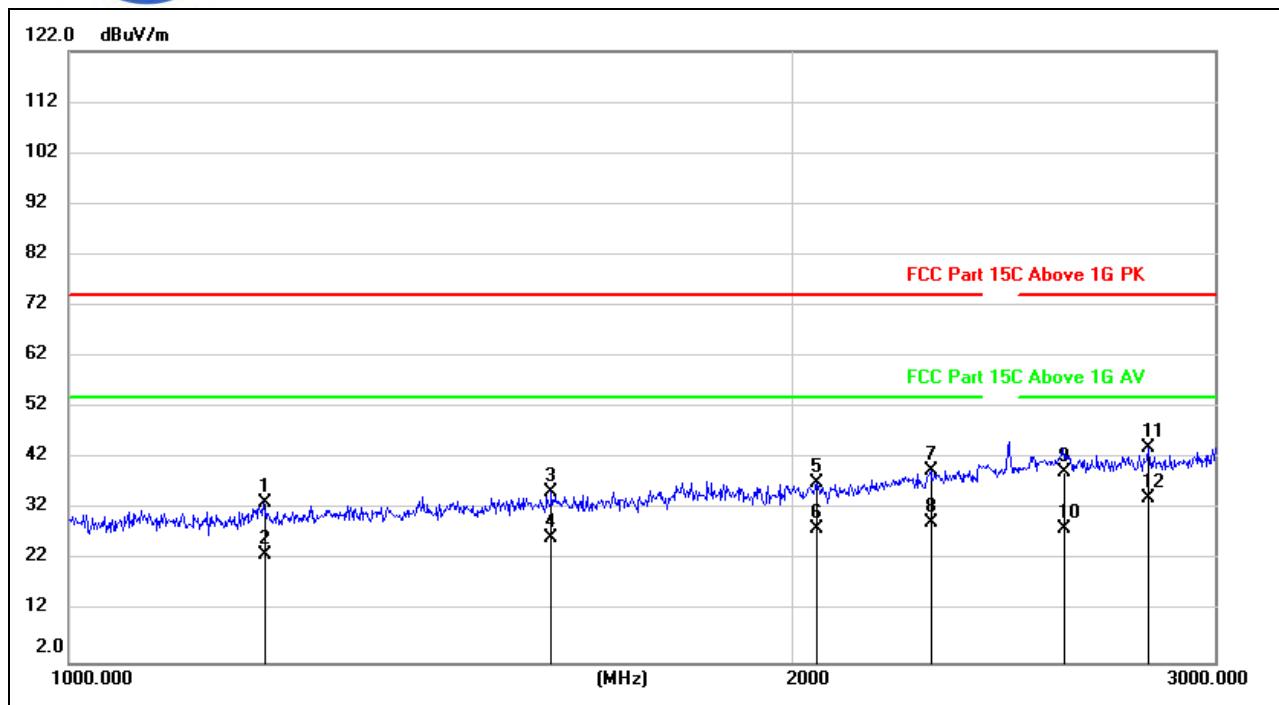


(802.11 n40 _2437MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
114.9169	10.53	13.01	23.54	43.50	-19.96	peak	H
304.6100	8.72	16.83	25.55	46.00	-20.45	peak	H
564.6389	8.04	22.89	30.93	46.00	-15.07	peak	H
41.2765	7.40	14.83	22.23	40.00	-17.77	peak	H
54.6429	7.18	15.21	22.39	40.00	-17.61	peak	H
204.9551	9.13	13.49	22.62	43.50	-20.88	peak	H



REPORT No. : XM19030031W01

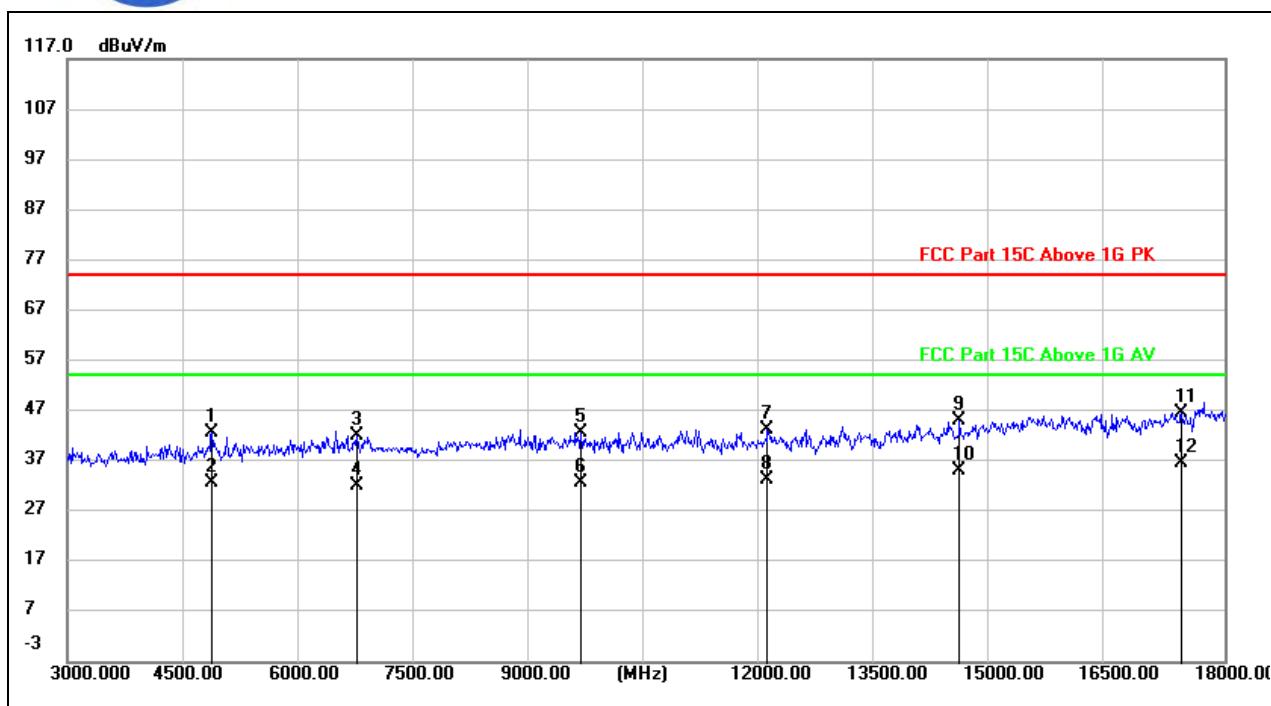


(802.11 n40 _2437MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1205.343	9.37	23.93	33.30	74.00	-40.70	peak	H
1205.343	-0.63	23.93	23.30	54.00	-30.70	AVG	H
1588.064	9.49	26.02	35.51	74.00	-38.49	peak	H
1588.064	0.49	26.02	26.51	54.00	-27.49	AVG	H
2046.836	10.02	27.30	37.32	74.00	-36.68	peak	H
2046.836	1.02	27.30	28.32	54.00	-25.68	AVG	H
2284.521	9.85	29.66	39.51	74.00	-34.49	peak	H
2284.521	-0.15	29.66	29.51	54.00	-24.49	AVG	H
2592.174	6.83	32.47	39.30	74.00	-34.70	peak	H
2592.174	-4.17	32.47	28.30	54.00	-25.70	AVG	H
2814.804	11.89	32.32	44.21	74.00	-29.79	peak	H
2814.804	1.89	32.32	34.21	54.00	-19.79	AVG	H



REPORT No. : XM19030031W01

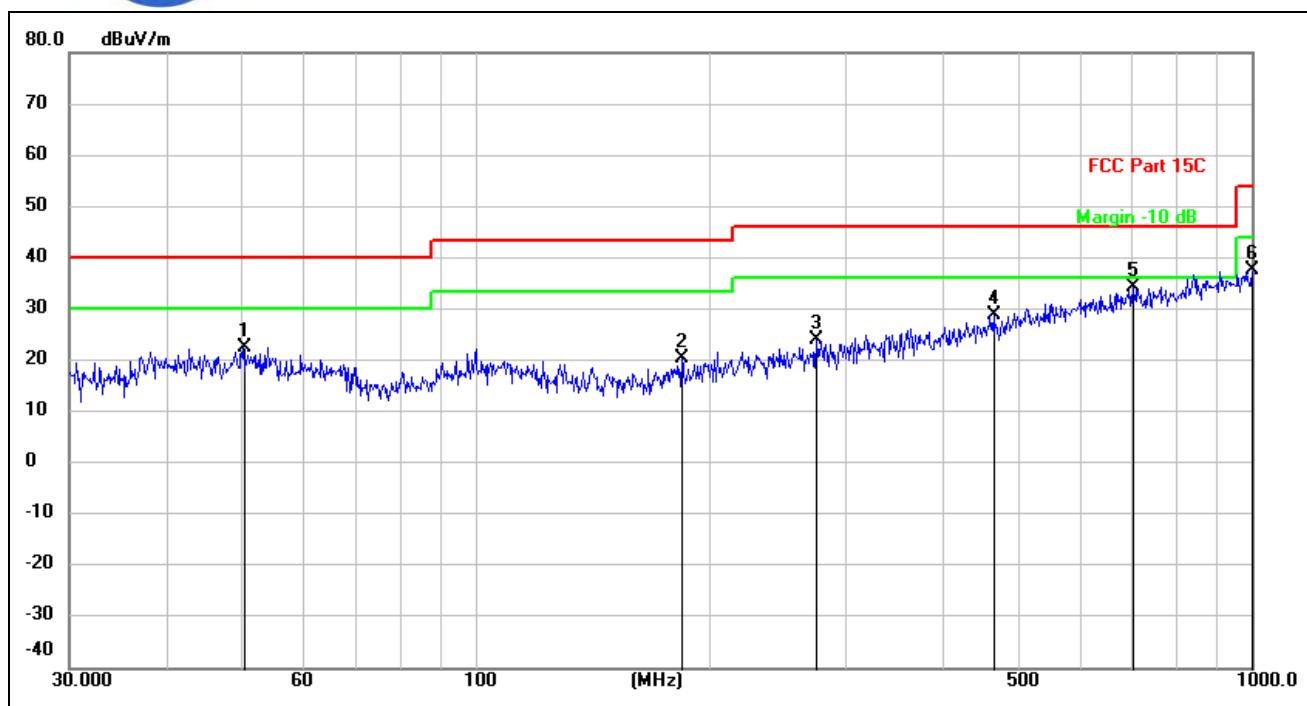


(802.11 n40 _2437MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4875.000	45.49	-2.86	42.63	74.00	-31.37	peak	H
4875.000	35.02	-2.86	32.16	54.00	-21.84	AVG	H
6750.000	43.15	-1.14	42.01	74.00	-31.99	peak	H
6750.000	32.83	-1.14	31.69	54.00	-22.31	AVG	H
9660.000	41.08	1.67	42.75	74.00	-31.25	peak	H
9660.000	30.94	1.67	32.61	54.00	-21.39	AVG	H
12075.000	39.16	4.18	43.34	74.00	-30.66	peak	H
12075.000	29.02	4.18	33.20	54.00	-20.80	AVG	H
14565.000	36.38	8.63	45.01	74.00	-28.99	peak	H
14565.000	26.52	8.63	35.15	54.00	-18.85	AVG	H
17445.000	33.27	13.27	46.54	74.00	-27.46	peak	H
17445.000	22.93	13.27	36.20	54.00	-17.80	AVG	H



REPORT No. : XM19030031W01

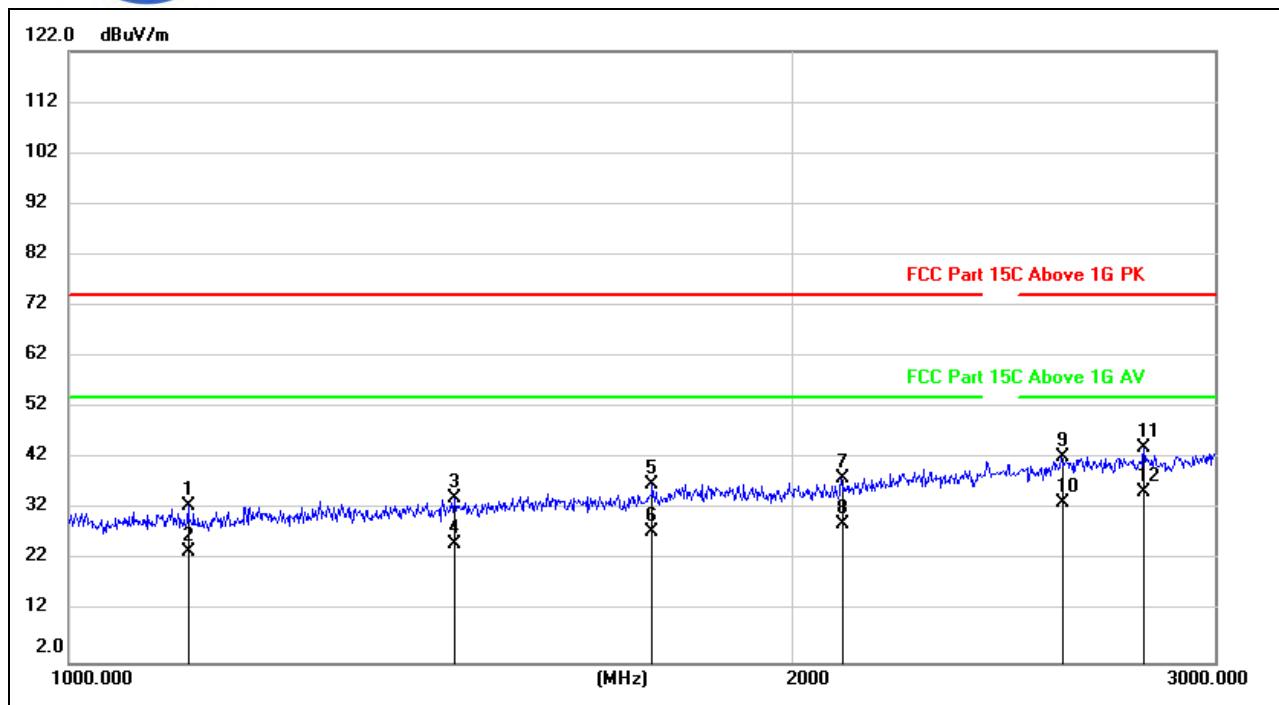


(802.11 n40 _2437MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
50.2325	6.55	16.11	22.66	40.00	-17.34	peak	V
184.4898	8.26	12.22	20.48	43.50	-23.02	peak	V
275.1570	8.62	15.52	24.14	46.00	-21.86	peak	V
465.5994	8.73	20.25	28.98	46.00	-17.02	peak	V
704.2261	9.35	24.90	34.25	46.00	-11.75	peak	V
1000.0000	9.15	28.63	37.78	54.00	-16.22	peak	V



REPORT No. : XM19030031W01

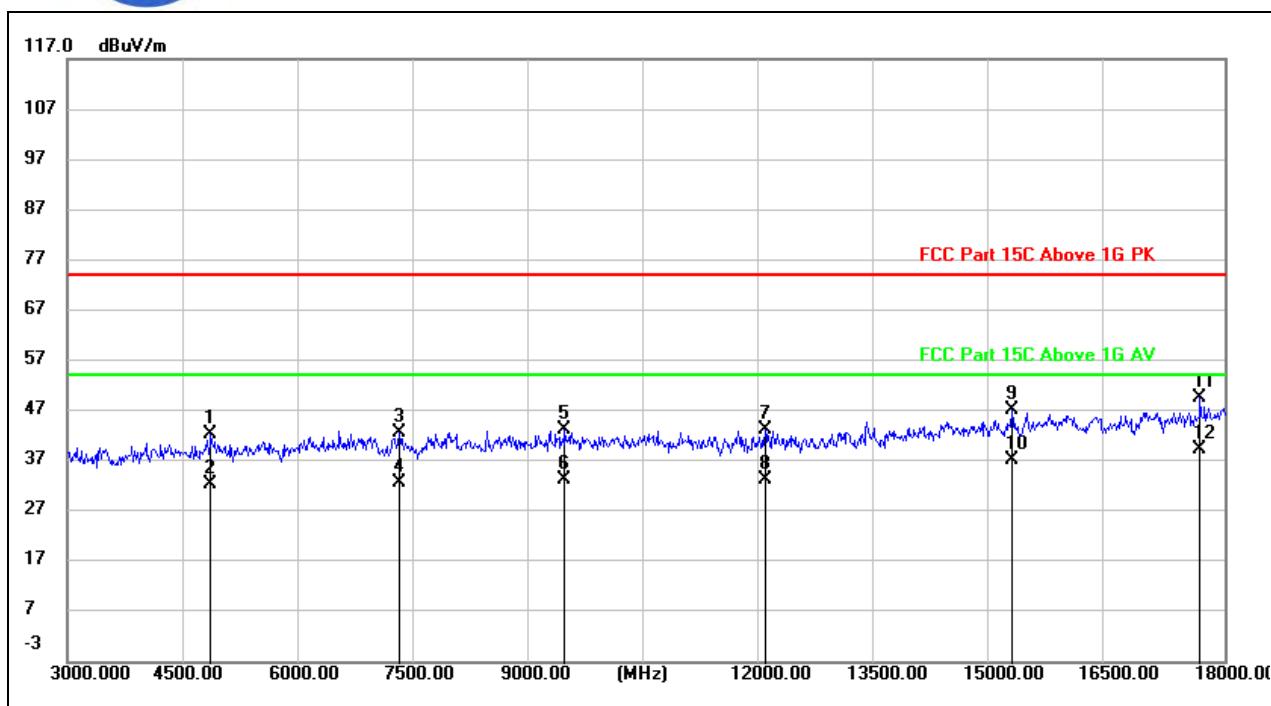


(802.11 n40 _2437MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1121.039	10.16	22.72	32.88	74.00	-41.12	peak	V
1121.039	1.07	22.72	23.79	54.00	-30.21	AVG	V
1448.071	9.92	24.43	34.35	74.00	-39.65	peak	V
1448.071	0.86	24.43	25.29	54.00	-28.71	AVG	V
1749.261	10.71	26.29	37.00	74.00	-37.00	peak	V
1749.261	1.43	26.29	27.72	54.00	-26.28	AVG	V
2096.910	10.40	27.71	38.11	74.00	-35.89	peak	V
2096.910	1.32	27.71	29.03	54.00	-24.97	AVG	V
2589.328	9.97	32.28	42.25	74.00	-31.75	peak	V
2589.328	1.00	32.28	33.28	54.00	-20.72	AVG	V
2802.462	10.54	33.47	44.01	74.00	-29.99	peak	V
2802.462	1.98	33.47	35.45	54.00	-18.55	AVG	V



REPORT No. : XM19030031W01

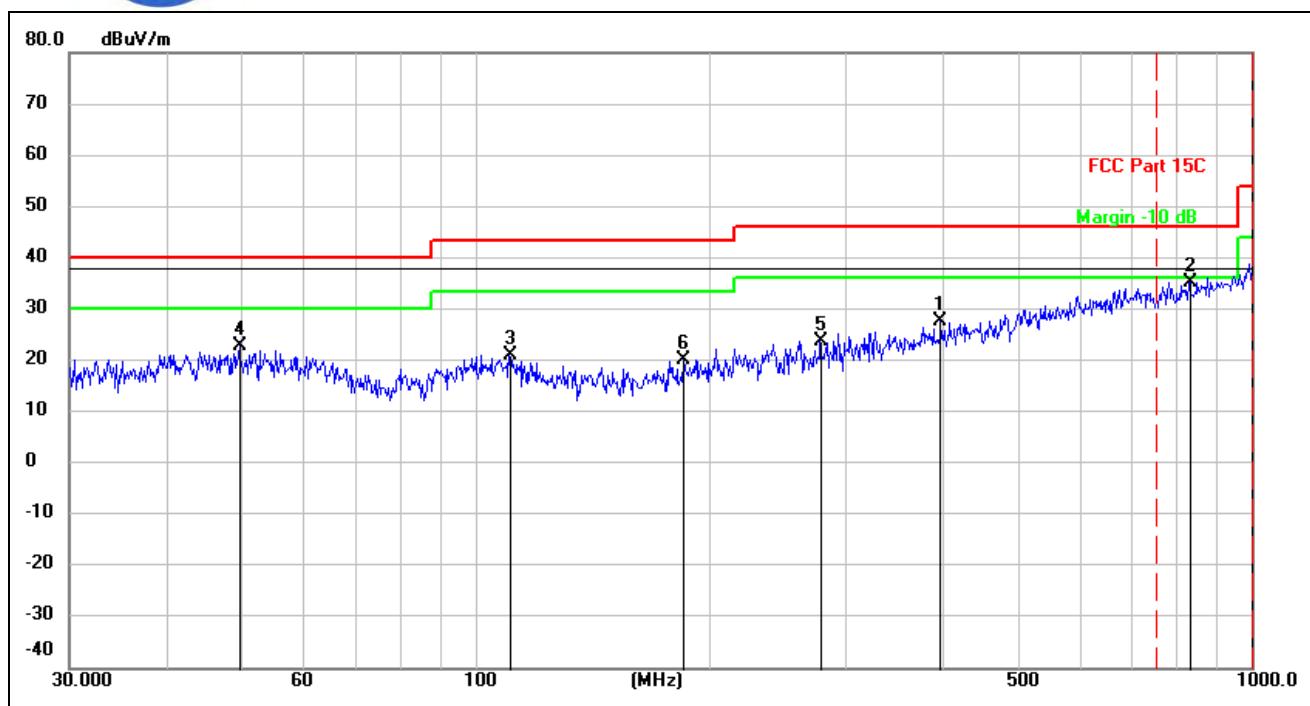


(802.11 n40 _2437MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4860.000	45.42	-2.95	42.47	74.00	-31.53	peak	V
4860.000	35.07	-2.95	32.12	54.00	-21.88	Avg	V
7305.000	42.93	-0.26	42.67	74.00	-31.33	peak	V
7305.000	32.15	-0.26	31.89	54.00	-22.11	Avg	V
9450.000	41.20	2.09	43.29	74.00	-30.71	peak	V
9450.000	31.02	2.09	33.11	54.00	-20.89	Avg	V
12045.000	38.51	4.86	43.37	74.00	-30.63	peak	V
12045.000	28.03	4.86	32.89	54.00	-21.11	Avg	V
15240.000	37.41	9.81	47.22	74.00	-26.78	peak	V
15240.000	27.36	9.81	37.17	54.00	-16.83	Avg	V
17685.000	35.44	14.02	49.46	74.00	-24.54	peak	V
17685.000	24.87	14.02	38.89	54.00	-15.11	Avg	V



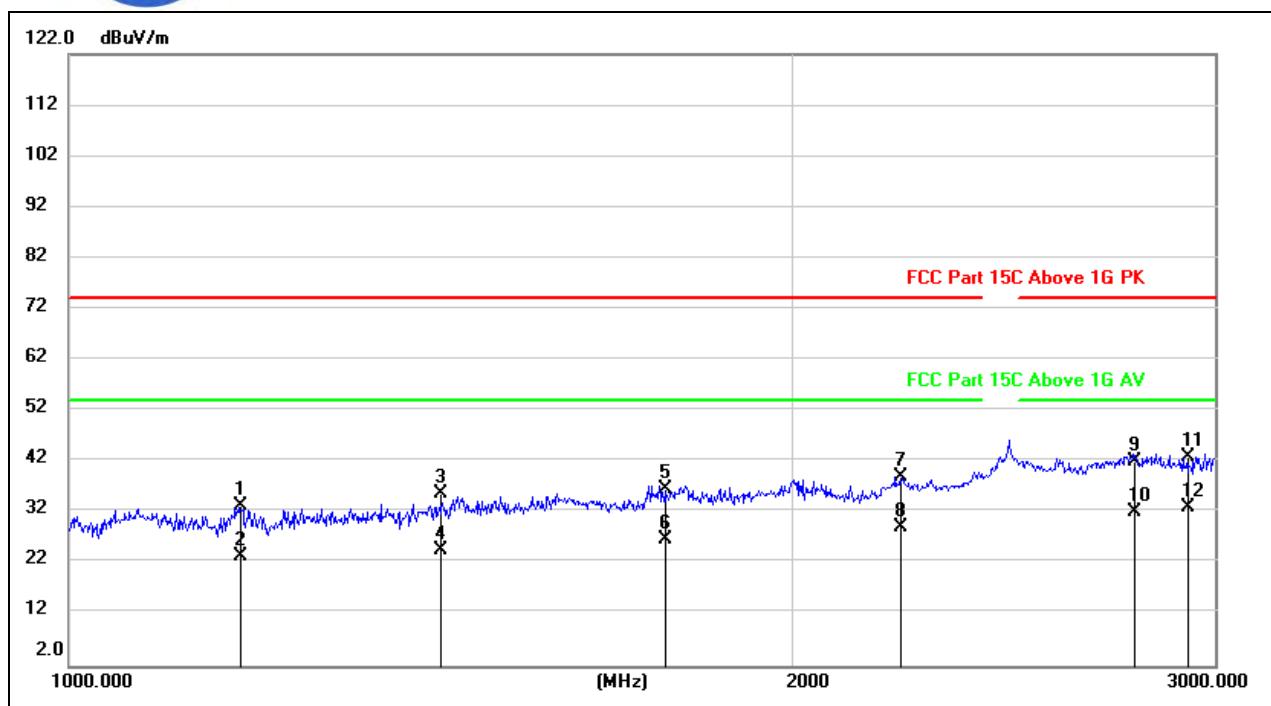
REPORT No. : XM19030031W01



Frequency (MHz)	Reading (dB _{uV})	Factor (dB/m)	Level (dB _{uV/m})	Limit (dB _{uV/m})	Margin (dB)	Det.	Pol
397.6334	8.36	19.43	27.79	46.00	-18.21	peak	H
833.3171	8.63	26.57	35.20	46.00	-10.80	peak	H
110.5687	6.31	14.70	21.01	43.50	-22.49	peak	H
49.7068	6.85	16.02	22.87	40.00	-17.13	peak	H
278.0669	7.58	16.22	23.80	46.00	-22.20	peak	H
185.7882	7.76	12.42	20.18	43.50	-23.32	peak	H



REPORT No. : XM19030031W01

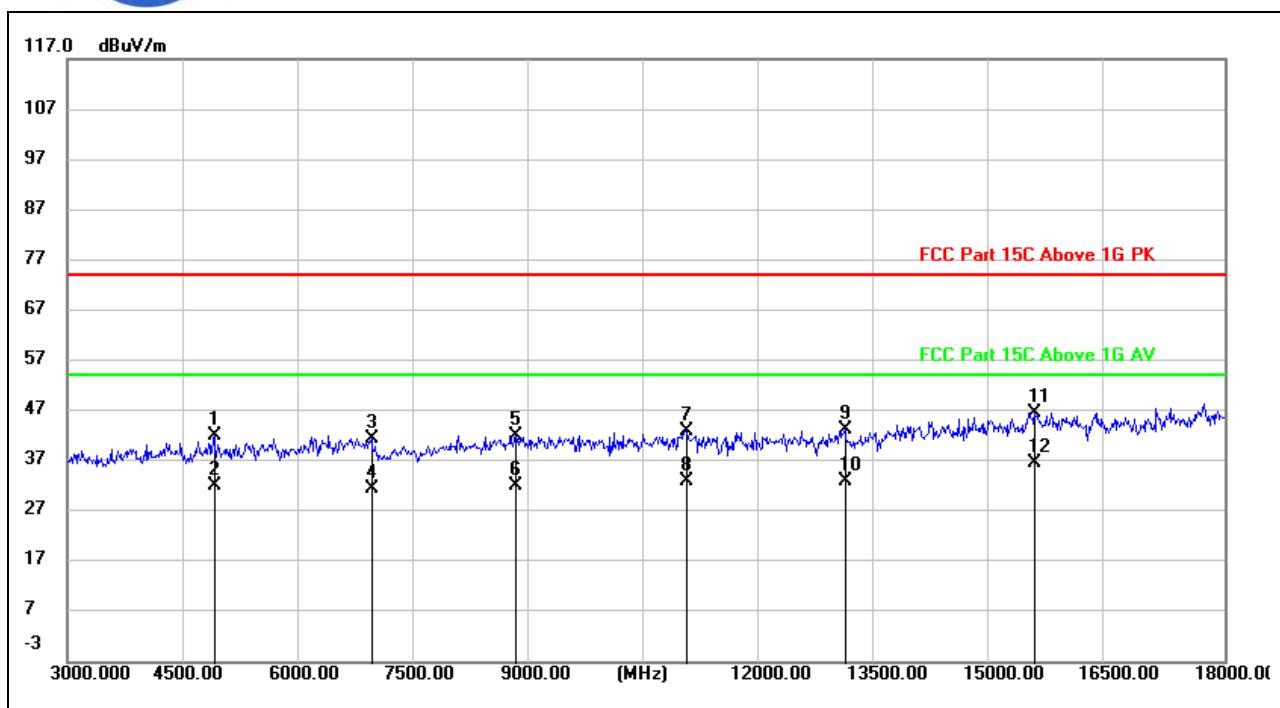


(802.11n40 _2452MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1178.251	10.66	22.76	33.42	74.00	-40.58	peak	H
1178.251	0.21	22.76	22.97	54.00	-31.03	AVG	H
1427.256	11.58	24.22	35.80	74.00	-38.20	peak	H
1427.256	0.45	24.22	24.67	54.00	-29.33	AVG	H
1769.341	10.15	26.53	36.68	74.00	-37.32	peak	H
1769.341	0.09	26.53	26.62	54.00	-27.38	AVG	H
2219.027	9.88	29.25	39.13	74.00	-34.87	peak	H
2219.027	-0.12	29.25	29.13	54.00	-24.87	AVG	H
2777.658	10.14	31.88	42.02	74.00	-31.98	peak	H
2777.658	0.01	31.88	31.89	54.00	-22.11	AVG	H
2924.491	10.93	31.99	42.92	74.00	-31.08	peak	H
2924.491	0.25	31.99	32.24	54.00	-21.76	AVG	H



REPORT No. : XM19030031W01

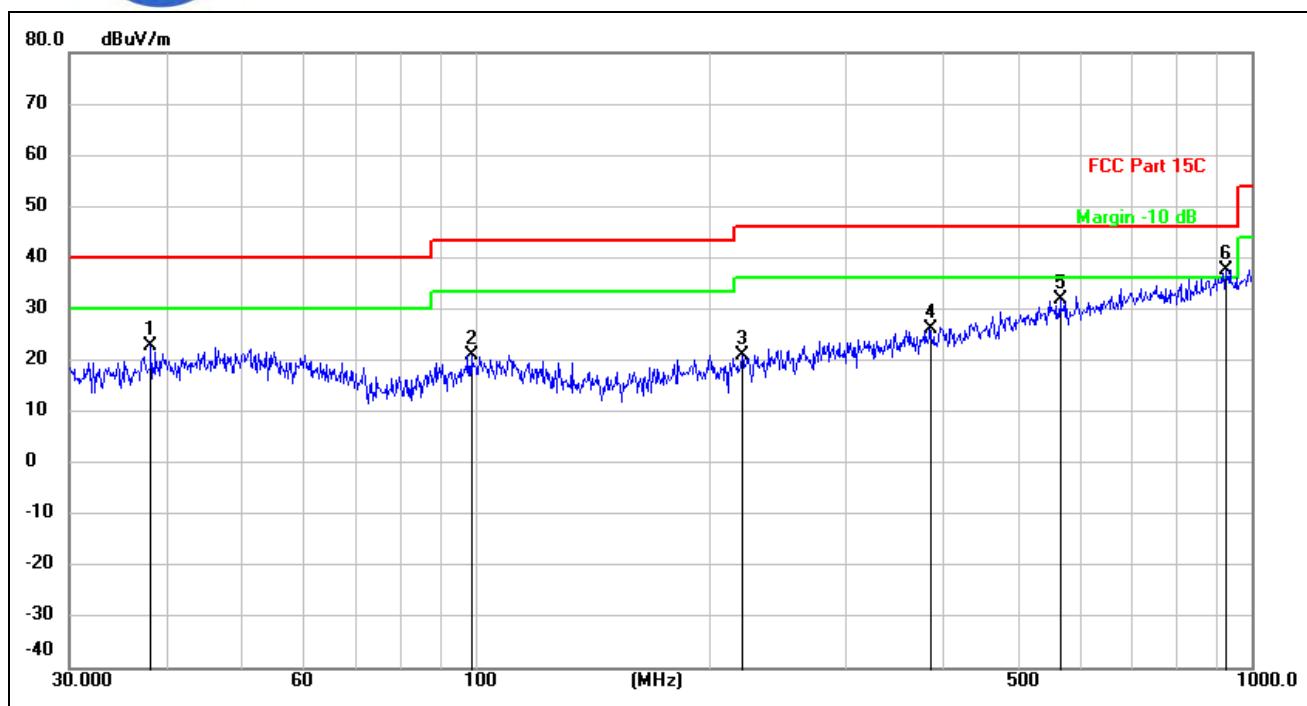


(802.11n40 _2452MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4905.000	44.87	-2.69	42.18	74.00	-31.82	peak	H
4905.000	34.29	-2.69	31.60	54.00	-22.40	AVG	H
6945.000	42.10	-0.52	41.58	74.00	-32.42	peak	H
6945.000	31.75	-0.52	31.23	54.00	-22.77	AVG	H
8805.000	40.62	1.50	42.12	74.00	-31.88	peak	H
8805.000	29.89	1.50	31.39	54.00	-22.61	AVG	H
11025.000	39.53	3.45	42.98	74.00	-31.02	peak	H
11025.000	29.07	3.45	32.52	54.00	-21.48	AVG	H
13080.000	36.84	6.31	43.15	74.00	-30.85	peak	H
13080.000	25.98	6.31	32.29	54.00	-21.71	AVG	H
15540.000	35.55	11.07	46.62	74.00	-27.38	peak	H
15540.000	25.01	11.07	36.08	54.00	-17.92	AVG	H



REPORT No. : XM19030031W01

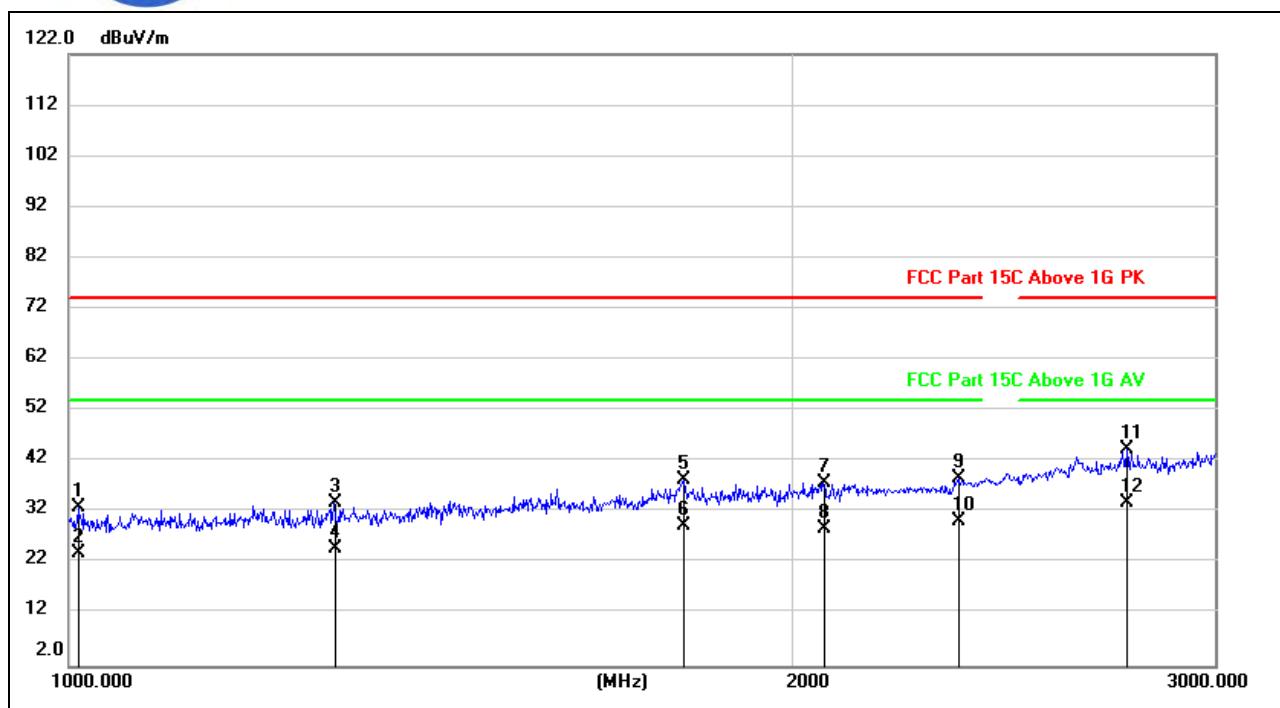


(802.11n40 _2452MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dB _{uV})	Factor (dB/m)	Level (dB _{uV/m})	Limit (dB _{uV/m})	Margin (dB)	Det.	Pol
38.2120	8.95	14.02	22.97	40.00	-17.03	peak	V
98.8326	6.87	14.23	21.10	43.50	-22.40	peak	V
220.6171	6.51	14.69	21.20	46.00	-24.80	peak	V
385.2805	7.52	18.59	26.11	46.00	-19.89	peak	V
566.6223	8.82	22.96	31.78	46.00	-14.22	peak	V
925.7563	9.49	28.04	37.53	46.00	-8.47	peak	V



REPORT No. : XM19030031W01

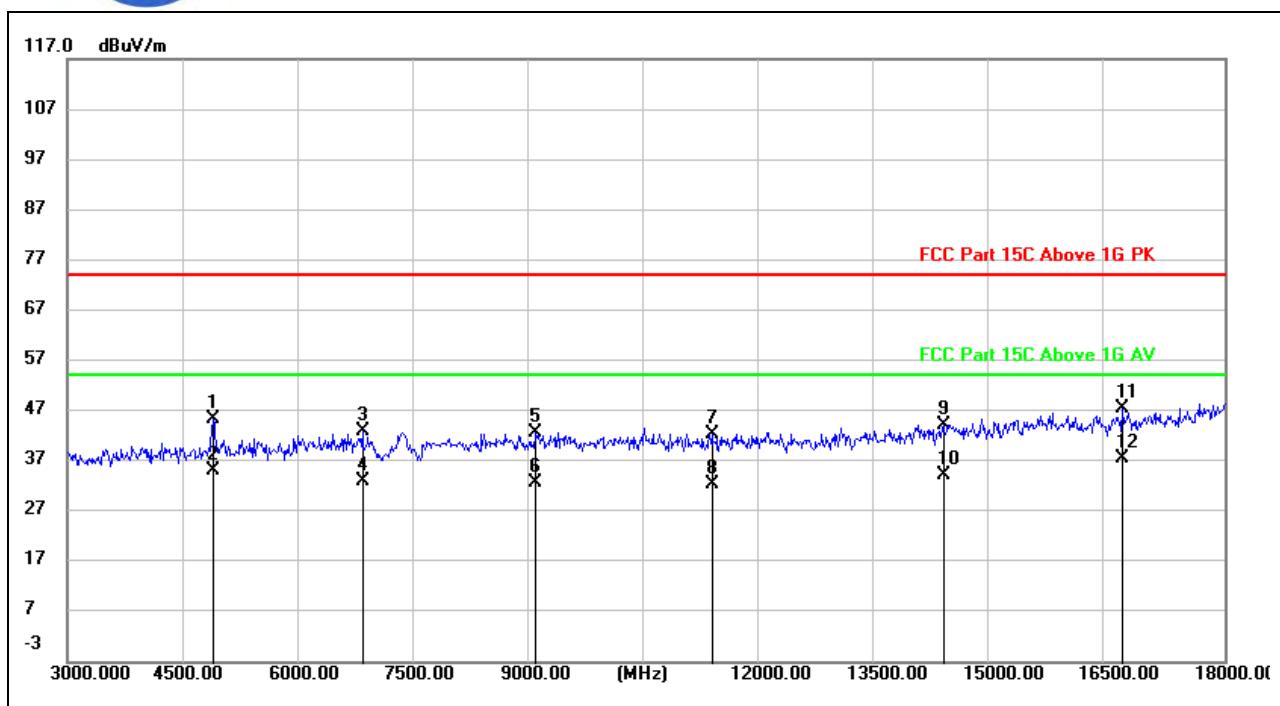


(802.11n40 _2452MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1008.827	10.66	22.39	33.05	74.00	-40.95	peak	V
1008.827	1.63	22.39	24.02	54.00	-29.98	AVG	V
1288.888	9.97	23.91	33.88	74.00	-40.12	peak	V
1288.888	1.08	23.91	24.99	54.00	-29.01	AVG	V
1801.926	10.32	28.08	38.40	74.00	-35.60	peak	V
1801.926	1.51	28.08	29.59	54.00	-24.41	AVG	V
2060.373	10.57	27.37	37.94	74.00	-36.06	peak	V
2060.373	1.47	27.37	28.84	54.00	-25.16	AVG	V
2345.558	8.78	30.00	38.78	74.00	-35.22	peak	V
2345.558	0.33	30.00	30.33	54.00	-23.67	AVG	V
2756.658	12.50	31.90	44.40	74.00	-29.60	peak	V
2756.658	2.10	31.90	34.00	54.00	-20.00	AVG	V



REPORT No. : XM19030031W01



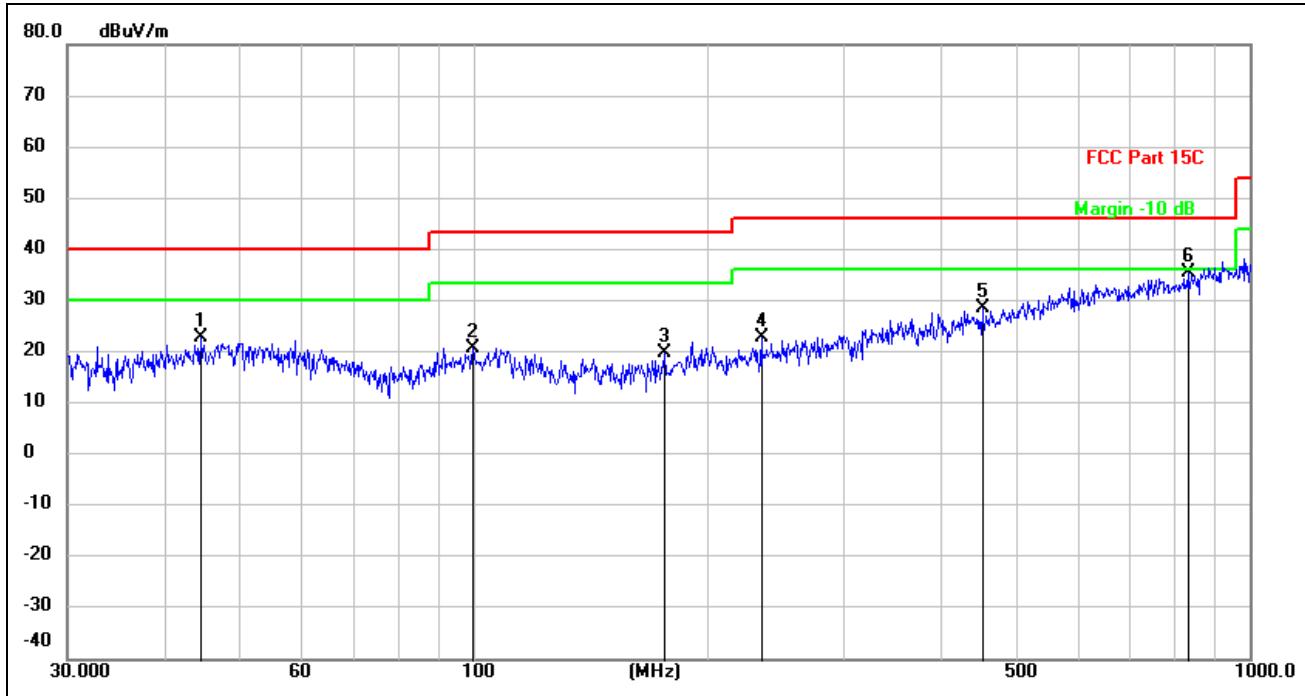
(802.11n40 _2452MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4890.000	48.02	-2.76	45.26	74.00	-28.74	peak	V
4890.000	37.78	-2.76	35.02	54.00	-18.98	AVG	V
6825.000	43.85	-0.92	42.93	74.00	-31.07	peak	V
6825.000	33.02	-0.92	32.10	54.00	-21.90	AVG	V
9075.000	41.58	1.12	42.70	74.00	-31.30	peak	V
9075.000	30.54	1.12	31.66	54.00	-22.34	AVG	V
11355.000	39.47	2.85	42.32	74.00	-31.68	peak	V
11355.000	28.95	2.85	31.80	54.00	-22.20	AVG	V
14355.000	35.18	9.11	44.29	74.00	-29.71	peak	V
14355.000	24.23	9.11	33.34	54.00	-20.66	AVG	V
16680.000	35.75	11.69	47.44	74.00	-26.56	peak	V
16680.000	23.41	11.69	35.10	54.00	-18.90	AVG	V



REPORT No. : XM19030031W01

Mode 2: GSM 850 Link + WiFi Link

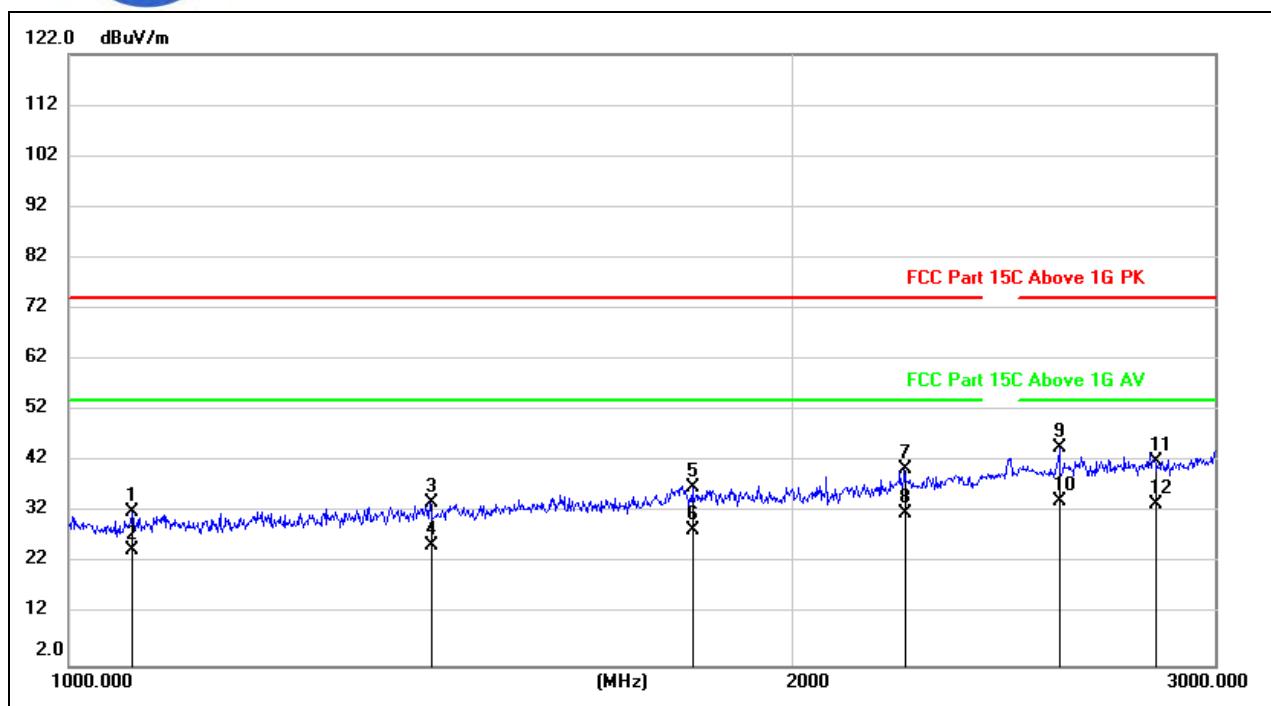


(802.11b _2412MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
44.5868	7.49	15.36	22.85	40.00	-17.15	peak	H
99.8777	5.76	15.09	20.85	43.50	-22.65	peak	H
176.2686	7.99	11.76	19.75	43.50	-23.75	peak	H
234.9909	8.46	14.55	23.01	46.00	-22.99	peak	H
452.7197	8.90	19.76	28.66	46.00	-17.34	peak	H
833.3171	8.91	26.57	35.48	46.00	-10.52	peak	H



REPORT No. : XM19030031W01

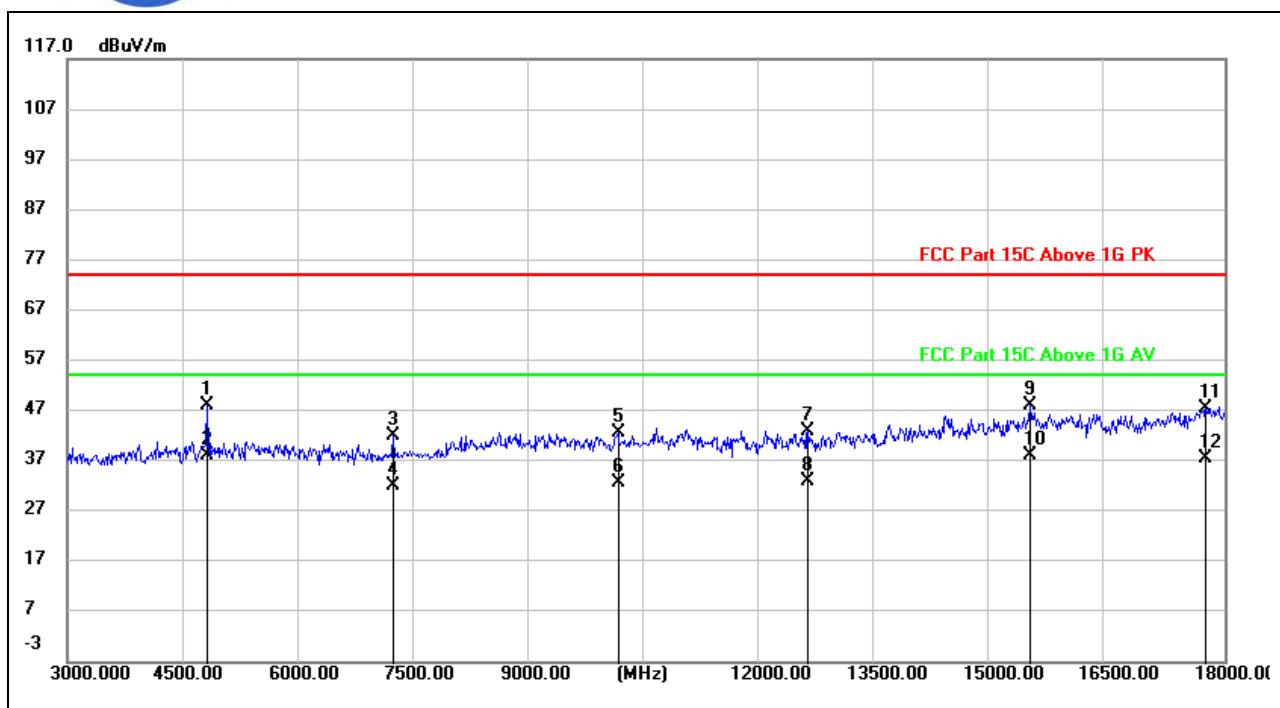


(802.11b _2412MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1062.286	9.52	22.66	32.18	74.00	-41.82	peak	H
1062.286	2.04	22.66	24.70	54.00	-29.30	AVG	H
1413.492	9.64	24.40	34.04	74.00	-39.96	peak	H
1413.492	1.17	24.40	25.57	54.00	-28.43	AVG	H
1817.833	9.97	27.09	37.06	74.00	-36.94	peak	H
1817.833	1.33	27.09	28.42	54.00	-25.58	AVG	H
2227.519	11.20	29.29	40.49	74.00	-33.51	peak	H
2227.519	2.54	29.29	31.83	54.00	-22.17	AVG	H
2583.644	12.88	31.90	44.78	74.00	-29.22	peak	H
2583.644	2.47	31.90	34.37	54.00	-19.63	AVG	H
2830.309	10.20	31.86	42.06	74.00	-31.94	peak	H
2830.309	1.77	31.86	33.63	54.00	-20.37	AVG	H



REPORT No. : XM19030031W01

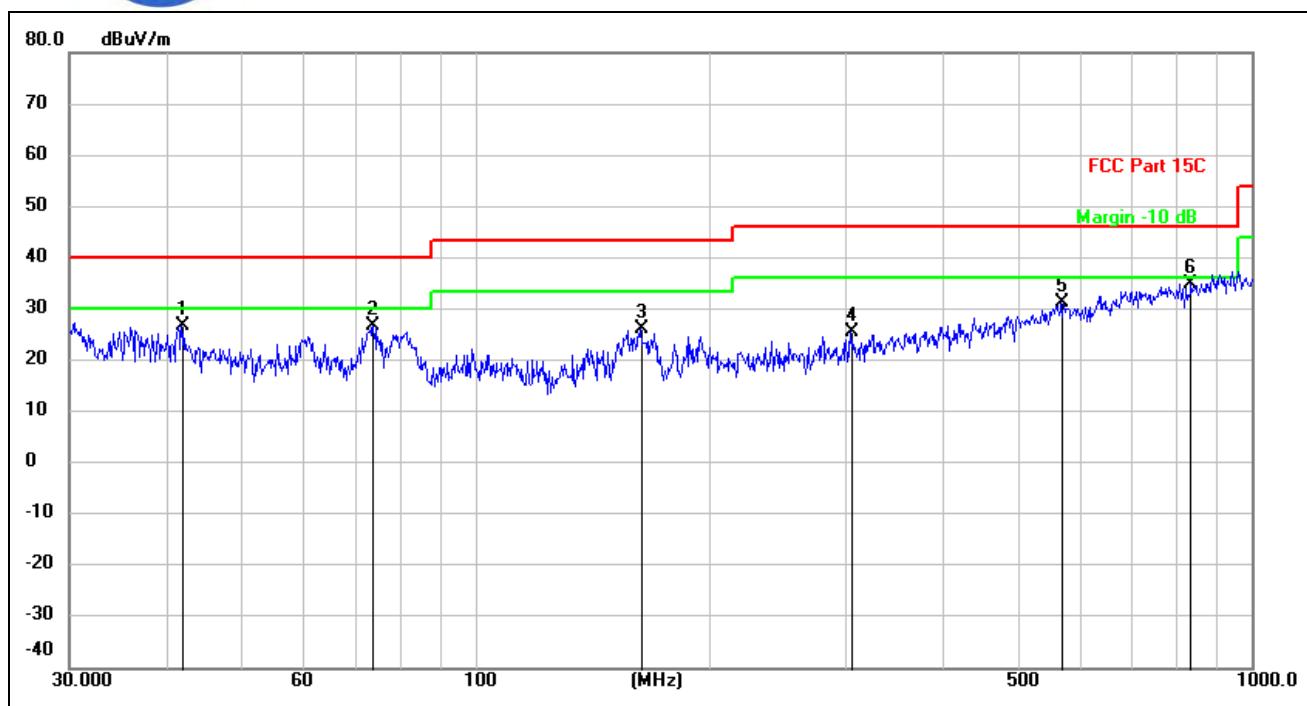


(802.11b _2412MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4815.000	51.43	-3.28	48.15	74.00	-25.85	peak	H
4815.000	40.85	-3.28	37.57	54.00	-16.43	AVG	H
7230.000	42.39	-0.36	42.03	74.00	-31.97	peak	H
7230.000	31.46	-0.36	31.10	54.00	-22.90	AVG	H
10140.000	40.53	2.10	42.63	74.00	-31.37	peak	H
10140.000	29.69	2.10	31.79	54.00	-22.21	AVG	H
12600.000	38.50	4.49	42.99	74.00	-31.01	peak	H
12600.000	28.27	4.49	32.76	54.00	-21.24	AVG	H
15480.000	36.93	11.11	48.04	74.00	-25.96	peak	H
15480.000	25.26	11.11	36.37	54.00	-17.63	AVG	H
17760.000	32.40	15.19	47.59	74.00	-26.41	peak	H
17760.000	22.14	15.19	37.33	54.00	-16.67	AVG	H



REPORT No. : XM19030031W01

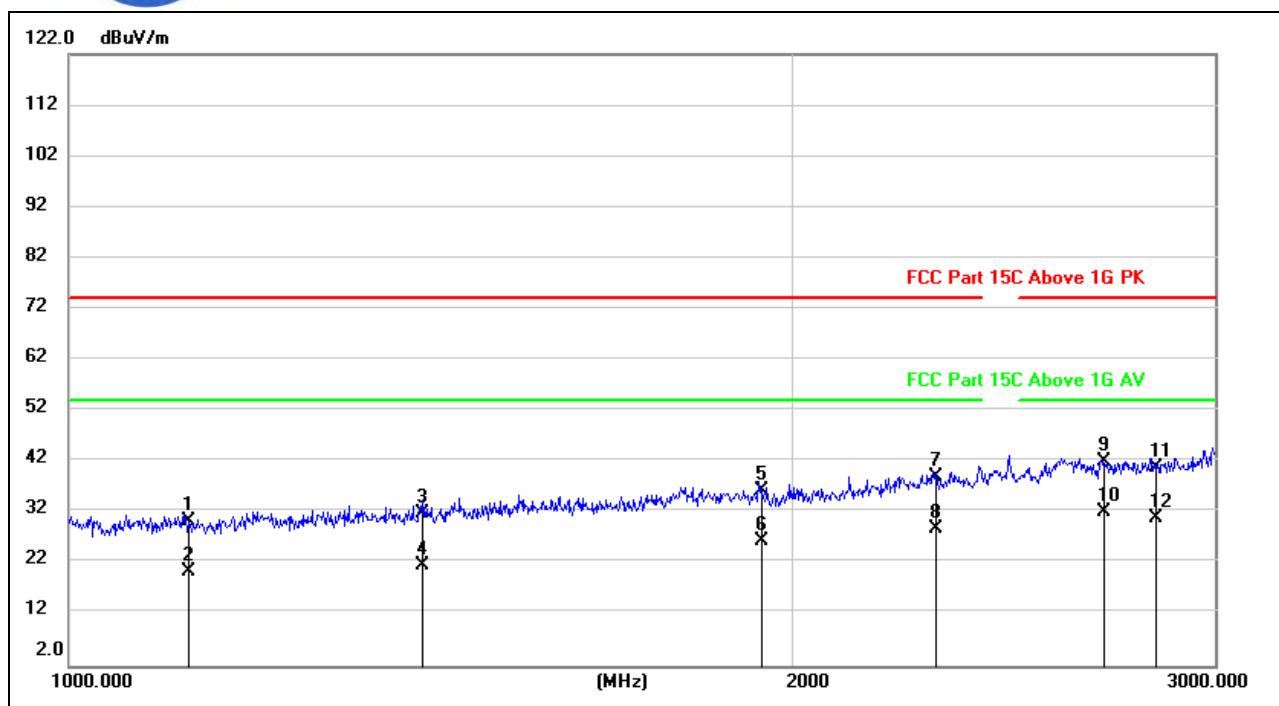


(802.11b _2412MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dB _{uV})	Factor (dB/m)	Level (dB _{uV/m})	Limit (dB _{uV/m})	Margin (dB)	Det.	Pol
41.8596	11.74	15.04	26.78	40.00	-13.22	peak	V
73.8756	16.59	10.06	26.65	40.00	-13.35	peak	V
163.1818	14.75	11.47	26.22	43.50	-17.28	peak	V
304.6100	8.73	16.83	25.56	46.00	-20.44	peak	V
568.6127	8.29	22.91	31.20	46.00	-14.80	peak	V
836.2443	8.25	26.65	34.90	46.00	-11.10	peak	V



REPORT No. : XM19030031W01

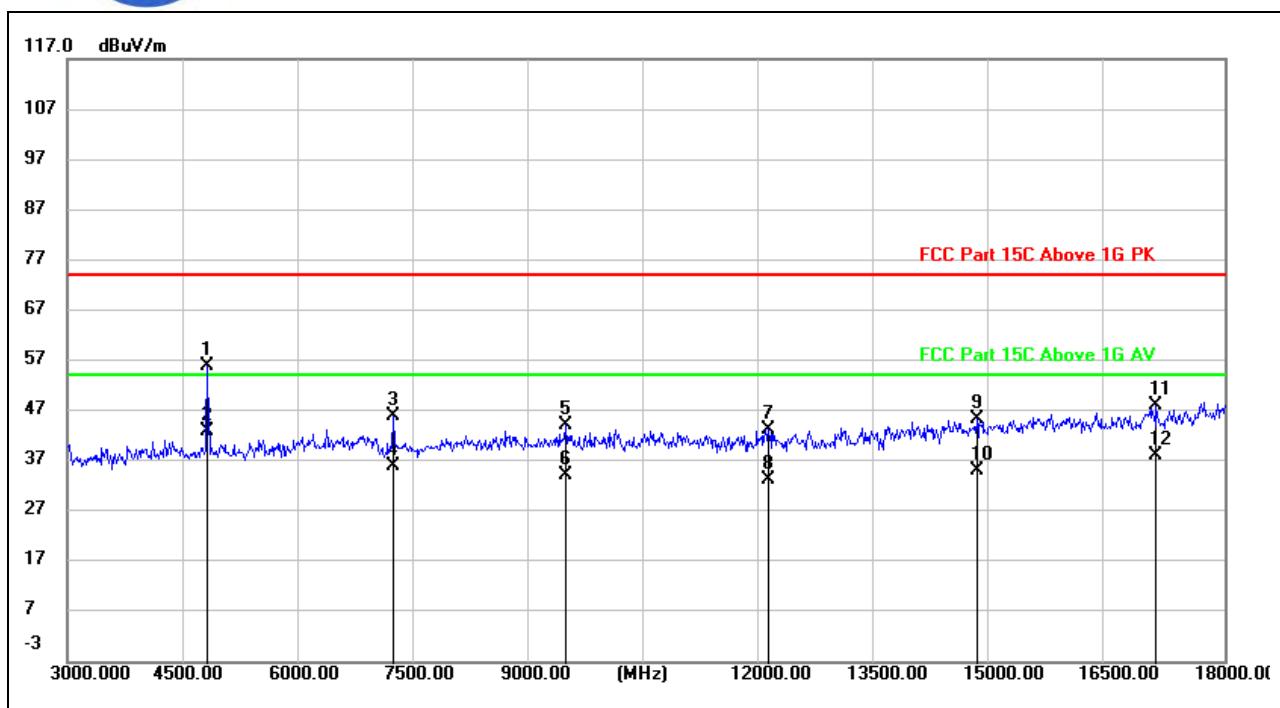


(802.11b _2412MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1121.039	7.63	22.72	30.35	74.00	-43.65	peak	V
1121.039	-2.37	22.72	20.35	54.00	-33.65	Avg	V
1402.663	6.98	24.80	31.78	74.00	-42.22	peak	V
1402.663	-3.02	24.80	21.78	54.00	-32.22	Avg	V
1941.696	9.34	27.08	36.42	74.00	-37.58	peak	V
1941.696	-0.66	27.08	26.42	54.00	-27.58	Avg	V
2292.063	9.27	29.72	38.99	74.00	-35.01	peak	V
2292.063	-0.73	29.72	28.99	54.00	-25.01	Avg	V
2693.788	9.94	32.09	42.03	74.00	-31.97	peak	V
2693.788	-0.06	32.09	32.03	54.00	-21.97	Avg	V
2830.309	9.14	31.86	41.00	74.00	-33.00	peak	V
2830.309	-0.86	31.86	31.00	54.00	-23.00	Avg	V



REPORT No. : XM19030031W01

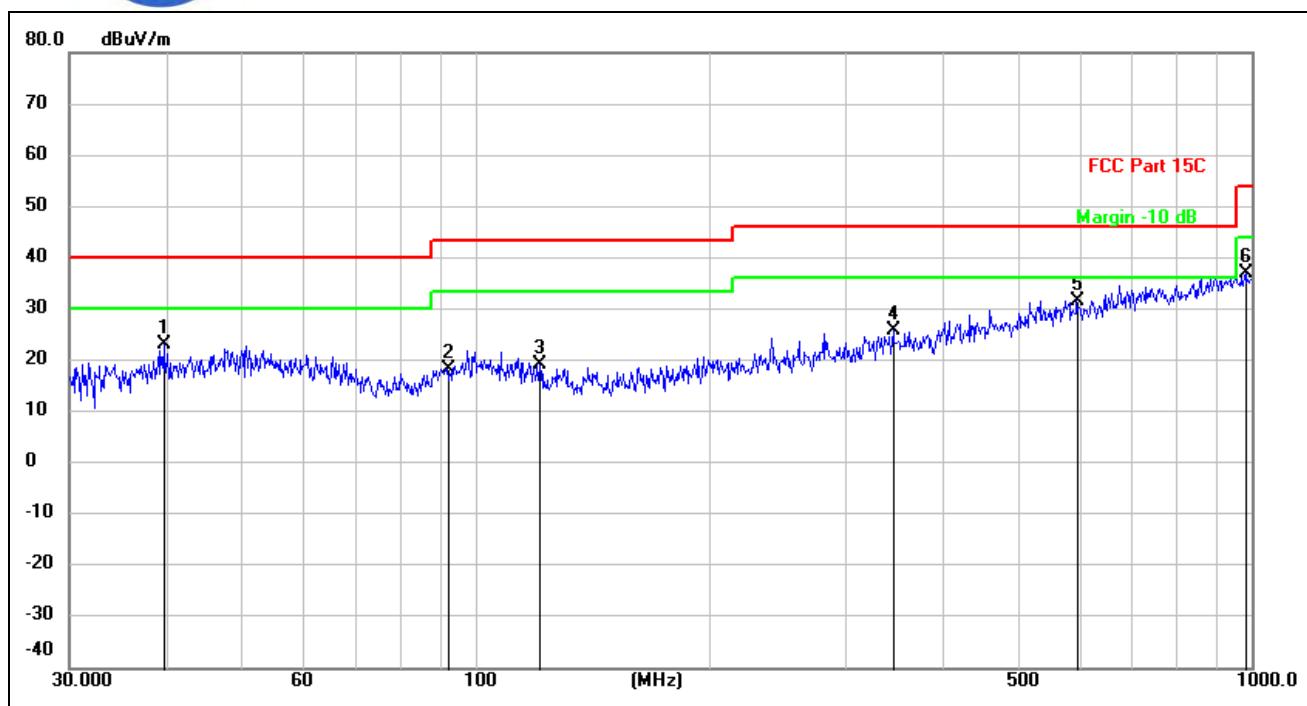


(802.11b _2412MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4815.000	59.12	-3.28	55.84	74.00	-18.16	peak	V
4815.000	47.09	-3.28	43.81	54.00	-10.19	AVG	V
7230.000	46.45	-0.36	46.09	74.00	-27.91	peak	V
7230.000	35.27	-0.36	34.91	54.00	-19.09	AVG	V
9465.000	42.20	2.03	44.23	74.00	-29.77	peak	V
9465.000	31.86	2.03	33.89	54.00	-20.11	AVG	V
12090.000	38.92	4.43	43.35	74.00	-30.65	peak	V
12090.000	26.99	4.43	31.42	54.00	-22.58	AVG	V
14790.000	36.65	8.64	45.29	74.00	-28.71	peak	V
14790.000	25.03	8.64	33.67	54.00	-20.33	AVG	V
17115.000	35.39	12.73	48.12	74.00	-25.88	peak	V
17115.000	25.01	12.73	37.74	54.00	-16.26	AVG	V



REPORT No. : XM19030031W01

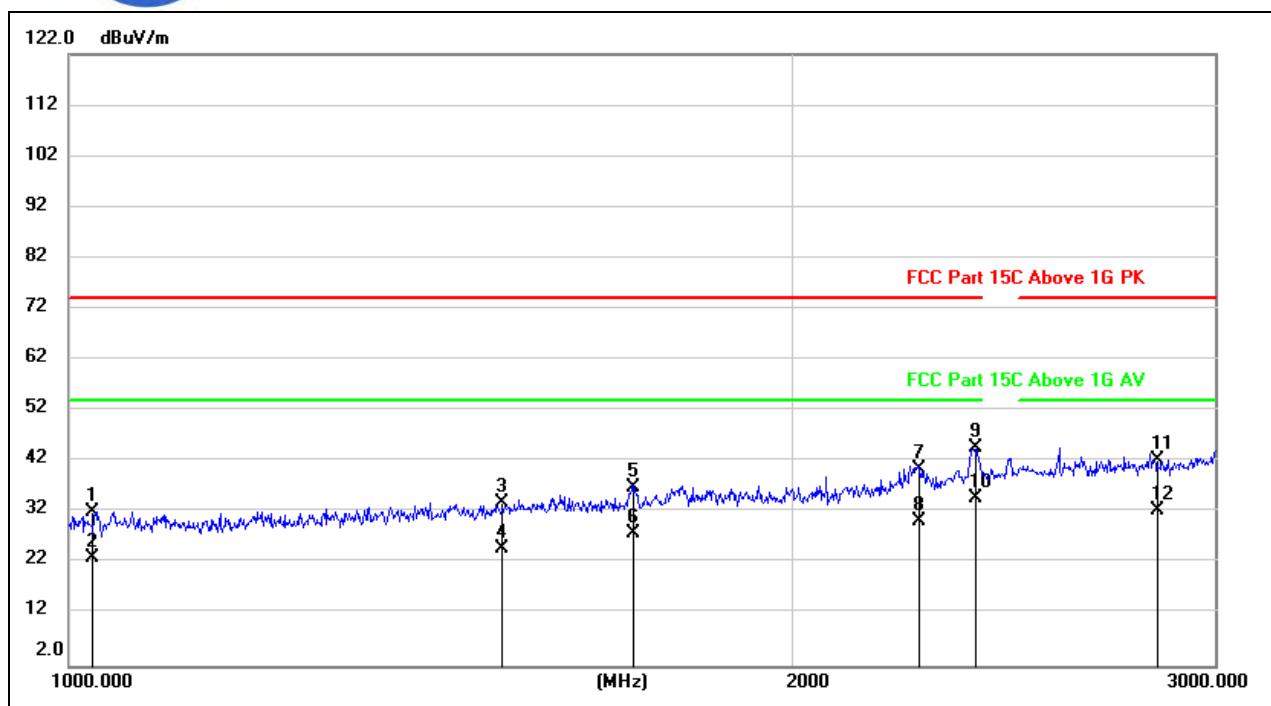


(802.11b _2437MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
39.7147	7.76	15.27	23.03	40.00	-16.97	peak	H
92.1388	5.80	12.59	18.39	43.50	-25.11	peak	H
121.1231	6.44	12.73	19.17	43.50	-24.33	peak	H
345.5952	7.72	18.09	25.81	46.00	-20.19	peak	H
595.1329	8.14	23.59	31.73	46.00	-14.27	peak	H
982.6200	8.33	28.66	36.99	54.00	-17.01	peak	H



REPORT No. : XM19030031W01

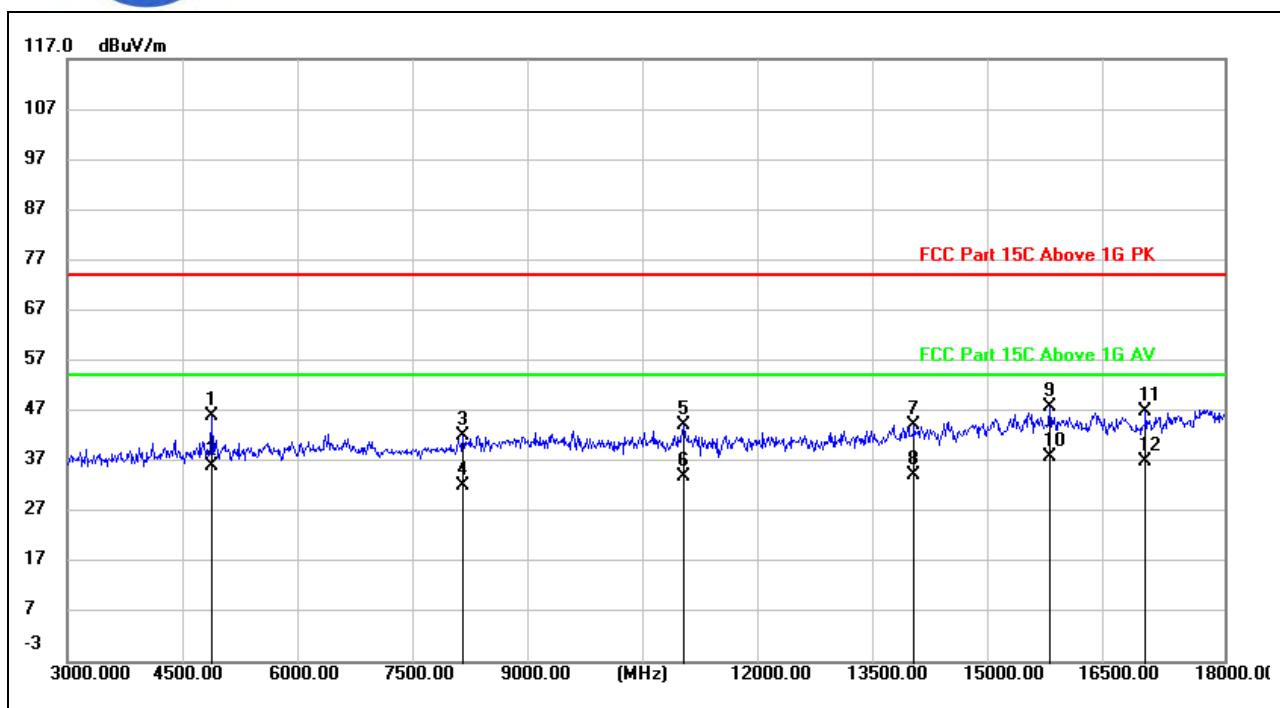


(802.11b _2437MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1022.286	10.26	21.92	32.18	74.00	-41.82	peak	H
1022.286	0.12	21.92	22.04	54.00	-31.96	AVG	H
1513.492	8.79	25.25	34.04	74.00	-39.96	peak	H
1513.492	-0.21	25.25	25.04	54.00	-28.96	AVG	H
1717.833	11.06	26.00	37.06	74.00	-36.94	peak	H
1717.833	1.31	26.00	27.31	54.00	-26.69	AVG	H
2257.519	10.98	29.51	40.49	74.00	-33.51	peak	H
2257.519	0.23	29.51	29.74	54.00	-24.26	AVG	H
2383.644	14.29	30.49	44.78	74.00	-29.22	peak	H
2383.644	2.96	30.49	33.45	54.00	-20.55	AVG	H
2837.309	10.58	31.87	42.45	74.00	-31.55	peak	H
2837.309	0.03	31.87	31.90	54.00	-22.10	AVG	H



REPORT No. : XM19030031W01

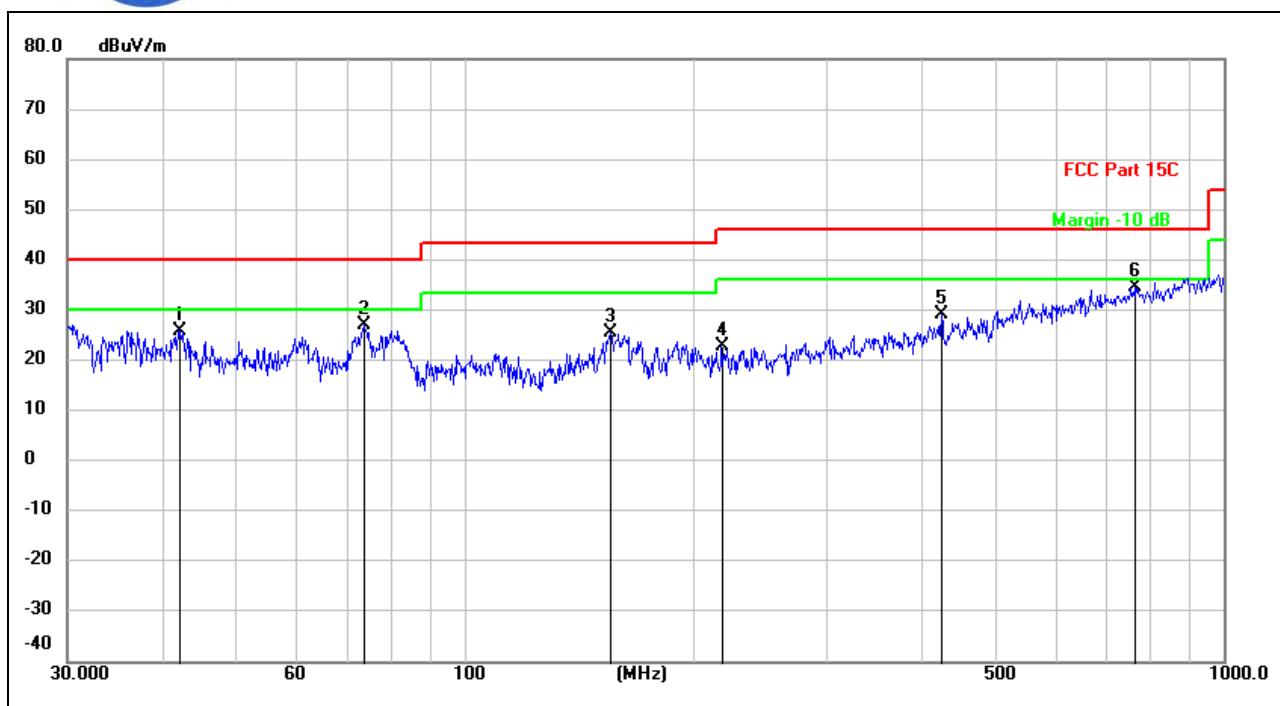


(802.11b _2437MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4875.000	48.79	-2.86	45.93	74.00	-28.07	peak	H
4875.000	38.20	-2.86	35.34	54.00	-18.66	AVG	H
8130.000	41.21	0.80	42.01	74.00	-31.99	peak	H
8130.000	30.56	0.80	31.36	54.00	-22.64	AVG	H
10995.000	40.62	3.42	44.04	74.00	-29.96	peak	H
10995.000	30.24	3.42	33.66	54.00	-20.34	AVG	H
13980.000	36.16	7.99	44.15	74.00	-29.85	peak	H
13980.000	25.70	7.99	33.69	54.00	-20.31	AVG	H
15735.000	36.65	11.26	47.91	74.00	-26.09	peak	H
15735.000	25.29	11.26	36.55	54.00	-17.45	AVG	H
16980.000	35.66	11.18	46.84	74.00	-27.16	peak	H
16980.000	23.98	11.18	35.16	54.00	-18.84	AVG	H



REPORT No. : XM19030031W01

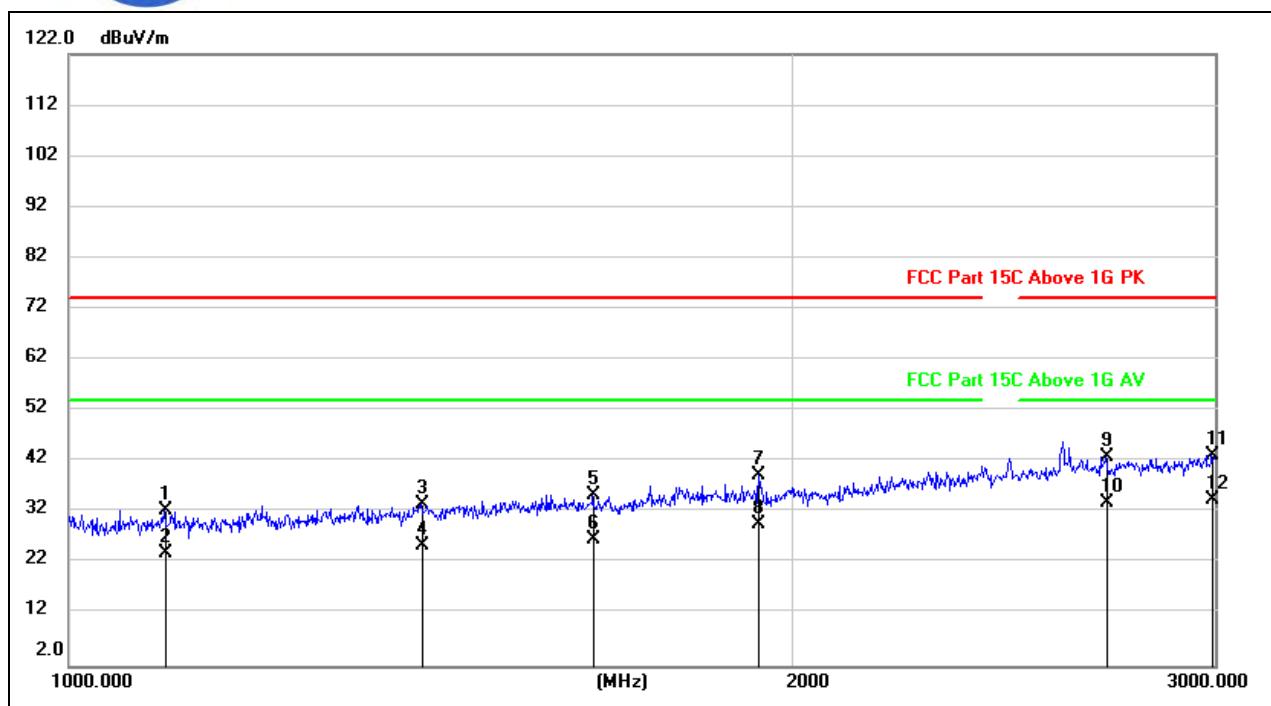


(802.11b _2437MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
42.1542	10.83	15.11	25.94	40.00	-14.06	peak	V
73.8756	16.92	10.06	26.98	40.00	-13.02	peak	V
155.9101	14.63	10.90	25.53	43.50	-17.97	peak	V
218.3085	8.51	14.23	22.74	46.00	-23.26	peak	V
425.0280	9.41	19.65	29.06	46.00	-16.94	peak	V
763.3757	8.44	26.25	34.69	46.00	-11.31	peak	V



REPORT No. : XM19030031W01

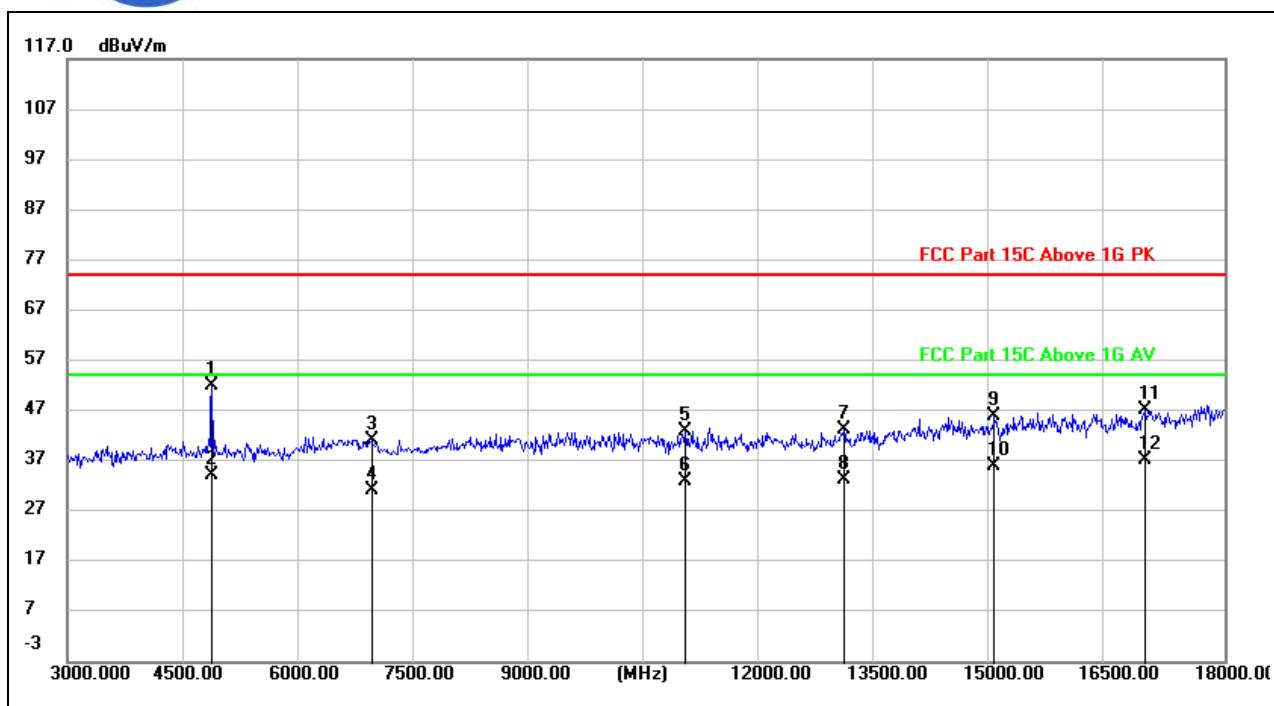


(802.11b _2437MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1095.472	9.49	22.87	32.36	74.00	-41.64	peak	V
1095.472	1.05	22.87	23.92	54.00	-30.08	AVG	V
1401.123	8.67	24.86	33.53	74.00	-40.47	peak	V
1401.123	0.69	24.86	25.55	54.00	-28.45	AVG	V
1652.131	9.65	25.71	35.36	74.00	-38.64	peak	V
1652.131	1.12	25.71	26.83	54.00	-27.17	AVG	V
1937.434	12.36	27.10	39.46	74.00	-34.54	peak	V
1937.434	2.68	27.10	29.78	54.00	-24.22	AVG	V
2702.681	10.90	32.06	42.96	74.00	-31.04	peak	V
2702.681	1.78	32.06	33.84	54.00	-20.16	AVG	V
2990.129	10.20	33.15	43.35	74.00	-30.65	peak	V
2990.129	1.48	33.15	34.63	54.00	-19.37	AVG	V



REPORT No. : XM19030031W01

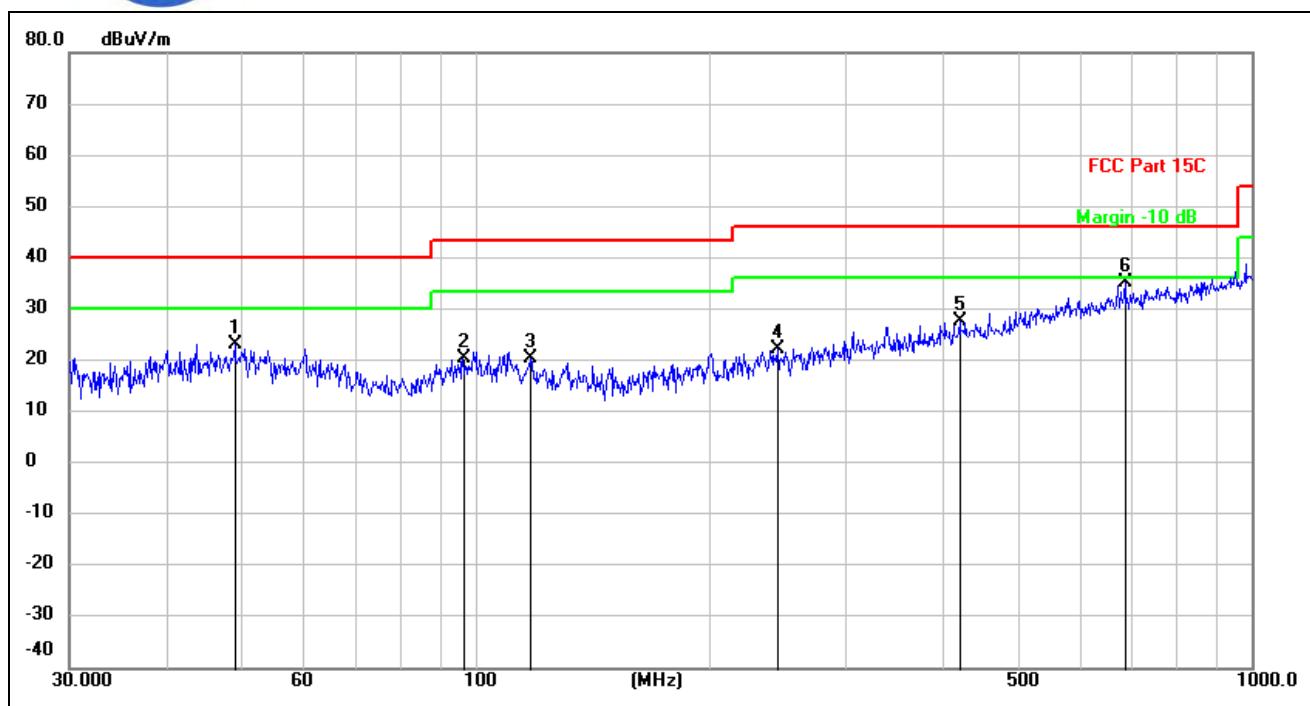


(802.11b _2437MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4875.000	55.03	-2.86	52.17	74.00	-21.83	peak	V
4875.000	37.45	-2.86	34.59	54.00	-19.41	AVG	V
6945.000	41.56	-0.45	41.11	74.00	-32.89	peak	V
6945.000	30.61	-0.45	30.16	54.00	-23.84	AVG	V
11010.000	39.73	3.26	42.99	74.00	-31.01	peak	V
11010.000	28.39	3.26	31.65	54.00	-22.35	AVG	V
13065.000	36.91	6.45	43.36	74.00	-30.64	peak	V
13065.000	25.08	6.45	31.53	54.00	-22.47	AVG	V
15015.000	35.25	10.70	45.95	74.00	-28.05	peak	V
15015.000	24.09	10.70	34.79	54.00	-19.21	AVG	V
16965.000	34.65	12.69	47.34	74.00	-26.66	peak	V
16965.000	23.40	12.69	36.09	54.00	-17.91	AVG	V



REPORT No. : XM19030031W01

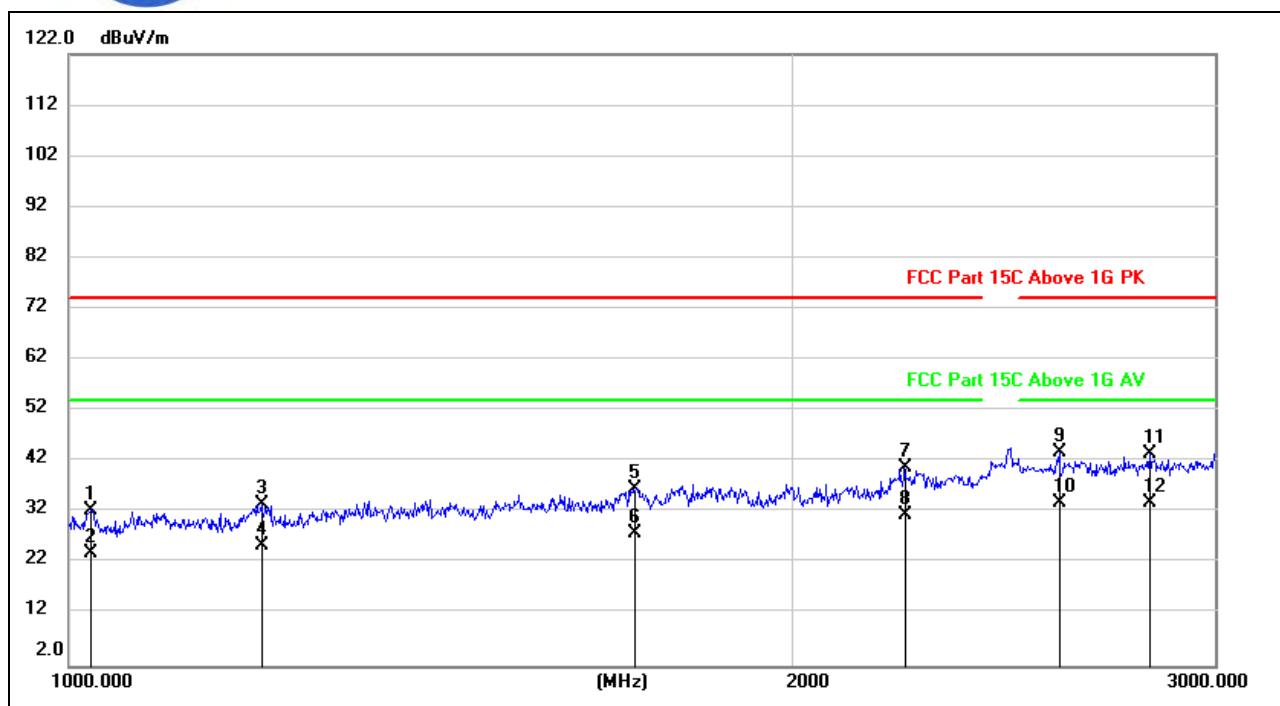


(802.11b _2462MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
49.0145	7.62	15.58	23.20	40.00	-16.80	peak	H
96.4362	7.12	13.29	20.41	43.50	-23.09	peak	H
117.7725	7.15	13.16	20.31	43.50	-23.19	peak	H
245.0900	7.40	14.86	22.26	46.00	-23.74	peak	H
420.5803	7.33	20.22	27.55	46.00	-18.45	peak	H
687.1507	10.45	24.75	35.20	46.00	-10.80	peak	H



REPORT No. : XM19030031W01

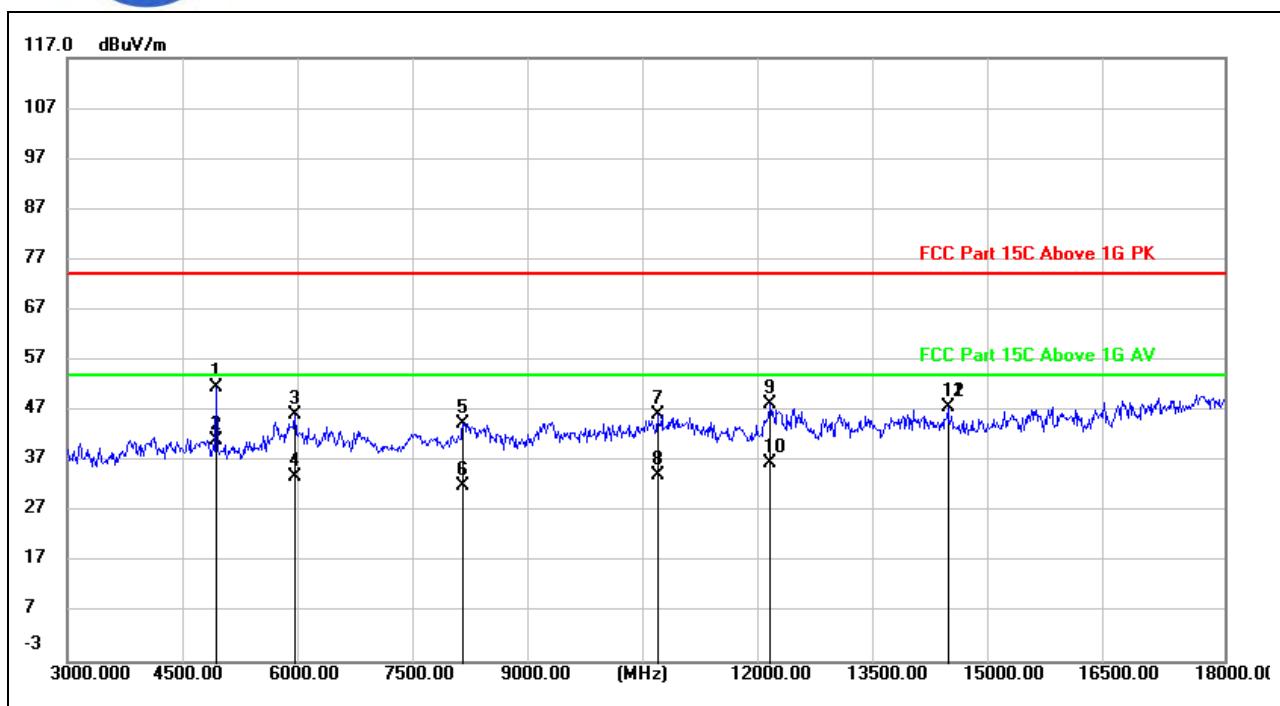


(802.11b _2462MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1021.093	10.46	21.90	32.36	74.00	-41.64	peak	H
1021.093	2.10	21.90	24.00	54.00	-30.00	AVG	H
1202.697	9.71	24.06	33.77	74.00	-40.23	peak	H
1202.697	1.44	24.06	25.50	54.00	-28.50	AVG	H
1718.782	10.65	26.01	36.66	74.00	-37.34	peak	H
1718.782	1.98	26.01	27.99	54.00	-26.01	AVG	H
2227.519	11.70	29.29	40.99	74.00	-33.01	peak	H
2227.519	2.13	29.29	31.42	54.00	-22.58	AVG	H
2583.644	11.88	31.90	43.78	74.00	-30.22	peak	H
2583.644	2.11	31.90	34.01	54.00	-19.99	AVG	H
2817.898	11.55	32.04	43.59	74.00	-30.41	peak	H
2817.898	1.78	32.04	33.82	54.00	-20.18	AVG	H



REPORT No. : XM19030031W01

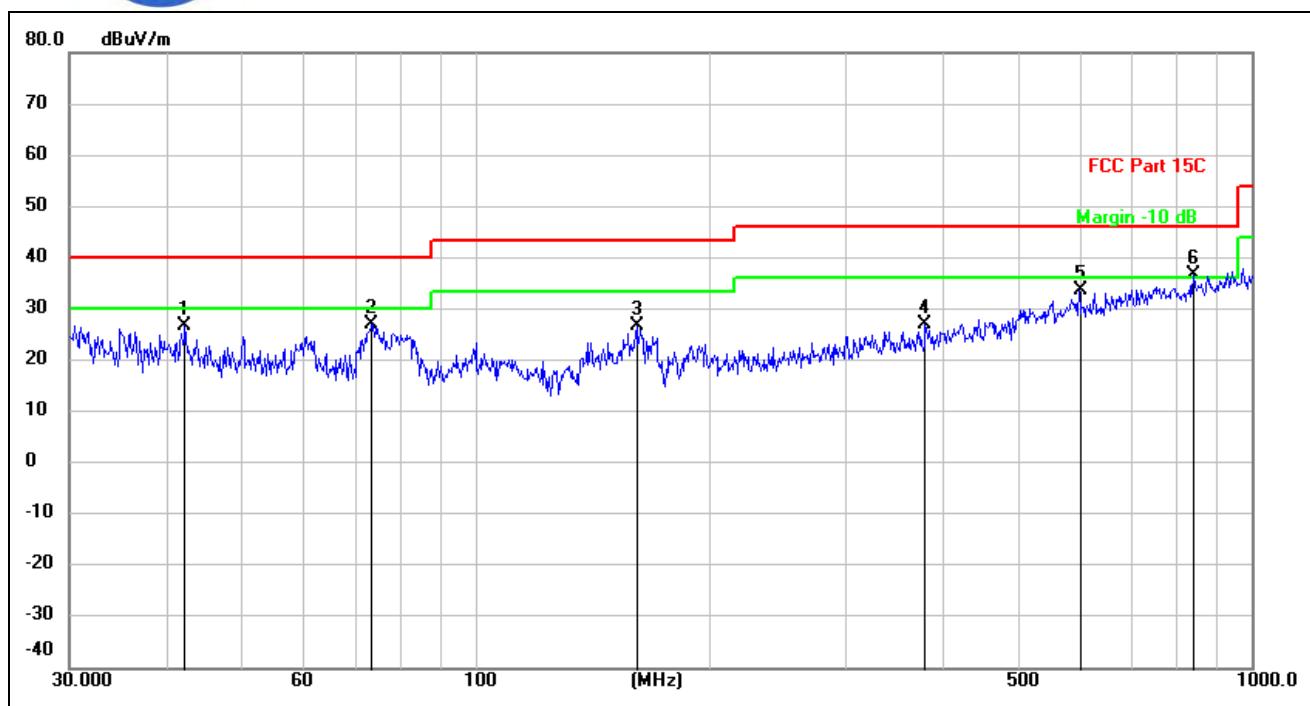


(802.11b _2462MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4935.000	54.50	-2.83	51.67	74.00	-22.33	peak	H
4935.000	43.74	-2.83	40.91	54.00	-13.09	AVG	H
5955.000	48.04	-1.97	46.07	74.00	-27.93	peak	H
5955.000	35.89	-1.97	33.92	54.00	-20.08	AVG	H
8130.000	7.85	36.61	44.46	74.00	-29.54	peak	H
8130.000	-4.59	36.61	32.02	54.00	-21.98	AVG	H
10650.000	8.88	37.41	46.29	74.00	-27.71	peak	H
10650.000	-3.41	37.41	34.00	54.00	-20.00	AVG	H
12105.000	10.52	37.87	48.39	74.00	-25.61	peak	H
12105.000	-1.26	37.87	36.61	54.00	-17.39	AVG	H
14415.000	7.37	40.40	47.77	74.00	-26.23	peak	H
14415.000	7.37	40.40	47.77	54.00	-6.23	AVG	H

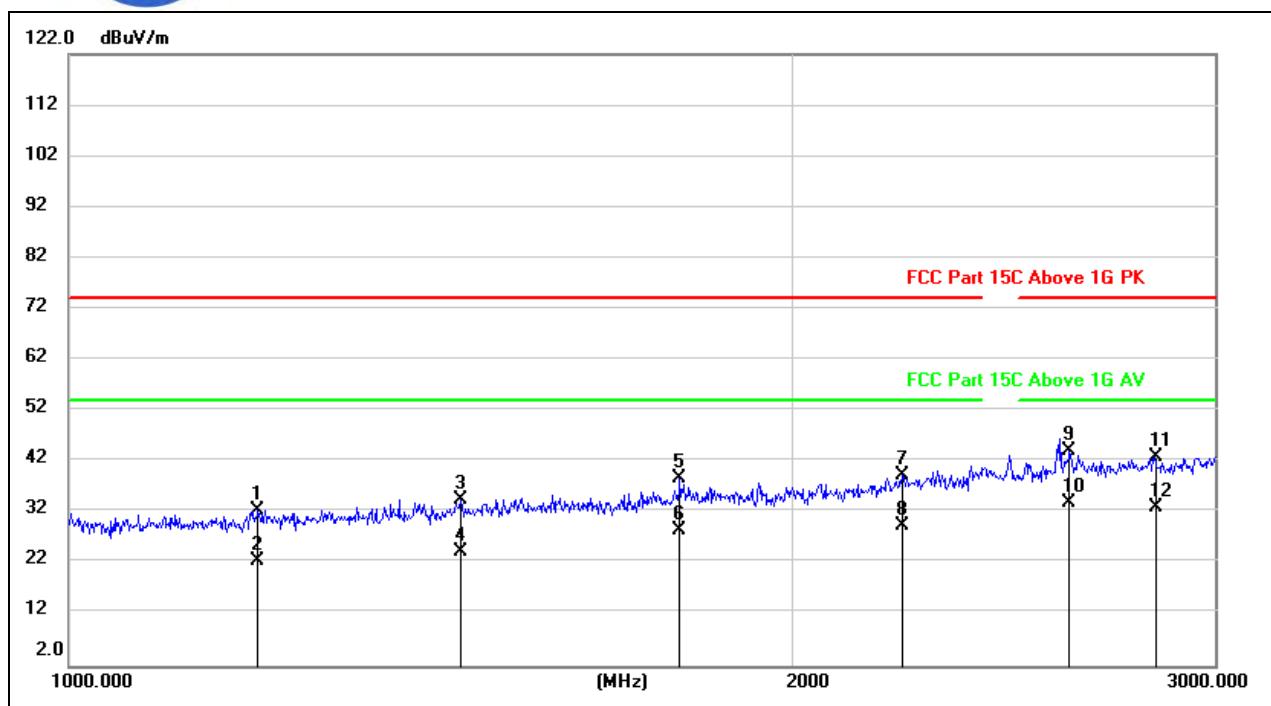


REPORT No. : XM19030031W01



(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
42.3022	11.77	15.14	26.91	40.00	-13.09	peak	V
73.6170	17.00	10.13	27.13	40.00	-12.87	peak	V
161.4742	14.76	11.95	26.71	43.50	-16.79	peak	V
379.9141	7.96	19.19	27.15	46.00	-18.85	peak	V
599.3213	10.21	23.49	33.70	46.00	-12.30	peak	V
842.1296	9.75	26.87	36.62	46.00	-9.38	peak	V

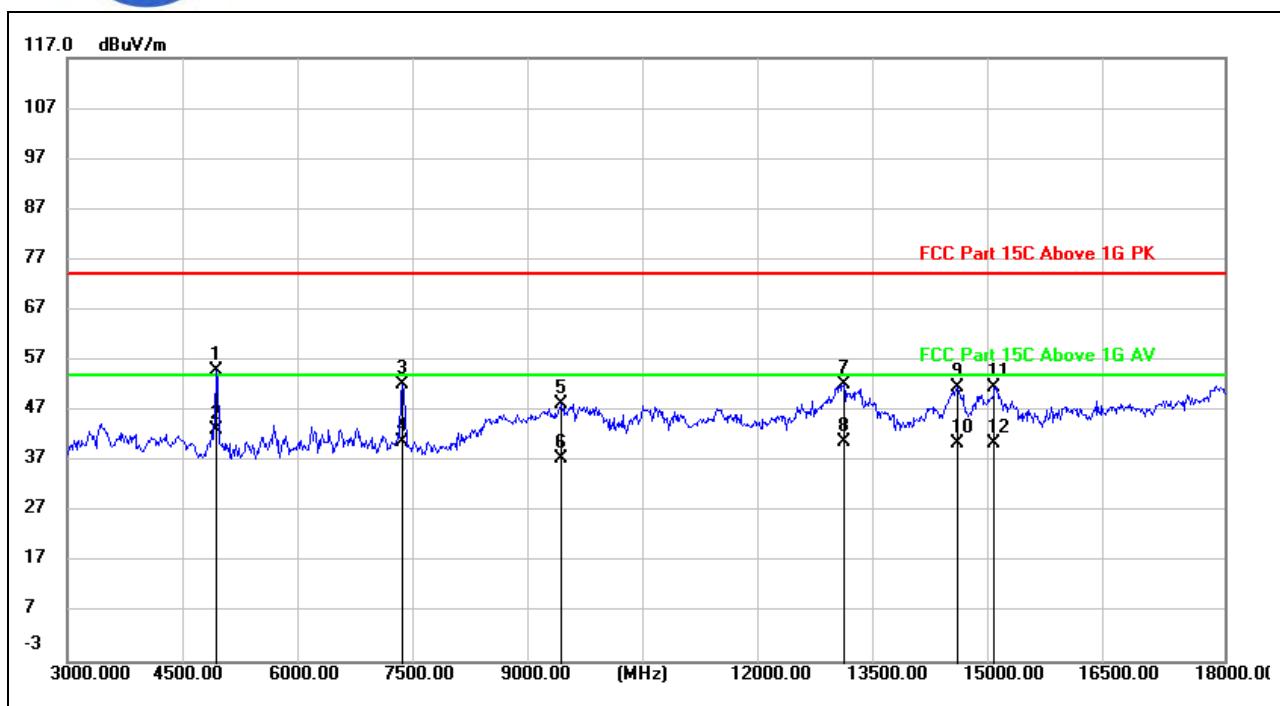


(802.11b _2462MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1198.740	8.44	24.11	32.55	74.00	-41.45	peak	V
1198.740	-1.56	24.11	22.55	54.00	-31.45	AVG	V
1456.047	9.87	24.54	34.41	74.00	-39.59	peak	V
1456.047	-0.13	24.54	24.41	54.00	-29.59	AVG	V
1795.997	10.77	27.89	38.66	74.00	-35.34	peak	V
1795.997	0.77	27.89	28.66	54.00	-25.34	AVG	V
2222.630	10.18	29.27	39.45	74.00	-34.55	peak	V
2222.630	0.18	29.27	29.45	54.00	-24.55	AVG	V
2609.317	11.55	32.48	44.03	74.00	-29.97	peak	V
2609.317	1.55	32.48	34.03	54.00	-19.97	AVG	V
2830.309	11.23	31.86	43.09	74.00	-30.91	peak	V
2830.309	1.23	31.86	33.09	54.00	-20.91	AVG	V

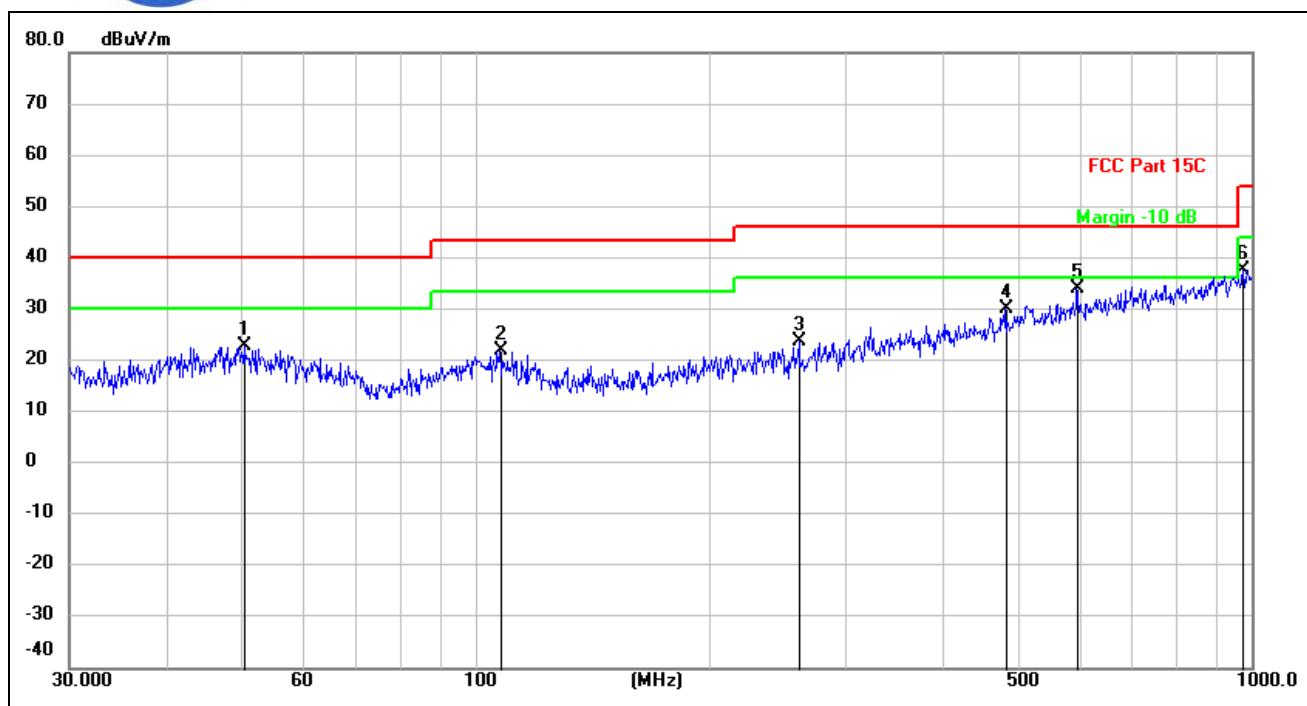


REPORT No. : XM19030031W01



(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
4935.000	57.68	-2.83	54.85	74.00	-19.15	peak	V
4935.000	46.04	-2.83	43.21	54.00	-10.79	AVG	V
7335.000	16.35	35.72	52.07	74.00	-21.93	peak	V
7335.000	4.99	35.72	40.71	54.00	-13.29	AVG	V
9405.000	10.76	37.48	48.24	74.00	-25.76	peak	V
9405.000	0.01	37.48	37.49	54.00	-16.51	AVG	V
13065.000	13.40	38.87	52.27	74.00	-21.73	peak	V
13065.000	1.74	38.87	40.61	54.00	-13.39	AVG	V
14535.000	11.62	40.05	51.67	74.00	-22.33	peak	V
14535.000	0.29	40.05	40.34	54.00	-13.66	AVG	V
15015.000	10.16	41.46	51.62	74.00	-22.38	peak	V
15015.000	-1.09	41.46	40.37	54.00	-13.63	AVG	V

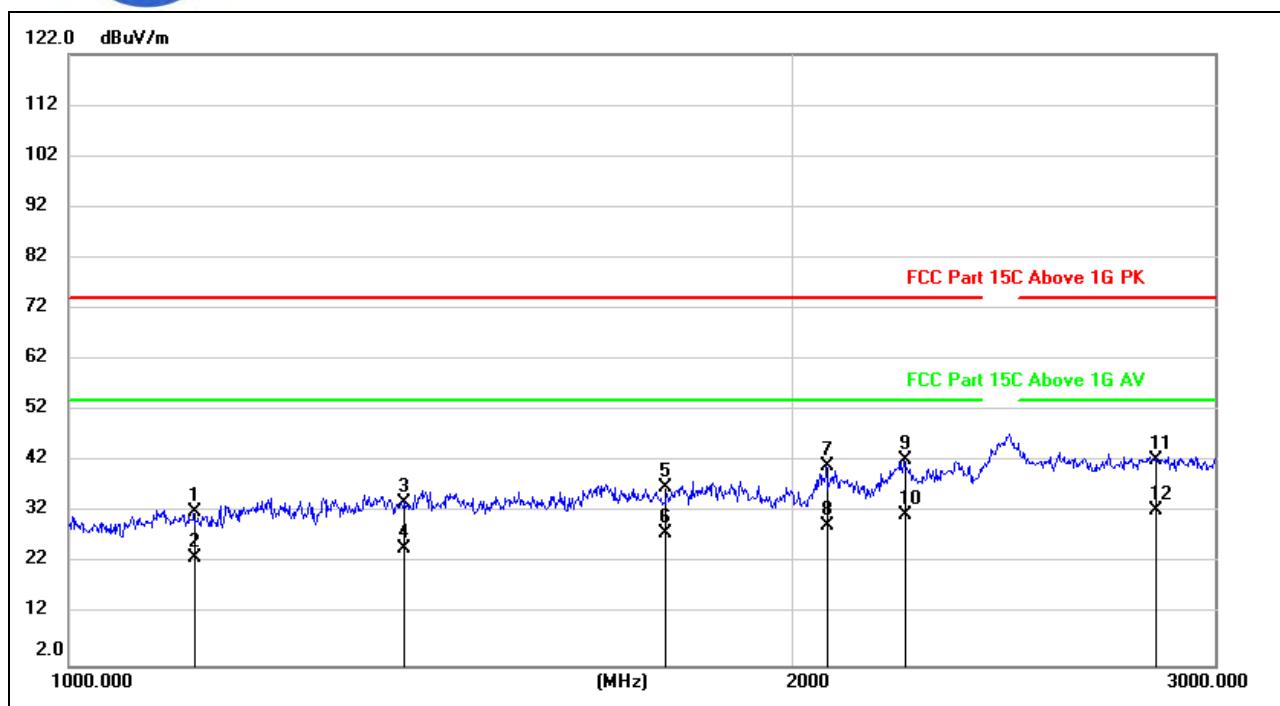


(802.11g _2412MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dB _{uV})	Factor (dB/m)	Level (dB _{uV/m})	Limit (dB _{uV/m})	Margin (dB)	Det.	Pol
50.4089	6.80	16.04	22.84	40.00	-17.16	peak	H
107.5101	7.51	14.51	22.02	43.50	-21.48	peak	H
261.0583	7.74	15.89	23.63	46.00	-22.37	peak	H
482.2156	8.76	21.24	30.00	46.00	-16.00	peak	H
595.1329	10.50	23.59	34.09	46.00	-11.91	peak	H
975.7529	8.95	28.57	37.52	54.00	-16.48	peak	H



REPORT No. : XM19030031W01

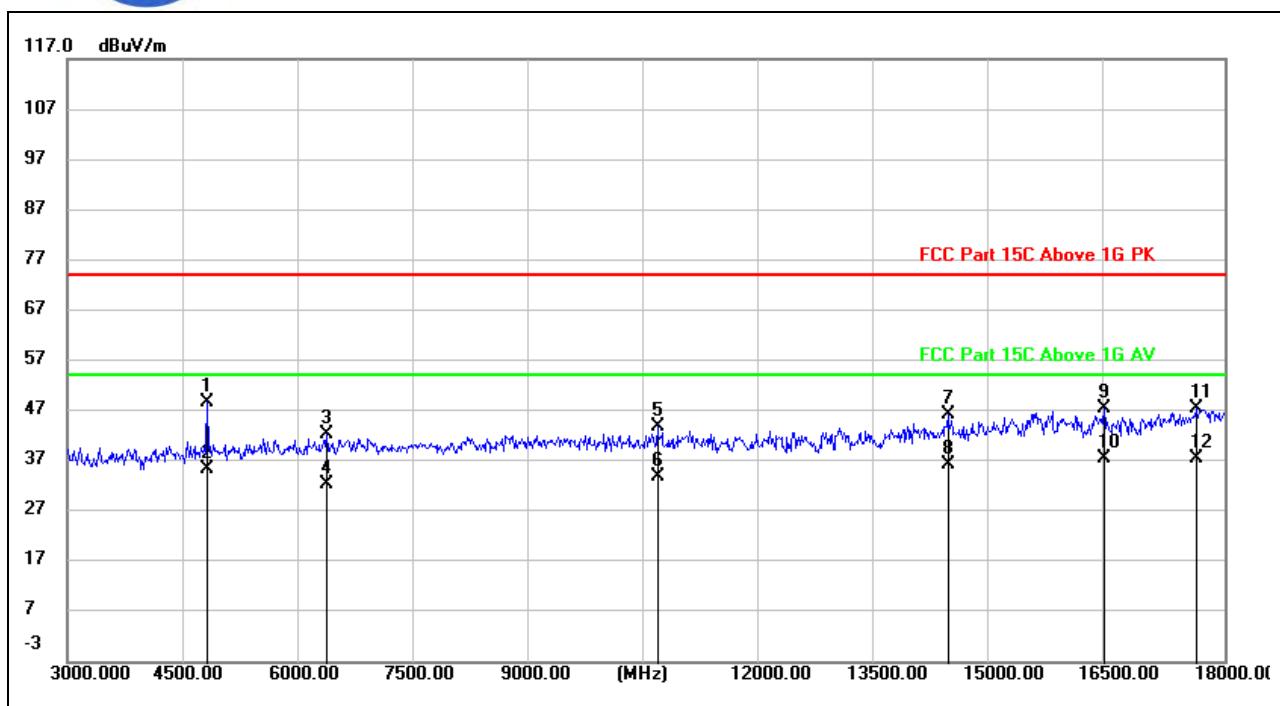


(802.11g _2412MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1128.286	9.50	22.68	32.18	74.00	-41.82	peak	H
1128.286	-0.43	22.68	22.25	54.00	-31.75	AVG	H
1379.492	10.12	23.92	34.04	74.00	-39.96	peak	H
1379.492	0.08	23.92	24.00	54.00	-30.00	AVG	H
1768.833	10.54	26.52	37.06	74.00	-36.94	peak	H
1768.833	0.01	26.52	26.53	54.00	-27.47	AVG	H
2067.175	13.63	27.45	41.08	74.00	-32.92	peak	H
2067.175	2.19	27.45	29.64	54.00	-24.36	AVG	H
2227.519	13.20	29.29	42.49	74.00	-31.51	peak	H
2227.519	2.23	29.29	31.52	54.00	-22.48	AVG	H
2836.309	10.59	31.86	42.45	74.00	-31.55	peak	H
2836.309	0.16	31.86	32.02	54.00	-21.98	AVG	H



REPORT No. : XM19030031W01

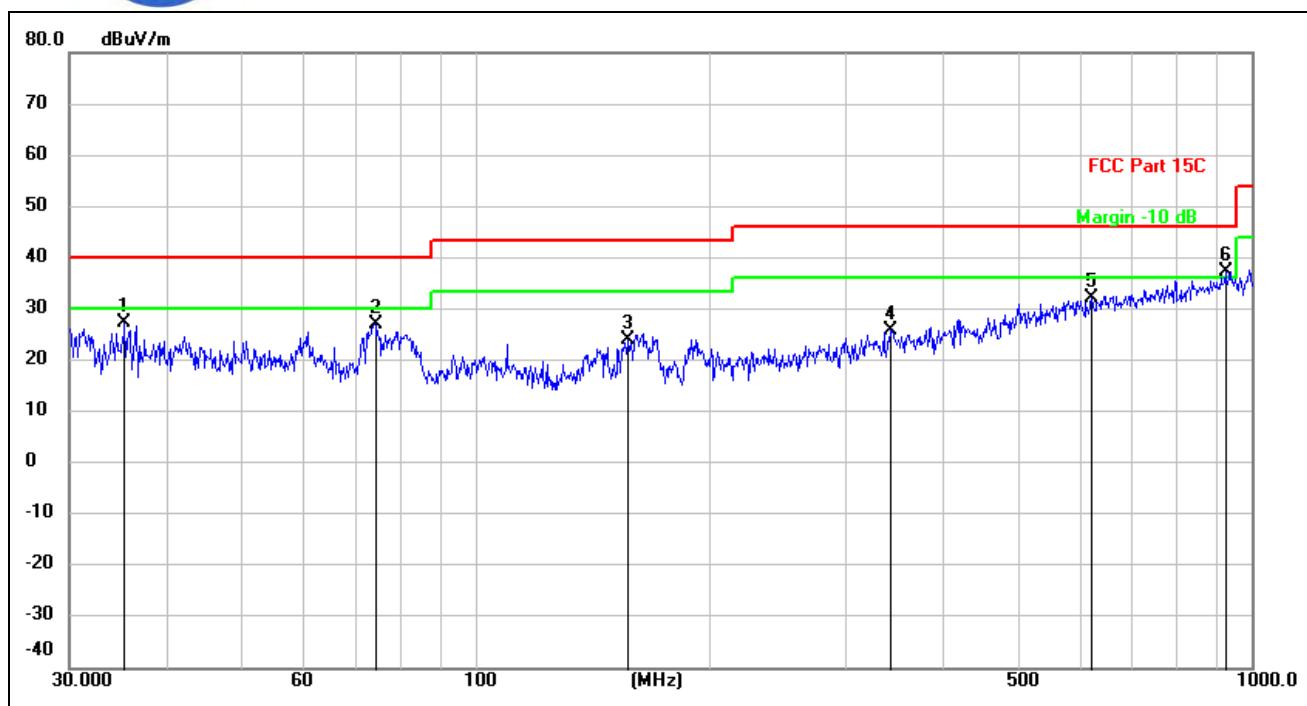


(802.11g _2412MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4815.000	51.86	-3.28	48.58	74.00	-25.42	peak	H
4815.000	39.19	-3.28	35.91	54.00	-18.09	AVG	H
6360.000	43.33	-0.96	42.37	74.00	-31.63	peak	H
6360.000	33.01	-0.96	32.05	54.00	-21.95	AVG	H
10650.000	41.18	2.61	43.79	74.00	-30.21	peak	H
10650.000	30.72	2.61	33.33	54.00	-20.67	AVG	H
14415.000	36.97	9.30	46.27	74.00	-27.73	peak	H
14415.000	26.14	9.30	35.44	54.00	-18.56	AVG	H
16440.000	36.80	10.69	47.49	74.00	-26.51	peak	H
16440.000	25.72	10.69	36.41	54.00	-17.59	AVG	H
17640.000	33.94	13.52	47.46	74.00	-26.54	peak	H
17640.000	22.60	13.52	36.12	54.00	-17.88	AVG	H



REPORT No. : XM19030031W01

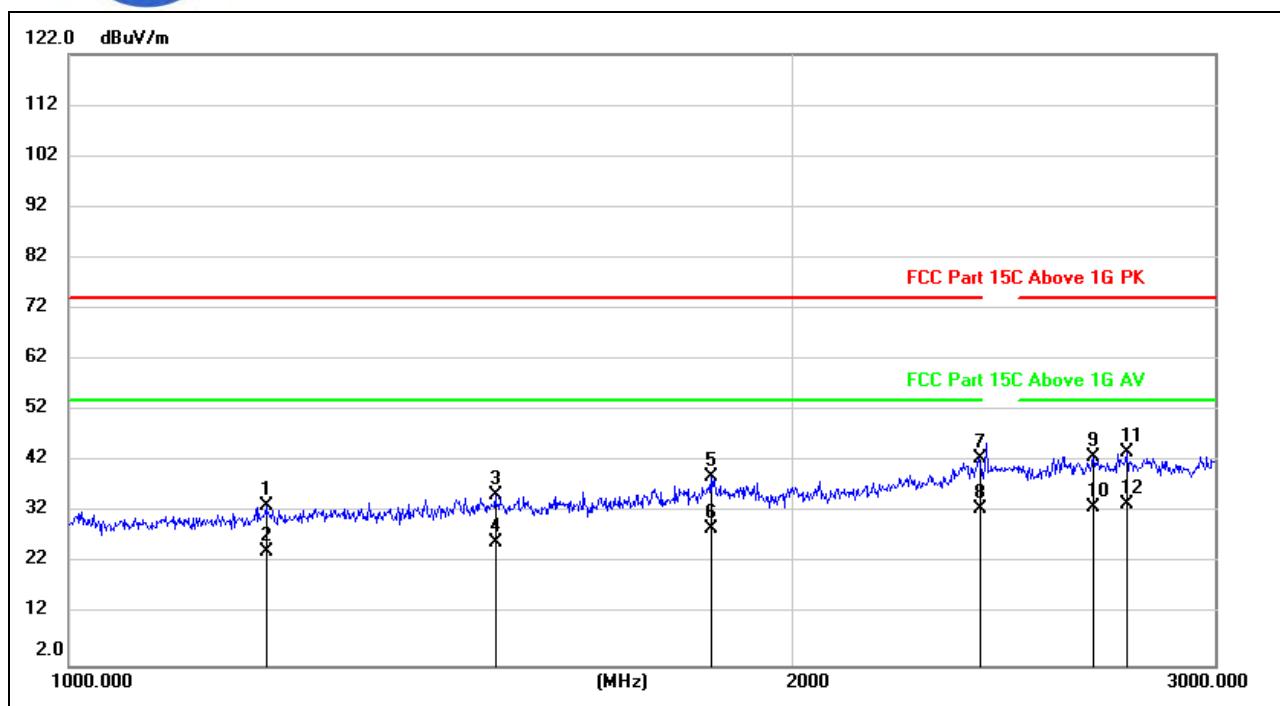


(802.11g _2412MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dB _{uV})	Factor (dB/m)	Level (dB _{uV/m})	Limit (dB _{uV/m})	Margin (dB)	Det.	Pol
35.3750	14.52	12.83	27.35	40.00	-12.65	peak	V
74.3955	17.29	9.93	27.22	40.00	-12.78	peak	V
157.0074	12.87	11.25	24.12	43.50	-19.38	peak	V
343.1800	7.57	18.22	25.79	46.00	-20.21	peak	V
622.8900	8.34	23.79	32.13	46.00	-13.87	peak	V
925.7563	9.40	28.04	37.44	46.00	-8.56	peak	V



REPORT No. : XM19030031W01

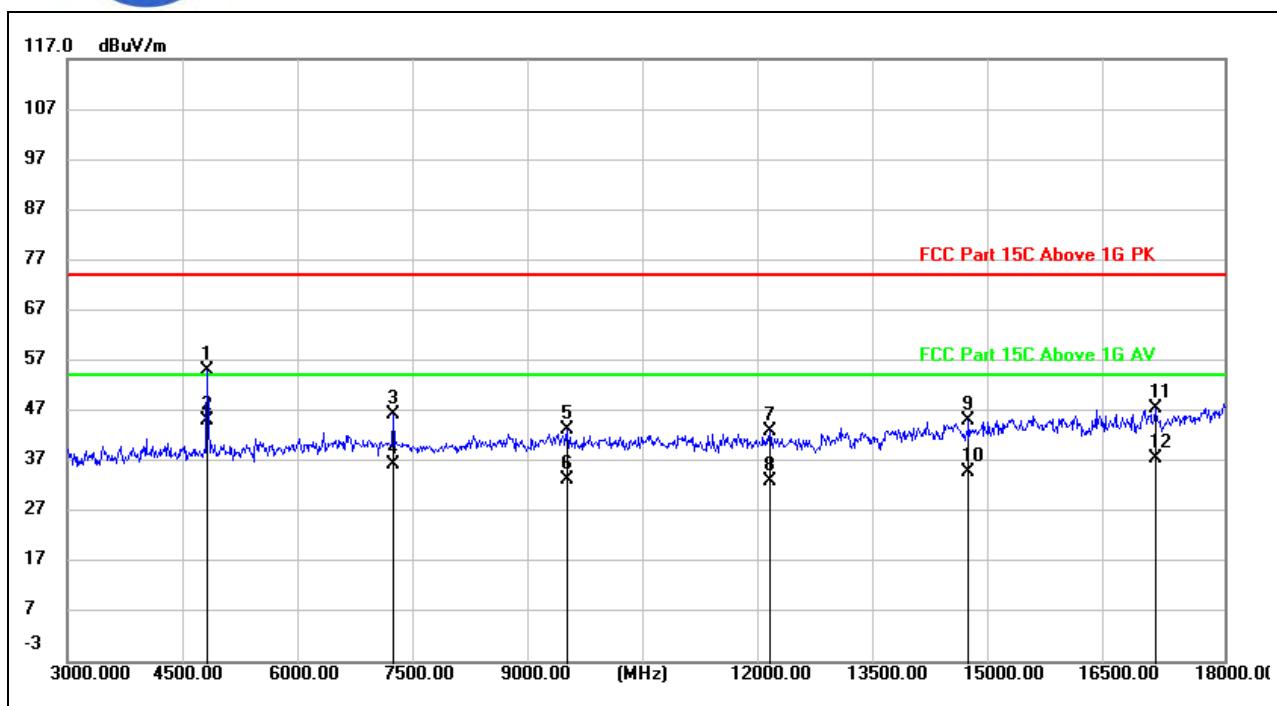


(802.11g _2412MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1207.994	9.42	23.80	33.22	74.00	-40.78	peak	V
1207.994	0.56	23.80	24.36	54.00	-29.64	AVG	V
1504.836	10.31	25.15	35.46	74.00	-38.54	peak	V
1504.836	1.08	25.15	26.23	54.00	-27.77	AVG	V
1850.069	11.98	27.21	39.19	74.00	-34.81	peak	V
1850.069	1.77	27.21	28.98	54.00	-25.02	AVG	V
2392.403	11.45	31.14	42.59	74.00	-31.41	peak	V
2392.403	1.64	31.14	32.78	54.00	-21.22	AVG	V
2670.216	10.81	32.09	42.90	74.00	-31.10	peak	V
2670.216	1.07	32.09	33.16	54.00	-20.84	AVG	V
2756.658	11.97	31.90	43.87	74.00	-30.13	peak	V
2756.658	1.85	31.90	33.75	54.00	-20.25	AVG	V



REPORT No. : XM19030031W01

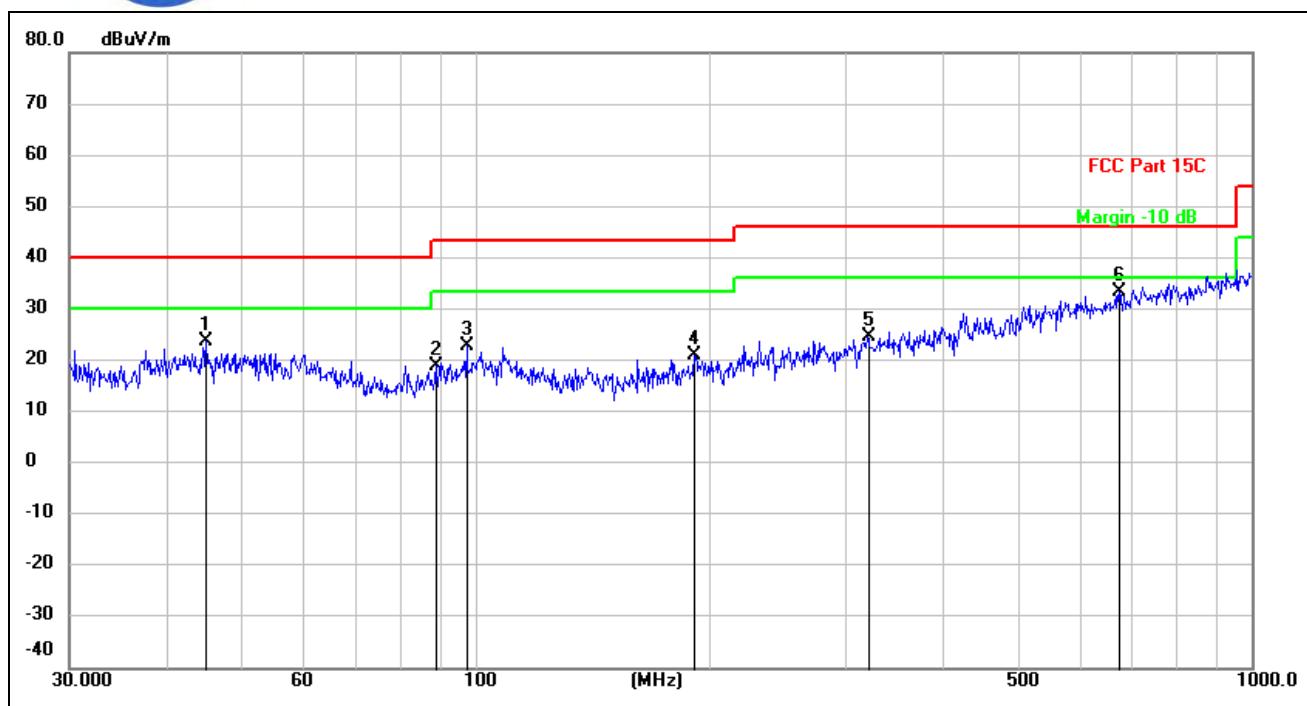


(802.11g _2412MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4815.000	58.34	-3.28	55.06	74.00	-18.94	peak	V
4815.000	47.59	-3.28	44.31	54.00	-9.69	AVG	V
7230.000	46.64	-0.36	46.28	74.00	-27.72	peak	V
7230.000	35.86	-0.36	35.50	54.00	-18.50	AVG	V
9480.000	41.32	1.97	43.29	74.00	-30.71	peak	V
9480.000	30.90	1.97	32.87	54.00	-21.13	AVG	V
12105.000	38.63	4.25	42.88	74.00	-31.12	peak	V
12105.000	28.01	4.25	32.26	54.00	-21.74	AVG	V
14685.000	35.88	9.08	44.96	74.00	-29.04	peak	V
14685.000	25.45	9.08	34.53	54.00	-19.47	AVG	V
17115.000	34.70	12.73	47.43	74.00	-26.57	peak	V
17115.000	23.79	12.73	36.52	54.00	-17.48	AVG	V



REPORT No. : XM19030031W01

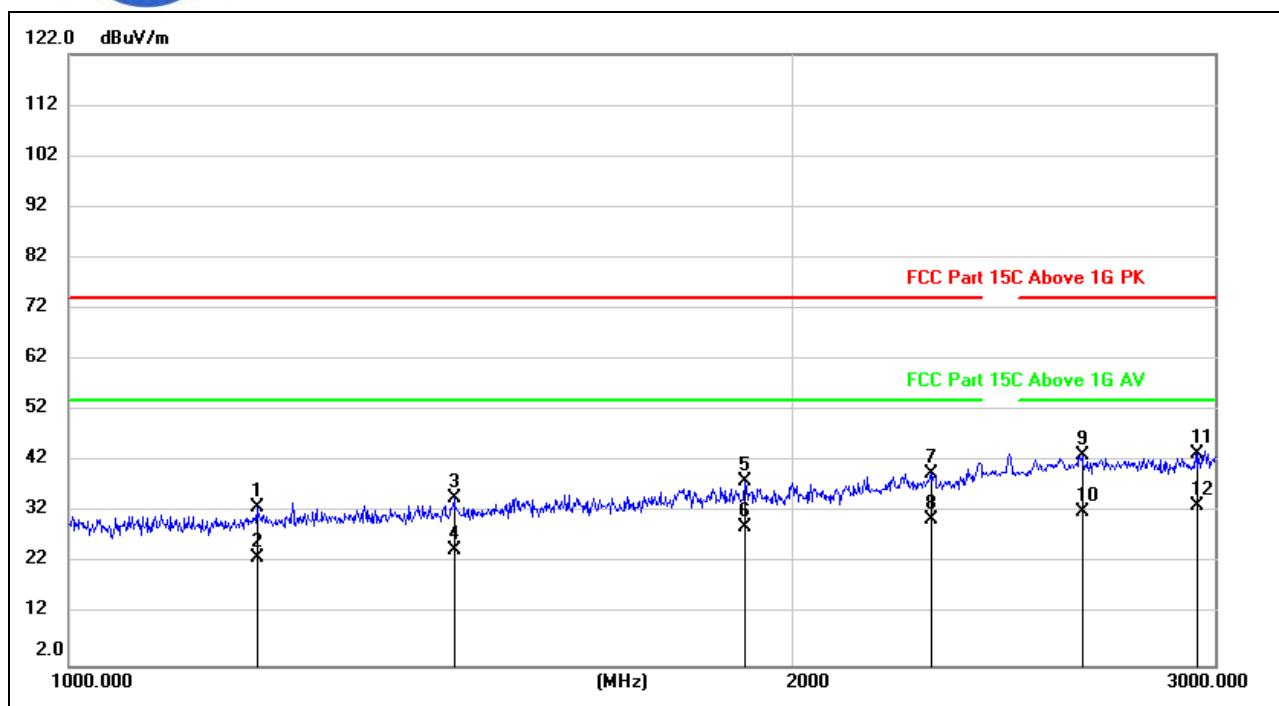


(802.11g _2437MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
45.0583	8.44	15.44	23.88	40.00	-16.12	peak	H
88.9639	6.56	12.46	19.02	43.50	-24.48	peak	H
97.4560	9.37	13.46	22.83	43.50	-20.67	peak	H
191.7450	7.49	13.42	20.91	43.50	-22.59	peak	H
319.9370	6.63	17.99	24.62	46.00	-21.38	peak	H
675.2080	8.83	24.63	33.46	46.00	-12.54	peak	H



REPORT No. : XM19030031W01

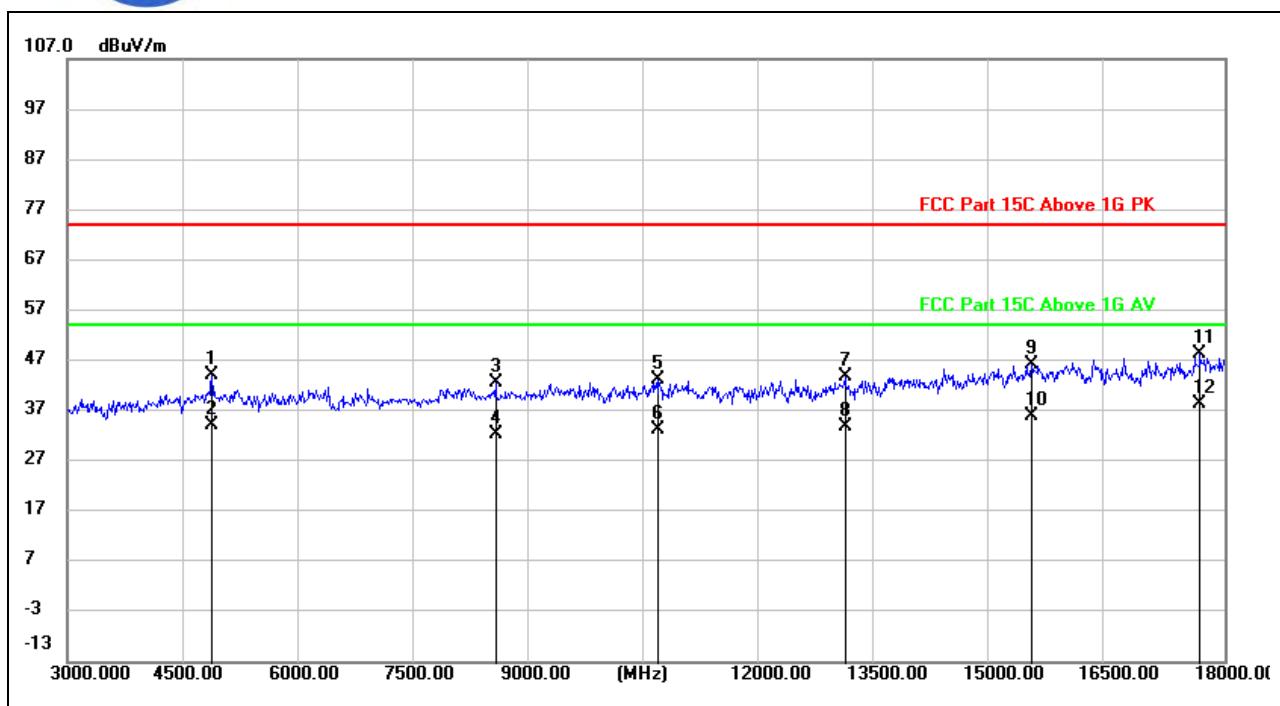


(802.11g _2437MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1197.424	9.11	24.02	33.13	74.00	-40.87	peak	H
1197.424	-0.85	24.02	23.17	54.00	-30.83	AVG	H
1446.481	10.29	24.41	34.70	74.00	-39.30	peak	H
1446.481	0.04	24.41	24.45	54.00	-29.55	AVG	H
1912.060	10.98	27.21	38.19	74.00	-35.81	peak	H
1912.060	0.35	27.21	27.56	54.00	-26.44	AVG	H
2284.521	10.12	29.66	39.78	74.00	-34.22	peak	H
2284.521	0.06	29.66	29.72	54.00	-24.28	AVG	H
2641.041	11.18	32.03	43.21	74.00	-30.79	peak	H
2641.041	0.10	32.03	32.13	54.00	-21.87	AVG	H
2944.491	11.39	32.04	43.43	74.00	-30.57	peak	H
2944.491	0.17	32.04	32.21	54.00	-21.79	AVG	H



REPORT No. : XM19030031W01

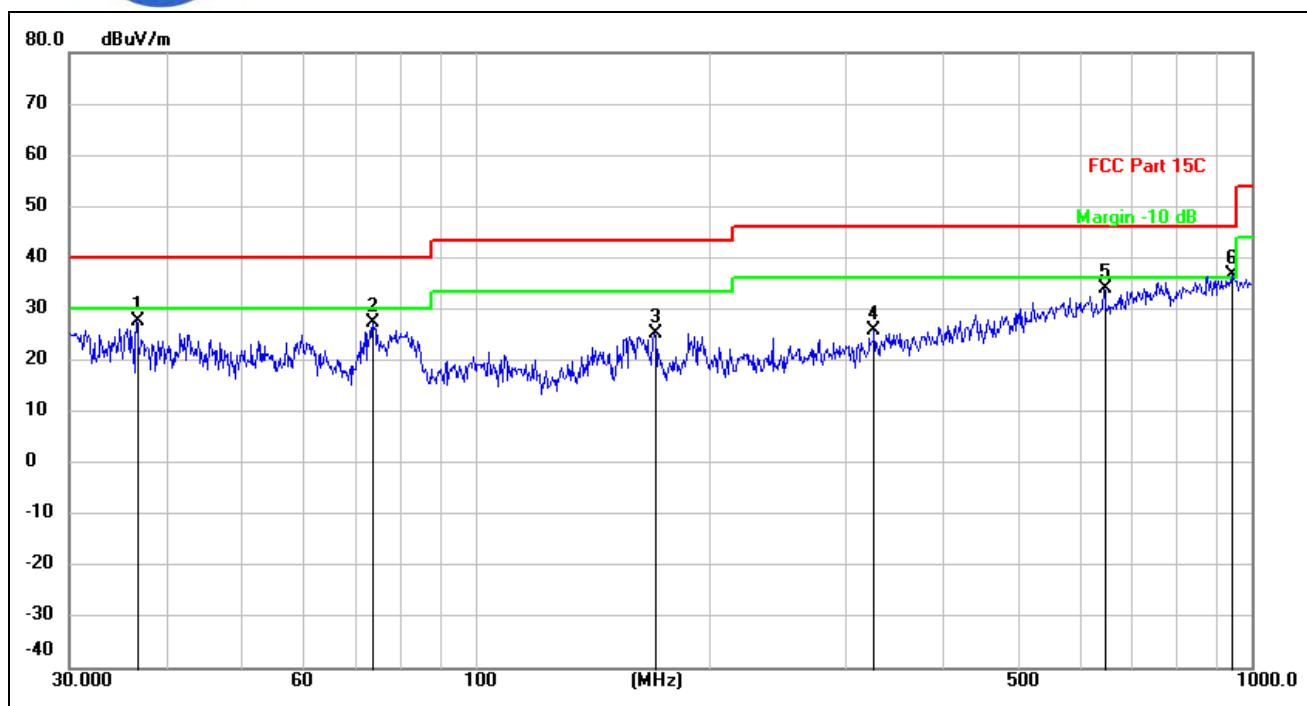


(802.11g _2437MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4875.000	47.07	-2.86	44.21	74.00	-29.79	peak	H
4875.000	37.15	-2.86	34.29	54.00	-19.71	AVG	H
8550.000	41.32	1.16	42.48	74.00	-31.52	peak	H
8550.000	30.49	1.16	31.65	54.00	-22.35	AVG	H
10665.000	40.64	2.61	43.25	74.00	-30.75	peak	H
10665.000	30.01	2.61	32.62	54.00	-21.38	AVG	H
13080.000	37.53	6.31	43.84	74.00	-30.16	peak	H
13080.000	26.85	6.31	33.16	54.00	-20.84	AVG	H
15495.000	34.88	11.22	46.10	74.00	-27.90	peak	H
15495.000	23.51	11.22	34.73	54.00	-19.27	AVG	H
17685.000	34.25	14.02	48.27	74.00	-25.73	peak	H
17685.000	23.59	14.02	37.61	54.00	-16.39	AVG	H



REPORT No. : XM19030031W01

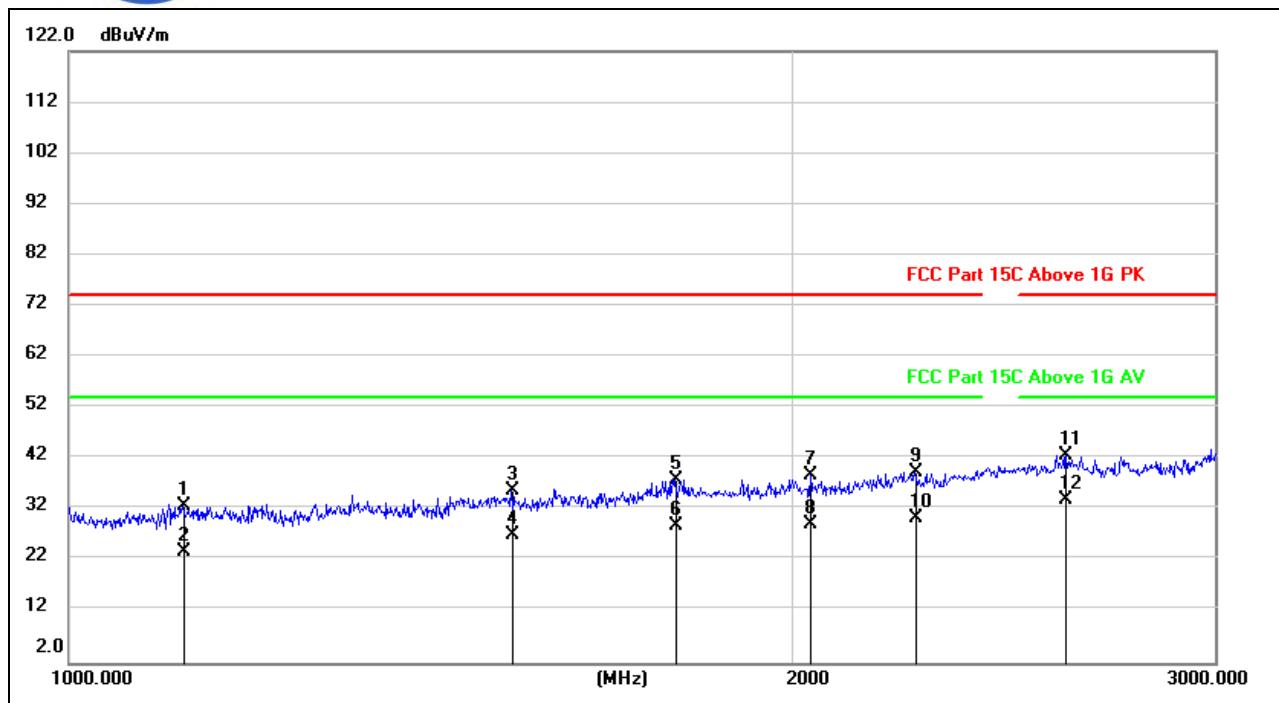


(802.11g _2437MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
36.6375	14.17	13.40	27.57	40.00	-12.43	peak	V
73.8756	17.37	10.06	27.43	40.00	-12.57	peak	V
170.1948	12.84	12.44	25.28	43.50	-18.22	peak	V
326.7395	8.39	17.35	25.74	46.00	-20.26	peak	V
645.1195	9.77	24.32	34.09	46.00	-11.91	peak	V
945.4399	8.33	28.38	36.71	46.00	-9.29	peak	V



REPORT No. : XM19030031W01

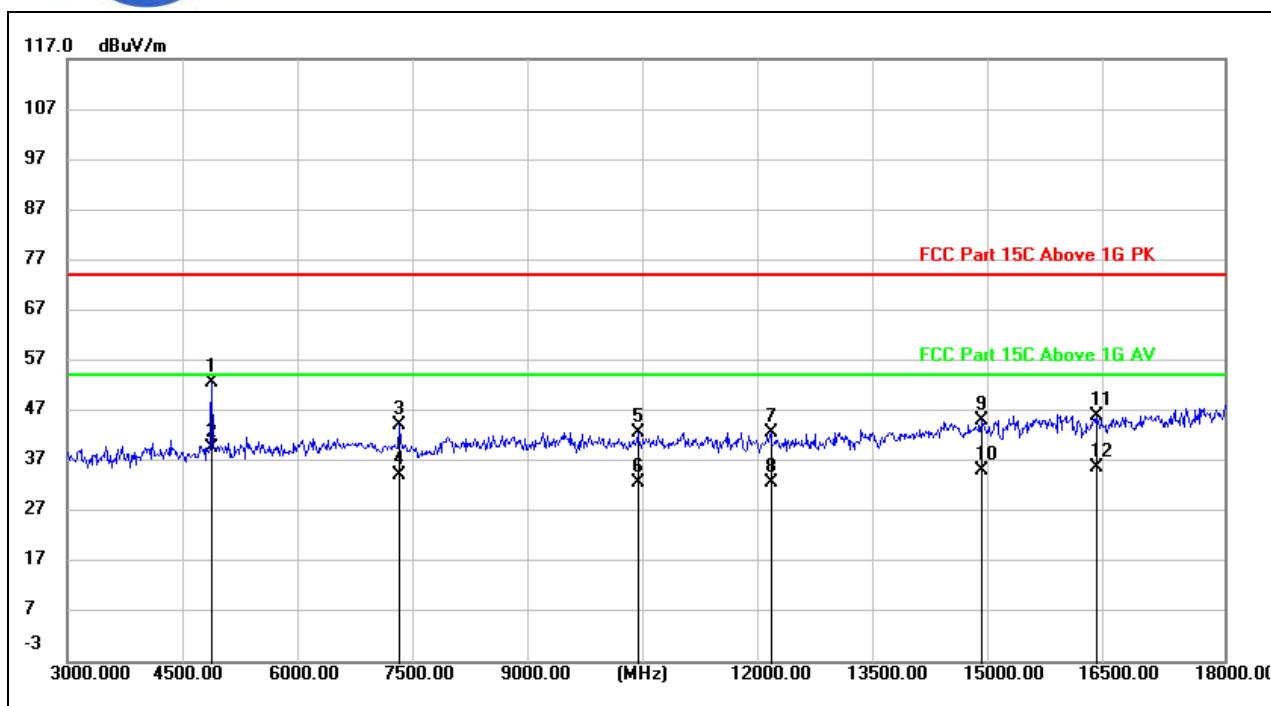


(802.11g _2437MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1114.898	9.92	22.76	32.68	74.00	-41.32	peak	V
1114.898	1.02	22.76	23.78	54.00	-30.22	AVG	V
1528.160	10.33	25.43	35.76	74.00	-38.24	peak	V
1528.160	1.67	25.43	27.10	54.00	-26.90	AVG	V
1788.122	10.54	27.29	37.83	74.00	-36.17	peak	V
1788.122	1.44	27.29	28.73	54.00	-25.27	AVG	V
2035.623	11.59	27.23	38.82	74.00	-35.18	peak	V
2035.623	1.90	27.23	29.13	54.00	-24.87	AVG	V
2249.653	9.94	29.44	39.38	74.00	-34.62	peak	V
2249.653	1.06	29.44	30.50	54.00	-23.50	AVG	V
2600.731	9.69	32.96	42.65	74.00	-31.35	peak	V
2600.731	1.02	32.96	33.98	54.00	-20.02	AVG	V



REPORT No. : XM19030031W01

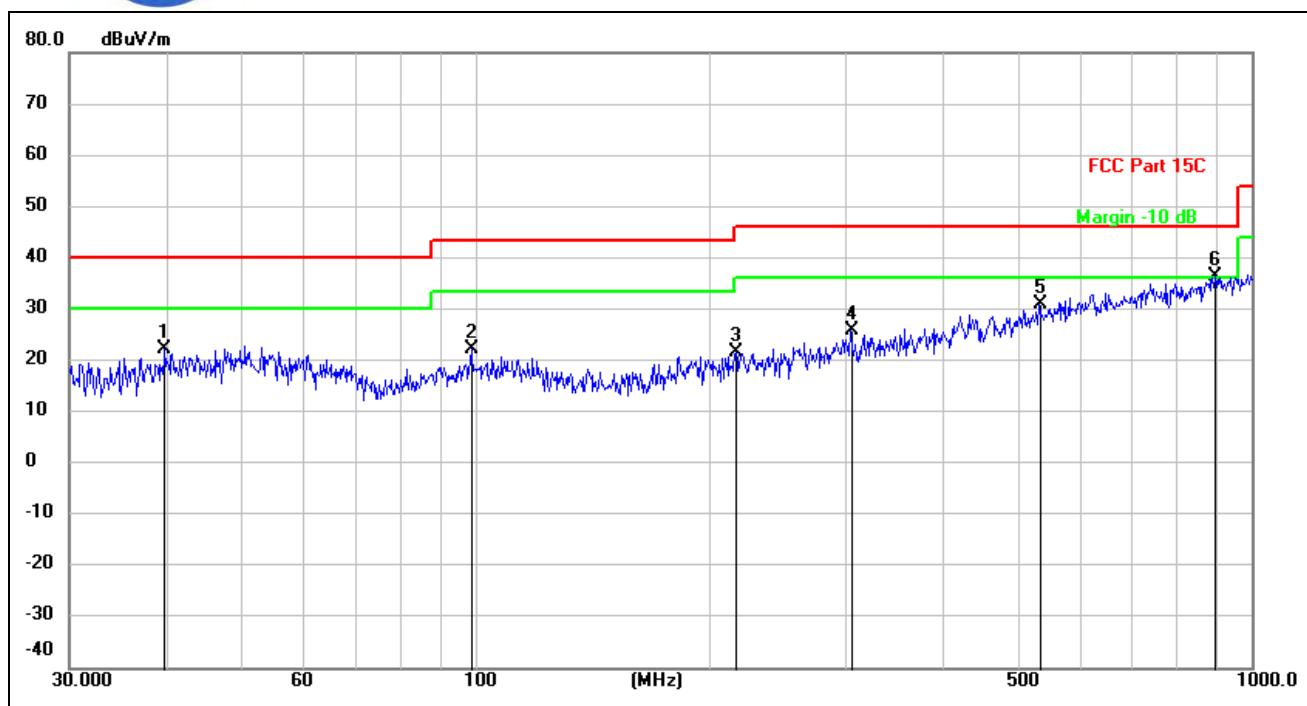


(802.11g _2437MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4875.000	55.53	-2.86	52.67	74.00	-21.33	peak	V
4875.000	42.99	-2.86	40.13	54.00	-13.87	AVG	V
7305.000	44.36	-0.26	44.10	74.00	-29.90	peak	V
7305.000	33.51	-0.26	33.25	54.00	-20.75	AVG	V
10395.000	40.05	2.60	42.65	74.00	-31.35	peak	V
10395.000	29.72	2.60	32.32	54.00	-21.68	AVG	V
12120.000	38.55	4.17	42.72	74.00	-31.28	peak	V
12120.000	27.48	4.17	31.65	54.00	-22.35	AVG	V
14850.000	36.02	9.01	45.03	74.00	-28.97	peak	V
14850.000	25.90	9.01	34.91	54.00	-19.09	AVG	V
16335.000	34.15	11.70	45.85	74.00	-28.15	peak	V
16335.000	23.49	11.70	35.19	54.00	-18.81	AVG	V



REPORT No. : XM19030031W01

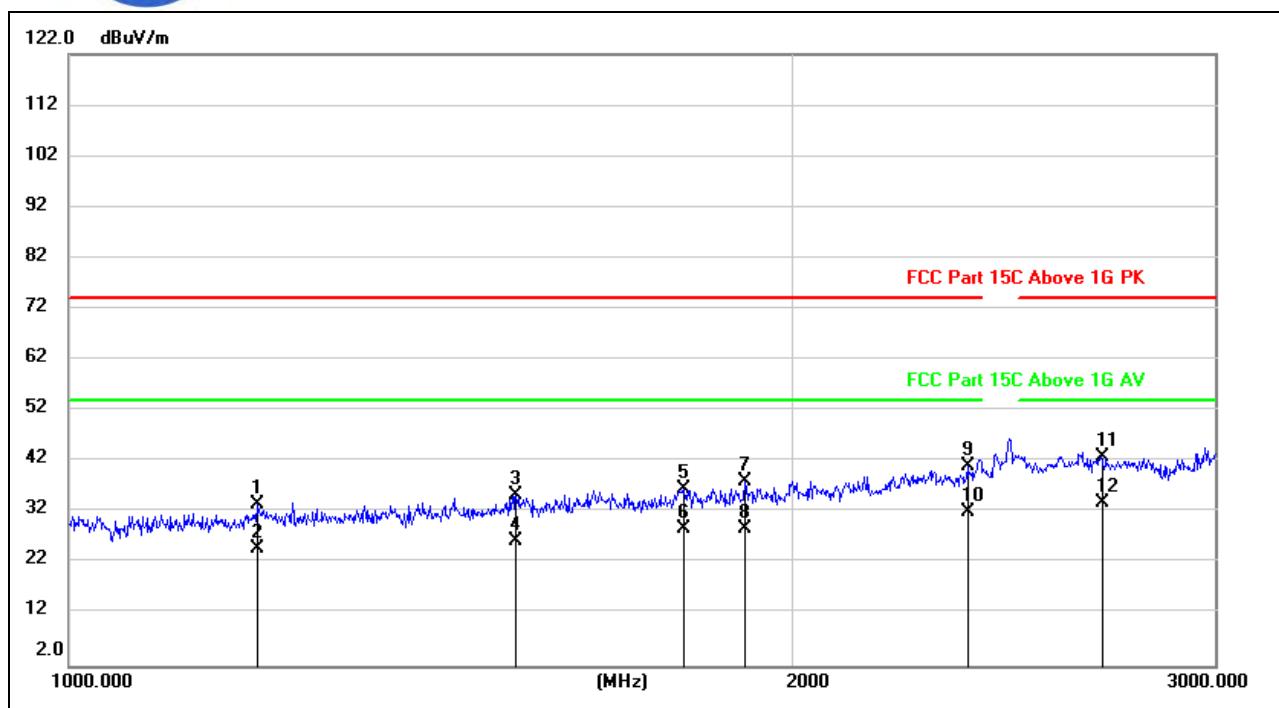


(802.11g _2462MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
39.8542	6.90	15.48	22.38	40.00	-17.62	peak	H
98.8326	7.90	14.23	22.13	43.50	-21.37	peak	H
216.7828	7.67	13.92	21.59	46.00	-24.41	peak	H
304.6100	9.15	16.83	25.98	46.00	-20.02	peak	H
531.9635	8.89	22.22	31.11	46.00	-14.89	peak	H
896.9965	8.54	27.99	36.53	46.00	-9.47	peak	H



REPORT No. : XM19030031W01

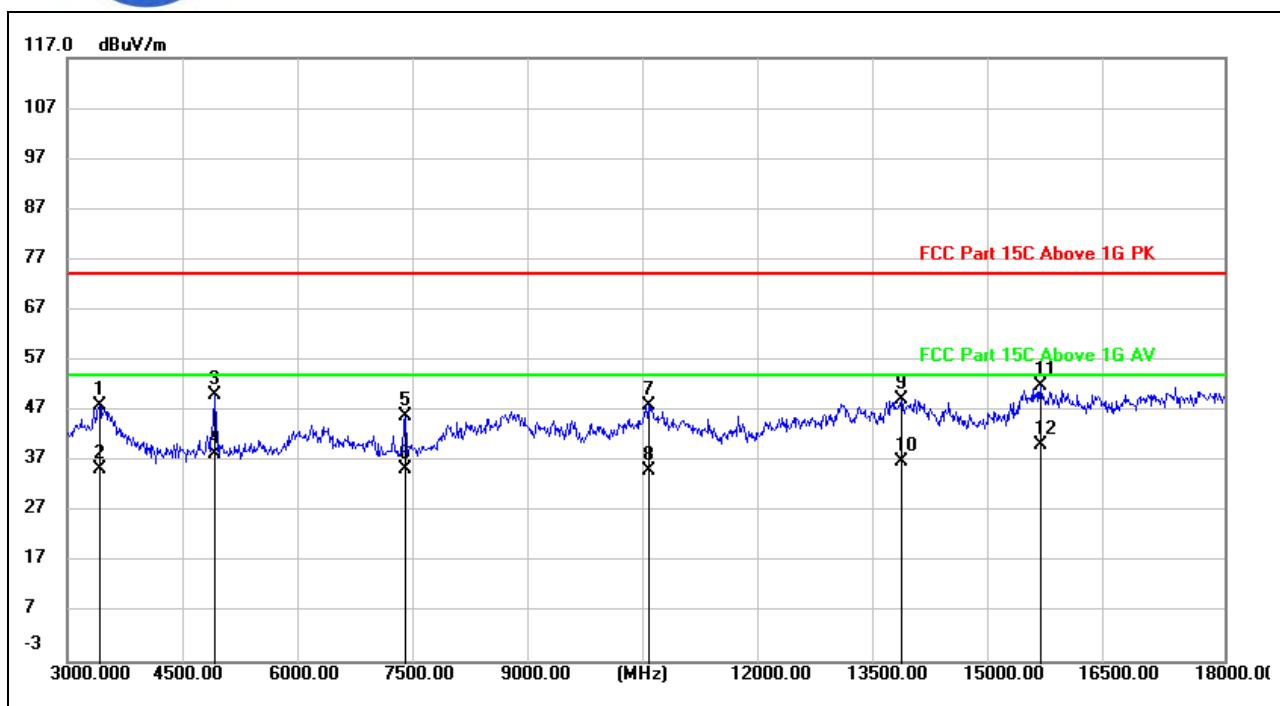


(802.11g _2462MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1197.424	9.61	24.02	33.63	74.00	-40.37	peak	H
1197.424	0.88	24.02	24.90	54.00	-29.10	AVG	H
1534.890	9.87	25.51	35.38	74.00	-38.62	peak	H
1534.890	1.04	25.51	26.55	54.00	-27.45	AVG	H
1801.926	8.53	28.08	36.61	74.00	-37.39	peak	H
1801.926	0.76	28.08	28.84	54.00	-25.16	AVG	H
1912.060	10.98	27.21	38.19	74.00	-35.81	peak	H
1912.060	1.68	27.21	28.89	54.00	-25.11	AVG	H
2366.263	11.00	30.14	41.14	74.00	-32.86	peak	H
2366.263	1.97	30.14	32.11	54.00	-21.89	AVG	H
2690.830	10.76	32.09	42.85	74.00	-31.15	peak	H
2690.830	1.75	32.09	33.84	54.00	-20.16	AVG	H



REPORT No. : XM19030031W01

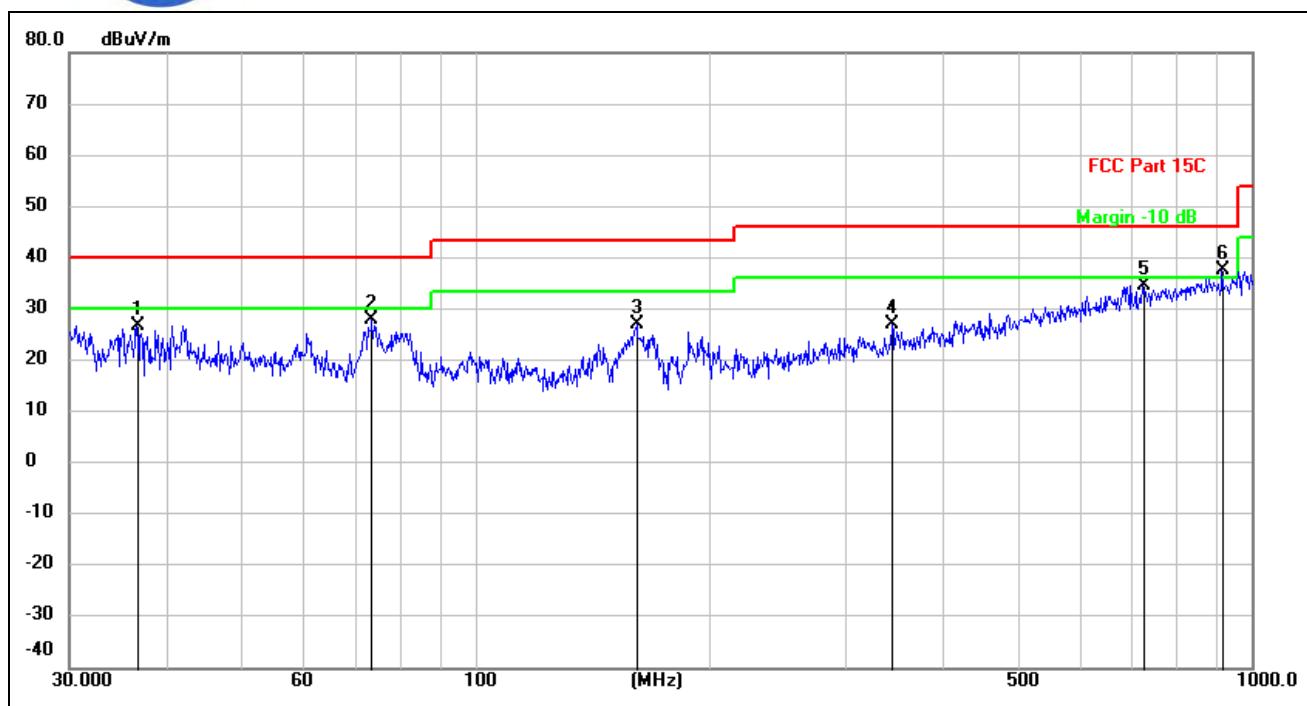


(802.11g _2462MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
3420.000	53.74	-5.87	47.87	74.00	-26.13	peak	H
3420.000	41.28	-5.87	35.41	54.00	-18.59	AVG	H
4905.000	52.84	-2.69	50.15	74.00	-23.85	peak	H
4905.000	41.17	-2.69	38.48	54.00	-15.52	AVG	H
7380.000	10.10	35.70	45.80	74.00	-28.20	peak	H
7380.000	-0.25	35.70	35.45	54.00	-18.55	AVG	H
10530.000	9.81	38.25	48.06	74.00	-25.94	peak	H
10530.000	-3.19	38.25	35.06	54.00	-18.94	AVG	H
13815.000	9.70	39.54	49.24	74.00	-24.76	peak	H
13815.000	-2.57	39.54	36.97	54.00	-17.03	AVG	H
15615.000	10.62	41.25	51.87	74.00	-22.13	peak	H
15615.000	-1.04	41.25	40.21	54.00	-13.79	AVG	H



REPORT No. : XM19030031W01

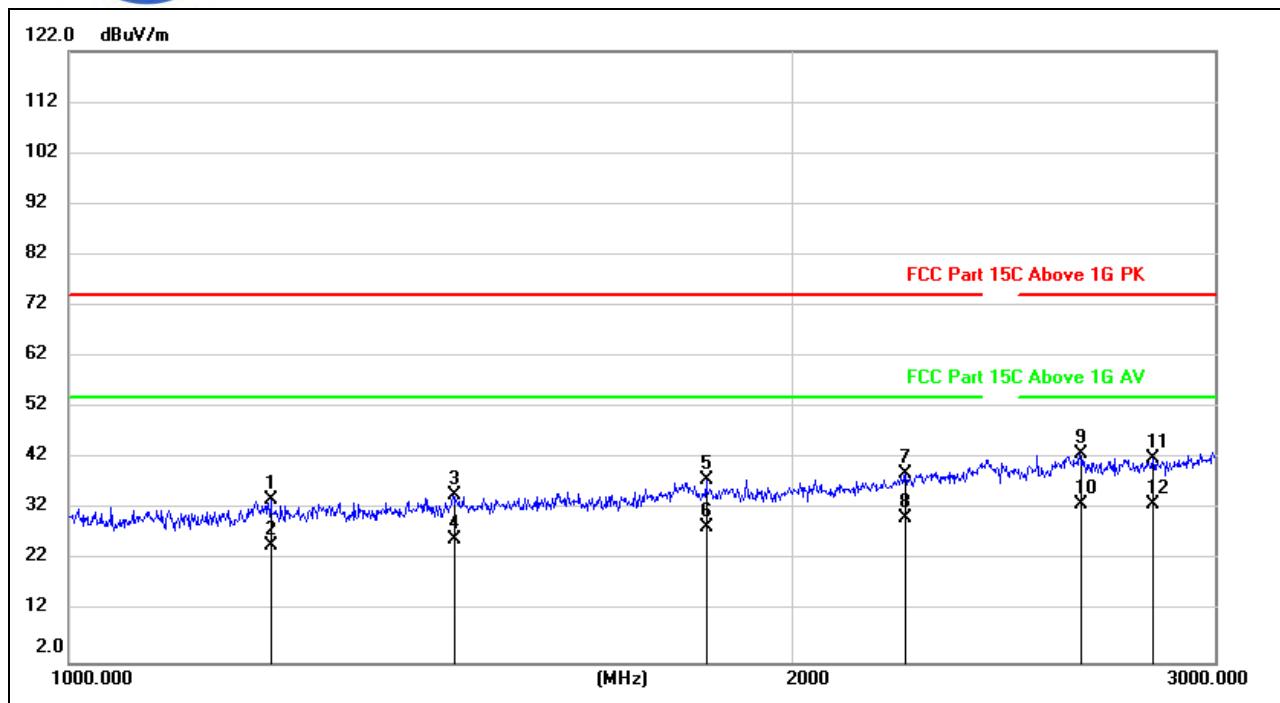


(802.11g _2462MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dB _{UV})	Factor (dB/m)	Level (dB _{UV} /m)	Limit (dB _{UV} /m)	Margin (dB)	Det.	Pol
36.6375	13.30	13.40	26.70	40.00	-13.30	peak	V
73.6170	17.87	10.13	28.00	40.00	-12.00	peak	V
161.4742	15.23	11.95	27.18	43.50	-16.32	peak	V
344.3855	8.86	18.19	27.05	46.00	-18.95	peak	V
724.2611	9.65	25.11	34.76	46.00	-11.24	peak	V
916.0687	9.59	28.00	37.59	46.00	-8.41	peak	V



REPORT No. : XM19030031W01

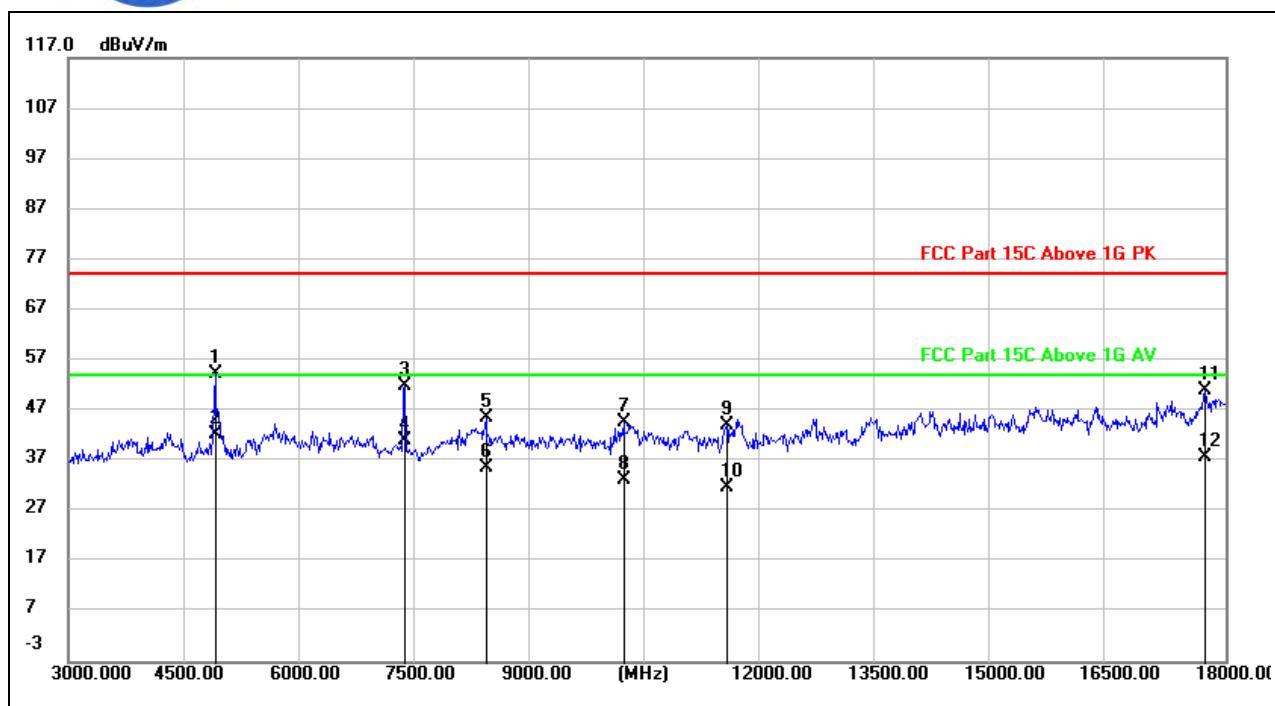


(802.11g _2462MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1213.314	10.34	23.53	33.87	74.00	-40.13	peak	V
1213.314	1.31	23.53	24.84	54.00	-29.16	AVG	V
1444.893	10.36	24.39	34.75	74.00	-39.25	peak	V
1444.893	1.77	24.39	26.16	54.00	-27.84	AVG	V
1841.957	10.54	27.16	37.70	74.00	-36.30	peak	V
1841.957	1.36	27.16	28.52	54.00	-25.48	AVG	V
2229.967	9.89	29.30	39.19	74.00	-34.81	peak	V
2229.967	1.01	29.30	30.31	54.00	-23.69	AVG	V
2635.245	10.94	31.99	42.93	74.00	-31.07	peak	V
2635.245	1.11	31.99	33.10	54.00	-20.90	AVG	V
2827.201	10.20	31.85	42.05	74.00	-31.95	peak	V
2827.201	1.27	31.85	33.12	54.00	-20.88	AVG	V

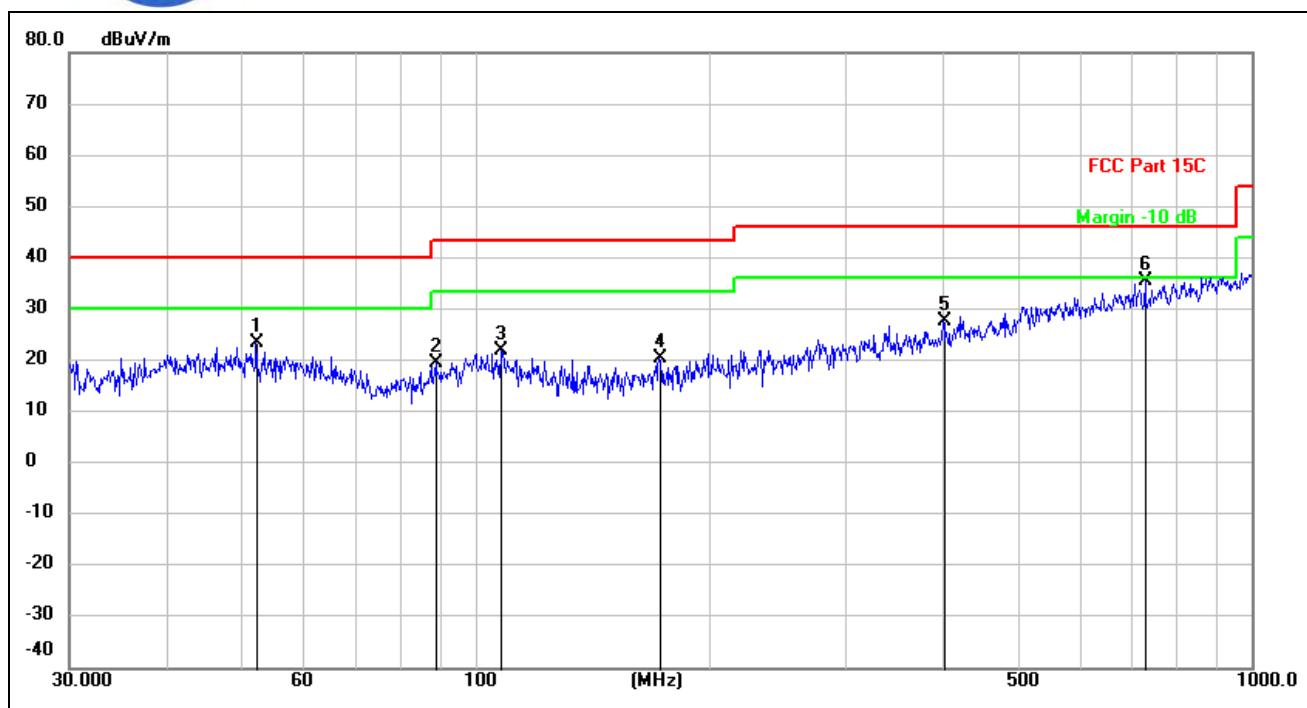


REPORT No. : XM19030031W01



(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
4905.000	56.87	-2.69	54.18	74.00	-19.82	peak	V
4905.000	45.01	-2.69	42.32	54.00	-11.68	AVG	V
7365.000	16.27	35.71	51.98	74.00	-22.02	peak	V
7365.000	5.24	35.71	40.95	54.00	-13.05	AVG	V
8415.000	9.03	36.67	45.70	74.00	-28.30	peak	V
8415.000	-1.09	36.67	35.58	54.00	-18.42	AVG	V
10200.000	7.33	37.32	44.65	74.00	-29.35	peak	V
10200.000	-4.20	37.32	33.12	54.00	-20.88	AVG	V
11535.000	6.32	37.85	44.17	74.00	-29.83	peak	V
11535.000	-6.18	37.85	31.67	54.00	-22.33	AVG	V
17730.000	7.28	43.63	50.91	74.00	-23.09	peak	V
17730.000	-5.93	43.63	37.70	54.00	-16.30	AVG	V

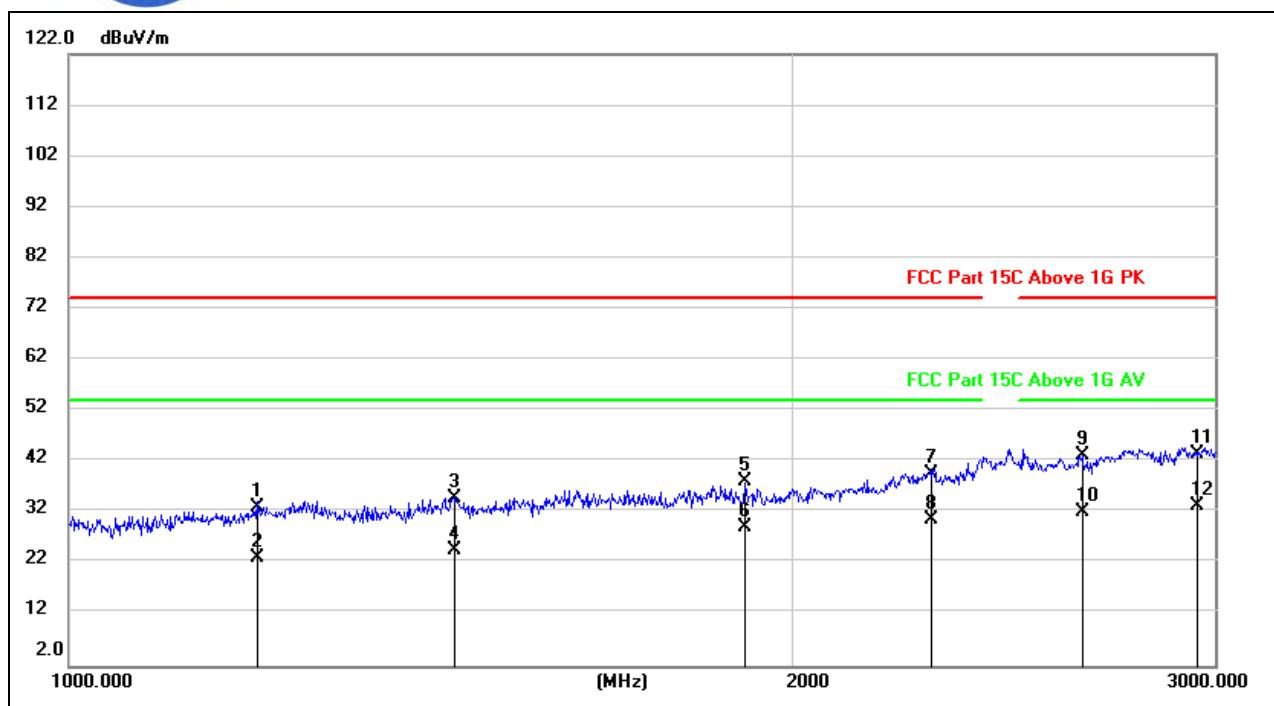


(802.11 n20 _2412MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
52.2079	8.00	15.41	23.41	40.00	-16.59	peak	H
88.9639	7.06	12.46	19.52	43.50	-23.98	peak	H
107.8877	7.25	14.57	21.82	43.50	-21.68	peak	H
172.5988	8.49	11.89	20.38	43.50	-23.12	peak	H
400.4319	8.04	19.66	27.70	46.00	-18.30	peak	H
729.3583	10.14	25.36	35.50	46.00	-10.50	peak	H



REPORT No. : XM19030031W01

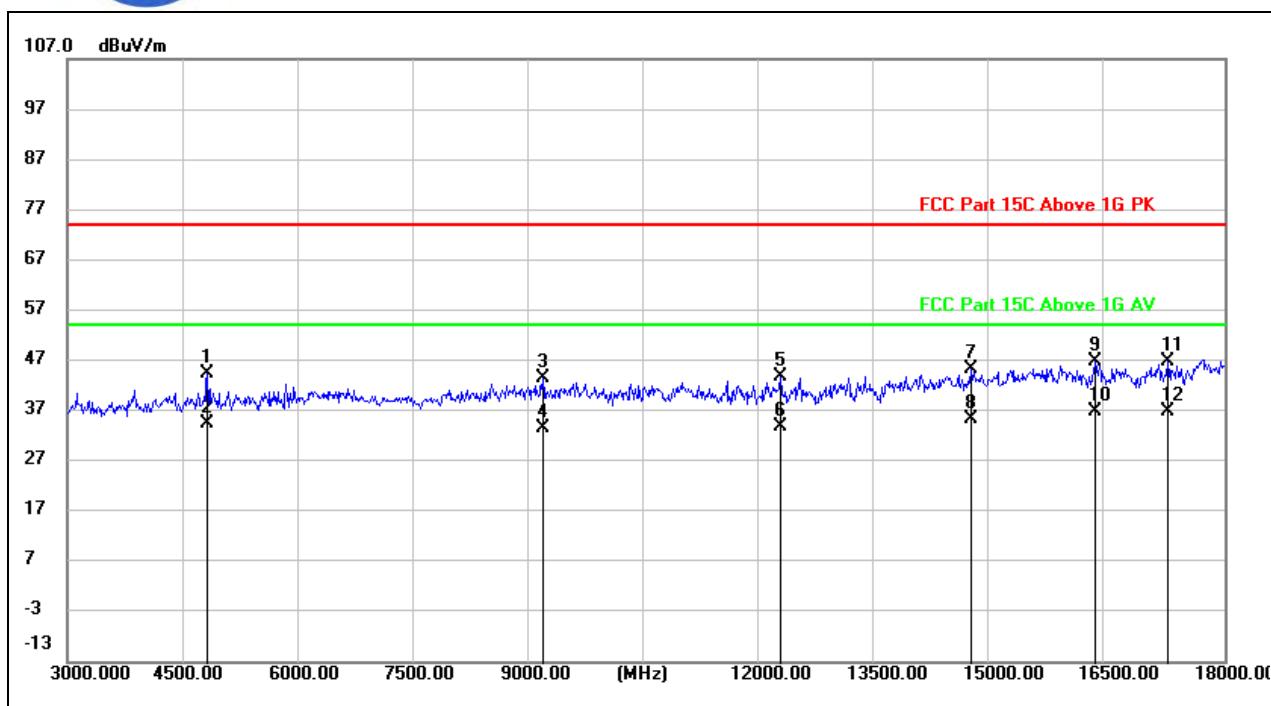


(802.11 n20 _2412MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1197.424	9.25	24.02	33.27	74.00	-40.73	peak	H
1197.424	-0.89	24.02	23.13	54.00	-30.87	AVG	H
1446.481	10.22	24.41	34.63	74.00	-39.37	peak	H
1446.481	0.09	24.41	24.50	54.00	-29.50	AVG	H
1912.060	10.98	27.21	38.19	74.00	-35.81	peak	H
1912.060	0.84	27.21	28.05	54.00	-25.95	AVG	H
2284.521	10.12	29.66	39.78	74.00	-34.22	peak	H
2284.521	-0.05	29.66	29.61	54.00	-24.39	AVG	H
2641.041	11.18	32.03	43.21	74.00	-30.79	peak	H
2641.041	0.03	32.03	32.06	54.00	-21.94	AVG	H
2944.491	11.39	32.04	43.43	74.00	-30.57	peak	H
2944.491	0.24	32.04	32.28	54.00	-21.72	AVG	H



REPORT No. : XM19030031W01

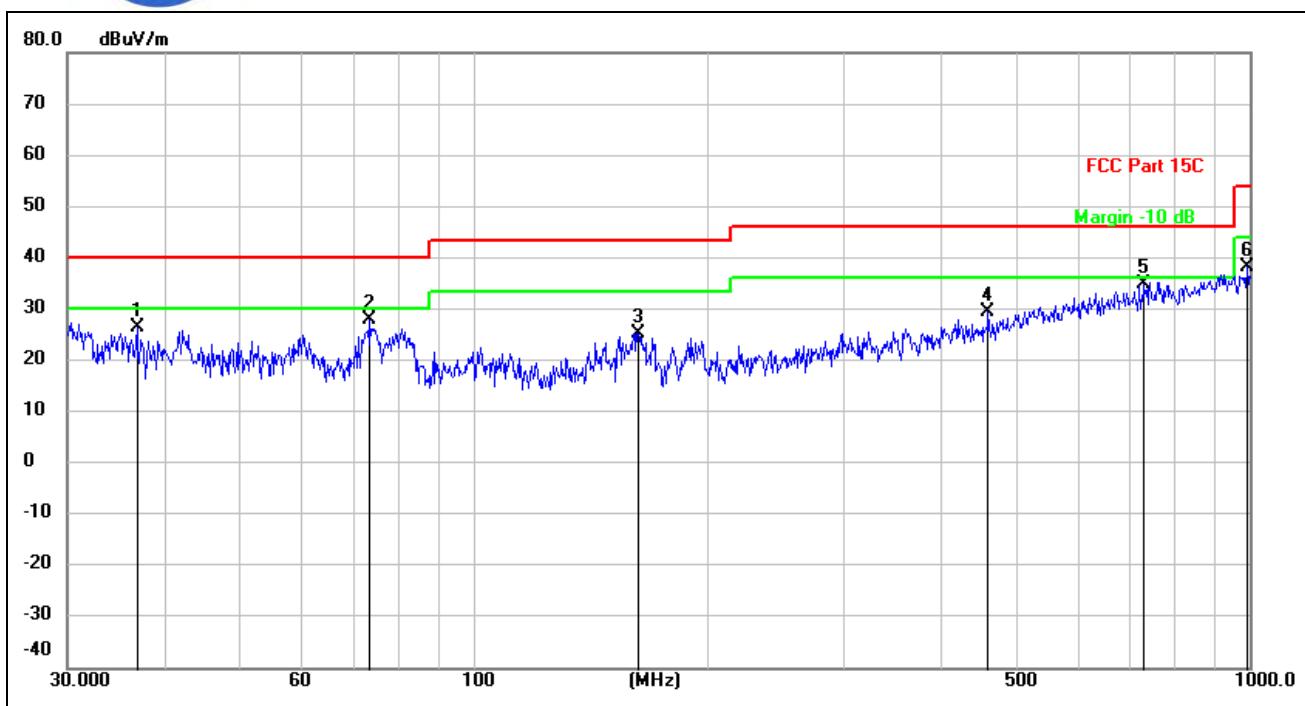


(802.11 n20 _2412MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4815.000	47.68	-3.28	44.40	74.00	-29.60	peak	H
4815.000	36.92	-3.28	33.64	54.00	-20.36	AVG	H
9165.000	42.01	1.48	43.49	74.00	-30.51	peak	H
9165.000	31.43	1.48	32.91	54.00	-21.09	AVG	H
12240.000	39.77	4.04	43.81	74.00	-30.19	peak	H
12240.000	28.91	4.04	32.95	54.00	-21.05	AVG	H
14715.000	35.84	9.41	45.25	74.00	-28.75	peak	H
14715.000	24.90	9.41	34.31	54.00	-19.69	AVG	H
16320.000	35.24	11.74	46.98	74.00	-27.02	peak	H
16320.000	23.89	11.74	35.63	54.00	-18.37	AVG	H
17265.000	34.07	12.70	46.77	74.00	-27.23	peak	H
17265.000	23.25	12.70	35.95	54.00	-18.05	AVG	H



REPORT No. : XM19030031W01

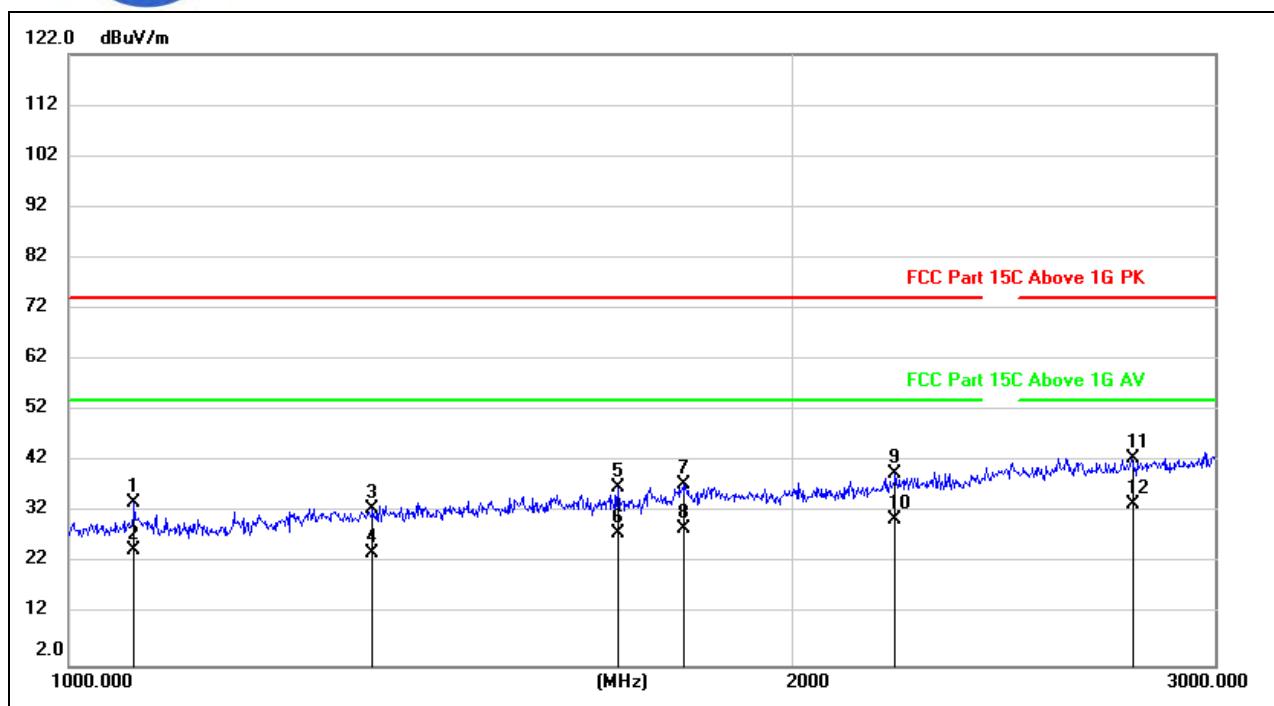


(802.11 n20 _2412MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
36.8953	12.80	13.54	26.34	40.00	-13.66	peak	V
73.6170	17.76	10.13	27.89	40.00	-12.11	peak	V
162.6106	13.71	11.63	25.34	43.50	-18.16	peak	V
460.7271	8.36	21.08	29.44	46.00	-16.56	peak	V
731.9203	9.48	25.53	35.01	46.00	-10.99	peak	V
993.0114	9.69	28.59	38.28	54.00	-15.72	peak	V



REPORT No. : XM19030031W01

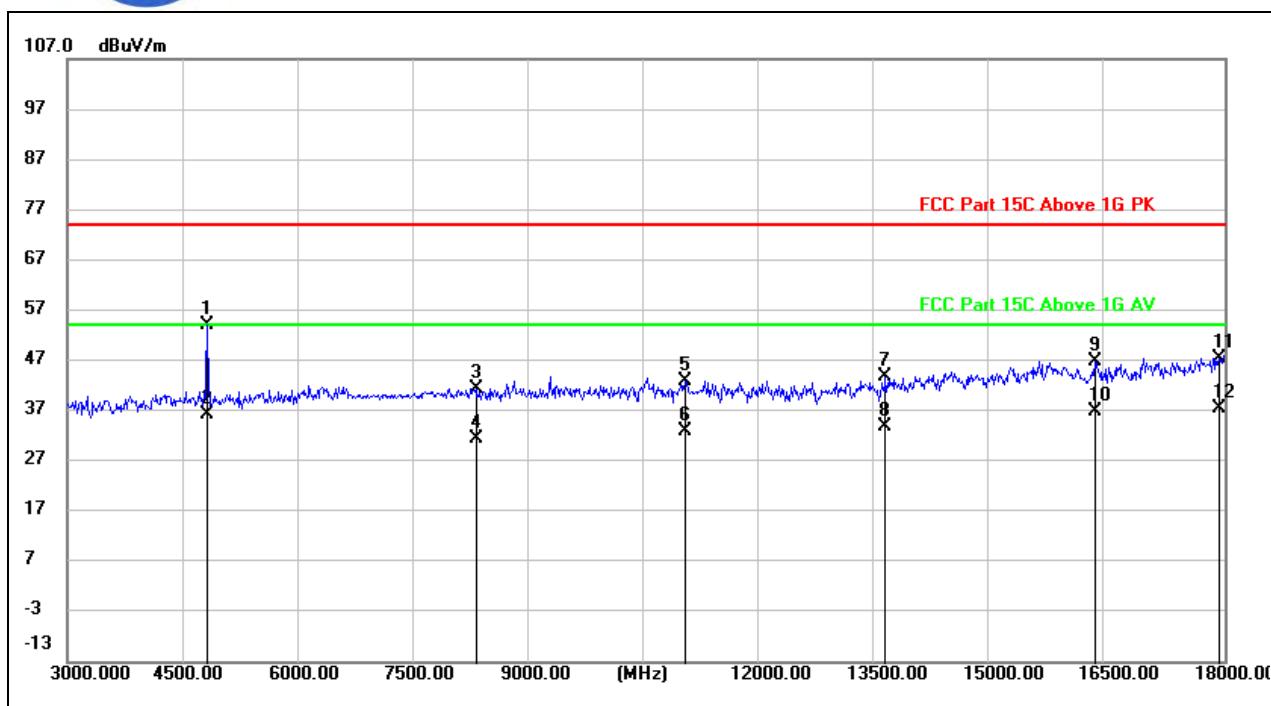


(802.11 n20 _2412MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1064.623	11.27	22.68	33.95	74.00	-40.05	peak	V
1064.623	1.85	22.68	24.53	54.00	-29.47	AVG	V
1337.941	8.91	23.93	32.84	74.00	-41.16	peak	V
1337.941	0.11	23.93	24.04	54.00	-29.96	AVG	V
1692.548	11.18	25.83	37.01	74.00	-36.99	peak	V
1692.548	1.99	25.83	27.82	54.00	-26.18	AVG	V
1801.926	9.45	28.08	37.53	74.00	-36.47	peak	V
1801.926	0.89	28.08	28.97	54.00	-25.03	AVG	V
2208.027	10.42	29.11	39.53	74.00	-34.47	peak	V
2208.027	1.43	29.11	30.54	54.00	-23.46	AVG	V
2768.799	10.81	31.89	42.70	74.00	-31.30	peak	V
2768.799	1.75	31.89	33.64	54.00	-20.36	AVG	V



REPORT No. : XM19030031W01

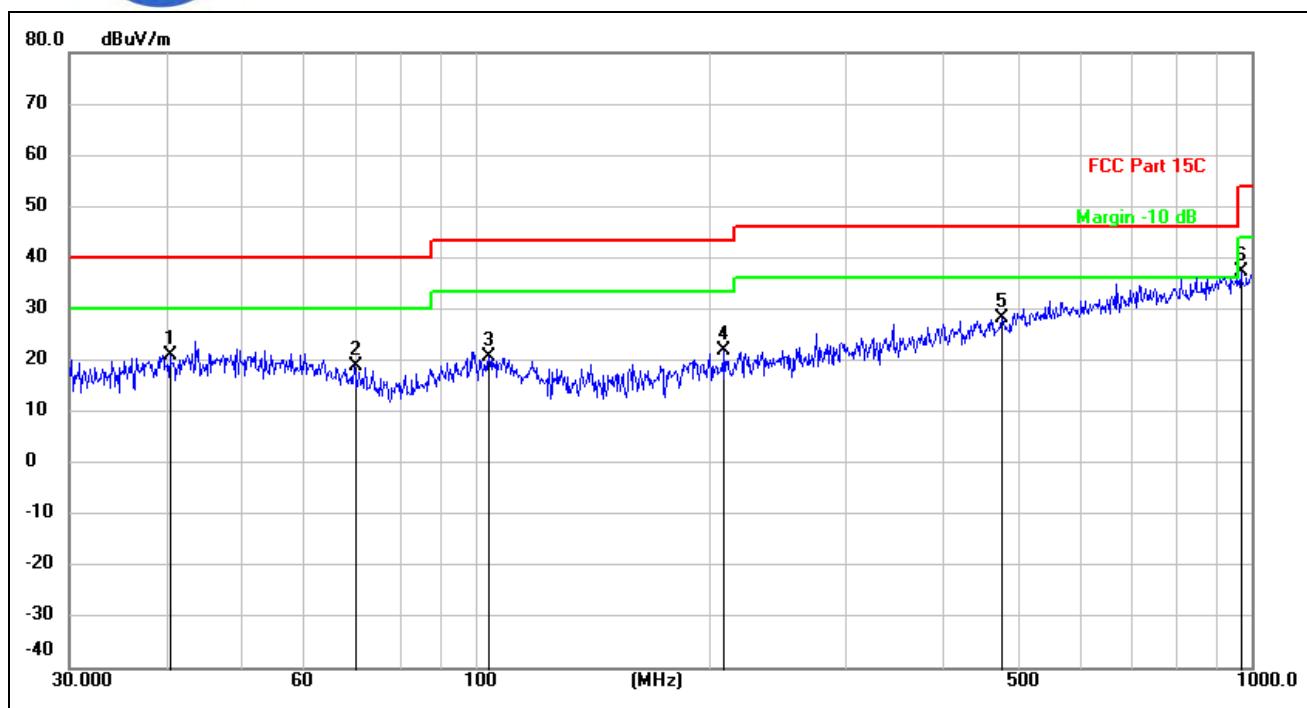


(802.11 n20 _2412MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4815.000	57.47	-3.28	54.19	74.00	-19.81	peak	V
4815.000	39.69	-3.28	36.41	54.00	-17.59	AVG	V
8295.000	40.52	0.98	41.50	74.00	-32.50	peak	V
8295.000	29.75	0.98	30.73	54.00	-23.27	AVG	V
11010.000	39.72	3.26	42.98	74.00	-31.02	peak	V
11010.000	28.61	3.26	31.87	54.00	-22.13	AVG	V
13605.000	37.37	6.50	43.87	74.00	-30.13	peak	V
13605.000	26.90	6.50	33.40	54.00	-20.60	AVG	V
16320.000	35.05	11.74	46.79	74.00	-27.21	peak	V
16320.000	24.01	11.74	35.75	54.00	-18.25	AVG	V
17925.000	32.78	14.78	47.56	74.00	-26.44	peak	V
17925.000	22.03	14.78	36.81	54.00	-17.19	AVG	V



REPORT No. : XM19030031W01

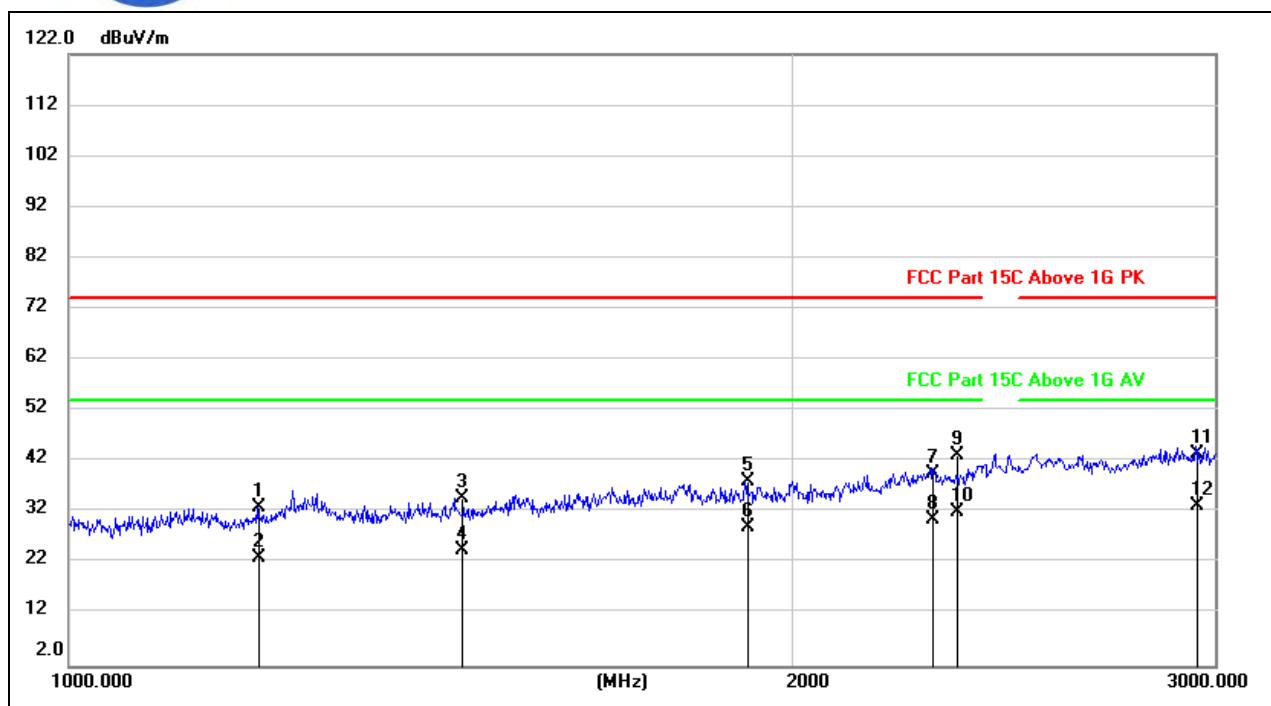


(802.11 n20 _2437MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
40.4172	5.90	15.30	21.20	40.00	-18.80	peak	H
69.8450	6.95	12.13	19.08	40.00	-20.92	peak	H
104.1701	6.57	14.28	20.85	43.50	-22.65	peak	H
209.3129	8.72	13.30	22.02	43.50	-21.48	peak	H
477.1694	7.26	20.97	28.23	46.00	-17.77	peak	H
968.9338	9.02	28.30	37.32	54.00	-16.68	peak	H



REPORT No. : XM19030031W01

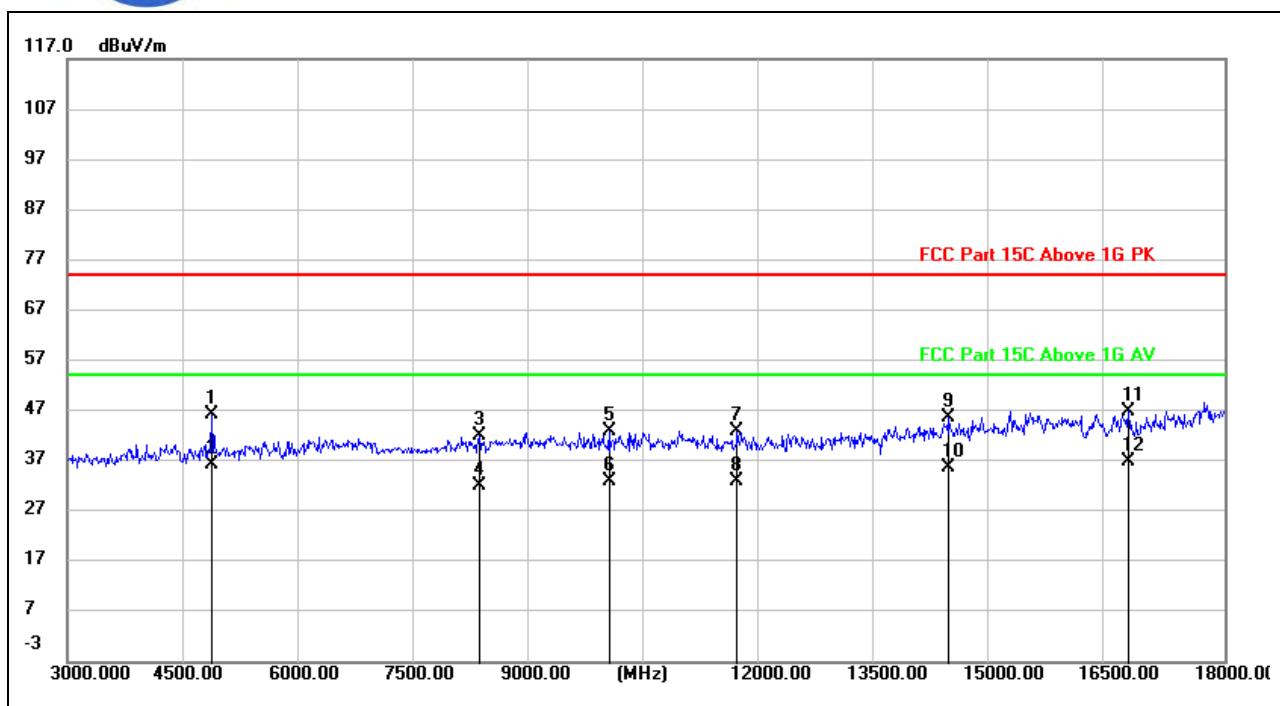


(802.11 n20 _2437MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1199.424	8.99	24.16	33.15	74.00	-40.85	peak	H
1199.424	-1.03	24.16	23.13	54.00	-30.87	AVG	H
1456.481	10.15	24.55	34.70	74.00	-39.30	peak	H
1456.481	0.02	24.55	24.57	54.00	-29.43	AVG	H
1917.060	10.99	27.20	38.19	74.00	-35.81	peak	H
1917.060	0.45	27.20	27.65	54.00	-26.35	AVG	H
2289.521	10.08	29.70	39.78	74.00	-34.22	peak	H
2289.521	0.06	29.70	29.76	54.00	-24.24	AVG	H
2341.041	13.24	29.97	43.21	74.00	-30.79	peak	H
2341.041	1.90	29.97	31.87	54.00	-22.13	AVG	H
2946.491	11.38	32.05	43.43	74.00	-30.57	peak	H
2946.491	0.72	32.05	32.77	54.00	-21.23	AVG	H



REPORT No. : XM19030031W01

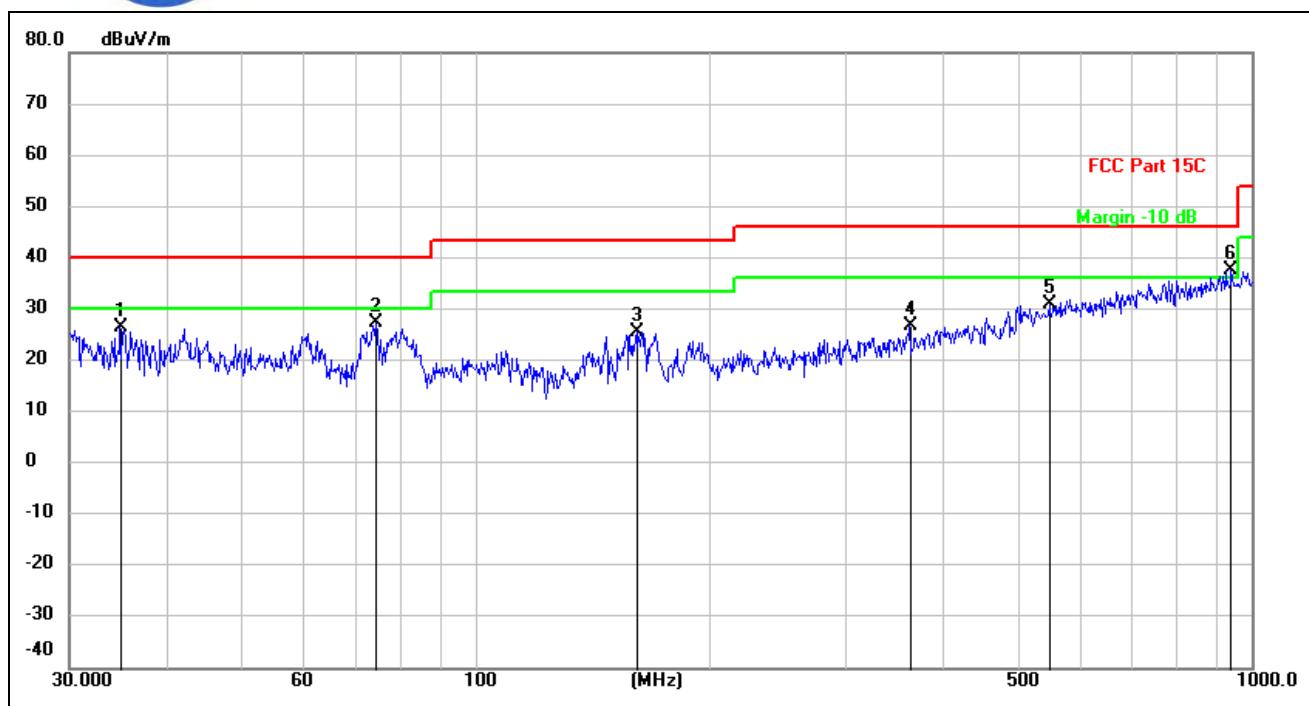


(802.11 n20 _2437MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4875.000	49.06	-2.86	46.20	74.00	-27.80	peak	H
4875.000	39.21	-2.86	36.35	54.00	-17.65	AVG	H
8340.000	41.35	0.76	42.11	74.00	-31.89	peak	H
8340.000	30.79	0.76	31.55	54.00	-22.45	AVG	H
10020.000	41.14	1.83	42.97	74.00	-31.03	peak	H
10020.000	30.51	1.83	32.34	54.00	-21.66	AVG	H
11685.000	39.24	3.90	43.14	74.00	-30.86	peak	H
11685.000	28.98	3.90	32.88	54.00	-21.12	AVG	H
14430.000	36.72	9.12	45.84	74.00	-28.16	peak	H
14430.000	25.39	9.12	34.51	54.00	-19.49	AVG	H
16755.000	35.12	11.72	46.84	74.00	-27.16	peak	H
16755.000	24.47	11.72	36.19	54.00	-17.81	AVG	H



REPORT No. : XM19030031W01

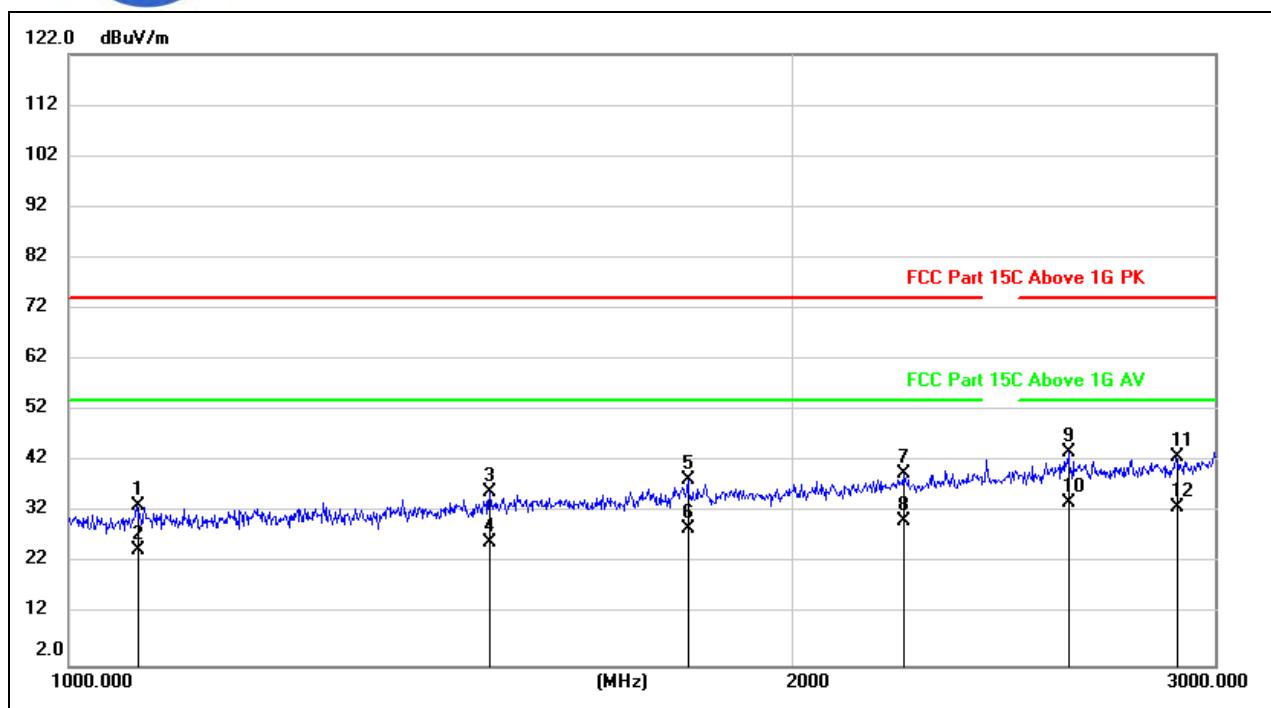


(802.11 n20 _2437MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
34.8823	13.91	12.67	26.58	40.00	-13.42	peak	V
74.3955	17.32	9.93	27.25	40.00	-12.75	peak	V
161.4742	13.62	11.95	25.57	43.50	-17.93	peak	V
362.9845	8.43	18.27	26.70	46.00	-19.30	peak	V
549.0195	8.52	22.58	31.10	46.00	-14.90	peak	V
942.1305	9.20	28.40	37.60	46.00	-8.40	peak	V



REPORT No. : XM19030031W01

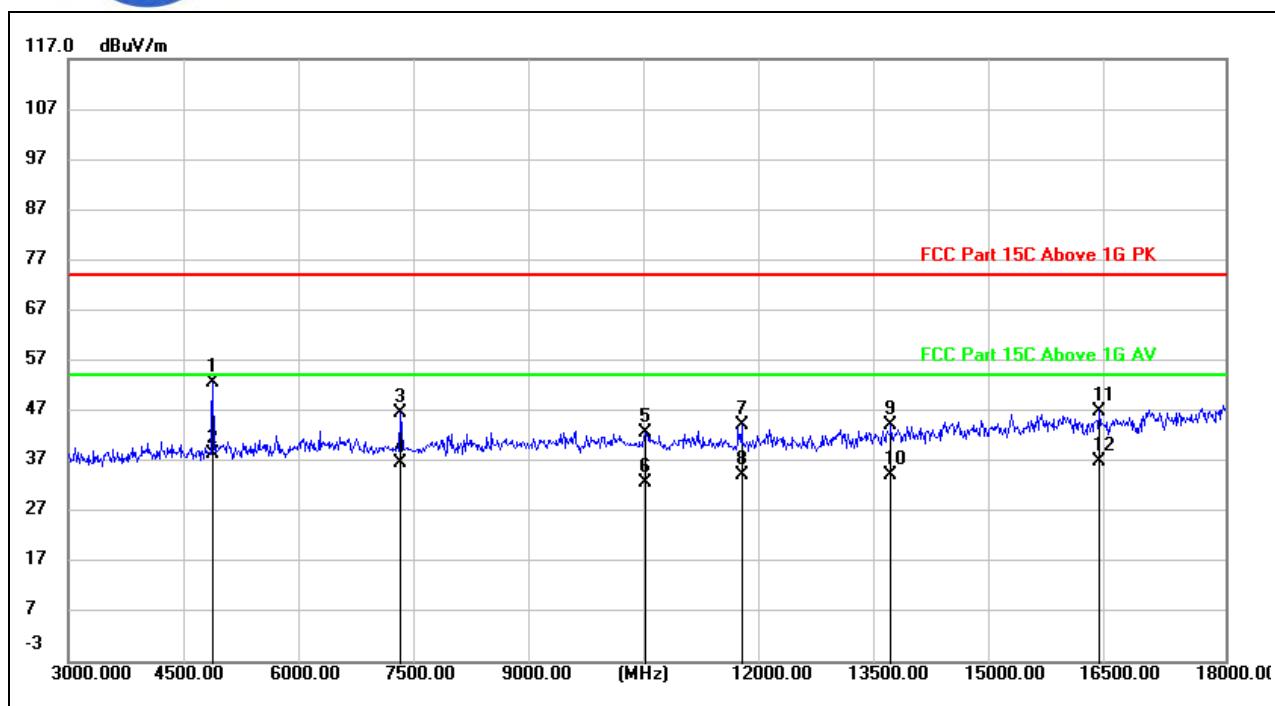


(802.11 n20 _2437MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1066.965	10.66	22.71	33.37	74.00	-40.63	peak	V
1066.965	1.97	22.71	24.68	54.00	-29.32	AVG	V
1496.592	11.15	25.04	36.19	74.00	-37.81	peak	V
1496.592	1.09	25.04	26.13	54.00	-27.87	AVG	V
1809.862	10.89	27.59	38.48	74.00	-35.52	peak	V
1809.862	1.16	27.59	28.75	54.00	-25.25	AVG	V
2225.073	10.50	29.28	39.78	74.00	-34.22	peak	V
2225.073	1.13	29.28	30.41	54.00	-23.59	AVG	V
2606.452	11.12	32.64	43.76	74.00	-30.24	peak	V
2606.452	1.30	32.64	33.94	54.00	-20.06	AVG	V
2890.009	10.93	31.90	42.83	74.00	-31.17	peak	V
2890.009	1.10	31.90	33.00	54.00	-21.00	AVG	V



REPORT No. : XM19030031W01

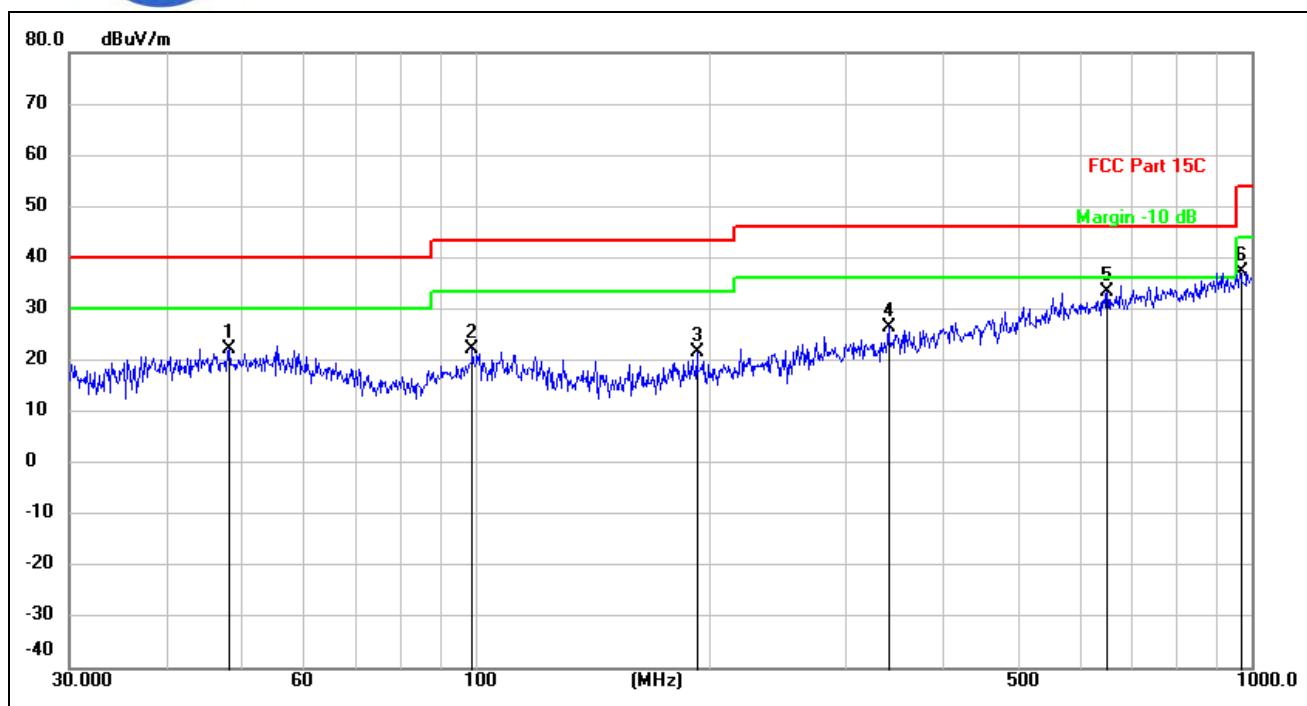


(802.11 n20 _2437MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4875.000	55.38	-2.86	52.52	74.00	-21.48	peak	V
4875.000	42.92	-2.86	40.06	54.00	-13.94	AVG	V
7305.000	46.90	-0.26	46.64	74.00	-27.36	peak	V
7305.000	35.55	-0.26	35.29	54.00	-18.71	AVG	V
10485.000	39.21	3.37	42.58	74.00	-31.42	peak	V
10485.000	28.67	3.37	32.04	54.00	-21.96	AVG	V
11730.000	40.16	3.95	44.11	74.00	-29.89	peak	V
11730.000	29.82	3.95	33.77	54.00	-20.23	AVG	V
13665.000	37.17	7.20	44.37	74.00	-29.63	peak	V
13665.000	26.02	7.20	33.22	54.00	-20.78	AVG	V
16365.000	35.58	11.32	46.90	74.00	-27.10	peak	V
16365.000	24.41	11.32	35.73	54.00	-18.27	AVG	V



REPORT No. : XM19030031W01

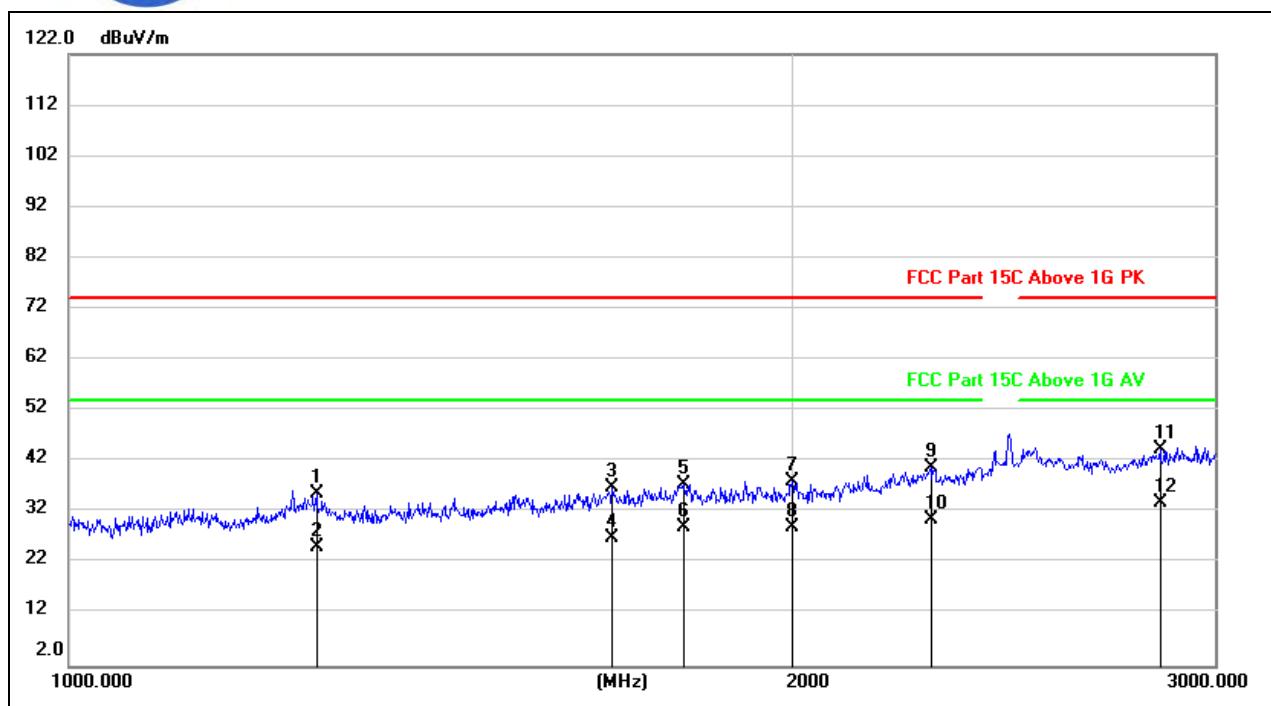


(802.11 n20 _2462MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
48.1626	6.71	15.52	22.23	40.00	-17.77	peak	H
99.1797	7.70	14.52	22.22	43.50	-21.28	peak	H
193.0945	8.18	13.36	21.54	43.50	-21.96	peak	H
340.7817	8.29	18.25	26.54	46.00	-19.46	peak	H
651.9417	9.12	24.15	33.27	46.00	-12.73	peak	H
965.5421	8.97	28.26	37.23	54.00	-16.77	peak	H



REPORT No. : XM19030031W01

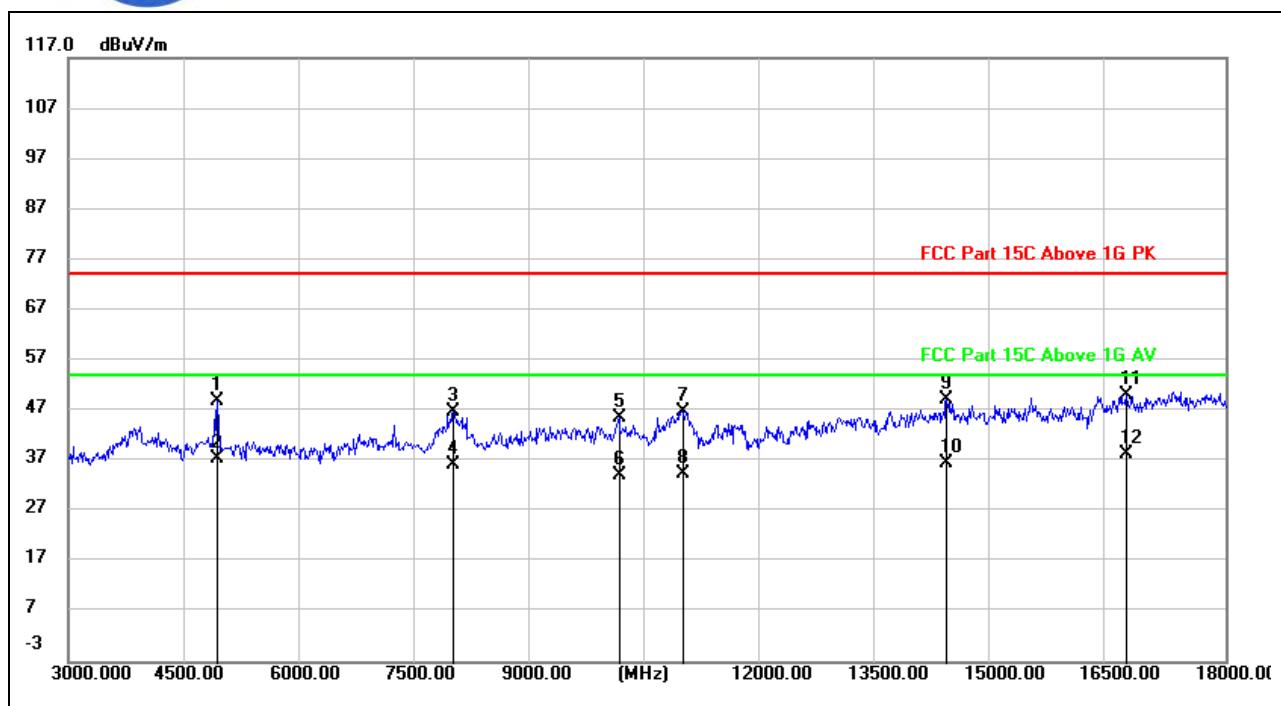


(802.11 n20 _2462MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1267.822	11.96	23.74	35.70	74.00	-38.30	peak	H
1267.822	1.36	23.74	25.10	54.00	-28.90	AVG	H
1683.276	11.11	25.78	36.89	74.00	-37.11	peak	H
1683.276	1.28	25.78	27.06	54.00	-26.94	AVG	H
1801.926	9.53	28.08	37.61	74.00	-36.39	peak	H
1801.926	1.01	28.08	29.09	54.00	-24.91	AVG	H
2000.154	10.07	28.19	38.26	74.00	-35.74	peak	H
2000.154	1.04	28.19	29.23	54.00	-24.77	AVG	H
2284.521	11.12	29.66	40.78	74.00	-33.22	peak	H
2284.521	1.12	29.66	30.78	54.00	-23.22	AVG	H
2845.899	12.55	31.88	44.43	74.00	-29.57	peak	H
2845.899	2.01	31.88	33.89	54.00	-20.11	AVG	H



REPORT No. : XM19030031W01

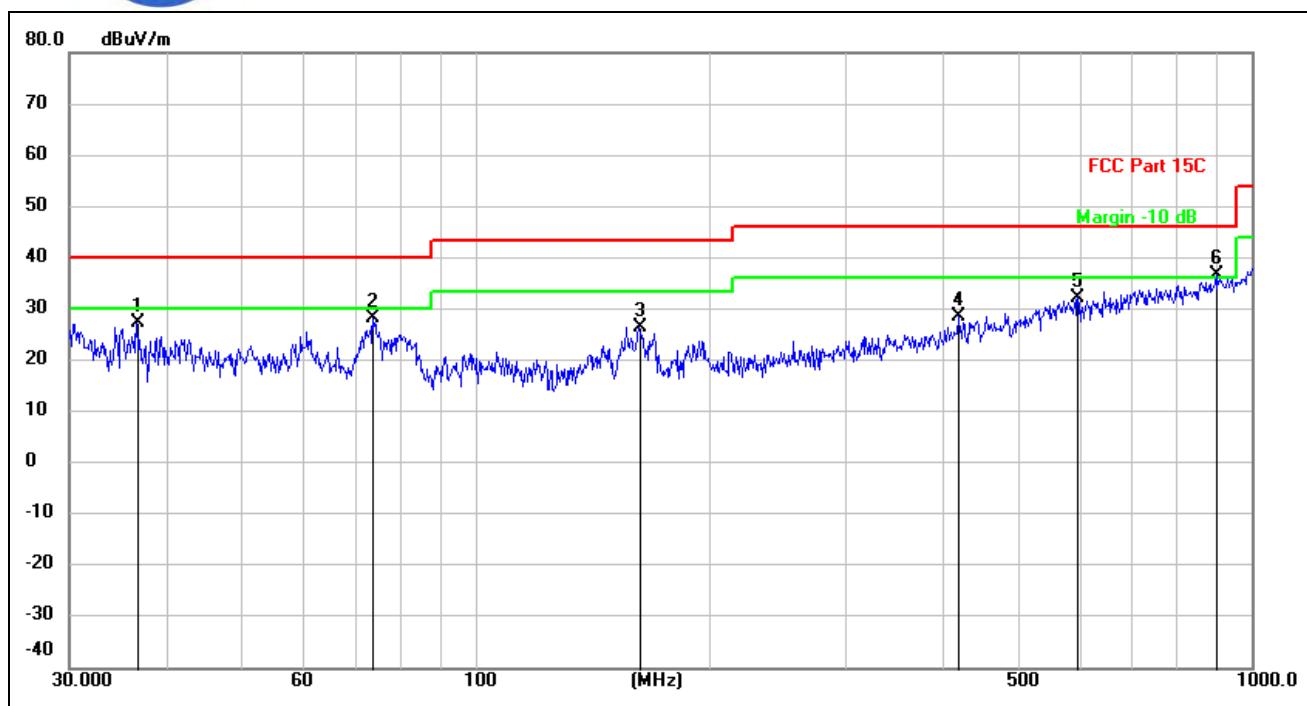


(802.11 n20 _2462MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4935.000	51.60	-2.83	48.77	74.00	-25.23	peak	H
4935.000	40.37	-2.83	37.54	54.00	-16.46	AVG	H
7995.000	10.41	36.40	46.81	74.00	-27.19	peak	H
7995.000	-0.09	36.40	36.31	54.00	-17.69	AVG	H
10140.000	8.29	37.34	45.63	74.00	-28.37	peak	H
10140.000	-3.25	37.34	34.09	54.00	-19.91	AVG	H
10965.000	8.73	38.14	46.87	74.00	-27.13	peak	H
10965.000	-3.58	38.14	34.56	54.00	-19.44	AVG	H
14385.000	8.62	40.48	49.10	74.00	-24.90	peak	H
14385.000	-4.01	40.48	36.47	54.00	-17.53	AVG	H
16710.000	7.99	42.13	50.12	74.00	-23.88	peak	H
16710.000	-3.86	42.13	38.27	54.00	-15.73	AVG	H



REPORT No. : XM19030031W01

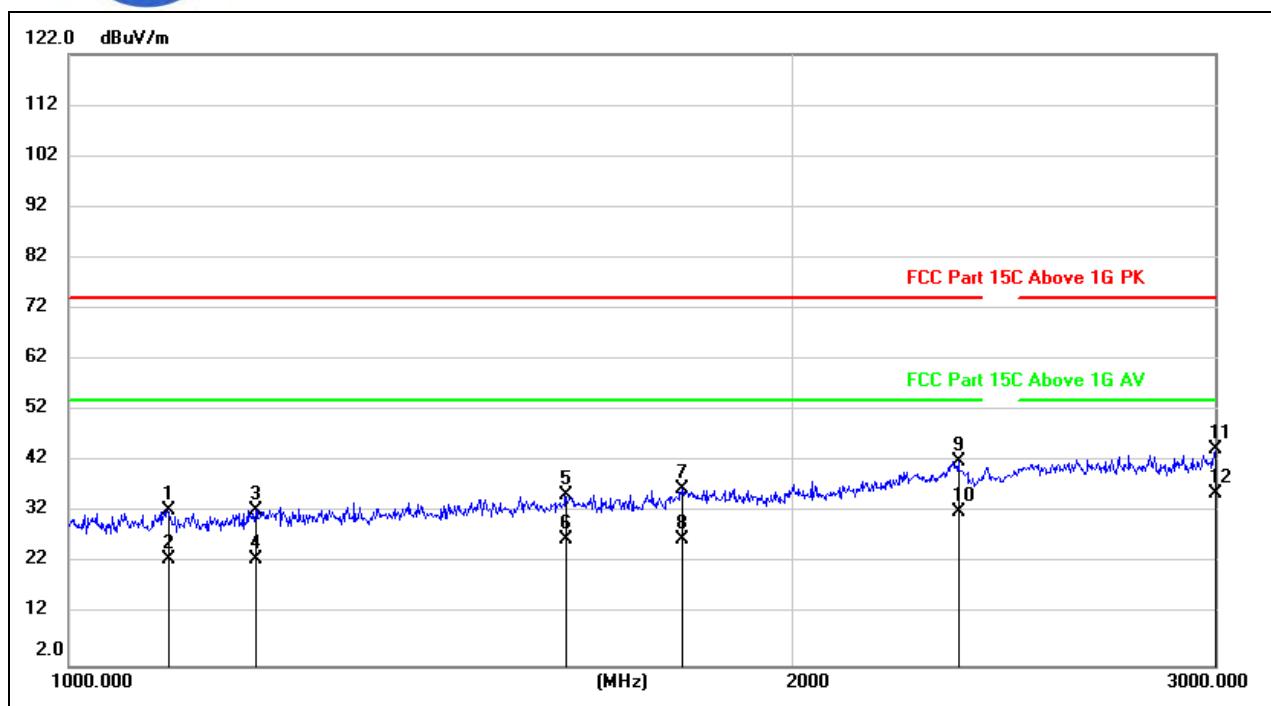


(802.11 n20 _2462MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
36.6375	13.87	13.40	27.27	40.00	-12.73	peak	V
73.8756	18.21	10.06	28.27	40.00	-11.73	peak	V
162.6106	14.96	11.63	26.59	43.50	-16.91	peak	V
419.1081	8.50	20.16	28.66	46.00	-17.34	peak	V
597.2234	8.82	23.54	32.36	46.00	-13.64	peak	V
900.1474	8.56	28.06	36.62	46.00	-9.38	peak	V



REPORT No. : XM19030031W01

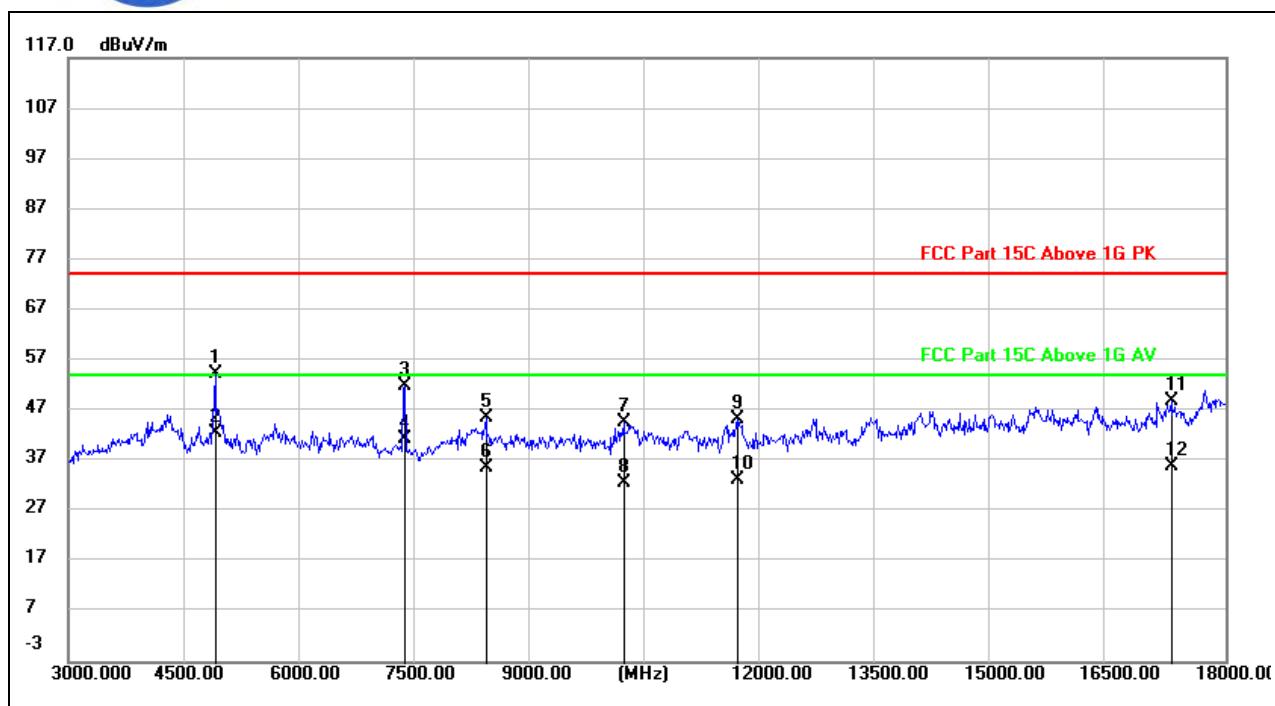


(802.11 n20 _2462MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1099.088	9.52	22.87	32.39	74.00	-41.61	peak	V
1099.088	0.12	22.87	22.99	54.00	-31.01	AVG	V
1196.109	8.60	23.92	32.52	74.00	-41.48	peak	V
1196.109	-1.07	23.92	22.85	54.00	-31.15	AVG	V
1609.139	9.43	26.13	35.56	74.00	-38.44	peak	V
1609.139	0.77	26.13	26.90	54.00	-27.10	AVG	V
1799.947	8.51	28.20	36.71	74.00	-37.29	peak	V
1799.947	-1.60	28.20	26.60	54.00	-27.40	AVG	V
2345.558	12.09	30.00	42.09	74.00	-31.91	peak	V
2345.558	2.18	30.00	32.18	54.00	-21.82	AVG	V
3000.000	10.17	34.20	44.37	74.00	-29.63	peak	V
3000.000	1.61	34.20	35.81	54.00	-18.19	AVG	V



REPORT No. : XM19030031W01

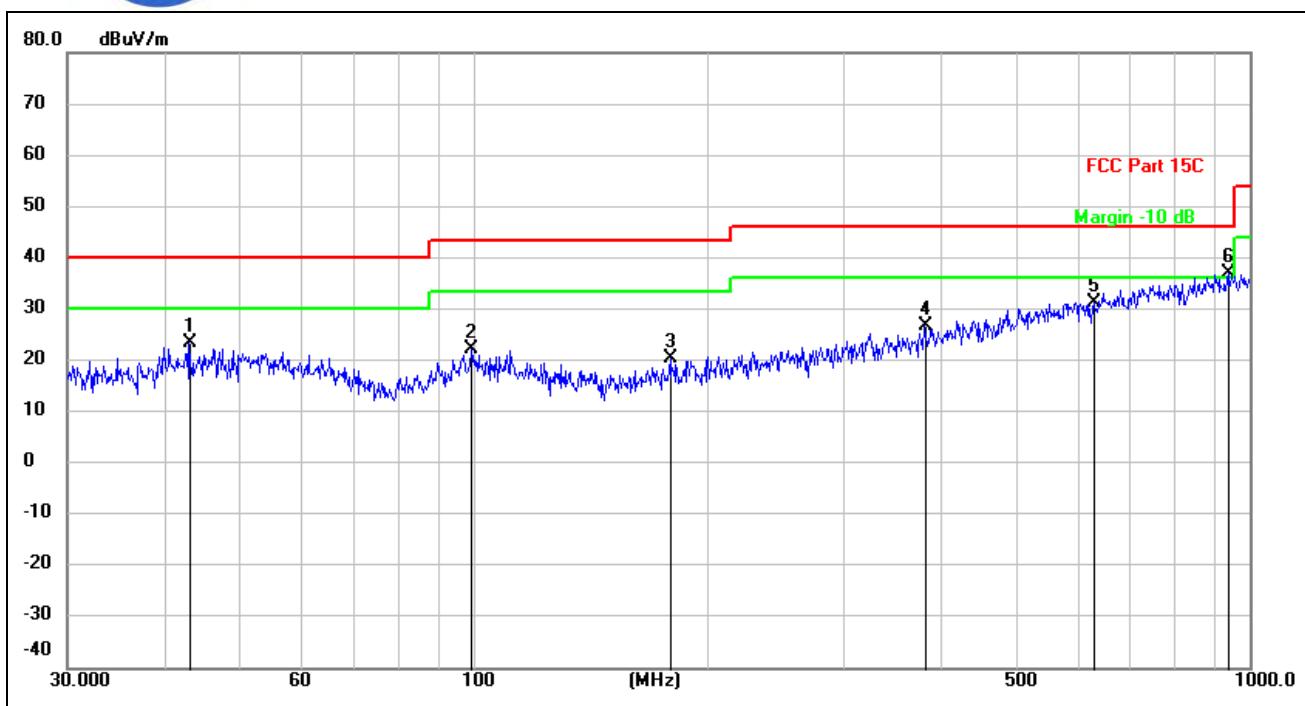


(802.11n20 _2462MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4905.000	56.87	-2.69	54.18	74.00	-19.82	peak	V
4905.000	45.12	-2.69	42.43	54.00	-11.57	Avg	V
7365.000	16.27	35.71	51.98	74.00	-22.02	peak	V
7365.000	5.79	35.71	41.50	54.00	-12.50	Avg	V
8415.000	9.03	36.67	45.70	74.00	-28.30	peak	V
8415.000	-1.08	36.67	35.59	54.00	-18.41	Avg	V
10200.000	7.33	37.32	44.65	74.00	-29.35	peak	V
10200.000	-4.60	37.32	32.72	54.00	-21.28	Avg	V
11685.000	7.59	37.73	45.32	74.00	-28.68	peak	V
11685.000	-4.45	37.73	33.28	54.00	-20.72	Avg	V
17295.000	5.85	43.04	48.89	74.00	-25.11	peak	V
17295.000	-7.01	43.04	36.03	54.00	-17.97	Avg	V



REPORT No. : XM19030031W01

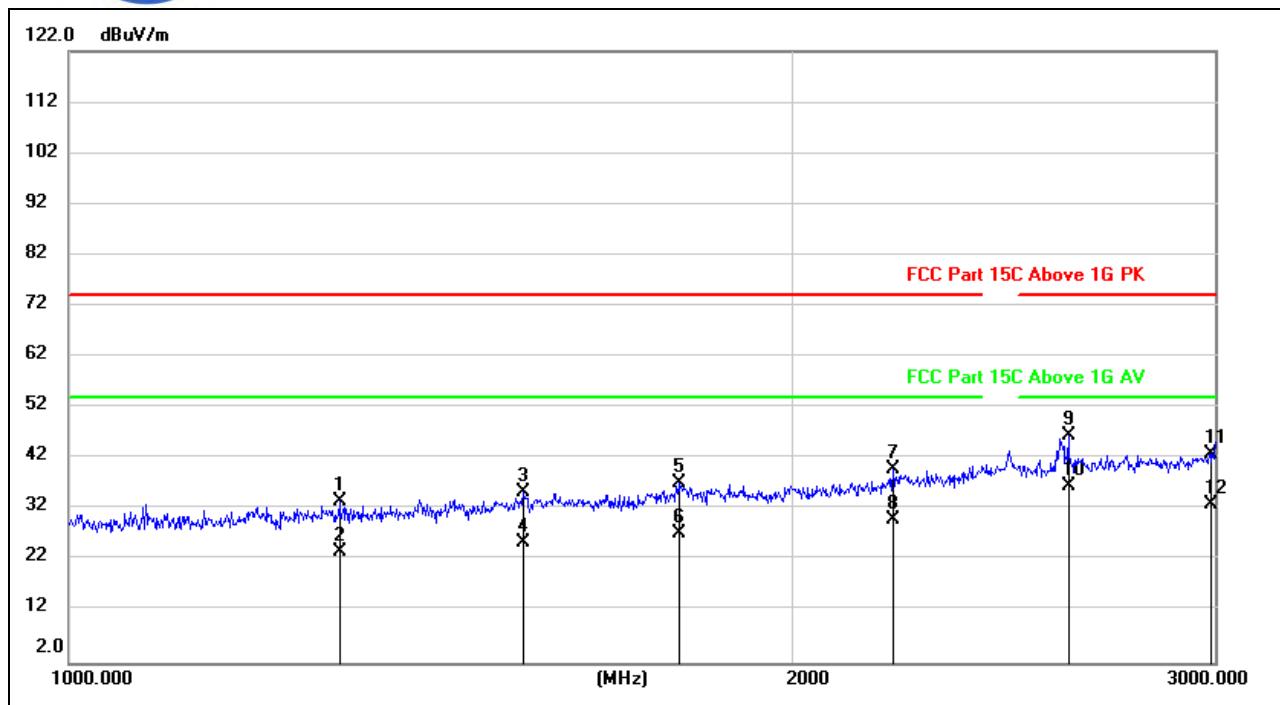


(802.11 n40 _2422MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dB _{uV})	Factor (dB/m)	Level (dB _{uV/m})	Limit (dB _{uV/m})	Margin (dB)	Det.	Pol
43.0505	8.16	15.24	23.40	40.00	-16.60	peak	H
99.5281	7.54	14.81	22.35	43.50	-21.15	peak	H
179.3864	7.94	12.63	20.57	43.50	-22.93	peak	H
381.2487	7.74	19.06	26.80	46.00	-19.20	peak	H
629.4772	7.35	23.95	31.30	46.00	-14.70	peak	H
938.8326	8.74	28.34	37.08	46.00	-8.92	peak	H



REPORT No. : XM19030031W01

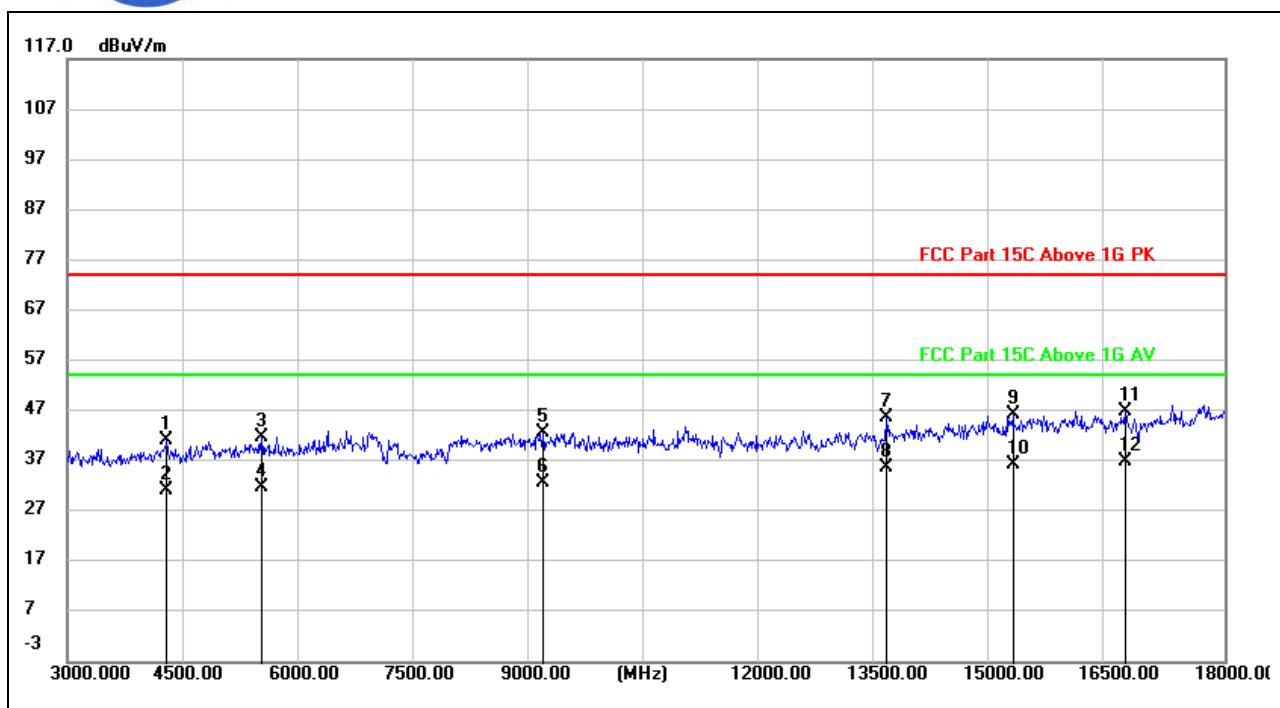


(802.11 n40 _2422MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1295.987	9.66	23.95	33.61	74.00	-40.39	peak	H
1295.987	-0.34	23.95	23.61	54.00	-30.39	AVG	H
1546.739	9.80	25.61	35.41	74.00	-38.59	peak	H
1546.739	-0.20	25.61	25.41	54.00	-28.59	AVG	H
1794.025	9.61	27.74	37.35	74.00	-36.65	peak	H
1794.025	-0.39	27.74	27.35	54.00	-26.65	AVG	H
2203.181	11.01	29.05	40.06	74.00	-33.94	peak	H
2203.181	1.01	29.05	30.06	54.00	-23.94	AVG	H
2606.452	13.88	32.64	46.52	74.00	-27.48	peak	H
2606.452	3.88	32.64	36.52	54.00	-17.48	AVG	H
2983.566	10.50	32.46	42.96	74.00	-31.04	peak	H
2983.566	0.50	32.46	32.96	54.00	-21.04	AVG	H



REPORT No. : XM19030031W01

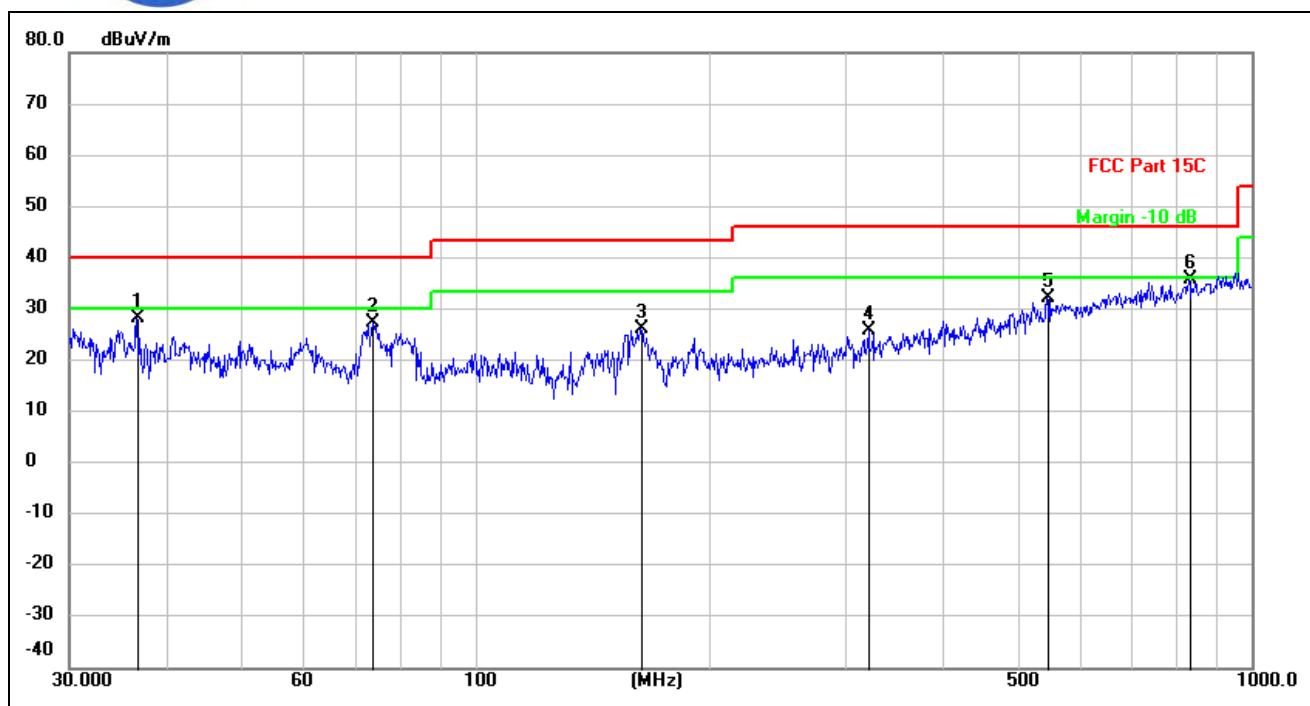


(802.11 n40 _2422MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4290.000	44.54	-3.37	41.17	74.00	-32.83	peak	H
4290.000	33.99	-3.37	30.62	54.00	-23.38	AVG	H
5520.000	44.67	-2.88	41.79	74.00	-32.21	peak	H
5520.000	33.72	-2.88	30.84	54.00	-23.16	AVG	H
9165.000	41.17	1.48	42.65	74.00	-31.35	peak	H
9165.000	30.35	1.48	31.83	54.00	-22.17	AVG	H
13620.000	39.01	6.73	45.74	74.00	-28.26	peak	H
13620.000	28.69	6.73	35.42	54.00	-18.58	AVG	H
15255.000	36.45	9.91	46.36	74.00	-27.64	peak	H
15255.000	25.52	9.91	35.43	54.00	-18.57	AVG	H
16710.000	35.16	11.78	46.94	74.00	-27.06	peak	H
16710.000	23.98	11.78	35.76	54.00	-18.24	AVG	H



REPORT No. : XM19030031W01

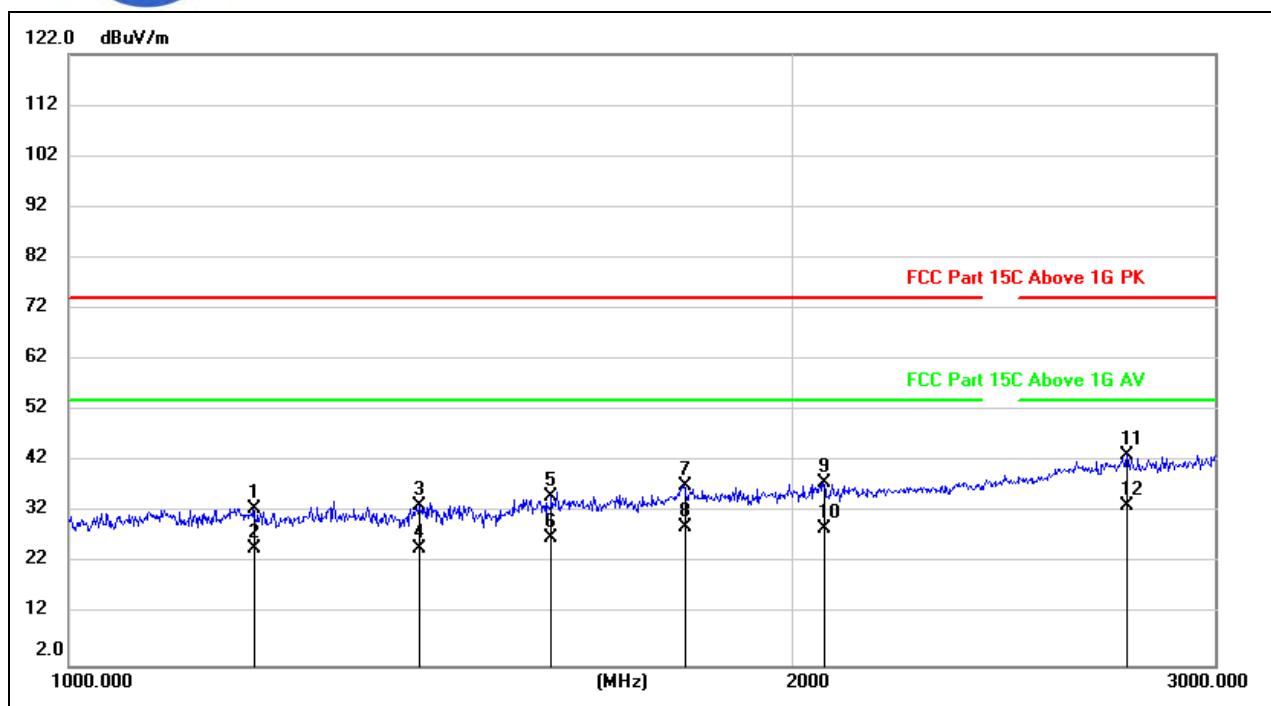


(802.11 n40 _2422MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
36.6375	14.93	13.40	28.33	40.00	-11.67	peak	V
73.8756	17.44	10.06	27.50	40.00	-12.50	peak	V
163.1818	14.84	11.47	26.31	43.50	-17.19	peak	V
321.0608	7.89	17.88	25.77	46.00	-20.23	peak	V
545.1826	9.71	22.47	32.18	46.00	-13.82	peak	V
830.4002	9.29	26.51	35.80	46.00	-10.20	peak	V



REPORT No. : XM19030031W01

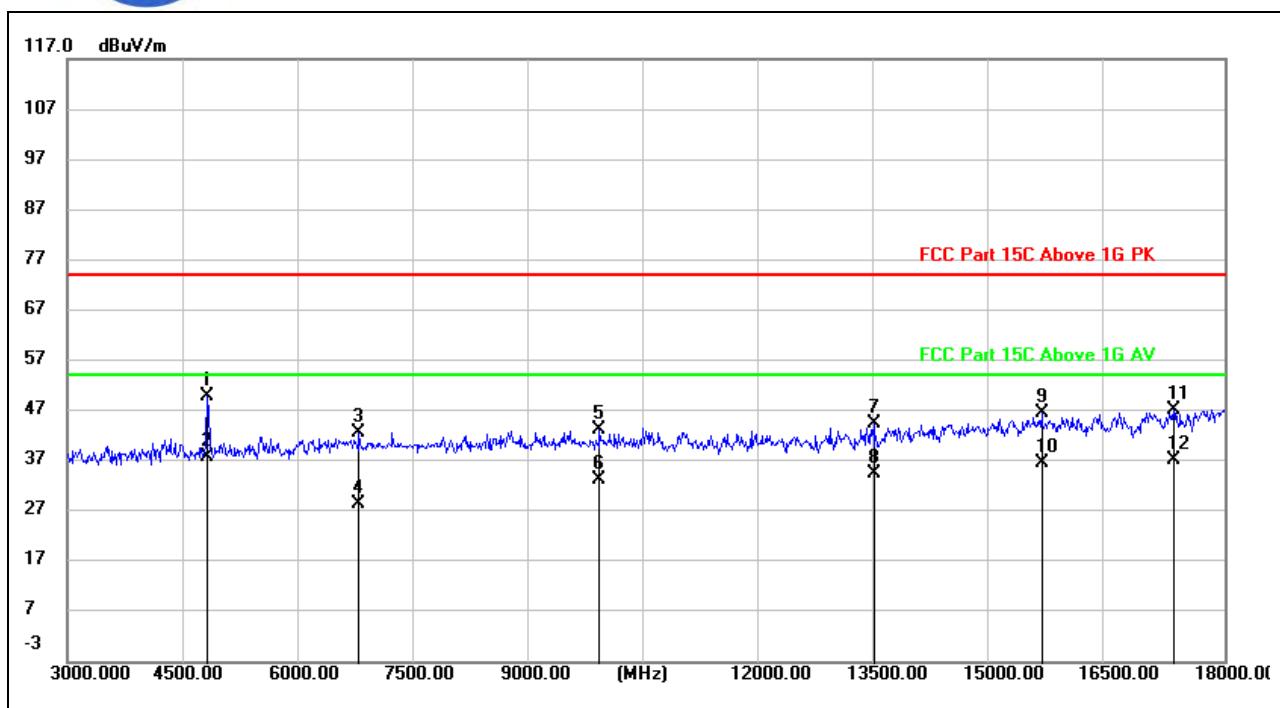


(802.11 n40 _2422MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1193.484	9.07	23.73	32.80	74.00	-41.20	peak	V
1193.484	1.13	23.73	24.86	54.00	-29.14	AVG	V
1399.584	8.60	24.88	33.48	74.00	-40.52	peak	V
1399.584	0.10	24.88	24.98	54.00	-29.02	AVG	V
1588.064	9.15	26.02	35.17	74.00	-38.83	peak	V
1588.064	1.05	26.02	27.07	54.00	-26.93	AVG	V
1803.907	9.28	27.96	37.24	74.00	-36.76	peak	V
1803.907	1.22	27.96	29.18	54.00	-24.82	AVG	V
2060.373	10.57	27.37	37.94	74.00	-36.06	peak	V
2060.373	1.59	27.37	28.96	54.00	-25.04	AVG	V
2756.658	11.50	31.90	43.40	74.00	-30.60	peak	V
2756.658	1.60	31.90	33.50	54.00	-20.50	AVG	V

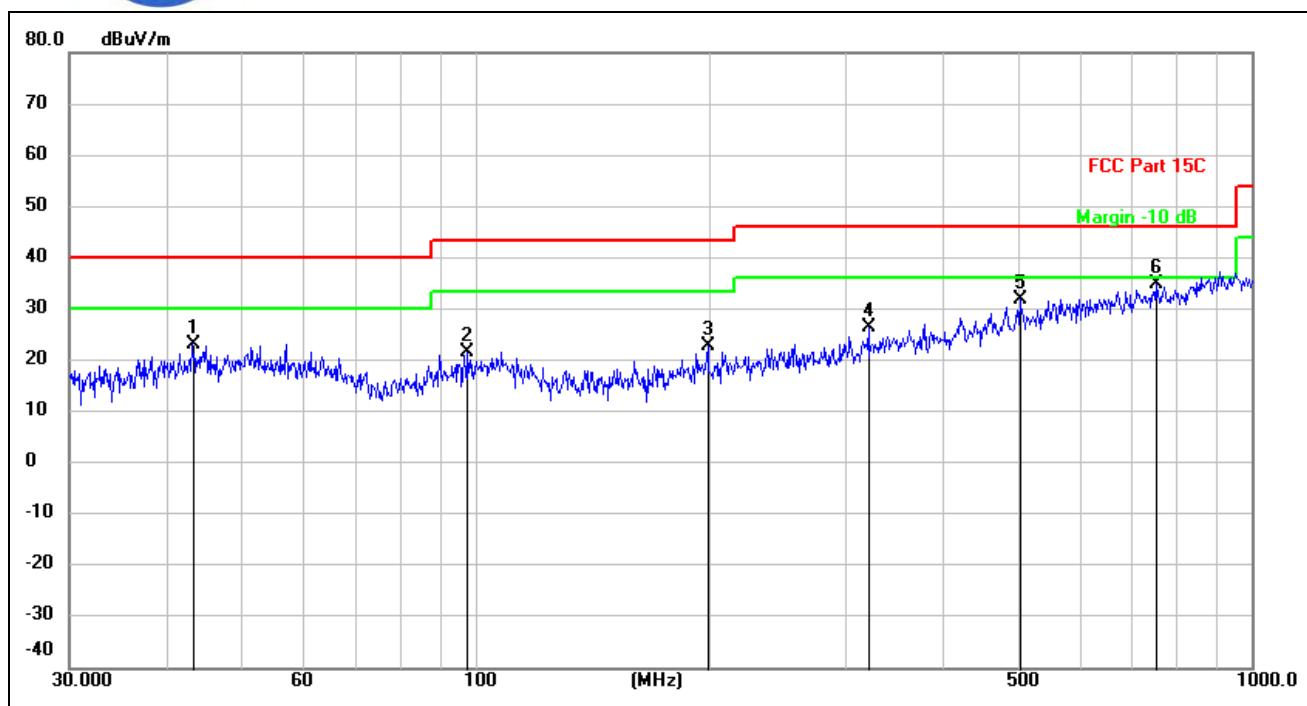


REPORT No. : XM19030031W01



(802.11 n40 _2422MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4815.000	53.18	-3.28	49.90	74.00	-24.10	peak	V
4815.000	41.45	-3.28	38.17	54.00	-15.83	AVG	V
6780.000	43.7	-1.16	42.54	74.00	-31.46	peak	V
6780.000	29.89	-1.16	28.73	54.00	-25.27	AVG	V
9900.000	40.85	2.43	43.28	74.00	-30.72	peak	V
9900.000	29.12	2.43	31.55	54.00	-22.45	AVG	V
13455.000	38.07	6.52	44.59	74.00	-29.41	peak	V
13455.000	29.21	6.52	35.73	54.00	-18.27	AVG	V
15630.000	36.27	10.25	46.52	74.00	-27.48	peak	V
15630.000	25.64	10.25	35.89	54.00	-18.11	AVG	V
17340.000	34.06	13.25	47.31	74.00	-26.69	peak	V
17340.000	23.23	13.25	36.48	54.00	-17.52	AVG	V

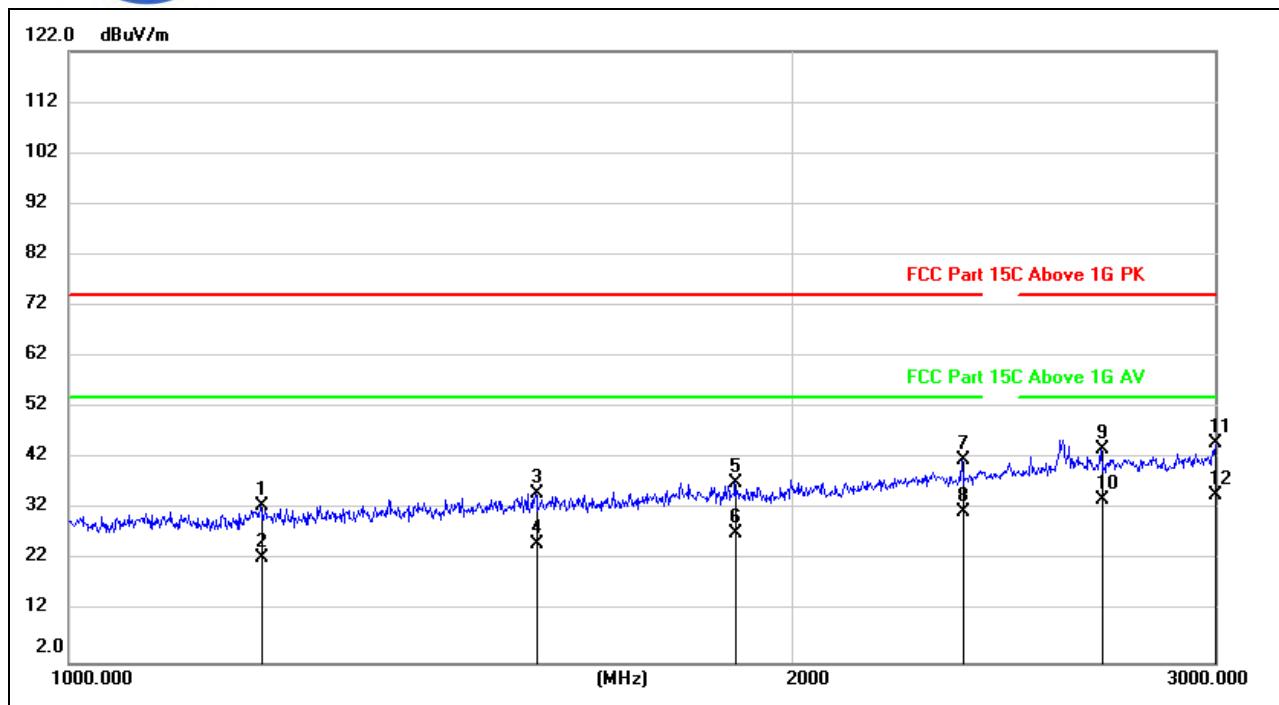


(802.11 n40 _2437MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dB _{uV})	Factor (dB/m)	Level (dB _{uV/m})	Limit (dB _{uV/m})	Margin (dB)	Det.	Pol
43.2017	7.83	15.25	23.08	40.00	-16.92	peak	H
97.7983	8.16	13.51	21.67	43.50	-21.83	peak	H
199.2855	8.57	14.25	22.82	43.50	-20.68	peak	H
321.0608	8.49	17.88	26.37	46.00	-19.63	peak	H
502.9395	10.05	22.00	32.05	46.00	-13.95	peak	H
752.7432	8.81	26.06	34.87	46.00	-11.13	peak	H



REPORT No. : XM19030031W01

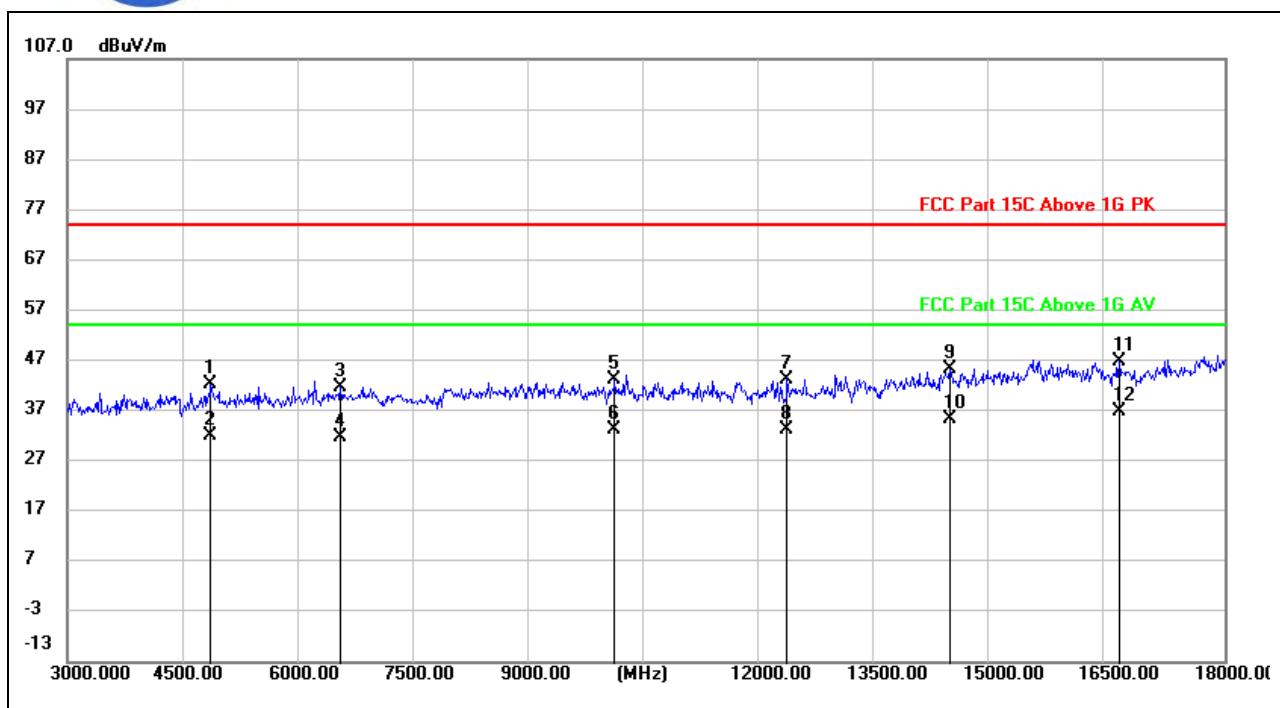


(802.11 n40 _2437MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1201.377	8.55	24.13	32.68	74.00	-41.32	peak	H
1201.377	-1.68	24.13	22.45	54.00	-31.55	AVG	H
1563.826	9.51	25.69	35.20	74.00	-38.80	peak	H
1563.826	-0.45	25.69	25.24	54.00	-28.76	AVG	H
1893.248	10.08	27.25	37.33	74.00	-36.67	peak	H
1893.248	0.02	27.25	27.27	54.00	-26.73	AVG	H
2353.301	11.57	30.05	41.62	74.00	-32.38	peak	H
2353.301	0.34	30.05	30.39	54.00	-23.61	AVG	H
2690.830	11.82	32.09	43.91	74.00	-30.09	peak	H
2690.830	0.79	32.09	32.88	54.00	-21.12	AVG	H
3000.000	10.80	34.20	45.00	74.00	-29.00	peak	H
3000.000	0.28	34.20	34.48	54.00	-19.52	AVG	H



REPORT No. : XM19030031W01

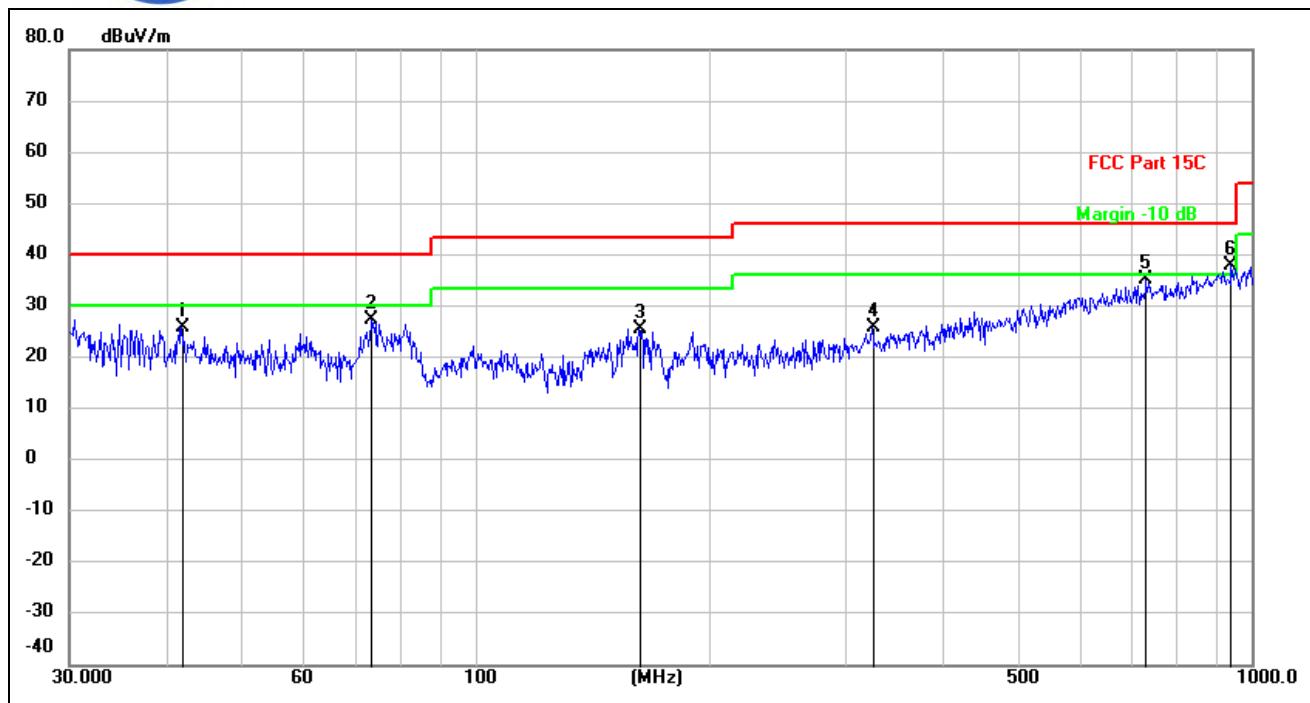


(802.11 n40 _2437MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4860.000	45.17	-2.95	42.22	74.00	-31.78	peak	H
4860.000	34.95	-2.95	32.00	54.00	-22.00	AVG	H
6540.000	43.03	-1.28	41.75	74.00	-32.25	peak	H
6540.000	32.36	-1.28	31.08	54.00	-22.92	AVG	H
10095.000	40.80	2.34	43.14	74.00	-30.86	peak	H
10095.000	30.05	2.34	32.39	54.00	-21.61	AVG	H
12330.000	38.83	4.38	43.21	74.00	-30.79	peak	H
12330.000	27.68	4.38	32.06	54.00	-21.94	AVG	H
14445.000	36.71	8.73	45.44	74.00	-28.56	peak	H
14445.000	25.93	8.73	34.66	54.00	-19.34	AVG	H
16635.000	35.29	11.48	46.77	74.00	-27.23	peak	H
16635.000	24.62	11.48	36.10	54.00	-17.90	AVG	H



REPORT No. : XM19030031W01

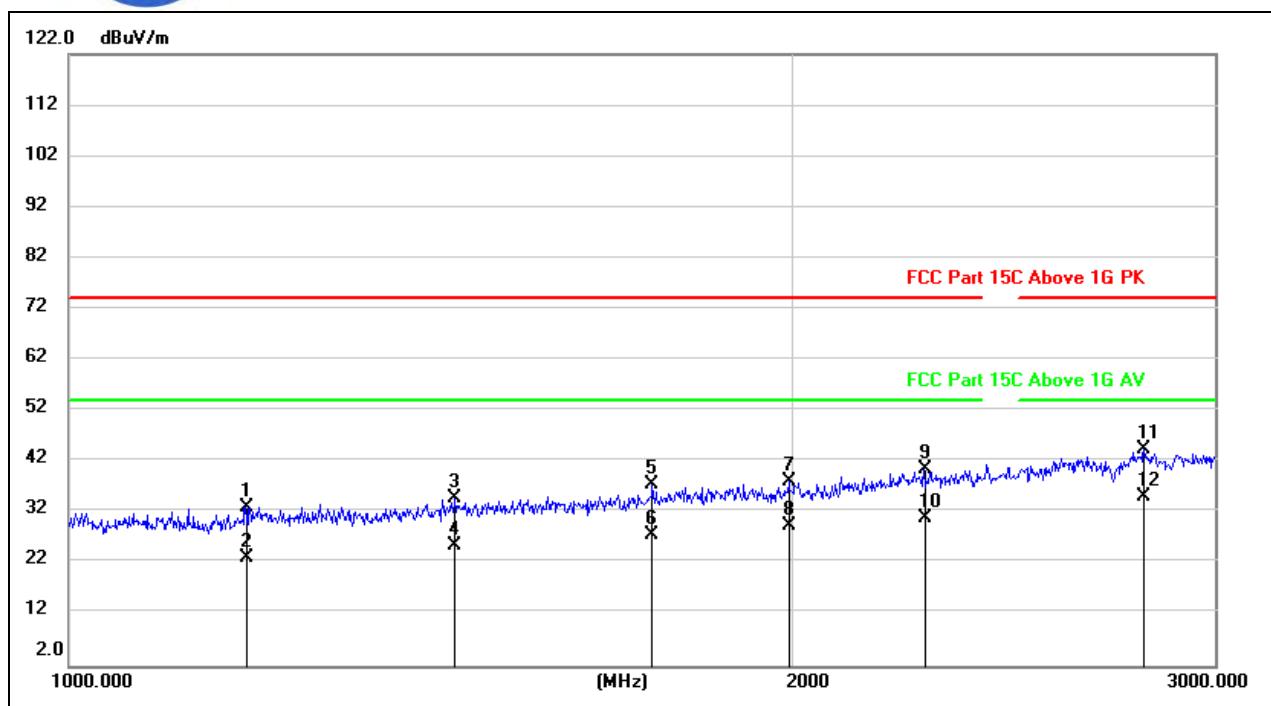


(802.11 n240 _2437MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
41.8596	10.80	15.04	25.84	40.00	-14.16	peak	V
73.6170	17.18	10.13	27.31	40.00	-12.69	peak	V
162.6106	13.87	11.63	25.50	43.50	-18.00	peak	V
324.4561	8.06	17.68	25.74	46.00	-20.26	peak	V
731.9203	9.74	25.53	35.27	46.00	-10.73	peak	V
942.1305	9.69	28.40	38.09	46.00	-7.91	peak	V



REPORT No. : XM19030031W01

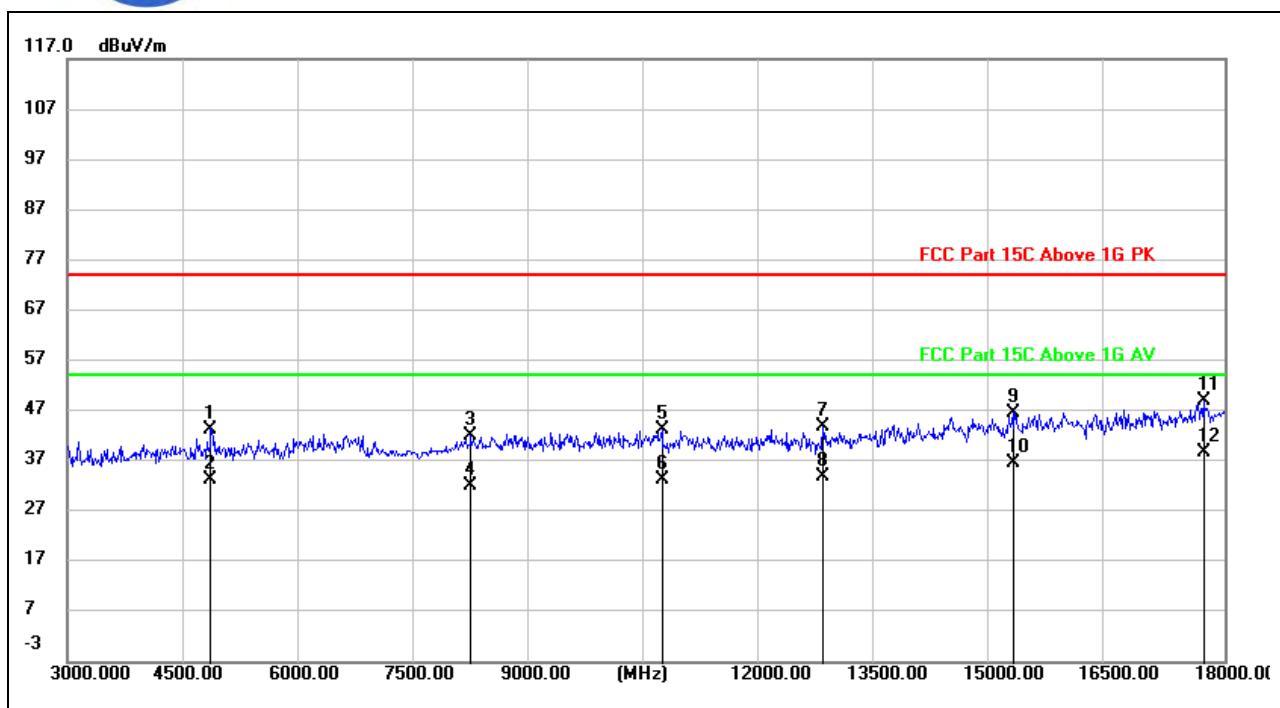


(802.11 n40 _2437MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1184.341	9.90	23.08	32.98	74.00	-41.02	peak	V
1184.341	0.22	23.08	23.30	54.00	-30.70	AVG	V
1448.071	10.42	24.43	34.85	74.00	-39.15	peak	V
1448.071	1.05	24.43	25.48	54.00	-28.52	AVG	V
1749.261	11.21	26.29	37.50	74.00	-36.50	peak	V
1749.261	1.42	26.29	27.71	54.00	-26.29	AVG	V
1993.573	10.43	27.82	38.25	74.00	-35.75	peak	V
1993.573	1.61	27.82	29.43	54.00	-24.57	AVG	V
2269.512	10.92	29.58	40.50	74.00	-33.50	peak	V
2269.512	1.47	29.58	31.05	54.00	-22.95	AVG	V
2802.462	11.04	33.47	44.51	74.00	-29.49	peak	V
2802.462	1.80	33.47	35.27	54.00	-18.73	AVG	V



REPORT No. : XM19030031W01

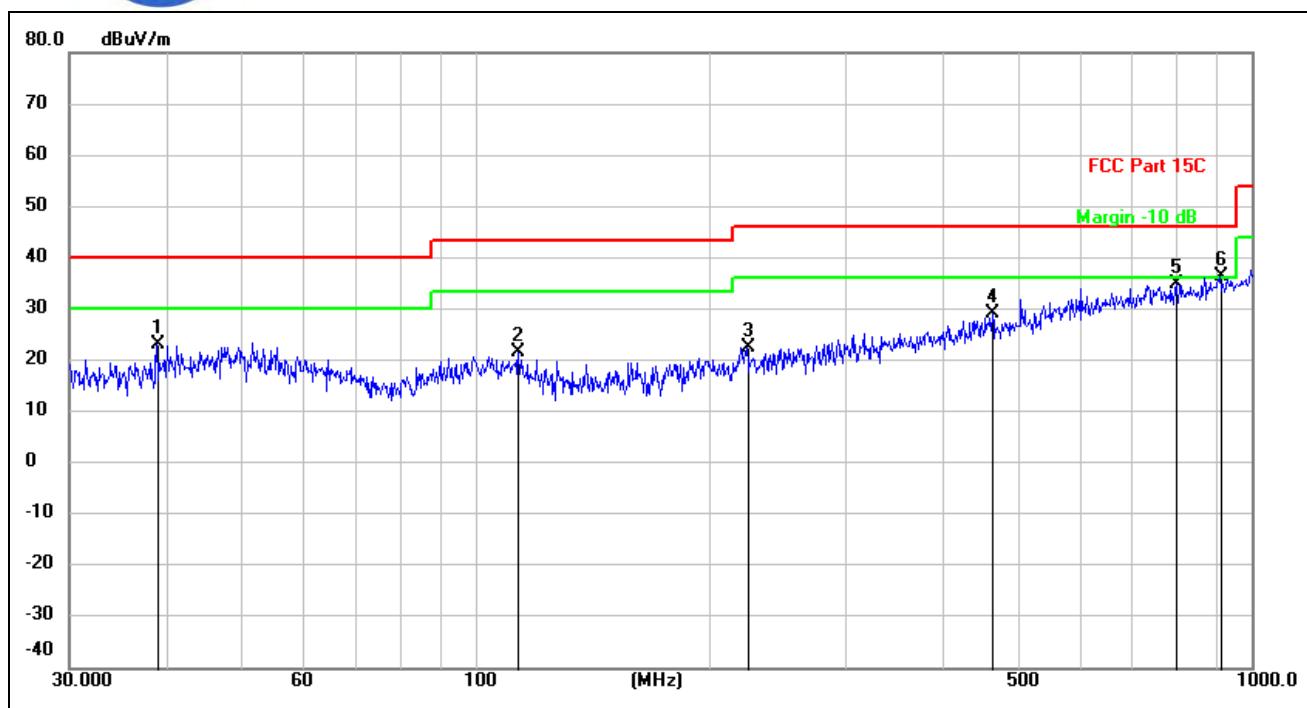


(802.11 n40 _2437MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4860.000	46.38	-2.95	43.43	74.00	-30.57	peak	V
4860.000	35.82	-2.95	32.87	54.00	-21.13	AVG	V
8235.000	40.85	1.22	42.07	74.00	-31.93	peak	V
8235.000	29.61	1.22	30.83	54.00	-23.17	AVG	V
10710.000	40.56	2.68	43.24	74.00	-30.76	peak	V
10710.000	29.38	2.68	32.06	54.00	-21.94	AVG	V
12795.000	39.03	4.95	43.98	74.00	-30.02	peak	V
12795.000	28.49	4.95	33.44	54.00	-20.56	AVG	V
15255.000	36.82	9.91	46.73	74.00	-27.27	peak	V
15255.000	26.15	9.91	36.06	54.00	-17.94	AVG	V
17730.000	33.93	14.93	48.86	74.00	-25.14	peak	V
17730.000	22.86	14.93	37.79	54.00	-16.21	AVG	V



REPORT No. : XM19030031W01

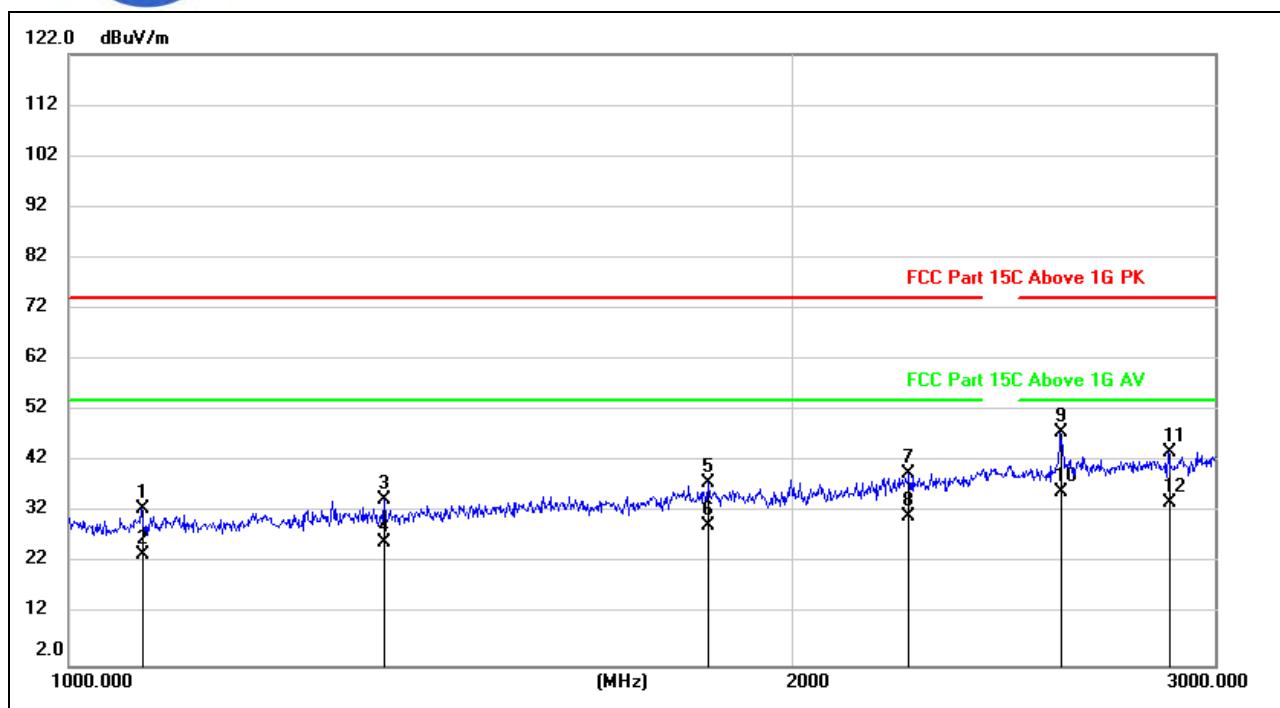


(802.11n40 _2452MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	Reading (dB _{uV})	Factor (dB/m)	Level (dB _{uV/m})	Limit (dB _{uV/m})	Margin (dB)	Det.	Pol
38.8879	8.96	14.17	23.13	40.00	-16.87	peak	H
113.7143	8.06	13.55	21.61	43.50	-21.89	peak	H
223.7334	8.33	14.28	22.61	46.00	-23.39	peak	H
463.9696	8.66	20.53	29.19	46.00	-16.81	peak	H
801.7863	8.67	26.12	34.79	46.00	-11.21	peak	H
909.6667	8.33	28.04	36.37	46.00	-9.63	peak	H



REPORT No. : XM19030031W01

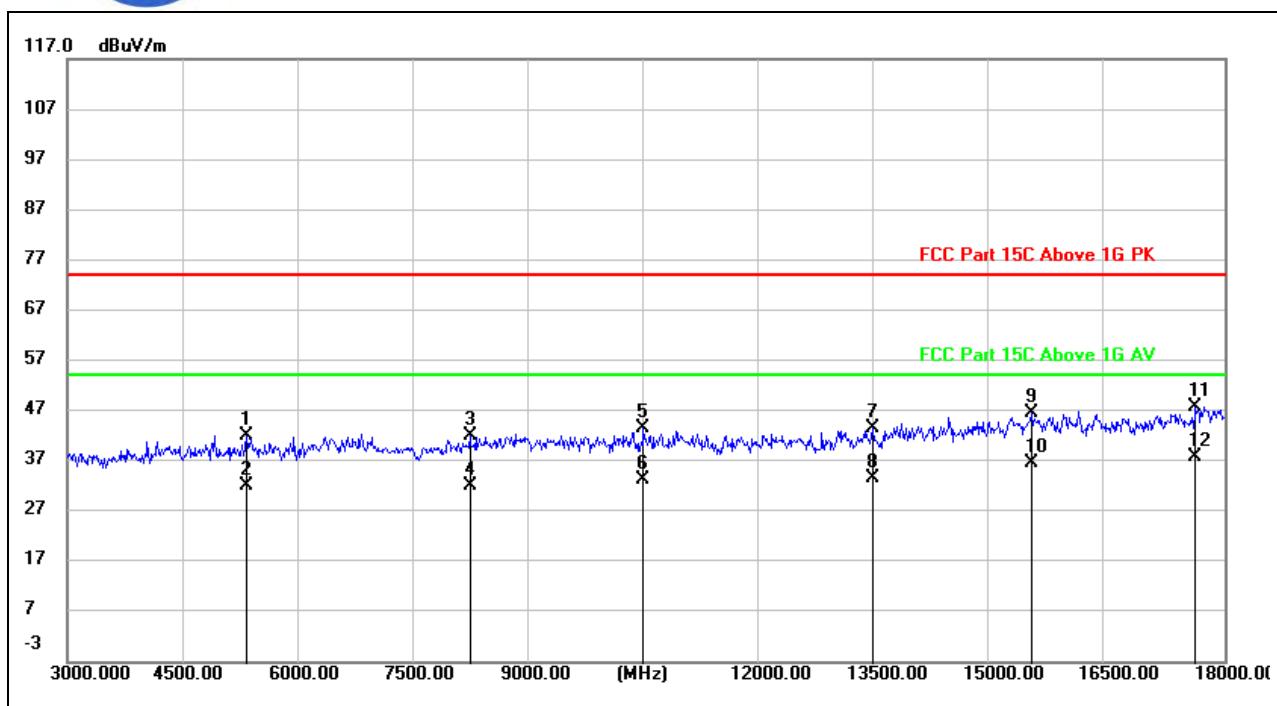


(802.11n40 _2452MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1071.664	9.86	22.76	32.62	74.00	-41.38	peak	H
1071.664	1.01	22.76	23.77	54.00	-30.23	AVG	H
1352.721	10.54	23.90	34.44	74.00	-39.56	peak	H
1352.721	2.36	23.90	26.26	54.00	-27.74	AVG	H
1846.008	10.57	27.19	37.76	74.00	-36.24	peak	H
1846.008	2.39	27.19	29.58	54.00	-24.42	AVG	H
2237.329	10.31	29.34	39.65	74.00	-34.35	peak	H
2237.329	1.89	29.34	31.23	54.00	-22.77	AVG	H
2586.485	15.67	32.09	47.76	74.00	-26.24	peak	H
2586.485	3.87	32.09	35.96	54.00	-18.04	AVG	H
2867.869	12.05	31.89	43.94	74.00	-30.06	peak	H
2867.869	2.08	31.89	33.97	54.00	-20.03	AVG	H



REPORT No. : XM19030031W01

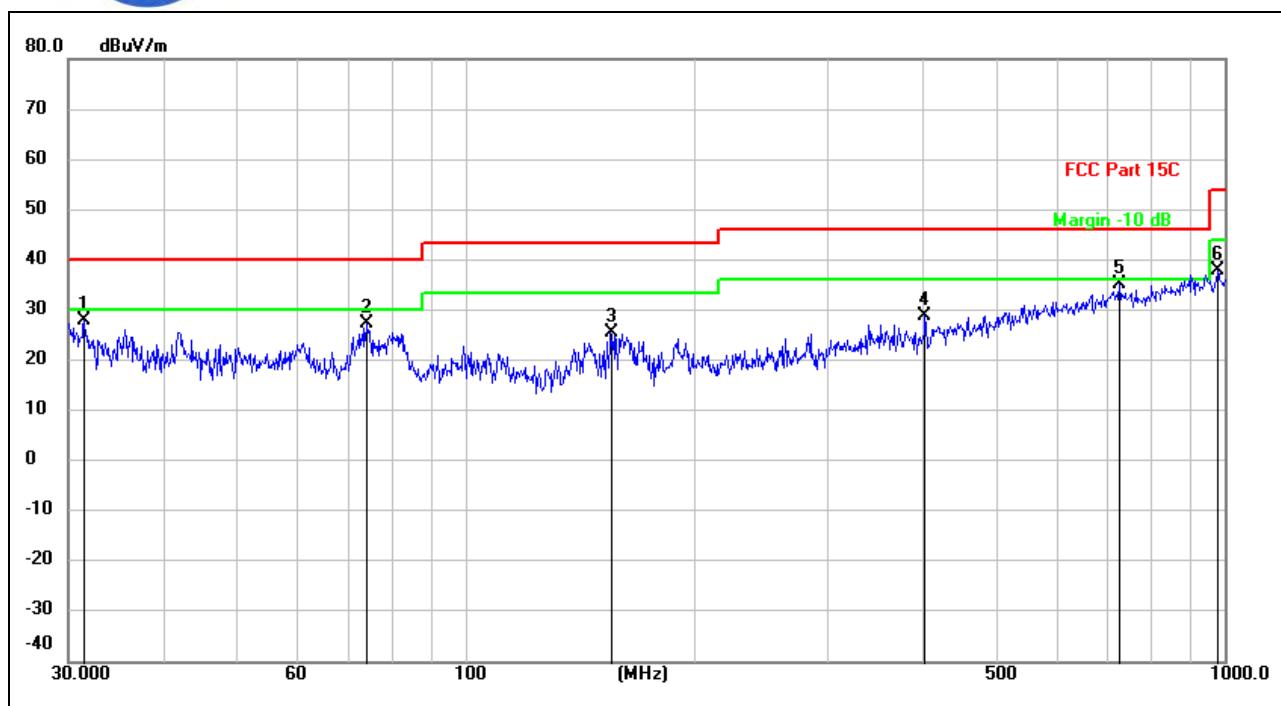


(802.11n40 _2452MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
5325.000	44.85	-2.79	42.06	74.00	-31.94	peak	H
5325.000	33.91	-2.79	31.12	54.00	-22.88	AVG	H
8220.000	41.16	1.06	42.22	74.00	-31.78	peak	H
8220.000	30.58	1.06	31.64	54.00	-22.36	AVG	H
10470.000	40.75	2.73	43.48	74.00	-30.52	peak	H
10470.000	29.32	2.73	32.05	54.00	-21.95	AVG	H
13440.000	37.20	6.41	43.61	74.00	-30.39	peak	H
13440.000	26.79	6.41	33.20	54.00	-20.80	AVG	H
15495.000	35.42	11.22	46.64	74.00	-27.36	peak	H
15495.000	24.60	11.22	35.82	54.00	-18.18	AVG	H
17625.000	34.56	13.39	47.95	74.00	-26.05	peak	H
17625.000	23.28	13.39	36.67	54.00	-17.33	AVG	H



REPORT No. : XM19030031W01

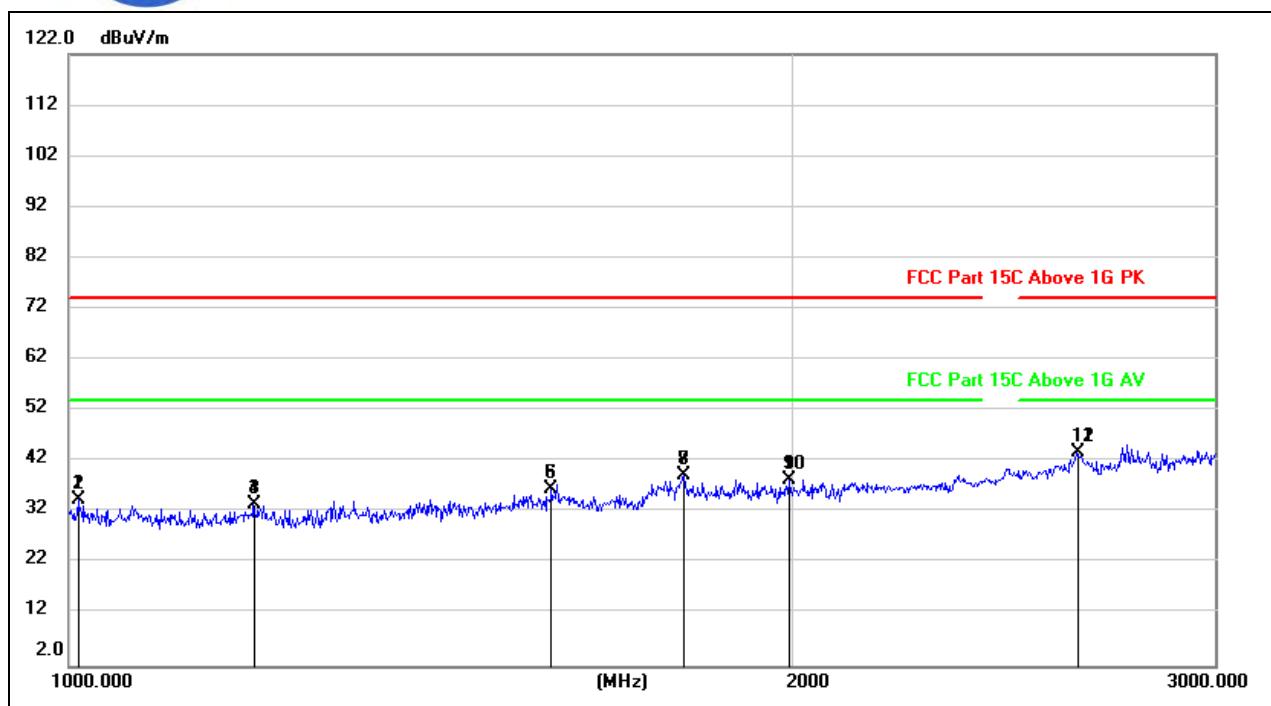


(802.11n40 _2452MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
31.5095	16.05	12.07	28.12	40.00	-11.88	peak	V
74.1351	17.46	9.99	27.45	40.00	-12.55	peak	V
155.3644	14.73	10.73	25.46	43.50	-18.04	peak	V
403.2500	9.37	19.43	28.80	46.00	-17.20	peak	V
726.8052	10.04	25.19	35.23	46.00	-10.77	peak	V
979.1804	9.18	28.70	37.88	54.00	-16.12	peak	V



REPORT No. : XM19030031W01

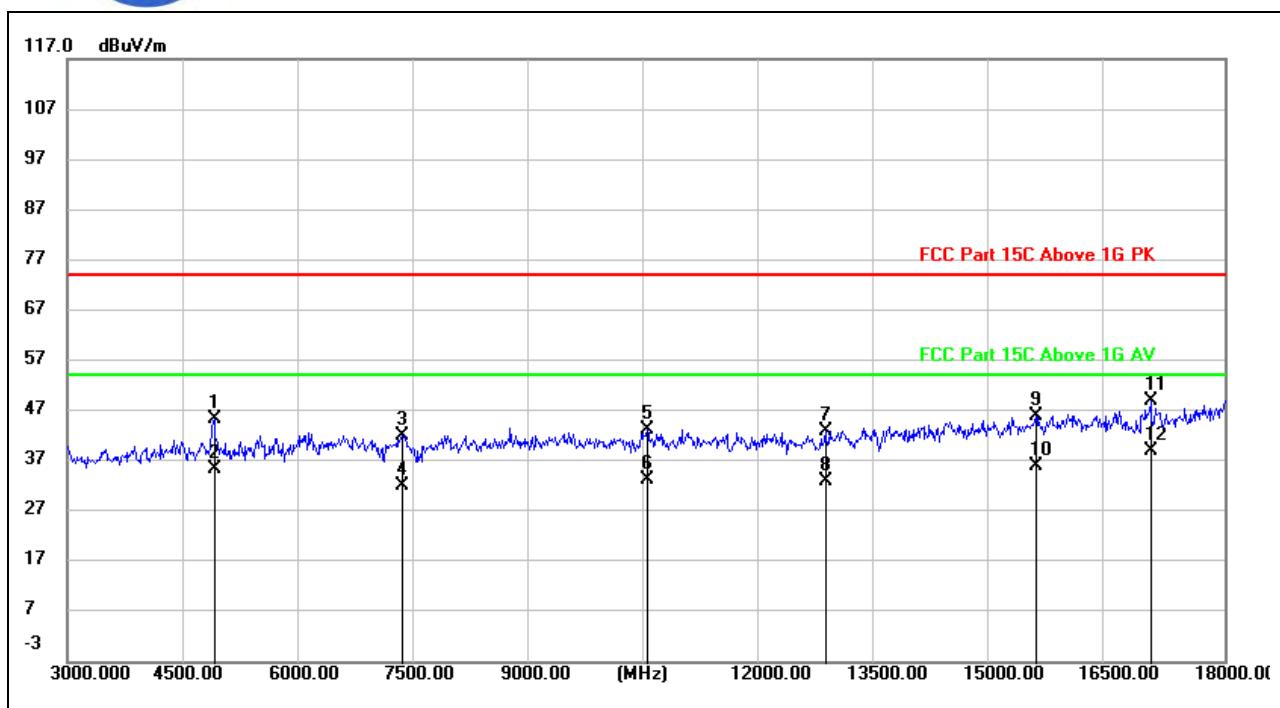


(802.11n40 _2452MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
1008.827	12.16	22.39	34.55	74.00	-39.45	peak	V
1008.827	1.96	22.39	24.35	54.00	-29.65	AVG	V
1193.484	10.07	23.73	33.80	74.00	-40.20	peak	V
1193.484	0.85	23.73	24.58	54.00	-29.42	AVG	V
1588.064	10.65	26.02	36.67	74.00	-37.33	peak	V
1588.064	1.03	26.02	27.05	54.00	-26.95	AVG	V
1801.926	11.32	28.08	39.40	74.00	-34.60	peak	V
1801.926	1.56	28.08	29.64	54.00	-24.36	AVG	V
1993.573	10.61	27.82	38.43	74.00	-35.57	peak	V
1993.573	1.04	27.82	28.86	54.00	-25.14	AVG	V
2626.574	12.00	31.93	43.93	74.00	-30.07	peak	V
2626.574	1.97	31.93	33.90	54.00	-20.10	AVG	V



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(802.11n40 _2452MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Pol
4905.000	48.12	-2.69	45.43	74.00	-28.57	peak	V
4905.000	37.65	-2.69	34.96	54.00	-19.04	AVG	V
7350.000	42.39	-0.21	42.18	74.00	-31.82	peak	V
7350.000	31.27	-0.21	31.06	54.00	-22.94	AVG	V
10515.000	40.04	3.28	43.32	74.00	-30.68	peak	V
10515.000	29.68	3.28	32.96	54.00	-21.04	AVG	V
12825.000	38.22	4.89	43.11	74.00	-30.89	peak	V
12825.000	27.50	4.89	32.39	54.00	-21.61	AVG	V
15555.000	35.46	10.54	46.00	74.00	-28.00	peak	V
15555.000	24.12	10.54	34.66	54.00	-19.34	AVG	V
17040.000	36.15	12.91	49.06	74.00	-24.94	peak	V
17040.000	24.89	12.91	37.80	54.00	-16.20	AVG	V



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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

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



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4.2 Auxiliary Test Equipment

No.	Equipment Name	Serial No.	Model No.	Manufacturer	Cal.Date	Cal. Due Date
1	Laptop	N/A	ThinkPad T470	Lenovo Group	N/A	N/A

4.3 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

No.	Equipment Name	Serial No.	Model No.	Manufacturer	Cal. Date	Cal.Due Date
1	Anechoic Chamber	N/A	9m*6m*6m	ETS-Lindgren	2018.11.27	2019.11.26
2	Signal Analyzer	101294	FSV40	R&S	2019.01.04	2020.01.03
3	Active Ring Antenna	FMZB 1513 #269	FMZB 1513	Schwarzbeck	2019.01.02	2020.01.01
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	RF Switch and	N/A	RSC	CDSI	2019.01.0	2020.01.03



	Control Platform				4	
8	Coaxial cable (N male) (9kHz -3GHz)	EMC02	N/A	Morlab	2019.01.0 4	2020.01.03
9	Coaxial cable (N male) (9kHz -3GHz)	EMC03	N/A	Morlab	2019.01.0 4	2020.01.03
10	Coaxial cable (N male) (1GHz-26.5GHz)	EMC04	N/A	Morlab	2019.01.0 4	2020.01.03
11	Coaxial cable (N male) (1GHz-26.5GHz)	EMC05	N/A	Morlab	2019.01.0 4	2020.01.03
12	Pre-amplifier (1GHz-18GHz)	8810011	PAP-1G18	CDSI	2019.01.1 9	2020.01.18
13	Pre-amplifier (18GHz-40GHz)	17021-1702 4	PAP-1840	CDSI	2019.01.1 9	2020.01.18
14	Band stop Filter	EMC11	BJF2400/24 85-60	CDSI	2019.01.1 9	2020.01.18
15	High Pass Filter	EMC12	HFP-3.0/18 G-60	CDSI	2019.01.1 9	2020.01.18

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