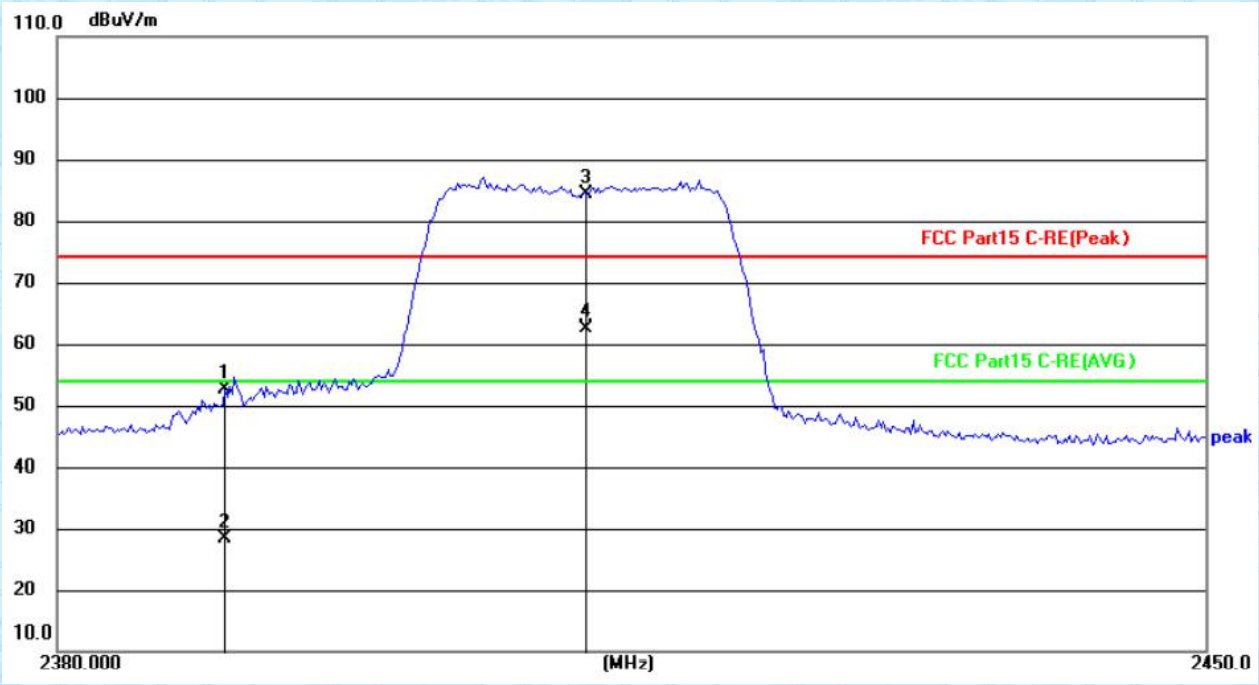
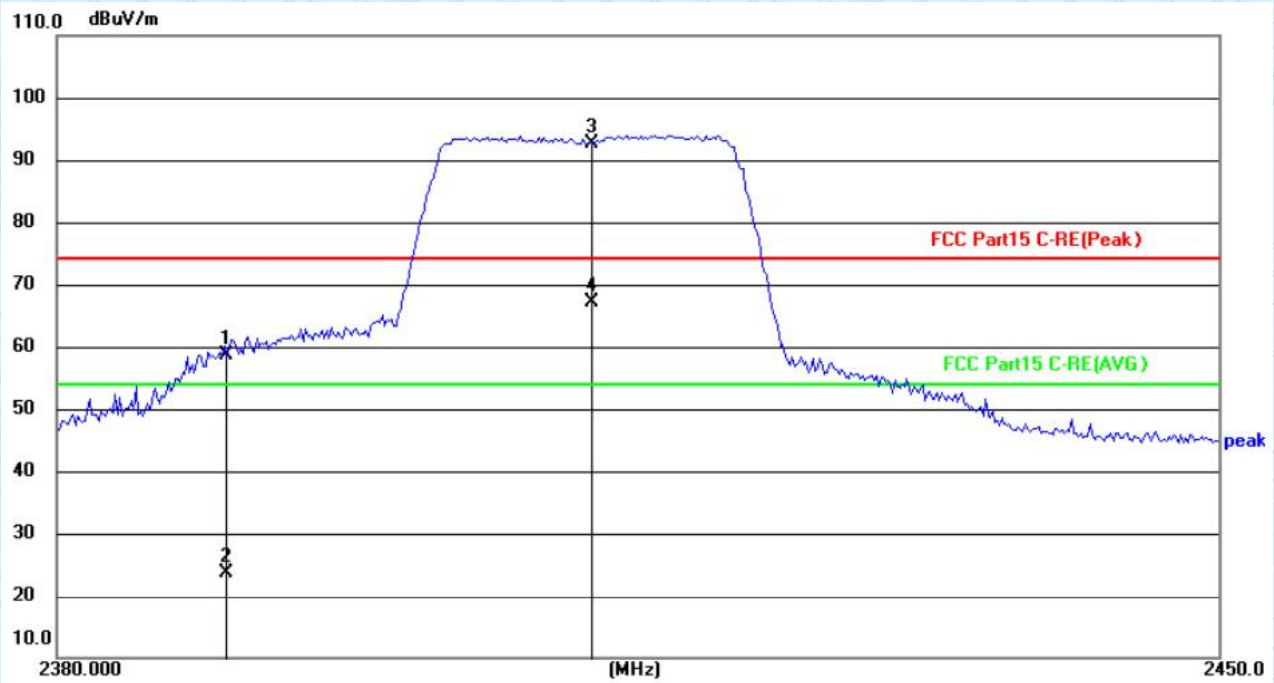
Test mode:	802.11n(HT20) 2412MHz	Test channel:	Lowest

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2390.000	26.19	26.32	52.51	74.00	-21.49	peak
2	2390.000	2.05	26.32	28.37	54.00	-25.63	AVG
3	2412.000	58.13	26.36	84.49	74.00	10.49	peak
4	2412.000	36.30	26.36	62.66	54.00	8.66	AVG

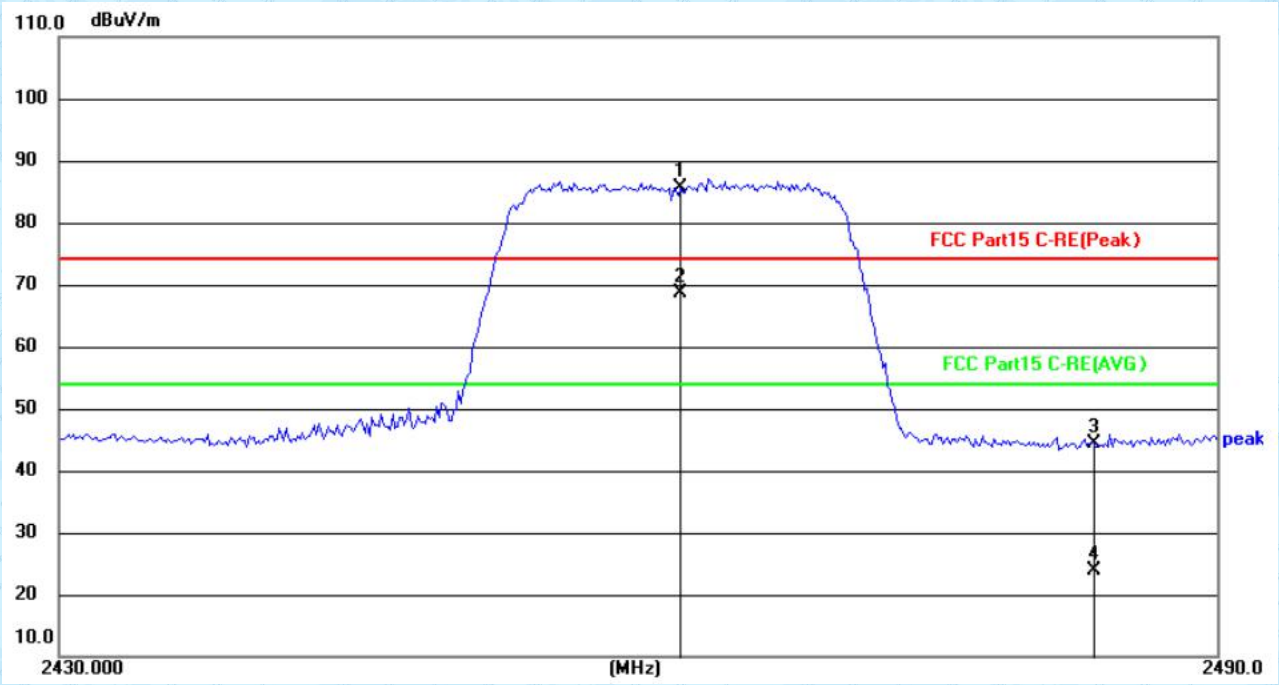
Vertical



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2390.000	32.36	26.32	58.68	74.00	-15.32	peak
2	2390.000	-2.65	26.32	23.67	54.00	-30.33	AVG
3	2412.000	66.20	26.36	92.56	74.00	18.56	peak
4	2412.000	40.88	26.36	67.24	54.00	13.24	AVG

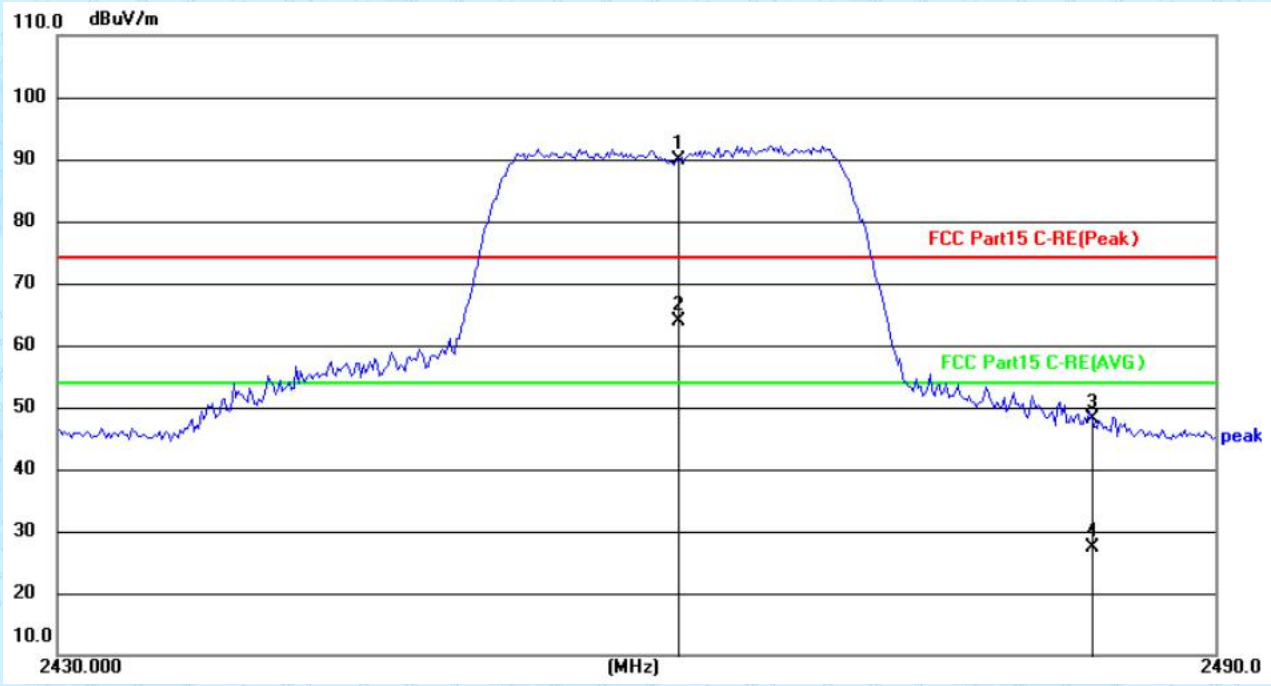
Test mode:	802.11n(HT20 2462MHz	Test channel:	Highest

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2462.000	59.30	26.44	85.74	74.00	11.74	peak
2	2462.000	42.25	26.44	68.69	54.00	14.69	AVG
3	2483.500	17.84	26.47	44.31	74.00	-29.69	peak
4	2483.500	-2.53	26.47	23.94	54.00	-30.06	AVG

Vertical



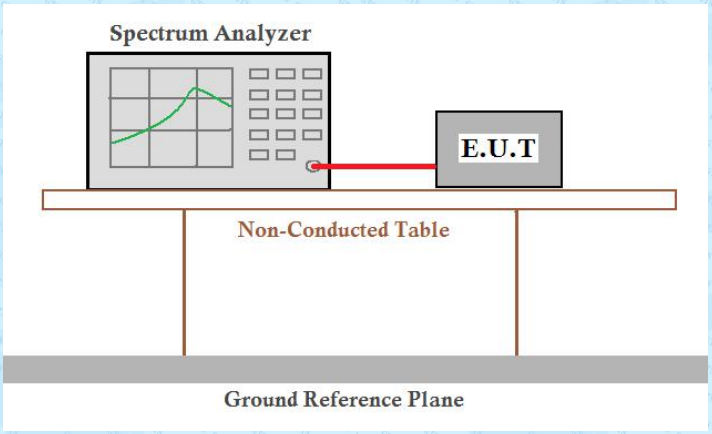
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2462.000	63.35	26.44	89.79	74.00	15.79	peak
2	2462.000	37.32	26.44	63.76	54.00	9.76	AVG
3	2483.500	21.55	26.47	48.02	74.00	-25.98	peak
4	2483.500	0.86	26.47	27.33	54.00	-26.67	AVG

Remarks:

1. *Only the worst case Main Antenna test data.*
2. *The pre-test were performed on lowest, middle and highest frequencies, only the worst case's (lowest and highest frequencies) data was showed.*
3. *Final Level =Receiver Read level + Antenna Factor*
4. *The emission levels of other frequencies are very lower than the limit and not show in test report.*

7.7 Spurious Emission

7.7.1 Conducted Emission Method

Test Requirement:	FCC Part15 C Section 15.247 (d)
Test Method:	KDB558074 D01 15.247 Meas Guidance v05r02
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.
Test setup:	
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

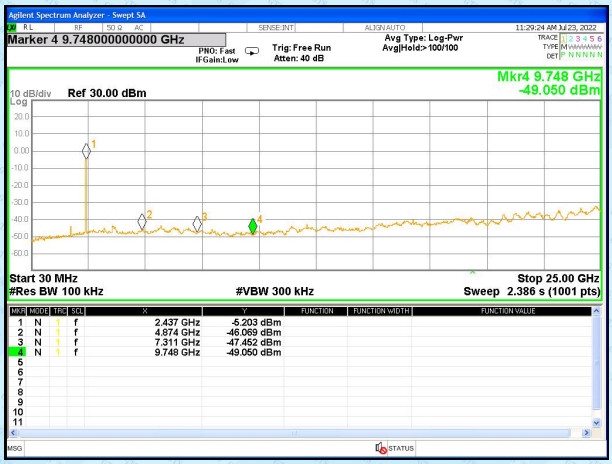
Test plot as follows:

802.11b	802.11g

Lowest channel

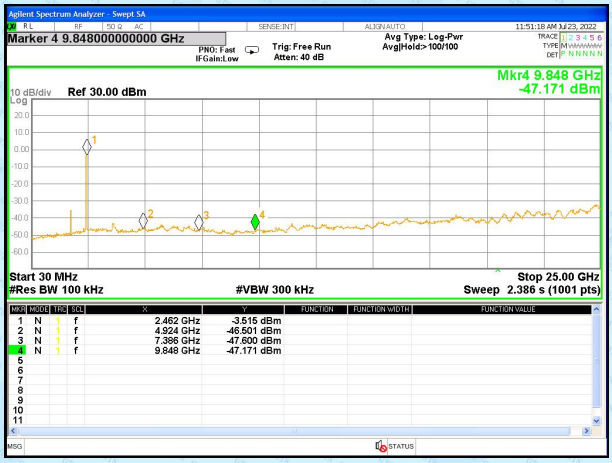
30MHz~25GHz

Middle channel



30MHz~25GHz

Highest channel



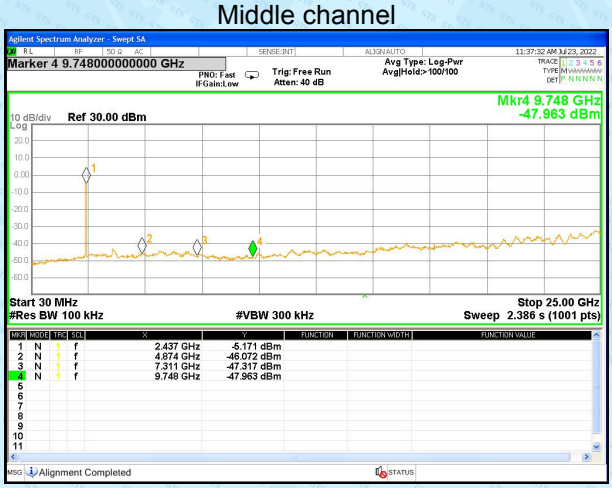
30MHz~25GHz

802.11n(HT20)__

Lowest channel

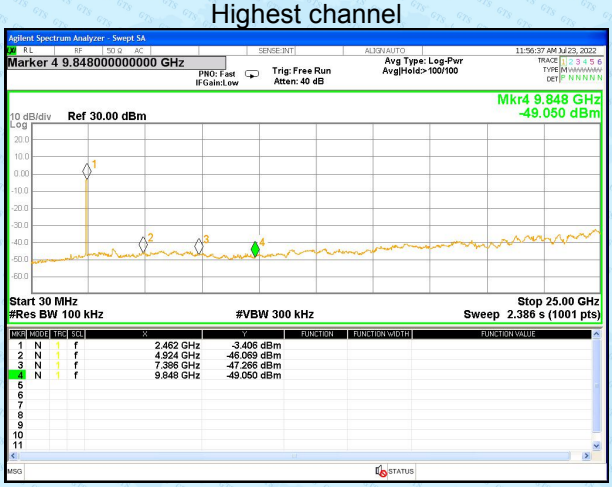
30MHz~25GHz

Middle channel



30MHz~25GHz

Highest channel



30MHz~25GHz

7.7.2 Radiated Emission Method

Test Requirement:	FCC Part15 C Section 15.209
Test Method:	ANSI C63.10: 2013
Test Frequency Range:	9kHz to 25GHz
Test site:	Measurement Distance: 3m

Receiver setup:

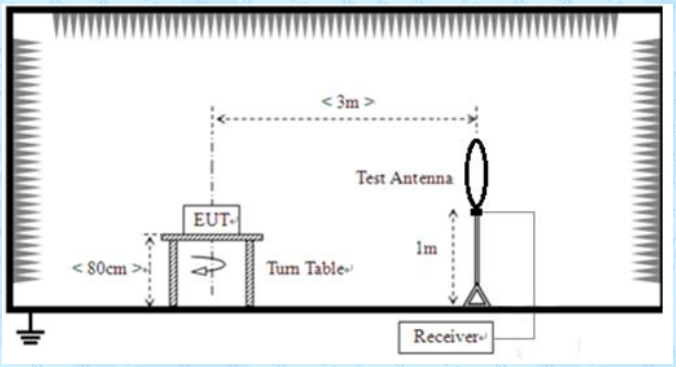
Frequency	Detector	RBW	VBW	Value
9KHz-150KHz	Quasi-peak	200Hz	600Hz	Quasi-peak
150KHz-30MHz	Quasi-peak	9KHz	30KHz	Quasi-peak
30MHz-1GHz	Quasi-peak	120KHz	300KHz	Quasi-peak
Above 1GHz	Peak	1MHz	3MHz	Peak
	Peak	1MHz	10Hz	Average

Limit:

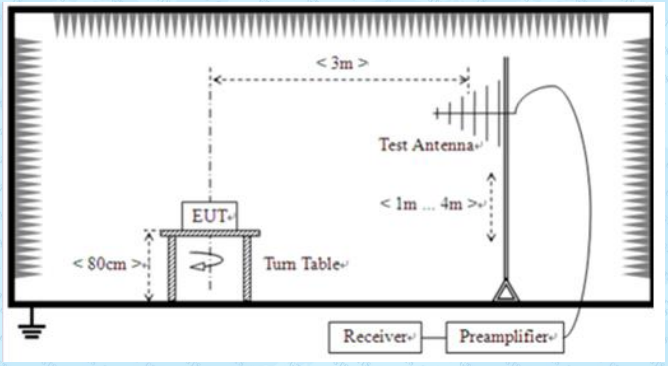
Frequency	Limit (uV/m)	Value	Measurement Distance
0.009MHz-0.490MHz	2400/F(KHz)	QP	300m
0.490MHz-1.705MHz	24000/F(KHz)	QP	300m
1.705MHz-30MHz	30	QP	30m
30MHz-88MHz	100	QP	3m
88MHz-216MHz	150	QP	
216MHz-960MHz	200	QP	
960MHz-1GHz	500	QP	
Above 1GHz	500	Average	
	5000	Peak	

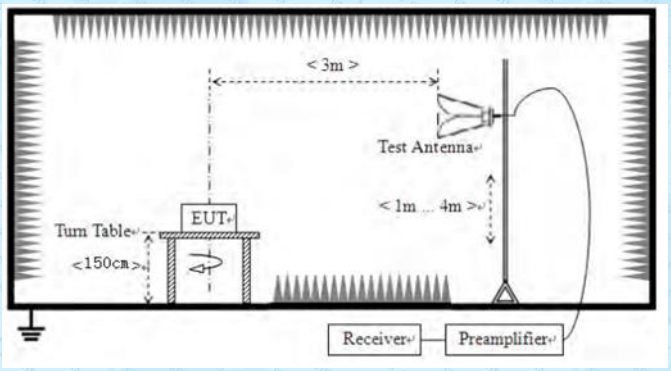
Test setup:

For radiated emissions from 9kHz to 30MHz



For radiated emissions from 30MHz to1GHz



	For radiated emissions above 1GHz  					
Test Procedure:	1. The EUT was placed on the top of a rotating table (0.8m for below 1G and 1.5m for above 1G) above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation. 2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. 3. The antenna height 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. 4. 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 rota table was turned from 0 degrees to 360 degrees to find the maximum reading. 5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. 6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.					
Test Instruments:	Refer to section 6.0 for details					
Test mode:	Refer to section 5.2 for details					
Test voltage:	AC120V 60Hz					
Test environment:	Temp.:	26.3 °C	Humid.:	46%	Press.:	1010mbar
Test voltage:	5Vdc 1A					
Test results:	Pass					

Remarks:

1. *Only the worst case Main Antenna test data.*
2. *Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis which it is worse case.*

Measurement data:

■ **9kHz~30MHz**

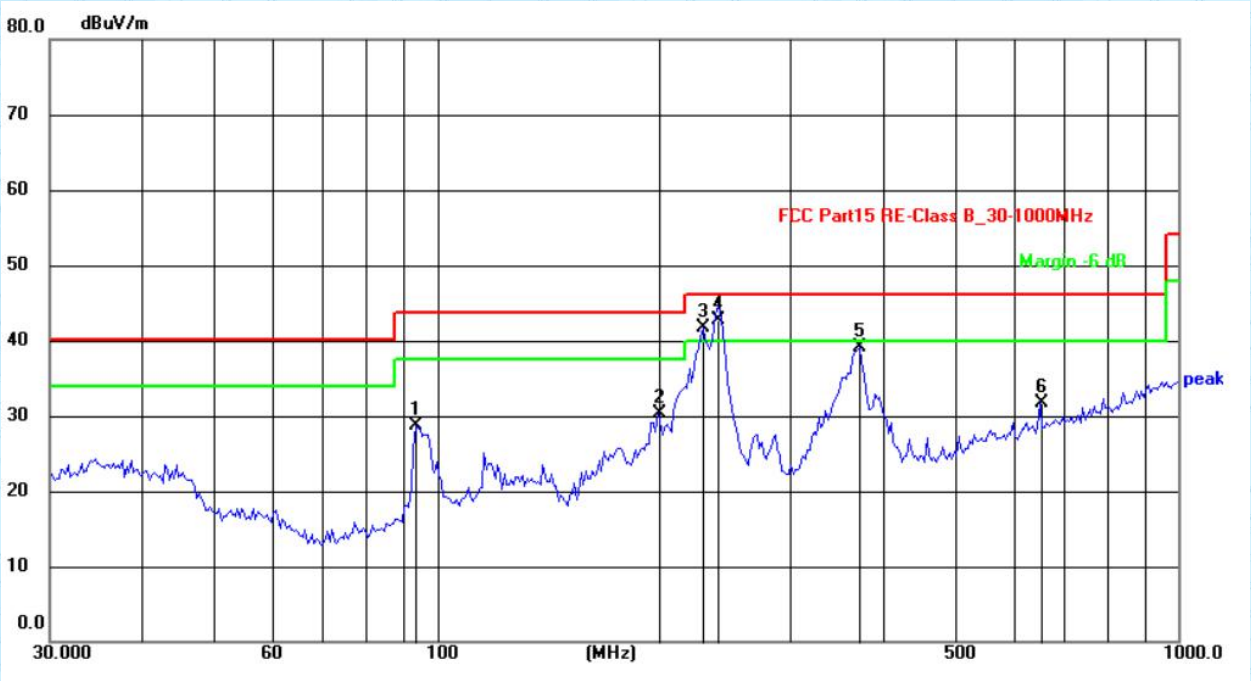
The emission from 9 kHz to 30MHz was pre-tested and found the result was 20dB lower than the limit, and according to 15.31(o) & RSS-Gen 6.13, the test result no need to reported.

■ **Above 18GHz**

The emission from Above 18GHz was pre-tested and found the result was 20dB lower than the limit, the test result no need to reported.

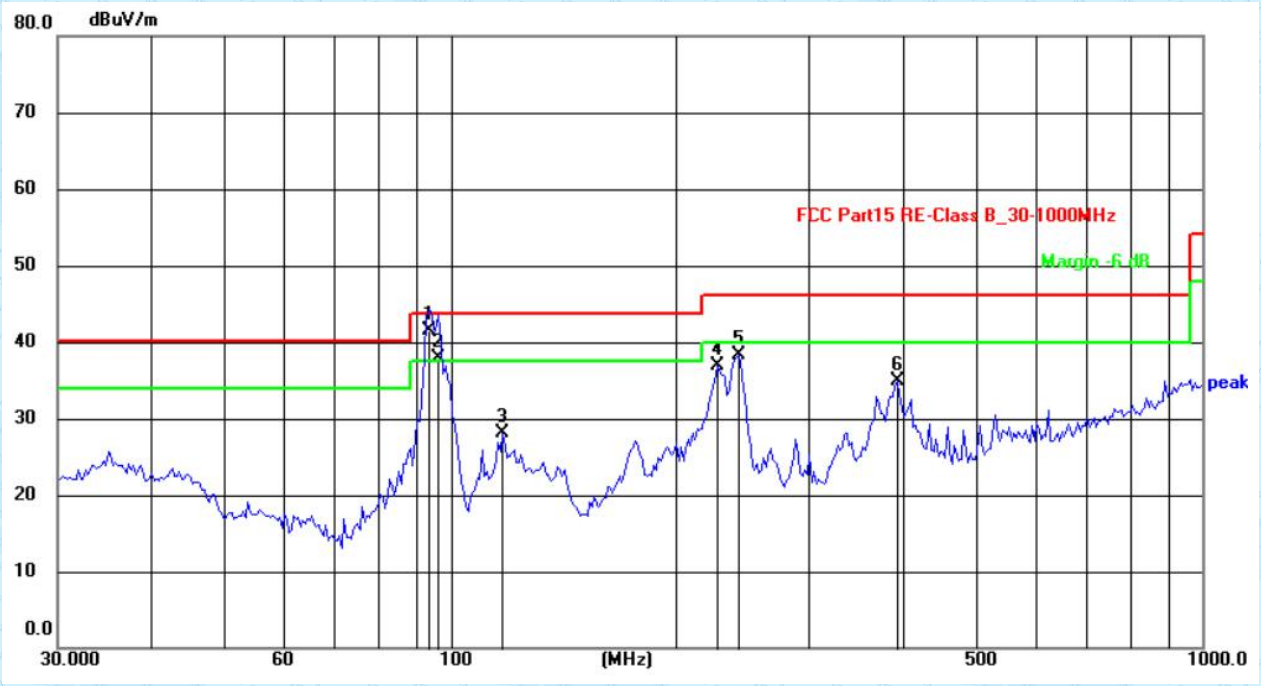
■ **Below 1GHz**

Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	93.6532	38.99	-10.38	28.61	43.50	-14.89	QP
2	198.6424	31.56	-1.22	30.34	43.50	-13.16	QP
3	228.6173	44.99	-3.31	41.68	46.00	-4.32	QP
4	240.1442	47.10	-4.34	42.76	46.00	-3.24	QP
5	371.2679	43.36	-4.35	39.01	46.00	-6.99	QP
6	651.3831	30.36	1.32	31.68	46.00	-14.32	QP

Vertical:

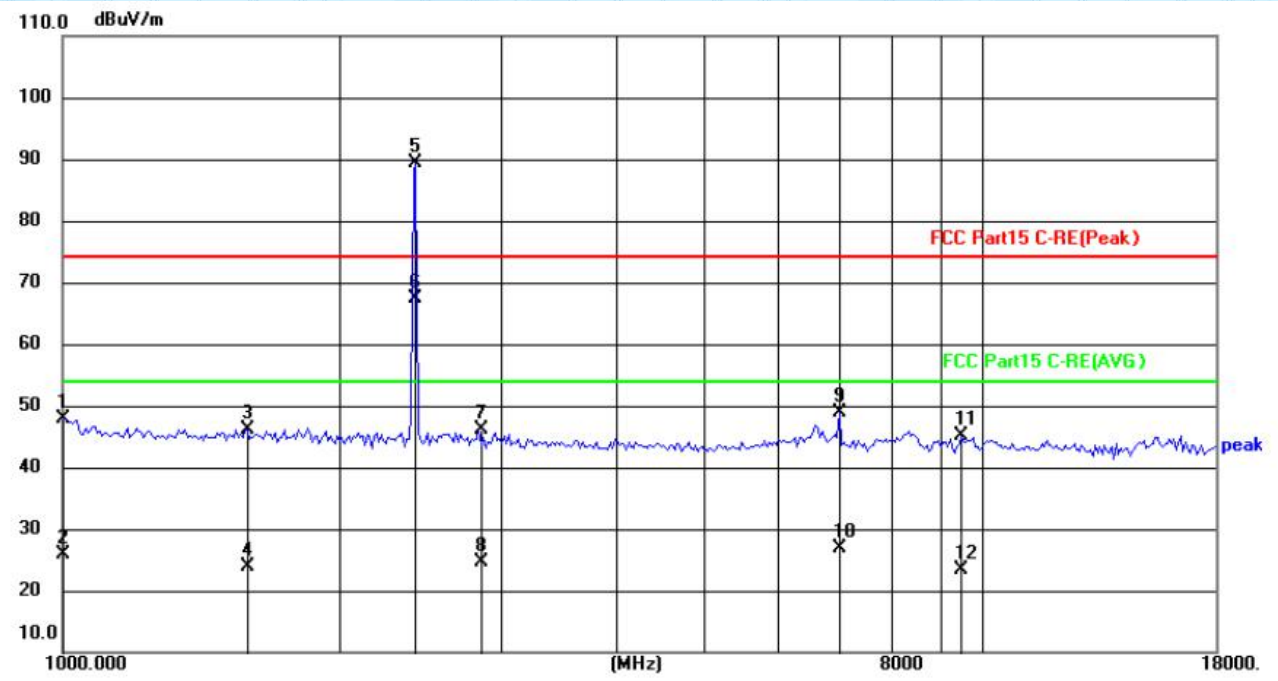


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	93.6532	52.68	-11.15	41.53	43.50	-1.97	QP
2	96.3230	48.39	-10.57	37.82	43.50	-5.68	QP
3	117.2687	34.89	-6.74	28.15	43.50	-15.35	QP
4	227.0164	40.43	-3.44	36.99	46.00	-9.01	QP
5	241.8377	42.86	-4.60	38.26	46.00	-7.74	QP
6	392.7375	37.93	-2.99	34.94	46.00	-11.06	QP

Above 1GHz

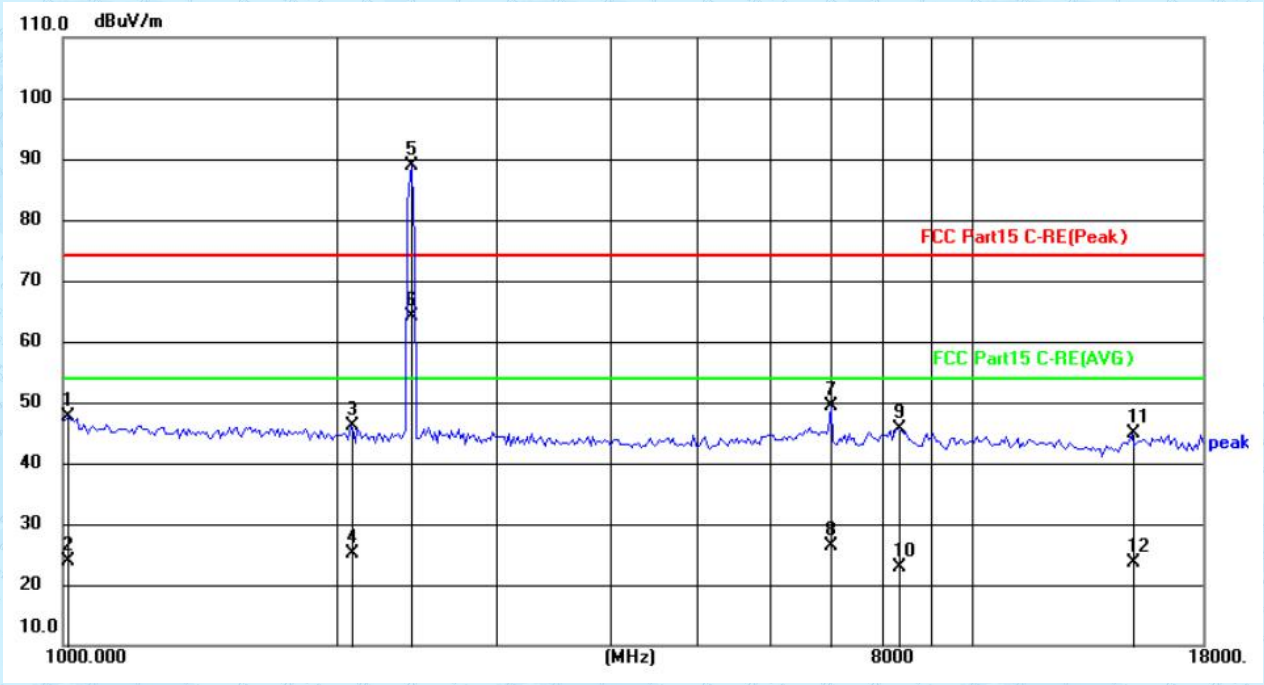
Test mode:	802.11b 2412MHz	Test channel:	Lowest

Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1005.809	46.41	1.49	47.90	74.00	-26.10	peak
2	1005.809	24.34	1.49	25.83	54.00	-28.17	AVG
3	1589.447	21.74	24.49	46.23	74.00	-27.77	peak
4	1589.447	-0.61	24.49	23.88	54.00	-30.12	AVG
5	2412.000	63.00	26.36	89.36	74.00	15.36	peak
6	2412.000	41.02	26.36	67.38	54.00	13.38	AVG
7	2836.637	18.96	27.11	46.07	74.00	-27.93	peak
8	2836.637	-2.43	27.11	24.68	54.00	-29.32	AVG
9	7002.185	13.08	35.80	48.88	74.00	-25.12	peak
10	7002.185	-8.96	35.80	26.84	54.00	-27.16	AVG
11	9518.294	7.21	38.04	45.25	74.00	-28.75	peak
12	9518.294	-14.57	38.04	23.47	54.00	-30.53	AVG

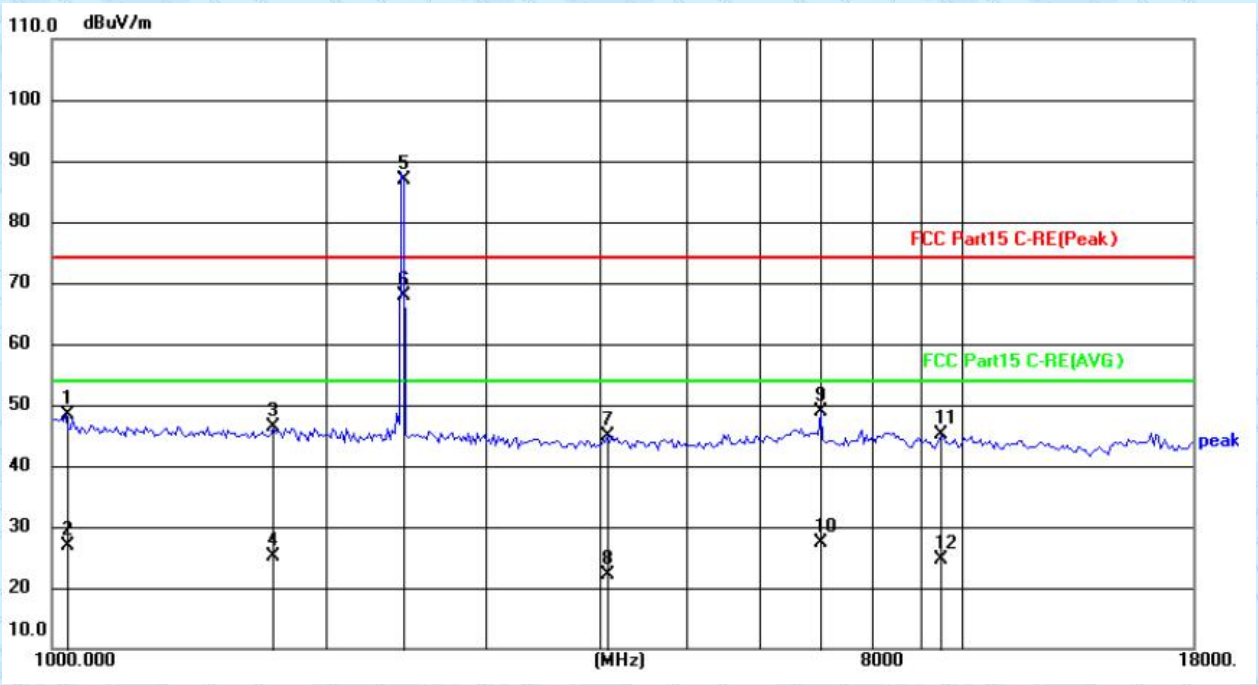
Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1011.652	46.09	1.58	47.67	74.00	-26.33	peak
2	1011.652	22.26	1.58	23.84	54.00	-30.16	AVG
3	2074.735	20.35	25.82	46.17	74.00	-27.83	peak
4	2074.735	-0.64	25.82	25.18	54.00	-28.82	AVG
5	2412.000	62.61	26.36	88.97	74.00	14.97	peak
6	2412.000	37.80	26.36	64.16	54.00	10.16	AVG
7	7002.185	13.46	35.80	49.26	74.00	-24.74	peak
8	7002.185	-9.52	35.80	26.28	54.00	-27.72	AVG
9	8282.955	8.86	36.73	45.59	74.00	-28.41	peak
10	8282.955	-13.88	36.73	22.85	54.00	-31.15	AVG
11	15041.448	7.05	37.91	44.96	74.00	-29.04	peak
12	15041.448	-14.36	37.91	23.55	54.00	-30.45	AVG

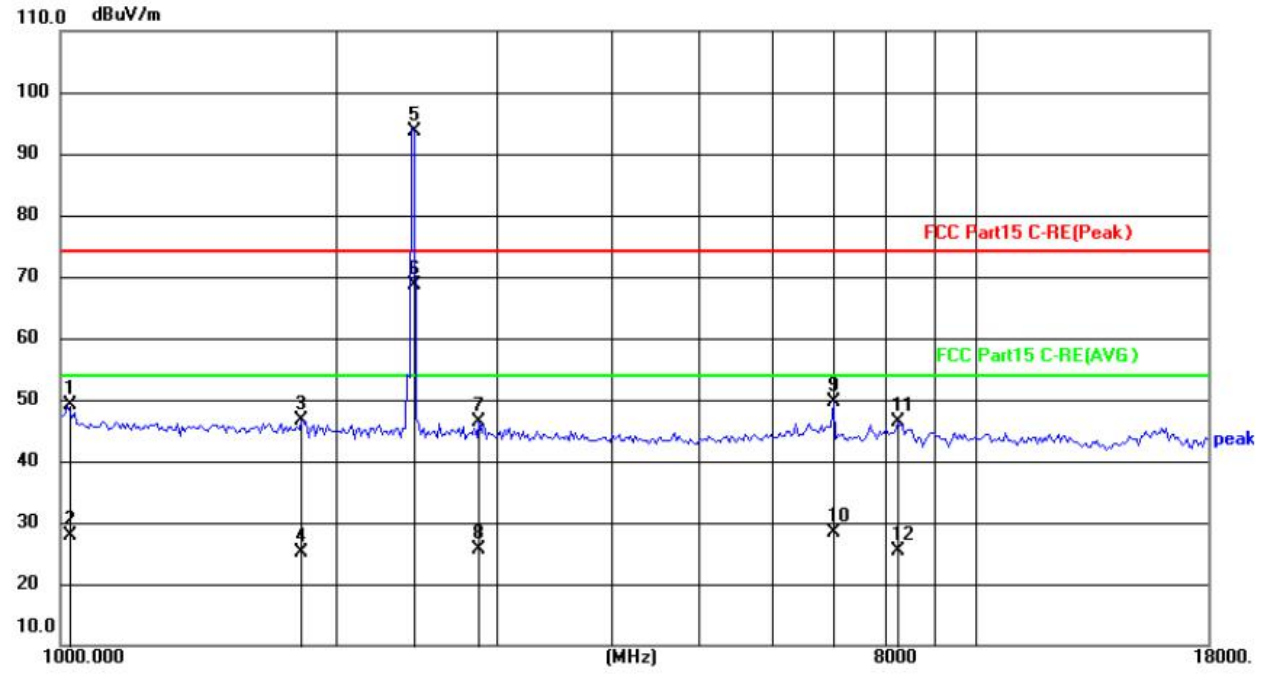
Test mode:	802.11b 2437MHz	Test channel:	Middle

Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1035.365	46.34	1.95	48.29	74.00	-25.71	peak
2	1035.365	24.95	1.95	26.90	54.00	-27.10	AVG
3	1753.924	21.32	24.96	46.28	74.00	-27.72	peak
4	1753.924	0.10	24.96	25.06	54.00	-28.94	AVG
5	2437.000	60.59	26.40	86.99	74.00	12.99	peak
6	2437.000	41.48	26.40	67.88	54.00	13.88	AVG
7	4085.874	15.94	28.99	44.93	74.00	-29.07	peak
8	4085.874	-6.90	28.99	22.09	54.00	-31.91	AVG
9	7002.185	13.11	35.80	48.91	74.00	-25.09	peak
10	7002.185	-8.42	35.80	27.38	54.00	-26.62	AVG
11	9518.294	7.00	38.04	45.04	74.00	-28.96	peak
12	9518.294	-13.36	38.04	24.68	54.00	-29.32	AVG

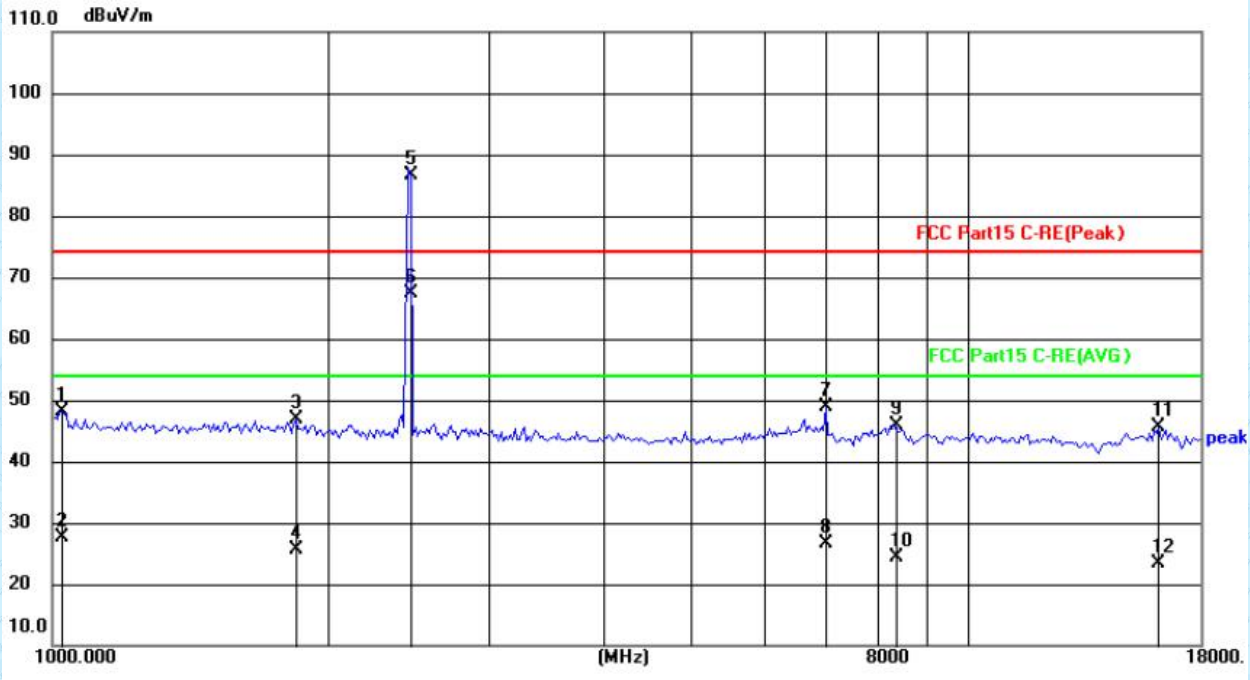
Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1017.529	47.40	1.67	49.07	74.00	-24.93	peak
2	1017.529	26.29	1.67	27.96	54.00	-26.04	AVG
3	1837.111	21.52	25.21	46.73	74.00	-27.27	peak
4	1837.111	0.01	25.21	25.22	54.00	-28.78	AVG
5	2437.000	67.21	26.40	93.61	74.00	19.61	peak
6	2437.000	42.35	26.40	68.75	54.00	14.75	AVG
7	2869.689	19.28	27.17	46.45	74.00	-27.55	peak
8	2869.689	-1.57	27.17	25.60	54.00	-28.40	AVG
9	7002.185	13.84	35.80	49.64	74.00	-24.36	peak
10	7002.185	-7.49	35.80	28.31	54.00	-25.69	AVG
11	8235.116	9.55	36.72	46.27	74.00	-27.73	peak
12	8235.116	-11.33	36.72	25.39	54.00	-28.61	AVG

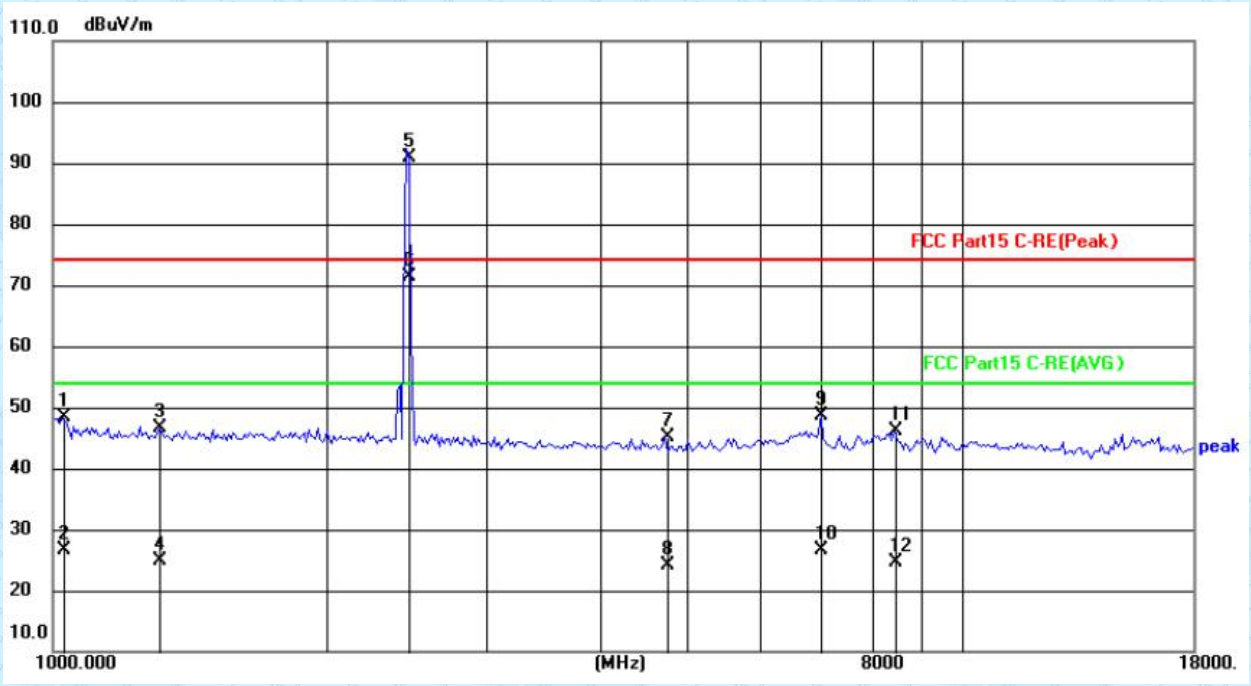
Test mode:	802.11b 2462MHz	Test channel:	Highest

Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1017.529	46.45	1.67	48.12	74.00	-25.88	peak
2	1017.529	26.06	1.67	27.73	54.00	-26.27	AVG
3	1847.783	21.74	25.24	46.98	74.00	-27.02	peak
4	1847.783	0.31	25.24	25.55	54.00	-28.45	AVG
5	2462.000	60.20	26.44	86.64	74.00	12.64	peak
6	2462.000	40.88	26.44	67.32	54.00	13.32	AVG
7	7002.185	13.12	35.80	48.92	74.00	-25.08	peak
8	7002.185	-9.21	35.80	26.59	54.00	-27.41	AVG
9	8331.072	9.08	36.73	45.81	74.00	-28.19	peak
10	8331.072	-12.37	36.73	24.36	54.00	-29.64	AVG
11	16217.807	7.38	38.19	45.57	74.00	-28.43	peak
12	16217.807	-14.78	38.19	23.41	54.00	-30.59	AVG

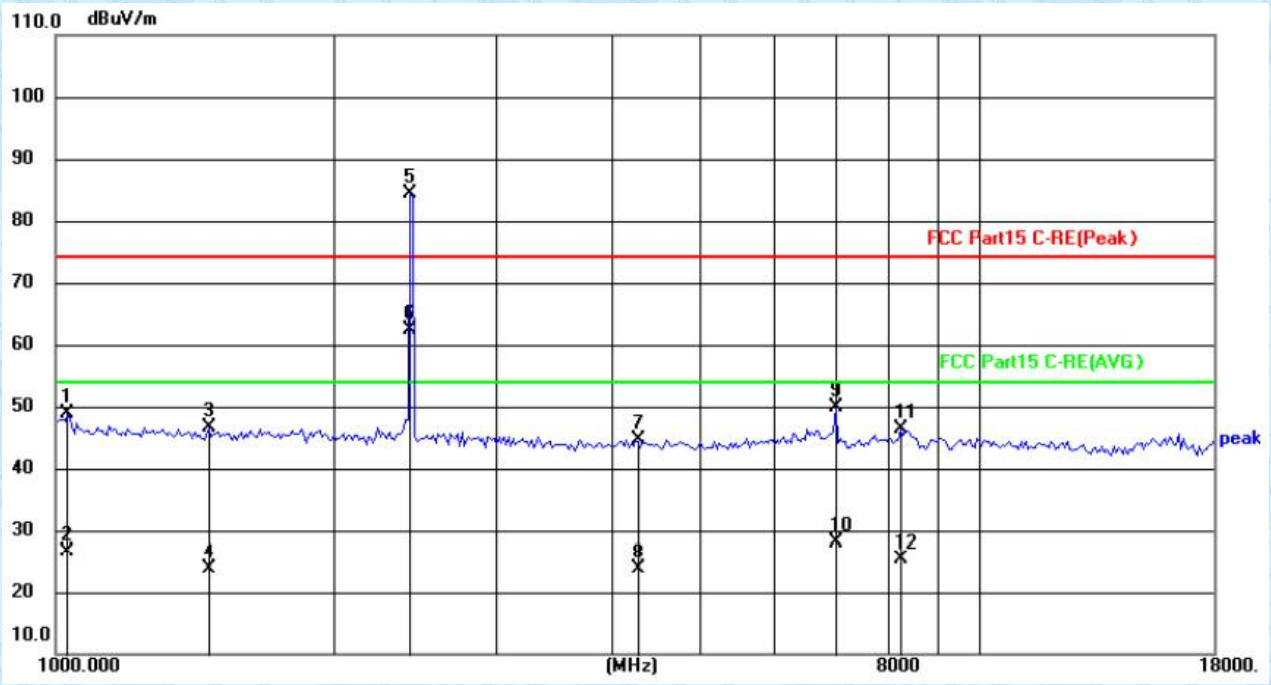
Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1023.440	46.67	1.76	48.43	74.00	-25.57	peak
2	1023.440	24.98	1.76	26.74	54.00	-27.26	AVG
3	1312.901	22.42	24.21	46.63	74.00	-27.37	peak
4	1312.901	0.60	24.21	24.81	54.00	-29.19	AVG
5	2462.000	64.54	26.44	90.98	74.00	16.98	peak
6	2462.000	44.90	26.44	71.34	54.00	17.34	AVG
7	4722.527	15.17	29.89	45.06	74.00	-28.94	peak
8	4722.527	-5.78	29.89	24.11	54.00	-29.89	AVG
9	7002.185	12.95	35.80	48.75	74.00	-25.25	peak
10	7002.185	-9.27	35.80	26.53	54.00	-27.47	AVG
11	8428.146	9.38	36.74	46.12	74.00	-27.88	peak
12	8428.146	-12.01	36.74	24.73	54.00	-29.27	AVG

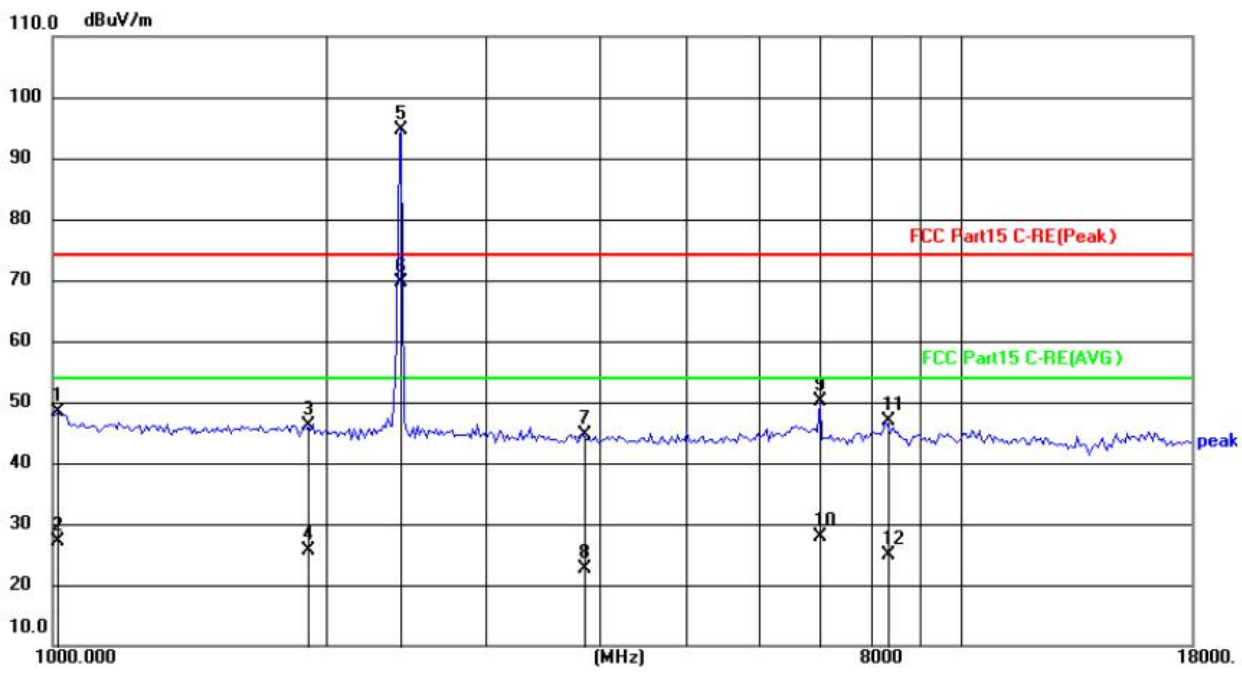
Test mode:	802.11g 2412MHz	Test channel:	lowest

Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1029.385	47.03	1.86	48.89	74.00	-25.11	peak
2	1029.385	24.85	1.86	26.71	54.00	-27.29	AVG
3	1465.642	22.16	24.37	46.53	74.00	-27.47	peak
4	1465.642	-0.49	24.37	23.88	54.00	-30.12	AVG
5	2412.000	58.14	26.36	84.50	74.00	10.50	peak
6	2412.000	36.08	26.36	62.44	54.00	8.44	AVG
7	4254.946	15.51	29.15	44.66	74.00	-29.34	peak
8	4254.946	-5.26	29.15	23.89	54.00	-30.11	AVG
9	7002.185	13.98	35.80	49.78	74.00	-24.22	peak
10	7002.185	-7.63	35.80	28.17	54.00	-25.83	AVG
11	8235.116	9.67	36.72	46.39	74.00	-27.61	peak
12	8235.116	-11.45	36.72	25.27	54.00	-28.73	AVG

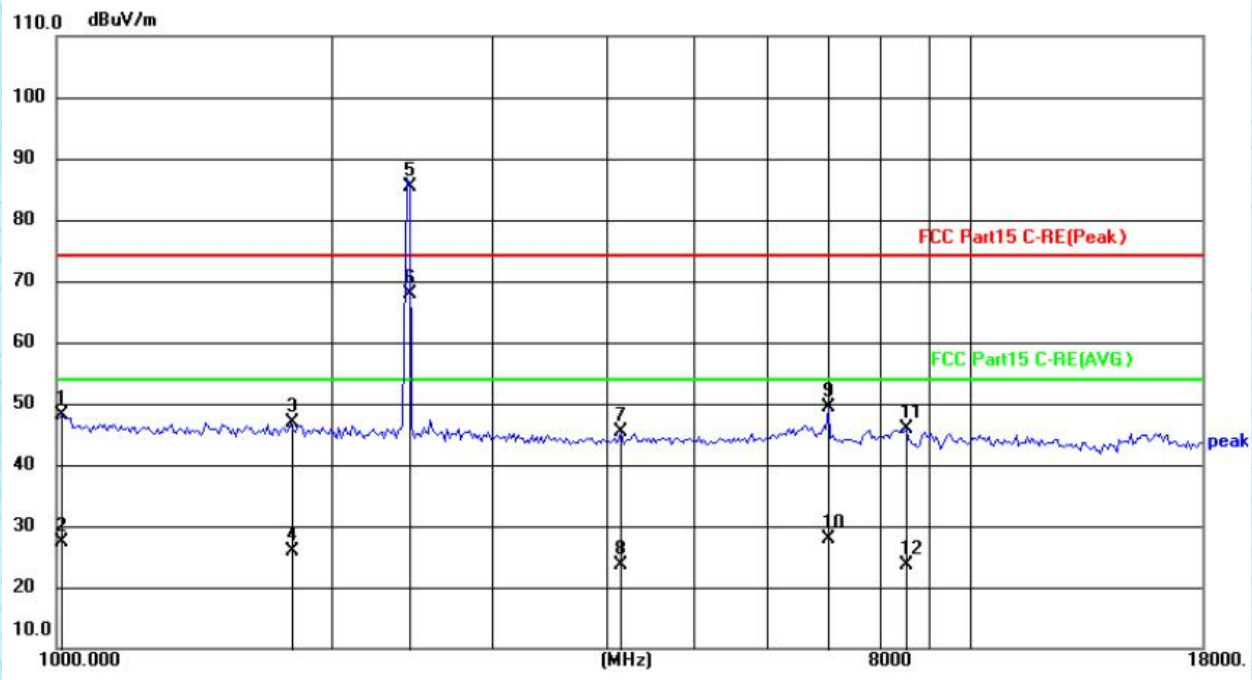
Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1011.652	46.81	1.58	48.39	74.00	-25.61	peak
2	1011.652	25.63	1.58	27.21	54.00	-26.79	AVG
3	1902.081	20.81	25.41	46.22	74.00	-27.78	peak
4	1902.081	0.33	25.41	25.74	54.00	-28.26	AVG
5	2412.000	68.33	26.36	94.69	74.00	20.69	peak
6	2412.000	43.15	26.36	69.51	54.00	15.51	AVG
7	3833.661	16.05	28.70	44.75	74.00	-29.25	peak
8	3833.661	-6.07	28.70	22.63	54.00	-31.37	AVG
9	7002.185	14.24	35.80	50.04	74.00	-23.96	peak
10	7002.185	-7.92	35.80	27.88	54.00	-26.12	AVG
11	8282.955	10.13	36.73	46.86	74.00	-27.14	peak
12	8282.955	-11.80	36.73	24.93	54.00	-29.07	AVG

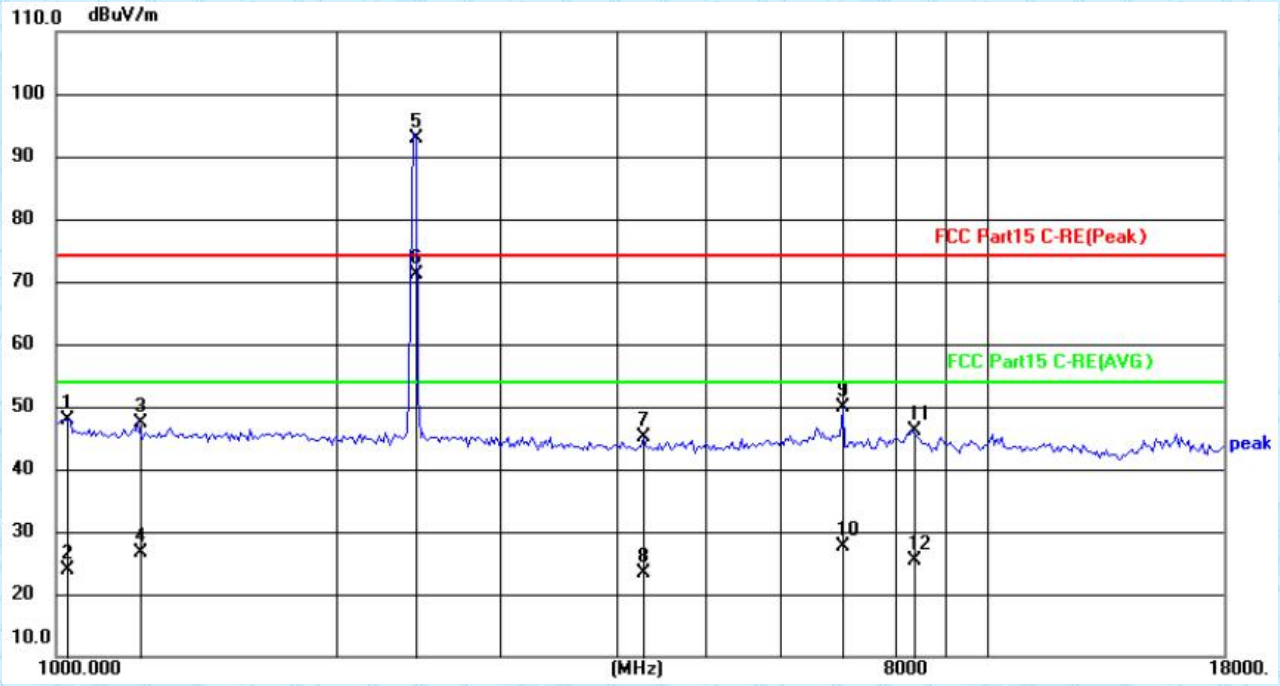
Test mode:	802.11g 2437MHz	Test channel:	Middle

Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1011.652	46.64	1.58	48.22	74.00	-25.78	peak
2	1011.652	25.73	1.58	27.31	54.00	-26.69	AVG
3	1805.464	21.76	25.12	46.88	74.00	-27.12	peak
4	1805.464	0.71	25.12	25.83	54.00	-28.17	AVG
5	2437.000	59.01	26.40	85.41	74.00	11.41	peak
6	2437.000	41.37	26.40	67.77	54.00	13.77	AVG
7	4157.495	16.21	29.06	45.27	74.00	-28.73	peak
8	4157.495	-5.46	29.06	23.60	54.00	-30.40	AVG
9	7002.185	13.62	35.80	49.42	74.00	-24.58	peak
10	7002.185	-7.87	35.80	27.93	54.00	-26.07	AVG
11	8526.350	9.23	36.75	45.98	74.00	-28.02	peak
12	8526.350	-13.07	36.75	23.68	54.00	-30.32	AVG

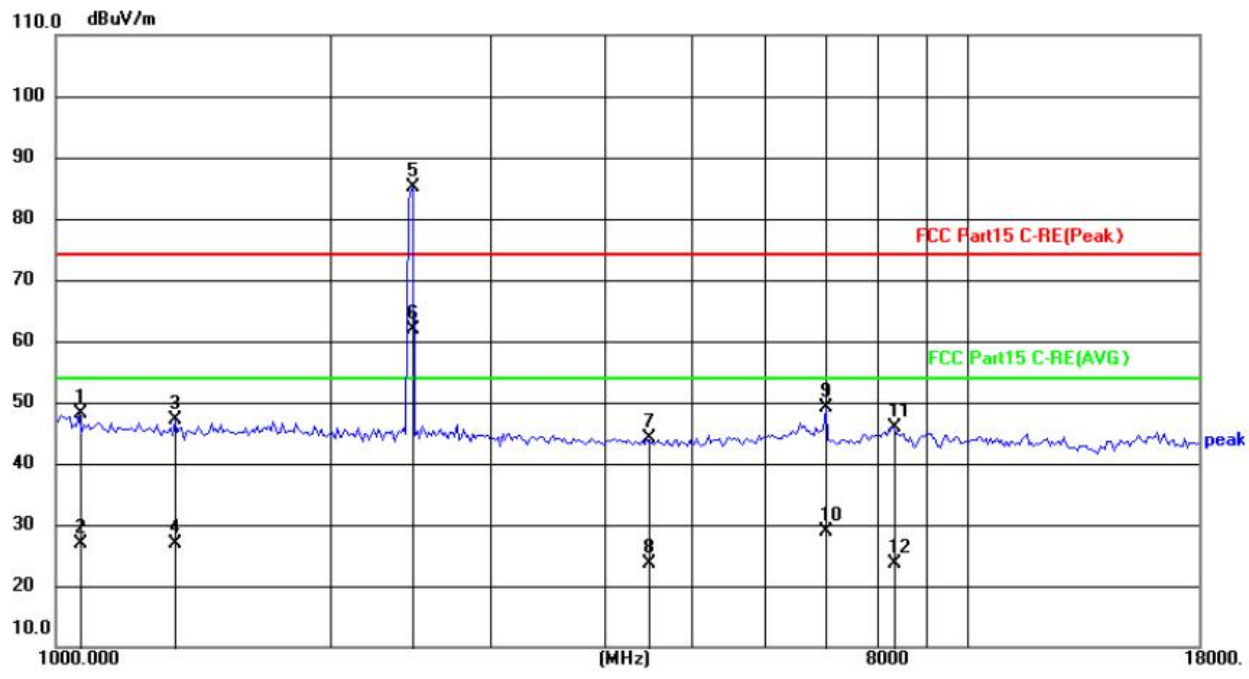
Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1023.440	46.18	1.76	47.94	74.00	-26.06	peak
2	1023.440	22.01	1.76	23.77	54.00	-30.23	AVG
3	1224.744	23.26	24.12	47.38	74.00	-26.62	peak
4	1224.744	2.62	24.12	26.74	54.00	-27.26	AVG
5	2437.000	66.57	26.40	92.97	74.00	18.97	peak
6	2437.000	44.68	26.40	71.08	54.00	17.08	AVG
7	4279.663	15.90	29.18	45.08	74.00	-28.92	peak
8	4279.663	-5.81	29.18	23.37	54.00	-30.63	AVG
9	7002.185	13.98	35.80	49.78	74.00	-24.22	peak
10	7002.185	-8.12	35.80	27.68	54.00	-26.32	AVG
11	8331.072	9.52	36.73	46.25	74.00	-27.75	peak
12	8331.072	-11.36	36.73	25.37	54.00	-28.63	AVG

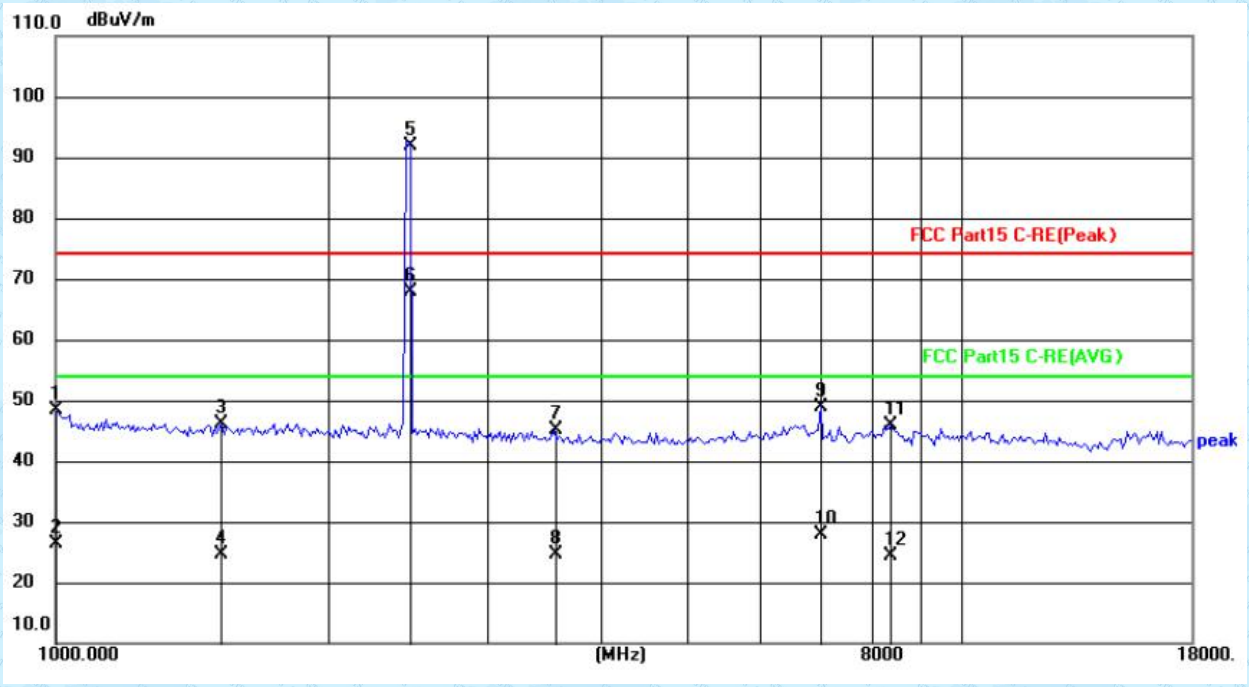
Test mode:	802.11g 2462MHz	Test channel:	Highest

Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1059.634	24.48	23.68	48.16	74.00	-25.84	peak
2	1059.634	3.09	23.68	26.77	54.00	-27.23	AVG
3	1351.481	22.99	24.25	47.24	74.00	-26.76	peak
4	1351.481	2.58	24.25	26.83	54.00	-27.17	AVG
5	2462.000	58.71	26.44	85.15	74.00	11.15	peak
6	2462.000	35.44	26.44	61.88	54.00	7.88	AVG
7	4456.754	14.74	29.36	44.10	74.00	-29.90	peak
8	4456.754	-5.65	29.36	23.71	54.00	-30.29	AVG
9	7002.185	13.40	35.80	49.20	74.00	-24.80	peak
10	7002.185	-6.93	35.80	28.87	54.00	-25.13	AVG
11	8282.955	9.26	36.73	45.99	74.00	-28.01	peak
12	8282.955	-13.11	36.73	23.62	54.00	-30.38	AVG

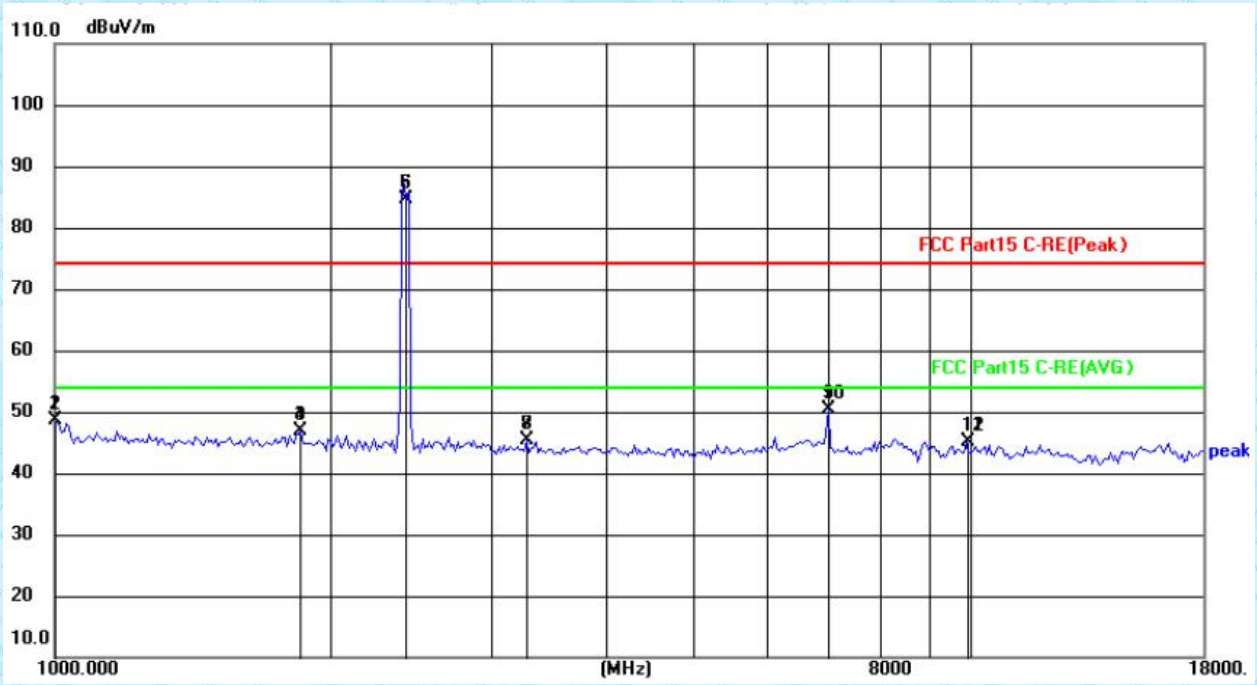
Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1000.0000	46.87	1.40	48.27	74.00	-25.73	peak
2	1000.0000	24.93	1.40	26.33	54.00	-27.67	AVG
3	1526.290	21.74	24.43	46.17	74.00	-27.83	peak
4	1526.290	0.28	24.43	24.71	54.00	-29.29	AVG
5	2462.000	65.34	26.44	91.78	74.00	17.78	peak
6	2462.000	41.39	26.44	67.83	54.00	13.83	AVG
7	3555.586	16.69	28.37	45.06	74.00	-28.94	peak
8	3555.586	-3.66	28.37	24.71	54.00	-29.29	AVG
9	7002.185	13.20	35.80	49.00	74.00	-25.00	peak
10	7002.185	-7.90	35.80	27.90	54.00	-26.10	AVG
11	8379.468	9.24	36.74	45.98	74.00	-28.02	peak
12	8379.468	-12.39	36.74	24.35	54.00	-29.65	AVG

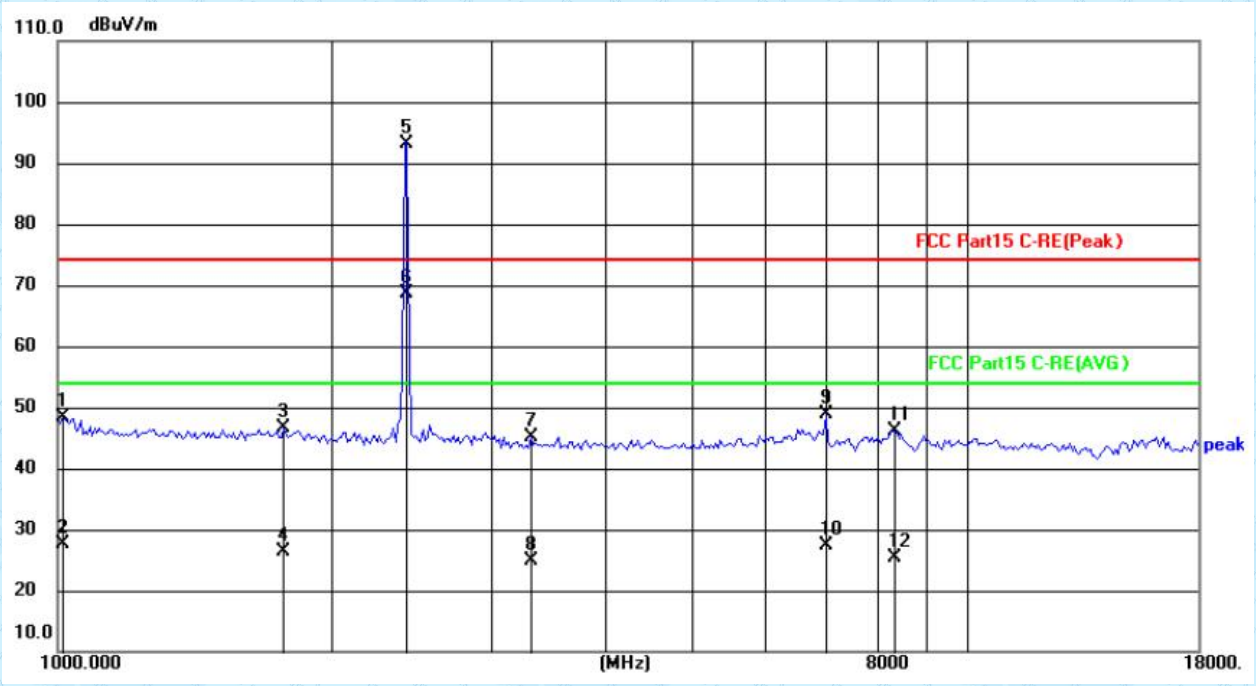
Test mode:	802.11n(HT20) 2412MHz	Test channel:	Lowest

Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1005.809	47.22	1.49	48.71	74.00	-25.29	peak
2	1005.809	47.22	1.49	48.71	74.00	-25.29	peak
3	1858.517	21.57	25.28	46.85	74.00	-27.15	peak
4	1858.517	21.57	25.28	46.85	74.00	-27.15	peak
5	2412.000	58.20	26.36	84.56	74.00	10.56	peak
6	2412.000	58.20	26.36	84.56	74.00	10.56	peak
7	3278.635	17.38	27.90	45.28	74.00	-28.72	peak
8	3278.635	17.38	27.90	45.28	74.00	-28.72	peak
9	7002.185	14.66	35.80	50.46	74.00	-23.54	peak
10	7002.185	14.66	35.80	50.46	74.00	-23.54	peak
11	9912.157	6.07	38.99	45.06	74.00	-28.94	peak
12	9912.157	6.07	38.99	45.06	74.00	-28.94	peak

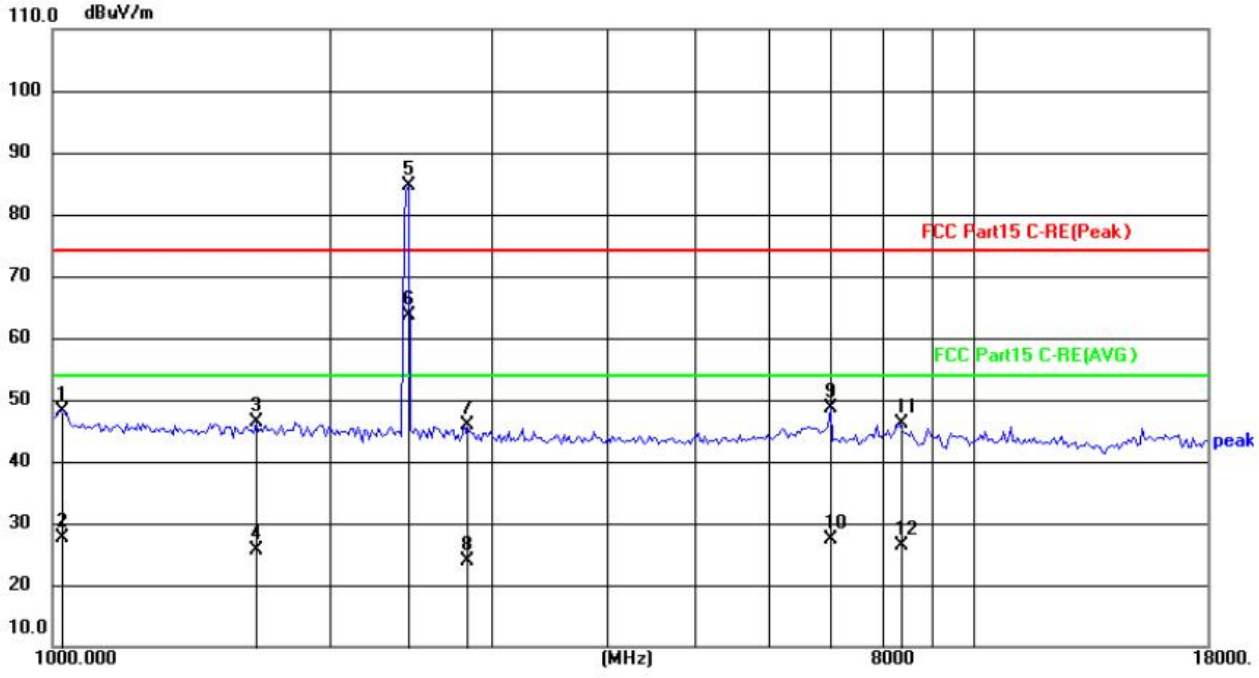
Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1011.652	46.87	1.58	48.45	74.00	-25.55	peak
2	1011.652	26.01	1.58	27.59	54.00	-26.41	AVG
3	1774.361	21.55	25.02	46.57	74.00	-27.43	peak
4	1774.361	1.45	25.02	26.47	54.00	-27.53	AVG
5	2412.000	66.71	26.36	93.07	74.00	19.07	peak
6	2412.000	42.18	26.36	68.54	54.00	14.54	AVG
7	3316.838	17.07	27.97	45.04	74.00	-28.96	peak
8	3316.838	-3.16	27.97	24.81	54.00	-29.19	AVG
9	7002.185	12.96	35.80	48.76	74.00	-25.24	peak
10	7002.185	-8.35	35.80	27.45	54.00	-26.55	AVG
11	8282.955	9.44	36.73	46.17	74.00	-27.83	peak
12	8282.955	-11.43	36.73	25.30	54.00	-28.70	AVG

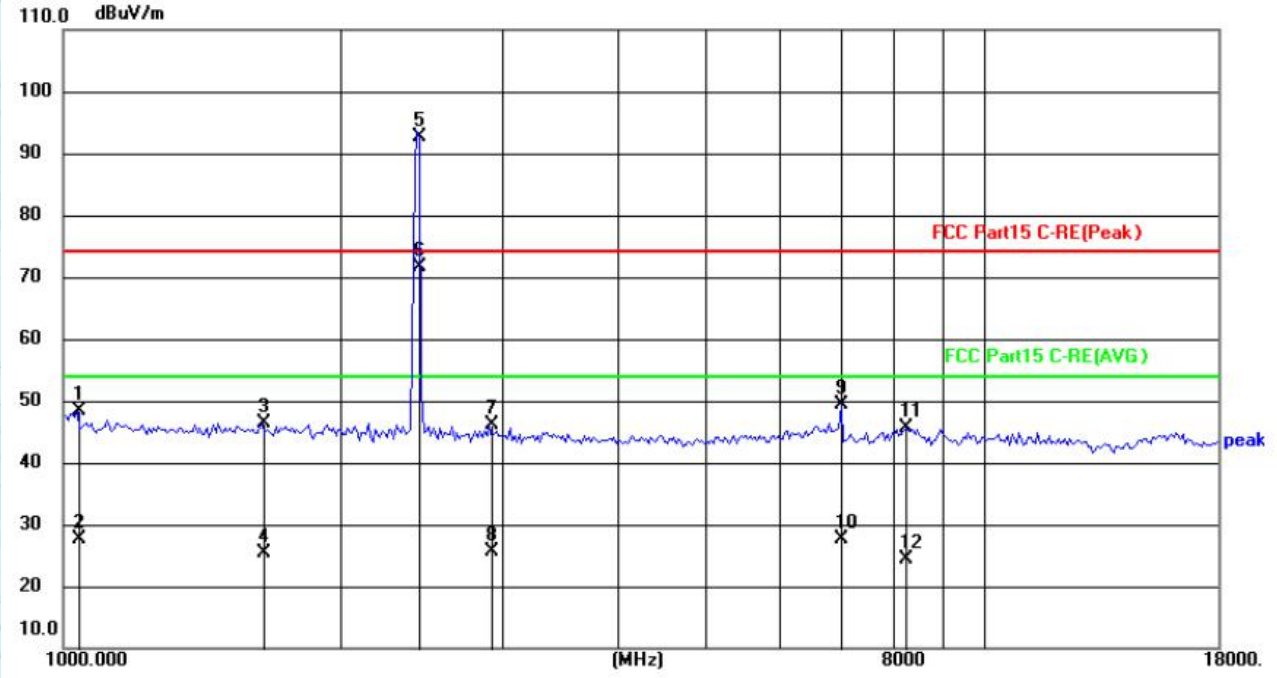
Test mode:	802.11n(HT20 2437MHz	Test channel:	Middle

Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1017.529	46.49	1.67	48.16	74.00	-25.84	peak
2	1017.529	26.02	1.67	27.69	54.00	-26.31	AVG
3	1664.833	21.73	24.69	46.42	74.00	-27.58	peak
4	1664.833	1.04	24.69	25.73	54.00	-28.27	AVG
5	2437.000	58.34	26.40	84.74	74.00	10.74	peak
6	2437.000	37.31	26.40	63.71	54.00	9.71	AVG
7	2803.965	18.92	27.05	45.97	74.00	-28.03	peak
8	2803.965	-3.17	27.05	23.88	54.00	-30.12	AVG
9	7002.185	12.86	35.80	48.66	74.00	-25.34	peak
10	7002.185	-8.40	35.80	27.40	54.00	-26.60	AVG
11	8331.072	9.33	36.73	46.06	74.00	-27.94	peak
12	8331.072	-10.35	36.73	26.38	54.00	-27.62	AVG

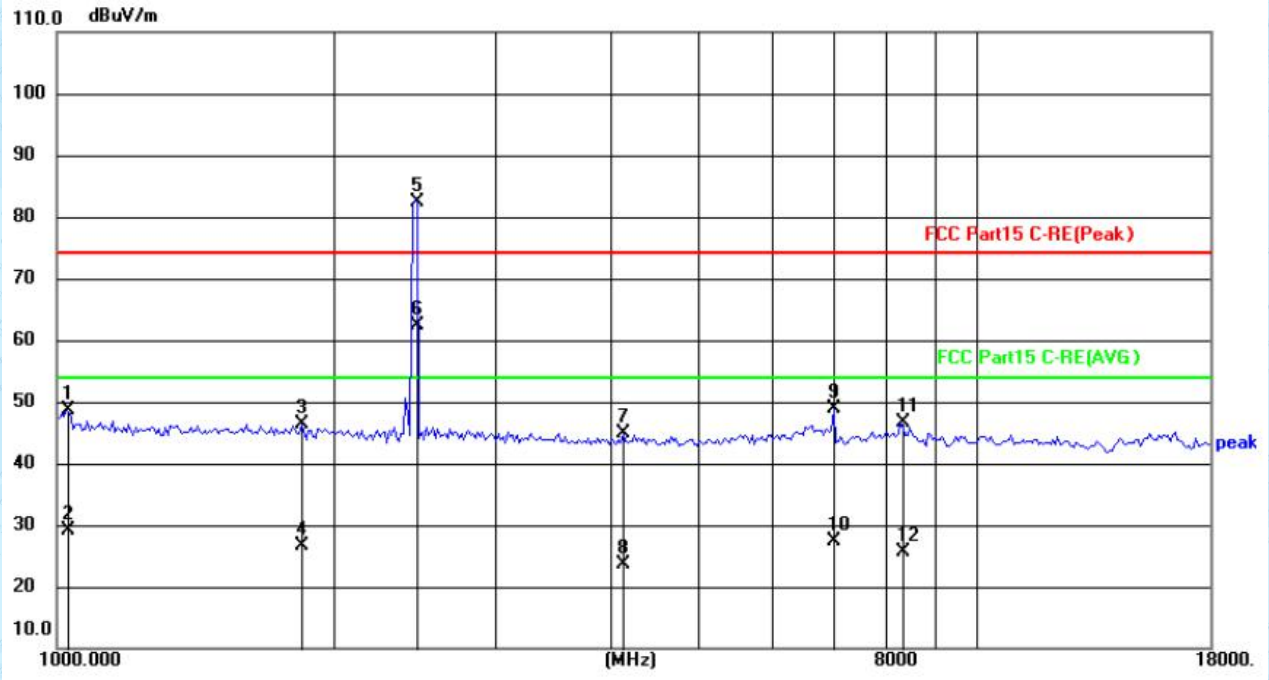
Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1035.365	46.36	1.95	48.31	74.00	-25.69	peak
2	1035.365	25.68	1.95	27.63	54.00	-26.37	AVG
3	1645.658	21.81	24.64	46.45	74.00	-27.55	peak
4	1645.658	0.71	24.64	25.35	54.00	-28.65	AVG
5	2437.000	66.29	26.40	92.69	74.00	18.69	peak
6	2437.000	45.23	26.40	71.63	54.00	17.63	AVG
7	2903.127	18.85	27.23	46.08	74.00	-27.92	peak
8	2903.127	-1.71	27.23	25.52	54.00	-28.48	AVG
9	7002.185	13.59	35.80	49.39	74.00	-24.61	peak
10	7002.185	-8.06	35.80	27.74	54.00	-26.26	AVG
11	8235.116	8.80	36.72	45.52	74.00	-28.48	peak
12	8235.116	-12.29	36.72	24.43	54.00	-29.57	AVG

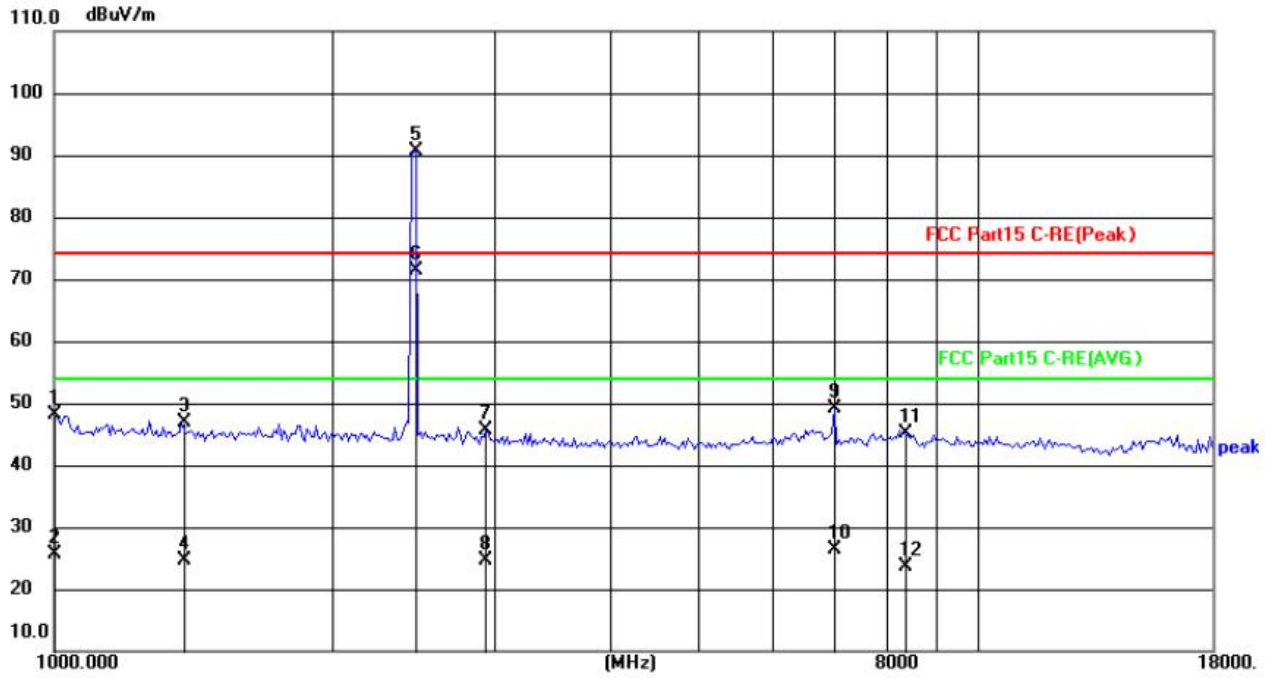
Test mode:	802.11n(HT20 2462MHz	Test channel:	Highest

Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1023.440	46.97	1.76	48.73	74.00	-25.27	peak
2	1023.440	27.37	1.76	29.13	54.00	-24.87	AVG
3	1847.783	21.16	25.24	46.40	74.00	-27.60	peak
4	1847.783	1.39	25.24	26.63	54.00	-27.37	AVG
5	2462.000	55.84	26.44	82.28	74.00	8.28	peak
6	2462.000	36.03	26.44	62.47	54.00	8.47	AVG
7	4133.483	15.79	29.03	44.82	74.00	-29.18	peak
8	4133.483	-5.32	29.03	23.71	54.00	-30.29	AVG
9	7002.185	12.97	35.80	48.77	74.00	-25.23	peak
10	7002.185	-8.44	35.80	27.36	54.00	-26.64	AVG
11	8282.955	9.78	36.73	46.51	74.00	-27.49	peak
12	8282.955	-11.15	36.73	25.58	54.00	-28.42	AVG

Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1005.809	46.63	1.49	48.12	74.00	-25.88	peak
2	1005.809	24.04	1.49	25.53	54.00	-28.47	AVG
3	1375.171	22.64	24.28	46.92	74.00	-27.08	peak
4	1375.171	0.27	24.28	24.55	54.00	-29.45	AVG
5	2462.000	64.23	26.44	90.67	74.00	16.67	peak
6	2462.000	45.04	26.44	71.48	54.00	17.48	AVG
7	2936.954	18.25	27.29	45.54	74.00	-28.46	peak
8	2936.954	-2.58	27.29	24.71	54.00	-29.29	AVG
9	7002.185	13.26	35.80	49.06	74.00	-24.94	peak
10	7002.185	-9.48	35.80	26.32	54.00	-27.68	AVG
11	8331.072	8.30	36.73	45.03	74.00	-28.97	peak
12	8331.072	-12.99	36.73	23.74	54.00	-30.26	AVG

Remark:

1 Final Level =Receiver Read level + Antenna Factor

2 "", means this data is the too weak instrument of signal is unable to test.*

8 Test Setup Photo

Reference to the **appendix I** for details.

9 EUT Constructional Details

Reference to the **appendix II** and **appendix III** for details.

------End------