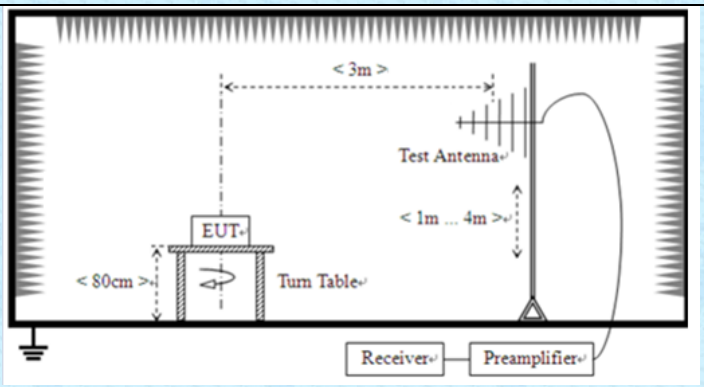
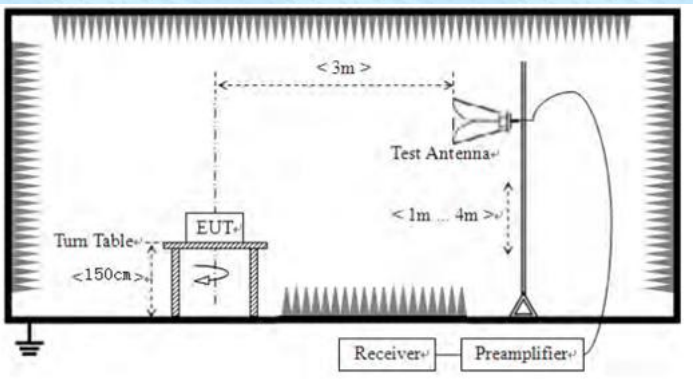


For radiated emissions above 1GHz



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.:	25 °C	Humid.:	52%	Press.:	1012mbar
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**

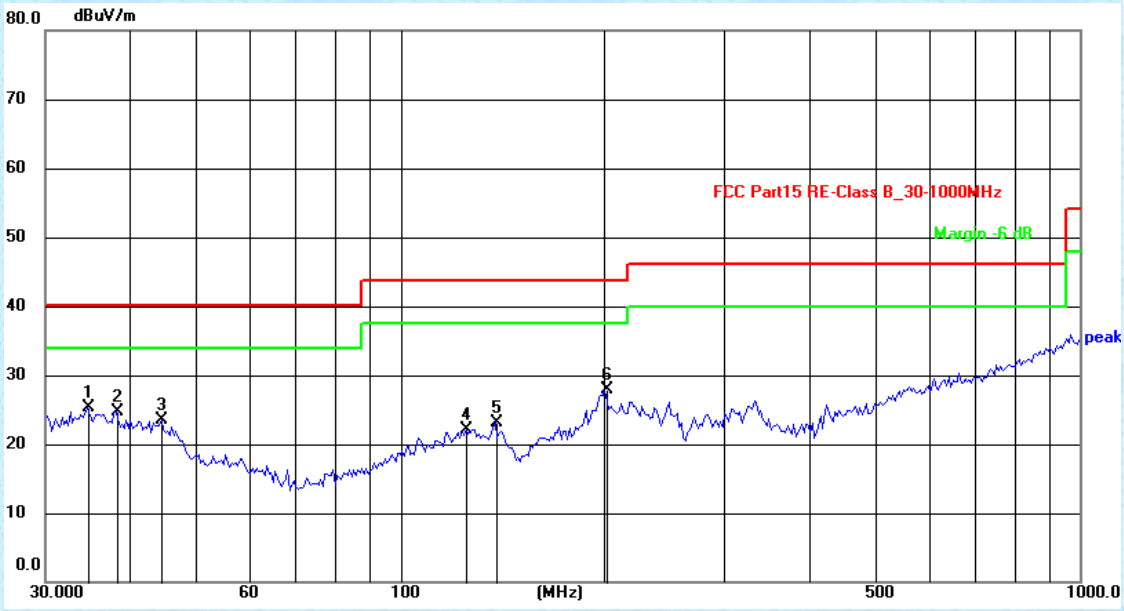
The emission from 9 kHz to 30MHz was pre-tested and found the result was 20dB lower than the limit, and according to 15.31(o) & RSS-Gen 6.13, the test result no need to reported.

■ **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	34.5270	27.65	-2.38	25.27	40.00	-14.73	QP
2	38.0965	28.08	-3.35	24.73	40.00	-15.27	QP
3	44.4657	27.44	-4.01	23.43	40.00	-16.57	QP
4	124.9249	28.16	-6.14	22.02	43.50	-21.48	QP
5	137.8400	29.35	-6.15	23.20	43.50	-20.30	QP
6	200.0432	28.68	-0.75	27.93	43.50	-15.57	QP

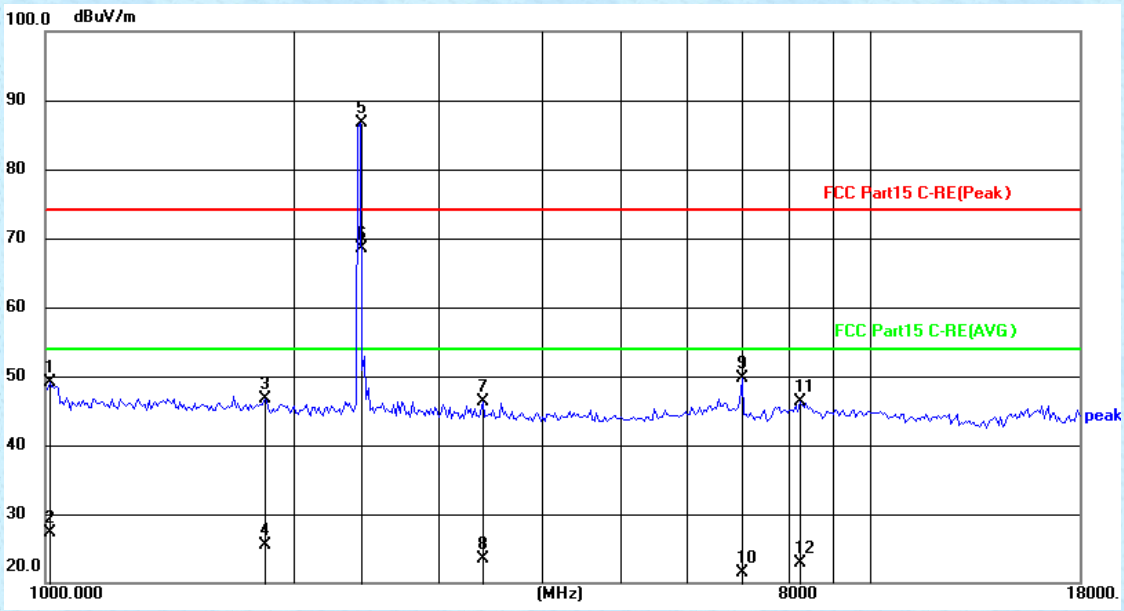
Vertical:

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	35.5112	28.24	-2.39	25.85	40.00	-14.15	QP
2	45.0951	30.70	-4.10	26.60	40.00	-13.40	QP
3	54.5167	35.00	-9.00	26.00	40.00	-14.00	QP
4	63.1857	37.78	-10.42	27.36	40.00	-12.64	QP
5	130.3048	33.66	-5.93	27.73	43.50	-15.77	QP
6	198.6424	29.99	-1.74	28.25	43.50	-15.25	QP

Above 1GHz

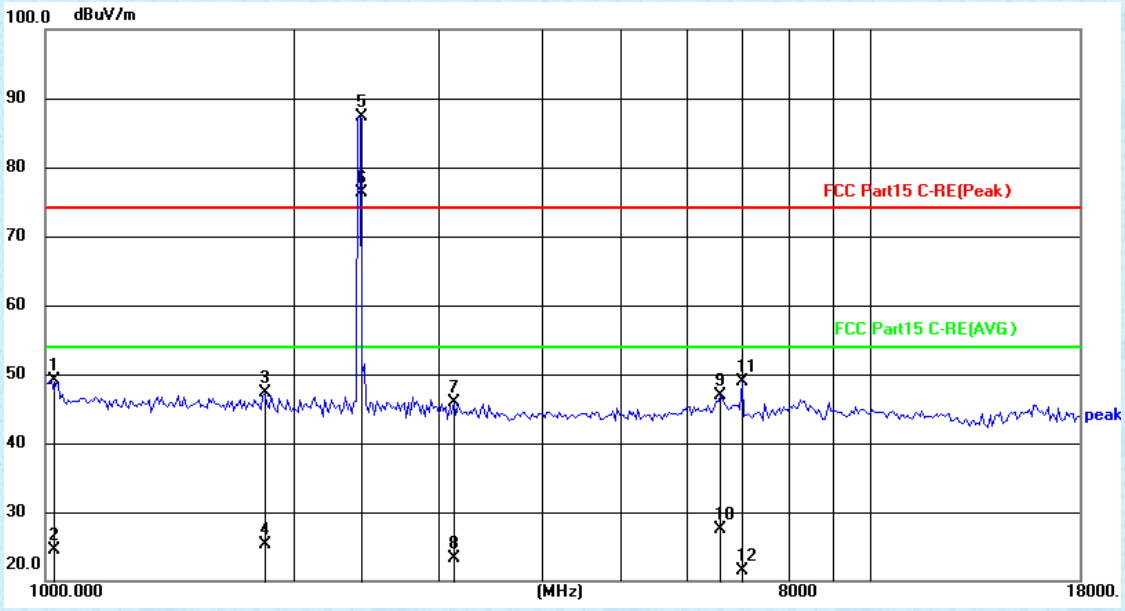
Test mode:	802.11b	Test channel:	Lowest

Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1011.652	47.49	1.58	49.07	74.00	-24.93	peak
2	1011.652	25.69	1.58	27.27	54.00	-26.73	AVG
3	1847.783	21.39	25.24	46.63	74.00	-27.37	peak
4	1847.783	0.29	25.24	25.53	54.00	-28.47	AVG
5	2411.946	60.42	26.36	86.78	74.00	12.78	peak
6	2411.946	42.21	26.36	68.57	54.00	14.57	AVG
7	3394.584	18.14	28.11	46.25	74.00	-27.75	peak
8	3394.584	-4.62	28.11	23.49	54.00	-30.51	AVG
9	7002.185	13.99	35.80	49.79	74.00	-24.21	peak
10	7002.185	-14.35	35.80	21.45	54.00	-32.55	AVG
11	8235.116	9.56	36.72	46.28	74.00	-27.72	peak
12	8235.116	-13.83	36.72	22.89	54.00	-31.11	AVG

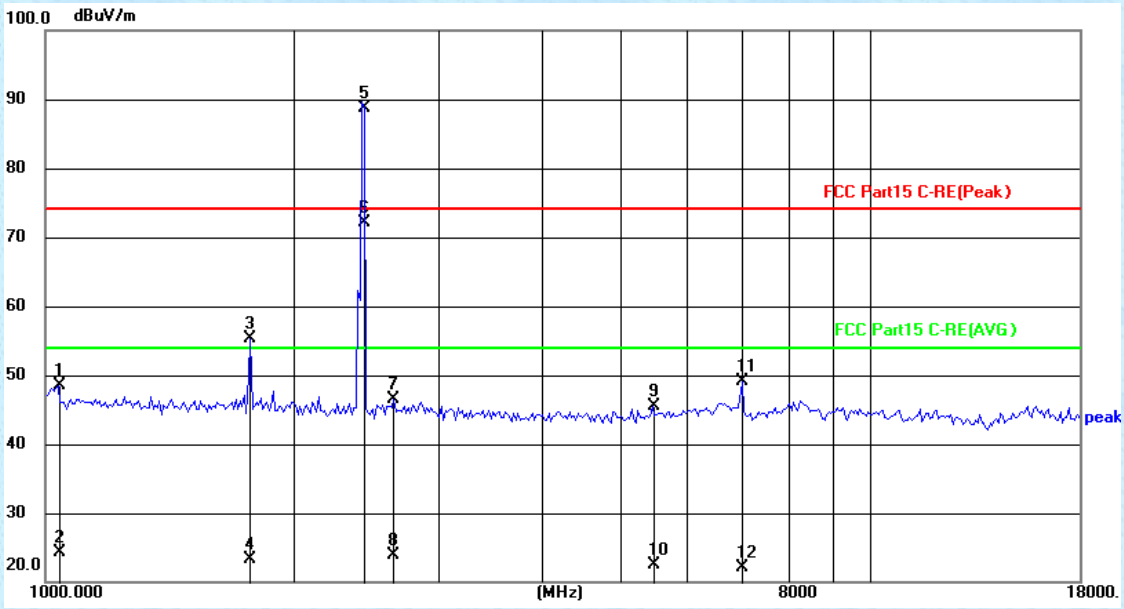
Vertical:



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	22.75	1.67	24.42	54.00	-29.58	AVG
3	1847.783	22.02	25.24	47.26	74.00	-26.74	peak
4	1847.783	0.00	25.24	25.24	54.00	-28.76	AVG
5	2411.946	60.85	26.36	87.21	74.00	13.21	peak
6	2411.946	50.02	26.36	76.38	54.00	22.38	AVG
7	3130.174	18.21	27.63	45.84	74.00	-28.16	peak
8	3130.174	-4.35	27.63	23.28	54.00	-30.72	AVG
9	6608.118	12.32	34.55	46.87	74.00	-27.13	peak
10	6608.118	-6.97	34.55	27.58	54.00	-26.42	AVG
11	7002.185	13.18	35.80	48.98	74.00	-25.02	peak
12	7002.185	-14.29	35.80	21.51	54.00	-32.49	AVG

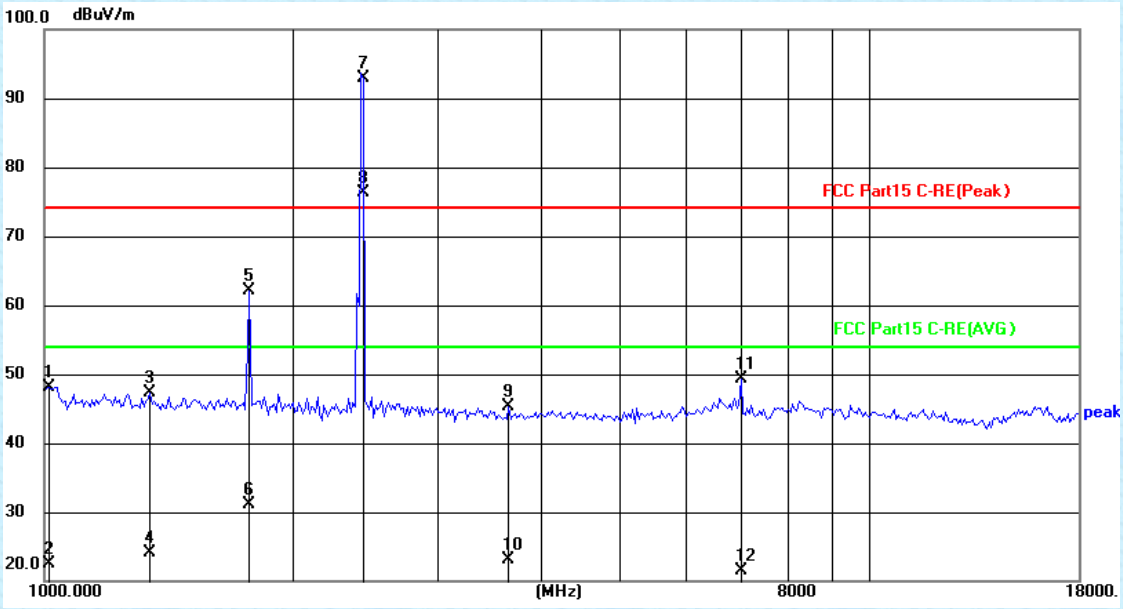
Test mode:	802.11b	Test channel:	Middle

Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1035.365	46.53	1.95	48.48	74.00	-25.52	peak
2	1035.365	22.44	1.95	24.39	54.00	-29.61	AVG
3	1774.361	30.32	25.02	55.34	74.00	-18.66	peak
4	1774.361	-1.62	25.02	23.40	54.00	-30.60	AVG
5	2437.000	62.28	26.40	88.68	74.00	14.68	peak
6	2437.000	45.74	26.40	72.14	54.00	18.14	AVG
7	2646.164	19.76	26.76	46.52	74.00	-27.48	peak
8	2646.164	-2.85	26.76	23.91	54.00	-30.09	AVG
9	5458.381	14.44	31.14	45.58	74.00	-28.42	peak
10	5458.381	-8.61	31.14	22.53	54.00	-31.47	AVG
11	7002.185	13.23	35.80	49.03	74.00	-24.97	peak
12	7002.185	-13.63	35.80	22.17	54.00	-31.83	AVG

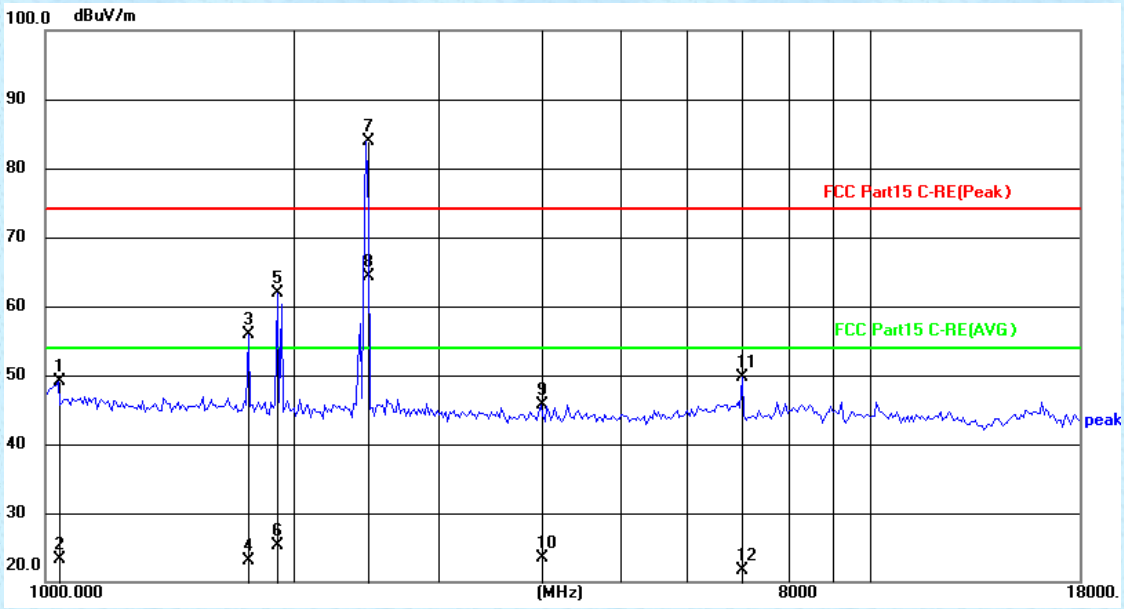
Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1011.652	46.52	1.58	48.10	74.00	-25.90	peak
2	1011.652	20.90	1.58	22.48	54.00	-31.52	AVG
3	1343.675	23.13	24.24	47.37	74.00	-26.63	peak
4	1343.675	-0.12	24.24	24.12	54.00	-29.88	AVG
5	1774.361	37.17	25.02	62.19	74.00	-11.81	peak
6	1774.361	6.15	25.02	31.17	54.00	-22.83	AVG
7	2437.000	66.46	26.40	92.86	74.00	18.86	peak
8	2437.000	49.98	26.40	76.38	54.00	22.38	AVG
9	3660.067	16.79	28.49	45.28	74.00	-28.72	peak
10	3660.067	-5.43	28.49	23.06	54.00	-30.94	AVG
11	7002.185	13.48	35.80	49.28	74.00	-24.72	peak
12	7002.185	-14.21	35.80	21.59	54.00	-32.41	AVG

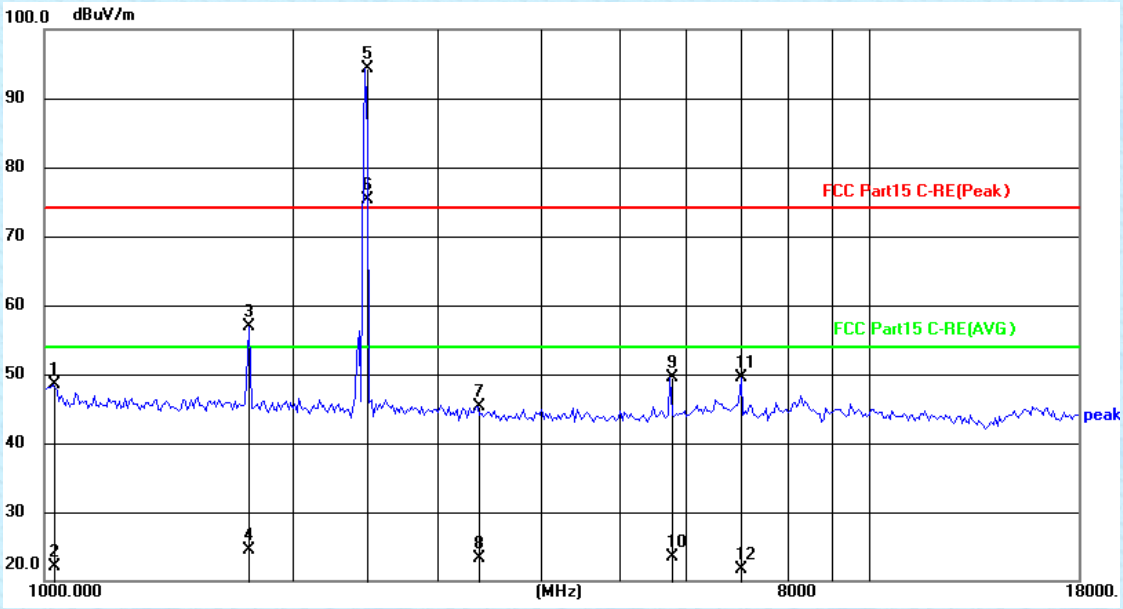
Test mode:	802.11b	Test channel:	Highest

Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1035.365	47.21	1.95	49.16	74.00	-24.84	peak
2	1035.365	21.41	1.95	23.36	54.00	-30.64	AVG
3	1764.113	30.92	24.99	55.91	74.00	-18.09	peak
4	1764.113	-1.84	24.99	23.15	54.00	-30.85	AVG
5	1913.130	36.46	25.44	61.90	74.00	-12.10	peak
6	1913.130	-0.06	25.44	25.38	54.00	-28.62	AVG
7	2462.000	57.40	26.44	83.84	74.00	9.84	peak
8	2462.000	37.83	26.44	64.27	54.00	10.27	AVG
9	3992.296	16.84	28.89	45.73	74.00	-28.27	peak
10	3992.296	-5.48	28.89	23.41	54.00	-30.59	AVG
11	7002.185	13.96	35.80	49.76	74.00	-24.24	peak
12	7002.185	-14.03	35.80	21.77	54.00	-32.23	AVG

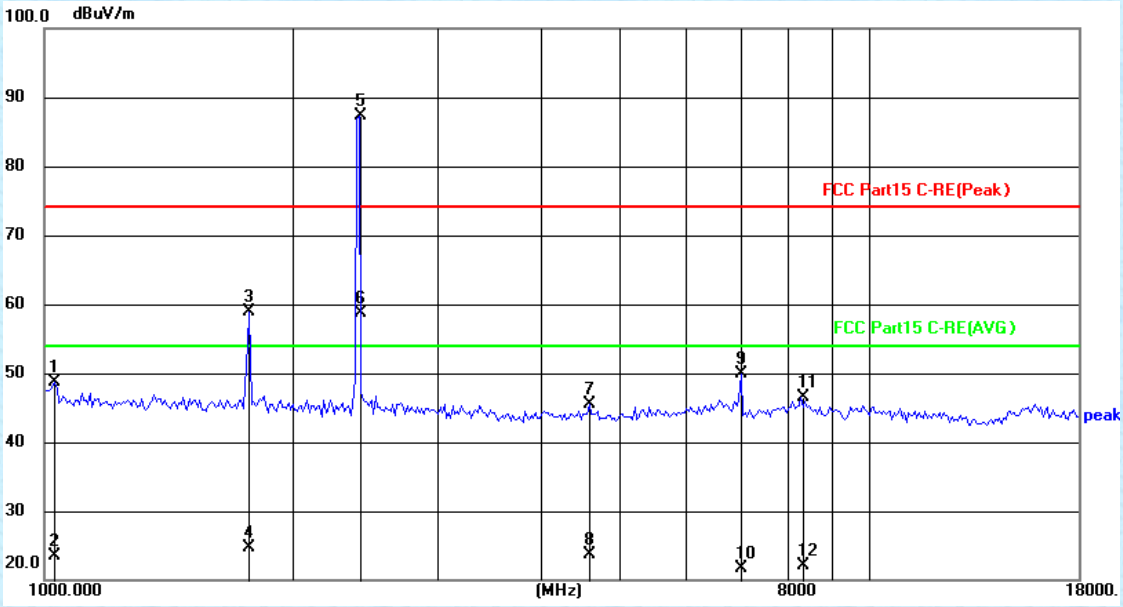
Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1023.440	46.76	1.76	48.52	74.00	-25.48	peak
2	1023.440	20.32	1.76	22.08	54.00	-31.92	AVG
3	1774.361	31.95	25.02	56.97	74.00	-17.03	peak
4	1774.361	-0.55	25.02	24.47	54.00	-29.53	AVG
5	2462.000	67.89	26.44	94.33	74.00	20.33	peak
6	2462.000	48.92	26.44	75.36	54.00	21.36	AVG
7	3355.486	17.34	28.04	45.38	74.00	-28.62	peak
8	3355.486	-4.66	28.04	23.38	54.00	-30.62	AVG
9	5750.479	17.57	31.95	49.52	74.00	-24.48	peak
10	5750.479	-8.53	31.95	23.42	54.00	-30.58	AVG
11	7002.185	13.63	35.80	49.43	74.00	-24.57	peak
12	7002.185	-14.01	35.80	21.79	54.00	-32.21	AVG

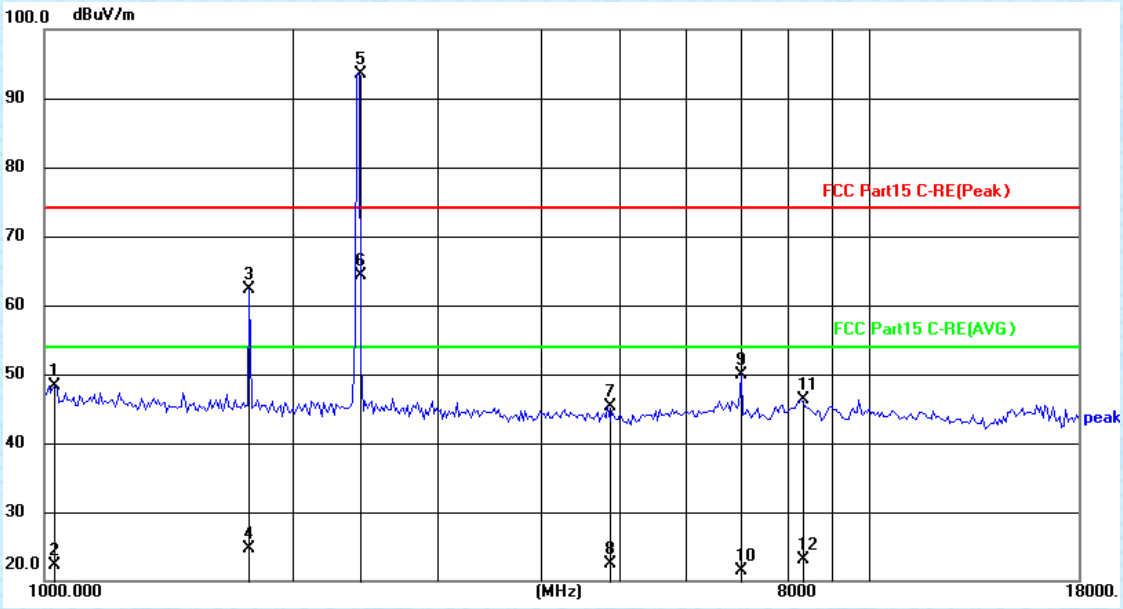
Test mode:	802.11g	Test channel:	lowest

Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1029.385	46.92	1.86	48.78	74.00	-25.22	peak
2	1029.385	21.61	1.86	23.47	54.00	-30.53	AVG
3	1774.361	33.85	25.02	58.87	74.00	-15.13	peak
4	1774.361	-0.27	25.02	24.75	54.00	-29.25	AVG
5	2411.946	60.91	26.36	87.27	74.00	13.27	peak
6	2411.946	32.38	26.36	58.74	54.00	4.74	AVG
7	4587.716	15.85	29.59	45.44	74.00	-28.56	peak
8	4587.716	-5.95	29.59	23.64	54.00	-30.36	AVG
9	7002.185	14.07	35.80	49.87	74.00	-24.13	peak
10	7002.185	-14.01	35.80	21.79	54.00	-32.21	AVG
11	8282.955	9.68	36.73	46.41	74.00	-27.59	peak
12	8282.955	-14.61	36.73	22.12	54.00	-31.88	AVG

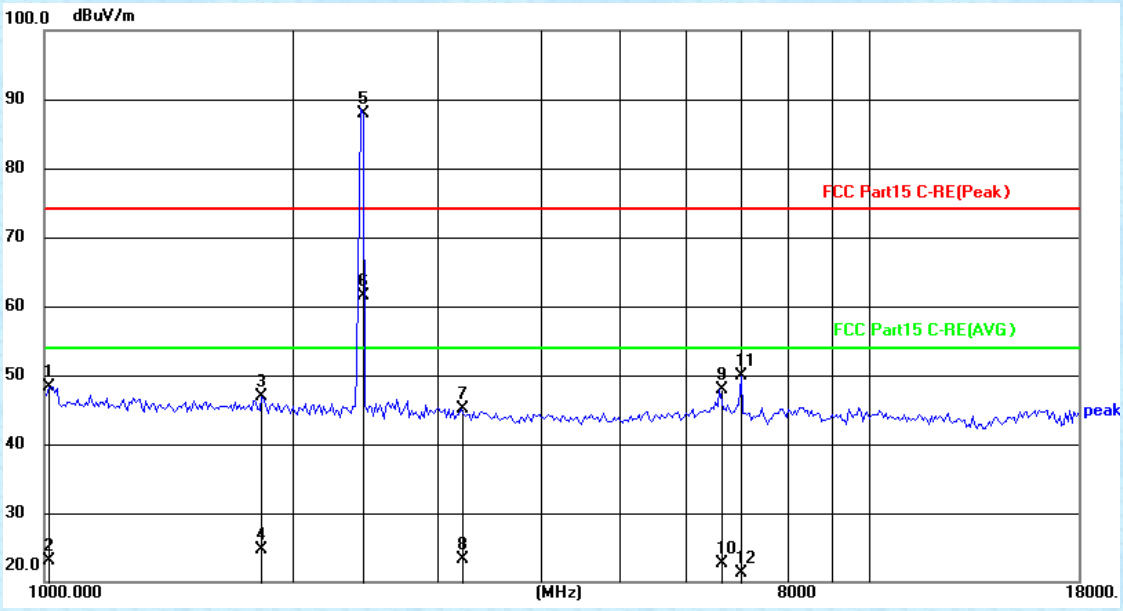
Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1029.385	46.54	1.86	48.40	74.00	-25.60	peak
2	1029.385	20.40	1.86	22.26	54.00	-31.74	AVG
3	1774.361	37.30	25.02	62.32	74.00	-11.68	peak
4	1774.361	-0.36	25.02	24.66	54.00	-29.34	AVG
5	2411.946	67.07	26.36	93.43	74.00	19.43	peak
6	2411.946	37.85	26.36	64.21	54.00	10.21	AVG
7	4833.222	15.14	30.13	45.27	74.00	-28.73	peak
8	4833.222	-7.62	30.13	22.51	54.00	-31.49	AVG
9	7002.185	14.14	35.80	49.94	74.00	-24.06	peak
10	7002.185	-14.38	35.80	21.42	54.00	-32.58	AVG
11	8282.955	9.61	36.73	46.34	74.00	-27.66	peak
12	8282.955	-13.54	36.73	23.19	54.00	-30.81	AVG

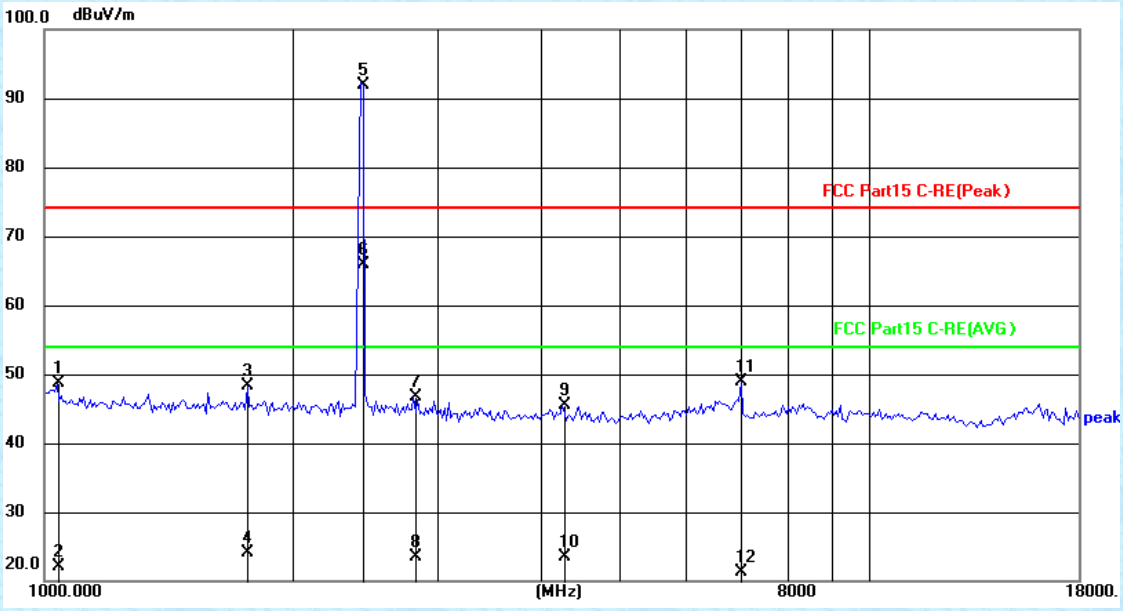
Test mode:	802.11g	Test channel:	Middle

Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1011.652	46.80	1.58	48.38	74.00	-25.62	peak
2	1011.652	21.57	1.58	23.15	54.00	-30.85	AVG
3	1837.111	21.74	25.21	46.95	74.00	-27.05	peak
4	1837.111	-0.59	25.21	24.62	54.00	-29.38	AVG
5	2437.000	61.50	26.40	87.90	74.00	13.90	peak
6	2437.000	35.01	26.40	61.41	54.00	7.41	AVG
7	3203.545	17.32	27.77	45.09	74.00	-28.91	peak
8	3203.545	-4.49	27.77	23.28	54.00	-30.72	AVG
9	6608.119	13.38	34.55	47.93	74.00	-26.07	peak
10	6608.119	-11.92	34.55	22.63	54.00	-31.37	AVG
11	7002.185	14.11	35.80	49.91	74.00	-24.09	peak
12	7002.185	-14.45	35.80	21.35	54.00	-32.65	AVG

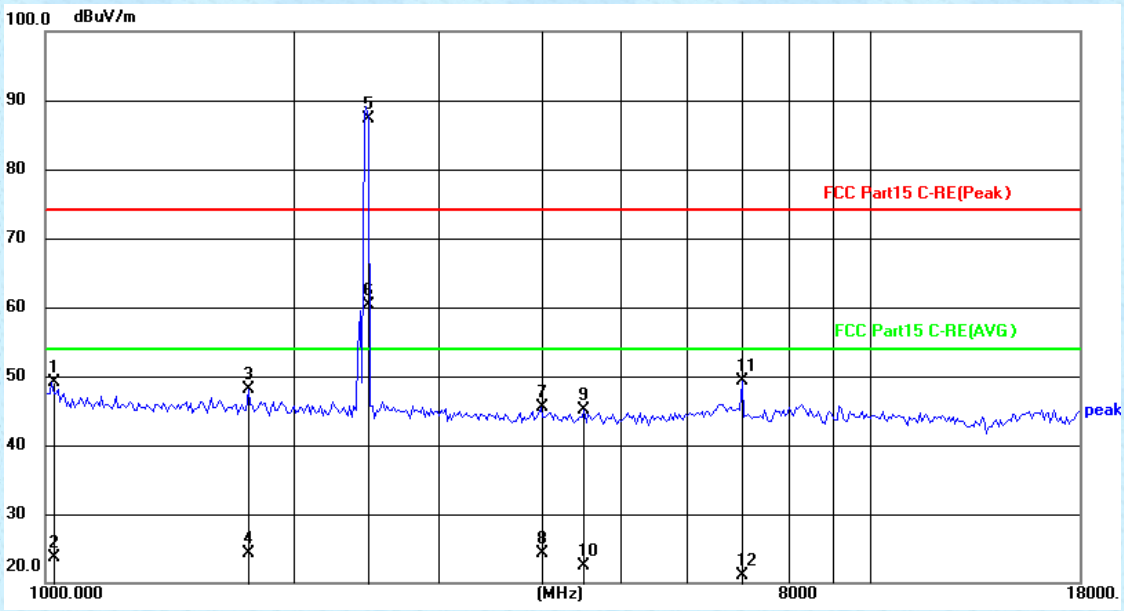
Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1035.365	46.67	1.95	48.62	74.00	-25.38	peak
2	1035.365	20.13	1.95	22.08	54.00	-31.92	AVG
3	1764.113	23.31	24.99	48.30	74.00	-25.70	peak
4	1764.113	-0.82	24.99	24.17	54.00	-29.83	AVG
5	2437.000	65.51	26.40	91.91	74.00	17.91	peak
6	2437.000	39.44	26.40	65.84	54.00	11.84	AVG
7	2803.965	19.61	27.05	46.66	74.00	-27.34	peak
8	2803.965	-3.51	27.05	23.54	54.00	-30.46	AVG
9	4254.946	16.26	29.15	45.41	74.00	-28.59	peak
10	4254.946	-5.59	29.15	23.56	54.00	-30.44	AVG
11	7002.185	13.14	35.80	48.94	74.00	-25.06	peak
12	7002.185	-14.42	35.80	21.38	54.00	-32.62	AVG

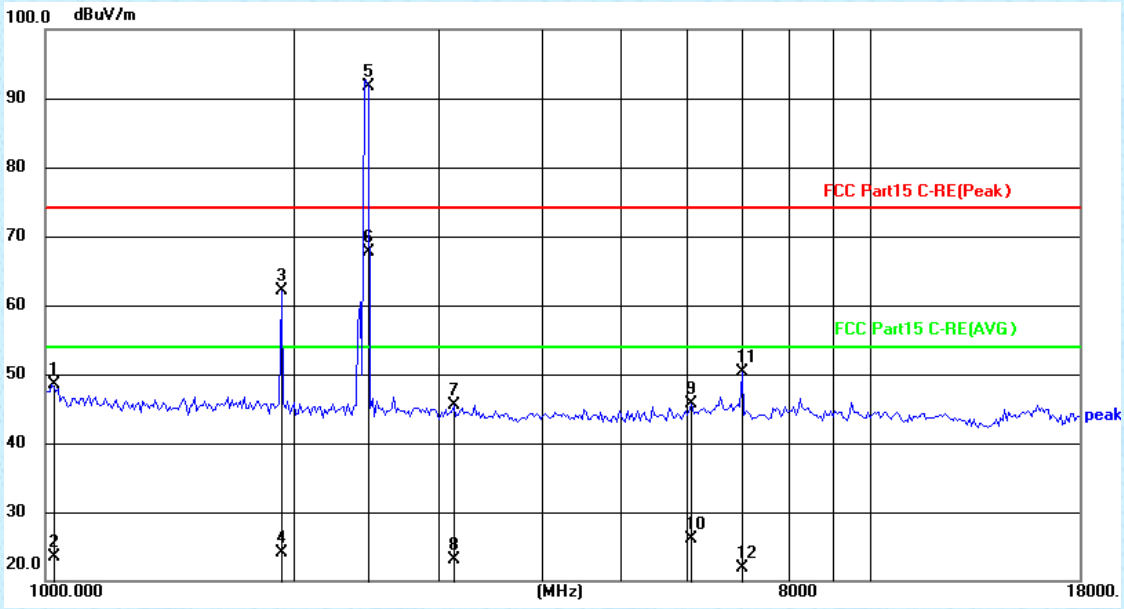
Test mode:	802.11g	Test channel:	Highest

Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1017.529	47.38	1.67	49.05	74.00	-24.95	peak
2	1017.529	22.07	1.67	23.74	54.00	-30.26	AVG
3	1764.113	23.19	24.99	48.18	74.00	-25.82	peak
4	1764.113	-0.70	24.99	24.29	54.00	-29.71	AVG
5	2462.000	60.94	26.44	87.38	74.00	13.38	peak
6	2462.000	33.85	26.44	60.29	54.00	6.29	AVG
7	3992.296	16.71	28.89	45.60	74.00	-28.40	peak
8	3992.296	-4.58	28.89	24.31	54.00	-29.69	AVG
9	4508.684	15.74	29.42	45.16	74.00	-28.84	peak
10	4508.684	-6.87	29.42	22.55	54.00	-31.45	AVG
11	7002.185	13.48	35.80	49.28	74.00	-24.72	peak
12	7002.185	-14.64	35.80	21.16	54.00	-32.84	AVG

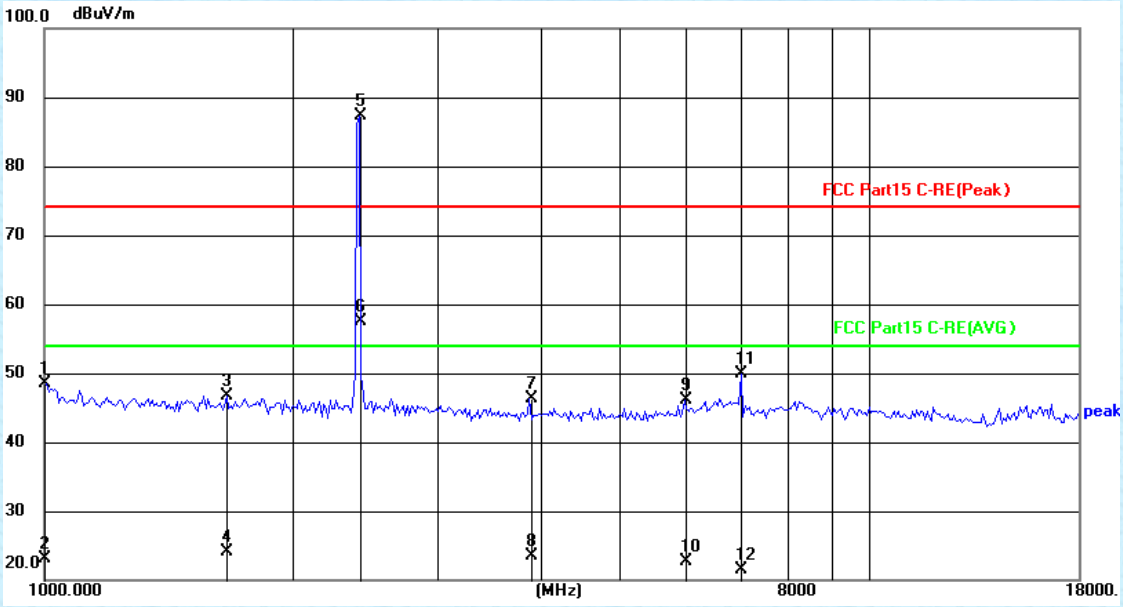
Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1017.529	46.77	1.67	48.44	74.00	-25.56	peak
2	1017.529	21.90	1.67	23.57	54.00	-30.43	AVG
3	1935.422	36.52	25.51	62.03	74.00	-11.97	peak
4	1935.422	-1.36	25.51	24.15	54.00	-29.85	AVG
5	2462.000	65.24	26.44	91.68	74.00	17.68	peak
6	2462.000	41.17	26.44	67.61	54.00	13.61	AVG
7	3130.174	17.93	27.63	45.56	74.00	-28.44	peak
8	3130.174	-4.48	27.63	23.15	54.00	-30.85	AVG
9	6093.401	12.72	32.98	45.70	74.00	-28.30	peak
10	6093.401	-6.88	32.98	26.10	54.00	-27.90	AVG
11	7002.185	14.44	35.80	50.24	74.00	-23.76	peak
12	7002.185	-13.99	35.80	21.81	54.00	-32.19	AVG

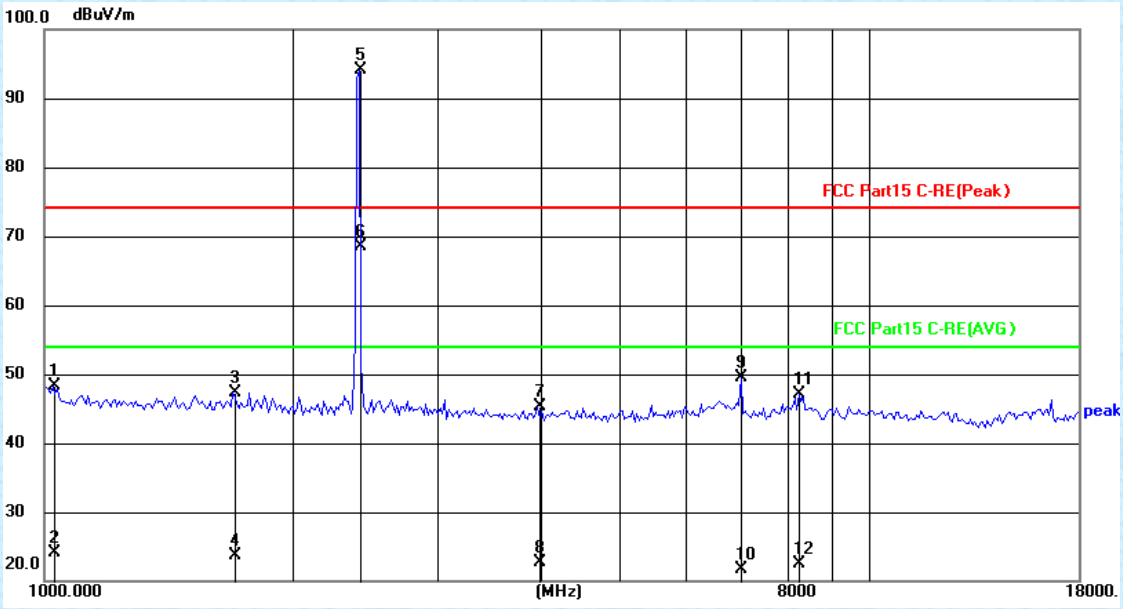
Test mode:	802.11n(HT20)	Test channel:	Lowest

Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1005.809	47.01	1.49	48.50	74.00	-25.50	peak
2	1005.809	21.67	1.49	23.16	54.00	-30.84	AVG
3	1664.833	21.97	24.69	46.66	74.00	-27.34	peak
4	1664.833	-0.63	24.69	24.06	54.00	-29.94	AVG
5	2411.946	60.89	26.36	87.25	74.00	13.25	peak
6	2411.946	31.05	26.36	57.41	54.00	3.41	AVG
7	3878.331	17.63	28.75	46.38	74.00	-27.62	peak
8	3878.331	-5.32	28.75	23.43	54.00	-30.57	AVG
9	5988.431	13.34	32.67	46.01	74.00	-27.99	peak
10	5988.431	-10.00	32.67	22.67	54.00	-31.33	AVG
11	7002.185	14.14	35.80	49.94	74.00	-24.06	peak
12	7002.185	-14.39	35.80	21.41	54.00	-32.59	AVG

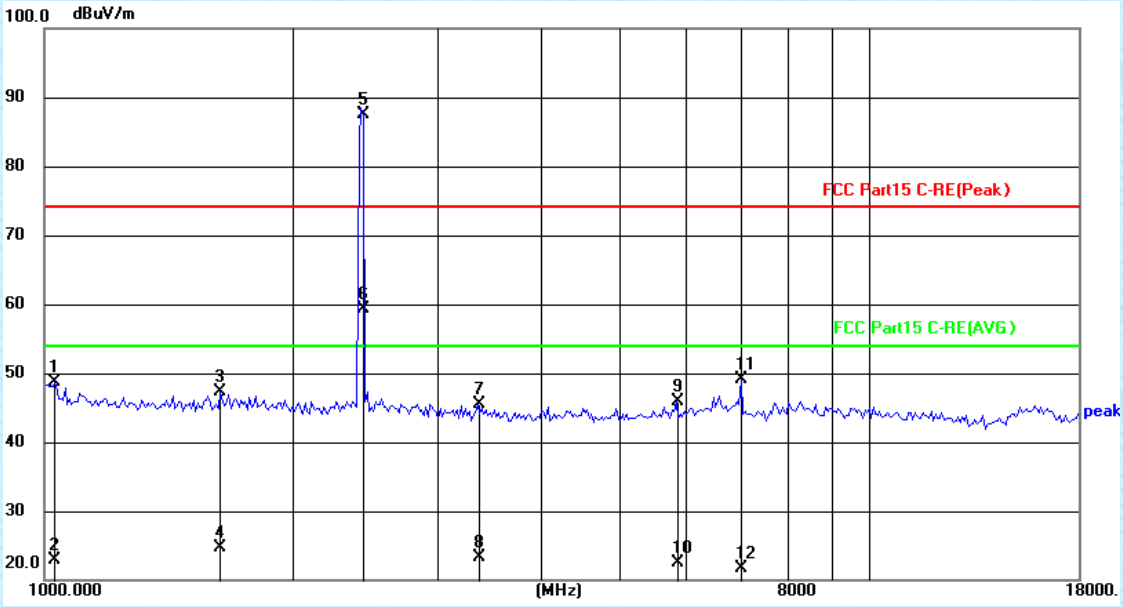
Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1023.440	46.45	1.76	48.21	74.00	-25.79	peak
2	1023.440	22.42	1.76	24.18	54.00	-29.82	AVG
3	1694.016	22.62	24.78	47.40	74.00	-26.60	peak
4	1694.016	-1.16	24.78	23.62	54.00	-30.38	AVG
5	2411.946	67.70	26.36	94.06	74.00	20.06	peak
6	2411.946	42.10	26.36	68.46	54.00	14.46	AVG
7	3969.238	16.48	28.86	45.34	74.00	-28.66	peak
8	3969.238	-6.10	28.86	22.76	54.00	-31.24	AVG
9	7002.185	13.72	35.80	49.52	74.00	-24.48	peak
10	7002.185	-14.06	35.80	21.74	54.00	-32.26	AVG
11	8235.116	10.29	36.72	47.01	74.00	-26.99	peak
12	8235.116	-14.14	36.72	22.58	54.00	-31.42	AVG

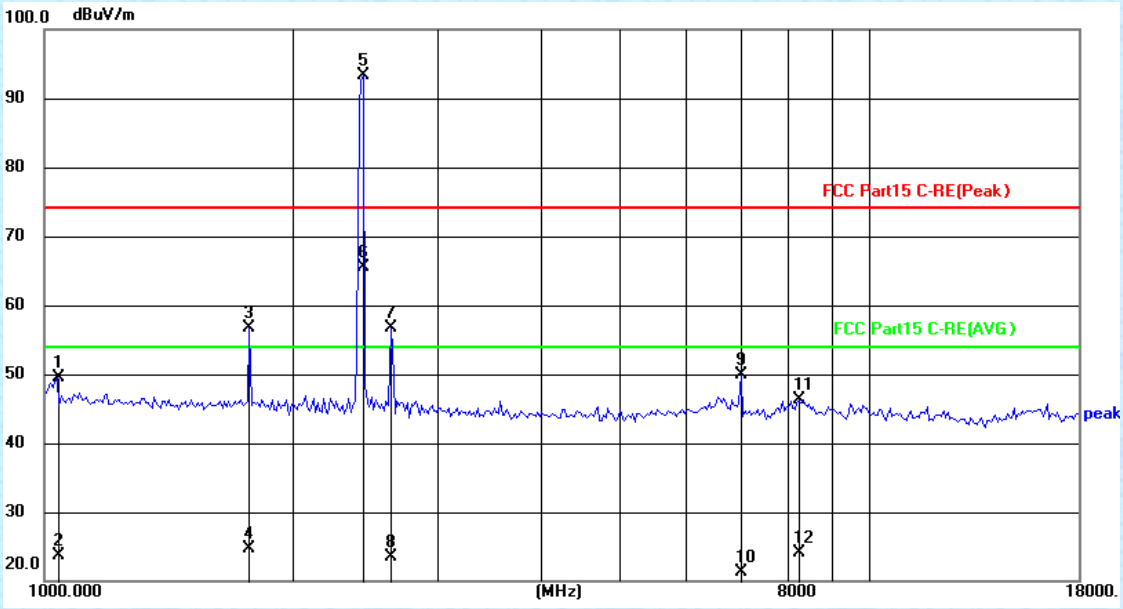
Test mode:	802.11n(HT20)	Test channel:	Middle

Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1029.385	46.84	1.86	48.70	74.00	-25.30	peak
2	1029.385	20.95	1.86	22.81	54.00	-31.19	AVG
3	1636.153	22.60	24.61	47.21	74.00	-26.79	peak
4	1636.153	0.07	24.61	24.68	54.00	-29.32	AVG
5	2437.000	61.09	26.40	87.49	74.00	13.49	peak
6	2437.000	32.87	26.40	59.27	54.00	5.27	AVG
7	3355.486	17.39	28.04	45.43	74.00	-28.57	peak
8	3355.486	-4.78	28.04	23.26	54.00	-30.74	AVG
9	5851.278	13.73	32.25	45.98	74.00	-28.02	peak
10	5851.278	-9.83	32.25	22.42	54.00	-31.58	AVG
11	7002.185	13.27	35.80	49.07	74.00	-24.93	peak
12	7002.185	-14.04	35.80	21.76	54.00	-32.24	AVG

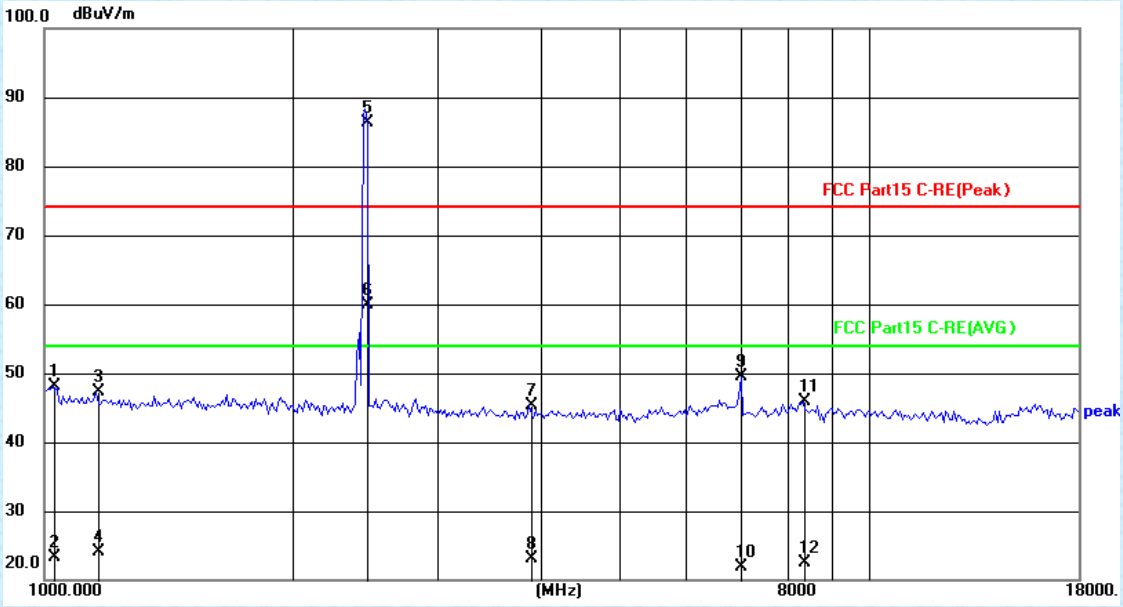
Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1035.365	47.49	1.95	49.44	74.00	-24.56	peak
2	1035.365	21.77	1.95	23.72	54.00	-30.28	AVG
3	1774.361	31.66	25.02	56.68	74.00	-17.32	peak
4	1774.361	-0.29	25.02	24.73	54.00	-29.27	AVG
5	2437.000	66.91	26.40	93.31	74.00	19.31	peak
6	2437.000	39.02	26.40	65.42	54.00	11.42	AVG
7	2630.881	30.03	26.74	56.77	74.00	-17.23	peak
8	2630.881	-3.20	26.74	23.54	54.00	-30.46	AVG
9	7002.185	14.07	35.80	49.87	74.00	-24.13	peak
10	7002.185	-14.43	35.80	21.37	54.00	-32.63	AVG
11	8235.116	9.62	36.72	46.34	74.00	-27.66	peak
12	8235.116	-12.55	36.72	24.17	54.00	-29.83	AVG

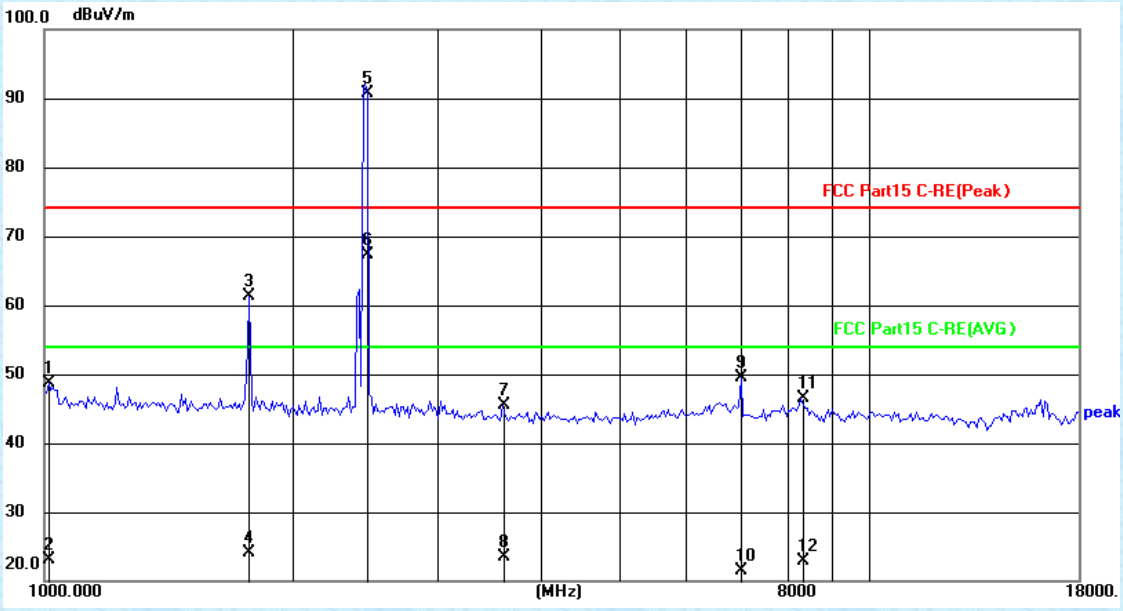
Test mode:	802.11n(HT20)	Test channel:	Highest

Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1023.440	46.34	1.76	48.10	74.00	-25.90	peak
2	1023.440	21.62	1.76	23.38	54.00	-30.62	AVG
3	1155.818	23.24	23.97	47.21	74.00	-26.79	peak
4	1155.818	0.22	23.97	24.19	54.00	-29.81	AVG
5	2462.000	59.92	26.44	86.36	74.00	12.36	peak
6	2462.000	33.46	26.44	59.90	54.00	5.90	AVG
7	3878.331	16.47	28.75	45.22	74.00	-28.78	peak
8	3878.331	-5.59	28.75	23.16	54.00	-30.84	AVG
9	7002.185	13.69	35.80	49.49	74.00	-24.51	peak
10	7002.185	-13.93	35.80	21.87	54.00	-32.13	AVG
11	8331.072	9.12	36.73	45.85	74.00	-28.15	peak
12	8331.072	-14.21	36.73	22.52	54.00	-31.48	AVG

Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1011.652	47.20	1.58	48.78	74.00	-25.22	peak
2	1011.652	21.54	1.58	23.12	54.00	-30.88	AVG
3	1774.361	36.28	25.02	61.30	74.00	-12.70	peak
4	1774.361	-0.91	25.02	24.11	54.00	-29.89	AVG
5	2462.000	64.21	26.44	90.65	74.00	16.65	peak
6	2462.000	40.85	26.44	67.29	54.00	13.29	AVG
7	3597.016	17.00	28.42	45.42	74.00	-28.58	peak
8	3597.016	-4.96	28.42	23.46	54.00	-30.54	AVG
9	7002.185	13.75	35.80	49.55	74.00	-24.45	peak
10	7002.185	-14.23	35.80	21.57	54.00	-32.43	AVG
11	8282.955	9.76	36.73	46.49	74.00	-27.51	peak
12	8282.955	-13.88	36.73	22.85	54.00	-31.15	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------