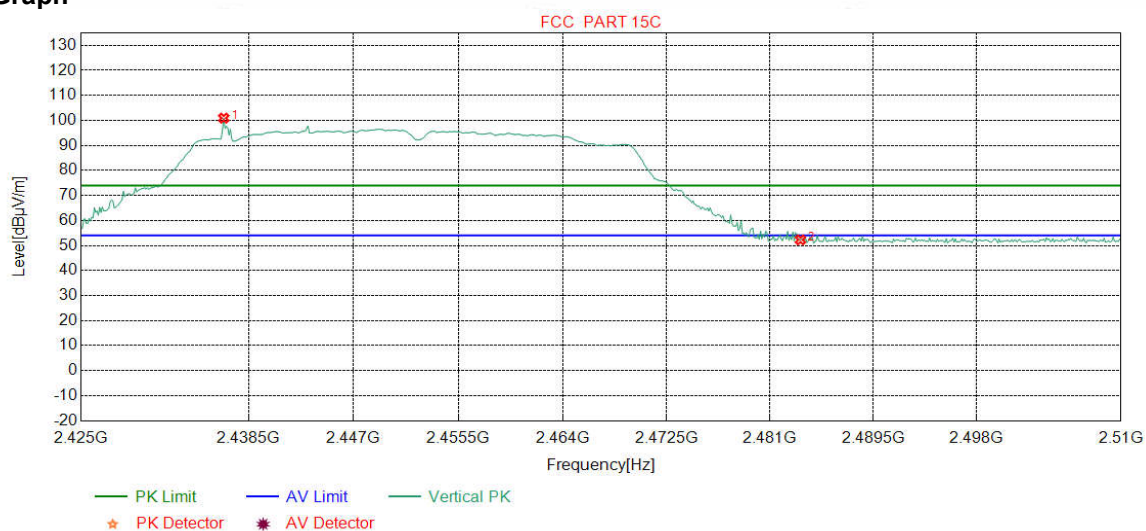


Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2452
Remark:	PK		

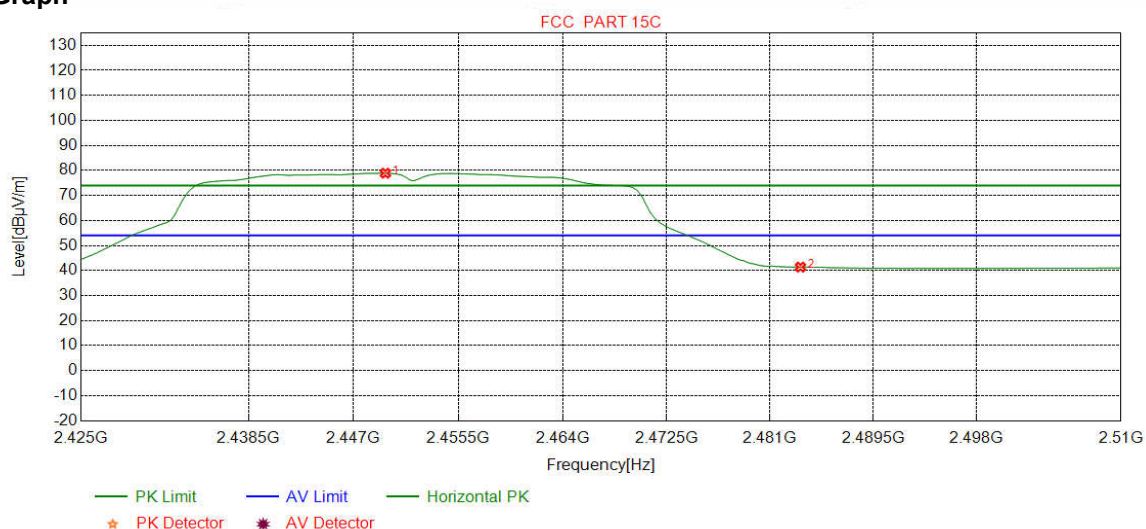
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2436.4894	32.31	13.47	-43.11	98.24	100.91	74.00	-26.91	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	49.61	52.26	74.00	21.74	Pass	Vertical

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2452
Remark:	AV		

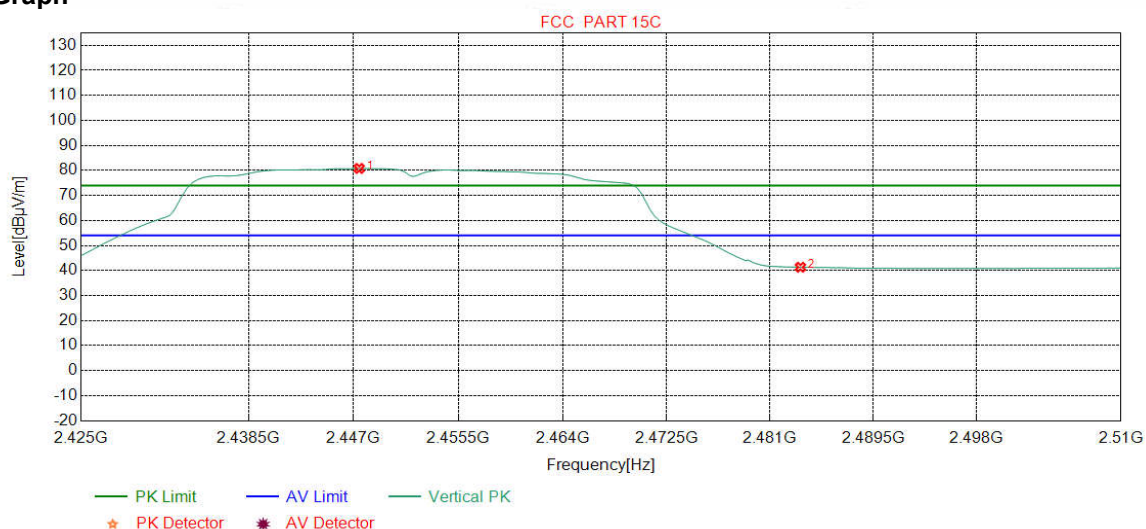
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2449.5745	32.33	13.53	-43.11	76.15	78.90	54.00	-24.90	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	38.73	41.38	54.00	12.62	Pass	Horizontal

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2452
Remark:	AV		

Test Graph

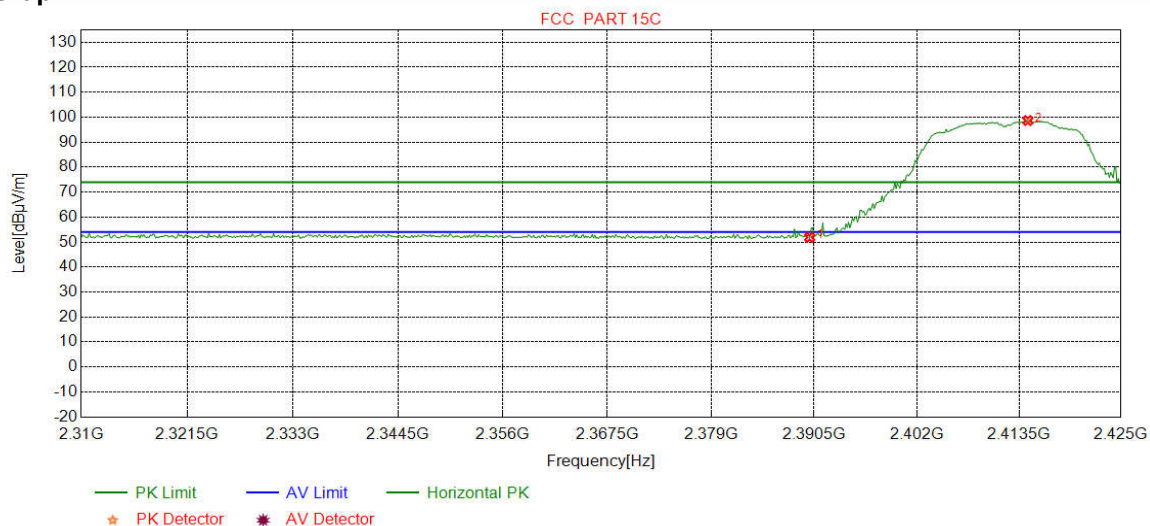


NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2447.4468	32.33	13.52	-43.12	78.08	80.81	54.00	-26.81	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	38.67	41.32	54.00	12.68	Pass	Vertical

MIMO:

Mode:	802.11 n(HT20) (6.5Mbps) Transmitting	Channel:	2412
Remark:	PK		

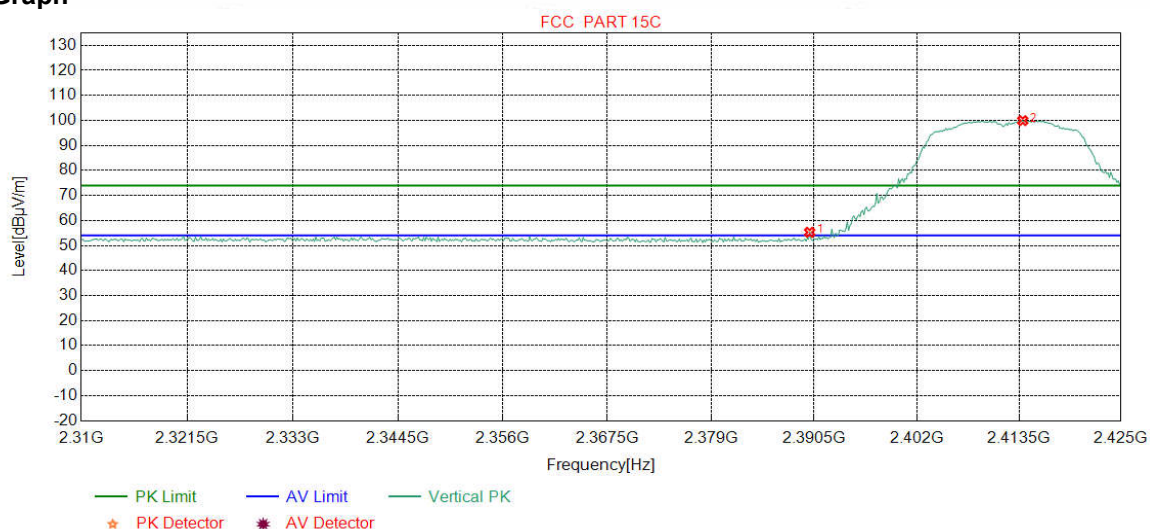
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	49.36	51.86	74.00	22.14	Pass	Horizontal
2	2414.4931	32.28	13.37	-43.12	96.12	98.65	74.00	-24.65	Pass	Horizontal

Mode:	802.11 n(HT20) (6.5Mbps) Transmitting	Channel:	2412
Remark:	PK		

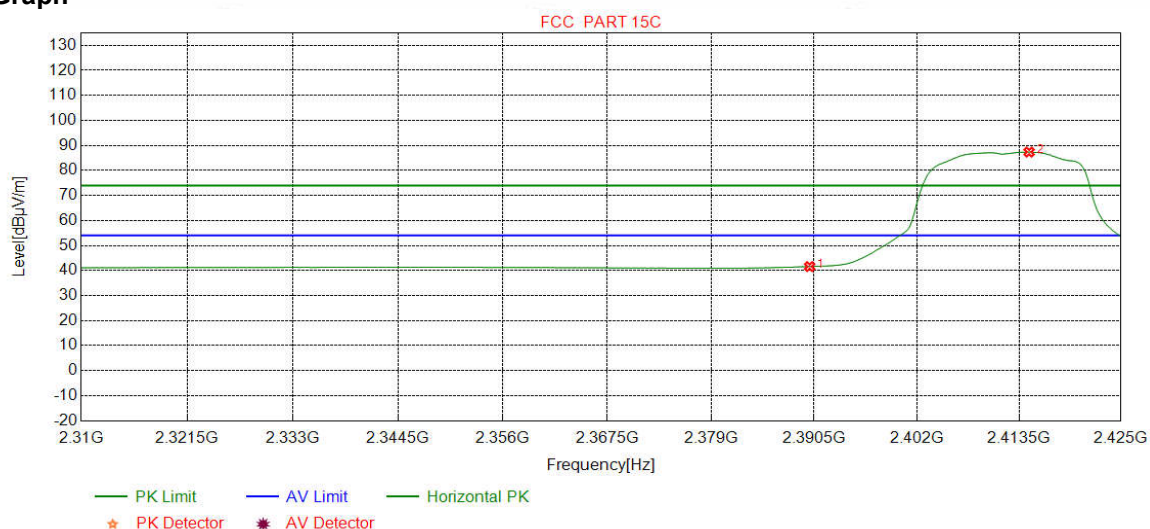
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	52.80	55.30	74.00	18.70	Pass	Vertical
2	2413.9174	32.28	13.36	-43.11	97.37	99.90	74.00	-25.90	Pass	Vertical

Mode:	802.11 n(HT20) (6.5Mbps) Transmitting	Channel:	2412
Remark:	AV		

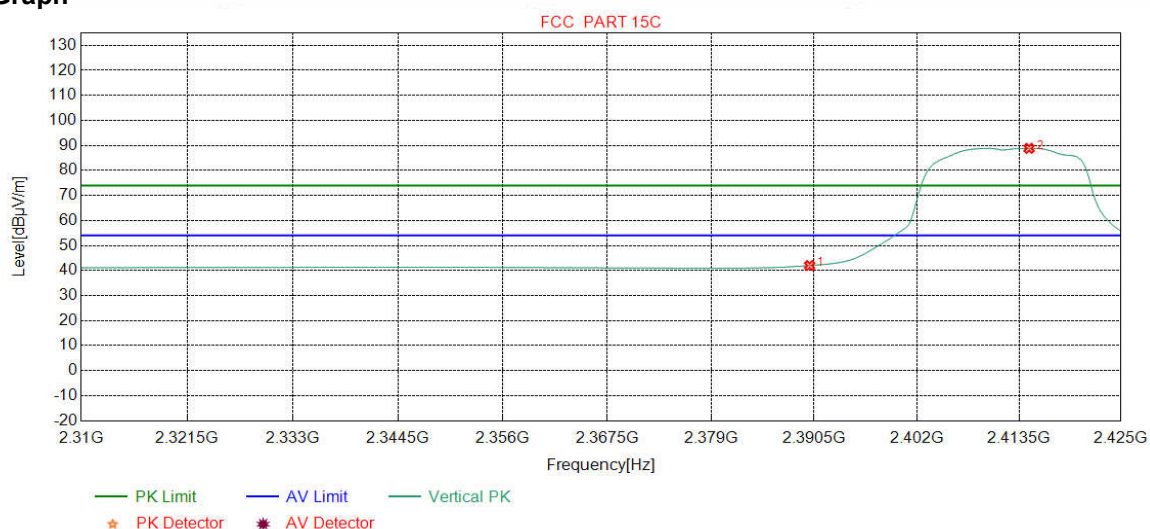
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	39.08	41.58	54.00	12.42	Pass	Horizontal
2	2414.6370	32.28	13.37	-43.12	84.82	87.35	54.00	-33.35	Pass	Horizontal

Mode:	802.11 n(HT20) (6.5Mbps) Transmitting	Channel:	2412
Remark:	AV		

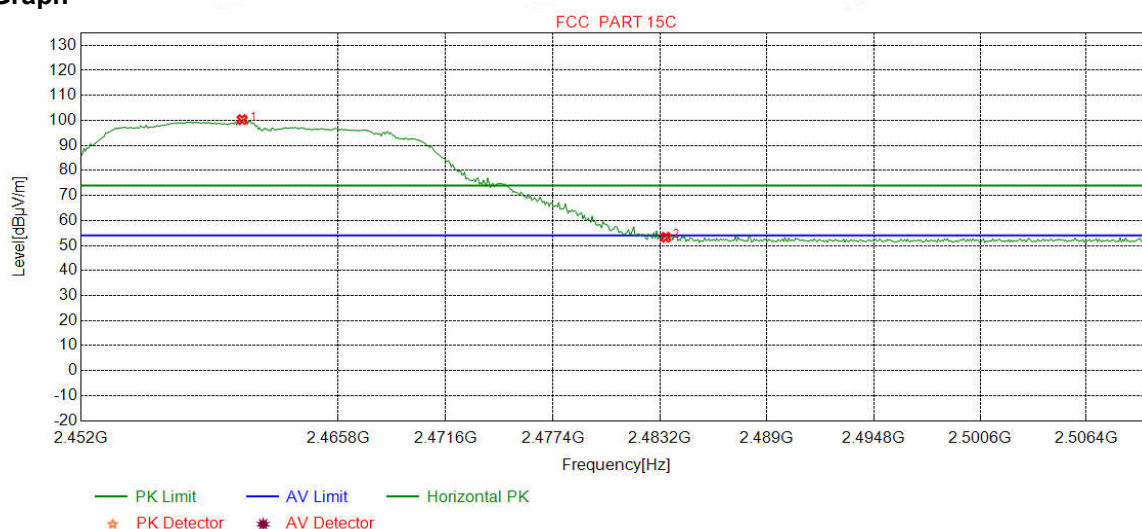
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	39.49	41.99	54.00	12.01	Pass	Vertical
2	2414.6370	32.28	13.37	-43.12	86.30	88.83	54.00	-34.83	Pass	Vertical

Mode:	802.11 n(HT20) (6.5Mbps) Transmitting	Channel:	2462
Remark:	PK		

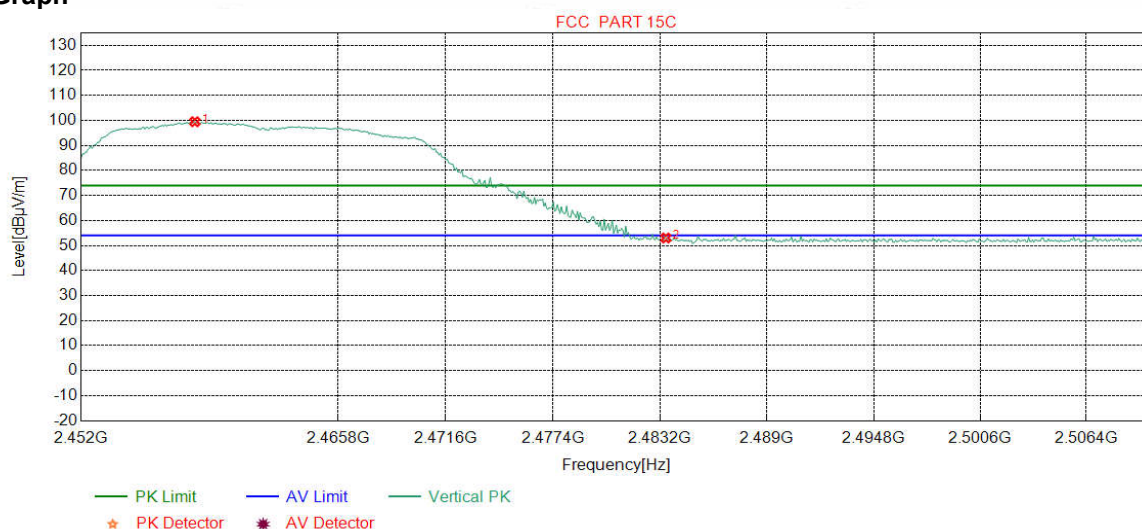
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2460.6383	32.34	13.48	-43.10	97.58	100.30	74.00	-26.30	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	50.64	53.29	74.00	20.71	Pass	Horizontal

Mode:	802.11 n(HT20) (6.5Mbps) Transmitting	Channel:	2462
Remark:	PK		

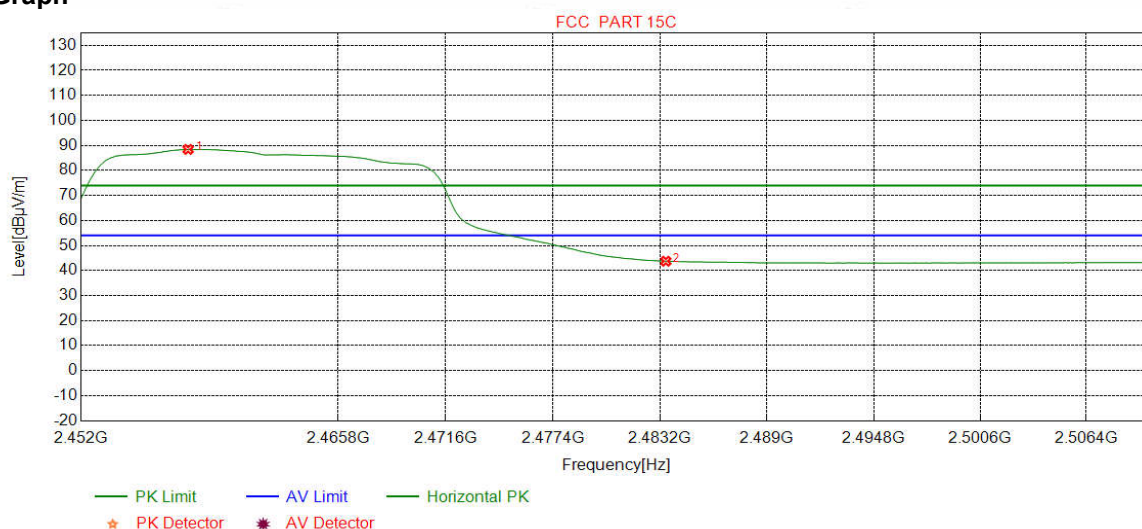
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2458.0976	32.34	13.49	-43.10	96.74	99.47	74.00	-25.47	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	50.35	53.00	74.00	21.00	Pass	Vertical

Mode:	802.11 n(HT20) (6.5Mbps) Transmitting	Channel:	2462
Remark:	AV		

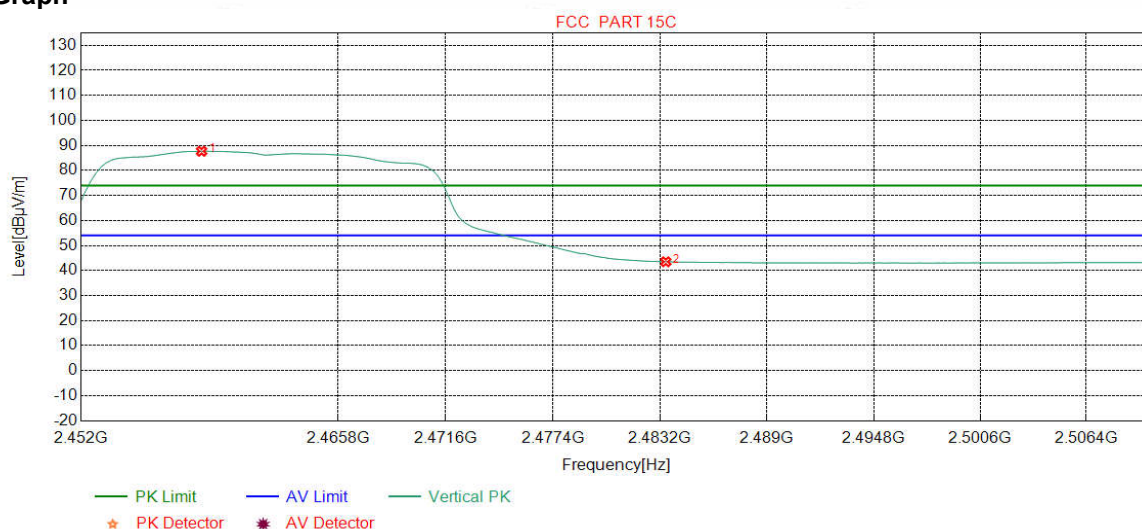
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2457.7347	32.34	13.49	-43.10	85.67	88.40	54.00	-34.40	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	41.07	43.72	54.00	10.28	Pass	Horizontal

Mode:	802.11 n(HT20) (6.5Mbps) Transmitting	Channel:	2462
Remark:	AV		

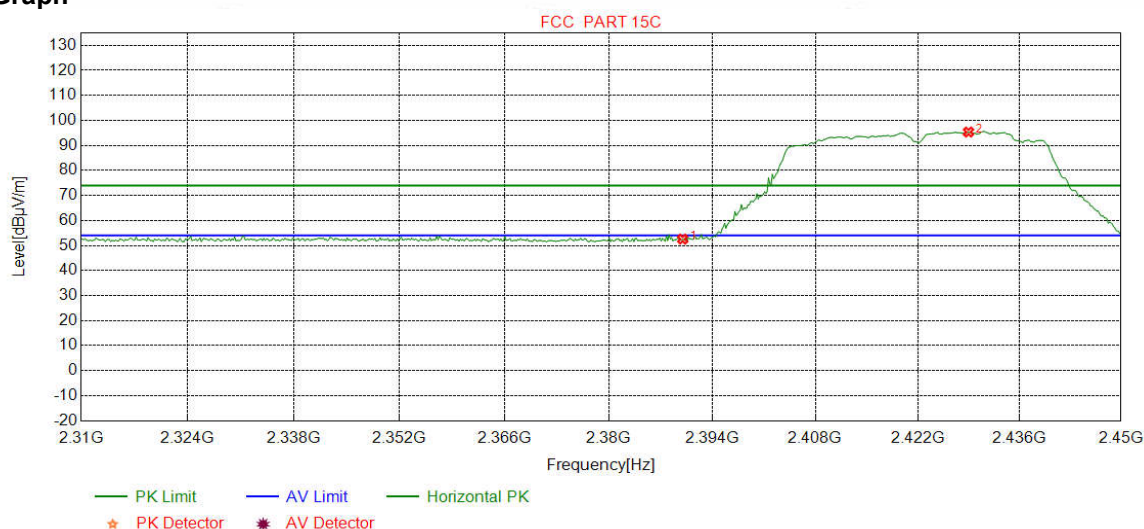
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2458.4606	32.34	13.49	-43.11	84.94	87.66	54.00	-33.66	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	40.86	43.51	54.00	10.49	Pass	Vertical

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2422
Remark:	PK		

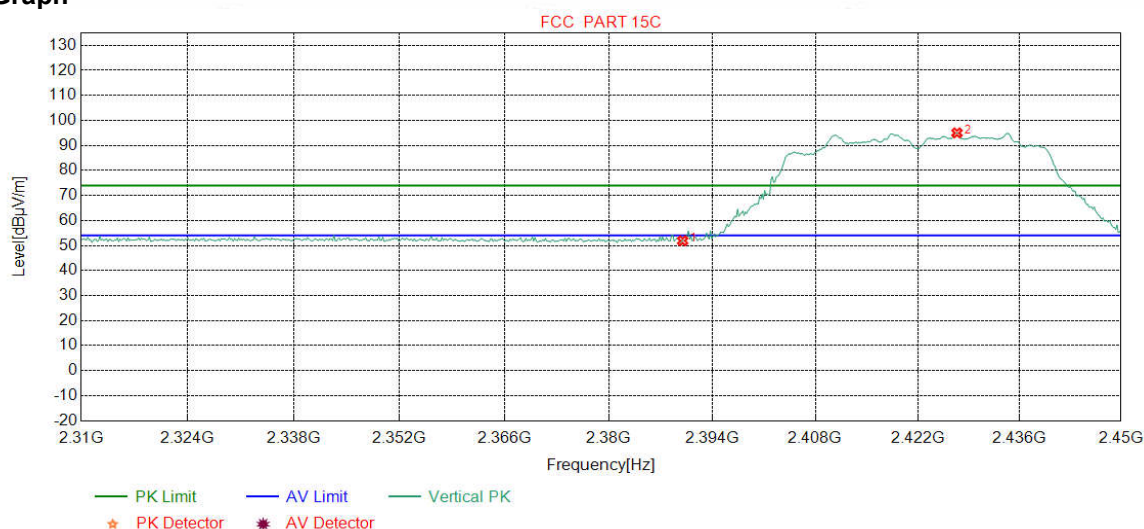
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	50.05	52.55	74.00	21.45	Pass	Horizontal
2	2428.9737	32.30	13.43	-43.11	92.74	95.36	74.00	-21.36	Pass	Horizontal

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2422
Remark:	PK		

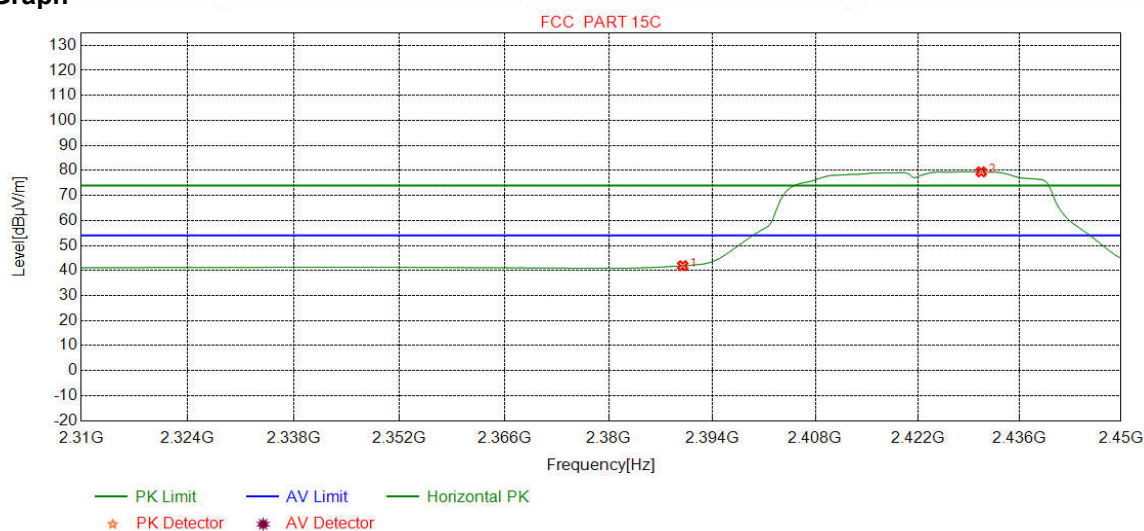
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	49.40	51.90	74.00	22.10	Pass	Vertical
2	2427.3967	32.30	13.43	-43.12	92.41	95.02	74.00	-21.02	Pass	Vertical

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2422
Remark:	AV		

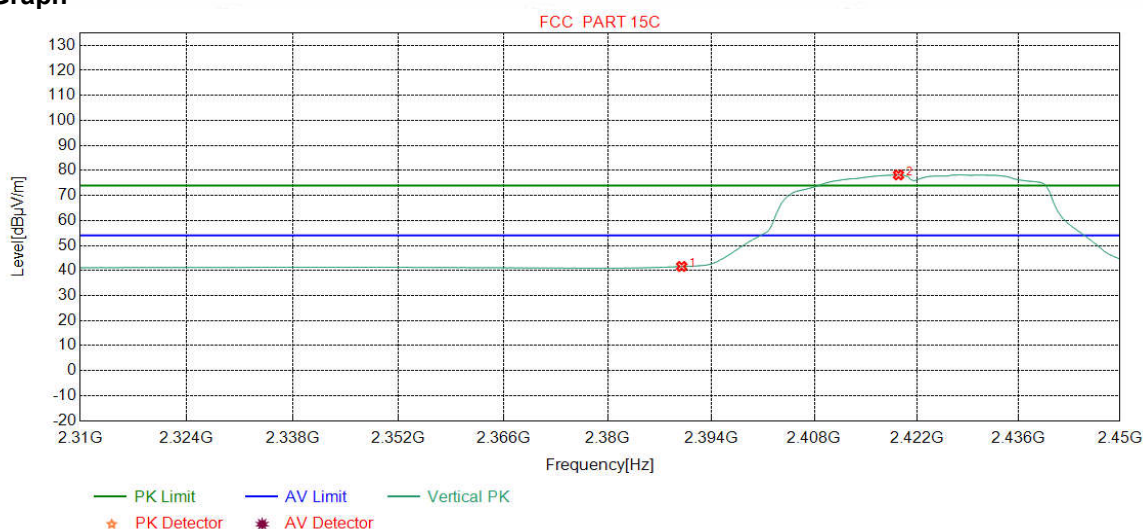
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	39.43	41.93	54.00	12.07	Pass	Horizontal
2	2430.7259	32.30	13.44	-43.11	76.80	79.43	54.00	-25.43	Pass	Horizontal

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2422
Remark:	AV		

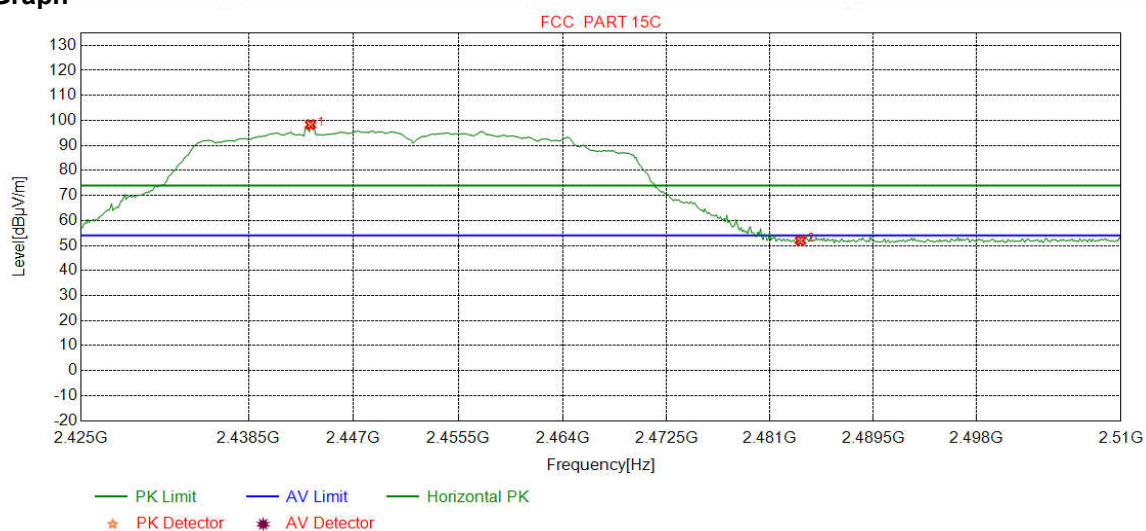
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	39.14	41.64	54.00	12.36	Pass	Vertical
2	2419.5119	32.29	13.39	-43.12	75.64	78.20	54.00	-24.20	Pass	Vertical

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2452
Remark:	PK		

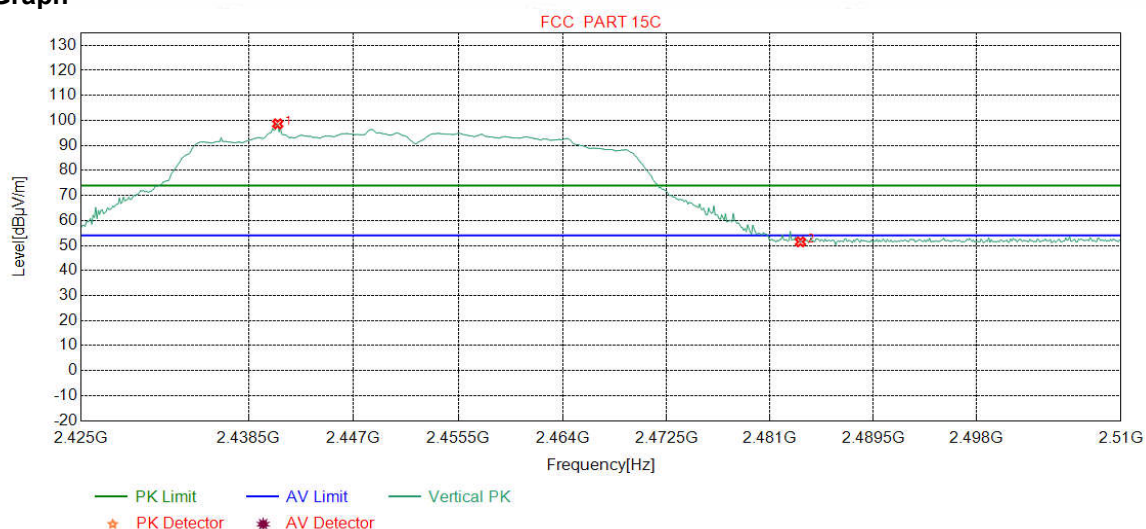
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2443.5106	32.32	13.50	-43.11	95.59	98.30	74.00	-24.30	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	49.31	51.96	74.00	22.04	Pass	Horizontal

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2452
Remark:	PK		

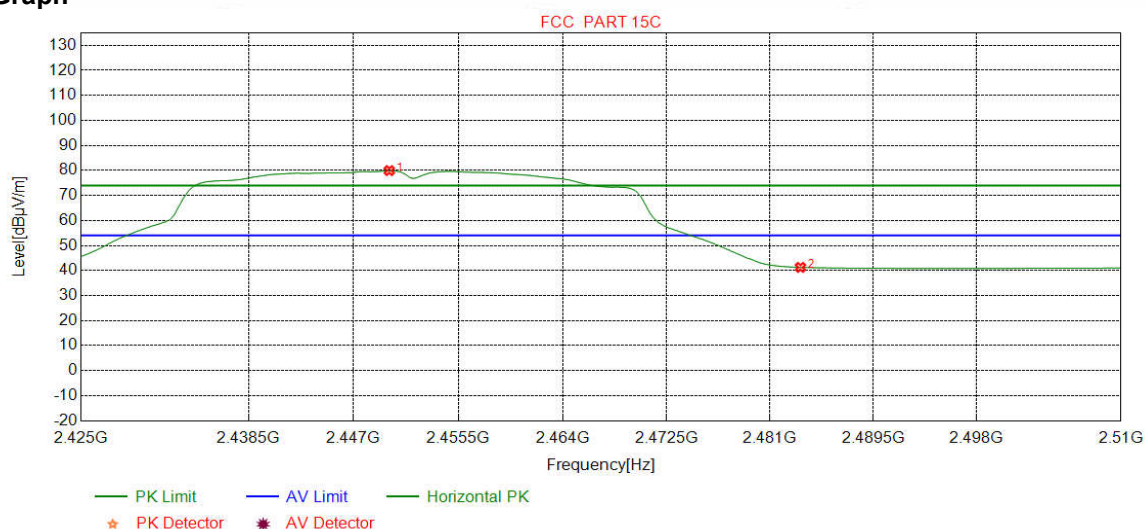
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2440.8511	32.32	13.49	-43.12	95.93	98.62	74.00	-24.62	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	48.80	51.45	74.00	22.55	Pass	Vertical

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2452
Remark:	AV		

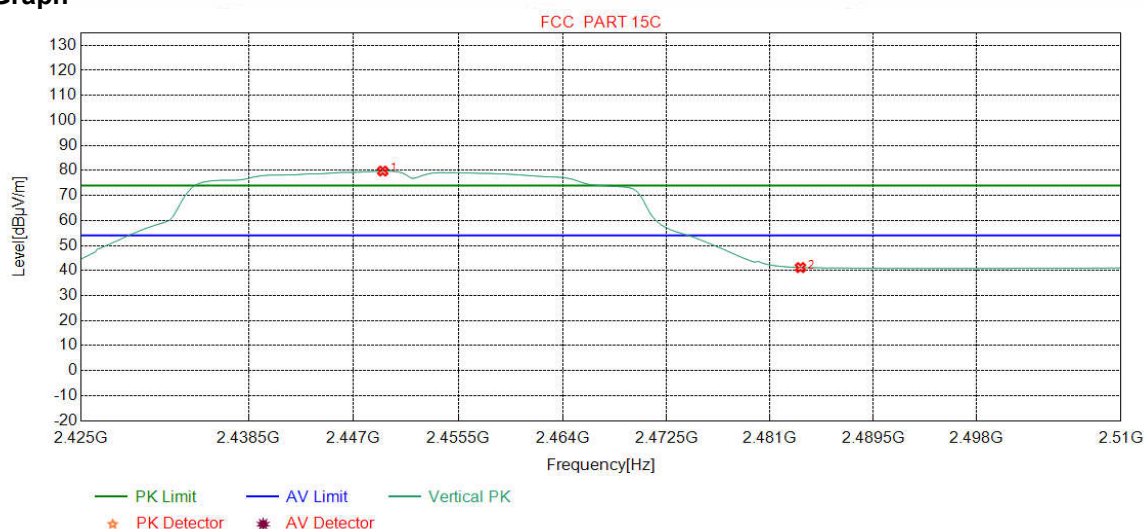
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2449.8936	32.33	13.53	-43.11	77.18	79.93	54.00	-25.93	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	38.60	41.25	54.00	12.75	Pass	Horizontal

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2452
Remark:	AV		

Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2449.3617	32.33	13.53	-43.11	77.00	79.75	54.00	-25.75	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	38.53	41.18	54.00	12.82	Pass	Vertical

Note:

1) Through Pre-scan transmitting mode and charge+transmitter mode with all kind of modulation and data rate, find the 11Mbps of rate is the worst case of 802.11b; 6Mbps of rate is the worst case of 802.11g; 6.5Mbps of rate is the worst case of 802.11n(HT20) ; 13.5Mbps of rate is the worst case of 802.11n(HT40), and then Only the worst case is recorded in the report.

2) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level = Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor - Antenna Factor - Cable Factor

Appendix I): Radiated Spurious Emissions

Receiver Setup:

Frequency	Detector	RBW	VBW	Remark
0.009MHz-0.090MHz	Peak	10kHz	30kHz	Peak
0.009MHz-0.090MHz	Average	10kHz	30kHz	Average
0.090MHz-0.110MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
0.110MHz-0.490MHz	Peak	10kHz	30kHz	Peak
0.110MHz-0.490MHz	Average	10kHz	30kHz	Average
0.490MHz -30MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak
Above 1GHz	Peak	1MHz	3MHz	Peak
	Peak	1MHz	10Hz	Average

Test Procedure:

Below 1GHz test procedure as below:

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic camber. 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 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.

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 (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable was turned from 0 degrees to 360 degrees to find the maximum reading.

e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

f. 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.

Above 1GHz test procedure as below:

g. Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change form table 0.8 meter to 1.5 meter(Above 18GHz the distance is 1 meter and table is 1.5 meter)..

h. Test the EUT in the lowest channel ,the middle channel ,the Highest channel

i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case.

j. Repeat above procedures until all frequencies measured was complete.

Limit:

Frequency	Field strength (microvolt/meter)	Limit (dBμV/m)	Remark	Measurement distance (m)
0.009MHz-0.490MHz	2400/F(kHz)	-	-	300
0.490MHz-1.705MHz	24000/F(kHz)	-	-	30
1.705MHz-30MHz	30	-	-	30
30MHz-88MHz	100	40.0	Quasi-peak	3
88MHz-216MHz	150	43.5	Quasi-peak	3
216MHz-960MHz	200	46.0	Quasi-peak	3
960MHz-1GHz	500	54.0	Quasi-peak	3
Above 1GHz	500	54.0	Average	3

Note: 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.

Radiated Spurious Emissions test Data:

Radiated Emission below 1GHz

ANT 1

Mode:		802.11 b (1Mbps) Transmitting				Channel:		2437		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	36.0146	11.02	0.66	-31.39	42.43	22.72	40.00	17.28	Pass	H
2	77.9228	7.49	1.03	-31.93	45.64	22.23	40.00	17.77	Pass	H
3	195.0135	10.43	1.64	-31.94	47.30	27.43	43.50	16.07	Pass	H
4	493.7064	16.90	2.66	-31.90	46.54	34.20	46.00	11.80	Pass	H
5	658.2348	19.47	3.07	-32.04	43.99	34.49	46.00	11.51	Pass	H
6	904.5425	22.13	3.60	-31.44	43.02	37.31	46.00	8.69	Pass	H
7	36.4997	11.18	0.67	-31.39	43.88	24.34	40.00	15.66	Pass	V
8	73.3633	8.36	0.99	-32.00	46.39	23.74	40.00	16.26	Pass	V
9	153.9784	7.69	1.46	-32.00	56.71	33.86	43.50	9.64	Pass	V
10	263.9874	12.48	1.94	-31.88	48.60	31.14	46.00	14.86	Pass	V
11	603.4243	19.03	2.96	-31.69	45.30	35.60	46.00	10.40	Pass	V
12	904.7365	22.13	3.60	-31.44	38.11	32.40	46.00	13.60	Pass	V

ANT2

Mode:		802.11 b (1Mbps) Transmitting				Channel:		2437		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	36.0146	11.02	0.66	-31.39	42.09	22.38	40.00	17.62	Pass	H
2	52.5063	12.80	0.82	-32.04	39.55	21.13	40.00	18.87	Pass	H
3	150.0010	7.55	1.45	-32.01	49.03	26.02	43.50	17.48	Pass	H
4	237.0187	11.86	1.83	-31.90	46.49	28.28	46.00	17.72	Pass	H
5	658.3318	19.47	3.07	-32.04	43.97	34.47	46.00	11.53	Pass	H
6	913.3703	22.18	3.62	-31.46	37.82	32.16	46.00	13.84	Pass	H
7	36.0146	11.02	0.66	-31.39	40.20	20.49	40.00	19.51	Pass	V
8	74.4304	8.16	1.00	-31.98	45.55	22.73	40.00	17.27	Pass	V
9	135.8376	7.41	1.37	-32.01	51.72	28.49	43.50	15.01	Pass	V
10	263.9874	12.48	1.94	-31.88	45.61	28.15	46.00	17.85	Pass	V
11	603.4243	19.03	2.96	-31.69	44.30	34.60	46.00	11.40	Pass	V
12	875.0515	21.80	3.55	-31.70	35.64	29.29	46.00	16.71	Pass	V

MIMO

Mode:		802.11n(HT20) (6.5Mbps)				Channel:		2437		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	36.0146	11.02	0.66	-31.39	42.25	22.54	40.00	17.46	Pass	H
2	76.8557	7.70	1.02	-31.95	40.90	17.67	40.00	22.33	Pass	H
3	195.0135	10.43	1.64	-31.94	48.44	28.57	43.50	14.93	Pass	H
4	493.7064	16.90	2.66	-31.90	45.39	33.05	46.00	12.95	Pass	H
5	658.2348	19.47	3.07	-32.04	44.00	34.50	46.00	11.50	Pass	H
6	875.0515	21.80	3.55	-31.70	37.59	31.24	46.00	14.76	Pass	H
7	36.4997	11.18	0.67	-31.39	41.44	21.90	40.00	18.10	Pass	V
8	74.4304	8.16	1.00	-31.98	45.78	22.96	40.00	17.04	Pass	V
9	136.4196	7.38	1.37	-32.00	51.37	28.12	43.50	15.38	Pass	V
10	493.7064	16.90	2.66	-31.90	44.98	32.64	46.00	13.36	Pass	V
11	603.4243	19.03	2.96	-31.69	44.21	34.51	46.00	11.49	Pass	V
12	875.0515	21.80	3.55	-31.70	35.98	29.63	46.00	16.37	Pass	V

Transmitter Emission above 1GHz
ANT 1

Mode:		802.11 b (1Mbps) Transmitting				Channel:		2412			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1237.8238	28.14	2.68	-42.86	53.02	40.98	74.00	33.02	Pass	H	Peak
2	1905.4905	31.08	3.42	-42.97	50.83	42.36	74.00	31.64	Pass	H	Peak
3	3194.0129	33.28	4.64	-43.10	50.42	45.24	74.00	28.76	Pass	H	Peak
4	4824.0000	34.50	4.61	-42.80	48.25	44.56	74.00	29.44	Pass	H	Peak
5	7236.0000	36.34	5.79	-42.16	47.24	47.21	74.00	26.79	Pass	H	Peak
6	9648.0000	37.66	6.72	-42.10	46.72	49.00	74.00	25.00	Pass	H	Peak
7	1440.0440	28.34	2.94	-42.85	54.90	43.33	74.00	30.67	Pass	V	Peak
8	2042.9043	31.76	3.55	-43.19	51.19	43.31	74.00	30.69	Pass	V	Peak
9	3752.0501	33.60	4.35	-43.05	49.58	44.48	74.00	29.52	Pass	V	Peak
10	4824.0000	34.50	4.61	-42.80	49.44	45.75	74.00	28.25	Pass	V	Peak
11	7236.0000	36.34	5.79	-42.16	46.76	46.73	74.00	27.27	Pass	V	Peak
12	9648.0000	37.66	6.72	-42.10	46.96	49.24	74.00	24.76	Pass	V	Peak

Mode:		802.11 b (1Mbps) Transmitting				Channel:		2437			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1440.4440	28.34	2.94	-42.85	51.61	40.04	74.00	33.96	Pass	H	Peak
2	2031.3031	31.74	3.53	-43.19	51.13	43.21	74.00	30.79	Pass	H	Peak
3	3783.0522	33.63	4.36	-43.04	50.24	45.19	74.00	28.81	Pass	H	Peak
4	4874.0000	34.50	4.78	-42.80	49.80	46.28	74.00	27.72	Pass	H	Peak
5	7311.0000	36.41	5.85	-42.14	46.16	46.28	74.00	27.72	Pass	H	Peak
6	9748.0000	37.70	6.77	-42.10	47.01	49.38	74.00	24.62	Pass	H	Peak
7	1439.8440	28.34	2.94	-42.85	54.33	42.76	74.00	31.24	Pass	V	Peak
8	1631.8632	29.27	3.11	-42.82	52.66	42.22	74.00	31.78	Pass	V	Peak
9	3214.0143	33.29	4.59	-43.10	50.72	45.50	74.00	28.50	Pass	V	Peak
10	4874.0000	34.50	4.78	-42.80	49.60	46.08	74.00	27.92	Pass	V	Peak
11	7311.0000	36.41	5.85	-42.14	47.10	47.22	74.00	26.78	Pass	V	Peak
12	9748.0000	37.70	6.77	-42.10	47.55	49.92	74.00	24.08	Pass	V	Peak

Mode:		802.11 b (1Mbps) Transmitting				Channel:		2462			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1062.8063	27.96	2.52	-43.03	52.65	40.10	74.00	33.90	Pass	H	Peak
2	1677.0677	29.57	3.17	-42.71	51.65	41.68	74.00	32.32	Pass	H	Peak
3	2924.9925	33.08	4.39	-43.10	51.31	45.68	74.00	28.32	Pass	H	Peak
4	4924.0000	34.50	4.85	-42.80	50.17	46.72	74.00	27.28	Pass	H	Peak
5	7386.0000	36.49	5.85	-42.13	46.20	46.41	74.00	27.59	Pass	H	Peak
6	9848.0000	37.74	6.83	-42.10	46.25	48.72	74.00	25.28	Pass	H	Peak
7	1440.0440	28.34	2.94	-42.85	54.34	42.77	74.00	31.23	Pass	V	Peak
8	1939.6940	31.30	3.42	-43.05	50.81	42.48	74.00	31.52	Pass	V	Peak
9	3175.0117	33.27	4.61	-43.10	50.59	45.37	74.00	28.63	Pass	V	Peak
10	4924.0000	34.50	4.85	-42.80	49.67	46.22	74.00	27.78	Pass	V	Peak
11	7386.0000	36.49	5.85	-42.13	46.23	46.44	74.00	27.56	Pass	V	Peak
12	9848.0000	37.74	6.83	-42.10	45.76	48.23	74.00	25.77	Pass	V	Peak

Mode:		802.11 g (6Mbps) Transmitting				Channel:		2412			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1403.6404	28.30	2.90	-42.69	51.91	40.42	74.00	33.58	Pass	H	Peak
2	1824.2824	30.54	3.35	-42.77	50.79	41.91	74.00	32.09	Pass	H	Peak
3	3200.0133	33.28	4.65	-43.10	49.95	44.78	74.00	29.22	Pass	H	Peak
4	4824.0000	34.50	4.61	-42.80	47.54	43.85	74.00	30.15	Pass	H	Peak
5	7236.0000	36.34	5.79	-42.16	46.36	46.33	74.00	27.67	Pass	H	Peak
6	9648.0000	37.66	6.72	-42.10	46.66	48.94	74.00	25.06	Pass	H	Peak
7	1439.8440	28.34	2.94	-42.85	53.73	42.16	74.00	31.84	Pass	V	Peak
8	1929.4929	31.23	3.42	-43.02	50.52	42.15	74.00	31.85	Pass	V	Peak
9	3056.0037	33.22	4.82	-43.10	50.13	45.07	74.00	28.93	Pass	V	Peak
10	4824.0000	34.50	4.61	-42.80	48.15	44.46	74.00	29.54	Pass	V	Peak
11	7236.0000	36.34	5.79	-42.16	45.71	45.68	74.00	28.32	Pass	V	Peak
12	9648.0000	37.66	6.72	-42.10	46.52	48.80	74.00	25.20	Pass	V	Peak

Mode:		802.11 g (6Mbps) Transmitting				Channel:		2437			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Readin g [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1125.2125	28.03	2.63	-42.98	52.12	39.80	74.00	34.20	Pass	H	Peak
2	1823.8824	30.54	3.35	-42.77	50.50	41.62	74.00	32.38	Pass	H	Peak
3	2940.5941	33.10	4.40	-43.10	51.13	45.53	74.00	28.47	Pass	H	Peak
4	4874.0000	34.50	4.78	-42.80	47.69	44.17	74.00	29.83	Pass	H	Peak
5	7311.0000	36.41	5.85	-42.14	46.48	46.60	74.00	27.40	Pass	H	Peak
6	9748.0000	37.70	6.77	-42.10	47.14	49.51	74.00	24.49	Pass	H	Peak
7	1439.8440	28.34	2.94	-42.85	53.74	42.17	74.00	31.83	Pass	V	Peak
8	1876.2876	30.88	3.40	-42.89	51.58	42.97	74.00	31.03	Pass	V	Peak
9	3743.0495	33.59	4.33	-43.04	50.16	45.04	74.00	28.96	Pass	V	Peak
10	4874.0000	34.50	4.78	-42.80	47.05	43.53	74.00	30.47	Pass	V	Peak
11	7311.0000	36.41	5.85	-42.14	46.00	46.12	74.00	27.88	Pass	V	Peak
12	9748.0000	37.70	6.77	-42.10	46.89	49.26	74.00	24.74	Pass	V	Peak

Mode:		802.11 g (6Mbps) Transmitting				Channel:		2462			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Readin g [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1401.6402	28.30	2.90	-42.68	51.57	40.09	74.00	33.91	Pass	H	Peak
2	1920.8921	31.18	3.42	-43.01	51.33	42.92	74.00	31.08	Pass	H	Peak
3	2940.9941	33.11	4.40	-43.11	50.88	45.28	74.00	28.72	Pass	H	Peak
4	4924.0000	34.50	4.85	-42.80	46.72	43.27	74.00	30.73	Pass	H	Peak
5	7386.0000	36.49	5.85	-42.13	47.18	47.39	74.00	26.61	Pass	H	Peak
6	9848.0000	37.74	6.83	-42.10	45.82	48.29	74.00	25.71	Pass	H	Peak
7	1440.0440	28.34	2.94	-42.85	54.24	42.67	74.00	31.33	Pass	V	Peak
8	2016.5017	31.72	3.50	-43.19	51.16	43.19	74.00	30.81	Pass	V	Peak
9	2934.3934	33.10	4.39	-43.10	50.77	45.16	74.00	28.84	Pass	V	Peak
10	4924.0000	34.50	4.85	-42.80	47.31	43.86	74.00	30.14	Pass	V	Peak
11	7386.0000	36.49	5.85	-42.13	46.15	46.36	74.00	27.64	Pass	V	Peak
12	9848.0000	37.74	6.83	-42.10	46.26	48.73	74.00	25.27	Pass	V	Peak

Mode:		802.11 n (HT20) (6.5Mbps)				Channel:		2412			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1343.6344	28.24	2.81	-42.73	52.14	40.46	74.00	33.54	Pass	H	Peak
2	2089.1089	31.82	3.58	-43.18	51.14	43.36	74.00	30.64	Pass	H	Peak
3	3764.0509	33.61	4.36	-43.05	50.13	45.05	74.00	28.95	Pass	H	Peak
4	4824.0000	34.50	4.61	-42.80	46.90	43.21	74.00	30.79	Pass	H	Peak
5	7236.0000	36.34	5.79	-42.16	45.47	45.44	74.00	28.56	Pass	H	Peak
6	9648.0000	37.66	6.72	-42.10	48.02	50.30	74.00	23.70	Pass	H	Peak
7	1440.0440	28.34	2.94	-42.85	53.30	41.73	74.00	32.27	Pass	V	Peak
8	1658.6659	29.45	3.15	-42.76	52.34	42.18	74.00	31.82	Pass	V	Peak
9	2995.7996	33.19	4.54	-43.10	51.64	46.27	74.00	27.73	Pass	V	Peak
10	4824.0000	34.50	4.61	-42.80	47.43	43.74	74.00	30.26	Pass	V	Peak
11	7236.0000	36.34	5.79	-42.16	46.15	46.12	74.00	27.88	Pass	V	Peak
12	9648.0000	37.66	6.72	-42.10	47.31	49.59	74.00	24.41	Pass	V	Peak

Mode:		802.11 n (HT20) (6.5Mbps)				Channel:		2437			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1261.2261	28.16	2.70	-42.83	52.99	41.02	74.00	32.98	Pass	H	Peak
2	1658.2658	29.44	3.15	-42.76	52.02	41.85	74.00	32.15	Pass	H	Peak
3	2996.3996	33.19	4.54	-43.10	51.44	46.07	74.00	27.93	Pass	H	Peak
4	4874.0000	34.50	4.78	-42.80	46.84	43.32	74.00	30.68	Pass	H	Peak
5	7311.0000	36.41	5.85	-42.14	46.06	46.18	74.00	27.82	Pass	H	Peak
6	9748.0000	37.70	6.77	-42.10	47.26	49.63	74.00	24.37	Pass	H	Peak
7	1440.0440	28.34	2.94	-42.85	53.65	42.08	74.00	31.92	Pass	V	Peak
8	2033.3033	31.75	3.53	-43.20	51.13	43.21	74.00	30.79	Pass	V	Peak
9	2988.1988	33.18	4.51	-43.09	52.03	46.63	74.00	27.37	Pass	V	Peak
10	4874.0000	34.50	4.78	-42.80	47.82	44.30	74.00	29.70	Pass	V	Peak
11	7311.0000	36.41	5.85	-42.14	46.51	46.63	74.00	27.37	Pass	V	Peak
12	9748.0000	37.70	6.77	-42.10	48.22	50.59	74.00	23.41	Pass	V	Peak

Mode:		802.11 n (HT20) (6.5Mbps)				Channel:		2462			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1420.6421	28.32	2.92	-42.77	52.02	40.49	74.00	33.51	Pass	H	Peak
2	1863.0863	30.80	3.39	-42.87	51.04	42.36	74.00	31.64	Pass	H	Peak
3	3023.0015	33.21	4.88	-43.10	50.06	45.05	74.00	28.95	Pass	H	Peak
4	4924.0000	34.50	4.85	-42.80	47.86	44.41	74.00	29.59	Pass	H	Peak
5	7386.0000	36.49	5.85	-42.13	46.52	46.73	74.00	27.27	Pass	H	Peak
6	9848.0000	37.74	6.83	-42.10	46.48	48.95	74.00	25.05	Pass	H	Peak
7	1439.8440	28.34	2.94	-42.85	54.57	43.00	74.00	31.00	Pass	V	Peak
8	1816.2816	30.49	3.34	-42.75	50.69	41.77	74.00	32.23	Pass	V	Peak
9	3333.0222	33.33	4.54	-43.10	50.52	45.29	74.00	28.71	Pass	V	Peak
10	4924.0000	34.50	4.85	-42.80	46.50	43.05	74.00	30.95	Pass	V	Peak
11	7386.0000	36.49	5.85	-42.13	46.99	47.20	74.00	26.80	Pass	V	Peak
12	9848.0000	37.74	6.83	-42.10	47.15	49.62	74.00	24.38	Pass	V	Peak

Mode:		802.11 n (HT40) (13.5Mbps)				Channel:		2422			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1367.8368	28.27	2.85	-42.72	51.74	40.14	74.00	33.86	Pass	H	Peak
2	2127.3127	31.88	3.62	-43.18	52.14	44.46	74.00	29.54	Pass	H	Peak
3	3919.0613	33.74	4.34	-43.02	50.49	45.55	74.00	28.45	Pass	H	Peak
4	4844.0000	34.50	4.66	-42.80	47.34	43.70	74.00	30.30	Pass	H	Peak
5	7266.0000	36.37	5.80	-42.15	46.53	46.55	74.00	27.45	Pass	H	Peak
6	9688.0000	37.68	6.62	-42.10	46.81	49.01	74.00	24.99	Pass	H	Peak
7	1440.0440	28.34	2.94	-42.85	54.49	42.92	74.00	31.08	Pass	V	Peak
8	1934.4934	31.27	3.42	-43.04	50.64	42.29	74.00	31.71	Pass	V	Peak
9	3218.0145	33.29	4.58	-43.10	50.40	45.17	74.00	28.83	Pass	V	Peak
10	4844.0000	34.50	4.66	-42.80	48.27	44.63	74.00	29.37	Pass	V	Peak
11	7266.0000	36.37	5.80	-42.15	46.75	46.77	74.00	27.23	Pass	V	Peak
12	9688.0000	37.68	6.62	-42.10	47.45	49.65	74.00	24.35	Pass	V	Peak

Mode:		802.11 n (HT40) (13.5Mbps)				Channel:		2437			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1439.4439	28.34	2.94	-42.85	51.55	39.98	74.00	34.02	Pass	H	Peak
2	1920.0920	31.17	3.42	-43.00	50.74	42.33	74.00	31.67	Pass	H	Peak
3	3021.0014	33.21	4.89	-43.10	50.93	45.93	74.00	28.07	Pass	H	Peak
4	4874.0000	34.50	4.78	-42.80	46.95	43.43	74.00	30.57	Pass	H	Peak
5	7311.0000	36.41	5.85	-42.14	46.72	46.84	74.00	27.16	Pass	H	Peak
6	9748.0000	37.70	6.77	-42.10	47.57	49.94	74.00	24.06	Pass	H	Peak
7	1440.2440	28.34	2.94	-42.85	53.70	42.13	74.00	31.87	Pass	V	Peak
8	2995.3995	33.19	4.54	-43.10	51.37	46.00	74.00	28.00	Pass	V	Peak
9	4074.0716	33.90	4.33	-42.97	50.19	45.45	74.00	28.55	Pass	V	Peak
10	4874.0000	34.50	4.78	-42.80	47.52	44.00	74.00	30.00	Pass	V	Peak
11	7311.0000	36.41	5.85	-42.14	46.14	46.26	74.00	27.74	Pass	V	Peak
12	9748.0000	37.70	6.77	-42.10	47.58	49.95	74.00	24.05	Pass	V	Peak

Mode:		802.11 n (HT40) (13.5Mbps)				Channel:		2452			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1259.8260	28.16	2.69	-42.82	51.79	39.82	74.00	34.18	Pass	H	Peak
2	1809.0809	30.44	3.33	-42.73	51.85	42.89	74.00	31.11	Pass	H	Peak
3	3048.0032	33.22	4.83	-43.10	51.38	46.33	74.00	27.67	Pass	H	Peak
4	4904.0000	34.50	4.88	-42.80	47.11	43.69	74.00	30.31	Pass	H	Peak
5	7356.0000	36.46	5.85	-42.13	46.42	46.60	74.00	27.40	Pass	H	Peak
6	9808.0000	37.72	6.59	-42.10	48.64	50.85	74.00	23.15	Pass	H	Peak
7	1440.0440	28.34	2.94	-42.85	53.69	42.12	74.00	31.88	Pass	V	Peak
8	1920.0920	31.17	3.42	-43.00	51.70	43.29	74.00	30.71	Pass	V	Peak
9	3529.0353	33.42	4.46	-43.09	50.89	45.68	74.00	28.32	Pass	V	Peak
10	4904.0000	34.50	4.88	-42.80	47.09	43.67	74.00	30.33	Pass	V	Peak
11	7356.0000	36.46	5.85	-42.13	46.85	47.03	74.00	26.97	Pass	V	Peak
12	9808.0000	37.72	6.59	-42.10	46.66	48.87	74.00	25.13	Pass	V	Peak

ANT2

Mode:		802.11 b (1Mbps) Transmitting				Channel:		2412			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1259.8260	28.16	2.69	-42.82	52.83	40.86	74.00	33.14	Pass	H	Peak
2	1819.8820	30.51	3.34	-42.75	51.51	42.61	74.00	31.39	Pass	H	Peak
3	2986.7987	33.18	4.51	-43.10	50.64	45.23	74.00	28.77	Pass	H	Peak
4	4824.0000	34.50	4.61	-42.80	47.35	43.66	74.00	30.34	Pass	H	Peak
5	7236.0000	36.34	5.79	-42.16	45.88	45.85	74.00	28.15	Pass	H	Peak
6	9648.0000	37.66	6.72	-42.10	45.93	48.21	74.00	25.79	Pass	H	Peak
7	1439.6440	28.34	2.94	-42.85	53.66	42.09	74.00	31.91	Pass	V	Peak
8	1728.0728	29.91	3.22	-42.68	51.79	42.24	74.00	31.76	Pass	V	Peak
9	4220.0813	34.11	4.49	-42.91	50.11	45.80	74.00	28.20	Pass	V	Peak
10	4824.0000	34.50	4.61	-42.80	47.22	43.53	74.00	30.47	Pass	V	Peak
11	7236.0000	36.34	5.79	-42.16	46.53	46.50	74.00	27.50	Pass	V	Peak
12	9648.0000	37.66	6.72	-42.10	45.91	48.19	74.00	25.81	Pass	V	Peak

Mode:		802.11 b (1Mbps) Transmitting				Channel:		2437			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1260.6261	28.16	2.69	-42.82	52.42	40.45	74.00	33.55	Pass	H	Peak
2	1687.4687	29.64	3.18	-42.69	51.64	41.77	74.00	32.23	Pass	H	Peak
3	3935.0623	33.75	4.34	-43.01	50.88	45.96	74.00	28.04	Pass	H	Peak
4	4874.0000	34.50	4.78	-42.80	48.27	44.75	74.00	29.25	Pass	H	Peak
5	7311.0000	36.41	5.85	-42.14	46.19	46.31	74.00	27.69	Pass	H	Peak
6	9748.0000	37.70	6.77	-42.10	47.05	49.42	74.00	24.58	Pass	H	Peak
7	1439.8440	28.34	2.94	-42.85	54.66	43.09	74.00	30.91	Pass	V	Peak
8	1734.0734	29.94	3.22	-42.67	51.24	41.73	74.00	32.27	Pass	V	Peak
9	3210.0140	33.28	4.61	-43.10	50.50	45.29	74.00	28.71	Pass	V	Peak
10	4874.0000	34.50	4.78	-42.80	47.62	44.10	74.00	29.90	Pass	V	Peak
11	7311.0000	36.41	5.85	-42.14	46.76	46.88	74.00	27.12	Pass	V	Peak
12	9748.0000	37.70	6.77	-42.10	47.77	50.14	74.00	23.86	Pass	V	Peak

Mode:		802.11 b (1Mbps) Transmitting				Channel:		2462			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1481.0481	28.38	2.97	-43.01	52.48	40.82	74.00	33.18	Pass	H	Peak
2	2936.9937	33.10	4.39	-43.10	51.07	45.46	74.00	28.54	Pass	H	Peak
3	3940.0627	33.75	4.34	-43.01	49.86	44.94	74.00	29.06	Pass	H	Peak
4	4924.0000	34.50	4.85	-42.80	50.21	46.76	74.00	27.24	Pass	H	Peak
5	7386.0000	36.49	5.85	-42.13	48.01	48.22	74.00	25.78	Pass	H	Peak
6	9848.0000	37.74	6.83	-42.10	47.13	49.60	74.00	24.40	Pass	H	Peak
7	1439.6440	28.34	2.94	-42.85	54.70	43.13	74.00	30.87	Pass	V	Peak
8	1950.0950	31.37	3.42	-43.08	51.29	43.00	74.00	31.00	Pass	V	Peak
9	3894.0596	33.72	4.34	-43.02	50.59	45.63	74.00	28.37	Pass	V	Peak
10	4924.0000	34.50	4.85	-42.80	49.57	46.12	74.00	27.88	Pass	V	Peak
11	7386.0000	36.49	5.85	-42.13	46.62	46.83	74.00	27.17	Pass	V	Peak
12	9848.0000	37.74	6.83	-42.10	46.62	49.09	74.00	24.91	Pass	V	Peak

Mode:		802.11 g (6Mbps) Transmitting				Channel:		2412			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1582.0582	28.94	3.06	-42.94	53.07	42.13	74.00	31.87	Pass	H	Peak
2	1895.6896	31.01	3.42	-42.95	50.91	42.39	74.00	31.61	Pass	H	Peak
3	2975.5976	33.16	4.48	-43.10	50.63	45.17	74.00	28.83	Pass	H	Peak
4	4824.0000	34.50	4.61	-42.80	47.68	43.99	74.00	30.01	Pass	H	Peak
5	7236.0000	36.34	5.79	-42.16	45.92	45.89	74.00	28.11	Pass	H	Peak
6	9648.0000	37.66	6.72	-42.10	47.15	49.43	74.00	24.57	Pass	H	Peak
7	1320.4320	28.22	2.78	-42.76	54.24	42.48	74.00	31.52	Pass	V	Peak
8	1983.0983	31.59	3.45	-43.16	50.79	42.67	74.00	31.33	Pass	V	Peak
9	3557.0371	33.45	4.43	-43.10	50.04	44.82	74.00	29.18	Pass	V	Peak
10	4824.0000	34.50	4.61	-42.80	47.30	43.61	74.00	30.39	Pass	V	Peak
11	7236.0000	36.34	5.79	-42.16	46.41	46.38	74.00	27.62	Pass	V	Peak
12	9648.0000	37.66	6.72	-42.10	47.30	49.58	74.00	24.42	Pass	V	Peak

Mode:		802.11 g (6Mbps) Transmitting				Channel:		2437			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1280.6281	28.18	2.72	-42.80	51.98	40.08	74.00	33.92	Pass	H	Peak
2	1939.6940	31.30	3.42	-43.05	51.61	43.28	74.00	30.72	Pass	H	Peak
3	3869.0579	33.70	4.35	-43.03	50.17	45.19	74.00	28.81	Pass	H	Peak
4	4874.0000	34.50	4.78	-42.80	47.64	44.12	74.00	29.88	Pass	H	Peak
5	7311.0000	36.41	5.85	-42.14	46.70	46.82	74.00	27.18	Pass	H	Peak
6	9748.0000	37.70	6.77	-42.10	47.94	50.31	74.00	23.69	Pass	H	Peak
7	1439.6440	28.34	2.94	-42.85	54.65	43.08	74.00	30.92	Pass	V	Peak
8	2067.9068	31.80	3.57	-43.19	51.54	43.72	74.00	30.28	Pass	V	Peak
9	3768.0512	33.61	4.36	-43.04	50.35	45.28	74.00	28.72	Pass	V	Peak
10	4874.0000	34.50	4.78	-42.80	47.21	43.69	74.00	30.31	Pass	V	Peak
11	7311.0000	36.41	5.85	-42.14	45.95	46.07	74.00	27.93	Pass	V	Peak
12	9748.0000	37.70	6.77	-42.10	47.06	49.43	74.00	24.57	Pass	V	Peak

Mode:		802.11 g (6Mbps) Transmitting				Channel:		2462			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1280.2280	28.18	2.72	-42.80	51.38	39.48	74.00	34.52	Pass	H	Peak
2	1729.0729	29.91	3.22	-42.68	51.96	42.41	74.00	31.59	Pass	H	Peak
3	3070.0047	33.23	4.79	-43.11	50.85	45.76	74.00	28.24	Pass	H	Peak
4	4924.0000	34.50	4.85	-42.80	47.07	43.62	74.00	30.38	Pass	H	Peak
5	7386.0000	36.49	5.85	-42.13	46.75	46.96	74.00	27.04	Pass	H	Peak
6	9848.0000	37.74	6.83	-42.10	46.09	48.56	74.00	25.44	Pass	H	Peak
7	1440.0440	28.34	2.94	-42.85	54.33	42.76	74.00	31.24	Pass	V	Peak
8	2074.5075	31.80	3.57	-43.18	50.93	43.12	74.00	30.88	Pass	V	Peak
9	3818.0545	33.65	4.37	-43.04	50.65	45.63	74.00	28.37	Pass	V	Peak
10	4924.0000	34.50	4.85	-42.80	47.49	44.04	74.00	29.96	Pass	V	Peak
11	7386.0000	36.49	5.85	-42.13	46.24	46.45	74.00	27.55	Pass	V	Peak
12	9848.0000	37.74	6.83	-42.10	46.80	49.27	74.00	24.73	Pass	V	Peak

Mode:		802.11 n (HT20) (6.5Mbps)				Channel:		2412			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Readin g [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1238.8239	28.14	2.68	-42.85	51.93	39.90	74.00	34.10	Pass	H	Peak
2	1709.6710	29.78	3.21	-42.67	52.24	42.56	74.00	31.44	Pass	H	Peak
3	2998.1998	33.20	4.54	-43.10	50.88	45.52	74.00	28.48	Pass	H	Peak
4	4824.0000	34.50	4.61	-42.80	48.39	44.70	74.00	29.30	Pass	H	Peak
5	7236.0000	36.34	5.79	-42.16	46.20	46.17	74.00	27.83	Pass	H	Peak
6	9648.0000	37.66	6.72	-42.10	47.46	49.74	74.00	24.26	Pass	H	Peak
7	1440.4440	28.34	2.94	-42.85	54.58	43.01	74.00	30.99	Pass	V	Peak
8	2987.3987	33.18	4.51	-43.10	51.50	46.09	74.00	27.91	Pass	V	Peak
9	3771.0514	33.62	4.36	-43.05	50.00	44.93	74.00	29.07	Pass	V	Peak
10	4824.0000	34.50	4.61	-42.80	47.60	43.91	74.00	30.09	Pass	V	Peak
11	7236.0000	36.34	5.79	-42.16	46.89	46.86	74.00	27.14	Pass	V	Peak
12	9648.0000	37.66	6.72	-42.10	46.23	48.51	74.00	25.49	Pass	V	Peak

Mode:		802.11 n (HT20) (6.5Mbps)				Channel:		2437			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Readin g [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1226.4226	28.13	2.67	-42.87	52.35	40.28	74.00	33.72	Pass	H	Peak
2	1863.2863	30.80	3.39	-42.87	51.11	42.43	74.00	31.57	Pass	H	Peak
3	3112.0075	33.24	4.68	-43.09	49.72	44.55	74.00	29.45	Pass	H	Peak
4	4874.0000	34.50	4.78	-42.80	48.31	44.79	74.00	29.21	Pass	H	Peak
5	7311.0000	36.41	5.85	-42.14	47.06	47.18	74.00	26.82	Pass	H	Peak
6	9748.0000	37.70	6.77	-42.10	48.06	50.43	74.00	23.57	Pass	H	Peak
7	1440.0440	28.34	2.94	-42.85	54.14	42.57	74.00	31.43	Pass	V	Peak
8	2986.5987	33.18	4.51	-43.10	50.80	45.39	74.00	28.61	Pass	V	Peak
9	3873.0582	33.70	4.35	-43.03	49.78	44.80	74.00	29.20	Pass	V	Peak
10	4874.0000	34.50	4.78	-42.80	47.83	44.31	74.00	29.69	Pass	V	Peak
11	7311.0000	36.41	5.85	-42.14	46.88	47.00	74.00	27.00	Pass	V	Peak
12	9748.0000	37.70	6.77	-42.10	46.45	48.82	74.00	25.18	Pass	V	Peak

Mode:		802.11 n (HT20) (6.5Mbps)				Channel:		2462			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1125.6126	28.03	2.63	-42.98	52.64	40.32	74.00	33.68	Pass	H	Peak
2	1831.6832	30.59	3.36	-42.79	51.12	42.28	74.00	31.72	Pass	H	Peak
3	3556.0371	33.44	4.43	-43.09	50.05	44.83	74.00	29.17	Pass	H	Peak
4	4924.0000	34.50	4.85	-42.80	46.90	43.45	74.00	30.55	Pass	H	Peak
5	7386.0000	36.49	5.85	-42.13	46.94	47.15	74.00	26.85	Pass	H	Peak
6	9848.0000	37.74	6.83	-42.10	46.93	49.40	74.00	24.60	Pass	H	Peak
7	1439.6440	28.34	2.94	-42.85	54.16	42.59	74.00	31.41	Pass	V	Peak
8	1874.4874	30.87	3.40	-42.89	50.64	42.02	74.00	31.98	Pass	V	Peak
9	3955.0637	33.76	4.34	-43.01	50.53	45.62	74.00	28.38	Pass	V	Peak
10	4924.0000	34.50	4.85	-42.80	47.45	44.00	74.00	30.00	Pass	V	Peak
11	7386.0000	36.49	5.85	-42.13	46.69	46.90	74.00	27.10	Pass	V	Peak
12	9848.0000	37.74	6.83	-42.10	45.94	48.41	74.00	25.59	Pass	V	Peak

Mode:		802.11 n (HT40) (13.5Mbps)				Channel:		2422			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1125.4125	28.03	2.63	-42.98	52.52	40.20	74.00	33.80	Pass	H	Peak
2	1631.6632	29.27	3.11	-42.82	52.18	41.74	74.00	32.26	Pass	H	Peak
3	3189.0126	33.28	4.63	-43.10	50.30	45.11	74.00	28.89	Pass	H	Peak
4	4844.0000	34.50	4.66	-42.80	46.97	43.33	74.00	30.67	Pass	H	Peak
5	7266.0000	36.37	5.80	-42.15	47.38	47.40	74.00	26.60	Pass	H	Peak
6	9688.0000	37.68	6.62	-42.10	47.20	49.40	74.00	24.60	Pass	H	Peak
7	1439.8440	28.34	2.94	-42.85	54.37	42.80	74.00	31.20	Pass	V	Peak
8	2991.1991	33.19	4.52	-43.10	51.16	45.77	74.00	28.23	Pass	V	Peak
9	3826.0551	33.66	4.36	-43.03	50.09	45.08	74.00	28.92	Pass	V	Peak
10	4844.0000	34.50	4.66	-42.80	46.87	43.23	74.00	30.77	Pass	V	Peak
11	7266.0000	36.37	5.80	-42.15	46.20	46.22	74.00	27.78	Pass	V	Peak
12	9688.0000	37.68	6.62	-42.10	46.65	48.85	74.00	25.15	Pass	V	Peak

Mode:		802.11 n (HT40) (13.5Mbps)				Channel:		2437			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1439.8440	28.34	2.94	-42.85	52.26	40.69	74.00	33.31	Pass	H	Peak
2	1864.4864	30.81	3.39	-42.87	51.43	42.76	74.00	31.24	Pass	H	Peak
3	3065.0043	33.23	4.80	-43.11	50.14	45.06	74.00	28.94	Pass	H	Peak
4	4874.0000	34.50	4.78	-42.80	47.74	44.22	74.00	29.78	Pass	H	Peak
5	7311.0000	36.41	5.85	-42.14	46.68	46.80	74.00	27.20	Pass	H	Peak
6	9748.0000	37.70	6.77	-42.10	47.72	50.09	74.00	23.91	Pass	H	Peak
7	1439.8440	28.34	2.94	-42.85	54.83	43.26	74.00	30.74	Pass	V	Peak
8	2069.7070	31.80	3.57	-43.19	51.94	44.12	74.00	29.88	Pass	V	Peak
9	2991.3991	33.19	4.52	-43.10	51.88	46.49	74.00	27.51	Pass	V	Peak
10	4874.0000	34.50	4.78	-42.80	46.49	42.97	74.00	31.03	Pass	V	Peak
11	7311.0000	36.41	5.85	-42.14	46.95	47.07	74.00	26.93	Pass	V	Peak
12	9748.0000	37.70	6.77	-42.10	47.37	49.74	74.00	24.26	Pass	V	Peak

Mode:		802.11 n (HT40) (13.5Mbps)				Channel:		2452			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1194.6195	28.09	2.66	-42.89	51.91	39.77	74.00	34.23	Pass	H	Peak
2	1810.2810	30.45	3.33	-42.73	51.08	42.13	74.00	31.87	Pass	H	Peak
3	3938.0625	33.75	4.34	-43.01	50.68	45.76	74.00	28.24	Pass	H	Peak
4	4904.0000	34.50	4.88	-42.80	46.41	42.99	74.00	31.01	Pass	H	Peak
5	7356.0000	36.46	5.85	-42.13	47.27	47.45	74.00	26.55	Pass	H	Peak
6	9808.0000	37.72	6.59	-42.10	47.25	49.46	74.00	24.54	Pass	H	Peak
7	1439.8440	28.34	2.94	-42.85	54.48	42.91	74.00	31.09	Pass	V	Peak
8	1933.8934	31.26	3.42	-43.03	50.62	42.27	74.00	31.73	Pass	V	Peak
9	4070.0713	33.90	4.33	-42.98	50.77	46.02	74.00	27.98	Pass	V	Peak
10	4904.0000	34.50	4.88	-42.80	47.18	43.76	74.00	30.24	Pass	V	Peak
11	7356.0000	36.46	5.85	-42.13	46.27	46.45	74.00	27.55	Pass	V	Peak
12	9808.0000	37.72	6.59	-42.10	47.47	49.68	74.00	24.32	Pass	V	Peak

MIMO

Mode:		802.11 n (HT20) (6.5Mbps)				Channel:		2412			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1283.2283	28.18	2.73	-42.80	52.99	41.10	74.00	32.90	Pass	H	Peak
2	2057.3057	31.78	3.56	-43.19	50.35	42.50	74.00	31.50	Pass	H	Peak
3	3383.0255	33.35	4.55	-43.10	49.82	44.62	74.00	29.38	Pass	H	Peak
4	4824.0000	34.50	4.61	-42.80	47.62	43.93	74.00	30.07	Pass	H	Peak
5	7236.0000	36.34	5.79	-42.16	47.21	47.18	74.00	26.82	Pass	H	Peak
6	9648.0000	37.66	6.72	-42.10	46.42	48.70	74.00	25.30	Pass	H	Peak
7	1439.6440	28.34	2.94	-42.85	54.55	42.98	74.00	31.02	Pass	V	Peak
8	1856.4856	30.75	3.39	-42.85	51.73	43.02	74.00	30.98	Pass	V	Peak
9	3171.0114	33.27	4.60	-43.10	50.25	45.02	74.00	28.98	Pass	V	Peak
10	4824.0000	34.50	4.61	-42.80	47.39	43.70	74.00	30.30	Pass	V	Peak
11	7236.0000	36.34	5.79	-42.16	46.76	46.73	74.00	27.27	Pass	V	Peak
12	9648.0000	37.66	6.72	-42.10	46.94	49.22	74.00	24.78	Pass	V	Peak

Mode:		802.11 n (HT20) (6.5Mbps)				Channel:		2437			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1383.4383	28.28	2.87	-42.69	52.20	40.66	74.00	33.34	Pass	H	Peak
2	2035.9036	31.75	3.53	-43.19	51.29	43.38	74.00	30.62	Pass	H	Peak
3	3043.0029	33.22	4.84	-43.10	50.48	45.44	74.00	28.56	Pass	H	Peak
4	4874.0000	34.50	4.78	-42.80	47.79	44.27	74.00	29.73	Pass	H	Peak
5	7311.0000	36.41	5.85	-42.14	46.12	46.24	74.00	27.76	Pass	H	Peak
6	9748.0000	37.70	6.77	-42.10	48.58	50.95	74.00	23.05	Pass	H	Peak
7	1439.6440	28.34	2.94	-42.85	54.37	42.80	74.00	31.20	Pass	V	Peak
8	1727.6728	29.90	3.22	-42.67	52.19	42.64	74.00	31.36	Pass	V	Peak
9	3184.0123	33.27	4.62	-43.09	50.44	45.24	74.00	28.76	Pass	V	Peak
10	4874.0000	34.50	4.78	-42.80	46.70	43.18	74.00	30.82	Pass	V	Peak
11	7311.0000	36.41	5.85	-42.14	46.34	46.46	74.00	27.54	Pass	V	Peak
12	9748.0000	37.70	6.77	-42.10	47.89	50.26	74.00	23.74	Pass	V	Peak

Mode:		802.11 n (HT20) (6.5Mbps)				Channel:		2462			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1062.6063	27.96	2.52	-43.03	52.51	39.96	74.00	34.04	Pass	H	Peak
2	1995.8996	31.67	3.47	-43.19	51.33	43.28	74.00	30.72	Pass	H	Peak
3	3196.0131	33.28	4.64	-43.10	50.83	45.65	74.00	28.35	Pass	H	Peak
4	4924.0000	34.50	4.85	-42.80	47.39	43.94	74.00	30.06	Pass	H	Peak
5	7386.0000	36.49	5.85	-42.13	46.40	46.61	74.00	27.39	Pass	H	Peak
6	9848.0000	37.74	6.83	-42.10	45.98	48.45	74.00	25.55	Pass	H	Peak
7	1439.6440	28.34	2.94	-42.85	54.22	42.65	74.00	31.35	Pass	V	Peak
8	2099.3099	31.84	3.58	-43.18	51.79	44.03	74.00	29.97	Pass	V	Peak
9	3058.0039	33.22	4.81	-43.09	50.16	45.10	74.00	28.90	Pass	V	Peak
10	4924.0000	34.50	4.85	-42.80	46.72	43.27	74.00	30.73	Pass	V	Peak
11	7386.0000	36.49	5.85	-42.13	47.45	47.66	74.00	26.34	Pass	V	Peak
12	9848.0000	37.74	6.83	-42.10	46.27	48.74	74.00	25.26	Pass	V	Peak

Mode:		802.11 n (HT40) (13.5Mbps)				Channel:		2422			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1062.6063	27.96	2.52	-43.03	52.87	40.32	74.00	33.68	Pass	H	Peak
2	1793.4793	30.34	3.31	-42.71	51.47	42.41	74.00	31.59	Pass	H	Peak
3	3061.0041	33.22	4.81	-43.10	50.89	45.82	74.00	28.18	Pass	H	Peak
4	4844.0000	34.50	4.66	-42.80	47.04	43.40	74.00	30.60	Pass	H	Peak
5	7266.0000	36.37	5.80	-42.15	47.66	47.68	74.00	26.32	Pass	H	Peak
6	9688.0000	37.68	6.62	-42.10	46.26	48.46	74.00	25.54	Pass	H	Peak
7	1440.0440	28.34	2.94	-42.85	54.37	42.80	74.00	31.20	Pass	V	Peak
8	1975.4976	31.54	3.45	-43.15	51.24	43.08	74.00	30.92	Pass	V	Peak
9	2993.1993	33.19	4.53	-43.10	51.60	46.22	74.00	27.78	Pass	V	Peak
10	4844.0000	34.50	4.66	-42.80	47.34	43.70	74.00	30.30	Pass	V	Peak
11	7266.0000	36.37	5.80	-42.15	46.06	46.08	74.00	27.92	Pass	V	Peak
12	9688.0000	37.68	6.62	-42.10	46.60	48.80	74.00	25.20	Pass	V	Peak

Mode:		802.11 n (HT40) (13.5Mbps)				Channel:		2437			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1275.8276	28.18	2.72	-42.82	51.87	39.95	74.00	34.05	Pass	H	Peak
2	1921.2921	31.18	3.42	-43.01	50.72	42.31	74.00	31.69	Pass	H	Peak
3	3796.0531	33.64	4.37	-43.05	50.34	45.30	74.00	28.70	Pass	H	Peak
4	4874.0000	34.50	4.78	-42.80	47.13	43.61	74.00	30.39	Pass	H	Peak
5	7311.0000	36.41	5.85	-42.14	47.71	47.83	74.00	26.17	Pass	H	Peak
6	9748.0000	37.70	6.77	-42.10	47.67	50.04	74.00	23.96	Pass	H	Peak
7	1439.8440	28.34	2.94	-42.85	54.88	43.31	74.00	30.69	Pass	V	Peak
8	2999.3999	33.20	4.55	-43.10	51.96	46.61	74.00	27.39	Pass	V	Peak
9	3844.0563	33.68	4.36	-43.03	49.81	44.82	74.00	29.18	Pass	V	Peak
10	4874.0000	34.50	4.78	-42.80	47.09	43.57	74.00	30.43	Pass	V	Peak
11	7311.0000	36.41	5.85	-42.14	46.98	47.10	74.00	26.90	Pass	V	Peak
12	9748.0000	37.70	6.77	-42.10	47.94	50.31	74.00	23.69	Pass	V	Peak

Mode:		802.11 n (HT40) (13.5Mbps)				Channel:		2452			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1304.4304	28.20	2.76	-42.78	51.77	39.95	74.00	34.05	Pass	H	Peak
2	1680.4680	29.59	3.18	-42.71	51.48	41.54	74.00	32.46	Pass	H	Peak
3	3062.0041	33.22	4.80	-43.09	50.55	45.48	74.00	28.52	Pass	H	Peak
4	4904.0000	34.50	4.88	-42.80	47.31	43.89	74.00	30.11	Pass	H	Peak
5	7356.0000	36.46	5.85	-42.13	47.31	47.49	74.00	26.51	Pass	H	Peak
6	9808.0000	37.72	6.59	-42.10	46.49	48.70	74.00	25.30	Pass	H	Peak
7	1440.0440	28.34	2.94	-42.85	54.89	43.32	74.00	30.68	Pass	V	Peak
8	2935.7936	33.10	4.39	-43.10	51.83	46.22	74.00	27.78	Pass	V	Peak
9	3961.0641	33.77	4.34	-43.01	49.78	44.88	74.00	29.12	Pass	V	Peak
10	4904.0000	34.50	4.88	-42.80	47.78	44.36	74.00	29.64	Pass	V	Peak
11	7356.0000	36.46	5.85	-42.13	47.01	47.19	74.00	26.81	Pass	V	Peak
12	9808.0000	37.72	6.59	-42.10	46.46	48.67	74.00	25.33	Pass	V	Peak

Note:

1) Through Pre-scan transmitting mode and charge+transmitter mode with all kind of modulation and data rate, find the 11Mbps of rate is the worst case of 802.11b; 6Mbps of rate is the worst case of 802.11g; 6.5Mbps of rate is the worst case of 802.11n(HT20) ; 13.5Mbps of rate is the worst case of 802.11n(HT40), and then Only the worst case is recorded in the report.

2) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level = Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor - Antenna Factor - Cable Factor

3) Scan from 9kHz to 25GHz, the disturbance above 13GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.