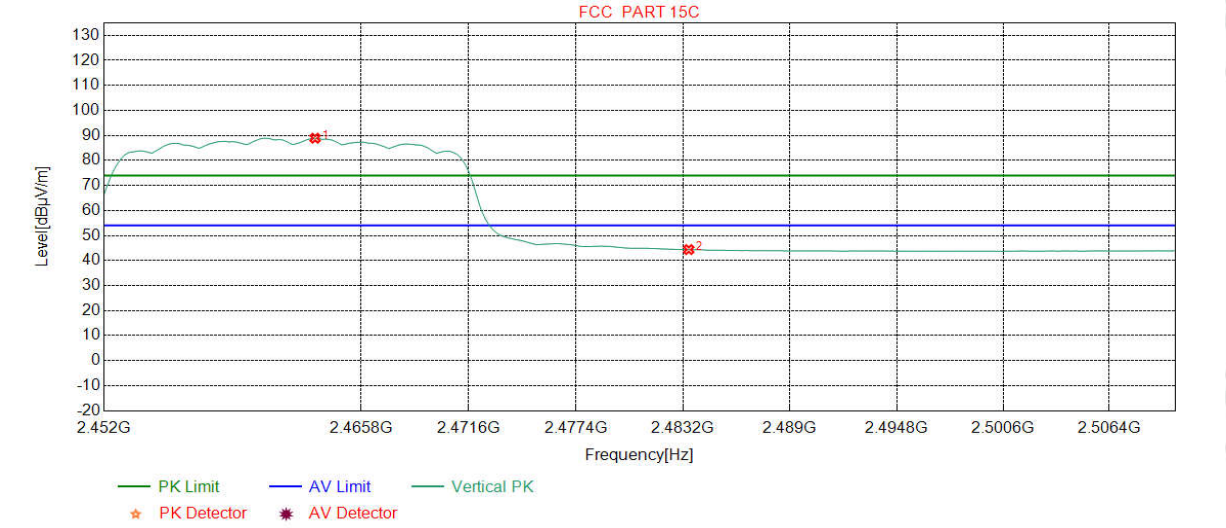
Mode:	802.11 n(HT20) (6.5Mbps) Transmitting	Channel:	2462
Remark:	AV		

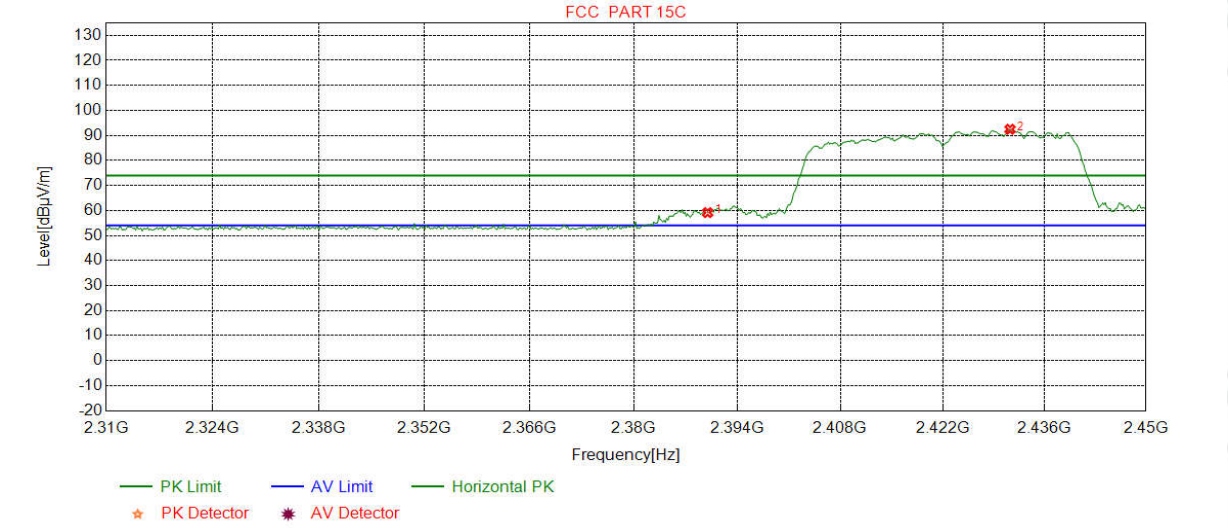
Test Graph



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	2463.3242	32.35	13.47	-42.41	85.48	88.89	54.00	-34.89	Pass	Vertical
2	2483.5000	32.38	13.38	-42.40	41.01	44.37	54.00	9.63	Pass	Vertical

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

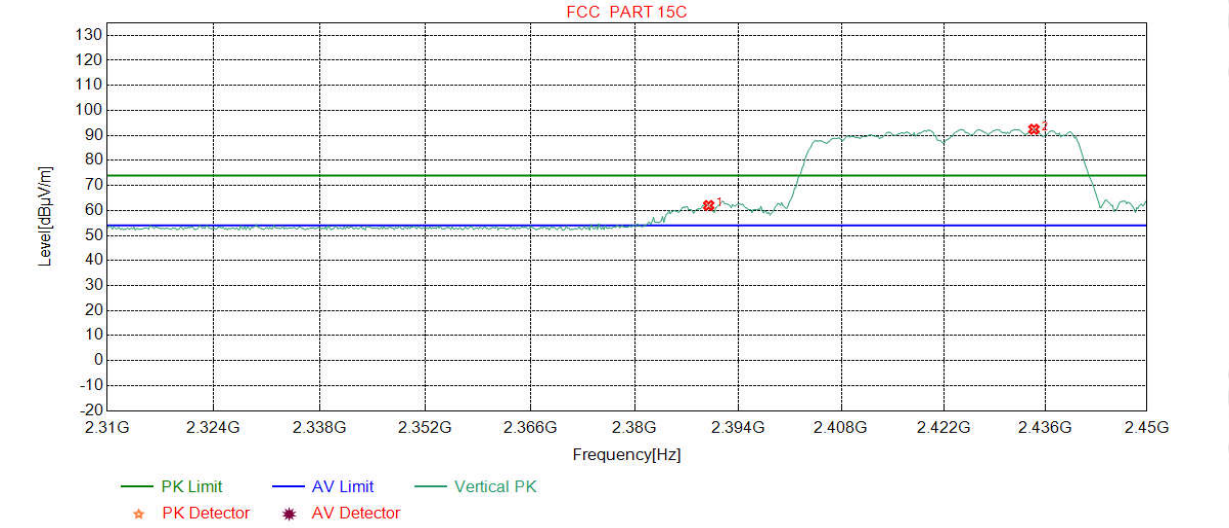
Test Graph



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	-42.44	55.97	59.15	74.00	14.85	Pass	Horizontal
2	2431.2516	32.30	13.44	-42.41	89.13	92.46	74.00	-18.46	Pass	Horizontal

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

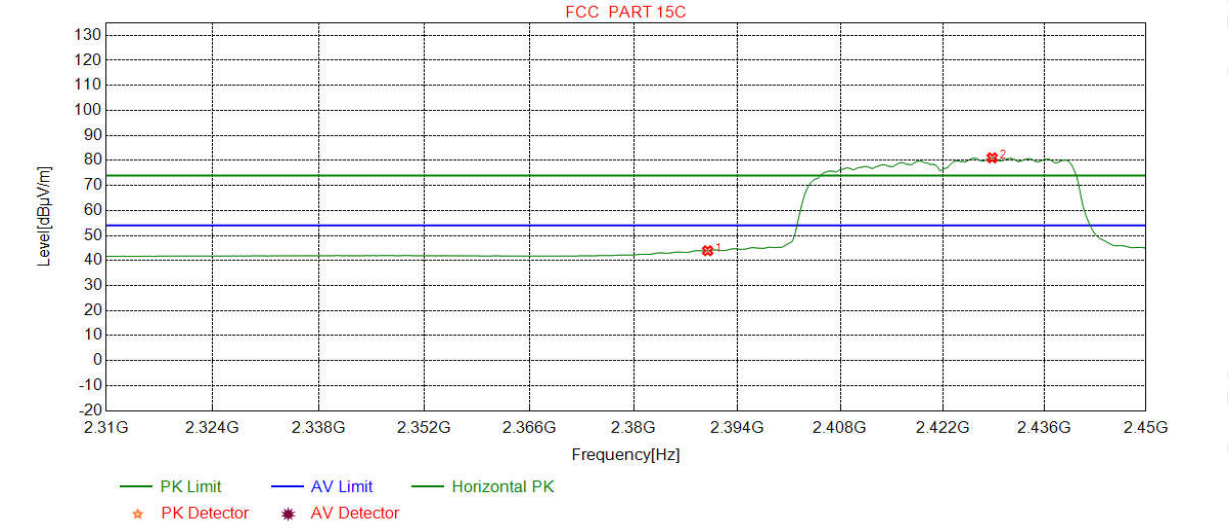
Test Graph



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	-42.44	58.81	61.99	74.00	12.01	Pass	Vertical
2	2434.4055	32.31	13.46	-42.42	89.12	92.47	74.00	-18.47	Pass	Vertical

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

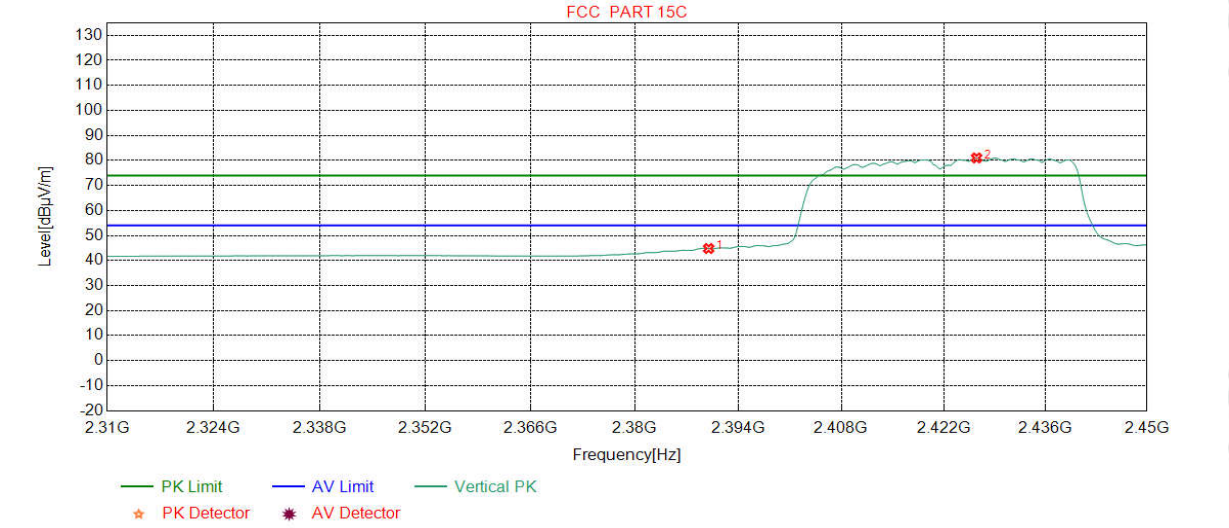
Test Graph



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	-42.44	40.72	43.90	54.00	10.10	Pass	Horizontal
2	2428.7985	32.30	13.43	-42.42	77.74	81.05	54.00	-27.05	Pass	Horizontal

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

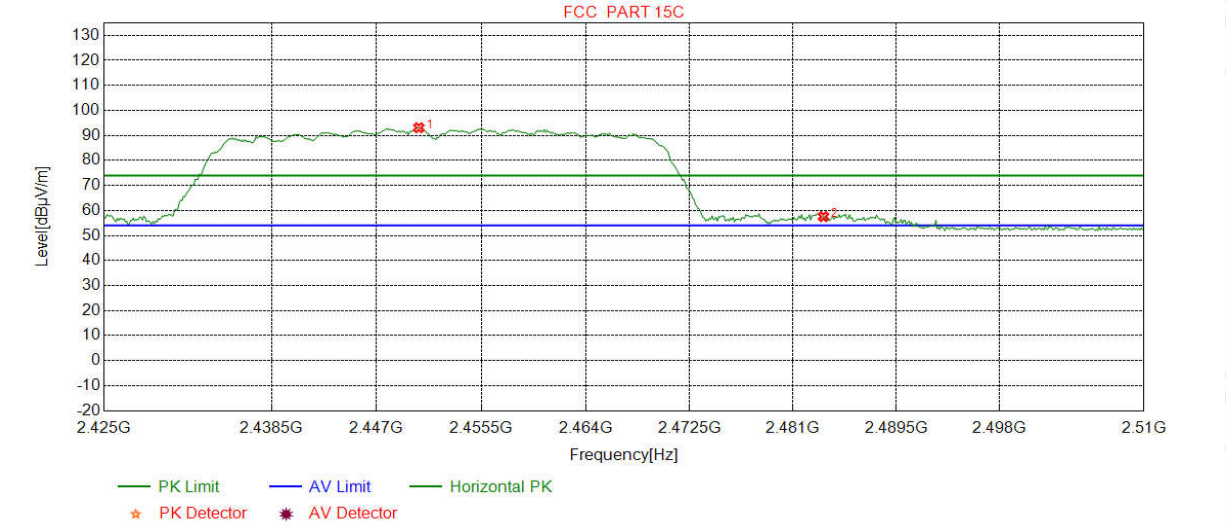
Test Graph



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	-42.44	41.62	44.80	54.00	9.20	Pass	Vertical
2	2426.5207	32.30	13.42	-42.42	77.71	81.01	54.00	-27.01	Pass	Vertical

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

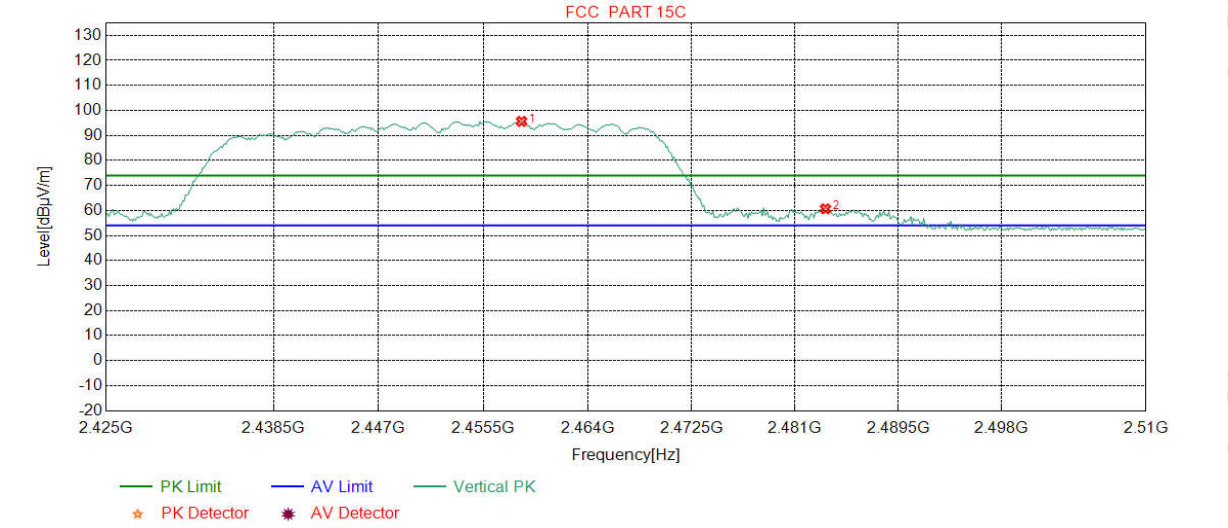
Test Graph



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	2450.4255	32.33	13.53	-42.41	89.63	93.08	74.00	-19.08	Pass	Horizontal
2	2483.5000	32.38	13.38	-42.40	54.20	57.56	74.00	16.44	Pass	Horizontal

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

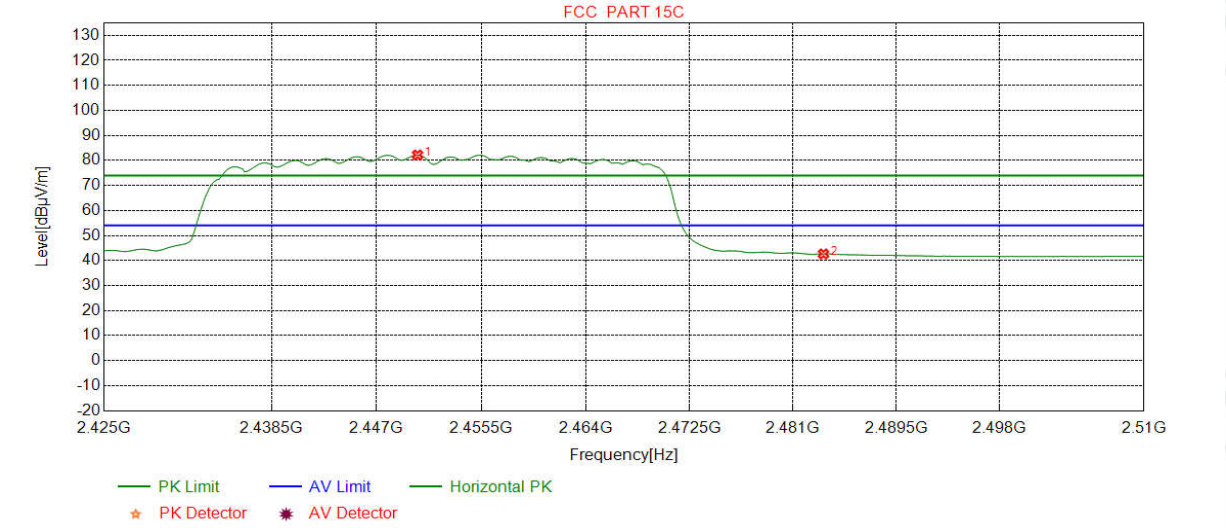
Test Graph



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	2458.6170	32.34	13.49	-42.41	92.19	95.61	74.00	-21.61	Pass	Vertical
2	2483.5000	32.38	13.38	-42.40	57.31	60.67	74.00	13.33	Pass	Vertical

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

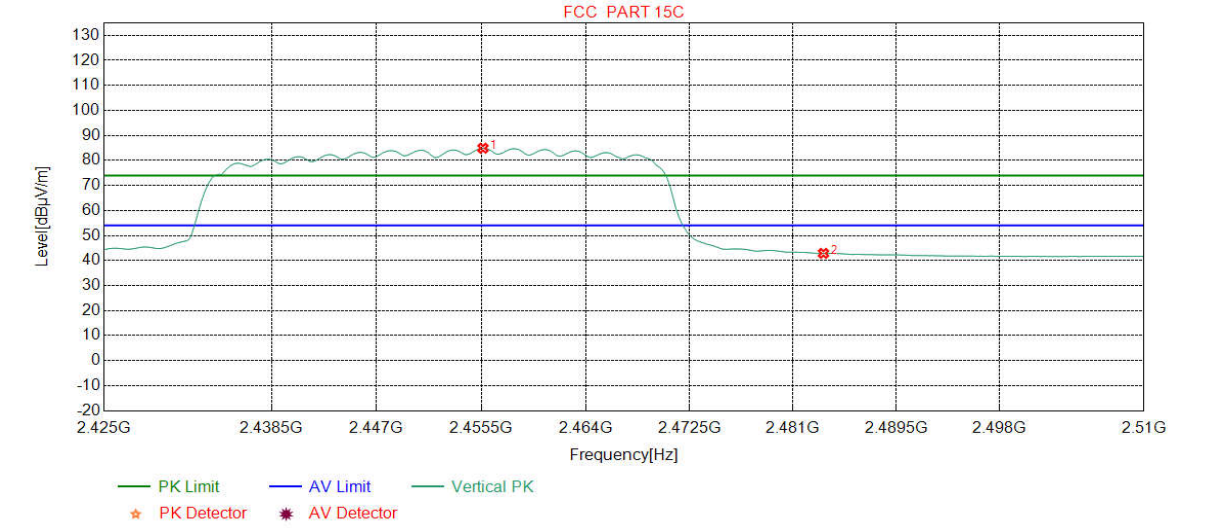
Test Graph



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	2450.3191	32.33	13.53	-42.41	78.72	82.17	54.00	-28.17	Pass	Horizontal
2	2483.5000	32.38	13.38	-42.40	39.28	42.64	54.00	11.36	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	2455.6383	32.34	13.50	-42.41	81.46	84.89	54.00	-30.89	Pass	Vertical
2	2483.5000	32.38	13.38	-42.40	39.51	42.87	54.00	11.13	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; 6Mbpsof 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:

Test method Refer as KDB 558074 D01

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

Antenna 1:

Mode:		802.11 b(11Mbps) 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	71.3261	8.75	0.97	-32.06	59.18	36.84	40.00	3.16	Pass	H	PK
2	144.3744	7.35	1.42	-32.00	62.44	39.21	43.50	4.29	Pass	H	PK
3	243.5184	12.03	1.85	-31.89	49.95	31.94	46.00	14.06	Pass	H	PK
4	360.0270	14.52	2.27	-31.84	47.84	32.79	46.00	13.21	Pass	H	PK
5	552.0092	18.04	2.80	-31.97	44.27	33.14	46.00	12.86	Pass	H	PK
6	960.0320	22.46	3.71	-31.09	36.59	31.67	54.00	22.33	Pass	H	PK
7	70.4530	8.91	0.96	-32.05	49.84	27.66	40.00	12.34	Pass	V	PK
8	168.0448	8.34	1.52	-31.96	50.10	28.00	43.50	15.50	Pass	V	PK
9	208.8859	11.13	1.71	-31.94	46.70	27.60	43.50	15.90	Pass	V	PK
10	360.0270	14.52	2.27	-31.84	45.10	30.05	46.00	15.95	Pass	V	PK
11	552.0092	18.04	2.80	-31.97	43.19	32.06	46.00	13.94	Pass	V	PK
12	743.9914	20.28	3.27	-32.09	40.14	31.60	46.00	14.40	Pass	V	PK

Antenna 2:

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	71.1321	8.78	0.96	-32.04	59.16	36.86	40.00	3.14	Pass	H	PK
2	153.4933	7.67	1.46	-32.00	60.65	37.78	43.50	5.72	Pass	H	PK
3	244.7795	12.06	1.86	-31.90	49.48	31.50	46.00	14.50	Pass	H	PK
4	360.0270	14.52	2.27	-31.84	47.76	32.71	46.00	13.29	Pass	H	PK
5	552.0092	18.04	2.80	-31.97	43.63	32.50	46.00	13.50	Pass	H	PK
6	695.9716	19.77	3.16	-32.09	39.90	30.74	46.00	15.26	Pass	H	PK
7	69.1919	9.21	0.95	-32.05	49.89	28.00	40.00	12.00	Pass	V	PK
8	168.0448	8.34	1.52	-31.96	50.16	28.06	43.50	15.44	Pass	V	PK
9	208.8859	11.13	1.71	-31.94	46.99	27.89	43.50	15.61	Pass	V	PK
10	360.0270	14.52	2.27	-31.84	45.04	29.99	46.00	16.01	Pass	V	PK
11	552.0092	18.04	2.80	-31.97	43.25	32.12	46.00	13.88	Pass	V	PK
12	743.9914	20.28	3.27	-32.09	40.79	32.25	46.00	13.75	Pass	V	PK

MIMO:

Mode:		802.11 n(HT20) (6.5Mbps) 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	65.6996	10.12	0.92	-32.04	56.15	35.15	40.00	4.85	Pass	H	PK
2	76.8557	7.70	1.02	-32.07	58.57	35.22	40.00	4.78	Pass	H	PK
3	143.6954	7.33	1.41	-32.00	61.35	38.09	43.50	5.41	Pass	H	PK
4	244.8765	12.07	1.86	-31.90	51.85	33.88	46.00	12.12	Pass	H	PK
5	360.0270	14.52	2.27	-31.84	49.83	34.78	46.00	11.22	Pass	H	PK
6	716.4406	19.98	3.21	-32.09	40.78	31.88	46.00	14.12	Pass	H	PK
7	69.1919	9.21	0.95	-32.05	49.81	27.92	40.00	12.08	Pass	V	PK
8	168.0448	8.34	1.52	-31.96	50.23	28.13	43.50	15.37	Pass	V	PK
9	243.4213	12.03	1.85	-31.90	49.14	31.12	46.00	14.88	Pass	V	PK
10	360.0270	14.52	2.27	-31.84	46.59	31.54	46.00	14.46	Pass	V	PK
11	717.2167	19.99	3.21	-32.09	40.66	31.77	46.00	14.23	Pass	V	PK
12	908.0348	22.15	3.60	-31.50	41.63	35.88	46.00	10.12	Pass	V	PK

Transmitter Emission above 1GHz
Antenna 1:

Mode:		802.11 b(11Mbps) 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	1401.8402	28.30	2.90	-42.68	52.52	41.04	74.00	32.96	Pass	H	PK
2	1813.2813	30.47	3.34	-42.71	52.66	43.76	74.00	30.24	Pass	H	PK
3	4233.0822	34.13	4.50	-40.84	49.28	47.07	74.00	26.93	Pass	H	PK
4	4826.1217	34.50	4.61	-40.64	51.48	49.95	74.00	24.05	Pass	H	PK
5	7236.0000	36.34	5.79	-40.99	47.12	48.26	74.00	25.74	Pass	H	PK
6	9648.0000	37.66	6.72	-40.73	46.39	50.04	74.00	23.96	Pass	H	PK
7	1282.4282	28.18	2.73	-42.81	52.08	40.18	74.00	33.82	Pass	V	PK
8	1920.2920	31.17	3.42	-42.65	51.27	43.21	74.00	30.79	Pass	V	PK
9	4030.0687	33.84	4.33	-40.79	51.84	49.22	74.00	24.78	Pass	V	PK
10	4827.1218	34.50	4.62	-40.65	51.64	50.11	74.00	23.89	Pass	V	PK
11	7236.0000	36.34	5.79	-40.99	46.86	48.00	74.00	26.00	Pass	V	PK
12	9648.0000	37.66	6.72	-40.73	46.12	49.77	74.00	24.23	Pass	V	PK

Mode:		802.11 b(11Mbps) 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	1403.2403	28.30	2.90	-42.67	51.97	40.50	74.00	33.50	Pass	H	PK
2	1917.0917	31.15	3.42	-42.65	51.66	43.58	74.00	30.42	Pass	H	PK
3	3938.0625	33.75	4.34	-40.91	49.71	46.89	74.00	27.11	Pass	H	PK
4	4874.0000	34.50	4.78	-40.61	51.55	50.22	74.00	23.78	Pass	H	PK
5	7311.0000	36.41	5.85	-40.93	46.69	48.02	74.00	25.98	Pass	H	PK
6	9748.0000	37.70	6.77	-40.63	47.11	50.95	74.00	23.05	Pass	H	PK
7	1806.8807	30.43	3.33	-42.71	53.84	44.89	74.00	29.11	Pass	V	PK
8	3948.0632	33.76	4.34	-40.89	50.79	48.00	74.00	26.00	Pass	V	PK
9	4874.0000	34.50	4.78	-40.61	50.48	49.15	74.00	24.85	Pass	V	PK
10	6473.2315	35.89	5.50	-41.18	49.45	49.66	74.00	24.34	Pass	V	PK
11	7311.0000	36.41	5.85	-40.93	46.07	47.40	74.00	26.60	Pass	V	PK
12	9748.0000	37.70	6.77	-40.63	46.47	50.31	74.00	23.69	Pass	V	PK

Mode:		802.11 b(11Mbps) 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	1626.2626	29.23	3.11	-42.84	51.68	41.18	74.00	32.82	Pass	H	PK
2	1978.4979	31.56	3.45	-42.62	50.86	43.25	74.00	30.75	Pass	H	PK
3	3172.0115	33.27	4.61	-42.02	50.27	46.13	74.00	27.87	Pass	H	PK
4	5001.1334	34.50	4.82	-40.50	50.74	49.56	74.00	24.44	Pass	H	PK
5	7386.0000	36.49	5.85	-40.87	47.65	49.12	74.00	24.88	Pass	H	PK
6	9848.0000	37.74	6.83	-40.54	46.27	50.30	74.00	23.70	Pass	H	PK
7	1473.0473	28.37	2.97	-42.67	58.52	47.19	74.00	26.81	Pass	V	PK
8	3028.0019	33.21	4.87	-42.10	50.00	45.98	74.00	28.02	Pass	V	PK
9	3978.0652	33.78	4.33	-40.82	50.10	47.39	74.00	26.61	Pass	V	PK
10	4924.0000	34.50	4.85	-40.56	50.15	48.94	74.00	25.06	Pass	V	PK
11	7386.0000	36.49	5.85	-40.87	46.23	47.70	74.00	26.30	Pass	V	PK
12	9848.0000	37.74	6.83	-40.54	46.77	50.80	74.00	23.20	Pass	V	PK

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	1699.8700	29.72	3.20	-42.66	51.71	41.97	74.00	32.03	Pass	H	PK
2	2050.5051	31.77	3.56	-42.59	51.00	43.74	74.00	30.26	Pass	H	PK
3	3934.0623	33.75	4.34	-40.92	50.11	47.28	74.00	26.72	Pass	H	PK
4	4824.0000	34.50	4.61	-40.65	46.35	44.81	74.00	29.19	Pass	H	PK
5	7236.0000	36.34	5.79	-40.99	45.80	46.94	74.00	27.06	Pass	H	PK
6	9648.0000	37.66	6.72	-40.73	48.27	51.92	74.00	22.08	Pass	H	PK
7	1508.4508	28.46	3.00	-42.70	51.85	40.61	74.00	33.39	Pass	V	PK
8	1934.4934	31.27	3.42	-42.65	50.32	42.36	74.00	31.64	Pass	V	PK
9	4824.0000	34.50	4.61	-40.65	46.72	45.18	74.00	28.82	Pass	V	PK
10	5541.1694	35.07	5.16	-40.68	49.51	49.06	74.00	24.94	Pass	V	PK
11	7236.0000	36.34	5.79	-40.99	46.69	47.83	74.00	26.17	Pass	V	PK
12	9662.4442	37.66	6.69	-40.71	49.57	53.21	74.00	20.79	Pass	V	PK

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	1439.8440	28.34	2.94	-42.68	51.34	39.94	74.00	34.06	Pass	H	PK
2	1918.6919	31.16	3.42	-42.65	51.60	43.53	74.00	30.47	Pass	H	PK
3	4874.0000	34.50	4.78	-40.61	47.85	46.52	74.00	27.48	Pass	H	PK
4	5515.1677	35.02	5.16	-40.65	49.89	49.42	74.00	24.58	Pass	H	PK
5	7311.0000	36.41	5.85	-40.93	46.31	47.64	74.00	26.36	Pass	H	PK
6	9748.0000	37.70	6.77	-40.63	48.30	52.14	74.00	21.86	Pass	H	PK
7	1949.0949	31.36	3.42	-42.63	49.92	42.07	74.00	31.93	Pass	V	PK
8	2663.7664	32.66	4.10	-42.30	53.24	47.70	74.00	26.30	Pass	V	PK
9	4084.0723	33.92	4.32	-40.80	49.29	46.73	74.00	27.27	Pass	V	PK
10	4874.0000	34.50	4.78	-40.61	46.67	45.34	74.00	28.66	Pass	V	PK
11	7311.0000	36.41	5.85	-40.93	45.67	47.00	74.00	27.00	Pass	V	PK
12	9748.0000	37.70	6.77	-40.63	47.13	50.97	74.00	23.03	Pass	V	PK

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	1488.4488	28.39	2.98	-42.67	50.87	39.57	74.00	34.43	Pass	H	PK
2	1924.8925	31.20	3.42	-42.64	52.29	44.27	74.00	29.73	Pass	H	PK
3	3779.0519	33.62	4.36	-41.23	50.61	47.36	74.00	26.64	Pass	H	PK
4	4924.0000	34.50	4.85	-40.56	47.61	46.40	74.00	27.60	Pass	H	PK
5	7386.0000	36.49	5.85	-40.87	46.06	47.53	74.00	26.47	Pass	H	PK
6	9848.0000	37.74	6.83	-40.54	46.43	50.46	74.00	23.54	Pass	H	PK
7	1915.6916	31.14	3.42	-42.65	50.93	42.84	74.00	31.16	Pass	V	PK
8	4083.0722	33.92	4.32	-40.80	51.71	49.15	74.00	24.85	Pass	V	PK
9	4924.0000	34.50	4.85	-40.56	47.40	46.19	74.00	27.81	Pass	V	PK
10	6365.2243	35.87	5.41	-41.16	49.62	49.74	74.00	24.26	Pass	V	PK
11	7386.0000	36.49	5.85	-40.87	46.14	47.61	74.00	26.39	Pass	V	PK
12	9848.0000	37.74	6.83	-40.54	46.34	50.37	74.00	23.63	Pass	V	PK

Mode:		802.11 n(HT20) (6.5Mbps) 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	1917.4917	31.16	3.42	-42.66	51.52	43.44	74.00	30.56	Pass	H	PK
2	2724.9725	32.76	4.13	-42.26	51.57	46.20	74.00	27.80	Pass	H	PK
3	3866.0577	33.69	4.35	-41.05	49.93	46.92	74.00	27.08	Pass	H	PK
4	4824.0000	34.50	4.61	-40.65	47.90	46.36	74.00	27.64	Pass	H	PK
5	7236.0000	36.34	5.79	-40.99	46.45	47.59	74.00	26.41	Pass	H	PK
6	9648.0000	37.66	6.72	-40.73	48.30	51.95	74.00	22.05	Pass	H	PK
7	2157.1157	31.92	3.65	-42.54	51.20	44.23	74.00	29.77	Pass	V	PK
8	3893.0595	33.71	4.34	-41.00	50.51	47.56	74.00	26.44	Pass	V	PK
9	4824.0000	34.50	4.61	-40.65	47.33	45.79	74.00	28.21	Pass	V	PK
10	6353.2235	35.87	5.45	-41.16	49.52	49.68	74.00	24.32	Pass	V	PK
11	7236.0000	36.34	5.79	-40.99	46.38	47.52	74.00	26.48	Pass	V	PK
12	9648.0000	37.66	6.72	-40.73	47.74	51.39	74.00	22.61	Pass	V	PK

Mode:		802.11 n(HT20) (6.5Mbps) 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	1917.8918	31.16	3.42	-42.65	52.25	44.18	74.00	29.82	Pass	H	PK
2	2928.9929	33.09	4.39	-42.16	50.51	45.83	74.00	28.17	Pass	H	PK
3	4331.0887	34.26	4.47	-40.86	49.12	46.99	74.00	27.01	Pass	H	PK
4	4874.0000	34.50	4.78	-40.61	47.67	46.34	74.00	27.66	Pass	H	PK
5	7311.0000	36.41	5.85	-40.93	45.95	47.28	74.00	26.72	Pass	H	PK
6	9748.0000	37.70	6.77	-40.63	47.06	50.90	74.00	23.10	Pass	H	PK
7	1332.6333	28.23	2.80	-42.75	50.68	38.96	74.00	35.04	Pass	V	PK
8	1720.6721	29.86	3.21	-42.67	50.84	41.24	74.00	32.76	Pass	V	PK
9	3996.0664	33.80	4.33	-40.79	49.48	46.82	74.00	27.18	Pass	V	PK
10	4874.0000	34.50	4.78	-40.61	47.35	46.02	74.00	27.98	Pass	V	PK
11	7311.0000	36.41	5.85	-40.93	46.58	47.91	74.00	26.09	Pass	V	PK
12	9748.0000	37.70	6.77	-40.63	47.53	51.37	74.00	22.63	Pass	V	PK

Mode:		802.11 n(HT20) (6.5Mbps) 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	1918.0918	31.16	3.42	-42.65	51.51	43.44	74.00	30.56	Pass	H	PK
2	3033.0022	33.21	4.86	-42.09	50.31	46.29	74.00	27.71	Pass	H	PK
3	5012.1341	34.51	4.83	-40.50	50.62	49.46	74.00	24.54	Pass	H	PK
4	5529.1686	35.05	5.16	-40.67	49.94	49.48	74.00	24.52	Pass	H	PK
5	7386.0000	36.49	5.85	-40.87	46.33	47.80	74.00	26.20	Pass	H	PK
6	9848.0000	37.74	6.83	-40.54	45.62	49.65	74.00	24.35	Pass	H	PK
7	1643.4643	29.35	3.13	-42.80	50.99	40.67	74.00	33.33	Pass	V	PK
8	2024.1024	31.73	3.51	-42.59	50.69	43.34	74.00	30.66	Pass	V	PK
9	3284.0189	33.31	4.54	-41.95	49.93	45.83	74.00	28.17	Pass	V	PK
10	4924.0000	34.50	4.85	-40.56	47.51	46.30	74.00	27.70	Pass	V	PK
11	7386.0000	36.49	5.85	-40.87	46.51	47.98	74.00	26.02	Pass	V	PK
12	9848.0000	37.74	6.83	-40.54	45.91	49.94	74.00	24.06	Pass	V	PK

Mode:		802.11 n(HT40) (13.5Mbps) Transmitting						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	Remark
1	1670.8671	29.53	3.17	-42.74	51.77	41.73	74.00	32.27	Pass	H	PK
2	1920.4920	31.18	3.42	-42.65	54.69	46.64	74.00	27.36	Pass	H	PK
3	4844.0000	34.50	4.66	-40.62	46.58	45.12	74.00	28.88	Pass	H	PK
4	5508.1672	35.01	5.16	-40.64	50.42	49.95	74.00	24.05	Pass	H	PK
5	7266.0000	36.37	5.80	-40.97	46.57	47.77	74.00	26.23	Pass	H	PK
6	9688.0000	37.68	6.62	-40.69	48.71	52.32	74.00	21.68	Pass	H	PK
7	1677.4677	29.57	3.17	-42.71	51.50	41.53	74.00	32.47	Pass	V	PK
8	1993.6994	31.66	3.46	-42.61	51.10	43.61	74.00	30.39	Pass	V	PK
9	3915.0610	33.73	4.34	-40.95	49.52	46.64	74.00	27.36	Pass	V	PK
10	4844.0000	34.50	4.66	-40.62	47.74	46.28	74.00	27.72	Pass	V	PK
11	7266.0000	36.37	5.80	-40.97	45.15	46.35	74.00	27.65	Pass	V	PK
12	9688.0000	37.68	6.62	-40.69	47.59	51.20	74.00	22.80	Pass	V	PK

Mode:		802.11 n(HT40) (13.5Mbps) 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	1918.2918	31.16	3.42	-42.65	52.15	44.08	74.00	29.92	Pass	H	PK
2	2948.3948	33.12	4.40	-42.15	50.72	46.09	74.00	27.91	Pass	H	PK
3	3831.0554	33.66	4.36	-41.12	49.99	46.89	74.00	27.11	Pass	H	PK
4	4874.0000	34.50	4.78	-40.61	46.56	45.23	74.00	28.77	Pass	H	PK
5	7311.0000	36.41	5.85	-40.93	45.77	47.10	74.00	26.90	Pass	H	PK
6	9748.0000	37.70	6.77	-40.63	47.80	51.64	74.00	22.36	Pass	H	PK
7	2079.5080	31.81	3.57	-42.57	50.95	43.76	74.00	30.24	Pass	V	PK
8	3791.0527	33.63	4.37	-41.22	50.35	47.13	74.00	26.87	Pass	V	PK
9	4874.0000	34.50	4.78	-40.61	47.33	46.00	74.00	28.00	Pass	V	PK
10	6480.2320	35.90	5.49	-41.19	48.76	48.96	74.00	25.04	Pass	V	PK
11	7354.2903	36.45	5.85	-40.89	47.73	49.14	74.00	24.86	Pass	V	PK
12	9621.4414	37.65	6.66	-40.75	49.93	53.49	74.00	20.51	Pass	V	PK

Mode:		802.11 n(HT40) (13.5Mbps) Transmitting						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	Remark
1	1710.2710	29.79	3.21	-42.67	50.70	41.03	74.00	32.97	Pass	H	PK
2	2076.1076	31.81	3.57	-42.58	51.11	43.91	74.00	30.09	Pass	H	PK
3	3123.0082	33.25	4.65	-42.05	49.76	45.61	74.00	28.39	Pass	H	PK
4	4861.1241	34.50	4.72	-40.61	48.69	47.30	74.00	26.70	Pass	H	PK
5	7356.0000	36.46	5.85	-40.89	46.48	47.90	74.00	26.10	Pass	H	PK
6	9808.0000	37.72	6.59	-40.57	46.85	50.59	74.00	23.41	Pass	H	PK
7	1479.8480	28.38	2.97	-42.67	52.25	40.93	74.00	33.07	Pass	V	PK
8	2063.5064	31.79	3.57	-42.59	50.99	43.76	74.00	30.24	Pass	V	PK
9	3078.0052	33.23	4.77	-42.07	49.86	45.79	74.00	28.21	Pass	V	PK
10	4857.1238	34.50	4.71	-40.62	48.59	47.18	74.00	26.82	Pass	V	PK
11	7356.0000	36.46	5.85	-40.89	46.19	47.61	74.00	26.39	Pass	V	PK
12	9808.0000	37.72	6.59	-40.57	46.78	50.52	74.00	23.48	Pass	V	PK

Antenna 2:

Mode:		802.11 b(11Mbps) 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	1418.6419	28.32	2.92	-42.68	52.05	40.61	74.00	33.39	Pass	H	PK
2	1920.6921	31.18	3.42	-42.65	56.06	48.01	74.00	25.99	Pass	H	PK
3	2963.1963	33.14	4.44	-42.14	51.50	46.94	74.00	27.06	Pass	H	PK
4	4824.0000	34.50	4.61	-40.65	54.74	53.20	74.00	20.80	Pass	H	PK
5	7236.0000	36.34	5.79	-40.99	46.05	47.19	74.00	26.81	Pass	H	PK
6	9648.0000	37.66	6.72	-40.73	47.42	51.07	74.00	22.93	Pass	H	PK
7	1500.0500	28.40	2.99	-42.67	53.51	42.23	74.00	31.77	Pass	V	PK
8	4124.0749	33.97	4.41	-40.81	50.12	47.69	74.00	26.31	Pass	V	PK
9	4824.0000	34.50	4.61	-40.65	53.77	52.23	74.00	21.77	Pass	V	PK
10	6396.2264	35.88	5.32	-41.17	49.79	49.82	74.00	24.18	Pass	V	PK
11	7236.0000	36.34	5.79	-40.99	47.49	48.63	74.00	25.37	Pass	V	PK
12	9648.0000	37.66	6.72	-40.73	47.23	50.88	74.00	23.12	Pass	V	PK

Mode:		802.11 b(11Mbps) 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	2037.9038	31.75	3.54	-42.59	50.55	43.25	74.00	30.75	Pass	H	PK
2	3717.0478	33.57	4.28	-41.37	49.90	46.38	74.00	27.62	Pass	H	PK
3	4874.0000	34.50	4.78	-40.61	53.19	51.86	74.00	22.14	Pass	H	PK
4	6443.2295	35.89	5.49	-41.18	49.56	49.76	74.00	24.24	Pass	H	PK
5	7311.0000	36.41	5.85	-40.93	46.51	47.84	74.00	26.16	Pass	H	PK
6	9748.0000	37.70	6.77	-40.63	47.49	51.33	74.00	22.67	Pass	H	PK
7	1808.4808	30.44	3.33	-42.71	53.36	44.42	74.00	29.58	Pass	V	PK
8	3934.0623	33.75	4.34	-40.92	49.83	47.00	74.00	27.00	Pass	V	PK
9	4874.0000	34.50	4.78	-40.61	51.38	50.05	74.00	23.95	Pass	V	PK
10	6383.2255	35.88	5.36	-41.17	49.61	49.68	74.00	24.32	Pass	V	PK
11	7311.0000	36.41	5.85	-40.93	46.25	47.58	74.00	26.42	Pass	V	PK
12	9748.0000	37.70	6.77	-40.63	47.33	51.17	74.00	22.83	Pass	V	PK

Mode:		802.11 b(11Mbps) 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	1407.4407	28.31	2.91	-42.68	53.74	42.28	74.00	31.72	Pass	H	PK
2	1775.4775	30.22	3.28	-42.70	52.00	42.80	74.00	31.20	Pass	H	PK
3	3906.0604	33.72	4.34	-40.97	49.61	46.70	74.00	27.30	Pass	H	PK
4	4924.0000	34.50	4.85	-40.56	52.01	50.80	74.00	23.20	Pass	H	PK
5	7386.0000	36.49	5.85	-40.87	45.93	47.40	74.00	26.60	Pass	H	PK
6	9848.0000	37.74	6.83	-40.54	47.10	51.13	74.00	22.87	Pass	H	PK
7	1803.2803	30.40	3.32	-42.70	52.92	43.94	74.00	30.06	Pass	V	PK
8	3067.0045	33.23	4.79	-42.08	50.69	46.63	74.00	27.37	Pass	V	PK
9	3746.0497	33.60	4.34	-41.31	49.56	46.19	74.00	27.81	Pass	V	PK
10	4924.0000	34.50	4.85	-40.56	49.89	48.68	74.00	25.32	Pass	V	PK
11	7386.0000	36.49	5.85	-40.87	46.68	48.15	74.00	25.85	Pass	V	PK
12	9848.0000	37.74	6.83	-40.54	45.75	49.78	74.00	24.22	Pass	V	PK

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	1403.0403	28.30	2.90	-42.67	52.84	41.37	74.00	32.63	Pass	H	PK
2	1803.8804	30.41	3.32	-42.71	53.32	44.34	74.00	29.66	Pass	H	PK
3	3788.0525	33.63	4.37	-41.23	50.74	47.51	74.00	26.49	Pass	H	PK
4	4824.0000	34.50	4.61	-40.65	48.25	46.71	74.00	27.29	Pass	H	PK
5	7236.0000	36.34	5.79	-40.99	46.61	47.75	74.00	26.25	Pass	H	PK
6	9648.0000	37.66	6.72	-40.73	47.97	51.62	74.00	22.38	Pass	H	PK
7	1807.2807	30.43	3.33	-42.71	52.63	43.68	74.00	30.32	Pass	V	PK
8	2202.9203	31.98	3.66	-42.52	54.36	47.48	74.00	26.52	Pass	V	PK
9	3497.0331	33.40	4.49	-41.83	49.29	45.35	74.00	28.65	Pass	V	PK
10	4824.0000	34.50	4.61	-40.65	48.67	47.13	74.00	26.87	Pass	V	PK
11	7236.0000	36.34	5.79	-40.99	47.27	48.41	74.00	25.59	Pass	V	PK
12	9648.0000	37.66	6.72	-40.73	46.84	50.49	74.00	23.51	Pass	V	PK

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	1415.0415	28.32	2.92	-42.69	53.16	41.71	74.00	32.29	Pass	H	PK
2	2054.1054	31.78	3.56	-42.59	50.84	43.59	74.00	30.41	Pass	H	PK
3	3372.0248	33.35	4.54	-41.90	49.22	45.21	74.00	28.79	Pass	H	PK
4	4874.0000	34.50	4.78	-40.61	47.18	45.85	74.00	28.15	Pass	H	PK
5	7311.0000	36.41	5.85	-40.93	46.78	48.11	74.00	25.89	Pass	H	PK
6	9748.0000	37.70	6.77	-40.63	49.03	52.87	74.00	21.13	Pass	H	PK
7	1522.2522	28.55	3.01	-42.73	50.82	39.65	74.00	34.35	Pass	V	PK
8	1995.6996	31.67	3.47	-42.61	51.52	44.05	74.00	29.95	Pass	V	PK
9	3529.0353	33.42	4.46	-41.76	49.77	45.89	74.00	28.11	Pass	V	PK
10	4874.0000	34.50	4.78	-40.61	47.51	46.18	74.00	27.82	Pass	V	PK
11	7311.0000	36.41	5.85	-40.93	46.49	47.82	74.00	26.18	Pass	V	PK
12	9748.0000	37.70	6.77	-40.63	48.13	51.97	74.00	22.03	Pass	V	PK

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	1423.8424	28.32	2.92	-42.67	51.46	40.03	74.00	33.97	Pass	H	PK
2	1919.6920	31.17	3.42	-42.65	56.67	48.61	74.00	25.39	Pass	H	PK
3	3734.0489	33.59	4.31	-41.33	49.73	46.30	74.00	27.70	Pass	H	PK
4	4924.0000	34.50	4.85	-40.56	47.31	46.10	74.00	27.90	Pass	H	PK
5	7386.0000	36.49	5.85	-40.87	47.12	48.59	74.00	25.41	Pass	H	PK
6	9848.0000	37.74	6.83	-40.54	47.32	51.35	74.00	22.65	Pass	H	PK
7	1403.0403	28.30	2.90	-42.67	54.80	43.33	74.00	30.67	Pass	V	PK
8	1809.4809	30.44	3.33	-42.70	54.04	45.11	74.00	28.89	Pass	V	PK
9	3938.0625	33.75	4.34	-40.91	49.78	46.96	74.00	27.04	Pass	V	PK
10	4924.0000	34.50	4.85	-40.56	48.68	47.47	74.00	26.53	Pass	V	PK
11	7386.0000	36.49	5.85	-40.87	45.51	46.98	74.00	27.02	Pass	V	PK
12	9848.0000	37.74	6.83	-40.54	46.41	50.44	74.00	23.56	Pass	V	PK

Mode:		802.11 n(HT20) (6.5Mbps) 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	1715.2715	29.82	3.21	-42.67	50.69	41.05	74.00	32.95	Pass	H	PK
2	1974.6975	31.53	3.44	-42.61	51.06	43.42	74.00	30.58	Pass	H	PK
3	3935.0623	33.75	4.34	-40.92	50.02	47.19	74.00	26.81	Pass	H	PK
4	4824.0000	34.50	4.61	-40.65	47.68	46.14	74.00	27.86	Pass	H	PK
5	7236.0000	36.34	5.79	-40.99	47.46	48.60	74.00	25.40	Pass	H	PK
6	9648.0000	37.66	6.72	-40.73	48.32	51.97	74.00	22.03	Pass	H	PK
7	1550.6551	28.73	3.03	-42.78	51.09	40.07	74.00	33.93	Pass	V	PK
8	2023.5024	31.73	3.51	-42.59	50.82	43.47	74.00	30.53	Pass	V	PK
9	3910.0607	33.73	4.34	-40.97	49.88	46.98	74.00	27.02	Pass	V	PK
10	4824.0000	34.50	4.61	-40.65	47.82	46.28	74.00	27.72	Pass	V	PK
11	7236.0000	36.34	5.79	-40.99	46.08	47.22	74.00	26.78	Pass	V	PK
12	9648.0000	37.66	6.72	-40.73	47.50	51.15	74.00	22.85	Pass	V	PK

Mode:		802.11 n(HT20) (6.5Mbps) 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	1626.8627	29.24	3.11	-42.84	51.33	40.84	74.00	33.16	Pass	H	PK
2	1920.4920	31.18	3.42	-42.65	50.86	42.81	74.00	31.19	Pass	H	PK
3	3905.0603	33.72	4.34	-40.97	49.53	46.62	74.00	27.38	Pass	H	PK
4	4874.0000	34.50	4.78	-40.61	48.08	46.75	74.00	27.25	Pass	H	PK
5	7311.0000	36.41	5.85	-40.93	46.31	47.64	74.00	26.36	Pass	H	PK
6	9748.0000	37.70	6.77	-40.63	47.96	51.80	74.00	22.20	Pass	H	PK
7	1800.0800	30.38	3.32	-42.71	51.90	42.89	74.00	31.11	Pass	V	PK
8	3055.0037	33.22	4.82	-42.09	50.45	46.40	74.00	27.60	Pass	V	PK
9	3958.0639	33.77	4.34	-40.87	51.18	48.42	74.00	25.58	Pass	V	PK
10	4874.0000	34.50	4.78	-40.61	47.02	45.69	74.00	28.31	Pass	V	PK
11	7311.0000	36.41	5.85	-40.93	45.61	46.94	74.00	27.06	Pass	V	PK
12	9748.0000	37.70	6.77	-40.63	46.84	50.68	74.00	23.32	Pass	V	PK

Mode:		802.11 n(HT20) (6.5Mbps) 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	2154.7155	31.92	3.65	-42.55	52.44	45.46	74.00	28.54	Pass	H	PK
2	2900.5901	33.04	4.38	-42.17	50.76	46.01	74.00	27.99	Pass	H	PK
3	4436.0957	34.41	4.75	-40.89	49.16	47.43	74.00	26.57	Pass	H	PK
4	4926.1284	34.50	4.85	-40.56	49.69	48.48	74.00	25.52	Pass	H	PK
5	7386.0000	36.49	5.85	-40.87	46.90	48.37	74.00	25.63	Pass	H	PK
6	9848.0000	37.74	6.83	-40.54	46.60	50.63	74.00	23.37	Pass	H	PK
7	1404.2404	28.30	2.90	-42.67	52.48	41.01	74.00	32.99	Pass	V	PK
8	1820.2820	30.51	3.34	-42.69	53.46	44.62	74.00	29.38	Pass	V	PK
9	4105.0737	33.95	4.34	-40.81	48.94	46.42	74.00	27.58	Pass	V	PK
10	4924.0000	34.50	4.85	-40.56	47.23	46.02	74.00	27.98	Pass	V	PK
11	7386.0000	36.49	5.85	-40.87	46.87	48.34	74.00	25.66	Pass	V	PK
12	9848.0000	37.74	6.83	-40.54	46.45	50.48	74.00	23.52	Pass	V	PK

Mode:		802.11 n(HT40) (13.5Mbps) Transmitting						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	Remark
1	1403.2403	28.30	2.90	-42.67	52.65	41.18	74.00	32.82	Pass	H	PK
2	1919.0919	31.17	3.42	-42.65	51.95	43.89	74.00	30.11	Pass	H	PK
3	2945.5946	33.11	4.40	-42.15	50.62	45.98	74.00	28.02	Pass	H	PK
4	4844.0000	34.50	4.66	-40.62	48.90	47.44	74.00	26.56	Pass	H	PK
5	7266.0000	36.37	5.80	-40.97	46.03	47.23	74.00	26.77	Pass	H	PK
6	9688.0000	37.68	6.62	-40.69	47.81	51.42	74.00	22.58	Pass	H	PK
7	1802.4802	30.40	3.32	-42.71	54.14	45.15	74.00	28.85	Pass	V	PK
8	3084.0056	33.23	4.76	-42.07	50.48	46.40	74.00	27.60	Pass	V	PK
9	3853.0569	33.68	4.36	-41.08	49.43	46.39	74.00	27.61	Pass	V	PK
10	4844.0000	34.50	4.66	-40.62	47.49	46.03	74.00	27.97	Pass	V	PK
11	7266.0000	36.37	5.80	-40.97	45.82	47.02	74.00	26.98	Pass	V	PK
12	9688.0000	37.68	6.62	-40.69	47.95	51.56	74.00	22.44	Pass	V	PK

Mode:		802.11 n(HT40) (13.5Mbps) 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	1401.0401	28.30	2.90	-42.68	55.12	43.64	74.00	30.36	Pass	H	PK
2	1805.6806	30.42	3.33	-42.71	52.12	43.16	74.00	30.84	Pass	H	PK
3	3909.0606	33.73	4.34	-40.97	49.46	46.56	74.00	27.44	Pass	H	PK
4	4874.0000	34.50	4.78	-40.61	46.63	45.30	74.00	28.70	Pass	H	PK
5	7311.0000	36.41	5.85	-40.93	45.78	47.11	74.00	26.89	Pass	H	PK
6	9748.0000	37.70	6.77	-40.63	47.40	51.24	74.00	22.76	Pass	H	PK
7	1800.8801	30.39	3.32	-42.71	53.54	44.54	74.00	29.46	Pass	V	PK
8	2661.7662	32.66	4.10	-42.31	52.82	47.27	74.00	26.73	Pass	V	PK
9	3912.0608	33.73	4.34	-40.96	52.94	50.05	74.00	23.95	Pass	V	PK
10	4874.0000	34.50	4.78	-40.61	47.33	46.00	74.00	28.00	Pass	V	PK
11	7311.0000	36.41	5.85	-40.93	46.42	47.75	74.00	26.25	Pass	V	PK
12	9748.0000	37.70	6.77	-40.63	47.73	51.57	74.00	22.43	Pass	V	PK

Mode:		802.11 n(HT40) (13.5Mbps) Transmitting						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	Remark
1	1919.2919	31.17	3.42	-42.65	51.28	43.22	74.00	30.78	Pass	H	PK
2	3190.0127	33.28	4.63	-42.01	49.80	45.70	74.00	28.30	Pass	H	PK
3	3957.0638	33.77	4.34	-40.88	50.78	48.01	74.00	25.99	Pass	H	PK
4	4904.0000	34.50	4.88	-40.58	47.11	45.91	74.00	28.09	Pass	H	PK
5	7356.0000	36.46	5.85	-40.89	47.03	48.45	74.00	25.55	Pass	H	PK
6	9808.0000	37.72	6.59	-40.57	47.52	51.26	74.00	22.74	Pass	H	PK
7	1711.4711	29.80	3.21	-42.67	53.95	44.29	74.00	29.71	Pass	V	PK
8	2660.1660	32.66	4.10	-42.31	53.51	47.96	74.00	26.04	Pass	V	PK
9	3999.0666	33.80	4.33	-40.78	48.75	46.10	74.00	27.90	Pass	V	PK
10	4904.0000	34.50	4.88	-40.58	47.89	46.69	74.00	27.31	Pass	V	PK
11	7356.0000	36.46	5.85	-40.89	46.62	48.04	74.00	25.96	Pass	V	PK
12	9808.0000	37.72	6.59	-40.57	47.92	51.66	74.00	22.34	Pass	V	PK

MIMO:

Mode:		802.11 n(HT20) (6.5Mbps) 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	2018.5019	31.73	3.50	-42.60	50.96	43.59	74.00	30.41	Pass	H	PK
2	3628.0419	33.50	4.34	-41.55	49.02	45.31	74.00	28.69	Pass	H	PK
3	4824.0000	34.50	4.61	-40.65	51.36	49.82	74.00	24.18	Pass	H	PK
4	6161.2107	35.83	5.24	-41.12	49.50	49.45	74.00	24.55	Pass	H	PK
5	7236.0000	36.34	5.79	-40.99	48.59	49.73	74.00	24.27	Pass	H	PK
6	9648.0000	37.66	6.72	-40.73	47.94	51.59	74.00	22.41	Pass	H	PK
7	1918.2918	31.16	3.42	-42.65	51.25	43.18	74.00	30.82	Pass	V	PK
8	2654.3654	32.65	4.09	-42.31	52.36	46.79	74.00	27.21	Pass	V	PK
9	3976.0651	33.78	4.33	-40.82	50.68	47.97	74.00	26.03	Pass	V	PK
10	4824.0000	34.50	4.61	-40.65	48.13	46.59	74.00	27.41	Pass	V	PK
11	7236.0000	36.34	5.79	-40.99	45.96	47.10	74.00	26.90	Pass	V	PK
12	9648.0000	37.66	6.72	-40.73	47.88	51.53	74.00	22.47	Pass	V	PK

Mode:		802.11 n(HT20) (6.5Mbps) 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	1918.2918	31.16	3.42	-42.65	51.54	43.47	74.00	30.53	Pass	H	PK
2	3062.0041	33.22	4.80	-42.07	50.89	46.84	74.00	27.16	Pass	H	PK
3	4020.0680	33.83	4.33	-40.79	49.52	46.89	74.00	27.11	Pass	H	PK
4	4874.0000	34.50	4.78	-40.61	47.97	46.64	74.00	27.36	Pass	H	PK
5	7311.0000	36.41	5.85	-40.93	46.15	47.48	74.00	26.52	Pass	H	PK
6	9748.0000	37.70	6.77	-40.63	47.26	51.10	74.00	22.90	Pass	H	PK
7	1919.2919	31.17	3.42	-42.65	52.22	44.16	74.00	29.84	Pass	V	PK
8	2948.9949	33.12	4.40	-42.15	50.91	46.28	74.00	27.72	Pass	V	PK
9	4025.0683	33.84	4.33	-40.79	51.13	48.51	74.00	25.49	Pass	V	PK
10	4874.0000	34.50	4.78	-40.61	47.99	46.66	74.00	27.34	Pass	V	PK
11	7311.0000	36.41	5.85	-40.93	47.16	48.49	74.00	25.51	Pass	V	PK
12	9768.4512	37.71	6.69	-40.61	49.54	53.33	74.00	20.67	Pass	V	PK

Mode:		802.11 n(HT20) (6.5Mbps) 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	1921.8922	31.18	3.42	-42.64	51.29	43.25	74.00	30.75	Pass	H	PK
2	3064.0043	33.23	4.80	-42.09	49.84	45.78	74.00	28.22	Pass	H	PK
3	3851.0567	33.68	4.36	-41.09	49.86	46.81	74.00	27.19	Pass	H	PK
4	4924.0000	34.50	4.85	-40.56	48.23	47.02	74.00	26.98	Pass	H	PK
5	7386.0000	36.49	5.85	-40.87	46.10	47.57	74.00	26.43	Pass	H	PK
6	9848.0000	37.74	6.83	-40.54	47.33	51.36	74.00	22.64	Pass	H	PK
7	1918.4918	31.16	3.42	-42.65	52.34	44.27	74.00	29.73	Pass	V	PK
8	2663.1663	32.66	4.10	-42.30	52.85	47.31	74.00	26.69	Pass	V	PK
9	4078.0719	33.91	4.32	-40.80	52.04	49.47	74.00	24.53	Pass	V	PK
10	4981.1321	34.50	4.82	-40.52	50.15	48.95	74.00	25.05	Pass	V	PK
11	7359.2906	36.46	5.85	-40.89	49.22	50.64	74.00	23.36	Pass	V	PK
12	9771.4514	37.71	6.68	-40.61	48.88	52.66	74.00	21.34	Pass	V	PK

Mode:		802.11 n(HT40) (13.5Mbps) Transmitting						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	Remark
1	1918.8919	31.16	3.42	-42.65	51.14	43.07	74.00	30.93	Pass	H	PK
2	2919.7920	33.07	4.39	-42.16	51.35	46.65	74.00	27.35	Pass	H	PK
3	4017.0678	33.82	4.33	-40.78	50.59	47.96	74.00	26.04	Pass	H	PK
4	4863.1242	34.50	4.73	-40.61	49.18	47.80	74.00	26.20	Pass	H	PK
5	7201.2801	36.30	5.82	-41.02	48.29	49.39	74.00	24.61	Pass	H	PK
6	9757.4505	37.70	6.74	-40.62	48.93	52.75	74.00	21.25	Pass	H	PK
7	1814.2814	30.47	3.34	-42.70	53.13	44.24	74.00	29.76	Pass	V	PK
8	2159.7160	31.92	3.65	-42.54	56.63	49.66	74.00	24.34	Pass	V	PK
9	4844.0000	34.50	4.66	-40.62	47.27	45.81	74.00	28.19	Pass	V	PK
10	5620.1747	35.19	5.04	-40.74	49.63	49.12	74.00	24.88	Pass	V	PK
11	7266.0000	36.37	5.80	-40.97	46.88	48.08	74.00	25.92	Pass	V	PK
12	9726.4484	37.69	6.69	-40.65	49.40	53.13	74.00	20.87	Pass	V	PK

Mode:		802.11 n(HT40) (13.5Mbps) 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	1918.8919	31.16	3.42	-42.65	51.94	43.87	74.00	30.13	Pass	H	PK
2	3057.0038	33.22	4.81	-42.08	51.01	46.96	74.00	27.04	Pass	H	PK
3	3905.0603	33.72	4.34	-40.97	49.97	47.06	74.00	26.94	Pass	H	PK
4	4874.0000	34.50	4.78	-40.61	48.47	47.14	74.00	26.86	Pass	H	PK
5	7311.0000	36.41	5.85	-40.93	47.24	48.57	74.00	25.43	Pass	H	PK
6	9770.4514	37.71	6.68	-40.61	48.85	52.63	74.00	21.37	Pass	H	PK
7	1914.2914	31.13	3.42	-42.65	51.39	43.29	74.00	30.71	Pass	V	PK
8	2659.9660	32.66	4.10	-42.31	52.93	47.38	74.00	26.62	Pass	V	PK
9	4056.0704	33.88	4.33	-40.80	52.11	49.52	74.00	24.48	Pass	V	PK
10	4874.0000	34.50	4.78	-40.61	47.77	46.44	74.00	27.56	Pass	V	PK
11	7311.0000	36.41	5.85	-40.93	45.66	46.99	74.00	27.01	Pass	V	PK
12	9748.0000	37.70	6.77	-40.63	47.09	50.93	74.00	23.07	Pass	V	PK

Mode:		802.11 n(HT40) (13.5Mbps) Transmitting						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	Remark
1	1676.0676	29.56	3.17	-42.71	52.96	42.98	74.00	31.02	Pass	H	PK
2	2922.3922	33.08	4.39	-42.17	51.03	46.33	74.00	27.67	Pass	H	PK
3	3938.0625	33.75	4.34	-40.91	50.35	47.53	74.00	26.47	Pass	H	PK
4	4904.0000	34.50	4.88	-40.58	47.16	45.96	74.00	28.04	Pass	H	PK
5	7356.0000	36.46	5.85	-40.89	46.35	47.77	74.00	26.23	Pass	H	PK
6	9808.0000	37.72	6.59	-40.57	46.92	50.66	74.00	23.34	Pass	H	PK
7	1919.4919	31.17	3.42	-42.65	59.76	51.70	74.00	22.30	Pass	V	PK
8	2661.9662	32.66	4.10	-42.31	53.60	48.05	74.00	25.95	Pass	V	PK
9	4904.0000	34.50	4.88	-40.58	47.24	46.04	74.00	27.96	Pass	V	PK
10	7356.0000	36.46	5.85	-40.89	46.40	47.82	74.00	26.18	Pass	V	PK
11	9103.4069	37.68	6.44	-40.72	49.80	53.20	74.00	20.80	Pass	V	PK
12	9808.0000	37.72	6.59	-40.57	48.93	52.67	74.00	21.33	Pass	V	PK

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; 6Mbpsof 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.