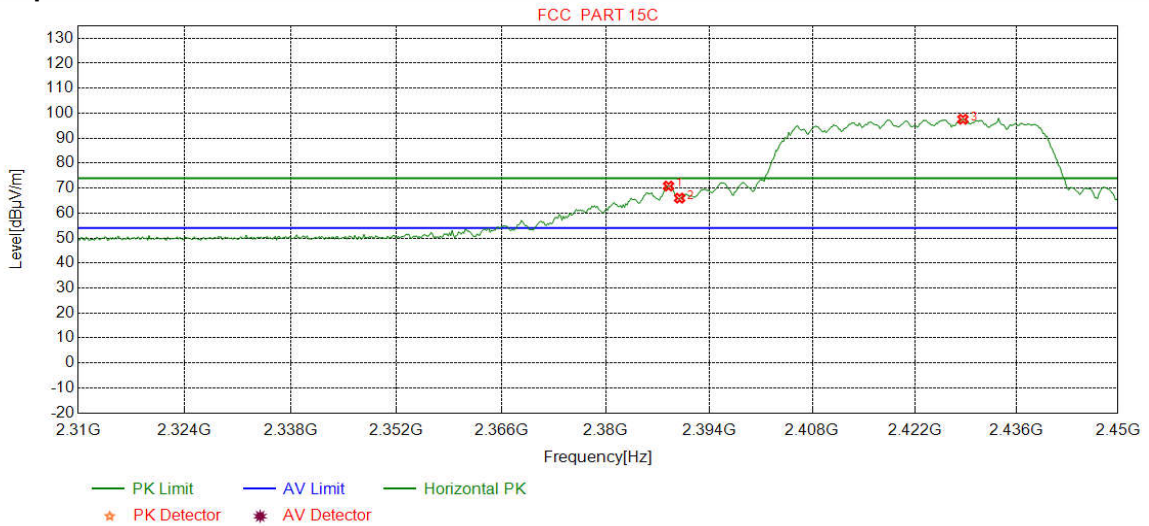


Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2422
Remark:	PK		

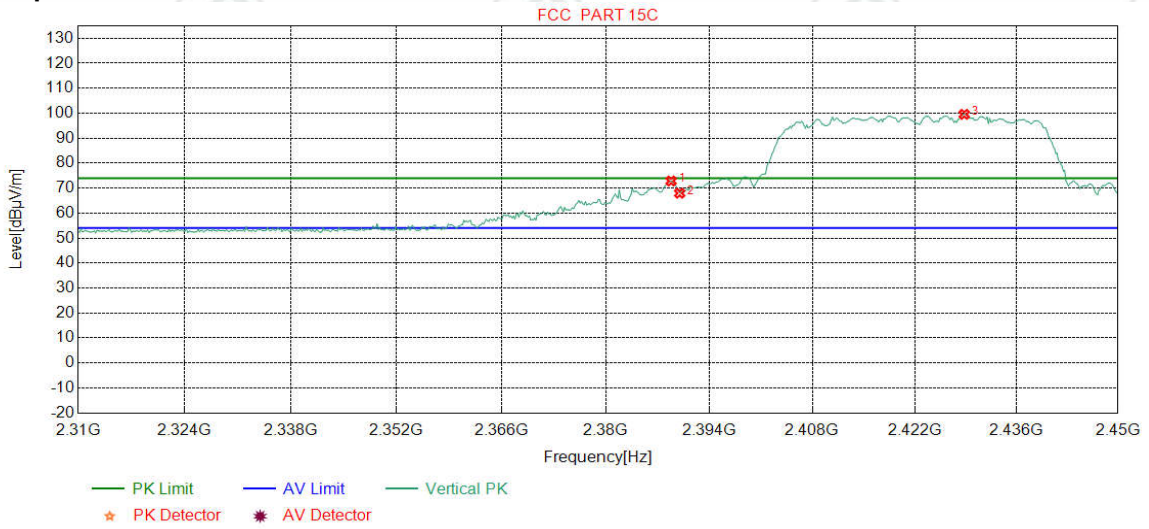
Test Graph



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	2388.4981	32.24	13.39	-42.44	67.62	70.81	74.00	3.19	Pass	Horizontal
2	2390.0000	32.25	13.37	-42.44	62.80	65.98	74.00	8.02	Pass	Horizontal
3	2428.6233	32.30	13.43	-42.42	94.26	97.57	74.00	-23.57	Pass	Horizontal

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

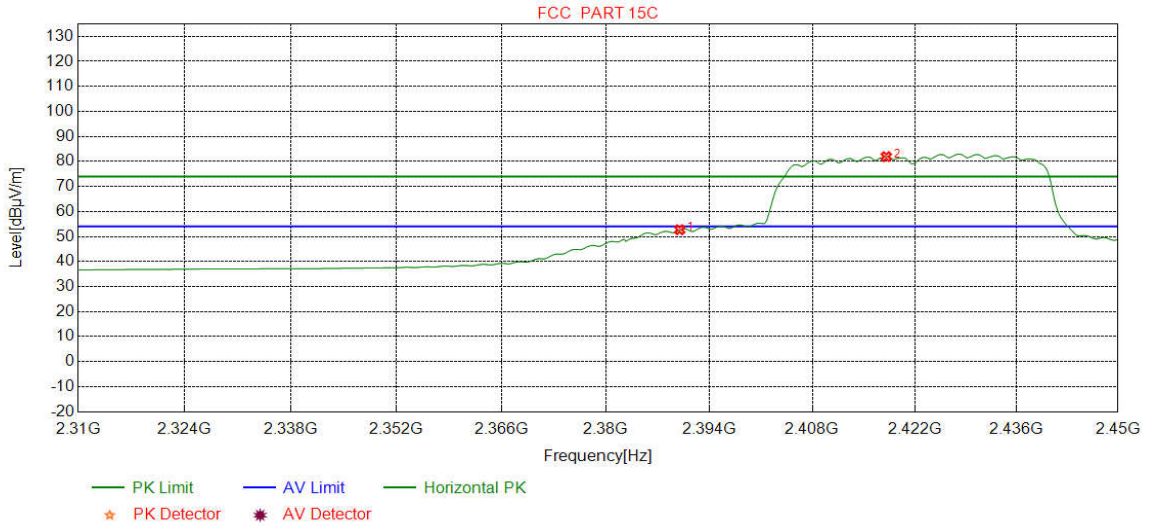
Test Graph



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	2388.8486	32.24	13.38	-42.43	69.67	72.86	74.00	1.14	Pass	Vertical
2	2390.0000	32.25	13.37	-42.44	64.78	67.96	74.00	6.04	Pass	Vertical
3	2428.7985	32.30	13.43	-42.42	96.24	99.55	74.00	-25.55	Pass	Vertical

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

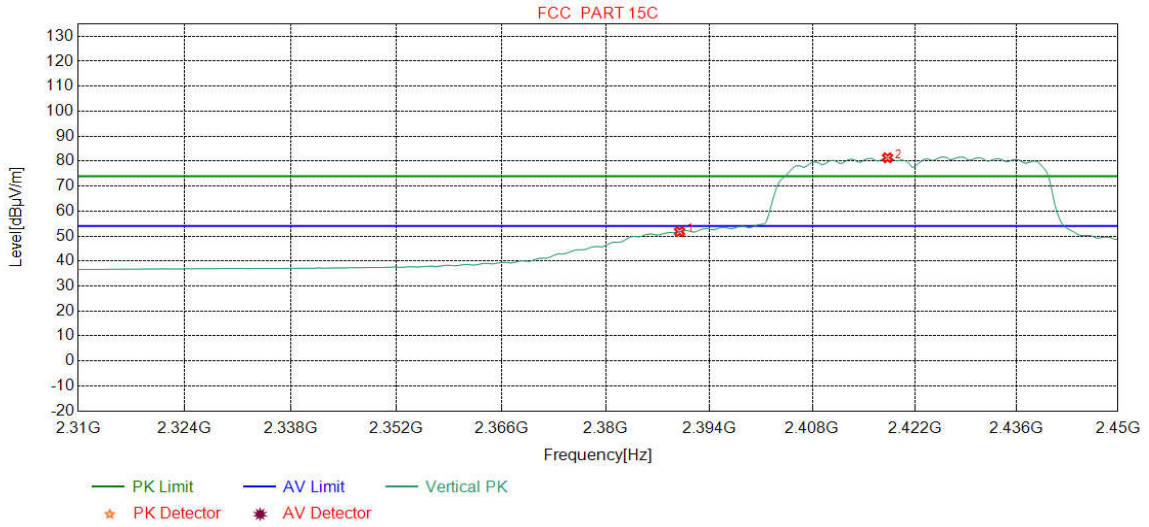
Test Graph



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	49.53	52.71	54.00	1.29	Pass	Horizontal
2	2418.1101	32.29	13.38	-42.43	78.69	81.93	54.00	-27.93	Pass	Horizontal

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

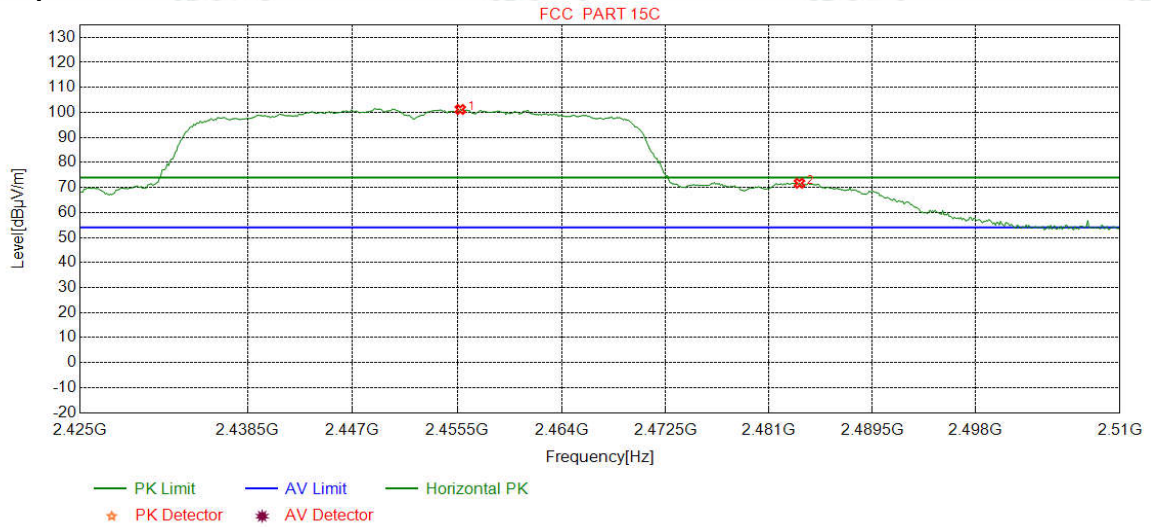
Test Graph



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	48.59	51.77	54.00	2.23	Pass	Vertical
2	2418.2854	32.29	13.38	-42.43	78.12	81.36	54.00	-27.36	Pass	Vertical

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

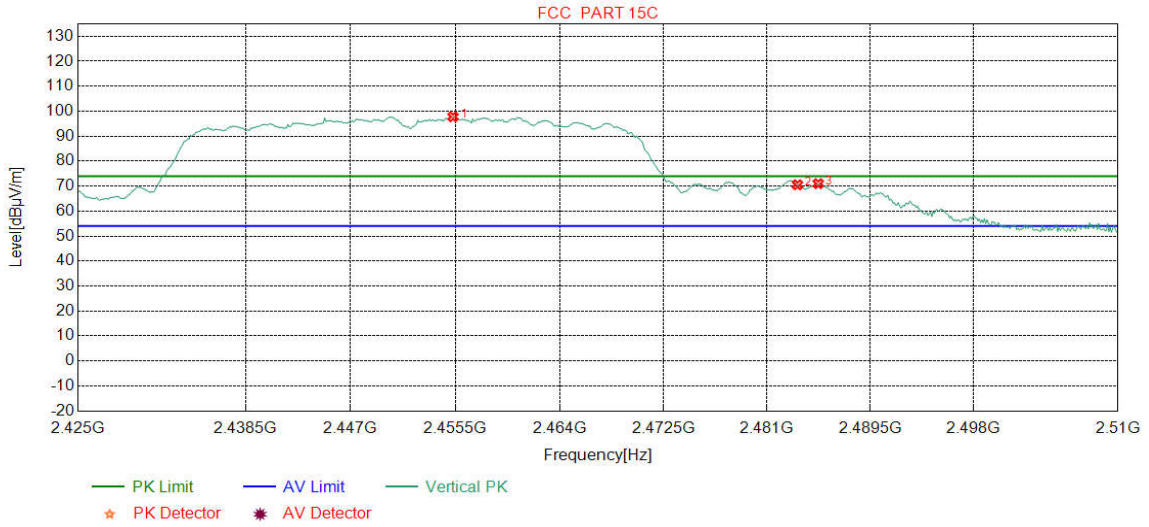
Test Graph



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	2455.7447	32.34	13.50	-42.41	97.74	101.17	74.00	-27.17	Pass	Horizontal
2	2483.5000	32.38	13.38	-42.40	68.32	71.68	74.00	2.32	Pass	Horizontal

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

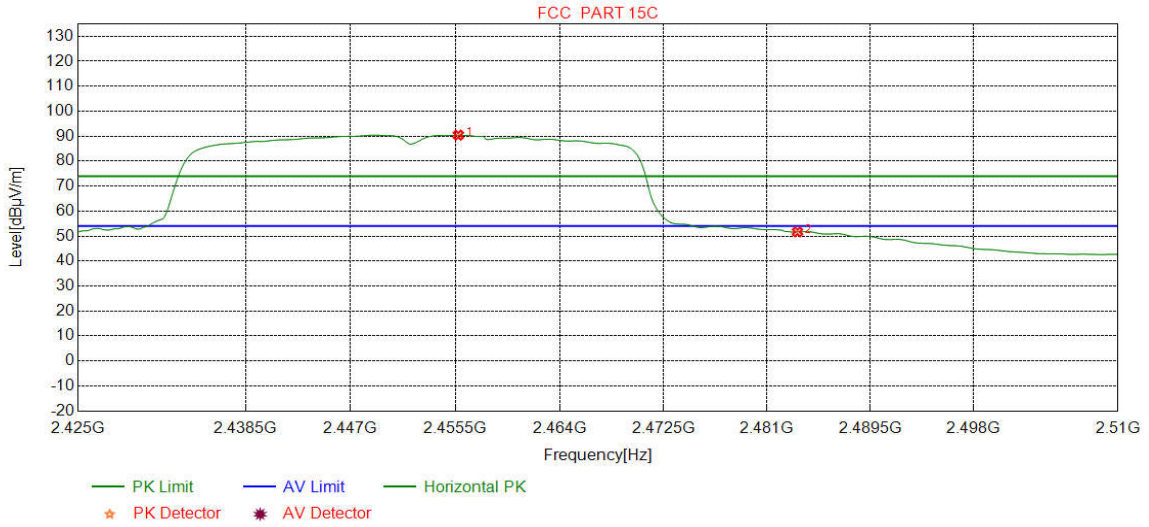
Test Graph



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	2455.3191	32.34	13.51	-42.42	94.33	97.76	74.00	-23.76	Pass	Vertical
2	2483.5000	32.38	13.38	-42.40	67.17	70.53	74.00	3.47	Pass	Vertical
3	2485.2128	32.38	13.37	-42.40	67.63	70.98	74.00	3.02	Pass	Vertical

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

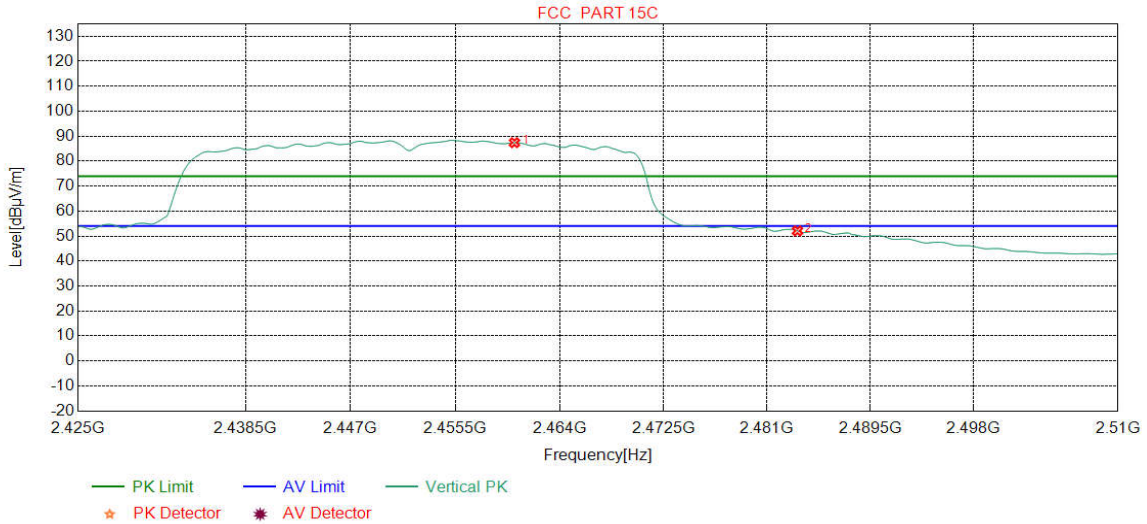
Test Graph



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	2455.7447	32.34	13.50	-42.41	86.97	90.40	54.00	-36.40	Pass	Horizontal
2	2483.5000	32.38	13.38	-42.40	48.31	51.67	54.00	2.33	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	2460.3191	32.34	13.48	-42.40	83.98	87.40	54.00	-33.40	Pass	Vertical
2	2483.5000	32.38	13.38	-42.40	48.71	52.07	54.00	1.93	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:					
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 chamber. 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 (dB μ V/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 [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity	Remark
1	44.4544	13.10	0.75	-32.12	47.55	29.28	40.00	10.72	Pass	H	PK
2	130.0170	7.70	1.33	-32.02	50.67	27.68	43.50	15.82	Pass	H	PK
3	167.9478	8.34	1.52	-31.97	47.72	25.61	43.50	17.89	Pass	H	PK
4	208.8859	11.13	1.71	-31.94	49.71	30.61	43.50	12.89	Pass	H	PK
5	552.0092	18.04	2.80	-31.97	42.42	31.29	46.00	14.71	Pass	H	PK
6	891.0581	21.99	3.58	-31.61	38.65	32.61	46.00	13.39	Pass	H	PK
7	36.3056	11.12	0.67	-32.12	54.35	34.02	40.00	5.98	Pass	V	PK
8	71.5202	8.71	0.97	-32.05	58.23	35.86	40.00	4.14	Pass	V	PK
9	142.0462	7.27	1.40	-31.99	55.45	32.13	43.50	11.37	Pass	V	PK
10	312.0072	13.46	2.10	-31.89	49.64	33.31	46.00	12.69	Pass	V	PK
11	552.0092	18.04	2.80	-31.97	39.36	28.23	46.00	17.77	Pass	V	PK
12	792.0112	20.81	3.37	-31.98	39.04	31.24	46.00	14.76	Pass	V	PK

Antenna 2:

Mode:		802.11 b(11Mbps) Transmitting						Channel:		2437	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity	Remark
1	36.6937	11.24	0.67	-32.11	56.26	36.06	40.00	3.94	Pass	H	PK
2	76.2736	7.81	1.02	-32.07	50.28	27.04	40.00	12.96	Pass	H	PK
3	130.0170	7.70	1.33	-32.02	51.25	28.26	43.50	15.24	Pass	H	PK
4	240.0260	11.94	1.84	-31.90	46.92	28.80	46.00	17.20	Pass	H	PK
5	600.0290	19.00	2.96	-31.99	42.25	32.22	46.00	13.78	Pass	H	PK
6	875.0515	21.80	3.55	-31.70	38.83	32.48	46.00	13.52	Pass	H	PK
7	36.6937	11.24	0.67	-32.11	56.32	36.12	40.00	3.88	Pass	V	PK
8	77.6318	7.55	1.03	-32.07	59.42	35.93	40.00	4.07	Pass	V	PK
9	175.0295	8.73	1.56	-31.98	52.03	30.34	43.50	13.16	Pass	V	PK
10	243.4213	12.03	1.85	-31.90	50.67	32.65	46.00	13.35	Pass	V	PK
11	519.8020	17.40	2.73	-31.93	46.61	34.81	46.00	11.19	Pass	V	PK
12	875.0515	21.80	3.55	-31.70	38.79	32.44	46.00	13.56	Pass	V	PK

MIMO:

Mode:		802.11 b(11Mbps) Transmitting						Channel:		2437	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity	Remark
1	36.6937	11.24	0.67	-32.11	57.75	37.55	40.00	2.45	Pass	H	PK
2	44.4544	13.10	0.75	-32.12	49.04	30.77	40.00	9.23	Pass	H	PK
3	130.0170	7.70	1.33	-32.02	50.69	27.70	43.50	15.80	Pass	H	PK
4	208.8859	11.13	1.71	-31.94	50.01	30.91	43.50	12.59	Pass	H	PK
5	334.8045	13.97	2.18	-31.80	45.69	30.04	46.00	15.96	Pass	H	PK
6	879.7080	21.86	3.55	-31.66	38.94	32.69	46.00	13.31	Pass	H	PK
7	36.6937	11.24	0.67	-32.11	58.12	37.92	40.00	2.08	Pass	V	PK
8	44.4544	13.10	0.75	-32.12	48.59	30.32	40.00	9.68	Pass	V	PK
9	60.2670	11.53	0.90	-32.04	44.23	24.62	40.00	15.38	Pass	V	PK
10	130.0170	7.70	1.33	-32.02	49.62	26.63	43.50	16.87	Pass	V	PK
11	325.0065	13.75	2.14	-31.79	42.50	26.60	46.00	19.40	Pass	V	PK
12	879.7080	21.86	3.55	-31.66	39.78	33.53	46.00	12.47	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	2056.9057	31.78	3.56	-42.58	50.57	43.33	74.00	30.67	Pass	H	PK
2	3838.0559	33.67	4.36	-41.11	48.25	45.17	74.00	28.83	Pass	H	PK
3	4824.0000	34.50	4.61	-40.65	49.65	48.11	74.00	25.89	Pass	H	PK
4	7236.0000	36.34	5.79	-40.99	49.27	50.41	74.00	23.59	Pass	H	PK
5	9648.0000	37.66	6.72	-40.73	45.71	49.36	74.00	24.64	Pass	H	PK
6	11981.5988	39.29	7.56	-41.22	48.19	53.82	74.00	20.18	Pass	H	PK
7	2663.3663	32.66	4.10	-42.30	54.08	48.54	74.00	25.46	Pass	V	PK
8	2932.7933	33.09	4.39	-42.15	50.66	45.99	74.00	28.01	Pass	V	PK
9	3195.0130	33.28	4.64	-42.00	50.44	46.36	74.00	27.64	Pass	V	PK
10	4824.0000	34.50	4.61	-40.65	48.77	47.23	74.00	26.77	Pass	V	PK
11	7236.0000	36.34	5.79	-40.99	48.68	49.82	74.00	24.18	Pass	V	PK
12	9648.0000	37.66	6.72	-40.73	45.79	49.44	74.00	24.56	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	2699.3699	32.72	4.12	-42.28	51.21	45.77	74.00	28.23	Pass	H	PK
2	3277.0185	33.31	4.52	-41.95	49.25	45.13	74.00	28.87	Pass	H	PK
3	3755.0503	33.60	4.35	-41.28	48.84	45.51	74.00	28.49	Pass	H	PK
4	4874.0000	34.50	4.78	-40.61	47.38	46.05	74.00	27.95	Pass	H	PK
5	7311.0000	36.41	5.85	-40.93	49.37	50.70	74.00	23.30	Pass	H	PK
6	9748.0000	37.70	6.77	-40.63	45.02	48.86	74.00	25.14	Pass	H	PK
7	3177.0118	33.27	4.61	-42.01	49.91	45.78	74.00	28.22	Pass	V	PK
8	3798.0532	33.64	4.37	-41.20	49.06	45.87	74.00	28.13	Pass	V	PK
9	4510.1007	34.50	4.65	-40.90	49.08	47.33	74.00	26.67	Pass	V	PK
10	4874.0000	34.50	4.78	-40.61	48.56	47.23	74.00	26.77	Pass	V	PK
11	7311.0000	36.41	5.85	-40.93	46.13	47.46	74.00	26.54	Pass	V	PK
12	9748.0000	37.70	6.77	-40.63	44.67	48.51	74.00	25.49	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	2791.3791	32.87	4.22	-42.23	51.85	46.71	74.00	27.29	Pass	H	PK
2	3383.0255	33.35	4.55	-41.89	49.76	45.77	74.00	28.23	Pass	H	PK
3	4122.0748	33.97	4.40	-40.81	48.88	46.44	74.00	27.56	Pass	H	PK
4	4924.0000	34.50	4.85	-40.56	46.42	45.21	74.00	28.79	Pass	H	PK
5	7386.0000	36.49	5.85	-40.87	46.81	48.28	74.00	25.72	Pass	H	PK
6	9848.0000	37.74	6.83	-40.54	46.67	50.70	74.00	23.30	Pass	H	PK
7	3102.0068	33.24	4.71	-42.05	49.03	44.93	74.00	29.07	Pass	V	PK
8	3564.0376	33.45	4.41	-41.68	48.78	44.96	74.00	29.04	Pass	V	PK
9	3968.0645	33.77	4.34	-40.85	49.06	46.32	74.00	27.68	Pass	V	PK
10	4924.0000	34.50	4.85	-40.56	48.97	47.76	74.00	26.24	Pass	V	PK
11	7386.0000	36.49	5.85	-40.87	45.64	47.11	74.00	26.89	Pass	V	PK
12	9848.0000	37.74	6.83	-40.54	46.20	50.23	74.00	23.77	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	3406.0271	33.36	4.54	-41.87	49.43	45.46	74.00	28.54	Pass	H	PK
2	3899.0599	33.72	4.34	-40.99	49.13	46.20	74.00	27.80	Pass	H	PK
3	4824.0000	34.50	4.61	-40.65	48.18	46.64	74.00	27.36	Pass	H	PK
4	5499.1666	35.00	5.16	-40.64	48.74	48.26	74.00	25.74	Pass	H	PK
5	6389.2259	35.88	5.34	-41.17	48.83	48.88	74.00	25.12	Pass	H	PK
6	7236.0000	36.34	5.79	-40.99	48.23	49.37	74.00	24.63	Pass	H	PK
7	3286.0191	33.31	4.54	-41.94	50.59	46.50	74.00	27.50	Pass	V	PK
8	3549.0366	33.44	4.44	-41.72	50.54	46.70	74.00	27.30	Pass	V	PK
9	4056.0704	33.88	4.33	-40.80	52.29	49.70	74.00	24.30	Pass	V	PK
10	4824.0000	34.50	4.61	-40.65	48.86	47.32	74.00	26.68	Pass	V	PK
11	7236.0000	36.34	5.79	-40.99	49.09	50.23	74.00	23.77	Pass	V	PK
12	9648.0000	37.66	6.72	-40.73	45.54	49.19	74.00	24.81	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	3266.0177	33.31	4.49	-41.96	49.08	44.92	74.00	29.08	Pass	H	PK
2	3880.0587	33.70	4.35	-41.03	49.70	46.72	74.00	27.28	Pass	H	PK
3	4874.0000	34.50	4.78	-40.61	48.19	46.86	74.00	27.14	Pass	H	PK
4	6040.2027	35.81	5.24	-41.10	48.32	48.27	74.00	25.73	Pass	H	PK
5	7311.0000	36.41	5.85	-40.93	47.08	48.41	74.00	25.59	Pass	H	PK
6	9748.0000	37.70	6.77	-40.63	44.82	48.66	74.00	25.34	Pass	H	PK
7	2847.3847	32.96	4.23	-42.21	50.90	45.88	74.00	28.12	Pass	V	PK
8	3863.0575	33.69	4.35	-41.06	49.08	46.06	74.00	27.94	Pass	V	PK
9	4874.0000	34.50	4.78	-40.61	47.66	46.33	74.00	27.67	Pass	V	PK
10	6366.2244	35.87	5.41	-41.16	48.57	48.69	74.00	25.31	Pass	V	PK
11	7311.0000	36.41	5.85	-40.93	46.40	47.73	74.00	26.27	Pass	V	PK
12	9748.0000	37.70	6.77	-40.63	45.63	49.47	74.00	24.53	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	3258.0172	33.30	4.47	-41.96	50.01	45.82	74.00	28.18	Pass	H	PK
2	3983.0655	33.79	4.33	-40.82	48.97	46.27	74.00	27.73	Pass	H	PK
3	4924.0000	34.50	4.85	-40.56	47.83	46.62	74.00	27.38	Pass	H	PK
4	5987.1991	35.78	5.33	-41.07	48.51	48.55	74.00	25.45	Pass	H	PK
5	7386.0000	36.49	5.85	-40.87	46.63	48.10	74.00	25.90	Pass	H	PK
6	9848.0000	37.74	6.83	-40.54	46.70	50.73	74.00	23.27	Pass	H	PK
7	3126.0084	33.25	4.64	-42.04	49.72	45.57	74.00	28.43	Pass	V	PK
8	3791.0527	33.63	4.37	-41.22	49.09	45.87	74.00	28.13	Pass	V	PK
9	4446.0964	34.42	4.81	-40.89	49.80	48.14	74.00	25.86	Pass	V	PK
10	4924.0000	34.50	4.85	-40.56	47.58	46.37	74.00	27.63	Pass	V	PK
11	7386.0000	36.49	5.85	-40.87	46.10	47.57	74.00	26.43	Pass	V	PK
12	9848.0000	37.74	6.83	-40.54	45.16	49.19	74.00	24.81	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	3111.0074	33.24	4.69	-42.05	49.91	45.79	74.00	28.21	Pass	H	PK
2	3422.0281	33.37	4.50	-41.87	49.71	45.71	74.00	28.29	Pass	H	PK
3	4218.0812	34.11	4.49	-40.84	48.82	46.58	74.00	27.42	Pass	H	PK
4	4824.0000	34.50	4.61	-40.65	48.58	47.04	74.00	26.96	Pass	H	PK
5	7236.0000	36.34	5.79	-40.99	48.91	50.05	74.00	23.95	Pass	H	PK
6	9648.0000	37.66	6.72	-40.73	45.87	49.52	74.00	24.48	Pass	H	PK
7	3179.0119	33.27	4.62	-42.01	49.75	45.63	74.00	28.37	Pass	V	PK
8	3965.0643	33.77	4.34	-40.85	49.79	47.05	74.00	26.95	Pass	V	PK
9	4824.0000	34.50	4.61	-40.65	47.19	45.65	74.00	28.35	Pass	V	PK
10	6035.2023	35.81	5.25	-41.10	48.89	48.85	74.00	25.15	Pass	V	PK
11	7236.0000	36.34	5.79	-40.99	46.11	47.25	74.00	26.75	Pass	V	PK
12	9648.0000	37.66	6.72	-40.73	46.28	49.93	74.00	24.07	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	2651.7652	32.64	4.09	-42.30	51.25	45.68	74.00	28.32	Pass	H	PK
2	3390.0260	33.36	4.55	-41.89	49.28	45.30	74.00	28.70	Pass	H	PK
3	4411.0941	34.38	4.61	-40.89	49.41	47.51	74.00	26.49	Pass	H	PK
4	4874.0000	34.50	4.78	-40.61	48.07	46.74	74.00	27.26	Pass	H	PK
5	7311.0000	36.41	5.85	-40.93	46.58	47.91	74.00	26.09	Pass	H	PK
6	9748.0000	37.70	6.77	-40.63	45.18	49.02	74.00	24.98	Pass	H	PK
7	1583.6584	28.95	3.06	-42.86	50.96	40.11	74.00	33.89	Pass	V	PK
8	2087.1087	31.82	3.57	-42.56	50.64	43.47	74.00	30.53	Pass	V	PK
9	3378.0252	33.35	4.54	-41.89	49.59	45.59	74.00	28.41	Pass	V	PK
10	4874.0000	34.50	4.78	-40.61	47.49	46.16	74.00	27.84	Pass	V	PK
11	7311.0000	36.41	5.85	-40.93	45.89	47.22	74.00	26.78	Pass	V	PK
12	9748.0000	37.70	6.77	-40.63	45.42	49.26	74.00	24.74	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	2093.9094	31.83	3.58	-42.57	50.78	43.62	74.00	30.38	Pass	H	PK
2	3123.0082	33.25	4.65	-42.05	49.71	45.56	74.00	28.44	Pass	H	PK
3	4070.0713	33.90	4.33	-40.80	48.94	46.37	74.00	27.63	Pass	H	PK
4	4924.0000	34.50	4.85	-40.56	47.10	45.89	74.00	28.11	Pass	H	PK
5	7386.0000	36.49	5.85	-40.87	46.40	47.87	74.00	26.13	Pass	H	PK
6	9848.0000	37.74	6.83	-40.54	46.45	50.48	74.00	23.52	Pass	H	PK
7	2798.1798	32.88	4.24	-42.24	50.86	45.74	74.00	28.26	Pass	V	PK
8	3795.0530	33.64	4.37	-41.21	48.66	45.46	74.00	28.54	Pass	V	PK
9	4455.0970	34.44	4.81	-40.90	48.64	46.99	74.00	27.01	Pass	V	PK
10	4924.0000	34.50	4.85	-40.56	46.77	45.56	74.00	28.44	Pass	V	PK
11	7386.0000	36.49	5.85	-40.87	45.91	47.38	74.00	26.62	Pass	V	PK
12	9848.0000	37.74	6.83	-40.54	45.44	49.47	74.00	24.53	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	2815.3815	32.90	4.24	-42.22	50.79	45.71	74.00	28.29	Pass	H	PK
2	3356.0237	33.34	4.52	-41.90	49.58	45.54	74.00	28.46	Pass	H	PK
3	4327.0885	34.26	4.46	-40.87	49.59	47.44	74.00	26.56	Pass	H	PK
4	4844.0000	34.50	4.66	-40.62	47.55	46.09	74.00	27.91	Pass	H	PK
5	7266.0000	36.37	5.80	-40.97	46.60	47.80	74.00	26.20	Pass	H	PK
6	9688.0000	37.68	6.62	-40.69	45.16	48.77	74.00	25.23	Pass	H	PK
7	3351.0234	33.34	4.52	-41.91	50.07	46.02	74.00	27.98	Pass	V	PK
8	4204.0803	34.09	4.48	-40.83	49.24	46.98	74.00	27.02	Pass	V	PK
9	4844.0000	34.50	4.66	-40.62	47.22	45.76	74.00	28.24	Pass	V	PK
10	5962.1975	35.74	5.32	-41.05	48.68	48.69	74.00	25.31	Pass	V	PK
11	7266.0000	36.37	5.80	-40.97	45.90	47.10	74.00	26.90	Pass	V	PK
12	9688.0000	37.68	6.62	-40.69	46.32	49.93	74.00	24.07	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	2936.5937	33.10	4.39	-42.15	50.71	46.05	74.00	27.95	Pass	H	PK
2	3771.0514	33.62	4.36	-41.26	49.46	46.18	74.00	27.82	Pass	H	PK
3	4874.0000	34.50	4.78	-40.61	47.42	46.09	74.00	27.91	Pass	H	PK
4	6009.2006	35.80	5.32	-41.09	49.10	49.13	74.00	24.87	Pass	H	PK
5	7311.0000	36.41	5.85	-40.93	45.37	46.70	74.00	27.30	Pass	H	PK
6	9748.0000	37.70	6.77	-40.63	46.50	50.34	74.00	23.66	Pass	H	PK
7	3334.0223	33.33	4.54	-41.92	49.46	45.41	74.00	28.59	Pass	V	PK
8	3999.0666	33.80	4.33	-40.78	49.50	46.85	74.00	27.15	Pass	V	PK
9	4874.0000	34.50	4.78	-40.61	46.79	45.46	74.00	28.54	Pass	V	PK
10	6020.2013	35.80	5.29	-41.09	48.87	48.87	74.00	25.13	Pass	V	PK
11	7311.0000	36.41	5.85	-40.93	46.44	47.77	74.00	26.23	Pass	V	PK
12	9748.0000	37.70	6.77	-40.63	46.60	50.44	74.00	23.56	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	2999.1999	33.20	4.55	-42.12	51.99	47.62	74.00	26.38	Pass	H	PK
2	3948.0632	33.76	4.34	-40.89	49.46	46.67	74.00	27.33	Pass	H	PK
3	4904.0000	34.50	4.88	-40.58	47.41	46.21	74.00	27.79	Pass	H	PK
4	5694.1796	35.31	5.01	-40.81	48.72	48.23	74.00	25.77	Pass	H	PK
5	7356.0000	36.46	5.85	-40.89	46.69	48.11	74.00	25.89	Pass	H	PK
6	9808.0000	37.72	6.59	-40.57	47.00	50.74	74.00	23.26	Pass	H	PK
7	3223.0149	33.29	4.56	-41.99	50.11	45.97	74.00	28.03	Pass	V	PK
8	4032.0688	33.84	4.33	-40.78	49.54	46.93	74.00	27.07	Pass	V	PK
9	4904.0000	34.50	4.88	-40.58	47.30	46.10	74.00	27.90	Pass	V	PK
10	5890.1927	35.62	5.06	-40.98	49.31	49.01	74.00	24.99	Pass	V	PK
11	7356.0000	36.46	5.85	-40.89	47.12	48.54	74.00	25.46	Pass	V	PK
12	9808.0000	37.72	6.59	-40.57	46.13	49.87	74.00	24.13	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	1919.4919	31.17	3.42	-42.65	57.02	48.96	74.00	25.04	Pass	H	PK
2	4064.0709	33.89	4.33	-40.80	49.02	46.44	74.00	27.56	Pass	H	PK
3	4824.0000	34.50	4.61	-40.65	49.45	47.91	74.00	26.09	Pass	H	PK
4	6071.2047	35.81	5.23	-41.10	48.38	48.32	74.00	25.68	Pass	H	PK
5	7236.0000	36.34	5.79	-40.99	45.62	46.76	74.00	27.24	Pass	H	PK
6	9648.0000	37.66	6.72	-40.73	45.01	48.66	74.00	25.34	Pass	H	PK
7	2997.5998	33.20	4.54	-42.12	54.56	50.18	74.00	23.82	Pass	V	PK
8	3450.0300	33.38	4.43	-41.85	49.54	45.50	74.00	28.50	Pass	V	PK
9	4824.0000	34.50	4.61	-40.65	47.69	46.15	74.00	27.85	Pass	V	PK
10	5707.1805	35.33	5.01	-40.83	47.96	47.47	74.00	26.53	Pass	V	PK
11	7236.0000	36.34	5.79	-40.99	45.13	46.27	74.00	27.73	Pass	V	PK
12	9648.0000	37.66	6.72	-40.73	45.29	48.94	74.00	25.06	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	1920.2920	31.17	3.42	-42.65	58.60	50.54	74.00	23.46	Pass	H	PK
2	3922.0615	33.74	4.34	-40.94	49.51	46.65	74.00	27.35	Pass	H	PK
3	4874.0000	34.50	4.78	-40.61	48.61	47.28	74.00	26.72	Pass	H	PK
4	5943.1962	35.71	5.28	-41.04	47.45	47.40	74.00	26.60	Pass	H	PK
5	7311.0000	36.41	5.85	-40.93	44.96	46.29	74.00	27.71	Pass	H	PK
6	9748.0000	37.70	6.77	-40.63	45.80	49.64	74.00	24.36	Pass	H	PK
7	2666.3666	32.67	4.10	-42.30	52.26	46.73	74.00	27.27	Pass	V	PK
8	2992.9993	33.19	4.53	-42.13	53.67	49.26	74.00	24.74	Pass	V	PK
9	3900.0600	33.72	4.34	-40.99	49.07	46.14	74.00	27.86	Pass	V	PK
10	6092.2061	35.82	5.25	-41.11	47.82	47.78	74.00	26.22	Pass	V	PK
11	7311.0000	36.41	5.85	-40.93	45.58	46.91	74.00	27.09	Pass	V	PK
12	9748.0000	37.70	6.77	-40.63	45.38	49.22	74.00	24.78	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	1684.2684	29.62	3.18	-42.70	52.05	42.15	74.00	31.85	Pass	H	PK
2	1916.2916	31.15	3.42	-42.65	54.40	46.32	74.00	27.68	Pass	H	PK
3	3942.0628	33.75	4.34	-40.90	48.93	46.12	74.00	27.88	Pass	H	PK
4	4924.0000	34.50	4.85	-40.56	47.31	46.10	74.00	27.90	Pass	H	PK
5	6068.2045	35.81	5.23	-41.10	48.18	48.12	74.00	25.88	Pass	H	PK
6	7386.0000	36.49	5.85	-40.87	44.96	46.43	74.00	27.57	Pass	H	PK
7	9848.0000	37.74	6.83	-40.54	46.80	50.83	74.00	23.17	Pass	H	PK
8	1917.2917	31.15	3.42	-42.65	53.91	45.83	74.00	28.17	Pass	V	PK
9	2994.3994	33.19	4.53	-42.12	57.33	52.93	74.00	21.07	Pass	V	PK
10	3911.0607	33.73	4.34	-40.97	48.68	45.78	74.00	28.22	Pass	V	PK
11	5688.1792	35.30	5.01	-40.81	48.15	47.65	74.00	26.35	Pass	V	PK
12	7386.0000	36.49	5.85	-40.87	45.73	47.20	74.00	26.80	Pass	V	PK
13	9848.0000	37.74	6.83	-40.54	45.94	49.97	74.00	24.03	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	1713.4713	29.81	3.21	-42.67	51.35	41.70	74.00	32.30	Pass	H	PK
2	2721.7722	32.75	4.13	-42.26	50.37	44.99	74.00	29.01	Pass	H	PK
3	3763.0509	33.61	4.36	-41.28	48.19	44.88	74.00	29.12	Pass	H	PK
4	4824.0000	34.50	4.61	-40.65	50.23	48.69	74.00	25.31	Pass	H	PK
5	7236.0000	36.34	5.79	-40.99	45.84	46.98	74.00	27.02	Pass	H	PK
6	9648.0000	37.66	6.72	-40.73	46.45	50.10	74.00	23.90	Pass	H	PK
7	2020.5021	31.73	3.51	-42.61	50.83	43.46	74.00	30.54	Pass	V	PK
8	3218.0145	33.29	4.58	-41.99	50.06	45.94	74.00	28.06	Pass	V	PK
9	4824.0000	34.50	4.61	-40.65	52.15	50.61	74.00	23.39	Pass	V	PK
10	5673.1782	35.28	4.99	-40.80	49.08	48.55	74.00	25.45	Pass	V	PK
11	7236.0000	36.34	5.79	-40.99	46.48	47.62	74.00	26.38	Pass	V	PK
12	9648.0000	37.66	6.72	-40.73	45.57	49.22	74.00	24.78	Pass	V	PK
13	2020.5021	31.73	3.51	-42.61	50.83	43.46	74.00	30.54	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	4225.0817	34.12	4.50	-40.85	49.02	46.79	74.00	27.21	Pass	H	PK
2	4874.0000	34.50	4.78	-40.61	49.54	48.21	74.00	25.79	Pass	H	PK
3	6478.2319	35.90	5.49	-41.19	48.62	48.82	74.00	25.18	Pass	H	PK
4	7311.0000	36.41	5.85	-40.93	45.86	47.19	74.00	26.81	Pass	H	PK
5	9748.0000	37.70	6.77	-40.63	45.79	49.63	74.00	24.37	Pass	H	PK
6	11132.5422	38.68	7.23	-41.19	48.59	53.31	74.00	20.69	Pass	H	PK
7	2117.1117	31.86	3.60	-42.55	51.36	44.27	74.00	29.73	Pass	V	PK
8	2988.9989	33.18	4.52	-42.13	56.37	51.94	74.00	22.06	Pass	V	PK
9	3801.0534	33.64	4.37	-41.19	49.65	46.47	74.00	27.53	Pass	V	PK
10	4874.0000	34.50	4.78	-40.61	51.10	49.77	74.00	24.23	Pass	V	PK
11	5925.1950	35.68	5.19	-41.02	48.63	48.48	74.00	25.52	Pass	V	PK
12	9748.0000	37.70	6.77	-40.63	44.89	48.73	74.00	25.27	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	3527.0351	33.42	4.46	-41.76	49.62	45.74	74.00	28.26	Pass	H	PK
2	4084.0723	33.92	4.32	-40.80	49.05	46.49	74.00	27.51	Pass	H	PK
3	4924.0000	34.50	4.85	-40.56	48.18	46.97	74.00	27.03	Pass	H	PK
4	6079.2053	35.82	5.24	-41.11	48.37	48.32	74.00	25.68	Pass	H	PK
5	7386.0000	36.49	5.85	-40.87	46.15	47.62	74.00	26.38	Pass	H	PK
6	9848.0000	37.74	6.83	-40.54	45.02	49.05	74.00	24.95	Pass	H	PK
7	2998.7999	33.20	4.55	-42.13	56.67	52.29	74.00	21.71	Pass	V	PK
8	3948.0632	33.76	4.34	-40.89	49.32	46.53	74.00	27.47	Pass	V	PK
9	4924.0000	34.50	4.85	-40.56	48.20	46.99	74.00	27.01	Pass	V	PK
10	6370.2247	35.87	5.40	-41.16	48.70	48.81	74.00	25.19	Pass	V	PK
11	7386.0000	36.49	5.85	-40.87	45.87	47.34	74.00	26.66	Pass	V	PK
12	9848.0000	37.74	6.83	-40.54	45.39	49.42	74.00	24.58	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	1915.4915	31.14	3.42	-42.65	51.52	43.43	74.00	30.57	Pass	H	PK
2	2997.7998	33.20	4.54	-42.12	51.20	46.82	74.00	27.18	Pass	H	PK
3	4112.0741	33.96	4.37	-40.82	49.75	47.26	74.00	26.74	Pass	H	PK
4	4824.0000	34.50	4.61	-40.65	49.23	47.69	74.00	26.31	Pass	H	PK
5	7236.0000	36.34	5.79	-40.99	46.18	47.32	74.00	26.68	Pass	H	PK
6	9648.0000	37.66	6.72	-40.73	45.67	49.32	74.00	24.68	Pass	H	PK
7	2988.5989	33.18	4.52	-42.13	54.76	50.33	74.00	23.67	Pass	V	PK
8	3665.0443	33.53	4.31	-41.47	49.44	45.81	74.00	28.19	Pass	V	PK
9	3992.0661	33.79	4.33	-40.79	51.07	48.40	74.00	25.60	Pass	V	PK
10	4824.0000	34.50	4.61	-40.65	51.06	49.52	74.00	24.48	Pass	V	PK
11	7236.0000	36.34	5.79	-40.99	45.97	47.11	74.00	26.89	Pass	V	PK
12	9648.0000	37.66	6.72	-40.73	45.89	49.54	74.00	24.46	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	2947.1947	33.12	4.40	-42.15	50.49	45.86	74.00	28.14	Pass	H	PK
2	3621.0414	33.50	4.34	-41.57	49.92	46.19	74.00	27.81	Pass	H	PK
3	4874.0000	34.50	4.78	-40.61	48.27	46.94	74.00	27.06	Pass	H	PK
4	5951.1967	35.72	5.32	-41.04	49.04	49.04	74.00	24.96	Pass	H	PK
5	7311.0000	36.41	5.85	-40.93	45.35	46.68	74.00	27.32	Pass	H	PK
6	9748.0000	37.70	6.77	-40.63	46.67	50.51	74.00	23.49	Pass	H	PK
7	2995.3995	33.19	4.54	-42.12	54.00	49.61	74.00	24.39	Pass	V	PK
8	3596.0397	33.48	4.35	-41.63	49.09	45.29	74.00	28.71	Pass	V	PK
9	4130.0753	33.98	4.43	-40.81	49.96	47.56	74.00	26.44	Pass	V	PK
10	4874.0000	34.50	4.78	-40.61	48.29	46.96	74.00	27.04	Pass	V	PK
11	7311.0000	36.41	5.85	-40.93	46.18	47.51	74.00	26.49	Pass	V	PK
12	9748.0000	37.70	6.77	-40.63	45.30	49.14	74.00	24.86	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	1921.2921	31.18	3.42	-42.65	53.68	45.63	74.00	28.37	Pass	H	PK
2	3003.0002	33.20	4.92	-42.11	49.68	45.69	74.00	28.31	Pass	H	PK
3	3956.0637	33.76	4.34	-40.87	49.92	47.15	74.00	26.85	Pass	H	PK
4	4924.0000	34.50	4.85	-40.56	46.08	44.87	74.00	29.13	Pass	H	PK
5	7386.0000	36.49	5.85	-40.87	46.07	47.54	74.00	26.46	Pass	H	PK
6	9848.0000	37.74	6.83	-40.54	46.39	50.42	74.00	23.58	Pass	H	PK
7	2986.1986	33.18	4.51	-42.13	54.32	49.88	74.00	24.12	Pass	V	PK
8	3358.0239	33.34	4.53	-41.91	50.60	46.56	74.00	27.44	Pass	V	PK
9	4380.0920	34.33	4.53	-40.87	49.14	47.13	74.00	26.87	Pass	V	PK
10	4924.0000	34.50	4.85	-40.56	47.28	46.07	74.00	27.93	Pass	V	PK
11	7386.0000	36.49	5.85	-40.87	45.34	46.81	74.00	27.19	Pass	V	PK
12	9848.0000	37.74	6.83	-40.54	45.21	49.24	74.00	24.76	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	2996.3996	33.19	4.54	-42.12	51.65	47.26	74.00	26.74	Pass	H	PK
2	3916.0611	33.73	4.34	-40.95	49.91	47.03	74.00	26.97	Pass	H	PK
3	4332.0888	34.26	4.47	-40.86	49.29	47.16	74.00	26.84	Pass	H	PK
4	4844.0000	34.50	4.66	-40.62	47.22	45.76	74.00	28.24	Pass	H	PK
5	7266.0000	36.37	5.80	-40.97	45.84	47.04	74.00	26.96	Pass	H	PK
6	9688.0000	37.68	6.62	-40.69	45.87	49.48	74.00	24.52	Pass	H	PK
7	2658.3658	32.65	4.10	-42.31	51.67	46.11	74.00	27.89	Pass	V	PK
8	3460.0307	33.38	4.44	-41.84	49.87	45.85	74.00	28.15	Pass	V	PK
9	4126.0751	33.98	4.42	-40.82	49.15	46.73	74.00	27.27	Pass	V	PK
10	4844.0000	34.50	4.66	-40.62	47.46	46.00	74.00	28.00	Pass	V	PK
11	7266.0000	36.37	5.80	-40.97	45.52	46.72	74.00	27.28	Pass	V	PK
12	9688.0000	37.68	6.62	-40.69	45.47	49.08	74.00	24.92	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	2998.1998	33.20	4.54	-42.12	51.42	47.04	74.00	26.96	Pass	H	PK
2	3682.0455	33.55	4.28	-41.45	48.88	45.26	74.00	28.74	Pass	H	PK
3	4874.0000	34.50	4.78	-40.61	47.28	45.95	74.00	28.05	Pass	H	PK
4	5908.1939	35.65	5.10	-41.00	48.68	48.43	74.00	25.57	Pass	H	PK
5	7311.0000	36.41	5.85	-40.93	45.57	46.90	74.00	27.10	Pass	H	PK
6	9748.0000	37.70	6.77	-40.63	46.09	49.93	74.00	24.07	Pass	H	PK
7	2988.3988	33.18	4.52	-42.13	55.05	50.62	74.00	23.38	Pass	V	PK
8	3990.0660	33.79	4.33	-40.80	51.04	48.36	74.00	25.64	Pass	V	PK
9	4650.1100	34.50	4.83	-40.79	49.94	48.48	74.00	25.52	Pass	V	PK
10	4874.0000	34.50	4.78	-40.61	46.85	45.52	74.00	28.48	Pass	V	PK
11	7311.0000	36.41	5.85	-40.93	45.41	46.74	74.00	27.26	Pass	V	PK
12	9748.0000	37.70	6.77	-40.63	45.92	49.76	74.00	24.24	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	2993.3993	33.19	4.53	-42.12	53.34	48.94	74.00	25.06	Pass	H	PK
2	3907.0605	33.73	4.34	-40.98	49.11	46.20	74.00	27.80	Pass	H	PK
3	4904.0000	34.50	4.88	-40.58	46.23	45.03	74.00	28.97	Pass	H	PK
4	6478.2319	35.90	5.49	-41.19	49.22	49.42	74.00	24.58	Pass	H	PK
5	7356.0000	36.46	5.85	-40.89	46.15	47.57	74.00	26.43	Pass	H	PK
6	9808.0000	37.72	6.59	-40.57	46.87	50.61	74.00	23.39	Pass	H	PK
7	3005.0003	33.20	4.92	-42.12	50.03	46.03	74.00	27.97	Pass	V	PK
8	3569.0379	33.46	4.40	-41.68	50.12	46.30	74.00	27.70	Pass	V	PK
9	4304.0869	34.23	4.41	-40.86	49.36	47.14	74.00	26.86	Pass	V	PK
10	4904.0000	34.50	4.88	-40.58	47.58	46.38	74.00	27.62	Pass	V	PK
11	7356.0000	36.46	5.85	-40.89	45.85	47.27	74.00	26.73	Pass	V	PK
12	9808.0000	37.72	6.59	-40.57	45.84	49.58	74.00	24.42	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	2972.5973	33.16	4.47	-42.14	50.56	46.05	74.00	27.95	Pass	H	PK
2	3791.0527	33.63	4.37	-41.22	49.30	46.08	74.00	27.92	Pass	H	PK
3	4824.0000	34.50	4.61	-40.65	49.34	47.80	74.00	26.20	Pass	H	PK
4	5496.1664	35.00	5.14	-40.64	49.68	49.18	74.00	24.82	Pass	H	PK
5	7236.0000	36.34	5.79	-40.99	46.48	47.62	74.00	26.38	Pass	H	PK
6	9648.0000	37.66	6.72	-40.73	45.96	49.61	74.00	24.39	Pass	H	PK
7	2990.5991	33.18	4.52	-42.12	53.75	49.33	74.00	24.67	Pass	V	PK
8	4041.0694	33.86	4.33	-40.79	49.43	46.83	74.00	27.17	Pass	V	PK
9	4824.0000	34.50	4.61	-40.65	49.42	47.88	74.00	26.12	Pass	V	PK
10	7236.0000	36.34	5.79	-40.99	48.11	49.25	74.00	24.75	Pass	V	PK
11	8504.3670	36.61	6.48	-40.57	49.42	51.94	74.00	22.06	Pass	V	PK
12	9648.0000	37.66	6.72	-40.73	45.77	49.42	74.00	24.58	Pass	V	PK

Mode:		802.11 n(HT20) (6.5Mbps) 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	2993.5994	33.19	4.53	-42.12	50.10	45.70	74.00	28.30	Pass	H	PK
2	3949.0633	33.76	4.34	-40.89	49.42	46.63	74.00	27.37	Pass	H	PK
3	4874.0000	34.50	4.78	-40.61	50.34	49.01	74.00	24.99	Pass	H	PK
4	6443.2295	35.89	5.49	-41.18	48.11	48.31	74.00	25.69	Pass	H	PK
5	7311.0000	36.41	5.85	-40.93	47.27	48.60	74.00	25.40	Pass	H	PK
6	9748.0000	37.70	6.77	-40.63	45.05	48.89	74.00	25.11	Pass	H	PK
7	2887.7888	33.02	4.34	-42.18	50.39	45.57	74.00	28.43	Pass	V	PK
8	3709.0473	33.57	4.26	-41.39	49.30	45.74	74.00	28.26	Pass	V	PK
9	4874.0000	34.50	4.78	-40.61	47.91	46.58	74.00	27.42	Pass	V	PK
10	6305.2203	35.86	5.46	-41.15	49.07	49.24	74.00	24.76	Pass	V	PK
11	7311.0000	36.41	5.85	-40.93	46.89	48.22	74.00	25.78	Pass	V	PK
12	9748.0000	37.70	6.77	-40.63	45.96	49.80	74.00	24.20	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	3912.0608	33.73	4.34	-40.96	49.69	46.80	74.00	27.20	Pass	H	PK
2	4924.0000	34.50	4.85	-40.56	48.43	47.22	74.00	26.78	Pass	H	PK
3	5933.1955	35.69	5.23	-41.02	49.03	48.93	74.00	25.07	Pass	H	PK
4	7386.0000	36.49	5.85	-40.87	46.46	47.93	74.00	26.07	Pass	H	PK
5	7966.3311	36.41	6.12	-40.98	48.81	50.36	74.00	23.64	Pass	H	PK
6	9848.0000	37.74	6.83	-40.54	46.44	50.47	74.00	23.53	Pass	H	PK
7	2988.3988	33.18	4.52	-42.13	56.26	51.83	74.00	22.17	Pass	V	PK
8	3988.0659	33.79	4.33	-40.80	51.88	49.20	74.00	24.80	Pass	V	PK
9	4924.0000	34.50	4.85	-40.56	47.12	45.91	74.00	28.09	Pass	V	PK
10	7386.0000	36.49	5.85	-40.87	46.41	47.88	74.00	26.12	Pass	V	PK
11	8988.3992	37.67	6.34	-40.67	48.01	51.35	74.00	22.65	Pass	V	PK
12	9848.0000	37.74	6.83	-40.54	45.39	49.42	74.00	24.58	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	3209.0139	33.28	4.61	-41.99	49.93	45.83	74.00	28.17	Pass	H	PK
2	4010.0673	33.81	4.33	-40.78	51.12	48.48	74.00	25.52	Pass	H	PK
3	4844.0000	34.50	4.66	-40.62	48.70	47.24	74.00	26.76	Pass	H	PK
4	6057.2038	35.81	5.22	-41.10	50.03	49.96	74.00	24.04	Pass	H	PK
5	7266.0000	36.37	5.80	-40.97	46.17	47.37	74.00	26.63	Pass	H	PK
6	9688.0000	37.68	6.62	-40.69	46.71	50.32	74.00	23.68	Pass	H	PK
7	2981.3981	33.17	4.49	-42.13	50.43	45.96	74.00	28.04	Pass	V	PK
8	3771.0514	33.62	4.36	-41.26	48.71	45.43	74.00	28.57	Pass	V	PK
9	4844.0000	34.50	4.66	-40.62	49.60	48.14	74.00	25.86	Pass	V	PK
10	6059.2039	35.81	5.22	-41.10	49.61	49.54	74.00	24.46	Pass	V	PK
11	7266.0000	36.37	5.80	-40.97	45.76	46.96	74.00	27.04	Pass	V	PK
12	9688.0000	37.68	6.62	-40.69	45.48	49.09	74.00	24.91	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	3183.0122	33.27	4.62	-42.00	49.62	45.51	74.00	28.49	Pass	H	PK
2	3863.0575	33.69	4.35	-41.06	49.67	46.65	74.00	27.35	Pass	H	PK
3	4874.0000	34.50	4.78	-40.61	48.97	47.64	74.00	26.36	Pass	H	PK
4	5971.1981	35.75	5.33	-41.06	48.49	48.51	74.00	25.49	Pass	H	PK
5	7311.0000	36.41	5.85	-40.93	46.45	47.78	74.00	26.22	Pass	H	PK
6	9748.0000	37.70	6.77	-40.63	45.46	49.30	74.00	24.70	Pass	H	PK
7	3478.0319	33.39	4.46	-41.83	49.07	45.09	74.00	28.91	Pass	V	PK
8	4077.0718	33.91	4.32	-40.80	48.68	46.11	74.00	27.89	Pass	V	PK
9	4874.0000	34.50	4.78	-40.61	47.75	46.42	74.00	27.58	Pass	V	PK
10	5509.1673	35.01	5.16	-40.64	49.69	49.22	74.00	24.78	Pass	V	PK
11	7311.0000	36.41	5.85	-40.93	47.67	49.00	74.00	25.00	Pass	V	PK
12	9748.0000	37.70	6.77	-40.63	46.13	49.97	74.00	24.03	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	3087.0058	33.23	4.75	-42.06	49.22	45.14	74.00	28.86	Pass	H	PK
2	3983.0655	33.79	4.33	-40.82	49.54	46.84	74.00	27.16	Pass	H	PK
3	4904.0000	34.50	4.88	-40.58	46.90	45.70	74.00	28.30	Pass	H	PK
4	6483.2322	35.90	5.49	-41.19	48.47	48.67	74.00	25.33	Pass	H	PK
5	7356.0000	36.46	5.85	-40.89	46.88	48.30	74.00	25.70	Pass	H	PK
6	9808.0000	37.72	6.59	-40.57	45.81	49.55	74.00	24.45	Pass	H	PK
7	2987.5988	33.18	4.51	-42.12	55.31	50.88	74.00	23.12	Pass	V	PK
8	4465.0977	34.45	4.77	-40.90	49.41	47.73	74.00	26.27	Pass	V	PK
9	4904.0000	34.50	4.88	-40.58	47.46	46.26	74.00	27.74	Pass	V	PK
10	5927.1951	35.68	5.20	-41.02	48.81	48.67	74.00	25.33	Pass	V	PK
11	7356.0000	36.46	5.85	-40.89	47.22	48.64	74.00	25.36	Pass	V	PK
12	9808.0000	37.72	6.59	-40.57	45.81	49.55	74.00	24.45	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; 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.