



Appendix B. Radiated Spurious Emission

Test Engineer :	Nike Yu, Ken Wu, James Chiu, and Luke Chang	Temperature :	21~23°C
		Relative Humidity :	60~63%

2.4GHz 2400~2483.5MHz

WIFI 802.11g (5MHz) (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11g (5MHz) CH 01 2412MHz		2323.68	71	-3	74	31.31	32.09	7.6	0	168	185	P	H
		2325.84	53.26	-0.74	54	13.57	32.09	7.6	0	168	185	A	H
	*	2411.773	123.97	-	-	84.02	32.2	7.75	0	168	185	P	H
	*	2413.026	110.09	-	-	70.14	32.2	7.75	0	168	185	A	H
													H
		2373.44	68.91	-5.09	74	29.07	32.16	7.68	0	164	184	P	V
		2386.96	52.84	-1.16	54	12.91	32.18	7.75	0	164	184	A	V
	*	2412.107	124.77	-	-	84.82	32.2	7.75	0	164	184	P	V
	*	2411.272	111.03	-	-	71.08	32.2	7.75	0	164	184	A	V
													V
802.11g (5MHz) CH 06 2437MHz	*	2437.074	124.17	-	-	84.1	32.24	7.83	0	204	185	P	H
	*	2436.573	110.12	-	-	70.05	32.24	7.83	0	204	185	A	H
		2487.856	66.64	-7.36	74	26.43	32.3	7.91	0	204	185	P	H
		2485.595	50.76	-3.24	54	10.57	32.28	7.91	0	204	185	A	H
		2487.856	66.64	-7.36	74	26.43	32.3	7.91	0	204	185	P	H
													H
	*	2436.406	124.84	-	-	84.79	32.22	7.83	0	164	185		V
	*	2436.573	111.33	-	-	71.26	32.24	7.83	0	164	185	A	V
		2484.391	66.12	-7.88	74	25.93	32.28	7.91	0	164	185	P	V
		2483.5	50.62	-3.38	54	10.43	32.28	7.91	0	164	185	A	V
													V
													V



802.11g (5MHz) CH 11 2462MHz	*	2462.291	122.14	-	-	81.97	32.26	7.91	0	205	184	P	H
	*	2462	108.67	-	-	68.5	32.26	7.91	0	205	184	A	H
		2486.487	67.71	-6.29	74	27.52	32.28	7.91	0	205	184	P	H
		2496.304	51.12	-2.88	54	10.91	32.3	7.91	0	205	184	A	H
													H
													H
	*	2462	123.57	-	-	83.4	32.26	7.91	0	203	180	P	V
	*	2462	109.78	-	-	69.61	32.26	7.91	0	203	180	A	V
		2497.409	67.35	-6.65	74	27.14	32.3	7.91	0	203	180	P	V
		2496.502	51.14	-2.86	54	10.93	32.3	7.91	0	203	180	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz
WIFI 802.11g (5MHz) (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g (5MHz) CH 01 2412MHz		4824	65.21	-8.79	74	79.43	34.26	11.16	59.64	203	142	P	H
		4824	47.82	-6.18	54	62.04	34.26	11.16	59.64	203	142	A	H
													H
													H
		4824	60.35	-13.65	74	74.57	34.26	11.16	59.64	249	136	P	V
		4824	43.07	-10.93	54	57.29	34.26	11.16	59.64	249	136	A	V
		12060	50.81	-23.19	74	50.97	38.96	17.91	57.03	100	0	P	V
													V
802.11g (5MHz) CH 06 2437MHz		4874	62.33	-11.67	74	76.39	34.3	11.21	59.57	182	143	P	H
		4874	44.55	-9.45	54	58.61	34.3	11.21	59.57	182	143	A	H
		7311	66.37	-7.63	74	74.16	35.6	15.08	58.47	177	117	P	H
		7311	48.54	-5.46	54	56.33	35.6	15.08	58.47	177	117	A	H
		12185	48.4	-25.6	74	48.38	39.05	18.05	57.08	100	0	P	H
													H
		4874	56.04	-17.96	74	70.1	34.3	11.21	59.57	237	142	P	V
		4874	39.05	-14.95	54	53.11	34.3	11.21	59.57	237	142	A	V
		7311	65.27	-8.73	74	73.06	35.6	15.08	58.47	397	188	P	V
		7311	46.47	-7.53	54	54.26	35.6	15.08	58.47	397	188	A	V
802.11g (5MHz) CH 11 2462MHz		4926	50.61	-23.39	74	64.5	34.34	11.27	59.5	100	0	P	H
		7386	54.44	-19.56	74	62.28	35.6	15.14	58.58	178	121	P	H
		7386	43.67	-10.33	54	51.51	35.6	15.14	58.58	178	121	A	H
													H
		4926	45.92	-28.08	74	59.81	34.34	11.27	59.5	100	0	P	V
		7386	51.97	-22.03	74	59.81	35.6	15.14	58.58	391	181	P	V
		7386	42.01	-11.99	54	49.85	35.6	15.14	58.58	391	181	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (5MHz) (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 (5MHz) CH 01 2412MHz		2332	72.33	-1.67	74	32.64	32.09	7.6	0	158	179	P	H
		2325.52	53.93	-0.07	54	14.24	32.09	7.6	0	158	179	A	H
	*	2413.193	125.56	-	-	85.61	32.2	7.75	0	158	179	P	H
	*	2413.193	112.13	-	-	72.18	32.2	7.75	0	158	179	A	H
													H
													H
		2378	69.2	-4.8	74	29.36	32.16	7.68	0	158	179	P	V
		2325.76	53.22	-0.78	54	13.53	32.09	7.6	0	158	179	A	V
	*	2411.022	126.57	-	-	86.62	32.2	7.75	0	158	179	P	V
	*	2411.272	112.95	-	-	73	32.2	7.75	0	158	179	A	V
													V
													V
802.11n HT20 (5MHz) 2437MHz	*	2437.992	123.09	-	-	83.02	32.24	7.83	0	182	184	P	H
	*	2438.577	110.25	-	-	70.18	32.24	7.83	0	182	184	A	H
		2488.367	66.25	-7.75	74	26.04	32.3	7.91	0	182	184	P	H
		2483.5	50.58	-3.42	54	10.39	32.28	7.91	0	182	184	A	H
													H
													H
	*	2436.072	125.4	-	-	85.35	32.22	7.83	0	183	184	P	V
	*	2436.49	111.04	-	-	70.99	32.22	7.83	0	183	184	A	V
		2488.994	64.86	-9.14	74	24.65	32.3	7.91	0	183	184	P	V
		2486.487	50.52	-3.48	54	10.33	32.28	7.91	0	183	184	A	V
													V
													V



802.11n HT20 (5MHz) CH 11 2462MHz	*	2462	122.24	-	-	82.07	32.26	7.91	0	215	188	P	H
	*	2462	109.31	-	-	69.14	32.26	7.91	0	215	188	A	H
		2497.674	68.88	-5.12	74	28.67	32.3	7.91	0	215	188	P	H
		2496.271	51.14	-2.86	54	10.93	32.3	7.91	0	215	188	A	H
													H
													H
	*	2462	123.3	-	-	83.13	32.26	7.91	0	200	181	P	V
	*	2462	110.28	-	-	70.11	32.26	7.91	0	200	181	A	V
		2497.244	67.46	-6.54	74	27.25	32.3	7.91	0	200	181	P	V
		2488.994	51.23	-2.77	54	11.02	32.3	7.91	0	200	181	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (5MHz) (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 (5MHz) CH 01 2412MHz		4824	59.86	-14.14	74	74.08	34.26	11.16	59.64	181	214	P	H
		4824	48.33	-5.67	54	62.55	34.26	11.16	59.64	181	214	A	H
													H
													H
		4824	52.54	-21.46	74	66.76	34.26	11.16	59.64	384	188	P	V
		4824	42.7	-11.3	54	56.92	34.26	11.16	59.64	384	188	A	V
													V
													V
802.11n HT20 (5MHz) CH 06 2437MHz		4872	53.48	-20.52	74	67.54	34.3	11.21	59.57	186	156	P	H
		4872	43.16	-10.84	54	57.22	34.3	11.21	59.57	186	156	A	H
		7308	57.08	-16.92	74	64.87	35.6	15.08	58.47	182	119	P	H
		7308	45.52	-8.48	54	53.31	35.6	15.08	58.47	182	119	A	H
		4872	50.05	-23.95	74	64.11	34.3	11.21	59.57	100	0	P	V
		7314	59.51	-14.49	74	67.3	35.6	15.08	58.47	400	190	P	V
		7314	43.19	-10.81	54	50.98	35.6	15.08	58.47	400	190	A	V
													V
802.11n HT20 (5MHz) CH 11 2462MHz		4926	50.34	-23.66	74	64.23	34.34	11.27	59.5	100	0	P	H
		7386	53.67	-20.33	74	61.51	35.6	15.14	58.58	178	241	P	H
		7386	41.81	-12.19	54	49.65	35.6	15.14	58.58	178	241	A	H
													H
		4926	46.08	-27.92	74	59.97	34.34	11.27	59.5	100	0	P	V
		7380	53.04	-20.96	74	60.89	35.6	15.11	58.56	390	186	P	V
		7380	41.62	-12.38	54	49.47	35.6	15.11	58.56	390	186	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11g (8MHz) (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g (8MHz) CH 01 2412MHz		2331.28	67.11	-6.89	74	27.42	32.09	7.6	0	168	179	P	H
		2380	53.57	-0.43	54	13.73	32.16	7.68	0	168	179	A	H
	*	2414.028	118.42	-	-	78.47	32.2	7.75	0	168	179	P	H
	*	2414.279	105.48	-	-	65.53	32.2	7.75	0	168	179	A	H
													H
		2377.44	65.37	-8.63	74	25.53	32.16	7.68	0	164	181	P	V
		2380	52.12	-1.88	54	12.28	32.16	7.68	0	164	181	A	V
	*	2409.603	119.31	-	-	79.36	32.2	7.75	0	164	181	P	V
	*	2409.853	106.7	-	-	66.75	32.2	7.75	0	164	181	A	V
													V
802.11g (8MHz) CH 06 2437MHz	*	2437	117.97	-	-	77.9	32.24	7.83	0	195	184	P	H
	*	2437	105	-	-	64.93	32.24	7.83	0	195	184	A	H
		2488.104	63.68	-10.32	74	23.47	32.3	7.91	0	195	184	P	H
		2484.605	48.59	-5.41	54	8.4	32.28	7.91	0	195	184	A	H
													H
													H
	*	2437	119.04	-	-	78.97	32.24	7.83	0	186	183	P	V
	*	2437	106.1	-	-	66.03	32.24	7.83	0	186	183	A	V
		2488.532	62.9	-11.1	74	22.69	32.3	7.91	0	186	183	P	V
		2485.843	48.83	-5.17	54	8.64	32.28	7.91	0	186	183	A	V
													V
													V



802.11g (8MHz) CH 11 2462MHz	*	2462	115.62	-	-	75.45	32.26	7.91	0	195	182	P	H
	*	2462	102.6	-	-	62.43	32.26	7.91	0	195	182	A	H
		2496.238	64.49	-9.51	74	24.28	32.3	7.91	0	195	182	P	H
		2494.868	49.33	-4.67	54	9.12	32.3	7.91	0	195	182	A	H
													H
													H
	*	2462	115.6	-	-	75.43	32.26	7.91	0	201	180	P	V
	*	2462	102.87	-	-	62.7	32.26	7.91	0	201	180	A	V
		2496.617	64.58	-9.42	74	24.37	32.3	7.91	0	201	180	P	V
		2495.858	49.53	-4.47	54	9.32	32.3	7.91	0	201	180	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11g (8MHz) (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g 8M CH 01 2412MHz		4824	55.39	-18.61	74	69.61	34.26	11.16	59.64	184	146	P	H
		4824	43.11	-10.89	54	57.33	34.26	11.16	59.64	184	146	A	H
													H
													H
		4824	51.15	-22.85	74	65.37	34.26	11.16	59.64	253	141	P	V
		4824	37.81	-16.19	54	52.03	34.26	11.16	59.64	253	141	A	V
													V
													V
802.11g 8M CH 06 2437MHz		4872	48.95	-25.05	74	63.01	34.3	11.21	59.57	100	0	P	H
		7314	51.5	-22.5	74	59.29	35.6	15.08	58.47	178	242	P	H
		7314	39.71	-14.29	54	47.5	35.6	15.08	58.47	178	242	A	H
													H
													H
													H
		4878	44.65	-29.35	74	58.71	34.3	11.21	59.57	100	0	P	V
		7308	51.77	-22.23	74	59.56	35.6	15.08	58.47	400	189	P	V
802.11g 8M CH 11 2462MHz		7308	37.72	-16.28	54	45.51	35.6	15.08	58.47	400	189	A	V
													V
		4926	42.76	-31.24	74	56.65	34.34	11.27	59.5	100	0	P	H
		7386	44.75	-29.25	74	52.59	35.6	15.14	58.58	100	0	P	H
													H
													H
		4926	41.12	-32.88	74	55.01	34.34	11.27	59.5	100	0	P	V
		7386	43.14	-30.86	74	50.98	35.6	15.14	58.58	100	0	P	V
Remark	1.	No other spurious found.											
	2.	All results are PASS against Peak and Average limit line.											



2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (8MHz) (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 (8MHz) CH 01 2412MHz		2332.72	67.19	-6.81	74	27.5	32.09	7.6	0	167	181	P	H
		2379.92	53.03	-0.97	54	13.19	32.16	7.68	0	167	181	A	H
	*	2412	118.34	-	-	78.39	32.2	7.75	0	167	181	P	H
	*	2412	106.17	-	-	66.22	32.2	7.75	0	167	181	A	H
													H
													H
		2331.12	67.25	-6.75	74	27.56	32.09	7.6	0	162	186	P	V
		2380.08	52.3	-1.7	54	12.39	32.16	7.75	0	162	186	A	V
	*	2412	120.13	-	-	80.18	32.2	7.75	0	162	186	P	V
	*	2412	107.27	-	-	67.32	32.2	7.75	0	162	186	A	V
													V
													V
802.11n HT20 (8MHz) CH 06 2437MHz	*	2437	118.29	-	-	78.22	32.24	7.83	0	194	179	P	H
	*	2437	105.63	-	-	65.56	32.24	7.83	0	194	179	A	H
		2483.681	62.49	-11.51	74	22.3	32.28	7.91	0	194	179	P	H
		2484.193	48.85	-5.15	54	8.66	32.28	7.91	0	194	179	A	H
													H
													H
	*	2437	119.59	-	-	79.52	32.24	7.83	0	161	182	P	V
	*	2437	106.69	-	-	66.62	32.24	7.83	0	161	182	A	V
		2483.681	62.3	-11.7	74	22.11	32.28	7.91	0	161	182	P	V
		2483.681	62.3	-11.7	74	22.11	32.28	7.91	0	161	182	A	V
													V
													V



802.11n HT20 (8MHz) CH 11 2462MHz	*	2462	117.71	-	-	77.54	32.26	7.91	0	192	177	P	H
	*	2462	104.52	-	-	64.35	32.26	7.91	0	192	177	A	H
		2495.264	66.4	-7.6	74	26.19	32.3	7.91	0	192	177	P	H
		2495.429	51.42	-2.58	54	11.21	32.3	7.91	0	192	177	A	H
													H
													H
	*	2462	119.16	-	-	78.99	32.26	7.91	0	201	181	P	V
	*	2462	106.1	-	-	65.93	32.26	7.91	0	201	181	A	V
		2499.505	65.69	-8.31	74	25.48	32.3	7.91	0	201	181	P	V
		2499.323	51.4	-2.6	54	11.19	32.3	7.91	0	201	181	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (8MHz) (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 (8MHz) CH 01 2412MHz		4824	53.79	-20.21	74	68.01	34.26	11.16	59.64	189	142	P	H
		4824	42.24	-11.76	54	56.46	34.26	11.16	59.64	189	142	A	H
													H
													H
		4818	46.97	-27.03	74	61.24	34.26	11.11	59.64	100	0	P	V
													V
													V
802.11n HT20 (8MHz) CH 06 2437MHz		4872	50.39	-23.61	74	64.45	34.3	11.21	59.57	100	0	P	H
		7314	50.62	-23.38	74	58.41	35.6	15.08	58.47	100	0	P	H
													H
													H
		4878	44.08	-29.92	74	58.14	34.3	11.21	59.57	100	0	P	V
		7308	48.8	-25.2	74	56.59	35.6	15.08	58.47	100	0	P	V
													V
802.11n HT20 (8MHz) CH 11 2462MHz		4926	47.85	-26.15	74	61.74	34.34	11.27	59.5	100	0	P	H
		7386	47.59	-26.41	74	55.43	35.6	15.14	58.58	100	0	P	H
													H
													H
		4926	42.54	-31.46	74	56.43	34.34	11.27	59.5	100	0	P	V
		7386	46.4	-27.6	74	54.24	35.6	15.14	58.58	100	0	P	V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz
WIFI 802.11g (10MHz) (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g (10MHz) CH 01 2412MHz		2330.32	71.01	-2.99	74	31.32	32.09	7.6	0	171	181	P	H
		2324.72	53.87	-0.13	54	14.18	32.09	7.6	0	171	181	A	H
	*	2412	121.99	-	-	82.04	32.2	7.75	0	171	181	P	H
	*	2412	109.59	-	-	69.64	32.2	7.75	0	171	181	A	H
													H
		2364.96	68.51	-5.49	74	28.7	32.13	7.68	0	216	178	P	V
		2369.76	53.91	-0.09	54	14.07	32.16	7.68	0	216	178	A	V
	*	2412	122.42	-	-	82.47	32.2	7.75	0	216	178	P	V
	*	2412	110.02	-	-	70.07	32.2	7.75	0	216	178	A	V
													V
802.11g (10MHz) CH 06 2437MHz	*	2437	121.22	-	-	81.15	32.24	7.83	0	180	183	P	H
	*	2437	109.07	-	-	69	32.24	7.83	0	180	183	A	H
		2484.094	67.67	-6.33	74	27.48	32.28	7.91	0	180	183	P	H
		2484.407	53.49	-0.51	54	13.3	32.28	7.91	0	180	183	A	H
													H
													H
	*	2437	121.56	-	-	81.49	32.24	7.83	0	179	181	P	V
	*	2437	109.34	-	-	69.27	32.24	7.83	0	179	181	A	V
		2483.632	65.79	-8.21	74	25.6	32.28	7.91	0	179	181	P	V
		2483.5	52.36	-1.64	54	12.17	32.28	7.91	0	179	181	A	V
													V
													V



802.11g (10MHz) CH 11 2462MHz	*	2464.211	120.58	-	-	80.41	32.26	7.91	0	191	182	P	H
	*	2463.71	107.84	-	-	67.67	32.26	7.91	0	191	182	A	H
		2491.7	67.66	-6.34	74	27.45	32.3	7.91	0	191	182	P	H
		2483.748	51.78	-2.22	54	11.59	32.28	7.91	0	191	182	A	H
													H
													H
	*	2460.371	120.73	-	-	80.56	32.26	7.91	0	176	181	P	V
	*	2460.287	108.76	-	-	68.59	32.26	7.91	0	176	181	A	V
		2497.805	67.99	-6.01	74	27.78	32.3	7.91	0	176	181	P	V
		2490.479	52.1	-1.9	54	11.89	32.3	7.91	0	176	181	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11g (10MHz) (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g (10MHz) CH 01 2412MHz		4824	59.54	-14.46	74	73.76	34.26	11.16	59.64	185	146	P	H
		4824	48.37	-5.63	54	62.59	34.26	11.16	59.64	185	146	A	H
													H
													H
		4824	52.41	-21.59	74	66.63	34.26	11.16	59.64	386	189	P	V
		4824	42.68	-11.32	54	56.9	34.26	11.16	59.64	386	189	A	V
													V
													V
802.11g (10MHz) CH 06 2437MHz		4872	53.07	-20.93	74	67.13	34.3	11.21	59.57	174	149	P	H
		4872	43.56	-10.44	54	57.62	34.3	11.21	59.57	174	149	A	H
		7314	58.73	-15.27	74	66.52	35.6	15.08	58.47	175	121	P	H
		7314	47.1	-6.9	54	54.89	35.6	15.08	58.47	175	121	A	H
													H
													H
		4872	49.29	-24.71	74	63.35	34.3	11.21	59.57	100	0	P	V
		7314	54.74	-19.26	74	62.53	35.6	15.08	58.47	230	189	P	V
		7314	43.58	-10.42	54	51.37	35.6	15.08	58.47	230	189	A	V
													V
802.11g (10MHz) CH 11 2462MHz		4926	50.51	-23.49	74	64.4	34.34	11.27	59.5	100	0	P	H
		7386	53.17	-20.83	74	61.01	35.6	15.14	58.58	176	239	P	H
		7386	43.43	-10.57	54	51.27	35.6	15.14	58.58	176	239	A	H
													H
		4926	46.7	-27.3	74	60.59	34.34	11.27	59.5	100	0	P	V
		7386	50.12	-23.88	74	57.96	35.6	15.14	58.58	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (10MHz) (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 (10MHz) CH 01 2412MHz		2334.32	69.3	-4.7	74	29.61	32.09	7.6	0	168	185	P	H
		2325.92	53.65	-0.35	54	13.96	32.09	7.6	0	168	185	A	H
	*	2413.277	121.42	-	-	81.47	32.2	7.75	0	168	185	P	H
	*	2414.028	108.75	-	-	68.8	32.2	7.75	0	168	185	A	H
													H
													H
		2378.24	68.29	-5.71	74	28.45	32.16	7.68	0	163	180	P	V
		2383.2	53.03	-0.97	54	13.12	32.16	7.75	0	163	180	A	V
	*	2412	122.06	-	-	82.11	32.2	7.75	0	163	180	P	V
	*	2412	109.3	-	-	69.35	32.2	7.75	0	163	180	A	V
													V
													V
802.11n HT20 (10MHz) CH 06 2437MHz	*	2434.068	120.15	-	-	80.1	32.22	7.83	0	182	183	P	H
	*	2434.402	106.96	-	-	66.91	32.22	7.83	0	182	183	A	H
		2483.83	66.15	-7.85	74	25.96	32.28	7.91	0	182	183	P	H
		2483.632	51.98	-2.02	54	11.79	32.28	7.91	0	182	183	A	H
													H
													H
	*	2440.247	120.75	-	-	80.68	32.24	7.83	0	165	182	P	V
	*	2439.746	108.74	-	-	68.67	32.24	7.83	0	165	182	A	V
		2483.599	66.98	-7.02	74	26.79	32.28	7.91	0	165	182	P	V
		2484.605	51.94	-2.06	54	11.75	32.28	7.91	0	165	182	A	V
													V
													V



802.11n HT20 (10MHz) CH 11 2462MHz	*	2462	120.39	-	-	80.22	32.26	7.91	0	179	185	P	H
	*	2462	107.88	-	-	67.71	32.26	7.91	0	179	185	A	H
		2491.519	67.89	-6.11	74	27.68	32.3	7.91	0	179	185	P	H
		2495.017	51.79	-2.21	54	11.58	32.3	7.91	0	179	185	A	H
													H
													H
	*	2460.705	122.05	-	-	81.88	32.26	7.91	0	204	180	P	V
	*	2460.037	109.18	-	-	69.01	32.26	7.91	0	204	180	A	V
		2494.406	66.95	-7.05	74	26.74	32.3	7.91	0	204	180	P	V
		2486.14	51.75	-2.25	54	11.56	32.28	7.91	0	204	180	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (10MHz) (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 (10MHz) CH 01 2412MHz		4824	59.99	-14.01	74	74.21	34.26	11.16	59.64	179	148	P	H
		4824	46.42	-7.58	54	60.64	34.26	11.16	59.64	179	148	A	H
		7236	56.47	-17.53	74	64.23	35.6	15.03	58.39	169	245	P	H
		7236	47.12	-6.88	54	54.88	35.6	15.03	58.39	169	245	A	H
		4824	50.38	-23.62	74	64.6	34.26	11.16	59.64	100	0	P	V
		7236	53.17	-20.83	74	60.93	35.6	15.03	58.39	397	190	P	V
		7236	44	-10	54	51.76	35.6	15.03	58.39	397	190	A	V
													V
802.11n HT20 (10MHz) CH 06 2437MHz		4872	53.08	-20.92	74	67.14	34.3	11.21	59.57	183	148	P	H
		4872	41.54	-12.46	54	55.6	34.3	11.21	59.57	183	148	A	H
		7308	55.11	-18.89	74	62.9	35.6	15.08	58.47	169	157	P	H
		7308	44.57	-9.43	54	52.36	35.6	15.08	58.47	169	157	A	H
		4872	48.09	-25.91	74	62.15	34.3	11.21	59.57	100	0	P	V
		7308	54.06	-19.94	74	61.85	35.6	15.08	58.47	400	189	P	V
		7308	42.37	-11.63	54	50.16	35.6	15.08	58.47	400	189	A	V
													V
802.11n HT20 (10MHz) CH 11 2462MHz		4926	48.97	-25.03	74	62.86	34.34	11.27	59.5	100	0	P	H
		7380	54.14	-19.86	74	61.99	35.6	15.11	58.56	175	242	P	H
		7380	43.51	-10.49	54	51.36	35.6	15.11	58.56	175	242	A	H
													H
		4926	47.11	-26.89	74	61	34.34	11.27	59.5	100	0	P	V
		7380	51.92	-22.08	74	59.77	35.6	15.11	58.56	210	144	P	V
		7380	40.27	-13.73	54	48.12	35.6	15.11	58.56	210	144	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz
WIFI 802.11g (20MHz) (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g (20MHz) CH 01 2412MHz		2328.08	66.62	-7.38	74	26.93	32.09	7.6	0	168	183	P	H
		2388.4	51.78	-2.22	54	11.85	32.18	7.75	0	168	183	A	H
	*	2412	112.99	-	-	73.04	32.2	7.75	0	168	183	P	H
	*	2412	102.86	-	-	62.91	32.2	7.75	0	168	183	A	H
													H
													H
		2390	67.84	-6.16	74	27.91	32.18	7.75	0	166	179	P	V
		2390	53.72	-0.28	54	13.79	32.18	7.75	0	166	179	A	V
	*	2412	115.95	-	-	76	32.2	7.75	0	166	179	P	V
	*	2412	104.01	-	-	64.06	32.2	7.75	0	166	179	A	V
													V
													V
802.11g (20MHz) CH 06 2437MHz	*	2437	114.86	-	-	74.79	32.24	7.83	0	143	174	P	H
	*	2437	104.77	-	-	64.7	32.24	7.83	0	143	174	A	H
		2483.962	65.66	-8.34	74	25.47	32.28	7.91	0	143	174	P	H
		2488.483	51.57	-2.43	54	11.36	32.3	7.91	0	143	174	A	H
													H
													H
	*	2437	117.62	-	-	77.55	32.24	7.83	0	179	183	P	V
	*	2437	106.28	-	-	66.21	32.24	7.83	0	179	183	A	V
		2485.463	65.88	-8.12	74	25.69	32.28	7.91	0	179	183	P	V
		2484.738	51.71	-2.29	54	11.52	32.28	7.91	0	179	183	A	V
													V
													V



802.11g (20MHz) CH 11 2462MHz	*	2462	111.6	-	-	71.43	32.26	7.91	0	201	183	P	H
	*	2462	101.1	-	-	60.93	32.26	7.91	0	201	183	A	H
		2483.913	69.14	-4.86	74	28.95	32.28	7.91	0	201	183	P	H
		2483.5	52.98	-1.02	54	12.79	32.28	7.91	0	201	183	A	H
													H
													H
	*	2462	115.11	-	-	74.94	32.26	7.91	0	182	183	P	V
	*	2462	102.8	-	-	62.63	32.26	7.91	0	182	183	A	V
		2484.209	66.6	-7.4	74	26.41	32.28	7.91	0	182	183	P	V
		2483.5	52.2	-1.8	54	12.01	32.28	7.91	0	182	183	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11g (20MHz) (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g (20MHz) CH 01 2412MHz		4824	52.08	-21.92	74	66.3	34.26	11.16	59.64	161	147	P	H
		4824	40.31	-13.69	54	54.53	34.26	11.16	59.64	161	147	A	H
		7236	49.56	-24.44	74	57.32	35.6	15.03	58.39	100	0	P	H
													H
		4824	46.84	-27.16	74	61.06	34.26	11.16	59.64	100	0	P	V
		7236	45.4	-28.6	74	53.16	35.6	15.03	58.39	100	0	P	V
													V
													V
802.11g (20MHz) CH 06 2437MHz		4872	52.02	-21.98	74	66.08	34.3	11.21	59.57	170	151	P	H
		4872	39.74	-14.26	54	53.8	34.3	11.21	59.57	170	151	A	H
		7308	51.36	-22.64	74	59.15	35.6	15.08	58.47	167	120	P	H
		7308	43.59	-10.41	54	51.38	35.6	15.08	58.47	167	120	A	H
		4872	45.28	-28.72	74	59.34	34.3	11.21	59.57	100	0	P	V
		7302	50.33	-23.67	74	58.12	35.6	15.08	58.47	100	0	P	V
802.11g (20MHz) CH 11 2462MHz		4926	43.24	-30.76	74	57.13	34.34	11.27	59.5	100	0	P	H
		7386	44.75	-29.25	74	52.59	35.6	15.14	58.58	100	0	P	H
													H
													H
		4926	41.8	-32.2	74	55.69	34.34	11.27	59.5	100	0	P	V
		7386	44.97	-29.03	74	52.81	35.6	15.14	58.58	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (20MHz) (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 (20MHz) CH 01 2412MHz		2386.16	64.85	-9.15	74	24.92	32.18	7.75	0	168	183	P	H
		2389.76	51.65	-2.35	54	11.72	32.18	7.75	0	168	183	A	H
	*	2412	111.7	-	-	71.75	32.2	7.75	0	168	183	P	H
	*	2412	101.36	-	-	61.41	32.2	7.75	0	168	183	A	H
													H
													H
		2390	66.44	-7.56	74	26.51	32.18	7.75	0	166	179	P	V
		2389.84	52.13	-1.87	54	12.2	32.18	7.75	0	166	179	A	V
	*	2412	112.65	-	-	72.7	32.2	7.75	0	166	179	P	V
	*	2412	102.51	-	-	62.56	32.2	7.75	0	166	179	A	V
													V
													V
802.11n HT20 (20MHz) CH 06 2437MHz	*	2436	114.92	-	-	74.87	32.22	7.83	0	149	178	P	H
	*	2436	104.67	-	-	64.62	32.22	7.83	0	149	178	A	H
		2484.638	65.97	-8.03	74	25.78	32.28	7.91	0	149	178	P	H
		2483.797	51.37	-2.63	54	11.18	32.28	7.91	0	149	178	A	H
													H
													H
	*	2437	117.09	-	-	77.02	32.24	7.83	0	165	185	P	V
	*	2438	106.2	-	-	66.13	32.24	7.83	0	165	185	A	V
		2486.338	65.64	-8.36	74	25.45	32.28	7.91	0	165	185	P	V
		2485.067	51.77	-2.23	54	11.58	32.28	7.91	0	165	185	A	V
													V
													V



802.11n HT20 (20MHz) CH 11 2462MHz	*	2463	111.71	-	-	71.54	32.26	7.91	0	194	187	P	H
	*	2463	101.39	-	-	61.22	32.26	7.91	0	194	187	A	H
		2485.414	70.06	-3.94	74	29.87	32.28	7.91	0	194	187	P	H
		2483.648	53.73	-0.27	54	13.54	32.28	7.91	0	194	187	A	H
													H
													H
	*	2461	113.65	-	-	73.48	32.26	7.91	0	202	186	P	V
	*	2461	102.6	-	-	62.43	32.26	7.91	0	202	186	A	V
		2484.573	68.51	-5.49	74	28.32	32.28	7.91	0	202	186	P	V
		2483.517	53.3	-0.7	54	13.11	32.28	7.91	0	202	186	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (20MHz) (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 (20MHz) CH 01 2412MHz		4824	48.92	-25.08	74	63.14	34.26	11.16	59.64	100	0	P	H
		7236	46.75	-27.25	74	54.51	35.6	15.03	58.39	100	0	P	H
													H
													H
		4824	43.27	-30.73	74	57.49	34.26	11.16	59.64	100	0	P	V
		7236	45.07	-28.93	74	52.83	35.6	15.03	58.39	100	0	P	V
													V
													V
802.11n HT20 (20MHz) CH 06 2437MHz		4872	48.5	-25.5	74	62.56	34.3	11.21	59.57	100	0	P	H
		7308	51.95	-22.05	74	59.74	35.6	15.08	58.47	171	245	P	H
		7308	42.05	-11.95	54	49.84	35.6	15.08	58.47	171	245	A	H
													H
		4872	45.59	-28.41	74	59.65	34.3	11.21	59.57	100	0	P	V
		7308	49.37	-24.63	74	57.16	35.6	15.08	58.47	100	0	P	V
													V
													V
802.11n HT20 (20MHz) CH 11 2462MHz		4926	41.69	-32.31	74	55.58	34.34	11.27	59.5	100	0	P	H
		7386	43.54	-30.46	74	51.38	35.6	15.14	58.58	100	0	P	H
													H
													H
		4926	41.47	-32.53	74	55.36	34.34	11.27	59.5	100	0	P	V
		7386	44.74	-29.26	74	52.58	35.6	15.14	58.58	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz
WIFI 802.11g (30MHz) (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g (30MHz) CH 02 2417MHz		2376.08	60.43	-13.57	74	20.59	32.16	7.68	0	165	180	P	H
		2376	53.9	-0.1	54	14.06	32.16	7.68	0	165	180	A	H
	*	2421.209	102.67	-	-	62.62	32.22	7.83	0	165	180	P	H
	*	2426.135	92.95	-	-	52.9	32.22	7.83	0	165	180	A	H
													H
		2390	63.04	-10.96	74	23.11	32.18	7.75	0	163	180	P	V
		2375.92	52.67	-1.33	54	12.83	32.16	7.68	0	163	180	A	V
	*	2408.517	105.17	-	-	65.22	32.2	7.75	0	163	180	P	V
	*	2408.183	94.38	-	-	54.43	32.2	7.75	0	163	180	A	V
													V
802.11g (30MHz) CH 06 2437MHz	*	2435	101.7	-	-	61.65	32.22	7.83	0	175	187	P	H
	*	2435	92.08	-	-	52.03	32.22	7.83	0	175	187	A	H
		2484.424	60.52	-13.48	74	20.33	32.28	7.91	0	175	187	P	H
		2494.935	46.71	-7.29	54	6.5	32.3	7.91	0	175	187	A	H
													H
													H
	*	2435	104.75	-	-	64.7	32.22	7.83	0	187	179	P	V
	*	2435	93.84	-	-	53.79	32.22	7.83	0	187	179	A	V
		2494.654	59.2	-14.8	74	18.99	32.3	7.91	0	187	179	P	V
		2486.998	46.32	-7.68	54	6.13	32.28	7.91	0	187	179	A	V
													V
													V



802.11g (30MHz) CH 10 2457MHz	*	2459.034	101.71	-	-	61.62	32.26	7.83	0	168	180	P	H
	*	2466.717	92.14	-	-	51.97	32.26	7.91	0	168	180	A	H
		2483.681	63.98	-10.02	74	23.79	32.28	7.91	0	168	180	P	H
		2483.731	47.96	-6.04	54	7.77	32.28	7.91	0	168	180	A	H
													H
													H
	*	2446.844	104.11	-	-	64.04	32.24	7.83	0	184	180	P	V
	*	2448.764	93.49	-	-	53.42	32.24	7.83	0	184	180	A	V
		2483.995	63.02	-10.98	74	22.83	32.28	7.91	0	184	180	P	V
		2483.632	48.04	-5.96	54	7.85	32.28	7.91	0	184	180	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11g (30MHz) (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g (30MHz) CH 02 2417MHz		4834	40.83	-33.17	74	55.01	34.28	11.16	59.62	400	0	P	H
		7251	43.39	-30.61	74	51.17	35.6	15.03	58.41	400	0	P	H
													H
													H
		4834	41.25	-32.75	74	55.43	34.28	11.16	59.62	400	0	P	V
		7251	43.49	-30.51	74	51.27	35.6	15.03	58.41	400	0	P	V
													V
													V
802.11g (30MHz) CH 06 2437MHz		4872	40.78	-33.22	74	54.84	34.3	11.21	59.57	100	0	P	H
		7308	43.33	-30.67	74	51.12	35.6	15.08	58.47	100	0	P	H
													H
													H
													H
													H
		4872	41.5	-32.5	74	55.56	34.3	11.21	59.57	100	0	P	V
		7308	43.44	-30.56	74	51.23	35.6	15.08	58.47	100	0	P	V
802.11g (30MHz) CH 10 2457MHz		4914	40.56	-33.44	74	54.48	34.33	11.27	59.52	400	0	P	H
		7371	42.96	-31.04	74	50.81	35.6	15.11	58.56	400	0	P	H
													H
													H
		4914	40.69	-33.31	74	54.61	34.33	11.27	59.52	400	0	P	V
		7371	43.54	-30.46	74	51.39	35.6	15.11	58.56	400	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (30MHz) (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 (30MHz) CH 02 2417MHz		2375.92	60.84	-13.16	74	21	32.16	7.68	0	165	180	P	H
		2376.08	53.1	-0.9	54	13.26	32.16	7.68	0	165	180	A	H
	*	2408.768	99.51	-	-	59.56	32.2	7.75	0	165	180	P	H
	*	2409.102	89.55	-	-	49.6	32.2	7.75	0	165	180	A	H
													H
													H
		2390	60.92	-13.08	74	20.99	32.18	7.75	0	192	180	P	V
		2376.08	53	-1	54	13.16	32.16	7.68	0	192	180	A	V
	*	2426.386	101.64	-	-	61.59	32.22	7.83	0	192	180	P	V
	*	2427.388	91.67	-	-	51.62	32.22	7.83	0	192	180	A	V
													V
													V
802.11n HT20 (30MHz) CH 06 2437MHz	*	2436	101.71	-	-	61.66	32.22	7.83	0	187	180	P	H
	*	2436	91.28	-	-	51.23	32.22	7.83	0	187	180	A	H
		2489.292	60.2	-13.8	74	19.99	32.3	7.91	0	187	180	P	H
		2491.123	46.46	-7.54	54	6.25	32.3	7.91	0	187	180	A	H
													H
													H
	*	2438	102.79	-	-	62.72	32.24	7.83	0	222	183	P	V
	*	2438	93.35	-	-	53.28	32.24	7.83	0	222	183	A	V
		2483.979	59.36	-14.64	74	19.17	32.28	7.91	0	222	183	P	V
		2483.896	46.01	-7.99	54	5.82	32.28	7.91	0	222	183	A	V
													V
													V



802.11n HT20 (30MHz) CH 10 2457MHz	*	2465.13	102.09	-	-	61.92	32.26	7.91	0	131	180	P	H
	*	2465.464	91.96	-	-	51.79	32.26	7.91	0	131	180	A	H
		2483.55	64.16	-9.84	74	23.97	32.28	7.91	0	131	180	P	H
		2483.566	47.37	-6.63	54	7.18	32.28	7.91	0	131	180	A	H
													H
													H
	*	2450.852	102.73	-	-	62.66	32.24	7.83	0	165	180	P	V
	*	2449.348	92.29	-	-	52.22	32.24	7.83	0	165	180	A	V
		2483.665	63.34	-10.66	74	23.15	32.28	7.91	0	165	180	P	V
		2483.731	47.75	-6.25	54	7.56	32.28	7.91	0	165	180	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (30MHz) (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 (30MHz) CH 02 2417MHz		4834	41.45	-32.55	74	55.63	34.28	11.16	59.62	400	0	P	H
		7251	43.44	-30.56	74	51.22	35.6	15.03	58.41	400	0	P	H
													H
													H
		4834	41.18	-32.82	74	55.36	34.28	11.16	59.62	400	0	P	V
		7251	43.06	-30.94	74	50.84	35.6	15.03	58.41	400	0	P	V
													V
													V
802.11n HT20 (30MHz) CH 06 2437MHz		4872	41.63	-32.37	74	55.69	34.3	11.21	59.57	100	0	P	H
		7308	43.74	-30.26	74	51.53	35.6	15.08	58.47	100	0	P	H
													H
													H
		4872	42.38	-31.62	74	56.44	34.3	11.21	59.57	100	0	P	V
		7308	43.83	-30.17	74	51.62	35.6	15.08	58.47	100	0	P	V
													V
													V
802.11n HT20 (30MHz) CH 10 2457MHz		4914	40.27	-33.73	74	54.19	34.33	11.27	59.52	400	0	P	H
		7371	43.26	-30.74	74	51.11	35.6	15.11	58.56	400	0	P	H
													H
													H
		4914	41.5	-32.5	74	55.42	34.33	11.27	59.52	400	0	P	V
		7371	43.27	-30.73	74	51.12	35.6	15.11	58.56	400	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 03 2422MHz		2390	72.92	-1.08	74	32.99	32.18	7.75	0	185	184	P	H
		2390	52.41	-1.59	54	12.48	32.18	7.75	0	185	184	A	H
	*	2423	107.76	-	-	67.71	32.22	7.83	0	185	184	P	H
	*	2423	97.02	-	-	56.97	32.22	7.83	0	185	184	A	H
													H
													H
		2389.92	72.3	-1.7	74	32.37	32.18	7.75	0	184	179	P	V
		2390	53.39	-0.61	54	13.46	32.18	7.75	0	184	179	A	V
	*	2423	107.83	-	-	67.78	32.22	7.83	0	184	179	P	V
	*	2423	97.23	-	-	57.18	32.22	7.83	0	184	179	A	V
													V
													V
802.11n HT40 CH 06 2437MHz	*	2439	111.88	-	-	71.81	32.24	7.83	0	172	182	P	H
	*	2439	101.51	-	-	61.44	32.24	7.83	0	172	182	A	H
		2485.101	68.94	-5.06	74	28.75	32.28	7.91	0	172	182	P	H
		2483.995	53.35	-0.65	54	13.16	32.28	7.91	0	172	182	A	H
													H
													H
	*	2438	112.16	-	-	72.09	32.24	7.83	0	206	179	P	V
	*	2438	102.03	-	-	61.96	32.24	7.83	0	206	179	A	V
		2486.701	67.07	-6.93	74	26.88	32.28	7.91	0	206	179	P	V
		2485.001	52.41	-1.59	54	12.22	32.28	7.91	0	206	179	A	V
													V
													V



802.11n HT40 CH 09 2452MHz	*	2451	104.89	-	-	64.82	32.24	7.83	0	192	181	P	H
	*	2451	94.88	-	-	54.81	32.24	7.83	0	192	181	A	H
		2483.83	72.96	-1.04	74	32.77	32.28	7.91	0	192	181	P	H
		2483.566	52.81	-1.19	54	12.62	32.28	7.91	0	192	181	A	H
													H
													H
	*	2453	105.98	-	-	65.91	32.24	7.83	0	200	176	P	V
	*	2453	95.17	-	-	55.1	32.24	7.83	0	200	176	A	V
		2484.127	73.22	-0.78	74	33.03	32.28	7.91	0	200	176	P	V
		2484.011	52.5	-1.5	54	12.31	32.28	7.91	0	200	176	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 03 2422MHz		4842	40.72	-33.28	74	54.9	34.28	11.16	59.62	100	0	P	H
		7266	43.84	-30.16	74	51.61	35.6	15.06	58.43	100	0	P	H
													H
													H
		4842	40.99	-33.01	74	55.17	34.28	11.16	59.62	100	0	P	V
		7266	43.14	-30.86	74	50.91	35.6	15.06	58.43	100	0	P	V
													V
													V
802.11n HT40 CH 06 2437MHz		4872	46.63	-27.37	74	60.69	34.3	11.21	59.57	100	0	P	H
		7314	48.82	-25.18	74	56.61	35.6	15.08	58.47	100	0	P	H
													H
													H
		4874	43.09	-30.91	74	57.15	34.3	11.21	59.57	100	0	P	V
		7311	47.2	-26.8	74	54.99	35.6	15.08	58.47	100	0	P	V
													V
													V
802.11n HT40 CH 09 2452MHz		4902	40.89	-33.11	74	54.81	34.33	11.27	59.52	100	0	P	H
		7356	43.78	-30.22	74	51.6	35.6	15.11	58.53	100	0	P	H
													H
													H
		4904	40.58	-33.42	74	54.5	34.33	11.27	59.52	100	0	P	V
		7356	43.13	-30.87	74	50.95	35.6	15.11	58.53	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

2.4GHz WIFI 802.11g (LF)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11g LF		108.84	39.05	-4.45	43.5	57.12	10.74	2.38	31.19	245	179	P	H
		159.87	28.64	-14.86	43.5	46.73	10.5	2.61	31.2	-	-	P	H
		250.05	34.47	-11.53	46	50.11	12.4	2.96	31	-	-	P	H
		329.4	30.96	-15.04	46	44.88	13.8	3.28	31	-	-	P	H
		400.1	39	-7	46	50.45	15.93	3.52	30.9	-	-	P	H
		799.8	29.48	-16.52	46	33.16	22	4.62	30.3	-	-	P	H
													H
													H
													H
													H
													H
													H
		49.71	27.82	-12.18	40	48.5	8.75	1.77	31.2	-	-	P	V
		59.97	27.55	-12.45	40	51.08	6	1.77	31.3	-	-	P	V
		109.92	31.88	-11.62	43.5	49.9	10.8	2.38	31.2	-	-	P	V
		324.5	29.09	-16.91	46	43.21	13.6	3.28	31	-	-	P	V
		400.1	35.02	-10.98	46	46.47	15.93	3.52	30.9	136	225	P	V
		800.5	30.25	-15.75	46	33.93	22	4.62	30.3	-	-	P	V
													V
													V
												V	
												V	
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Note symbol

*	Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is over limit line.
P/A	Peak or Average
H/V	Horizontal or Vertical



A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Level(dBμV/m) =

Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)

= 43.54 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

Both peak and average measured complies with the limit line, so test result is “PASS”.