



## 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	



<b>802.11g (5MHz) CH 11 2462MHz</b>	*	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
<b>Remark</b>	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
<b>Remark</b>	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	



<b>802.11n HT20 (5MHz) CH 11 2462MHz</b>	*	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
<b>Remark</b>	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
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	
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
802.11g (8MHz) CH 06 2437MHz													V	
	*	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	



<b>802.11g (8MHz) CH 11 2462MHz</b>	*	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
<b>Remark</b>	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
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	
			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	
													V	
													V	
<b>Remark</b>	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	



<b>802.11n HT20 (8MHz) CH 11 2462MHz</b>	*	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
<b>Remark</b>	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	



<b>802.11g (10MHz) CH 11 2462MHz</b>	*	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
<b>Remark</b>	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		





<b>802.11n HT20 (10MHz) CH 11 2462MHz</b>	*	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
<b>Remark</b>	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
802.11g (20MHz) CH 06 2437MHz													V	
													V	
		*	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	



<b>802.11g (20MHz) CH 11 2462MHz</b>	*	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
<b>Remark</b>	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
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
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



<b>802.11n HT20 (20MHz) CH 11 2462MHz</b>	*	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
<b>Remark</b>	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
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
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
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	



<b>802.11g (30MHz) CH 10 2457MHz</b>	*	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
<b>Remark</b>	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
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
		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
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	



<b>802.11n HT20 (30MHz) CH 10 2457MHz</b>	*	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
<b>Remark</b>	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
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
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
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
802.11n HT40 CH 06 2437MHz													V	
													V	
		*	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	



<b>802.11n</b>  <b>HT40</b>  <b>CH 09</b>  <b>2452MHz</b>	*	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	
<b>Remark</b>	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
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
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
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	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against limit line.													



**Note symbol**

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



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

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

**For Peak Limit @ 2390MHz:**

- 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)
- Over Limit(dB)  
= Level(dBμV/m) – Limit Line(dBμV/m)  
= 55.45(dBμV/m) – 74(dBμV/m)  
= -18.55(dB)

**For Average Limit @ 2390MHz:**

- 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)
- 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”.