



Appendix A. Radiated Spurious Emission

Test Engineer :	Lewis He	Temperature :	23~24°C
		Relative Humidity :	51~52%
Remark:	All the radiated test cases were performed with adapter 1.		

15C 2.4GHz 2400~2483.5MHz

WIFI 802.11b (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)
802.11b CH 01 2412MHz		2387.76	54.32	-19.68	74	54.31	27.23	33.24	6.02	250	43	P	H
		2386.32	44.25	-9.75	54	44.24	27.23	33.24	6.02	250	43	A	H
	*	2412	104.34	-	-	104.2	27.28	33.22	6.08	250	43	P	H
	*	2412	101.37	-	-	101.23	27.28	33.22	6.08	250	43	A	H
													H
													H
		2384.52	54.17	-19.83	74	54.2	27.19	33.24	6.02	350	73	P	V
		2386.14	44.59	-9.41	54	44.58	27.23	33.24	6.02	350	73	A	V
	*	2412	106.42	-	-	106.28	27.28	33.22	6.08	350	73	P	V
	*	2412	103.5	-	-	103.36	27.28	33.22	6.08	350	73	A	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



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 CH 06 2437MHz		2387.58	54.01	-19.99	74	54	27.23	33.24	6.02	244	44	P	H
		2383.26	42.75	-11.25	54	42.78	27.19	33.24	6.02	244	44	A	H
	*	2437	103.92	-	-	103.68	27.37	33.21	6.08	244	44	P	H
	*	2437	101.01	-	-	100.77	27.37	33.21	6.08	244	44	A	H
		2499.28	54.75	-19.25	74	54.2	27.5	33.17	6.22	244	44	P	H
		2483.56	43.34	-10.66	54	42.84	27.46	33.18	6.22	244	44	A	H
		2364.9	53.53	-20.47	74	53.61	27.14	33.24	6.02	306	64	P	V
		2387.58	42.74	-11.26	54	42.73	27.23	33.24	6.02	306	64	A	V
	*	2437	105.99	-	-	105.75	27.37	33.21	6.08	306	64	P	V
	*	2437	103.02	-	-	102.78	27.37	33.21	6.08	306	64	A	V
		2492.16	54.47	-19.53	74	53.92	27.5	33.17	6.22	306	64	P	V
		2490.6	43.65	-10.35	54	43.11	27.5	33.18	6.22	306	64	A	V
802.11b CH 11 2462MHz	*	2462	104.4	-	-	104.04	27.41	33.2	6.15	237	43	P	H
	*	2462	101.43	-	-	101.07	27.41	33.2	6.15	237	43	A	H
		2490.8	55.61	-18.39	74	55.07	27.5	33.18	6.22	237	43	P	H
		2487.68	45.72	-8.28	54	45.18	27.5	33.18	6.22	237	43	A	H
													H
													H
	*	2462	105.63	-	-	105.27	27.41	33.2	6.15	333	67	P	V
	*	2462	102.67	-	-	102.31	27.41	33.2	6.15	333	67	A	V
		2487.52	56.71	-17.29	74	56.17	27.5	33.18	6.22	333	67	P	V
		2487.76	46.22	-7.78	54	45.68	27.5	33.18	6.22	333	67	A	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



15C 2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 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)
802.11b CH 01 2412MHz		4824	38.47	-35.53	74	60.11	31.46	60.61	7.51	100	0	P	H
													H
													H
													H
		4824	37.77	-36.23	74	59.41	31.46	60.61	7.51	100	0	P	V
													V
													V
													V
802.11b CH 06 2437MHz		4872	37.31	-36.69	74	58.73	31.56	60.52	7.54	100	0	P	H
		7308	42.63	-31.37	74	56.12	36.18	60.93	11.26	100	0	P	H
													H
													H
		4872	38.41	-35.59	74	59.83	31.56	60.52	7.54	100	0	P	V
		7308	42.52	-31.48	74	56.01	36.18	60.93	11.26	100	0	P	V
													V
													V
802.11b CH 11 2462MHz		4926	39.77	-34.23	74	60.93	31.66	60.42	7.6	100	0	P	H
		7386	43.9	-30.1	74	57.04	36.37	61.19	11.68	100	0	P	H
													H
													H
		4926	38.99	-35.01	74	60.15	31.66	60.42	7.6	100	0	P	V
		7386	44.07	-29.93	74	57.21	36.37	61.19	11.68	100	0	P	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



15C 2.4GHz 2400~2483.5MHz

WIFI 802.11g (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 CH 01 2412MHz		2389.92	58.87	-15.13	74	58.84	27.23	33.22	6.02	353	201	P	H
		2390	45.38	-8.62	54	45.35	27.23	33.22	6.02	353	201	A	H
	*	2413	103.21	-	-	103.07	27.28	33.22	6.08	353	201	P	H
	*	2413	95.86	-	-	95.72	27.28	33.22	6.08	353	201	A	H
													H
													H
		2389.38	60.07	-13.93	74	60.06	27.23	33.24	6.02	343	91	P	V
		2390	46.02	-7.98	54	45.99	27.23	33.22	6.02	343	91	A	V
	*	2414	106.44	-	-	106.3	27.28	33.22	6.08	343	91	P	V
	*	2414	98.96	-	-	98.82	27.28	33.22	6.08	343	91	A	V
													V
													V
802.11g CH 06 2437MHz		2358.96	54.19	-19.81	74	54.32	27.14	33.25	5.98	117	132	P	H
		2389.92	42.92	-11.08	54	42.89	27.23	33.22	6.02	117	132	A	H
	*	2439	106.09	-	-	105.85	27.37	33.21	6.08	117	132	P	H
	*	2439	98.59	-	-	98.35	27.37	33.21	6.08	117	132	A	H
		2484.2	55.22	-18.78	74	54.72	27.46	33.18	6.22	117	132	P	H
		2483.72	43.88	-10.12	54	43.38	27.46	33.18	6.22	117	132	A	H
		2375.79	54.42	-19.58	74	54.45	27.19	33.24	6.02	304	71	P	V
		2389.65	43.05	-10.95	54	43.04	27.23	33.24	6.02	304	71	A	V
	*	2439	107.66	-	-	107.42	27.37	33.21	6.08	304	71	P	V
	*	2439	100.32	-	-	100.08	27.37	33.21	6.08	304	71	A	V
		2486.44	54.5	-19.5	74	54	27.46	33.18	6.22	304	71	P	V
		2483.52	43.93	-10.07	54	43.43	27.46	33.18	6.22	304	71	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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 CH 11 2462MHz	*	2460	104.9	-	-	104.54	27.41	33.2	6.15	144	138	P	H
	*	2460	97.69	-	-	97.33	27.41	33.2	6.15	144	138	A	H
		2485.24	57.04	-16.96	74	56.54	27.46	33.18	6.22	144	138	P	H
		2483.52	46.83	-7.17	54	46.33	27.46	33.18	6.22	144	138	A	H
													H
													H
	*	2460	106.58	-	-	106.22	27.41	33.2	6.15	338	107	P	V
	*	2460	99.13	-	-	98.77	27.41	33.2	6.15	338	107	A	V
		2483.64	57.82	-16.18	74	57.32	27.46	33.18	6.22	338	107	P	V
		2483.52	46.9	-7.1	54	46.4	27.46	33.18	6.22	338	107	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15C 2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 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 CH 01 2412MHz		4824	37.47	-36.53	74	59.11	31.46	60.61	7.51	100	0	P	H
													H
													H
													H
		4824	37.64	-36.36	74	59.28	31.46	60.61	7.51	100	0	P	V
													V
													V
													V
802.11g CH 06 2437MHz		4872	38.43	-35.57	74	59.85	31.56	60.52	7.54	100	0	P	H
		7308	42.51	-31.49	74	56	36.18	60.93	11.26	100	0	P	H
													H
													H
		4872	38.03	-35.97	74	59.45	31.56	60.52	7.54	100	0	P	V
		7308	43.65	-30.35	74	57.14	36.18	60.93	11.26	100	0	P	V
													V
													V
802.11g CH 11 2462MHz		4926	39.49	-34.51	74	60.65	31.66	60.42	7.6	100	0	P	H
		7386	44.14	-29.86	74	57.28	36.37	61.19	11.68	100	0	P	H
													H
													H
		4926	38.69	-35.31	74	59.85	31.66	60.42	7.6	100	0	P	V
		7386	43.95	-30.05	74	57.09	36.37	61.19	11.68	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15C 2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (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)
802.11n HT20 CH 01 2412MHz		2389.92	64.65	-9.35	74	64.62	27.23	33.22	6.02	248	44	P	H
		2390	47.68	-6.32	54	47.65	27.23	33.22	6.02	248	44	A	H
	*	2410	104.04	-	-	103.9	27.28	33.22	6.08	248	44	P	H
	*	2410	96.28	-	-	96.14	27.28	33.22	6.08	248	44	A	H
													H
													H
		2389.83	63.88	-10.12	74	63.85	27.23	33.22	6.02	342	93	P	V
		2390	47.79	-6.21	54	47.76	27.23	33.22	6.02	342	93	A	V
	*	2412	106.52	-	-	106.38	27.28	33.22	6.08	342	93	P	V
	*	2412	99.03	-	-	98.89	27.28	33.22	6.08	342	93	A	V
													V
													V
802.11n HT20 CH 06 2437MHz		2389.2	54.6	-19.4	74	54.59	27.23	33.24	6.02	246	43	P	H
		2389.56	43.05	-10.95	54	43.04	27.23	33.24	6.02	246	43	A	H
	*	2439	105.68	-	-	105.44	27.37	33.21	6.08	246	43	P	H
	*	2439	98.25	-	-	98.01	27.37	33.21	6.08	246	43	A	H
		2484.6	54.78	-19.22	74	54.28	27.46	33.18	6.22	246	43	P	H
		2483.96	43.79	-10.21	54	43.29	27.46	33.18	6.22	246	43	A	H
		2384.88	53.51	-20.49	74	53.54	27.19	33.24	6.02	335	108	P	V
		2356.8	42.89	-11.11	54	43.02	27.14	33.25	5.98	335	108	A	V
	*	2439	107.61	-	-	107.37	27.37	33.21	6.08	335	108	P	V
	*	2439	100.19	-	-	99.95	27.37	33.21	6.08	335	108	A	V
		2489.2	54.92	-19.08	74	54.38	27.5	33.18	6.22	335	108	P	V
		2484.56	44.15	-9.85	54	43.65	27.46	33.18	6.22	335	108	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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)
802.11n HT20 CH 11 2462MHz	*	2460	104.13	-	-	103.77	27.41	33.2	6.15	145	143	P	H
	*	2460	96.69	-	-	96.33	27.41	33.2	6.15	145	143	A	H
		2484.12	59.59	-14.41	74	59.09	27.46	33.18	6.22	145	143	P	H
		2483.52	46.94	-7.06	54	46.44	27.46	33.18	6.22	145	143	A	H
													H
													H
	*	2460	105.76	-	-	105.4	27.41	33.2	6.15	333	65	P	V
	*	2460	98.29	-	-	97.93	27.41	33.2	6.15	333	65	A	V
		2483.76	61.58	-12.42	74	61.08	27.46	33.18	6.22	333	65	P	V
		2483.52	48.44	-5.56	54	47.94	27.46	33.18	6.22	333	65	A	V
													V
													V
Remark 1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



15C 2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Harmonic @ 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)
802.11n HT20 CH 01 2412MHz		4824	37.92	-36.08	74	59.56	31.46	60.61	7.51	100	0	P	H
													H
													H
													H
		4824	38.16	-35.84	74	59.8	31.46	60.61	7.51	100	0	P	V
													V
													V
													V
802.11n HT20 CH 06 2437MHz		4872	38.14	-35.86	74	59.56	31.56	60.52	7.54	100	0	P	H
		7308	42.39	-31.61	74	55.88	36.18	60.93	11.26	100	0	P	H
													H
													H
		4872	37.19	-36.81	74	58.61	31.56	60.52	7.54	100	0	P	V
		7308	43.18	-30.82	74	56.67	36.18	60.93	11.26	100	0	P	V
													V
													V
802.11n HT20 CH 11 2462MHz		4926	38.53	-35.47	74	59.69	31.66	60.42	7.6	100	0	P	H
		7386	43.74	-30.26	74	56.88	36.37	61.19	11.68	100	0	P	H
													H
													H
		4926	39.12	-34.88	74	60.28	31.66	60.42	7.6	100	0	P	V
		7386	43.92	-30.08	74	57.06	36.37	61.19	11.68	100	0	P	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



15C 2.4GHz 2400~2483.5MHz

WIFI 802.11n HT40 (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)
802.11n HT40 CH 03 2422MHz		2388.93	62.53	-11.47	74	62.52	27.23	33.24	6.02	244	44	P	H
		2390	49.98	-4.02	54	49.95	27.23	33.22	6.02	244	44	A	H
	*	2424	101.19	-	-	101	27.32	33.21	6.08	244	44	P	H
	*	2424	93.79	-	-	93.6	27.32	33.21	6.08	244	44	A	H
													H
													H
		2388.66	63.23	-10.77	74	63.22	27.23	33.24	6.02	343	90	P	V
		2390	50.84	-3.16	54	50.81	27.23	33.22	6.02	343	90	A	V
	*	2424	103.67	-	-	103.48	27.32	33.21	6.08	343	90	P	V
	*	2424	96.17	-	-	95.98	27.32	33.21	6.08	343	90	A	V
													V
													V
802.11n HT40 CH 06 2437MHz		2388.39	59.28	-14.72	74	59.27	27.23	33.24	6.02	150	169	P	H
		2390	46.59	-7.41	54	46.56	27.23	33.22	6.02	150	169	A	H
	*	2439	101.96	-	-	101.72	27.37	33.21	6.08	150	169	P	H
	*	2439	94.5	-	-	94.26	27.37	33.21	6.08	150	169	A	H
		2483.64	58.14	-15.86	74	57.64	27.46	33.18	6.22	150	169	P	H
		2483.52	46.6	-7.4	54	46.1	27.46	33.18	6.22	150	169	A	H
		2389.74	58.75	-15.25	74	58.74	27.23	33.24	6.02	372	74	P	V
		2390	45.3	-8.7	54	45.27	27.23	33.22	6.02	372	74	A	V
	*	2439	103.67	-	-	103.43	27.37	33.21	6.08	372	74	P	V
	*	2439	96.31	-	-	96.07	27.37	33.21	6.08	372	74	A	V
		2483.56	58.48	-15.52	74	57.98	27.46	33.18	6.22	372	74	P	V
		2483.56	46.55	-7.45	54	46.05	27.46	33.18	6.22	372	74	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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)
802.11n HT40 CH 09 2452MHz		2330.61	53.45	-20.55	74	53.68	27.05	33.26	5.98	142	170	P	H
		2389.83	43.26	-10.74	54	43.23	27.23	33.22	6.02	142	170	A	H
	*	2454	101.59	-	-	101.23	27.41	33.2	6.15	142	170	P	H
	*	2454	94.2	-	-	93.84	27.41	33.2	6.15	142	170	A	H
		2485.6	62.09	-11.91	74	61.59	27.46	33.18	6.22	142	170	P	H
		2483.52	48.22	-5.78	54	47.72	27.46	33.18	6.22	142	170	A	H
		2341.68	53.64	-20.36	74	53.81	27.1	33.25	5.98	305	64	P	V
		2389.56	43.53	-10.47	54	43.52	27.23	33.24	6.02	305	64	A	V
	*	2450	103.4	-	-	103.08	27.37	33.2	6.15	305	64	P	V
	*	2450	95.69	-	-	95.37	27.37	33.2	6.15	305	64	A	V
		2484.92	63.26	-10.74	74	62.76	27.46	33.18	6.22	305	64	P	V
		2483.52	49.29	-4.71	54	48.79	27.46	33.18	6.22	305	64	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15C 2.4GHz 2400~2483.5MHz

WIFI 802.11n HT40 (Harmonic @ 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)
802.11n HT40 CH 03 2422MHz		4842	37.68	-36.32	74	59.23	31.49	60.58	7.54	100	0	P	H
		7266	42.88	-31.12	74	56.56	36.11	60.83	11.04	100	0	P	H
													H
													H
		4842	38.04	-35.96	74	59.59	31.49	60.58	7.54	100	0	P	V
		7266	44.31	-29.69	74	57.99	36.11	60.83	11.04	100	0	P	V
													V
													V
802.11n HT40 CH 06 2437MHz		4872	38.37	-35.63	74	59.79	31.56	60.52	7.54	100	0	P	H
		7308	44.89	-29.11	74	58.38	36.18	60.93	11.26	100	0	P	H
													H
													H
		4872	38.7	-35.3	74	60.12	31.56	60.52	7.54	100	0	P	V
		7308	43.17	-30.83	74	56.66	36.18	60.93	11.26	100	0	P	V
													V
													V
802.11n HT40 CH 09 2452MHz		4902	38.42	-35.58	74	59.68	31.63	60.46	7.57	100	0	P	H
		7356	43.3	-30.7	74	56.62	36.3	61.09	11.47	100	0	P	H
													H
													H
		4902	38.09	-35.91	74	59.35	31.63	60.46	7.57	100	0	P	V
		7356	43.48	-30.52	74	56.8	36.3	61.09	11.47	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15C 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		31.62	26.54	-13.46	40	39.71	18.92	32.82	0.73	-	-	P	H
		141.24	26.11	-17.39	43.5	45.47	11.85	32.67	1.46	-	-	P	H
		278.13	36.56	-9.44	46	54.03	13.34	32.73	1.92	-	-	P	H
		396.6	35.08	-10.92	46	49.23	16.42	32.84	2.27	-	-	P	H
		895.7	37.02	-8.98	46	42.77	23.13	32.33	3.45	-	-	P	H
		921.6	38.01	-7.99	46	42.96	23.67	32.07	3.45	100	0	P	H
													H
													H
													H
													H
													H
													H
		31.89	32.8	-7.2	40	45.97	18.92	32.82	0.73	-	-	P	V
		149.34	26.93	-16.57	43.5	46.52	11.63	32.68	1.46	-	-	P	V
		280.02	34.12	-11.88	46	51.63	13.3	32.73	1.92	-	-	P	V
		398	34.77	-11.23	46	48.89	16.45	32.84	2.27	-	-	P	V
		902.7	39.17	-6.83	46	44.74	23.26	32.28	3.45	100	0	P	V
		975.5	39.7	-14.3	54	43.15	24.2	31.49	3.84	-	-	P	V
													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 per 15.209(c).
!	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+2		(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”.