



Appendix A. Radiated Spurious Emission

Test Engineer :	Citta Ke, Kyle Jhuang and Karl Hou	Temperature :	25~26°C
		Relative Humidity :	50~51%

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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2388.66	73.85	-0.15	74	70.11	32.77	4.62	33.65	100	84	P	H
		2390	44.99	-9.01	54	41.25	32.77	4.62	33.65	100	84	A	H
	*	2413.611	110.15	-	-	106.32	32.81	4.65	33.63	100	84	P	H
	*	2414	104.84	-	-	101.01	32.81	4.65	33.63	100	84	A	H
													H
													H
		2389.56	66.98	-7.02	74	63.24	32.77	4.62	33.65	100	54	P	V
		2381.28	42.6	-11.4	54	38.91	32.73	4.62	33.66	100	54	A	V
	*	2410.604	102.97	-	-	99.14	32.81	4.65	33.63	100	54	P	V
	*	2410	98.51	-	-	94.68	32.81	4.65	33.63	100	54	A	V
													V
													V
802.11b CH 06 2437MHz		2389.74	61.13	-12.87	74	57.39	32.77	4.62	33.65	100	78	P	H
		2381.91	42.35	-11.65	54	38.66	32.73	4.62	33.66	100	78	A	H
	*	2438.493	107.77	-	-	103.8	32.89	4.68	33.6	100	78	P	H
	*	2436.239	102.65	-	-	98.74	32.85	4.68	33.62	100	78	A	H
		2489.16	61.35	-12.65	74	57.18	33	4.73	33.56	100	78	P	H
		2496.24	43.72	-10.28	54	39.55	33	4.73	33.56	100	78	A	H
		2389.65	55.65	-18.35	74	51.91	32.77	4.62	33.65	100	54	P	V
		2382.45	41.88	-12.12	54	38.19	32.73	4.62	33.66	100	54	A	V
	*	2435.488	101.94	-	-	98.03	32.85	4.68	33.62	100	54	P	V
	*	2436.239	96.93	-	-	93.02	32.85	4.68	33.62	100	54	A	V
		2488.96	57.05	-16.95	74	52.88	33	4.73	33.56	100	54	P	V
		2485.04	42.44	-11.56	54	38.32	32.96	4.73	33.57	100	54	A	V



802.11b CH 11 2462MHz	*	2463.627	112.45	-	-	108.42	32.92	4.7	33.59	100	84	P	H
	*	2461.289	107.45	-	-	103.42	32.92	4.7	33.59	100	84	A	H
		2484.88	73.25	-0.75	74	69.13	32.96	4.73	33.57	100	84	P	H
		2483.6	46.82	-7.18	54	42.7	32.96	4.73	33.57	100	84	A	H
													H
													H
	*	2463.543	105.24	-	-	101.21	32.92	4.7	33.59	100	337	P	V
	*	2464	100.71	-	-	96.68	32.92	4.7	33.59	100	337	A	V
		2484.44	64.57	-9.43	74	60.45	32.96	4.73	33.57	100	337	P	V
		2499.96	43.55	-10.45	54	39.38	33	4.73	33.56	100	337	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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		4824	47.69	-26.31	74	64.73	35.03	6.54	58.61	100	0	P	H
													H
													H
													H
		4824	51.69	-22.31	74	68.73	35.03	6.54	58.61	100	0	P	V
													V
													V
													V
802.11b CH 06 2437MHz		4875	54.44	-19.56	74	71.38	35.02	6.56	58.52	100	37	P	H
		4875	53.49	-0.51	54	70.43	35.02	6.56	58.52	100	37	A	H
		7311	46.51	-27.49	74	60.04	36.39	8.24	58.16	100	0	P	H
													H
		4875	48.1	-25.9	74	65.04	35.02	6.56	58.52	100	0	P	V
		7311	46.42	-27.58	74	59.95	36.39	8.24	58.16	100	0	P	V
													V
													V
802.11b CH 11 2462MHz		4926	50.79	-23.21	74	67.6	35.01	6.6	58.42	100	0	P	H
		7386	54.25	-19.75	74	67.81	36.44	8.31	58.31	110	336	P	H
		7386	49.77	-4.23	54	63.33	36.44	8.31	58.31	110	336	A	H
													H
		4926	55.1	-18.9	74	71.91	35.01	6.6	58.42	100	150	P	V
		4926	53.47	-0.53	54	70.28	35.01	6.6	58.42	100	150	A	V
		7389	44.52	-29.48	74	58.08	36.44	8.31	58.31	100	0	P	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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11g CH 01 2412MHz		2389.29	72.8	-1.2	74	69.06	32.77	4.62	33.65	100	83	P	H
		2390	53.84	-0.16	54	50.1	32.77	4.62	33.65	100	83	A	H
	*	2414	113.79	-	-	109.96	32.81	4.65	33.63	100	83	P	H
	*	2414	104.02	-	-	100.19	32.81	4.65	33.63	100	83	A	H
													H
													H
		2390	57.24	-16.76	74	53.5	32.77	4.62	33.65	100	83	P	V
		2390	43.27	-10.73	54	39.53	32.77	4.62	33.65	100	83	A	V
	*	2414	96.76	-	-	92.93	32.81	4.65	33.63	100	83	P	V
	*	2414	86.23	-	-	82.4	32.81	4.65	33.63	100	83	A	V
													V
													V
802.11g CH 06 2437MHz		2363.19	56.48	-17.52	74	52.86	32.7	4.6	33.68	100	79	P	H
		2382.36	43.74	-10.26	54	40.05	32.73	4.62	33.66	100	79	A	H
	*	2439	111.8	-	-	107.83	32.89	4.68	33.6	100	79	P	H
	*	2438.076	101.86	-	-	97.89	32.89	4.68	33.6	100	79	A	H
		2498.88	59.67	-14.33	74	55.5	33	4.73	33.56	100	79	P	H
		2497.84	46.47	-7.53	54	42.3	33	4.73	33.56	100	79	A	H
		2363.91	55.75	-18.25	74	52.13	32.7	4.6	33.68	100	30	P	V
		2336.91	42.37	-11.63	54	38.83	32.66	4.57	33.69	100	30	A	V
	*	2435.989	103.86	-	-	99.95	32.85	4.68	33.62	100	30	P	V
	*	2435.989	93.37	-	-	89.46	32.85	4.68	33.62	100	30	A	V
		2489.96	55.35	-18.65	74	51.18	33	4.73	33.56	100	30	P	V
		2491.24	43	-11	54	38.83	33	4.73	33.56	100	30	A	V



802.11g CH 11 2462MHz	*	2460	114.61	-	-	110.58	32.92	4.7	33.59	100	81	P	H
	*	2464	104.36	-	-	100.33	32.92	4.7	33.59	100	81	A	H
		2483.6	70.1	-3.9	74	65.98	32.96	4.73	33.57	100	81	P	H
		2483.52	53.52	-0.48	54	49.4	32.96	4.73	33.57	100	81	A	H
													H
													H
	*	2460	106.76	-	-	102.73	32.92	4.7	33.59	100	339	P	V
	*	2460	96.76	-	-	92.73	32.92	4.7	33.59	100	339	A	V
		2483.76	62.65	-11.35	74	58.53	32.96	4.73	33.57	100	339	P	V
		2483.52	46.71	-7.29	54	42.59	32.96	4.73	33.57	100	339	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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11g CH 01 2412MHz		4824	51.2	-22.8	74	68.24	35.03	6.54	58.61	100	0	P	H
													H
													H
													H
		4824	54.27	-19.73	74	71.31	35.03	6.54	58.61	100	7	P	V
		4824	44	-10	54	61.04	35.03	6.54	58.61	100	7	A	V
													V
													V
802.11g CH 06 2437MHz		4876	53.21	-20.79	74	70.13	35.02	6.58	58.52	100	0	P	H
		7313	66.12	-7.88	74	79.65	36.39	8.24	58.16	109	51	P	H
		7313	53.08	-0.92	54	66.61	36.39	8.24	58.16	109	51	A	H
													H
		4872	57.83	-16.17	74	74.77	35.02	6.56	58.52	100	8	P	V
		4872	46.58	-7.42	54	63.52	35.02	6.56	58.52	100	8	A	V
		7313	64.86	-9.14	74	78.39	36.39	8.24	58.16	101	308	P	V
		7313	50.7	-3.3	54	64.23	36.39	8.24	58.16	101	308	A	V
802.11g CH 11 2462MHz		4923	55.37	-18.63	74	72.19	35.01	6.59	58.42	144	60	P	H
		4923	47.53	-6.47	54	64.35	35.01	6.59	58.42	144	60	A	H
		7384	62.09	-11.91	74	75.65	36.44	8.31	58.31	110	336	P	H
		7384	50.17	-3.83	54	63.73	36.44	8.31	58.31	110	336	A	H
		4922	56.34	-17.66	74	73.16	35.01	6.59	58.42	100	140	P	V
		4922	44.31	-9.69	54	61.13	35.01	6.59	58.42	100	140	A	V
		7384	59.5	-14.5	74	73.06	36.44	8.31	58.31	109	304	P	V
		7384	47.61	-6.39	54	61.17	36.44	8.31	58.31	109	304	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 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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 01 2412MHz		2388.48	72.72	-1.28	74	68.98	32.77	4.62	33.65	100	45	P	H
		2390	52.81	-1.19	54	49.07	32.77	4.62	33.65	100	45	A	H
	*	2410	113.1	-	-	109.27	32.81	4.65	33.63	100	45	P	H
	*	2410	102.83	-	-	99	32.81	4.65	33.63	100	45	A	H
													H
													H
		2389.29	71.72	-2.28	74	67.98	32.77	4.62	33.65	100	64	P	V
		2389.74	51.81	-2.19	54	48.07	32.77	4.62	33.65	100	64	A	V
	*	2410	108.93	-	-	105.1	32.81	4.65	33.63	100	64	P	V
	*	2410	98.97	-	-	95.14	32.81	4.65	33.63	100	64	A	V
													V
													V
802.11n HT20 CH 06 2437MHz		2373.54	60.23	-13.77	74	56.56	32.73	4.6	33.66	100	47	P	H
		2374.17	47.48	-6.52	54	43.81	32.73	4.6	33.66	100	47	A	H
	*	2435.488	117.29	-	-	113.38	32.85	4.68	33.62	100	47	P	H
	*	2435.571	106.98	-	-	103.07	32.85	4.68	33.62	100	47	A	H
		2489.48	60	-14	74	55.83	33	4.73	33.56	100	47	P	H
		2496.76	46.93	-7.07	54	42.76	33	4.73	33.56	100	47	A	H
		2375.52	59.06	-14.94	74	55.39	32.73	4.6	33.66	100	64	P	V
		2384.34	45.54	-8.46	54	41.85	32.73	4.62	33.66	100	64	A	V
	*	2435	109.7	-	-	105.79	32.85	4.68	33.62	100	64	P	V
	*	2435	99.47	-	-	95.56	32.85	4.68	33.62	100	64	A	V
		2487.44	56.71	-17.29	74	52.59	32.96	4.73	33.57	100	64	P	V
		2488.2	43.74	-10.26	54	39.57	33	4.73	33.56	100	64	A	V



802.11n HT20 CH 11 2462MHz	*	2464	113.84	-	-	109.81	32.92	4.7	33.59	100	44	P	H
	*	2464	103.67	-	-	99.64	32.92	4.7	33.59	100	44	A	H
		2485.04	72.16	-1.84	74	68.04	32.96	4.73	33.57	100	44	P	H
		2483.68	52.87	-1.13	54	48.75	32.96	4.73	33.57	100	44	A	H
													H
													H
	*	2460	105.61	-	-	101.58	32.92	4.7	33.59	100	65	P	V
	*	2460	95.24	-	-	91.21	32.92	4.7	33.59	100	65	A	V
		2484.24	64.07	-9.93	74	59.95	32.96	4.73	33.57	100	65	P	V
		2483.68	46.75	-7.25	54	42.63	32.96	4.73	33.57	100	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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 01 2412MHz		4822	54.76	-19.24	74	71.8	35.03	6.54	58.61	100	354	P	H
		4822	40.73	-13.27	54	57.77	35.03	6.54	58.61	100	354	A	H
													H
													H
		4826	56.81	-17.19	74	73.85	35.03	6.54	58.61	100	130	P	V
		4826	44.12	-9.88	54	61.16	35.03	6.54	58.61	100	130	A	V
													V
													V
802.11n HT20 CH 06 2437MHz		4872	53.86	-20.14	74	70.8	35.02	6.56	58.52	100	0	P	H
		7313	66.34	-7.66	74	79.87	36.39	8.24	58.16	119	54	P	H
		7313	53.77	-0.23	54	67.3	36.39	8.24	58.16	119	54	A	H
													H
		4872	57.88	-16.12	74	74.82	35.02	6.56	58.52	100	25	P	V
		4872	45.29	-8.71	54	62.23	35.02	6.56	58.52	100	25	A	V
		7313	63.58	-10.42	74	77.11	36.39	8.24	58.16	100	69	P	V
		7313	53.28	-0.72	54	66.81	36.39	8.24	58.16	100	69	A	V
802.11n HT20 CH 11 2462MHz		4924	52.01	-21.99	74	68.82	35.01	6.6	58.42	100	52	P	H
		4924	40.41	-13.59	54	57.22	35.01	6.6	58.42	100	52	A	H
		7386	59.06	-14.94	74	72.62	36.44	8.31	58.31	100	77	P	H
		7386	48.32	-5.68	54	61.88	36.44	8.31	58.31	100	77	A	H
		4924	55.12	-18.88	74	71.93	35.01	6.6	58.42	100	55	P	V
		4924	44.33	-9.67	54	61.14	35.01	6.6	58.42	100	55	A	V
		7386	56.5	-17.5	74	70.06	36.44	8.31	58.31	100	80	P	V
		7386	45.88	-8.12	54	59.44	36.44	8.31	58.31	100	80	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 (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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 03 2422MHz		2386.41	71.19	-2.81	74	67.45	32.77	4.62	33.65	100	45	P	H
		2389.56	53.77	-0.23	54	50.03	32.77	4.62	33.65	100	45	A	H
	*	2424	108.49	-	-	104.61	32.85	4.65	33.62	100	45	P	H
	*	2424	98.9	-	-	95.02	32.85	4.65	33.62	100	45	A	H
		2497.88	57.66	-16.34	74	53.49	33	4.73	33.56	100	45	P	H
		2497	45.76	-8.24	54	41.59	33	4.73	33.56	100	45	A	H
		2387.58	70.22	-3.78	74	66.48	32.77	4.62	33.65	100	66	P	V
		2389.65	51.67	-2.33	54	47.93	32.77	4.62	33.65	100	66	A	V
	*	2420	103.28	-	-	99.4	32.85	4.65	33.62	100	66	P	V
	*	2420	93.57	-	-	89.69	32.85	4.65	33.62	100	66	A	V
		2497.52	55.24	-18.76	74	51.07	33	4.73	33.56	100	66	P	V
		2483.88	43.29	-10.71	54	39.17	32.96	4.73	33.57	100	66	A	V
802.11n HT40 CH 06 2437MHz		2389.74	68.8	-5.2	74	65.06	32.77	4.62	33.65	100	44	P	H
		2389.56	52.8	-1.2	54	49.06	32.77	4.62	33.65	100	44	A	H
	*	2435	111.98	-	-	108.07	32.85	4.68	33.62	100	44	P	H
	*	2435	102.25	-	-	98.34	32.85	4.68	33.62	100	44	A	H
		2486.08	67.49	-6.51	74	63.37	32.96	4.73	33.57	100	44	P	H
		2483.64	53.44	-0.56	54	49.32	32.96	4.73	33.57	100	44	A	H
		2389.47	66.92	-7.08	74	63.18	32.77	4.62	33.65	100	67	P	V
		2389.74	50.47	-3.53	54	46.73	32.77	4.62	33.65	100	67	A	V
	*	2435	104.9	-	-	100.99	32.85	4.68	33.62	100	67	P	V
	*	2435	95.18	-	-	91.27	32.85	4.68	33.62	100	67	A	V
		2484.48	60.7	-13.3	74	56.58	32.96	4.73	33.57	100	67	P	V
		2483.52	46.13	-7.87	54	42.01	32.96	4.73	33.57	100	67	A	V



802.11n HT40 CH 09 2452MHz		2387.76	56.27	-17.73	74	52.53	32.77	4.62	33.65	100	43	P	H
		2389.56	44.74	-9.26	54	41	32.77	4.62	33.65	100	43	A	H
	*	2452	108.64	-	-	104.67	32.89	4.68	33.6	100	43	P	H
	*	2454	99.18	-	-	95.15	32.92	4.7	33.59	100	43	A	H
		2483.68	70.23	-3.77	74	66.11	32.96	4.73	33.57	100	43	P	H
		2483.8	53.22	-0.78	54	49.1	32.96	4.73	33.57	100	43	A	H
		2376.24	56.32	-17.68	74	52.65	32.73	4.6	33.66	100	66	P	V
		2378.04	44.17	-9.83	54	40.5	32.73	4.6	33.66	100	66	A	V
	*	2450	100.51	-	-	96.54	32.89	4.68	33.6	100	66	P	V
	*	2450	90.51	-	-	86.54	32.89	4.68	33.6	100	66	A	V
		2484.76	60.17	-13.83	74	56.05	32.96	4.73	33.57	100	66	P	V
		2486.44	46.22	-7.78	54	42.1	32.96	4.73	33.57	100	66	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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 03 2422MHz		4844	43.24	-30.76	74	60.24	35.03	6.55	58.58	100	0	P	H
		7266	49.66	-24.34	74	63.19	36.37	8.2	58.1	100	0	P	H
													H
													H
		4844	48.06	-25.94	74	65.06	35.03	6.55	58.58	100	0	P	V
		7266	46.73	-27.27	74	60.26	36.37	8.2	58.1	100	0	P	V
													V
													V
802.11n HT40 CH 06 2437MHz		4874	46.94	-27.06	74	63.88	35.02	6.56	58.52	100	0	P	H
		7311	56.31	-17.69	74	69.84	36.39	8.24	58.16	117	53	P	H
		7311	44.72	-9.28	54	58.25	36.39	8.24	58.16	117	53	A	H
													H
		4874	53.11	-20.89	74	70.05	35.02	6.56	58.52	100	0	P	V
		7311	53.54	-20.46	74	67.07	36.39	8.24	58.16	100	0	P	V
													V
													V
802.11n HT40 CH 09 2452MHz		4904	42.37	-31.63	74	59.22	35.02	6.59	58.46	100	0	P	H
		7356	47.69	-26.31	74	61.23	36.42	8.29	58.25	100	0	P	H
													H
													H
		4904	48.07	-25.93	74	64.92	35.02	6.59	58.46	100	0	P	V
		7356	46.37	-27.63	74	59.91	36.42	8.29	58.25	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

15C Emission below 1GHz

2.4GHz WIFI 802.11b (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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11b LF		101.82	34.45	-9.05	43.5	54.64	10.48	1.11	31.78	125	0	P	H
		119.91	29.93	-13.57	43.5	49.03	11.5	1.18	31.78			P	H
		151.5	33.52	-9.98	43.5	53.23	10.8	1.27	31.78			P	H
		359.5	36.76	-9.24	46	52.02	14.6	1.92	31.78			P	H
		600.3	32.18	-13.82	46	42.08	19.7	2.44	32.04			P	H
		659.8	33.71	-12.29	46	42.87	20.3	2.58	32.04			P	H
													H
													H
													H
													H
													H
													H
		79.68	31.58	-8.42	40	55.35	7.05	0.97	31.79			P	V
		119.91	31.91	-11.59	43.5	51.01	11.5	1.18	31.78			P	V
		204.42	25.22	-18.28	43.5	46.36	9.15	1.49	31.78			P	V
		479.9	33.24	-12.76	46	45.22	17.7	2.19	31.87			P	V
		600.3	38.5	-7.5	46	48.4	19.7	2.44	32.04	126	39	P	V
		813.1	32.32	-13.68	46	38.94	22.39	2.85	31.86			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 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”.