



Appendix B. Radiated Spurious Emission

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		2385.33	56.26	-17.74	74	57.33	26.96	6.01	34.04	100	39	P	H
		2386.23	48.81	-5.19	54	49.83	27.01	6.01	34.04	100	39	A	H
	*	2412.024	105.05	-	-	105.99	27.06	6.04	34.04	100	39	P	H
	*	2411.105	101.47	-	-	102.41	27.06	6.04	34.04	100	39	A	H
													H
													H
		2386.05	54.75	-19.25	74	55.77	27.01	6.01	34.04	385	357	P	V
		2386.41	46.79	-7.21	54	47.81	27.01	6.01	34.04	385	357	A	V
	*	2412.024	102.36	-	-	103.3	27.06	6.04	34.04	385	357	P	V
	*	2413.026	99.94	-	-	100.88	27.06	6.04	34.04	385	357	A	V
													V
													V
802.11b CH 06 2437MHz		2379.21	52.62	-21.38	74	53.69	26.96	6.01	34.04	101	25	P	H
		2386.68	42.44	-11.56	54	43.46	27.01	6.01	34.04	101	25	A	H
	*	2436.99	104.05	-	-	104.88	27.16	6.04	34.03	101	25	P	H
	*	2436.072	101.41	-	-	102.29	27.11	6.04	34.03	101	25	A	H
		2497.08	53.8	-20.2	74	54.41	27.3	6.09	34	101	25	P	H
		2487.88	42.66	-11.34	54	43.28	27.3	6.09	34.01	101	25	A	H
		2372.55	52.51	-21.49	74	53.58	26.96	6.01	34.04	377	346	P	V
		2388.84	41.8	-12.2	54	42.82	27.01	6.01	34.04	377	346	A	V
	*	2437.074	102.47	-	-	103.3	27.16	6.04	34.03	377	346	P	V
	*	2437.992	99.91	-	-	100.74	27.16	6.04	34.03	377	346	A	V
		2498.88	52.94	-21.06	74	53.55	27.3	6.09	34	377	346	P	V
		2485.32	41.95	-12.05	54	42.62	27.25	6.09	34.01	377	346	A	V



802.11b CH 11 2462MHz	*	2462.041	105.47	-	-	106.22	27.2	6.07	34.02	158	26	P	H
	*	2461.039	101.96	-	-	102.71	27.2	6.07	34.02	158	26	A	H
		2485.4	57.12	-16.88	74	57.79	27.25	6.09	34.01	158	26	P	H
		2487.76	48.04	-5.96	54	48.66	27.3	6.09	34.01	158	26	A	H
													H
													H
	*	2462.041	102.84	-	-	103.59	27.2	6.07	34.02	370	342	P	V
	*	2461.122	100.31	-	-	101.06	27.2	6.07	34.02	370	342	A	V
		2488.36	54.6	-19.4	74	55.22	27.3	6.09	34.01	370	342	P	V
		2487.68	45.85	-8.15	54	46.47	27.3	6.09	34.01	370	342	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	35.59	-38.41	74	60.89	31.12	8.65	65.07	100	0	P	H
													H
													H
													H
		4824	34.83	-39.17	74	60.13	31.12	8.65	65.07	100	0	P	V
													V
													V
													V
802.11b CH 06 2437MHz		4874	43.98	-30.02	74	35.29	-500	8.69	-500	100	0	P	H
		7311	39.45	-34.55	74	29.06	-500	10.39	-500	100	0	P	H
													H
													H
		4874	40.94	-33.06	74	32.25	-500	8.69	-500	100	0	P	V
		7311	42.5	-31.5	74	32.11	-500	10.39	-500	100	0	P	V
													V
													V
802.11b CH 11 2462MHz		4924	43.89	-30.11	74	68.78	31.29	8.79	64.97	100	0	P	H
		7386	40.39	-33.61	74	58.72	36.27	10.48	65.08	100	0	P	H
													H
													H
		4924	41.94	-32.06	74	66.83	31.29	8.79	64.97	100	0	P	V
		7386	42.01	-31.99	74	60.34	36.27	10.48	65.08	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		2387.94	70.97	-3.03	74	71.99	27.01	6.01	34.04	145	28	P	H
		2389.83	52.9	-1.1	54	53.92	27.01	6.01	34.04	145	28	A	H
	*	2412	106.54	-	-	107.48	27.06	6.04	34.04	145	28	P	H
	*	2411.022	98.82	-	-	99.76	27.06	6.04	34.04	145	28	A	H
													H
													H
		2389.83	69.06	-4.94	74	70.08	27.01	6.01	34.04	383	357	P	V
		2388.12	50.64	-3.36	54	51.66	27.01	6.01	34.04	383	357	A	V
	*	2412.525	105.41	-	-	106.35	27.06	6.04	34.04	383	357	P	V
	*	2412.859	97.14	-	-	98.08	27.06	6.04	34.04	383	357	A	V
													V
													V
802.11g CH 06 2437MHz		2384.16	65.17	-8.83	74	66.24	26.96	6.01	34.04	100	26	P	H
		2389.83	50.14	-3.86	54	51.16	27.01	6.01	34.04	100	26	A	H
	*	2436.239	107.79	-	-	108.67	27.11	6.04	34.03	100	26	P	H
	*	2435.905	100.23	-	-	101.11	27.11	6.04	34.03	100	26	A	H
		2489.96	63.11	-10.89	74	63.73	27.3	6.09	34.01	100	26	P	H
		2484.04	48.39	-5.61	54	49.06	27.25	6.09	34.01	100	26	A	H
		2389.47	59.22	-14.78	74	60.24	27.01	6.01	34.04	379	357	P	V
		2390	46.72	-7.28	54	47.74	27.01	6.01	34.04	379	357	A	V
	*	2435.822	105.97	-	-	106.85	27.11	6.04	34.03	379	357	P	V
	*	2437.992	98.89	-	-	99.72	27.16	6.04	34.03	379	357	A	V
		2486.68	56.8	-17.2	74	57.47	27.25	6.09	34.01	379	357	P	V
		2483.76	44.91	-9.09	54	45.58	27.25	6.09	34.01	379	357	A	V



802.11g CH 11 2462MHz	*	2462.041	107.22	-	-	107.97	27.2	6.07	34.02	162	25	P	H
	*	2460.955	99.37	-	-	100.12	27.2	6.07	34.02	162	25	A	H
		2484.04	71.58	-2.42	74	72.25	27.25	6.09	34.01	162	25	P	H
		2483.6	53.52	-0.48	54	54.19	27.25	6.09	34.01	162	25	A	H
													H
													H
	*	2460.705	104.63	-	-	105.38	27.2	6.07	34.02	369	342	P	V
	*	2461.122	97.41	-	-	98.16	27.2	6.07	34.02	369	342	A	V
		2483.52	68.65	-5.35	74	69.32	27.25	6.09	34.01	369	342	P	V
		2483.52	51.62	-2.38	54	52.29	27.25	6.09	34.01	369	342	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	36.86	-37.14	74	62.16	31.12	8.65	65.07	100	0	P	H
													H
													H
													H
		4824	36.79	-37.21	74	62.09	31.12	8.65	65.07	100	0	P	V
													V
													V
													V
802.11g CH 06 2437MHz		4874	38.78	-35.22	74	63.9	31.21	8.69	65.02	100	0	P	H
		7311	40.33	-33.67	74	58.92	36.08	10.39	65.06	100	0	P	H
													H
													H
		4874	38.37	-35.63	74	63.49	31.21	8.69	65.02	100	0	P	V
		7311	44.38	-29.62	74	62.97	36.08	10.39	65.06	100	0	P	V
													V
													V
802.11g CH 11 2462MHz		4924	39.11	-34.89	74	64	31.29	8.79	64.97	100	0	P	H
		7386	39.52	-34.48	74	57.85	36.27	10.48	65.08	100	0	P	H
													H
													H
		4924	38.96	-35.04	74	63.85	31.29	8.79	64.97	100	0	P	V
		7386	42.05	-31.95	74	60.38	36.27	10.48	65.08	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		2388.39	71.23	-2.77	74	72.25	27.01	6.01	34.04	118	26	P	H
		2388.93	53.3	-0.7	54	54.32	27.01	6.01	34.04	118	26	A	H
	*	2411.272	106.18	-	-	107.12	27.06	6.04	34.04	118	26	P	H
	*	2411.105	98.4	-	-	99.34	27.06	6.04	34.04	118	26	A	H
													H
													H
		2389.74	55.54	-18.46	74	56.56	27.01	6.01	34.04	389	98	P	V
		2389.29	43.97	-10.03	54	44.99	27.01	6.01	34.04	389	98	A	V
	*	2411.523	93.92	-	-	94.86	27.06	6.04	34.04	389	98	P	V
	*	2411.022	85.52	-	-	86.46	27.06	6.04	34.04	389	98	A	V
													V
													V
802.11n HT20 CH 06 2437MHz		2384.43	64.3	-9.7	74	65.37	26.96	6.01	34.04	103	116	P	H
		2389.02	51.35	-2.65	54	52.37	27.01	6.01	34.04	103	116	A	H
	*	2438.577	107.49	-	-	108.32	27.16	6.04	34.03	103	116	P	H
	*	2437.909	100.29	-	-	101.12	27.16	6.04	34.03	103	116	A	H
		2485.04	63.78	-10.22	74	64.45	27.25	6.09	34.01	103	116	P	H
		2484.04	50.07	-3.93	54	50.74	27.25	6.09	34.01	103	116	A	H
		2389.2	60.95	-13.05	74	61.97	27.01	6.01	34.04	343	331	P	V
		2389.2	48.1	-5.9	54	49.12	27.01	6.01	34.04	343	331	A	V
	*	2436.323	105.36	-	-	106.24	27.11	6.04	34.03	343	331	P	V
	*	2436.156	97.92	-	-	98.8	27.11	6.04	34.03	343	331	A	V
		2485.08	58.19	-15.81	74	58.86	27.25	6.09	34.01	343	331	P	V
		2483.68	45.72	-8.28	54	46.39	27.25	6.09	34.01	343	331	A	V



802.11n HT20 CH 11 2462MHz	*	2461.373	104.82	-	-	105.57	27.2	6.07	34.02	166	26	P	H
	*	2460.872	97.29	-	-	98.04	27.2	6.07	34.02	166	26	A	H
		2484.12	70.9	-3.1	74	71.57	27.25	6.09	34.01	166	26	P	H
		2483.76	51.24	-2.76	54	51.91	27.25	6.09	34.01	166	26	A	H
													H
													H
	*	2461.623	103.4	-	-	104.15	27.2	6.07	34.02	373	348	P	V
	*	2461.206	95.55	-	-	96.3	27.2	6.07	34.02	373	348	A	V
		2483.64	68.45	-5.55	74	69.12	27.25	6.09	34.01	373	348	P	V
		2483.52	50.05	-3.95	54	50.72	27.25	6.09	34.01	373	348	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	37.85	-36.15	74	63.15	31.12	8.65	65.07	100	0	P	H
													H
													H
													H
		4824	36.6	-37.4	74	61.9	31.12	8.65	65.07	100	0	P	V
													V
													V
													V
802.11n HT20 CH 06 2437MHz		4874	38.66	-35.34	74	63.78	31.21	8.69	65.02	100	0	P	H
		7311	39.84	-34.16	74	58.43	36.08	10.39	65.06	100	0	P	H
													H
													H
		4874	38.86	-35.14	74	63.98	31.21	8.69	65.02	100	0	P	V
		7311	42.53	-31.47	74	61.12	36.08	10.39	65.06	100	0	P	V
													V
													V
802.11n HT20 CH 11 2462MHz		4924	38.46	-35.54	74	63.35	31.29	8.79	64.97	100	0	P	H
		7386	39.56	-34.44	74	57.89	36.27	10.48	65.08	100	0	P	H
													H
													H
		4924	36.91	-37.09	74	61.8	31.29	8.79	64.97	100	0	P	V
		7386	39.86	-34.14	74	58.19	36.27	10.48	65.08	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		2386.05	69.19	-4.81	74	70.21	27.01	6.01	34.04	200	29	P	H
		2388.57	53.38	-0.62	54	54.4	27.01	6.01	34.04	200	29	A	H
	*	2421	101.89	-	-	102.77	27.11	6.04	34.03	200	29	P	H
	*	2420.374	94.72	-	-	95.6	27.11	6.04	34.03	200	29	A	H
		2487.88	59.24	-14.76	74	59.86	27.3	6.09	34.01	200	29	P	H
		2486.32	45.55	-8.45	54	46.22	27.25	6.09	34.01	200	29	A	H
		2387.04	65.59	-8.41	74	66.61	27.01	6.01	34.04	385	346	P	V
		2389.74	50.62	-3.38	54	51.64	27.01	6.01	34.04	385	346	A	V
	*	2421	101.21	-	-	102.09	27.11	6.04	34.03	385	346	P	V
	*	2420.458	93.41	-	-	94.29	27.11	6.04	34.03	385	346	A	V
		2483.88	54.57	-19.43	74	55.24	27.25	6.09	34.01	385	346	P	V
		2491.72	44.48	-9.52	54	45.1	27.3	6.09	34.01	385	346	A	V
802.11n HT40 CH 06 2437MHz		2388.39	65.81	-8.19	74	66.83	27.01	6.01	34.04	108	114	P	H
		2389.92	51.52	-2.48	54	52.54	27.01	6.01	34.04	108	114	A	H
	*	2437	104.68	-	-	105.51	27.16	6.04	34.03	108	114	P	H
	*	2437	97.28	-	-	98.11	27.16	6.04	34.03	108	114	A	H
		2484.4	66.22	-7.78	74	66.89	27.25	6.09	34.01	108	114	P	H
		2483.56	53.06	-0.94	54	53.73	27.25	6.09	34.01	108	114	A	H
		2389.65	60.33	-13.67	74	61.35	27.01	6.01	34.04	386	350	P	V
		2389.92	49.16	-4.84	54	50.18	27.01	6.01	34.04	386	350	A	V
	*	2437	102.69	-	-	103.52	27.16	6.04	34.03	386	350	P	V
	*	2437	95.05	-	-	95.88	27.16	6.04	34.03	386	350	A	V
		2483.52	61.36	-12.64	74	62.03	27.25	6.09	34.01	386	350	P	V
		2483.52	48.66	-5.34	54	49.33	27.25	6.09	34.01	386	350	A	V



FCC Test Report

Report No. : FR592310C

802.11n HT40 CH 09 2452MHz		2380.29	59.8	-14.2	74	53.79	-500	6.01	-500	133	120	P	H
		2389.47	50.49	-3.51	54	44.48	-500	6.01	-500	133	120	A	H
	*	2452	104.42	-	-	98.35	-500	6.07	-500	133	120	P	H
	*	2452	97.39	-	-	91.32	-500	6.07	-500	133	120	A	H
		2484.32	64.6	-9.4	74	58.51	-500	6.09	-500	133	120	P	H
		2483.84	52.77	-1.23	54	46.68	-500	6.09	-500	133	120	A	H
		2317.02	58.61	-15.39	74	52.72	-500	5.89	-500	381	347	P	V
		2387.76	49.08	-4.92	54	43.07	-500	6.01	-500	381	347	A	V
	*	2452	102.55	-	-	96.48	-500	6.07	-500	381	347	P	V
	*	2452	95.41	-	-	89.34	-500	6.07	-500	381	347	A	V
		2486.96	63.3	-10.7	74	57.21	-500	6.09	-500	381	347	P	V
		2484.04	51.33	-2.67	54	45.24	-500	6.09	-500	381	347	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		4844	38.1	-35.9	74	63.32	31.15	8.69	65.06	100	0	P	H
		7266	39.59	-34.41	74	58.3	36.01	10.34	65.06	100	0	P	H
													H
													H
		4844	35.76	-38.24	74	60.98	31.15	8.69	65.06	100	0	P	V
		7266	39.9	-34.1	74	58.61	36.01	10.34	65.06	100	0	P	V
													V
													V
802.11n HT40 CH 06 2437MHz		4874	35.76	-38.24	74	60.88	31.21	8.69	65.02	100	0	P	H
		7311	38.81	-35.19	74	57.4	36.08	10.39	65.06	100	0	P	H
													H
													H
		4874	35.14	-38.86	74	60.26	31.21	8.69	65.02	100	0	P	V
		7311	38.68	-35.32	74	57.27	36.08	10.39	65.06	100	0	P	V
													V
													V
802.11n HT40 CH 09 2452MHz		4904	37.6	-36.4	74	62.59	31.26	8.74	64.99	100	0	P	H
		7356	39.69	-34.31	74	58.12	36.2	10.44	65.07	100	0	P	H
													H
													H
		4904	35.98	-38.02	74	60.97	31.26	8.74	64.99	100	0	P	V
		7356	38.78	-35.22	74	57.21	36.2	10.44	65.07	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 @ 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)
2.4GHz 802.11g LF		31.08	16.08	-23.92	40	29.78	17.46	0.67	31.83			P	H
		123.42	11.96	-31.54	43.5	30.99	11.47	1.28	31.78			P	H
		282.45	23.5	-22.5	46	40.77	12.55	1.94	31.76			P	H
		352.5	20.65	-25.35	46	35.94	14.32	2.17	31.78			P	H
		619.9	21.09	-24.91	46	31.17	19	2.96	32.04			P	H
		820.1	25.91	-20.09	46	34.23	20.1	3.4	31.82	205	177	P	H
													H
													H
													H
													H
													H
													H
		41.07	19.7	-20.3	40	38.79	12.06	0.67	31.82	195	52	P	V
		159.87	13.29	-30.21	43.5	34	9.61	1.46	31.78			P	V
		292.17	13.09	-32.91	46	29.95	12.79	2.11	31.76			P	V
		546.4	18.81	-27.19	46	29.37	18.63	2.77	31.96			P	V
		780.2	21.42	-24.58	46	30.31	19.7	3.35	31.94			P	V
		994.4	23.31	-30.69	54	29.68	20.54	3.78	30.69			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 for Part 15C rule

*	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.
@	Frequency falls in non-restricted band is passed and tested by conducted band edges and spurious emission measurement in the test report.
#	Peak measured value is under 20dB and complies with the average limit, so it is unnecessary to perform an average measurement per clause 6.5.4.2 of ANSI C63.10.
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”.