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		2389.02	52.43	-21.57	74	52.2	27.03	6.57	33.37	100	21	P	H
		2386.95	42.9	-11.1	54	42.67	27.03	6.57	33.37	100	21	A	H
	*	2414	104.97	-	-	104.55	27.08	6.68	33.34	100	21	P	H
	*	2413.778	102.29	-	-	101.87	27.08	6.68	33.34	100	21	A	H
		2367.69	48.53	-25.47	74	48.36	26.94	6.62	33.39	116	96	P	V
		2387.04	36	-18	54	35.77	27.03	6.57	33.37	116	96	A	V
	*	2412.942	99.36	-	-	98.94	27.08	6.68	33.34	116	96	P	V
	*	2413.778	97.36	-	-	96.94	27.08	6.68	33.34	116	96	A	V
802.11b CH 06 2437MHz		2378.04	53.99	-20.01	74	53.76	26.99	6.62	33.38	100	18	P	H
		2382.45	40.32	-13.68	54	40.13	26.99	6.57	33.37	100	18	A	H
	*	2439	105.61	-	-	104.97	27.17	6.79	33.32	100	18	P	H
	*	2439	102.77	-	-	102.13	27.17	6.79	33.32	100	18	A	H
		2484.28	54.67	-19.33	74	53.67	27.26	7.01	33.27	100	18	P	H
		2485.56	39.74	-14.26	54	38.74	27.26	7.01	33.27	100	18	A	H
		2388.03	44.31	-29.69	74	44.08	27.03	6.57	33.37	134	104	P	V
		2388.39	33.69	-20.31	54	33.46	27.03	6.57	33.37	134	104	A	V
	*	2437.909	100.16	-	-	99.52	27.17	6.79	33.32	134	104	P	V
	*	2436.239	98.09	-	-	97.5	27.12	6.79	33.32	134	104	A	V
		2493	49.49	-24.51	74	48.44	27.3	7.01	33.26	134	104	P	V
		2490.68	34.97	-19.03	54	33.92	27.3	7.01	33.26	134	104	A	V

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 11 2462MHz	*	2464	105.06	-	-	104.24	27.21	6.9	33.29	100	11	P	H
	*	2463.71	102.37	-	-	101.55	27.21	6.9	33.29	100	11	A	H
		2489.64	53.6	-20.4	74	52.55	27.3	7.01	33.26	100	11	P	H
		2487.04	42.37	-11.63	54	41.36	27.26	7.01	33.26	100	11	A	H
	*	2461.122	100.73	-	-	99.91	27.21	6.9	33.29	107	100	P	V
	*	2461.206	98.7	-	-	97.88	27.21	6.9	33.29	107	100	A	V
		2485.52	49	-25	74	48	27.26	7.01	33.27	107	100	P	V
		2486.76	38.11	-15.89	54	37.1	27.26	7.01	33.26	107	100	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 802.11b (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	46.12	-27.88	74	59.88	31.06	10.57	55.39	100	0	P	H
		4824	47.18	-26.82	74	60.94	31.06	10.57	55.39	100	0	P	V
802.11b CH 06 2437MHz		4874	46.72	-27.28	74	60.38	31.13	10.63	55.42	100	0	P	H
		7311	49.67	-24.33	74	55.52	36.11	13.63	55.59	100	0	P	H
		4874	47.73	-26.27	74	61.39	31.13	10.63	55.42	100	0	P	V
		7311	48.06	-25.94	74	53.91	36.11	13.63	55.59	100	0	P	V
802.11b CH 11 2462MHz		4924	46.67	-27.33	74	60.2	31.2	10.73	55.46	100	0	P	H
		7386	49.4	-24.6	74	54.93	36.33	13.66	55.52	100	0	P	H
		4924	46.82	-27.18	74	60.35	31.2	10.73	55.46	100	0	P	V
		7386	48	-26	74	53.53	36.33	13.66	55.52	100	0	P	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		2388.84	64.46	-9.54	74	64.23	27.03	6.57	33.37	100	21	P	H
		2389.74	49.28	-4.72	54	49.05	27.03	6.57	33.37	100	21	A	H
	*	2413.611	105.3	-	-	104.88	27.08	6.68	33.34	100	21	P	H
	*	2412.775	97.77	-	-	97.35	27.08	6.68	33.34	100	21	A	H
		2389.56	56.21	-17.79	74	55.98	27.03	6.57	33.37	118	97	P	V
		2390	41.75	-12.25	54	41.52	27.03	6.57	33.37	118	97	A	V
	*	2412.942	96.86	-	-	96.44	27.08	6.68	33.34	118	97	P	V
	*	2413.277	89.69	-	-	89.27	27.08	6.68	33.34	118	97	A	V
802.11g CH 06 2437MHz		2389.83	53.87	-20.13	74	53.64	27.03	6.57	33.37	100	19	P	H
		2388.21	43.32	-10.68	54	43.09	27.03	6.57	33.37	100	19	A	H
	*	2436.239	106.73	-	-	106.14	27.12	6.79	33.32	100	19	P	H
	*	2438.076	99.08	-	-	98.44	27.17	6.79	33.32	100	19	A	H
		2487.24	53.71	-20.29	74	52.7	27.26	7.01	33.26	100	19	P	H
		2483.76	43.05	-10.95	54	42.05	27.26	7.01	33.27	100	19	A	H
		2375.61	44.79	-29.21	74	44.56	26.99	6.62	33.38	108	118	P	V
		2356.98	35.36	-18.64	54	35.2	26.94	6.62	33.4	108	118	A	V
	*	2438.159	101.9	-	-	101.26	27.17	6.79	33.32	108	118	P	V
	*	2438.076	93.78	-	-	93.14	27.17	6.79	33.32	108	118	A	V
		2488.72	52.16	-21.84	74	51.11	27.3	7.01	33.26	108	118	P	V
		2483.8	37.91	-16.09	54	36.91	27.26	7.01	33.27	108	118	A	V

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	*	2460.788	106.57	-	-	105.75	27.21	6.9	33.29	100	18	P	H
	*	2461.289	98.52	-	-	97.7	27.21	6.9	33.29	100	18	A	H
		2485.88	69.19	-4.81	74	68.19	27.26	7.01	33.27	100	18	P	H
		2484.16	49.68	-4.32	54	48.68	27.26	7.01	33.27	100	18	A	H
	*	2463.293	99.48	-	-	98.66	27.21	6.9	33.29	109	117	P	V
	*	2460.955	92.15	-	-	91.33	27.21	6.9	33.29	109	117	A	V
		2484.08	65.72	-8.28	74	64.72	27.26	7.01	33.27	109	117	P	V
		2483.52	44.2	-9.8	54	43.2	27.26	7.01	33.27	109	117	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 802.11g (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	46.61	-27.39	74	60.37	31.06	10.57	55.39	100	0	P	H
		4824	47.2	-26.8	74	60.96	31.06	10.57	55.39	100	0	P	V
802.11g CH 06 2437MHz		4874	46.62	-27.38	74	60.28	31.13	10.63	55.42	100	0	P	H
		7311	49.05	-24.95	74	54.9	36.11	13.63	55.59	100	0	P	H
		4874	47.23	-26.77	74	60.89	31.13	10.63	55.42	100	0	P	V
		7311	49.47	-24.53	74	55.32	36.11	13.63	55.59	100	0	P	V
802.11g CH 11 2462MHz		4924	47.15	-26.85	74	60.68	31.2	10.73	55.46	100	0	P	H
		7386	49.33	-24.67	74	54.86	36.33	13.66	55.52	100	0	P	H
		4924	46.71	-27.29	74	60.24	31.2	10.73	55.46	100	0	P	V
		7386	48.99	-25.01	74	54.52	36.33	13.66	55.52	100	0	P	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)
		2389.65	66.34	-7.66	74	66.11	27.03	6.57	33.37	100	21	P	H
		2389.74	49.46	-4.54	54	49.23	27.03	6.57	33.37	100	21	A	H
802.11n	*	2413.026	104.2	-	-	103.78	27.08	6.68	33.34	100	21	P	H
HT20	*	2413.36	96.43	-	-	96.01	27.08	6.68	33.34	100	21	A	H
CH 01		2389.65	59.97	-14.03	74	59.74	27.03	6.57	33.37	111	88	P	V
2412MHz		2390	41.25	-12.75	54	41.02	27.03	6.57	33.37	111	88	A	V
	*	2412.692	99.18	-	-	98.76	27.08	6.68	33.34	111	88	P	V
	*	2413.026	91.54	-	-	91.12	27.08	6.68	33.34	111	88	A	V
		2385.78	54.44	-19.56	74	54.21	27.03	6.57	33.37	100	19	P	H
		2389.74	41.83	-12.17	54	41.6	27.03	6.57	33.37	100	19	A	H
	*	2439	105.03	-	-	104.39	27.17	6.79	33.32	100	19	P	H
	*	2437.992	97.41	-	-	96.77	27.17	6.79	33.32	100	19	A	H
802.11n		2485.28	53.73	-20.27	74	52.73	27.26	7.01	33.27	100	19	P	H
HT20		2484.12	41.21	-12.79	54	40.21	27.26	7.01	33.27	100	19	A	H
CH 06		2389.02	45.59	-28.41	74	45.36	27.03	6.57	33.37	132	104	P	V
2437MHz		2388.48	34.8	-19.2	54	34.57	27.03	6.57	33.37	132	104	A	V
	*	2438.911	100.99	-	-	100.35	27.17	6.79	33.32	132	104	P	V
	*	2437.742	92.29	-	-	91.65	27.17	6.79	33.32	132	104	A	V
		2485.28	48.42	-25.58	74	47.42	27.26	7.01	33.27	132	104	P	V
		2483.96	35.54	-18.46	54	34.54	27.26	7.01	33.27	132	104	A	V

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)
	*	2460	104.96	-	-	104.14	27.21	6.9	33.29	100	19	P	H
	*	2460	96.72	-	-	95.9	27.21	6.9	33.29	100	19	A	H
802.11n		2487	68.7	-5.3	74	67.69	27.26	7.01	33.26	100	19	P	H
HT20		2483.52	50.02	-3.98	54	49.02	27.26	7.01	33.27	100	19	A	H
CH 11	*	2461.707	98.57	-	-	97.75	27.21	6.9	33.29	108	85	P	V
2462MHz	*	2461.206	90.93	-	-	90.11	27.21	6.9	33.29	108	85	A	V
		2484.24	63.37	-10.63	74	62.37	27.26	7.01	33.27	108	85	P	V
		2484.08	44.67	-9.33	54	43.67	27.26	7.01	33.27	108	85	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 (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	45.77	-28.23	74	59.53	31.06	10.57	55.39	100	0	P	H
		4824	46.04	-27.96	74	59.8	31.06	10.57	55.39	100	0	P	V
802.11n HT20 CH 06 2437MHz		4874	46.41	-27.59	74	60.07	31.13	10.63	55.42	100	0	P	H
		7311	49.38	-24.62	74	55.23	36.11	13.63	55.59	100	0	P	H
		4874	47.05	-26.95	74	60.71	31.13	10.63	55.42	100	0	P	V
		7311	49	-25	74	54.85	36.11	13.63	55.59	100	0	P	V
802.11n HT20 CH 11 2462MHz		4924	47.21	-26.79	74	60.74	31.2	10.73	55.46	100	0	P	H
		7386	48.59	-25.41	74	54.12	36.33	13.66	55.52	100	0	P	H
		4924	47.72	-26.28	74	61.25	31.2	10.73	55.46	100	0	P	V
		7386	49.81	-24.19	74	55.34	36.33	13.66	55.52	100	0	P	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)
		2388.48	64.83	-9.17	74	64.6	27.03	6.57	33.37	100	20	P	H
		2389.11	49.69	-4.31	54	49.46	27.03	6.57	33.37	100	20	A	H
802.11n	*	2424	99.68	-	-	99.21	27.12	6.68	33.33	100	20	P	H
HT40	*	2424	91.62	-	-	91.15	27.12	6.68	33.33	100	20	A	H
CH 03		2388.75	53.34	-20.66	74	53.11	27.03	6.57	33.37	112	96	P	V
2422MHz		2389.74	40.07	-13.93	54	39.84	27.03	6.57	33.37	112	96	A	V
	*	2420	93.18	-	-	92.72	27.12	6.68	33.34	112	96	P	V
	*	2420	85.5	-	-	85.04	27.12	6.68	33.34	112	96	A	V
		2389.83	60.78	-13.22	74	60.55	27.03	6.57	33.37	100	19	P	H
		2389.02	47.63	-6.37	54	47.4	27.03	6.57	33.37	100	19	A	H
	*	2435	101.76	-	-	101.17	27.12	6.79	33.32	100	19	P	H
	*	2439	93.69	-	-	93.05	27.17	6.79	33.32	100	19	A	H
802.11n		2486.68	62.38	-11.62	74	61.37	27.26	7.01	33.26	100	19	P	H
HT40		2484.04	47.75	-6.25	54	46.75	27.26	7.01	33.27	100	19	A	H
CH 06		2375.16	51.59	-22.41	74	51.36	26.99	6.62	33.38	111	117	P	V
2437MHz		2383.44	37.69	-16.31	54	37.5	26.99	6.57	33.37	111	117	A	V
	*	2439	95.11	-	-	94.47	27.17	6.79	33.32	111	117	P	V
	*	2439	86.96	-	-	86.32	27.17	6.79	33.32	111	117	A	V
		2485.8	56.17	-17.83	74	55.17	27.26	7.01	33.27	111	117	P	V
		2486.48	41.53	-12.47	54	40.53	27.26	7.01	33.27	111	117	A	V

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)
	*	2450	100.67	-	-	100.02	27.17	6.79	33.31	101	20	P	H
	*	2450	92.19	-	-	91.54	27.17	6.79	33.31	101	20	A	H
802.11n		2485.64	65.69	-8.31	74	64.69	27.26	7.01	33.27	101	20	P	H
HT40		2483.52	46.87	-7.13	54	45.87	27.26	7.01	33.27	101	20	A	H
CH 09	*	2450	93.98	-	-	93.33	27.17	6.79	33.31	110	117	P	V
2452MHz	*	2450	86.05	-	-	85.4	27.17	6.79	33.31	110	117	A	V
		2487.28	58.42	-15.58	74	57.41	27.26	7.01	33.26	110	117	P	V
		2484.28	41.32	-12.68	54	40.32	27.26	7.01	33.27	110	117	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		4844	47.49	-26.51	74	61.21	31.08	10.6	55.4	100	0	P	H
HT40		7266	48.48	-25.52	74	54.47	36.02	13.61	55.62	100	0	P	H
CH 03		4844	47.53	-26.47	74	61.25	31.08	10.6	55.4	100	0	P	V
2422MHz		7266	49.97	-24.03	74	55.96	36.02	13.61	55.62	100	0	P	V
802.11n		4874	46.97	-27.03	74	60.63	31.13	10.63	55.42	100	0	P	H
HT40		7311	49.29	-24.71	74	55.14	36.11	13.63	55.59	100	0	P	H
CH 06		4874	47.83	-26.17	74	61.49	31.13	10.63	55.42	100	0	P	V
2437MHz		7311	49.85	-24.15	74	55.7	36.11	13.63	55.59	100	0	P	V
802.11n		4904	47.75	-26.25	74	61.32	31.18	10.7	55.45	100	0	P	H
HT40		7356	50.83	-23.17	74	56.48	36.24	13.65	55.54	100	0	P	H
CH 09		4904	46.76	-27.24	74	60.33	31.18	10.7	55.45	100	0	P	V
2452MHz		7356	49.16	-24.84	74	54.81	36.24	13.65	55.54	100	0	P	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 Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11b LF		115.32	28.78	-14.72	43.5	47.26	11.84	1.46	31.78			P	H
		190.65	28.02	-15.48	43.5	48.6	9.28	1.92	31.78			P	H
		267.6	20.77	-25.23	46	36.77	13.48	2.29	31.77			P	H
		598.2	21.34	-24.66	46	30.25	19.66	3.47	32.04			P	H
		778.8	30.29	-15.71	46	36.37	21.89	3.98	31.95			P	H
		958	34.08	-11.92	46	36.75	23.83	4.47	30.97	146	268	P	H
		58.35	19.47	-20.53	40	44.08	6.18	1.01	31.8			P	V
		148.53	13.83	-29.67	43.5	32.04	11.89	1.68	31.78			P	V
		265.44	20.33	-25.67	46	36.26	13.56	2.28	31.77			P	V
		581.4	21.38	-24.62	46	30.65	19.32	3.42	32.01			P	V
		783	30.01	-15.99	46	36.03	21.93	3.99	31.94			P	V
		957.3	32.46	-13.54	46	35.14	23.83	4.47	30.98	127	50	P	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	**P**eak or **A**verage
H/V	**H**orizontal or **V**ertical

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 CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		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".