



Appendix A. Radiated Spurious Emission

Test Engineer :	Nick Yu, Ken Wu and Bill Kuo	Temperature :	21~23°C
		Relative Humidity :	56~60%

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		2387.49	54.45	-19.55	74	55.25	27.23	6.01	34.04	100	92	P	H
		2387.76	45.66	-8.34	54	46.46	27.23	6.01	34.04	100	92	A	H
	*	2412	103.86	-	-	104.58	27.28	6.04	34.04	100	92	P	H
	*	2412	101.21	-	-	101.93	27.28	6.04	34.04	100	92	A	H
													H
													H
		2388.75	53.36	-20.64	74	54.16	27.23	6.01	34.04	353	188	P	V
		2387.76	44.12	-9.88	54	44.92	27.23	6.01	34.04	353	188	A	V
	*	2412	100.97	-	-	101.69	27.28	6.04	34.04	353	188	P	V
	*	2412	98.34	-	-	99.06	27.28	6.04	34.04	353	188	A	V
													V
													V
802.11b CH 06 2437MHz		2362.74	54.27	-19.73	74	55.23	27.14	5.95	34.05	107	93	P	H
		2388.39	44.76	-9.24	54	45.56	27.23	6.01	34.04	107	93	A	H
	*	2437	103.71	-	-	104.33	27.37	6.04	34.03	107	93	P	H
	*	2437	100.99	-	-	101.61	27.37	6.04	34.03	107	93	A	H
		2484.96	54.21	-19.79	74	54.67	27.46	6.09	34.01	107	93	P	H
		2485.6	45.11	-8.89	54	45.57	27.46	6.09	34.01	107	93	A	H
		2389.11	52.89	-21.11	74	53.69	27.23	6.01	34.04	383	186	P	V
		2388.39	43.14	-10.86	54	43.94	27.23	6.01	34.04	383	186	A	V
	*	2437	101.29	-	-	101.91	27.37	6.04	34.03	383	186	P	V
	*	2437	98.58	-	-	99.2	27.37	6.04	34.03	383	186	A	V
		2494.8	53.02	-20.98	74	53.43	27.5	6.09	34	383	186	P	V
		2485.56	43.74	-10.26	54	44.2	27.46	6.09	34.01	383	186	A	V



802.11b CH 11 2462MHz	*	2462	103.51	-	-	104.05	27.41	6.07	34.02	114	90	P	H
	*	2462	100.77	-	-	101.31	27.41	6.07	34.02	114	90	A	H
		2488.12	56.21	-17.79	74	56.63	27.5	6.09	34.01	114	90	P	H
		2488.72	48.41	-5.59	54	48.83	27.5	6.09	34.01	114	90	A	H
													H
													H
	*	2462	101.74	-	-	102.28	27.41	6.07	34.02	391	208	P	V
	*	2462	99.06	-	-	99.6	27.41	6.07	34.02	391	208	A	V
		2487.96	55.91	-18.09	74	56.33	27.5	6.09	34.01	391	208	P	V
		2488.68	47.59	-6.41	54	48.01	27.5	6.09	34.01	391	208	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	39.24	-34.76	74	64.34	31.32	8.65	65.07	100	0	P	H
													H
													H
													H
		4824	39	-35	74	64.1	31.32	8.65	65.07	100	0	P	V
													V
													V
													V
802.11b CH 06 2437MHz		4872	39.85	-34.15	74	64.77	31.41	8.69	65.02	100	0	P	H
		7308	42	-32	74	60.39	36.28	10.39	65.06	100	0	P	H
													H
													H
		4872	39.13	-34.87	74	64.05	31.41	8.69	65.02	100	0	P	V
		7308	42.23	-31.77	74	60.62	36.28	10.39	65.06	100	0	P	V
													V
													V
802.11b CH 11 2462MHz		4926	39.59	-34.41	74	64.28	31.49	8.79	64.97	100	0	P	H
		7386	43.23	-30.77	74	61.36	36.47	10.48	65.08	100	0	P	H
													H
													H
		4926	39.82	-34.18	74	64.51	31.49	8.79	64.97	100	0	P	V
		7386	42.68	-31.32	74	60.81	36.47	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		2386.95	59.23	-14.77	74	60.03	27.23	6.01	34.04	100	286	P	H
		2390	46.86	-7.14	54	47.66	27.23	6.01	34.04	100	286	A	H
	*	2412	107.08	-	-	107.8	27.28	6.04	34.04	100	286	P	H
	*	2412	99.24	-	-	99.96	27.28	6.04	34.04	100	286	A	H
													H
													H
		2387.4	57.14	-16.86	74	57.94	27.23	6.01	34.04	367	190	P	V
		2389.92	45.24	-8.76	54	46.04	27.23	6.01	34.04	367	190	A	V
	*	2412	104.64	-	-	105.36	27.28	6.04	34.04	367	190	P	V
	*	2412	96.82	-	-	97.54	27.28	6.04	34.04	367	190	A	V
													V
													V
802.11g CH 06 2437MHz		2388.12	55.14	-18.86	74	55.94	27.23	6.01	34.04	100	100	P	H
		2390	42.31	-11.69	54	43.11	27.23	6.01	34.04	100	100	A	H
	*	2437	107.86	-	-	108.48	27.37	6.04	34.03	100	100	P	H
	*	2437	96.19	-	-	96.81	27.37	6.04	34.03	100	100	A	H
		2488.68	56.37	-17.63	74	56.79	27.5	6.09	34.01	100	100	P	H
		2484.36	42.13	-11.87	54	42.59	27.46	6.09	34.01	100	100	A	H
		2389.56	54.76	-19.24	74	55.56	27.23	6.01	34.04	400	208	P	V
		2389.65	41.4	-12.6	54	42.2	27.23	6.01	34.04	400	208	A	V
	*	2437	105.7	-	-	106.32	27.37	6.04	34.03	400	208	P	V
	*	2437	94.06	-	-	94.68	27.37	6.04	34.03	400	208	A	V
		2495.48	54.83	-19.17	74	55.24	27.5	6.09	34	400	208	P	V
		2483.68	41.76	-12.24	54	42.22	27.46	6.09	34.01	400	208	A	V



802.11g CH 11 2462MHz	*	2463.71	106.18	-	-	106.72	27.41	6.07	34.02	100	290	P	H
	*	2464.378	98.45	-	-	98.99	27.41	6.07	34.02	100	290	A	H
		2483.6	59.39	-14.61	74	59.85	27.46	6.09	34.01	100	290	P	H
		2483.52	47.82	-6.18	54	48.28	27.46	6.09	34.01	100	290	A	H
													H
													H
	*	2458.867	106.27	-	-	106.81	27.41	6.07	34.02	378	185	P	V
	*	2458.784	98.32	-	-	98.86	27.41	6.07	34.02	378	185	A	V
		2491.72	59.59	-14.41	74	60.01	27.5	6.09	34.01	378	185	P	V
		2483.52	47.19	-6.81	54	47.65	27.46	6.09	34.01	378	185	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	40.28	-33.72	74	65.58	31.12	8.65	65.07	100	0	P	H
													H
													H
													H
		4824	41.86	-32.14	74	67.16	31.12	8.65	65.07	100	0	P	V
													V
													V
													V
802.11g CH 06 2437MHz		4874	39.78	-34.22	74	64.9	31.21	8.69	65.02	100	0	P	H
		7311	42.69	-31.31	74	61.28	36.08	10.39	65.06	100	0	P	H
													H
													H
		4874	40.29	-33.71	74	65.41	31.21	8.69	65.02	100	0	P	V
		7311	43.42	-30.58	74	62.01	36.08	10.39	65.06	100	0	P	V
													V
													V
802.11g CH 11 2462MHz		4924	40.71	-33.29	74	65.6	31.29	8.79	64.97	100	0	P	H
		7386	40.48	-33.52	74	58.81	36.27	10.48	65.08	100	0	P	H
													H
													H
		4924	41.25	-32.75	74	66.14	31.29	8.79	64.97	100	0	P	V
		7386	40.05	-33.95	74	58.38	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		2389.29	61.84	-12.16	74	62.64	27.23	6.01	34.04	108	89	P	H
		2389.92	49.8	-4.2	54	50.6	27.23	6.01	34.04	108	89	A	H
	*	2412	107.04	-	-	107.76	27.28	6.04	34.04	108	89	P	H
	*	2412	99.59	-	-	100.31	27.28	6.04	34.04	108	89	A	H
													H
													H
		2389.2	60.55	-13.45	74	61.35	27.23	6.01	34.04	352	188	P	V
		2389.92	48.24	-5.76	54	49.04	27.23	6.01	34.04	352	188	A	V
	*	2412	105.38	-	-	106.1	27.28	6.04	34.04	352	188	P	V
	*	2412	97.02	-	-	97.74	27.28	6.04	34.04	352	188	A	V
													V
													V
802.11n HT20 CH 06 2437MHz		2388.66	54.31	-19.69	74	55.11	27.23	6.01	34.04	100	92	P	H
		2389.74	44.5	-9.5	54	45.3	27.23	6.01	34.04	100	92	A	H
	*	2437	106.69	-	-	107.31	27.37	6.04	34.03	100	92	P	H
	*	2437	99.34	-	-	99.96	27.37	6.04	34.03	100	92	A	H
		2483.56	55.31	-18.69	74	55.77	27.46	6.09	34.01	100	92	P	H
		2484	44.52	-9.48	54	44.98	27.46	6.09	34.01	100	92	A	H
		2371.38	53.02	-20.98	74	53.86	27.19	6.01	34.04	386	187	P	V
		2387.13	43.39	-10.61	54	44.19	27.23	6.01	34.04	386	187	A	V
	*	2437	104.49	-	-	105.11	27.37	6.04	34.03	386	187	P	V
	*	2437	96.96	-	-	97.58	27.37	6.04	34.03	386	187	A	V
		2495.68	54.26	-19.74	74	54.67	27.5	6.09	34	386	187	P	V
		2485.92	43.6	-10.4	54	44.06	27.46	6.09	34.01	386	187	A	V



802.11n HT20 CH 11 2462MHz	*	2462	106.41	-	-	106.95	27.41	6.07	34.02	109	91	P	H
	*	2462	98.92	-	-	99.46	27.41	6.07	34.02	109	91	A	H
		2484.76	59.85	-14.15	74	60.31	27.46	6.09	34.01	109	91	P	H
		2483.56	49.24	-4.76	54	49.7	27.46	6.09	34.01	109	91	A	H
													H
													H
	*	2462	104.47	-	-	105.01	27.41	6.07	34.02	386	187	P	V
	*	2462	96.86	-	-	97.4	27.41	6.07	34.02	386	187	A	V
		2488.68	57.86	-16.14	74	58.28	27.5	6.09	34.01	386	187	P	V
		2483.8	46.88	-7.12	54	47.34	27.46	6.09	34.01	386	187	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		4804	41.37	-32.63	74	66.71	31.1	8.65	65.09	100	0	P	H
													H
													H
													H
		4824	40.43	-33.57	74	65.73	31.12	8.65	65.07	100	0	P	V
													V
													V
													V
802.11n HT20 CH 06 2437MHz		4874	41.89	-32.11	74	67.01	31.21	8.69	65.02	100	0	P	H
		7311	44.3	-29.7	74	62.89	36.08	10.39	65.06	100	0	P	H
													H
													H
		4874	41.93	-32.07	74	67.05	31.21	8.69	65.02	100	0	P	V
		7311	43.34	-30.66	74	61.93	36.08	10.39	65.06	100	0	P	V
													V
													V
802.11n HT20 CH 11 2462MHz		4924	40.52	-33.48	74	65.41	31.29	8.79	64.97	100	0	P	H
		7386	42.45	-31.55	74	60.78	36.27	10.48	65.08	100	0	P	H
													H
													H
		4924	40.39	-33.61	74	65.28	31.29	8.79	64.97	100	0	P	V
		7386	42.58	-31.42	74	60.91	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		2382.09	61.63	-12.37	74	62.47	27.19	6.01	34.04	100	91	P	H
		2386.95	51.82	-2.18	54	52.62	27.23	6.01	34.04	100	91	A	H
	*	2422	103.28	-	-	103.95	27.32	6.04	34.03	100	91	P	H
	*	2422	95.59	-	-	96.26	27.32	6.04	34.03	100	91	A	H
		2498.88	52.97	-21.03	74	53.58	27.3	6.09	34	100	191	P	H
		2495.36	43.2	-10.8	54	43.81	27.3	6.09	34	100	191	A	H
		2386.59	59.53	-14.47	74	60.33	27.23	6.01	34.04	381	186	P	V
		2389.11	48.89	-5.11	54	49.69	27.23	6.01	34.04	381	186	A	V
	*	2422	101.14	-	-	101.81	27.32	6.04	34.03	381	186	P	V
	*	2422	93.14	-	-	93.81	27.32	6.04	34.03	381	186	A	V
		2484.12	53.35	-20.65	74	54.02	27.25	6.09	34.01	381	186	P	V
		2490.4	43.14	-10.86	54	43.76	27.3	6.09	34.01	381	186	A	V
802.11n HT40 CH 06 2437MHz		2389.11	54.92	-19.08	74	55.94	27.01	6.01	34.04	100	91	P	H
		2389.92	45.08	-8.92	54	46.1	27.01	6.01	34.04	100	91	A	H
	*	2437	105.24	-	-	105.86	27.37	6.04	34.03	100	91	P	H
	*	2437	97.27	-	-	97.89	27.37	6.04	34.03	100	91	A	H
		2484.28	62.66	-11.34	74	63.12	27.46	6.09	34.01	100	91	P	H
		2483.56	49.46	-4.54	54	49.92	27.46	6.09	34.01	100	91	A	H
		2389.2	54.63	-19.37	74	55.65	27.01	6.01	34.04	386	189	P	V
		2389.74	45.17	-8.83	54	46.19	27.01	6.01	34.04	386	189	A	V
	*	2437	101.84	-	-	102.46	27.37	6.04	34.03	386	189	P	V
	*	2437	94.15	-	-	94.77	27.37	6.04	34.03	386	189	A	V
		2483.96	59.41	-14.59	74	59.87	27.46	6.09	34.01	386	189	P	V
		2483.64	46.41	-7.59	54	46.87	27.46	6.09	34.01	386	189	A	V



802.11n HT40 CH 09 2452MHz		2379.57	53.48	-20.52	74	54.55	26.96	6.01	34.04	124	91	P	H
		2380.92	42.95	-11.05	54	44.02	26.96	6.01	34.04	124	91	A	H
	*	2452	103.57	-	-	104.15	27.37	6.07	34.02	124	91	P	H
	*	2452	95.64	-	-	96.22	27.37	6.07	34.02	124	91	A	H
		2486.12	63.2	-10.8	74	63.66	27.46	6.09	34.01	124	91	P	H
		2484.44	53.83	-0.17	54	54.29	27.46	6.09	34.01	124	91	A	H
		2387.13	53.31	-20.69	74	54.33	27.01	6.01	34.04	388	189	P	V
		2389.38	43.49	-10.51	54	44.51	27.01	6.01	34.04	388	189	A	V
	*	2452	101.88	-	-	102.46	27.37	6.07	34.02	388	189	P	V
	*	2452	94.12	-	-	94.7	27.37	6.07	34.02	388	189	A	V
		2485.6	60.7	-13.3	74	61.16	27.46	6.09	34.01	388	189	P	V
		2484.36	50.83	-3.17	54	51.29	27.46	6.09	34.01	388	189	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	41.05	-32.95	74	66.27	31.15	8.69	65.06	100	0	P	H
		7266	41.15	-32.85	74	59.86	36.01	10.34	65.06	100	0	P	H
													H
													H
		4844	41.18	-32.82	74	66.4	31.15	8.69	65.06	100	0	P	V
		7266	43.23	-30.77	74	61.94	36.01	10.34	65.06	100	0	P	V
													V
													V
802.11n HT40 CH 06 2437MHz		4874	41.35	-32.65	74	66.47	31.21	8.69	65.02	100	0	P	H
		7311	40.72	-33.28	74	59.31	36.08	10.39	65.06	100	0	P	H
													H
													H
		4874	41.97	-32.03	74	67.09	31.21	8.69	65.02	100	0	P	V
		7311	41	-33	74	59.59	36.08	10.39	65.06	100	0	P	V
													V
													V
802.11n HT40 CH 09 2452MHz		4904	40.97	-33.03	74	65.96	31.26	8.74	64.99	100	0	P	H
		7356	43.46	-30.54	74	61.89	36.2	10.44	65.07	100	0	P	H
													H
													H
		4904	41.48	-32.52	74	66.47	31.26	8.74	64.99	100	0	P	V
		7356	41.91	-32.09	74	60.34	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 802.11n HT40 (LF)

[illegible]



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.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 11 2462MHz	*	2460.538	103.72	-	-	104.47	27.2	6.07	34.02	203	55	P	H
	*	2460.705	101.13	-	-	101.88	27.2	6.07	34.02	203	55	A	H
		2487.24	54.2	-19.8	74	54.87	27.25	6.09	34.01	203	55	P	H
		2496.36	44.59	-9.41	54	45.2	27.3	6.09	34	203	55	A	H
													H
													H
	*	2460.872	102.28	-	-	103.03	27.2	6.07	34.02	297	92	P	V
	*	2460.705	99.67	-	-	100.42	27.2	6.07	34.02	297	92	A	V
		2487.48	53.62	-20.38	74	54.29	27.25	6.09	34.01	297	92	P	V
		2496.28	44.31	-9.69	54	44.92	27.3	6.09	34	297	92	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.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 11 2462MHz		4924	35.83	-38.17	74	60.72	31.29	8.79	64.97	100	0	P	H
		7386	40.69	-33.31	74	59.02	36.27	10.48	65.08	100	0	P	H
													H
													H
		4924	35.27	-38.73	74	60.16	31.29	8.79	64.97	100	0	P	V
		7386	41.08	-32.92	74	59.41	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.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 09 2452MHz		2387.76	54.43	-19.57	74	55.45	27.01	6.01	34.04	200	59	P	H
		2389.92	44.68	-9.32	54	45.7	27.01	6.01	34.04	200	59	A	H
	*	2452	104.18	-	-	104.97	27.16	6.07	34.02	200	59	P	H
	*	2452	96.11	-	-	96.9	27.16	6.07	34.02	200	59	A	H
		2484.24	59.56	-14.44	74	60.23	27.25	6.09	34.01	200	59	P	H
		2483.52	49.79	-4.21	54	50.46	27.25	6.09	34.01	200	59	A	H
		2379.57	53.85	-20.15	74	54.92	26.96	6.01	34.04	295	80	P	V
		2388.39	44.49	-9.51	54	45.51	27.01	6.01	34.04	295	80	A	V
	*	2452	102.99	-	-	103.78	27.16	6.07	34.02	295	80	P	V
	*	2452	95.15	-	-	95.94	27.16	6.07	34.02	295	80	A	V
		2484.84	58.34	-15.66	74	59.01	27.25	6.09	34.01	295	80	P	V
		2484.32	49.29	-4.71	54	49.96	27.25	6.09	34.01	295	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 (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.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 09 2452MHz		4904	35.49	-38.51	74	60.48	31.26	8.74	64.99	100	0	P	H
		7356	40.37	-33.63	74	58.8	36.2	10.44	65.07	100	0	P	H
													H
													H
		4904	36.26	-37.74	74	61.25	31.26	8.74	64.99	100	0	P	V
		7356	39.43	-34.57	74	57.86	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 802.11n HT40 (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.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11n HT40 LF		94.8	33.91	-9.59	43.5	55.09	9.32	1.28	31.78	-	-	P	H
		216.03	42.61	-3.39	46	64.7	7.9	1.79	31.78	125	50	QP	H
		216.03	45.51	-0.49	46	67.6	7.9	1.79	31.78	125	50	P	H
		264.09	37.21	-8.79	46	54.2	12.84	1.94	31.77	-	-	P	H
		311.9	36.14	-9.86	46	52.37	13.42	2.11	31.76	-	-	P	H
		552	35.12	-10.88	46	45.66	18.66	2.77	31.97	-	-	P	H
		743.8	35.17	-10.83	46	44.11	19.8	3.25	31.99	-	-	P	H
													H
													H
													H
													H
													H
		93.18	32.65	-10.85	43.5	54.11	9.04	1.28	31.78	-	-	P	V
		216.03	40.11	-5.89	46	62.2	7.9	1.79	31.78	159	145	P	V
		264.09	27.68	-18.32	46	44.67	12.84	1.94	31.77	-	-	P	V
		360.2	37.55	-8.45	46	52.46	14.7	2.17	31.78	-	-	P	V
		552	37.17	-8.83	46	47.71	18.66	2.77	31.97	-	-	P	V
		936.3	31.25	-14.75	46	38.33	20.39	3.68	31.15	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against 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		2390	57.27	-16.73	74	58.07	27.23	6.01	34.04	200	63	P	H
		2390	46.54	-7.46	54	47.34	27.23	6.01	34.04	200	63	A	H
	*	2412	107.08	-	-	107.8	27.28	6.04	34.04	200	63	P	H
	*	2412	99.01	-	-	99.73	27.28	6.04	34.04	200	63	A	H
													H
													H
		2390	56.79	-17.21	74	57.59	27.23	6.01	34.04	400	96	P	V
		2390	47.3	-6.7	54	48.1	27.23	6.01	34.04	400	96	A	V
	*	2412	107.32	-	-	108.04	27.28	6.04	34.04	400	96	P	V
	*	2412	99.16	-	-	99.88	27.28	6.04	34.04	400	96	A	V
													V
													V
802.11n HT20 CH 06 2437MHz		2387.94	54.35	-19.65	74	55.15	27.23	6.01	34.04	200	52	P	H
		2389.47	43.92	-10.08	54	44.72	27.23	6.01	34.04	200	52	A	H
	*	2437	107.9	-	-	108.52	27.37	6.04	34.03	200	52	P	H
	*	2437	99.61	-	-	100.23	27.37	6.04	34.03	200	52	A	H
		2486.4	54.65	-19.35	74	55.11	27.46	6.09	34.01	200	52	P	H
		2483.64	44.75	-9.25	54	45.21	27.46	6.09	34.01	200	52	A	H
		2387.49	55.2	-18.8	74	56	27.23	6.01	34.04	100	69	P	V
		2388.21	44.19	-9.81	54	44.99	27.23	6.01	34.04	100	69	A	V
	*	2437	108.6	-	-	109.22	27.37	6.04	34.03	100	69	P	V
	*	2437	100.33	-	-	100.95	27.37	6.04	34.03	100	69	A	V
		2483.72	54.53	-19.47	74	54.99	27.46	6.09	34.01	100	69	P	V
		2485.28	45	-9	54	45.46	27.46	6.09	34.01	100	69	A	V



802.11n HT20 CH 11 2462MHz	*	2462	108.49	-	-	109.03	27.41	6.07	34.02	200	47	P	H
	*	2462	99.95	-	-	100.49	27.41	6.07	34.02	200	47	A	H
		2490.76	60.8	-13.2	74	61.22	27.5	6.09	34.01	200	47	P	H
		2483.8	48.71	-5.29	54	49.17	27.46	6.09	34.01	200	47	A	H
													H
													H
	*	2462	109.74	-	-	110.28	27.41	6.07	34.02	364	92	P	V
	*	2462	100.53	-	-	101.07	27.41	6.07	34.02	364	92	A	V
		2485.2	61.28	-12.72	74	61.74	27.46	6.09	34.01	364	92	P	V
		2483.56	50.62	-3.38	54	51.08	27.46	6.09	34.01	364	92	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		4824	40.62	-33.38	74	65.92	31.12	8.65	65.07	100	0	P	H
													H
													H
													H
		4824	41.04	-32.96	74	66.34	31.12	8.65	65.07	100	0	P	V
													V
													V
													V
802.11n HT20 CH 06 2437MHz		4874	40.82	-33.18	74	65.94	31.21	8.69	65.02	100	0	P	H
		7311	44.58	-29.42	74	63.17	36.08	10.39	65.06	100	0	P	H
													H
													H
		4874	41.88	-32.12	74	67	31.21	8.69	65.02	100	0	P	V
		7311	45.57	-28.43	74	64.16	36.08	10.39	65.06	100	0	P	V
													V
													V
802.11n HT20 CH 11 2462MHz		4924	40.85	-33.15	74	65.74	31.29	8.79	64.97	100	0	P	H
		7386	45.24	-28.76	74	63.57	36.27	10.48	65.08	100	0	P	H
													H
													H
		4924	41.05	-32.95	74	65.94	31.29	8.79	64.97	100	0	P	V
		7386	47.09	-26.91	74	65.42	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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 03 2422MHz		2389.65	56.62	-17.38	74	57.42	27.23	6.01	34.04	188	60	P	H
		2390	48.17	-5.83	54	48.97	27.23	6.01	34.04	188	60	A	H
	*	2422	104.27	-	-	104.94	27.32	6.04	34.03	188	60	P	H
	*	2422	95.14	-	-	95.81	27.32	6.04	34.03	188	60	A	H
		2492.2	53.7	-20.3	74	54.11	27.5	6.09	34	188	60	P	H
		2492.2	44.68	-9.32	54	45.09	27.5	6.09	34	188	60	A	H
		2386.32	59.4	-14.6	74	60.2	27.23	6.01	34.04	400	93	P	V
		2387.85	50.17	-3.83	54	50.97	27.23	6.01	34.04	400	93	A	V
	*	2422	104.58	-	-	105.25	27.32	6.04	34.03	400	93	P	V
	*	2422	96	-	-	96.67	27.32	6.04	34.03	400	93	A	V
		2492.04	54.73	-19.27	74	55.14	27.5	6.09	34	400	93	P	V
		2492	44.89	-9.11	54	45.3	27.5	6.09	34	400	93	A	V
802.11n HT40 CH 06 2437MHz		2388.3	57.05	-16.95	74	57.85	27.23	6.01	34.04	188	63	P	H
		2384.79	47.93	-6.07	54	48.77	27.19	6.01	34.04	188	63	A	H
	*	2437	105.79	-	-	106.41	27.37	6.04	34.03	188	63	P	H
	*	2437	97.48	-	-	98.1	27.37	6.04	34.03	188	63	A	H
		2484.76	57.59	-16.41	74	58.05	27.46	6.09	34.01	188	63	P	H
		2483.72	47.97	-6.03	54	48.43	27.46	6.09	34.01	188	63	A	H
		2389.92	57.31	-16.69	74	58.11	27.23	6.01	34.04	373	96	P	V
		2385.42	48.31	-5.69	54	49.15	27.19	6.01	34.04	373	96	A	V
	*	2437	106.54	-	-	107.16	27.37	6.04	34.03	373	96	P	V
	*	2437	98.34	-	-	98.96	27.37	6.04	34.03	373	96	A	V
		2483.64	59.82	-14.18	74	60.28	27.46	6.09	34.01	373	96	P	V
		2483.72	49.51	-4.49	54	49.97	27.46	6.09	34.01	373	96	A	V



802.11n HT40 CH 09 2452MHz		2385.78	53.45	-20.55	74	54.25	27.23	6.01	34.04	181	60	P	H
		2382.72	44.03	-9.97	54	44.87	27.19	6.01	34.04	181	60	A	H
	*	2452	102.56	-	-	103.14	27.37	6.07	34.02	181	60	P	H
	*	2452	94.28	-	-	94.86	27.37	6.07	34.02	181	60	A	H
		2483.72	55.37	-18.63	74	55.83	27.46	6.09	34.01	181	60	P	H
		2488.36	45.51	-8.49	54	45.93	27.5	6.09	34.01	181	60	A	H
		2368.23	54.07	-19.93	74	54.96	27.14	6.01	34.04	100	71	P	V
		2383.08	44.09	-9.91	54	44.93	27.19	6.01	34.04	100	71	A	V
	*	2452	102.62	-	-	103.2	27.37	6.07	34.02	100	71	P	V
	*	2452	94.46	-	-	95.04	27.37	6.07	34.02	100	71	A	V
		2483.76	57.19	-16.81	74	57.65	27.46	6.09	34.01	100	71	P	V
		2484.36	48.77	-5.23	54	49.23	27.46	6.09	34.01	100	71	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	41.74	-32.26	74	66.96	31.15	8.69	65.06	100	0	P	H
		7266	41.76	-32.24	74	60.47	36.01	10.34	65.06	100	0	P	H
													H
													H
		4844	41.37	-32.63	74	66.59	31.15	8.69	65.06	100	0	P	V
		7266	41.55	-32.45	74	60.26	36.01	10.34	65.06	100	0	P	V
													V
													V
802.11n HT40 CH 06 2437MHz		4874	36.48	-37.52	74	61.6	31.21	8.69	65.02	100	0	P	H
		7311	41.33	-32.67	74	59.92	36.08	10.39	65.06	100	0	P	H
													H
													H
		4874	35.67	-38.33	74	60.79	31.21	8.69	65.02	100	0	P	V
		7311	43.76	-30.24	74	62.35	36.08	10.39	65.06	100	0	P	V
													V
													V
802.11n HT40 CH 09 2452MHz		4904	35.8	-38.2	74	60.79	31.26	8.74	64.99	100	0	P	H
		7356	39.9	-34.1	74	58.33	36.2	10.44	65.07	100	0	P	H
													H
													H
		4904	35.86	-38.14	74	60.85	31.26	8.74	64.99	100	0	P	V
		7356	40.35	-33.65	74	58.78	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 802.11n HT20 (LF)

[illegible]