



<Ant. 2>

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11b CH 01 2412MHz		2388.225	54.74	-19.26	74	50.21	32.19	7.31	34.97	101	130	P	H	
		2389.065	44.25	-9.75	54	39.72	32.19	7.31	34.97	101	130	A	H	
	*	2412	105.59	-	-	101.02	32.24	7.31	34.98	101	130	P	H	
	*	2412	101.69	-	-	97.12	32.24	7.31	34.98	101	130	A	H	
													H	
														H
			2363.76	54.47	-19.53	74	50.11	32.09	7.24	34.97	348	288	P	V
			2389.065	44	-10	54	39.47	32.19	7.31	34.97	348	288	A	V
	*		2414	101.58	-	-	97.01	32.24	7.31	34.98	348	288	P	V
	*		2414	98.57	-	-	94	32.24	7.31	34.98	348	288	A	V
														V
														V
802.11b CH 06 2437MHz		2386.02	54.3	-19.7	74	49.77	32.19	7.31	34.97	137	122	P	H	
		2388.26	44.02	-9.98	54	39.49	32.19	7.31	34.97	137	122	A	H	
	*	2437	104.12	-	-	99.41	32.34	7.36	34.99	137	122	P	H	
	*	2437	101.14	-	-	96.43	32.34	7.36	34.99	137	122	A	H	
			2483.76	54.87	-19.13	74	50.02	32.45	7.4	35	137	122	P	H
			2484.88	44.45	-9.55	54	39.6	32.45	7.4	35	137	122	A	H
			2359	54.02	-19.98	74	49.66	32.09	7.24	34.97	348	288	P	V
			2389.24	43.9	-10.1	54	39.37	32.19	7.31	34.97	348	288	A	V
	*		2437	101.72	-	-	97.01	32.34	7.36	34.99	348	288	P	V
	*		2437	98.48	-	-	93.77	32.34	7.36	34.99	348	288	A	V
			2484.25	54.68	-19.32	74	49.83	32.45	7.4	35	348	288	P	V
			2488.17	44.15	-9.85	54	39.25	32.5	7.4	35	348	288	A	V



802.11b CH 11 2462MHz	*	2462	106.07	-	-	101.26	32.4	7.4	34.99	158	124	P	H
	*	2462	102.78	-	-	97.97	32.4	7.4	34.99	158	124	A	H
		2484.72	54.86	-19.14	74	50.01	32.45	7.4	35	158	124	P	H
		2483.52	45.56	-8.44	54	40.71	32.45	7.4	35	158	124	A	H
													H
													H
	*	2462	102.26	-	-	97.45	32.4	7.4	34.99	339	294	P	V
	*	2462	98.98	-	-	94.17	32.4	7.4	34.99	339	294	A	V
		2484.6	55.34	-18.66	74	50.49	32.45	7.4	35	339	294	P	V
		2485.68	44.29	-9.71	54	39.44	32.45	7.4	35	339	294	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11b CH 01 2412MHz		4824	42.69	-31.31	74	56.41	33.64	11.68	59.04	100	0	P	H	
													H	
													H	
													H	
			4824	42.41	-31.59	74	56.13	33.64	11.68	59.04	100	0	P	V
														V
														V
802.11b CH 06 2437MHz		4874	41.11	-32.89	74	54.98	33.54	11.53	58.94	100	0	P	H	
		7311	40.33	-33.67	74	49.76	34.69	13.81	57.93	100	0	P	H	
													H	
													H	
			4874	40.05	-33.95	74	53.92	33.54	11.53	58.94	100	0	P	V
			7311	40.18	-33.82	74	49.61	34.69	13.81	57.93	100	0	P	V
														V
802.11b CH 11 2462MHz		4924	45.6	-28.4	74	59.63	33.44	11.37	58.84	100	0	P	H	
		7386	39.25	-34.75	74	48.89	34.47	13.95	58.06	100	0	P	H	
													H	
													H	
			4924	42.19	-31.81	74	56.22	33.44	11.37	58.84	100	0	P	V
			7386	38.62	-35.38	74	48.26	34.47	13.95	58.06	100	0	P	V
														V
Remark	1. No other spurious found.													
	2. All results are PASS against Peak and Average limit line.													



2.4GHz 2400~2483.5MHz
WIFI 802.11g (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11g CH 01 2412MHz		2388.855	54.72	-19.28	74	50.19	32.19	7.31	34.97	164	63	P	H	
		2390	45.99	-8.01	54	41.47	32.19	7.31	34.98	164	63	A	H	
	*	2412	107.35	-	-	102.78	32.24	7.31	34.98	164	63	P	H	
	*	2412	100.06	-	-	95.49	32.24	7.31	34.98	164	63	A	H	
													H	
													H	
			2388.435	56.24	-17.76	74	51.71	32.19	7.31	34.97	304	266	P	V
			2390	45.52	-8.48	54	41	32.19	7.31	34.98	304	266	A	V
	*		2412	105.56	-	-	100.99	32.24	7.31	34.98	304	266	P	V
	*		2412	98.24	-	-	93.67	32.24	7.31	34.98	304	266	A	V
													V	
													V	
802.11g CH 06 2437MHz		2377.34	55.22	-18.78	74	50.81	32.14	7.24	34.97	100	63	P	H	
		2382.24	44.74	-9.26	54	40.26	32.14	7.31	34.97	100	63	A	H	
	*	2437	108.43	-	-	103.72	32.34	7.36	34.99	100	63	P	H	
	*	2437	100.58	-	-	95.87	32.34	7.36	34.99	100	63	A	H	
			2486.77	54.86	-19.14	74	50.01	32.45	7.4	35	100	63	P	H
			2486.77	45.08	-8.92	54	40.23	32.45	7.4	35	100	63	A	H
			2371.74	54.97	-19.03	74	50.56	32.14	7.24	34.97	351	262	P	V
			2385.18	44.6	-9.4	54	40.12	32.14	7.31	34.97	351	262	A	V
	*		2437	106.39	-	-	101.68	32.34	7.36	34.99	351	262	P	V
	*		2437	99.17	-	-	94.46	32.34	7.36	34.99	351	262	A	V
			2489.01	54.73	-19.27	74	49.83	32.5	7.4	35	351	262	P	V
			2483.83	45.25	-8.75	54	40.4	32.45	7.4	35	351	262	A	V



802.11g CH 11 2462MHz	*	2462	105.99	-	-	101.18	32.4	7.4	34.99	136	67	P	H
	*	2462	98.52	-	-	93.71	32.4	7.4	34.99	136	67	A	H
		2483.56	60.86	-13.14	74	56.01	32.45	7.4	35	136	67	P	H
		2483.64	51.89	-2.11	54	47.04	32.45	7.4	35	136	67	A	H
													H
													H
	*	2462	106.88	-	-	102.07	32.4	7.4	34.99	327	260	P	V
	*	2462	99.76	-	-	94.95	32.4	7.4	34.99	327	260	A	V
		2483.92	62.13	-11.87	74	57.28	32.45	7.4	35	327	260	P	V
		2483.52	52.33	-1.67	54	47.48	32.45	7.4	35	327	260	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11g CH 01 2412MHz		4824	40.46	-33.54	74	54.18	33.64	11.68	59.04	100	0	P	H	
													H	
													H	
													H	
			4824	38.76	-35.24	74	52.48	33.64	11.68	59.04	100	0	P	V
														V
														V
802.11g CH 06 2437MHz		4874	38.53	-35.47	74	52.4	33.54	11.53	58.94	100	0	P	H	
		7311	38.69	-35.31	74	48.12	34.69	13.81	57.93	100	0	P	H	
													H	
													H	
			4874	38.74	-35.26	74	52.61	33.54	11.53	58.94	100	0	P	V
			7311	38.62	-35.38	74	48.05	34.69	13.81	57.93	100	0	P	V
														V
802.11g CH 11 2462MHz		4924	42.39	-31.61	74	56.42	33.44	11.37	58.84	100	0	P	H	
		7386	38.55	-35.45	74	48.19	34.47	13.95	58.06	100	0	P	H	
													H	
													H	
			4924	40.25	-33.75	74	54.28	33.44	11.37	58.84	100	0	P	V
			7386	39.36	-34.64	74	49	34.47	13.95	58.06	100	0	P	V
														V
Remark	1. No other spurious found.													
	2. All results are PASS against Peak and Average limit line.													



2.4GHz 2400~2483.5MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11n HT20 CH 01 2412MHz		2377.62	55.55	-18.45	74	51.14	32.14	7.24	34.97	164	63	P	H	
		2389.59	45.63	-8.37	54	41.1	32.19	7.31	34.97	164	63	A	H	
	*	2412	107.38	-	-	102.81	32.24	7.31	34.98	164	63	P	H	
	*	2412	99.74	-	-	95.17	32.24	7.31	34.98	164	63	A	H	
													H	
														H
			2340.03	54.45	-19.55	74	50.15	32.03	7.24	34.97	304	266	P	V
			2390	45.36	-8.64	54	40.84	32.19	7.31	34.98	304	266	A	V
		*	2412	105.39	-	-	100.82	32.24	7.31	34.98	304	266	P	V
		*	2412	97.98	-	-	93.41	32.24	7.31	34.98	304	266	A	V
														V
														V
802.11n HT20 CH 06 2437MHz		2369.78	55.82	-18.18	74	51.41	32.14	7.24	34.97	100	63	P	H	
		2387.98	44.75	-9.25	54	40.22	32.19	7.31	34.97	100	63	A	H	
	*	2437	107.79	-	-	103.08	32.34	7.36	34.99	100	63	P	H	
	*	2437	99.96	-	-	95.25	32.34	7.36	34.99	100	63	A	H	
			2491.11	54.54	-19.46	74	49.64	32.5	7.4	35	100	63	P	H
			2483.62	45.09	-8.91	54	40.24	32.45	7.4	35	100	63	A	H
			2365.02	54.63	-19.37	74	50.27	32.09	7.24	34.97	351	262	P	V
			2374.82	44.79	-9.21	54	40.38	32.14	7.24	34.97	351	262	A	V
		*	2437	106.25	-	-	101.54	32.34	7.36	34.99	351	262	P	V
		*	2437	99.04	-	-	94.33	32.34	7.36	34.99	351	262	A	V
			2496.99	54.12	-19.88	74	49.23	32.5	7.4	35.01	351	262	P	V
			2489.36	45.07	-8.93	54	40.17	32.5	7.4	35	351	262	A	V



802.11n HT20 CH 11 2462MHz	*	2462	108.8	-	-	103.99	32.4	7.4	34.99	122	69	P	H
	*	2462	100.64	-	-	95.83	32.4	7.4	34.99	122	69	A	H
		2484	61.53	-12.47	74	56.68	32.45	7.4	35	122	69	P	H
		2483.56	50.91	-3.09	54	46.06	32.45	7.4	35	122	69	A	H
													H
													H
	*	2462	105.95	-	-	101.14	32.4	7.4	34.99	296	298	P	V
	*	2462	98.12	-	-	93.31	32.4	7.4	34.99	296	298	A	V
		2484	62.01	-11.99	74	57.16	32.45	7.4	35	296	298	P	V
		2483.64	48.61	-5.39	54	43.76	32.45	7.4	35	296	298	A	V
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11n HT20 CH 01 2412MHz		4824	40.61	-33.39	74	54.33	33.64	11.68	59.04	100	0	P	H	
													H	
													H	
													H	
			4824	38.88	-35.12	74	52.6	33.64	11.68	59.04	100	0	P	V
														V
														V
802.11n HT20 CH 06 2437MHz		4874	39.52	-34.48	74	53.39	33.54	11.53	58.94	100	0	P	H	
		7311	39	-35	74	48.43	34.69	13.81	57.93	100	0	P	H	
													H	
													H	
			4874	39.04	-34.96	74	52.91	33.54	11.53	58.94	100	0	P	V
			7311	38.79	-35.21	74	48.22	34.69	13.81	57.93	100	0	P	V
														V
802.11n HT20 CH 11 2462MHz		4926	41.36	-32.64	74	55.39	33.44	11.37	58.84	100	0	P	H	
		7386	39.27	-34.73	74	48.91	34.47	13.95	58.06	100	0	P	H	
													H	
													H	
			4926	40.56	-33.44	74	54.59	33.44	11.37	58.84	100	0	P	V
			7386	38.87	-35.13	74	48.51	34.47	13.95	58.06	100	0	P	V
														V
Remark	1. No other spurious found.													
	2. All results are PASS against Peak and Average limit line.													



2.4GHz 2400~2483.5MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 03 2422MHz		2389.38	58.33	-15.67	74	53.8	32.19	7.31	34.97	124	128	P	H
		2389.8	50.36	-3.64	54	45.84	32.19	7.31	34.98	124	128	A	H
	*	2422	105.21	-	-	100.55	32.29	7.36	34.99	124	128	P	H
	*	2422	97.86	-	-	93.2	32.29	7.36	34.99	124	128	A	H
		2491.11	55.19	-18.81	74	50.29	32.5	7.4	35	124	128	P	H
		2498.32	45.91	-8.09	54	41.02	32.5	7.4	35.01	124	128	A	H
		2389.66	55.81	-18.19	74	51.28	32.19	7.31	34.97	341	292	P	V
		2389.52	47.05	-6.95	54	42.52	32.19	7.31	34.97	341	292	A	V
	*	2422	102.73	-	-	98.07	32.29	7.36	34.99	341	292	P	V
	*	2422	94.75	-	-	90.09	32.29	7.36	34.99	341	292	A	V
		2495.45	54.58	-19.42	74	49.69	32.5	7.4	35.01	341	292	P	V
		2489.71	45.74	-8.26	54	40.84	32.5	7.4	35	341	292	A	V
802.11n HT40 CH 06 2437MHz		2389.24	54.75	-19.25	74	50.22	32.19	7.31	34.97	169	128	P	H
		2389.66	46.25	-7.75	54	41.72	32.19	7.31	34.97	169	128	A	H
	*	2437	105.16	-	-	100.45	32.34	7.36	34.99	169	128	P	H
	*	2437	97.07	-	-	92.36	32.34	7.36	34.99	169	128	A	H
		2488.17	54.94	-19.06	74	50.04	32.5	7.4	35	169	128	P	H
		2483.55	46.16	-7.84	54	41.31	32.45	7.4	35	169	128	A	H
		2359.84	55.01	-18.99	74	50.65	32.09	7.24	34.97	345	291	P	V
		2389.94	45.75	-8.25	54	41.23	32.19	7.31	34.98	345	291	A	V
	*	2437	102.49	-	-	97.78	32.34	7.36	34.99	345	291	P	V
	*	2437	94.6	-	-	89.89	32.34	7.36	34.99	345	291	A	V
		2484.11	55.11	-18.89	74	50.26	32.45	7.4	35	345	291	P	V
		2498.39	46.03	-7.97	54	41.14	32.5	7.4	35.01	345	291	A	V



802.11n HT40 CH 09 2452MHz		2352.7	54.61	-19.39	74	50.25	32.09	7.24	34.97	169	128	P	H
		2389.94	46.06	-7.94	54	41.54	32.19	7.31	34.98	169	128	A	H
	*	2452	105	-	-	100.29	32.34	7.36	34.99	169	128	P	H
	*	2452	97.36	-	-	92.65	32.34	7.36	34.99	169	128	A	H
		2484.32	57.08	-16.92	74	52.23	32.45	7.4	35	169	128	P	H
		2483.52	47.78	-6.22	54	42.93	32.45	7.4	35	169	128	A	H
		2338.7	54.38	-19.62	74	50.13	32.03	7.18	34.96	345	291	P	V
		2389.66	45.76	-8.24	54	41.23	32.19	7.31	34.97	345	291	A	V
	*	2452	102.69	-	-	97.98	32.34	7.36	34.99	345	291	P	V
	*	2452	95.04	-	-	90.33	32.34	7.36	34.99	345	291	A	V
		2493.21	54.48	-19.52	74	49.59	32.5	7.4	35.01	345	291	P	V
		2486.84	45.94	-8.06	54	41.09	32.45	7.4	35	345	291	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 03 2422MHz		4844	37.87	-36.13	74	51.59	33.61	11.68	59.01	100	0	P	H
		7266	38.82	-35.18	74	48.18	34.78	13.75	57.89	100	0	P	H
													H
													H
		4844	39.86	-34.14	74	53.58	33.61	11.68	59.01	100	0	P	V
		7266	39.04	-34.96	74	48.4	34.78	13.75	57.89	100	0	P	V
802.11n HT40 CH 06 2437MHz		4874	39.35	-34.65	74	53.22	33.54	11.53	58.94	100	0	P	H
		7311	39.06	-34.94	74	48.49	34.69	13.81	57.93	100	0	P	H
													H
													H
		4874	38.57	-35.43	74	52.44	33.54	11.53	58.94	100	0	P	V
		7311	39.4	-34.6	74	48.83	34.69	13.81	57.93	100	0	P	V
802.11n HT40 CH 09 2452MHz		4904	39.57	-34.43	74	53.6	33.47	11.37	58.87	100	0	P	H
		7356	39.88	-34.12	74	49.45	34.56	13.88	58.01	100	0	P	H
													H
													H
		4904	38.43	-35.57	74	52.46	33.47	11.37	58.87	100	0	P	V
		7356	38.78	-35.22	74	48.35	34.56	13.88	58.01	100	0	P	V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

Emission below 1GHz

2.4GHz WIFI 802.11g (LF)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		30.27	27.64	-12.36	40	31.92	26	1.07	31.35	100	0	P	H
		48.63	25.75	-14.25	40	40.34	15.93	1.07	31.59	-	-	P	H
		182.28	27.79	-15.71	43.5	41.99	15.42	1.87	31.49	-	-	P	H
		474.3	26.42	-19.58	46	30.81	23.63	3.04	31.06	-	-	P	H
		803.3	32.22	-13.78	46	31.15	27.76	3.9	30.59	-	-	P	H
		916.7	33.56	-12.44	46	30.58	29.4	4.12	30.54	-	-	P	H
													H
													H
													H
													H
													H
													H
2.4GHz 802.11g LF		35.67	33.66	-6.34	40	41.3	22.72	1.07	31.43	100	81	P	V
		62.67	29.03	-10.97	40	47.12	12.21	1.28	31.58	-	-	P	V
		167.43	24.3	-19.2	43.5	37.81	16.2	1.78	31.49	-	-	P	V
		468.7	25.64	-20.36	46	30.17	23.5	3.04	31.07	-	-	P	V
		736.8	30.07	-15.93	46	30	27	3.74	30.67	-	-	P	V
		949.6	33.28	-12.72	46	29.54	30.2	4.07	30.53	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 12 2467MHz	*	2467	105.93	31.93	74	101.13	32.4	7.4	35	100	309	P	H
	*	2467	102.21	48.21	54	97.41	32.4	7.4	35	100	309	A	H
		2483.56	56.04	-17.96	74	51.19	32.45	7.4	35	100	309	P	H
		2484.08	47.65	-6.35	54	42.8	32.45	7.4	35	100	309	A	H
													H
													H
	*	2467	103.54	29.54	74	98.74	32.4	7.4	35	351	144	P	V
	*	2467	100.26	46.26	54	95.46	32.4	7.4	35	351	144	A	V
		2484.4	55.46	-18.54	74	50.61	32.45	7.4	35	351	144	P	V
		2484.44	46.18	-7.82	54	41.33	32.45	7.4	35	351	144	A	V
													V
													V
802.11b CH 13 2472Mz	*	2472	104.98	30.98	74	100.13	32.45	7.4	35	100	309	P	H
	*	2472	101.94	47.94	54	97.09	32.45	7.4	35	100	309	A	H
		2483.6	58.54	-15.46	74	53.69	32.45	7.4	35	100	309	P	H
		2483.52	51.08	-2.92	54	46.23	32.45	7.4	35	100	309	A	H
													H
													H
	*	2472	103.49	29.49	74	98.64	32.45	7.4	35	349	143	P	V
	*	2472	100.47	46.47	54	95.62	32.45	7.4	35	349	143	A	V
		2483.56	56.84	-17.16	74	51.99	32.45	7.4	35	349	143	P	V
		2484.72	49.72	-4.28	54	44.87	32.45	7.4	35	349	143	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 12 2467MHz		4932	39.45	-34.55	74	53.48	33.44	11.37	58.84	100	0	P	H
		7404	39.31	-34.69	74	49.02	34.42	13.95	58.08	100	0	P	H
													H
													H
		4932	38.71	-35.29	74	52.74	33.44	11.37	58.84	100	0	P	V
		7404	39.52	-34.48	74	49.23	34.42	13.95	58.08	100	0	P	V
													V
													V
802.11b CH 13 2472MHz		4944	45.89	-28.11	74	60.07	33.4	11.22	58.8	100	0	P	H
		7416	39.18	-34.82	74	48.89	34.42	13.95	58.08	100	0	P	H
													H
													H
		4944	42.54	-31.46	74	56.72	33.4	11.22	58.8	100	0	P	V
		7416	39.2	-34.8	74	48.91	34.42	13.95	58.08	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 12 2467MHz	*	2467	108.39	34.39	74	103.59	32.4	7.4	35	100	309	P	H
	*	2467	101.07	47.07	54	96.27	32.4	7.4	35	100	309	A	H
		2483.96	60.02	-13.98	74	55.17	32.45	7.4	35	100	309	P	H
		2483.64	50.19	-3.81	54	45.34	32.45	7.4	35	100	309	A	H
													H
													H
	*	2467	105.82	31.82	74	101.02	32.4	7.4	35	350	145	P	V
	*	2467	98.52	44.52	54	93.72	32.4	7.4	35	350	145	A	V
		2485.12	60.84	-13.16	74	55.99	32.45	7.4	35	350	145	P	V
		2483.6	49.61	-4.39	54	44.76	32.45	7.4	35	350	145	A	V
													V
													V
802.11g CH 13 2472MHz	*	2472	94.27	20.27	74	89.42	32.45	7.4	35	100	307	P	H
	*	2472	86.04	32.04	54	81.19	32.45	7.4	35	100	307	A	H
		2483.52	64.83	-9.17	74	59.98	32.45	7.4	35	100	307	P	H
		2483.68	53.41	-0.59	54	48.56	32.45	7.4	35	100	307	A	H
													H
													H
	*	2472	92.25	18.25	74	87.4	32.45	7.4	35	352	143	P	V
	*	2472	84.61	30.61	54	79.76	32.45	7.4	35	352	143	A	V
		2483.6	64.01	-9.99	74	59.16	32.45	7.4	35	352	143	P	V
		2483.52	51.83	-2.17	54	46.98	32.45	7.4	35	352	143	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 12 2467MHz		4932	41.29	-32.71	74	55.32	33.44	11.37	58.84	100	0	P	H
		7404	39.52	-34.48	74	49.23	34.42	13.95	58.08	100	0	P	H
													H
													H
		4932	40.51	-33.49	74	54.54	33.44	11.37	58.84	100	0	P	V
		7404	39.23	-34.77	74	48.94	34.42	13.95	58.08	100	0	P	V
													V
													V
802.11g CH 13 2472MHz		4944	39.78	-34.22	74	53.96	33.4	11.22	58.8	100	0	P	H
		7416	40.27	-33.73	74	49.98	34.42	13.95	58.08	100	0	P	H
													H
													H
		4944	39.89	-34.11	74	54.07	33.4	11.22	58.8	100	0	P	V
		7416	38.5	-35.5	74	48.21	34.42	13.95	58.08	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**2.4GHz 2400~2483.5MHz
WIFI 802.11n HT20 (Band Edge @ 3m)**

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 12 2467MHz	*	2467	109.02	35.02	74	104.22	32.4	7.4	35	100	308	P	H
	*	2467	101.38	47.38	54	96.58	32.4	7.4	35	100	308	A	H
		2483.76	64.04	-9.96	74	59.19	32.45	7.4	35	100	308	P	H
		2483.8	52.46	-1.54	54	47.61	32.45	7.4	35	100	308	A	H
													H
													H
	*	2467	106.77	32.77	74	101.97	32.4	7.4	35	353	144	P	V
	*	2467	99.28	45.28	54	94.48	32.4	7.4	35	353	144	A	V
		2486.68	62.84	-11.16	74	57.99	32.45	7.4	35	353	144	P	V
		2483.56	52.17	-1.83	54	47.32	32.45	7.4	35	353	144	A	V
												V	
												V	
802.11n HT20 CH 13 2472MHz	*	2472	93.19	19.19	74	88.34	32.45	7.4	35	100	307	P	H
	*	2472	85.87	31.87	54	81.02	32.45	7.4	35	100	307	A	H
		2483.68	65.4	-8.6	74	60.55	32.45	7.4	35	100	307	P	H
		2483.52	53.41	-0.59	54	48.56	32.45	7.4	35	100	307	A	H
													H
													H
	*	2472	92.06	18.06	74	87.21	32.45	7.4	35	354	145	P	V
	*	2472	84.36	30.36	54	79.51	32.45	7.4	35	354	145	A	V
		2483.56	65.23	-8.77	74	60.38	32.45	7.4	35	354	145	P	V
		2483.56	52.1	-1.9	54	47.25	32.45	7.4	35	354	145	A	V
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 12 2467MHz		4932	42.21	-31.79	74	56.24	33.44	11.37	58.84	100	0	P	H
		7404	39.59	-34.41	74	49.3	34.42	13.95	58.08	100	0	P	H
													H
													H
		4932	40.3	-33.7	74	54.33	33.44	11.37	58.84	100	0	P	V
		7401	39.46	-34.54	74	49.17	34.42	13.95	58.08	100	0	P	V
													V
802.11n HT20 CH 13 2472MHz		4944	39.52	-34.48	74	53.7	33.4	11.22	58.8	100	0	P	H
		7416	39.26	-34.74	74	48.97	34.42	13.95	58.08	100	0	P	H
													H
													H
		4944	40.57	-33.43	74	54.75	33.4	11.22	58.8	100	0	P	V
		7416	39.3	-34.7	74	49.01	34.42	13.95	58.08	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 10 2457MHz		2389.24	54.55	-19.45	74	50.02	32.19	7.31	34.97	110	308	P	H
		2386.44	46.14	-7.86	54	41.61	32.19	7.31	34.97	110	308	A	H
	*	2457	108.18	34.18	74	103.41	32.4	7.36	34.99	110	308	P	H
	*	2457	99.77	45.77	54	95	32.4	7.36	34.99	110	308	A	H
		2483.5	59.84	-14.16	74	54.99	32.45	7.4	35	110	308	P	H
		2483.5	51.57	-2.43	54	46.72	32.45	7.4	35	110	308	A	H
		2382.8	54.49	-19.51	74	50.01	32.14	7.31	34.97	352	144	P	V
		2389.52	45.81	-8.19	54	41.28	32.19	7.31	34.97	352	144	A	V
	*	2457	105.14	31.14	74	100.37	32.4	7.36	34.99	352	144	P	V
	*	2457	97.75	43.75	54	92.98	32.4	7.36	34.99	352	144	A	V
		2483.5	59.92	-14.08	74	55.07	32.45	7.4	35	352	144	P	V
		2483.5	52.18	-1.82	54	47.33	32.45	7.4	35	352	144	A	V
802.11n HT40 CH 11 2462MHz		2320.92	54.76	-19.24	74	50.56	31.98	7.18	34.96	108	310	P	H
		2353.68	45.57	-8.43	54	41.21	32.09	7.24	34.97	108	310	A	H
	*	2462	94.19	20.19	74	89.38	32.4	7.4	34.99	108	310	P	H
	*	2462	86.73	32.73	54	81.92	32.4	7.4	34.99	108	310	A	H
		2483.5	61.9	-12.1	74	57.05	32.45	7.4	35	108	310	P	H
		2483.62	53.39	-0.61	54	48.54	32.45	7.4	35	108	310	A	H
		2387.7	54.72	-19.28	74	50.19	32.19	7.31	34.97	350	145	P	V
		2376.64	45.61	-8.39	54	41.2	32.14	7.24	34.97	350	145	A	V
	*	2462	91.91	17.91	74	87.1	32.4	7.4	34.99	350	145	P	V
	*	2462	84.5	30.5	54	79.69	32.4	7.4	34.99	350	145	A	V
		2483.55	61.97	-12.03	74	57.12	32.45	7.4	35	350	145	P	V
		2483.5	53.34	-0.66	54	48.49	32.45	7.4	35	350	145	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 10		4914	38.89	-35.11	74	52.92	33.47	11.37	58.87	100	0	P	H
		7368	39.2	-34.8	74	48.84	34.51	13.88	58.03	100	0	P	H
													H
													H
2457MHz		4914	38.92	-35.08	74	52.95	33.47	11.37	58.87	100	0	P	V
		7368	39.25	-34.75	74	48.89	34.51	13.88	58.03	100	0	P	V
													V
													V
802.11n HT40 CH 11		4926	40.62	-33.38	74	54.65	33.44	11.37	58.84	100	0	P	H
		7386	38.72	-35.28	74	48.36	34.47	13.95	58.06	100	0	P	H
													H
													H
2462MHz		4926	39.64	-34.36	74	53.67	33.44	11.37	58.84	100	0	P	V
		7386	38.67	-35.33	74	48.31	34.47	13.95	58.06	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average 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.
!	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 Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H
2412MHz													

- Level(dBμV/m) =
Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
- Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

- 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)
- Over Limit(dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 55.45(dBμV/m) – 74(dBμV/m)
= -18.55(dB)

For Average Limit @ 2390MHz:

- 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)
- 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”.