



Appendix A. Radiated Spurious Emission

Test Engineer :	James Chiu, Ken Wu, Nike Yu, and Luke Chang	Temperature :	20~22°C
		Relative Humidity :	50~55%

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		2385.96	62.62	-11.38	74	56.96	32.18	7.75	34.27	100	296	P	H
		2385.78	53.29	-0.71	54	47.63	32.18	7.75	34.27	100	296	A	H
	*	2413.444	104.27	-	-	98.62	32.2	7.75	34.3	100	296	P	H
	*	2412.692	99.76	-	-	94.11	32.2	7.75	34.3	100	296	A	H
													H
													H
		2386.86	62.74	-11.26	74	57.08	32.18	7.75	34.27	280	280	P	V
		2385.78	52.34	-1.66	54	46.68	32.18	7.75	34.27	280	280	A	V
	*	2413.36	103.84	-	-	98.19	32.2	7.75	34.3	280	280	P	V
	*	2412.692	99.28	-	-	93.63	32.2	7.75	34.3	280	280	A	V
													V
													V
802.11b CH 06 2437MHz		2377.59	59.39	-14.61	74	53.82	32.16	7.68	34.27	164	243	P	H
		2385.42	45.79	-8.21	54	40.15	32.16	7.75	34.27	164	243	A	H
	*	2435.738	104.74	-	-	99.04	32.22	7.83	34.35	164	243	P	H
	*	2437.742	100.31	-	-	94.59	32.24	7.83	34.35	164	243	A	H
		2495.72	59.72	-14.28	74	53.99	32.3	7.91	34.48	164	243	P	H
		2486.8	45.96	-8.04	54	40.2	32.28	7.91	34.43	164	243	A	H
		2371.74	59.75	-14.25	74	54.18	32.16	7.68	34.27	261	268	P	V
		2376.87	45.46	-8.54	54	39.89	32.16	7.68	34.27	261	268	A	V
	*	2435.655	104.77	-	-	99.07	32.22	7.83	34.35	261	268	P	V
	*	2437.365	100.29	-	-	94.57	32.24	7.83	34.35	261	268	A	V
		2498.96	60.86	-13.14	74	55.13	32.3	7.91	34.48	261	268	P	V
		2487.12	45.86	-8.14	54	40.1	32.28	7.91	34.43	261	268	A	V



802.11b CH 11 2462MHz	*	2460.621	104.25	-	-	98.47	32.26	7.91	34.39	144	247	P	H
	*	2461.289	99.79	-	-	94.01	32.26	7.91	34.39	144	247	A	H
		2490.04	60.68	-13.32	74	54.9	32.3	7.91	34.43	144	247	P	H
		2489.96	47.3	-6.7	54	41.52	32.3	7.91	34.43	144	247	A	H
													H
													H
	*	2463.46	104.36	-	-	98.58	32.26	7.91	34.39	295	276	P	V
	*	2462.708	99.91	-	-	94.13	32.26	7.91	34.39	295	276	A	V
		2490.36	59.6	-14.4	74	53.82	32.3	7.91	34.43	295	276	P	V
		2489.92	47	-7	54	41.22	32.3	7.91	34.43	295	276	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	42.89	-31.11	74	56.4	34.26	11.16	58.93			P	H
													H
													H
													H
		4824	43.72	-30.28	74	57.23	34.26	11.16	58.93			P	V
													V
													V
													V
802.11b CH 06 2437MHz		4872	42.98	-31.02	74	56.3	34.3	11.21	58.83			P	H
		7728	44.67	-29.33	74	51.79	35.65	15.15	57.92			P	H
													H
													H
		4872	42.89	-31.11	74	56.21	34.3	11.21	58.83			P	V
		7728	45.13	-28.87	74	52.25	35.65	15.15	57.92			P	V
													V
													V
802.11b CH 11 2462MHz		4926	42.98	-31.02	74	56.1	34.34	11.27	58.73	100	0	P	H
		7386	49.05	-24.95	74	56.11	35.6	15.14	57.8	100	0	P	H
													H
													H
		4926	42.83	-31.17	74	55.95	34.34	11.27	58.73	100	0	P	V
		7386	49.93	-24.07	74	56.99	35.6	15.14	57.8	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		2389.56	66.89	-7.11	74	61.23	32.18	7.75	34.27	100	246	P	H
		2389.92	52.13	-1.87	54	46.5	32.18	7.75	34.3	100	246	A	H
	*	2413	106.42	-	-	100.77	32.2	7.75	34.3	100	246	P	H
	*	2413	94.49	-	-	88.84	32.2	7.75	34.3	100	246	A	H
													H
													H
		2388.39	66.66	-7.34	74	61	32.18	7.75	34.27	284	278	P	V
		2390	52.37	-1.63	54	46.74	32.18	7.75	34.3	284	278	A	V
	*	2414	104.83	-	-	99.18	32.2	7.75	34.3	284	278	P	V
	*	2414	93.44	-	-	87.79	32.2	7.75	34.3	284	278	A	V
													V
													V
802.11g CH 06 2437MHz		2377.77	59.86	-14.14	74	54.29	32.16	7.68	34.27	127	247	P	H
		2389.11	46.06	-7.94	54	40.4	32.18	7.75	34.27	127	247	A	H
	*	2436	107.57	-	-	101.87	32.22	7.83	34.35	127	247	P	H
	*	2436	96.13	-	-	90.43	32.22	7.83	34.35	127	247	A	H
		2496.64	60.85	-13.15	74	55.12	32.3	7.91	34.48	127	247	P	H
		2483.72	46.34	-7.66	54	40.58	32.28	7.91	34.43	127	247	A	H
		2376.96	59.32	-14.68	74	53.75	32.16	7.68	34.27	327	272	P	V
		2389.56	45.78	-8.22	54	40.12	32.18	7.75	34.27	327	272	A	V
	*	2436	106.99	-	-	101.29	32.22	7.83	34.35	327	272	P	V
	*	2436	95.61	-	-	89.91	32.22	7.83	34.35	327	272	A	V
		2483.64	60.26	-13.74	74	54.5	32.28	7.91	34.43	327	272	P	V
		2484.44	46.31	-7.69	54	40.55	32.28	7.91	34.43	327	272	A	V



802.11g CH 11 2462MHz	*	2464	103.34	-	-	97.56	32.26	7.91	34.39	194	299	P	H
	*	2464	91.9	-	-	86.12	32.26	7.91	34.39	194	299	A	H
		2486.96	60.22	-13.78	74	54.46	32.28	7.91	34.43	194	299	P	H
		2483.56	46.32	-7.68	54	40.56	32.28	7.91	34.43	194	299	A	H
													H
													H
	*	2464	103.5	-	-	97.72	32.26	7.91	34.39	294	275	P	V
	*	2464	92	-	-	86.22	32.26	7.91	34.39	294	275	A	V
		2495.2	59.67	-14.33	74	53.94	32.3	7.91	34.48	294	275	P	V
		2483.52	46.08	-7.92	54	40.32	32.28	7.91	34.43	294	275	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	44.25	-29.75	74	57.76	34.26	11.16	58.93	100	0	P	H
		7236	46.3	-27.7	74	53.33	35.6	15.03	57.66	100	0	P	H
													H
													H
		4824	43.04	-30.96	74	56.55	34.26	11.16	58.93	100	0	P	V
		7236	48.11	-25.89	74	55.14	35.6	15.03	57.66	100	0	P	V
													V
													V
802.11g CH 06 2437MHz		4872	42.5	-31.5	74	55.82	34.3	11.21	58.83	100	0	P	H
		7308	45.73	-28.27	74	52.78	35.6	15.08	57.73	100	0	P	H
													H
													H
		4872	43.09	-30.91	74	56.41	34.3	11.21	58.83	100	0	P	V
		7308	46.73	-27.27	74	53.78	35.6	15.08	57.73	100	0	P	V
													V
													V
802.11g CH 11 2462MHz		4926	42.81	-31.19	74	55.93	34.34	11.27	58.73	100	0	P	H
		7386	45.39	-28.61	74	52.45	35.6	15.14	57.8	100	0	P	H
													H
													H
		4926	43.31	-30.69	74	56.43	34.34	11.27	58.73	100	0	P	V
		7386	46.22	-27.78	74	53.28	35.6	15.14	57.8	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		2388.57	69.67	-4.33	74	64.01	32.18	7.75	34.27	175	240	P	H
		2390	53.17	-0.83	54	47.54	32.18	7.75	34.3	175	240	A	H
	*	2414	105.33	-	-	99.68	32.2	7.75	34.3	175	240	P	H
	*	2414	93.85	-	-	88.2	32.2	7.75	34.3	175	240	A	H
													H
													H
		2388.3	69.31	-4.69	74	63.65	32.18	7.75	34.27	238	272	P	V
		2390	52.68	-1.32	54	47.05	32.18	7.75	34.3	238	272	A	V
	*	2411	104.78	-	-	99.13	32.2	7.75	34.3	238	272	P	V
	*	2411	93.32	-	-	87.67	32.2	7.75	34.3	238	272	A	V
													V
													V
802.11n HT20 CH 06 2437MHz		2386.23	60.27	-13.73	74	54.61	32.18	7.75	34.27	169	247	P	H
		2390	46.39	-7.61	54	40.76	32.18	7.75	34.3	169	247	A	H
	*	2436	108.44	-	-	102.74	32.22	7.83	34.35	169	247	P	H
	*	2436	96.79	-	-	91.09	32.22	7.83	34.35	169	247	A	H
		2486.92	60.98	-13.02	74	55.22	32.28	7.91	34.43	169	247	P	H
		2485.56	47.15	-6.85	54	41.39	32.28	7.91	34.43	169	247	A	H
		2372.91	60.35	-13.65	74	54.78	32.16	7.68	34.27	263	272	P	V
		2389.38	46.31	-7.69	54	40.65	32.18	7.75	34.27	263	272	A	V
	*	2439	108.22	-	-	102.5	32.24	7.83	34.35	263	272	P	V
	*	2439	96.71	-	-	90.99	32.24	7.83	34.35	263	272	A	V
		2491.16	60.6	-13.4	74	54.82	32.3	7.91	34.43	263	272	P	V
		2487.24	46.84	-7.16	54	41.08	32.28	7.91	34.43	263	272	A	V



802.11n HT20 CH 11 2462MHz	*	2461	103.71	-	-	97.93	32.26	7.91	34.39	100	297	P	H
	*	2461	91.69	-	-	85.91	32.26	7.91	34.39	100	297	A	H
		2496.44	60.44	-13.56	74	54.71	32.3	7.91	34.48	100	297	P	H
		2483.56	46.35	-7.65	54	40.59	32.28	7.91	34.43	100	297	A	H
													H
													H
	*	2460	103.41	-	-	97.71	32.26	7.83	34.39	203	263	P	V
	*	2460	91.95	-	-	86.25	32.26	7.83	34.39	203	263	A	V
		2484.56	60.72	-13.28	74	54.96	32.28	7.91	34.43	203	263	P	V
		2483.84	46.13	-7.87	54	40.37	32.28	7.91	34.43	203	263	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	42.79	-31.21	74	56.3	34.26	11.16	58.93	100	0	P	H
		7236	46.21	-27.79	74	53.24	35.6	15.03	57.66	100	0	P	H
													H
													H
		4824	43.01	-30.99	74	56.52	34.26	11.16	58.93	100	0	P	V
		7236	47.95	-26.05	74	54.98	35.6	15.03	57.66	100	0	P	V
													V
													V
802.11n HT20 CH 06 2437MHz		4872	42.87	-31.13	74	56.19	34.3	11.21	58.83	100	0	P	H
		7308	45.77	-28.23	74	52.82	35.6	15.08	57.73	100	0	P	H
													H
													H
		4872	43.16	-30.84	74	56.48	34.3	11.21	58.83	100	0	P	V
		7308	46.72	-27.28	74	53.77	35.6	15.08	57.73	100	0	P	V
													V
													V
802.11n HT20 CH 11 2462MHz		4926	43.98	-30.02	74	57.1	34.34	11.27	58.73	100	0	P	H
		7386	45.91	-28.09	74	52.97	35.6	15.14	57.8	100	0	P	H
													H
													H
		4926	43.47	-30.53	74	56.59	34.34	11.27	58.73	100	0	P	V
		7386	47.24	-26.76	74	54.3	35.6	15.14	57.8	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		2388.39	66.17	-7.83	74	60.51	32.18	7.75	34.27	100	245	P	H
		2389.74	53.51	-0.49	54	47.85	32.18	7.75	34.27	100	245	A	H
	*	2420	100.43	-	-	94.81	32.22	7.75	34.35	100	245	P	H
	*	2420	90.15	-	-	84.53	32.22	7.75	34.35	100	245	A	H
		2487.84	60.21	-13.79	74	54.43	32.3	7.91	34.43	100	245	P	H
		2483.64	46.91	-7.09	54	41.15	32.28	7.91	34.43	100	245	A	H
		2384.52	59.2	-14.8	74	53.56	32.16	7.75	34.27	100	246	P	V
		2389.92	47.5	-6.5	54	41.87	32.18	7.75	34.3	100	246	A	V
	*	2420	91.56	-	-	85.94	32.22	7.75	34.35	100	246	P	V
	*	2420	81.35	-	-	75.73	32.22	7.75	34.35	100	246	A	V
		2495.24	59.44	-14.56	74	53.71	32.3	7.91	34.48	100	246	P	V
		2490.88	46.37	-7.63	54	40.59	32.3	7.91	34.43	100	246	A	V
802.11n HT40 CH 06 2437MHz		2388.3	62.91	-11.09	74	57.25	32.18	7.75	34.27	172	242	P	H
		2390	51.24	-2.76	54	45.61	32.18	7.75	34.3	172	242	A	H
	*	2438	105.11	-	-	99.39	32.24	7.83	34.35	172	242	P	H
	*	2438	94.91	-	-	89.19	32.24	7.83	34.35	172	242	A	H
		2483.8	66.96	-7.04	74	61.2	32.28	7.91	34.43	172	242	P	H
		2483.84	53.71	-0.29	54	47.95	32.28	7.91	34.43	172	242	A	H
		2389.65	64.47	-9.53	74	58.81	32.18	7.75	34.27	316	266	P	V
		2389.56	51.41	-2.59	54	45.75	32.18	7.75	34.27	316	266	A	V
	*	2436	104.03	-	-	98.33	32.22	7.83	34.35	316	266	P	V
	*	2436	93.61	-	-	87.91	32.22	7.83	34.35	316	266	A	V
		2490.56	63.96	-10.04	74	58.18	32.3	7.91	34.43	316	266	P	V
		2484.56	50.41	-3.59	54	44.65	32.28	7.91	34.43	316	266	A	V



802.11n HT40 CH 09 2452MHz		2337.54	59.38	-14.62	74	53.89	32.11	7.6	34.22	100	300	P	H
		2389.83	46.63	-7.37	54	41	32.18	7.75	34.3	100	300	A	H
	*	2450	101.21	-	-	95.53	32.24	7.83	34.39	100	300	P	H
	*	2450	90.85	-	-	85.17	32.24	7.83	34.39	100	300	A	H
		2484.04	61.67	-12.33	74	55.91	32.28	7.91	34.43	100	300	P	H
		2483.52	48.34	-5.66	54	42.58	32.28	7.91	34.43	100	300	A	H
		2321.61	59.38	-14.62	74	53.91	32.09	7.6	34.22	202	271	P	V
		2389.47	46.73	-7.27	54	41.07	32.18	7.75	34.27	202	271	A	V
	*	2454	100.88	-	-	95.18	32.26	7.83	34.39	202	271	P	V
	*	2454	90.52	-	-	84.82	32.26	7.83	34.39	202	271	A	V
		2487.28	61.66	-12.34	74	55.9	32.28	7.91	34.43	202	271	P	V
		2483.96	48.77	-5.23	54	43.01	32.28	7.91	34.43	202	271	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		4842	42.72	-31.28	74	56.17	34.28	11.16	58.89	100	0	P	H
		7266	45.52	-28.48	74	52.55	35.6	15.06	57.69	100	0	P	H
													H
													H
		4842	44.04	-29.96	74	57.49	34.28	11.16	58.89	100	0	P	V
		7266	46.02	-27.98	74	53.05	35.6	15.06	57.69	100	0	P	V
													V
													V
802.11n HT40 CH 06 2437MHz		4872	43.08	-30.92	74	56.4	34.3	11.21	58.83	100	0	P	H
		7308	45.83	-28.17	74	52.88	35.6	15.08	57.73	100	0	P	H
													H
													H
		4872	42.57	-31.43	74	55.89	34.3	11.21	58.83	100	0	P	V
		7308	45.5	-28.5	74	52.55	35.6	15.08	57.73	100	0	P	V
													V
													V
802.11n HT40 CH 09 2452MHz		4902	43.55	-30.45	74	56.71	34.33	11.27	58.76	100	0	P	H
		7356	45.09	-28.91	74	52.15	35.6	15.11	57.77	100	0	P	H
													H
													H
		4902	42.3	-31.7	74	55.46	34.33	11.27	58.76	100	0	P	V
		7356	46.61	-27.39	74	53.67	35.6	15.11	57.77	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 802.11b (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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11b LF		75.09	32.51	-7.49	40	54.85	6.8	2.06	31.2	121	51	P	H
		147.45	27.2	-16.3	43.5	44.47	11.22	2.61	31.1			P	H
		230.34	26.17	-19.83	46	43.99	10.22	2.96	31			P	H
		399.4	20.44	-25.56	46	31.92	15.9	3.52	30.9			P	H
		561.8	24	-22	46	30.79	19.95	4.01	30.75			P	H
		916	28.69	-17.31	46	30.45	23.77	4.8	30.33			P	H
													H
													H
													H
													H
													H
													H
		73.74	26.12	-13.88	40	48.56	6.72	2.06	31.22	102	154	P	V
		171.75	15.64	-27.86	43.5	34.55	9.54	2.61	31.06			P	V
		243.03	20.08	-25.92	46	36.42	11.7	2.96	31			P	V
		418.3	22.44	-23.56	46	33.13	16.6	3.52	30.81			P	V
		633.2	23.79	-22.21	46	29.7	20.4	4.22	30.53			P	V
		836.2	28.02	-17.98	46	30.65	23.04	4.7	30.37			P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



15C Band 4 - 5725~5850MHz

WIFI 802.11a (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)
802.11a CH 149 5745MHz	*	5744	105.67	-	-	92.27	35.24	12.33	34.17	100	317	P	H
	*	5744	95.59	-	-	82.19	35.24	12.33	34.17	100	317	A	H
													H
													H
	*	5742	99.85	-	-	86.45	35.24	12.33	34.17	200	267	P	V
	*	5742	90.27	-	-	76.87	35.24	12.33	34.17	200	267	A	V
													V
													V
802.11a CH 157 5785MHz	*	5783	105.83	-	-	92.39	35.27	12.4	34.23	100	295	P	H
	*	5783	95.55	-	-	82.11	35.27	12.4	34.23	100	295	A	H
													H
													H
	*	5787	101.07	-	-	87.62	35.28	12.4	34.23	207	267	P	V
	*	5787	90.42	-	-	76.97	35.28	12.4	34.23	207	267	A	V
													V
													V
802.11a CH 165 5825MHz	*	5823	103.73	-	-	90.25	35.3	12.45	34.27	100	294	P	H
	*	5823	94.11	-	-	80.63	35.3	12.45	34.27	100	294	A	H
													H
													H
	*	5827	98.56	-	-	85.08	35.3	12.45	34.27	205	270	P	V
	*	5827	88.94	-	-	75.46	35.3	12.45	34.27	205	270	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15C Band 4 5725~5850MHz

WIFI 802.11a (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)
802.11a CH 149 5745MHz		11490	45.01	-28.99	74	46.41	38.19	17.38	56.97	100	0	P	H
													H
													H
													H
		11490	44.61	-29.39	74	46.01	38.19	17.38	56.97	100	0	P	V
													V
													V
													V
802.11a CH 157 5785MHz		11570	45.69	-28.31	74	46.71	38.3	17.46	56.78	100	0	P	H
													H
													H
													H
		11570	45.54	-28.46	74	46.56	38.3	17.46	56.78	100	0	P	V
													V
													V
													V
802.11a CH 165 5825MHz		11650	47.57	-26.43	74	48.26	38.39	17.53	56.61	100	0	P	H
													H
													H
													H
		11650	45.87	-28.13	74	46.56	38.39	17.53	56.61	100	0	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15C Band 4 5725~5850MHz

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 149 5745MHz	*	5743	105.38	-	-	91.98	35.24	12.33	34.17	100	317	P	H
	*	5743	95.13	-	-	81.73	35.24	12.33	34.17	100	317	A	H
													H
													H
	*	5743	100.5	-	-	87.1	35.24	12.33	34.17	200	267	P	V
	*	5743	90.78	-	-	77.38	35.24	12.33	34.17	200	267	A	V
													V
													V
802.11n HT20 CH 157 5785MHz	*	5783	105.75	-	-	92.31	35.27	12.4	34.23	100	295	P	H
	*	5783	96.1	-	-	82.66	35.27	12.4	34.23	100	295	A	H
													H
													H
	*	5783	99.98	-	-	86.54	35.27	12.4	34.23	207	267	P	V
	*	5783	89.89	-	-	76.45	35.27	12.4	34.23	207	267	A	V
													V
													V
802.11n HT20 CH 165 5825MHz	*	5827	103.57	-	-	90.09	35.3	12.45	34.27	100	294	P	H
	*	5827	93.78	-	-	80.3	35.3	12.45	34.27	100	294	A	H
													H
													H
	*	5824	98.63	-	-	85.15	35.3	12.45	34.27	207	267	P	V
	*	5824	88.39	-	-	74.91	35.3	12.45	34.27	207	267	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15C Band 4 5725~5850MHz

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 149 5745MHz		11490	44.55	-29.45	74	45.95	38.19	17.38	56.97	100	0	P	H
													H
													H
													H
		11490	45.01	-28.99	74	46.41	38.19	17.38	56.97	100	0	P	V
													V
													V
													V
802.11n HT20 CH 157 5785MHz		11570	45.41	-28.59	74	46.43	38.3	17.46	56.78	100	0	P	H
													H
													H
													H
		11570	44.36	-29.64	74	45.38	38.3	17.46	56.78	100	0	P	V
													V
													V
													V
802.11n HT20 CH 165 5825MHz		11650	46.25	-27.75	74	46.94	38.39	17.53	56.61	100	0	P	H
													H
													H
													H
		11650	45.97	-28.03	74	46.66	38.39	17.53	56.61	100	0	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15C Band 4 5725~5850MHz

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 151 5755MHz	*	5752	103.02	-	-	89.6	35.26	12.33	34.17	100	296	P	H
	*	5752	93.23	-	-	79.81	35.26	12.33	34.17	100	296	A	H
													H
													H
													H
													H
	*	5753	97.45	-	-	84.03	35.26	12.33	34.17	200	269	P	V
	*	5753	87.79	-	-	74.37	35.26	12.33	34.17	200	269	A	V
													V
													V
													V
													V
802.11n HT40 CH 159 5795MHz	*	5792	101.57	-	-	88.12	35.28	12.4	34.23	100	297	P	H
	*	5792	91.83	-	-	78.38	35.28	12.4	34.23	100	297	A	H
													H
													H
													H
													H
	*	5793	97.25	-	-	83.8	35.28	12.4	34.23	218	268	P	V
	*	5793	87.01	-	-	73.56	35.28	12.4	34.23	218	268	A	V
													V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



15C Band 4 5725~5850MHz

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 151 5755MHz		11530	45.22	-28.78	74	46.49	38.22	17.42	56.91	100	0	P	H
													H
													H
													H
		11530	44.3	-29.7	74	45.57	38.22	17.42	56.91	100	0	P	V
													V
													V
													V
802.11n HT40 CH 159 5795MHz		11590	44.69	-29.31	74	45.61	38.32	17.5	56.74	100	0	P	H
													H
													H
													H
		11590	45.1	-28.9	74	46.02	38.32	17.5	56.74	100	0	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15C Band 4 5725~5850MHz

WIFI 802.11ac VHT80 (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)
802.11ac VHT80 CH 155 5775MHz	*	5773	100.23	-	-	86.83	35.27	12.33	34.2	100	296	P	H
	*	5773	89.77	-	-	76.37	35.27	12.33	34.2	100	296	A	H
													H
													H
													H
													H
	*	5772	94.64	-	-	81.24	35.27	12.33	34.2	210	268	P	V
	*	5772	84.88	-	-	71.48	35.27	12.33	34.2	210	268	A	V
													V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												

**15C Band 4 5725~5850MHz****WIFI 802.11ac VHT80 (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)
802.11ac VHT80 CH 155 5775MHz		11550	44.71	-29.29	74	45.8	38.27	17.46	56.82	100	0	P	H
													H
													H
													H
		11550	44.27	-29.73	74	45.36	38.27	17.46	56.82	100	0	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15C Emission below 1GHz

5GHz WIFI 802.11a (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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
5GHz 802.11a LF		57	16.75	-23.25	40	39.98	6.24	1.77	31.24			P	H
		114.51	18.74	-24.76	43.5	36.44	11.07	2.38	31.15			P	H
		195.78	14.78	-28.72	43.5	34.21	8.98	2.69	31.1			P	H
		640.2	23.34	-22.66	46	29.24	20.4	4.22	30.52			P	H
		866.3	26.96	-19.04	46	29.59	23.08	4.66	30.37	129	66	P	H
		965	27.9	-26.1	54	28.55	24.75	4.94	30.34			P	H
													H
													H
													H
													H
													H
													H
		79.14	17.95	-22.05	40	40.12	6.97	2.06	31.2			P	V
		156.63	14.09	-29.41	43.5	32.03	10.62	2.61	31.17			P	V
		225.21	24.65	-21.35	46	42.99	9.7	2.96	31			P	V
		445.6	23.58	-22.42	46	33.53	17.15	3.63	30.73			P	V
		714.4	23.91	-22.09	46	28.7	21.2	4.41	30.4			P	V
		935.6	27.86	-18.14	46	29.13	24.3	4.8	30.37	154	33	P	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 802.11b (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 01 2412MHz		2378.76	59.61	-14.39	74	54.04	32.16	7.68	34.27	116	294	P	H
		2388.48	46.03	-7.97	54	40.37	32.18	7.75	34.27	116	294	A	H
	*	2413.36	103.39	-	-	97.74	32.2	7.75	34.3	116	294	P	H
	*	2412.692	98.81	-	-	93.16	32.2	7.75	34.3	116	294	A	H
													H
													H
		2374.44	59.46	-14.54	74	53.89	32.16	7.68	34.27	395	236	P	V
		2388.57	45.62	-8.38	54	39.96	32.18	7.75	34.27	395	236	A	V
	*	2410.771	101.93	-	-	96.28	32.2	7.75	34.3	395	236	P	V
	*	2411.189	97.39	-	-	91.74	32.2	7.75	34.3	395	236	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 802.11b (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 01 2412MHz		4824	42.89	-31.11	74	56.4	34.26	11.16	58.93			P	H
		7236	46.01	-27.99	74	53.04	35.6	15.03	57.66			P	H
													H
													H
		4824	42.89	-31.11	74	56.4	34.26	11.16	58.93			P	V
		7236	45.38	-28.62	74	52.41	35.6	15.03	57.66			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 06 2437MHz		2379.3	62.39	-11.61	74	56.82	32.16	7.68	34.27	100	292	P	H
		2379.12	48.86	-5.14	54	43.29	32.16	7.68	34.27	100	292	A	H
	*	2426.302	106.07	-	-	100.37	32.22	7.83	34.35	100	292	P	H
	*	2428.139	95.39	-	-	89.69	32.22	7.83	34.35	100	292	A	H
		2484.2	64.11	-9.89	74	58.35	32.28	7.91	34.43	100	292	P	H
		2483.76	51.1	-2.9	54	45.34	32.28	7.91	34.43	100	292	A	H
		2383.62	60.11	-13.89	74	54.47	32.16	7.75	34.27	326	128	P	V
		2375.79	47.24	-6.76	54	41.67	32.16	7.68	34.27	326	128	A	V
	*	2428.139	101.86	-	-	96.16	32.22	7.83	34.35	326	128	P	V
	*	2427.388	91.81	-	-	86.11	32.22	7.83	34.35	326	128	A	V
		2484.8	61.31	-12.69	74	55.55	32.28	7.91	34.43	326	128	P	V
		2483.52	48.89	-5.11	54	43.13	32.28	7.91	34.43	326	128	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 06 2437MHz		4872	42.73	-31.27	74	56.05	34.3	11.21	58.83			P	H
		7308	44.06	-29.94	74	51.11	35.6	15.08	57.73			P	H
													H
													H
		4872	43.08	-30.92	74	56.4	34.3	11.21	58.83			P	V
		7308	44.67	-29.33	74	51.72	35.6	15.08	57.73			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		70.5	26.15	-13.85	40	48.89	6.48	2.06	31.28	102	147	P	H
		172.56	23.19	-20.31	43.5	42.18	9.46	2.61	31.06			P	H
		279.21	27.94	-18.06	46	42.88	12.81	3.16	30.91			P	H
		419	23.61	-22.39	46	34.24	16.65	3.52	30.8			P	H
		540.8	26.05	-19.95	46	34.08	18.72	4.01	30.76			P	H
		906.2	29.04	-16.96	46	31.17	23.38	4.8	30.31			P	H
													H
													H
													H
													H
													H
													H
		125.85	29.98	-13.52	43.5	47.02	11.68	2.38	31.1	114	157	P	V
		228.45	28.87	-17.13	46	46.89	10.02	2.96	31			P	V
		278.94	28.7	-17.3	46	43.65	12.81	3.16	30.92			P	V
		418.3	25.11	-20.89	46	35.8	16.6	3.52	30.81			P	V
		634.6	24.81	-21.19	46	30.72	20.4	4.22	30.53			P	V
		969.2	30.08	-23.92	54	30.68	24.79	4.94	30.33			P	V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



15C Band 4 - 5725~5850MHz

WIFI 802.11a (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)
802.11a CH 165 5825MHz	*	5827	106.06	-	-	92.58	35.3	12.45	34.27	100	0	P	H
	*	5827	95.02	-	-	81.54	35.3	12.45	34.27	100	0	A	H
													H
													H
													H
													H
	*	5827	101.98	-	-	88.5	35.3	12.45	34.27	124	0	P	V
	*	5827	91.39	-	-	77.91	35.3	12.45	34.27	124	0	A	V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15C Band 4 5725~5850MHz

WIFI 802.11a (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)
802.11a CH 165 5825MHz		11645	52.94	-21.06	74	53.63	38.39	17.53	56.61	100	264	P	H
		11645	42.37	-11.63	54	43.06	38.39	17.53	56.61	100	264	A	H
		17472	52.52	-21.48	74	45.21	42.03	21.53	56.25	201	52	P	H
		17472	41.04	-12.96	54	33.73	42.03	21.53	56.25	201	52	A	H
		11650	54.75	-19.25	74	55.44	38.39	17.53	56.61	100	328	P	V
		11650	44.02	-9.98	54	44.71	38.39	17.53	56.61	100	328	A	V
		17472	54.82	-19.18	74	47.51	42.03	21.53	56.25	100	15	P	V
		17472	44.19	-9.81	54	36.88	42.03	21.53	56.25	100	15	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15C Emission below 1GHz

5GHz WIFI 802.11a (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)
5GHz 802.11a LF		39.18	27.46	-12.54	40	42.45	14.44	1.77	31.2	123	60	P	H
		124.77	18.66	-24.84	43.5	35.78	11.6	2.38	31.1			P	H
		227.91	28.6	-17.4	46	46.7	9.94	2.96	31			P	H
		605.2	21.54	-24.46	46	28.3	19.75	4.08	30.59			P	H
		813.1	25.75	-20.25	46	29.17	22.29	4.62	30.33			P	H
		926.5	28.6	-17.4	46	29.97	24.18	4.8	30.35			P	H
													H
													H
													H
													H
													H
													H
		88.59	23.98	-19.52	43.5	44.56	8.46	2.06	31.1	100	321	P	V
		182.28	14.15	-29.35	43.5	33.54	8.86	2.69	30.94			P	V
		278.4	20.68	-25.32	46	35.62	12.82	3.16	30.92			P	V
		399.4	19.58	-26.42	46	31.06	15.9	3.52	30.9			P	V
		562.5	22.32	-23.68	46	29.14	19.92	4.01	30.75			P	V
		743.1	25.42	-20.58	46	29.17	22.17	4.48	30.4			P	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		2389.92	69.69	-4.31	74	64.06	32.18	7.75	34.3	100	292	P	H
		2390	53.71	-0.29	54	48.08	32.18	7.75	34.3	100	292	A	H
	*	2414	107.93	-	-	102.28	32.2	7.75	34.3	100	292	P	H
	*	2413.277	96.61	-	-	90.96	32.2	7.75	34.3	100	292	A	H
													H
													H
		2389.38	62.3	-11.7	74	56.64	32.18	7.75	34.27	311	249	P	V
		2390	48.81	-5.19	54	43.18	32.18	7.75	34.3	311	249	A	V
	*	2413	103.55	-	-	97.9	32.2	7.75	34.3	311	249	P	V
	*	2413	91.72	-	-	86.07	32.2	7.75	34.3	311	249	A	V
													V
													V
802.11n HT20 CH 06 2437MHz		2381.1	60.78	-13.22	74	55.14	32.16	7.75	34.27	101	290	P	H
		2388.39	48.32	-5.68	54	42.66	32.18	7.75	34.27	101	290	A	H
	*	2438.213	110.73	-	-	105.01	32.24	7.83	34.35	101	290	P	H
	*	2438.076	99.02	-	-	93.3	32.24	7.83	34.35	101	290	A	H
		2495	61.85	-12.15	74	56.12	32.3	7.91	34.48	101	290	P	H
		2493.52	48.25	-5.75	54	42.52	32.3	7.91	34.48	101	290	A	H
		2383.53	59.3	-14.7	74	53.66	32.16	7.75	34.27	395	161	P	V
		2388.12	46.35	-7.65	54	40.69	32.18	7.75	34.27	395	161	A	V
	*	2435.237	105.3	-	-	99.6	32.22	7.83	34.35	395	161	P	V
	*	2435.571	94	-	-	88.3	32.22	7.83	34.35	395	161	A	V
		2493.36	59.53	-14.47	74	53.8	32.3	7.91	34.48	395	161	P	V
		2483.6	46.62	-7.38	54	40.86	32.28	7.91	34.43	395	161	A	V



802.11n HT20 CH 11 2462MHz	*	2461	107.57	-	-	101.79	32.26	7.91	34.39	101	293	P	H
	*	2461	96.13	-	-	90.35	32.26	7.91	34.39	101	293	A	H
		2483.96	63.21	-10.79	74	57.45	32.28	7.91	34.43	101	293	P	H
		2483.6	49.1	-4.9	54	43.34	32.28	7.91	34.43	101	293	A	H
													H
													H
	*	2461	99.7	-	-	93.92	32.26	7.91	34.39	300	164	P	V
	*	2461.122	88.53	-	-	82.75	32.26	7.91	34.39	300	164	A	V
		2496.84	59.61	-14.39	74	53.88	32.3	7.91	34.48	300	164	P	V
		2484.48	46.6	-7.4	54	40.84	32.28	7.91	34.43	300	164	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	42.78	-31.22	74	56.29	34.26	11.16	58.93	100	0	P	H
		7236	47.25	-26.75	74	54.28	35.6	15.03	57.66	100	0	P	H
													H
													H
		4824	43.54	-30.46	74	57.05	34.26	11.16	58.93	100	0	P	V
		7236	46.07	-27.93	74	53.1	35.6	15.03	57.66	100	0	P	V
													V
													V
802.11n HT20 CH 06 2437MHz		4872	43.23	-30.77	74	56.55	34.3	11.21	58.83	100	0	P	H
		7311	47.67	-26.33	74	54.72	35.6	15.08	57.73	100	0	P	H
													H
													H
		4872	43.19	-30.81	74	56.51	34.3	11.21	58.83	100	0	P	V
		7311	45.76	-28.24	74	52.81	35.6	15.08	57.73	100	0	P	V
													V
													V
802.11n HT20 CH 11 2462MHz		4926	42.63	-31.37	74	55.75	34.34	11.27	58.73	100	0	P	H
		7386	47.87	-26.13	74	54.93	35.6	15.14	57.8	100	0	P	H
													H
													H
		4926	42.7	-31.3	74	55.82	34.34	11.27	58.73	100	0	P	V
		7386	45.84	-28.16	74	52.9	35.6	15.14	57.8	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		2389.38	65.71	-8.29	74	60.05	32.18	7.75	34.27	100	291	P	H
		2389.38	53.74	-0.26	54	48.08	32.18	7.75	34.27	100	291	A	H
	*	2424	102.82	-	-	97.12	32.22	7.83	34.35	100	291	P	H
	*	2420	91.56	-	-	85.94	32.22	7.75	34.35	100	291	A	H
		2490.48	60.17	-13.83	74	54.39	32.3	7.91	34.43	100	291	P	H
		2484.56	47.25	-6.75	54	41.49	32.28	7.91	34.43	100	291	A	H
		2388.93	63.47	-10.53	74	57.81	32.18	7.75	34.27	311	271	P	V
		2389.56	52.33	-1.67	54	46.67	32.18	7.75	34.27	311	271	A	V
	*	2423	99.54	-	-	93.84	32.22	7.83	34.35	311	271	P	V
	*	2423	88.69	-	-	82.99	32.22	7.83	34.35	311	271	A	V
		2484.96	59.72	-14.28	74	53.96	32.28	7.91	34.43	311	271	P	V
		2485.68	47.31	-6.69	54	41.55	32.28	7.91	34.43	311	271	A	V
802.11n HT40 CH 06 2437MHz		2387.76	62.5	-11.5	74	56.84	32.18	7.75	34.27	100	294	P	H
		2389.74	50.82	-3.18	54	45.16	32.18	7.75	34.27	100	294	A	H
	*	2436	107.11	-	-	101.41	32.22	7.83	34.35	100	294	P	H
	*	2436	96.29	-	-	90.59	32.22	7.83	34.35	100	294	A	H
		2484.32	66.12	-7.88	74	60.36	32.28	7.91	34.43	100	294	P	H
		2483.56	52.44	-1.56	54	46.68	32.28	7.91	34.43	100	294	A	H
		2348.88	59.63	-14.37	74	54.09	32.11	7.68	34.25	381	242	P	V
		2389.74	47.63	-6.37	54	41.97	32.18	7.75	34.27	381	242	A	V
	*	2438	99.89	-	-	94.17	32.24	7.83	34.35	381	242	P	V
	*	2438	89.07	-	-	83.35	32.24	7.83	34.35	381	242	A	V
		2488.08	60.98	-13.02	74	55.2	32.3	7.91	34.43	381	242	P	V
		2484.08	48.65	-5.35	54	42.89	32.28	7.91	34.43	381	242	A	V



802.11n HT40 CH 09 2452MHz		2379.93	60.11	-13.89	74	54.54	32.16	7.68	34.27	100	297	P	H
		2387.4	47.07	-6.93	54	41.41	32.18	7.75	34.27	100	297	A	H
	*	2453	104	-	-	98.32	32.24	7.83	34.39	100	297	P	H
	*	2453	92.36	-	-	86.68	32.24	7.83	34.39	100	297	A	H
		2483.92	63.49	-10.51	74	57.73	32.28	7.91	34.43	100	297	P	H
		2484.6	50	-4	54	44.24	32.28	7.91	34.43	100	297	A	H
		2315.67	59.62	-14.38	74	54.17	32.07	7.6	34.22	314	256	P	V
		2388.3	46.92	-7.08	54	41.26	32.18	7.75	34.27	314	256	A	V
	*	2451	100.34	-	-	94.66	32.24	7.83	34.39	314	256	P	V
	*	2451	89.78	-	-	84.1	32.24	7.83	34.39	314	256	A	V
		2484.16	62.09	-11.91	74	56.33	32.28	7.91	34.43	314	256	P	V
		2484.48	48.3	-5.7	54	42.54	32.28	7.91	34.43	314	256	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		4842	43.78	-30.22	74	57.23	34.28	11.16	58.89	100	0	P	H
		7266	45.56	-28.44	74	52.59	35.6	15.06	57.69	100	0	P	H
													H
													H
		4842	43.22	-30.78	74	56.67	34.28	11.16	58.89	100	0	P	V
		7266	45.34	-28.66	74	52.37	35.6	15.06	57.69	100	0	P	V
													V
													V
802.11n HT40 CH 06 2437MHz		4872	42.45	-31.55	74	55.77	34.3	11.21	58.83	100	0	P	H
		7308	45.65	-28.35	74	52.7	35.6	15.08	57.73	100	0	P	H
													H
													H
		4872	42.46	-31.54	74	55.78	34.3	11.21	58.83	100	0	P	V
		7308	45.11	-28.89	74	52.16	35.6	15.08	57.73	100	0	P	V
													V
													V
802.11n HT40 CH 09 2452MHz		4904	43.54	-30.46	74	56.7	34.33	11.27	58.76	100	0	P	H
		7356	46.05	-27.95	74	53.11	35.6	15.11	57.77	100	0	P	H
													H
													H
		4904	42.27	-31.73	74	55.43	34.33	11.27	58.76	100	0	P	V
		7356	45.43	-28.57	74	52.49	35.6	15.11	57.77	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.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11n HT40 LF		74.28	25.5	-14.5	40	47.84	6.8	2.06	31.2	107	45	P	H
		166.35	23.01	-20.49	43.5	41.78	9.76	2.61	31.14			P	H
		279.48	27.48	-18.52	46	42.42	12.81	3.16	30.91			P	H
		454	24.07	-21.93	46	33.87	17.34	3.63	30.77			P	H
		729.8	27.13	-18.87	46	31.17	21.95	4.41	30.4			P	H
		864.2	27.91	-18.09	46	30.5	23.12	4.66	30.37			P	H
													H
													H
													H
													H
													H
													H
		75.36	26.76	-13.24	40	49.07	6.83	2.06	31.2	111	231	P	V
		165.54	19.79	-23.71	43.5	38.55	9.78	2.61	31.15			P	V
		229.8	27.55	-18.45	46	45.49	10.1	2.96	31			P	V
		540.8	25.63	-20.37	46	33.66	18.72	4.01	30.76			P	V
		741.7	26.97	-19.03	46	30.71	22.18	4.48	30.4			P	V
		932.1	29.83	-16.17	46	31.09	24.3	4.8	30.36			P	V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



15C Band 4 5725~5850MHz

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 149 5745MHz	*	5742	107.21	-	-	93.81	35.24	12.33	34.17	100	316	P	H
	*	5742	96.96	-	-	83.56	35.24	12.33	34.17	100	316	A	H
													H
													H
	*	5744	100.65	-	-	87.25	35.24	12.33	34.17	200	268	P	V
	*	5744	100.92	-	-	87.52	35.24	12.33	34.17	200	268	A	V
													V
													V
802.11n HT20 CH 157 5785MHz	*	5782	105.27	-	-	91.83	35.27	12.4	34.23	100	316	P	H
	*	5782	94.82	-	-	81.38	35.27	12.4	34.23	100	316	A	H
													H
													H
	*	5784	102.82	-	-	89.38	35.27	12.4	34.23	230	267	P	V
	*	5784	93.27	-	-	79.83	35.27	12.4	34.23	230	267	A	V
													V
													V
802.11n HT20 CH 165 5825MHz	*	5828	106.39	-	-	92.91	35.3	12.45	34.27	100	1	P	H
	*	5828	96.04	-	-	82.56	35.3	12.45	34.27	100	1	A	H
													H
													H
	*	5824	99.81	-	-	86.33	35.3	12.45	34.27	200	268	P	V
	*	5824	90.1	-	-	76.62	35.3	12.45	34.27	200	268	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15C Band 4 5725~5850MHz

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 149 5745MHz		11490	50.69	-23.31	74	52.09	38.19	17.38	56.97	100	0	P	H
													H
													H
													H
		11490	51.39	-22.61	74	52.79	38.19	17.38	56.97	100	0	P	V
													V
													V
													V
802.11n HT20 CH 157 5785MHz		11570	49.17	-24.83	74	50.19	38.3	17.46	56.78	400	0	P	H
													H
													H
													H
		11570	51.72	-22.28	74	52.74	38.3	17.46	56.78	400	0	P	V
													V
													V
													V
802.11n HT20 CH 165 5825MHz		11650	49.64	-24.36	74	50.33	38.39	17.53	56.61	100	0	P	H
													H
													H
													H
		11650	50.12	-23.88	74	50.81	38.39	17.53	56.61	100	0	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15C Band 4 5725~5850MHz

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 151 5755MHz	*	5757	103.04	-	-	89.65	35.26	12.33	34.2	100	317	P	H
	*	5757	92.94	-	-	79.55	35.26	12.33	34.2	100	317	A	H
													H
													H
													H
													H
	*	5758	97.82	-	-	84.43	35.26	12.33	34.2	200	266	P	V
	*	5758	88	-	-	74.61	35.26	12.33	34.2	200	266	A	V
													V
													V
													V
													V
802.11n HT40 CH 159 5795MHz	*	5797	102.2	-	-	88.75	35.28	12.4	34.23	100	317	P	H
	*	5797	92	-	-	78.55	35.28	12.4	34.23	100	317	A	H
													H
													H
													H
													H
	*	5792	98.67	-	-	85.22	35.28	12.4	34.23	230	265	P	V
	*	5792	88.98	-	-	75.53	35.28	12.4	34.23	230	265	A	V
													V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



15C Band 4 5725~5850MHz

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 151 5755MHz		11510	48.21	-25.79	74	49.54	38.2	17.42	56.95	100	0	P	H
													H
													H
													H
		11510	48.41	-25.59	74	49.74	38.2	17.42	56.95	100	0	P	V
													V
													V
													V
802.11n HT40 CH 159 5795MHz		11590	46.89	-27.11	74	47.81	38.32	17.5	56.74	100	0	P	H
													H
													H
													H
		11590	50.12	-23.88	74	51.04	38.32	17.5	56.74	100	0	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15C Band 4 5725~5850MHz

WIFI 802.11ac VHT80 (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)
802.11ac VHT80 CH 155 5775MHz	*	5777	89.36	-	-	75.96	35.27	12.33	34.2	100	297	QP	H
	*	5777	100.7	-	-	87.3	35.27	12.33	34.2	100	297	P	H
													H
													H
													H
													H
	*	5772	94.46	-	-	81.06	35.27	12.33	34.2	222	257	P	V
	*	5772	83.93	-	-	70.53	35.27	12.33	34.2	222	257	A	V
													V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												

**15C Band 4 5725~5850MHz****WIFI 802.11ac VHT80 (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)
802.11ac VHT80 CH 155 5775MHz		11550	44.65	-29.35	74	45.74	38.27	17.46	56.82	100	0	P	H
													H
													H
													H
		11550	44.69	-29.31	74	45.78	38.27	17.46	56.82	100	0	P	V
													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)

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 802.11n HT20 LF		42.69	23.92	-16.08	40	41.45	11.9	1.77	31.2	120	211	P	H
		143.4	14.74	-28.76	43.5	31.73	11.5	2.61	31.1			P	H
		217.38	18.81	-27.19	46	37.88	9.27	2.69	31.03			P	H
		629	24.46	-21.54	46	30.4	20.38	4.22	30.54			P	H
		785.8	24.81	-21.19	46	28.57	21.95	4.62	30.33			P	H
		930.7	28.28	-17.72	46	29.54	24.3	4.8	30.36			P	H
													H
													H
													H
													H
													H
													H
		126.66	15.07	-28.43	43.5	32.03	11.76	2.38	31.1			P	V
		207.39	16.44	-27.06	43.5	35.68	9.17	2.69	31.1			P	V
		273.27	17.77	-28.23	46	32.71	12.86	3.16	30.96			P	V
		517	20.75	-25.25	46	29.43	18.1	3.89	30.67			P	V
		654.2	23.84	-22.16	46	29.76	20.35	4.22	30.49			P	V
		912.5	26.24	-19.76	46	28.12	23.64	4.8	30.32	215	33	P	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”.