



Appendix B. Radiated Spurious Emission

Test Engineer :	JC Liang and Jacky Hung	Temperature :	20~23°C
		Relative Humidity :	58~63%

Band 1 - 5150~5250MHz

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 36 5180MHz		5128.96	58.26	-15.74	74	48.83	31.71	11.19	33.47	185	78	P	H
		5148.98	47.66	-6.34	54	38.23	31.72	11.18	33.47	185	78	A	H
	*	5180	104.92	-	-	95.46	31.75	11.18	33.47	185	78	P	H
	*	5180	98.33	-	-	88.87	31.75	11.18	33.47	185	78	A	H
													H
													H
		5148.46	59.26	-14.74	74	49.83	31.72	11.18	33.47	185	333	P	V
		5149.5	48.28	-5.72	54	38.85	31.72	11.18	33.47	185	333	A	V
	*	5180	103.97	-	-	94.51	31.75	11.18	33.47	185	333	P	V
	*	5180	97.07	-	-	87.61	31.75	11.18	33.47	185	333	A	V
													V
													V
802.11a CH 44 5220MHz		5015.34	50.34	-23.66	74	40.96	31.61	11.24	33.47	178	79	P	H
		5120.9	41.98	-12.02	54	32.57	31.69	11.19	33.47	178	79	A	H
	*	5220	103.33	-	-	93.86	31.77	11.17	33.47	178	79	P	H
	*	5220	96.25	-	-	86.78	31.77	11.17	33.47	178	79	A	H
		5351.28	50.42	-23.58	74	40.74	31.88	11.28	33.48	178	79	P	H
		5417.28	41.44	-12.56	54	31.68	31.93	11.31	33.48	178	79	A	H
		5117.26	50.71	-23.29	74	41.3	31.69	11.19	33.47	181	334	P	V
		5117.52	41.63	-12.37	54	32.22	31.69	11.19	33.47	181	334	A	V
	*	5220	102.73	-	-	93.26	31.77	11.17	33.47	181	334	P	V
	*	5220	95.23	-	-	85.76	31.77	11.17	33.47	181	334	A	V
		5435.28	49.57	-24.43	74	39.76	31.95	11.34	33.48	181	334	P	V
		5411.76	41.23	-12.77	54	31.47	31.93	11.31	33.48	181	334	A	V



802.11a CH 48 5240MHz		5144.04	49.51	-24.49	74	40.08	31.72	11.18	33.47	193	77	P	H
		5129.22	41.73	-12.27	54	32.3	31.71	11.19	33.47	193	77	A	H
	*	5240	103.78	-	-	94.27	31.79	11.19	33.47	193	77	P	H
	*	5240	96.05	-	-	86.54	31.79	11.19	33.47	193	77	A	H
		5454.48	50.23	-23.77	74	40.41	31.96	11.34	33.48	193	77	P	H
		5434.8	41.52	-12.48	54	31.71	31.95	11.34	33.48	193	77	A	H
		5045.76	51.08	-22.92	74	41.69	31.64	11.22	33.47	184	334	P	V
		5132.6	41.46	-12.54	54	32.03	31.71	11.19	33.47	184	334	A	V
	*	5240	102.85	-	-	93.34	31.79	11.19	33.47	184	334	P	V
	*	5240	95.44	-	-	85.93	31.79	11.19	33.47	184	334	A	V
		5352.48	50.5	-23.5	74	40.82	31.88	11.28	33.48	184	334	P	V
		5434.56	41.68	-12.32	54	31.87	31.95	11.34	33.48	184	334	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	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)
802.11a CH 36 5180MHz		10360	42.44	-31.56	74	38.81	39.69	15.02	51.08	100	0	P	H
		15540	46.56	-27.44	74	41.98	38.22	18.16	51.8	100	0	P	H
													H
													H
		10360	42.5	-31.5	74	38.87	39.69	15.02	51.08	100	0	P	V
		15540	45.87	-28.13	74	41.29	38.22	18.16	51.8	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	42.51	-31.49	74	38.8	39.79	15.08	51.16	100	0	P	H
		15660	46.93	-27.07	74	42.54	37.96	18.23	51.8	100	0	P	H
													H
													H
		10440	42.06	-31.94	74	38.35	39.79	15.08	51.16	100	0	P	V
		15660	45.98	-28.02	74	41.59	37.96	18.23	51.8	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	42.66	-31.34	74	38.88	39.87	15.11	51.2	100	0	P	H
		15720	46.15	-27.85	74	41.86	37.81	18.28	51.8	100	0	P	H
													H
													H
		10480	42.4	-31.6	74	38.62	39.87	15.11	51.2	100	0	P	V
		15720	45.14	-28.86	74	40.85	37.81	18.28	51.8	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	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 36 5180MHz		5148.98	59.29	-14.71	74	49.86	31.72	11.18	33.47	186	79	P	H
		5147.94	45.8	-8.2	54	36.37	31.72	11.18	33.47	186	79	A	H
	*	5180	104.44	-	-	94.98	31.75	11.18	33.47	186	79	P	H
	*	5180	96.44	-	-	86.98	31.75	11.18	33.47	186	79	A	H
													H
													H
		5148.98	60.76	-13.24	74	51.33	31.72	11.18	33.47	196	335	P	V
		5147.94	45.15	-8.85	54	35.72	31.72	11.18	33.47	196	335	A	V
	*	5180	103.35	-	-	93.89	31.75	11.18	33.47	196	335	P	V
	*	5180	95.24	-	-	85.78	31.75	11.18	33.47	196	335	A	V
													V
													V
802.11n HT20 CH 44 5220MHz		5113.88	50.91	-23.09	74	41.5	31.69	11.19	33.47	182	78	P	H
		5125.84	41.79	-12.21	54	32.36	31.71	11.19	33.47	182	78	A	H
	*	5220	101.72	-	-	92.25	31.77	11.17	33.47	182	78	P	H
	*	5220	95.12	-	-	85.65	31.77	11.17	33.47	182	78	A	H
		5417.76	51.4	-22.6	74	41.64	31.93	11.31	33.48	182	78	P	H
		5415.36	41.33	-12.67	54	31.57	31.93	11.31	33.48	182	78	A	H
		5148.46	51.19	-22.81	74	41.76	31.72	11.18	33.47	196	335	P	V
		5119.34	41.75	-12.25	54	32.34	31.69	11.19	33.47	196	335	A	V
	*	5220	101.83	-	-	92.36	31.77	11.17	33.47	196	335	P	V
	*	5220	94.68	-	-	85.21	31.77	11.17	33.47	196	335	A	V
		5455.44	49.02	-24.98	74	39.2	31.96	11.34	33.48	196	335	P	V
		5415.12	41.04	-12.96	54	31.28	31.93	11.31	33.48	196	335	A	V



802.11n HT20 CH 48 5240MHz		5030.42	50.27	-23.73	74	40.89	31.63	11.22	33.47	193	77	P	H
		5136.24	41.59	-12.41	54	32.16	31.71	11.19	33.47	193	77	A	H
	*	5240	102.68	-	-	93.17	31.79	11.19	33.47	193	77	P	H
	*	5240	94.86	-	-	85.35	31.79	11.19	33.47	193	77	A	H
		5458.56	50.55	-23.45	74	40.73	31.96	11.34	33.48	193	77	P	H
		5433.36	41.44	-12.56	54	31.63	31.95	11.34	33.48	193	77	A	H
		5045.24	50.92	-23.08	74	41.53	31.64	11.22	33.47	195	335	P	V
		5063.44	41.5	-12.5	54	32.11	31.65	11.21	33.47	195	335	A	V
	*	5240	101.02	-	-	91.51	31.79	11.19	33.47	195	335	P	V
	*	5240	94.12	-	-	84.61	31.79	11.19	33.47	195	335	A	V
		5435.28	51.16	-22.84	74	41.35	31.95	11.34	33.48	195	335	P	V
		5435.04	41.13	-12.87	54	31.32	31.95	11.34	33.48	195	335	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	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 36 5180MHz		10360	41.23	-32.77	74	37.6	39.69	15.02	51.08	100	0	P	H
		15540	44.66	-29.34	74	40.08	38.22	18.16	51.8	100	0	P	H
													H
													H
		10360	41.8	-32.2	74	38.17	39.69	15.02	51.08	100	0	P	V
		15540	43.47	-30.53	74	38.89	38.22	18.16	51.8	100	0	P	V
													V
													V
802.11n HT20 CH 44 5220MHz		10440	41.92	-32.08	74	38.21	39.79	15.08	51.16	100	0	P	H
		15660	44.69	-29.31	74	40.3	37.96	18.23	51.8	100	0	P	H
													H
													H
		10440	41.67	-32.33	74	37.96	39.79	15.08	51.16	100	0	P	V
		15660	44.62	-29.38	74	40.23	37.96	18.23	51.8	100	0	P	V
													V
													V
802.11n HT20 CH 48 5240MHz		10480	41.52	-32.48	74	37.74	39.87	15.11	51.2	100	0	P	H
		15720	44.63	-29.37	74	40.34	37.81	18.28	51.8	100	0	P	H
													H
													H
		10480	41.51	-32.49	74	37.73	39.87	15.11	51.2	100	0	P	V
		15720	43.57	-30.43	74	39.28	37.81	18.28	51.8	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	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 38 5190MHz		5149.76	59.15	-14.85	74	49.72	31.72	11.18	33.47	195	86	P	H
		5149.5	49.48	-4.52	54	40.05	31.72	11.18	33.47	195	86	A	H
	*	5190	99.81	-	-	90.36	31.75	11.17	33.47	195	86	P	H
	*	5190	92.87	-	-	83.42	31.75	11.17	33.47	195	86	A	H
		5407.44	51.11	-22.89	74	41.36	31.92	11.31	33.48	195	86	P	H
		5352.72	41.64	-12.36	54	31.96	31.88	11.28	33.48	195	86	A	H
		5143.78	62.86	-11.14	74	53.43	31.72	11.18	33.47	227	337	P	V
		5150	50.99	-3.01	54	41.56	31.72	11.18	33.47	227	337	A	V
	*	5190	100.33	-	-	90.88	31.75	11.17	33.47	227	337	P	V
	*	5190	92.77	-	-	83.32	31.75	11.17	33.47	227	337	A	V
		5441.28	49.24	-24.76	74	39.43	31.95	11.34	33.48	227	337	P	V
		5454.72	41.41	-12.59	54	31.59	31.96	11.34	33.48	227	337	A	V
802.11n HT40 CH 46 5230MHz		5000.78	51.27	-22.73	74	41.9	31.6	11.24	33.47	178	78	P	H
		5123.24	43.25	-10.75	54	33.82	31.71	11.19	33.47	178	78	A	H
	*	5230	100.88	-	-	91.37	31.79	11.19	33.47	178	78	P	H
	*	5230	94	-	-	84.49	31.79	11.19	33.47	178	78	A	H
		5375.28	50.69	-23.31	74	41	31.89	11.28	33.48	178	78	P	H
		5390.16	42.35	-11.65	54	32.61	31.91	11.31	33.48	178	78	A	H
		5133.64	50.69	-23.31	74	41.26	31.71	11.19	33.47	234	337	P	V
		5140.4	42.97	-11.03	54	33.54	31.72	11.18	33.47	234	337	A	V
	*	5230	100.12	-	-	90.61	31.79	11.19	33.47	234	337	P	V
	*	5230	93.42	-	-	83.91	31.79	11.19	33.47	234	337	A	V
		5396.16	50	-24	74	40.25	31.92	11.31	33.48	234	337	P	V
		5405.52	41.67	-12.33	54	31.92	31.92	11.31	33.48	234	337	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	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 38 5190MHz		10380	42.05	-31.95	74	38.44	39.71	15.02	51.12	100	0	P	H
		15570	44.56	-29.44	74	40.02	38.15	18.19	51.8	100	0	P	H
													H
													H
		10380	43.58	-30.42	74	39.97	39.71	15.02	51.12	100	0	P	V
		15570	43.1	-30.9	74	38.56	38.15	18.19	51.8	100	0	P	V
													V
													V
802.11n HT40 CH 46 5230MHz		10460	41.55	-32.45	74	37.85	39.82	15.08	51.2	100	0	P	H
		15690	41.16	-32.84	74	36.82	37.88	18.26	51.8	100	0	P	H
													H
													H
		10460	42.13	-31.87	74	38.43	39.82	15.08	51.2	100	0	P	V
		15690	41.44	-32.56	74	37.1	37.88	18.26	51.8	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 - 5250~5350MHz

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 52 5260MHz		5070.2	50.01	-23.99	74	40.62	31.65	11.21	33.47	179	78	P	H
		5089.18	41.34	-12.66	54	31.92	31.68	11.21	33.47	179	78	A	H
	*	5260	103.83	-	-	94.31	31.81	11.19	33.48	179	78	P	H
	*	5260	95.84	-	-	86.32	31.81	11.19	33.48	179	78	A	H
		5452.56	51.43	-22.57	74	41.61	31.96	11.34	33.48	179	78	P	H
		5370.72	41.81	-12.19	54	32.12	31.89	11.28	33.48	179	78	A	H
		5022.1	50.64	-23.36	74	41.26	31.63	11.22	33.47	192	335	P	V
		5109.2	41.4	-12.6	54	31.99	31.69	11.19	33.47	192	335	A	V
	*	5260	103.02	-	-	93.5	31.81	11.19	33.48	192	335	P	V
	*	5260	95.04	-	-	85.52	31.81	11.19	33.48	192	335	A	V
		5365.44	50.29	-23.71	74	40.6	31.89	11.28	33.48	192	335	P	V
		5366.16	41.33	-12.67	54	31.64	31.89	11.28	33.48	192	335	A	V
802.11a CH 60 5300MHz		5136.76	49.89	-24.11	74	40.46	31.71	11.19	33.47	205	77	P	H
		5061.1	41.35	-12.65	54	31.96	31.65	11.21	33.47	205	77	A	H
	*	5300	103.55	-	-	93.97	31.84	11.22	33.48	205	77	P	H
	*	5300	96.07	-	-	86.49	31.84	11.22	33.48	205	77	A	H
		5350.56	51.99	-22.01	74	42.31	31.88	11.28	33.48	205	77	P	H
		5350.56	43.62	-10.38	54	33.94	31.88	11.28	33.48	205	77	A	H
		5010.92	49.68	-24.32	74	40.3	31.61	11.24	33.47	191	335	P	V
		5070.72	41.41	-12.59	54	32.02	31.65	11.21	33.47	191	335	A	V
	*	5300	103.13	-	-	93.55	31.84	11.22	33.48	191	335	P	V
	*	5300	95.62	-	-	86.04	31.84	11.22	33.48	191	335	A	V
		5364.48	52.77	-21.23	74	43.08	31.89	11.28	33.48	191	335	P	V
		5350.56	43.87	-10.13	54	34.19	31.88	11.28	33.48	191	335	A	V



802.11a CH 64 5320MHz	*	5320	104.61	-	-	94.99	31.85	11.25	33.48	183	78	P	H
	*	5320	96.41	-	-	86.79	31.85	11.25	33.48	183	78	A	H
		5369.44	60.73	-13.27	74	51.04	31.89	11.28	33.48	183	78	P	H
		5353.92	46.58	-7.42	54	36.9	31.88	11.28	33.48	183	78	A	H
													H
													H
	*	5320	102.28	-	-	92.66	31.85	11.25	33.48	190	335	P	V
	*	5320	94.99	-	-	85.37	31.85	11.25	33.48	190	335	A	V
		5375.52	57.67	-16.33	74	47.98	31.89	11.28	33.48	190	335	P	V
		5350.24	45.44	-8.56	54	35.76	31.88	11.28	33.48	190	335	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	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)
802.11a CH 52 5260MHz		10520	42.29	-31.71	74	38.49	39.91	15.13	51.24	100	0	P	H
		15780	43.06	-30.94	74	38.87	37.69	18.3	51.8	100	0	P	H
													H
													H
		10520	42.39	-31.61	74	38.59	39.91	15.13	51.24	100	0	P	V
		15780	42.09	-31.91	74	37.9	37.69	18.3	51.8	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	41.3	-32.7	74	37.34	39.98	15.19	51.21	100	0	P	H
		15900	45.01	-28.99	74	41.01	37.43	18.37	51.8	100	0	P	H
													H
													H
		10600	41.66	-32.34	74	37.7	39.98	15.19	51.21	100	0	P	V
		15900	43.26	-30.74	74	39.26	37.43	18.37	51.8	100	0	P	V
													V
													V
802.11a CH 64 5320MHz		10640	41.02	-32.98	74	36.98	40.01	15.22	51.19	100	0	P	H
		15960	45.71	-28.29	74	41.81	37.28	18.42	51.8	100	0	P	H
													H
													H
		10640	41.53	-32.47	74	37.49	40.01	15.22	51.19	100	0	P	V
		15960	44.26	-29.74	74	40.36	37.28	18.42	51.8	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	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 52 5260MHz		5104.52	50.4	-23.6	74	41	31.68	11.19	33.47	180	78	P	H
		5101.92	41.39	-12.61	54	31.99	31.68	11.19	33.47	180	78	A	H
	*	5260	102.01	-	-	92.49	31.81	11.19	33.48	180	78	P	H
	*	5260	94.64	-	-	85.12	31.81	11.19	33.48	180	78	A	H
		5390.4	50.09	-23.91	74	40.35	31.91	11.31	33.48	180	78	P	H
		5457.84	41.55	-12.45	54	31.73	31.96	11.34	33.48	180	78	A	H
		5006.5	51.86	-22.14	74	42.48	31.61	11.24	33.47	205	336	P	V
		5037.18	41.33	-12.67	54	31.95	31.63	11.22	33.47	205	336	A	V
	*	5260	101.94	-	-	92.42	31.81	11.19	33.48	205	336	P	V
	*	5260	94.01	-	-	84.49	31.81	11.19	33.48	205	336	A	V
		5382.24	49.85	-24.15	74	40.11	31.91	11.31	33.48	205	336	P	V
		5453.28	41.08	-12.92	54	31.26	31.96	11.34	33.48	205	336	A	V
802.11n HT20 CH 60 5300MHz		5036.14	50.17	-23.83	74	40.79	31.63	11.22	33.47	202	78	P	H
		5021.84	41.42	-12.58	54	32.04	31.63	11.22	33.47	202	78	A	H
	*	5300	103.73	-	-	94.15	31.84	11.22	33.48	202	78	P	H
	*	5300	95.46	-	-	85.88	31.84	11.22	33.48	202	78	A	H
		5356.32	51.6	-22.4	74	41.92	31.88	11.28	33.48	202	78	P	H
		5350.56	43.52	-10.48	54	33.84	31.88	11.28	33.48	202	78	A	H
		5091.78	49.9	-24.1	74	40.48	31.68	11.21	33.47	190	334	P	V
		5026.26	41.28	-12.72	54	31.9	31.63	11.22	33.47	190	334	A	V
	*	5300	101.18	-	-	91.6	31.84	11.22	33.48	190	334	P	V
	*	5300	94.16	-	-	84.58	31.84	11.22	33.48	190	334	A	V
		5416.32	50.04	-23.96	74	40.28	31.93	11.31	33.48	190	334	P	V
		5353.68	42.74	-11.26	54	33.06	31.88	11.28	33.48	190	334	A	V



802.11n HT20 CH 64 5320MHz	*	5320	102.74	-	-	93.12	31.85	11.25	33.48	190	77	P	H
	*	5320	95.27	-	-	85.65	31.85	11.25	33.48	190	77	A	H
		5354.4	53.49	-20.51	74	43.81	31.88	11.28	33.48	190	77	P	H
		5350.72	44.66	-9.34	54	34.98	31.88	11.28	33.48	190	77	A	H
													H
													H
	*	5320	102.36	-	-	92.74	31.85	11.25	33.48	200	335	P	V
	*	5320	94.17	-	-	84.55	31.85	11.25	33.48	200	335	A	V
		5351.84	54	-20	74	44.32	31.88	11.28	33.48	200	335	P	V
		5357.44	44.06	-9.94	54	34.38	31.88	11.28	33.48	200	335	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	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 52 5260MHz		10520	41.6	-32.4	74	37.8	39.91	15.13	51.24	100	0	P	H
		15780	41.86	-32.14	74	37.67	37.69	18.3	51.8	100	0	P	H
													H
													H
		10520	41.67	-32.33	74	37.87	39.91	15.13	51.24	100	0	P	V
		15780	42	-32	74	37.81	37.69	18.3	51.8	100	0	P	V
													V
													V
802.11n HT20 CH 60 5300MHz		10600	41.67	-32.33	74	37.71	39.98	15.19	51.21	100	0	P	H
		15900	40.64	-33.36	74	36.64	37.43	18.37	51.8	100	0	P	H
													H
													H
		10600	41.42	-32.58	74	37.46	39.98	15.19	51.21	100	0	P	V
		15900	40.83	-33.17	74	36.83	37.43	18.37	51.8	100	0	P	V
													V
													V
802.11n HT20 CH 64 5320MHz		10640	40.75	-33.25	74	36.71	40.01	15.22	51.19	100	0	P	H
		15960	41.99	-32.01	74	38.09	37.28	18.42	51.8	100	0	P	H
													H
													H
		10640	40.93	-33.07	74	36.89	40.01	15.22	51.19	100	0	P	V
		15960	41.57	-32.43	74	37.67	37.28	18.42	51.8	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	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 54 5270MHz		5006.76	49.9	-24.1	74	40.52	31.61	11.24	33.47	175	79	P	H
		5040.04	42.41	-11.59	54	33.02	31.64	11.22	33.47	175	79	A	H
	*	5270	101.5	-	-	91.95	31.81	11.22	33.48	175	79	P	H
	*	5270	94.55	-	-	85	31.81	11.22	33.48	175	79	A	H
		5376	52.16	-21.84	74	42.47	31.89	11.28	33.48	175	79	P	H
		5373.6	44.22	-9.78	54	34.53	31.89	11.28	33.48	175	79	A	H
		5126.88	49.94	-24.06	74	40.51	31.71	11.19	33.47	219	337	P	V
		5113.1	42.52	-11.48	54	33.11	31.69	11.19	33.47	219	337	A	V
	*	5270	100.6	-	-	91.05	31.81	11.22	33.48	219	337	P	V
	*	5270	93.59	-	-	84.04	31.81	11.22	33.48	219	337	A	V
		5351.76	50.36	-23.64	74	40.68	31.88	11.28	33.48	219	337	P	V
		5359.2	42.86	-11.14	54	33.18	31.88	11.28	33.48	219	337	A	V
802.11n HT40 CH 62 5310MHz		5029.38	49.43	-24.57	74	40.05	31.63	11.22	33.47	173	78	P	H
		5066.56	42.4	-11.6	54	33.01	31.65	11.21	33.47	173	78	A	H
	*	5310	101.76	-	-	92.14	31.85	11.25	33.48	173	78	P	H
	*	5310	94.43	-	-	84.81	31.85	11.25	33.48	173	78	A	H
		5354.16	57.38	-16.62	74	47.7	31.88	11.28	33.48	173	78	P	H
		5352.48	48	-6	54	38.32	31.88	11.28	33.48	173	78	A	H
		5068.38	49.68	-24.32	74	40.29	31.65	11.21	33.47	177	334	P	V
		5037.44	42.29	-11.71	54	32.91	31.63	11.22	33.47	177	334	A	V
	*	5310	100.58	-	-	90.96	31.85	11.25	33.48	177	334	P	V
	*	5310	93.37	-	-	83.75	31.85	11.25	33.48	177	334	A	V
		5357.28	60.79	-13.21	74	51.11	31.88	11.28	33.48	177	334	P	V
		5350.8	47.55	-6.45	54	37.87	31.88	11.28	33.48	177	334	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	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 54 5270MHz		10540	41.39	-32.61	74	37.55	39.93	15.13	51.22	100	0	P	H
		15810	33.9	-40.1	74	29.75	37.62	18.33	51.8	100	0	P	H
													H
													H
		10540	41.82	-32.18	74	37.98	39.93	15.13	51.22	100	0	P	V
		15810	41.27	-32.73	74	37.12	37.62	18.33	51.8	100	0	P	V
													V
													V
802.11n HT40 CH 62 5310MHz		10620	41.71	-32.29	74	37.71	40	15.19	51.19	100	0	P	H
		15930	40.21	-33.79	74	36.26	37.35	18.4	51.8	100	0	P	H
													H
													H
		10620	41.05	-32.95	74	37.05	40	15.19	51.19	100	0	P	V
		15930	40.46	-33.54	74	36.51	37.35	18.4	51.8	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

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 100 5500MHz		5469.84	64.08	-9.92	74	54.21	31.97	11.38	33.48	174	85	P	H
		5470	47.87	-6.13	54	38	31.97	11.38	33.48	174	85	A	H
	*	5500	106.49	-	-	96.59	32	11.38	33.48	174	85	P	H
	*	5500	98.84	-	-	88.94	32	11.38	33.48	174	85	A	H
													H
													H
		5465.52	59.17	-14.83	74	49.3	31.97	11.38	33.48	139	345	P	V
		5469.52	46.6	-7.4	54	36.73	31.97	11.38	33.48	139	345	A	V
	*	5500	104.64	-	-	94.74	32	11.38	33.48	139	345	P	V
	*	5500	97.49	-	-	87.59	32	11.38	33.48	139	345	A	V
													V
													V
802.11a CH 116 5580MHz		5466.16	49.28	-24.72	74	39.41	31.97	11.38	33.48	155	86	P	H
		5468.56	41.36	-12.64	54	31.49	31.97	11.38	33.48	155	86	A	H
	*	5580	106.43	-	-	96.43	32.08	11.44	33.52	155	86	P	H
	*	5580	99.25	-	-	89.25	32.08	11.44	33.52	155	86	A	H
		5745.225	50.78	-23.22	74	40.6	32.29	11.46	33.57	155	86	P	H
		5739.275	41.05	-12.95	54	30.87	32.29	11.46	33.57	155	86	A	H
		5402.8	49.2	-24.8	74	39.45	31.92	11.31	33.48	135	338	P	V
		5469.04	41.68	-12.32	54	31.81	31.97	11.38	33.48	135	338	A	V
	*	5580	106.02	-	-	96.02	32.08	11.44	33.52	135	338	P	V
	*	5580	99.18	-	-	89.18	32.08	11.44	33.52	135	338	A	V
		5756.6	49.68	-24.32	74	39.49	32.31	11.46	33.58	135	338	P	V
		5735.95	41.28	-12.72	54	31.1	32.29	11.46	33.57	135	338	A	V



802.11a CH 140 5700MHz	*	5700	103.11	-	-	92.97	32.23	11.47	33.56	173	83	P	H
	*	5700	95.15	-	-	85.01	32.23	11.47	33.56	173	83	A	H
		5737.24	55.34	-18.66	74	45.16	32.29	11.46	33.57	173	83	P	H
		5725	47.05	-6.95	54	36.89	32.27	11.46	33.57	173	83	A	H
													H
													H
	*	5700	103	-	-	92.86	32.23	11.47	33.56	202	337	P	V
	*	5700	94.55	-	-	84.41	32.23	11.47	33.56	202	337	A	V
		5727.32	60.28	-13.72	74	50.12	32.27	11.46	33.57	202	337	P	V
		5725.8	47.38	-6.62	54	37.22	32.27	11.46	33.57	202	337	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	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)
802.11a CH 100 5500MHz		11000	43.4	-30.6	74	38.64	40.3	15.49	51.03	100	0	P	H
		16500	44.47	-29.53	74	38.07	39	19.27	51.87	100	0	P	H
													H
													H
		11000	42.86	-31.14	74	38.1	40.3	15.49	51.03	100	0	P	V
		16500	42.49	-31.51	74	36.09	39	19.27	51.87	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	43.48	-30.52	74	38.66	40.3	15.61	51.09	100	0	P	H
		16740	43.29	-30.71	74	35.65	39.87	19.68	51.91	100	0	P	H
													H
													H
		11160	43.46	-30.54	74	38.64	40.3	15.61	51.09	100	0	P	V
		16740	43.6	-30.4	74	35.96	39.87	19.68	51.91	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	43.43	-30.57	74	38.53	40.3	15.79	51.19	100	0	P	H
		17100	45.68	-28.32	74	36.19	41.16	20.3	51.97	100	0	P	H
													H
													H
		11400	43.43	-30.57	74	38.53	40.3	15.79	51.19	100	0	P	V
		17100	45.65	-28.35	74	36.16	41.16	20.3	51.97	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												


Band 3 - 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	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 100 5500MHz		5459.92	56.33	-17.67	74	46.51	31.96	11.34	33.48	188	76	P	H
		5466.8	46.01	-7.99	54	36.14	31.97	11.38	33.48	188	76	A	H
	*	5500	104.41	-	-	94.51	32	11.38	33.48	188	76	P	H
	*	5500	97.02	-	-	87.12	32	11.38	33.48	188	76	A	H
													H
													H
		5462.32	59.58	-14.42	74	49.72	31.96	11.38	33.48	186	336	P	V
		5470	44.52	-9.48	54	34.65	31.97	11.38	33.48	186	336	A	V
	*	5494	103.63	-	-	93.74	31.99	11.38	33.48	186	336	P	V
	*	5494	95.72	-	-	85.83	31.99	11.38	33.48	186	336	A	V
													V
													V
802.11n HT20 CH 116 5580MHz		5412.88	49.45	-24.55	74	39.69	31.93	11.31	33.48	193	75	P	H
		5468.08	41.57	-12.43	54	31.7	31.97	11.38	33.48	193	75	A	H
	*	5580	105.3	-	-	95.3	32.08	11.44	33.52	193	75	P	H
	*	5580	97.73	-	-	87.73	32.08	11.44	33.52	193	75	A	H
		5742.95	48.82	-25.18	74	38.64	32.29	11.46	33.57	193	75	P	H
		5760.45	41.31	-12.69	54	31.12	32.31	11.46	33.58	193	75	A	H
		5451.28	50.7	-23.3	74	40.88	31.96	11.34	33.48	191	337	P	V
		5469.04	41.33	-12.67	54	31.46	31.97	11.38	33.48	191	337	A	V
	*	5580	104.93	-	-	94.93	32.08	11.44	33.52	191	337	P	V
	*	5580	96.44	-	-	86.44	32.08	11.44	33.52	191	337	A	V
		5739.625	49.96	-24.04	74	39.78	32.29	11.46	33.57	191	337	P	V
		5759.925	41.3	-12.7	54	31.11	32.31	11.46	33.58	191	337	A	V



802.11n HT20 CH 140 5700MHz	*	5700	100.92	-	-	90.78	32.23	11.47	33.56	184	75	P	H
	*	5700	93.67	-	-	83.53	32.23	11.47	33.56	184	75	A	H
		5725.72	54.08	-19.92	74	43.92	32.27	11.46	33.57	184	75	P	H
		5726.2	44.51	-9.49	54	34.35	32.27	11.46	33.57	184	75	A	H
													H
													H
	*	5700	101.83	-	-	91.69	32.23	11.47	33.56	210	336	P	V
	*	5700	93.45	-	-	83.31	32.23	11.47	33.56	210	336	A	V
		5727.24	60.11	-13.89	74	49.95	32.27	11.46	33.57	210	336	P	V
		5725.64	44.74	-9.26	54	34.58	32.27	11.46	33.57	210	336	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	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 100 5500MHz		11000	42.84	-31.16	74	38.08	40.3	15.49	51.03	100	0	P	H
		16500	41.94	-32.06	74	35.54	39	19.27	51.87	100	0	P	H
													H
													H
		11000	42.26	-31.74	74	37.5	40.3	15.49	51.03	100	0	P	V
		16500	42.73	-31.27	74	36.33	39	19.27	51.87	100	0	P	V
													V
													V
802.11n HT20 CH 116 5580MHz		11160	43.38	-30.62	74	38.56	40.3	15.61	51.09	100	0	P	H
		16740	43.6	-30.4	74	35.96	39.87	19.68	51.91	100	0	P	H
													H
													H
		11160	43.82	-30.18	74	39	40.3	15.61	51.09	100	0	P	V
		16740	43.61	-30.39	74	35.97	39.87	19.68	51.91	100	0	P	V
													V
													V
802.11n HT20 CH 140 5700MHz		11400	43.4	-30.6	74	38.5	40.3	15.79	51.19	100	0	P	H
		17100	46.12	-27.88	74	36.63	41.16	20.3	51.97	100	0	P	H
													H
													H
		11400	42.69	-31.31	74	37.79	40.3	15.79	51.19	100	0	P	V
		17100	45.68	-28.32	74	36.19	41.16	20.3	51.97	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	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 102 5510MHz		5449.6	55.86	-18.14	74	46.04	31.96	11.34	33.48	182	77	P	H
		5470	48.58	-5.42	54	38.71	31.97	11.38	33.48	182	77	A	H
	*	5510	103.1	29.1	74	93.18	32	11.41	33.49	182	77	P	H
	*	5510	96.02	42.02	54	86.1	32	11.41	33.49	182	77	A	H
		5760.45	48.87	-25.13	74	38.68	32.31	11.46	33.58	182	77	P	H
		5749.95	41.42	-12.58	54	31.24	32.29	11.46	33.57	182	77	A	H
		5468.32	54.92	-19.08	74	45.05	31.97	11.38	33.48	148	343	P	V
		5468.56	47.91	-6.09	54	38.04	31.97	11.38	33.48	148	343	A	V
	*	5510	101.77	27.77	74	91.85	32	11.41	33.49	148	343	P	V
	*	5510	94.58	40.58	54	84.66	32	11.41	33.49	148	343	A	V
		5728.25	49.18	-24.82	74	39.02	32.27	11.46	33.57	148	343	P	V
		5763.075	41.41	-12.59	54	31.22	32.31	11.46	33.58	148	343	A	V
802.11n HT40 CH 110 5550MHz		5464	50.99	-23.01	74	41.12	31.97	11.38	33.48	183	71	P	H
		5468.56	43.5	-10.5	54	33.63	31.97	11.38	33.48	183	71	A	H
	*	5550	104.25	30.25	74	94.25	32.06	11.44	33.5	183	71	P	H
	*	5550	96.84	42.84	54	86.84	32.06	11.44	33.5	183	71	A	H
		5745.925	49.38	-24.62	74	39.2	32.29	11.46	33.57	183	71	P	H
		5748.9	41.57	-12.43	54	31.39	32.29	11.46	33.57	183	71	A	H
		5464.96	51.22	-22.78	74	41.35	31.97	11.38	33.48	160	344	P	V
		5467.12	43.11	-10.89	54	33.24	31.97	11.38	33.48	160	344	A	V
	*	5550	102.57	28.57	74	92.57	32.06	11.44	33.5	160	344	P	V
	*	5550	95.33	41.33	54	85.33	32.06	11.44	33.5	160	344	A	V
		5761.15	49.05	-24.95	74	38.86	32.31	11.46	33.58	160	344	P	V
		5737.7	41.7	-12.3	54	31.52	32.29	11.46	33.57	160	344	A	V



802.11n HT40 CH 134 5670MHz		5452.96	48.55	-25.45	74	38.73	31.96	11.34	33.48	184	82	P	H
		5460.64	41.39	-12.61	54	31.53	31.96	11.38	33.48	184	82	A	H
	*	5670	102.56	28.56	74	92.43	32.21	11.47	33.55	184	82	P	H
	*	5670	94.04	40.04	54	83.91	32.21	11.47	33.55	184	82	A	H
		5734.025	52.21	-21.79	74	42.05	32.27	11.46	33.57	184	82	P	H
		5756.775	43.25	-10.75	54	33.06	32.31	11.46	33.58	184	82	A	H
		5438.32	49.28	-24.72	74	39.47	31.95	11.34	33.48	188	334	P	V
		5424.64	41.13	-12.87	54	31.34	31.93	11.34	33.48	188	334	A	V
	*	5670	101	27	74	90.87	32.21	11.47	33.55	188	334	P	V
	*	5670	93.6	39.6	54	83.47	32.21	11.47	33.55	188	334	A	V
		5737.875	51.45	-22.55	74	41.27	32.29	11.46	33.57	188	334	P	V
		5731.4	42.93	-11.07	54	32.77	32.27	11.46	33.57	188	334	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	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 102 5510MHz		11020	42.5	-31.5	74	37.74	40.3	15.49	51.03	100	0	P	H
		16530	43.33	-30.67	74	36.74	39.12	19.34	51.87	100	0	P	H
													H
													H
		11020	43.07	-30.93	74	38.31	40.3	15.49	51.03	100	0	P	V
		16530	42.8	-31.2	74	36.21	39.12	19.34	51.87	100	0	P	V
													V
													V
802.11n HT40 CH 110 5550MHz		11100	43.15	-30.85	74	38.36	40.3	15.55	51.06	100	0	P	H
		16650	42.53	-31.47	74	35.33	39.56	19.54	51.9	100	0	P	H
													H
													H
		11100	43.59	-30.41	74	38.8	40.3	15.55	51.06	100	0	P	V
		16650	43.31	-30.69	74	36.11	39.56	19.54	51.9	100	0	P	V
													V
													V
802.11n HT40 CH 134 5670MHz		11340	43.41	-30.59	74	38.56	40.3	15.73	51.18	100	0	P	H
		17010	44.58	-29.42	74	35.52	40.86	20.16	51.96	100	0	P	H
													H
													H
		11340	43.02	-30.98	74	38.17	40.3	15.73	51.18	100	0	P	V
		17010	45.81	-28.19	74	36.75	40.86	20.16	51.96	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11n HT40 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 LF		30.54	24.15	-15.85	40	29.51	25.18	1.29	31.83			P	H
		127.2	18.27	-25.23	43.5	30.36	17.91	1.78	31.78			P	H
		206.58	18.48	-25.02	43.5	32.03	16.13	2.1	31.78			P	H
		329.4	23.9	-22.1	46	32.46	20.53	2.68	31.77			P	H
		772.5	30.69	-15.31	46	30.58	27.97	4.09	31.95			P	H
		938.4	34.12	-11.88	46	30.35	30.27	4.63	31.13	314	195	P	H
													H
													H
													H
													H
													H
													H
		30.27	25.45	-14.55	40	30.29	25.7	1.29	31.83			P	V
		62.94	24.6	-15.4	40	42.83	12.05	1.51	31.79			P	V
		126.39	24.42	-19.08	43.5	36.54	17.88	1.78	31.78			P	V
		598.2	27.66	-18.34	46	30.36	25.67	3.67	32.04			P	V
		774.6	31.54	-14.46	46	31.4	28	4.09	31.95			P	V
		944	33.97	-12.03	46	29.92	30.44	4.69	31.08	172	313	P	V
													V
													V
												V	
												V	
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Note symbol

*	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	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		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”.