



Appendix B. Radiated Spurious Emission

Test Engineer :	Elvis Chen, Stan Hsieh, Karl Hou, and Nick Yu	Temperature :	21~23°C
		Relative Humidity :	60~63%

<Sample 1>

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5148.05	61.18	-12.82	74	53.83	31.98	7.94	32.57	100	241	P	H
		5149.85	48.76	-5.24	54	41.41	31.98	7.94	32.57	100	241	A	H
	*	5178	110.37	-	-	103.01	32.02	7.91	32.57	100	241	P	H
	*	5178	102.27	-	-	94.91	32.02	7.91	32.57	100	241	A	H
		5450.32	50.75	-23.25	74	42.69	32.34	8.29	32.57	100	244	P	H
		5352.42	41.32	-12.68	54	33.44	32.22	8.23	32.57	100	244	A	H
		5147.6	60.64	-13.36	74	53.29	31.98	7.94	32.57	100	270	P	V
		5149.25	49.21	-4.79	54	41.86	31.98	7.94	32.57	100	270	A	V
	*	5179	110.53	-	-	103.17	32.02	7.91	32.57	100	270	P	V
	*	5179	103.27	-	-	95.91	32.02	7.91	32.57	100	270	A	V
		5399.94	50.55	-23.45	74	42.55	32.28	8.29	32.57	100	270	P	V
		5383.11	42.1	-11.9	54	34.12	32.26	8.29	32.57	100	270	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		10359	45.39	-28.61	74	56.85	39.69	11.96	63.11	100	0	P	H
		15540	44.87	-29.13	74	52.26	38.04	14.76	60.19	100	0	P	H
													H
													H
		10359	45.25	-28.75	74	56.71	39.69	11.96	63.11	100	0	P	V
		15540	47.5	-26.5	74	54.89	38.04	14.76	60.19	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



<Sample 2>

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5148.2	61.26	-12.74	74	53.91	31.98	7.94	32.57	100	219	P	H
		5150	50.11	-3.89	54	42.76	31.98	7.94	32.57	100	219	A	H
	*	5182	110.12	-	-	102.76	32.02	7.91	32.57	100	219	P	H
	*	5182	102.14	-	-	94.78	32.02	7.91	32.57	100	219	A	H
		5381.79	52.97	-21.03	74	44.99	32.26	8.29	32.57	100	219	P	H
		5350.44	42.94	-11.06	54	35.06	32.22	8.23	32.57	100	219	A	H
		5149.25	60.78	-13.22	74	53.43	31.98	7.94	32.57	100	301	P	V
		5149.7	50.27	-3.73	54	42.92	31.98	7.94	32.57	100	301	A	V
	*	5181	108.25	-	-	100.89	32.02	7.91	32.57	100	301	P	V
	*	5181	101.64	-	-	94.28	32.02	7.91	32.57	100	301	A	V
		5364.96	51.83	-22.17	74	43.87	32.24	8.29	32.57	100	301	P	V
		5353.41	42.2	-11.8	54	34.32	32.22	8.23	32.57	100	301	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		10359	46.08	-27.92	74	57.54	39.69	11.96	63.11	100	0	P	H
		15540	44.32	-29.68	74	51.71	38.04	14.76	60.19	100	0	P	H
													H
													H
		10359	45.94	-28.06	74	57.4	39.69	11.96	63.11	100	0	P	V
		15537	50.68	-23.32	74	58.07	38.04	14.76	60.19	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



<Sample 3>

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5149.55	66.67	-7.33	74	59.32	31.98	7.94	32.57	100	262	P	H
		5150	50.61	-3.39	54	43.26	31.98	7.94	32.57	100	262	A	H
	*	5178	109.55	-	-	102.19	32.02	7.91	32.57	100	262	P	H
	*	5178	102.97	-	-	95.61	32.02	7.91	32.57	100	262	A	H
		5453.62	50.12	-23.88	74	42.06	32.34	8.29	32.57	100	262	P	H
		5377.17	41.62	-12.38	54	33.66	32.24	8.29	32.57	100	262	A	H
		5148.5	60.58	-13.42	74	53.23	31.98	7.94	32.57	100	271	P	V
		5149.7	51.35	-2.65	54	44	31.98	7.94	32.57	100	271	A	V
	*	5179	110.76	-	-	103.4	32.02	7.91	32.57	100	271	P	V
	*	5179	103.43	-	-	96.07	32.02	7.91	32.57	100	271	A	V
		5374.42	50.58	-23.42	74	42.62	32.24	8.29	32.57	100	271	P	V
		5350.22	41.71	-12.29	54	33.83	32.22	8.23	32.57	100	271	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		10359	45.65	-28.35	74	57.11	39.69	11.96	63.11	100	0	P	H
		15540	48.14	-25.86	74	55.53	38.04	14.76	60.19	100	0	P	H
													H
													H
		10359	45.6	-28.4	74	57.06	39.69	11.96	63.11	100	0	P	V
		15540	50.28	-23.72	74	57.67	38.04	14.76	60.19	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



<Sample 4>

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5149.4	59.02	-14.98	74	51.67	31.98	7.94	32.57	135	204	P	H
		5148.5	48.22	-5.78	54	40.87	31.98	7.94	32.57	135	204	A	H
	*	5182	107.18	-	-	99.82	32.02	7.91	32.57	135	204	P	H
	*	5182	101.03	-	-	93.67	32.02	7.91	32.57	135	204	A	H
		5413.8	50.01	-23.99	74	41.99	32.3	8.29	32.57	135	204	P	H
		5379.59	41.07	-12.93	54	33.09	32.26	8.29	32.57	135	204	A	H
		5133.95	60.39	-13.61	74	53.06	31.96	7.94	32.57	174	190	P	V
		5150	51.5	-2.5	54	44.15	31.98	7.94	32.57	174	190	A	V
	*	5179	110.21	-	-	102.85	32.02	7.91	32.57	174	190	P	V
	*	5179	104.26	-	-	96.9	32.02	7.91	32.57	174	190	A	V
		5383.66	50.31	-23.69	74	42.33	32.26	8.29	32.57	174	190	P	V
		5457.8	41.41	-12.59	54	33.35	32.34	8.29	32.57	174	190	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		10359	46.67	-27.33	74	58.13	39.69	11.96	63.11	100	0	P	H
		15540	44.93	-29.07	74	52.32	38.04	14.76	60.19	100	0	P	H
													H
													H
		10359	47.28	-26.72	74	58.74	39.69	11.96	63.11	100	0	P	V
		15540	50.29	-23.71	74	57.68	38.04	14.76	60.19	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



<Sample 5 with Cradle>

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5149.4	60.57	-13.43	74	53.22	31.98	7.94	32.57	276	268	P	H
		5150	51.22	-2.78	54	43.87	31.98	7.94	32.57	276	268	A	H
	*	5182	111.03	-	-	103.67	32.02	7.91	32.57	276	268	P	H
	*	5182	104.36	-	-	97	32.02	7.91	32.57	276	268	A	H
		5361.33	51	-23	74	43.1	32.24	8.23	32.57	276	268	P	H
		5350.66	43.13	-10.87	54	35.25	32.22	8.23	32.57	276	268	A	H
		5149.4	56.3	-17.7	74	48.95	31.98	7.94	32.57	400	12	P	V
		5150	47.7	-6.3	54	40.35	31.98	7.94	32.57	400	12	A	V
	*	5182	108.87	-	-	101.51	32.02	7.91	32.57	400	12	P	V
	*	5182	101.49	-	-	94.13	32.02	7.91	32.57	400	12	A	V
		5415.56	52.02	-21.98	74	44	32.3	8.29	32.57	400	12	P	V
		5411.82	42.47	-11.53	54	34.45	32.3	8.29	32.57	400	12	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		10359	46.29	-27.71	74	57.75	39.69	11.96	63.11	100	0	P	H
		15540	50.44	-23.56	74	57.83	38.04	14.76	60.19	100	0	P	H
													H
													H
		10359	45.29	-28.71	74	56.75	39.69	11.96	63.11	100	0	P	V
		15540	46.24	-27.76	74	53.63	38.04	14.76	60.19	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



<Sample 5>

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5149.55	58.8	-15.2	74	51.45	31.98	7.94	32.57	111	202	P	H
		5149.85	49.3	-4.7	54	41.95	31.98	7.94	32.57	111	202	A	H
	*	5178	108.72	-	-	101.36	32.02	7.91	32.57	111	202	P	H
	*	5178	101.47	-	-	94.11	32.02	7.91	32.57	111	202	A	H
		5385.64	50.66	-23.34	74	42.68	32.26	8.29	32.57	111	202	P	H
		5351.1	41.7	-12.3	54	33.82	32.22	8.23	32.57	111	202	A	H
		5148.2	61.65	-12.35	74	54.3	31.98	7.94	32.57	172	193	P	V
		5150	51.87	-2.13	54	44.52	31.98	7.94	32.57	172	193	A	V
	*	5180	110.63	-	-	103.27	32.02	7.91	32.57	172	193	P	V
	*	5180	104.48	-	-	97.12	32.02	7.91	32.57	172	193	A	V
		5350.77	51.19	-22.81	74	43.31	32.22	8.23	32.57	172	193	P	V
		5355.72	42.88	-11.12	54	35	32.22	8.23	32.57	172	193	A	V
802.11a CH 44 5220MHz		5124.95	52.31	-21.69	74	44.98	31.96	7.94	32.57	134	203	P	H
		5149.4	43.59	-10.41	54	36.24	31.98	7.94	32.57	134	203	A	H
	*	5220	108.15	-	-	100.65	32.06	8.01	32.57	134	203	P	H
	*	5220	101.6	-	-	94.1	32.06	8.01	32.57	134	203	A	H
		5418.09	50.2	-23.8	74	42.18	32.3	8.29	32.57	134	203	P	H
		5355.61	41.3	-12.7	54	33.42	32.22	8.23	32.57	134	203	A	H
		5149.4	52.64	-21.36	74	45.29	31.98	7.94	32.57	189	190	P	V
		5150	44.76	-9.24	54	37.41	31.98	7.94	32.57	189	190	A	V
	*	5222	110.39	-	-	102.89	32.06	8.01	32.57	189	190	P	V
	*	5222	103.53	-	-	96.03	32.06	8.01	32.57	189	190	A	V
		5439.54	50.79	-23.21	74	42.75	32.32	8.29	32.57	189	190	P	V
		5355.06	42.15	-11.85	54	34.27	32.22	8.23	32.57	189	190	A	V



802.11a CH 48 5240MHz		5087.6	52.27	-21.73	74	44.98	31.9	7.96	32.57	108	202	P	H
		5148.2	42.75	-11.25	54	35.4	31.98	7.94	32.57	108	202	A	H
	*	5238	108.05	-	-	100.53	32.08	8.01	32.57	107	202	P	H
	*	5238	100.67	-	-	93.15	32.08	8.01	32.57	107	202	A	H
		5406.32	50.33	-23.67	74	42.33	32.28	8.29	32.57	108	202	P	H
		5354.84	41.22	-12.78	54	33.34	32.22	8.23	32.57	108	202	A	H
		5124.65	51.94	-22.06	74	44.61	31.96	7.94	32.57	149	192	P	V
		5148.2	43.7	-10.3	54	36.35	31.98	7.94	32.57	149	192	A	V
	*	5238	109.73	-	-	102.21	32.08	8.01	32.57	149	192	P	V
	*	5238	103.38	-	-	95.86	32.08	8.01	32.57	149	192	A	V
		5351.43	51.12	-22.88	74	43.24	32.22	8.23	32.57	149	192	P	V
		5359.46	43.26	-10.74	54	35.38	32.22	8.23	32.57	149	192	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		10359	45.34	-28.66	74	56.8	39.69	11.96	63.11	100	0	P	H
		15540	45.97	-28.03	74	53.36	38.04	14.76	60.19	100	0	P	H
													H
													H
		10359	46.2	-27.8	74	57.66	39.69	11.96	63.11	100	0	P	V
		15540	49.78	-24.22	74	57.17	38.04	14.76	60.19	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	46.63	-27.37	74	57.86	39.79	12.03	63.05	100	0	P	H
		15660	46.05	-27.95	74	53.58	37.85	14.79	60.17	100	0	P	H
													H
													H
		10440	46.56	-27.44	74	57.79	39.79	12.03	63.05	100	0	P	V
		15660	47.6	-26.4	74	55.13	37.85	14.79	60.17	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	47.7	-26.3	74	58.78	39.87	12.06	63.01	100	0	P	H
		15720	44.27	-29.73	74	51.88	37.74	14.81	60.16	100	0	P	H
													H
													H
		10480	48.02	-25.98	74	59.1	39.87	12.06	63.01	100	0	P	V
		15720	48.48	-25.52	74	56.09	37.74	14.81	60.16	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		5147.15	59.81	-14.19	74	52.46	31.98	7.94	32.57	100	204	P	H
		5150	49.32	-4.68	54	41.97	31.98	7.94	32.57	100	204	A	H
	*	5178	108.16	-	-	100.8	32.02	7.91	32.57	100	204	P	H
	*	5178	101.12	-	-	93.76	32.02	7.91	32.57	100	204	A	H
		5452.74	50.36	-23.64	74	42.3	32.34	8.29	32.57	100	204	P	H
		5350.88	41.19	-12.81	54	33.31	32.22	8.23	32.57	100	204	A	H
		5149.55	62.69	-11.31	74	55.34	31.98	7.94	32.57	148	192	P	V
		5148.8	51.44	-2.56	54	44.09	31.98	7.94	32.57	148	192	A	V
	*	5181	108.84	-	-	101.48	32.02	7.91	32.57	148	192	P	V
	*	5181	103.49	-	-	96.13	32.02	7.91	32.57	148	192	A	V
		5356.16	50.35	-23.65	74	42.47	32.22	8.23	32.57	148	192	P	V
		5350.11	42.32	-11.68	54	34.44	32.22	8.23	32.57	148	192	A	V
802.11n HT20 CH 44 5220MHz		5003.75	52.96	-21.04	74	45.69	31.82	8.02	32.57	134	202	P	H
		5147.6	43.71	-10.29	54	36.36	31.98	7.94	32.57	134	202	A	H
	*	5221	107.91	-	-	100.41	32.06	8.01	32.57	134	202	P	H
	*	5221	101.58	-	-	94.08	32.06	8.01	32.57	134	202	A	H
		5438.99	51.02	-22.98	74	42.98	32.32	8.29	32.57	134	202	P	H
		5412.26	41.66	-12.34	54	33.64	32.3	8.29	32.57	134	202	A	H
		5052.95	55.25	-18.75	74	47.97	31.86	7.99	32.57	177	194	P	V
		5147.6	45.12	-8.88	54	37.77	31.98	7.94	32.57	177	194	A	V
	*	5221	110.72	-	-	103.22	32.06	8.01	32.57	177	194	P	V
	*	5221	103.91	-	-	96.41	32.06	8.01	32.57	177	194	A	V
		5394.99	51.21	-22.79	74	43.21	32.28	8.29	32.57	177	194	P	V
		5354.84	42.85	-11.15	54	34.97	32.22	8.23	32.57	177	194	A	V



802.11n HT20 CH 48 5240MHz		5054.75	51.88	-22.12	74	44.58	31.88	7.99	32.57	100	207	P	H
		5135.6	42.87	-11.13	54	35.54	31.96	7.94	32.57	100	207	A	H
	*	5238	107.31	-	-	99.79	32.08	8.01	32.57	100	207	P	H
	*	5238	101.13	-	-	93.61	32.08	8.01	32.57	100	207	A	H
		5396.86	50.79	-23.21	74	42.79	32.28	8.29	32.57	100	207	P	H
		5354.4	41.47	-12.53	54	33.59	32.22	8.23	32.57	100	207	A	H
		5029.1	52.98	-21.02	74	45.69	31.84	8.02	32.57	173	194	P	V
		5148.8	44.26	-9.74	54	36.91	31.98	7.94	32.57	173	194	A	V
	*	5242	109.92	-	-	102.27	32.1	8.12	32.57	173	194	P	V
	*	5242	103.7	-	-	96.05	32.1	8.12	32.57	173	194	A	V
		5366.39	50.45	-23.55	74	42.49	32.24	8.29	32.57	173	194	P	V
		5359.68	43.05	-10.95	54	35.17	32.22	8.23	32.57	173	194	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	46.83	-27.17	74	58.29	39.69	11.96	63.11	100	0	P	H
		15540	45.03	-28.97	74	52.42	38.04	14.76	60.19	100	0	P	H
													H
													H
		10360	47.43	-26.57	74	58.89	39.69	11.96	63.11	100	0	P	V
		15540	47.68	-26.32	74	55.07	38.04	14.76	60.19	100	0	P	V
													V
													V
802.11n HT20 CH 44 5220MHz		10440	47.28	-26.72	74	58.51	39.79	12.03	63.05	100	0	P	H
		15660	46.44	-27.56	74	53.97	37.85	14.79	60.17	100	0	P	H
													H
													H
		10440	47.22	-26.78	74	58.45	39.79	12.03	63.05	100	0	P	V
		15660	46.73	-27.27	74	54.26	37.85	14.79	60.17	100	0	P	V
													V
													V
802.11n HT20 CH 48 5240MHz		10480	45.96	-28.04	74	57.04	39.87	12.06	63.01	100	0	P	H
		15720	44.56	-29.44	74	52.17	37.74	14.81	60.16	100	0	P	H
													H
													H
		10480	46.36	-27.64	74	57.44	39.87	12.06	63.01	100	0	P	V
		15720	46.42	-27.58	74	54.03	37.74	14.81	60.16	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		5050.4	51.88	-22.12	74	44.6	31.86	7.99	32.57	109	200	P	H
		5137.55	42.61	-11.39	54	35.28	31.96	7.94	32.57	109	200	A	H
	*	5262	107.01	-	-	99.34	32.12	8.12	32.57	109	200	P	H
	*	5262	100.32	-	-	92.65	32.12	8.12	32.57	109	200	A	H
		5367.27	50.6	-23.4	74	42.64	32.24	8.29	32.57	109	200	P	H
		5353.08	41.36	-12.64	54	33.48	32.22	8.23	32.57	109	200	A	H
		5087.6	54.01	-19.99	74	46.72	31.9	7.96	32.57	185	189	P	V
		5149.55	43.47	-10.53	54	36.12	31.98	7.94	32.57	185	189	A	V
	*	5258	109.88	-	-	102.23	32.1	8.12	32.57	185	189	P	V
	*	5258	103.55	-	-	95.9	32.1	8.12	32.57	185	189	A	V
		5359.68	50.81	-23.19	74	42.93	32.22	8.23	32.57	185	189	P	V
		5350.33	42.88	-11.12	54	35	32.22	8.23	32.57	185	189	A	V
802.11a CH 60 5300MHz		5098.1	50.67	-23.33	74	43.36	31.92	7.96	32.57	100	210	P	H
		5098.7	42.33	-11.67	54	35.02	31.92	7.96	32.57	100	210	A	H
	*	5298	105.47	-	-	97.7	32.16	8.18	32.57	100	210	P	H
	*	5298	98.95	-	-	91.18	32.16	8.18	32.57	100	210	A	H
		5453.73	51.18	-22.82	74	43.12	32.34	8.29	32.57	100	210	P	H
		5353.96	41.31	-12.69	54	33.43	32.22	8.23	32.57	100	210	A	H
		5130.05	51.27	-22.73	74	43.94	31.96	7.94	32.57	189	190	P	V
		5102.9	42.45	-11.55	54	35.14	31.92	7.96	32.57	189	190	A	V
	*	5302	108.49	-	-	100.72	32.16	8.18	32.57	189	190	P	V
	*	5302	102.52	-	-	94.75	32.16	8.18	32.57	189	190	A	V
		5355.06	50.78	-23.22	74	42.9	32.22	8.23	32.57	189	190	P	V
		5350.22	41.82	-12.18	54	33.94	32.22	8.23	32.57	189	190	A	V



802.11a CH 64 5320MHz	*	5318	104.27	-	-	96.48	32.18	8.18	32.57	114	202	P	H
	*	5318	99.01	-	-	91.22	32.18	8.18	32.57	114	202	A	H
		5353.3	54.13	-19.87	74	46.25	32.22	8.23	32.57	114	202	P	H
		5350.33	45.32	-8.68	54	37.44	32.22	8.23	32.57	114	202	A	H
													H
													H
	*	5321	108.16	-	-	100.37	32.18	8.18	32.57	195	192	P	V
	*	5321	102.18	-	-	94.39	32.18	8.18	32.57	195	192	A	V
		5351.87	57.83	-16.17	74	49.95	32.22	8.23	32.57	195	192	P	V
		5350.44	48.38	-5.62	54	40.5	32.22	8.23	32.57	195	192	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	46.57	-27.43	74	57.57	39.91	12.08	62.99	100	0	P	H
		15780	44.77	-29.23	74	52.43	37.66	14.82	60.14	100	0	P	H
													H
													H
		10520	46.5	-27.5	74	57.5	39.91	12.08	62.99	100	0	P	V
		15780	48.51	-25.49	74	56.17	37.66	14.82	60.14	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10300	46.19	-27.81	74	57.87	39.58	11.9	63.16	100	0	P	H
		15300	45.73	-28.27	74	51.95	39.18	14.59	59.99	100	0	P	H
													H
													H
		10300	46.4	-27.6	74	58.08	39.58	11.9	63.16	100	0	P	V
		15300	46.28	-27.72	74	52.5	39.18	14.59	59.99	100	0	P	V
													V
													V
802.11a CH 64 5320MHz		10640	46.06	-27.94	74	56.86	40.01	12.13	62.94	100	0	P	H
		15960	43.21	-30.79	74	51.09	37.36	14.87	60.11	100	0	P	H
													H
													H
		10640	46.63	-27.37	74	57.43	40.01	12.13	62.94	100	0	P	V
		15960	47.58	-26.42	74	55.46	37.36	14.87	60.11	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		5050.55	53.13	-20.87	74	45.85	31.86	7.99	32.57	129	207	P	H
		5146.1	43.09	-10.91	54	35.74	31.98	7.94	32.57	129	207	A	H
	*	5258	105.93	-	-	98.28	32.1	8.12	32.57	129	207	P	H
	*	5258	100.11	-	-	92.46	32.1	8.12	32.57	129	207	A	H
		5404.01	49.79	-24.21	74	41.79	32.28	8.29	32.57	129	207	P	H
		5351.87	41.65	-12.35	54	33.77	32.22	8.23	32.57	129	207	A	H
		5134.7	53.38	-20.62	74	46.05	31.96	7.94	32.57	154	196	P	V
		5139.05	43.85	-10.15	54	36.52	31.96	7.94	32.57	154	196	A	V
	*	5259	109.27	-	-	101.6	32.12	8.12	32.57	154	196	P	V
	*	5259	102.93	-	-	95.26	32.12	8.12	32.57	154	196	A	V
		5385.97	50.56	-23.44	74	42.58	32.26	8.29	32.57	154	196	P	V
		5379.7	43.41	-10.59	54	35.43	32.26	8.29	32.57	154	196	A	V
802.11n HT20 CH 60 5300MHz		5054.3	51.72	-22.28	74	44.44	31.86	7.99	32.57	129	202	P	H
		5134.7	42.75	-11.25	54	35.42	31.96	7.94	32.57	129	202	A	H
	*	5302	105.14	-	-	97.37	32.16	8.18	32.57	129	202	P	H
	*	5302	98.77	-	-	91	32.16	8.18	32.57	129	202	A	H
		5351.98	51.05	-22.95	74	43.17	32.22	8.23	32.57	129	202	P	H
		5353.74	42.15	-11.85	54	34.27	32.22	8.23	32.57	129	202	A	H
		5131.7	54.33	-19.67	74	47	31.96	7.94	32.57	172	192	P	V
		5134.25	43.77	-10.23	54	36.44	31.96	7.94	32.57	172	192	A	V
	*	5298	108.77	-	-	101	32.16	8.18	32.57	172	192	P	V
	*	5298	102.76	-	-	94.99	32.16	8.18	32.57	172	192	A	V
		5351.65	51.91	-22.09	74	44.03	32.22	8.23	32.57	172	192	P	V
		5350.77	44.36	-9.64	54	36.48	32.22	8.23	32.57	172	192	A	V



802.11n HT20 CH 64 5320MHz	*	5322	105.28	-	-	97.44	32.18	8.23	32.57	115	206	P	H
	*	5322	98.59	-	-	90.75	32.18	8.23	32.57	115	206	A	H
		5357.37	52.73	-21.27	74	44.85	32.22	8.23	32.57	115	206	P	H
		5350.88	45.88	-8.12	54	38	32.22	8.23	32.57	115	206	A	H
													H
													H
	*	5322	107.59	-	-	99.75	32.18	8.23	32.57	159	197	P	V
	*	5322	102.09	-	-	94.25	32.18	8.23	32.57	159	197	A	V
		5352.53	58.05	-15.95	74	50.17	32.22	8.23	32.57	159	197	P	V
		5350	49.03	-4.97	54	41.15	32.22	8.23	32.57	159	197	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	47.08	-26.92	74	58.08	39.91	12.08	62.99	100	0	P	H
		15780	44.08	-29.92	74	51.74	37.66	14.82	60.14	100	0	P	H
													H
													H
		10520	46.41	-27.59	74	57.41	39.91	12.08	62.99	100	0	P	V
		15780	48.05	-25.95	74	55.71	37.66	14.82	60.14	100	0	P	V
													V
													V
802.11n HT20 CH 60 5300MHz		10600	46.49	-27.51	74	57.36	39.98	12.11	62.96	100	0	P	H
		15900	43.44	-30.56	74	51.24	37.47	14.85	60.12	100	0	P	H
													H
													H
		10600	46.69	-27.31	74	57.56	39.98	12.11	62.96	100	0	P	V
		15900	45.98	-28.02	74	53.78	37.47	14.85	60.12	100	0	P	V
													V
													V
802.11n HT20 CH 64 5320MHz		10640	46.97	-27.03	74	57.77	40.01	12.13	62.94	100	0	P	H
		15960	43.75	-30.25	74	51.63	37.36	14.87	60.11	100	0	P	H
													H
													H
		10640	46.67	-27.33	74	57.47	40.01	12.13	62.94	100	0	P	V
		15960	46.63	-27.37	74	54.51	37.36	14.87	60.11	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		5467.6	52.85	-21.15	74	44.77	32.36	8.29	32.57	152	215	P	H
		5468.56	44.89	-9.11	54	36.81	32.36	8.29	32.57	152	215	A	H
	*	5498	103.75	-	-	95.63	32.4	8.29	32.57	152	215	P	H
	*	5498	97.54	-	-	89.42	32.4	8.29	32.57	152	215	A	H
		5760.44	51.97	-22.03	74	43.75	32.56	8.33	32.67	152	215	P	H
		5750.44	41.7	-12.3	54	33.5	32.54	8.33	32.67	152	215	A	H
		5469.84	55.09	-18.91	74	47.01	32.36	8.29	32.57	262	204	P	V
		5470	46.15	-7.85	54	38.07	32.36	8.29	32.57	262	204	A	V
	*	5502	106.67	-	-	98.56	32.4	8.29	32.58	262	204	P	V
	*	5502	100.19	-	-	92.08	32.4	8.29	32.58	262	204	A	V
		5730.52	50.98	-23.02	74	42.79	32.53	8.33	32.67	262	204	P	V
		5757.88	41.59	-12.41	54	33.37	32.56	8.33	32.67	262	204	A	V
802.11a CH 116 5580MHz		5369.52	50.38	-23.62	74	42.42	32.24	8.29	32.57	159	212	P	H
		5467.28	41.03	-12.97	54	32.95	32.36	8.29	32.57	159	212	A	H
	*	5581	104	-	-	95.97	32.44	8.2	32.61	159	212	P	H
	*	5581	98.16	-	-	90.13	32.44	8.2	32.61	159	212	A	H
		5755.56	50.51	-23.49	74	42.29	32.56	8.33	32.67	159	212	P	H
		5743.8	41.68	-12.32	54	33.48	32.54	8.33	32.67	159	212	A	H
		5423.12	49.62	-24.38	74	41.6	32.3	8.29	32.57	159	204	P	V
		5356.56	41.22	-12.78	54	33.34	32.22	8.23	32.57	159	204	A	V
	*	5582	106.1	-	-	98.06	32.45	8.2	32.61	159	204	P	V
	*	5582	99.13	-	-	91.09	32.45	8.2	32.61	159	204	A	V
		5732.76	50.52	-23.48	74	42.33	32.53	8.33	32.67	159	204	P	V
		5754.28	41.63	-12.37	54	33.41	32.56	8.33	32.67	159	204	A	V



802.11a CH 140 5700MHz	*	5698	105.72	-	-	97.56	32.51	8.3	32.65	118	208	P	H
	*	5698	99.69	-	-	91.53	32.51	8.3	32.65	118	208	A	H
		5725.64	57.19	-16.81	74	48.99	32.53	8.33	32.66	118	208	P	H
		5725.32	48.27	-5.73	54	40.07	32.53	8.33	32.66	118	208	A	H
													H
													H
	*	5702	105.74	-	-	97.57	32.52	8.3	32.65	139	149	P	V
	*	5702	99.84	-	-	91.67	32.52	8.3	32.65	139	149	A	V
		5730.2	56.47	-17.53	74	48.27	32.53	8.33	32.66	139	149	P	V
		5725.24	49.02	-4.98	54	40.82	32.53	8.33	32.66	139	149	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	46.79	-27.21	74	56.99	40.3	12.3	62.8	100	0	P	H
		16500	45.06	-28.94	74	50.43	38.8	15.23	59.4	100	0	P	H
													H
													H
		11000	46.74	-27.26	74	56.94	40.3	12.3	62.8	100	0	P	V
		16500	48.36	-25.64	74	53.73	38.8	15.23	59.4	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	47.71	-26.29	74	57.92	40.2	12.39	62.8	100	0	P	H
		16740	49.77	-24.23	74	54.59	39.57	15.3	59.69	100	0	P	H
													H
													H
		11160	48.8	-25.2	74	59.01	40.2	12.39	62.8	100	0	P	V
		16740	51.7	-22.3	74	56.52	39.57	15.3	59.69	352	149	P	V
		16740	45.29	-8.71	54	50.11	39.57	15.3	59.69	352	149	A	V
													V
802.11a CH 140 5700MHz		11400	47.29	-26.71	74	57.5	40.06	12.53	62.8	100	0	P	H
		17100	53.41	-20.59	74	57.31	40.68	15.48	60.06	312	211	P	H
		17100	45.32	-8.68	54	49.22	40.68	15.48	60.06	312	211	A	H
													H
		11400	47	-27	74	57.21	40.06	12.53	62.8	100	0	P	V
		17100	52.65	-21.35	74	56.55	40.68	15.48	60.06	100	146	P	V
		17100	44.48	-9.52	54	48.38	40.68	15.48	60.06	100	146	A	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		5469.84	52.35	-21.65	74	44.27	32.36	8.29	32.57	188	216	P	H
		5469.84	46.44	-7.56	54	38.36	32.36	8.29	32.57	188	216	A	H
	*	5499	104.33	-	-	96.21	32.4	8.29	32.57	188	216	P	H
	*	5499	97.05	-	-	88.93	32.4	8.29	32.57	188	216	A	H
													H
													H
		5470	54.56	-19.44	74	46.48	32.36	8.29	32.57	248	205	P	V
		5469.36	48.12	-5.88	54	40.04	32.36	8.29	32.57	248	205	A	V
	*	5501	106.54	-	-	98.43	32.4	8.29	32.58	248	205	P	V
	*	5501	99.64	-	-	91.53	32.4	8.29	32.58	248	205	A	V
													V
													V
802.11n HT20 CH 116 5580MHz		5463.76	50.19	-23.81	74	42.11	32.36	8.29	32.57	100	209	P	H
		5356.4	41.34	-12.66	54	33.46	32.22	8.23	32.57	100	209	A	H
	*	5580	105.18	-	-	97.15	32.44	8.2	32.61	100	209	P	H
	*	5580	96.58	-	-	88.55	32.44	8.2	32.61	100	209	A	H
		5760.84	50.73	-23.27	74	42.51	32.56	8.33	32.67	100	209	P	H
		5725.88	41.79	-12.21	54	33.59	32.53	8.33	32.66	100	209	A	H
		5451.44	50.15	-23.85	74	42.09	32.34	8.29	32.57	246	200	P	V
		5353.52	41.84	-12.16	54	33.96	32.22	8.23	32.57	246	200	A	V
	*	5582	106.3	-	-	98.26	32.45	8.2	32.61	246	200	P	V
	*	5582	99.06	-	-	91.02	32.45	8.2	32.61	246	200	A	V
		5726.12	51.03	-22.97	74	42.83	32.53	8.33	32.66	246	200	P	V
		5732.76	41.91	-12.09	54	33.72	32.53	8.33	32.67	246	200	A	V



802.11n HT20 CH 140 5700MHz	*	5698	105.03	-	-	96.87	32.51	8.3	32.65	151	210	P	H
	*	5698	98.57	-	-	90.41	32.51	8.3	32.65	151	210	A	H
		5725.16	56.27	-17.73	74	48.07	32.53	8.33	32.66	151	210	P	H
		5725.32	47.41	-6.59	54	39.21	32.53	8.33	32.66	151	210	A	H
													H
													H
	*	5698	106.37	-	-	98.21	32.51	8.3	32.65	145	149	P	V
	*	5698	98.89	-	-	90.73	32.51	8.3	32.65	145	149	A	V
		5730.2	58.48	-15.52	74	50.28	32.53	8.33	32.66	145	149	P	V
		5725	47.86	-6.14	54	39.66	32.53	8.33	32.66	145	149	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	47.35	-26.65	74	57.55	40.3	12.3	62.8	100	0	P	H
		16500	46.25	-27.75	74	51.62	38.8	15.23	59.4	100	0	P	H
													H
													H
		11000	46.46	-27.54	74	56.66	40.3	12.3	62.8	100	0	P	V
		16500	48.41	-25.59	74	53.78	38.8	15.23	59.4	100	0	P	V
													V
													V
802.11n HT20 CH 116 5580MHz		11160	48.15	-25.85	74	58.36	40.2	12.39	62.8	100	0	P	H
		16740	50.28	-23.72	74	55.1	39.57	15.3	59.69	100	0	P	H
													H
													H
		11160	46.69	-27.31	74	56.9	40.2	12.39	62.8	100	0	P	V
		16740	45.02	-28.98	74	49.84	39.57	15.3	59.69	100	0	P	V
													V
													V
802.11n HT20 CH 140 5700MHz		11400	46.57	-27.43	74	56.78	40.06	12.53	62.8	100	0	P	H
		17100	46.45	-27.55	74	50.35	40.68	15.48	60.06	100	0	P	H
													H
													H
		11400	47.01	-26.99	74	57.22	40.06	12.53	62.8	100	0	P	V
		17100	46.55	-27.45	74	50.45	40.68	15.48	60.06	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 802.11a (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)
802.11a LF		31.62	23.33	-16.67	40	36.58	18.92	0.65	32.82	105	163	P	H
		120.72	15.28	-28.22	43.5	34.88	11.91	1.14	32.65			P	H
		269.49	19.26	-26.74	46	36.73	13.5	1.76	32.73			P	H
		414.8	20.2	-25.8	46	34.14	16.75	2.16	32.85			P	H
		769.7	23.5	-22.5	46	31.64	21.8	2.97	32.91			P	H
		964.3	26.7	-27.3	54	30.78	24.24	3.29	31.61			P	H
													H
													H
													H
													H
													H
													H
		31.35	18.9	-21.1	40	31.61	19.46	0.65	32.82	100	219	P	V
		54.57	18.7	-21.3	40	42.58	7.96	0.93	32.77			P	V
		269.49	16.37	-29.63	46	33.84	13.5	1.76	32.73			P	V
		454.7	18.57	-27.43	46	31.76	17.39	2.3	32.88			P	V
		661.9	21.25	-24.75	46	31.3	20.29	2.67	33.01			P	V
		969.2	26.73	-27.27	54	30.68	24.22	3.38	31.55			P	V
													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”.