



Appendix A. Radiated Spurious Emission

Test Engineer :	Kyle Jhuang, Citta Ke, and Karl Hou	Temperature :	25~26°C
		Relative Humidity :	50~51%

15E 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		5714.84	63.31	-10.69	74	52.51	35.77	7.15	32.12	103	304	P	H
		5725	74.92	-3.38	78.3	64.1	35.78	7.16	32.12	103	304	P	H
		5714.52	47.26	-6.74	54	36.46	35.77	7.15	32.12	103	304	A	H
	*	5745	105.98	-	-	95.12	35.79	7.18	32.11	103	304	P	H
	*	5745	95.87	-	-	85.01	35.79	7.18	32.11	103	304	A	H
													H
													H
													H
		5713.32	64.78	-9.22	74	53.98	35.77	7.15	32.12	108	332	P	V
		5724.68	77.76	-0.54	78.3	66.94	35.78	7.16	32.12	108	332	P	V
		5714.84	48.86	-5.14	54	38.06	35.77	7.15	32.12	108	332	A	V
	*	5743	108.46	-	-	97.6	35.79	7.18	32.11	108	332	P	V
	*	5743	98.08	-	-	87.22	35.79	7.18	32.11	108	332	A	V
													V
													V
													V



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 157 5785MHz		5714.44	53.34	-20.66	74	42.54	35.77	7.15	32.12	102	303	P	H
		5720.36	52.81	-25.49	78.3	41.99	35.78	7.16	32.12	102	303	P	H
		5714.04	42.95	-11.05	54	32.15	35.77	7.15	32.12	102	303	A	H
	*	5785	106.35	-	-	95.43	35.82	7.2	32.1	102	303	P	H
	*	5785	96.14	-	-	85.22	35.82	7.2	32.1	102	303	A	H
		5855.52	54.13	-24.17	78.3	43.05	35.89	7.26	32.07	102	303	P	H
		5885.52	53.65	-20.35	74	42.52	35.9	7.3	32.07	102	303	P	H
		5882.16	43.43	-10.57	54	32.32	35.9	7.28	32.07	102	303	A	H
		5714.92	53.45	-20.55	74	42.65	35.77	7.15	32.12	107	333	P	V
		5718.76	54.06	-24.24	78.3	43.24	35.78	7.16	32.12	107	333	P	V
		5713.72	43.11	-10.89	54	32.31	35.77	7.15	32.12	107	333	A	V
	*	5785	108.42	-	-	97.5	35.82	7.2	32.1	107	333	P	V
	*	5785	98.43	-	-	87.51	35.82	7.2	32.1	107	333	A	V
		5857.6	53.54	-24.76	78.3	42.46	35.89	7.26	32.07	107	333	P	V
		5883.6	54.09	-19.91	74	42.98	35.9	7.28	32.07	107	333	P	V
		5878.4	43.38	-10.62	54	32.27	35.9	7.28	32.07	107	333	A	V



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 165 5825MHz	*	5827	107	-	-	95.99	35.86	7.24	32.09	101	304	P	H
	*	5827	97.16	-	-	86.15	35.86	7.24	32.09	101	304	A	H
		5850.88	70.16	-8.14	78.3	59.1	35.88	7.26	32.08	101	304	P	H
		5860.4	64.35	-9.65	74	53.25	35.89	7.28	32.07	101	304	P	H
		5860.08	47.8	-6.2	54	36.7	35.89	7.28	32.07	101	304	A	H
													H
													H
													H
	*	5823	108.59	-	-	97.58	35.86	7.24	32.09	106	333	P	V
	*	5823	98.81	-	-	87.8	35.86	7.24	32.09	106	333	A	V
		5850.48	71.68	-6.62	78.3	60.62	35.88	7.26	32.08	106	333	P	V
		5861.04	66.31	-7.69	74	55.21	35.89	7.28	32.07	106	333	P	V
		5860	48.79	-5.21	54	37.71	35.89	7.26	32.07	106	333	A	V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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	44.68	-29.32	74	52.27	38.99	10.33	56.91	100	0	P	H
		17233	47.74	-26.26	74	50.79	42.01	12.65	57.71	100	0	P	H
													H
													H
		11490	44.17	-29.83	74	51.76	38.99	10.33	56.91	100	0	P	V
		17233	47.02	-26.98	74	50.07	42.01	12.65	57.71	100	0	P	V
													V
													V
802.11a CH 157 5785MHz		11570	43.97	-30.03	74	51.49	39.03	10.36	56.91	100	0	P	H
		17353	46.93	-27.07	74	50.13	41.96	12.85	58.01	100	0	P	H
													H
													H
		11570	44.46	-29.54	74	51.98	39.03	10.36	56.91	100	0	P	V
		17353	46.41	-27.59	74	49.61	41.96	12.85	58.01	100	0	P	V
													V
													V
802.11a CH 165 5825MHz		11650	43.96	-30.04	74	51.42	39.06	10.41	56.93	100	0	P	H
		17473	46.9	-27.1	74	50.26	41.91	13.04	58.31	100	0	P	H
													H
													H
		11652	45.9	-28.1	74	53.36	39.06	10.41	56.93	100	0	P	V
		17473	47.32	-26.68	74	50.68	41.91	13.04	58.31	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												


15E 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		5714.92	61.67	-12.33	74	50.87	35.77	7.15	32.12	103	304	P	H
		5724.44	73.16	-5.14	78.3	62.34	35.78	7.16	32.12	103	304	P	H
		5715	47.18	-6.82	54	36.38	35.77	7.15	32.12	103	304	A	H
	*	5747	105.06	-	-	94.2	35.79	7.18	32.11	103	304	P	H
	*	5747	94.93	-	-	84.07	35.79	7.18	32.11	103	304	A	H
													H
													H
													H
		5711	63.31	-10.69	74	52.51	35.77	7.15	32.12	107	333	P	V
		5723.48	76.8	-1.5	78.3	65.98	35.78	7.16	32.12	107	333	P	V
		5715	48.5	-5.5	54	37.7	35.77	7.15	32.12	107	333	A	V
	*	5743	106.72	-	-	95.86	35.79	7.18	32.11	107	333	P	V
	*	5743	97.01	-	-	86.15	35.79	7.18	32.11	107	333	A	V
													V
													V
													V



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 157 5785MHz		5704.2	54.06	-19.94	74	43.26	35.77	7.15	32.12	102	303	P	H
		5717.48	53.72	-24.58	78.3	42.91	35.77	7.16	32.12	102	303	P	H
		5712.36	43.13	-10.87	54	32.33	35.77	7.15	32.12	102	303	A	H
	*	5783	104.91	-	-	93.99	35.82	7.2	32.1	102	303	P	H
	*	5783	94.45	-	-	83.53	35.82	7.2	32.1	102	303	A	H
		5853.12	53.42	-24.88	78.3	42.36	35.88	7.26	32.08	102	303	P	H
		5874.48	53.36	-20.64	74	42.25	35.9	7.28	32.07	102	303	P	H
		5867.92	43.63	-10.37	54	32.53	35.89	7.28	32.07	102	303	A	H
		5696.52	53.75	-20.25	74	42.98	35.75	7.15	32.13	106	331	P	V
		5721.08	53.33	-24.97	78.3	42.51	35.78	7.16	32.12	106	331	P	V
		5714.76	43.17	-10.83	54	32.37	35.77	7.15	32.12	106	331	A	V
	*	5787	106.65	-	-	95.72	35.83	7.2	32.1	106	331	P	V
	*	5787	97.02	-	-	86.09	35.83	7.2	32.1	106	331	A	V
		5850.88	53.72	-24.58	78.3	42.66	35.88	7.26	32.08	106	331	P	V
		5888.08	54.14	-19.86	74	42.98	35.92	7.3	32.06	106	331	P	V
		5863.44	43.59	-10.41	54	32.49	35.89	7.28	32.07	106	331	A	V



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 165 5825MHz	*	5827	104.61	-	-	93.6	35.86	7.24	32.09	102	304	P	H
	*	5827	94.88	-	-	83.87	35.86	7.24	32.09	102	304	A	H
		5850.4	67.94	-10.36	78.3	56.88	35.88	7.26	32.08	102	304	P	H
		5860.88	60.75	-13.25	74	49.65	35.89	7.28	32.07	102	304	P	H
		5877.2	45.88	-8.12	54	34.77	35.9	7.28	32.07	102	304	A	H
													H
													H
													H
	*	5827	106.75	-	-	95.74	35.86	7.24	32.09	105	333	P	V
	*	5827	96.99	-	-	85.98	35.86	7.24	32.09	105	333	A	V
		5850.48	71.04	-7.26	78.3	59.98	35.88	7.26	32.08	105	333	P	V
		5860.08	65.55	-8.45	74	54.45	35.89	7.28	32.07	105	333	P	V
		5877.2	46.97	-7.03	54	35.86	35.9	7.28	32.07	105	333	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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	44.14	-29.86	74	51.73	38.99	10.33	56.91	100	0	P	H
		17233	47.62	-26.38	74	50.67	42.01	12.65	57.71	100	0	P	H
													H
													H
		11490	44.49	-29.51	74	52.08	38.99	10.33	56.91	100	0	P	V
		17233	46.58	-27.42	74	49.63	42.01	12.65	57.71	100	0	P	V
													V
													V
802.11n HT20 CH 157 5785MHz		11570	44.35	-29.65	74	51.87	39.03	10.36	56.91	100	0	P	H
		17353	46.58	-27.42	74	49.78	41.96	12.85	58.01	100	0	P	H
													H
													H
		11570	44.65	-29.35	74	52.17	39.03	10.36	56.91	100	0	P	V
		17353	46.07	-27.93	74	49.27	41.96	12.85	58.01	100	0	P	V
													V
													V
802.11n HT20 CH 165 5825MHz		11650	43.98	-30.02	74	51.44	39.06	10.41	56.93	100	0	P	H
		17473	46.73	-27.27	74	50.09	41.91	13.04	58.31	100	0	P	H
													H
													H
		11650	44.57	-29.43	74	52.03	39.06	10.41	56.93	100	0	P	V
		17473	46.55	-27.45	74	49.91	41.91	13.04	58.31	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												


15E 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		5712.44	70.58	-3.42	74	59.78	35.77	7.15	32.12	103	304	P	H
		5724.92	72.43	-5.87	78.3	61.61	35.78	7.16	32.12	103	304	P	H
		5713.48	52.07	-1.93	54	41.27	35.77	7.15	32.12	103	304	A	H
	*	5757	103.21	-	-	92.33	35.81	7.18	32.11	103	304	P	H
	*	5757	92.21	-	-	81.33	35.81	7.18	32.11	103	304	A	H
		5859.28	54.18	-24.12	78.3	43.1	35.89	7.26	32.07	103	304	P	H
		5887.68	53.47	-20.53	74	42.31	35.92	7.3	32.06	103	304	P	H
		5860.4	44.03	-9.97	54	32.93	35.89	7.28	32.07	103	304	A	H
		5714.36	71.98	-2.02	74	61.18	35.77	7.15	32.12	108	333	P	V
		5716.76	76	-2.3	78.3	65.19	35.77	7.16	32.12	108	333	P	V
		5715	53.41	-0.59	54	42.61	35.77	7.15	32.12	108	333	A	V
	*	5753	104.81	-	-	93.93	35.81	7.18	32.11	108	333	P	V
	*	5753	94.73	-	-	83.85	35.81	7.18	32.11	108	333	A	V
		5850.08	54.05	-24.25	78.3	42.99	35.88	7.26	32.08	108	333	P	V
		5887.12	53.63	-20.37	74	42.5	35.9	7.3	32.07	108	333	P	V
		5861.28	43.83	-10.17	54	32.73	35.89	7.28	32.07	108	333	A	V



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 159 5795MHz		5710.36	54.35	-19.65	74	43.55	35.77	7.15	32.12	102	304	P	H
		5724.68	55.06	-23.24	78.3	44.24	35.78	7.16	32.12	102	304	P	H
		5691.72	43.65	-10.35	54	32.9	35.75	7.13	32.13	102	304	A	H
	*	5797	102.29	-	-	91.34	35.83	7.22	32.1	102	304	P	H
	*	5797	92.75	-	-	81.8	35.83	7.22	32.1	102	304	A	H
		5853.68	61.63	-16.67	78.3	50.55	35.89	7.26	32.07	102	304	P	H
		5861.44	58.59	-15.41	74	47.49	35.89	7.28	32.07	102	304	P	H
		5860.24	45.37	-8.63	54	34.27	35.89	7.28	32.07	102	304	A	H
		5711.4	54.86	-19.14	74	44.06	35.77	7.15	32.12	107	333	P	V
		5720.12	57.67	-20.63	78.3	46.85	35.78	7.16	32.12	107	333	P	V
		5691.88	44.11	-9.89	54	33.36	35.75	7.13	32.13	107	333	A	V
	*	5793	104.02	-	-	93.07	35.83	7.22	32.1	107	333	P	V
	*	5793	94.47	-	-	83.52	35.83	7.22	32.1	107	333	A	V
		5850.88	62.57	-15.73	78.3	51.51	35.88	7.26	32.08	107	333	P	V
		5862.64	61.37	-12.63	74	50.27	35.89	7.28	32.07	107	333	P	V
		5860.32	45.83	-8.17	54	34.73	35.89	7.28	32.07	107	333	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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		11510	44.45	-29.55	74	52.01	39	10.34	56.9	100	0	P	H
		17267	46.25	-27.75	74	49.32	41.99	12.73	57.79	100	0	P	H
													H
													H
		11510	44.8	-29.2	74	52.36	39	10.34	56.9	100	0	P	V
		17267	45.8	-28.2	74	48.87	41.99	12.73	57.79	100	0	P	V
													V
													V
802.11n HT40 CH 159 5795MHz		11590	44.73	-29.27	74	52.24	39.03	10.38	56.92	100	0	P	H
		17387	47.14	-26.86	74	50.36	41.95	12.93	58.1	100	0	P	H
													H
													H
		11590	44.39	-29.61	74	51.9	39.03	10.38	56.92	100	0	P	V
		17387	47.17	-26.83	74	50.39	41.95	12.93	58.1	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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		5711.4	61.47	-12.53	74	50.67	35.77	7.15	32.12	102	304	P	H
		5724.2	63.45	-14.85	78.3	52.63	35.78	7.16	32.12	102	304	P	H
		5711.96	49.11	-4.89	54	38.31	35.77	7.15	32.12	102	304	A	H
	*	5773	97.72	-	-	86.8	35.82	7.2	32.1	102	304	P	H
	*	5773	87.84	-	-	76.92	35.82	7.2	32.1	102	304	A	H
		5851.2	61.38	-16.92	78.3	50.32	35.88	7.26	32.08	102	304	P	H
		5865.2	59.86	-14.14	74	48.76	35.89	7.28	32.07	102	304	P	H
		5862.4	46.9	-7.1	54	35.8	35.89	7.28	32.07	102	304	A	H
		5713.48	64.08	-9.92	74	53.28	35.77	7.15	32.12	107	334	P	V
		5724.28	66.85	-11.45	78.3	56.03	35.78	7.16	32.12	107	334	P	V
		5714.92	51.31	-2.69	54	40.51	35.77	7.15	32.12	107	334	A	V
	*	5773	99.39	-	-	88.47	35.82	7.2	32.1	107	334	P	V
	*	5773	89.7	-	-	78.78	35.82	7.2	32.1	107	334	A	V
		5852.16	61.71	-16.59	78.3	50.65	35.88	7.26	32.08	107	334	P	V
		5860.56	59.46	-14.54	74	48.36	35.89	7.28	32.07	107	334	P	V
		5860.24	46.91	-7.09	54	35.81	35.89	7.28	32.07	107	334	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												


15E 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	43.97	-30.03	74	51.5	39.02	10.36	56.91	100	0	P	H
		17327	45.62	-28.38	74	48.76	41.97	12.81	57.92	100	0	P	H
													H
													H
		11550	43.85	-30.15	74	51.38	39.02	10.36	56.91	100	0	P	V
		17327	45.85	-28.15	74	48.99	41.97	12.81	57.92	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E Emission below 1GHz

5GHz 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)
5GHz 802.11a LF		145.29	27.81	-15.69	43.5	46.83	11.5	1.26	31.78	125	6	P	H
		177.96	21.14	-22.36	43.5	42.49	9.03	1.4	31.78			P	H
		215.76	10.07	-33.43	43.5	31.06	9.26	1.53	31.78			P	H
		570.2	19.72	-26.28	46	29.54	19.8	2.37	31.99			P	H
		723.5	20.7	-25.3	46	28.43	21.58	2.7	32.01			P	H
		762.7	22.22	-23.78	46	29.23	22.18	2.77	31.96			P	H
													H
													H
													H
													H
													H
													H
		62.67	29.72	-10.28	40	54.66	5.96	0.89	31.79	200	129	P	V
		145.29	18.08	-25.42	43.5	37.1	11.5	1.26	31.78			P	V
		263.82	11.99	-34.01	46	28.57	13.5	1.69	31.77			P	V
		556.9	21.1	-24.9	46	30.76	19.98	2.34	31.98			P	V
		820.8	21.62	-24.38	46	27.94	22.63	2.87	31.82			P	V
		931.4	24.36	-21.64	46	28.18	24.32	3.04	31.18			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		(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”.