



Appendix A. Radiated Spurious Emission

Test Engineer :	Stan Hsieh and Ken Wu	Temperature :	21~23°C
		Relative Humidity :	47~49%

<Sample 1>

2.4GHz 2400~2483.5MHz

BT (Band Edge @ 3m)

BT	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
DH5		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BT CH00 2402MHz		2341.72	47.75	-26.25	74	42.21	32.11	7.68	34.25	133	245	P	H
		2341.72	22.99	-31.01	54	-	-	-	-	-	-	A	H
	*	2402.3	101.69	-	-	96.06	32.18	7.75	34.3	133	245	P	H
	*	2402.3	76.93	-	-	-	-	-	-	-	-	A	H
													H
													H
		2327.29	47.6	-26.4	74	42.13	32.09	7.6	34.22	327	197	P	V
		2327.29	22.84	-31.16	54	-	-	-	-	-	-	A	V
	*	2402.3	97.85	-	-	92.22	32.18	7.75	34.3	327	197	P	V
	*	2402.3	73.09	-	-	-	-	-	-	-	-	A	V
													V
													V
BT CH 39 2441MHz		2337.17	48.4	-25.6	74	42.91	32.11	7.6	34.22	100	239	P	H
		2337.17	23.64	-30.36	54	-	-	-	-	-	-	A	H
	*	2440.91	102.66	-	-	96.98	32.24	7.83	34.39	100	239	P	H
	*	2440.91	77.9	-	-	-	-	-	-	-	-	A	H
		2493.35	50.69	-23.31	74	44.96	32.3	7.91	34.48	100	239	P	H
		2493.35	25.93	-28.07	54	-	-	-	-	-	-	A	H
		2364.91	47.21	-26.79	74	41.67	32.13	7.68	34.27	390	309	P	V
		2364.91	22.45	-31.55	54	-	-	-	-	-	-	A	V
	*	2440.91	97.68	-	-	92	32.24	7.83	34.39	390	309	P	V
	*	2440.91	72.92	-	-	-	-	-	-	-	-	A	V
		2489.93	47.13	-26.87	74	41.35	32.3	7.91	34.43	390	309	P	V
		2489.93	22.37	-31.63	54	-	-	-	-	-	-	A	V



BT CH 78 2480MHz	*	2479.91	103.94	-	-	98.18	32.28	7.91	34.43	100	247	P	H
	*	2479.91	79.18	-	-	-	-	-	-	-	-	A	H
		2483.48	49.56	-24.44	74	43.8	32.28	7.91	34.43	100	247	P	H
		2483.48	24.8	-29.2	54	-	-	-	-	-	-	A	H
													H
													H
	*	2479.91	99.08	-	-	93.32	32.28	7.91	34.43	354	168	P	V
	*	2479.91	74.32	-	-	-	-	-	-	-	-	A	V
		2483.83	48.25	-25.75	74	42.49	32.28	7.91	34.43	354	168	P	V
		2483.83	23.49	-30.51	54	-	-	-	-	-	-	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

BT (Harmonic @ 3m)

BT	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
DH5				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BT CH 00 2402MHz		4804	55.72	-18.28	74	69.32	34.25	11.11	58.96	100	0	P	H
		4804	30.96	-23.04	54	-	-	-	-	-	-	A	H
													H
													H
		4803	48.7	-25.3	74	62.3	34.25	11.11	58.96	100	0	P	V
		4803	23.94	-30.06	54	-	-	-	-	-	-	A	V
													V
													V
BT CH 39 2441MHz		4881	58	-16	74	71.32	34.3	11.21	58.83	100	0	P	H
		4881	33.24	-20.76	54							A	H
		7323	48.56	-25.44	74	55.62	35.6	15.08	57.74	100	0	P	H
		7323	23.8	-30.2	54							A	H
		4884	50.96	-23.04	74	64.28	34.3	11.21	58.83	100	0	P	V
		4884	26.2	-27.8	54							A	V
		7320	48.07	-25.93	74	55.13	35.6	15.08	57.74	100	0	P	V
		7320	23.31	-30.69	54							A	V
BT CH 78 2480MHz		4959	57.93	-16.07	74	70.9	34.37	11.32	58.66	100	0	P	H
		4959	33.17	-20.83	54							A	H
		7440	48.85	-25.15	74	55.97	35.6	15.13	57.85	100	0	P	H
		7440	24.09	-29.91	54							A	H
		4962	49.39	-24.61	74	62.36	34.37	11.32	58.66	100	0	P	V
		4962	24.63	-29.37	54							A	V
		7440	46.98	-27.02	74	54.1	35.6	15.13	57.85	100	0	P	V
		7440	22.22	-31.78	54							A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

2.4GHz BT (LF)

BT	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
DH5				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz BT LF		38.37	24.2	-15.8	40	39.21	14.44	1.77	31.22			P	H
		159.87	24.3	-19.2	43.5	42.39	10.5	2.61	31.2			P	H
		268.14	31.94	-14.06	46	46.77	13.01	3.16	31	200	57	P	H
		315.4	25.81	-20.19	46	40.18	13.35	3.28	31			P	H
		372.1	25.74	-20.26	46	38.45	14.94	3.39	31.04			P	H
		953.8	29.5	-16.5	46	30.43	24.51	4.94	30.38			P	H
													H
													H
													H
													H
													H
													H
		39.45	27.6	-12.4	40	43.03	14	1.77	31.2	227	154	P	V
		91.02	22.22	-21.28	43.5	42.46	8.8	2.06	31.1			P	V
		268.14	23.15	-22.85	46	37.98	13.01	3.16	31			P	V
		371.4	24.12	-21.88	46	36.86	14.92	3.39	31.05			P	V
		626.9	24.35	-21.65	46	30.35	20.33	4.22	30.55			P	V
		822.9	26.57	-19.43	46	29.64	22.58	4.7	30.35			P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



2.4GHz 2400~2483.5MHz

BT (Band Edge @ 3m)

BT	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
2DH5				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BT CH00 2402MHz		2343.93	47.58	-26.42	74	42.04	32.11	7.68	34.25	132	246	P	H
		2343.93	22.82	-31.18	54	-	-	-	-	-	-	A	H
	*	2401.91	100.55	-	-	94.92	32.18	7.75	34.3	132	246	P	H
	*	2401.91	75.79	-	-	-	-	-	-	-	-	A	H
													H
													H
		2329.63	48.1	-25.9	74	42.63	32.09	7.6	34.22	384	197	P	V
		2329.63	23.34	-30.66	54	-	-	-	-	-	-	A	V
	*	2401.78	96.21	-	-	90.58	32.18	7.75	34.3	384	197	P	V
	*	2401.78	71.45	-	-	-	-	-	-	-	-	A	V
													V
													V
BT CH 39 2441MHz		2331.85	47.74	-26.26	74	42.27	32.09	7.6	34.22	100	239	P	H
		2331.85	22.98	-31.02	54	-	-	-	-	-	-	A	H
	*	2440.91	101.45	-	-	95.77	32.24	7.83	34.39	100	239	P	H
	*	2440.91	76.69	-	-	-	-	-	-	-	-	A	H
		2493.16	49.64	-24.36	74	43.91	32.3	7.91	34.48	100	239	P	H
		2493.16	24.88	-29.12	54	-	-	-	-	-	-	A	H
		2341.54	47.21	-26.79	74	41.67	32.11	7.68	34.25	390	309	P	V
		2341.54	22.45	-31.55	54	-	-	-	-	-	-	A	V
	*	2440.91	96.56	-	-	90.88	32.24	7.83	34.39	390	309	P	V
	*	2440.91	71.8	-	-	-	-	-	-	-	-	A	V
		2493.73	47.61	-26.39	74	41.88	32.3	7.91	34.48	390	309	P	V
		2493.73	22.85	-31.15	54	-	-	-	-	-	-	A	V



BT CH 78 2480MHz	*	2479.91	102.51	-	-	96.75	32.28	7.91	34.43	100	247	P	H
	*	2479.91	77.75	-	-	-	-	-	-	-	-	A	H
		2483.55	49.25	-24.75	74	43.49	32.28	7.91	34.43	100	247	P	H
		2483.55	24.49	-29.51	54	-	-	-	-	-	-	A	H
													H
													H
	*	2479.91	98	-	-	92.24	32.28	7.91	34.43	354	168	P	V
	*	2479.91	73.24	-	-	-	-	-	-	-	-	A	V
		2483.55	48.53	-25.47	74	42.77	32.28	7.91	34.43	354	168	P	V
		2483.55	23.77	-30.23	54	-	-	-	-	-	-	A	V
													V
													V
Remark 1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



2.4GHz 2400~2483.5MHz

BT (Harmonic @ 3m)

BT	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
2DH5				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BT CH 00 2402MHz		4806	50.96	-23.04	74	64.56	34.25	11.11	58.96	100	0	P	H
		4806	26.2	-27.8	54							A	H
													H
													H
		4806	46.1	-27.9	74	59.7	34.25	11.11	58.96	100	0	P	V
		4806	21.34	-32.66	54							A	V
													V
													V
BT CH 39 2441MHz		4884	54.58	-19.42	74	67.9	34.3	11.21	58.83	100	0	P	H
		4884	29.82	-24.18	54							A	H
		7326	45.8	-28.2	74	52.86	35.6	15.08	57.74	100	0	P	H
		7326	21.04	-32.96	54							A	H
		4884	48.02	-25.98	74	61.34	34.3	11.21	58.83	100	0	P	V
		4884	23.26	-30.74	54							A	V
		7326	44.96	-29.04	74	52.02	35.6	15.08	57.74	100	0	P	V
		7326	20.2	-33.8	54							A	V
BT CH 78 2480MHz		4962	56.19	-17.81	74	69.16	34.37	11.32	58.66	100	0	P	H
		4962	31.43	-22.57	54							A	H
		7440	46.86	-27.14	74	53.98	35.6	15.13	57.85	100	0	P	H
		7440	22.1	-31.9	54							A	H
		4962	48	-26	74	60.97	34.37	11.32	58.66	100	0	P	V
		4962	23.24	-30.76	54							A	V
		7440	44.31	-29.69	74	51.43	35.6	15.13	57.85	100	0	P	V
		7440	19.55	-34.45	54							A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

2.4GHz BT (LF)

BT	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
2DH5				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz BT LF		38.37	30.78	-9.22	40	45.79	14.44	1.77	31.22	154	56	P	H
		47.01	24.55	-15.45	40	44.53	9.45	1.77	31.2			P	H
		159.87	24.59	-18.91	43.5	42.68	10.5	2.61	31.2			P	H
		375.6	26.01	-19.99	46	38.64	15	3.39	31.02			P	H
		542.2	22.45	-23.55	46	30.37	18.84	4.01	30.77			P	H
		965.7	29.39	-24.61	54	30.03	24.76	4.94	30.34			P	H
													H
													H
													H
													H
													H
													H
		39.99	29.06	-10.94	40	44.49	14	1.77	31.2	187	20	P	V
		92.1	22.69	-20.81	43.5	42.83	8.9	2.06	31.1			P	V
		258.15	22.97	-23.03	46	37.33	13.68	2.96	31			P	V
		315.4	18.98	-27.02	46	33.35	13.35	3.28	31			P	V
		671	24.47	-21.53	46	30.17	20.41	4.35	30.46			P	V
		979.7	29.03	-24.97	54	29.37	25	4.94	30.28			P	V
													V
													V
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													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



2.4GHz 2400~2483.5MHz

BT (Band Edge @ 3m)

BT	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
3DH5				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BT CH00 2402MHz		2332.88	47.42	-26.58	74	41.95	32.09	7.6	34.22	133	245	P	H
		2332.88	22.66	-31.34	54	-	-	-	-	-	-	A	H
	*	2402.17	100.73	-	-	95.1	32.18	7.75	34.3	133	245	P	H
	*	2402.17	75.97	-	-	-	-	-	-	-	-	A	H
													H
													H
		2364.99	47.58	-26.42	74	42.04	32.13	7.68	34.27	384	197	P	V
		2364.99	22.82	-31.18	54	-	-	-	-	-	-	A	V
	*	2402.17	96.4	-	-	90.77	32.18	7.75	34.3	384	197	P	V
	*	2402.17	71.64	-	-	-	-	-	-	-	-	A	V
													V
													V
BT CH 39 2441MHz		2346.1	47.6	-26.4	74	42.06	32.11	7.68	34.25	100	239	P	H
		2346.1	22.84	-31.16	54	-	-	-	-	-	-	A	H
	*	2441.29	101.65	-	-	95.97	32.24	7.83	34.39	100	239	P	H
	*	2441.29	76.89	-	-	-	-	-	-	-	-	A	H
		2493.35	49.56	-24.44	74	43.83	32.3	7.91	34.48	100	239	P	H
		2493.35	24.8	-29.2	54	-	-	-	-	-	-	A	H
		2381.44	47.2	-26.8	74	41.56	32.16	7.75	34.27	390	309	P	V
		2381.44	22.44	-31.56	54	-	-	-	-	-	-	A	V
	*	2441.1	96.89	-	-	91.21	32.24	7.83	34.39	390	309	P	V
	*	2441.1	72.13	-	-	-	-	-	-	-	-	A	V
		2492.4	47.01	-26.99	74	41.28	32.3	7.91	34.48	390	309	P	V
		2492.4	22.25	-31.75	54	-	-	-	-	-	-	A	V



BT CH 78 2480MHz	*	2480.05	102.7	-	-	96.94	32.28	7.91	34.43	100	247	P	H
	*	2480.05	77.94	-	-	-	-	-	-	-	-	A	H
		2483.76	49.08	-24.92	74	43.32	32.28	7.91	34.43	100	247	P	H
		2483.76	24.32	-29.68	54	-	-	-	-	-	-	A	H
													H
													H
	*	2480.05	98.22	-	-	92.46	32.28	7.91	34.43	354	168	P	V
	*	2480.05	73.46	-	-	-	-	-	-	-	-	A	V
		2491.25	48	-26	74	42.22	32.3	7.91	34.43	354	168	P	V
		2491.25	23.24	-30.76	54	-	-	-	-	-	-	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

BT (Harmonic @ 3m)

BT	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
3DH5				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BT CH 00 2402MHz		4806	52.15	-21.85	74	65.75	34.25	11.11	58.96	100	0	P	H
		4806	27.39	-26.61	54	-	-	-	-	-	-	A	H
													H
													H
		4806	46.74	-27.26	74	60.34	34.25	11.11	58.96	100	0	P	V
		4806	21.98	-32.02	54	-	-	-	-	-	-	A	V
													V
													V
BT CH 39 2441MHz		4884	54.71	-19.29	74	68.03	34.3	11.21	58.83	100	0	P	H
		4884	29.95	-24.05	54							A	H
		7320	45.7	-28.3	74	52.76	35.6	15.08	57.74	100	0	P	H
		7320	20.94	-33.06	54							A	H
		4884	47.9	-26.1	74	61.22	34.3	11.21	58.83	100	0	P	V
		4884	23.14	-30.86	54							A	V
		7320	45.47	-28.53	74	52.53	35.6	15.08	57.74	100	0	P	V
		7320	20.71	-33.29	54							A	V
BT CH 78 2480MHz		4962	56.02	-17.98	74	68.99	34.37	11.32	58.66	100	0	P	H
		4962	31.26	-22.74	54	-	-	-	-	-	-	A	H
		7440	45.67	-28.33	74	52.79	35.6	15.13	57.85	100	0	P	H
		7440	20.91	-33.09	54	-	-	-	-	-	-	A	H
		4962	48.38	-25.62	74	61.35	34.37	11.32	58.66	100	0	P	V
		4962	23.62	-30.38	54	-	-	-	-	-	-	A	V
		7440	43.99	-30.01	74	51.11	35.6	15.13	57.85	100	0	P	V
		7440	19.23	-34.77	54	-	-	-	-	-	-	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

2.4GHz BT (LF)

BT	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
3DH5				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz BT LF		34.59	22.46	-17.54	40	35.79	16.2	1.77	31.3			P	H
		51.33	19.73	-20.27	40	41.16	8	1.77	31.2			P	H
		260.04	31.24	-14.76	46	45.08	14	3.16	31	184	111	P	H
		331.5	21.56	-24.44	46	35.43	13.85	3.28	31			P	H
		634.6	24.64	-21.36	46	30.55	20.4	4.22	30.53			P	H
		965.7	29.39	-24.61	54	30.03	24.76	4.94	30.34			P	H
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		34.05	26.3	-13.7	40	39.15	16.72	1.77	31.34			P	V
		47.82	27.78	-12.22	40	47.76	9.45	1.77	31.2	163	254	P	V
		258.15	22.97	-23.03	46	37.33	13.68	2.96	31			P	V
		545.7	22.68	-23.32	46	30.13	19.32	4.01	30.78			P	V
		824.3	27.36	-18.64	46	30.37	22.64	4.7	30.35			P	V
		988.1	29.26	-24.74	54	29.64	24.84	5.03	30.25			P	V
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Remark	1. No other spurious found. 2. All results are PASS against limit line.												



<Sample 2>

2.4GHz 2400~2483.5MHz

BT (Band Edge @ 3m)

BT	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
DH5				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BT CH 39 2441MHz		2388.66	48.45	-25.55	74	42.79	32.18	7.75	34.27	136	239	P	H
		2388.66	23.69	-30.31	54							A	H
	*	2440.91	104.89	-	-	99.21	32.24	7.83	34.39	136	239	P	H
	*	2440.91	80.13	-	-							A	H
		2493.16	51.02	-22.98	74	45.29	32.3	7.91	34.48	136	239	P	H
		2493.16	26.26	-27.74	54							A	H
		2375.93	47.26	-26.74	74	41.69	32.16	7.68	34.27	400	292	P	V
		2375.93	22.5	-31.5	54							A	V
	*	2440.91	99.66	-	-	93.98	32.24	7.83	34.39	400	292	P	V
	*	2440.91	74.9	-	-							A	V
		2492.97	48.68	-25.32	74	42.95	32.3	7.91	34.48	400	292	P	V
		2492.97	23.92	-30.08	54							A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

BT (Harmonic @ 3m)

BT	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
DH5				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BT CH 39 2441MHz		4884	49.71	-24.29	74	63.03	34.3	11.21	58.83	100	0	P	H
		4884	24.95	-29.05	54	-	-	-	-	-	-	A	H
		7320	52.5	-21.5	74	59.56	35.6	15.08	57.74	100	0	P	H
		7320	27.74	-26.26	54	-	-	-	-	-	-	A	H
		4884	52.54	-21.46	74	65.86	34.3	11.21	58.83	100	0	P	V
		4884	27.78	-26.22	54	-	-	-	-	-	-	A	V
		7320	51.28	-22.72	74	58.34	35.6	15.08	57.74	100	0	P	V
		7320	26.52	-27.48	54	-	-	-	-	-	-	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

2.4GHz BT (LF)

BT	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
DH5				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz BT LF		37.83	36.65	-3.35	40	51.24	14.88	1.77	31.24	100	254	P	H
		91.83	23.3	-20.2	43.5	43.44	8.9	2.06	31.1			P	H
		268.14	31.53	-14.47	46	46.36	13.01	3.16	31			P	H
		371.4	28.91	-17.09	46	41.65	14.92	3.39	31.05			P	H
		728.4	26.38	-19.62	46	30.48	21.89	4.41	30.4			P	H
		850.2	27.57	-18.43	46	29.98	23.29	4.7	30.4			P	H
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		38.91	30.08	-9.92	40	45.09	14.44	1.77	31.22	136	187	P	V
		47.82	27.78	-12.22	40	47.76	9.45	1.77	31.2			P	V
		79.95	26.67	-13.33	40	48.84	6.97	2.06	31.2			P	V
		386.8	21.59	-24.41	46	33.66	15.38	3.52	30.97			P	V
		671	24.47	-21.53	46	30.17	20.41	4.35	30.46			P	V
		898.5	28.14	-17.86	46	30.64	23.14	4.66	30.3			P	V
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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”.