



Appendix B. Radiated Spurious Emission

Test Engineer :	Elvis Chen and Stan Hsieh	Temperature :	22~24°C
		Relative Humidity :	46~48%

Band 4 - 5725~5850MHz

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 149 5745MHz		5707.96	52.2	-21.8	74	44.04	32.52	8.3	32.66	207	27	P	H
		5715	44.17	-9.83	54	36.01	32.52	8.3	32.66	207	27	A	H
		5723.8	56.31	-21.99	78.3	48.11	32.53	8.33	32.66	207	27	P	H
	*	5747	103.29	-	-	95.09	32.54	8.33	32.67	207	27	P	H
	*	5747	95.78	-	-	87.58	32.54	8.33	32.67	207	27	A	H
													H
													H
													H
		5709.88	51.78	-22.22	74	43.62	32.52	8.3	32.66	194	354	P	V
		5715	42.47	-11.53	54	34.31	32.52	8.3	32.66	194	354	A	V
		5724.36	52.02	-26.28	78.3	43.82	32.53	8.33	32.66	194	354	P	V
	*	5747	98.84	-	-	90.64	32.54	8.33	32.67	194	354	P	V
	*	5747	90.93	-	-	82.73	32.54	8.33	32.67	194	354	A	V
													V
													V
													V



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 157 5785MHz		5703.08	51.18	-22.82	74	43.01	32.52	8.3	32.65	212	25	P	H
		5701.88	42.74	-11.26	54	34.57	32.52	8.3	32.65	212	25	A	H
		5722.2	51.64	-26.66	78.3	43.44	32.53	8.33	32.66	212	25	P	H
	*	5787	103.02	-	-	94.77	32.58	8.35	32.68	212	25	P	H
	*	5787	96.53	-	-	88.28	32.58	8.35	32.68	212	25	A	H
		5851.12	50.87	-27.43	78.3	42.53	32.61	8.43	32.7	212	25	P	H
		5862.4	51.41	-22.59	74	43.07	32.62	8.43	32.71	212	25	P	H
		5878.08	42.37	-11.63	54	34.02	32.63	8.43	32.71	212	25	A	H
		5691.56	51.41	-22.59	74	43.25	32.51	8.3	32.65	194	356	P	V
		5707	42.07	-11.93	54	33.91	32.52	8.3	32.66	194	356	A	V
		5721.24	50.66	-27.64	78.3	42.49	32.53	8.3	32.66	194	356	P	V
	*	5784	99.42	-	-	91.18	32.57	8.35	32.68	194	356	P	V
	*	5784	92.16	-	-	83.92	32.57	8.35	32.68	194	356	A	V
		5859.6	50.4	-27.9	78.3	42.06	32.62	8.43	32.71	194	356	P	V
		5886.96	51.3	-22.7	74	42.92	32.63	8.47	32.72	194	356	P	V
		5883.2	42.06	-11.94	54	33.67	32.63	8.47	32.71	194	356	A	V



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 165 5825MHz	*	5826	102.68	-	-	94.38	32.6	8.39	32.69	170	23	P	H
	*	5826	94.93	-	-	86.63	32.6	8.39	32.69	170	23	A	H
		5851.44	52.02	-26.28	78.3	43.68	32.61	8.43	32.7	170	23	P	H
		5873.28	51.54	-22.46	74	43.19	32.63	8.43	32.71	170	23	P	H
		5863.36	42.86	-11.14	54	34.52	32.62	8.43	32.71	170	23	A	H
													H
													H
													H
	*	5823	98.89	-	-	90.59	32.6	8.39	32.69	200	356	P	V
	*	5823	91.89	-	-	83.59	32.6	8.39	32.69	200	356	A	V
		5856.32	50.75	-27.55	78.3	42.4	32.62	8.43	32.7	200	356	P	V
		5869.92	51.32	-22.68	74	42.98	32.62	8.43	32.71	200	356	P	V
		5861.76	42.26	-11.74	54	33.92	32.62	8.43	32.71	200	356	A	V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 149 5745MHz		11490	41.92	-32.08	74	52.13	40.01	12.58	62.8	100	0	P	H
		17235	39.41	-34.59	74	42.84	41.05	15.66	60.14	100	0	P	H
													H
													H
		11490	40.69	-33.31	74	50.9	40.01	12.58	62.8	100	0	P	V
		17235	39.72	-34.28	74	43.15	41.05	15.66	60.14	100	0	P	V
													V
													V
802.11a CH 157 5785MHz		11570	41.85	-32.15	74	52.05	39.88	12.66	62.74	100	0	P	H
		17355	38.88	-35.12	74	41.92	41.38	15.79	60.21	100	0	P	H
													H
													H
		11570	41.23	-32.77	74	51.43	39.88	12.66	62.74	100	0	P	V
		17355	38.9	-35.1	74	41.94	41.38	15.79	60.21	100	0	P	V
													V
													V
802.11a CH 165 5825MHz		11650	39.57	-34.43	74	49.78	39.75	12.73	62.69	100	0	P	H
		17475	37.04	-36.96	74	39.68	41.71	15.93	60.28	100	0	P	H
													H
													H
		11650	39.27	-34.73	74	49.48	39.75	12.73	62.69	100	0	P	V
		17475	37.39	-36.61	74	40.03	41.71	15.93	60.28	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 4 5725~5850MHz****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 149 5745MHz		5712.6	53.39	-20.61	74	45.23	32.52	8.3	32.66	210	29	P	H
		5715	44.45	-9.55	54	36.29	32.52	8.3	32.66	210	29	A	H
		5724.68	59.12	-19.18	78.3	50.92	32.53	8.33	32.66	210	29	P	H
	*	5746	104.26	-	-	96.06	32.54	8.33	32.67	210	29	P	H
	*	5746	96.19	-	-	87.99	32.54	8.33	32.67	210	29	A	H
													H
													H
													H
		5693	51.9	-22.1	74	43.74	32.51	8.3	32.65	194	356	P	V
		5714.2	42.6	-11.4	54	34.44	32.52	8.3	32.66	194	356	A	V
		5723.24	54.22	-24.08	78.3	46.02	32.53	8.33	32.66	194	356	P	V
	*	5747	99.02	-	-	90.82	32.54	8.33	32.67	194	356	P	V
	*	5747	91.83	-	-	83.63	32.54	8.33	32.67	194	356	A	V
													V
													V
													V



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 157 5785MHz		5700.44	51.52	-22.48	74	43.36	32.51	8.3	32.65	198	25	P	H
		5722.44	52.98	-25.32	78.3	44.78	32.53	8.33	32.66	198	25	P	H
		5711.88	42.64	-11.36	54	34.48	32.52	8.3	32.66	198	25	A	H
	*	5787	103.49	-	-	95.24	32.58	8.35	32.68	198	25	P	H
	*	5787	96.01	-	-	87.76	32.58	8.35	32.68	198	25	A	H
		5857.92	51.3	-27	78.3	42.96	32.62	8.43	32.71	198	25	P	H
		5861.36	52.58	-21.42	74	44.24	32.62	8.43	32.71	198	25	P	H
		5873.76	42.39	-11.61	54	34.04	32.63	8.43	32.71	198	25	A	H
		5690.84	50.71	-23.29	74	42.55	32.51	8.3	32.65	195	356	P	V
		5722.04	51.54	-26.76	78.3	43.34	32.53	8.33	32.66	195	356	P	V
		5698.84	41.95	-12.05	54	33.79	32.51	8.3	32.65	195	356	A	V
	*	5783	99.16	-	-	90.92	32.57	8.35	32.68	195	356	P	V
	*	5783	92.14	-	-	83.9	32.57	8.35	32.68	195	356	A	V
		5856.64	50.44	-27.86	78.3	42.09	32.62	8.43	32.7	195	356	P	V
		5873.36	50.44	-23.56	74	42.09	32.63	8.43	32.71	195	356	P	V
		5873.92	42.06	-11.94	54	33.71	32.63	8.43	32.71	195	356	A	V



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 165 5825MHz	*	5823	102.91	-	-	94.61	32.6	8.39	32.69	223	27	P	H
	*	5823	94.84	-	-	86.54	32.6	8.39	32.69	223	27	A	H
		5850.64	51.83	-26.47	78.3	43.49	32.61	8.43	32.7	223	27	P	H
		5884.16	51.35	-22.65	74	42.97	32.63	8.47	32.72	223	27	P	H
		5860.56	42.92	-11.08	54	34.58	32.62	8.43	32.71	223	27	A	H
													H
													H
													H
	*	5827	97.42	-	-	89.12	32.6	8.39	32.69	190	357	P	V
	*	5827	90.42	-	-	82.12	32.6	8.39	32.69	190	357	A	V
		5850.4	50.64	-27.66	78.3	42.3	32.61	8.43	32.7	190	357	P	V
		5864.56	50.66	-23.34	74	42.32	32.62	8.43	32.71	190	357	P	V
		5863.2	42.35	-11.65	54	34.01	32.62	8.43	32.71	190	357	A	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz
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 149 5745MHz		11490	41.59	-32.41	74	51.8	40.01	12.58	62.8	100	0	P	H
		17235	39.88	-34.12	74	43.31	41.05	15.66	60.14	100	0	P	H
													H
													H
		11490	42.73	-31.27	74	52.94	40.01	12.58	62.8	100	0	P	V
		17235	40.44	-33.56	74	43.87	41.05	15.66	60.14	100	0	P	V
													V
													V
802.11n HT20 CH 157 5785MHz		11570	40.78	-33.22	74	50.98	39.88	12.66	62.74	100	0	P	H
		17355	38.85	-35.15	74	41.89	41.38	15.79	60.21	100	0	P	H
													H
													H
		11570	41.35	-32.65	74	51.55	39.88	12.66	62.74	100	0	P	V
		17355	38.4	-35.6	74	41.44	41.38	15.79	60.21	100	0	P	V
													V
													V
802.11n HT20 CH 165 5825MHz		10650	45.79	-28.21	74	56.58	40.02	12.13	62.94	100	0	P	H
		17475	48.43	-25.57	74	51.07	41.71	15.93	60.28	100	0	P	H
													H
													H
		10650	45.98	-28.02	74	56.77	40.02	12.13	62.94	100	0	P	V
		17475	47.22	-26.78	74	49.86	41.71	15.93	60.28	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 CH 149 5745MHz LF		30.54	19.07	-20.93	40	30.79	19.46	0.65	31.83			P	H
		39.18	16.98	-23.02	40	33.09	15.06	0.65	31.82			P	H
		156.09	26.53	-16.97	43.5	45.68	11.3	1.33	31.78			P	H
		318.2	30.86	-15.14	46	46.44	14.31	1.88	31.77			P	H
		348.3	31.68	-14.32	46	46.37	15.15	1.94	31.78	132	96	P	H
		768.3	27.78	-18.22	46	34.99	21.78	2.97	31.96			P	H
													H
													H
													H
													H
													H
													H
		41.34	29.28	-10.72	40	47.07	13.38	0.65	31.82	205	66	P	V
		58.89	27.71	-12.29	40	52.17	6.41	0.93	31.8			P	V
		76.44	21.95	-18.05	40	45.28	7.53	0.93	31.79			P	V
		315.4	22.52	-23.48	46	38.18	14.23	1.88	31.77			P	V
		335.7	23.95	-22.05	46	38.98	14.8	1.94	31.77			P	V
		951.7	28.44	-17.56	46	31.88	24.29	3.29	31.02			P	V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

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 157 5785MHz LF		31.89	20.28	-19.72	40	32.54	18.92	0.65	31.83			P	H
		156.09	25.82	-17.68	43.5	44.97	11.3	1.33	31.78			P	H
		163.92	24.29	-19.21	43.5	44.04	10.7	1.33	31.78			P	H
		318.2	32.68	-13.32	46	48.26	14.31	1.88	31.77	100	133	P	H
		347.6	28.3	-17.7	46	43.02	15.12	1.94	31.78			P	H
		939.8	27.58	-18.42	46	31.32	24.08	3.29	31.11			P	H
													H
													H
													H
													H
													H
													H
		41.07	28.29	-11.71	40	45.52	13.94	0.65	31.82	117	336	P	V
		56.73	22.29	-17.71	40	46.13	7.03	0.93	31.8			P	V
		91.56	21.31	-22.19	43.5	42.63	9.32	1.14	31.78			P	V
		323.8	22.72	-23.28	46	38.14	14.47	1.88	31.77			P	V
		933.5	27.67	-18.33	46	31.62	23.93	3.29	31.17			P	V
		951.7	28.03	-17.97	46	31.47	24.29	3.29	31.02			P	V
													V
													V
												V	
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

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 165 5825MHz LF		31.62	19.82	-20.18	40	32.08	18.92	0.65	31.83			P	H
		156.09	26.28	-17.22	43.5	45.43	11.3	1.33	31.78			P	H
		160.68	23.79	-19.71	43.5	43.24	11	1.33	31.78			P	H
		335.7	30.38	-15.62	46	45.41	14.8	1.94	31.77	156	78	P	H
		342	29.22	-16.78	46	44.08	14.98	1.94	31.78			P	H
		958.7	27.83	-18.17	46	31.23	24.27	3.29	30.96			P	H
													H
													H
													H
													H
													H
													H
													H
		41.07	28.32	-11.68	40	45.55	13.94	0.65	31.82	100	114	P	V
		47.55	25.32	-14.68	40	45.75	10.45	0.93	31.81			P	V
		55.65	21.52	-18.48	40	44.74	7.65	0.93	31.8			P	V
		335.7	22.81	-23.19	46	37.84	14.8	1.94	31.77			P	V
		348.3	21.78	-24.22	46	36.47	15.15	1.94	31.78			P	V
		911.8	28.22	-17.78	46	32.9	23.46	3.2	31.34			P	V
													V
													V
													V
													V
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Emission below 1GHz

WIFI 802.11n HT20 (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 HT20 CH 149 5745MHz LF		31.62	20.33	-19.67	40	32.59	18.92	0.65	31.83			P	H
		156.09	25.75	-17.75	43.5	44.9	11.3	1.33	31.78			P	H
		207.12	21.31	-22.19	43.5	41.15	10.32	1.62	31.78			P	H
		300	28.79	-17.21	46	44.87	13.8	1.88	31.76	100	63	P	H
		365.8	26.71	-19.29	46	40.76	15.61	2.13	31.79			P	H
		958	27.99	-18.01	46	31.4	24.27	3.29	30.97			P	H
													H
													H
													H
													H
													H
													H
		41.61	27.34	-12.66	40	45.12	13.38	0.65	31.81	105	223	P	V
		48.36	23.96	-16.04	40	44.8	10.03	0.93	31.8			P	V
		74.01	18.02	-21.98	40	41.71	7.17	0.93	31.79			P	V
		306.3	22.53	-23.47	46	38.42	13.99	1.88	31.76			P	V
		335.7	22.5	-23.5	46	37.53	14.8	1.94	31.77			P	V
		933.5	28.47	-17.53	46	32.42	23.93	3.29	31.17			P	V
													V
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													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

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 157 5785MHz LF		31.08	19.67	-20.33	40	31.39	19.46	0.65	31.83			P	H	
		155.82	25.21	-18.29	43.5	44.36	11.3	1.33	31.78			P	H	
		288.12	32.98	-13.02	46	49.32	13.54	1.88	31.76	130	12	P	H	
		300	28.62	-17.38	46	44.7	13.8	1.88	31.76			P	H	
		323.8	27.8	-18.2	46	43.22	14.47	1.88	31.77			P	H	
		720	32.53	-13.47	46	40.74	20.99	2.82	32.02			P	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
		41.88	27.08	-12.92	40	44.86	13.38	0.65	31.81				P	V
		47.01	24.31	-15.69	40	44.74	10.45	0.93	31.81				P	V
		75.63	29.53	-10.47	40	52.98	7.41	0.93	31.79	149	120		P	V
		335.7	23.64	-22.36	46	38.67	14.8	1.94	31.77				P	V
		582.8	23.58	-22.42	46	33.73	19.29	2.57	32.01				P	V
		944	28.2	-17.8	46	31.82	24.17	3.29	31.08				P	V
														V
													V	
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													V	
													V	
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.													

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 165 5825MHz LF		40.53	22.66	-17.34	40	39.89	13.94	0.65	31.82			P	H
		156.09	25.33	-18.17	43.5	44.48	11.3	1.33	31.78			P	H
		270.03	31.36	-14.64	46	47.87	13.5	1.76	31.77	102	88	P	H
		335.7	30.8	-15.2	46	45.83	14.8	1.94	31.77			P	H
		360.2	27.86	-18.14	46	42.25	15.45	1.94	31.78			P	H
		372.1	27.04	-18.96	46	40.91	15.79	2.13	31.79			P	H
													H
													H
													H
													H
													H
													H
													H
		39.99	26.76	-13.24	40	43.43	14.5	0.65	31.82	139	252	P	V
		58.89	25.4	-14.6	40	49.86	6.41	0.93	31.8			P	V
		77.52	17.33	-22.67	40	40.54	7.65	0.93	31.79			P	V
		335.7	22.51	-23.49	46	37.54	14.8	1.94	31.77			P	V
		721.4	32.7	-13.3	46	40.86	21.03	2.82	32.01			P	V
		937.7	28	-18	46	31.8	24.04	3.29	31.13			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”.