



Appendix B. Radiated Spurious Emission

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

Band 4 - 5725~5850MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	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		5648.4	50.2	-18	68.2	40.1	32.17	11.47	33.54	271	85	P	H	
		5697.8	51.44	-52.14	103.58	41.3	32.23	11.47	33.56	271	85	P	H	
		5717.8	56.24	-53.94	110.18	46.08	32.27	11.46	33.57	271	85	P	H	
		5721.8	58.83	-56.07	114.9	48.67	32.27	11.46	33.57	271	85	P	H	
	*	5745	102.45	-	-	92.27	32.29	11.46	33.57	271	85	P	H	
	*	5745	93.59	-	-	83.41	32.29	11.46	33.57	271	85	A	H	
														H
														H
			5615.6	50.02	-18.18	68.2	39.93	32.14	11.48	33.53	180	334	P	V
			5690.6	50.89	-47.38	98.27	40.75	32.23	11.47	33.56	180	334	P	V
			5717.8	55.18	-55	110.18	45.02	32.27	11.46	33.57	180	334	P	V
			5723.4	60.5	-58.05	118.55	50.34	32.27	11.46	33.57	180	334	P	V
	*		5745	102.91	-	-	92.73	32.29	11.46	33.57	180	334	P	V
	*		5745	93.88	-	-	83.7	32.29	11.46	33.57	180	334	A	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)
		5610.2	50.55	-17.65	68.2	40.48	32.12	11.48	33.53	271	85	P	H
		5689.6	49.09	-48.44	97.53	38.95	32.23	11.47	33.56	271	85	P	H
		5713.2	49.58	-59.32	108.9	39.44	32.25	11.46	33.57	271	85	P	H
		5724.6	48.07	-73.22	121.29	37.91	32.27	11.46	33.57	271	85	P	H
	*	5785	100.63	-	-	90.44	32.33	11.45	33.59	271	85	P	H
	*	5785	93.44	-	-	83.25	32.33	11.45	33.59	271	85	A	H
		5851.8	49.43	-68.67	118.1	39.1	32.41	11.53	33.61	271	85	P	H
		5856.2	48.89	-61.57	110.46	38.54	32.43	11.53	33.61	271	85	P	H
		5889.2	49.32	-45.34	94.66	38.87	32.48	11.6	33.63	271	85	P	H
		5948.8	49.41	-18.79	68.2	38.78	32.54	11.74	33.65	271	85	P	H
													H
													H
802.11a													
CH 157													
5785MHz		5631.4	49.87	-18.33	68.2	39.8	32.14	11.47	33.54	183	333	P	V
		5682.2	49.61	-42.46	92.07	39.49	32.21	11.47	33.56	183	333	P	V
		5720	49.71	-61.09	110.8	39.55	32.27	11.46	33.57	183	333	P	V
		5722.8	50.49	-66.69	117.18	40.33	32.27	11.46	33.57	183	333	P	V
	*	5785	101.31	-	-	91.12	32.33	11.45	33.59	183	333	P	V
	*	5785	93.77	-	-	83.58	32.33	11.45	33.59	183	333	A	V
		5850.4	49.26	-72.03	121.29	38.93	32.41	11.53	33.61	183	333	P	V
		5867	48.53	-58.91	107.44	38.12	32.43	11.6	33.62	183	333	P	V
		5925	49.14	-19.06	68.2	38.59	32.52	11.67	33.64	183	333	P	V
		5925	49.14	-19.06	68.2	38.59	32.52	11.67	33.64	183	333	P	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 165 5825MHz	*	5825	100.84	-	-	90.52	32.39	11.53	33.6	266	85	P	H	
	*	5825	93.27	-	-	82.95	32.39	11.53	33.6	266	85	A	H	
		5852.4	53.26	-63.47	116.73	42.93	32.41	11.53	33.61	266	85	P	H	
		5861	50.72	-58.4	109.12	40.31	32.43	11.6	33.62	266	85	P	H	
		5886	49.42	-47.61	97.03	38.99	32.46	11.6	33.63	266	85	P	H	
		5942	50.11	-18.09	68.2	39.48	32.54	11.74	33.65	266	85	P	H	
														H
														H
	*	5825	100.48	-	-	90.16	32.39	11.53	33.6	170	337	P	V	
	*	5825	93.09	-	-	82.77	32.39	11.53	33.6	170	337	A	V	
		5853.4	51.98	-62.47	114.45	41.65	32.41	11.53	33.61	170	337	P	V	
		5855	51.94	-58.86	110.8	41.59	32.43	11.53	33.61	170	337	P	V	
		5881.8	49.86	-50.29	100.15	39.42	32.46	11.6	33.62	170	337	P	V	
		5937.2	49.23	-18.97	68.2	38.69	32.52	11.67	33.65	170	337	P	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	43.69	-30.31	74	38.78	40.3	15.85	51.24	100	0	P	H
		17235	45.95	-22.25	68.2	35.73	41.64	20.57	51.99	100	0	P	H
													H
													H
		11490	43.17	-30.83	74	38.26	40.3	15.85	51.24	100	0	P	V
		17235	45.64	-22.56	68.2	35.42	41.64	20.57	51.99	100	0	P	V
													V
													V
802.11a CH 157 5785MHz		11570	43.01	-30.99	74	38.24	40.12	15.91	51.26	100	0	P	H
		17355	45.89	-22.31	68.2	35.06	42.06	20.78	52.01	100	0	P	H
													H
													H
		11570	43.19	-30.81	74	38.42	40.12	15.91	51.26	100	0	P	V
		17355	46.07	-22.13	68.2	35.24	42.06	20.78	52.01	100	0	P	V
													V
													V
802.11a CH 165 5825MHz		11650	43.72	-30.28	74	39.1	39.94	15.97	51.29	100	0	P	H
		17475	47.8	-20.4	68.2	36.35	42.48	20.99	52.02	100	0	P	H
													H
													H
		11650	42.84	-31.16	74	38.22	39.94	15.97	51.29	100	0	P	V
		17475	47.42	-20.78	68.2	35.97	42.48	20.99	52.02	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		5649.6	49.16	-19.04	68.2	39.04	32.19	11.47	33.54	274	84	P	H	
		5697.2	50.91	-52.23	103.14	40.77	32.23	11.47	33.56	274	84	P	H	
		5712	51.22	-57.34	108.56	41.08	32.25	11.46	33.57	274	84	P	H	
		5724.8	55.54	-66.2	121.74	45.38	32.27	11.46	33.57	274	84	P	H	
	*	5745	100.03	-	-	89.85	32.29	11.46	33.57	274	84	P	H	
	*	5745	93.18	-	-	83	32.29	11.46	33.57	274	84	A	H	
														H
														H
			5638.2	49.98	-18.22	68.2	39.88	32.17	11.47	33.54	198	335	P	V
			5699	50.3	-54.16	104.46	40.16	32.23	11.47	33.56	198	335	P	V
			5710.6	52.11	-56.06	108.17	41.97	32.25	11.46	33.57	198	335	P	V
			5724.2	56.52	-63.86	120.38	46.36	32.27	11.46	33.57	198	335	P	V
	*		5745	100.88	-	-	90.7	32.29	11.46	33.57	198	335	P	V
	*		5745	93.67	-	-	83.49	32.29	11.46	33.57	198	335	A	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)
		5614	49.65	-18.55	68.2	39.58	32.12	11.48	33.53	277	85	P	H
		5651.8	50.96	-18.58	69.54	40.84	32.19	11.47	33.54	277	85	P	H
		5703.8	48.41	-57.86	106.27	38.26	32.25	11.46	33.56	277	85	P	H
		5724.2	49.45	-70.93	120.38	39.29	32.27	11.46	33.57	277	85	P	H
	*	5785	99.66	-	-	89.47	32.33	11.45	33.59	277	85	P	H
	*	5785	91.88	-	-	81.69	32.33	11.45	33.59	277	85	A	H
		5852	49.16	-68.48	117.64	38.83	32.41	11.53	33.61	277	85	P	H
		5864.2	49.84	-58.38	108.22	39.43	32.43	11.6	33.62	277	85	P	H
		5893	50.02	-41.82	91.84	39.57	32.48	11.6	33.63	277	85	P	H
		5932	49.29	-18.91	68.2	38.74	32.52	11.67	33.64	277	85	P	H
802.11n													H
HT20													H
CH 157		5645.2	49.62	-18.58	68.2	39.52	32.17	11.47	33.54	183	335	P	V
5785MHz		5661.8	50.58	-26.38	76.96	40.47	32.19	11.47	33.55	183	335	P	V
		5719	49.52	-61	110.52	39.36	32.27	11.46	33.57	183	335	P	V
		5723.6	49.01	-70	119.01	38.85	32.27	11.46	33.57	183	335	P	V
	*	5785	99.89	-	-	89.7	32.33	11.45	33.59	183	335	P	V
	*	5785	92.17	-	-	81.98	32.33	11.45	33.59	183	335	A	V
		5852	49.19	-68.45	117.64	38.86	32.41	11.53	33.61	183	335	P	V
		5874.6	49.09	-56.22	105.31	38.65	32.46	11.6	33.62	183	335	P	V
		5905.8	51.52	-30.85	82.37	40.98	32.5	11.67	33.63	183	335	P	V
		5946.6	48.29	-19.91	68.2	37.66	32.54	11.74	33.65	183	335	P	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 165 5825MHz	*	5825	99.3	-	-	88.98	32.39	11.53	33.6	266	84	P	H	
	*	5825	91.63	-	-	81.31	32.39	11.53	33.6	266	84	A	H	
		5850	49.14	-73.06	122.2	38.81	32.41	11.53	33.61	266	84	P	H	
		5856.6	50.27	-60.08	110.35	39.92	32.43	11.53	33.61	266	84	P	H	
		5907.8	49.98	-30.91	80.89	39.44	32.5	11.67	33.63	266	84	P	H	
		5946.2	49.44	-18.76	68.2	38.81	32.54	11.74	33.65	266	84	P	H	
														H
														H
	*	5825	99.59	-	-	89.27	32.39	11.53	33.6	191	335	P	V	
	*	5825	92.03	-	-	81.71	32.39	11.53	33.6	191	335	A	V	
		5851.8	50.77	-67.33	118.1	40.44	32.41	11.53	33.61	191	335	P	V	
		5872.2	49.5	-56.48	105.98	39.06	32.46	11.6	33.62	191	335	P	V	
		5877.4	49.61	-53.81	103.42	39.17	32.46	11.6	33.62	191	335	P	V	
		5927.8	48.79	-19.41	68.2	38.24	32.52	11.67	33.64	191	335	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 (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	43.8	-30.2	74	38.89	40.3	15.85	51.24	100	0	P	H	
		17235	44.7	-23.5	68.2	34.48	41.64	20.57	51.99	100	0	P	H	
													H	
													H	
			11490	42.78	-31.22	74	37.87	40.3	15.85	51.24	100	0	P	V
			17235	45.86	-22.34	68.2	35.64	41.64	20.57	51.99	100	0	P	V
														V
802.11n HT20 CH 157 5785MHz		11570	43.27	-30.73	74	38.5	40.12	15.91	51.26	100	0	P	H	
		17355	46.58	-21.62	68.2	35.75	42.06	20.78	52.01	100	0	P	H	
													H	
													H	
			11570	42.18	-31.82	74	37.41	40.12	15.91	51.26	100	0	P	V
			17355	45.93	-22.27	68.2	35.1	42.06	20.78	52.01	100	0	P	V
														V
802.11n HT20 CH 165 5825MHz		11650	43.03	-30.97	74	38.41	39.94	15.97	51.29	100	0	P	H	
		17475	47.55	-20.65	68.2	36.1	42.48	20.99	52.02	100	0	P	H	
													H	
													H	
			11650	43.5	-30.5	74	38.88	39.94	15.97	51.29	100	0	P	V
			17475	47.65	-20.55	68.2	36.2	42.48	20.99	52.02	100	0	P	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 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)
		5617.8	49.8	-18.4	68.2	39.71	32.14	11.48	33.53	276	84	P	H
		5695.4	50.83	-50.98	101.81	40.69	32.23	11.47	33.56	276	84	P	H
		5717	56.44	-53.52	109.96	46.3	32.25	11.46	33.57	276	84	P	H
		5720.8	56.29	-56.33	112.62	46.13	32.27	11.46	33.57	276	84	P	H
	*	5755	98.38	-	-	88.18	32.31	11.46	33.57	276	84	P	H
	*	5755	90.62	-	-	80.42	32.31	11.46	33.57	276	84	A	H
		5850	49.77	-72.43	122.2	39.44	32.41	11.53	33.61	276	84	P	H
		5855.6	49.47	-61.16	110.63	39.12	32.43	11.53	33.61	276	84	P	H
		5919.4	48.55	-23.78	72.33	38.02	32.5	11.67	33.64	276	84	P	H
		5931.2	49.4	-18.8	68.2	38.85	32.52	11.67	33.64	276	84	P	H
802.11n													H
HT40													H
CH 151		5633.2	49.58	-18.62	68.2	39.48	32.17	11.47	33.54	199	334	P	V
5755MHz		5696.4	51.2	-51.35	102.55	41.06	32.23	11.47	33.56	199	334	P	V
		5719.6	54.22	-56.47	110.69	44.06	32.27	11.46	33.57	199	334	P	V
		5723	58.17	-59.47	117.64	48.01	32.27	11.46	33.57	199	334	P	V
	*	5755	99.12	-	-	88.92	32.31	11.46	33.57	199	334	P	V
	*	5755	90.96	-	-	80.76	32.31	11.46	33.57	199	334	A	V
		5853	48.7	-66.66	115.36	38.37	32.41	11.53	33.61	199	334	P	V
		5860.6	49.94	-59.29	109.23	39.53	32.43	11.6	33.62	199	334	P	V
		5901.2	49.9	-35.87	85.77	39.38	32.48	11.67	33.63	199	334	P	V
		5930	48.69	-19.51	68.2	38.14	32.52	11.67	33.64	199	334	P	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)
		5631.4	49.92	-18.28	68.2	39.85	32.14	11.47	33.54	278	85	P	H
		5658.2	49.6	-24.69	74.29	39.49	32.19	11.47	33.55	278	85	P	H
		5708.4	50.27	-57.28	107.55	40.13	32.25	11.46	33.57	278	85	P	H
		5724.4	48.57	-72.26	120.83	38.41	32.27	11.46	33.57	278	85	P	H
	*	5795	98.45	-	-	88.24	32.35	11.45	33.59	278	85	P	H
	*	5795	89.79	-	-	79.58	32.35	11.45	33.59	278	85	A	H
		5852.2	48.9	-68.28	117.18	38.57	32.41	11.53	33.61	278	85	P	H
		5874.4	49.33	-56.04	105.37	38.89	32.46	11.6	33.62	278	85	P	H
		5893.6	49.18	-42.22	91.4	38.73	32.48	11.6	33.63	278	85	P	H
		5934.4	48.83	-19.37	68.2	38.29	32.52	11.67	33.65	278	85	P	H
802.11n													H
HT40													H
CH 159		5607.6	49.56	-18.64	68.2	39.49	32.12	11.48	33.53	199	338	P	V
5795MHz		5654.6	50.34	-21.28	71.62	40.23	32.19	11.47	33.55	199	338	P	V
		5711.8	49.45	-59.06	108.51	39.31	32.25	11.46	33.57	199	338	P	V
		5720.4	49.47	-62.24	111.71	39.31	32.27	11.46	33.57	199	338	P	V
	*	5795	97.86	-	-	87.65	32.35	11.45	33.59	199	338	P	V
	*	5795	89.95	-	-	79.74	32.35	11.45	33.59	199	338	A	V
		5850.2	49.72	-72.02	121.74	39.39	32.41	11.53	33.61	199	338	P	V
		5865.2	49.91	-58.03	107.94	39.5	32.43	11.6	33.62	199	338	P	V
		5917.2	50.88	-23.07	73.95	40.35	32.5	11.67	33.64	199	338	P	V
		5941.2	48.59	-19.61	68.2	37.96	32.54	11.74	33.65	199	338	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 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 151 5755MHz		11510	43.37	-30.63	74	38.43	40.3	15.88	51.24	100	0	P	H
		17265	45.81	-22.39	68.2	35.41	41.76	20.64	52	100	0	P	H
													H
													H
		11510	43.65	-30.35	74	38.71	40.3	15.88	51.24	100	0	P	V
		17265	46.12	-22.08	68.2	35.72	41.76	20.64	52	100	0	P	V
													V
													V
802.11n HT40 CH 159 5795MHz		11590	42.4	-31.6	74	37.64	40.08	15.94	51.26	100	0	P	H
		17385	46.49	-21.71	68.2	35.47	42.18	20.85	52.01	100	0	P	H
													H
													H
		11590	42.45	-31.55	74	37.69	40.08	15.94	51.26	100	0	P	V
		17385	47.22	-20.98	68.2	36.2	42.18	20.85	52.01	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

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		31.08	24.49	-15.51	40	29.85	25.18	1.29	31.83			P	H	
		129.63	19.69	-23.81	43.5	31.69	18	1.78	31.78			P	H	
		200.1	21.56	-21.94	43.5	35.24	16	2.1	31.78			P	H	
		543.6	26.13	-19.87	46	29.92	24.7	3.47	31.96			P	H	
		728.4	29.4	-16.6	46	30.12	27.27	4.02	32.01			P	H	
		939.1	33.7	-12.3	46	29.89	30.3	4.63	31.12	124	194	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
			31.89	26.12	-13.88	40	32	24.66	1.29	31.83			P	V
			49.17	24.63	-15.37	40	39.81	15.33	1.29	31.8			P	V
			129.09	18.11	-25.39	43.5	30.14	17.97	1.78	31.78			P	V
			583.5	27.39	-18.61	46	30.32	25.41	3.67	32.01			P	V
			725.6	29.74	-16.26	46	30.52	27.21	4.02	32.01			P	V
			958.7	33.92	-12.08	46	29.61	30.58	4.69	30.96	271	312	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.
!	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

- Level(dBμV/m) =
Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
- Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

- 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)
- Over Limit(dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 55.45(dBμV/m) – 74(dBμV/m)
= -18.55(dB)

For Average Limit @ 2390MHz:

- 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)
- 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”.