



Appendix B. Radiated Spurious Emission

Test Engineer :	Nick Yu and Ken Wu and James Chiu	Temperature :	21~23°C
		Relative Humidity :	60~63%

15C Band 4 5750~5850MHz

WIFI 802.11ac VHT10 (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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac CH 147 5735MHz		5735	132.07	-	-	118.74	35.24	12.26	34.17	101	182	P	H
		5735	122.27	-	-	108.94	35.24	12.26	34.17	101	182	A	H
		11470	63.89	-10.11	74	66.22	38.18	17.38	57.89	155	337	P	H
		11470	51.13	-2.87	54	53.46	38.18	17.38	57.89	155	337	A	H
		5735	131.95	-	-	118.62	35.24	12.26	34.17	182	182	P	V
		5735	122.24	-	-	108.91	35.24	12.26	34.17	182	182	A	V
		11470	65.79	-8.21	74	68.12	38.18	17.38	57.89	340	360	P	V
		11470	52.87	-1.13	54	55.2	38.18	17.38	57.89	340	360	A	V
802.11ac CH 158 5790MHz		5792	130.96	-	-	117.51	35.28	12.4	34.23	110	182	P	H
		5792	120.89	-	-	107.44	35.28	12.4	34.23	110	182	A	H
		11585	63.35	-10.65	74	65.19	38.32	17.5	57.66	142	342	P	H
		11585	50.92	-3.08	54	52.76	38.32	17.5	57.66	142	342	A	H
		5790	131.75	-	-	118.3	35.28	12.4	34.23	182	182	P	V
		5790	122.1	-	-	108.65	35.28	12.4	34.23	182	182	A	V
		11585	66.44	-7.56	74	68.28	38.32	17.5	57.66	205	13	P	V
		11585	52.15	-1.85	54	53.99	38.32	17.5	57.66	205	12	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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac CH 168 5840MHz		5840	128.81	-	-	115.36	35.31	12.45	34.31	102	182	P	H
		5840	119.06	-	-	105.61	35.31	12.45	34.31	102	182	A	H
		11680	64.4	-9.6	74	65.91	38.44	17.57	57.52	146	338	P	H
		11680	50.01	-3.99	54	51.52	38.44	17.57	57.52	146	338	A	H
													H
		5838	130.68	-	-	117.23	35.31	12.45	34.31	182	182	P	V
		5838	121.72	-	-	108.27	35.31	12.45	34.31	182	182	A	V
		11680	61.48	-12.52	74	62.99	38.44	17.57	57.52	343	354	P	V
		11680	48.42	-5.58	54	49.93	38.44	17.57	57.52	343	354	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15C Band 4 5750~5850MHz

WIFI 802.11ac VHT20 (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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac CH 148 5740MHz		5740	128.91	-	-	115.58	35.24	12.26	34.17	102	182	P	H
		5740	118.56	-	-	105.23	35.24	12.26	34.17	102	182	A	H
		11480	63.37	-10.63	74	65.7	38.18	17.38	57.89	156	340	P	H
		11480	49.35	-4.65	54	51.68	38.18	17.38	57.89	156	340	A	H
													H
		5740	129.28	-	-	115.95	35.24	12.26	34.17	182	182	P	V
		5740	119.56	-	-	106.23	35.24	12.26	34.17	182	182	A	V
		11480	64.56	-9.44	74	66.89	38.18	17.38	57.89	154	342	P	V
		11480	51.64	-2.36	54	53.97	38.18	17.38	57.89	154	342	A	V
													V
802.11ac CH 158 5790MHz		5790	127.52	-	-	114.07	35.28	12.4	34.23	102	182	P	H
		5790	117.7	-	-	104.25	35.28	12.4	34.23	102	182	A	H
		11580	62.43	-11.57	74	64.36	38.3	17.46	57.69	156	337	P	H
		11580	47.14	-6.86	54	49.07	38.3	17.46	57.69	156	337	A	H
													H
		5790	128.73	-	-	115.28	35.28	12.4	34.23	182	182	P	V
		5790	119.21	-	-	105.76	35.28	12.4	34.23	182	182	A	V
		11580	63.16	-10.84	74	65.09	38.3	17.46	57.69	158	344	P	V
		11580	48.27	-5.73	54	50.2	38.3	17.46	57.69	158	344	A	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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac CH 167 5835MHz		5835	125.84	-	-	112.4	35.3	12.45	34.31	102	182	P	H
		5835	116.62	-	-	103.18	35.3	12.45	34.31	102	182	A	H
		11675	61.09	-12.91	74	62.6	38.44	17.57	57.52	156	338	P	H
		11675	46.26	-7.74	54	47.77	38.44	17.57	57.52	156	338	A	H
													H
		5835	128	-	-	114.56	35.3	12.45	34.31	182	182	P	V
		5835	118.66	-	-	105.22	35.3	12.45	34.31	182	182	A	V
		11670	60.95	-13.05	74	62.46	38.44	17.57	57.52	158	343	P	V
		11670	47.12	-6.88	54	48.63	38.44	17.57	57.52	158	343	A	V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



15C Band 4 5750~5850MHz

WIFI 802.11ac VHT30 (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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac CH 149 5745MHz		5745	126.03	-	-	112.63	35.24	12.33	34.17	102	182	P	H
		5745	116.48	-	-	103.08	35.24	12.33	34.17	102	182	A	H
		11490	59.35	-14.65	74	61.62	38.19	17.38	57.84	148	336	P	H
		11490	46.29	-7.71	54	48.56	38.19	17.38	57.84	148	336	A	H
													H
		5745	127.86	-	-	114.46	35.24	12.33	34.17	182	182	P	V
		5745	118.01	-	-	104.61	35.24	12.33	34.17	182	182	A	V
		11490	60.05	-13.95	74	62.32	38.19	17.38	57.84	154	343	P	V
		11490	47.67	-6.33	54	49.94	38.19	17.38	57.84	154	343	A	V
													V
802.11ac CH 158 5790MHz		5790	125.68	-	-	112.23	35.28	12.4	34.23	102	182	P	H
		5790	116.73	-	-	103.28	35.28	12.4	34.23	102	182	A	H
		11580	57.85	-16.15	74	59.78	38.3	17.46	57.69	156	337	P	H
		11580	45.13	-8.87	54	47.06	38.3	17.46	57.69	156	337	A	H
													H
		5790	126.62	-	-	113.17	35.28	12.4	34.23	182	182	P	V
		5790	117.89	-	-	104.44	35.28	12.4	34.23	182	182	A	V
		11580	56.85	-17.15	74	58.78	38.3	17.46	57.69	156	348	P	V
		11580	45.02	-8.98	54	46.95	38.3	17.46	57.69	156	348	A	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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac CH 166 5830MHz		5830	123.95	-	-	110.47	35.3	12.45	34.27	102	182	P	H
		5830	114.69	-	-	101.21	35.3	12.45	34.27	102	182	A	H
		11660	57.79	-16.21	74	59.39	38.42	17.53	57.55	152	338	P	H
		11660	44.29	-9.71	54	45.89	38.42	17.53	57.55	152	338	A	H
													H
		5830	126.11	-	-	112.63	35.3	12.45	34.27	182	182	P	V
		5830	116.81	-	-	103.33	35.3	12.45	34.27	182	182	A	V
		11660	58.66	-15.34	74	60.26	38.42	17.53	57.55	210	12	P	V
		11660	44.73	-9.27	54	46.33	38.42	17.53	57.55	210	12	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15C Band 4 5750~5850MHz

WIFI 802.11ac VHT40 (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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac CH 150 5750MHz		5750	125.54	-	-	112.14	35.24	12.33	34.17	138	180	P	H
		5750	115.85	-	-	102.45	35.24	12.33	34.17	138	180	A	H
		11500	59.15	-14.85	74	61.37	38.2	17.38	57.8	166	339	P	H
		11500	45.09	-8.91	54	47.31	38.2	17.38	57.8	166	339	A	H
													H
		5750	126.11	-	-	112.71	35.24	12.33	34.17	178	182	P	V
		5750	116.08	-	-	102.68	35.24	12.33	34.17	178	182	A	V
		11505	58.71	-15.29	74	60.89	38.2	17.42	57.8	227	14	P	V
		11505	47.06	-6.94	54	49.24	38.2	17.42	57.8	227	14	A	V
													V
802.11ac CH 158 5790MHz		5790	125.42	-	-	111.97	35.28	12.4	34.23	138	182	P	H
		5790	115.74	-	-	102.29	35.28	12.4	34.23	138	182	A	H
		11580	56.32	-17.68	74	58.25	38.3	17.46	57.69	157	338	P	H
		11580	43.54	-10.46	54	45.47	38.3	17.46	57.69	157	338	A	H
													H
		5790	125.73	-	-	112.28	35.28	12.4	34.23	178	182	P	V
		5790	115.93	-	-	102.48	35.28	12.4	34.23	178	182	A	V
		11580	58.07	-15.93	74	60	38.3	17.46	57.69	218	14	P	V
		11580	44.52	-9.48	54	46.45	38.3	17.46	57.69	218	14	A	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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac CH 165 5825MHz		5825	123.04	-	-	109.56	35.3	12.45	34.27	138	182	P	H
		5825	113.78	-	-	100.3	35.3	12.45	34.27	138	182	A	H
		11655	56.09	-17.91	74	57.69	38.42	17.53	57.55	158	339	P	H
		11655	42.72	-11.28	54	44.32	38.42	17.53	57.55	158	339	A	H
													H
		5825	125.18	-	-	111.7	35.3	12.45	34.27	182	182	P	V
		5825	115.93	-	-	102.45	35.3	12.45	34.27	182	182	A	V
		11655	58.43	-15.57	74	60.03	38.42	17.53	57.55	211	12	P	V
		11655	43.16	-10.84	54	44.76	38.42	17.53	57.55	211	12	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**15C Band 4 5750~5850MHz****WIFI 802.11ac VHT50 (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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac CH 151 5755MHz		5755	124.64	-	-	111.22	35.26	12.33	34.17	152	182	P	H
		5755	114.94	-	-	101.52	35.26	12.33	34.17	152	182	A	H
		11510	59.71	-14.29	74	61.89	38.2	17.42	57.8	164	335	P	H
		11510	44.51	-9.49	54	46.69	38.2	17.42	57.8	164	335	A	H
													H
		5755	124.67	-	-	111.25	35.26	12.33	34.17	182	182	P	V
		5755	115.43	-	-	102.01	35.26	12.33	34.17	182	182	A	V
		11510	58.24	-15.76	74	60.42	38.2	17.42	57.8	237	13	P	V
		11510	45.89	-8.11	54	48.07	38.2	17.42	57.8	237	13	A	V
													V
802.11ac CH 158 5790MHz		5790	122.45	-	-	109	35.28	12.4	34.23	151	182	P	H
		5790	113.43	-	-	99.98	35.28	12.4	34.23	151	182	A	H
		11580	56.2	-17.8	74	58.13	38.3	17.46	57.69	158	339	P	H
		11580	42.78	-11.22	54	44.71	38.3	17.46	57.69	158	339	A	H
													H
		5790	124.24	-	-	110.79	35.28	12.4	34.23	177	182	P	V
		5790	114.67	-	-	101.22	35.28	12.4	34.23	177	182	A	V
		11585	56.15	-17.85	74	57.99	38.32	17.5	57.66	239	12	P	V
		11585	43.84	-10.16	54	45.68	38.32	17.5	57.66	239	12	A	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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac CH 164 5820MHz		5820	121.59	-	-	108.16	35.3	12.4	34.27	121	182	P	H
		5820	112.3	-	-	98.87	35.3	12.4	34.27	121	182	A	H
		11640	55.6	-18.4	74	57.26	38.39	17.53	57.58	160	339	P	H
		11640	41.81	-12.19	54	43.47	38.39	17.53	57.58	160	339	A	H
													H
		5820	124.13	-	-	110.7	35.3	12.4	34.27	177	182	P	V
		5820	114.77	-	-	101.34	35.3	12.4	34.27	177	182	A	V
		11645	55.73	-18.27	74	57.39	38.39	17.53	57.58	204	12	P	V
		11645	42.43	-11.57	54	44.09	38.39	17.53	57.58	204	12	A	V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



15C Band 4 5750~5850MHz

WIFI 802.11ac VHT60 (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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac CH 152 5760MHz		5760	123.56	-	-	110.17	35.26	12.33	34.2	148	182	P	H
		5760	114.18	-	-	100.79	35.26	12.33	34.2	148	182	A	H
		11520	55.95	-18.05	74	58.08	38.22	17.42	57.77	159	338	P	H
		11520	40.17	-13.83	54	42.3	38.22	17.42	57.77	159	338	A	H
													H
		5762	123.67	-	-	110.28	35.26	12.33	34.2	174	184	P	V
		5762	114.21	-	-	100.82	35.26	12.33	34.2	174	184	A	V
		11520	57.76	-16.24	74	59.89	38.22	17.42	57.77	233	12	P	V
		11520	44.93	-9.07	54	47.06	38.22	17.42	57.77	233	12	A	V
													V
802.11ac CH 158 5790MHz		5790	121.88	-	-	108.43	35.28	12.4	34.23	102	184	P	H
		5790	112.5	-	-	99.05	35.28	12.4	34.23	102	184	A	H
		11585	55.65	-18.35	74	57.49	38.32	17.5	57.66	161	339	P	H
		11585	41.81	-12.19	54	43.65	38.32	17.5	57.66	161	339	A	H
													H
		5790	123.93	-	-	110.48	35.28	12.4	34.23	174	184	P	V
		5790	113.95	-	-	100.5	35.28	12.4	34.23	174	184	A	V
		11580	55.79	-18.21	74	57.72	38.3	17.46	57.69	235	10	P	V
		11580	42.76	-11.24	54	44.69	38.3	17.46	57.69	235	10	A	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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac CH 163 5815MHz		5815	121.89	-	-	108.47	35.29	12.4	34.27	141	183	P	H
		5815	112.29	-	-	98.87	35.29	12.4	34.27	141	183	A	H
		11630	54.44	-19.56	74	56.15	38.37	17.53	57.61	162	339	P	H
		11630	41.02	-12.98	54	42.73	38.37	17.53	57.61	162	339	A	H
													H
		5815	123.3	-	-	109.88	35.29	12.4	34.27	171	183	P	V
		5815	113.52	-	-	100.1	35.29	12.4	34.27	171	183	A	V
		11635	54.77	-19.23	74	56.43	38.39	17.53	57.58	206	12	P	V
		11635	41.67	-12.33	54	43.33	38.39	17.53	57.58	206	12	A	V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



15C Band 4 5750~5850MHz

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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac CH 154 5770MHz		5770	123.29	-	-	109.89	35.27	12.33	34.2	151	183	P	H
		5770	113.57	-	-	100.17	35.27	12.33	34.2	151	183	A	H
		11540	53.53	-20.47	74	55.6	38.25	17.42	57.74	166	337	P	H
		11540	40.08	-13.92	54	42.15	38.25	17.42	57.74	166	337	A	H
													H
		5770	122.42	-	-	109.02	35.27	12.33	34.2	171	183	P	V
		5770	112.52	-	-	99.12	35.27	12.33	34.2	171	183	A	V
		11540	56.7	-17.3	74	58.77	38.25	17.42	57.74	238	13	P	V
		11540	42.08	-11.92	54	44.15	38.25	17.42	57.74	238	13	A	V
													V
4802.11ac CH 158 5790MHz		5790	121.69	-	-	108.24	35.28	12.4	34.23	143	183	P	H
		5790	111.48	-	-	98.03	35.28	12.4	34.23	143	183	A	H
		11580	53.31	-20.69	74	55.24	38.3	17.46	57.69	158	338	P	H
		11580	40.3	-13.7	54	42.23	38.3	17.46	57.69	158	338	A	H
													H
		5790	122.54	-	-	109.09	35.28	12.4	34.23	182	183	P	V
		5790	112.25	-	-	98.8	35.28	12.4	34.23	182	183	A	V
		11580	55.61	-18.39	74	57.54	38.3	17.46	57.69	237	11	P	V
		11580	40.86	-13.14	54	42.79	38.3	17.46	57.69	237	11	A	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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac CH 162 5810MHz		5810	120.25	-	-	106.83	35.29	12.4	34.27	107	183	P	H
		5810	110.67	-	-	97.25	35.29	12.4	34.27	107	183	A	H
		11620	52.69	-21.31	74	54.43	38.37	17.5	57.61	159	340	P	H
		11620	39.77	-14.23	54	41.51	38.37	17.5	57.61	159	340	A	H
													H
		5810	122.43	-	-	109.01	35.29	12.4	34.27	182	183	P	V
		5810	112.47	-	-	99.05	35.29	12.4	34.27	182	183	A	V
		11620	54.27	-19.73	74	56.01	38.37	17.5	57.61	236	12	P	V
		11620	40.29	-13.71	54	42.03	38.37	17.5	57.61	236	12	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15C Emission below 1GHz

5GHz WIFI 802.11ac VHT20 (LF)

[illegible]



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	P eak or A verage
H/V	H orizontal or V ertical

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 CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		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”.