



## Appendix B. Radiated Spurious Emission

Test Engineer :	Citta Ke and Karl Hou	Temperature :	22~25°C
		Relative Humidity :	55~58%

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		5737	129.94	-	-	120.17	32.29	11.64	34.16	236	177	P	H	
		5737	120.1	-	-	110.33	32.29	11.64	34.16	236	177	A	H	
		11470	63.78	-10.22	74	62.79	40.23	17.68	56.92	164	116	P	H	
		11470	53.54	-0.46	54	52.55	40.23	17.68	56.92	164	116	A	H	
		17205	45.71	-28.29	74	41.15	41.38	20.8	57.62	100	0	P	H	
		5736	130.96	-	-	121.19	32.29	11.64	34.16	207	183	P	V	
		5736	118.77	-	-	109	32.29	11.64	34.16	207	183	A	V	
		11470	64.12	-9.88	74	63.13	40.23	17.68	56.92	112	134	P	V	
		11470	53.21	-0.79	54	52.22	40.23	17.68	56.92	112	134	A	V	
		17205	48.32	-25.68	74	43.76	41.38	20.8	57.62	100	0	P	V	
802.11ac CH 158 5790MHz		5788	128.9	-	-	119.03	32.37	11.67	34.17	223	183	P	H	
		5788	118	-	-	108.13	32.37	11.67	34.17	223	183	A	H	
		11580	62.57	-11.43	74	61.62	40.03	17.83	56.91	156	116	P	H	
		11580	53.18	-0.82	54	52.23	40.03	17.83	56.91	156	116	A	H	
		17370	48.47	-25.53	74	43.48	42.28	20.76	58.05	100	0	P	H	
		5788	127.95	-	-	118.08	32.37	11.67	34.17	201	184	P	V	
		5788	117.38	-	-	107.51	32.37	11.67	34.17	201	184	A	V	
		11580	62.61	-11.39	74	61.66	40.03	17.83	56.91	112	133	P	V	
		11580	51.97	-2.03	54	51.02	40.03	17.83	56.91	112	133	A	V	
		17370	47.18	-26.82	74	42.19	42.28	20.76	58.05	100	0	P	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		5838	129.61	-	-	119.61	32.45	11.72	34.17	226	181	P	H	
		5838	118.73	-	-	108.73	32.45	11.72	34.17	226	181	A	H	
		11680	61.18	-12.82	74	60.4	39.79	17.92	56.93	162	117	P	H	
		11680	53.21	-0.79	54	52.43	39.79	17.92	56.93	162	117	A	H	
		17520	48.59	-25.41	74	43.04	43.24	20.71	58.4	100	0	P	H	
		5842	128.27	-	-	118.27	32.45	11.72	34.17	218	176	P	V	
		5842	117	-	-	107	32.45	11.72	34.17	218	176	A	V	
		11680	62.07	-11.93	74	61.29	39.79	17.92	56.93	102	133	P	V	
		11680	52.89	-1.11	54	52.11	39.79	17.92	56.93	102	133	A	V	
		17520	47.75	-26.25	74	42.2	43.24	20.71	58.4	100	0	P	V	
<b>Remark</b>	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		5738	128.96	-	-	119.19	32.29	11.64	34.16	227	183	P	H	
		5738	118.67	-	-	108.9	32.29	11.64	34.16	227	183	A	H	
		11482	64.24	-9.76	74	63.21	40.21	17.73	56.91	164	115	P	H	
		11482	53.47	-0.53	54	52.44	40.21	17.73	56.91	164	115	A	H	
		17220	49.49	-24.51	74	44.88	41.47	20.8	57.66	100	0	P	H	
			5738	128.18	-	-	118.41	32.29	11.64	34.16	218	183	P	V
			5738	117.32	-	-	107.55	32.29	11.64	34.16	218	183	A	V
			11482	63.66	-10.34	74	62.63	40.21	17.73	56.91	106	136	P	V
			11482	51.71	-2.29	54	50.68	40.21	17.73	56.91	106	136	A	V
			17222	50.68	-23.32	74	46.07	41.47	20.8	57.66	100	0	P	V
802.11ac CH 158 5790MHz		5790	127.32	-	-	117.45	32.37	11.67	34.17	224	178	P	H	
		5790	116.75	-	-	106.88	32.37	11.67	34.17	224	178	A	H	
		11582	66.34	-7.66	74	65.39	40.03	17.83	56.91	167	118	P	H	
		11582	53.65	-0.35	54	52.7	40.03	17.83	56.91	167	118	A	H	
		17370	49.87	-24.13	74	44.88	42.28	20.76	58.05	100	0	P	H	
			5788	126.66	-	-	116.79	32.37	11.67	34.17	209	182	P	V
			5788	116.25	-	-	106.38	32.37	11.67	34.17	209	182	A	V
			11585	63.79	-10.21	74	62.89	39.99	17.83	56.92	105	135	P	V
			11585	51.8	-2.2	54	50.9	39.99	17.83	56.92	105	135	A	V
			17370	50.03	-23.97	74	45.04	42.28	20.76	58.05	100	0	P	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		5833	128.29	-	-	118.32	32.42	11.72	34.17	235	175	P	H	
		5833	117.44	-	-	107.47	32.42	11.72	34.17	235	175	A	H	
		11670	64.14	-9.86	74	63.36	39.79	17.92	56.93	168	119	P	H	
		11670	53.87	-0.13	54	53.09	39.79	17.92	56.93	168	119	A	H	
		17505	52.36	-21.64	74	47.04	43	20.72	58.4	100	0	P	H	
			5833	127.25	-	-	117.28	32.42	11.72	34.17	208	178	A	V
			5833	116.2	-	-	106.23	32.42	11.72	34.17	208	178	P	V
			11675	64.83	-9.17	74	64.05	39.79	17.92	56.93	108	134	P	V
			11675	52.99	-1.01	54	52.21	39.79	17.92	56.93	108	134	A	V
			17505	49.64	-24.36	74	44.32	43	20.72	58.4	100	0	P	V
<b>Remark</b>	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		5743	127.78	-	-	118.01	32.29	11.64	34.16	250	176	P	H	
		5743	116.91	-	-	107.14	32.29	11.64	34.16	250	176	A	H	
		11490	67.98	-6.02	74	66.95	40.21	17.73	56.91	161	116	P	H	
		11490	52.77	-1.23	54	51.74	40.21	17.73	56.91	161	116	A	H	
		17232	47.88	-26.12	74	43.23	41.56	20.8	57.71	100	0	P	H	
			5743	126.24	-	-	116.47	32.29	11.64	34.16	218	181	P	V
			5743	116.35	-	-	106.58	32.29	11.64	34.16	218	181	A	V
			11495	67.18	-6.82	74	66.15	40.21	17.73	56.91	103	136	P	V
			11495	51.26	-2.74	54	50.23	40.21	17.73	56.91	103	136	A	V
			17238	52.49	-21.51	74	47.85	41.56	20.79	57.71	100	0	P	V
802.11ac CH 158 5790MHz		5788	126.55	-	-	116.68	32.37	11.67	34.17	243	182	P	H	
		5788	116.55	-	-	106.68	32.37	11.67	34.17	243	182	A	H	
		11580	69.44	-4.56	74	68.49	40.03	17.83	56.91	166	118	P	H	
		11580	53.88	-0.12	54	52.93	40.03	17.83	56.91	166	118	A	H	
		17370	49.92	-24.08	74	44.93	42.28	20.76	58.05	100	0	P	H	
			5788	126.09	-	-	116.22	32.37	11.67	34.17	225	184	P	V
			5788	115.88	-	-	106.01	32.37	11.67	34.17	225	184	A	V
			11580	67.58	-6.42	74	66.63	40.03	17.83	56.91	109	133	P	V
			11580	52.1	-1.9	54	51.15	40.03	17.83	56.91	109	133	A	V
			17370	49.9	-24.1	74	44.91	42.28	20.76	58.05	100	0	P	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		5828	127.04	-	-	117.07	32.42	11.72	34.17	236	175	P	H	
		5828	117.04	-	-	107.07	32.42	11.72	34.17	236	175	A	H	
		11660	68.52	-5.48	74	67.7	39.83	17.92	56.93	165	119	P	H	
		11660	53.37	-0.63	54	52.55	39.83	17.92	56.93	165	119	A	H	
		17490	50.55	-23.45	74	45.28	42.91	20.72	58.36	100	0	P	H	
			5828	126.08	-	-	116.11	32.42	11.72	34.17	208	178	P	V
			5828	115.83	-	-	105.86	32.42	11.72	34.17	208	178	A	V
			11660	68.47	-5.53	74	67.65	39.83	17.92	56.93	113	135	P	V
			11660	52.57	-1.43	54	51.75	39.83	17.92	56.93	113	135	A	V
			17490	48.96	-25.04	74	43.69	42.91	20.72	58.36	100	0	P	V
<b>Remark</b>	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		5748	126.03	-	-	116.26	32.29	11.64	34.16	237	177	P	H	
		5748	114.99	-	-	105.22	32.29	11.64	34.16	237	177	A	H	
		11500	66.14	-7.86	74	65.11	40.2	17.73	56.9	170	118	P	H	
		11500	51.22	-2.78	54	50.19	40.2	17.73	56.9	170	118	A	H	
		17250	46.94	-27.06	74	42.25	41.65	20.79	57.75	100	0	P	H	
			5752	125.75	-	-	115.97	32.31	11.64	34.17	218	184	P	V
			5752	115.01	-	-	105.23	32.31	11.64	34.17	218	184	A	V
			11500	65.94	-8.06	74	64.91	40.2	17.73	56.9	106	135	P	V
			11500	50.42	-3.58	54	49.39	40.2	17.73	56.9	106	135	A	V
			17250	48.52	-25.48	74	43.83	41.65	20.79	57.75	100	0	P	V
802.11ac CH 158 5790MHz		5788	126.26	-	-	116.39	32.37	11.67	34.17	246	179	P	H	
		5788	115.29	-	-	105.42	32.37	11.67	34.17	246	179	A	H	
		11580	67.2	-6.8	74	66.25	40.03	17.83	56.91	167	117	P	H	
		11580	52.62	-1.38	54	51.67	40.03	17.83	56.91	167	117	A	H	
		17370	48.42	-25.58	74	43.43	42.28	20.76	58.05	100	0	P	H	
			5788	125.18	-	-	115.31	32.37	11.67	34.17	214	178	P	V
			5788	113.88	-	-	104.01	32.37	11.67	34.17	214	178	A	V
			11580	66.48	-7.52	74	65.53	40.03	17.83	56.91	100	134	P	V
			11580	50.86	-3.14	54	49.91	40.03	17.83	56.91	100	134	A	V
			17370	48.47	-25.53	74	43.48	42.28	20.76	58.05	100	0	P	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		5823	127.36	-	-	117.39	32.42	11.72	34.17	243	182	P	H	
		5823	115.32	-	-	105.35	32.42	11.72	34.17	243	182	A	H	
		11650	67.1	-6.9	74	66.24	39.87	17.92	56.93	164	118	P	H	
		11650	51.81	-2.19	54	50.95	39.87	17.92	56.93	164	118	A	H	
		17472	47.92	-26.08	74	42.68	42.82	20.73	58.31	100	0	P	H	
			5827	125.58	-	-	115.61	32.42	11.72	34.17	211	184	P	V
			5827	114.5	-	-	104.53	32.42	11.72	34.17	211	184	A	V
			11650	66.67	-7.33	74	65.81	39.87	17.92	56.93	108	134	P	V
			11650	50.84	-3.16	54	49.98	39.87	17.92	56.93	108	134	A	V
			17472	47.04	-26.96	74	41.8	42.82	20.73	58.31	100	0	P	V
<b>Remark</b>	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		5753	126.38	-	-	116.6	32.31	11.64	34.17	238	181	P	H	
		5753	114.9	-	-	105.12	32.31	11.64	34.17	238	181	A	H	
		11510	66.38	-7.62	74	65.35	40.2	17.73	56.9	167	116	P	H	
		11510	50.92	-3.08	54	49.89	40.2	17.73	56.9	167	116	A	H	
		17268	46.25	-27.75	74	41.51	41.74	20.79	57.79	100	0	P	H	
			5753	124.44	-	-	114.66	32.31	11.64	34.17	217	184	P	V
			5753	113.63	-	-	103.85	32.31	11.64	34.17	217	184	A	V
			11510	65.27	-8.73	74	64.24	40.2	17.73	56.9	100	135	P	V
			11510	50.02	-3.98	54	48.99	40.2	17.73	56.9	100	135	A	V
802.11ac CH 158 5790MHz		17268	46.51	-27.49	74	41.77	41.74	20.79	57.79	100	0	P	V	
			5788	124.75	-	-	114.88	32.37	11.67	34.17	247	178	P	H
			5788	113.92	-	-	104.05	32.37	11.67	34.17	247	178	A	H
			11580	67.12	-6.88	74	66.17	40.03	17.83	56.91	158	117	P	H
			11580	51.8	-2.2	54	50.85	40.03	17.83	56.91	158	117	A	H
			17370	47.17	-26.83	74	42.18	42.28	20.76	58.05	100	0	P	H
			5788	125.05	-	-	115.18	32.37	11.67	34.17	214	182	P	V
			5788	114.08	-	-	104.21	32.37	11.67	34.17	214	182	A	V
		11580	65.28	-8.72	74	64.33	40.03	17.83	56.91	100	136	P	V	
		11580	50	-4	54	49.05	40.03	17.83	56.91	100	136	A	V	
		17370	46.78	-27.22	74	41.79	42.28	20.76	58.05	100	0	P	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		5818	125.45	-	-	115.5	32.4	11.72	34.17	228	180	P	H	
		5818	114.88	-	-	104.93	32.4	11.72	34.17	228	180	A	H	
		11640	66.6	-7.4	74	65.79	39.87	17.87	56.93	170	120	P	H	
		11640	51.3	-2.7	54	50.49	39.87	17.87	56.93	170	120	A	H	
		17460	47.14	-26.86	74	41.95	42.73	20.73	58.27	100	0	P	H	
			5822	123.87	-	-	113.9	32.42	11.72	34.17	209	181	P	V
			5822	112.97	-	-	103	32.42	11.72	34.17	209	181	A	V
			11640	65.63	-8.37	74	64.82	39.87	17.87	56.93	100	134	P	V
			11640	50.72	-3.28	54	49.91	39.87	17.87	56.93	100	134	A	V
			17460	46.18	-27.82	74	40.99	42.73	20.73	58.27	100	0	P	V
<b>Remark</b>	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		5758	123.64	-	-	113.86	32.31	11.64	34.17	236	177	P	H	
		5758	113.2	-	-	103.42	32.31	11.64	34.17	236	177	A	H	
		11520	65.36	-8.64	74	64.37	40.16	17.73	56.9	159	118	P	H	
		11520	50.35	-3.65	54	49.36	40.16	17.73	56.9	159	118	A	H	
		17280	46.43	-27.57	74	41.66	41.83	20.78	57.84	100	0	P	H	
			5762	124.29	-	-	114.51	32.31	11.64	34.17	217	183	P	V
			5762	113.32	-	-	103.54	32.31	11.64	34.17	217	183	A	V
			11520	64.1	-9.9	74	63.11	40.16	17.73	56.9	100	136	P	V
			11520	49.04	-4.96	54	48.05	40.16	17.73	56.9	100	136	A	V
			17280	46.24	-27.76	74	41.47	41.83	20.78	57.84	100	0	P	V
802.11ac CH 158 5790MHz		5788	123.77	-	-	113.9	32.37	11.67	34.17	244	179	P	H	
		5788	113.72	-	-	103.85	32.37	11.67	34.17	244	179	A	H	
		11580	66.74	-7.26	74	65.79	40.03	17.83	56.91	159	118	P	H	
		11580	51.26	-2.74	54	50.31	40.03	17.83	56.91	159	118	A	H	
		17370	47.41	-26.59	74	42.42	42.28	20.76	58.05	100	0	P	H	
			5788	124.28	-	-	114.41	32.37	11.67	34.17	216	183	P	V
			5788	113.46	-	-	103.59	32.37	11.67	34.17	216	183	A	V
			11580	65.4	-8.6	74	64.45	40.03	17.83	56.91	104	137	P	V
			11580	50.2	-3.8	54	49.25	40.03	17.83	56.91	104	137	A	V
			17370	47.34	-26.66	74	42.35	42.28	20.76	58.05	100	0	P	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		5813	124.25	-	-	114.3	32.4	11.72	34.17	240	179	P	H	
		5813	113.69	-	-	103.74	32.4	11.72	34.17	240	179	A	H	
		11630	65.7	-8.3	74	64.84	39.91	17.87	56.92	159	117	P	H	
		11630	50.41	-3.59	54	49.55	39.91	17.87	56.92	159	117	A	H	
		17448	47.37	-26.63	74	42.18	42.73	20.73	58.27	100	0	P	H	
			5813	122.76	-	-	112.81	32.4	11.72	34.17	219	183	P	V
			5813	112.32	-	-	102.37	32.4	11.72	34.17	219	183	A	V
			11630	65.11	-8.89	74	64.25	39.91	17.87	56.92	109	134	P	V
			11630	49.78	-4.22	54	48.92	39.91	17.87	56.92	109	134	A	V
			17448	46.84	-27.16	74	41.65	42.73	20.73	58.27	100	0	P	V
<b>Remark</b>	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		5768	123.74	-	-	113.93	32.31	11.67	34.17	240	181	P	H	
		5768	111.83	-	-	102.02	32.31	11.67	34.17	240	181	A	H	
		11540	64.24	-9.76	74	63.25	40.12	17.78	56.91	164	120	P	H	
		11540	48.6	-5.4	54	47.61	40.12	17.78	56.91	164	120	A	H	
		17310	46.98	-27.02	74	42.16	41.92	20.78	57.88	100	0	P	H	
			5768	123.29	-	-	113.48	32.31	11.67	34.17	215	180	P	V
			5768	111.17	-	-	101.36	32.31	11.67	34.17	215	180	A	V
			11540	63.85	-10.15	74	62.86	40.12	17.78	56.91	109	134	P	V
			11540	47.66	-6.34	54	46.67	40.12	17.78	56.91	109	134	A	V
			17310	45.76	-28.24	74	40.94	41.92	20.78	57.88	100	0	P	V
4802.11ac CH 158 5790MHz		5788	123.22	-	-	113.35	32.37	11.67	34.17	240	179	P	H	
		5788	111.4	-	-	101.53	32.37	11.67	34.17	240	179	A	H	
		11580	65.1	-8.9	74	64.15	40.03	17.83	56.91	169	120	P	H	
		11580	49.3	-4.7	54	48.35	40.03	17.83	56.91	169	120	A	H	
		17370	46.49	-27.51	74	41.5	42.28	20.76	58.05	100	0	P	H	
			5788	122.75	-	-	112.88	32.37	11.67	34.17	217	181	P	V
			5788	111.16	-	-	101.29	32.37	11.67	34.17	217	181	A	V
			11580	64.24	-9.76	74	63.29	40.03	17.83	56.91	108	135	P	V
			11580	48.05	-5.95	54	47.1	40.03	17.83	56.91	108	135	A	V
			17370	46.96	-27.04	74	41.97	42.28	20.76	58.05	100	0	P	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		5808	123.81	-	-	113.86	32.4	11.72	34.17	222	180	P	H	
		5808	111.75	-	-	101.8	32.4	11.72	34.17	222	180	A	H	
		11620	64.08	-9.92	74	63.22	39.91	17.87	56.92	169	118	P	H	
		11620	48.3	-5.7	54	47.44	39.91	17.87	56.92	169	118	A	H	
		17430	46.63	-27.37	74	41.52	42.55	20.74	58.18	100	0	P	H	
			5808	122.12	-	-	112.17	32.4	11.72	34.17	205	183	P	V
			5808	111	-	-	101.05	32.4	11.72	34.17	205	183	A	V
			11620	63.37	-10.63	74	62.51	39.91	17.87	56.92	105	134	P	V
			11620	47.95	-6.05	54	47.09	39.91	17.87	56.92	105	134	A	V
			17430	46.43	-27.57	74	41.32	42.55	20.74	58.18	100	0	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													





**Note symbol**

*	<b>Fundamental Frequency</b> 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 <b>over limit</b> line.
P/A	<b>Peak</b> or <b>Average</b>
H/V	<b>Horizontal</b> or <b>Vertical</b>





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

- 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”.**