



Appendix B. Radiated Spurious Emission

Test Engineer :	Alex Jeng, Bill Chang, and Kyle Jhuang	Temperature :	22~26°C
		Relative Humidity :	45~50%

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 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)
802.11a CH 52 5260MHz		5044.46	52.3	-21.7	74	41.37	31.54	10.29	30.9	182	337	P	H
		5052.78	43.22	-10.78	54	32.29	31.54	10.29	30.9	182	337	A	H
	*	5260	108.44	-	-	97.73	31.71	9.92	30.92	182	337	P	H
	*	5260	101.96	-	-	91.25	31.71	9.92	30.92	182	337	A	H
		5375.04	51.41	-22.59	74	39.81	31.79	10.74	30.93	182	337	P	H
		5452.08	42.82	-11.18	54	30.92	31.86	10.98	30.94	182	337	A	H
		5116.48	56.45	-17.55	74	45.34	31.59	10.42	30.9	113	177	P	V
		5108.16	47.92	-6.08	54	36.81	31.59	10.42	30.9	113	177	A	V
	*	5260	118.82	-	-	108.11	31.71	9.92	30.92	113	177	P	V
	*	5260	111.75	-	-	101.04	31.71	9.92	30.92	113	177	A	V
		5418	57.26	-16.74	74	45.36	31.83	11	30.93	113	177	P	V
		5444.16	47.94	-6.06	54	36.03	31.85	10.99	30.93	113	177	A	V
802.11a CH 60 5300MHz		5002.86	52.15	-21.85	74	41.35	31.5	10.19	30.89	103	214	P	H
		5081.38	42.94	-11.06	54	31.92	31.57	10.35	30.9	103	214	A	H
	*	5300	105.16	-	-	94.15	31.74	10.19	30.92	103	214	P	H
	*	5300	98.94	-	-	87.93	31.74	10.19	30.92	103	214	A	H
		5440.8	50.82	-23.18	74	38.91	31.85	10.99	30.93	103	214	P	H
		5459.76	42.55	-11.45	54	30.65	31.86	10.98	30.94	103	214	A	H
		5064.48	56.16	-17.84	74	45.19	31.55	10.32	30.9	114	190	P	V
		5147.68	48.37	-5.63	54	37.18	31.62	10.48	30.91	114	190	A	V
	*	5300	119.41	-	-	108.4	31.74	10.19	30.92	114	190	P	V
	*	5300	111.99	-	-	100.98	31.74	10.19	30.92	114	190	A	V
		5361.84	57.16	-16.84	74	45.56	31.79	10.74	30.93	114	190	P	V
		5352.24	49.64	-4.36	54	38.19	31.78	10.6	30.93	114	190	A	V



802.11a CH 64 5320MHz	*	5320	104.34	-	-	93.18	31.75	10.33	30.92	115	202	P	H
	*	5320	98.01	-	-	86.85	31.75	10.33	30.92	115	202	A	H
		5352.16	55.3	-18.7	74	43.85	31.78	10.6	30.93	115	202	P	H
		5350.88	45.62	-8.38	54	34.17	31.78	10.6	30.93	115	202	A	H
													H
													H
	*	5320	116.55	-	-	105.39	31.75	10.33	30.92	238	296	P	V
	*	5320	109.66	-	-	98.5	31.75	10.33	30.92	238	296	A	V
		5352.32	61.36	-12.64	74	49.91	31.78	10.6	30.93	238	296	P	V
		5352	53.52	-0.48	54	42.07	31.78	10.6	30.93	238	296	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	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 52 5260MHz		10520	62.58	-5.62	68.2	64.49	39.82	15.06	56.79	100	0	P	H
		15780	59.27	-14.73	74	58.76	38.41	18.33	56.23	100	198	P	H
		15780	50.97	-3.03	54	50.46	38.41	18.33	56.23	100	198	A	H
													H
		10520	59.36	-8.84	68.2	61.27	39.82	15.06	56.79	100	0	P	V
		15780	58.92	-15.08	74	58.41	38.41	18.33	56.23	100	161	P	V
		15780	50.52	-3.48	54	50.01	38.41	18.33	56.23	100	161	A	V
802.11a CH 60 5300MHz		10600.1	61.35	-12.65	74	63.08	39.92	15.07	56.72	100	193	P	H
		10600.1	53.26	-0.74	54	54.99	39.92	15.07	56.72	100	193	A	H
		15900	59.26	-14.74	74	58.75	38.24	18.43	56.16	124	210	P	H
		15900	51.31	-2.69	54	50.8	38.24	18.43	56.16	124	210	A	H
		10600.1	60.77	-13.23	74	62.5	39.92	15.07	56.72	168	163	P	V
		10600.1	52.42	-1.58	54	54.15	39.92	15.07	56.72	168	163	A	V
		15900	59.1	-14.9	74	58.59	38.24	18.43	56.16	100	159	P	V
		15900	51.12	-2.88	54	50.61	38.24	18.43	56.16	100	159	A	V
802.11a CH 64 5320MHz		10640	60.86	-13.14	74	62.5	39.97	15.08	56.69	100	157	P	H
		10640	52.67	-1.33	54	54.31	39.97	15.08	56.69	100	157	A	H
		15960	50.76	-23.24	74	50.25	38.15	18.48	56.12	100	0	P	H
													H
		10640	59.68	-14.32	74	61.32	39.97	15.08	56.69	159	174	P	V
		10640	51	-3	54	52.64	39.97	15.08	56.69	159	174	A	V
		15960	49.97	-24.03	74	49.46	38.15	18.48	56.12	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	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 52 5260MHz		5086.06	52.59	-21.41	74	41.57	31.57	10.35	30.9	245	286	P	H
		5088.66	43.15	-10.85	54	32.08	31.58	10.39	30.9	245	286	A	H
	*	5260	105.67	-	-	94.96	31.71	9.92	30.92	245	286	P	H
	*	5260	97.81	-	-	87.1	31.71	9.92	30.92	245	286	A	H
		5456.16	51.47	-22.53	74	39.57	31.86	10.98	30.94	245	286	P	H
		5441.76	43	-11	54	31.09	31.85	10.99	30.93	245	286	A	H
		5141.7	56.75	-17.25	74	45.55	31.62	10.48	30.9	116	166	P	V
		5132.34	48.17	-5.83	54	37.01	31.61	10.45	30.9	116	166	A	V
	*	5260	118.15	-	-	107.44	31.71	9.92	30.92	116	166	P	V
	*	5260	111.47	-	-	100.76	31.71	9.92	30.92	116	166	A	V
		5415.84	54.97	-19.03	74	43.07	31.83	11	30.93	116	166	P	V
		5392.08	46.68	-7.32	54	34.93	31.81	10.87	30.93	116	166	A	V
802.11n HT20 CH 60 5300MHz		5070.72	52.96	-21.04	74	41.99	31.55	10.32	30.9	102	213	P	H
		5082.94	42.94	-11.06	54	31.92	31.57	10.35	30.9	102	213	A	H
	*	5300	105.75	-	-	94.74	31.74	10.19	30.92	102	213	P	H
	*	5300	98.12	-	-	87.11	31.74	10.19	30.92	102	213	A	H
		5421.36	50.6	-23.4	74	38.7	31.83	11	30.93	102	213	P	H
		5442	42.42	-11.58	54	30.51	31.85	10.99	30.93	102	213	A	H
		5118.3	55.98	-18.02	74	44.87	31.59	10.42	30.9	197	165	P	V
		5132.6	48.03	-5.97	54	36.87	31.61	10.45	30.9	197	165	A	V
	*	5300	119.07	-	-	108.06	31.74	10.19	30.92	197	165	P	V
	*	5300	112.03	-	-	101.02	31.74	10.19	30.92	197	165	A	V
	5350.8	61.1	-12.9	74	49.65	31.78	10.6	30.93	197	165	P	V	
	5350.08	49.62	-4.38	54	38.17	31.78	10.6	30.93	197	165	A	V	



802.11n HT20 CH 64 5320MHz	*	5320	102.59	-	-	91.43	31.75	10.33	30.92	173	255	P	H
	*	5320	95.15	-	-	83.99	31.75	10.33	30.92	173	255	A	H
		5427.04	52.61	-21.39	74	40.71	31.83	11	30.93	173	255	P	H
		5457.6	42.78	-11.22	54	30.88	31.86	10.98	30.94	173	255	A	H
													H
													H
	*	5320	116.68	-	-	105.52	31.75	10.33	30.92	208	155	P	V
	*	5320	108.33	-	-	97.17	31.75	10.33	30.92	208	155	A	V
		5351.36	59.51	-14.49	74	48.06	31.78	10.6	30.93	208	155	P	V
		5350.88	52.91	-1.09	54	41.46	31.78	10.6	30.93	208	155	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	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 52 5260MHz		10520	61.18	-7.02	68.2	63.09	39.82	15.06	56.79	100	0	P	H	
		15780	61.01	-12.99	74	60.5	38.41	18.33	56.23	144	210	P	H	
		15780	53.19	-0.81	54	52.68	38.41	18.33	56.23	144	210	A	H	
													H	
			10520	59.05	-9.15	68.2	60.96	39.82	15.06	56.79	100	0	P	V
			15780	61.26	-12.74	74	60.75	38.41	18.33	56.23	100	164	P	V
			15780	52.02	-1.98	54	51.51	38.41	18.33	56.23	100	164	A	V
													V	
802.11n HT20 CH 60 5300MHz		10600.1	61.29	-12.71	74	63.02	39.92	15.07	56.72	114	190	P	H	
		10600.1	53.01	-0.99	54	54.74	39.92	15.07	56.72	114	190	A	H	
		15900	62.71	-11.29	74	62.2	38.24	18.43	56.16	155	212	P	H	
		15900	53.47	-0.53	54	52.96	38.24	18.43	56.16	155	212	A	H	
			10600.1	60.71	-13.29	74	62.44	39.92	15.07	56.72	175	163	P	V
			10600.1	52.47	-1.53	54	54.2	39.92	15.07	56.72	175	163	A	V
			15900	61.98	-12.02	74	61.47	38.24	18.43	56.16	104	163	P	V
		15900	53.36	-0.64	54	52.85	38.24	18.43	56.16	104	163	A	V	
802.11n HT20 CH 64 5320MHz		10640	60.81	-13.19	74	62.45	39.97	15.08	56.69	100	156	P	H	
		10640	52.47	-1.53	54	54.11	39.97	15.08	56.69	100	156	A	H	
		15960	49.71	-24.29	74	49.2	38.15	18.48	56.12	100	0	P	H	
													H	
			10640	59.37	-14.63	74	61.01	39.97	15.08	56.69	112	58	P	V
			10640	51.16	-2.84	54	52.8	39.97	15.08	56.69	112	58	A	V
			15960	50.46	-23.54	74	49.95	38.15	18.48	56.12	100	0	P	V
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 2 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	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 54 5270MHz		5123.5	52.23	-21.77	74	41.07	31.61	10.45	30.9	238	287	P	H
		5146.12	43.8	-10.2	54	32.61	31.62	10.48	30.91	238	287	A	H
	*	5270	103.68	-	-	92.97	31.71	9.92	30.92	238	287	P	H
	*	5270	96.21	-	-	85.5	31.71	9.92	30.92	238	287	A	H
		5431.68	51.69	-22.31	74	39.78	31.85	10.99	30.93	238	287	P	H
		5350.08	45.52	-8.48	54	34.07	31.78	10.6	30.93	238	287	A	H
		5148.98	57.6	-16.4	74	46.41	31.62	10.48	30.91	115	164	P	V
		5150	49.46	-4.54	54	38.27	31.62	10.48	30.91	115	164	A	V
	*	5270	115.98	-	-	105.27	31.71	9.92	30.92	115	164	P	V
	*	5270	108.36	-	-	97.65	31.71	9.92	30.92	115	164	A	V
		5352	59.63	-14.37	74	48.18	31.78	10.6	30.93	115	164	P	V
		5350.32	52.8	-1.2	54	41.35	31.78	10.6	30.93	115	164	A	V
802.11n HT40 CH 62 5310MHz		5035.88	51.2	-22.8	74	40.31	31.53	10.25	30.89	101	213	P	H
		5075.92	43.6	-10.4	54	32.58	31.57	10.35	30.9	101	213	A	H
	*	5310	99.04	-	-	87.88	31.75	10.33	30.92	101	213	P	H
	*	5310	91.7	-	-	80.54	31.75	10.33	30.92	101	213	A	H
		5350.56	50.83	-23.17	74	39.38	31.78	10.6	30.93	101	213	P	H
		5350.08	44.94	-9.06	54	33.49	31.78	10.6	30.93	101	213	A	H
		5131.04	53.62	-20.38	74	42.46	31.61	10.45	30.9	183	179	P	V
		5145.6	45.45	-8.55	54	34.26	31.62	10.48	30.91	183	179	A	V
	*	5310	112.66	-	-	101.5	31.75	10.33	30.92	183	179	P	V
	*	5310	105.85	-	-	94.69	31.75	10.33	30.92	183	179	A	V
	5353.44	61.46	-12.54	74	50.01	31.78	10.6	30.93	183	179	P	V	
	5350.32	53.25	-0.75	54	41.8	31.78	10.6	30.93	183	179	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	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 54 5270MHz		10540	61.33	-6.87	68.2	63.2	39.84	15.06	56.77	196	157	P	H
		10540	51.37	-2.63	54	53.24	39.84	15.06	56.77	100	145	A	H
		15810	57.61	-16.39	74	57.09	38.37	18.36	56.21	146	207	P	H
		15810	48.58	-5.42	54	48.06	38.37	18.36	56.21	146	207	A	H
		10540	60.72	-7.48	68.2	62.59	39.84	15.06	56.77	196	157	P	V
		10540	51	-3	54	52.87	39.84	15.06	56.77	196	157	A	V
		15810	55.64	-18.36	74	55.12	38.37	18.36	56.21	100	162	P	V
802.11n HT40 CH 62 5310MHz		11340	59.32	-14.68	74	60.14	40.33	15.18	56.33	112	166	P	H
		11340	50.44	-3.56	54	51.26	40.33	15.18	56.33	112	166	A	H
		17010	46.42	-21.78	68.2	42.24	40.26	19.34	55.42	100	0	P	H
													H
		11340	56.44	-17.56	74	57.26	40.33	15.18	56.33	153	182	P	V
		11340	49.11	-4.89	54	49.93	40.33	15.18	56.33	153	182	A	V
		17010	48.37	-19.83	68.2	44.19	40.26	19.34	55.42	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	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)
802.11ac VHT80 CH 58 5290MHz		5012.74	51.21	-22.79	74	40.37	31.51	10.22	30.89	107	215	P	H
		5150	44.85	-9.15	54	33.66	31.62	10.48	30.91	107	215	A	H
	*	5290	94.23	-	-	83.37	31.73	10.05	30.92	107	215	P	H
	*	5290	87.81	-	-	76.95	31.73	10.05	30.92	107	215	A	H
		5458.32	51.66	-22.34	74	39.76	31.86	10.98	30.94	107	215	P	H
		5353.68	44.75	-9.25	54	33.3	31.78	10.6	30.93	107	215	A	H
		5140.4	54.38	-19.62	74	43.18	31.62	10.48	30.9	198	176	P	V
		5137.54	48.86	-5.14	54	37.7	31.61	10.45	30.9	198	176	A	V
	*	5290	107.74	-	-	96.88	31.73	10.05	30.92	198	176	P	V
	*	5290	101.26	-	-	90.4	31.73	10.05	30.92	198	176	A	V
		5356.8	59.08	-14.92	74	47.63	31.78	10.6	30.93	198	176	P	V
	5360.4	53.78	-0.22	54	42.33	31.78	10.6	30.93	198	176	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	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)	
802.11ac VHT80 CH 58 5290MHz		10580	51.35	-16.85	68.2	53.11	39.9	15.07	56.73	100	0	P	H	
		15870	41.6	-32.4	74	41.09	38.27	18.41	56.17	100	0	P	H	
													H	
													H	
			10580	47.95	-20.25	68.2	49.71	39.9	15.07	56.73	100	0	P	V
			15870	39.79	-34.21	74	39.28	38.27	18.41	56.17	100	0	P	V
														V
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 3 - 5470~5725MHz
WIFI 802.11a (Band Edge @ 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)	
802.11a CH 100 5500MHz		5451.28	52.01	-21.99	74	40.11	31.86	10.98	30.94	100	199	P	H	
		5464.88	50.88	-17.32	68.2	38.98	31.87	10.97	30.94	100	199	P	H	
		5460	42.74	-11.26	54	30.84	31.86	10.98	30.94	100	199	A	H	
	*	5500	105.47	-	-	93.56	31.9	10.95	30.94	100	199	P	H	
	*	5500	98.32	-	-	86.41	31.9	10.95	30.94	100	199	A	H	
														H
			5459.6	56.22	-17.78	74	44.32	31.86	10.98	30.94	243	348	P	V
			5465.2	60.08	-8.12	68.2	48.18	31.87	10.97	30.94	243	348	P	V
			5459.76	48.68	-5.32	54	36.78	31.86	10.98	30.94	243	348	A	V
	*		5500	116.31	-	-	104.4	31.9	10.95	30.94	243	348	P	V
	*		5500	108.85	-	-	96.94	31.9	10.95	30.94	243	348	A	V
														V
802.11a CH 116 5580MHz		5405.44	50.58	-23.42	74	38.68	31.82	11.01	30.93	100	214	P	H	
		5470	51.57	-16.63	68.2	39.67	31.87	10.97	30.94	100	214	P	H	
		5446.96	42.05	-11.95	54	30.14	31.86	10.98	30.93	100	214	A	H	
	*	5580	102.11	-	-	90.18	32	10.91	30.98	100	214	P	H	
	*	5580	94.58	-	-	82.65	32	10.91	30.98	100	214	A	H	
			5753.975	50.48	-17.72	68.2	38.14	32.26	11.13	31.05	100	214	P	H
			5447.68	54.04	-19.96	74	42.13	31.86	10.98	30.93	228	353	P	V
			5469.28	53.74	-14.46	68.2	41.84	31.87	10.97	30.94	228	353	P	V
			5458.72	45.14	-8.86	54	33.24	31.86	10.98	30.94	228	353	A	V
	*		5580	115.38	-	-	103.45	32	10.91	30.98	228	353	P	V
	*		5580	108.12	-	-	96.19	32	10.91	30.98	228	353	A	V
			5748.55	54.02	-14.18	68.2	41.73	32.24	11.1	31.05	228	353	P	V



802.11a CH 140 5700MHz	*	5700	107.73	-	-	95.57	32.17	11.02	31.03	100	207	P	H
	*	5700	100.36	-	-	88.2	32.17	11.02	31.03	100	207	A	H
		5725.8	57.26	-10.94	68.2	45.02	32.21	11.07	31.04	100	207	P	H
													H
													H
													H
	*	5700	116.96	-	-	104.8	32.17	11.02	31.03	162	172	P	V
	*	5700	109.92	-	-	97.76	32.17	11.02	31.03	162	172	A	V
		5726.04	65.94	-2.26	68.2	53.7	32.21	11.07	31.04	162	172	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	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 100 5500MHz		11000	62.06	-11.94	74	62.93	40.4	15.13	56.4	100	158	P	H
		11000	53.44	-0.56	54	54.31	40.4	15.13	56.4	100	158	A	H
		16500	48.64	-19.56	68.2	45.52	39.5	18.92	55.3	100	0	P	H
													H
		11000	58.54	-15.46	74	59.41	40.4	15.13	56.4	106	195	P	V
		11000	51.11	-2.89	54	51.98	40.4	15.13	56.4	106	195	A	V
		16500	48.58	-19.62	68.2	45.46	39.5	18.92	55.3	100	0	P	V
802.11a CH 116 5580MHz		11160	61.54	-12.46	74	62.38	40.37	15.16	56.37	100	158	P	H
		11160	53.62	-0.38	54	54.46	40.37	15.16	56.37	100	158	A	H
		16740	43.34	-24.86	68.2	39.73	39.84	19.12	55.35	100	0	P	H
													H
		11160	60.8	-13.2	74	61.64	40.37	15.16	56.37	100	197	P	V
		11160	52.83	-1.17	54	53.67	40.37	15.16	56.37	100	197	A	V
		16740	42.36	-25.84	68.2	38.75	39.84	19.12	55.35	100	0	P	V
802.11a CH 140 5700MHz		11400	59.18	-14.82	74	59.99	40.32	15.19	56.32	100	161	P	H
		11400	51.94	-2.06	54	52.75	40.32	15.19	56.32	100	161	A	H
		17100	48.17	-20.03	68.2	43.72	40.58	19.41	55.54	100	0	P	H
													H
		11400	60.44	-13.56	74	61.25	40.32	15.19	56.32	238	170	P	V
		11400	52.62	-1.38	54	53.43	40.32	15.19	56.32	238	170	A	V
		17100	51.3	-16.9	68.2	46.85	40.58	19.41	55.54	241	189	P	V
		17100	43.73	-10.27	54	39.28	40.58	19.41	55.54	241	189	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	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 100 5500MHz		5438.48	50.77	-23.23	74	38.86	31.85	10.99	30.93	118	216	P	H	
		5467.6	50.81	-17.39	68.2	38.91	31.87	10.97	30.94	118	216	P	H	
		5460	42.45	-11.55	54	30.55	31.86	10.98	30.94	118	216	A	H	
	*	5500	101.63	-	-	89.72	31.9	10.95	30.94	118	216	P	H	
	*	5500	94.42	-	-	82.51	31.9	10.95	30.94	118	216	A	H	
														H
			5451.6	56.07	-17.93	74	44.17	31.86	10.98	30.94	206	335	P	V
			5468.72	58.13	-10.07	68.2	46.23	31.87	10.97	30.94	206	335	P	V
			5458.64	47.8	-6.2	54	35.9	31.86	10.98	30.94	206	335	A	V
	*		5500	115.82	-	-	103.91	31.9	10.95	30.94	206	335	P	V
	*		5500	108.38	-	-	96.47	31.9	10.95	30.94	206	335	A	V
														V
802.11n HT20 CH 116 5580MHz		5429.68	50.91	-23.09	74	39	31.85	10.99	30.93	110	205	P	H	
		5470	49.78	-18.42	68.2	37.88	31.87	10.97	30.94	110	205	P	H	
		5441.2	42.12	-11.88	54	30.21	31.85	10.99	30.93	110	205	A	H	
	*	5580	105.72	-	-	93.79	32	10.91	30.98	110	205	P	H	
	*	5580	98.2	-	-	86.27	32	10.91	30.98	110	205	A	H	
			5752.925	51.59	-16.61	68.2	39.25	32.26	11.13	31.05	110	205	P	H
			5419.36	53.32	-20.68	74	41.42	31.83	11	30.93	177	171	P	V
			5463.76	53.29	-14.91	68.2	41.39	31.87	10.97	30.94	177	171	P	V
			5441.2	44.98	-9.02	54	33.07	31.85	10.99	30.93	177	171	A	V
	*		5580	115.02	-	-	103.09	32	10.91	30.98	177	171	P	V
	*		5580	107.61	-	-	95.68	32	10.91	30.98	177	171	A	V
			5731.925	52.39	-15.81	68.2	40.16	32.21	11.07	31.05	177	171	P	V



802.11n HT20 CH 140 5700MHz	*	5700	108.18	-	-	96.02	32.17	11.02	31.03	100	208	P	H
	*	5700	100.41	-	-	88.25	32.17	11.02	31.03	100	208	A	H
		5728.84	56.89	-11.31	68.2	44.65	32.21	11.07	31.04	100	208	P	H
													H
													H
													H
	*	5700	117.28	-	-	105.12	32.17	11.02	31.03	180	357	P	V
	*	5700	110.1	-	-	97.94	32.17	11.02	31.03	180	357	A	V
		5725.08	65.72	-2.48	68.2	53.48	32.21	11.07	31.04	180	357	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	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 100 5500MHz		11000	60.44	-13.56	74	61.31	40.4	15.13	56.4	100	161	P	H
		11000	53.31	-0.69	54	54.18	40.4	15.13	56.4	100	161	A	H
		16500	46.12	-22.08	68.2	43	39.5	18.92	55.3	100	0	P	H
													H
		11000	59.73	-14.27	74	60.6	40.4	15.13	56.4	105	88	P	V
		11000	52.28	-1.72	54	53.15	40.4	15.13	56.4	105	88	A	V
		16500	43.71	-24.49	68.2	40.59	39.5	18.92	55.3	100	0	P	V
													V
802.11n HT20 CH 116 5580MHz		11160	60.01	-13.99	74	60.85	40.37	15.16	56.37	100	158	P	H
		11160	53.44	-0.56	54	54.28	40.37	15.16	56.37	100	158	A	H
		16740	42.09	-26.11	68.2	38.48	39.84	19.12	55.35	100	0	P	H
													H
		11160	59.4	-14.6	74	60.24	40.37	15.16	56.37	105	77	P	V
		11160	52.8	-1.2	54	53.64	40.37	15.16	56.37	105	77	A	V
		16740	31.61	-36.59	68.2	28	39.84	19.12	55.35	100	0	P	V
													V
802.11n HT20 CH 140 5700MHz		11400	62.07	-11.93	74	603.2	-500	15.19	56.32	151	163	P	H
		11400	52.45	-1.55	54	593.58	-500	15.19	56.32	151	163	A	H
		17100	50.04	-18.16	68.2	586.17	-500	19.41	55.54	100	0	P	H
													H
		11400	61.34	-12.66	74	602.47	-500	15.19	56.32	159	182	P	V
		11400	51.97	-2.03	54	593.1	-500	15.19	56.32	159	182	A	V
		17100	49.69	-18.51	68.2	585.82	-500	19.41	55.54	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	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 102 5510MHz		5418.88	50.84	-23.16	74	38.94	31.83	11	30.93	100	172	P	H
		5466.4	50.37	-17.83	68.2	38.47	31.87	10.97	30.94	100	172	P	H
		5459.2	44.79	-9.21	54	32.89	31.86	10.98	30.94	100	172	A	H
	*	5510	102.33	-	-	90.43	31.9	10.95	30.95	100	172	P	H
	*	5510	94.36	-	-	82.46	31.9	10.95	30.95	100	172	A	H
		5731.925	50.72	-17.48	68.2	38.49	32.21	11.07	31.05	100	172	P	H
		5449.6	56.73	-17.27	74	44.82	31.86	10.98	30.93	197	194	P	V
		5464.72	66.15	-2.05	68.2	54.25	31.87	10.97	30.94	197	194	P	V
		5458.72	53.18	-0.82	54	41.28	31.86	10.98	30.94	197	194	A	V
	*	5510	113.28	-	-	101.38	31.9	10.95	30.95	197	194	P	V
	*	5510	105.37	-	-	93.47	31.9	10.95	30.95	197	194	A	V
		5730.35	51.75	-16.45	68.2	39.52	32.21	11.07	31.05	197	194	P	V
802.11n HT40 CH 110 5550MHz		5426.08	52.92	-21.08	74	41.02	31.83	11	30.93	102	200	P	H
		5467.6	51.32	-16.88	68.2	39.42	31.87	10.97	30.94	102	200	P	H
		5445.04	44.23	-9.77	54	32.32	31.85	10.99	30.93	102	200	A	H
	*	5550	107.44	-	-	95.51	31.97	10.92	30.96	102	200	P	H
	*	5550	99.3	-	-	87.37	31.97	10.92	30.96	102	200	A	H
		5725.975	52.64	-15.56	68.2	40.4	32.21	11.07	31.04	102	200	P	H
		5453.92	58.25	-15.75	74	46.35	31.86	10.98	30.94	183	185	P	V
		5470	60.58	-7.62	68.2	48.68	31.87	10.97	30.94	183	185	P	V
		5459.2	51.9	-2.1	54	40	31.86	10.98	30.94	183	185	A	V
	*	5550	117.11	-	-	105.18	31.97	10.92	30.96	183	185	P	V
	*	5550	109.54	-	-	97.61	31.97	10.92	30.96	183	185	A	V
		5747.15	54.95	-13.25	68.2	42.66	32.24	11.1	31.05	183	185	P	V



802.11n HT40 CH 134 5670MHz		5454.64	50.44	-23.56	74	38.54	31.86	10.98	30.94	100	183	P	H
		5466.88	51.91	-16.29	68.2	40.01	31.87	10.97	30.94	100	183	P	H
		5458	43.46	-10.54	54	31.56	31.86	10.98	30.94	100	183	A	H
	*	5670	107.24	-	-	95.12	32.14	11	31.02	100	183	P	H
	*	5670	99.47	-	-	87.35	32.14	11	31.02	100	183	A	H
		5726.675	60.84	-7.36	68.2	48.6	32.21	11.07	31.04	100	183	P	H
		5401.6	57.28	-16.72	74	45.38	31.82	11.01	30.93	159	184	P	V
		5464	55.62	-12.58	68.2	43.72	31.87	10.97	30.94	159	184	P	V
		5459.2	49.04	-4.96	54	37.14	31.86	10.98	30.94	159	184	A	V
	*	5670	115.89	-	-	103.77	32.14	11	31.02	159	184	P	V
	*	5670	106.75	-	-	94.63	32.14	11	31.02	159	184	A	V
		5736.475	65.44	-2.76	68.2	53.15	32.24	11.1	31.05	159	184	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	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 102 5510MHz		11020	59.14	-14.86	74	60.01	40.4	15.13	56.4	102	160	P	H
		11020	51.66	-2.34	54	52.53	40.4	15.13	56.4	102	160	A	H
		16530	41.69	-26.51	68.2	38.5	39.55	18.95	55.31	100	0	P	H
													H
		11020	57.56	-16.44	74	58.43	40.4	15.13	56.4	312	196	P	V
		11020	48.74	-5.26	54	49.61	40.4	15.13	56.4	312	196	A	V
		16530	41.47	-26.73	68.2	38.28	39.55	18.95	55.31	100	0	P	V
													V
802.11n HT40 CH 110 5550MHz		11100	62.3	-11.7	74	63.15	40.38	15.15	56.38	102	158	P	H
		11100	53.97	-0.03	54	54.82	40.38	15.15	56.38	102	158	A	H
		16650	50.09	-18.11	68.2	46.65	39.72	19.05	55.33	100	0	P	H
													H
		11100	61.61	-12.39	74	62.46	40.38	15.15	56.38	100	196	P	V
		11100	53.41	-0.59	54	54.26	40.38	15.15	56.38	100	196	A	V
		16650	47.43	-20.77	68.2	43.99	39.72	19.05	55.33	100	0	P	V
													V
802.11n HT40 CH 134 5670MHz		11340	59.23	-14.77	74	60.05	40.33	15.18	56.33	107	163	P	H
		11340	51.31	-2.69	54	52.13	40.33	15.18	56.33	107	163	A	H
		17010	50.49	-17.71	68.2	46.31	40.26	19.34	55.42	100	0	P	H
													H
		11340	58.27	-15.73	74	59.09	40.33	15.18	56.33	170	190	P	V
		11340	49.9	-4.1	54	50.72	40.33	15.18	56.33	170	190	A	V
		17010	51.59	-16.61	68.2	47.41	40.26	19.34	55.42	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	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)
802.11ac VHT80 CH 106 5530MHz		5462	51.16	-22.84	74	39.26	31.86	10.98	30.94	159	348	P	H
		5466.4	45.56	-8.44	54	33.66	31.87	10.97	30.94	159	348	A	H
	*	5530	91.96	-	-	80.06	31.92	10.94	30.96	159	348	P	H
	*	5530	85.65	-	-	73.75	31.92	10.94	30.96	159	348	A	H
		5727.375	50.9	-23.1	74	38.66	32.21	11.07	31.04	159	348	P	H
		5742.075	44.93	-9.07	54	32.64	32.24	11.1	31.05	159	348	A	H
		5457.04	58.4	-15.6	74	46.5	31.86	10.98	30.94	180	188	P	V
		5460.4	53.52	-0.48	54	41.62	31.86	10.98	30.94	180	188	A	V
	*	5530	105.74	-	-	93.84	31.92	10.94	30.96	180	188	P	V
	*	5530	98.8	-	-	86.9	31.92	10.94	30.96	180	188	A	V
		5726.85	51.22	-22.78	74	38.98	32.21	11.07	31.04	180	188	P	V
		5759.225	45.55	-8.45	54	33.22	32.26	11.13	31.06	180	188	A	V
802.11ac VHT80 CH 122 5610MHz		5425.84	51.65	-22.35	74	39.75	31.83	11	30.93	109	206	P	H
		5470	45.1	-8.9	54	33.2	31.87	10.97	30.94	109	206	A	H
	*	5610	101.48	-	-	89.55	32.04	10.89	31	109	206	P	H
	*	5610	94.12	-	-	82.19	32.04	10.89	31	109	206	A	H
		5735.25	53.83	-20.17	74	41.54	32.24	11.1	31.05	109	206	P	H
		5732.1	46.62	-7.38	54	34.39	32.21	11.07	31.05	109	206	A	H
		5461.36	58.71	-15.29	74	46.81	31.86	10.98	30.94	183	172	P	V
		5459.44	53.17	-0.83	54	41.27	31.86	10.98	30.94	183	172	A	V
	*	5610	111.78	-	-	99.85	32.04	10.89	31	183	172	P	V
	*	5610	104.99	-	-	93.06	32.04	10.89	31	183	172	A	V
	5738.75	57.17	-16.83	74	44.88	32.24	11.1	31.05	183	172	P	V	
	5739.45	52.27	-1.73	54	39.98	32.24	11.1	31.05	183	172	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	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)	
802.11ac VHT80 CH 106 5530MHz		11060	49.95	-24.05	74	50.81	40.39	15.14	56.39	100	0	P	H	
		16590	36.52	-31.68	68.2	33.23	39.62	18.99	55.32	100	0	P	H	
													H	
													H	
			11060	46.98	-27.02	74	47.84	40.39	15.14	56.39	100	0	P	V
			16590	36.48	-31.72	68.2	33.19	39.62	18.99	55.32	100	0	P	V
														V
802.11ac VHT80 CH 122 5610MHz		11220	55.94	-18.06	74	56.78	40.36	15.16	56.36	100	161	P	H	
		11220	51.14	-2.86	54	51.98	40.36	15.16	56.36	100	161	A	H	
		16830	43.81	-24.39	68.2	40.03	39.96	19.19	55.37	100	0	P	H	
													H	
			11220	55.14	-18.86	74	55.98	40.36	15.16	56.36	100	196	P	V
			11220	48.75	-5.25	54	49.59	40.36	15.16	56.36	100	196	A	V
			16830	48.11	-20.09	68.2	44.33	39.96	19.19	55.37			P	V
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 3 - Straddle Channel
WIFI 802.11a (Band Edge @ 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)
802.11a CH 144 5720MHz	*	5720	111.27	-	-	99.03	32.21	11.07	31.04	100	178	P	H
	*	5720	104.1	-	-	91.86	32.21	11.07	31.04	100	178	A	H
													H
													H
													H
	*	5720	120.23	-	-	107.99	32.21	11.07	31.04	168	175	P	V
	*	5720	113.04	-	-	100.8	32.21	11.07	31.04	168	175	A	V
													V
													V
													V
													V
	Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.											



Band 3 - Straddle Channel
WIFI 802.11a (Harmonic @ 3m)

Table with 14 columns: WIFI Ant. 1+2, 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). Rows include data for 802.11a CH 144 at 5720MHz and a Remark section.



Band 3 - Straddle Channel
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	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 144 5720MHz	*	5722	110.26	-	-	98.02	32.21	11.07	31.04	100	208	P	H
	*	5722	103.78	-	-	91.54	32.21	11.07	31.04	100	208	A	H
													H
													H
													H
													H
	*	5720	119.05	-	-	106.81	32.21	11.07	31.04	150	171	P	V
	*	5720	112.96	-	-	100.72	32.21	11.07	31.04	150	171	A	V
													V
													V
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	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 144 5720MHz		11440	60.98	-13.02	74	61.78	40.31	15.2	56.31	100	165	P	H	
		11440	53.65	-0.35	54	54.45	40.31	15.2	56.31	100	165	A	H	
		17160	58.29	-9.91	68.2	53.63	40.83	19.46	55.63	100	0	P	H	
													H	
			11440	59.45	-14.55	74	60.25	40.31	15.2	56.31	157	179	P	V
			11440	51.82	-2.18	54	52.62	40.31	15.2	56.31	157	179	A	V
			17160	61.03	-7.17	68.2	56.37	40.83	19.46	55.63	100	0	P	V
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 3 - Straddle Channel
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	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 142 5710MHz	*	5710	108.65	-	-	96.45	32.19	11.05	31.04	100	185	P	H
	*	5710	101.54	-	-	89.34	32.19	11.05	31.04	100	185	A	H
													H
													H
													H
													H
	*	5710	117.01	-	-	104.81	32.19	11.05	31.04	160	171	P	V
	*	5710	110.77	-	-	98.57	32.19	11.05	31.04	160	171	A	V
													V
													V
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	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 142 5710MHz		11420	59.01	-14.99	74	59.82	40.32	15.19	56.32	100	166	P	H	
		11420	51.63	-2.37	54	52.44	40.32	15.19	56.32	100	166	A	H	
		17130	55.25	-12.95	68.2	50.69	40.71	19.44	55.59	100	0	P	H	
													H	
			11420	56.72	-17.28	74	57.53	40.32	15.19	56.32	177	171	P	V
			11420	48.6	-5.4	54	49.41	40.32	15.19	56.32	177	171	A	V
			17130	58.03	-10.17	68.2	53.47	40.71	19.44	55.59	100	0	P	V
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 3 - Straddle Channel
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	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)
802.11ac VHT80 CH 138 5690MHz	*	5690	105.81	-	-	93.65	32.17	11.02	31.03	100	182	P	H
	*	5690	100.09	-	-	87.93	32.17	11.02	31.03	100	182	A	H
													H
													H
													H
													H
	*	5690	114.62	-	-	102.46	32.17	11.02	31.03	168	172	P	V
	*	5690	107.11	-	-	94.95	32.17	11.02	31.03	168	172	A	V
													V
													V
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	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)	
802.11ac VHT80 CH 138 5690MHz		11380	56.58	-17.42	74	57.39	40.32	15.19	56.32	112	155	P	H	
		11380	51.15	-2.85	54	51.96	40.32	15.19	56.32	112	155	A	H	
		17070	55.09	-13.11	68.2	50.75	40.45	19.38	55.49	100	0	P	H	
													H	
			11380	53.21	-20.79	74	54.02	40.32	15.19	56.32	141	190	P	V
			11380	48.35	-5.65	54	49.16	40.32	15.19	56.32	141	190	A	V
			17070	54	-14.2	68.2	49.66	40.45	19.38	55.49	100	0	P	V
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Emission below 1GHz
WIFI 802.11n HT40 (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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11n HT40 LF		72.66	32.95	-7.05	40	51.23	12.75	0.88	31.91			P	H	
		134.22	39.37	-4.13	43.5	52.27	17.74	1.22	31.86	130	49	P	H	
		250.05	37.82	-8.18	46	49.19	18.7	1.71	31.78			P	H	
		302.8	37.32	-8.68	46	47.65	19.59	1.83	31.75			P	H	
		650	33.87	-12.13	46	37.25	25.7	2.91	31.99			P	H	
		943.3	34.66	-11.34	46	32.44	29.96	3.44	31.18			P	H	
													H	
													H	
													H	
													H	
													H	
													H	
			54.3	36.69	-3.31	40	54.2	13.6	0.81	31.92	100	25	P	V
			71.85	36.02	-3.98	40	54.4	12.64	0.89	31.91			P	V
			144.48	34.6	-8.9	43.5	47.53	17.66	1.26	31.85			P	V
			400.1	35.45	-10.55	46	42.77	22.21	2.23	31.76			P	V
			650	31.63	-14.37	46	35.01	25.7	2.91	31.99			P	V
			941.2	39.92	-6.08	46	37.79	29.89	3.44	31.2			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+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”.