



Appendix A. Radiated Spurious Emission

Band 1 - 5150~5250MHz

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 36 5180MHz		5149.7	57.86	-16.14	74	47.2	32.73	10.22	32.29	100	234	P	H
		5149.1	45.4	-8.6	54	34.74	32.73	10.22	32.29	100	234	A	H
	*	5178	106.08	-	-	95.32	32.74	10.3	32.28	100	234	P	H
	*	5178	94.74	-	-	83.98	32.74	10.3	32.28	100	234	A	H
													H
													H
		5139.05	54.69	-19.31	74	44.03	32.73	10.22	32.29	100	247	P	V
		5150	43.46	-10.54	54	32.8	32.73	10.22	32.29	100	247	A	V
	*	5181	99.91	-	-	89.15	32.74	10.3	32.28	100	247	P	V
	*	5181	88.61	-	-	77.85	32.74	10.3	32.28	100	247	A	V
													V
													V
802.11a CH 44 5220MHz		5149.25	56.04	-17.96	74	45.38	32.73	10.22	32.29	102	232	P	H
		5149.7	44.93	-9.07	54	34.27	32.73	10.22	32.29	102	232	A	H
	*	5218	105.73	-	-	94.94	32.74	10.32	32.27	102	232	P	H
	*	5218	94.32	-	-	83.53	32.74	10.32	32.27	102	232	A	H
		5400.16	53.57	-20.43	74	42.59	32.78	10.42	32.22	102	232	P	H
		5384.32	43.34	-10.66	54	32.36	32.78	10.42	32.22	102	232	A	H
		5106.5	53.22	-20.78	74	42.67	32.72	10.13	32.3	104	246	P	V
		5147.45	42.9	-11.1	54	32.24	32.73	10.22	32.29	104	246	A	V
	*	5221	99.48	-	-	88.69	32.74	10.32	32.27	104	246	P	V
	*	5221	88.34	-	-	77.55	32.74	10.32	32.27	104	246	A	V
		5440.75	53.38	-20.62	74	42.37	32.79	10.43	32.21	104	246	P	V
		5458.13	42.86	-11.14	54	31.83	32.79	10.44	32.2	104	246	A	V



802.11a CH 48 5240MHz		5143.85	53.5	-20.5	74	42.84	32.73	10.22	32.29	110	232	P	H
		5150	43.34	-10.66	54	32.68	32.73	10.22	32.29	110	232	A	H
	*	5238	104.92	-	-	94.11	32.75	10.32	32.26	110	232	P	H
	*	5238	93.55	-	-	82.74	32.75	10.32	32.26	110	232	A	H
		5394.99	54.07	-19.93	74	43.09	32.78	10.42	32.22	110	232	P	H
		5404.01	43.34	-10.66	54	32.36	32.78	10.42	32.22	110	232	A	H
		5107.1	52.65	-21.35	74	42.1	32.72	10.13	32.3	103	186	P	V
		5149.1	42.73	-11.27	54	32.07	32.73	10.22	32.29	103	186	A	V
	*	5242	97.68	-	-	86.87	32.75	10.32	32.26	103	186	P	V
	*	5242	86.74	-	-	75.93	32.75	10.32	32.26	103	186	A	V
		5406.54	53.45	-20.55	74	42.46	32.78	10.43	32.22	103	186	P	V
		5432.28	42.83	-11.17	54	31.82	32.79	10.43	32.21	103	186	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

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 36 5180MHz		10360	45.29	-28.71	74	51.66	36.57	14.24	57.18	100	0	P	H
		15540	53.94	-20.06	74	52.3	41.41	18.5	58.27	105	352	P	H
		15540	48.92	-5.08	54	47.28	41.41	18.5	58.27	105	352	A	H
													H
		10360	44.59	-29.41	74	50.96	36.57	14.24	57.18	100	0	P	V
		15540	58.41	-15.59	74	56.77	41.41	18.5	58.27	103	353	P	V
		15540	49.97	-4.03	54	48.33	41.41	18.5	58.27	103	353	A	V
													V
802.11a CH 44 5220MHz		10440	44.25	-29.75	74	50.51	36.59	14.29	57.14	100	0	P	H
		15662	61.83	-12.17	74	59.9	41.46	18.65	58.18	100	263	P	H
		15662	48.77	-5.23	54	46.84	41.46	18.65	58.18	100	263	A	H
													H
		10440	44.98	-29.02	74	51.24	36.59	14.29	57.14	100	0	P	V
		15662	64.77	-9.23	74	62.84	41.46	18.65	58.18	118	354	P	V
		15662	53.79	-0.21	54	51.86	41.46	18.65	58.18	118	354	A	V
													V
802.11a CH 48 5240MHz		10480	45.48	-28.52	74	51.67	36.6	14.32	57.11	100	0	P	H
		15726	61.87	-12.13	74	59.75	41.49	18.75	58.12	103	261	P	H
		15726	49.32	-4.68	54	47.2	41.49	18.75	58.12	103	261	A	H
													H
		10480	45.38	-28.62	74	51.57	36.6	14.32	57.11	100	0	P	V
		15720	66.91	-7.09	74	64.79	41.49	18.75	58.12	100	353	P	V
		15720	53.46	-0.54	54	51.34	41.49	18.75	58.12	100	353	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

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 36 5180MHz		5142.5	59.41	-14.59	74	48.75	32.73	10.22	32.29	100	234	P	H
		5149.85	45.46	-8.54	54	34.8	32.73	10.22	32.29	100	234	A	H
	*	5178	105.42	-	-	94.66	32.74	10.3	32.28	100	234	P	H
	*	5178	94.48	-	-	83.72	32.74	10.3	32.28	100	234	A	H
													H
													H
		5124.95	53.48	-20.52	74	42.91	32.73	10.13	32.29	100	247	P	V
		5150	43.41	-10.59	54	32.75	32.73	10.22	32.29	100	247	A	V
	*	5182	99.72	-	-	88.96	32.74	10.3	32.28	100	247	P	V
	*	5182	88.19	-	-	77.43	32.74	10.3	32.28	100	247	A	V
													V
													V
802.11n HT20 CH 44 5220MHz		5140.25	54.8	-19.2	74	44.14	32.73	10.22	32.29	100	234	P	H
		5149.55	44.11	-9.89	54	33.45	32.73	10.22	32.29	100	234	A	H
	*	5218	104.06	-	-	93.27	32.74	10.32	32.27	100	234	P	H
	*	5218	93.23	-	-	82.44	32.74	10.32	32.27	100	234	A	H
		5420.84	53.27	-20.73	74	42.27	32.78	10.43	32.21	100	234	P	H
		5382.56	43.12	-10.88	54	32.14	32.78	10.42	32.22	100	234	A	H
		5103.95	52.69	-21.31	74	42.14	32.72	10.13	32.3	104	246	P	V
		5147.6	42.82	-11.18	54	32.16	32.73	10.22	32.29	104	246	A	V
	*	5221	98.68	-	-	87.89	32.74	10.32	32.27	104	246	P	V
	*	5221	87.77	-	-	76.98	32.74	10.32	32.27	104	246	A	V
		5421.5	53.85	-20.15	74	42.85	32.78	10.43	32.21	104	246	P	V
		5426.45	42.86	-11.14	54	31.86	32.78	10.43	32.21	104	246	A	V



802.11n HT20 CH 48 5240MHz		5143.1	53.96	-20.04	74	43.3	32.73	10.22	32.29	110	231	P	H
		5149.55	43.54	-10.46	54	32.88	32.73	10.22	32.29	110	231	A	H
	*	5238	104.84	-	-	94.03	32.75	10.32	32.26	110	231	P	H
	*	5238	93.59	-	-	82.78	32.75	10.32	32.26	110	231	A	H
		5404.12	54.45	-19.55	74	43.47	32.78	10.42	32.22	110	231	P	H
		5404.34	43.42	-10.58	54	32.44	32.78	10.42	32.22	110	231	A	H
		5045.9	52.93	-21.07	74	42.58	32.71	9.96	32.32	111	107	P	V
		5149.25	42.75	-11.25	54	32.09	32.73	10.22	32.29	111	107	A	V
	*	5238	97.8	-	-	86.99	32.75	10.32	32.26	111	107	P	V
	*	5238	87.04	-	-	76.23	32.75	10.32	32.26	111	107	A	V
		5380.58	53.33	-20.67	74	42.35	32.78	10.42	32.22	111	107	P	V
		5429.97	42.88	-11.12	54	31.87	32.79	10.43	32.21	111	107	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

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 36 5180MHz		10360	44.56	-29.44	74	50.93	36.57	14.24	57.18	100	0	P	H
		15540	54.65	-19.35	74	53.01	41.41	18.5	58.27	100	271	P	H
		15540	43.79	-10.21	54	42.15	41.41	18.5	58.27	100	271	A	H
													H
		10360	45.06	-28.94	74	51.43	36.57	14.24	57.18	100	0	P	V
		15542	58.92	-15.08	74	57.28	41.41	18.5	58.27	119	354	P	V
		15542	47.88	-6.12	54	46.24	41.41	18.5	58.27	119	354	A	V
													V
802.11n HT20 CH 44 5220MHz		10440	44.94	-29.06	74	51.2	36.59	14.29	57.14	100	0	P	H
		15660	60.72	-13.28	74	58.79	41.46	18.65	58.18	100	263	P	H
		15660	49.14	-4.86	54	47.21	41.46	18.65	58.18	100	263	A	H
													H
		10440	44.61	-29.39	74	50.87	36.59	14.29	57.14	100	0	P	V
		15662	64.94	-9.06	74	63.01	41.46	18.65	58.18	109	354	P	V
		15662	53.87	-0.13	54	51.94	41.46	18.65	58.18	109	354	A	V
													V
802.11n HT20 CH 48 5240MHz		10480	44.23	-29.77	74	50.42	36.6	14.32	57.11	100	0	P	H
		15718	62.64	-11.36	74	60.57	41.49	18.7	58.12	100	261	P	H
		15718	49.15	-4.85	54	47.08	41.49	18.7	58.12	100	261	A	H
													H
		10480	44.61	-29.39	74	50.8	36.6	14.32	57.11	100	0	P	V
		15720	66.65	-7.35	74	64.53	41.49	18.75	58.12	100	352	P	V
		15720	53.57	-0.43	54	51.45	41.49	18.75	58.12	100	352	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

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)
802.11n HT40 CH 38 5190MHz		5148.5	60.51	-13.49	74	49.85	32.73	10.22	32.29	100	234	P	H
		5150	47.22	-6.78	54	36.56	32.73	10.22	32.29	100	234	A	H
	*	5188	98.48	-	-	87.72	32.74	10.3	32.28	100	234	P	H
	*	5188	88.88	-	-	78.12	32.74	10.3	32.28	100	234	A	H
		5387.18	53.49	-20.51	74	42.51	32.78	10.42	32.22	100	234	P	H
		5450.87	43.47	-10.53	54	32.44	32.79	10.44	32.2	100	234	A	H
		5149.1	55.61	-18.39	74	44.95	32.73	10.22	32.29	100	186	P	V
		5149.1	44.86	-9.14	54	34.2	32.73	10.22	32.29	100	186	A	V
	*	5188	93.11	-	-	82.35	32.74	10.3	32.28	100	186	P	V
	*	5188	83.38	-	-	72.62	32.74	10.3	32.28	100	186	A	V
		5430.19	53.55	-20.45	74	42.54	32.79	10.43	32.21	100	186	P	V
		5445.04	43.39	-10.61	54	32.38	32.79	10.43	32.21	100	186	A	V
802.11n HT40 CH 46 5230MHz		5128.55	54.45	-19.55	74	43.79	32.73	10.22	32.29	104	233	P	H
		5149.1	44.37	-9.63	54	33.71	32.73	10.22	32.29	104	233	A	H
	*	5228	101.27	-	-	90.46	32.75	10.32	32.26	104	233	P	H
	*	5228	91.37	-	-	80.56	32.75	10.32	32.26	104	233	A	H
		5392.9	53.58	-20.42	74	42.6	32.78	10.42	32.22	104	233	P	H
		5396.53	43.59	-10.41	54	32.61	32.78	10.42	32.22	104	233	A	H
		5148.2	52.68	-21.32	74	42.02	32.73	10.22	32.29	244	184	P	V
		5147.15	43.26	-10.74	54	32.6	32.73	10.22	32.29	244	184	A	V
	*	5228	95.64	-	-	84.83	32.75	10.32	32.26	244	184	P	V
	*	5228	85.96	-	-	75.15	32.75	10.32	32.26	244	184	A	V
		5434.92	53.39	-20.61	74	42.38	32.79	10.43	32.21	244	184	P	V
		5384.76	43.41	-10.59	54	32.43	32.78	10.42	32.22	244	184	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

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 38 5190MHz		10380	44.33	-29.67	74	50.65	36.58	14.27	57.17	100	0	P	H
		15570	50.88	-23.12	74	49.14	41.43	18.55	58.24	100	0	P	H
													H
													H
		10380	44.82	-29.18	74	51.14	36.58	14.27	57.17	100	0	P	V
		15576	54.72	-19.28	74	52.98	41.43	18.55	58.24	100	351	P	V
		15576	43.6	-10.4	54	41.86	41.43	18.55	58.24	100	351	A	V
													V
802.11n HT40 CH 46 5230MHz		10460	44.75	-29.25	74	50.97	36.59	14.32	57.13	100	0	P	H
		15692	59.72	-14.28	74	57.69	41.48	18.7	58.15	100	24	P	H
		15692	50.76	-3.24	54	48.73	41.48	18.7	58.15	100	24	A	H
													H
		10460	44.2	-29.8	74	50.42	36.59	14.32	57.13	100	0	P	V
		15692	61.93	-12.07	74	59.9	41.48	18.7	58.15	100	354	P	V
		15692	51.75	-2.25	54	49.72	41.48	18.7	58.15	100	354	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (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)
802.11ac VHT80 CH 42 5210MHz		5144.3	59.34	-14.66	74	48.68	32.73	10.22	32.29	100	234	P	H
		5149.4	47.53	-6.47	54	36.87	32.73	10.22	32.29	100	234	A	H
	*	5208	96.74	-	-	85.95	32.74	10.32	32.27	100	234	P	H
	*	5208	87.65	-	-	76.86	32.74	10.32	32.27	100	234	A	H
		5414.13	53.54	-20.46	74	42.54	32.78	10.43	32.21	100	234	P	H
		5393.45	44.05	-9.95	54	33.07	32.78	10.42	32.22	100	234	A	H
		5147.15	55.67	-18.33	74	45.01	32.73	10.22	32.29	102	185	P	V
		5148.35	45.31	-8.69	54	34.65	32.73	10.22	32.29	102	185	A	V
	*	5208	92.04	-	-	81.25	32.74	10.32	32.27	102	185	P	V
	*	5208	82.62	-	-	71.83	32.74	10.32	32.27	102	185	A	V
		5397.3	53.76	-20.24	74	42.78	32.78	10.42	32.22	102	185	P	V
		5424.8	43.64	-10.36	54	32.64	32.78	10.43	32.21	102	185	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 1 5150~5250MHz****WIFI 802.11ac VHT80 (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)
802.11ac VHT80 CH 42 5210MHz		10420	44.35	-29.65	74	50.63	36.58	14.29	57.15	100	0	P	H
		15630	49.65	-24.35	74	47.78	41.46	18.6	58.19	100	0	P	H
													H
													H
		10420	44.45	-29.55	74	50.73	36.58	14.29	57.15	100	0	P	V
		15630	50.17	-23.83	74	48.3	41.46	18.6	58.19	100	0	P	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 (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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5142.65	53.88	-20.12	74	43.22	32.73	10.22	32.29	121	233	P	H
		5149.4	43.26	-10.74	54	32.6	32.73	10.22	32.29	121	233	A	H
	*	5262	103.06	-	-	92.22	32.75	10.35	32.26	121	233	P	H
	*	5262	92.03	-	-	81.19	32.75	10.35	32.26	121	233	A	H
		5425.13	53.47	-20.53	74	42.47	32.78	10.43	32.21	121	233	P	H
		5423.37	43.31	-10.69	54	32.31	32.78	10.43	32.21	121	233	A	H
		5100.8	53.41	-20.59	74	42.86	32.72	10.13	32.3	100	187	P	V
		5146.1	42.73	-11.27	54	32.07	32.73	10.22	32.29	100	187	A	V
	*	5258	96.2	-	-	85.36	32.75	10.35	32.26	100	187	P	V
	*	5258	85.14	-	-	74.3	32.75	10.35	32.26	100	187	A	V
		5397.41	53.4	-20.6	74	42.42	32.78	10.42	32.22	100	187	P	V
		5428.1	42.88	-11.12	54	31.88	32.78	10.43	32.21	100	187	A	V
802.11a CH 60 5300MHz		5137.7	55.05	-18.95	74	44.39	32.73	10.22	32.29	120	232	P	H
		5138.45	43.37	-10.63	54	32.71	32.73	10.22	32.29	120	232	A	H
	*	5301	103.04	-	-	92.16	32.76	10.37	32.25	120	232	P	H
	*	5301	91.75	-	-	80.87	32.76	10.37	32.25	120	232	A	H
		5353.74	54.42	-19.58	74	43.48	32.77	10.4	32.23	120	232	P	H
		5350.22	43.86	-10.14	54	32.92	32.77	10.4	32.23	120	232	A	H
		5135.6	52.83	-21.17	74	42.17	32.73	10.22	32.29	241	178	P	V
		5138.9	42.71	-11.29	54	32.05	32.73	10.22	32.29	241	178	A	V
	*	5298	97.33	-	-	86.45	32.76	10.37	32.25	241	178	P	V
	*	5298	86.32	-	-	75.44	32.76	10.37	32.25	241	178	A	V
		5440.31	53.83	-20.17	74	42.82	32.79	10.43	32.21	241	178	P	V
		5350.33	43.07	-10.93	54	32.13	32.77	10.4	32.23	241	178	A	V



802.11a CH 64 5320MHz	*	5318	102.14	-	-	91.25	32.76	10.37	32.24	117	232	P	H
	*	5318	90.79	-	-	79.9	32.76	10.37	32.24	117	232	A	H
		5360.34	55.87	-18.13	74	44.93	32.77	10.4	32.23	117	232	P	H
		5350.11	43.84	-10.16	54	32.9	32.77	10.4	32.23	117	232	A	H
													H
													H
	*	5322	97.2	-	-	86.31	32.76	10.37	32.24	238	180	P	V
	*	5322	85.75	-	-	74.86	32.76	10.37	32.24	238	180	A	V
		5427.55	54.07	-19.93	74	43.07	32.78	10.43	32.21	238	180	P	V
		5350	43.16	-10.84	54	32.22	32.77	10.4	32.23	238	180	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	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	45.13	-28.87	74	51.31	36.58	14.34	57.1	100	0	P	H
		15780	61.43	-12.57	74	59.2	41.51	18.8	58.08	103	276	P	H
		15780	49.08	-4.92	54	46.85	41.51	18.8	58.08	103	276	A	H
													H
		10520	45.4	-28.6	74	51.58	36.58	14.34	57.1	100	0	P	V
		15778	68.35	-5.65	74	66.12	41.51	18.8	58.08	112	360	P	V
		15778	53.75	-0.25	54	51.52	41.51	18.8	58.08	112	360	A	V
													V
802.11a CH 60 5300MHz		10600	43.81	-30.19	74	50.08	36.46	14.39	57.12	100	0	P	H
		15898	60.68	-13.32	74	58.15	41.56	18.95	57.98	100	273	P	H
		15898	47.22	-6.78	54	44.69	41.56	18.95	57.98	100	273	A	H
													H
		10600	43.93	-30.07	74	50.2	36.46	14.39	57.12	100	0	P	V
		15900	67.25	-6.75	74	64.72	41.56	18.95	57.98	105	360	P	V
		15900	52.64	-1.36	54	50.11	41.56	18.95	57.98	105	360	A	V
													V
802.11a CH 64 5320MHz		10640	43.4	-30.6	74	49.7	36.41	14.42	57.13	100	0	P	H
		15962	57.41	-16.59	74	54.7	41.59	19.05	57.93	100	261	P	H
		15962	45.25	-8.75	54	42.54	41.59	19.05	57.93	100	261	A	H
													H
		10640	44.36	-29.64	74	50.66	36.41	14.42	57.13	100	0	P	V
		15962	63	-11	74	60.29	41.59	19.05	57.93	122	360	P	V
		15962	49.44	-4.56	54	46.73	41.59	19.05	57.93	122	360	A	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 (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 52 5260MHz		5134.25	53.9	-20.1	74	43.24	32.73	10.22	32.29	104	232	P	H
		5148.65	43.27	-10.73	54	32.61	32.73	10.22	32.29	104	232	A	H
	*	5258	103.26	-	-	92.42	32.75	10.35	32.26	104	232	P	H
	*	5258	92.28	-	-	81.44	32.75	10.35	32.26	104	232	A	H
		5423.59	54.31	-19.69	74	43.31	32.78	10.43	32.21	104	232	P	H
		5422.27	43.4	-10.6	54	32.4	32.78	10.43	32.21	104	232	A	H
		5126.9	52.99	-21.01	74	42.33	32.73	10.22	32.29	247	179	P	V
		5149.25	42.68	-11.32	54	32.02	32.73	10.22	32.29	247	179	A	V
	*	5262	97.84	-	-	87	32.75	10.35	32.26	247	179	P	V
	*	5262	86.76	-	-	75.92	32.75	10.35	32.26	247	179	A	V
		5405.99	52.97	-21.03	74	41.98	32.78	10.43	32.22	247	179	P	V
		5420.95	42.99	-11.01	54	31.99	32.78	10.43	32.21	247	179	A	V
802.11n HT20 CH 60 5300MHz		5138.45	53.24	-20.76	74	42.58	32.73	10.22	32.29	100	356	P	H
		5142.5	43.05	-10.95	54	32.39	32.73	10.22	32.29	100	356	A	H
	*	5301	102.11	-	-	91.23	32.76	10.37	32.25	100	356	P	H
	*	5301	91.06	-	-	80.18	32.76	10.37	32.25	100	356	A	H
		5361.33	54.19	-19.81	74	43.25	32.77	10.4	32.23	100	356	P	H
		5350.11	43.72	-10.28	54	32.78	32.77	10.4	32.23	100	356	A	H
		5095.55	52.56	-21.44	74	42.01	32.72	10.13	32.3	365	107	P	V
		5136.95	42.7	-11.3	54	32.04	32.73	10.22	32.29	365	107	A	V
	*	5302	96.9	-	-	86.02	32.76	10.37	32.25	365	107	P	V
	*	5302	86.16	-	-	75.28	32.76	10.37	32.25	365	107	A	V
		5417.65	53.29	-20.71	74	42.29	32.78	10.43	32.21	365	107	P	V
		5419.19	42.9	-11.1	54	31.9	32.78	10.43	32.21	365	107	A	V



802.11n HT20 CH 64 5320MHz	*	5318	101.37	-	-	90.48	32.76	10.37	32.24	100	354	P	H
	*	5318	90.28	-	-	79.39	32.76	10.37	32.24	100	354	A	H
		5364.96	54.57	-19.43	74	43.63	32.77	10.4	32.23	100	354	P	H
		5350	43.67	-10.33	54	32.73	32.77	10.4	32.23	100	354	A	H
													H
													H
	*	5322	96.09	-	-	85.2	32.76	10.37	32.24	361	106	P	V
	*	5322	84.9	-	-	74.01	32.76	10.37	32.24	361	106	A	V
		5406.54	53.24	-20.76	74	42.25	32.78	10.43	32.22	361	106	P	V
		5350	42.95	-11.05	54	32.01	32.77	10.4	32.23	361	106	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	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	44.11	-29.89	74	50.29	36.58	14.34	57.1	100	0	P	H
		15782	61.68	-12.32	74	59.43	41.52	18.8	58.07	106	256	P	H
		15782	49.3	-4.7	54	47.05	41.52	18.8	58.07	106	256	A	H
													H
		10520	44.26	-29.74	74	50.44	36.58	14.34	57.1	100	0	P	V
		15778	68.55	-5.45	74	66.32	41.51	18.8	58.08	100	359	P	V
		15778	53.6	-0.4	54	51.37	41.51	18.8	58.08	100	359	A	V
													V
802.11n HT20 CH 60 5300MHz		10600	44.06	-29.94	74	50.33	36.46	14.39	57.12	100	0	P	H
		15900	60.02	-13.98	74	57.49	41.56	18.95	57.98	100	41	P	H
		15900	46.18	-7.82	54	43.65	41.56	18.95	57.98	100	41	A	H
													H
		10600	43.96	-30.04	74	50.23	36.46	14.39	57.12	100	0	P	V
		15902	65.23	-8.77	74	62.68	41.57	18.95	57.97	120	359	P	V
		15902	51.77	-2.23	54	49.22	41.57	18.95	57.97	120	359	A	V
													V
802.11n HT20 CH 64 5320MHz		10640	43.59	-30.41	74	49.89	36.41	14.42	57.13	100	0	P	H
		15960	56.44	-17.56	74	53.73	41.59	19.05	57.93	100	260	P	H
		15960	44.47	-9.53	54	41.76	41.59	19.05	57.93	100	260	A	H
													H
		10640	44.22	-29.78	74	50.52	36.41	14.42	57.13	100	0	P	V
		15960	62.42	-11.58	74	59.71	41.59	19.05	57.93	122	359	P	V
		15960	48.9	-5.1	54	46.19	41.59	19.05	57.93	122	359	A	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	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		5127.65	53.46	-20.54	74	42.8	32.73	10.22	32.29	107	234	P	H
		5120.3	43.6	-10.4	54	33.05	32.72	10.13	32.3	107	234	A	H
	*	5268	99.59	-	-	88.75	32.75	10.35	32.26	107	234	P	H
	*	5268	90.29	-	-	79.45	32.75	10.35	32.26	107	234	A	H
		5354.95	53.79	-20.21	74	42.85	32.77	10.4	32.23	107	234	P	H
		5350	43.92	-10.08	54	32.98	32.77	10.4	32.23	107	234	A	H
		5126.3	53.42	-20.58	74	42.76	32.73	10.22	32.29	236	183	P	V
		5116.7	43.25	-10.75	54	32.7	32.72	10.13	32.3	236	183	A	V
	*	5272	94.92	-	-	84.08	32.75	10.35	32.26	236	183	P	V
	*	5272	85.06	-	-	74.22	32.75	10.35	32.26	236	183	A	V
		5444.93	52.94	-21.06	74	41.93	32.79	10.43	32.21	236	183	P	V
		5428.98	43.44	-10.56	54	32.43	32.79	10.43	32.21	236	183	A	V
802.11n HT40 CH 62 5310MHz		5139.35	53.96	-20.04	74	43.3	32.73	10.22	32.29	103	233	P	H
		5148.95	43.52	-10.48	54	32.86	32.73	10.22	32.29	103	233	A	H
	*	5308	97.76	-	-	86.88	32.76	10.37	32.25	103	233	P	H
	*	5308	87.88	-	-	77	32.76	10.37	32.25	103	233	A	H
		5354.62	54.78	-19.22	74	43.84	32.77	10.4	32.23	103	233	P	H
		5350	44.48	-9.52	54	33.54	32.77	10.4	32.23	103	233	A	H
		5149.25	53.17	-20.83	74	42.51	32.73	10.22	32.29	250	182	P	V
		5148.65	43.25	-10.75	54	32.59	32.73	10.22	32.29	250	182	A	V
	*	5312	93.27	-	-	82.38	32.76	10.37	32.24	250	182	P	V
	*	5312	83.42	-	-	72.53	32.76	10.37	32.24	250	182	A	V
		5368.48	54.02	-19.98	74	43.06	32.77	10.42	32.23	250	182	P	V
		5352.09	43.73	-10.27	54	32.79	32.77	10.4	32.23	250	182	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	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	45.44	-28.56	74	51.63	36.55	14.37	57.11	100	0	P	H
		15812	59.59	-14.41	74	57.27	41.52	18.85	58.05	100	29	P	H
		15812	48.9	-5.1	54	46.58	41.52	18.85	58.05	100	29	A	H
													H
		10540	45.85	-28.15	74	52.04	36.55	14.37	57.11	100	0	P	V
		15812	63.64	-10.36	74	61.32	41.52	18.85	58.05	100	358	P	V
		15812	52.83	-1.17	54	50.51	41.52	18.85	58.05	100	358	A	V
													V
802.11n HT40 CH 62 5310MHz		10620	43.26	-30.74	74	49.53	36.43	14.42	57.12	100	0	P	H
		15930	55.15	-18.85	74	52.54	41.57	19	57.96	100	33	P	H
		15930	45.5	-8.5	54	42.89	41.57	19	57.96	100	33	A	H
													H
		10620	43.4	-30.6	74	49.67	36.43	14.42	57.12	100	0	P	V
		15930	58.29	-15.71	74	55.68	41.57	19	57.96	100	359	P	V
		15930	47.7	-6.3	54	45.09	41.57	19	57.96	100	359	A	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	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		5148.35	54.33	-19.67	74	43.67	32.73	10.22	32.29	106	234	P	H
		5149.1	44.62	-9.38	54	33.96	32.73	10.22	32.29	106	234	A	H
	*	5288	94.89	-	-	84.01	32.76	10.37	32.25	106	234	P	H
	*	5288	85.68	-	-	74.8	32.76	10.37	32.25	106	234	A	H
		5371.67	57.9	-16.1	74	46.94	32.77	10.42	32.23	106	234	P	H
		5353.19	48.01	-5.99	54	37.07	32.77	10.4	32.23	106	234	A	H
		5147.9	53.48	-20.52	74	42.82	32.73	10.22	32.29	256	183	P	V
		5122.55	43.66	-10.34	54	33.09	32.73	10.13	32.29	256	183	A	V
	*	5288	90.35	-	-	79.47	32.76	10.37	32.25	256	183	P	V
	*	5288	81.26	-	-	70.38	32.76	10.37	32.25	256	183	A	V
		5350.22	54.48	-19.52	74	43.54	32.77	10.4	32.23	256	183	P	V
		5351.98	45.07	-8.93	54	34.13	32.77	10.4	32.23	256	183	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	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	45.87	-28.13	74	52.12	36.48	14.39	57.12	100	0	P	H
		15870	56.01	-17.99	74	53.56	41.55	18.9	58	100	28	P	H
		15870	44.88	-9.12	54	42.43	41.55	18.9	58	100	28	A	H
													H
		10580	45.4	-28.6	74	51.65	36.48	14.39	57.12	100	0	P	V
		15870	60.81	-13.19	74	58.36	41.55	18.9	58	101	359	P	V
		15870	49.48	-4.52	54	47.03	41.55	18.9	58	101	359	A	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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5438.32	54.9	-19.1	74	43.89	32.79	10.43	32.21	100	210	P	H
		5470	44.06	-9.94	54	33.03	32.79	10.44	32.2	100	210	A	H
	*	5502	102.34	-	-	91.28	32.8	10.45	32.19	100	210	P	H
	*	5502	91.1	-	-	80.04	32.8	10.45	32.19	100	210	A	H
													H
													H
		5401.04	53.36	-20.64	74	42.38	32.78	10.42	32.22	299	150	P	V
		5469.68	43.14	-10.86	54	32.11	32.79	10.44	32.2	299	150	A	V
	*	5498	95.92	-	-	84.86	32.8	10.45	32.19	299	150	P	V
	*	5498	84.97	-	-	73.91	32.8	10.45	32.19	299	150	A	V
													V
													V
802.11a CH 116 5580MHz		5426.16	53.09	-20.91	74	42.09	32.78	10.43	32.21	112	227	P	H
		5418	43.21	-10.79	54	32.21	32.78	10.43	32.21	112	227	A	H
	*	5582	103.17	-	-	91.89	32.97	10.47	32.16	112	227	P	H
	*	5582	91.47	-	-	80.19	32.97	10.47	32.16	112	227	A	H
		5736.76	54.49	-19.51	74	42.79	33.28	10.53	32.11	112	227	P	H
		5737.64	44.04	-9.96	54	32.34	33.28	10.53	32.11	112	227	A	H
		5458	53.07	-20.93	74	42.04	32.79	10.44	32.2	277	153	P	V
		5423.44	42.96	-11.04	54	31.96	32.78	10.43	32.21	277	153	A	V
	*	5582	96.23	-	-	84.95	32.97	10.47	32.16	277	153	P	V
	*	5582	85.29	-	-	74.01	32.97	10.47	32.16	277	153	A	V
		5743.16	54.36	-19.64	74	42.66	33.28	10.53	32.11	277	153	P	V
		5743.08	43.71	-10.29	54	32.01	33.28	10.53	32.11	277	153	A	V



802.11a CH 140 5700MHz	*	5702	100.92	-	-	89.31	33.21	10.52	32.12	100	227	P	H
	*	5702	89.54	-	-	77.93	33.21	10.52	32.12	100	227	A	H
		5727	56.29	-17.71	74	44.63	33.25	10.53	32.12	100	227	P	H
		5725	44.77	-9.23	54	33.12	33.25	10.52	32.12	100	227	A	H
													H
													H
	*	5702	95.46	-	-	83.85	33.21	10.52	32.12	100	151	P	V
	*	5702	84.89	-	-	73.28	33.21	10.52	32.12	100	151	A	V
		5748.12	54.74	-19.26	74	43.04	33.28	10.53	32.11	100	151	P	V
		5725	43.91	-10.09	54	32.26	33.25	10.52	32.12	100	151	A	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	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	43.64	-30.36	74	50.29	35.9	14.65	57.2	100	0	P	H
		16502	54.23	-19.77	74	50.54	41.7	19.09	57.1	102	266	P	H
		16502	41.88	-12.12	54	38.19	41.7	19.09	57.1	102	266	A	H
													H
		11000	43.87	-30.13	74	50.52	35.9	14.65	57.2	100	0	P	V
		16500	59.23	-14.77	74	55.54	41.7	19.09	57.1	111	351	P	V
		16500	46.76	-7.24	54	43.07	41.7	19.09	57.1	111	351	A	V
													V
802.11a CH 116 5580MHz		11160	44.33	-29.67	74	50.68	36	14.75	57.1	100	0	P	H
		16742	55.71	-18.29	74	52.13	41.6	19.08	57.1	100	159	P	H
		16742	43.43	-10.57	54	39.85	41.6	19.08	57.1	100	159	A	H
													H
		11160	44.21	-29.79	74	50.56	36	14.75	57.1	100	0	P	V
		16742	63.15	-10.85	74	59.57	41.6	19.08	57.1	100	23	P	V
		16742	50.38	-3.62	54	46.8	41.6	19.08	57.1	100	23	A	V
													V
802.11a CH 140 5700MHz		11400	43.52	-30.48	74	49.43	36.14	14.91	56.96	100	0	P	H
		17100	53.8	-20.2	74	50.43	41.66	19.07	57.36	100	0	P	H
													H
													H
		11400	45.09	-28.91	74	51	36.14	14.91	56.96	100	0	P	V
		17098	59.02	-14.98	74	55.65	41.66	19.07	57.36	100	352	P	V
		17098	47.33	-6.67	54	43.96	41.66	19.07	57.36	100	352	A	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 (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 100 5500MHz		5470	54.29	-19.71	74	43.26	32.79	10.44	32.2	291	347	P	H
		5469.84	43.87	-10.13	54	32.84	32.79	10.44	32.2	291	347	A	H
	*	5502	102.34	-	-	91.28	32.8	10.45	32.19	291	347	P	H
	*	5502	91.3	-	-	80.24	32.8	10.45	32.19	291	347	A	H
													H
													H
		5469.52	53.1	-20.9	74	42.07	32.79	10.44	32.2	102	152	P	V
		5470	43.17	-10.83	54	32.14	32.79	10.44	32.2	102	152	A	V
	*	5498	96.3	-	-	85.24	32.8	10.45	32.19	102	152	P	V
	*	5498	84.97	-	-	73.91	32.8	10.45	32.19	102	152	A	V
													V
													V
802.11n HT20 CH 116 5580MHz		5442.48	53.91	-20.09	74	42.9	32.79	10.43	32.21	110	254	P	H
		5424.08	43.21	-10.79	54	32.21	32.78	10.43	32.21	110	254	A	H
	*	5582	101.46	-	-	90.18	32.97	10.47	32.16	110	254	P	H
	*	5582	90.4	-	-	79.12	32.97	10.47	32.16	110	254	A	H
		5738.6	54.33	-19.67	74	42.63	33.28	10.53	32.11	110	254	P	H
		5737.48	43.81	-10.19	54	32.11	33.28	10.53	32.11	110	254	A	H
		5417.36	53.4	-20.6	74	42.4	32.78	10.43	32.21	100	152	P	V
		5424.08	42.93	-11.07	54	31.93	32.78	10.43	32.21	100	152	A	V
	*	5578	96.24	-	-	85	32.94	10.47	32.17	100	152	P	V
	*	5578	84.95	-	-	73.71	32.94	10.47	32.17	100	152	A	V
		5749.8	53.97	-20.03	74	42.27	33.28	10.53	32.11	100	152	P	V
		5737.24	43.64	-10.36	54	31.94	33.28	10.53	32.11	100	152	A	V



802.11n HT20 CH 140 5700MHz	*	5698	100.4	-	-	88.83	33.18	10.52	32.13	100	227	P	H
	*	5698	89.19	-	-	77.62	33.18	10.52	32.13	100	227	A	H
		5733.16	57.1	-16.9	74	45.44	33.25	10.53	32.12	100	227	P	H
		5725	44.81	-9.19	54	33.16	33.25	10.52	32.12	100	227	A	H
													H
													H
	*	5702	95.71	-	-	84.1	33.21	10.52	32.12	100	150	P	V
	*	5702	84.71	-	-	73.1	33.21	10.52	32.12	100	150	A	V
		5726.2	55.74	-18.26	74	44.08	33.25	10.53	32.12	100	150	P	V
		5725	43.9	-10.1	54	32.25	33.25	10.52	32.12	100	150	A	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	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	43.33	-30.67	74	49.98	35.9	14.65	57.2	100	0	P	H
		16500	55.27	-18.73	74	51.58	41.7	19.09	57.1	100	36	P	H
		16500	45.42	-8.58	54	41.73	41.7	19.09	57.1	100	36	A	H
													H
		11000	43.77	-30.23	74	50.42	35.9	14.65	57.2	100	0	P	V
		16500	57.79	-16.21	74	54.1	41.7	19.09	57.1	100	348	P	V
		16500	47.86	-6.14	54	44.17	41.7	19.09	57.1	100	348	A	V
													V
802.11n HT20 CH 116 5580MHz		11160	44.29	-29.71	74	50.64	36	14.75	57.1	100	0	P	H
		16740	56.83	-17.17	74	53.25	41.6	19.08	57.1	100	36	P	H
		16740	49.37	-4.63	54	45.79	41.6	19.08	57.1	100	36	A	H
													H
		11160	45.57	-28.43	74	51.92	36	14.75	57.1	100	0	P	V
		16740	61.6	-12.4	74	58.02	41.6	19.08	57.1	100	336	P	V
		16740	53.9	-0.1	54	50.32	41.6	19.08	57.1	100	336	A	V
													V
802.11n HT20 CH 140 5700MHz		11400	43.86	-30.14	74	49.77	36.14	14.91	56.96	100	0	P	H
		17100	55.82	-18.18	74	52.45	41.66	19.07	57.36	100	0	P	H
		17100	44.54	-9.46	54	41.17	41.66	19.07	57.36	100	0	A	H
													H
		11400	44.55	-29.45	74	50.46	36.14	14.91	56.96	100	0	P	V
		17100	57.87	-16.13	74	54.5	41.66	19.07	57.36	100	0	P	V
		17100	45.82	-8.18	54	42.45	41.66	19.07	57.36	100	0	A	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	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		5468.4	57.17	-16.83	74	46.14	32.79	10.44	32.2	109	230	P	H
		5470	45.67	-8.33	54	34.64	32.79	10.44	32.2	109	230	A	H
	*	5512	99.1	-	-	88.04	32.8	10.45	32.19	109	230	P	H
	*	5512	89.58	-	-	78.52	32.8	10.45	32.19	109	230	A	H
		5754.12	53.69	-20.31	74	41.95	33.32	10.53	32.11	109	230	P	H
		5756.84	44.08	-9.92	54	32.34	33.32	10.53	32.11	109	230	A	H
		5470	55.85	-18.15	74	44.82	32.79	10.44	32.2	225	272	P	V
		5469.68	44.25	-9.75	54	33.22	32.79	10.44	32.2	225	272	A	V
	*	5508	94.49	-	-	83.43	32.8	10.45	32.19	225	272	P	V
	*	5508	84.55	-	-	73.49	32.8	10.45	32.19	225	272	A	V
		5754.52	54.88	-19.12	74	43.14	33.32	10.53	32.11	225	272	P	V
		5750.44	44.01	-9.99	54	32.31	33.28	10.53	32.11	225	272	A	V
802.11n HT40 CH 110 5550MHz		5464.56	54.68	-19.32	74	43.65	32.79	10.44	32.2	102	230	P	H
		5470	44.07	-9.93	54	33.04	32.79	10.44	32.2	102	230	A	H
	*	5548	100.61	-	-	89.42	32.9	10.46	32.17	102	230	P	H
	*	5548	90.75	-	-	79.56	32.9	10.46	32.17	102	230	A	H
		5734.28	54.45	-19.55	74	42.79	33.25	10.53	32.12	102	230	P	H
		5727.48	44.21	-9.79	54	32.55	33.25	10.53	32.12	102	230	A	H
		5407.12	53.43	-20.57	74	42.44	32.78	10.43	32.22	250	271	P	V
		5469.36	43.6	-10.4	54	32.57	32.79	10.44	32.2	250	271	A	V
	*	5548	94.4	-	-	83.21	32.9	10.46	32.17	250	271	P	V
	*	5548	84.71	-	-	73.52	32.9	10.46	32.17	250	271	A	V
		5763.16	54.62	-19.38	74	42.88	33.32	10.53	32.11	250	271	P	V
		5754.68	44.02	-9.98	54	32.28	33.32	10.53	32.11	250	271	A	V



802.11n HT40 CH 134 5670MHz		5437.04	54.52	-19.48	74	43.51	32.79	10.43	32.21	100	230	P	H
		5424.08	43.68	-10.32	54	32.68	32.78	10.43	32.21	100	230	A	H
	*	5668	99.98	-	-	88.47	33.14	10.5	32.13	100	230	P	H
	*	5668	90.52	-	-	79.01	33.14	10.5	32.13	100	230	A	H
		5731	57.77	-16.23	74	46.11	33.25	10.53	32.12	100	230	P	H
		5725.16	45.73	-8.27	54	34.08	33.25	10.52	32.12	100	230	A	H
		5438.16	52.91	-21.09	74	41.9	32.79	10.43	32.21	160	99	P	V
		5469.04	43.43	-10.57	54	32.4	32.79	10.44	32.2	160	99	A	V
	*	5672	93.12	-	-	81.61	33.14	10.5	32.13	160	99	P	V
	*	5672	83.79	-	-	72.28	33.14	10.5	32.13	160	99	A	V
		5756.92	54.29	-19.71	74	42.55	33.32	10.53	32.11	160	99	P	V
		5733.48	44.17	-9.83	54	32.51	33.25	10.53	32.12	160	99	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 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 102 5510MHz		11020	43.65	-30.35	74	50.25	35.91	14.68	57.19	100	0	P	H
		16530	51.93	-22.07	74	48.25	41.69	19.09	57.1	100	0	P	H
													H
													H
		11020	43.47	-30.53	74	50.07	35.91	14.68	57.19	100	0	P	V
		16530	54.74	-19.26	74	51.06	41.69	19.09	57.1	100	358	P	V
		16530	45.24	-8.76	54	41.56	41.69	19.09	57.1	100	358	A	V
													V
802.11n HT40 CH 110 5550MHz		11100	43.91	-30.09	74	50.36	35.96	14.73	57.14	100	0	P	H
		16662	57.17	-16.83	74	53.55	41.64	19.08	57.1	100	38	P	H
		16662	48.38	-5.62	54	44.76	41.64	19.08	57.1	100	38	A	H
													H
		11100	43.72	-30.28	74	50.17	35.96	14.73	57.14	100	0	P	V
		16650	62.49	-11.51	74	58.87	41.64	19.08	57.1	100	349	P	V
		16650	52.65	-1.35	54	49.03	41.64	19.08	57.1	100	349	A	V
													V
802.11n HT40 CH 134 5670MHz		11340	44.68	-29.32	74	50.7	36.1	14.88	57	100	0	P	H
		17010	53.81	-20.19	74	50.34	41.53	19.08	57.14	100	0	P	H
													H
													H
		11340	44.04	-29.96	74	50.06	36.1	14.88	57	100	0	P	V
		17010	57.9	-16.1	74	54.43	41.53	19.08	57.14	100	356	P	V
		17010	49.24	-4.76	54	45.77	41.53	19.08	57.14	100	356	A	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	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		5461.52	59.34	-14.66	74	48.31	32.79	10.44	32.2	109	230	P	H
		5466.48	47.06	-6.94	54	36.03	32.79	10.44	32.2	109	230	A	H
	*	5528	96.25	-	-	85.14	32.83	10.46	32.18	109	230	P	H
	*	5528	87.49	-	-	76.38	32.83	10.46	32.18	109	230	A	H
		5747.72	54.56	-19.44	74	42.86	33.28	10.53	32.11	109	230	P	H
		5762.36	44.34	-9.66	54	32.6	33.32	10.53	32.11	109	230	A	H
		5459.6	54.8	-19.2	74	43.77	32.79	10.44	32.2	136	245	P	V
		5467.92	44.1	-9.9	54	33.07	32.79	10.44	32.2	136	245	A	V
	*	5532	89.71	-	-	78.56	32.87	10.46	32.18	136	245	P	V
	*	5532	80.66	-	-	69.51	32.87	10.46	32.18	136	245	A	V
		5757.32	53.84	-20.16	74	42.1	33.32	10.53	32.11	136	245	P	V
		5751.8	44.14	-9.86	54	32.4	33.32	10.53	32.11	136	245	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	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	43.36	-30.64	74	49.88	35.94	14.7	57.16	100	0	P	H
		16590	49.41	-24.59	74	45.75	41.67	19.09	57.1	100	0	P	H
													H
													H
		11060	43.94	-30.06	74	50.46	35.94	14.7	57.16	100	0	P	V
		16590	48.08	-25.92	74	44.42	41.67	19.09	57.1	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 - 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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz	*	5722	100.67	-	-	89.02	33.25	10.52	32.12	100	198	P	H
	*	5722	89.53	-	-	77.88	33.25	10.52	32.12	100	198	A	H
													H
													H
													H
													H
	*	5718	97.86	-	-	86.21	33.25	10.52	32.12	131	259	P	V
	*	5718	86.3	-	-	74.65	33.25	10.52	32.12	131	259	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)**

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 144 5720MHz		11440	43.76	-30.24	74	49.61	36.16	14.93	56.94	100	0	P	H
													H
													H
													H
		11440	44.9	-29.1	74	50.75	36.16	14.93	56.94	100	0	P	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 (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 144 5720MHz	*	5722	101.96	-	-	90.31	33.25	10.52	32.12	100	86	P	H
	*	5722	92.84	-	-	81.19	33.25	10.52	32.12	100	86	A	H
													H
													H
													H
													H
	*	5718	100.89	-	-	89.24	33.25	10.52	32.12	216	67	P	V
	*	5718	89.63	-	-	77.98	33.25	10.52	32.12	216	67	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	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	49.27	-24.73	74	55.12	36.16	14.93	56.94	100	0	P	H
													H
													H
													H
		11440	51.16	-22.84	74	57.01	36.16	14.93	56.94	100	0	P	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 (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 HT40 CH 142 5710MHz	*	5712	99.67	-	-	88.06	33.21	10.52	32.12	100	86	P	H
	*	5712	88.62	-	-	77.01	33.21	10.52	32.12	100	86	A	H
													H
													H
													H
													H
	*	5712	96.53	-	-	84.92	33.21	10.52	32.12	100	70	P	V
	*	5712	87.11	-	-	75.5	33.21	10.52	32.12	100	70	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	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	47.17	-26.83	74	53.04	36.15	14.93	56.95	100	0	P	H
													H
													H
													H
		11420	51.42	-22.58	74	57.29	36.15	14.93	56.95	100	0	P	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 (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)
802.11ac VHT80 CH 138 5690MHz	*	5692	98.37	-	-	86.8	33.18	10.52	32.13	100	228	P	H
	*	5692	88.49	-	-	76.92	33.18	10.52	32.13	100	228	A	H
													H
													H
													H
													H
	*	5692	90.7	-	-	79.13	33.18	10.52	32.13	100	149	P	V
	*	5692	81.6	-	-	70.03	33.18	10.52	32.13	100	149	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	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	44.33	-29.67	74	50.26	36.13	14.91	56.97	100	0	P	H
													H
													H
													H
		11380	45.07	-28.93	74	51	36.13	14.91	56.97	100	0	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11n 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 LF		139.62	31.21	-12.29	43.5	48.38	11.5	1.71	30.38	102	206	P	H
		220.89	31.91	-14.09	46	50.8	9.38	2.02	30.29			P	H
		279.75	29.97	-16.03	46	45.21	12.81	2.14	30.19			P	H
		470.1	26.69	-19.31	46	36.29	17.5	2.77	29.87			P	H
		645.1	25.99	-20.01	46	31.81	20.4	3.33	29.55			P	H
		977.6	28.02	-25.98	54	27.87	24.88	4.16	28.89			P	H
													H
													H
													H
													H
													H
													H
		34.59	32.54	-7.46	40	45.58	16.3	0.92	30.26	128	43	P	V
		139.62	25.46	-18.04	43.5	42.63	11.5	1.71	30.38			P	V
		219.27	25.27	-20.73	46	44.26	9.29	2.02	30.3			P	V
		435.8	24.15	-21.85	46	34.45	16.95	2.68	29.93			P	V
		932.8	25.51	-20.49	46	26.1	24.36	4.08	29.03			P	V
		971.3	27.6	-26.4	54	27.54	24.81	4.16	28.91			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

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”.



Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 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 116 5580MHz		5380.24	53.32	-20.68	74	42.34	32.78	10.42	32.22	100	228	P	H
		5416.56	43.12	-10.88	54	32.12	32.78	10.43	32.21	100	228	A	H
	*	5578	102.81	-	-	91.57	32.94	10.47	32.17	100	228	P	H
	*	5578	91.07	-	-	79.83	32.94	10.47	32.17	100	228	A	H
		5737.64	54.12	-19.88	74	42.42	33.28	10.53	32.11	100	228	P	H
		5737.8	43.74	-10.26	54	32.04	33.28	10.53	32.11	100	228	A	H
		5452.88	53.7	-20.3	74	42.67	32.79	10.44	32.2	100	267	P	V
		5421.68	43.02	-10.98	54	32.02	32.78	10.43	32.21	100	267	A	V
	*	5583	100.46	-	-	89.18	32.97	10.47	32.16	100	267	P	V
	*	5583	89.5	-	-	78.22	32.97	10.47	32.16	100	267	A	V
		5746.04	54.09	-19.91	74	42.39	33.28	10.53	32.11	100	267	P	V
		5742.6	43.73	-10.27	54	32.03	33.28	10.53	32.11	100	267	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 (Harmonic @ 3m)**

WIFI Ant. 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 116 5580MHz		11160	45.28	-28.72	74	51.63	36	14.75	57.1	100	0	P	H
		16740	54.07	-19.93	74	50.49	41.6	19.08	57.1	100	241	P	H
		16740	45.36	-8.64	54	41.78	41.6	19.08	57.1	100	241	A	H
													H
		11160	45.98	-28.02	74	52.33	36	14.75	57.1	100	0	P	V
		16740	56.84	-17.16	74	53.26	41.6	19.08	57.1	100	283	P	V
		16740	48.07	-5.93	54	44.49	41.6	19.08	57.1	100	283	A	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 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.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 LF		34.59	31.96	-8.04	40	45	16.3	0.92	30.26	156	29	P	H
		139.35	30.95	-12.55	43.5	48.12	11.5	1.71	30.38			P	H
		224.13	31.43	-14.57	46	50.08	9.62	2.02	30.29			P	H
		440	27.72	-18.28	46	37.96	17	2.68	29.92			P	H
		896.4	36.65	-9.35	46	38.57	23.24	3.98	29.14			P	H
		912.5	29.88	-16.12	46	31.38	23.61	3.98	29.09			P	H
													H
													H
													H
													H
													H
													H
		34.86	31.25	-8.75	40	44.29	16.3	0.92	30.26	114	125	P	V
		221.97	26.14	-19.86	46	44.95	9.46	2.02	30.29			P	V
		279.21	24.84	-21.16	46	40.08	12.81	2.14	30.19			P	V
		439.3	23.85	-22.15	46	34.1	16.99	2.68	29.92			P	V
		797	25.17	-20.83	46	28.83	22	3.72	29.38			P	V
		978.3	26.69	-27.31	54	26.53	24.89	4.16	28.89			P	V
													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.	
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

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”.



Band 1 5150~5250MHz

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 36 5180MHz		5145.95	55.8	-18.2	74	45.14	32.73	10.22	32.29	102	232	P	H
		5148.65	44.8	-9.2	54	34.14	32.73	10.22	32.29	102	232	A	H
	*	5182	101.24	-	-	90.48	32.74	10.3	32.28	102	232	P	H
	*	5182	91.81	-	-	81.05	32.74	10.3	32.28	102	232	A	H
													H
													H
		5149.55	53.39	-20.61	74	42.73	32.73	10.22	32.29	100	181	P	V
		5146.55	43.78	-10.22	54	33.12	32.73	10.22	32.29	100	181	A	V
	*	5182	97.04	-	-	86.28	32.74	10.3	32.28	100	181	P	V
	*	5182	88.07	-	-	77.31	32.74	10.3	32.28	100	181	A	V
													V
													V
802.11n HT20 CH 44 5220MHz		5088.2	53.41	-20.59	74	42.87	32.72	10.13	32.31	100	232	P	H
		5148.65	43.89	-10.11	54	33.23	32.73	10.22	32.29	100	232	A	H
	*	5218	101.41	-	-	90.62	32.74	10.32	32.27	100	232	P	H
	*	5218	91.69	-	-	80.9	32.74	10.32	32.27	100	232	A	H
		5380.58	53.3	-20.7	74	42.32	32.78	10.42	32.22	100	232	P	H
		5373.65	43.61	-10.39	54	32.65	32.77	10.42	32.23	100	232	A	H
		5123.3	52.97	-21.03	74	42.4	32.73	10.13	32.29	100	181	P	V
		5148.65	43.39	-10.61	54	32.73	32.73	10.22	32.29	100	181	A	V
	*	5218	96.14	-	-	85.35	32.74	10.32	32.27	100	181	P	V
	*	5218	86.64	-	-	75.85	32.74	10.32	32.27	100	181	A	V
		5440.42	52.89	-21.11	74	41.88	32.79	10.43	32.21	100	181	P	V
		5427.22	43.44	-10.56	54	32.44	32.78	10.43	32.21	100	181	A	V



802.11n HT20 CH 48 5240MHz		5139.05	53.29	-20.71	74	42.63	32.73	10.22	32.29	100	233	P	H
		5142.95	43.41	-10.59	54	32.75	32.73	10.22	32.29	100	233	A	H
	*	5242	100.18	-	-	89.37	32.75	10.32	32.26	100	233	P	H
	*	5242	90.71	-	-	79.9	32.75	10.32	32.26	100	233	A	H
		5381.02	53.83	-20.17	74	42.85	32.78	10.42	32.22	100	233	P	H
		5403.46	43.68	-10.32	54	32.7	32.78	10.42	32.22	100	233	A	H
		5099	53.49	-20.51	74	42.94	32.72	10.13	32.3	106	180	P	V
		5128.4	43.23	-10.77	54	32.57	32.73	10.22	32.29	106	180	A	V
	*	5238	95.31	-	-	84.5	32.75	10.32	32.26	106	180	P	V
	*	5238	86.19	-	-	75.38	32.75	10.32	32.26	106	180	A	V
		5409.51	53.16	-20.84	74	42.17	32.78	10.43	32.22	106	180	P	V
		5416.11	43.38	-10.62	54	32.38	32.78	10.43	32.21	106	180	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

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 36 5180MHz		10360	44.02	-29.98	74	50.39	36.57	14.24	57.18	100	0	P	H
		15540	49.68	-24.32	74	48.04	41.41	18.5	58.27	100	0	P	H
													H
													H
		10360	44.75	-29.25	74	51.12	36.57	14.24	57.18	100	0	P	V
		15540	51.28	-22.72	74	49.64	41.41	18.5	58.27	100	0	P	V
													V
													V
802.11n HT20 CH 44 5220MHz		10440	44.07	-29.93	74	50.33	36.59	14.29	57.14	100	0	P	H
		15662	54.63	-19.37	74	52.7	41.46	18.65	58.18	100	40	P	H
		15662	44.75	-9.25	54	42.82	41.46	18.65	58.18	100	40	A	H
													H
		10440	44.19	-29.81	74	50.45	36.59	14.29	57.14	100	0	P	V
		15662	57.78	-16.22	74	55.85	41.46	18.65	58.18	100	353	P	V
		15662	47.59	-6.41	54	45.66	41.46	18.65	58.18	100	353	A	V
													V
802.11n HT20 CH 48 5240MHz		10480	44.11	-29.89	74	50.3	36.6	14.32	57.11	100	0	P	H
		15720	56.45	-17.55	74	54.33	41.49	18.75	58.12	100	48	P	H
		15720	44.36	-9.64	54	42.24	41.49	18.75	58.12	100	48	A	H
													H
		10480	45.22	-28.78	74	51.41	36.6	14.32	57.11	100	0	P	V
		15722	59.85	-14.15	74	57.73	41.49	18.75	58.12	100	359	P	V
		15722	47.93	-6.07	54	45.81	41.49	18.75	58.12	100	359	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

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 38 5190MHz		5148.35	56.98	-17.02	74	46.32	32.73	10.22	32.29	100	232	P	H
		5150	46.43	-7.57	54	35.77	32.73	10.22	32.29	100	232	A	H
	*	5188	97.4	-	-	86.64	32.74	10.3	32.28	100	232	P	H
	*	5188	87.29	-	-	76.53	32.74	10.3	32.28	100	232	A	H
		5360.23	53.44	-20.56	74	42.5	32.77	10.4	32.23	100	232	P	H
		5352.2	43.48	-10.52	54	32.54	32.77	10.4	32.23	100	232	A	H
		5149.7	54.6	-19.4	74	43.94	32.73	10.22	32.29	264	180	P	V
		5150	44.74	-9.26	54	34.08	32.73	10.22	32.29	264	180	A	V
	*	5188	92.96	-	-	82.2	32.74	10.3	32.28	264	180	P	V
	*	5188	83.57	-	-	72.81	32.74	10.3	32.28	264	180	A	V
		5394.33	53.27	-20.73	74	42.29	32.78	10.42	32.22	264	180	P	V
		5447.46	43.49	-10.51	54	32.46	32.79	10.44	32.2	264	180	A	V
802.11n HT40 CH 46 5230MHz		5110.1	53.33	-20.67	74	42.78	32.72	10.13	32.3	108	360	P	H
		5147.9	43.67	-10.33	54	33.01	32.73	10.22	32.29	108	360	A	H
	*	5228	99.29	-	-	88.48	32.75	10.32	32.26	108	360	P	H
	*	5228	89.17	-	-	78.36	32.75	10.32	32.26	108	360	A	H
		5451.42	54	-20	74	42.97	32.79	10.44	32.2	108	360	P	H
		5434.59	43.47	-10.53	54	32.46	32.79	10.43	32.21	108	360	A	H
		5099.45	53.5	-20.5	74	42.95	32.72	10.13	32.3	230	180	P	V
		5149.85	43.33	-10.67	54	32.67	32.73	10.22	32.29	230	180	A	V
	*	5228	94.55	-	-	83.74	32.75	10.32	32.26	230	180	P	V
	*	5228	84.98	-	-	74.17	32.75	10.32	32.26	230	180	A	V
		5382.67	53.43	-20.57	74	42.45	32.78	10.42	32.22	230	180	P	V
		5444.27	43.49	-10.51	54	32.48	32.79	10.43	32.21	230	180	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

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 38 5190MHz		10380	44.8	-29.2	74	51.12	36.58	14.27	57.17	100	0	P	H
		15570	49.5	-24.5	74	47.76	41.43	18.55	58.24	100	0	P	H
													H
													H
		10380	45.15	-28.85	74	51.47	36.58	14.27	57.17	100	0	P	V
		15570	49.64	-24.36	74	47.9	41.43	18.55	58.24	100	0	P	V
													V
													V
802.11n HT40 CH 46 5230MHz		10460	44.99	-29.01	74	51.21	36.59	14.32	57.13	100	0	P	H
		15692	55.54	-18.46	74	53.51	41.48	18.7	58.15	100	254	P	H
		15692	44.18	-9.82	54	42.15	41.48	18.7	58.15	100	254	A	H
													H
		10460	43.91	-30.09	74	50.13	36.59	14.32	57.13	100	0	P	V
		15692	58.14	-15.86	74	56.11	41.48	18.7	58.15	100	355	P	V
		15692	47.42	-6.58	54	45.39	41.48	18.7	58.15	100	355	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

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 42 5210MHz		5145.2	57.74	-16.26	74	47.08	32.73	10.22	32.29	100	212	P	H
		5148.65	45.71	-8.29	54	35.05	32.73	10.22	32.29	100	212	A	H
	*	5208	94.17	-	-	83.38	32.74	10.32	32.27	100	212	P	H
	*	5208	85.26	-	-	74.47	32.74	10.32	32.27	100	212	A	H
		5357.59	54.14	-19.86	74	43.2	32.77	10.4	32.23	100	212	P	H
		5429.2	44	-10	54	32.99	32.79	10.43	32.21	100	212	A	H
		5144.45	53.4	-20.6	74	42.74	32.73	10.22	32.29	260	180	P	V
		5147.3	44.27	-9.73	54	33.61	32.73	10.22	32.29	260	180	A	V
	*	5208	91.94	-	-	81.15	32.74	10.32	32.27	260	180	P	V
	*	5208	83.14	-	-	72.35	32.74	10.32	32.27	260	180	A	V
		5384.76	53.38	-20.62	74	42.4	32.78	10.42	32.22	260	180	P	V
		5432.94	43.81	-10.19	54	32.8	32.79	10.43	32.21	260	180	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 1 5150~5250MHz****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 42 5210MHz		10420	45.07	-28.93	74	51.35	36.58	14.29	57.15	100	0	P	H
		15630	48.86	-25.14	74	46.99	41.46	18.6	58.19	100	0	P	H
													H
													H
		10420	44.71	-29.29	74	50.99	36.58	14.29	57.15	100	0	P	V
		15630	48.78	-25.22	74	46.91	41.46	18.6	58.19	100	0	P	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 (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		5081.15	53.54	-20.46	74	43.08	32.72	10.05	32.31	108	230	P	H
		5135.6	43.48	-10.52	54	32.82	32.73	10.22	32.29	108	230	A	H
	*	5262	100.74	-	-	89.9	32.75	10.35	32.26	108	230	P	H
	*	5262	91.22	-	-	80.38	32.75	10.35	32.26	108	230	A	H
		5419.08	53.32	-20.68	74	42.32	32.78	10.43	32.21	108	230	P	H
		5422.93	43.77	-10.23	54	32.77	32.78	10.43	32.21	108	230	A	H
		5136.5	54.01	-19.99	74	43.35	32.73	10.22	32.29	100	181	P	V
		5144.9	43.3	-10.7	54	32.64	32.73	10.22	32.29	100	181	A	V
	*	5258	95.46	-	-	84.62	32.75	10.35	32.26	100	181	P	V
	*	5258	86.39	-	-	75.55	32.75	10.35	32.26	100	181	A	V
		5410.5	53.3	-20.7	74	42.31	32.78	10.43	32.22	100	181	P	V
		5439.87	43.4	-10.6	54	32.39	32.79	10.43	32.21	100	181	A	V
802.11n HT20 CH 60 5300MHz		5002.55	53.17	-20.83	74	42.92	32.7	9.88	32.33	100	231	P	H
		5137.25	43.64	-10.36	54	32.98	32.73	10.22	32.29	100	231	A	H
	*	5301	100.93	-	-	90.05	32.76	10.37	32.25	100	231	P	H
	*	5301	91.7	-	-	80.82	32.76	10.37	32.25	100	231	A	H
		5363.09	54.62	-19.38	74	43.68	32.77	10.4	32.23	100	231	P	H
		5350	44.2	-9.8	54	33.26	32.77	10.4	32.23	100	231	A	H
		5145.2	52.64	-21.36	74	41.98	32.73	10.22	32.29	100	182	P	V
		5138.15	43.3	-10.7	54	32.64	32.73	10.22	32.29	100	182	A	V
	*	5298	95.19	-	-	84.31	32.76	10.37	32.25	100	182	P	V
	*	5298	85.95	-	-	75.07	32.76	10.37	32.25	100	182	A	V
		5350.33	53.52	-20.48	74	42.58	32.77	10.4	32.23	100	182	P	V
		5359.02	43.5	-10.5	54	32.56	32.77	10.4	32.23	100	182	A	V



802.11n HT20 CH 64 5320MHz	*	5318	102.17	-	-	91.28	32.76	10.37	32.24	364	256	P	H
	*	5318	91.75	-	-	80.86	32.76	10.37	32.24	364	256	A	H
		5365.29	54.15	-19.85	74	43.21	32.77	10.4	32.23	364	256	P	H
		5350	44.32	-9.68	54	33.38	32.77	10.4	32.23	364	256	A	H
													H
													H
	*	5322	97.06	-	-	86.17	32.76	10.37	32.24	115	270	P	V
	*	5322	87.11	-	-	76.22	32.76	10.37	32.24	115	270	A	V
		5354.95	53.59	-20.41	74	42.65	32.77	10.4	32.23	115	270	P	V
		5372.11	43.69	-10.31	54	32.73	32.77	10.42	32.23	115	270	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	44.52	-29.48	74	50.7	36.58	14.34	57.1	100	0	P	H
		15780	57.36	-16.64	74	55.13	41.51	18.8	58.08	100	56	P	H
		15780	45.68	-8.32	54	43.45	41.51	18.8	58.08	100	56	A	H
													H
		10520	45.4	-28.6	74	51.58	36.58	14.34	57.1	100	0	P	V
		15782	62.21	-11.79	74	59.96	41.52	18.8	58.07	100	359	P	V
		15782	50.64	-3.36	54	48.39	41.52	18.8	58.07	100	359	A	V
													V
802.11n HT20 CH 60 5300MHz		10600	43.68	-30.32	74	49.95	36.46	14.39	57.12	100	0	P	H
		15900	57.46	-16.54	74	54.93	41.56	18.95	57.98	100	254	P	H
		15900	44.68	-9.32	54	42.15	41.56	18.95	57.98	100	254	A	H
													H
		10600	44.35	-29.65	74	50.62	36.46	14.39	57.12	100	0	P	V
		15902	62.1	-11.9	74	59.55	41.57	18.95	57.97	100	359	P	V
		15902	50.23	-3.77	54	47.68	41.57	18.95	57.97	100	359	A	V
													V
802.11n HT20 CH 64 5320MHz		10640	43.18	-30.82	74	49.48	36.41	14.42	57.13	100	0	P	H
		15962	54.81	-19.19	74	52.1	41.59	19.05	57.93	100	251	P	H
		15962	43.25	-10.75	54	40.54	41.59	19.05	57.93	100	251	A	H
													H
		10640	44.17	-29.83	74	50.47	36.41	14.42	57.13	100	0	P	V
		15962	59	-15	74	56.29	41.59	19.05	57.93	100	359	P	V
		15962	47.29	-6.71	54	44.58	41.59	19.05	57.93	100	359	A	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		5080.25	53.4	-20.6	74	42.94	32.72	10.05	32.31	107	232	P	H
		5148.05	43.48	-10.52	54	32.82	32.73	10.22	32.29	107	232	A	H
	*	5268	97.85	-	-	87.01	32.75	10.35	32.26	107	232	P	H
	*	5268	88.28	-	-	77.44	32.75	10.35	32.26	107	232	A	H
		5352.2	53.8	-20.2	74	42.86	32.77	10.4	32.23	107	232	P	H
		5433.71	43.65	-10.35	54	32.64	32.79	10.43	32.21	107	232	A	H
		5138.3	53.71	-20.29	74	43.05	32.73	10.22	32.29	100	246	P	V
		5149.25	43.13	-10.87	54	32.47	32.73	10.22	32.29	100	246	A	V
	*	5272	93.56	-	-	82.72	32.75	10.35	32.26	100	246	P	V
	*	5272	83.87	-	-	73.03	32.75	10.35	32.26	100	246	A	V
		5382.12	53.75	-20.25	74	42.77	32.78	10.42	32.22	100	246	P	V
		5426.23	43.47	-10.53	54	32.47	32.78	10.43	32.21	100	246	A	V
802.11n HT40 CH 62 5310MHz		5076.35	53.5	-20.5	74	43.04	32.72	10.05	32.31	158	257	P	H
		5147.9	43.17	-10.83	54	32.51	32.73	10.22	32.29	158	257	A	H
	*	5312	97.23	-	-	86.34	32.76	10.37	32.24	158	257	P	H
	*	5312	86.95	-	-	76.06	32.76	10.37	32.24	158	257	A	H
		5350.99	57.28	-16.72	74	46.34	32.77	10.4	32.23	158	257	P	H
		5350.77	45.97	-8.03	54	35.03	32.77	10.4	32.23	158	257	A	H
		5091.05	52.75	-21.25	74	42.2	32.72	10.13	32.3	100	292	P	V
		5131.25	43.13	-10.87	54	32.47	32.73	10.22	32.29	100	292	A	V
	*	5312	92.89	-	-	82	32.76	10.37	32.24	100	292	P	V
	*	5312	83.08	-	-	72.19	32.76	10.37	32.24	100	292	A	V
		5350.77	54.04	-19.96	74	43.1	32.77	10.4	32.23	100	292	P	V
		5350	44.47	-9.53	54	33.53	32.77	10.4	32.23	100	292	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	44.06	-29.94	74	50.25	36.55	14.37	57.11	100	0	P	H
		15812	55.05	-18.95	74	52.73	41.52	18.85	58.05	100	285	P	H
		15812	44.44	-9.56	54	42.12	41.52	18.85	58.05	100	285	A	H
													H
		10540	44.16	-29.84	74	50.35	36.55	14.37	57.11	100	0	P	V
		15812	58.2	-15.8	74	55.88	41.52	18.85	58.05	104	359	P	V
		15812	48.26	-5.74	54	45.94	41.52	18.85	58.05	104	359	A	V
													V
802.11n HT40 CH 62 5310MHz		10620	43.5	-30.5	74	49.77	36.43	14.42	57.12	100	0	P	H
		15930	51.36	-22.64	74	48.75	41.57	19	57.96	100	0	P	H
													H
													H
		10620	44.21	-29.79	74	50.48	36.43	14.42	57.12	100	0	P	V
		15932	56.35	-17.65	74	53.74	41.57	19	57.96	114	359	P	V
		15932	44.3	-9.7	54	41.69	41.57	19	57.96	114	359	A	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		5091.35	53.65	-20.35	74	43.1	32.72	10.13	32.3	363	257	P	H
		5146.7	43.44	-10.56	54	32.78	32.73	10.22	32.29	363	257	A	H
	*	5292	95.25	-	-	84.37	32.76	10.37	32.25	363	257	P	H
	*	5292	85.03	-	-	74.15	32.76	10.37	32.25	363	257	A	H
		5372.66	57.85	-16.15	74	46.89	32.77	10.42	32.23	363	257	P	H
		5350	46.48	-7.52	54	35.54	32.77	10.4	32.23	363	257	A	H
		5143.85	52.3	-21.7	74	41.64	32.73	10.22	32.29	100	292	P	V
		5124.05	43.66	-10.34	54	33.09	32.73	10.13	32.29	100	292	A	V
	*	5292	89.47	-	-	78.59	32.76	10.37	32.25	100	292	P	V
	*	5292	80.61	-	-	69.73	32.76	10.37	32.25	100	292	A	V
		5369.91	54.65	-19.35	74	43.69	32.77	10.42	32.23	100	292	P	V
		5352.31	44.54	-9.46	54	33.6	32.77	10.4	32.23	100	292	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	45	-29	74	51.25	36.48	14.39	57.12	100	0	P	H
		15870	51.8	-22.2	74	49.35	41.55	18.9	58	100	0	P	H
													H
													H
		10580	44.64	-29.36	74	50.89	36.48	14.39	57.12	100	0	P	V
		15870	55.03	-18.97	74	52.58	41.55	18.9	58	100	353	P	V
		15870	45.33	-8.67	54	42.88	41.55	18.9	58	100	353	A	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 (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		5387.6	54.08	-19.92	74	43.1	32.78	10.42	32.22	108	229	P	H
		5469.2	44.01	-9.99	54	32.98	32.79	10.44	32.2	108	229	A	H
	*	5502	100.87	-	-	89.81	32.8	10.45	32.19	108	229	P	H
	*	5502	90.48	-	-	79.42	32.8	10.45	32.19	108	229	A	H
													H
													H
		5387.6	53.6	-20.4	74	42.62	32.78	10.42	32.22	100	310	P	V
		5463.6	43.46	-10.54	54	32.43	32.79	10.44	32.2	100	310	A	V
	*	5502	95.21	-	-	84.15	32.8	10.45	32.19	100	310	P	V
	*	5502	85.1	-	-	74.04	32.8	10.45	32.19	100	310	A	V
													V
													V
802.11n HT20 CH 116 5580MHz		5456.72	54.29	-19.71	74	43.26	32.79	10.44	32.2	280	227	P	H
		5423.12	43.85	-10.15	54	32.85	32.78	10.43	32.21	280	227	A	H
	*	5578	104.33	-	-	93.09	32.94	10.47	32.17	280	227	P	H
	*	5578	83.83	-	-	72.59	32.94	10.47	32.17	280	227	A	H
		5745.8	54.28	-19.72	74	42.58	33.28	10.53	32.11	280	227	P	H
		5740.52	44.34	-9.66	54	32.64	33.28	10.53	32.11	280	227	A	H
		5454.8	53.37	-20.63	74	42.34	32.79	10.44	32.2	100	293	P	V
		5467.76	43.52	-10.48	54	32.49	32.79	10.44	32.2	100	293	A	V
	*	5578	99.4	-	-	88.16	32.94	10.47	32.17	100	293	P	V
	*	5578	89.1	-	-	77.86	32.94	10.47	32.17	100	293	A	V
		5725.24	54.21	-19.79	74	42.56	33.25	10.52	32.12	100	293	P	V
		5744.52	44.04	-9.96	54	32.34	33.28	10.53	32.11	100	293	A	V



802.11n HT20 CH 140 5700MHz	*	5702	99.37	-	-	87.76	33.21	10.52	32.12	100	228	P	H
	*	5702	89.79	-	-	78.18	33.21	10.52	32.12	100	228	A	H
		5729.48	55.32	-18.68	74	43.66	33.25	10.53	32.12	100	228	P	H
		5725.32	45.08	-8.92	54	33.43	33.25	10.52	32.12	100	228	A	H
													H
													H
	*	5702	93.99	-	-	82.38	33.21	10.52	32.12	100	273	P	V
	*	5702	84.11	-	-	72.5	33.21	10.52	32.12	100	273	A	V
		5758.36	54.24	-19.76	74	42.5	33.32	10.53	32.11	100	273	P	V
		5725.88	44.13	-9.87	54	32.47	33.25	10.53	32.12	100	273	A	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	43.61	-30.39	74	50.26	35.9	14.65	57.2	100	0	P	H
		16500	49.56	-24.44	74	45.87	41.7	19.09	57.1	100	0	P	H
													H
													H
		11000	43.68	-30.32	74	50.33	35.9	14.65	57.2	100	0	P	V
		16500	53.03	-20.97	74	49.34	41.7	19.09	57.1	100	0	P	V
													V
													V
802.11n HT20 CH 116 5580MHz		11162	46.39	-27.61	74	52.71	36	14.78	57.1	100	0	P	H
		16740	53.53	-20.47	74	49.95	41.6	19.08	57.1	100	0	P	H
													H
													H
		11162	46.65	-27.35	74	52.97	36	14.78	57.1	100	0	P	V
		16740	57.22	-16.78	74	53.64	41.6	19.08	57.1	109	350	P	V
		16740	49.02	-4.98	54	45.44	41.6	19.08	57.1	109	350	A	V
													V
802.11n HT20 CH 140 5700MHz		11402	48.29	-25.71	74	54.18	36.14	14.93	56.96	100	0	P	H
		17100	49.33	-24.67	74	45.96	41.66	19.07	57.36	100	0	P	H
													H
													H
		11402	49.74	-24.26	74	55.63	36.14	14.93	56.96	100	0	P	V
		17098	54.22	-19.78	74	50.85	41.66	19.07	57.36	100	353	P	V
		17098	43.78	-10.22	54	40.41	41.66	19.07	57.36	100	353	A	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		5469.36	56.14	-17.86	74	45.11	32.79	10.44	32.2	100	229	P	H
		5468.56	45.79	-8.21	54	34.76	32.79	10.44	32.2	100	229	A	H
	*	5512	98.89	-	-	87.83	32.8	10.45	32.19	100	229	P	H
	*	5512	88.33	-	-	77.27	32.8	10.45	32.19	100	229	A	H
		5736.2	54.13	-19.87	74	42.43	33.28	10.53	32.11	100	229	P	H
		5733.88	44.01	-9.99	54	32.35	33.25	10.53	32.12	100	229	A	H
		5456.56	54.39	-19.61	74	43.36	32.79	10.44	32.2	100	293	P	V
		5469.2	44.36	-9.64	54	33.33	32.79	10.44	32.2	100	293	A	V
	*	5508	93.75	-	-	82.69	32.8	10.45	32.19	100	293	P	V
	*	5508	83.4	-	-	72.34	32.8	10.45	32.19	100	293	A	V
		5760.36	54.11	-19.89	74	42.37	33.32	10.53	32.11	100	293	P	V
		5745.16	44.07	-9.93	54	32.37	33.28	10.53	32.11	100	293	A	V
802.11n HT40 CH 110 5550MHz		5438.96	54.31	-19.69	74	43.3	32.79	10.43	32.21	107	230	P	H
		5469.36	43.82	-10.18	54	32.79	32.79	10.44	32.2	107	230	A	H
	*	5548	100.52	-	-	89.33	32.9	10.46	32.17	107	230	P	H
	*	5548	89.74	-	-	78.55	32.9	10.46	32.17	107	230	A	H
		5755.32	54.09	-19.91	74	42.35	33.32	10.53	32.11	107	230	P	H
		5726.36	44.04	-9.96	54	32.38	33.25	10.53	32.12	107	230	A	H
		5404.88	53.47	-20.53	74	42.49	32.78	10.42	32.22	100	302	P	V
		5442.96	43.42	-10.58	54	32.41	32.79	10.43	32.21	100	302	A	V
	*	5552	96.01	-	-	84.82	32.9	10.46	32.17	100	302	P	V
	*	5552	86.16	-	-	74.97	32.9	10.46	32.17	100	302	A	V
		5747.48	54.19	-19.81	74	42.49	33.28	10.53	32.11	100	302	P	V
		5764.2	44.01	-9.99	54	32.27	33.32	10.53	32.11	100	302	A	V



802.11n HT40 CH 134 5670MHz		5440.72	53.62	-20.38	74	42.61	32.79	10.43	32.21	100	229	P	H
		5431.44	43.55	-10.45	54	32.54	32.79	10.43	32.21	100	229	A	H
	*	5668	99.08	-	-	87.57	33.14	10.5	32.13	100	229	P	H
	*	5668	89.08	-	-	77.57	33.14	10.5	32.13	100	229	A	H
		5725.64	56.26	-17.74	74	44.61	33.25	10.52	32.12	100	229	P	H
		5725.32	45.48	-8.52	54	33.83	33.25	10.52	32.12	100	229	A	H
		5412.88	53.17	-20.83	74	42.17	32.78	10.43	32.21	104	273	P	V
		5426	43.4	-10.6	54	32.4	32.78	10.43	32.21	104	273	A	V
	*	5668	93.68	-	-	82.17	33.14	10.5	32.13	104	273	P	V
	*	5668	84.11	-	-	72.6	33.14	10.5	32.13	104	273	A	V
		5743.48	54.23	-19.77	74	42.53	33.28	10.53	32.11	104	273	P	V
		5728.92	44.17	-9.83	54	32.51	33.25	10.53	32.12	104	273	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 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	43.6	-30.4	74	50.2	35.91	14.68	57.19	100	0	P	H
		16530	49.45	-24.55	74	45.77	41.69	19.09	57.1	100	0	P	H
													H
													H
		11020	44.86	-29.14	74	51.46	35.91	14.68	57.19	100	0	P	V
		16532	52.86	-21.14	74	49.18	41.69	19.09	57.1	100	0	P	V
													V
													V
802.11n HT40 CH 110 5550MHz		11100	44.58	-29.42	74	51.03	35.96	14.73	57.14	100	0	P	H
		16648	54.15	-19.85	74	50.53	41.64	19.08	57.1	100	48	P	H
		16648	44.84	-9.16	54	41.22	41.64	19.08	57.1	100	48	A	H
													H
		11100	44.41	-29.59	74	50.86	35.96	14.73	57.14	100	0	P	V
		16650	57.72	-16.28	74	54.1	41.64	19.08	57.1	100	350	P	V
		16650	48.6	-5.4	54	44.98	41.64	19.08	57.1	100	350	A	V
													V
802.11n HT40 CH 134 5670MHz		11340	46.37	-27.63	74	52.39	36.1	14.88	57	100	0	P	H
		17012	51.37	-22.63	74	47.9	41.53	19.08	57.14	100	0	P	H
													H
													H
		11340	47.31	-26.69	74	53.33	36.1	14.88	57	100	0	P	V
		17012	54.51	-19.49	74	51.04	41.53	19.08	57.14	100	352	P	V
		17012	45.38	-8.62	54	41.91	41.53	19.08	57.14	100	352	A	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		5465.84	55.9	-18.1	74	44.87	32.79	10.44	32.2	268	228	P	H
		5467.6	45.3	-8.7	54	34.27	32.79	10.44	32.2	268	228	A	H
	*	5528	96.1	-	-	84.99	32.83	10.46	32.18	268	228	P	H
	*	5528	85.68	-	-	74.57	32.83	10.46	32.18	268	228	A	H
		5728.76	54.9	-19.1	74	43.24	33.25	10.53	32.12	268	228	P	H
		5736.44	44.67	-9.33	54	32.97	33.28	10.53	32.11	268	228	A	H
		5464.24	53.46	-20.54	74	42.43	32.79	10.44	32.2	100	270	P	V
		5448.88	44.15	-9.85	54	33.12	32.79	10.44	32.2	100	270	A	V
	*	5532	90.87	-	-	79.72	32.87	10.46	32.18	100	270	P	V
	*	5532	81.08	-	-	69.93	32.87	10.46	32.18	100	270	A	V
		5759.88	53.82	-20.18	74	42.08	33.32	10.53	32.11	100	270	P	V
		5729.64	44.34	-9.66	54	32.68	33.25	10.53	32.12	100	270	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	43.24	-30.76	74	49.76	35.94	14.7	57.16	100	0	P	H
		16590	46.76	-27.24	74	43.1	41.67	19.09	57.1	100	0	P	H
													H
													H
		11060	44.3	-29.7	74	50.82	35.94	14.7	57.16	100	0	P	V
		16590	46.89	-27.11	74	43.23	41.67	19.09	57.1	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 - 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	102.66	-	-	91.01	33.25	10.52	32.12	100	86	P	H
	*	5722	91.74	-	-	80.09	33.25	10.52	32.12	100	86	A	H
													H
													H
													H
													H
	*	5718	100.09	-	-	88.44	33.25	10.52	32.12	216	67	P	V
	*	5718	89.13	-	-	77.48	33.25	10.52	32.12	216	67	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	50.27	-23.73	74	56.12	36.16	14.93	56.94	100	0	P	H
													H
													H
													H
		11440	51.86	-22.14	74	57.71	36.16	14.93	56.94	100	0	P	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 (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	*	5712	98.67	-	-	87.06	33.21	10.52	32.12	100	86	P	H
	*	5712	88.52	-	-	76.91	33.21	10.52	32.12	100	86	A	H
													H
													H
													H
													H
	*	5712	96.23	-	-	84.62	33.21	10.52	32.12	100	70	P	V
	*	5712	86.21	-	-	74.6	33.21	10.52	32.12	100	70	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	47.37	-26.63	74	53.24	36.15	14.93	56.95	100	0	P	H
													H
													H
													H
		11420	51.72	-22.28	74	57.59	36.15	14.93	56.95	100	0	P	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 (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	*	5692	97.69	-	-	86.12	33.18	10.52	32.13	110	229	P	H
	*	5692	87	-	-	75.43	33.18	10.52	32.13	110	229	A	H
													H
													H
													H
													H
	*	5692	89.79	-	-	78.22	33.18	10.52	32.13	100	148	P	V
	*	5692	80.49	-	-	68.92	33.18	10.52	32.13	100	148	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	48.39	-25.61	74	54.32	36.13	14.91	56.97	100	0	P	H
													H
													H
													H
		11380	48.06	-25.94	74	53.99	36.13	14.91	56.97	100	0	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

WIFI 802.11n 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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 LF		139.89	31.76	-11.74	43.5	48.93	11.5	1.71	30.38	100	22	P	H
		223.32	31.18	-14.82	46	49.91	9.54	2.02	30.29			P	H
		279.48	30.79	-15.21	46	46.03	12.81	2.14	30.19			P	H
		441.4	27.59	-18.41	46	37.81	17.02	2.68	29.92			P	H
		647.2	26.12	-19.88	46	31.93	20.4	3.33	29.54			P	H
		976.9	29.07	-24.93	54	28.93	24.87	4.16	28.89			P	H
													H
													H
													H
													H
													H
													H
		34.59	32.99	-7.01	40	46.03	16.3	0.92	30.26	134	84	P	V
		139.35	25.55	-17.95	43.5	42.72	11.5	1.71	30.38			P	V
		220.89	23.24	-22.76	46	42.13	9.38	2.02	30.29			P	V
		454	23.05	-22.95	46	32.9	17.28	2.77	29.9			P	V
		896.4	36.39	-9.61	46	38.31	23.24	3.98	29.14			P	V
		978.3	28.14	-25.86	54	27.98	24.89	4.16	28.89			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+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

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”.