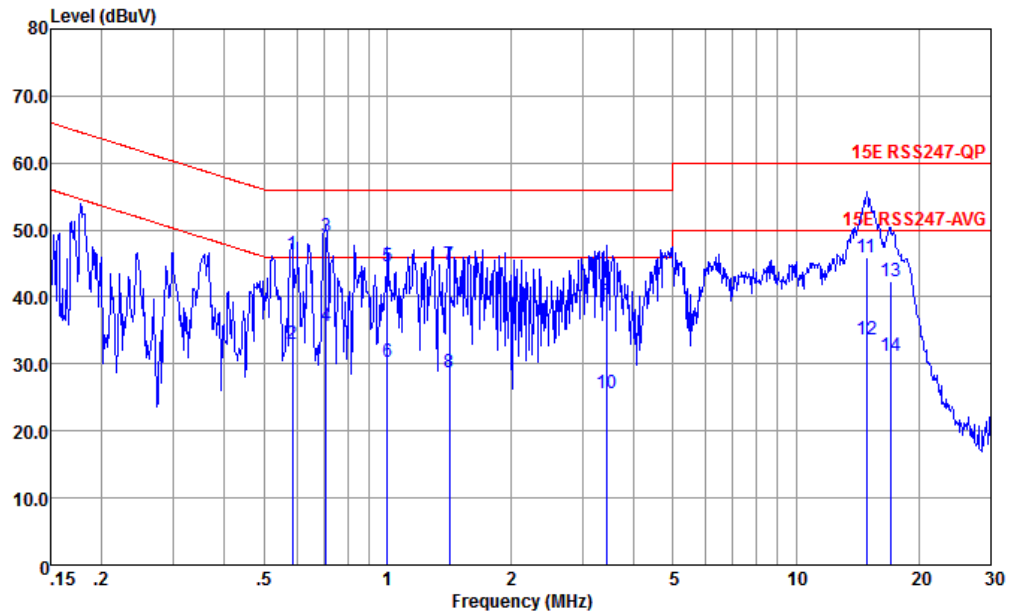




Test Engineer :	Amos Zhao	Temperature :	25.3~26.2°C
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
Condition : 15E RSS247-QP LISN-060105-NEUTRAL NEUTRAL

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
			dB	dBuV	dBuV	dB	dB	
1	0.585	46.40	-9.60	56.00	36.29	-0.08	10.19	QP
2	0.585	33.00	-23.00	56.00	22.89	-0.08	10.19	Average
3 *	0.708	48.97	-7.03	56.00	38.90	-0.09	10.16	QP
4	0.708	35.57	-20.43	56.00	25.50	-0.09	10.16	Average
5	1.000	44.50	-11.50	56.00	34.50	-0.11	10.11	QP
6	1.000	30.20	-25.80	56.00	20.20	-0.11	10.11	Average
7	1.418	44.77	-11.23	56.00	34.81	-0.12	10.08	QP
8	1.418	28.77	-27.23	56.00	18.81	-0.12	10.08	Average
9	3.436	40.43	-15.57	56.00	30.49	-0.12	10.06	QP
10	3.436	25.53	-30.47	56.00	15.59	-0.12	10.06	Average
11	14.907	45.95	-14.05	60.00	34.90	-0.18	11.23	QP
12	14.907	33.65	-26.35	60.00	22.60	-0.18	11.23	Average
13	17.018	42.25	-17.75	60.00	31.21	-0.23	11.27	QP
14	17.018	31.25	-28.75	60.00	20.21	-0.23	11.27	Average

Note:

1. Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
2. Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)



Appendix C. Radiated Spurious Emission

U-NII-1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preampl 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		5149.24	60.79	-13.21	74	47.48	34.87	10.97	32.53	267	249	P	H
		5150	47.9	-6.1	54	34.59	34.87	10.97	32.53	267	249	A	H
		5180	103.71	-	-	90.47	34.86	10.92	32.54	267	249	P	H
		5180	96.91	-	-	83.67	34.86	10.92	32.54	267	249	A	H
		5148.98	63.96	-10.04	74	50.65	34.87	10.97	32.53	159	169	P	V
		5150	49.99	-4.01	54	36.68	34.87	10.97	32.53	159	169	A	V
		5180	104.16	-	-	90.92	34.86	10.92	32.54	159	169	P	V
		5180	96.42	-	-	83.18	34.86	10.92	32.54	159	169	A	V
802.11a CH 44 5220MHz		5149.5	52.22	-21.78	74	38.91	34.87	10.97	32.53	276	250	P	H
		5148.72	42.89	-11.11	54	29.58	34.87	10.97	32.53	276	250	A	H
		5220	103.46	-	-	90.25	34.86	10.9	32.55	276	250	P	H
		5220	96.57	-	-	83.36	34.86	10.9	32.55	276	250	A	H
		5360.64	51.62	-22.38	74	38.38	34.83	10.98	32.57	276	250	P	H
		5379.12	41.43	-12.57	54	28.2	34.82	10.99	32.58	276	250	A	H
		5121.68	52.16	-21.84	74	38.8	34.88	11.01	32.53	159	170	P	V
		5149.5	43.53	-10.47	54	30.22	34.87	10.97	32.53	159	170	A	V
		5220	103.98	-	-	90.77	34.86	10.9	32.55	159	170	P	V
		5220	96.9	-	-	83.69	34.86	10.9	32.55	159	170	A	V
		5424.72	51.09	-22.91	74	37.81	34.82	11.04	32.58	159	170	P	V
		5457.84	41.39	-12.61	54	28.08	34.81	11.09	32.59	159	170	A	V



802.11a CH 48 5240MHz		5040.04	51.56	-22.44	74	38.04	34.89	11.14	32.51	275	252	P	H
		5149.5	42.62	-11.38	54	29.31	34.87	10.97	32.53	275	252	A	H
		5240	103.84	-	-	90.63	34.85	10.91	32.55	275	252	P	H
		5240	96.7	-	-	83.49	34.85	10.91	32.55	275	252	A	H
		5444.64	50.86	-23.14	74	37.57	34.81	11.07	32.59	275	252	P	H
		5412	41.65	-12.35	54	28.39	34.82	11.02	32.58	275	252	A	H
		5057.2	51.76	-22.24	74	38.27	34.89	11.11	32.51	159	172	P	V
		5146.38	42.95	-11.05	54	29.64	34.87	10.97	32.53	159	172	A	V
		5240	103.24	-	-	90.03	34.85	10.91	32.55	159	172	P	V
		5240	103.24	-	-	90.03	34.85	10.91	32.55	159	172	A	V
		5445.36	51.57	-22.43	74	38.28	34.81	11.07	32.59	159	172	P	V
		5354.64	41.47	-12.53	54	28.23	34.83	10.98	32.57	159	172	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	51.28	-17.02	68.3	48.01	39.44	14.88	51.05	-	-	P	H
		15540	50.65	-23.35	74	45.38	41.82	16.11	52.66	-	-	P	H
		10360	59.08	-9.22	68.3	55.81	39.44	14.88	51.05	-	-	P	V
		15540	50.3	-23.7	74	45.03	41.82	16.11	52.66	-	-	P	V
802.11a CH 44 5220MHz		10440	52.25	-16.05	68.3	48.95	39.48	14.89	51.07	-	-	P	H
		15660	50.51	-23.49	74	45.29	41.9	16.2	52.88	-	-	P	H
		10440	57.98	-10.32	68.3	54.68	39.48	14.89	51.07	-	-	P	V
		15660	50.66	-23.34	74	45.44	41.9	16.2	52.88	-	-	P	V
802.11a CH 48 5240MHz		10480	50.95	-17.35	68.3	47.66	39.49	14.89	51.09	-	-	P	H
		15720	50.37	-23.63	74	45.2	41.93	16.24	53	-	-	P	H
		10480	56.88	-11.42	68.3	53.59	39.49	14.89	51.09	-	-	P	V
		15720	50.8	-23.2	74	45.63	41.93	16.24	53	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		5147.94	61.34	-12.66	74	48.03	34.87	10.97	32.53	274	249	P	H
		5149.76	45.39	-8.61	54	32.08	34.87	10.97	32.53	274	249	A	H
		5180	102.16	-	-	88.92	34.86	10.92	32.54	274	249	P	H
		5180	95.63	-	-	82.39	34.86	10.92	32.54	274	249	A	H
		5147.94	64	-10	74	50.69	34.87	10.97	32.53	173	168	P	V
		5150	47.11	-6.89	54	33.8	34.87	10.97	32.53	173	168	A	V
		5180	102.86	-	-	89.62	34.86	10.92	32.54	173	168	P	V
		5180	96.96	-	-	83.72	34.86	10.92	32.54	173	168	A	V
802.11n HT20 CH 44 5220MHz		5132.34	53.01	-20.99	74	39.68	34.87	10.99	32.53	275	249	P	H
		5141.96	43.18	-10.82	54	29.86	34.87	10.98	32.53	275	249	A	H
		5220	102.28	-	-	89.07	34.86	10.9	32.55	275	249	P	H
		5220	95.52	-	-	82.31	34.86	10.9	32.55	275	249	A	H
		5397.36	51.36	-22.64	74	38.12	34.82	11	32.58	275	249	P	H
		5353.44	41.55	-12.45	54	28.32	34.83	10.97	32.57	275	249	A	H
		5142.22	53.39	-20.61	74	40.07	34.87	10.98	32.53	151	170	P	V
		5141.7	43.38	-10.62	54	30.06	34.87	10.98	32.53	151	170	A	V
		5220	102.54	-	-	89.33	34.86	10.9	32.55	151	170	P	V
		5220	95.88	-	-	82.67	34.86	10.9	32.55	151	170	A	V
		5391.36	51.28	-22.72	74	38.04	34.82	11	32.58	151	170	P	V
		5378.4	41.37	-12.63	54	28.14	34.82	10.99	32.58	151	170	A	V



802.11n HT20 CH 48 5240MHz		5140.14	52.29	-21.71	74	38.97	34.87	10.98	32.53	270	249	P	H
		5142.48	42.64	-11.36	54	29.32	34.87	10.98	32.53	270	249	A	H
		5240	102.37	-	-	89.16	34.85	10.91	32.55	270	249	P	H
		5240	95.39	-	-	82.18	34.85	10.91	32.55	270	249	A	H
		5374.8	50.87	-23.13	74	37.62	34.83	10.99	32.57	270	249	P	H
		5411.76	41.52	-12.48	54	28.26	34.82	11.02	32.58	270	249	A	H
		5121.94	52.07	-21.93	74	38.71	34.88	11.01	32.53	158	174	P	V
		5147.42	42.68	-11.32	54	29.37	34.87	10.97	32.53	158	174	A	V
		5240	101.94	-	-	88.73	34.85	10.91	32.55	158	174	P	V
		5240	94.6	-	-	81.39	34.85	10.91	32.55	158	174	A	V
		5382.72	52.58	-21.42	74	39.35	34.82	10.99	32.58	158	174	P	V
		5351.52	41.56	-12.44	54	28.33	34.83	10.97	32.57	158	174	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-1 5150~5250MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path 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	51.58	-16.72	68.3	48.31	39.44	14.88	51.05	-	-	P	H
		15540	50.51	-23.49	74	45.24	41.82	16.11	52.66	-	-	P	H
		10360	55.29	-13.01	68.3	52.02	39.44	14.88	51.05	-	-	P	V
		15540	50.3	-23.7	74	45.03	41.82	16.11	52.66	-	-	P	V
802.11n HT20 CH 44 5220MHz		10440	50.89	-17.41	68.3	47.59	39.48	14.89	51.07	-	-	P	H
		15660	50.83	-23.17	74	45.61	41.9	16.2	52.88	-	-	P	H
		10440	56.23	-12.07	68.3	52.93	39.48	14.89	51.07	-	-	P	V
		15660	49.42	-24.58	74	44.2	41.9	16.2	52.88	-	-	P	V
802.11n HT20 CH 48 5240MHz		10480	50.27	-18.03	68.3	46.98	39.49	14.89	51.09	-	-	P	H
		15720	49.61	-24.39	74	44.44	41.93	16.24	53	-	-	P	H
		10480	54.63	-13.67	68.3	51.34	39.49	14.89	51.09	-	-	P	V
		15720	49.07	-24.93	74	43.9	41.93	16.24	53	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		5149.76	61.18	-12.82	74	47.87	34.87	10.97	32.53	297	252	P	H
		5149.5	48.11	-5.89	54	34.8	34.87	10.97	32.53	297	252	A	H
		5190	97.13	-	-	83.9	34.86	10.91	32.54	297	252	P	H
		5190	90.02	-	-	76.79	34.86	10.91	32.54	297	252	A	H
		5455.52	51.62	-22.38	74	38.32	34.81	11.08	32.59	297	252	P	H
		5371.24	42.82	-11.18	54	29.58	34.83	10.98	32.57	297	252	A	H
		5148.2	61.93	-12.07	74	48.62	34.87	10.97	32.53	329	166	P	V
		5149.76	50.89	-3.11	54	37.58	34.87	10.97	32.53	329	166	A	V
		5190	97.38	-	-	84.15	34.86	10.91	32.54	329	166	P	V
		5190	90.26	-	-	77.03	34.86	10.91	32.54	329	166	A	V
		5402.04	51.94	-22.06	74	38.7	34.82	11	32.58	329	166	P	V
		5457.2	42.79	-11.21	54	29.48	34.81	11.09	32.59	329	166	A	V
802.11n HT40 CH 46 5230MHz		5145.08	54.55	-19.45	74	41.23	34.87	10.98	32.53	173	250	P	H
		5144.3	44.27	-9.73	54	30.95	34.87	10.98	32.53	173	250	A	H
		5230	102.07	-	-	88.86	34.85	10.91	32.55	173	250	P	H
		5230	95.58	-	-	82.37	34.85	10.91	32.55	173	250	A	H
		5355.12	52.22	-21.78	74	38.98	34.83	10.98	32.57	173	250	P	H
		5356.32	43.35	-10.65	54	30.11	34.83	10.98	32.57	173	250	A	H
		5149.24	53.57	-20.43	74	40.26	34.87	10.97	32.53	149	169	P	V
		5146.9	44.14	-9.86	54	30.83	34.87	10.97	32.53	149	169	A	V
		5230	99.77	-	-	86.56	34.85	10.91	32.55	149	169	P	V
		5230	93.53	-	-	80.32	34.85	10.91	32.55	149	169	A	V
		5370	51.71	-22.29	74	38.47	34.83	10.98	32.57	149	169	P	V
		5354.16	42.79	-11.21	54	29.56	34.83	10.97	32.57	149	169	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-1 5150~5250MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path 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	50.14	-18.16	68.3	46.86	39.45	14.88	51.05	-	-	P	H
		15570	49.21	-24.79	74	43.96	41.84	16.13	52.72	-	-	P	H
		10380	50.77	-17.53	68.3	47.49	39.45	14.88	51.05	-	-	P	V
		15570	49.37	-24.63	74	44.12	41.84	16.13	52.72	-	-	P	V
802.11n HT40 CH 46 5230MHz		10460	50.23	-18.07	68.3	46.94	39.48	14.89	51.08	-	-	P	H
		15690	49.02	-24.98	74	43.83	41.91	16.22	52.94	-	-	P	H
		10460	53.42	-14.88	68.3	50.13	39.48	14.89	51.08	-	-	P	V
		15690	49.87	-24.13	74	44.68	41.91	16.22	52.94	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5121.16	56.57	-17.43	74	43.21	34.88	11.01	32.53	212	254	P	H
		5148.2	49.19	-4.81	54	35.88	34.87	10.97	32.53	212	254	A	H
		5210	90.33	-	-	77.11	34.86	10.9	32.54	212	254	P	H
		5210	83.26	-	-	70.04	34.86	10.9	32.54	212	254	A	H
		5402.64	51.29	-22.71	74	38.05	34.82	11	32.58	212	254	P	H
		5408.88	43.7	-10.3	54	30.45	34.82	11.01	32.58	212	254	A	H
		5135.46	57.39	-16.61	74	44.06	34.87	10.99	32.53	330	168	P	V
		5149.5	50.04	-3.96	54	36.73	34.87	10.97	32.53	330	168	A	V
		5210	90.76	-	-	77.54	34.86	10.9	32.54	330	168	P	V
		5210	83.65	-	-	70.43	34.86	10.9	32.54	330	168	A	V
		5354.64	50.75	-23.25	74	37.51	34.83	10.98	32.57	330	168	P	V
		5456.4	43.49	-10.51	54	30.19	34.81	11.08	32.59	330	168	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**U-NII-1 5150~5250MHz****WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path 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	50.69	-17.61	68.3	47.41	39.47	14.88	51.07	-	-	P	H
		15630	50.4	-23.6	74	45.2	41.88	16.17	52.85	-	-	P	H
		10420	51.21	-17.09	68.3	47.93	39.47	14.88	51.07	-	-	P	V
		15630	50.65	-23.35	74	45.45	41.88	16.17	52.85	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2A - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		5094.85	52.1	-21.9	74	38.69	34.88	11.05	32.52	194	248	P	H
		5090.65	42.69	-11.31	54	29.27	34.88	11.06	32.52	194	248	A	H
		5260	104.88	-	-	91.66	34.85	10.92	32.55	194	248	P	H
		5260	97.84	-	-	84.62	34.85	10.92	32.55	194	248	A	H
		5359.68	52.72	-21.28	74	39.48	34.83	10.98	32.57	194	248	P	H
		5353.68	42.86	-11.14	54	29.63	34.83	10.97	32.57	194	248	A	H
		5011.44	53.2	-20.8	74	39.63	34.9	11.18	32.51	157	170	P	V
		5131.56	42.82	-11.18	54	29.48	34.87	11	32.53	157	170	A	V
		5260	102.79	-	-	89.57	34.85	10.92	32.55	157	170	P	V
		5260	95.81	-	-	82.59	34.85	10.92	32.55	157	170	A	V
		5445.36	51.79	-22.21	74	38.5	34.81	11.07	32.59	157	170	P	V
		5350.56	41.67	-12.33	54	28.44	34.83	10.97	32.57	157	170	A	V
802.11a CH 60 5300MHz		5085.4	51.74	-22.26	74	38.31	34.88	11.07	32.52	201	248	P	H
		5128.1	42.63	-11.37	54	29.29	34.87	11	32.53	201	248	A	H
		5300	105.09	-	-	91.87	34.84	10.94	32.56	201	248	P	H
		5300	97.9	-	-	84.68	34.84	10.94	32.56	201	248	A	H
		5361.6	53.52	-20.48	74	40.28	34.83	10.98	32.57	201	248	P	H
		5352.48	43.99	-10.01	54	30.76	34.83	10.97	32.57	201	248	A	H
		5124.95	52.38	-21.62	74	39.02	34.88	11.01	32.53	169	169	P	V
		5128.8	42.49	-11.51	54	29.15	34.87	11	32.53	169	169	A	V
		5300	101.93	-	-	88.71	34.84	10.94	32.56	169	169	P	V
		5300	94.71	-	-	81.49	34.84	10.94	32.56	169	169	A	V
		5359.68	51.72	-22.28	74	38.48	34.83	10.98	32.57	169	169	P	V
		5356.32	42.03	-11.97	54	28.79	34.83	10.98	32.57	169	169	A	V



802.11a CH 64 5320MHz		5320	105.24	-	-	92	34.84	10.96	32.56	169	250	P	H
		5320	98.8	-	-	85.56	34.84	10.96	32.56	169	250	A	H
		5352.96	64.97	-9.03	74	51.74	34.83	10.97	32.57	169	250	P	H
		5351.2	49.62	-4.38	54	36.39	34.83	10.97	32.57	169	250	A	H
		5320	101.81	-	-	88.57	34.84	10.96	32.56	173	172	P	V
		5320	95.36	-	-	82.12	34.84	10.96	32.56	173	172	A	V
		5355.68	61.27	-12.73	74	48.03	34.83	10.98	32.57	173	172	P	V
		5351.2	46.06	-7.94	54	32.83	34.83	10.97	32.57	173	172	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2A 5250~5350MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	52.62	-15.68	68.3	49.33	39.5	14.9	51.11	-	-	P	H
		15780	49.54	-24.46	74	44.39	41.97	16.28	53.1	-	-	P	H
		10520	57.34	-10.96	68.3	54.05	39.5	14.9	51.11	-	-	P	V
		15780	50.11	-23.89	74	44.96	41.97	16.28	53.1	-	-	P	V
802.11a CH 60 5300MHz		10600	50.77	-23.23	74	47.54	39.48	14.91	51.16	-	-	P	H
		15900	50.66	-23.34	74	45.56	42.04	16.37	53.31	-	-	P	H
		10600	59.68	-14.32	74	56.45	39.48	14.91	51.16	-	-	P	V
		10600	49.99	-4.01	54	46.76	39.48	14.91	51.16	-	-	A	V
802.11a CH 64 5320MHz		10640	50.65	-23.35	74	47.45	39.47	14.91	51.18	-	-	P	H
		15960	50.89	-23.11	74	45.84	42.08	16.41	53.44	-	-	P	H
		10640	58.75	-15.25	74	55.55	39.47	14.91	51.18	-	-	P	V
		10640	49.93	-4.07	54	46.73	39.47	14.91	51.18	-	-	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 52 5260MHz		5122.72	52.03	-21.97	74	38.67	34.88	11.01	32.53	268	250	P	H
		5142.48	42.38	-11.62	54	29.06	34.87	10.98	32.53	268	250	A	H
		5260	101.64	-	-	88.42	34.85	10.92	32.55	268	250	P	H
		5260	95.69	-	-	82.47	34.85	10.92	32.55	268	250	A	H
		5453.52	51.02	-22.98	74	37.72	34.81	11.08	32.59	268	250	P	H
		5352.24	41.59	-12.41	54	28.36	34.83	10.97	32.57	268	250	A	H
		5044.46	52.17	-21.83	74	38.66	34.89	11.13	32.51	178	173	P	V
		5092.56	42.34	-11.66	54	28.92	34.88	11.06	32.52	178	173	A	V
		5260	99.73	-	-	86.51	34.85	10.92	32.55	178	173	P	V
		5260	92.85	-	-	79.63	34.85	10.92	32.55	178	173	A	V
		5403.6	52.19	-21.81	74	38.94	34.82	11.01	32.58	178	173	P	V
		5350.8	41.39	-12.61	54	28.16	34.83	10.97	32.57	178	173	A	V
802.11n HT20 CH 60 5300MHz		5133.7	51.49	-22.51	74	38.16	34.87	10.99	32.53	270	255	P	H
		5133.35	41.72	-12.28	54	28.39	34.87	10.99	32.53	270	255	A	H
		5300	101.09	-	-	87.87	34.84	10.94	32.56	270	255	P	H
		5300	94.56	-	-	81.34	34.84	10.94	32.56	270	255	A	H
		5361.84	51.58	-22.42	74	38.34	34.83	10.98	32.57	270	255	P	H
		5354.4	42.04	-11.96	54	28.81	34.83	10.97	32.57	270	255	A	H
		5097.3	51.66	-22.34	74	38.25	34.88	11.05	32.52	175	173	P	V
		5136.5	42.04	-11.96	54	28.71	34.87	10.99	32.53	175	173	A	V
		5300	98.84	-	-	85.62	34.84	10.94	32.56	175	173	P	V
		5300	91.11	-	-	77.89	34.84	10.94	32.56	175	173	A	V
		5364.48	50.97	-23.03	74	37.73	34.83	10.98	32.57	175	173	P	V
		5355.36	41.67	-12.33	54	28.43	34.83	10.98	32.57	175	173	A	V



802.11n HT20 CH 64 5320MHz		5320	101.79	-	-	88.55	34.84	10.96	32.56	271	264	P	H
		5320	94.72	-	-	81.48	34.84	10.96	32.56	271	264	A	H
		5350.88	62.25	-11.75	74	49.02	34.83	10.97	32.57	271	264	P	H
		5350.24	46.89	-7.11	54	33.66	34.83	10.97	32.57	271	264	A	H
		5320	100.8	-	-	87.56	34.84	10.96	32.56	285	260	P	V
		5320	93.64	-	-	80.4	34.84	10.96	32.56	285	260	A	V
		5350.08	60.27	-13.73	74	47.04	34.83	10.97	32.57	285	260	P	V
		5350.72	44.72	-9.28	54	31.49	34.83	10.97	32.57	285	260	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2A 5250~5350MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path 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	50.52	-17.78	68.3	47.23	39.5	14.9	51.11	-	-	P	H
		15780	49.59	-24.41	74	44.44	41.97	16.28	53.1	-	-	P	H
		10520	57.36	-10.94	68.3	54.07	39.5	14.9	51.11	-	-	P	V
		15780	49.9	-24.1	74	44.75	41.97	16.28	53.1	-	-	P	V
802.11n HT20 CH 60 5300MHz		10600	50.96	-23.04	74	47.73	39.48	14.91	51.16	-	-	P	H
		15900	50.95	-23.05	74	45.85	42.04	16.37	53.31	-	-	P	H
		10600	57.36	-16.64	74	54.13	39.48	14.91	51.16	202	346	P	V
		10600	47.51	-6.49	54	44.28	39.48	14.91	51.16	202	346	A	V
802.11n HT20 CH 64 5320MHz		10640	50.94	-23.06	74	47.74	39.47	14.91	51.18	-	-	P	H
		15960	50.36	-23.64	74	45.31	42.08	16.41	53.44	-	-	P	H
		10640	56.85	-17.15	74	53.65	39.47	14.91	51.18	157	0	P	V
		10640	46.93	-7.07	54	43.73	39.47	14.91	51.18	157	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		5085.75	53.02	-20.98	74	39.59	34.88	11.07	32.52	171	251	P	H
		5142.45	43.27	-10.73	54	29.95	34.87	10.98	32.53	171	251	A	H
		5270	100.65	-	-	87.42	34.85	10.93	32.55	171	251	P	H
		5270	94.47	-	-	81.24	34.85	10.93	32.55	171	251	A	H
		5359.68	55.56	-18.44	74	42.32	34.83	10.98	32.57	171	251	P	H
		5357.28	44.17	-9.83	54	30.93	34.83	10.98	32.57	171	251	A	H
		5130.55	52.48	-21.52	74	39.14	34.87	11	32.53	146	168	P	V
		5125.65	43.41	-10.59	54	30.06	34.87	11.01	32.53	146	168	A	V
		5270	100.59	-	-	87.36	34.85	10.93	32.55	146	168	P	V
		5270	94.28	-	-	81.05	34.85	10.93	32.55	146	168	A	V
		5363.52	53.29	-20.71	74	40.05	34.83	10.98	32.57	146	168	P	V
		5362.08	42.87	-11.13	54	29.63	34.83	10.98	32.57	146	168	A	V
802.11n HT40 CH 62 5310MHz		5029.05	51.59	-22.41	74	38.06	34.89	11.15	32.51	168	251	P	H
		5083.65	42.63	-11.37	54	29.2	34.88	11.07	32.52	168	251	A	H
		5310	96.68	-	-	83.45	34.84	10.95	32.56	168	251	P	H
		5310	89.38	-	-	76.15	34.84	10.95	32.56	168	251	A	H
		5351.52	60.81	-13.19	74	47.58	34.83	10.97	32.57	168	251	P	H
		5350.8	49.85	-4.15	54	36.62	34.83	10.97	32.57	168	251	A	H
		5096.95	51.07	-22.93	74	37.66	34.88	11.05	32.52	100	171	P	V
		5128.8	42.66	-11.34	54	29.32	34.87	11	32.53	100	171	A	V
		5310	93.35	-	-	80.12	34.84	10.95	32.56	100	171	P	V
		5310	86.26	-	-	73.03	34.84	10.95	32.56	100	171	A	V
		5351.52	56.52	-17.48	74	43.29	34.83	10.97	32.57	100	171	P	V
		5350.32	46.08	-7.92	54	32.85	34.83	10.97	32.57	100	171	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2A 5250~5350MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path 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	49.84	-18.46	68.3	46.57	39.49	14.9	51.12	-	-	P	H
		15810	49.41	-24.59	74	44.28	41.99	16.3	53.16	-	-	P	H
		10540	51.76	-16.54	68.3	48.49	39.49	14.9	51.12	-	-	P	V
		15810	49.81	-24.19	74	44.68	41.99	16.3	53.16	-	-	P	V
802.11n HT40 CH 62 5310MHz		10620	50.81	-23.19	74	47.59	39.48	14.91	51.17	-	-	P	H
		15930	50.35	-23.65	74	45.28	42.06	16.39	53.38	-	-	P	H
		10620	54.1	-19.9	74	50.88	39.48	14.91	51.17	146	0	P	V
		10620	45.19	-8.81	54	41.97	39.48	14.91	51.17	146	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5010.85	51.66	-22.34	74	38.08	34.9	11.18	32.5	206	255	P	H
		5130.2	44.41	-9.59	54	31.07	34.87	11	32.53	206	255	A	H
		5290	91.16	-	-	77.94	34.84	10.94	32.56	206	255	P	H
		5290	84.12	-	-	70.9	34.84	10.94	32.56	206	255	A	H
		5352.96	57.3	-16.7	74	44.07	34.83	10.97	32.57	206	255	P	H
		5350.32	49.88	-4.12	54	36.65	34.83	10.97	32.57	206	255	A	H
		5120.4	52.19	-21.81	74	38.83	34.88	11.01	32.53	100	167	P	V
		5149.1	44.57	-9.43	54	31.26	34.87	10.97	32.53	100	167	A	V
		5290	88.12	-	-	74.9	34.84	10.94	32.56	100	167	P	V
		5290	83.09	-	-	69.87	34.84	10.94	32.56	100	167	A	V
		5357.04	53.13	-20.87	74	39.89	34.83	10.98	32.57	100	167	P	V
		5352	45.94	-8.06	54	32.71	34.83	10.97	32.57	100	167	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2A 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		10580	50.47	-17.83	68.3	47.23	39.48	14.91	51.15	-	-	P	H
VHT80		15870	49.66	-24.34	74	44.57	42.02	16.35	53.28	-	-	P	H
CH 58		10580	50.95	-17.35	68.3	47.71	39.48	14.91	51.15	-	-	P	V
5290MHz		15870	50.1	-23.9	74	45.01	42.02	16.35	53.28	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		5459.969	52.76	-21.24	74	39.45	34.81	11.09	32.59	177	249	P	H
		5466.48	55.69	-12.61	68.3	42.37	34.81	11.1	32.59	177	249	P	H
		5458.48	43.23	-10.77	54	29.92	34.81	11.09	32.59	177	249	A	H
		5500	103.5	-	-	90.15	34.8	11.15	32.6	177	249	P	H
		5500	96.61	-	-	83.26	34.8	11.15	32.6	177	249	A	H
		5459.92	54.2	-19.8	74	40.89	34.81	11.09	32.59	373	166	P	V
		5466.8	59.93	-8.37	68.3	46.61	34.81	11.1	32.59	373	166	P	V
		5459.92	44.08	-9.92	54	30.77	34.81	11.09	32.59	373	166	A	V
		5500	102.83	-	-	89.48	34.8	11.15	32.6	373	166	P	V
		5500	95.89	-	-	82.54	34.8	11.15	32.6	373	166	A	V
802.11a CH 116 5580MHz		5406.88	51.26	-22.74	74	38.01	34.82	11.01	32.58	100	245	P	H
		5460.4	50.49	-17.81	68.3	37.18	34.81	11.09	32.59	100	245	P	H
		5458.24	41.83	-12.17	54	28.52	34.81	11.09	32.59	100	245	A	H
		5580	104.75	-	-	91.17	34.91	11.27	32.6	100	245	P	H
		5580	97.06	-	-	83.48	34.91	11.27	32.6	100	245	A	H
		5755.55	51.7	-16.6	68.3	37.83	35.16	11.31	32.6	100	245	P	H
		5433.04	50.63	-23.37	74	37.36	34.81	11.05	32.59	169	172	P	V
		5470	50.48	-17.82	68.3	37.15	34.81	11.11	32.59	169	172	P	V
		5457.76	41.42	-12.58	54	28.11	34.81	11.09	32.59	169	172	A	V
		5580	102.23	-	-	88.65	34.91	11.27	32.6	169	172	P	V
		5580	95	-	-	81.42	34.91	11.27	32.6	169	172	A	V
		5735.075	52.08	-16.22	68.3	38.24	35.13	11.31	32.6	169	172	P	V



802.11a CH 140 5700MHz		5700	103.82	-	-	90.03	35.08	11.31	32.6	207	284	P	H
		5700	96.58	-	-	82.79	35.08	11.31	32.6	207	284	A	H
		5728.28	64.57	-3.73	68.3	50.74	35.12	11.31	32.6	207	284	P	H
		5700	101.15	-	-	87.36	35.08	11.31	32.6	299	180	P	V
		5700	93.89	-	-	80.1	35.08	11.31	32.6	299	180	A	V
		5726.36	60.08	-8.22	68.3	46.25	35.12	11.31	32.6	299	180	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	50.65	-23.35	74	47.69	39.4	14.96	51.4	-	-	P	H
		16500	53.6	-14.7	68.3	47.28	42.4	16.62	52.7	-	-	P	H
		11000	55.54	-18.46	74	52.58	39.4	14.96	51.4	-	-	P	V
		11000	45.13	-8.87	54	42.17	39.4	14.96	51.4	-	-	A	V
802.11a CH 116 5580MHz		11160	50.83	-23.17	74	47.66	39.53	14.91	51.27	-	-	P	H
		16740	52.05	-16.25	68.3	46.03	42.45	16.7	53.13	-	-	P	H
		11160	54.78	-19.22	74	51.61	39.53	14.91	51.27	-	-	P	V
		11160	45.92	-8.08	54	42.75	39.53	14.91	51.27	-	-	A	V
802.11a CH 140 5700MHz		11400	50.89	-23.11	74	47.43	39.72	14.82	51.08	-	-	P	H
		17100	52.49	-15.81	68.3	46.73	42.46	16.82	53.52	-	-	P	H
		11400	55.77	-18.23	74	52.31	39.72	14.82	51.08	-	-	P	V
		11400	45.98	-8.02	54	42.52	39.72	14.82	51.08	-	-	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 100 5500MHz		5320	102.96	-	-	89.72	34.84	10.96	32.56	271	264	P	H
		5320	95.72	-	-	82.48	34.84	10.96	32.56	271	264	A	H
		5350.88	62.25	-11.75	74	49.02	34.83	10.97	32.57	271	264	P	H
		5350.24	46.89	-7.11	54	33.66	34.83	10.97	32.57	271	264	A	H
		5320	101.8	-	-	88.56	34.84	10.96	32.56	285	260	P	V
		5320	94.64	-	-	81.4	34.84	10.96	32.56	285	260	A	V
		5350.08	60.27	-13.73	74	47.04	34.83	10.97	32.57	285	260	P	V
		5350.72	44.72	-9.28	54	31.49	34.83	10.97	32.57	285	260	A	V
802.11n HT20 CH 116 5580MHz		5414.08	52.04	-21.96	74	38.78	34.82	11.02	32.58	160	247	P	H
		5462.32	52.2	-16.1	68.3	38.89	34.81	11.09	32.59	160	247	P	H
		5456.56	41.94	-12.06	54	28.64	34.81	11.08	32.59	160	247	A	H
		5580	103.27	-	-	89.69	34.91	11.27	32.6	160	247	P	H
		5580	96.92	-	-	83.34	34.91	11.27	32.6	160	247	A	H
		5761.535	50.71	-17.59	68.3	36.83	35.17	11.31	32.6	160	247	P	H
		5429.44	51.58	-22.42	74	38.32	34.81	11.04	32.59	154	174	P	V
		5460.64	50.74	-17.56	68.3	37.43	34.81	11.09	32.59	154	174	P	V
		5459.92	41.56	-12.44	54	28.25	34.81	11.09	32.59	154	174	A	V
		5580	101.14	-	-	87.56	34.91	11.27	32.6	154	174	P	V
		5580	94.89	-	-	81.31	34.91	11.27	32.6	154	174	A	V
		5732.555	51.59	-16.71	68.3	37.75	35.13	11.31	32.6	154	174	P	V



802.11n HT20 CH 140 5700MHz		5700	102.62	-	-	88.83	35.08	11.31	32.6	207	284	P	H
		5700	95.53	-	-	81.74	35.08	11.31	32.6	207	284	A	H
		5726.6	65.27	-3.03	68.3	51.44	35.12	11.31	32.6	207	284	P	H
		5700	100.3	-	-	86.51	35.08	11.31	32.6	299	180	P	V
		5700	93.22	-	-	79.43	35.08	11.31	32.6	299	180	A	V
		5725.16	63.43	-4.87	68.3	49.6	35.12	11.31	32.6	299	180	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C - 5470~5725MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path 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	50.26	-23.74	74	47.3	39.4	14.96	51.4	-	-	P	H
		16500	50.29	-18.01	68.3	43.97	42.4	16.62	52.7	-	-	P	H
		11000	52.86	-21.14	74	49.9	39.4	14.96	51.4	147	0	P	V
		11000	44.09	-9.91	54	41.13	39.4	14.96	51.4	147	0	A	V
802.11n HT20 CH 116 5580MHz		11160	51.9	-22.1	74	48.73	39.53	14.91	51.27	185	40	P	H
		11160	42.82	-11.18	54	39.65	39.53	14.91	51.27	185	40	A	H
		16740	49.39	-18.91	68.3	43.37	42.45	16.7	53.13	-	-	P	H
		11160	52.98	-21.02	74	49.81	39.53	14.91	51.27	148	0	P	V
		11160	43.31	-10.69	54	40.14	39.53	14.91	51.27	148	0	A	V
		16740	49.28	-19.02	68.3	43.26	42.45	16.7	53.13	-	-	P	V
802.11n HT20 CH 140 5700MHz		11400	52.48	-21.52	74	49.02	39.72	14.82	51.08	151	47	P	H
		11400	42.56	-11.44	54	39.1	39.72	14.82	51.08	151	47	A	H
		17100	49.26	-19.04	68.3	43.5	42.46	16.82	53.52	-	-	P	H
		11400	54.89	-19.11	74	51.43	39.72	14.82	51.08	125	0	P	V
		11400	45.25	-8.75	54	41.79	39.72	14.82	51.08	125	0	A	V
		17100	49.21	-19.09	68.3	43.45	42.46	16.82	53.52	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C - 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		5458.24	53.98	-20.02	74	40.67	34.81	11.09	32.59	166	249	P	H
		5470	62.71	-5.59	68.3	49.38	34.81	11.11	32.59	166	249	P	H
		5459.92	45.31	-8.69	54	32	34.81	11.09	32.59	166	249	A	H
		5510	98.97	-	-	85.6	34.81	11.16	32.6	166	249	P	H
		5510	91.83	-	-	78.46	34.81	11.16	32.6	166	249	A	H
		5761.85	51.87	-16.43	68.3	37.99	35.17	11.31	32.6	166	249	P	H
		5459.44	53.03	-20.97	74	39.72	34.81	11.09	32.59	355	171	P	V
		5468.32	59.33	-8.97	68.3	46.01	34.81	11.1	32.59	355	171	P	V
		5459.2	44.2	-9.8	54	30.89	34.81	11.09	32.59	355	171	A	V
		5510	96.51	-	-	83.14	34.81	11.16	32.6	355	171	P	V
		5510	89.47	-	-	76.1	34.81	11.16	32.6	355	171	A	V
		5746.415	51.7	-16.6	68.3	37.85	35.14	11.31	32.6	355	171	P	V
802.11n HT40 CH 110 5550MHz		5457.76	52.62	-21.38	74	39.31	34.81	11.09	32.59	160	250	P	H
		5467.6	55.61	-12.69	68.3	42.29	34.81	11.1	32.59	160	250	P	H
		5453.2	43.43	-10.57	54	30.13	34.81	11.08	32.59	160	250	A	H
		5550	100.71	-	-	87.21	34.87	11.23	32.6	160	250	P	H
		5550	94.56	-	-	81.06	34.87	11.23	32.6	160	250	A	H
		5730.035	52.2	-16.1	68.3	38.37	35.12	11.31	32.6	160	250	P	H
		5457.04	51.45	-22.55	74	38.14	34.81	11.09	32.59	130	172	P	V
		5466.4	51.63	-16.67	68.3	38.31	34.81	11.1	32.59	130	172	P	V
		5454.16	42.65	-11.35	54	29.35	34.81	11.08	32.59	130	172	A	V
		5550	97.92	-	-	84.42	34.87	11.23	32.6	130	172	P	V
		5550	91.81	-	-	78.31	34.87	11.23	32.6	130	172	A	V
		5744.525	51.25	-17.05	68.3	37.4	35.14	11.31	32.6	130	172	P	V



802.11n HT40 CH 134 5670MHz		5441.7	51.77	-22.23	74	38.49	34.81	11.06	32.59	160	248	P	H
		5465.5	50.87	-17.43	68.3	37.55	34.81	11.1	32.59	160	248	P	H
		5457.1	42.13	-11.87	54	28.82	34.81	11.09	32.59	160	248	A	H
		5670	101.92	-	-	88.18	35.04	11.3	32.6	160	248	P	H
		5670	95.57	-	-	81.83	35.04	11.3	32.6	160	248	A	H
		5731.575	57.8	-10.5	68.3	43.97	35.12	11.31	32.6	160	248	P	H
		5390.95	52.36	-21.64	74	39.12	34.82	11	32.58	130	172	P	V
		5465.5	51.15	-17.15	68.3	37.83	34.81	11.1	32.59	130	172	P	V
		5459.55	42.08	-11.92	54	28.77	34.81	11.09	32.59	130	172	A	V
		5670	98.57	-	-	84.83	35.04	11.3	32.6	130	172	P	V
		5670	92.37	-	-	78.63	35.04	11.3	32.6	130	172	A	V
		5735.6	55.35	-12.95	68.3	41.51	35.13	11.31	32.6	130	172	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C - 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		10620	50.81	-23.19	74	47.59	39.48	14.91	51.17	-	-	P	H
HT40		15930	50.35	-23.65	74	45.28	42.06	16.39	53.38	-	-	P	H
CH 102		10620	54.1	-19.9	74	50.88	39.48	14.91	51.17	146	0	P	V
5510MHz		10620	45.19	-8.81	54	41.97	39.48	14.91	51.17	146	0	A	V
802.11n		11100	49.64	-24.36	74	46.55	39.48	14.93	51.32	-	-	P	H
HT40		16650	49.63	-18.67	68.3	43.51	42.43	16.67	52.98	-	-	P	H
CH 110		11100	51.58	-22.42	74	48.49	39.48	14.93	51.32	139	0	P	V
5550MHz		11100	43.03	-10.97	54	39.94	39.48	14.93	51.32	139	0	A	V
802.11n		11340	50.35	-23.65	74	46.97	39.67	14.84	51.13	-	-	P	H
HT40		17010	50.89	-17.41	68.3	45.19	42.5	16.79	53.59	-	-	P	H
CH 134		11340	50.68	-23.32	74	47.3	39.67	14.84	51.13	-	-	P	V
5670MHz		17010	50.63	-17.67	68.3	44.93	42.5	16.79	53.59	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C - 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5453.44	58.69	-15.31	74	45.39	34.81	11.08	32.59	197	279	P	H
		5468.08	61.49	-6.81	68.3	48.17	34.81	11.1	32.59	197	279	P	H
		5458.24	49.76	-4.24	54	36.45	34.81	11.09	32.59	197	279	A	H
		5530	98.27	-	-	84.84	34.84	11.19	32.6	197	279	P	H
		5530	90.75	-	-	77.32	34.84	11.19	32.6	197	279	A	H
		5726.57	52.44	-15.86	68.3	38.61	35.12	11.31	32.6	197	279	P	H
		5458.24	59.37	-14.63	74	46.06	34.81	11.09	32.59	178	173	P	V
		5468.56	60.13	-8.17	68.3	46.81	34.81	11.1	32.59	178	173	P	V
		5458.24	49.65	-4.35	54	36.34	34.81	11.09	32.59	178	173	A	V
		5530	93.82	-	-	80.39	34.84	11.19	32.6	178	173	P	V
		5530	86.13	-	-	72.7	34.84	11.19	32.6	178	173	A	V
		5743.265	52.06	-16.24	68.3	38.21	35.14	11.31	32.6	178	173	P	V
802.11ac VHT80 CH 122 5610MHz		5426.8	52.05	-21.95	74	38.78	34.81	11.04	32.58	100	244	P	H
		5464.48	51.32	-16.98	68.3	38	34.81	11.1	32.59	100	244	P	H
		5459.92	44.91	-9.09	54	31.6	34.81	11.09	32.59	100	244	A	H
		5610	98.81	-	-	85.16	34.95	11.3	32.6	100	244	P	H
		5610	92.34	-	-	78.69	34.95	11.3	32.6	100	244	A	H
		5730.525	52.75	-15.55	68.3	38.92	35.12	11.31	32.6	100	244	P	H
		5436.64	51.57	-22.43	74	38.3	34.81	11.05	32.59	146	175	P	V
		5461.6	50.47	-17.83	68.3	37.16	34.81	11.09	32.59	146	175	P	V
		5411.92	44.2	-9.8	54	30.94	34.82	11.02	32.58	146	175	A	V
		5610	94.94	-	-	81.29	34.95	11.3	32.6	146	175	P	V
		5610	88.5	-	-	74.85	34.95	11.3	32.6	146	175	A	V
		5734.725	52.7	-15.6	68.3	38.86	35.13	11.31	32.6	146	175	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C 5470~5725MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path 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	49.62	-24.38	74	46.58	39.45	14.94	51.35	-	-	P	H
		16590	50.67	-17.63	68.3	44.46	42.42	16.65	52.86	-	-	P	H
		11060	49.38	-24.62	74	46.34	39.45	14.94	51.35	-	-	P	V
		16590	50.93	-17.37	68.3	44.72	42.42	16.65	52.86	-	-	P	V
802.11ac VHT80 CH 122 5610MHz		11220	50.41	-23.59	74	47.17	39.58	14.89	51.23	-	-	P	H
		16830	49.27	-19.03	68.3	43.36	42.47	16.73	53.29	-	-	P	H
		11220	49.96	-24.04	74	46.72	39.58	14.89	51.23	-	-	P	V
		16830	50.14	-18.16	68.3	44.23	42.47	16.73	53.29	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					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		5458.9	51.69	-22.31	74	38.38	34.81	11.09	32.59	100	248	P	H
		5464.95	50.94	-17.36	68.3	37.62	34.81	11.1	32.59	100	248	P	H
		5720	105.19	-	-	91.37	35.11	11.31	32.6	100	248	P	H
		5892.3	52.29	-16.01	68.3	38.11	35.35	11.43	32.6	100	248	P	H
		5458.9	41.63	-12.37	54	28.32	34.81	11.09	32.59	100	248	P	H
		5720	99.28	-	-	85.46	35.11	11.31	32.6	100	248	A	H
		5387.4	50.96	-23.04	74	37.73	34.82	10.99	32.58	138	177	P	V
		5464.4	50.68	-17.62	68.3	37.36	34.81	11.1	32.59	138	177	P	V
		5720	104.31	-	-	90.49	35.11	11.31	32.6	138	177	P	V
		5892.85	52.13	-16.17	68.3	37.95	35.35	11.43	32.6	138	177	P	V
		5457.25	41.58	-12.42	54	28.27	34.81	11.09	32.59	138	177	P	V
		5720	98.28	-	-	84.46	35.11	11.31	32.6	138	177	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C - Straddle Channel
WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		11440	54.13	-19.87	74	50.62	39.75	14.81	51.05	100	36	P	H
		11440	44.55	-9.45	54	41.04	39.75	14.81	51.05	100	36	A	H
		17160	50.74	-17.56	68.3	44.94	42.44	16.83	53.47	-	-	P	H
		11440	56.64	-17.36	74	53.13	39.75	14.81	51.05	124	354	P	V
		11440	47.07	-6.93	54	43.56	39.75	14.81	51.05	124	354	A	V
		17160	50.94	-17.36	68.3	45.14	42.44	16.83	53.47	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C - Straddle Channel
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 144 5720MHz		5386.85	51.63	-22.37	74	38.4	34.82	10.99	32.58	100	247	P	H
		5461.1	51.52	-16.78	68.3	38.21	34.81	11.09	32.59	100	247	P	H
		5720	103.95	-	-	90.13	35.11	11.31	32.6	100	247	P	H
		5881.85	51.86	-16.44	68.3	37.72	35.33	11.41	32.6	100	247	P	H
		5405.55	41.62	-12.38	54	28.37	34.82	11.01	32.58	100	247	P	H
		5720	97.6	-	-	83.78	35.11	11.31	32.6	100	247	A	H
		5421.5	51.45	-22.55	74	38.18	34.82	11.03	32.58	138	176	P	V
		5467.15	49.9	-18.4	68.3	36.58	34.81	11.1	32.59	138	176	P	V
		5720	102.25	-	-	88.43	35.11	11.31	32.6	138	176	P	V
		5869.2	52	-16.3	68.3	37.88	35.32	11.4	32.6	138	176	P	V
		5455.05	41.56	-12.44	54	28.26	34.81	11.08	32.59	138	176	P	V
		5720	95.83	-	-	82.01	35.11	11.31	32.6	138	176	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C - Straddle Channel
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path 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	53.52	-20.48	74	50.01	39.75	14.81	51.05	100	36	P	H
		11440	43.77	-10.23	54	40.26	39.75	14.81	51.05	100	36	A	H
		17160	50.31	-17.99	68.3	44.51	42.44	16.83	53.47	-	-	P	H
		11440	55.94	-18.06	74	52.43	39.75	14.81	51.05	124	354	P	V
		11440	45.87	-8.13	54	42.36	39.75	14.81	51.05	124	354	A	V
		17160	50.53	-17.77	68.3	44.73	42.44	16.83	53.47	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C - Straddle Channel
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 142 5710MHz		5353.3	51.79	-22.21	74	38.56	34.83	10.97	32.57	100	245	P	H
		5469.35	50.75	-17.55	68.3	37.43	34.81	11.1	32.59	100	245	P	H
		5710	101.01	-	-	87.21	35.09	11.31	32.6	100	245	P	H
		5855.45	52.2	-16.1	68.3	38.12	35.3	11.38	32.6	100	245	P	H
		5400.05	42.46	-11.54	54	29.22	34.82	11	32.58	100	245	P	H
		5710	94.86	-	-	81.06	35.09	11.31	32.6	100	245	A	H
		5389.6	51.21	-22.79	74	37.98	34.82	10.99	32.58	136	175	P	V
		5460	50.83	-17.47	68.3	37.52	34.81	11.09	32.59	136	175	P	V
		5710	100.64	-	-	86.84	35.09	11.31	32.6	136	175	P	V
		5874.7	52.5	-15.8	68.3	38.38	35.32	11.4	32.6	136	175	P	V
		5455.6	42.37	-11.63	54	29.07	34.81	11.08	32.59	136	175	P	V
		5710	93.52	-	-	79.72	35.09	11.31	32.6	136	175	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C - Straddle Channel
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path 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	53.11	-20.89	74	49.62	39.74	14.82	51.07	113	33	P	H
		11420	44.1	-9.9	54	40.61	39.74	14.82	51.07	113	33	A	H
		17130	50.48	-17.82	68.3	44.7	42.45	16.82	53.49	-	-	P	H
		11420	54.33	-19.67	74	50.84	39.74	14.82	51.07	126	350	P	V
		11420	45.8	-8.2	54	42.31	39.74	14.82	51.07	126	350	A	V
		17130	50.74	-17.56	68.3	44.96	42.45	16.82	53.49	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C - Straddle Channel
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 138 5690MHz		5439.65	51.65	-22.35	74	38.37	34.81	11.06	32.59	100	248	P	H
		5460	50.44	-17.86	68.3	37.13	34.81	11.09	32.59	100	248	P	H
		5690	98.88	-	-	85.11	35.07	11.3	32.6	100	248	P	H
		5899.45	52.16	-16.14	68.3	37.97	35.36	11.43	32.6	100	248	P	H
		5363.75	44.14	-9.86	54	30.9	34.83	10.98	32.57	100	248	P	H
		5690	91.28	-	-	77.51	35.07	11.3	32.6	100	248	A	H
		5425.35	52.45	-21.55	74	39.18	34.81	11.04	32.58	140	175	P	V
		5464.4	51.55	-16.75	68.3	38.23	34.81	11.1	32.59	140	175	P	V
		5690	96.46	-	-	82.69	35.07	11.3	32.6	140	175	P	V
		5856	52.32	-15.98	68.3	38.24	35.3	11.38	32.6	140	175	P	V
		5460	44.1	-9.9	54	30.79	34.81	11.09	32.59	140	175	P	V
		5690	89.45	-	-	75.68	35.07	11.3	32.6	140	175	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**U-NII-2C - Straddle Channel****WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		11380	50.84	-23.16	74	47.4	39.7	14.83	51.09	-	-	P	H
VHT80		17070	50.73	-17.57	68.3	45	42.47	16.81	53.55	-	-	P	H
CH 138		11380	50.27	-23.73	74	46.83	39.7	14.83	51.09	-	-	P	V
5690MHz		17070	49.08	-19.22	68.3	43.35	42.47	16.81	53.55	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

5GHz WIFI 802.11a HT20 (LF)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
5GHz 802.11a HT20 LF		36.79	19	-21	40	33.01	19.36	1.47	34.84	-	-	P	H
		170.65	25.23	-18.27	43.5	38.39	19.07	2.47	34.7	-	-	P	H
		257.95	29.42	-16.58	46	42.84	18.42	2.84	34.68	-	-	P	H
		503.36	25.12	-20.88	46	32.03	23.9	3.69	34.5	-	-	P	H
		756.53	28.47	-17.53	46	30.55	27.93	4.38	34.39	-	-	P	H
		904.94	30.83	-15.17	46	31.18	29.21	4.74	34.3	-	-	P	H
		51.34	26.87	-13.13	40	39.92	20.25	1.69	34.99	-	-	P	V
		81.41	26	-14	40	43.58	15.19	1.94	34.71	-	-	P	V
		167.74	27.12	-16.38	43.5	40.15	19.21	2.46	34.7	-	-	P	V
		350.1	22.14	-23.86	46	32.66	20.87	3.21	34.6	-	-	P	V
		499.48	24.33	-21.67	46	31.33	23.82	3.68	34.5	-	-	P	V
		772.05	29.17	-16.83	46	31.12	28	4.41	34.36	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



U-NII-3 - 5725~5850MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					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 149 5745MHz		5602.6	52.54	-15.76	68.3	38.9	34.94	11.3	32.6	167	247	P	H
		5689.4	54.44	-42.96	97.4	40.67	35.07	11.3	32.6	167	247	P	H
		5719.6	64.42	-46.27	110.69	50.6	35.11	11.31	32.6	167	247	P	H
		5724.8	69.54	-52.2	121.74	55.72	35.11	11.31	32.6	167	247	P	H
		5745	104.55	-	-	90.7	35.14	11.31	32.6	167	247	P	H
		5745	97.18	-	-	83.33	35.14	11.31	32.6	167	247	A	H
		5636.6	52.16	-16.14	68.3	38.47	34.99	11.3	32.6	343	175	P	V
		5686.6	52.94	-42.4	95.34	39.18	35.06	11.3	32.6	343	175	P	V
		5719.4	63.61	-47.02	110.63	49.79	35.11	11.31	32.6	343	175	P	V
		5724.2	71.35	-49.03	120.38	57.53	35.11	11.31	32.6	343	175	P	V
		5745	102.68	-	-	88.83	35.14	11.31	32.6	343	175	P	V
		5745	95.33	-	-	81.48	35.14	11.31	32.6	343	175	A	V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 157 5785MHz		5629.6	52.78	-15.52	68.3	39.1	34.98	11.3	32.6	160	247	P	H
		5676.4	52.19	-35.63	87.82	38.44	35.05	11.3	32.6	160	247	P	H
		5718.8	53.23	-57.23	110.46	39.41	35.11	11.31	32.6	160	247	P	H
		5723	52.57	-65.07	117.64	38.75	35.11	11.31	32.6	160	247	P	H
		5785	103.65	-	-	89.74	35.2	11.31	32.6	160	247	P	H
		5785	96.37	-	-	82.46	35.2	11.31	32.6	160	247	A	H
		5854	51.9	-61.18	113.08	37.82	35.3	11.38	32.6	160	247	P	H
		5872	51.66	-54.38	106.04	37.54	35.32	11.4	32.6	160	247	P	H
		5892.8	51.55	-40.44	91.99	37.37	35.35	11.43	32.6	160	247	P	H
		5946.8	51.96	-16.34	68.3	37.64	35.43	11.49	32.6	160	247	P	H
		5637.8	52.01	-16.29	68.3	38.32	34.99	11.3	32.6	353	174	P	V
		5672.2	51.88	-32.84	84.72	38.14	35.04	11.3	32.6	353	174	P	V
		5710	51.7	-56.3	108	37.9	35.09	11.31	32.6	353	174	P	V
		5724.4	51.07	-69.76	120.83	37.25	35.11	11.31	32.6	353	174	P	V
		5785	103.08	-	-	89.17	35.2	11.31	32.6	353	174	P	V
		5785	96.24	-	-	82.33	35.2	11.31	32.6	353	174	A	V
		5852.8	51.4	-64.42	115.82	37.33	35.29	11.38	32.6	353	174	P	V
		5857.2	52.06	-58.12	110.18	37.98	35.3	11.38	32.6	353	174	P	V
		5897	52.05	-36.83	88.88	37.86	35.36	11.43	32.6	353	174	P	V
		5934.2	52.06	-16.24	68.3	37.77	35.41	11.48	32.6	353	174	P	V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 165 5825MHz		5825	104.45	-	-	90.45	35.26	11.34	32.6	160	246	P	H
		5825	97.17	-	-	83.17	35.26	11.34	32.6	160	246	A	H
		5851.6	62.88	-55.67	118.55	48.82	35.29	11.37	32.6	160	246	P	H
		5856	60.01	-50.51	110.52	45.93	35.3	11.38	32.6	160	246	P	H
		5875.4	52.73	-52.17	104.9	38.6	35.33	11.4	32.6	160	246	P	H
		5930.8	52.06	-16.24	68.3	37.79	35.4	11.47	32.6	160	246	P	H
		5825	102.05	-	-	88.05	35.26	11.34	32.6	350	175	P	V
		5825	95.25	-	-	81.25	35.26	11.34	32.6	350	175	A	V
		5851.4	61.99	-57.02	119.01	47.93	35.29	11.37	32.6	350	175	P	V
		5856.2	58.55	-51.91	110.46	44.47	35.3	11.38	32.6	350	175	P	V
		5885.8	51.75	-45.43	97.18	37.59	35.34	11.42	32.6	350	175	P	V
		5940.4	52.18	-16.12	68.3	37.87	35.42	11.49	32.6	350	175	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-3 5725~5850MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 149 5745MHz		11490	55.09	-18.91	74	51.52	39.79	14.79	51.01	104	33	P	H
		11490	46.33	-7.67	54	42.76	39.79	14.79	51.01	104	33	A	H
		17235	50.19	-18.11	68.3	44.34	42.41	16.85	53.41	-	-	P	H
		11490	57.23	-16.77	74	53.66	39.79	14.79	51.01	125	356	P	V
		11490	48.33	-5.67	54	44.76	39.79	14.79	51.01	125	356	A	V
		17235	49.45	-18.85	68.3	43.6	42.41	16.85	53.41	-	-	P	V
802.11a CH 157 5785MHz		11570	55.47	-18.53	74	51.83	39.86	14.77	50.99	100	33	P	H
		11570	46.65	-7.35	54	43.01	39.86	14.77	50.99	100	33	A	H
		17355	50.06	-18.24	68.3	44.14	42.36	16.88	53.32	-	-	P	H
		11570	57.69	-16.31	74	54.05	39.86	14.77	50.99	119	356	P	V
		11570	49.13	-4.87	54	45.49	39.86	14.77	50.99	119	356	A	V
		17355	50.32	-17.98	68.3	44.4	42.36	16.88	53.32	-	-	P	V
802.11a CH 165 5825MHz		11650	56.47	-17.53	74	52.78	39.92	14.74	50.97	100	42	P	H
		11650	46.32	-7.68	54	42.63	39.92	14.74	50.97	100	42	A	H
		17475	49.85	-18.45	68.3	43.86	42.31	16.91	53.23	-	-	P	H
		11650	57.44	-16.56	74	53.75	39.92	14.74	50.97	121	355	P	V
		11650	48.76	-5.24	54	45.07	39.92	14.74	50.97	121	355	A	V
		17475	50.56	-17.74	68.3	44.57	42.31	16.91	53.23	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-3 5725~5850MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 149 5745MHz		5649	53	-15.3	68.3	39.29	35.01	11.3	32.6	170	247	P	H
		5693.4	54.56	-45.79	100.35	40.79	35.07	11.3	32.6	170	247	P	H
		5720	63.94	-46.86	110.8	50.12	35.11	11.31	32.6	170	247	P	H
		5724.2	69.32	-51.06	120.38	55.5	35.11	11.31	32.6	170	247	P	H
		5745	103.22	-	-	89.37	35.14	11.31	32.6	170	247	P	H
		5745	96.31	-	-	82.46	35.14	11.31	32.6	170	247	A	H
		5648.8	52.33	-15.97	68.3	38.62	35.01	11.3	32.6	343	175	P	V
		5693.8	53.07	-47.57	100.64	39.3	35.07	11.3	32.6	343	175	P	V
		5718.4	61.26	-49.09	110.35	47.44	35.11	11.31	32.6	343	175	P	V
		5723.4	67.44	-51.11	118.55	53.62	35.11	11.31	32.6	343	175	P	V
		5745	101.2	-	-	87.35	35.14	11.31	32.6	343	175	P	V
		5745	93.98	-	-	80.13	35.14	11.31	32.6	343	175	A	V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 157 5785MHz		5621.8	52.47	-15.83	68.3	38.8	34.97	11.3	32.6	189	247	P	H
		5690.8	53.12	-45.31	98.43	39.35	35.07	11.3	32.6	189	247	P	H
		5704.6	53.14	-53.35	106.49	39.34	35.09	11.31	32.6	189	247	P	H
		5720.2	54.01	-57.25	111.26	40.19	35.11	11.31	32.6	189	247	P	H
		5785	103.47	-	-	89.56	35.2	11.31	32.6	189	247	P	H
		5785	96.26	-	-	82.35	35.2	11.31	32.6	189	247	A	H
		5852.6	52.96	-63.31	116.27	38.89	35.29	11.38	32.6	189	247	P	H
		5861.8	52.33	-56.56	108.89	38.23	35.31	11.39	32.6	189	247	P	H
		5923.2	52.44	-17.09	69.53	38.19	35.39	11.46	32.6	189	247	P	H
		5940	53.99	-14.31	68.3	39.68	35.42	11.49	32.6	189	247	P	H
		5646.8	52.92	-15.38	68.3	39.21	35.01	11.3	32.6	292	173	P	V
		5669.4	52.95	-29.71	82.66	39.21	35.04	11.3	32.6	292	173	P	V
		5712	53.14	-55.42	108.56	39.33	35.1	11.31	32.6	292	173	P	V
		5724.2	52.6	-67.78	120.38	38.78	35.11	11.31	32.6	292	173	P	V
		5785	101.9	-	-	87.99	35.2	11.31	32.6	292	173	P	V
		5785	94.54	-	-	80.63	35.2	11.31	32.6	292	173	A	V
		5852	51.99	-65.65	117.64	37.92	35.29	11.38	32.6	292	173	P	V
		5859.2	52.26	-57.36	109.62	38.18	35.3	11.38	32.6	292	173	P	V
		5911.2	53.92	-24.46	78.38	39.69	35.38	11.45	32.6	292	173	P	V
		5940.2	53.73	-14.57	68.3	39.42	35.42	11.49	32.6	292	173	P	V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 165 5825MHz		5825	102.55	-	-	88.55	35.26	11.34	32.6	190	246	P	H
		5825	95.05	-	-	81.05	35.26	11.34	32.6	190	246	A	H
		5850.2	61.53	-60.21	121.74	47.47	35.29	11.37	32.6	190	246	P	H
		5856.6	60.95	-49.4	110.35	46.87	35.3	11.38	32.6	190	246	P	H
		5910.6	52.78	-26.04	78.82	38.56	35.37	11.45	32.6	190	246	P	H
		5926.2	53.13	-15.17	68.3	38.86	35.4	11.47	32.6	190	246	P	H
		5825	101.96	-	-	87.96	35.26	11.34	32.6	286	176	P	V
		5825	94.17	-	-	80.17	35.26	11.34	32.6	286	176	A	V
		5852.4	62.54	-54.19	116.73	48.47	35.29	11.38	32.6	286	176	P	V
		5855.8	60.23	-50.35	110.58	46.15	35.3	11.38	32.6	286	176	P	V
		5896	52.94	-36.68	89.62	38.76	35.35	11.43	32.6	286	176	P	V
		5934.2	53.03	-15.27	68.3	38.74	35.41	11.48	32.6	286	176	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-3 5725~5850MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 149 5745MHz		11490	54.67	-19.33	74	51.1	39.79	14.79	51.01	100	35	P	H
		11490	44.99	-9.01	54	41.42	39.79	14.79	51.01	100	35	A	H
		17235	51.19	-17.11	68.3	45.34	42.41	16.85	53.41	-	-	P	H
		11490	56.78	-17.22	74	53.21	39.79	14.79	51.01	120	355	P	V
		11490	46.9	-7.1	54	43.33	39.79	14.79	51.01	120	355	A	V
		17235	51.6	-16.7	68.3	45.75	42.41	16.85	53.41	-	-	P	V
802.11n HT20 CH 157 5785MHz		11570	54.74	-19.26	74	51.1	39.86	14.77	50.99	100	34	P	H
		11570	45.11	-8.89	54	41.47	39.86	14.77	50.99	100	34	A	H
		17355	52.05	-16.25	68.3	46.13	42.36	16.88	53.32	-	-	P	H
		11570	57.12	-16.88	74	53.48	39.86	14.77	50.99	115	355	P	V
		11570	47.94	-6.06	54	44.3	39.86	14.77	50.99	115	355	A	V
		17355	52.5	-15.8	68.3	46.58	42.36	16.88	53.32	-	-	P	V
802.11n HT20 CH 165 5825MHz		11650	54.17	-19.83	74	50.48	39.92	14.74	50.97	100	31	P	H
		11650	45.61	-8.39	54	41.92	39.92	14.74	50.97	100	31	A	H
		17475	51.45	-16.85	68.3	45.46	42.31	16.91	53.23	-	-	P	H
		11650	57.18	-16.82	74	53.49	39.92	14.74	50.97	100	356	P	V
		11650	47.82	-6.18	54	44.13	39.92	14.74	50.97	100	356	A	V
		17475	52.52	-15.78	68.3	46.53	42.31	16.91	53.23	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-3 5725~5850MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 151 5755MHz		5648.6	53.71	-14.59	68.3	40	35.01	11.3	32.6	195	284	P	H
		5700	57.22	-47.98	105.2	43.43	35.08	11.31	32.6	195	284	P	H
		5720	73.4	-37.4	110.8	59.58	35.11	11.31	32.6	195	284	P	H
		5723.2	75.24	-42.86	118.1	61.42	35.11	11.31	32.6	195	284	P	H
		5755	101.54	-	-	87.67	35.16	11.31	32.6	195	284	P	H
		5755	93.99	-	-	80.12	35.16	11.31	32.6	195	284	A	H
		5852	52.65	-64.99	117.64	38.58	35.29	11.38	32.6	195	284	P	H
		5857.8	52.99	-57.02	110.01	38.91	35.3	11.38	32.6	195	284	P	H
		5904.2	52.75	-30.8	83.55	38.54	35.37	11.44	32.6	195	284	P	H
		5940.8	52.9	-15.4	68.3	38.59	35.42	11.49	32.6	195	284	P	H
		5646.2	52.95	-15.35	68.3	39.25	35	11.3	32.6	279	172	P	V
		5696.6	56.36	-46.34	102.7	42.58	35.08	11.3	32.6	279	172	P	V
		5719.8	71.51	-39.23	110.74	57.69	35.11	11.31	32.6	279	172	P	V
		5723	73.57	-44.07	117.64	59.75	35.11	11.31	32.6	279	172	P	V
		5755	98.92	-	-	85.05	35.16	11.31	32.6	279	172	P	V
		5755	92.49	-	-	78.62	35.16	11.31	32.6	279	172	A	V
		5851.4	51.54	-67.47	119.01	37.48	35.29	11.37	32.6	279	172	P	V
		5855.8	52.12	-58.46	110.58	38.04	35.3	11.38	32.6	279	172	P	V
		5922.6	52.35	-17.62	69.97	38.1	35.39	11.46	32.6	279	172	P	V
		5928	53	-15.3	68.3	38.73	35.4	11.47	32.6	279	172	P	V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 159 5795MHz		5643.8	52.81	-15.49	68.3	39.11	35	11.3	32.6	192	282	P	H
		5695.6	53.46	-48.51	101.97	39.69	35.07	11.3	32.6	192	282	P	H
		5718.2	54.87	-55.43	110.3	41.05	35.11	11.31	32.6	192	282	P	H
		5725	54.31	-67.89	122.2	40.49	35.11	11.31	32.6	192	282	P	H
		5795	101.58	-	-	87.66	35.21	11.31	32.6	192	282	P	H
		5795	94.16	-	-	80.24	35.21	11.31	32.6	192	282	A	H
		5851.2	59.61	-59.85	119.46	45.55	35.29	11.37	32.6	192	282	P	H
		5870.6	58.44	-47.99	106.43	44.32	35.32	11.4	32.6	192	282	P	H
		5886.2	55.42	-41.46	96.88	41.26	35.34	11.42	32.6	192	282	P	H
		5931	53.39	-14.91	68.3	39.12	35.4	11.47	32.6	192	282	P	H
		5612.8	52.94	-15.36	68.3	39.28	34.96	11.3	32.6	276	166	P	V
		5681.2	52.69	-38.67	91.36	38.94	35.05	11.3	32.6	276	166	P	V
		5712.4	52.66	-56.01	108.67	38.85	35.1	11.31	32.6	276	166	P	V
		5720.6	53.33	-58.84	112.17	39.51	35.11	11.31	32.6	276	166	P	V
		5795	97.78	-	-	83.86	35.21	11.31	32.6	276	166	P	V
		5795	90.3	-	-	76.38	35.21	11.31	32.6	276	166	A	V
		5851.8	53.14	-64.96	118.1	39.08	35.29	11.37	32.6	276	166	P	V
		5857.8	54.18	-55.83	110.01	40.1	35.3	11.38	32.6	276	166	P	V
		5890	52.65	-41.42	94.07	38.48	35.35	11.42	32.6	276	166	P	V
		5930	53.13	-15.17	68.3	38.86	35.4	11.47	32.6	276	166	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-3 5725~5850MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 151 5755MHz		11510	52.14	-21.86	74	48.54	39.81	14.79	51	103	35	P	H
		11510	44.11	-9.89	54	40.51	39.81	14.79	51	103	35	A	H
		17265	51.9	-16.4	68.3	46.04	42.39	16.86	53.39	-	-	P	H
		11510	54.69	-19.31	74	51.09	39.81	14.79	51	117	355	P	V
		11510	46.39	-7.61	54	42.79	39.81	14.79	51	117	355	A	V
		17265	52.68	-15.62	68.3	46.82	42.39	16.86	53.39	-	-	P	V
802.11n HT40 CH 159 5795MHz		11590	52.26	-21.74	74	48.61	39.87	14.76	50.98	105	33	P	H
		11590	43.19	-10.81	54	39.54	39.87	14.76	50.98	105	33	A	H
		17385	51.72	-16.58	68.3	45.77	42.35	16.89	53.29	-	-	P	H
		11590	54.26	-19.74	74	50.61	39.87	14.76	50.98	113	354	P	V
		11590	45.56	-8.44	54	41.91	39.87	14.76	50.98	113	354	A	V
		17385	50.81	-17.49	68.3	44.86	42.35	16.89	53.29			P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-3 5725~5850MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 155 5775MHz		5650	53.84	-14.46	68.3	40.13	35.01	11.3	32.6	194	283	P	H
		5698.6	61.58	-42.59	104.17	47.8	35.08	11.3	32.6	194	283	P	H
		5714.4	67.77	-41.46	109.23	53.96	35.1	11.31	32.6	194	283	P	H
		5723.8	66.14	-53.32	119.46	52.32	35.11	11.31	32.6	194	283	P	H
		5775	97.28	-	-	83.38	35.19	11.31	32.6	194	283	P	H
		5775	90.4	-	-	76.5	35.19	11.31	32.6	194	283	A	H
		5850.4	60.76	-60.53	121.29	46.7	35.29	11.37	32.6	194	283	P	H
		5855.8	59.82	-50.76	110.58	45.74	35.3	11.38	32.6	194	283	P	H
		5880	57.49	-44	101.49	43.35	35.33	11.41	32.6	194	283	P	H
		5947.8	52.76	-15.54	68.3	38.44	35.43	11.49	32.6	194	283	P	H
		5646.2	52.71	-15.59	68.3	39.01	35	11.3	32.6	210	283	P	V
		5699.8	61.08	-43.97	105.05	47.3	35.08	11.3	32.6	210	283	P	V
		5720	64.53	-46.27	110.8	50.71	35.11	11.31	32.6	210	283	P	V
		5723.2	65.88	-52.22	118.1	52.06	35.11	11.31	32.6	210	283	P	V
		5775	96.19	-	-	82.29	35.19	11.31	32.6	210	283	P	V
		5775	89.22	-	-	75.32	35.19	11.31	32.6	210	283	A	V
		5851	61.26	-58.66	119.92	47.2	35.29	11.37	32.6	210	283	P	V
		5859.4	57.32	-52.25	109.57	43.24	35.3	11.38	32.6	210	283	P	V
		5879	54.31	-47.92	102.23	40.17	35.33	11.41	32.6	210	283	P	V
		5947.6	52.88	-15.42	68.3	38.56	35.43	11.49	32.6	210	283	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**U-NII-3 5725~5850MHz****WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		11550	50.72	-23.28	74	47.1	39.84	14.77	50.99	-	-	P	H
VHT80		17325	50.56	-17.74	68.3	44.67	42.37	16.87	53.35	-	-	P	H
CH 155		11550	49.83	-24.17	74	46.21	39.84	14.77	50.99	-	-	P	V
5775MHz		17325	50.33	-17.97	68.3	44.44	42.37	16.87	53.35	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

WIFI 802.11a (LF @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					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 LF		53.28	19.64	-20.36	40	32.72	20.17	1.72	34.97	-	-	P	H
		167.74	25.49	-18.01	43.5	38.52	19.21	2.46	34.7	-	-	P	H
		259.89	27.41	-18.59	46	40.77	18.47	2.85	34.68	-	-	P	H
		523.73	25.45	-20.55	46	31.86	24.33	3.76	34.5	-	-	P	H
		750.71	29.1	-16.9	46	31.24	27.89	4.37	34.4	-	-	P	H
		919.49	31.81	-14.19	46	31.92	29.44	4.75	34.3	-	-	P	H
		56.19	26.78	-13.22	40	40	19.97	1.75	34.94	-	-	P	V
		82.38	25.97	-14.03	40	43.74	15.01	1.94	34.72	-	-	P	V
		164.83	27.58	-15.92	43.5	40.52	19.3	2.46	34.7	-	-	P	V
		439.34	24.41	-21.59	46	32.41	22.96	3.54	34.5	-	-	P	V
		673.11	27.63	-18.37	46	31.32	26.57	4.19	34.45	-	-	P	V
		844.8	29.93	-16.07	46	31.08	28.58	4.57	34.3	-	-	P	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 Margin line.
P/A	P eak or A verage
H/V	H orizontal or V ertical



A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					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. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Margin (dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)
 = Antenna Factor(dB/m) + Path 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. Margin (dB)
 = Level(dBμV/m) – Limit Line(dBμV/m)
 = 55.45(dBμV/m) – 74(dBμV/m)
 = -18.55(dB)

For Average Limit @ 2390MHz:

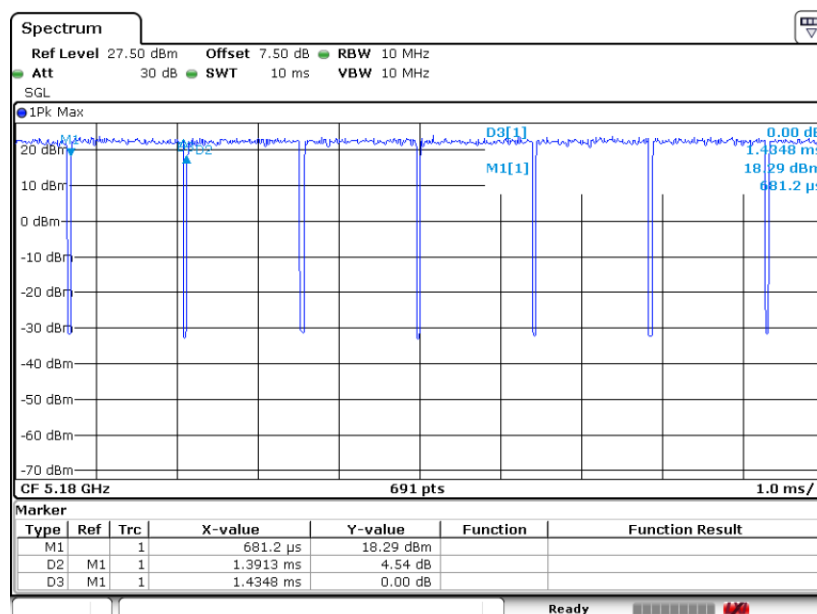
1. Level(dBμV/m)
 = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
 = 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)
 = 43.54 (dBμV/m)
2. Margin (dB) = Level(dBμV/m) – Limit Line(dBμV/m)
 = 43.54(dBμV/m) – 54(dBμV/m)
 = -10.46(dB)

Both peak and average measured complies with the limit line, so test result is “PASS”.

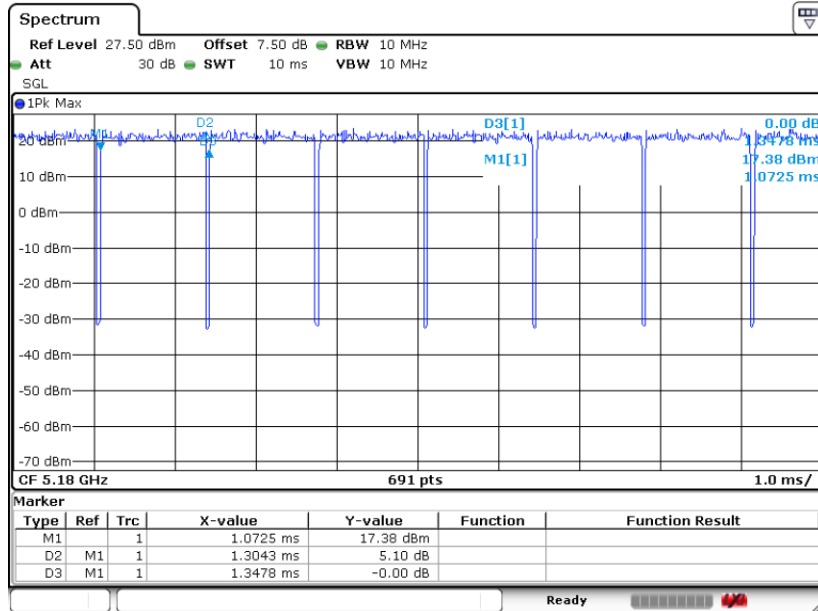
Appendix D. Duty Cycle Plots

Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
802.11a	96.97	1.391	0.719	1KHz
802.11n HT20	96.77	1.304	0.767	1KHz
802.11n HT40	93.68	0.645	1.551	3KHz
802.11ac VHT80	88.19	0.325	3.080	10KHZ

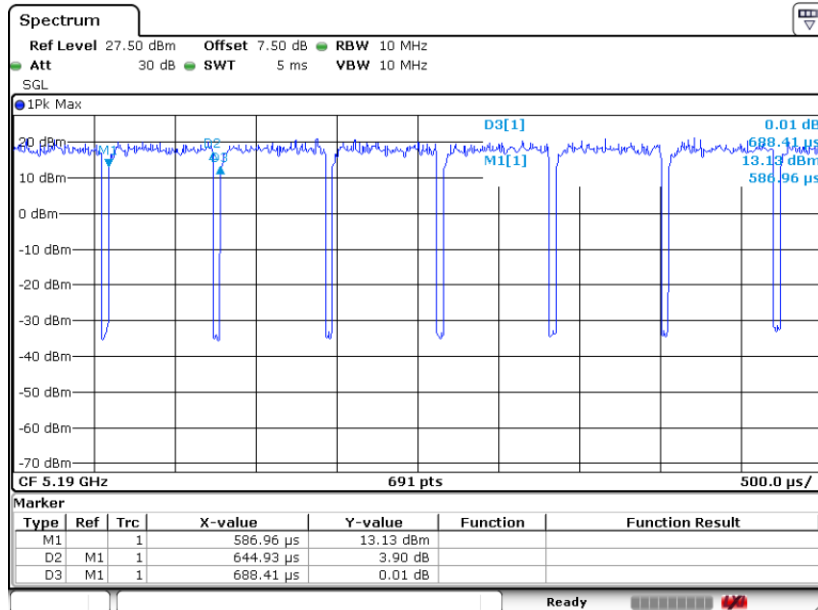
802.11a



802.11n HT20



802.11n HT40



802.11ac VHT80

