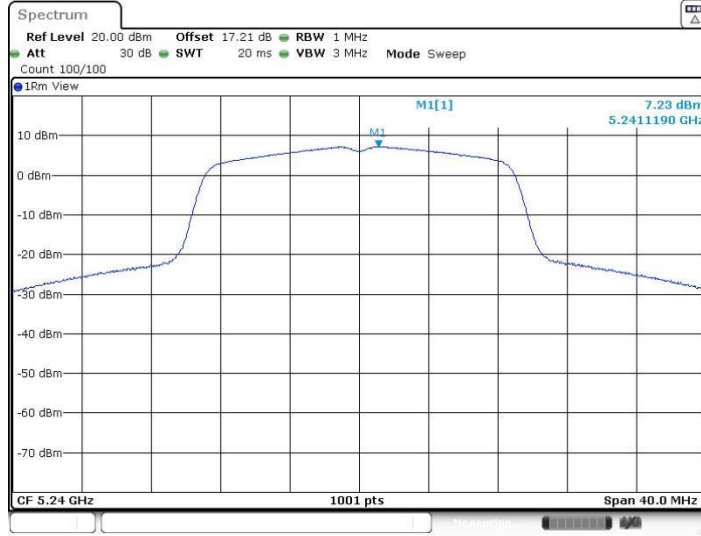


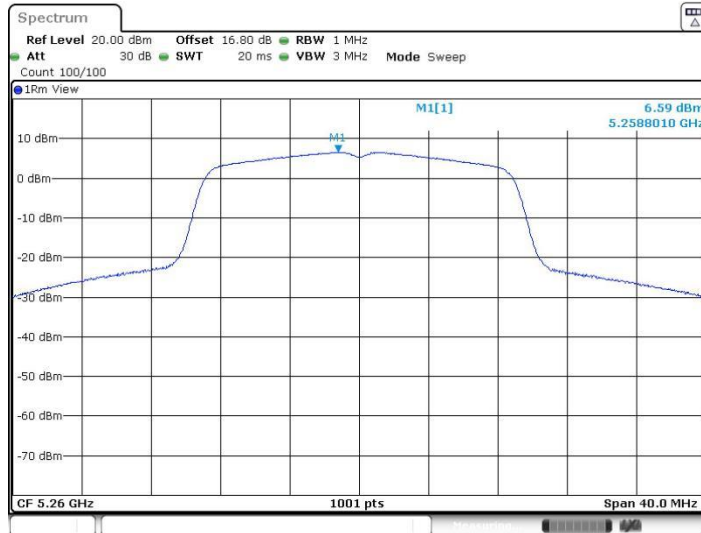


11N20SISO_Ant1_5240



Date: 25.OCT.2022 00:09:40

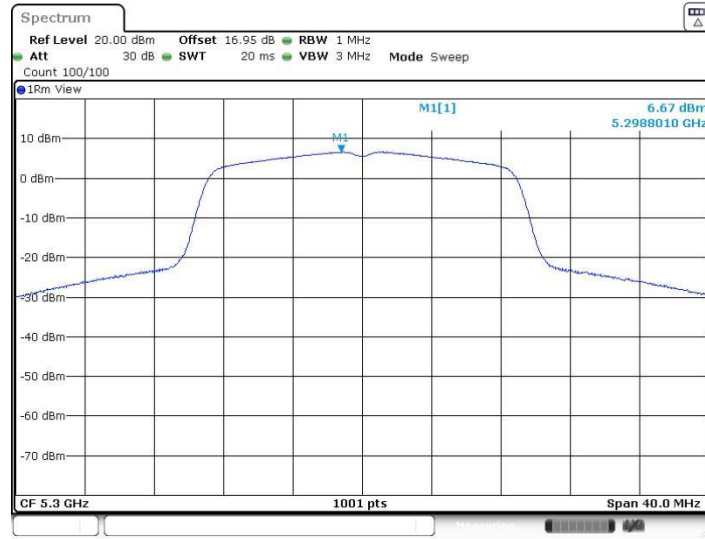
11N20SISO_Ant1_5260



Date: 25.OCT.2022 00:10:45



11N20SISO_Ant1_5300



Date: 25.OCT.2022 00:11:43

11N20SISO_Ant1_5320



Date: 1.NOV.2022 14:37:36

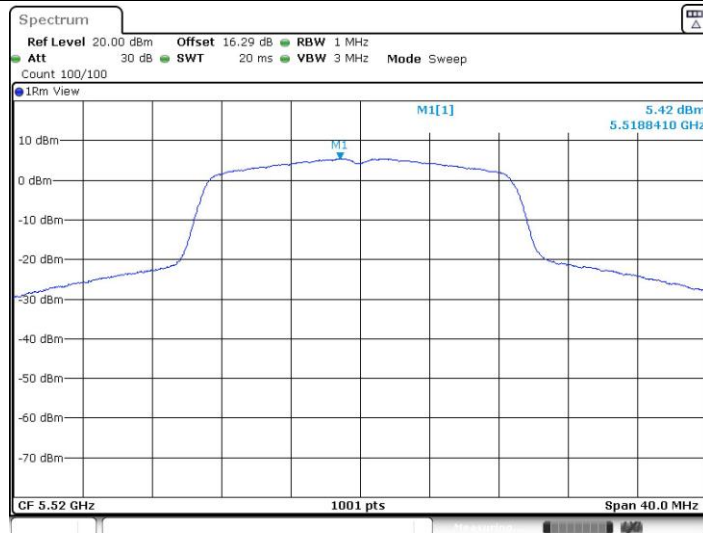


11N20SISO_Ant1_5500



Date: 1.NOV.2022 14:41:14

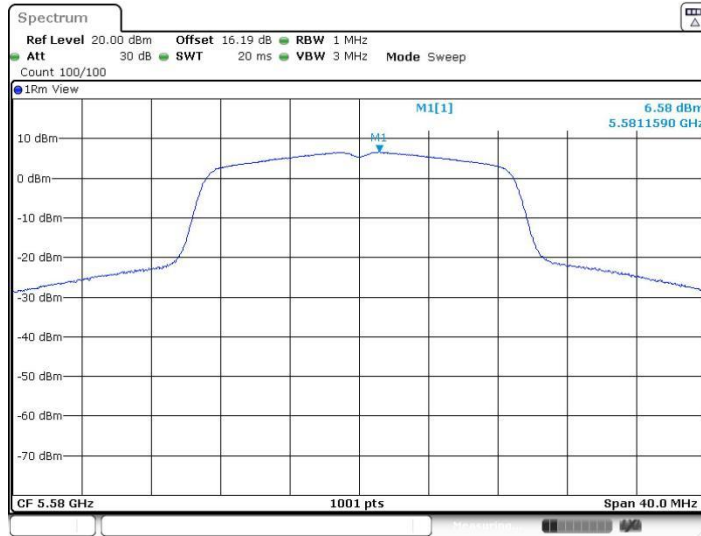
11N20SISO_Ant1_5520



Date: 18.NOV.2022 07:31:03



11N20SISO_Ant1_5580



Date: 25.OCT.2022 00:14:41

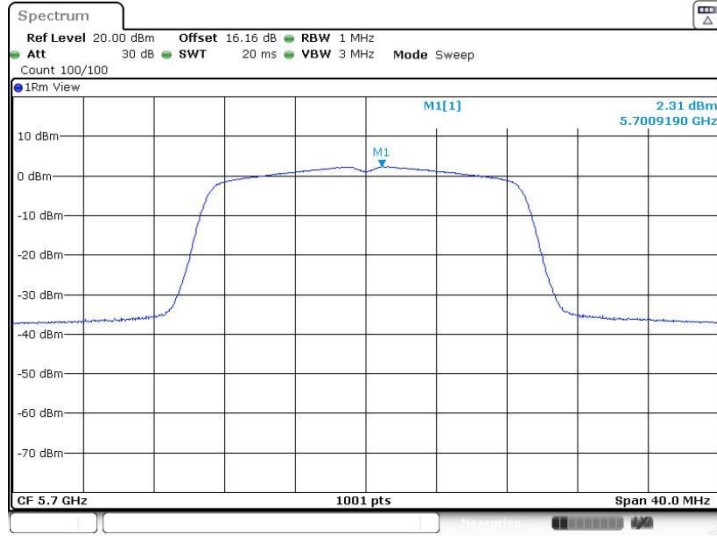
11N20SISO_Ant1_5680



Date: 25.OCT.2022 00:14:41



11N20SISO_Ant1_5700



Date: 1.NOV.2022 14:41:53

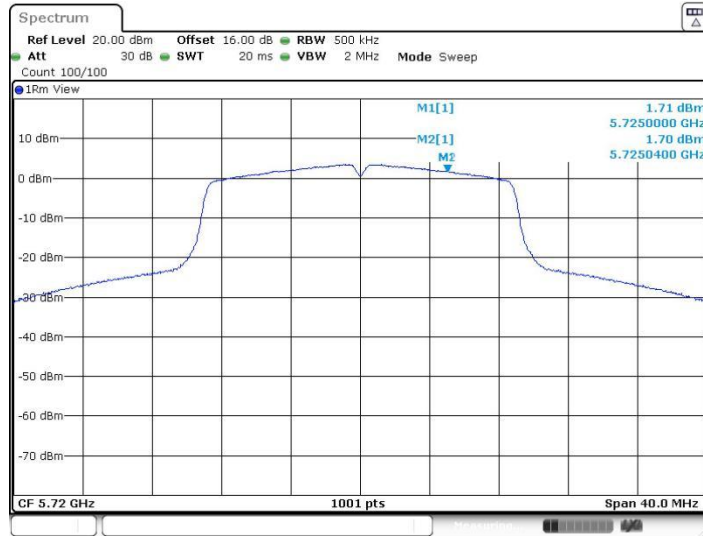
11N20SISO_Ant1_5720_UNII-2C



Date: 25.OCT.2022 00:16:29



11N20SISO_Ant1_5720_UNII-3



Date: 25.OCT.2022 00:16:39

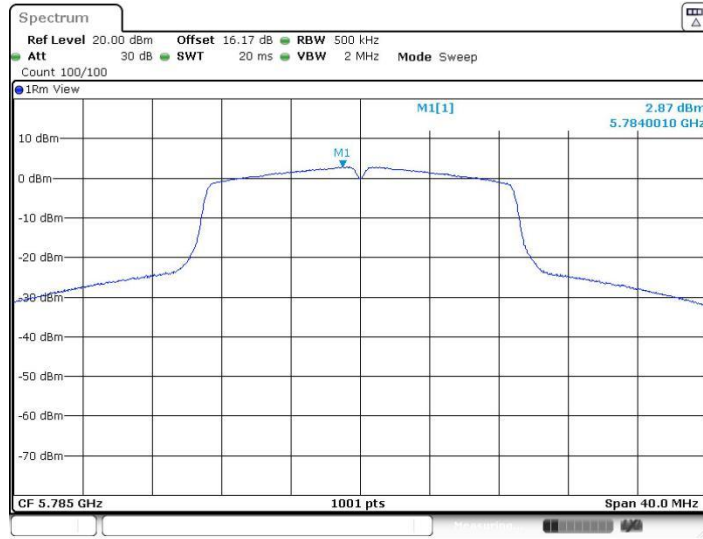
11N20SISO_Ant1_5745



Date: 25.OCT.2022 00:17:52



11N20SISO_Ant1_5785



Date: 25.OCT.2022 00:18:58

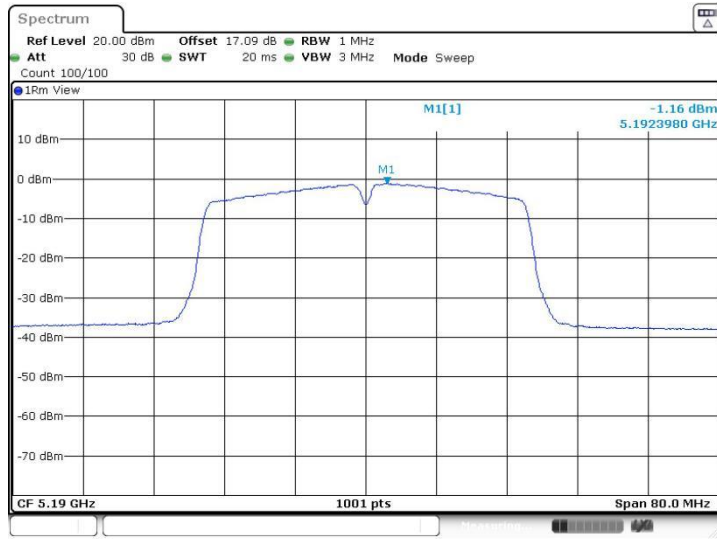
11N20SISO_Ant1_5825



Date: 25.OCT.2022 00:20:07



11N40SISO_Ant1_5190



Date: 1.NOV.2022 14:43:37

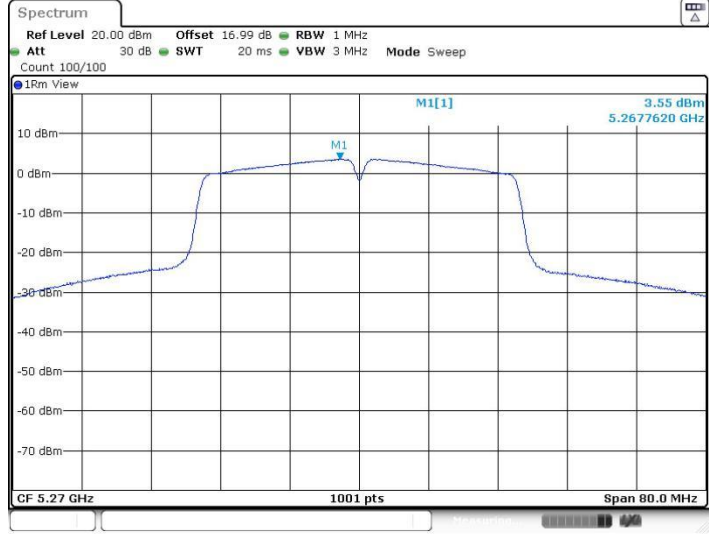
11N40SISO_Ant1_5230



Date: 25.OCT.2022 00:22:22



11N40SISO_Ant1_5270



Date: 25.OCT.2022 00:23:17

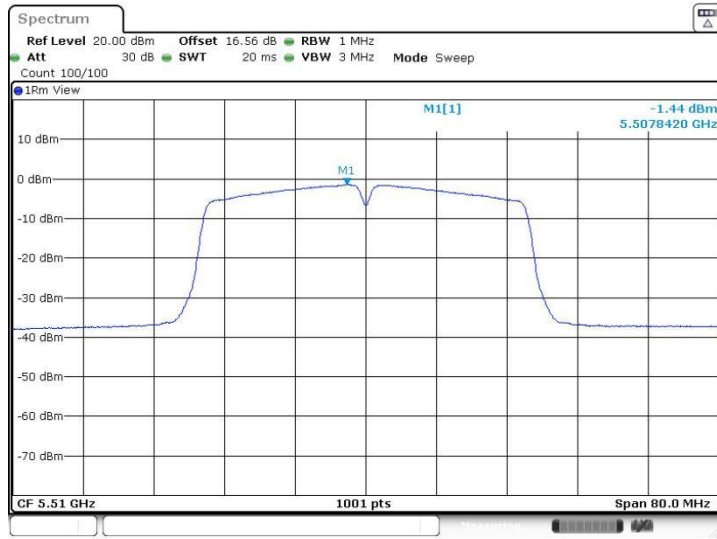
11N40SISO_Ant1_5310



Date: 1.NOV.2022 14:44:59



11N40SISO_Ant1_5510



Date: 1.NOV.2022 14:45:36

11N40SISO_Ant1_5550



Date: 25.OCT.2022 00:26:09



11N40SISO_Ant1_5630



Date: 18.NOV.2022 07:33:48

11N40SISO_Ant1_5670



Date: 1.NOV.2022 14:47:40

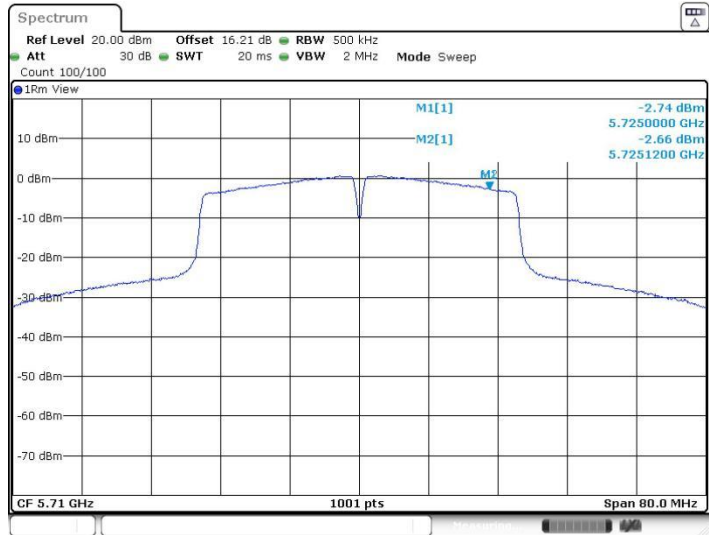


11N40SISO_Ant1_5710_UNII-2C



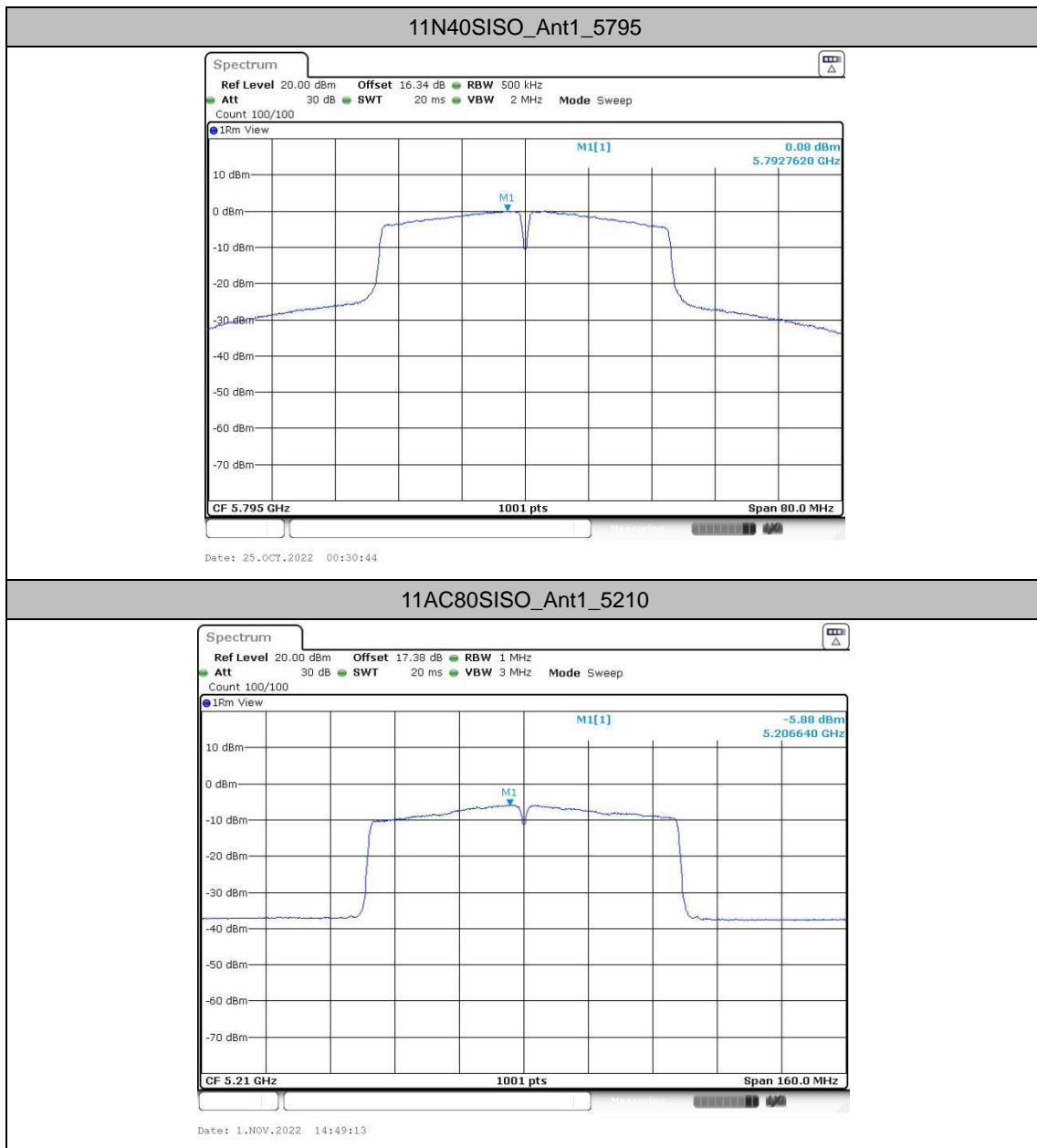
Date: 25.OCT.2022 00:28:11

11N40SISO_Ant1_5710_UNII-3



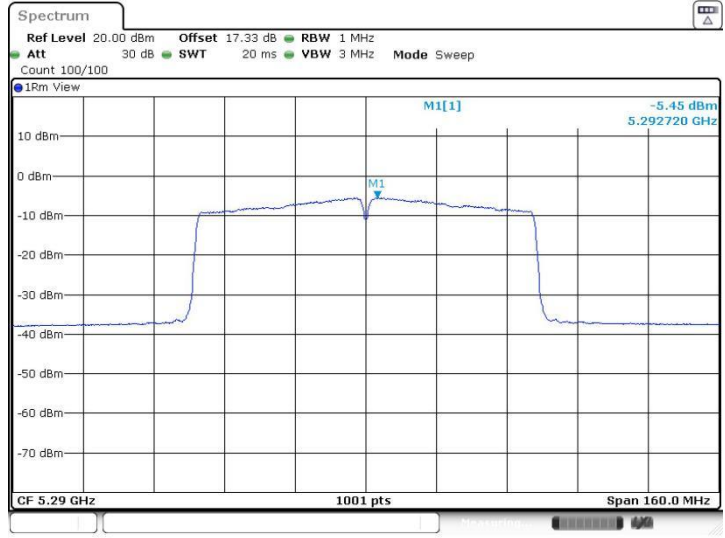
Date: 25.OCT.2022 00:28:21



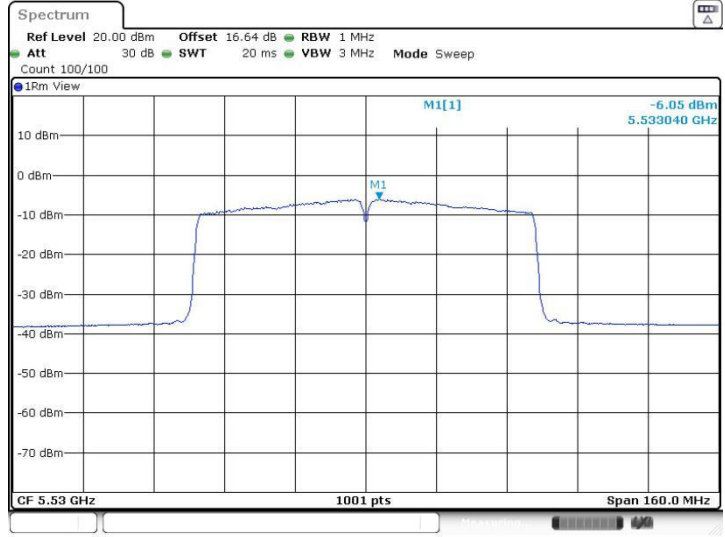




11AC80SISO_Ant1_5290



11AC80SISO_Ant1_5530



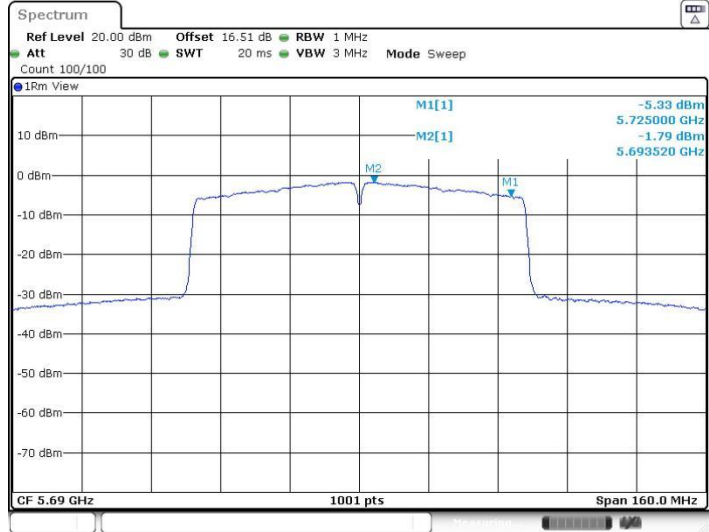


11AC80SISO_Ant1_5610

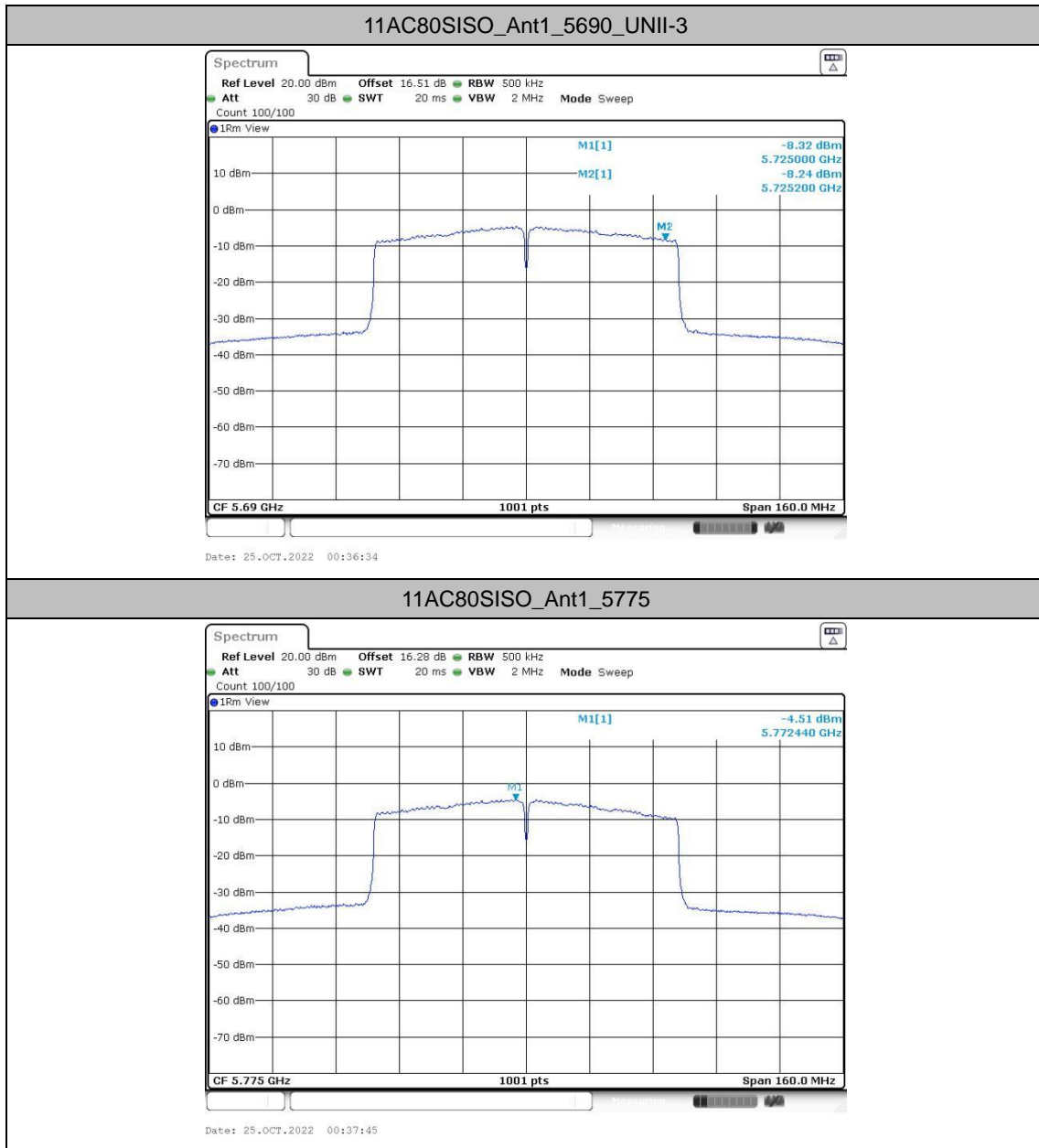


Date: 1.NOV.2022 14:51:18

11AC80SISO_Ant1_5690_UNII-2C



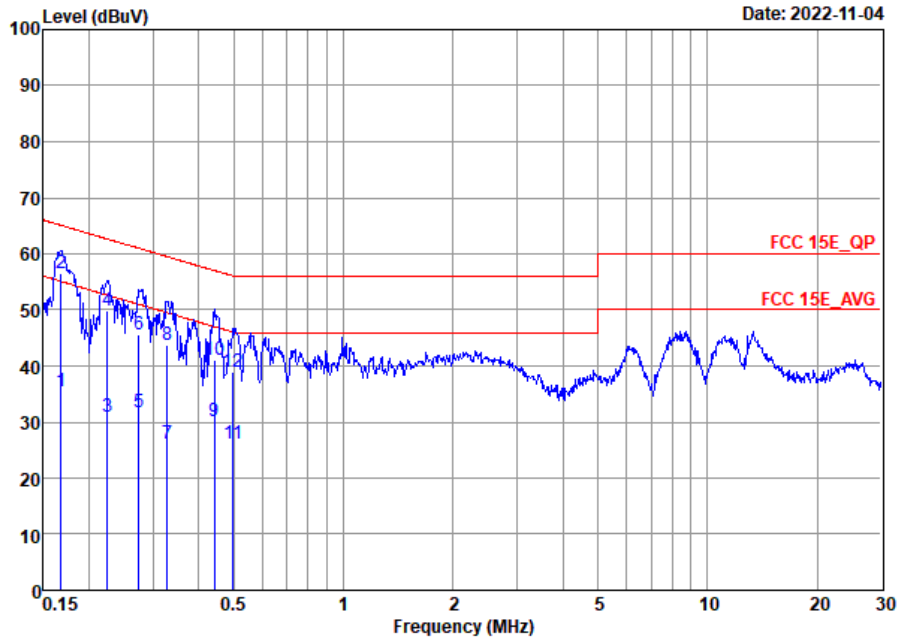
Date: 25.OCT.2022 00:36:24





Appendix B. AC Conducted Emission Test Results

Test Engineer :	Lily Qiu	Temperature :	20~23°C
		Relative Humidity :	41~46%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

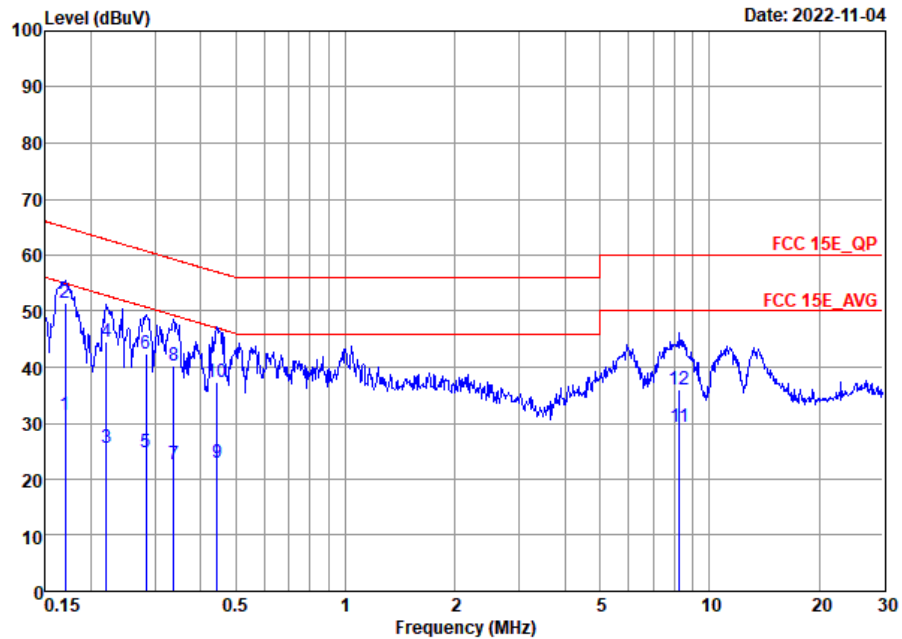


Site : CO01-SZ
 Condition: FCC 15E_QP LISN_20220811_ L LINE

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.17	35.37	-19.71	55.08	14.60	10.20	10.57	Average
2 *	0.17	56.57	-8.51	65.08	35.80	10.20	10.57	QP
3	0.22	31.05	-21.61	52.66	10.50	10.19	10.36	Average
4	0.22	49.95	-12.71	62.66	29.40	10.19	10.36	QP
5	0.27	31.81	-19.17	50.98	10.90	10.17	10.74	Average
6	0.27	45.71	-15.27	60.98	24.80	10.17	10.74	QP
7	0.33	26.20	-23.29	49.49	5.00	10.11	11.09	Average
8	0.33	43.60	-15.89	59.49	22.40	10.11	11.09	QP
9	0.44	30.24	-16.78	47.02	8.50	10.11	11.63	Average
10	0.44	41.14	-15.88	57.02	19.40	10.11	11.63	QP
11	0.50	26.06	-19.99	46.05	4.10	10.12	11.84	Average
12	0.50	38.96	-17.09	56.05	17.00	10.12	11.84	QP



Test Engineer :	Lily Qiu	Temperature :	20~23°C
		Relative Humidity :	41~46%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-S2
 Condition: FCC 15E_QP LISN_20220811_ N NEUTRAL

	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.17	31.34	-23.60	54.94	10.50	10.31	10.53	Average
2 *	0.17	51.54	-13.40	64.94	30.70	10.31	10.53	QP
3	0.22	25.61	-27.18	52.79	4.99	10.27	10.35	Average
4	0.22	44.61	-18.18	62.79	23.99	10.27	10.35	QP
5	0.28	24.72	-26.00	50.72	3.70	10.22	10.80	Average
6	0.28	42.42	-18.30	60.72	21.40	10.22	10.80	QP
7	0.34	22.61	-26.66	49.27	1.30	10.18	11.13	Average
8	0.34	40.21	-19.06	59.27	18.90	10.18	11.13	QP
9	0.44	23.04	-23.94	46.98	1.20	10.19	11.65	Average
10	0.44	37.34	-19.64	56.98	15.50	10.19	11.65	QP
11	8.28	29.39	-20.61	50.00	9.10	10.01	10.28	Average
12	8.28	35.99	-24.01	60.00	15.70	10.01	10.28	QP

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

5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path 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		5149.76	63.75	-10.25	74	50.32	34.87	11.09	32.53	100	294	P	H
	*	5150	49.88	-4.12	54	36.45	34.87	11.09	32.53	100	294	A	H
	*	5180	104.77	-	-	91.38	34.86	11.07	32.54	100	294	P	H
		5180	98.19	-	-	84.8	34.86	11.07	32.54	100	294	A	H
		5147.68	59.84	-14.16	74	46.41	34.87	11.09	32.53	100	301	P	V
		5149.76	47.32	-6.68	54	33.89	34.87	11.09	32.53	100	301	A	V
	*	5180	101.02	-	-	87.63	34.86	11.07	32.54	100	301	P	V
	*	5180	94.97	-	-	81.58	34.86	11.07	32.54	100	301	A	V
802.11a CH 44 5220MHz		5147.94	52.8	-21.2	74	39.37	34.87	11.09	32.53	100	292	P	H
		5150	42.59	-11.41	54	29.16	34.87	11.09	32.53	100	292	A	H
	*	5220	107.16	-	-	93.8	34.86	11.05	32.55	100	292	P	H
	*	5220	100.7	-	-	87.34	34.86	11.05	32.55	100	292	A	H
		5441.52	52.44	-21.56	74	39.16	34.81	11.06	32.59	100	292	P	H
		5402.16	41.71	-12.29	54	28.57	34.82	10.9	32.58	100	292	A	H
		5115.7	52.47	-21.53	74	39.03	34.88	11.09	32.53	100	301	P	V
		5148.2	42.31	-11.69	54	28.88	34.87	11.09	32.53	100	301	A	V
	*	5220	103.85	-	-	90.49	34.86	11.05	32.55	100	301	P	V
	*	5220	97.31	-	-	83.95	34.86	11.05	32.55	100	301	A	V
		5453.76	51.48	-22.52	74	38.2	34.81	11.06	32.59	100	301	P	V
		5405.28	41.46	-12.54	54	28.32	34.82	10.9	32.58	100	301	A	V
802.11a CH 48 5240MHz		5101.66	51.95	-22.05	74	38.47	34.88	11.12	32.52	100	292	P	H
		5114.92	42.08	-11.92	54	28.63	34.88	11.09	32.52	100	292	A	H
	*	5240	106.41	-	-	93.09	34.85	11.02	32.55	100	292	P	H
	*	5240	100.16	-	-	86.84	34.85	11.02	32.55	100	292	A	H
		5400.72	52.39	-21.61	74	39.25	34.82	10.9	32.58	100	292	P	H
		5411.28	42.07	-11.93	54	28.93	34.82	10.9	32.58	100	292	A	H
		5080.34	51.82	-22.18	74	38.34	34.88	11.12	32.52	100	300	P	V



		5105.3	41.92	-12.08	54	28.44	34.88	11.12	32.52	100	300	A	V
	*	5240	101.81	-	-	88.49	34.85	11.02	32.55	100	300	P	V
	*	5240	95.63	-	-	82.31	34.85	11.02	32.55	100	300	A	V
		5396.16	51.59	-22.41	74	38.45	34.82	10.9	32.58	100	300	P	V
		5457.6	41.57	-12.43	54	28.29	34.81	11.06	32.59	100	300	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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	50.93	-17.37	68.3	48.39	39.44	14.15	51.05	-	-	P	H
		15540	50.13	-23.87	74	44.12	41.82	16.85	52.66	-	-	P	H
		10360	49.91	-18.39	68.3	47.37	39.44	14.15	51.05	-	-	P	V
		15540	50.2	-23.8	74	44.19	41.82	16.85	52.66	-	-	P	V
802.11a CH 44 5220MHz		10440	49.87	-18.43	68.3	47.26	39.48	14.2	51.07	-	-	P	H
		15660	50.1	-23.9	74	44.13	41.9	16.95	52.88	-	-	P	H
		10440	49.76	-18.54	68.3	47.15	39.48	14.2	51.07	-	-	P	V
		15660	49.69	-24.31	74	43.72	41.9	16.95	52.88	-	-	P	V
802.11a CH 48 5240MHz		10480	50.32	-17.98	68.3	47.7	39.49	14.22	51.09	-	-	P	H
		15720	48.85	-25.15	74	42.94	41.93	16.98	53	-	-	P	H
		10480	50.85	-17.45	68.3	48.23	39.49	14.22	51.09	-	-	P	V
		15720	49.33	-24.67	74	43.42	41.93	16.98	53	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		5149.5	62.9	-11.1	74	49.47	34.87	11.09	32.53	100	294	P	H
		5150	49.74	-4.26	54	36.31	34.87	11.09	32.53	100	294	A	H
	*	5180	103.9	-	-	90.51	34.86	11.07	32.54	100	294	P	H
		5180	97.34	-	-	83.95	34.86	11.07	32.54	100	294	A	H
		5149.24	65.56	-8.44	74	52.13	34.87	11.09	32.53	378	271	P	V
		5150	48.89	-5.11	54	35.46	34.87	11.09	32.53	378	271	A	V
	*	5180	102.96	-	-	89.57	34.86	11.07	32.54	378	271	P	V
		5180	96.66	-	-	83.27	34.86	11.07	32.54	378	271	A	V
802.11n HT20 CH 44 5220MHz		5026.78	52.1	-21.9	74	38.56	34.89	11.16	32.51	100	293	P	H
		5148.2	42.56	-11.44	54	29.13	34.87	11.09	32.53	100	293	A	H
	*	5220	106.79	-	-	93.43	34.86	11.05	32.55	100	293	P	H
		5220	100.11	-	-	86.75	34.86	11.05	32.55	100	293	A	H
		5450.64	51.3	-22.7	74	38.02	34.81	11.06	32.59	100	293	P	H
		5356.8	41.63	-12.37	54	28.44	34.83	10.93	32.57	100	293	A	H
		5050.18	51.58	-22.42	74	38.06	34.89	11.14	32.51	371	258	P	V
		5139.88	42.06	-11.94	54	28.63	34.87	11.09	32.53	371	258	A	V
	*	5220	104.76	-	-	91.4	34.86	11.05	32.55	371	258	P	V
		5220	98.03	-	-	84.67	34.86	11.05	32.55	371	258	A	V
	5367.36	51.52	-22.48	74	38.33	34.83	10.93	32.57	371	258	P	V	
	5389.68	41.62	-12.38	54	28.48	34.82	10.9	32.58	371	258	A	V	
802.11n HT20 CH 48 5240MHz		5090.22	52.47	-21.53	74	38.99	34.88	11.12	32.52	100	294	P	H
		5148.46	42	-12	54	28.57	34.87	11.09	32.53	100	294	A	H
	*	5240	106.92	-	-	93.6	34.85	11.02	32.55	100	294	P	H
		5240	100.7	-	-	87.38	34.85	11.02	32.55	100	294	A	H
		5402.64	52.34	-21.66	74	39.2	34.82	10.9	32.58	100	294	P	H
		5404.08	41.97	-12.03	54	28.83	34.82	10.9	32.58	100	294	A	H
		5109.72	52.03	-21.97	74	38.55	34.88	11.12	32.52	346	278	P	V
		5131.3	41.96	-12.04	54	28.53	34.87	11.09	32.53	346	278	A	V
	*	5240	105.34	-	-	92.02	34.85	11.02	32.55	346	278	P	V
	5240	98.96	-	-	85.64	34.85	11.02	32.55	346	278	A	V	



		5354.16	50.82	-23.18	74	37.63	34.83	10.93	32.57	346	278	P	V
		5408.16	41.65	-12.35	54	28.51	34.82	10.9	32.58	346	278	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)	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		10360	49.35	-18.95	68.3	46.81	39.44	14.15	51.05	-	-	P	H
		15540	49.8	-24.2	74	43.79	41.82	16.85	52.66	-	-	P	H
5180MHz CH 36		10360	48.71	-19.59	68.3	46.17	39.44	14.15	51.05	-	-	P	V
		15540	49.12	-24.88	74	43.11	41.82	16.85	52.66	-	-	P	V
802.11n HT20		10440	49.34	-18.96	68.3	46.73	39.48	14.2	51.07	-	-	P	H
		15660	48.89	-25.11	74	42.92	41.9	16.95	52.88	-	-	P	H
5220MHz CH 44		10440	50.58	-17.72	68.3	47.97	39.48	14.2	51.07	-	-	P	V
		15660	48.79	-25.21	74	42.82	41.9	16.95	52.88	-	-	P	V
802.11n HT20		10480	49.91	-18.39	68.3	47.29	39.49	14.22	51.09	-	-	P	H
		15720	49.72	-24.28	74	43.81	41.93	16.98	53	-	-	P	H
5240MHz CH 48		10480	49.21	-19.09	68.3	46.59	39.49	14.22	51.09	-	-	P	V
		15720	49.18	-24.82	74	43.27	41.93	16.98	53	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		5150.02	65.14	-3.16	68.3	51.71	34.87	11.09	32.53	100	297	P	H
		5149.24	49.48	-4.52	54	36.05	34.87	11.09	32.53	100	297	A	H
	*	5190	98.82	-	-	85.43	34.86	11.07	32.54	100	297	P	H
		5190	91.65	-	-	78.26	34.86	11.07	32.54	100	297	A	H
		5362	51.95	-22.05	74	38.76	34.83	10.93	32.57	100	297	P	H
		5353.04	42.69	-11.31	54	29.5	34.83	10.93	32.57	100	297	A	H
		5149.5	58.64	-15.36	74	45.21	34.87	11.09	32.53	334	260	P	V
		5149.24	46.04	-7.96	54	32.61	34.87	11.09	32.53	334	260	A	V
	*	5190	95.92	-	-	82.53	34.86	11.07	32.54	334	260	P	V
		5190	88.68	-	-	75.29	34.86	11.07	32.54	334	260	A	V
		5431.16	51.42	-22.58	74	38.14	34.81	11.06	32.59	334	260	P	V
		5351.36	42.47	-11.53	54	29.28	34.83	10.93	32.57	334	260	A	V
802.11n HT40 CH 46 5230MHz		5144.82	58.83	-15.17	74	45.4	34.87	11.09	32.53	100	295	P	H
		5149.5	48.37	-5.63	54	34.94	34.87	11.09	32.53	100	295	A	H
	*	5230	103.53	-	-	90.18	34.85	11.05	32.55	100	295	P	H
		5230	96.52	-	-	83.17	34.85	11.05	32.55	100	295	A	H
		5351.28	56.15	-17.85	74	42.96	34.83	10.93	32.57	100	295	P	H
		5350.32	45.49	-8.51	54	32.3	34.83	10.93	32.57	100	295	A	H
		5144.82	55.04	-18.96	74	41.61	34.87	11.09	32.53	330	270	P	V
		5147.42	44.65	-9.35	54	31.22	34.87	11.09	32.53	330	270	A	V
	*	5230	102.55	-	-	89.2	34.85	11.05	32.55	330	270	P	V
		5230	95.81	-	-	82.46	34.85	11.05	32.55	330	270	A	V
	5358.72	55.06	-18.94	74	41.87	34.83	10.93	32.57	330	270	P	V	
	5351.04	44.45	-9.55	54	31.26	34.83	10.93	32.57	330	270	A	V	

Remark
 1. No other spurious found.
 2. All results are PASS against Peak and Average limit line.



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		10380	49.87	-18.43	68.3	47.29	39.45	14.18	51.05	-	-	P	H
HT40		15570	48.86	-25.14	74	42.86	41.84	16.88	52.72	-	-	P	H
CH 38		10380	49.8	-18.5	68.3	47.22	39.45	14.18	51.05	-	-	P	V
5190MHz		15570	49.31	-24.69	74	43.31	41.84	16.88	52.72	-	-	P	V
802.11n		10460	49.31	-18.99	68.3	46.69	39.48	14.22	51.08	-	-	P	H
HT40		15690	48.6	-25.4	74	42.65	41.91	16.98	52.94	-	-	P	H
CH 46		10460	49.23	-19.07	68.3	46.61	39.48	14.22	51.08	-	-	P	V
5230MHz		15690	49.02	-24.98	74	43.07	41.91	16.98	52.94	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		5145.08	58.98	-15.02	74	45.55	34.87	11.09	32.53	100	297	P	H
		5148.98	49.75	-4.25	54	36.32	34.87	11.09	32.53	100	297	A	H
		5210	95	-	-	81.63	34.86	11.05	32.54	100	297	P	H
		5210	88.8	-	-	75.43	34.86	11.05	32.54	100	297	A	H
		5410.08	52.45	-21.55	74	39.31	34.82	10.9	32.58	100	297	P	H
		5395.68	44.09	-9.91	54	30.95	34.82	10.9	32.58	100	297	A	H
		5140.66	52.87	-21.13	74	39.44	34.87	11.09	32.53	372	275	P	V
		5149.76	45.85	-8.15	54	32.42	34.87	11.09	32.53	372	275	A	V
		5210	92.52	-	-	79.15	34.86	11.05	32.54	372	275	P	V
		5210	86.06	-	-	72.69	34.86	11.05	32.54	372	275	A	V
		5454.72	51.35	-22.65	74	38.07	34.81	11.06	32.59	372	275	P	V
	5362.56	44.13	-9.87	54	30.94	34.83	10.93	32.57	372	275	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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	50.39	-17.91	68.3	47.79	39.47	14.2	51.07	-	-	P	H
		15630	50.71	-23.29	74	44.77	41.88	16.91	52.85	-	-	P	H
		10420	50.64	-17.66	68.3	48.04	39.47	14.2	51.07	-	-	P	V
		15630	49.69	-24.31	74	43.75	41.88	16.91	52.85	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		5142.22	52.39	-21.61	74	38.96	34.87	11.09	32.53	100	294	P	H
		5140.66	42.21	-11.79	54	28.78	34.87	11.09	32.53	100	294	A	H
	*	5260	107.04	-	-	93.72	34.85	11.02	32.55	100	294	P	H
		5260	100.81	-	-	87.49	34.85	11.02	32.55	100	294	A	H
		5374.56	52.64	-21.36	74	39.45	34.83	10.93	32.57	100	294	P	H
		5358.72	42.43	-11.57	54	29.24	34.83	10.93	32.57	100	294	A	H
		5012.22	51.98	-22.02	74	38.43	34.9	11.16	32.51	106	301	P	V
		5042.64	42.08	-11.92	54	28.56	34.89	11.14	32.51	106	301	A	V
	*	5260	103.28	-	-	89.96	34.85	11.02	32.55	106	301	P	V
		5260	97.11	-	-	83.79	34.85	11.02	32.55	106	301	A	V
		5368.08	52.1	-21.9	74	38.91	34.83	10.93	32.57	106	301	P	V
		5358.72	41.27	-12.73	54	28.08	34.83	10.93	32.57	106	301	P	V
802.11a CH 60 5300MHz		5100.1	52.79	-21.21	74	39.31	34.88	11.12	32.52	100	293	P	H
		5148.75	42.39	-11.61	54	28.96	34.87	11.09	32.53	100	293	A	H
	*	5300	106.85	-	-	93.58	34.84	10.99	32.56	100	293	P	H
		5300	100.65	-	-	87.38	34.84	10.99	32.56	100	293	A	H
		5351.76	62.56	-11.44	74	49.37	34.83	10.93	32.57	100	293	P	H
		5350.32	48.15	-5.85	54	34.96	34.83	10.93	32.57	100	293	A	H
		5108.15	52.22	-21.78	74	38.74	34.88	11.12	32.52	104	301	P	V
		5059.85	42.16	-11.84	54	28.64	34.89	11.14	32.51	104	301	A	V
	*	5300	103.87	-	-	90.6	34.84	10.99	32.56	104	301	P	V
		5300	97.66	-	-	84.39	34.84	10.99	32.56	104	301	A	V
		5350.56	57.67	-16.33	74	44.48	34.83	10.93	32.57	104	301	P	V
		5350.08	44.66	-9.34	54	31.47	34.83	10.93	32.57	104	301	A	V
802.11a CH 64 5320MHz	*	5320	105.61	-	-	92.37	34.84	10.96	32.56	100	295	P	H
		5320	99.02	-	-	85.78	34.84	10.96	32.56	100	295	A	H
		5356.96	65.45	-8.55	74	52.26	34.83	10.93	32.57	100	295	P	H
		5350.08	50.92	-3.08	54	37.73	34.83	10.93	32.57	100	295	A	H
	*	5320	101.34	-	-	88.1	34.84	10.96	32.56	100	302	P	V



	5320	95.19	-	-	81.95	34.84	10.96	32.56	100	302	A	V
	5352.32	64.48	-9.52	74	51.29	34.83	10.93	32.57	100	302	P	V
	5350.56	47.03	-6.97	54	33.84	34.83	10.93	32.57	100	302	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.											

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	49.74	-18.56	68.3	47.1	39.5	14.25	51.11	-	-	P	H
		15780	50.68	-23.32	74	44.77	41.97	17.04	53.1	-	-	P	H
		10520	50.37	-17.93	68.3	47.73	39.5	14.25	51.11	-	-	P	V
		15780	50.38	-23.62	74	44.47	41.97	17.04	53.1	-	-	P	V
802.11a CH 60 5300MHz		10600	50.53	-23.47	74	47.92	39.48	14.29	51.16	-	-	P	H
		15900	50.21	-23.79	74	44.34	42.04	17.14	53.31	-	-	P	H
		10600	49.67	-24.33	74	47.06	39.48	14.29	51.16	-	-	P	V
		15900	49.61	-24.39	74	43.74	42.04	17.14	53.31	-	-	P	V
802.11a CH 64 5320MHz		10640	48.81	-25.19	74	46.2	39.47	14.32	51.18	-	-	P	H
		15960	50.29	-23.71	74	44.45	42.08	17.2	53.44	-	-	P	H
		10640	49.02	-24.98	74	46.41	39.47	14.32	51.18	-	-	P	V
		15960	49.73	-24.27	74	43.89	42.08	17.2	53.44	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		5112.32	52.11	-21.89	74	38.63	34.88	11.12	32.52	100	293	P	H
		5140.14	41.94	-12.06	54	28.51	34.87	11.09	32.53	100	293	A	H
	*	5260	105.69	-	-	92.37	34.85	11.02	32.55	100	293	P	H
		5260	99.08	-	-	85.76	34.85	11.02	32.55	100	293	A	H
		5382.24	51.4	-22.6	74	38.23	34.82	10.93	32.58	100	293	P	H
		5351.76	42.07	-11.93	54	28.88	34.83	10.93	32.57	100	293	A	H
		5047.84	51.35	-22.65	74	37.83	34.89	11.14	32.51	343	270	P	V
		5127.92	42.12	-11.88	54	28.69	34.87	11.09	32.53	343	270	A	V
	*	5260	103.95	-	-	90.63	34.85	11.02	32.55	343	270	P	V
		5260	97.69	-	-	84.37	34.85	11.02	32.55	343	270	A	V
		5421.36	51.22	-22.78	74	38.08	34.82	10.9	32.58	343	270	P	V
		5360.64	41.73	-12.27	54	28.54	34.83	10.93	32.57	343	270	A	V
802.11n HT20 CH 60 5300MHz		5048.65	52.3	-21.7	74	38.78	34.89	11.14	32.51	100	293	P	H
		5041.3	42.17	-11.83	54	28.65	34.89	11.14	32.51	100	293	A	H
	*	5300	106.03	-	-	92.76	34.84	10.99	32.56	100	293	P	H
		5300	99.8	-	-	86.53	34.84	10.99	32.56	100	293	A	H
		5350.56	61.63	-12.37	74	48.44	34.83	10.93	32.57	100	293	P	H
		5350.32	46.27	-7.73	54	33.08	34.83	10.93	32.57	100	293	A	H
		5029.05	51.96	-22.04	74	38.42	34.89	11.16	32.51	400	273	P	V
		5137.9	41.95	-12.05	54	28.52	34.87	11.09	32.53	400	273	A	V
	*	5300	104.08	-	-	90.81	34.84	10.99	32.56	400	273	P	V
		5300	97.85	-	-	84.58	34.84	10.99	32.56	400	273	A	V
	5351.52	54.65	-19.35	74	41.46	34.83	10.93	32.57	400	273	P	V	
	5350.08	42.9	-11.1	54	29.71	34.83	10.93	32.57	400	273	A	V	
802.11n HT20 CH 64 5320MHz	*	5320	105.88	-	-	92.64	34.84	10.96	32.56	105	296	P	H
		5320	98.69	-	-	85.45	34.84	10.96	32.56	105	296	A	H
		5351.2	65.25	-8.75	74	52.06	34.83	10.93	32.57	105	296	P	H
		5350.08	50.16	-3.84	54	36.97	34.83	10.93	32.57	105	296	A	H
	*	5320	103.69	-	-	90.45	34.84	10.96	32.56	319	271	P	V
	5320	96.54	-	-	83.3	34.84	10.96	32.56	319	271	A	V	



		5350.72	62.84	-11.16	74	49.65	34.83	10.93	32.57	319	271	P	V
		5350.08	47.85	-6.15	54	34.66	34.83	10.93	32.57	319	271	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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		10520	49.94	-18.36	68.3	47.3	39.5	14.25	51.11	-	-	P	H
HT20		15780	49.65	-24.35	74	43.74	41.97	17.04	53.1	-	-	P	H
CH 52		10520	49.99	-18.31	68.3	47.35	39.5	14.25	51.11	-	-	P	V
5260MHz		15780	50.07	-23.93	74	44.16	41.97	17.04	53.1	-	-	P	V
802.11n		10600	50.1	-23.9	74	47.49	39.48	14.29	51.16	-	-	P	H
HT20		15900	49.83	-24.17	74	43.96	42.04	17.14	53.31	-	-	P	H
CH 60		10600	49.5	-24.5	74	46.89	39.48	14.29	51.16	-	-	P	V
5300MHz		15900	50.17	-23.83	74	44.3	42.04	17.14	53.31	-	-	P	V
802.11n		10640	49.77	-24.23	74	47.16	39.47	14.32	51.18	-	-	P	H
HT20		15960	50.28	-23.72	74	44.44	42.08	17.2	53.44	-	-	P	H
CH 64		10640	49.17	-24.83	74	46.56	39.47	14.32	51.18	-	-	P	V
5320MHz		15960	49.65	-24.35	74	43.81	42.08	17.2	53.44	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		5112.35	53.81	-20.19	74	40.33	34.88	11.12	32.52	100	295	P	H
		5148.05	43.31	-10.69	54	29.88	34.87	11.09	32.53	100	295	A	H
	*	5270	102.94	-	-	89.62	34.85	11.02	32.55	100	295	P	H
		5270	95.52	-	-	82.2	34.85	11.02	32.55	100	295	A	H
		5351.04	62.28	-11.72	74	49.09	34.83	10.93	32.57	100	295	P	H
		5350.8	49.95	-4.05	54	36.76	34.83	10.93	32.57	100	295	A	H
		5078.05	52.13	-21.87	74	38.65	34.88	11.12	32.52	324	270	P	V
		5094.85	42.95	-11.05	54	29.47	34.88	11.12	32.52	324	270	A	V
	*	5270	101.48	-	-	88.16	34.85	11.02	32.55	324	270	P	V
		5270	94.45	-	-	81.13	34.85	11.02	32.55	324	270	A	V
		5350.56	56.82	-17.18	74	43.63	34.83	10.93	32.57	324	270	P	V
		5350.32	45.96	-8.04	54	32.77	34.83	10.93	32.57	324	270	A	V
802.11n HT40 CH 62 5310MHz		5024.85	52.24	-21.76	74	38.69	34.9	11.16	32.51	100	295	P	H
		5048.65	42.88	-11.12	54	29.36	34.89	11.14	32.51	100	295	A	H
	*	5310	98.47	-	-	85.23	34.84	10.96	32.56	100	295	P	H
		5310	91.71	-	-	78.47	34.84	10.96	32.56	100	295	A	H
		5350.08	64.53	-9.47	74	51.34	34.83	10.93	32.57	100	295	P	H
		5350.08	49.42	-4.58	54	36.23	34.83	10.93	32.57	100	295	A	H
		5102.9	52.19	-21.81	74	38.71	34.88	11.12	32.52	321	261	P	V
		5089.6	42.82	-11.18	54	29.34	34.88	11.12	32.52	321	261	A	V
	*	5310	97.45	-	-	84.21	34.84	10.96	32.56	321	261	P	V
		5310	90.79	-	-	77.55	34.84	10.96	32.56	321	261	A	V
	5350.8	60.08	-13.92	74	46.89	34.83	10.93	32.57	321	261	P	V	
	5350.56	47.2	-6.8	54	34.01	34.83	10.93	32.57	321	261	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		10540	49.87	-18.43	68.3	47.23	39.49	14.27	51.12	-	-	P	H
HT40		15810	49.22	-24.78	74	43.32	41.99	17.07	53.16	-	-	P	H
CH 54		10540	49.2	-19.1	68.3	46.56	39.49	14.27	51.12	-	-	P	V
5270MHz		15810	49.94	-24.06	74	44.04	41.99	17.07	53.16	-	-	P	V
802.11n		10620	49.46	-24.54	74	46.83	39.48	14.32	51.17	-	-	P	H
HT40		15930	49.72	-24.28	74	43.87	42.06	17.17	53.38	-	-	P	H
CH 62		10620	49.94	-24.06	74	47.31	39.48	14.32	51.17	-	-	P	V
5310MHz		15930	49.95	-24.05	74	44.1	42.06	17.17	53.38	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		5014.7	52.67	-21.33	74	39.12	34.9	11.16	32.51	100	295	P	H
		5064.05	44.51	-9.49	54	31	34.89	11.14	32.52	100	295	A	H
		5290	94.48	-	-	81.21	34.84	10.99	32.56	100	295	P	H
		5290	87.96	-	-	74.69	34.84	10.99	32.56	100	295	A	H
		5354.16	56.24	-17.76	74	43.05	34.83	10.93	32.57	100	295	P	H
		5350.08	49.88	-4.12	54	36.69	34.83	10.93	32.57	100	295	A	H
		5125.3	51.33	-22.67	74	37.9	34.87	11.09	32.53	360	273	P	V
		5133.35	44.11	-9.89	54	30.68	34.87	11.09	32.53	360	273	A	V
		5290	93.03	-	-	79.76	34.84	10.99	32.56	360	273	P	V
		5290	86.91	-	-	73.64	34.84	10.99	32.56	360	273	A	V
	5350.32	52.93	-21.07	74	39.74	34.83	10.93	32.57	360	273	P	V	
	5350.08	45.3	-8.7	54	32.11	34.83	10.93	32.57	360	273	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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 VHT80 CH 58 5290MHz		10580	50.17	-18.13	68.3	47.55	39.48	14.29	51.15	-	-	P	H
		15870	50.9	-23.1	74	45.06	42.02	17.1	53.28	-	-	P	H
		10580	50.11	-18.19	68.3	47.49	39.48	14.29	51.15	-	-	P	V
		15870	50.03	-23.97	74	44.19	42.02	17.1	53.28	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		5457.52	58.9	-15.1	74	45.62	34.81	11.06	32.59	100	296	P	H
		5466.96	64.32	-3.98	68.3	50.88	34.81	11.22	32.59	100	296	P	H
		5459.92	46	-8	54	32.72	34.81	11.06	32.59	100	296	A	H
	*	5500	106.32	-	-	92.9	34.8	11.22	32.6	100	296	P	H
		5500	100.25	-	-	86.83	34.8	11.22	32.6	100	296	A	H
		5459.92	58.31	-15.69	74	45.03	34.81	11.06	32.59	100	301	P	V
		5469.68	63.43	-4.87	68.3	49.99	34.81	11.22	32.59	100	301	P	V
		5459.76	44.82	-9.18	54	31.54	34.81	11.06	32.59	100	301	A	V
	*	5500	100.56	-	-	87.14	34.8	11.22	32.6	100	301	P	V
		5500	94.09	-	-	80.67	34.8	11.22	32.6	100	301	A	V
802.11a CH 116 5580MHz		5409.52	51.28	-22.72	74	38.14	34.82	10.9	32.58	100	295	P	H
		5463.04	51.35	-16.95	68.3	38.07	34.81	11.06	32.59	100	295	P	H
		5438.56	41.97	-12.03	54	28.69	34.81	11.06	32.59	100	295	A	H
	*	5580	108.26	-	-	94.4	34.91	11.55	32.6	100	295	P	H
		5580	101.5	-	-	87.64	34.91	11.55	32.6	100	295	A	H
		5742.95	52.44	-15.86	68.3	38.26	35.14	11.64	32.6	100	295	P	H
		5384.56	51.66	-22.34	74	38.49	34.82	10.93	32.58	105	301	P	V
		5470	50.66	-17.64	68.3	37.22	34.81	11.22	32.59	105	301	P	V
		5456.8	41.55	-12.45	54	28.27	34.81	11.06	32.59	105	301	A	V
	*	5580	103.53	-	-	89.67	34.91	11.55	32.6	105	301	P	V
	5580	97.32	-	-	83.46	34.91	11.55	32.6	105	301	A	V	
	5730.35	52.42	-15.88	68.3	38.24	35.12	11.66	32.6	105	301	P	V	
802.11a CH 140 5700MHz	*	5700	104.9	-	-	90.76	35.08	11.66	32.6	100	297	P	H
		5700	98.71	-	-	84.57	35.08	11.66	32.6	100	297	A	H
		5725.08	65.09	-3.21	68.3	50.91	35.12	11.66	32.6	100	297	P	H
	*	5700	98.97	-	-	84.83	35.08	11.66	32.6	106	302	P	V
		5700	92.83	-	-	78.69	35.08	11.66	32.6	106	302	A	V
	5725.8	59.37	-8.93	68.3	45.19	35.12	11.66	32.6	106	302	P	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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	49.2	-24.8	74	46.67	39.4	14.53	51.4	-	-	P	H
		16500	51.47	-16.83	68.3	44.41	42.4	17.36	52.7	-	-	P	H
		11000	48.59	-25.41	74	46.06	39.4	14.53	51.4	-	-	P	V
		16500	50.42	-17.88	68.3	43.36	42.4	17.36	52.7	-	-	P	V
802.11a CH 116 5580MHz		11160	49.71	-24.29	74	46.8	39.53	14.65	51.27	-	-	P	H
		16740	50.2	-18.1	68.3	43.44	42.45	17.44	53.13	-	-	P	H
		11160	49.22	-24.78	74	46.31	39.53	14.65	51.27	-	-	P	V
		16740	49.97	-18.33	68.3	43.21	42.45	17.44	53.13	-	-	P	V
802.11a CH 140 5700MHz		11400	50.19	-23.81	74	46.76	39.72	14.79	51.08	-	-	P	H
		17100	50.48	-17.82	68.3	44.01	42.46	17.53	53.52	-	-	P	H
		11400	49.44	-24.56	74	46.01	39.72	14.79	51.08	-	-	P	V
		17100	49.64	-18.66	68.3	43.17	42.46	17.53	53.52	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		5454	58.6	-15.4	74	45.32	34.81	11.06	32.59	100	294	P	H
		5468.4	64.77	-3.53	68.3	51.33	34.81	11.22	32.59	100	294	P	H
		5459.76	43.58	-10.42	54	30.3	34.81	11.06	32.59	100	294	A	H
	*	5500	104.29	-	-	90.87	34.8	11.22	32.6	100	294	P	H
		5500	96.76	-	-	83.34	34.8	11.22	32.6	100	294	A	H
		5459.28	56.81	-17.19	74	43.53	34.81	11.06	32.59	353	266	P	V
		5466.8	60.13	-8.17	68.3	46.69	34.81	11.22	32.59	353	266	P	V
		5454.96	42.38	-11.62	54	29.1	34.81	11.06	32.59	353	266	A	V
	*	5500	101.61	-	-	88.19	34.8	11.22	32.6	353	266	P	V
	5500	94.7	-	-	81.28	34.8	11.22	32.6	353	266	A	V	
802.11n HT20 CH 104 5520MHz		5456.08	58.3	-15.7	74	45.02	34.81	11.06	32.59	100	293	P	H
		5470	61.66	-6.64	68.3	48.22	34.81	11.22	32.59	100	293	P	H
		5459.44	46.07	-7.93	54	32.79	34.81	11.06	32.59	100	293	A	H
	*	5520	108.26	-	-	94.64	34.83	11.39	32.6	100	293	P	H
		5520	100.93	-	-	87.31	34.83	11.39	32.6	100	293	A	H
		5456.56	54.99	-19.01	74	41.71	34.81	11.06	32.59	335	261	P	V
		5470	58.09	-10.21	68.3	44.65	34.81	11.22	32.59	335	261	P	V
		5459.12	44.63	-9.37	54	31.35	34.81	11.06	32.59	335	261	A	V
	*	5520	106.2	-	-	92.58	34.83	11.39	32.6	335	261	P	V
	5520	98.86	-	-	85.24	34.83	11.39	32.6	335	261	A	V	
802.11n HT20 CH 116 5580MHz		5444.32	52.69	-21.31	74	39.41	34.81	11.06	32.59	100	295	P	H
		5469.52	52.72	-15.58	68.3	39.28	34.81	11.22	32.59	100	295	P	H
		5459.44	42.2	-11.8	54	28.92	34.81	11.06	32.59	100	295	A	H
	*	5580	107.03	-	-	93.17	34.91	11.55	32.6	100	295	P	H
		5580	100.33	-	-	86.47	34.91	11.55	32.6	100	295	A	H
		5742.635	52.75	-15.55	68.3	38.57	35.14	11.64	32.6	100	295	P	H
		5379.76	52.6	-21.4	74	39.43	34.82	10.93	32.58	360	266	P	V
		5469.52	52.06	-16.24	68.3	38.62	34.81	11.22	32.59	360	266	P	V
		5457.28	42	-12	54	28.72	34.81	11.06	32.59	360	266	A	V
	*	5580	106.58	-	-	92.72	34.91	11.55	32.6	360	266	P	V
		5580	99.08	-	-	85.22	34.91	11.55	32.6	360	266	A	V
		5759.015	52.69	-15.61	68.3	38.49	35.16	11.64	32.6	360	266	P	V
802.11n HT20 CH 136 5680MHz		5680	107.5	-	-	93.38	35.05	11.67	32.6	100	293	P	H
		5680	100.71	-	-	86.59	35.05	11.67	32.6	100	293	A	H
		5725.48	63.82	-4.48	68.3	49.64	35.12	11.66	32.6	100	293	P	H
		5680	105.06	-	-	90.94	35.05	11.67	32.6	331	261	P	V
		5680	97.38	-	-	83.26	35.05	11.67	32.6	331	261	A	V
		5725.08	60.87	-7.43	68.3	46.69	35.12	11.66	32.6	331	261	P	V



802.11n HT20 CH 140 5700MHz	*	5700	103.18	-	-	89.04	35.08	11.66	32.6	100	295	P	H
		5700	96.29	-	-	82.15	35.08	11.66	32.6	100	295	A	H
		5725.16	63.46	-4.84	68.3	49.28	35.12	11.66	32.6	100	295	P	H
	*	5700	100.77	-	-	86.63	35.08	11.66	32.6	295	262	P	V
		5700	93.58	-	-	79.44	35.08	11.66	32.6	295	262	A	V
		5725	61.5	-6.8	68.3	47.33	35.11	11.66	32.6	295	262	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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	48.51	-25.49	74	45.98	39.4	14.53	51.4	-	-	P	H
		16500	51	-17.3	68.3	43.94	42.4	17.36	52.7	-	-	P	H
802.11n HT20 CH 116 5580MHz		11000	48.99	-25.01	74	46.46	39.4	14.53	51.4	-	-	P	V
		16500	51.7	-16.6	68.3	44.64	42.4	17.36	52.7	-	-	P	V
802.11n HT20 CH 140 5700MHz		11160	49.16	-24.84	74	46.25	39.53	14.65	51.27	-	-	P	H
		16740	50.44	-17.86	68.3	43.68	42.45	17.44	53.13	-	-	P	H
802.11n HT20 CH 140 5700MHz		11160	49.35	-24.65	74	46.44	39.53	14.65	51.27	-	-	P	V
		16740	51.53	-16.77	68.3	44.77	42.45	17.44	53.13	-	-	P	V
802.11n HT20 CH 140 5700MHz		11400	49.5	-24.5	74	46.07	39.72	14.79	51.08	-	-	P	H
		17100	49.56	-18.74	68.3	43.09	42.46	17.53	53.52	-	-	P	H
		11400	50.53	-23.47	74	47.1	39.72	14.79	51.08	-	-	P	V
		17100	49.72	-18.58	68.3	43.25	42.46	17.53	53.52	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		5457.52	57.19	-16.81	74	43.91	34.81	11.06	32.59	100	295	P	H
		5470	65.15	-3.15	68.3	51.71	34.81	11.22	32.59	100	295	P	H
		5459.44	45.51	-8.49	54	32.23	34.81	11.06	32.59	100	295	A	H
	*	5510	102.03	-	-	88.43	34.81	11.39	32.6	100	295	P	H
		5510	95.12	-	-	81.52	34.81	11.39	32.6	100	295	A	H
		5727.515	52.68	-15.62	68.3	38.5	35.12	11.66	32.6	100	295	P	H
		5457.76	55.5	-18.5	74	42.22	34.81	11.06	32.59	313	260	P	V
		5469.76	62.7	-5.6	68.3	49.26	34.81	11.22	32.59	313	260	P	V
		5459.2	43.71	-10.29	54	30.43	34.81	11.06	32.59	313	260	A	V
	*	5510	100.06	-	-	86.46	34.81	11.39	32.6	313	260	P	V
		5510	92.78	-	-	79.18	34.81	11.39	32.6	313	260	A	V
	5735.39	52.77	-15.53	68.3	38.58	35.13	11.66	32.6	313	260	P	V	
802.11n HT40 CH 110 5550MHz		5453.92	60.07	-13.93	74	46.79	34.81	11.06	32.59	100	294	P	H
		5469.76	62.1	-6.2	68.3	48.66	34.81	11.22	32.59	100	294	P	H
		5458.96	49.01	-4.99	54	35.73	34.81	11.06	32.59	100	294	A	H
	*	5550	105.8	-	-	91.98	34.87	11.55	32.6	100	294	P	H
		5550	98.01	-	-	84.19	34.87	11.55	32.6	100	294	A	H
		5762.165	53.01	-15.29	68.3	38.8	35.17	11.64	32.6	100	294	P	H
		5458.72	59.67	-14.33	74	46.39	34.81	11.06	32.59	327	259	P	V
		5470	59.66	-8.64	68.3	46.22	34.81	11.22	32.59	327	259	P	V
		5459.92	47.28	-6.72	54	34	34.81	11.06	32.59	327	259	A	V
	*	5550	104.34	-	-	90.52	34.87	11.55	32.6	327	259	P	V
		5550	96.96	-	-	83.14	34.87	11.55	32.6	327	259	A	V
	5753.66	52.97	-15.33	68.3	38.77	35.16	11.64	32.6	327	259	P	V	
802.11n HT40 CH 126 5630MHz		5414.56	51.74	-22.26	74	38.6	34.82	10.9	32.58	100	295	P	H
		5467.12	52.69	-15.61	68.3	39.25	34.81	11.22	32.59	100	295	P	H
		5453.92	42.63	-11.37	54	29.35	34.81	11.06	32.59	100	295	A	H
	*	5630	104.41	-	-	90.34	34.98	11.69	32.6	100	295	P	H
		5630	97.32	-	-	83.25	34.98	11.69	32.6	100	295	A	H
		5725.625	61.5	-6.8	68.3	47.32	35.12	11.66	32.6	100	295	P	H
		5455.36	52.21	-21.79	74	38.93	34.81	11.06	32.59	340	261	P	V
		5468.08	51.5	-16.8	68.3	38.06	34.81	11.22	32.59	340	261	P	V
		5458	42.65	-11.35	54	29.37	34.81	11.06	32.59	340	261	A	V
	*	5630	102.85	-	-	88.78	34.98	11.69	32.6	340	261	P	V
		5630	95.61	-	-	81.54	34.98	11.69	32.6	340	261	A	V
	5727.2	58.39	-9.91	68.3	44.21	35.12	11.66	32.6	340	261	P	V	



802.11n HT40 CH 134 5670MHz		5456.75	51.58	-22.42	74	38.3	34.81	11.06	32.59	100	296	P	H
		5461.3	50.82	-17.48	68.3	37.54	34.81	11.06	32.59	100	296	P	H
		5458.85	42.59	-11.41	54	29.31	34.81	11.06	32.59	100	296	A	H
	*	5670	102.96	-	-	88.85	35.04	11.67	32.6	100	296	P	H
		5670	96.75	-	-	82.64	35.04	11.67	32.6	100	296	A	H
		5725.275	64.99	-3.31	68.3	50.81	35.12	11.66	32.6	100	296	P	H
		5448.35	50.87	-23.13	74	37.59	34.81	11.06	32.59	346	275	P	V
		5459.9	50.49	-23.51	74	37.21	34.81	11.06	32.59	346	275	P	V
		5411.95	42.27	-11.73	54	29.13	34.82	10.9	32.58	346	275	A	V
	*	5670	99.91	-	-	85.8	35.04	11.67	32.6	346	275	P	V
		5670	93.75	-	-	79.64	35.04	11.67	32.6	346	275	A	V
		5725.625	60.75	-7.55	68.3	46.57	35.12	11.66	32.6	346	275	P	V

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 HT40 CH 102		11020	48.57	-25.43	74	45.99	39.42	14.55	51.39	-	-	P	H
		16530	50.53	-17.77	68.3	43.51	42.41	17.37	52.76	-	-	P	H
5510MHz		11020	49.79	-24.21	74	47.21	39.42	14.55	51.39	-	-	P	V
		16530	50.11	-18.19	68.3	43.09	42.41	17.37	52.76	-	-	P	V
802.11n HT40 CH 110 5550MHz		11100	48.92	-25.08	74	46.16	39.48	14.6	51.32	-	-	P	H
		16650	49.63	-18.67	68.3	42.78	42.43	17.4	52.98	-	-	P	H
		11100	48.84	-25.16	74	46.08	39.48	14.6	51.32	-	-	P	V
		16650	50.43	-17.87	68.3	43.58	42.43	17.4	52.98	-	-	P	V
802.11n HT40 CH 134 5670MHz		11340	49.07	-24.93	74	45.79	39.67	14.74	51.13	-	-	P	H
		17010	49.73	-18.57	68.3	43.31	42.5	17.51	53.59	-	-	P	H
		11340	50.03	-23.97	74	46.75	39.67	14.74	51.13	-	-	P	V
		17010	49.76	-18.54	68.3	43.34	42.5	17.51	53.59	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		5454.4	57.83	-16.17	74	44.55	34.81	11.06	32.59	100	296	P	H
		5469.76	61.18	-7.12	68.3	47.74	34.81	11.22	32.59	100	296	P	H
		5458.72	49.83	-4.17	54	36.55	34.81	11.06	32.59	100	296	A	H
		5530	97.8	-	-	84.17	34.84	11.39	32.6	100	296	P	H
		5530	91.52	-	-	77.89	34.84	11.39	32.6	100	296	A	H
		5744.21	52.29	-16.01	68.3	38.11	35.14	11.64	32.6	100	296	P	H
		5459.2	53.91	-20.09	74	40.63	34.81	11.06	32.59	330	260	P	V
		5469.76	56.38	-11.92	68.3	42.94	34.81	11.22	32.59	330	260	P	V
		5457.52	46.88	-7.12	54	33.6	34.81	11.06	32.59	330	260	A	V
		5530	95.08	-	-	81.45	34.84	11.39	32.6	330	260	P	V
		5530	88.94	-	-	75.31	34.84	11.39	32.6	330	260	A	V
	5749.565	51.87	-16.43	68.3	37.68	35.15	11.64	32.6	330	260	P	V	
802.11ac VHT80 CH 122 5610MHz		5451.28	55.5	-18.5	74	42.22	34.81	11.06	32.59	100	295	P	H
		5468.8	56.9	-11.4	68.3	43.46	34.81	11.22	32.59	100	295	P	H
		5457.52	47.63	-6.37	54	34.35	34.81	11.06	32.59	100	295	A	H
		5610	101.16	-	-	87.1	34.95	11.71	32.6	100	295	P	H
		5610	94.75	-	-	80.69	34.95	11.71	32.6	100	295	A	H
		5732.625	64.68	-3.62	68.3	50.49	35.13	11.66	32.6	100	295	P	H
		5459.44	53.63	-20.37	74	40.35	34.81	11.06	32.59	335	260	P	V
		5462.8	54.46	-13.84	68.3	41.18	34.81	11.06	32.59	335	260	P	V
		5457.52	46.16	-7.84	54	32.88	34.81	11.06	32.59	335	260	A	V
		5610	98.37	-	-	84.31	34.95	11.71	32.6	335	260	P	V
		5610	91.91	-	-	77.85	34.95	11.71	32.6	335	260	A	V
	5726.85	61.57	-6.73	68.3	47.39	35.12	11.66	32.6	335	260	P	V	

Remark
 1. No other spurious found.
 2. All results are PASS against Peak and Average limit line.



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		11060	48.61	-25.39	74	45.93	39.45	14.58	51.35	-	-	P	H
VHT80		16590	50.43	-17.87	68.3	43.48	42.42	17.39	52.86	-	-	P	H
CH 106		11060	48.67	-25.33	74	45.99	39.45	14.58	51.35	-	-	P	V
5530MHz		16590	50.7	-17.6	68.3	43.75	42.42	17.39	52.86	-	-	P	V
802.11ac		11220	49.37	-24.63	74	46.35	39.58	14.67	51.23	-	-	P	H
VHT80		16830	49.52	-18.78	68.3	42.88	42.47	17.46	53.29	-	-	P	H
CH 122		11220	48.97	-25.03	74	45.95	39.58	14.67	51.23	-	-	P	V
5610MHz		16830	50.35	-17.95	68.3	43.71	42.47	17.46	53.29	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		5357.7	51.3	-22.7	74	38.11	34.83	10.93	32.57	100	295	P	H
		5463.3	50.52	-17.78	68.3	37.24	34.81	11.06	32.59	100	295	P	H
		5720	106.28	-	-	92.11	35.11	11.66	32.6	100	295	P	H
		5871.95	52.14	-16.16	68.3	37.93	35.32	11.49	32.6	100	295	P	H
		5460	41.43	-12.57	54	28.15	34.81	11.06	32.59	100	295	P	H
		5720	99.76	-	-	85.59	35.11	11.66	32.6	100	295	A	H
		5458.9	51.79	-22.21	74	38.51	34.81	11.06	32.59	358	266	P	V
		5462.2	51.26	-17.04	68.3	37.98	34.81	11.06	32.59	358	266	P	V
		5720	103.75	-	-	89.58	35.11	11.66	32.6	358	266	P	V
		5866.45	52.29	-16.01	68.3	38.09	35.31	11.49	32.6	358	266	P	V
		5460	41.4	-12.6	54	28.12	34.81	11.06	32.59	358	266	P	V
	5720	97.69	-	-	83.52	35.11	11.66	32.6	358	266	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Straddle Channel

WIFI 802.11a (Harmonic @ 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		11440	49.74	-24.26	74	46.23	39.75	14.81	51.05	-	-	P	H
		17160	49.52	-18.78	68.3	43.01	42.44	17.54	53.47	-	-	P	H
		11440	49.91	-24.09	74	46.4	39.75	14.81	51.05	-	-	P	V
		17160	50.56	-17.74	68.3	44.05	42.44	17.54	53.47	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		5456.15	51.11	-22.89	74	37.83	34.81	11.06	32.59	100	294	P	H
		5463.3	51.18	-17.12	68.3	37.9	34.81	11.06	32.59	100	294	P	H
		5720	106.62	-	-	92.45	35.11	11.66	32.6	100	294	P	H
		5895.6	52.96	-15.34	68.3	38.79	35.35	11.42	32.6	100	294	P	H
		5455.05	41.41	-12.59	54	28.13	34.81	11.06	32.59	100	294	P	H
		5720	100.38	-	-	86.21	35.11	11.66	32.6	100	294	A	H
		5415.45	52.05	-21.95	74	38.91	34.82	10.9	32.58	308	261	P	V
		5464.95	50.77	-17.53	68.3	37.49	34.81	11.06	32.59	308	261	P	V
		5720	104.78	-	-	90.61	35.11	11.66	32.6	308	261	P	V
		5869.2	52.08	-16.22	68.3	37.87	35.32	11.49	32.6	308	261	P	V
		5455.05	41.29	-12.71	54	28.01	34.81	11.06	32.59	308	261	P	V
	5720	97.67	-	-	83.5	35.11	11.66	32.6	308	261	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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	49.04	-24.96	74	45.53	39.75	14.81	51.05	-	-	P	H
		17160	49.42	-18.88	68.3	42.91	42.44	17.54	53.47	-	-	P	H
		11440	49.7	-24.3	74	46.19	39.75	14.81	51.05	-	-	P	V
		17160	49.23	-19.07	68.3	42.72	42.44	17.54	53.47	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		5439.1	51.35	-22.65	74	38.07	34.81	11.06	32.59	100	295	P	H
		5462.2	50.6	-17.7	68.3	37.32	34.81	11.06	32.59	100	295	P	H
		5710	103.86	-	-	89.71	35.09	11.66	32.6	100	295	P	H
		5859.3	52.45	-15.85	68.3	38.26	35.3	11.49	32.6	100	295	P	H
		5455.05	42.23	-11.77	54	28.95	34.81	11.06	32.59	100	295	P	H
		5710	97.34	-	-	83.19	35.09	11.66	32.6	100	295	A	H
		5417.65	51.46	-22.54	74	38.32	34.82	10.9	32.58	309	259	P	V
		5461.1	50.83	-17.47	68.3	37.55	34.81	11.06	32.59	309	259	P	V
		5710	102.16	-	-	88.01	35.09	11.66	32.6	309	259	P	V
		5858.75	52.56	-15.74	68.3	38.37	35.3	11.49	32.6	309	259	P	V
		5444.6	42.07	-11.93	54	28.79	34.81	11.06	32.59	309	259	P	V
	5710	95.65	-	-	81.5	35.09	11.66	32.6	309	259	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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	49.77	-24.23	74	46.31	39.74	14.79	51.07	-	-	P	H
		17130	49.33	-18.97	68.3	42.83	42.45	17.54	53.49	-	-	P	H
		11420	49.35	-24.65	74	45.89	39.74	14.79	51.07	-	-	P	V
		17130	48.8	-19.5	68.3	42.3	42.45	17.54	53.49	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		5391.25	51.6	-22.4	74	38.46	34.82	10.9	32.58	100	283	P	H
		5469.9	51.45	-16.85	68.3	38.01	34.81	11.22	32.59	100	283	P	H
		5690	99.13	-	-	84.99	35.07	11.67	32.6	100	283	P	H
		5850.5	53.38	-14.92	68.3	39.14	35.29	11.55	32.6	100	283	P	H
		5456.15	43.77	-10.23	54	30.49	34.81	11.06	32.59	100	283	P	H
		5690	93.34	-	-	79.2	35.07	11.67	32.6	100	283	A	H
		5421.5	51.6	-22.4	74	38.46	34.82	10.9	32.58	363	267	P	V
		5464.95	50.99	-17.31	68.3	37.71	34.81	11.06	32.59	363	267	P	V
		5690	97.05	-	-	82.91	35.07	11.67	32.6	363	267	P	V
		5893.95	52.52	-15.78	68.3	38.28	35.35	11.49	32.6	363	267	P	V
		5460	44.13	-9.87	54	30.85	34.81	11.06	32.59	363	267	P	V
	5690	91.01	-	-	76.87	35.07	11.67	32.6	363	267	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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 VHT80 CH 138 5690MHz		11380	49.64	-24.36	74	46.27	39.7	14.76	51.09	-	-	P	H
		17070	49.36	-18.94	68.3	42.92	42.47	17.52	53.55	-	-	P	H
		11380	49.5	-24.5	74	46.13	39.7	14.76	51.09	-	-	P	V
		17070	49.87	-18.43	68.3	43.43	42.47	17.52	53.55	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		5645.8	52.62	-15.68	68.3	38.53	35	11.69	32.6	100	289	P	H
		5698	59.11	-44.62	103.73	44.96	35.08	11.67	32.6	100	289	P	H
		5719.4	69.17	-41.46	110.63	55	35.11	11.66	32.6	100	289	P	H
		5725	75.37	-46.83	122.2	61.2	35.11	11.66	32.6	100	289	P	H
	*	5745	105.92	-	-	91.74	35.14	11.64	32.6	100	289	P	H
		5745	99.77	-	-	85.59	35.14	11.64	32.6	100	289	A	H
		5607.8	52.41	-15.89	68.3	38.35	34.95	11.71	32.6	304	272	P	V
		5694.2	57.86	-43.08	100.94	43.72	35.07	11.67	32.6	304	272	P	V
		5717	66.76	-43.2	109.96	52.6	35.1	11.66	32.6	304	272	P	V
		5724	73.68	-46.24	119.92	59.51	35.11	11.66	32.6	304	272	P	V
	*	5745	104.16	-	-	89.98	35.14	11.64	32.6	304	272	P	V
		5745	97.89	-	-	83.71	35.14	11.64	32.6	304	272	A	V
802.11a CH 157 5785MHz		5604.2	52.22	-16.08	68.3	38.16	34.95	11.71	32.6	100	288	P	H
		5694.2	53.13	-47.81	100.94	38.99	35.07	11.67	32.6	100	288	P	H
		5705.8	52.63	-54.2	106.83	38.48	35.09	11.66	32.6	100	288	P	H
		5723.4	53.38	-65.17	118.55	39.21	35.11	11.66	32.6	100	288	P	H
	*	5785	104.6	-	-	90.38	35.2	11.62	32.6	100	288	P	H
		5785	98.46	-	-	84.24	35.2	11.62	32.6	100	288	A	H
		5850.6	51.93	-68.9	120.83	37.69	35.29	11.55	32.6	100	288	P	H
		5869.6	52.44	-54.27	106.71	38.23	35.32	11.49	32.6	100	288	P	H
		5916.6	52.15	-22.24	74.39	37.95	35.38	11.42	32.6	100	288	P	H
		5934.6	51.89	-16.41	68.3	37.72	35.41	11.36	32.6	100	288	P	H
		5632.4	51.99	-16.31	68.3	37.91	34.99	11.69	32.6	302	273	P	V
		5664	52.35	-26.31	78.66	38.25	35.03	11.67	32.6	302	273	P	V
		5707.4	52.59	-54.68	107.27	38.44	35.09	11.66	32.6	302	273	P	V
		5724.6	52.49	-68.8	121.29	38.32	35.11	11.66	32.6	302	273	P	V
	*	5785	103.91	-	-	89.69	35.2	11.62	32.6	302	273	P	V
	5785	97.6	-	-	83.38	35.2	11.62	32.6	302	273	A	V	
	5850.6	51.17	-69.66	120.83	36.93	35.29	11.55	32.6	302	273	P	V	



		5856.6	52.1	-58.25	110.35	37.91	35.3	11.49	32.6	302	273	P	V
		5924.2	51.95	-16.84	68.79	37.74	35.39	11.42	32.6	302	273	P	V
		5947.8	52.48	-15.82	68.3	38.29	35.43	11.36	32.6	302	273	P	V
802.11a CH 165 5825MHz	*	5825	104.22	-	-	90.01	35.26	11.55	32.6	100	288	P	H
		5825	97.9	-	-	83.69	35.26	11.55	32.6	100	288	A	H
		5850.2	64.65	-57.09	121.74	50.41	35.29	11.55	32.6	100	288	P	H
		5855.4	64.5	-46.19	110.69	50.25	35.3	11.55	32.6	100	288	P	H
		5892.6	53.83	-38.31	92.14	39.59	35.35	11.49	32.6	100	288	P	H
		5938.8	51.85	-16.45	68.3	37.68	35.41	11.36	32.6	100	288	P	H
	*	5825	102.24	-	-	88.03	35.26	11.55	32.6	328	269	P	V
		5825	96	-	-	81.79	35.26	11.55	32.6	328	269	A	V
		5850.8	65.28	-55.1	120.38	51.04	35.29	11.55	32.6	328	269	P	V
		5855	60.58	-50.22	110.8	46.33	35.3	11.55	32.6	328	269	P	V
		5882.8	52.72	-46.69	99.41	38.49	35.34	11.49	32.6	328	269	P	V
		5936.4	53.37	-14.93	68.3	39.2	35.41	11.36	32.6	328	269	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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	50.32	-23.68	74	46.7	39.79	14.84	51.01	-	-	P	H
		17235	50.2	-18.1	68.3	43.64	42.41	17.56	53.41	-	-	P	H
		11490	50.63	-23.37	74	47.01	39.79	14.84	51.01	-	-	P	V
		17235	49.46	-18.84	68.3	42.9	42.41	17.56	53.41	-	-	P	V
802.11a CH 157 5785MHz		11570	50.04	-23.96	74	46.29	39.86	14.88	50.99	-	-	P	H
		17355	51.13	-17.17	68.3	44.49	42.36	17.6	53.32	-	-	P	H
		11570	50.4	-23.6	74	46.65	39.86	14.88	50.99	-	-	P	V
		17355	49.8	-18.5	68.3	43.16	42.36	17.6	53.32	-	-	P	V
802.11a CH 165 5825MHz		11650	49.88	-24.12	74	46	39.92	14.93	50.97	-	-	P	H
		17475	50.45	-17.85	68.3	43.74	42.31	17.63	53.23	-	-	P	H
		11650	50.71	-23.29	74	46.83	39.92	14.93	50.97	-	-	P	V
		17475	51.19	-17.11	68.3	44.48	42.31	17.63	53.23	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		5611.4	53.06	-15.24	68.3	38.99	34.96	11.71	32.6	100	289	P	H
		5697.2	60.97	-42.17	103.14	46.82	35.08	11.67	32.6	100	289	P	H
		5720	71.83	-38.97	110.8	57.66	35.11	11.66	32.6	100	289	P	H
		5725	74.97	-47.23	122.2	60.8	35.11	11.66	32.6	100	289	P	H
	*	5745	105.28	-	-	91.1	35.14	11.64	32.6	100	289	P	H
		5745	99.01	-	-	84.83	35.14	11.64	32.6	100	289	A	H
		5605.8	52.67	-15.63	68.3	38.61	34.95	11.71	32.6	321	273	P	V
		5695.8	58.36	-43.75	102.11	44.22	35.07	11.67	32.6	321	273	P	V
		5718.8	68.03	-42.43	110.46	53.86	35.11	11.66	32.6	321	273	P	V
		5725	73.78	-48.42	122.2	59.61	35.11	11.66	32.6	321	273	P	V
	*	5745	103.36	-	-	89.18	35.14	11.64	32.6	321	273	P	V
	5745	96.97	-	-	82.79	35.14	11.64	32.6	321	273	A	V	
802.11n HT20 CH 157 5785MHz		5606.4	53.31	-14.99	68.3	39.25	34.95	11.71	32.6	100	288	P	H
		5698.8	53.94	-50.38	104.32	39.79	35.08	11.67	32.6	100	288	P	H
		5719.8	55.93	-54.81	110.74	41.76	35.11	11.66	32.6	100	288	P	H
		5720.8	56.84	-55.78	112.62	42.67	35.11	11.66	32.6	100	288	P	H
	*	5785	105.61	-	-	91.39	35.2	11.62	32.6	100	288	P	H
		5785	99.35	-	-	85.13	35.2	11.62	32.6	100	288	A	H
		5852	52.21	-65.43	117.64	37.97	35.29	11.55	32.6	100	288	P	H
		5859.6	52.59	-56.92	109.51	38.4	35.3	11.49	32.6	100	288	P	H
		5905.8	52.61	-29.76	82.37	38.42	35.37	11.42	32.6	100	288	P	H
		5930.6	52.85	-15.45	68.3	38.63	35.4	11.42	32.6	100	288	P	H
		5612.2	52.8	-15.5	68.3	38.73	34.96	11.71	32.6	318	272	P	V
		5696.8	51.91	-50.94	102.85	37.76	35.08	11.67	32.6	318	272	P	V
		5714.4	52.5	-56.73	109.23	38.34	35.1	11.66	32.6	318	272	P	V
		5723	53.11	-64.53	117.64	38.94	35.11	11.66	32.6	318	272	P	V
	*	5785	104.15	-	-	89.93	35.2	11.62	32.6	318	272	P	V
	5785	97.86	-	-	83.64	35.2	11.62	32.6	318	272	A	V	
	5851.2	51.36	-68.1	119.46	37.12	35.29	11.55	32.6	318	272	P	V	
	5865.8	51.37	-56.4	107.77	37.17	35.31	11.49	32.6	318	272	P	V	



		5887.2	52.56	-43.58	96.14	38.33	35.34	11.49	32.6	318	272	P	V
		5927.8	52.28	-16.02	68.3	38.06	35.4	11.42	32.6	318	272	P	V
802.11n HT20 CH 165 5825MHz	*	5825	105.25	-	-	91.04	35.26	11.55	32.6	100	288	P	H
		5825	99.07	-	-	84.86	35.26	11.55	32.6	100	288	A	H
		5850.2	67.49	-54.25	121.74	53.25	35.29	11.55	32.6	100	288	P	H
		5855.6	62.28	-48.35	110.63	48.09	35.3	11.49	32.6	100	288	P	H
		5877	52.48	-51.23	103.71	38.26	35.33	11.49	32.6	100	288	P	H
		5947.2	53.24	-15.06	68.3	39.05	35.43	11.36	32.6	100	288	P	H
	*	5825	102.4	-	-	88.19	35.26	11.55	32.6	313	269	P	V
		5825	96.12	-	-	81.91	35.26	11.55	32.6	313	269	A	V
		5851.6	64.76	-53.79	118.55	50.52	35.29	11.55	32.6	313	269	P	V
		5857.2	57.6	-52.58	110.18	43.41	35.3	11.49	32.6	313	269	P	V
		5907.6	52.75	-28.29	81.04	38.56	35.37	11.42	32.6	313	269	P	V
	5931.6	52.32	-15.98	68.3	38.1	35.4	11.42	32.6	313	269	P	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		11490	49.92	-24.08	74	46.3	39.79	14.84	51.01	-	-	P	H
		17235	48.78	-19.52	68.3	42.22	42.41	17.56	53.41	-	-	P	H
CH 149 5745MHz		11490	50.16	-23.84	74	46.54	39.79	14.84	51.01	-	-	P	V
		17235	48.92	-19.38	68.3	42.36	42.41	17.56	53.41	-	-	P	V
802.11n HT20		11570	49.9	-24.1	74	46.15	39.86	14.88	50.99	-	-	P	H
		17355	50.57	-17.73	68.3	43.93	42.36	17.6	53.32	-	-	P	H
CH 157 5785MHz		11570	49.97	-24.03	74	46.22	39.86	14.88	50.99	-	-	P	V
		17355	49.31	-18.99	68.3	42.67	42.36	17.6	53.32	-	-	P	V
802.11n HT20		11650	50.26	-23.74	74	46.38	39.92	14.93	50.97	-	-	P	H
		17475	51.04	-17.26	68.3	44.33	42.31	17.63	53.23	-	-	P	H
CH 165 5825MHz		11650	49.96	-24.04	74	46.08	39.92	14.93	50.97	-	-	P	V
		17475	50.04	-18.26	68.3	43.33	42.31	17.63	53.23	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		5649.6	57.65	-10.65	68.3	43.55	35.01	11.69	32.6	100	289	P	H
		5696.6	69.24	-33.46	102.7	55.09	35.08	11.67	32.6	100	289	P	H
		5720	76.55	-34.25	110.8	62.38	35.11	11.66	32.6	100	289	P	H
		5722.8	78.9	-38.28	117.18	64.73	35.11	11.66	32.6	100	289	P	H
	*	5755	103.46	-	-	89.26	35.16	11.64	32.6	100	289	P	H
		5755	96.99	-	-	82.79	35.16	11.64	32.6	100	289	A	H
		5850	55.35	-66.85	122.2	41.11	35.29	11.55	32.6	100	289	P	H
		5866.4	53.73	-53.88	107.61	39.53	35.31	11.49	32.6	100	289	P	H
		5891.2	52.22	-40.96	93.18	37.98	35.35	11.49	32.6	100	289	P	H
		5930.8	51.97	-16.33	68.3	37.75	35.4	11.42	32.6	100	289	P	H
		5644.6	55.16	-13.14	68.3	41.07	35	11.69	32.6	320	274	P	V
		5696.8	65.79	-37.06	102.85	51.64	35.08	11.67	32.6	320	274	P	V
		5719.8	73.17	-37.57	110.74	59	35.11	11.66	32.6	320	274	P	V
		5723	76.05	-41.59	117.64	61.88	35.11	11.66	32.6	320	274	P	V
	*	5755	100.68	-	-	86.48	35.16	11.64	32.6	320	274	P	V
		5755	94.62	-	-	80.42	35.16	11.64	32.6	320	274	A	V
		5850.6	56.11	-64.72	120.83	41.87	35.29	11.55	32.6	320	274	P	V
		5860.6	53.18	-56.05	109.23	38.99	35.3	11.49	32.6	320	274	P	V
	5896	53.22	-36.4	89.62	39.05	35.35	11.42	32.6	320	274	P	V	
	5941.6	52.71	-15.59	68.3	38.53	35.42	11.36	32.6	320	274	P	V	
802.11n HT40 CH 159 5795MHz		5611.6	53.83	-14.47	68.3	39.76	34.96	11.71	32.6	100	289	P	H
		5696.6	60.06	-42.64	102.7	45.91	35.08	11.67	32.6	100	289	P	H
		5716.6	63.42	-46.43	109.85	49.26	35.1	11.66	32.6	100	289	P	H
		5723.8	63.72	-55.74	119.46	49.55	35.11	11.66	32.6	100	289	P	H
	*	5795	102.7	-	-	88.47	35.21	11.62	32.6	100	289	P	H
		5795	96.21	-	-	81.98	35.21	11.62	32.6	100	289	A	H
		5850.2	64.93	-56.81	121.74	50.69	35.29	11.55	32.6	100	289	P	H
		5861	63.36	-45.76	109.12	49.16	35.31	11.49	32.6	100	289	P	H
		5875.8	56.35	-48.26	104.61	42.13	35.33	11.49	32.6	100	289	P	H
	5933	52.58	-15.72	68.3	38.35	35.41	11.42	32.6	100	289	P	H	



		5633.2	52.45	-15.85	68.3	38.37	34.99	11.69	32.6	319	274	P	V
		5697.2	57.51	-45.63	103.14	43.36	35.08	11.67	32.6	319	274	P	V
		5717.2	60.16	-49.86	110.02	46	35.1	11.66	32.6	319	274	P	V
		5723.8	60.69	-58.77	119.46	46.52	35.11	11.66	32.6	319	274	P	V
	*	5795	102.41	-	-	88.18	35.21	11.62	32.6	319	274	P	V
		5795	96.02	-	-	81.79	35.21	11.62	32.6	319	274	A	V
		5850.8	62.58	-57.8	120.38	48.34	35.29	11.55	32.6	319	274	P	V
		5862.8	57.99	-50.62	108.61	43.79	35.31	11.49	32.6	319	274	P	V
		5883.4	53.61	-45.35	98.96	39.38	35.34	11.49	32.6	319	274	P	V
		5933.2	52.95	-15.35	68.3	38.72	35.41	11.42	32.6	319	274	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

5725~5850MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n		11510	49.66	-24.34	74	46.01	39.81	14.84	51	-	-	P	H
HT40		17265	50.28	-18.02	68.3	43.7	42.39	17.58	53.39	-	-	P	H
CH 151		11510	49.84	-24.16	74	46.19	39.81	14.84	51	-	-	P	V
5755MHz		17265	50.89	-17.41	68.3	44.31	42.39	17.58	53.39	-	-	P	V
802.11n		11590	49.83	-24.17	74	46.03	39.87	14.91	50.98	-	-	P	H
HT40		17385	49.81	-18.49	68.3	43.14	42.35	17.61	53.29	-	-	P	H
CH 159		11590	50.22	-23.78	74	46.42	39.87	14.91	50.98	-	-	P	V
5795MHz		17385	49.64	-18.66	68.3	42.97	42.35	17.61	53.29	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		5644.4	62.74	-5.56	68.3	48.65	35	11.69	32.6	100	291	P	H
		5697.4	71.16	-32.13	103.29	57.01	35.08	11.67	32.6	100	291	P	H
		5708.6	71.31	-36.3	107.61	57.16	35.09	11.66	32.6	100	291	P	H
		5724	72.31	-47.61	119.92	58.14	35.11	11.66	32.6	100	291	P	H
		5775	98.49	-	-	84.26	35.19	11.64	32.6	100	291	P	H
		5775	91.6	-	-	77.37	35.19	11.64	32.6	100	291	V	H
		5852.4	67.97	-48.76	116.73	53.73	35.29	11.55	32.6	100	291	P	H
		5855.4	67.41	-43.28	110.69	53.16	35.3	11.55	32.6	100	291	P	H
		5876	60.19	-44.27	104.46	45.97	35.33	11.49	32.6	100	291	P	H
		5925	53.37	-14.83	68.2	39.15	35.4	11.42	32.6	100	291	P	H
		5641.2	58.32	-9.98	68.3	44.23	35	11.69	32.6	321	275	P	V
		5698.6	66.71	-37.46	104.17	52.56	35.08	11.67	32.6	321	275	P	V
		5719.8	68.44	-42.3	110.74	54.27	35.11	11.66	32.6	321	275	P	V
		5720.8	69.53	-43.09	112.62	55.36	35.11	11.66	32.6	321	275	P	V
		5775	95.9	-	-	81.67	35.19	11.64	32.6	321	275	P	V
		5775	88.67	-	-	74.44	35.19	11.64	32.6	321	275	V	V
		5852.6	67.21	-49.06	116.27	52.97	35.29	11.55	32.6	321	275	P	V
		5860	66.03	-43.37	109.4	51.84	35.3	11.49	32.6	321	275	P	V
		5876.2	58.55	-45.76	104.31	44.33	35.33	11.49	32.6	321	275	P	V
	5925.2	53.34	-14.96	68.3	39.12	35.4	11.42	32.6	321	275	P	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

WIFI 802.11ac VHT80_Full (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	49.53	-24.47	74	45.8	39.84	14.88	50.99			P	H
VHT80		17325	50.06	-18.24	68.3	43.44	42.37	17.6	53.35			P	H
CH 155		11550	49.35	-24.65	74	45.62	39.84	14.88	50.99			P	V
5775MHz		17325	49.93	-18.37	68.3	43.31	42.37	17.6	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 CH64 (LF @ 3m)

Table with 14 columns: WIFI, Note, Frequency, Level, Margin, Limit, Read, Antenna, Path, Preamp, Ant, Table, Peak, Pol. It contains 11 rows of test data for 802.11a CH64 LF and a Remark section at the bottom.



<Simultaneous transmission>
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.
0		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH64 5320MHz & LTE Band13 Co-olation	*	5320	105.83	-	-	92.59	34.84	10.96	32.56	100	297	P	H
	*	5320	99.6	-	-	86.36	34.84	10.96	32.56	100	297	A	H
		5350.56	67.88	-6.12	74	54.69	34.83	10.93	32.57	100	297	P	H
		5350.72	50.72	-3.28	54	37.53	34.83	10.93	32.57	100	297	A	H
	*	5320	103.88	-	-	90.64	34.84	10.96	32.56	376	280	P	V
	*	5320	97.71	-	-	84.47	34.84	10.96	32.56	376	280	A	V
		5351.52	65.96	-8.04	74	52.77	34.83	10.93	32.57	376	280	P	V
	5350.72	48.76	-5.24	54	35.57	34.83	10.93	32.57	376	280	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WIFI 802.11a (Harmonic @ 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.
0		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH64 5320MHz & LTE Band13 Co-olation		1559.5	42.54	-31.46	74	39.81	29.46	6.39	33.12	-	-	P	H
		2339.25	45.07	-28.93	74	38.04	32.15	7.58	32.7	-	-	P	H
		3119	49.73	-18.57	68.3	38.95	34.47	8.76	32.45	-	-	P	H
		10640	50.15	-23.85	74	47.54	39.47	14.32	51.18	-	-	P	H
		15960	50.28	-23.72	74	44.44	42.08	17.2	53.44	-	-	P	H
		1559.5	43.12	-30.88	74	40.39	29.46	6.39	33.12	-	-	P	V
		2339.25	45.95	-28.05	74	38.92	32.15	7.58	32.7	-	-	P	V
		3119	51.11	-17.19	68.3	40.33	34.47	8.76	32.45	-	-	P	V
		10640	50.77	-23.23	74	48.16	39.47	14.32	51.18	-	-	P	V
	15960	50.82	-23.18	74	44.98	42.08	17.2	53.44	-	-	P	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average 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	Peak or Average
H/V	Horizontal or Vertical



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.	
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. 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)

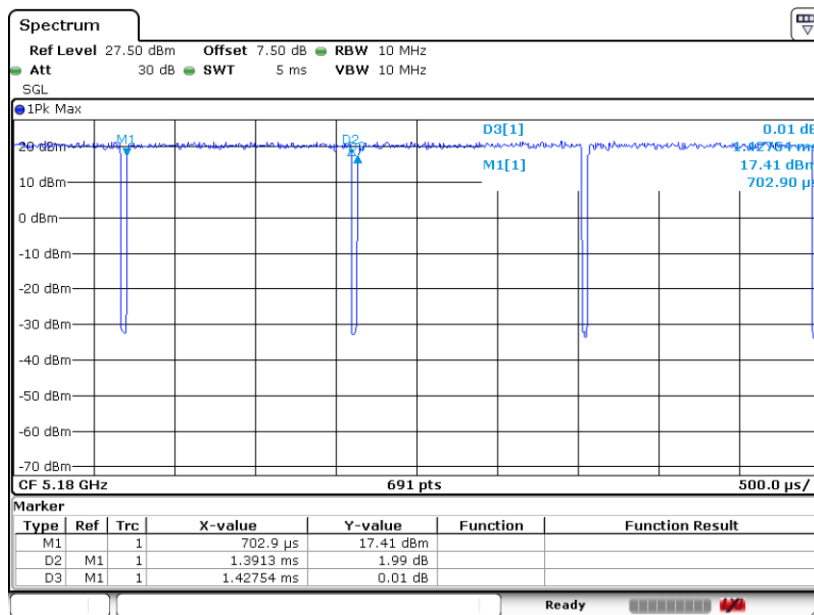
Both peak and average measured complies with the limit line, so test result is “PASS”.



Appendix D. Duty Cycle Plots

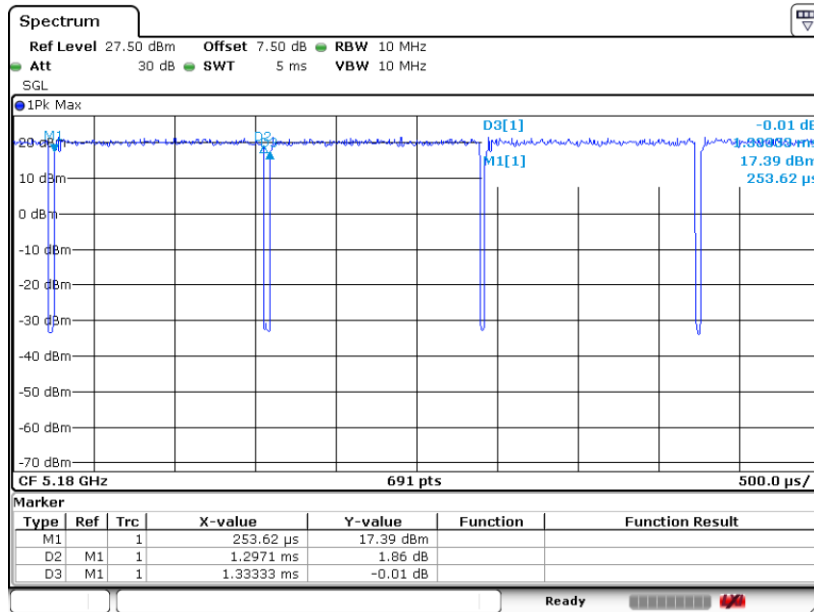
Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
802.11a	97.46	1.391	0.719	1KHz
802.11n HT20	97.28	1.297	0.771	1KHz
802.11n HT40	94.72	0.651	1.537	3KHz
802.11ac VHT80	90.00	0.326	3.067	10KHZ

802.11a

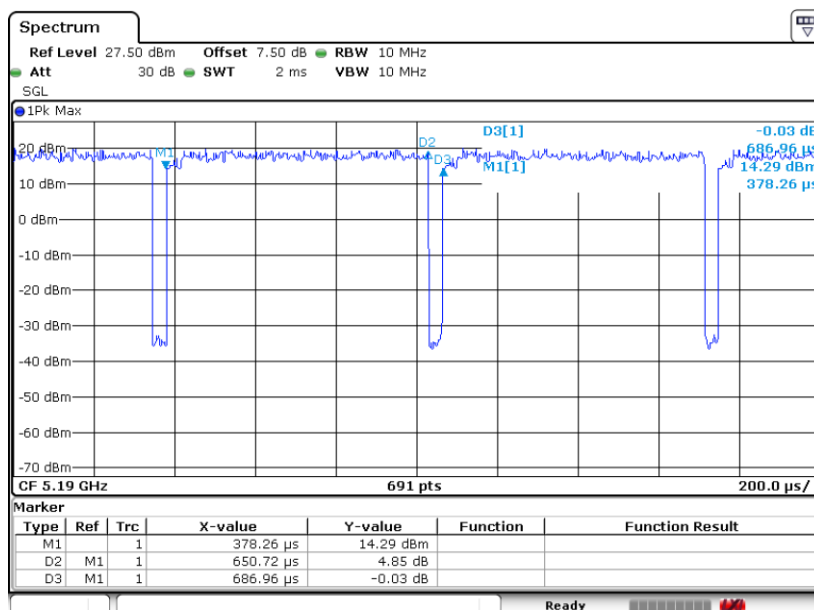




802.11n HT20



802.11n HT40





802.11ac VHT80

