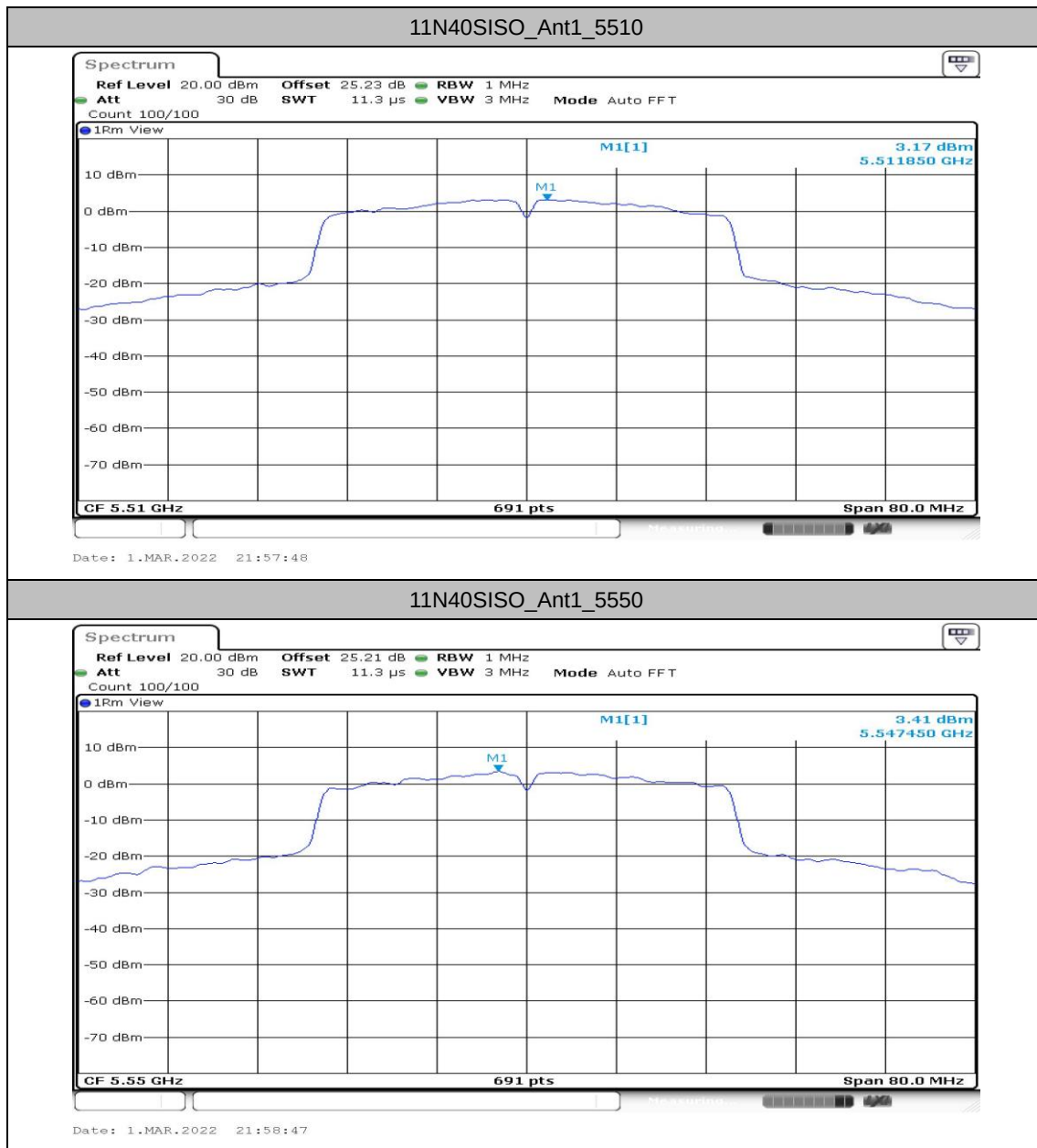
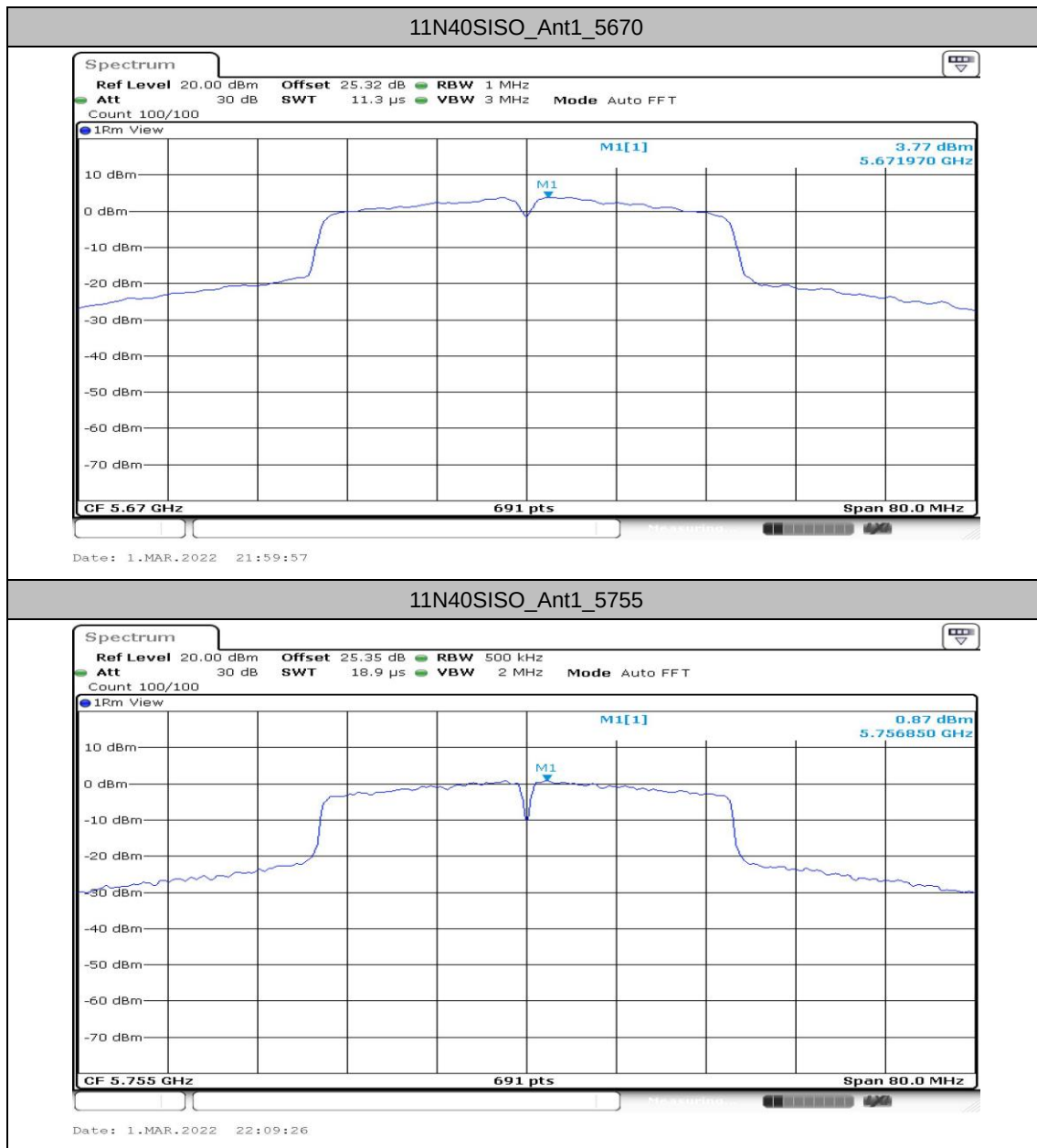


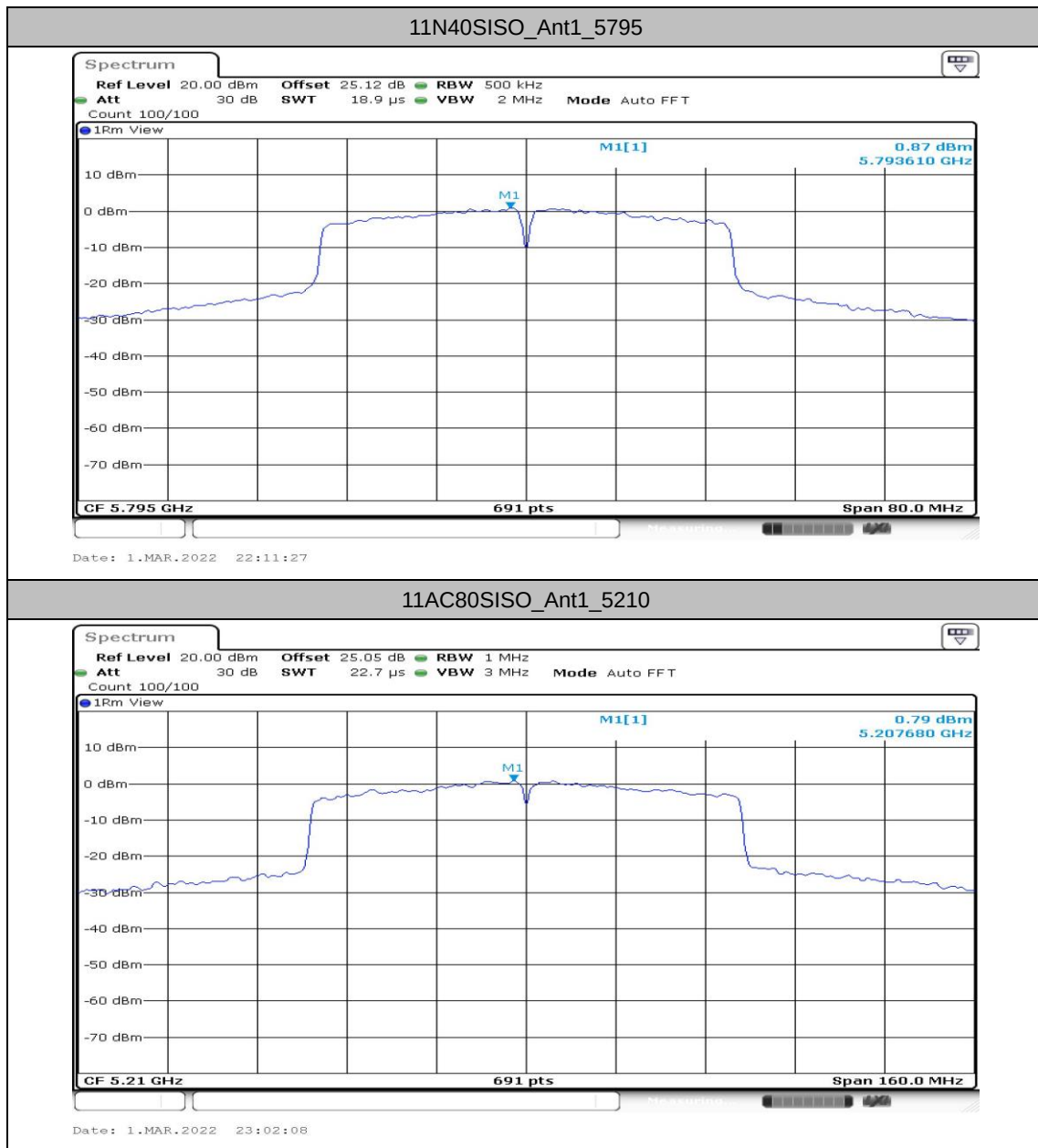


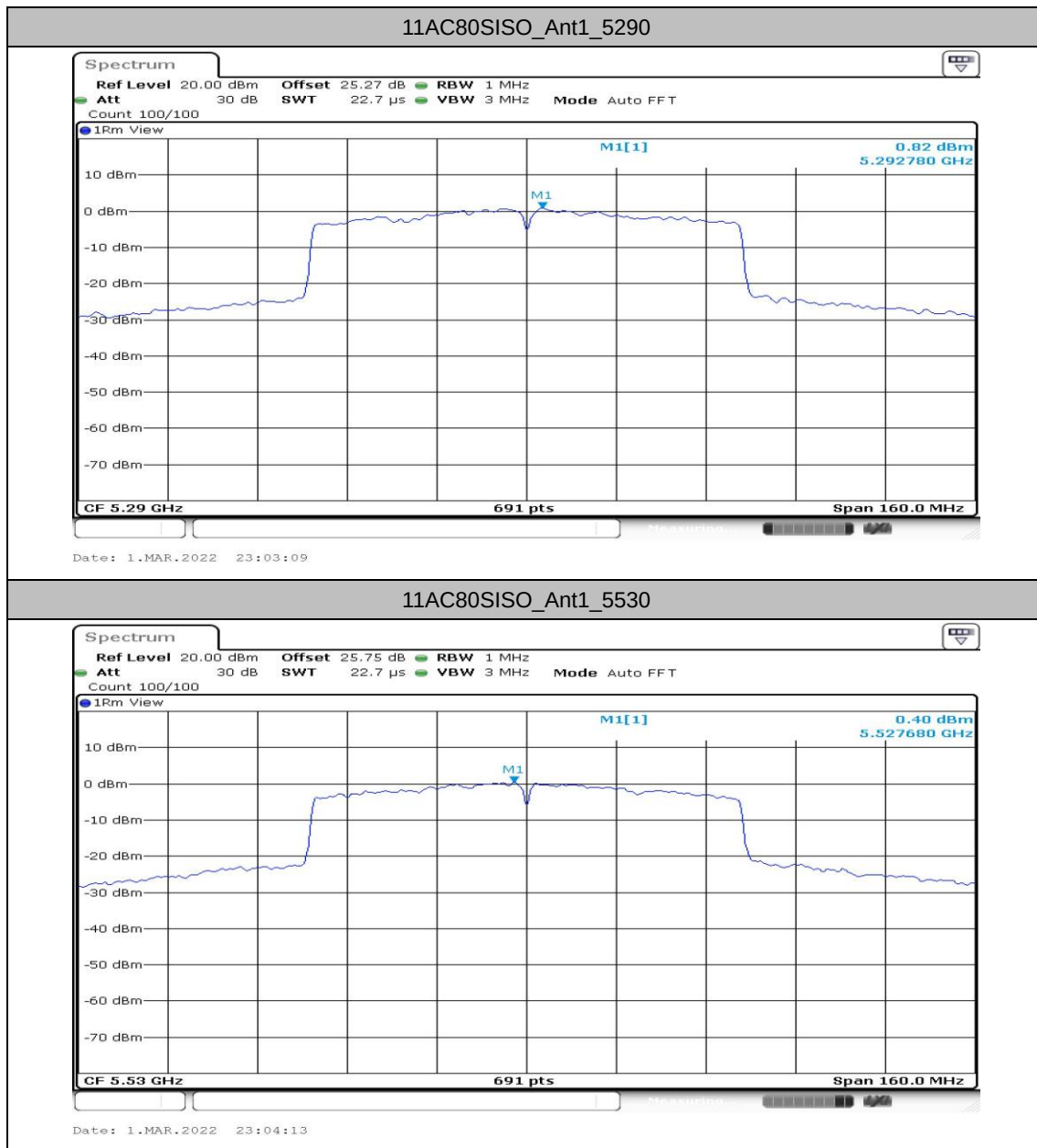


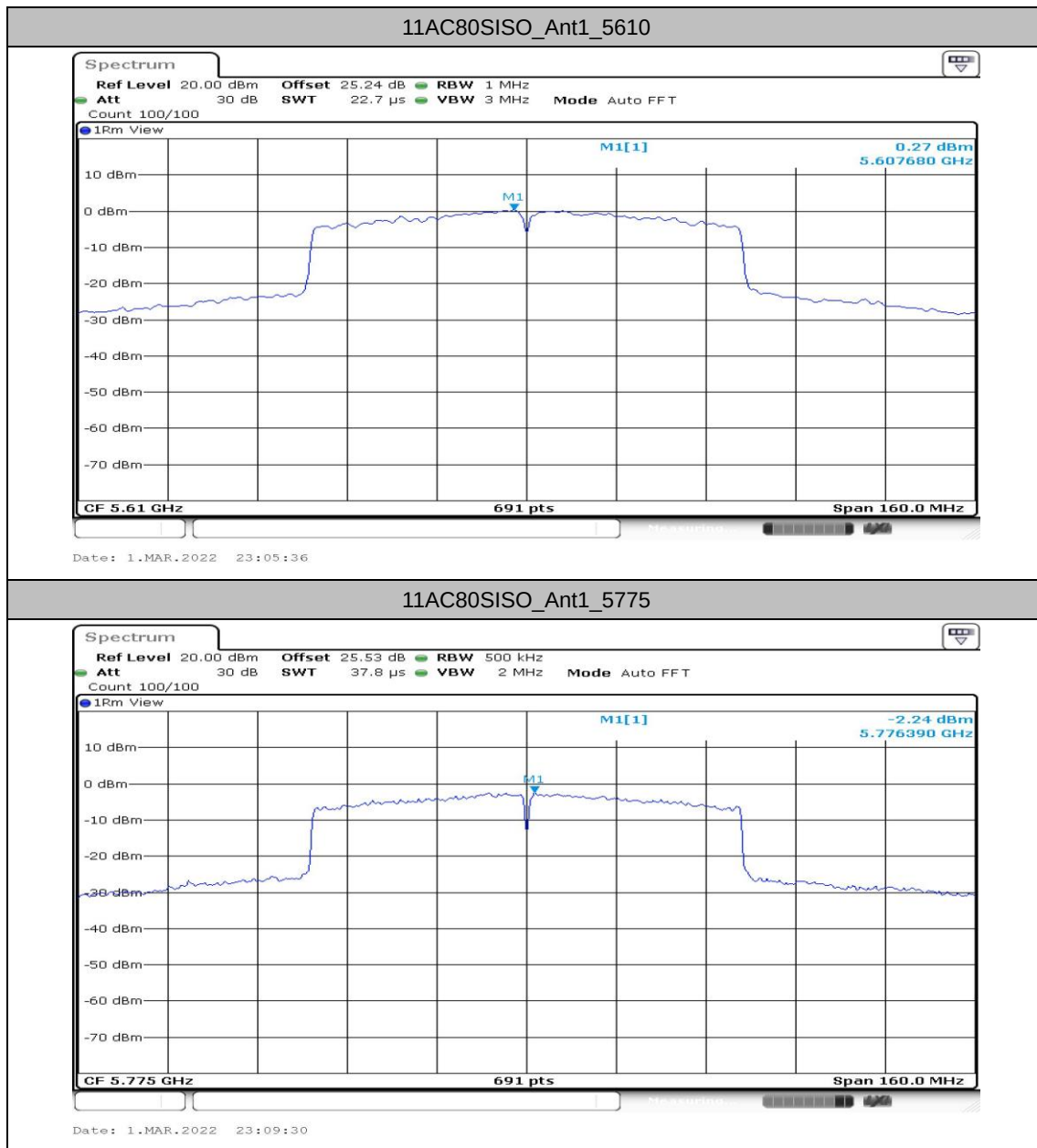






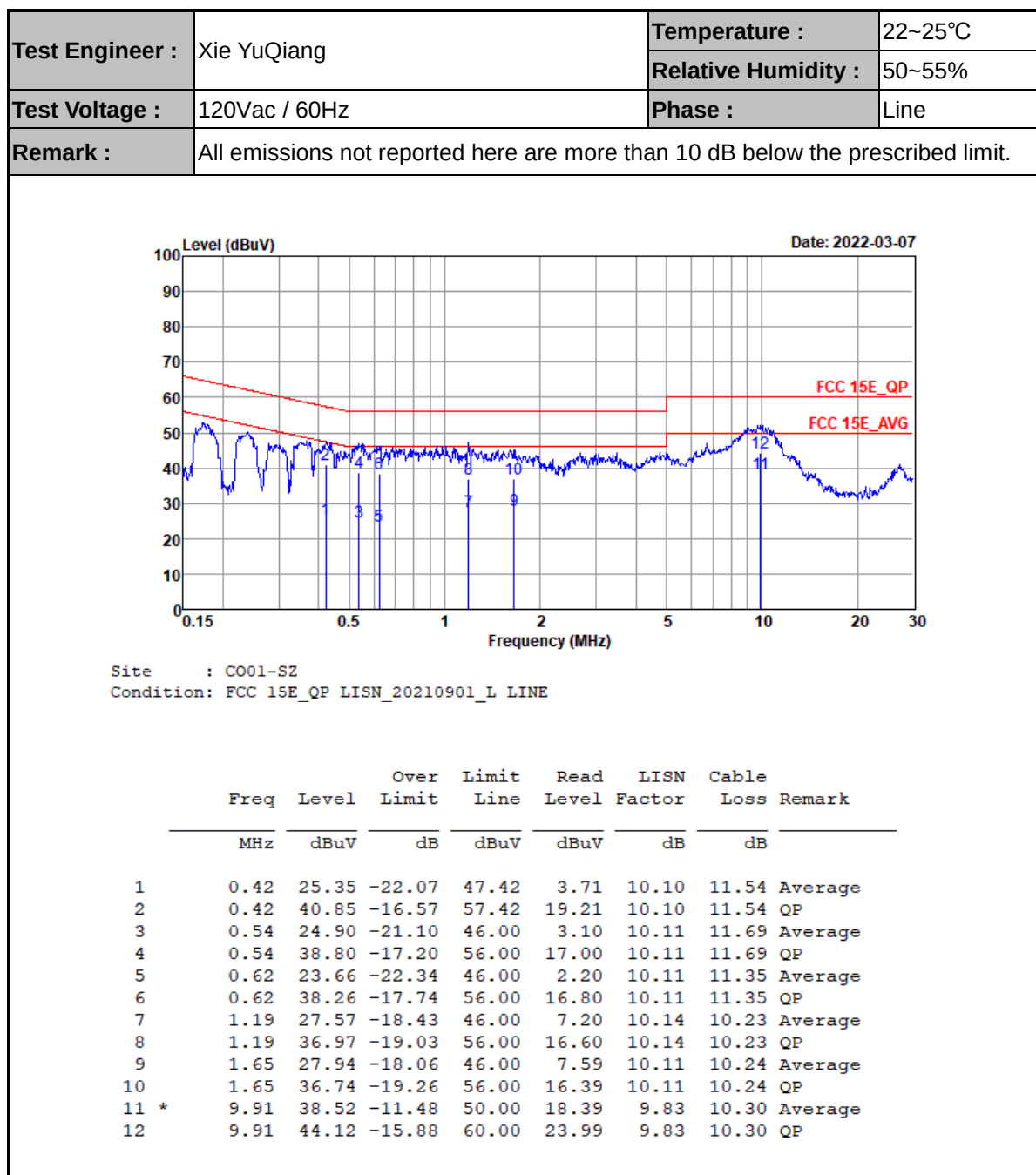






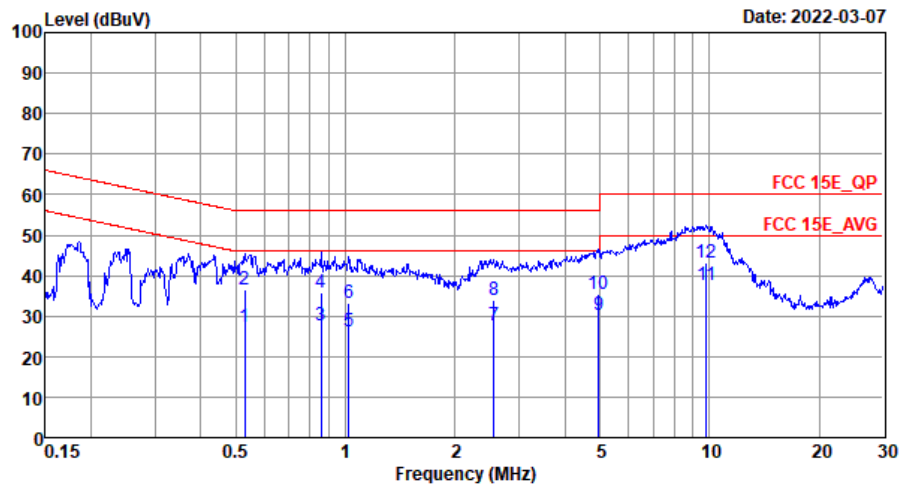


Appendix B. AC Conducted Emission Test Results





Test Engineer :	Xie YuQiang	Temperature :	22~25°C
		Relative Humidity :	50~55%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-SZ
Condition: FCC 15E QP LISN 20210901 N NEUTRAL

	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.53	27.33	-18.67	46.00	5.39	10.21	11.73	Average
2	0.53	36.63	-19.37	56.00	14.69	10.21	11.73	QP
3	0.86	27.82	-18.18	46.00	7.00	10.23	10.59	Average
4	0.86	35.62	-20.38	56.00	14.80	10.23	10.59	QP
5	1.02	26.15	-19.85	46.00	5.70	10.22	10.23	Average
6	1.02	33.35	-22.65	56.00	12.90	10.22	10.23	QP
7	2.55	27.59	-18.41	46.00	7.20	10.15	10.24	Average
8	2.55	33.99	-22.01	56.00	13.60	10.15	10.24	QP
9	4.95	30.37	-15.63	46.00	10.00	10.13	10.24	Average
10	4.95	35.47	-20.53	56.00	15.10	10.13	10.24	QP
11 *	9.81	37.79	-12.21	50.00	17.50	9.99	10.30	Average
12	9.81	43.09	-16.91	60.00	22.80	9.99	10.30	QP

Note:

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



Appendix C. Radiated Spurious Emission

Test Engineer :	Xiaoshi Tan	Temperature :	24~25°C
		Relative Humidity :	48~49%

5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	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		5145.6	59.01	-14.99	74	45.39	34	12.15	32.53	100	63	P	H
		5150	47.71	-6.29	54	34.09	34	12.15	32.53	100	63	A	H
		5180	108	-----	-----	94.25	34.13	12.16	32.54	100	63	P	H
		5180	102	-----	-----	88.25	34.13	12.16	32.54	100	63	A	H
		5149.24	54.59	-19.41	74	40.97	34	12.15	32.53	387	147	P	V
		5150	43.79	-10.21	54	30.17	34	12.15	32.53	387	147	A	V
		5180	101.39	-----	-----	87.64	34.13	12.16	32.54	387	147	P	V
		5180	95.39	-----	-----	81.64	34.13	12.16	32.54	387	147	A	V
802.11a CH 44 5220MHz		5114.92	54.94	-19.06	74	41.39	33.93	12.14	32.52	100	61	P	H
		5150	44.22	-9.78	54	30.6	34	12.15	32.53	100	61	A	H
		5220	108.17	-----	-----	94.32	34.23	12.17	32.55	100	61	P	H
		5220	102.17	-----	-----	88.32	34.23	12.17	32.55	100	61	A	H
		5376.96	52.79	-21.21	74	38.75	34.4	12.22	32.58	100	61	P	H
		5377.44	43.68	-10.32	54	29.64	34.4	12.22	32.58	100	61	A	H
		5026	52.39	-21.61	74	38.98	33.8	12.12	32.51	400	185	P	V
		5127.4	42.77	-11.23	54	29.18	33.97	12.15	32.53	400	185	A	V
		5220	102.62	-----	-----	88.77	34.23	12.17	32.55	400	185	P	V
		5220	96.62	-----	-----	82.77	34.23	12.17	32.55	400	185	A	V
		5408.88	52.75	-21.25	74	38.71	34.4	12.22	32.58	400	185	P	V
		5401.44	42.54	-11.46	54	28.5	34.4	12.22	32.58	400	185	A	V



802.11a CH 48 5240MHz		5141.7	53.37	-20.63	74	39.75	34	12.15	32.53	100	60	P	H
		5147.68	43.84	-10.16	54	30.22	34	12.15	32.53	100	60	A	H
		5240	108.94	-----	-----	95.04	34.27	12.18	32.55	100	60	P	H
		5240	101.94	-----	-----	88.04	34.27	12.18	32.55	100	60	A	H
		5379.84	53.56	-20.44	74	39.52	34.4	12.22	32.58	100	60	P	H
		5351.76	43.77	-10.23	54	29.73	34.4	12.21	32.57	100	60	A	H
		5132.86	51.99	-22.01	74	38.4	33.97	12.15	32.53	400	185	P	V
		5123.5	42.69	-11.31	54	29.11	33.97	12.14	32.53	400	185	A	V
		5240	103.24	-----	-----	89.34	34.27	12.18	32.55	400	185	P	V
		5240	95.24	-----	-----	81.34	34.27	12.18	32.55	400	185	A	V
		5456.64	52.49	-21.51	74	38.44	34.4	12.24	32.59	400	185	P	V
		5361.6	42.61	-11.39	54	28.57	34.4	12.21	32.57	400	185	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)	Over Limit (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	49.1	-19.2	68.3	47.45	37.39	15.31	51.05	-	-	P	H
		15540	47.72	-26.28	74	42.54	40.08	17.76	52.66	-	-	P	H
		10360	48.49	-19.81	68.3	46.84	37.39	15.31	51.05	-	-	P	V
		15540	47.36	-26.64	74	42.18	40.08	17.76	52.66	-	-	P	V
802.11a CH 44 5220MHz		10440	47.71	-20.59	68.3	46.01	37.45	15.32	51.07	-	-	P	H
		15660	47.04	-26.96	74	41.9	40.19	17.83	52.88	-	-	P	H
		10440	48.11	-20.19	68.3	46.41	37.45	15.32	51.07	-	-	P	V
		15660	47.32	-26.68	74	42.18	40.19	17.83	52.88	-	-	P	V
802.11a CH 48 5240MHz		10480	49.01	-19.29	68.3	47.29	37.49	15.32	51.09	-	-	P	H
		15720	46.92	-27.08	74	41.8	40.25	17.87	53	-	-	P	H
		10480	48.27	-20.03	68.3	46.55	37.49	15.32	51.09	-	-	P	V
		15720	47.64	-26.36	74	42.52	40.25	17.87	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)	Over Limit (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		5146.38	64.01	-9.99	74	50.39	34	12.15	32.53	100	62	P	H
		5149.76	48.98	-5.02	54	35.36	34	12.15	32.53	100	62	A	H
		5180	107.28	-----	-----	93.53	34.13	12.16	32.54	100	62	P	H
		5180	101	-----	-----	87.25	34.13	12.16	32.54	100	62	A	H
		5147.68	52.5	-21.5	74	38.88	34	12.15	32.53	100	81	P	V
		5148.98	42.44	-11.56	54	28.82	34	12.15	32.53	100	81	A	V
		5180	96.72	-----	-----	82.97	34.13	12.16	32.54	100	81	P	V
		5180	90.08	-----	-----	76.33	34.13	12.16	32.54	100	81	A	V
802.11n HT20 CH 44 5220MHz		5133.12	54.42	-19.58	74	40.83	33.97	12.15	32.53	100	60	P	H
		5143.78	44.39	-9.61	54	30.77	34	12.15	32.53	100	60	A	H
		5220	109.64	-----	-----	95.79	34.23	12.17	32.55	100	60	P	H
		5220	103.03	-----	-----	89.18	34.23	12.17	32.55	100	60	A	H
		5382.24	53.42	-20.58	74	39.38	34.4	12.22	32.58	100	60	P	H
		5350.56	43.85	-10.15	54	29.81	34.4	12.21	32.57	100	60	A	H
		5093.6	52.43	-21.57	74	38.91	33.9	12.14	32.52	100	81	P	V
		5146.9	42.33	-11.67	54	28.71	34	12.15	32.53	100	81	A	V
		5220	100.81	-----	-----	86.96	34.23	12.17	32.55	100	81	P	V
		5220	94.13	-----	-----	80.28	34.23	12.17	32.55	100	81	A	V
		5414.64	52.63	-21.37	74	38.58	34.4	12.23	32.58	100	81	P	V
		5358.72	42.22	-11.78	54	28.18	34.4	12.21	32.57	100	81	A	V



802.11n HT20 CH 48 5240MHz		5117.78	54.12	-19.88	74	40.58	33.93	12.14	32.53	100	60	P	H
		5145.86	43.97	-10.03	54	30.35	34	12.15	32.53	100	60	A	H
		5240	111.31	-----	-----	97.41	34.27	12.18	32.55	100	60	P	H
		5240	104.28	-----	-----	90.38	34.27	12.18	32.55	100	60	A	H
		5362.56	53.83	-20.17	74	39.79	34.4	12.21	32.57	100	60	P	H
		5351.52	43.94	-10.06	54	29.9	34.4	12.21	32.57	100	60	A	H
		5037.44	51.93	-22.07	74	38.52	33.8	12.12	32.51	100	79	P	V
		5149.5	42.03	-11.97	54	28.41	34	12.15	32.53	100	79	A	V
		5240	101.49	-----	-----	87.59	34.27	12.18	32.55	100	79	P	V
		5240	94.93	-----	-----	81.03	34.27	12.18	32.55	100	79	A	V
		5352.48	52.07	-21.93	74	38.03	34.4	12.21	32.57	100	79	P	V
		5438.64	42.02	-11.98	54	27.98	34.4	12.23	32.59	100	79	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		10360	49.78	-18.52	68.3	48.13	37.39	15.31	51.05	-	-	P	H
HT20		15540	47.43	-26.57	74	42.25	40.08	17.76	52.66	-	-	P	H
CH 36		10360	48.52	-19.78	68.3	46.87	37.39	15.31	51.05	-	-	P	V
5180MHz		15540	47.99	-26.01	74	42.81	40.08	17.76	52.66	-	-	P	V
802.11n		10440	48.4	-19.9	68.3	46.7	37.45	15.32	51.07	-	-	P	H
HT20		15660	47.49	-26.51	74	42.35	40.19	17.83	52.88	-	-	P	H
CH 44		10440	48.73	-19.57	68.3	47.03	37.45	15.32	51.07	-	-	P	V
5220MHz		15660	47.13	-26.87	74	41.99	40.19	17.83	52.88	-	-	P	V
802.11n		10480	49.2	-19.1	68.3	47.48	37.49	15.32	51.09	-	-	P	H
HT20		15720	47.4	-26.6	74	42.28	40.25	17.87	53	-	-	P	H
CH 48		10480	48.49	-19.81	68.3	46.77	37.49	15.32	51.09	-	-	P	V
5240MHz		15720	47.38	-26.62	74	42.26	40.25	17.87	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)	Over Limit (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		5149.5	62.37	-11.63	74	48.75	34	12.15	32.53	100	63	P	H
		5149.5	48.79	-5.21	54	35.17	34	12.15	32.53	100	63	A	H
		5190	99.54	-----	-----	85.79	34.13	12.16	32.54	100	63	P	H
		5190	92.4	-----	-----	78.65	34.13	12.16	32.54	100	63	A	H
		5368.44	52.26	-21.74	74	38.22	34.4	12.21	32.57	100	63	P	H
		5351.08	43.76	-10.24	54	29.72	34.4	12.21	32.57	100	63	A	H
		5149.5	53.68	-20.32	74	40.06	34	12.15	32.53	388	115	P	V
		5150	43.13	-10.87	54	29.51	34	12.15	32.53	388	115	A	V
		5190	92.07	-----	-----	78.32	34.13	12.16	32.54	388	115	P	V
		5190	85.26	-----	-----	71.51	34.13	12.16	32.54	388	115	A	V
		5430.88	51.01	-22.99	74	36.97	34.4	12.23	32.59	388	115	P	V
		5435.36	42.68	-11.32	54	28.64	34.4	12.23	32.59	388	115	A	V
802.11n HT40 CH 46 5230MHz		5149.5	56.8	-17.2	74	43.18	34	12.15	32.53	352	53	P	H
		5146.12	44.35	-9.65	54	30.73	34	12.15	32.53	352	53	A	H
		5230	104.68	-----	-----	90.79	34.27	12.17	32.55	352	53	P	H
		5230	98	-----	-----	84.11	34.27	12.17	32.55	352	53	A	H
		5415.84	54.03	-19.97	74	39.98	34.4	12.23	32.58	352	53	P	H
		5379.12	43.81	-10.19	54	29.77	34.4	12.22	32.58	352	53	A	H
		5099.32	52.78	-21.22	74	39.26	33.9	12.14	32.52	387	262	P	V
		5149.5	43.8	-10.2	54	30.18	34	12.15	32.53	387	262	A	V
		5230	99.23	-----	-----	85.34	34.27	12.17	32.55	387	262	P	V
		5230	92.28	-----	-----	78.39	34.27	12.17	32.55	387	262	A	V
		5365.68	53.1	-20.9	74	39.06	34.4	12.21	32.57	387	262	P	V
		5413.92	42.97	-11.03	54	28.92	34.4	12.23	32.58	387	262	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)	Over Limit (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	49.32	-18.98	68.3	47.64	37.41	15.32	51.05	-	-	P	H
HT40		15570	47.37	-26.63	74	42.2	40.11	17.78	52.72	-	-	P	H
CH 38		10380	49.42	-18.88	68.3	47.74	37.41	15.32	51.05	-	-	P	V
5190MHz		15570	47.83	-26.17	74	42.66	40.11	17.78	52.72	-	-	P	V
802.11n		10460	48.76	-19.54	68.3	47.06	37.46	15.32	51.08	-	-	P	H
HT40		15690	47.11	-26.89	74	41.98	40.22	17.85	52.94	-	-	P	H
CH 46		10460	48.96	-19.34	68.3	47.26	37.46	15.32	51.08	-	-	P	V
5230MHz		15690	47.34	-26.66	74	42.21	40.22	17.85	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)	Over Limit (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		5143.52	56.64	-17.36	74	43.02	34	12.15	32.53	100	63	P	H
		5149.24	47.82	-6.18	54	34.2	34	12.15	32.53	100	63	A	H
		5210	95.43	-----	-----	81.57	34.23	12.17	32.54	100	63	P	H
		5210	89.2	-----	-----	75.34	34.23	12.17	32.54	100	63	A	H
		5394.24	51.89	-22.11	74	37.85	34.4	12.22	32.58	100	63	P	H
		5418.48	44.53	-9.47	54	30.48	34.4	12.23	32.58	100	63	A	H
		5125.32	51.77	-22.23	74	38.18	33.97	12.15	32.53	100	95	P	V
		5141.96	44.49	-9.51	54	30.87	34	12.15	32.53	100	95	A	V
		5210	87.76	-----	-----	73.9	34.23	12.17	32.54	100	95	P	V
		5210	81.03	-----	-----	67.17	34.23	12.17	32.54	100	95	A	V
		5407.44	51.93	-22.07	74	37.89	34.4	12.22	32.58	100	95	P	V
		5374.32	44.35	-9.65	54	30.31	34.4	12.21	32.57	100	95	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)	Over Limit (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	47.64	-20.66	68.3	45.96	37.43	15.32	51.07	-	-	P	H
		15630	47.83	-26.17	74	42.69	40.17	17.82	52.85	-	-	P	H
		10420	47.26	-21.04	68.3	45.58	37.43	15.32	51.07	-	-	P	V
		15630	47.85	-26.15	74	42.71	40.17	17.82	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)	Over Limit (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		5118.56	52.95	-21.05	74	39.41	33.93	12.14	32.53	100	61	P	H
		5149.76	43.47	-10.53	54	29.85	34	12.15	32.53	100	61	A	H
		5260	109.88	-----	-----	95.92	34.33	12.18	32.55	100	61	P	H
		5260	103.88	-----	-----	89.92	34.33	12.18	32.55	100	61	A	H
		5415.36	53.08	-20.92	74	39.03	34.4	12.23	32.58	100	61	P	H
		5357.76	43.73	-10.27	54	29.69	34.4	12.21	32.57	100	61	A	H
		5140.66	52.18	-21.82	74	38.56	34	12.15	32.53	397	187	P	V
		5148.46	42.71	-11.29	54	29.09	34	12.15	32.53	397	187	A	V
		5260	102.14	-----	-----	88.18	34.33	12.18	32.55	397	187	P	V
		5260	95.14	-----	-----	81.18	34.33	12.18	32.55	397	187	A	V
		5402.4	52.28	-21.72	74	38.24	34.4	12.22	32.58	397	187	P	V
		5401.68	42.71	-11.29	54	28.67	34.4	12.22	32.58	397	187	A	V
802.11a CH 60 5300MHz		5129.15	53.17	-20.83	74	39.58	33.97	12.15	32.53	100	60	P	H
		5129.5	42.7	-11.3	54	29.11	33.97	12.15	32.53	100	60	A	H
		5300	110.96	-----	-----	96.93	34.4	12.19	32.56	100	60	P	H
		5300	103.96	-----	-----	89.93	34.4	12.19	32.56	100	60	A	H
		5352.48	57.08	-16.92	74	43.04	34.4	12.21	32.57	100	60	P	H
		5350.8	45.73	-8.27	54	31.69	34.4	12.21	32.57	100	60	A	H
		5099.75	51.06	-22.94	74	37.54	33.9	12.14	32.52	391	187	P	V
		5135.45	42.21	-11.79	54	28.62	33.97	12.15	32.53	391	187	A	V
		5300	102.25	-----	-----	88.22	34.4	12.19	32.56	391	187	P	V
		5300	95.25	-----	-----	81.22	34.4	12.19	32.56	391	187	A	V
		5447.76	52.58	-21.42	74	38.53	34.4	12.24	32.59	391	187	P	V
		5456.16	42.28	-11.72	54	28.23	34.4	12.24	32.59	391	187	A	V
802.11a CH 64 5320MHz		5320	107.57	-----	-----	93.53	34.4	12.2	32.56	106	59	P	H
		5320	100.57	-----	-----	86.53	34.4	12.2	32.56	106	59	A	H
		5350.56	59.39	-14.61	74	45.35	34.4	12.21	32.57	106	59	P	H
		5350.08	47.57	-6.43	54	33.53	34.4	12.21	32.57	106	59	A	H
		5320	99.06	-----	-----	85.02	34.4	12.2	32.56	385	188	P	V



		5320	92.06	-----	-----	78.02	34.4	12.2	32.56	385	188	A	V
		5351.2	52.69	-21.31	74	38.65	34.4	12.21	32.57	385	188	P	V
		5350.08	43.39	-10.61	54	29.35	34.4	12.21	32.57	385	188	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preampl Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	49.07	-19.23	68.3	47.3	37.51	15.37	51.11	-	-	P	H
		15780	47.34	-26.66	74	42.24	40.3	17.9	53.1	-	-	P	H
		10520	49.32	-18.98	68.3	47.55	37.51	15.37	51.11	-	-	P	V
		15780	47.58	-26.42	74	42.48	40.3	17.9	53.1	-	-	P	V
802.11a CH 60 5300MHz		10600	47.86	-26.14	74	45.91	37.56	15.55	51.16	-	-	P	H
		15900	47.44	-26.56	74	42.37	40.41	17.97	53.31	-	-	P	H
		10600	47.31	-26.69	74	45.36	37.56	15.55	51.16	-	-	P	V
		15900	47.56	-26.44	74	42.49	40.41	17.97	53.31	-	-	P	V
802.11a CH 64 5320MHz		10640	47.12	-26.88	74	45.07	37.58	15.65	51.18	-	-	P	H
		15960	47.3	-26.7	74	42.26	40.47	18.01	53.44	-	-	P	H
		10640	47.18	-26.82	74	45.13	37.58	15.65	51.18	-	-	P	V
		15960	47.03	-26.97	74	41.99	40.47	18.01	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)	Over Limit (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		5139.62	52.97	-21.03	74	39.35	34	12.15	32.53	100	57	P	H
		5147.16	43.37	-10.63	54	29.75	34	12.15	32.53	100	57	A	H
		5260	109.87	-----	-----	95.91	34.33	12.18	32.55	100	57	P	H
		5260	102.96	-----	-----	89	34.33	12.18	32.55	100	57	A	H
		5368.08	54.04	-19.96	74	40	34.4	12.21	32.57	100	57	P	H
		5354.88	44.35	-9.65	54	30.31	34.4	12.21	32.57	100	57	A	H
		5145.86	51.4	-22.6	74	37.78	34	12.15	32.53	100	79	P	V
		5146.12	42.08	-11.92	54	28.46	34	12.15	32.53	100	79	A	V
		5260	99.54	-----	-----	85.58	34.33	12.18	32.55	100	79	P	V
		5260	92.65	-----	-----	78.69	34.33	12.18	32.55	100	79	A	V
		5385.36	52.65	-21.35	74	38.61	34.4	12.22	32.58	100	79	P	V
		5365.44	42.17	-11.83	54	28.13	34.4	12.21	32.57	100	79	A	V
802.11n HT20 CH 60 5300MHz		5129.85	53.01	-20.99	74	39.42	33.97	12.15	32.53	100	59	P	H
		5131.25	43.11	-10.89	54	29.52	33.97	12.15	32.53	100	59	A	H
		5300	110.95	-----	-----	96.92	34.4	12.19	32.56	100	59	P	H
		5300	104.19	-----	-----	90.16	34.4	12.19	32.56	100	59	A	H
		5351.28	58.86	-15.14	74	44.82	34.4	12.21	32.57	100	59	P	H
		5350.56	46.72	-7.28	54	32.68	34.4	12.21	32.57	100	59	A	H
		5127.05	51.99	-22.01	74	38.4	33.97	12.15	32.53	100	87	P	V
		5142.45	42	-12	54	28.38	34	12.15	32.53	100	87	A	V
		5300	100.06	-----	-----	86.03	34.4	12.19	32.56	100	87	P	V
		5300	93.71	-----	-----	79.68	34.4	12.19	32.56	100	87	A	V
		5356.32	51.64	-22.36	74	37.6	34.4	12.21	32.57	100	87	P	V
		5358	42.2	-11.8	54	28.16	34.4	12.21	32.57	100	87	A	V
802.11n HT20 CH 64 5320MHz		5320	108.05	-----	-----	94.01	34.4	12.2	32.56	100	59	P	H
		5320	101.41	-----	-----	87.37	34.4	12.2	32.56	100	59	A	H
		5352.32	62.88	-11.12	74	48.84	34.4	12.21	32.57	100	59	P	H
		5350.72	48.6	-5.4	54	34.56	34.4	12.21	32.57	100	59	A	H
		5320	97.76	-----	-----	83.72	34.4	12.2	32.56	100	117	P	V
		5320	91.35	-----	-----	77.31	34.4	12.2	32.56	100	117	A	V



		5350.88	54.37	-19.63	74	40.33	34.4	12.21	32.57	100	117	P	V
		5350.56	42.67	-11.33	54	28.63	34.4	12.21	32.57	100	117	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)	Over Limit (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	49.28	-19.02	68.3	47.51	37.51	15.37	51.11	-	-	P	H
HT20		15780	47.35	-26.65	74	42.25	40.3	17.9	53.1	-	-	P	H
CH 52		10520	49.16	-19.14	68.3	47.39	37.51	15.37	51.11	-	-	P	V
5260MHz		15780	47.46	-26.54	74	42.36	40.3	17.9	53.1	-	-	P	V
802.11n		10600	47.11	-26.89	74	45.16	37.56	15.55	51.16	-	-	P	H
HT20		15900	47.34	-26.66	74	42.27	40.41	17.97	53.31	-	-	P	H
CH 60		10600	47.81	-26.19	74	45.86	37.56	15.55	51.16	-	-	P	V
5300MHz		15900	47.67	-26.33	74	42.6	40.41	17.97	53.31	-	-	P	V
802.11n		10640	47.76	-26.24	74	45.71	37.58	15.65	51.18	-	-	P	H
HT20		15960	47.39	-26.61	74	42.35	40.47	18.01	53.44	-	-	P	H
CH 64		10640	47.64	-26.36	74	45.59	37.58	15.65	51.18	-	-	P	V
5320MHz		15960	47.36	-26.64	74	42.32	40.47	18.01	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)	Over Limit (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		5145.95	52.53	-21.47	74	38.91	34	12.15	32.53	346	56	P	H
		5130.9	43.72	-10.28	54	30.13	33.97	12.15	32.53	346	56	A	H
		5270	105.67	-----	-----	91.7	34.33	12.19	32.55	346	56	P	H
		5270	99.16	-----	-----	85.19	34.33	12.19	32.55	346	56	A	H
		5359.2	56.19	-17.81	74	42.15	34.4	12.21	32.57	346	56	P	H
		5376.48	44.15	-9.85	54	30.11	34.4	12.22	32.58	346	56	A	H
		5058.45	51.55	-22.45	74	38.1	33.83	12.13	32.51	339	272	P	V
		5146.3	42.81	-11.19	54	29.19	34	12.15	32.53	339	272	A	V
		5270	99.19	-----	-----	85.22	34.33	12.19	32.55	339	272	P	V
		5270	92.59	-----	-----	78.62	34.33	12.19	32.55	339	272	A	V
		5412.24	52.57	-21.43	74	38.52	34.4	12.23	32.58	339	272	P	V
		5363.52	42.86	-11.14	54	28.82	34.4	12.21	32.57	339	272	A	V
802.11n HT40 CH 62 5310MHz		5128.1	51.57	-22.43	74	37.98	33.97	12.15	32.53	342	38	P	H
		5140	43.07	-10.93	54	29.45	34	12.15	32.53	342	38	A	H
		5310	101.09	-----	-----	87.05	34.4	12.2	32.56	342	38	P	H
		5310	95.66	-----	-----	81.62	34.4	12.2	32.56	342	38	A	H
		5350.56	63.41	-10.59	74	49.37	34.4	12.21	32.57	342	38	P	H
		5350.32	48.31	-5.69	54	34.27	34.4	12.21	32.57	342	38	A	H
		5005.25	51.36	-22.64	74	37.95	33.8	12.11	32.5	333	272	P	V
		5145.6	42.52	-11.48	54	28.9	34	12.15	32.53	333	272	A	V
		5310	92.6	-----	-----	78.56	34.4	12.2	32.56	333	272	P	V
		5310	86.41	-----	-----	72.37	34.4	12.2	32.56	333	272	A	V
		5351.04	57.52	-16.48	74	43.48	34.4	12.21	32.57	333	272	P	V
		5350.32	43.56	-10.44	54	29.52	34.4	12.21	32.57	333	272	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)	Over Limit (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	47.91	-20.39	68.3	46.1	37.52	15.41	51.12	-	-	P	H
HT40		15810	47.62	-26.38	74	42.53	40.33	17.92	53.16	-	-	P	H
CH 54		10540	48.06	-20.24	68.3	46.25	37.52	15.41	51.12	-	-	P	V
5270MHz		15810	47.35	-26.65	74	42.26	40.33	17.92	53.16	-	-	P	V
802.11n		10620	47.23	-26.77	74	45.23	37.57	15.6	51.17	-	-	P	H
HT40		15930	47.11	-26.89	74	42.06	40.44	17.99	53.38	-	-	P	H
CH 62		10620	47.32	-26.68	74	45.32	37.57	15.6	51.17	-	-	P	V
5310MHz		15930	47.4	-26.6	74	42.35	40.44	17.99	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)	Over Limit (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		5109.55	51.96	-22.04	74	38.41	33.93	12.14	32.52	100	63	P	H
		5144.55	44.21	-9.79	54	30.59	34	12.15	32.53	100	63	A	H
		5290	95.73	-----	-----	81.73	34.37	12.19	32.56	100	63	P	H
		5290	89.34	-----	-----	75.34	34.37	12.19	32.56	100	63	A	H
		5361.12	54.62	-19.38	74	40.58	34.4	12.21	32.57	100	63	P	H
		5350.8	47.84	-6.16	54	33.8	34.4	12.21	32.57	100	63	A	H
		5103.6	51.12	-22.88	74	37.6	33.9	12.14	32.52	100	99	P	V
		5121.8	43.95	-10.05	54	30.41	33.93	12.14	32.53	100	99	A	V
		5290	87.5	-----	-----	73.5	34.37	12.19	32.56	100	99	P	V
		5290	80.75	-----	-----	66.75	34.37	12.19	32.56	100	99	A	V
		5379.6	51.93	-22.07	74	37.89	34.4	12.22	32.58	100	99	P	V
		5439.36	44.22	-9.78	54	30.18	34.4	12.23	32.59	100	99	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)	Over Limit (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	48.8	-19.5	68.3	46.89	37.55	15.51	51.15	-	-	P	H
		15870	47.39	-26.61	74	42.33	40.39	17.95	53.28	-	-	P	H
		10580	48.35	-19.95	68.3	46.44	37.55	15.51	51.15	-	-	P	V
		15870	47.15	-26.85	74	42.09	40.39	17.95	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)	Over Limit (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		5457.68	55.17	-18.83	74	41.12	34.4	12.24	32.59	103	60	P	H
		5469.36	61.91	-6.39	68.3	47.86	34.4	12.24	32.59	103	60	P	H
		5458.64	44.58	-9.42	54	30.53	34.4	12.24	32.59	103	60	A	H
		5500	106.41	-----	-----	92.36	34.4	12.25	32.6	103	60	P	H
		5500	100.01	-----	-----	85.96	34.4	12.25	32.6	103	60	A	H
		5413.36	52.51	-21.49	74	38.46	34.4	12.23	32.58	400	214	P	V
		5467.76	52.02	-16.28	68.3	37.97	34.4	12.24	32.59	400	214	P	V
		5422.32	42.16	-11.84	54	28.11	34.4	12.23	32.58	400	214	A	V
		5500	96.22	-----	-----	82.17	34.4	12.25	32.6	400	214	P	V
		5500	89.22	-----	-----	75.17	34.4	12.25	32.6	400	214	A	V
802.11a CH 116 5580MHz		5457.28	54.14	-19.86	74	40.09	34.4	12.24	32.59	101	57	P	H
		5461.6	53.81	-14.49	68.3	39.76	34.4	12.24	32.59	101	57	P	H
		5457.76	43.46	-10.54	54	29.41	34.4	12.24	32.59	101	57	A	H
		5580	110.67	-----	-----	96.7	34.3	12.27	32.6	101	57	P	H
		5580	103.67	-----	-----	89.7	34.3	12.27	32.6	101	57	A	H
		5741.06	52.66	-15.64	68.3	38.46	34.5	12.3	32.6	101	57	P	H
		5431.6	51.93	-22.07	74	37.89	34.4	12.23	32.59	394	218	P	V
		5464	52.35	-15.95	68.3	38.3	34.4	12.24	32.59	394	218	P	V
		5457.76	42.06	-11.94	54	28.01	34.4	12.24	32.59	394	218	A	V
		5580	102.63	-----	-----	88.66	34.3	12.27	32.6	394	218	P	V
		5580	95.63	-----	-----	81.66	34.3	12.27	32.6	394	218	A	V
		5748.935	51.82	-16.48	68.3	37.62	34.5	12.3	32.6	394	218	P	V
802.11a CH 140 5700MHz		5700	105.49	-----	-----	91.4	34.4	12.29	32.6	100	59	P	H
		5700	99.24	-----	-----	85.15	34.4	12.29	32.6	100	59	A	H
		5726.2	58.95	-9.35	68.3	44.78	34.47	12.3	32.6	100	59	P	H
		5700	97.55	-----	-----	83.46	34.4	12.29	32.6	400	217	P	V
		5700	90.9	-----	-----	76.81	34.4	12.29	32.6	400	217	A	V
		5725.96	53.75	-14.55	68.3	39.58	34.47	12.3	32.6	400	217	P	V



Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.
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5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	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	47.89	-26.11	74	45	37.8	16.49	51.4	-	-	P	H
		16500	49.19	-19.11	68.3	42.38	41.31	18.2	52.7	-	-	P	H
		11000	47.47	-26.53	74	44.58	37.8	16.49	51.4	-	-	P	V
		16500	49.15	-19.15	68.3	42.34	41.31	18.2	52.7	-	-	P	V
802.11a CH 116 5580MHz		11160	47.89	-26.11	74	44.72	37.94	16.5	51.27	-	-	P	H
		16740	49.88	-18.42	68.3	43.04	41.69	18.28	53.13	-	-	P	H
		11160	47.13	-26.87	74	43.96	37.94	16.5	51.27	-	-	P	V
		16740	49.16	-19.14	68.3	42.32	41.69	18.28	53.13	-	-	P	V
802.11a CH 140 5700MHz		11400	47.4	-26.6	74	43.83	38.13	16.52	51.08	-	-	P	H
		17100	49.1	-19.2	68.3	42.21	42	18.41	53.52	-	-	P	H
		11400	47.97	-26.03	74	44.4	38.13	16.52	51.08	-	-	P	V
		17100	48.44	-19.86	68.3	41.55	42	18.41	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)	Over Limit (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		5459.92	61.12	-12.88	74	47.07	34.4	12.24	32.59	100	58	P	H
		5469.84	63.26	-5.04	68.3	49.21	34.4	12.24	32.59	100	58	P	H
		5459.76	45.66	-8.34	54	31.61	34.4	12.24	32.59	100	58	A	H
		5500	107.56	-----	-----	93.51	34.4	12.25	32.6	100	58	P	H
		5500	101.26	-----	-----	87.21	34.4	12.25	32.6	100	58	A	H
		5457.04	52.35	-21.65	74	38.3	34.4	12.24	32.59	111	126	P	V
		5463.28	51.56	-16.74	68.3	37.51	34.4	12.24	32.59	111	126	P	V
		5458.96	42.12	-11.88	54	28.07	34.4	12.24	32.59	111	126	A	V
		5500	95.33	-----	-----	81.28	34.4	12.25	32.6	111	126	P	V
		5500	89.41	-----	-----	75.36	34.4	12.25	32.6	111	126	A	V
802.11n HT20 CH 116 5580MHz		5417.2	54.16	-19.84	74	40.11	34.4	12.23	32.58	100	62	P	H
		5465.44	53.47	-14.83	68.3	39.42	34.4	12.24	32.59	100	62	P	H
		5457.76	43.96	-10.04	54	29.91	34.4	12.24	32.59	100	62	A	H
		5580	110.65	-----	-----	96.68	34.3	12.27	32.6	100	62	P	H
		5580	104.15	-----	-----	90.18	34.3	12.27	32.6	100	62	A	H
		5730.35	52.63	-15.67	68.3	38.46	34.47	12.3	32.6	100	62	P	H
		5388.88	52.01	-21.99	74	37.97	34.4	12.22	32.58	100	120	P	V
		5465.92	51.57	-16.73	68.3	37.52	34.4	12.24	32.59	100	120	P	V
		5408.32	42.02	-11.98	54	27.98	34.4	12.22	32.58	100	120	A	V
		5580	99.21	-----	-----	85.24	34.3	12.27	32.6	100	120	P	V
		5580	92.64	-----	-----	78.67	34.3	12.27	32.6	100	120	A	V
		5725.31	50.7	-17.6	68.3	36.53	34.47	12.3	32.6	100	120	P	V



802.11n HT20 CH 140 5700MHz		5700	105.15	-----	-----	91.06	34.4	12.29	32.6	100	61	P	H
		5700	98.68	-----	-----	84.59	34.4	12.29	32.6	100	61	A	H
		5725.32	62.83	-5.47	68.3	48.66	34.47	12.3	32.6	100	61	P	H
		5700	94.25	-----	-----	80.16	34.4	12.29	32.6	102	11	P	V
		5700	88.82	-----	-----	74.73	34.4	12.29	32.6	102	11	A	V
		5725.88	53.79	-14.51	68.3	39.62	34.47	12.3	32.6	102	11	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)	Over Limit (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	47.77	-26.23	74	44.88	37.8	16.49	51.4	-	-	P	H
		16500	49.2	-19.1	68.3	42.39	41.31	18.2	52.7	-	-	P	H
		11000	47.73	-26.27	74	44.84	37.8	16.49	51.4	-	-	P	V
		16500	49.82	-18.48	68.3	43.01	41.31	18.2	52.7	-	-	P	V
802.11n HT20 CH 116 5580MHz		11160	47.18	-26.82	74	44.01	37.94	16.5	51.27	-	-	P	H
		16740	49.47	-18.83	68.3	42.63	41.69	18.28	53.13	-	-	P	H
		11160	47.5	-26.5	74	44.33	37.94	16.5	51.27	-	-	P	V
		16740	49.34	-18.96	68.3	42.5	41.69	18.28	53.13	-	-	P	V
802.11n HT20 CH 140 5700MHz		11400	47.06	-26.94	74	43.49	38.13	16.52	51.08	-	-	P	H
		17100	48.88	-19.42	68.3	41.99	42	18.41	53.52	-	-	P	H
		11400	47.01	-26.99	74	43.44	38.13	16.52	51.08	-	-	P	V
		17100	49.83	-18.47	68.3	42.94	42	18.41	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)	Over Limit (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		5459.44	52.41	-21.59	74	38.36	34.4	12.24	32.59	336	41	P	H
		5469.76	63.06	-5.24	68.3	49.01	34.4	12.24	32.59	336	41	P	H
		5459.92	43.81	-10.19	54	29.76	34.4	12.24	32.59	336	41	A	H
		5510	100.05	-----	-----	86	34.4	12.25	32.6	336	41	P	H
		5510	93.16	-----	-----	79.11	34.4	12.25	32.6	336	41	A	H
		5749.565	51.55	-16.75	68.3	37.35	34.5	12.3	32.6	336	41	P	H
		5417.92	52.55	-21.45	74	38.5	34.4	12.23	32.58	379	337	P	V
		5469.04	53.02	-15.28	68.3	38.97	34.4	12.24	32.59	379	337	P	V
		5408.56	42.82	-11.18	54	28.78	34.4	12.22	32.58	379	337	A	V
		5510	91.74	-----	-----	77.69	34.4	12.25	32.6	379	337	P	V
		5510	84.27	-----	-----	70.22	34.4	12.25	32.6	379	337	A	V
		5735.075	52.3	-16	68.3	38.1	34.5	12.3	32.6	379	337	P	V
802.11n HT40 CH 110 5550MHz		5459.68	57.37	-16.63	74	43.32	34.4	12.24	32.59	332	42	P	H
		5469.52	59.77	-8.53	68.3	45.72	34.4	12.24	32.59	332	42	P	H
		5458.72	45.49	-8.51	54	31.44	34.4	12.24	32.59	332	42	A	H
		5550	106.29	-----	-----	92.33	34.3	12.26	32.6	332	42	P	H
		5550	100.56	-----	-----	86.6	34.3	12.26	32.6	332	42	A	H
		5726.885	51.99	-16.31	68.3	37.82	34.47	12.3	32.6	332	42	P	H
		5443.84	52.44	-21.56	74	38.4	34.4	12.23	32.59	398	338	P	V
		5464	51.11	-17.19	68.3	37.06	34.4	12.24	32.59	398	338	P	V
		5436.16	42.47	-11.53	54	28.43	34.4	12.23	32.59	398	338	A	V
		5550	98.18	-----	-----	84.22	34.3	12.26	32.6	398	338	P	V
		5550	92.18	-----	-----	78.22	34.3	12.26	32.6	398	338	A	V
		5745.785	51.2	-17.1	68.3	37	34.5	12.3	32.6	398	338	P	V



802.11n HT40 CH 134 5670MHz		5404.6	52.74	-21.26	74	38.7	34.4	12.22	32.58	318	42	P	H
		5462.35	52.25	-16.05	68.3	38.2	34.4	12.24	32.59	318	42	P	H
		5376.6	42.8	-11.2	54	28.76	34.4	12.22	32.58	318	42	A	H
		5670	103.97	-----	-----	89.89	34.4	12.28	32.6	318	42	P	H
		5670	97.1	-----	-----	83.02	34.4	12.28	32.6	318	42	A	H
		5724.925	62.41	-5.89	68.3	48.25	34.47	12.29	32.6	318	42	P	H
		5389.9	51.3	-22.7	74	37.26	34.4	12.22	32.58	397	343	P	V
		5463.75	51.23	-17.07	68.3	37.18	34.4	12.24	32.59	397	343	P	V
		5454.3	42.67	-11.33	54	28.62	34.4	12.24	32.59	397	343	A	V
		5670	96.77	-----	-----	82.69	34.4	12.28	32.6	397	343	P	V
		5670	90.76	-----	-----	76.68	34.4	12.28	32.6	397	343	A	V
		5724.925	53.87	-14.43	68.3	39.71	34.47	12.29	32.6	397	343	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 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		11020	47.28	-26.72	74	44.37	37.81	16.49	51.39	-	-	P	H
HT40		16530	50.25	-18.05	68.3	43.43	41.37	18.21	52.76	-	-	P	H
CH 102		11020	47.61	-26.39	74	44.7	37.81	16.49	51.39	-	-	P	V
5510MHz		16530	49.47	-18.83	68.3	42.65	41.37	18.21	52.76	-	-	P	V
802.11n		11100	47.65	-26.35	74	44.59	37.88	16.5	51.32	-	-	P	H
HT40		16650	48	-20.3	68.3	41.17	41.56	18.25	52.98	-	-	P	H
CH 110		11100	47.35	-26.65	74	44.29	37.88	16.5	51.32	-	-	P	V
5550MHz		16650	48.04	-20.26	68.3	41.21	41.56	18.25	52.98	-	-	P	V
802.11n		11340	47.53	-26.47	74	44.07	38.07	16.52	51.13	-	-	P	H
HT40		17010	48.31	-19.99	68.3	41.45	42.08	18.37	53.59	-	-	P	H
CH 134		11340	47.68	-26.32	74	44.22	38.07	16.52	51.13	-	-	P	V
5670MHz		17010	48.12	-20.18	68.3	41.26	42.08	18.37	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)	Over Limit (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		5458.24	54.96	-19.04	74	40.91	34.4	12.24	32.59	100	57	P	H
		5465.44	58.89	-9.41	68.3	44.84	34.4	12.24	32.59	100	57	P	H
		5458	47.52	-6.48	54	33.47	34.4	12.24	32.59	100	57	A	H
		5530	96.14	-----	-----	82.11	34.37	12.26	32.6	100	57	P	H
		5530	89.75	-----	-----	75.72	34.37	12.26	32.6	100	57	A	H
		5742.95	52.1	-16.2	68.3	37.9	34.5	12.3	32.6	100	57	P	H
		5443.6	51.83	-22.17	74	37.79	34.4	12.23	32.59	400	188	P	V
		5461.84	50.57	-17.73	68.3	36.52	34.4	12.24	32.59	400	188	P	V
		5397.52	44.11	-9.89	54	30.07	34.4	12.22	32.58	400	188	A	V
		5530	88.77	-----	-----	74.74	34.37	12.26	32.6	400	188	P	V
		5530	82.09	-----	-----	68.06	34.37	12.26	32.6	400	188	A	V
		5748.935	51.67	-16.63	68.3	37.47	34.5	12.3	32.6	400	188	P	V
802.11ac VHT80 CH 122 5610MHz		5440.24	56.56	-17.44	74	42.52	34.4	12.23	32.59	100	57	P	H
		5467.84	60.58	-7.72	68.3	46.53	34.4	12.24	32.59	100	57	P	H
		5458.48	47.32	-6.68	54	33.27	34.4	12.24	32.59	100	57	A	H
		5610	104.55	-----	-----	90.58	34.3	12.27	32.6	100	57	P	H
		5610	97.21	-----	-----	83.24	34.3	12.27	32.6	100	57	A	H
		5724.925	62.45	-5.85	68.3	48.29	34.47	12.29	32.6	100	57	P	H
		5408.08	52.64	-21.36	74	38.6	34.4	12.22	32.58	372	210	P	V
		5464.72	52.28	-16.02	68.3	38.23	34.4	12.24	32.59	372	210	P	V
		5385.52	44.46	-9.54	54	30.42	34.4	12.22	32.58	372	210	A	V
		5610	95.01	-----	-----	81.04	34.3	12.27	32.6	372	210	P	V
		5610	88.22	-----	-----	74.25	34.3	12.27	32.6	372	210	A	V
		5725.1	54.02	-14.28	68.3	39.85	34.47	12.3	32.6	372	210	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)	Over Limit (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	47.57	-26.43	74	44.58	37.85	16.49	51.35	-	-	P	H
VHT80		16590	50.39	-17.91	68.3	43.57	41.45	18.23	52.86	-	-	P	H
CH 106		11060	47.65	-26.35	74	44.66	37.85	16.49	51.35	-	-	P	V
5530MHz		16590	50.09	-18.21	68.3	43.27	41.45	18.23	52.86	-	-	P	V
802.11ac		11220	47.78	-26.22	74	44.52	37.98	16.51	51.23	-	-	P	H
VHT80		16830	48.84	-19.46	68.3	41.99	41.83	18.31	53.29	-	-	P	H
CH 122		11220	47.47	-26.53	74	44.21	37.98	16.51	51.23	-	-	P	V
5610MHz		16830	48.66	-19.64	68.3	41.81	41.83	18.31	53.29	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



5470~5725MHz

Emission below 1GHz

WIFI 802.11n HT20 (LF @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	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)
802.11n HT20 LF		45.52	22.36	-17.64	40	36.31	16.31	1.24	31.5	-	-	P	H
		96.93	29.57	-13.93	43.5	42.91	16.46	1.8	31.6	-	-	P	H
		151.25	24.89	-18.61	43.5	37.51	16.54	2.23	31.39	-	-	P	H
		308.39	22.53	-23.47	46	31.2	19.55	3.16	31.38	-	-	P	H
		649.83	27.08	-18.92	46	28.38	25.51	4.59	31.4	-	-	P	H
		974.78	31.3	-22.7	54	29.44	27.49	5.62	31.25	-	-	P	H
		44.55	29.6	-10.4	40	43.27	16.6	1.23	31.5	-	-	P	V
		95.96	23.95	-19.55	43.5	37.6	16.16	1.79	31.6	-	-	P	V
		217.21	20.64	-25.36	46	33.98	15.43	2.67	31.44	-	-	P	V
		384.05	21.94	-24.06	46	28.55	21.22	3.53	31.36	-	-	P	V
		762.35	26.88	-19.12	46	26.88	26.19	4.97	31.16	-	-	P	V
		920.46	29.51	-16.49	46	28.68	26.79	5.46	31.42	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



5725~5850MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 149 5745MHz		5642.2	53.89	-14.41	68.3	39.84	34.37	12.28	32.6	100	61	P	H
		5698.6	57.55	-46.62	104.17	43.46	34.4	12.29	32.6	100	61	P	H
		5716	75.83	-33.85	109.68	61.71	34.43	12.29	32.6	100	61	P	H
		5725	83.56	-38.64	122.2	69.39	34.47	12.3	32.6	100	61	P	H
		5745	111.63	-----	-----	97.43	34.5	12.3	32.6	100	61	P	H
		5745	104.54	-----	-----	90.34	34.5	12.3	32.6	100	61	A	H
		5613.6	53.01	-15.29	68.3	39.04	34.3	12.27	32.6	388	327	P	V
		5664.6	52.44	-26.67	79.11	38.36	34.4	12.28	32.6	388	327	P	V
		5718.2	65.91	-44.39	110.3	51.75	34.47	12.29	32.6	388	327	P	V
		5724.6	74.9	-46.39	121.29	60.74	34.47	12.29	32.6	388	327	P	V
		5745	102.86	-----	-----	88.66	34.5	12.3	32.6	388	327	P	V
		5745	96.76	-----	-----	82.56	34.5	12.3	32.6	388	327	A	V
802.11a CH 157 5785MHz		5642.8	53.12	-15.18	68.3	39.07	34.37	12.28	32.6	100	62	P	H
		5666.8	53.54	-27.19	80.73	39.46	34.4	12.28	32.6	100	62	P	H
		5705.2	54.32	-52.34	106.66	40.2	34.43	12.29	32.6	100	62	P	H
		5724	53.68	-66.24	119.92	39.52	34.47	12.29	32.6	100	62	P	H
		5785	110.46	-----	-----	96.12	34.63	12.31	32.6	100	62	P	H
		5785	104.09	-----	-----	89.75	34.63	12.31	32.6	100	62	A	H
		5851.4	52.45	-66.56	119.01	37.93	34.8	12.32	32.6	100	62	P	H
		5863.2	53.16	-55.34	108.5	38.57	34.87	12.32	32.6	100	62	P	H
		5890.4	53.37	-40.43	93.8	38.64	35	12.33	32.6	100	62	P	H
		5938.2	52.96	-15.34	68.3	38.15	35.07	12.34	32.6	100	62	P	H
		5646	53.51	-14.79	68.3	39.46	34.37	12.28	32.6	391	212	P	V
		5658	52.04	-22.19	74.23	37.96	34.4	12.28	32.6	391	212	P	V
		5713.4	52.22	-56.73	108.95	38.1	34.43	12.29	32.6	391	212	P	V
		5721.4	51.33	-62.66	113.99	37.17	34.47	12.29	32.6	391	212	P	V
		5785	102.38	-----	-----	88.04	34.63	12.31	32.6	391	212	P	V
		5785	95.9	-----	-----	81.56	34.63	12.31	32.6	391	212	A	V
		5853.4	51.36	-63.09	114.45	36.84	34.8	12.32	32.6	391	212	P	V



		5855.2	51.48	-59.26	110.74	36.89	34.87	12.32	32.6	391	212	P	V
		5923.2	52.67	-16.95	69.62	37.87	35.07	12.33	32.6	391	212	P	V
		5941.2	52.59	-15.71	68.3	37.75	35.1	12.34	32.6	391	212	P	V
802.11a CH 165 5825MHz		5825	109.73	-----	-----	95.24	34.77	12.32	32.6	100	49	P	H
		5825	103.72	-----	-----	89.23	34.77	12.32	32.6	100	49	A	H
		5851	71.72	-48.2	119.92	57.2	34.8	12.32	32.6	100	49	P	H
		5855	67.85	-42.95	110.8	53.26	34.87	12.32	32.6	100	49	P	H
		5875.4	56.28	-48.62	104.9	41.62	34.93	12.33	32.6	100	49	P	H
		5931.6	54.13	-14.17	68.3	39.32	35.07	12.34	32.6	100	49	P	H
		5825	102.43	-----	-----	87.94	34.77	12.32	32.6	393	338	P	V
		5825	96.77	-----	-----	82.28	34.77	12.32	32.6	393	338	A	V
		5851.2	64.61	-54.85	119.46	50.09	34.8	12.32	32.6	393	338	P	V
		5855.8	57.99	-52.59	110.58	43.4	34.87	12.32	32.6	393	338	P	V
		5903.8	52.89	-31.02	83.91	38.16	35	12.33	32.6	393	338	P	V
		5931.2	53.13	-15.17	68.3	38.32	35.07	12.34	32.6	393	338	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)	Over Limit (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	47.31	-26.69	74	43.6	38.19	16.53	51.01	-	-	P	H
		17235	49.56	-18.74	68.3	42.65	41.86	18.46	53.41	-	-	P	H
		11490	47.81	-26.19	74	44.1	38.19	16.53	51.01	-	-	P	V
		17235	49.9	-18.4	68.3	42.99	41.86	18.46	53.41	-	-	P	V
802.11a CH 157 5785MHz		11570	47.35	-26.65	74	43.53	38.26	16.55	50.99	-	-	P	H
		17355	49.42	-18.88	68.3	42.5	41.74	18.5	53.32	-	-	P	H
		11570	47.48	-26.52	74	43.66	38.26	16.55	50.99	-	-	P	V
		17355	49.34	-18.96	68.3	42.42	41.74	18.5	53.32	-	-	P	V
802.11a CH 165 5825MHz		11650	47.44	-26.56	74	43.52	38.32	16.57	50.97	-	-	P	H
		17475	47.1	-21.2	68.3	40.15	41.63	18.55	53.23	-	-	P	H
		11650	47.47	-26.53	74	43.55	38.32	16.57	50.97	-	-	P	V
		17475	48	-20.3	68.3	41.05	41.63	18.55	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)	Over Limit (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		5643.8	53.82	-14.48	68.3	39.77	34.37	12.28	32.6	100	60	P	H
		5698.6	63.23	-40.94	104.17	49.14	34.4	12.29	32.6	100	60	P	H
		5720	77.63	-33.17	110.8	63.47	34.47	12.29	32.6	100	60	P	H
		5724.8	83.52	-38.22	121.74	69.36	34.47	12.29	32.6	100	60	P	H
		5745	111.41	-----	-----	97.21	34.5	12.3	32.6	100	60	P	H
		5745	103.76	-----	-----	89.56	34.5	12.3	32.6	100	60	A	H
		5612.4	51.97	-16.33	68.3	38	34.3	12.27	32.6	393	211	P	V
		5699	52.85	-51.62	104.47	38.76	34.4	12.29	32.6	393	211	P	V
		5719.8	68.66	-42.08	110.74	54.5	34.47	12.29	32.6	393	211	P	V
		5723.4	73.85	-44.7	118.55	59.69	34.47	12.29	32.6	393	211	P	V
		5745	102.92	-----	-----	88.72	34.5	12.3	32.6	393	211	P	V
		5745	96.51	-----	-----	82.31	34.5	12.3	32.6	393	211	A	V
802.11n HT20 CH 157 5785MHz		5614.2	52.93	-15.37	68.3	38.96	34.3	12.27	32.6	100	61	P	H
		5670	53.65	-29.45	83.1	39.57	34.4	12.28	32.6	100	61	P	H
		5712.2	54.09	-54.53	108.62	39.97	34.43	12.29	32.6	100	61	P	H
		5720.4	53.86	-57.85	111.71	39.7	34.47	12.29	32.6	100	61	P	H
		5785	109.88	-----	-----	95.54	34.63	12.31	32.6	100	61	P	H
		5785	103.39	-----	-----	89.05	34.63	12.31	32.6	100	61	A	H
		5853.6	53.35	-60.64	113.99	38.76	34.87	12.32	32.6	100	61	P	H
		5855.2	53.97	-56.77	110.74	39.38	34.87	12.32	32.6	100	61	P	H
		5884.4	53.71	-44.53	98.24	39.05	34.93	12.33	32.6	100	61	P	H
		5946.6	53.85	-14.45	68.3	39.01	35.1	12.34	32.6	100	61	P	H
		5601	52.17	-16.13	68.3	38.2	34.3	12.27	32.6	392	212	P	V
		5689.6	52.25	-45.3	97.55	38.16	34.4	12.29	32.6	392	212	P	V
		5700	51.65	-53.55	105.2	37.56	34.4	12.29	32.6	392	212	P	V
		5722	51.14	-64.22	115.36	36.98	34.47	12.29	32.6	392	212	P	V
		5785	101.94	-----	-----	87.6	34.63	12.31	32.6	392	212	P	V
		5785	95.68	-----	-----	81.34	34.63	12.31	32.6	392	212	A	V
		5852.8	51.81	-64.01	115.82	37.29	34.8	12.32	32.6	392	212	P	V
		5866.8	51.91	-55.58	107.49	37.32	34.87	12.32	32.6	392	212	P	V



		5882.8	52.52	-46.9	99.42	37.86	34.93	12.33	32.6	392	212	P	V
		5949	52.65	-15.65	68.3	37.81	35.1	12.34	32.6	392	212	P	V
802.11n HT20 CH 165 5825MHz		5825	109.36	-----	-----	94.87	34.77	12.32	32.6	100	62	P	H
		5825	102.83	-----	-----	88.34	34.77	12.32	32.6	100	62	A	H
		5850.4	75.92	-45.37	121.29	61.4	34.8	12.32	32.6	100	62	P	H
		5855.8	71.16	-39.42	110.58	56.57	34.87	12.32	32.6	100	62	P	H
		5875.2	56.12	-48.93	105.05	41.46	34.93	12.33	32.6	100	62	P	H
		5930.6	53.49	-14.81	68.3	38.68	35.07	12.34	32.6	100	62	P	H
		5825	102.53	-----	-----	88.04	34.77	12.32	32.6	395	336	P	V
		5825	96.53	-----	-----	82.04	34.77	12.32	32.6	395	336	A	V
		5851	66.66	-53.26	119.92	52.14	34.8	12.32	32.6	395	336	P	V
		5855.4	62.15	-48.54	110.69	47.56	34.87	12.32	32.6	395	336	P	V
		5878	52.32	-50.66	102.98	37.66	34.93	12.33	32.6	395	336	P	V
		5926.8	52.62	-15.68	68.3	37.81	35.07	12.34	32.6	395	336	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)	Over Limit (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		11490	47.31	-26.69	74	43.6	38.19	16.53	51.01	-	-	P	H
HT20		17235	48.77	-19.53	68.3	41.86	41.86	18.46	53.41	-	-	P	H
CH 149		11490	47.89	-26.11	74	44.18	38.19	16.53	51.01	-	-	P	V
5745MHz		17235	48.85	-19.45	68.3	41.94	41.86	18.46	53.41	-	-	P	V
802.11n		11570	47.95	-26.05	74	44.13	38.26	16.55	50.99	-	-	P	H
HT20		17355	48.78	-19.52	68.3	41.86	41.74	18.5	53.32	-	-	P	H
CH 157		11570	47.32	-26.68	74	43.5	38.26	16.55	50.99	-	-	P	V
5785MHz		17355	48.21	-20.09	68.3	41.29	41.74	18.5	53.32	-	-	P	V
802.11n		11650	47.93	-26.07	74	44.01	38.32	16.57	50.97	-	-	P	H
HT20		17475	50.73	-17.57	68.3	43.78	41.63	18.55	53.23	-	-	P	H
CH 165		11650	47.83	-26.17	74	43.91	38.32	16.57	50.97	-	-	P	V
5825MHz		17475	49.29	-19.01	68.3	42.34	41.63	18.55	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)	Over Limit (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	54.39	-13.91	68.3	40.34	34.37	12.28	32.6	100	60	P	H
		5699.6	69.42	-35.49	104.91	55.33	34.4	12.29	32.6	100	60	P	H
		5719.8	81.16	-29.58	110.74	67	34.47	12.29	32.6	100	60	P	H
		5724.6	84.85	-36.44	121.29	70.69	34.47	12.29	32.6	100	60	P	H
		5755	106.83	-----	-----	92.56	34.57	12.3	32.6	100	60	P	H
		5755	100.64	-----	-----	86.37	34.57	12.3	32.6	100	60	A	H
		5850.8	55.94	-64.44	120.38	41.42	34.8	12.32	32.6	100	60	P	H
		5862.6	54.21	-54.46	108.67	39.62	34.87	12.32	32.6	100	60	P	H
		5917.6	52.97	-20.77	73.74	38.21	35.03	12.33	32.6	100	60	P	H
		5940	52.76	-15.54	68.3	37.92	35.1	12.34	32.6	100	60	P	H
		5631.4	52.86	-15.44	68.3	38.85	34.33	12.28	32.6	336	216	P	V
		5699.4	55.66	-49.1	104.76	41.57	34.4	12.29	32.6	336	216	P	V
		5720	70.85	-39.95	110.8	56.69	34.47	12.29	32.6	336	216	P	V
		5724.2	73.2	-47.18	120.38	59.04	34.47	12.29	32.6	336	216	P	V
		5755	97.45	-----	-----	83.18	34.57	12.3	32.6	336	216	P	V
		5755	91.21	-----	-----	76.94	34.57	12.3	32.6	336	216	A	V
		5854.2	51.8	-60.82	112.62	37.21	34.87	12.32	32.6	336	216	P	V
		5858.4	52.5	-57.35	109.85	37.91	34.87	12.32	32.6	336	216	P	V
		5906	52.5	-29.79	82.29	37.74	35.03	12.33	32.6	336	216	P	V
		5946.2	53.09	-15.21	68.3	38.25	35.1	12.34	32.6	336	216	P	V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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		5647.8	53.72	-14.58	68.3	39.67	34.37	12.28	32.6	100	60	P	H
		5698.2	54.96	-48.92	103.88	40.87	34.4	12.29	32.6	100	60	P	H
		5719	60.35	-50.17	110.52	46.19	34.47	12.29	32.6	100	60	P	H
		5724.8	61.12	-60.62	121.74	46.96	34.47	12.29	32.6	100	60	P	H
		5795	105.75	-----	-----	91.34	34.7	12.31	32.6	100	60	P	H
		5795	99.41	-----	-----	85	34.7	12.31	32.6	100	60	A	H
		5850.2	66.08	-55.66	121.74	51.56	34.8	12.32	32.6	100	60	P	H
		5856.6	62.98	-47.37	110.35	48.39	34.87	12.32	32.6	100	60	P	H
		5884	57.07	-41.46	98.53	42.41	34.93	12.33	32.6	100	60	P	H
		5942.2	53.42	-14.88	68.3	38.58	35.1	12.34	32.6	100	60	P	H
		5647.2	52.26	-16.04	68.3	38.21	34.37	12.28	32.6	349	208	P	V
		5694.4	53.28	-47.8	101.08	39.19	34.4	12.29	32.6	349	208	P	V
		5715.2	52	-57.46	109.46	37.88	34.43	12.29	32.6	349	208	P	V
		5720.8	52.41	-60.21	112.62	38.25	34.47	12.29	32.6	349	208	P	V
		5795	97.79	-----	-----	83.38	34.7	12.31	32.6	349	208	P	V
		5795	91.57	-----	-----	77.16	34.7	12.31	32.6	349	208	A	V
		5850.6	56.33	-64.5	120.83	41.81	34.8	12.32	32.6	349	208	P	V
		5858.2	54.02	-55.88	109.9	39.43	34.87	12.32	32.6	349	208	P	V
		5881	52.52	-48.24	100.76	37.86	34.93	12.33	32.6	349	208	P	V
		5927	53.19	-15.11	68.3	38.38	35.07	12.34	32.6	349	208	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 Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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		11510	47.82	-26.18	74	44.08	38.21	16.53	51	-	-	P	H
HT40		17265	50.06	-18.24	68.3	43.15	41.83	18.47	53.39	-	-	P	H
CH 151		11510	47.65	-26.35	74	43.91	38.21	16.53	51	-	-	P	V
5755MHz		17265	49.5	-18.8	68.3	42.59	41.83	18.47	53.39	-	-	P	V
802.11n		11590	47.45	-26.55	74	43.6	38.27	16.56	50.98	-	-	P	H
HT40		17385	48.78	-19.52	68.3	41.85	41.71	18.51	53.29	-	-	P	H
CH 159		11590	47	-27	74	43.15	38.27	16.56	50.98	-	-	P	V
5795MHz		17385	49.69	-18.61	68.3	42.76	41.71	18.51	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)	Over Limit (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		5649.2	60.39	-7.91	68.3	46.34	34.37	12.28	32.6	100	60	P	H
		5699.4	78.26	-26.5	104.76	64.17	34.4	12.29	32.6	100	60	P	H
		5716.4	81.53	-28.26	109.79	67.41	34.43	12.29	32.6	100	60	P	H
		5722.8	82.07	-35.11	117.18	67.91	34.47	12.29	32.6	100	60	P	H
		5775	104.16	-----	-----	89.82	34.63	12.31	32.6	100	60	P	H
		5775	97.85	-----	-----	83.51	34.63	12.31	32.6	100	60	A	H
		5851	74.15	-45.77	119.92	59.63	34.8	12.32	32.6	100	60	P	H
		5857.2	73.73	-36.45	110.18	59.14	34.87	12.32	32.6	100	60	P	H
		5875.2	64.87	-40.18	105.05	50.21	34.93	12.33	32.6	100	60	P	H
		5929.4	55.81	-12.49	68.3	41	35.07	12.34	32.6	100	60	P	H
		5649.8	54.85	-13.45	68.3	40.77	34.4	12.28	32.6	400	335	P	V
		5680.6	65.55	-25.37	90.92	51.46	34.4	12.29	32.6	400	335	P	V
		5706.8	65.64	-41.47	107.11	51.52	34.43	12.29	32.6	400	335	P	V
		5724.6	63.95	-57.34	121.29	49.79	34.47	12.29	32.6	400	335	P	V
		5775	97.33	-----	-----	82.99	34.63	12.31	32.6	400	335	P	V
		5775	90.92	-----	-----	76.58	34.63	12.31	32.6	400	335	A	V
		5850.8	58.37	-62.01	120.38	43.85	34.8	12.32	32.6	400	335	P	V
		5857	57.78	-52.46	110.24	43.19	34.87	12.32	32.6	400	335	P	V
		5879.8	55.28	-46.36	101.64	40.62	34.93	12.33	32.6	400	335	P	V
		5925.2	53.6	-14.7	68.3	38.79	35.07	12.34	32.6	400	335	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 (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		11550	47.39	-26.61	74	43.59	38.25	16.54	50.99			P	H
VHT80		17325	50.1	-18.2	68.3	43.18	41.78	18.49	53.35			P	H
CH 155		11550	47.33	-26.67	74	43.53	38.25	16.54	50.99			P	V
5775MHz		17325	50.2	-18.1	68.3	43.28	41.78	18.49	53.35			P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



5725~5850MHz

Emission below 1GHz

5GHz WIFI 802.11ac VHT80 (LF)

WIFI Ant.	Note	Frequency	Level	Over Limit	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)
5GHz 802.11ac VHT80 LF		45.52	18.97	-21.03	40	32.92	16.31	1.24	31.5	-	-	P	H
		177.44	20.52	-22.98	43.5	33.96	15.48	2.42	31.34	-	-	P	H
		220.12	18.75	-27.25	46	31.96	15.56	2.69	31.46	-	-	P	H
		372.41	22.56	-23.44	46	29.49	20.94	3.47	31.34	-	-	P	H
		515	25.41	-20.59	46	28.67	23.88	4.09	31.23	-	-	P	H
		578.05	25.9	-20.1	46	27.8	25.24	4.34	31.48	-	-	P	H
		30	24.19	-15.81	40	29.64	24.84	1.01	31.3	-	-	P	V
		106.63	31.79	-11.71	43.5	43.58	17.91	1.88	31.58	-	-	P	V
		178.41	20.06	-23.44	43.5	33.56	15.41	2.43	31.34	-	-	P	V
		410.24	21.84	-24.16	46	27.11	22.5	3.65	31.42	-	-	P	V
		470.38	22.54	-23.46	46	26.48	23.54	3.9	31.38	-	-	P	V
		576.11	25.85	-20.15	46	27.73	25.25	4.33	31.46	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



<Simultaneous transmission>

5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz & LTE Band13	*	5149.24	61.22	-12.78	74	47.6	34	12.15	32.53	301	71	P	H
	*	5149.5	46.48	-7.52	54	32.86	34	12.15	32.53	301	71	A	H
		5180	106.7	-----	-----	92.95	34.13	12.16	32.54	301	71	P	H
		5180	100.59	-----	-----	86.84	34.13	12.16	32.54	301	71	A	H
	*	5149.76	57.71	-16.29	74	44.09	34	12.15	32.53	362	123	P	V
	*	5148.98	43.37	-10.63	54	29.75	34	12.15	32.53	362	123	A	V
		5180	103.21	-----	-----	89.46	34.13	12.16	32.54	362	123	P	V
		5180	96.14	-----	-----	82.39	34.13	12.16	32.54	362	123	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz & LTE Band13		1564	45.62	-28.38	74	42.24	27.93	8.57	33.12	-	-	P	H
		2346	47.6	-26.4	74	38.61	32.1	9.59	32.7	-	-	P	H
		3128	50.54	-17.76	68.3	39.37	32.85	10.77	32.45	-	-	P	H
		10360	49.81	-18.49	68.3	48.16	37.39	15.31	51.05	-	-	P	H
		15540	47.38	-26.62	74	42.2	40.08	17.76	52.66	-	-	P	H
		1564	47.82	-26.18	74	44.44	27.93	8.57	33.12	-	-	P	V
		2346	47.71	-26.29	74	38.72	32.1	9.59	32.7	-	-	P	V
		3128	50.39	-17.91	68.3	39.22	32.85	10.77	32.45	-	-	P	V
		10360	49.03	-19.27	68.3	47.38	37.39	15.31	51.05	-	-	P	V
		15540	47.81	-26.19	74	42.63	40.08	17.76	52.66	-	-	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 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz & BLE CH19 & LTE Band13		1564	40.73	-33.27	74	56.18	27.93	8.57	51.95	-	-	P	H
		2346	43.48	-30.52	74	54.37	32.1	9.59	52.58	-	-	P	H
		3128	46.55	-21.75	68.3	55.2	32.85	10.77	52.27	-	-	P	H
		4880	45.49	-28.51	74	51.81	33.73	12.05	52.1	-	-	P	H
		7320	47.04	-26.96	74	48.87	35.77	14.17	51.77	-	-	P	H
		10360	48.84	-19.46	68.3	47.19	37.39	15.31	51.05	-	-	P	H
		15540	47.61	-26.39	74	42.43	40.08	17.76	52.66	-	-	P	H
		1564	40.22	-33.78	74	55.67	27.93	8.57	51.95	-	-	P	V
		2346	43.62	-30.38	74	54.51	32.1	9.59	52.58	-	-	P	V
		3128	46.21	-22.09	68.3	54.86	32.85	10.77	52.27	-	-	P	V
		4880	45.12	-28.88	74	51.44	33.73	12.05	52.1	-	-	P	V
		7320	46.65	-27.35	74	48.48	35.77	14.17	51.77	-	-	P	V
		10360	47.55	-20.75	68.3	45.9	37.39	15.31	51.05	-	-	P	V
		15540	47.9	-26.1	74	42.72	40.08	17.76	52.66	-	-	P	V
Remark	3. No other spurious found. 4. 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 over limit line.
P/A	Peak or Average
H/V	Horizontal or Vertical



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. 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. Over Limit(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. Over Limit(dB)
 = Level(dBμV/m) – Limit Line(dBμV/m)
 = 55.45(dBμV/m) – 74(dBμV/m)
 = -18.55(dB)

For Average Limit @ 2390MHz:

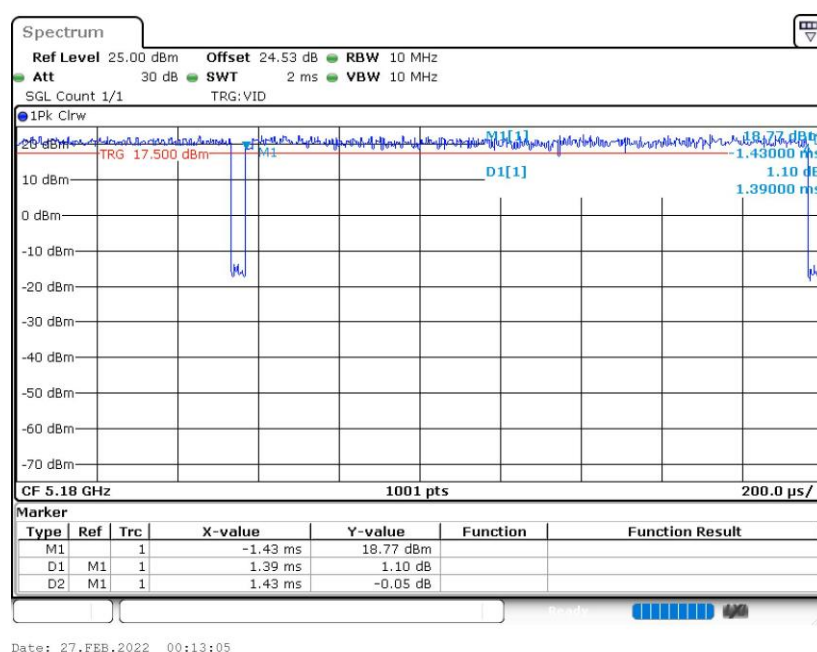
1. Level(dBμV/m)
 = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
 = 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)
 = 43.54 (dBμV/m)
2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)
 = 43.54(dBμV/m) – 54(dBμV/m)
 = -10.46(dB)

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

Appendix D. Duty Cycle Plots

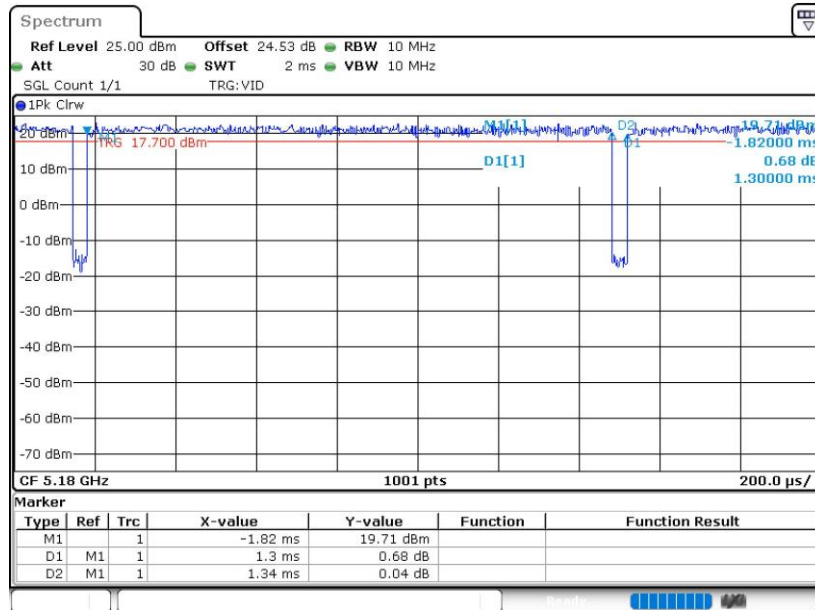
Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
802.11a	97.20	1.39	0.719	1KHz
802.11n HT20	97.01	1.3	0.769	1KHz
802.11n HT40	95.59	0.65	1.538	3KHz
802.11ac VHT80	88.89	0.32	3.125	10KHZ

802.11a



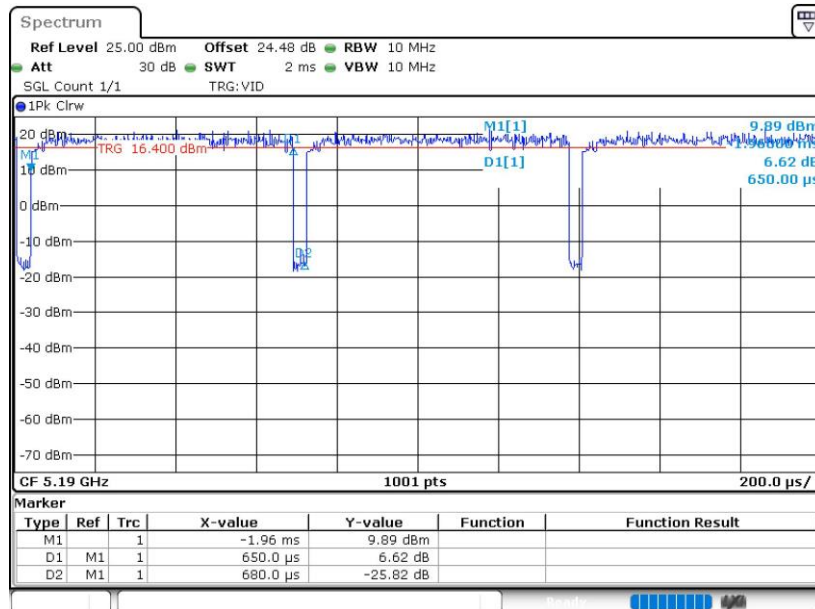


802.11n HT20



Date: 27.FEB.2022 00:31:53

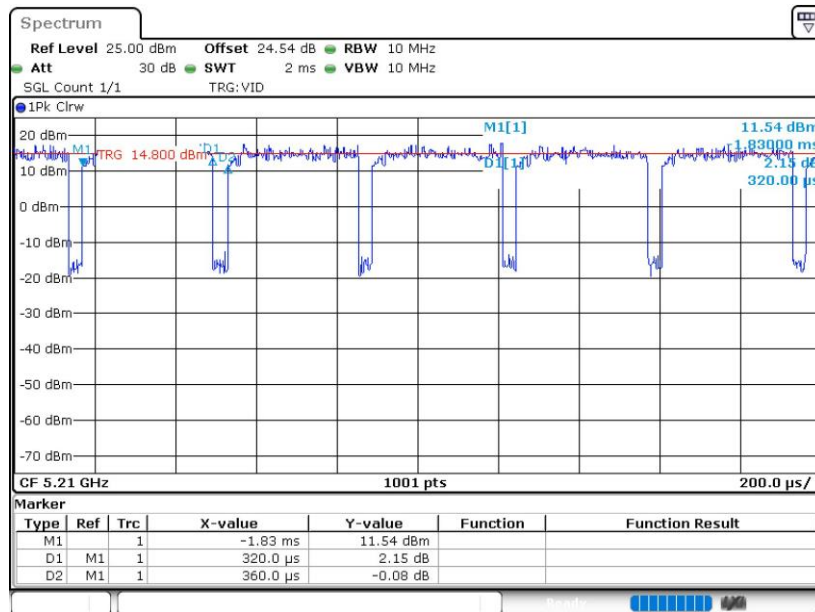
802.11n HT40



Date: 27.FEB.2022 01:14:05



802.11ac VHT80



Date: 27.FEB.2022 02:07:08