



Maximum power spectral density <Partial RU>

TestMode	Antenna	Channel	RuSize	RuIndex	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11AX20MIMO.	Ant1	5180	26Tone	RU1	2.21	≤11	PASS
	Ant2	5180	26Tone	RU1	2.70	≤11	PASS
	Total	5180	26Tone	RU1	5.47	≤11	PASS
	Ant1	5240	26Tone	RU9	2.53	≤11	PASS
	Ant2	5240	26Tone	RU9	2.53	≤11	PASS
	Total	5240	26Tone	RU9	5.54	≤11	PASS
	Ant1	5260	26Tone	RU1	2.8	≤11	PASS
	Ant2	5260	26Tone	RU1	3.02	≤11	PASS
	Total	5260	26Tone	RU1	5.92	≤11	PASS
	Ant1	5320	26Tone	RU9	2.62	≤11	PASS
	Ant2	5320	26Tone	RU9	2.83	≤11	PASS
	Total	5320	26Tone	RU9	5.74	≤11	PASS
	Ant1	5500	26Tone	RU1	2.95	≤11	PASS
	Ant2	5500	26Tone	RU1	1.90	≤11	PASS
	Total	5500	26Tone	RU1	5.47	≤11	PASS
	Ant1	5700	26Tone	RU9	2.71	≤11	PASS
	Ant2	5700	26Tone	RU9	3.56	≤11	PASS
	Total	5700	26Tone	RU9	6.17	≤11	PASS
	Ant1	5180	52Tone	RU37	1.86	≤11	PASS
			106Tone	RU53	3.03	≤11	PASS
	Ant2	5180	52Tone	RU37	2.45	≤11	PASS
			106Tone	RU53	2.83	≤11	PASS
	total	5180	52Tone	RU37	5.18	≤11	PASS
			106Tone	RU53	5.94	≤11	PASS
	Ant1	5240	52Tone	RU40	3.28	≤11	PASS
			106Tone	RU54	3.23	≤11	PASS
	Ant2	5240	52Tone	RU40	2.98	≤11	PASS
			106Tone	RU54	3.03	≤11	PASS
	total	5240	52Tone	RU40	6.14	≤11	PASS
			106Tone	RU54	6.14	≤11	PASS
	Ant1	5260	52Tone	RU37	3.16	≤11	PASS
			106Tone	RU53	2.95	≤11	PASS
Ant2	5260	52Tone	RU37	2.96	≤11	PASS	
		106Tone	RU53	2.85	≤11	PASS	
total	5260	52Tone	RU37	6.07	≤11	PASS	
		106Tone	RU53	5.91	≤11	PASS	
Ant1	5320	52Tone	RU40	2.99	≤11	PASS	



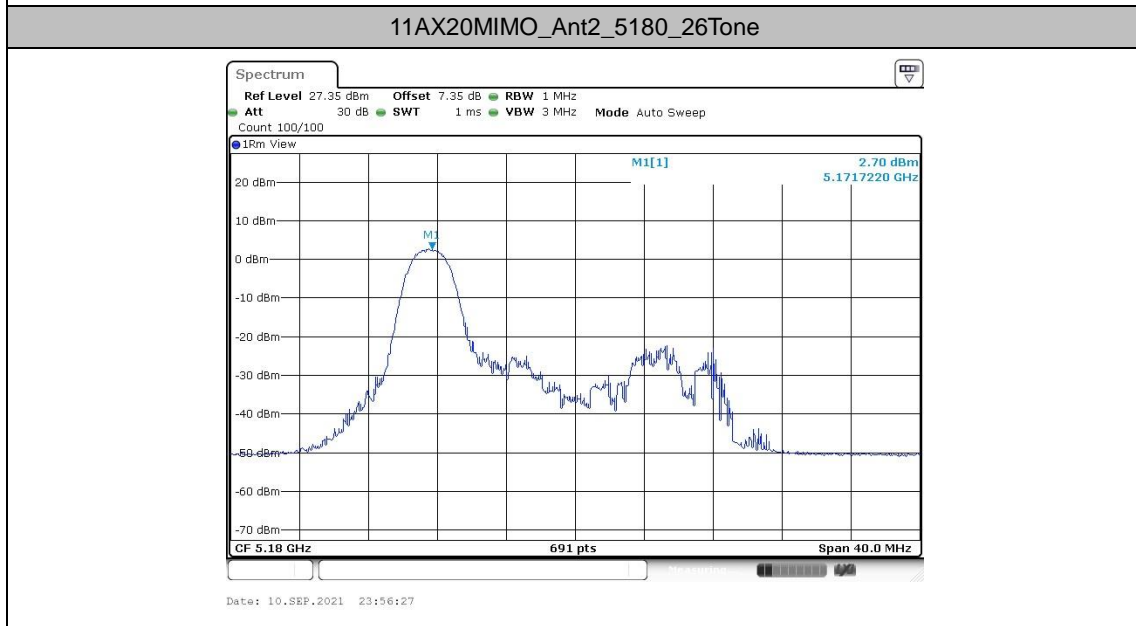
	Ant2	5320	106Tone	RU54	3.47	≤11	PASS
			52Tone	RU40	2.76	≤11	PASS
			106Tone	RU54	2.31	≤11	PASS
	total	5320	52Tone	RU40	5.89	≤11	PASS
			106Tone	RU54	5.94	≤11	PASS
	Ant1	5500	52Tone	RU37	4.22	≤11	PASS
			106Tone	RU53	3.95	≤11	PASS
	Ant2	5500	52Tone	RU37	1.64	≤11	PASS
			106Tone	RU53	1.68	≤11	PASS
	total	5500	52Tone	RU37	6.13	≤11	PASS
			106Tone	RU53	5.97	≤11	PASS
	Ant1	5700	52Tone	RU40	3.85	≤11	PASS
106Tone			RU54	4.21	≤11	PASS	
Ant2	5700	52Tone	RU40	3.56	≤11	PASS	
		106Tone	RU54	3.25	≤11	PASS	
total	5700	52Tone	RU40	6.72	≤11	PASS	
		106Tone	RU54	6.77	≤11	PASS	
11AX40MIMO	Ant1	5190	242Tone	RU1	0.59	≤11	PASS
	Ant2	5190	242Tone	RU1	0.56	≤11	PASS
	total	5190	242Tone	RU1	3.59	≤11	PASS
	Ant1	5230	242Tone	RU18	1.05	≤11	PASS
	Ant2	5230	242Tone	RU18	0.18	≤11	PASS
	total	5230	242Tone	RU18	3.65	≤11	PASS
	Ant1	5270	242Tone	RU1	1.2	≤11	PASS
	Ant2	5270	242Tone	RU1	0.75	≤11	PASS
	total	5270	242Tone	RU1	3.99	≤11	PASS
	Ant1	5310	242Tone	RU18	1.13	≤11	PASS
	Ant2	5310	242Tone	RU18	0.60	≤11	PASS
	total	5310	242Tone	RU18	3.88	≤11	PASS
	Ant1	5510	242Tone	RU1	0.89	≤11	PASS
	Ant2	5510	242Tone	RU1	-1.33	≤11	PASS
	total	5510	242Tone	RU1	2.93	≤11	PASS
	Ant1	5670	242Tone	RU18	1.15	≤11	PASS
	Ant2	5670	242Tone	RU18	0.10	≤11	PASS
	total	5670	242Tone	RU18	3.67	≤11	PASS
11AX80MIMO	Ant1	5210	484Tone	RU1	-3.73	≤11	PASS
	Ant2	5210	484Tone	RU1	-3.34	≤11	PASS
	total	5210	484Tone	RU1	-0.52	≤11	PASS
	Ant1	5290	484Tone	RU37	-2.73	≤11	PASS
	Ant2	5290	484Tone	RU37	-3.50	≤11	PASS
	total	5290	484Tone	RU37	-0.09	≤11	PASS

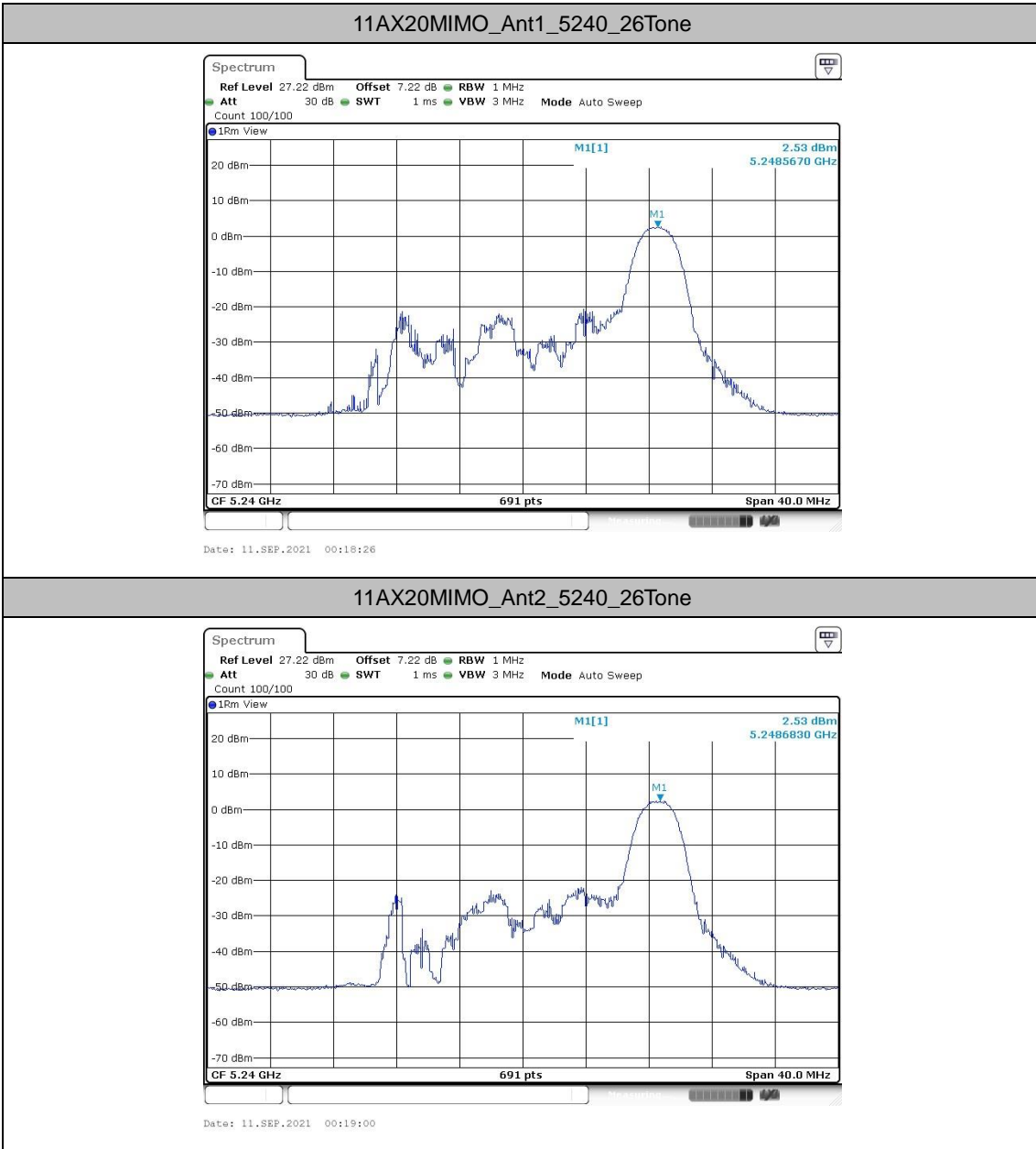


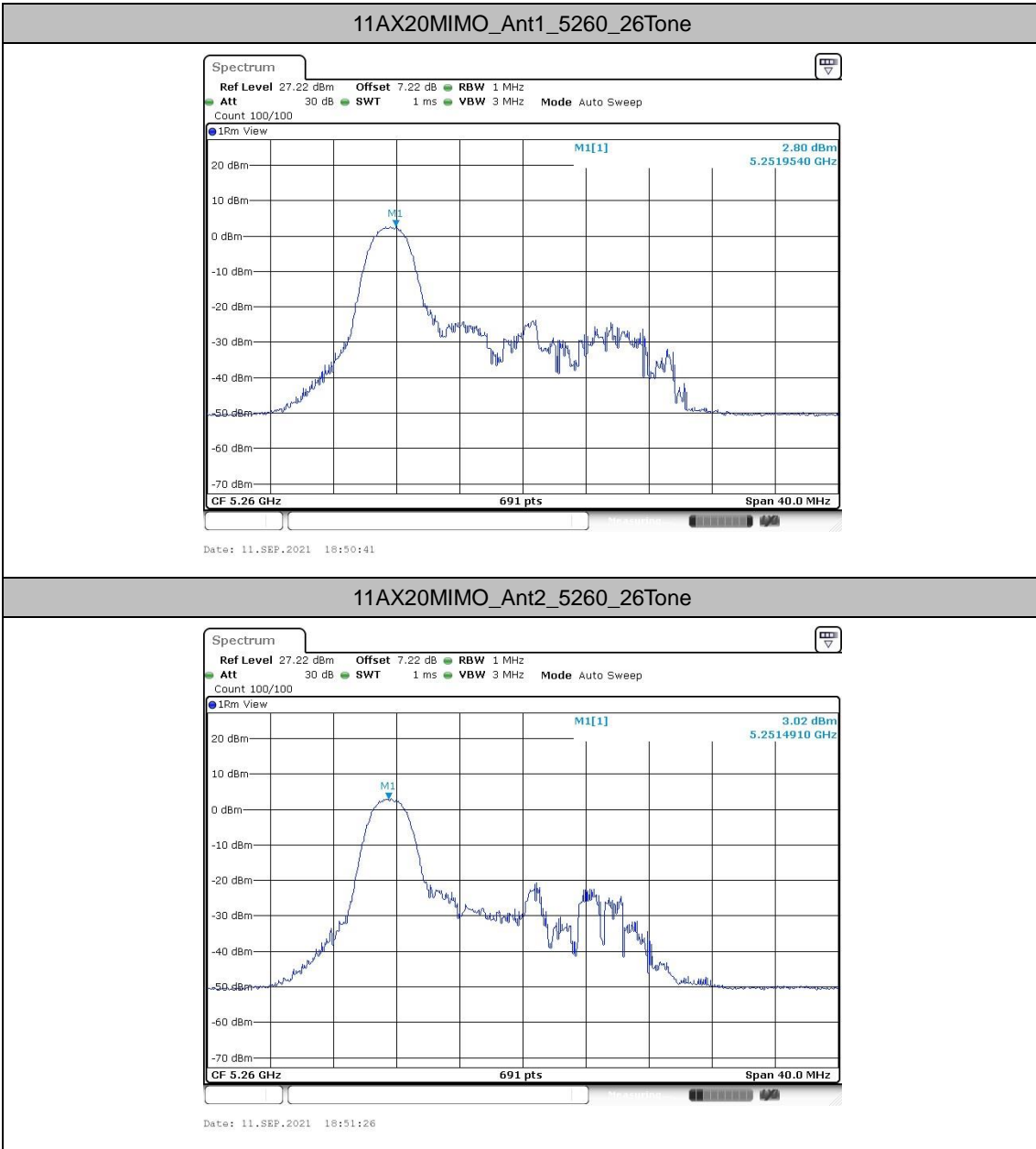
	Ant1	5530	484Tone	RU1	-2.34	≤11	PASS
	Ant2	5530	484Tone	RU1	-4.74	≤11	PASS
	total	5530	484Tone	RU1	-0.37	≤11	PASS
11AX160MIMO	Ant1	5250	996Tone	Left-RU1	-6.48	≤11	PASS
				Right-RU1	-5.51	≤11	PASS
	Ant1	5250	996Tone	Left-RU1	-5.87	≤11	PASS
				Right-RU1	-5.96	≤11	PASS
	total	5250	996Tone	Left-RU1	-3.15	≤11	PASS
				Right-RU1	-2.72	≤11	PASS

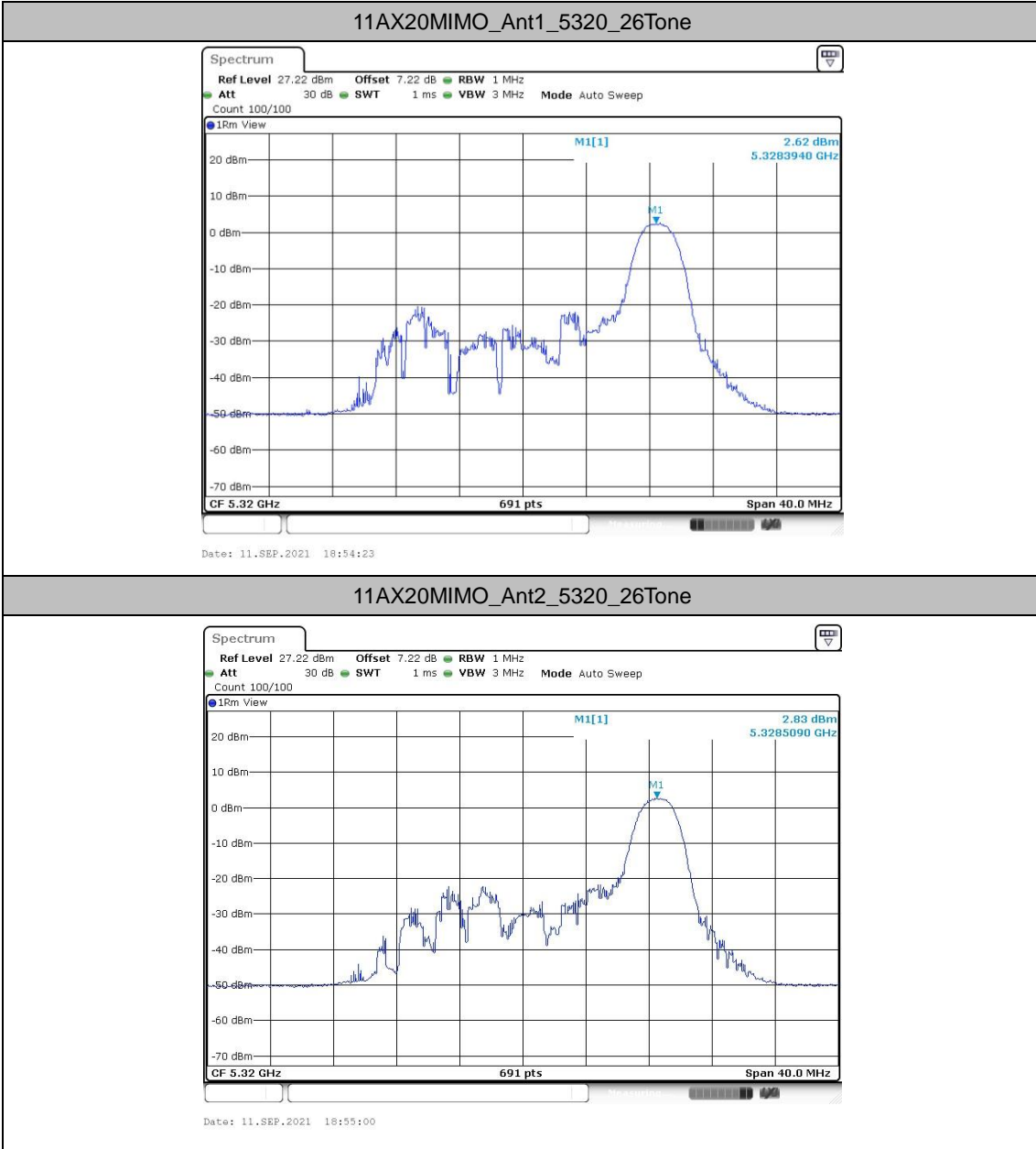


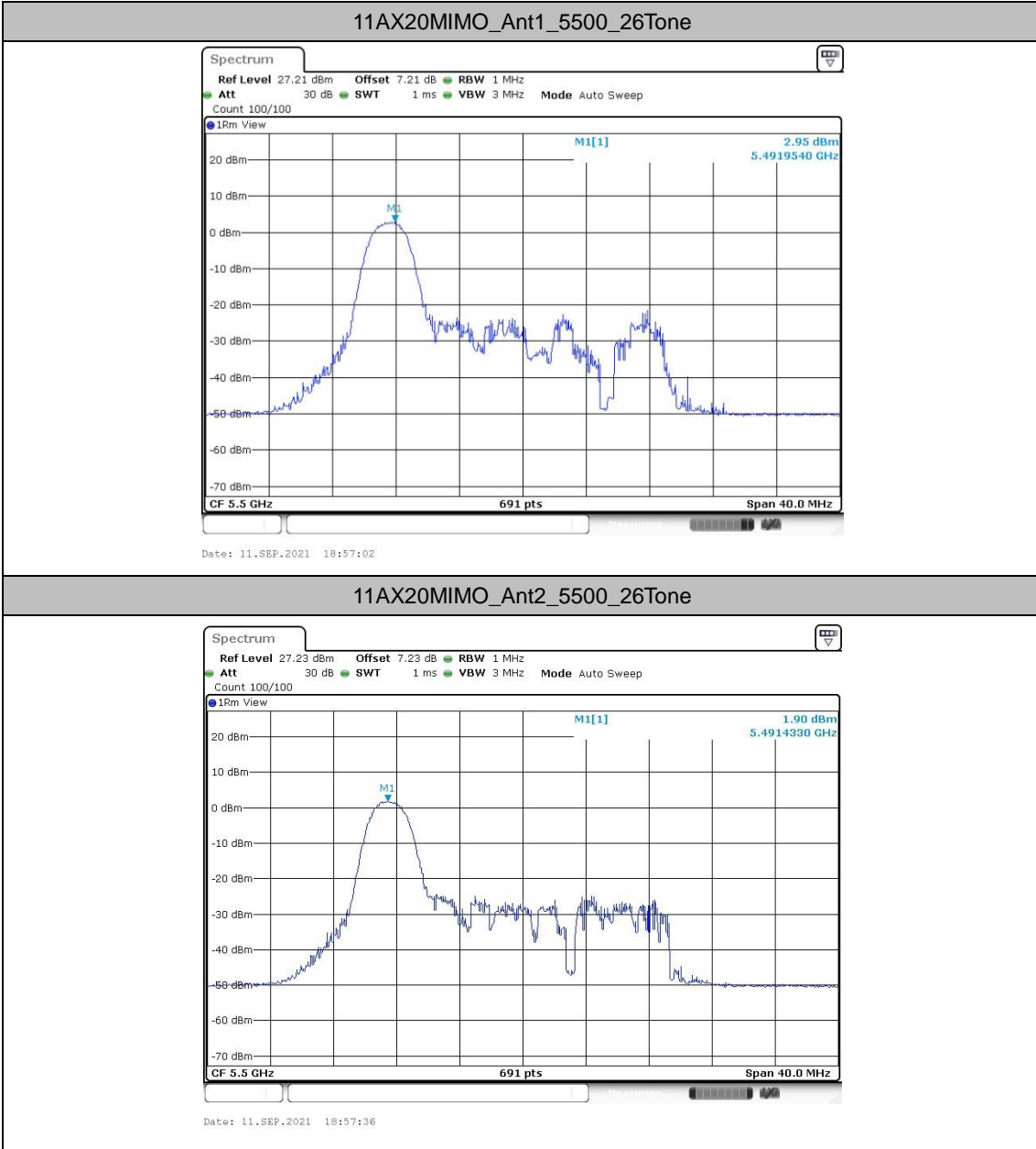
Test Graphs

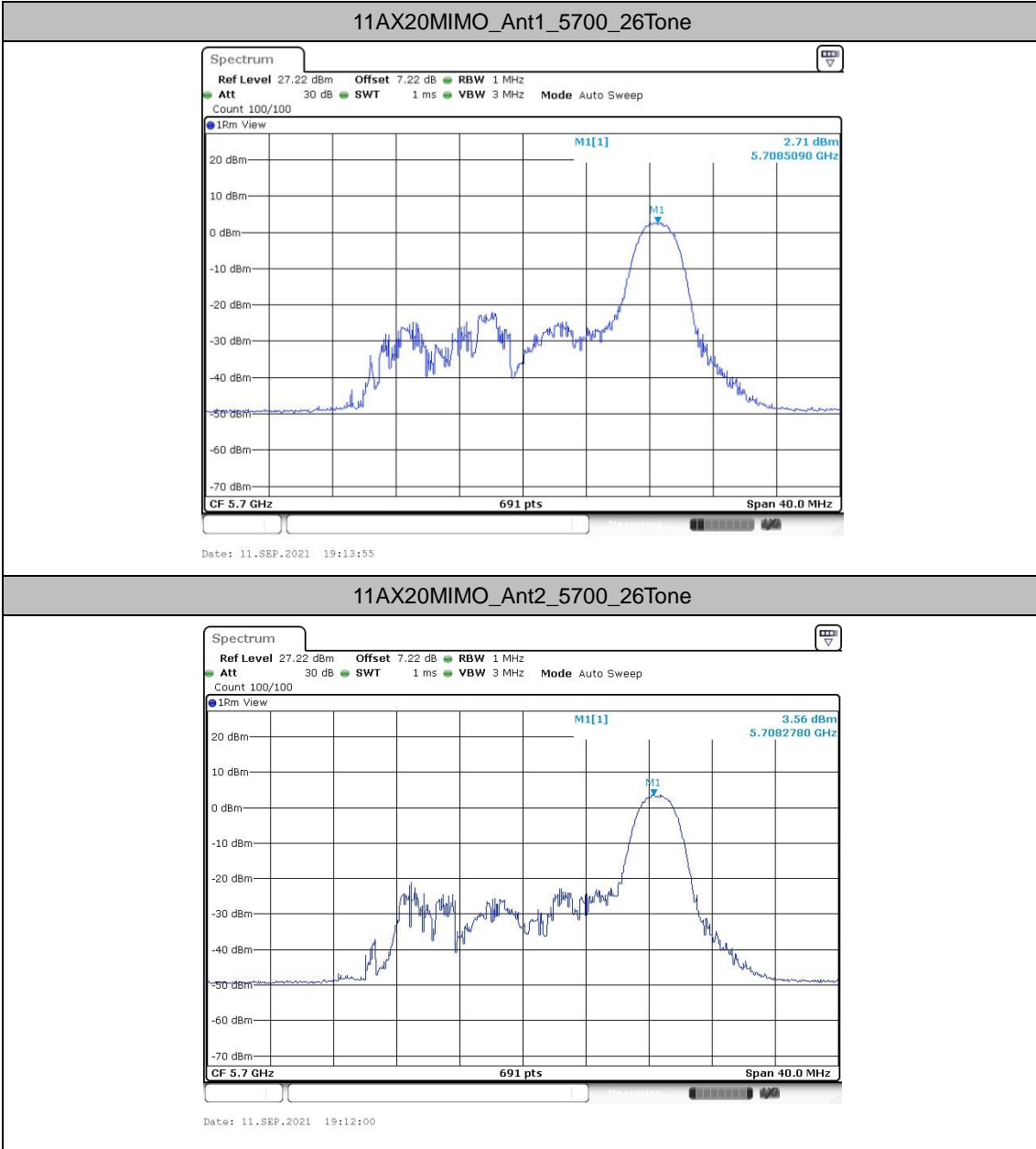


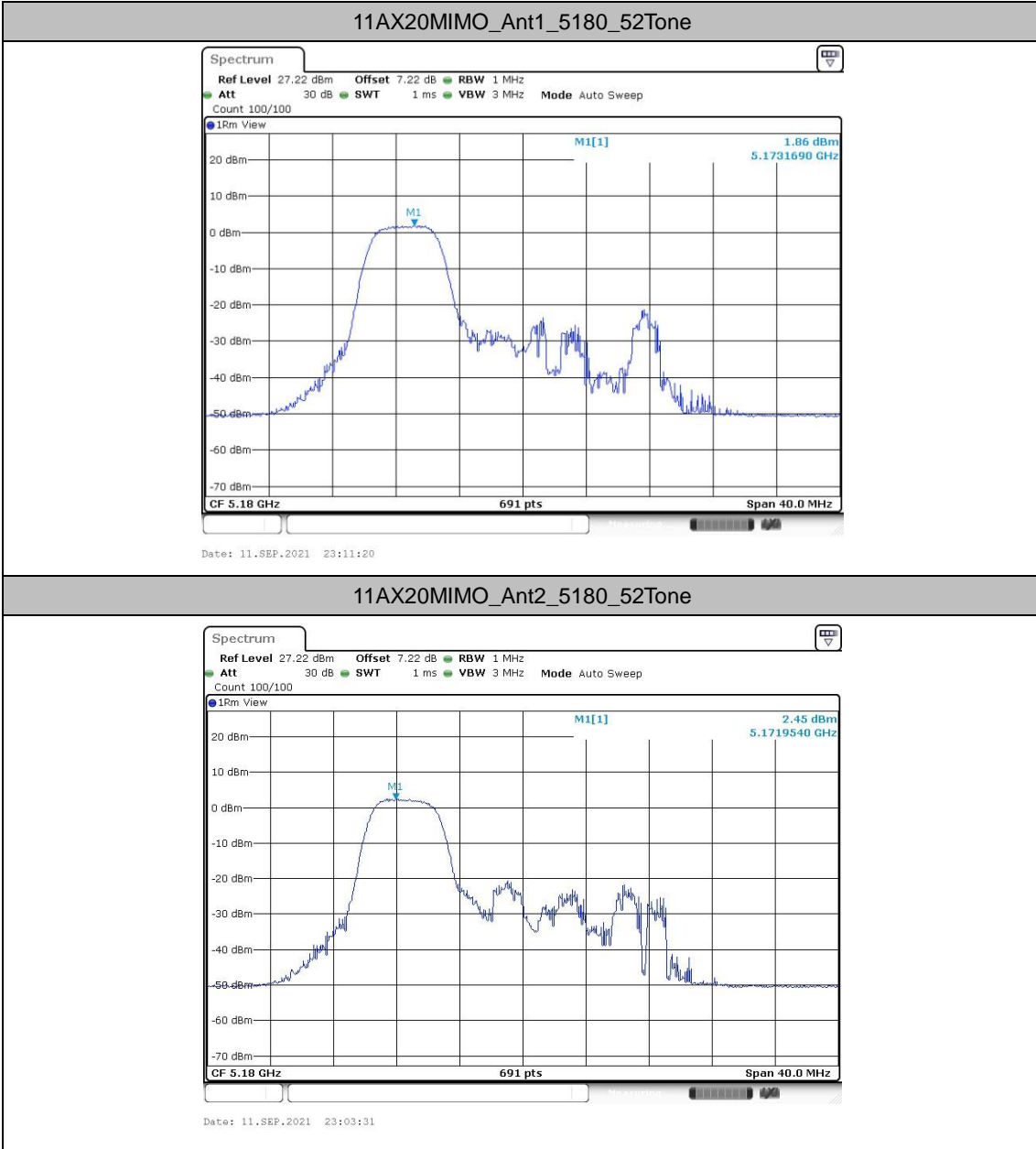


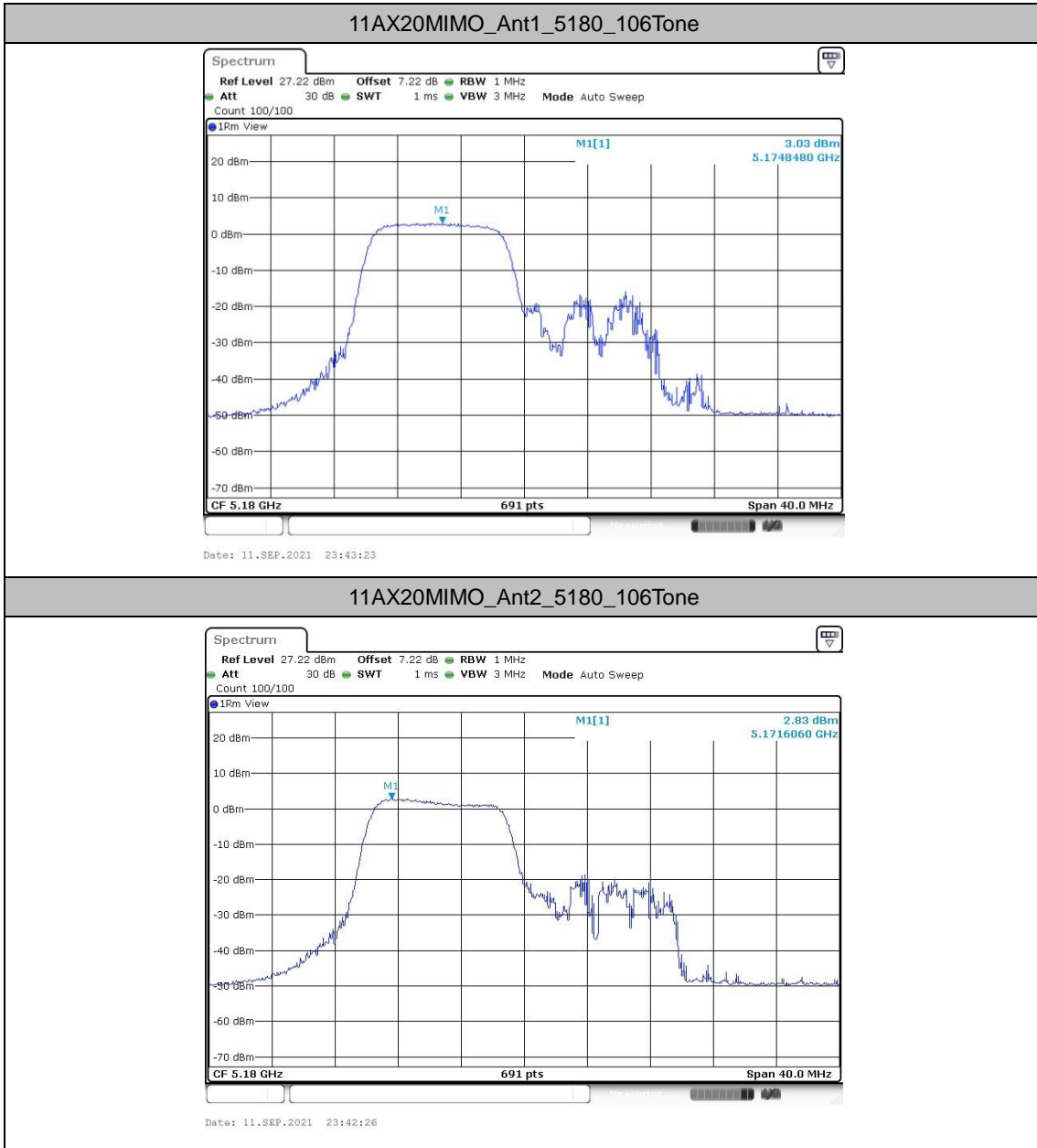


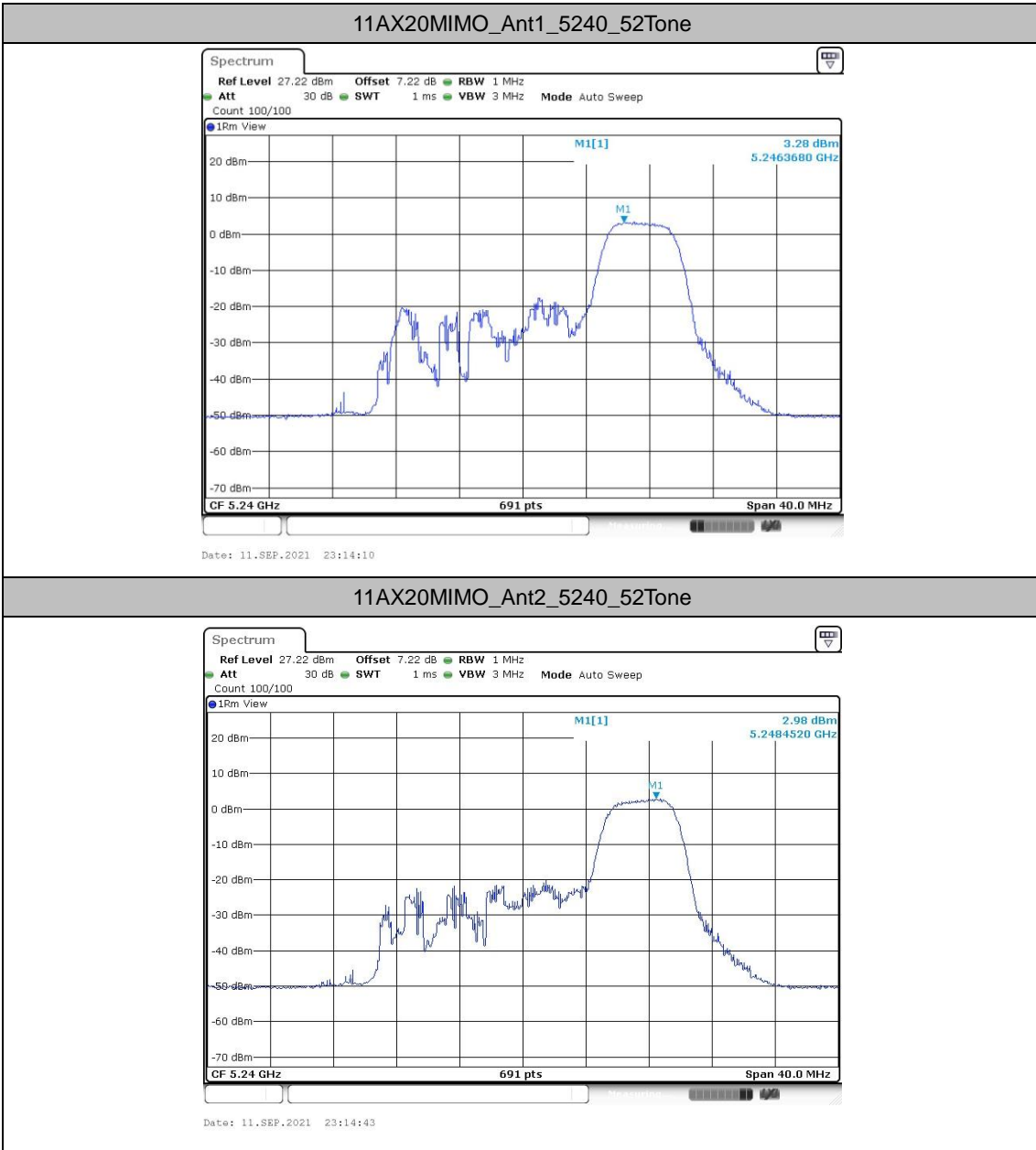


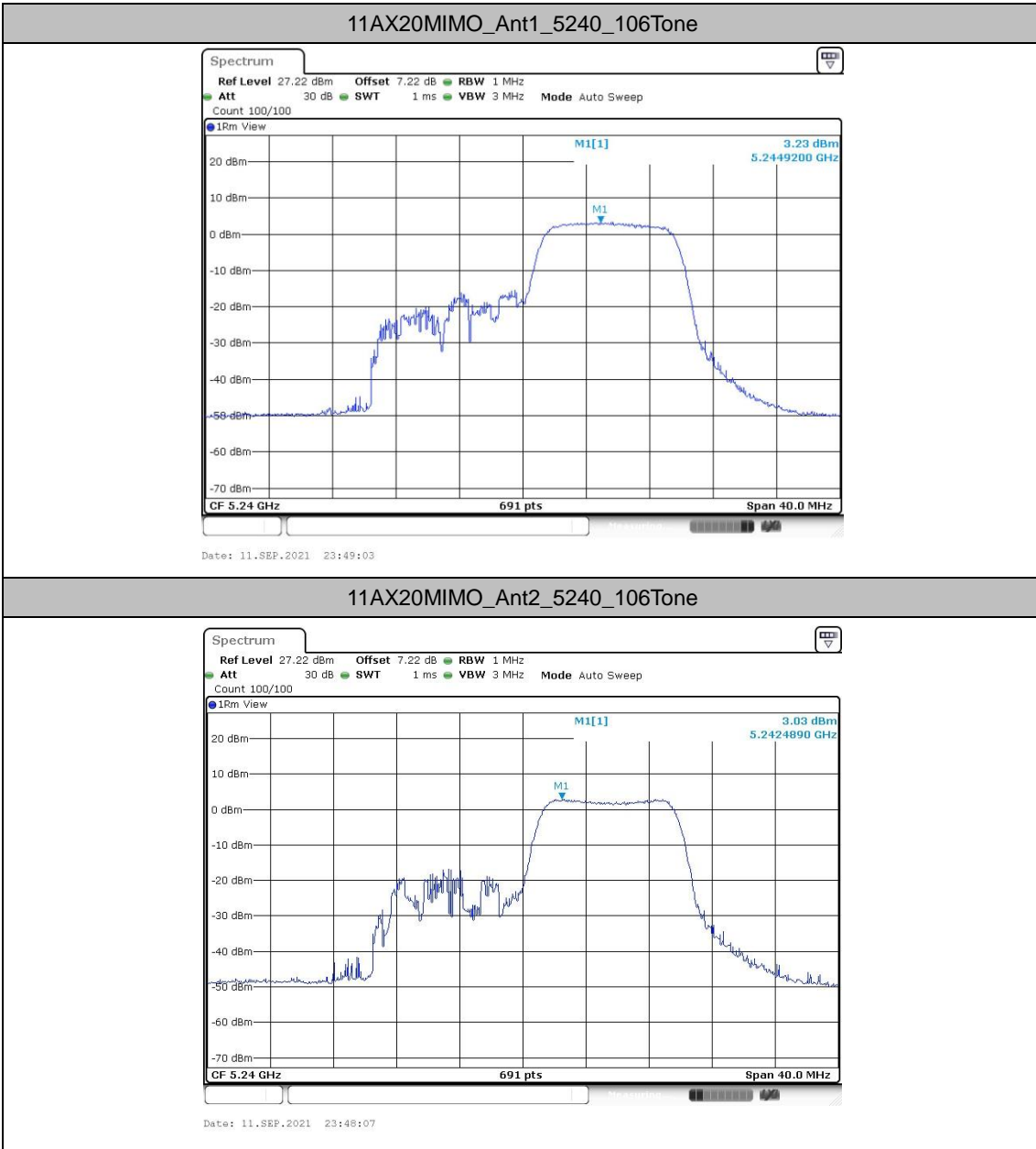


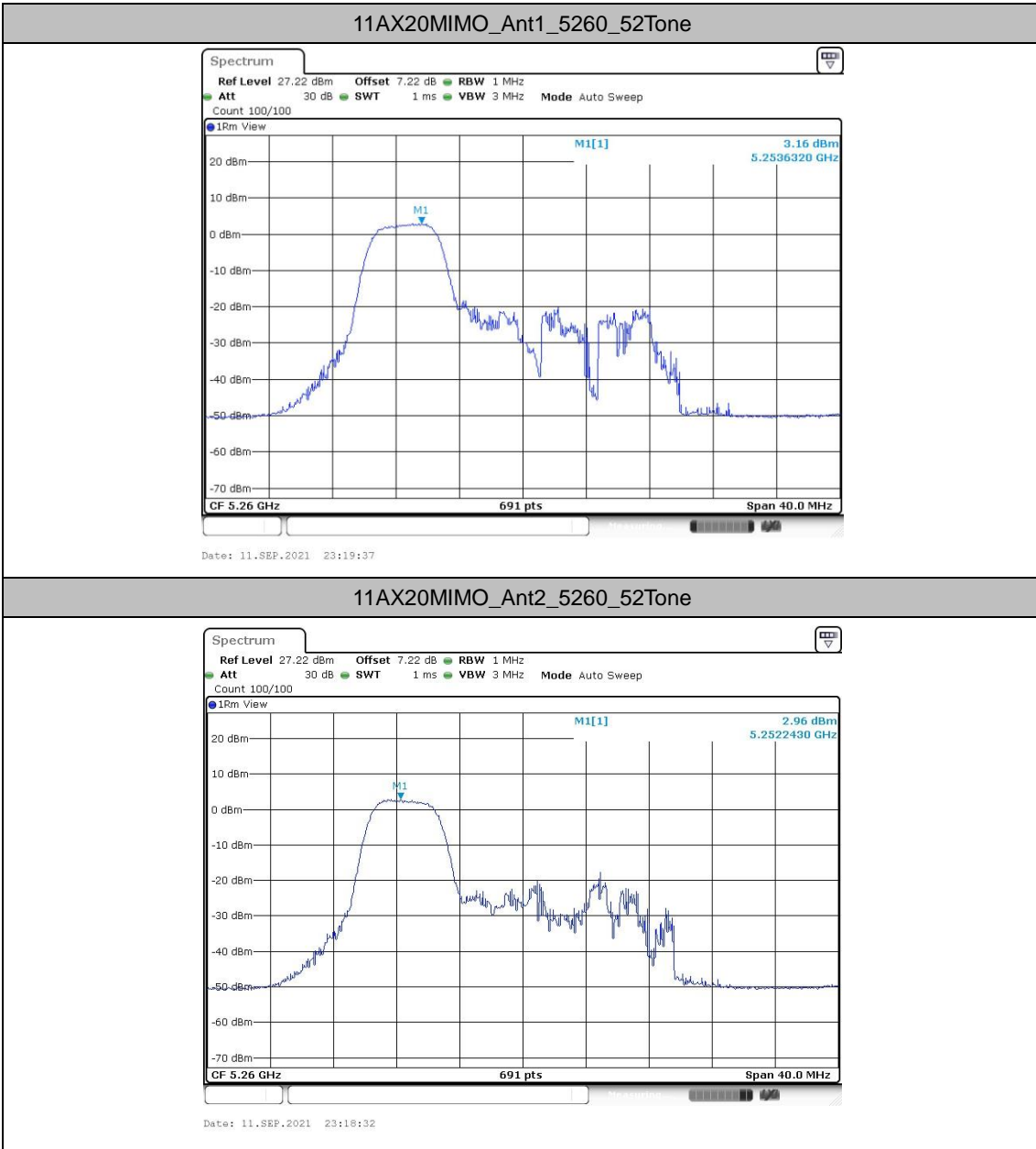


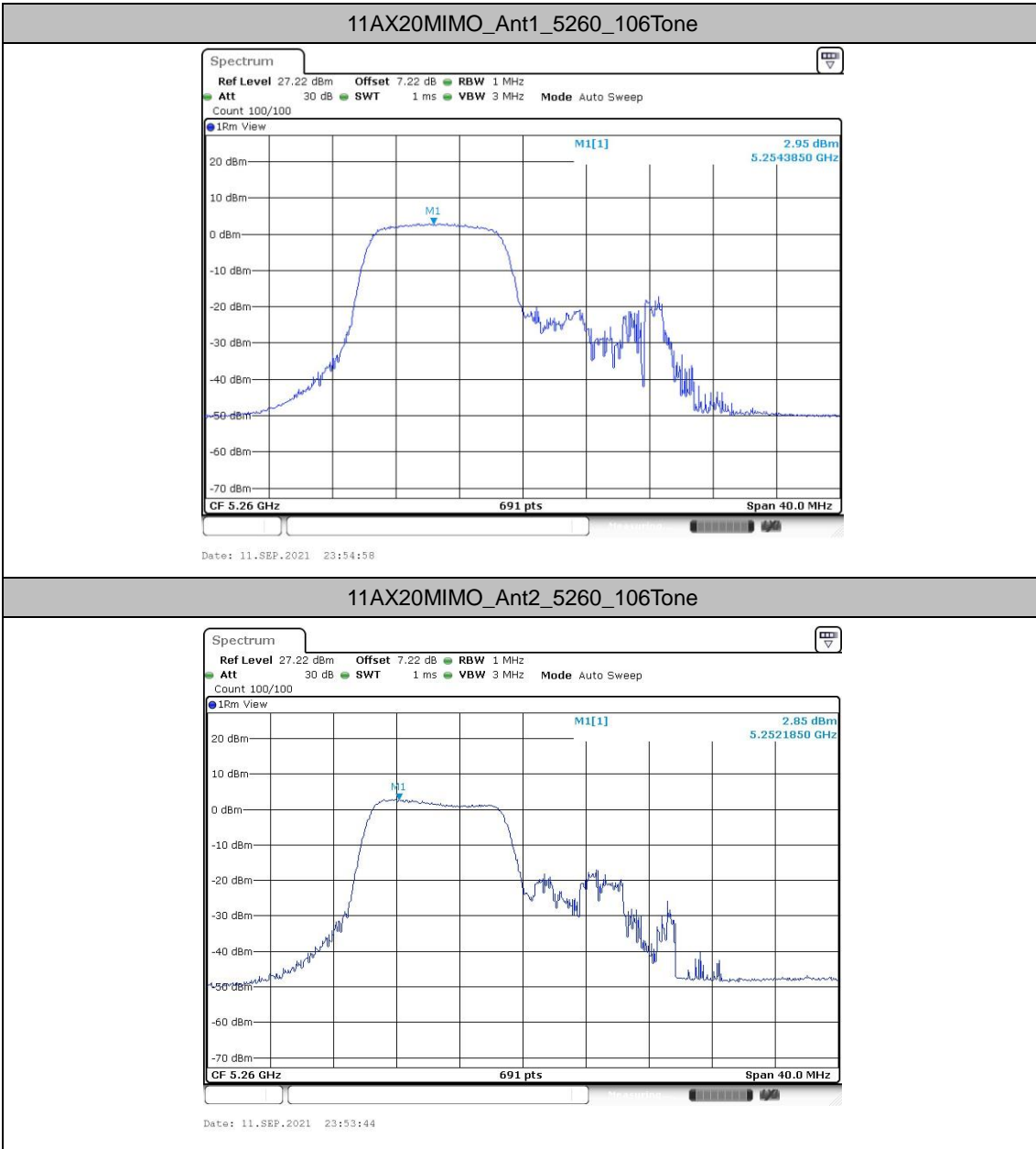


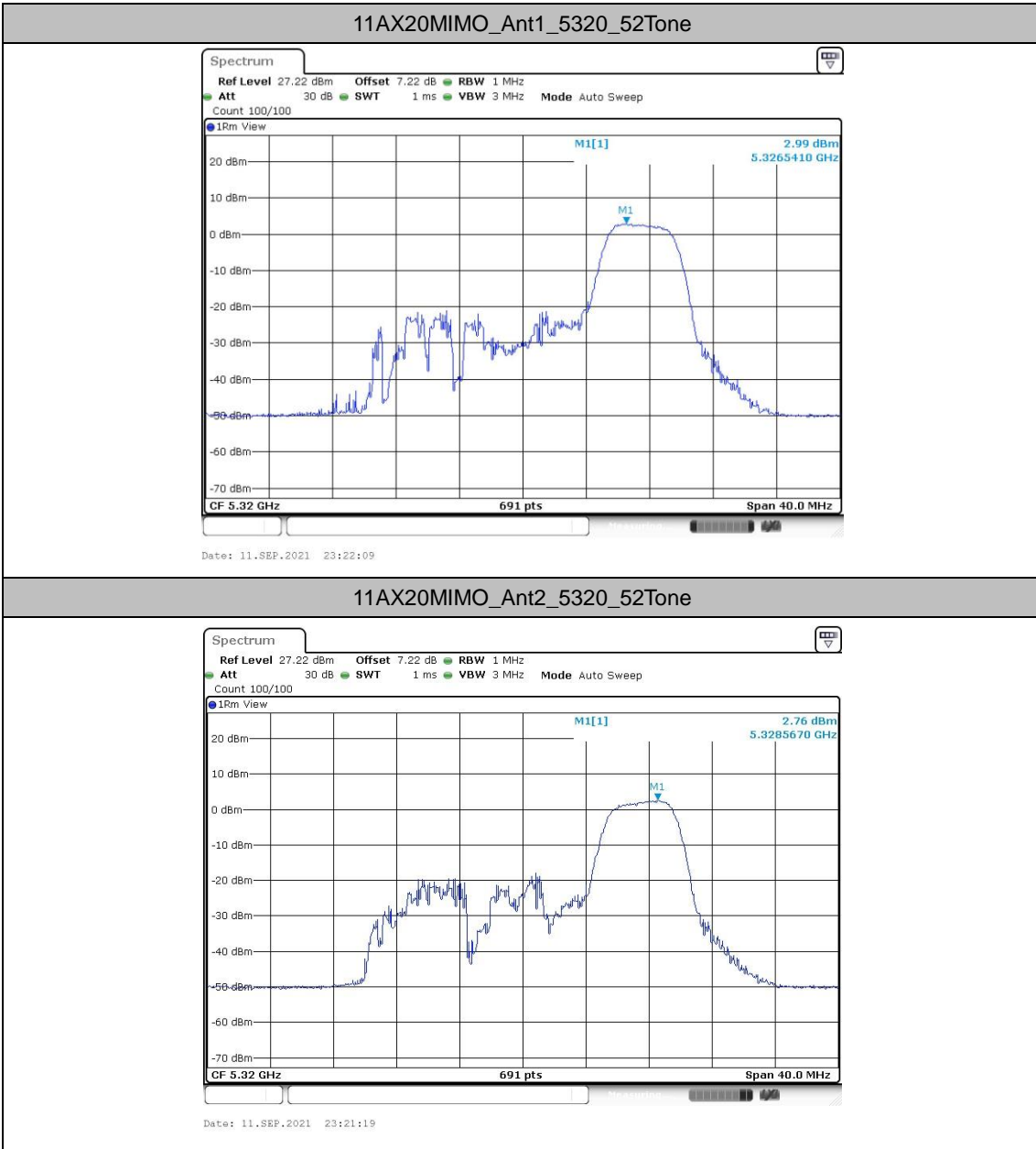


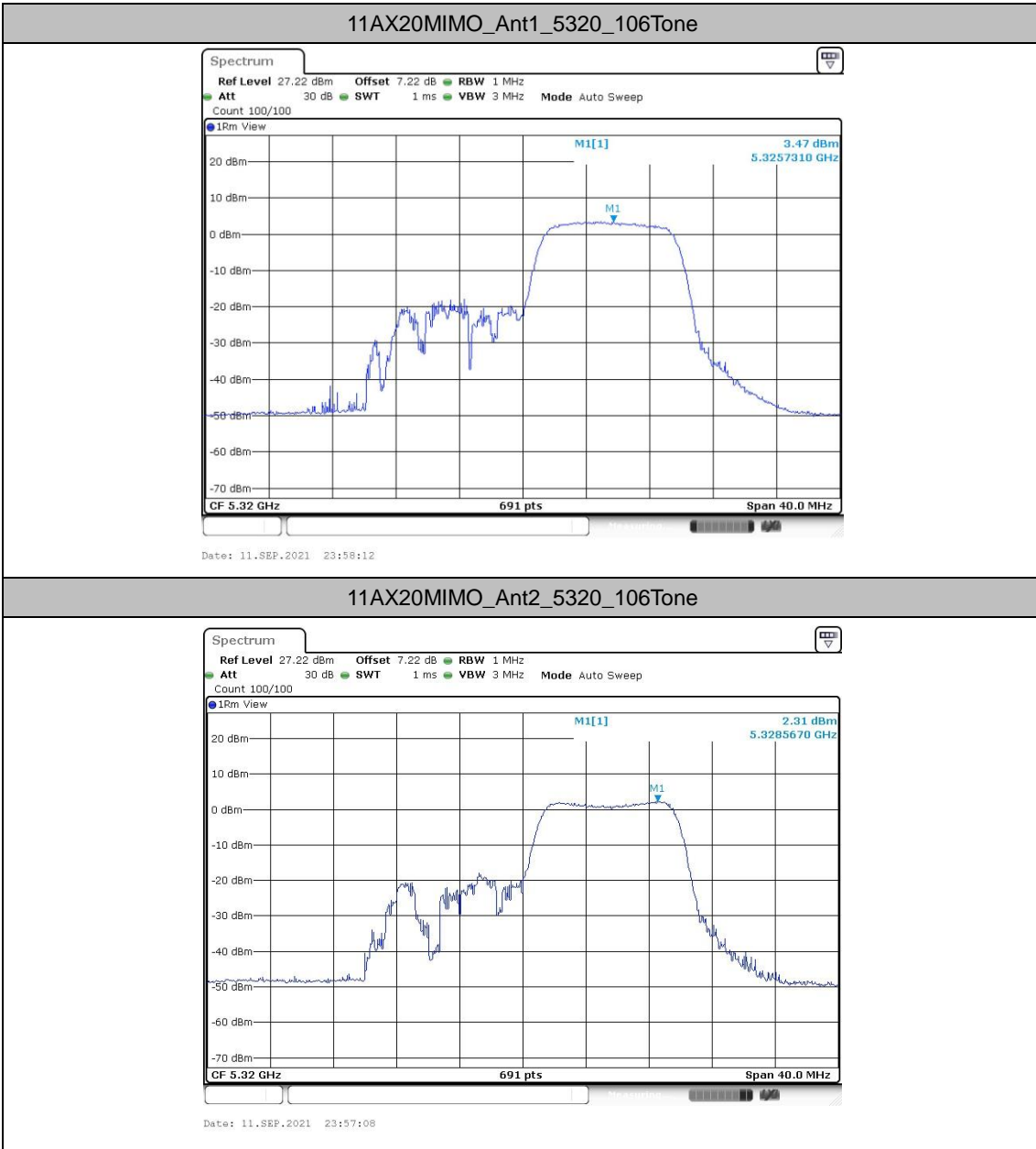


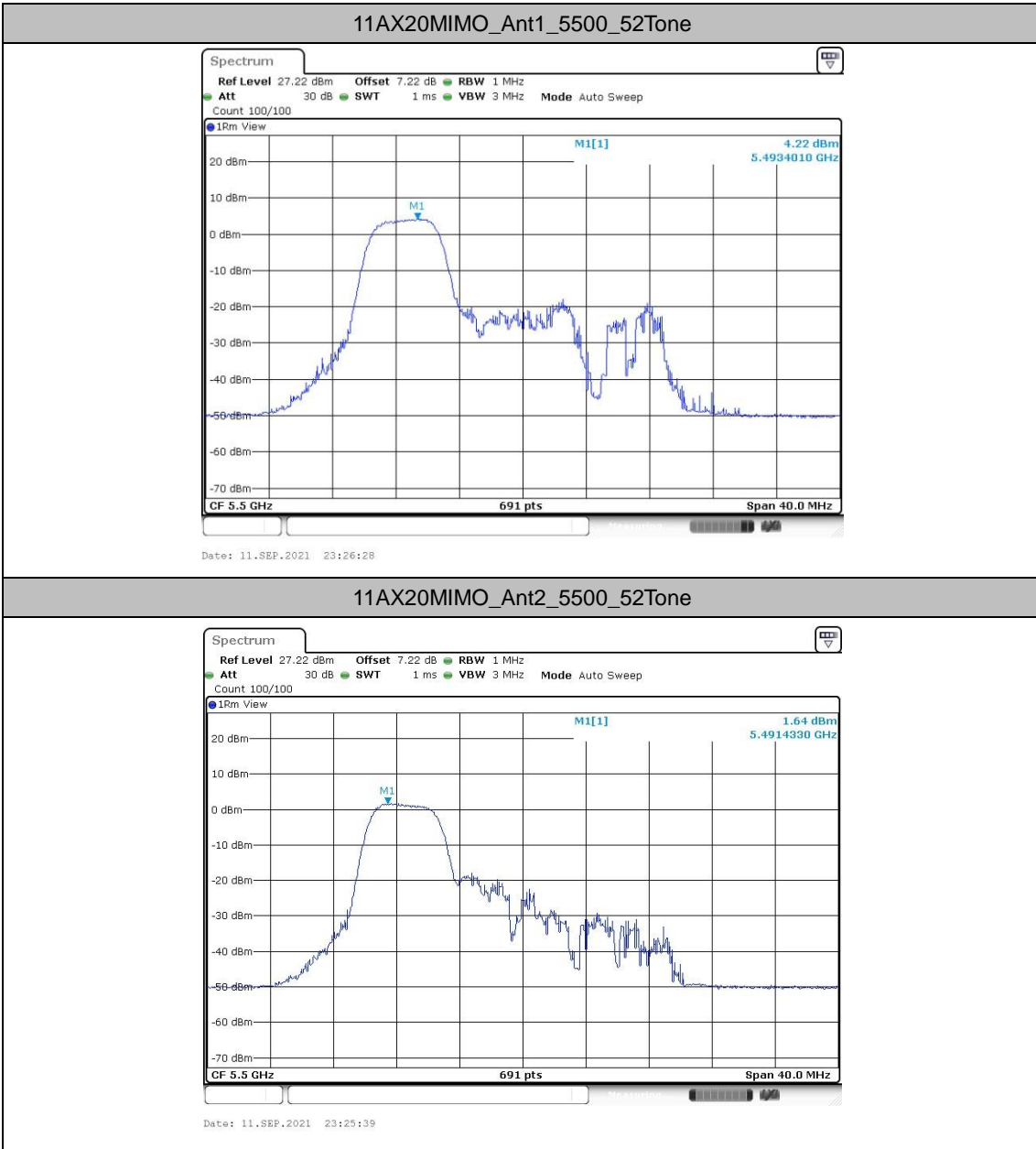




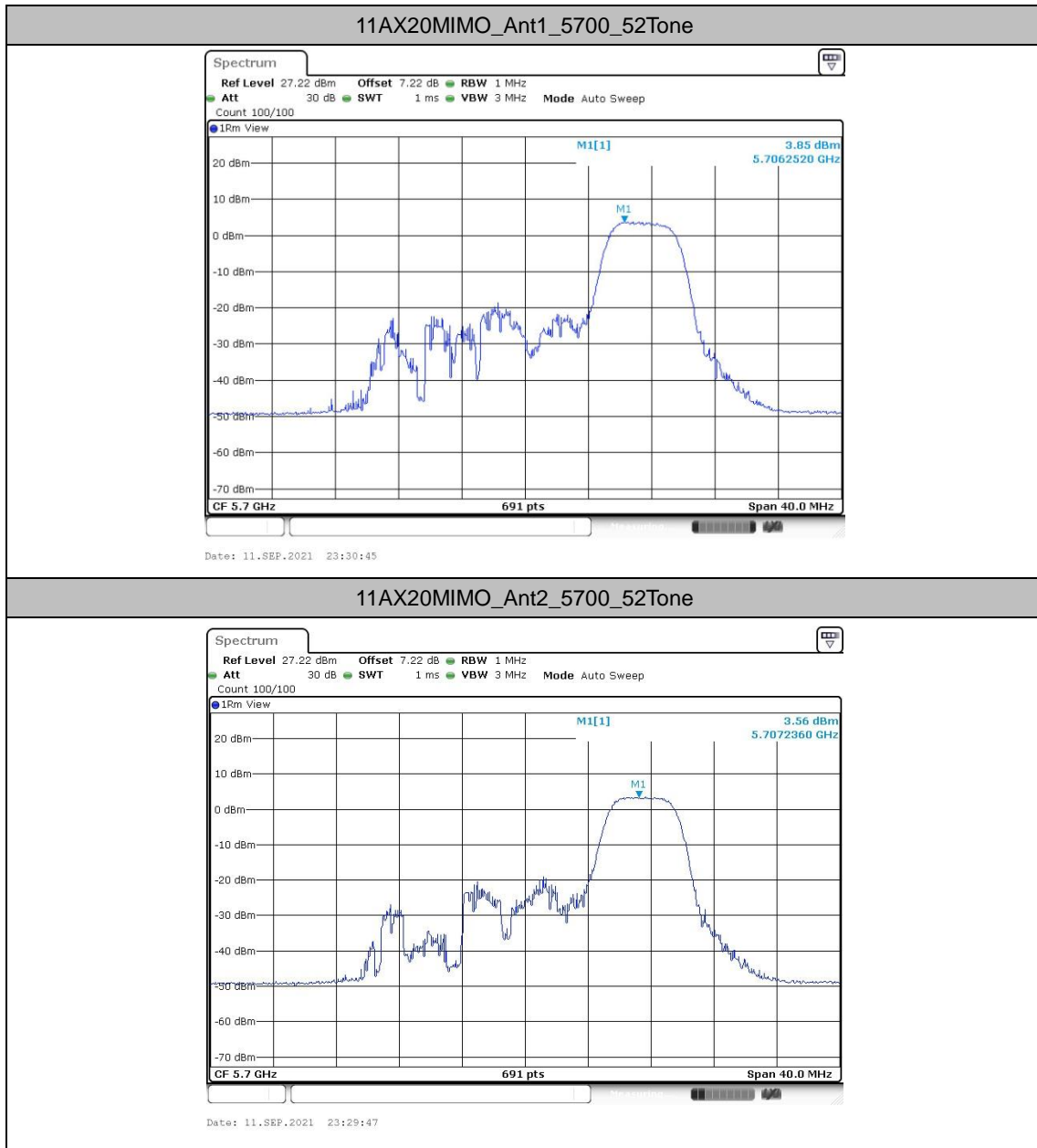


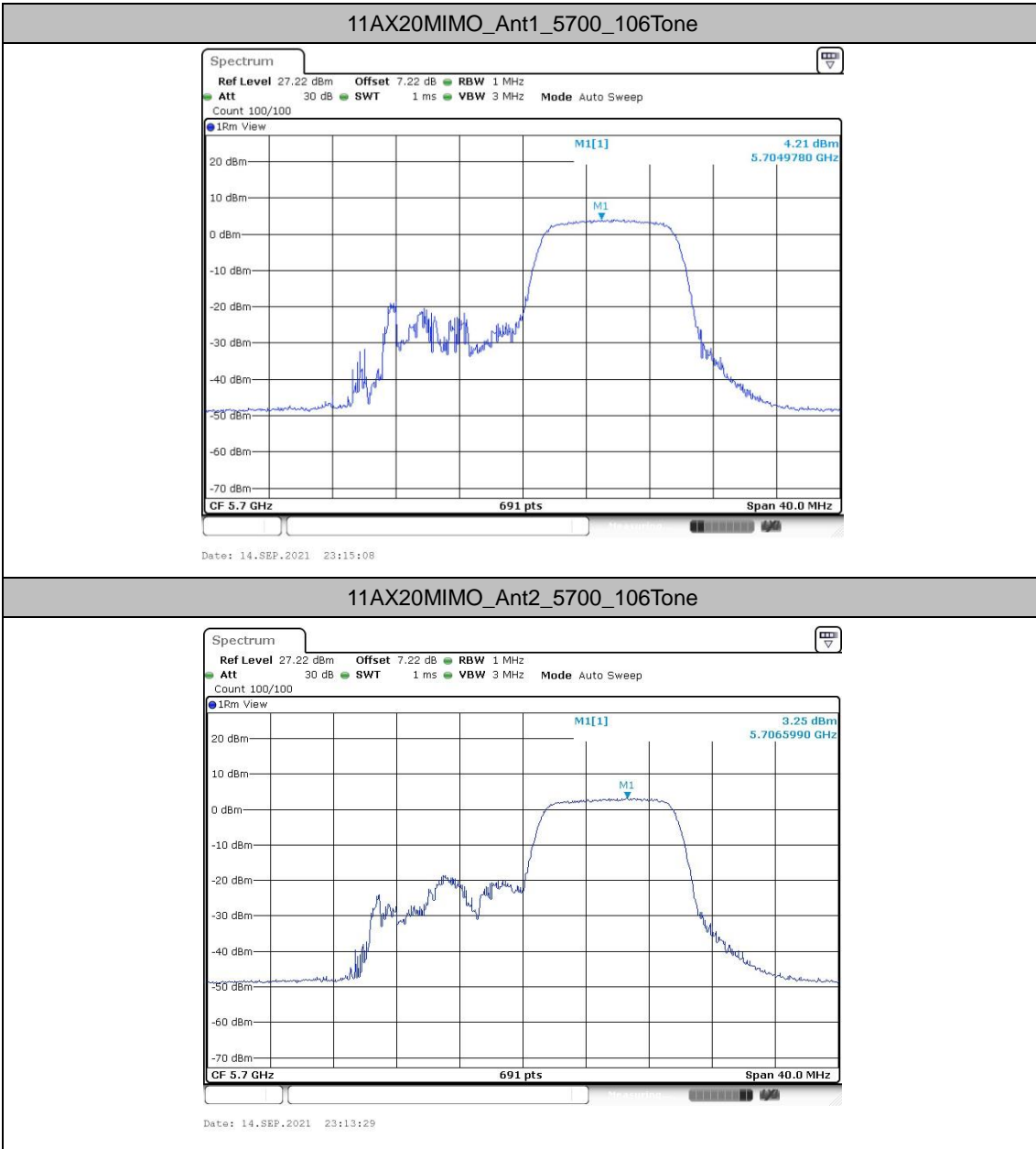


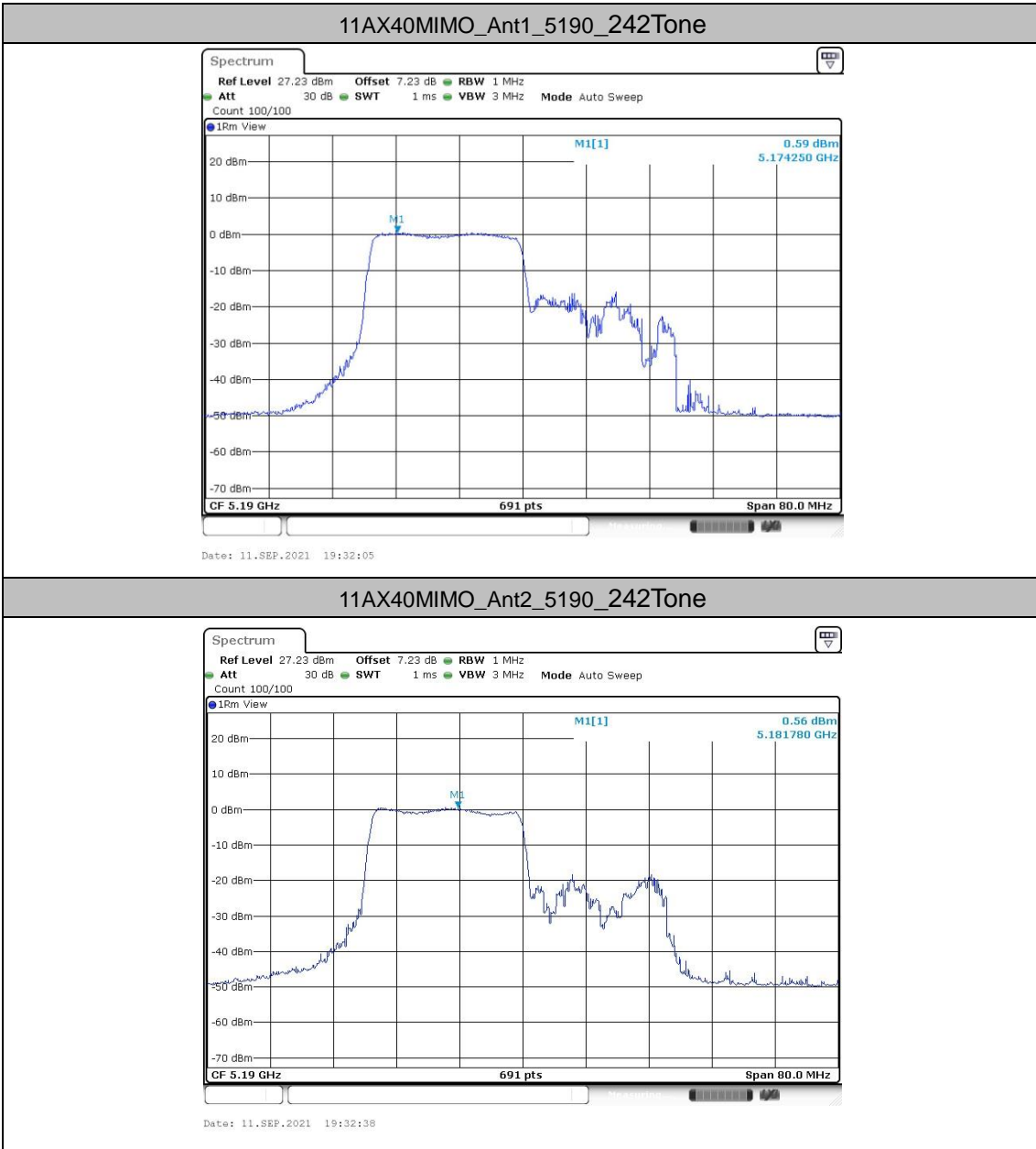


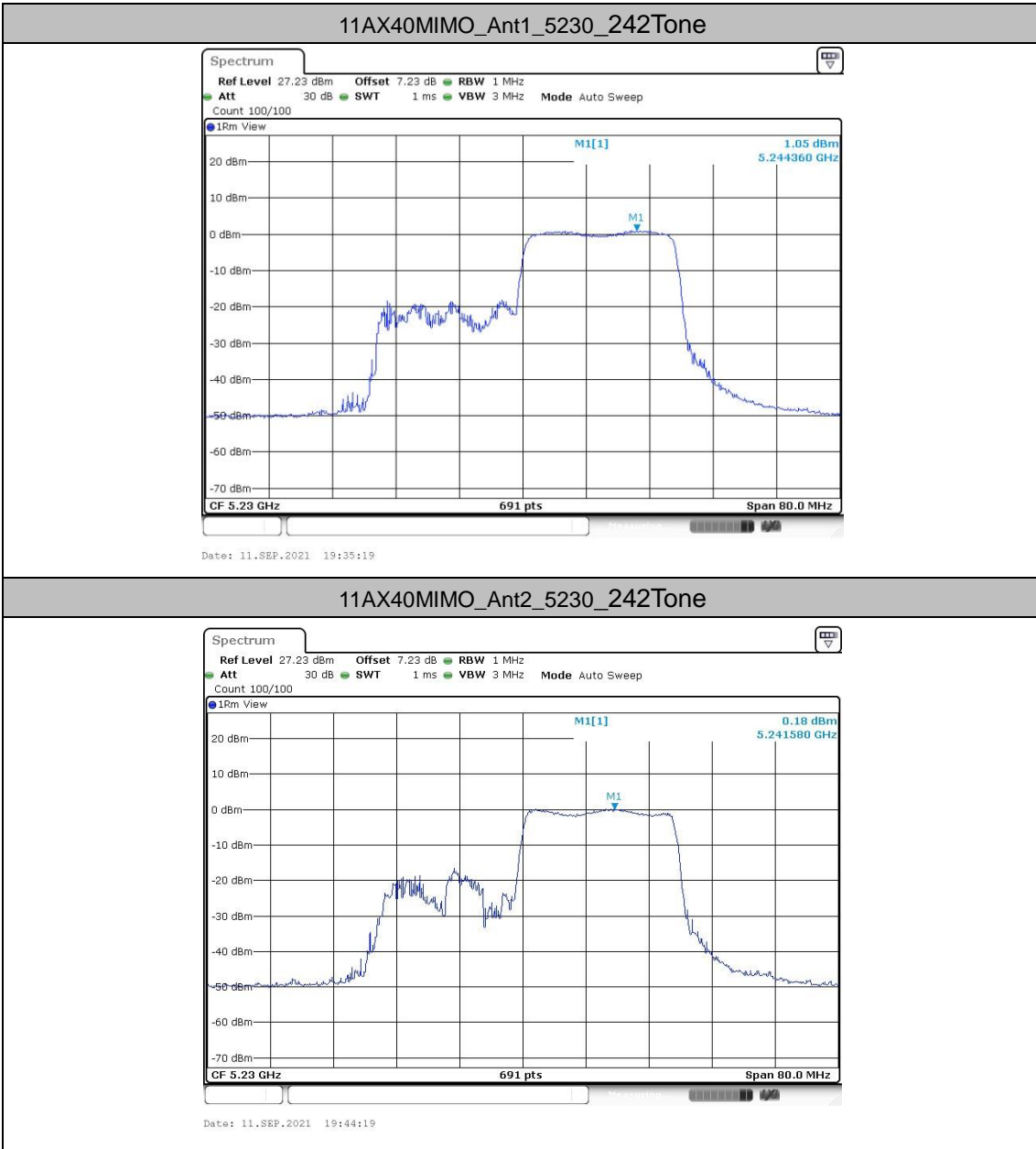


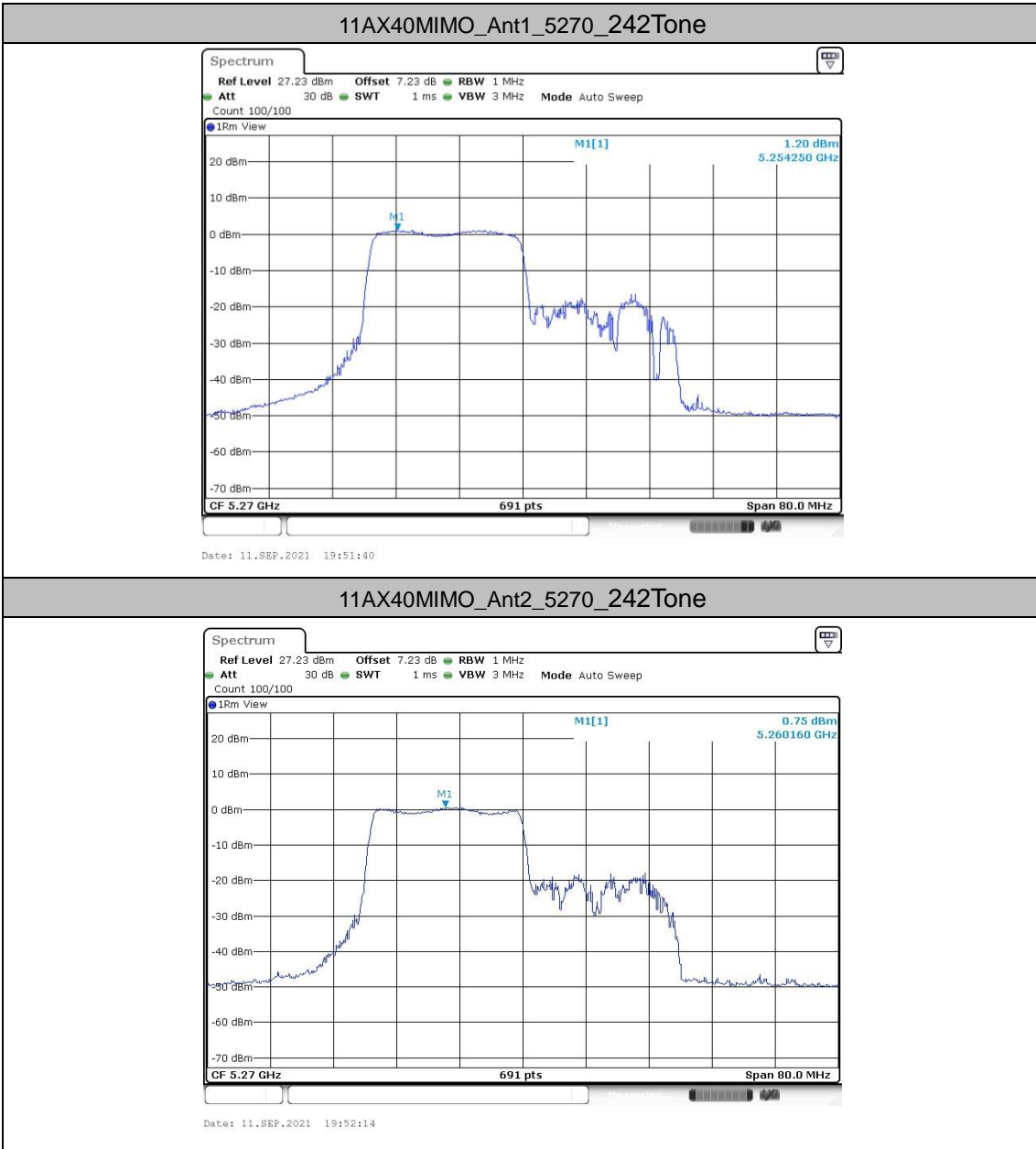


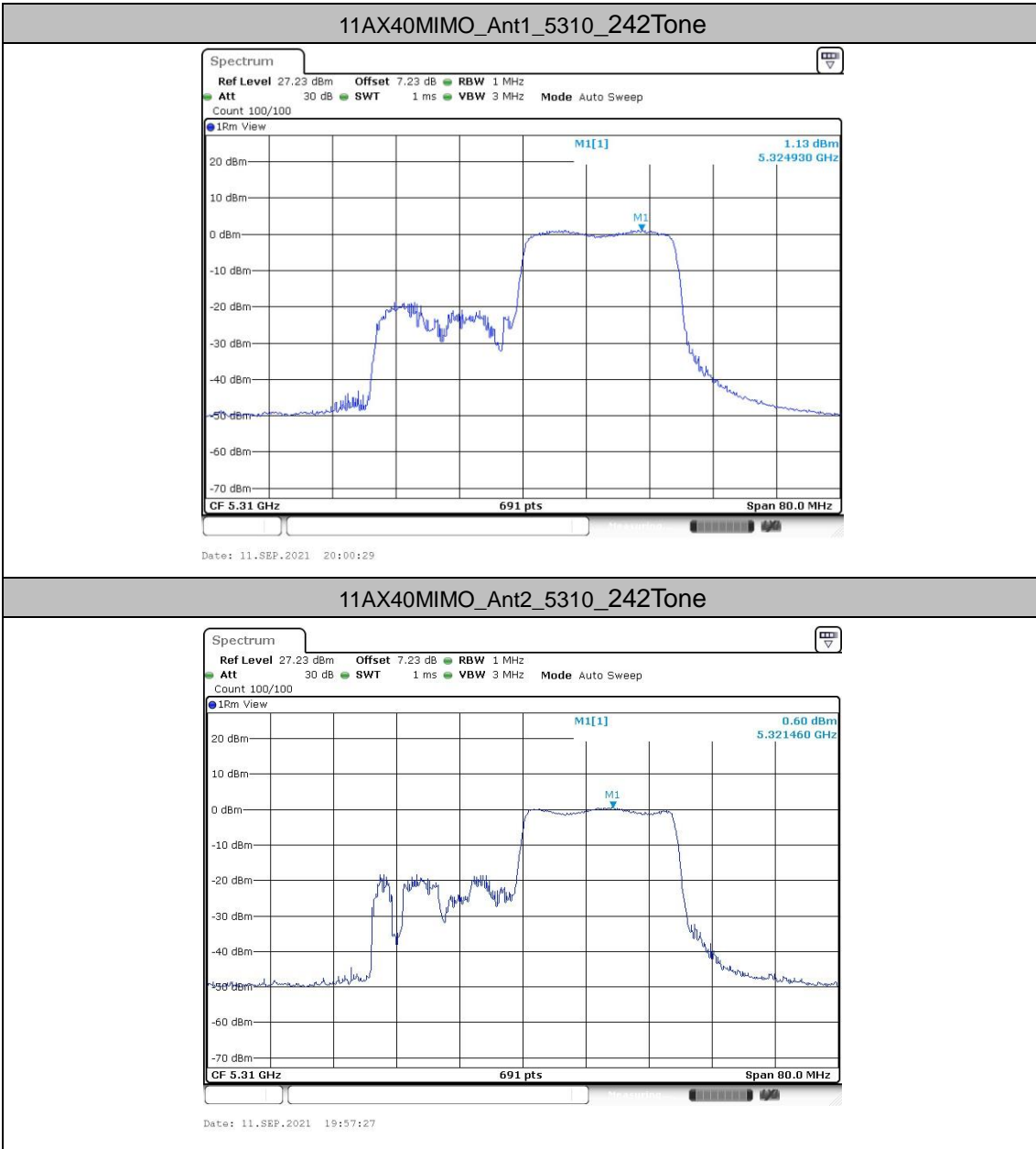


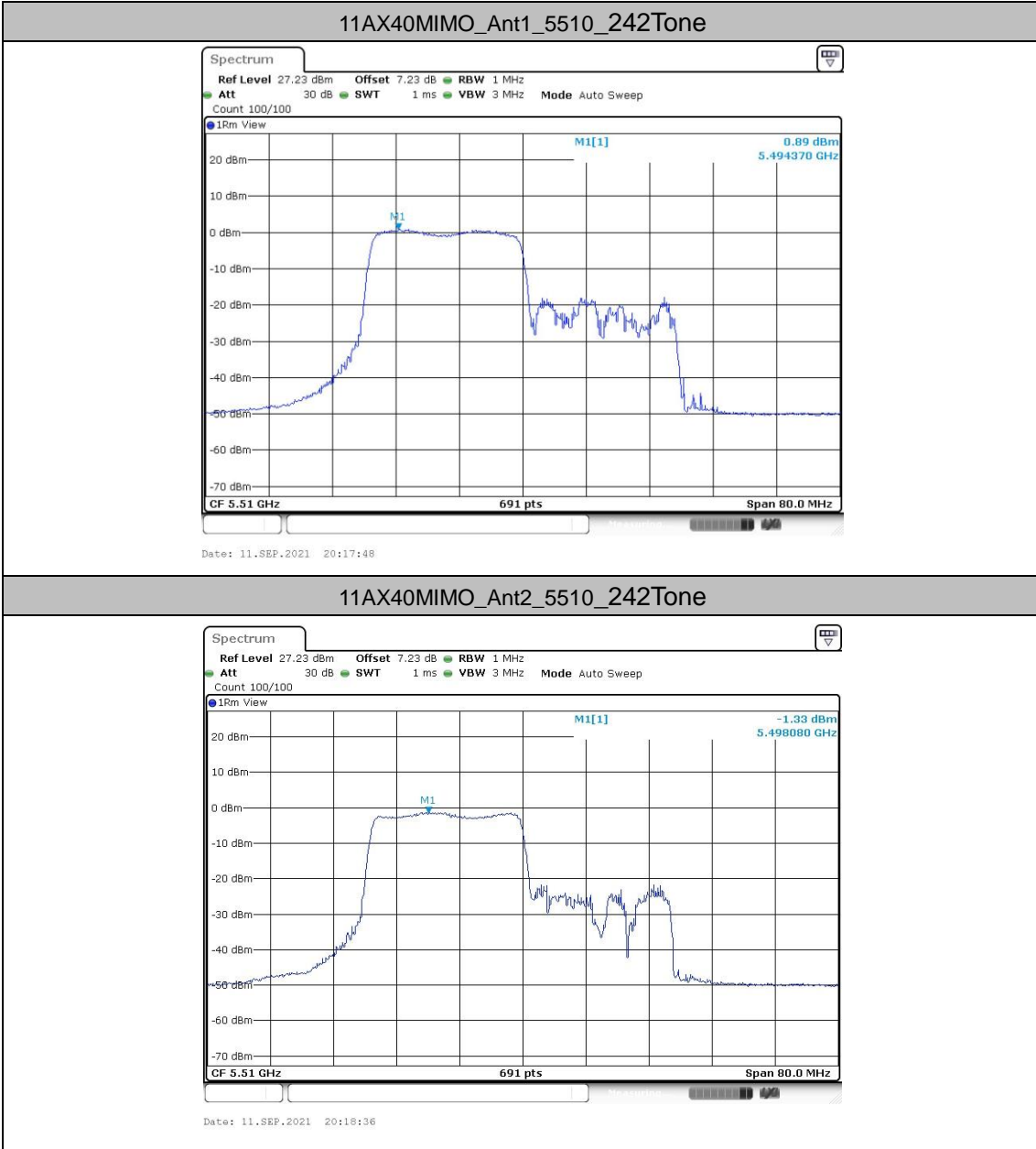


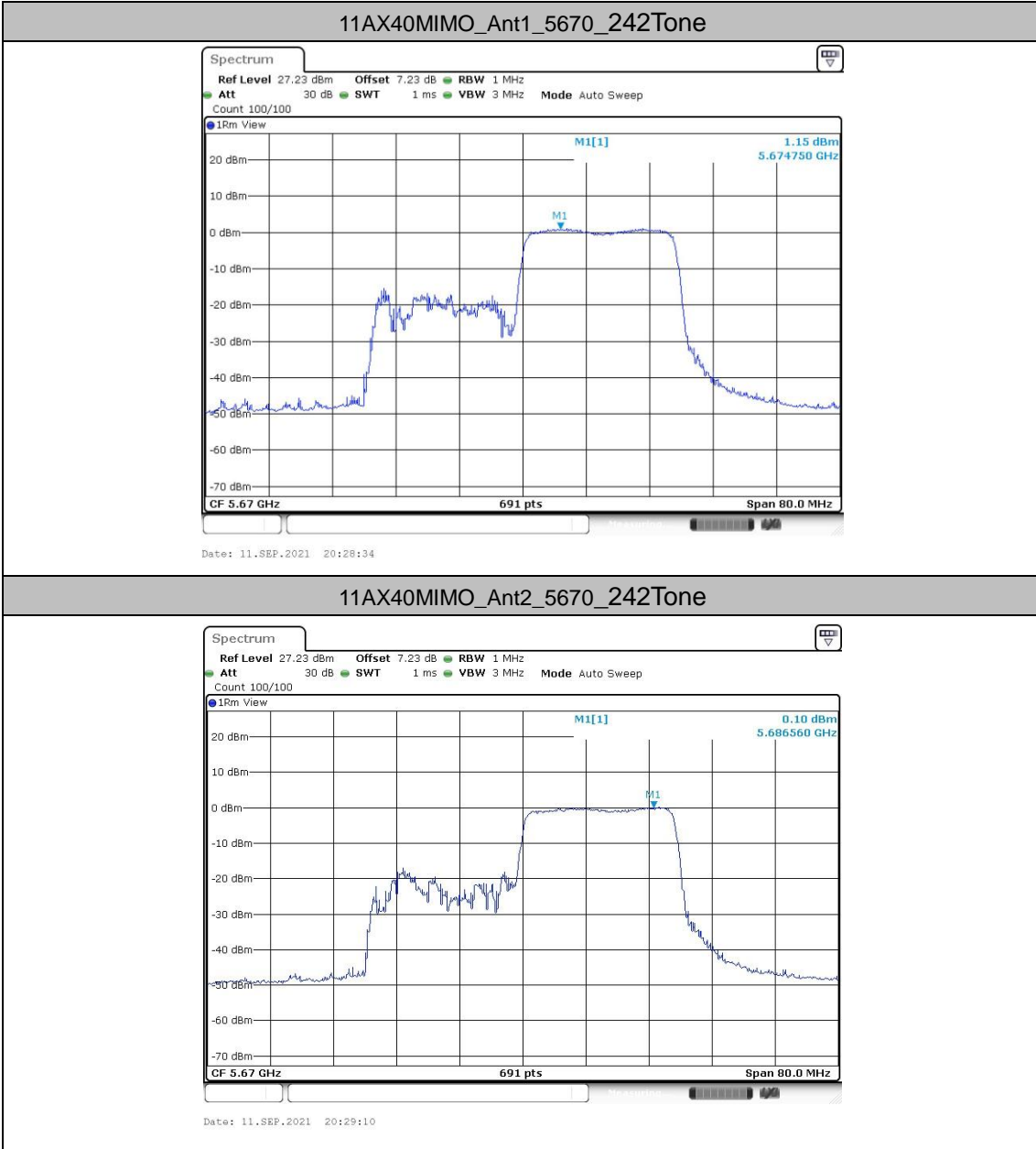


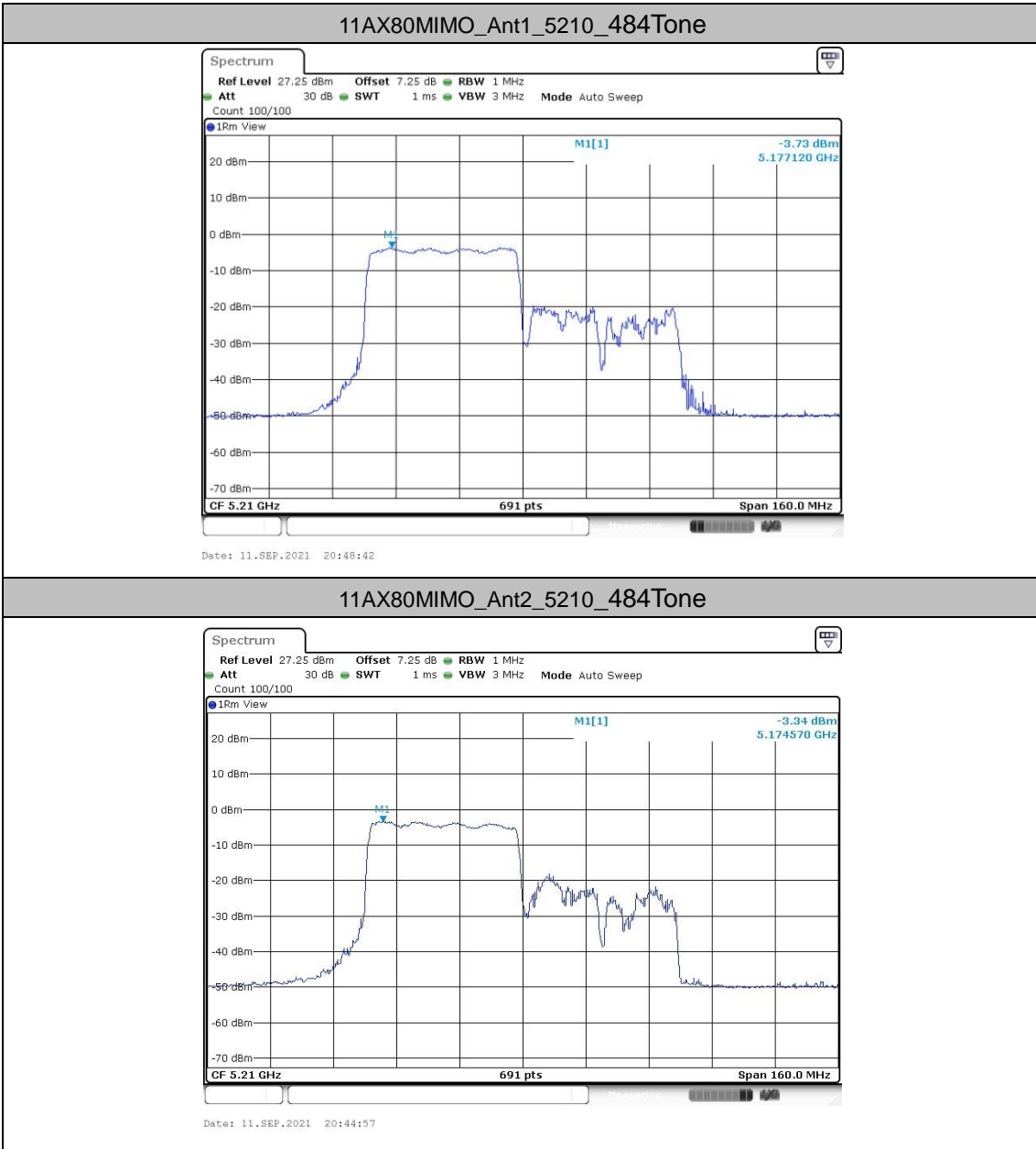












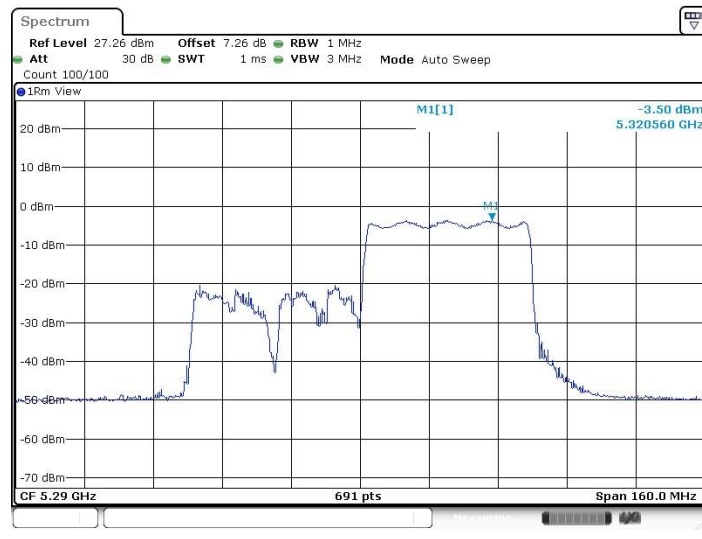


11AX80MIMO_Ant1_5290_484Tone



Date: 11.SEP.2021 20:50:26

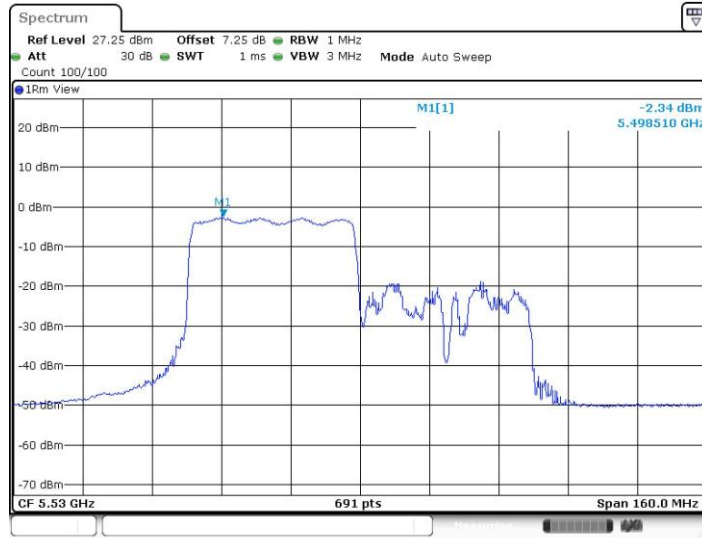
11AX80MIMO_Ant2_5290_484Tone



Date: 11.SEP.2021 20:53:11

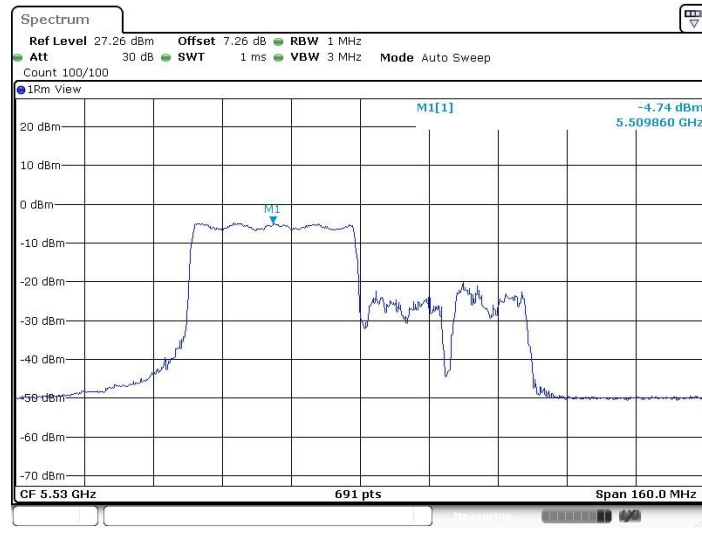


11AX80MIMO_Ant1_5530_484Tone

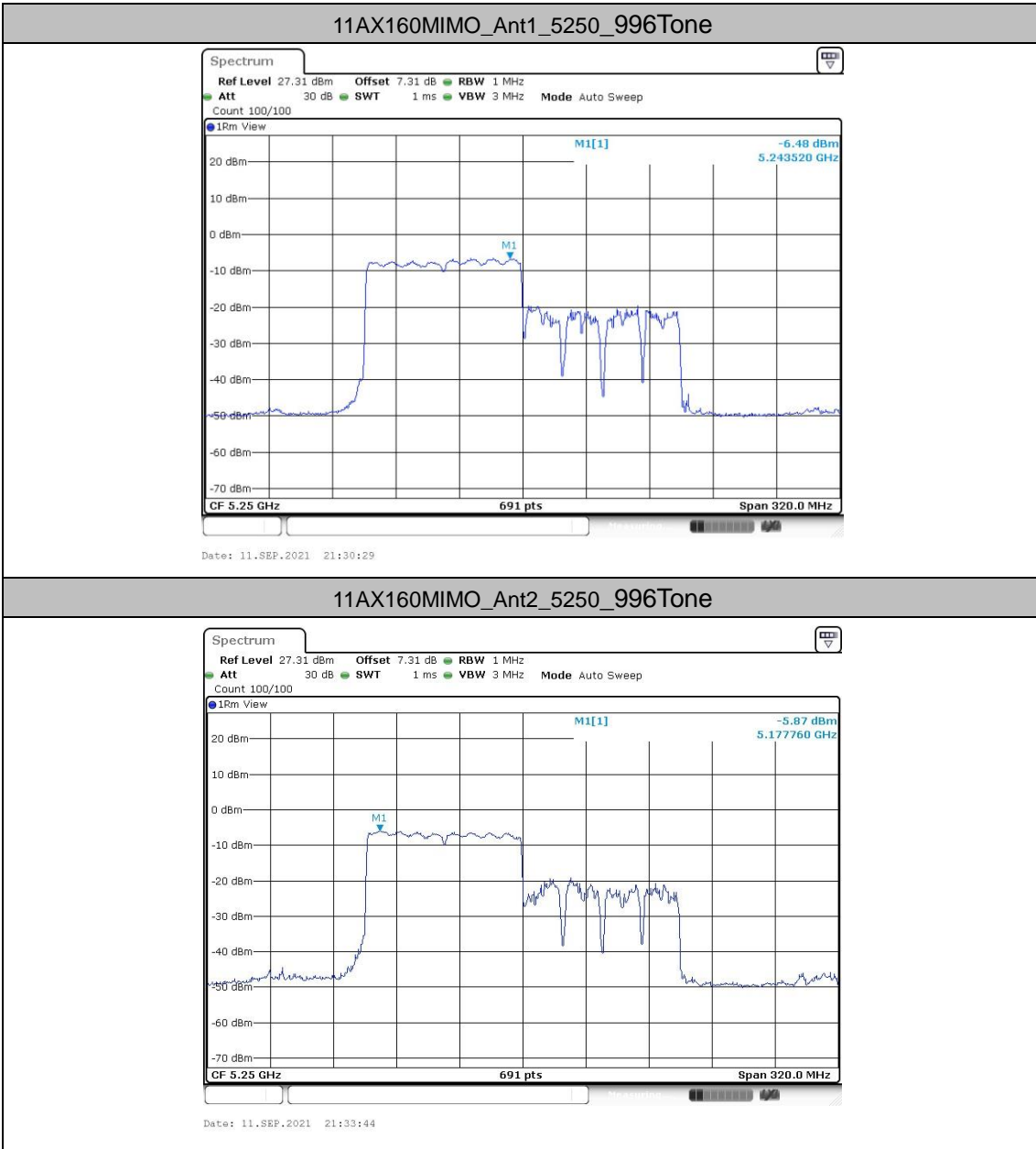


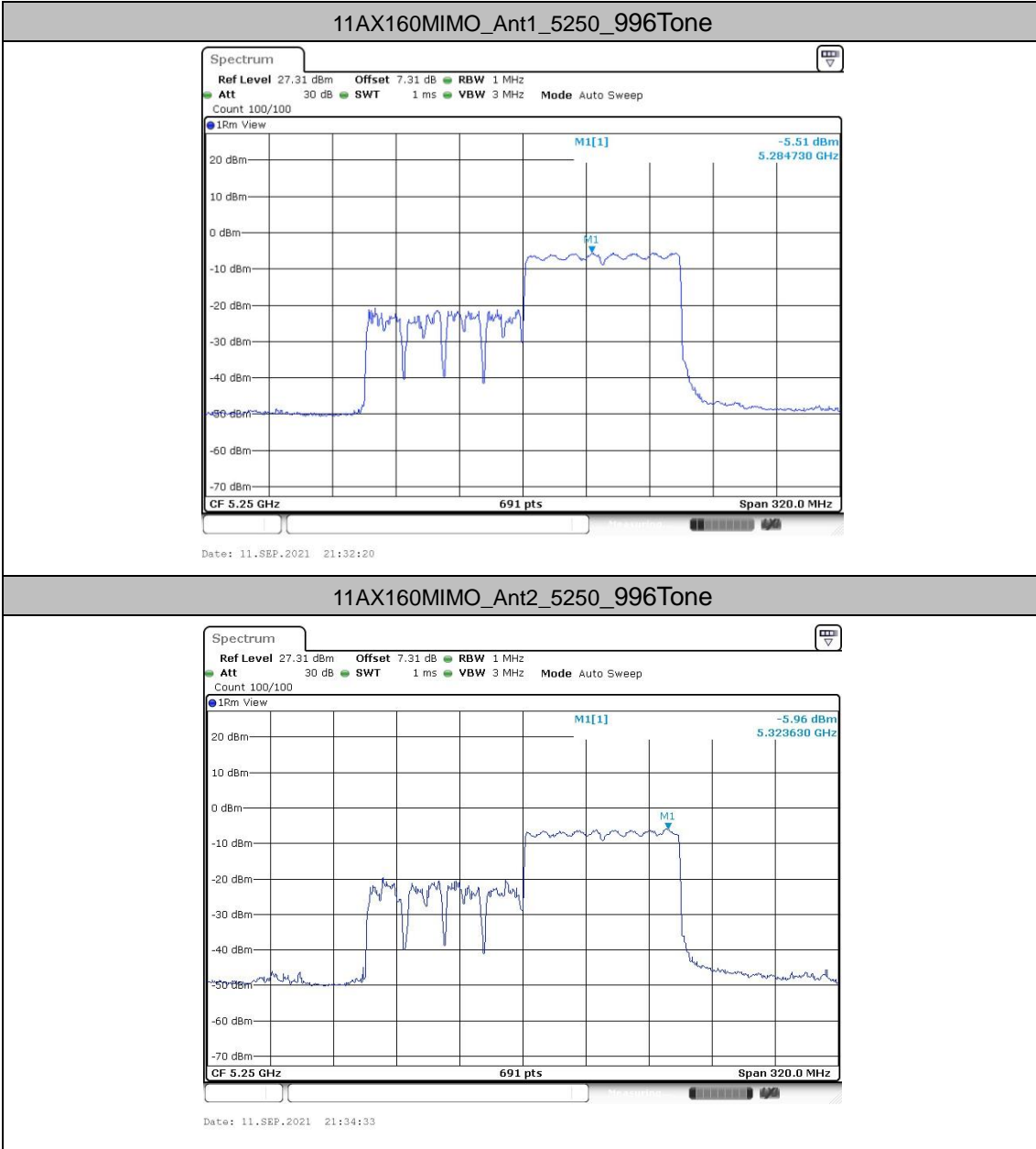
Date: 11.SEP.2021 20:55:02

11AX80MIMO_Ant2_5530_484Tone



Date: 11.SEP.2021 21:03:39

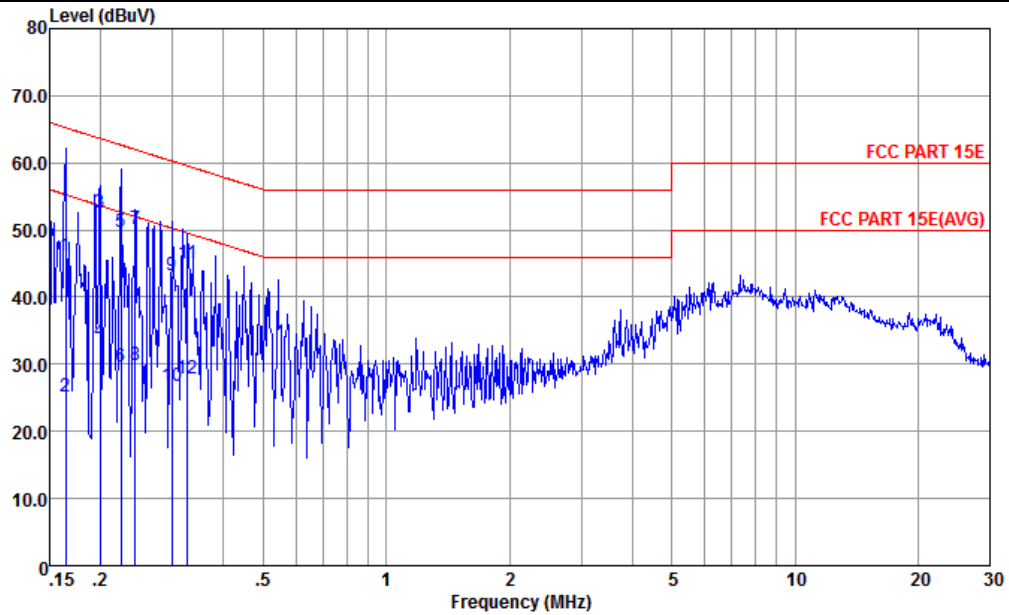






Appendix B. AC Conducted Emission Test Results

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

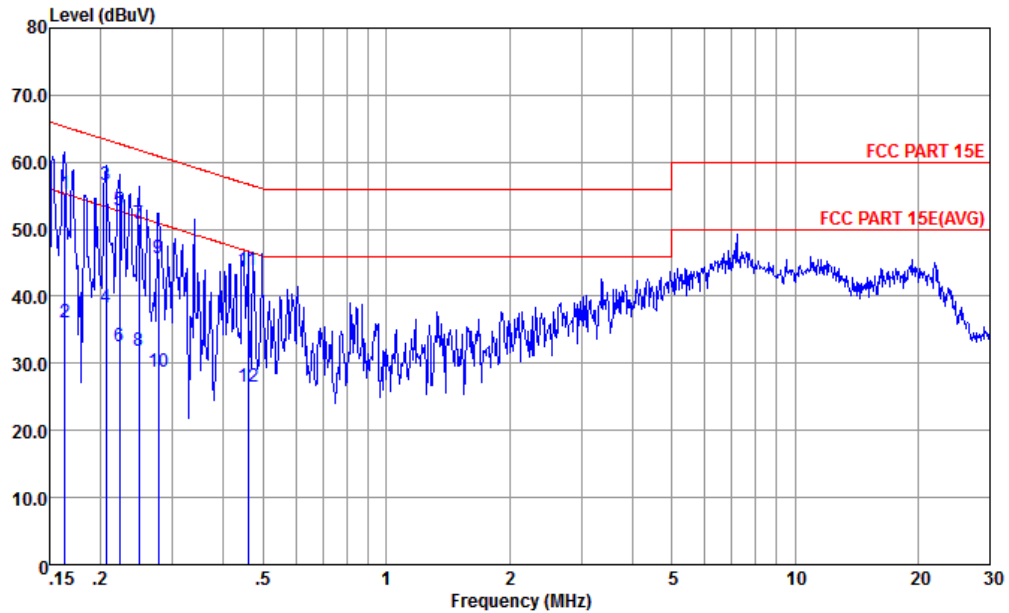


Site : CO01-KS
 Condition : FCC PART 15E LISN-L-060105-CN02 LINE

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
			dB	dBuV	dBuV	dB	dB	
1	0.164	46.12	-19.13	65.25	35.60	0.08	10.44	QP
2	0.164	25.12	-30.13	55.25	14.60	0.08	10.44	Average
3 *	0.200	52.65	-10.97	63.62	42.20	0.09	10.36	QP
4	0.200	33.35	-20.27	53.62	22.90	0.09	10.36	Average
5	0.224	49.64	-13.02	62.66	39.20	0.09	10.35	QP
6	0.224	29.64	-23.02	52.66	19.20	0.09	10.35	Average
7	0.243	50.03	-11.97	62.00	39.59	0.10	10.34	QP
8	0.243	29.93	-22.07	52.00	19.49	0.10	10.34	Average
9	0.299	43.21	-17.07	60.28	32.79	0.11	10.31	QP
10	0.299	26.71	-23.57	50.28	16.29	0.11	10.31	Average
11	0.327	44.91	-14.62	59.53	34.51	0.11	10.29	QP
12	0.327	27.91	-21.62	49.53	17.51	0.11	10.29	Average



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



Site : CO01-KS
 Condition : FCC PART 15E LISN-N-060105-CN02 NEUTRAL

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
			dB	dBuV	dBuV	dB	dB	
1	0.163	55.20	-10.10	65.30	44.60	0.15	10.45	QP
2	0.163	36.20	-19.10	55.30	25.60	0.15	10.45	Average
3 *	0.206	56.63	-6.73	63.36	46.10	0.17	10.36	QP
4	0.206	38.33	-15.03	53.36	27.80	0.17	10.36	Average
5	0.222	52.72	-10.02	62.74	42.20	0.17	10.35	QP
6	0.222	32.42	-20.32	52.74	21.90	0.17	10.35	Average
7	0.248	50.72	-11.10	61.82	40.21	0.18	10.33	QP
8	0.248	31.82	-20.00	51.82	21.31	0.18	10.33	Average
9	0.277	45.71	-15.19	60.90	35.20	0.19	10.32	QP
10	0.277	28.71	-22.19	50.90	18.20	0.19	10.32	Average
11	0.459	43.97	-12.74	56.71	33.50	0.22	10.25	QP
12	0.459	26.57	-20.14	46.71	16.10	0.22	10.25	Average

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

UNII 1 - 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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5149.76	64	-10	74	49.6	35.03	11.6	32.23	259	352	P	H
	!	5150	49.25	-4.75	54	34.85	35.03	11.6	32.23	259	352	A	H
	*	5182	109.34	-	-	94.89	35.06	11.63	32.24	259	352	P	H
		5182	101.4	-	-	86.95	35.06	11.63	32.24	259	352	A	H
		5141.6	57.69	-16.31	74	43.29	35.03	11.6	32.23	259	352	P	V
		5148.8	46.51	-7.49	54	32.11	35.03	11.6	32.23	259	352	A	V
	*	5182	103.65	-	-	89.2	35.06	11.63	32.24	259	352	P	V
		5182	96.29	-	-	81.84	35.06	11.63	32.24	259	352	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 1 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10358.36	43.88	-24.42	68.3	49.31	38.32	16.93	60.68	300	0	P	H
		10358.36	45.17	-23.13	68.3	50.6	38.32	16.93	60.68	300	0	P	V
802.11a CH 44 5220MHz		10438.44	44.83	-23.47	68.3	50.11	38.35	17.03	60.66	300	0	P	H
		10438.44	45.14	-23.16	68.3	50.42	38.35	17.03	60.66	300	0	P	V
802.11a CH 48 5240MHz		10478.47	46.18	-22.12	68.3	51.38	38.36	17.09	60.65	300	0	P	H
		10478.47	44.61	-23.69	68.3	49.81	38.36	17.09	60.65	300	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII 1 5150~5250MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 36 5180MHz		5148.96	60.42	-13.58	74	46.02	35.03	11.6	32.23	248	344	P	H
		5150	47.77	-6.23	54	33.37	35.03	11.6	32.23	248	344	A	H
	*	5182	108.56	-	-	94.11	35.06	11.63	32.24	248	344	P	H
		5182	100.06	-	-	85.61	35.06	11.63	32.24	248	344	A	H
		5143.52	62.54	-11.46	74	48.14	35.03	11.6	32.23	116	10	P	V
		5144.16	47.11	-6.89	54	32.71	35.03	11.6	32.23	116	10	A	V
	*	5182	109.63	-	-	95.18	35.06	11.63	32.24	116	10	P	V
	5182	100.9	-	-	86.45	35.06	11.63	32.24	116	10	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 1 5150~5250MHz
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full		10358.36	45.28	-23.02	68.3	50.71	38.32	16.93	60.68	300	0	P	H
CH 36 5180MHz		10358.36	44.69	-23.61	68.3	50.12	38.32	16.93	60.68	300	0	P	V
802.11ax HE20 Full		10438.44	44.59	-23.71	68.3	49.87	38.35	17.03	60.66	300	0	P	H
CH 44 5220MHz		10438.44	45.46	-22.84	68.3	50.74	38.35	17.03	60.66	300	0	P	V
802.11ax HE20 Full		10478.47	46.35	-21.95	68.3	51.55	38.36	17.09	60.65	300	0	P	H
CH 48 5240MHz		10478.47	45.22	-23.08	68.3	50.42	38.36	17.09	60.65	300	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 1 5150~5250MHz
WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/0 CH 36 5180MHz		5132.48	54.57	-19.43	74	42.52	35.01	11.58	34.54	283	347	P	H
		5100.96	44.36	-9.64	54	32.48	34.98	11.54	34.64	283	347	A	H
		5170	102.64	-	-	90.31	35.05	11.61	34.33	283	347	P	H
		5170	95.48	-	-	83.15	35.05	11.61	34.33	283	347	A	H
		5138.56	55.69	-18.31	74	43.64	35.01	11.58	34.54	120	360	P	V
		5101.92	44.3	-9.7	54	32.42	34.98	11.54	34.64	120	360	A	V
		5170	103.2	-	-	90.87	35.05	11.61	34.33	120	360	P	V
802.11ax HE20 Partial 26/0 CH 48 5240MHz		5170	95.29	-	-	82.96	35.05	11.61	34.33	120	360	A	V
		5394.24	53.75	-20.25	74	40.18	35.26	11.84	33.53	350	360	P	H
		5399.28	44.41	-9.59	54	30.81	35.27	11.86	33.53	350	360	A	H
		5248	106.84	-	-	94.04	35.13	11.7	34.03	350	360	P	H
		5248	98.92	-	-	86.12	35.13	11.7	34.03	350	360	A	H
		5381.82	54.56	-19.44	74	40.99	35.26	11.84	33.53	400	16	P	V
		5398.56	44.53	-9.47	54	30.93	35.27	11.86	33.53	400	16	A	V
Remark		5248	108.02	-	-	95.22	35.13	11.7	34.03	400	16	P	V
		5248	99.96	-	-	87.16	35.13	11.7	34.03	400	16	A	V
1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



UNII 1 5150~5250MHz
WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 52/37 CH 36 5180MHz		5139.84	55.91	-18.09	74	43.82	35.03	11.6	34.54	295	350	P	H
		5104.32	44.42	-9.58	54	32.54	34.98	11.54	34.64	295	350	A	H
		5176	105.97	-	-	93.61	35.06	11.63	34.33	295	350	P	H
		5176	97.54	-	-	85.18	35.06	11.63	34.33	295	350	A	H
		5124.16	54.53	-19.47	74	42.48	35.01	11.58	34.54	123	4	P	V
		5101.92	44.39	-9.61	54	32.51	34.98	11.54	34.64	123	4	A	V
		5176	105.71	-	-	93.35	35.06	11.63	34.33	123	4	P	V
		5176	97.83	-	-	85.47	35.06	11.63	34.33	123	4	A	V
802.11ax HE20 Partial 52/37 CH 48 5240MHz		5353.38	54.72	-19.28	74	41.33	35.22	11.8	33.63	348	360	P	H
		5395.5	44.44	-9.56	54	30.84	35.27	11.86	33.53	348	360	A	H
		5248	105.18	-	-	92.38	35.13	11.7	34.03	348	360	P	H
		5248	97.18	-	-	84.38	35.13	11.7	34.03	348	360	A	H
		5377.32	54.75	-19.25	74	41.22	35.24	11.82	33.53	195	360	P	V
		5399.64	44.4	-9.6	54	30.8	35.27	11.86	33.53	195	360	A	V
		5248	103.46	-	-	90.66	35.13	11.7	34.03	195	360	P	V
		5248	95.92	-	-	83.12	35.13	11.7	34.03	195	360	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 1 5150~5250MHz
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/53 CH 36 5180MHz		5101.44	54.9	-19.1	74	43.02	34.98	11.54	34.64	263	308	P	H
		5100.16	44.34	-9.66	54	32.46	34.98	11.54	34.64	263	308	A	H
		5176	100.16	-	-	87.8	35.06	11.63	34.33	263	308	P	H
		5176	91.73	-	-	79.37	35.06	11.63	34.33	263	308	A	H
		5116.48	54.65	-19.35	74	42.63	35	11.56	34.54	113	4	P	V
		5103.2	44.33	-9.67	54	32.45	34.98	11.54	34.64	113	4	A	V
		5176	104.15	-	-	91.79	35.06	11.63	34.33	113	4	P	V
		5176	95.46	-	-	83.1	35.06	11.63	34.33	113	4	A	V
802.11ax HE20 Partial 106/53 CH 48 5240MHz		5398.38	54.22	-19.78	74	40.62	35.27	11.86	33.53	255	305	P	H
		5396.76	44.67	-9.33	54	31.07	35.27	11.86	33.53	255	305	A	H
		5242	99.53	-	-	86.83	35.13	11.7	34.13	255	305	P	H
		5242	91.11	-	-	78.41	35.13	11.7	34.13	255	305	A	H
		5391	54.38	-19.62	74	40.81	35.26	11.84	33.53	121	0	P	V
		5396.94	44.66	-9.34	54	31.06	35.27	11.86	33.53	121	0	A	V
		5248	102.32	-	-	89.52	35.13	11.7	34.03	121	0	P	V
		5248	94.52	-	-	81.72	35.13	11.7	34.03	121	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 1 5150~5250MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 38 5190MHz		5146.72	60.92	-13.08	74	46.52	35.03	11.6	32.23	288	354	P	H
	!	5145.6	49.49	-4.51	54	35.09	35.03	11.6	32.23	288	354	A	H
	*	5194	106.34	-	-	91.85	35.08	11.65	32.24	288	354	P	H
		5194	97.67	-	-	83.18	35.08	11.65	32.24	288	354	A	H
		5385.24	55.59	-18.41	74	40.77	35.26	11.84	32.28	288	354	P	H
		5397.48	45.78	-8.22	54	30.93	35.27	11.86	32.28	288	354	A	H
		5136	63.64	-10.36	74	49.28	35.01	11.58	32.23	100	360	P	V
	!	5144.96	48.5	-5.5	54	34.1	35.03	11.6	32.23	100	360	A	V
	*	5182	106.86	-	-	92.41	35.06	11.63	32.24	100	360	P	V
		5182	97.77	-	-	83.32	35.06	11.63	32.24	100	360	A	V
		5396.22	55.19	-18.81	74	40.34	35.27	11.86	32.28	100	360	P	V
		5397.66	45.71	-8.29	54	30.86	35.27	11.86	32.28	100	360	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 1 5150~5250MHz
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full		10378.38	45.33	-22.97	68.3	50.7	38.33	16.97	60.67	300	0	P	H
CH 38 5190MHz		10378.38	45.46	-22.84	68.3	50.83	38.33	16.97	60.67	300	0	P	V
802.11ax HE40 Full		10458.46	45.27	-23.03	68.3	50.53	38.35	17.05	60.66	300	0	P	H
CH 46 5230MHz		10458.46	45.59	-22.71	68.3	50.85	38.35	17.05	60.66	300	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 1 5150~5250MHz
WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 242/61 CH 38 5190MHz		5120.64	54.69	-19.31	74	42.67	35	11.56	34.54	247	309	P	H
		5104.64	44.38	-9.62	54	32.5	34.98	11.54	34.64	247	309	A	H
		5188	98.54	-	-	86.18	35.06	11.63	34.33	247	309	P	H
		5188	89.61	-	-	77.25	35.06	11.63	34.33	247	309	A	H
		5378.4	54.71	-19.29	74	41.14	35.26	11.84	33.53	247	309	P	H
		5399.28	44.72	-9.28	54	31.12	35.27	11.86	33.53	247	309	A	H
		5113.44	55.84	-18.16	74	43.92	35	11.56	34.64	100	360	P	V
		5100.8	44.41	-9.59	54	32.53	34.98	11.54	34.64	100	360	A	V
		5170	100.78	-	-	88.45	35.05	11.61	34.33	100	360	P	V
		5170	92.14	-	-	79.81	35.05	11.61	34.33	100	360	A	V
		5362.2	54.79	-19.21	74	41.36	35.24	11.82	33.63	100	360	P	V
		5398.92	44.66	-9.34	54	31.06	35.27	11.86	33.53	100	360	A	V
802.11ax HE40 Partial 242/61 CH 46 5230MHz		5122.08	55.12	-18.88	74	43.1	35	11.56	34.54	299	358	P	H
		5113.76	44.37	-9.63	54	32.45	35	11.56	34.64	299	358	A	H
		5248	103.95	-	-	91.15	35.13	11.7	34.03	299	358	P	H
		5248	95.41	-	-	82.61	35.13	11.7	34.03	299	358	A	H
		5379.3	54.18	-19.82	74	40.61	35.26	11.84	33.53	299	358	P	H
		5399.82	44.65	-9.35	54	31.05	35.27	11.86	33.53	299	358	A	H
		5134.88	54.97	-19.03	74	42.92	35.01	11.58	34.54	134	0	P	V
		5103.04	44.37	-9.63	54	32.49	34.98	11.54	34.64	134	0	A	V
		5236	104.21	-	-	91.55	35.11	11.68	34.13	134	0	P	V
		5236	94.46	-	-	81.8	35.11	11.68	34.13	134	0	A	V
	5393.7	54.57	-19.43	74	41	35.26	11.84	33.53	134	0	P	V	
	5397.48	44.66	-9.34	54	31.06	35.27	11.86	33.53	134	0	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 1 5150~5250MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 42 5210MHz		5148.96	61.02	-12.98	74	46.62	35.03	11.6	32.23	288	355	P	H
	!	5149.44	49.81	-4.19	54	35.41	35.03	11.6	32.23	288	355	A	H
	*	5200	102.4	-	-	87.91	35.08	11.65	32.24	288	355	P	H
		5200	92.91	-	-	78.42	35.08	11.65	32.24	288	355	A	H
		5351.94	55.96	-18.04	74	41.21	35.22	11.8	32.27	288	355	P	H
		5397.12	45.96	-8.04	54	31.11	35.27	11.86	32.28	288	355	A	H
		5136.32	58.64	-15.36	74	44.28	35.01	11.58	32.23	100	8	P	V
	!	5148	48.51	-5.49	54	34.11	35.03	11.6	32.23	100	8	A	V
	*	5194	102.05	-	-	87.56	35.08	11.65	32.24	100	8	P	V
		5194	93.4	-	-	78.91	35.08	11.65	32.24	100	8	A	V
		5390.82	55.41	-18.59	74	40.59	35.26	11.84	32.28	100	8	P	V
	5394.6	45.81	-8.19	54	30.96	35.27	11.86	32.28	100	8	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII 1 5150~5250MHz
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 42 5210MHz		10418.42	45	-23.3	68.3	50.32	38.34	17.01	60.67	300	0	P	H
		10418.42	44.56	-23.74	68.3	49.88	38.34	17.01	60.67	300	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 1 5150~5250MHz
WIFI 802.11ax HE80 Partial 484(Band Edge @ 3m)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include test results for frequencies 5150, 5188, 5369.22, 5399.28, 5147.04, 5145.12, 5176, and 5400 MHz.

Remark

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



UNII 2A - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include test data for 802.11a CH 64 5320MHz and a Remark section.



UNII 2A 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		7015.015	53.74	-14.56	68.3	63.96	36.79	13.44	60.45	300	0	P	H
		10518.52	44.66	-23.64	68.3	49.82	38.37	17.12	60.65	300	0	P	H
		7015.015	50.88	-17.42	68.3	61.1	36.79	13.44	60.45	300	0	P	V
		10518.52	44.67	-23.63	68.3	49.83	38.37	17.12	60.65	300	0	P	V
802.11a CH 60 5300MHz		7065.065	51.33	-16.97	68.3	61.53	36.77	13.49	60.46	300	0	P	H
		10600.01	45.43	-28.57	74	50.49	38.4	17.17	60.63	300	0	P	H
		7065.065	49.19	-19.11	68.3	59.39	36.77	13.49	60.46	300	0	P	V
		10600.01	44.25	-29.75	74	49.31	38.4	17.17	60.63	300	0	P	V
802.11a CH 64 5320MHz		7099	50.63	-17.67	68.3	60.82	36.76	13.52	60.47	300	0	P	H
		10638.63	45.15	-28.85	74	50.16	38.41	17.2	60.62	300	0	P	H
		7099	49.31	-18.99	68.3	59.5	36.76	13.52	60.47	300	0	P	V
		10638.63	44.12	-29.88	74	49.13	38.41	17.2	60.62	300	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2A 5250~5350MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include test results for 802.11ax HE20 Full CH 64 5320MHz and a Remark section.



UNII 2A 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		7015.015	54.03	-14.27	68.3	64.25	36.79	13.44	60.45	300	0	P	H
HE20 Full		10520	45.2	-23.1	68.3	50.36	38.37	17.12	60.65	300	0	P	H
CH 52		7015.015	52.7	-15.6	68.3	62.92	36.79	13.44	60.45	300	0	P	V
5260MHz		10518.52	45.01	-23.29	68.3	50.17	38.37	17.12	60.65	300	0	P	V
802.11ax		7065.065	52.47	-15.83	68.3	62.67	36.77	13.49	60.46	300	0	P	H
HE20 Full		10600.01	44.37	-29.63	74	49.43	38.4	17.17	60.63	300	0	P	H
CH 60		7065.065	50.54	-17.76	68.3	60.74	36.77	13.49	60.46	300	0	P	V
5300MHz		10600.01	45.38	-28.62	74	50.44	38.4	17.17	60.63	300	0	P	V
802.11ax		7095.095	51.84	-16.46	68.3	62.03	36.76	13.52	60.47	300	0	P	H
HE20 Full		10638.63	45.16	-28.84	74	50.17	38.41	17.2	60.62	300	0	P	H
CH 64		7095.095	50.81	-17.49	68.3	61	36.76	13.52	60.47	300	0	P	V
5320MHz		10640	45.6	-28.4	74	50.61	38.41	17.2	60.62	300	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2A 5250~5350MHz

WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/4 CH 52 5260MHz		5114.4	54.47	-19.53	74	42.55	35	11.56	34.64	333	350	P	H
		5100.8	44.26	-9.74	54	32.38	34.98	11.54	34.64	333	350	A	H
		5254	106.96	-	-	94.16	35.13	11.7	34.03	333	350	P	H
		5254	100.21	-	-	87.41	35.13	11.7	34.03	333	350	A	H
		5101.6	55.09	-18.91	74	43.21	34.98	11.54	34.64	103	356	P	V
		5100	44.28	-9.72	54	32.4	34.98	11.54	34.64	103	356	A	V
		5254	106.28	-	-	93.48	35.13	11.7	34.03	103	356	P	V
		5254	99.37	-	-	86.57	35.13	11.7	34.03	103	356	A	V
802.11ax HE20 Partial 26/8 CH 64 5320MHz		5395	54.07	-19.93	74	40.47	35.27	11.86	33.53	389	343	P	H
		5397.8	44.6	-9.4	54	31	35.27	11.86	33.53	389	343	A	H
		5326	106.22	-	-	92.99	35.19	11.77	33.73	389	343	P	H
		5326	98.65	-	-	85.42	35.19	11.77	33.73	389	343	A	H
		5374.2	55.53	-18.47	74	42.1	35.24	11.82	33.63	349	0	P	V
		5394.7	44.49	-9.51	54	30.89	35.27	11.86	33.53	349	0	A	V
		5326	107.06	-	-	93.83	35.19	11.77	33.73	349	0	P	V
		5326	99.82	-	-	86.59	35.19	11.77	33.73	349	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2A 5250~5350MHz
WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 52/40 CH 52 5260MHz		5138.56	54.77	-19.23	74	42.72	35.01	11.58	34.54	301	349	P	H
		5100.64	44.32	-9.68	54	32.44	34.98	11.54	34.64	301	349	A	H
		5254	105.04	-	-	92.24	35.13	11.7	34.03	301	349	P	H
		5254	97.91	-	-	85.11	35.13	11.7	34.03	301	349	A	H
		5103.2	55.49	-18.51	74	43.61	34.98	11.54	34.64	104	0	P	V
		5100.16	44.35	-9.65	54	32.47	34.98	11.54	34.64	104	0	A	V
		5254	103.3	-	-	90.5	35.13	11.7	34.03	104	0	P	V
		5254	96.55	-	-	83.75	35.13	11.7	34.03	104	0	A	V
802.11ax HE20 Partial 52/40 CH 64 5320MHz		5357.7	55.36	-18.64	74	41.97	35.22	11.8	33.63	292	360	P	H
		5399.5	44.5	-9.5	54	30.9	35.27	11.86	33.53	292	360	A	H
		5326	103.97	-	-	90.74	35.19	11.77	33.73	292	360	P	H
		5326	96.14	-	-	82.91	35.19	11.77	33.73	292	360	A	H
		5358.2	54.06	-19.94	74	40.67	35.22	11.8	33.63	349	360	P	V
		5398.5	44.49	-9.51	54	30.89	35.27	11.86	33.53	349	360	A	V
		5332	103.19	-	-	89.92	35.21	11.79	33.73	349	360	P	V
		5332	96.17	-	-	82.9	35.21	11.79	33.73	349	360	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2A 5250~5350MHz
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/54 CH52 5260MHz		5147.68	54.79	-19.21	74	42.6	35.03	11.6	34.44	247	286	P	H
		5102.08	44.28	-9.72	54	32.4	34.98	11.54	34.64	247	286	A	H
		5254	98.08	-	-	85.28	35.13	11.7	34.03	247	286	P	H
		5254	90.1	-	-	77.3	35.13	11.7	34.03	247	286	A	H
		5124.16	55.03	-18.97	74	42.98	35.01	11.58	34.54	356	2	P	V
		5100.8	44.3	-9.7	54	32.42	34.98	11.54	34.64	356	2	A	V
		5254	100.76	-	-	87.96	35.13	11.7	34.03	356	2	P	V
		5254	92.93	-	-	80.13	35.13	11.7	34.03	356	2	A	V
802.11ax HE20 Partial 106/54 CH 64 5320MHz		5396.3	54.54	-19.46	74	40.94	35.27	11.86	33.53	185	305	P	H
		5397.1	44.67	-9.33	54	31.07	35.27	11.86	33.53	185	305	A	H
		5326	98.59	-	-	85.36	35.19	11.77	33.73	185	305	P	H
		5326	90.36	-	-	77.13	35.19	11.77	33.73	185	305	A	H
		5398.9	54.18	-19.82	74	40.58	35.27	11.86	33.53	302	11	P	V
		5398.9	44.58	-9.42	54	30.98	35.27	11.86	33.53	302	11	A	V
		5326	102.35	-	-	89.12	35.19	11.77	33.73	302	11	P	V
		5326	93.62	-	-	80.39	35.19	11.77	33.73	302	11	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**UNII 2A 5250~5350MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 62 5310MHz		5137.76	56.46	-17.54	74	42.1	35.01	11.58	32.23	319	352	P	H
		5100.32	46.39	-7.61	54	32.09	34.98	11.54	32.22	319	352	A	H
	*	5314	104.35	-	-	89.65	35.19	11.77	32.26	319	352	P	H
		5314	96.12	-	-	81.42	35.19	11.77	32.26	319	352	A	H
		5397.1	58.75	-15.25	74	43.9	35.27	11.86	32.28	319	352	P	H
		5354.5	47.02	-6.98	54	32.27	35.22	11.8	32.27	319	352	A	H
		5113.44	56.72	-17.28	74	42.38	35	11.56	32.22	104	0	P	V
		5100	46.31	-7.69	54	32.01	34.98	11.54	32.22	104	0	A	V
	*	5314	104.8	-	-	90.1	35.19	11.77	32.26	104	0	P	V
		5314	95.4	-	-	80.7	35.19	11.77	32.26	104	0	A	V
	5366.8	57.03	-16.97	74	42.24	35.24	11.82	32.27	104	0	P	V	
	5354.2	46.83	-7.17	54	32.08	35.22	11.8	32.27	104	0	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2A 5250~5350MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		7025.025	54.01	-14.29	68.3	64.23	36.79	13.44	60.45	300	0	P	H
HE40 Full		10538.54	44.33	-23.97	68.3	49.46	38.38	17.13	60.64	300	0	P	H
CH 54		7025.025	52.14	-16.16	68.3	62.36	36.79	13.44	60.45	300	0	P	V
5270MHz		10540	46.09	-22.21	68.3	51.22	38.38	17.13	60.64	300	0	P	V
802.11ax		7080.08	52.27	-16.03	68.3	62.47	36.77	13.5	60.47	300	0	P	H
HE40 Full		10620	45.39	-28.61	74	50.42	38.41	17.18	60.62	300	0	P	H
CH 62		7080.08	50.79	-17.51	68.3	60.99	36.77	13.5	60.47	300	0	P	V
5310MHz		10618.62	44.51	-29.49	74	49.54	38.41	17.18	60.62	300	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**UNII 2A 5250~5350MHz
WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 242/62 CH 54 5270MHz		5148.64	55.16	-18.84	74	42.97	35.03	11.6	34.44	302	0	P	H
		5100.64	44.46	-9.54	54	32.58	34.98	11.54	34.64	302	0	A	H
		5254	104.4	-	-	91.6	35.13	11.7	34.03	302	0	P	H
		5254	96.31	-	-	83.51	35.13	11.7	34.03	302	0	A	H
		5388.1	55.23	-18.77	74	41.66	35.26	11.84	33.53	302	0	P	H
		5396.4	44.86	-9.14	54	31.26	35.27	11.86	33.53	302	0	A	H
		5105.12	54.74	-19.26	74	42.86	34.98	11.54	34.64	148	2	P	V
		5100.64	44.5	-9.5	54	32.62	34.98	11.54	34.64	148	2	A	V
		5266	104.83	-	-	92	35.14	11.72	34.03	148	2	P	V
		5266	95.62	-	-	82.79	35.14	11.72	34.03	148	2	A	V
		5394.7	55.15	-18.85	74	41.55	35.27	11.86	33.53	148	2	P	V
		5399.5	44.9	-9.1	54	31.3	35.27	11.86	33.53	148	2	A	V
802.11ax HE40 Partial 242/62 CH 62 5310MHz		5109.76	54.27	-19.73	74	42.35	35	11.56	34.64	267	358	P	H
		5100.64	44.34	-9.66	54	32.46	34.98	11.54	34.64	267	358	A	H
		5326	103.93	-	-	90.7	35.19	11.77	33.73	267	358	P	H
		5326	95.51	-	-	82.28	35.19	11.77	33.73	267	358	A	H
		5358.7	58.76	-15.24	74	45.37	35.22	11.8	33.63	267	358	P	H
		5399.9	44.77	-9.23	54	31.17	35.27	11.86	33.53	267	358	A	H
		5143.68	55.6	-18.4	74	43.41	35.03	11.6	34.44	100	3	P	V
		5100.8	44.26	-9.74	54	32.38	34.98	11.54	34.64	100	3	A	V
		5326	103.64	-	-	90.41	35.19	11.77	33.73	100	3	P	V
		5326	94.18	-	-	80.95	35.19	11.77	33.73	100	3	A	V
	5364.4	54.43	-19.57	74	41	35.24	11.82	33.63	100	3	P	V	
	5396.1	44.7	-9.3	54	31.1	35.27	11.86	33.53	100	3	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2A 5250~5350MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 58 5290MHz		5145.28	57.96	-16.04	74	43.56	35.03	11.6	32.23	267	0	P	H
		5102.56	46.65	-7.35	54	32.35	34.98	11.54	32.22	267	0	A	H
	*	5296	102.76	-	-	88.09	35.18	11.75	32.26	267	0	P	H
		5296	93.04	-	-	78.37	35.18	11.75	32.26	267	0	A	H
		5354.4	61.68	-12.32	74	46.93	35.22	11.8	32.27	267	0	P	H
	!	5351.1	48.34	-5.66	54	33.59	35.22	11.8	32.27	267	0	A	H
		5121.44	57.42	-16.58	74	43.09	35	11.56	32.23	100	0	P	V
		5101.76	46.57	-7.43	54	32.27	34.98	11.54	32.22	100	0	A	V
	*	5284	101.01	-	-	86.38	35.16	11.73	32.26	100	0	P	V
		5284	93.01	-	-	78.38	35.16	11.73	32.26	100	0	A	V
	5360.9	59.83	-14.17	74	45.04	35.24	11.82	32.27	100	0	P	V	
!	5350	48.45	-5.55	54	33.7	35.22	11.8	32.27	100	0	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII 2A 5250~5350MHz
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 58 5290MHz		7055	49.5	-18.8	68.3	59.71	36.78	13.47	60.46	300	0	P	H
		10578.58	44.32	-23.98	68.3	49.41	38.39	17.15	60.63	300	0	P	H
		7055	46.36	-21.94	68.3	56.57	36.78	13.47	60.46	300	0	P	V
		10578.58	45.35	-22.95	68.3	50.44	38.39	17.15	60.63	300	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2A 5250~5350MHz
WIFI 802.11ax HE80 Partial 484 (Band Edge @ 3m)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include test results for frequencies 5108.8, 5112.32, 5302, 5302, 5360.3, 5351.6, 5130.88, 5100.32, 5314, 5314, 5370.2, 5350.6.

Remark

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



UNII 2A 5250~5350MHz

WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Partial CH 50 5250MHz		5134.4	60.81	-13.19	74	46.45	35.01	11.58	32.23	269	352	P	H
		5114.88	50	-4	54	35.66	35	11.56	32.22	269	352	A	H
		5218	97.47	-	-	82.95	35.09	11.67	32.24	269	352	P	H
		5218	88.99	-	-	74.47	35.09	11.67	32.24	269	352	A	H
		5352.3	57.9	-16.1	74	43.15	35.22	11.8	32.27	269	352	P	H
		5396.2	47.74	-6.26	54	32.89	35.27	11.86	32.28	269	352	A	H
		5114.72	60.71	-13.29	74	46.37	35	11.56	32.22	103	360	P	V
		5113.76	49.76	-4.24	54	35.42	35	11.56	32.22	103	360	A	V
		5284	99.09	-	-	84.46	35.16	11.73	32.26	103	360	P	V
		5284	89.67	-	-	75.04	35.16	11.73	32.26	103	360	A	V
		5366	58.75	-15.25	74	43.96	35.24	11.82	32.27	103	360	P	V
		5396.1	48.55	-5.45	54	33.7	35.27	11.86	32.28	103	360	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII 2A 5250~5350MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 50 5250MHz		10498.5	46.23	-22.07	68.3	51.4	38.37	17.11	60.65	300	0	P	H
		10498.5	47.76	-20.54	68.3	52.93	38.37	17.11	60.65	300	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2A 5250~5350MHz

WIFI 802.11ax HE160 Partial 996 Left(Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Partial 996/67 CH 50 5290MHz		5125.44	67.98	-6.02	74	55.93	35.01	11.58	34.54	292	360	P	H
		5130.88	47	-7	54	34.95	35.01	11.58	34.54	292	360	A	H
		5182	101.72	-	-	89.36	35.06	11.63	34.33	292	360	P	H
		5182	90.33	-	-	77.97	35.06	11.63	34.33	292	360	A	H
		5395	67.44	-6.56	74	53.84	35.27	11.86	33.53	292	360	P	H
		5396.2	47.63	-6.37	54	34.03	35.27	11.86	33.53	292	360	A	H
		5129.6	62.95	-11.05	74	50.9	35.01	11.58	34.54	105	352	P	V
		5129.92	45.22	-8.78	54	33.17	35.01	11.58	34.54	105	352	A	V
		5182	96.37	-	-	84.01	35.06	11.63	34.33	105	352	P	V
		5182	88.29	-	-	75.93	35.06	11.63	34.33	105	352	A	V
		5396.1	63.89	-10.11	74	50.29	35.27	11.86	33.53	105	352	P	V
		5399.9	45.7	-8.3	54	32.1	35.27	11.86	33.53	105	352	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2A 5250~5350MHz

WIFI 802.11ax HE160 Partial 996 Right(Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Partial 996/67 CH 50 5290MHz		5132	66.11	-7.89	74	54.06	35.01	11.58	34.54	362	360	P	H
		5125.44	45.95	-8.05	54	33.9	35.01	11.58	34.54	362	360	A	H
		5278	97.32	-	-	84.36	35.16	11.73	33.93	362	360	P	H
		5278	89.27	-	-	76.31	35.16	11.73	33.93	362	360	A	H
		5395.5	67.25	-6.75	74	53.65	35.27	11.86	33.53	362	360	P	H
		5396.4	46.82	-7.18	54	33.22	35.27	11.86	33.53	362	360	A	H
		5125.6	62.93	-11.07	74	50.88	35.01	11.58	34.54	153	360	P	V
		5120.64	45.12	-8.88	54	33.1	35	11.56	34.54	153	360	A	V
		5254	98.83	-	-	86.03	35.13	11.7	34.03	153	360	P	V
		5254	88.23	-	-	75.43	35.13	11.7	34.03	153	360	A	V
		5395.8	62.93	-11.07	74	49.33	35.27	11.86	33.53	153	360	P	V
		5357.5	45.84	-8.16	54	32.45	35.22	11.8	33.63	153	360	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2C - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		5457.2	58.97	-15.03	74	44.03	35.32	11.91	32.29	340	0	P	H
		5460.72	59.13	-9.17	68.3	44.19	35.32	11.91	32.29	340	0	P	H
	!	5459.76	48.47	-5.53	54	33.53	35.32	11.91	32.29	340	0	A	H
	*	5500	109.36	-	-	94.33	35.37	11.96	32.3	340	0	P	H
		5500	100.54	-	-	85.51	35.37	11.96	32.3	340	0	A	H
		5455.92	57.29	-16.71	74	42.35	35.32	11.91	32.29	108	2	P	V
		5467.6	57.4	-10.9	68.3	42.42	35.34	11.93	32.29	108	2	P	V
		5457.52	47.26	-6.74	54	32.32	35.32	11.91	32.29	108	2	A	V
	*	5506	108.22	-	-	93.18	35.37	11.96	32.29	108	2	P	V
		5506	101.27	-	-	86.23	35.37	11.96	32.29	108	2	A	V
802.11a CH 140 5700MHz		5728.04	60.55	-7.75	68.3	45.01	35.65	12.15	32.26	123	325	P	H
	*	5704	108.68	-	-	93.19	35.62	12.13	32.26	123	325	P	H
		5704	101.54	-	-	86.05	35.62	12.13	32.26	123	325	A	H
		5733.64	58.31	-9.99	68.3	42.77	35.65	12.15	32.26	159	348	P	V
	*	5698	108.67	-	-	93.22	35.59	12.12	32.26	159	348	P	V
		5698	100.6	-	-	85.15	35.59	12.12	32.26	159	348	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2C - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		10999	44.77	-29.23	74	49.36	38.53	17.42	60.54	300	0	P	H
		10999	45.01	-28.99	74	49.6	38.53	17.42	60.54	300	0	P	V
802.11a CH 116 5580MHz		11159.16	45.09	-28.91	74	49.51	38.59	17.49	60.5	300	0	P	H
		11159.16	46.04	-27.96	74	50.46	38.59	17.49	60.5	300	0	P	V
802.11a CH 140 5700MHz		11400	44.47	-29.53	74	48.66	38.67	17.59	60.45	300	0	P	H
		11399.39	45.36	-28.64	74	49.55	38.67	17.59	60.45	300	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2C - 5470~5725MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 100 5500MHz		5374.96	56.11	-17.89	74	41.32	35.24	11.82	32.27	359	2	P	H
		5465.68	56.12	-12.18	68.3	41.14	35.34	11.93	32.29	359	2	P	H
		5459.12	46.29	-7.71	54	31.35	35.32	11.91	32.29	359	2	A	H
	*	5506	106.83	-	-	91.79	35.37	11.96	32.29	359	2	P	H
		5506	98.5	-	-	83.46	35.37	11.96	32.29	359	2	A	H
		5431.76	56.53	-17.47	74	41.62	35.31	11.89	32.29	101	21	P	V
		5461.68	55.73	-12.57	68.3	40.79	35.32	11.91	32.29	101	21	P	V
		5454.48	46.25	-7.75	54	31.31	35.32	11.91	32.29	101	21	A	V
	*	5494	106.42	-	-	91.43	35.35	11.94	32.3	101	21	P	V
	5494	98.46	-	-	83.47	35.35	11.94	32.3	101	21	A	V	
802.11ax HE20 Full CH 140 5700MHz		5757.32	57.63	-10.67	68.3	41.98	35.72	12.18	32.25	142	326	P	H
	*	5704	108.43	-	-	92.94	35.62	12.13	32.26	142	326	P	H
		5704	99.9	-	-	84.41	35.62	12.13	32.26	142	326	A	H
		5725.72	57.47	-10.83	68.3	41.93	35.65	12.15	32.26	111	2	P	V
	*	5704	107.35	-	-	91.86	35.62	12.13	32.26	111	2	P	V
	5704	99.27	-	-	83.78	35.62	12.13	32.26	111	2	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2C 5470~5725MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full		10999	45.57	-28.43	74	50.16	38.53	17.42	60.54	300	0	P	H
CH 100 5500MHz		10999	44.65	-29.35	74	49.24	38.53	17.42	60.54	300	0	P	V
802.11ax HE20 Full		11159.16	45.64	-28.36	74	50.06	38.59	17.49	60.5	300	0	P	H
CH 116 5580MHz		11159.16	44.47	-29.53	74	48.89	38.59	17.49	60.5	300	0	P	V
802.11ax HE20 Full		11399.39	45.39	-28.61	74	49.58	38.67	17.59	60.45	300	0	P	H
CH 140 5700MHz		11399.39	45.88	-28.12	74	50.07	38.67	17.59	60.45	300	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2C 5470~5725MHz
WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/0 CH 100 5260MHz		5454.64	55.77	-18.23	74	41.77	35.32	11.91	33.23	390	359	P	H
		5461.84	55.17	-13.13	68.3	41.17	35.32	11.91	33.23	390	359	P	H
		5458.48	45.58	-8.42	54	31.58	35.32	11.91	33.23	390	359	A	H
		5494	108.94	-	-	94.77	35.35	11.94	33.12	390	359	P	H
		5494	101.9	-	-	87.73	35.35	11.94	33.12	390	359	A	H
		5457.04	56.1	-17.9	74	42.1	35.32	11.91	33.23	400	354	P	V
		5463.6	54.56	-13.74	68.3	40.52	35.34	11.93	33.23	400	354	P	V
		5457.2	45.56	-8.44	54	31.56	35.32	11.91	33.23	400	354	A	V
		5494	111.97	-	-	97.8	35.35	11.94	33.12	400	354	P	V
	5494	102.81	-	-	88.64	35.35	11.94	33.12	400	354	A	V	
802.11ax HE20 Partial 26/8 CH 140 5700MHz		5747.56	56.6	-11.7	68.3	41.73	35.68	12.16	32.97	228	357	P	H
		5710	109.84	-	-	94.84	35.62	12.13	32.75	228	357	P	H
		5710	101.76	-	-	86.76	35.62	12.13	32.75	228	357	A	H
		5752.68	56.5	-11.8	68.3	41.57	35.72	12.18	32.97	332	319	P	V
		5710	107.5	-	-	92.5	35.62	12.13	32.75	332	319	P	V
		5710	100.34	-	-	85.34	35.62	12.13	32.75	332	319	A	V



UNII 2C 5470~5725MHz
WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 52/37 CH 100 5500MHz		5448.08	56.62	-17.38	74	42.72	35.32	11.91	33.33	102	332	P	H
		5464.08	55.12	-13.18	68.3	41.08	35.34	11.93	33.23	102	332	P	H
		5458.8	45.68	-8.32	54	31.68	35.32	11.91	33.23	102	332	A	H
		5494	106.06	-	-	91.89	35.35	11.94	33.12	102	332	P	H
		5494	98	-	-	83.83	35.35	11.94	33.12	102	332	A	H
		5410.8	55.78	-18.22	74	42.08	35.27	11.86	33.43	116	0	P	V
		5460.88	55	-13.3	68.3	41	35.32	11.91	33.23	116	0	P	V
		5460	45.71	-8.29	54	31.71	35.32	11.91	33.23	116	0	A	V
		5494	107.61	-	-	93.44	35.35	11.94	33.12	116	0	P	V
	5494	99.71	-	-	85.54	35.35	11.94	33.12	116	0	A	V	
802.11ax HE20 Partial 52/40 CH 140 5700MHz		5725.88	55.97	-12.33	68.3	41.03	35.65	12.15	32.86	171	337	P	H
		5704	106.24	-	-	91.24	35.62	12.13	32.75	171	337	P	H
		5704	99.43	-	-	84.43	35.62	12.13	32.75	171	337	A	H
		5759.08	57.32	-10.98	68.3	42.39	35.72	12.18	32.97	124	356	P	V
		5710	107.23	-	-	92.23	35.62	12.13	32.75	124	356	P	V
		5710	100.36	-	-	85.36	35.62	12.13	32.75	124	356	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2C 5470~5725MHz
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/53 CH 100 5500MHz		5446.32	55.68	-18.32	74	41.78	35.32	11.91	33.33	134	323	P	H
		5466.96	55.25	-13.05	68.3	41.21	35.34	11.93	33.23	134	323	P	H
		5457.68	45.59	-8.41	54	31.59	35.32	11.91	33.23	134	323	A	H
		5494	100.72	-	-	86.55	35.35	11.94	33.12	134	323	P	H
		5494	93.2	-	-	79.03	35.35	11.94	33.12	134	323	A	H
		5374	55.3	-18.7	74	41.87	35.24	11.82	33.63	313	357	P	V
		5464.4	55.85	-12.45	68.3	41.81	35.34	11.93	33.23	313	357	P	V
		5458.96	45.62	-8.38	54	31.62	35.32	11.91	33.23	313	357	A	V
		5500	105.22	-	-	91.01	35.37	11.96	33.12	313	357	P	V
	5500	95.92	-	-	81.71	35.37	11.96	33.12	313	357	A	V	
802.11ax HE20 Partial 106/54 CH 140 5700MHz		5725.08	56.48	-11.82	68.3	41.54	35.65	12.15	32.86	144	320	P	H
		5704	101.81	-	-	86.81	35.62	12.13	32.75	144	320	P	H
		5704	93.59	-	-	78.59	35.62	12.13	32.75	144	320	A	H
		5763.88	57.07	-11.23	68.3	42.14	35.72	12.18	32.97	317	356	P	V
		5704	104.63	-	-	89.63	35.62	12.13	32.75	317	356	P	V
		5704	96.08	-	-	81.08	35.62	12.13	32.75	317	356	A	V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



UNII 2C 5470~5725MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 102 5510MHz		5425.84	56.29	-17.71	74	41.41	35.29	11.87	32.28	343	2	P	H
		5466	57.15	-11.15	68.3	42.17	35.34	11.93	32.29	343	2	P	H
		5459.6	46.74	-7.26	54	31.8	35.32	11.91	32.29	343	2	A	H
	*	5506	104.49	-	-	89.45	35.37	11.96	32.29	343	2	P	H
		5506	94.37	-	-	79.33	35.37	11.96	32.29	343	2	A	H
		5748.68	57.08	-11.22	68.3	41.49	35.68	12.16	32.25	343	2	P	H
		5409.68	56.42	-17.58	74	41.57	35.27	11.86	32.28	170	0	P	V
		5461.52	57.99	-10.31	68.3	43.05	35.32	11.91	32.29	170	0	P	V
		5458.48	46.62	-7.38	54	31.68	35.32	11.91	32.29	170	0	A	V
	*	5518	105.39	-	-	90.32	35.39	11.97	32.29	170	0	P	V
		5518	96.16	-	-	81.09	35.39	11.97	32.29	170	0	A	V
		5757.72	56.67	-11.63	68.3	41.02	35.72	12.18	32.25	170	0	P	V
802.11ax HE40 Full CH 134 5670MHz		5438.64	56.91	-17.09	74	42	35.31	11.89	32.29	117	329	P	H
		5469.36	56.51	-11.79	68.3	41.53	35.34	11.93	32.29	117	329	P	H
		5455.76	46.14	-7.86	54	31.2	35.32	11.91	32.29	117	329	A	H
	*	5674	104.96	-	-	89.56	35.56	12.1	32.26	117	329	P	H
		5674	97.01	-	-	81.61	35.56	12.1	32.26	117	329	A	H
		5753.48	57.24	-11.06	68.3	41.59	35.72	12.18	32.25	117	329	P	H
		5457.84	55.56	-18.44	74	40.62	35.32	11.91	32.29	179	0	P	V
		5466.16	55.96	-12.34	68.3	40.98	35.34	11.93	32.29	179	0	P	V
		5457.04	46.18	-7.82	54	31.24	35.32	11.91	32.29	179	0	A	V
	*	5674	105.16	-	-	89.76	35.56	12.1	32.26	179	0	P	V
	5674	96.76	-	-	81.36	35.56	12.1	32.26	179	0	A	V	
	5738.84	56.52	-11.78	68.3	40.94	35.68	12.16	32.26	179	0	P	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2C 5470~5725MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full		11019.02	46.12	-27.88	74	50.69	38.54	17.43	60.54	100	360	P	H
CH 102 5510MHz		11019.02	43.58	-30.42	74	48.15	38.54	17.43	60.54	100	360	P	V
802.11ax HE40 Full		11099.1	45.11	-28.89	74	49.6	38.57	17.46	60.52	300	0	P	H
CH 110 5550MHz		11099.1	46.66	-27.34	74	51.15	38.57	17.46	60.52	300	0	P	V
802.11ax HE40 Full		11339.33	44.79	-29.21	74	49.06	38.64	17.56	60.47	100	360	P	H
CH 134 5670MHz		11339.33	44.11	-29.89	74	48.38	38.64	17.56	60.47	100	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2C 5470~5725MHz

WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 242/61 CH 102 5510MHz		5412.88	55.42	-18.58	74	41.69	35.29	11.87	33.43	384	52	P	H
		5464.56	55.05	-13.25	68.3	41.01	35.34	11.93	33.23	384	52	P	H
		5458.48	45.66	-8.34	54	31.66	35.32	11.91	33.23	384	52	A	H
		5494	103.48	-	-	89.31	35.35	11.94	33.12	384	52	P	H
		5494	94.99	-	-	80.82	35.35	11.94	33.12	384	52	A	H
		5749.72	56.88	-11.42	68.3	42.01	35.68	12.16	32.97	384	52	P	H
		5446.48	57.01	-16.99	74	43.11	35.32	11.91	33.33	149	0	P	V
		5469.36	55.21	-13.09	68.3	41.17	35.34	11.93	33.23	149	0	P	V
		5458.64	45.68	-8.32	54	31.68	35.32	11.91	33.23	149	0	A	V
		5494	102.96	-	-	88.79	35.35	11.94	33.12	149	0	P	V
		5494	95.23	-	-	81.06	35.35	11.94	33.12	149	0	A	V
	5751.08	55.85	-12.45	68.3	40.98	35.68	12.16	32.97	149	0	P	V	
802.11ax HE40 Partial 242/62 CH 134 5670MHz		5391.76	55.77	-18.23	74	42.2	35.26	11.84	33.53	118	331	P	H
		5463.44	55.31	-12.99	68.3	41.27	35.34	11.93	33.23	118	331	P	H
		5458.64	45.53	-8.47	54	31.53	35.32	11.91	33.23	118	331	A	H
		5686	106.13	-	-	91.05	35.59	12.12	32.63	118	331	P	H
		5686	97.79	-	-	82.71	35.59	12.12	32.63	118	331	A	H
		5747.48	56.41	-11.89	68.3	41.54	35.68	12.16	32.97	118	331	P	H
		5433.68	55.88	-18.12	74	42.01	35.31	11.89	33.33	127	0	P	V
		5462.64	55.34	-12.96	68.3	41.3	35.34	11.93	33.23	127	0	P	V
		5454.64	45.62	-8.38	54	31.62	35.32	11.91	33.23	127	0	A	V
		5686	106.2	-	-	91.12	35.59	12.12	32.63	127	0	P	V
	5686	97.22	-	-	82.14	35.59	12.12	32.63	127	0	A	V	
	5744.6	56.24	-12.06	68.3	41.37	35.68	12.16	32.97	127	0	P	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2C 5470~5725MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 106 5530MHz		5457.52	57.31	-16.69	74	42.37	35.32	11.91	32.29	100	333	P	H
		5468.72	57.27	-11.03	68.3	42.29	35.34	11.93	32.29	100	333	P	H
		5456.56	47.99	-6.01	54	33.05	35.32	11.91	32.29	100	333	A	H
	*	5512	98.58	-	-	83.54	35.37	11.96	32.29	100	333	P	H
		5512	90.38	-	-	75.34	35.37	11.96	32.29	100	333	A	H
		5745.48	56.93	-11.37	68.3	41.34	35.68	12.16	32.25	100	333	P	H
		5459.28	59.5	-14.5	74	44.56	35.32	11.91	32.29	168	360	P	V
		5460.56	58.57	-9.73	68.3	43.63	35.32	11.91	32.29	168	360	P	V
	!	5459.12	48.99	-5.01	54	34.05	35.32	11.91	32.29	168	360	A	V
	*	5506	102.23	-	-	87.19	35.37	11.96	32.29	168	360	P	V
	5506	92.16	-	-	77.12	35.37	11.96	32.29	168	360	A	V	
	5762.76	56.75	-11.55	68.3	41.1	35.72	12.18	32.25	168	360	P	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII 2C 5470~5725MHz
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 106 5530MHz		11059.05	45.68	-28.32	74	50.21	38.55	17.45	60.53	300	0	P	H
		11059.05	46.16	-27.84	74	50.69	38.55	17.45	60.53	300	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2C 5470~5725MHz
WIFI 802.11ax HE80 Partial 484 (Band Edge @ 3m)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include frequency measurements for 802.11ax HE80 Partial 484/65 CH 106 5530MHz and a Remark section.



UNII 2C 5470~5725MHz
Emission below 1GHz
WIFI 802.11ax HE160 Full (LF @ 3m)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include frequency data for 802.11ax HE160 Full LF and a Remark section.



Co-location

U-NII-2A - 5250~5350MHz

WIFI 802.11ax HE160 Full _CH50&BLE_Tx_Ch39 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 50 5570MHz		5112.16	57.93	-16.07	74	46.01	35	11.56	34.64	262	0	P	H
	!	5114.56	47.18	-6.82	54	35.26	35	11.56	34.64	262	0	P	H
	*	5206	95.72	-	-	83.22	35.08	11.65	34.23	262	0	A	H
		5206	86.58	-	-	74.08	35.08	11.65	34.23	262	0	P	H
		5373.7	59.74	-14.26	74	46.31	35.24	11.82	33.63	262	0	A	H
		5352.7	48.89	-5.11	54	35.5	35.22	11.8	33.63	262	0	P	H
		5140.64	57.48	-16.52	74	45.39	35.03	11.6	34.54	124	6	P	V
	!	5134.88	46.66	-7.34	54	34.61	35.01	11.58	34.54	124	6	P	V
	*	5224	96.01	-	-	83.38	35.09	11.67	34.13	124	6	A	V
		5224	87.12	-	-	74.49	35.09	11.67	34.13	124	6	P	V
		5355.8	60.01	-13.99	74	46.62	35.22	11.8	33.63	124	6	A	V
	5355.6	49.56	-4.44	54	36.17	35.22	11.8	33.63	124	6	P	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WIFI 802.11ax HE160 Full _CH50&BLE_Tx_Ch39 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 50 5570MHz		10498.5	44.6	-23.7	68.3	49.77	38.37	17.11	60.65	300	0	P	H
		10498.5	44.01	-24.29	68.3	49.18	38.37	17.11	60.65	300	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE160 Full_CH50&BLE_Tx_Ch39 (Band Edge @ 3m)

BLE	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BLE CH 39 2480MHz		2493.76	53.46	-20.54	74	48.87	30.93	7.89	34.23	259	0	P	H
		2484.76	44.39	-9.61	54	39.93	30.86	7.86	34.26	259	0	A	H
		2480	83.59	-	-	79.13	30.86	7.86	34.26	259	0	P	H
		2480	82.09	-	-	77.63	30.86	7.86	34.26	259	0	A	H
		2490.46	53.41	-20.59	74	48.82	30.93	7.89	34.23	388	0	P	V
		2488.9	44.49	-9.51	54	39.93	30.93	7.89	34.26	388	0	A	V
		2480	84.52	-	-	80.06	30.86	7.86	34.26	388	0	P	V
		2480	83.01	-	-	78.55	30.86	7.86	34.26	388	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WIFI 802.11ax HE160 Full_CH50&BLE_Tx_Ch39 (Harmonic @ 3m)

BLE	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BLE CH 39 2480MHz		4962	42.84	-31.16	74	56.64	34.82	11.39	60.01	300	0	P	H
		7440	43.07	-30.93	74	53.14	36.62	13.85	60.54	300	0	P	H
		4962	42.78	-31.22	74	56.58	34.82	11.39	60.01	300	0	P	V
		7440	43.2	-30.8	74	53.27	36.62	13.85	60.54	300	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2A - 5250~5350MHz

WIFI 802.11ax HE160 Full _CH50&11ax HE20 Full _CH01 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 50 5570MHz		5106.56	56.99	-17.01	74	45.07	35	11.56	34.64	257	357	P	H
	!	5114.72	45.61	-8.39	54	33.69	35	11.56	34.64	257	357	P	H
	*	5224	97.64	-	-	85.01	35.09	11.67	34.13	257	357	A	H
		5224	88.88	-	-	76.25	35.09	11.67	34.13	257	357	P	H
		5379.5	60.49	-13.51	74	46.92	35.26	11.84	33.53	257	357	A	H
		5357.1	48.85	-5.15	54	35.46	35.22	11.8	33.63	257	357	P	H
		5106.08	55.69	-18.31	74	43.77	35	11.56	34.64	104	6	P	V
	!	5104.8	45.64	-8.36	54	33.76	34.98	11.54	34.64	104	6	P	V
	*	5248	94.54	-	-	81.74	35.13	11.7	34.03	104	6	A	V
		5248	86.39	-	-	73.59	35.13	11.7	34.03	104	6	P	V
		5397.6	58.87	-15.13	74	45.27	35.27	11.86	33.53	104	6	A	V
		5375.8	47.68	-6.32	54	34.15	35.24	11.82	33.53	104	6	P	V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												

WIFI 802.11ax HE160 Full _CH50&11ax HE20 Full _CH01 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 50 5570MHz		10498.5	44.88	-23.42	68.3	50.05	38.37	17.11	60.65	300	0	P	H
		10498.5	43.66	-24.64	68.3	48.83	38.37	17.11	60.65	300	0	P	V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE160 Full _CH50&11ax HE20 Full _CH01 (Band Edge @ 3m)

BLE	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
11axHE20 CH 01 2412MHz		2389.95	67.34	-6.66	74	63.46	30.5	7.72	34.34	250	28	P	H
		2389.95	48.29	-5.71	54	44.41	30.5	7.72	34.34	250	28	A	H
		2418	105.07	-	-	101.06	30.57	7.75	34.31	250	28	P	H
		2418	96.84	-	-	92.83	30.57	7.75	34.31	250	28	A	H
		2389.69	59.7	-14.3	74	55.82	30.5	7.72	34.34	238	102	P	V
		2389.95	44.17	-9.83	54	40.29	30.5	7.72	34.34	238	102	A	V
		2412	101.91	-	-	97.9	30.57	7.75	34.31	238	102	P	V
		2414	93.65	-	-	89.64	30.57	7.75	34.31	238	102	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WIFI 802.11ax HE160 Full _CH50&11ax HE20 Full _CH01 (Harmonic @ 3m)

BLE	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
11axHE20 CH 01 2412MHz		4824	43.51	-30.49	74	57.73	34.61	11.21	60.04	100	360	P	H
		4824	43.44	-30.56	74	57.66	34.61	11.21	60.04	100	360	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 not under limit 6dB margin.
P/A	P eak or A verage
H/V	H orizontal or V ertical



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. 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)

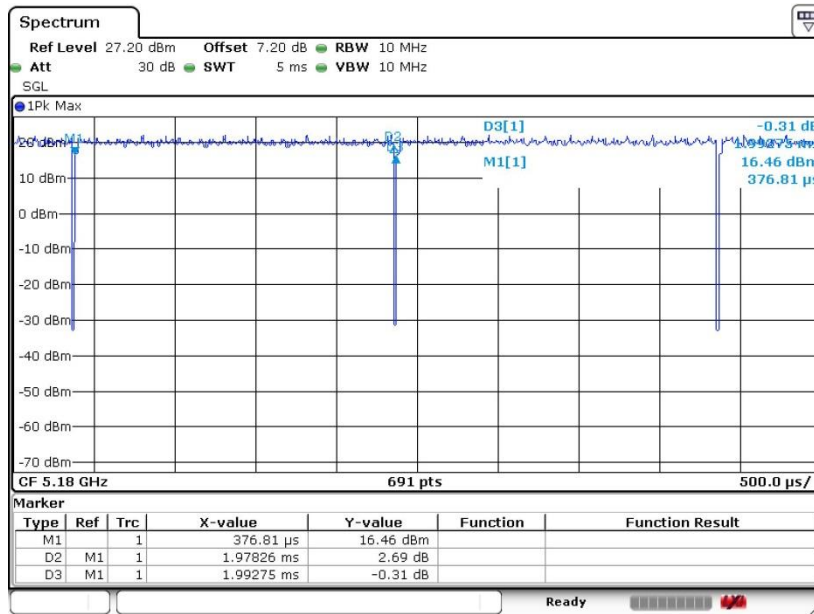
Both peak and average measured complies with the limit line, so test result is “PASS”.



Appendix D. Duty Cycle Plots

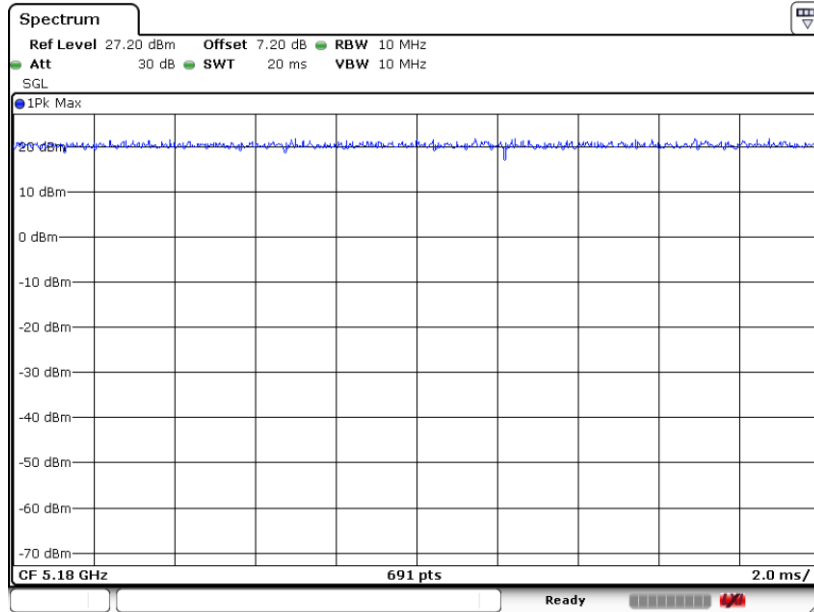
Antenna	Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
1+2	802.11a	99.27	-	-	10Hz
1+2	802.11ax HE20	100	-	-	10Hz
1+2	802.11ax HE40	100	-	-	10Hz
1+2	802.11ax HE80	100	-	-	10Hz
1+2	802.11ax HE160	99.33	-	-	10Hz

802.11a

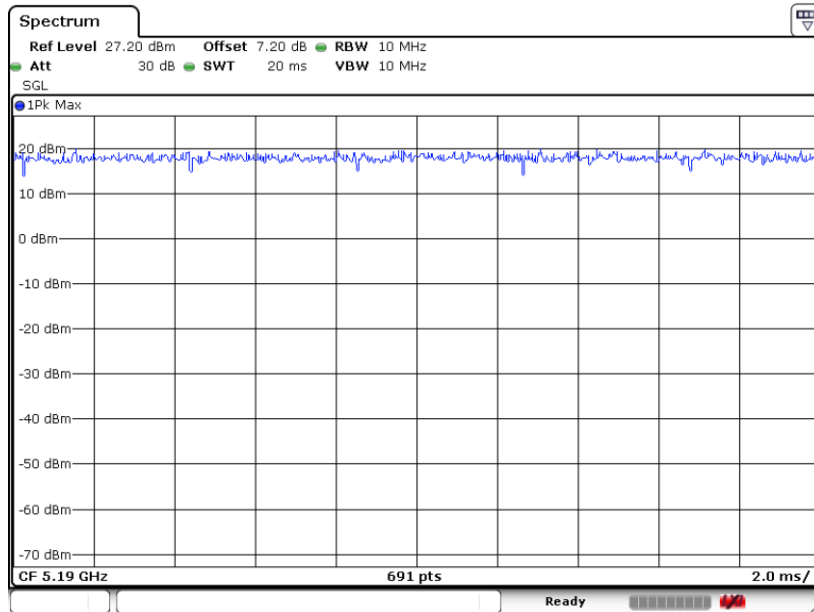




802.11ax HE20

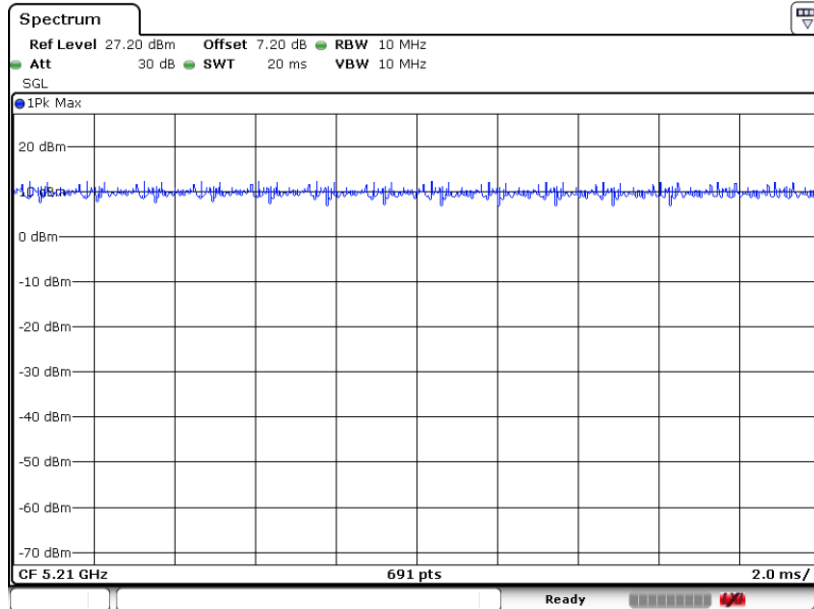


802.11ax HE40





802.11ax HE80



802.11ax HE160

