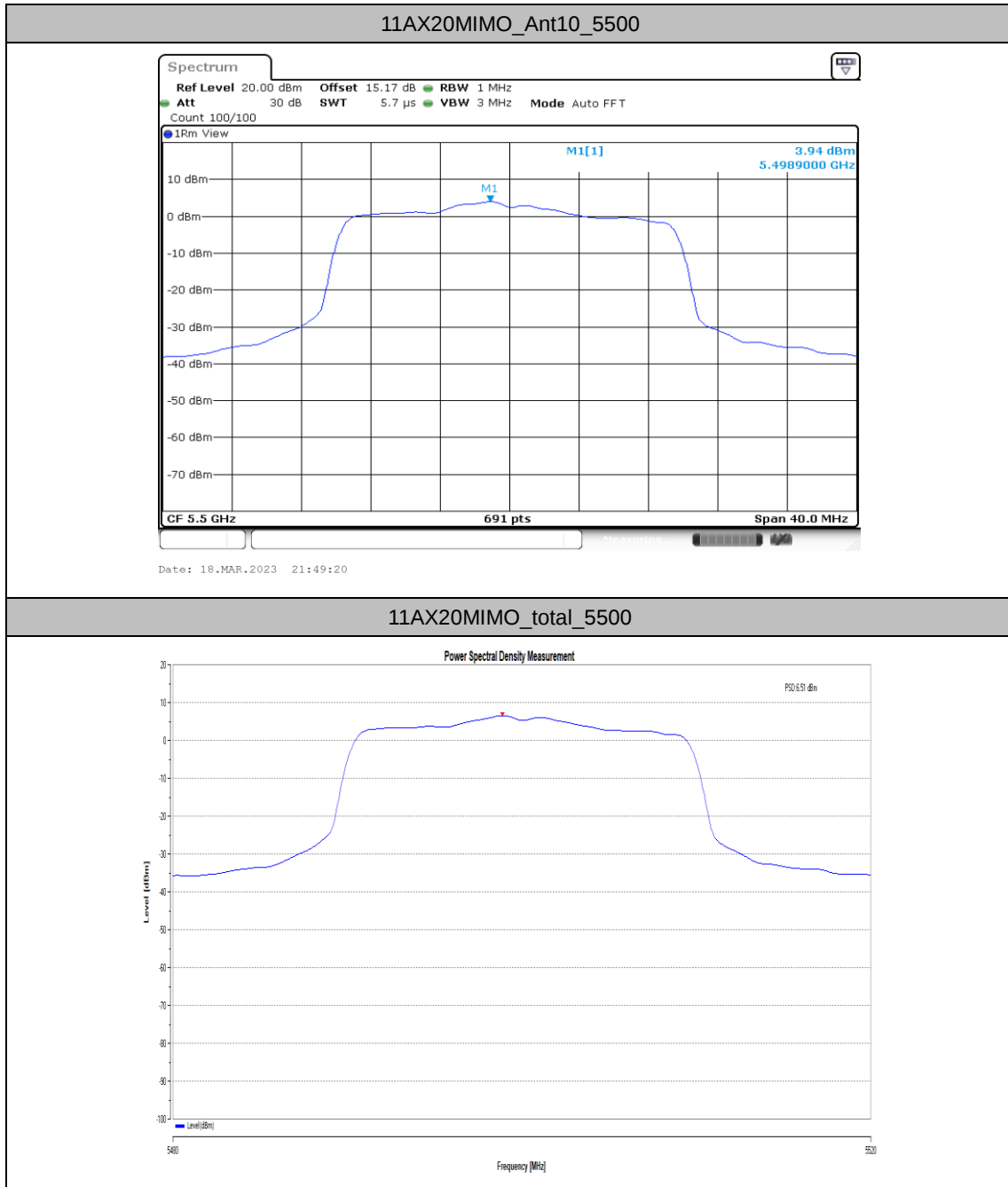
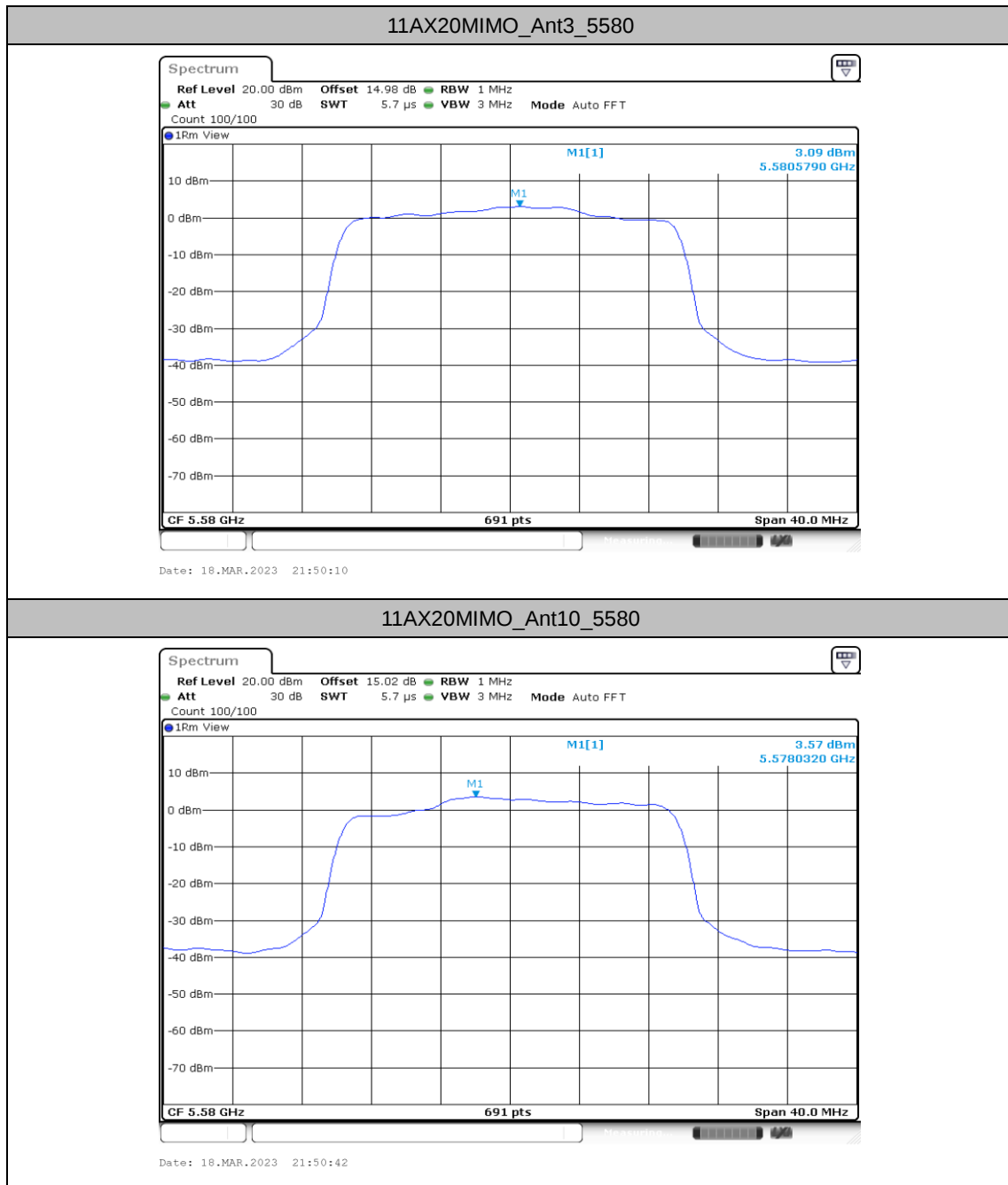
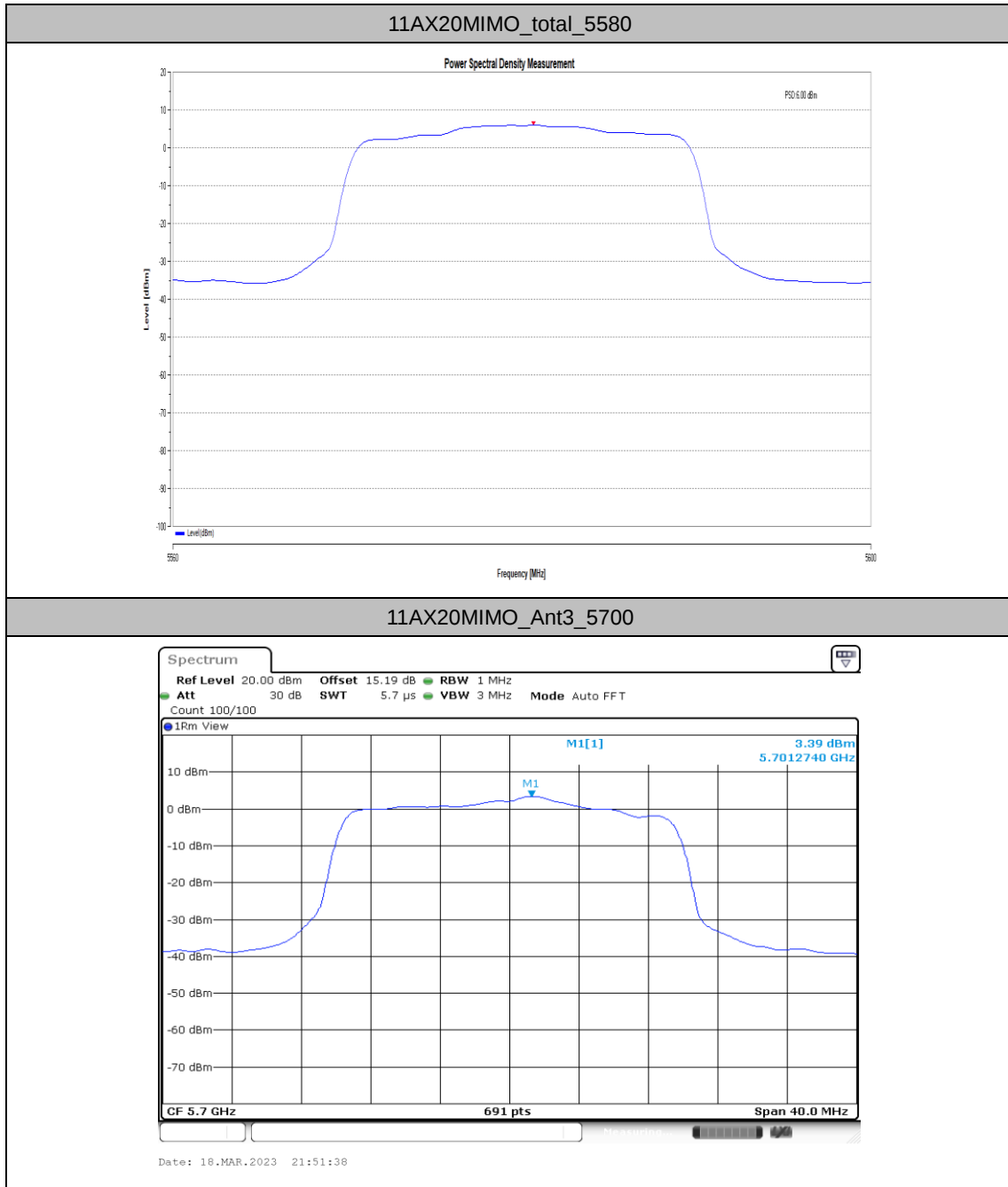
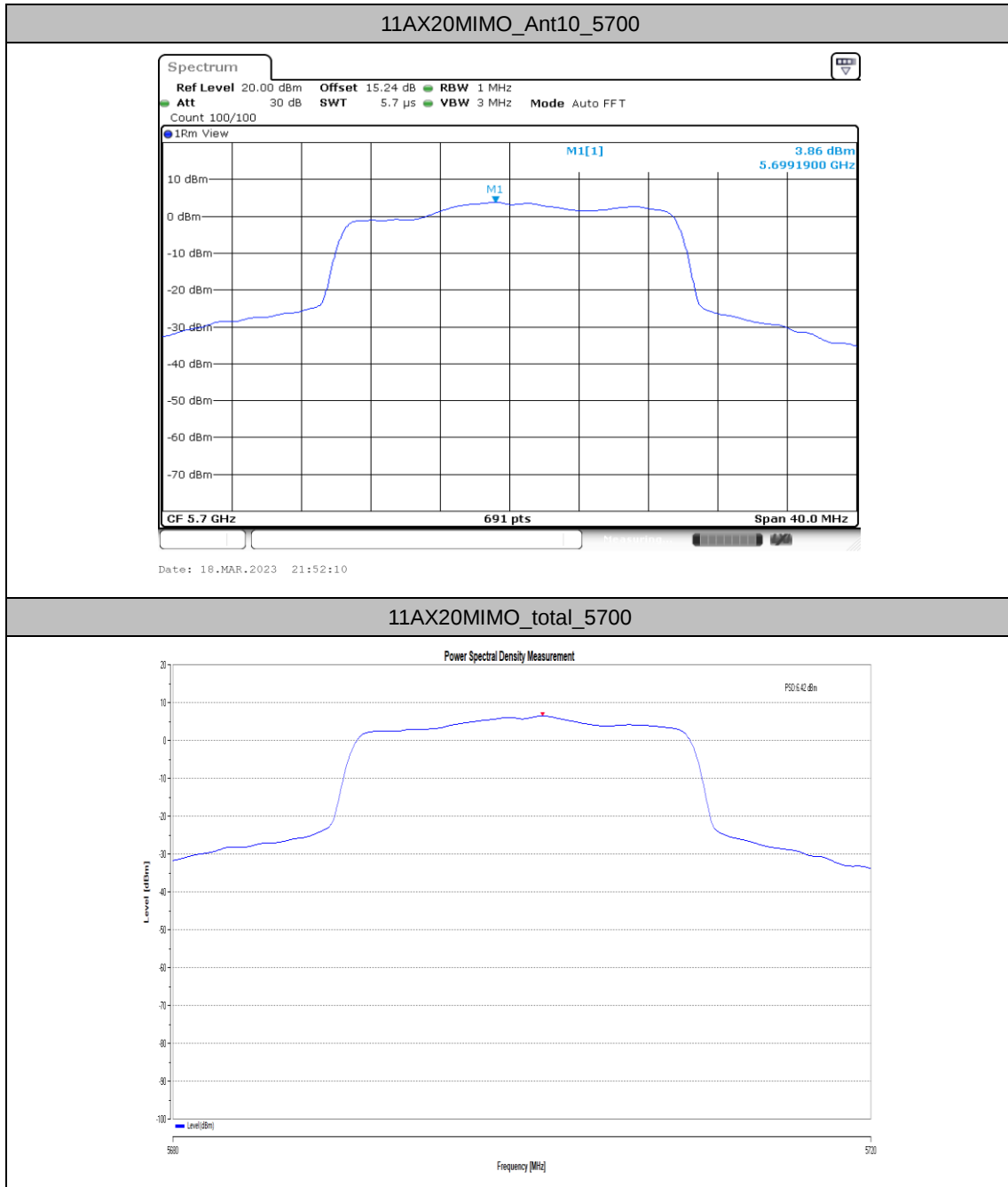
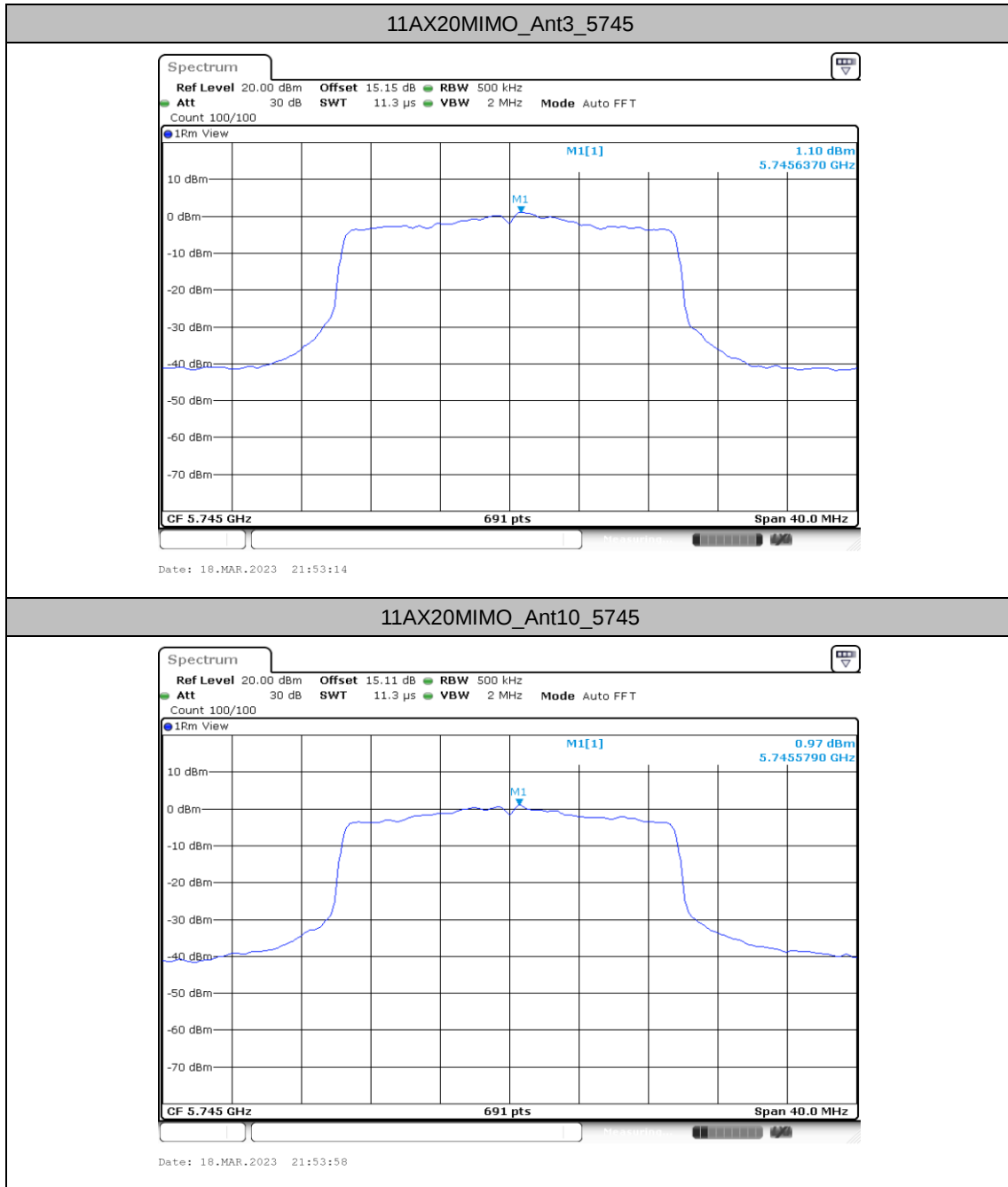


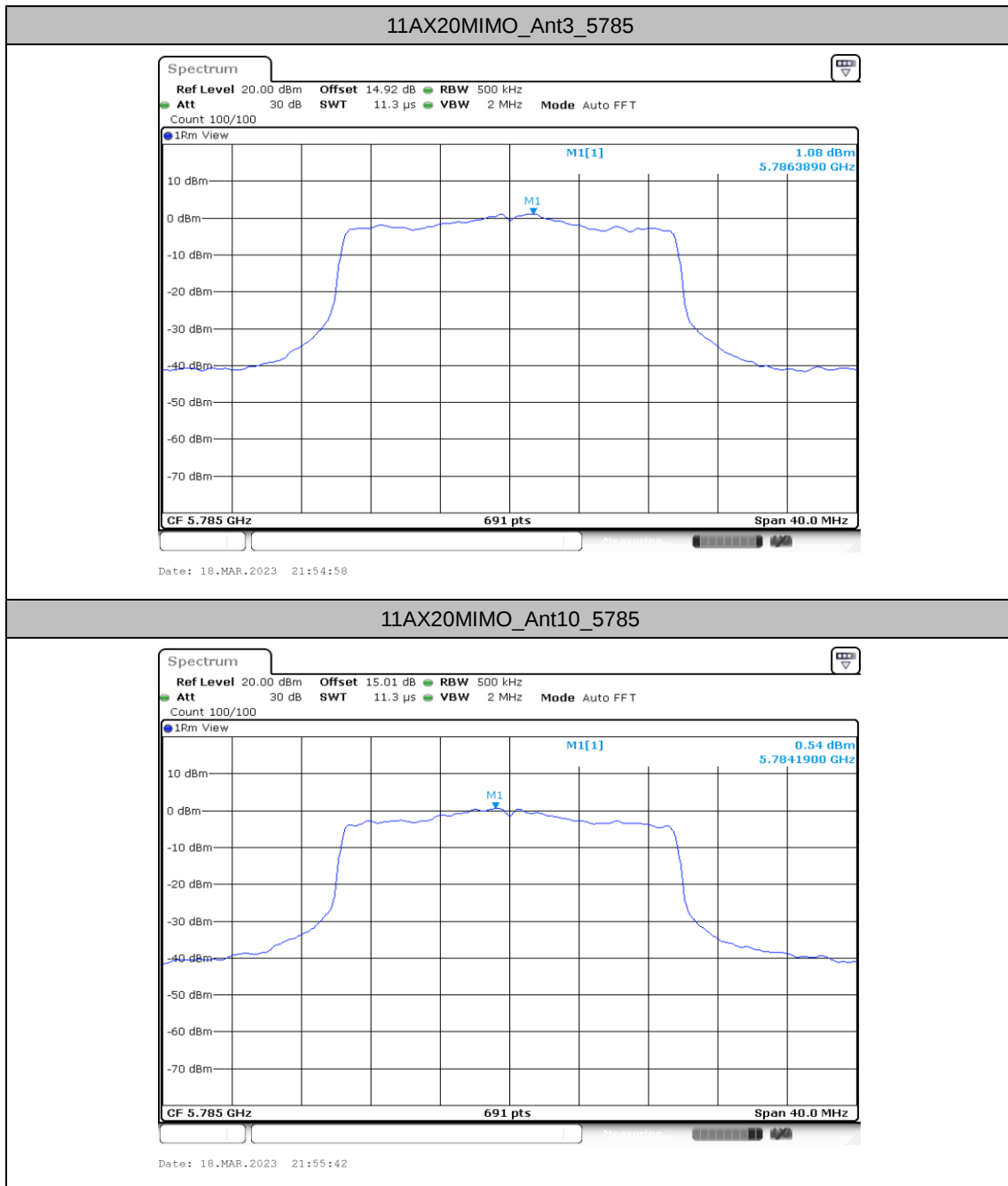


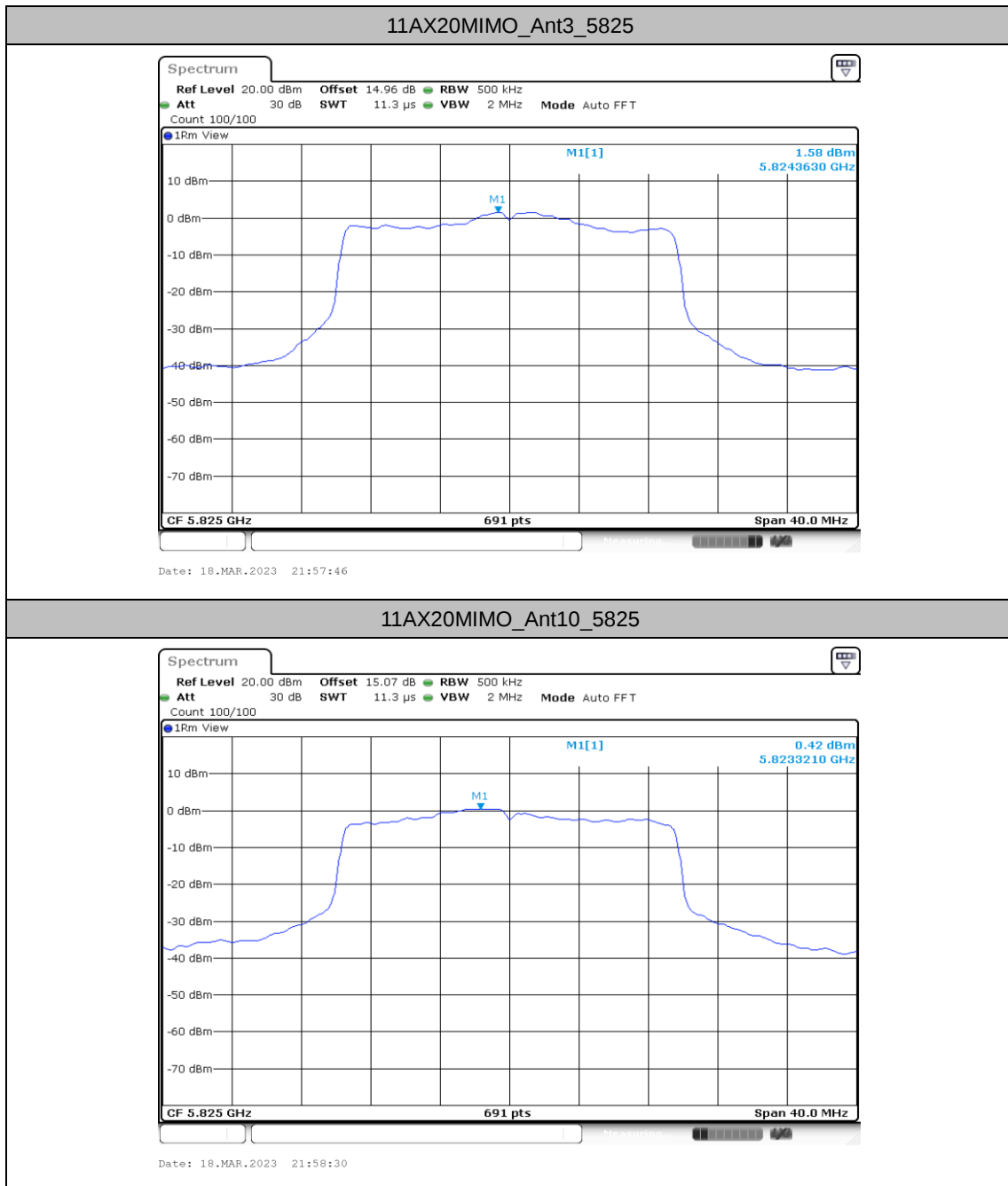


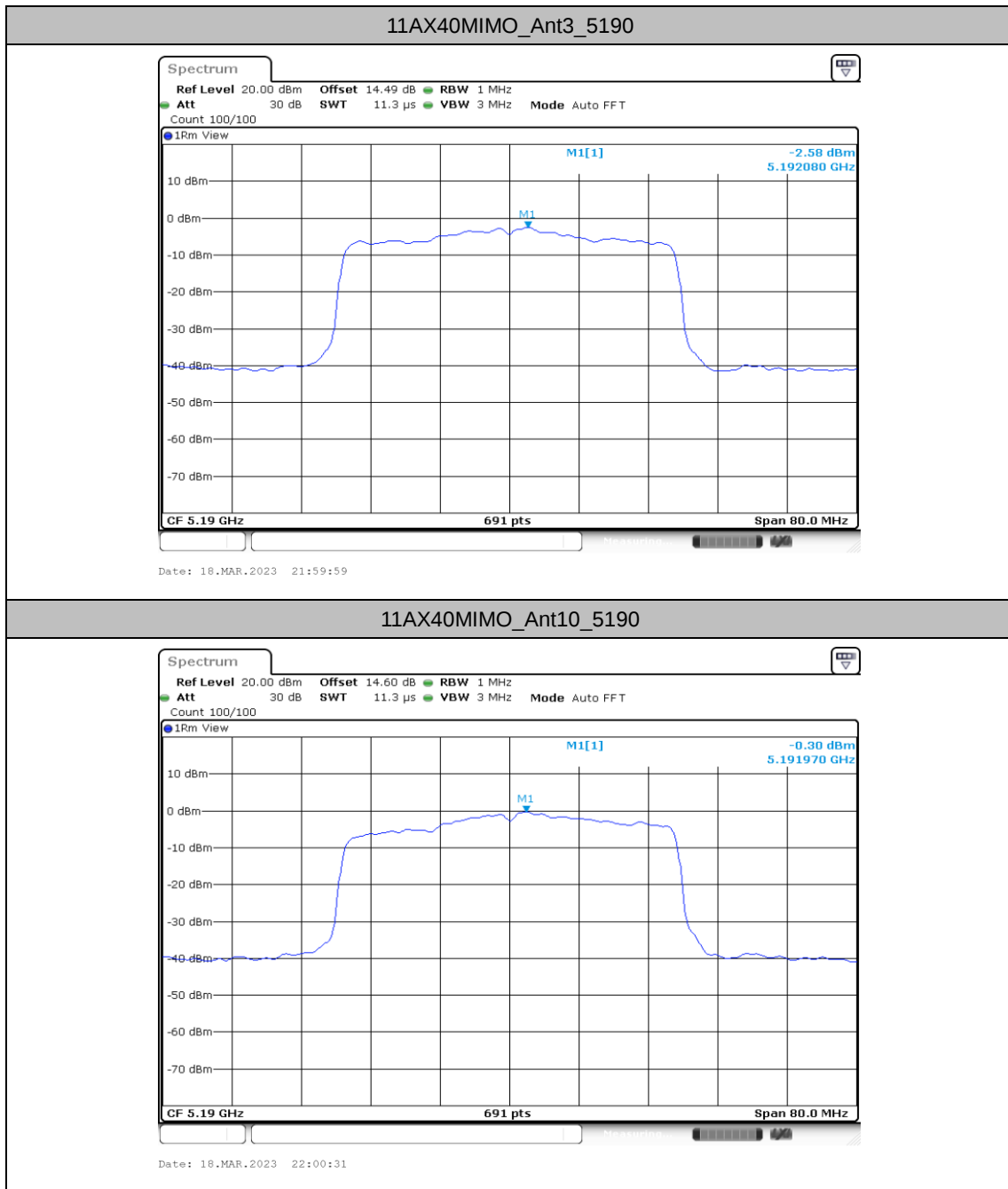


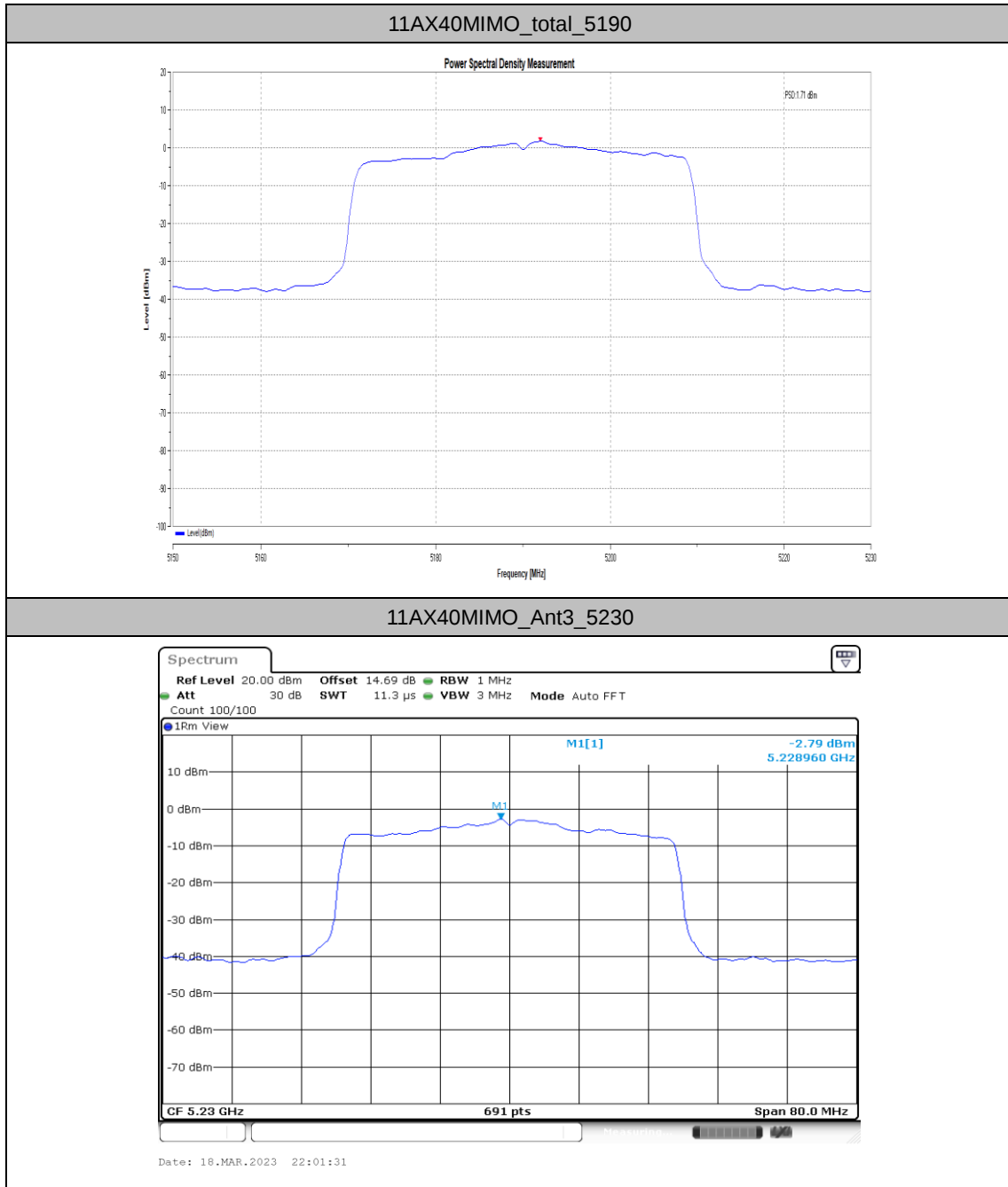


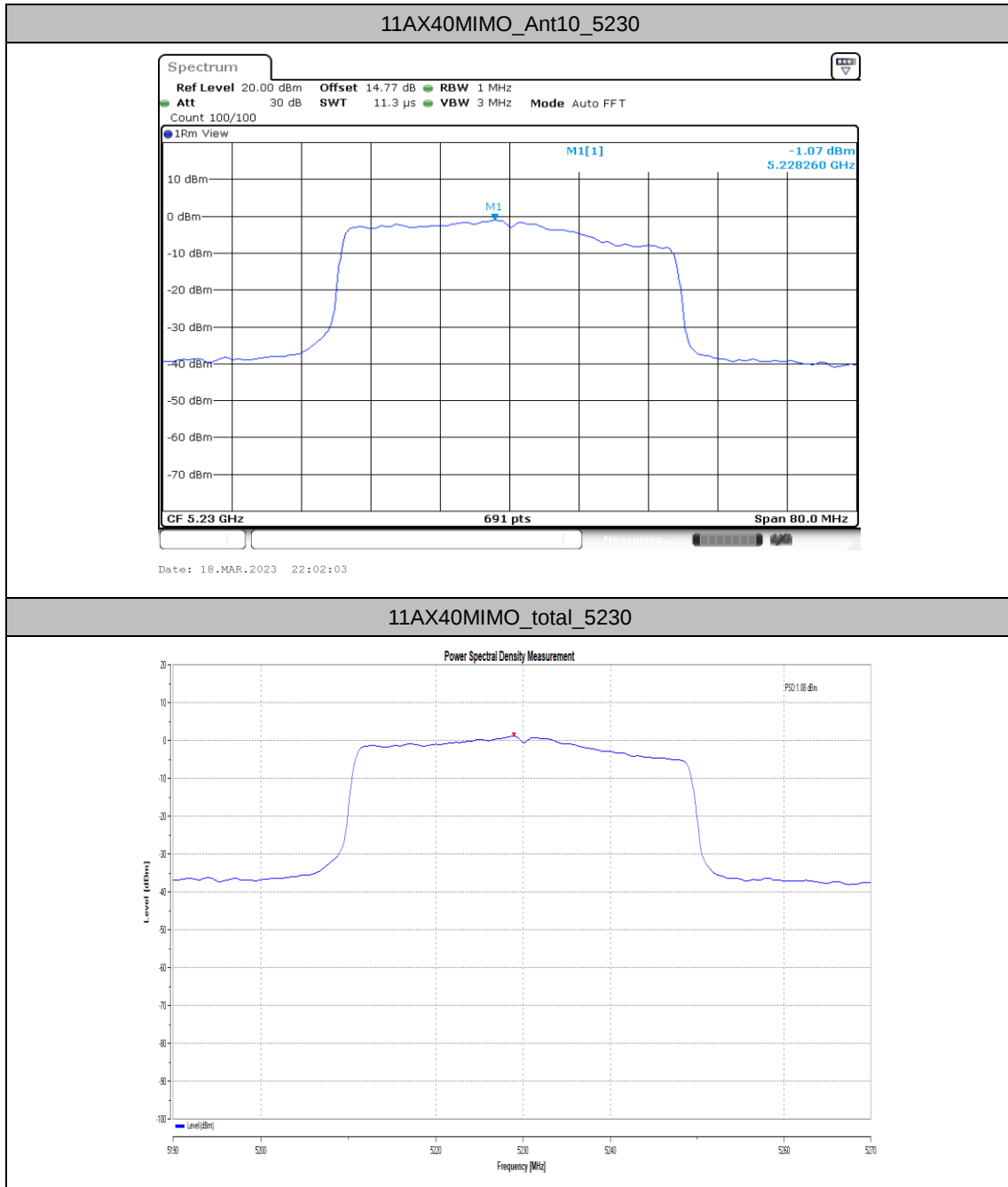


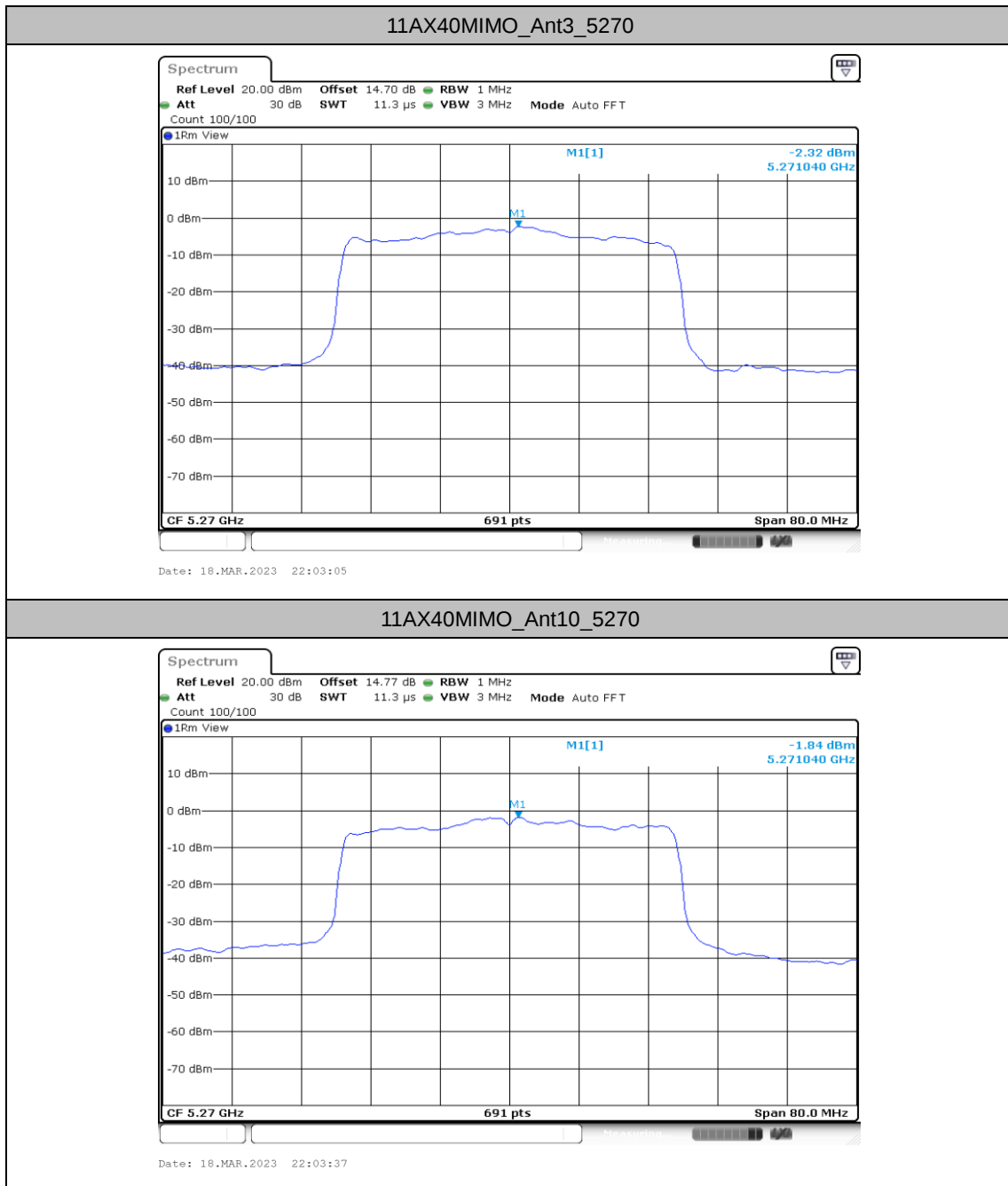


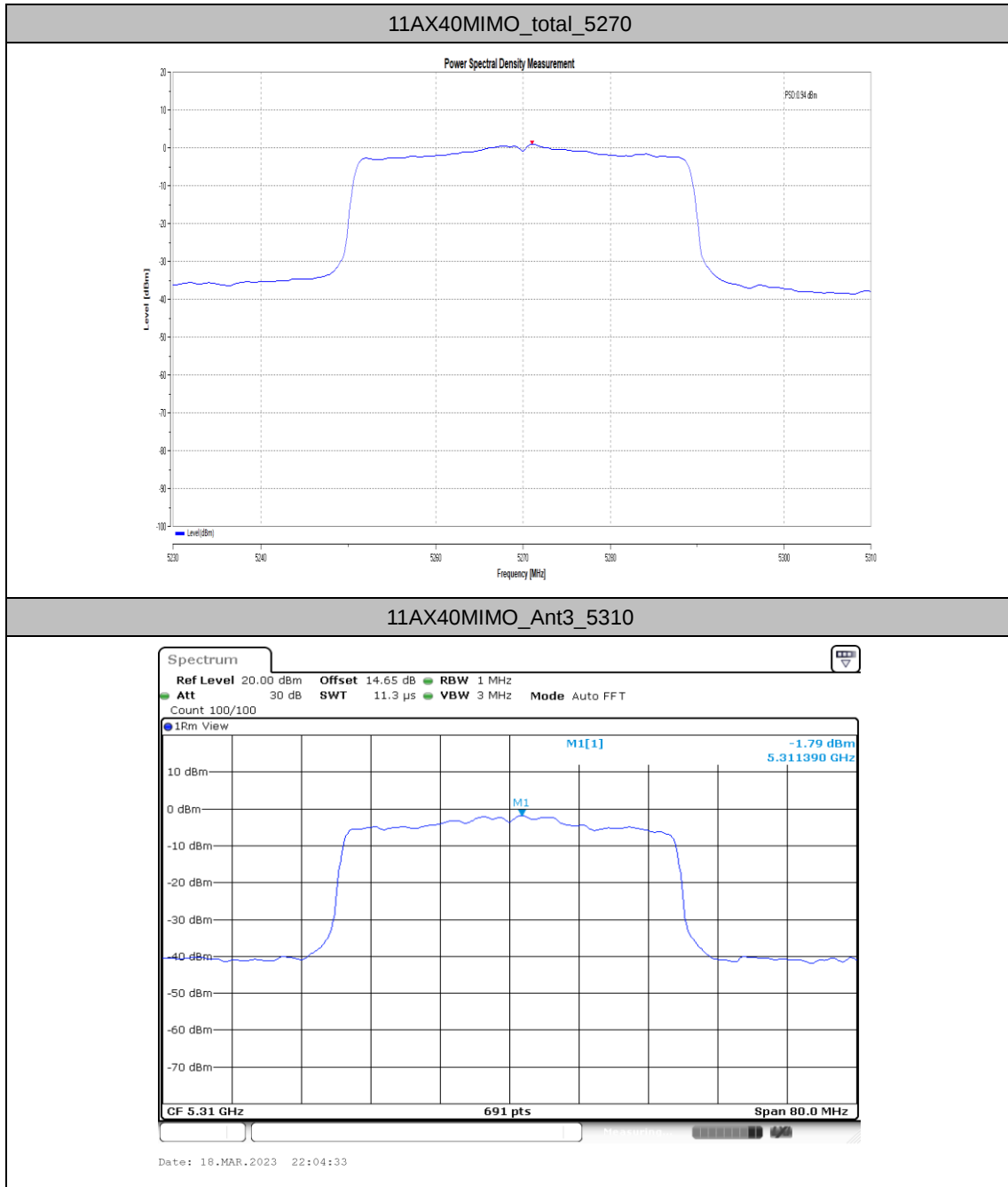


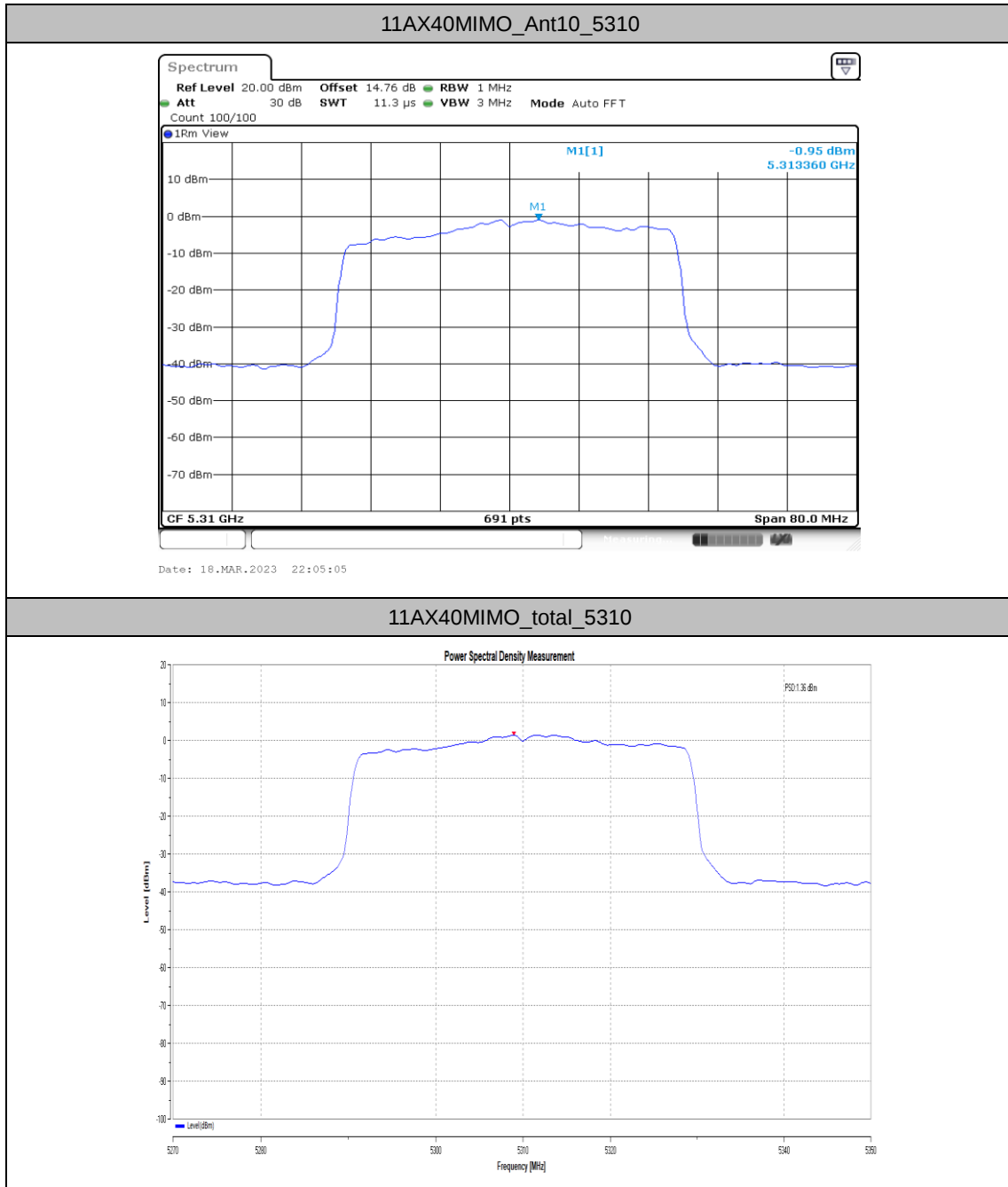


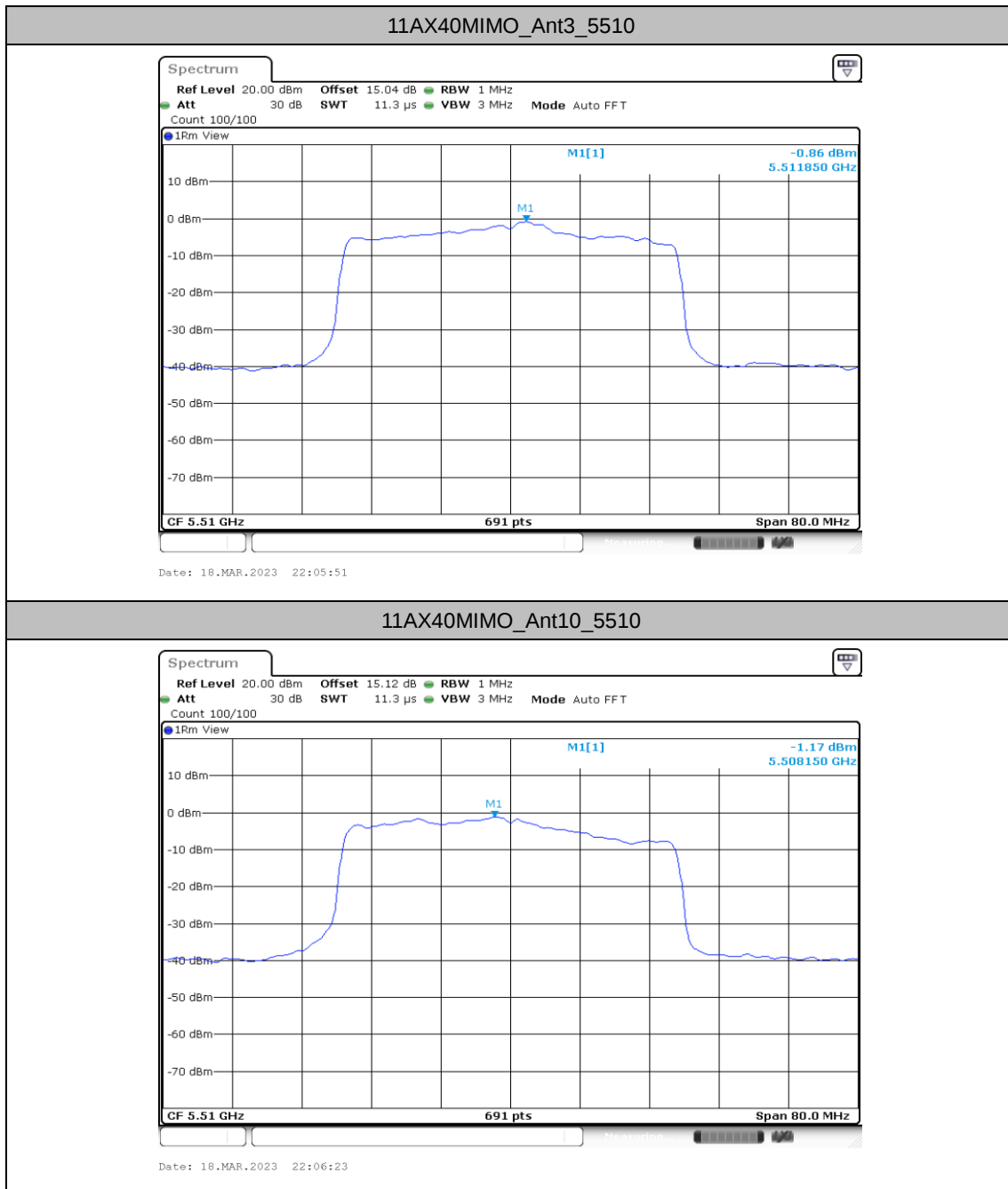


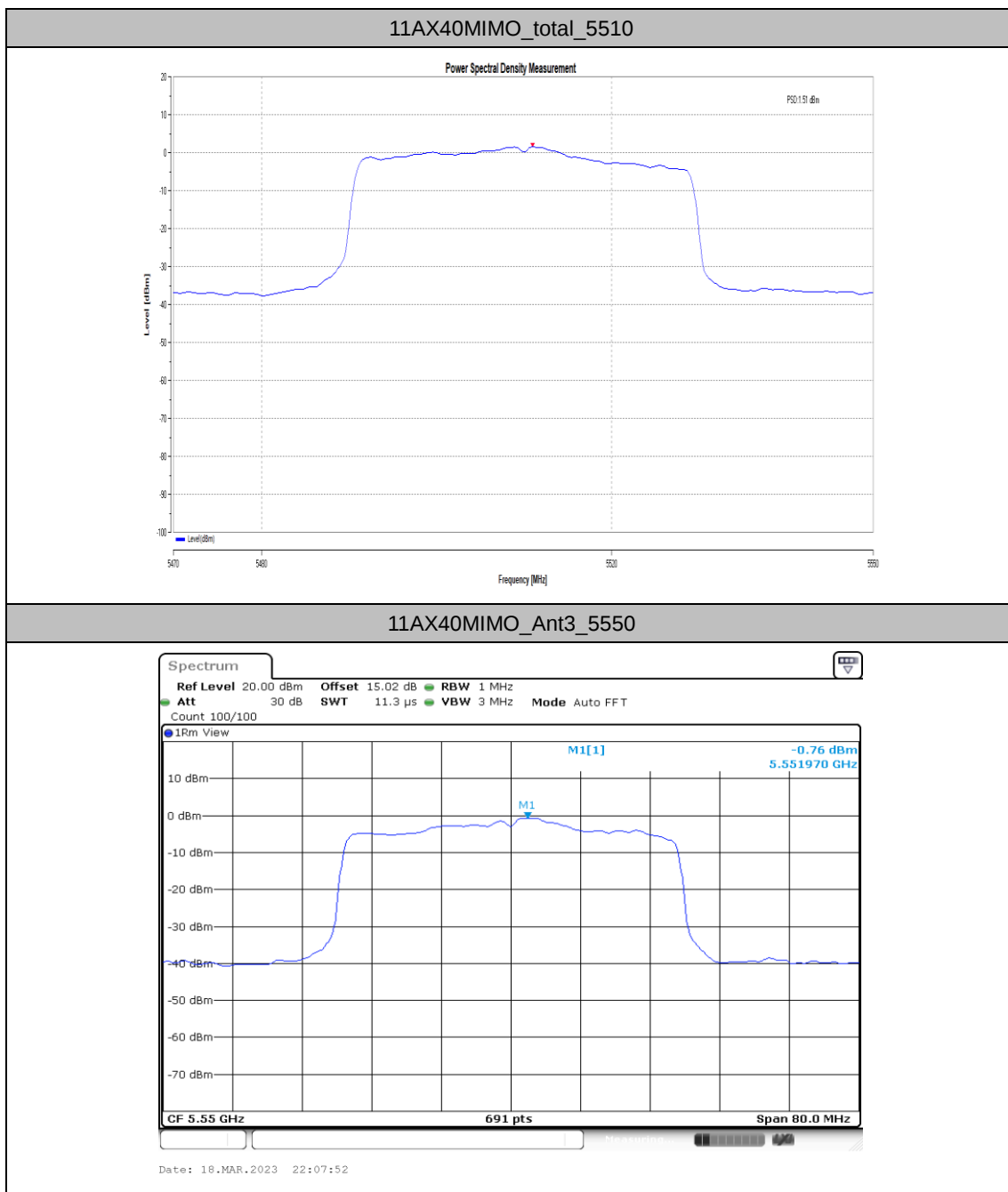


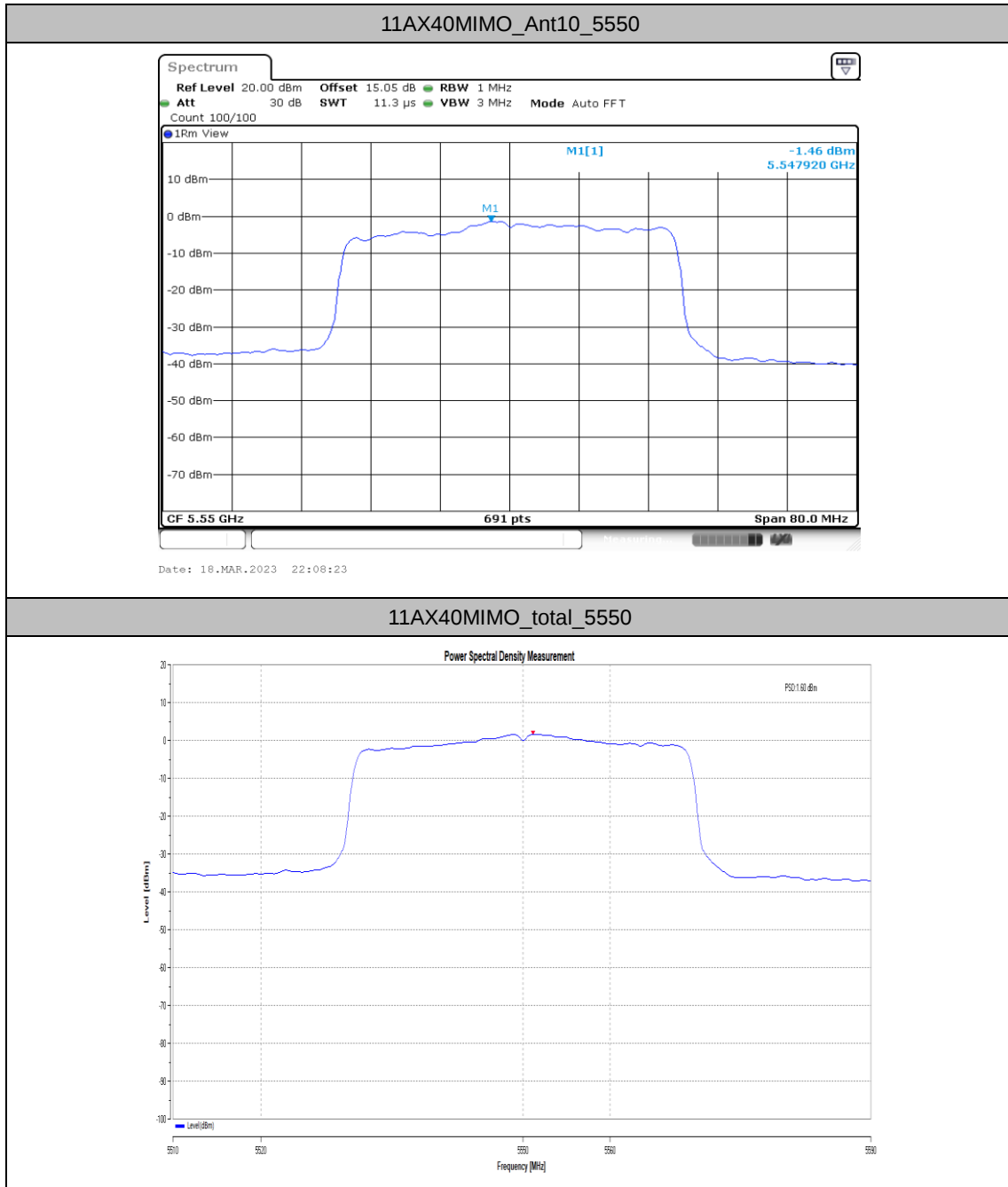


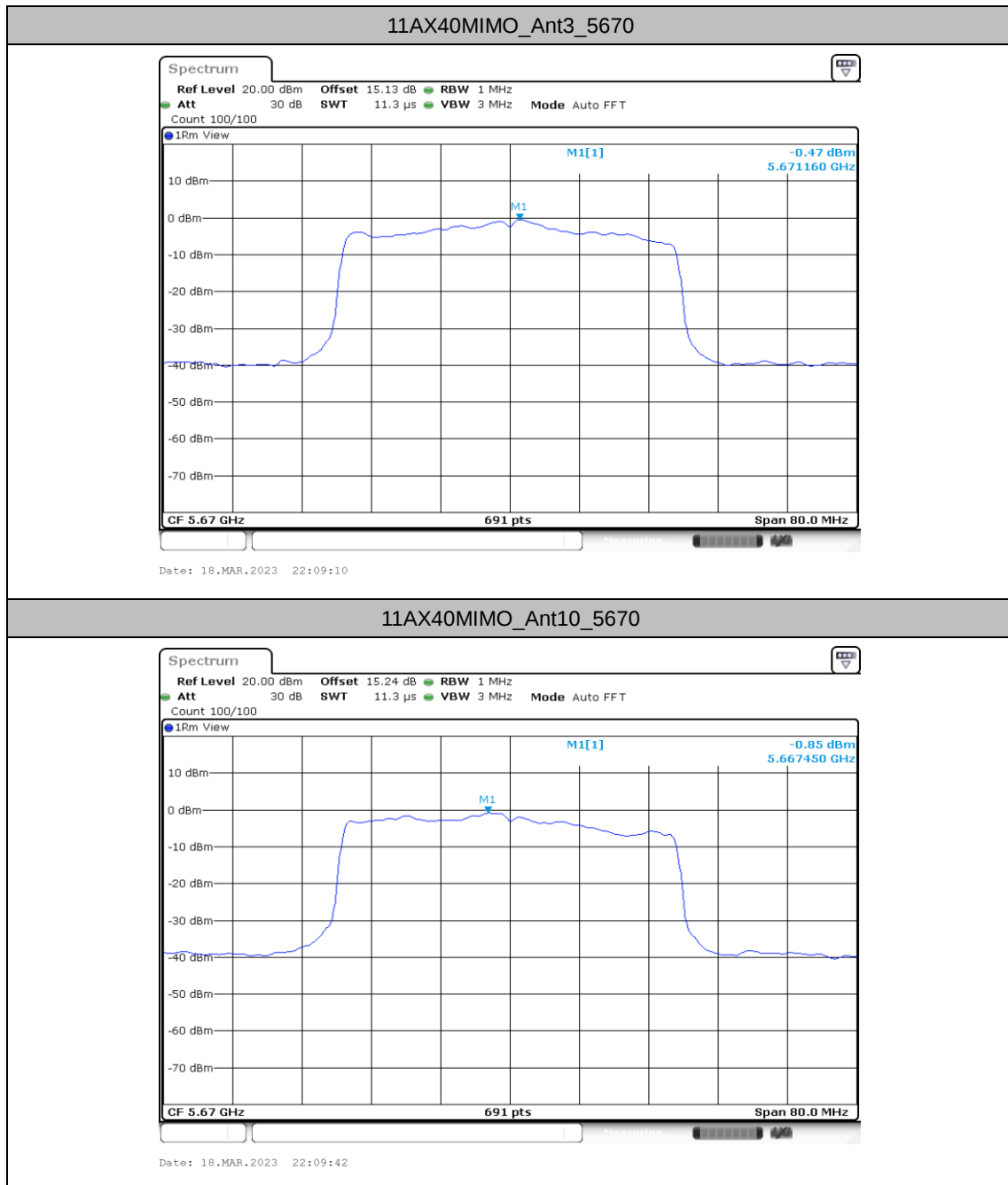


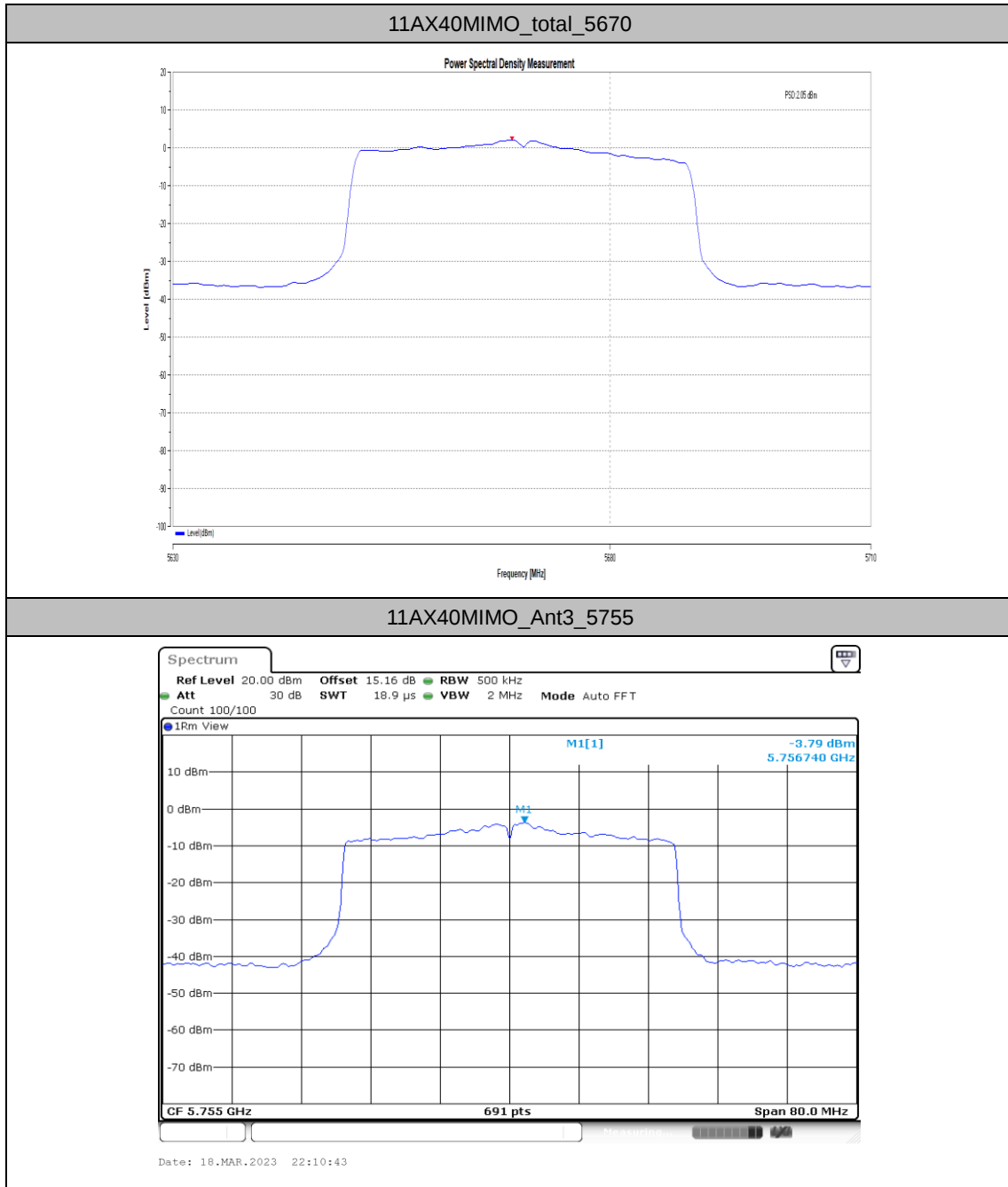


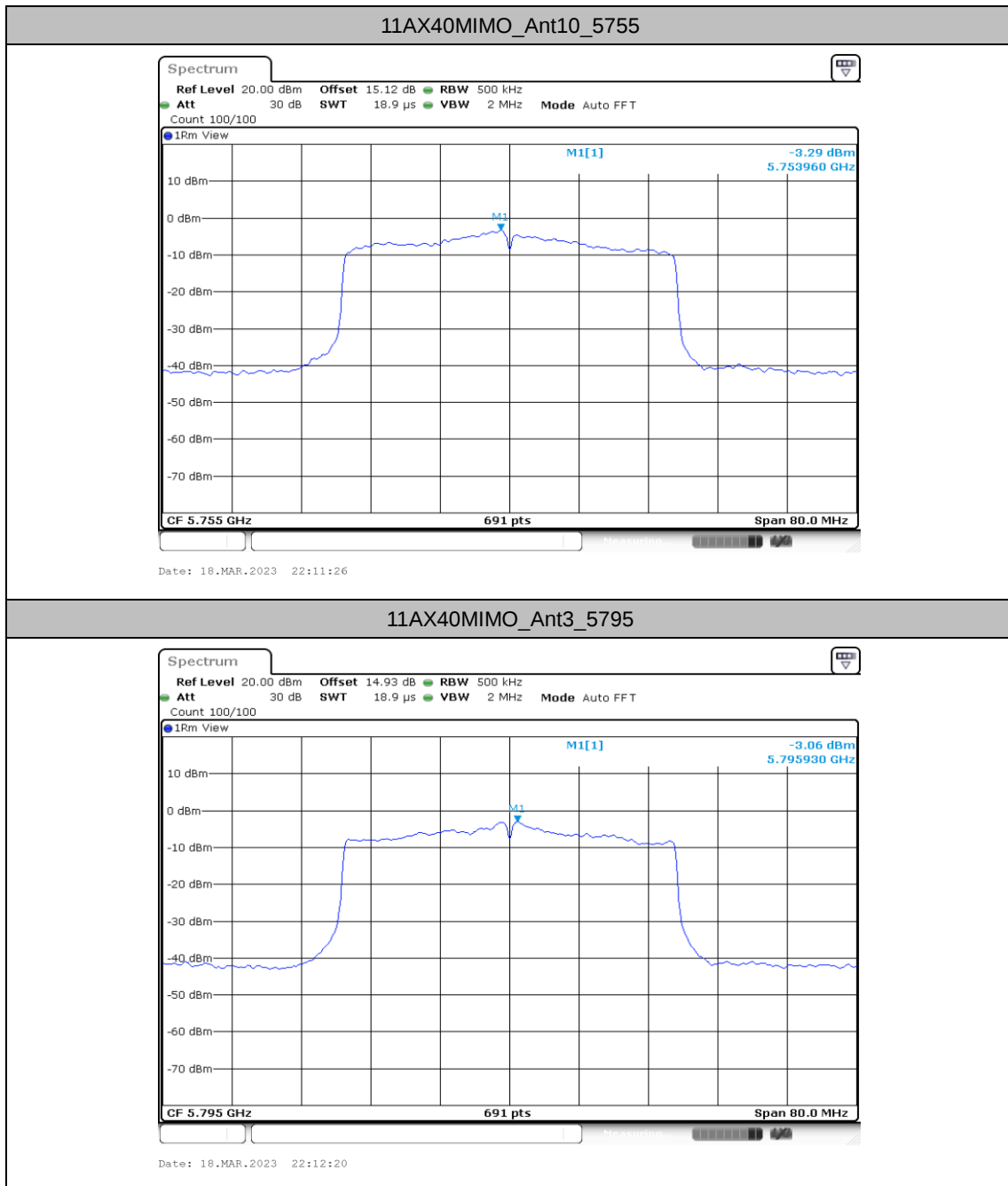


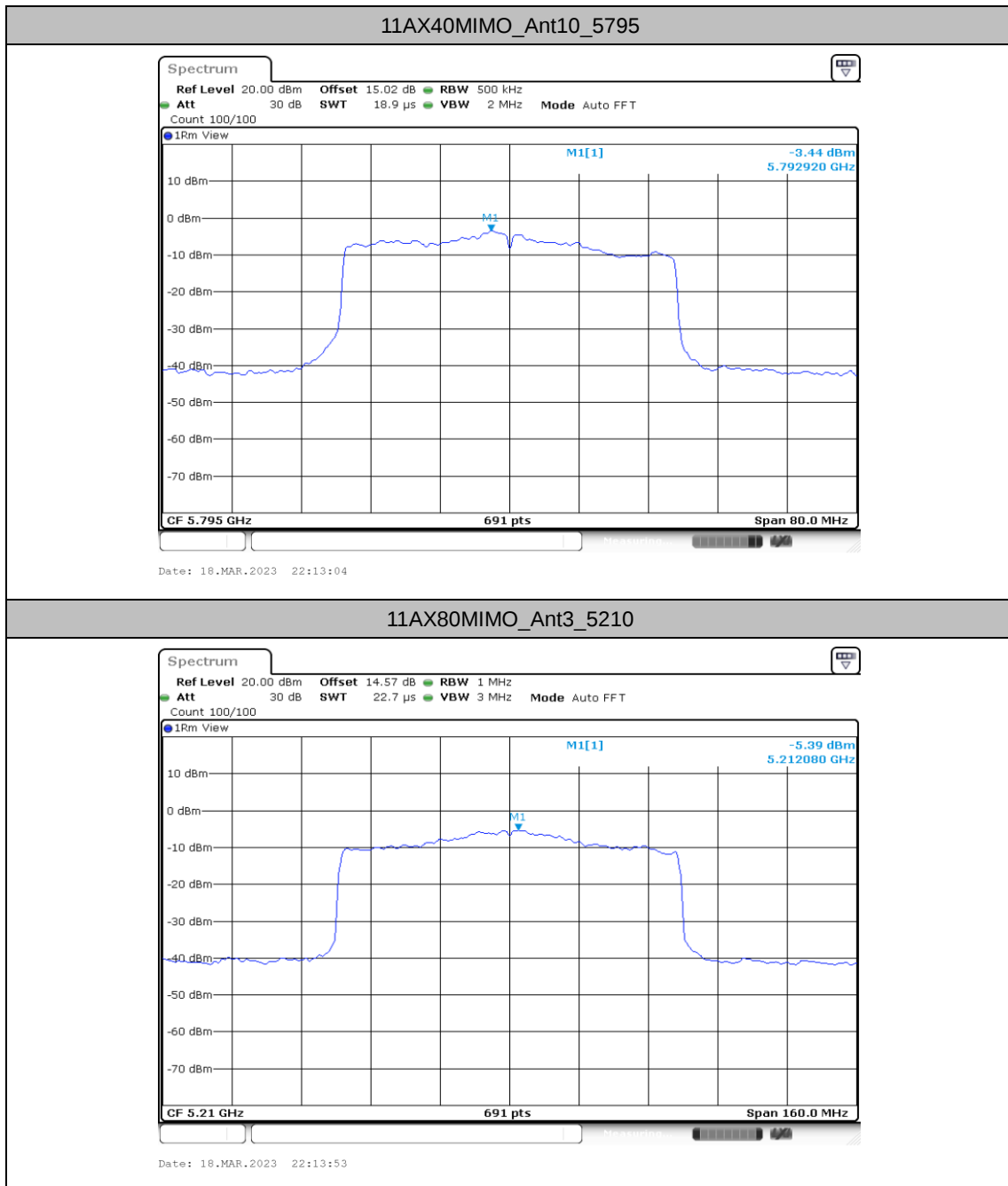


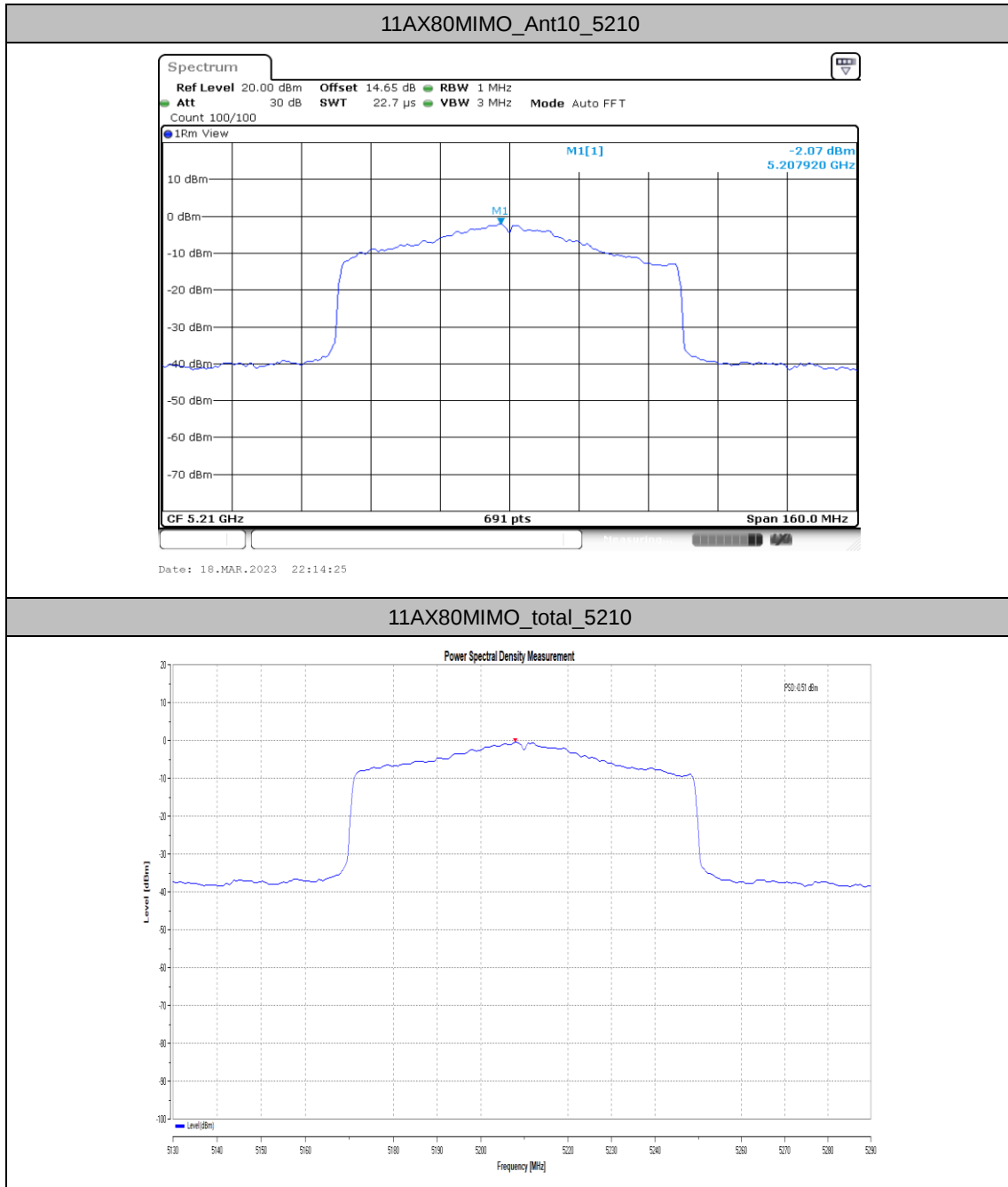


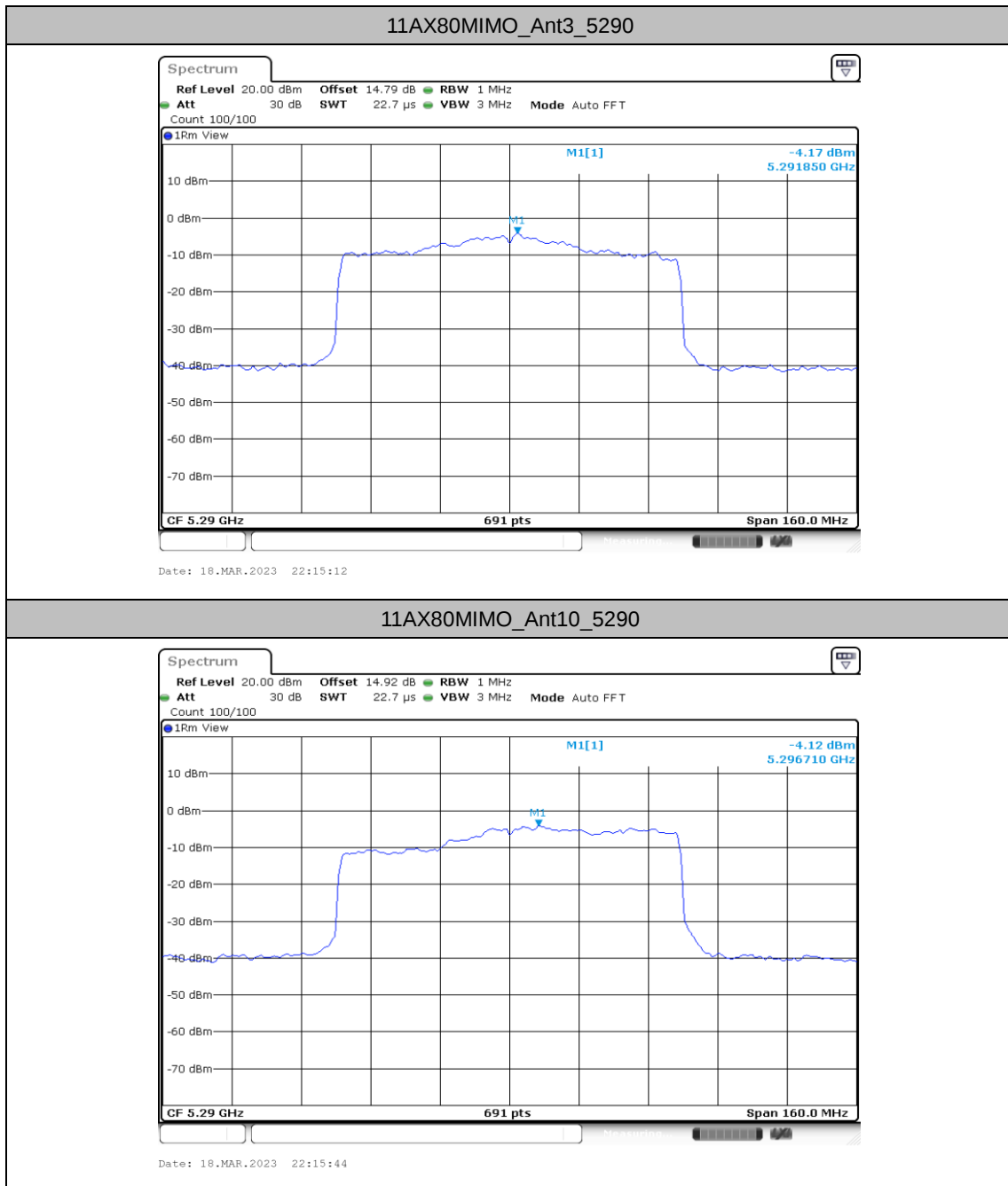


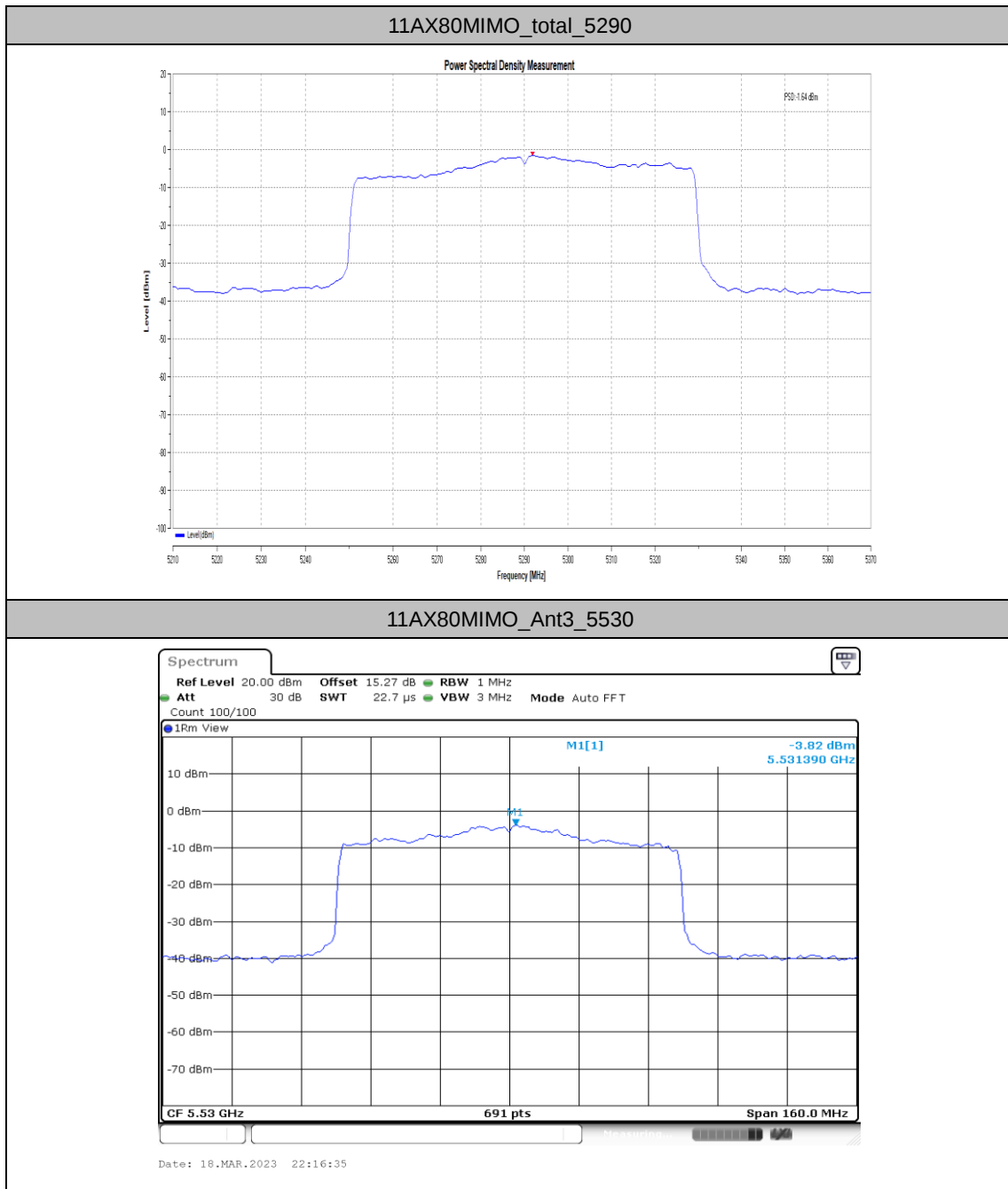


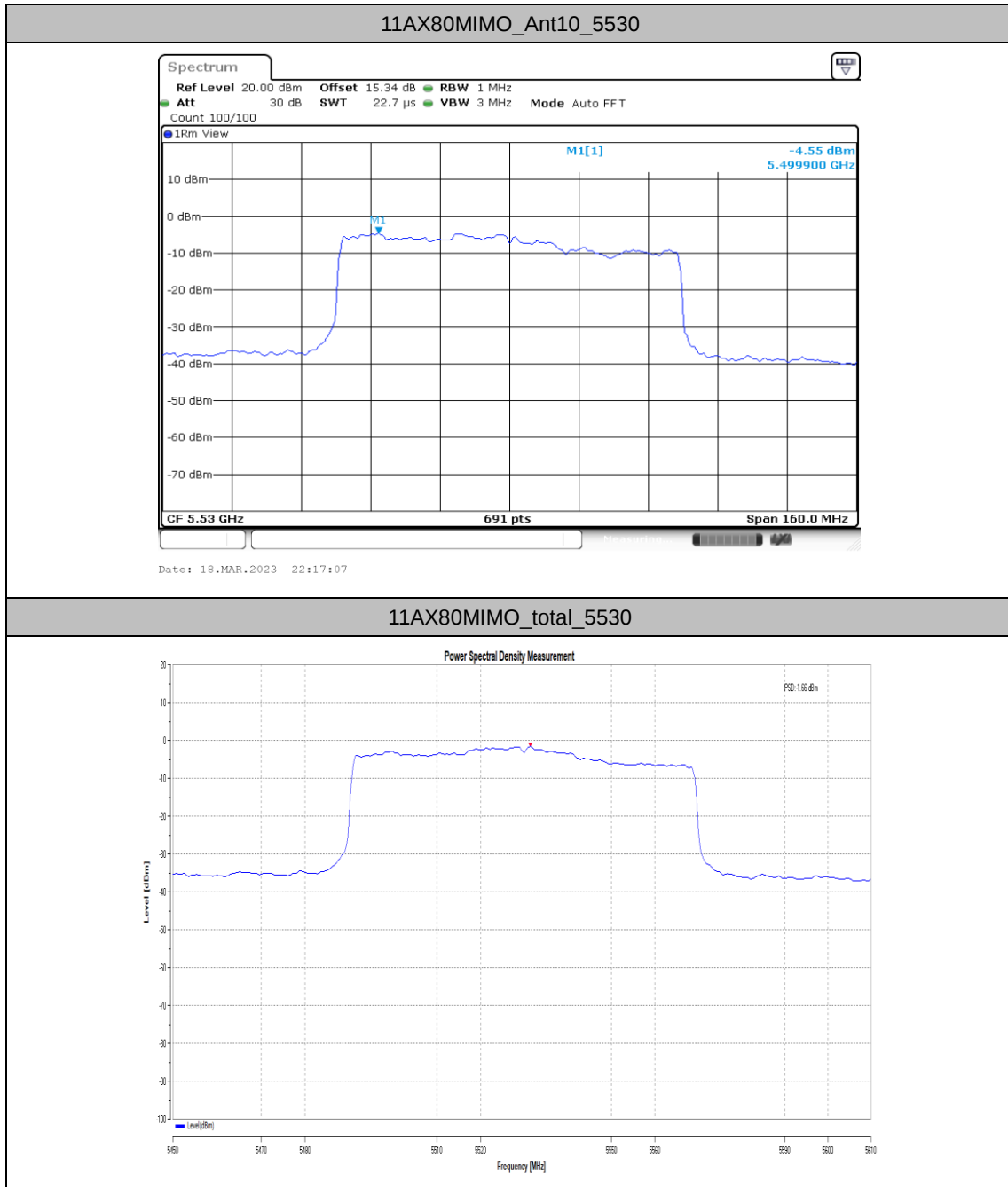


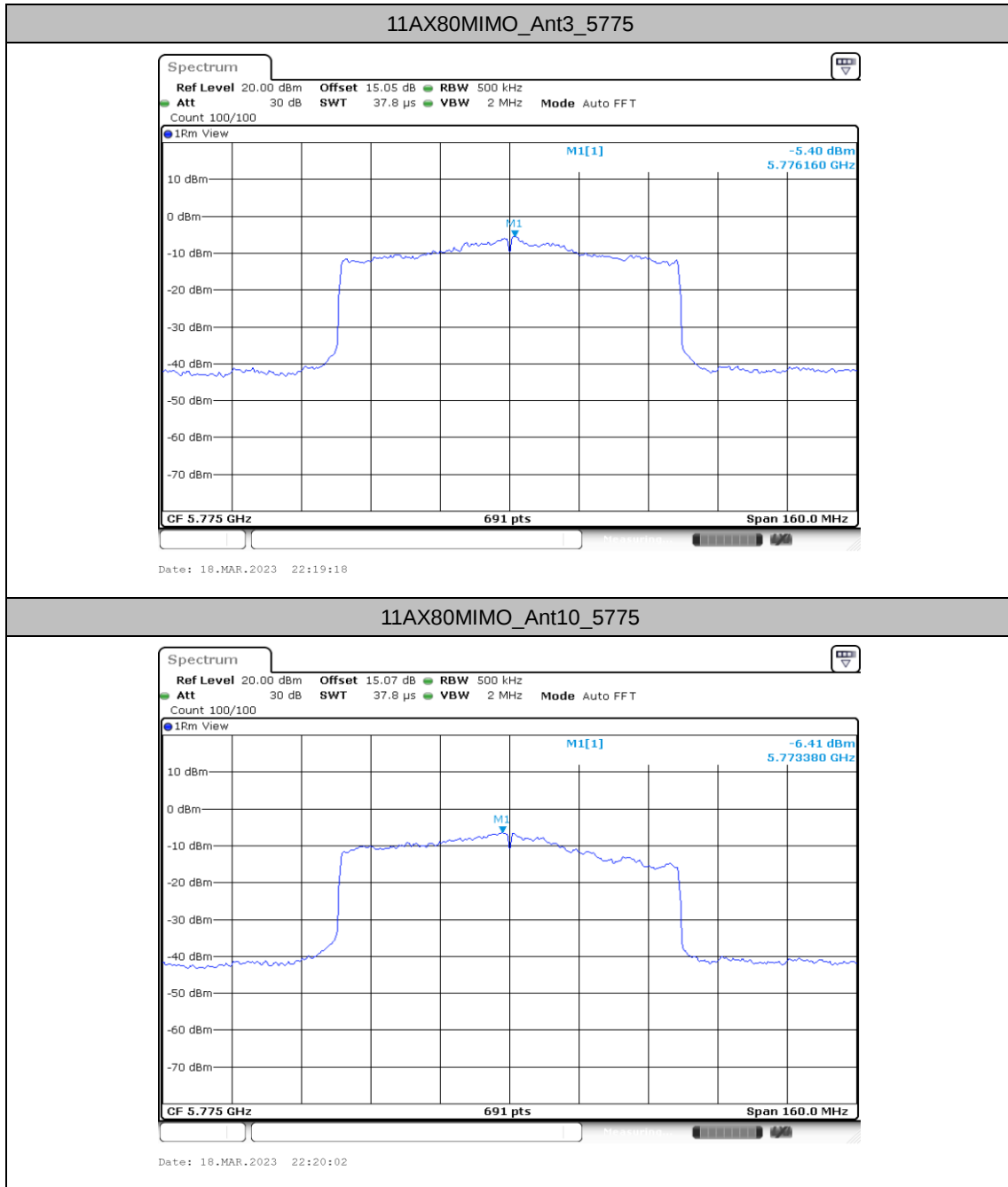


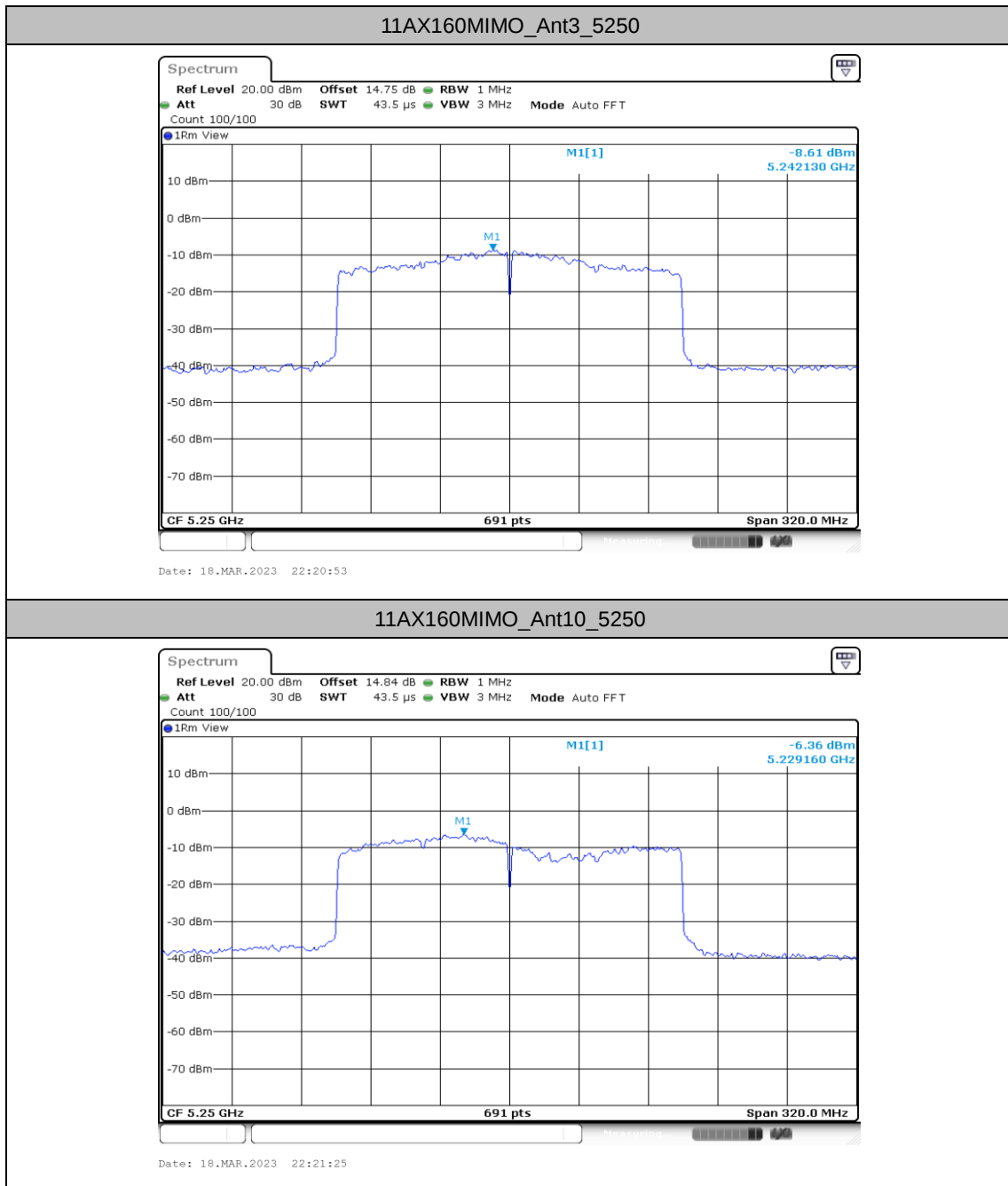


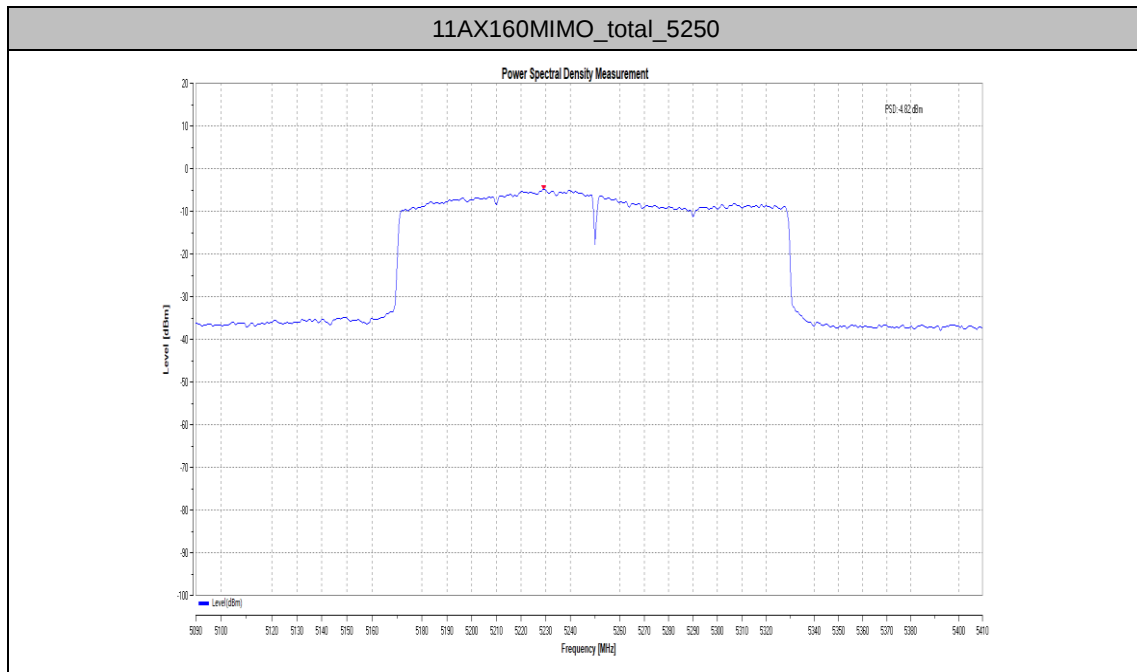














Maximum power spectral density for 11ax Partial RU

Test Result

Test Mode	Antenna	Freq(MHz)	Ru Size	Ru Index	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11AX20MIMO	Ant3	5180	26Tone	RU0	2.55	≤11.00	PASS
			52Tone	RU37	2.58	≤11.00	PASS
			106Tone	RU53	2.46	≤11.00	PASS
	Ant10	5180	26Tone	RU0	3.18	≤11.00	PASS
			52Tone	RU37	3.46	≤11.00	PASS
			106Tone	RU53	3.76	≤11.00	PASS
	total	5180	26Tone	RU0	5.89	≤11.00	PASS
			52Tone	RU37	5.95	≤11.00	PASS
			106Tone	RU53	5.95	≤11.00	PASS
	Ant3	5240	26Tone	RU8	0.39	≤11.00	PASS
			52Tone	RU40	0.88	≤11.00	PASS
			106Tone	RU54	1.48	≤11.00	PASS
	Ant10	5240	26Tone	RU8	2.95	≤11.00	PASS
			52Tone	RU40	2.48	≤11.00	PASS
			106Tone	RU54	3.63	≤11.00	PASS
	total	5240	26Tone	RU8	4.84	≤11.00	PASS
			52Tone	RU40	4.75	≤11.00	PASS
			106Tone	RU54	5.24	≤11.00	PASS
	Ant3	5260	26Tone	RU0	3.05	≤11.00	PASS
			52Tone	RU37	2.67	≤11.00	PASS
			106Tone	RU53	2.8	≤11.00	PASS
	Ant10	5260	26Tone	RU0	2.47	≤11.00	PASS
			52Tone	RU37	2.89	≤11.00	PASS
			106Tone	RU53	3.13	≤11.00	PASS
	total	5260	26Tone	RU0	5.75	≤11.00	PASS
			52Tone	RU37	5.76	≤11.00	PASS
			106Tone	RU53	5.90	≤11.00	PASS
	Ant3	5320	26Tone	RU8	2.19	≤11.00	PASS
			52Tone	RU40	2.61	≤11.00	PASS
			106Tone	RU54	2.79	≤11.00	PASS
	Ant10	5320	26Tone	RU8	3.25	≤11.00	PASS
			52Tone	RU40	3.58	≤11.00	PASS
			106Tone	RU54	3.6	≤11.00	PASS
	total	5320	26Tone	RU8	5.74	≤11.00	PASS
			52Tone	RU40	6.13	≤11.00	PASS
			106Tone	RU54	6.08	≤11.00	PASS
	Ant3	5500	26Tone	RU0	2.95	≤11.00	PASS



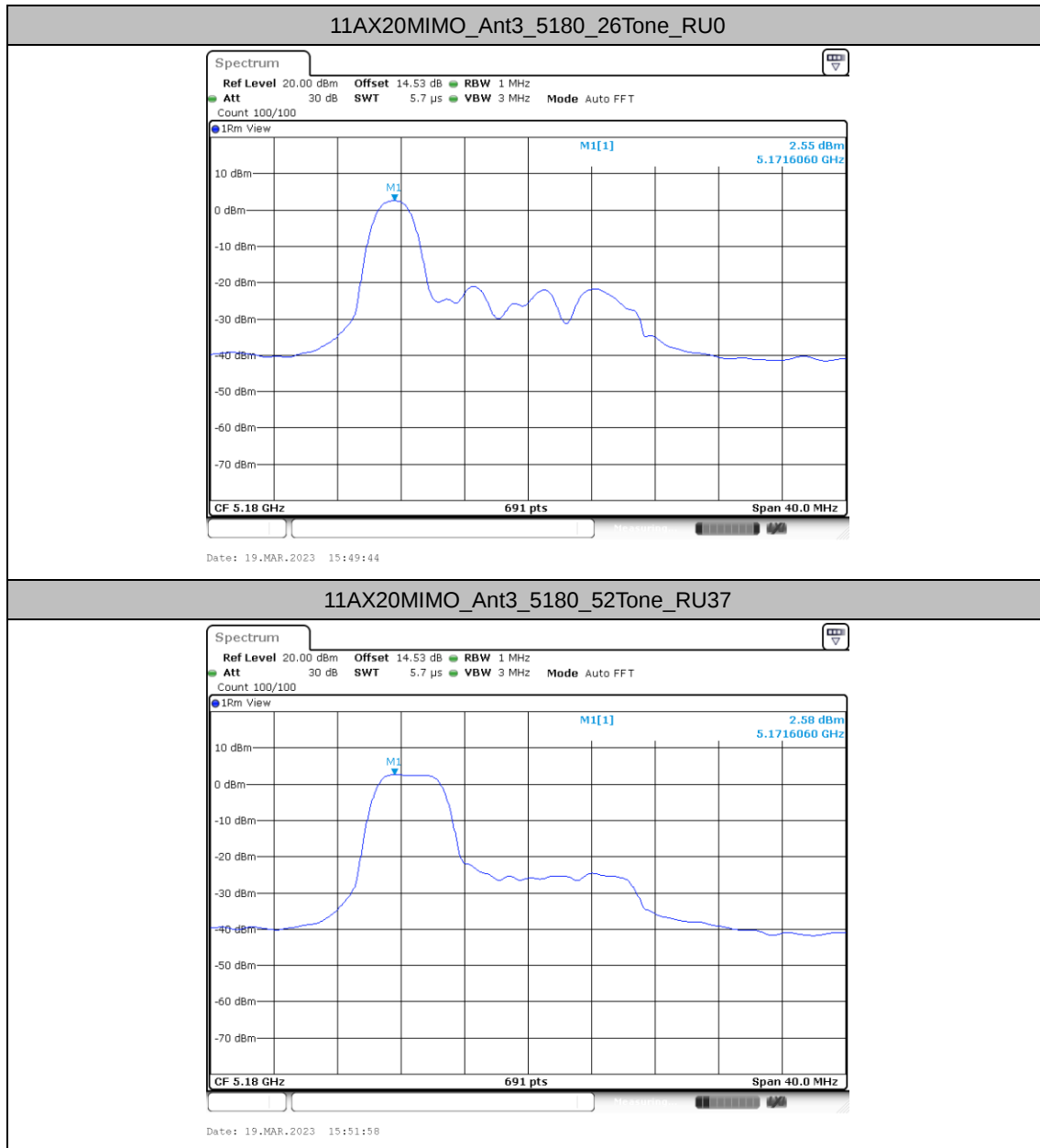
			52Tone	RU37	3.28	≤11.00	PASS
			106Tone	RU53	3.28	≤11.00	PASS
	Ant10	5500	26Tone	RU0	3.23	≤11.00	PASS
			52Tone	RU37	3.27	≤11.00	PASS
			106Tone	RU53	4.1	≤11.00	PASS
	total	5500	26Tone	RU0	6.09	≤11.00	PASS
			52Tone	RU37	6.11	≤11.00	PASS
			106Tone	RU53	6.24	≤11.00	PASS
	Ant3	5700	26Tone	RU8	2.2	≤11.00	PASS
			52Tone	RU40	1.54	≤11.00	PASS
			106Tone	RU54	3.08	≤11.00	PASS
	Ant10	5700	26Tone	RU8	4.16	≤11.00	PASS
			52Tone	RU40	4.4	≤11.00	PASS
			106Tone	RU54	4.28	≤11.00	PASS
	total	5700	26Tone	RU8	6.30	≤11.00	PASS
			52Tone	RU40	6.21	≤11.00	PASS
			106Tone	RU54	6.22	≤11.00	PASS
	Ant3	5745	26Tone	RU0	0.96	≤30.00	PASS
			52Tone	RU37	1.2	≤30.00	PASS
			106Tone	RU53	0.55	≤30.00	PASS
	Ant10	5745	26Tone	RU0	0.15	≤30.00	PASS
			52Tone	RU37	0.22	≤30.00	PASS
			106Tone	RU53	1.02	≤30.00	PASS
	total	5745	26Tone	RU0	3.58	≤30.00	PASS
			52Tone	RU37	3.75	≤30.00	PASS
			106Tone	RU53	3.80	≤30.00	PASS
	Ant3	5825	26Tone	RU8	0.78	≤30.00	PASS
			52Tone	RU40	0.71	≤30.00	PASS
			106Tone	RU54	1.08	≤30.00	PASS
	Ant10	5825	26Tone	RU8	0.88	≤30.00	PASS
			52Tone	RU40	1.12	≤30.00	PASS
			106Tone	RU54	0.9	≤30.00	PASS
	total	5825	26Tone	RU8	3.84	≤30.00	PASS
			52Tone	RU40	3.93	≤30.00	PASS
			106Tone	RU54	4.00	≤30.00	PASS

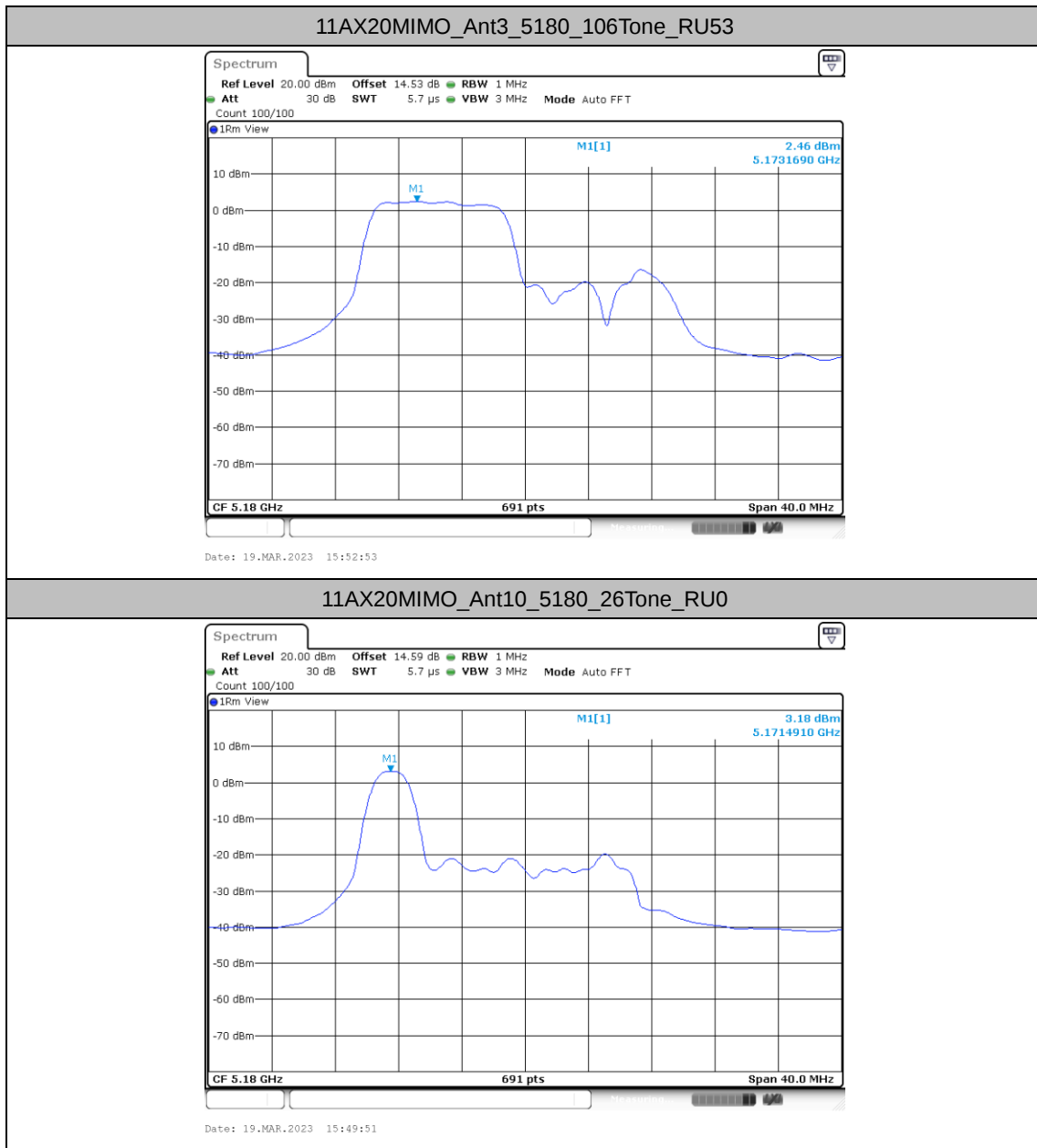
Note: 1. The Result and Limit Unit is 30dBm/500 kHz in the band 5.725–5.85 GHz.

2. The Duty Cycle Factor is compensated in the graph.



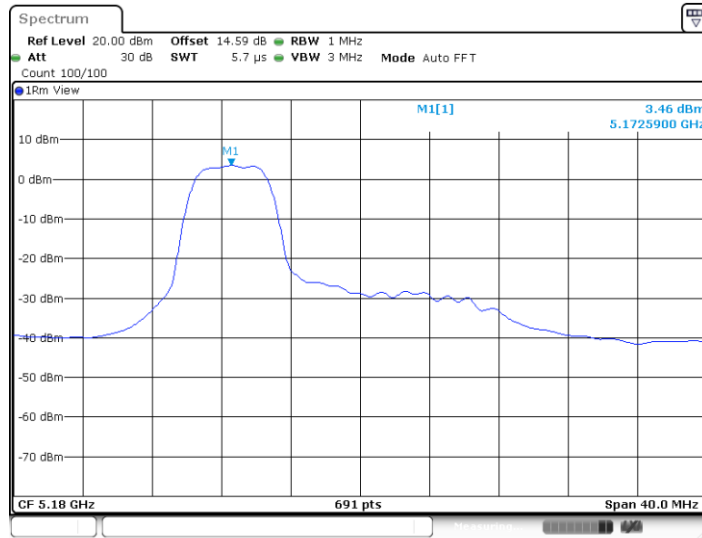
Test Graphs







11AX20MIMO_Ant10_5180_52Tone_RU37

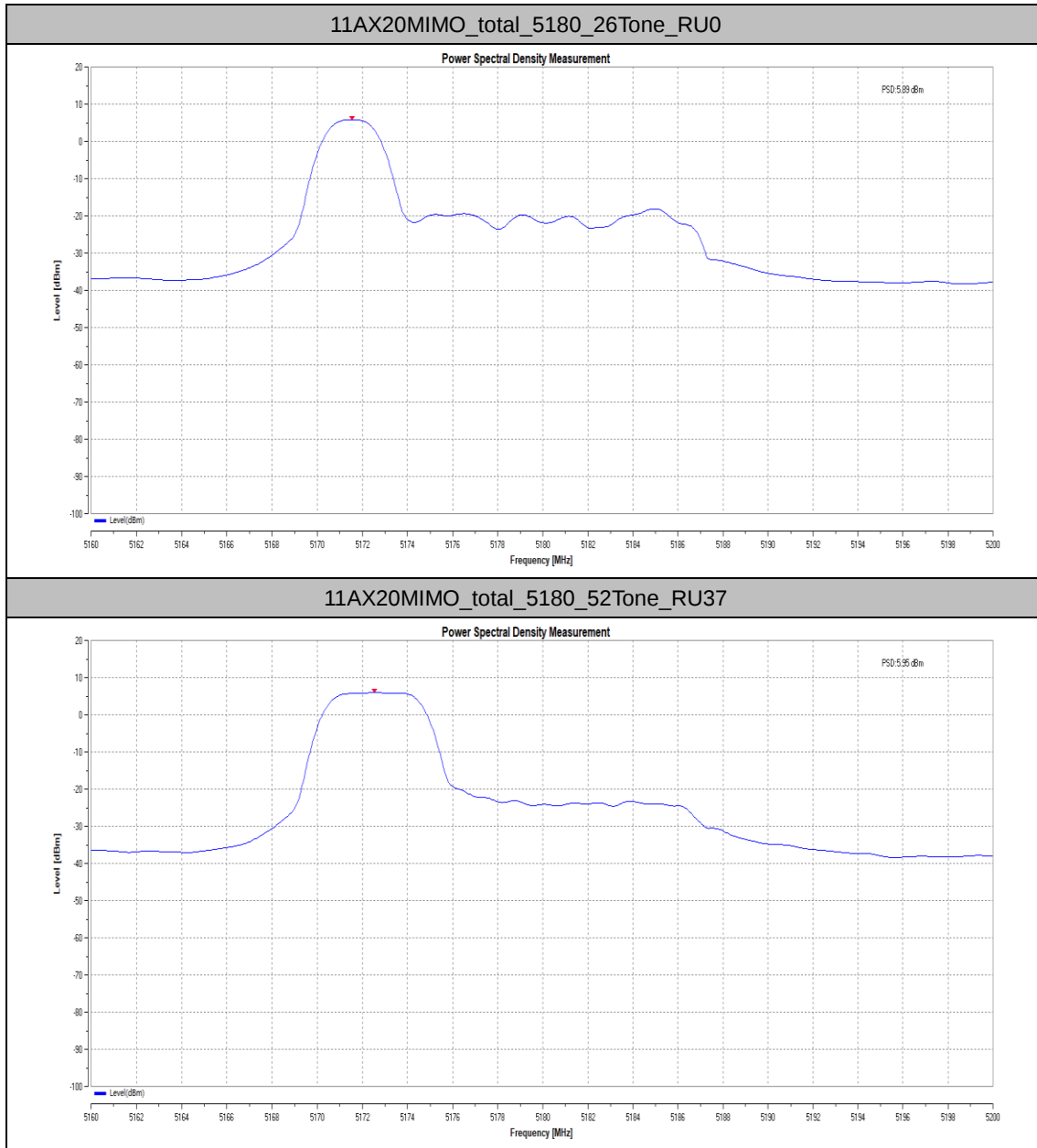


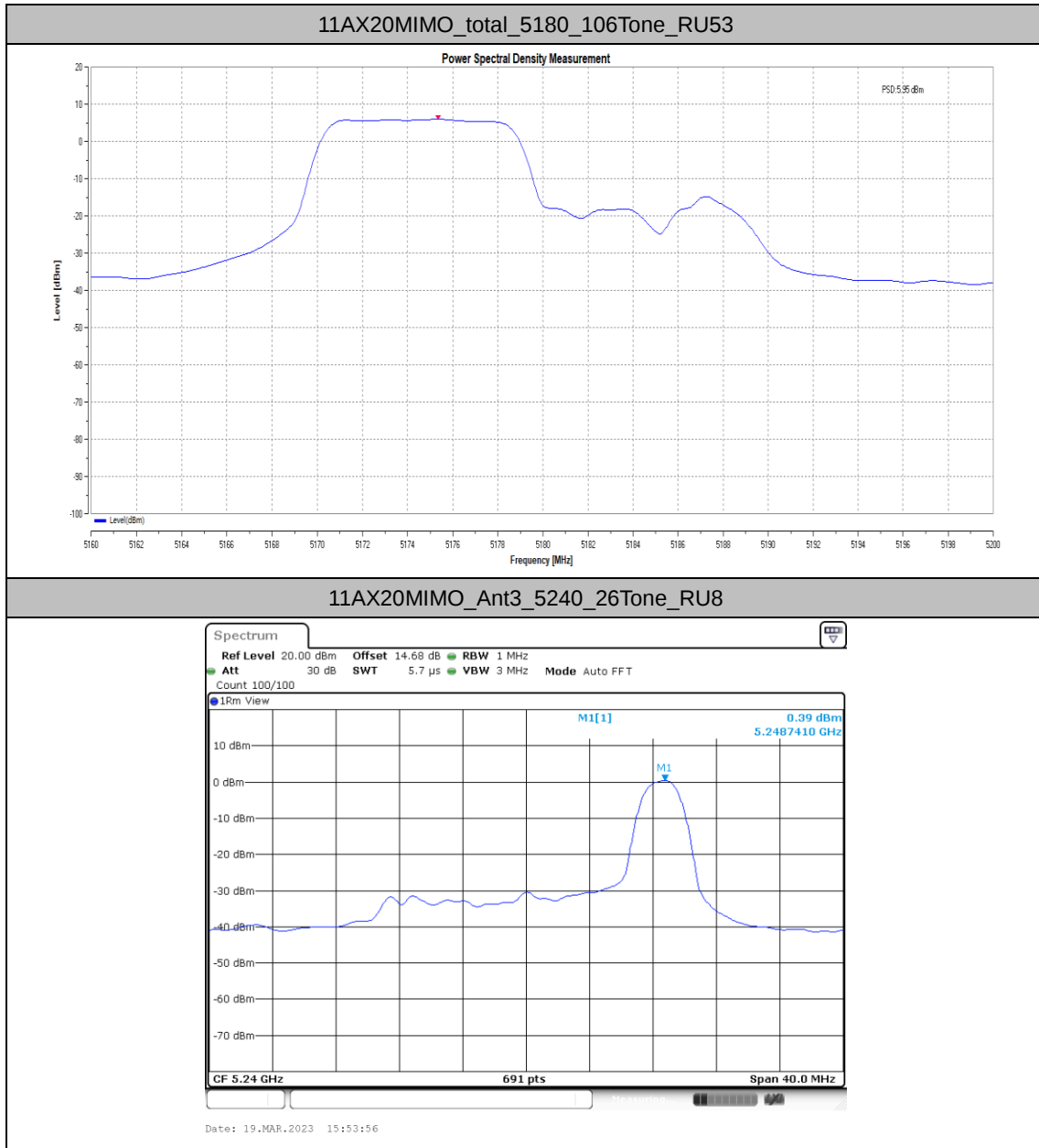
Date: 19.MAR.2023 15:52:05

11AX20MIMO_Ant10_5180_106Tone_RU53



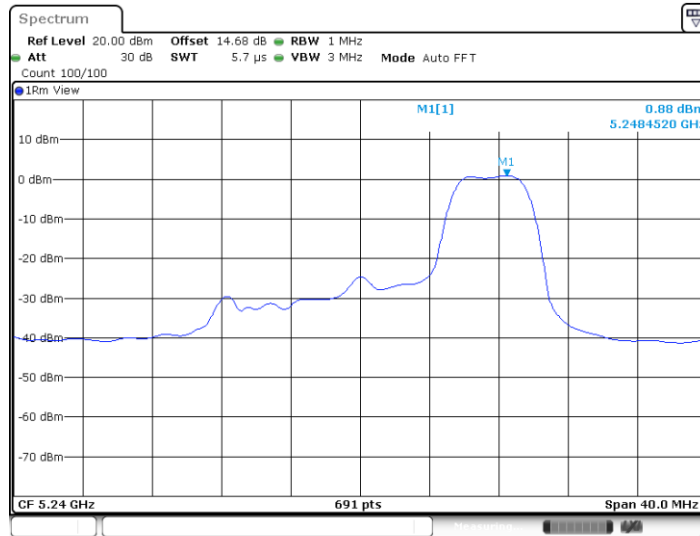
Date: 19.MAR.2023 15:52:59







11AX20MIMO_Ant3_5240_52Tone_RU40

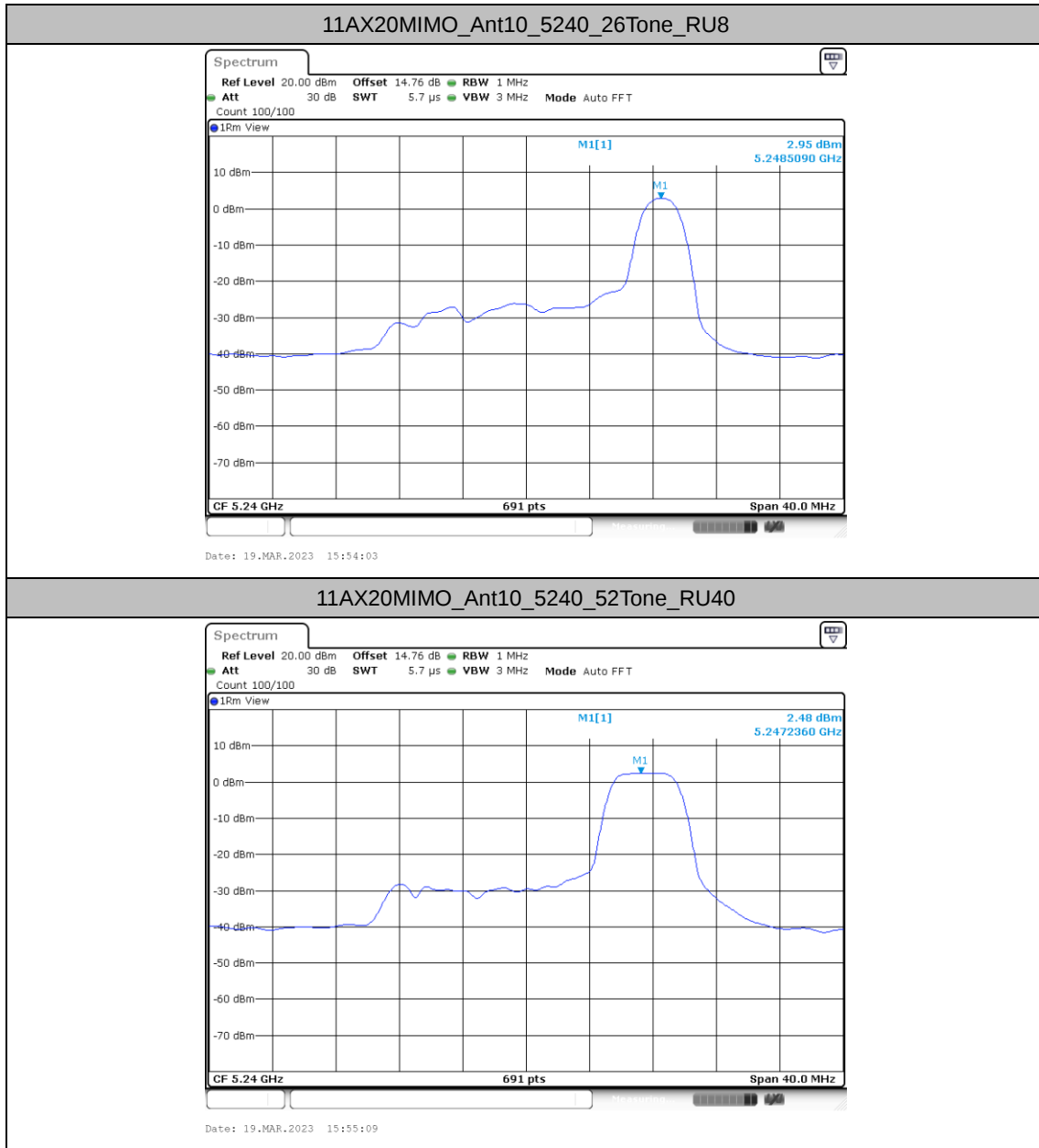


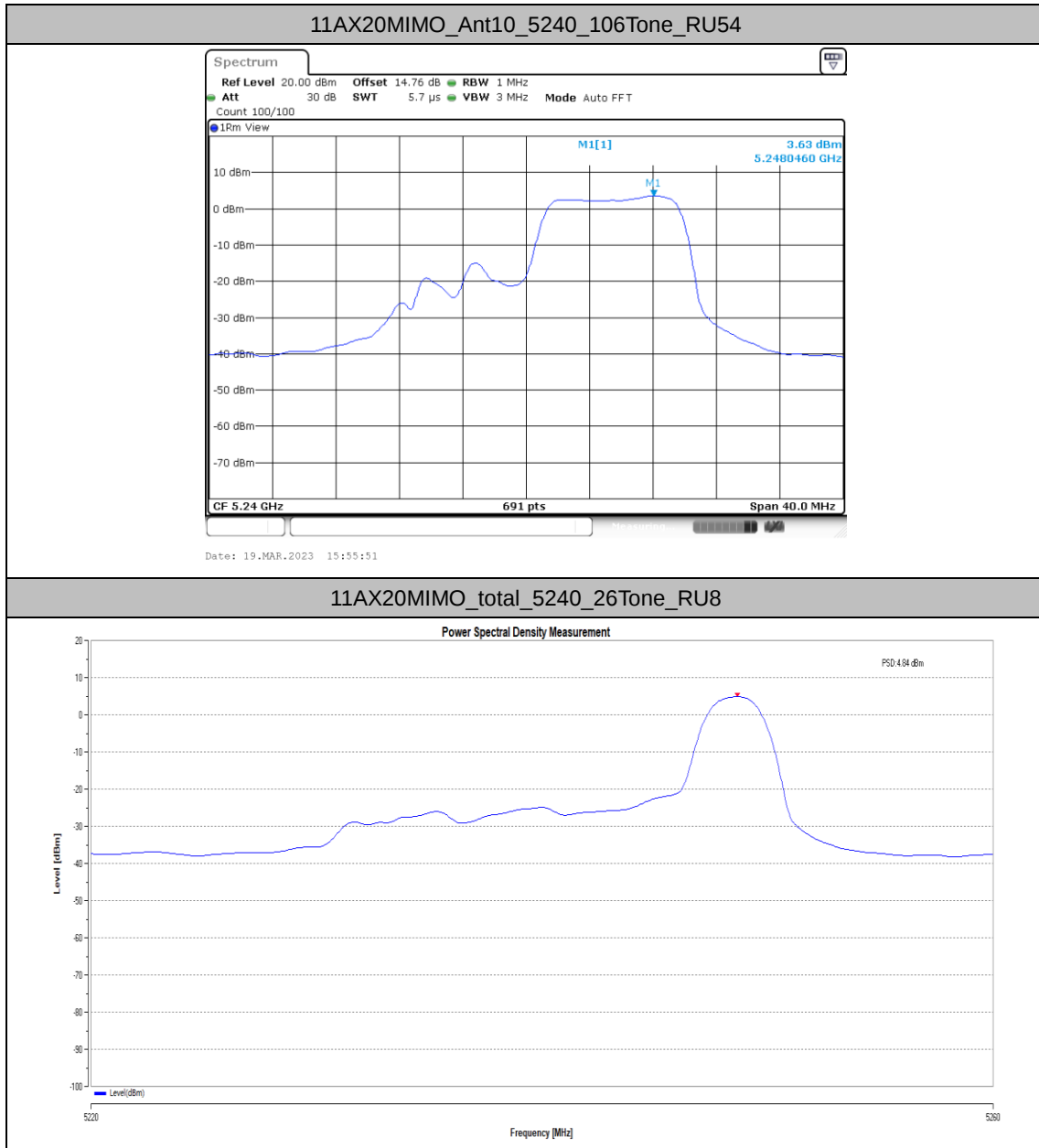
Date: 19.MAR.2023 15:55:03

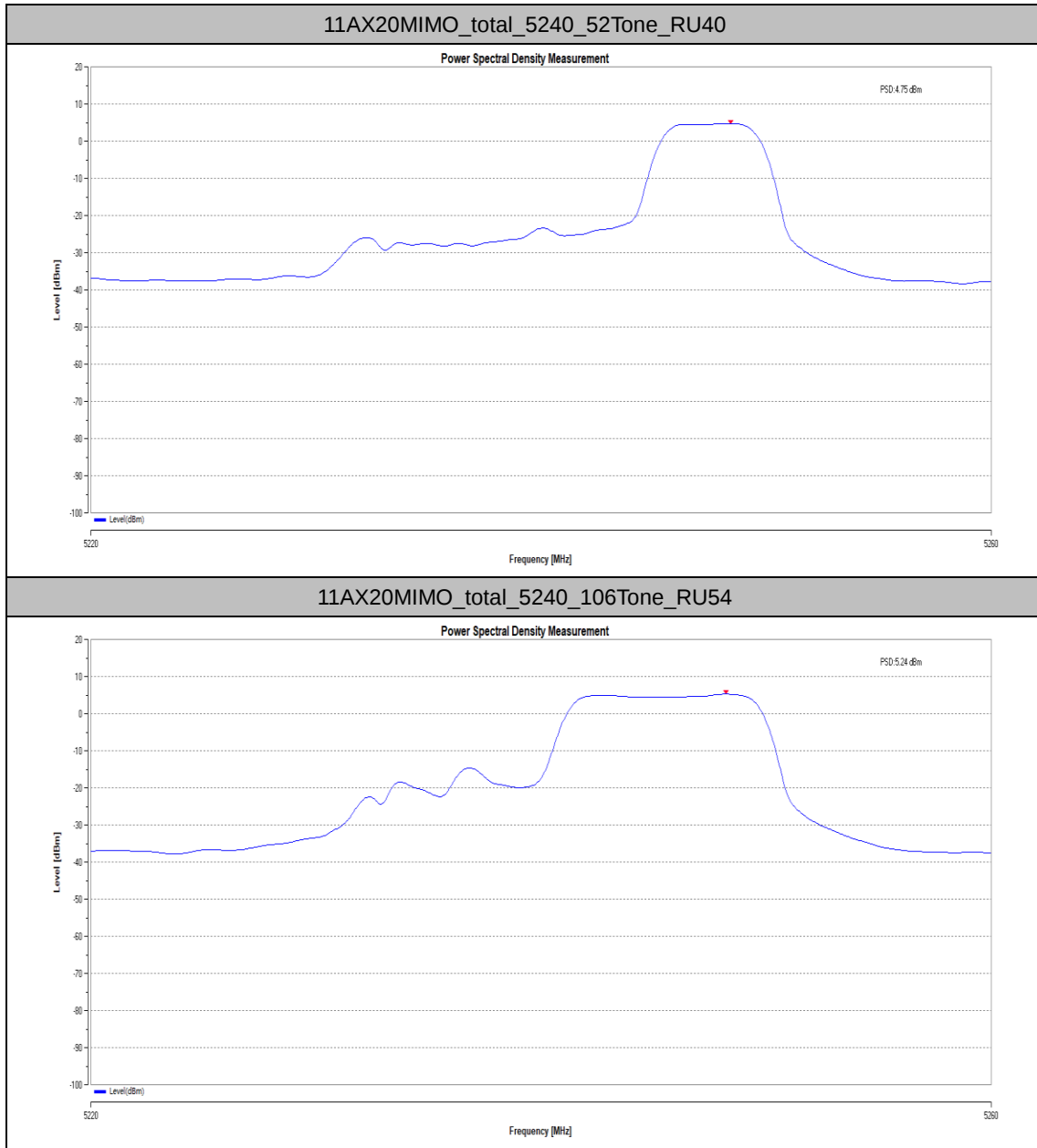
11AX20MIMO_Ant3_5240_106Tone_RU54

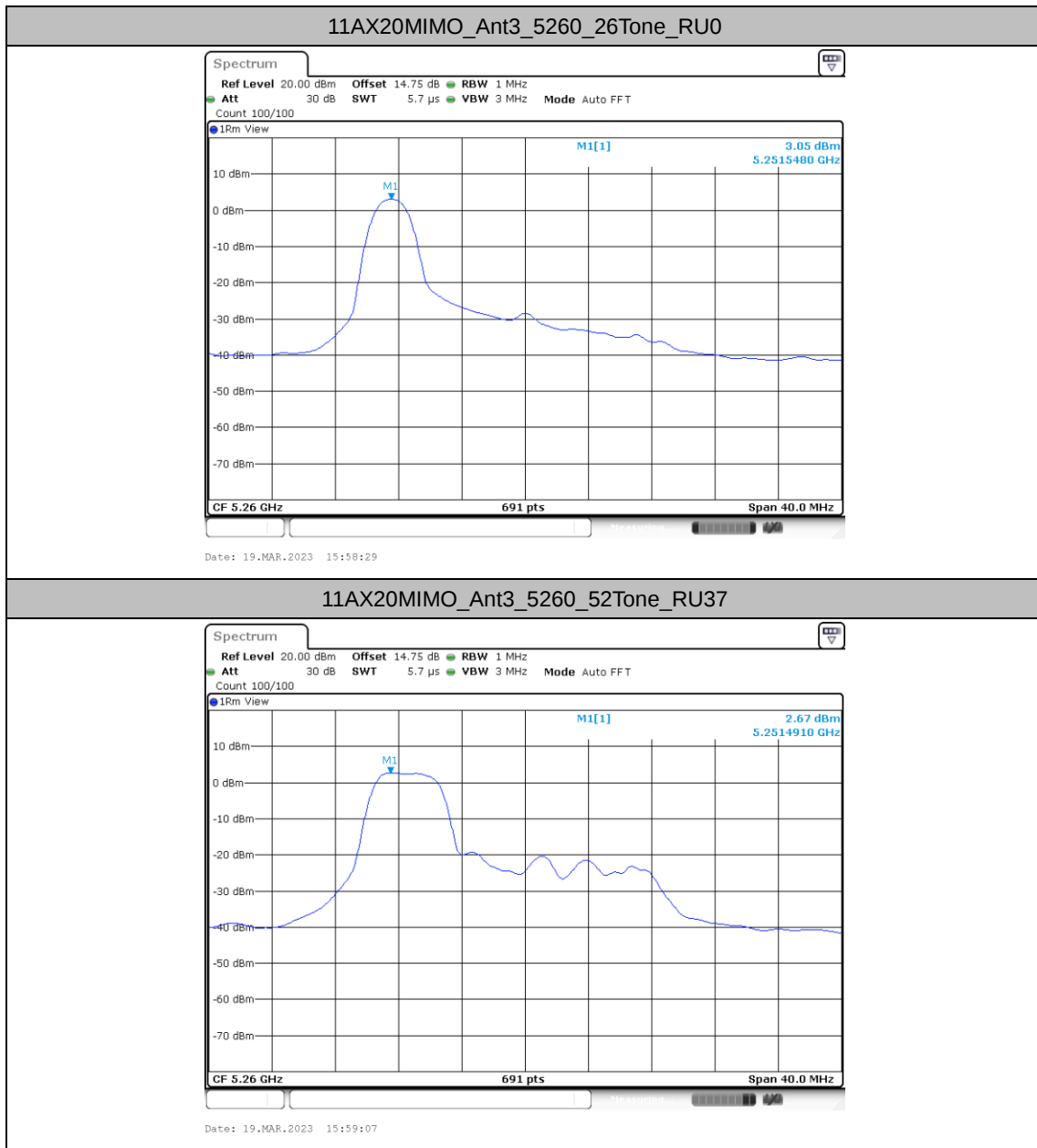


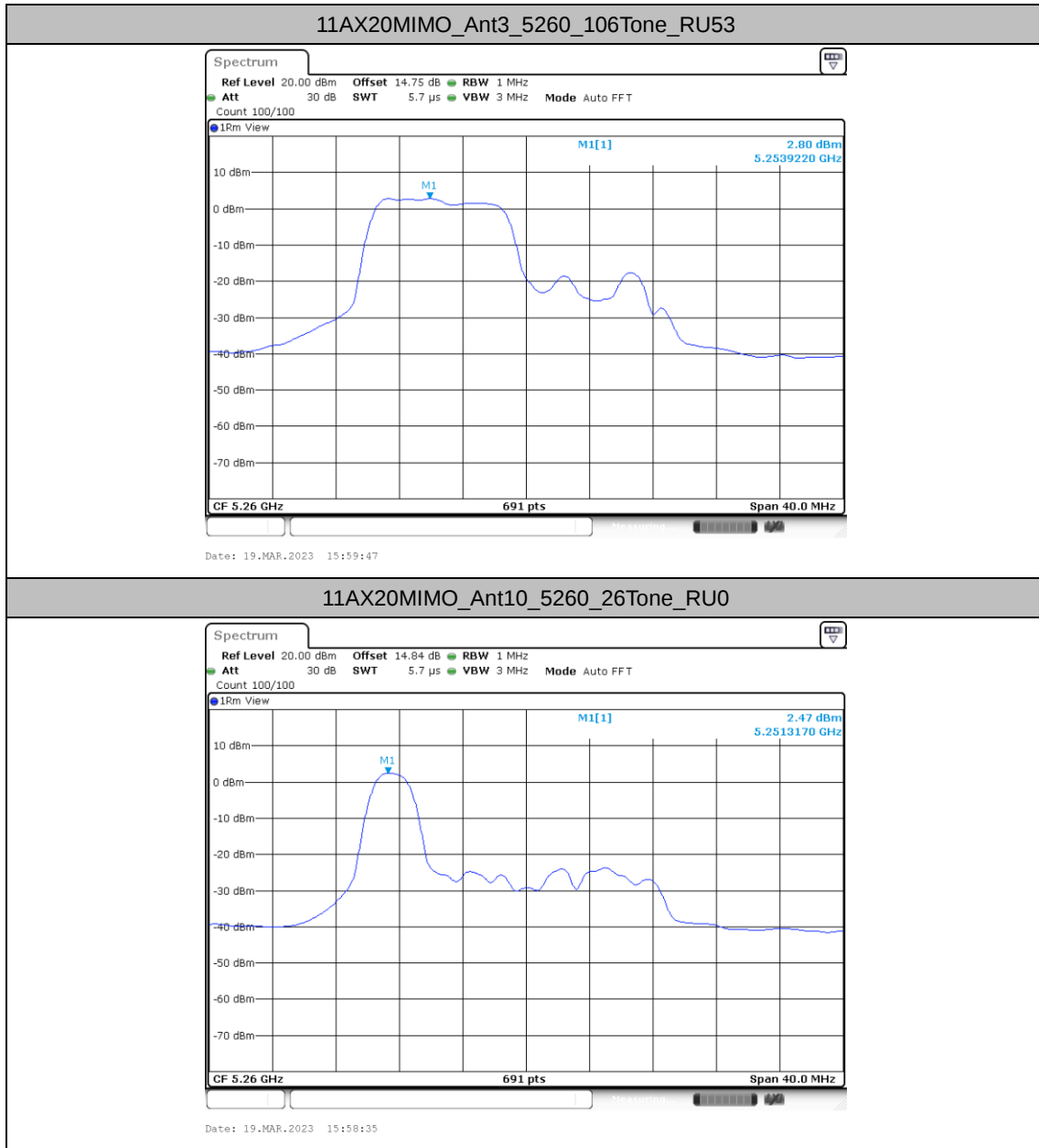
Date: 19.MAR.2023 15:55:45

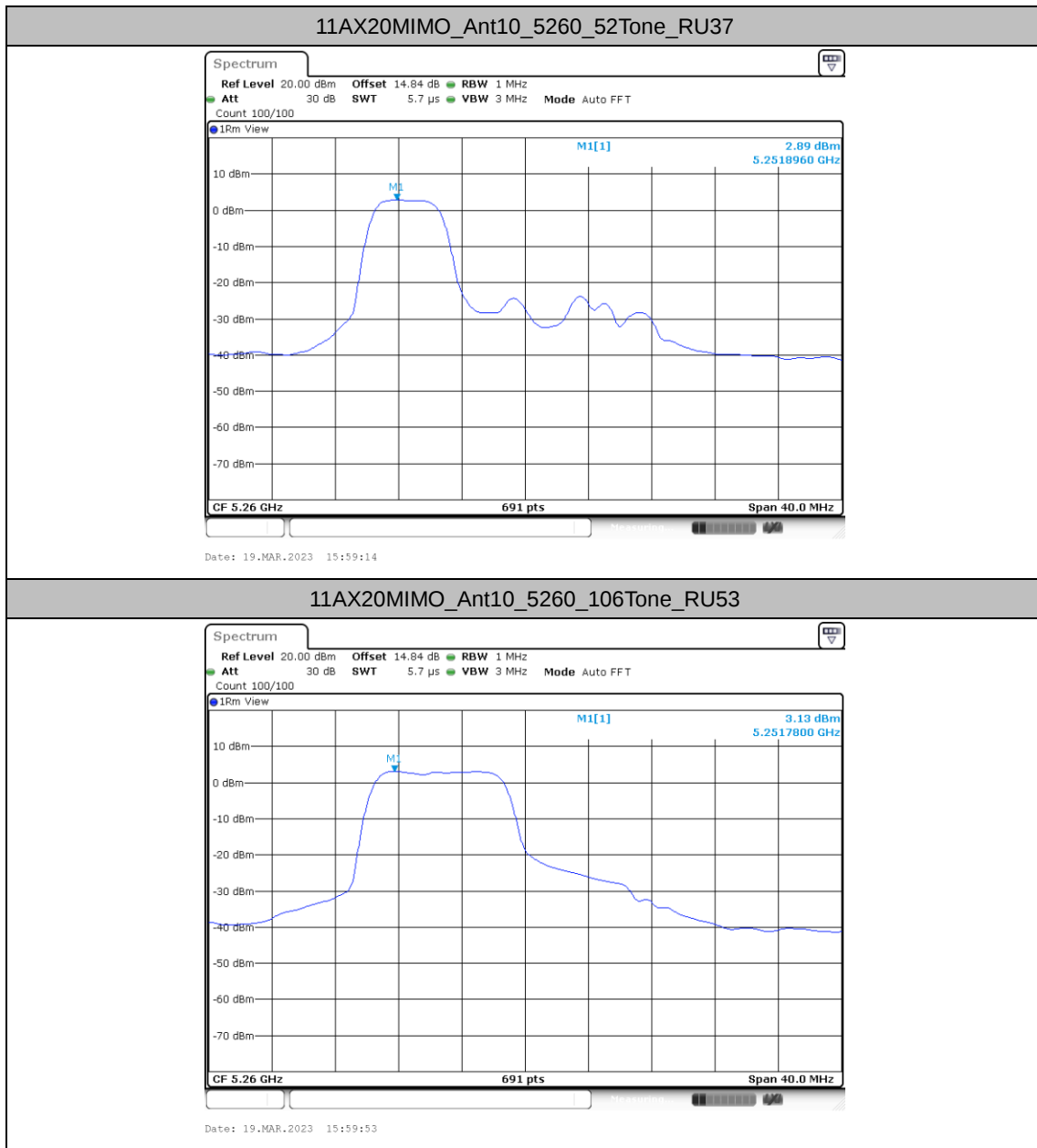


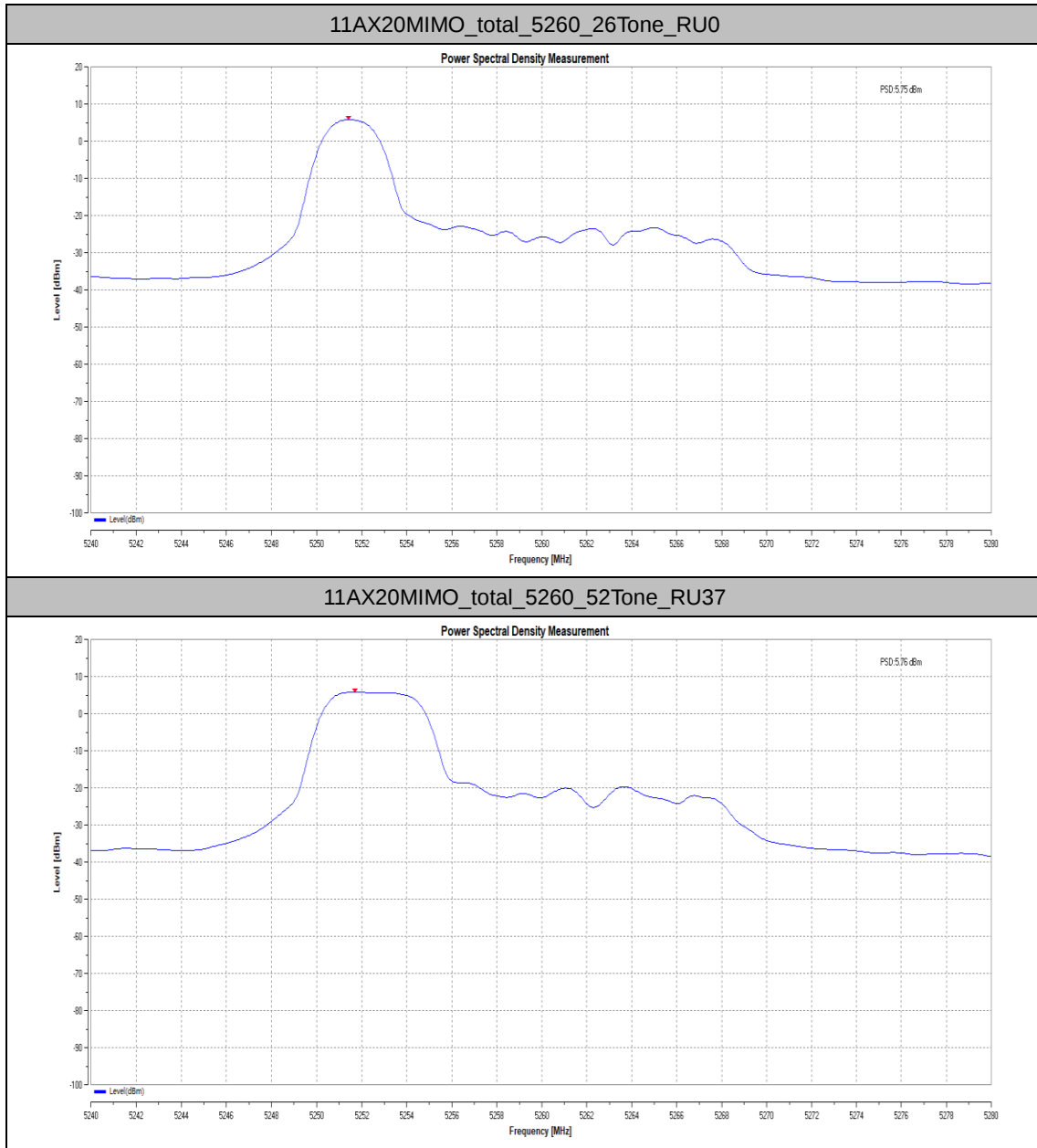


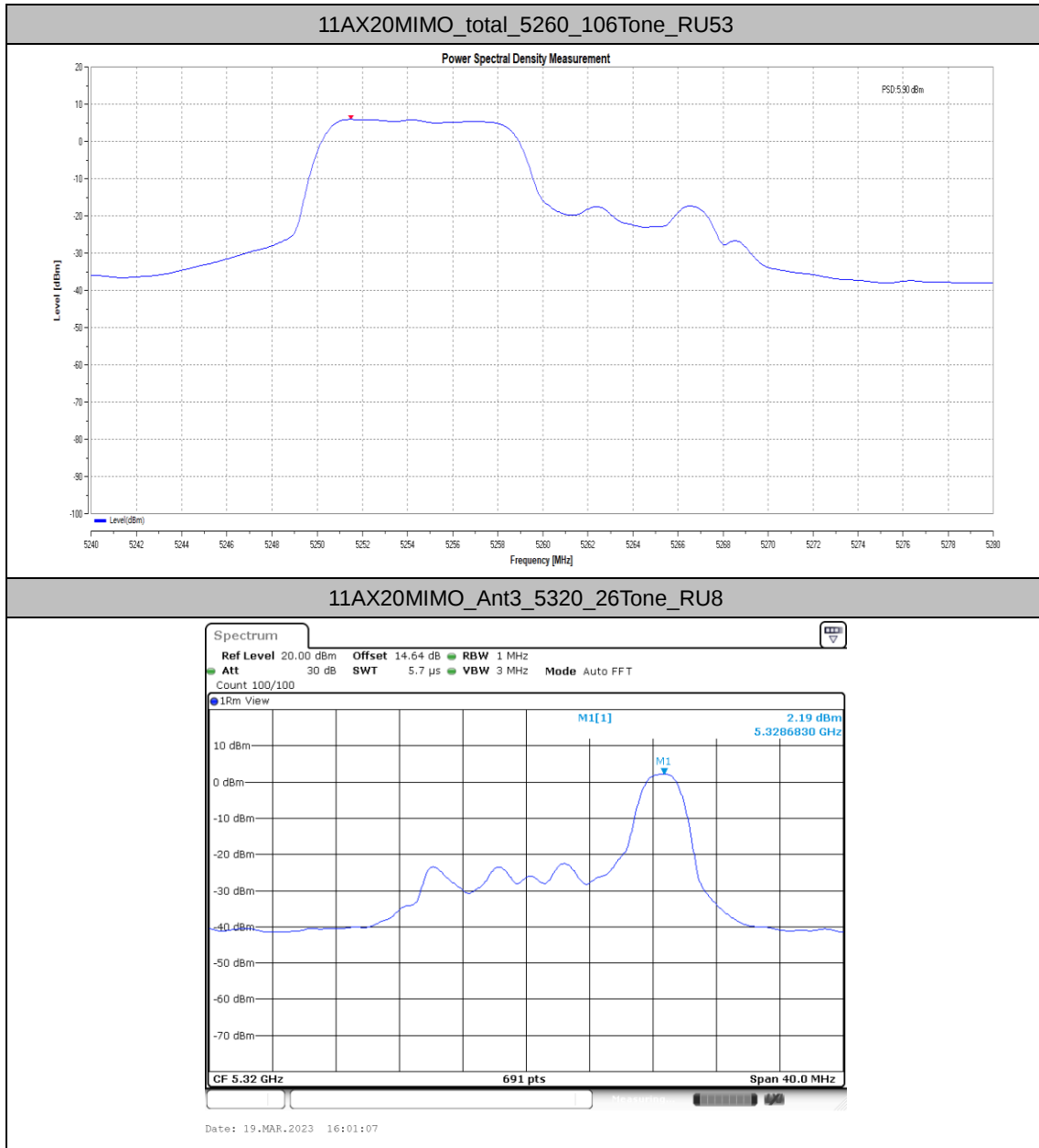


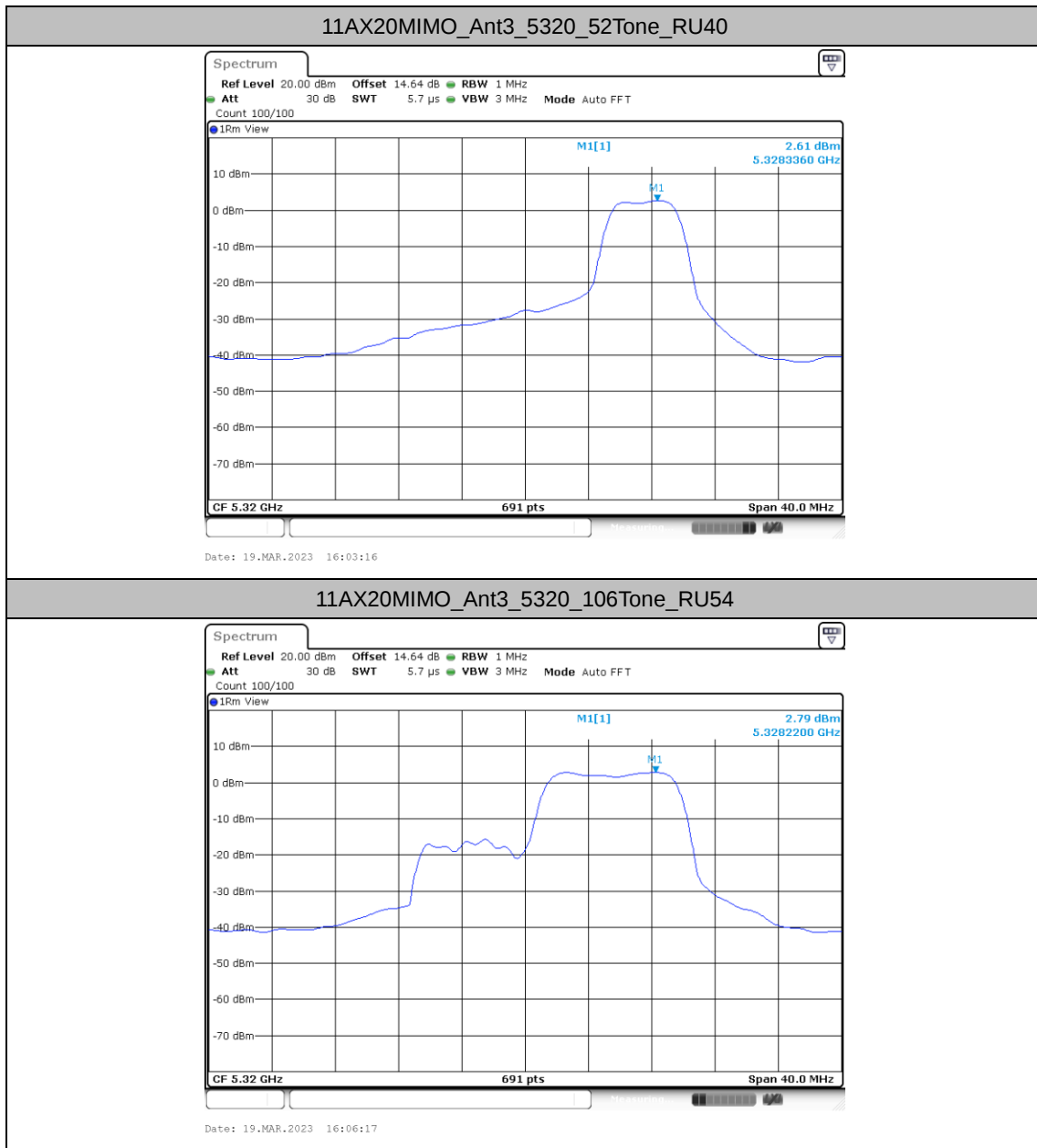


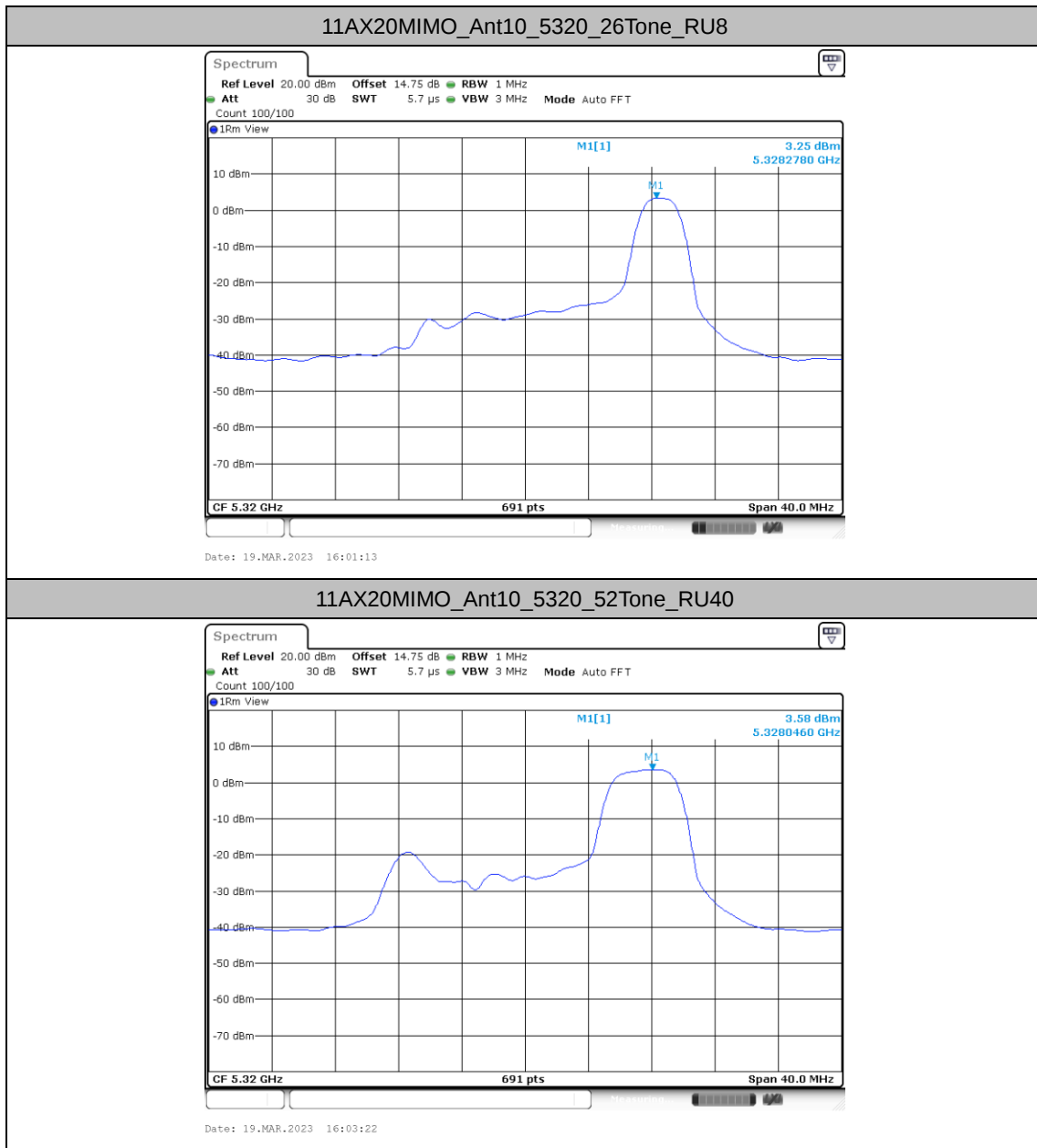


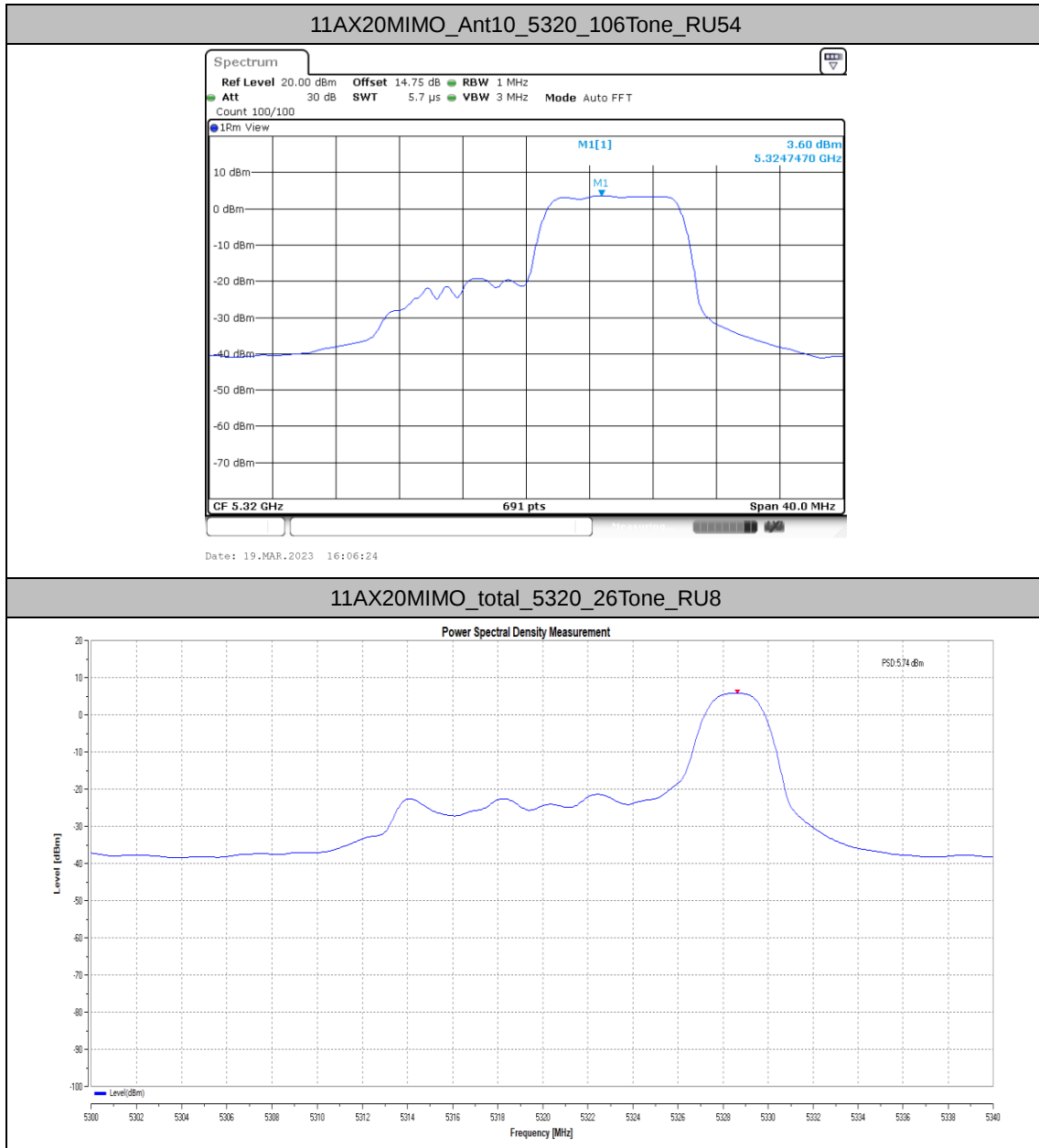


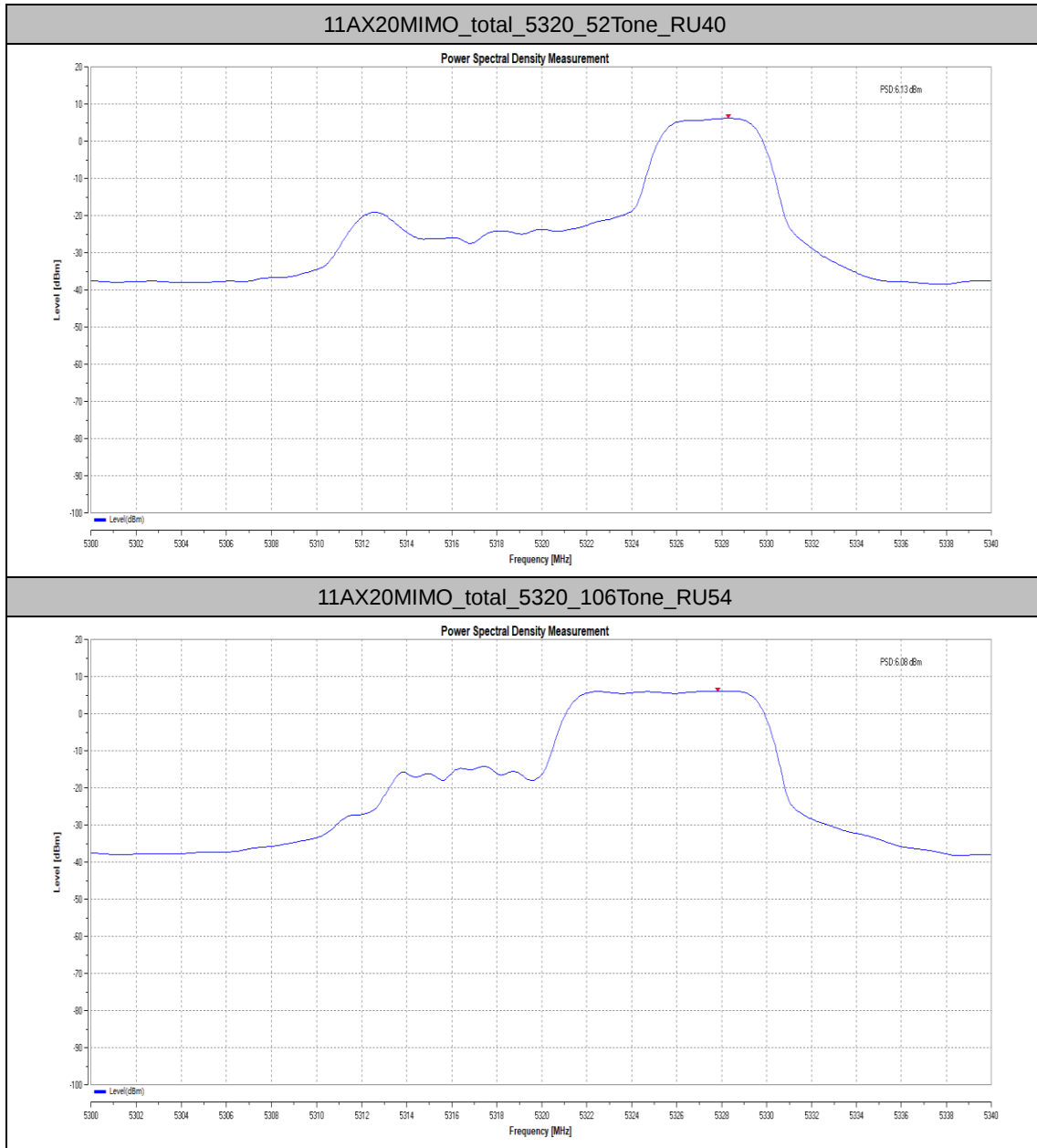


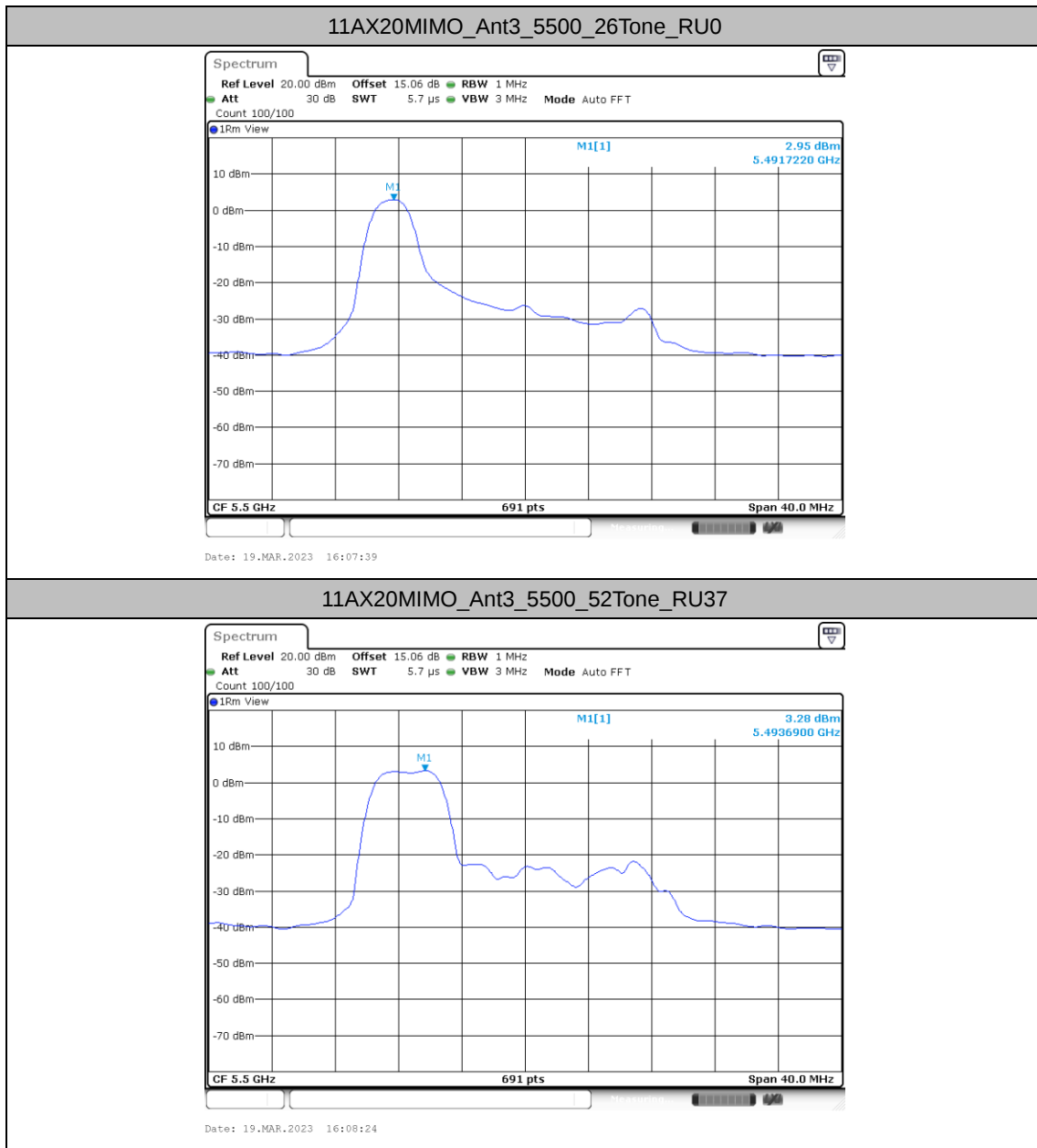


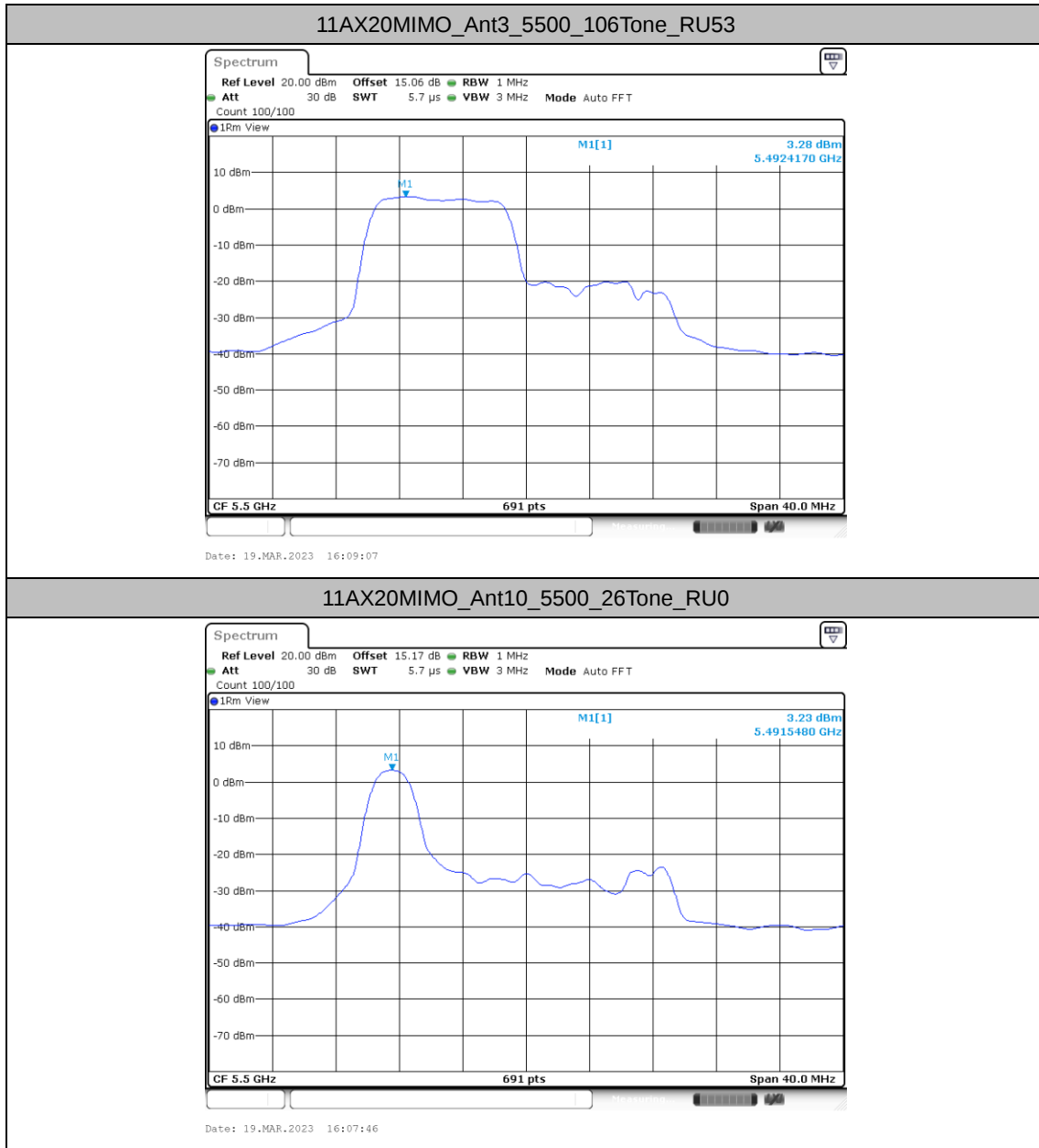


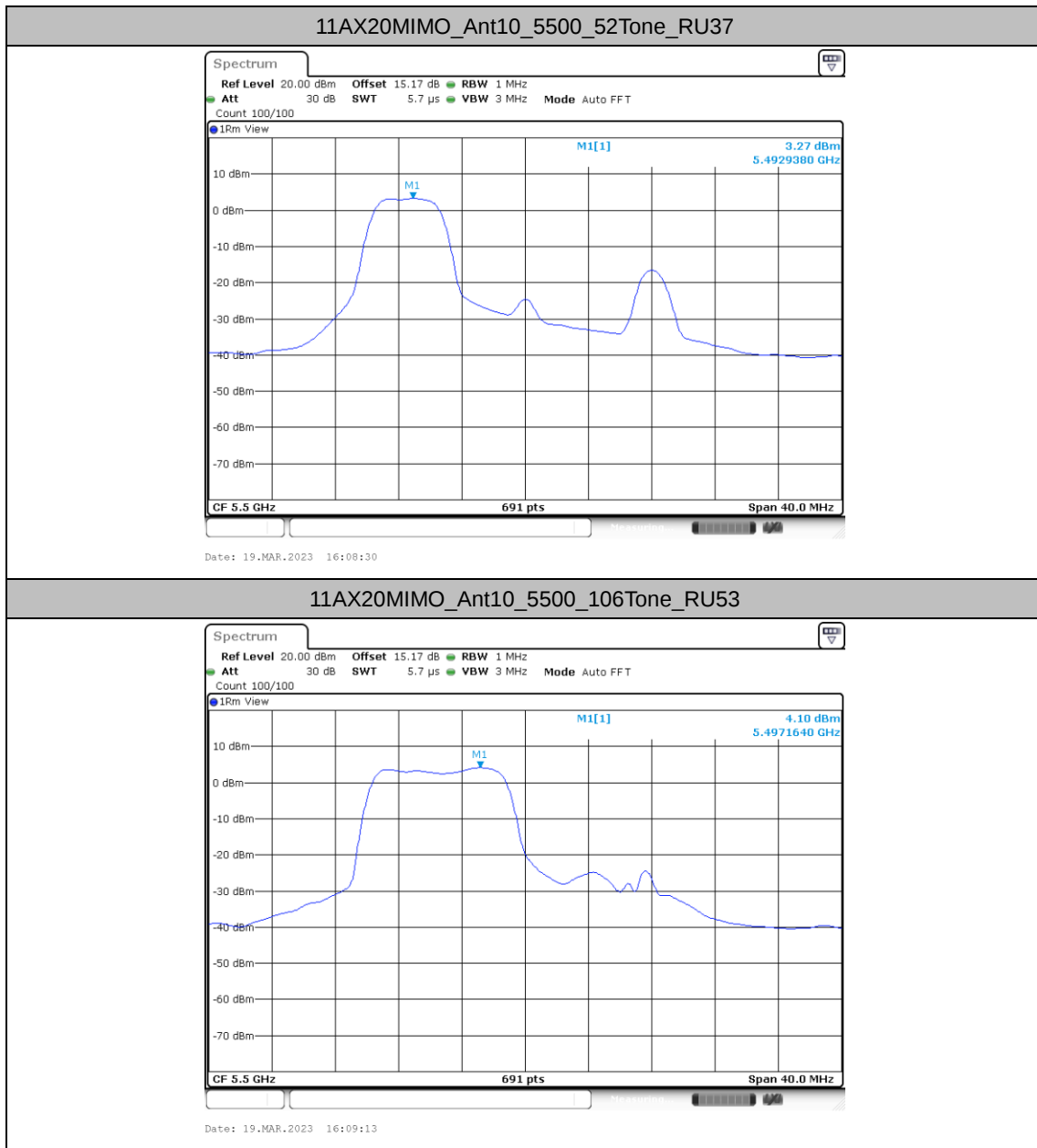


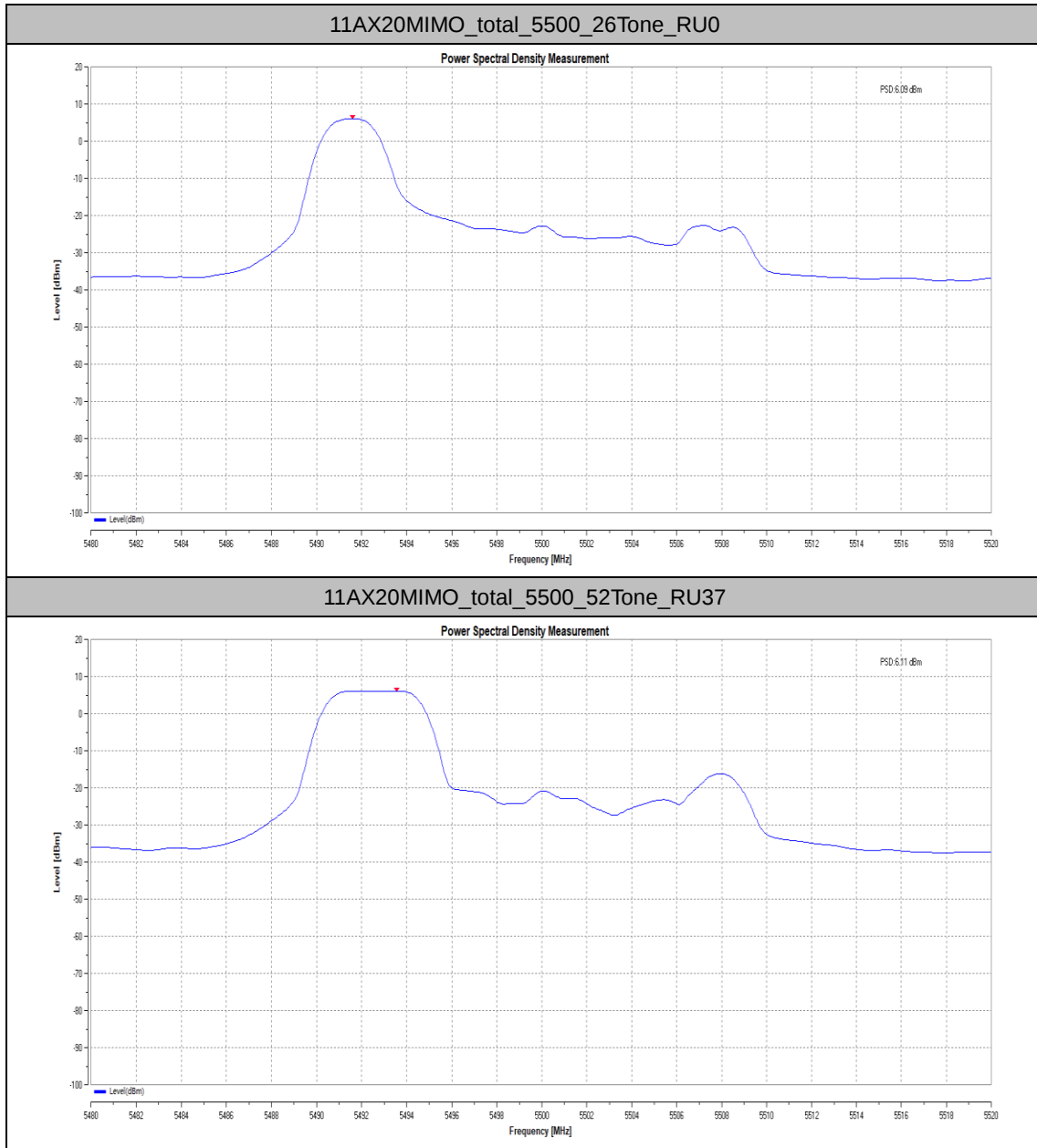


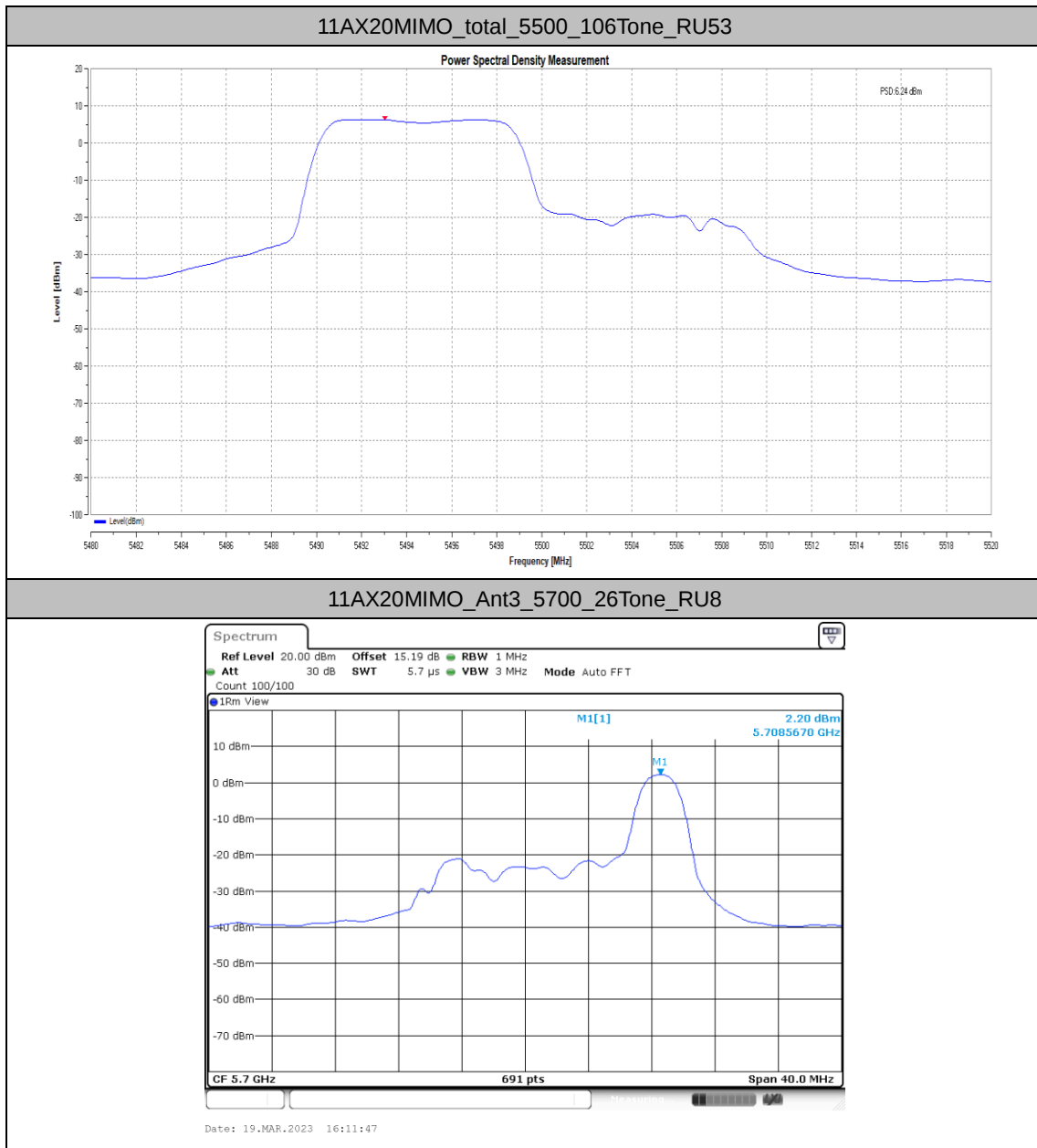


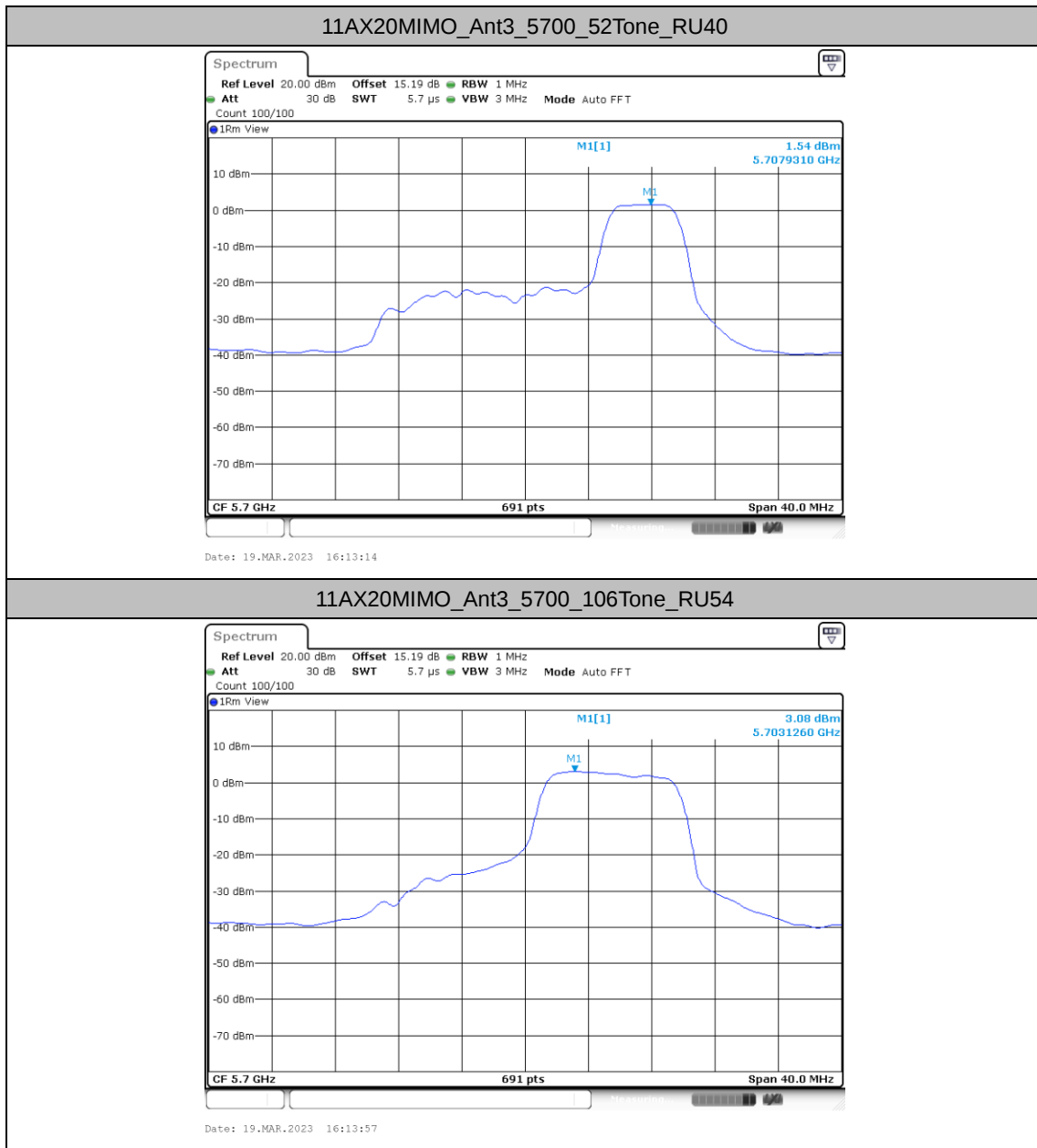


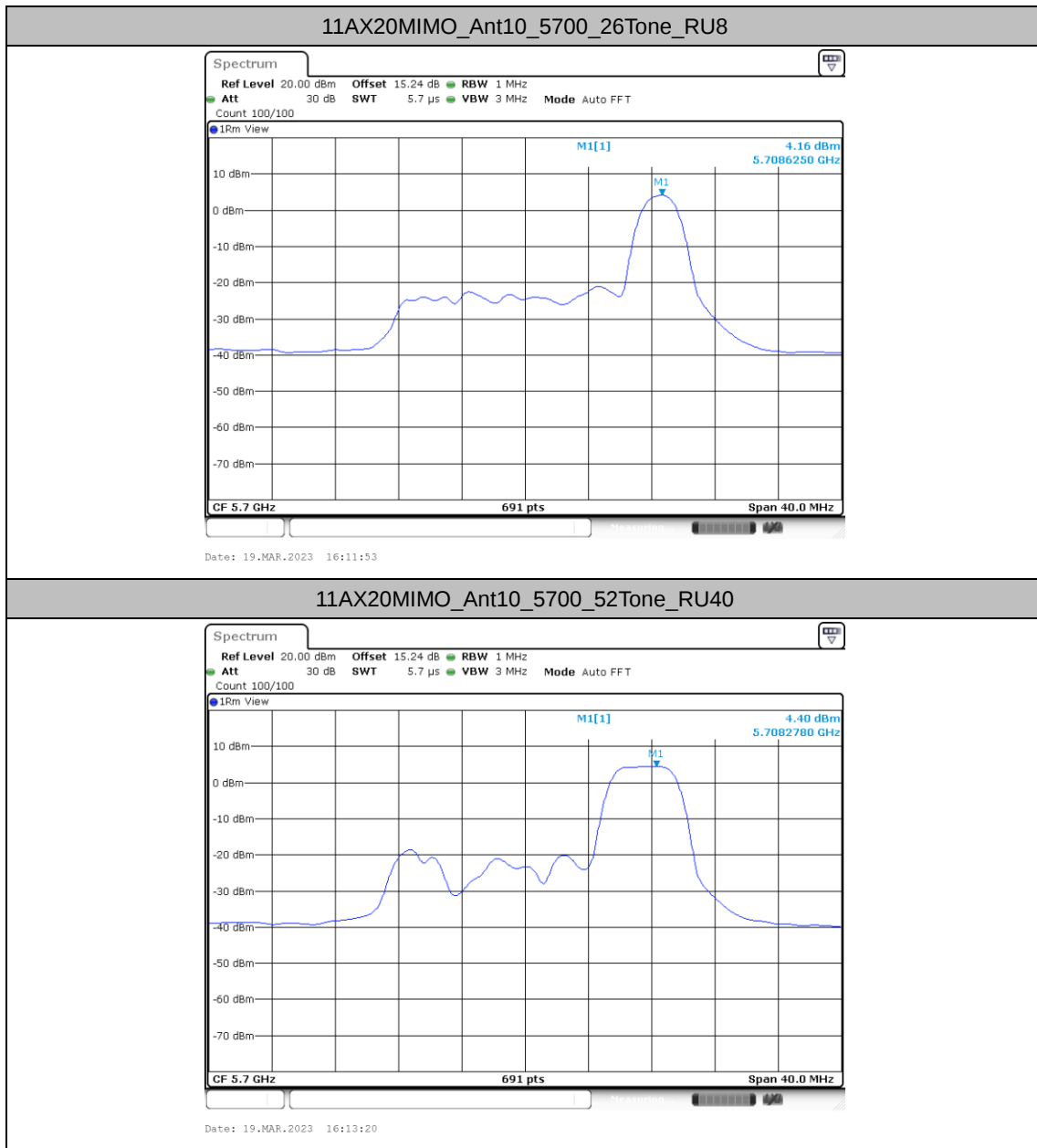


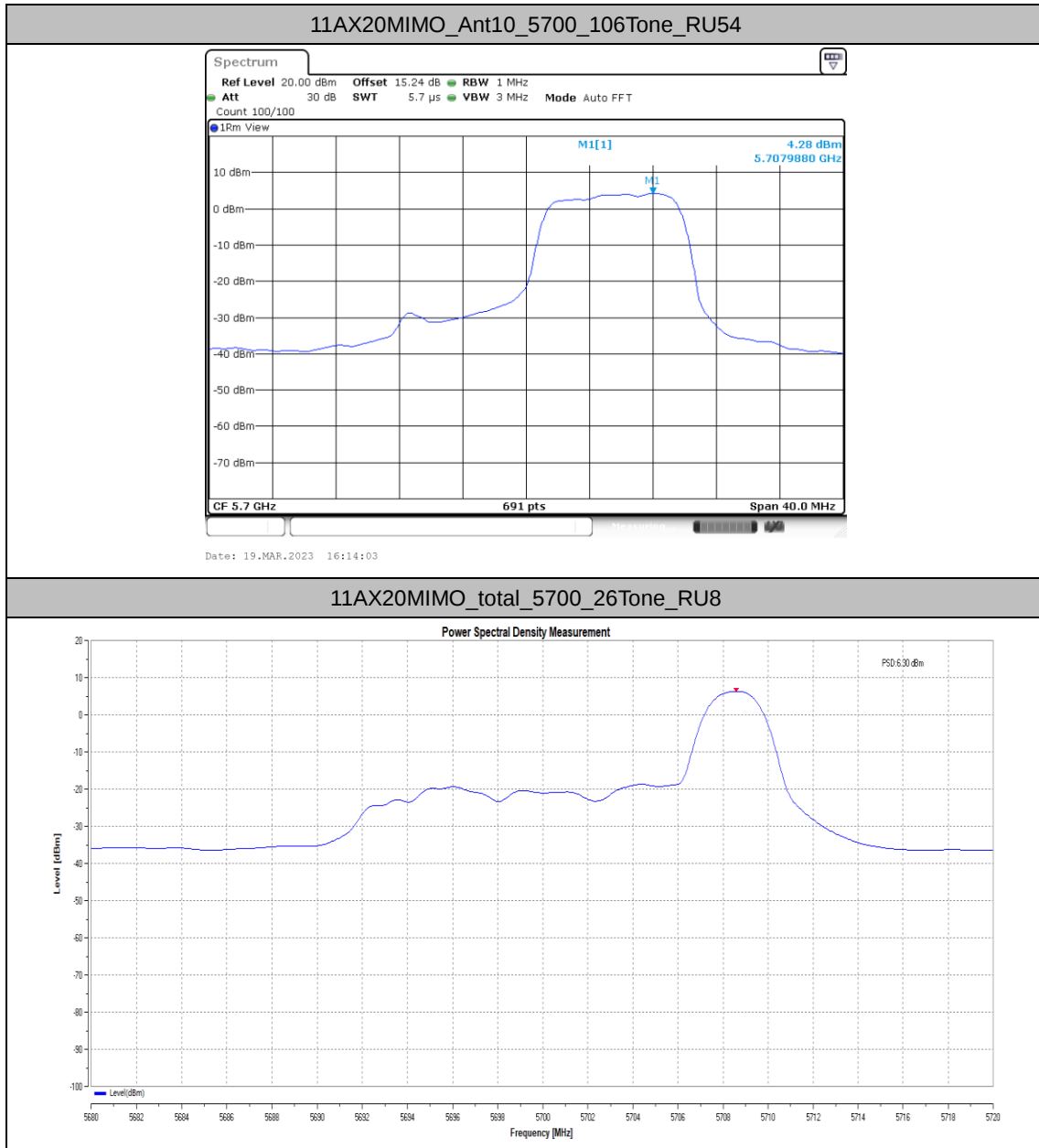


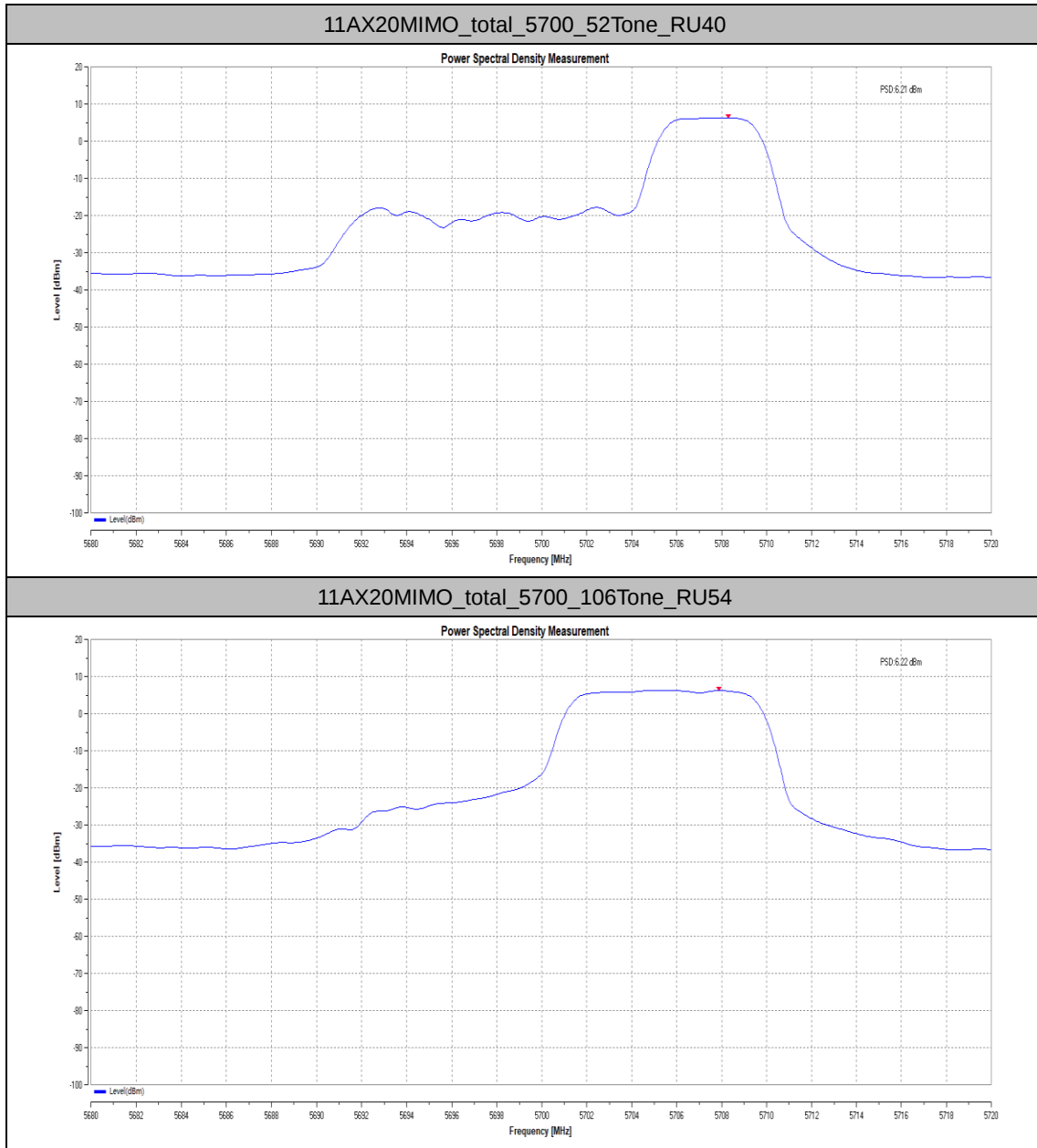


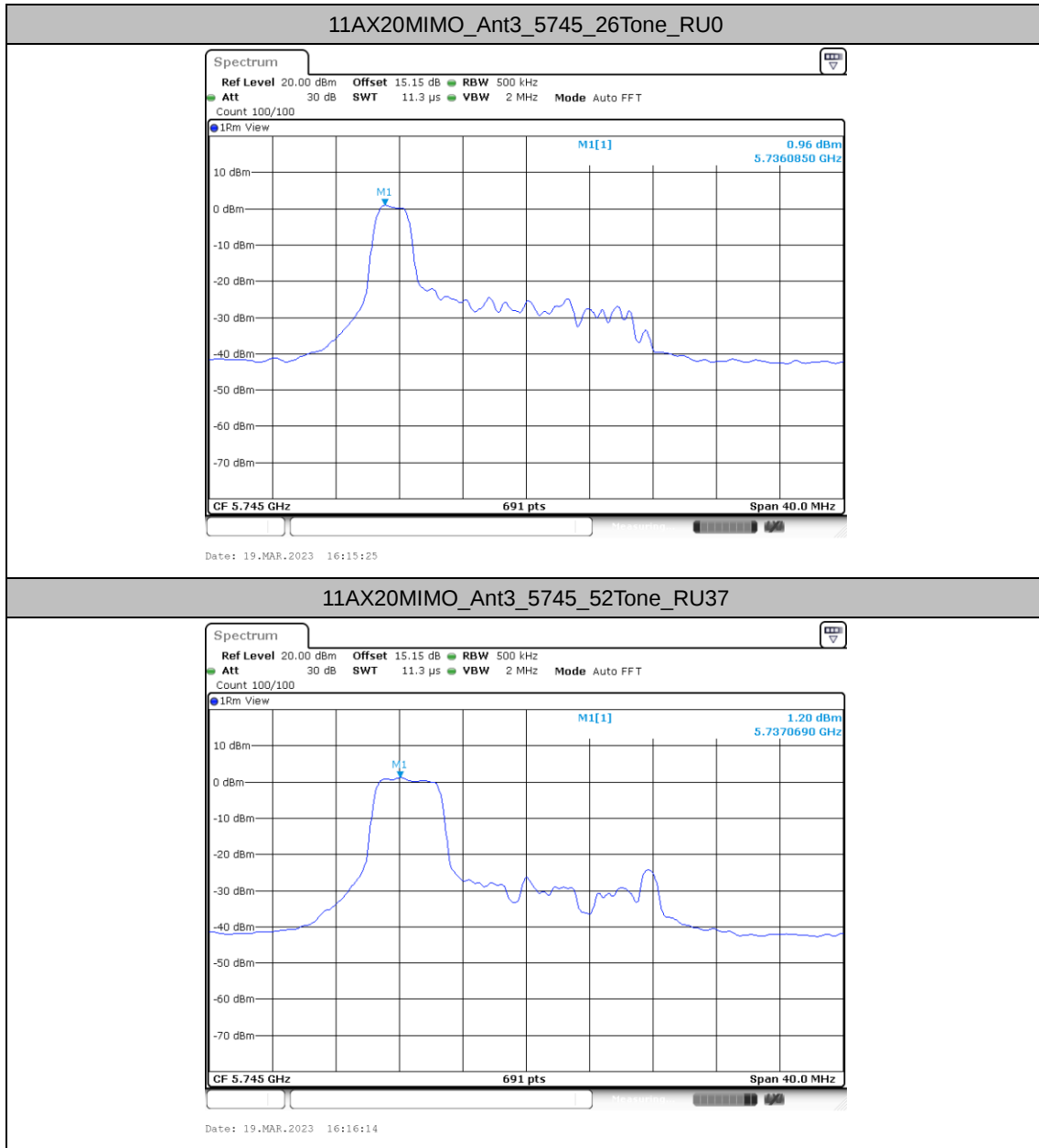






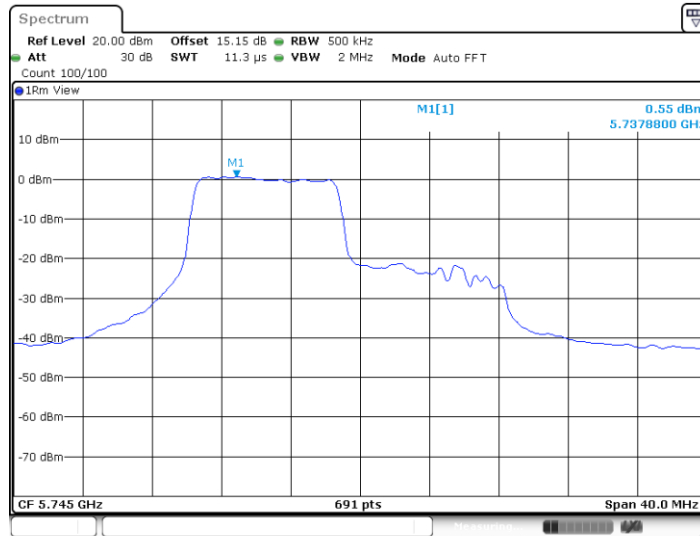






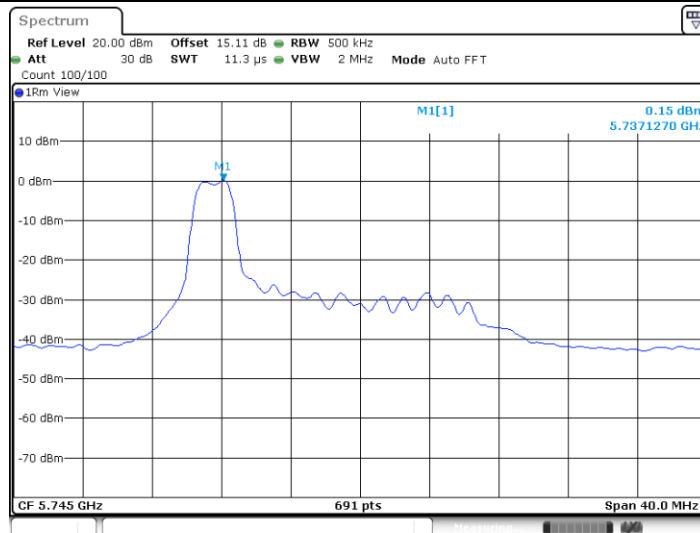


11AX20MIMO_Ant3_5745_106Tone_RU53



Date: 19.MAR.2023 16:17:15

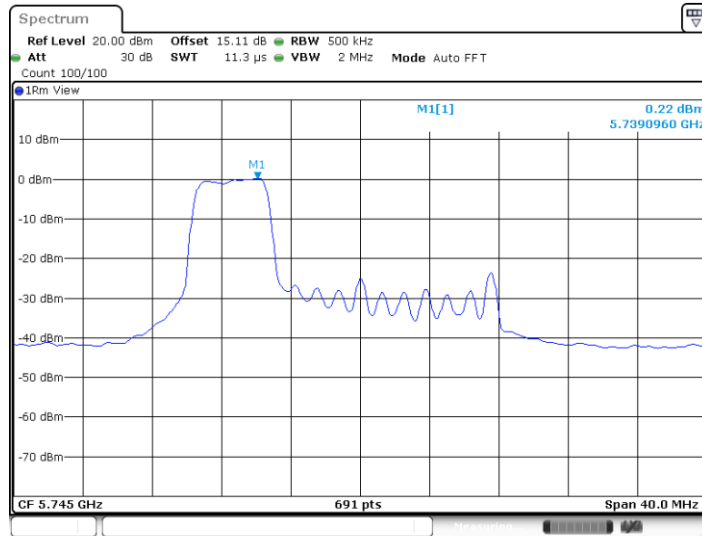
11AX20MIMO_Ant10_5745_26Tone_RU0



Date: 19.MAR.2023 16:15:32

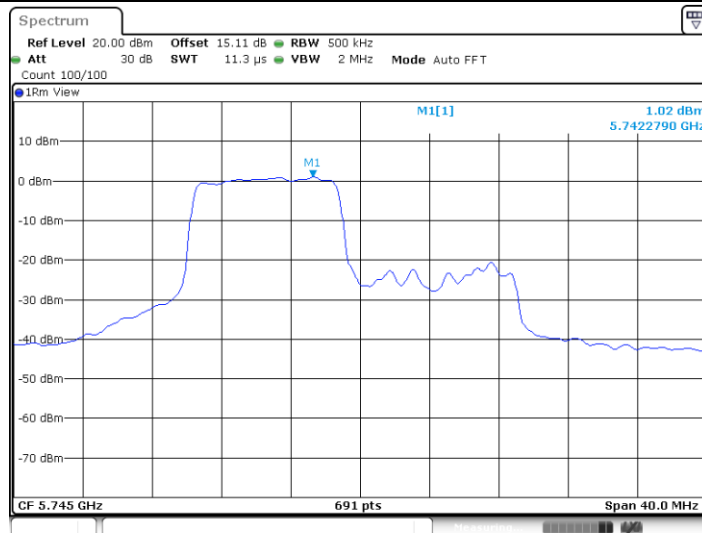


11AX20MIMO_Ant10_5745_52Tone_RU37



Date: 19.MAR.2023 16:16:20

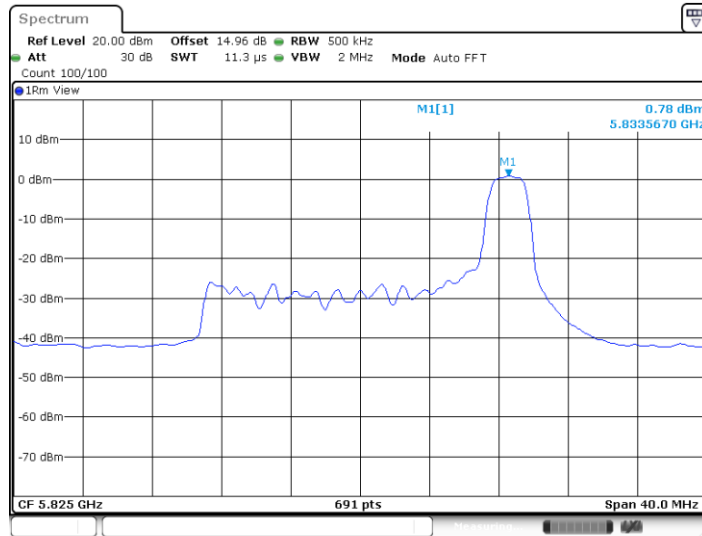
11AX20MIMO_Ant10_5745_106Tone_RU53



Date: 19.MAR.2023 16:17:21

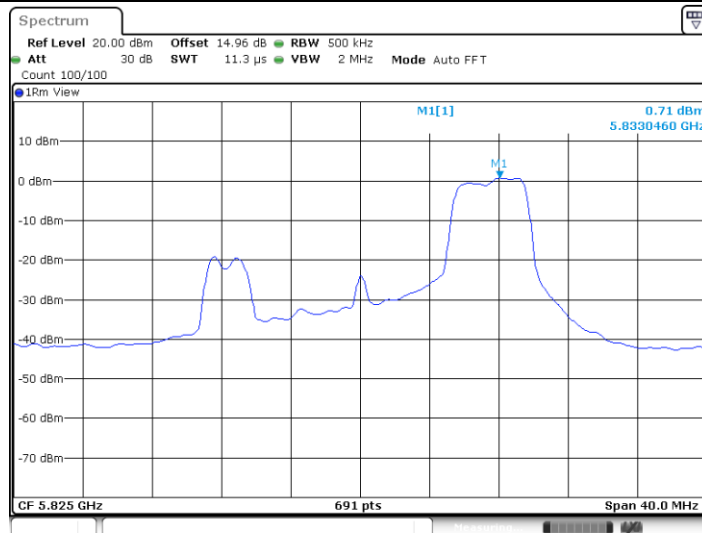


11AX20MIMO_Ant3_5825_26Tone_RU8



Date: 19.MAR.2023 16:21:28

11AX20MIMO_Ant3_5825_52Tone_RU40



Date: 19.MAR.2023 16:22:03

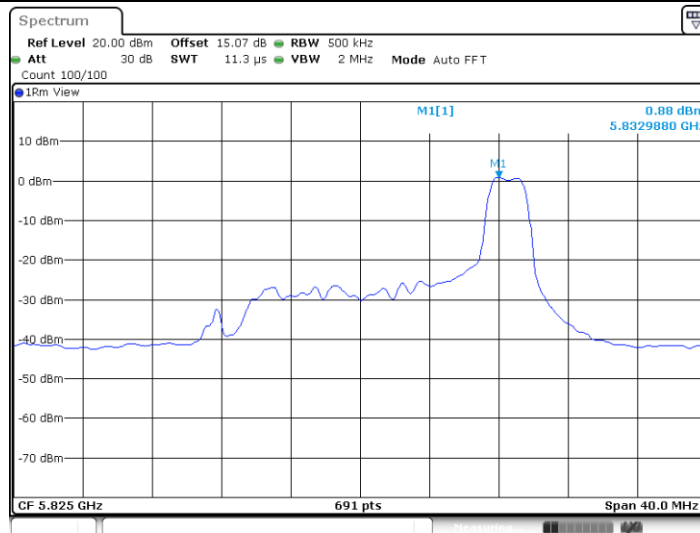


11AX20MIMO_Ant3_5825_106Tone_RU54



Date: 19.MAR.2023 16:22:45

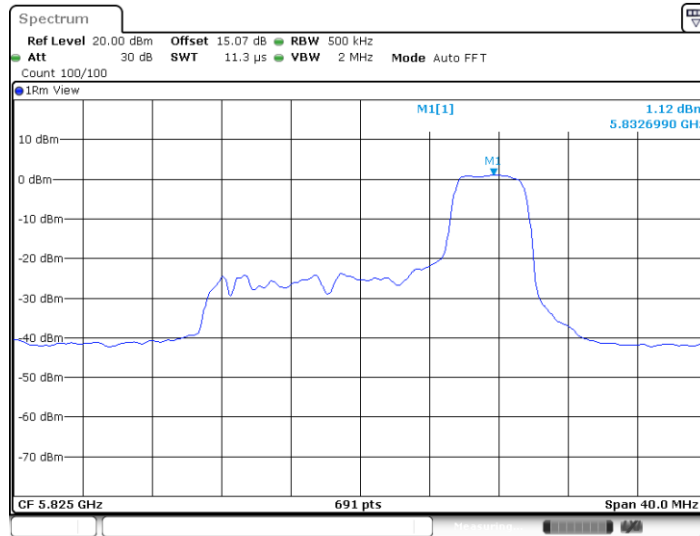
11AX20MIMO_Ant10_5825_26Tone_RU8



Date: 19.MAR.2023 16:21:34



11AX20MIMO_Ant10_5825_52Tone_RU40



Date: 19.MAR.2023 16:22:09

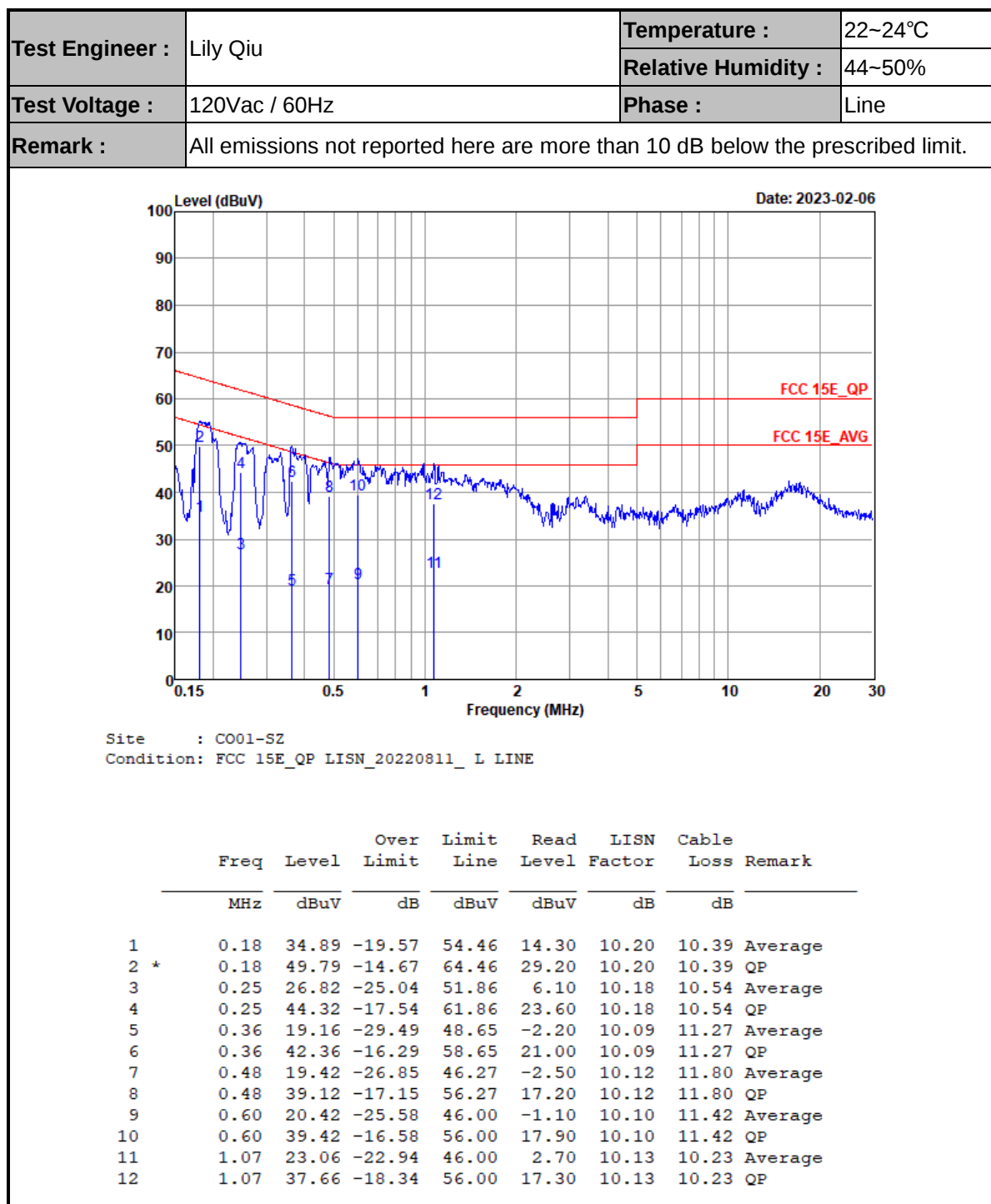
11AX20MIMO_Ant10_5825_106Tone_RU54



Date: 19.MAR.2023 16:22:51

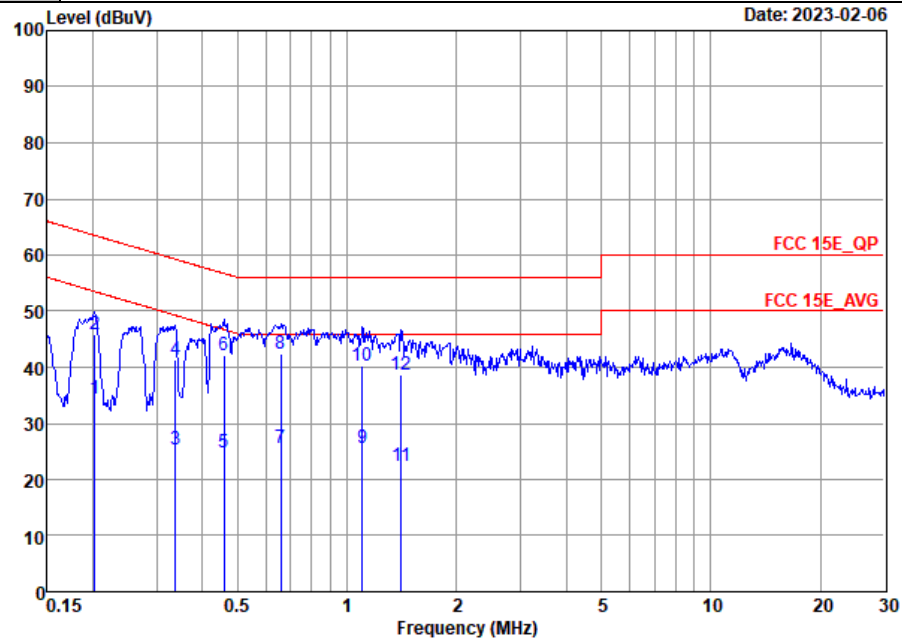


Appendix B. AC Conducted Emission Test Results





Test Engineer :	Lily Qiu	Temperature :	22~24°C
		Relative Humidity :	44~50%
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_20220811_ N NEUTRAL

	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.20	34.46	-19.03	53.49	14.00	10.28	10.18	Average
2	0.20	45.86	-17.63	63.49	25.40	10.28	10.18	QP
3	0.34	25.41	-23.86	49.27	4.10	10.18	11.13	Average
4	0.34	41.41	-17.86	59.27	20.10	10.18	11.13	QP
5	0.46	24.80	-21.91	46.71	2.90	10.19	11.71	Average
6	0.46	42.20	-14.51	56.71	20.30	10.19	11.71	QP
7	0.66	25.64	-20.36	46.00	4.19	10.23	11.22	Average
8 *	0.66	42.34	-13.66	56.00	20.89	10.23	11.22	QP
9	1.10	25.67	-20.33	46.00	5.20	10.24	10.23	Average
10	1.10	40.17	-15.83	56.00	19.70	10.24	10.23	QP
11	1.41	22.28	-23.72	46.00	1.81	10.24	10.23	Average
12	1.41	38.58	-17.42	56.00	18.11	10.24	10.23	QP

Note:

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



Appendix C.1 Radiated Spurious Emission (standalone mode)

Test Engineer :	HuaCong Liang	Relative Humidity :	48~49 %
		Temperature :	24~25℃

Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	U-NII-1	5.15-5.25	3+10	802.11a	36	5180	6Mbps	-	-
Mode 2	U-NII-1	5.15-5.25	3+10	802.11a	44	5220	6Mbps	-	-
Mode 3	U-NII-1	5.15-5.25	3+10	802.11a	48	5240	6Mbps	-	-
Mode 4	U-NII-2A	5.25-5.35	3+10	802.11a	52	5280	6Mbps	-	-
Mode 5	U-NII-2A	5.25-5.35	3+10	802.11a	60	5300	6Mbps	-	-
Mode 6	U-NII-2A	5.25-5.35	3+10	802.11a	64	5320	6Mbps	-	-
Mode 7	U-NII-2C	5.47-5.725	3+10	802.11a	100	5500	6Mbps	-	-
Mode 8	U-NII-2C	5.47-5.725	3+10	802.11a	116	5580	6Mbps	-	-
Mode 9	U-NII-2C	5.47-5.725	3+10	802.11a	140	5700	6Mbps	-	-
Mode 10	U-NII-1	5.15-5.25	3+10	802.11ax HE20	36	5180	MCS0	Full	-
Mode 11	U-NII-1	5.15-5.25	3+10	802.11ax HE20	44	5220	MCS0	Full	-



Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 12	U-NII-1	5.15-5.25	3+10	802.11ax HE20	48	5240	MCS0	Full	-
Mode 13	U-NII-2A	5.25-5.35	3+10	802.11ax HE20	52	5280	MCS0	Full	-
Mode 14	U-NII-2A	5.25-5.35	3+10	802.11ax HE20	60	5300	MCS0	Full	-
Mode 15	U-NII-2A	5.25-5.35	3+10	802.11ax HE20	64	5320	MCS0	Full	-
Mode 16	U-NII-2C	5.47-5.725	3+10	802.11ax HE20	100	5500	MCS0	Full	-
Mode 17	U-NII-2C	5.47-5.725	3+10	802.11ax HE20	116	5580	MCS0	Full	-
Mode 18	U-NII-2C	5.47-5.725	3+10	802.11ax HE20	140	5700	MCS0	Full	-
Mode 19	U-NII-1	5.15-5.25	3+10	802.11ax HE40	38	5190	MCS0	Full	-
Mode 20	U-NII-1	5.15-5.25	3+10	802.11ax HE40	46	5230	MCS0	Full	-
Mode 21	U-NII-2A	5.25-5.35	3+10	802.11ax HE40	54	5270	MCS0	Full	-
Mode 22	U-NII-2A	5.25-5.35	3+10	802.11ax HE40	62	5310	MCS0	Full	-



Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 23	U-NII-2C	5.47-5.725	3+10	802.11ax HE40	102	5510	MCS0	Full	-
Mode 24	U-NII-2C	5.47-5.725	3+10	802.11ax HE40	110	5550	MCS0	Full	-
Mode 25	U-NII-2C	5.47-5.725	3+10	802.11ax HE40	134	5670	MCS0	Full	-
Mode 26	U-NII-1	5.15-5.25	3+10	802.11ax HE80	42	5210	MCS0	Full	-
Mode 27	U-NII-2A	5.25-5.35	3+10	802.11ax HE80	58	5290	MCS0	Full	-
Mode 28	U-NII-2C	5.47-5.725	3+10	802.11ax HE80	106	5530	MCS0	Full	-
Mode 29	U-NII-1	5.15-5.25	3+10	802.11ax HE160	50	5250	MCS0	Full	-
Mode 30	U-NII-3	5.725-5.85	3+10	802.11a	149	5745	6Mbps	-	-
Mode 31	U-NII-3	5.725-5.85	3+10	802.11a	157	5785	6Mbps	-	-
Mode 32	U-NII-3	5.725-5.85	3+10	802.11a	165	5825	6Mbps	-	-
Mode 33	U-NII-3	5.725-5.85	3+10	802.11ax HE20	149	5745	MCS0	Full	-



Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 34	U-NII-3	5.725-5.85	3+10	802.11ax HE20	157	5785	MCS0	Full	-
Mode 35	U-NII-3	5.725-5.85	3+10	802.11ax HE20	165	5825	MCS0	Full	-
Mode 36	U-NII-3	5.725-5.85	3+10	802.11ax HE40	151	5755	MCS0	Full	-
Mode 37	U-NII-3	5.725-5.85	3+10	802.11ax HE40	159	5795	MCS0	Full	-
Mode 38	U-NII-3	5.725-5.85	3+10	802.11ax HE80	155	5775	MCS0	Full	-
Mode 39	U-NII-1	5.15-5.25	3+10	802.11ax HE20	36	5180	MCS0	Partial RU 52/37	-
Mode 40	U-NII-2A	5.25-5.35	3+10	802.11ax HE20	64	5320	MCS0	Partial RU 52/40	-
Mode 41	U-NII-2C	5.47-5.725	3+10	802.11ax HE20	100	5500	MCS0	Partial RU 106/53	-
Mode 42	U-NII-2C	5.47-5.725	3+10	802.11ax HE20	140	5700	MCS0	Partial RU 26/8	-
Mode 43	U-NII-3	5.725-5.85	3+10	802.11ax HE20	149	5745	MCS0	Partial RU 106/53	-
Mode 44	U-NII-3	5.725-5.85	3+10	802.11ax HE20	165	5825	MCS0	Partial RU 106/54	-



Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 45	U-NII-2A	5.25-5.35	3+10	802.11n HT40	62	5310	MCS0	-	LF
Mode 46	U-NII-3	5.725-5.85	3+10	802.11n HT40	151	5755	MCS0	-	LF
Mode 49	U-NII-1	5.15-5.25	3+10	802.11n HT20	36	5180	MCS0	-	-
Mode 50	U-NII-1	5.15-5.25	3+10	802.11n HT20	44	5220	MCS0	-	-
Mode 51	U-NII-1	5.15-5.25	3+10	802.11n HT20	48	5240	MCS0	-	-
Mode 52	U-NII-2A	5.25-5.35	3+10	802.11n HT20	52	5280	MCS0	-	-
Mode 53	U-NII-2A	5.25-5.35	3+10	802.11n HT20	60	5300	MCS0	-	-
Mode 54	U-NII-2A	5.25-5.35	3+10	802.11n HT20	64	5320	MCS0	-	-
Mode 55	U-NII-2C	5.47-5.725	3+10	802.11n HT20	100	5500	MCS0	-	-
Mode 56	U-NII-2C	5.47-5.725	3+10	802.11n HT20	116	5580	MCS0	-	-
Mode 57	U-NII-2C	5.47-5.725	3+10	802.11n HT20	140	5700	MCS0	-	-



Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 58	U-NII-1	5.15-5.25	3+10	802.11n HT40	38	5190	MCS0	-	-
Mode 59	U-NII-1	5.15-5.25	3+10	802.11n HT40	46	5230	MCS0	-	-
Mode 60	U-NII-2A	5.25-5.35	3+10	802.11n HT40	54	5270	MCS0	-	-
Mode 61	U-NII-2A	5.25-5.35	3+10	802.11n HT40	62	5310	MCS0	-	-
Mode 62	U-NII-2C	5.47-5.725	3+10	802.11n HT40	102	5510	MCS0	-	-
Mode 63	U-NII-2C	5.47-5.725	3+10	802.11n HT40	110	5550	MCS0	-	-
Mode 64	U-NII-2C	5.47-5.725	3+10	802.11n HT40	134	5670	MCS0	-	-
Mode 65	U-NII-3	5.725-5.85	3+10	802.11n HT20	149	5745	MCS0	-	-
Mode 66	U-NII-3	5.725-5.85	3+10	802.11n HT20	157	5785	MCS0	-	-
Mode 67	U-NII-3	5.725-5.85	3+10	802.11n HT20	165	5825	MCS0	-	-
Mode 68	U-NII-3	5.725-5.85	3+10	802.11n HT40	151	5755	MCS0	-	-
Mode 69	U-NII-3	5.725-5.85	3+10	802.11n HT40	159	5795	MCS0	-	-
Mode 70	U-NII-2A	5.25-5.35	3+10	802.11n HT40	62	5310	MCS0	-	-
Mode 71	U-NII-3	5.725-5.85	3+10	802.11n HT20	165	5825	MCS0	-	-



Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
1	802.11a	36	5149.94	51.57	54.00	-2.43	V	AVERAGE	Pass	Band Edge
	802.11a	36	10360.00	48.53	68.30	-19.77	H	Peak	Pass	Harmonic
2	802.11a	44	-	-	-	-	-	-	-	Band Edge
	802.11a	44	10440.00	47.79	68.30	-20.51	H	Peak	Pass	Harmonic
3	802.11a	48	-	-	-	-	-	-	-	Band Edge
	802.11a	48	10480.00	48.59	68.30	-19.71	V	Peak	Pass	Harmonic
4	802.11a	52	-	-	-	-	-	-	-	Band Edge
	802.11a	52	10520	47.41	68.30	-20.89	H	Peak	Pass	Harmonic
5	802.11a	60	-	-	-	-	-	-	-	Band Edge
	802.11a	60	15900.00	48.60	74.00	-25.40	V	Peak	Pass	Harmonic
6	802.11a	64	5350.38	49.46	54.00	-4.54	V	AVERAGE	Pass	Band Edge



Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
6	802.11a	64	10640.00	49.75	74.00	-24.25	H	Peak	Pass	Harmonic
7	802.11a	100	5469.85	44.22	54	-9.78	V	PEAK	Pass	Band Edge
	802.11a	100	16500.00	50.02	68.30	-18.28	V	Peak	Pass	Harmonic
8	802.11a	116	-	-	-	-	-	-	-	Band Edge
	802.11a	116	16740.00	49.89	68.30	-18.41	V	Peak	Pass	Harmonic
9	802.11a	140	5727.76	65.43	68.30	-2.87	H	PEAK	Pass	Band Edge
	802.11a	140	17100.00	49.82	68.30	-18.48	V	Peak	Pass	Harmonic
10	802.11ax HE20	36	5149.94	44.28	54.00	-9.72	V	AVERAGE	Pass	Band Edge
	802.11ax HE20	36	10360.00	47.96	68.30	-20.34	H	Peak	Pass	Harmonic
11	802.11ax HE20	44	-	-	-	-	-	-	-	Band Edge
	802.11ax HE20	44	10440.00	47.66	68.30	-20.64	V	Peak	Pass	Harmonic



Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
12	802.11ax HE20	48	-	-	-	-	-	-	-	Band Edge
	802.11ax HE20	48	10480.00	47.84	68.30	-20.46	V	Peak	Pass	Harmonic
13	802.11ax HE20	52	-	-	-	-	-	-	-	Band Edge
	802.11ax HE20	52	10560.00	48.67	68.30	-19.63	H	Peak	Pass	Harmonic
14	802.11ax HE20	60	-	-	-	-	-	-	-	Band Edge
	802.11ax HE20	60	10600.00	47.47	74.00	-26.53	V	Peak	Pass	Harmonic
15	802.11ax HE20	64	5354.58	41.41	54.00	-12.59	V	AVERAGE	Pass	Band Edge
	802.11ax HE20	64	10640.00	49.31	74.00	-24.69	V	Peak	Pass	Harmonic
16	802.11ax HE20	100	5459.95	40.58	54.00	-13.42	V	AVERAGE	Pass	Band Edge
	802.11ax HE20	100	16500.00	48.59	68.30	-19.71	H	Peak	Pass	Harmonic
17	802.11ax HE20	116	-	-	-	-	-	-	-	Band Edge



Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
17	802.11ax HE20	116	16740.00	48.01	68.30	-20.29	V	Peak	Pass	Harmonic
18	802.11ax HE20	140	5725.81	61.12	68.30	-7.18	V	PEAK	Pass	Band Edge
	802.11ax HE20	140	17100.00	51.88	68.30	-16.42	V	Peak	Pass	Harmonic
19	802.11ax HE40	38	5149.91	40.57	54.00	-13.43	V	AVERAGE	Pass	Band Edge
	802.11ax HE40	38	10380.00	49.59	68.30	-18.71	H	Peak	Pass	Harmonic
20	802.11ax HE40	46	5133.17	40.85	54.00	-13.15	V	AVERAGE	Pass	Band Edge
	802.11ax HE40	46	10460.00	48.64	68.30	-19.66	H	Peak	Pass	Harmonic
21	802.11ax HE40	54	5143.37	40.73	54.00	-13.27	V	AVERAGE	Pass	Band Edge
	802.11ax HE40	54	10540.00	49.78	68.30	-18.52	V	Peak	Pass	Harmonic
22	802.11ax HE40	62	5350.80	46.09	54.00	-7.91	V	AVERAGE	Pass	Band Edge
	802.11ax HE40	62	10620.00	48.22	74.00	-25.78	V	Peak	Pass	Harmonic



Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
23	802.11ax HE40	102	5423.44	39.76	54.00	-14.24	V	AVERAGE	Pass	Band Edge
	802.11ax HE40	102	16530.00	49.55	68.30	-18.75	H	Peak	Pass	Harmonic
24	802.11ax HE40	110	-	-	-	-	-	-	-	Band Edge
	802.11ax HE40	110	16650.00	50.08	68.30	-18.22	V	Peak	Pass	Harmonic
25	802.11ax HE40	134	5388.40	38.85	54.00	-15.15	V	AVERAGE	Pass	Band Edge
	802.11ax HE40	134	17010.00	51.40	68.30	-16.90	H	Peak	Pass	Harmonic
26	802.11ax HE80	42	5128.94	44.02	54.00	-9.98	H	AVERAGE	Pass	Band Edge
	802.11ax HE80	42	10420.00	48.85	68.30	-19.45	H	Peak	Pass	Harmonic
27	802.11ax HE80	58	5350.01	45.12	54.00	-8.88	V	AVERAGE	Pass	Band Edge
	802.11ax HE80	58	10580.00	49.04	68.30	-19.26	V	Peak	Pass	Harmonic
28	802.11ax HE80	106	5456.20	41.55	54.00	-12.45	V	AVERAGE	Pass	Band Edge



Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
28	802.11ax HE80	106	16590.00	49.29	68.30	-19.01	V	Peak	Pass	Harmonic
29	802.11ax HE160	50	5391.54	52.28	54.00	-1.72	V	AVERAGE	Pass	Band Edge
	802.11ax HE160	50	10500.00	48.81	68.30	-19.49	V	Peak	Pass	Harmonic
30	802.11a	149	5633.35	50.35	68.30	-17.95	V	PEAK	Pass	Band Edge
	802.11a	149	17235.00	51.93	68.30	-16.37	H	Peak	Pass	Harmonic
31	802.11a	157	-	-	-	-	-	-	-	Band Edge
	802.11a	157	17355.00	50.20	68.30	-18.10	V	Peak	Pass	Harmonic
32	802.11a	165	5857.50	51.65	68.30	-16.65	H	PEAK	Pass	Band Edge
	802.11a	165	17475.00	50.49	68.30	-17.81	H	Peak	Pass	Harmonic
33	802.11ax HE20	149	5643.5	51.32	68.30	-16.98	V	PEAK	Pass	Band Edge
	802.11ax HE20	149	17235.00	50.31	68.30	-17.99	V	Peak	Pass	Harmonic



Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
34	802.11ax HE20	157	-	-	-	-	-	-	-	Band Edge
	802.11ax HE20	157	17355.00	50.71	68.30	-17.59	H	Peak	Pass	Harmonic
35	802.11ax HE20	165	5927.625	51.7	68.30	-16.60	H	PEAK	Pass	Band Edge
	802.11ax HE20	165	17475.00	50.94	68.30	-17.36	H	Peak	Pass	Harmonic
36	802.11ax HE40	151	5626.97	51.1	68.30	-17.20	H	PEAK	Pass	Band Edge
	802.11ax HE40	151	17265.00	50.99	68.30	-17.31	V	Peak	Pass	Harmonic
37	802.11ax HE40	159	5930.00	51.38	68.30	-16.92	H	PEAK	Pass	Band Edge
	802.11ax HE40	159	17385.00	50.87	68.30	-17.43	V	Peak	Pass	Harmonic
38	802.11ax HE80	155	5945.45	51.81	68.30	-16.49	H	PEAK	Pass	Band Edge
	802.11ax HE80	155	17325.00	50.92	68.30	-17.38	V	Peak	Pass	Harmonic
39	802.11ax HE20	36	5048.42	40.52	54.00	-13.48	V	AVERAGE	Pass	Band Edge



Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
39	802.11ax HE20	36	-	-	-	-	-	-	-	Harmonic
40	802.11ax HE20	64	5351.22	39.69	54.00	-14.31	V	AVERAGE	Pass	Band Edge
	802.11ax HE20	64	-	-	-	-	-	-	-	Harmonic
41	802.11ax HE20	100	5441.80	39.57	54.00	-14.43	V	AVERAGE	Pass	Band Edge
	802.11ax HE20	100	-	-	-	-	-	-	-	Harmonic
42	802.11ax HE20	140	5725.16	52.24	68.30	-16.06	H	PEAK	Pass	Band Edge
	802.11ax HE20	140	-	-	-	-	-	-	-	Harmonic
43	802.11ax HE20	149	5624.36	50.69	68.30	-17.61	V	PEAK	Pass	Band Edge
	802.11ax HE20	149	-	-	-	-	-	-	-	Harmonic
44	802.11ax HE20	165	5937.13	51.9	68.30	-16.40	V	PEAK	Pass	Band Edge
	802.11ax HE20	165	-	-	-	-	-	-	-	Harmonic



Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
45	802.11n HT40	(62)	347.19	33.2	46	-12.8	H	PEAK	Pass	LF
46	802.11n HT40	(151)	192.96	30.71	43.5	-12.79	V	PEAK	Pass	LF
49	802.11n HT20	36	5149.94	47.31	54.00	-6.69	V	AVERAGE	Pass	Band Edge
	802.11n HT20	36	10360.00	48.63	68.30	-19.67	V	Peak	Pass	Harmonic
50	802.11n HT20	44	-	-	-	-	-	-	-	Band Edge
	802.11n HT20	44	10440.00	49.14	68.30	-19.16	H	Peak	Pass	Harmonic
51	802.11n HT20	48	-	-	-	-	-	-	-	Band Edge
	802.11n HT20	48	10480.00	49.26	68.30	-19.04	V	Peak	Pass	Harmonic
52	802.11n HT20	52	-	-	-	-	-	-	-	Band Edge
	802.11n HT20	52	10460	48.75	68.30	-19.55	V	Peak	Pass	Harmonic
53	802.11n HT20	60	-	-	-	-	-	-	-	Band Edge



Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
53	802.11n HT20	60	15900.00	49.76	74.00	-24.24	H	Peak	Pass	Harmonic
54	802.11n HT20	64	5350.94	42.76	54.00	-11.24	V	AVERAGE	Pass	Band Edge
	802.11n HT20	64	10640.00	49.62	74.00	-24.38	V	Peak	Pass	Harmonic
55	802.11n HT20	100	5459.50	42.22	54.00	-11.78	V	AVERAGE	Pass	Band Edge
	802.11n HT20	100	16500.00	49.50	68.30	-18.80	H	Peak	Pass	Harmonic
56	802.11n HT20	116	-	-	-	-	-	-	-	Band Edge
	802.11n HT20	116	16740.00	50.57	68.30	-17.73	H	Peak	Pass	Harmonic
57	802.11n HT20	140	5725.29	61.11	68.30	-7.19	V	PEAK	Pass	Band Edge
	802.11n HT20	140	17100.00	50.57	68.30	-17.73	V	Peak	Pass	Harmonic
58	802.11n HT40	38	5149.91	53.06	54.00	-0.94	V	AVERAGE	Pass	Band Edge
	802.11n HT40	38	10380.00	48.80	68.30	-19.50	V	Peak	Pass	Harmonic



Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
59	802.11n HT40	46	5143.98	42.67	54.00	-11.33	V	AVERAGE	Pass	Band Edge
	802.11n HT40	46	10460.00	49.86	68.30	-18.44	V	Peak	Pass	Harmonic
60	802.11n HT40	54	5357.97	41.61	54.00	-12.39	V	AVERAGE	Pass	Band Edge
	802.11n HT40	54	10540.00	48.56	68.30	-19.74	H	Peak	Pass	Harmonic
61	802.11n HT40	62	5351.55	53.41	54.00	-0.59	V	AVERAGE	Pass	Band Edge
	802.11n HT40	62	15930.00	49.55	74.00	-24.45	H	Peak	Pass	Harmonic
62	802.11n HT40	102	5466.80	57.82	68.30	-10.48	V	PEAK	Pass	Band Edge
	802.11n HT40	102	16530.00	49.86	68.30	-18.44	H	Peak	Pass	Harmonic
63	802.11n HT40	110	-	-	-	-	-	-	-	Band Edge
	802.11n HT40	110	16650.00	49.40	68.30	-18.90	H	Peak	Pass	Harmonic
64	802.11n HT40	134	5727.48	55.35	68.30	-12.95	V	PEAK	Pass	Band Edge



Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
64	802.11n HT40	134	17010.00	50.89	68.30	-17.41	V	Peak	Pass	Harmonic
65	802.11n HT20	149	5625.81	49.82	68.30	-18.48	H	PEAK	Pass	Band Edge
	802.11n HT20	149	17235.00	50.86	68.30	-17.44	V	Peak	Pass	Harmonic
66	802.11n HT20	157	-	-	-	-	-	-	-	Band Edge
	802.11n HT20	157	17355.00	50.15	68.30	-18.15	H	Peak	Pass	Harmonic
67	802.11n HT20	165	5930.5	51.73	68.30	-16.57	H	PEAK	Pass	Band Edge
	802.11n HT20	165	17475.00	50.78	68.30	-17.52	H	Peak	Pass	Harmonic
68	802.11n HT40	151	5648.98	52.23	68.30	-16.07	H	PEAK	Pass	Band Edge
	802.11n HT40	151	17265.00	50.74	68.30	-17.56	V	Peak	Pass	Harmonic
69	802.11n HT40	159	5941.79	51.83	68.30	-16.47	V	PEAK	Pass	Band Edge
	802.11n HT40	159	17385.00	50.85	68.30	-17.45	H	Peak	Pass	Harmonic
70	802.11n HT40	62	5350.05	48.70	54.00	-5.30	V	AVERAGE	Pass	Band Edge
	802.11n HT40	62	15930.00	49.22	74.00	-24.78	H	Peak	Pass	Harmonic
71	802.11n HT20	165	5649.45	51.57	68.30	-16.73	H	PEAK	Pass	Band Edge
	802.11n HT20	165	11510	49.20	74.00	-24.8	H	Peak	Pass	Harmonic



Mode	1																																																																			
	Band Edge																																																																			
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz																																																																			
ANT	3+10																																																																			
Pol.	Horizontal	Fundamental																																																																		
Peak	Level (dBuV/m) Date: 2023-03-21 Site : 03CH03-SZ Condition: PART 15.407 3m ANT3117_0057 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz Mode : 1 Setting : 6M Power setting 16.5 Plane : X with accessory : 32fa7a52 <table><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>(dB)</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th>PEAK</th></tr><tr><td>1 5149.94</td><td>59.47</td><td>74.00</td><td>-14.53</td><td>49.86</td><td>34.54</td><td>7.92</td><td>32.85</td><td>100</td><td>238</td><td>PEAK</td></tr></table>	Freq	Level	Line	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark	MHz	dBuV/m	dBuV/m	(dB)	dBuV	dB/m	dB	dB	cm	deg	PEAK	1 5149.94	59.47	74.00	-14.53	49.86	34.54	7.92	32.85	100	238	PEAK	Level (dBuV/m) Date: 2023-03-21 Site : 03CH03-SZ Condition: PART 15.407 3m ANT3117_0057 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz Mode : 1 Setting : 6M Power setting 16.5 Plane : X with accessory : 32fa7a52 <table><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>(dB)</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th>PEAK</th></tr><tr><td>1 5180.00</td><td>105.11</td><td>-----</td><td>-----</td><td>95.54</td><td>34.53</td><td>7.94</td><td>32.90</td><td>100</td><td>238</td><td>PEAK</td></tr></table>	Freq	Level	Line	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark	MHz	dBuV/m	dBuV/m	(dB)	dBuV	dB/m	dB	dB	cm	deg	PEAK	1 5180.00	105.11	-----	-----	95.54	34.53	7.94	32.90	100	238	PEAK
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