



Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A-CDD	Ant5	5180	6.26	≤11.00	PASS
	Ant4	5180	6.21	≤11.00	PASS
	total	5180	9.25	≤11.00	PASS
	Ant5	5220	6.63	≤11.00	PASS
	Ant4	5220	6.44	≤11.00	PASS
	total	5220	9.55	≤11.00	PASS
	Ant5	5240	6.78	≤11.00	PASS
	Ant4	5240	6.47	≤11.00	PASS
	total	5240	9.64	≤11.00	PASS
	Ant5	5260	6.75	≤11.00	PASS
	Ant4	5260	6.34	≤11.00	PASS
	total	5260	9.56	≤11.00	PASS
	Ant5	5300	6.97	≤11.00	PASS
	Ant4	5300	6.41	≤11.00	PASS
	total	5300	9.71	≤11.00	PASS
	Ant5	5320	7	≤11.00	PASS
	Ant4	5320	6.11	≤11.00	PASS
	total	5320	9.59	≤11.00	PASS
	Ant5	5500	7.07	≤11.00	PASS
	Ant4	5500	6.19	≤11.00	PASS
	total	5500	9.66	≤11.00	PASS
	Ant5	5580	7.06	≤11.00	PASS
	Ant4	5580	5.87	≤11.00	PASS
	total	5580	9.52	≤11.00	PASS
	Ant5	5700	6.9	≤11.00	PASS
	Ant4	5700	6.13	≤11.00	PASS
	total	5700	9.54	≤11.00	PASS
	Ant5	5720_UNII-2C	6.92	≤11.00	PASS
	Ant4	5720_UNII-2C	6.28	≤11.00	PASS
	total	5720_UNII-2C	9.62	≤11.00	PASS
	Ant5	5720_UNII-3	3.74	≤30.00	PASS
	Ant4	5720_UNII-3	2.93	≤30.00	PASS
	total	5720_UNII-3	6.36	≤30.00	PASS
	Ant5	5745	5.15	≤30.00	PASS
	Ant4	5745	4.26	≤30.00	PASS
	total	5745	7.74	≤30.00	PASS
	Ant5	5785	4.95	≤30.00	PASS
	Ant4	5785	3.73	≤30.00	PASS
	total	5785	7.39	≤30.00	PASS
	Ant5	5825	4.78	≤30.00	PASS
	Ant4	5825	4.02	≤30.00	PASS
	total	5825	7.43	≤30.00	PASS



11AX20MIMO	Ant5	5180	6.99	≤11.00	PASS
	Ant4	5180	6.52	≤11.00	PASS
	total	5180	9.77	≤11.00	PASS
	Ant5	5220	6.87	≤11.00	PASS
	Ant4	5220	6.57	≤11.00	PASS
	total	5220	9.73	≤11.00	PASS
	Ant5	5240	6.95	≤11.00	PASS
	Ant4	5240	6.39	≤11.00	PASS
	total	5240	9.69	≤11.00	PASS
	Ant5	5260	6.92	≤11.00	PASS
	Ant4	5260	6.7	≤11.00	PASS
	total	5260	9.82	≤11.00	PASS
	Ant5	5300	7.15	≤11.00	PASS
	Ant4	5300	6.67	≤11.00	PASS
	total	5300	9.93	≤11.00	PASS
	Ant5	5320	6.62	≤11.00	PASS
	Ant4	5320	6.19	≤11.00	PASS
	total	5320	9.42	≤11.00	PASS
	Ant5	5500	6.97	≤11.00	PASS
	Ant4	5500	6.14	≤11.00	PASS
	total	5500	9.59	≤11.00	PASS
	Ant5	5580	7.49	≤11.00	PASS
	Ant4	5580	6.36	≤11.00	PASS
	total	5580	9.97	≤11.00	PASS
	Ant5	5700	6.34	≤11.00	PASS
	Ant4	5700	5.62	≤11.00	PASS
	total	5700	9.01	≤11.00	PASS
	Ant5	5720_UNII-2C	6.81	≤11.00	PASS
	Ant4	5720_UNII-2C	6.11	≤11.00	PASS
	total	5720_UNII-2C	9.48	≤11.00	PASS
	Ant5	5720_UNII-3	3.55	≤30.00	PASS
	Ant4	5720_UNII-3	2.91	≤30.00	PASS
	total	5720_UNII-3	6.25	≤30.00	PASS
Ant5	5745	4.49	≤30.00	PASS	
Ant4	5745	3.69	≤30.00	PASS	
total	5745	7.12	≤30.00	PASS	
Ant5	5785	4.35	≤30.00	PASS	
Ant4	5785	3.12	≤30.00	PASS	
total	5785	6.79	≤30.00	PASS	
Ant5	5825	4.14	≤30.00	PASS	
Ant4	5825	3.26	≤30.00	PASS	
total	5825	6.73	≤30.00	PASS	
11AX40MIMO	Ant5	5190	2.42	≤11.00	PASS
	Ant4	5190	2.09	≤11.00	PASS
	total	5190	5.27	≤11.00	PASS
	Ant5	5230	3.92	≤11.00	PASS
	Ant4	5230	3.55	≤11.00	PASS
	total	5230	6.75	≤11.00	PASS



	Ant5	5270	4.19	≤11.00	PASS
	Ant4	5270	3.69	≤11.00	PASS
	total	5270	6.96	≤11.00	PASS
	Ant5	5310	3.29	≤11.00	PASS
	Ant4	5310	2.66	≤11.00	PASS
	total	5310	6.00	≤11.00	PASS
	Ant5	5510	2.8	≤11.00	PASS
	Ant4	5510	1.39	≤11.00	PASS
	total	5510	5.16	≤11.00	PASS
	Ant5	5550	5.05	≤11.00	PASS
	Ant4	5550	3.3	≤11.00	PASS
	total	5550	7.27	≤11.00	PASS
	Ant5	5670	4.11	≤11.00	PASS
	Ant4	5670	3.24	≤11.00	PASS
	total	5670	6.71	≤11.00	PASS
	Ant5	5710_UNII-2C	4.76	≤11.00	PASS
	Ant4	5710_UNII-2C	3.77	≤11.00	PASS
	total	5710_UNII-2C	7.30	≤11.00	PASS
	Ant5	5710_UNII-3	0.99	≤30.00	PASS
	Ant4	5710_UNII-3	-0.05	≤30.00	PASS
	total	5710_UNII-3	3.51	≤30.00	PASS
	Ant5	5755	1.69	≤30.00	PASS
	Ant4	5755	0.67	≤30.00	PASS
	total	5755	4.22	≤30.00	PASS
	Ant5	5795	1.89	≤30.00	PASS
	Ant4	5795	0.47	≤30.00	PASS
	total	5795	4.25	≤30.00	PASS
11AX80MIMO	Ant5	5210	-1.17	≤11.00	PASS
	Ant4	5210	-1.43	≤11.00	PASS
	total	5210	1.71	≤11.00	PASS
	Ant5	5290	-0.35	≤11.00	PASS
	Ant4	5290	-0.69	≤11.00	PASS
	total	5290	2.49	≤11.00	PASS
	Ant5	5530	-0.59	≤11.00	PASS
	Ant4	5530	-1.79	≤11.00	PASS
	total	5530	1.86	≤11.00	PASS
	Ant5	5610	1.68	≤11.00	PASS
	Ant4	5610	0.71	≤11.00	PASS
	total	5610	4.23	≤11.00	PASS
	Ant5	5690_UNII-2C	1.57	≤11.00	PASS
	Ant4	5690_UNII-2C	0.82	≤11.00	PASS
	total	5690_UNII-2C	4.22	≤11.00	PASS
	Ant5	5690_UNII-3	-2.6	≤30.00	PASS
	Ant4	5690_UNII-3	-3.48	≤30.00	PASS
	total	5690_UNII-3	-0.01	≤30.00	PASS
	Ant5	5775	-1.43	≤30.00	PASS
	Ant4	5775	-2.51	≤30.00	PASS
	total	5775	1.07	≤30.00	PASS



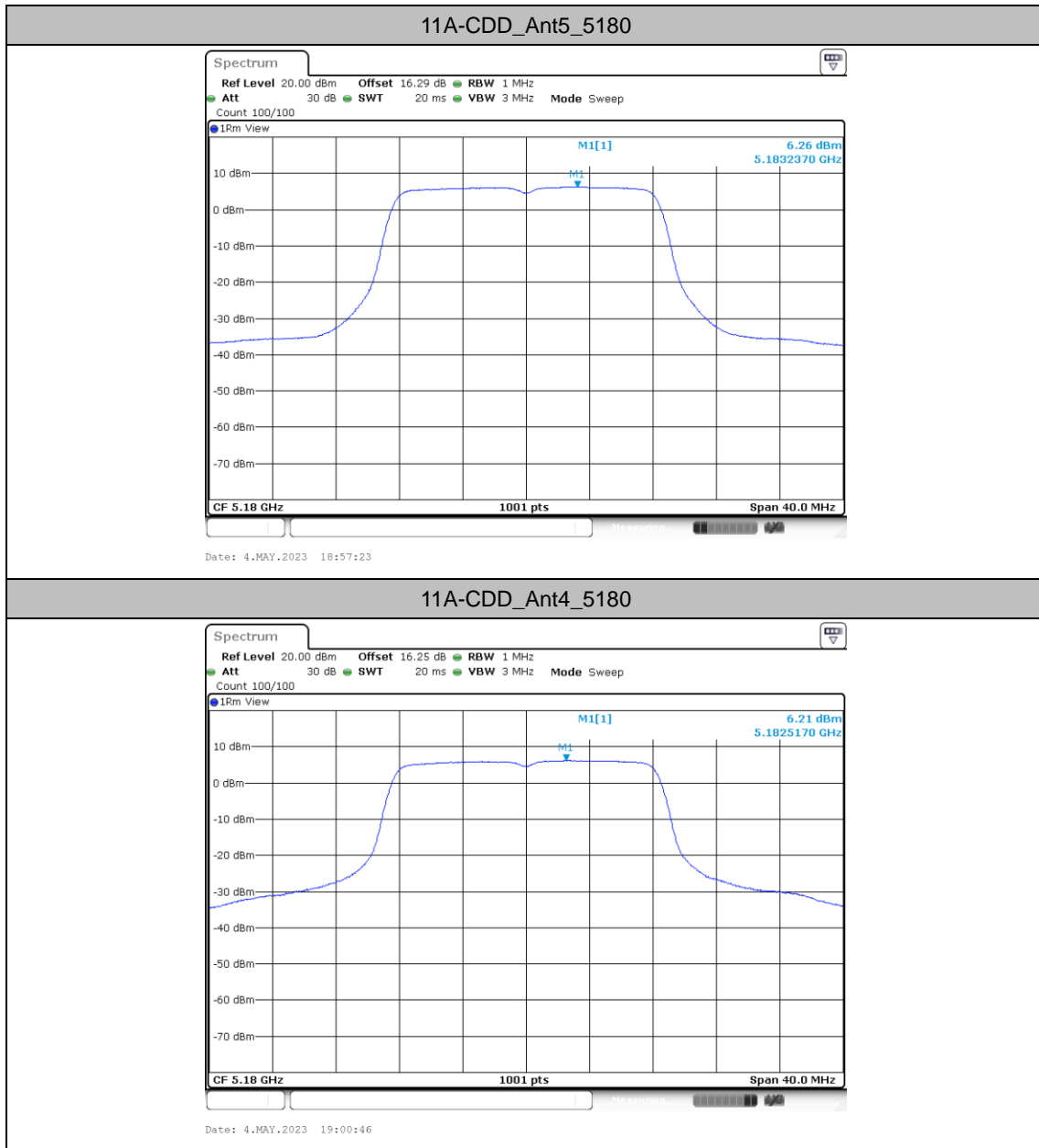
11AX160MIMO	Ant5	5250_UNII-1	-4.36	≤11.00	PASS
	Ant4	5250_UNII-1	-4.5	≤11.00	PASS
	total	5250_UNII-1	-1.42	≤11.00	PASS
	Ant5	5250_UNII-2A	-4.25	≤11.00	PASS
	Ant4	5250_UNII-2A	-4.53	≤11.00	PASS
	total	5250_UNII-2A	-1.38	≤11.00	PASS
	Ant5	5570	-3.82	≤11.00	PASS
	Ant4	5570	-4.62	≤11.00	PASS
	total	5570	-1.19	≤11.00	PASS

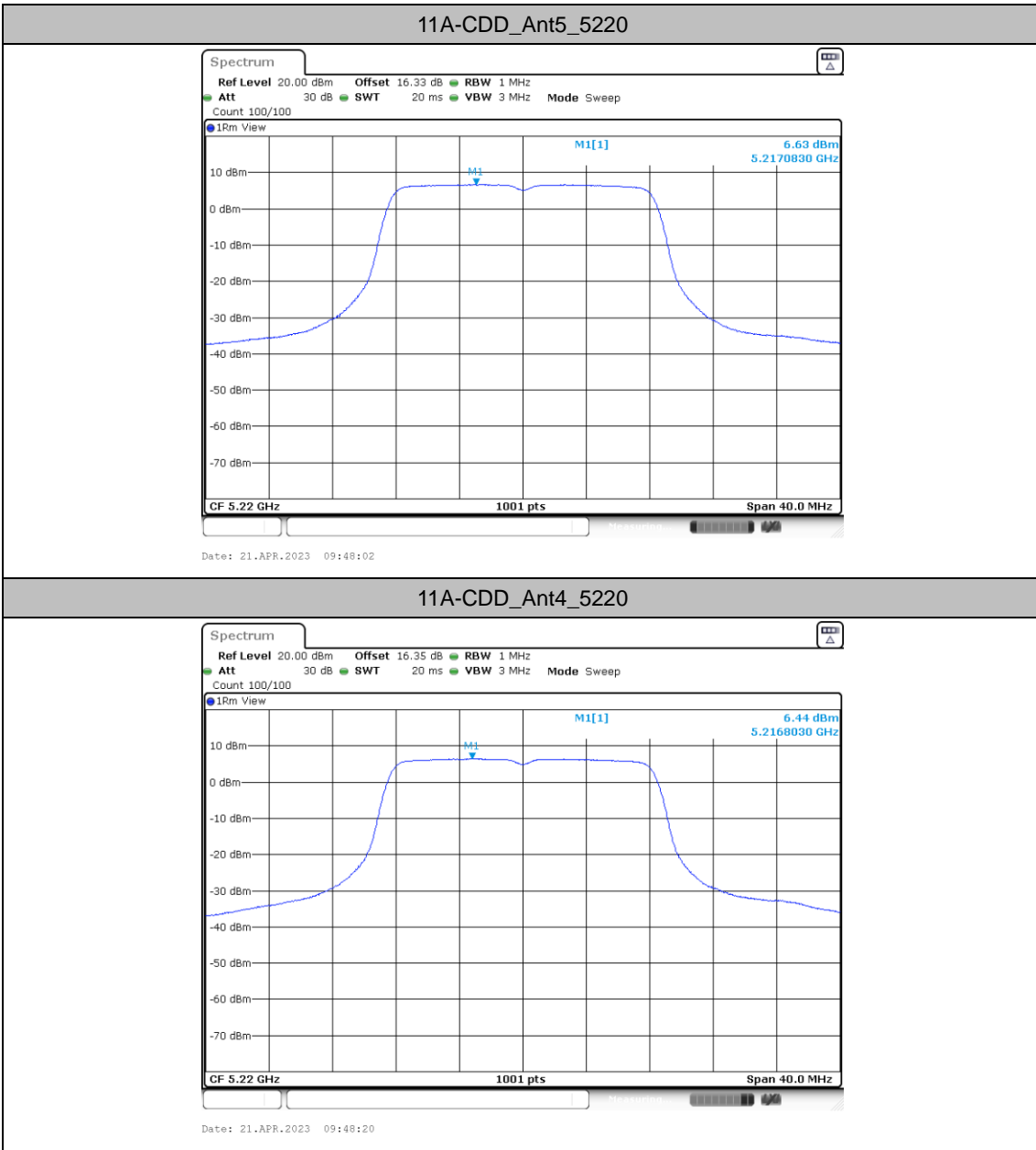
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

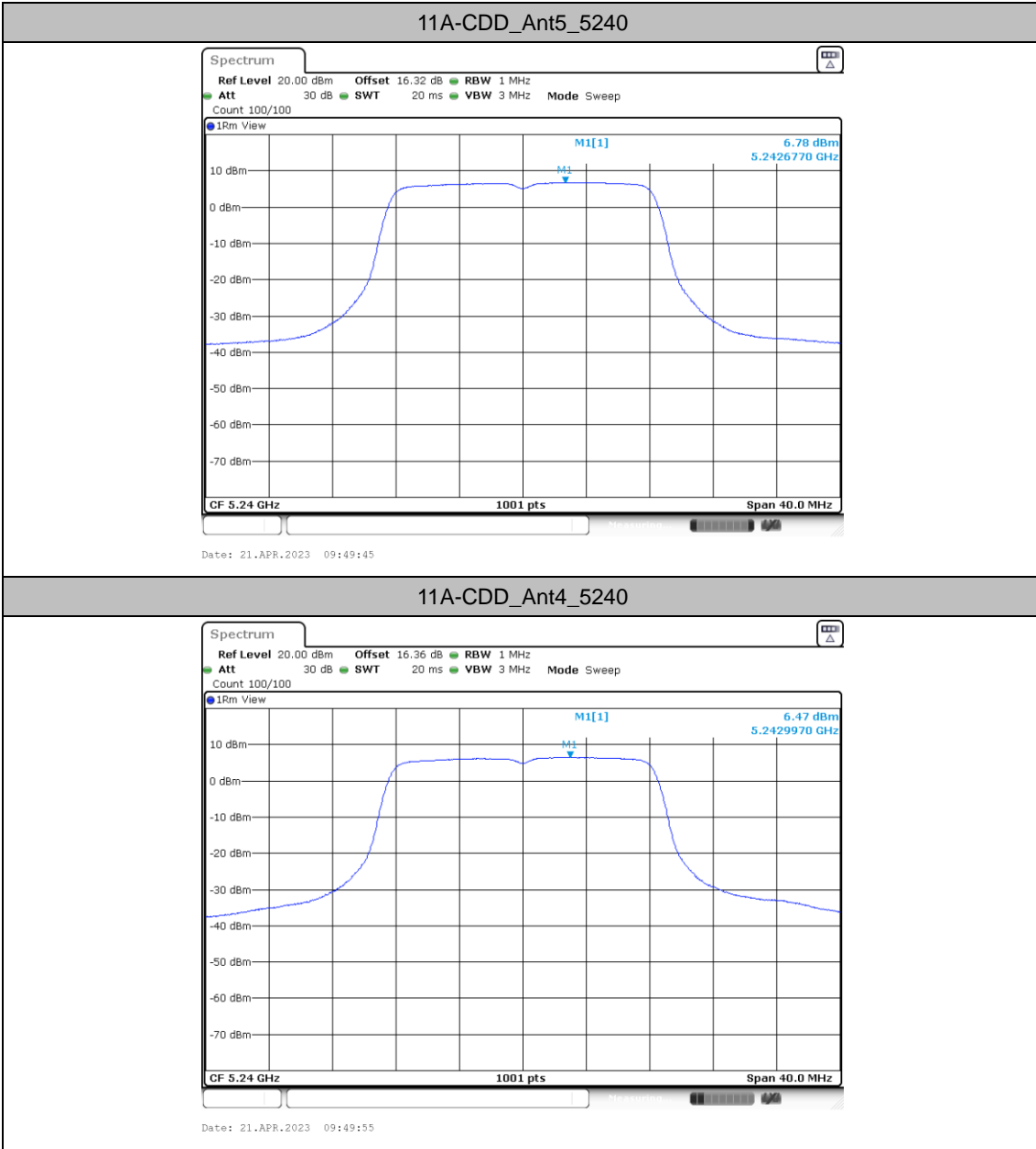
2.The Duty Cycle Factor and is compensated in the graph.

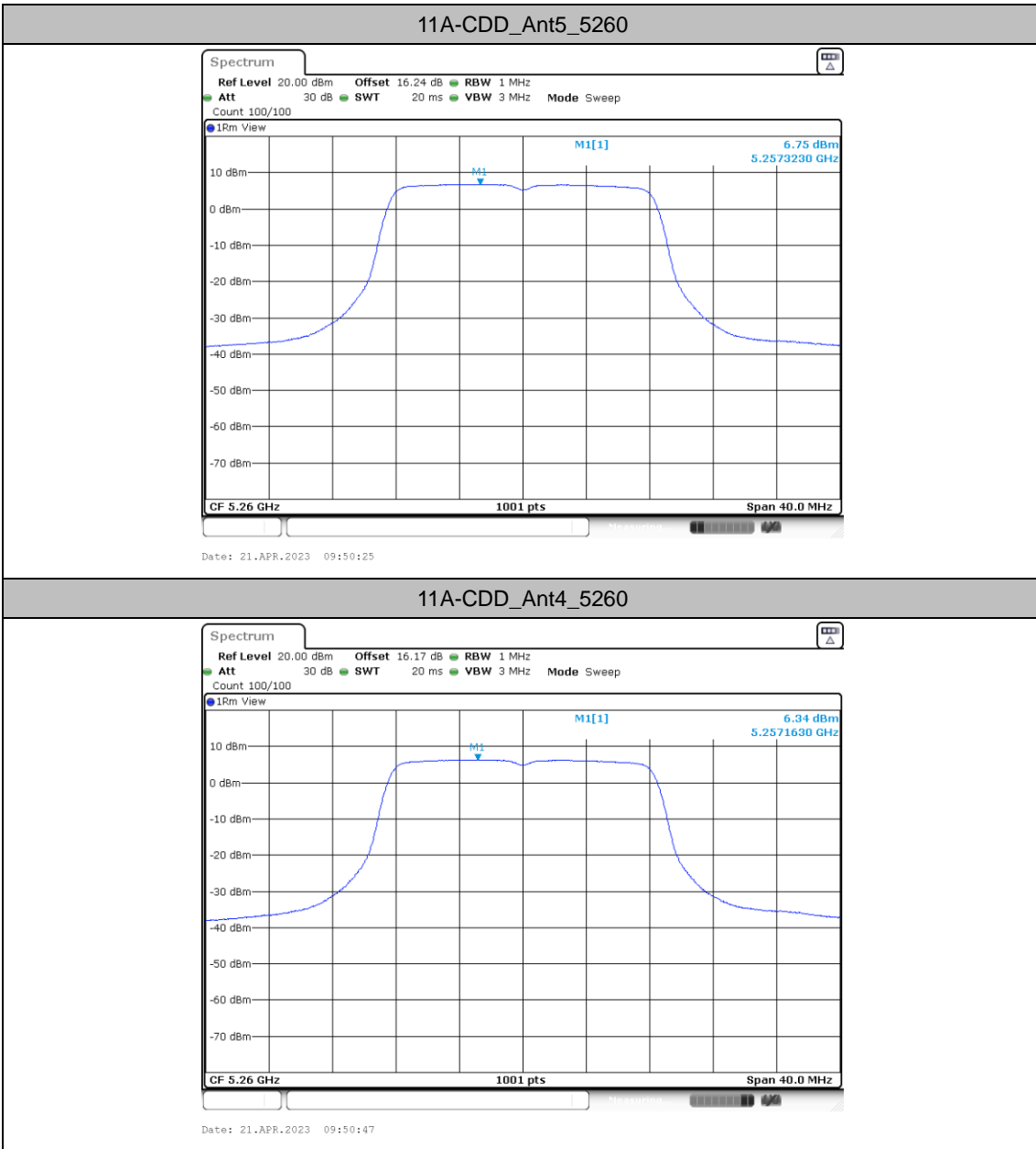


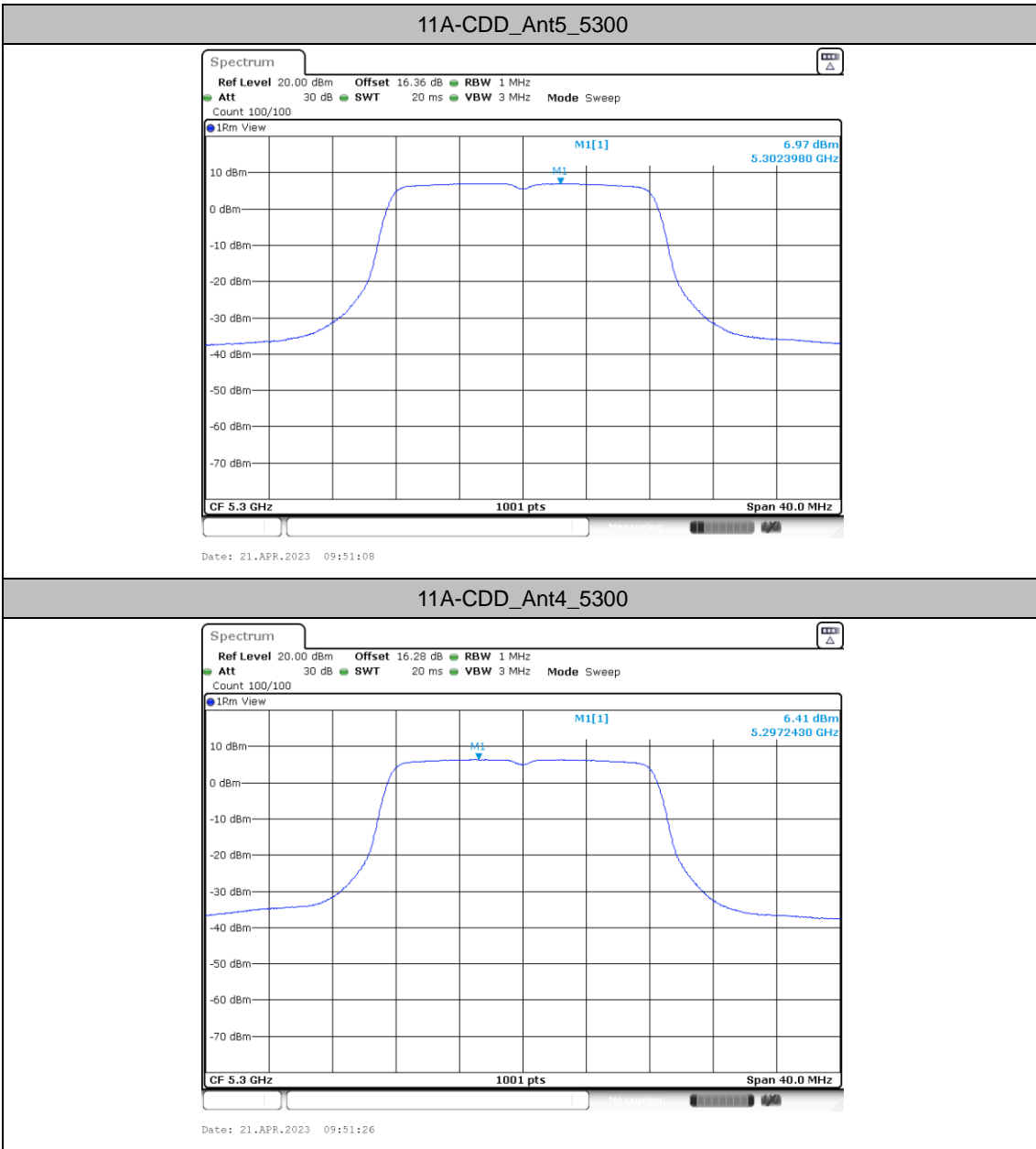
Test Graphs

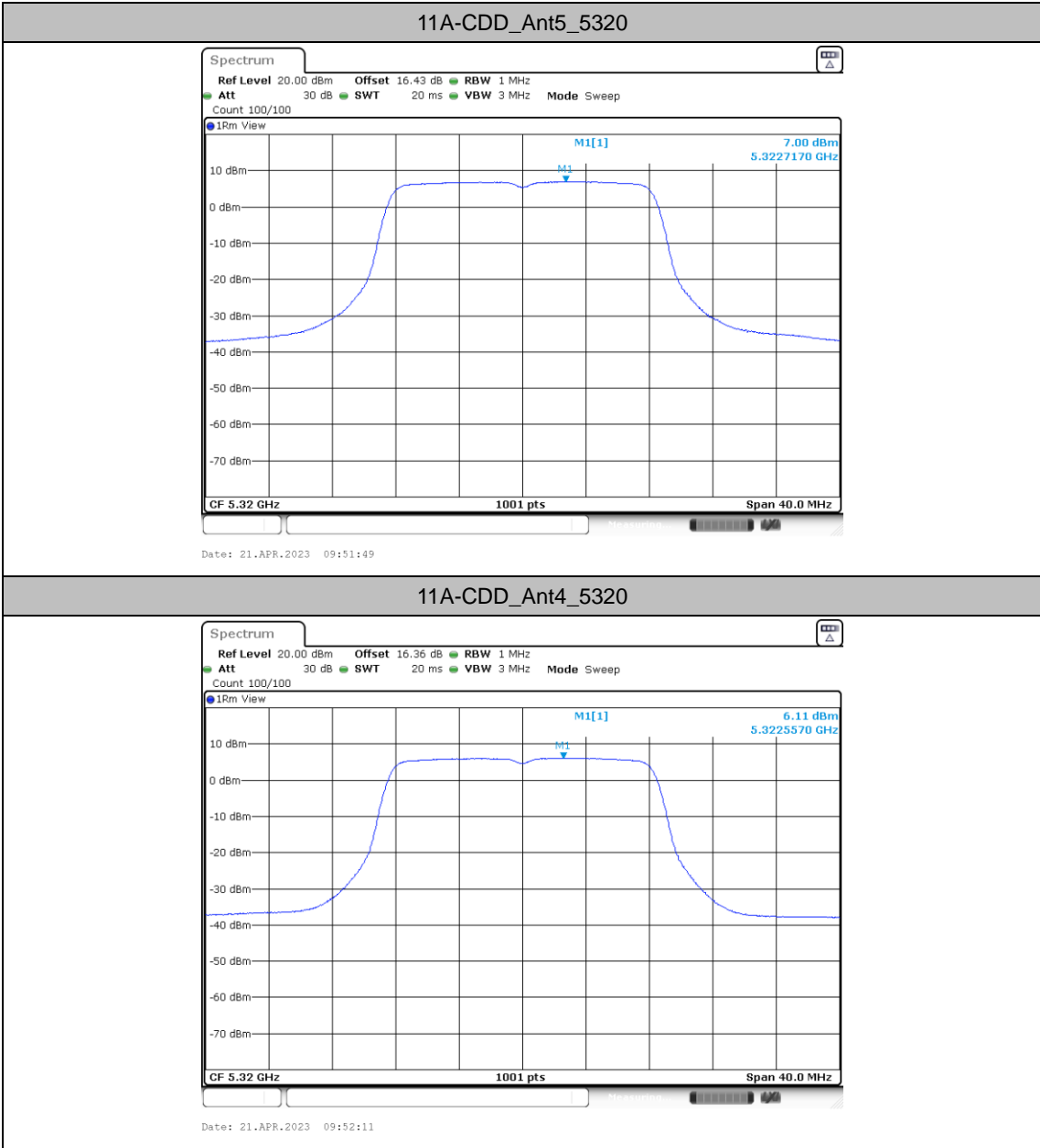


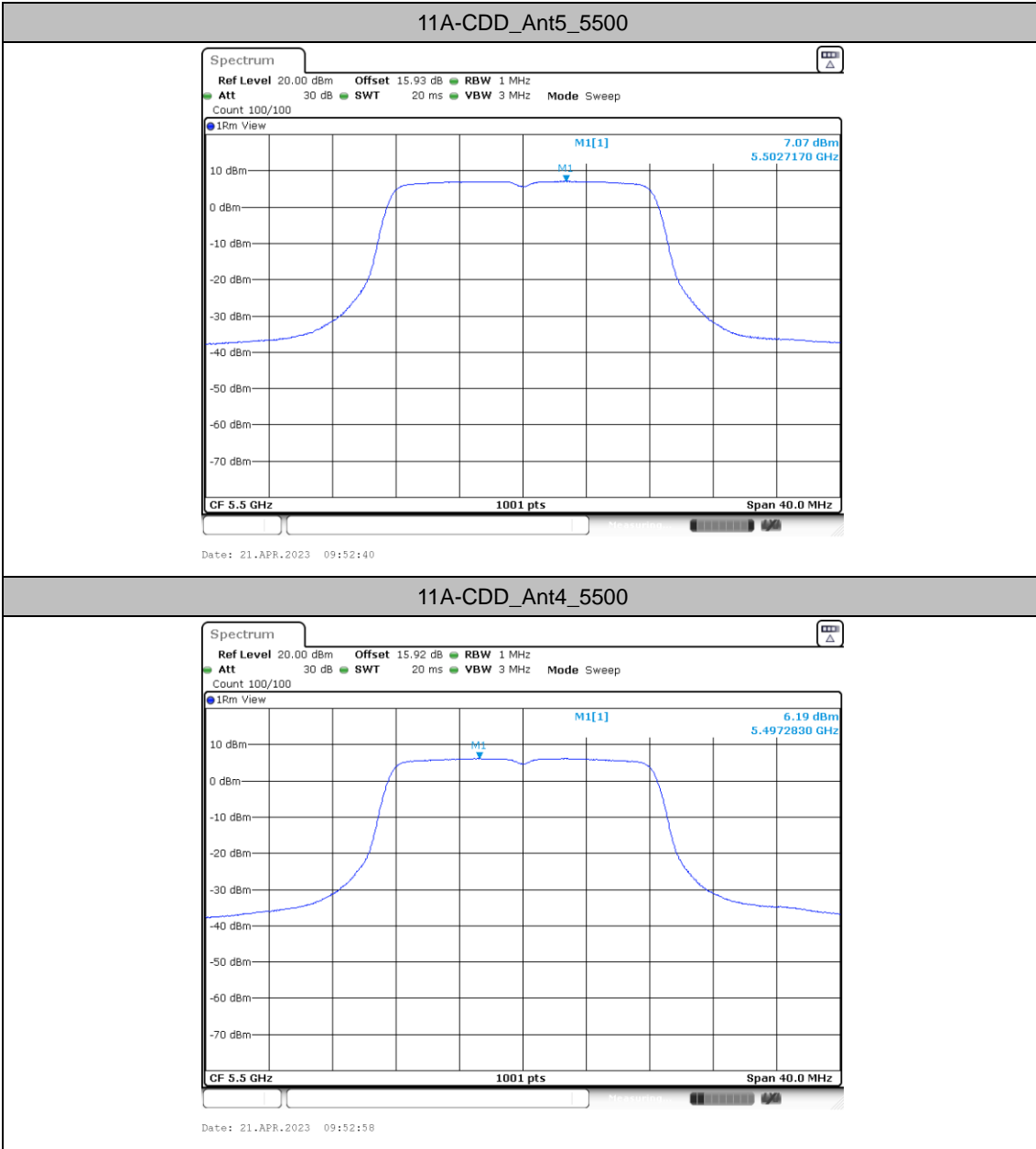


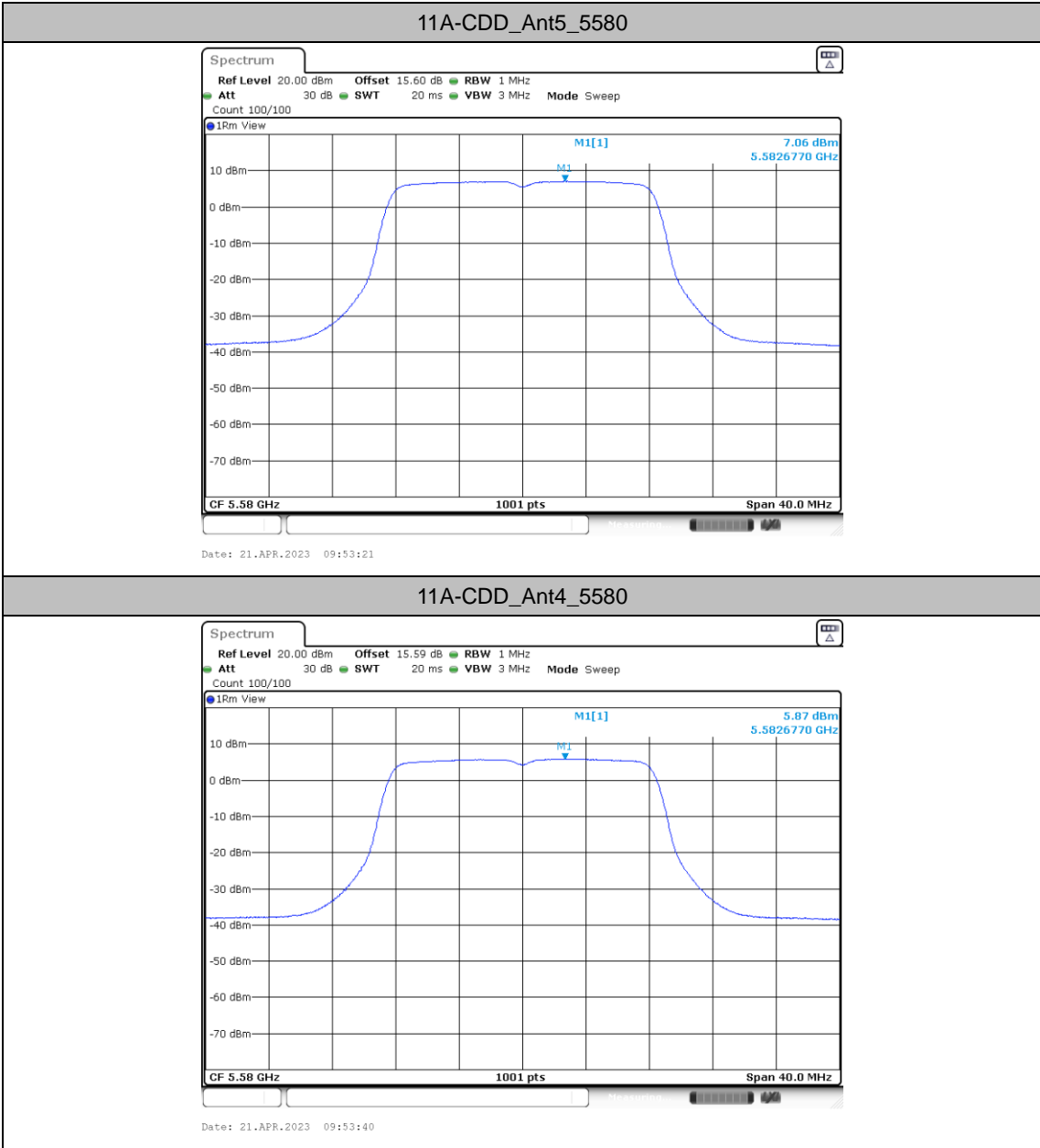


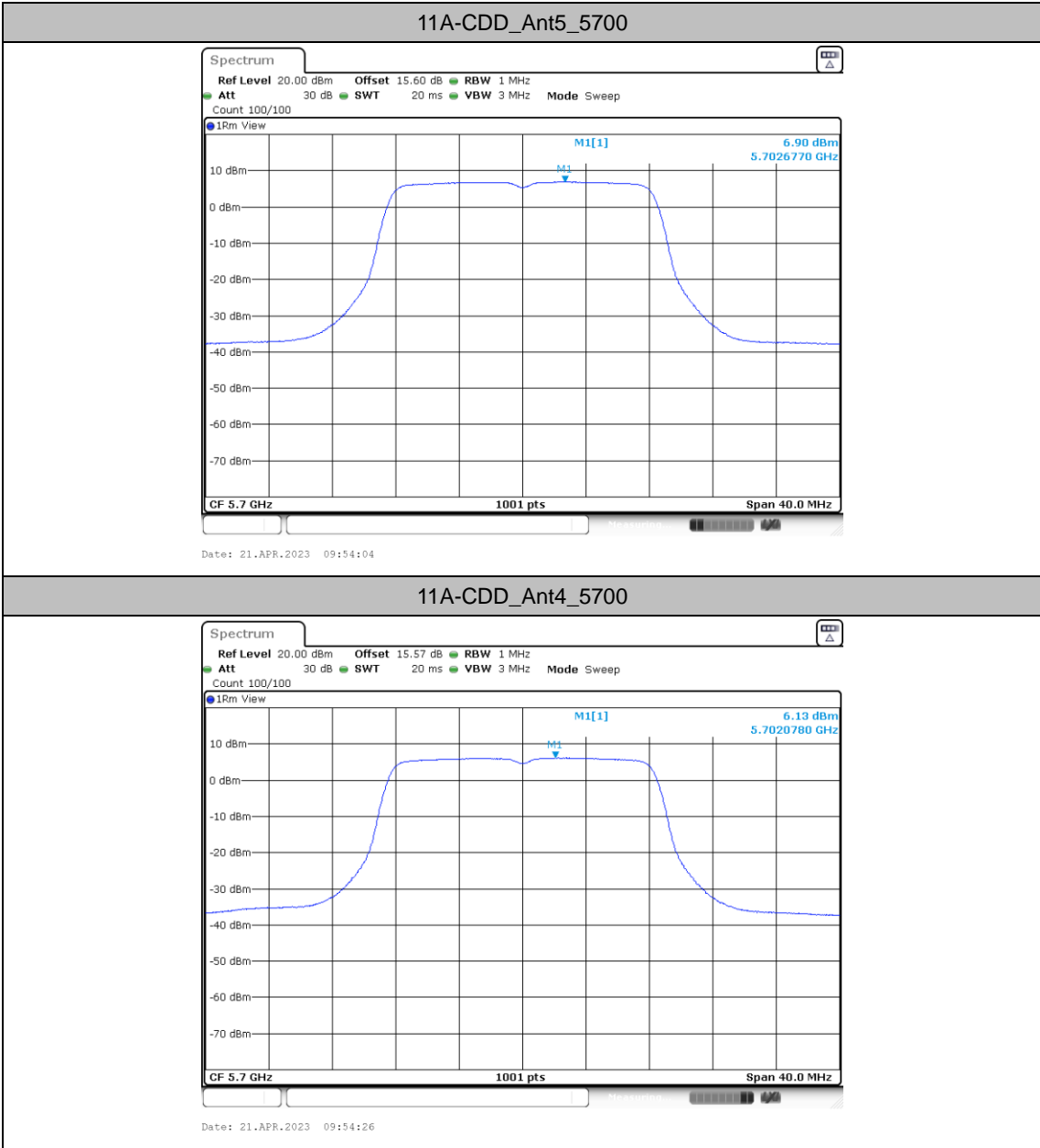


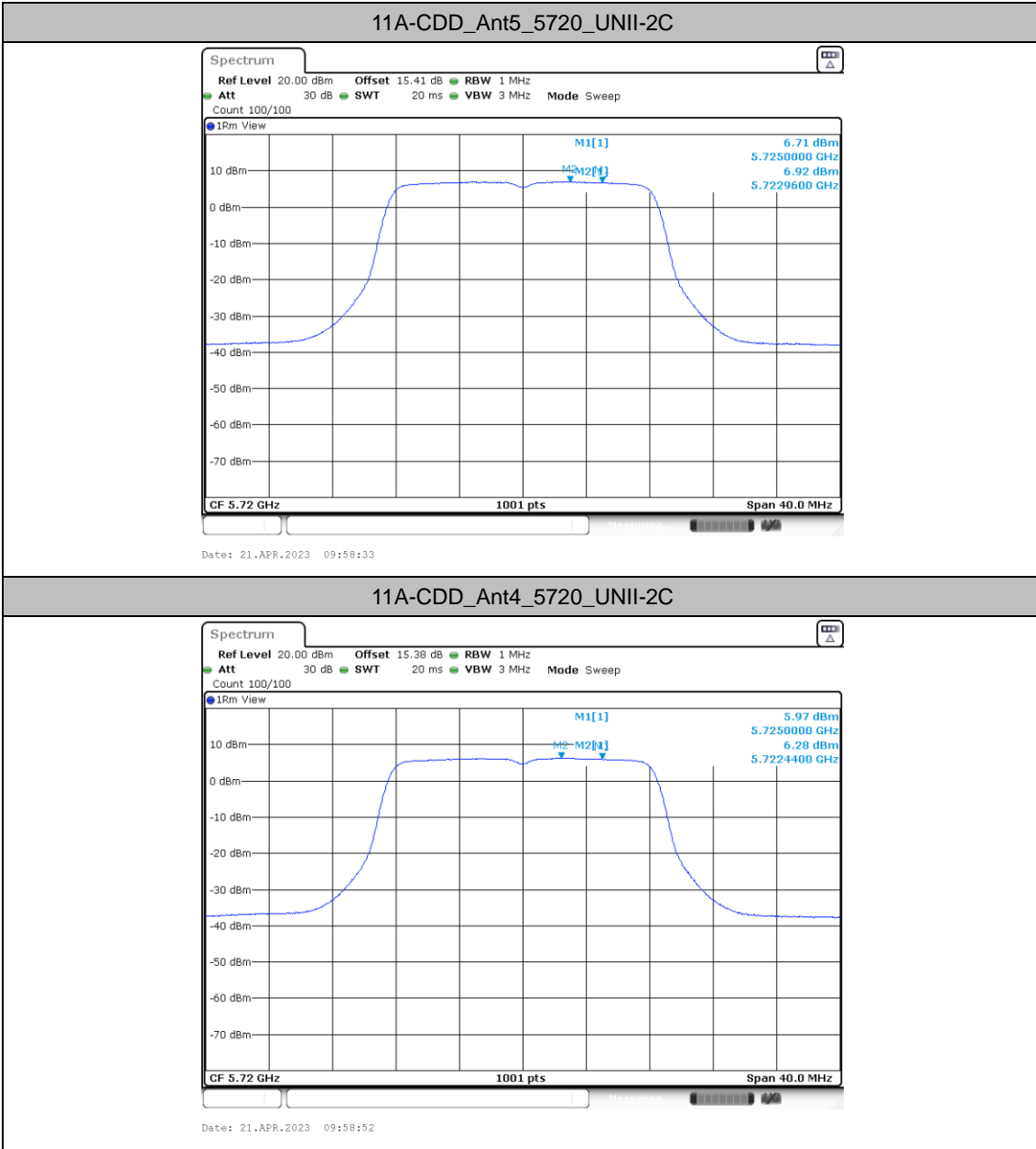


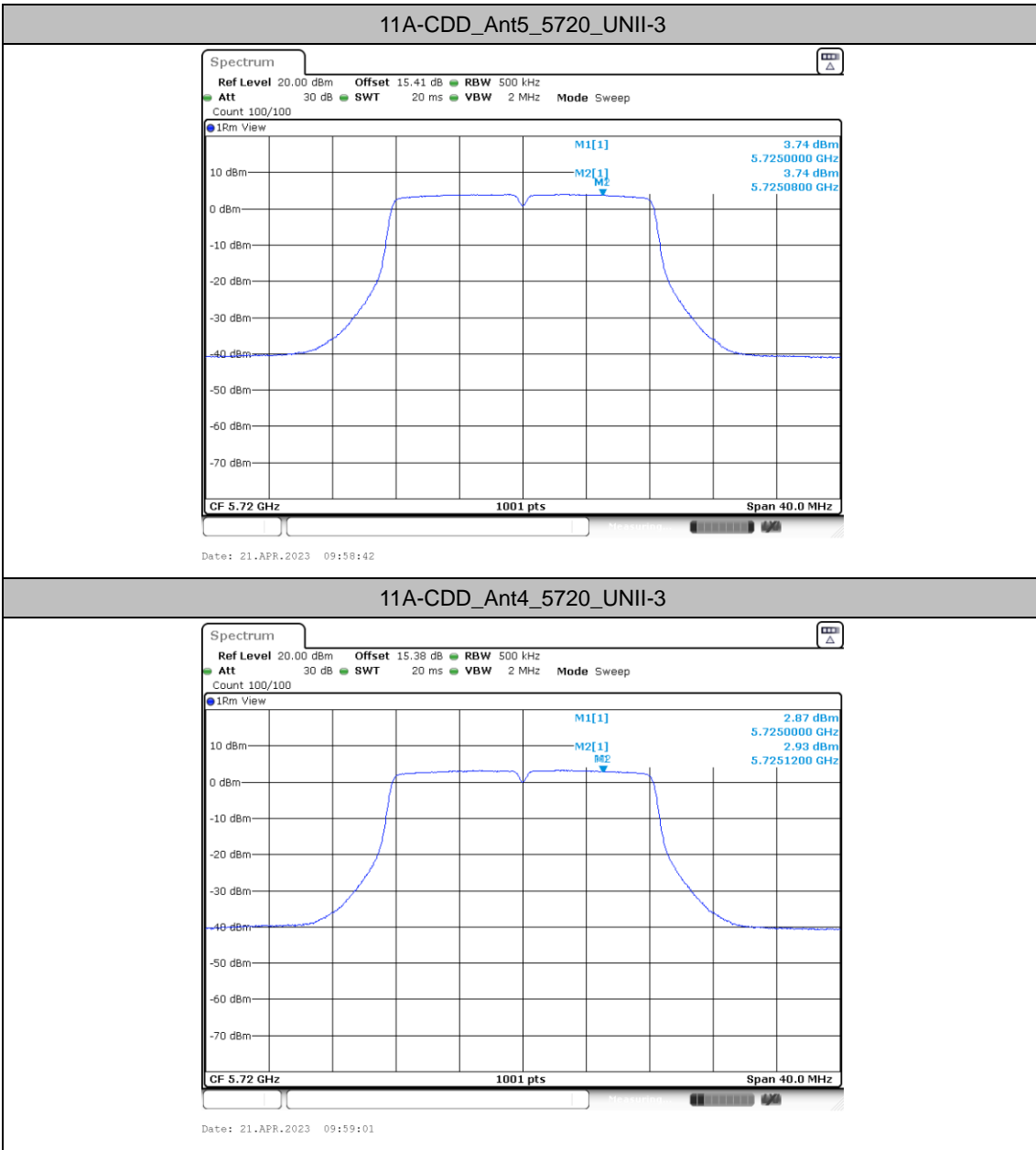


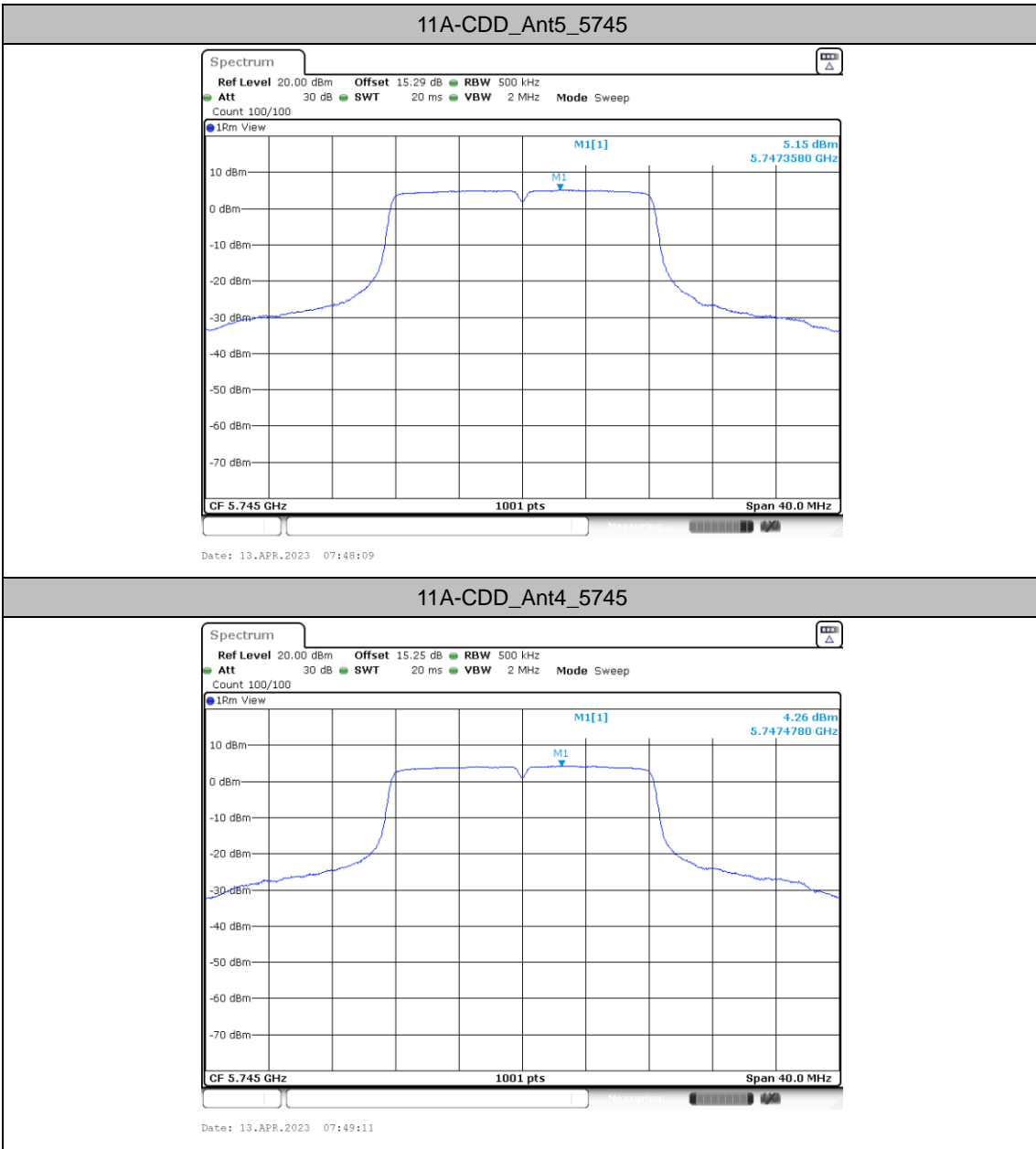


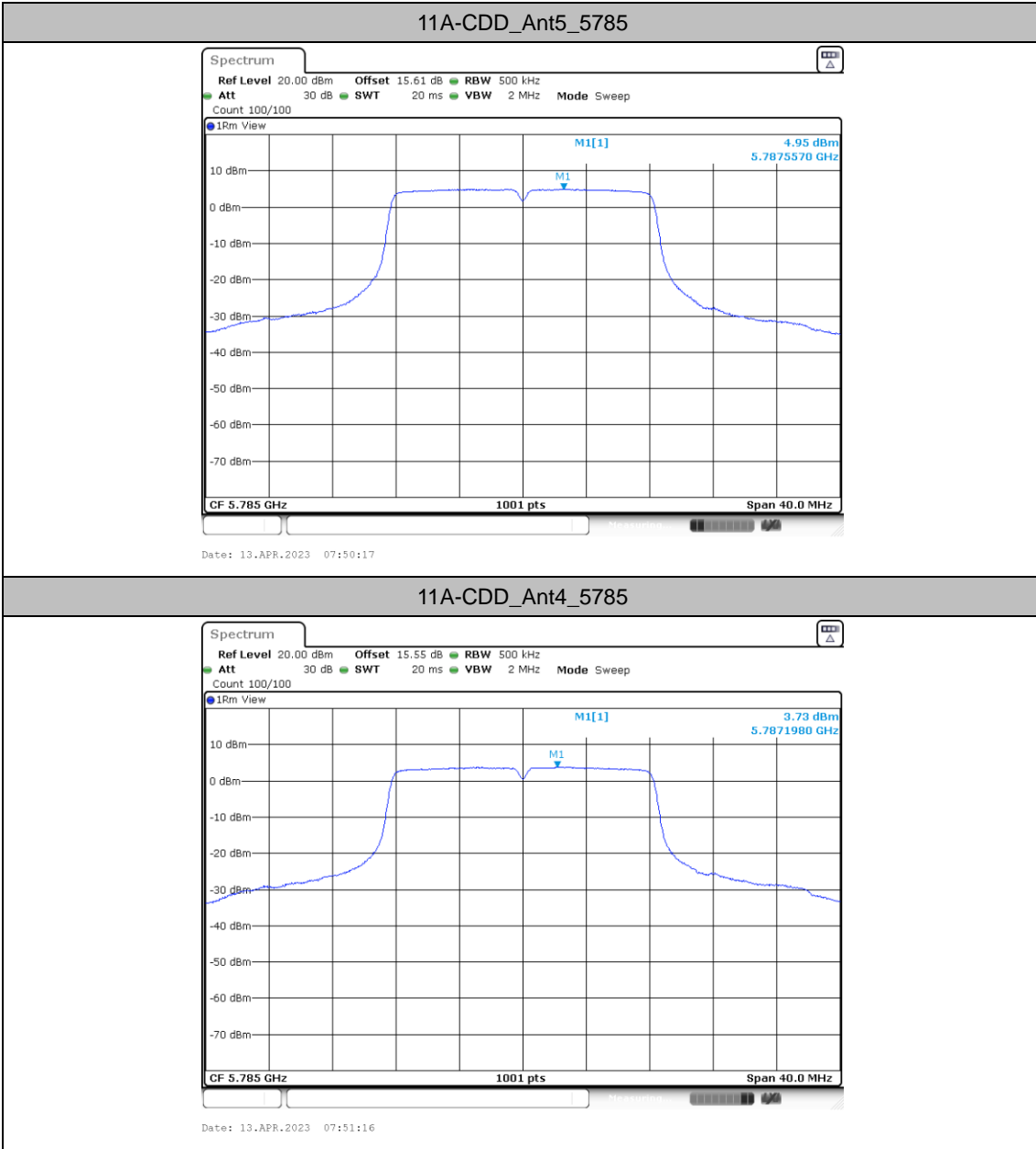


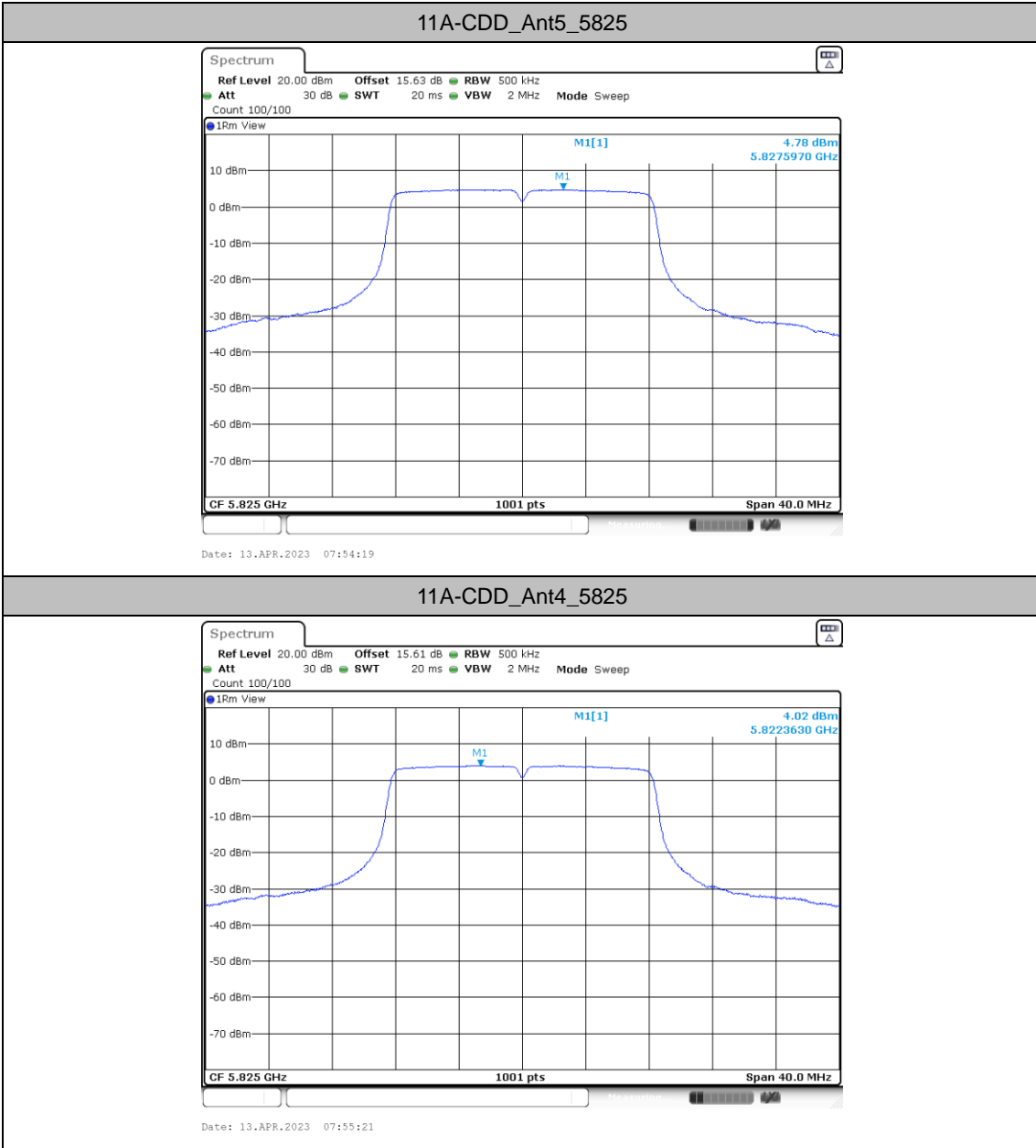


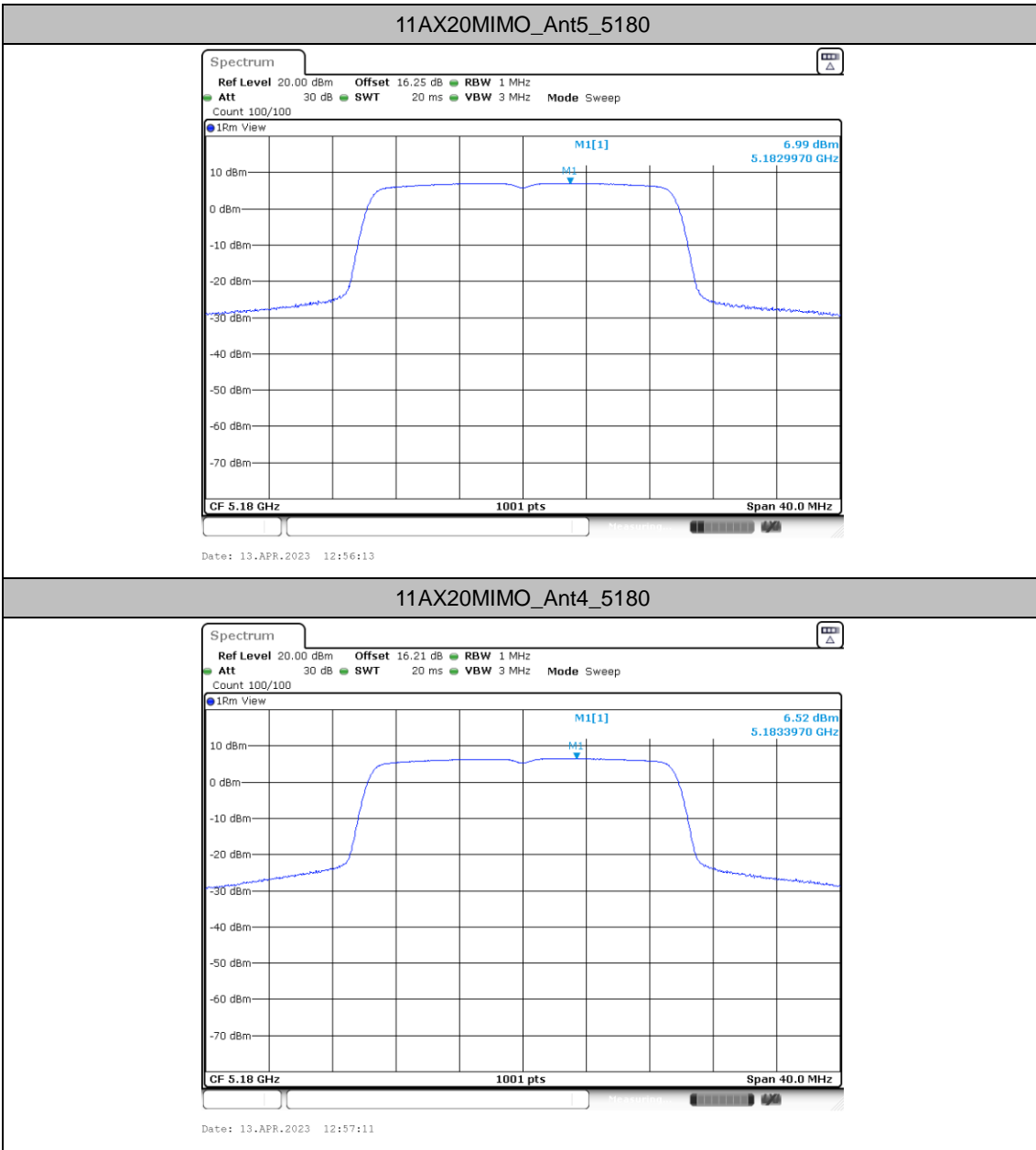


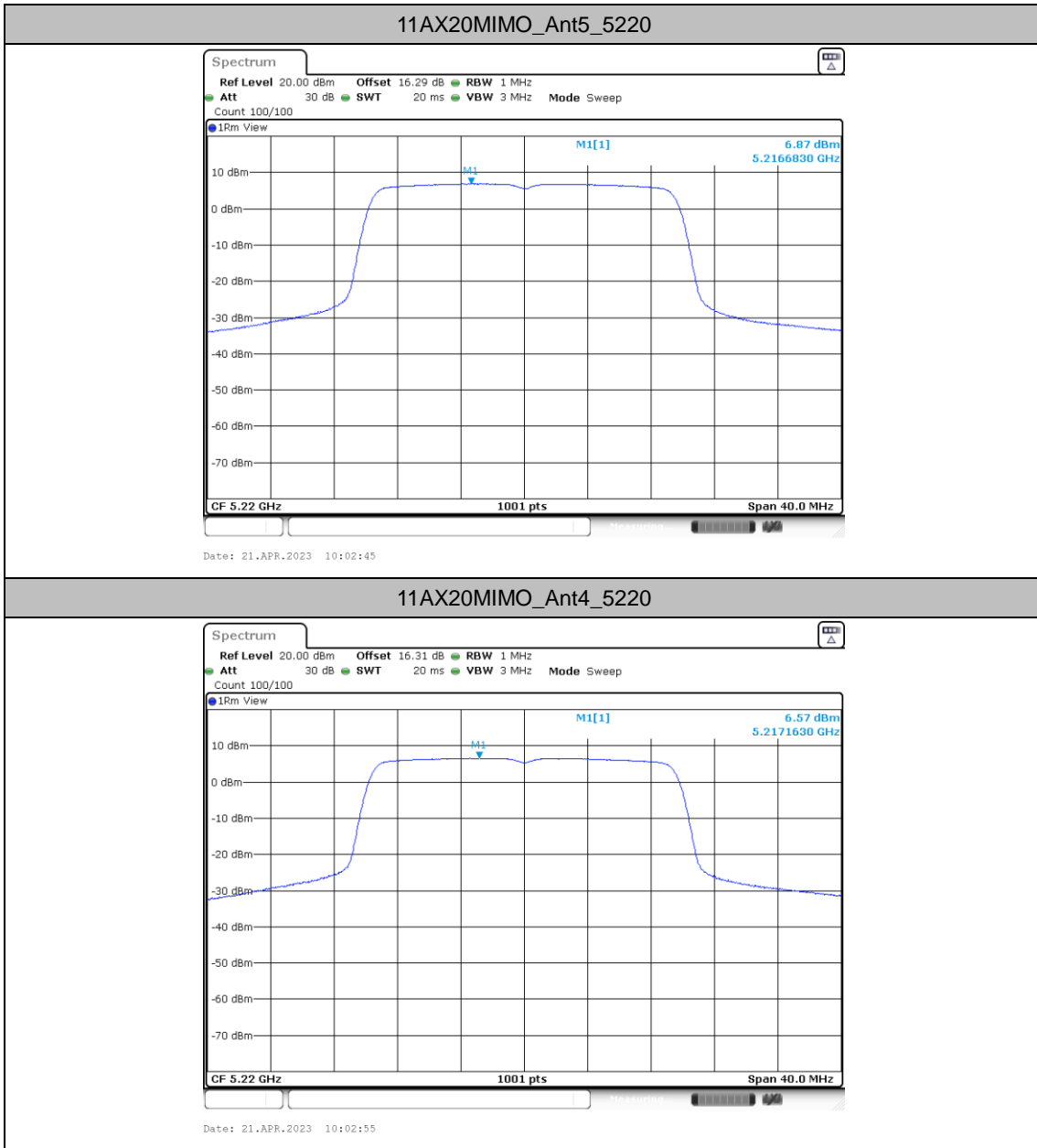


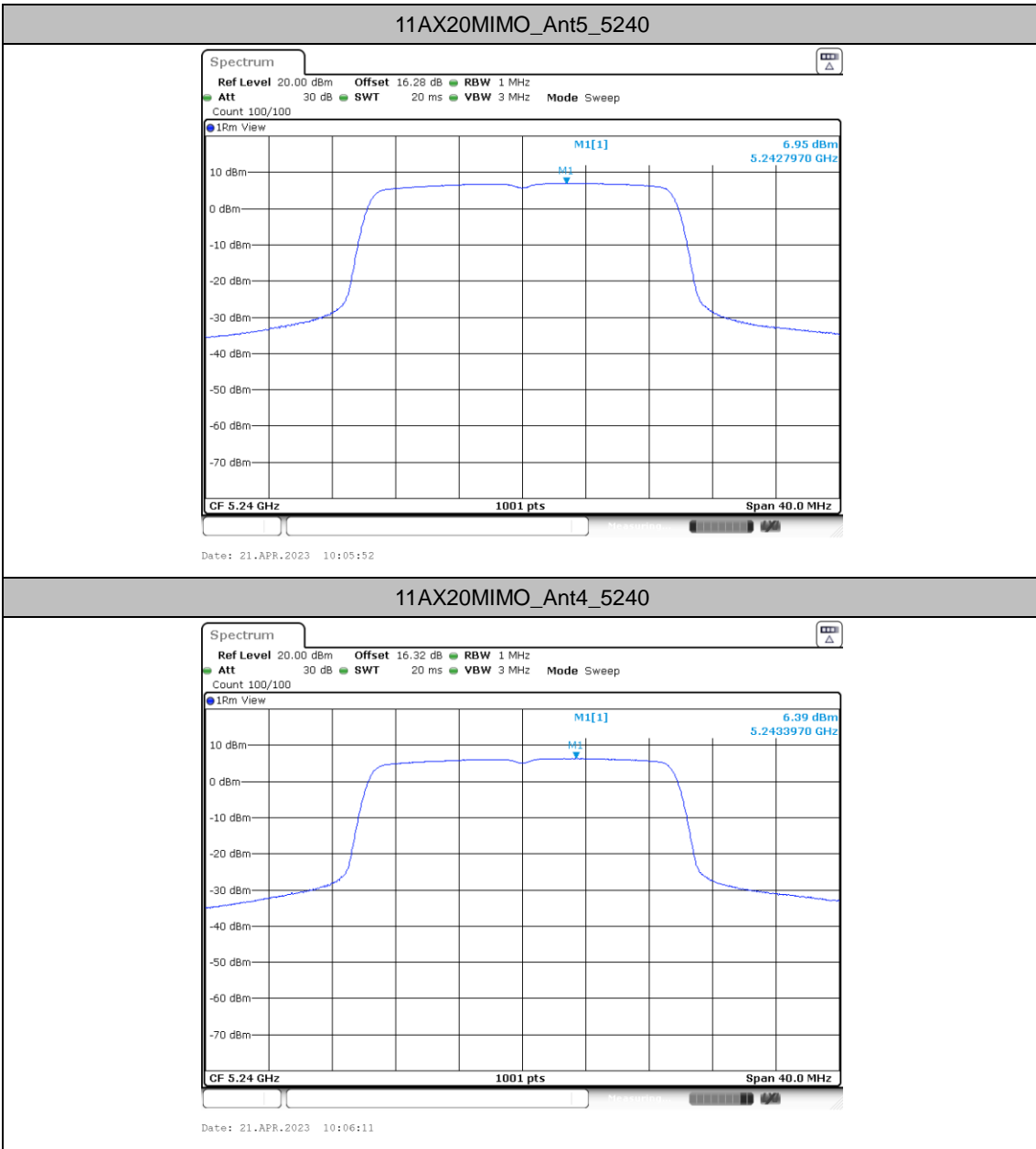


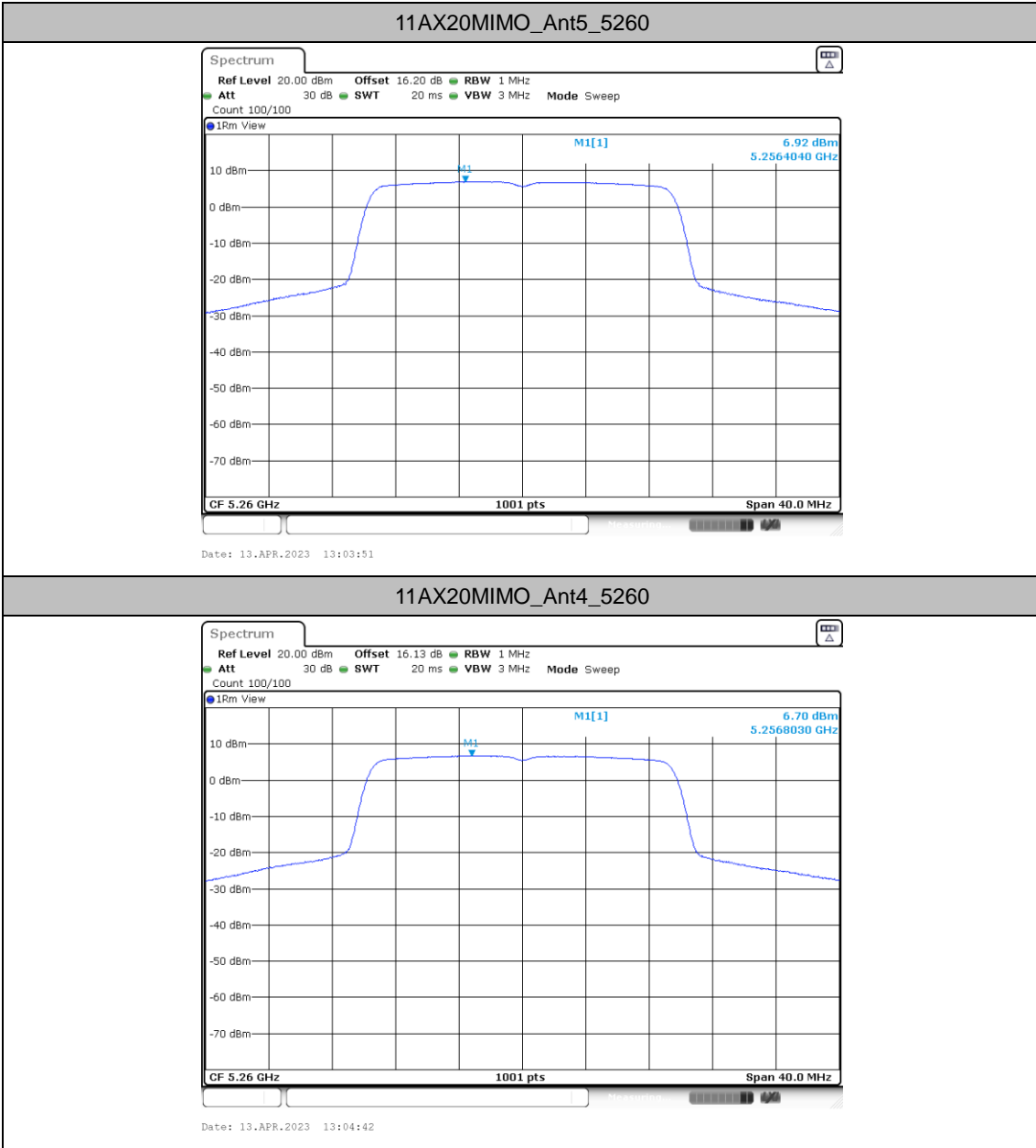


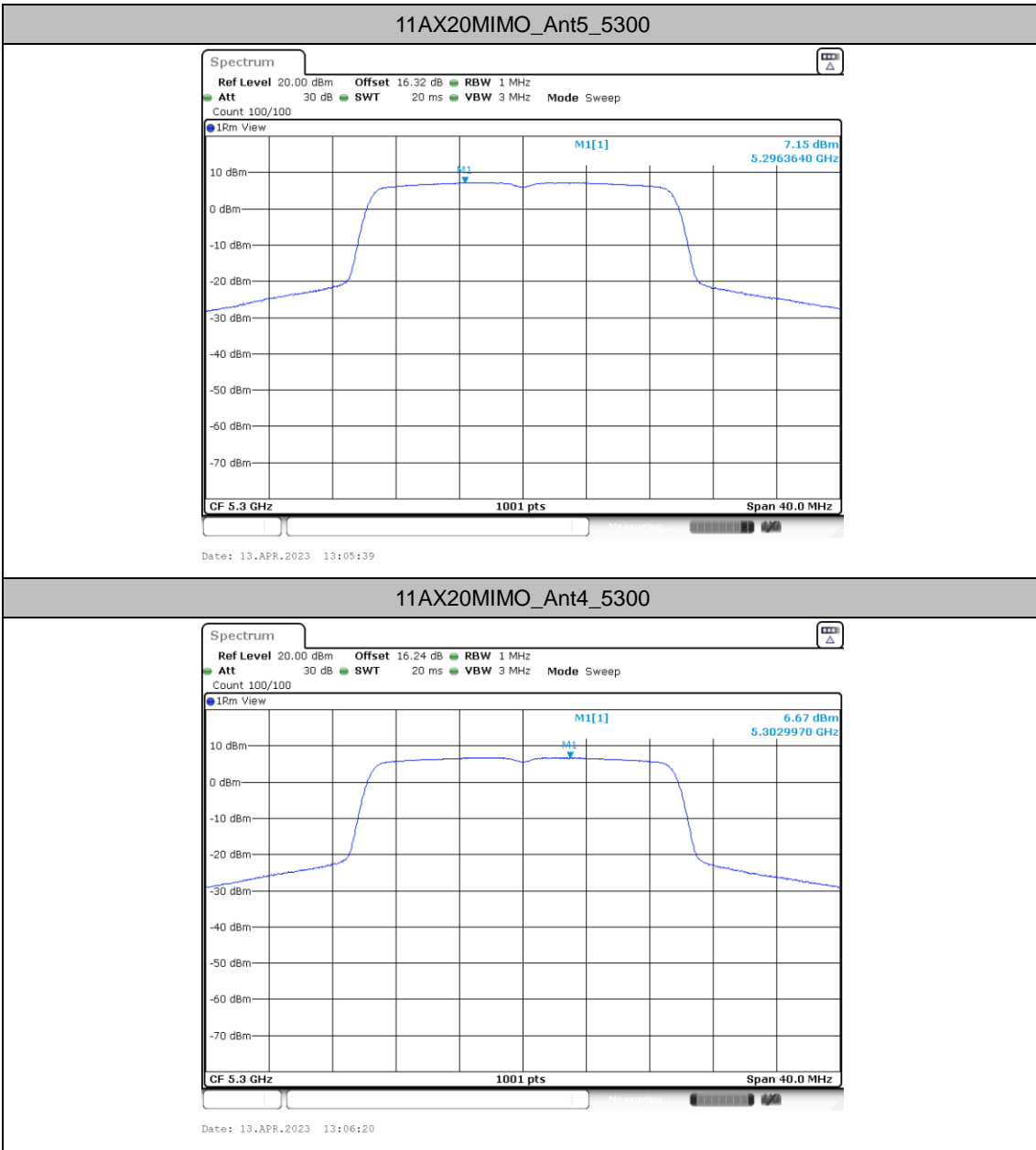


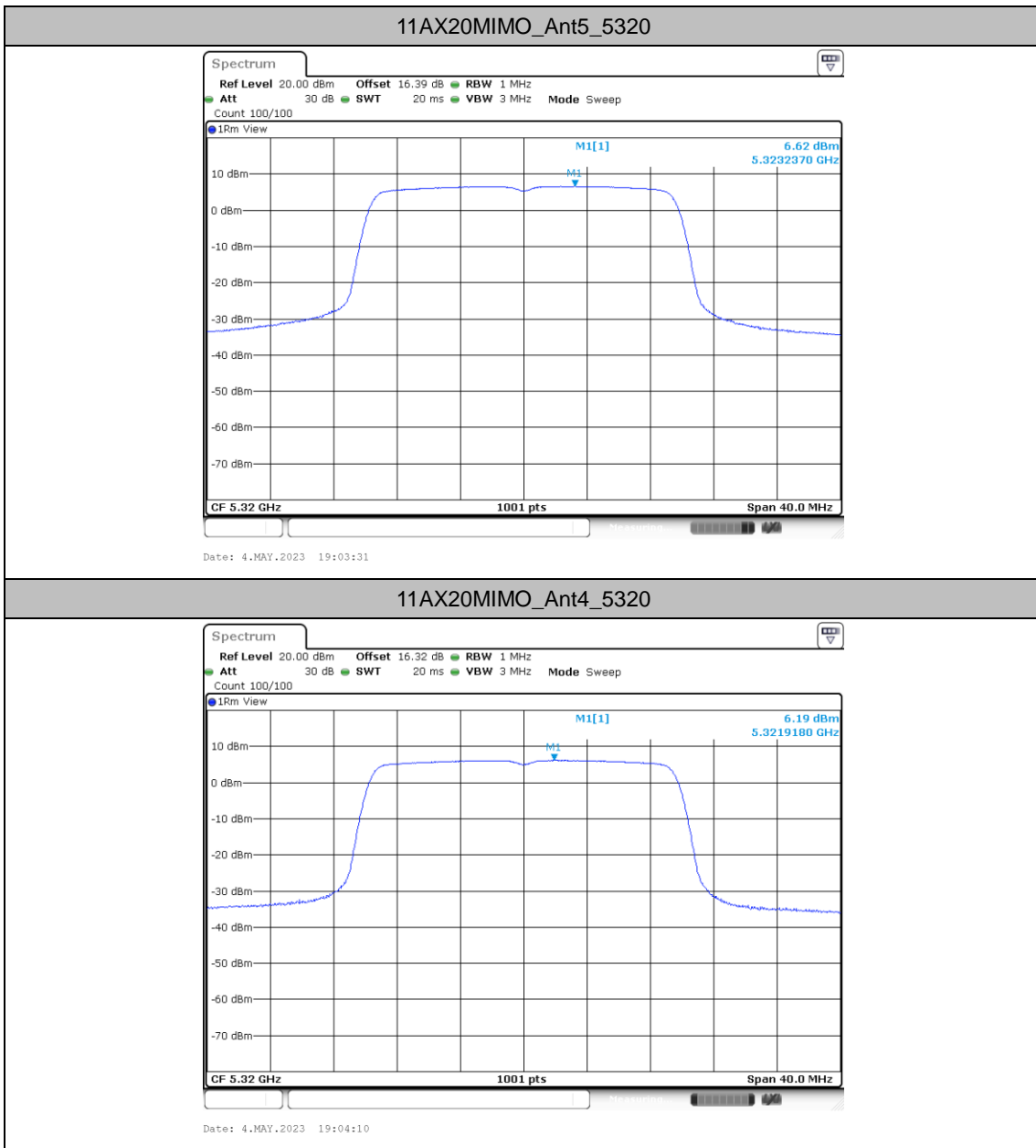


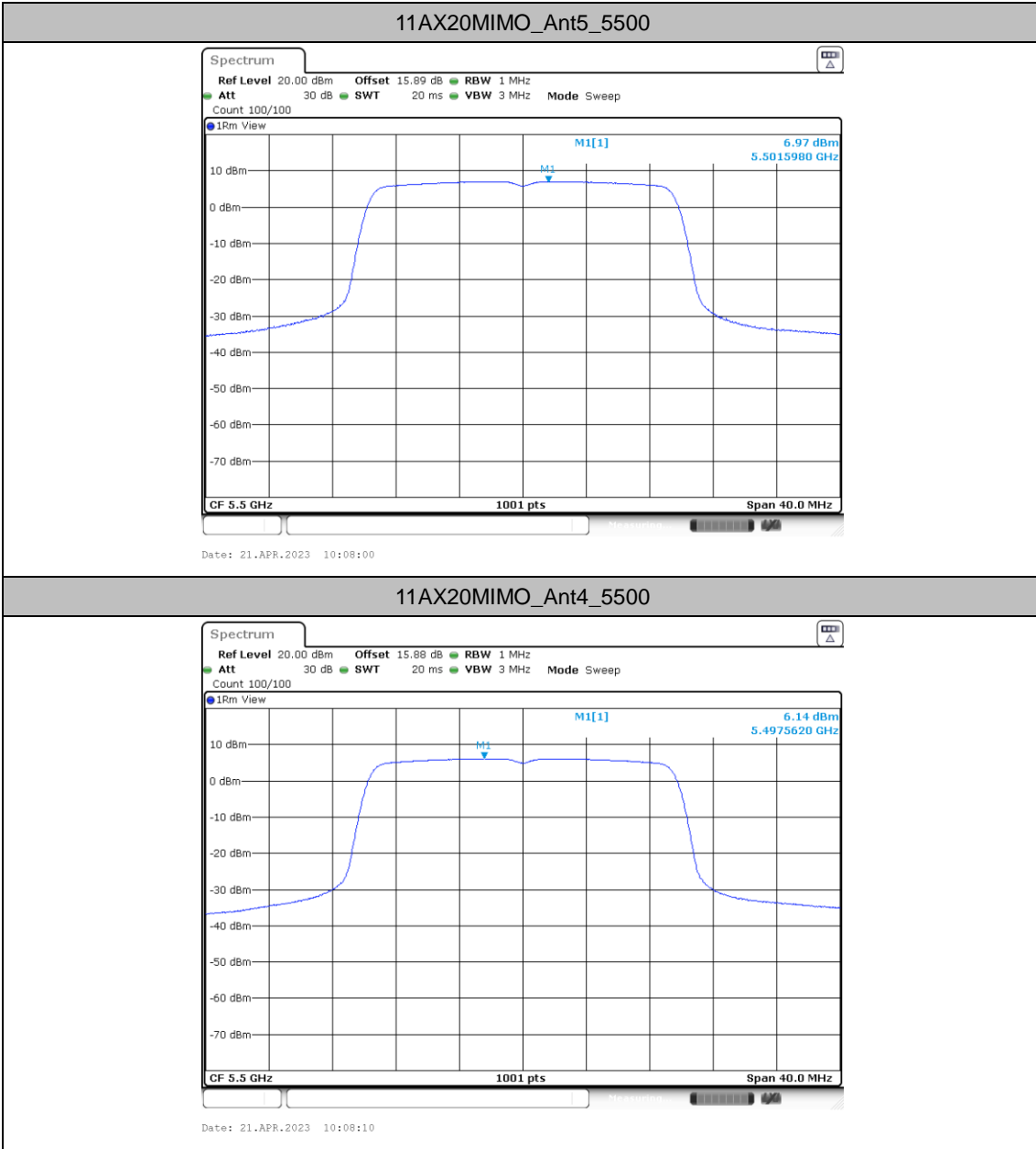


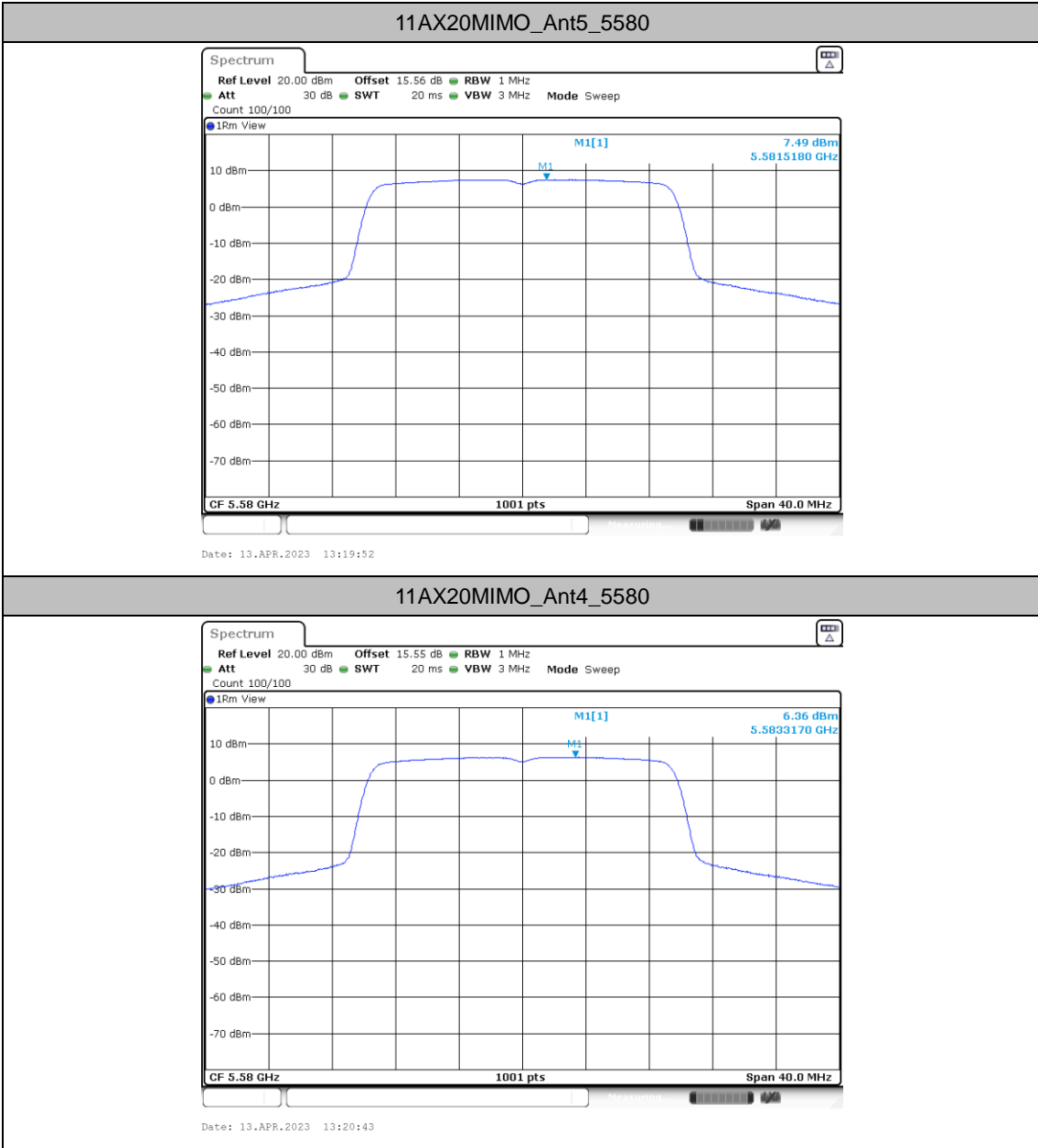


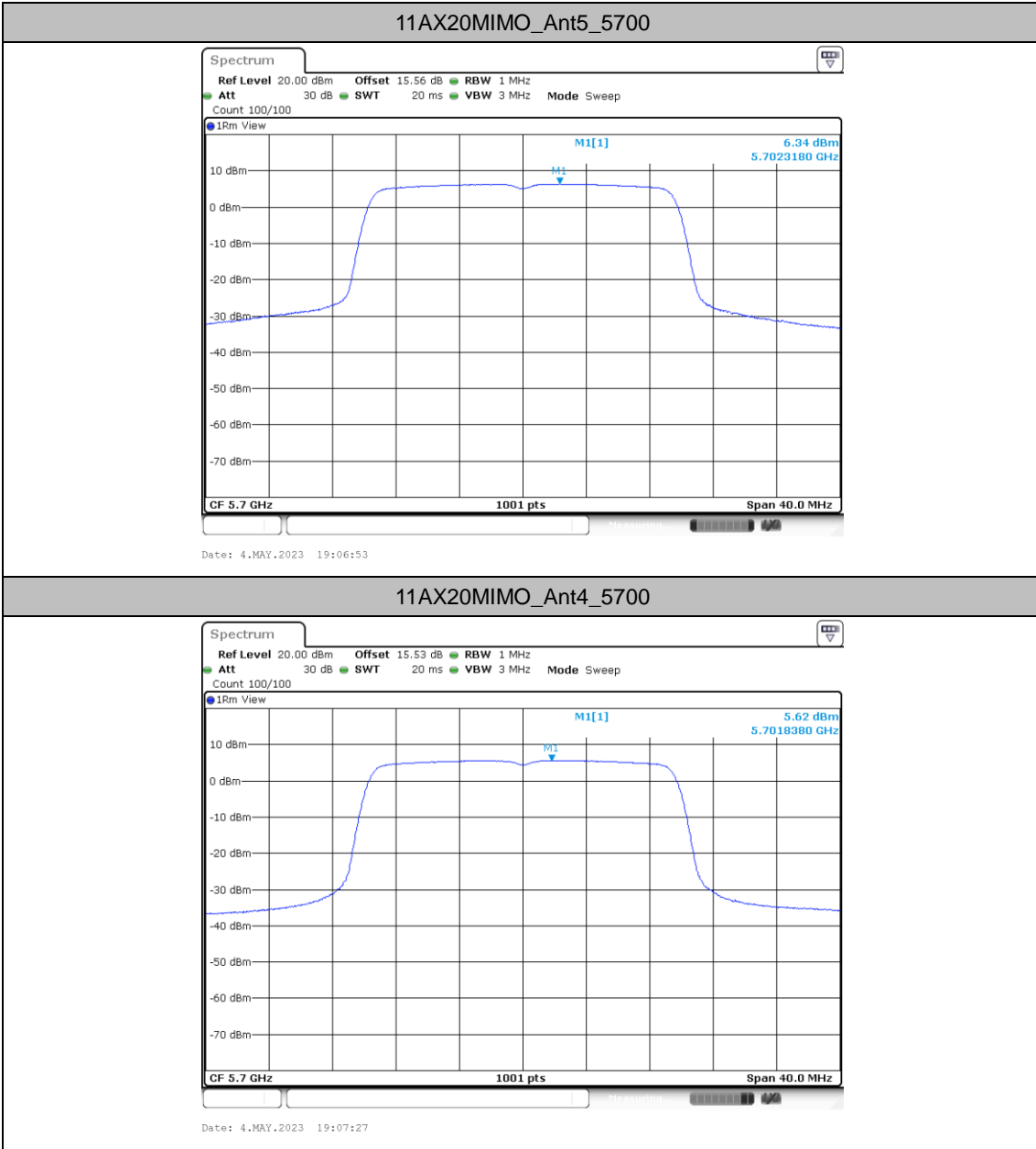


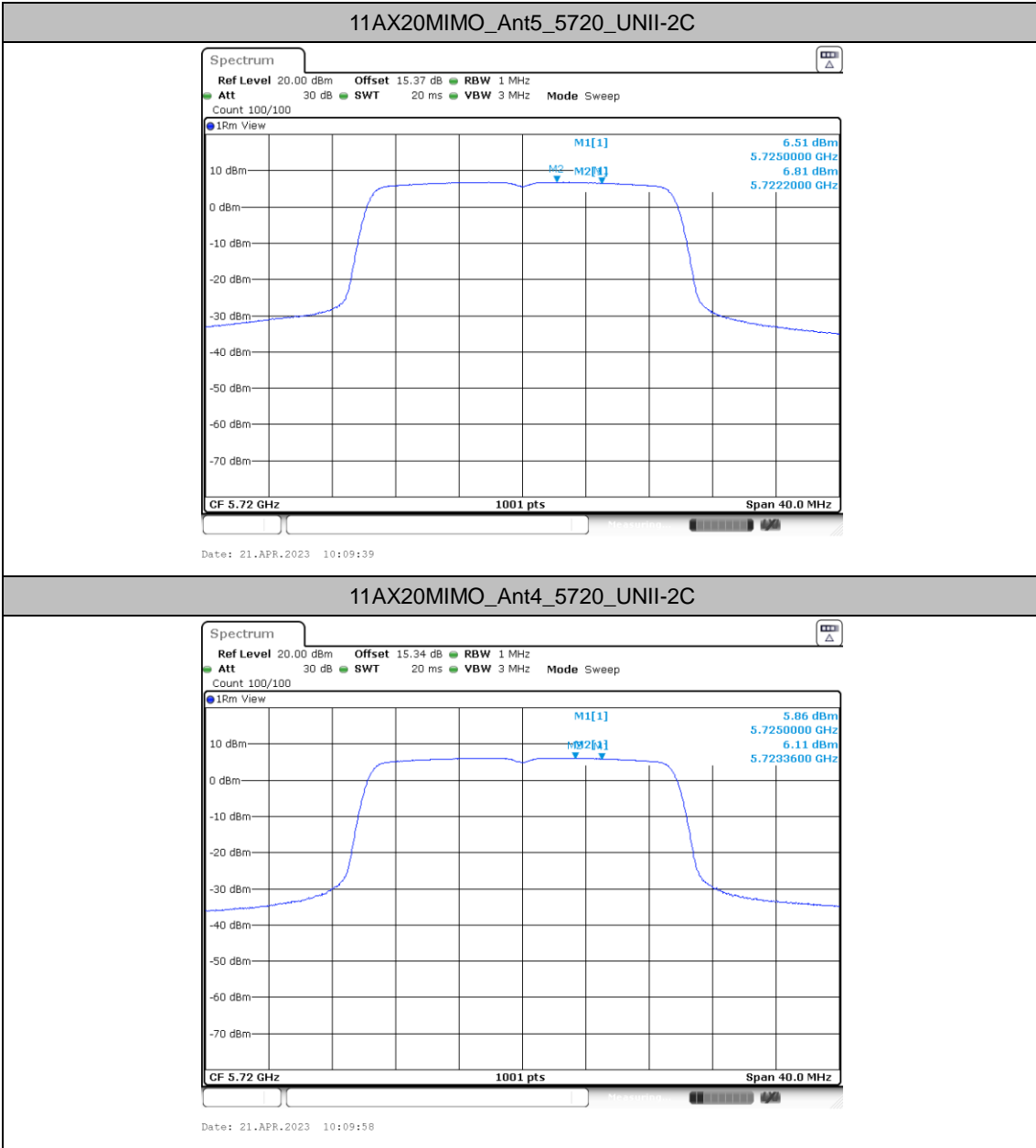


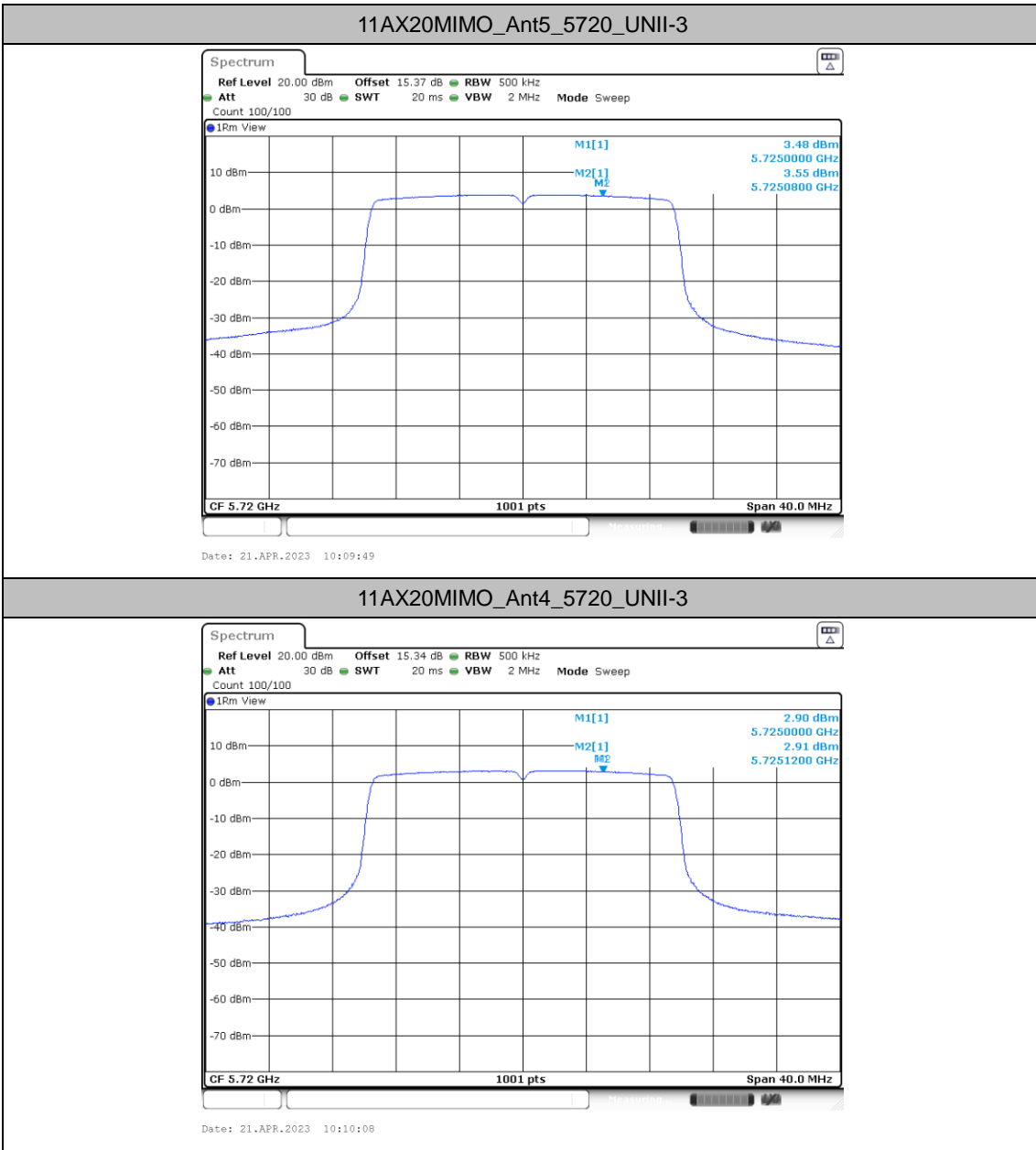


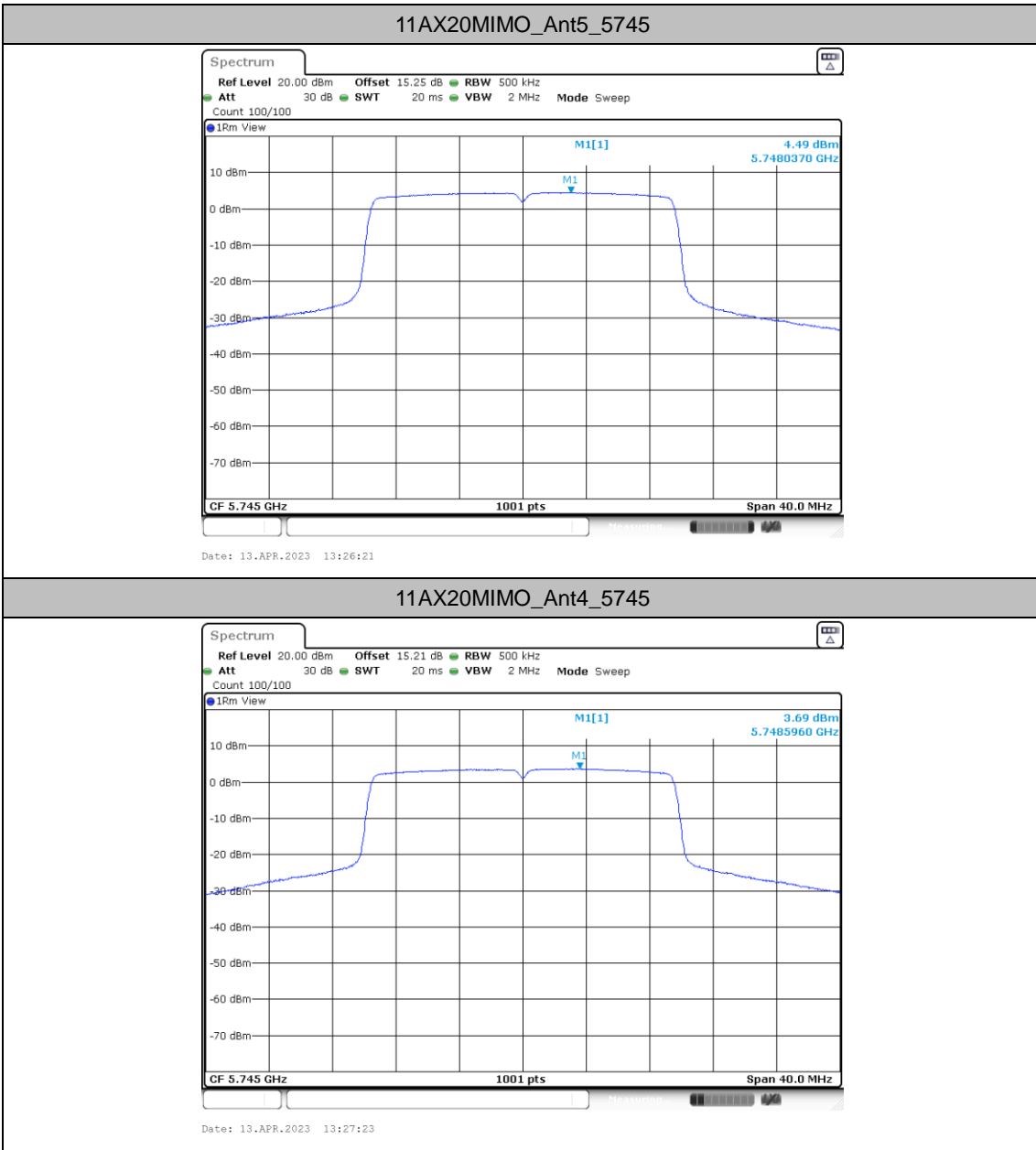


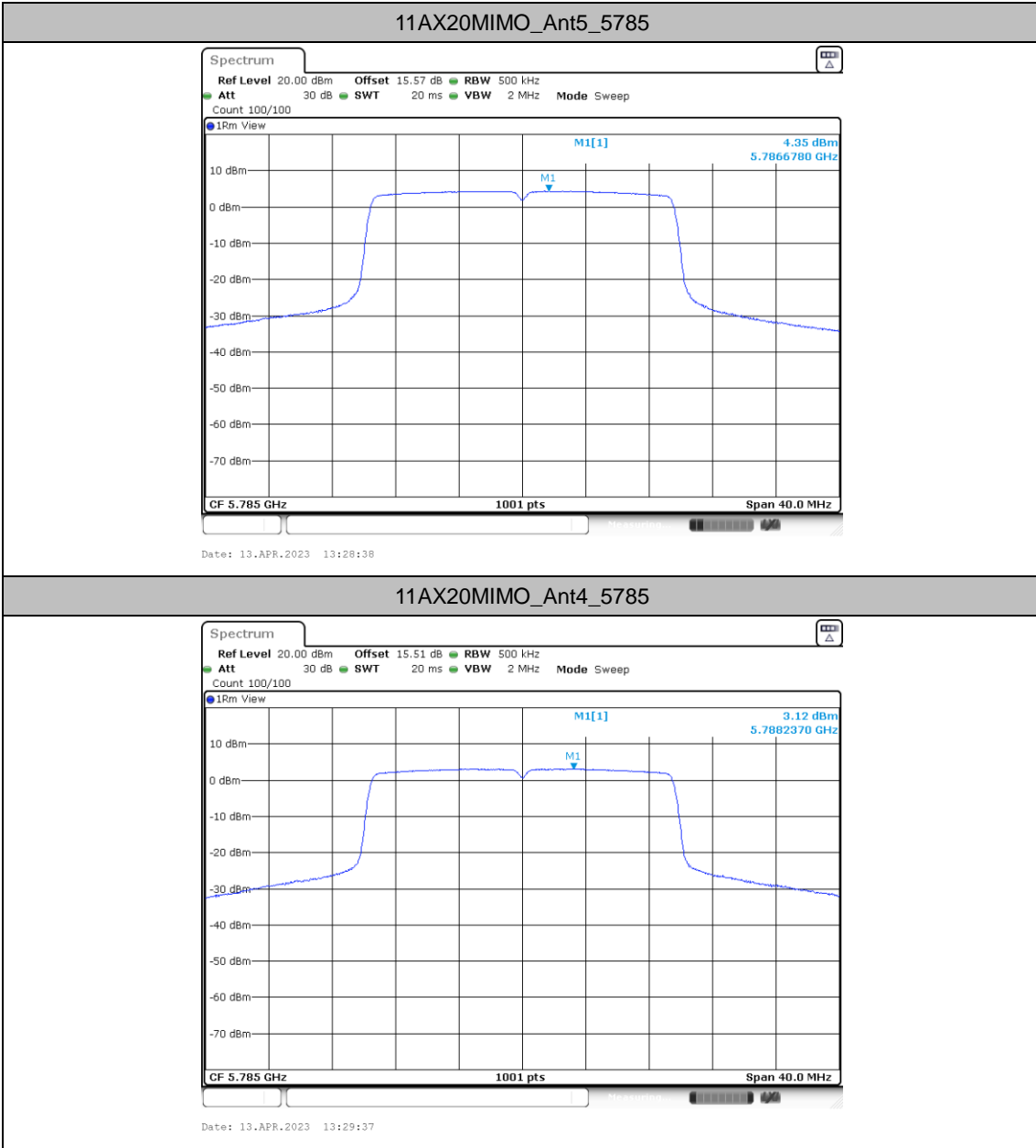


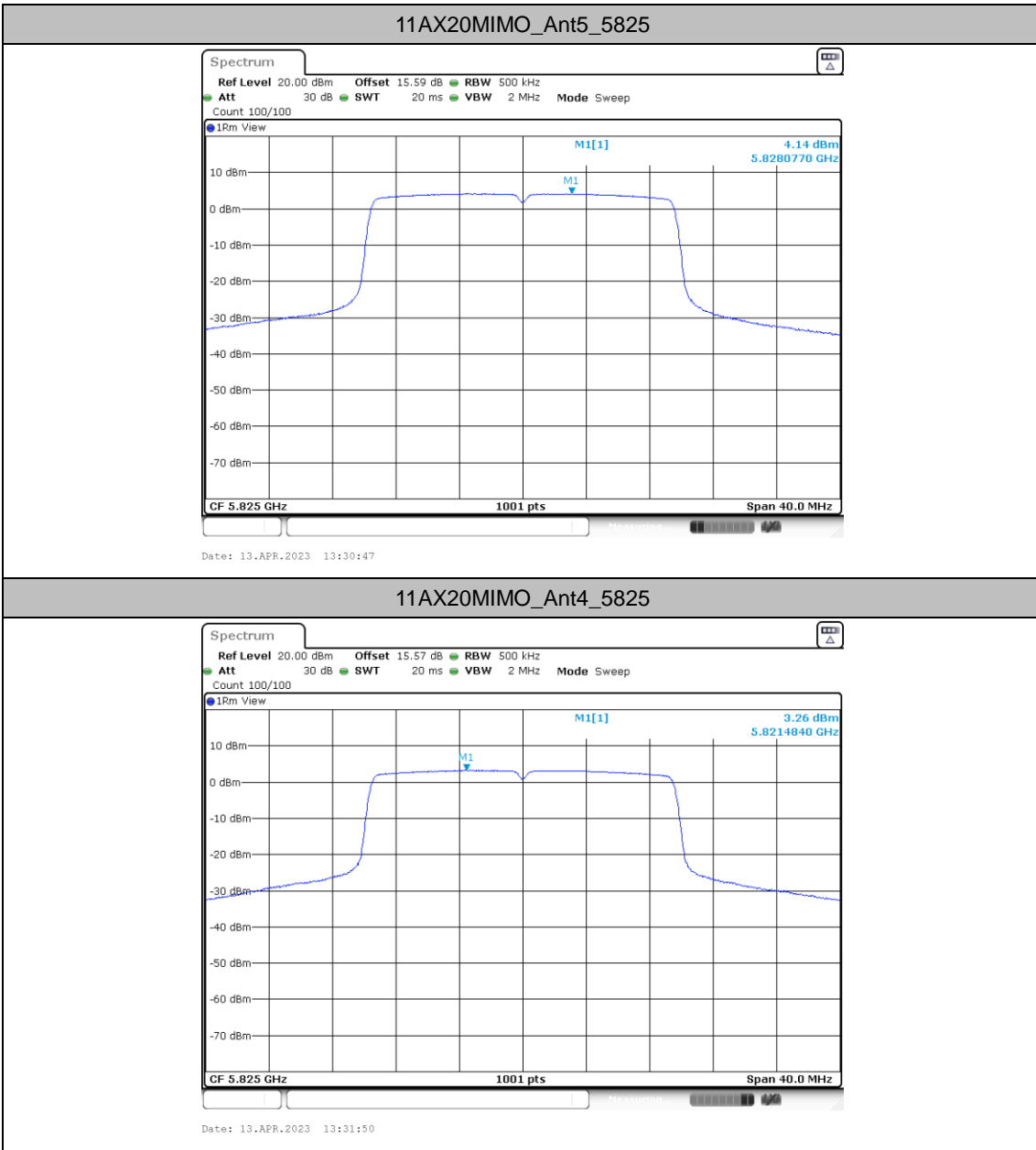


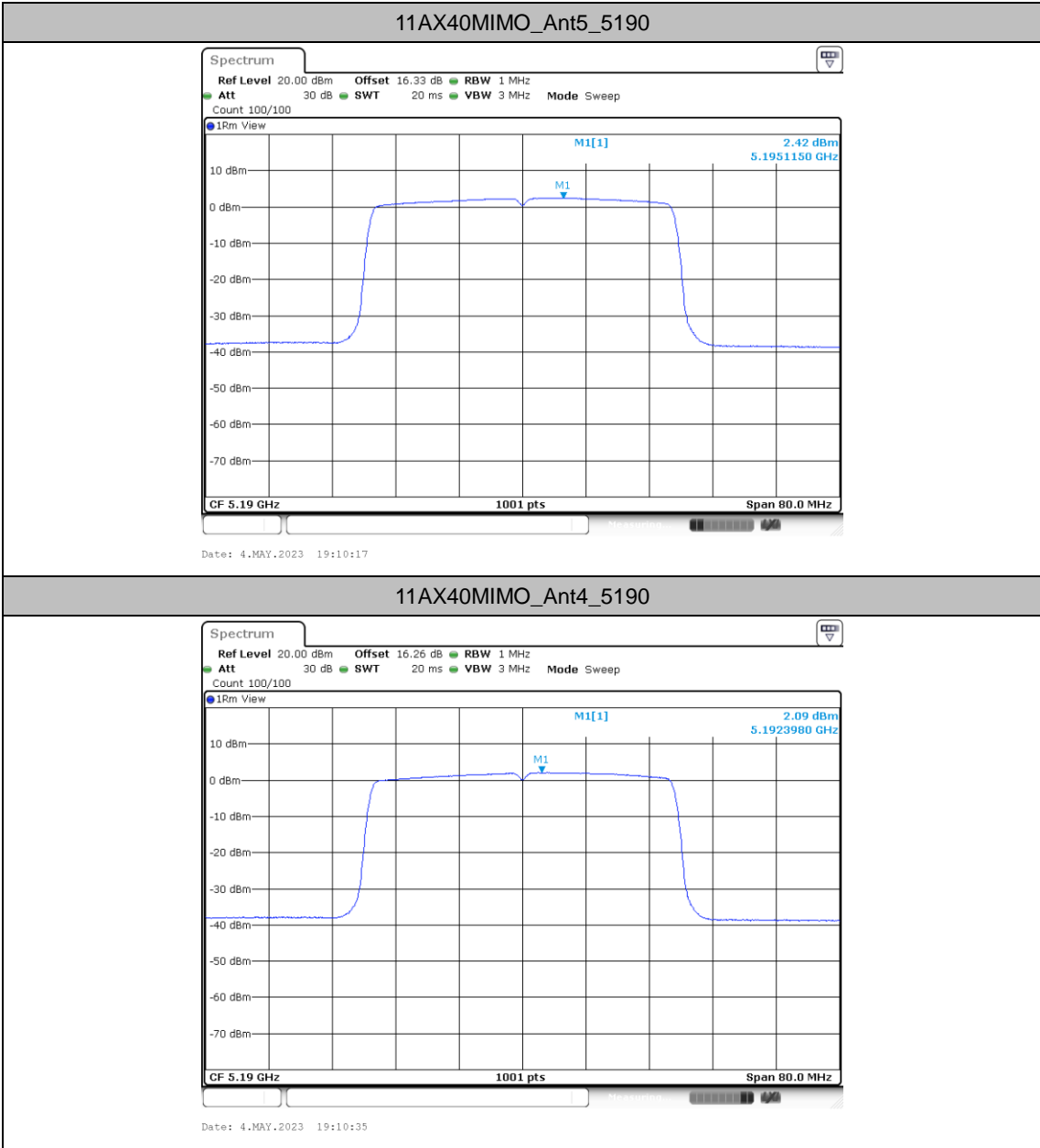


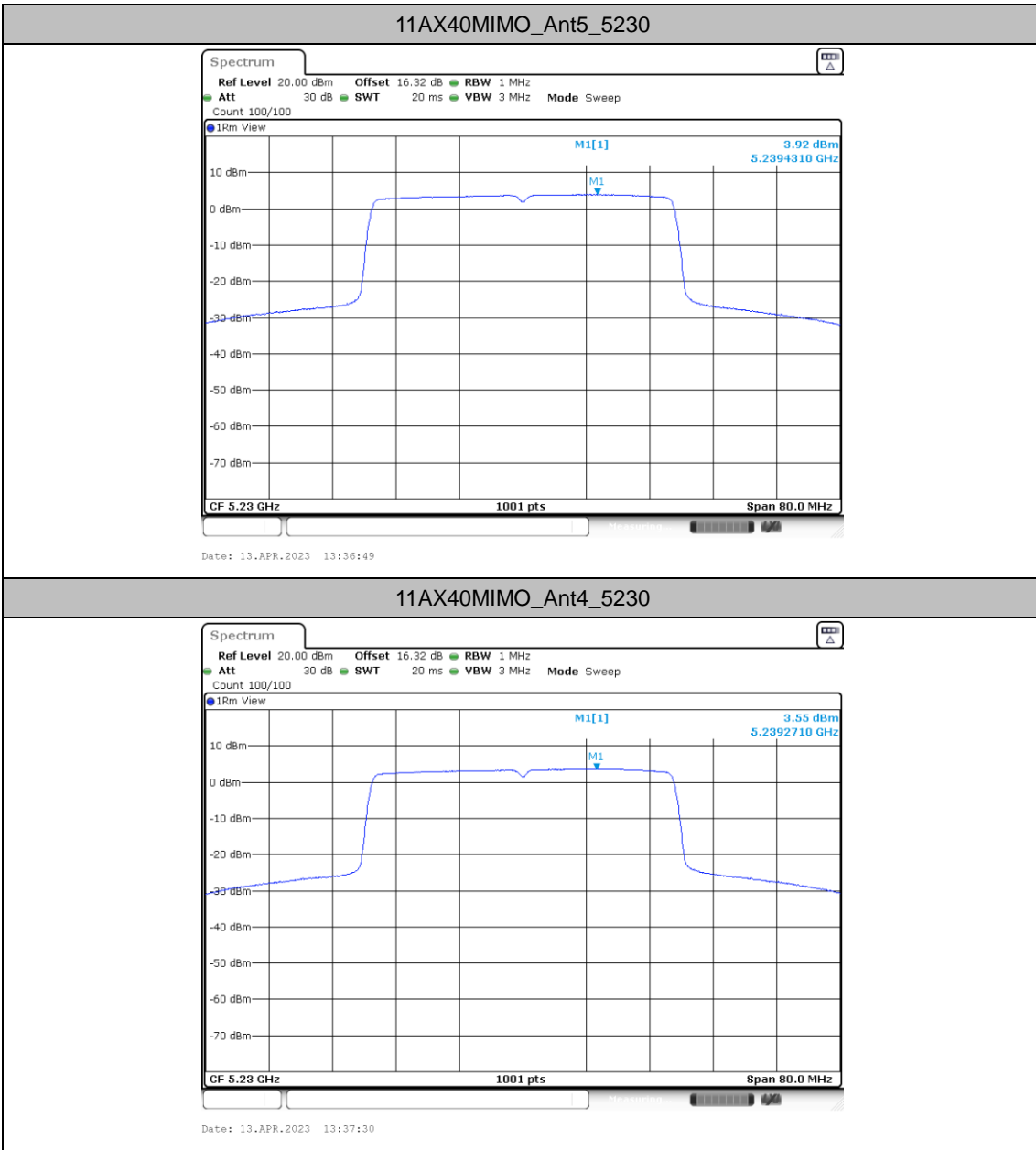


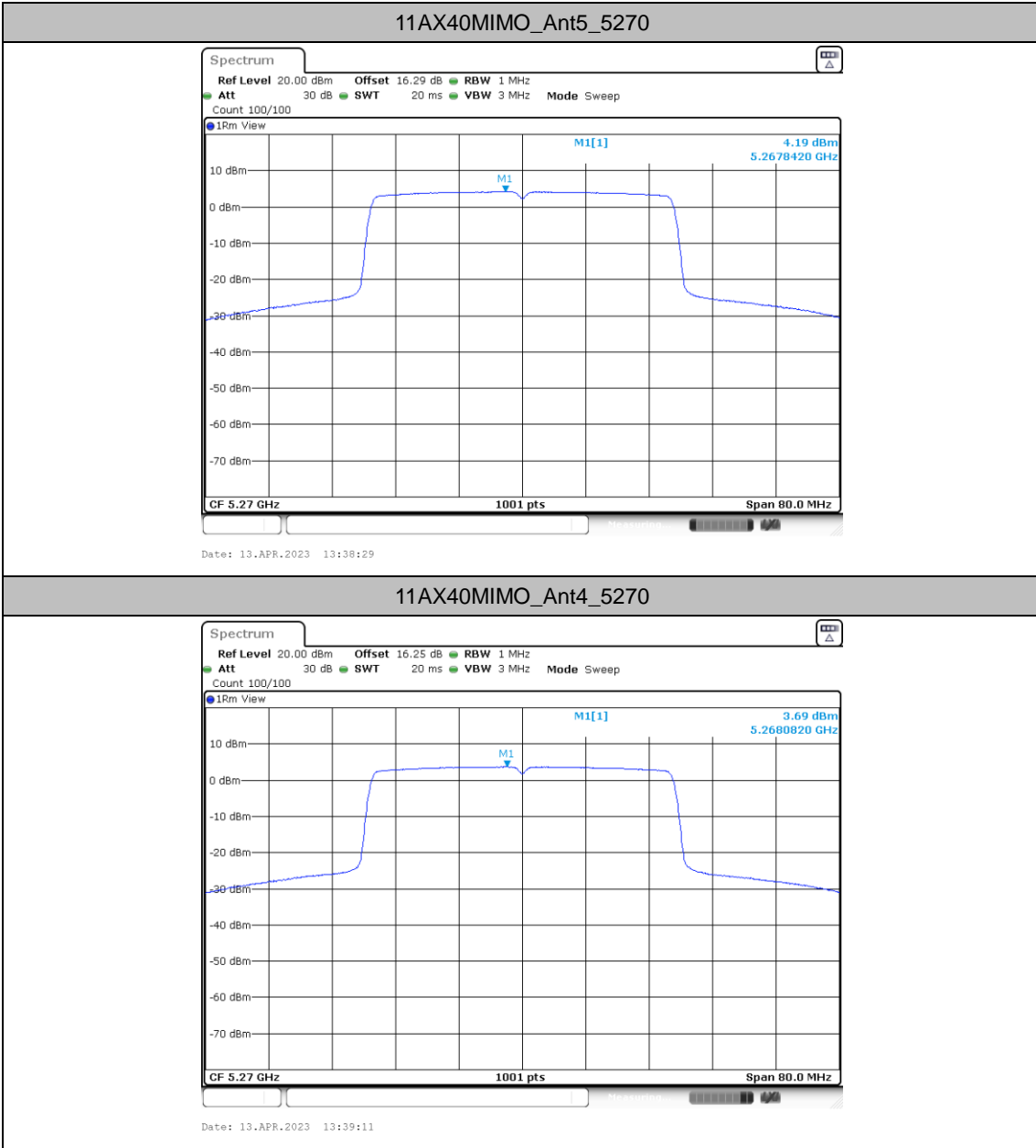


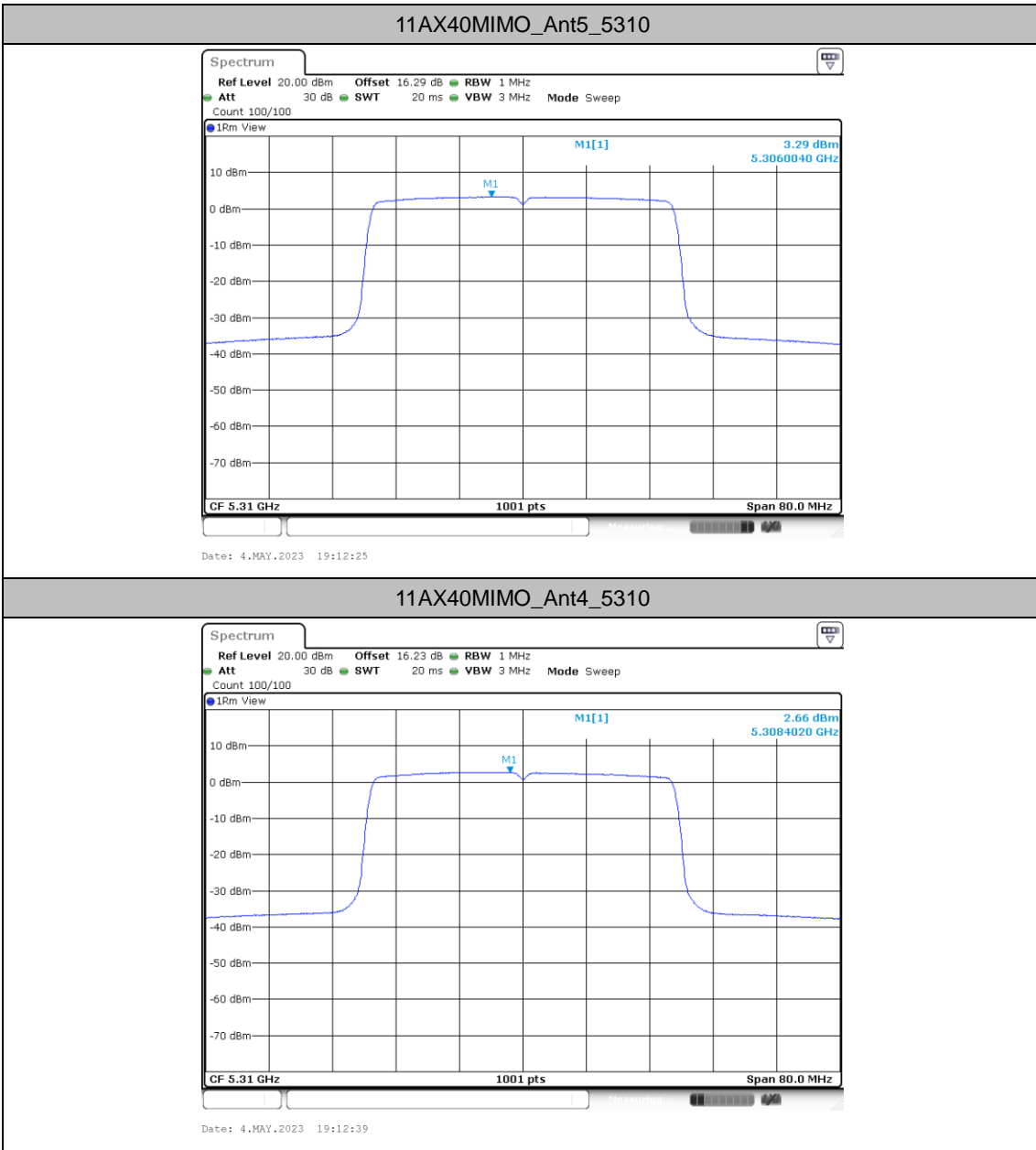


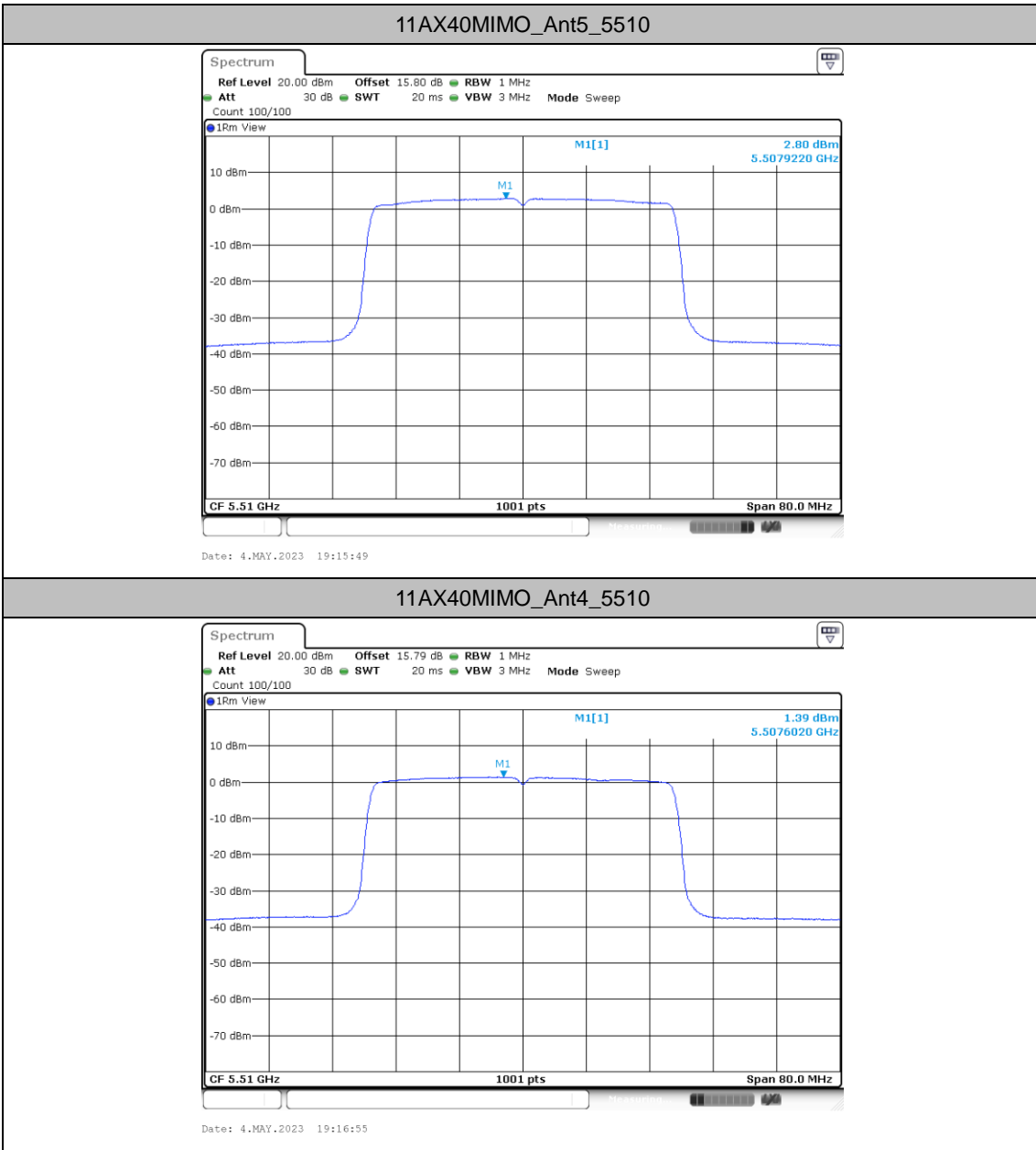


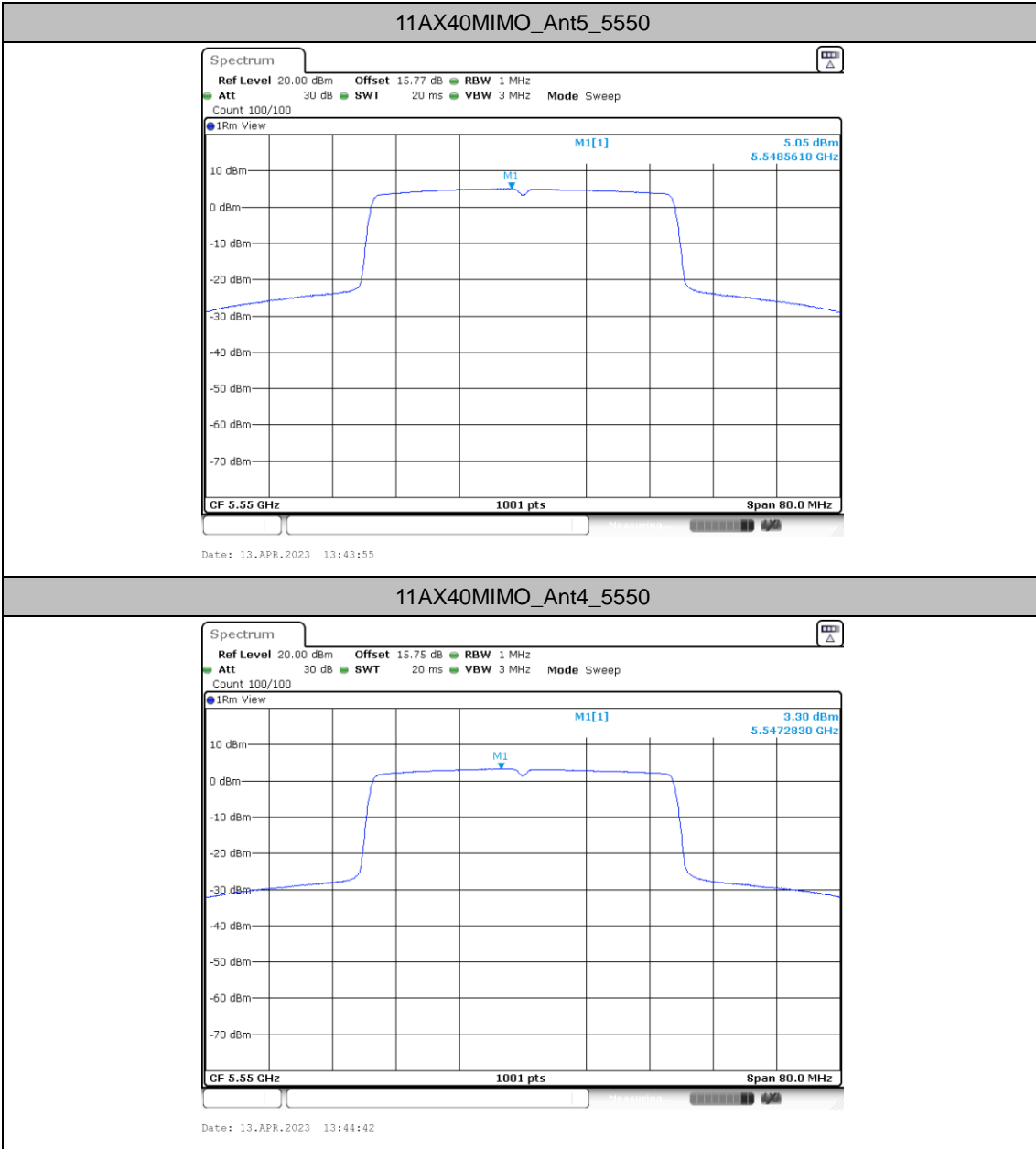


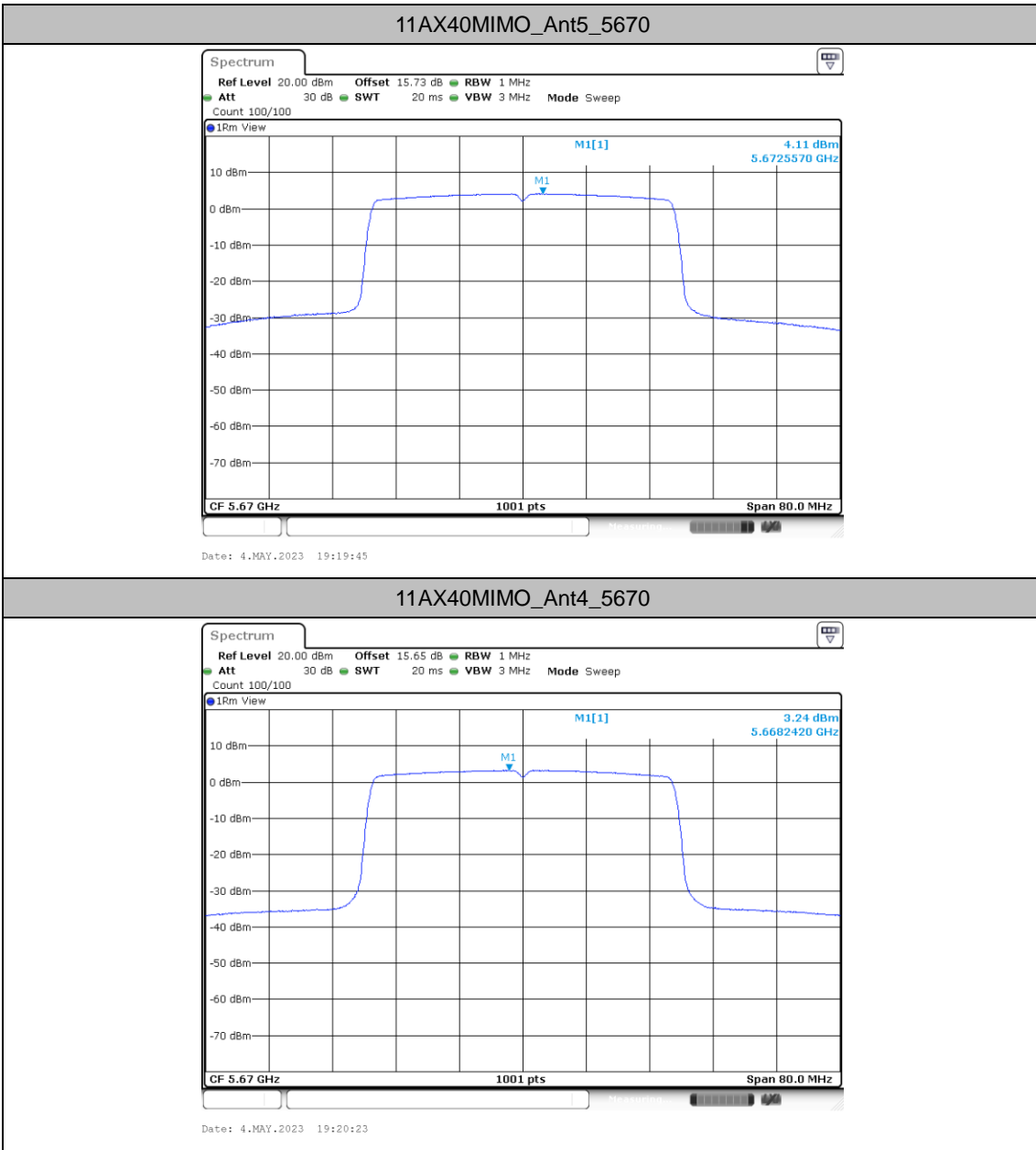


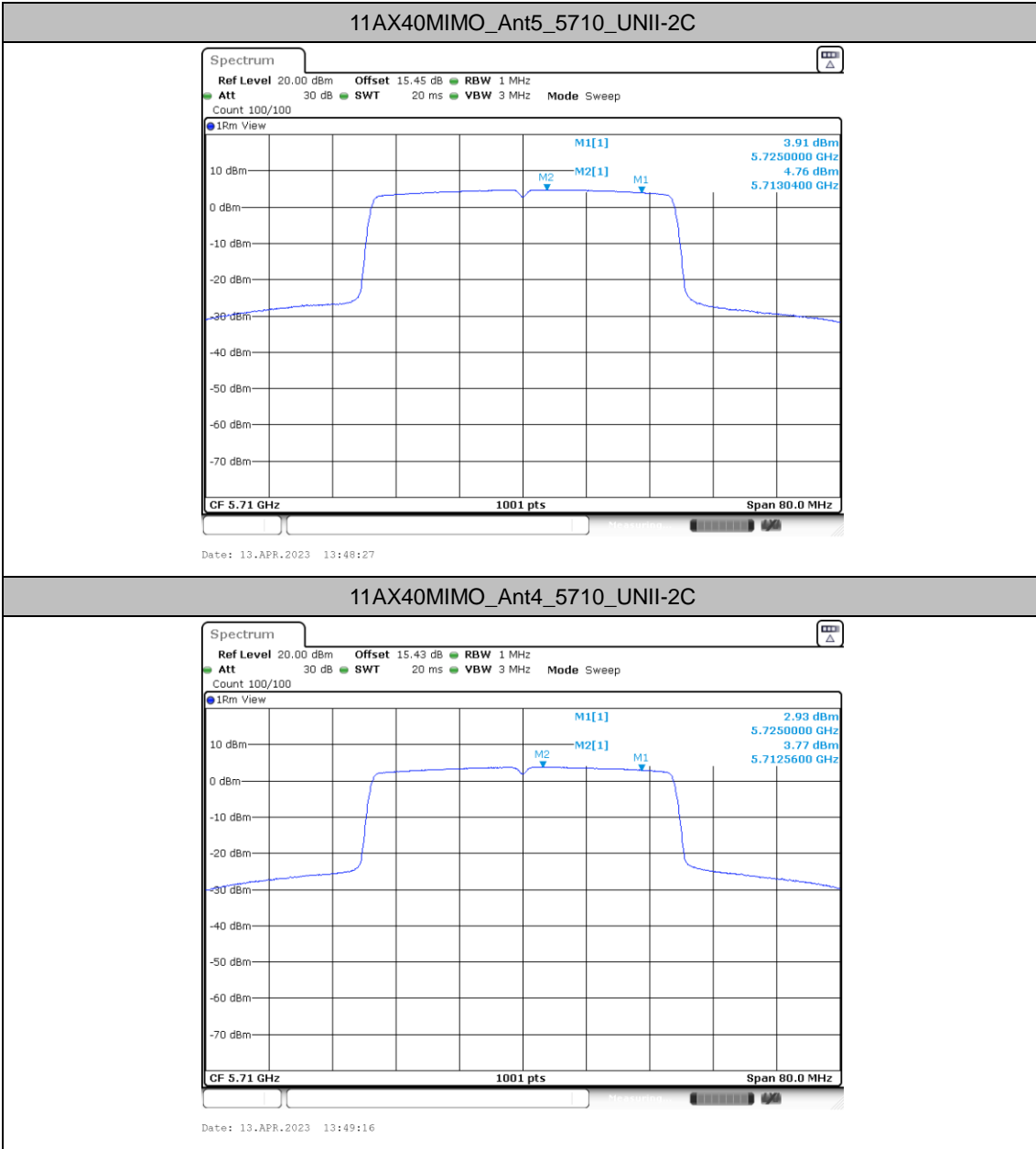


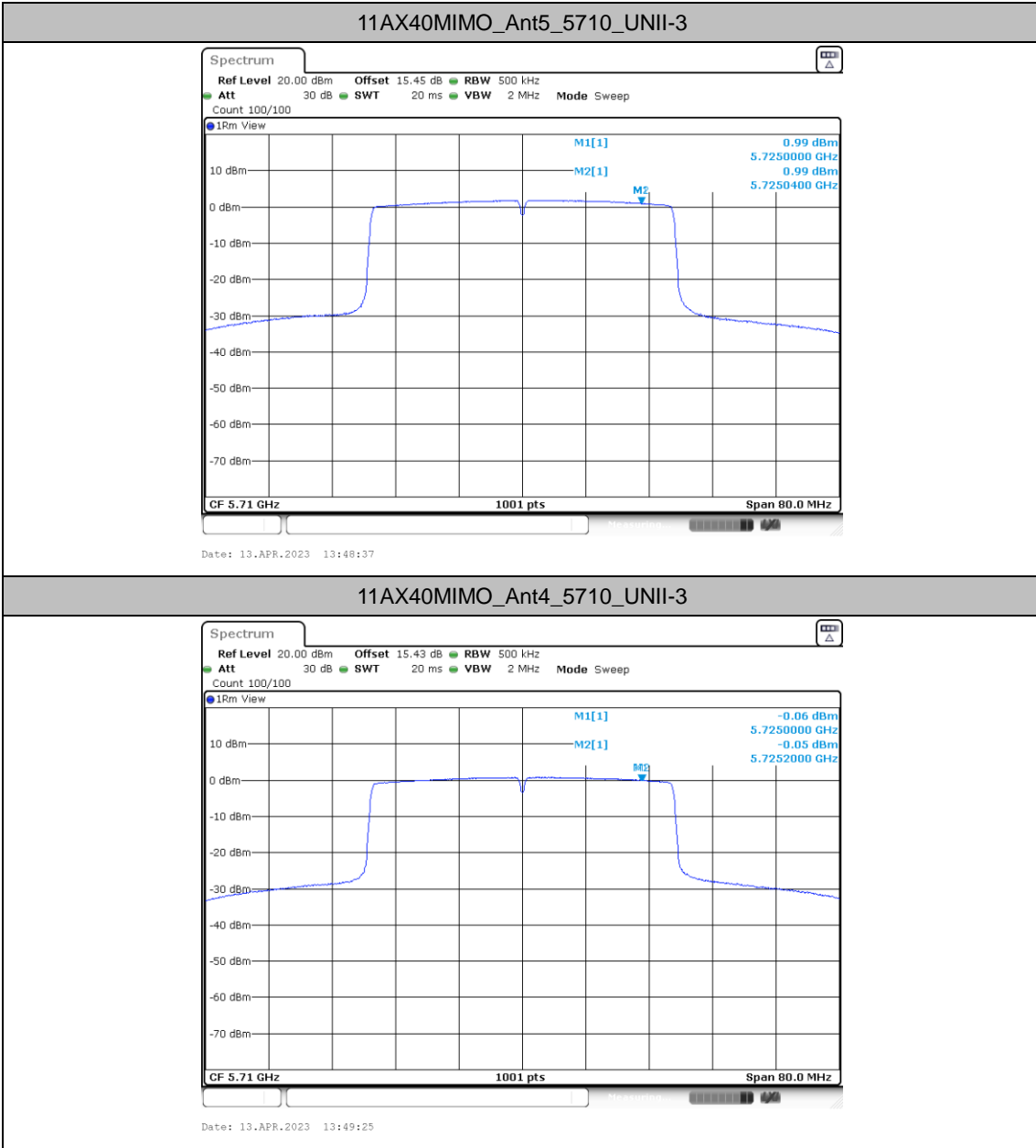


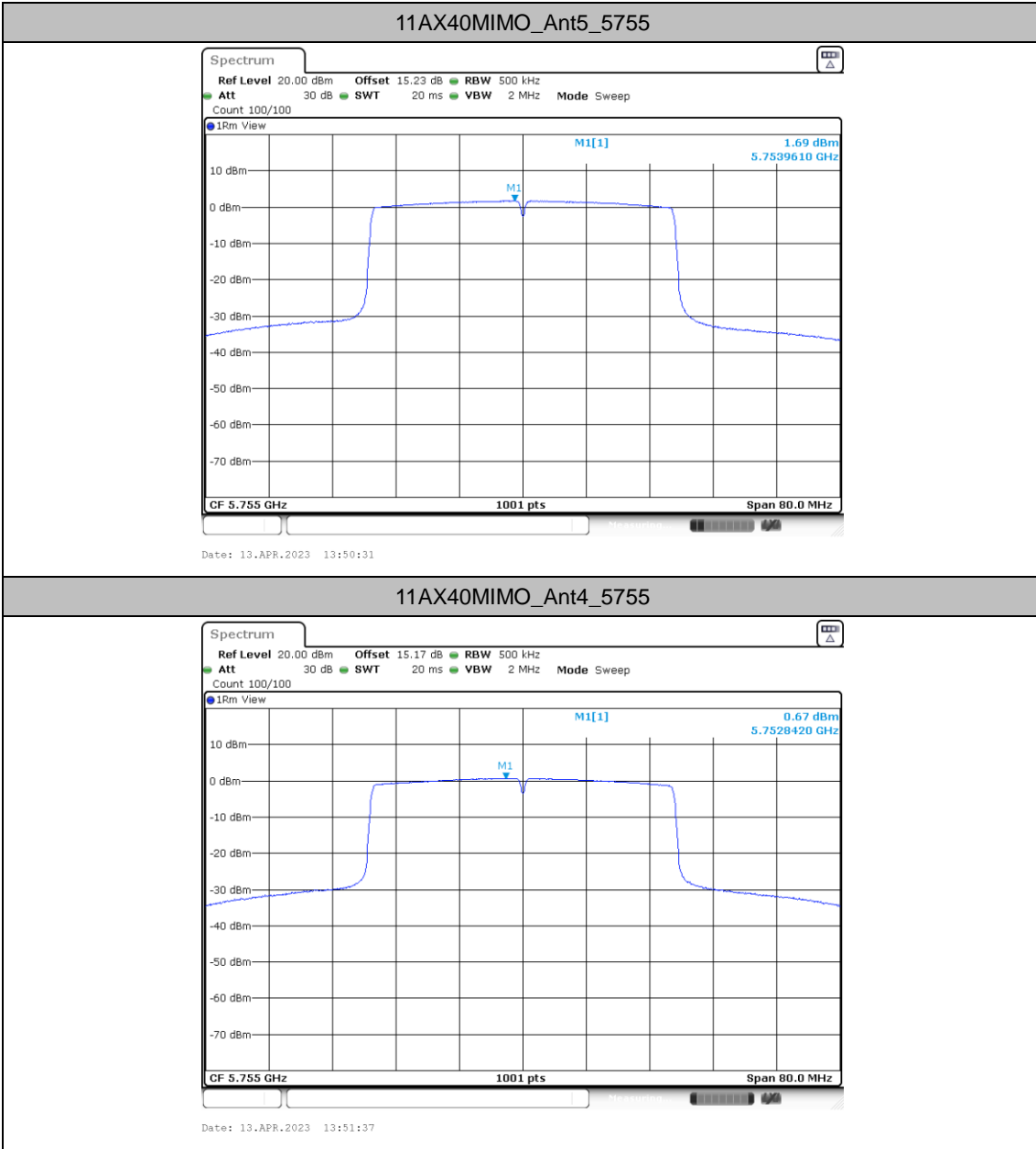


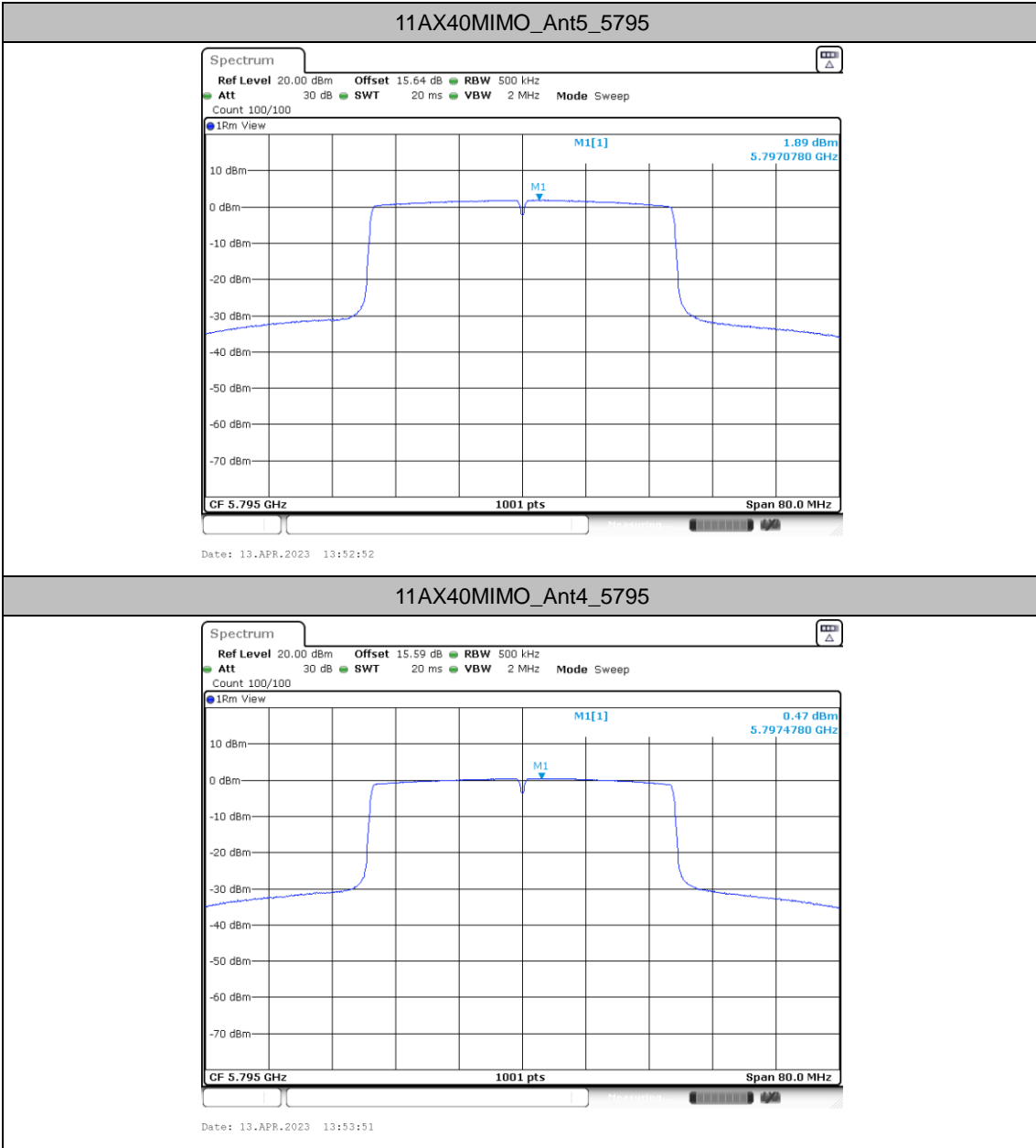


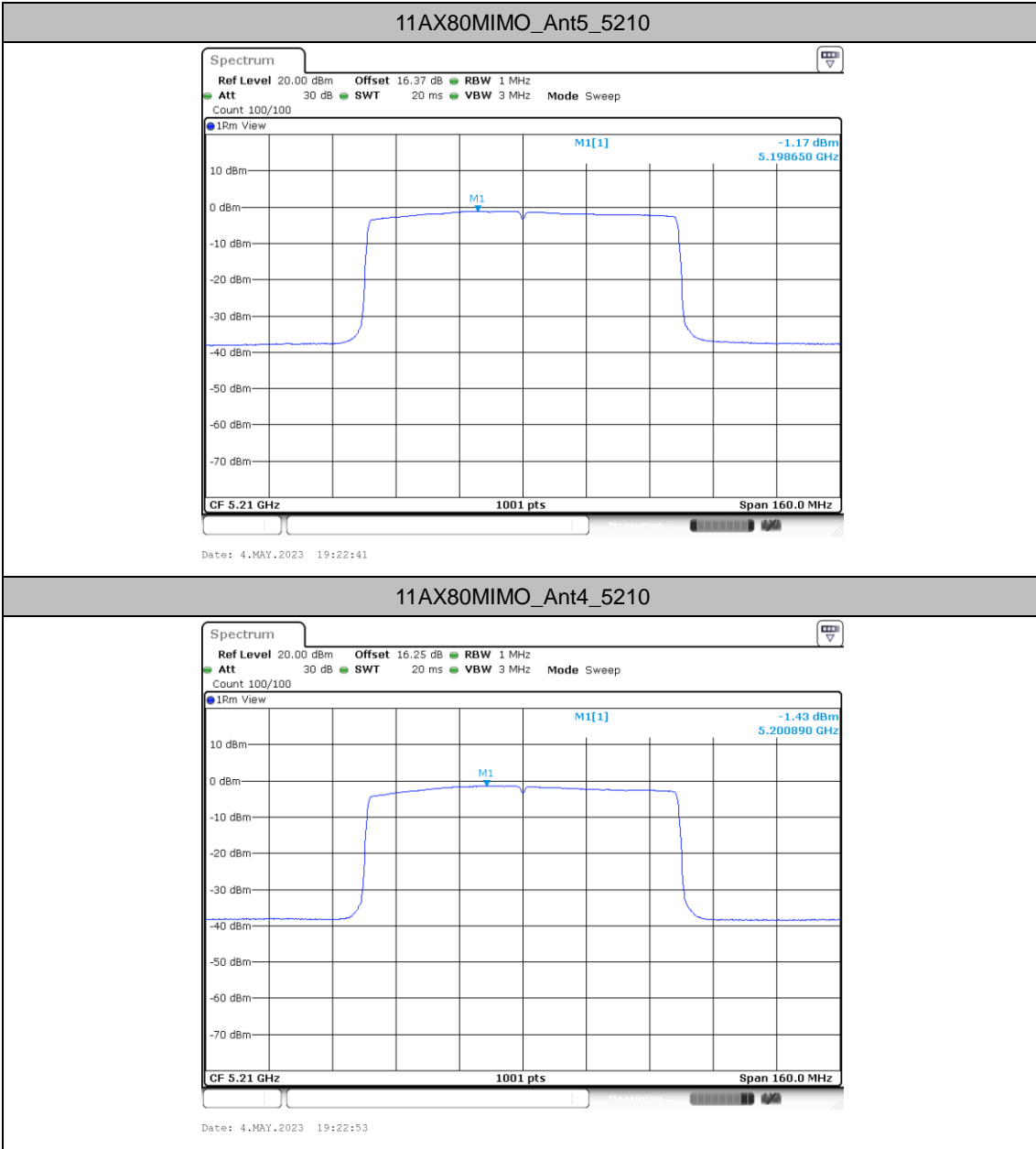


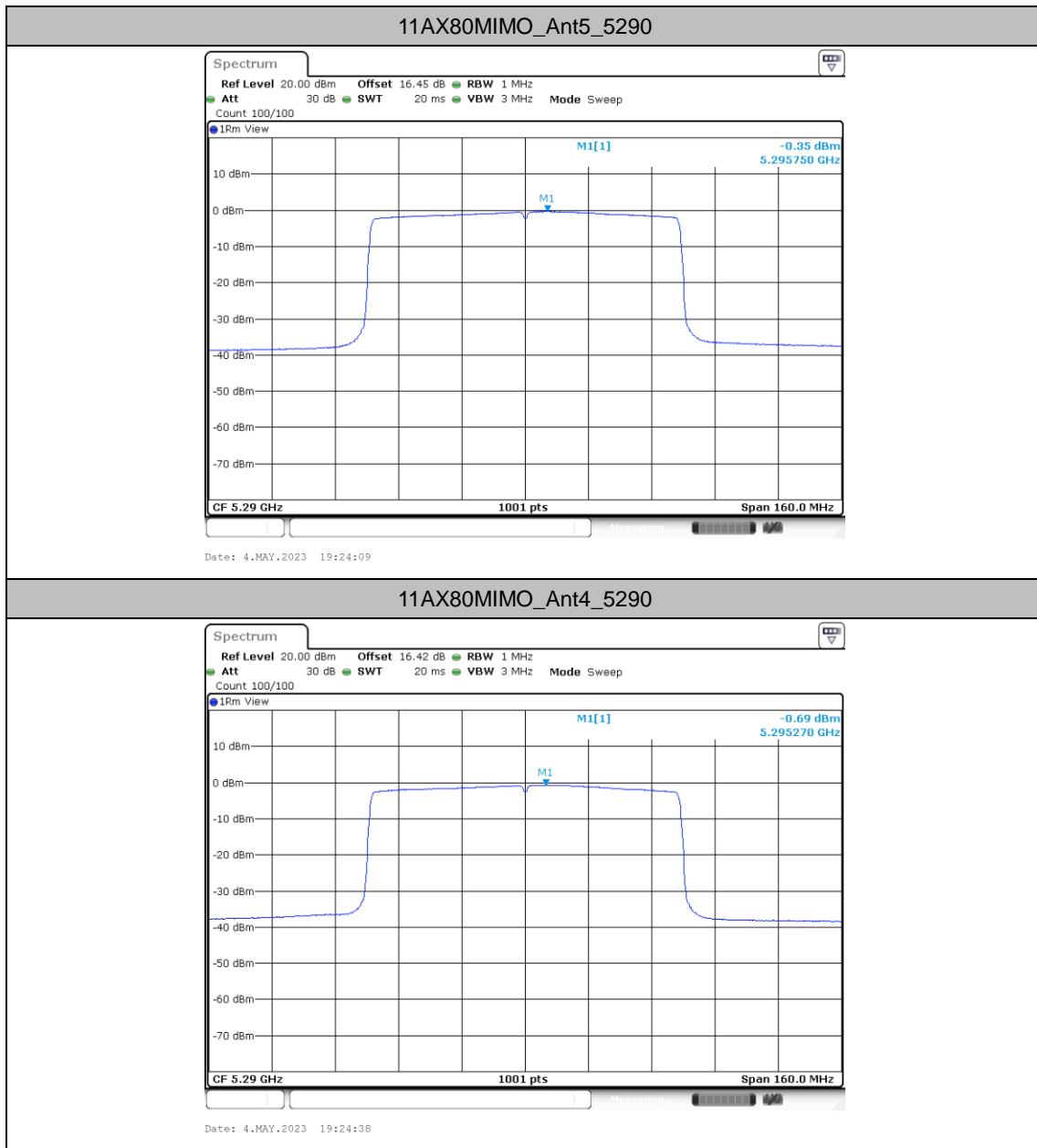


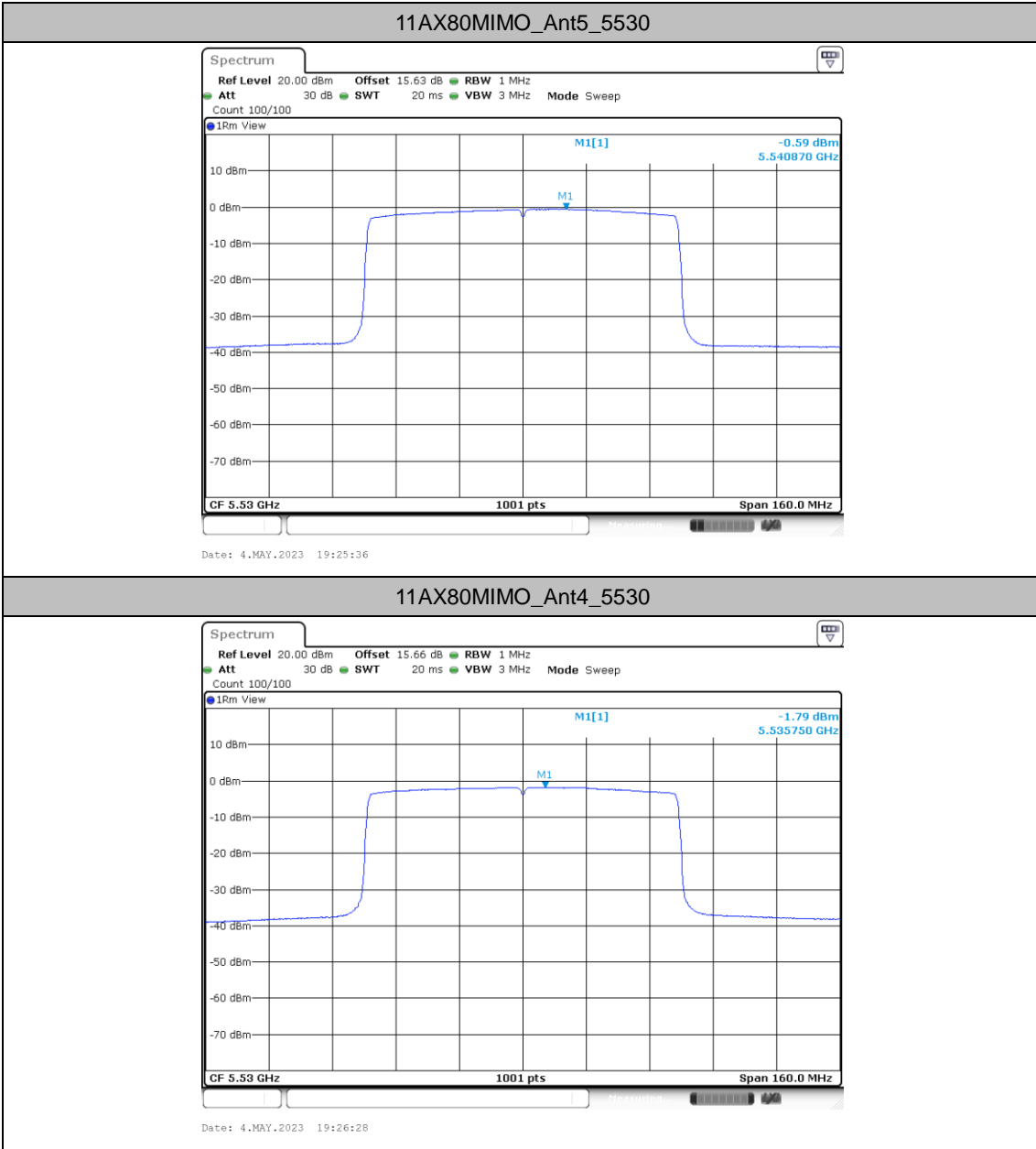


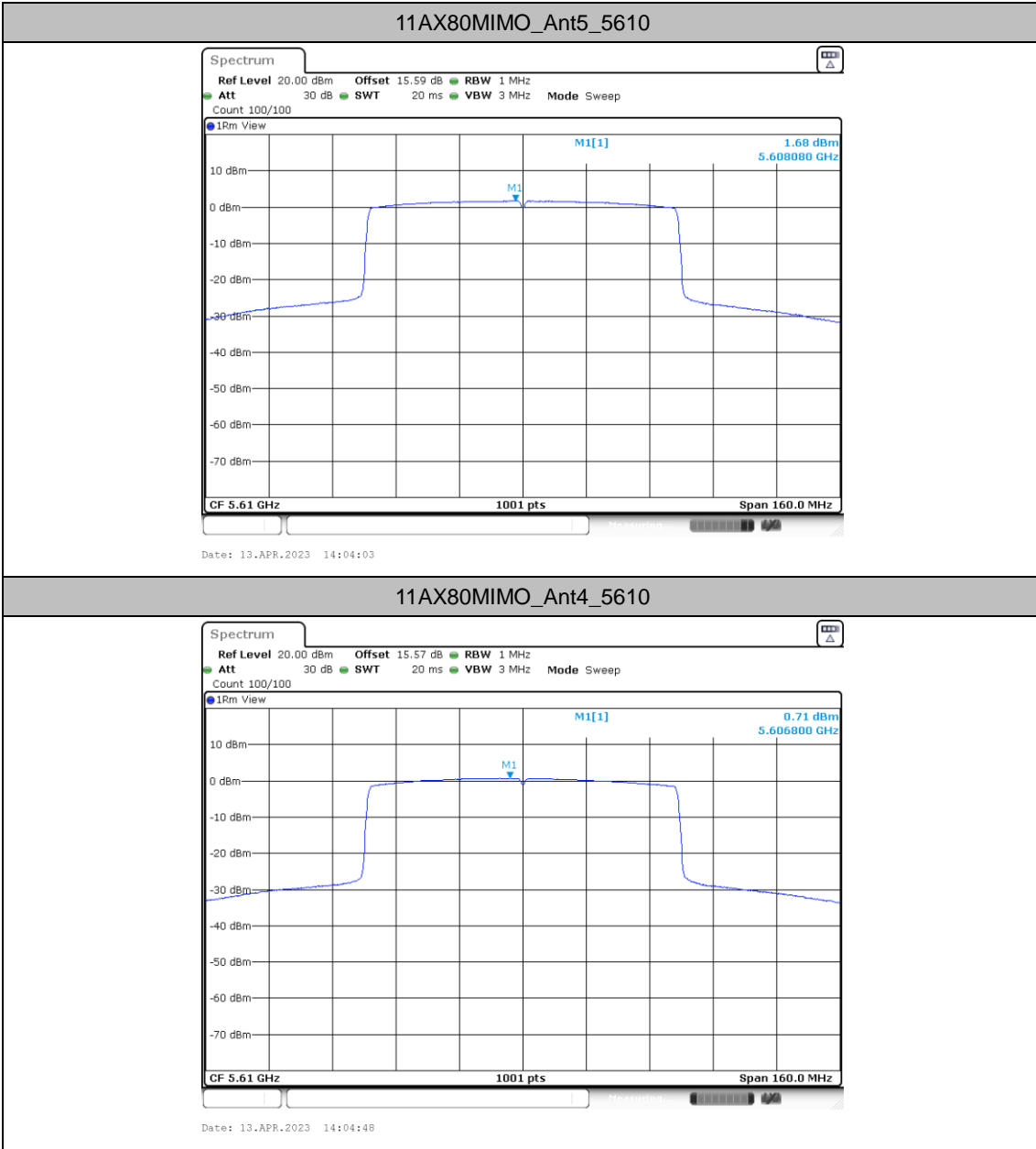


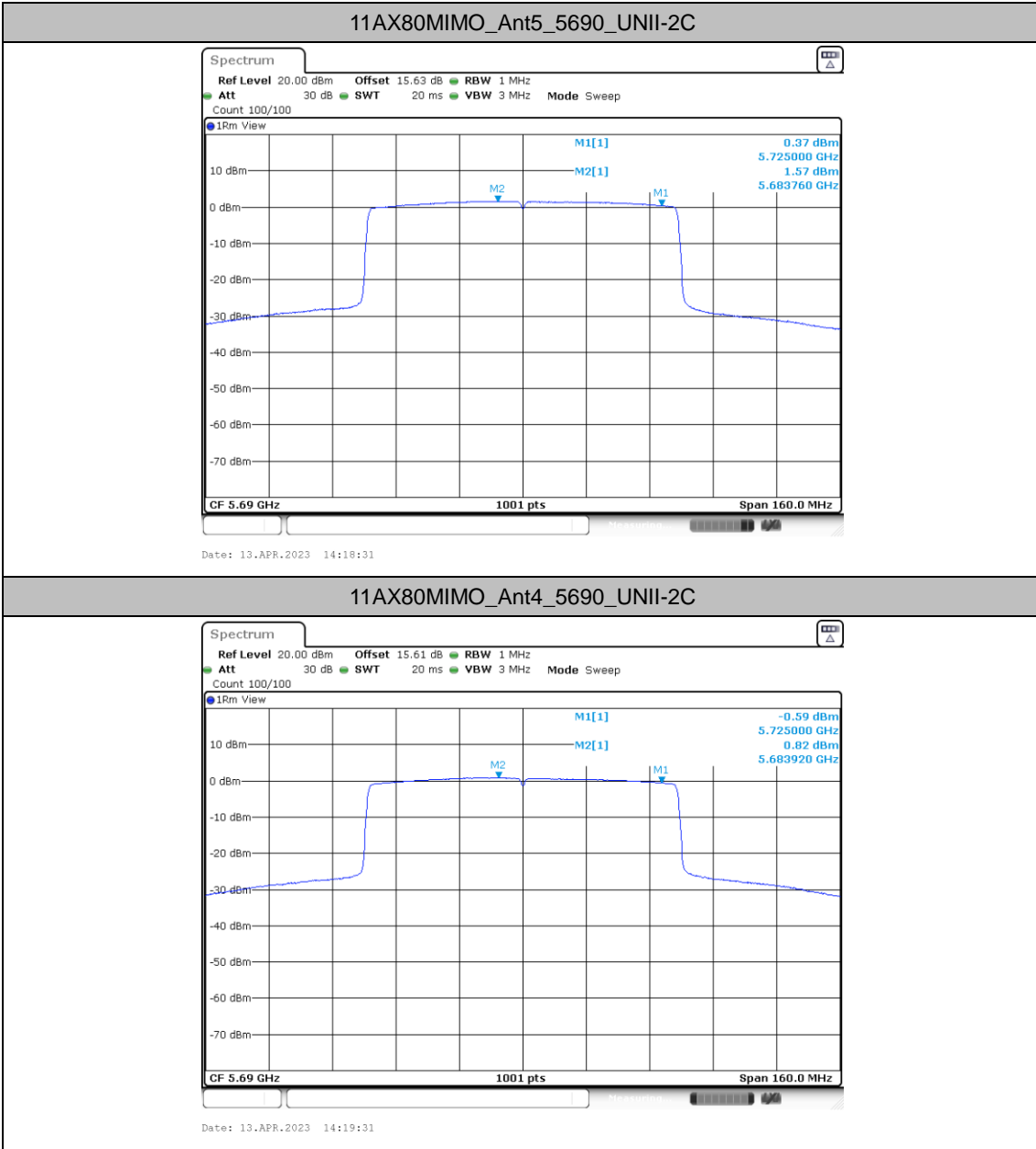


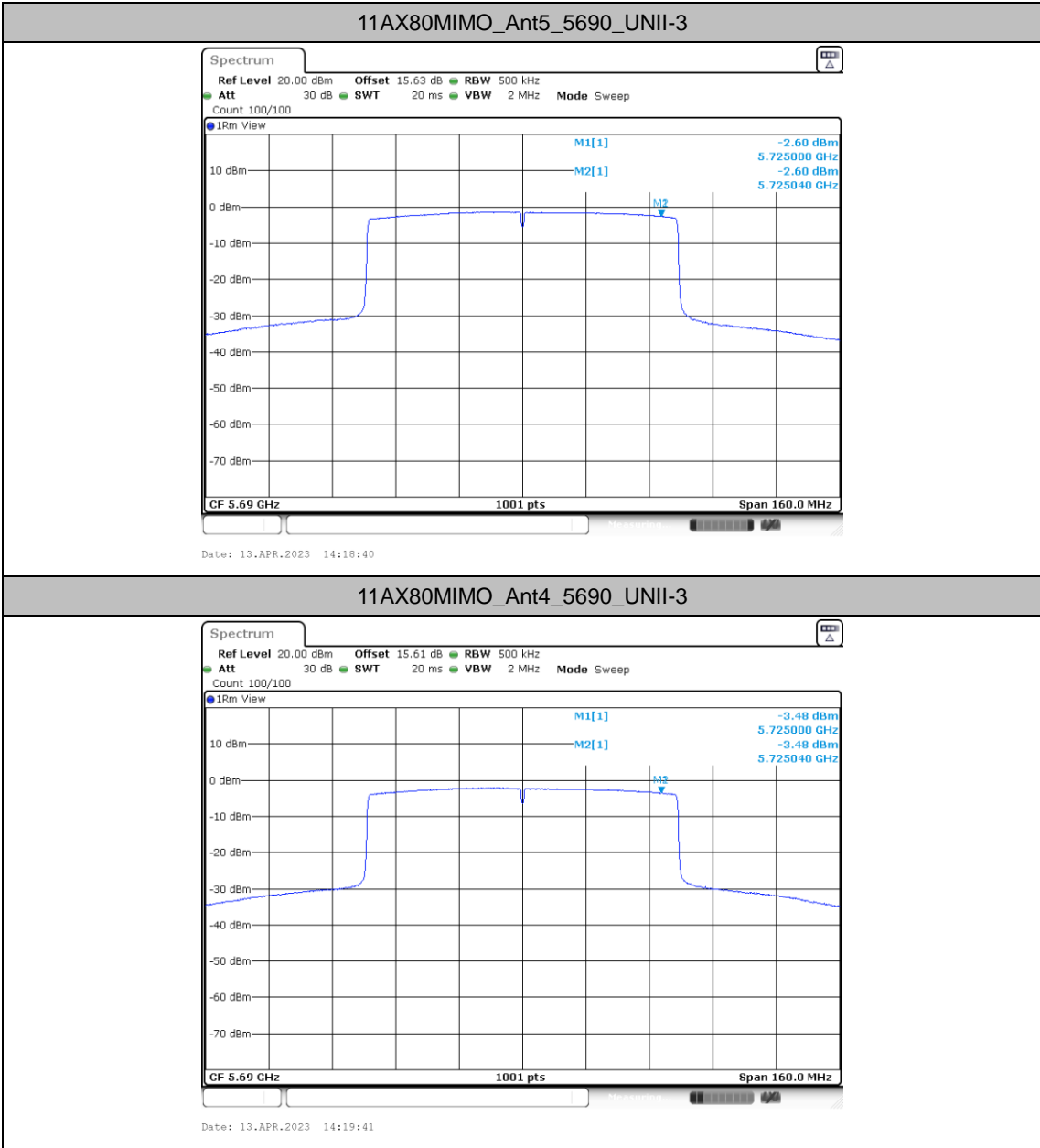


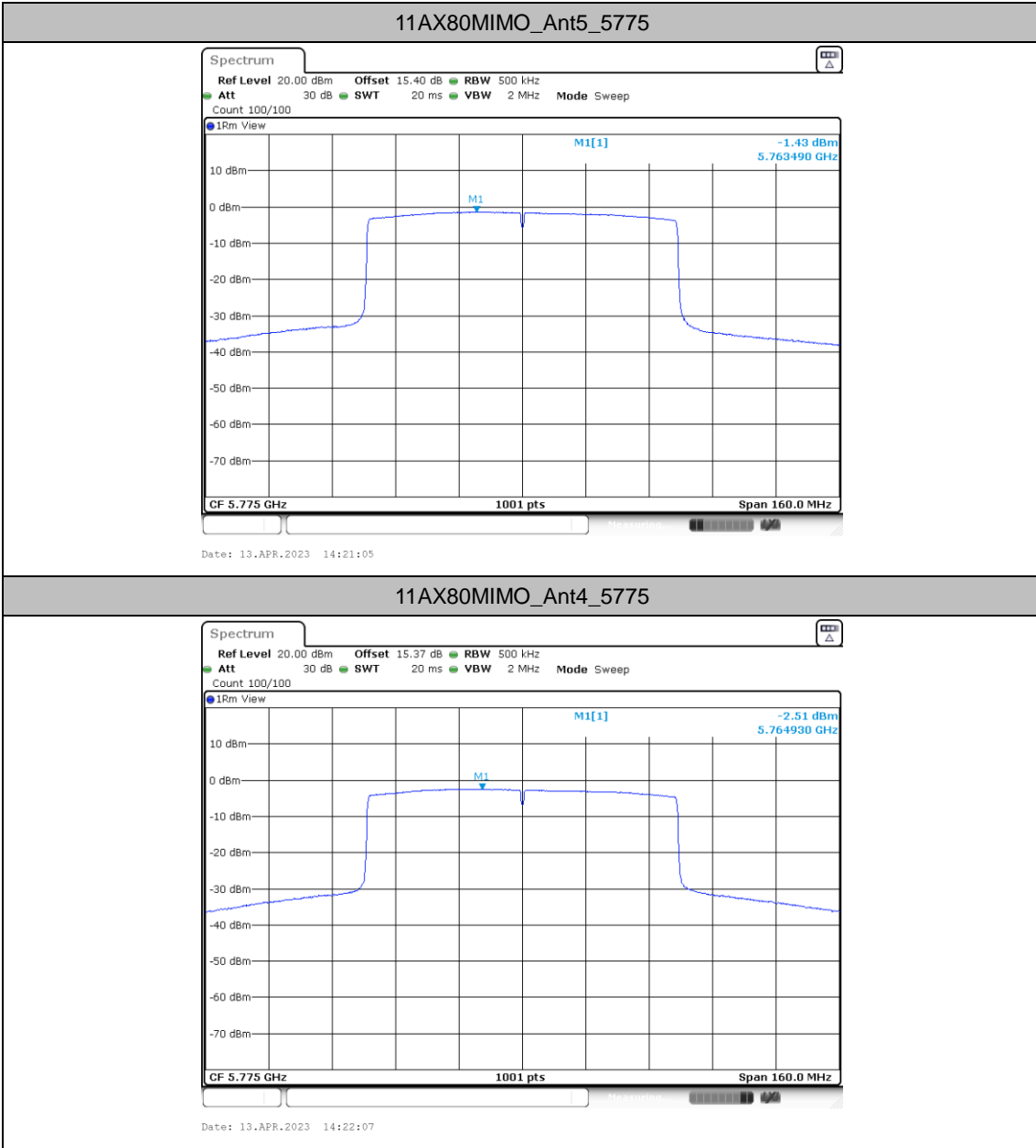


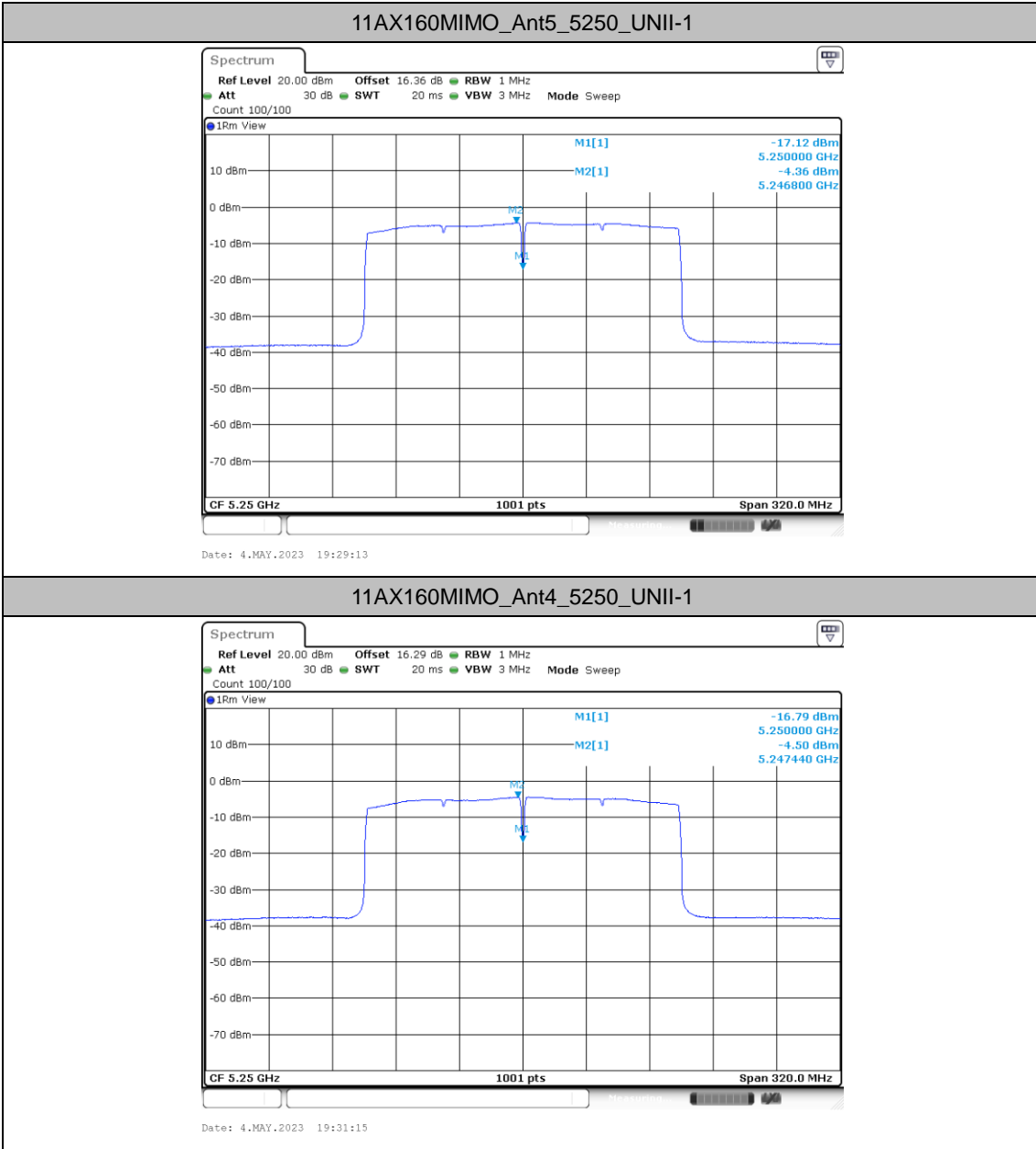


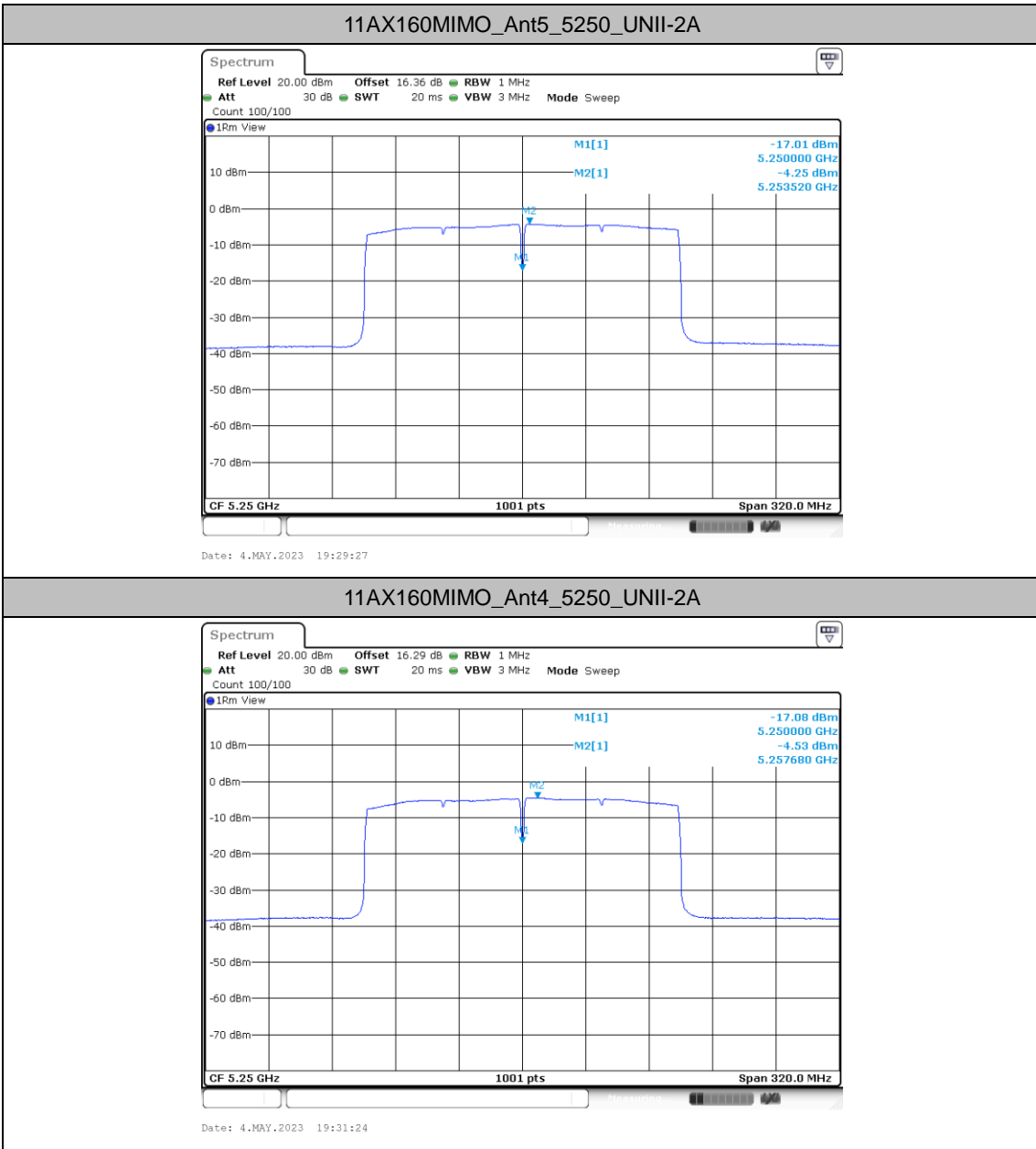


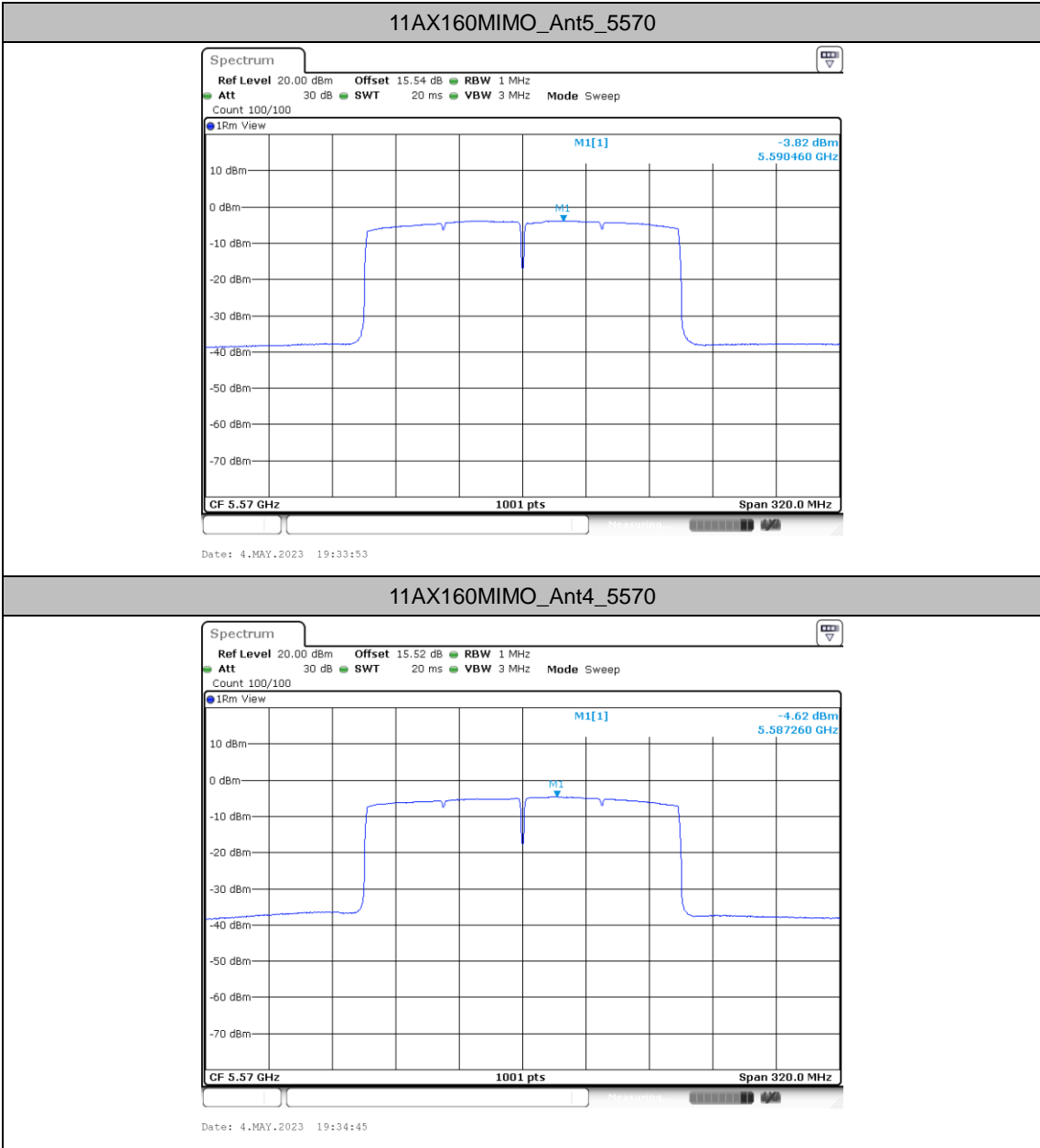














Maximum power spectral density for 802.11ax Partial RU

Test Result

Test Mode	Antenna	Freq(MHz)	Ru Size	Ru Index	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11AX20MIMO	Ant5	5180	26Tone	RU0	6.62	≤11.00	PASS
			52Tone	RU37	6.85	≤11.00	PASS
			106Tone	RU53	6.89	≤11.00	PASS
	Ant4	5180	26Tone	RU0	6.24	≤11.00	PASS
			52Tone	RU37	6.44	≤11.00	PASS
			106Tone	RU53	6.18	≤11.00	PASS
	total	5180	26Tone	RU0	9.44	≤11.00	PASS
			52Tone	RU37	9.66	≤11.00	PASS
			106Tone	RU53	9.56	≤11.00	PASS
	Ant5	5220	26Tone	RU0	6.47	≤11.00	PASS
			52Tone	RU37	6.17	≤11.00	PASS
			106Tone	RU53	6.53	≤11.00	PASS
	Ant4	5220	26Tone	RU0	6.05	≤11.00	PASS
			52Tone	RU37	6.06	≤11.00	PASS
			106Tone	RU53	6.09	≤11.00	PASS
	total	5220	26Tone	RU0	9.28	≤11.00	PASS
			52Tone	RU37	9.13	≤11.00	PASS
			106Tone	RU53	9.33	≤11.00	PASS
	Ant5	5240	26Tone	RU8	6.5	≤11.00	PASS
			52Tone	RU40	6.27	≤11.00	PASS
			106Tone	RU54	6.65	≤11.00	PASS
	Ant4	5240	26Tone	RU8	5.93	≤11.00	PASS
			52Tone	RU40	6.05	≤11.00	PASS
			106Tone	RU54	6.07	≤11.00	PASS
	total	5240	26Tone	RU8	9.23	≤11.00	PASS
			52Tone	RU40	9.17	≤11.00	PASS
			106Tone	RU54	9.38	≤11.00	PASS
	Ant5	5260	26Tone	RU0	6.91	≤11.00	PASS
			52Tone	RU37	6.7	≤11.00	PASS
			106Tone	RU53	6.94	≤11.00	PASS
	Ant4	5260	26Tone	RU0	6.25	≤11.00	PASS
			52Tone	RU37	6.3	≤11.00	PASS
			106Tone	RU53	6.27	≤11.00	PASS
	total	5260	26Tone	RU0	9.60	≤11.00	PASS
			52Tone	RU37	9.51	≤11.00	PASS
			106Tone	RU53	9.63	≤11.00	PASS
	Ant5	5300	26Tone	RU0	6.89	≤11.00	PASS
			52Tone	RU37	6.69	≤11.00	PASS
			106Tone	RU53	6.92	≤11.00	PASS
	Ant4	5300	26Tone	RU0	6.22	≤11.00	PASS
			52Tone	RU37	6.25	≤11.00	PASS
			106Tone	RU53	6.36	≤11.00	PASS



	total	5300	26Tone	RU0	9.58	≤11.00	PASS
			52Tone	RU37	9.49	≤11.00	PASS
			106Tone	RU53	9.66	≤11.00	PASS
	Ant5	5320	26Tone	RU8	6.52	≤11.00	PASS
			52Tone	RU40	6.15	≤11.00	PASS
			106Tone	RU54	6.6	≤11.00	PASS
	Ant4	5320	26Tone	RU8	5.6	≤11.00	PASS
			52Tone	RU40	5.68	≤11.00	PASS
			106Tone	RU54	5.81	≤11.00	PASS
	total	5320	26Tone	RU8	9.09	≤11.00	PASS
			52Tone	RU40	8.93	≤11.00	PASS
			106Tone	RU54	9.23	≤11.00	PASS
	Ant5	5500	26Tone	RU0	6.71	≤11.00	PASS
			52Tone	RU37	6.72	≤11.00	PASS
			106Tone	RU53	6.79	≤11.00	PASS
	Ant4	5500	26Tone	RU0	6.01	≤11.00	PASS
			52Tone	RU37	6.1	≤11.00	PASS
			106Tone	RU53	6.05	≤11.00	PASS
	total	5500	26Tone	RU0	9.38	≤11.00	PASS
			52Tone	RU37	9.43	≤11.00	PASS
			106Tone	RU53	9.45	≤11.00	PASS
	Ant5	5580	26Tone	RU0	6.52	≤11.00	PASS
			52Tone	RU37	6.62	≤11.00	PASS
			106Tone	RU53	6.98	≤11.00	PASS
	Ant4	5580	26Tone	RU0	5.63	≤11.00	PASS
			52Tone	RU37	5.79	≤11.00	PASS
			106Tone	RU53	5.86	≤11.00	PASS
total	5580	26Tone	RU0	9.11	≤11.00	PASS	
		52Tone	RU37	9.24	≤11.00	PASS	
		106Tone	RU53	9.47	≤11.00	PASS	
Ant5	5700	26Tone	RU8	5.54	≤11.00	PASS	
		52Tone	RU40	5.61	≤11.00	PASS	
		106Tone	RU54	5.96	≤11.00	PASS	
Ant4	5700	26Tone	RU8	5.32	≤11.00	PASS	
		52Tone	RU40	5.24	≤11.00	PASS	
		106Tone	RU54	5.32	≤11.00	PASS	
total	5700	26Tone	RU8	8.44	≤11.00	PASS	
		52Tone	RU40	8.44	≤11.00	PASS	
		106Tone	RU54	8.66	≤11.00	PASS	
Ant5	5720	26Tone	RU8	6.67	≤11.00	PASS	
		52Tone	RU40	6.72	≤11.00	PASS	
		106Tone	RU54	6.47	≤11.00	PASS	
Ant4	5720	26Tone	RU8	6.22	≤11.00	PASS	
		52Tone	RU40	6.12	≤11.00	PASS	
		106Tone	RU54	5.9	≤11.00	PASS	
total	5720	26Tone	RU8	9.46	≤11.00	PASS	
		52Tone	RU40	9.44	≤11.00	PASS	
		106Tone	RU54	9.20	≤11.00	PASS	



	Ant5	5745	26Tone	RU0	3.73	≤30.00	PASS
			52Tone	RU37	3.65	≤30.00	PASS
			106Tone	RU53	3.91	≤30.00	PASS
	Ant4	5745	26Tone	RU0	3.41	≤30.00	PASS
			52Tone	RU37	3.43	≤30.00	PASS
			106Tone	RU53	3.39	≤30.00	PASS
	total	5745	26Tone	RU0	6.58	≤30.00	PASS
			52Tone	RU37	6.55	≤30.00	PASS
			106Tone	RU53	6.67	≤30.00	PASS
	Ant5	5785	26Tone	RU0	3.98	≤30.00	PASS
			52Tone	RU37	3.75	≤30.00	PASS
			106Tone	RU53	4.14	≤30.00	PASS
	Ant4	5785	26Tone	RU0	3.02	≤30.00	PASS
			52Tone	RU37	3.07	≤30.00	PASS
			106Tone	RU53	3.14	≤30.00	PASS
	total	5785	26Tone	RU0	6.54	≤30.00	PASS
			52Tone	RU37	6.43	≤30.00	PASS
			106Tone	RU53	6.68	≤30.00	PASS
	Ant5	5825	26Tone	RU8	3.8	≤30.00	PASS
			52Tone	RU40	3.58	≤30.00	PASS
			106Tone	RU54	3.96	≤30.00	PASS
	Ant4	5825	26Tone	RU8	2.81	≤30.00	PASS
			52Tone	RU40	2.77	≤30.00	PASS
			106Tone	RU54	2.89	≤30.00	PASS
total	5825	26Tone	RU8	6.34	≤30.00	PASS	
		52Tone	RU40	6.20	≤30.00	PASS	
		106Tone	RU54	6.47	≤30.00	PASS	

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
 2.The Duty Cycle Factor and is compensated in the graph.



Test Graphs

