





### Maximum power spectral density

#### Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A-CDD	Ant4	5180	6.15	≤11.00	PASS
	Ant5	5180	6.71	≤11.00	PASS
	total	5180	9.45	≤11.00	PASS
	Ant4	5220	5.97	≤11.00	PASS
	Ant5	5220	6.98	≤11.00	PASS
	total	5220	9.51	≤11.00	PASS
	Ant4	5240	6.5	≤11.00	PASS
	Ant5	5240	7.19	≤11.00	PASS
	total	5240	9.87	≤11.00	PASS
	Ant4	5260	6.2	≤11.00	PASS
	Ant5	5260	6.89	≤11.00	PASS
	total	5260	9.57	≤11.00	PASS
	Ant4	5300	6.74	≤11.00	PASS
	Ant5	5300	7.09	≤11.00	PASS
	total	5300	9.93	≤11.00	PASS
	Ant4	5320	6.46	≤11.00	PASS
	Ant5	5320	6.81	≤11.00	PASS
	total	5320	9.65	≤11.00	PASS
	Ant4	5500	6.58	≤11.00	PASS
	Ant5	5500	7.31	≤11.00	PASS
	total	5500	9.97	≤11.00	PASS
	Ant4	5580	6.86	≤11.00	PASS
	Ant5	5580	6.64	≤11.00	PASS
	total	5580	9.76	≤11.00	PASS
	Ant4	5700	6.7	≤11.00	PASS
	Ant5	5700	6.69	≤11.00	PASS
	total	5700	9.71	≤11.00	PASS
	Ant4	5720_UNII-2C	6.93	≤11.00	PASS
	Ant5	5720_UNII-2C	6.81	≤11.00	PASS
	total	5720_UNII-2C	9.88	≤11.00	PASS
Ant4	5720_UNII-3	1.64	≤30.00	PASS	
Ant5	5720_UNII-3	1.2	≤30.00	PASS	
total	5720_UNII-3	4.44	≤30.00	PASS	



	Ant4	5745	5.63	≤30.00	PASS
	Ant5	5745	5.51	≤30.00	PASS
	total	5745	8.58	≤30.00	PASS
	Ant4	5785	5.62	≤30.00	PASS
	Ant5	5785	5.42	≤30.00	PASS
	total	5785	8.53	≤30.00	PASS
	Ant4	5825	5.53	≤30.00	PASS
	Ant5	5825	5.44	≤30.00	PASS
	total	5825	8.50	≤30.00	PASS
11AX20MIMO	Ant4	5180	6.77	≤11.00	PASS
	Ant5	5180	7.13	≤11.00	PASS
	total	5180	9.96	≤11.00	PASS
	Ant4	5220	6.45	≤11.00	PASS
	Ant5	5220	7.41	≤11.00	PASS
	total	5220	9.97	≤11.00	PASS
	Ant4	5240	6.43	≤11.00	PASS
	Ant5	5240	7.03	≤11.00	PASS
	total	5240	9.75	≤11.00	PASS
	Ant4	5260	6.67	≤11.00	PASS
	Ant5	5260	7.25	≤11.00	PASS
	total	5260	9.98	≤11.00	PASS
	Ant4	5300	6.46	≤11.00	PASS
	Ant5	5300	7.07	≤11.00	PASS
	total	5300	9.79	≤11.00	PASS
	Ant4	5320	6.29	≤11.00	PASS
	Ant5	5320	6.85	≤11.00	PASS
	total	5320	9.59	≤11.00	PASS
	Ant4	5500	6.43	≤11.00	PASS
	Ant5	5500	7.22	≤11.00	PASS
	total	5500	9.85	≤11.00	PASS
	Ant4	5580	6.62	≤11.00	PASS
	Ant5	5580	6.53	≤11.00	PASS
	total	5580	9.59	≤11.00	PASS
	Ant4	5700	6.49	≤11.00	PASS
	Ant5	5700	6.6	≤11.00	PASS
	total	5700	9.56	≤11.00	PASS
	Ant4	5720_UNII-2C	6.81	≤11.00	PASS
	Ant5	5720_UNII-2C	6.81	≤11.00	PASS



	total	5720_UNII-2C	9.82	≤11.00	PASS	
	Ant4	5720_UNII-3	1.96	≤30.00	PASS	
	Ant5	5720_UNII-3	1.5	≤30.00	PASS	
	total	5720_UNII-3	4.75	≤30.00	PASS	
	Ant4	5745	5.04	≤30.00	PASS	
	Ant5	5745	5.09	≤30.00	PASS	
	total	5745	8.08	≤30.00	PASS	
	Ant4	5785	5.05	≤30.00	PASS	
	Ant5	5785	4.94	≤30.00	PASS	
	total	5785	8.01	≤30.00	PASS	
	Ant4	5825	4.98	≤30.00	PASS	
	Ant5	5825	4.79	≤30.00	PASS	
	total	5825	7.90	≤30.00	PASS	
11AX40MIMO	Ant4	5190	2.19	≤11.00	PASS	
	Ant5	5190	2.8	≤11.00	PASS	
	total	5190	5.52	≤11.00	PASS	
	Ant4	5230	2.09	≤11.00	PASS	
	Ant5	5230	3.27	≤11.00	PASS	
	total	5230	5.73	≤11.00	PASS	
	Ant4	5270	2.81	≤11.00	PASS	
	Ant5	5270	3.4	≤11.00	PASS	
	total	5270	6.13	≤11.00	PASS	
	Ant4	5310	2.76	≤11.00	PASS	
	Ant5	5310	3.21	≤11.00	PASS	
	total	5310	6.00	≤11.00	PASS	
	Ant4	5510	2.74	≤11.00	PASS	
	Ant5	5510	3.47	≤11.00	PASS	
	total	5510	6.13	≤11.00	PASS	
	Ant4	5550	2.92	≤11.00	PASS	
	Ant5	5550	3.25	≤11.00	PASS	
	total	5550	6.10	≤11.00	PASS	
	Ant4	5670	2.86	≤11.00	PASS	
	Ant5	5670	2.62	≤11.00	PASS	
	total	5670	5.75	≤11.00	PASS	
		Ant4	5710_UNII-2C	3.05	≤11.00	PASS
		Ant5	5710_UNII-2C	3.32	≤11.00	PASS
		total	5710_UNII-2C	6.20	≤11.00	PASS
	Ant4	5710_UNII-3	-2.65	≤30.00	PASS	

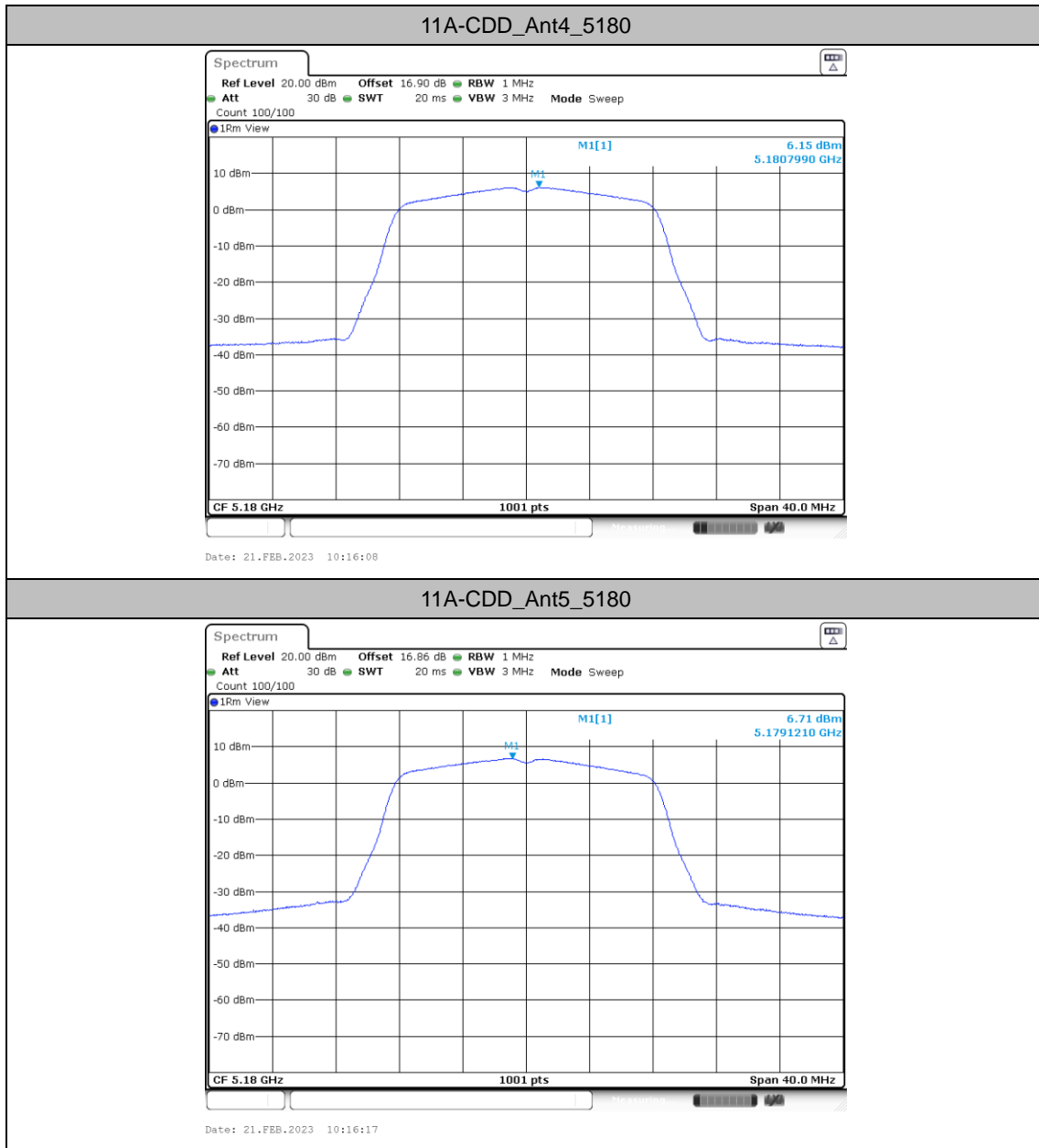


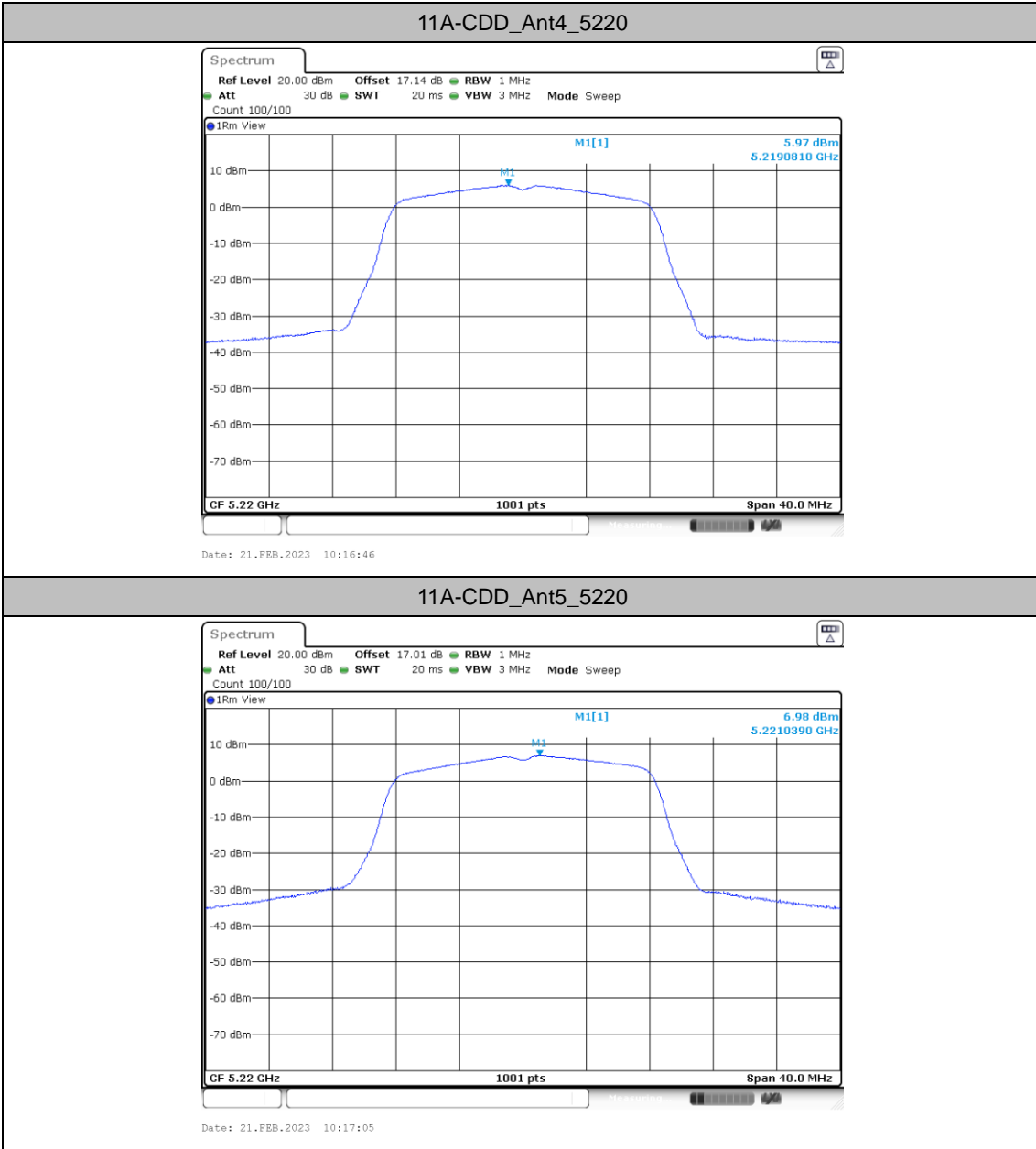
	Ant5	5710_UNII-3	-2.94	≤30.00	PASS
	total	5710_UNII-3	0.22	≤30.00	PASS
	Ant4	5755	0.33	≤30.00	PASS
	Ant5	5755	0.05	≤30.00	PASS
	total	5755	3.20	≤30.00	PASS
	Ant4	5795	0.36	≤30.00	PASS
	Ant5	5795	0.79	≤30.00	PASS
	total	5795	3.59	≤30.00	PASS
11AX80MIMO	Ant4	5210	-1.65	≤11.00	PASS
	Ant5	5210	1.35	≤11.00	PASS
	total	5210	3.11	≤11.00	PASS
	Ant4	5290	-1.41	≤11.00	PASS
	Ant5	5290	-0.09	≤11.00	PASS
	total	5290	2.31	≤11.00	PASS
	Ant4	5530	-1.1	≤11.00	PASS
	Ant5	5530	-0.28	≤11.00	PASS
	total	5530	2.34	≤11.00	PASS
	Ant4	5610	-0.94	≤11.00	PASS
	Ant5	5610	-0.59	≤11.00	PASS
	total	5610	2.25	≤11.00	PASS
	Ant4	5690_UNII-2C	-1.31	≤11.00	PASS
	Ant5	5690_UNII-2C	-0.96	≤11.00	PASS
	total	5690_UNII-2C	1.88	≤11.00	PASS
	Ant4	5690_UNII-3	-5.69	≤30.00	PASS
	Ant5	5690_UNII-3	-5.74	≤30.00	PASS
	total	5690_UNII-3	-2.70	≤30.00	PASS
	Ant4	5775	-4.02	≤30.00	PASS
	Ant5	5775	-3.63	≤30.00	PASS
total	5775	-0.81	≤30.00	PASS	

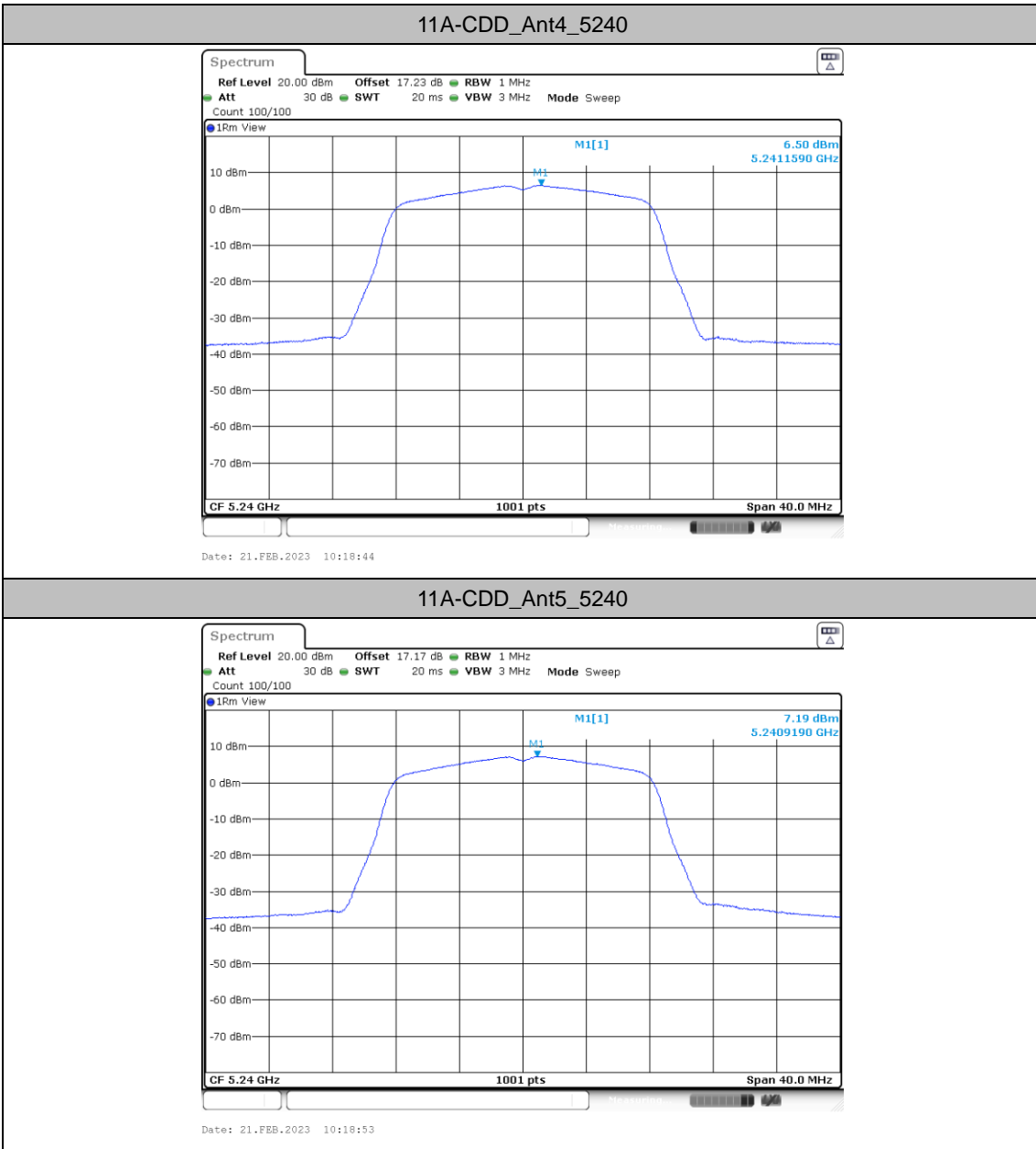
**Note:** 1. The Result and Limit Unit is 30 dBm/500 kHz in the band 5.725–5.85 GHz.  
 2. The Duty Cycle Factor and RBW Factor is compensated in the graph.

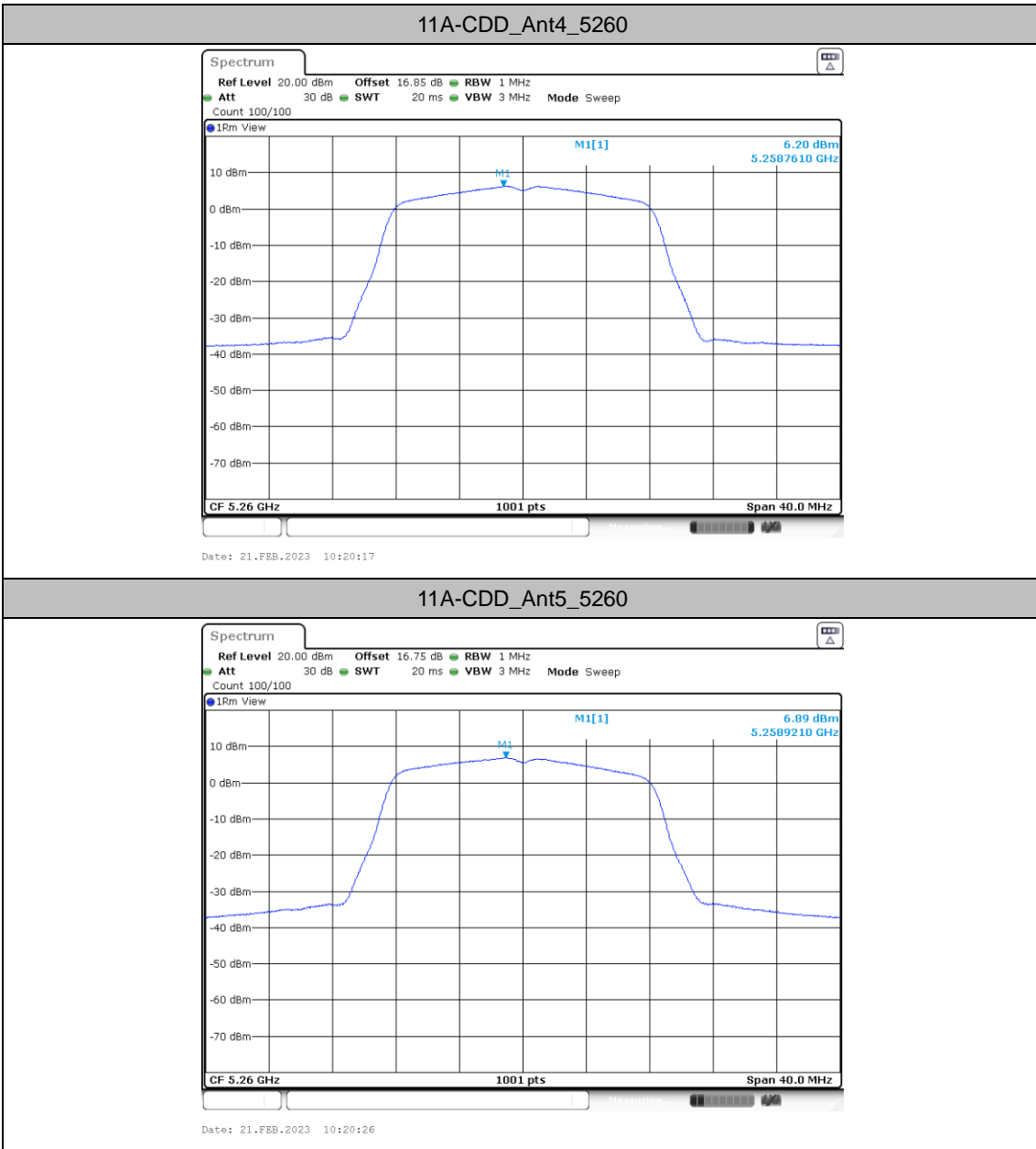


### Test Graphs

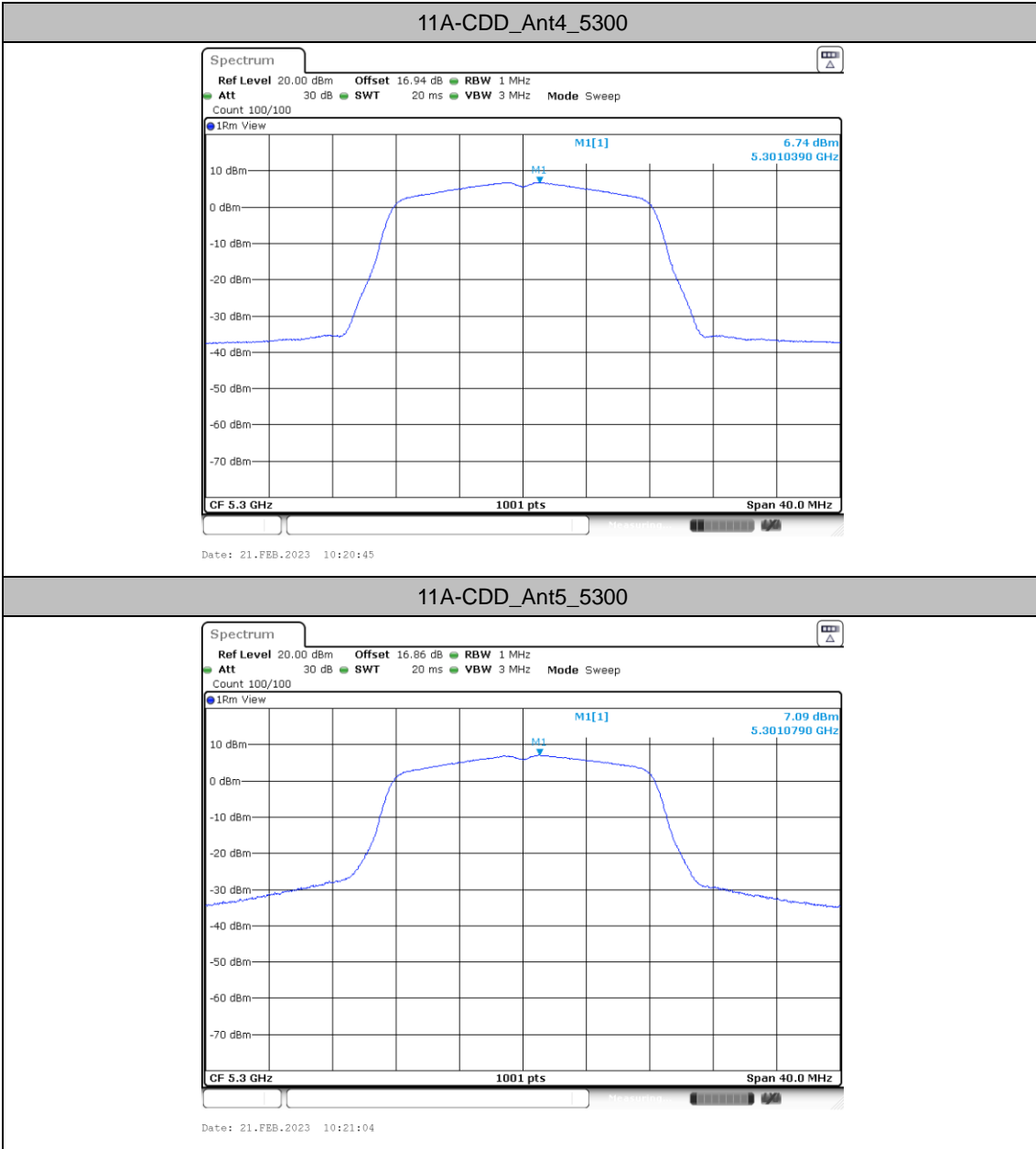


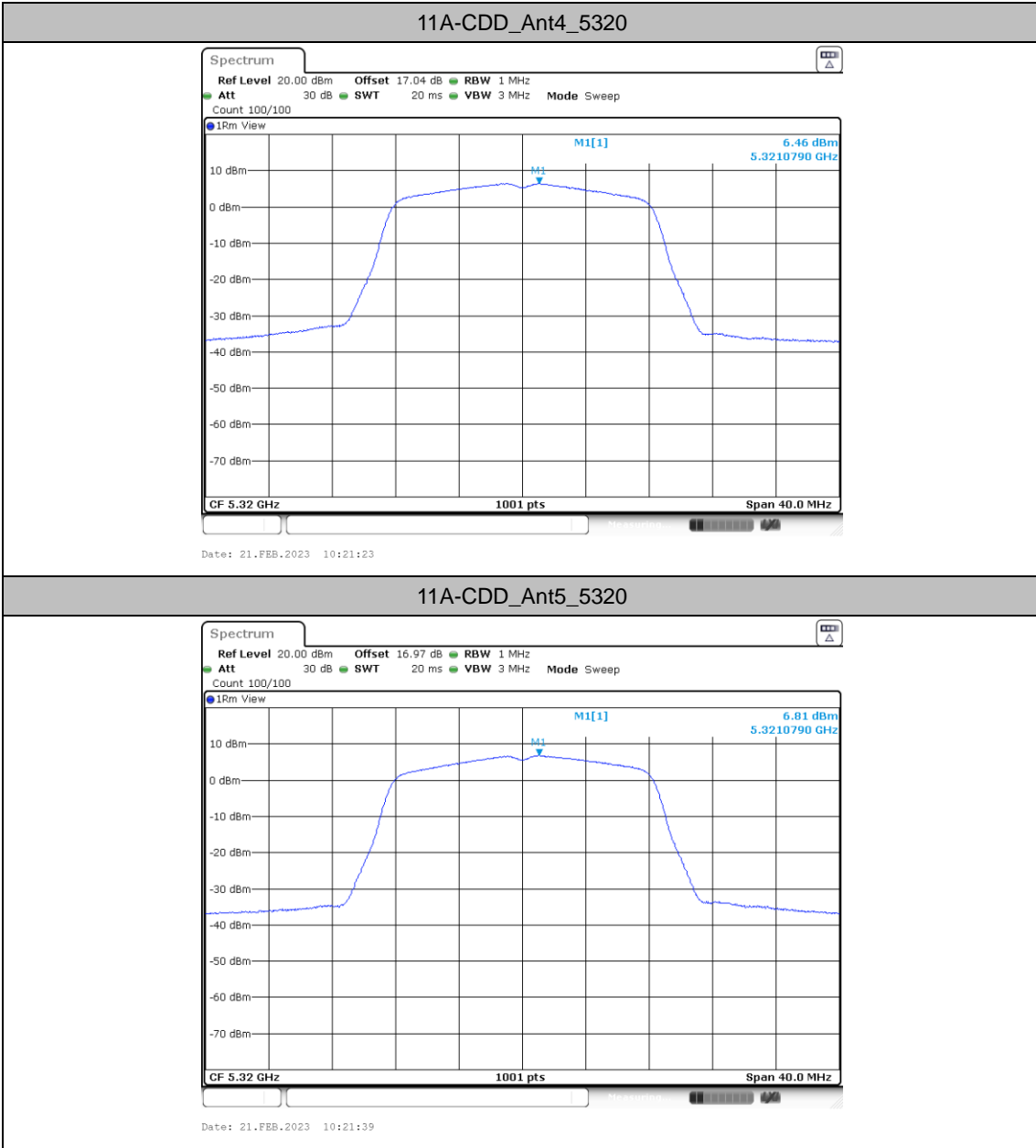


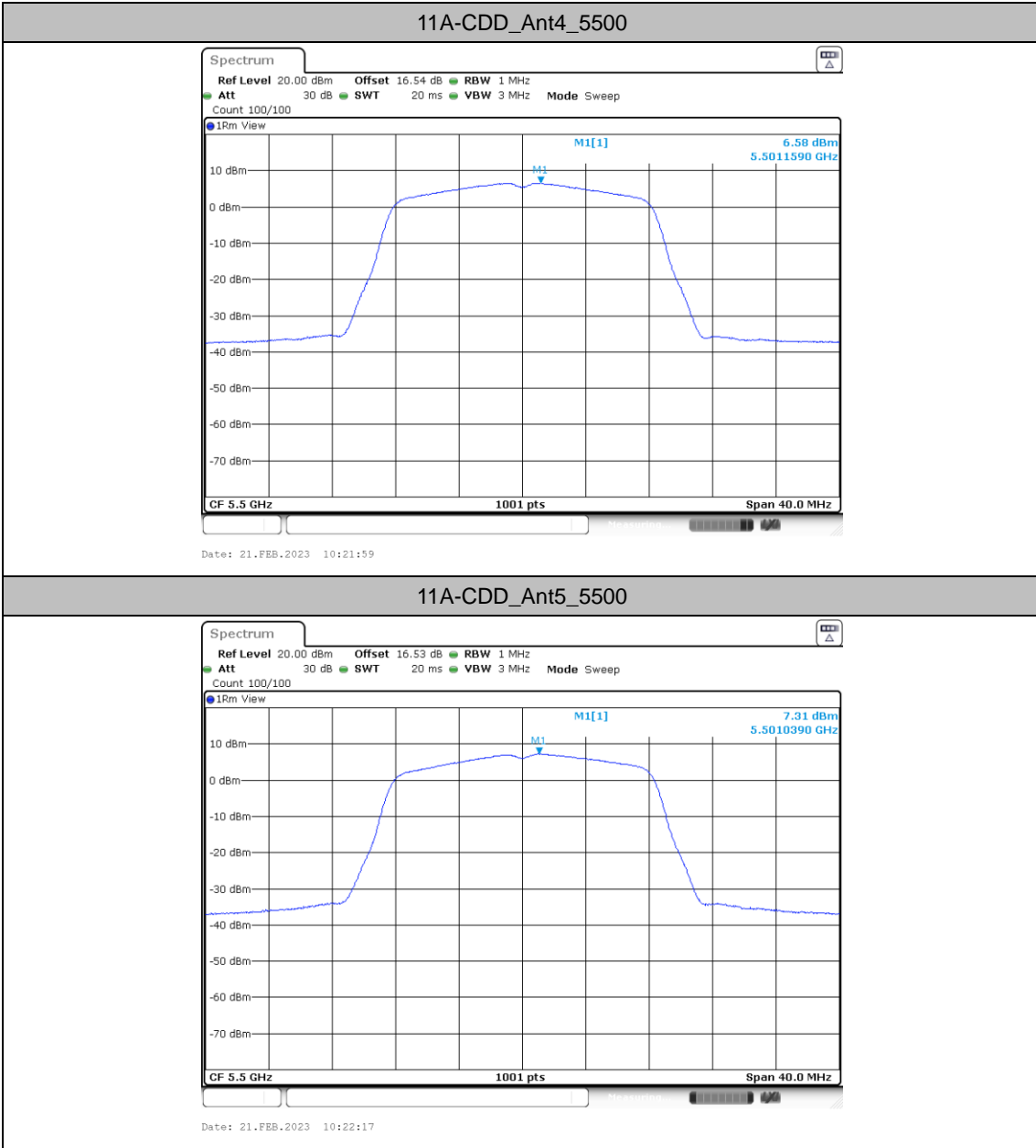


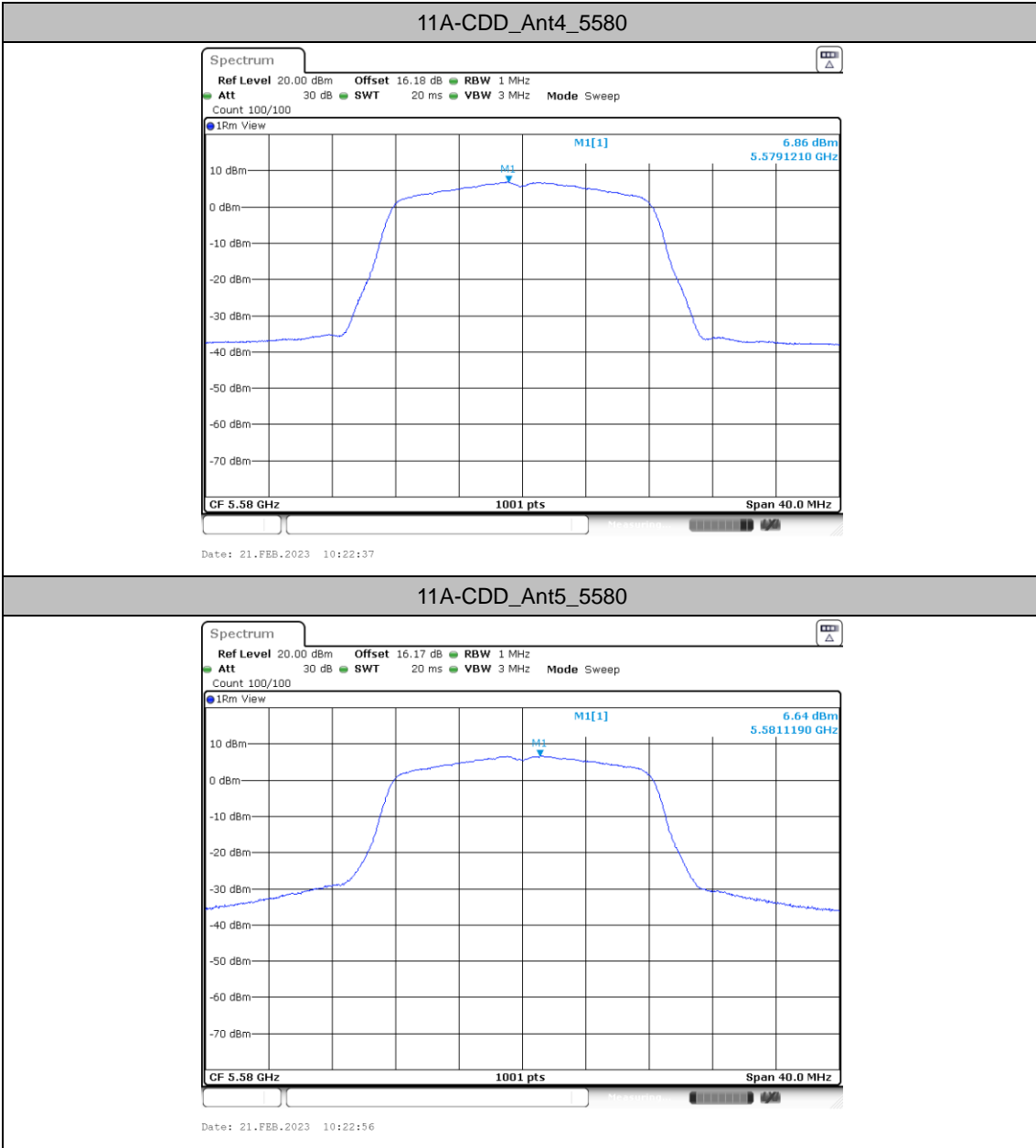


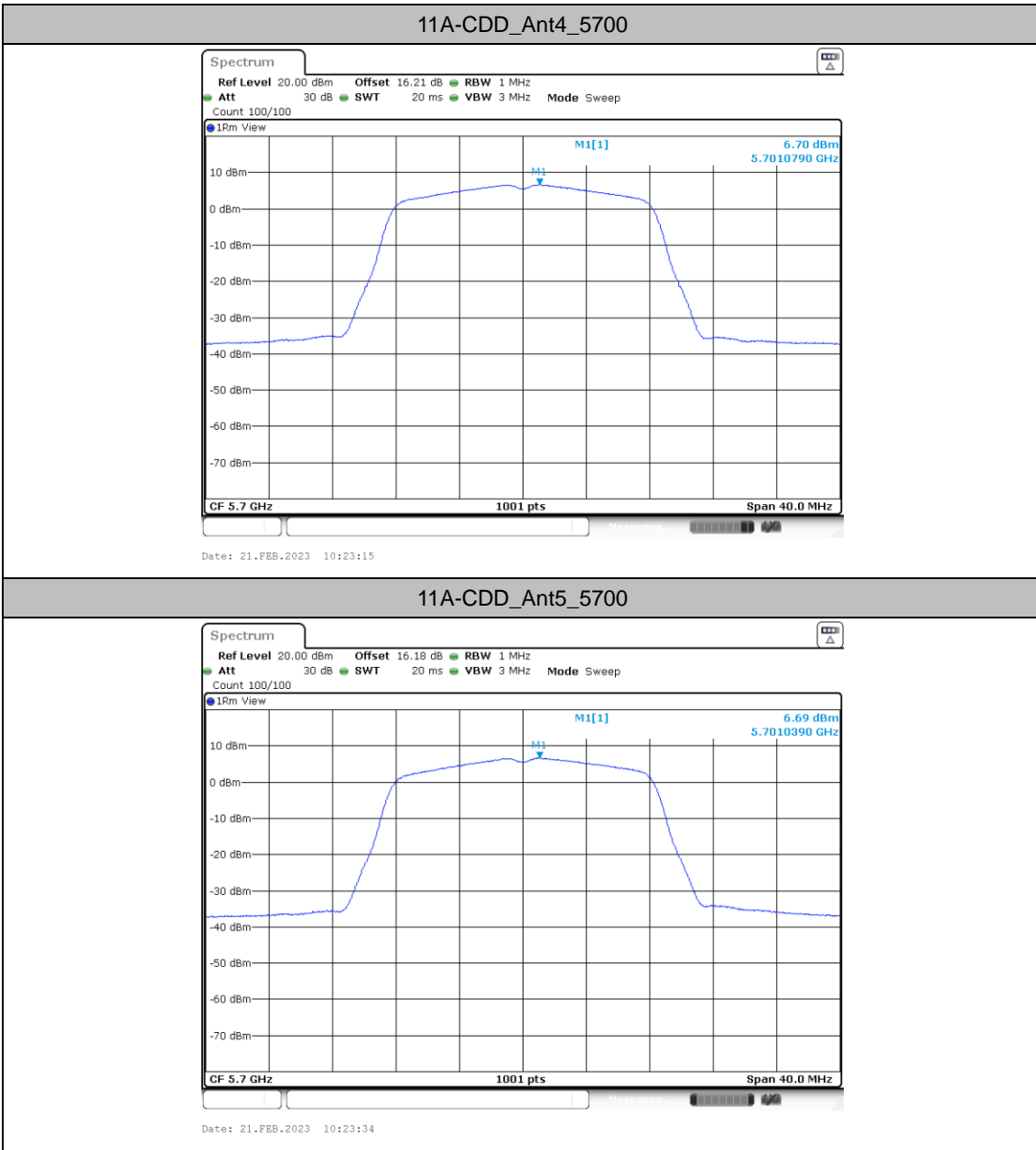


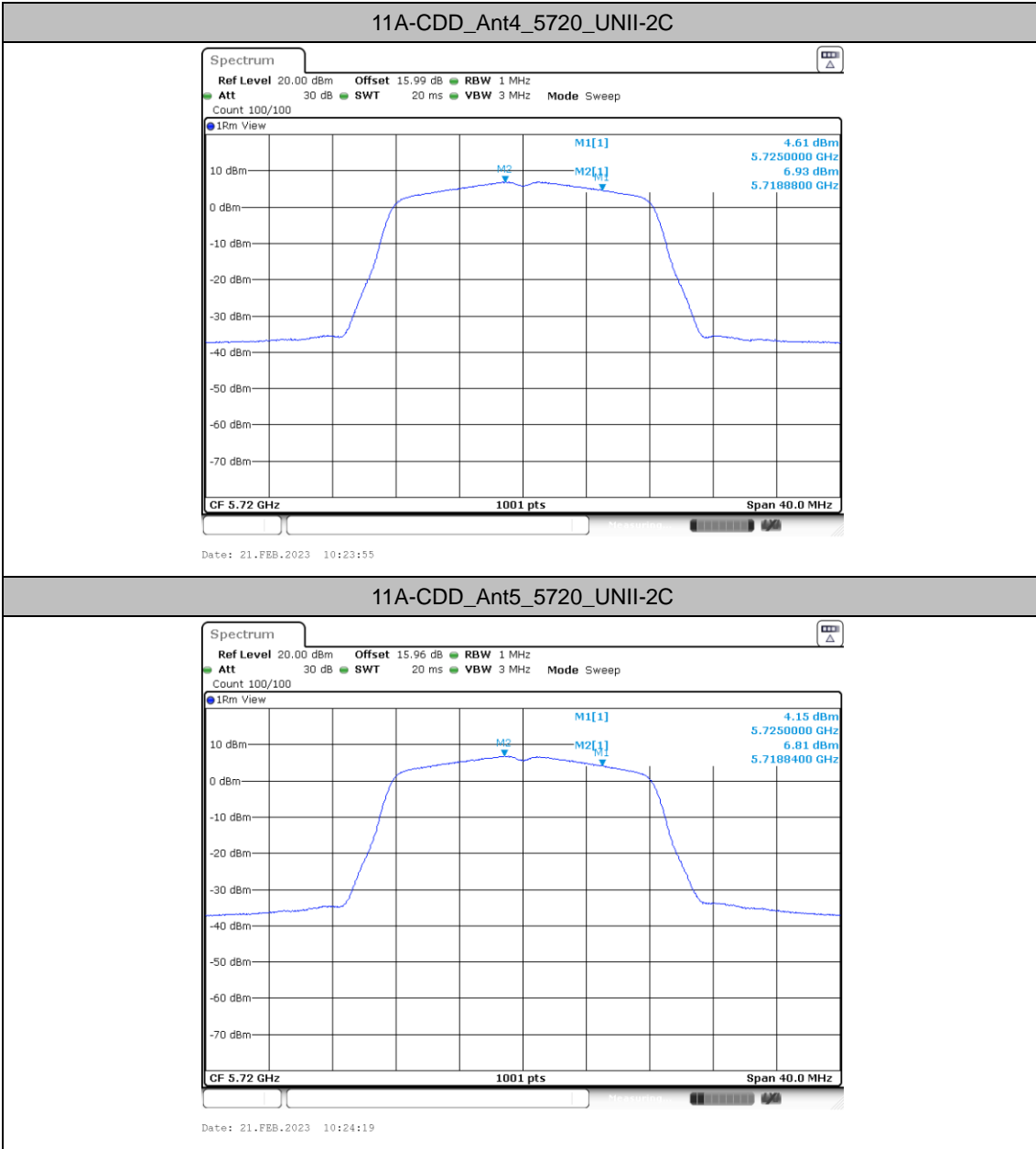


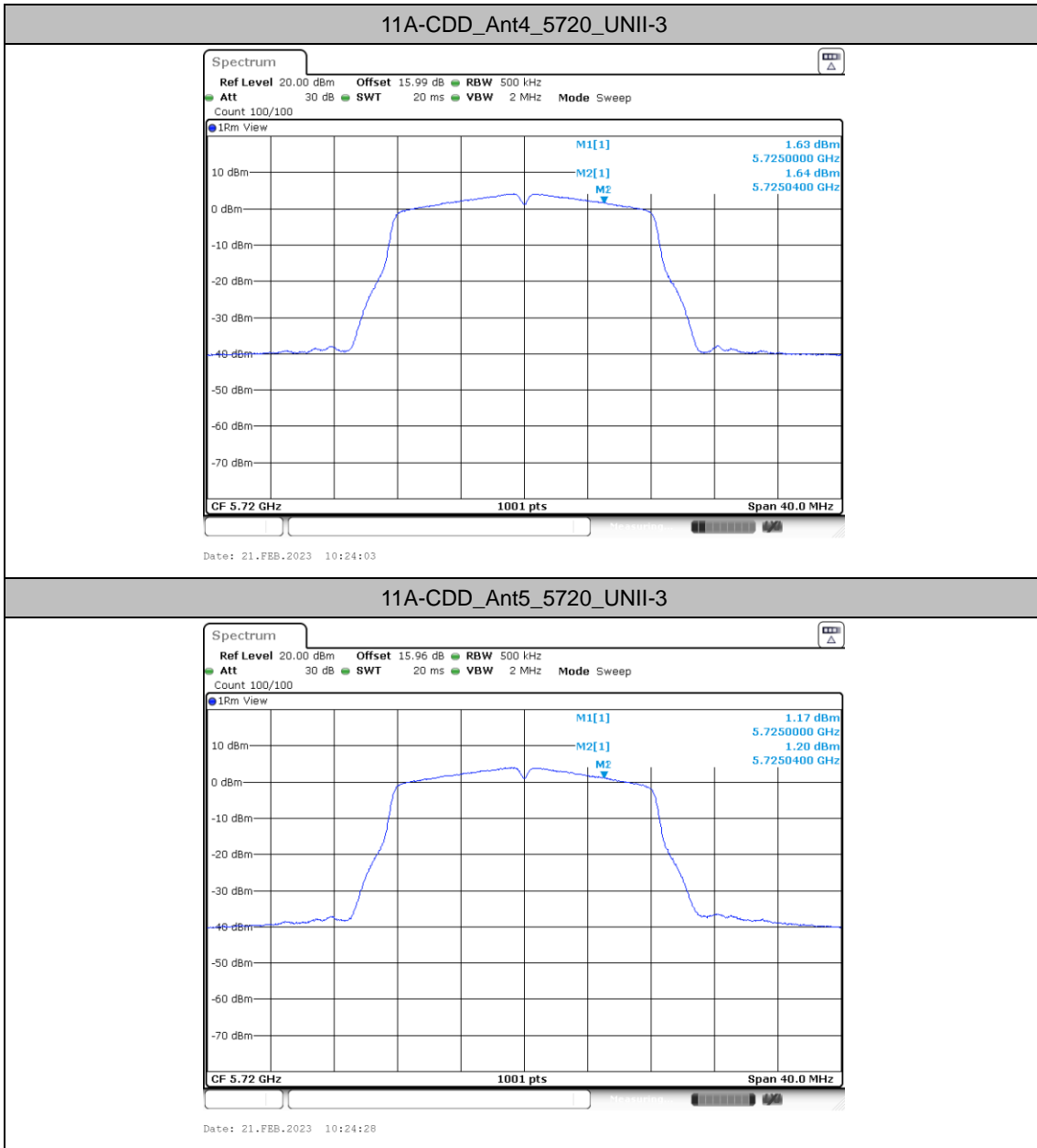


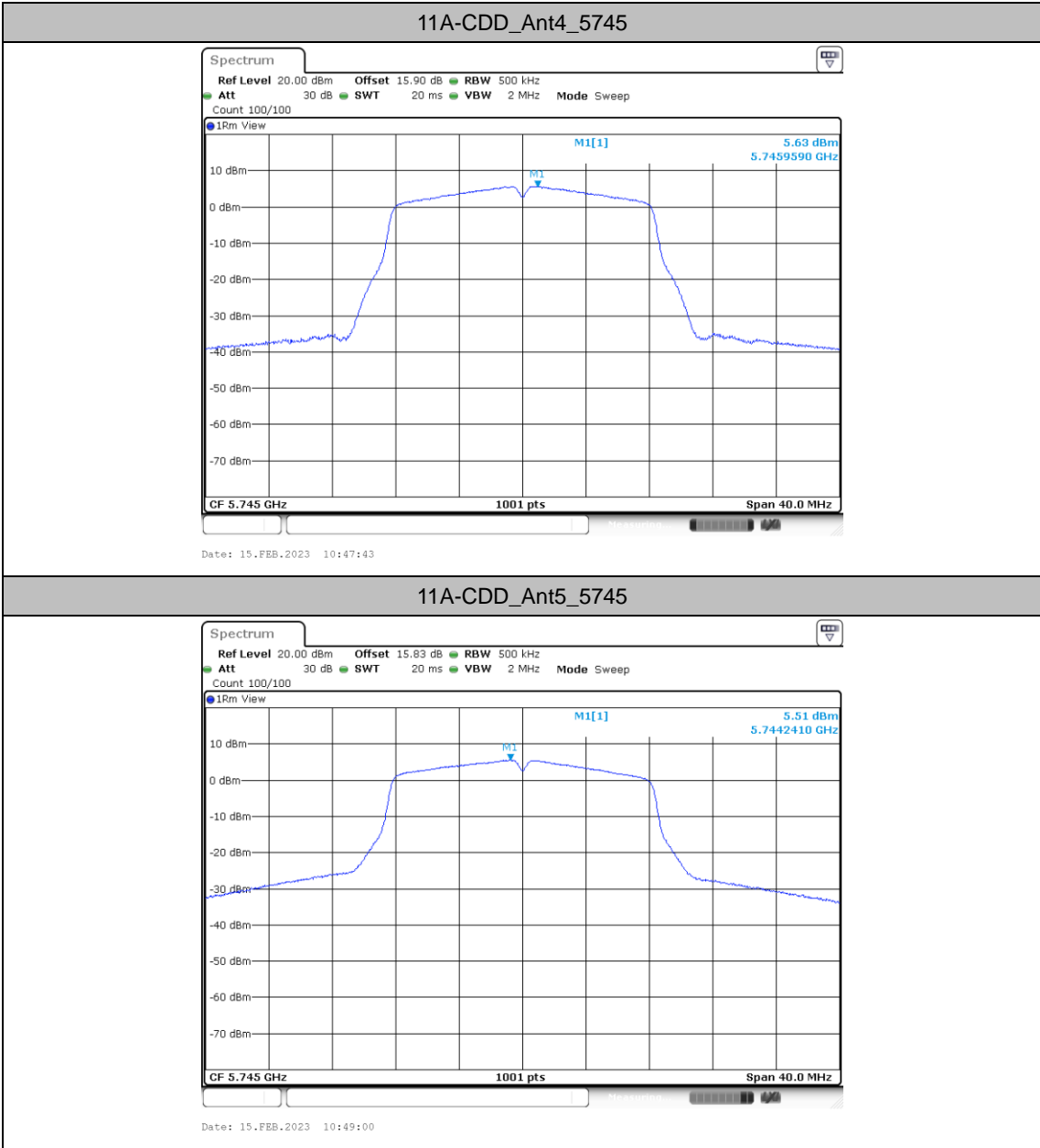




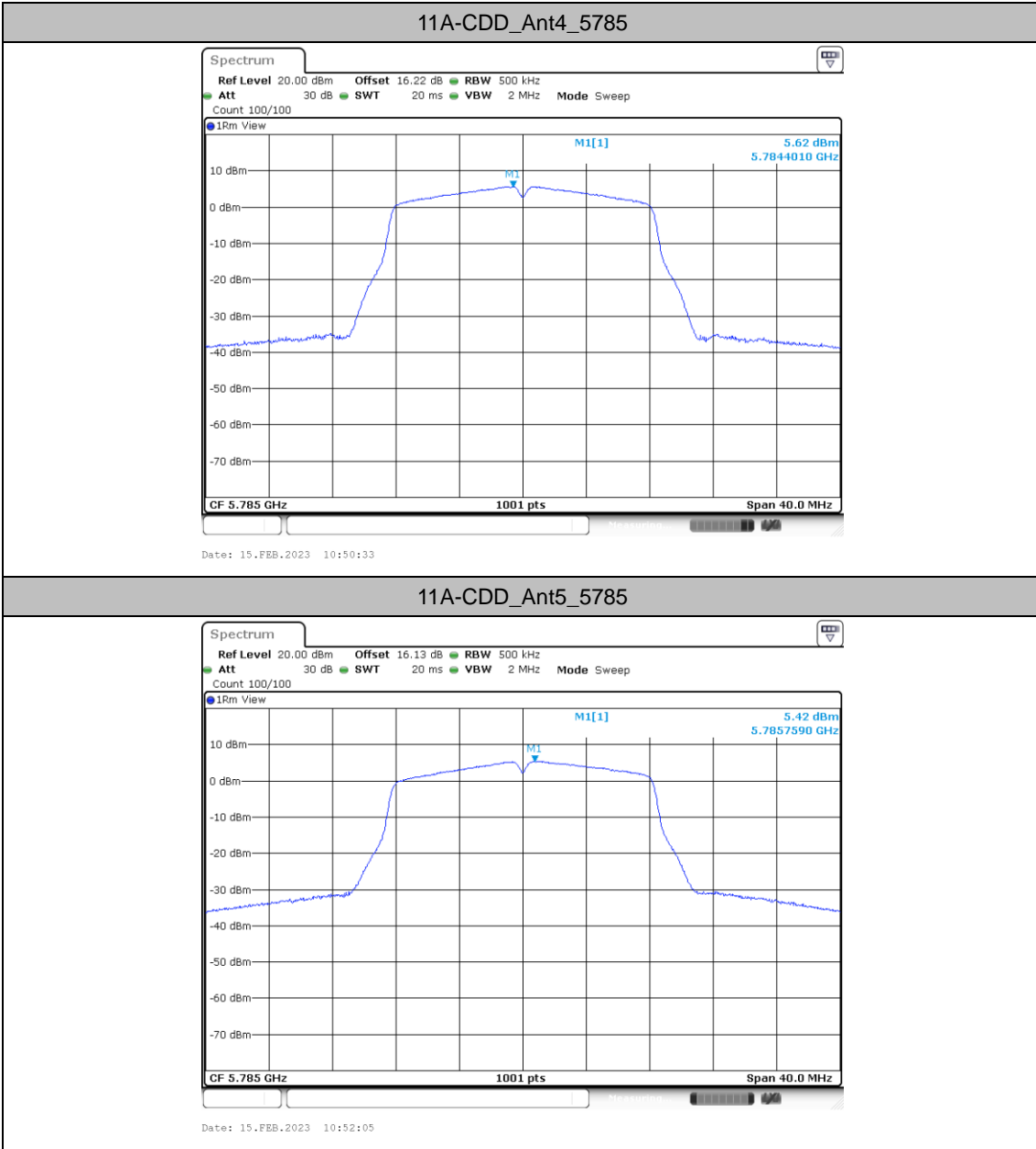


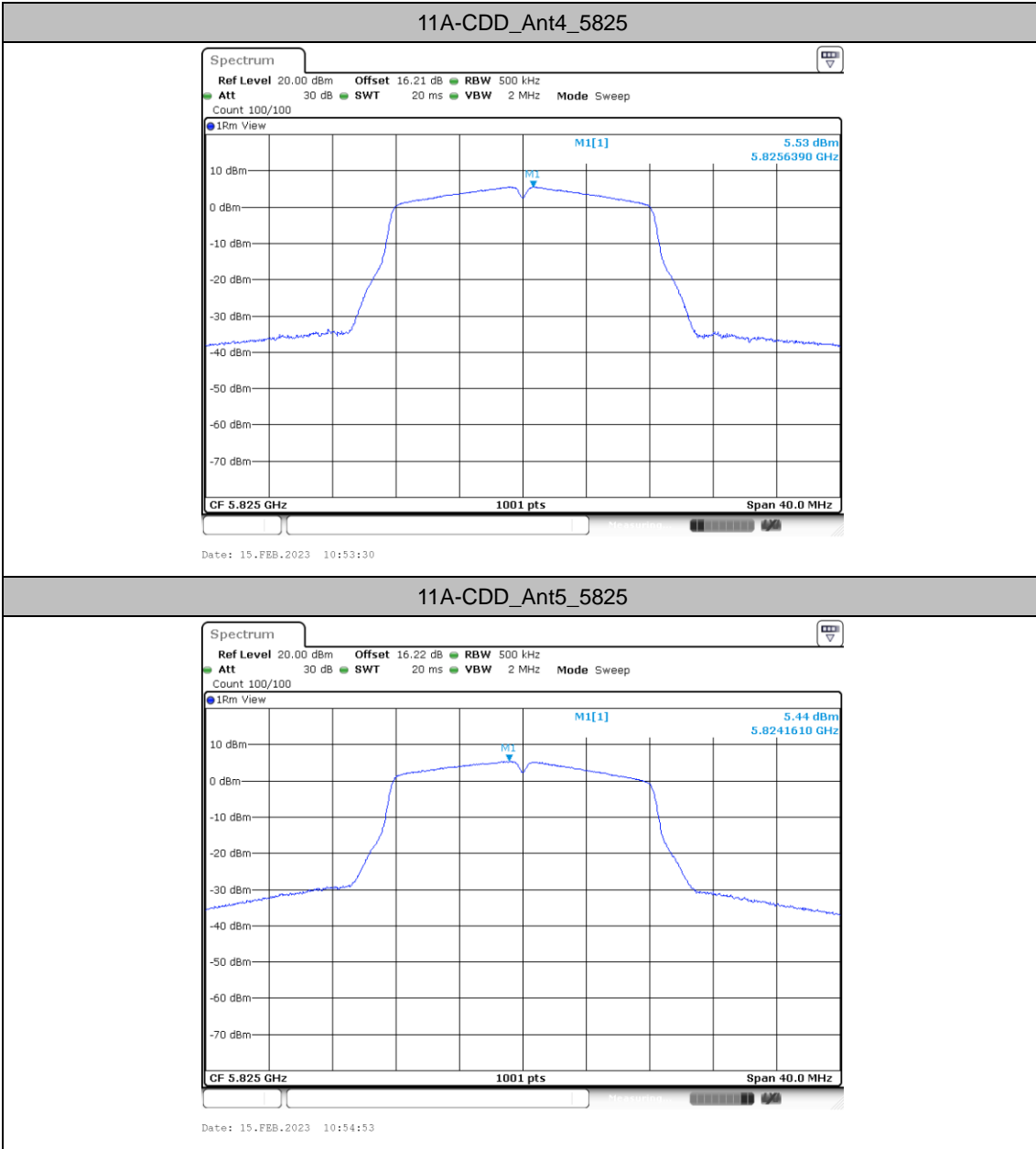


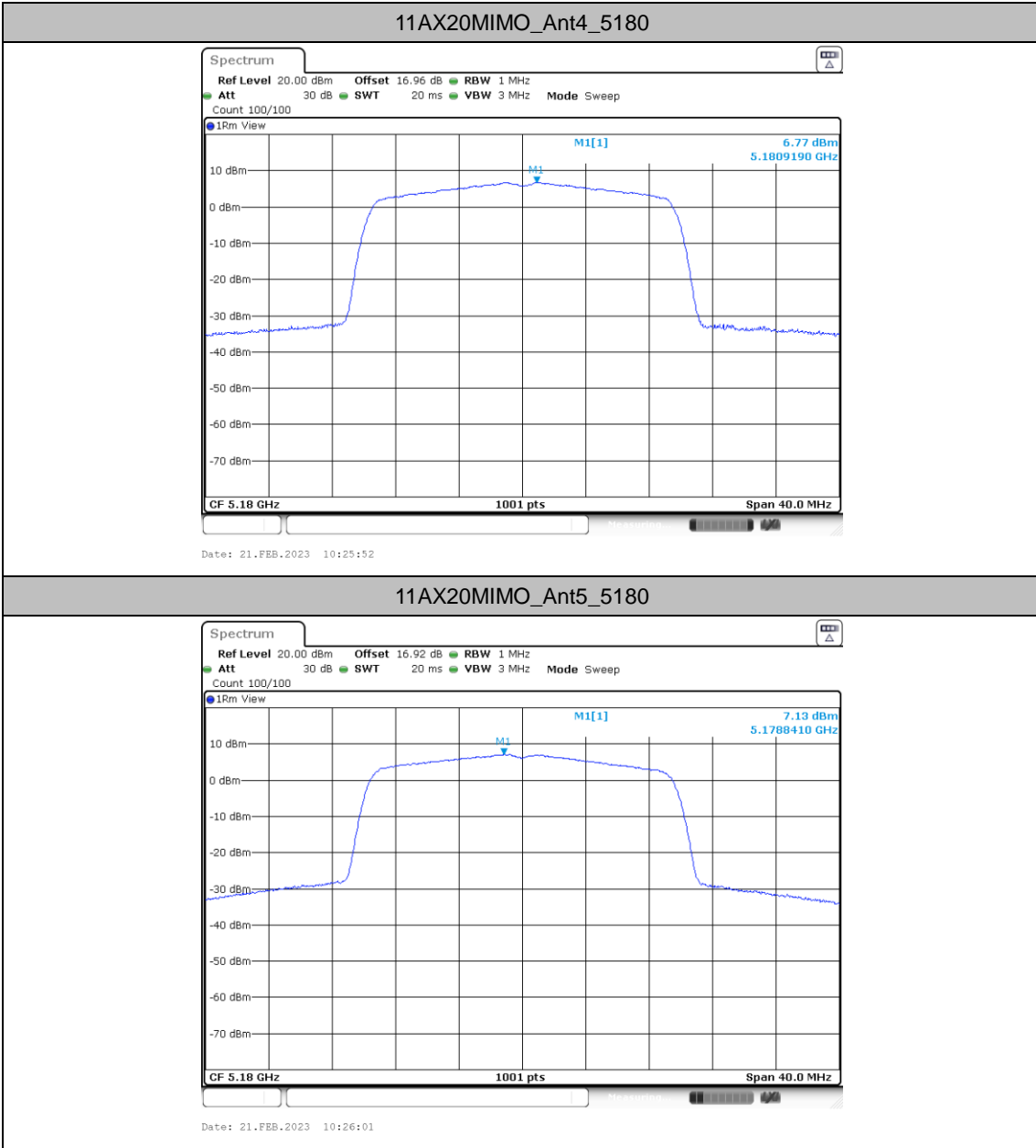


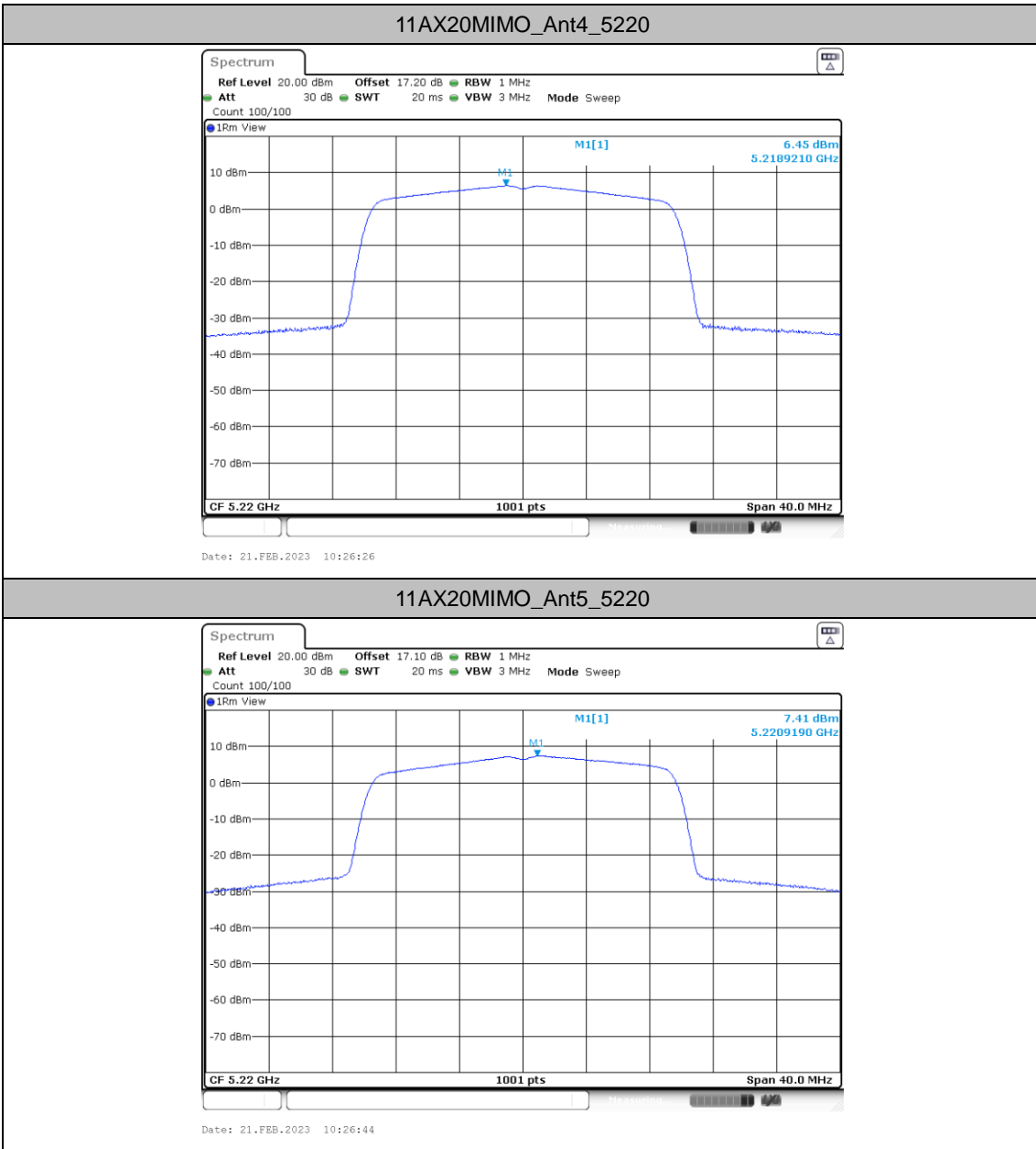


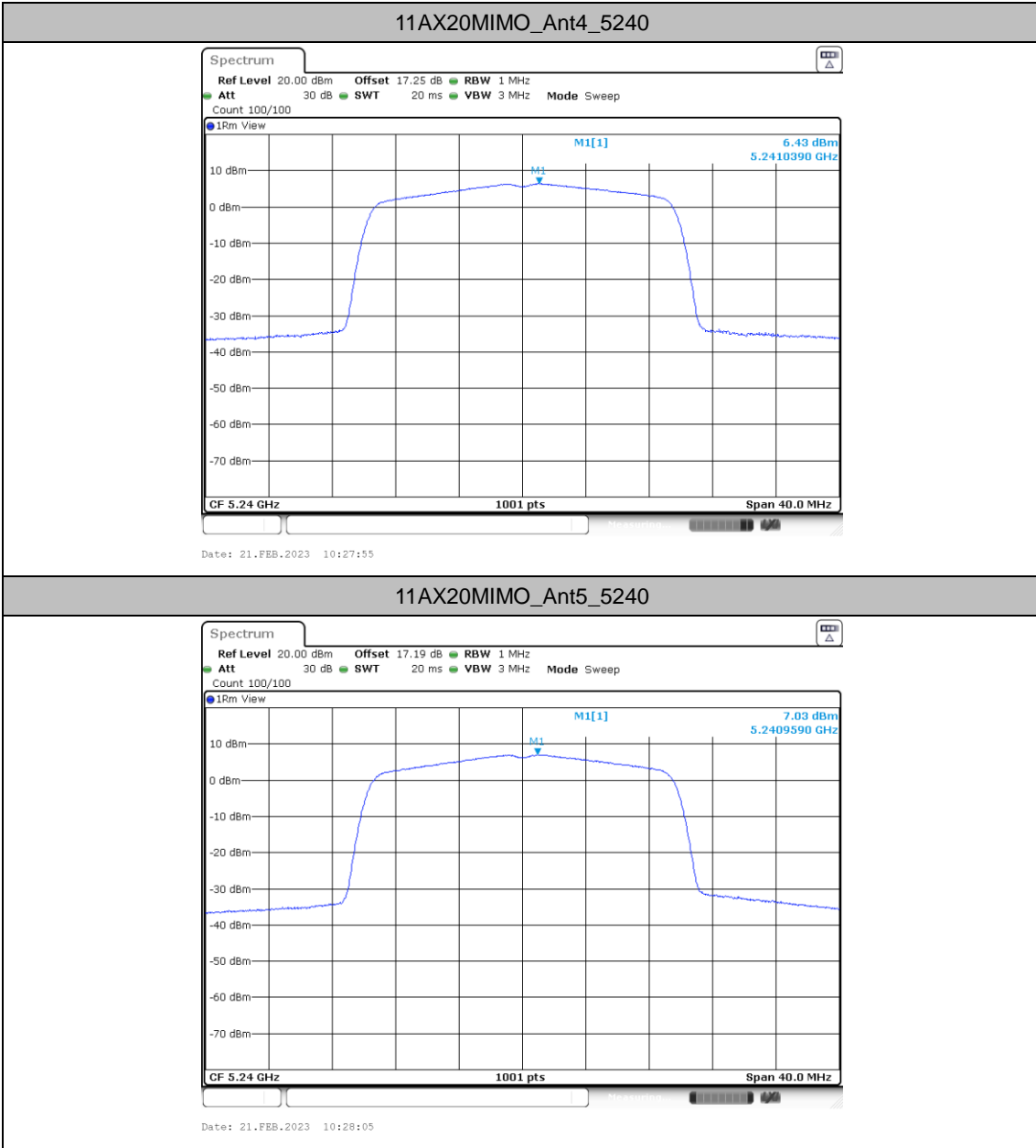


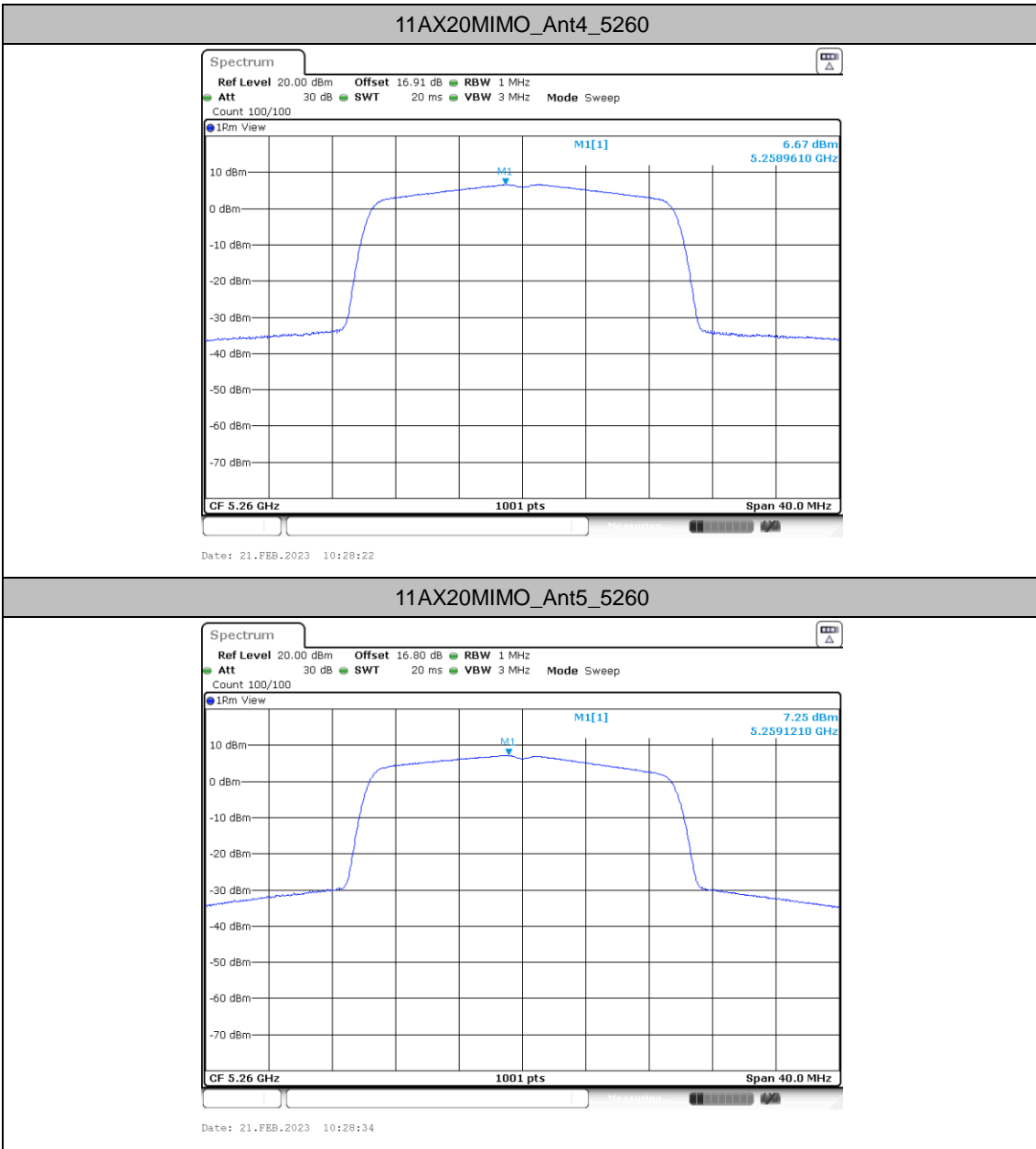


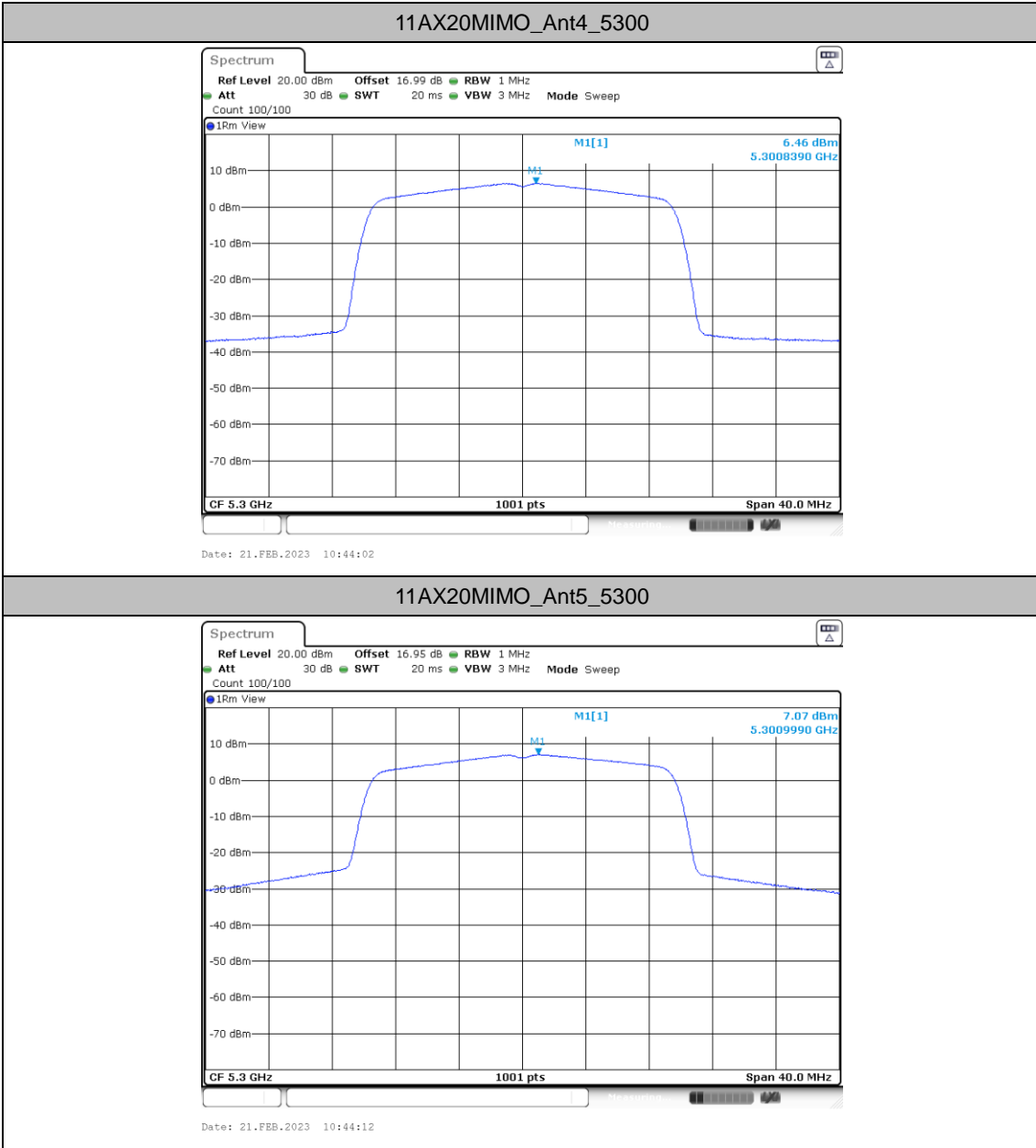


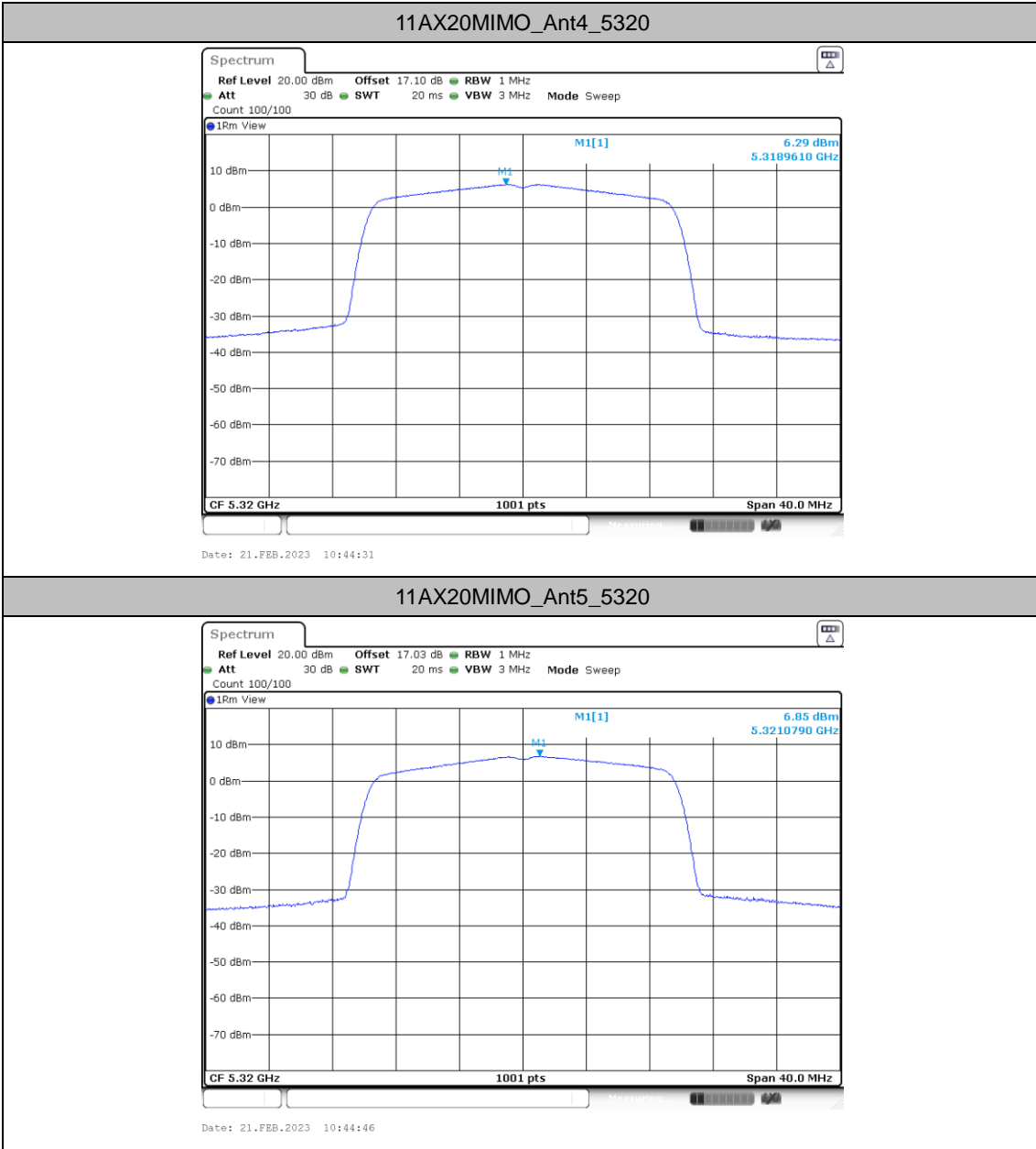




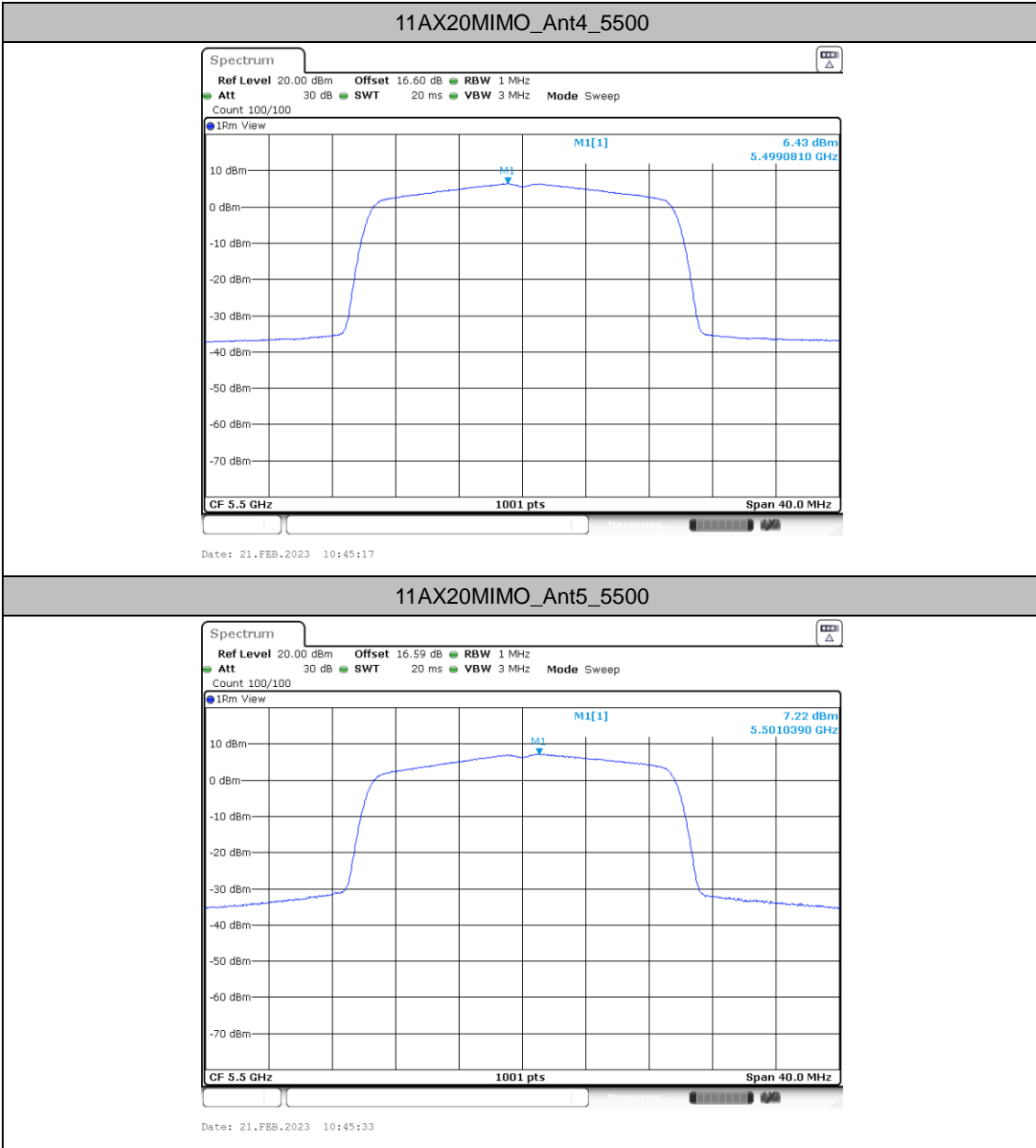


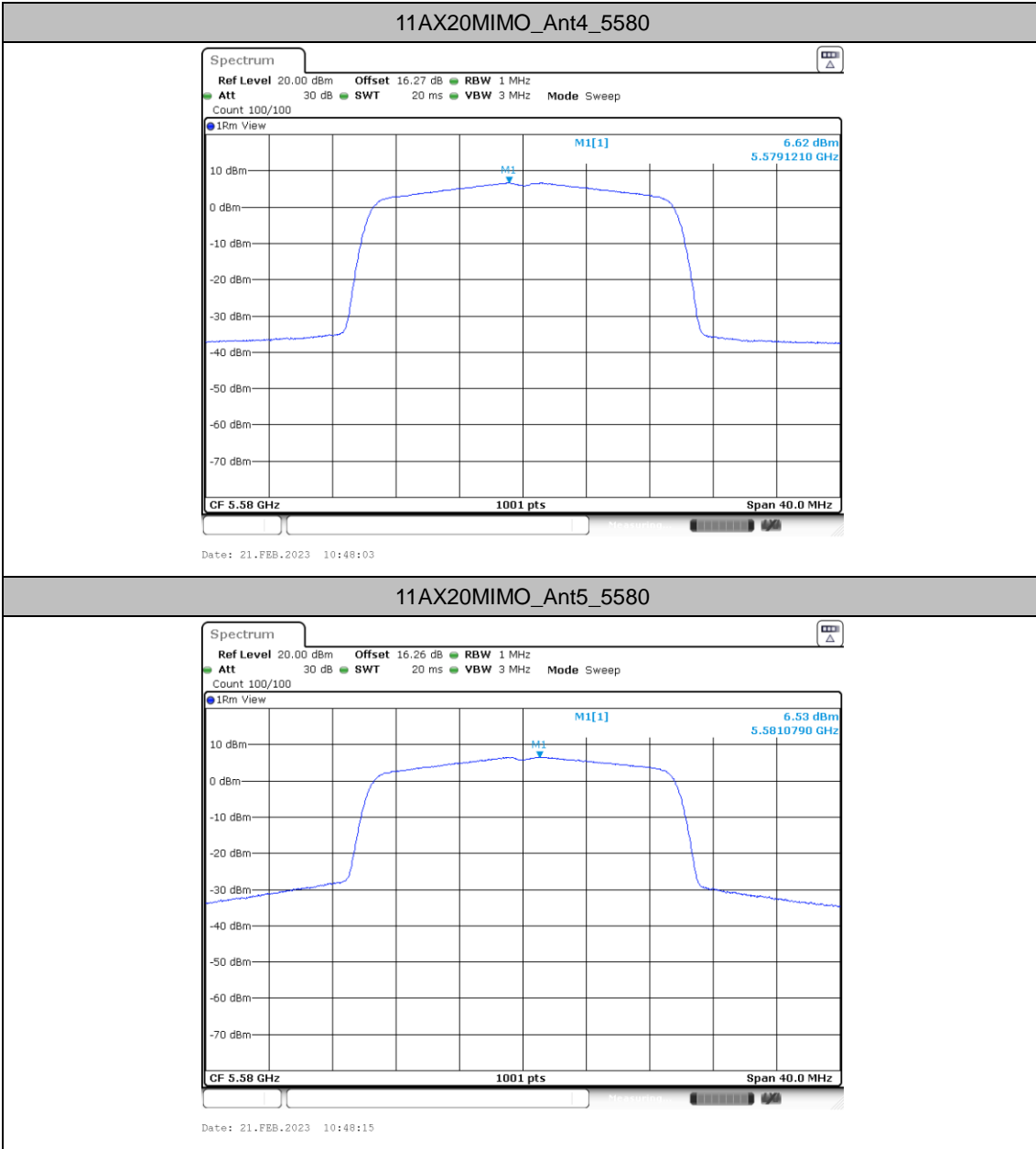


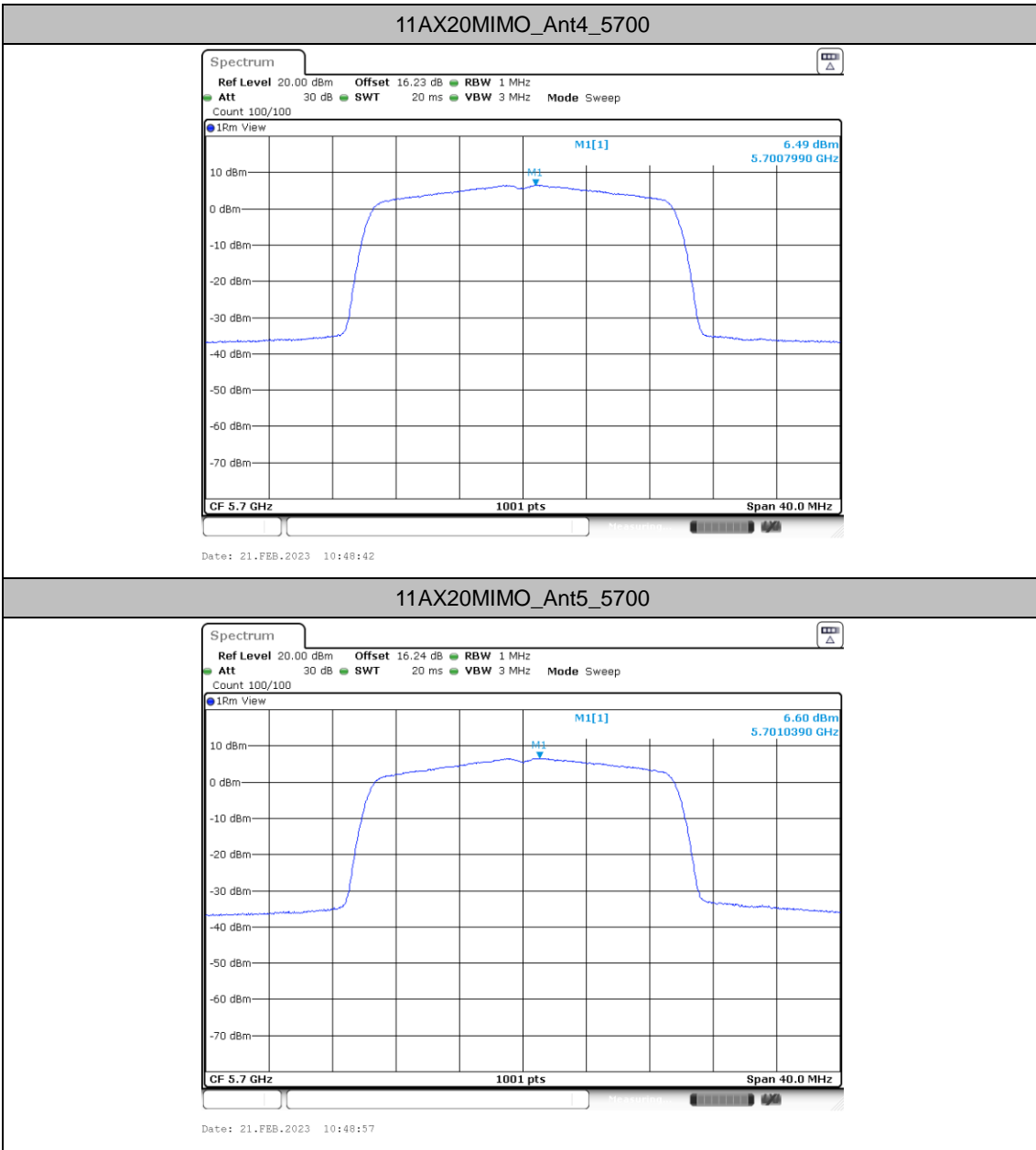


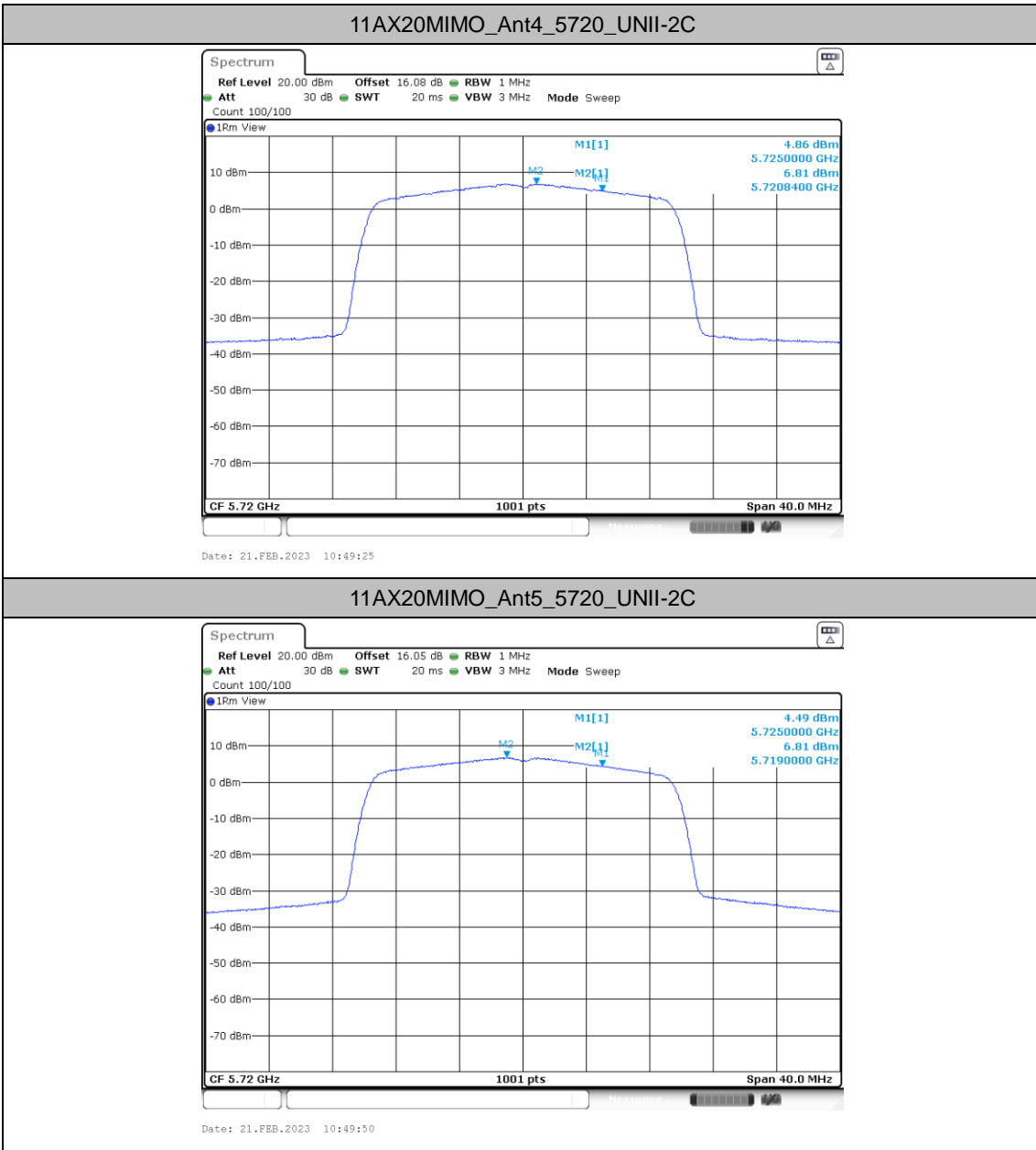


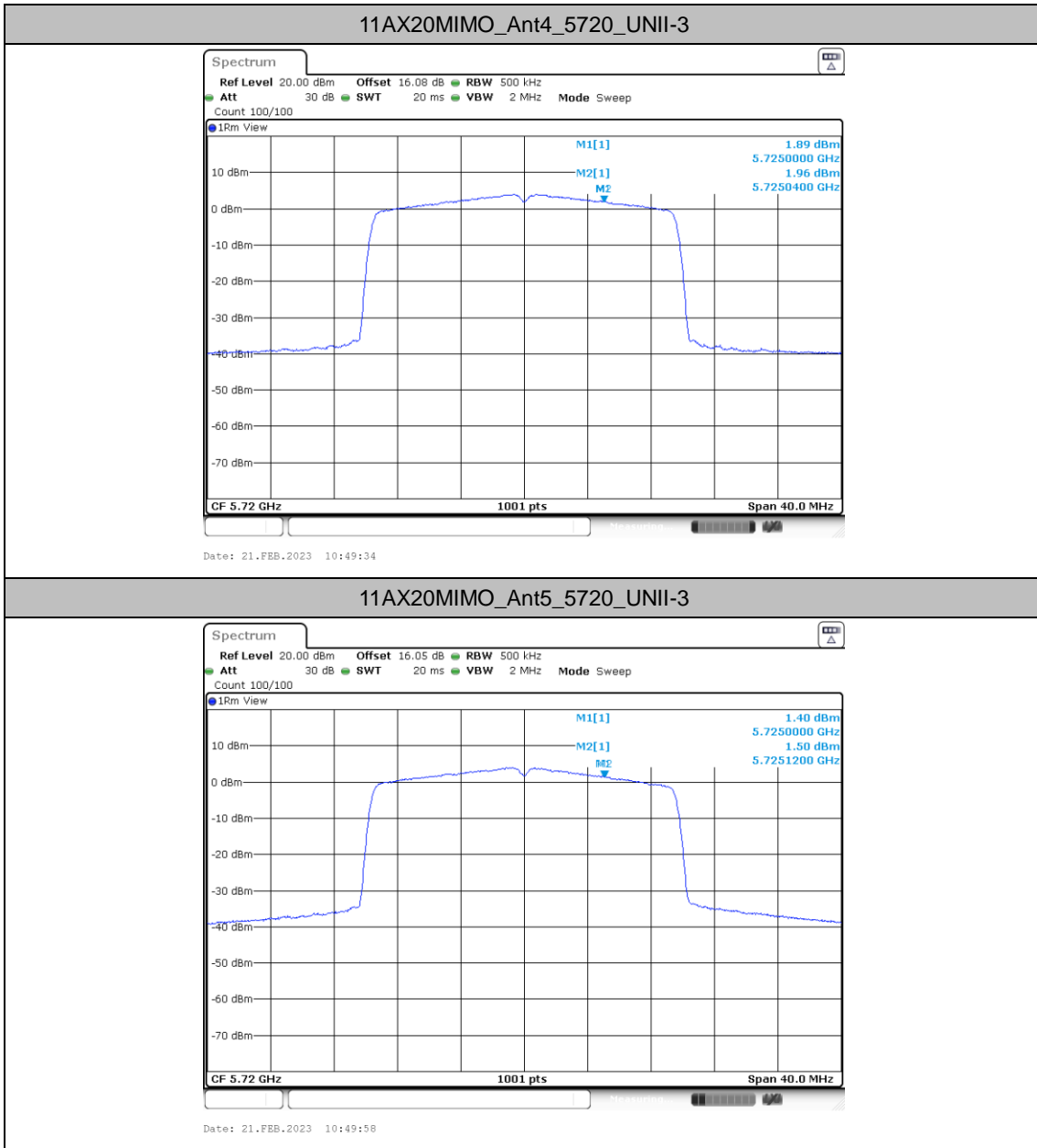


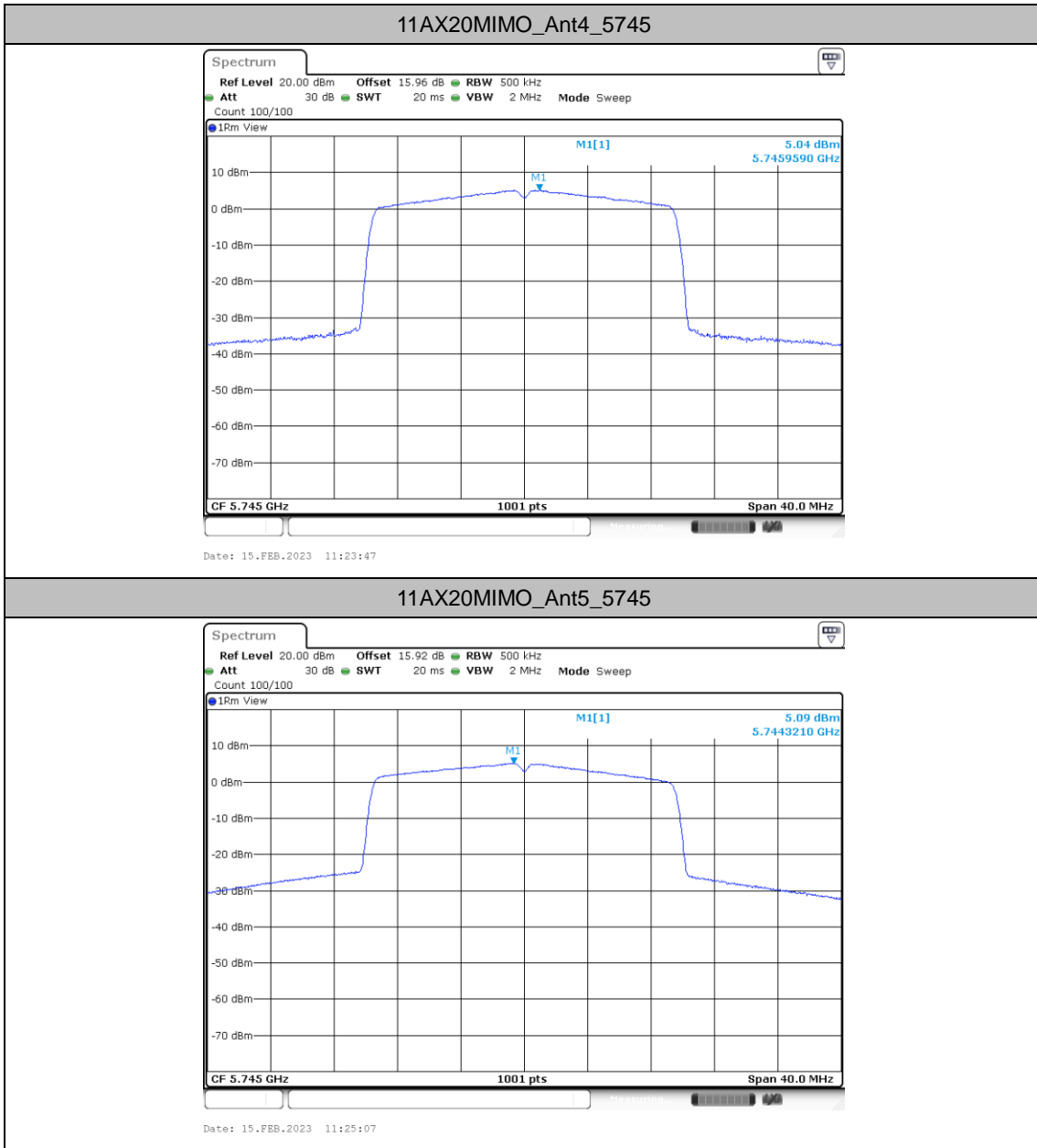


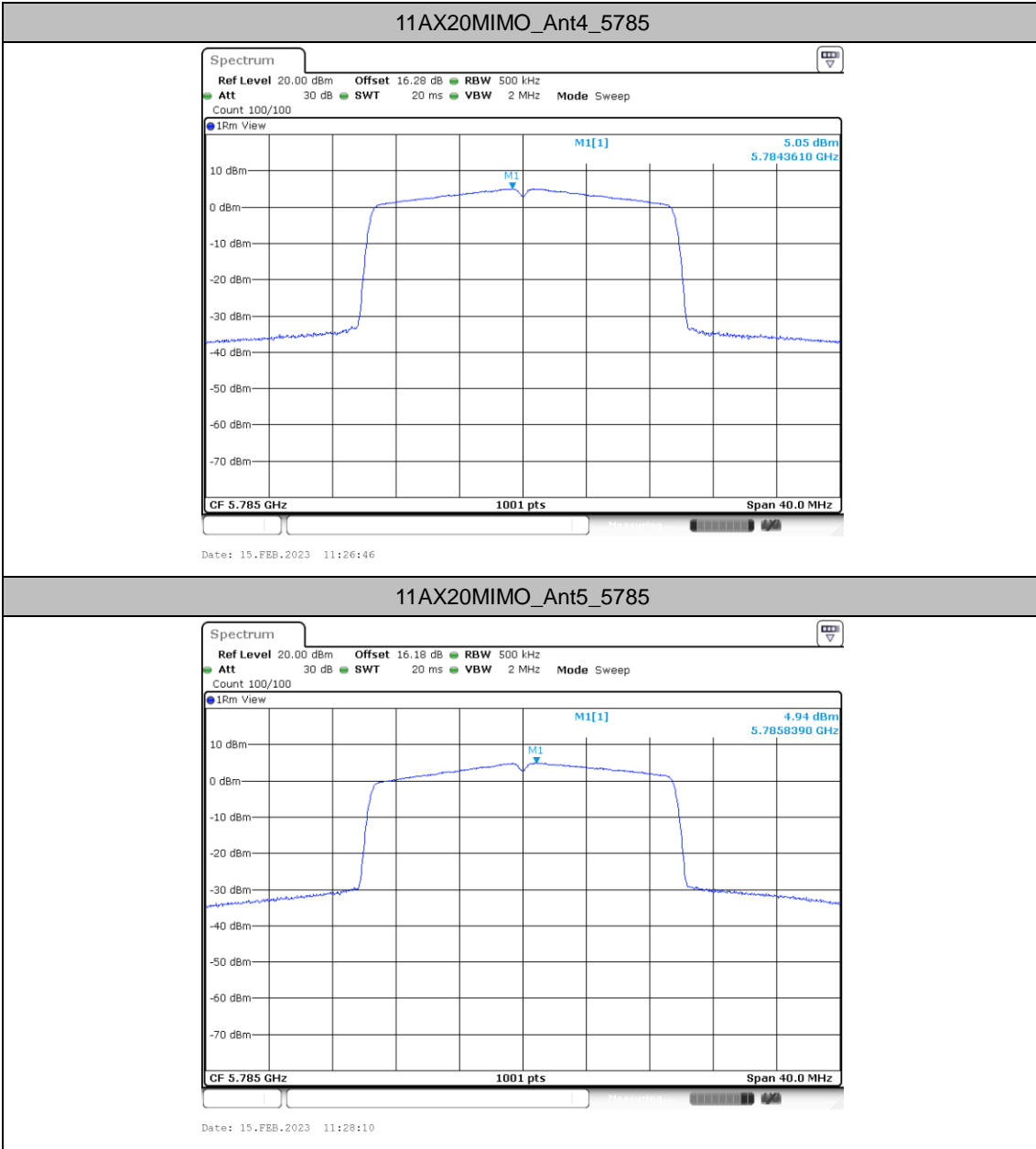


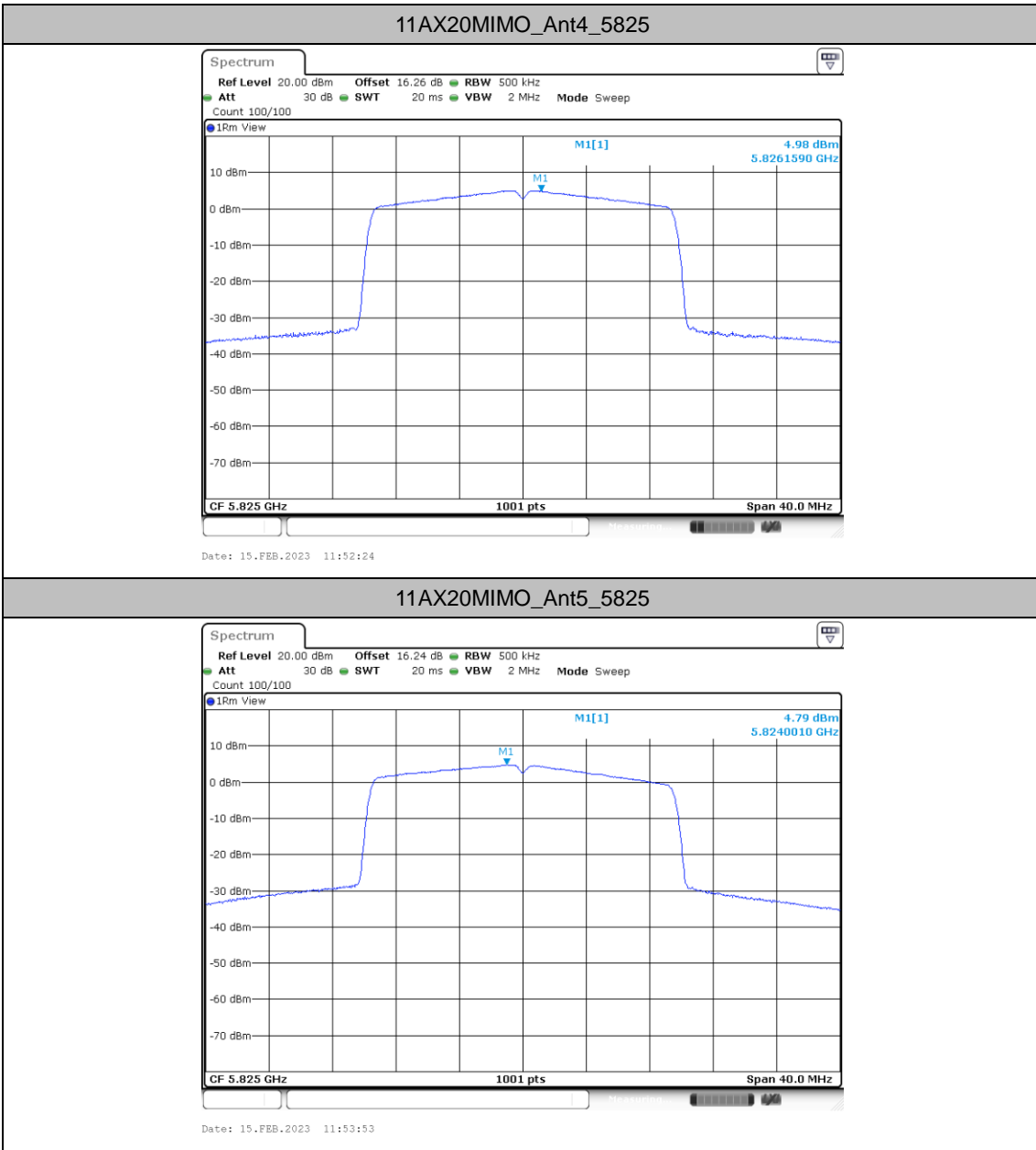




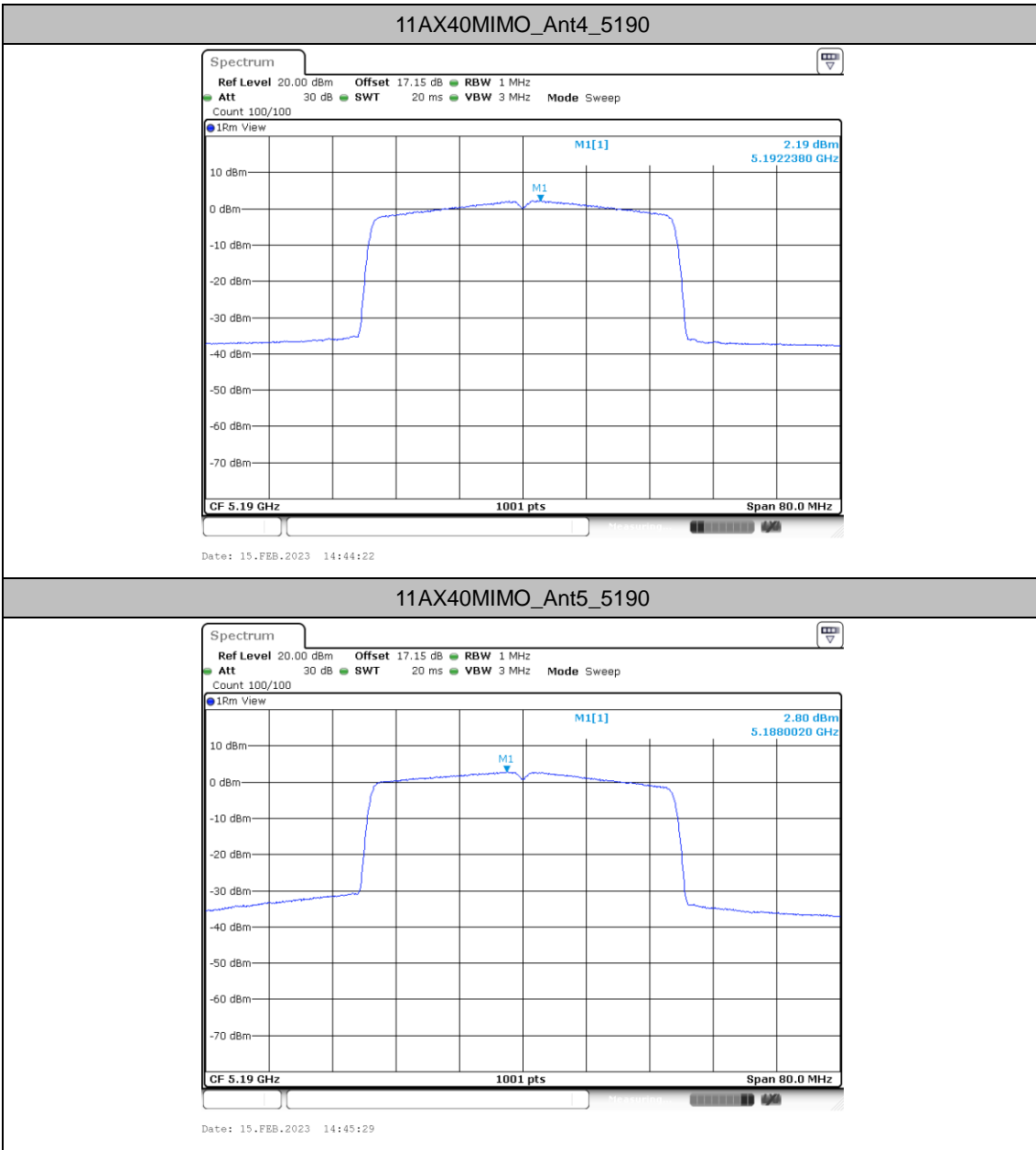


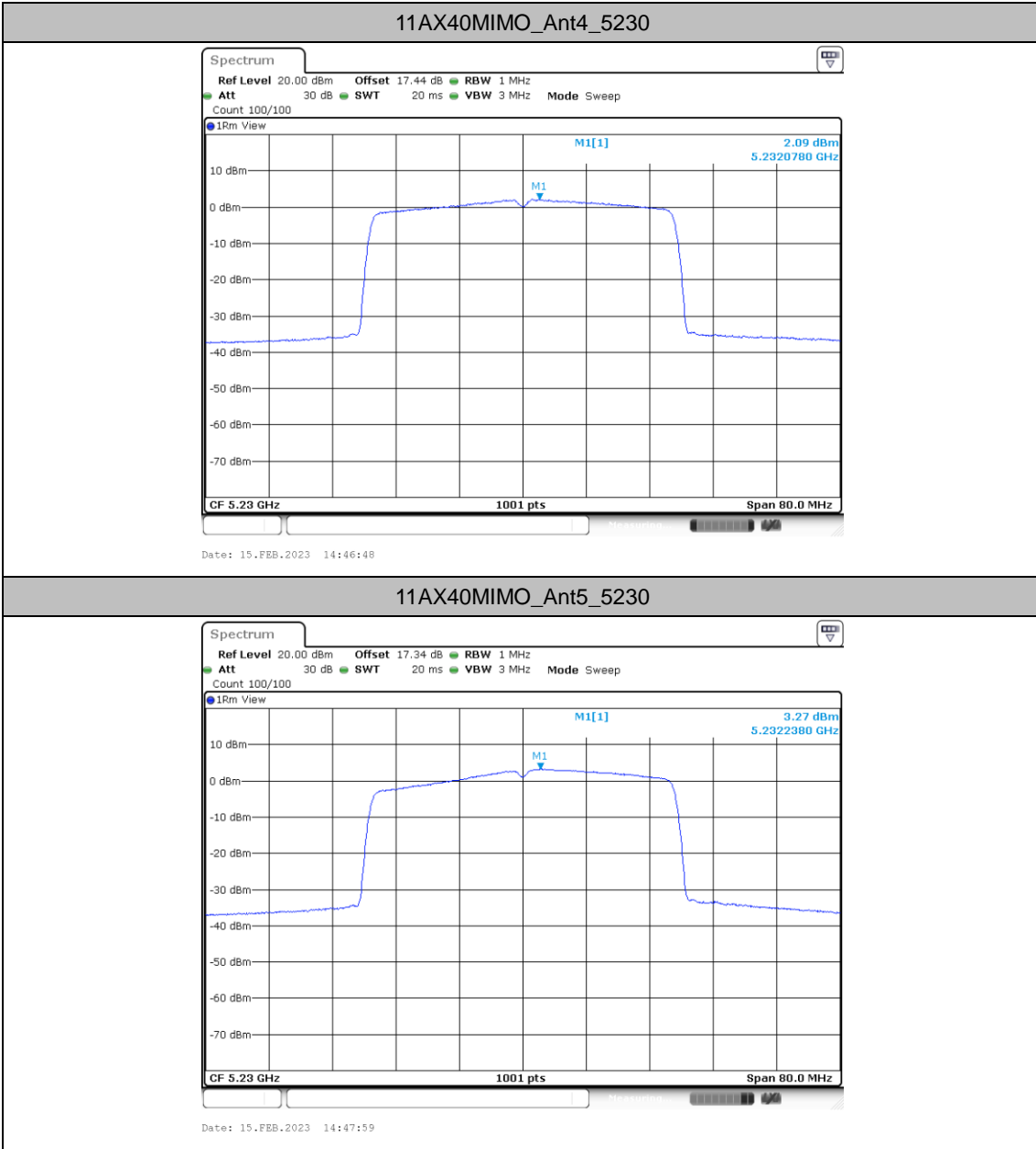


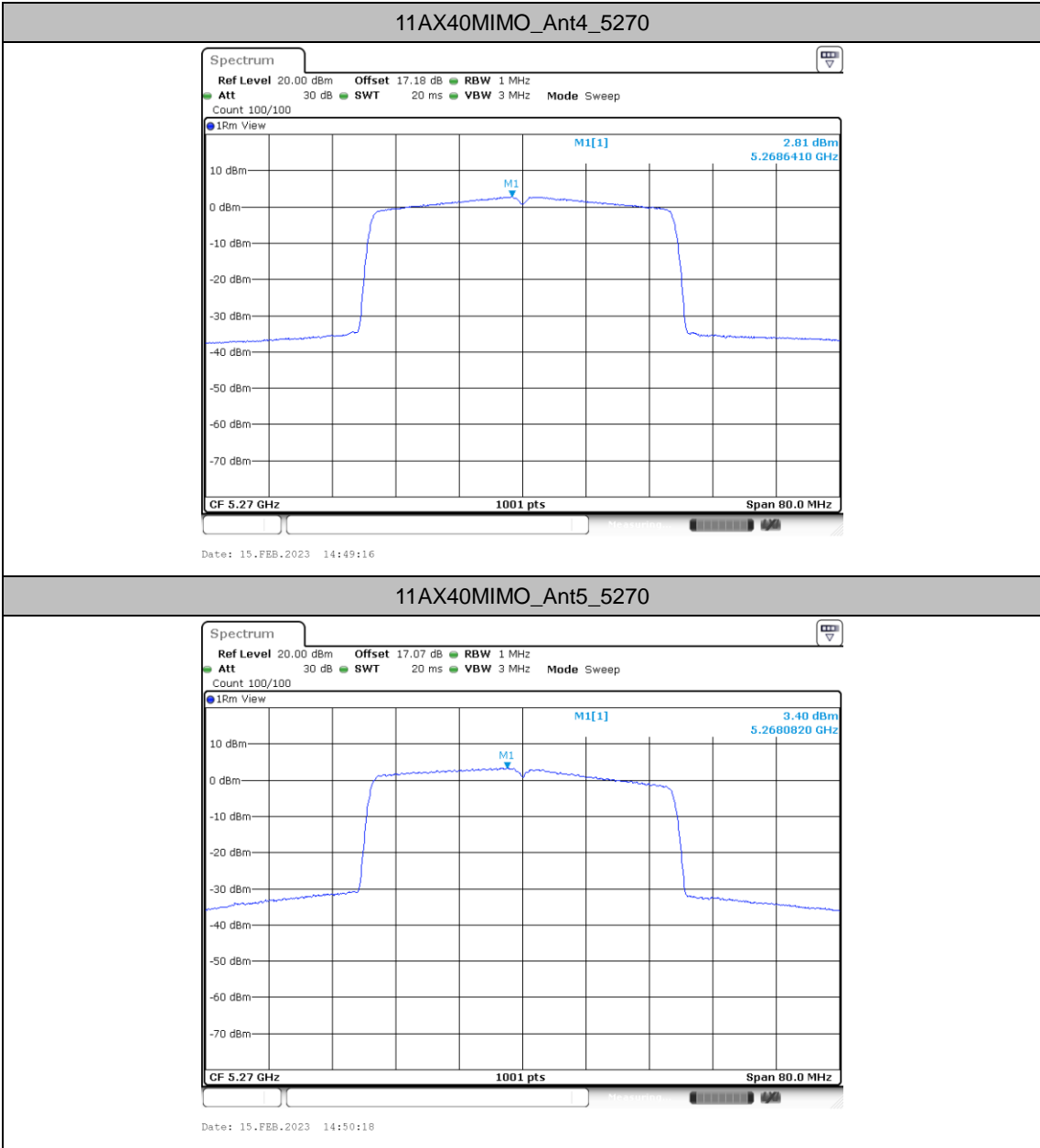


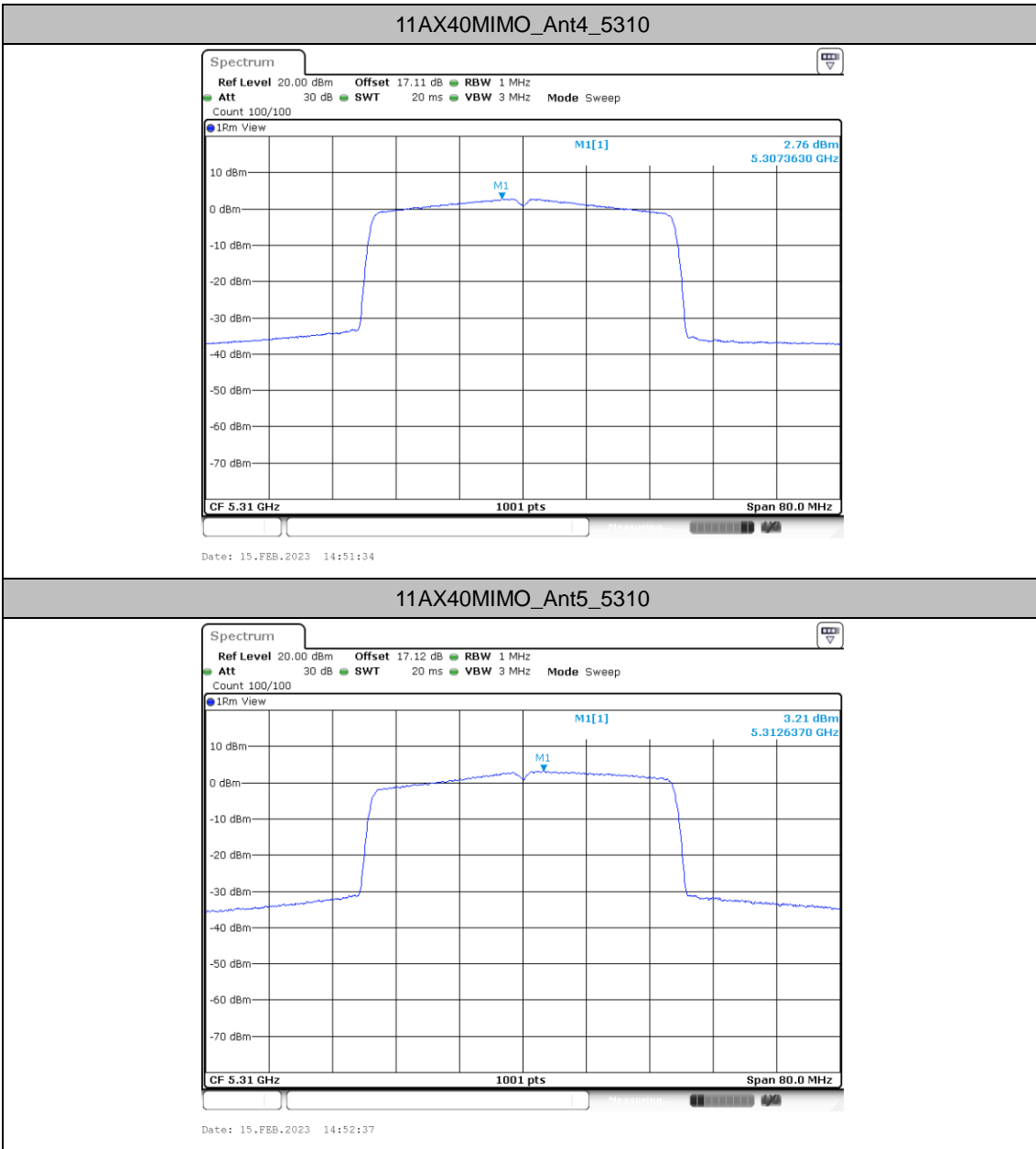


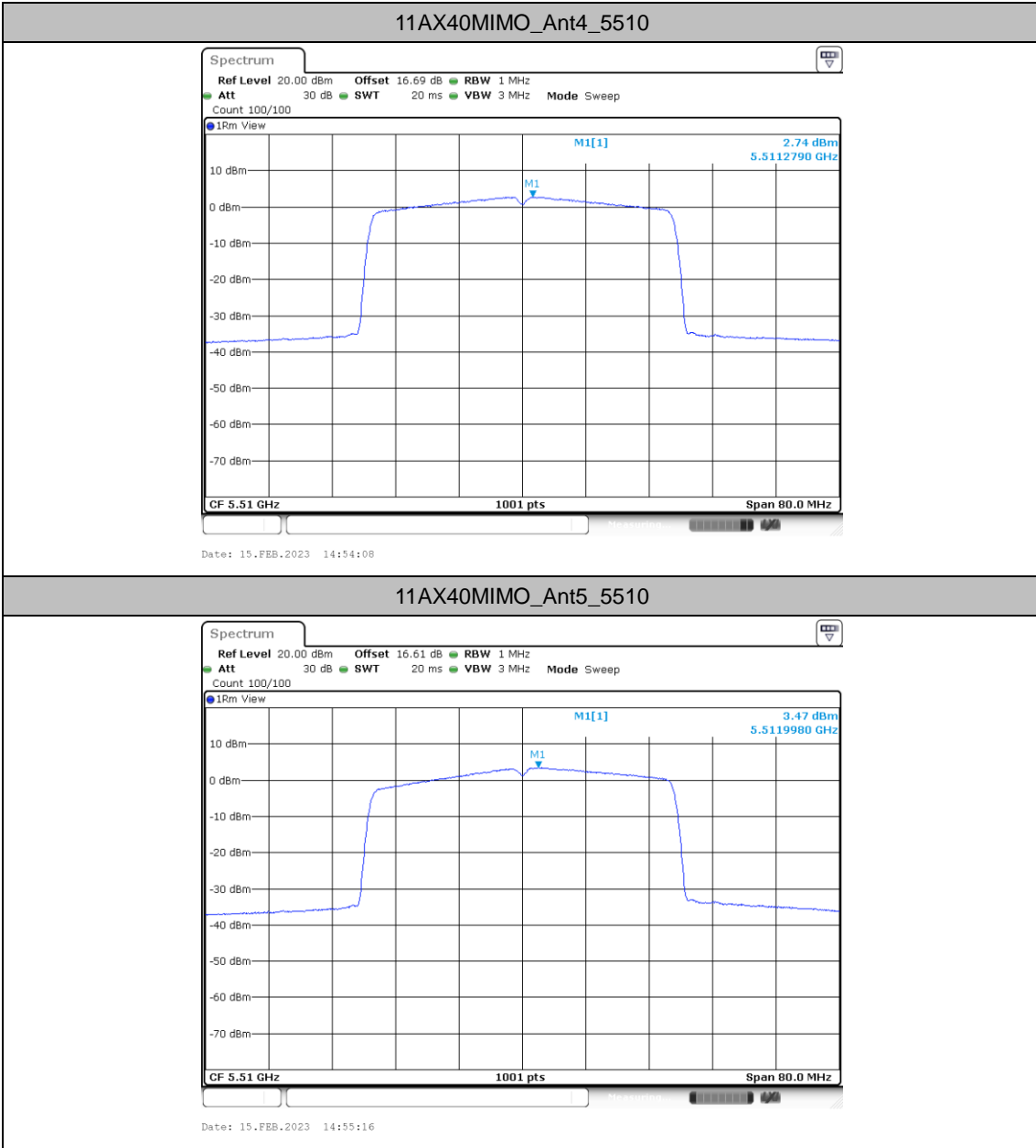


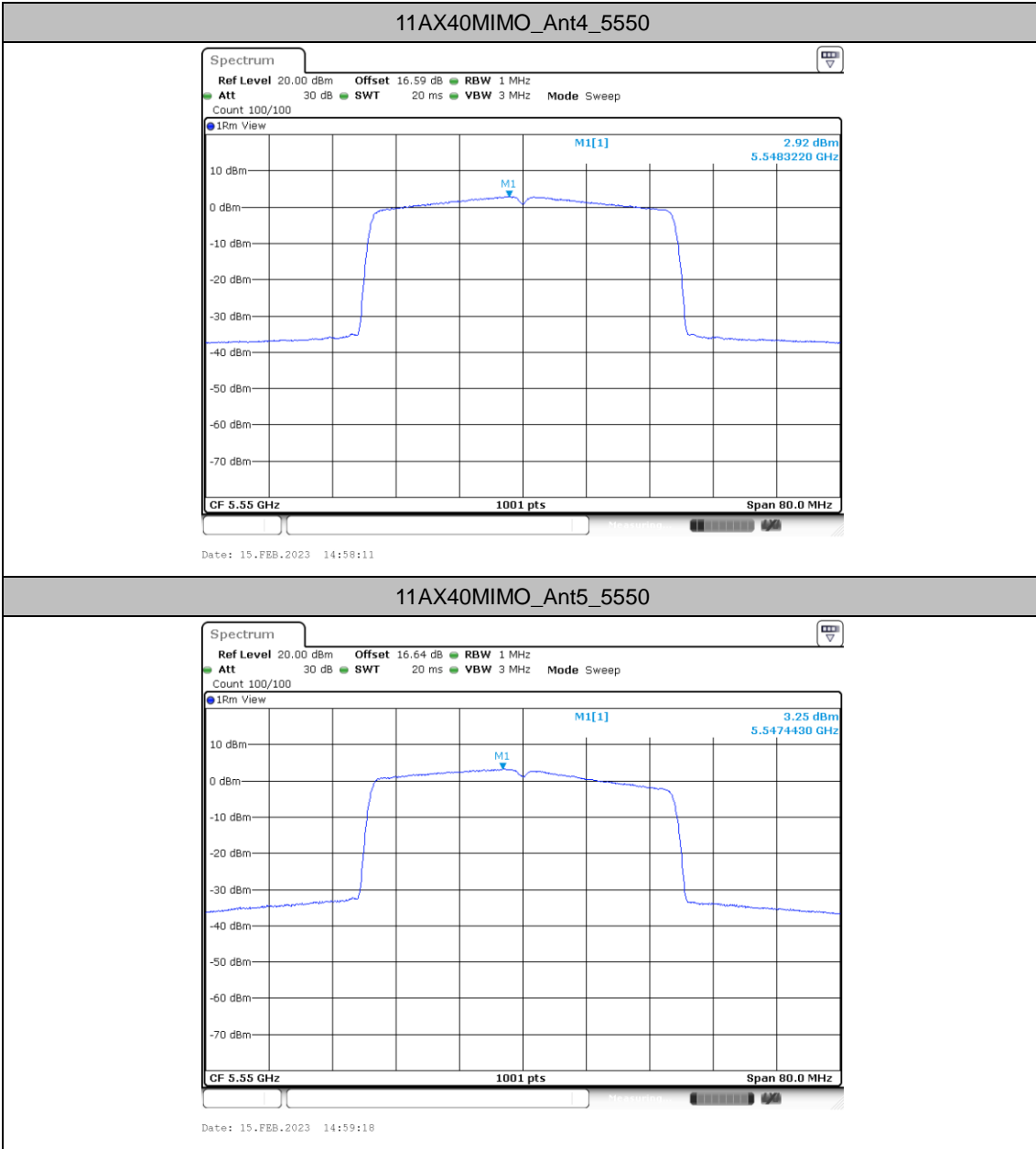


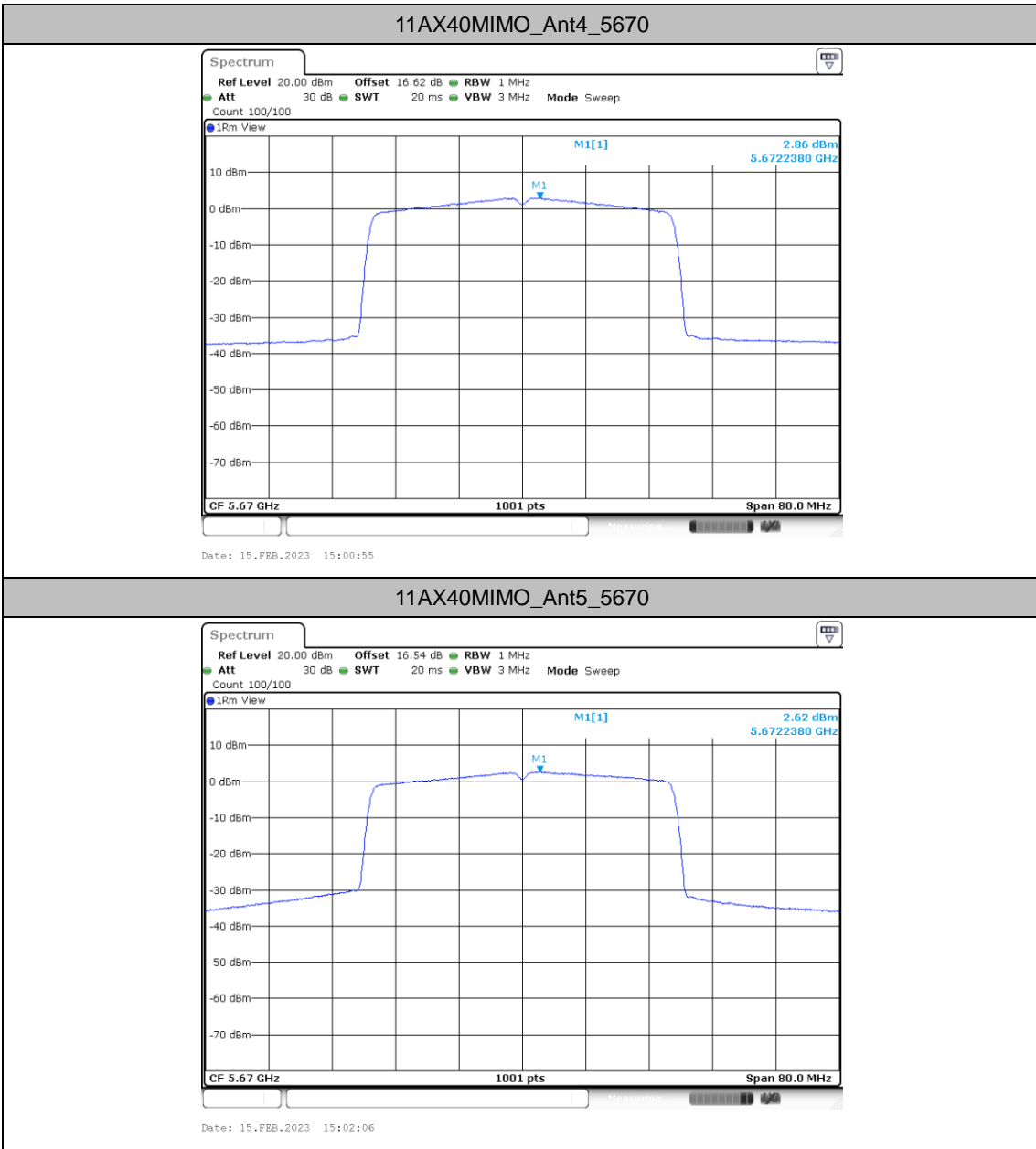


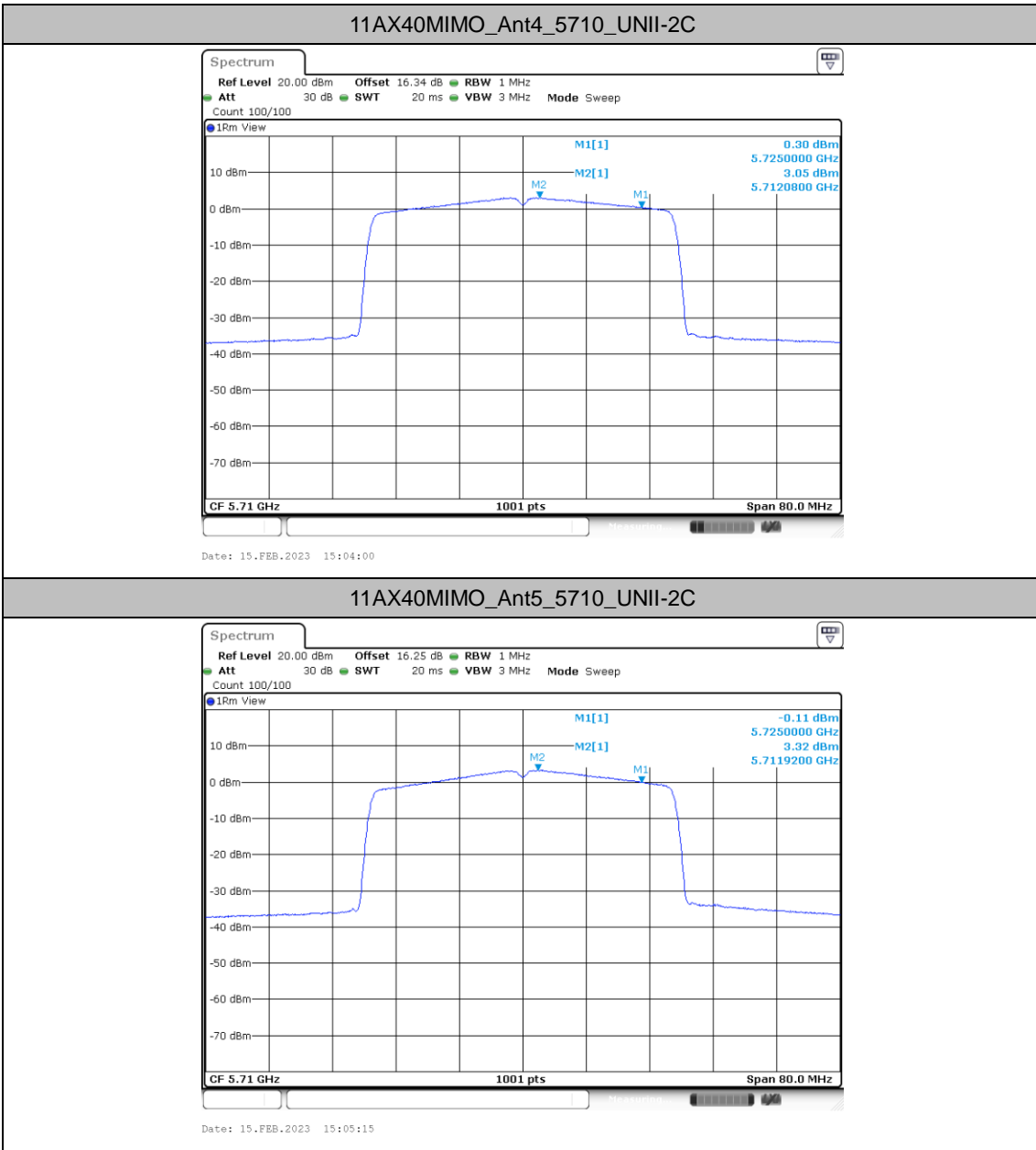




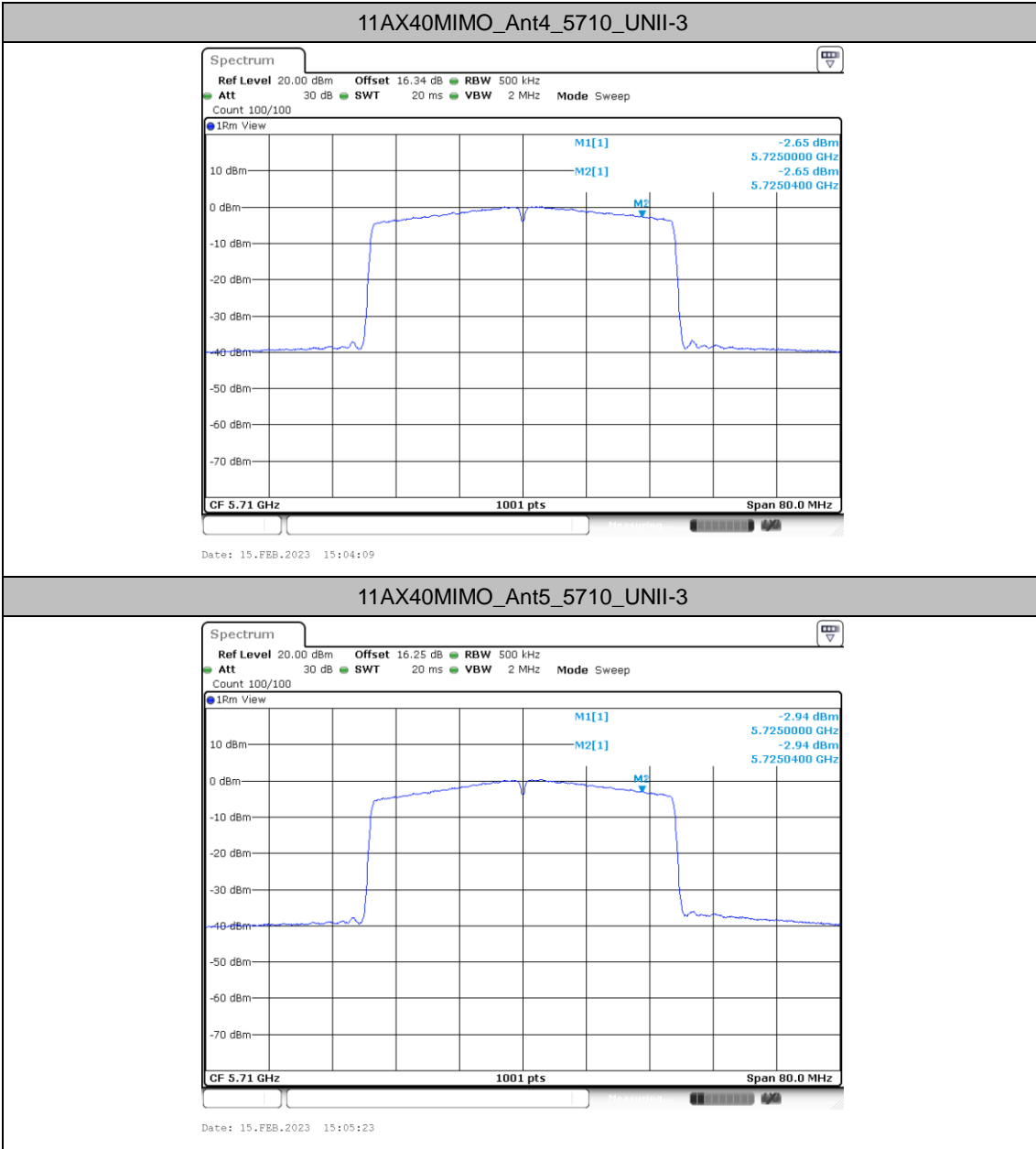


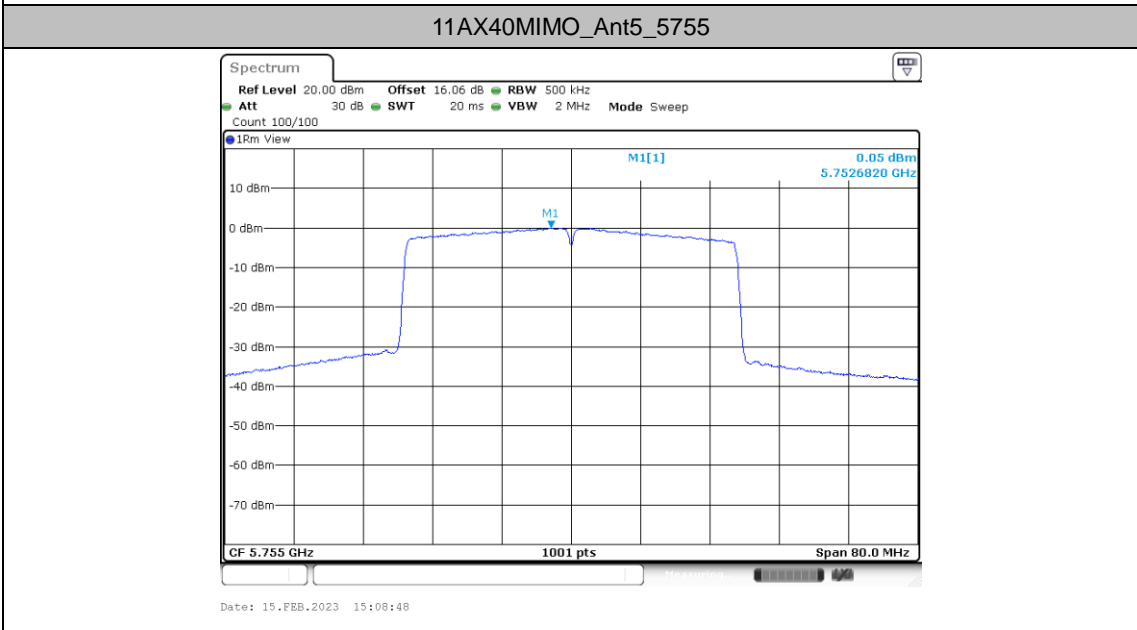
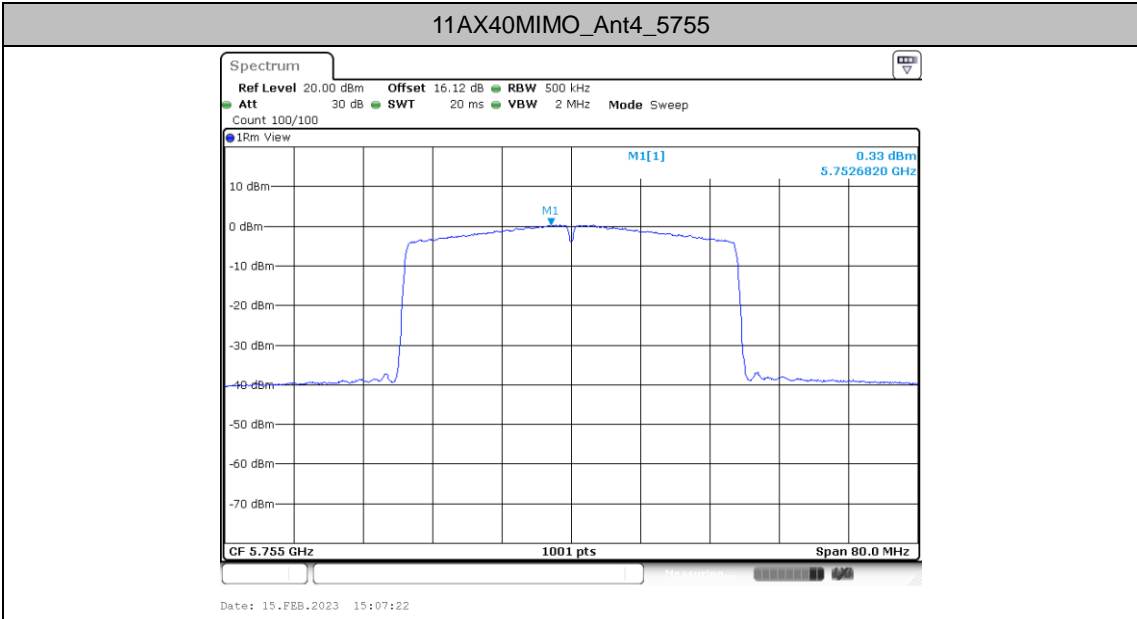


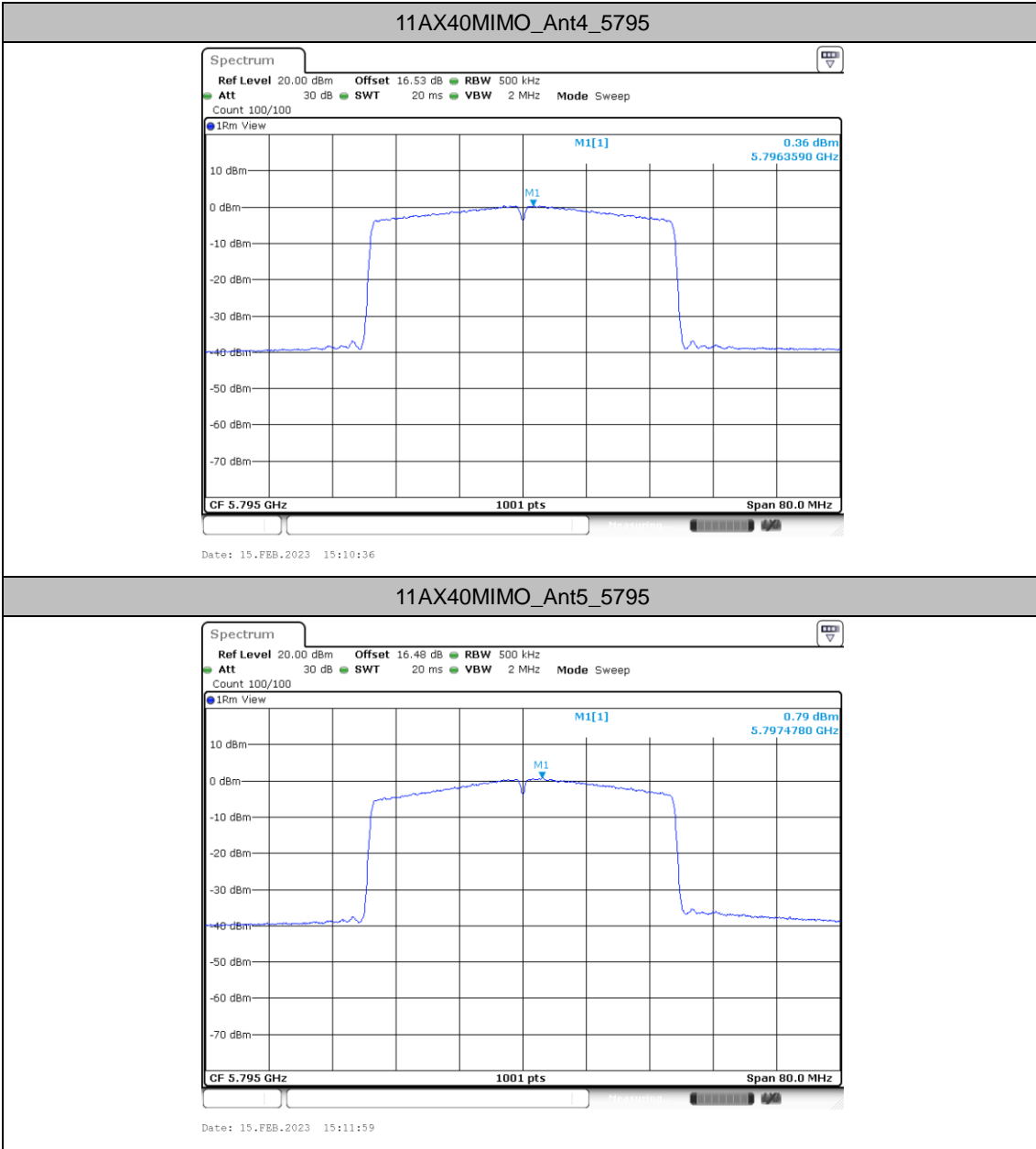


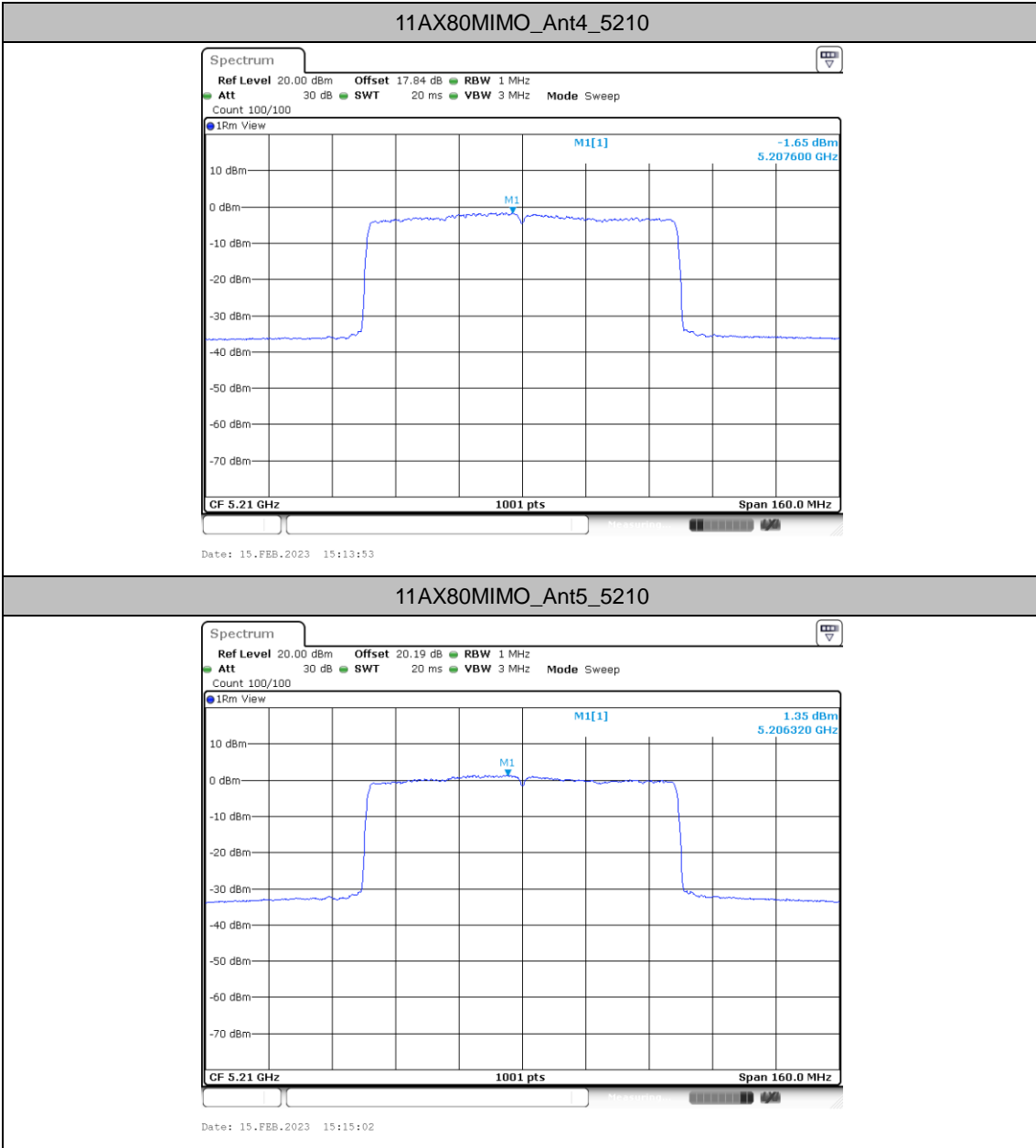


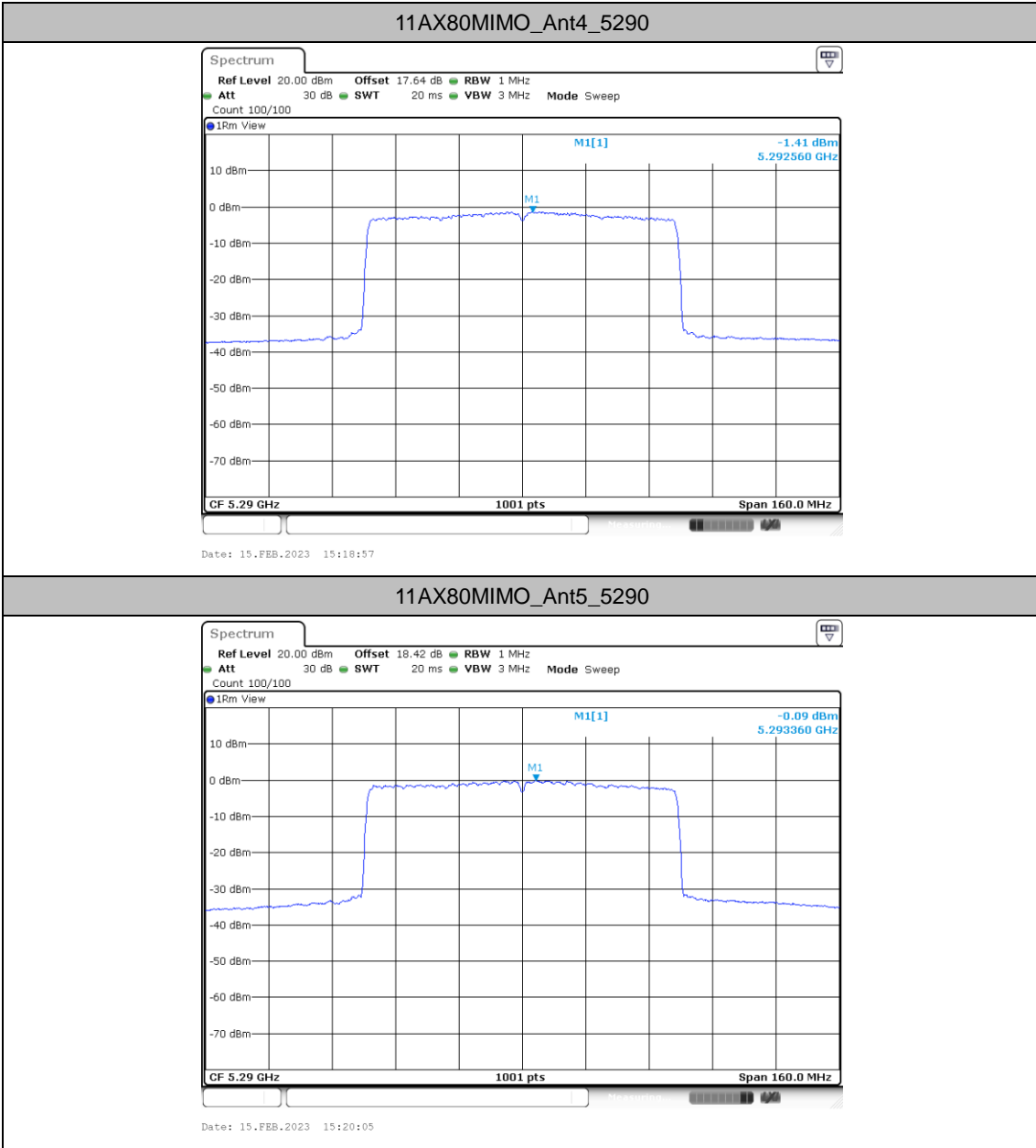


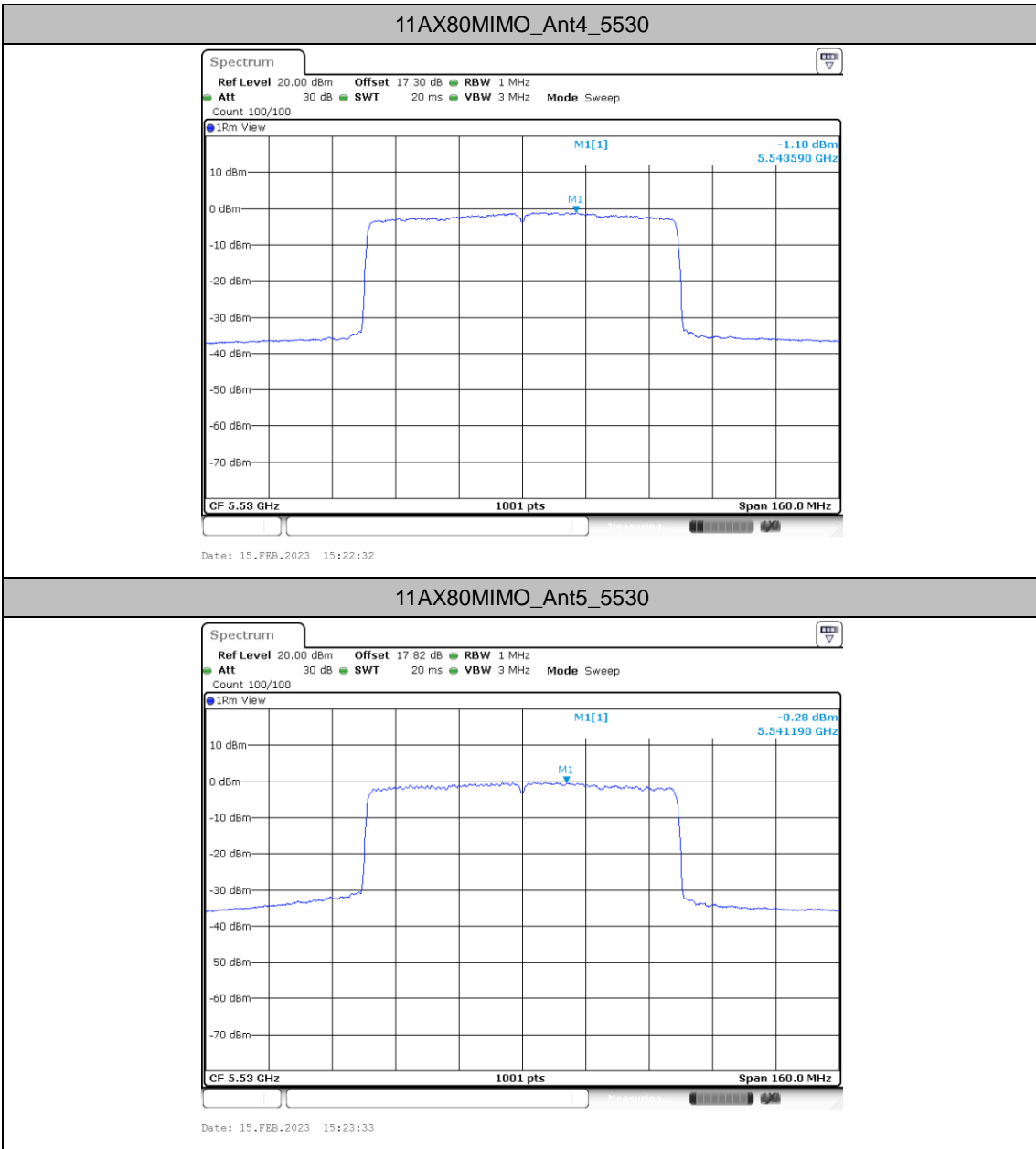


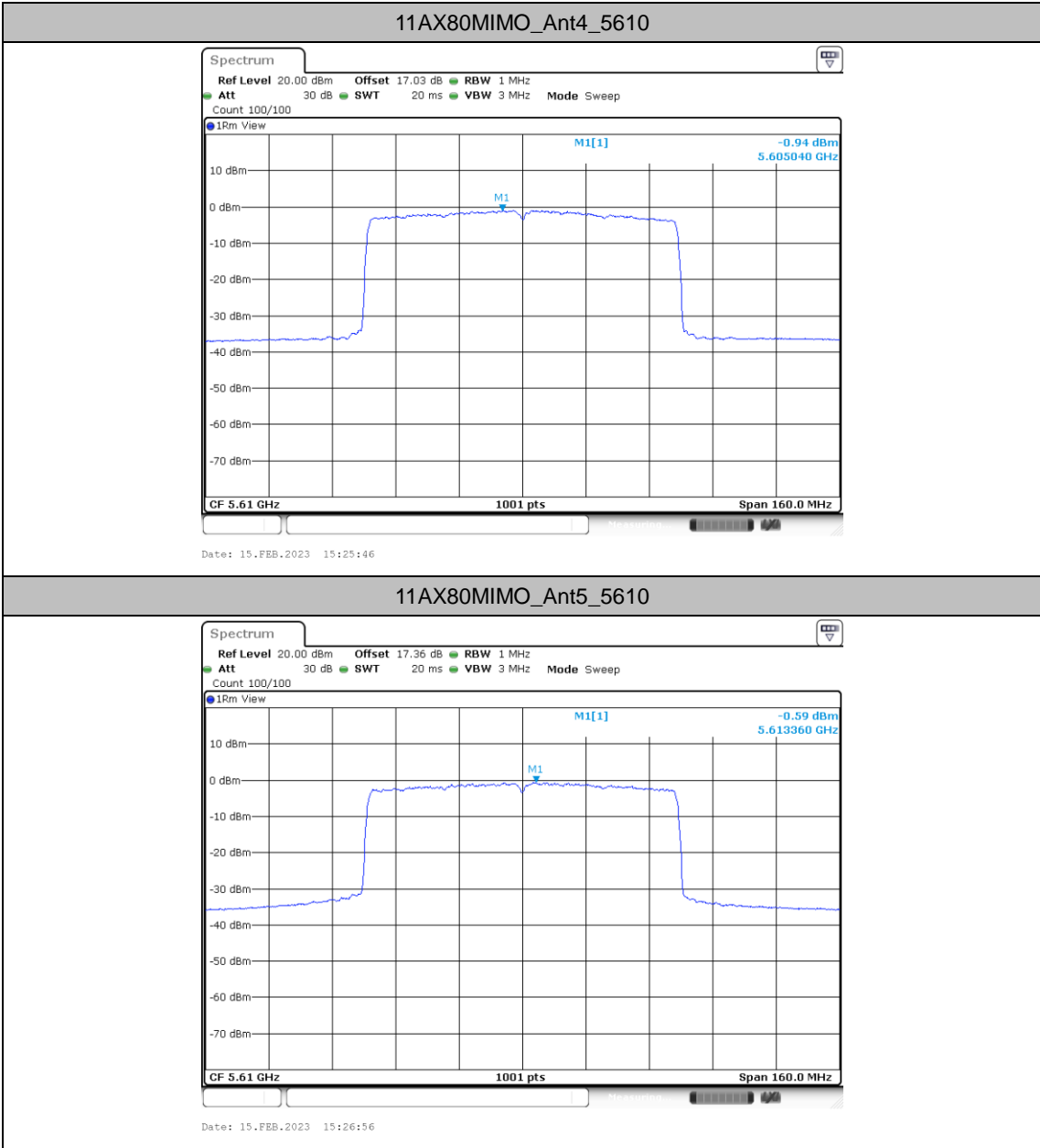


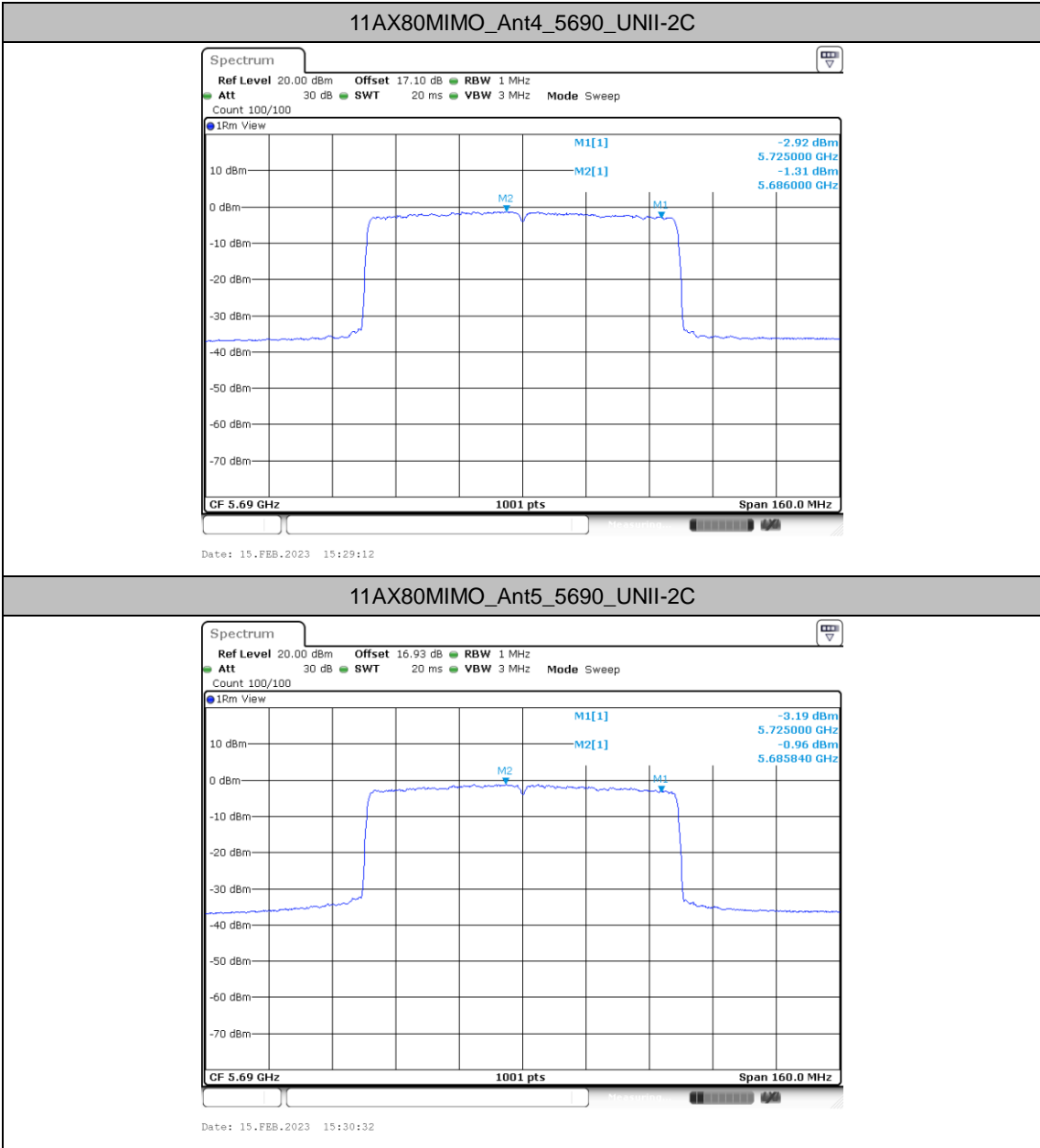




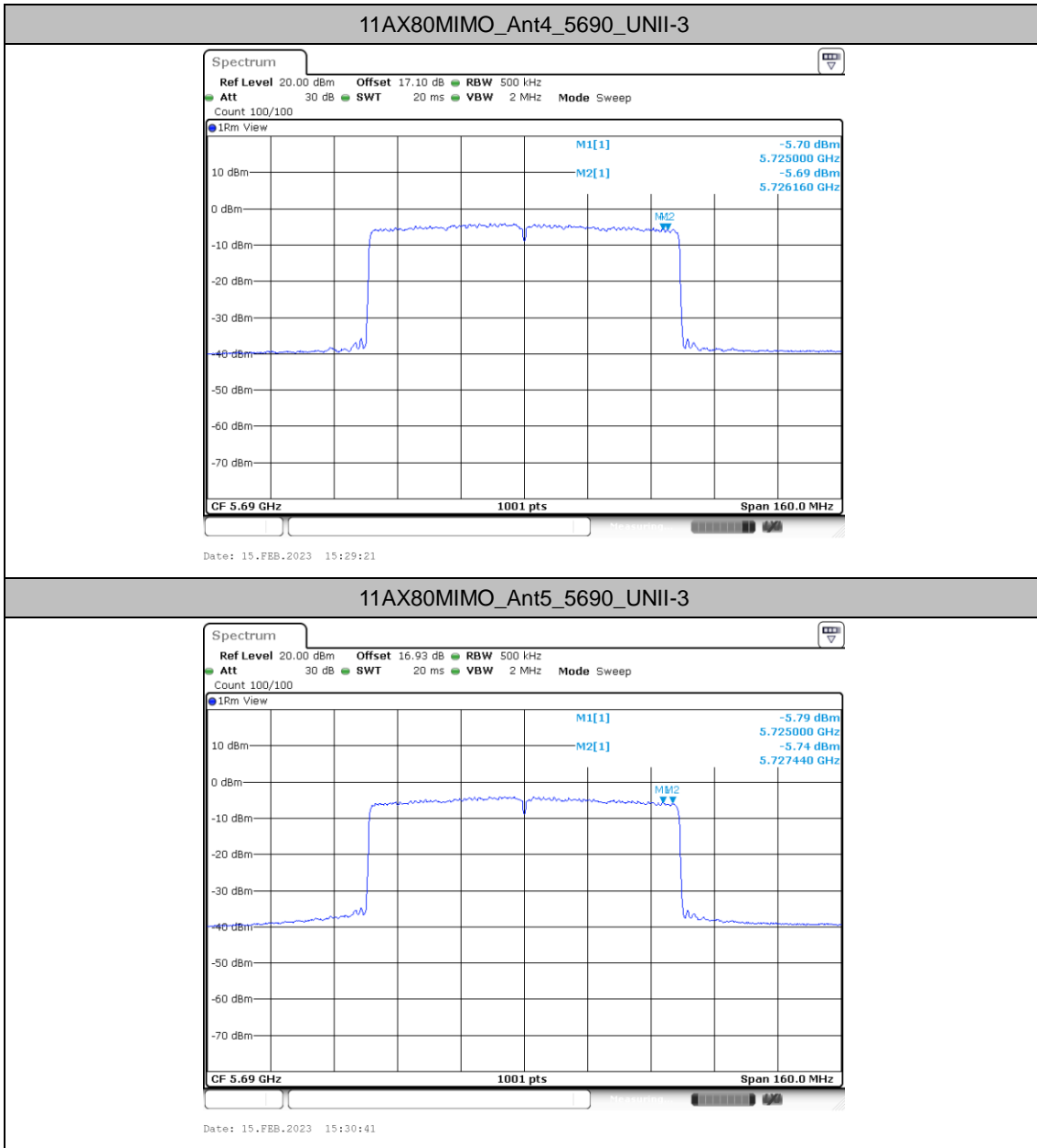


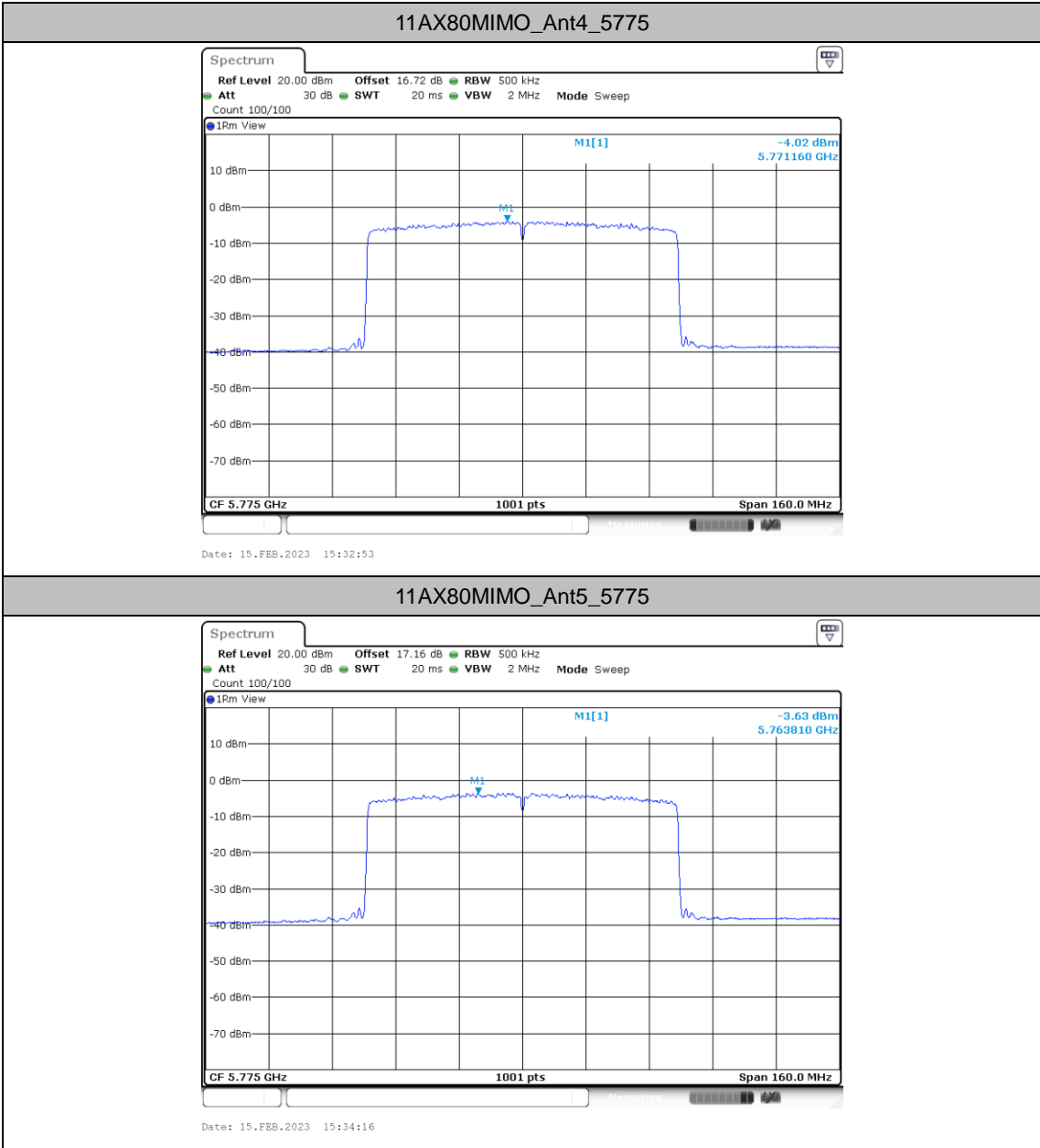














### Maximum power spectral density for 11ax Partial RU

#### Test Result

Test Mode	Antenna	Freq(MHz)	Ru Size	Ru Index	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11AX20MIMO	Ant4	5180	26Tone	RU0	5.66	≤11.00	PASS
			52Tone	RU37	5.79	≤11.00	PASS
			106Tone	RU53	5.87	≤11.00	PASS
	Ant5	5180	26Tone	RU0	6.7	≤11.00	PASS
			52Tone	RU37	7.19	≤11.00	PASS
			106Tone	RU53	6.93	≤11.00	PASS
	total	5180	26Tone	RU0	9.22	≤11.00	PASS
			52Tone	RU37	9.56	≤11.00	PASS
			106Tone	RU53	9.44	≤11.00	PASS
	Ant4	5220	26Tone	RU0	6.64	≤11.00	PASS
			52Tone	RU37	6.21	≤11.00	PASS
			106Tone	RU53	6.04	≤11.00	PASS
	Ant5	5220	26Tone	RU0	6.02	≤11.00	PASS
			52Tone	RU37	5.94	≤11.00	PASS
			106Tone	RU53	6.1	≤11.00	PASS
	total	5220	26Tone	RU0	9.35	≤11.00	PASS
			52Tone	RU37	9.09	≤11.00	PASS
			106Tone	RU53	9.08	≤11.00	PASS
	Ant4	5240	26Tone	RU8	6.19	≤11.00	PASS
			52Tone	RU40	6.23	≤11.00	PASS
			106Tone	RU54	6.16	≤11.00	PASS
	Ant5	5240	26Tone	RU8	6.21	≤11.00	PASS
			52Tone	RU40	6.7	≤11.00	PASS
			106Tone	RU54	6.61	≤11.00	PASS
	total	5240	26Tone	RU8	9.21	≤11.00	PASS
			52Tone	RU40	9.48	≤11.00	PASS
			106Tone	RU54	9.40	≤11.00	PASS
	Ant4	5260	26Tone	RU0	5.96	≤11.00	PASS
			52Tone	RU37	5.8	≤11.00	PASS
			106Tone	RU53	5.81	≤11.00	PASS
	Ant5	5260	26Tone	RU0	6.73	≤11.00	PASS
			52Tone	RU37	7.44	≤11.00	PASS
			106Tone	RU53	7.15	≤11.00	PASS



	total	5260	26Tone	RU0	9.37	≤11.00	PASS
			52Tone	RU37	9.71	≤11.00	PASS
			106Tone	RU53	9.54	≤11.00	PASS
	Ant4	5300	26Tone	RU0	6.42	≤11.00	PASS
			52Tone	RU37	6.3	≤11.00	PASS
			106Tone	RU53	5.71	≤11.00	PASS
	Ant5	5300	26Tone	RU0	5.43	≤11.00	PASS
			52Tone	RU37	6.29	≤11.00	PASS
			106Tone	RU53	6.61	≤11.00	PASS
	total	5300	26Tone	RU0	8.96	≤11.00	PASS
			52Tone	RU37	9.31	≤11.00	PASS
			106Tone	RU53	9.19	≤11.00	PASS
	Ant4	5320	26Tone	RU8	6.19	≤11.00	PASS
			52Tone	RU40	5.19	≤11.00	PASS
			106Tone	RU54	5.42	≤11.00	PASS
	Ant5	5320	26Tone	RU8	6.31	≤11.00	PASS
			52Tone	RU40	5.27	≤11.00	PASS
			106Tone	RU54	6.46	≤11.00	PASS
	total	5320	26Tone	RU8	9.26	≤11.00	PASS
			52Tone	RU40	8.24	≤11.00	PASS
			106Tone	RU54	8.98	≤11.00	PASS
	Ant4	5500	26Tone	RU0	6.15	≤11.00	PASS
			52Tone	RU37	6.18	≤11.00	PASS
			106Tone	RU53	6.15	≤11.00	PASS
Ant5	5500	26Tone	RU0	5.65	≤11.00	PASS	
		52Tone	RU37	5.79	≤11.00	PASS	
		106Tone	RU53	6.17	≤11.00	PASS	
total	5500	26Tone	RU0	8.92	≤11.00	PASS	
		52Tone	RU37	9.00	≤11.00	PASS	
		106Tone	RU53	9.17	≤11.00	PASS	
Ant4	5580	26Tone	RU0	6.39	≤11.00	PASS	
		52Tone	RU37	6.32	≤11.00	PASS	
		106Tone	RU53	6.28	≤11.00	PASS	
Ant5	5580	26Tone	RU0	5.84	≤11.00	PASS	
		52Tone	RU37	6.02	≤11.00	PASS	
		106Tone	RU53	6.09	≤11.00	PASS	
total	5580	26Tone	RU0	9.13	≤11.00	PASS	
		52Tone	RU37	9.18	≤11.00	PASS	



			106Tone	RU53	9.20	≤11.00	PASS
Ant4	5700	26Tone	RU8	6.11	≤11.00	PASS	
		52Tone	RU40	6.13	≤11.00	PASS	
		106Tone	RU54	5.88	≤11.00	PASS	
Ant5	5700	26Tone	RU8	6.3	≤11.00	PASS	
		52Tone	RU40	6.32	≤11.00	PASS	
		106Tone	RU54	6.16	≤11.00	PASS	
total	5700	26Tone	RU8	9.22	≤11.00	PASS	
		52Tone	RU40	9.24	≤11.00	PASS	
		106Tone	RU54	9.03	≤11.00	PASS	
Ant4	5720	26Tone	RU8	6.69	≤11.00	PASS	
		52Tone	RU40	6.65	≤11.00	PASS	
		106Tone	RU54	6.55	≤11.00	PASS	
Ant5	5720	26Tone	RU8	5.83	≤11.00	PASS	
		52Tone	RU40	6.05	≤11.00	PASS	
		106Tone	RU54	6.20	≤11.00	PASS	
total	5720	26Tone	RU8	9.29	≤11.00	PASS	
		52Tone	RU40	9.37	≤11.00	PASS	
		106Tone	RU54	9.39	≤11.00	PASS	
Ant4	5745	26Tone	RU0	4.48	≤30.00	PASS	
		52Tone	RU37	3.94	≤30.00	PASS	
		106Tone	RU53	3.85	≤30.00	PASS	
Ant5	5745	26Tone	RU0	5.11	≤30.00	PASS	
		52Tone	RU37	4.69	≤30.00	PASS	
		106Tone	RU53	4.57	≤30.00	PASS	
total	5745	26Tone	RU0	7.82	≤30.00	PASS	
		52Tone	RU37	7.34	≤30.00	PASS	
		106Tone	RU53	7.24	≤30.00	PASS	
Ant4	5785	26Tone	RU0	4.82	≤30.00	PASS	
		52Tone	RU37	4.7	≤30.00	PASS	
		106Tone	RU53	4.43	≤30.00	PASS	
Ant5	5785	26Tone	RU0	3.45	≤30.00	PASS	
		52Tone	RU37	3.48	≤30.00	PASS	
		106Tone	RU53	3.8	≤30.00	PASS	
total	5785	26Tone	RU0	7.20	≤30.00	PASS	
		52Tone	RU37	7.14	≤30.00	PASS	
		106Tone	RU53	7.14	≤30.00	PASS	
Ant4	5825	26Tone	RU8	5.11	≤30.00	PASS	



			52Tone	RU40	5.01	≤30.00	PASS
			106Tone	RU54	4.8	≤30.00	PASS
	Ant5	5825	26Tone	RU8	3.71	≤30.00	PASS
			52Tone	RU40	3.82	≤30.00	PASS
			106Tone	RU54	4.02	≤30.00	PASS
	total	5825	26Tone	RU8	7.48	≤30.00	PASS
			52Tone	RU40	7.47	≤30.00	PASS
			106Tone	RU54	7.44	≤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 and RBW Factor is compensated in the graph.



Test Graphs

