



### Maximum power spectral density

#### Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A-CDD	Ant1	5180	3.49	≤17.00	PASS
	Ant2	5180	2.67	≤17.00	PASS
	total	5180	6.11	≤16.03	PASS
	Ant1	5220	3.02	≤17.00	PASS
	Ant2	5220	2.08	≤17.00	PASS
	total	5220	5.59	≤16.03	PASS
	Ant1	5240	4.11	≤17.00	PASS
	Ant2	5240	3.13	≤17.00	PASS
	total	5240	6.66	≤16.03	PASS
	Ant1	5260	3.44	≤11.00	PASS
	Ant2	5260	3.58	≤11.00	PASS
	total	5260	6.52	≤9.84	PASS
	Ant1	5300	3.49	≤11.00	PASS
	Ant2	5300	3.54	≤11.00	PASS
	total	5300	6.53	≤9.84	PASS
	Ant1	5320	2.43	≤11.00	PASS
	Ant2	5320	2.32	≤11.00	PASS
	total	5320	5.39	≤9.84	PASS
	Ant1	5500	2.98	≤11.00	PASS
	Ant2	5500	3.96	≤11.00	PASS
	total	5500	6.51	≤9.39	PASS
	Ant1	5580	2.79	≤11.00	PASS
	Ant2	5580	3.51	≤11.00	PASS
	total	5580	6.18	≤9.39	PASS
	Ant1	5700	1.68	≤11.00	PASS
	Ant2	5700	0.67	≤11.00	PASS
	total	5700	4.21	≤9.39	PASS
Ant1	5720_UNII-2C	1.77	≤11.00	PASS	
Ant2	5720_UNII-2C	3.58	≤11.00	PASS	
total	5720_UNII-2C	5.78	≤9.39	PASS	
11AX20MIMO	Ant1	5180	0.28	≤17.00	PASS
	Ant2	5180	-0.07	≤17.00	PASS
	total	5180	3.12	≤16.03	PASS
	Ant1	5220	2.51	≤17.00	PASS
	Ant2	5220	1.71	≤17.00	PASS
	total	5220	5.14	≤16.03	PASS



	Ant1	5240	3.24	≤17.00	PASS
	Ant2	5240	2.47	≤17.00	PASS
	total	5240	5.88	≤16.03	PASS
	Ant1	5260	2.79	≤11.00	PASS
	Ant2	5260	2.7	≤11.00	PASS
	total	5260	5.76	≤9.84	PASS
	Ant1	5300	2.79	≤11.00	PASS
	Ant2	5300	2.78	≤11.00	PASS
	total	5300	5.80	≤9.84	PASS
	Ant1	5320	1.93	≤11.00	PASS
	Ant2	5320	1.37	≤11.00	PASS
	total	5320	4.67	≤9.84	PASS
	Ant1	5500	2.51	≤11.00	PASS
	Ant2	5500	3.43	≤11.00	PASS
	total	5500	6.00	≤9.39	PASS
	Ant1	5580	2.58	≤11.00	PASS
	Ant2	5580	3.79	≤11.00	PASS
	total	5580	6.24	≤9.39	PASS
	Ant1	5700	2.26	≤11.00	PASS
	Ant2	5700	1.15	≤11.00	PASS
	total	5700	4.75	≤9.39	PASS
Ant1	5720_UNII-2C	1.48	≤11.00	PASS	
Ant2	5720_UNII-2C	3.53	≤11.00	PASS	
total	5720_UNII-2C	5.64	≤9.39	PASS	
11AX40MIMO	Ant1	5190	-5.02	≤17.00	PASS
	Ant2	5190	-6.00	≤17.00	PASS
	total	5190	-2.47	≤16.03	PASS
	Ant1	5230	-0.15	≤17.00	PASS
	Ant2	5230	-0.87	≤17.00	PASS
	total	5230	2.52	≤16.03	PASS
	Ant1	5270	-0.26	≤11.00	PASS
	Ant2	5270	-0.4	≤11.00	PASS
	total	5270	2.68	≤9.84	PASS
	Ant1	5310	-3.2	≤11.00	PASS
	Ant2	5310	-4.18	≤11.00	PASS
	total	5310	-0.65	≤9.84	PASS
	Ant1	5510	-2.27	≤11.00	PASS
	Ant2	5510	-2.78	≤11.00	PASS
	total	5510	0.49	≤9.39	PASS
	Ant1	5550	-0.81	≤11.00	PASS
	Ant2	5550	0.35	≤11.00	PASS



	total	5550	2.82	≤9.39	PASS
	Ant1	5670	-1.51	≤11.00	PASS
	Ant2	5670	0.5	≤11.00	PASS
	total	5670	2.62	≤9.39	PASS
	Ant1	5710_UNII-2C	-1.8	≤11.00	PASS
	Ant2	5710_UNII-2C	0.31	≤11.00	PASS
	total	5710_UNII-2C	2.39	≤9.39	PASS
11AX80MIMO	Ant1	5210	-9.04	≤17.00	PASS
	Ant2	5210	-9.47	≤17.00	PASS
	total	5210	-6.24	≤16.03	PASS
	Ant1	5290	-6.6	≤11.00	PASS
	Ant2	5290	-7.27	≤11.00	PASS
	total	5290	-3.91	≤9.84	PASS
	Ant1	5530	-7.3	≤11.00	PASS
	Ant2	5530	-8.76	≤11.00	PASS
	total	5530	-4.96	≤9.39	PASS
	Ant1	5610	-4.08	≤11.00	PASS
	Ant2	5610	-2.72	≤11.00	PASS
	total	5610	-0.34	≤9.39	PASS
	Ant1	5690_UNII-2C	-4.57	≤11.00	PASS
	Ant2	5690_UNII-2C	-3	≤11.00	PASS
	total	5690_UNII-2C	-0.70	≤9.39	PASS
11AX160MIMO	Ant1	5250	-12.81	≤17.00	PASS
	Ant2	5250	-13.62	≤17.00	PASS
	total	5250	-10.19	≤16.03	PASS
	Ant1	5570	-10.31	≤11.00	PASS
	Ant2	5570	-10.96	≤11.00	PASS
	total	5570	-7.61	≤9.39	PASS

Note: 1.The Duty Cycle Factor and RBW Factor is compensated in the graph.

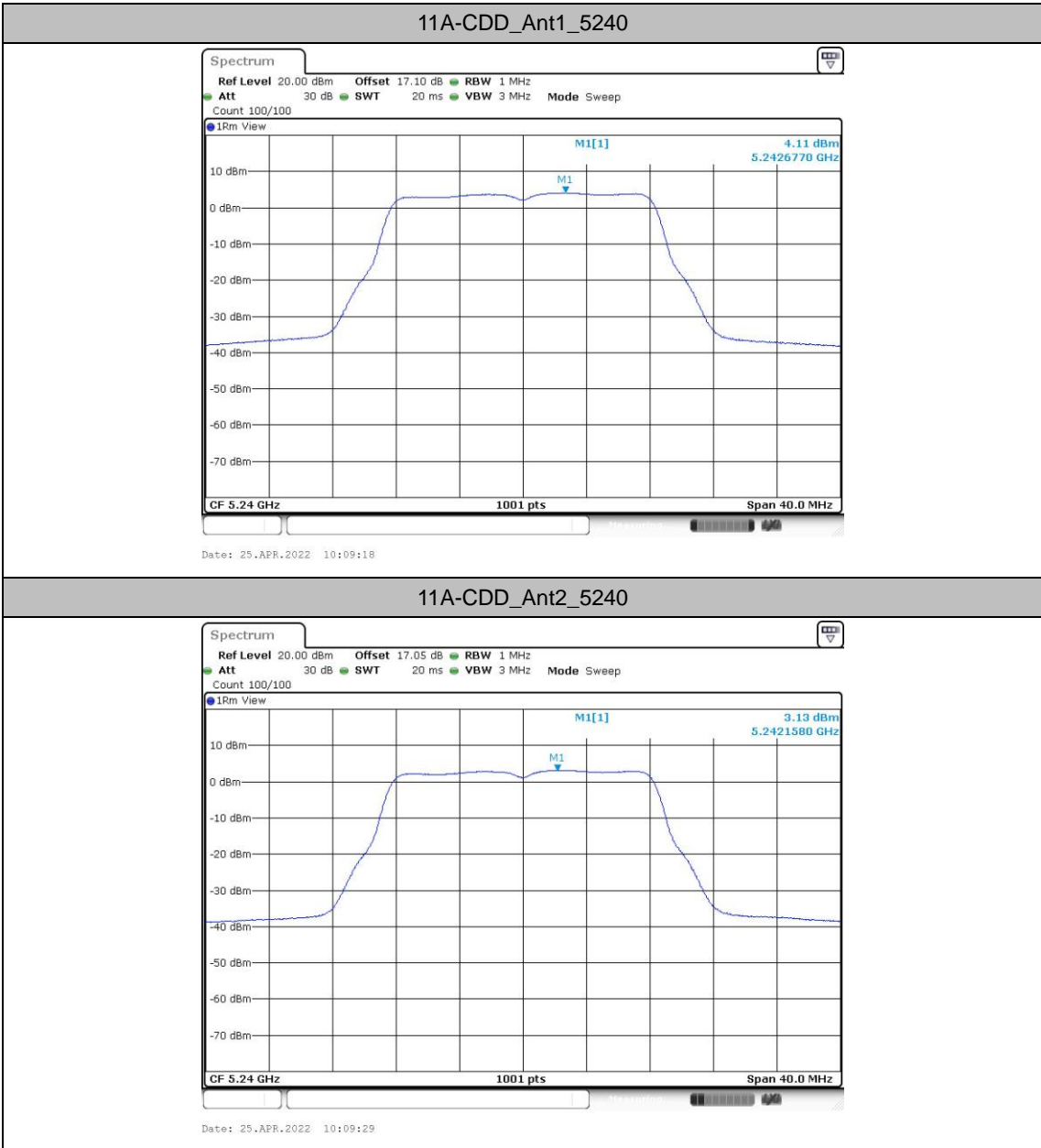


### Test Graphs



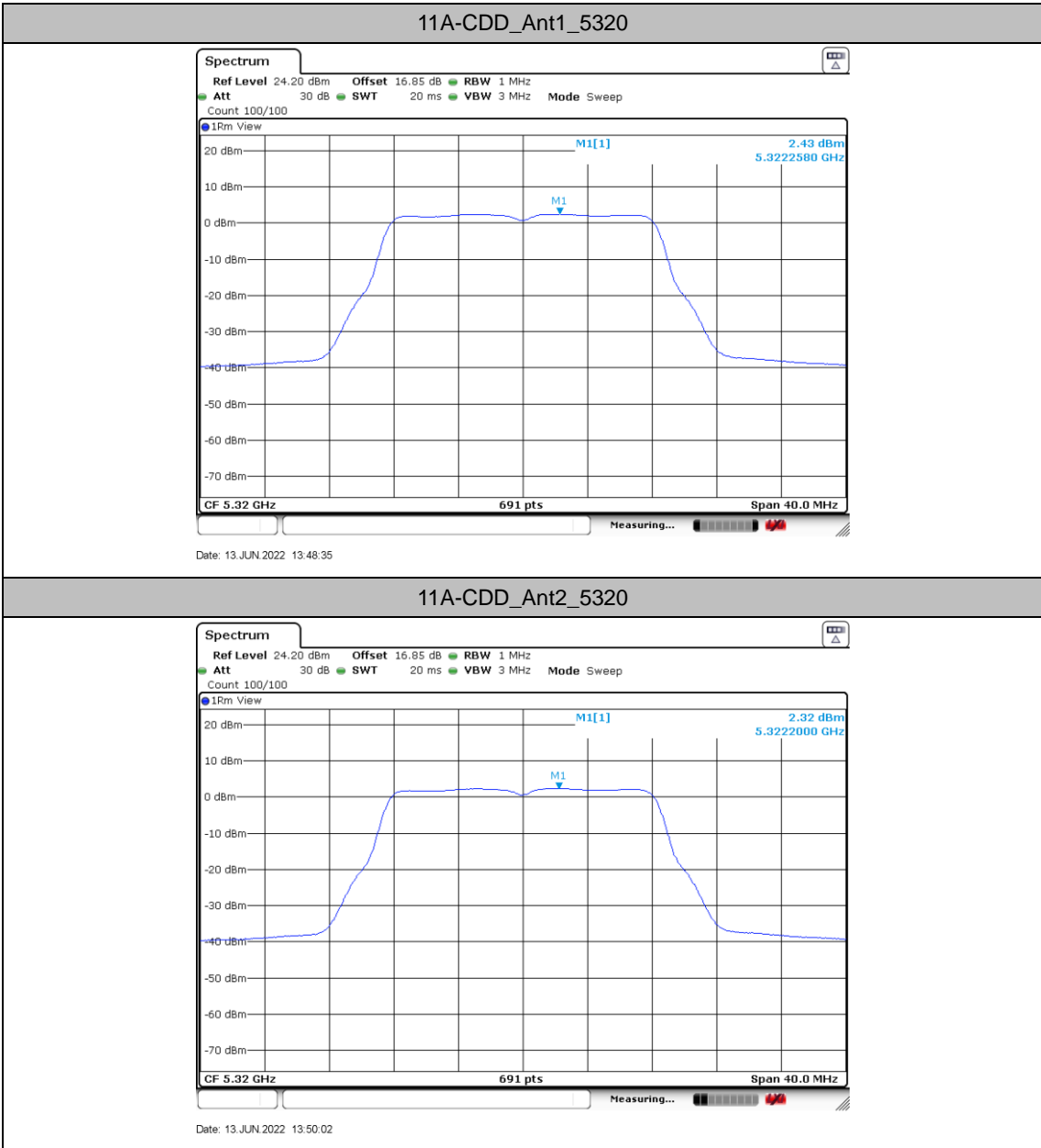






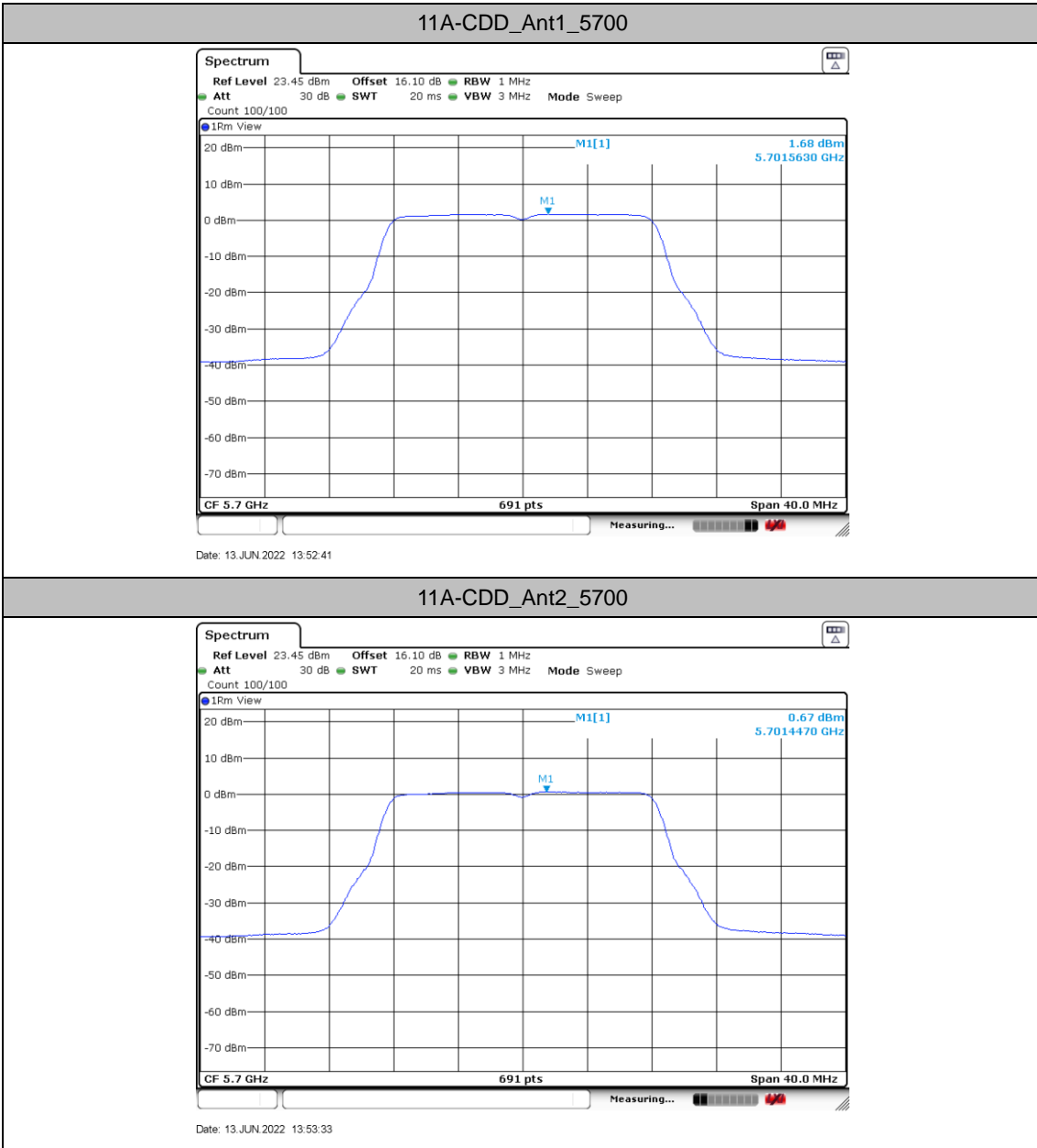










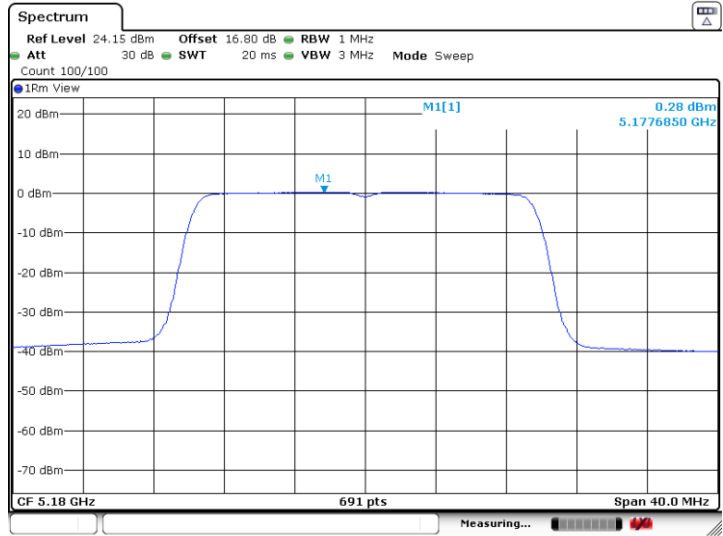






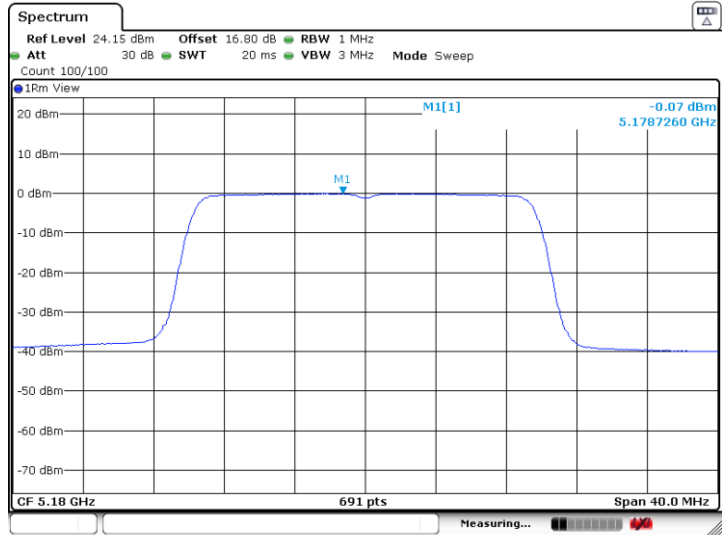


11AX20MIMO\_Ant1\_5180

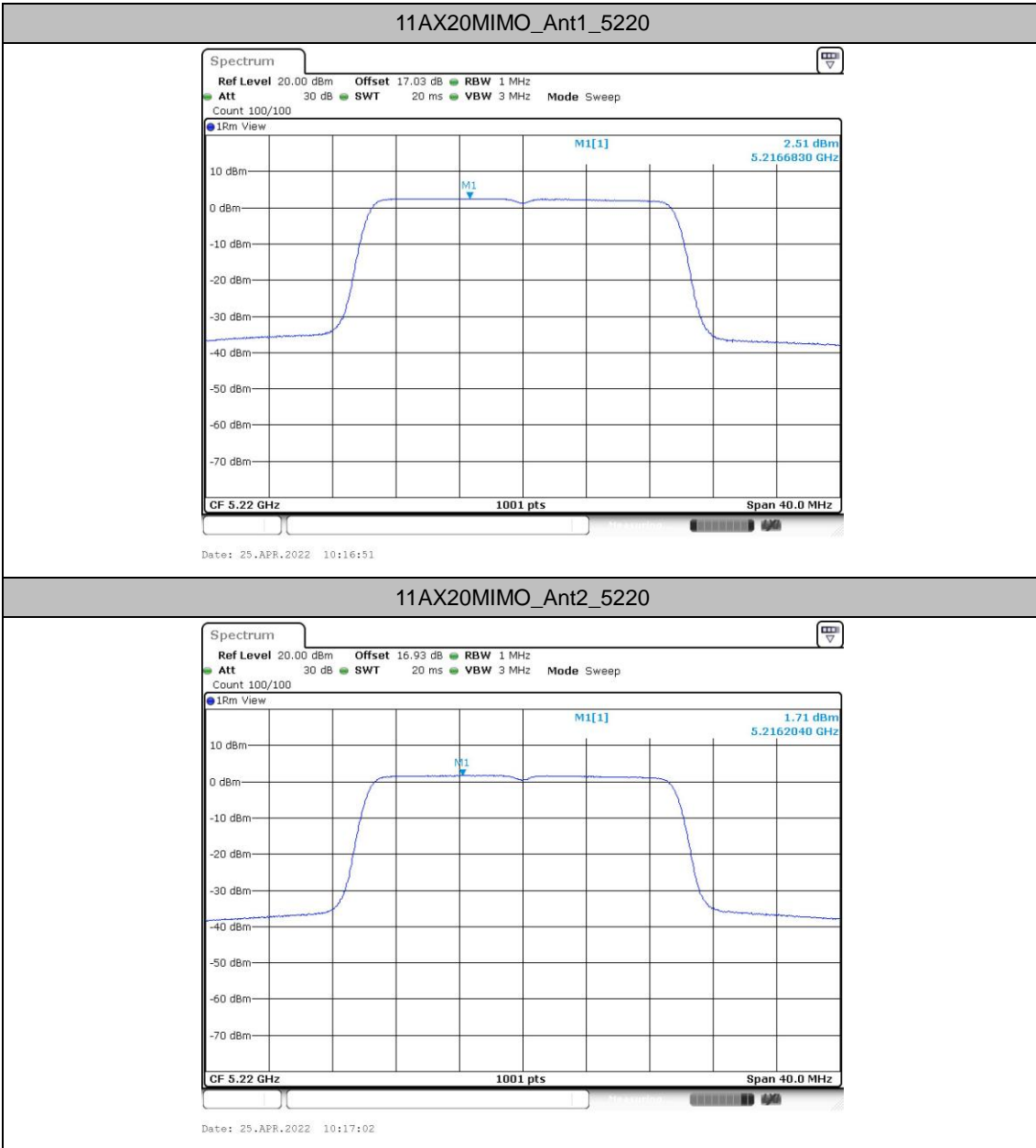


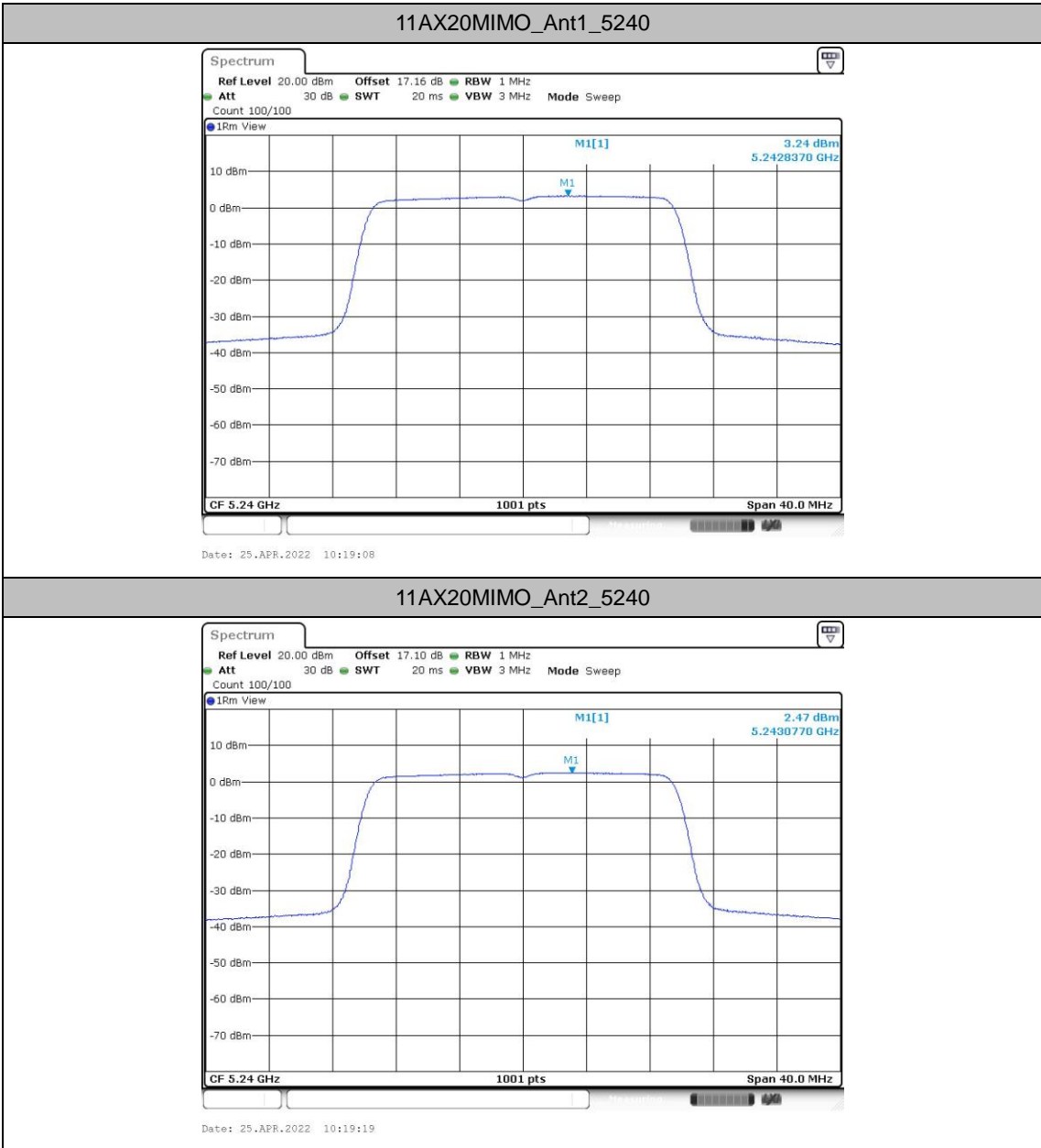
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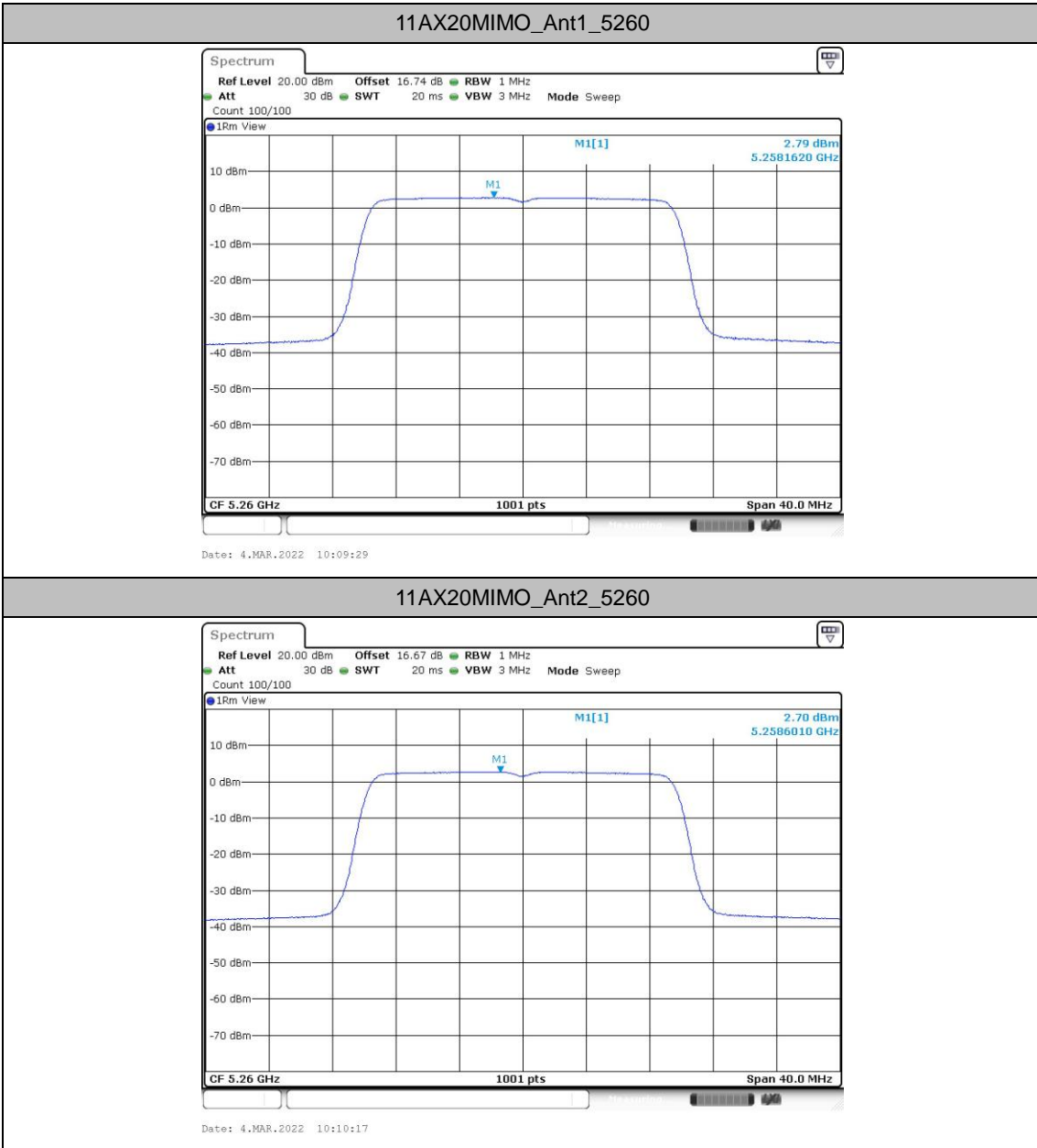
11AX20MIMO\_Ant2\_5180

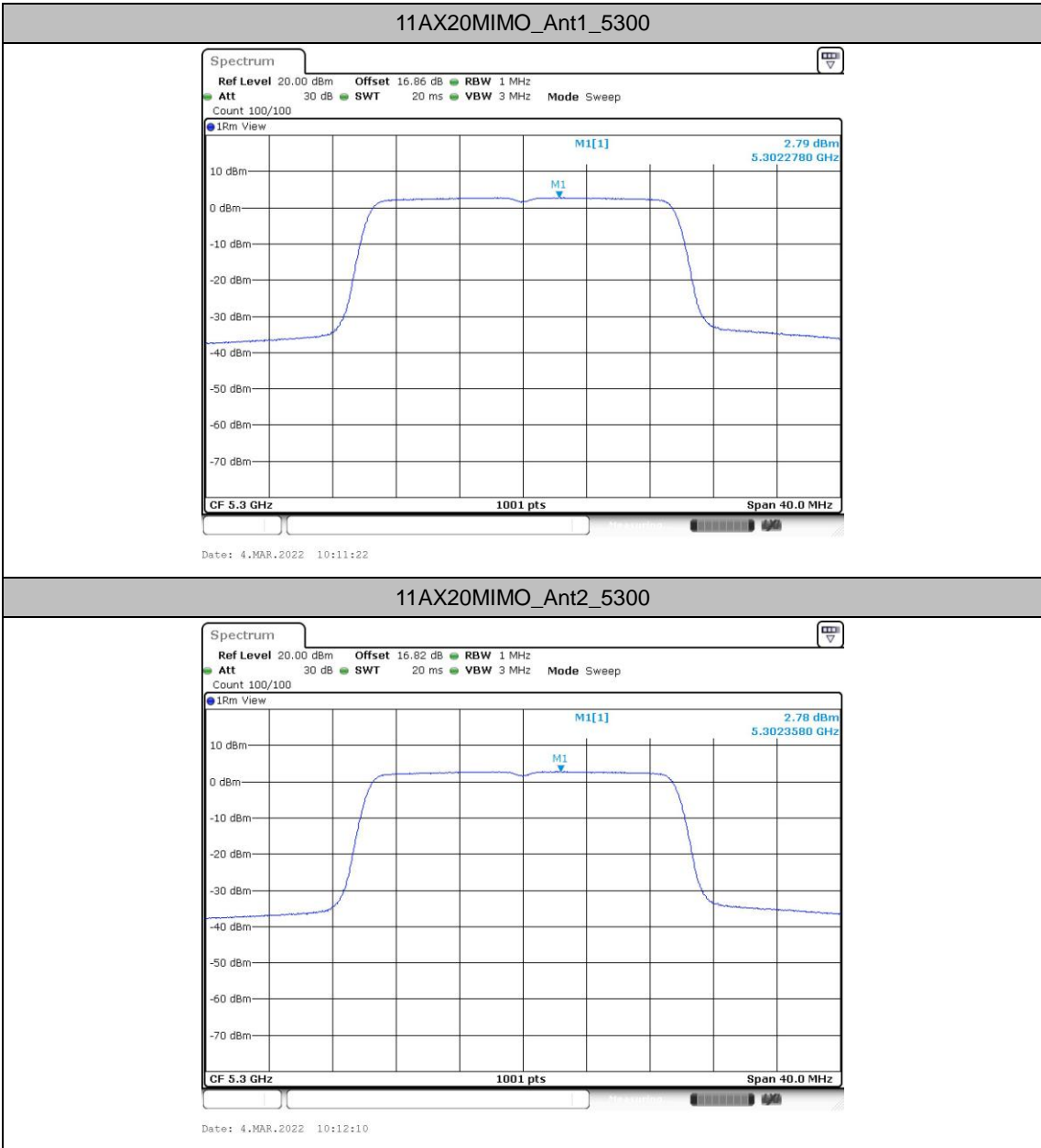


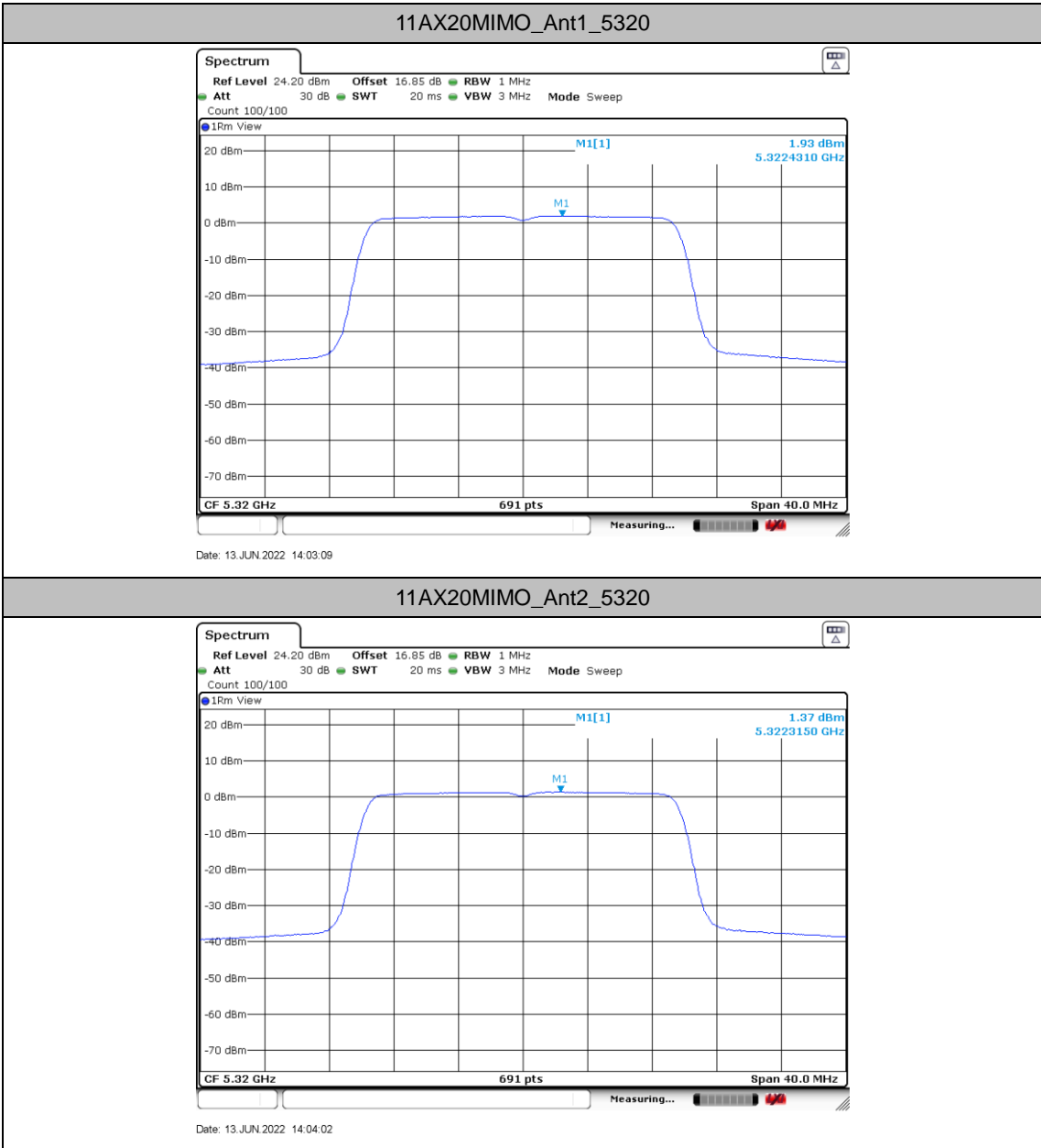
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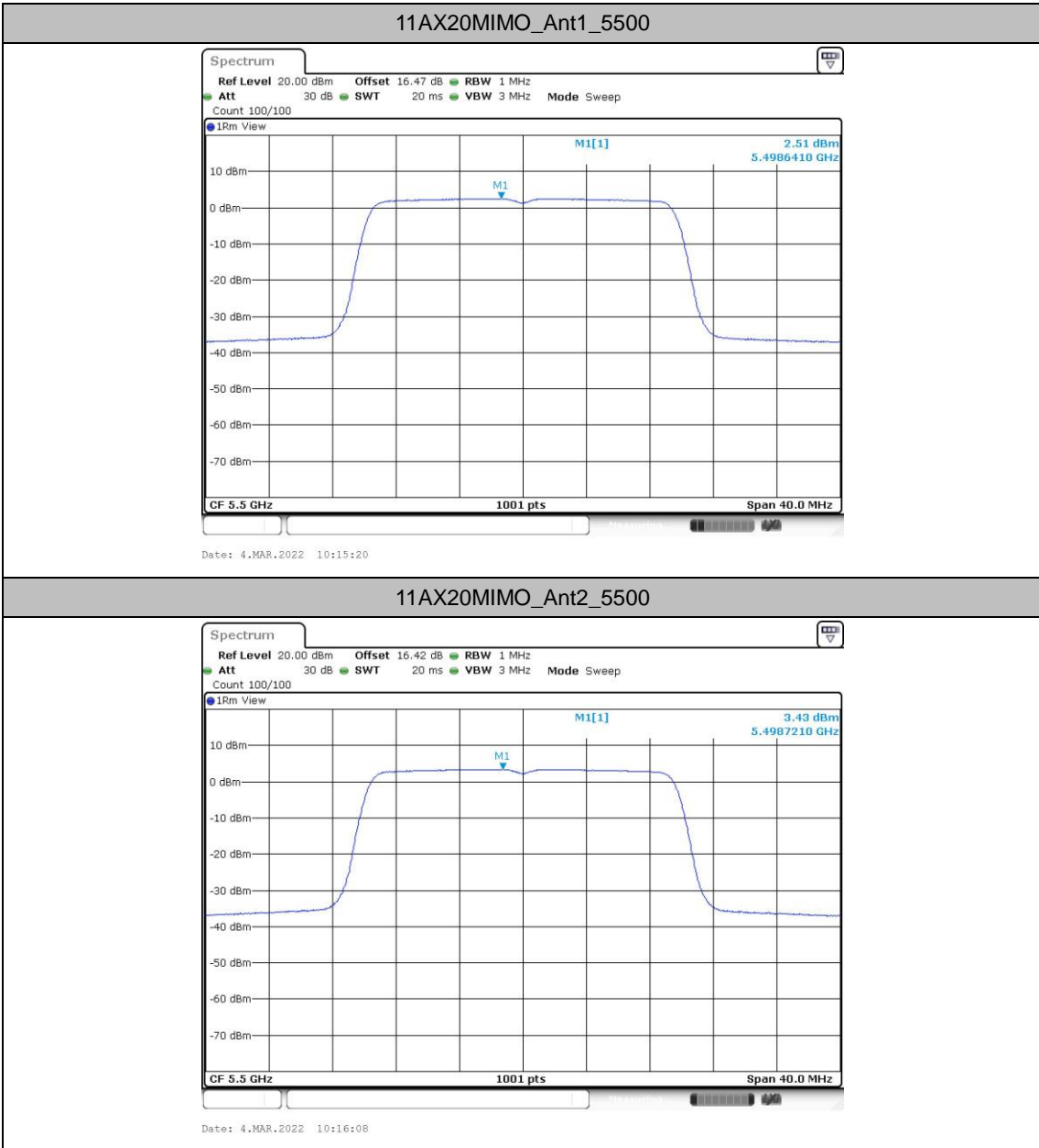


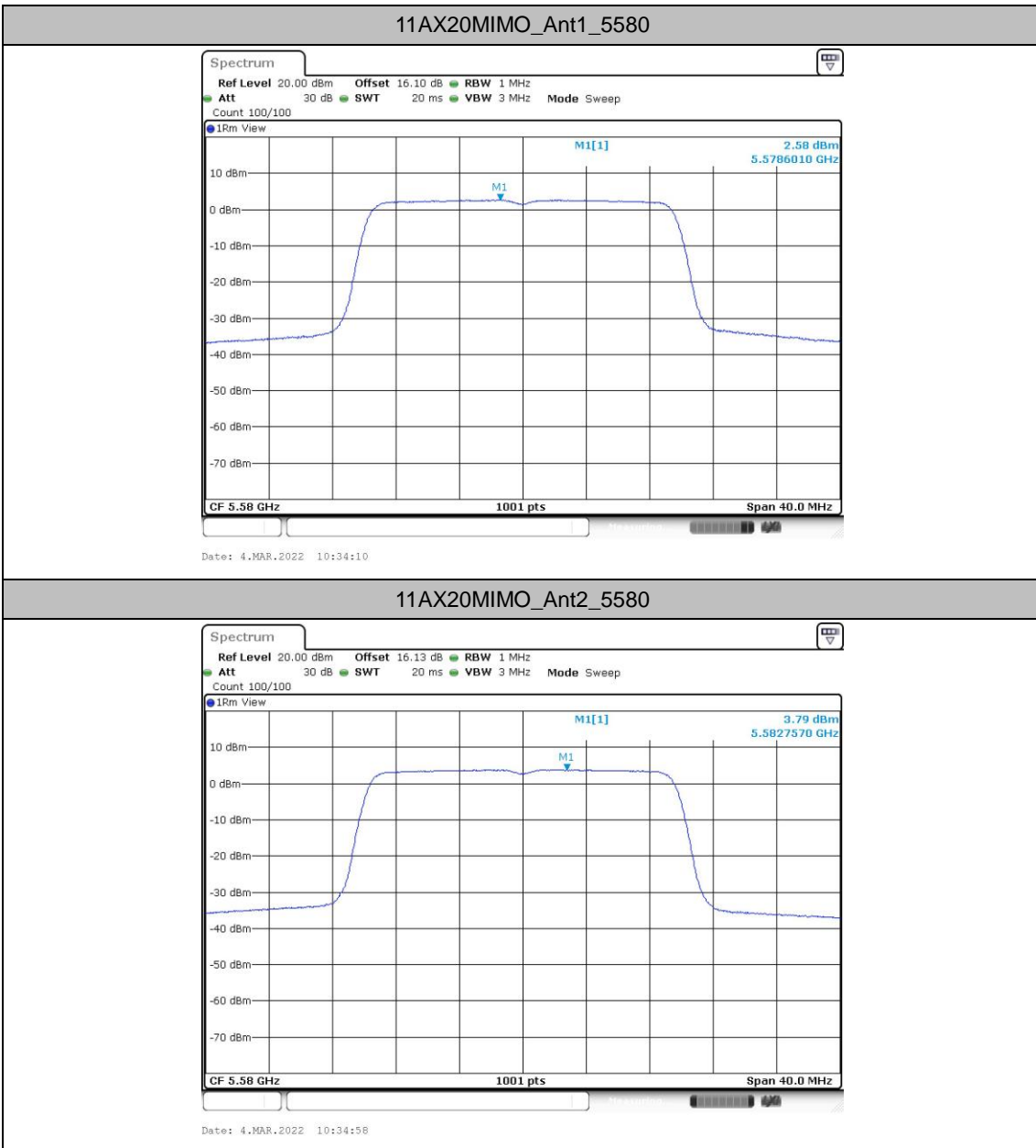








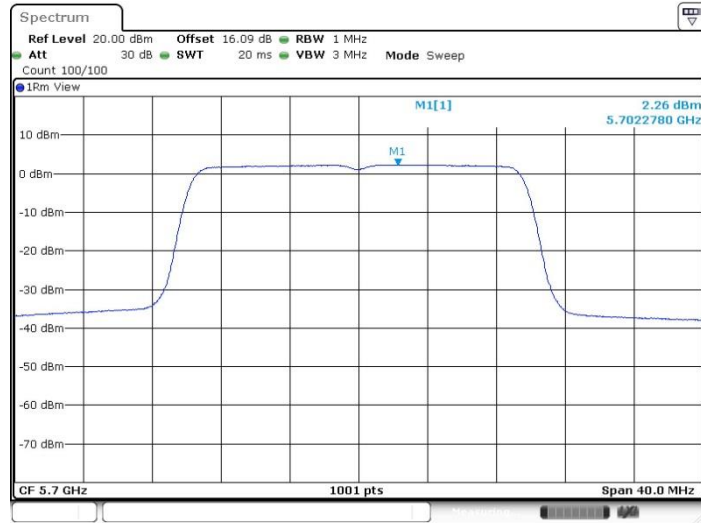






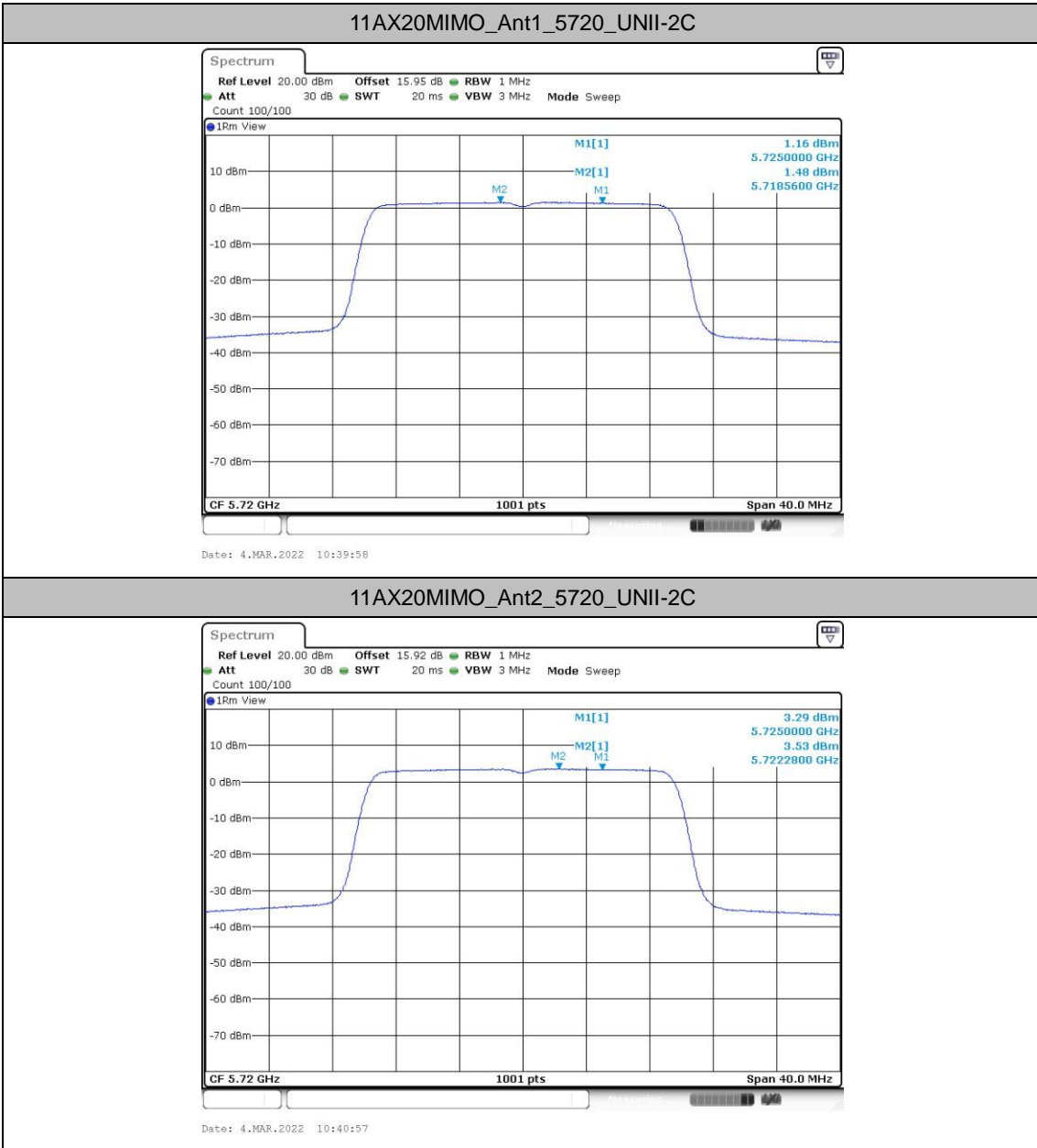


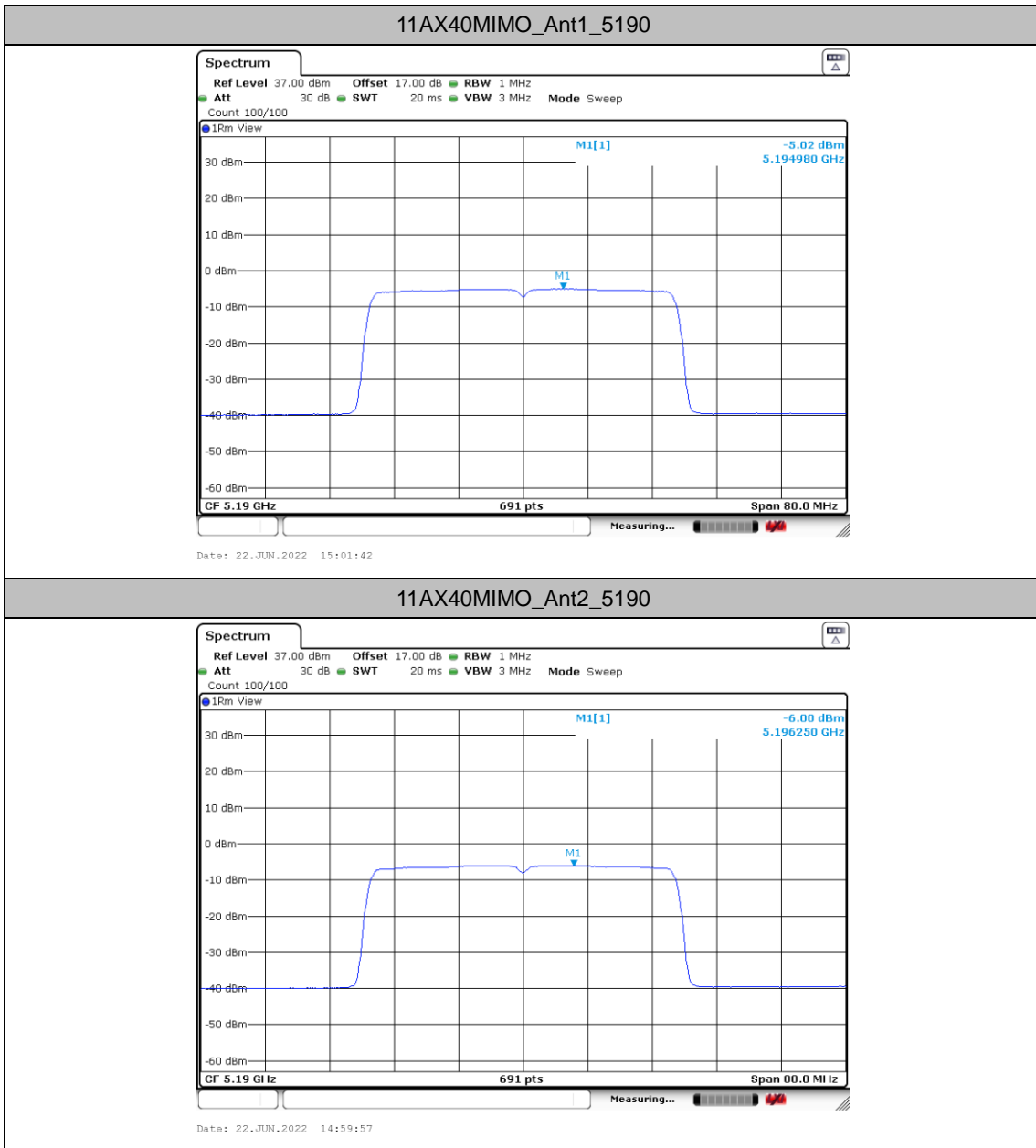
11AX20MIMO\_Ant1\_5700

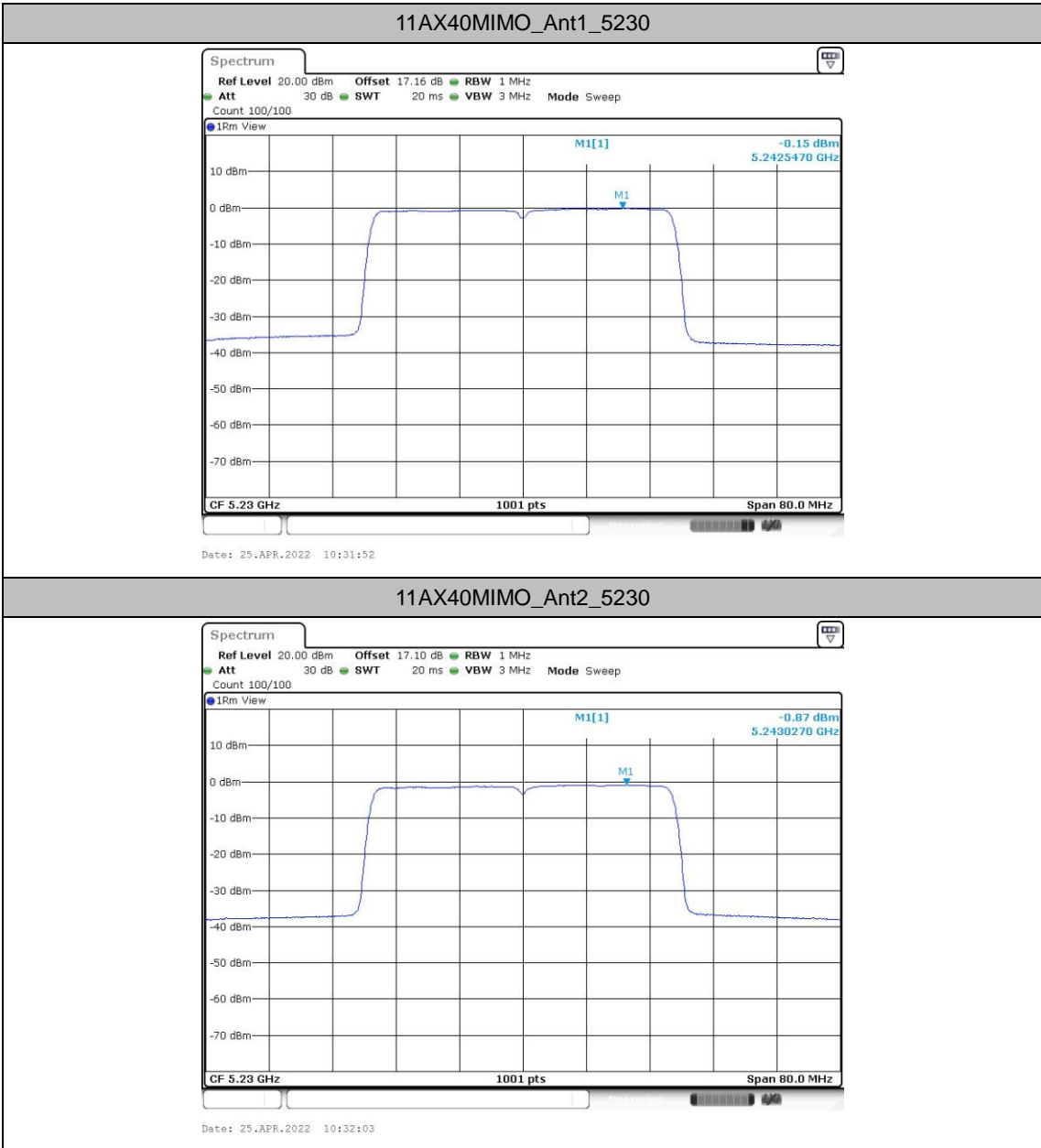


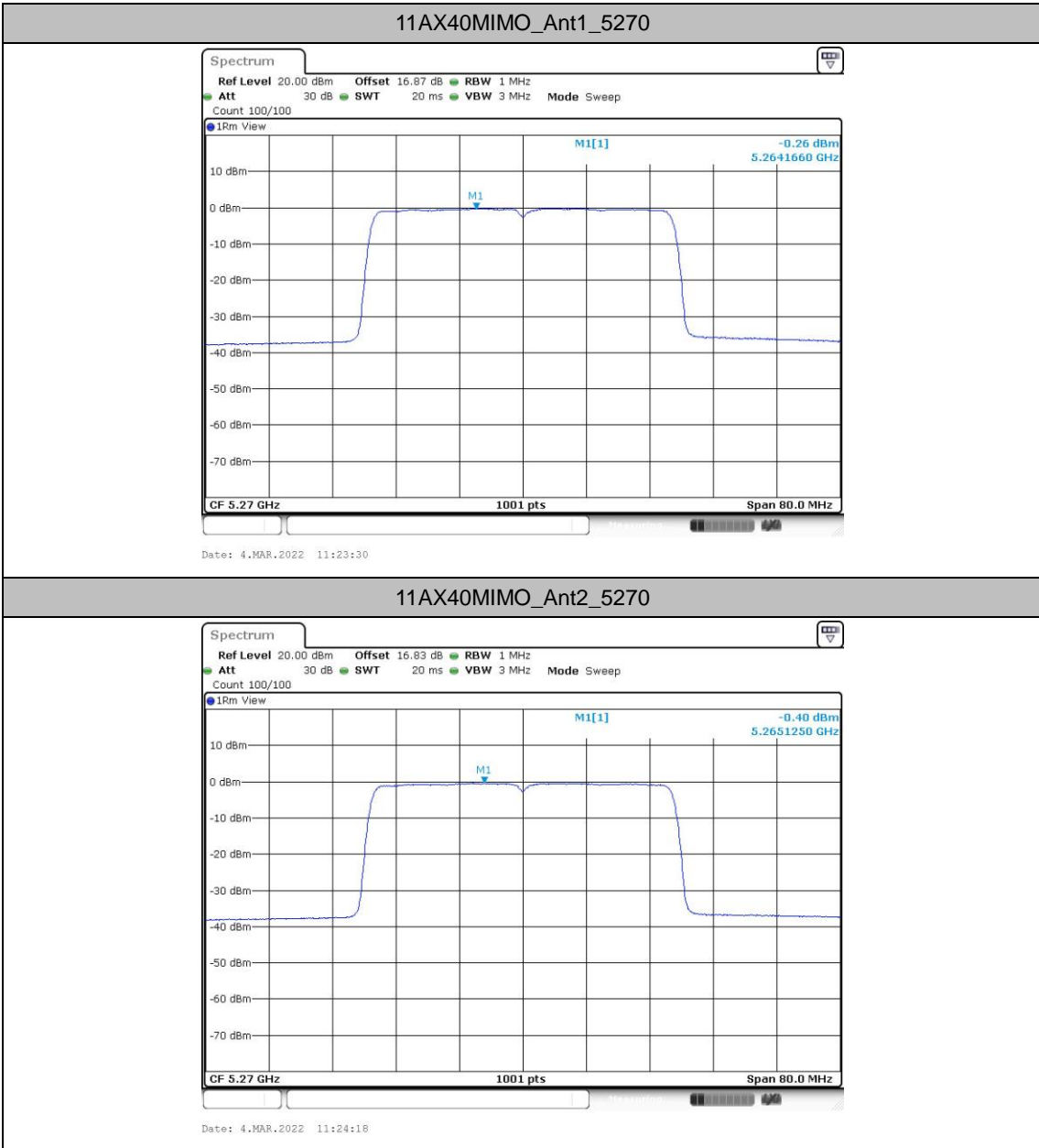
11AX20MIMO\_Ant2\_5700

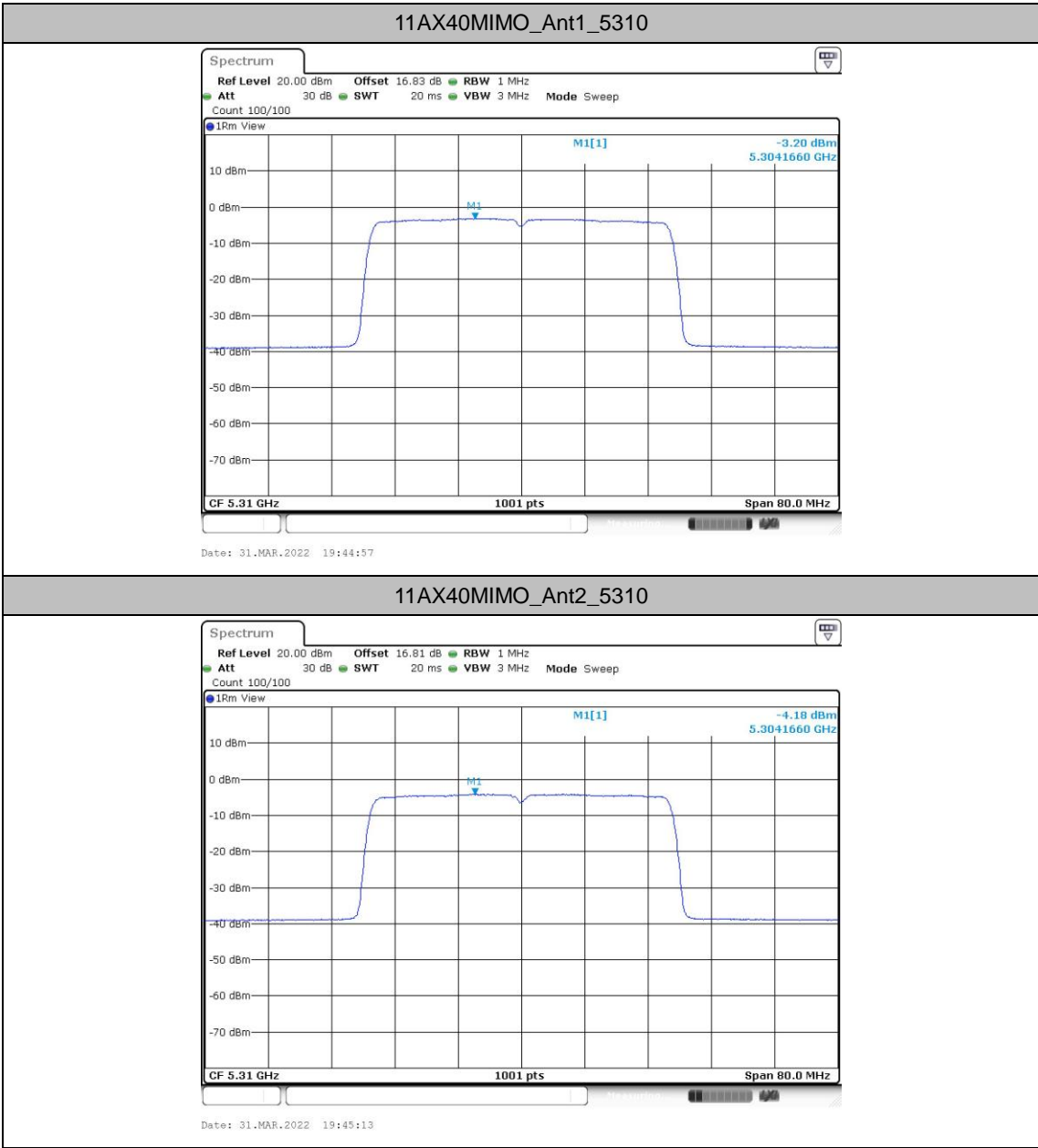


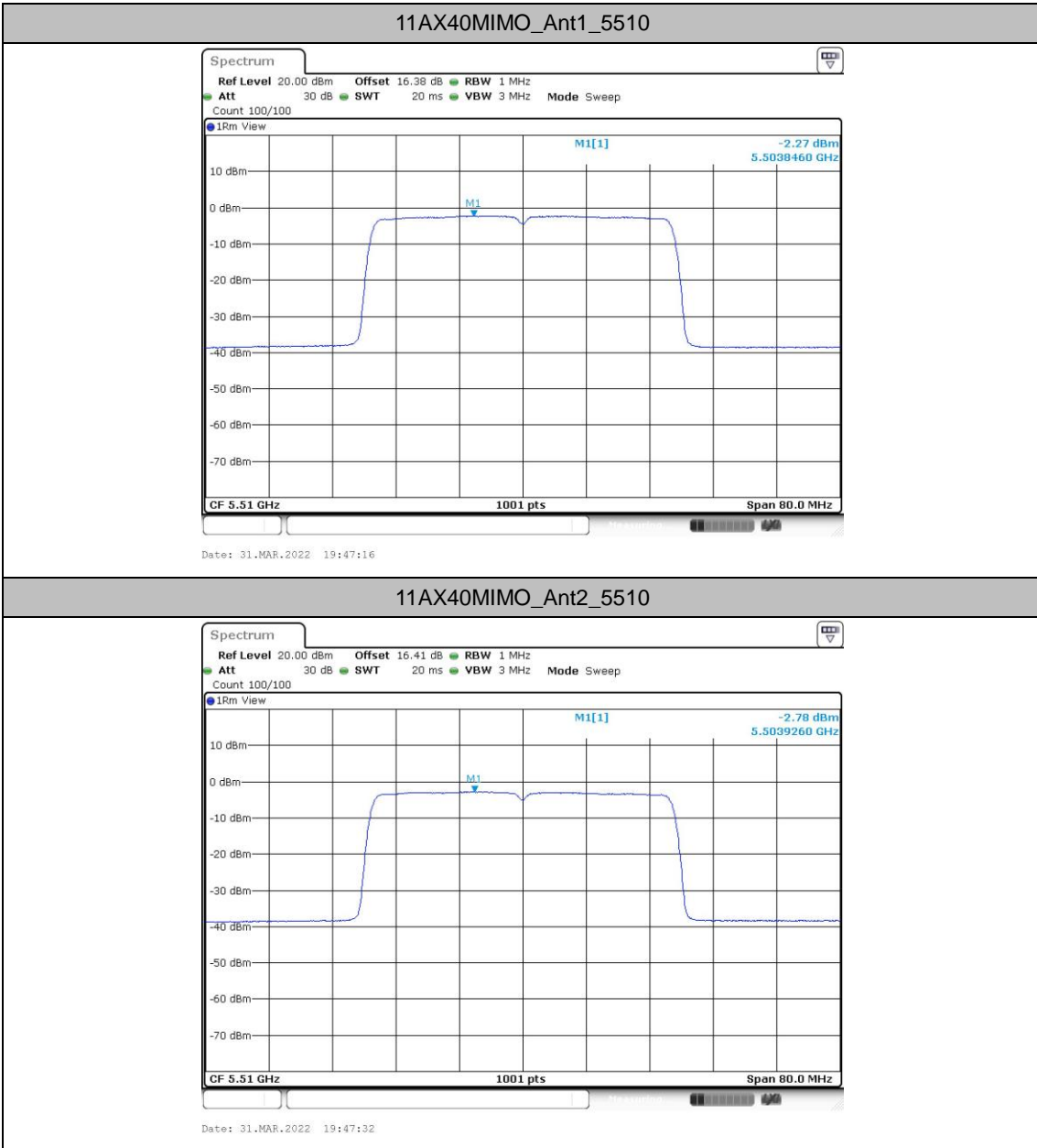


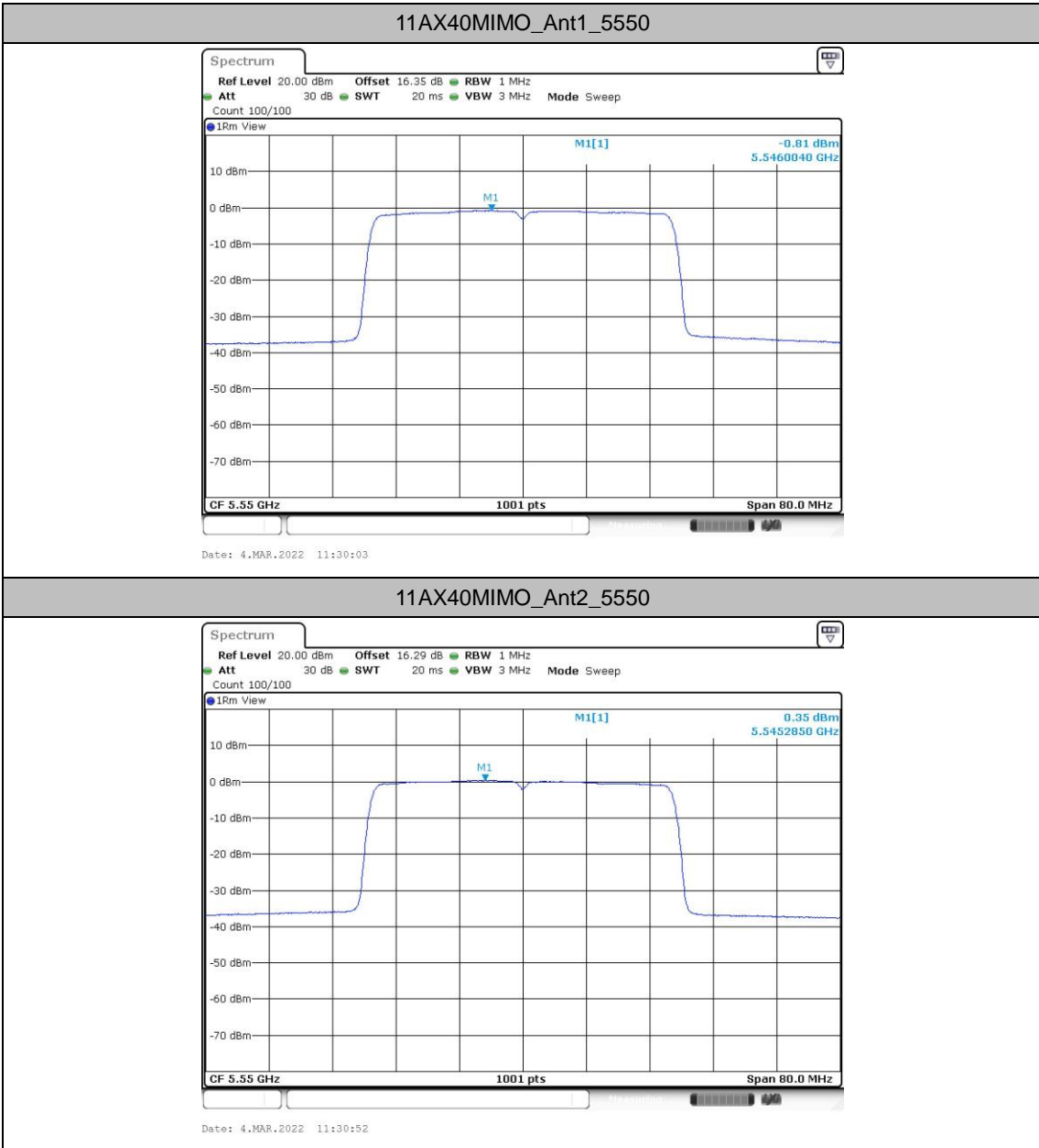




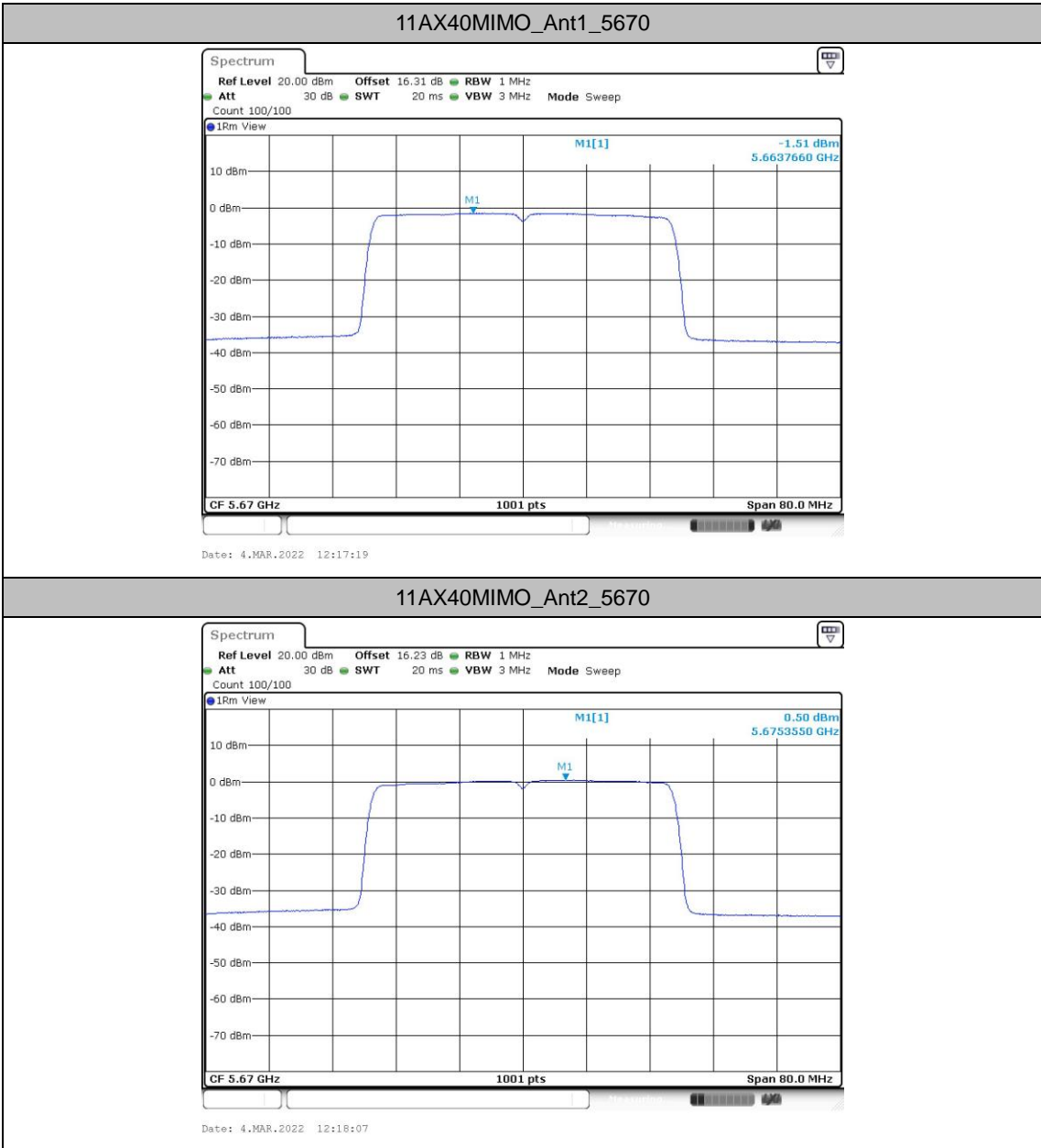


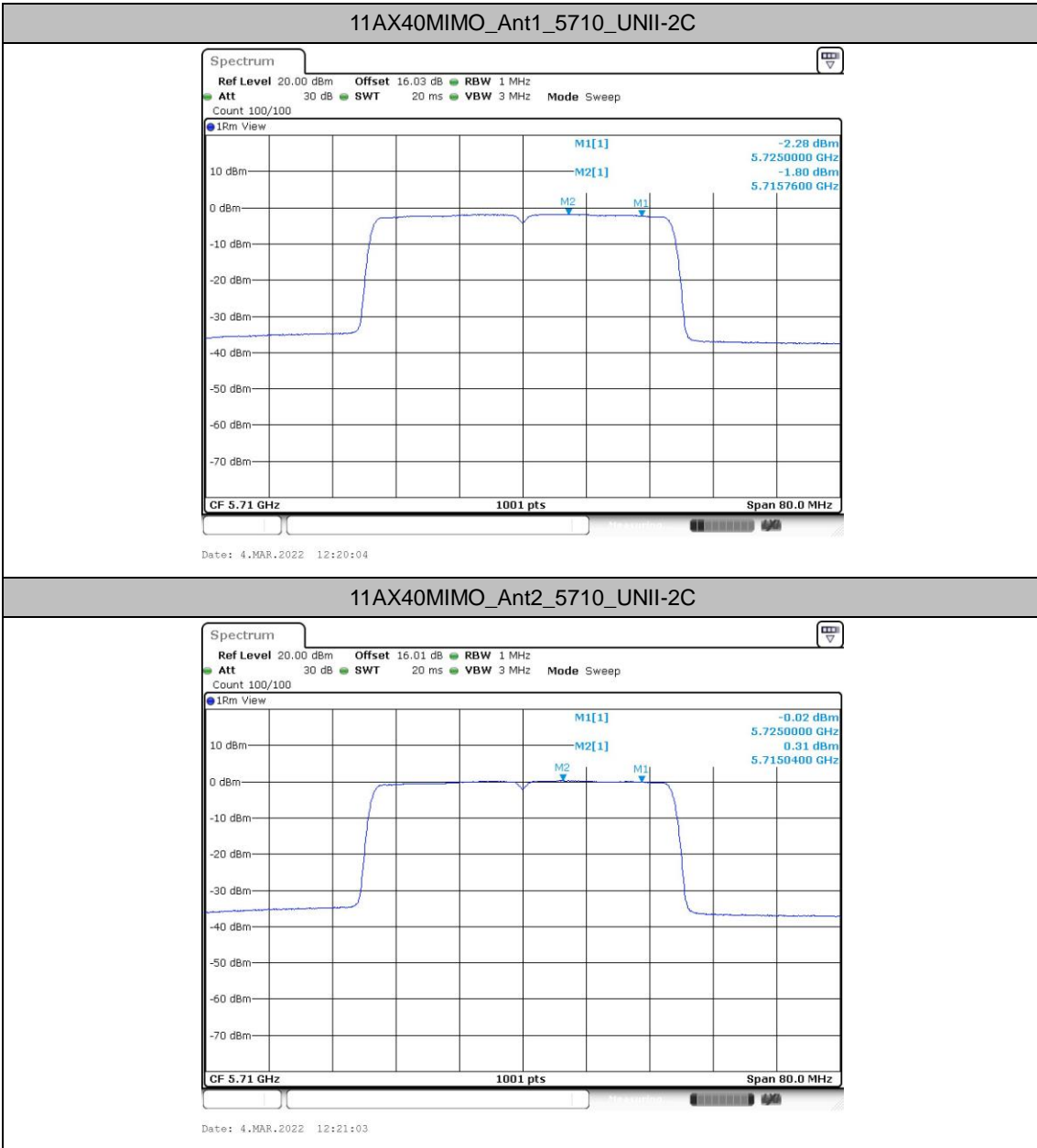


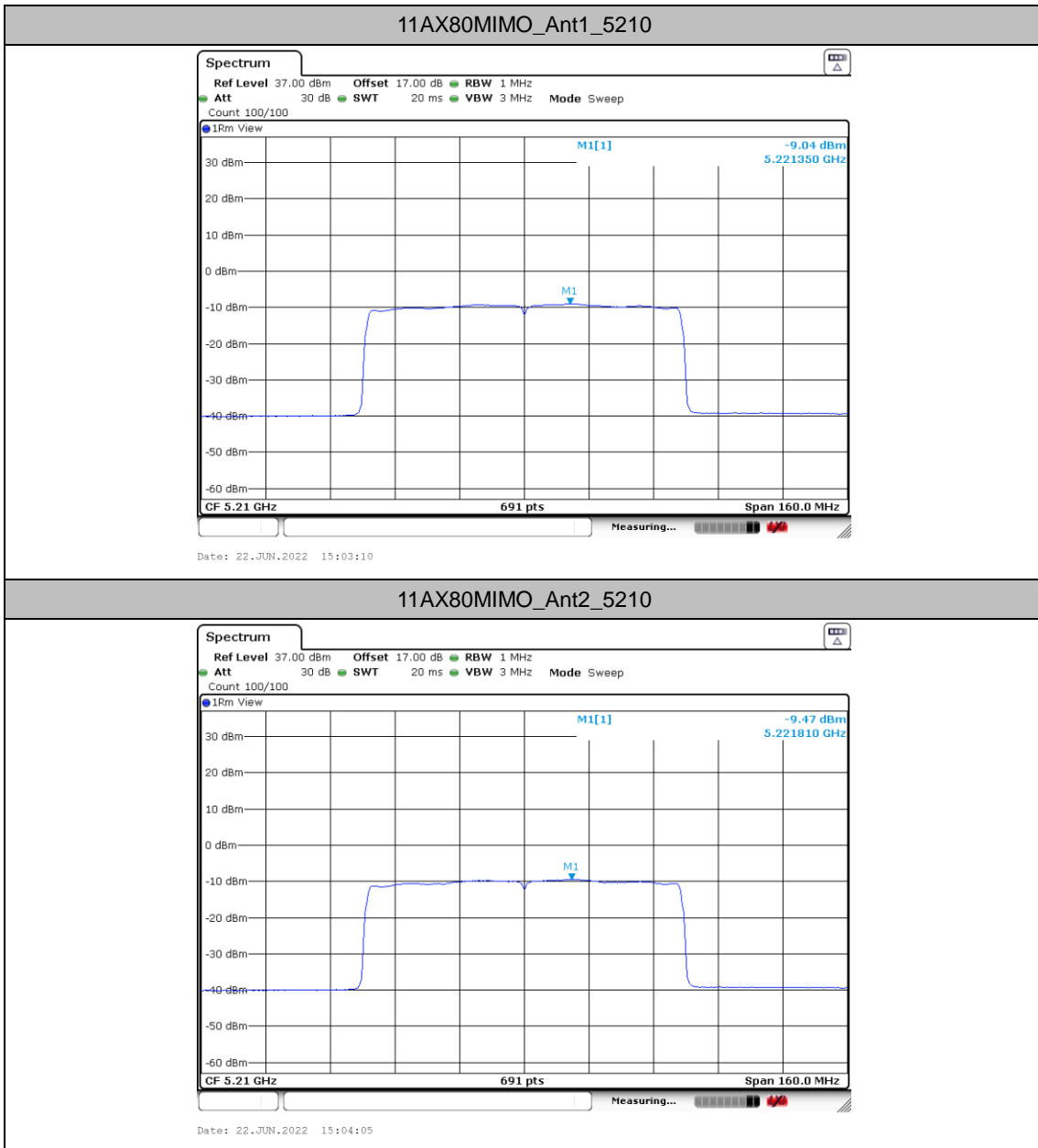


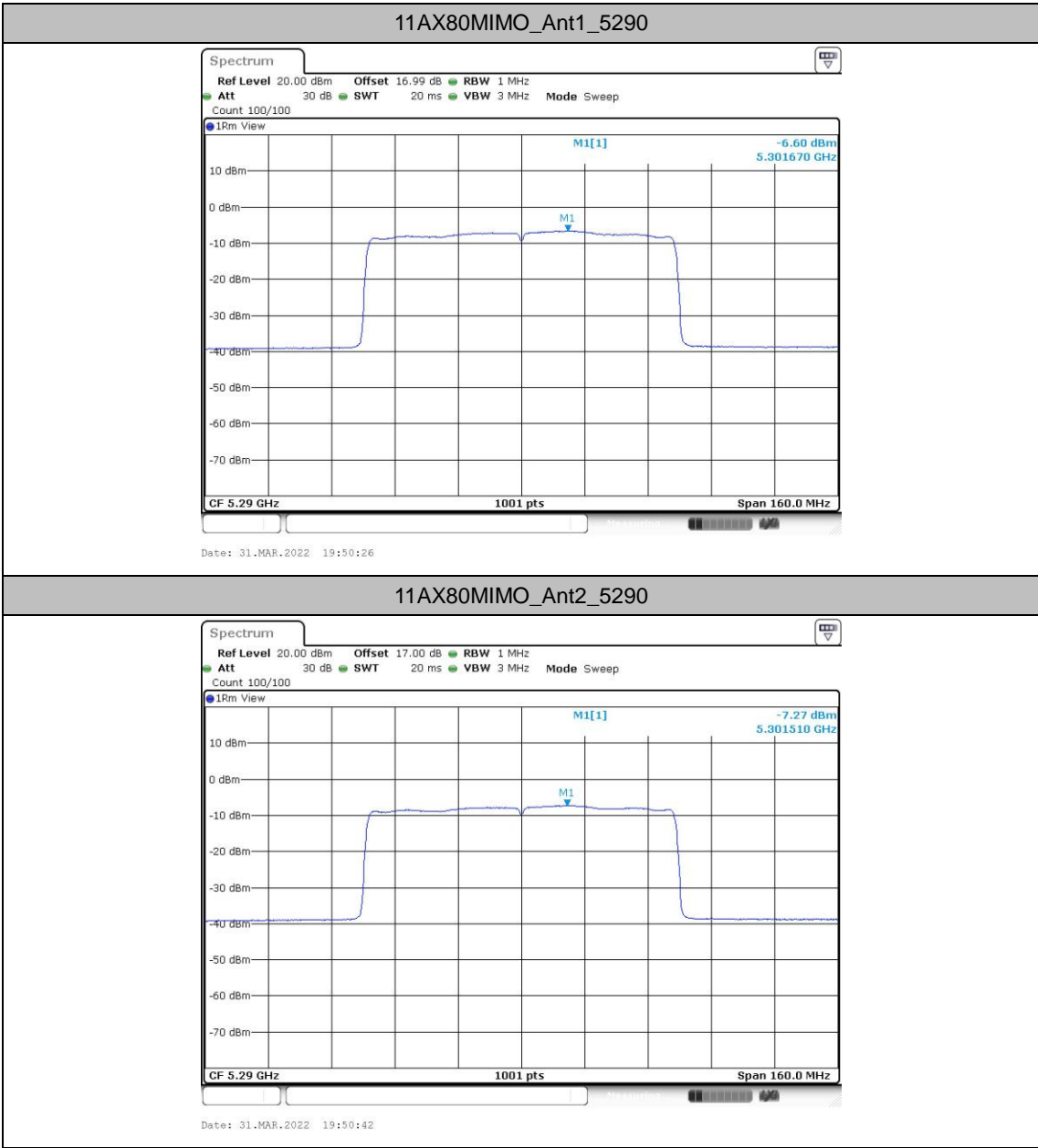












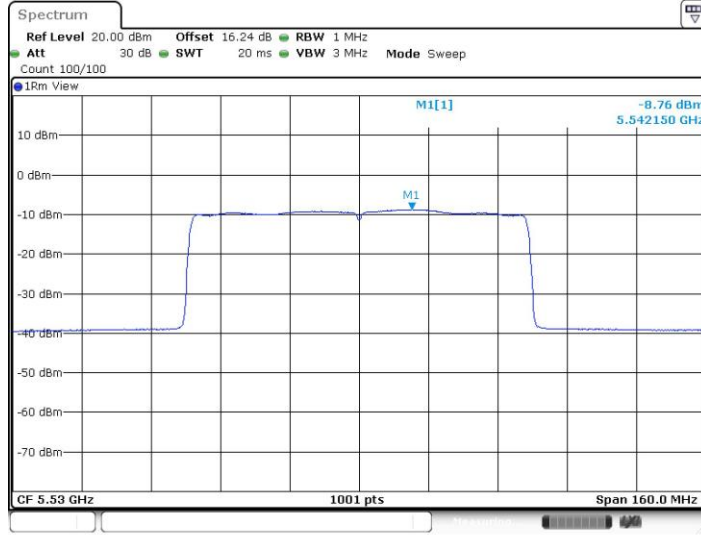


11AX80MIMO\_Ant1\_5530

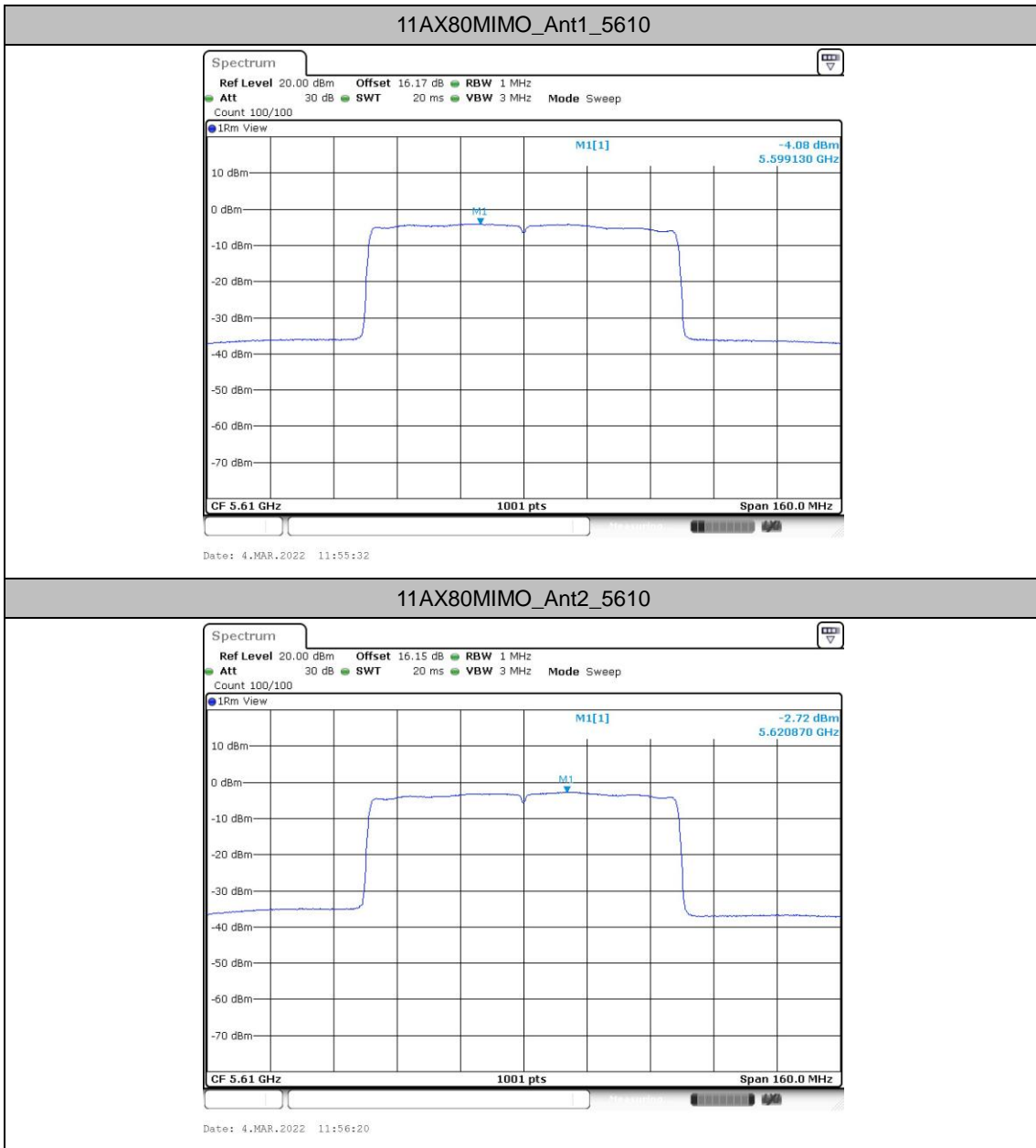


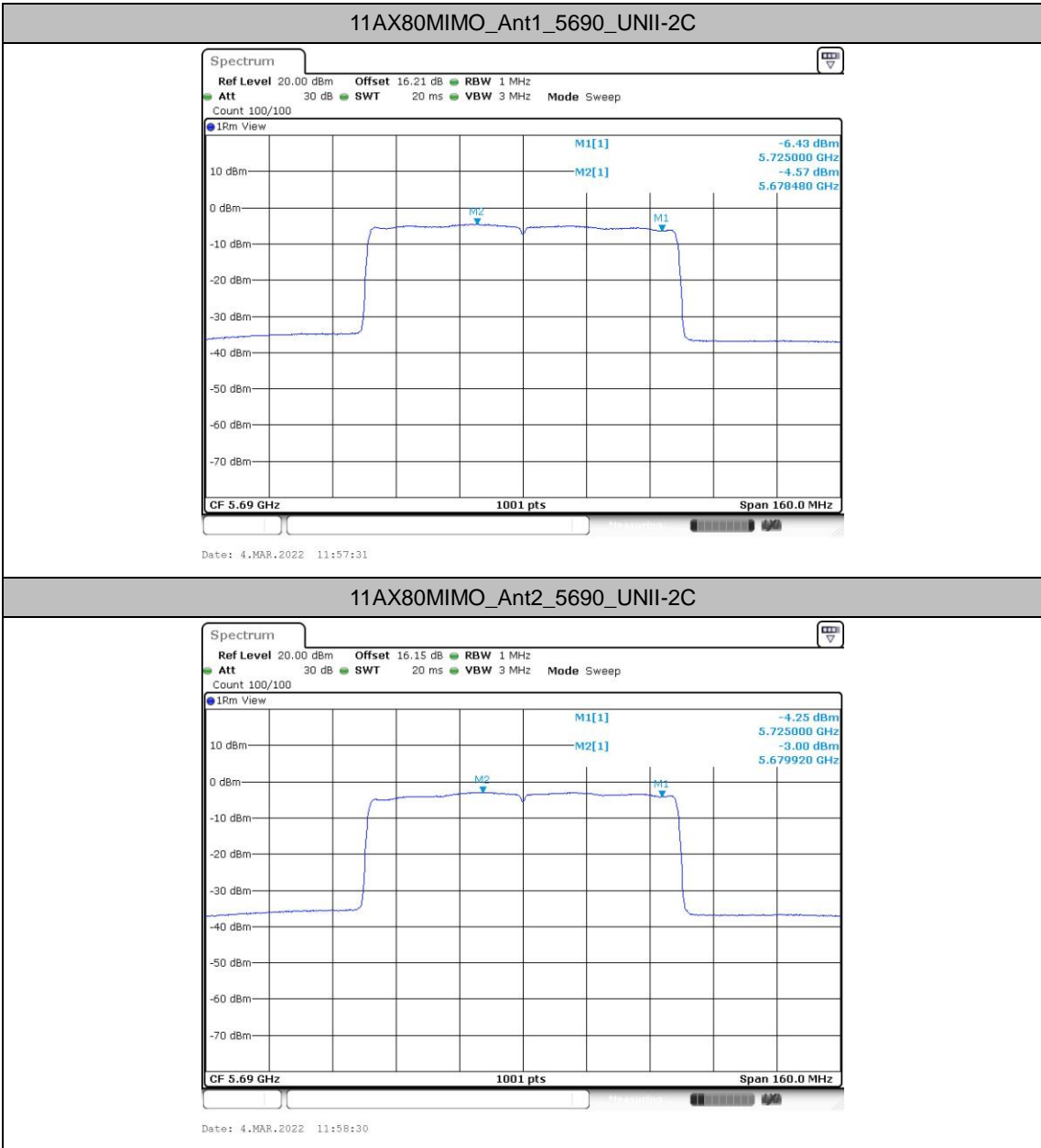
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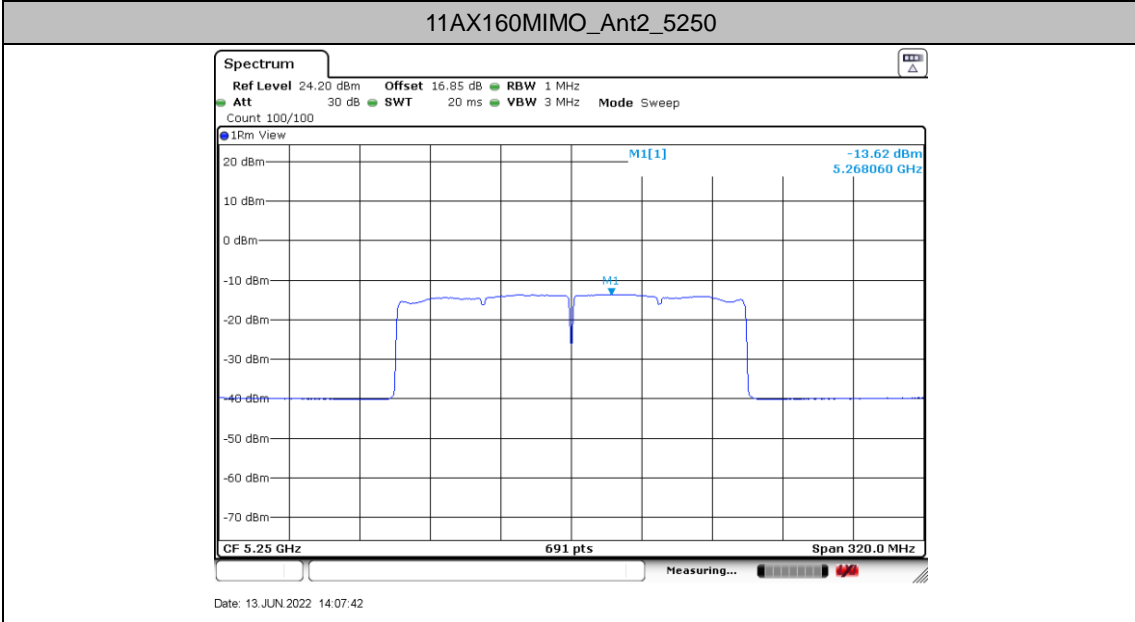
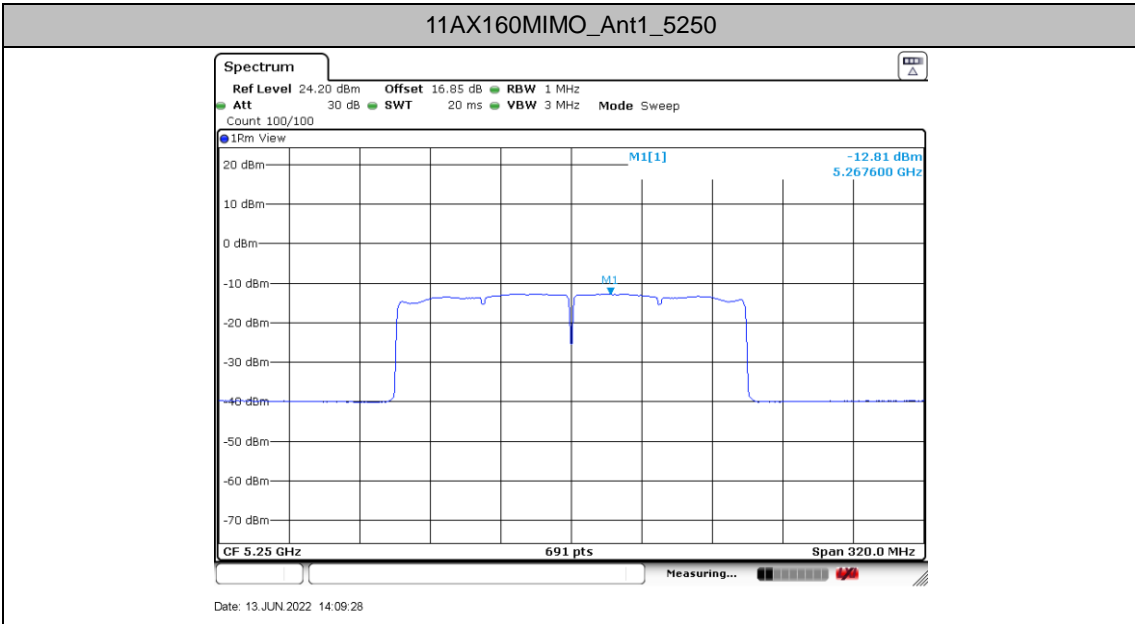
11AX80MIMO\_Ant2\_5530



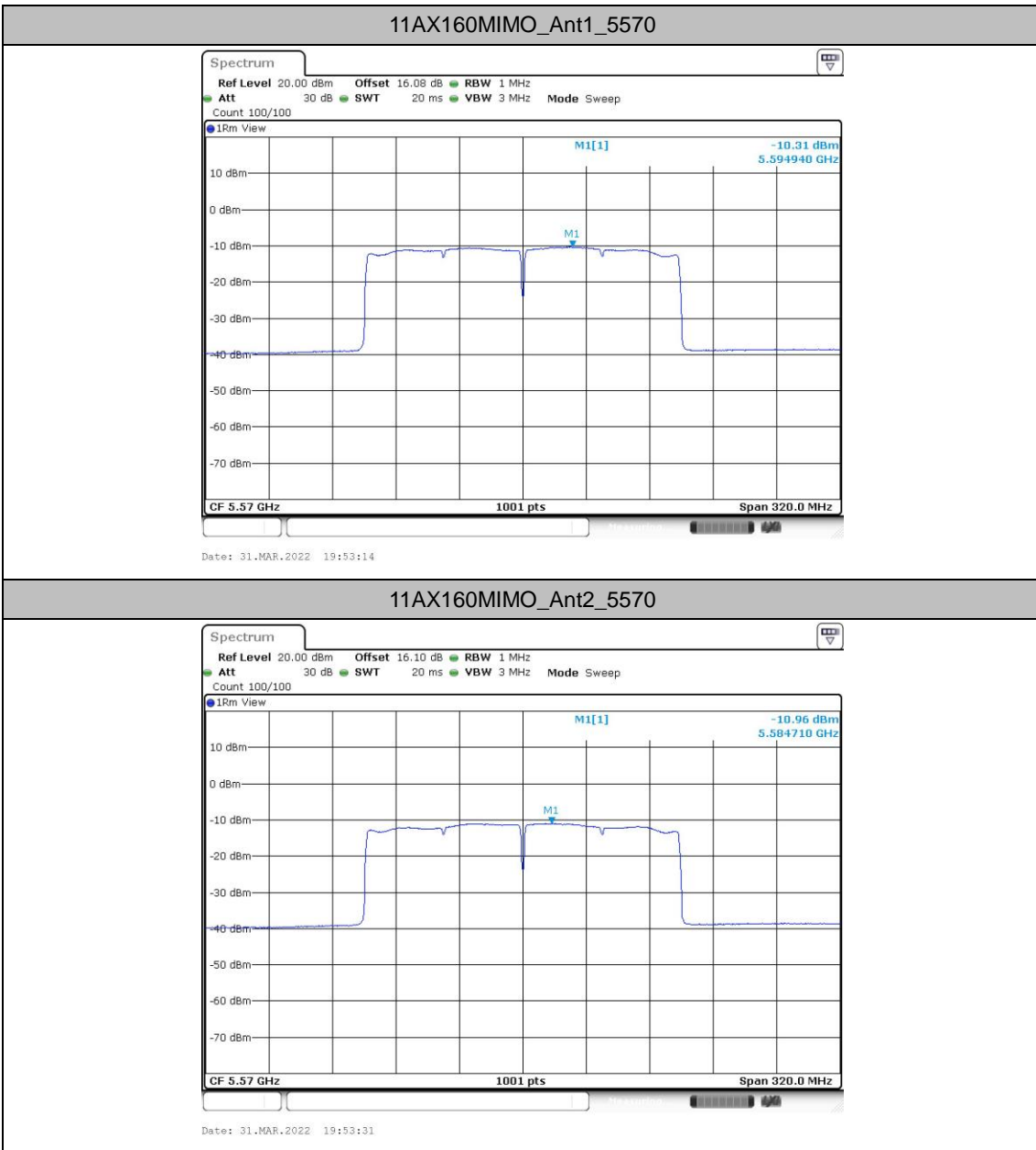
Date: 31.MAR.2022 19:51:34













### Maximum power spectral density <11ax\_Partial RU>

#### Test Result

Test Mode	Antenna	Frequency[MHz]	Ru Size	Ru Index	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11AX20MIMO	Ant1	5180	26Tone	RU0	6.13	≤16.03	PASS
			52Tone	RU37	5.98	≤16.03	PASS
			106Tone	RU53	6.24	≤16.03	PASS
	Ant2	5180	26Tone	RU0	5.31	≤16.03	PASS
			52Tone	RU37	5.41	≤16.03	PASS
			106Tone	RU53	5.23	≤16.03	PASS
	total	5180	26Tone	RU0	8.75	≤16.03	PASS
			52Tone	RU37	8.71	≤16.03	PASS
			106Tone	RU53	8.77	≤16.03	PASS
	Ant1	5220	26Tone	RU0	6.22	≤16.03	PASS
			52Tone	RU37	6.11	≤16.03	PASS
			106Tone	RU53	6.13	≤16.03	PASS
	Ant2	5220	26Tone	RU0	4.9	≤16.03	PASS
			52Tone	RU37	5.3	≤16.03	PASS
			106Tone	RU53	5.27	≤16.03	PASS
	total	5220	26Tone	RU0	8.62	≤16.03	PASS
			52Tone	RU37	8.73	≤16.03	PASS
			106Tone	RU53	8.73	≤16.03	PASS
	Ant1	5240	26Tone	RU8	4.73	≤16.03	PASS
			52Tone	RU40	5.8	≤16.03	PASS
			106Tone	RU54	5.9	≤16.03	PASS
	Ant2	5240	26Tone	RU8	3.85	≤16.03	PASS
			52Tone	RU40	5.02	≤16.03	PASS
			106Tone	RU54	5.16	≤16.03	PASS
	total	5240	26Tone	RU8	7.32	≤16.03	PASS
			52Tone	RU40	8.44	≤16.03	PASS
			106Tone	RU54	8.56	≤16.03	PASS
	Ant1	5260	26Tone	RU0	6.06	≤9.84	PASS
			52Tone	RU37	5.89	≤9.84	PASS
			106Tone	RU53	5.7	≤9.84	PASS
Ant2	5260	26Tone	RU0	5.13	≤9.84	PASS	
		52Tone	RU37	5.08	≤9.84	PASS	
		106Tone	RU53	4.87	≤9.84	PASS	
total	5260	26Tone	RU0	8.63	≤9.84	PASS	



			52Tone	RU37	8.51	≤9.84	PASS
			106Tone	RU53	8.32	≤9.84	PASS
	Ant1	5300	26Tone	RU0	6.05	≤9.84	PASS
			52Tone	RU37	5.67	≤9.84	PASS
			106Tone	RU53	5.95	≤9.84	PASS
	Ant2	5300	26Tone	RU0	5.01	≤9.84	PASS
			52Tone	RU37	4.54	≤9.84	PASS
			106Tone	RU53	4.66	≤9.84	PASS
	total	5300	26Tone	RU0	8.57	≤9.84	PASS
			52Tone	RU37	8.15	≤9.84	PASS
			106Tone	RU53	8.36	≤9.84	PASS
	Ant1	5320	26Tone	RU8	6.08	≤9.84	PASS
			52Tone	RU40	6.08	≤9.84	PASS
			106Tone	RU54	5.84	≤9.84	PASS
	Ant2	5320	26Tone	RU8	4.82	≤9.84	PASS
			52Tone	RU40	4.84	≤9.84	PASS
			106Tone	RU54	4.78	≤9.84	PASS
	total	5320	26Tone	RU8	8.51	≤9.84	PASS
			52Tone	RU40	8.51	≤9.84	PASS
			106Tone	RU54	8.35	≤9.84	PASS
	Ant1	5500	26Tone	RU0	4.64	≤9.39	PASS
			52Tone	RU37	5.91	≤9.39	PASS
			106Tone	RU53	5.89	≤9.39	PASS
	Ant2	5500	26Tone	RU0	4.22	≤9.39	PASS
52Tone			RU37	4.62	≤9.39	PASS	
106Tone			RU53	4.53	≤9.39	PASS	
total	5500	26Tone	RU0	7.45	≤9.39	PASS	
		52Tone	RU37	8.32	≤9.39	PASS	
		106Tone	RU53	8.27	≤9.39	PASS	
Ant1	5580	26Tone	RU0	5.23	≤9.39	PASS	
		52Tone	RU37	5.58	≤9.39	PASS	
		106Tone	RU53	5.52	≤9.39	PASS	
Ant2	5580	26Tone	RU0	3.75	≤9.39	PASS	
		52Tone	RU37	4.59	≤9.39	PASS	
		106Tone	RU53	4.62	≤9.39	PASS	
total	5580	26Tone	RU0	7.56	≤9.39	PASS	
		52Tone	RU37	8.12	≤9.39	PASS	
		106Tone	RU53	8.10	≤9.39	PASS	
Ant1	5700	26Tone	RU8	6.19	≤9.39	PASS	
		52Tone	RU40	5.57	≤9.39	PASS	
		106Tone	RU54	5.7	≤9.39	PASS	

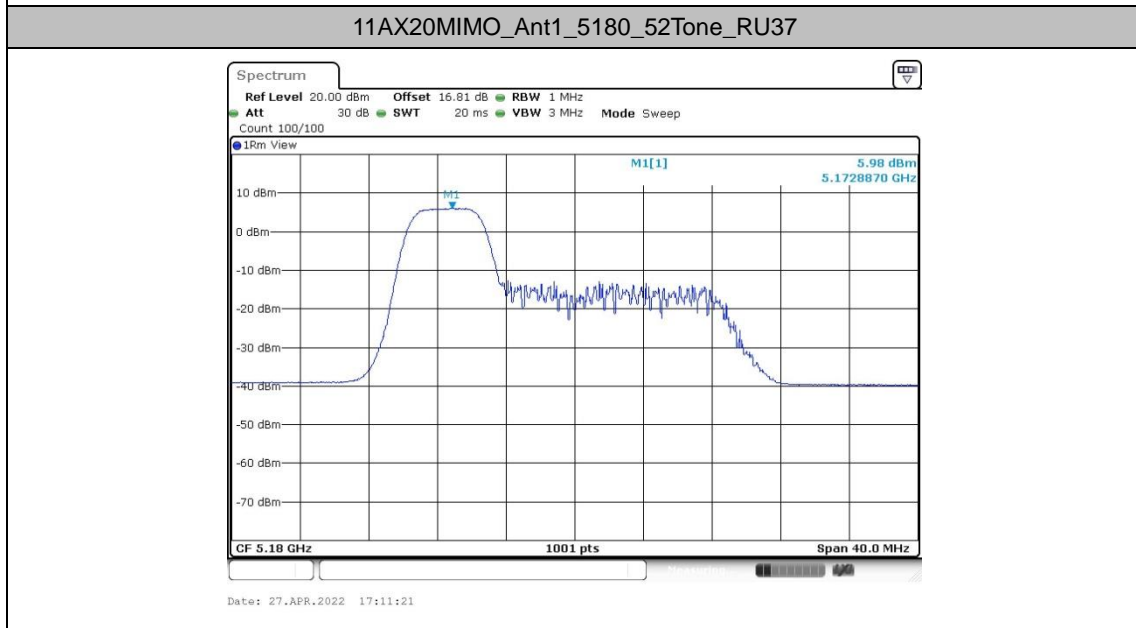
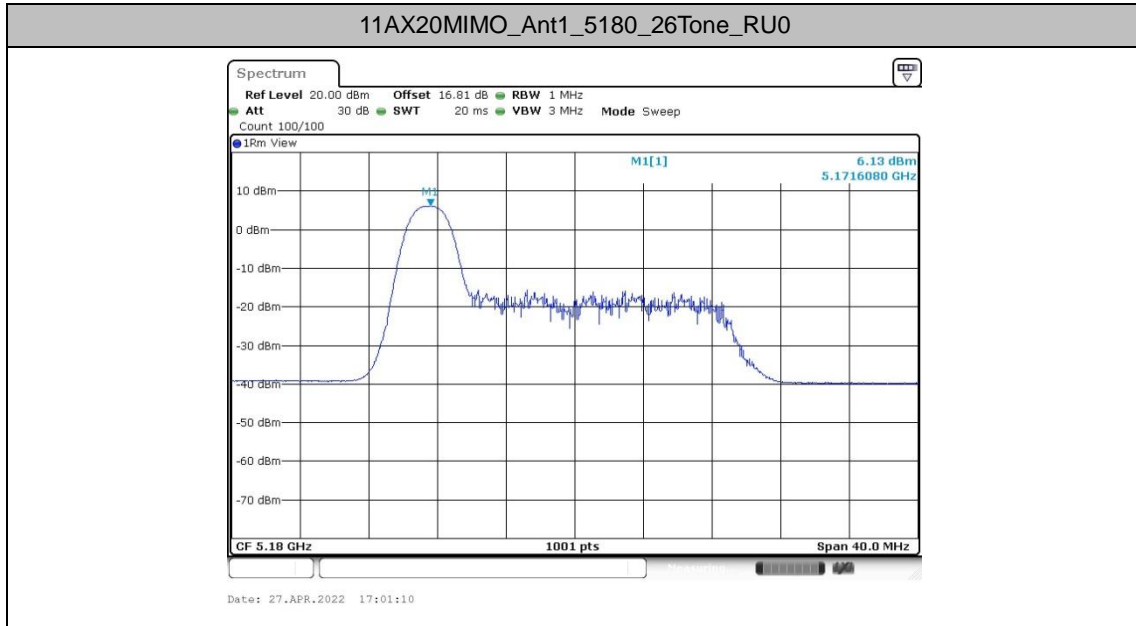


	Ant2	5700	26Tone	RU8	3.61	$\leq 9.39$	PASS
			52Tone	RU40	4.72	$\leq 9.39$	PASS
			106Tone	RU54	4.9	$\leq 9.39$	PASS
	total	5700	26Tone	RU8	8.10	$\leq 9.39$	PASS
			52Tone	RU40	8.18	$\leq 9.39$	PASS
			106Tone	RU54	8.33	$\leq 9.39$	PASS

Note: 1.The Duty Cycle Factor and RBW Factor is compensated in the graph.

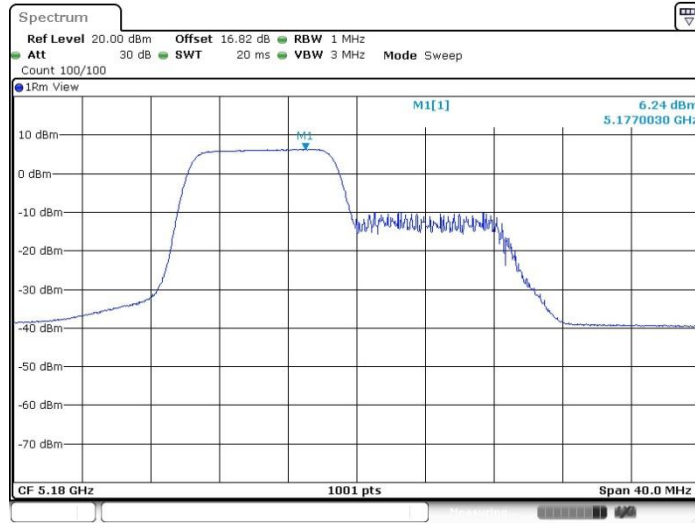


### Test Graphs



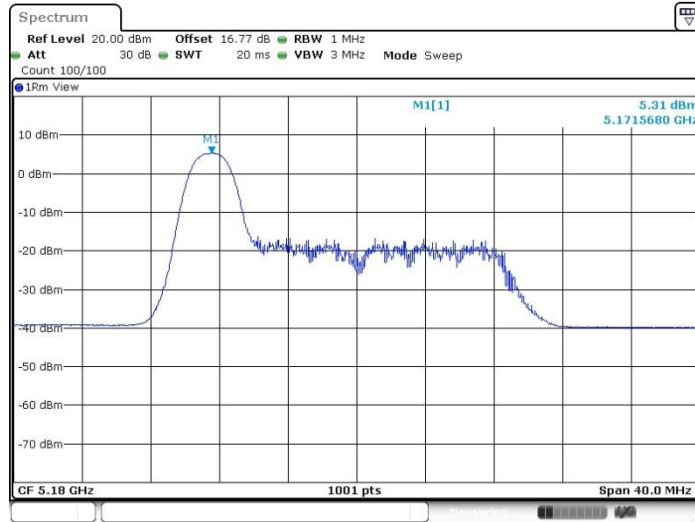


11AX20MIMO\_Ant1\_5180\_106Tone\_RU53



Date: 27.APR.2022 17:16:09

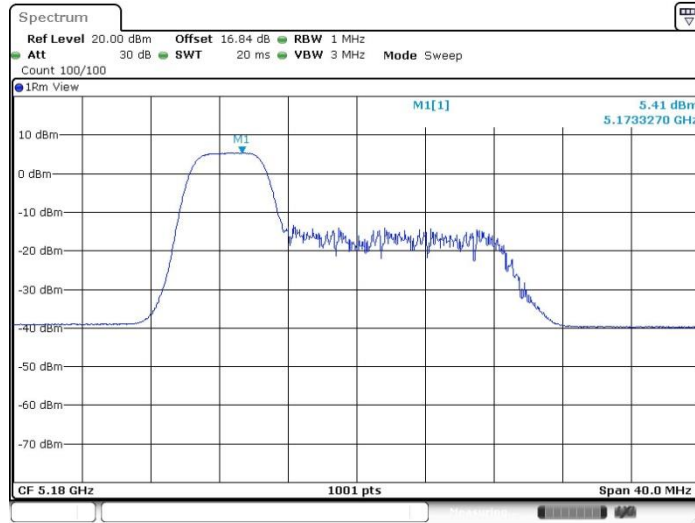
11AX20MIMO\_Ant2\_5180\_26Tone\_RU0



Date: 27.APR.2022 17:01:21

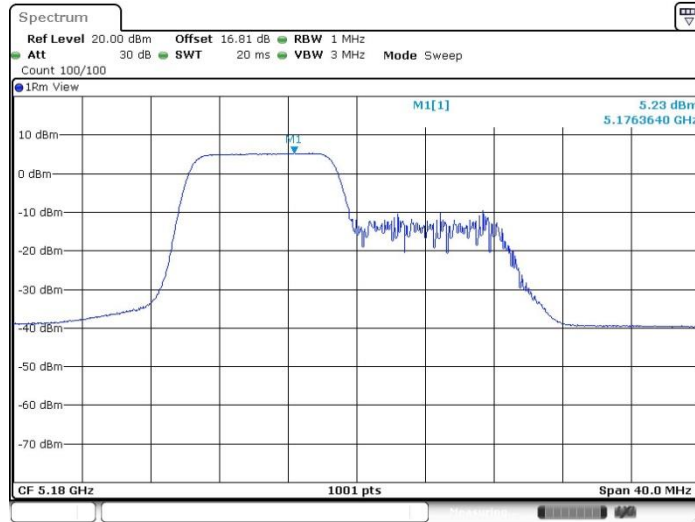


11AX20MIMO\_Ant2\_5180\_52Tone\_RU37



Date: 27.APR.2022 17:11:32

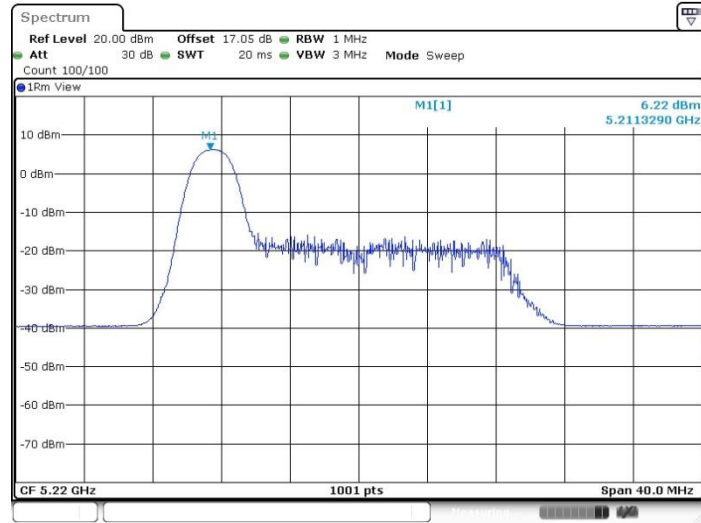
11AX20MIMO\_Ant2\_5180\_106Tone\_RU53



Date: 27.APR.2022 17:16:20

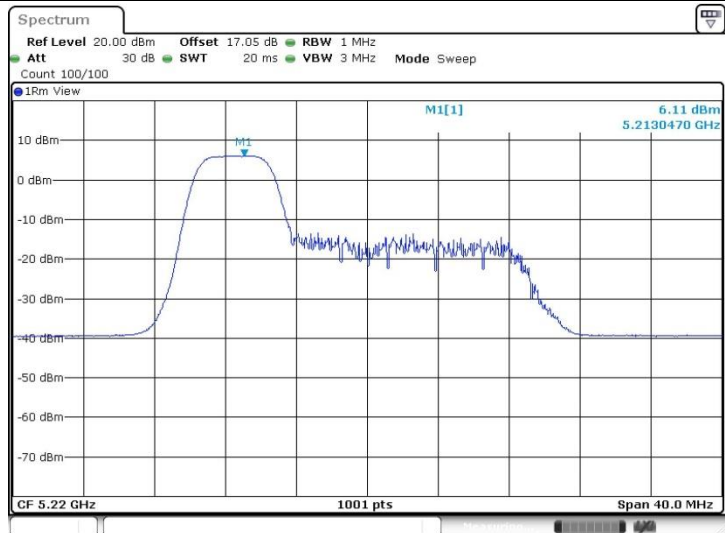


11AX20MIMO\_Ant1\_5220\_26Tone\_RU0



Date: 27.APR.2022 17:26:45

11AX20MIMO\_Ant1\_5220\_52Tone\_RU37

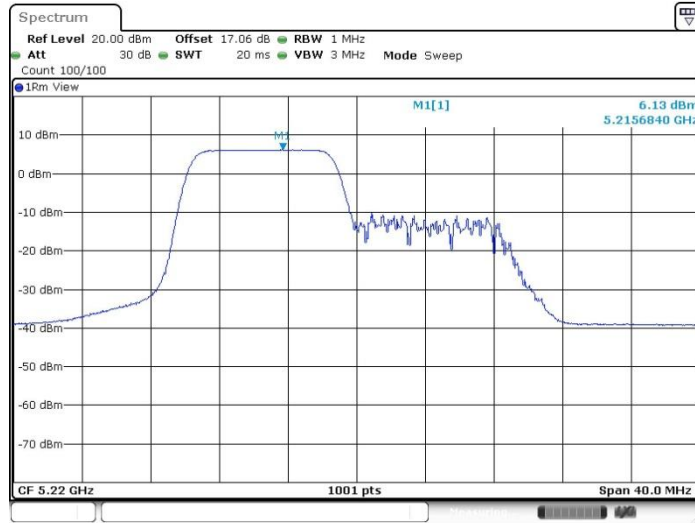


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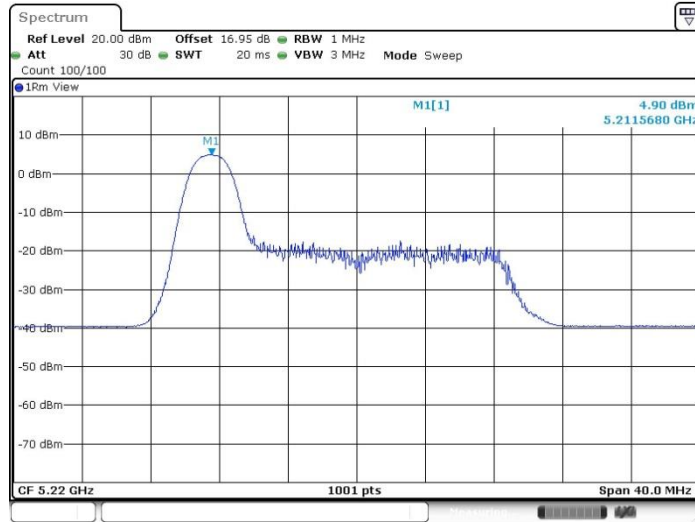


11AX20MIMO\_Ant1\_5220\_106Tone\_RU53



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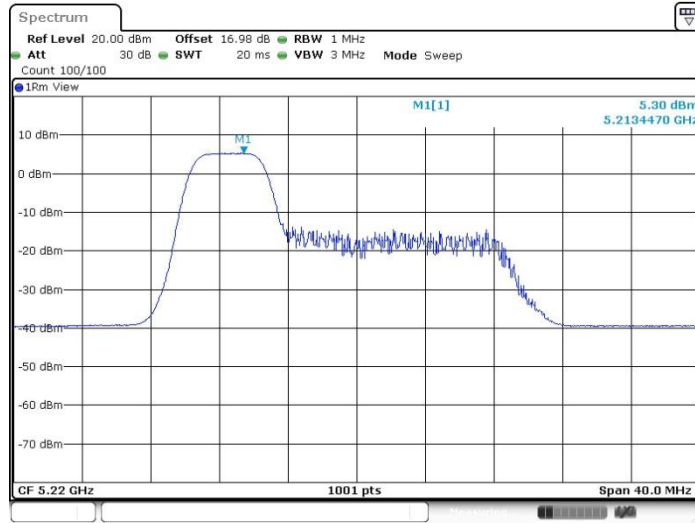
11AX20MIMO\_Ant2\_5220\_26Tone\_RU0



Date: 27.APR.2022 17:26:56

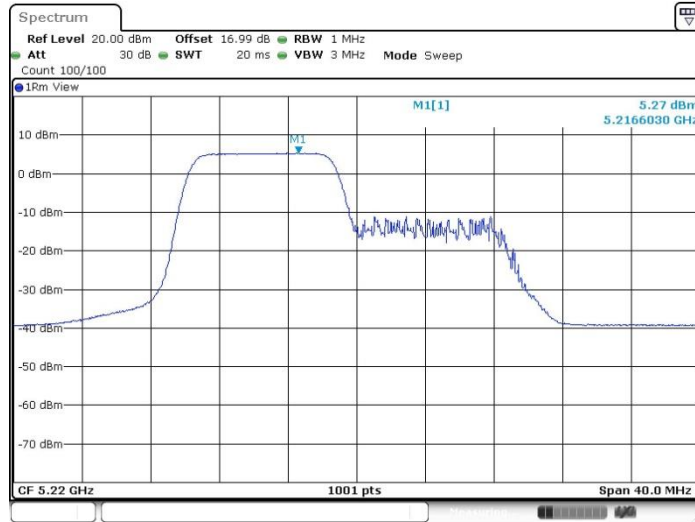


11AX20MIMO\_Ant2\_5220\_52Tone\_RU37



Date: 27.APR.2022 17:29:32

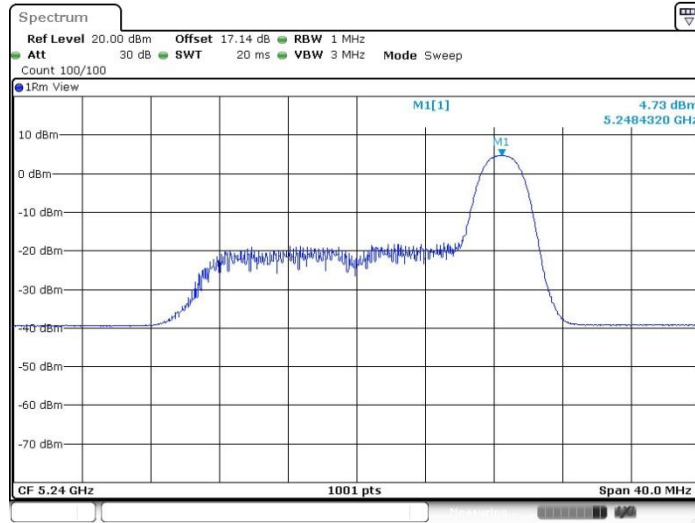
11AX20MIMO\_Ant2\_5220\_106Tone\_RU53



Date: 27.APR.2022 17:32:29

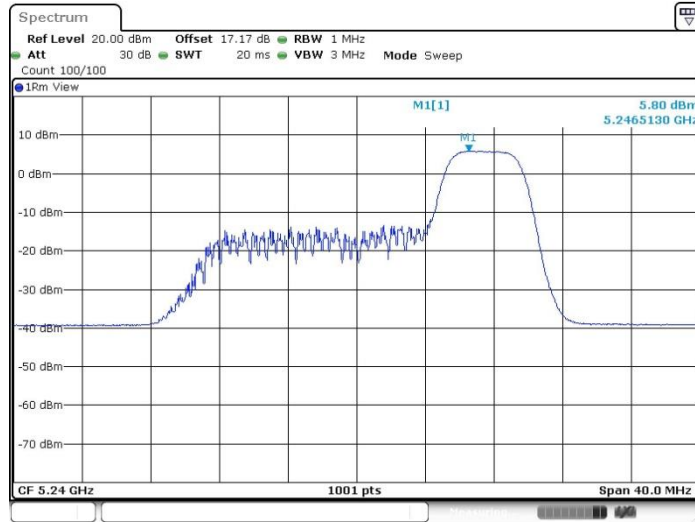


11AX20MIMO\_Ant1\_5240\_26Tone\_RU8



Date: 27.APR.2022 18:09:42

11AX20MIMO\_Ant1\_5240\_52Tone\_RU40



Date: 27.APR.2022 18:06:17