



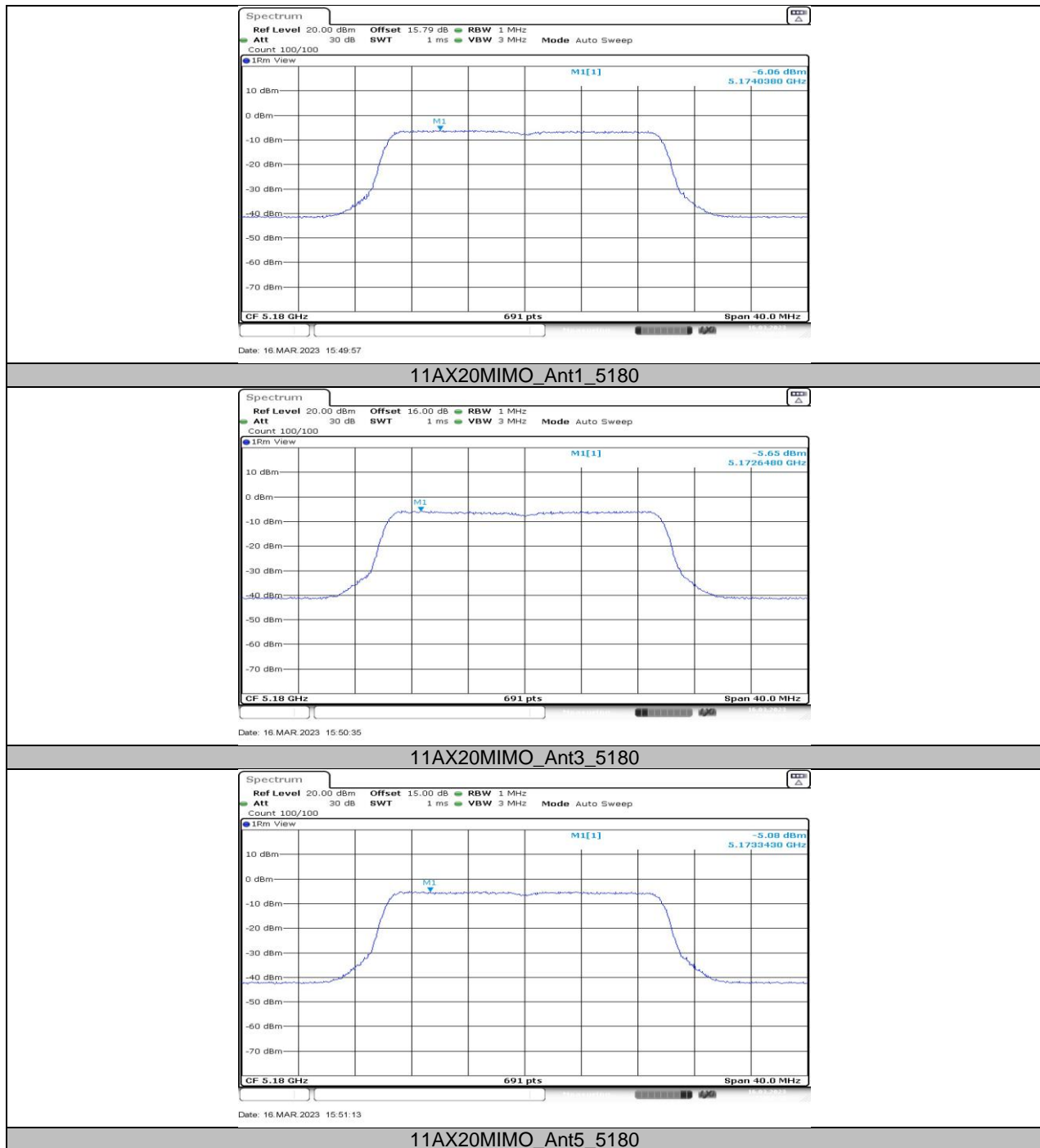
11A-CDD\_Ant3\_5240

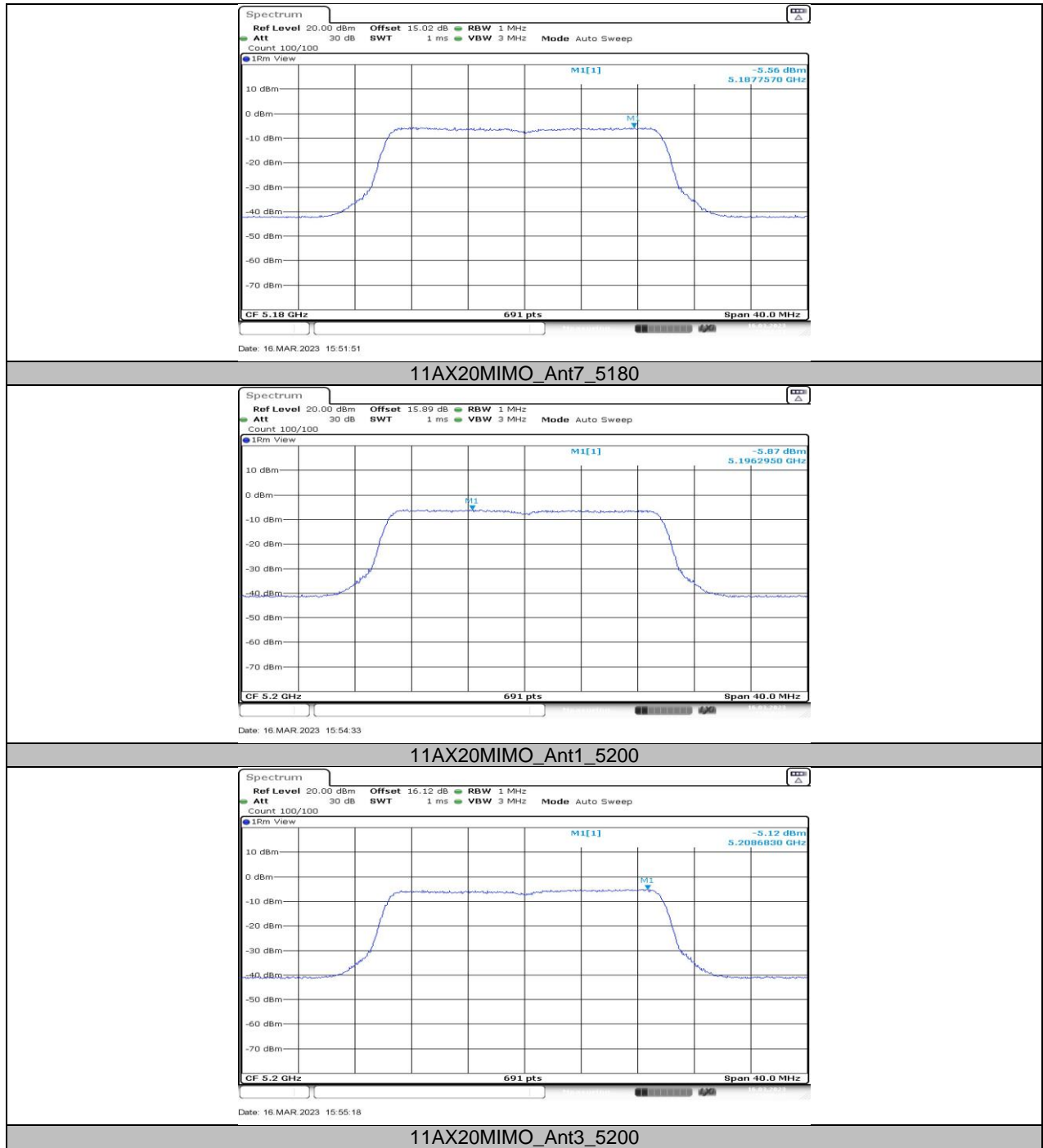


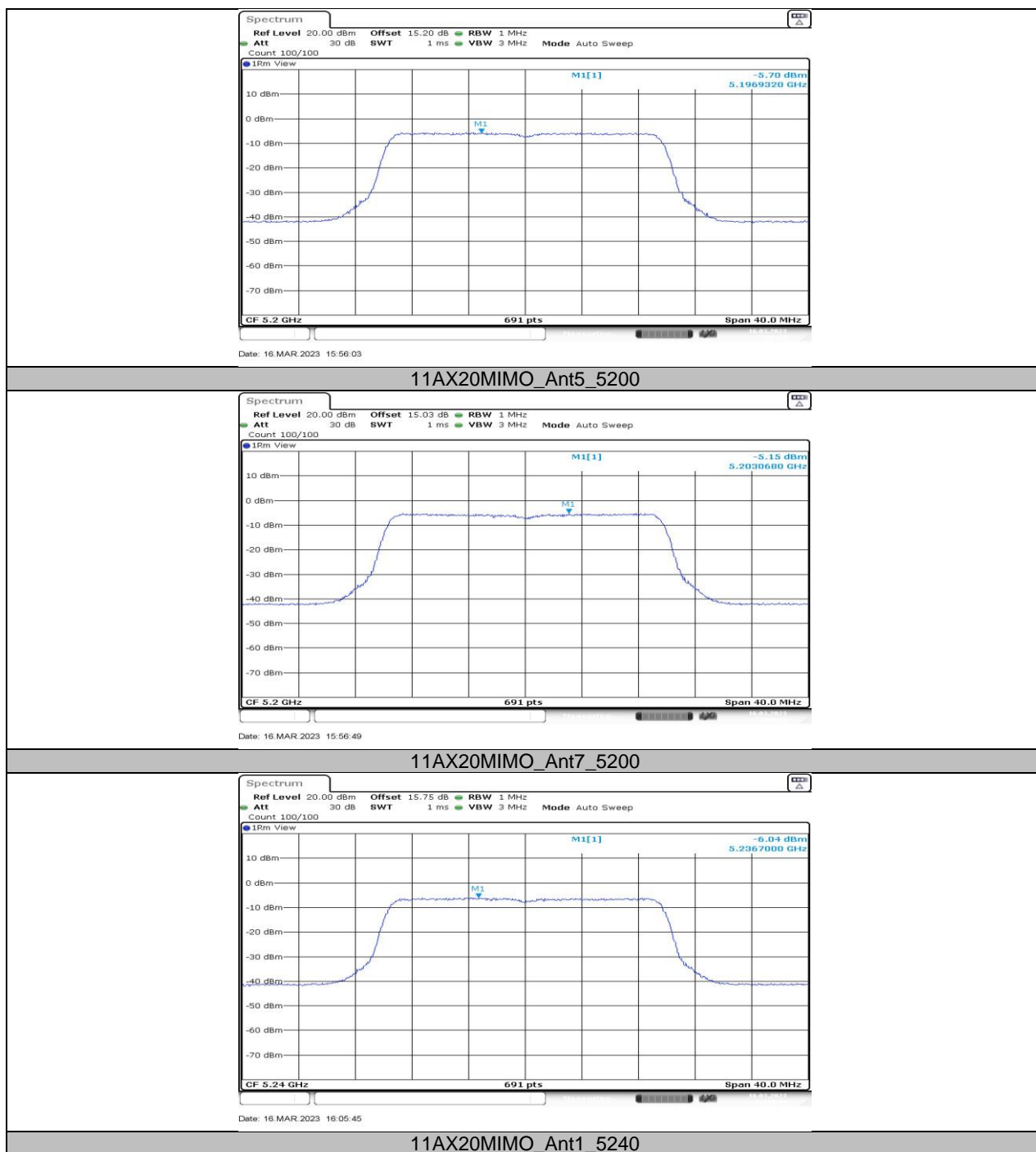
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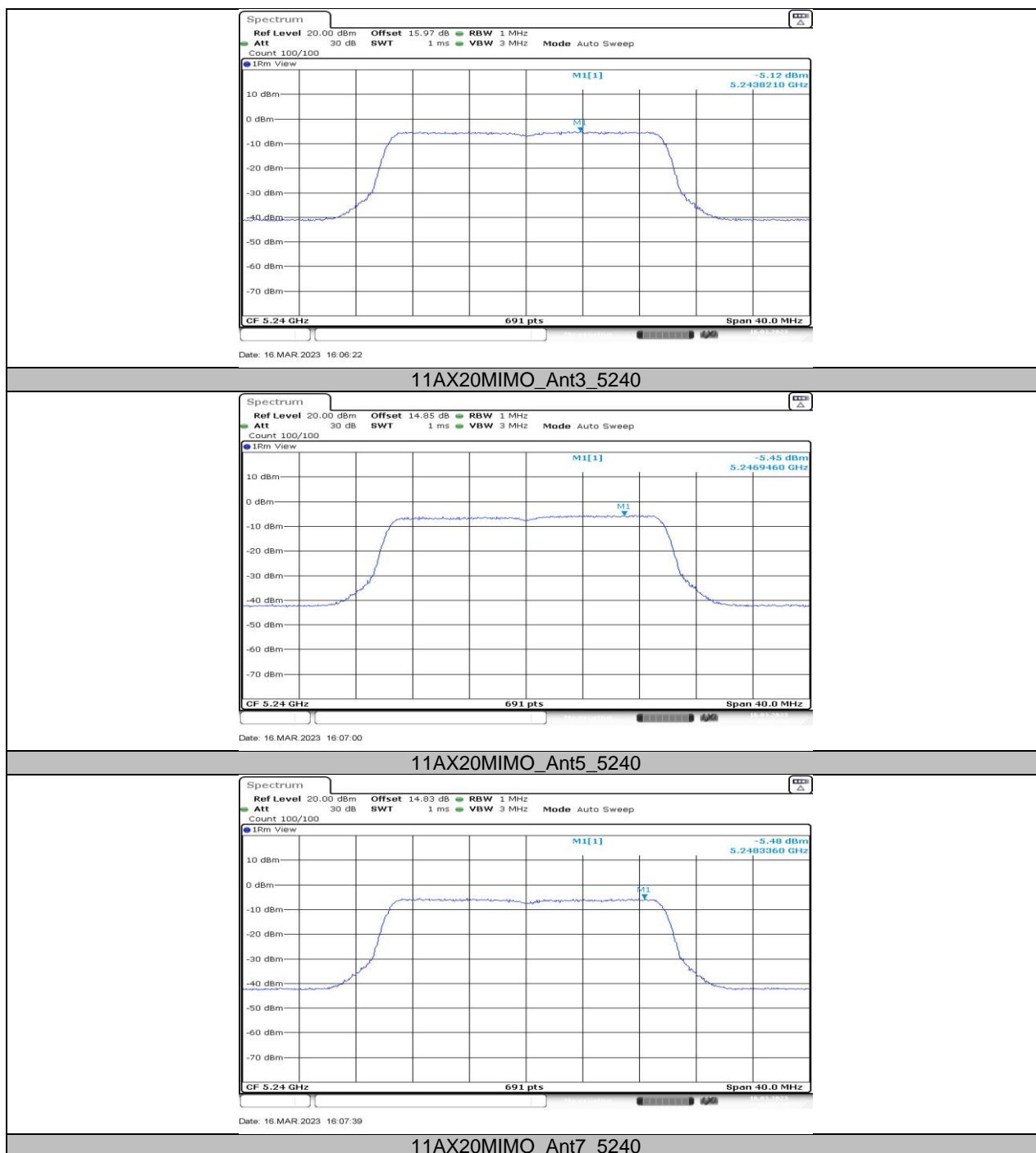


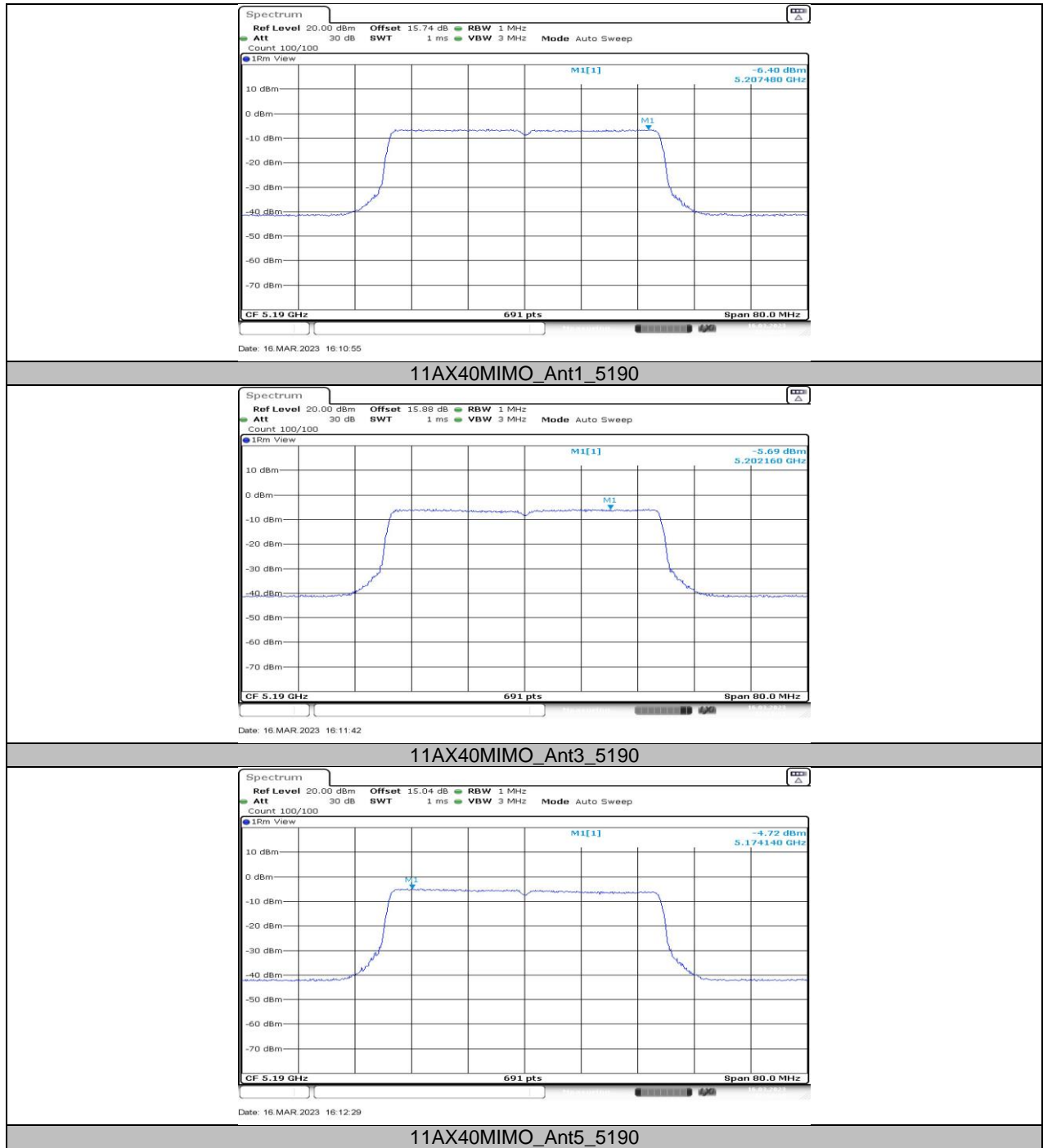
11A-CDD\_Ant7\_5240

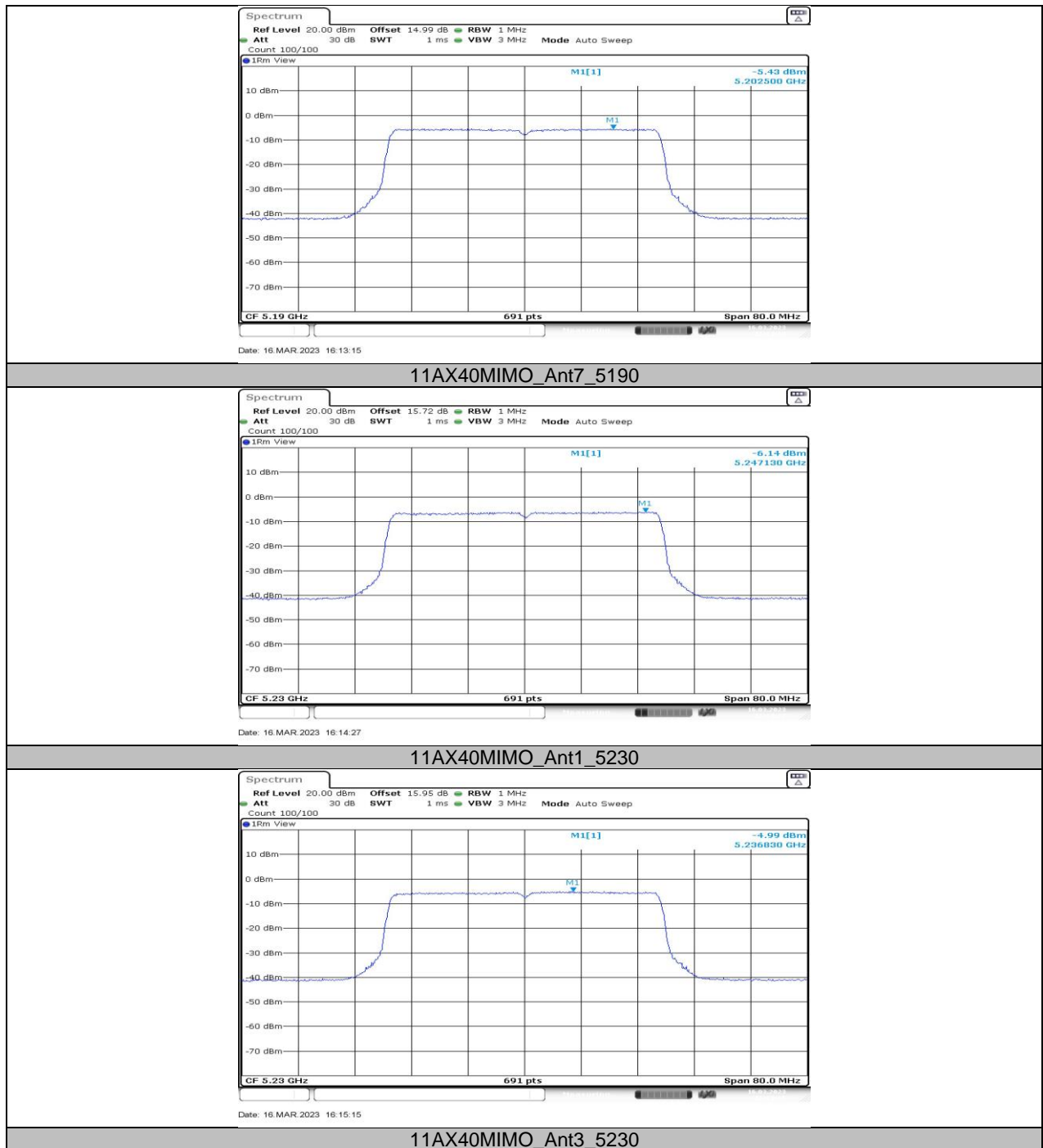


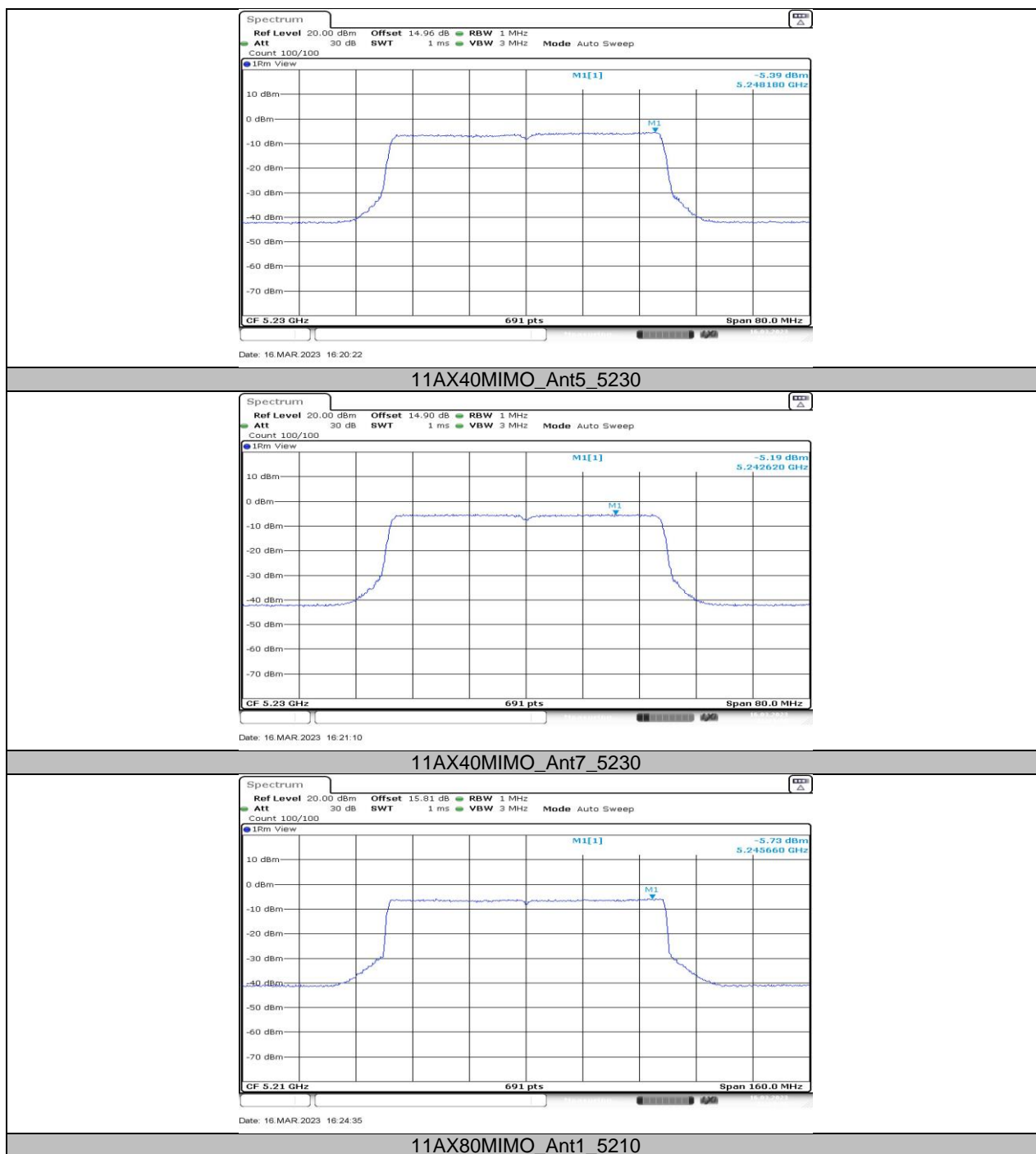


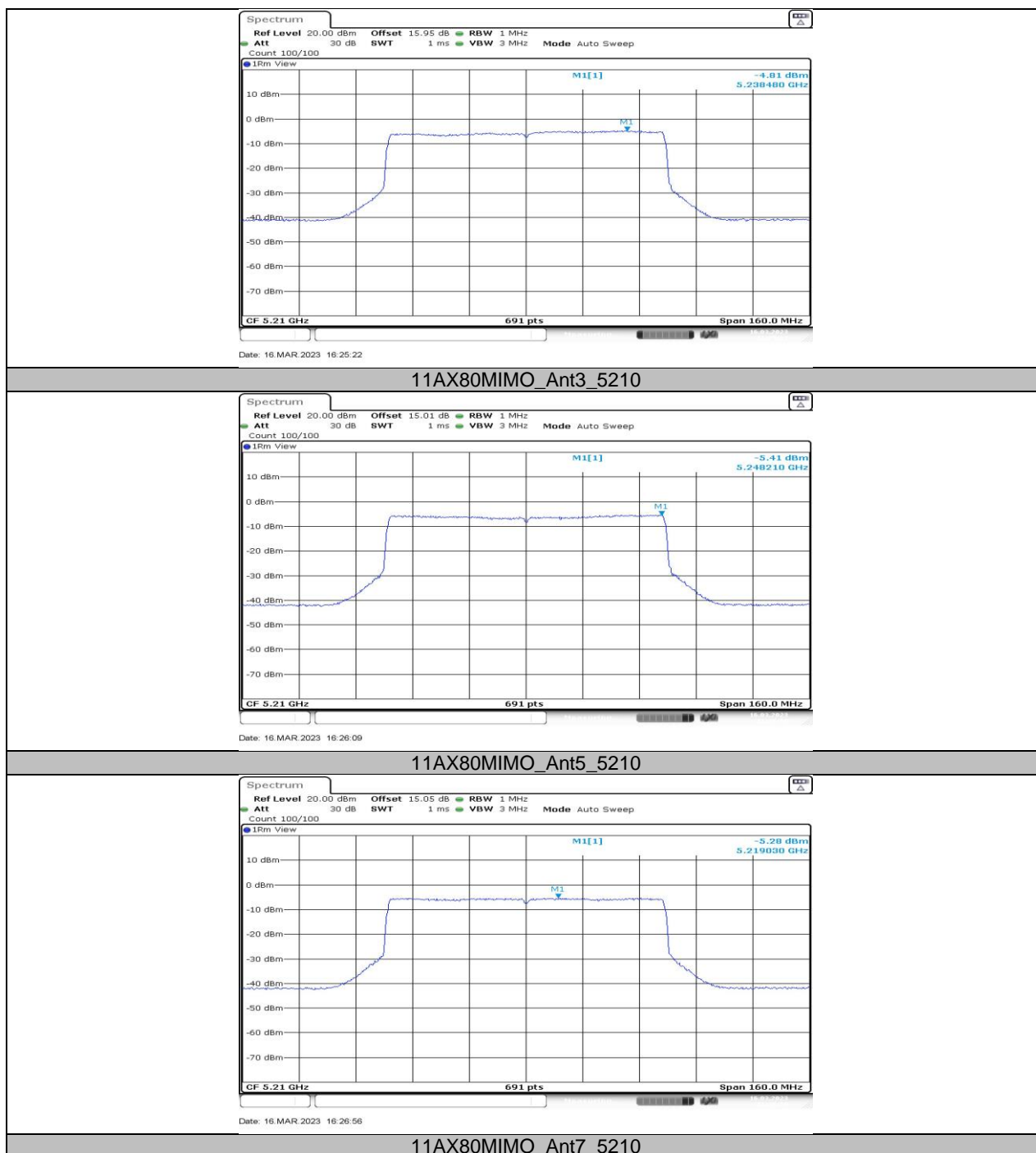


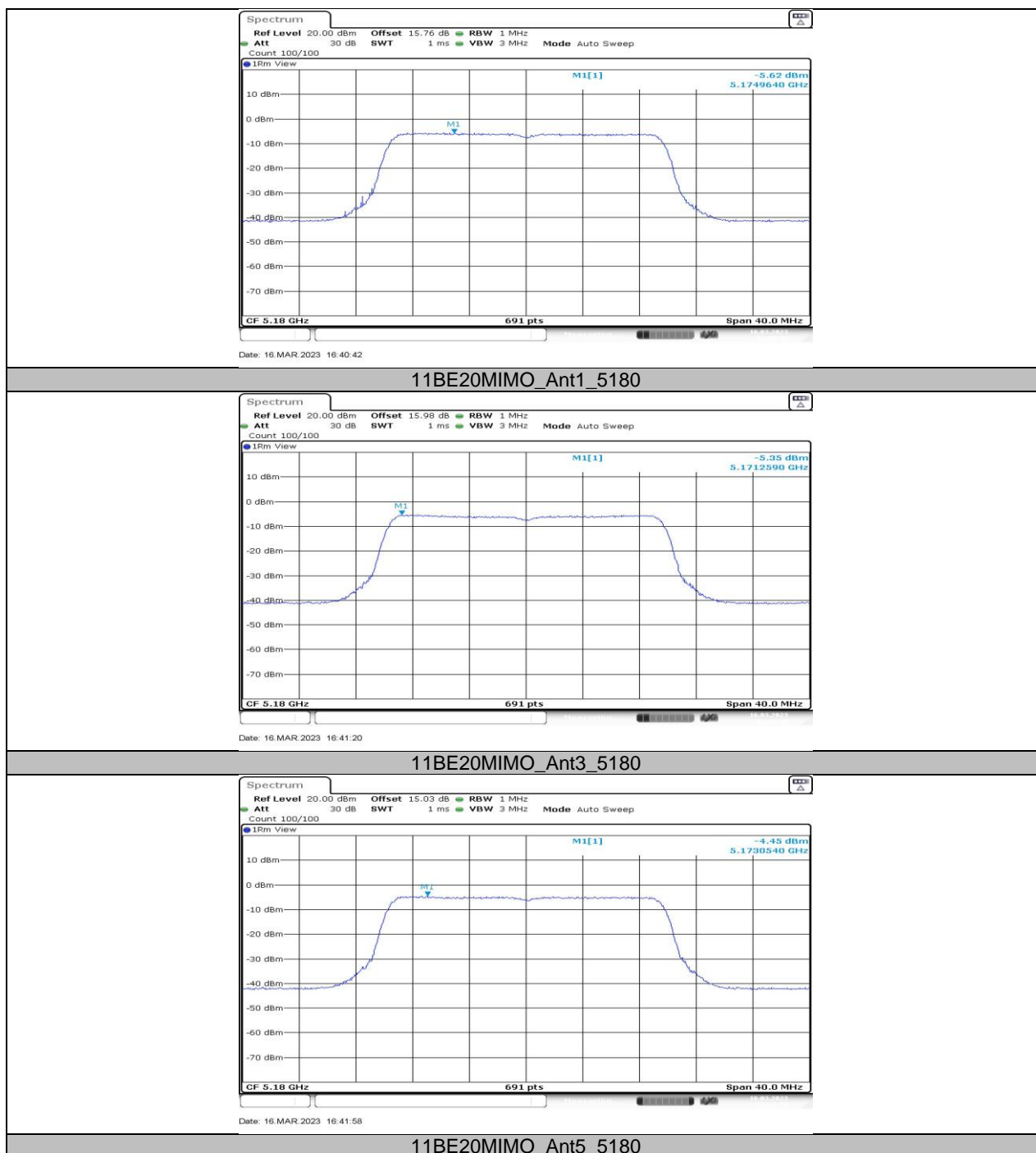


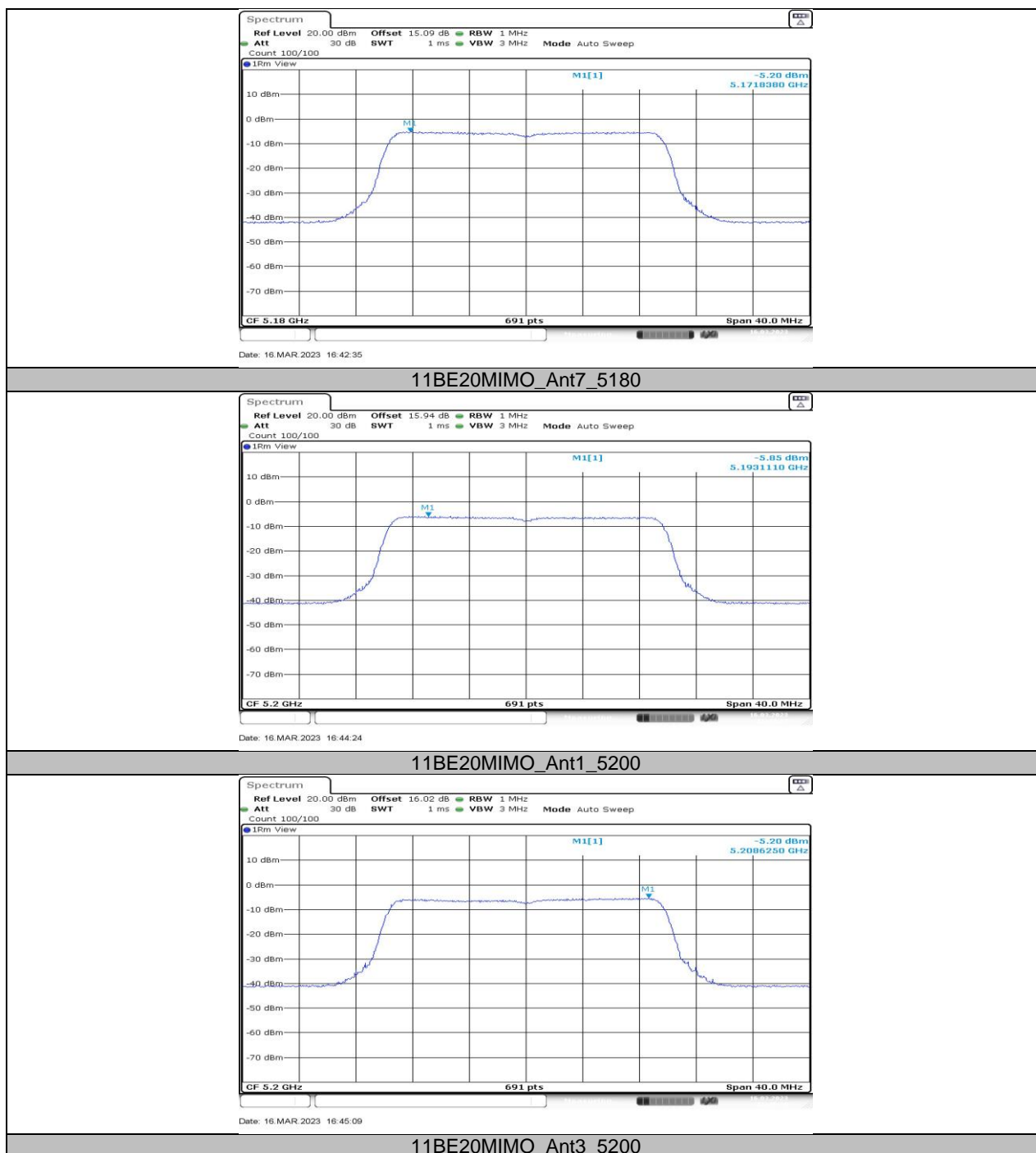


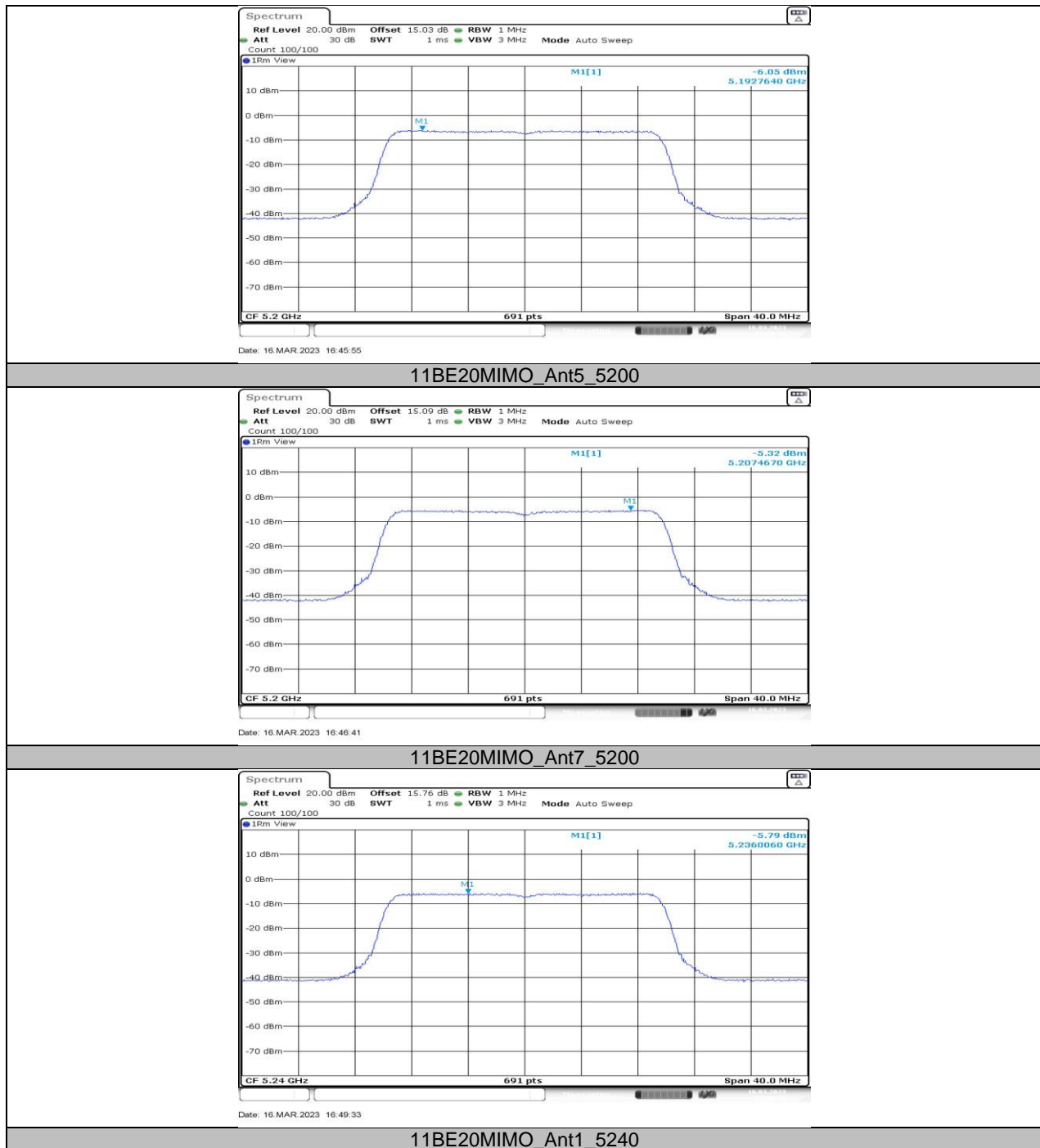


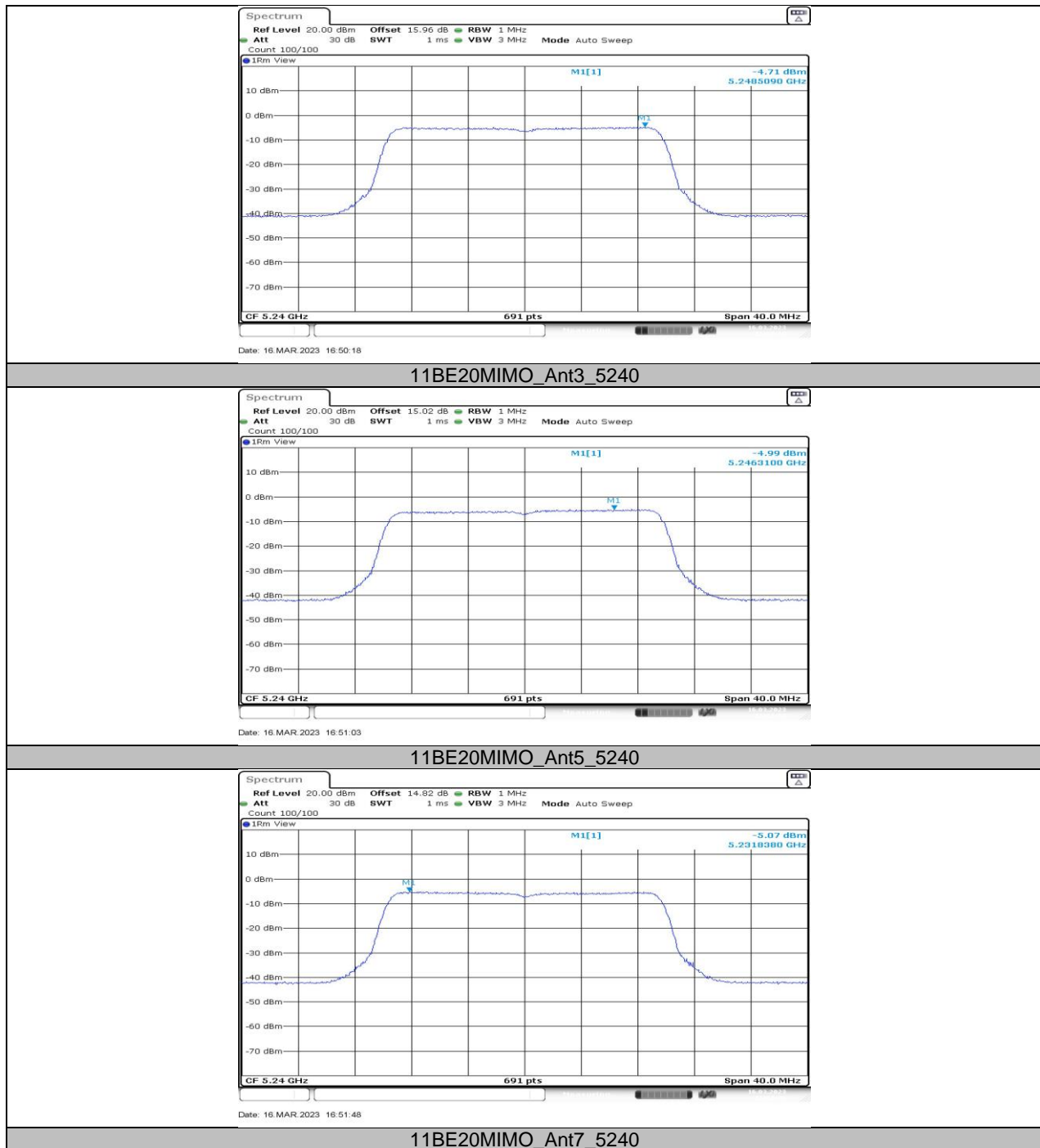


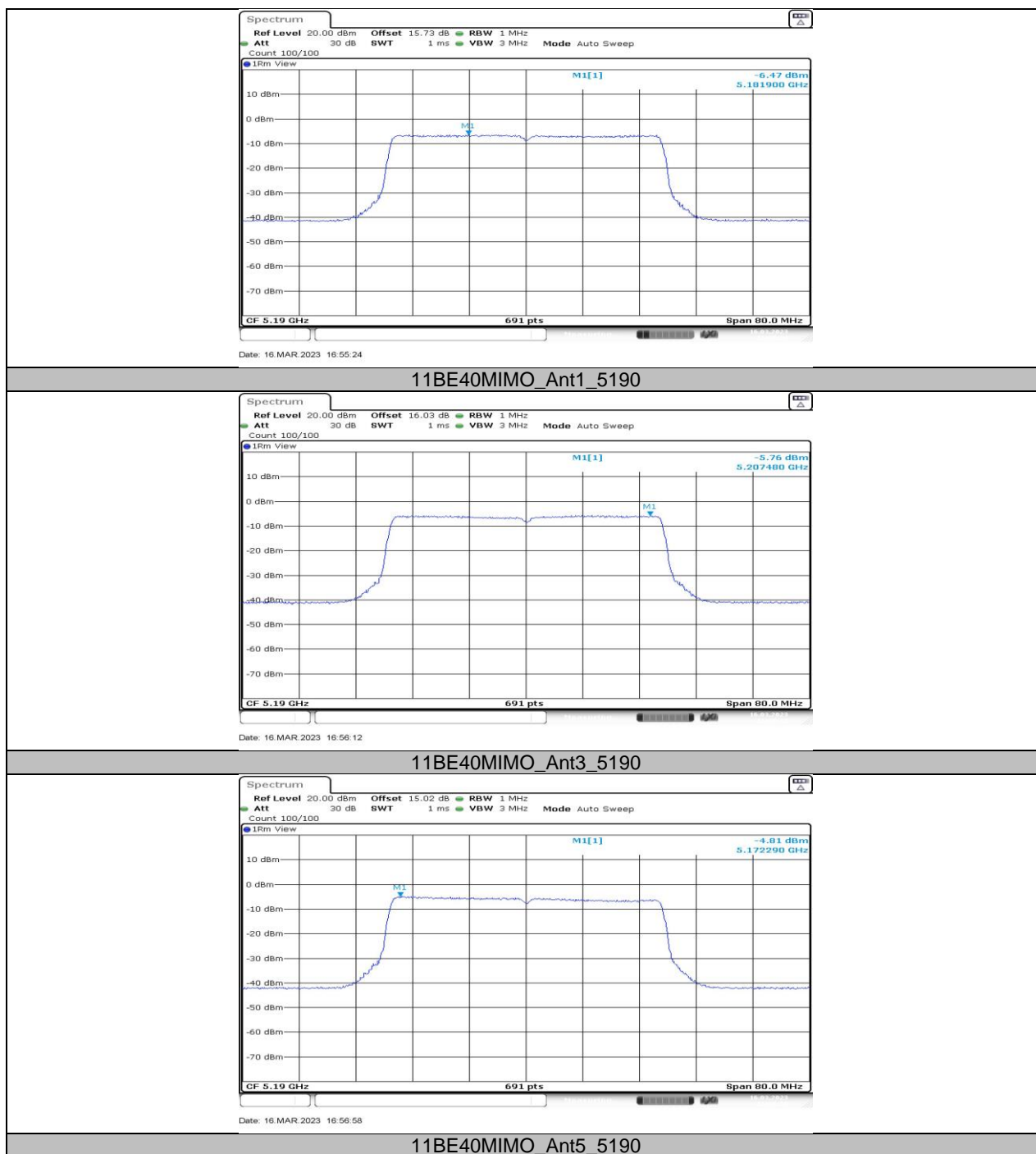


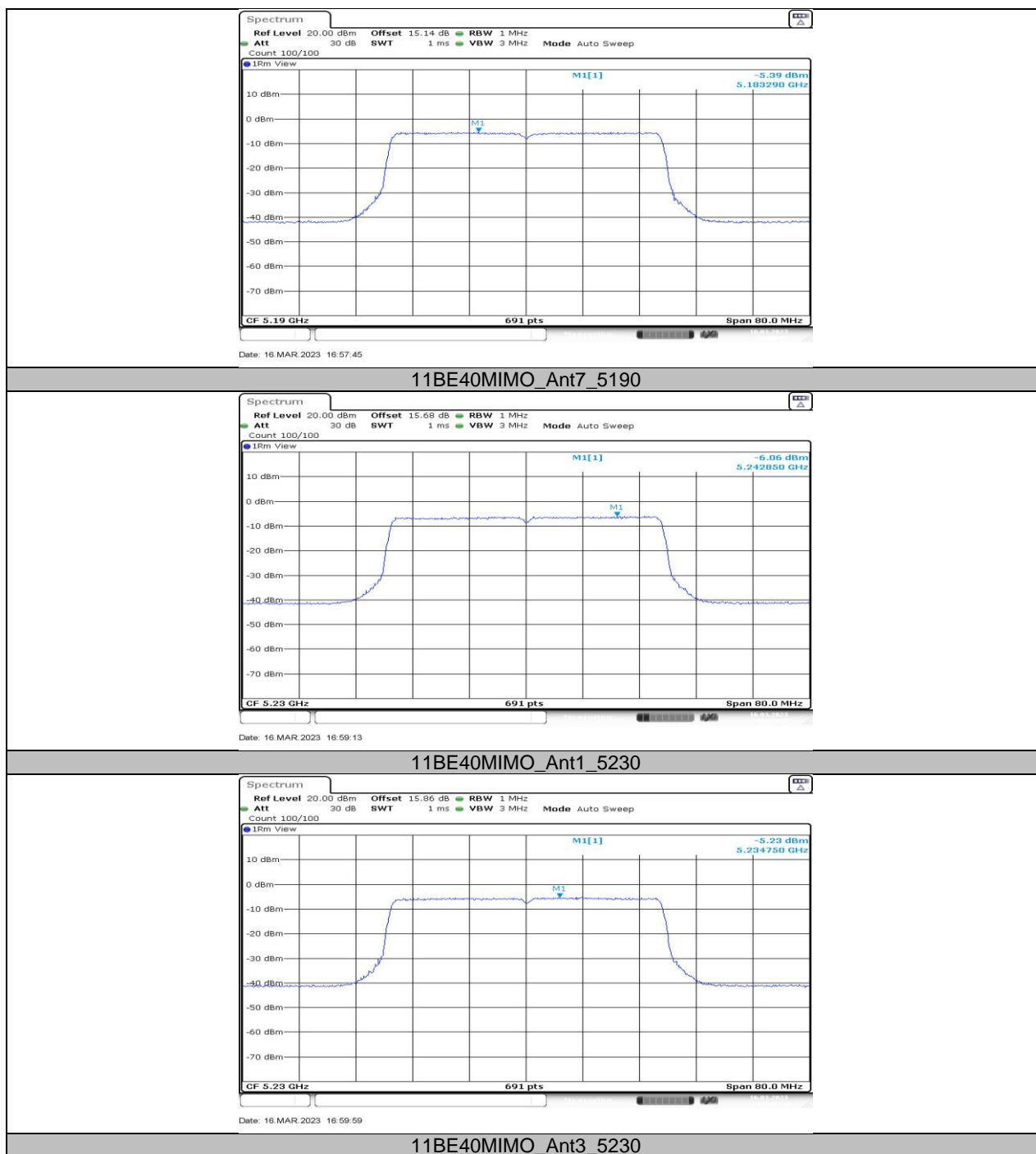


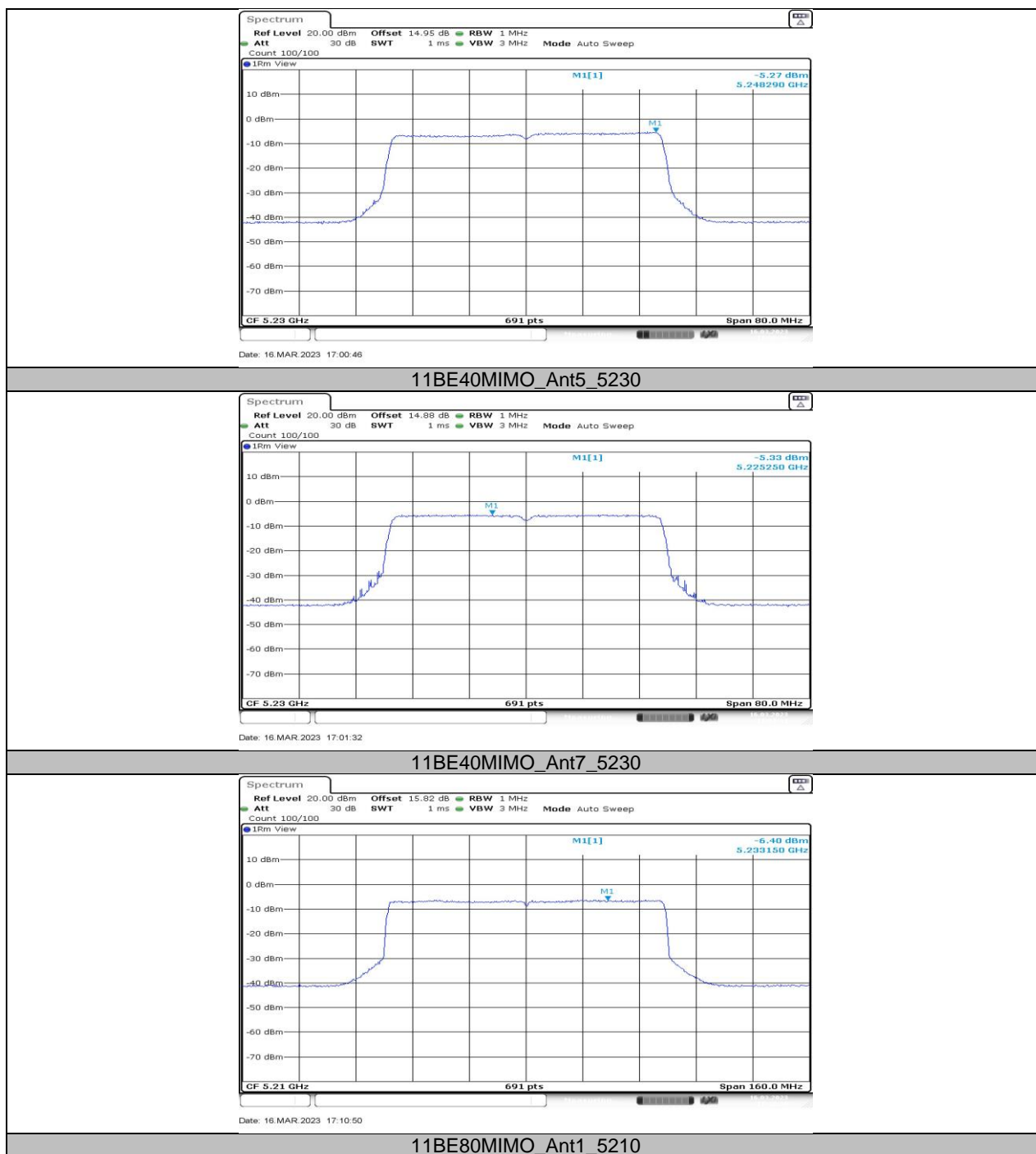


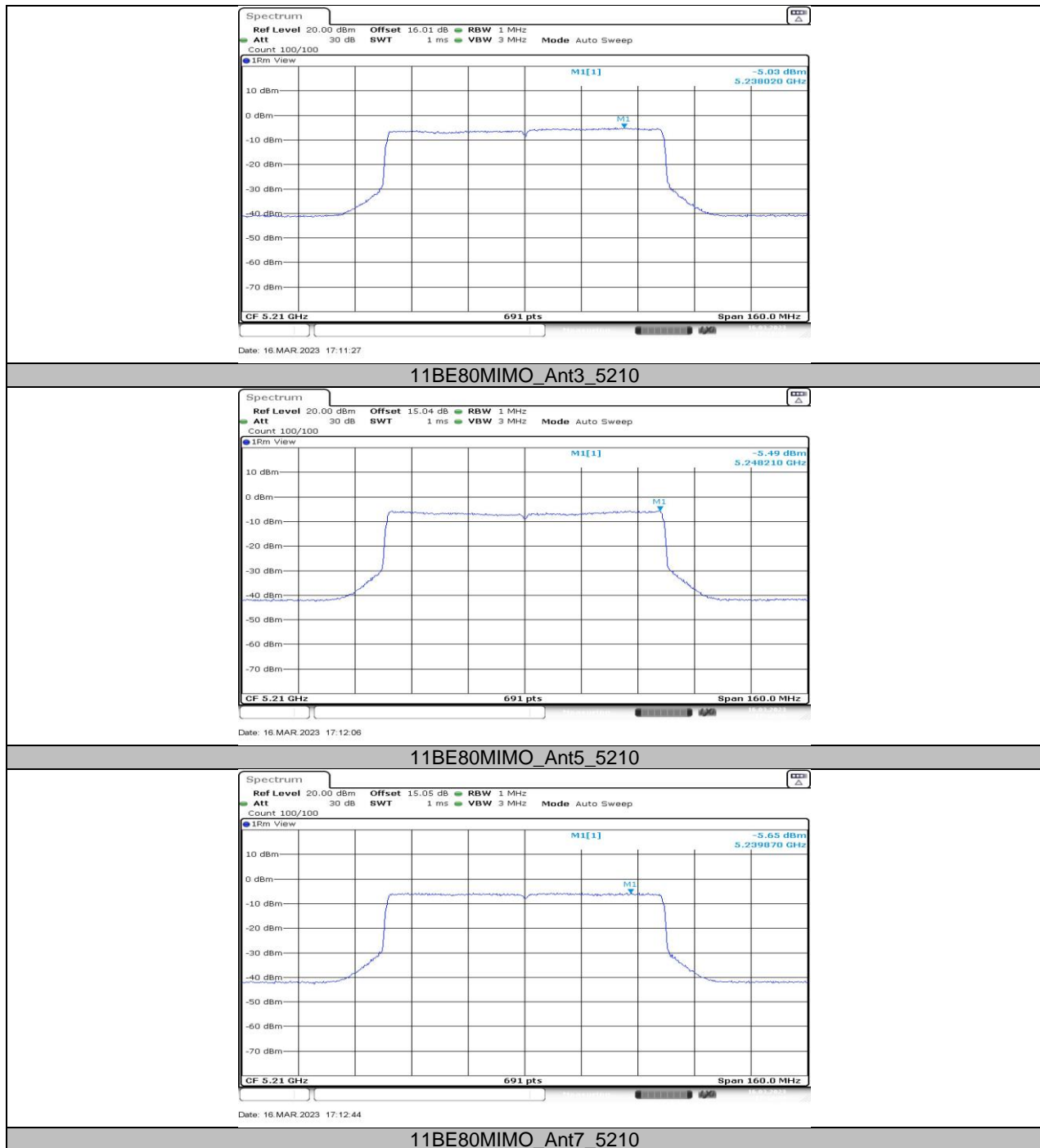






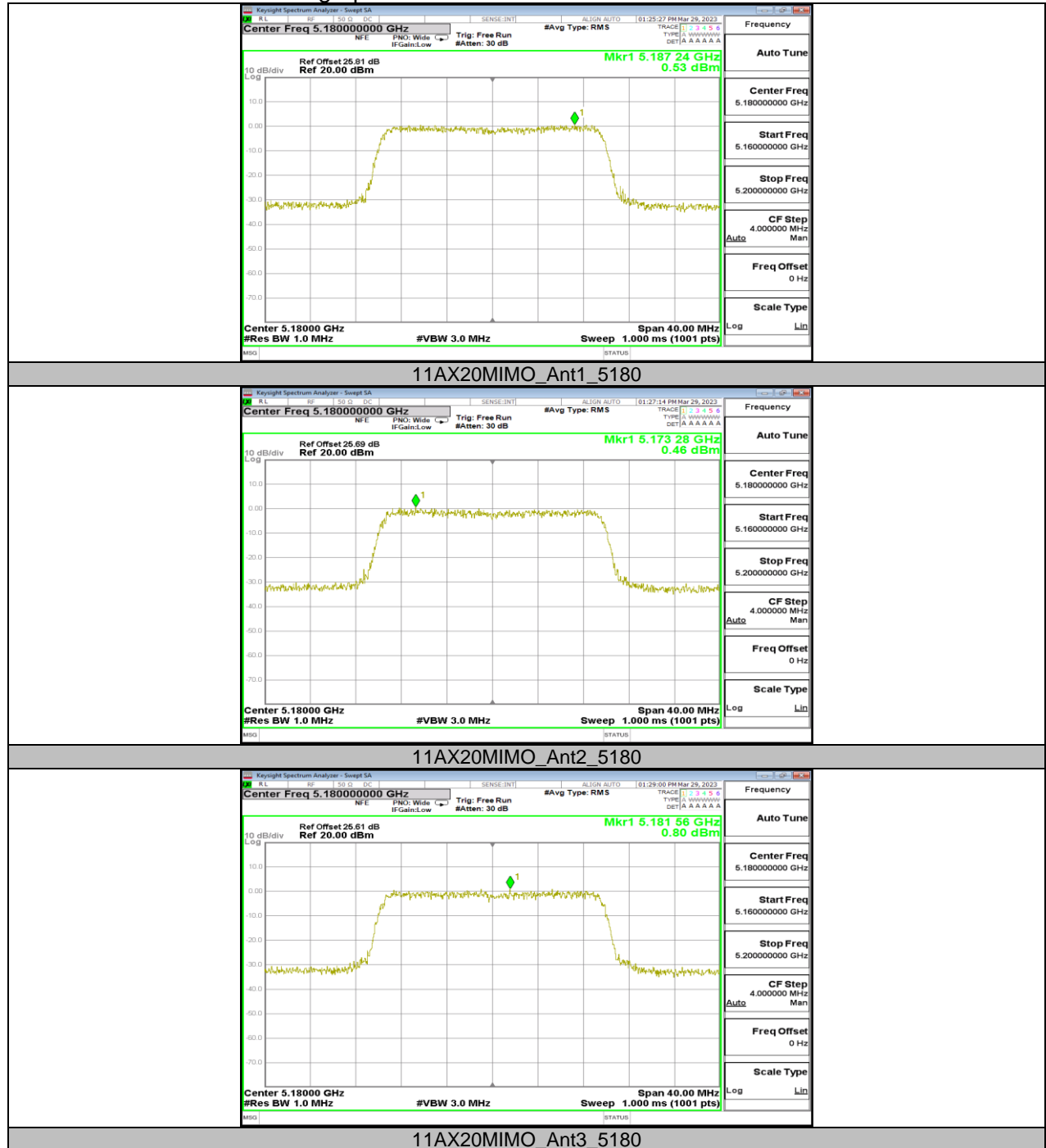


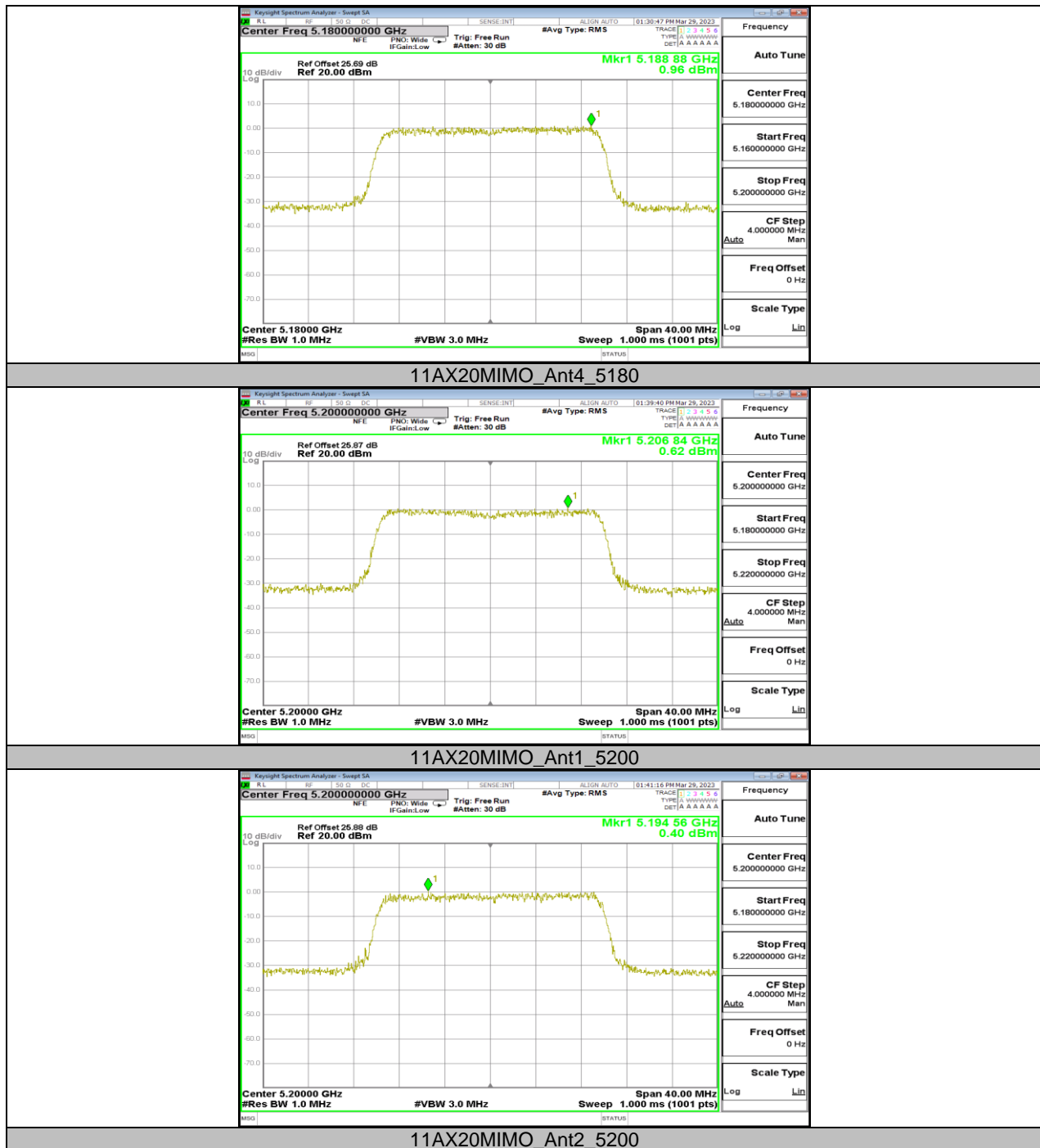


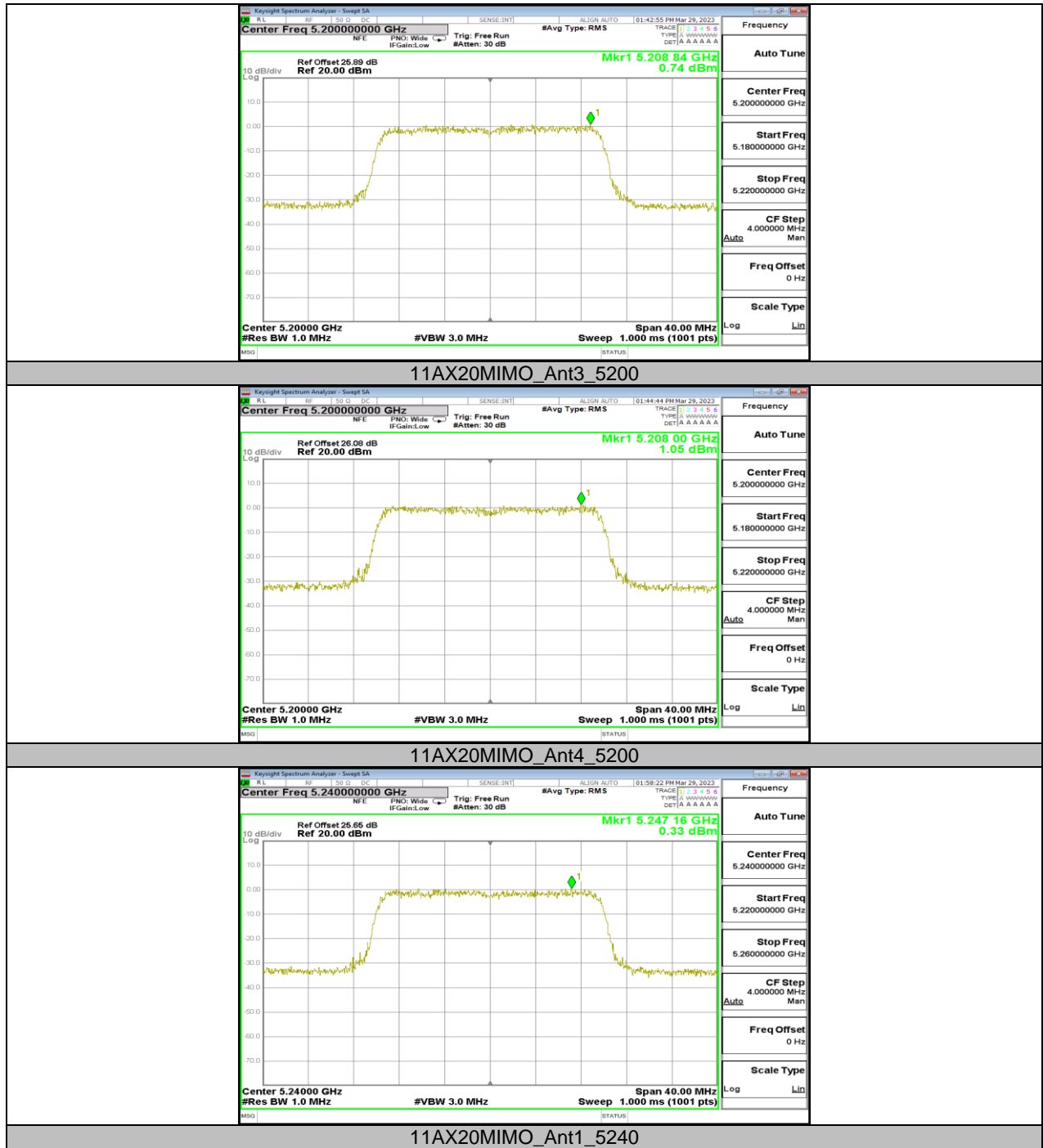


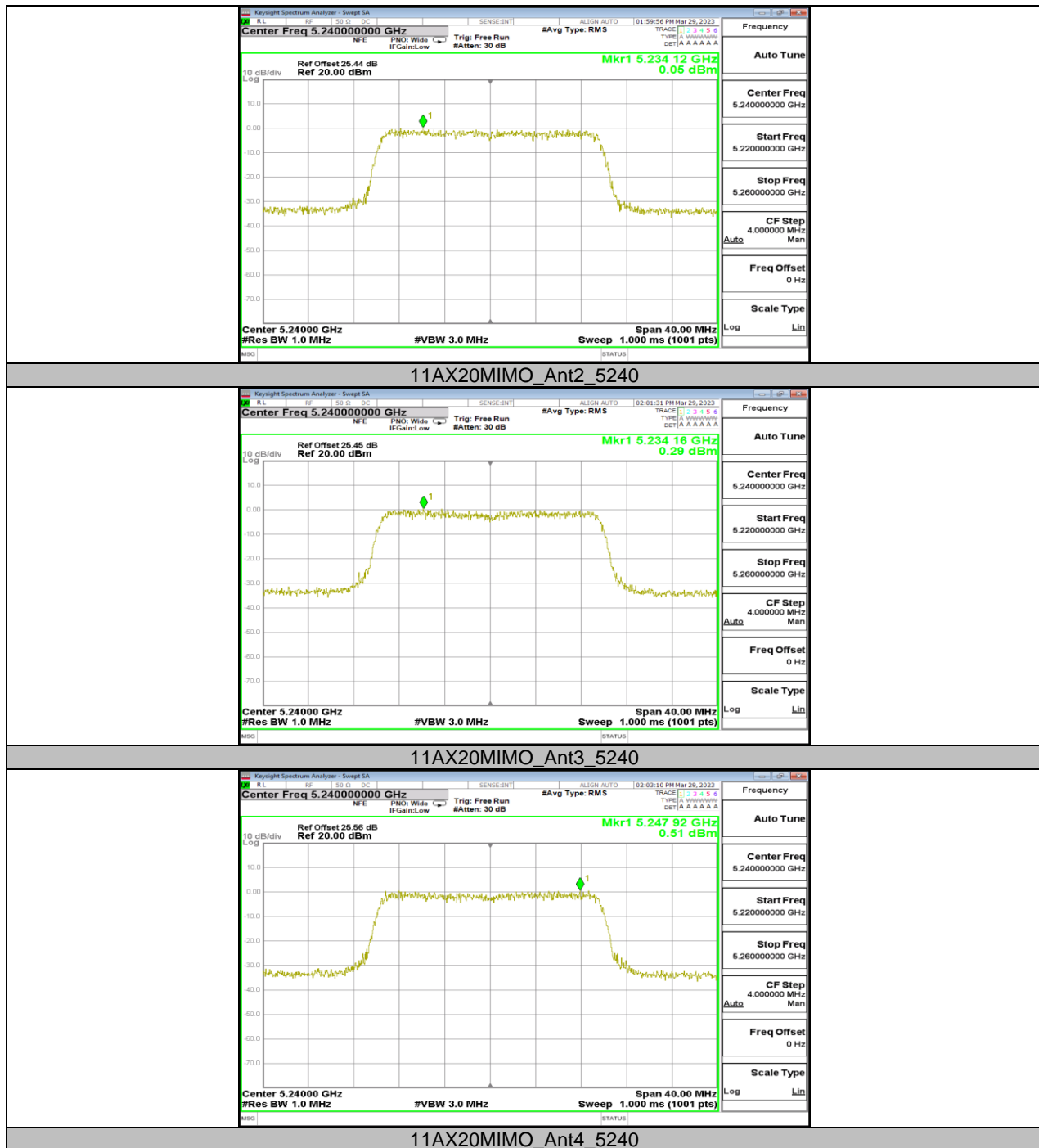
### 11.5.8. Test Graphs

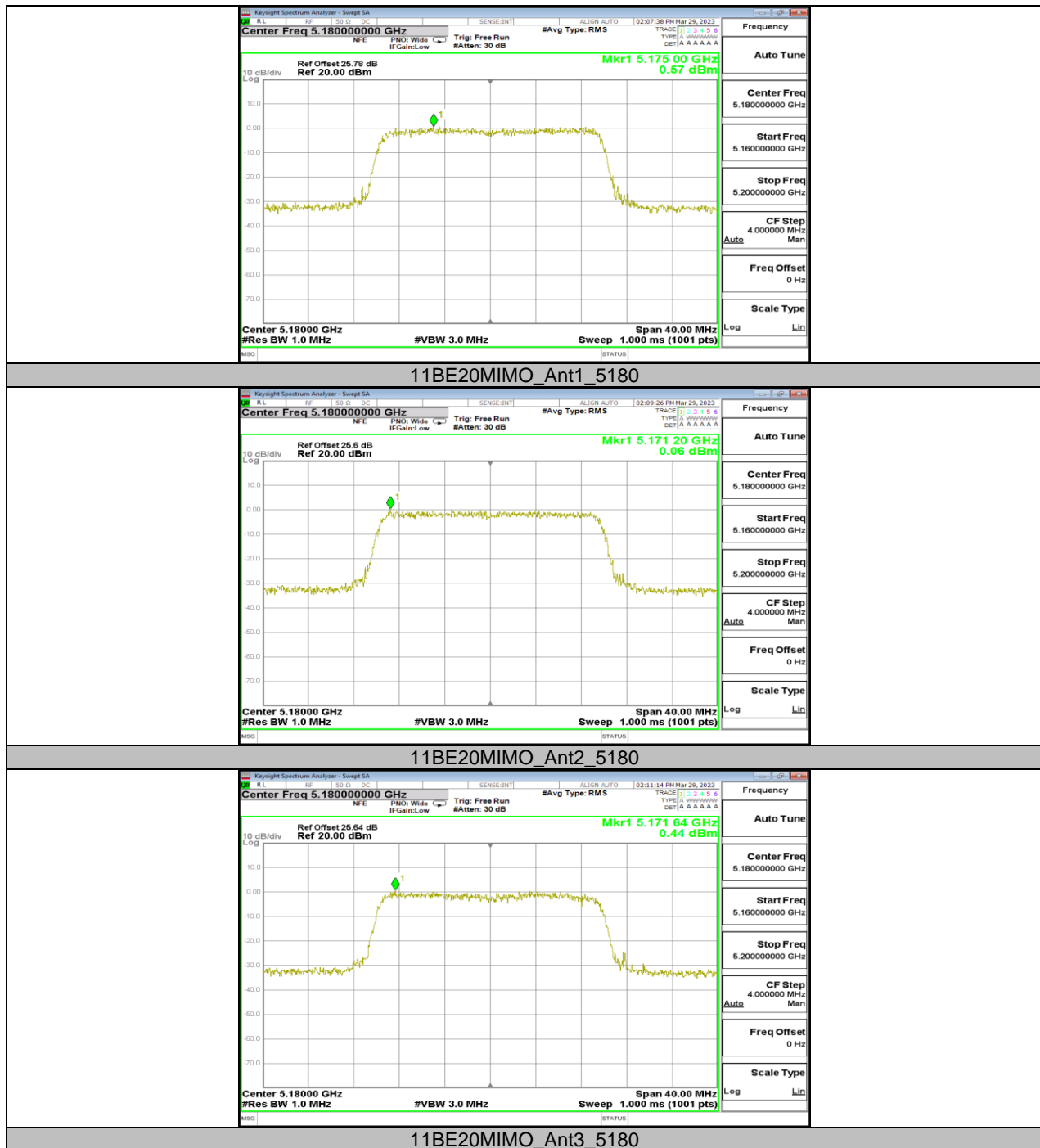
For ISCED UNII-1 NSS=4 test graphs:

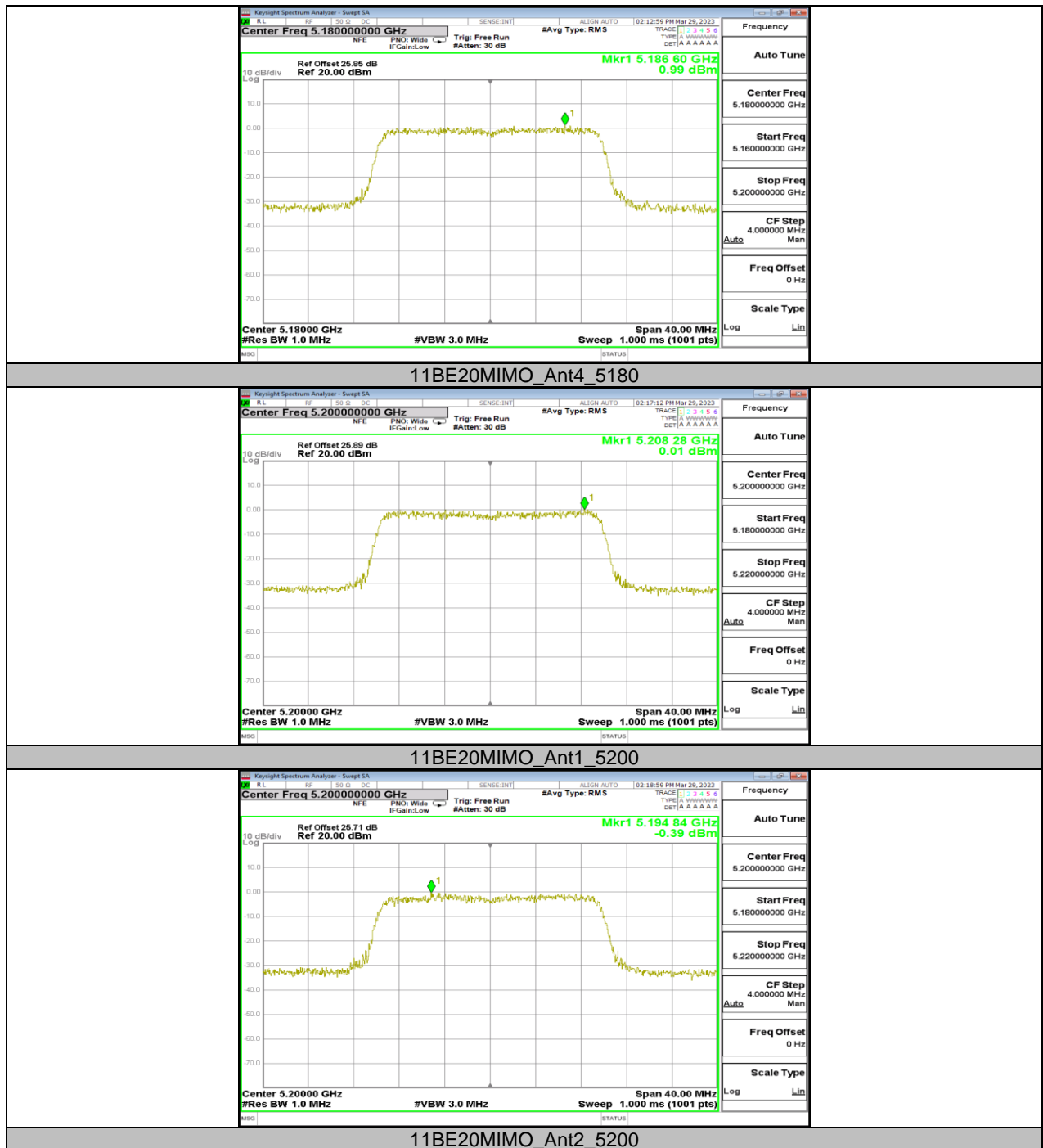


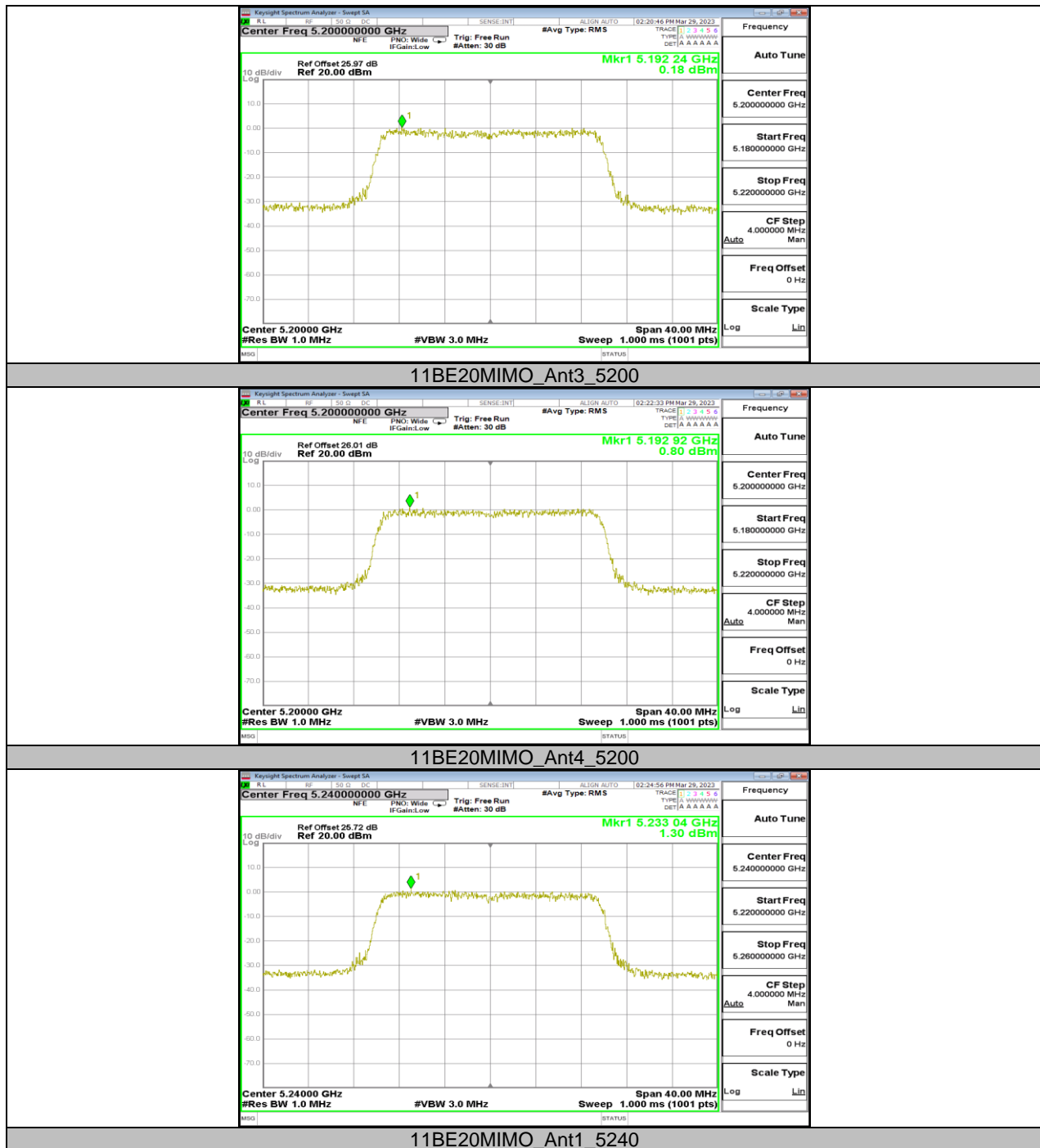


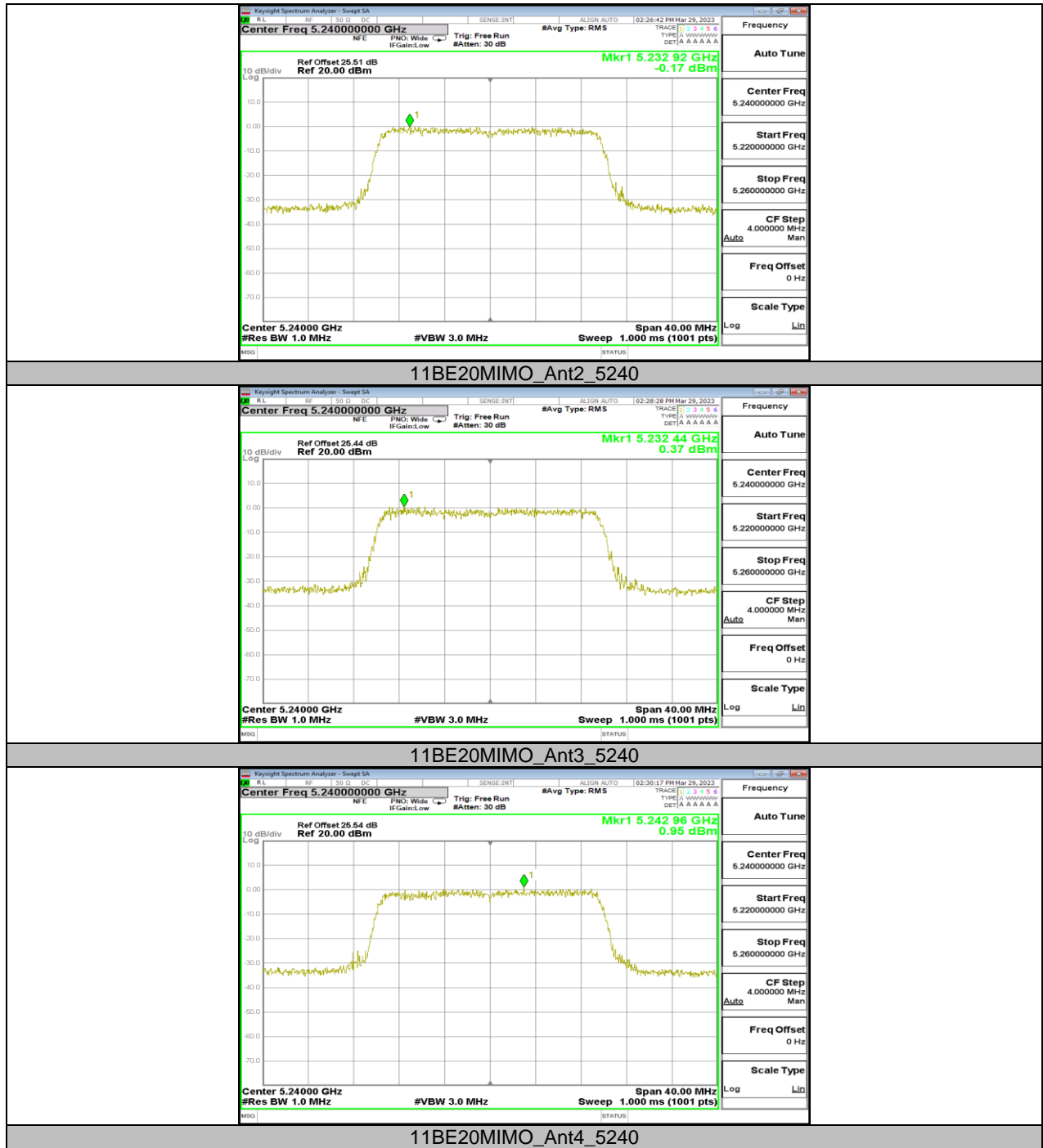












## 11.6. APPENDIX F: FREQUENCY STABILITY

### 11.6.1. Test Result

Frequency Error vs. Voltage									
802.11a:5200MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5200.0131	2.52	5200.0003	0.05	5200.0163	3.13	5200.0091	1.76
TN	VN	5199.9826	-3.35	5199.9860	-2.69	5199.9847	-2.94	5200.0126	2.42
TN	VH	5200.0109	2.10	5199.9778	-4.27	5200.0114	2.19	5200.0250	4.80
Frequency Error vs. Temperature									
802.11a:5200MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
40	VN	5199.9813	-3.59	5199.9971	-0.55	5200.0138	2.65	5200.0040	0.76
30	VN	5200.0062	1.20	5200.0221	4.25	5200.0148	2.85	5200.0134	2.58
20	VN	5200.0113	2.18	5199.9852	-2.84	5200.0248	4.77	5200.0002	0.04
10	VN	5199.9783	-4.18	5200.0089	1.72	5199.9911	-1.71	5199.9992	-0.16
0	VN	5199.9825	-3.36	5200.0023	0.45	5200.0237	4.57	5200.0118	2.27

Note:

1. All antennas, test modes and test channels have been tested, only the worst data record in the report.
2. For the detail Test Conditions, please refer to section 7.5 TEST ENVIRONMENT.

## 11.7. APPENDIX G: DUTY CYCLE

### 11.7.1. Test Result

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11A-CDD	3.01	3.13	0.9617	96.17	0.17	0.33	0.5
11AX20MIMO	2.53	2.68	0.9440	94.40	0.25	0.40	0.5
11AX40MIMO	3.75	3.90	0.9615	96.15	0.17	0.27	0.5
11AX80MIMO	3.58	3.90	0.9179	91.79	0.37	0.28	0.5
11BE20MIMO	2.53	2.71	0.9336	93.36	0.30	0.40	0.5
11BE40MIMO	3.76	3.93	0.9567	95.67	0.19	0.27	0.5
11BE80MIMO	3.58	3.73	0.9598	95.98	0.18	0.28	0.5

Note:

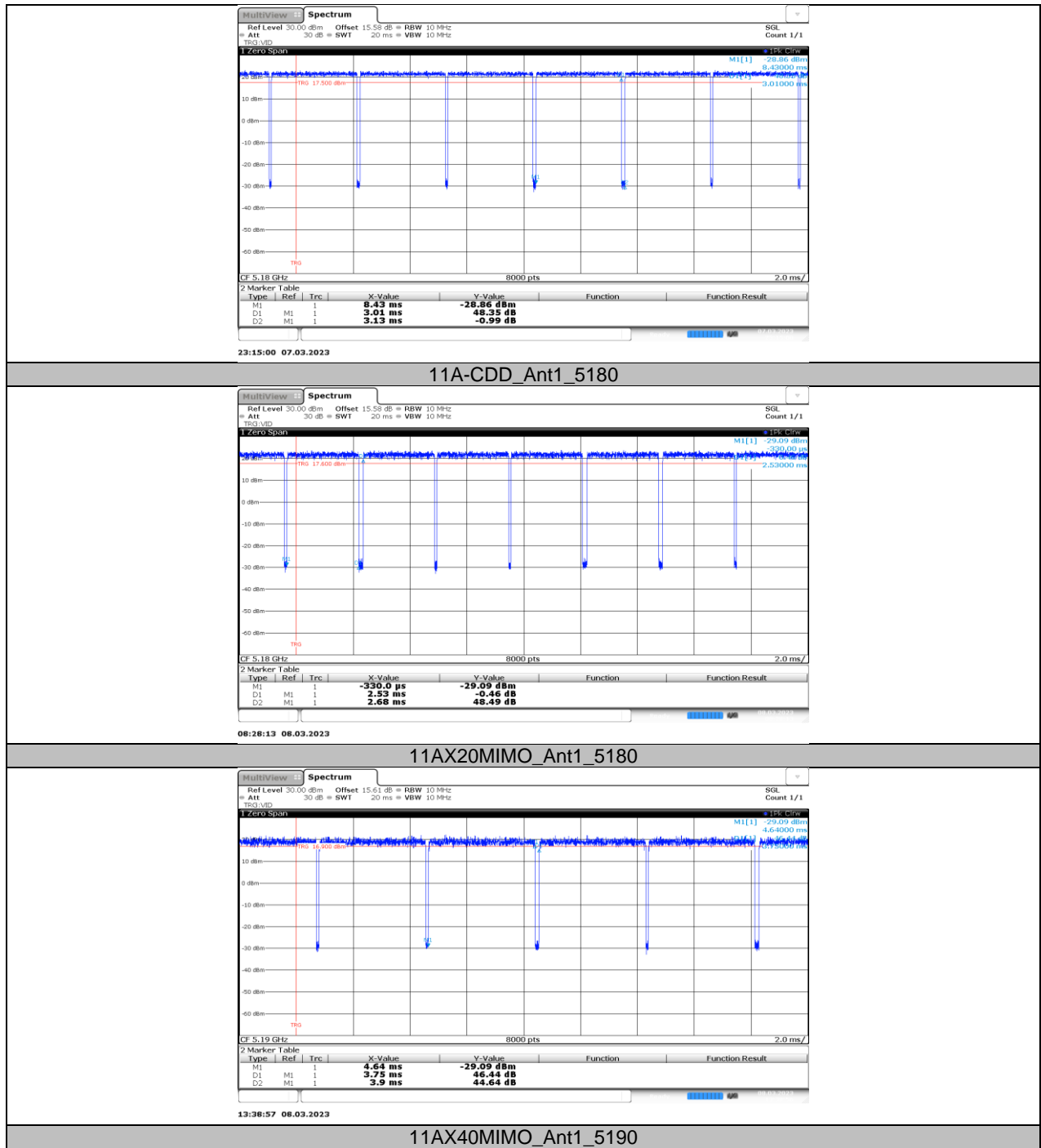
Duty Cycle Correction Factor=10log (1/x).

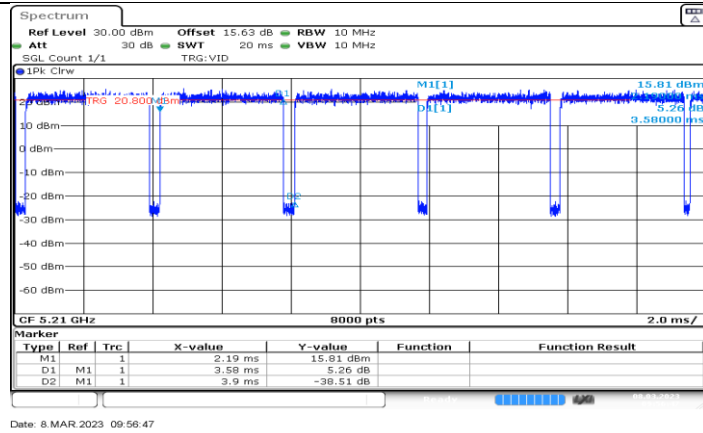
Where: x is Duty Cycle (Linear)

Where: T is On Time

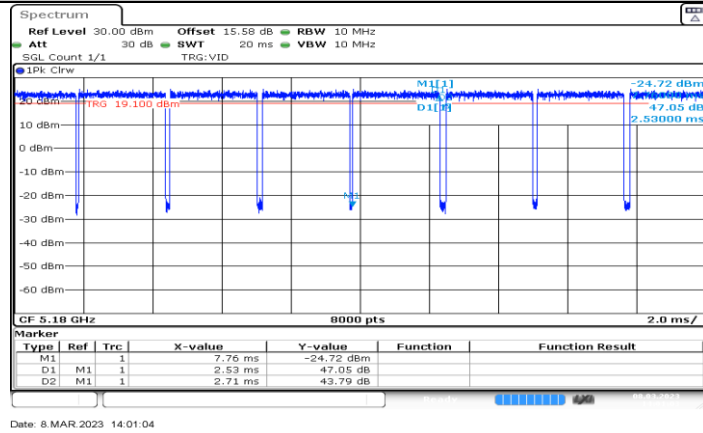
If that calculated VBW is not available on the analyzer then the next higher value should be used.

## 11.7.2. Test Graphs

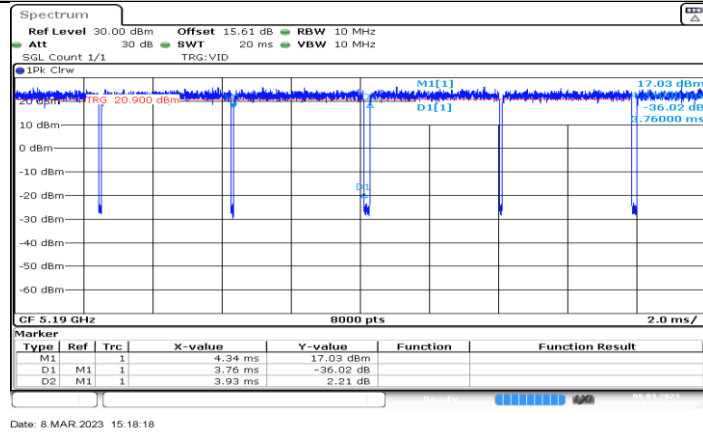




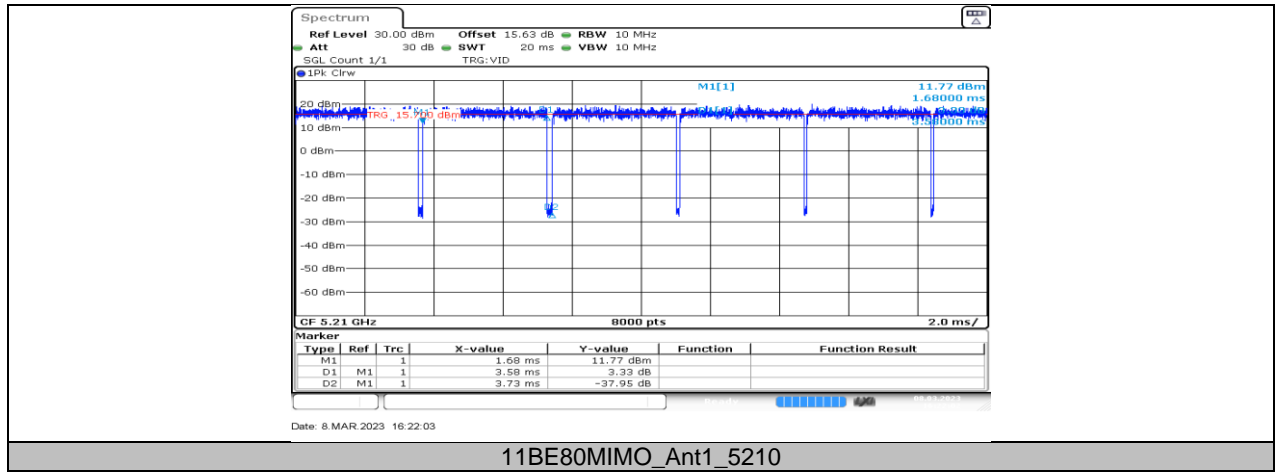
11AX80MIMO\_Ant1\_5210



11BE20MIMO\_Ant1\_5180



11BE40MIMO\_Ant1\_5190



END OF REPORT