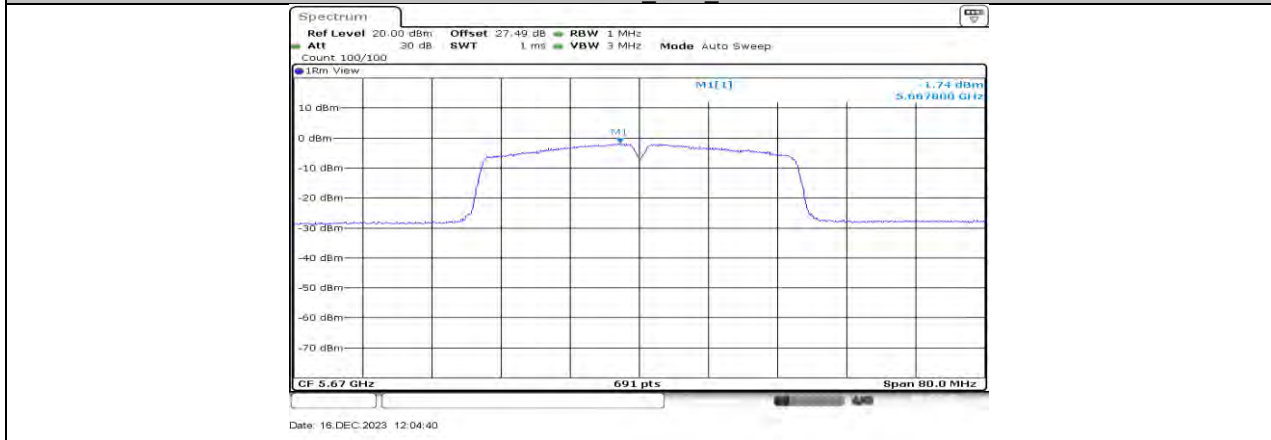


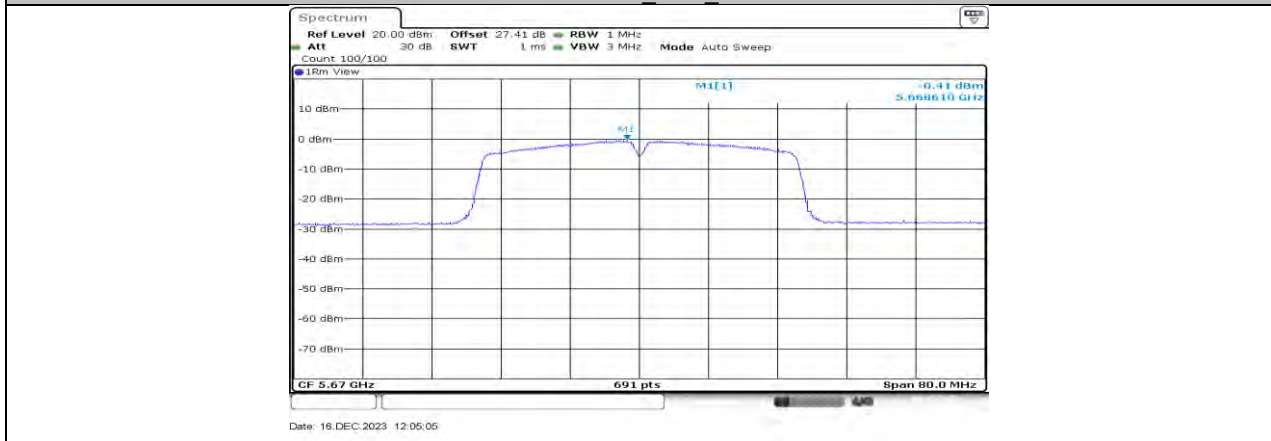
11N40MIMO Ant1 5550

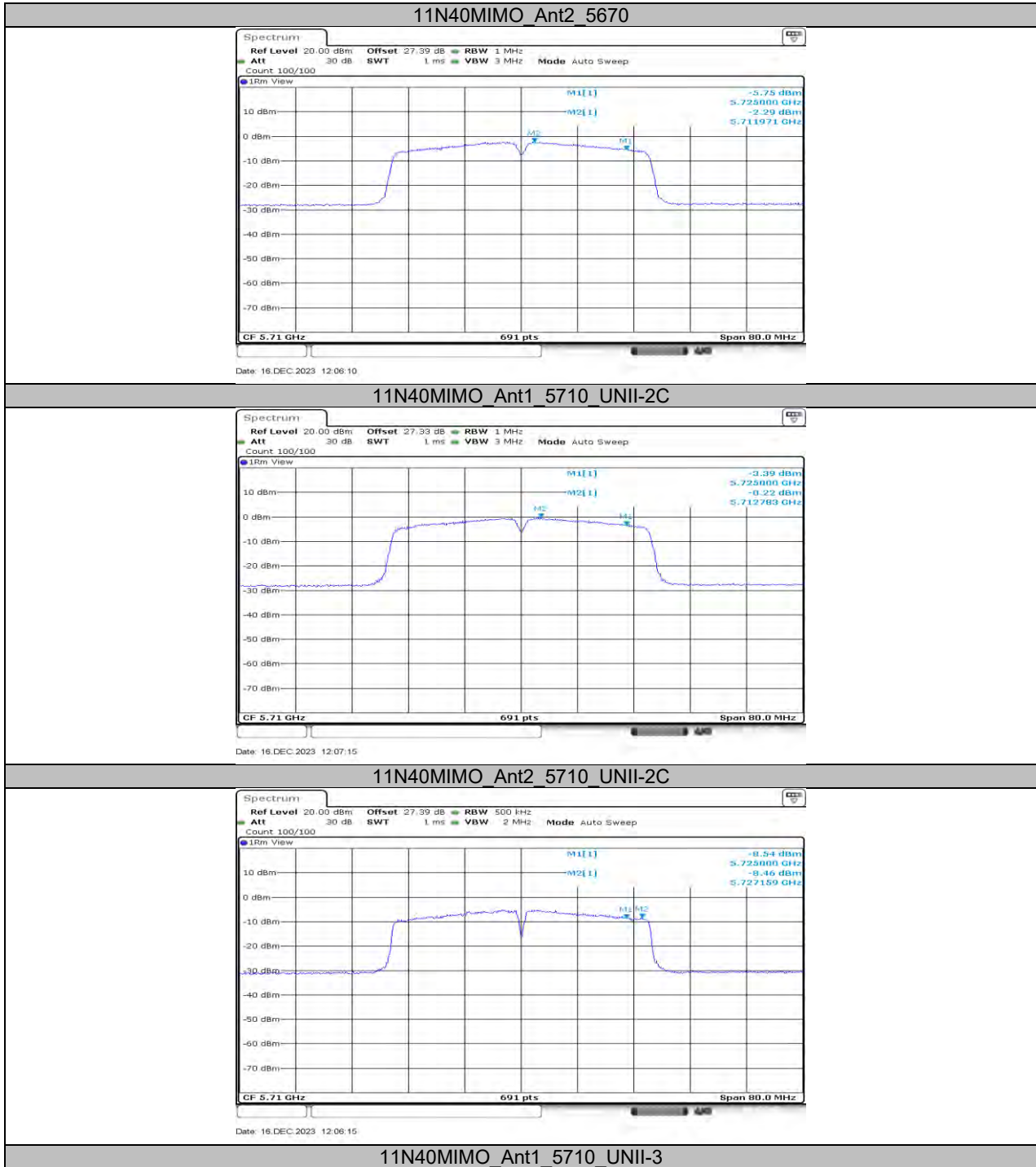


11N40MIMO Ant2 5550



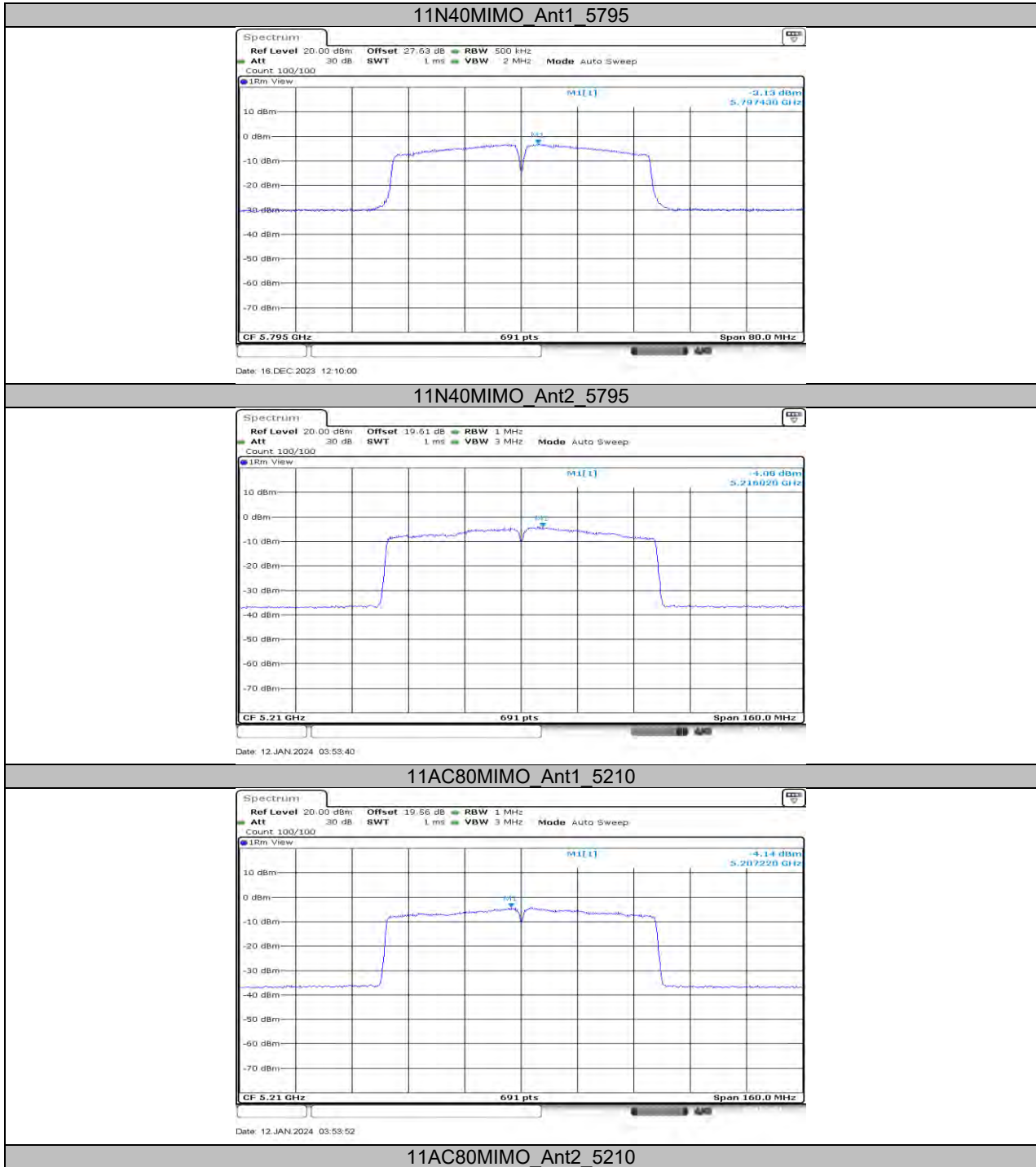
11N40MIMO Ant1 5670

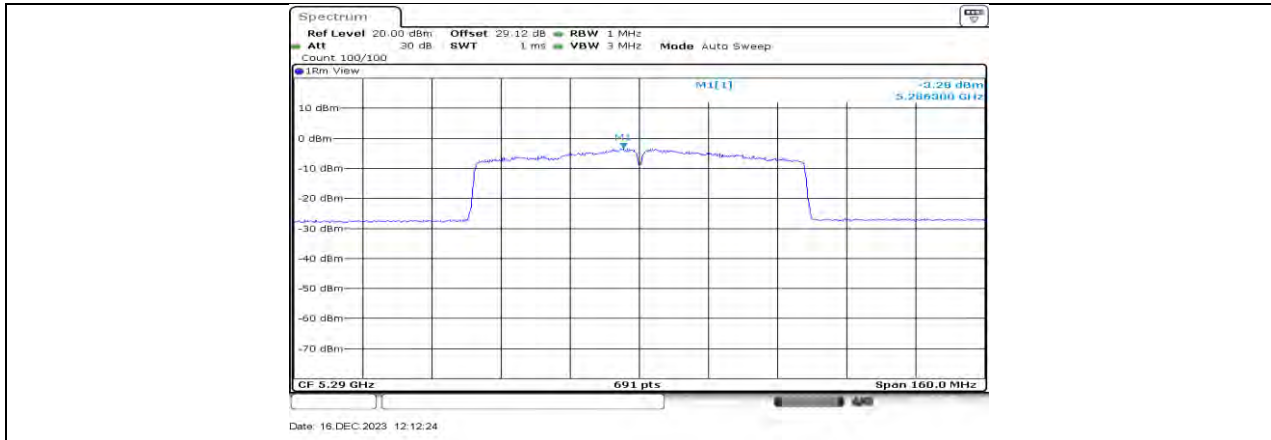


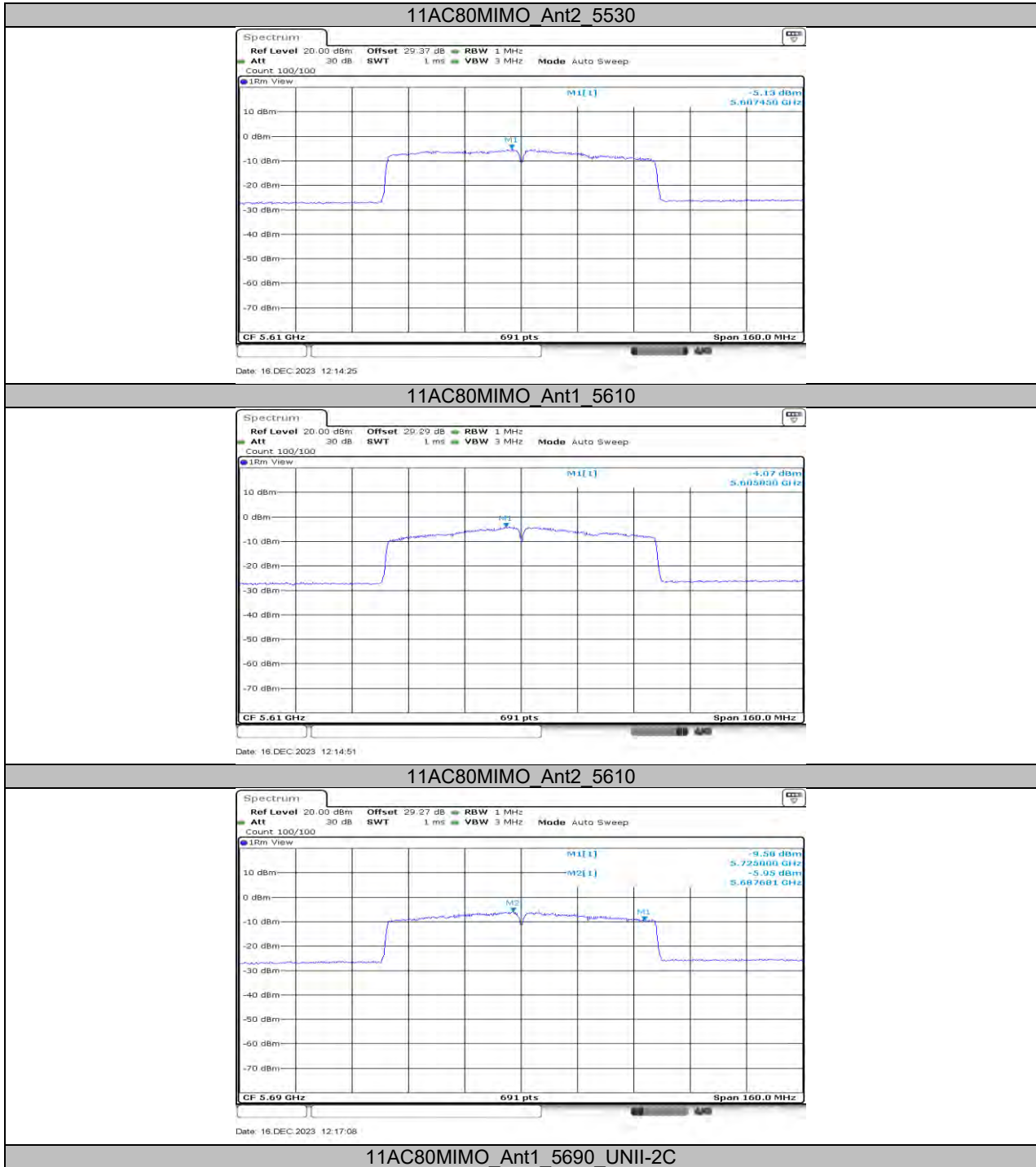




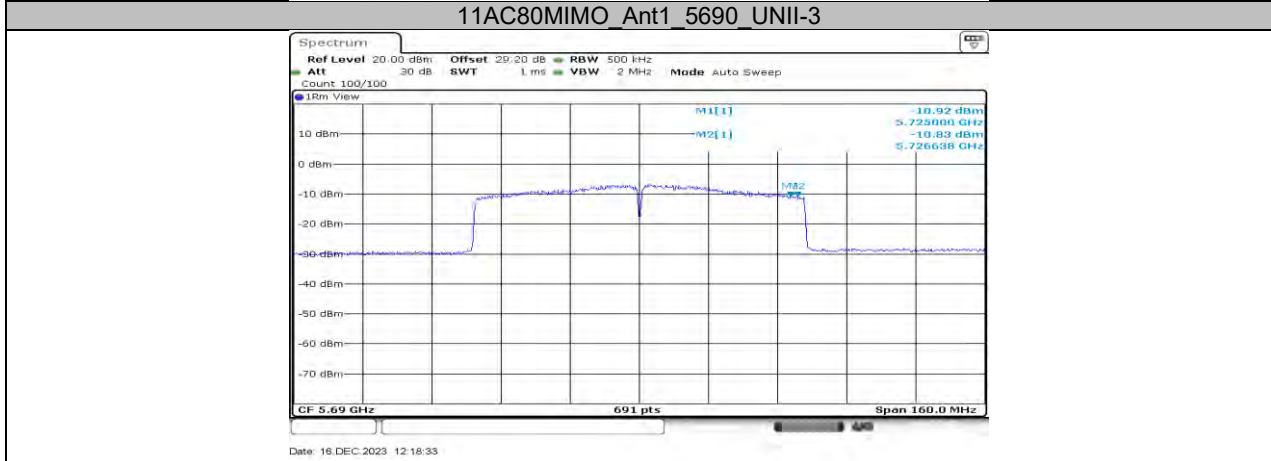
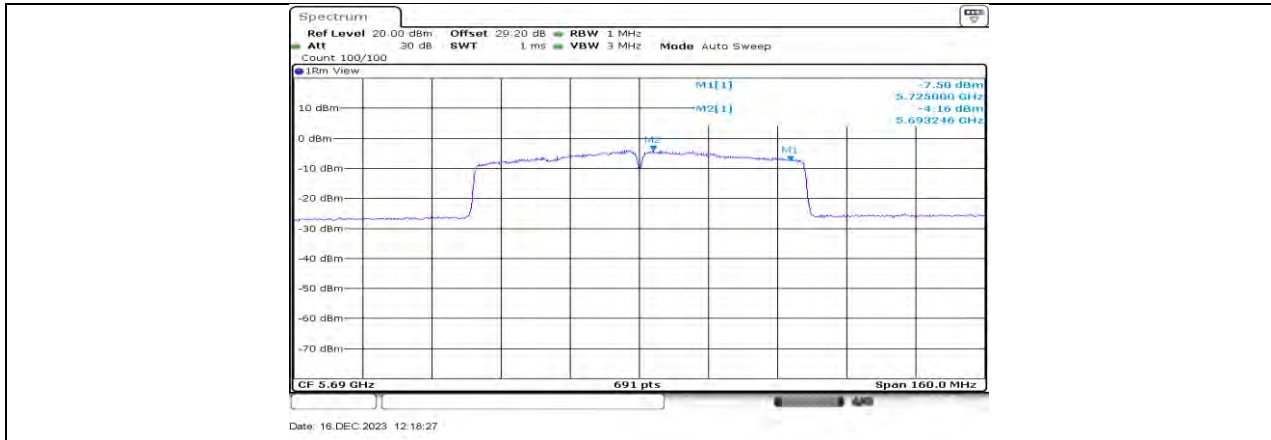














### 11AX20MIMO\_Ant2\_5180



11AX20MIMO\_Ant1\_5200

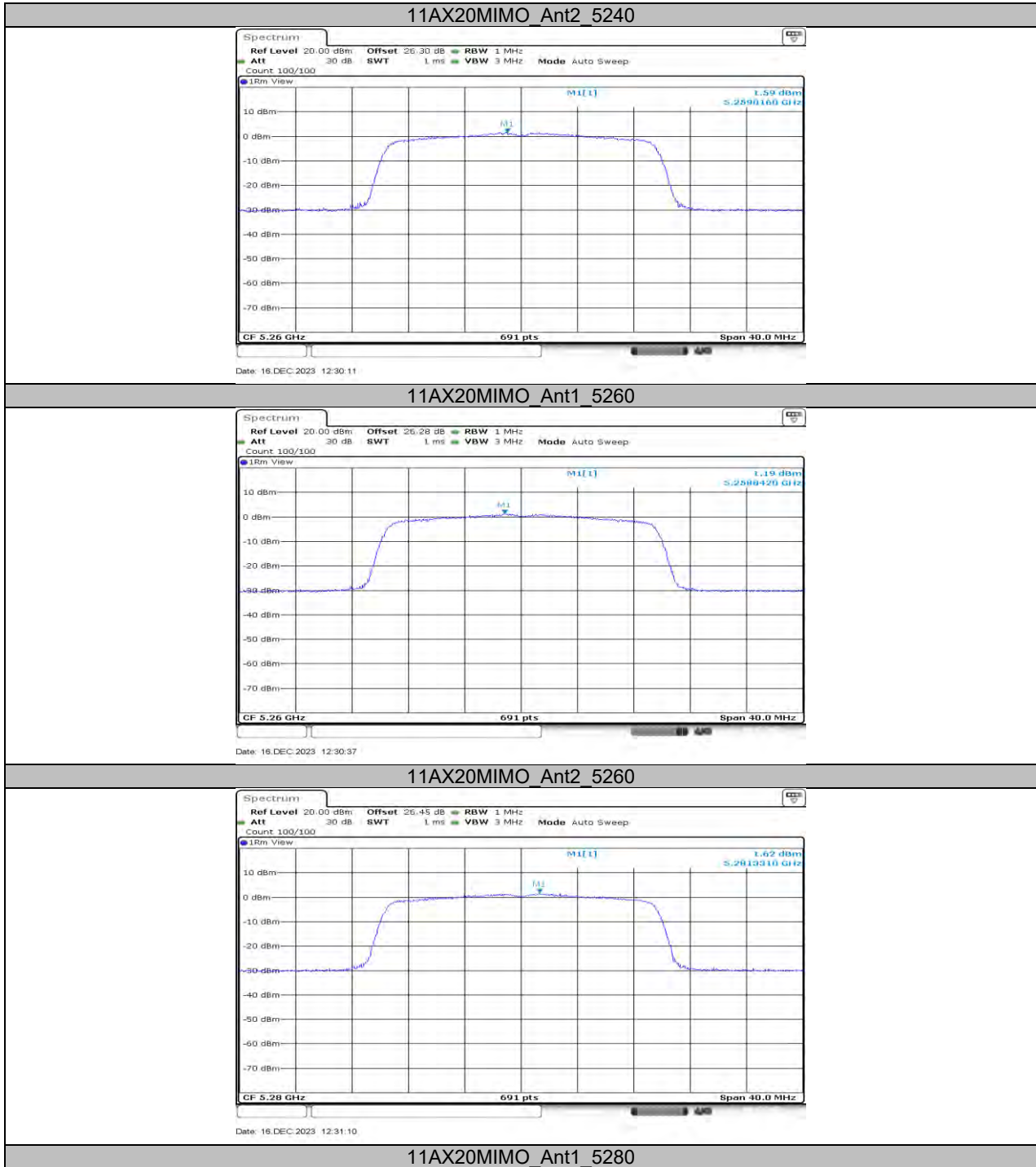


11AX20MIMO\_Ant2\_5200



11AX20MIMO\_Ant1\_5240



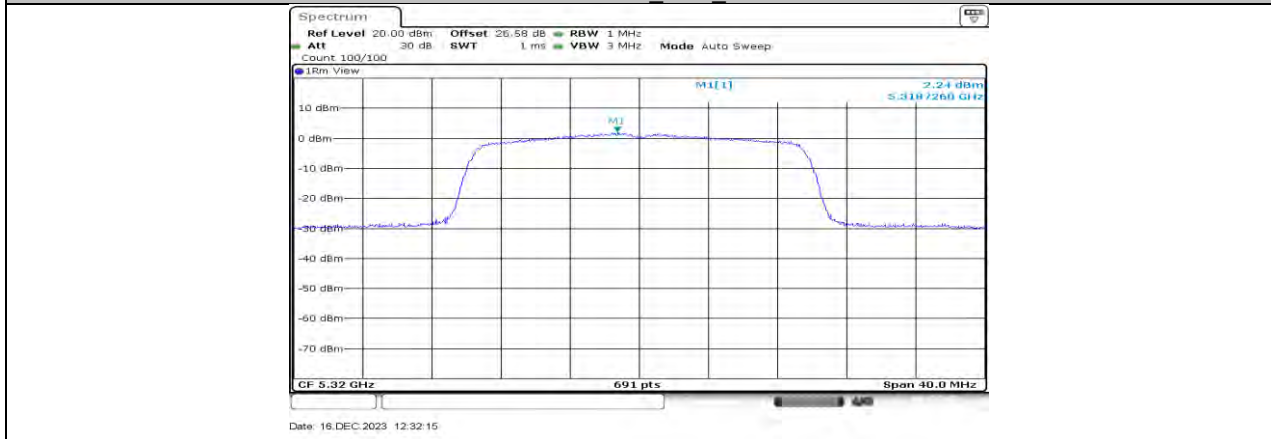






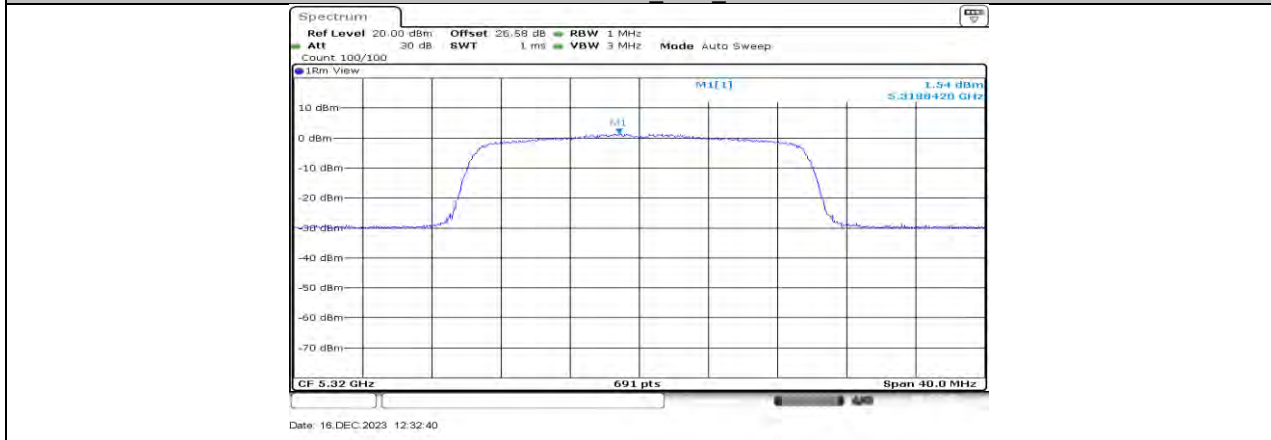
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11AX20MIMO\_Ant2\_5280



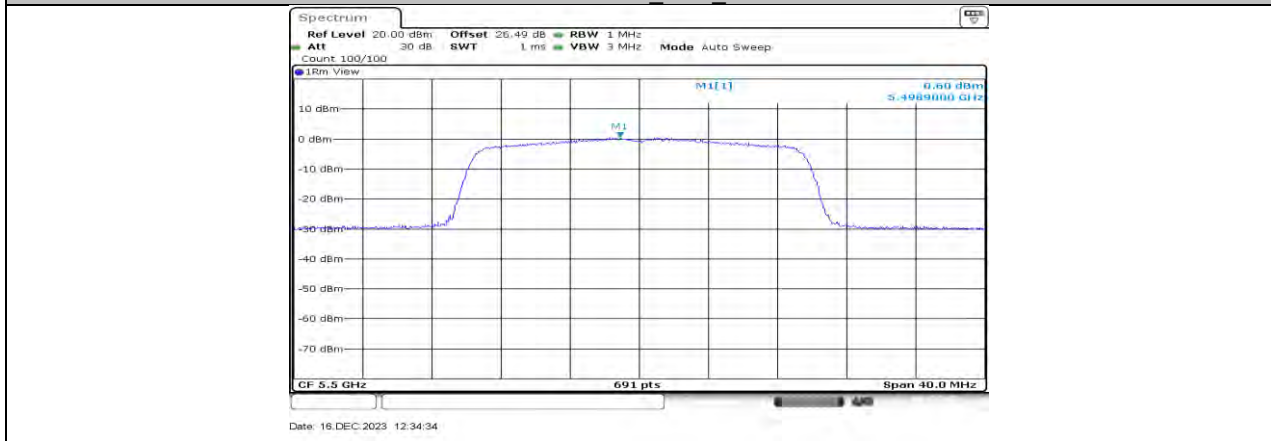
Date: 16.DEC.2023 12:32:15

11AX20MIMO\_Ant1\_5320



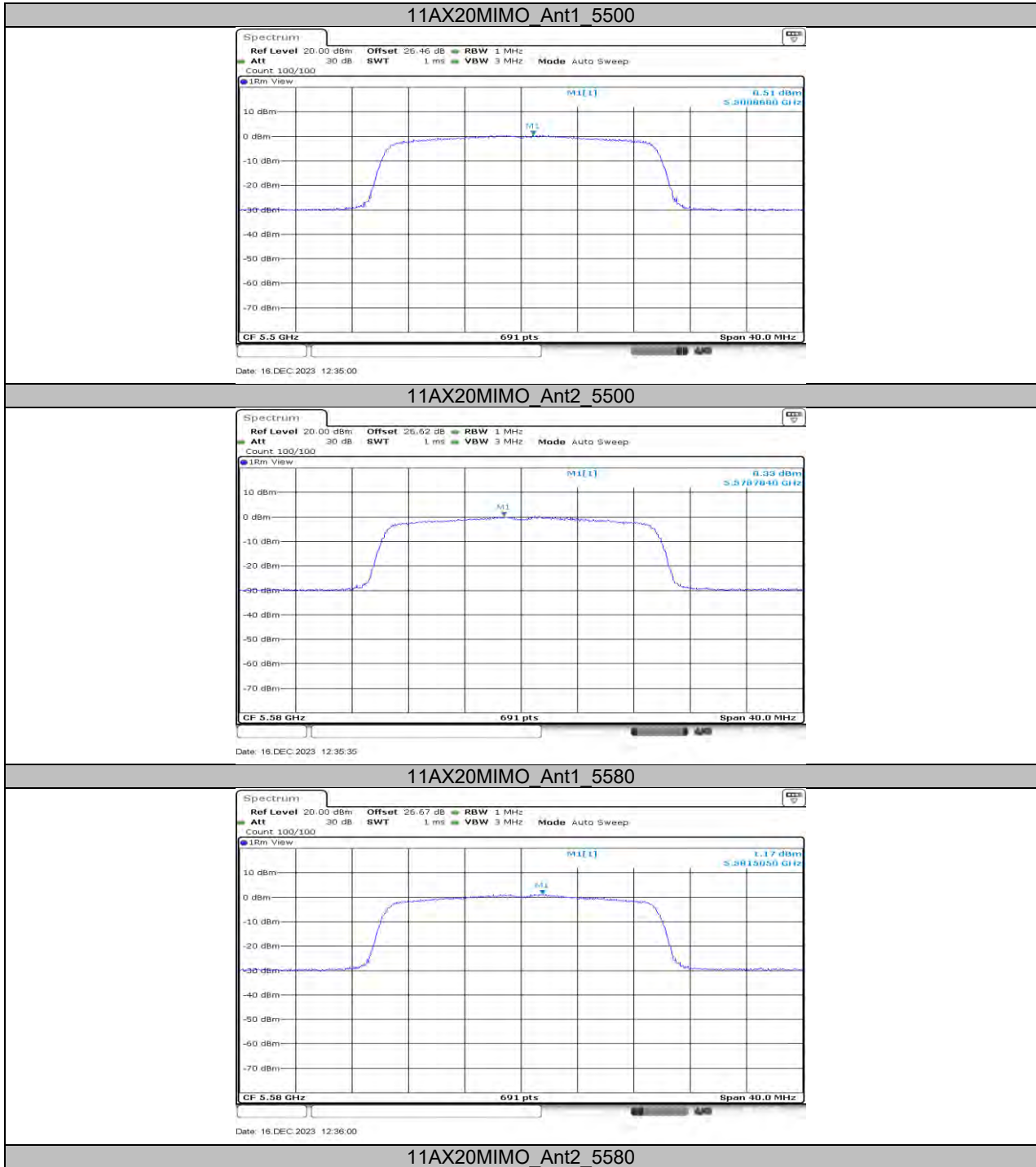
Date: 16.DEC.2023 12:32:40

11AX20MIMO\_Ant2\_5320



Date: 16.DEC.2023 12:34:34



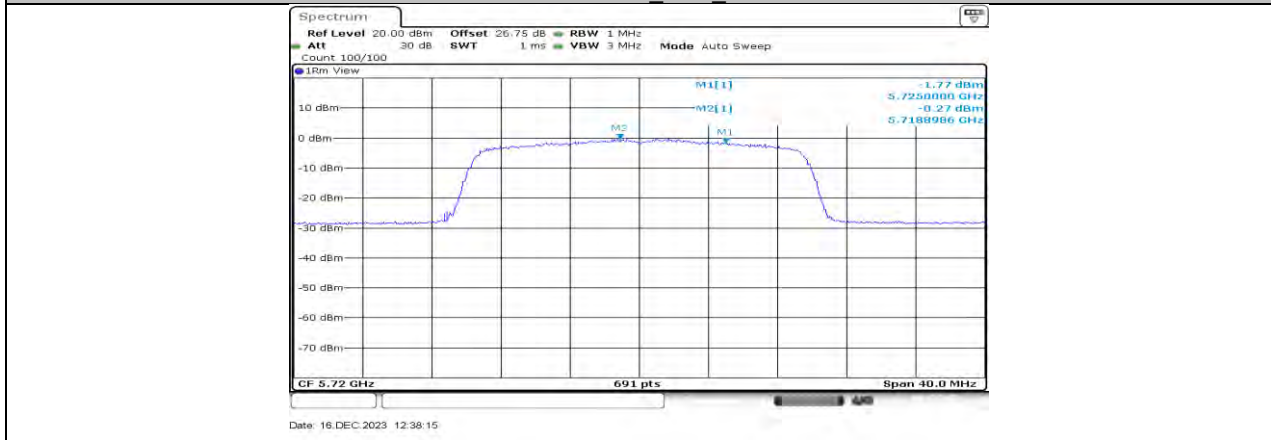




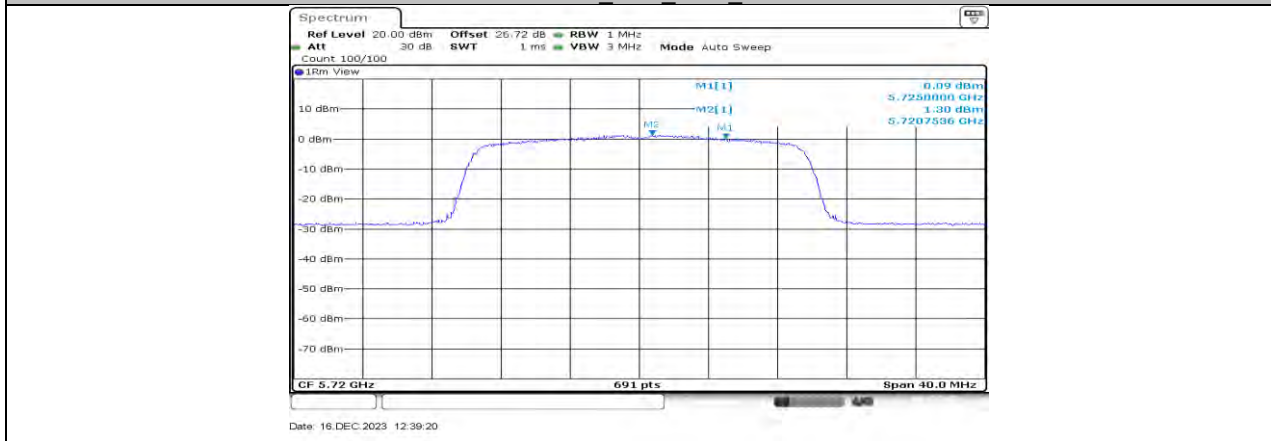
11AX20MIMO\_Ant1\_5700

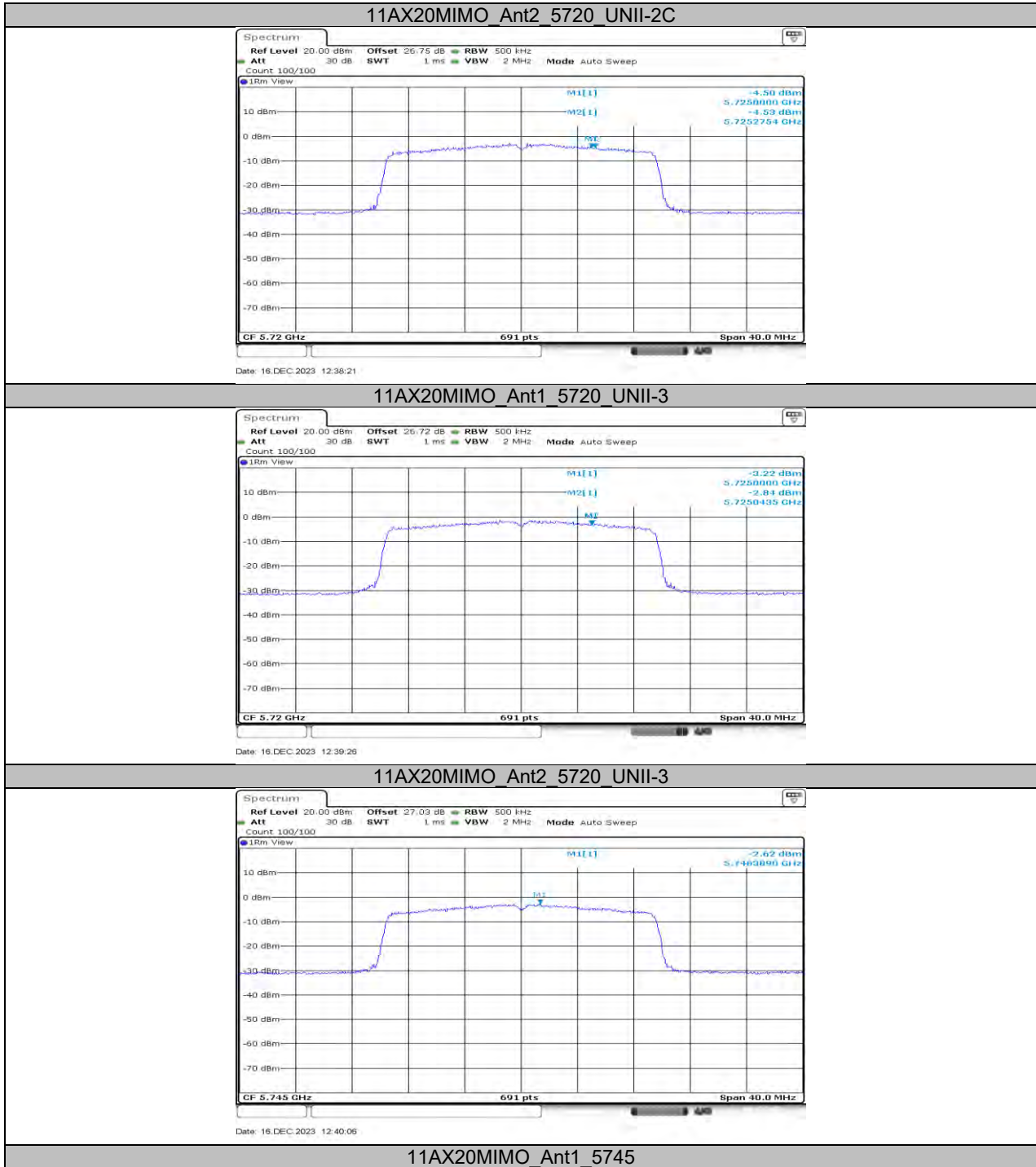


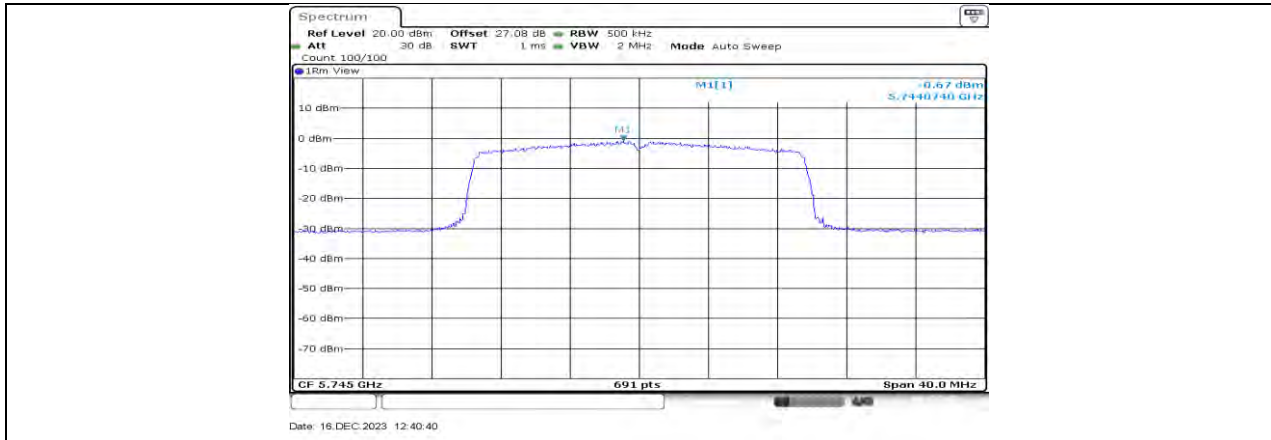
11AX20MIMO\_Ant2\_5700



11AX20MIMO\_Ant1\_5720\_UNII-2C



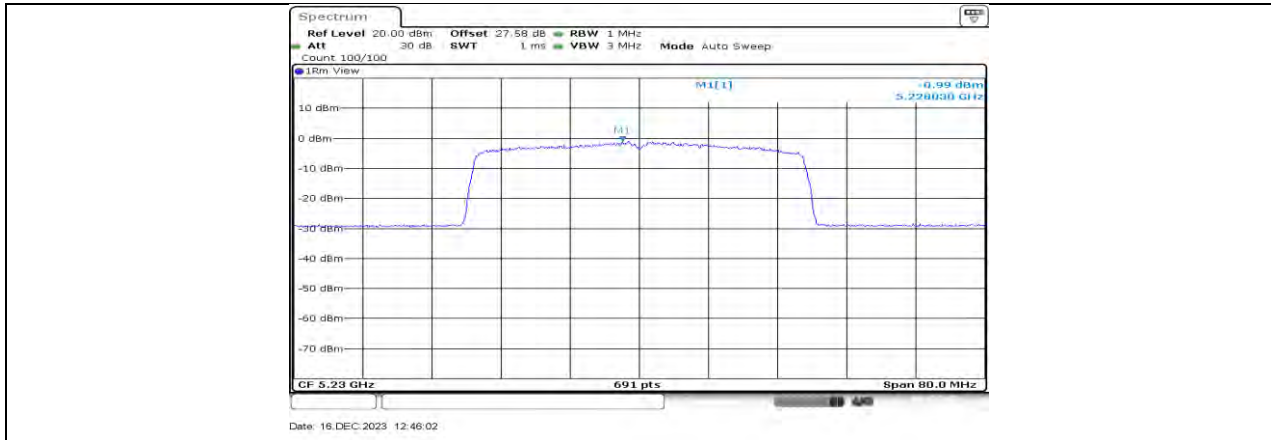






### 11AX40MIMO\_Ant2\_5190





11AX40MIMO\_Ant1\_5230

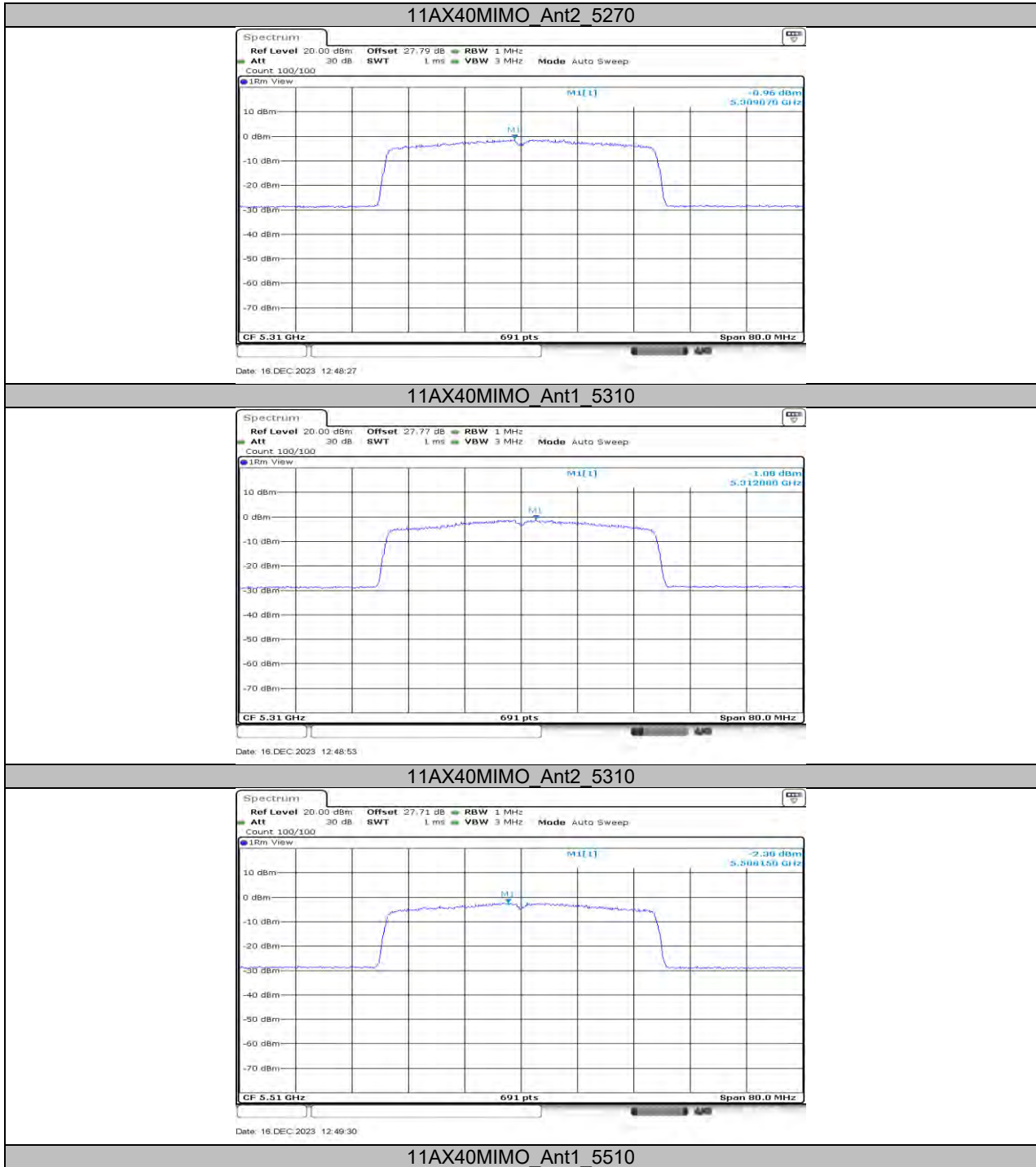


11AX40MIMO\_Ant2\_5230

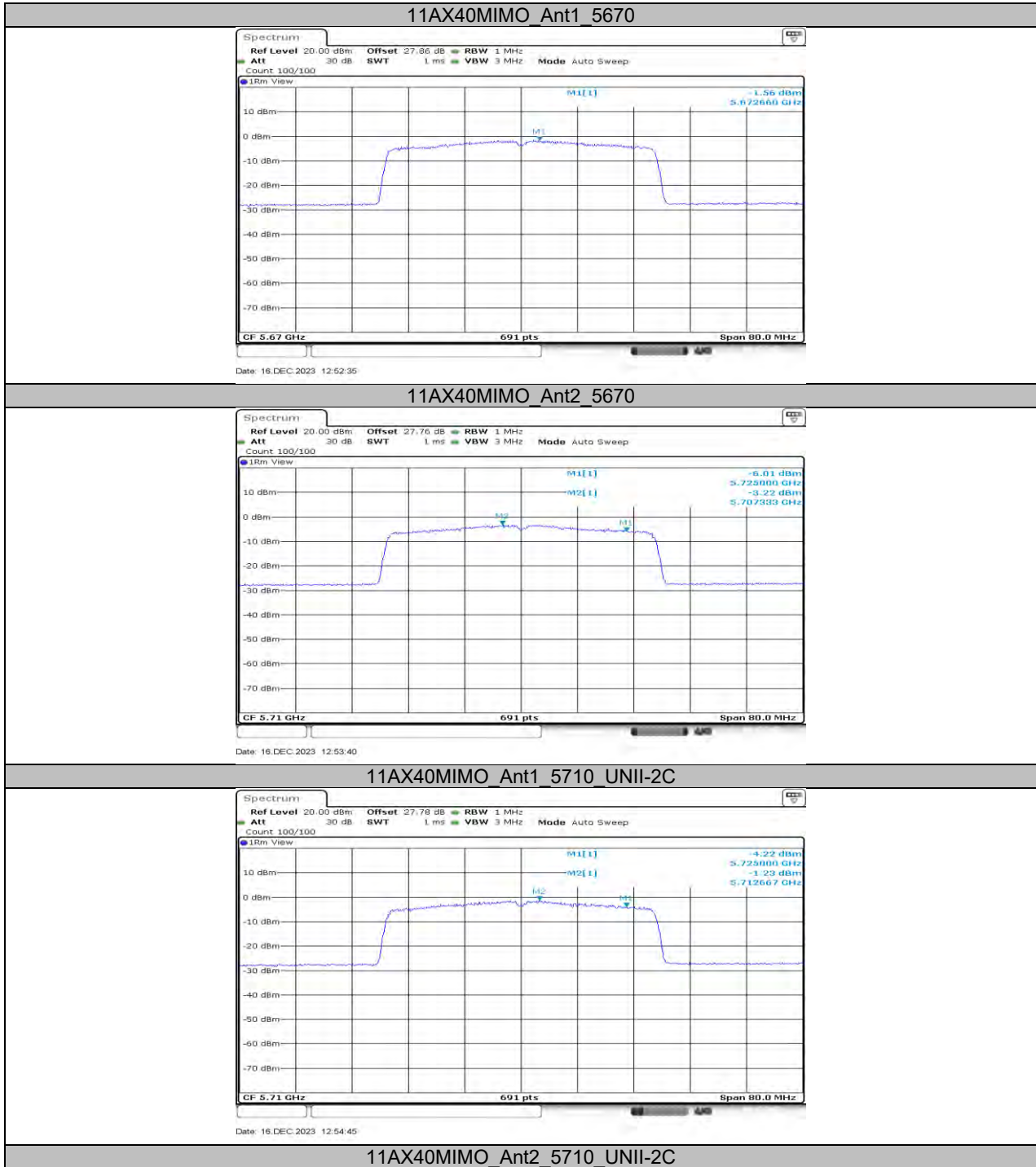


11AX40MIMO\_Ant1\_5270

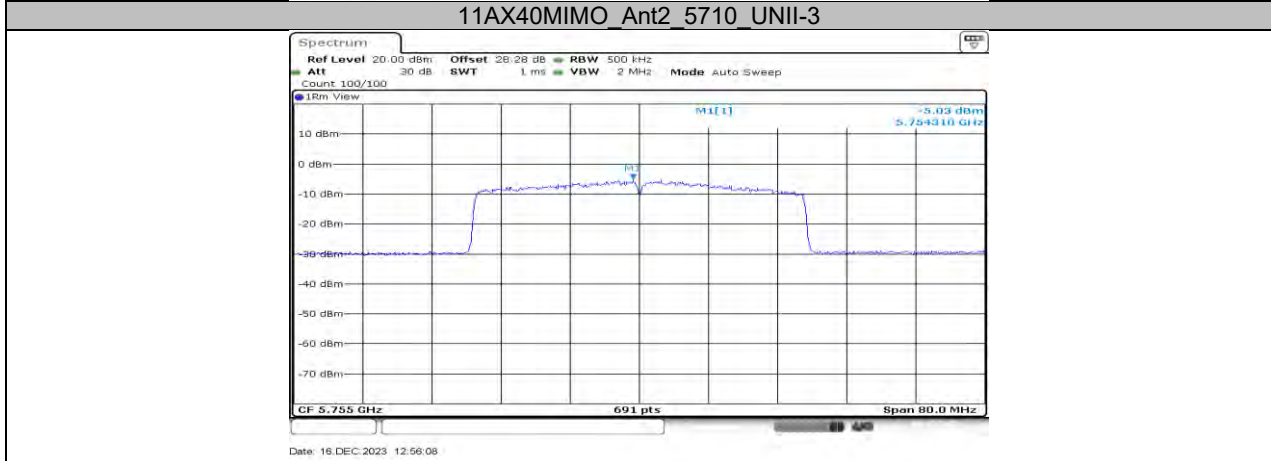
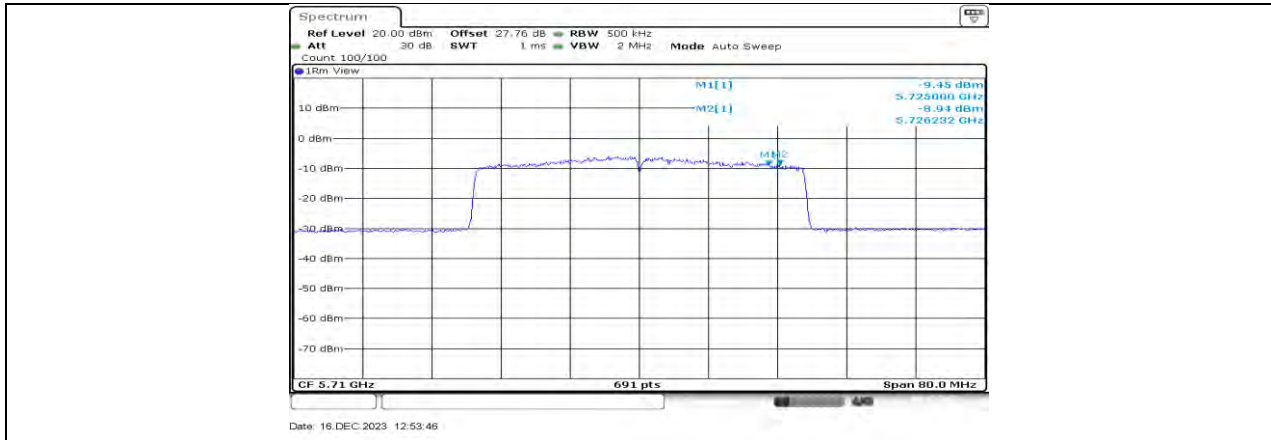




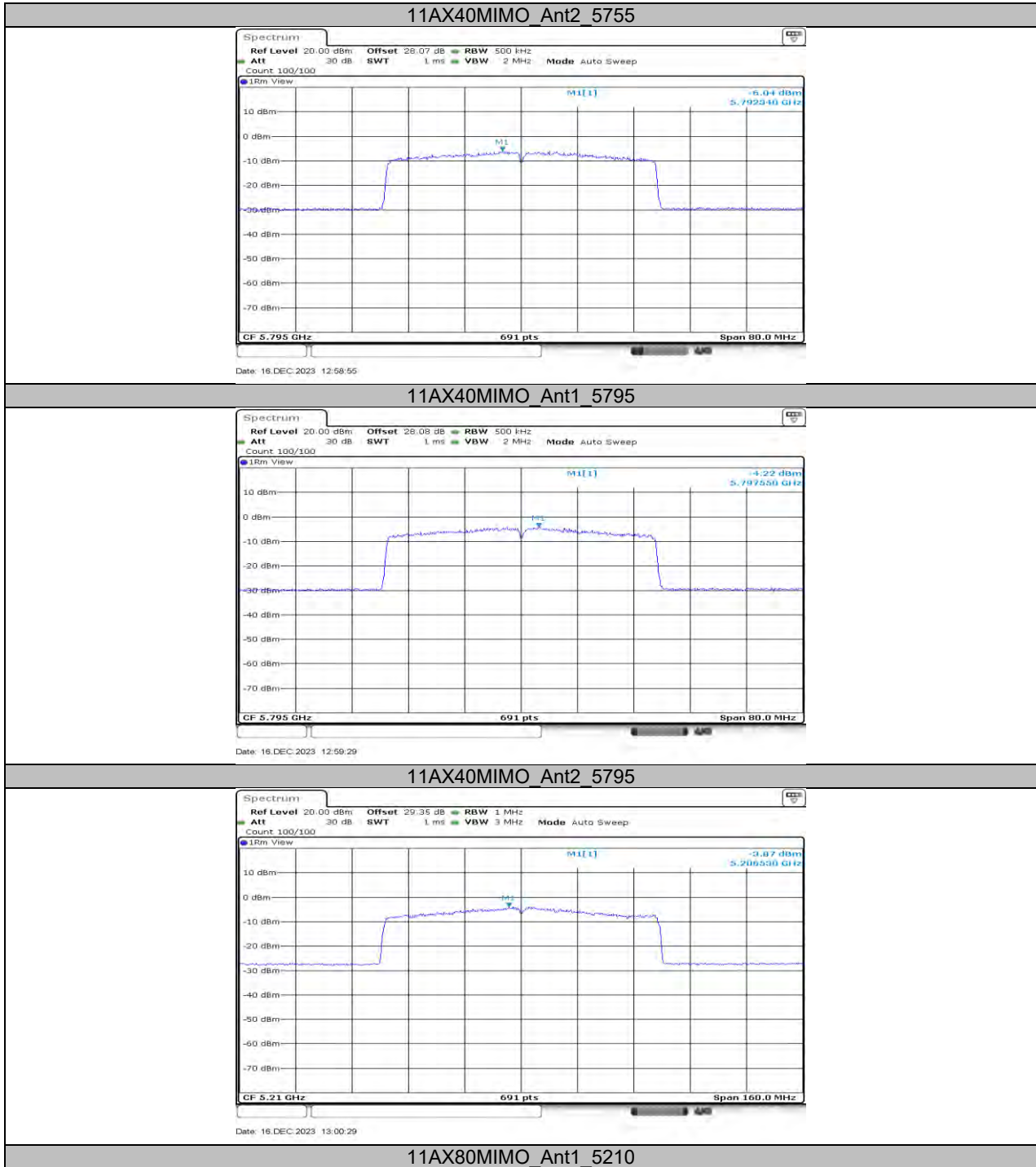


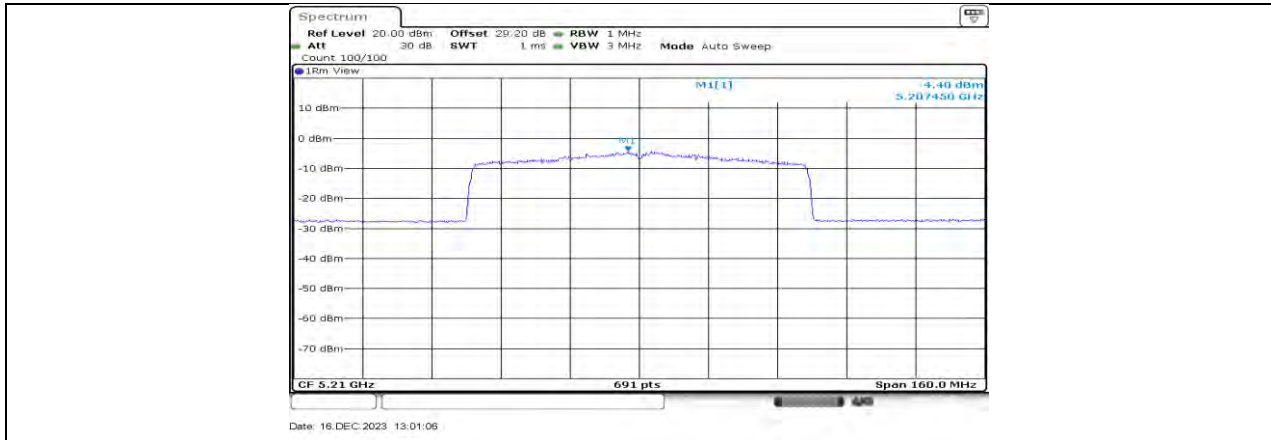


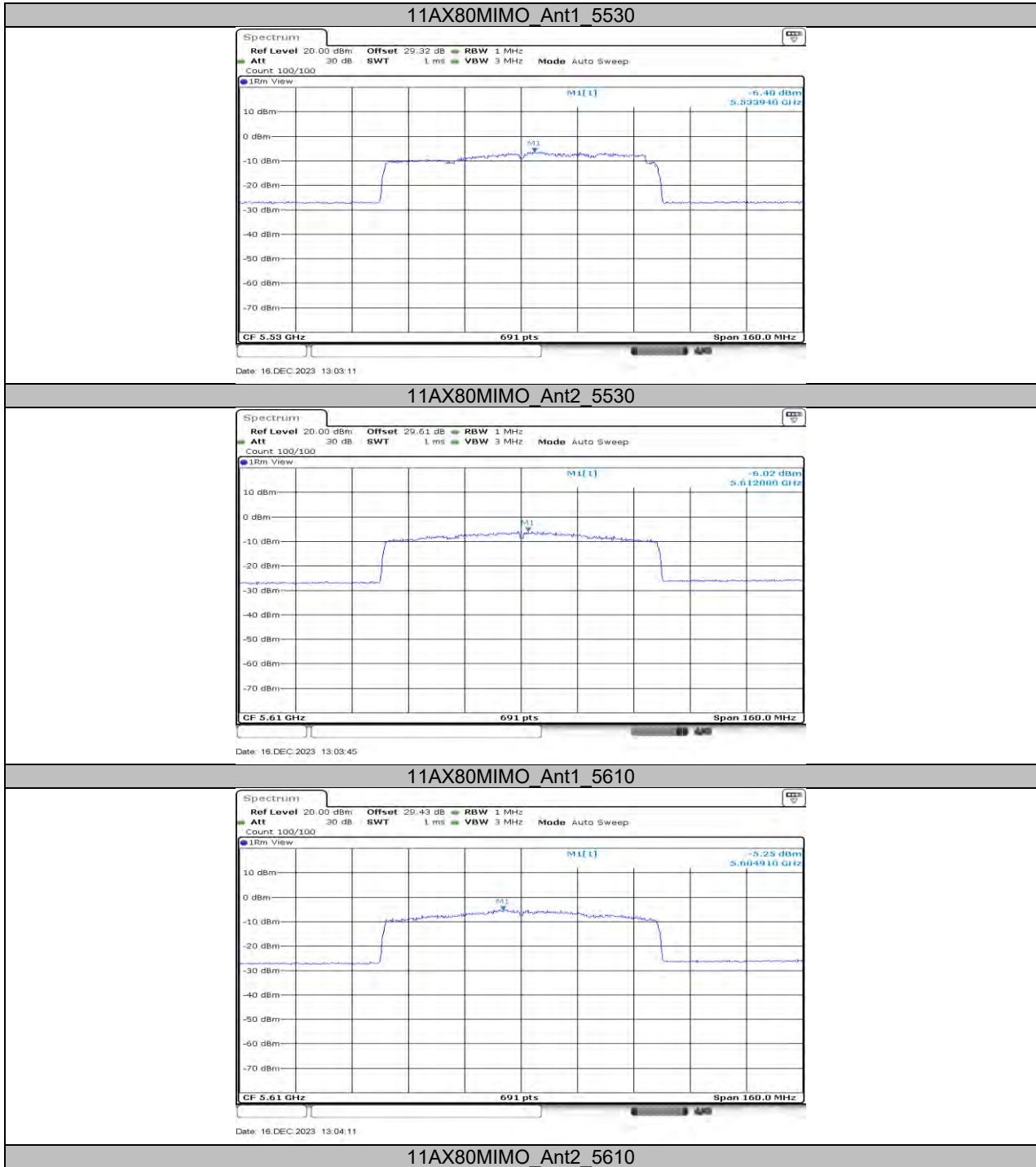


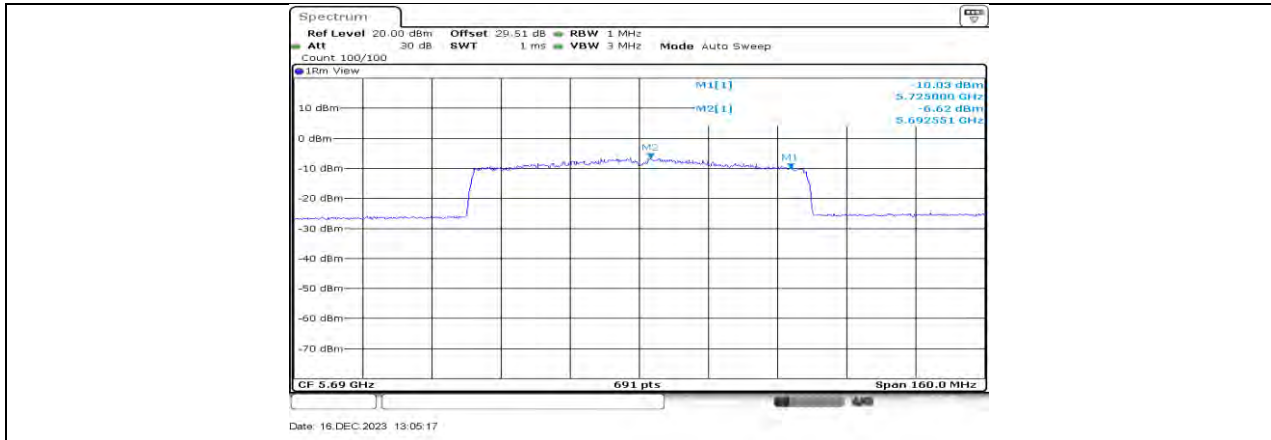


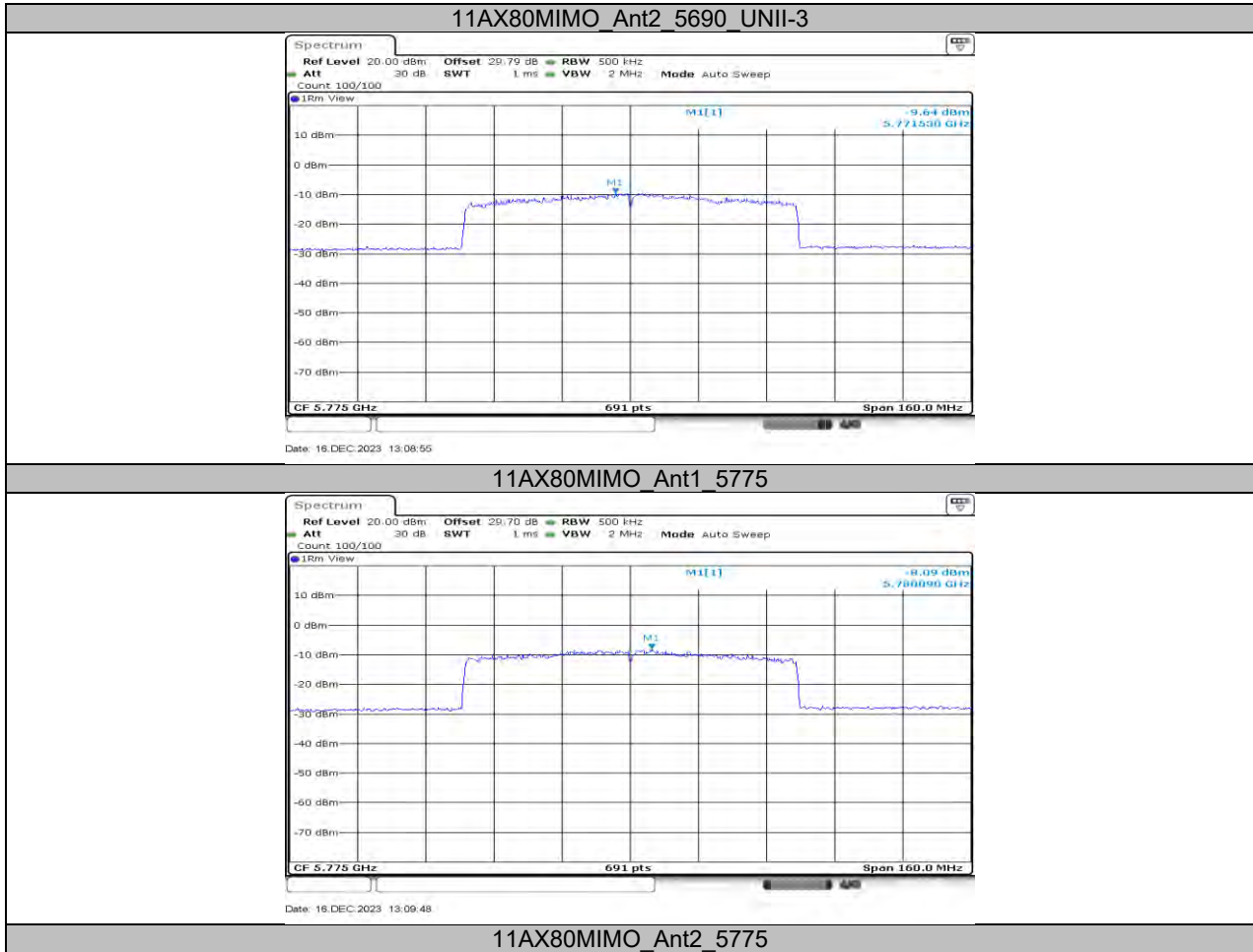














## 11.6. APPENDIX F: FREQUENCY STABILITY

### 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	5200.0213	4.10	5199.9875	-2.41	5200.0058	1.12	5199.9957	-0.83
TN	VN	5200.0059	1.13	5199.9806	-3.73	5200.0243	4.68	5199.9961	-0.76
TN	VH	5199.9833	-3.22	5200.0180	3.47	5199.9761	-4.60	5199.9903	-1.86

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)
70	VN	5199.9782	-4.18	5200.0073	1.40	5200.0225	4.33	5200.0063	1.20
60	VN	5199.9877	-2.37	5199.9914	-1.65	5200.0162	3.12	5200.0048	0.92
50	VN	5200.0067	1.29	5200.0123	2.37	5199.9939	-1.17	5200.0180	3.45
40	VN	5199.9853	-2.83	5199.9765	-4.52	5200.0087	1.68	5200.0107	2.06
30	VN	5200.0096	1.85	5200.0184	3.54	5200.0180	3.47	5199.9863	-2.64
20	VN	5200.0133	2.56	5200.0243	4.68	5199.9991	-0.18	5200.0116	2.22
10	VN	5199.9805	-3.75	5199.9894	-2.04	5199.9914	-1.66	5199.9803	-3.79
0	VN	5200.0236	4.54	5199.9967	-0.63	5200.0244	4.70	5200.0072	1.38

**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	1.39	2.01	0.6915	69.15	1.60	0.72	1
11N20MIMO	1.30	1.92	0.6771	67.71	1.69	0.77	1
11N40MIMO	0.64	1.25	0.5120	51.20	2.91	1.56	2
11AC80MIMO	0.32	0.95	0.3368	33.68	4.73	3.13	4
11AX20MIMO	1.02	1.64	0.6220	62.20	2.06	0.98	1
11AX40MIMO	0.54	1.15	0.4696	46.96	3.28	1.85	2
11AX80MIMO	0.29	0.91	0.3187	31.87	4.97	3.45	4

Note:

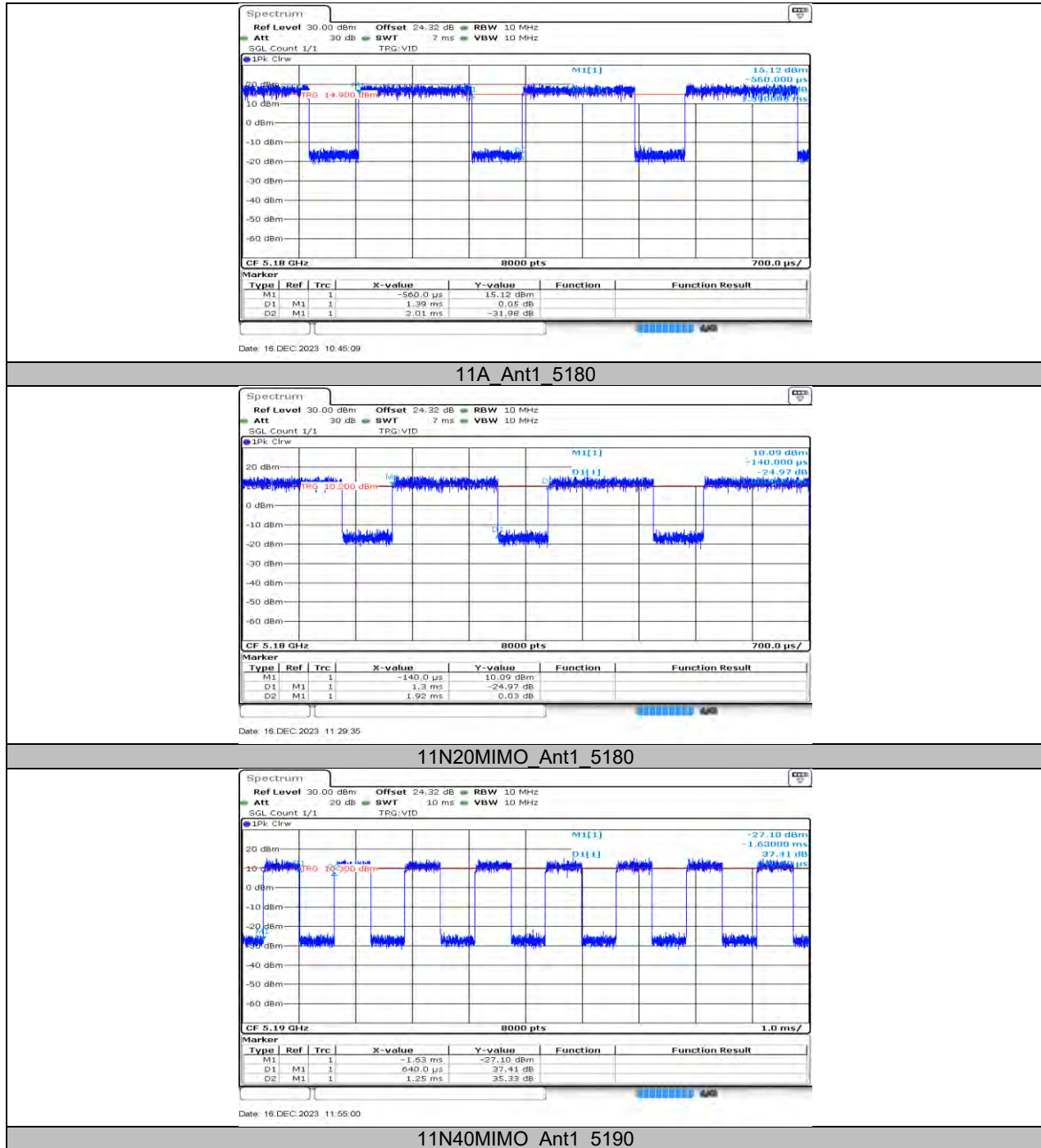
Duty Cycle Correction Factor=10log (1/x).

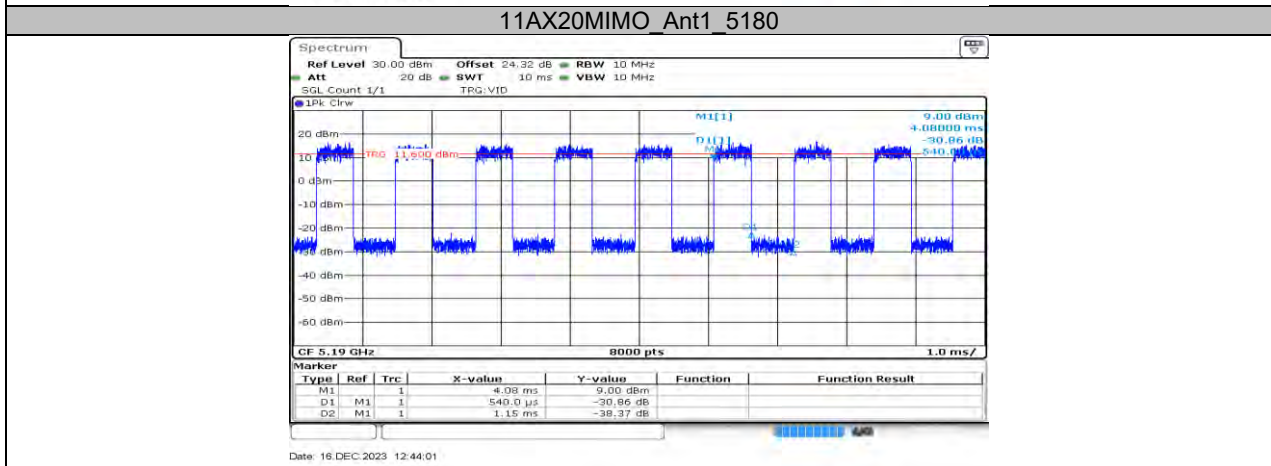
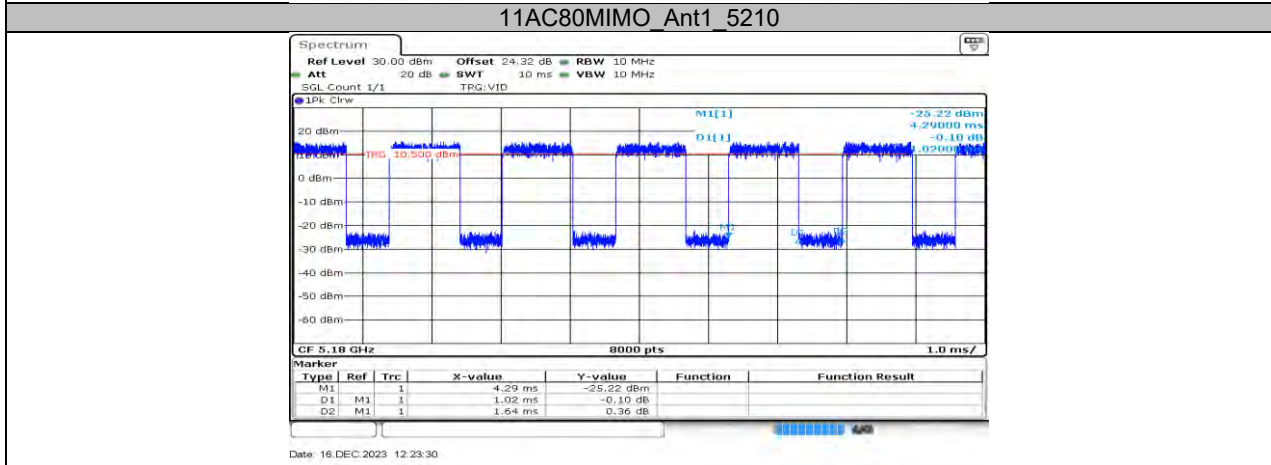
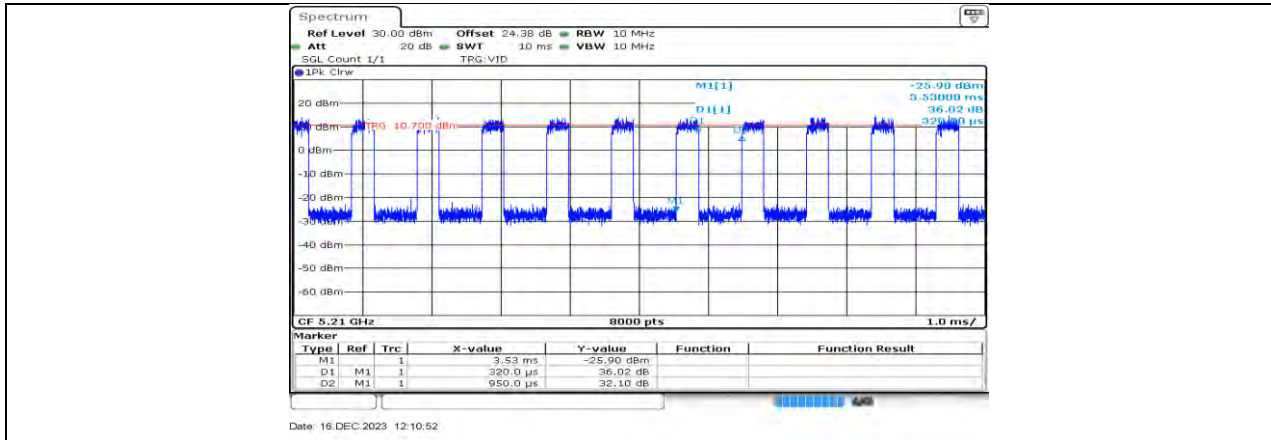
Where: x is Duty Cycle (Linear)

Where: T is On Time

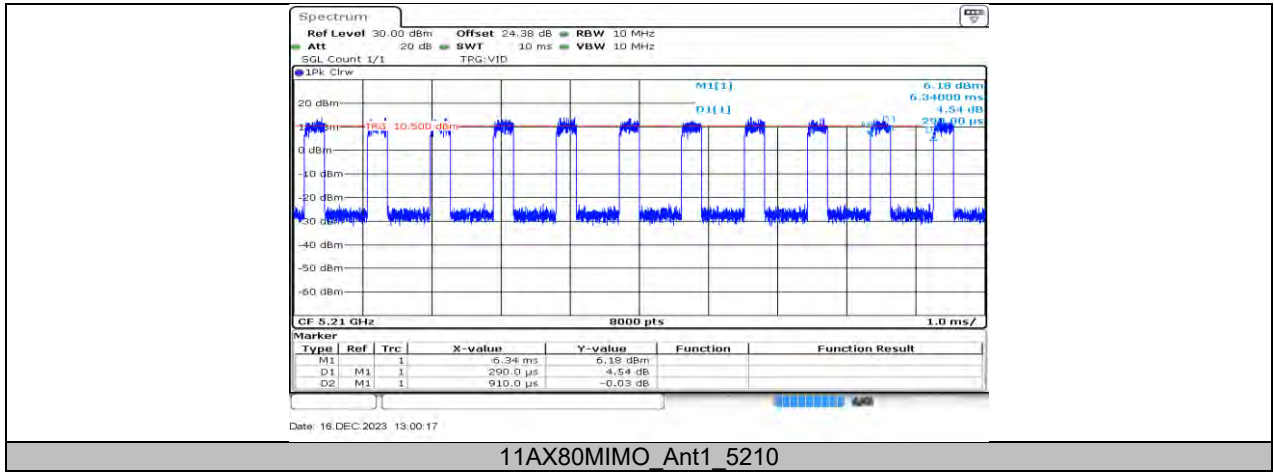
If that calculated VBW is not available on the analyzer then the next higher value should be used.

### 11.7.2. Test Graphs





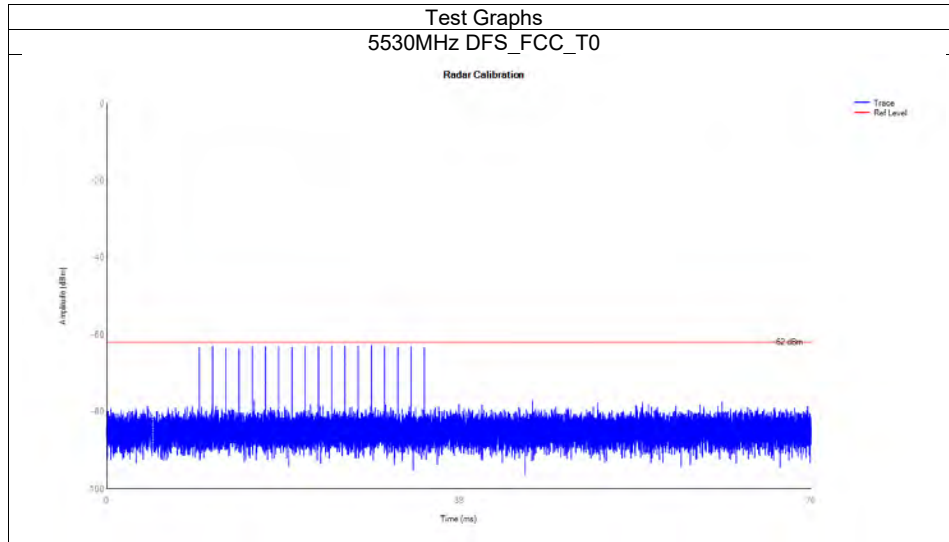
**11AX40MIMO\_Ant1\_5190**





### 11.8. APPENDIX H: CALIBRATION

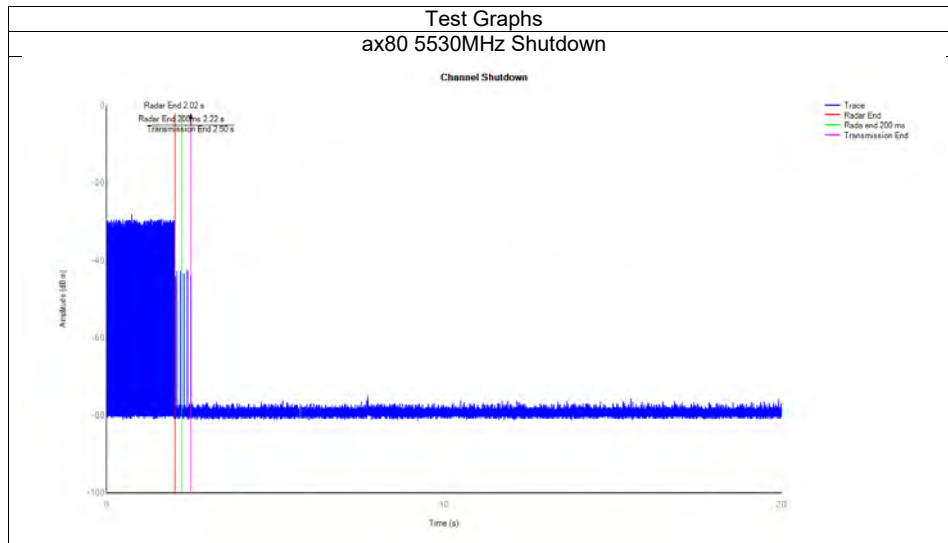
Mode	Frequency (MHz)	Type	Result	Verdict
ax80	5530	DFS_FCC_T0	See test Graph	Pass



### 11.9. APPENDIX I: SHUTDOWN TIME

Mode	Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmission Time (s)	Limit Close Transmission Time (s)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
ax80	5530	0.474	10	0.011	0.26	0.006	0.06	Pass

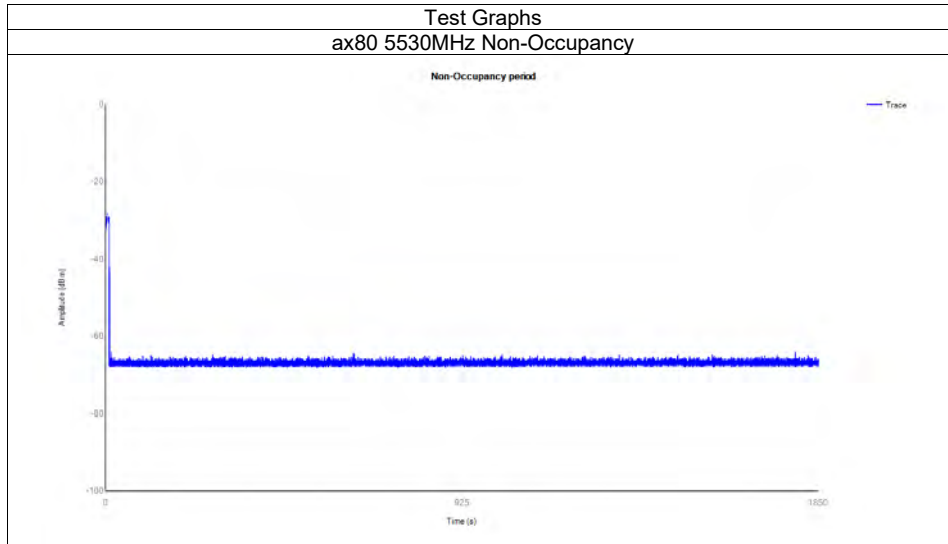
Note: refer to KDB 905462 D02 table 2, this report only records the widest BW mode test data.



### 11.10. APPENDIX J: NON-OCCUPANCY

Mode	Frequency (MHz)	Result	Verdict
ax80	5530	See test Graph	Pass

Note: refer to KDB 905462 D02 table 2, this report only records the widest BW mode test data.




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**END OF REPORT**