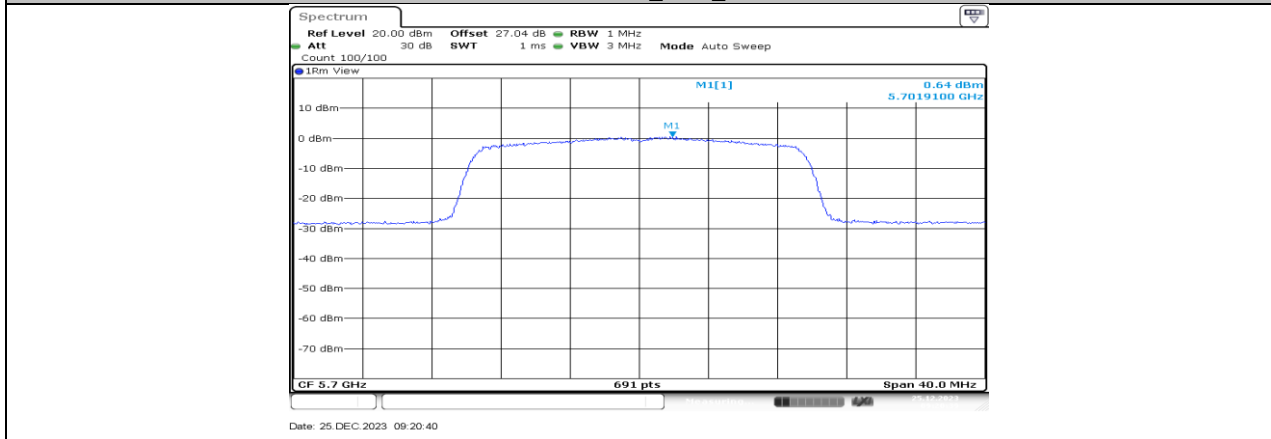
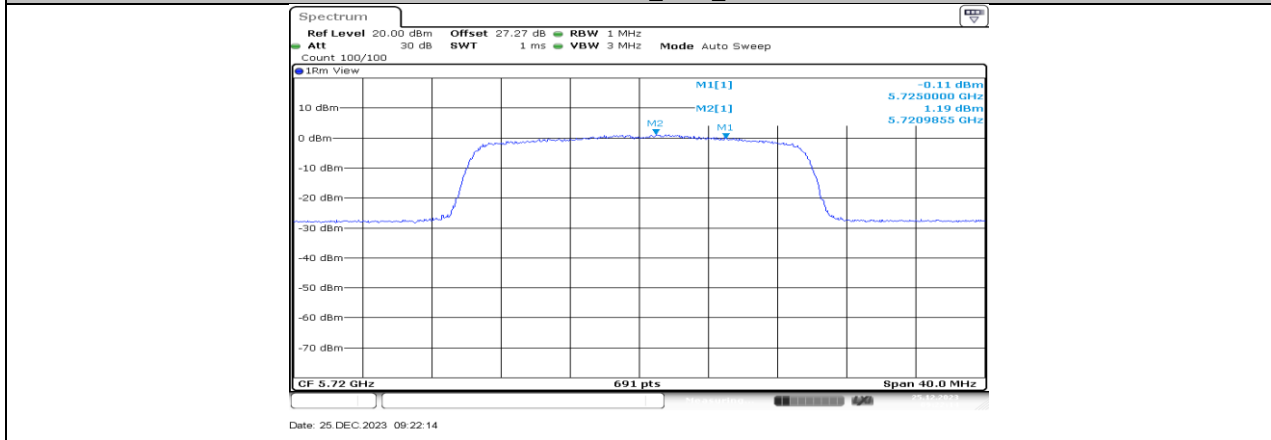


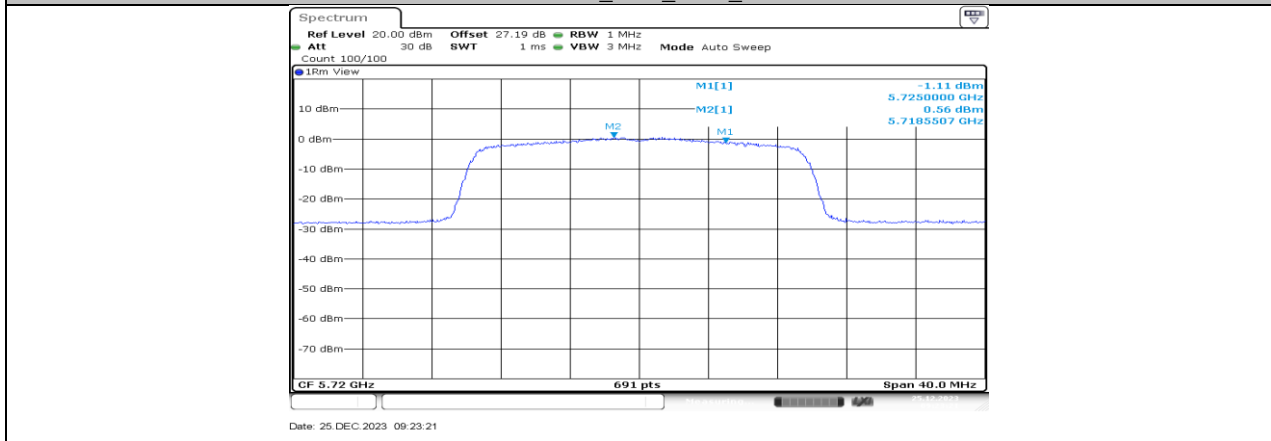
11AX20MIMO\_Ant1\_5700

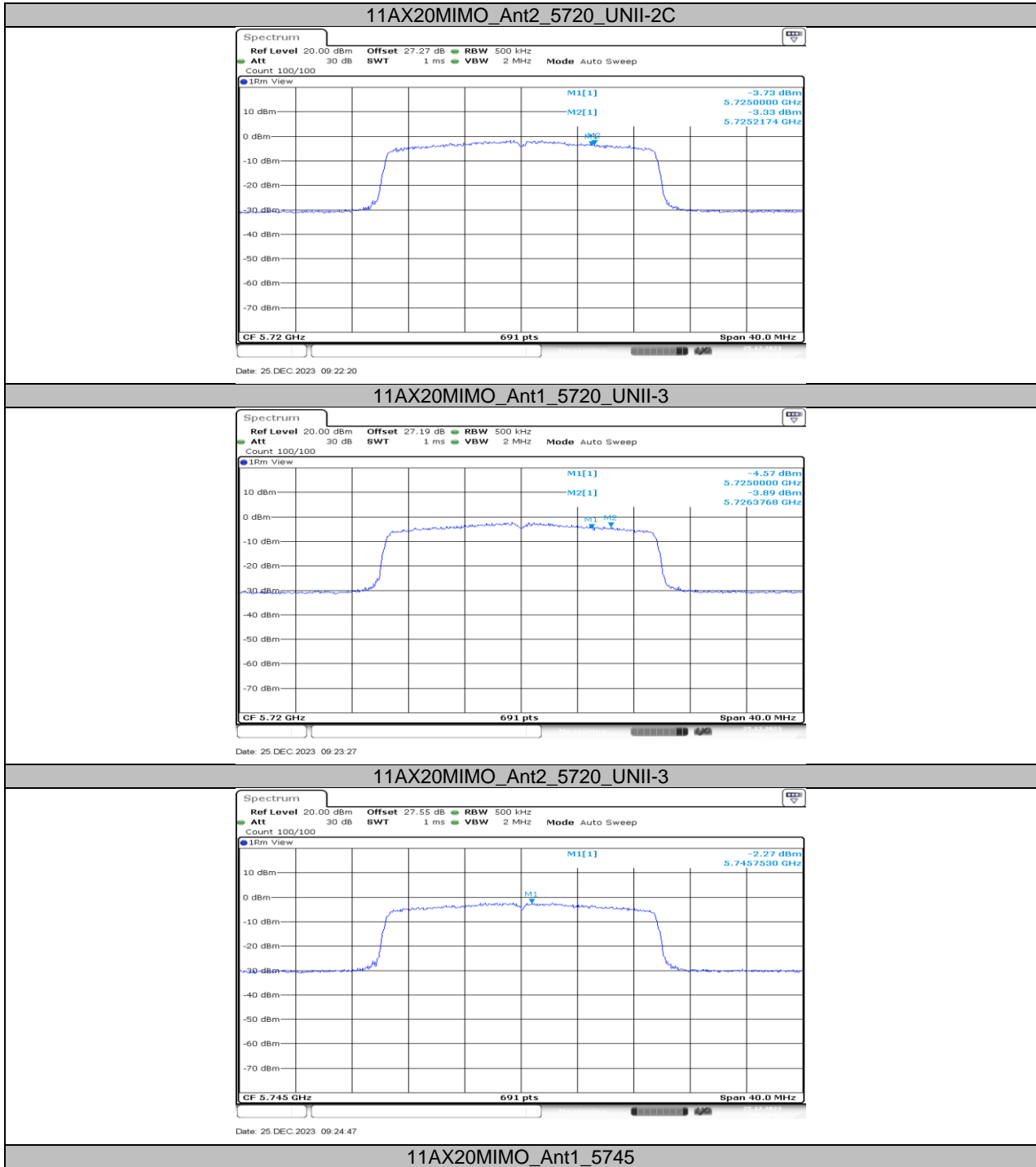


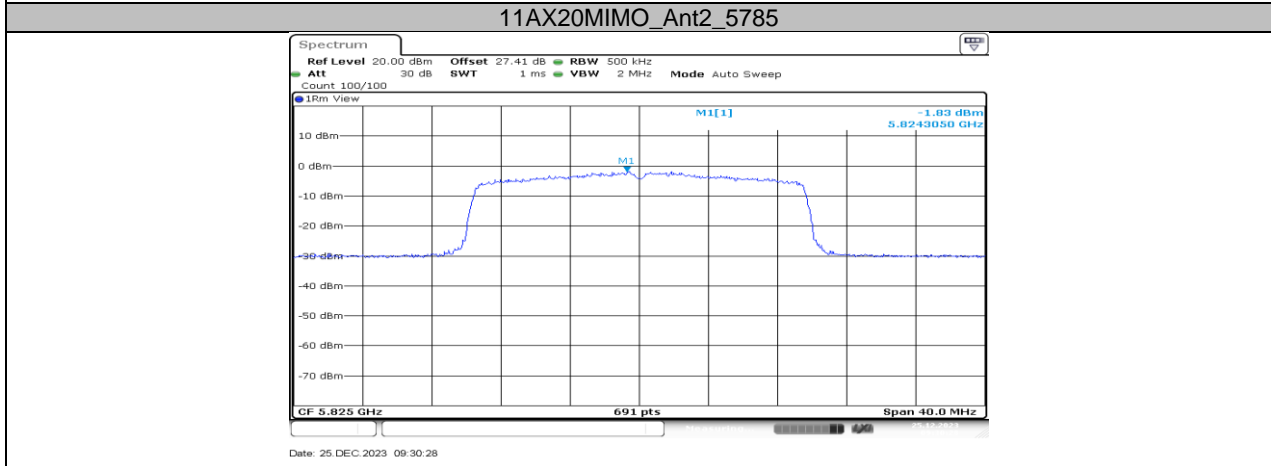
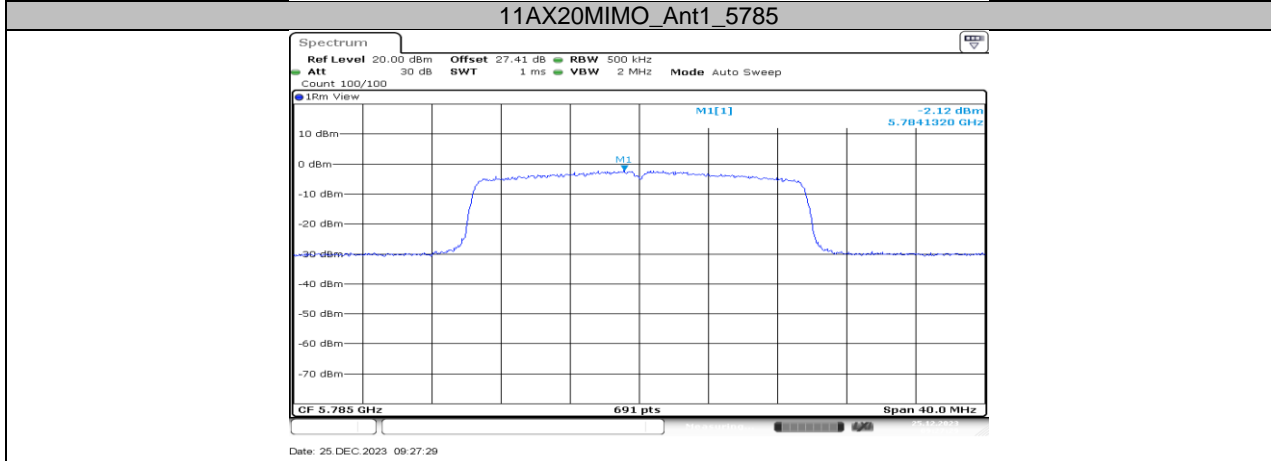
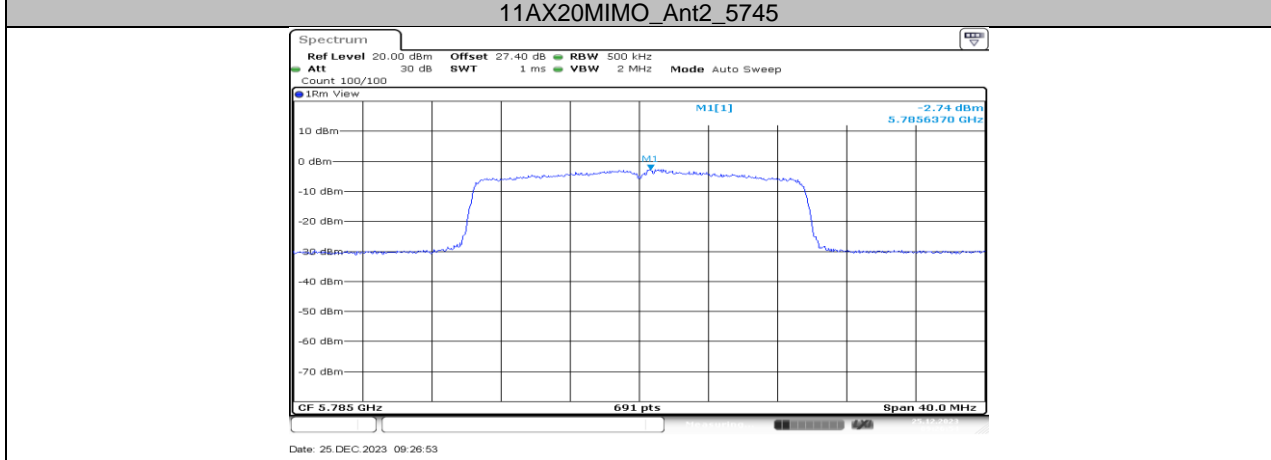
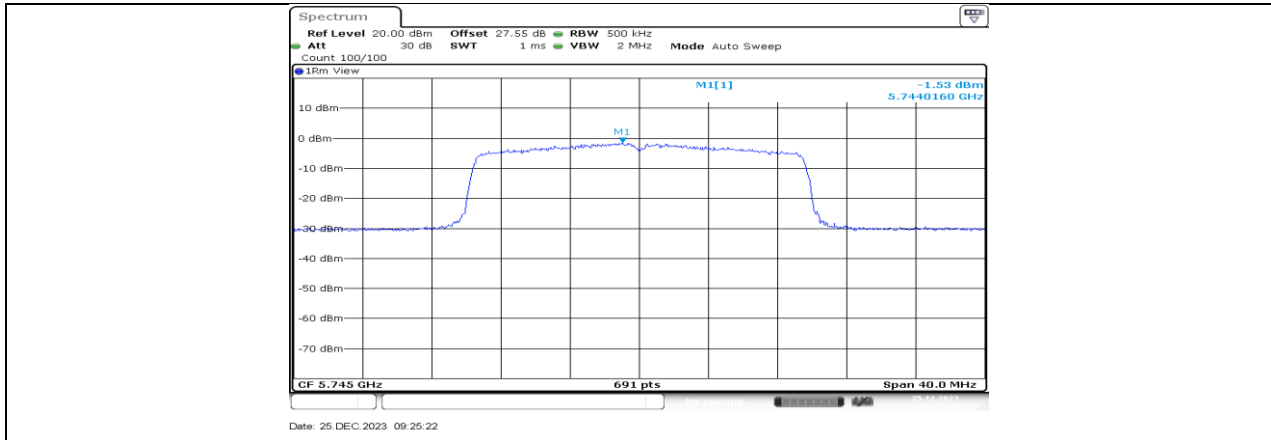
11AX20MIMO\_Ant2\_5700

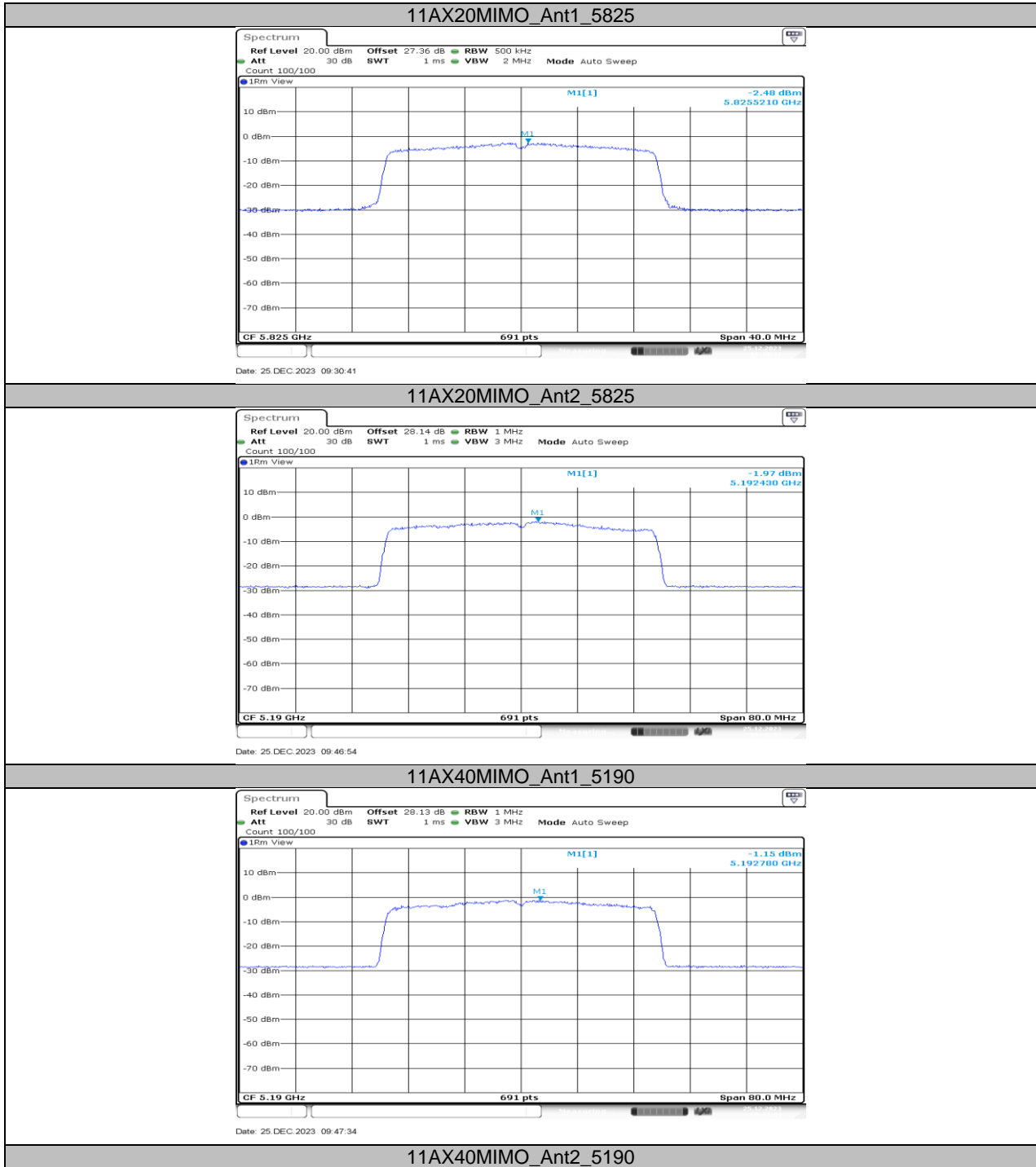


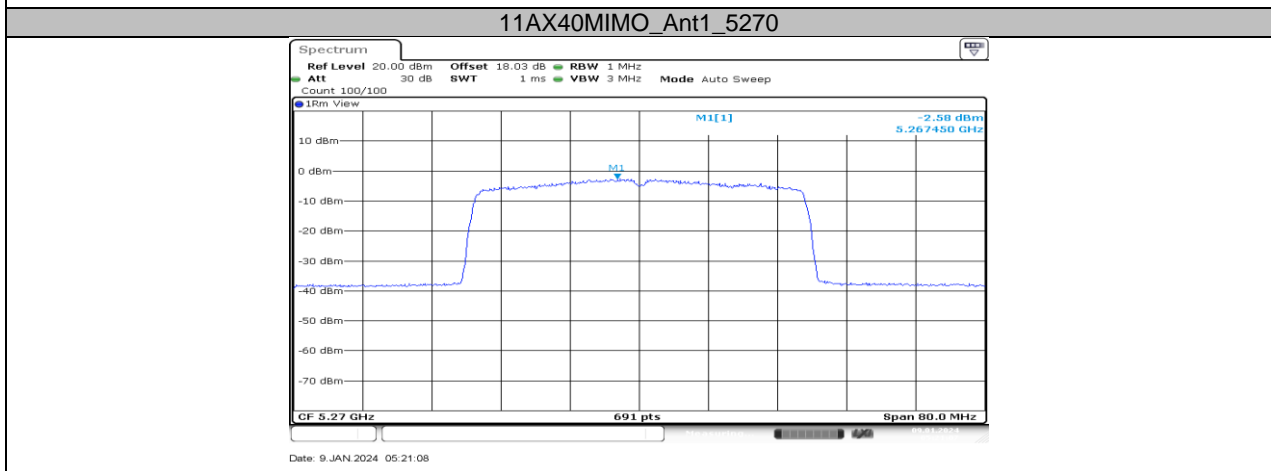
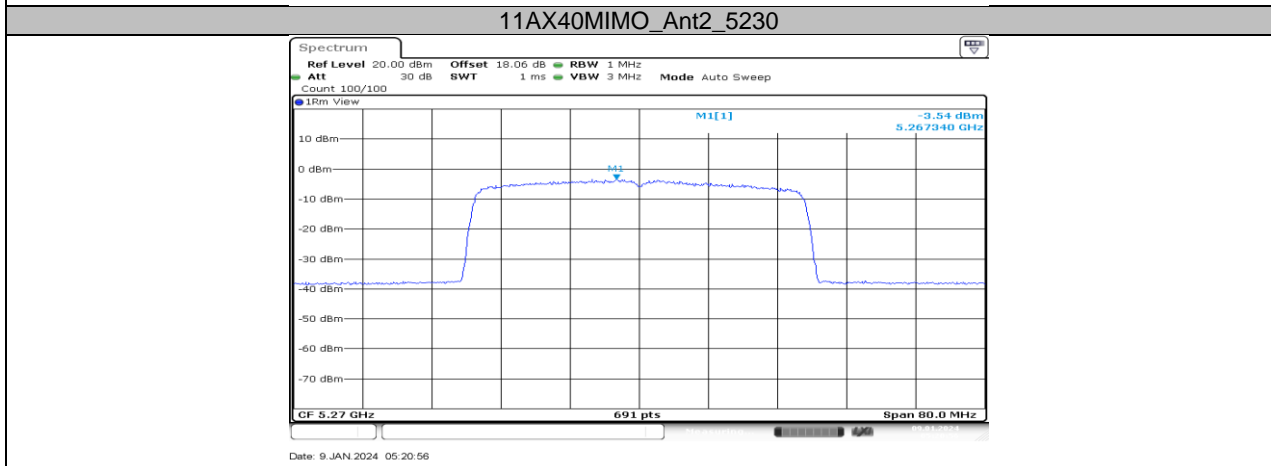
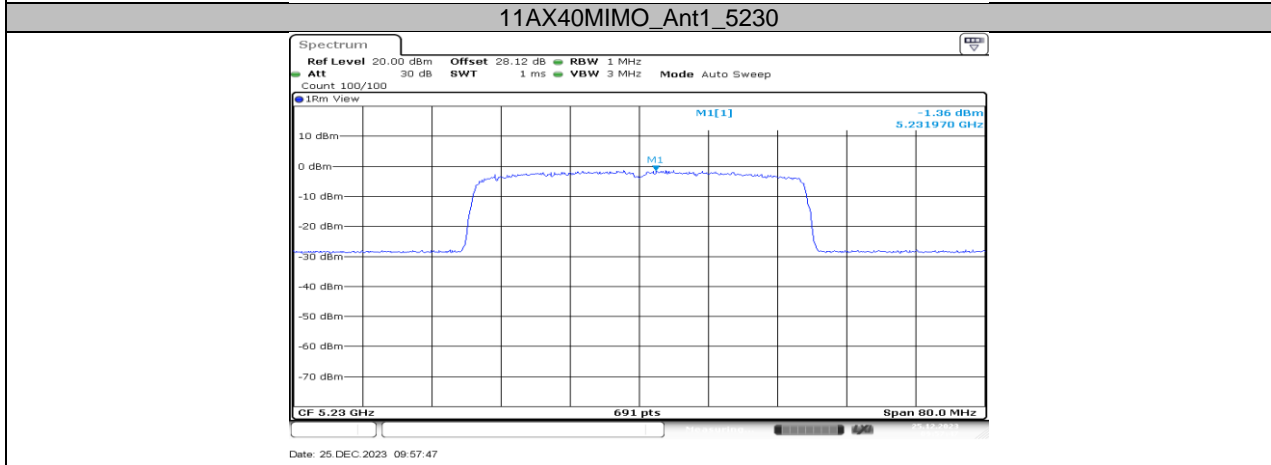
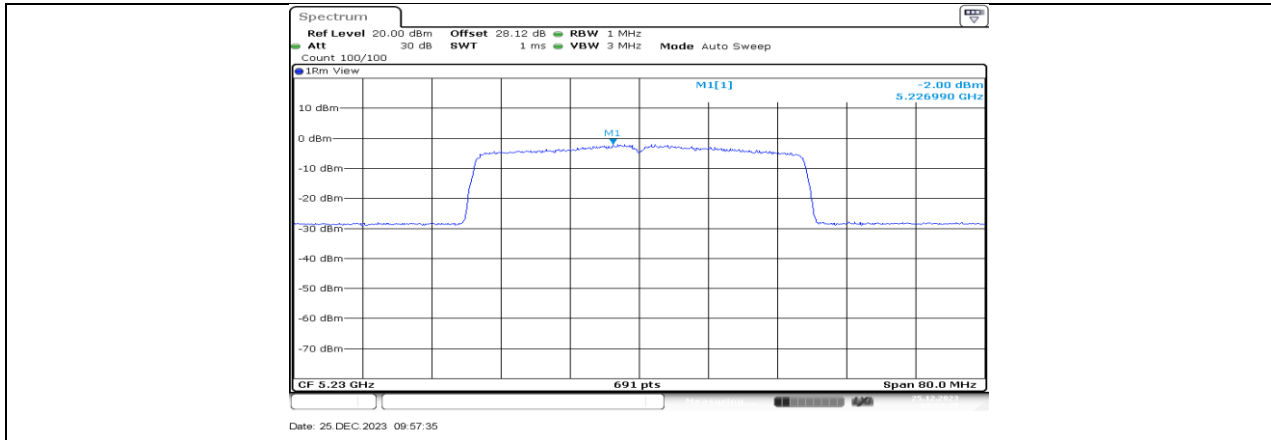
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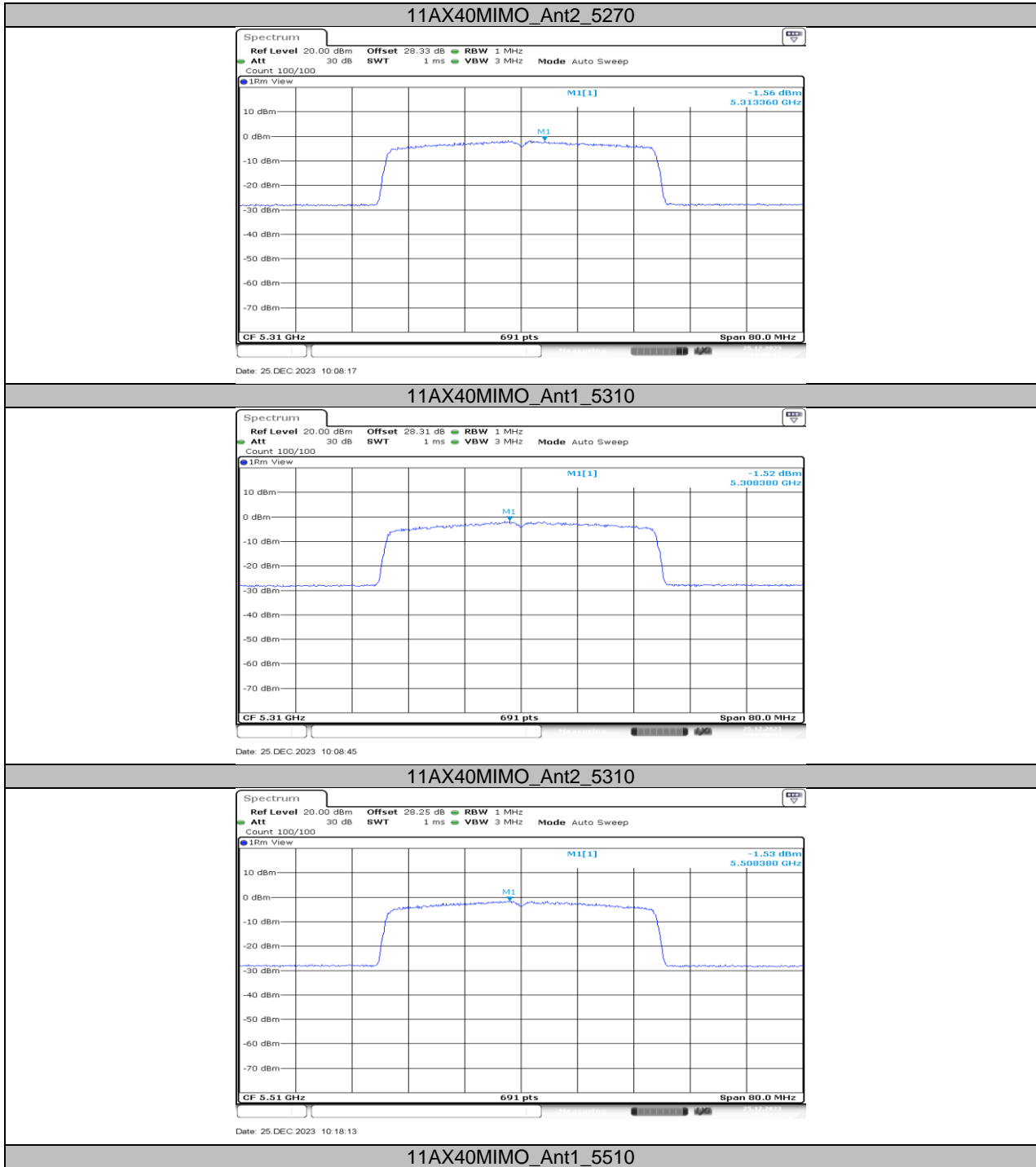


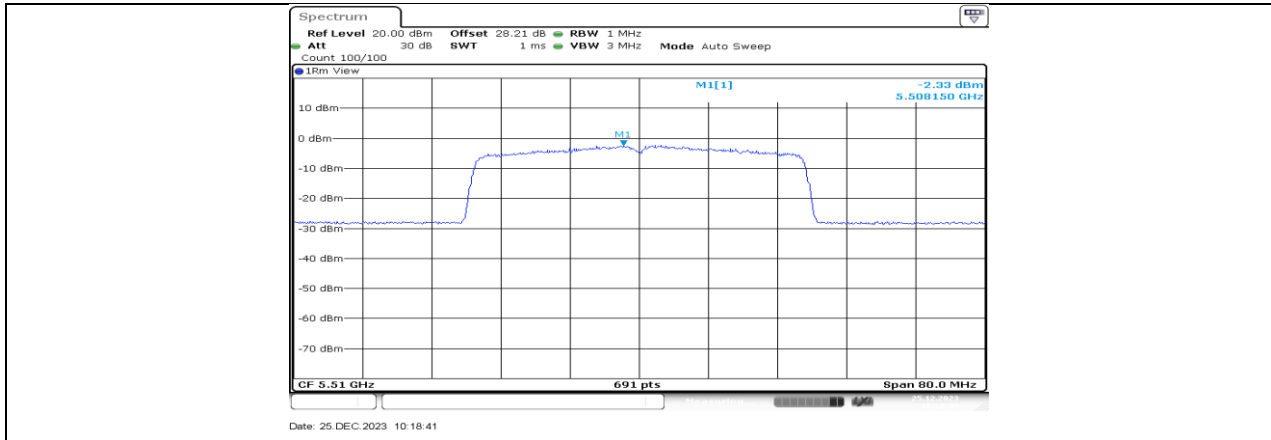




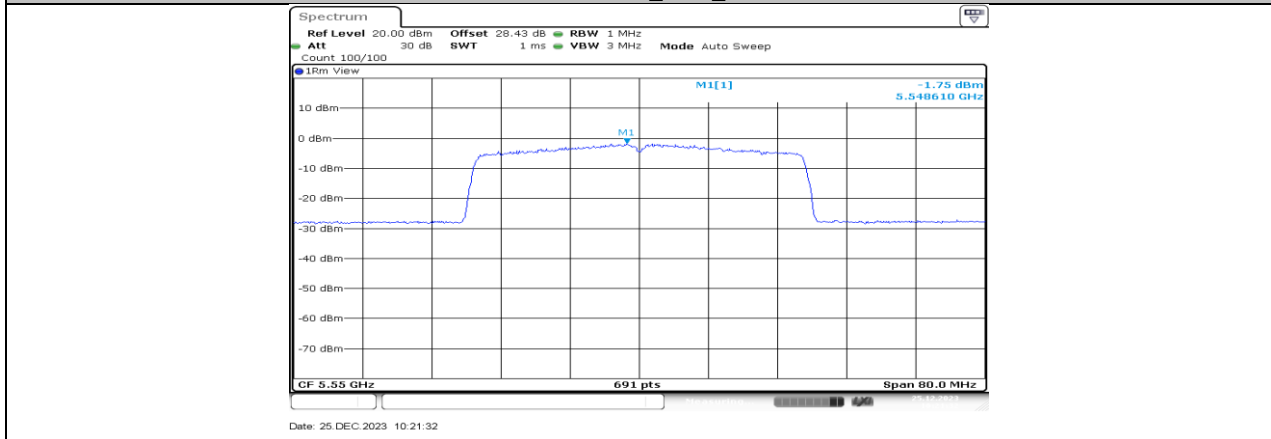




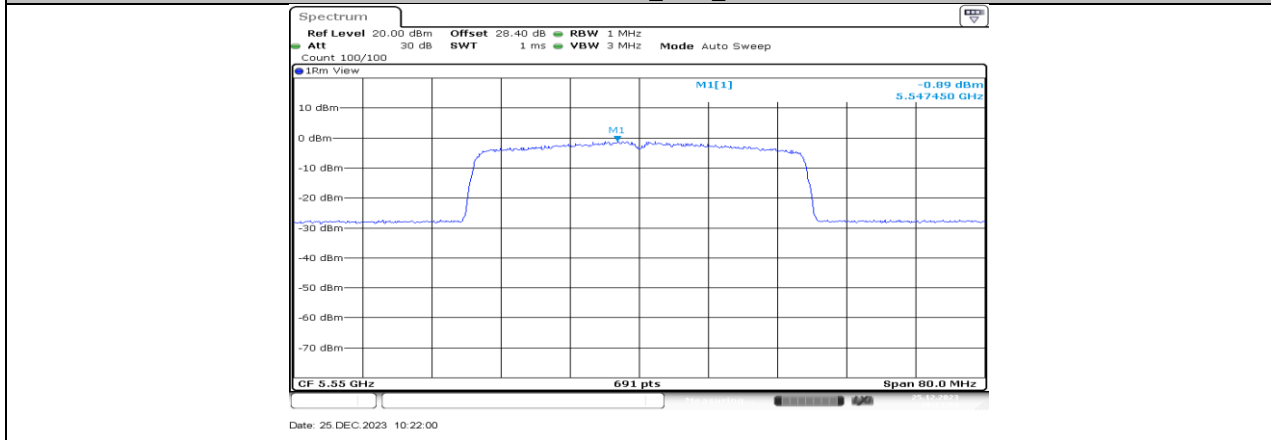




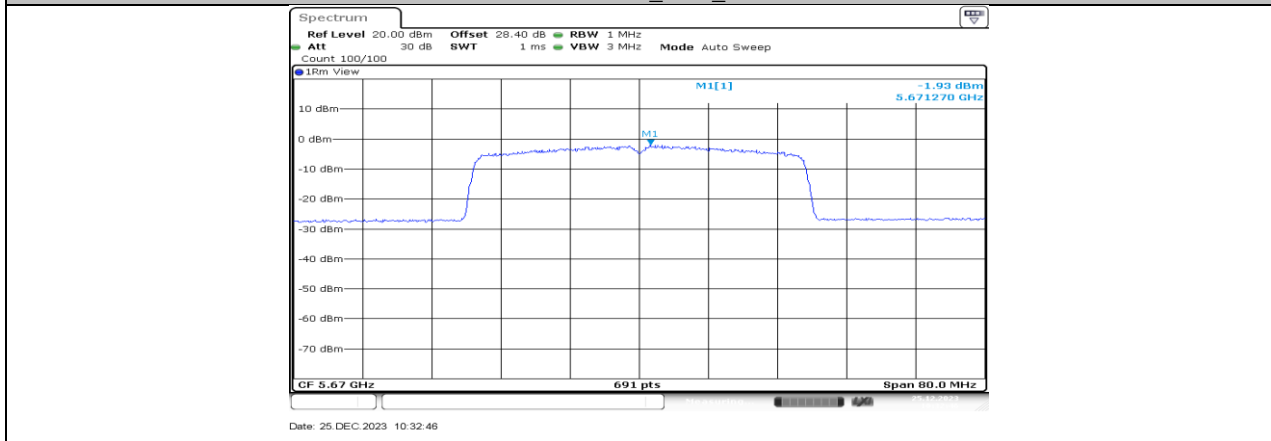
11AX40MIMO\_Ant2\_5510

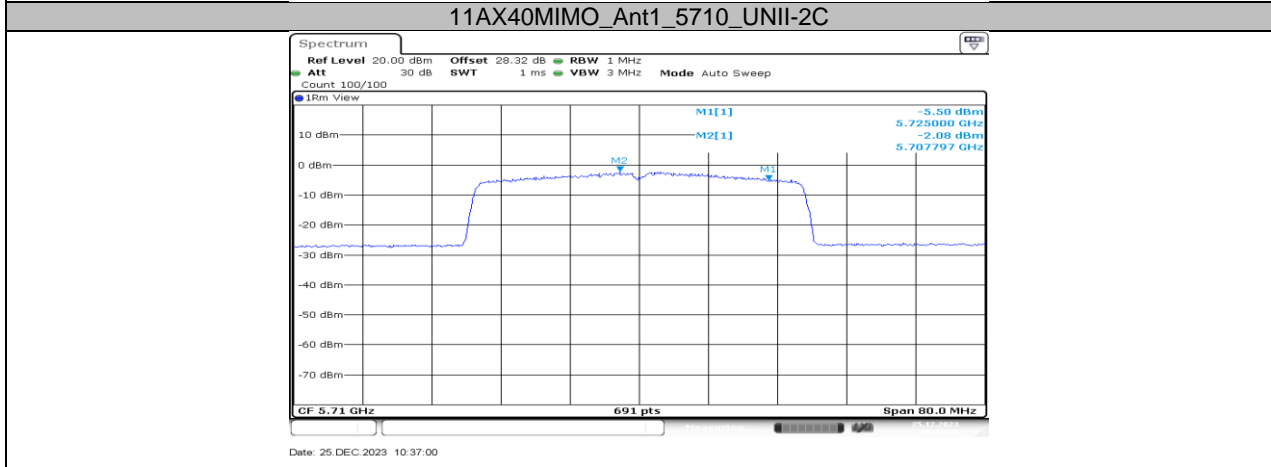
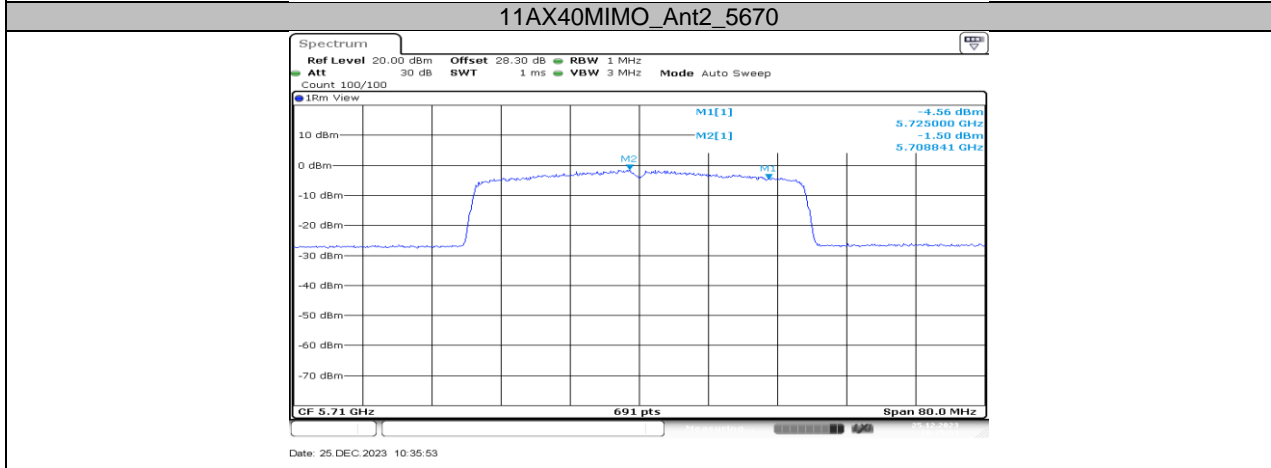
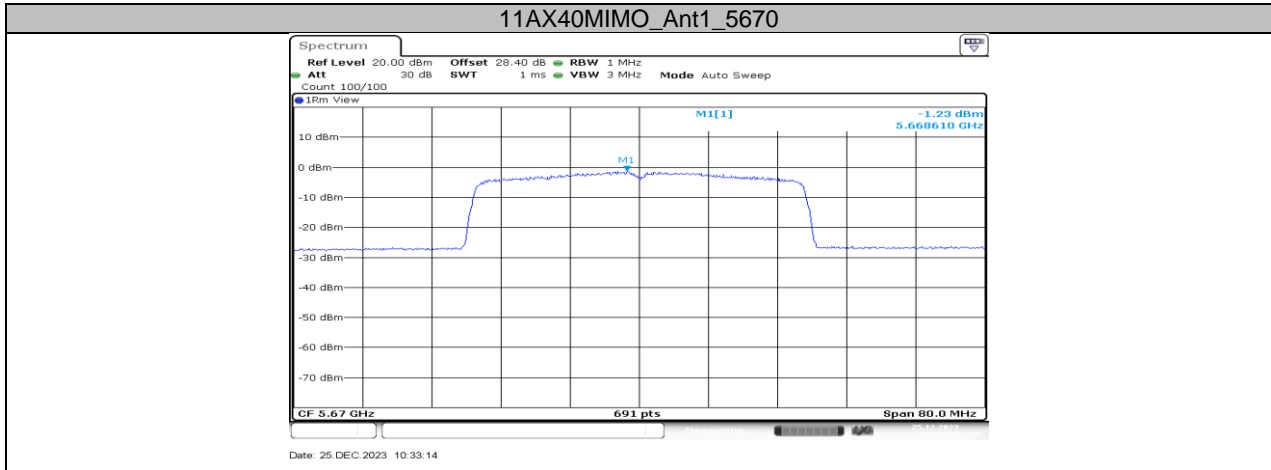


11AX40MIMO\_Ant1\_5550



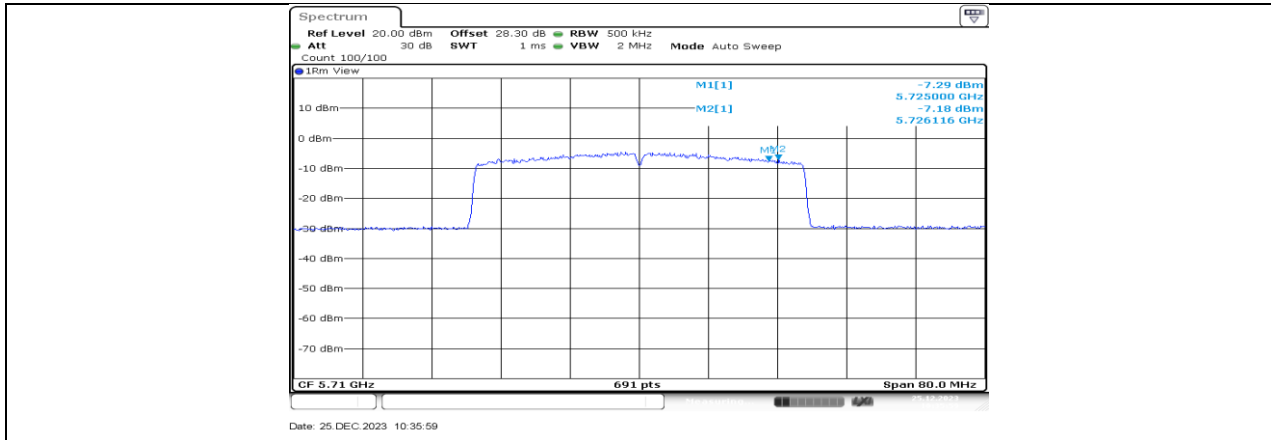
11AX40MIMO\_Ant2\_5550



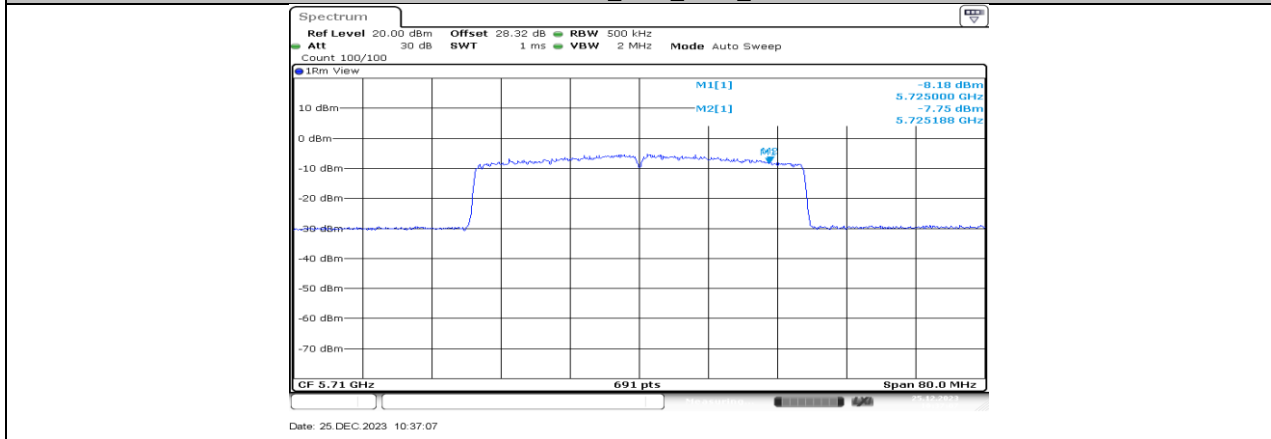


### 11AX40MIMO\_Ant2\_5710\_UNII-2C

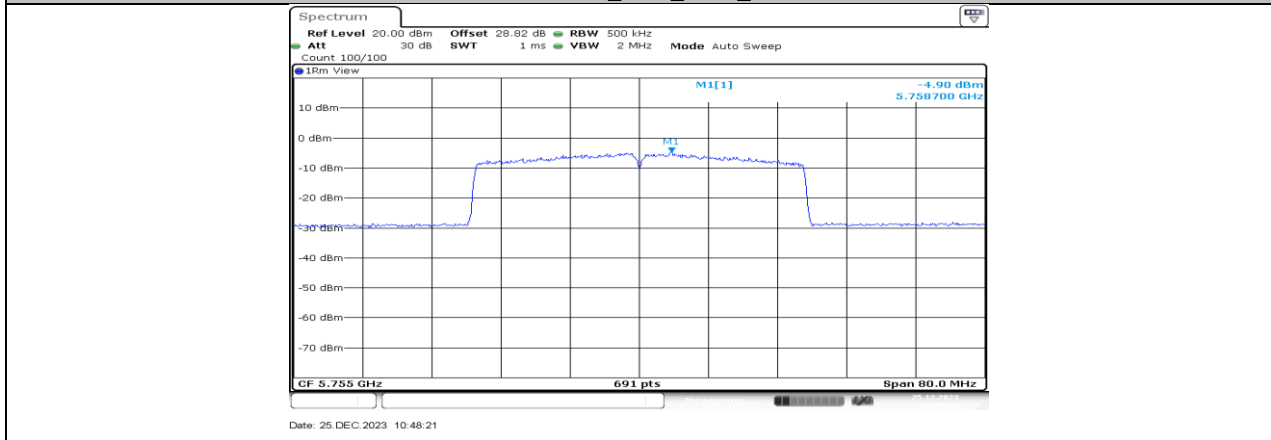




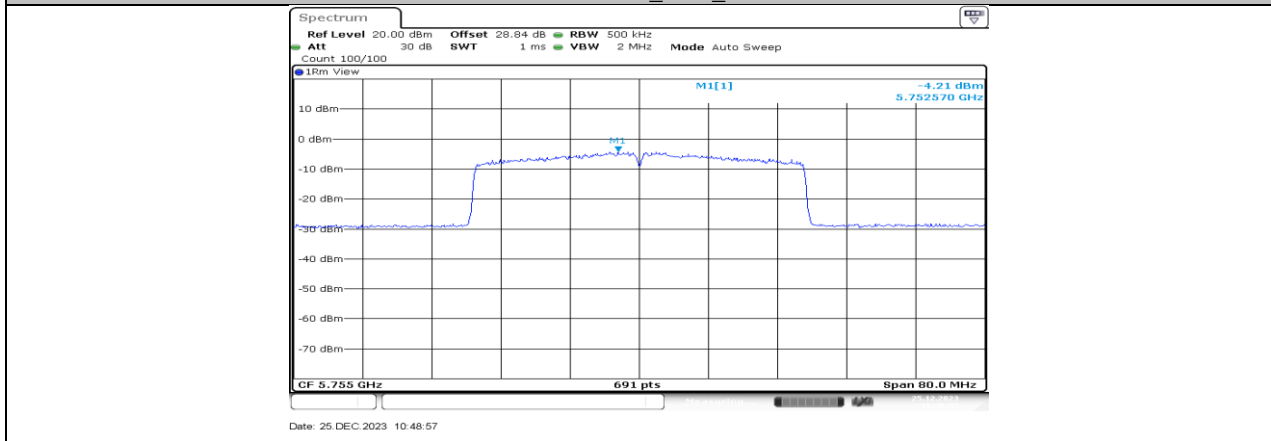
11AX40MIMO\_Ant1\_5710\_UNII-3

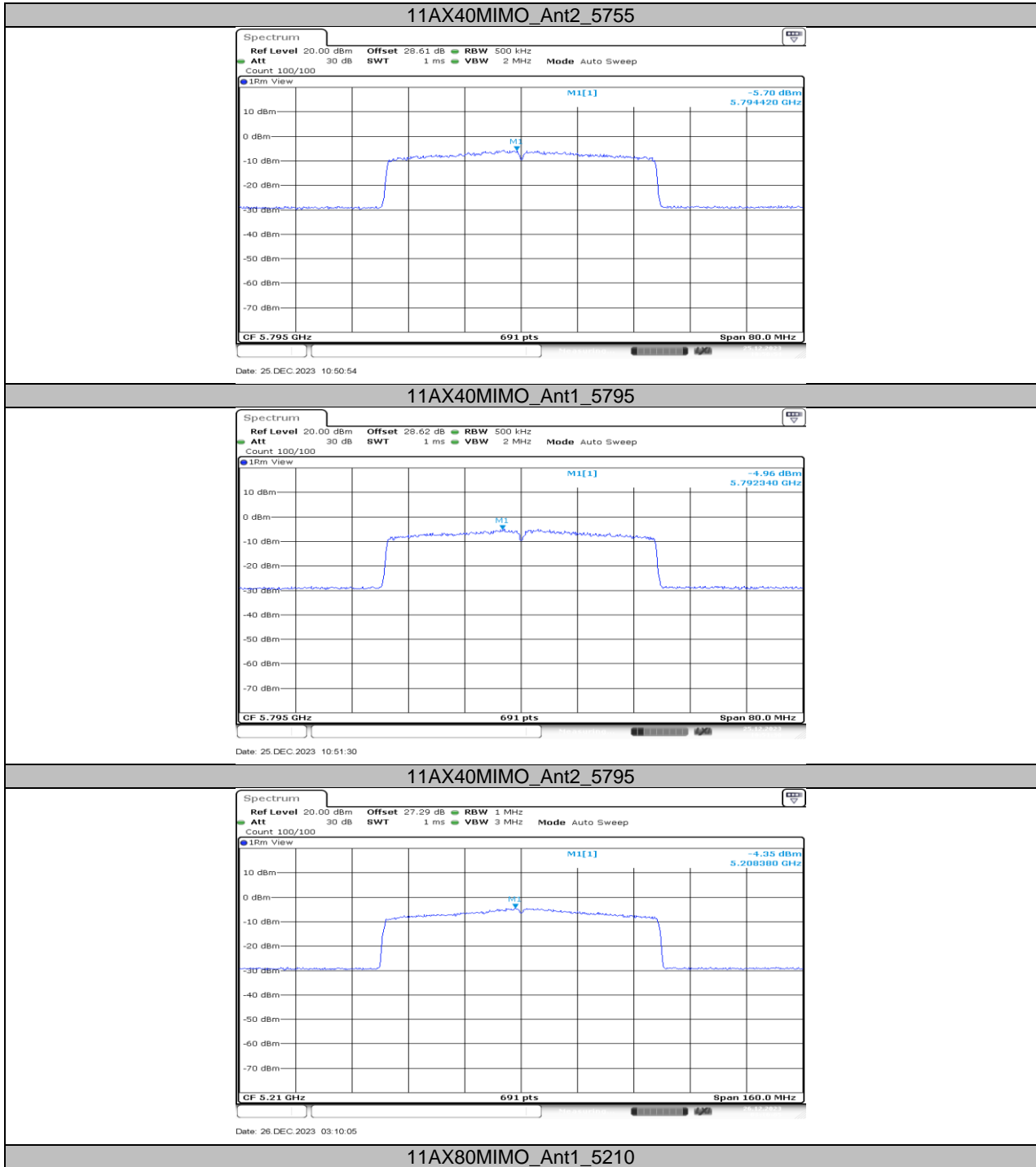


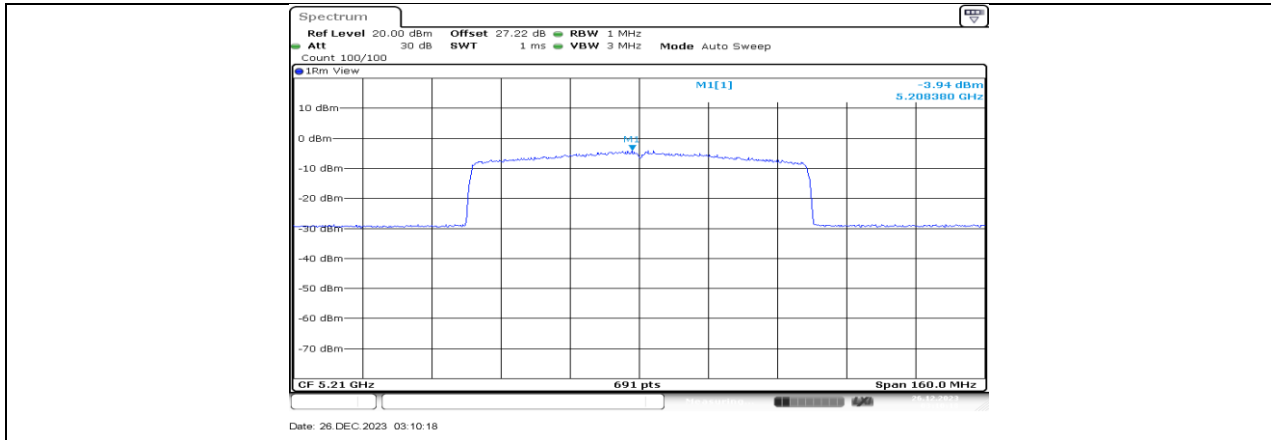
11AX40MIMO\_Ant2\_5710\_UNII-3



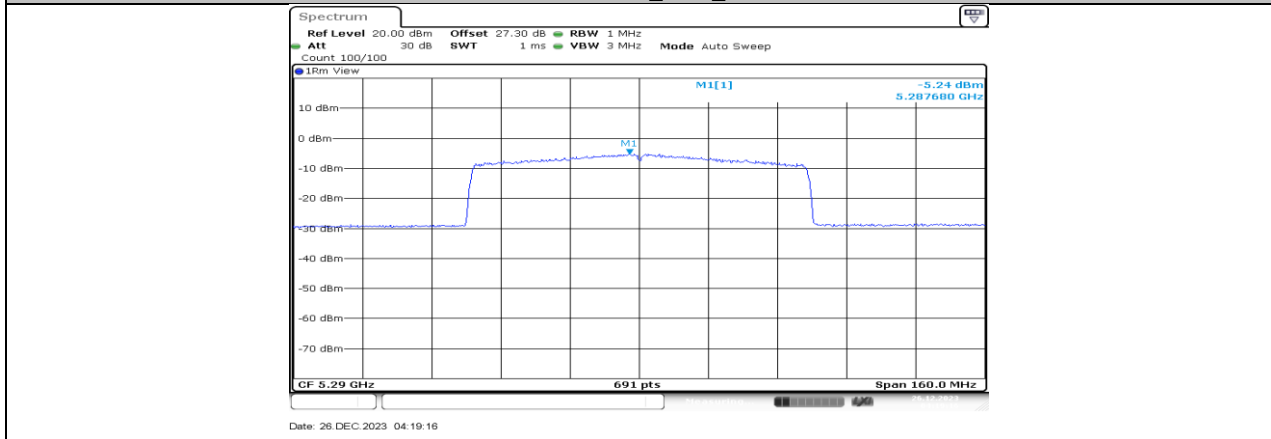
11AX40MIMO\_Ant1\_5755



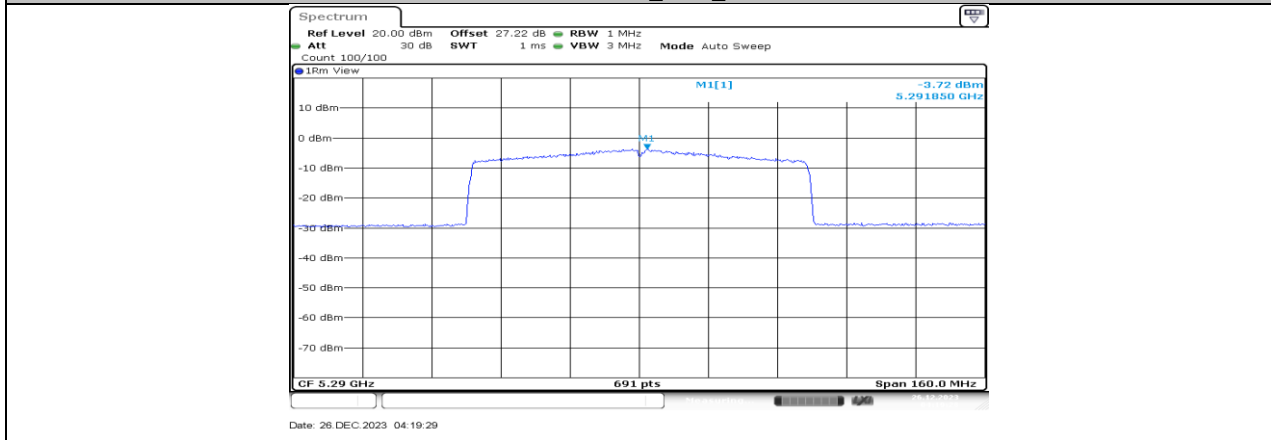




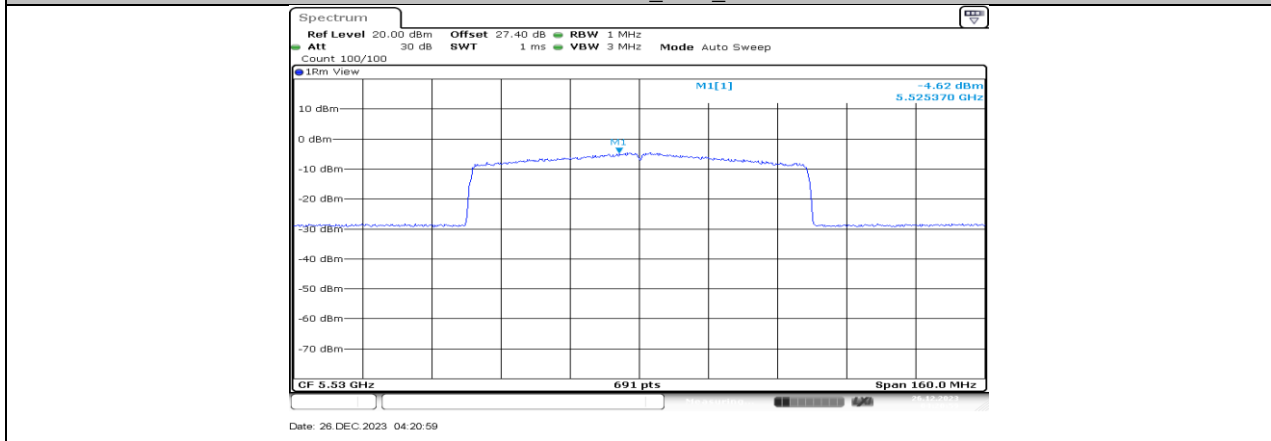
11AX80MIMO\_Ant2\_5210

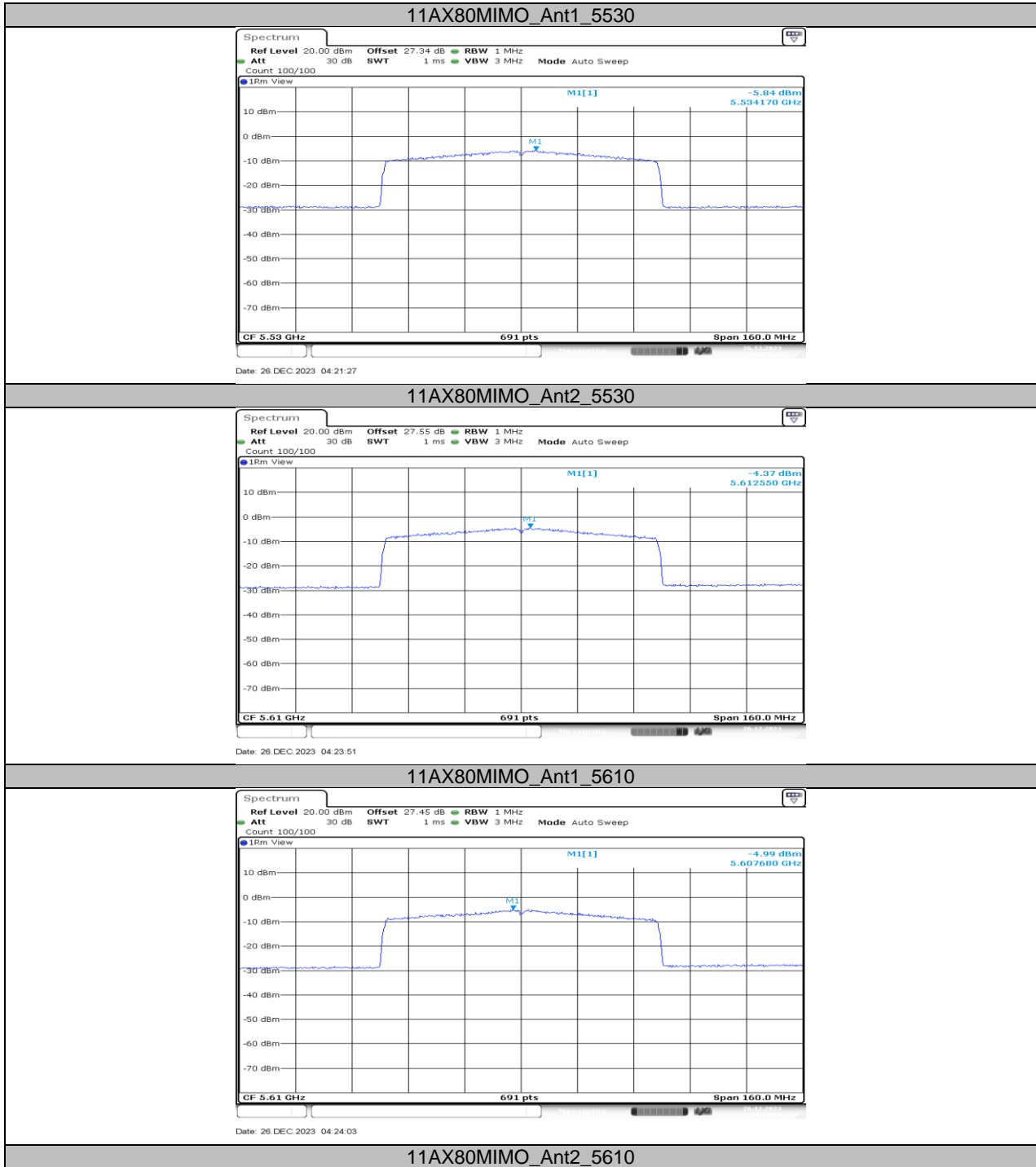


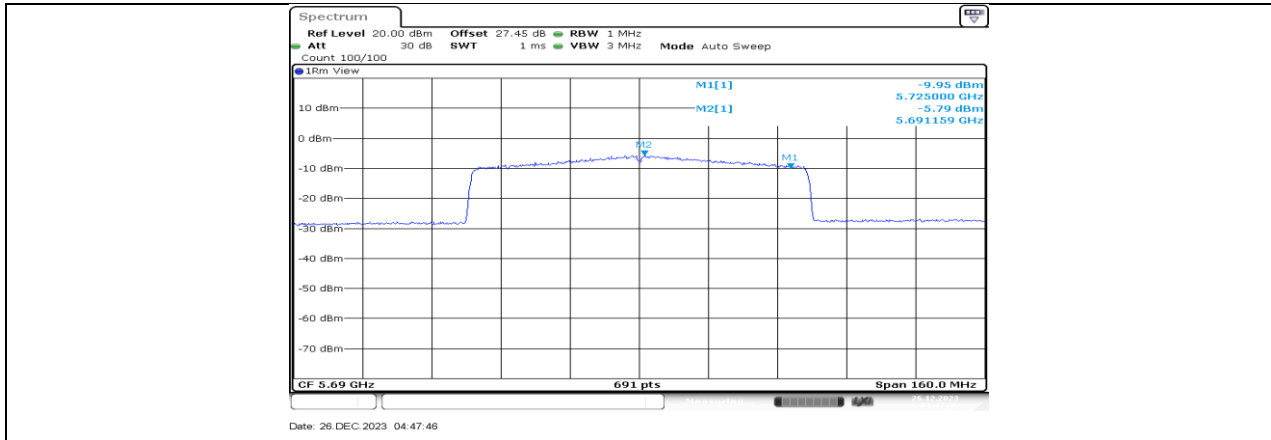
11AX80MIMO\_Ant1\_5290



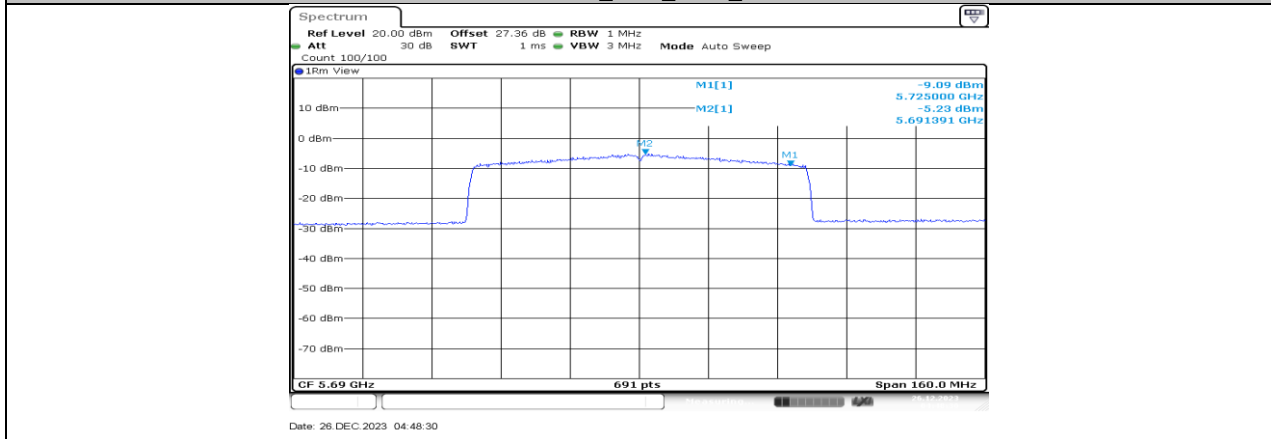
11AX80MIMO\_Ant2\_5290



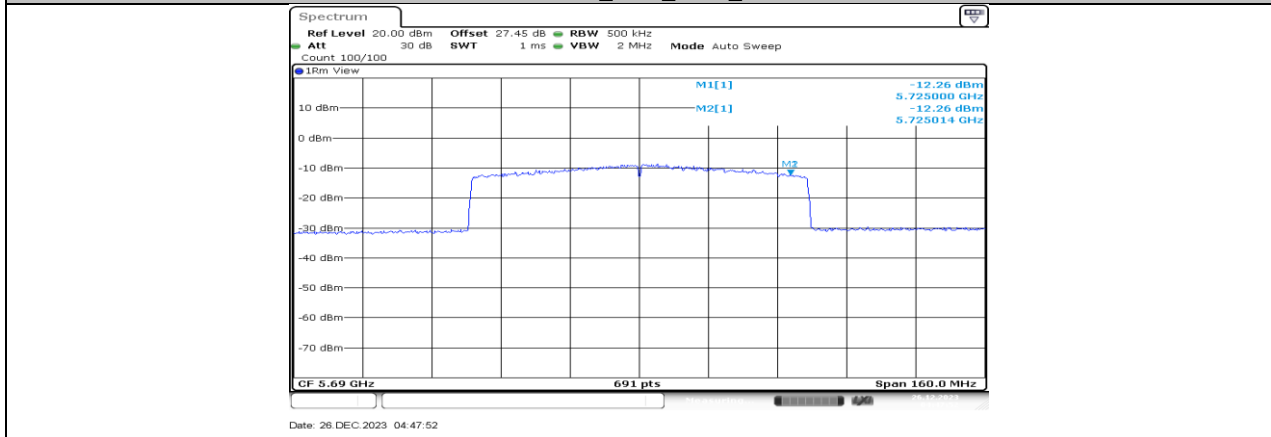




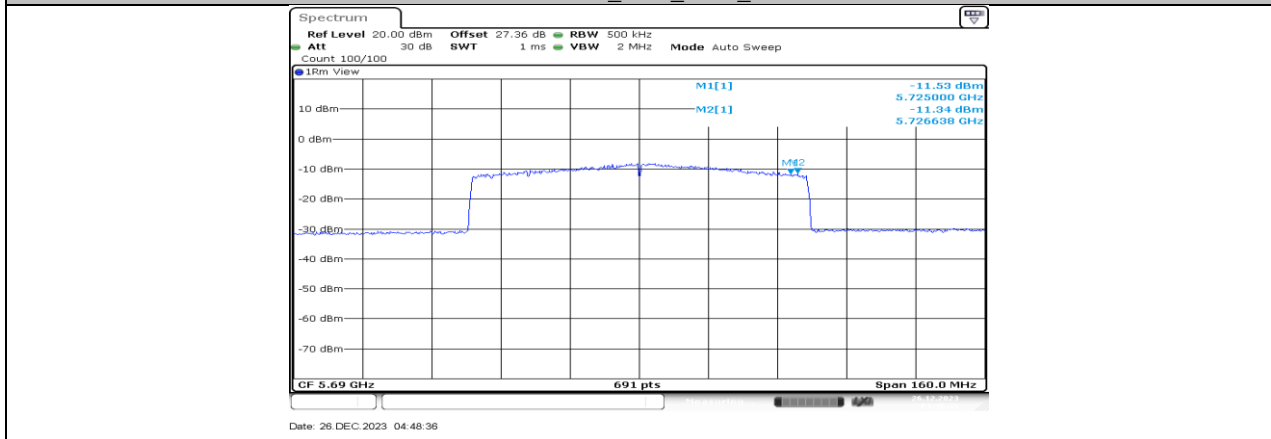
11AX80MIMO\_Ant1\_5690\_UNII-2C

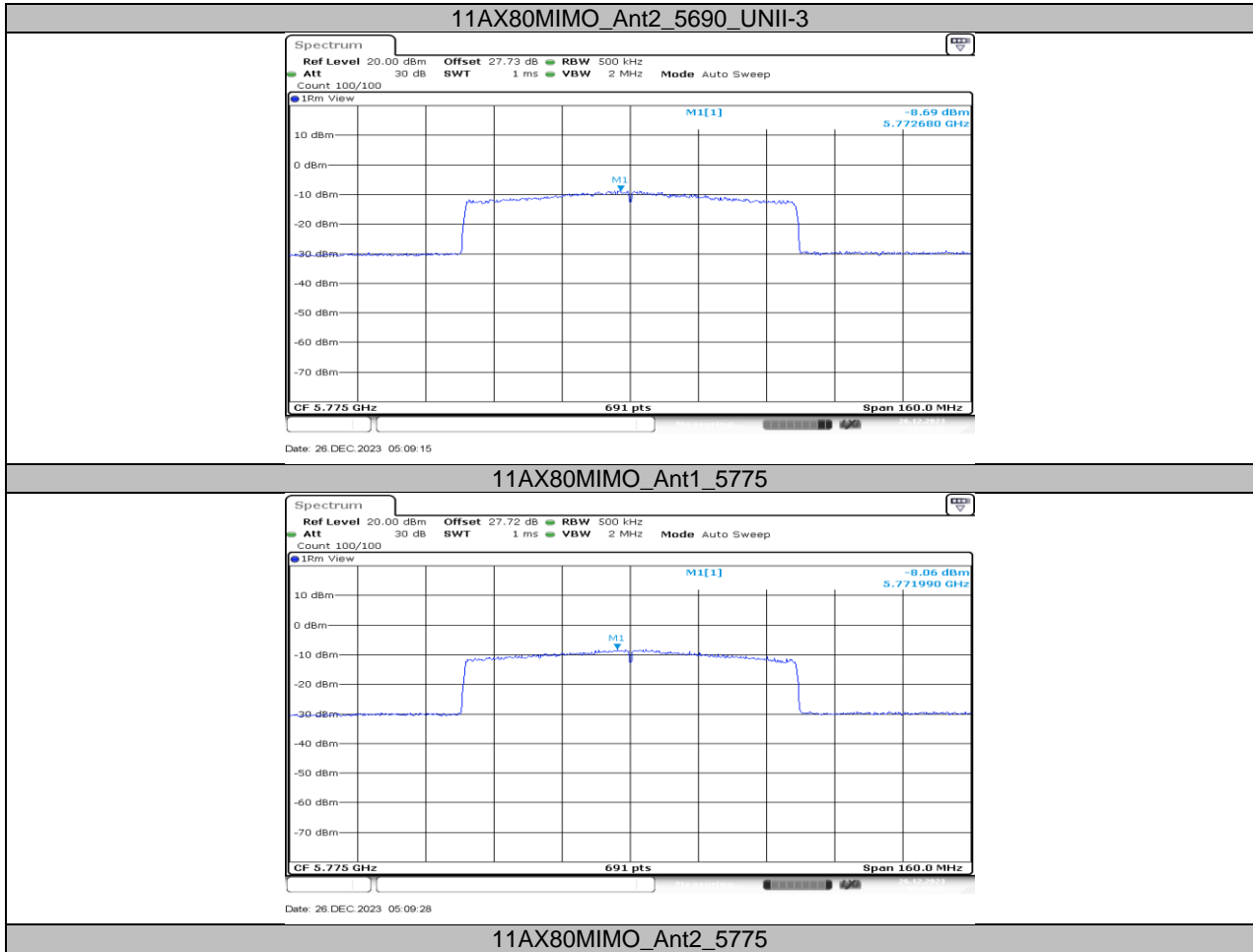


11AX80MIMO\_Ant2\_5690\_UNII-2C



11AX80MIMO\_Ant1\_5690\_UNII-3





## 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	5199.9875	-2.40	5199.9908	-1.77	5200.0152	2.93	5199.9815	-3.56
TN	VN	5199.9986	-0.26	5200.0244	4.68	5199.9890	-2.11	5199.9809	-3.68
TN	VH	5199.9753	-4.74	5199.9802	-3.81	5199.9972	-0.55	5200.0213	4.10

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	5199.9956	-0.84	5200.0232	4.47	5199.9950	-0.96	5200.0043	0.83
60	VN	5200.0016	0.31	5200.0111	2.14	5199.9794	-3.96	5200.0163	3.13
50	VN	5199.9752	-4.78	5200.0161	3.10	5199.9858	-2.74	5199.9817	-3.51
40	VN	5199.9943	-1.10	5199.9789	-4.07	5200.0200	3.84	5199.9785	-4.14
30	VN	5200.0114	2.20	5200.0143	2.74	5199.9907	-1.80	5200.0088	1.69
20	VN	5200.0196	3.78	5200.0118	2.26	5200.0182	3.50	5199.9973	-0.52
10	VN	5199.9999	-0.02	5200.0048	0.92	5200.0088	1.70	5199.9917	-1.59
0	VN	5200.0197	3.78	5199.9874	-2.42	5199.9877	-2.37	5200.0231	4.45

**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	2.02	0.6881	68.81	1.62	0.72	1
11N20MIMO	0.36	0.94	0.3830	38.30	4.17	2.78	3
11N40MIMO	0.65	1.25	0.5200	52.00	2.84	1.54	2
11AC80MIMO	0.33	0.96	0.3438	34.38	4.64	3.03	4
11AX20MIMO	1.01	1.63	0.6196	61.96	2.08	0.99	1
11AX40MIMO	0.54	1.16	0.4655	46.55	3.32	1.85	2
11AX80MIMO	0.97	1.69	0.5740	57.40	2.41	1.03	2

Note:

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

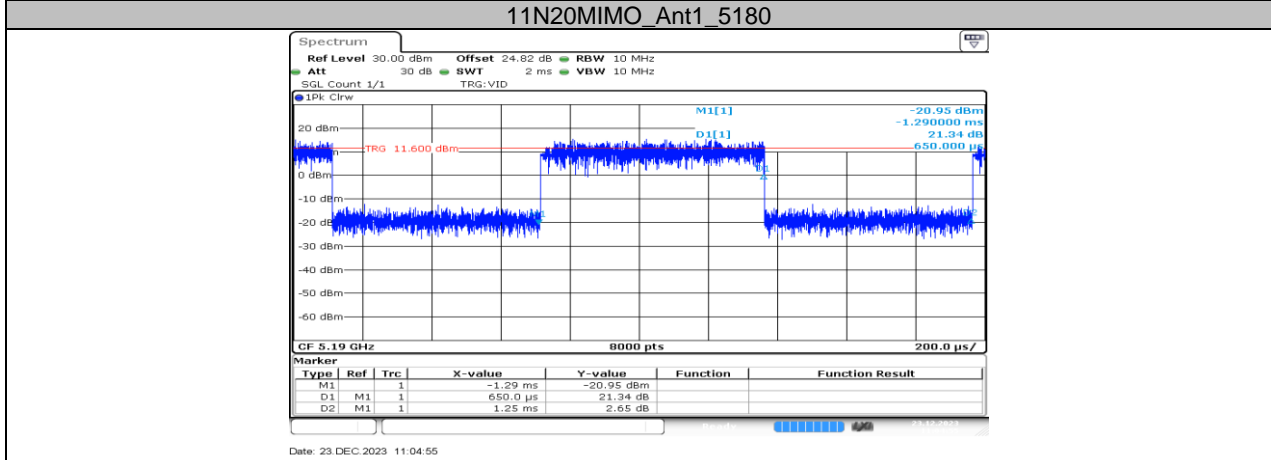
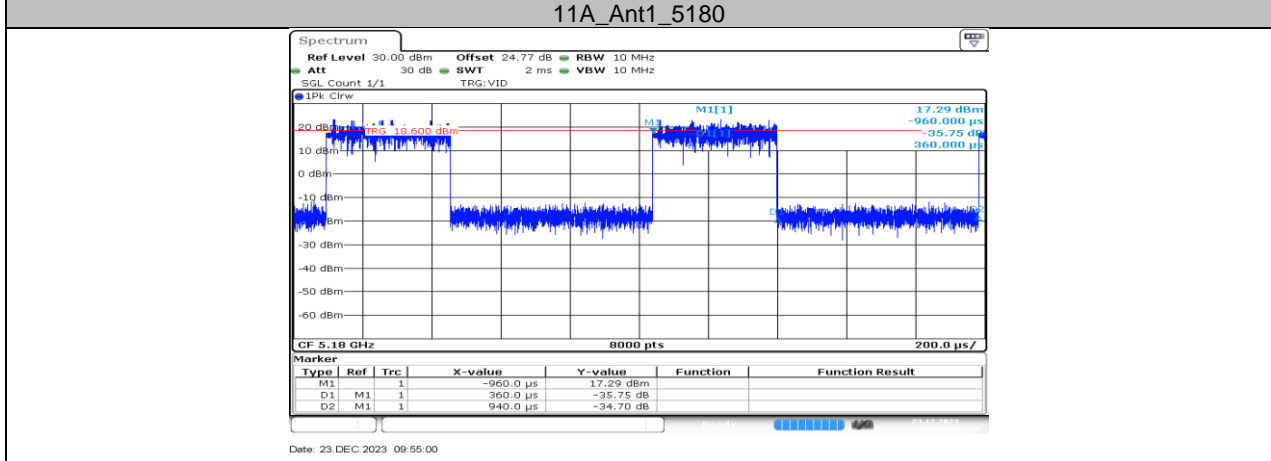
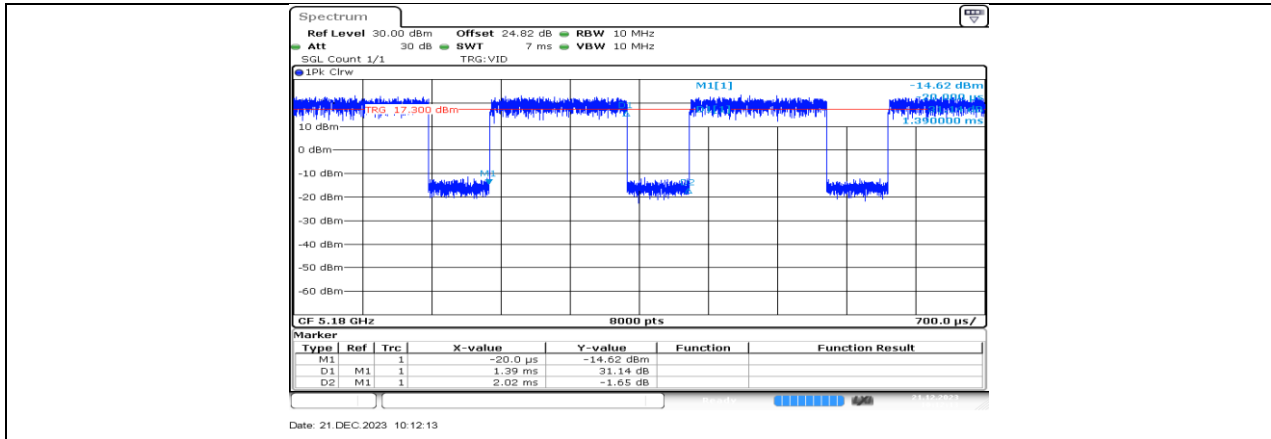
Where: x is Duty Cycle (Linear)

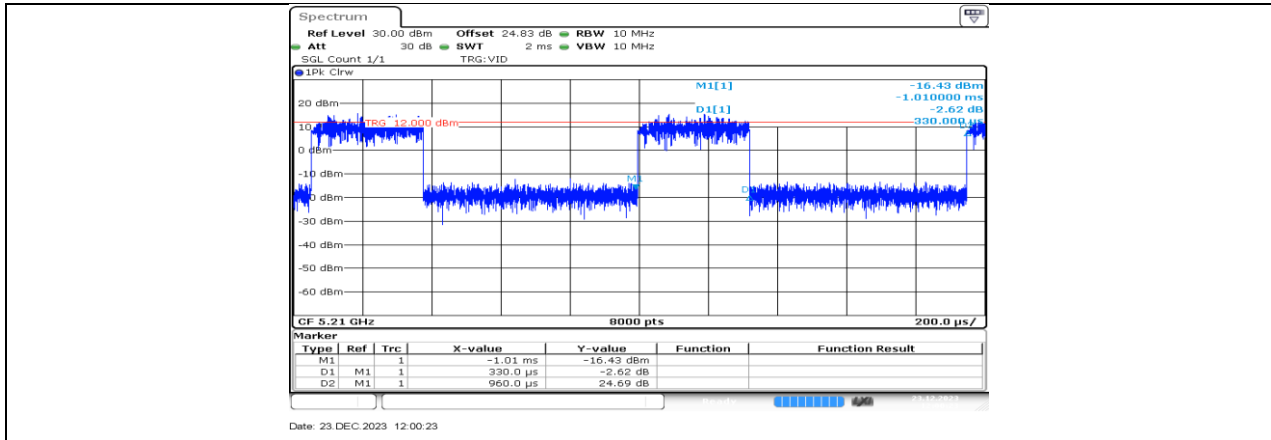
Where: T is On Time

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

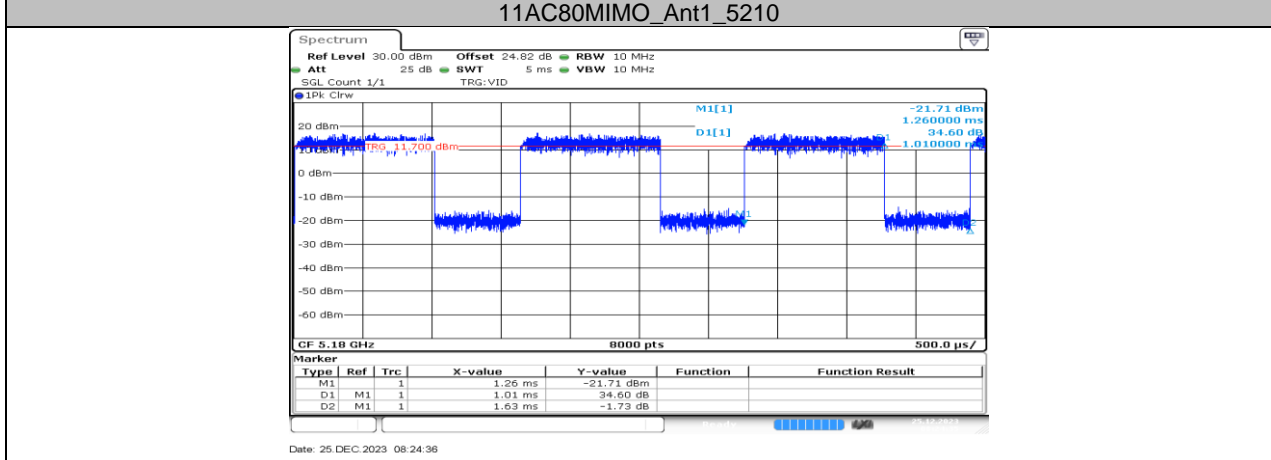


### 11.7.2. Test Graphs

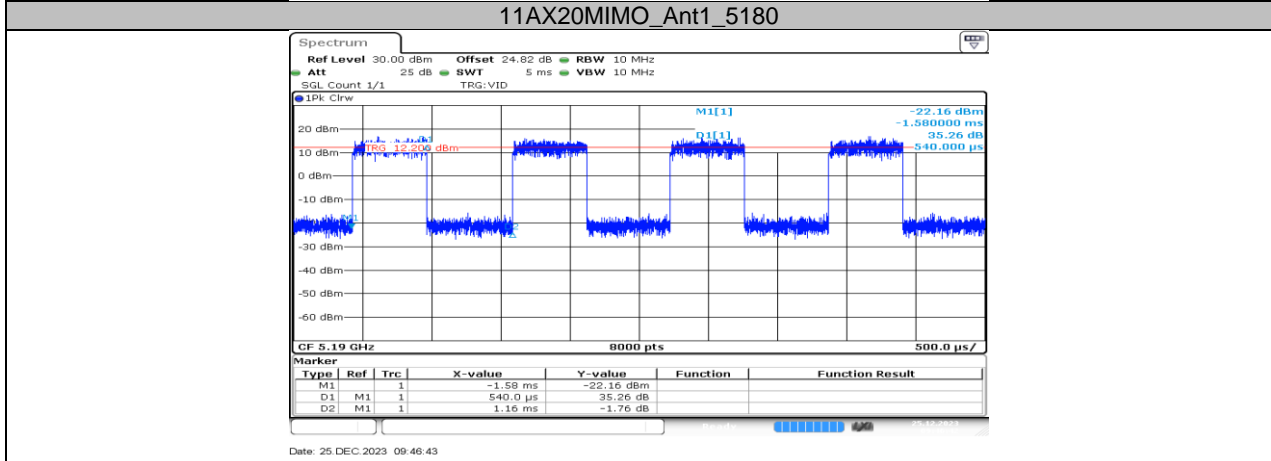




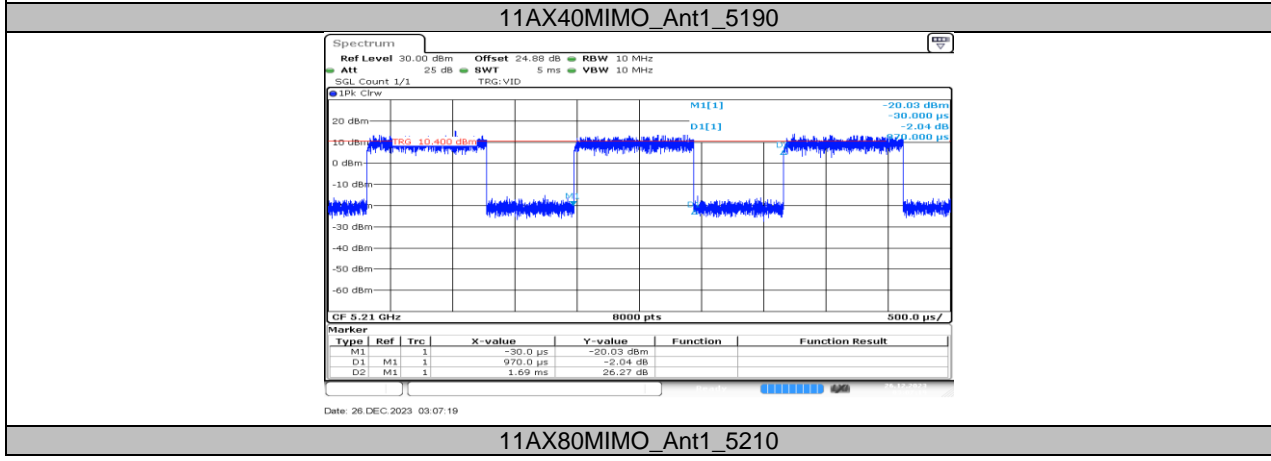
Date: 23.DEC.2023 12:00:23



Date: 25.DEC.2023 08:24:36



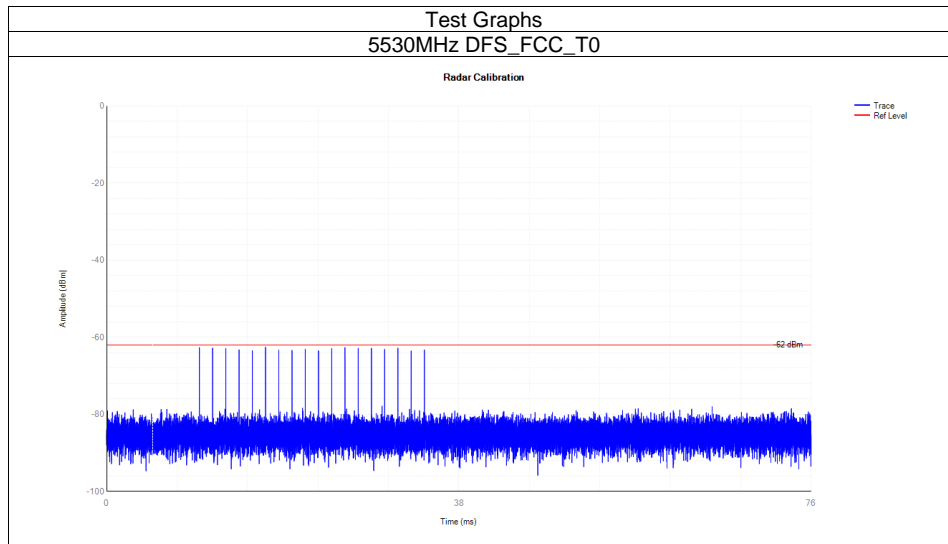
Date: 25.DEC.2023 09:46:43



Date: 26.DEC.2023 03:07:19

### 11.8. APPENDIX H: CALIBRATION

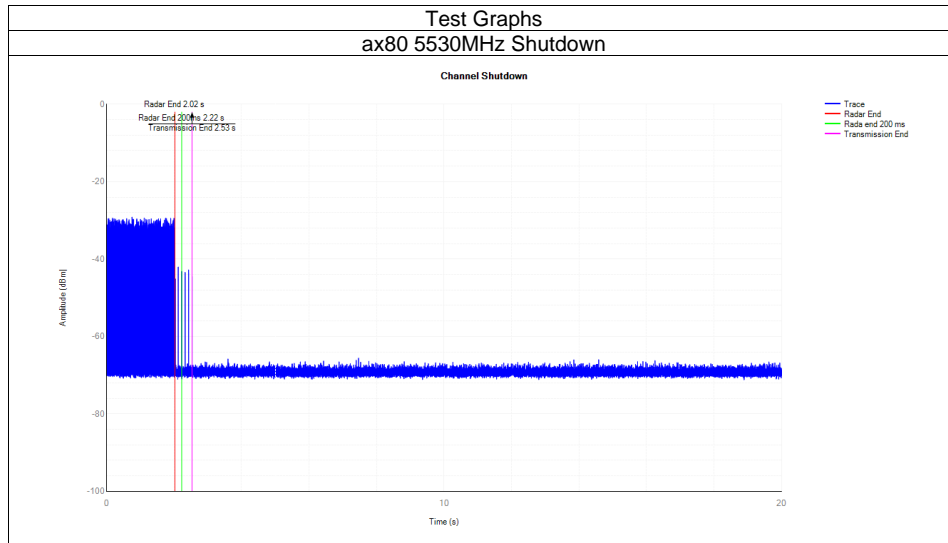
Mode	Frequency (MHz)	Type	Result	Verdict
ax80	5530	DFS_FCC_T0	See test Graph	Pass



### 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	0.508	10	0.011	0.26	0.007	0.06	Pass

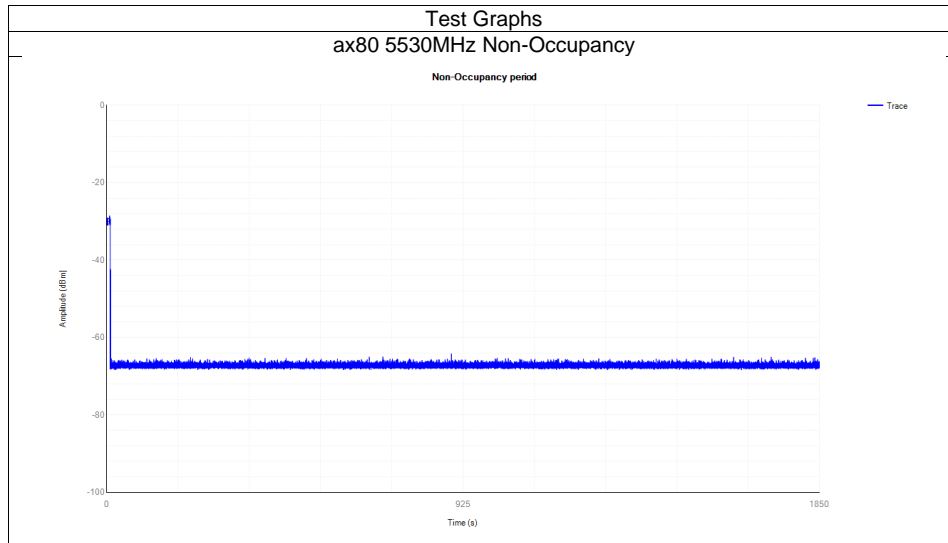
Note: refer to KDB 905462 D02 table 2, this report only records the widest BW mode test data.



### 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.



**END OF REPORT**