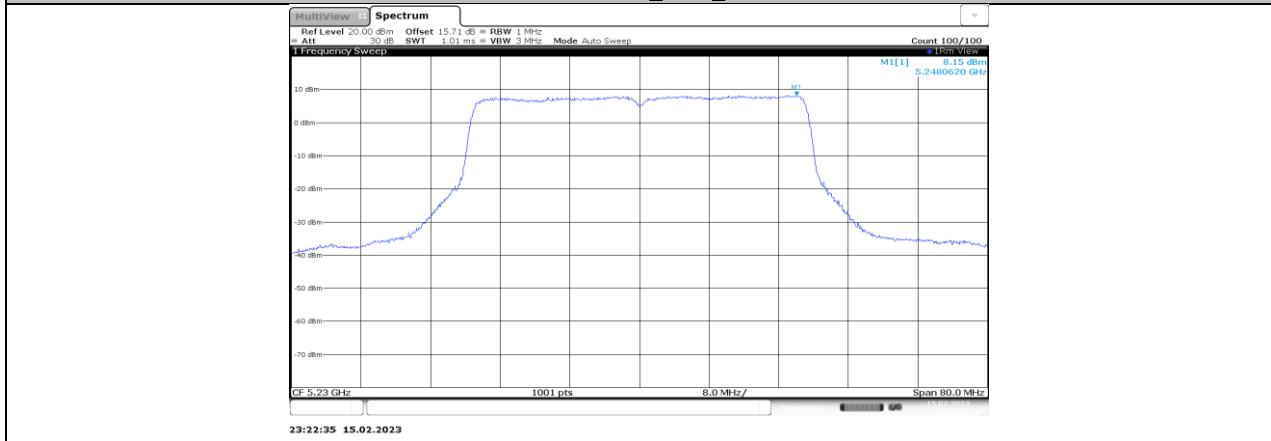
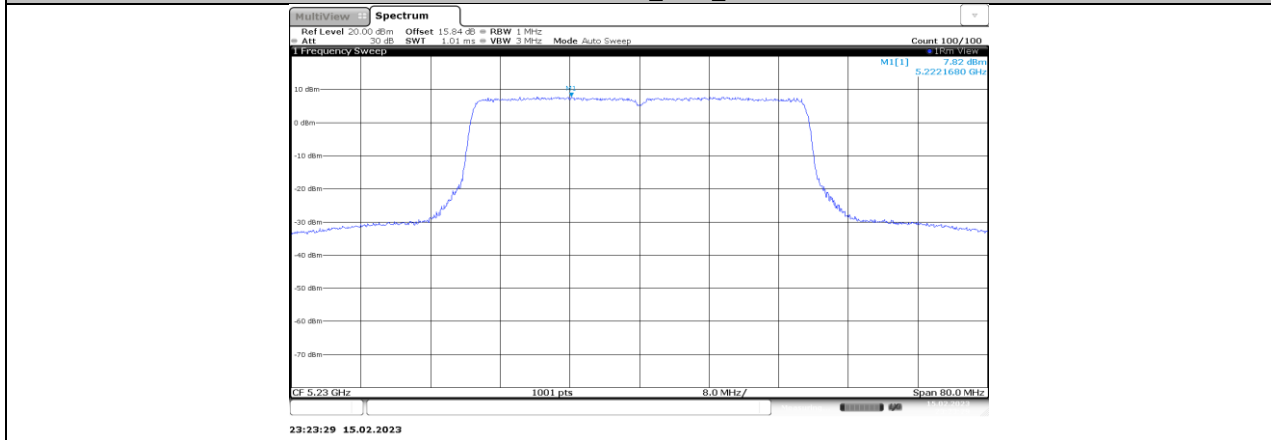


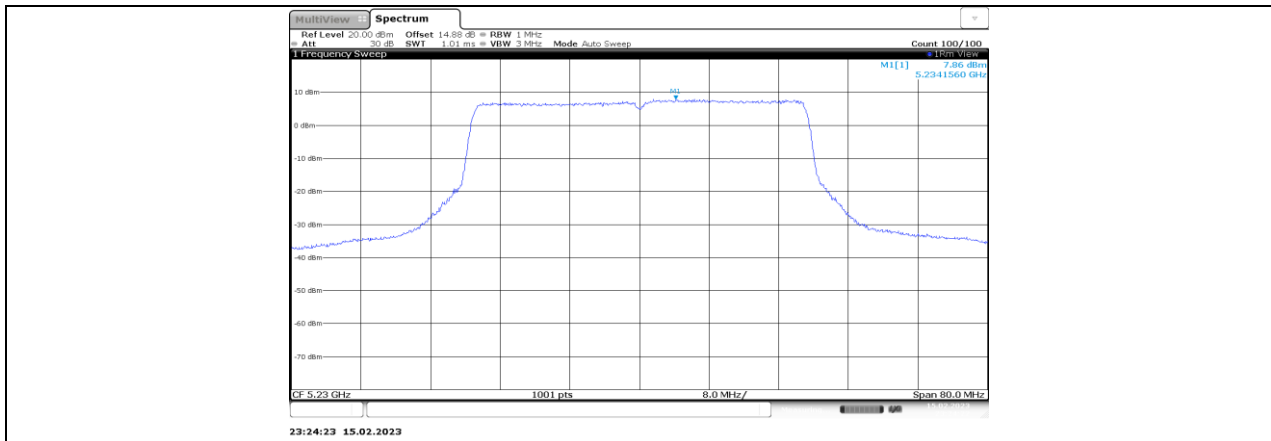
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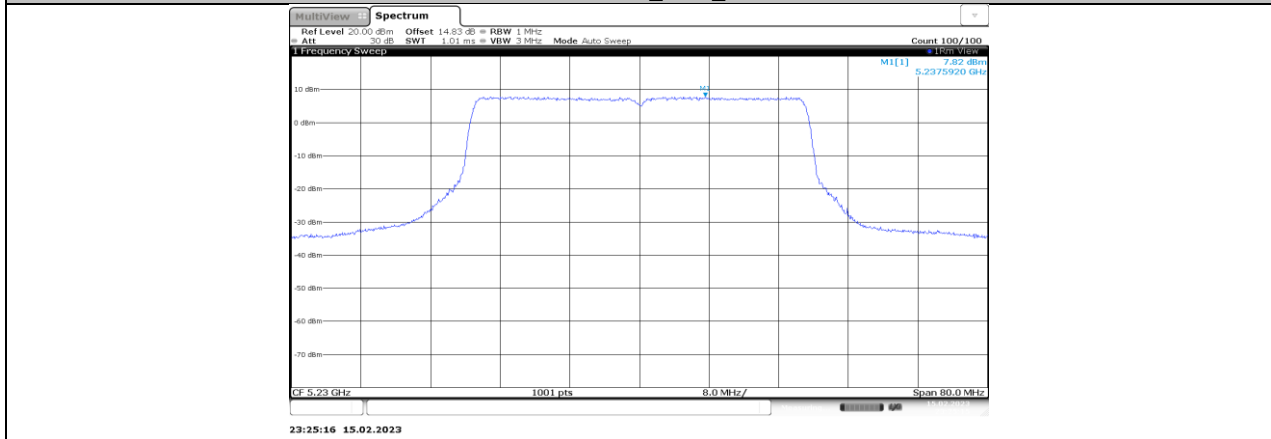
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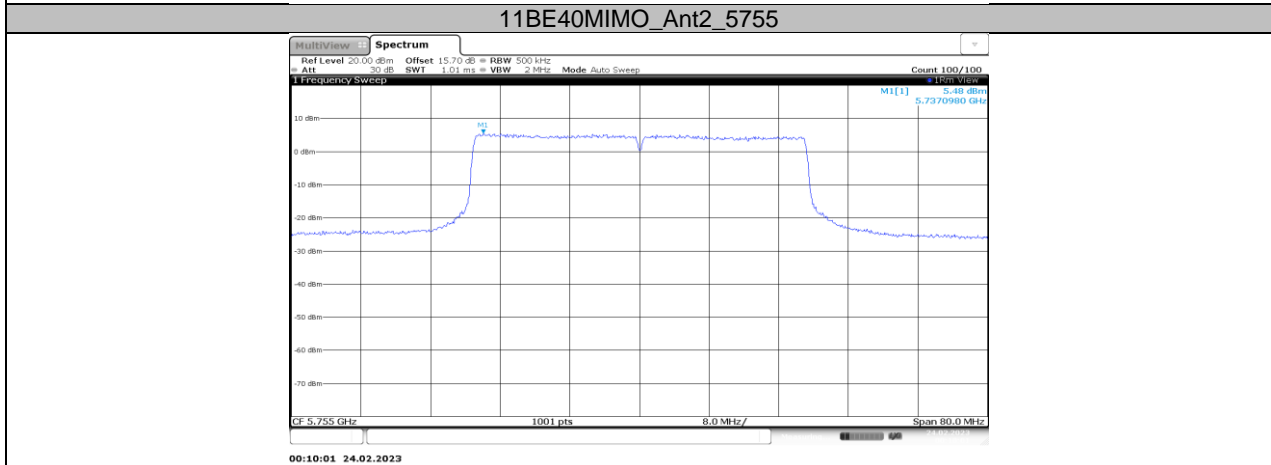
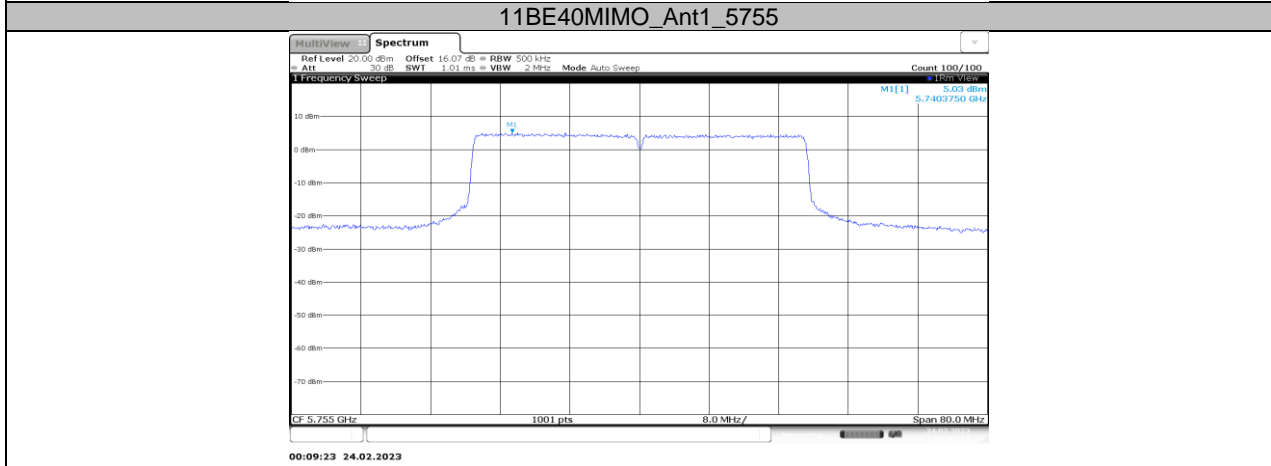
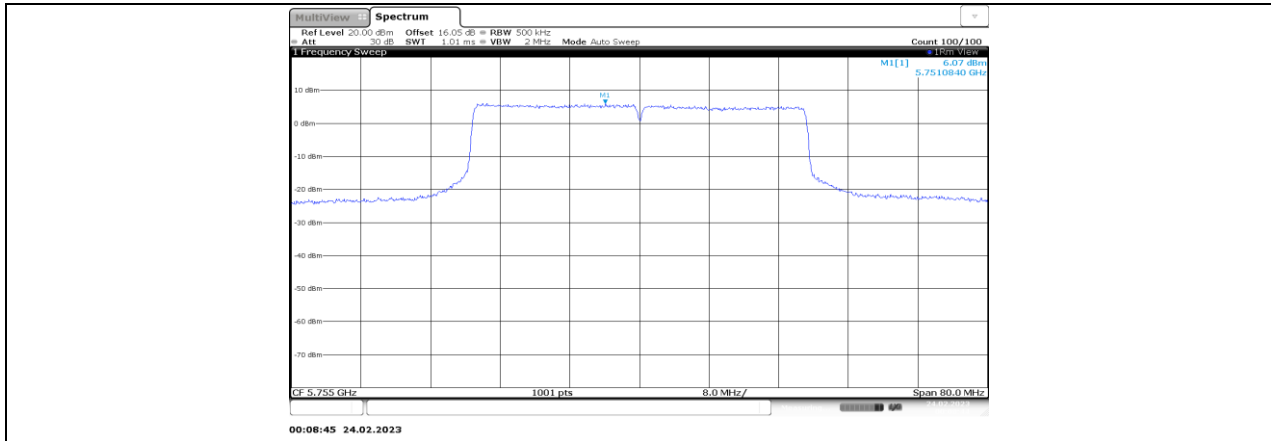
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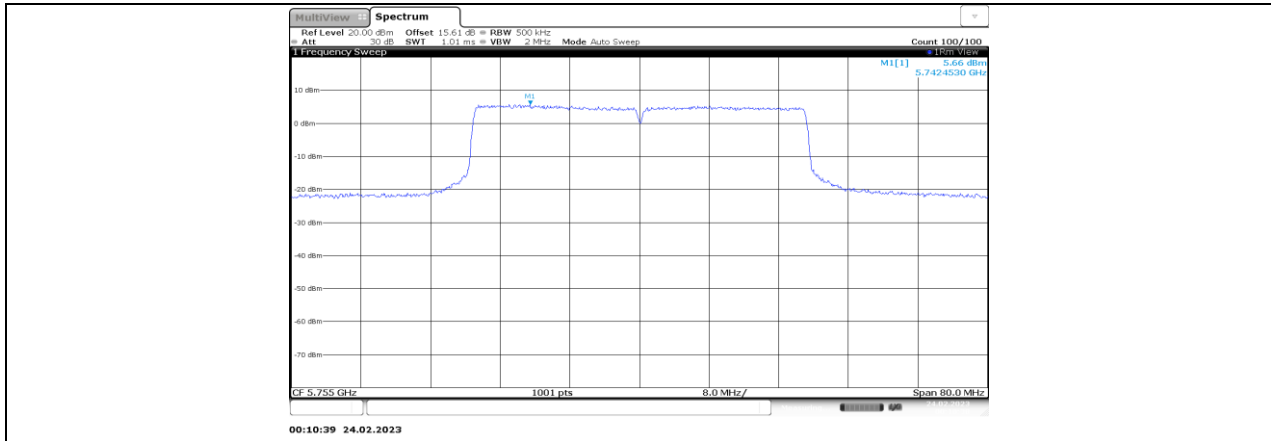


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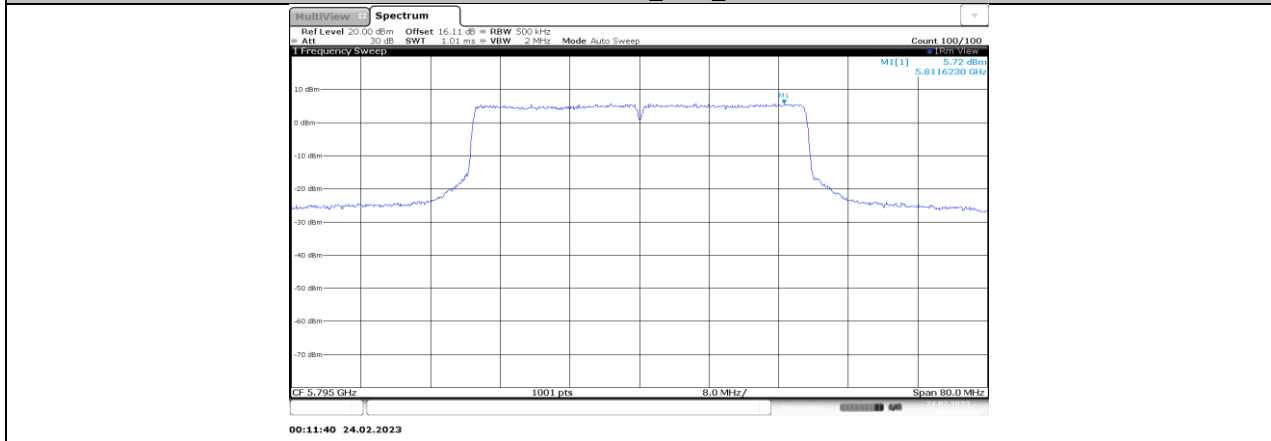


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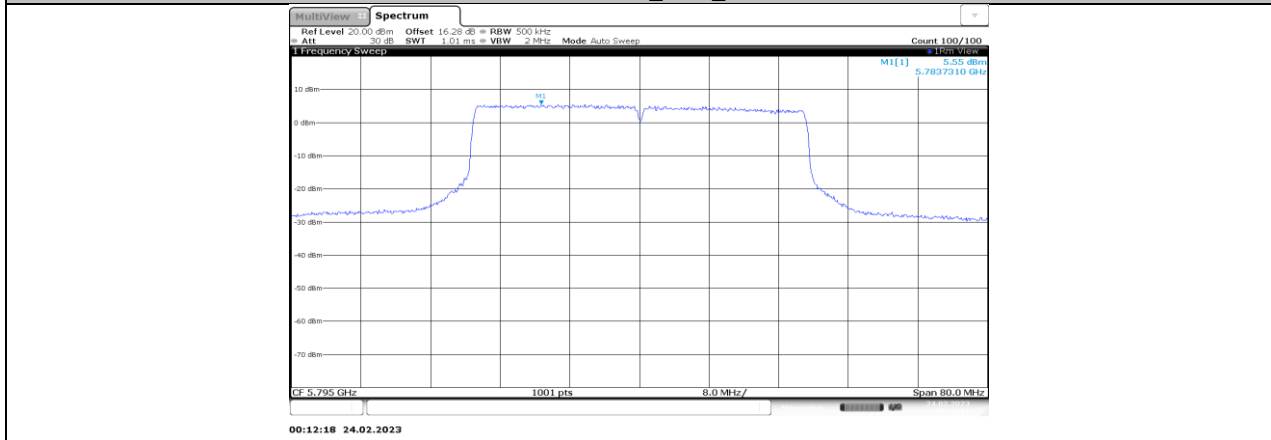




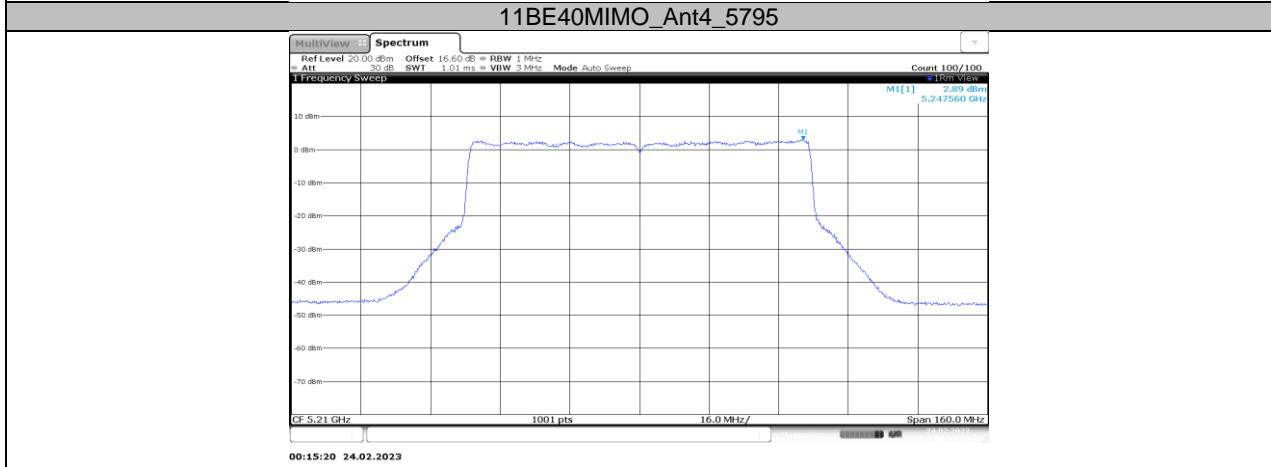
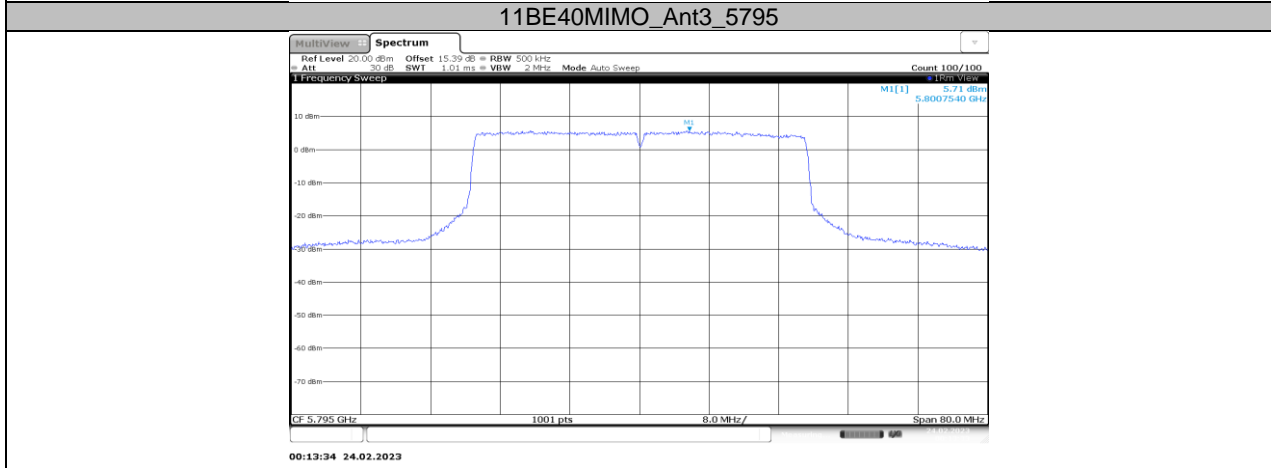
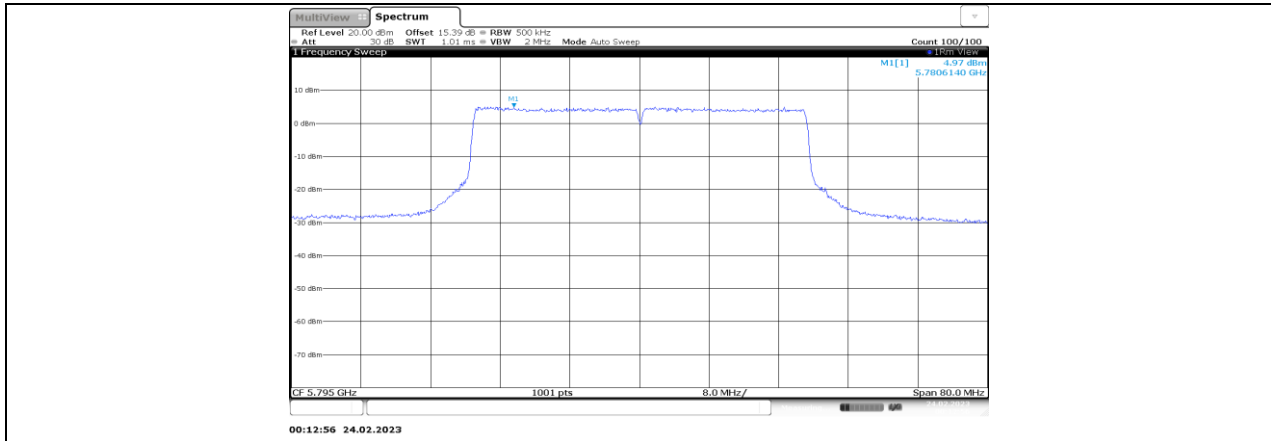
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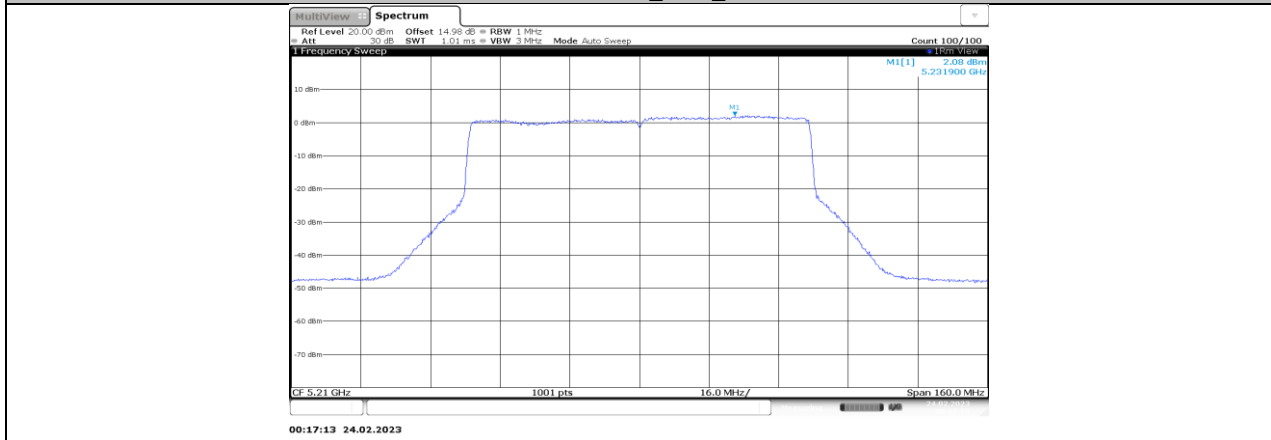
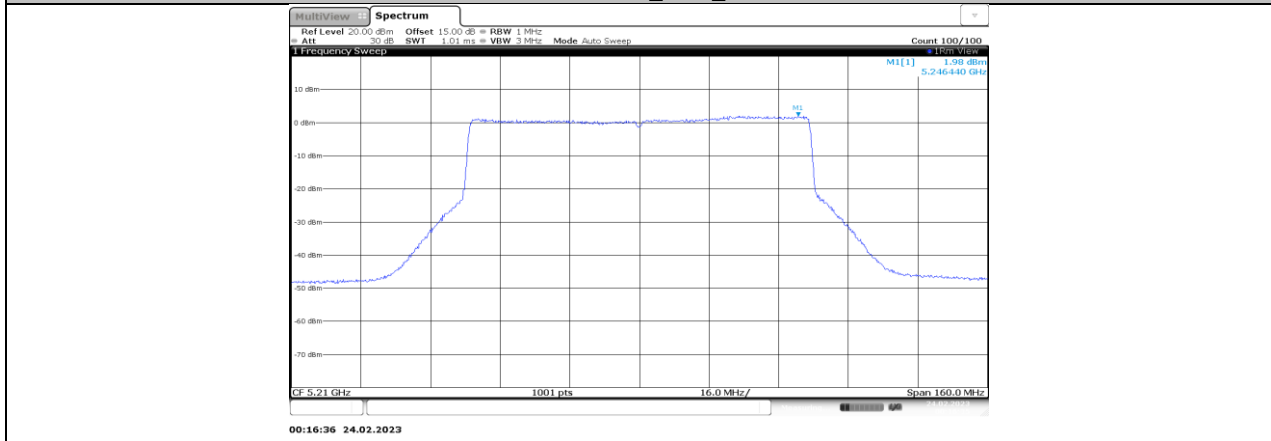
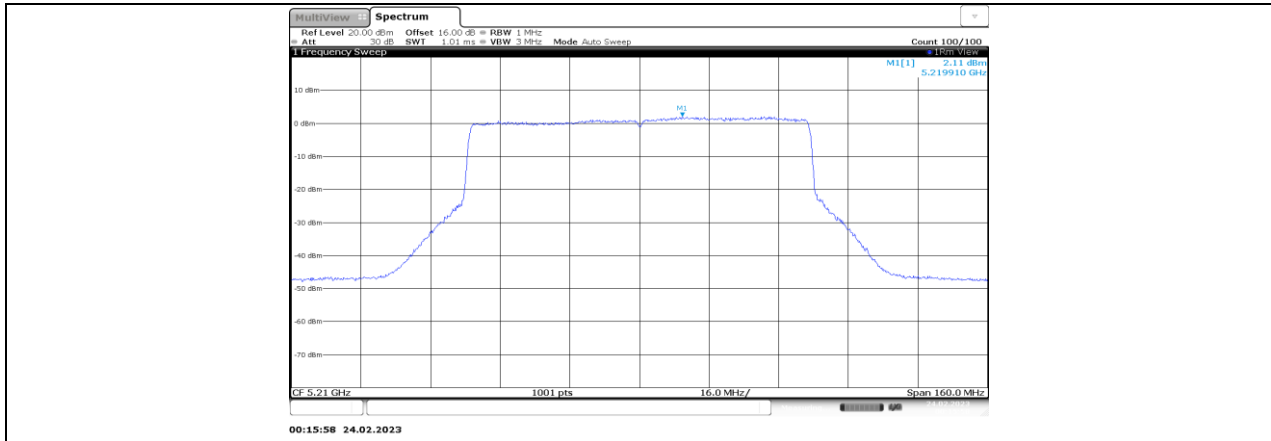


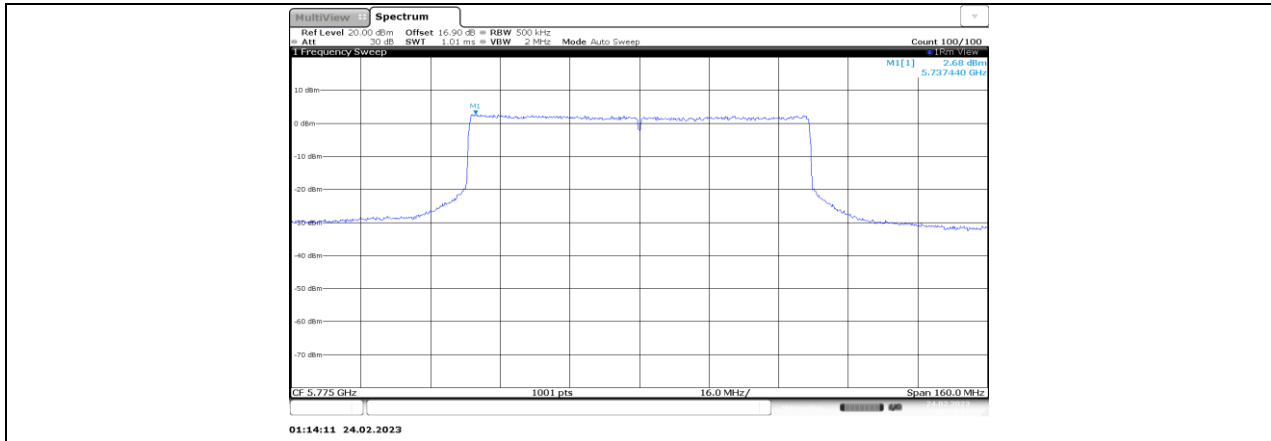
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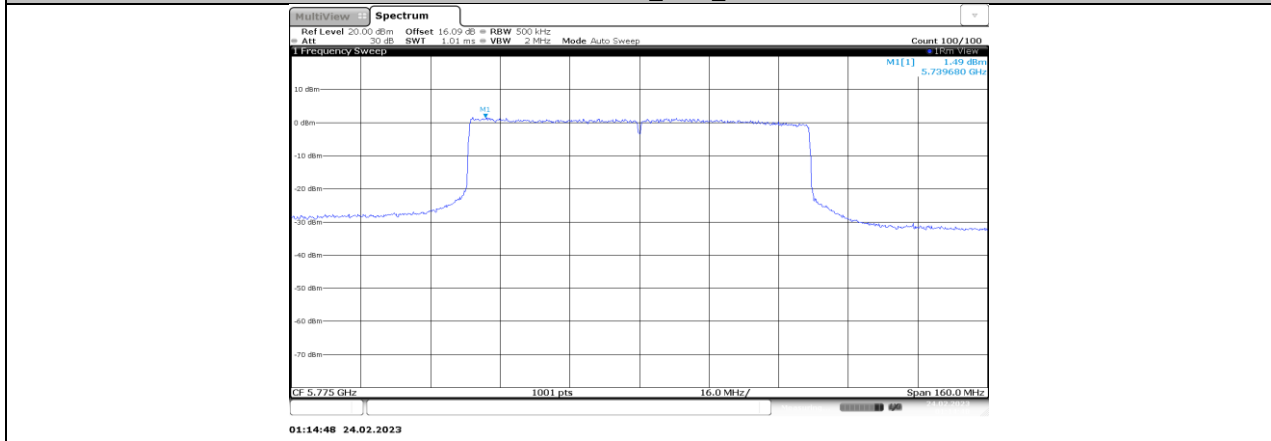
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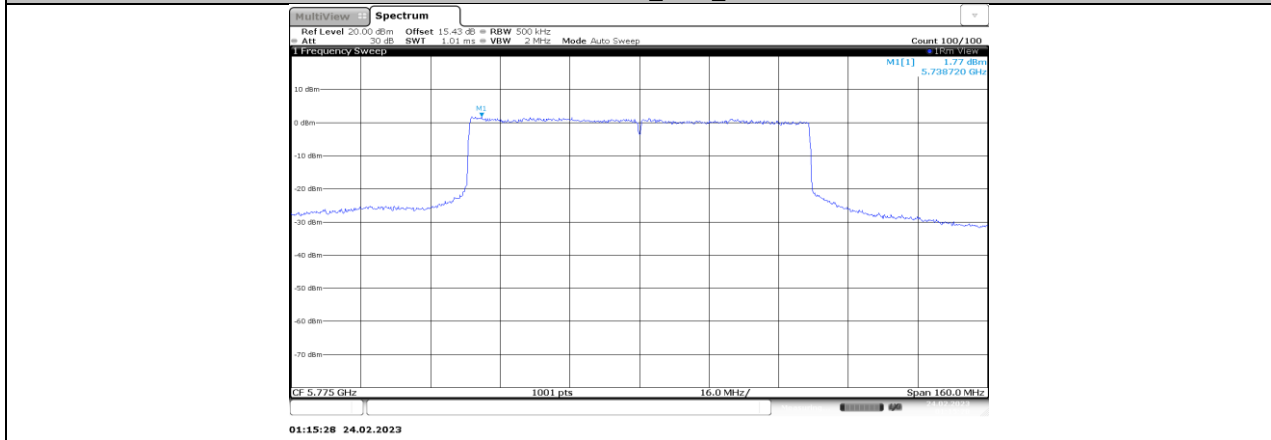




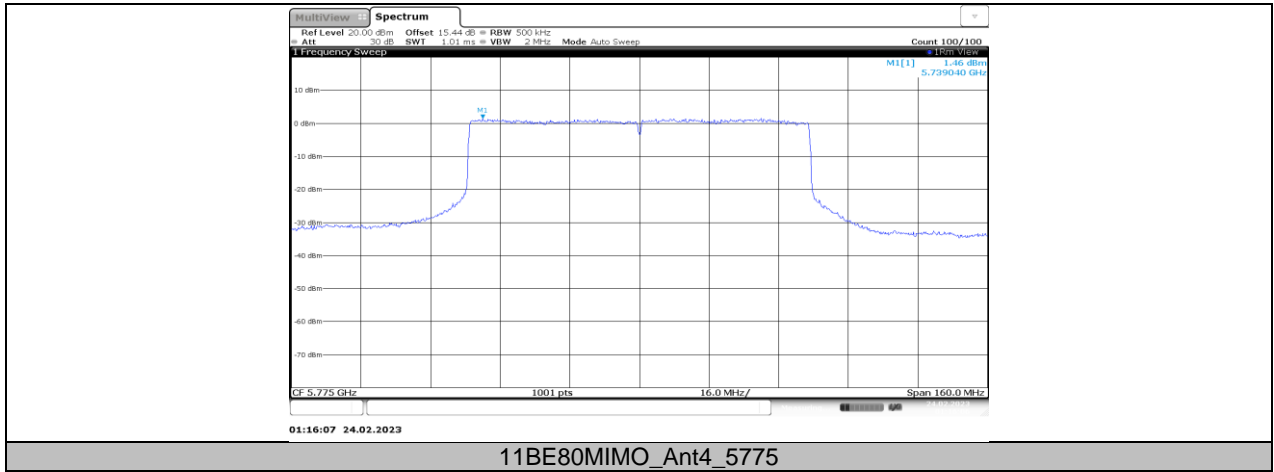
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11BE80MIMO\_Ant2\_5775



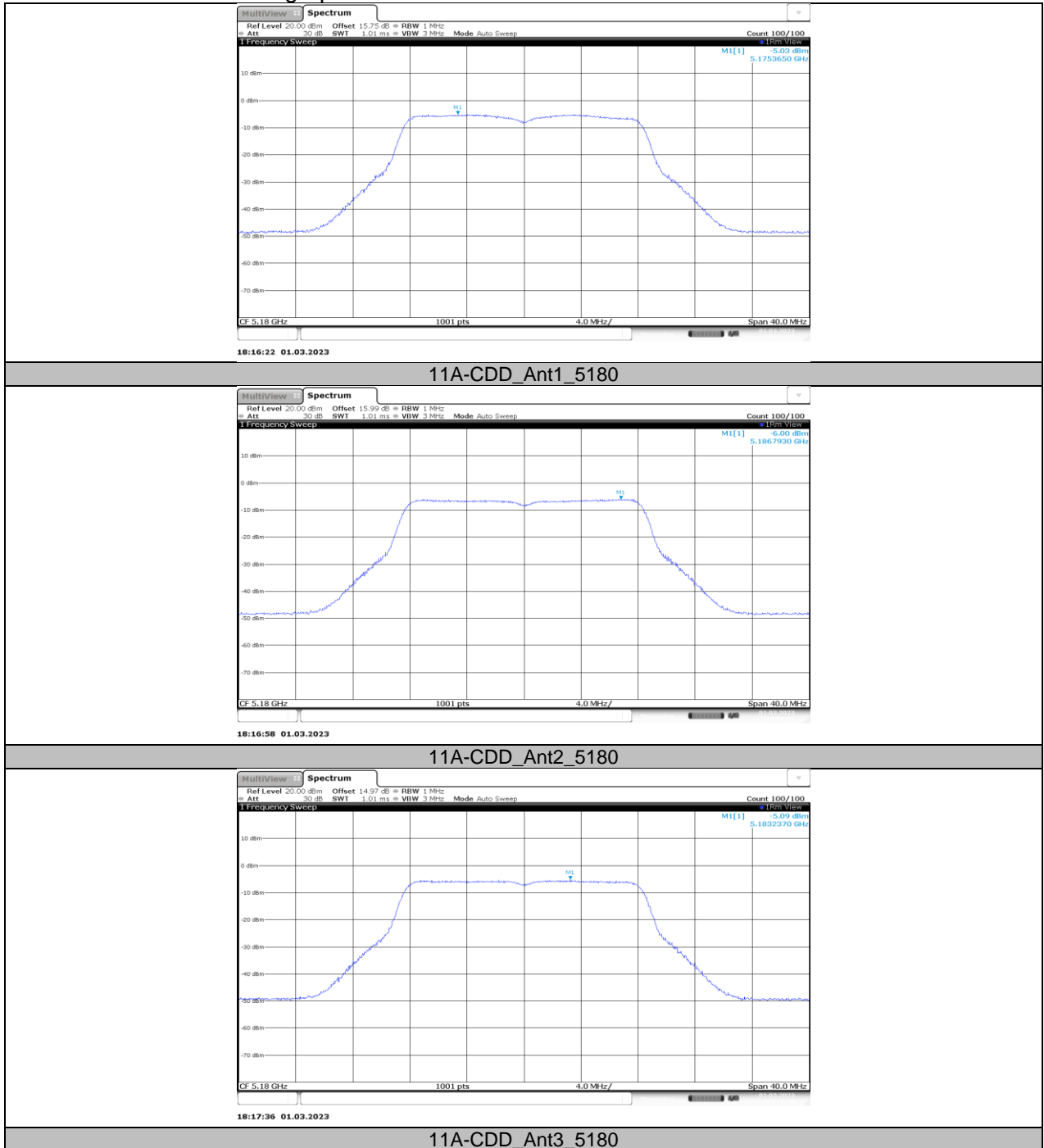
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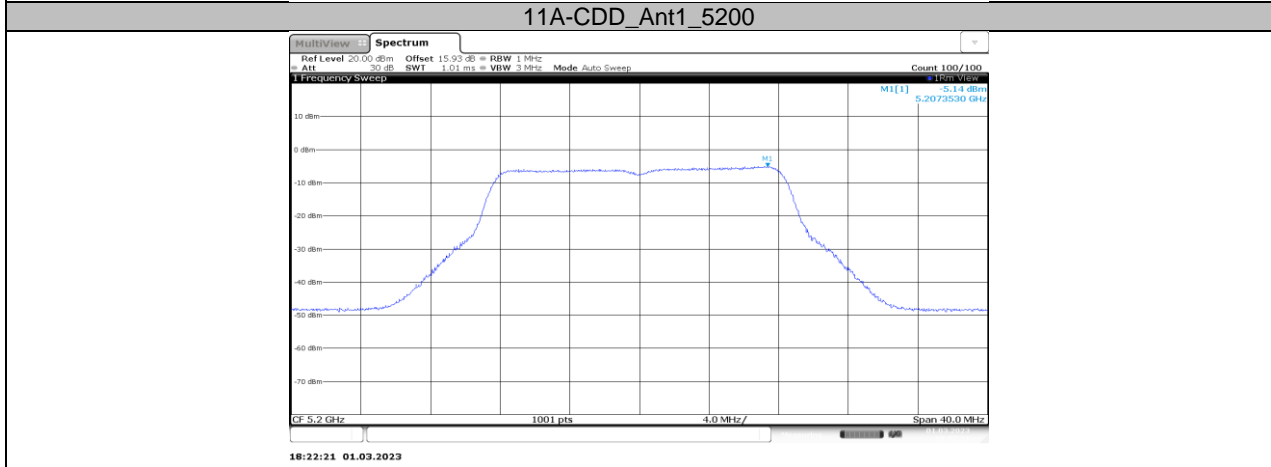
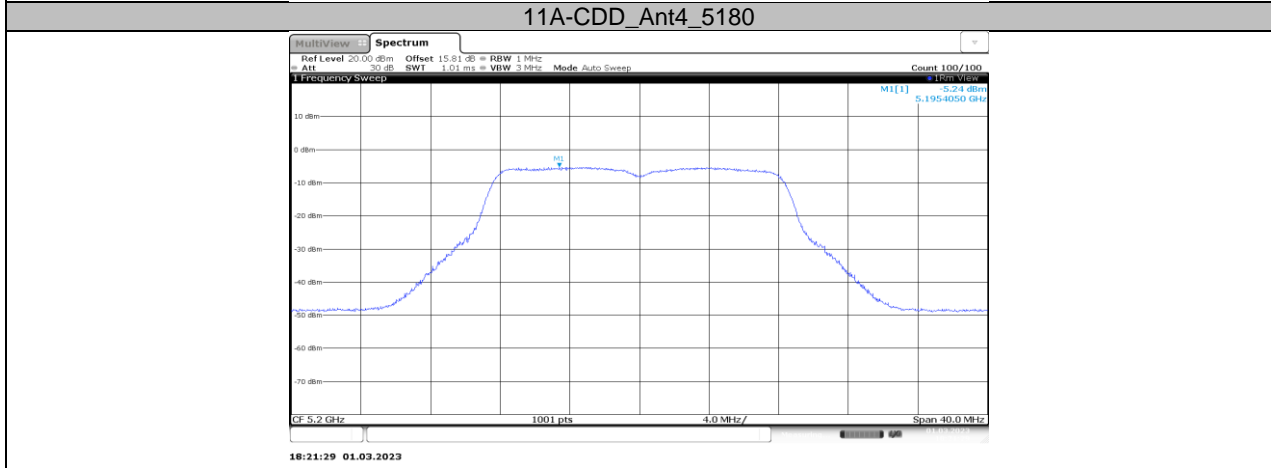
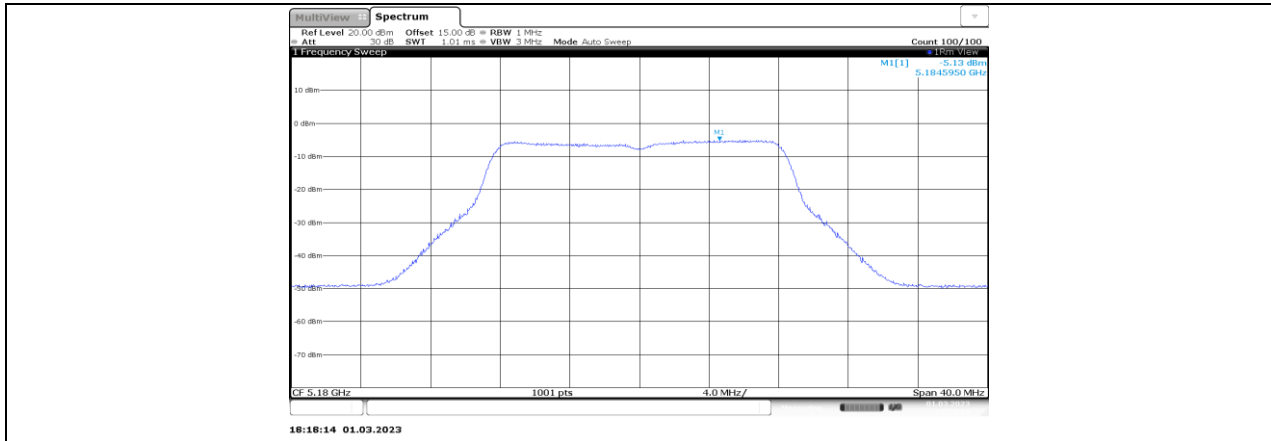


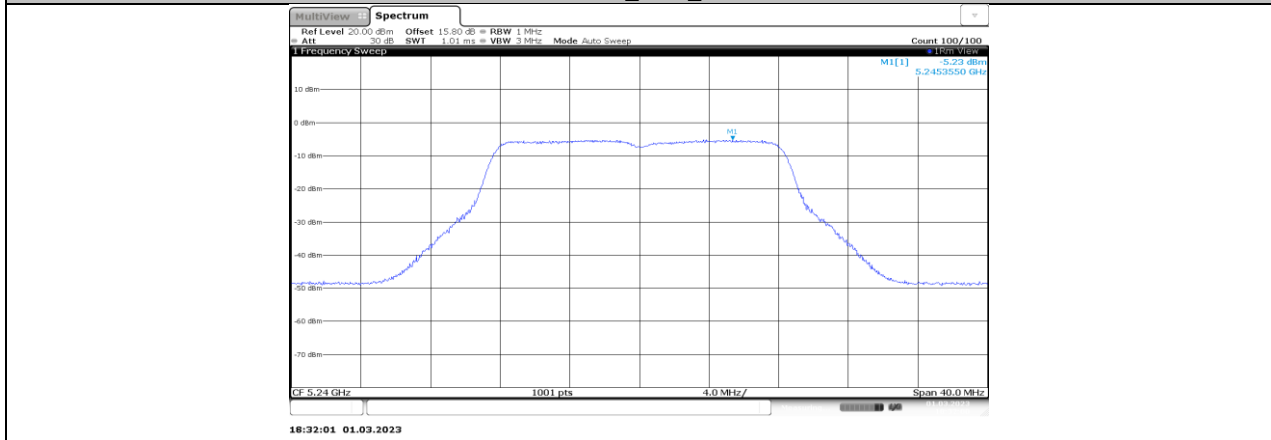
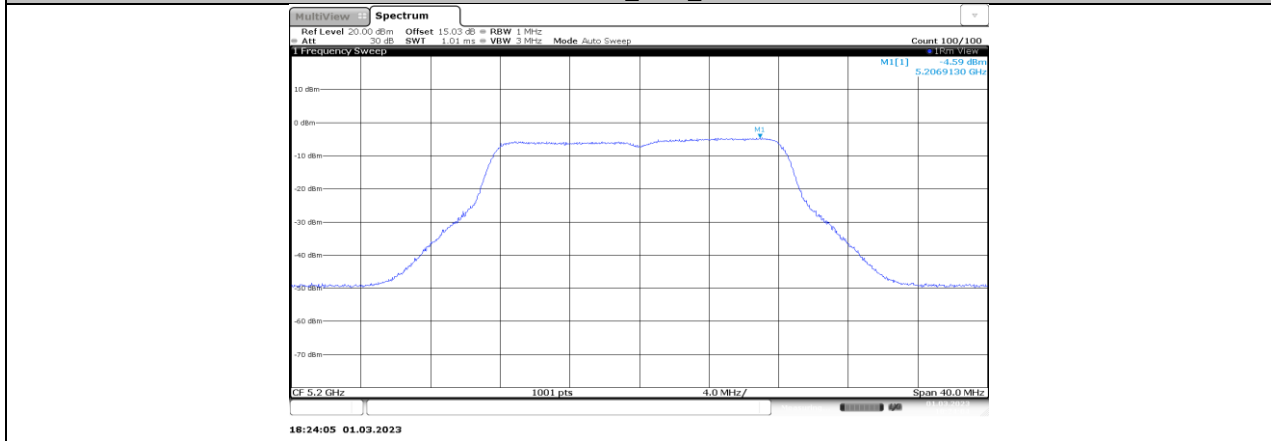
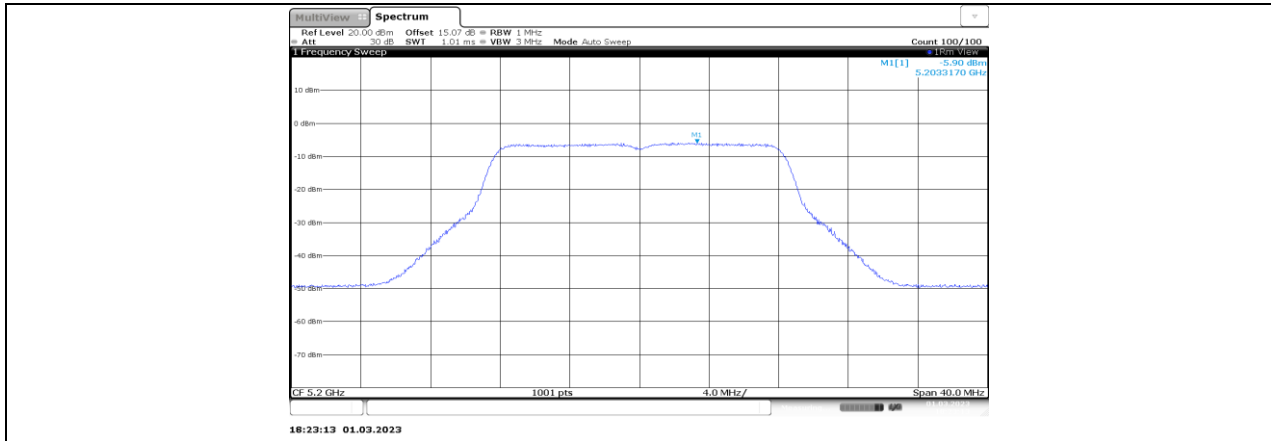


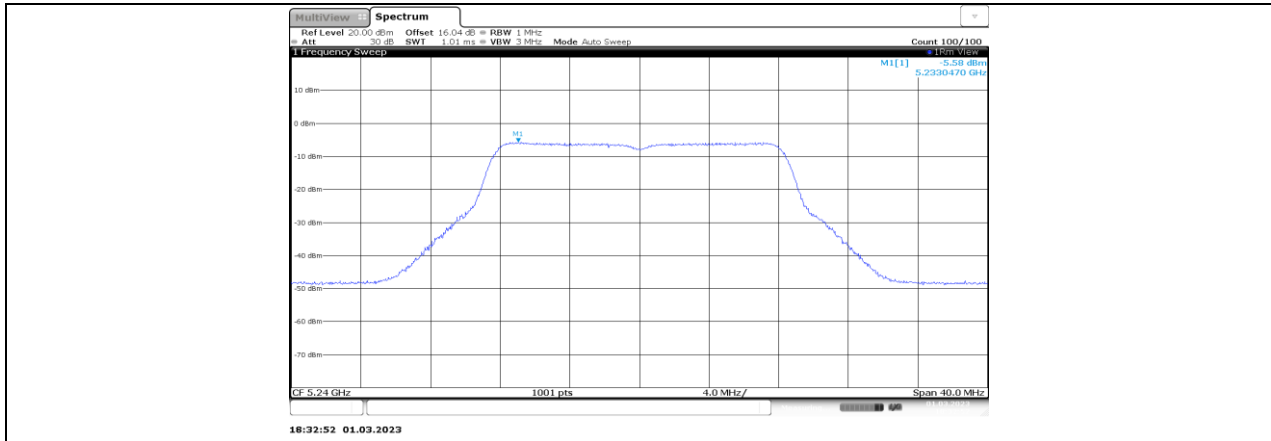
### 11.5.4. Test Graphs

For ISED UNII-1 test data graphs:

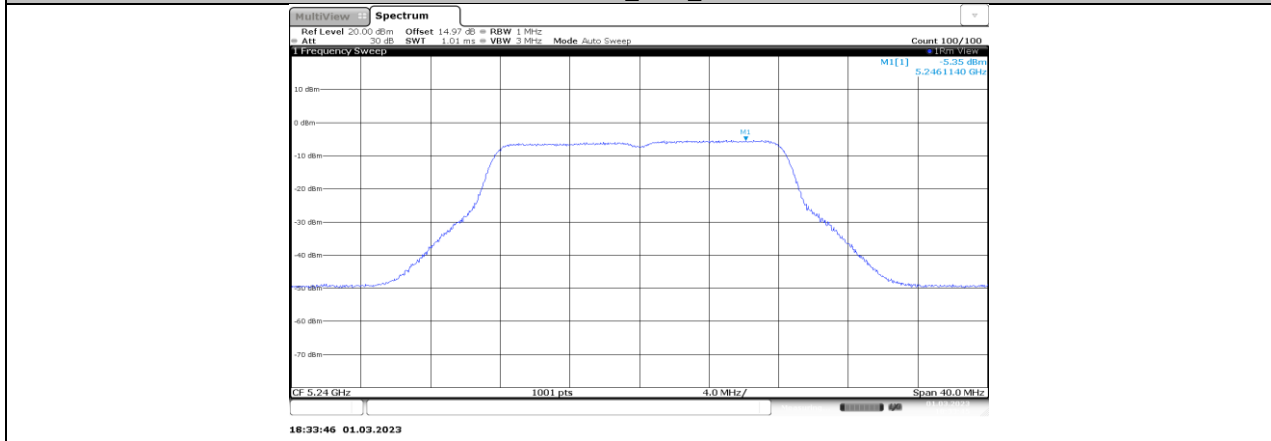




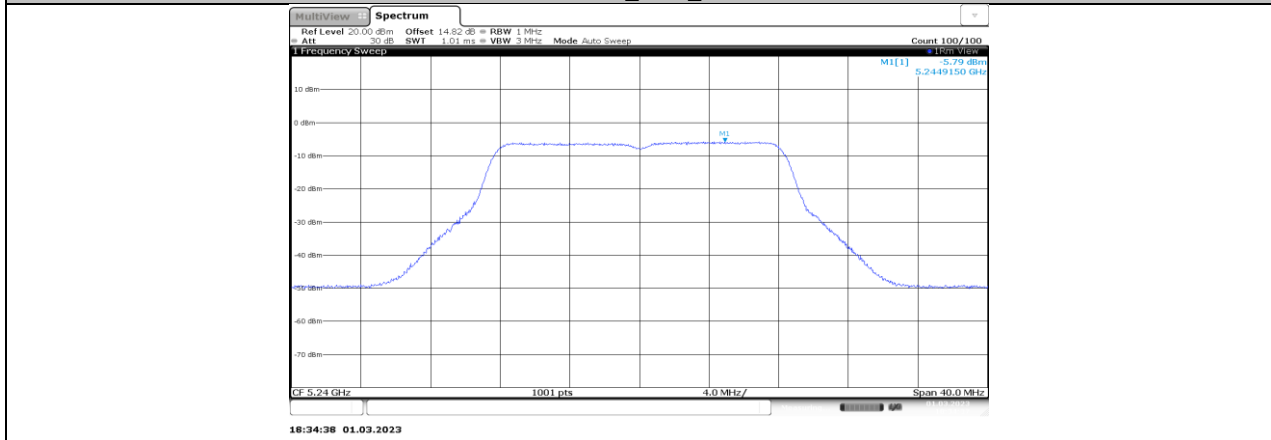




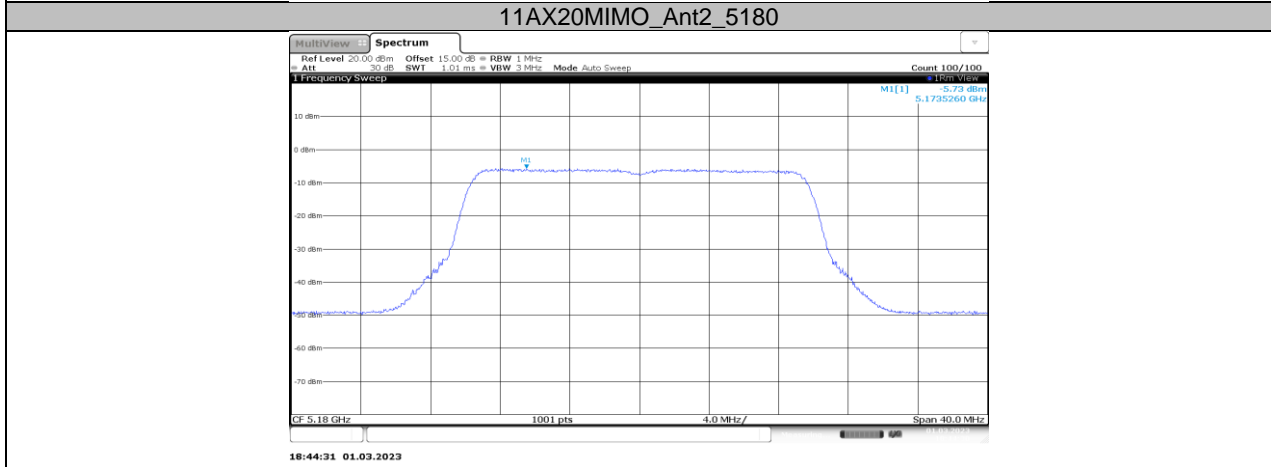
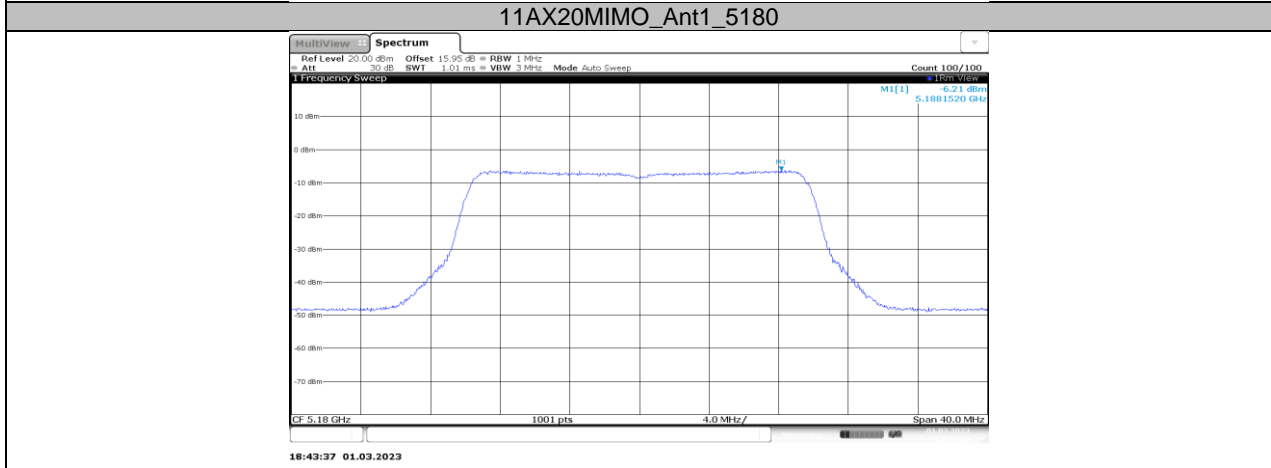
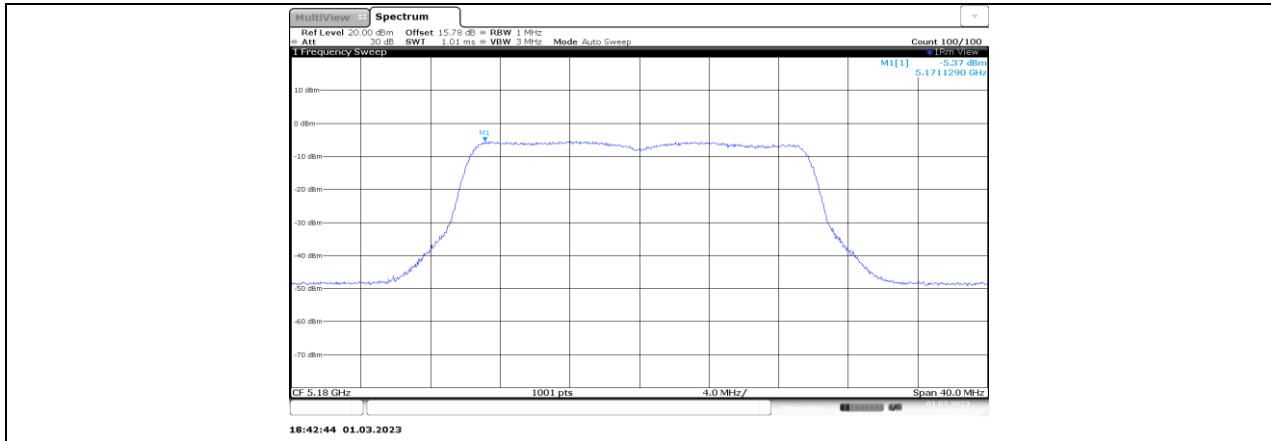
11A-CDD\_Ant2\_5240

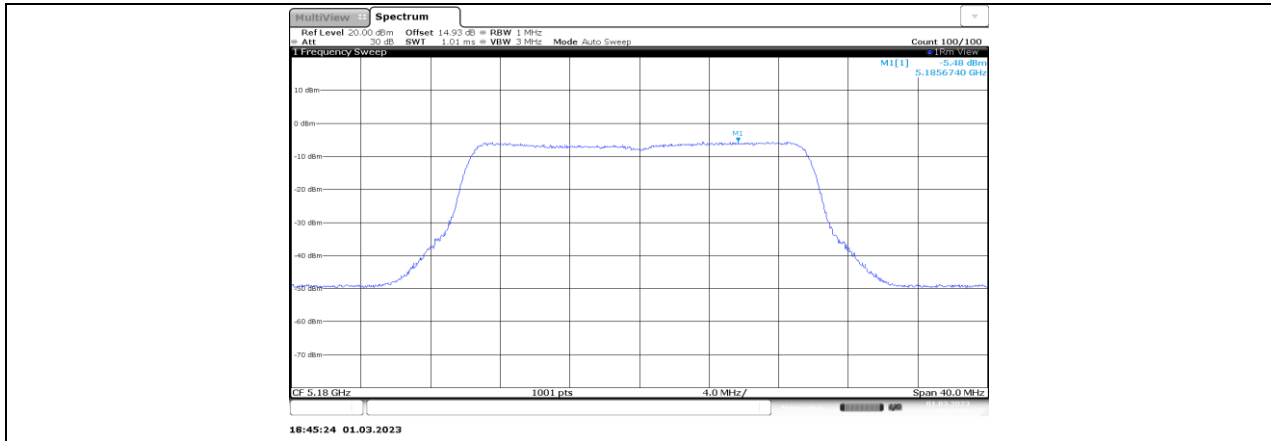


11A-CDD\_Ant3\_5240

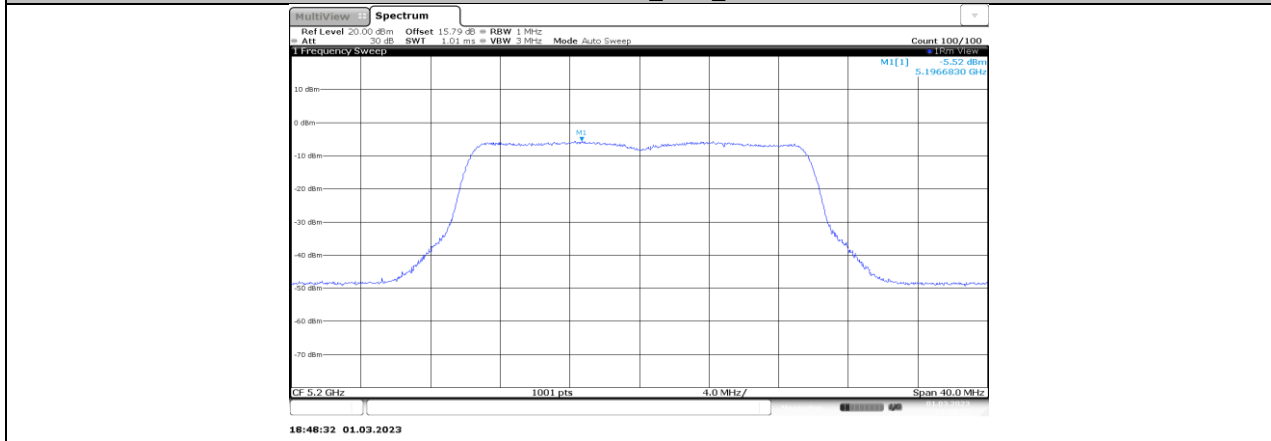


11A-CDD\_Ant4\_5240

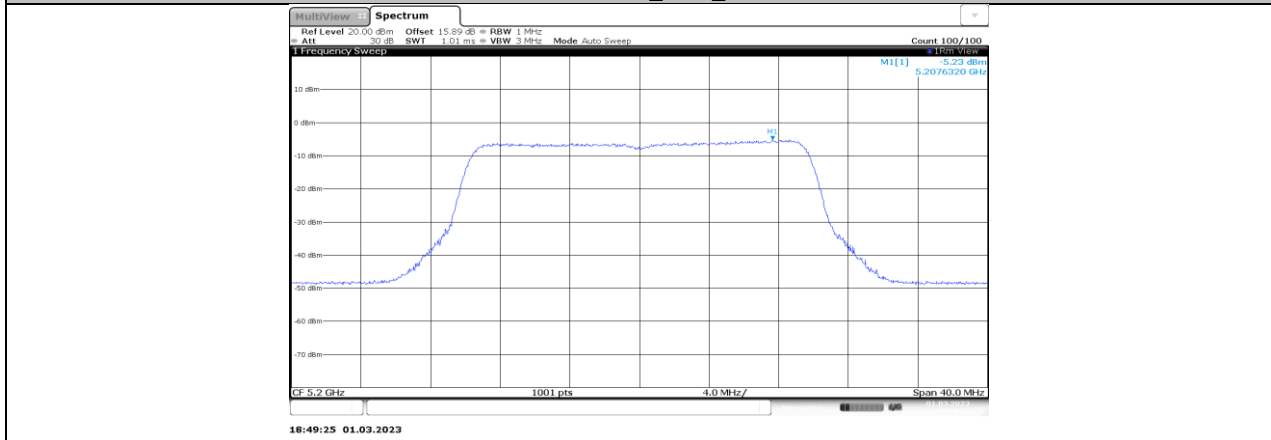




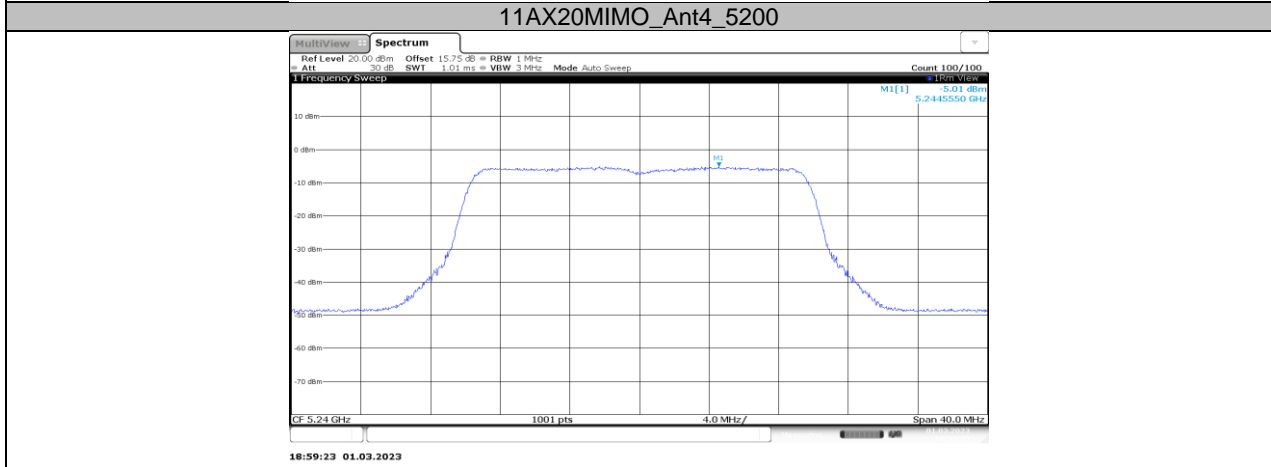
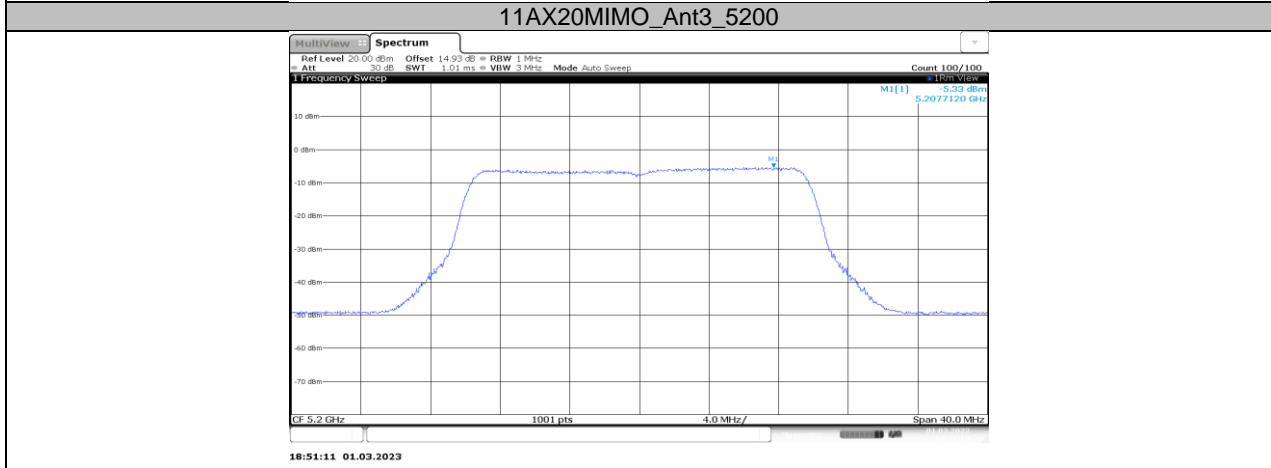
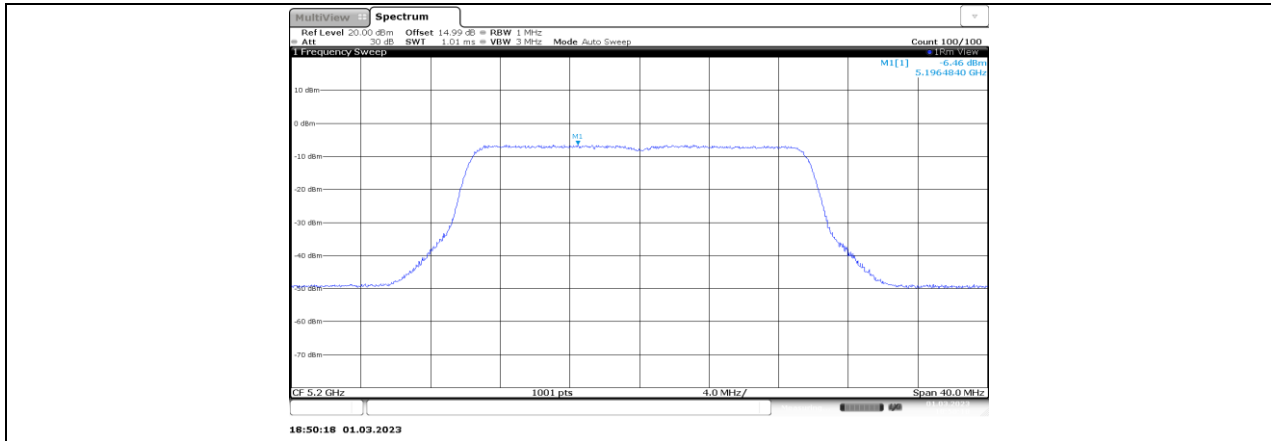
11AX20MIMO\_Ant4\_5180

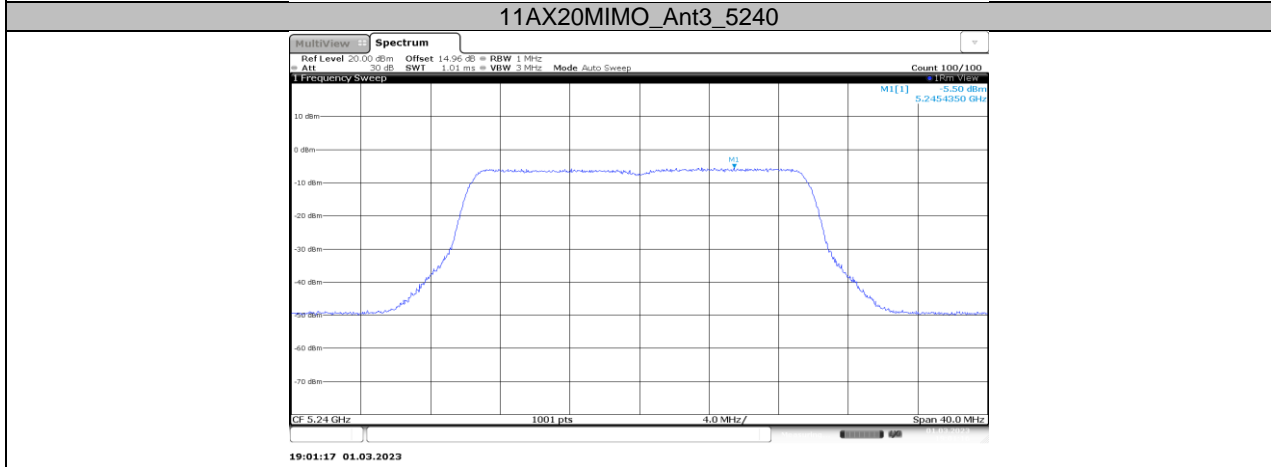
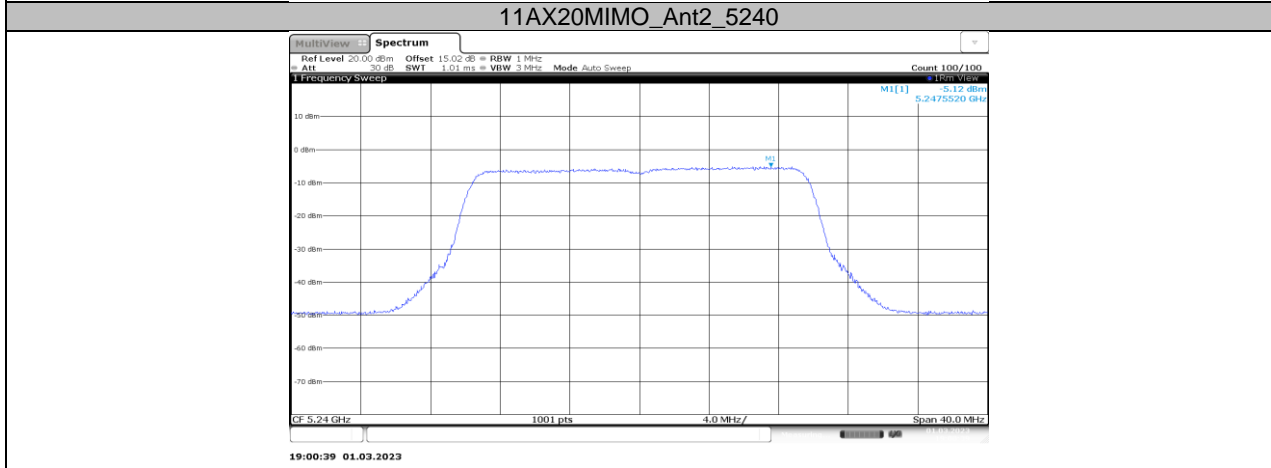
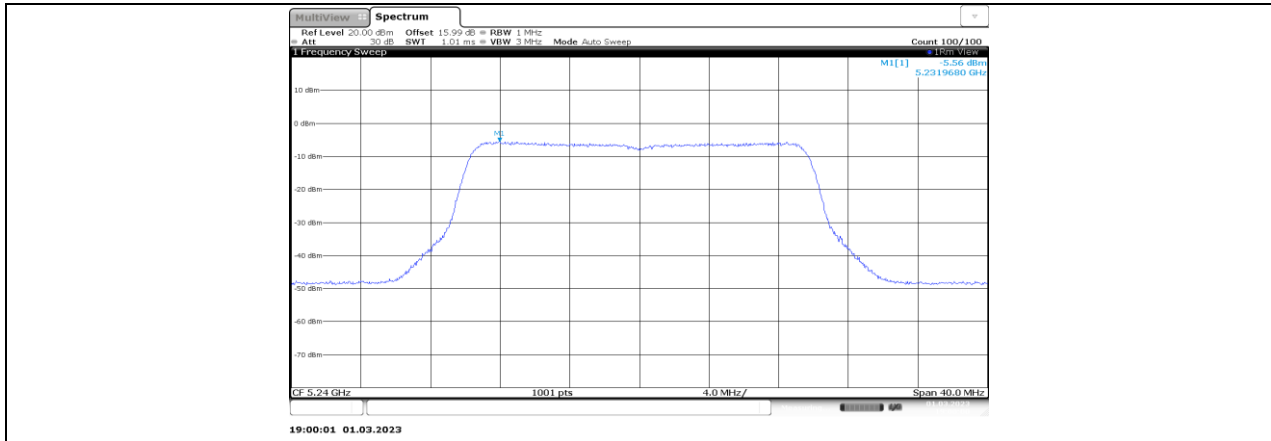


11AX20MIMO\_Ant1\_5200

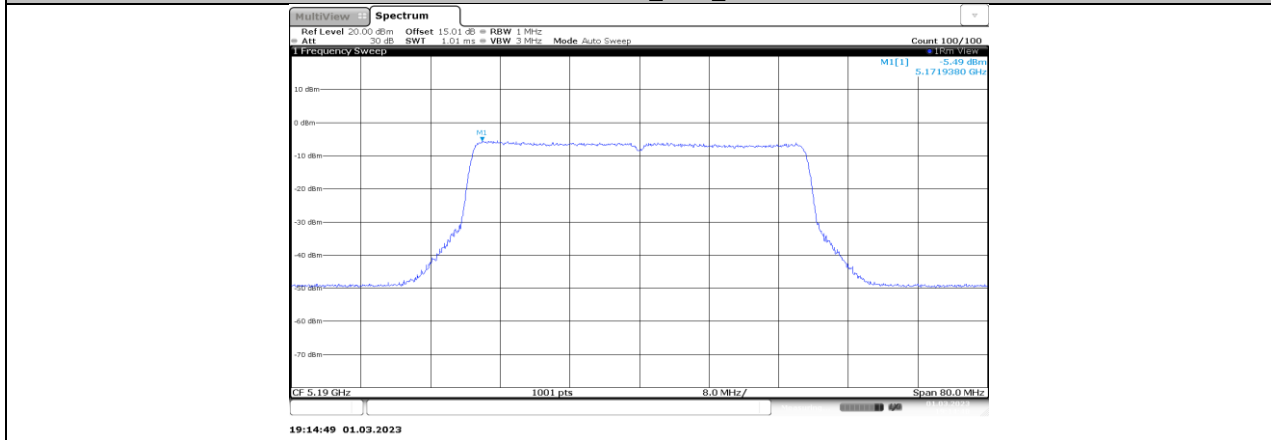
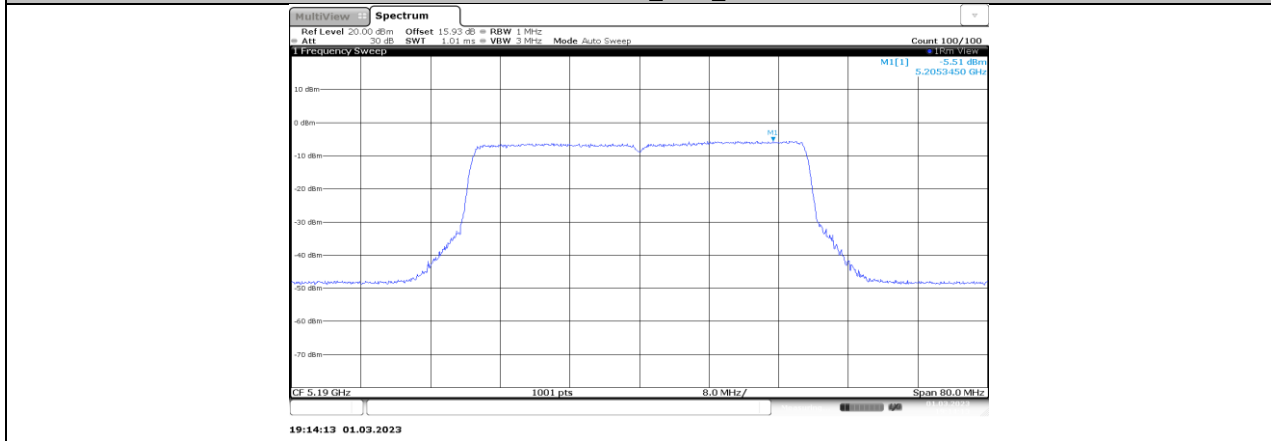
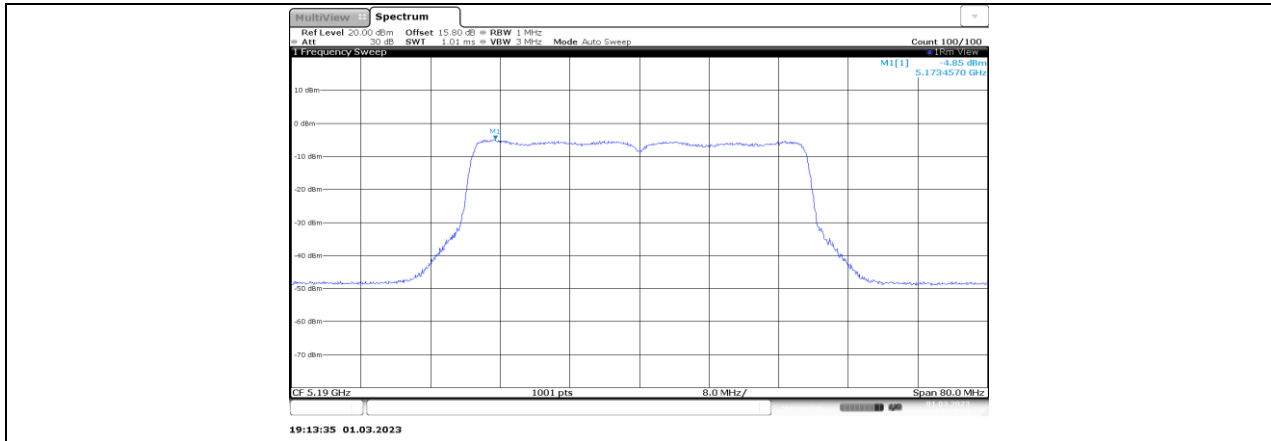


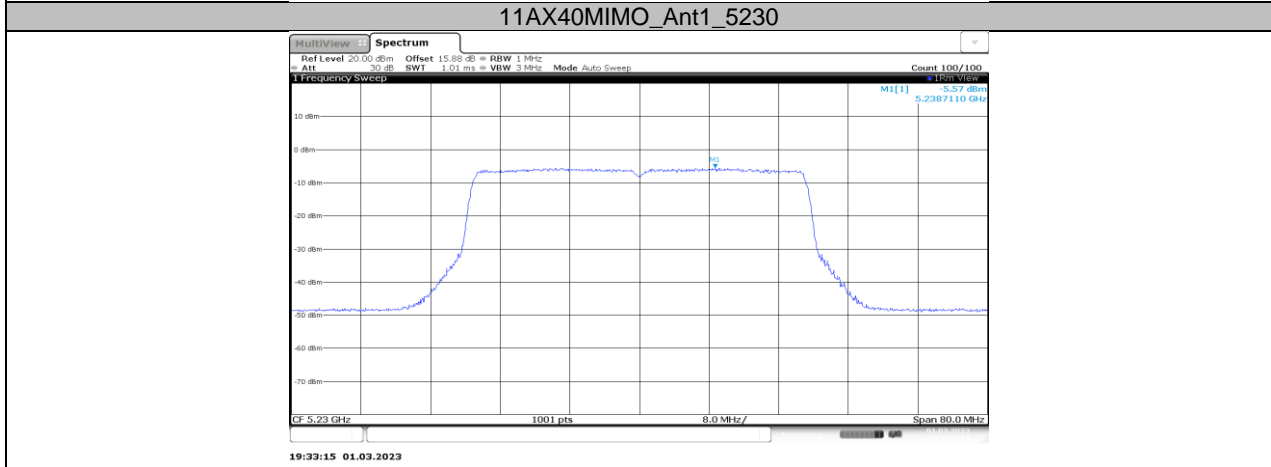
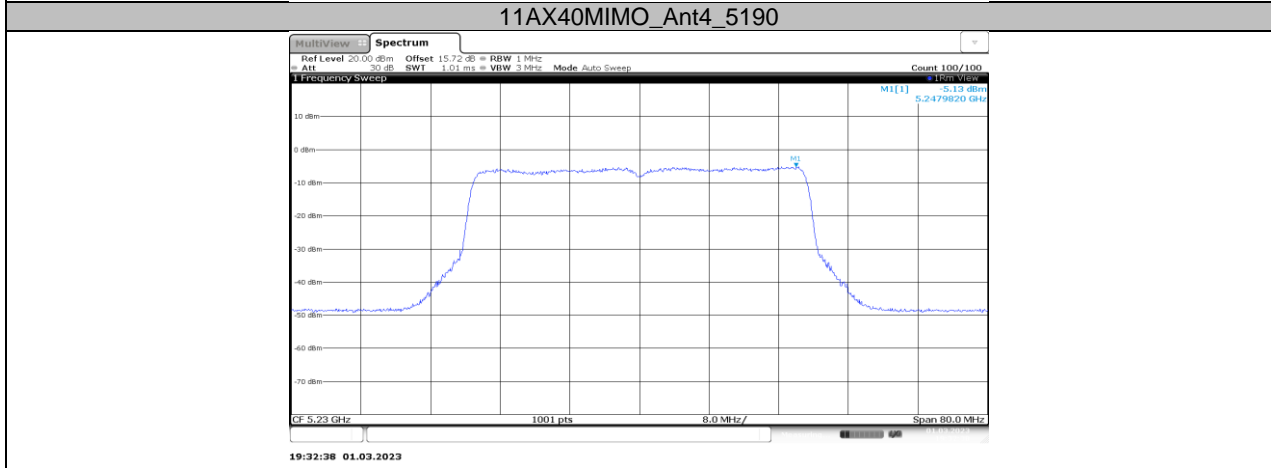
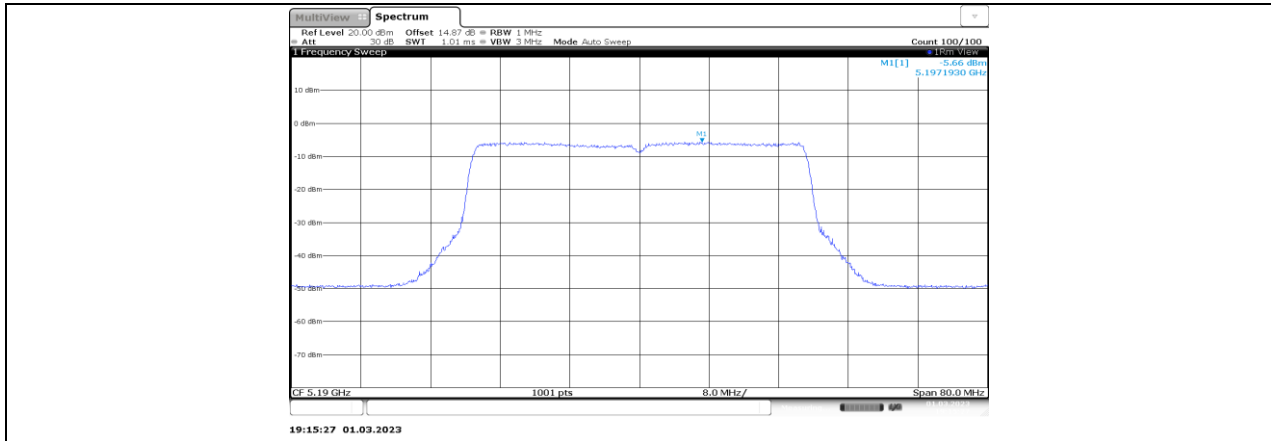
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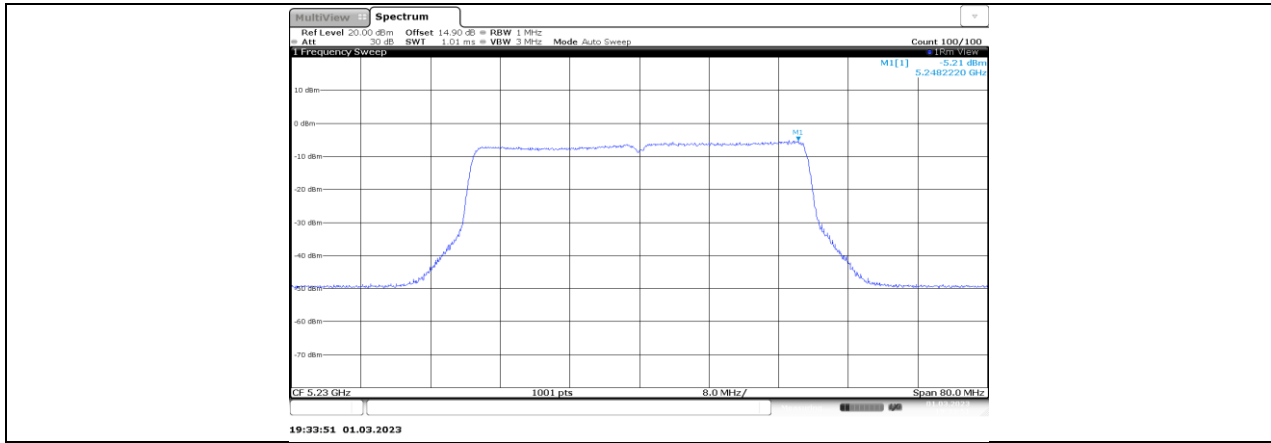




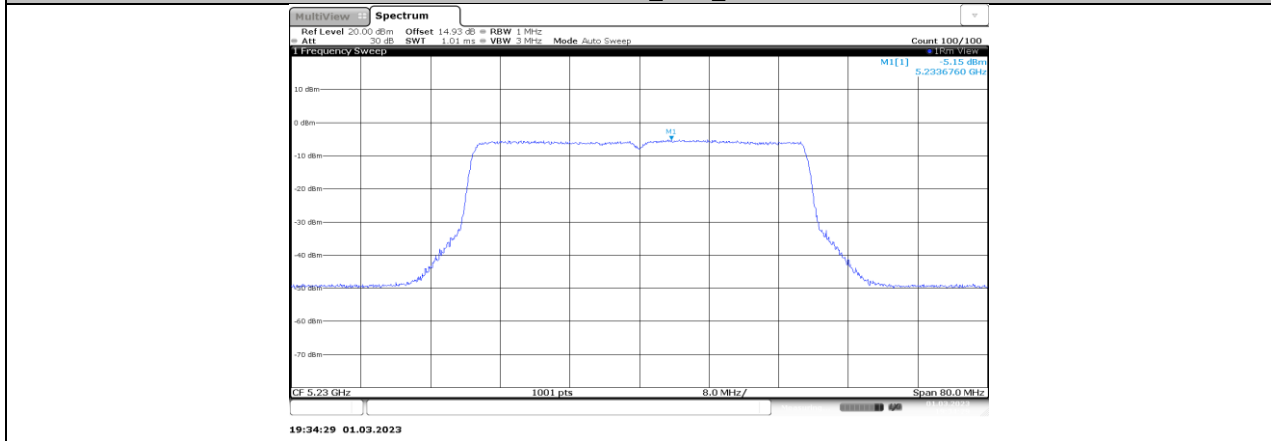




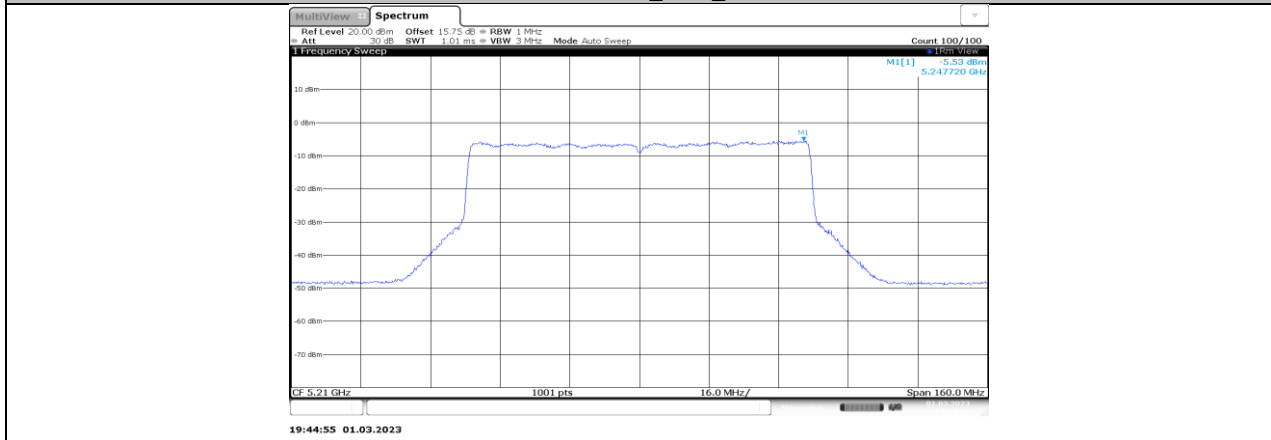




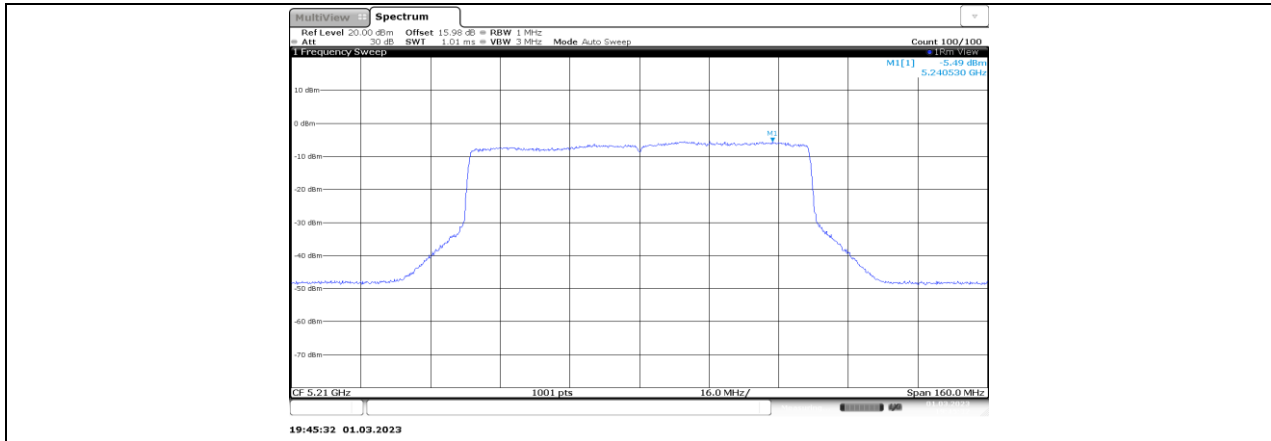
11AX40MIMO\_Ant3\_5230



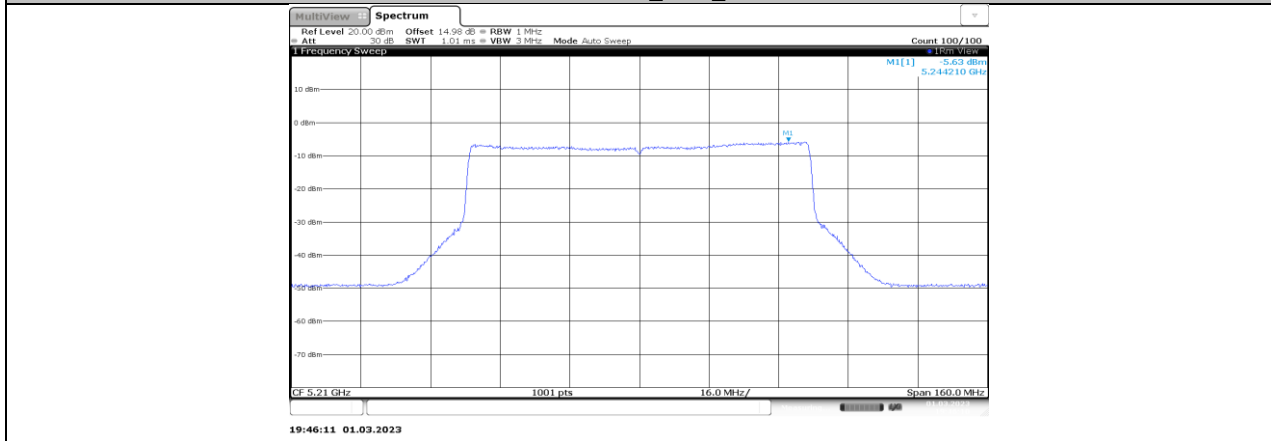
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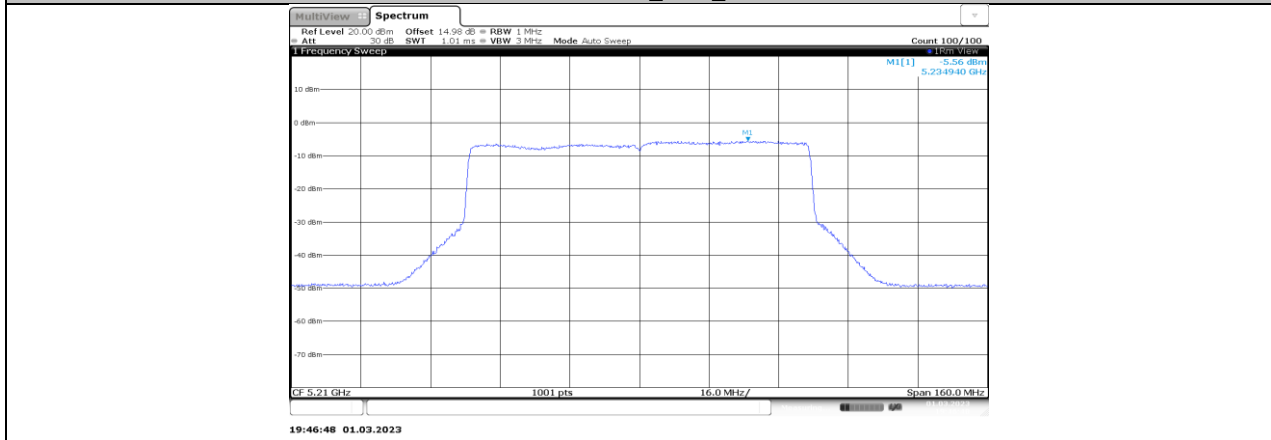
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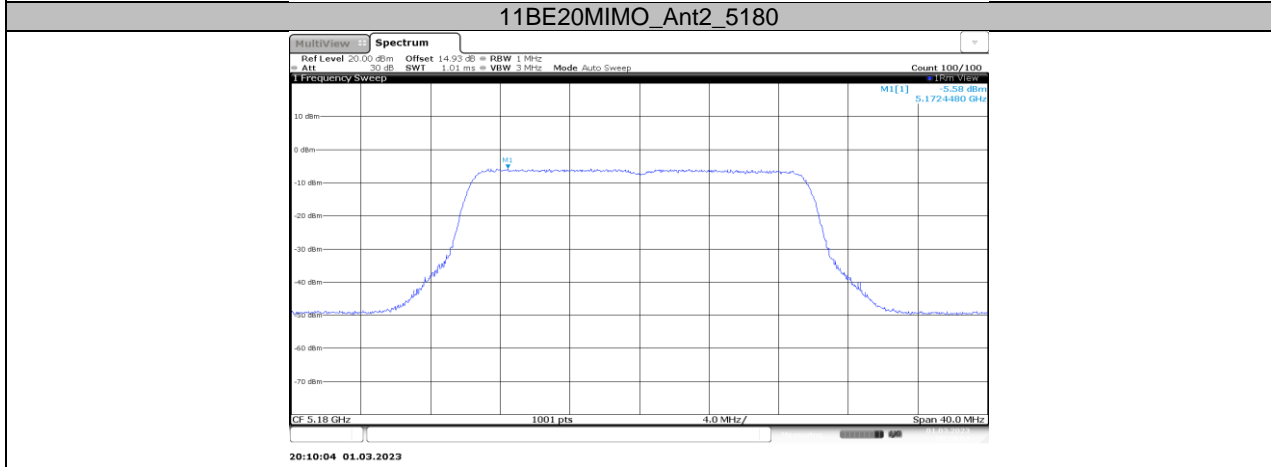
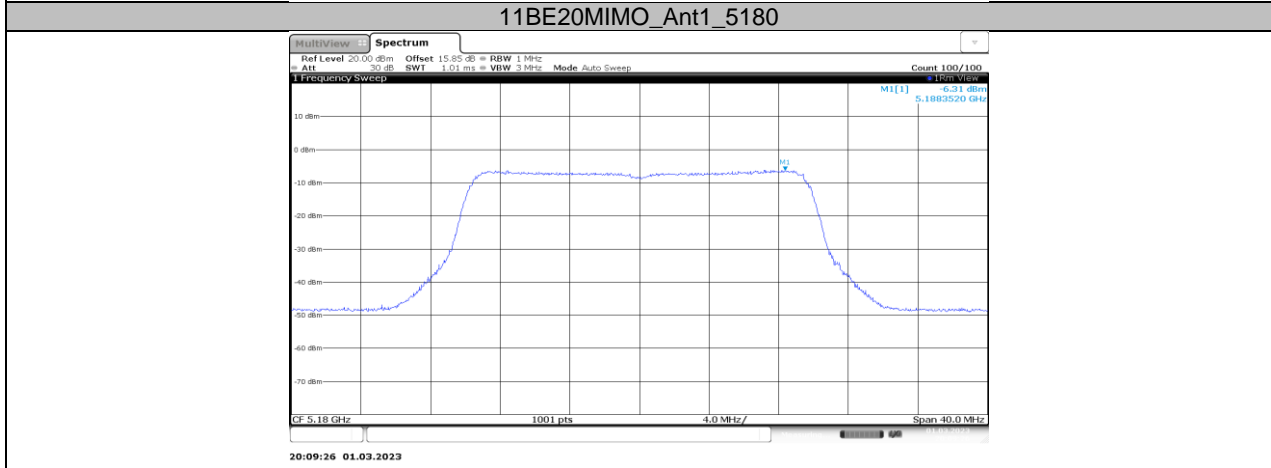
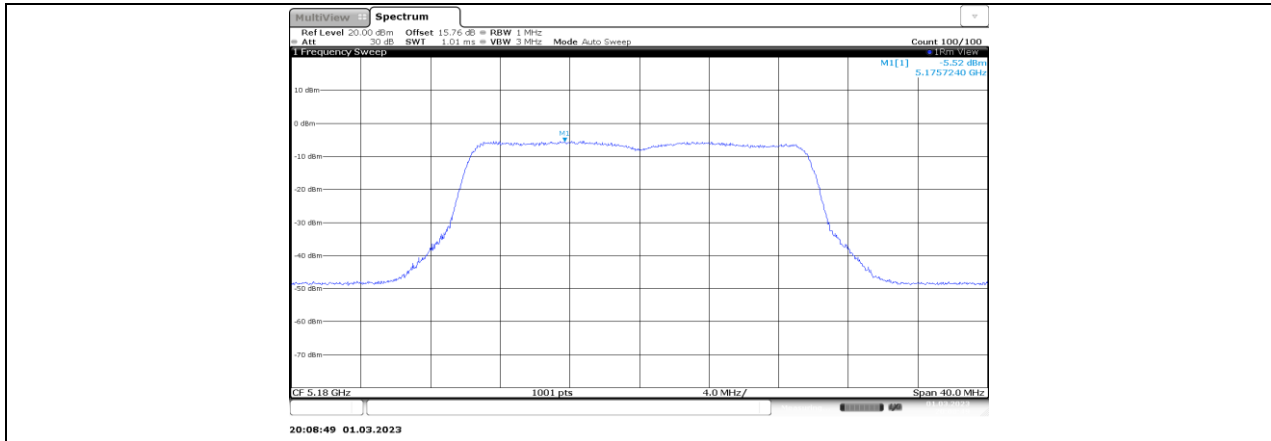
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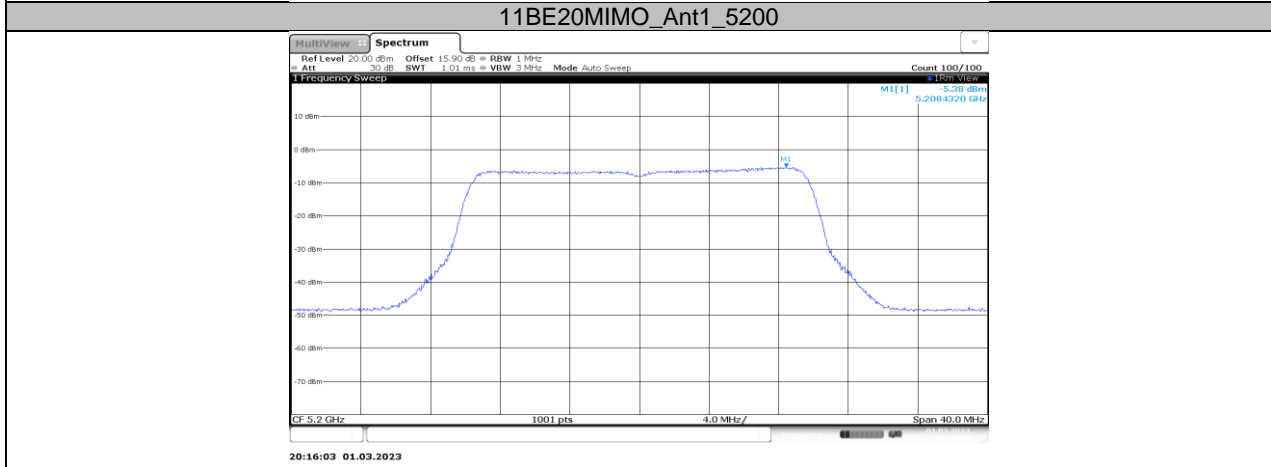
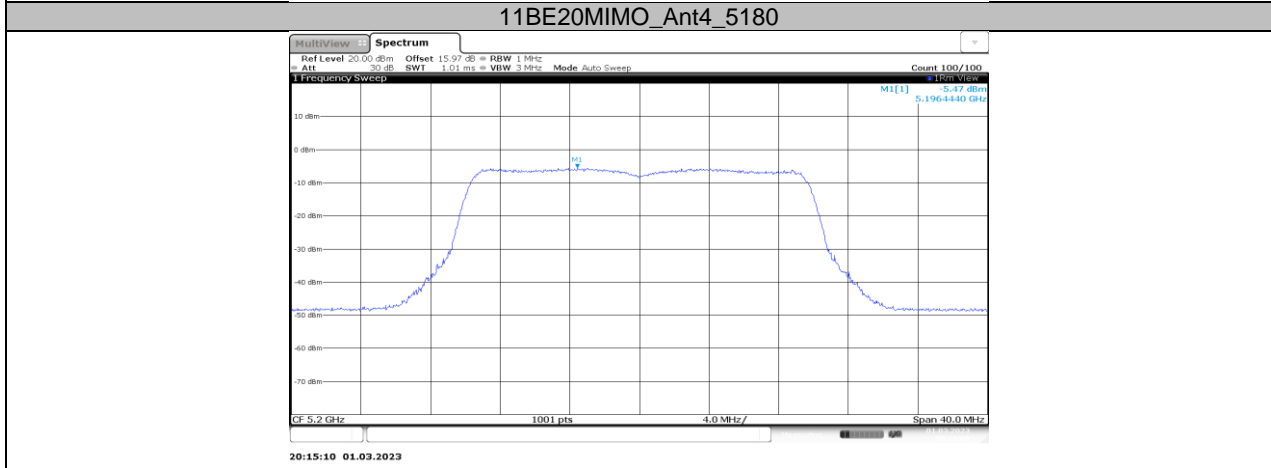
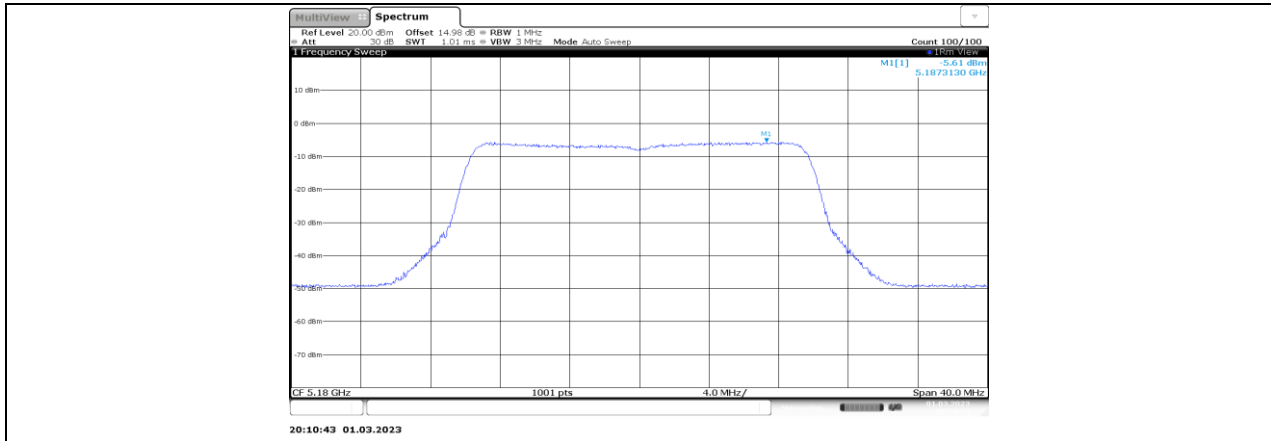


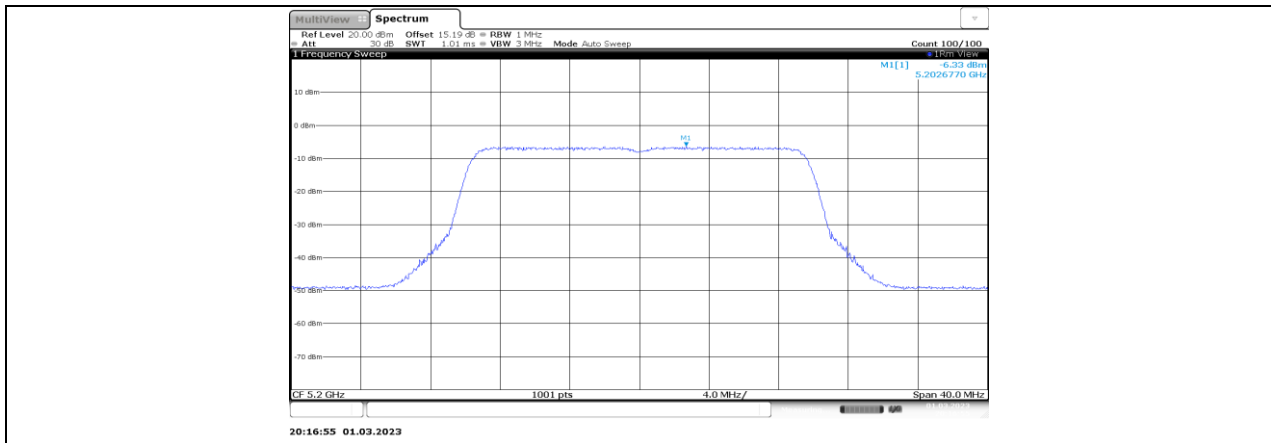
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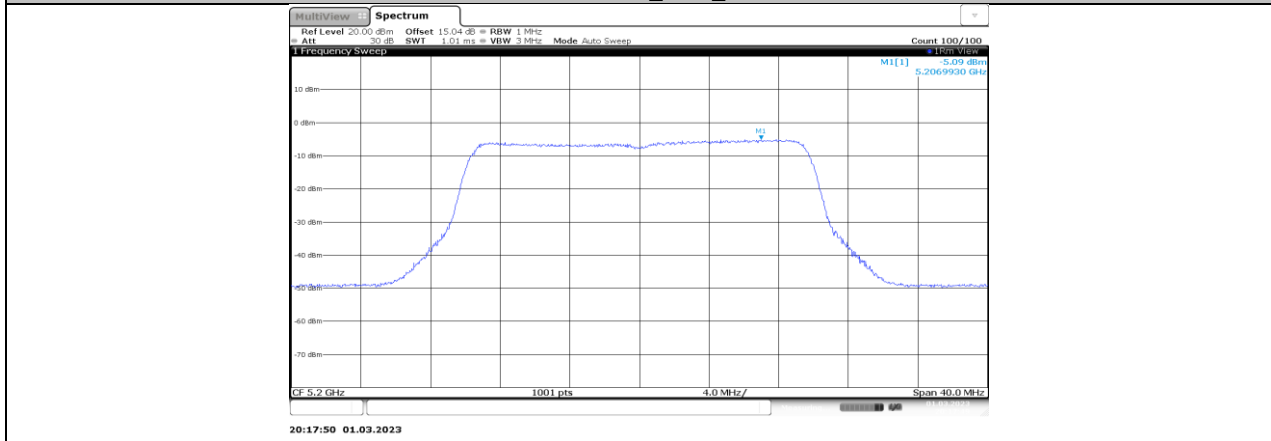
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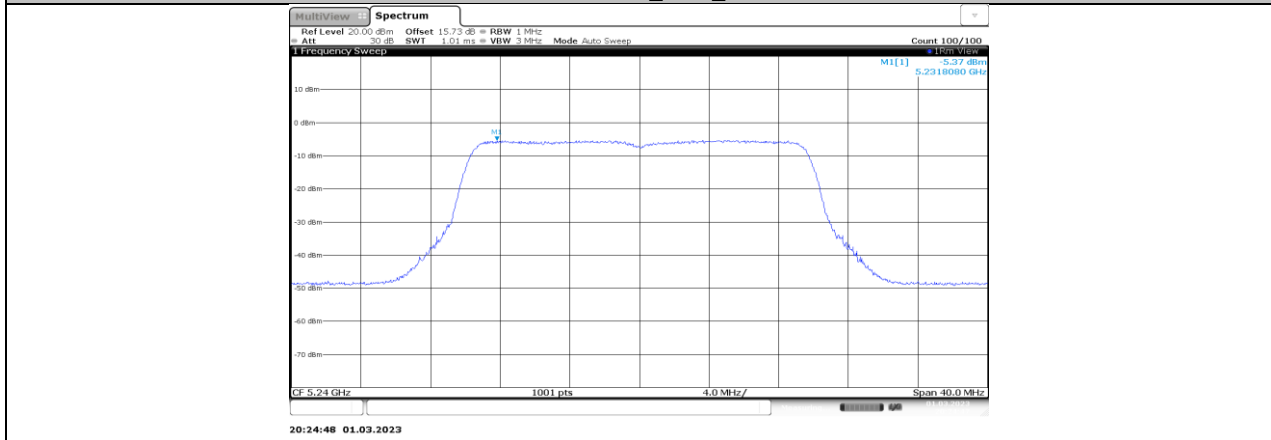




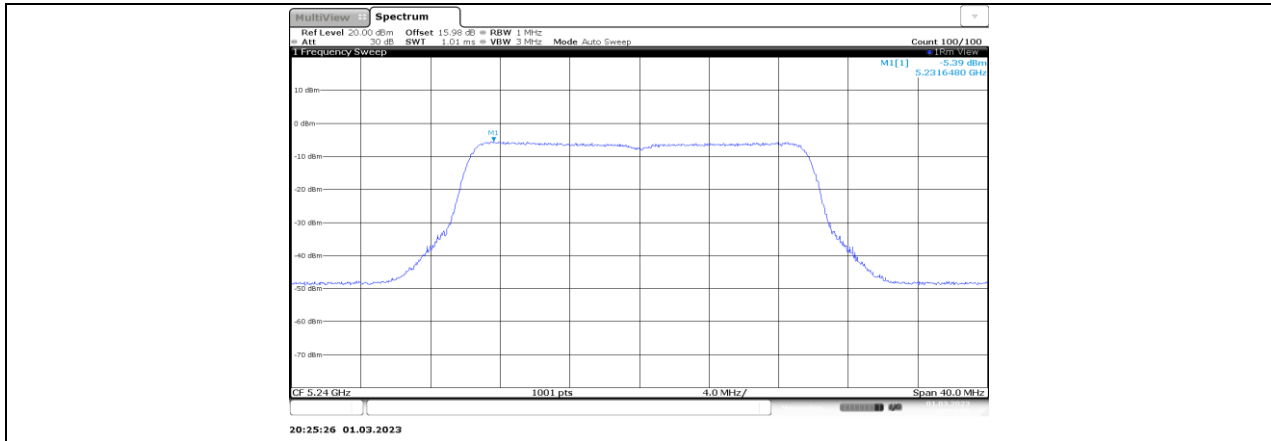
11BE20MIMO\_Ant3\_5200



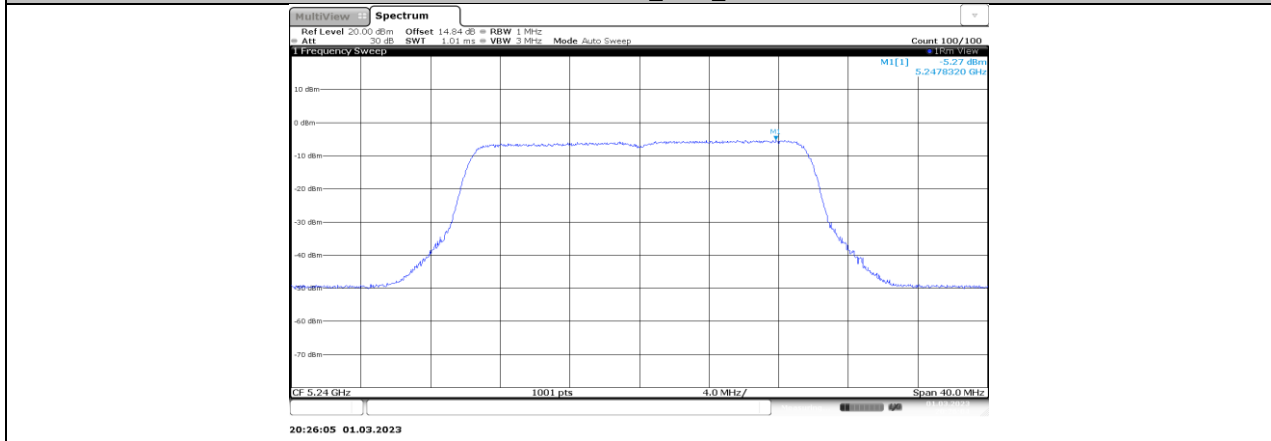
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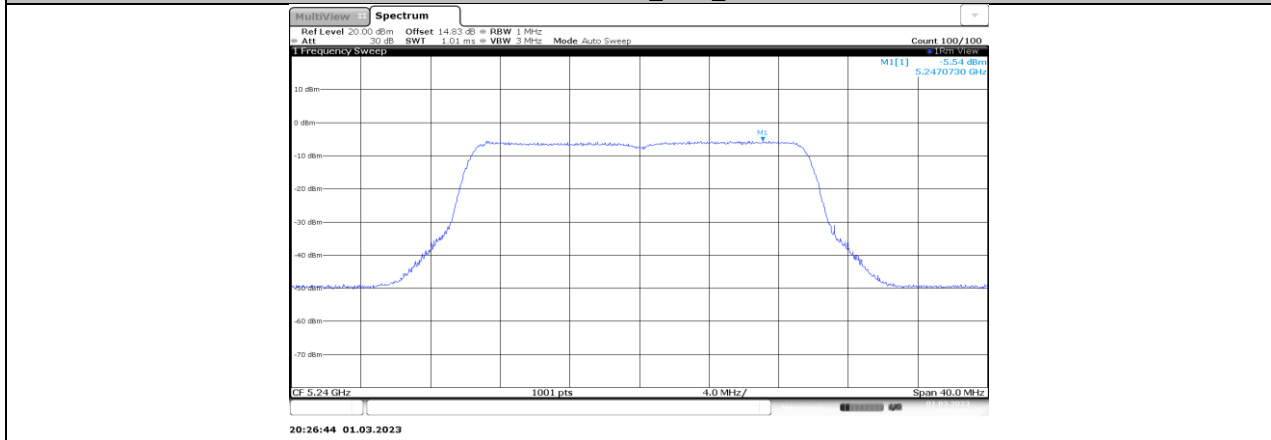
11BE20MIMO\_Ant1\_5240



11BE20MIMO\_Ant2\_5240

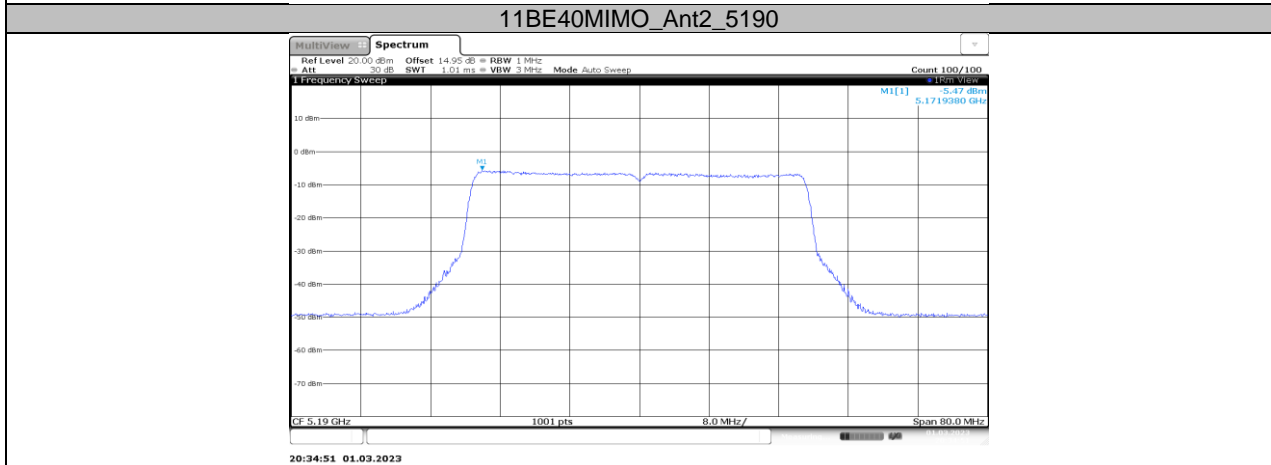
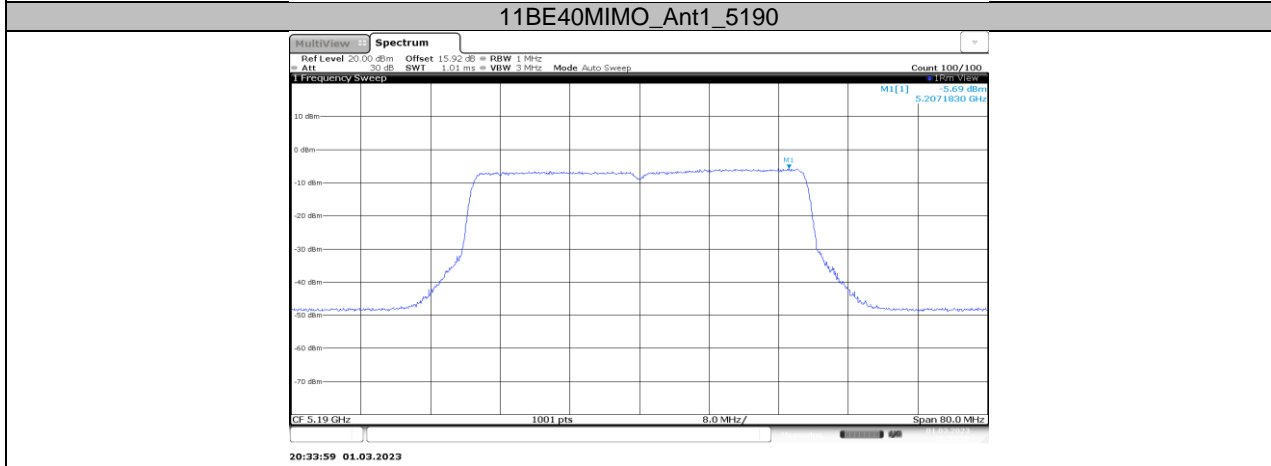
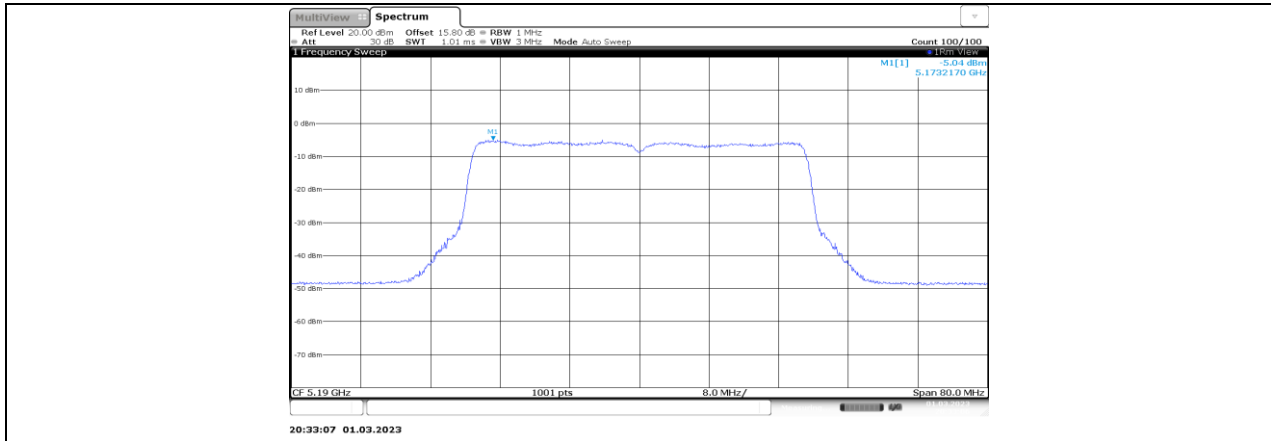


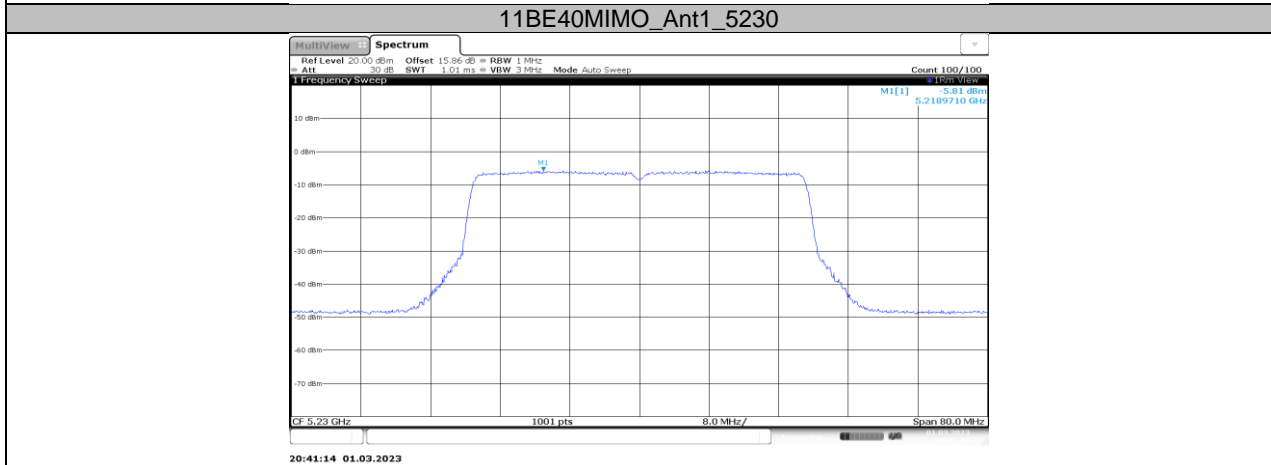
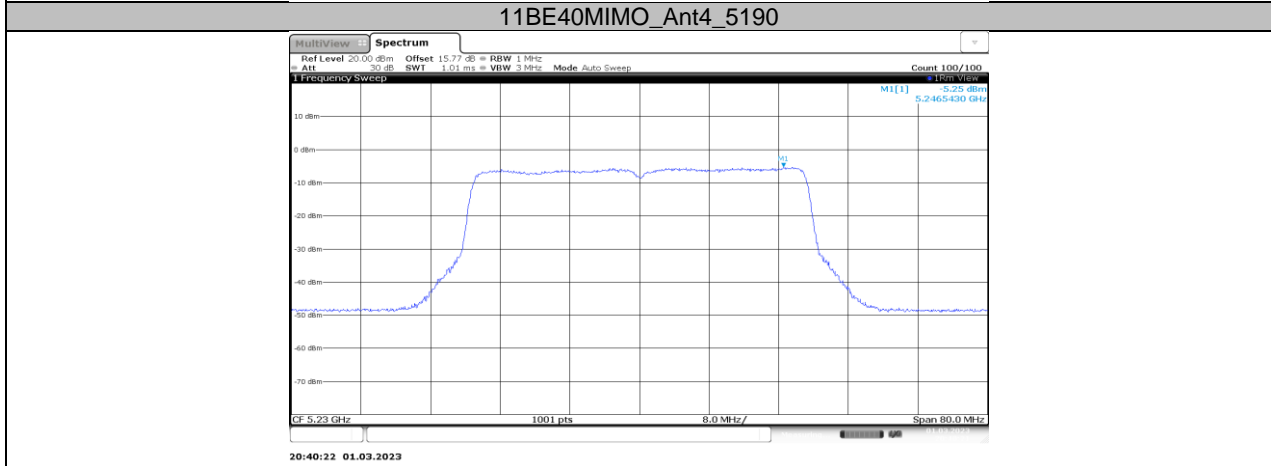
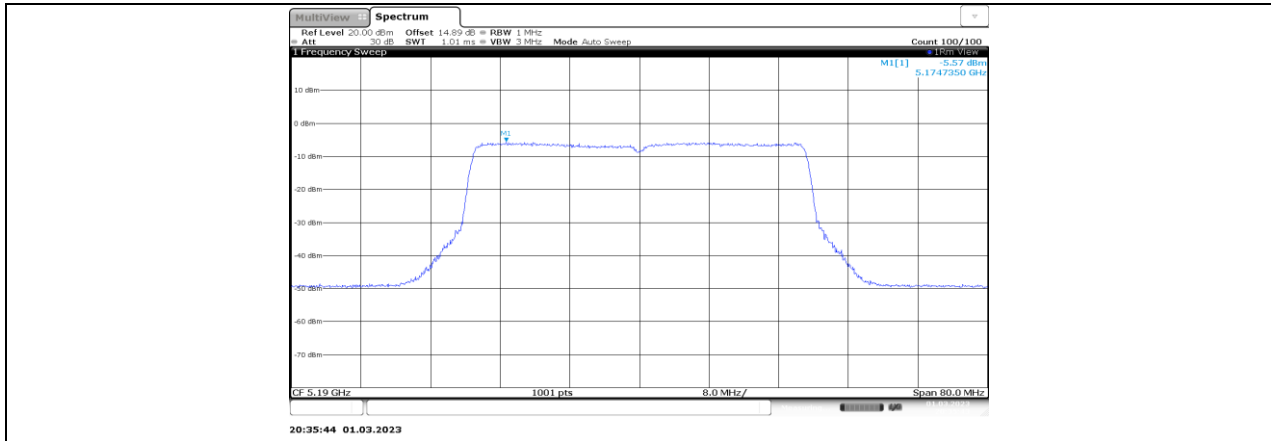
11BE20MIMO\_Ant3\_5240

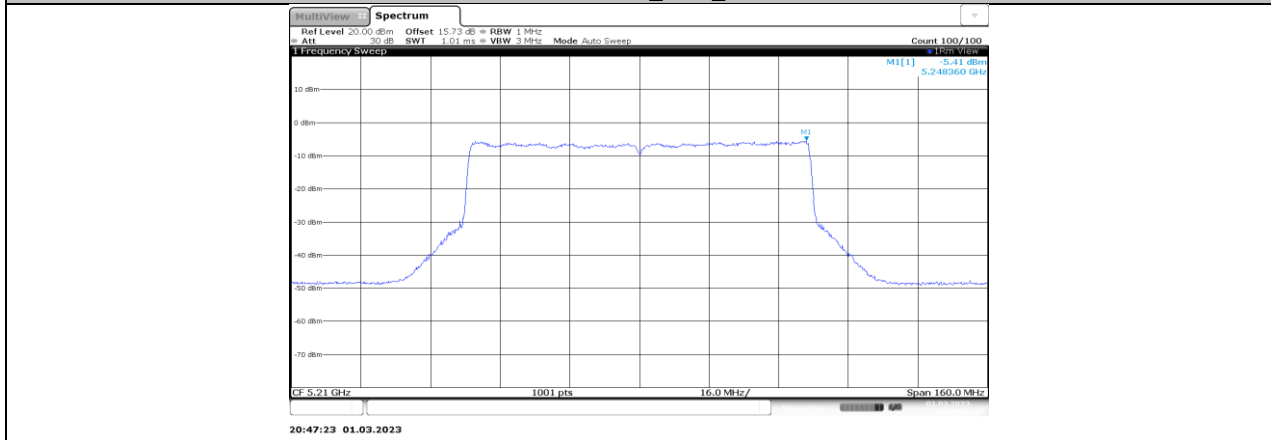
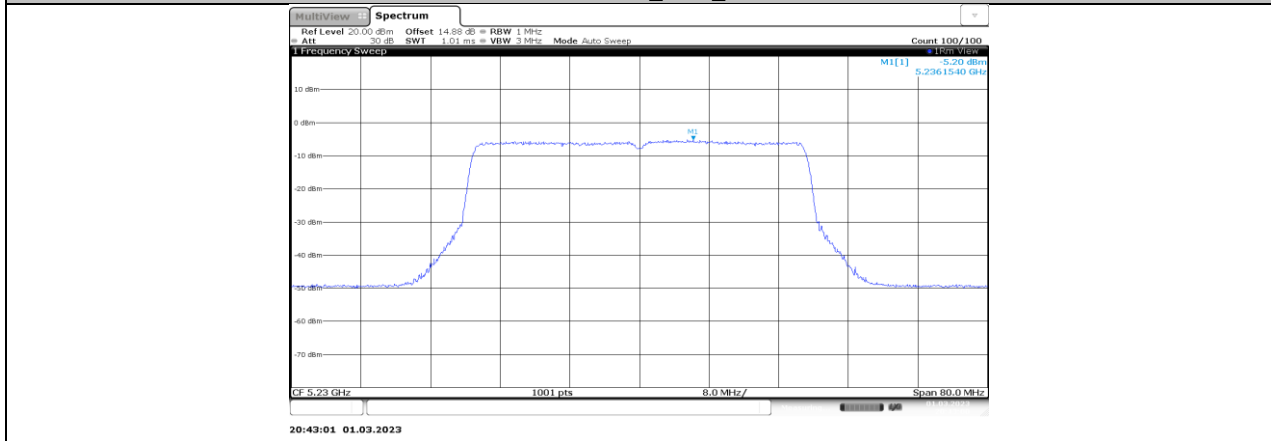
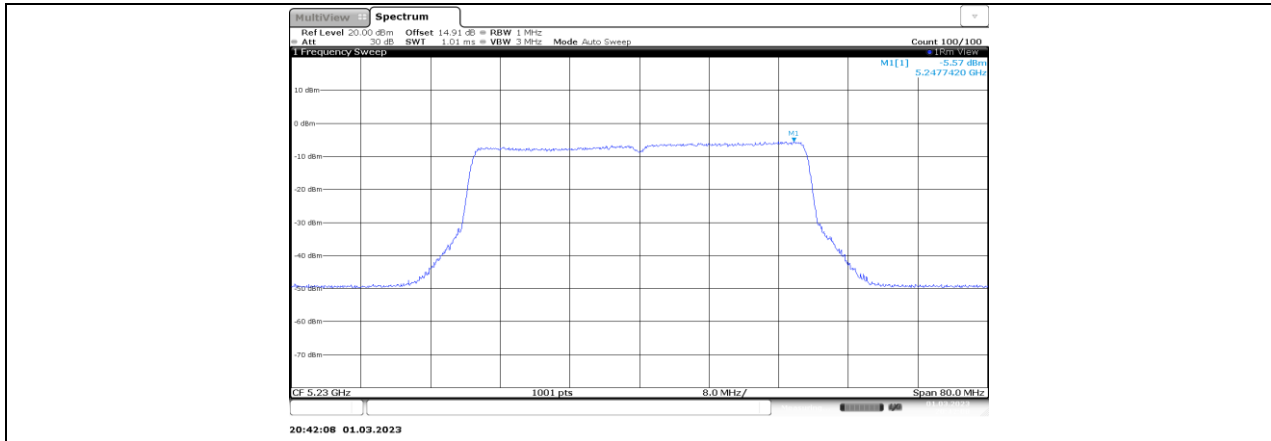


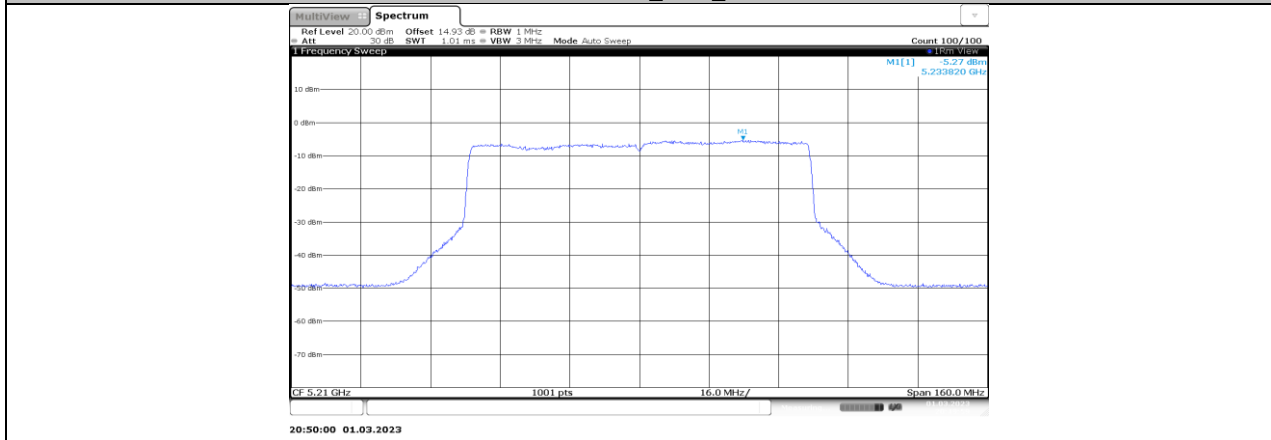
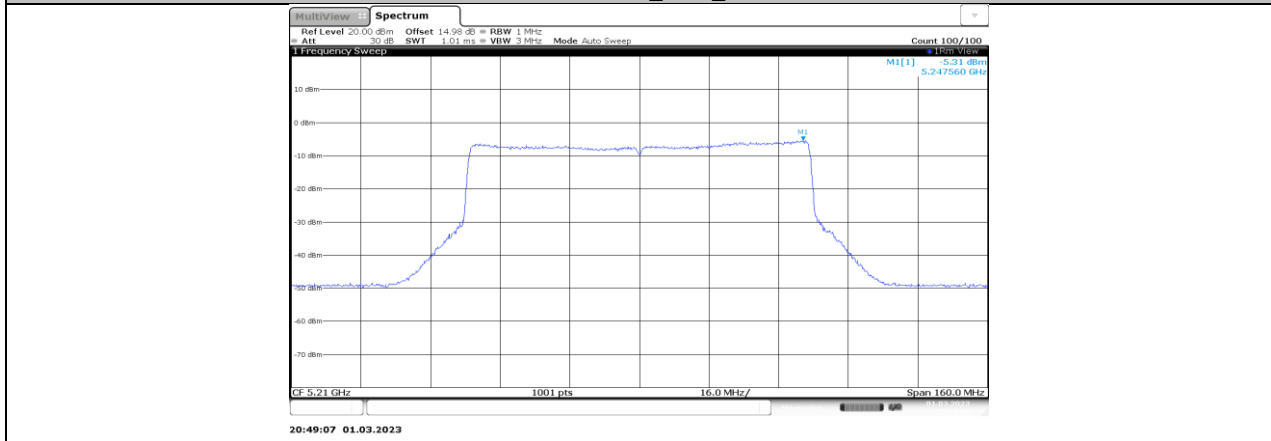
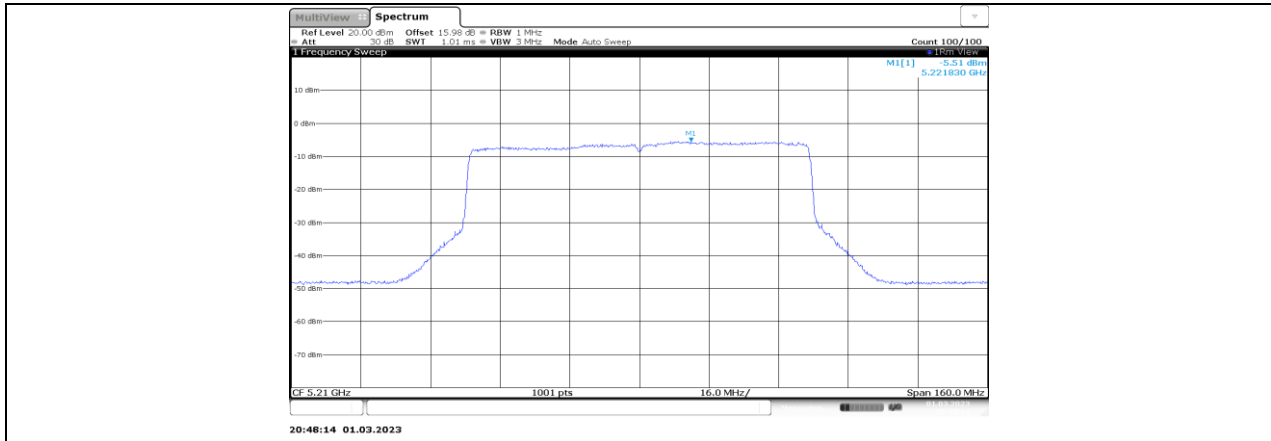
11BE20MIMO\_Ant4\_5240













## 11.6. APPENDIX F: DUTY CYCLE

### 11.6.1. 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	2.98	3.12	0.9551	95.51	0.20	0.34	0.5
11AX20MIMO	3.91	4.07	0.9607	96.07	0.17	0.26	0.5
11AX40MIMO	5.44	6.79	0.8012	80.12	0.96	0.18	0.5
11AX80MIMO	5.29	5.4	0.9796	97.96	0.09	0.19	0.5
11BE20MIMO	5.42	5.68	0.9542	95.42	0.20	0.18	0.5
11BE40MIMO	5.36	5.52	0.9710	97.10	0.13	0.19	0.5
11BE80MIMO	5.45	6.81	0.8003	80.03	0.97	0.18	0.5

Note:

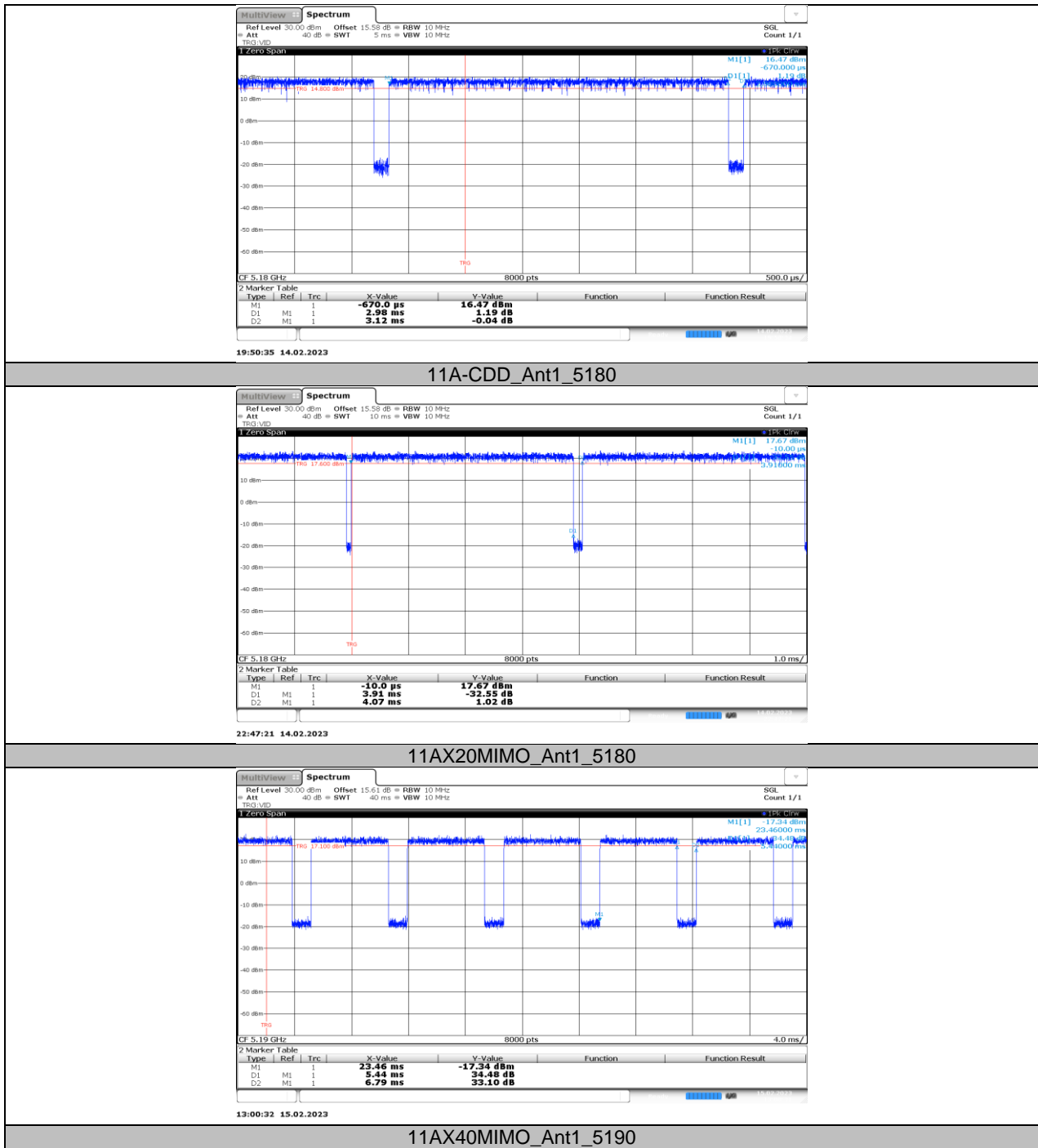
Duty Cycle Correction Factor=10log (1/x).

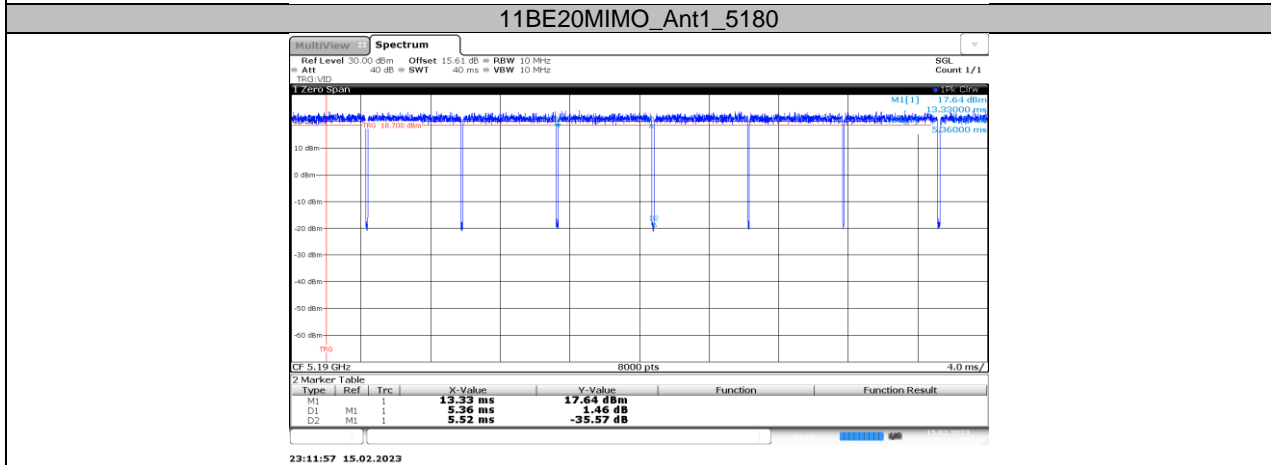
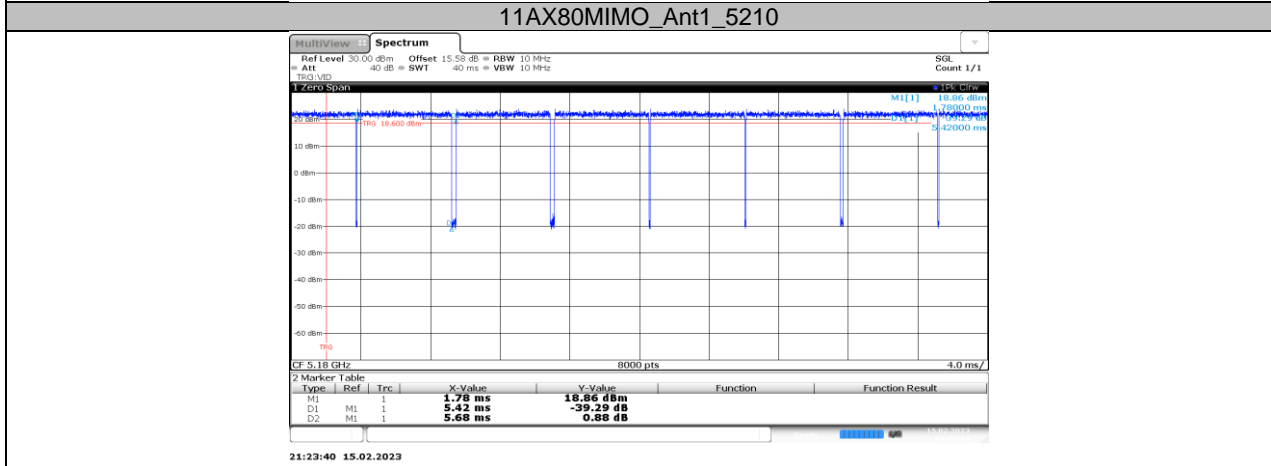
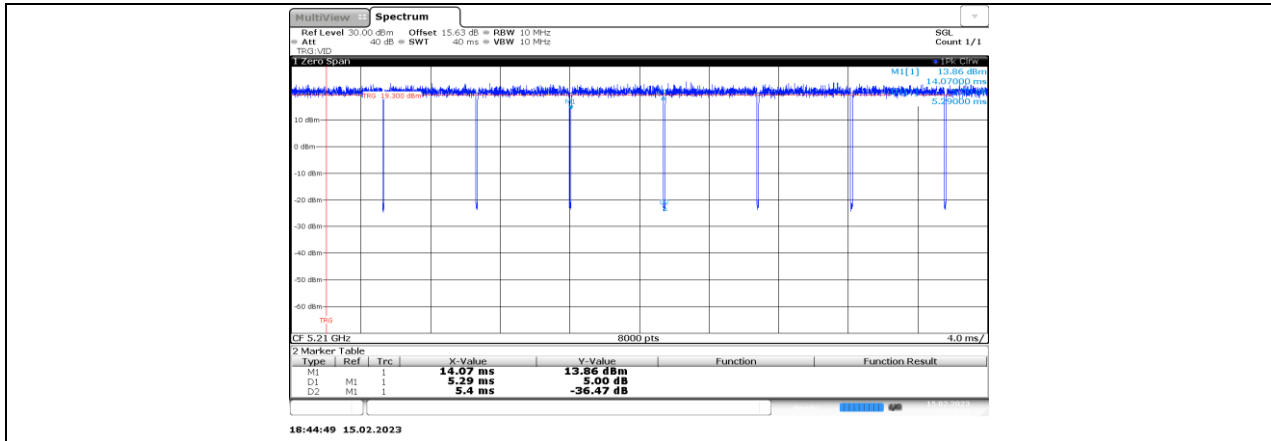
Where: x is Duty Cycle (Linear)

Where: T is On Time

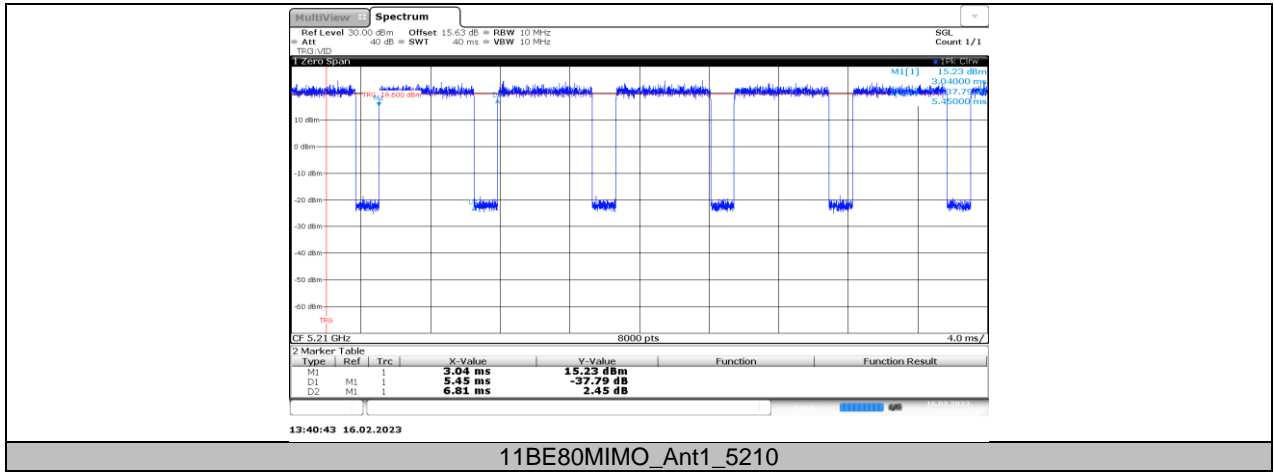
If that calculated VBW is not available on the analyzer then the next higher value should be used.

### 11.6.2. Test Graphs





11BE40MIMO\_Ant1\_5190





**11.7. APPENDIX G: FREQUENCY STABILITY****11.7.1. 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	5199.9899	-1.94	5199.9795	-3.94	5200.0144	2.77	5199.9894	-2.03
TN	VN	5199.9949	-0.98	5200.0103	1.99	5200.0067	1.28	5199.9844	-3.01
TN	VH	5200.0244	4.68	5200.0151	2.91	5199.9912	-1.70	5199.9971	-0.56
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	5200.0055	1.06	5200.0004	0.08	5200.0027	0.52	5200.0020	0.38
30	VN	5200.0116	2.23	5199.9974	-0.49	5199.9904	-1.85	5200.0115	2.21
20	VN	5199.9793	-3.98	5200.0096	1.85	5199.9966	-0.66	5199.9889	-2.13
10	VN	5200.0032	0.61	5199.9923	-1.47	5200.0115	2.21	5200.0229	4.40
0	VN	5200.0144	2.77	5199.9822	-3.41	5199.9896	-1.99	5199.9754	-4.73

**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.

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**END OF REPORT**