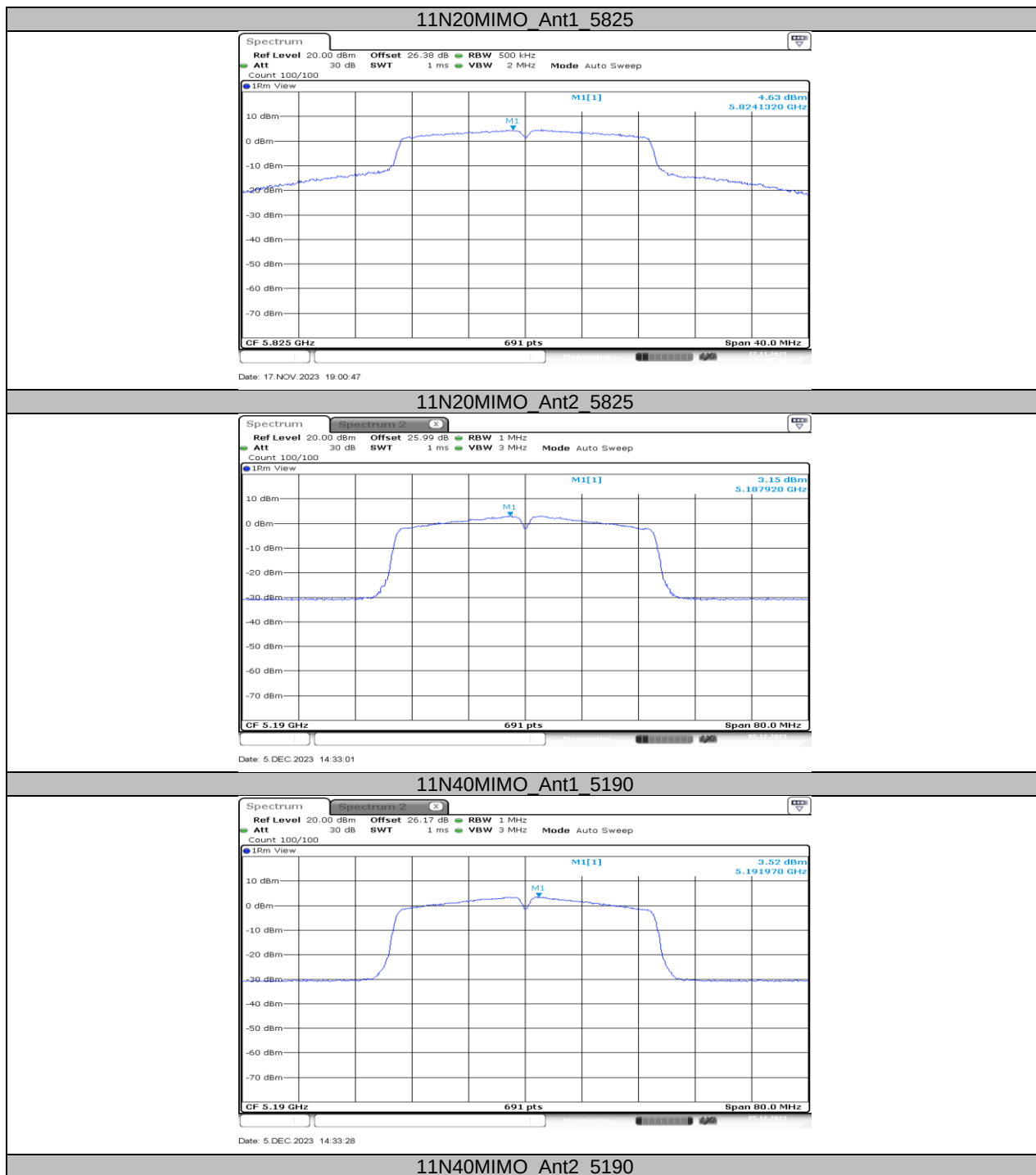
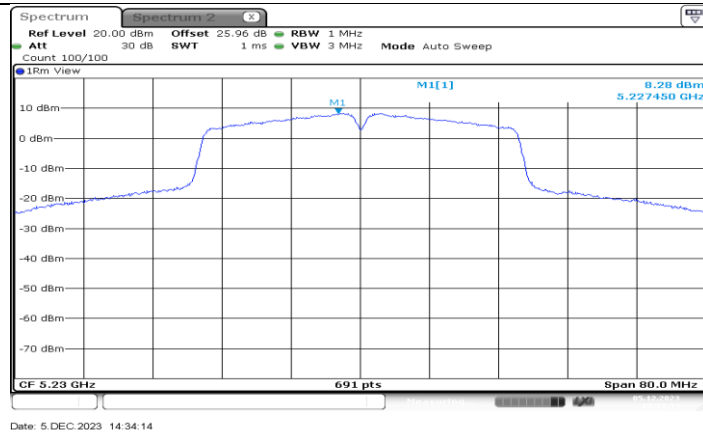
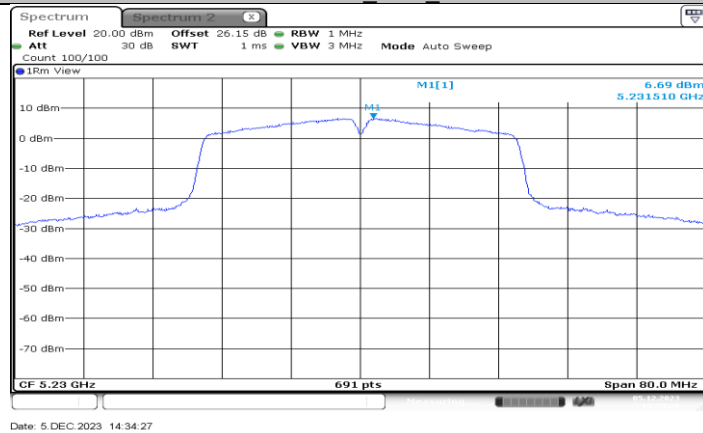






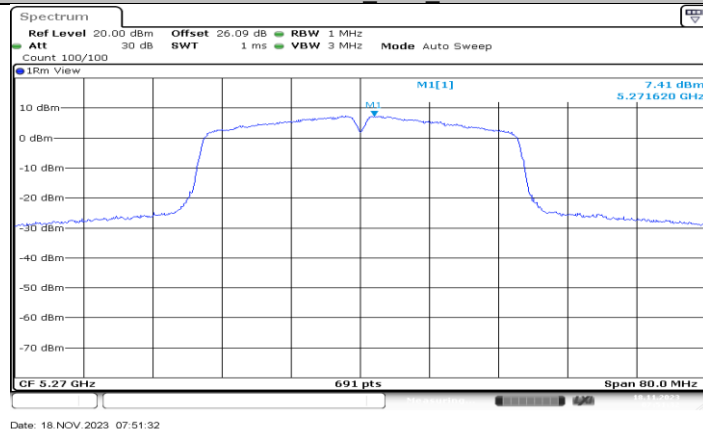
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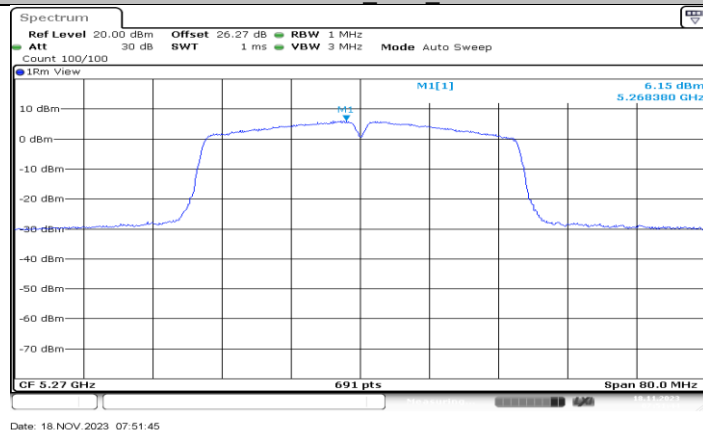
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11N40MIMO_Ant2_5230

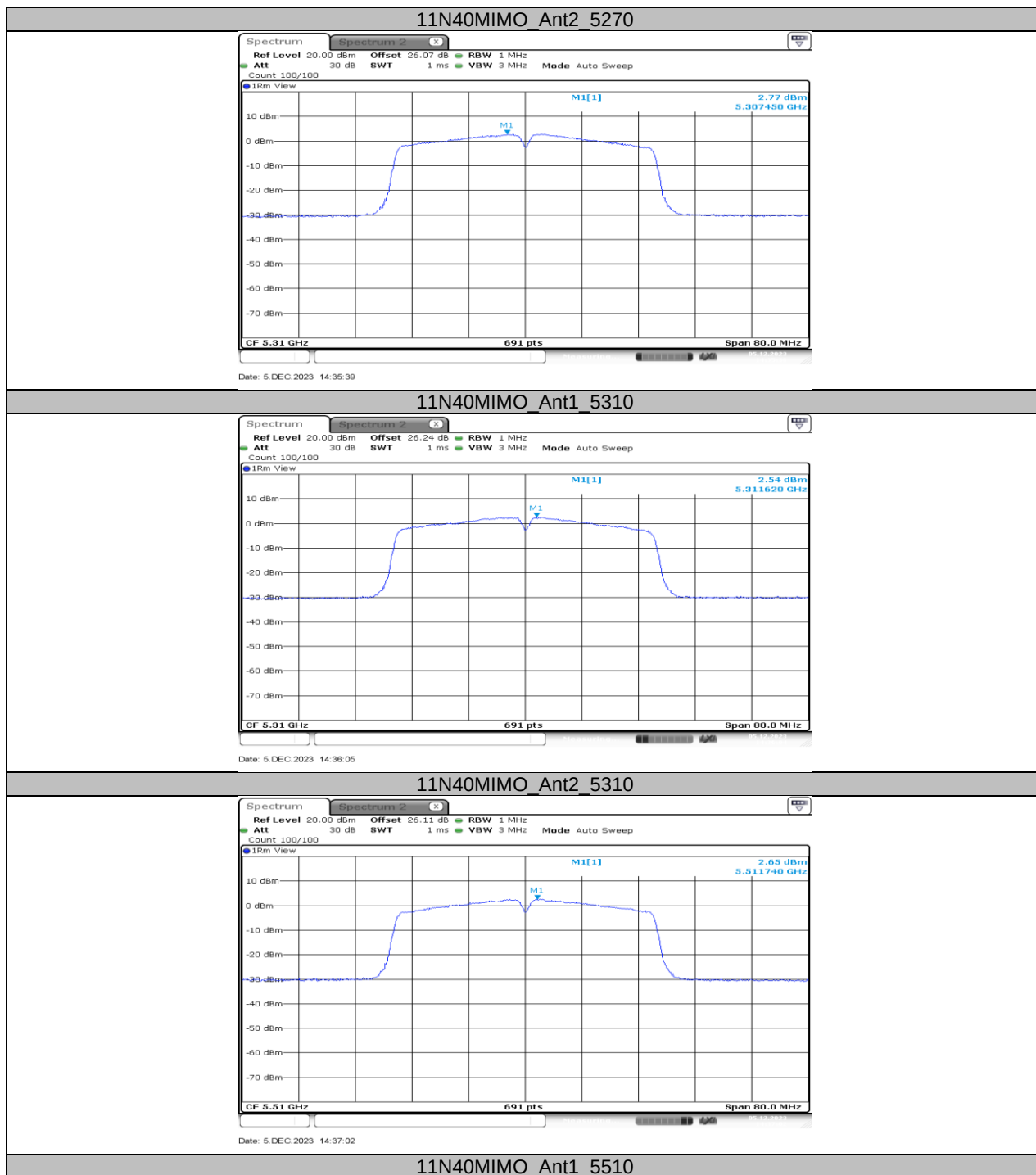


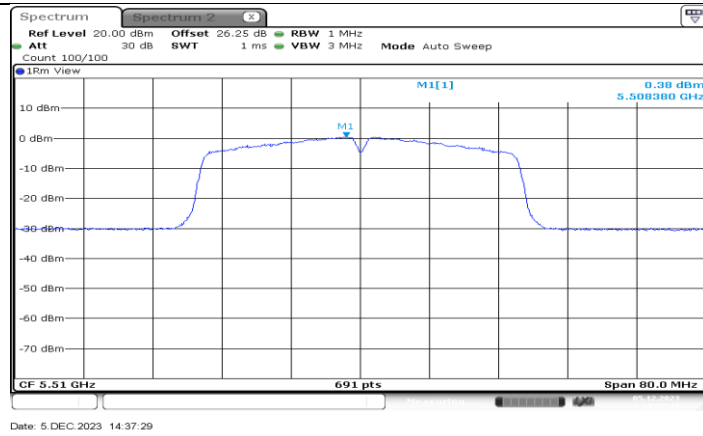
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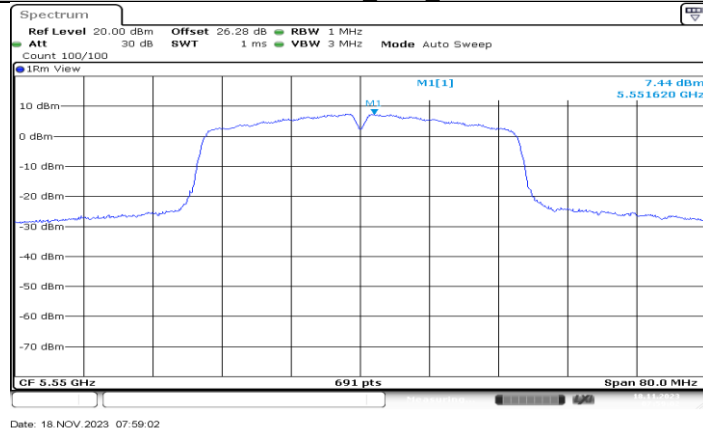


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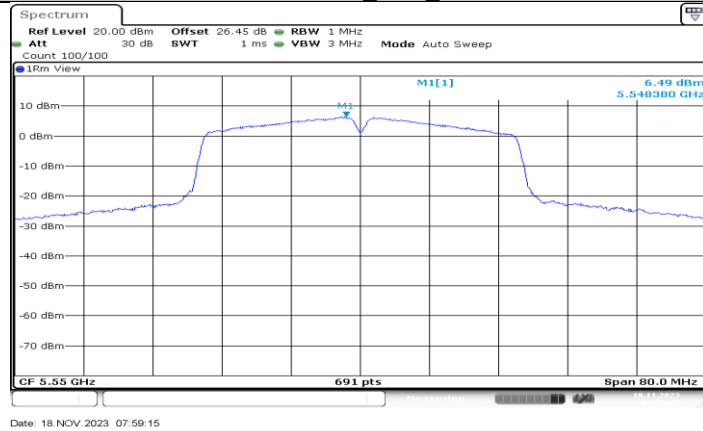




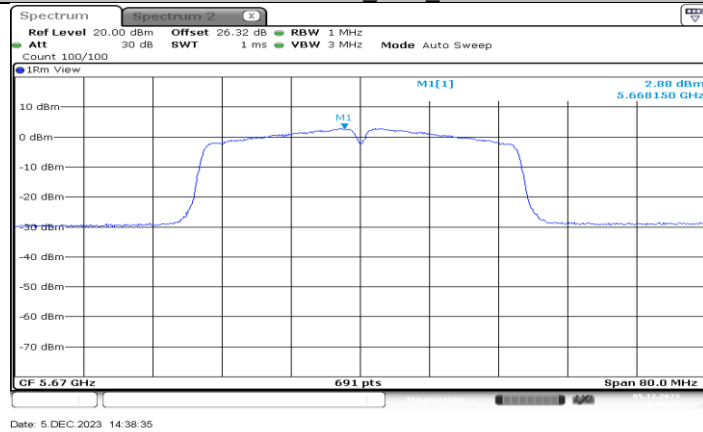
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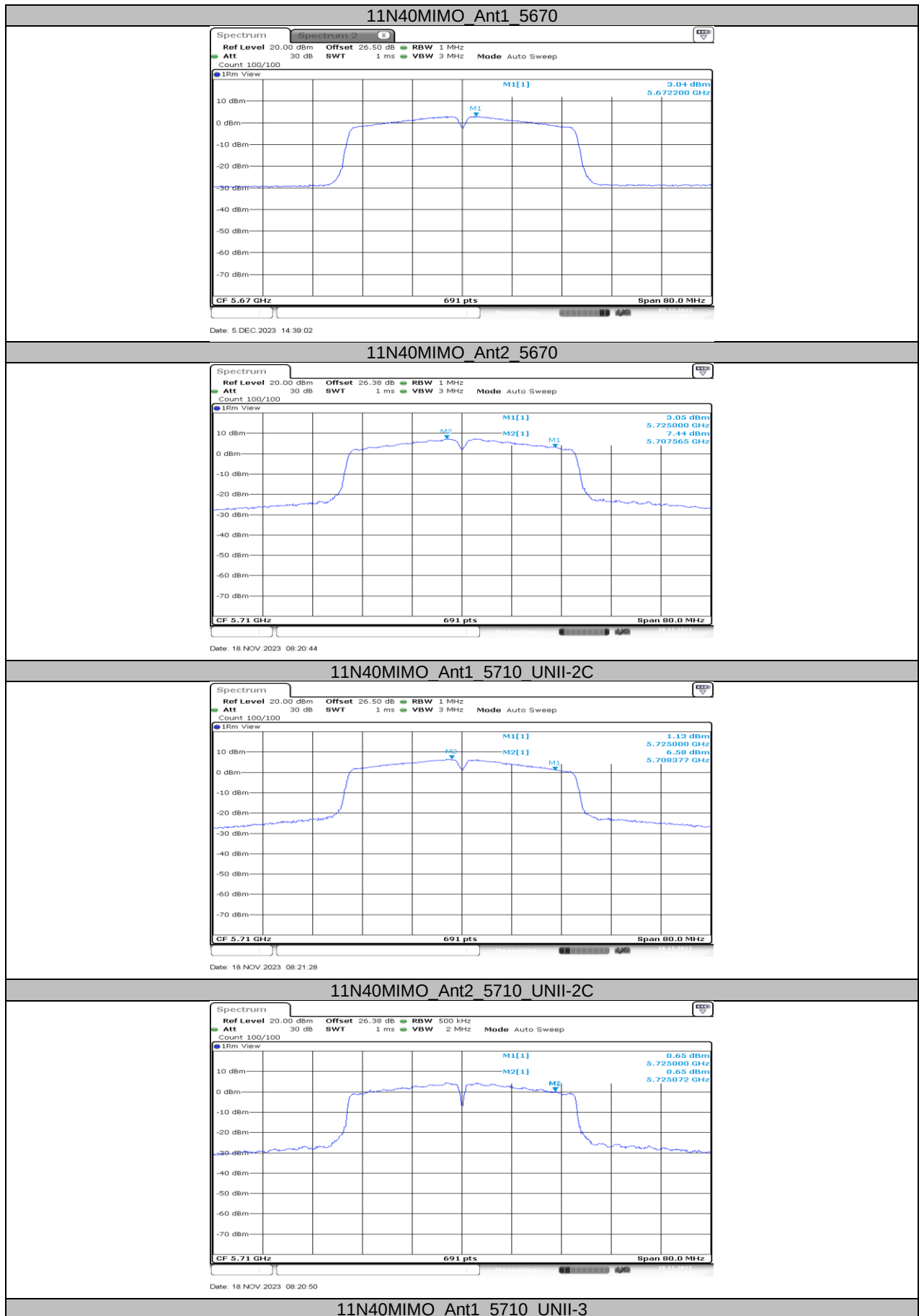


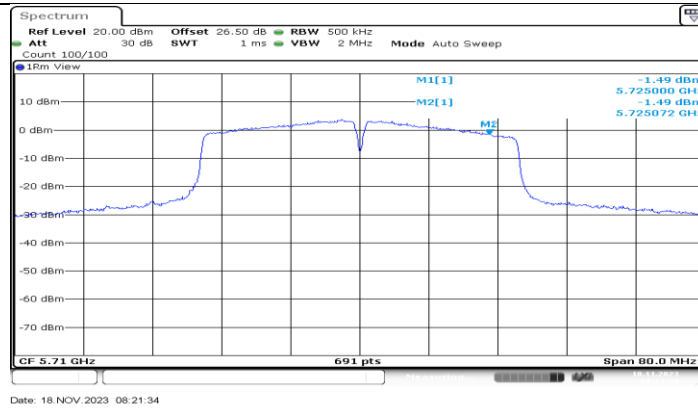
11N40MIMO_Ant1_5550



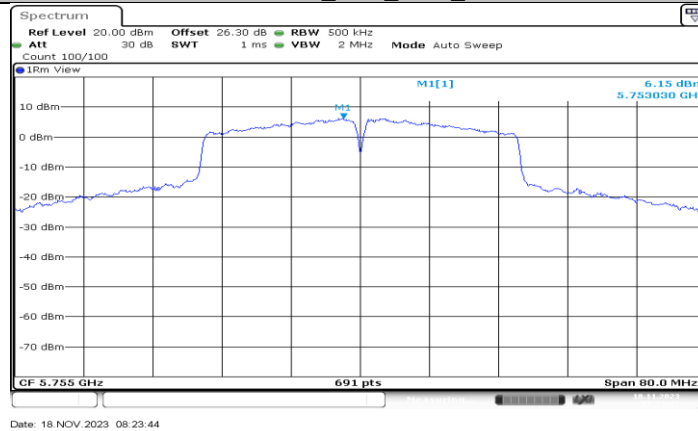
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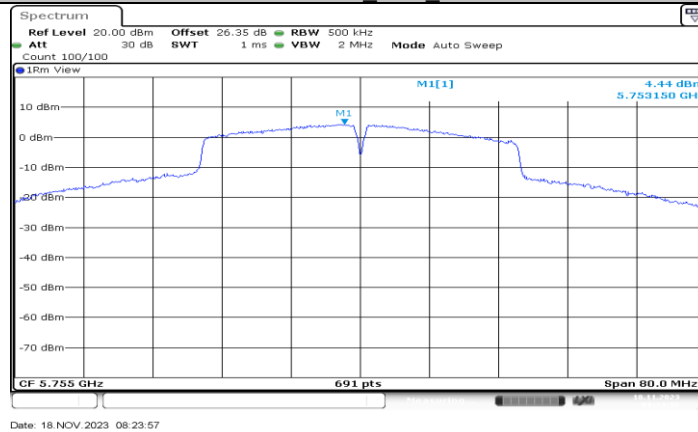




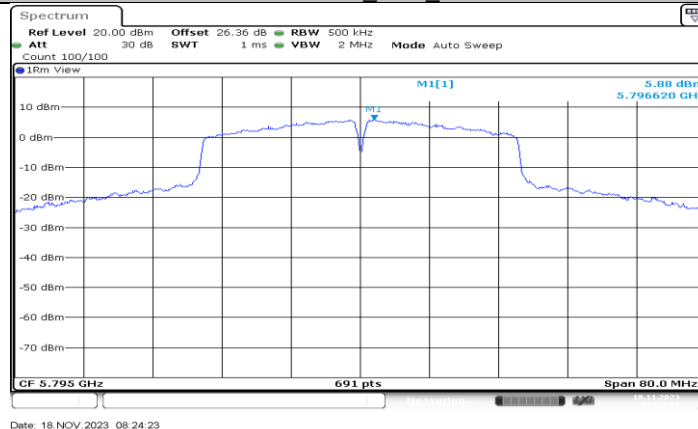
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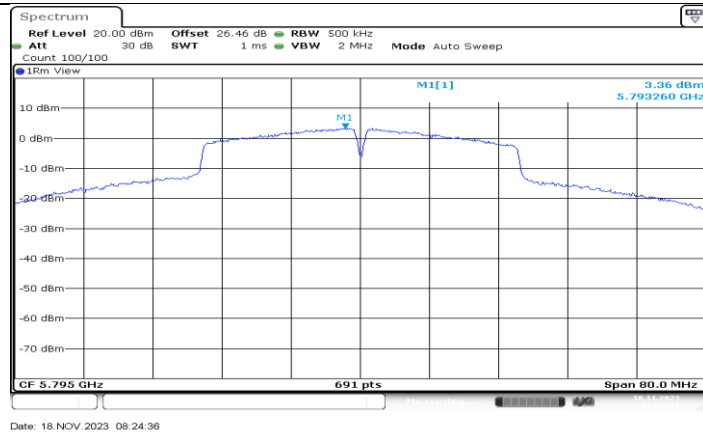
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11N40MIMO_Ant2_5755

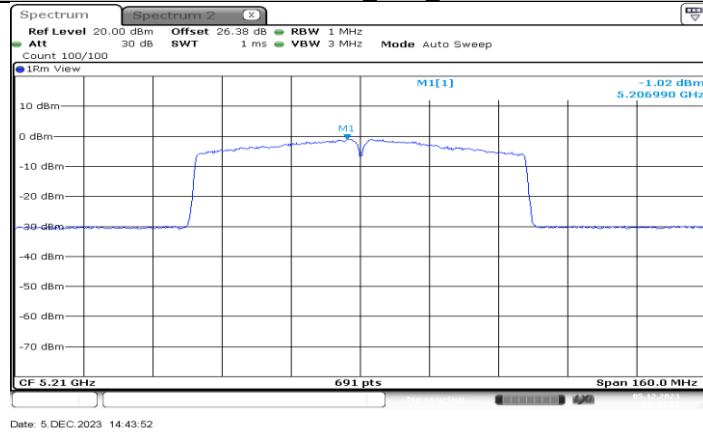


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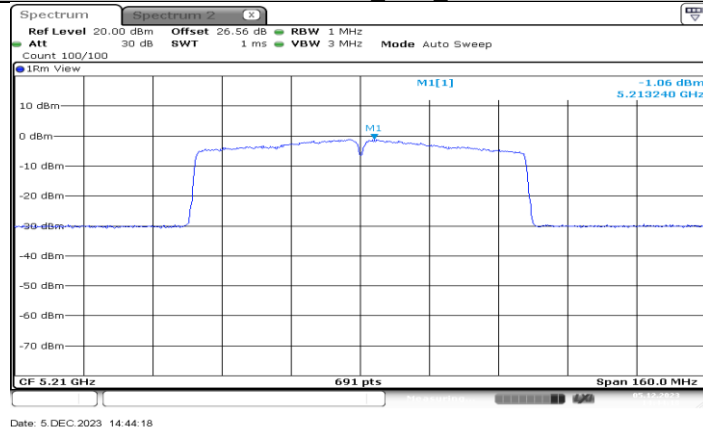
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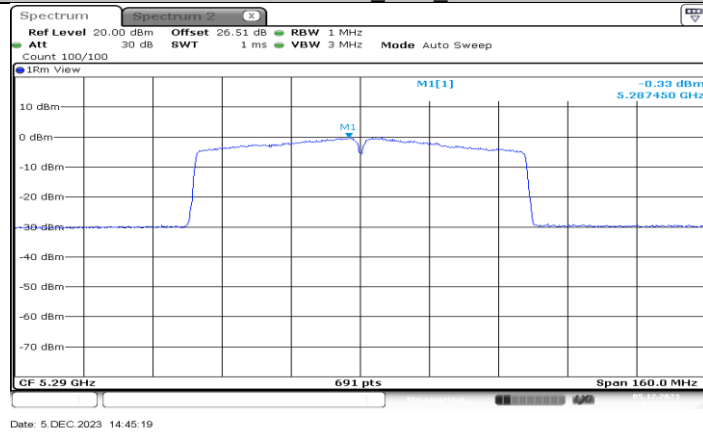
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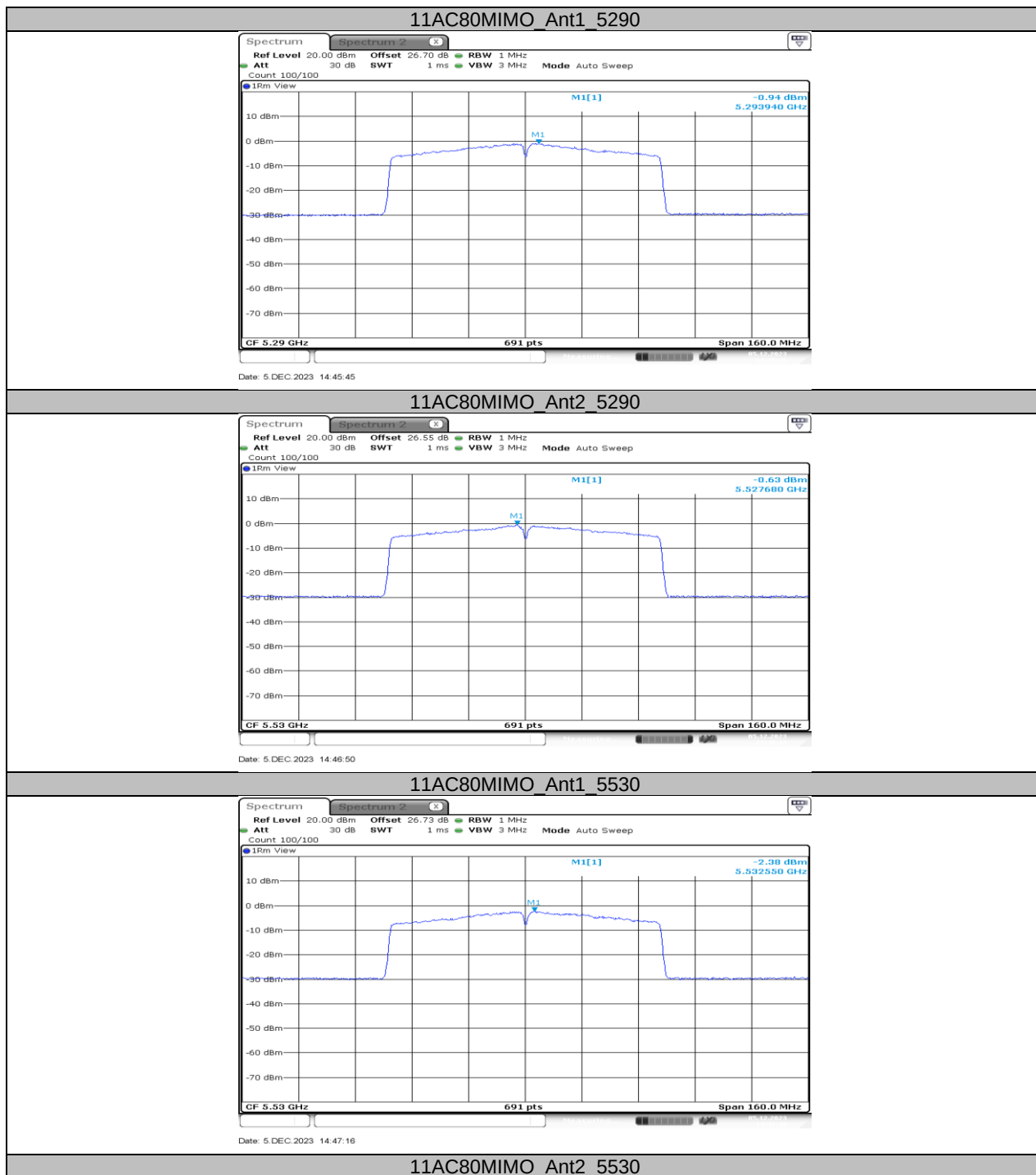


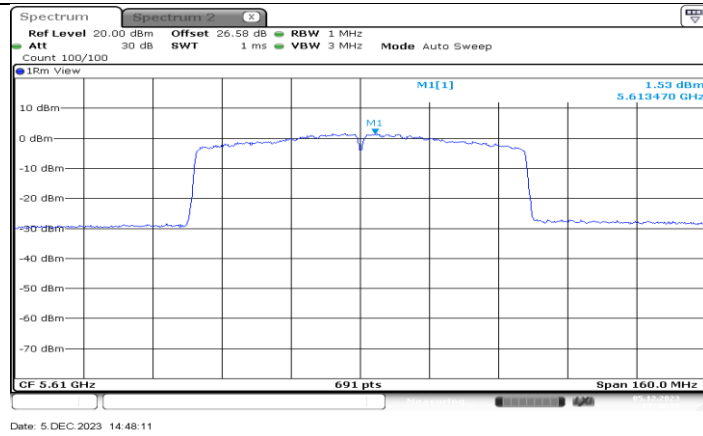
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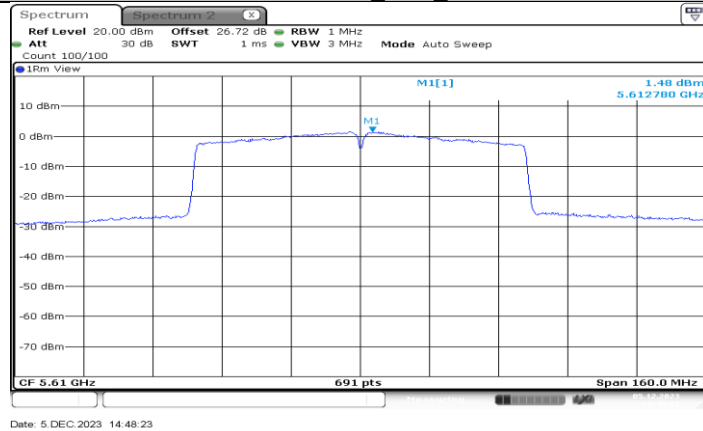


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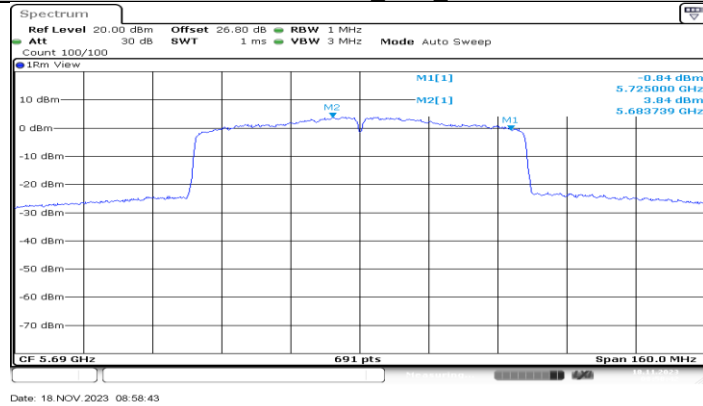




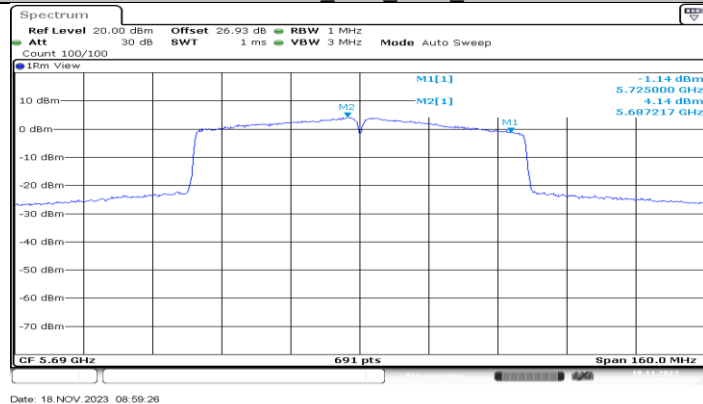
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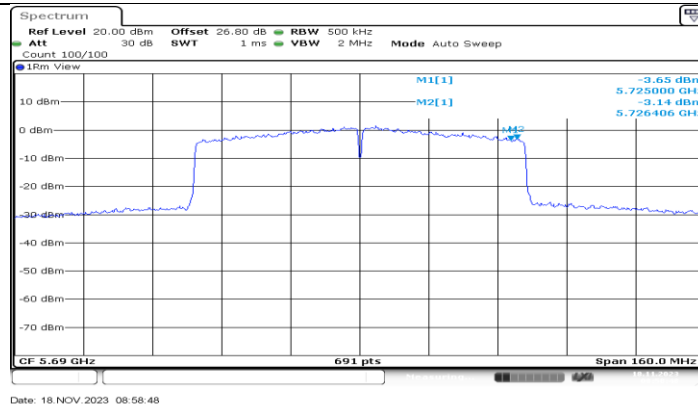
11AC80MIMO_Ant2_5610



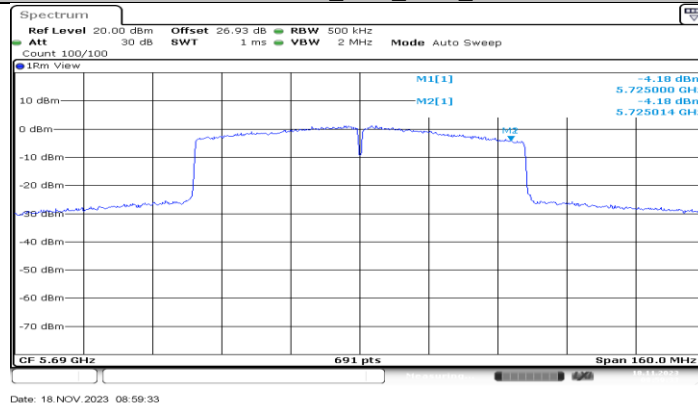
11AC80MIMO_Ant1_5690_UNII-2C



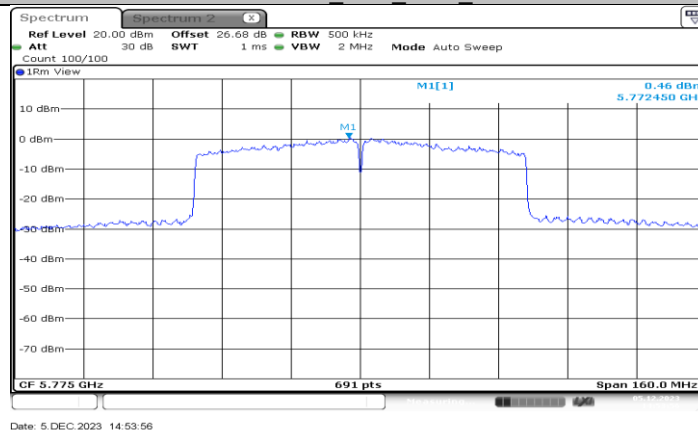
11AC80MIMO_Ant2_5690_UNII-2C



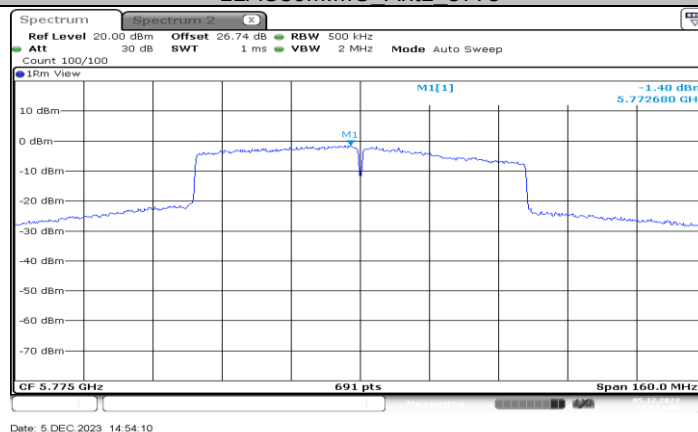
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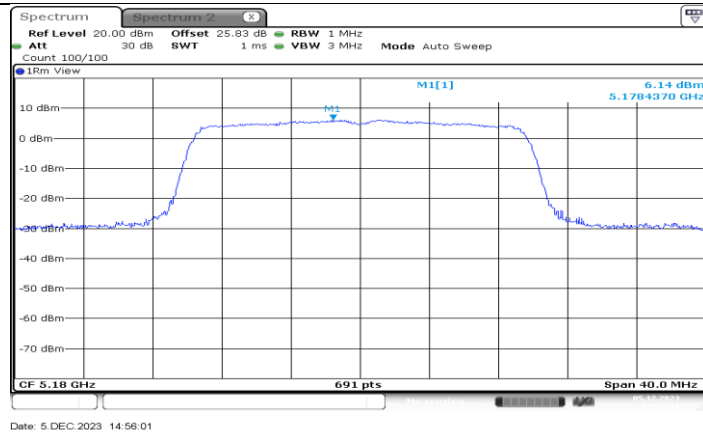
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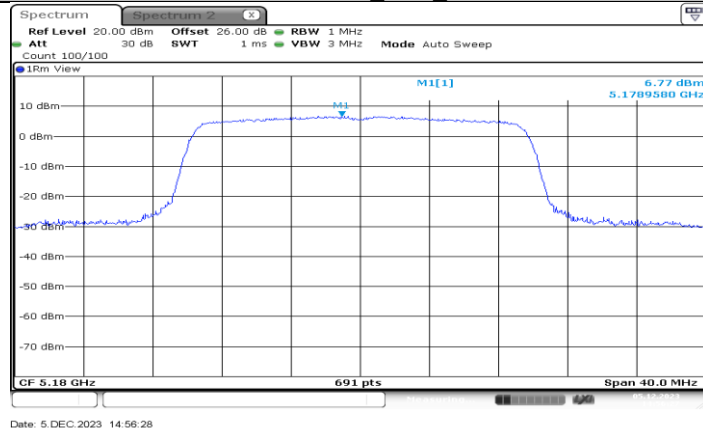
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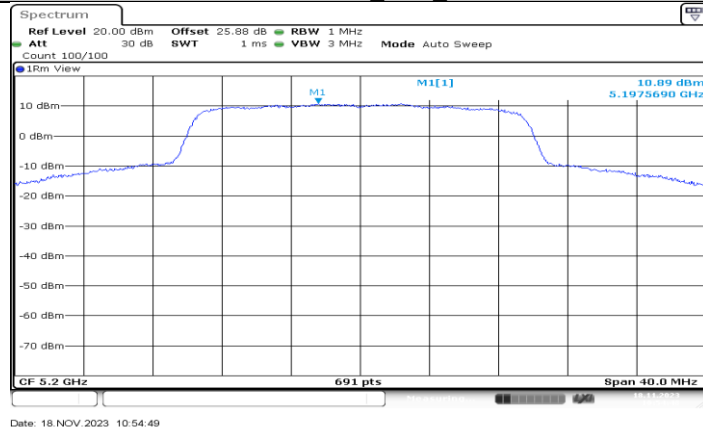
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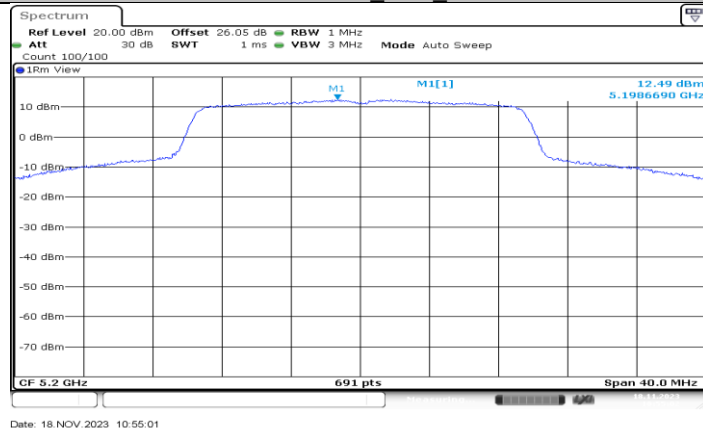
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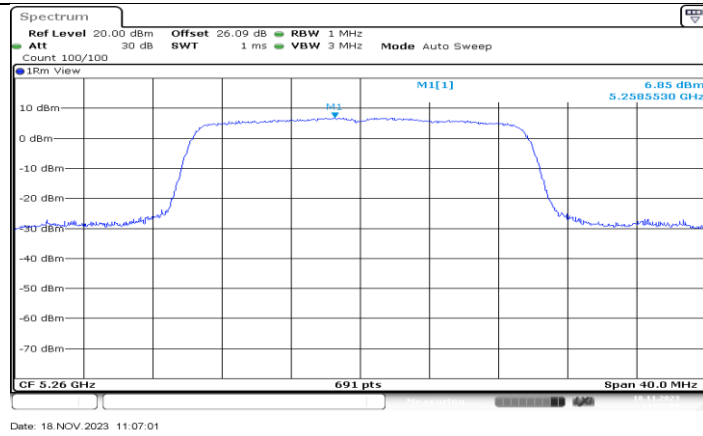
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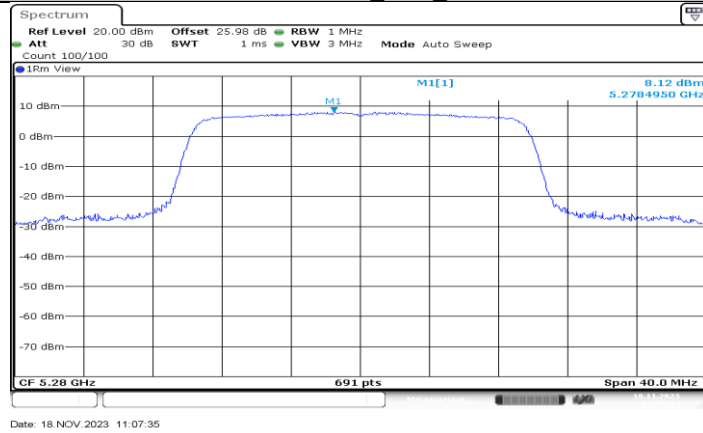
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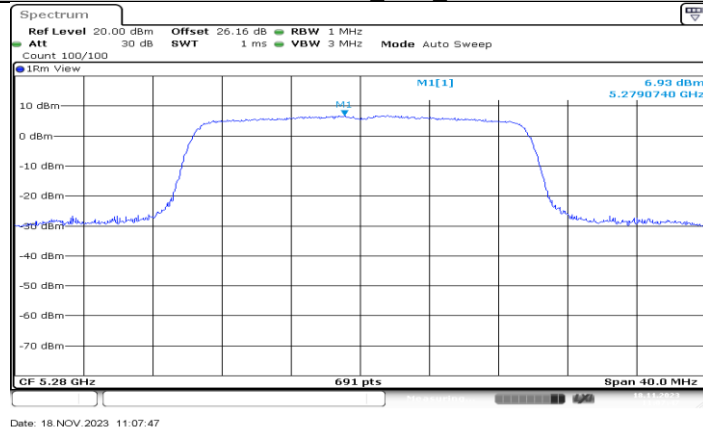




11AX20MIMO_Ant2_5260

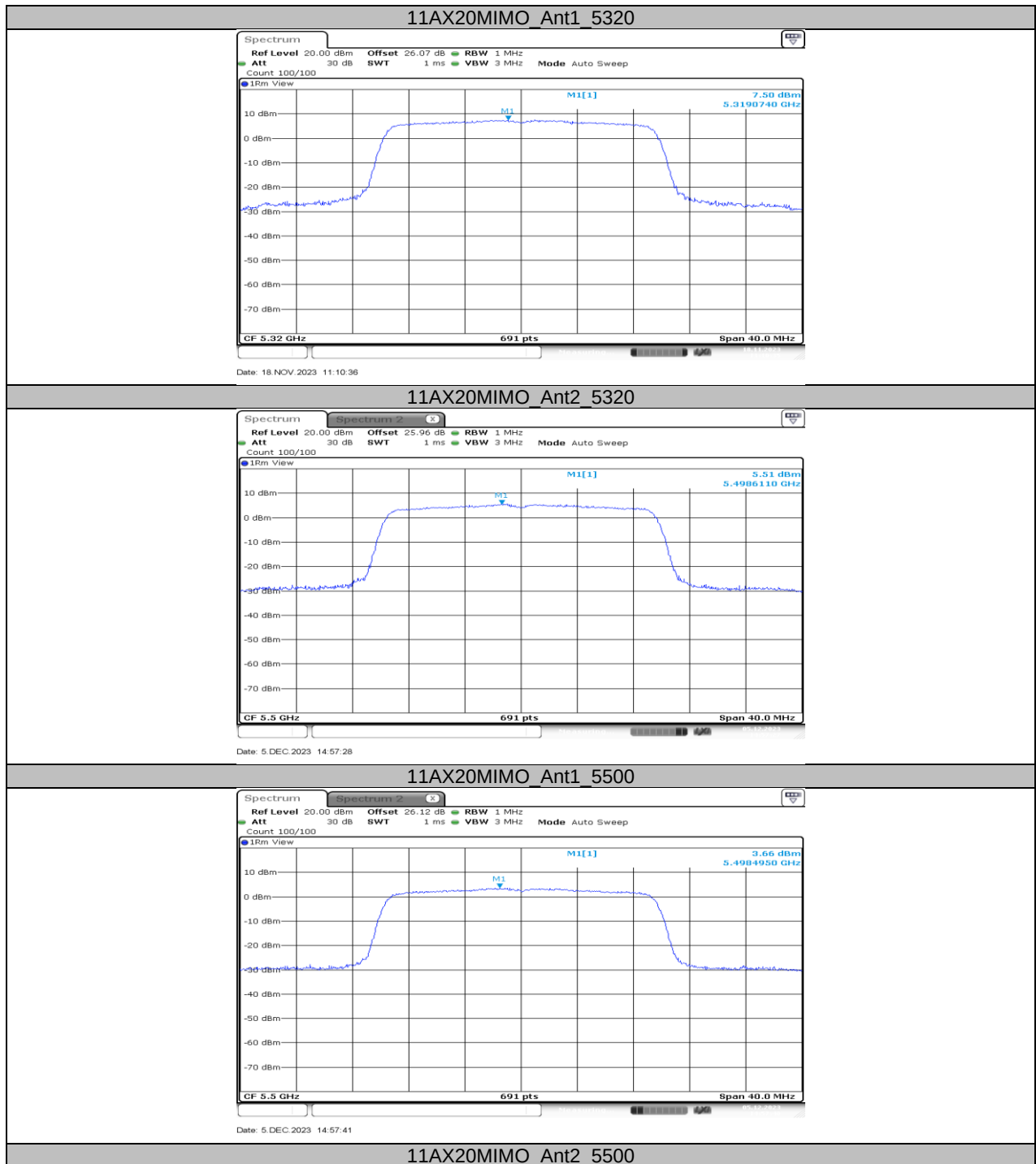


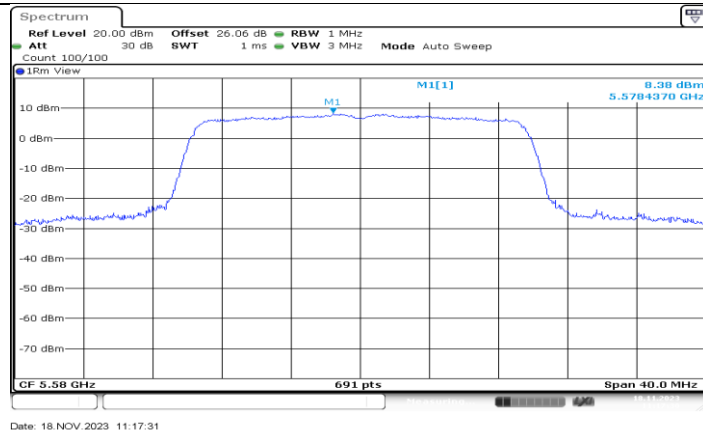
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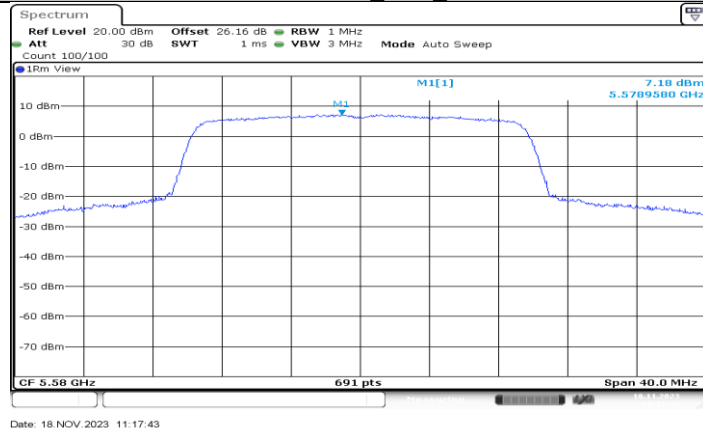
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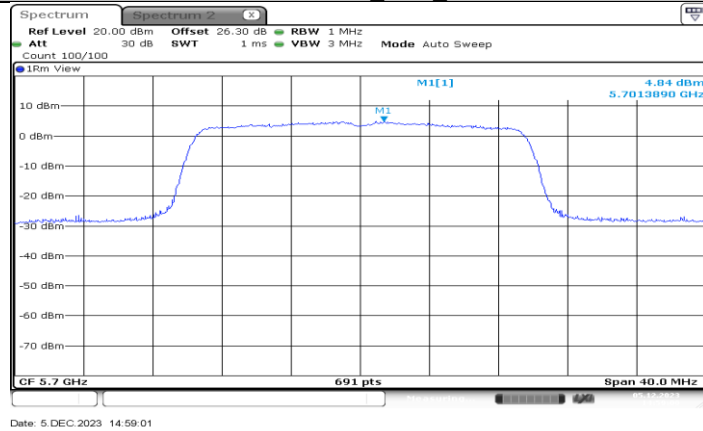




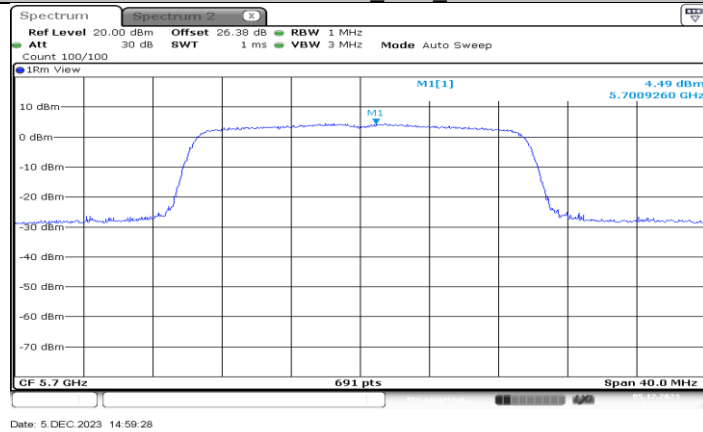
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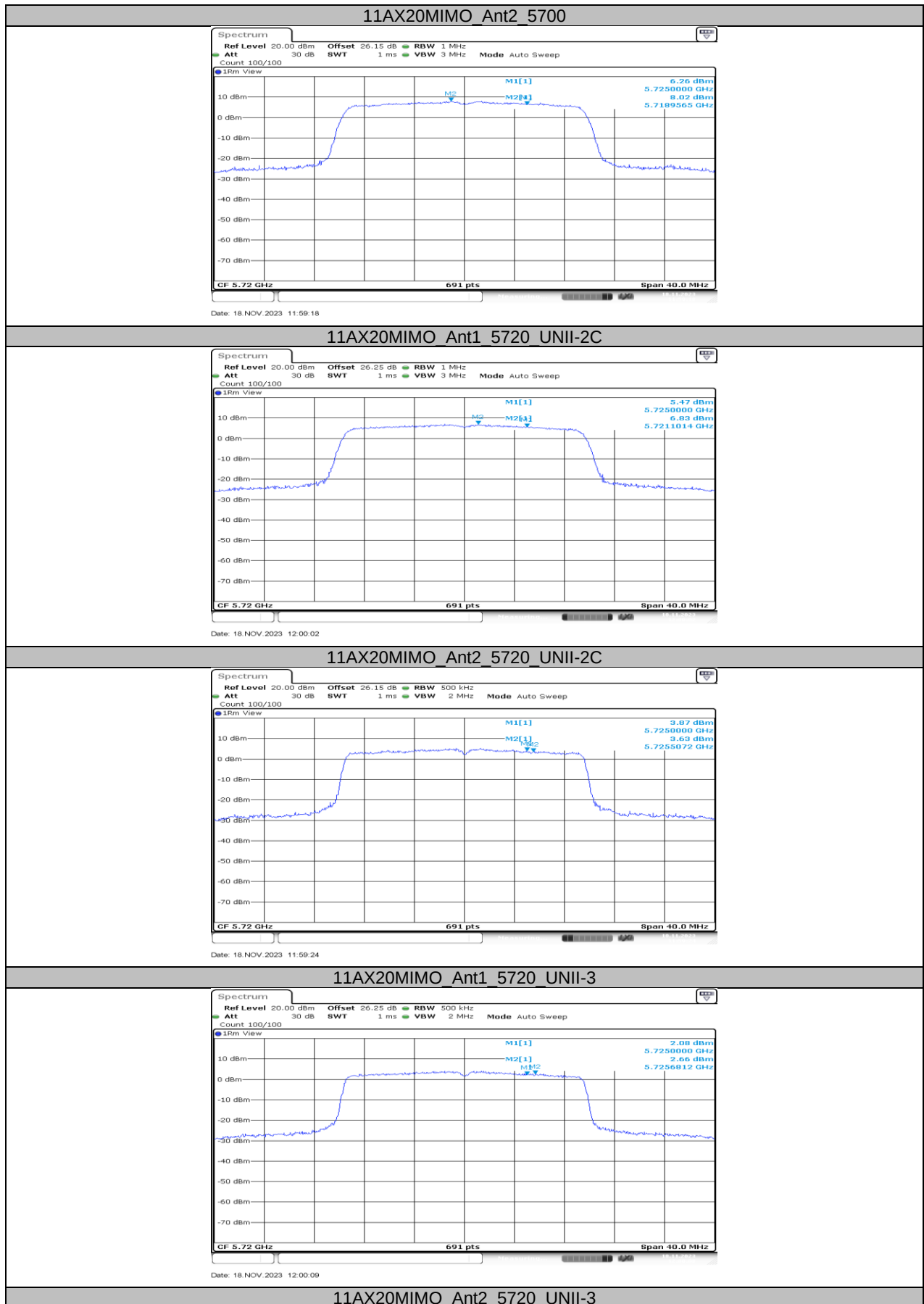


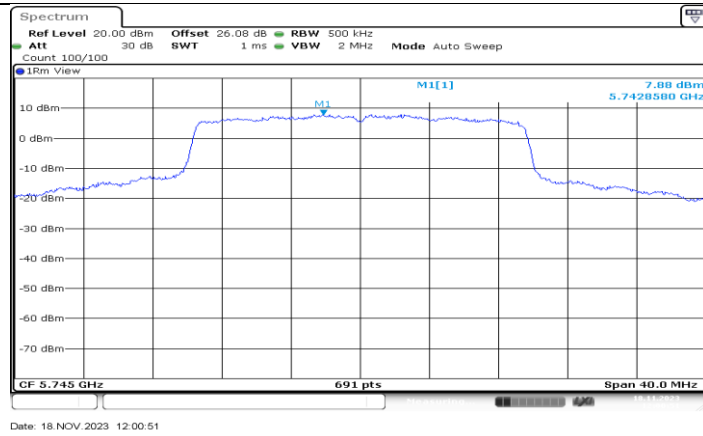
11AX20MIMO_Ant2_5580



11AX20MIMO_Ant1_5700

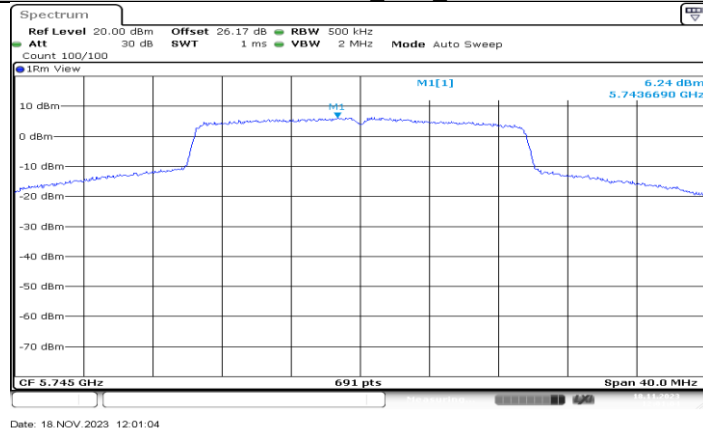






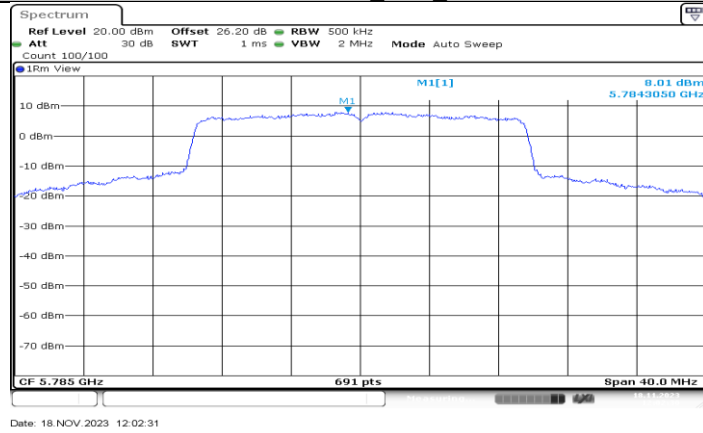
Date: 18.NOV.2023 12:00:51

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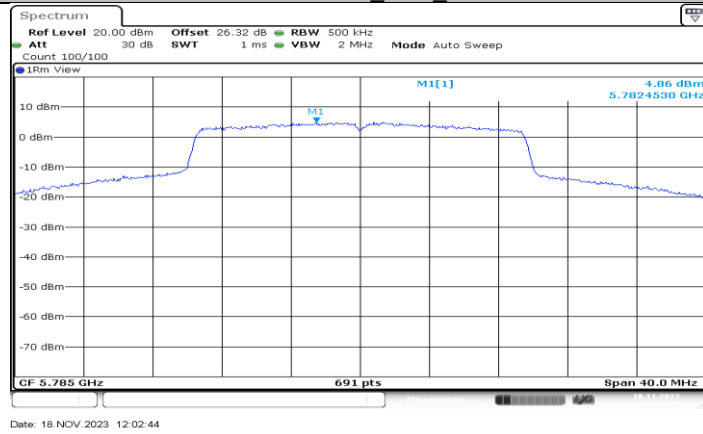
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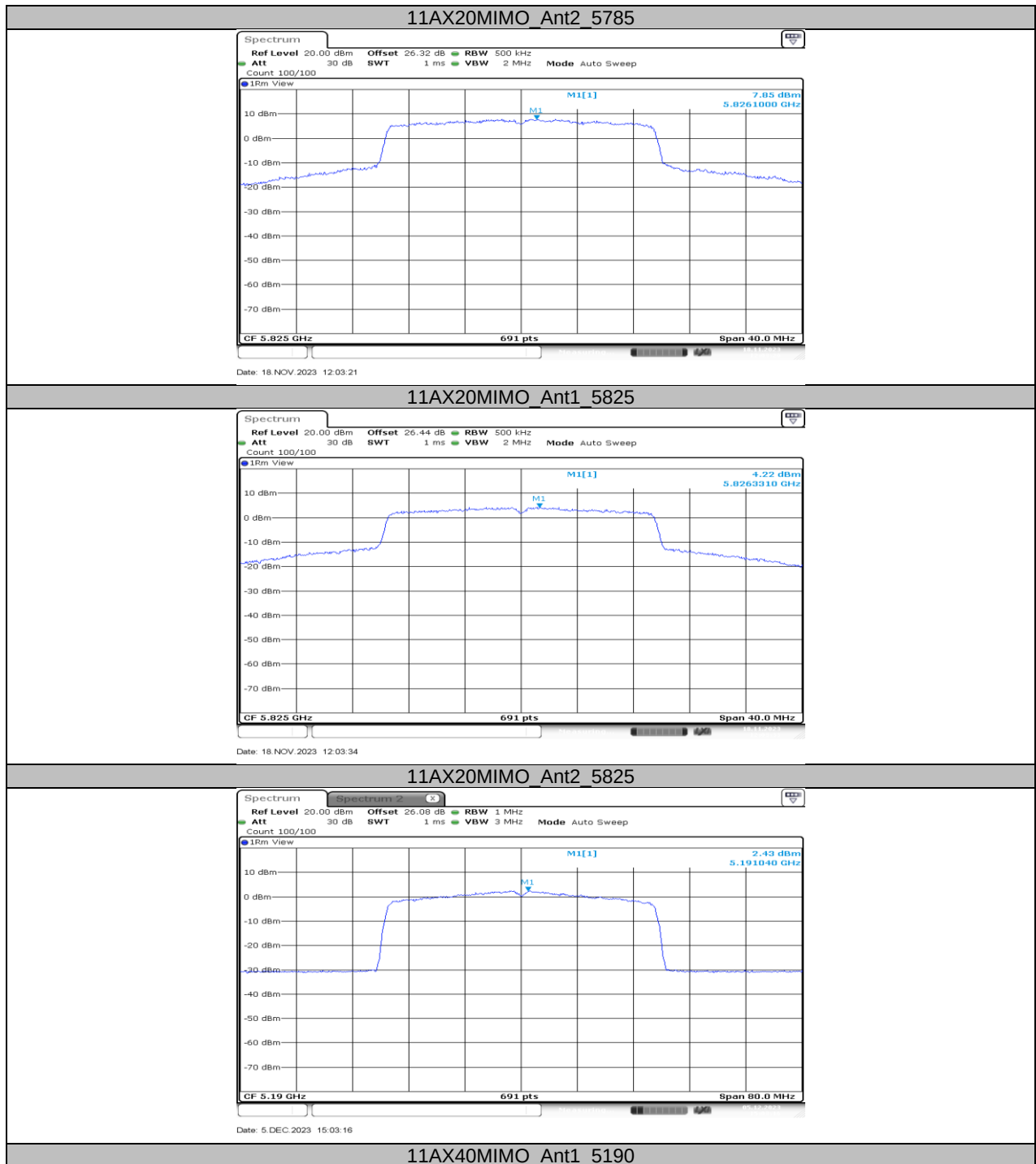


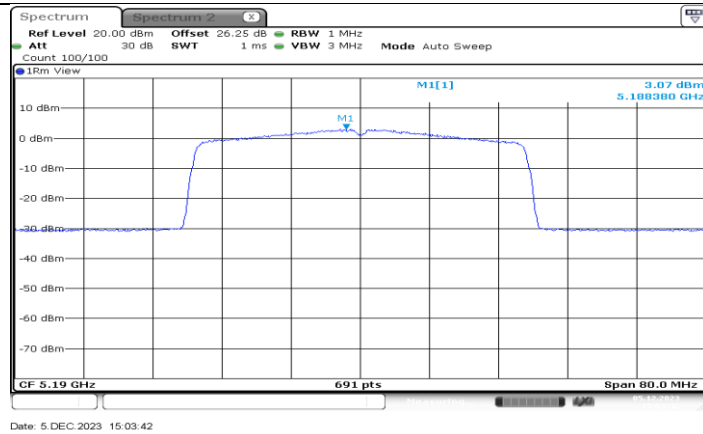
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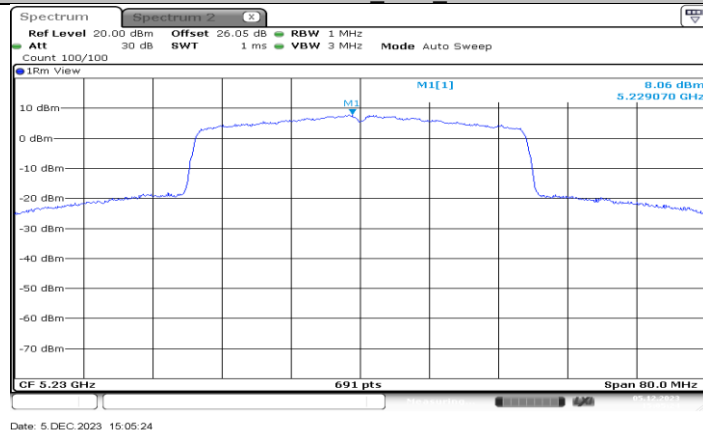
Date: 18.NOV.2023 12:02:44





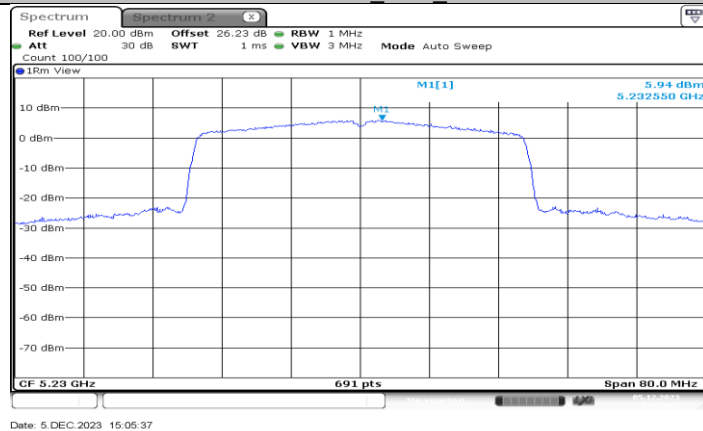
Date: 5 DEC 2023 15:03:42

11AX40MIMO_Ant2_5190



Date: 5 DEC 2023 15:05:24

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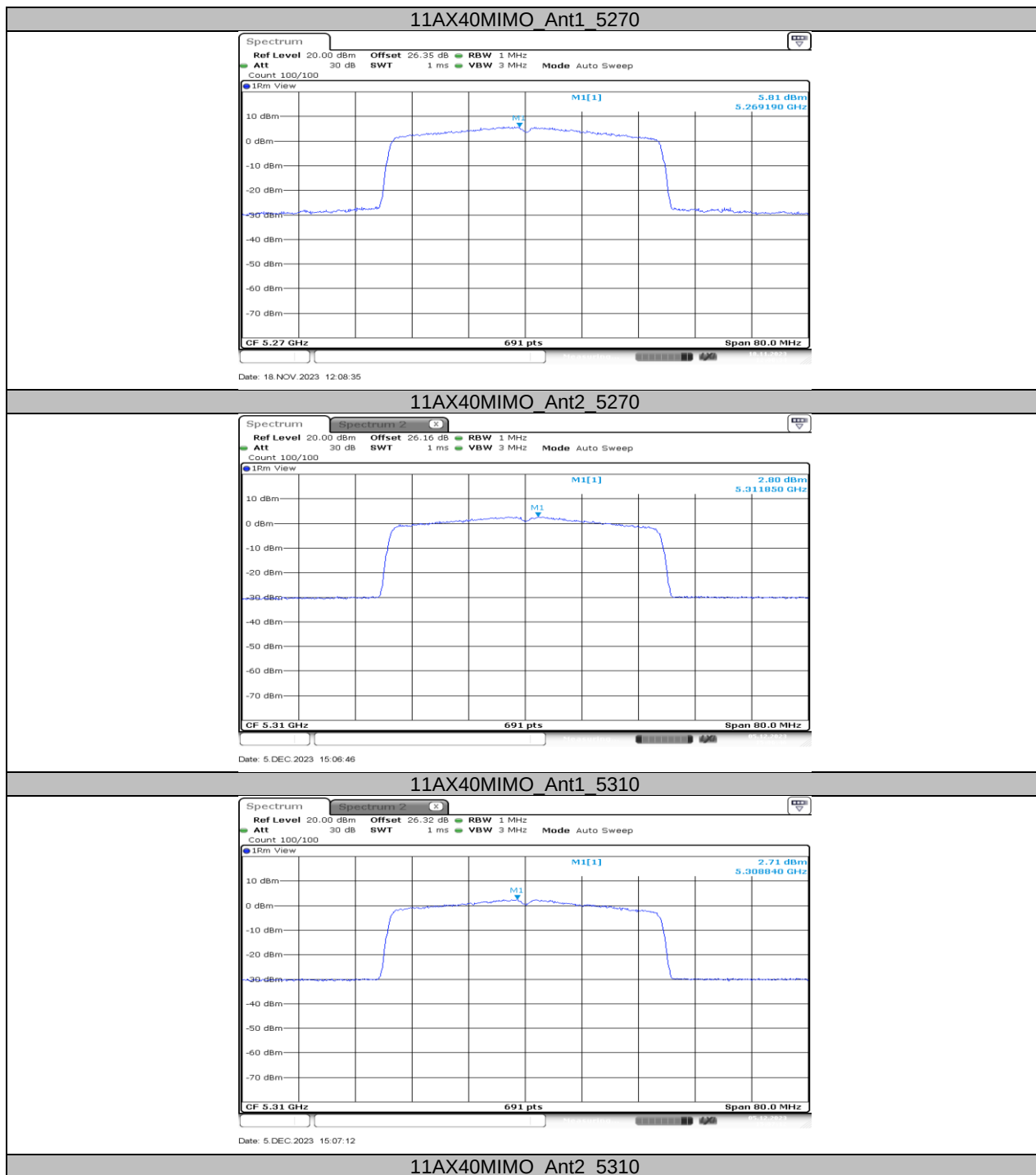


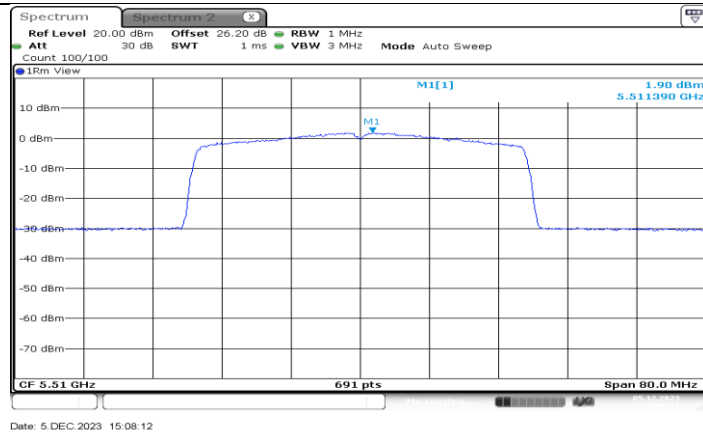
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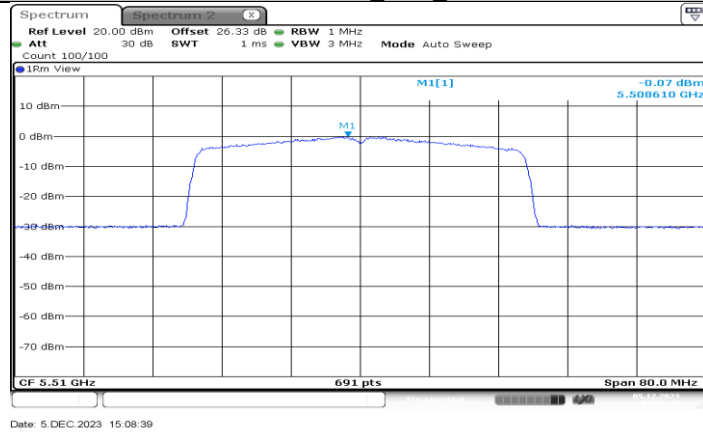


Date: 18 NOV 2023 12:08:22





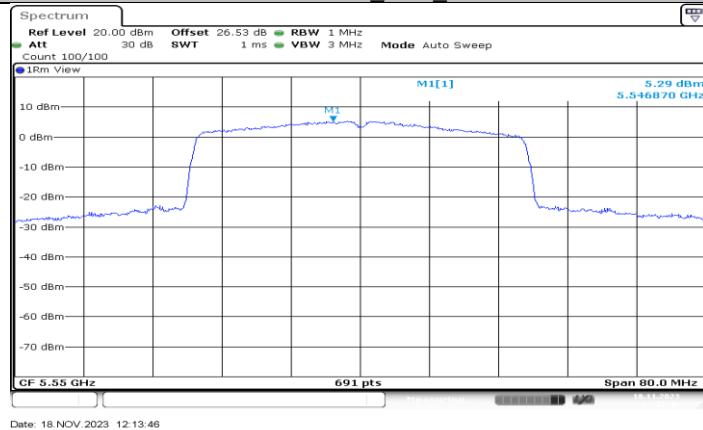
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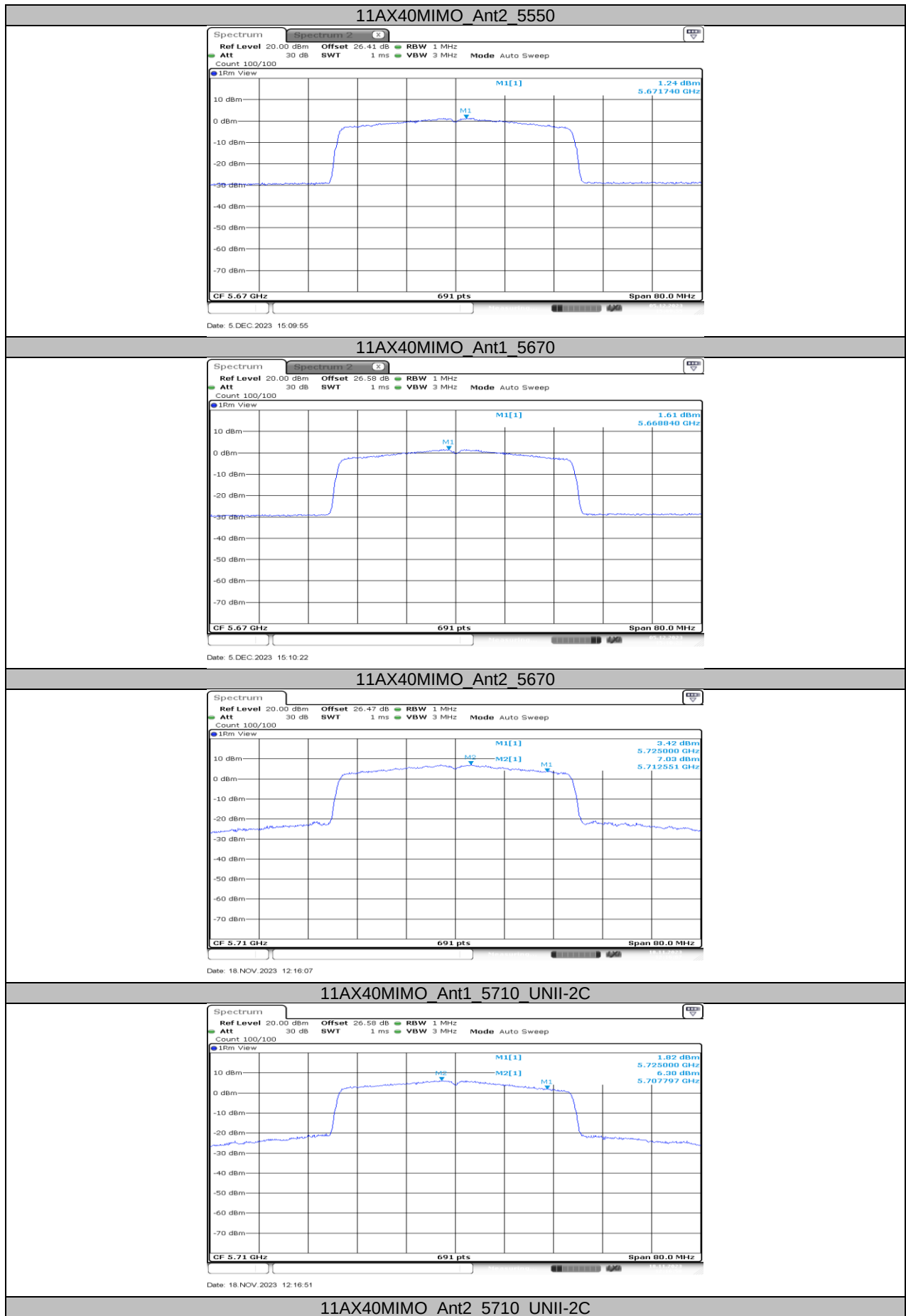


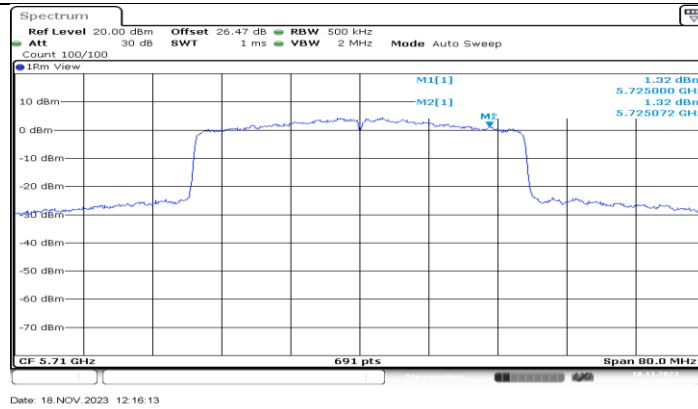
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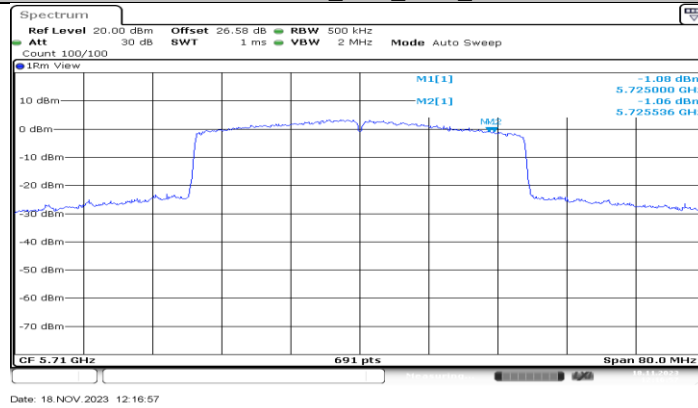
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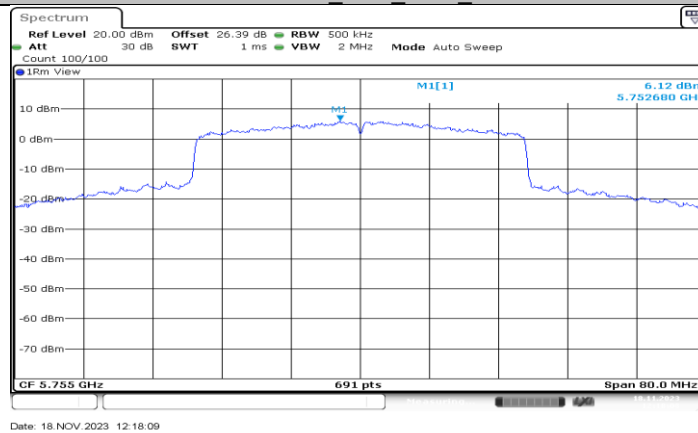




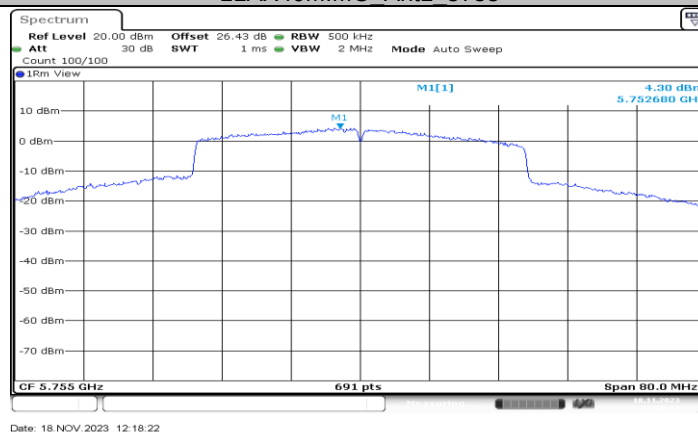
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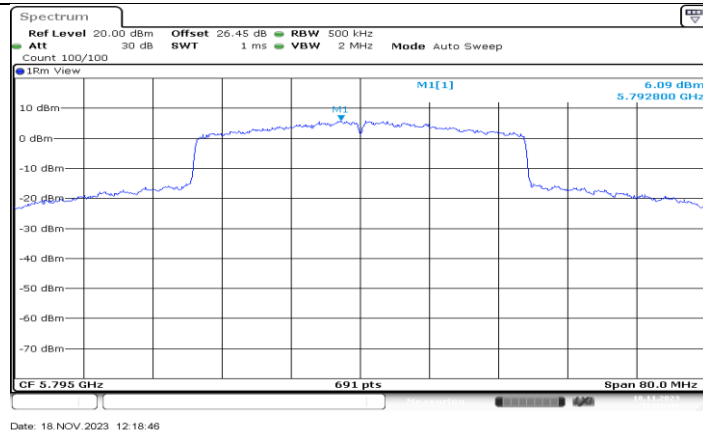
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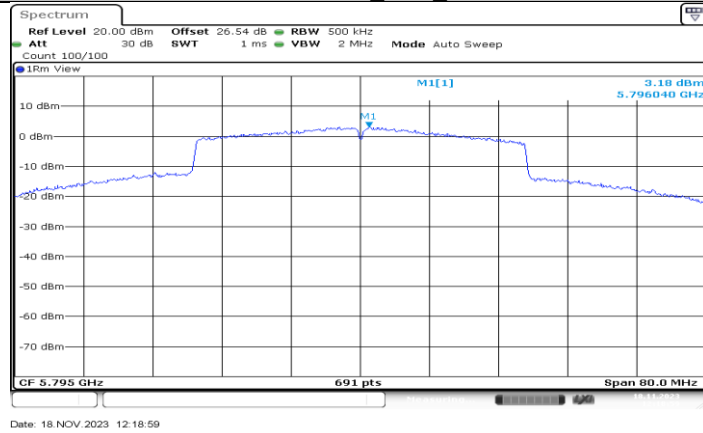
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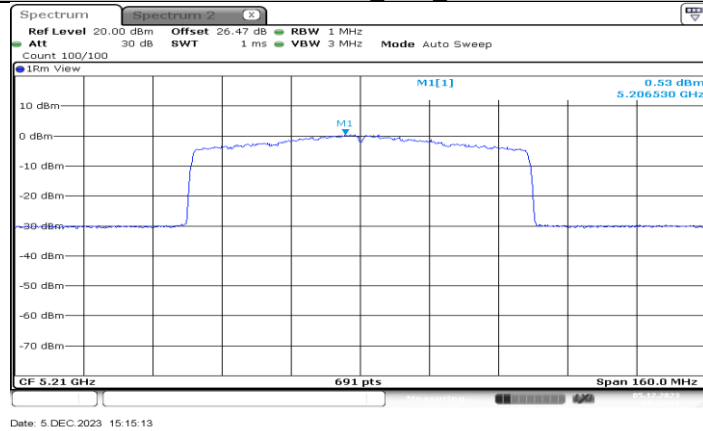
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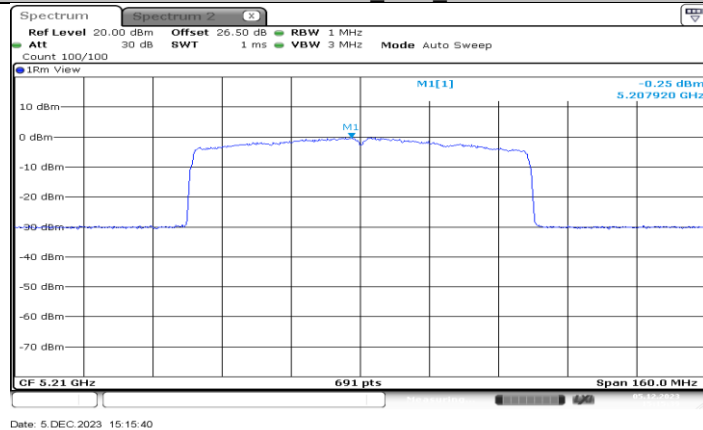
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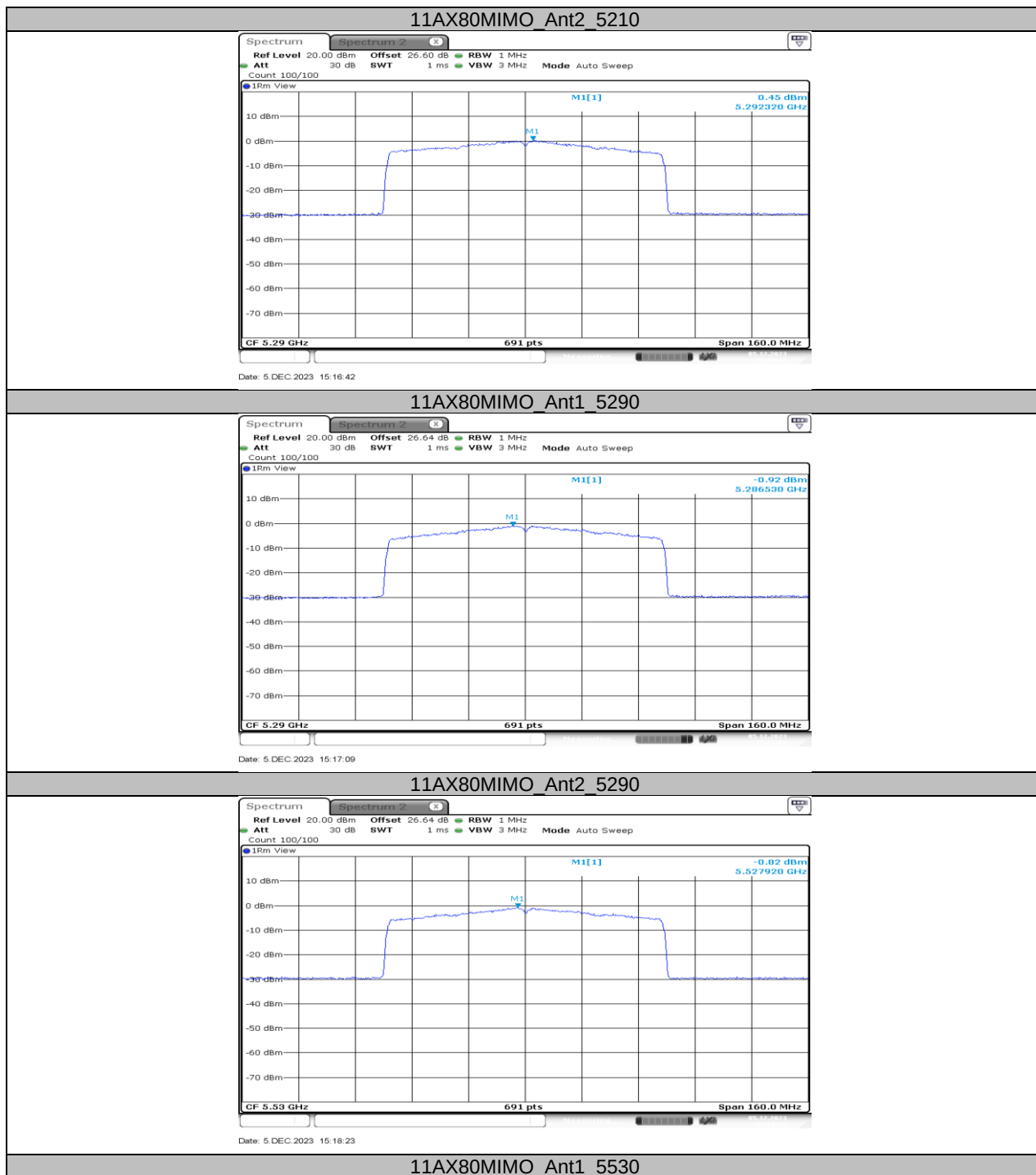


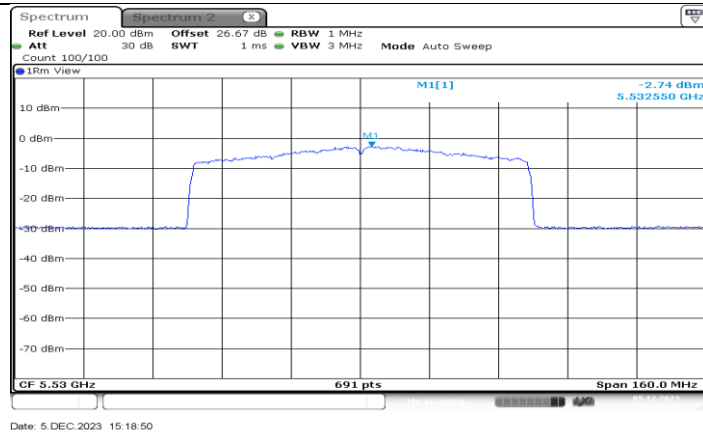
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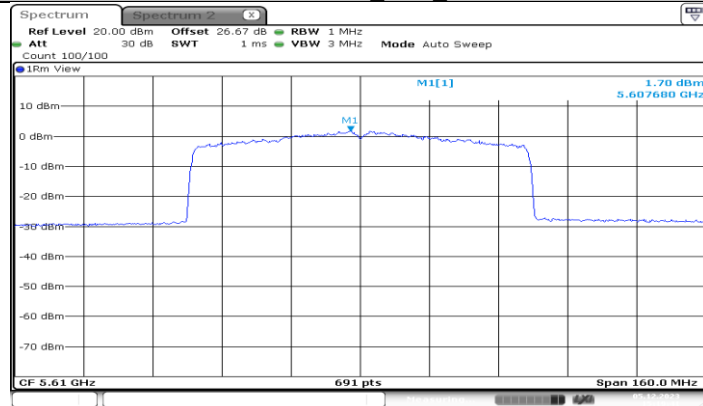






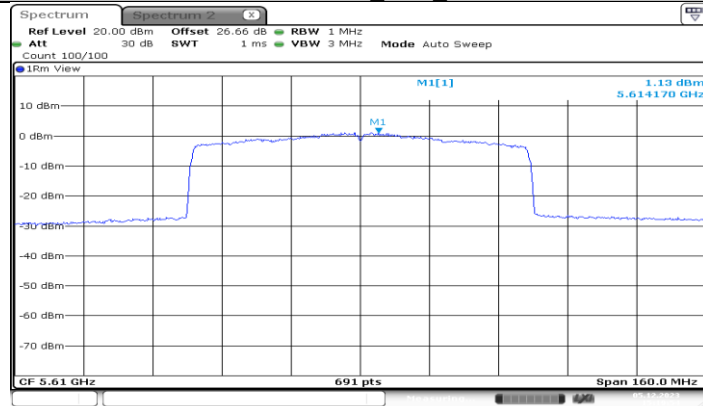
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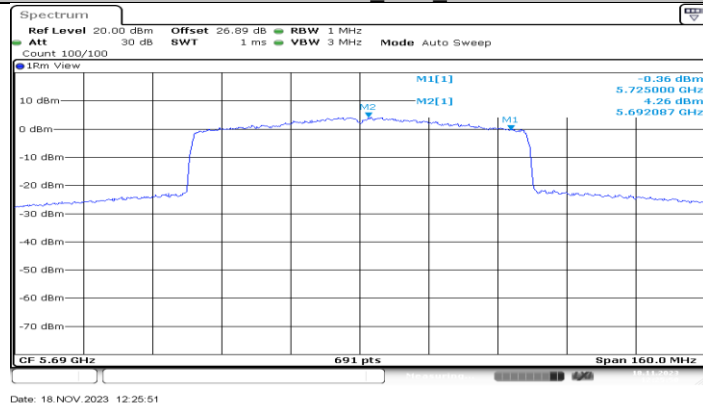
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11AX80MIMO_Ant1_5610



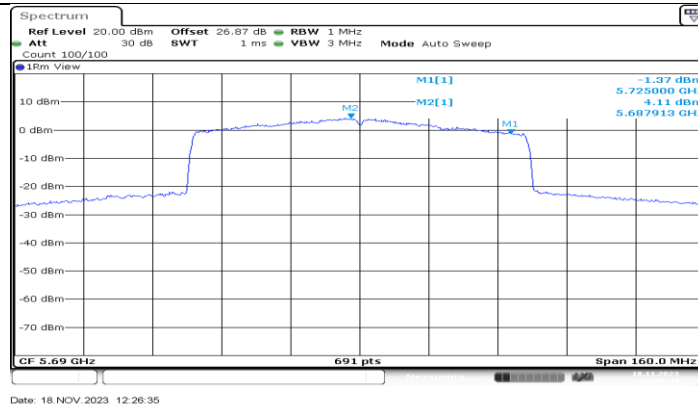
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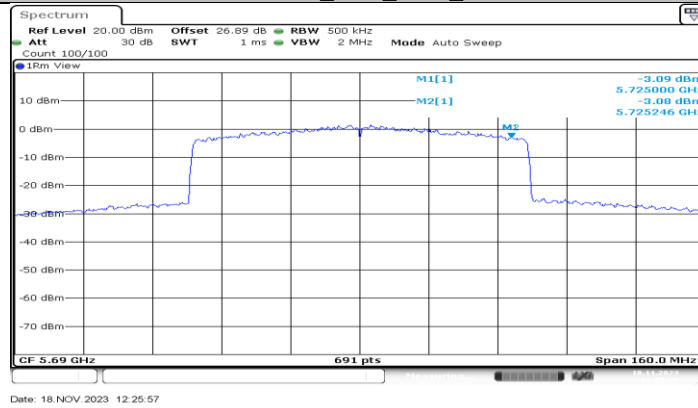


Date: 18 NOV 2023 12:25:51

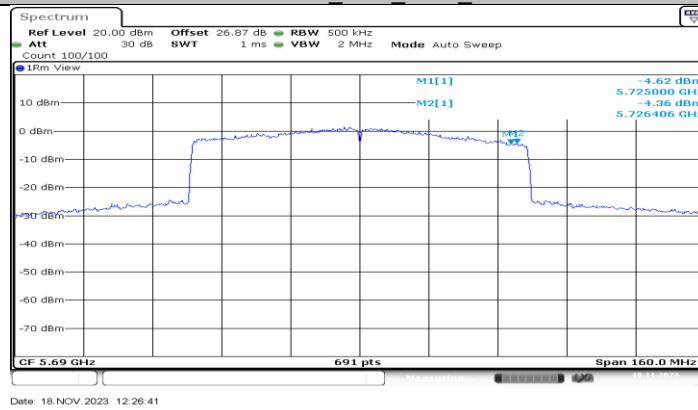
11AX80MIMO_Ant1_5690_UNII-2C



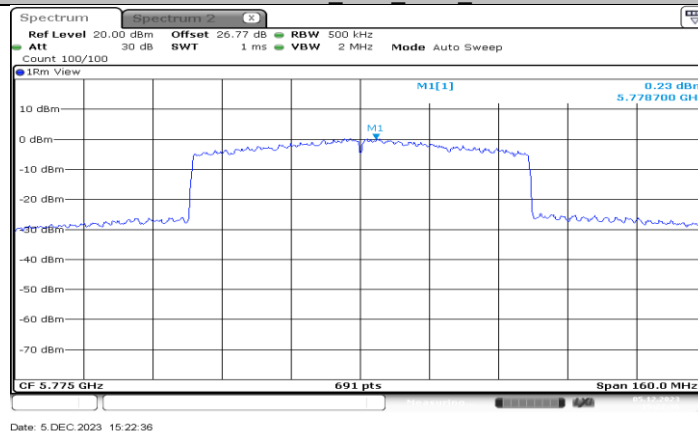
11AX80MIMO_Ant2_5690_UNII-2C



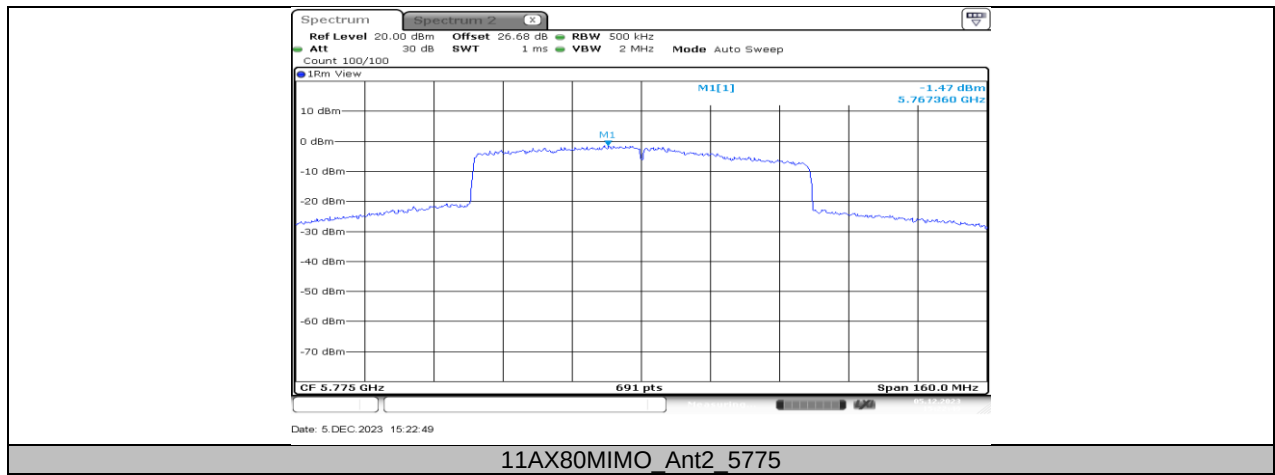
11AX80MIMO_Ant1_5690_UNII-3



11AX80MIMO_Ant2_5690_UNII-3



11AX80MIMO_Ant1_5775



12.6. APPENDIX D2: DUTY CYCLE

12.6.1. 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	1.39	1.45	0.9586	95.86	0.18	0.72	1
11N20MIMO	1.31	1.37	0.9562	95.62	0.19	0.76	1
11N40MIMO	0.65	0.71	0.9155	91.55	0.38	1.54	2
11AC80MIMO	0.32	0.38	0.8421	84.21	0.75	3.13	4
11AX20MIMO	1.01	1.07	0.9439	94.39	0.25	0.99	1
11AX40MIMO	0.53	0.59	0.8983	89.83	0.47	1.89	2
11AX80MIMO	0.28	0.34	0.8235	82.35	0.84	3.57	4

Note:

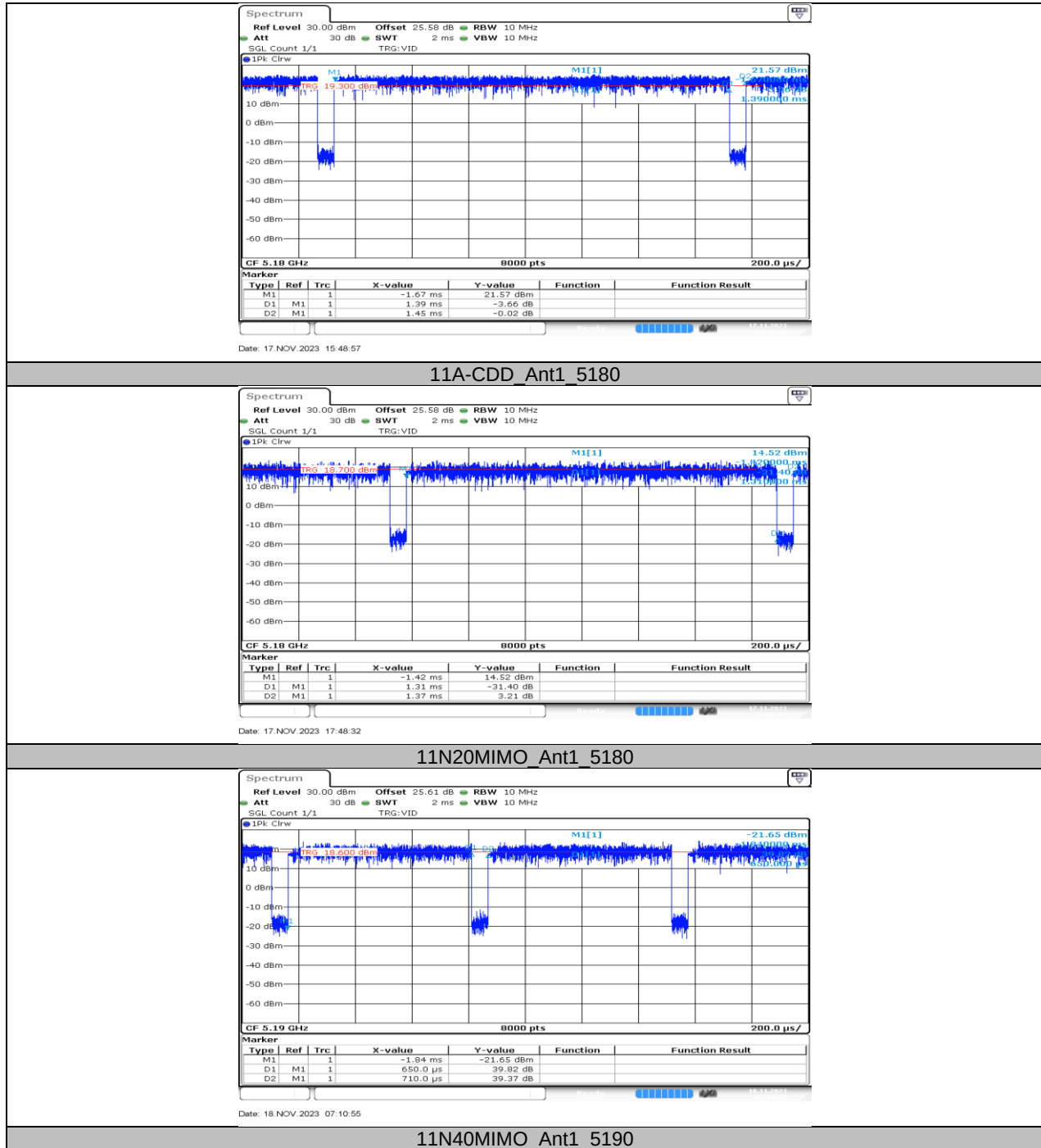
Duty Cycle Correction Factor=10log (1/x).

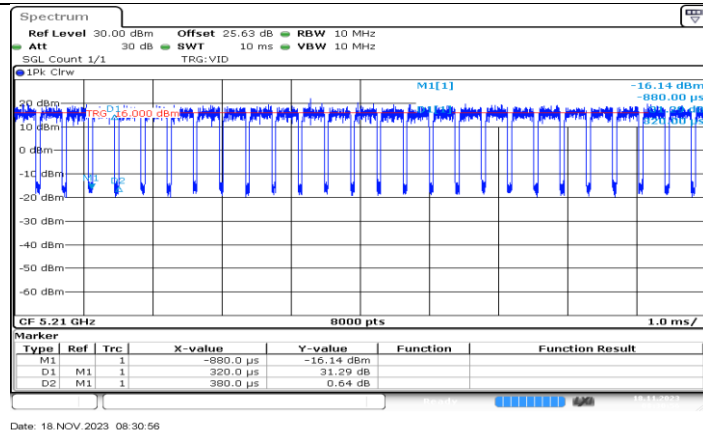
Where: x is Duty Cycle (Linear)

Where: T is On Time

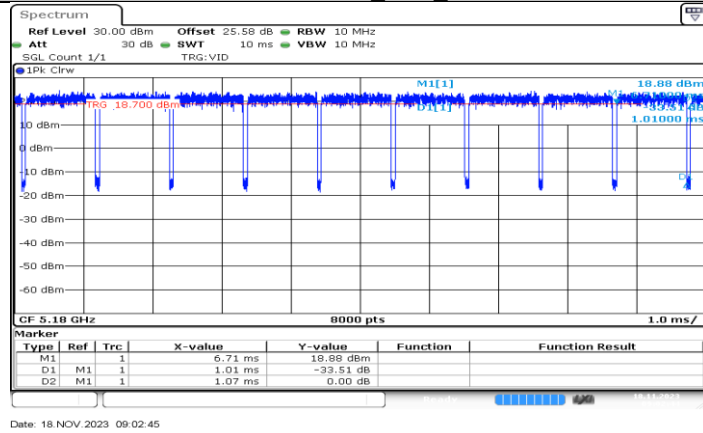
If that calculated VBW is not available on the analyzer then the next higher value should be used.

12.6.2. Test Graphs

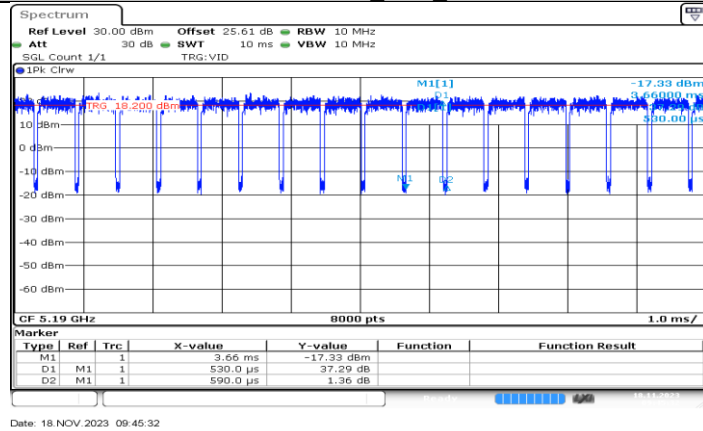




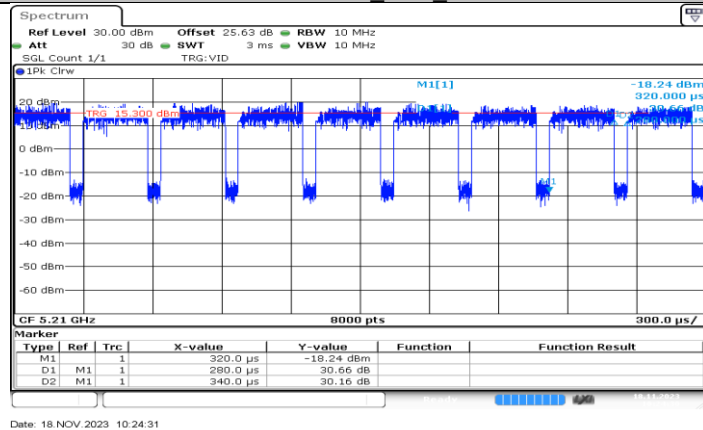
11AC80MIMO_Ant1_5210



11AX20MIMO_Ant1_5180



11AX40MIMO_Ant1_5190



11AX80MIMO_Ant1_5210

12.7. APPENDIX E2: FREQUENCY STABILITY

12.7.1. 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	5199.9905	-1.82	5200.0169	3.26	5200.0180	3.46	5200.0061	1.16
TN	VN	5199.9956	-0.85	5200.0020	0.38	5199.9916	-1.61	5199.9846	-2.97
TN	VH	5200.0038	0.74	5199.9891	-2.10	5200.0106	2.04	5200.0079	1.51
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	5200.0122	2.35	5199.9835	-3.17	5200.0194	3.73	5199.9839	-3.09
30	VN	5200.0181	3.48	5200.0124	2.38	5199.9992	-0.15	5200.0029	0.56
20	VN	5200.0099	1.90	5200.0079	1.51	5199.9754	-4.73	5199.9750	-4.81
10	VN	5200.0102	1.96	5199.9763	-4.55	5200.0011	0.22	5199.9772	-4.38
0	VN	5200.0064	1.22	5200.0214	4.11	5200.0135	2.59	5200.0230	4.43

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.

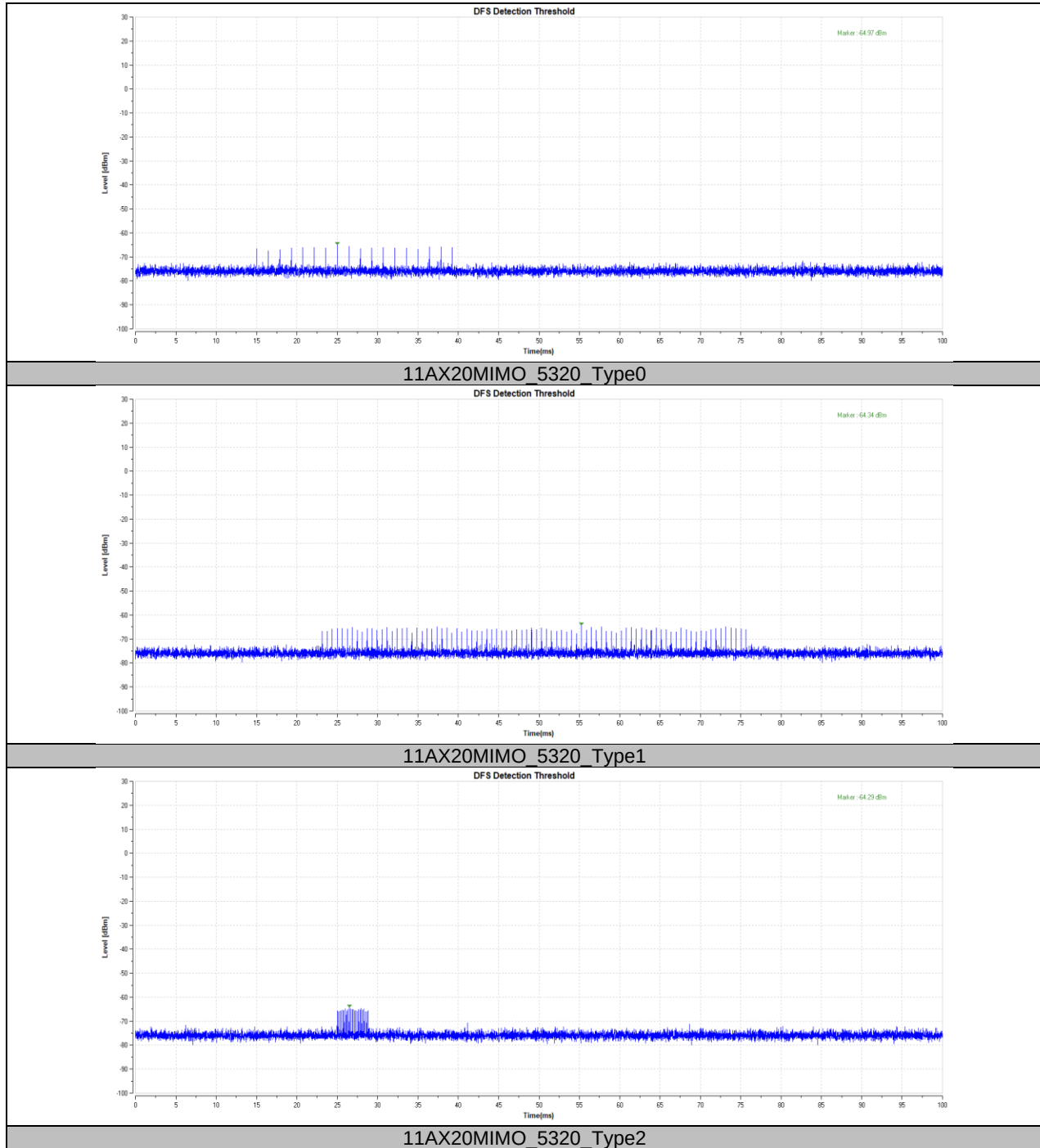
13. DFS TEST DATA FOR MASTER

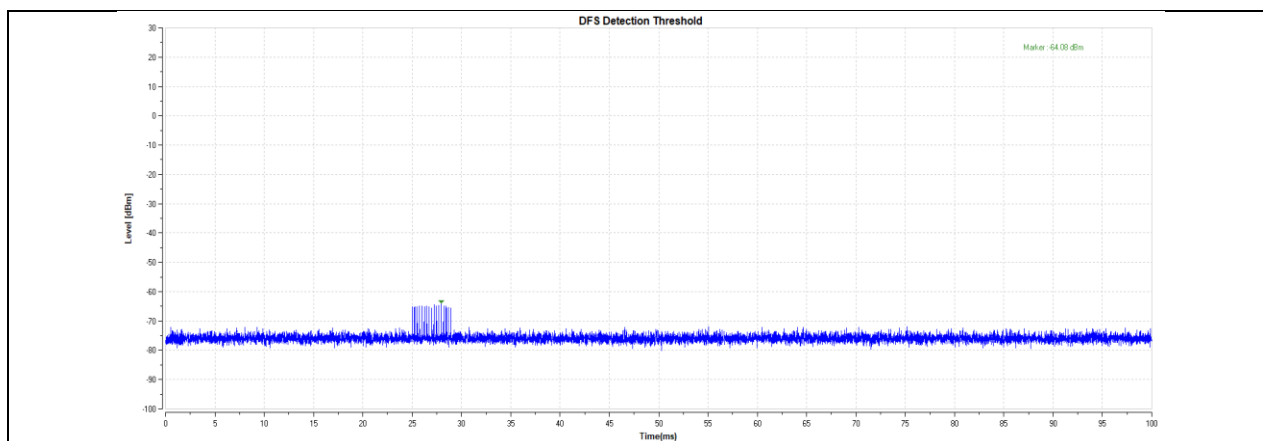
13.1. APPENDIX F1: DFS DETECTION THRESHOLDS

13.1.1. Test Result

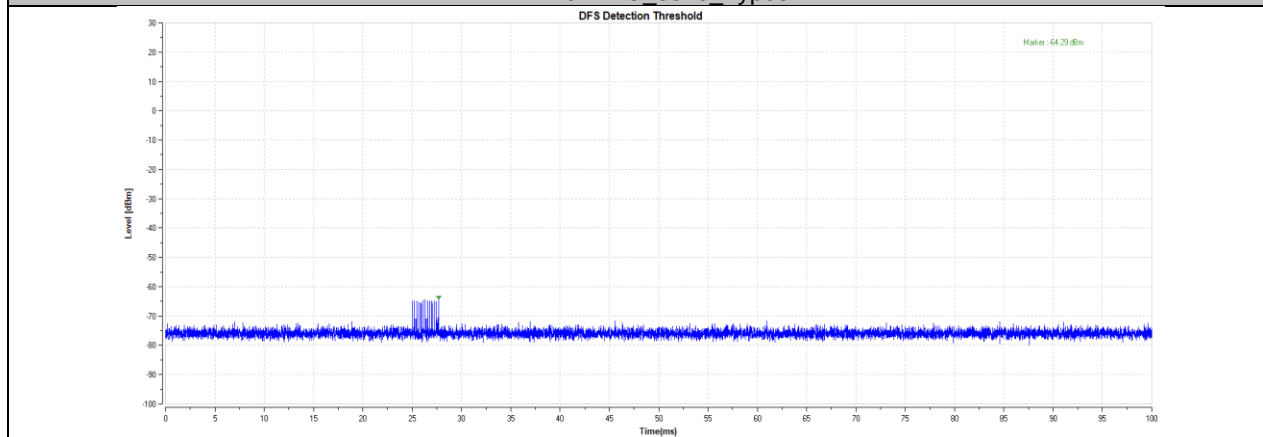
Test Mode	Frequency[MHz]	Radar Type	Result	Limit[dbm]	Verdict
11AX20MIMO	5320	Type0	-64.97	-61.00	PASS
		Type1	-64.34	-61.00	PASS
		Type2	-64.29	-61.00	PASS
		Type3	-64.08	-61.00	PASS
		Type4	-64.29	-61.00	PASS
		Type5	-64.29	-61.00	PASS
		Type6	-64.57	-61.00	PASS
11AX40MIMO	5310	Type0	-64.66	-59.00	PASS
		Type1	-64.27	-59.00	PASS
		Type2	-64.75	-59.00	PASS
		Type3	-64.58	-59.00	PASS
		Type4	-64.27	-59.00	PASS
		Type5	-64.88	-59.00	PASS
		Type6	-64.39	-59.00	PASS
11AX80MIMO	5290	Type0	-64.45	-59.00	PASS
		Type1	-64.48	-59.00	PASS
		Type2	-64.22	-59.00	PASS
		Type3	-64.26	-59.00	PASS
		Type4	-64.31	-59.00	PASS
		Type5	-64.08	-59.00	PASS
		Type6	-64.94	-59.00	PASS

13.1.2. Test Graphs

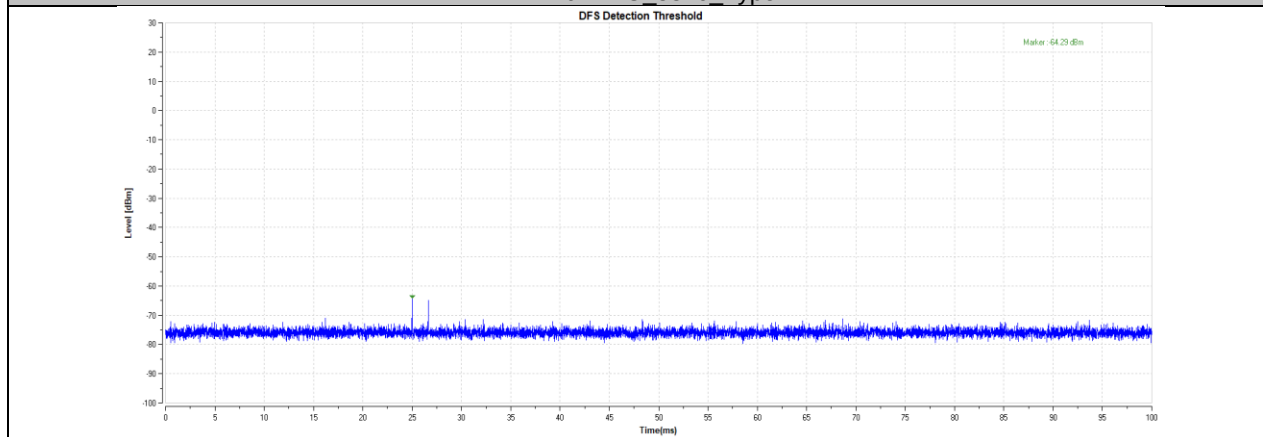




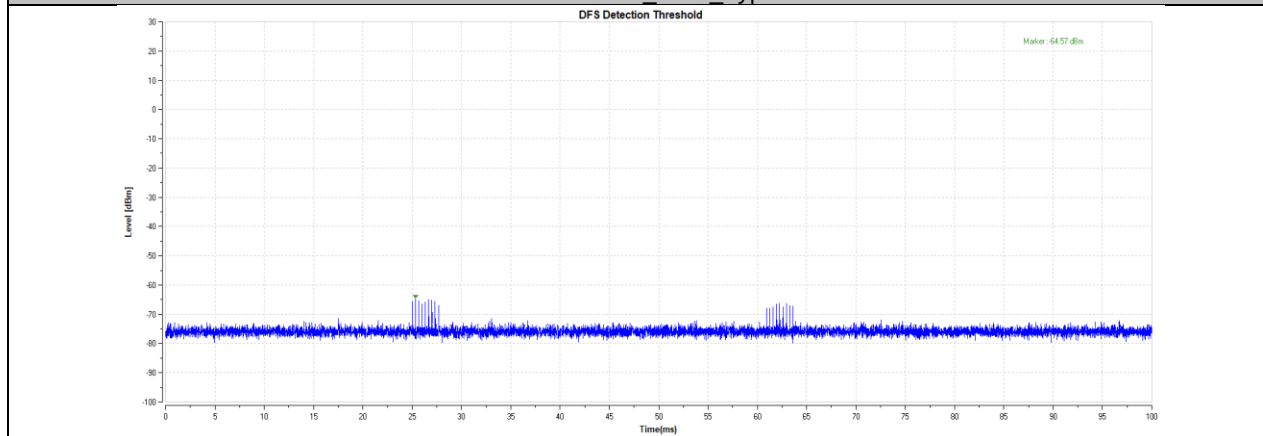
11AX20MIMO_5320_Type3

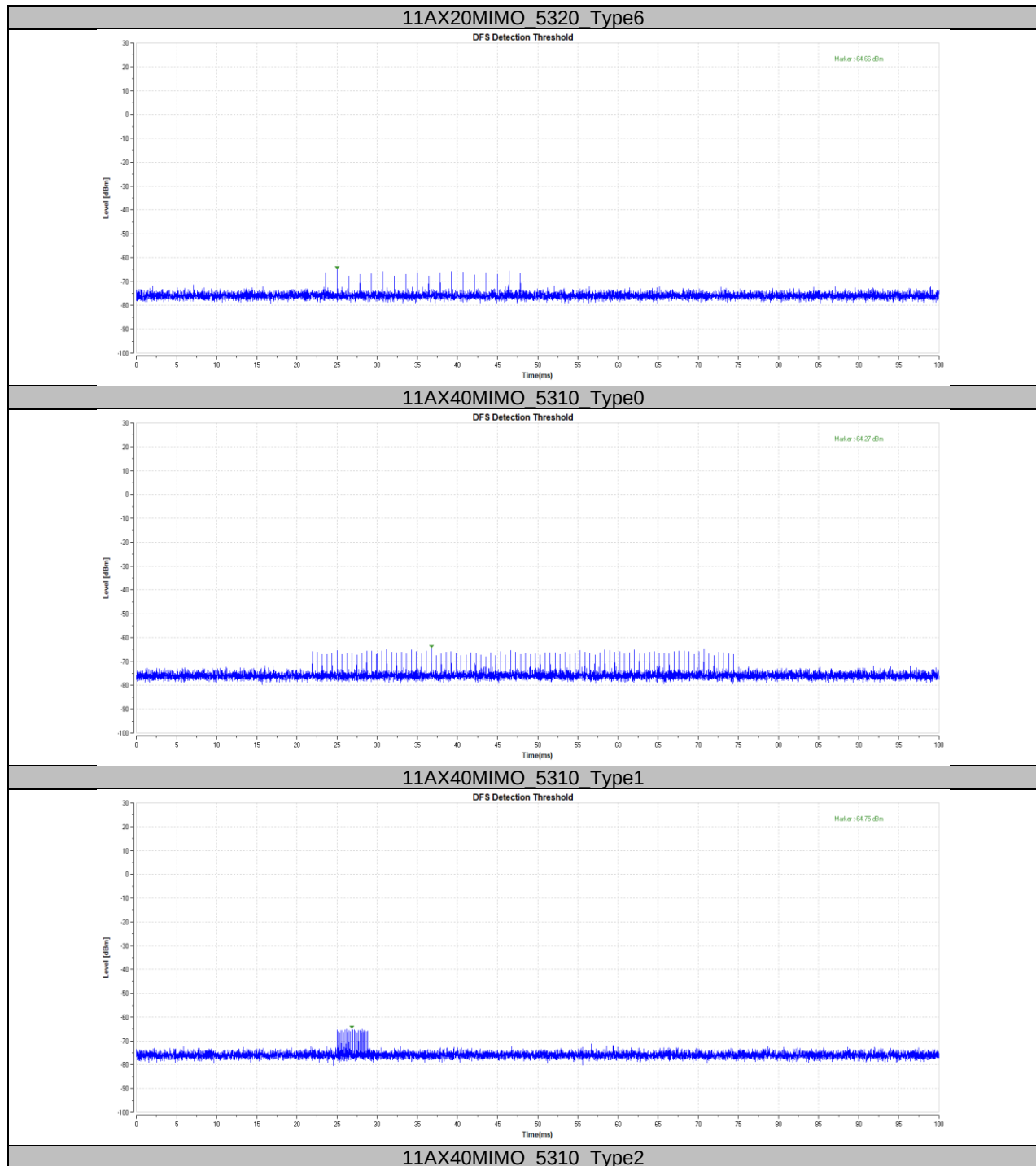


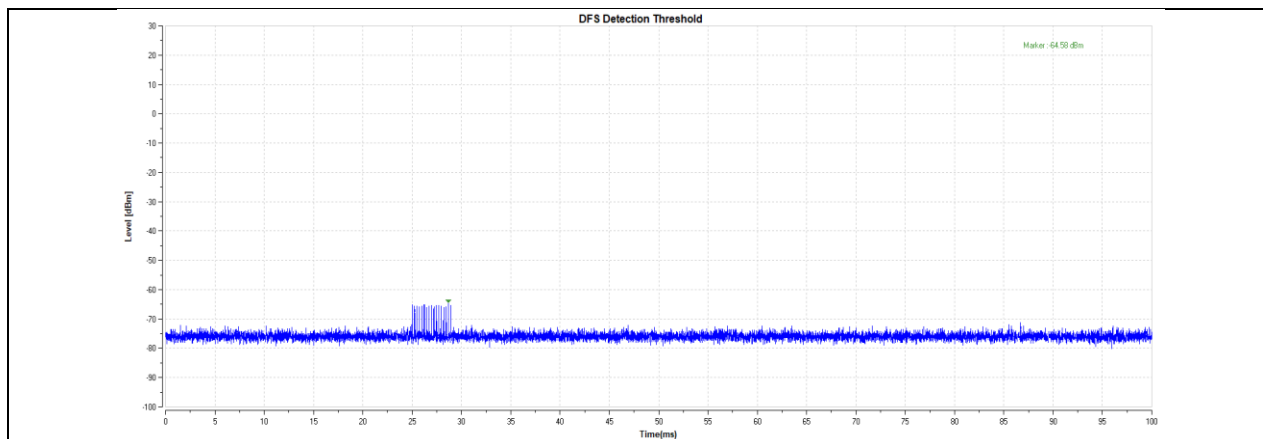
11AX20MIMO_5320_Type4



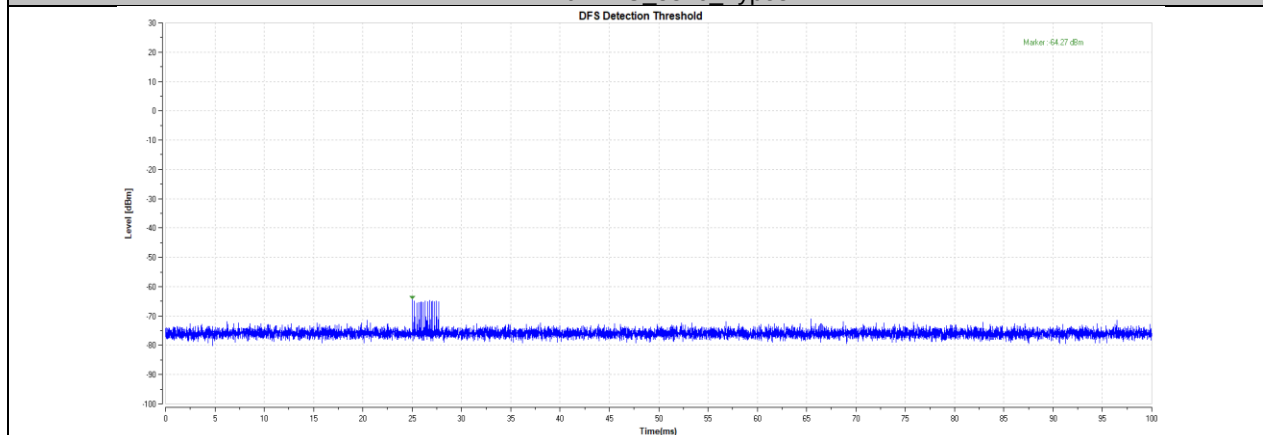
11AX20MIMO_5320_Type5



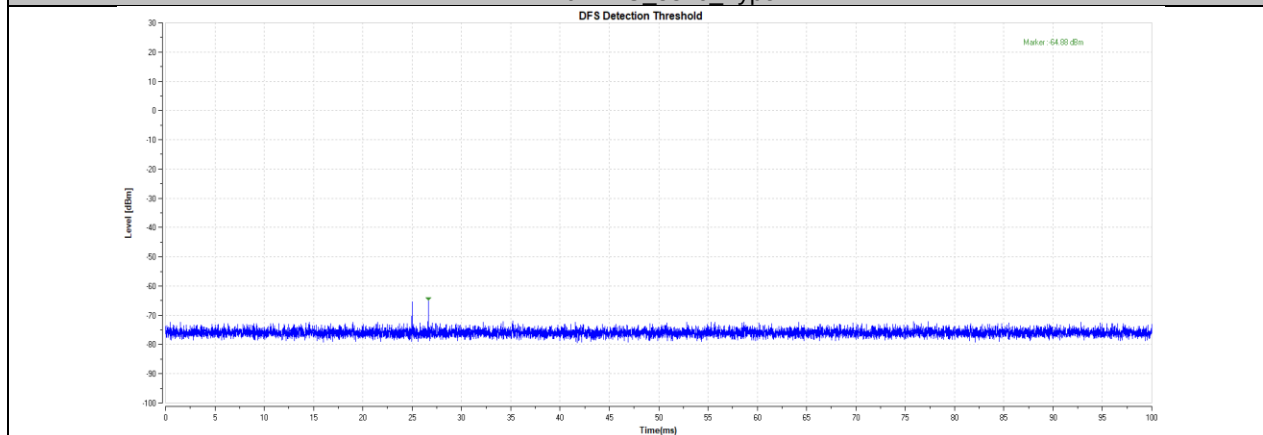




11AX40MIMO_5310_Type3



11AX40MIMO_5310_Type4



11AX40MIMO_5310_Type5

