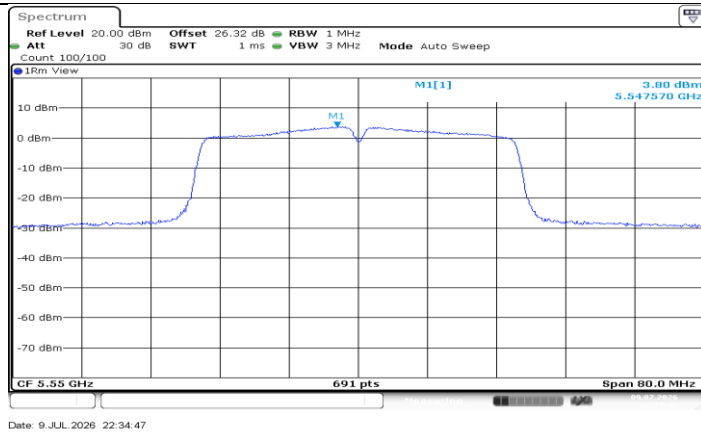
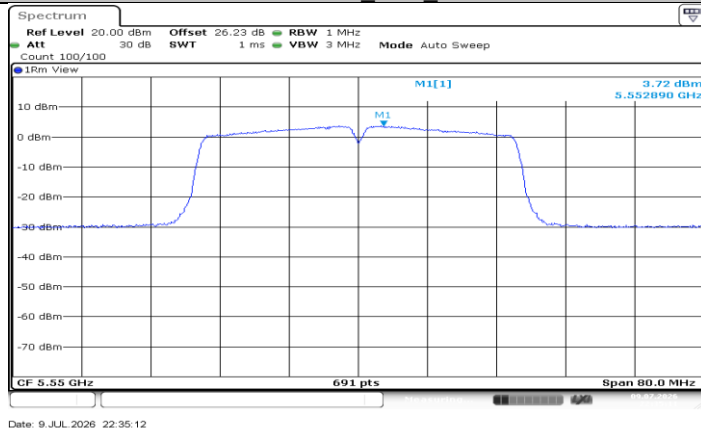
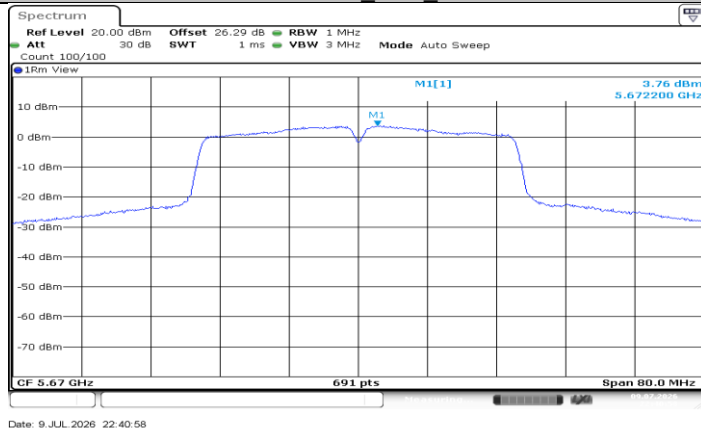




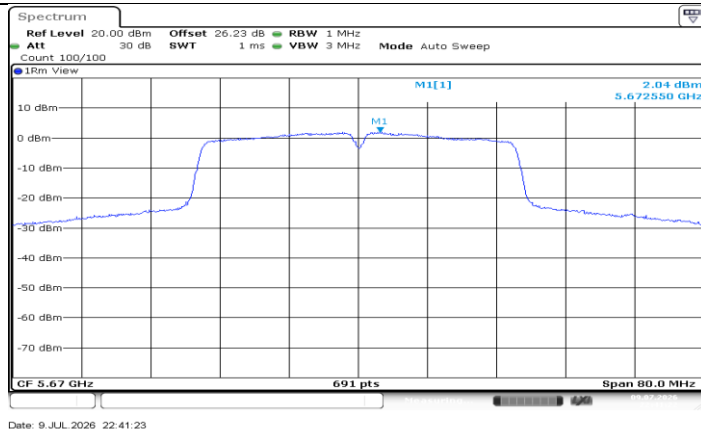
11N40MIMO_Ant1_5550



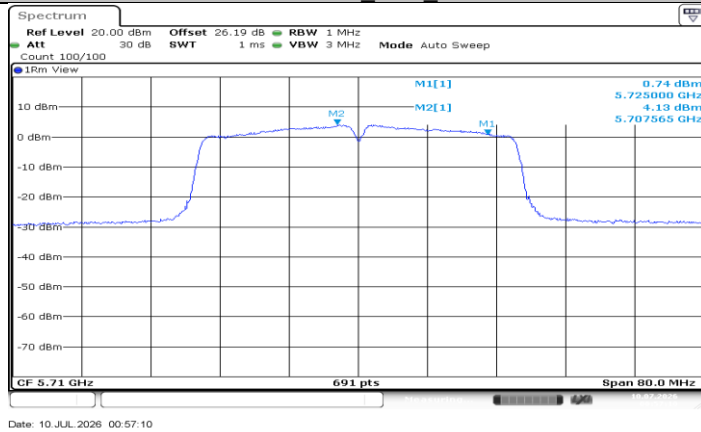
11N40MIMO_Ant2_5550



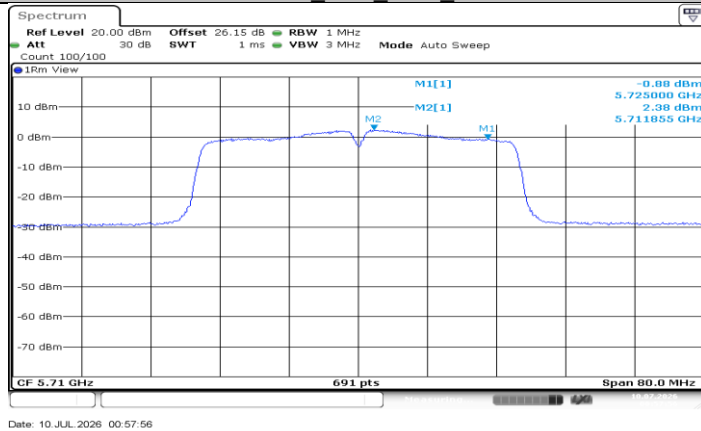
11N40MIMO_Ant1_5670



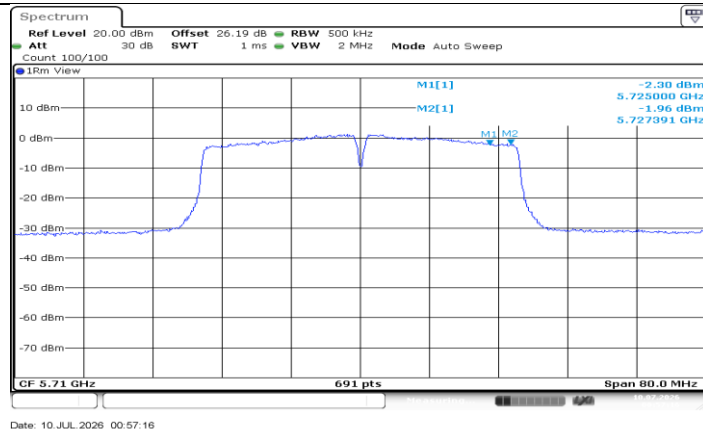
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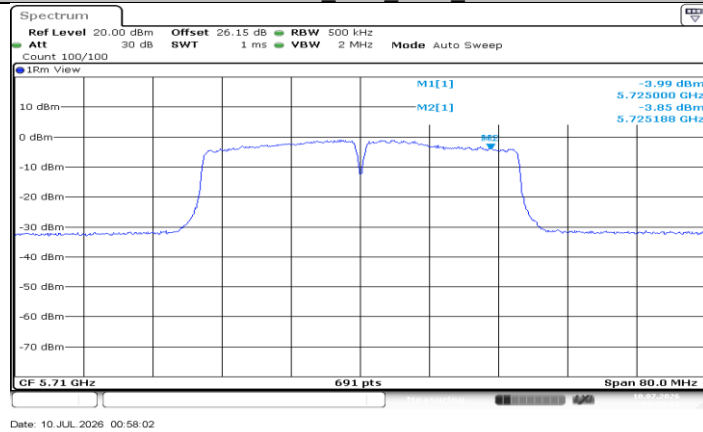
11N40MIMO_Ant1_5710_UNII-2C



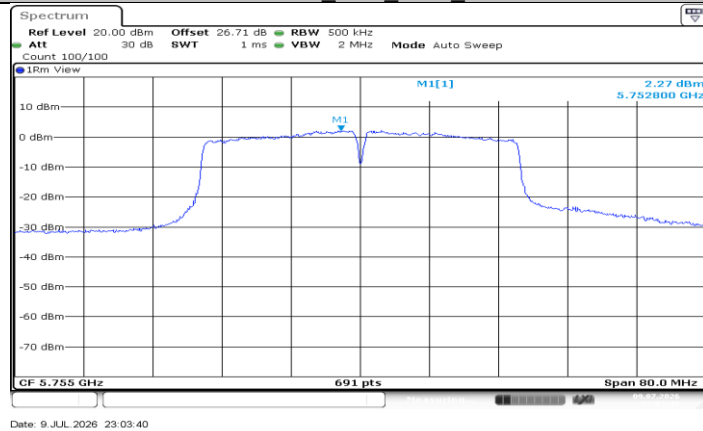
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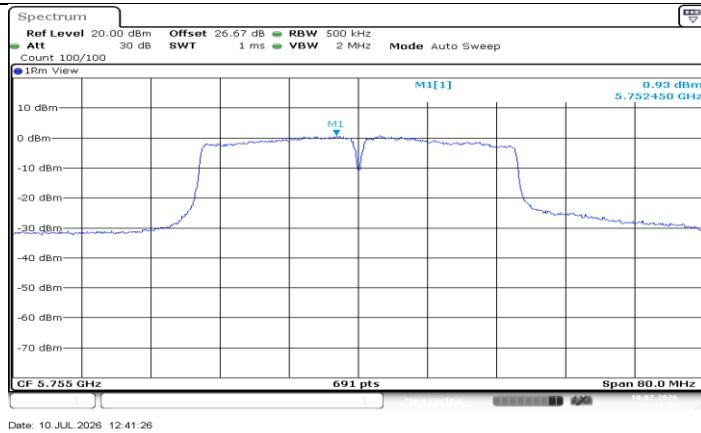
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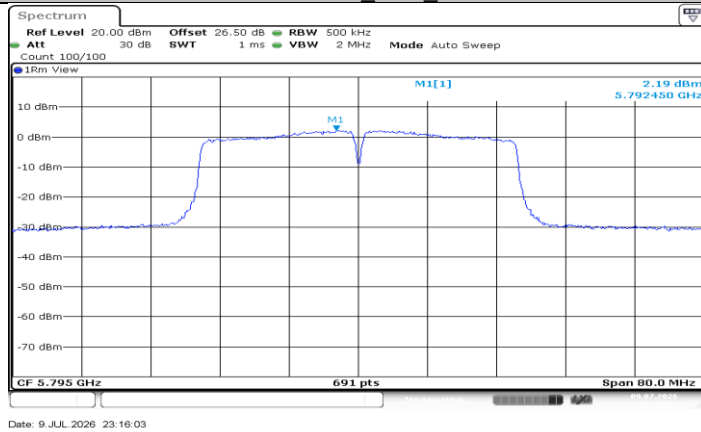
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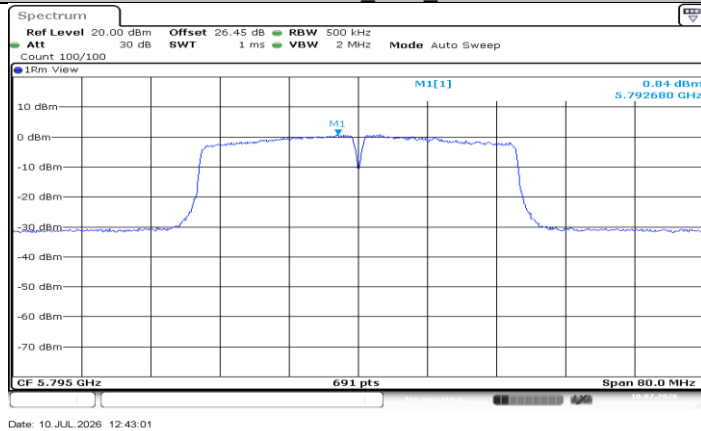
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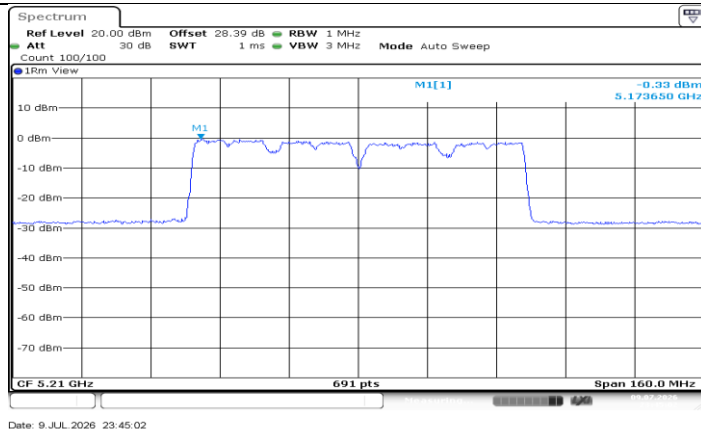
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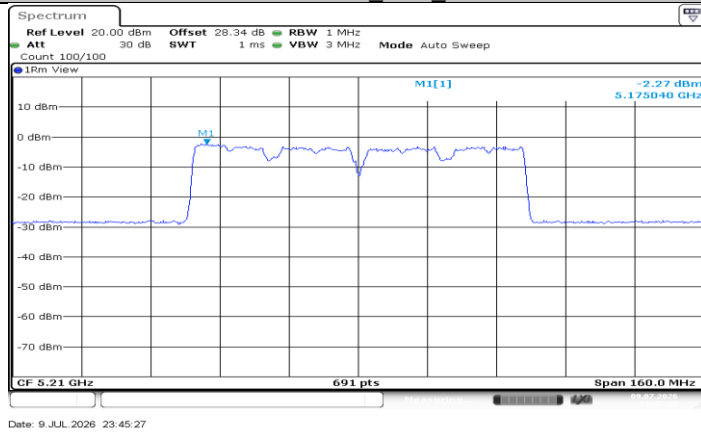
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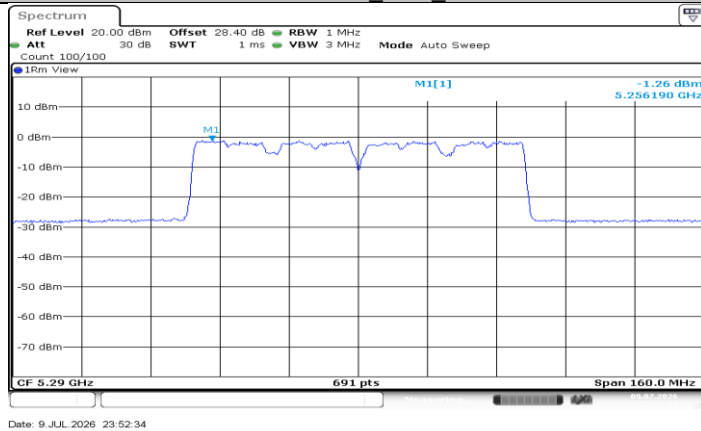
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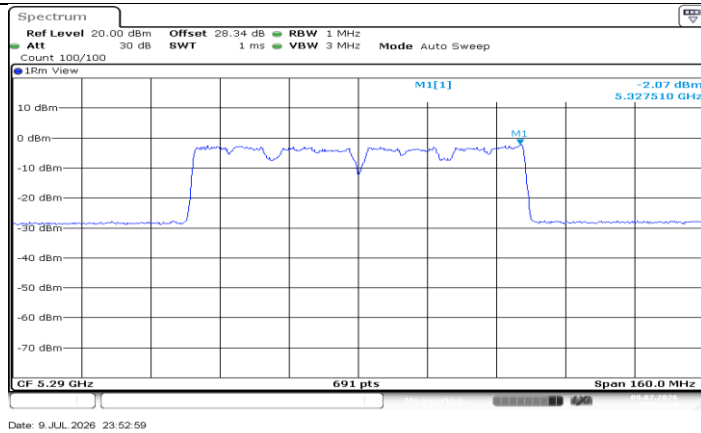
11AC80MIMO_Ant1_5210



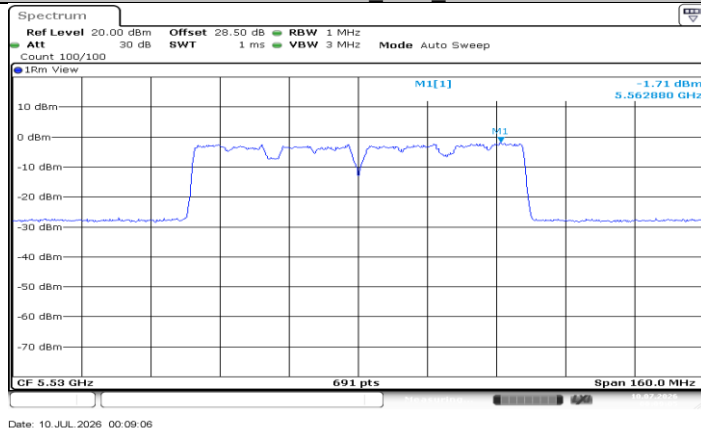
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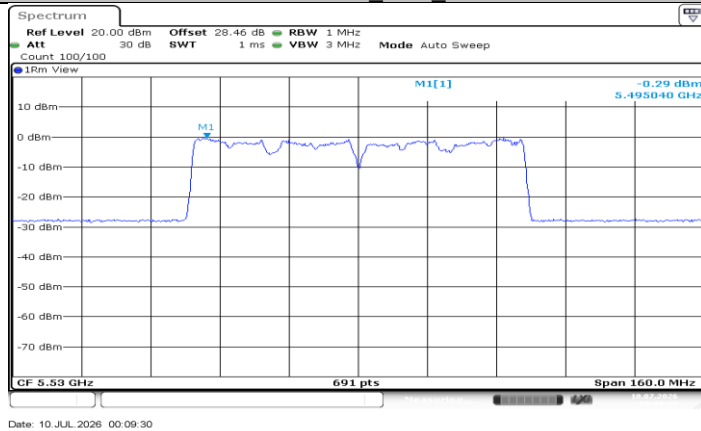
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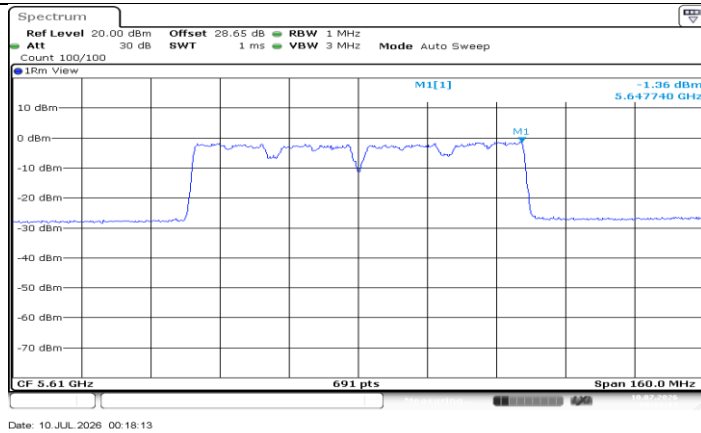
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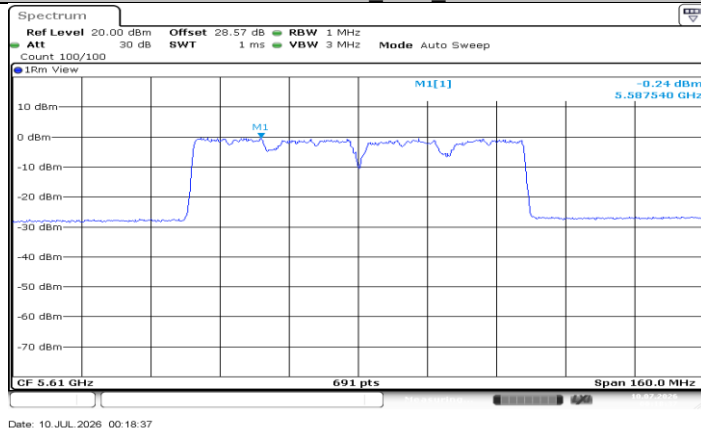
11AC80MIMO_Ant1_5530



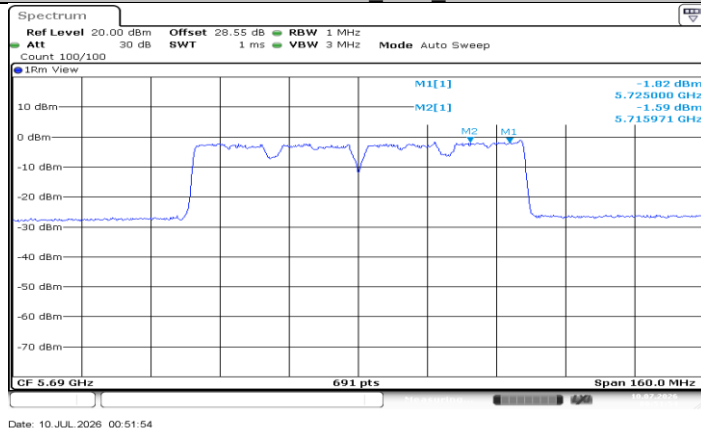
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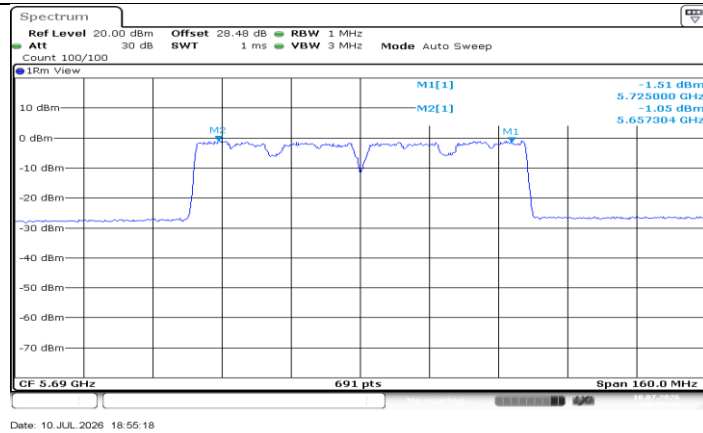
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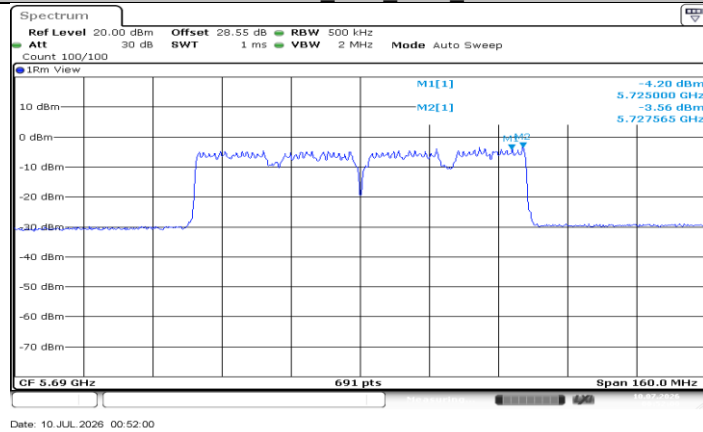
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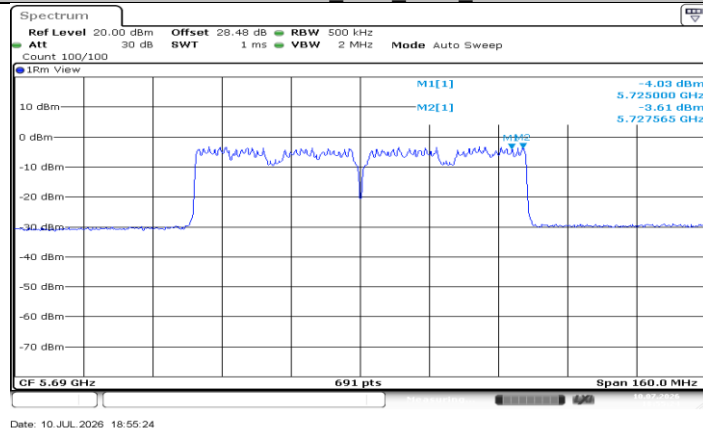
11AC80MIMO_Ant1_5690_UNII-2C



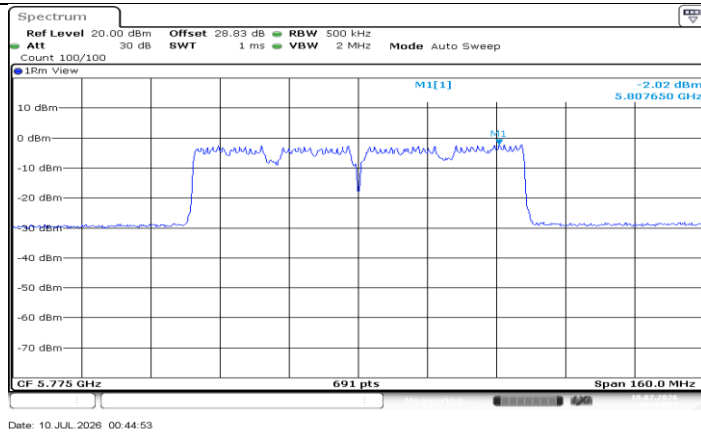
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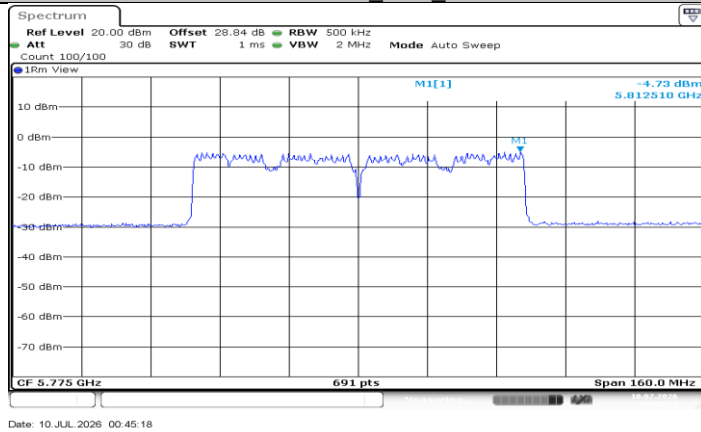
11AC80MIMO_Ant1_5690_UNII-3



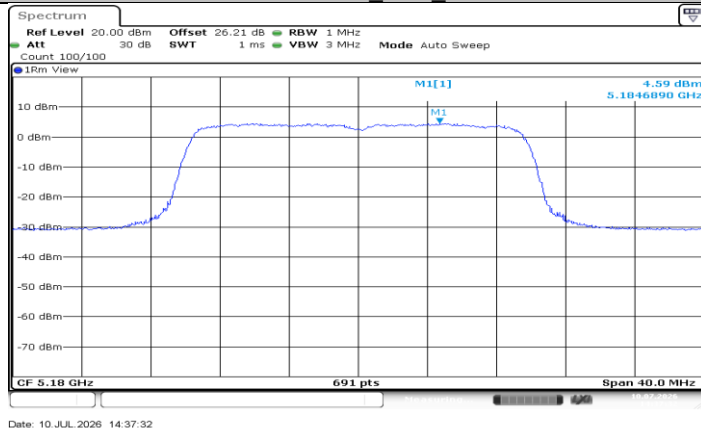
11AC80MIMO_Ant2_5690_UNII-3



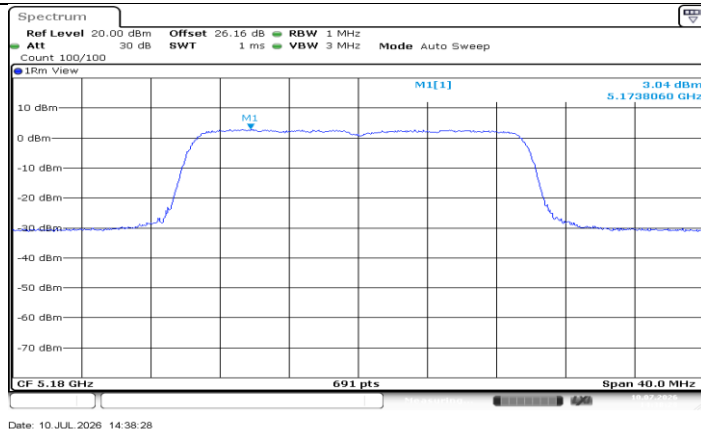
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11AC80MIMO_Ant2_5775



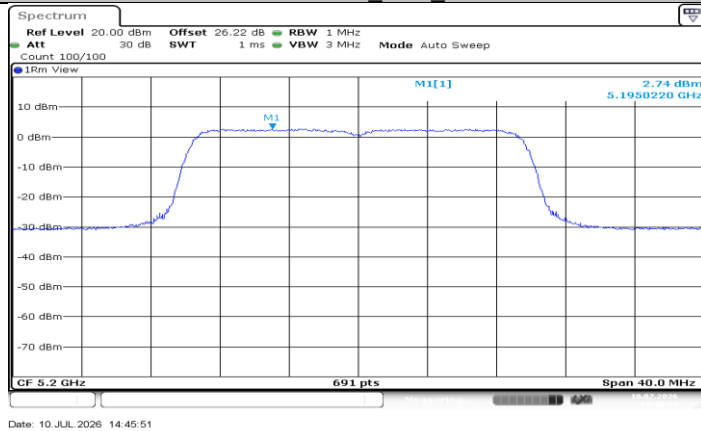
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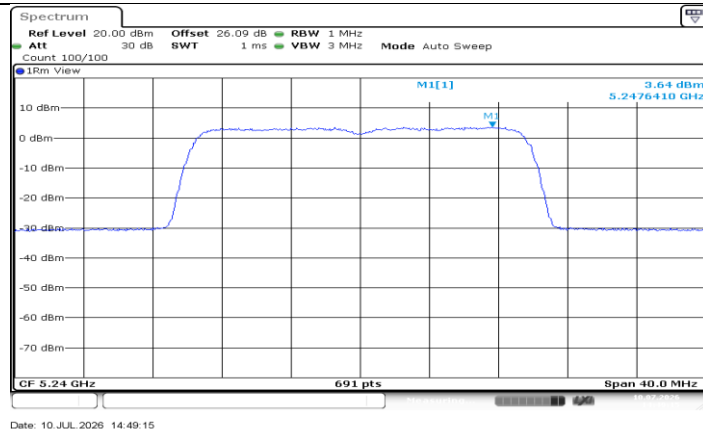
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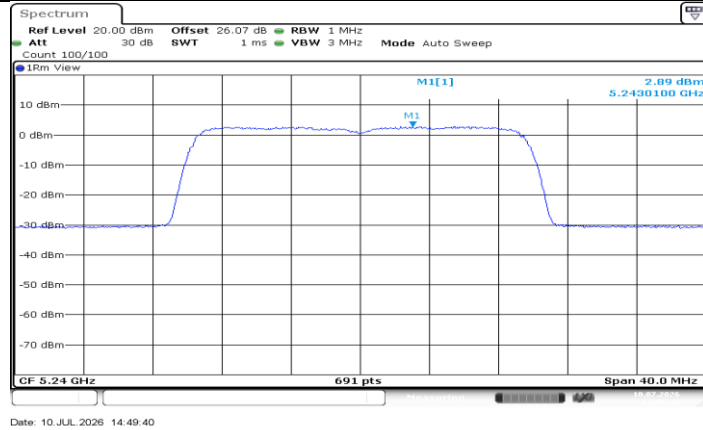
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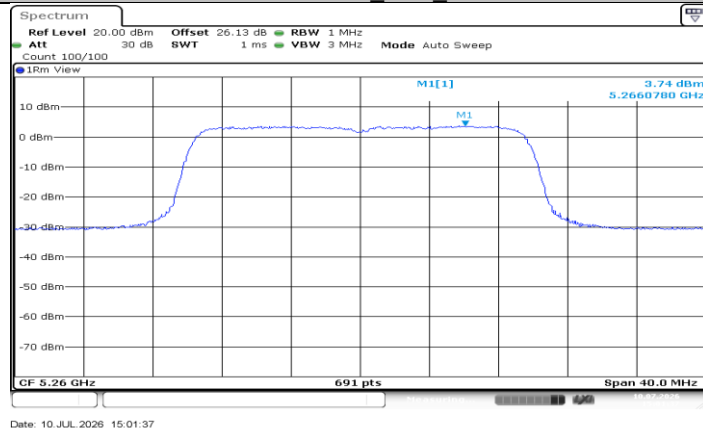
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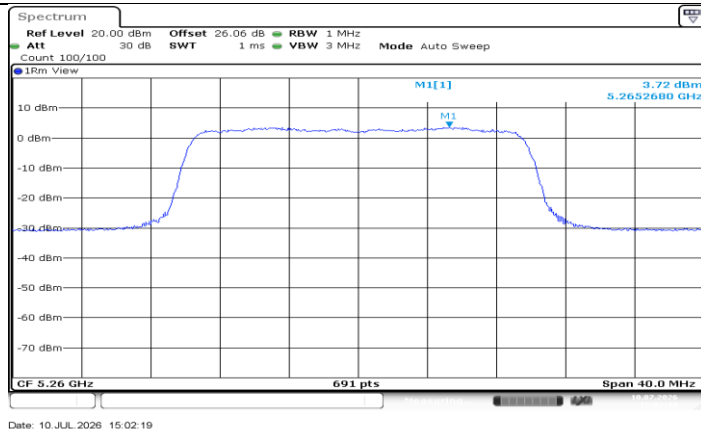
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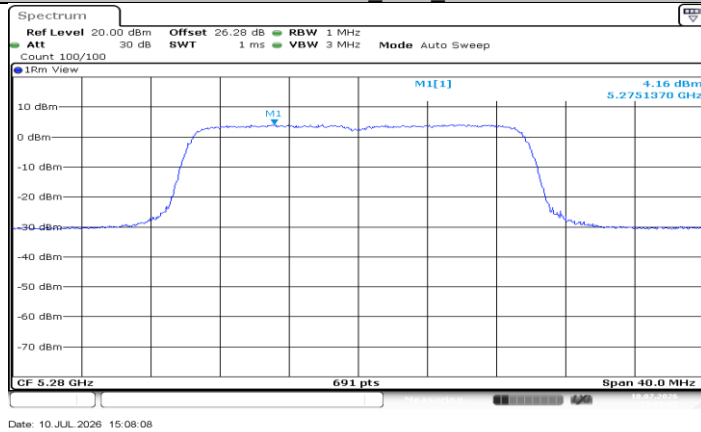
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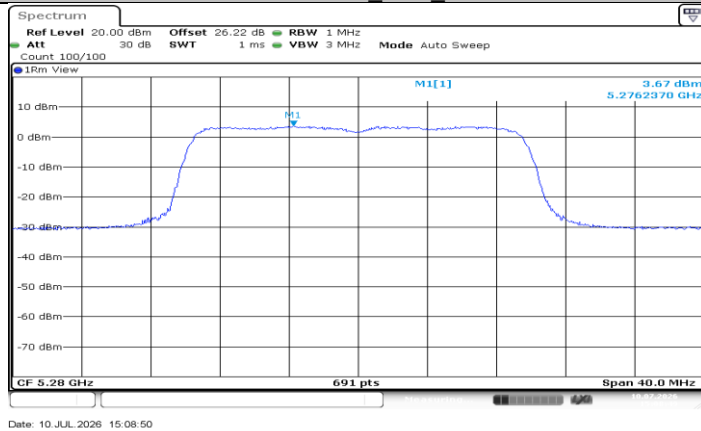
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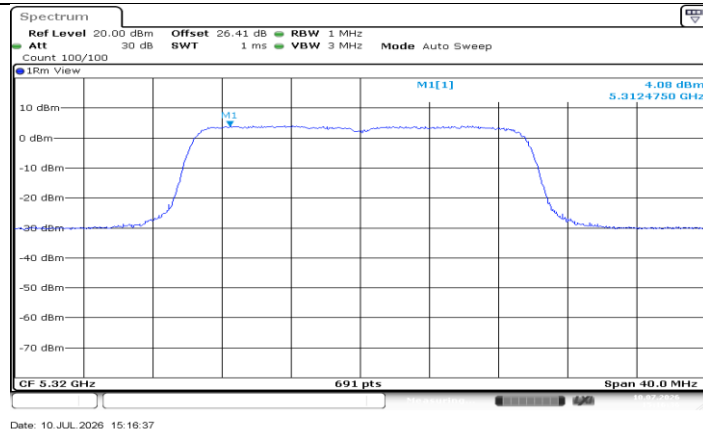
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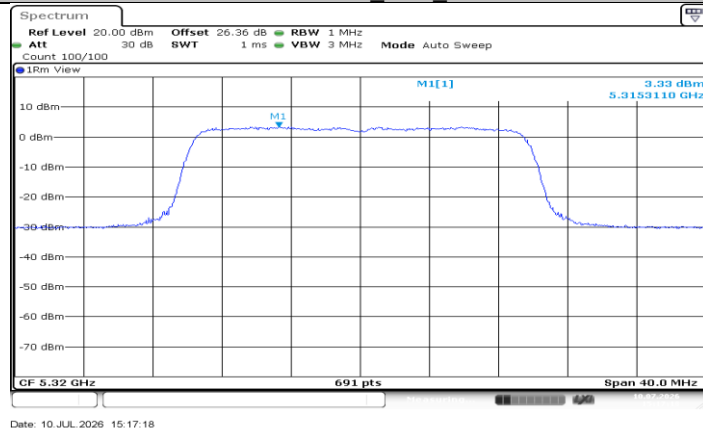
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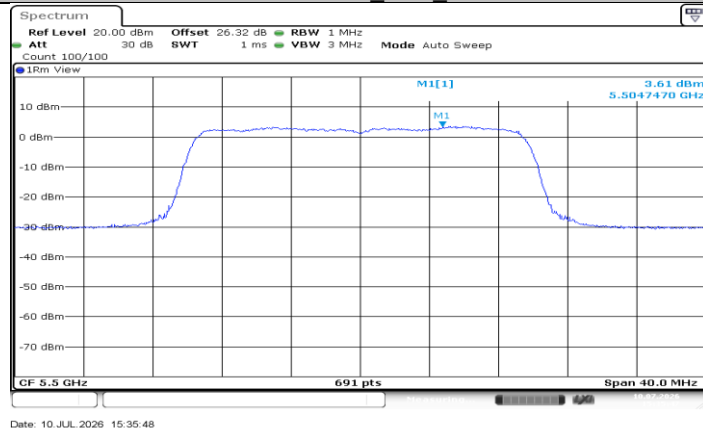
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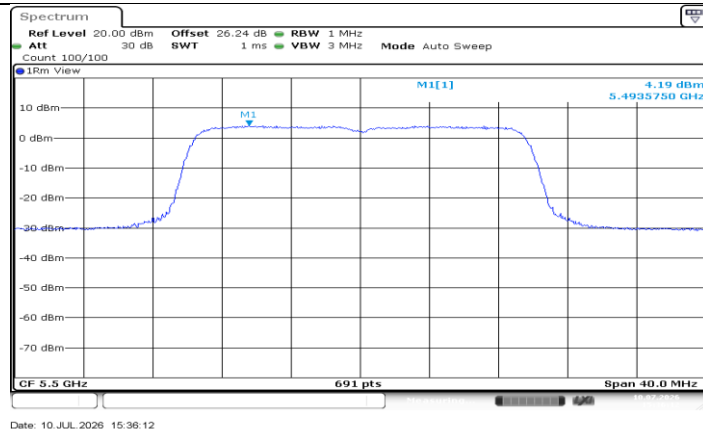
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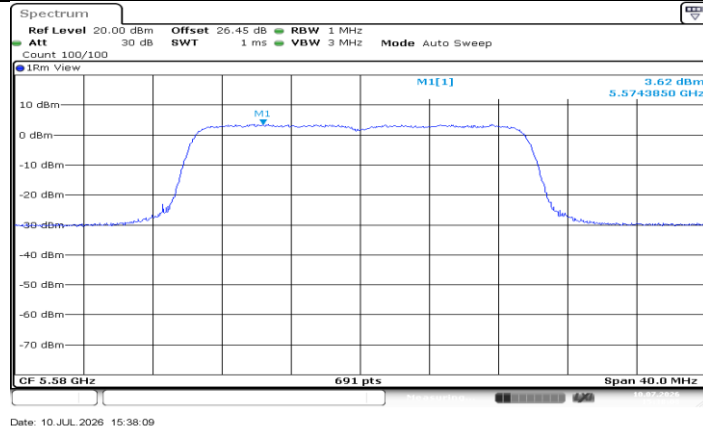
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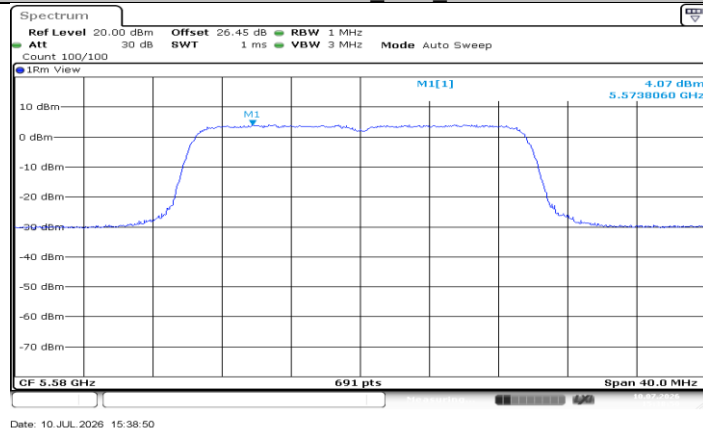
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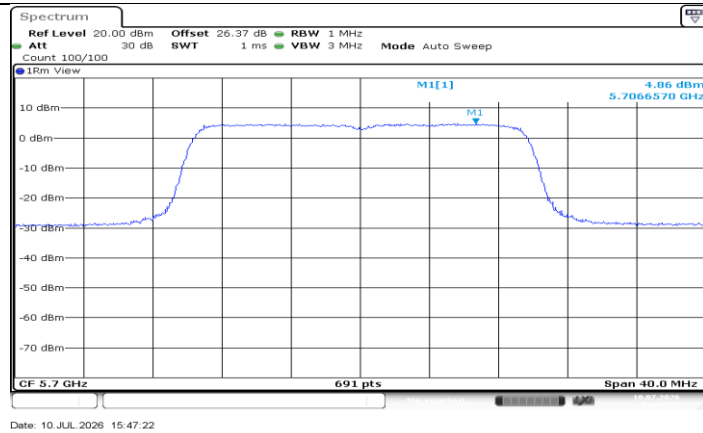
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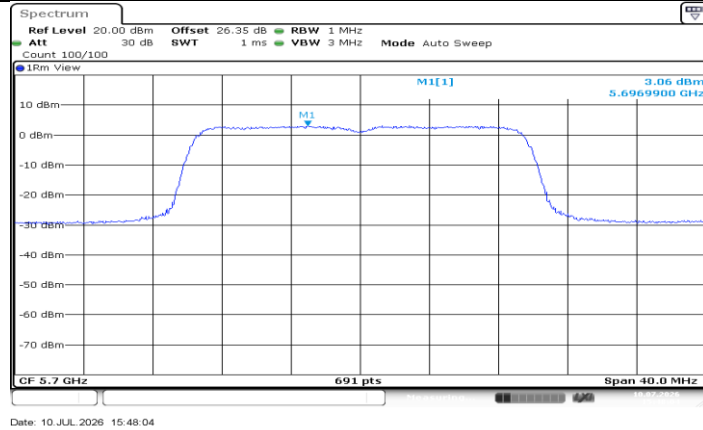
11AX20MIMO_Ant1_5580



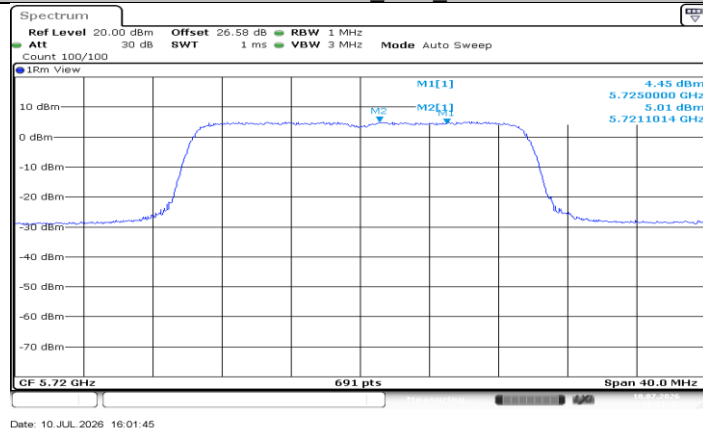
11AX20MIMO_Ant2_5580



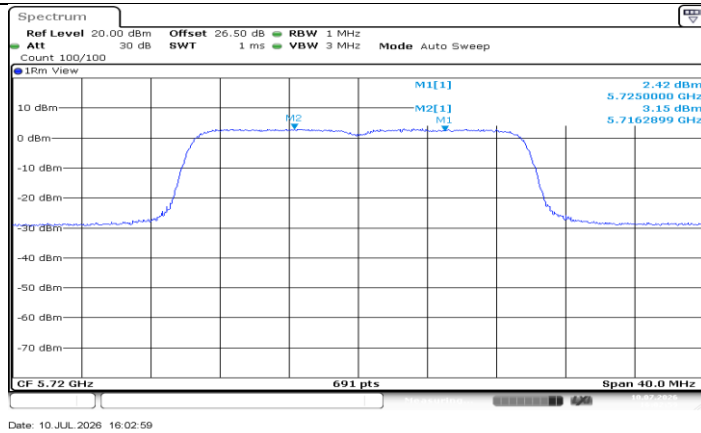
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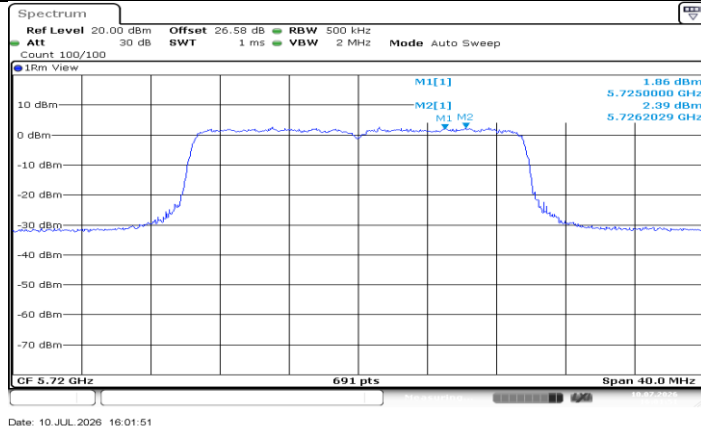
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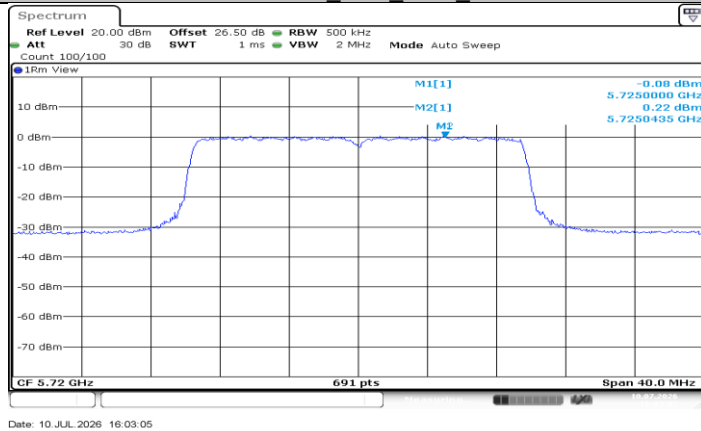
11AX20MIMO_Ant1_5720_UNII-2C



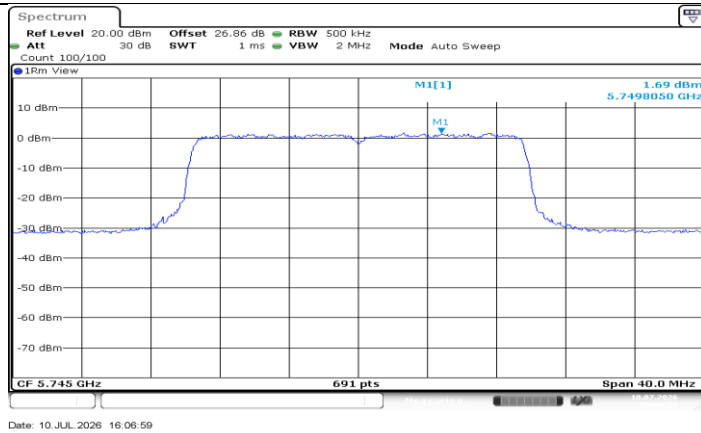
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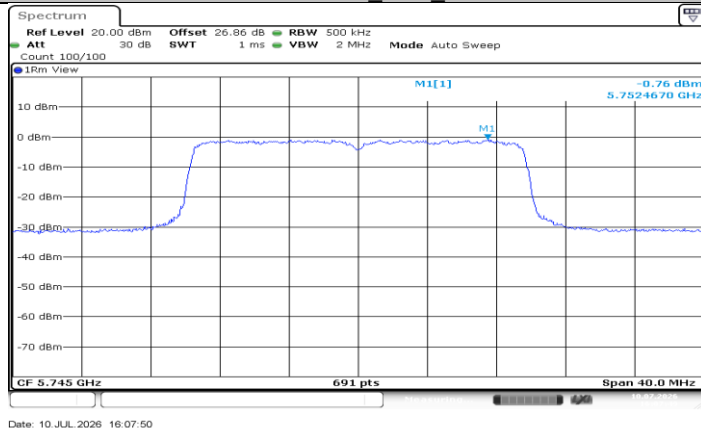
11AX20MIMO_Ant1_5720_UNII-3



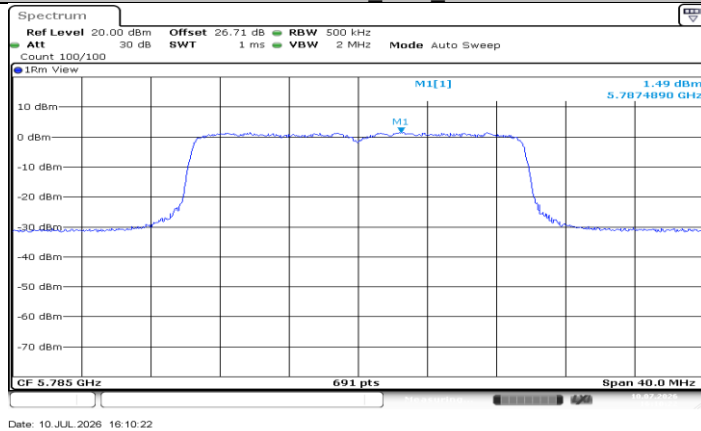
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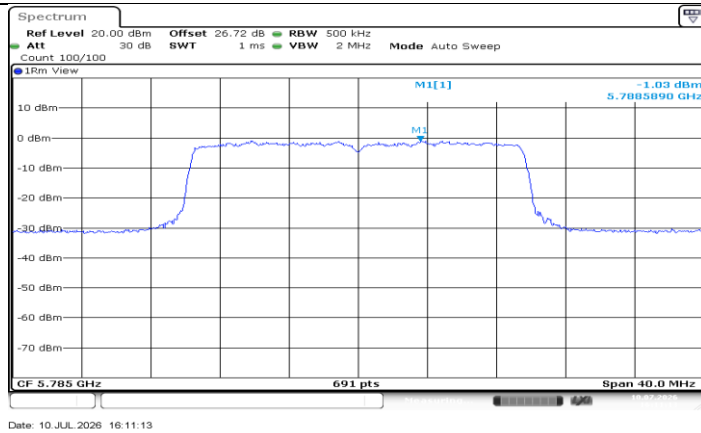
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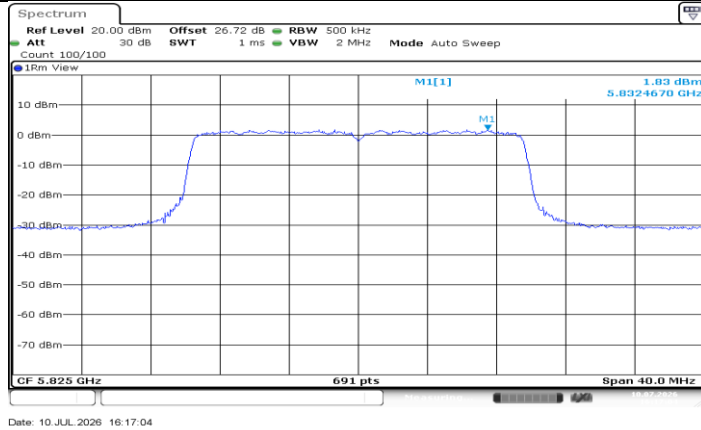
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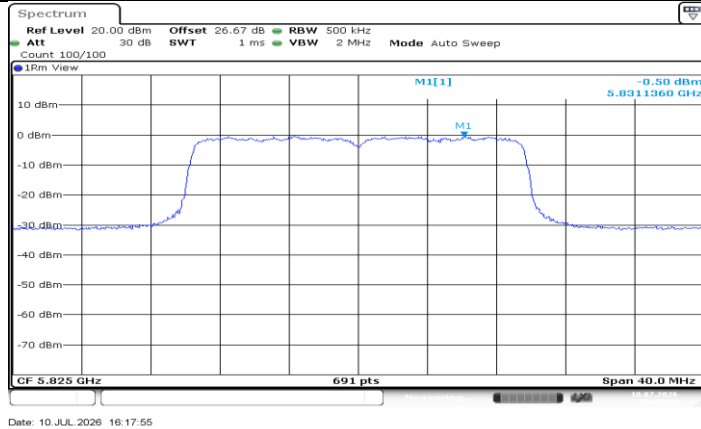
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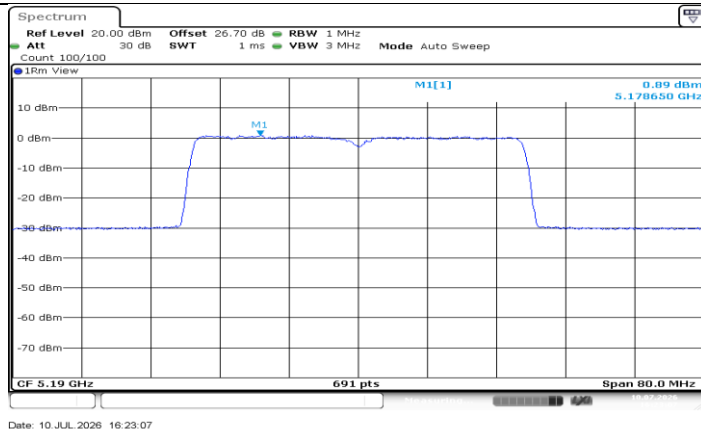
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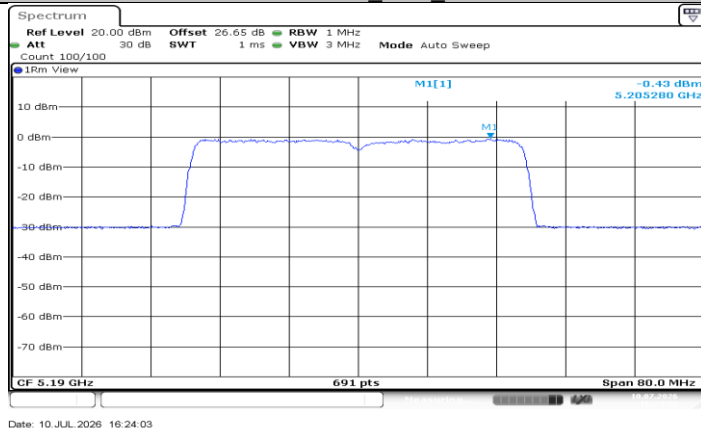
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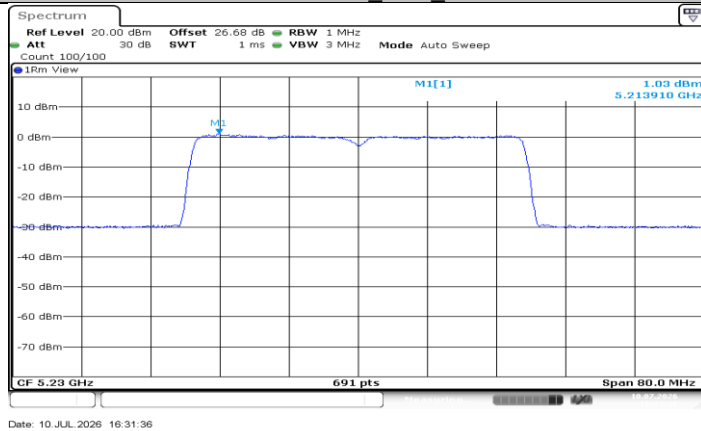
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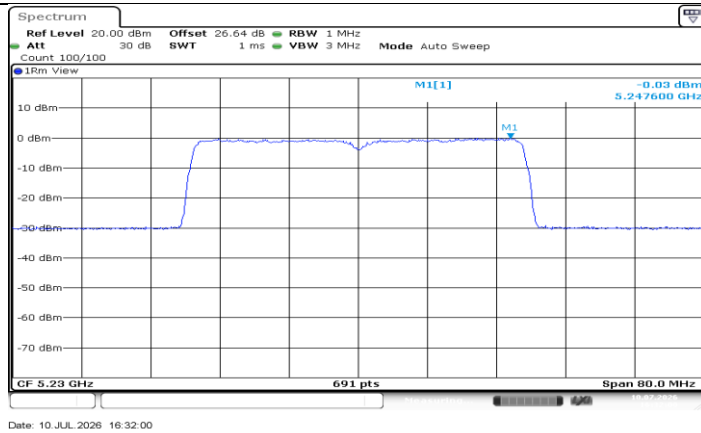
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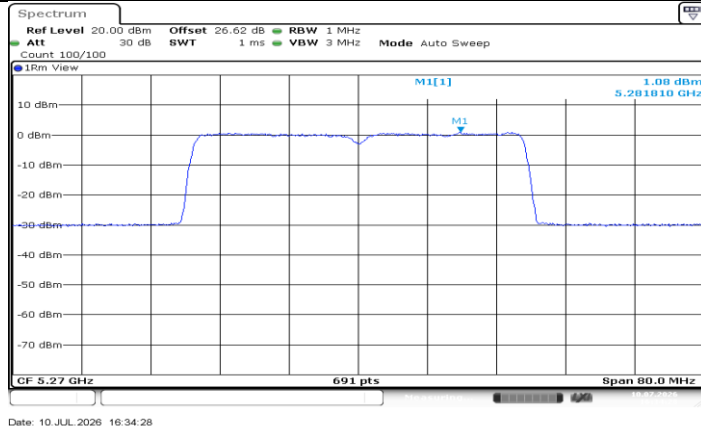
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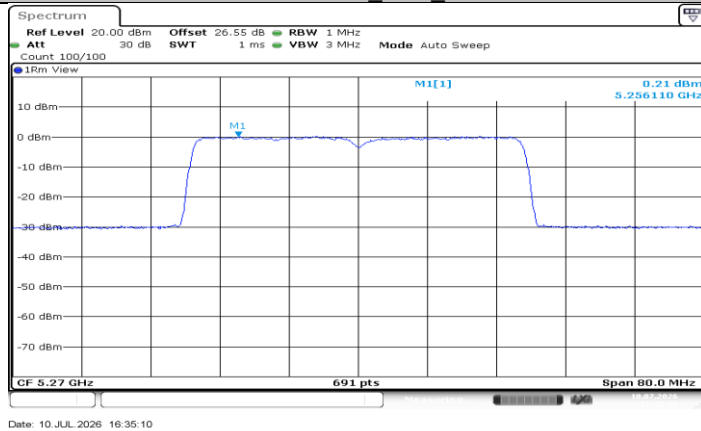
11AX40MIMO_Ant1_5230



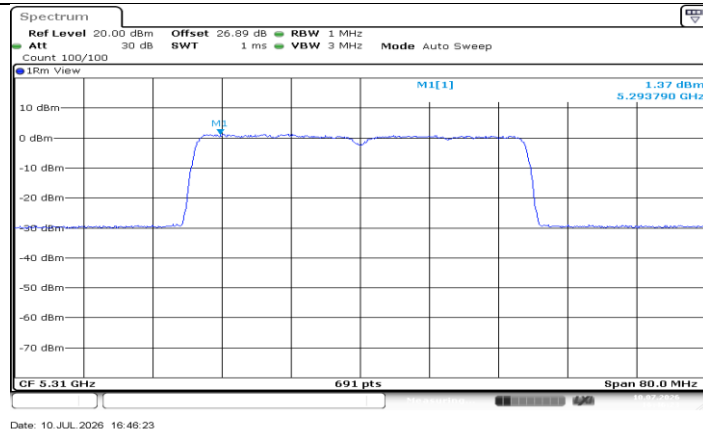
11AX40MIMO_Ant2_5230



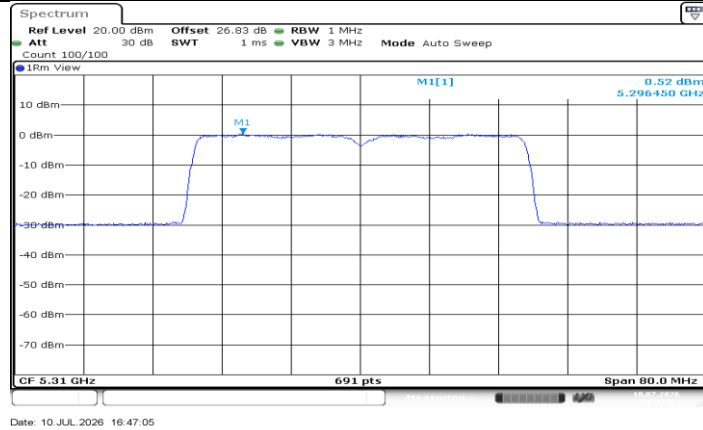
11AX40MIMO_Ant1_5270



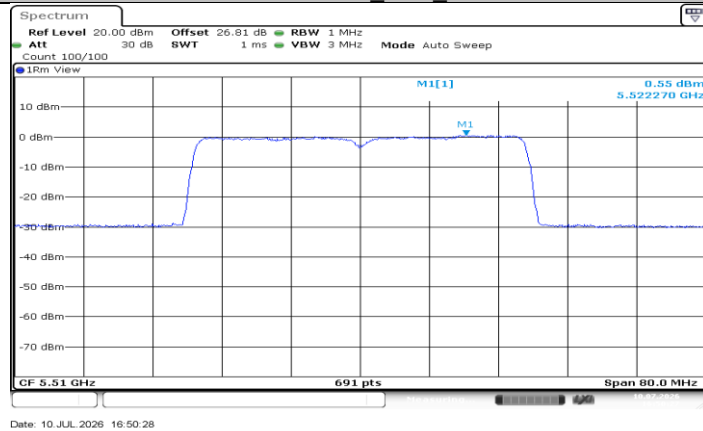
11AX40MIMO_Ant2_5270



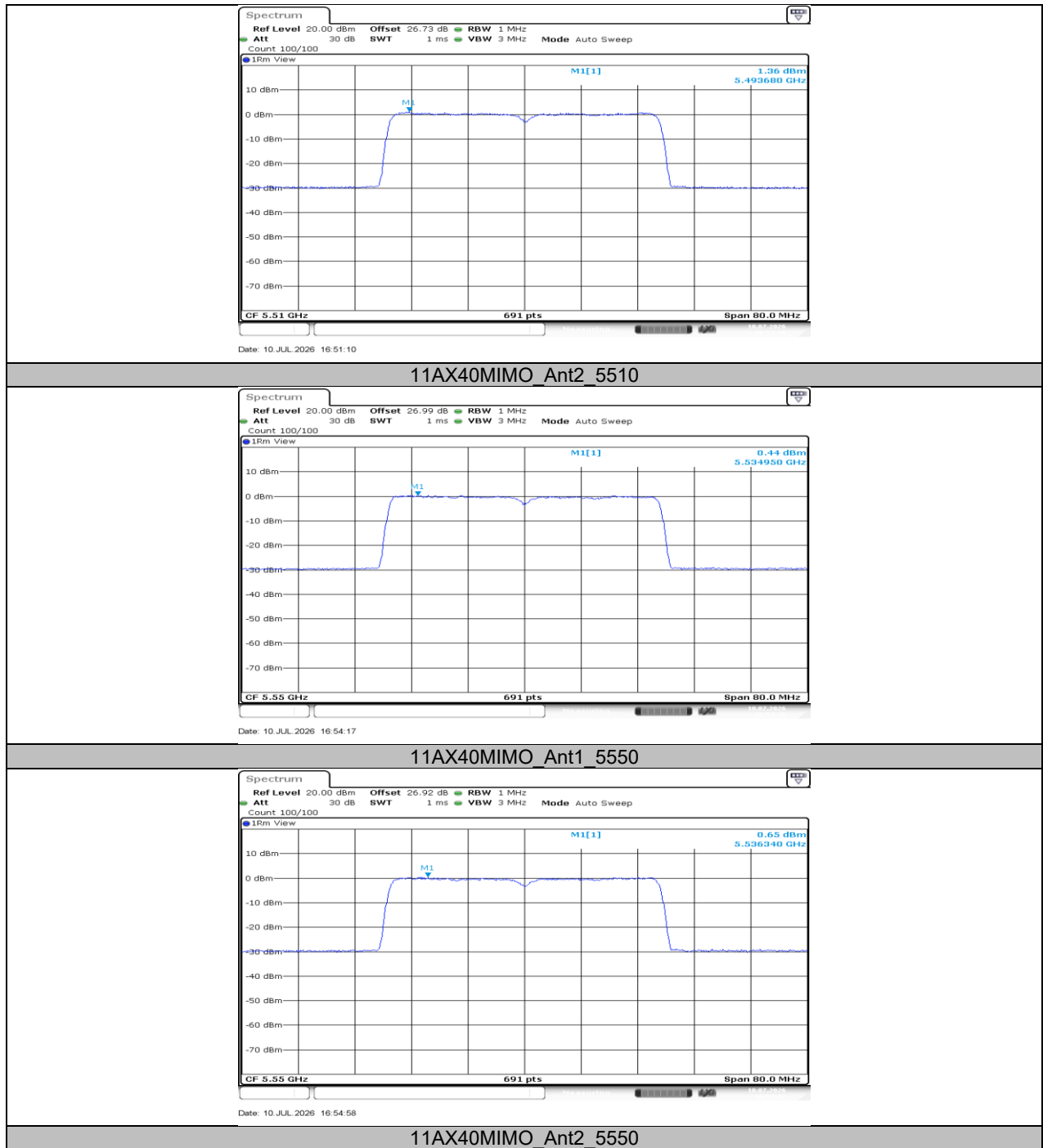
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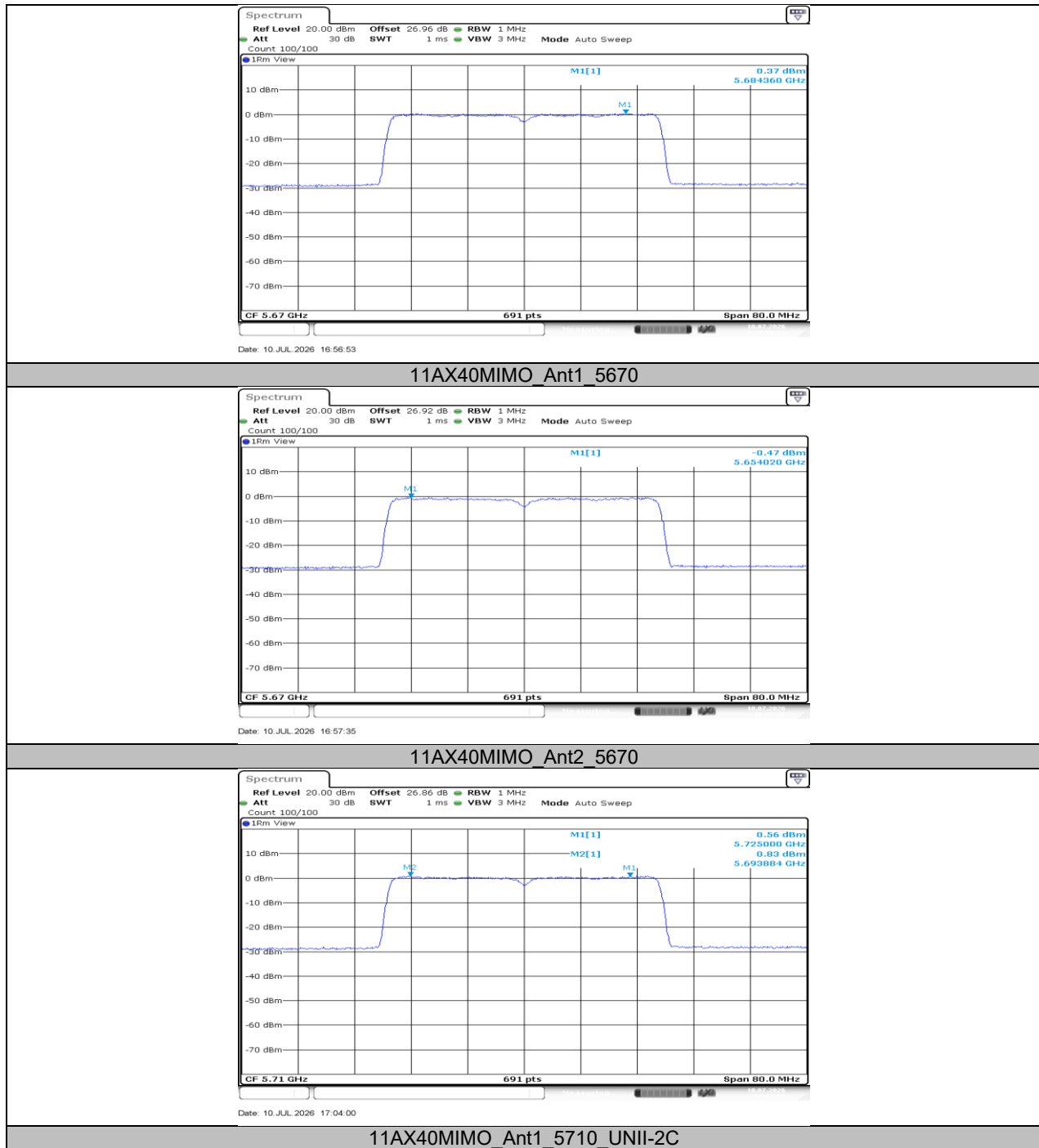


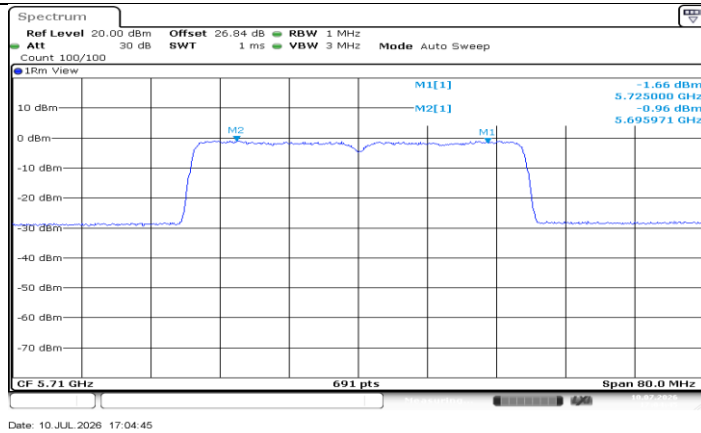
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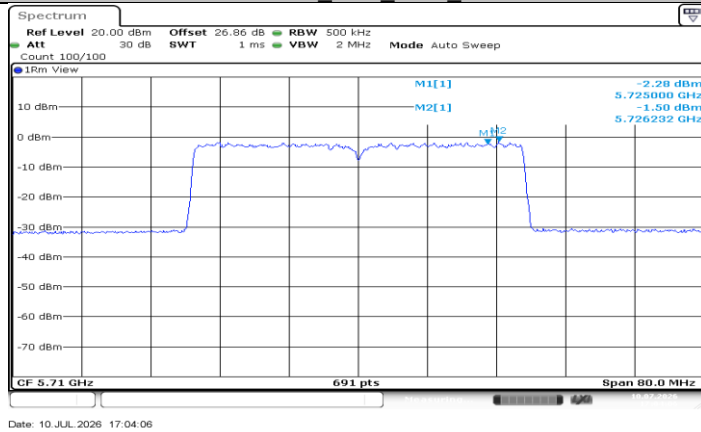
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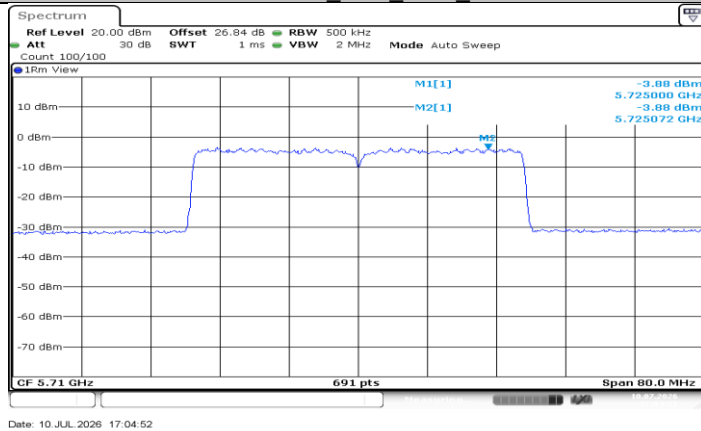




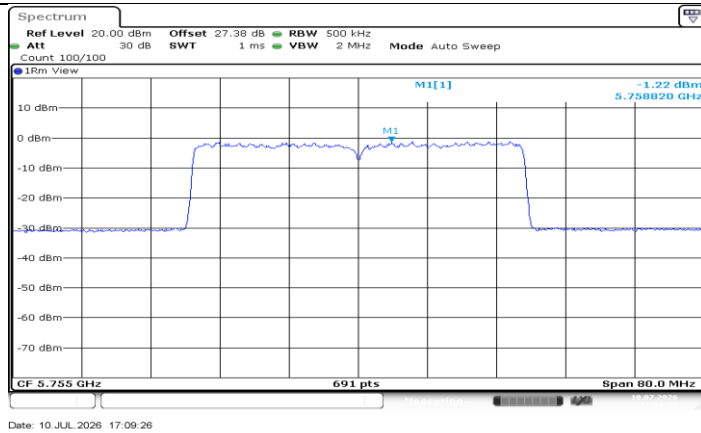
11AX40MIMO_Ant2_5710_UNII-2C



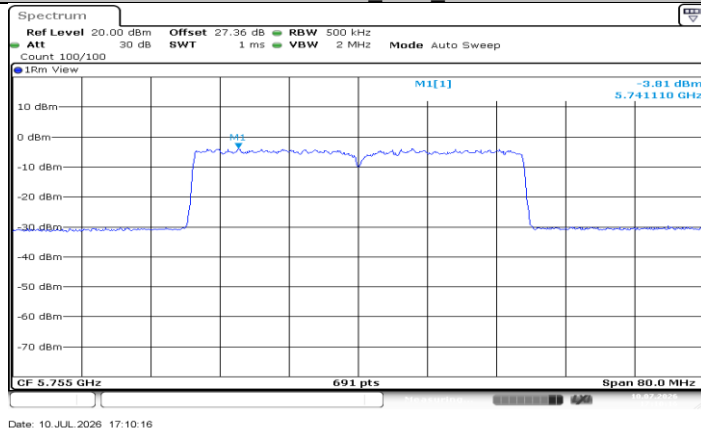
11AX40MIMO_Ant1_5710_UNII-3



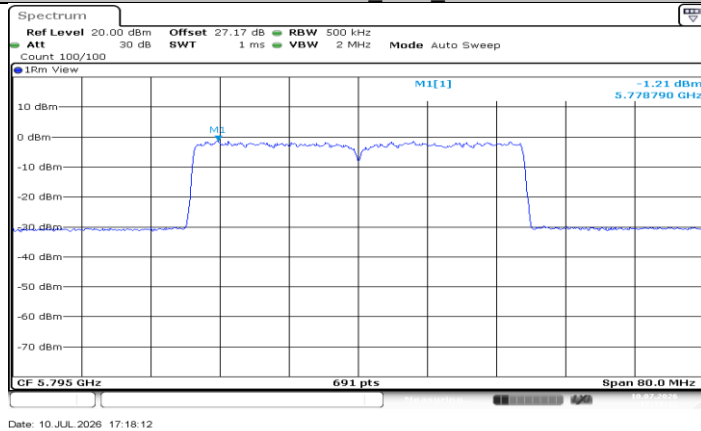
11AX40MIMO_Ant2_5710_UNII-3



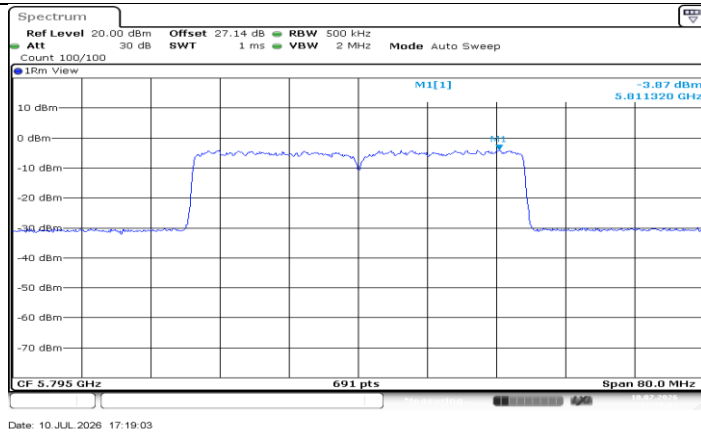
11AX40MIMO_Ant1_5755



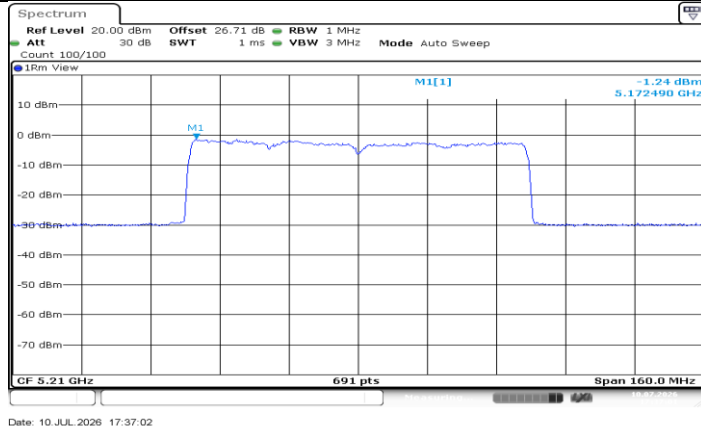
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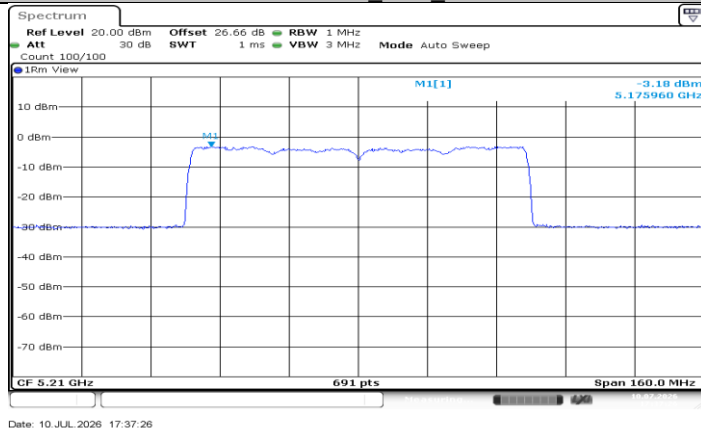
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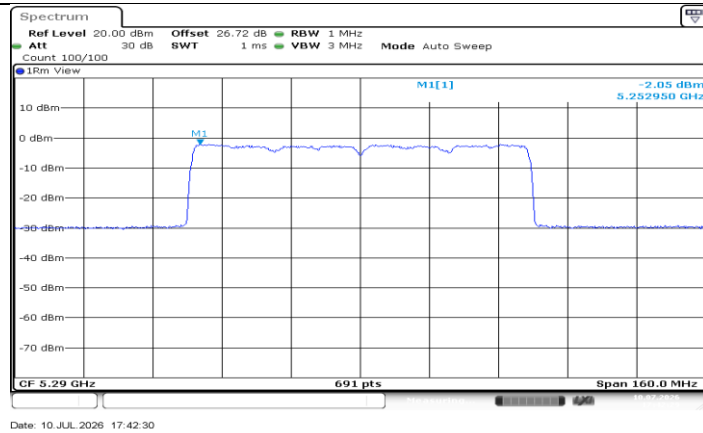
11AX40MIMO_Ant2_5795



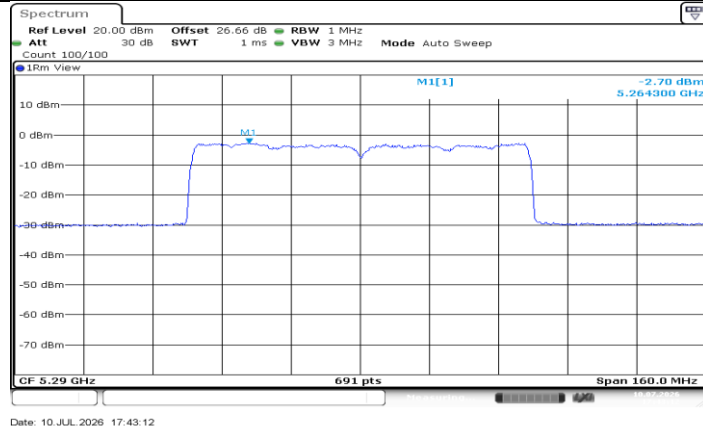
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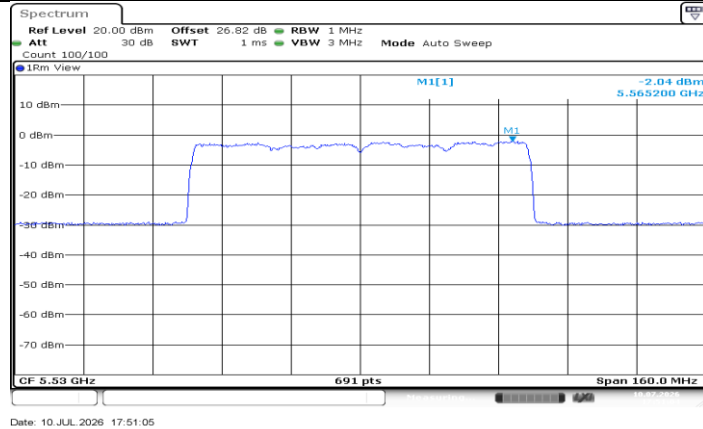
11AX80MIMO_Ant2_5210



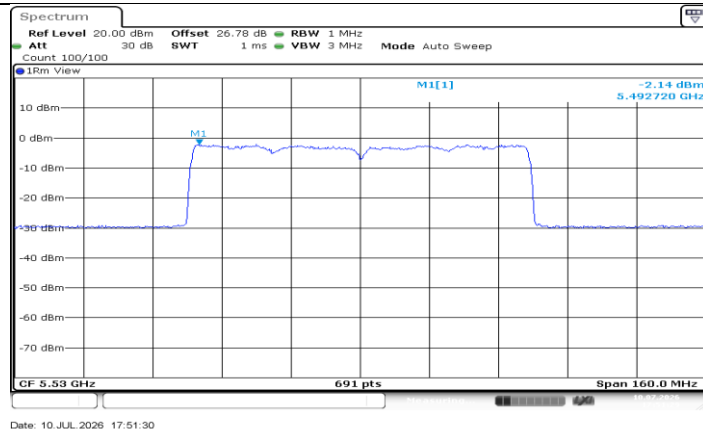
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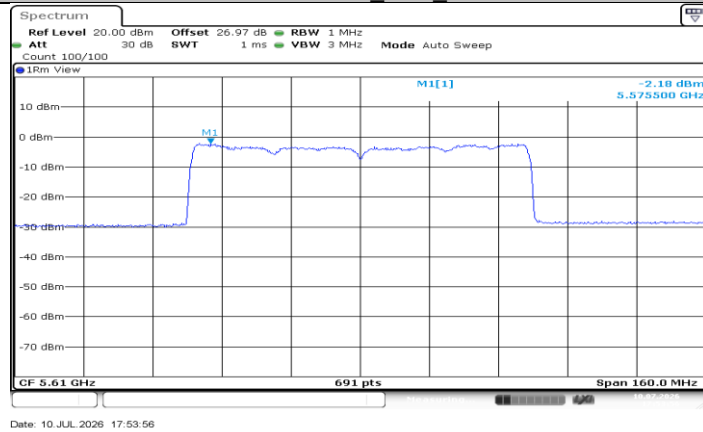
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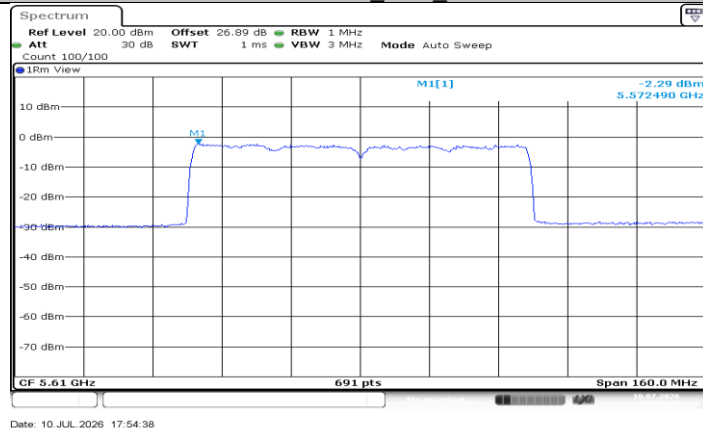
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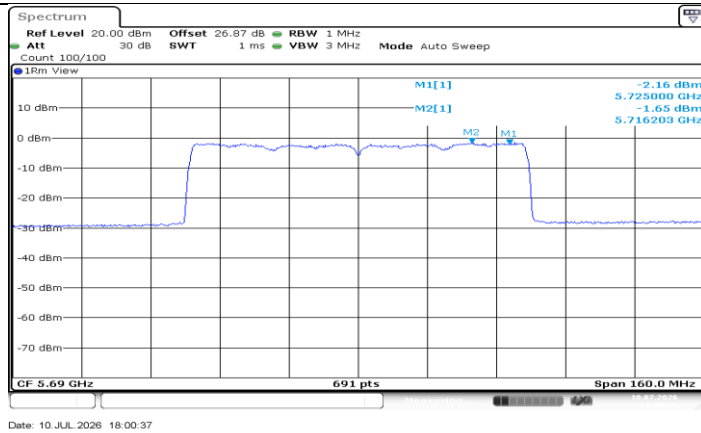
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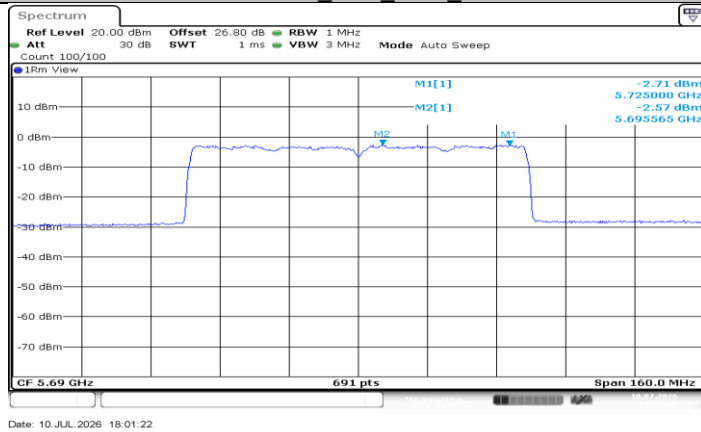
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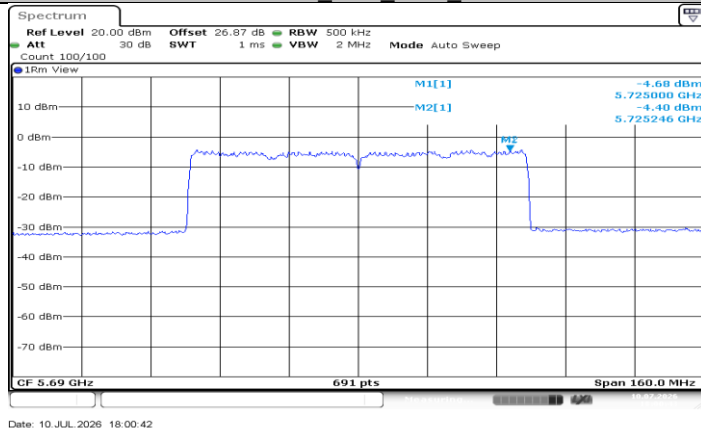
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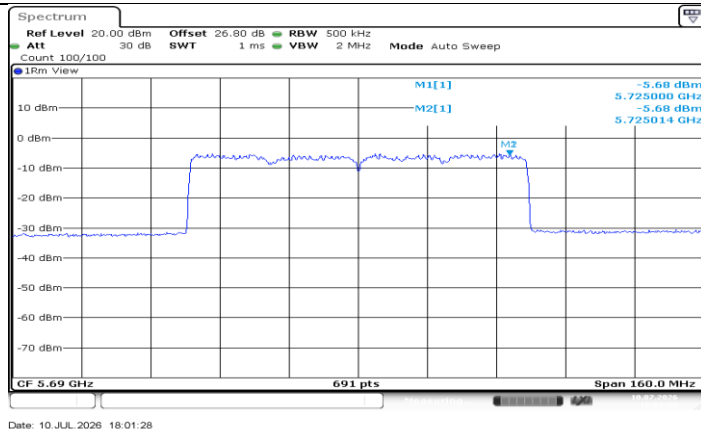
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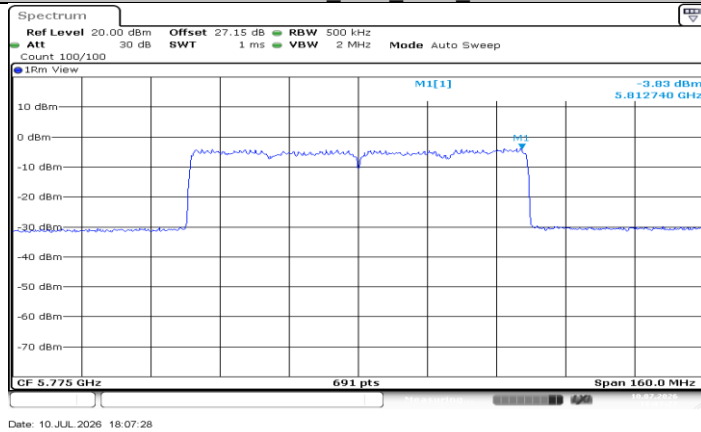
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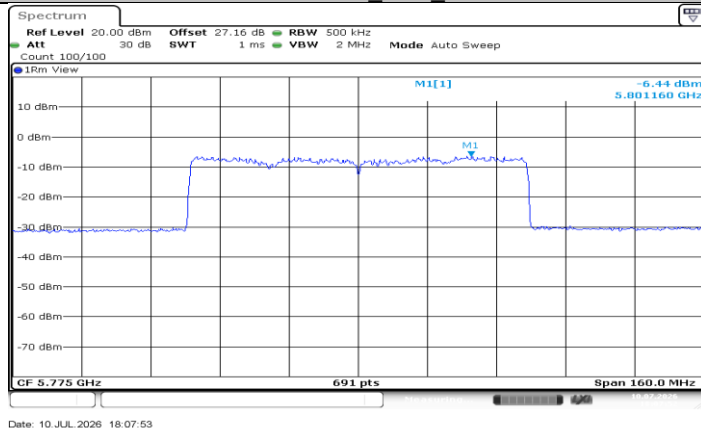
11AX80MIMO_Ant1_5690_UNII-3



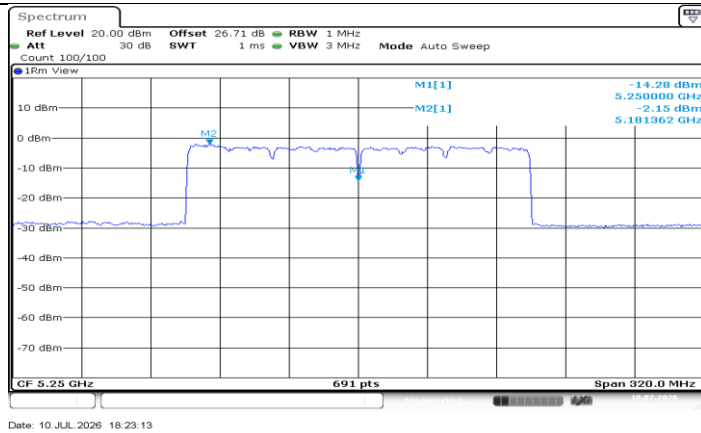
11AX80MIMO_Ant2_5690_UNII-3



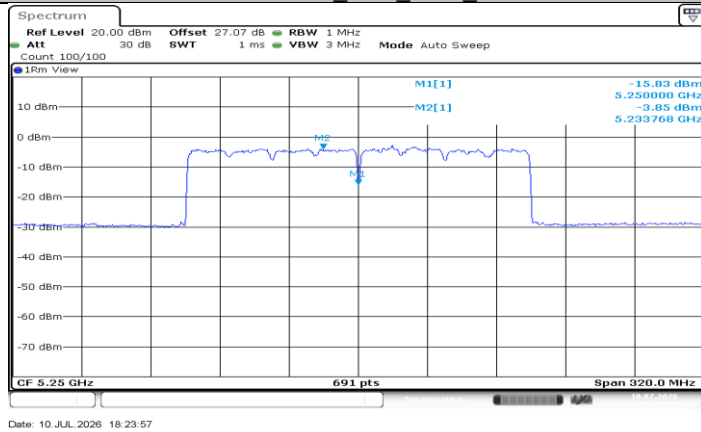
11AX80MIMO_Ant1_5775



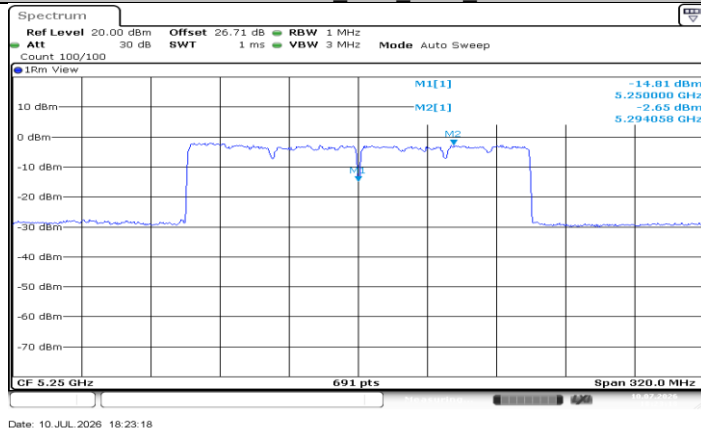
11AX80MIMO_Ant2_5775



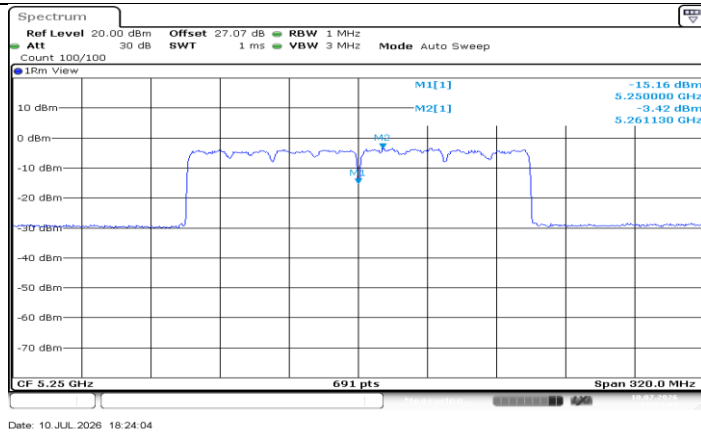
11AX160MIMO_Ant1_5250_UNII-1



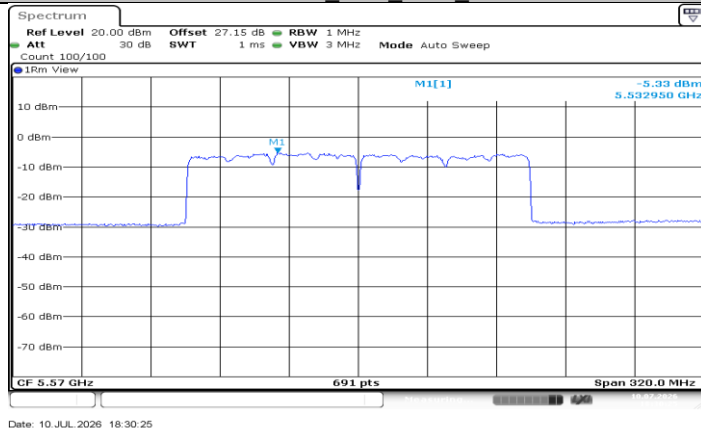
11AX160MIMO_Ant2_5250_UNII-1



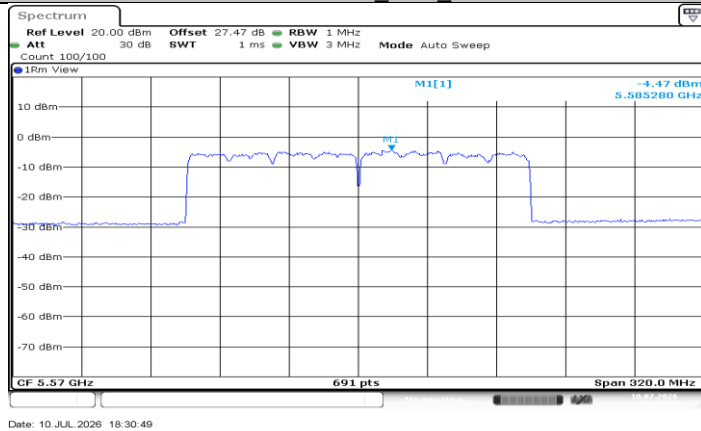
11AX160MIMO_Ant1_5250_UNII-2A



11AX160MIMO_Ant2_5250_UNII-2A



11AX160MIMO_Ant1_5570



11AX160MIMO_Ant2_5570

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	5200.0225	4.33	5199.9988	-0.24	5200.0188	3.61	5199.9832	-3.24
TN	VN	5200.0197	3.79	5200.0171	3.28	5200.0242	4.65	5200.0172	3.30
TN	VH	5199.9820	-3.46	5199.9830	-3.27	5199.9977	-0.45	5200.0198	3.80
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)
70	VN	5200.0235	4.52	5200.0198	3.82	5200.0104	1.99	5199.9790	-4.04
60	VN	5199.9861	-2.66	5200.0000	0.00	5199.9971	-0.55	5200.0000	0.00
50	VN	5200.0186	3.58	5199.9973	-0.51	5200.0179	3.44	5199.9978	-0.42
40	VN	5199.9935	-1.24	5200.0228	4.38	5200.0237	4.56	5199.9854	-2.80
30	VN	5200.0163	3.13	5199.9937	-1.21	5199.9820	-3.47	5199.9937	-1.21
20	VN	5200.0109	2.09	5200.0010	0.20	5200.0244	4.69	5199.9944	-1.08
10	VN	5200.0164	3.16	5199.9840	-3.08	5200.0047	0.90	5200.0139	2.66
0	VN	5199.9913	-1.68	5200.0047	0.90	5200.0139	2.67	5199.9950	-0.96
-10	VN	5199.9965	-0.68	5200.0058	1.11	5200.0061	1.18	5200.0118	2.28
-20	VN	5199.9893	-2.06	5200.0027	0.52	5199.9913	-1.67	5199.9964	-0.68
-30	VN	5199.9780	-4.24	5200.0179	3.43	5200.0019	0.36	5199.9866	-2.57
-40	VN	5199.9980	-0.39	5199.9859	-2.71	5199.9968	-0.61	5200.0027	0.52

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	1.44	0.9653	96.53	0.15	0.72	1
11N20MIMO	0.67	0.73	0.9178	91.78	0.37	1.49	2
11N40MIMO	0.34	0.4	0.8500	85.00	0.71	2.94	3
11AC80MIMO	0.06	0.12	0.5000	50.00	3.01	16.67	17
11AX20MIMO	0.22	0.27	0.8148	81.48	0.89	4.55	5
11AX40MIMO	0.16	0.22	0.7273	72.73	1.38	6.25	7
11AX80MIMO	0.14	0.19	0.7368	73.68	1.33	7.14	8
11AX160MIMO	0.12	0.17	0.7059	70.59	1.51	8.33	9

Note:

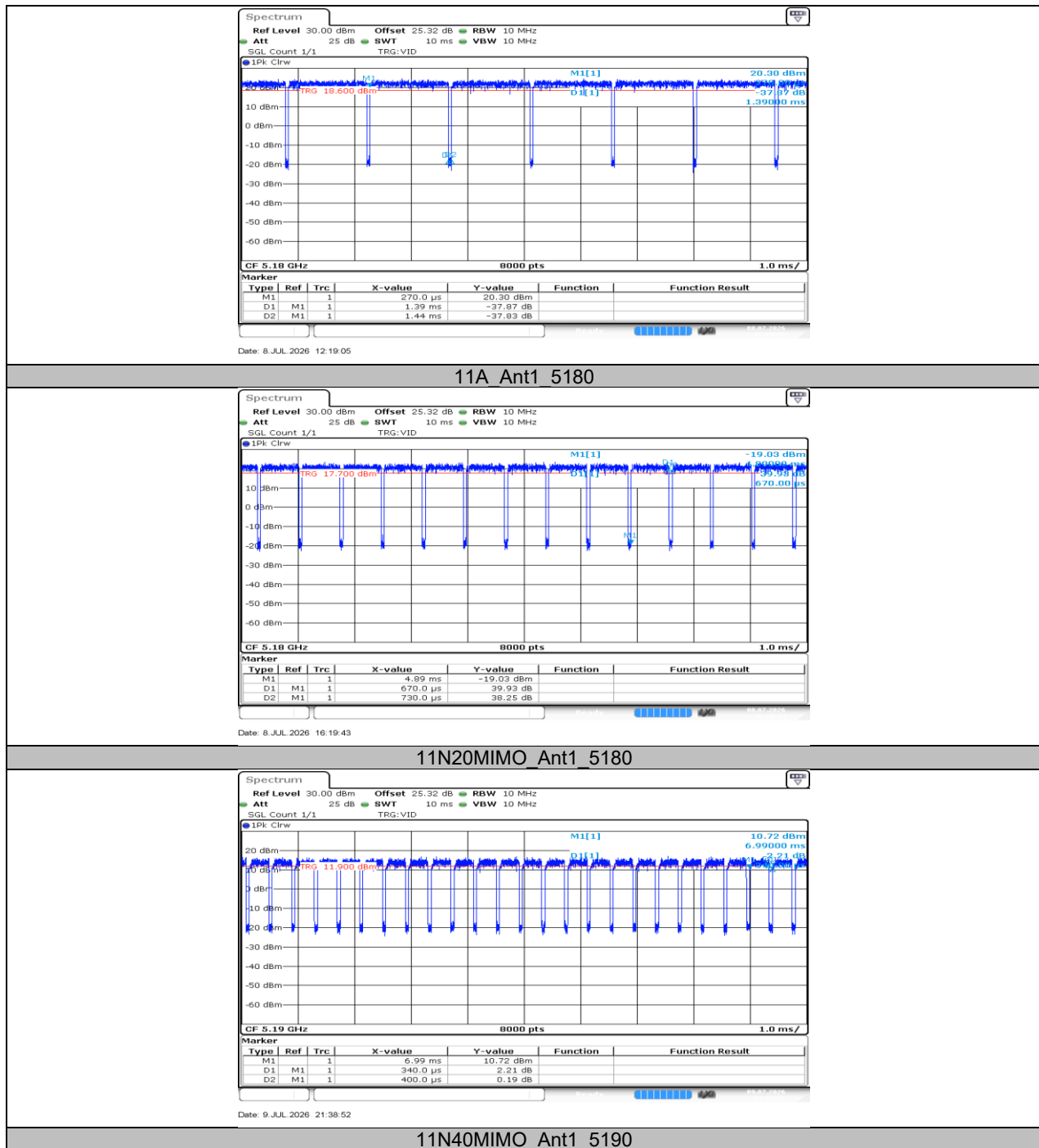
Duty Cycle Correction Factor=10log (1/x).

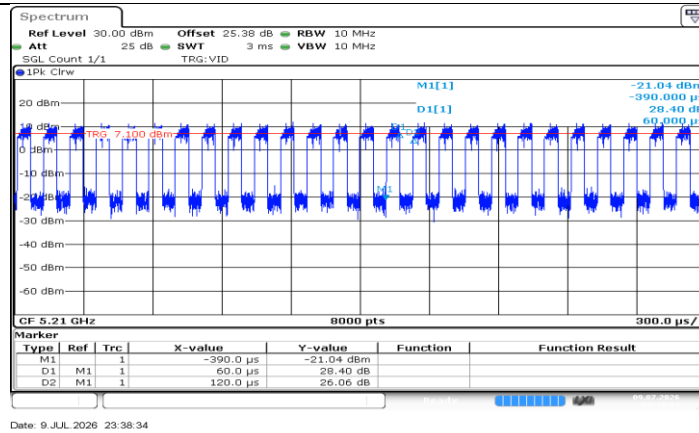
Where: x is Duty Cycle (Linear)

Where: T is On Time

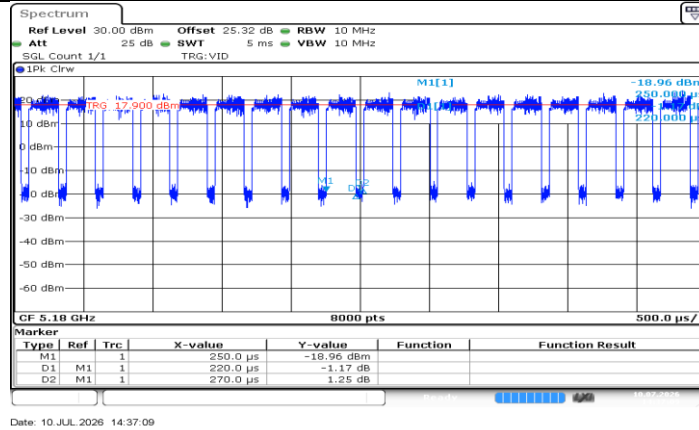
If that calculated VBW is not available on the analyzer then the next higher value should be used.

11.7.2. Test Graphs

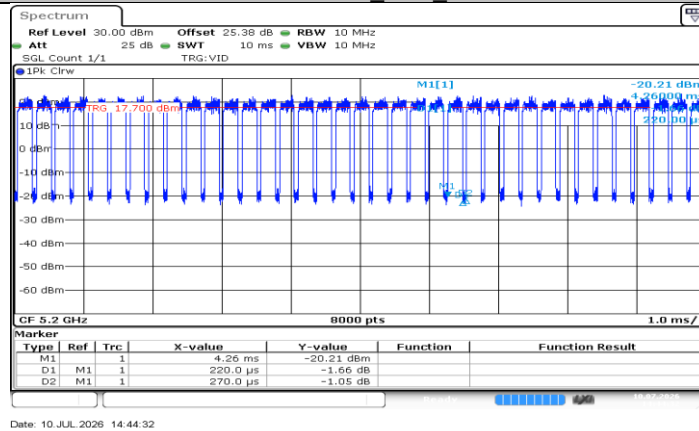




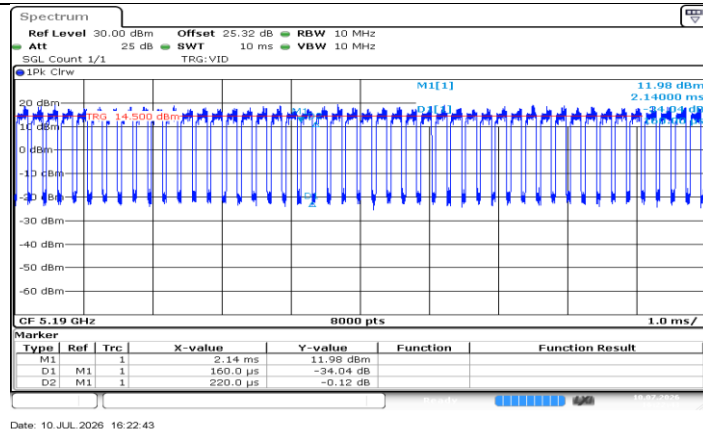
11AC80MIMO_Ant1_5210



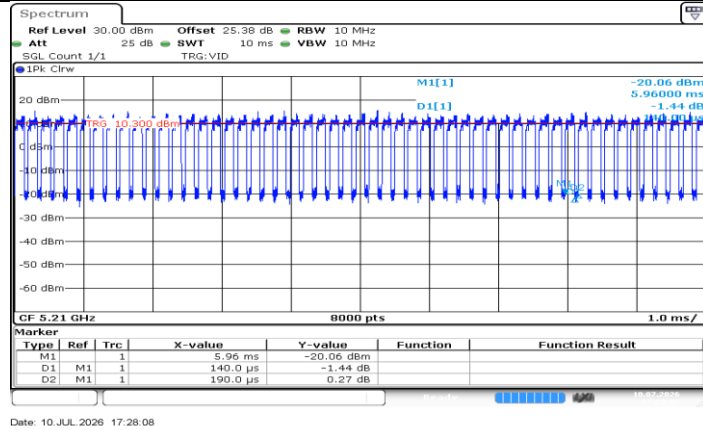
11AX20MIMO_Ant1_5180



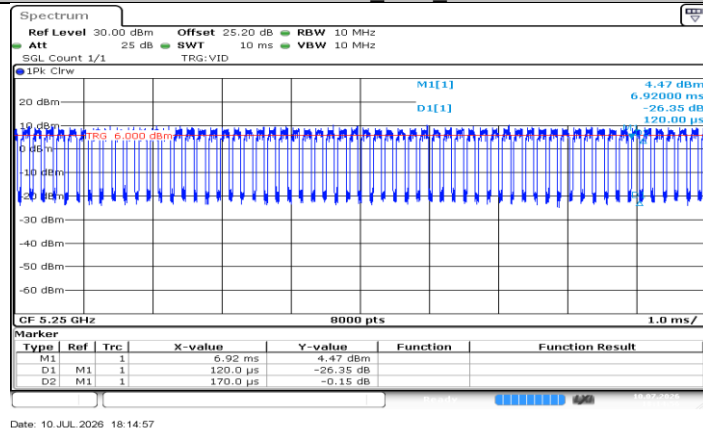
11AX20MIMO_Ant1_5200



11AX40MIMO_Ant1_5190



11AX80MIMO_Ant1_5210



11AX160MIMO_Ant1_5250

11.8. APPENDIX H: DFS DETECTION THRESHOLDS

11.8.1. Test Result

TestMode	Frequency[dbm]	Radar Type	Result	Limit[dbm]	Verdict
11AX20SISO	5260	Type0	-62.11	-58.80	PASS
		Type1	-62.00	-58.80	PASS
		Type2	-62.21	-58.80	PASS
		Type3	-62.16	-58.80	PASS
		Type4	-62.08	-58.80	PASS
		Type5	-62.19	-58.80	PASS
		Type6	-62.45	-58.80	PASS
	5500	Type0	-62.57	-58.80	PASS
		Type1	-62.12	-58.80	PASS
		Type2	-62.01	-58.80	PASS
		Type3	-62.39	-58.80	PASS
		Type4	-62.29	-58.80	PASS
		Type5	-62.18	-58.80	PASS
		Type6	-62.77	-58.80	PASS
11AX160SISO	5250	Type0	-62.83	-58.80	PASS
		Type1	-62.64	-58.80	PASS
		Type2	-62.32	-58.80	PASS
		Type3	-62.46	-58.80	PASS
		Type4	-62.09	-58.80	PASS
		Type5	-62.26	-58.80	PASS
		Type6	-62.97	-58.80	PASS
	5570	Type0	-62.84	-58.80	PASS
		Type1	-62.73	-58.80	PASS
		Type2	-62.33	-58.80	PASS
		Type3	-62.13	-58.80	PASS
		Type4	-62.22	-58.80	PASS
		Type5	-62.94	-58.80	PASS
		Type6	-62.98	-58.80	PASS

11.8.2. Test Graphs

