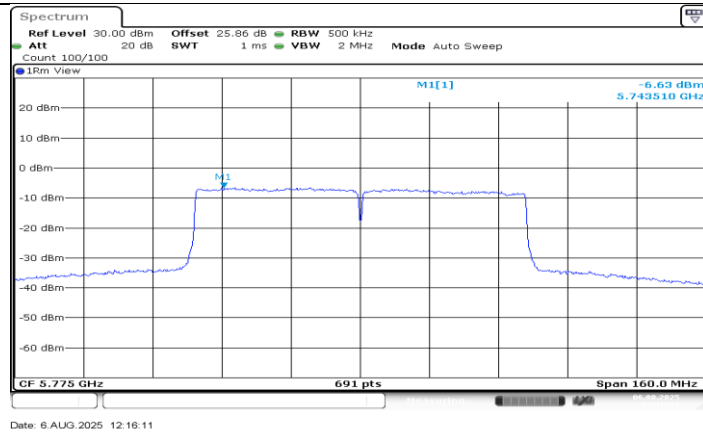
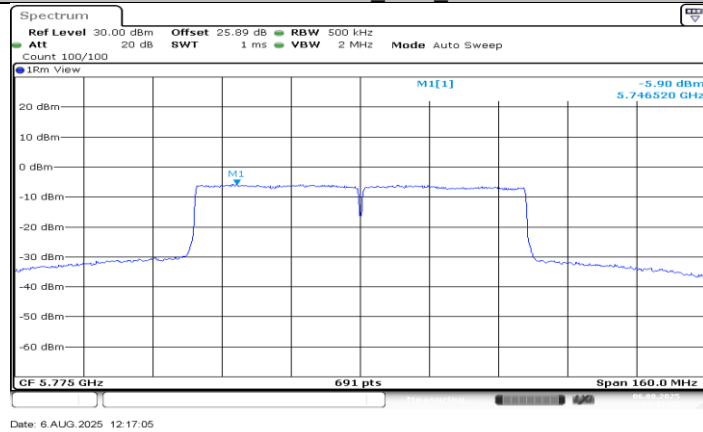
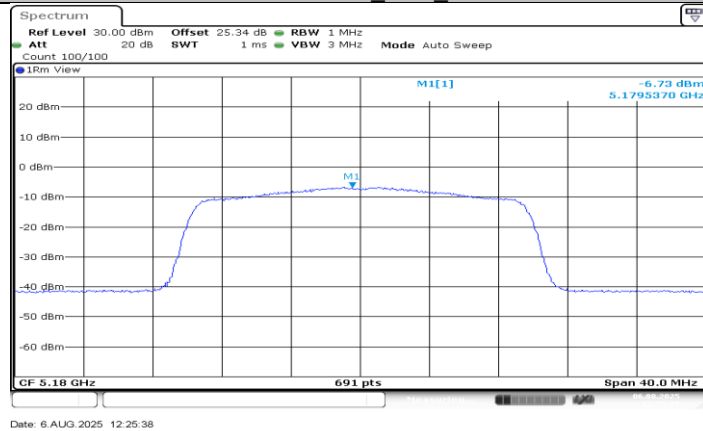




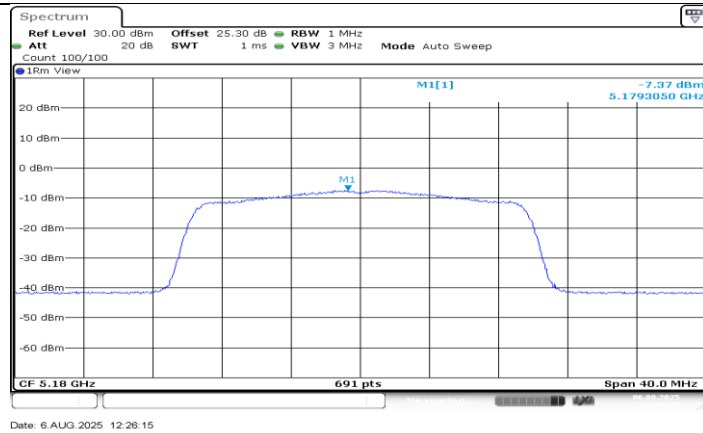
11AC80MIMO_Ant0_5775



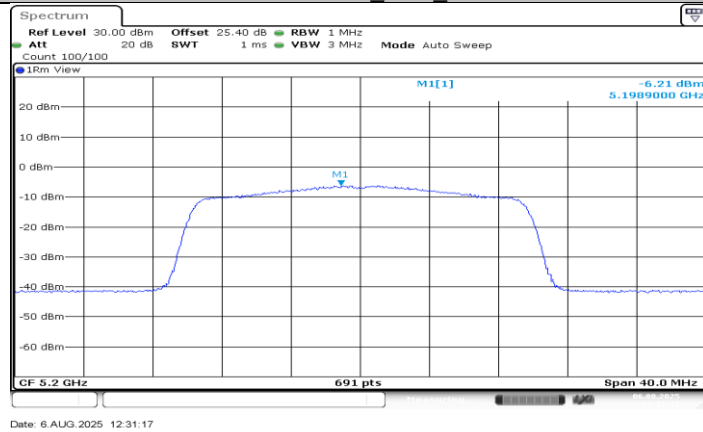
11AC80MIMO_Ant1_5775



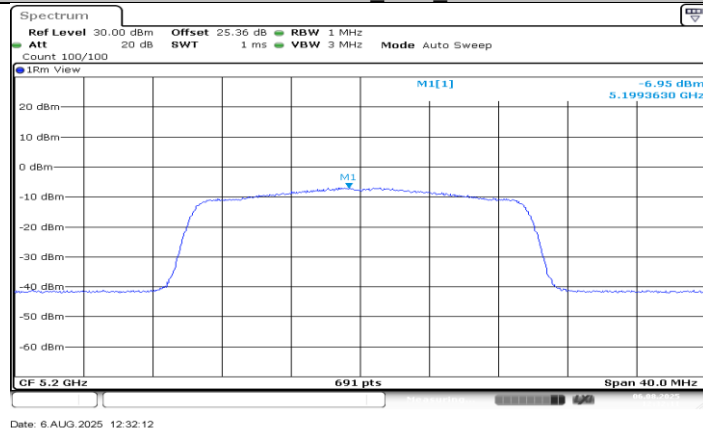
11AX20MIMO_Ant0_5180



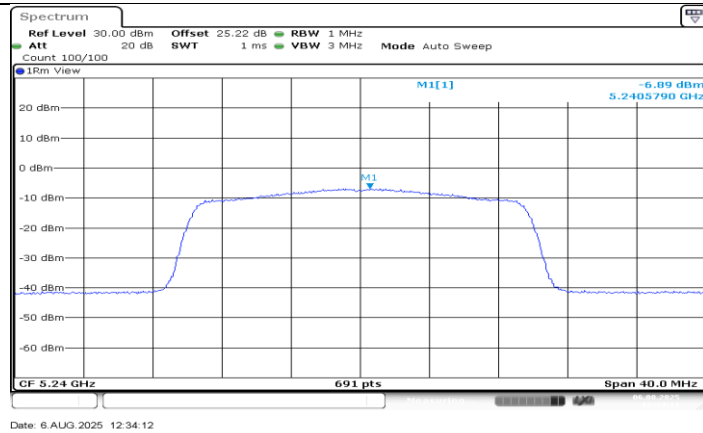
11AX20MIMO_Ant1_5180



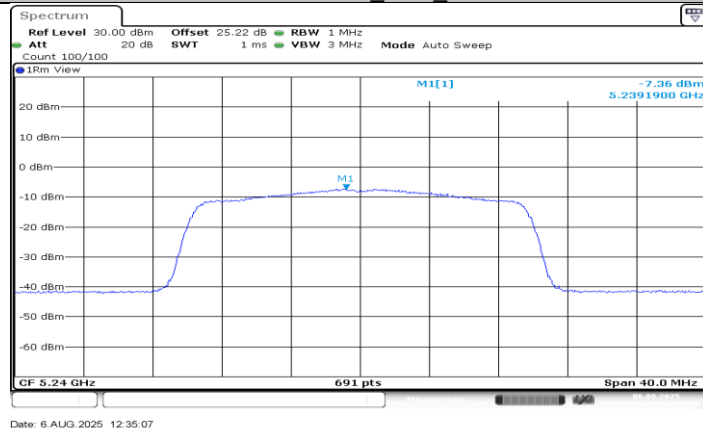
11AX20MIMO_Ant0_5200



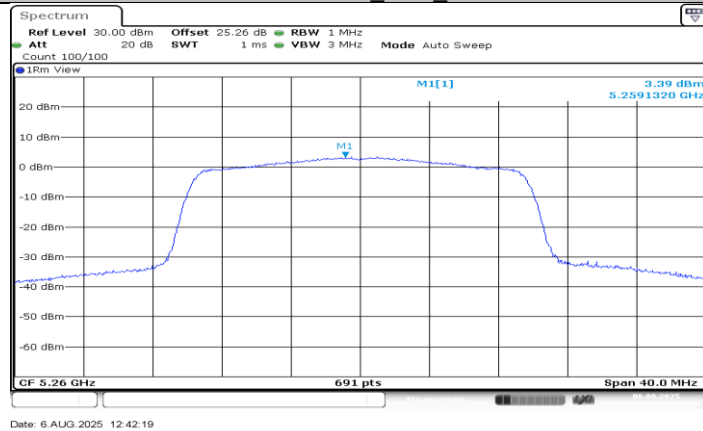
11AX20MIMO_Ant1_5200



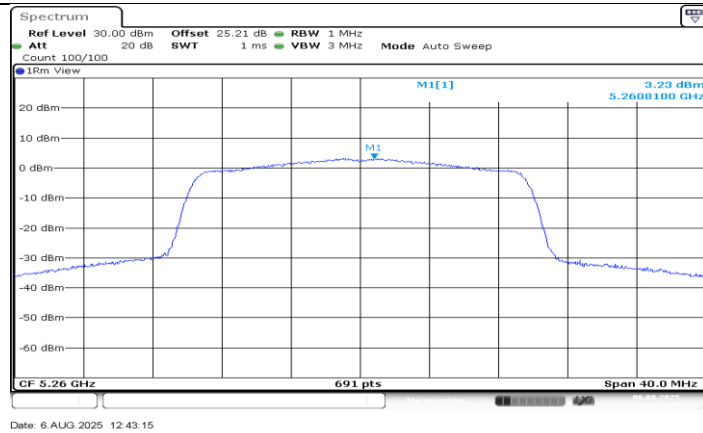
11AX20MIMO_Ant0_5240



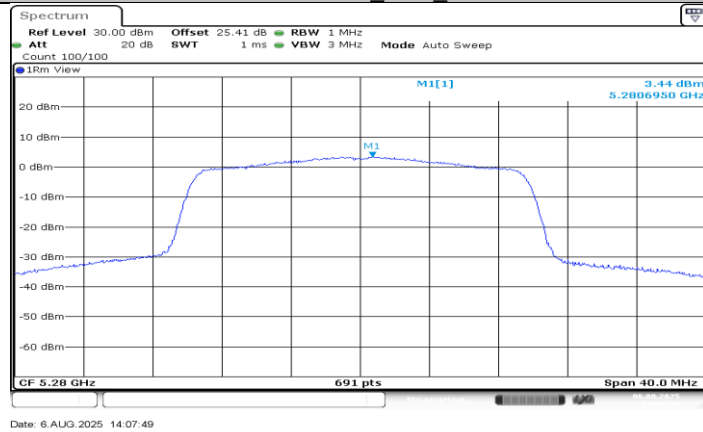
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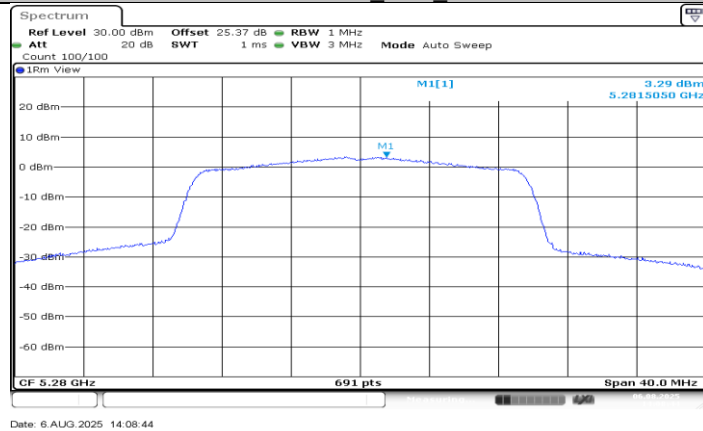
11AX20MIMO_Ant0_5260



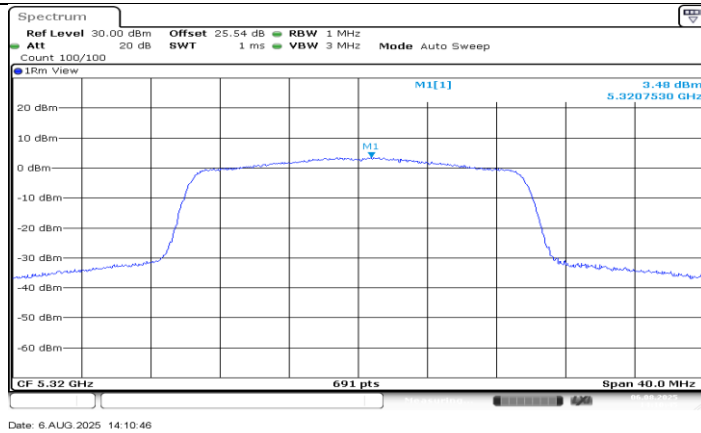
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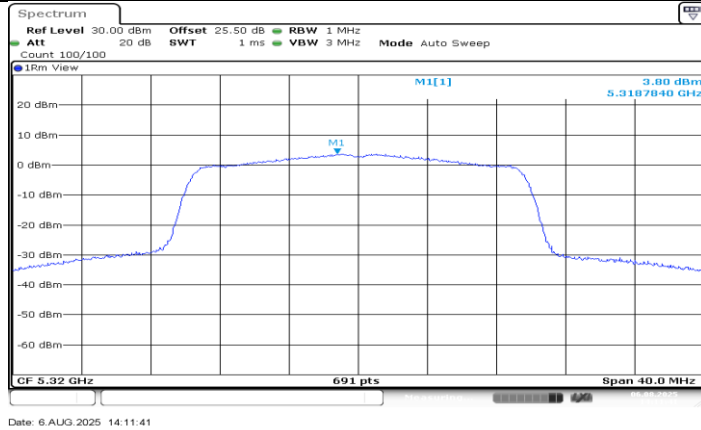
11AX20MIMO_Ant0_5280



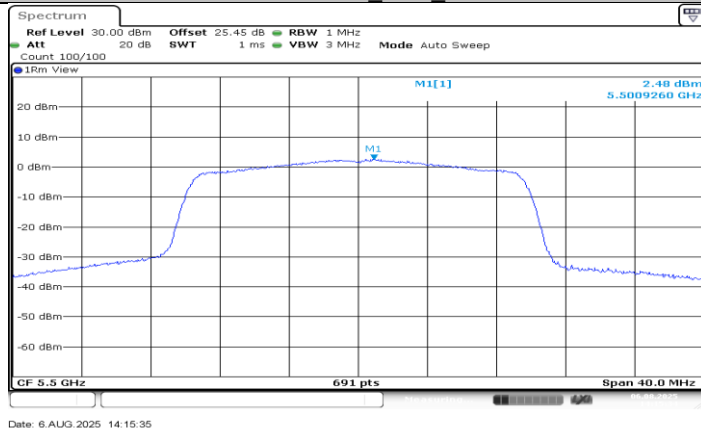
11AX20MIMO_Ant1_5280



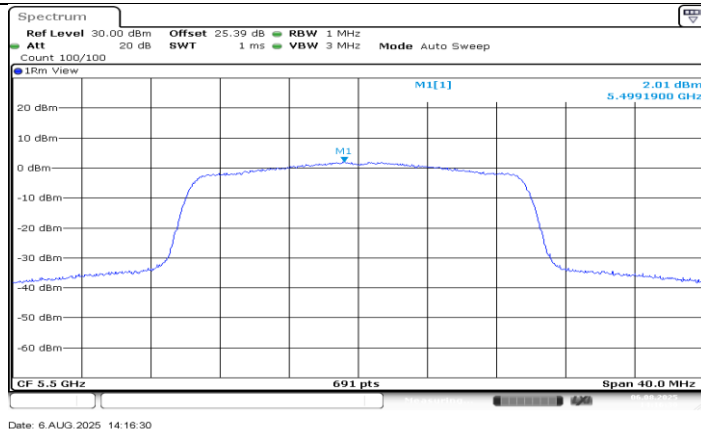
11AX20MIMO_Ant0_5320



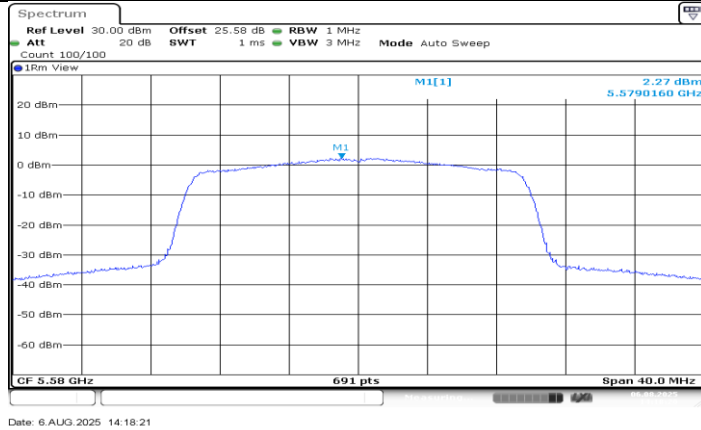
11AX20MIMO_Ant1_5320



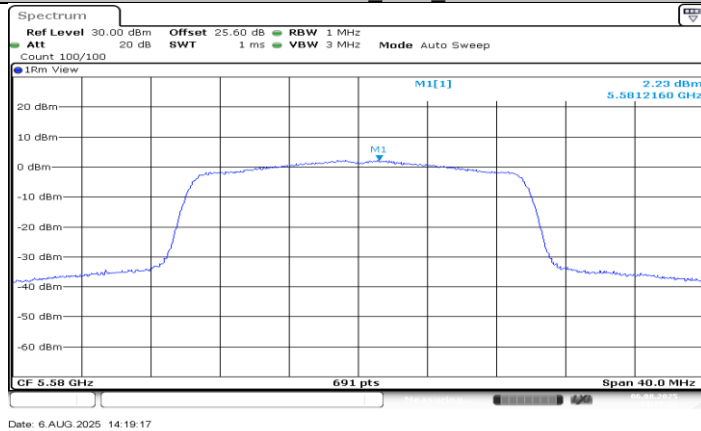
11AX20MIMO_Ant0_5500



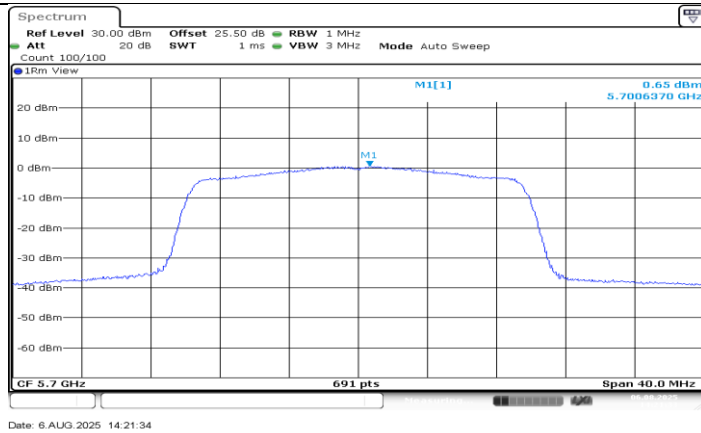
11AX20MIMO_Ant1_5500



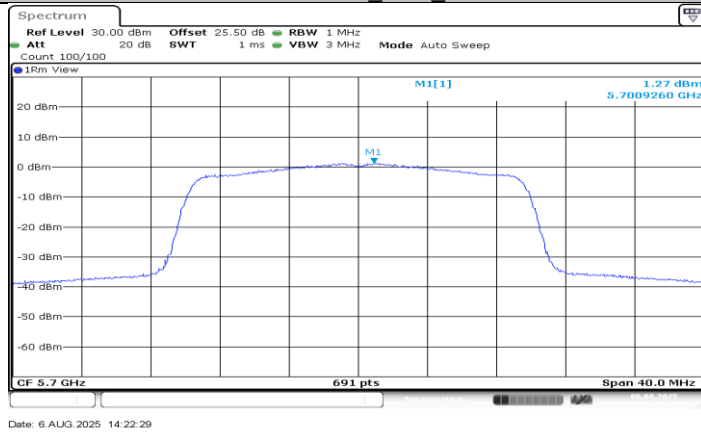
11AX20MIMO_Ant0_5580



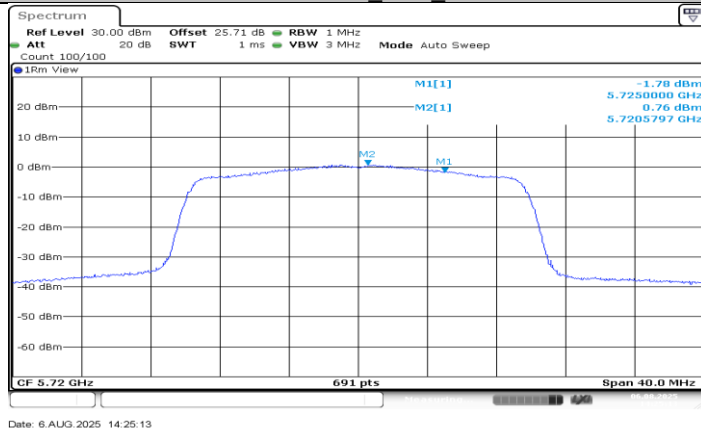
11AX20MIMO_Ant1_5580



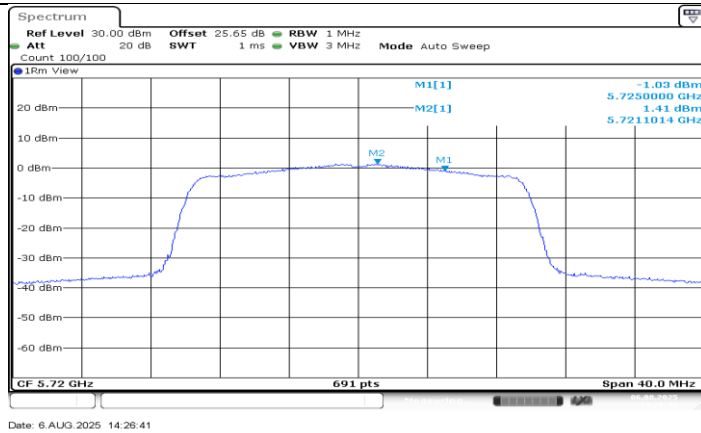
11AX20MIMO_Ant0_5700



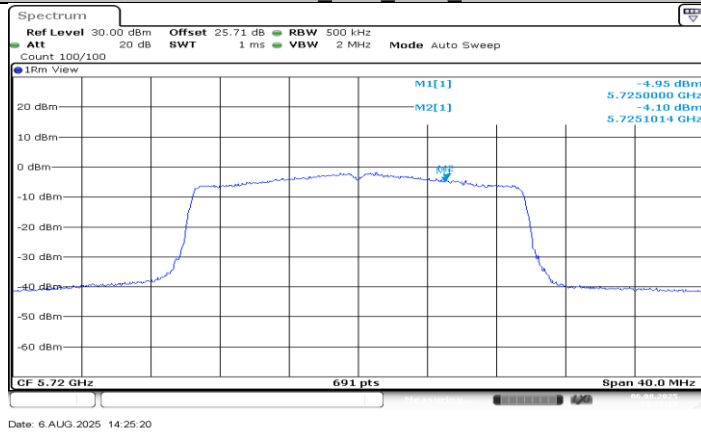
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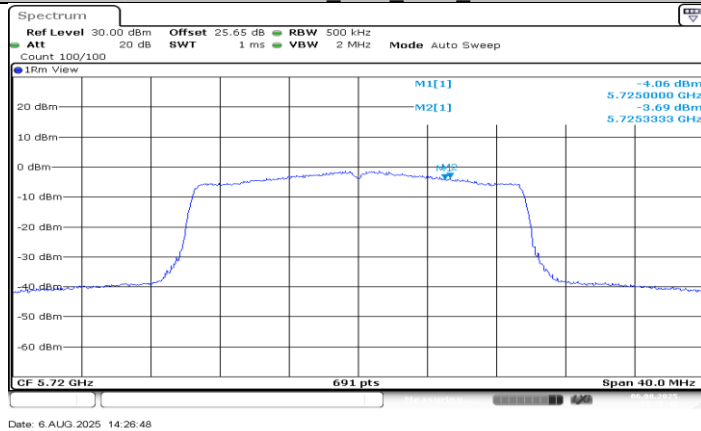
11AX20MIMO_Ant0_5720_UNII-2C



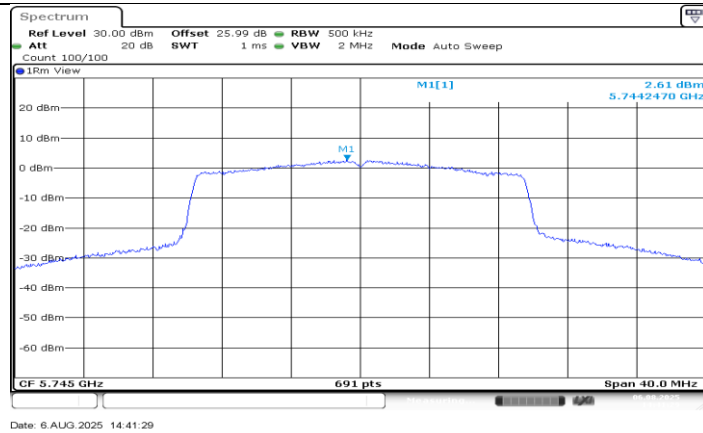
11AX20MIMO_Ant1_5720_UNII-2C



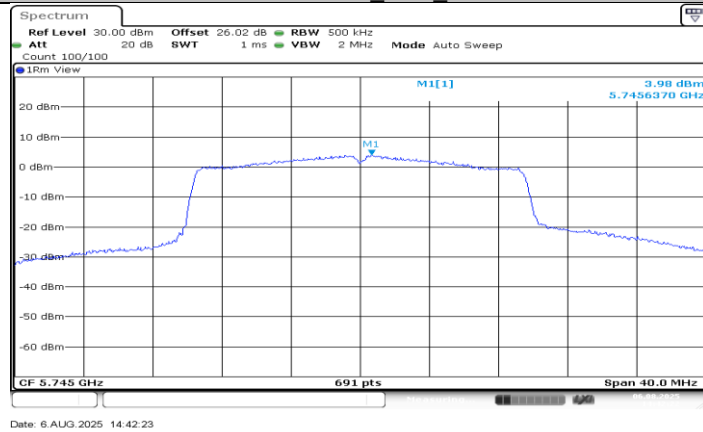
11AX20MIMO_Ant0_5720_UNII-3



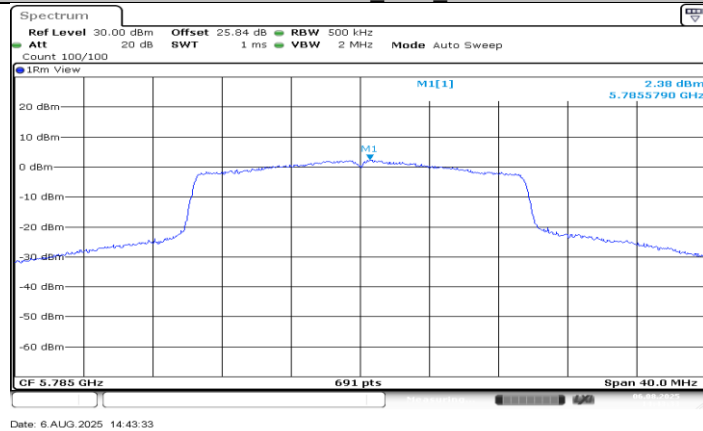
11AX20MIMO_Ant1_5720_UNII-3



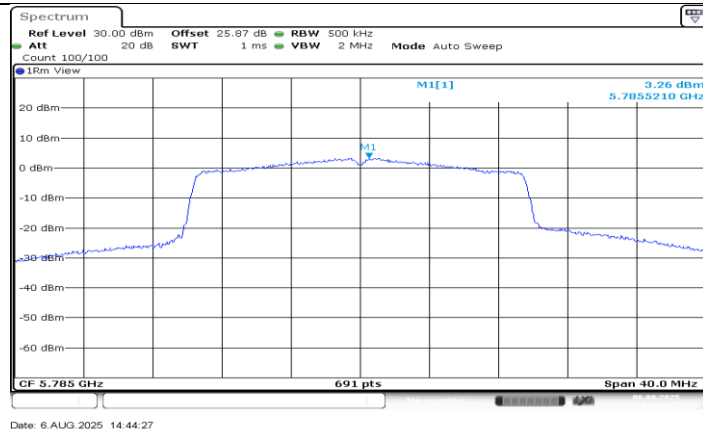
11AX20MIMO_Ant0_5745



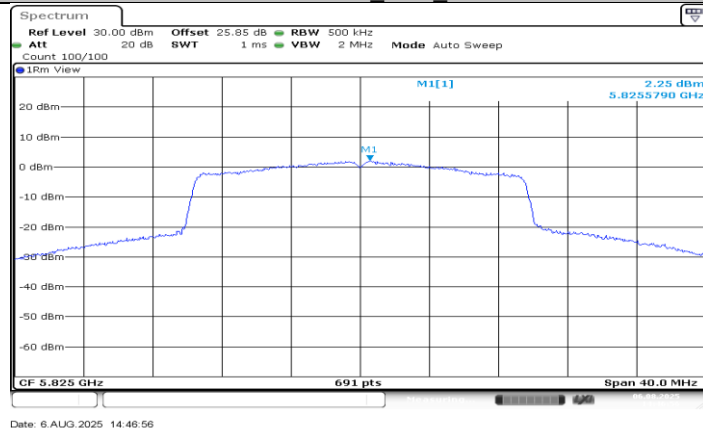
11AX20MIMO_Ant1_5745



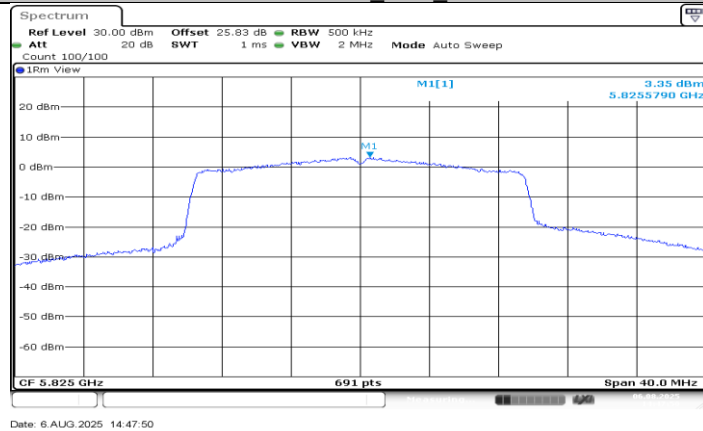
11AX20MIMO_Ant0_5785



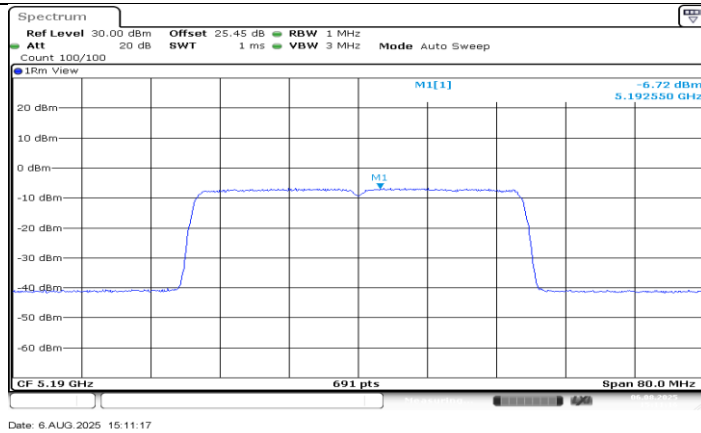
11AX20MIMO_Ant1_5785



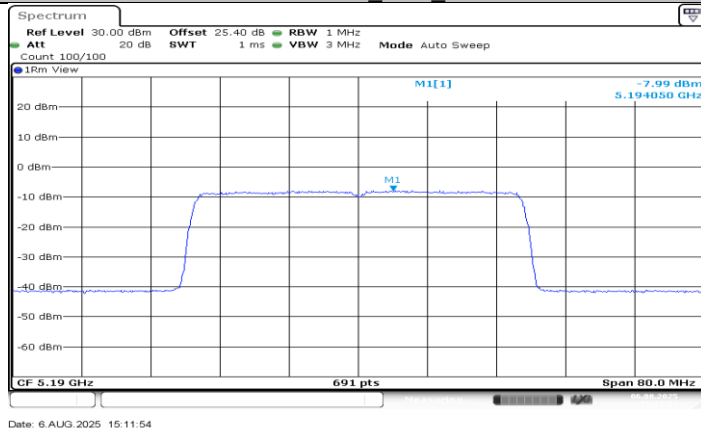
11AX20MIMO_Ant0_5825



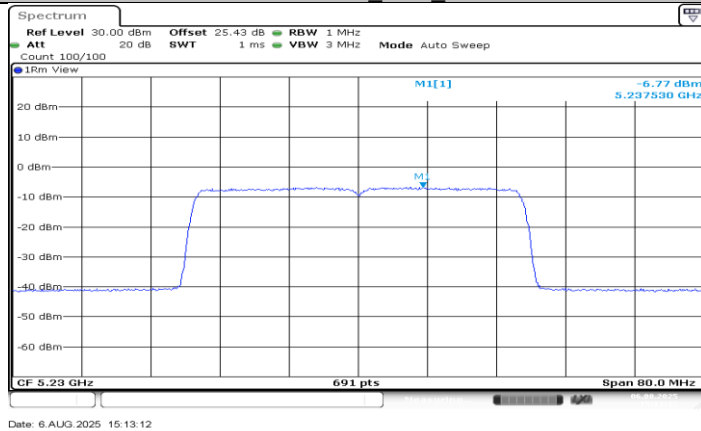
11AX20MIMO_Ant1_5825



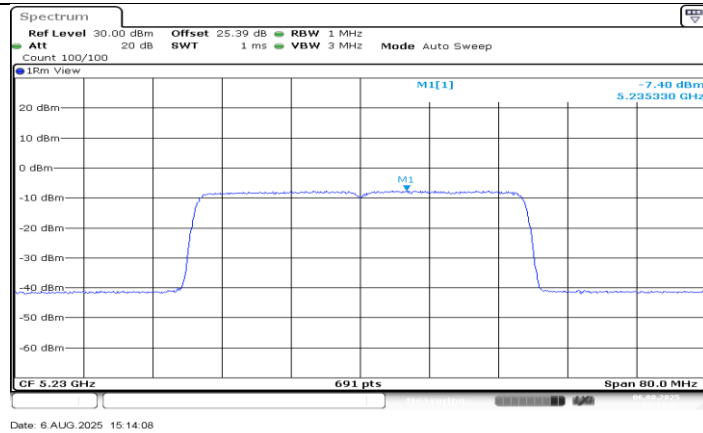
11AX40MIMO_Ant0_5190



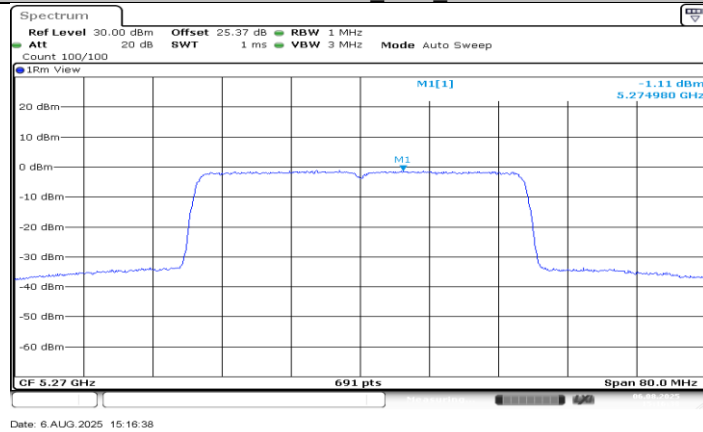
11AX40MIMO_Ant1_5190



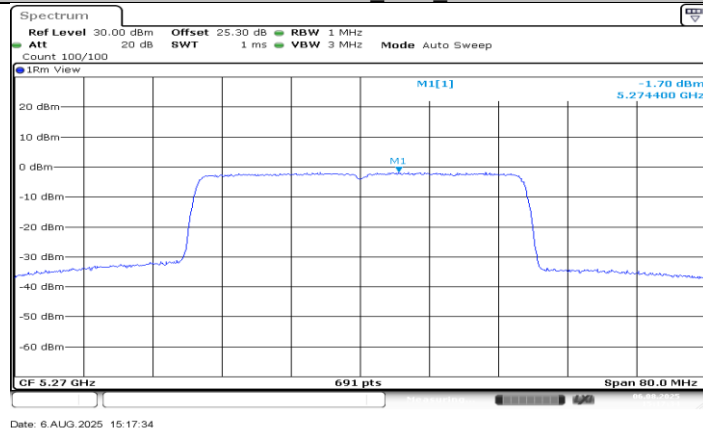
11AX40MIMO_Ant0_5230



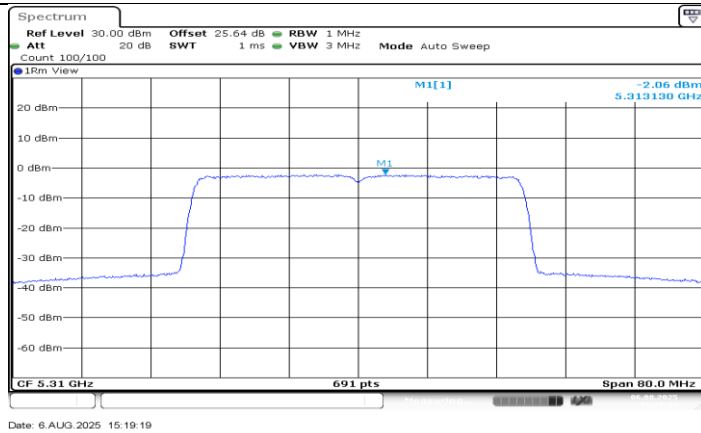
11AX40MIMO_Ant1_5230



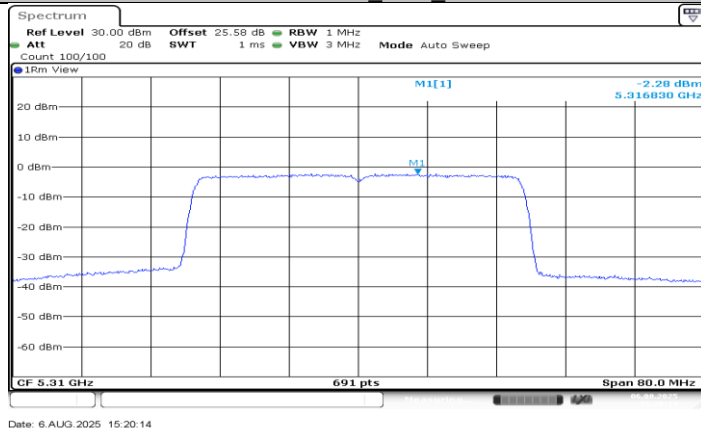
11AX40MIMO_Ant0_5270



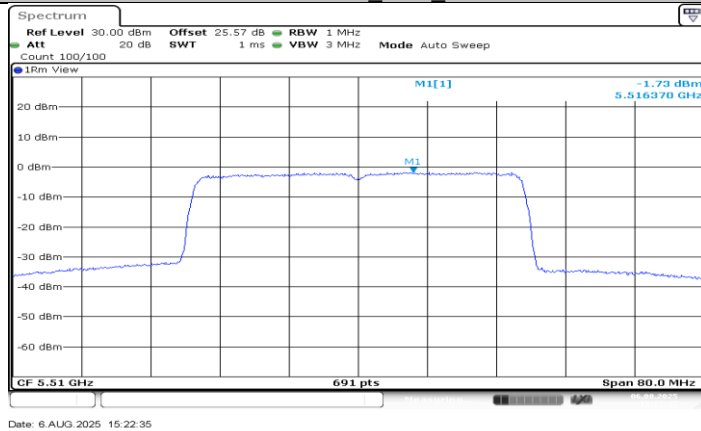
11AX40MIMO_Ant1_5270



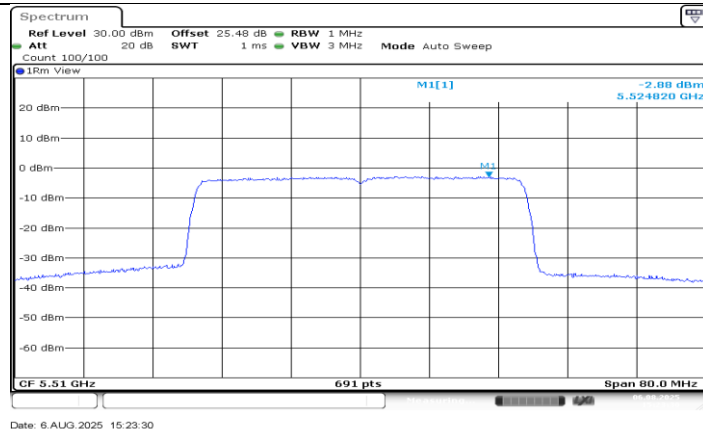
11AX40MIMO_Ant0_5310



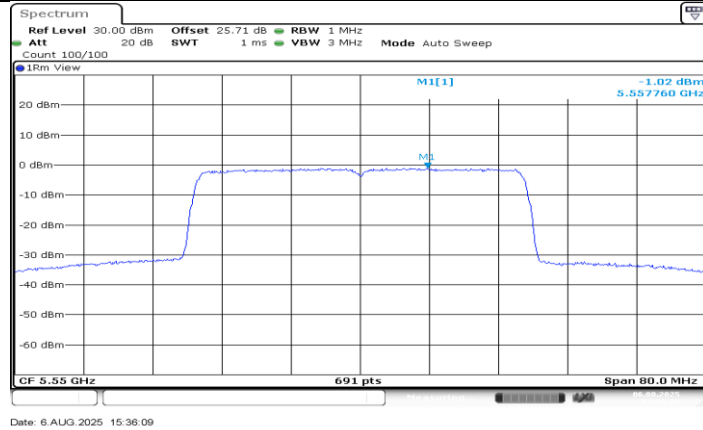
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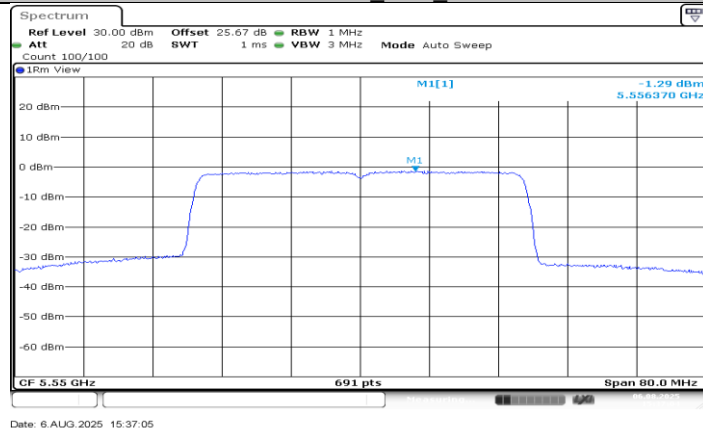
11AX40MIMO_Ant0_5510



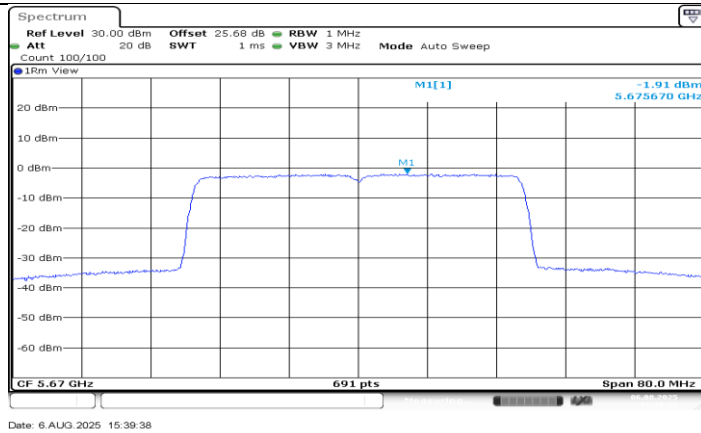
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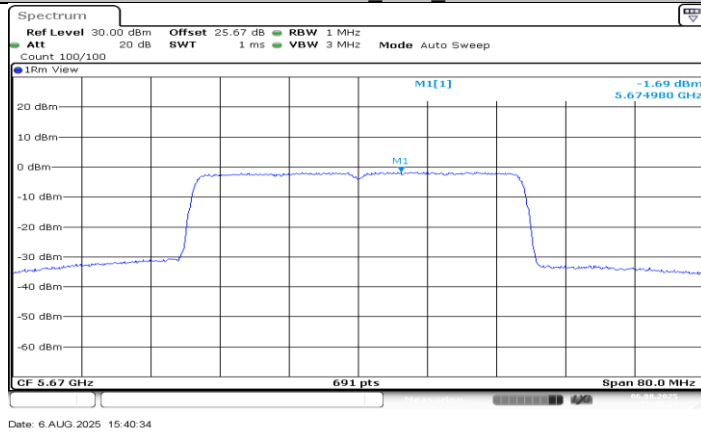
11AX40MIMO_Ant0_5550



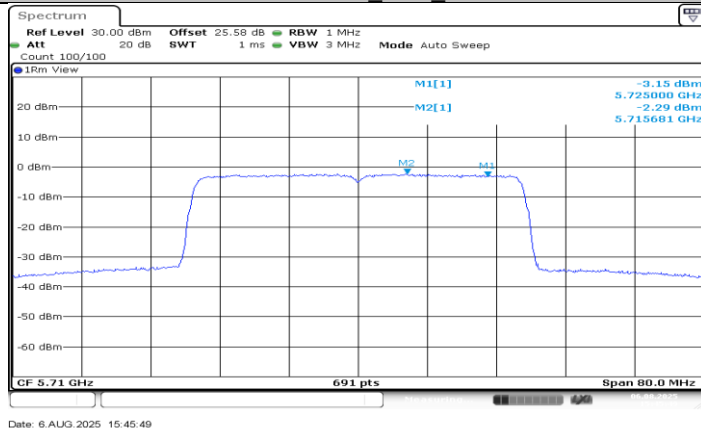
11AX40MIMO_Ant1_5550



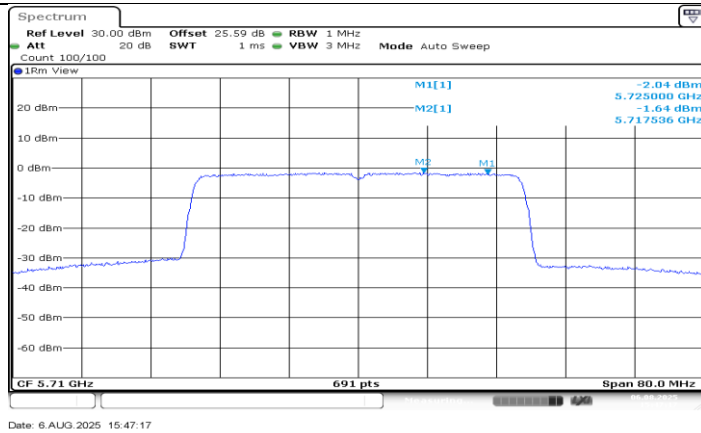
11AX40MIMO_Ant0_5670



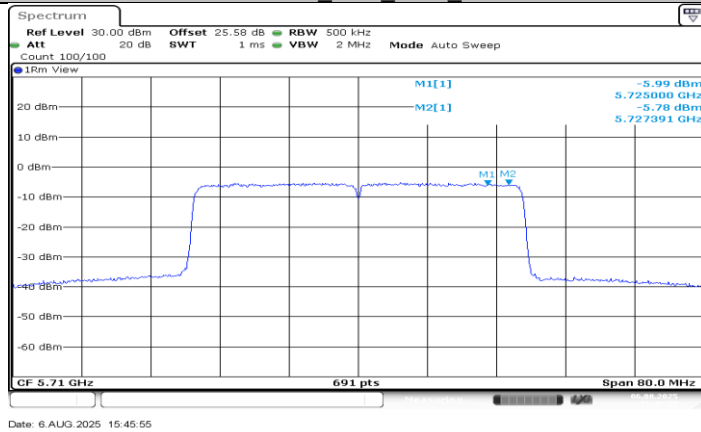
11AX40MIMO_Ant1_5670



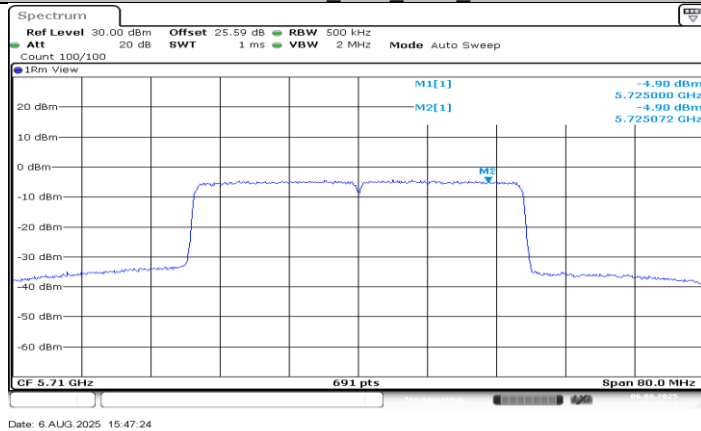
11AX40MIMO_Ant0_5710_UNII-2C



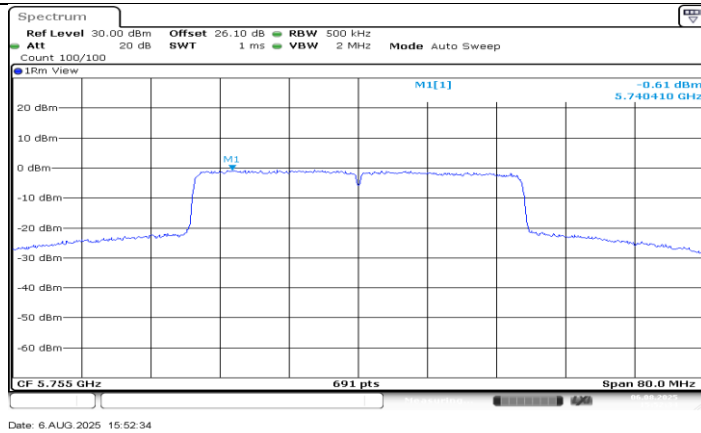
11AX40MIMO_Ant1_5710_UNII-2C



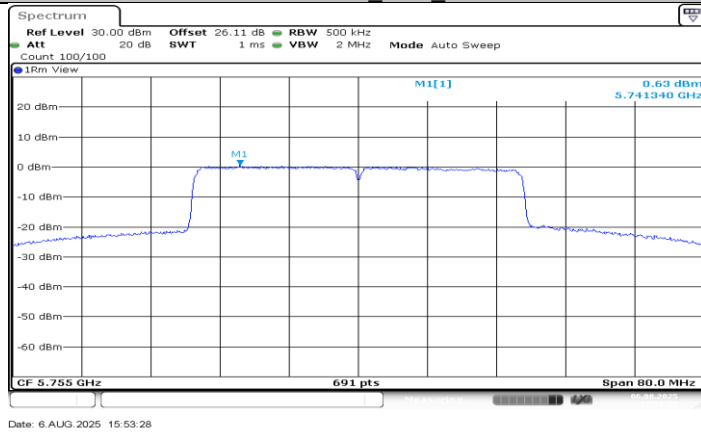
11AX40MIMO_Ant0_5710_UNII-3



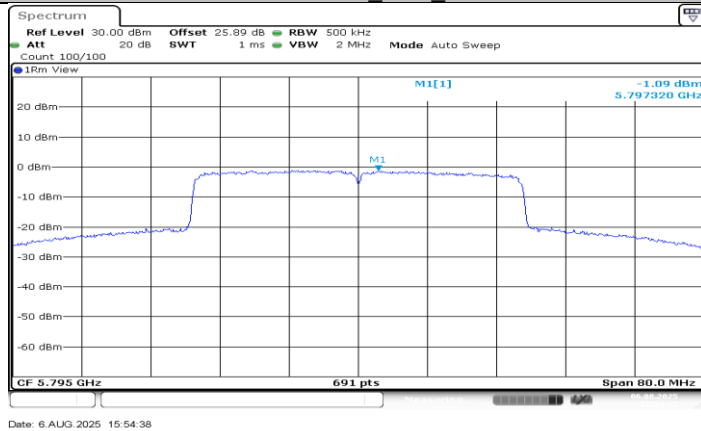
11AX40MIMO_Ant1_5710_UNII-3



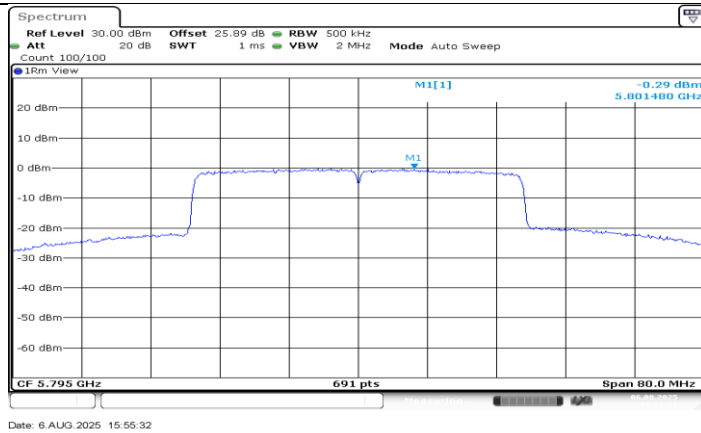
11AX40MIMO_Ant0_5755



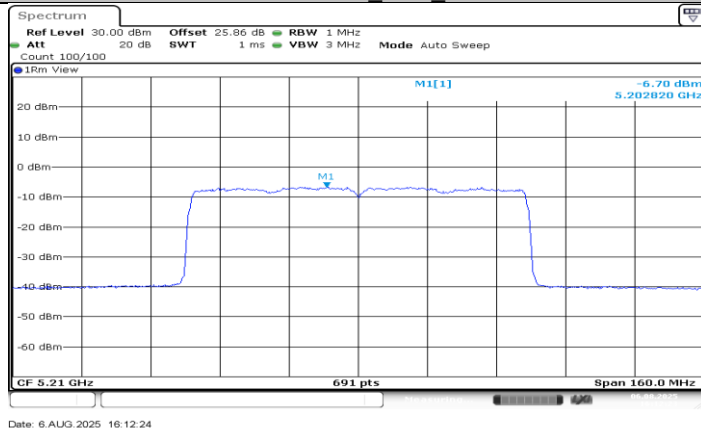
11AX40MIMO_Ant1_5755



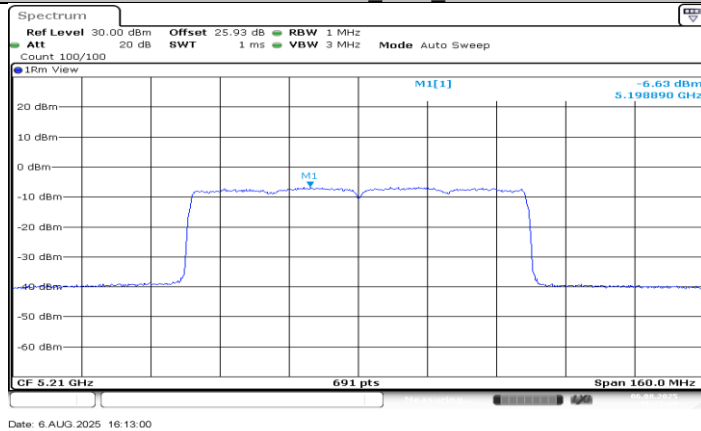
11AX40MIMO_Ant0_5795



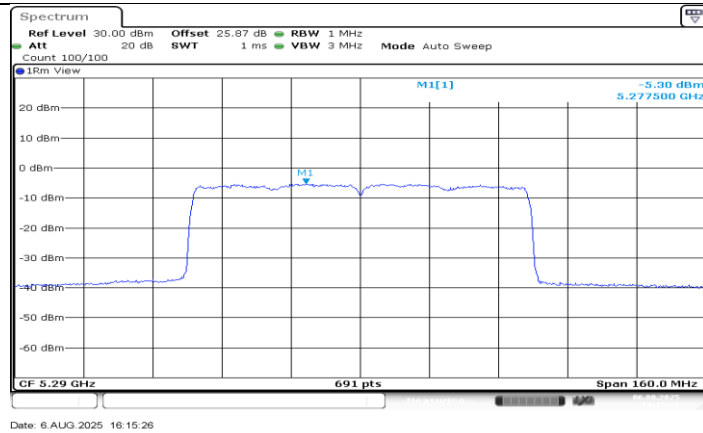
11AX40MIMO_Ant1_5795



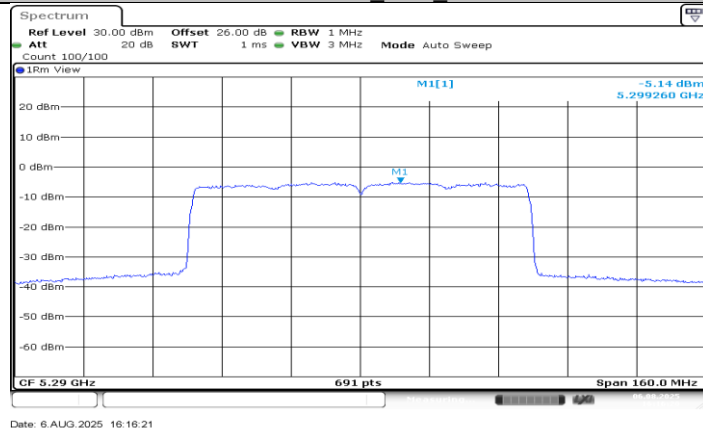
11AX80MIMO_Ant0_5210



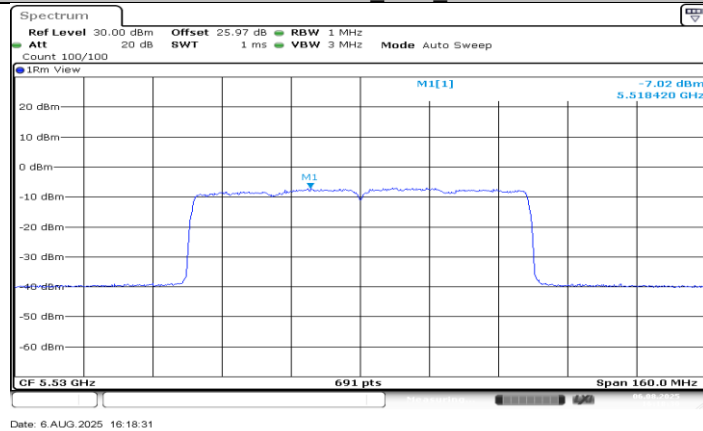
11AX80MIMO_Ant1_5210



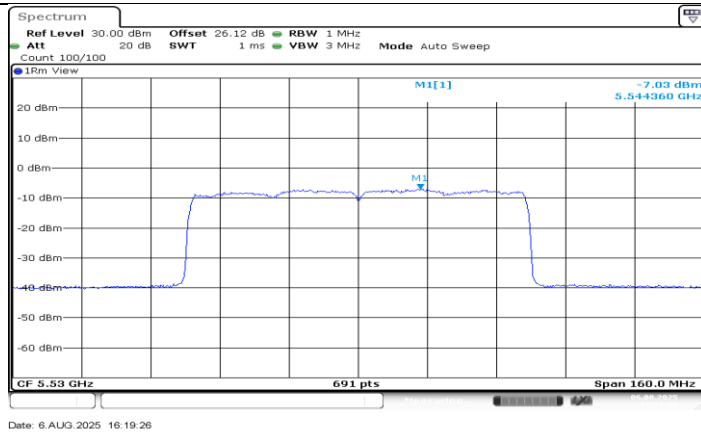
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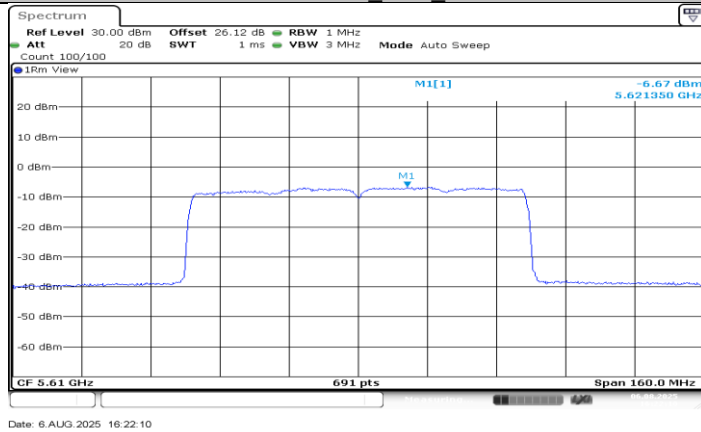
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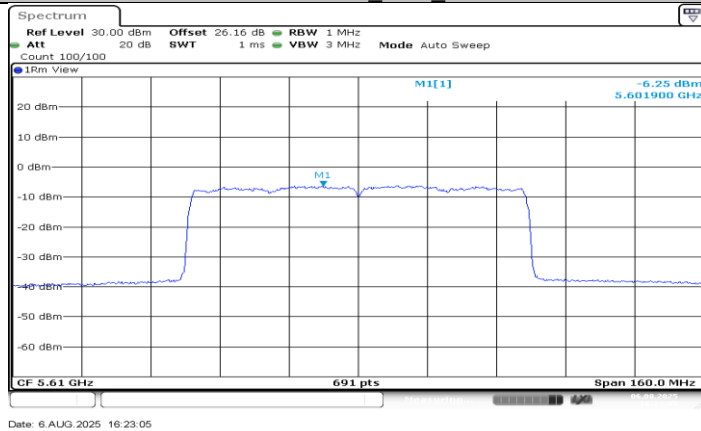
11AX80MIMO_Ant0_5530



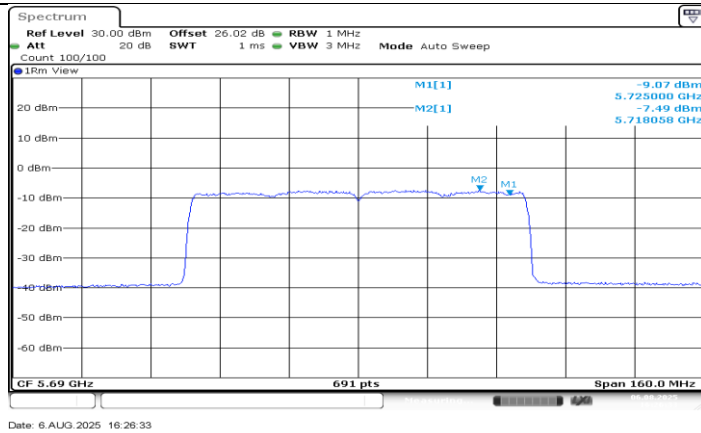
11AX80MIMO_Ant1_5530



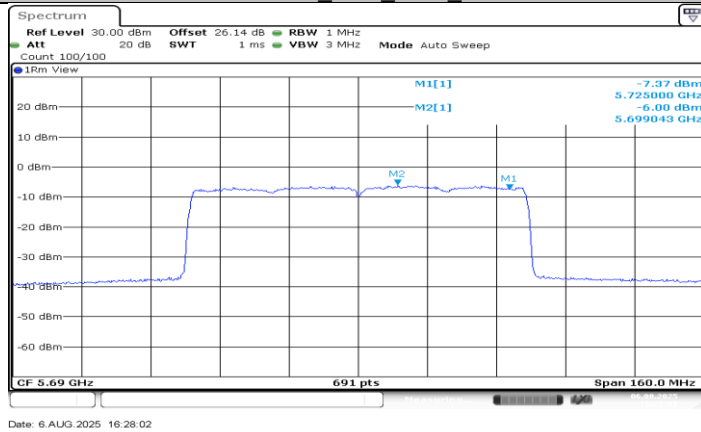
11AX80MIMO_Ant0_5610



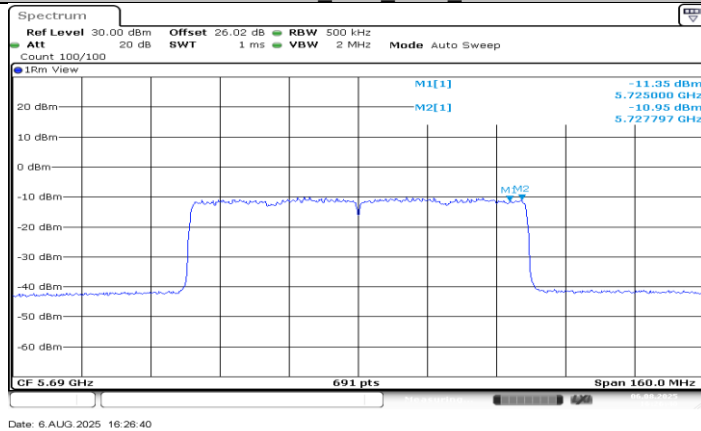
11AX80MIMO_Ant1_5610



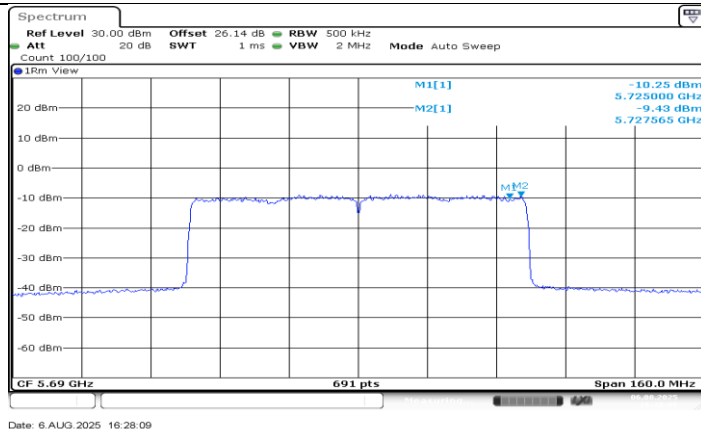
11AX80MIMO_Ant0_5690_UNII-2C



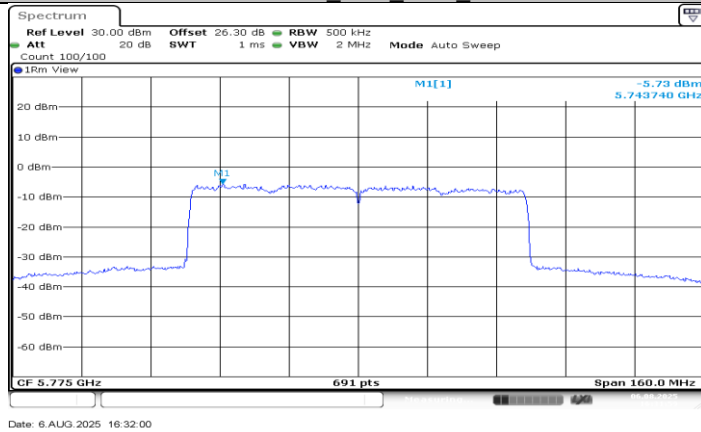
11AX80MIMO_Ant1_5690_UNII-2C



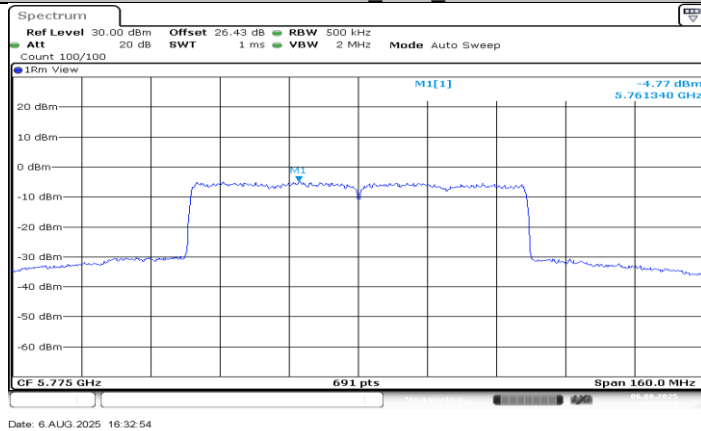
11AX80MIMO_Ant0_5690_UNII-3



11AX80MIMO_Ant1_5690_UNII-3



11AX80MIMO_Ant0_5775



11AX80MIMO_Ant1_5775

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	5200.0104	1.99	5200.0191	3.67	5199.9946	-1.05	5200.0163	3.14
TN	VN	5199.9954	-0.89	5199.9948	-1.01	5200.0042	0.80	5200.0096	1.85
TN	VH	5199.9838	-3.12	5200.0196	3.76	5200.0114	2.19	5199.9845	-2.98
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)
45	VN	5199.9975	-0.49	5199.9899	-1.94	5200.0033	0.63	5200.0112	2.15
40	VN	5199.9865	-2.59	5200.0144	2.77	5200.0009	0.17	5200.0222	4.26
30	VN	5199.9850	-2.88	5199.9913	-1.68	5199.9966	-0.66	5200.0157	3.01
20	VN	5200.0085	1.64	5200.0196	3.77	5200.0034	0.66	5199.9870	-2.51
10	VN	5199.9778	-4.27	5200.0179	3.44	5200.0123	2.37	5200.0157	3.01
0	VN	5200.0082	1.57	5199.9752	-4.77	5200.0049	0.94	5199.9816	-3.54
-10	VN	5200.0004	0.08	5200.0132	2.54	5199.9776	-4.31	5199.9779	-4.26
-20	VN	5200.0147	2.83	5199.9777	-4.28	5200.0079	1.51	5199.9782	-4.19

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	2.06	2.07	0.9952	99.52	0.02	0.49	0.01
11N20MIMO	1.90	1.92	0.9896	98.96	0.05	0.53	0.01
11N40MIMO	1.52	1.54	0.9870	98.70	0.06	0.66	0.01
11AC80MIMO	2.24	2.26	0.9912	99.12	0.04	0.45	0.01
11AX20MIMO	3.80	3.82	0.9948	99.48	0.02	0.26	0.01
11AX40MIMO	1.23	1.26	0.9762	97.62	0.10	0.81	1
11AX80MIMO	0.17	0.19	0.8947	89.47	0.48	5.88	6

Note:

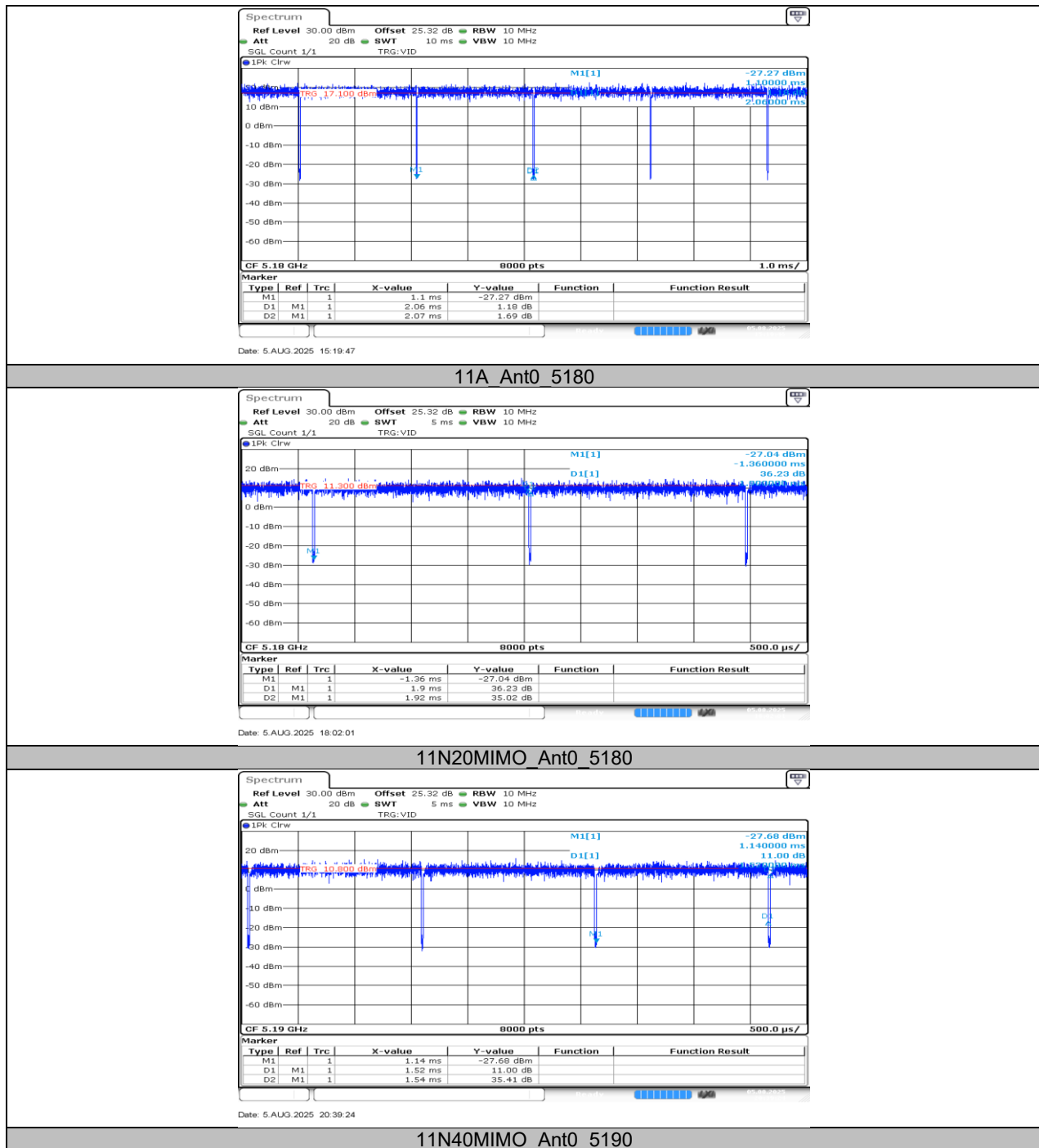
Duty Cycle Correction Factor= $10\log(1/x)$.

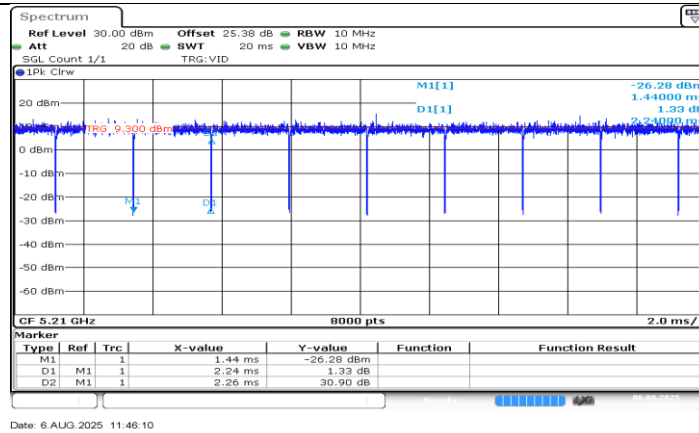
Where: x is Duty Cycle (Linear)

Where: T is On Time

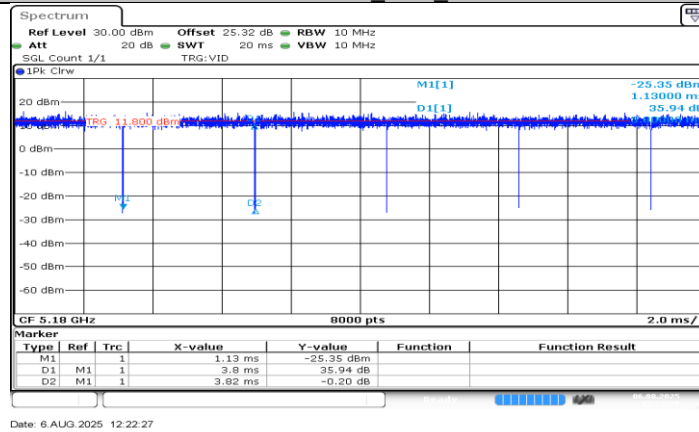
If that calculated VBW is not available on the analyzer then the next higher value should be used.

11.7.2. Test Graphs

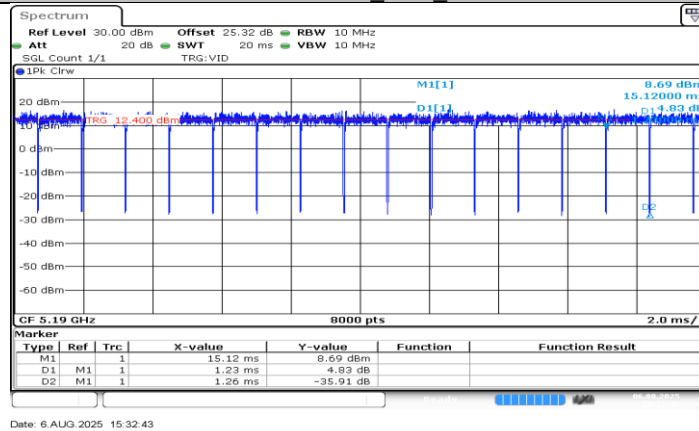




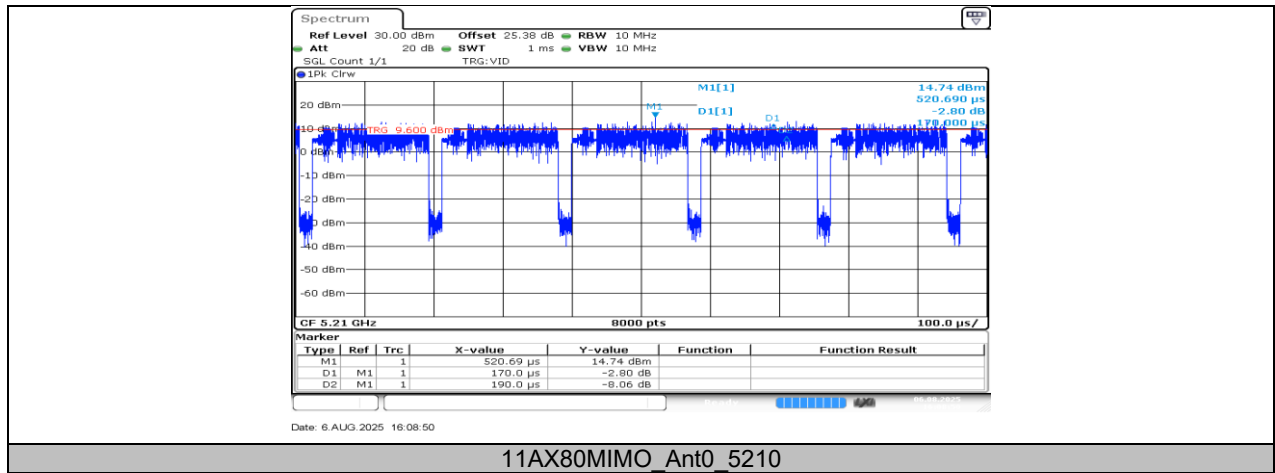
11AC80MIMO_Ant0_5210



11AX20MIMO_Ant0_5180



11AX40MIMO_Ant0_5190

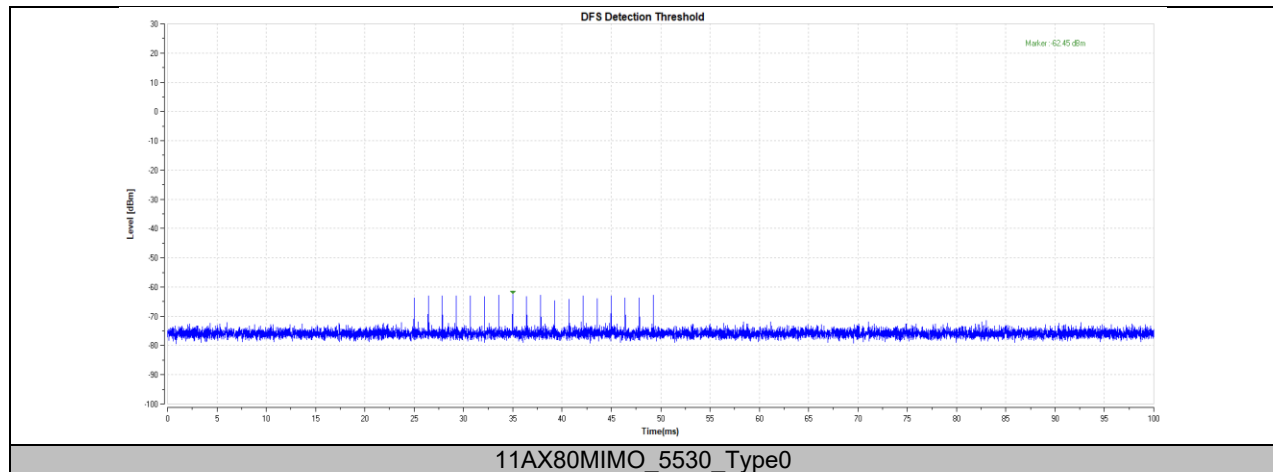


11.8. APPENDIX H: DFS DETECTION THRESHOLDS

11.8.1. Test Result

TestMode	Channel	Radar Type	Result	Limit[dbm]	Verdict
11AX80MIMO	5530	Type0	-62.45	-62.00	PASS

11.8.2. Test Graphs

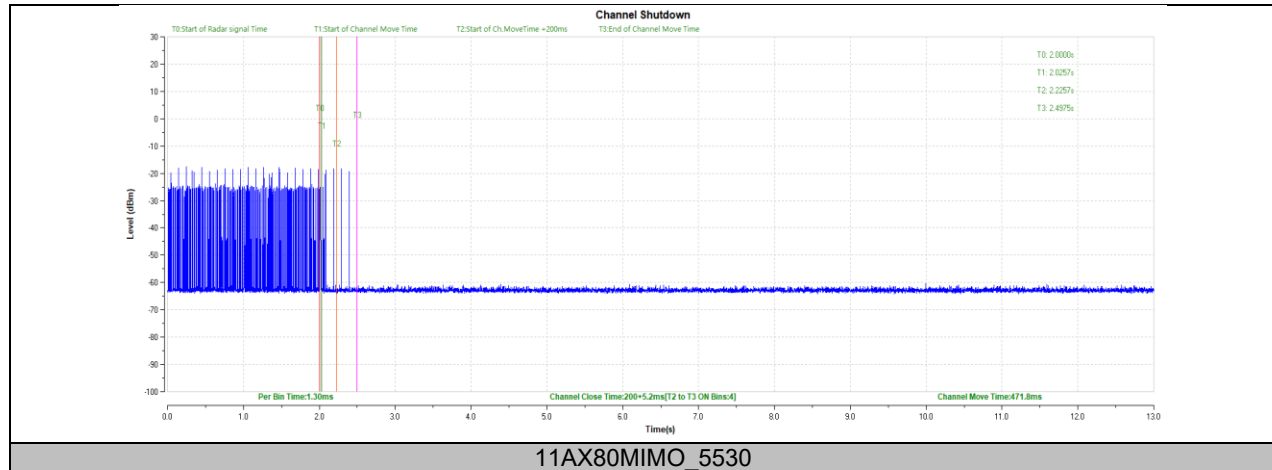


11.9. APPENDIX I: CHANNEL MOVE TIME AND CHANNEL CLOSING TRANSMISSION TIME

11.9.1. Test Result

TestMode	Channel	CCT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11AX80MIMO	5530	200+5.2	200+60	471.8	10000	PASS

11.9.2. Test Graphs

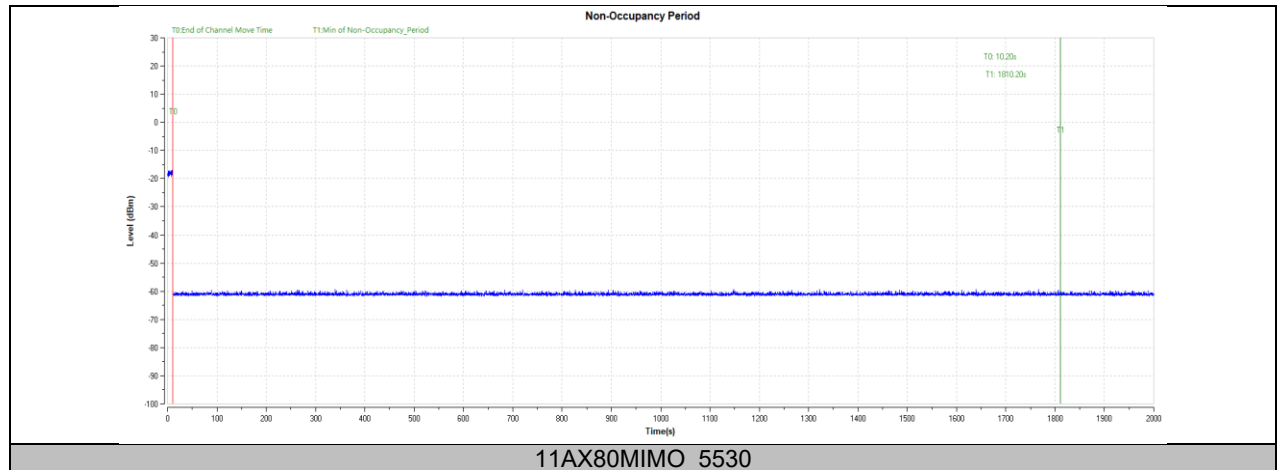


11.10. APPENDIX J: NON-OCCUPANCY PERIOD

11.10.1. Test Result

TestMode	Channel	Result	Limit[s]	Verdict
11AX80MIMO	5530	see test graph	≥ 1800	PASS

11.10.2. Test Graphs



END OF REPORT