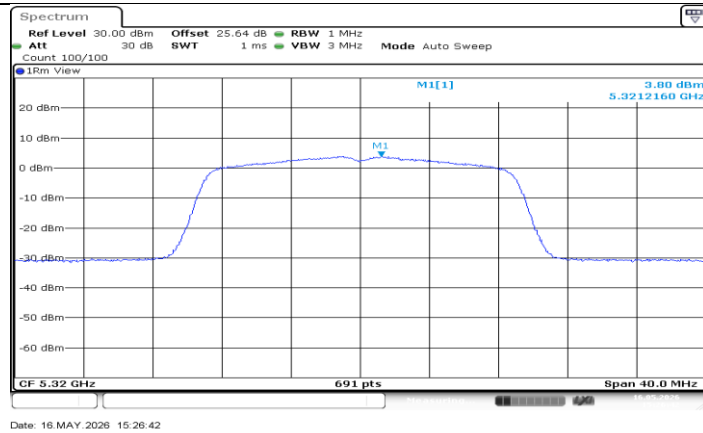
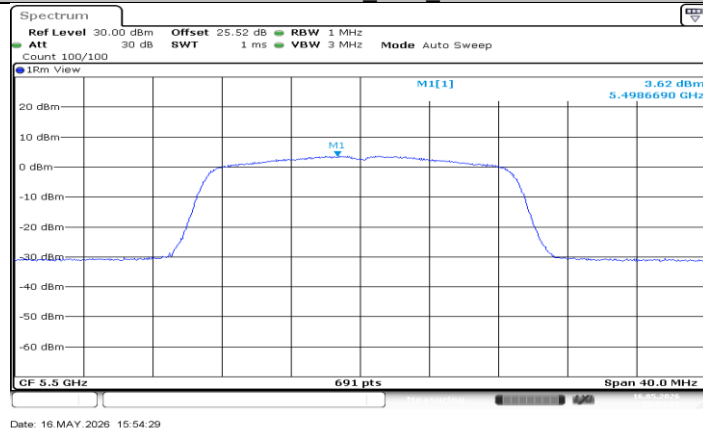




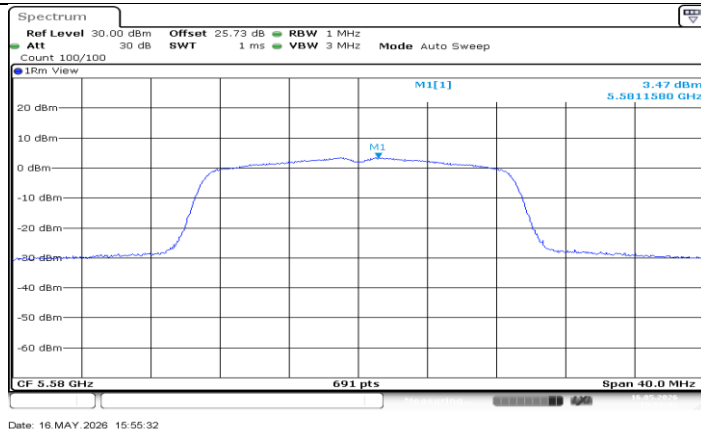
11N20MIMO_Ant1_5320



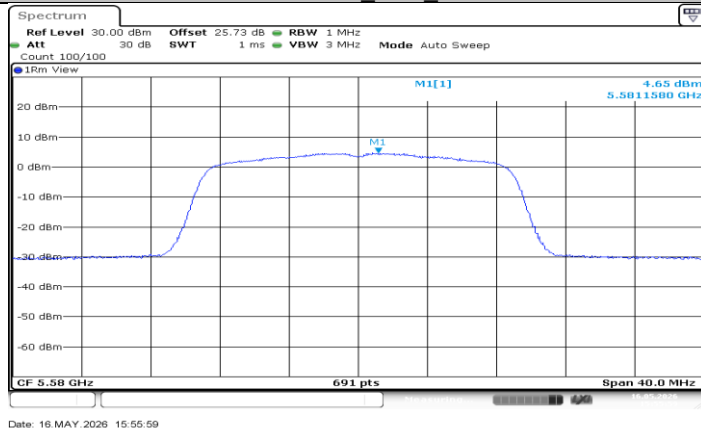
11N20MIMO_Ant0_5500



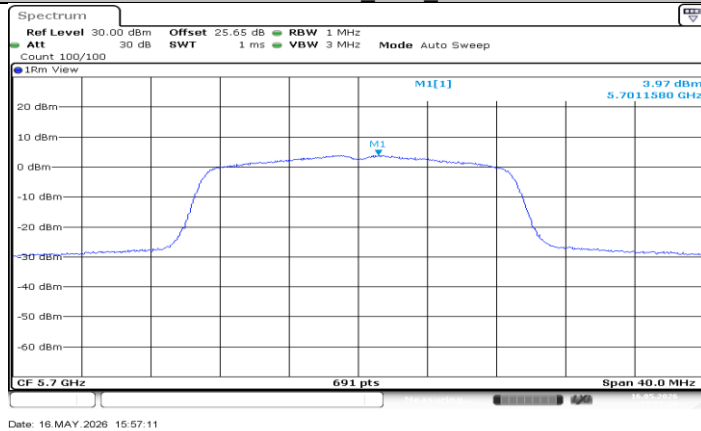
11N20MIMO_Ant1_5500



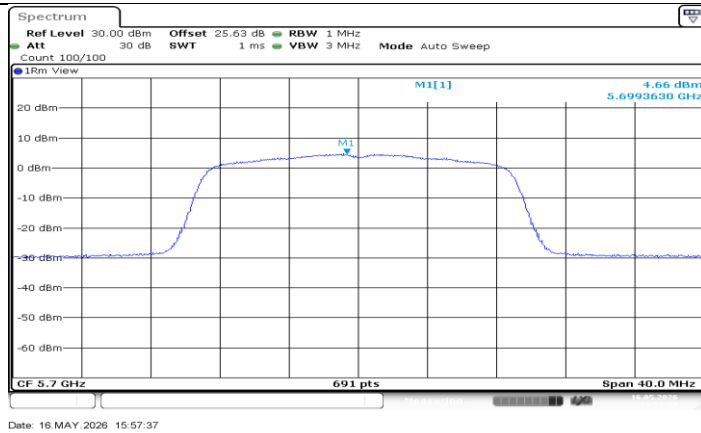
11N20MIMO_Ant0_5580



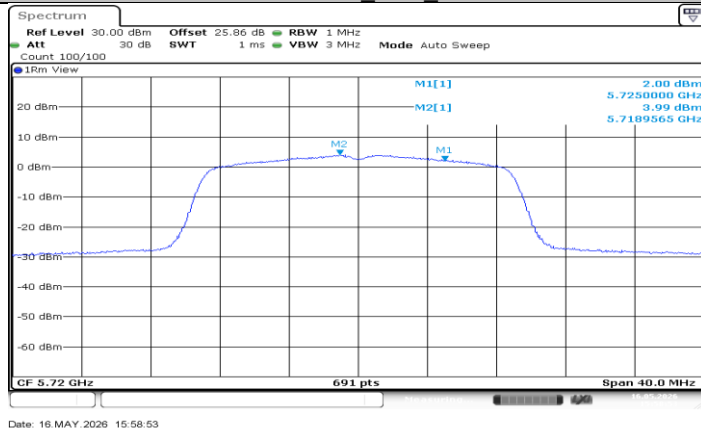
11N20MIMO_Ant1_5580



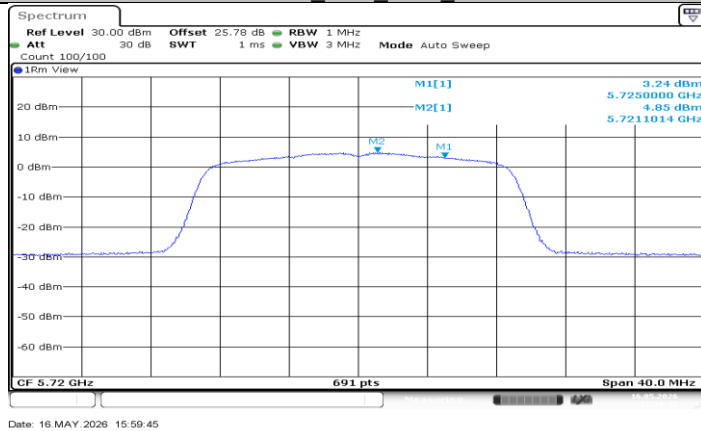
11N20MIMO_Ant0_5700



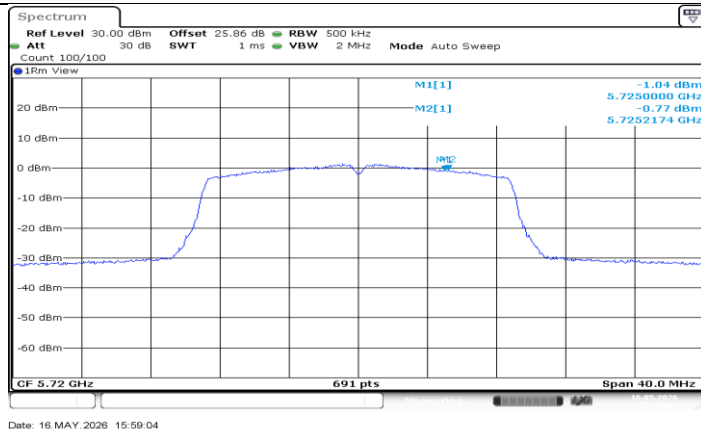
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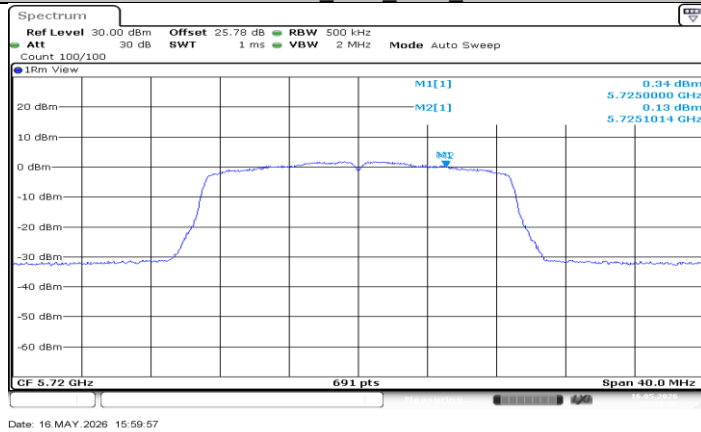
11N20MIMO_Ant0_5720_UNII-2C



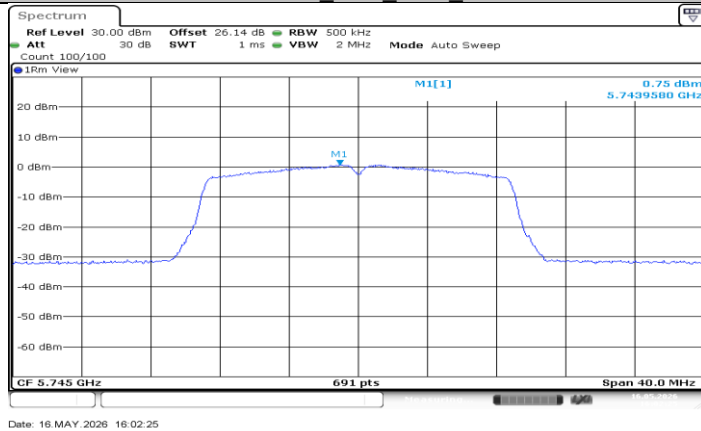
11N20MIMO_Ant1_5720_UNII-2C



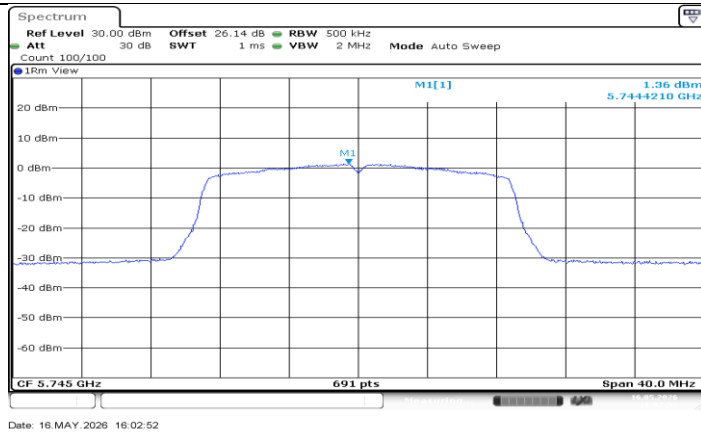
11N20MIMO_Ant0_5720_UNII-3



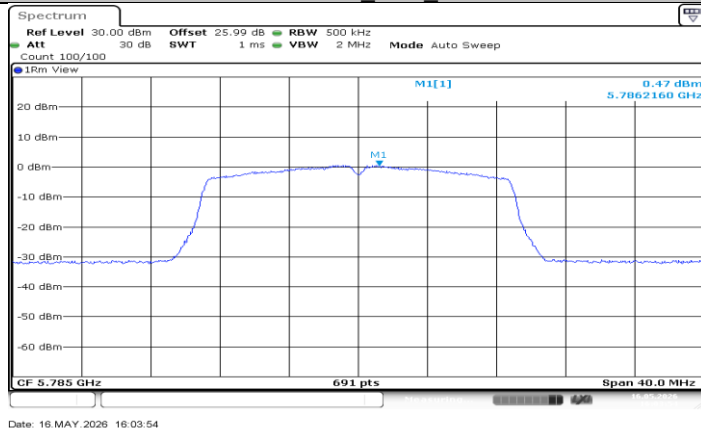
11N20MIMO_Ant1_5720_UNII-3



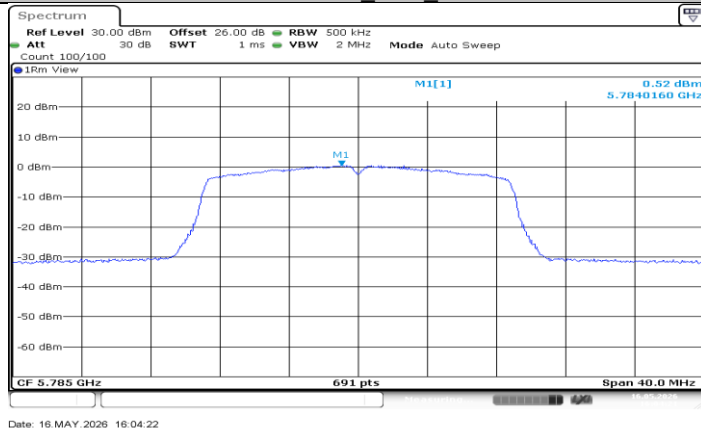
11N20MIMO_Ant0_5745



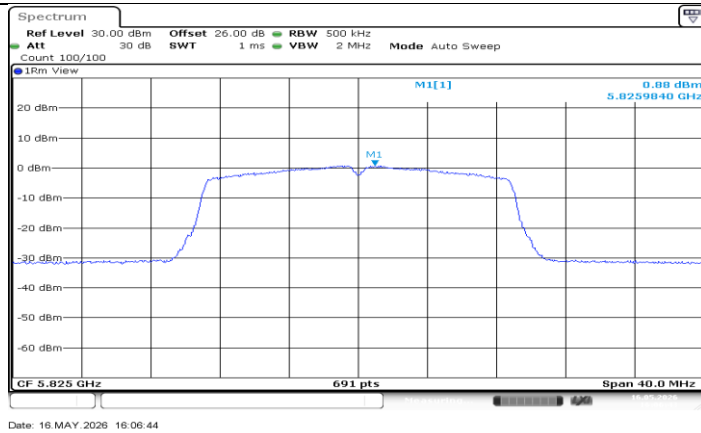
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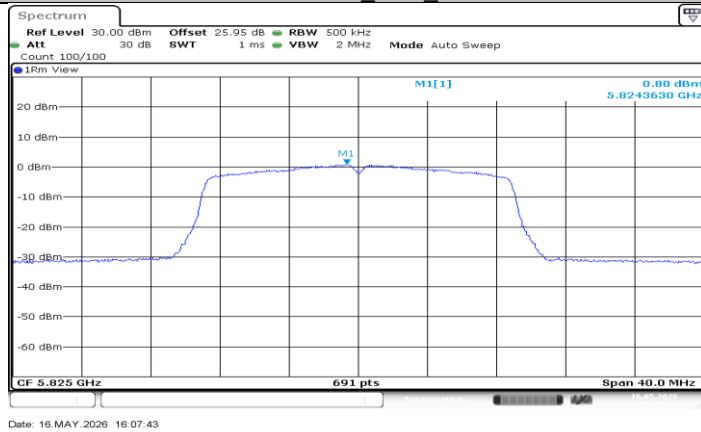
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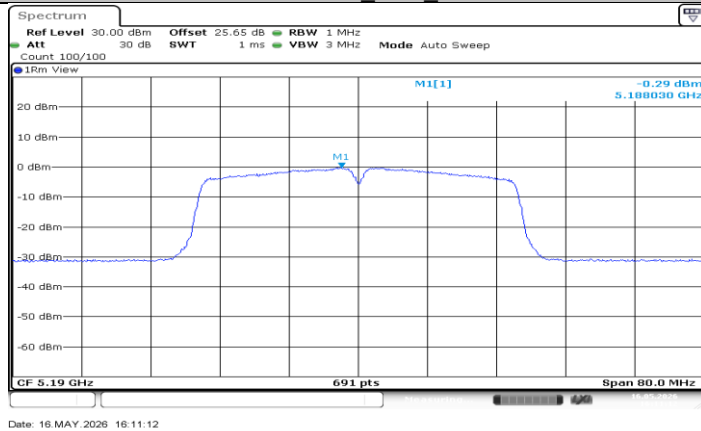
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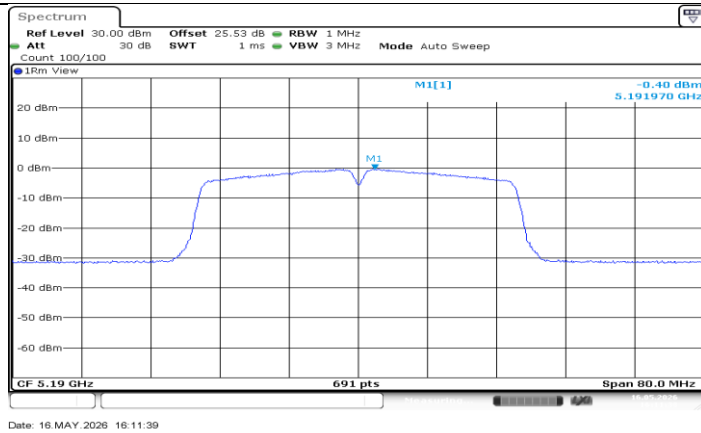
11N20MIMO_Ant0_5825



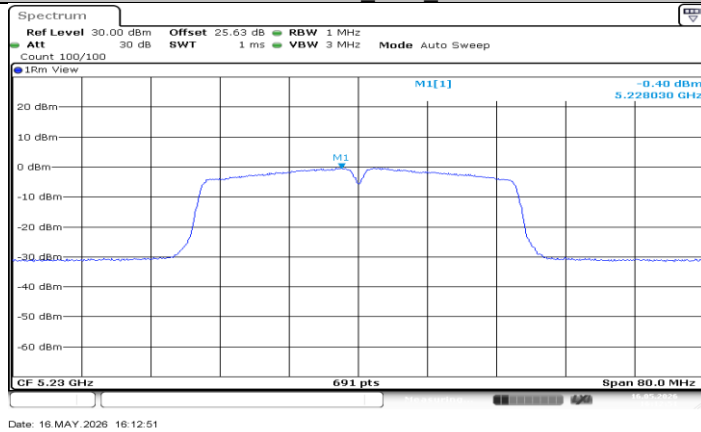
11N20MIMO_Ant1_5825



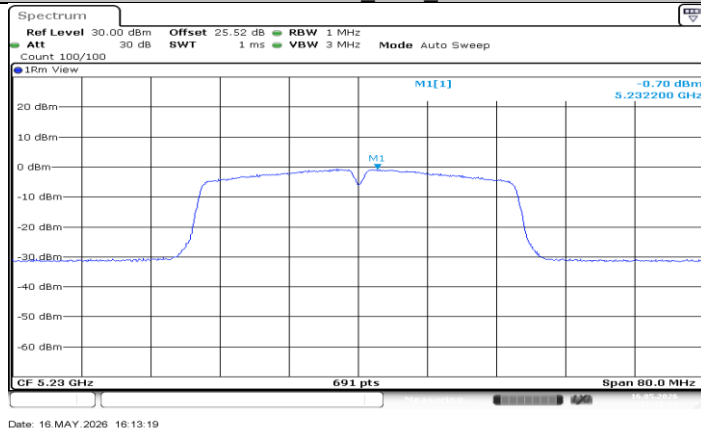
11N40MIMO_Ant0_5190



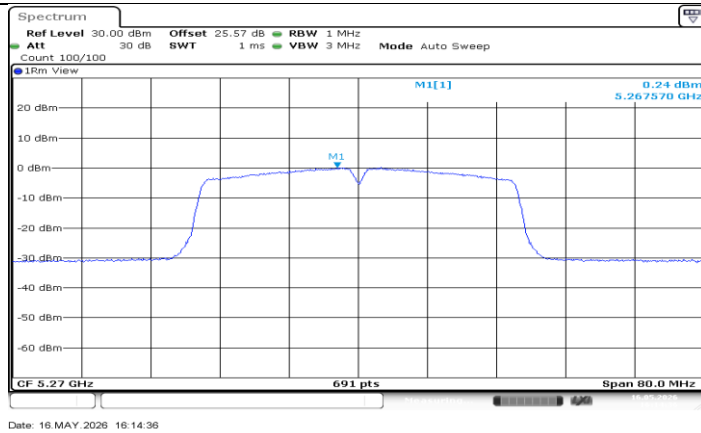
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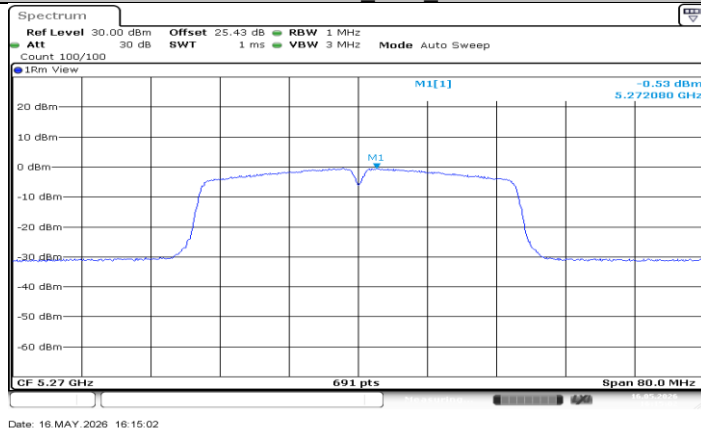
11N40MIMO_Ant0_5230



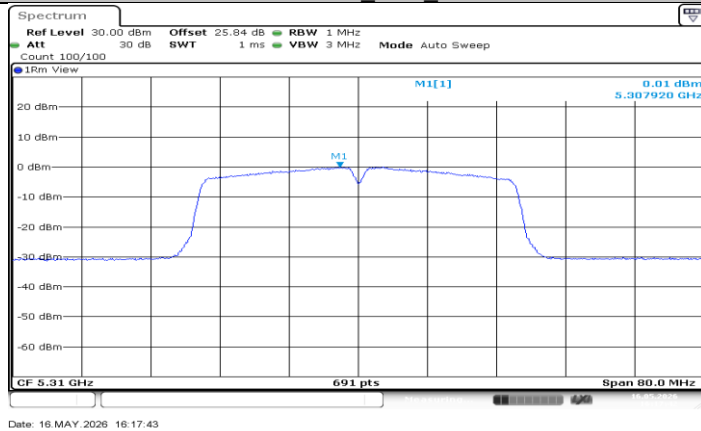
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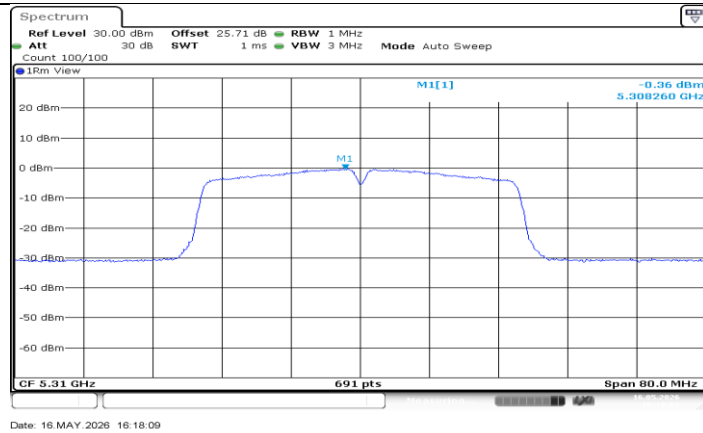
11N40MIMO_Ant0_5270



11N40MIMO_Ant1_5270



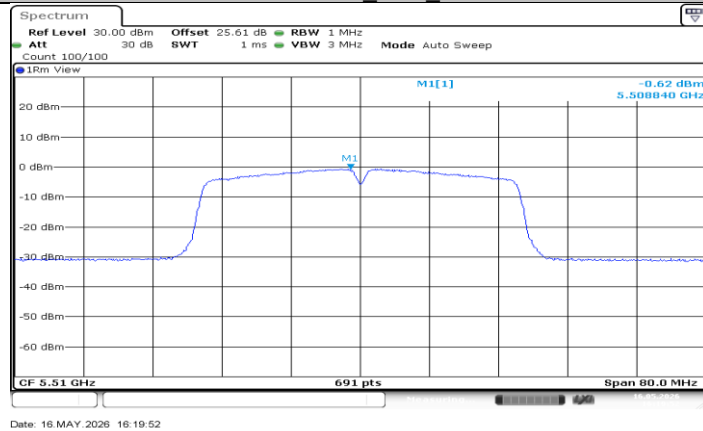
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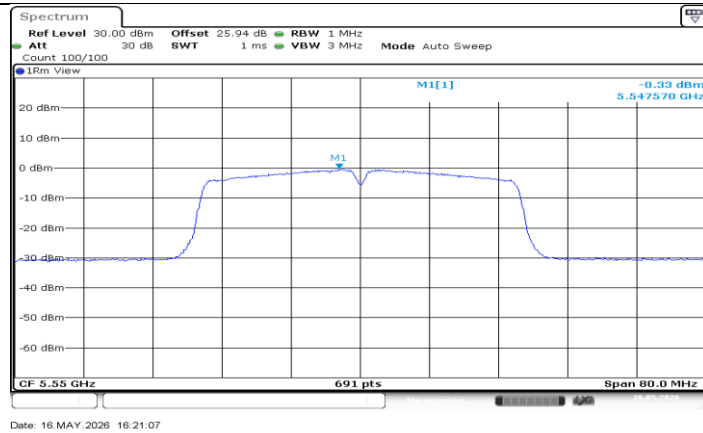
11N40MIMO_Ant1_5310



11N40MIMO_Ant0_5510



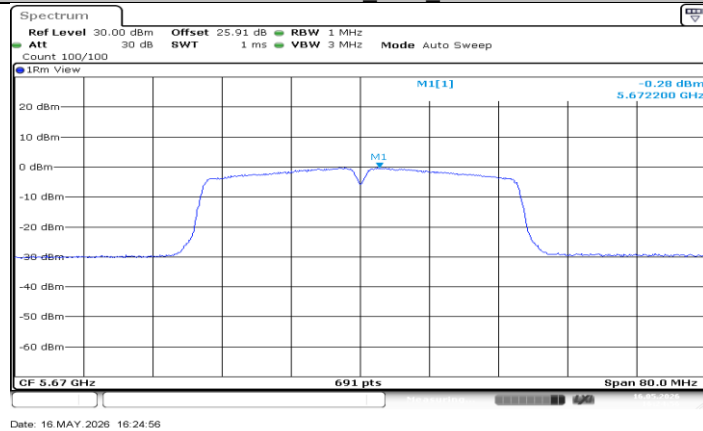
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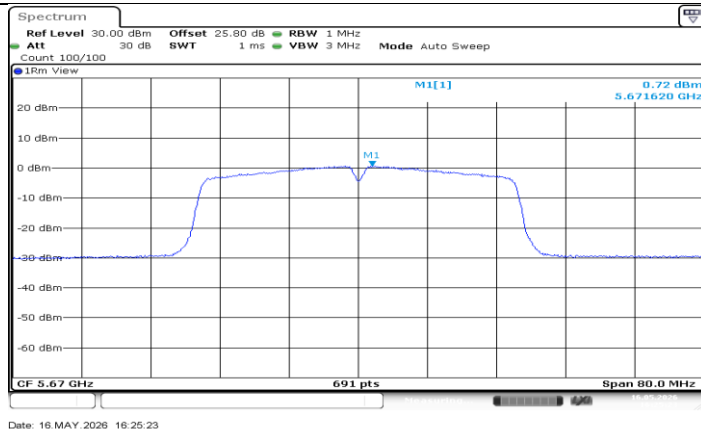
11N40MIMO_Ant0_5550



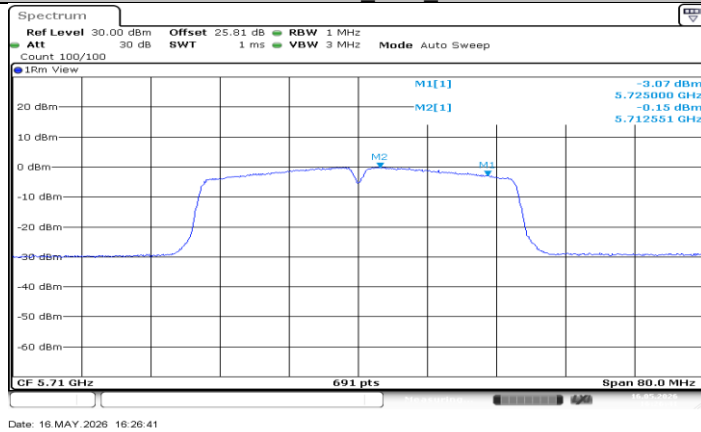
11N40MIMO_Ant1_5550



11N40MIMO_Ant0_5670



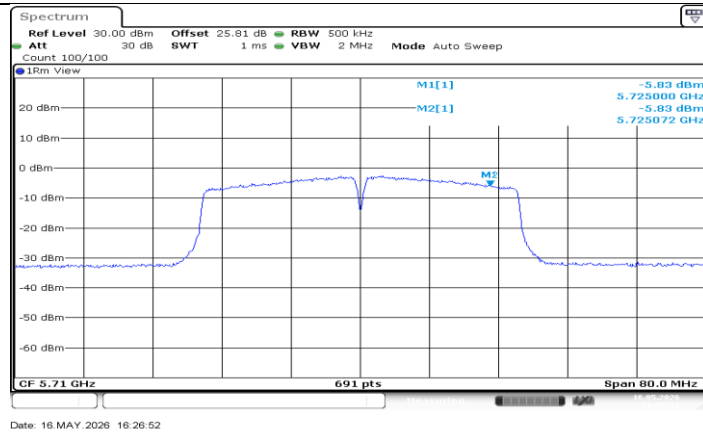
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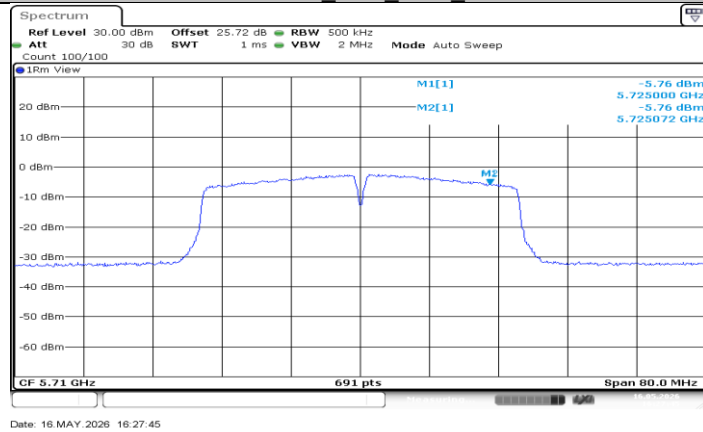
11N40MIMO_Ant0_5710_UNII-2C



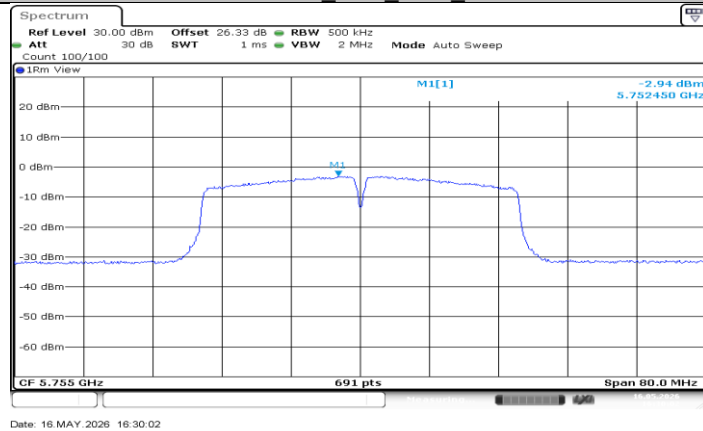
11N40MIMO_Ant1_5710_UNII-2C



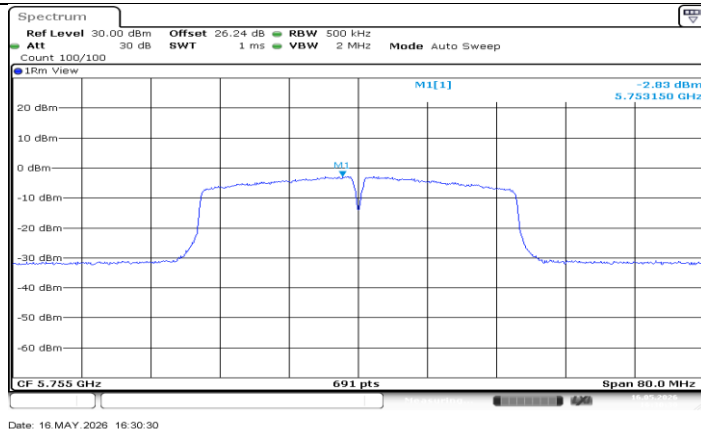
11N40MIMO_Ant0_5710_UNII-3



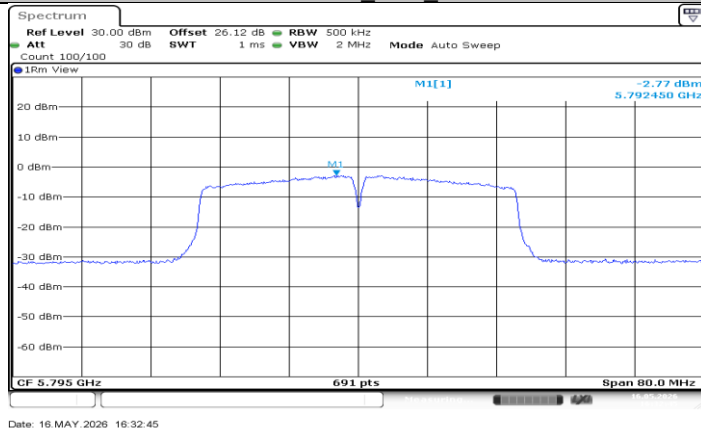
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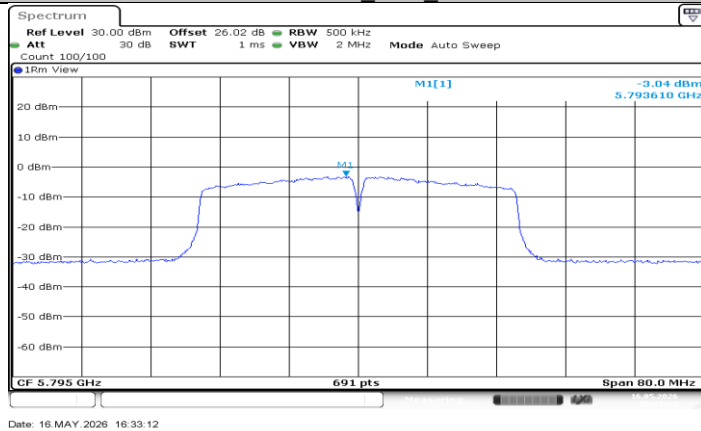
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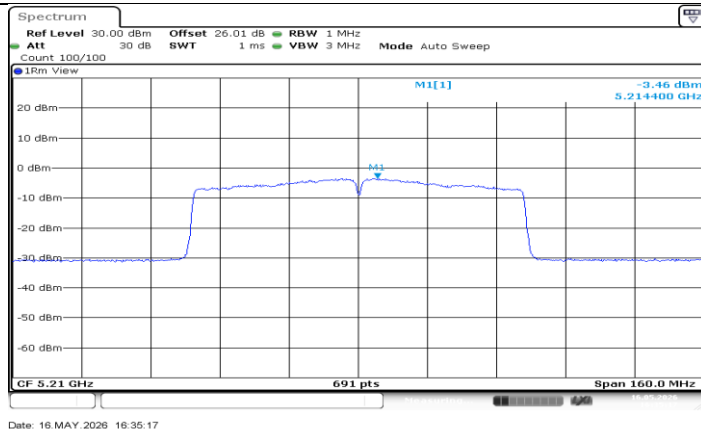
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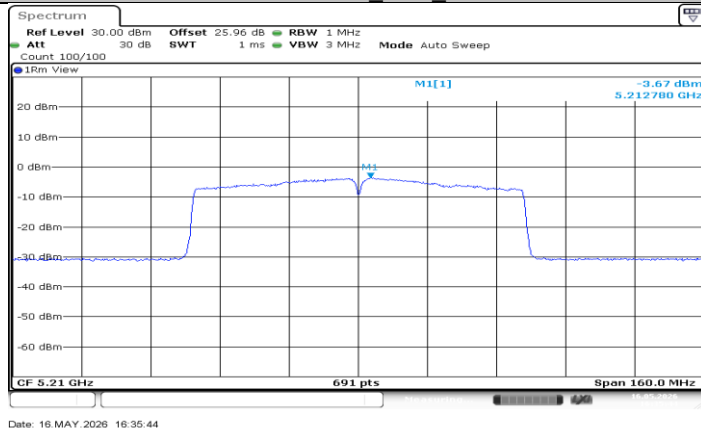
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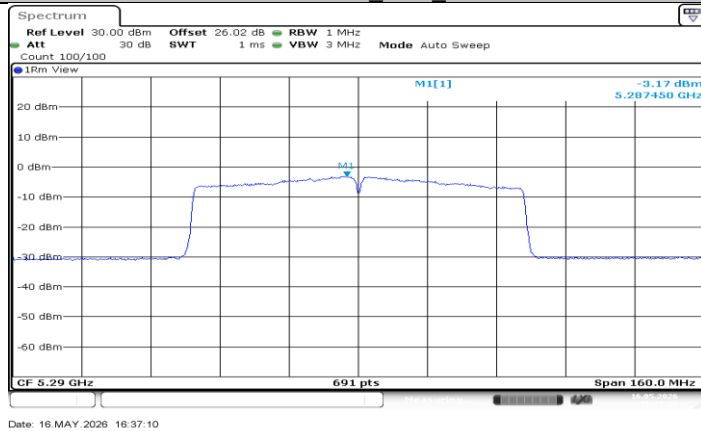
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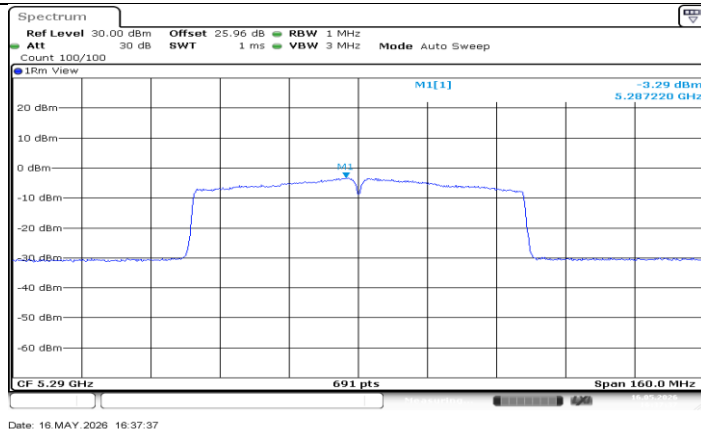
11AC80MIMO_Ant0_5210



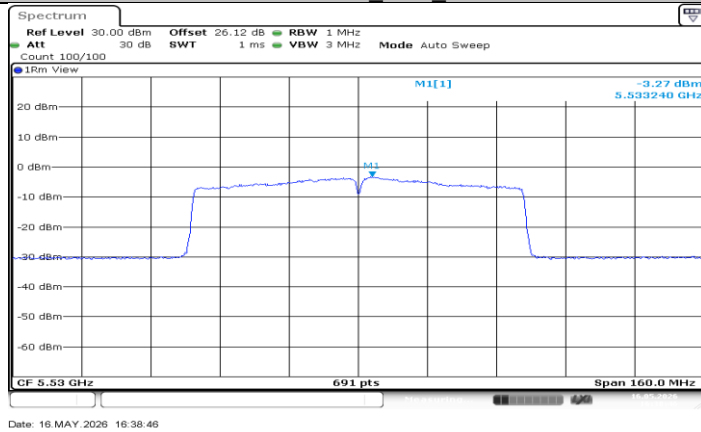
11AC80MIMO_Ant1_5210



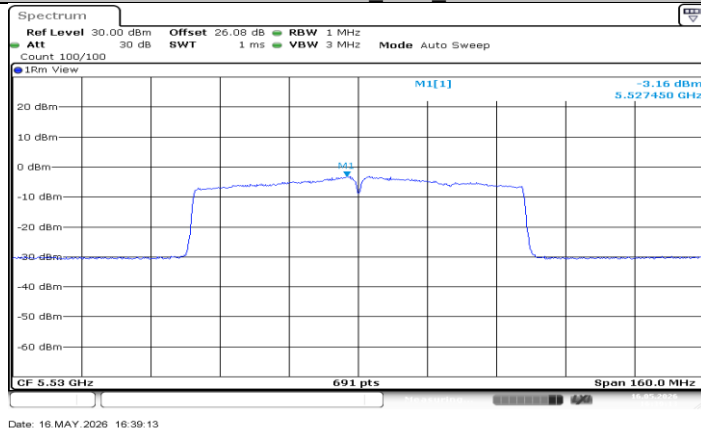
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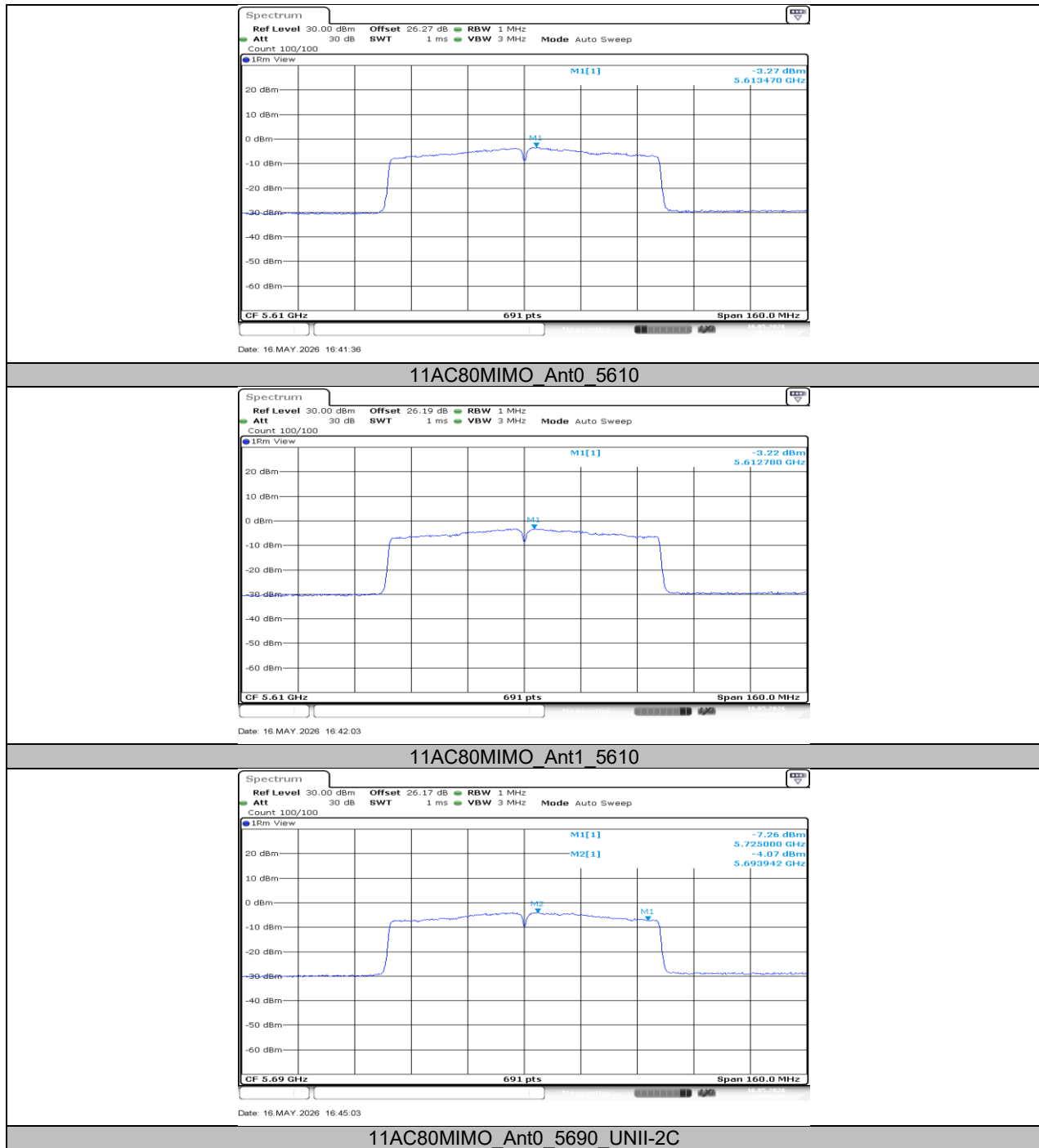
11AC80MIMO_Ant1_5290

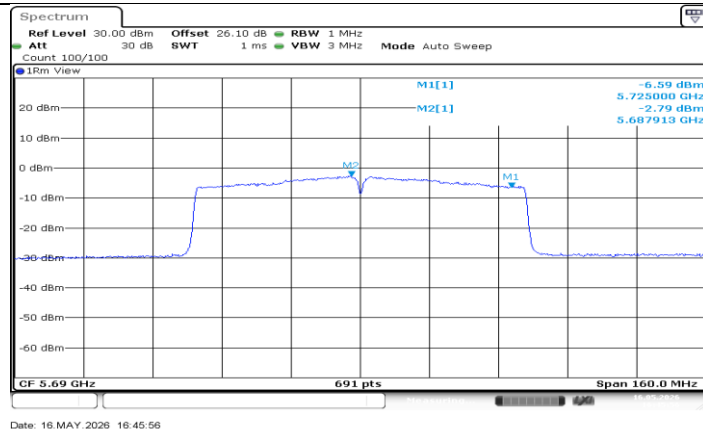


11AC80MIMO_Ant0_5530

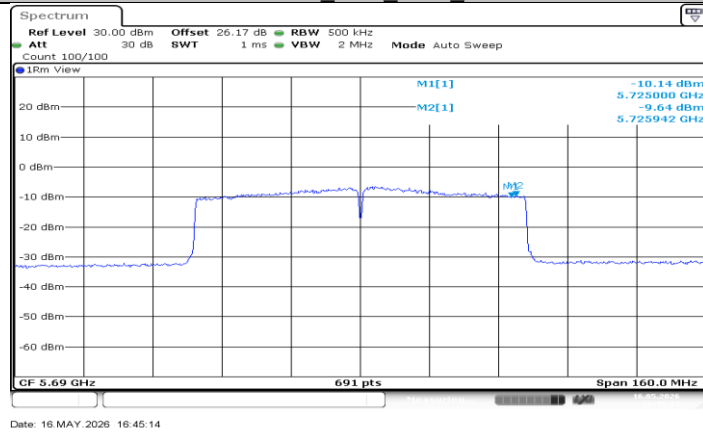


11AC80MIMO_Ant1_5530

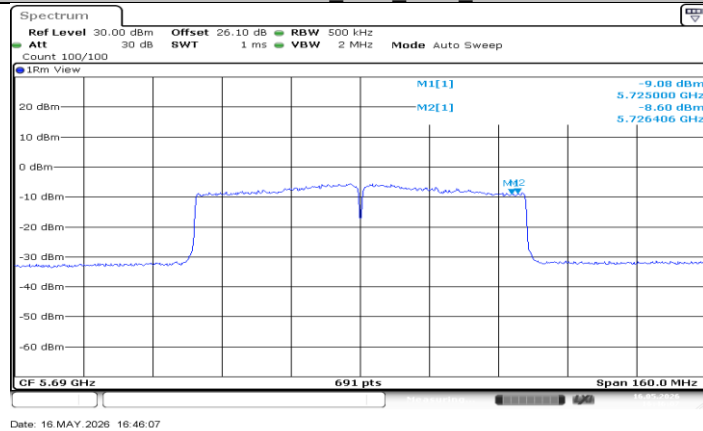




11AC80MIMO_Ant1_5690_UNII-2C



11AC80MIMO_Ant0_5690_UNII-3



11AC80MIMO_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	5199.9958	-0.80	5200.0218	4.20	5200.0048	0.92	5200.0121	2.33
TN	VN	5199.9854	-2.80	5200.0140	2.70	5199.9807	-3.71	5199.9756	-4.70
TN	VH	5199.9938	-1.19	5200.0130	2.49	5199.9984	-0.30	5199.9913	-1.67
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	5199.9773	-4.36	5199.9879	-2.33	5199.9926	-1.42	5200.0002	0.03
30	VN	5200.0178	3.43	5200.0205	3.94	5199.9862	-2.65	5200.0239	4.59
20	VN	5199.9918	-1.57	5200.0016	0.31	5200.0077	1.49	5199.9897	-1.99
10	VN	5199.9843	-3.01	5199.9763	-4.57	5199.9768	-4.46	5200.0128	2.46
0	VN	5200.0209	4.02	5200.0207	3.98	5199.9991	-0.18	5200.0146	2.81

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-CDD	1.39	1.43	0.9720	97.20	0.12	0.72	1
11N20MIMO	1.29	1.34	0.9627	96.27	0.17	0.78	1
11N40MIMO	0.64	0.69	0.9275	92.75	0.33	1.56	2
11AC80MIMO	0.32	0.37	0.8649	86.49	0.63	3.13	4

Note:

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

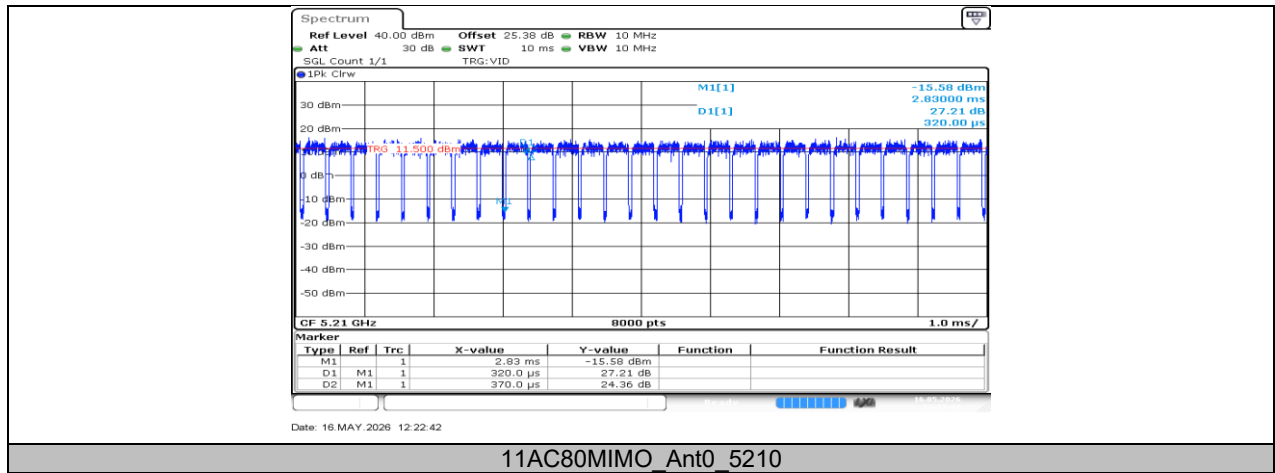
Where: x is Duty Cycle (Linear)

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

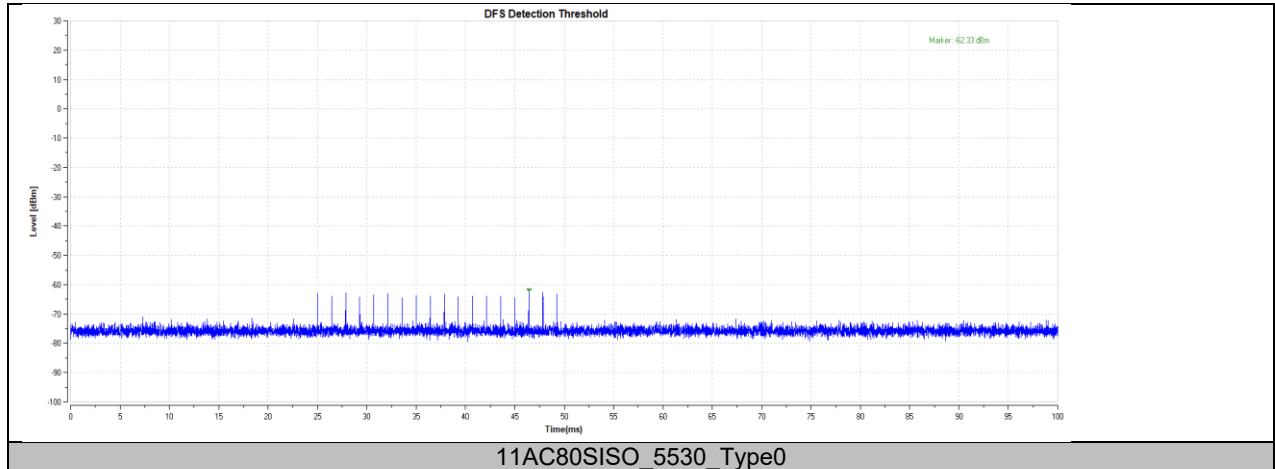




11.8. APPENDIX H: DFS DETECTION THRESHOLDS

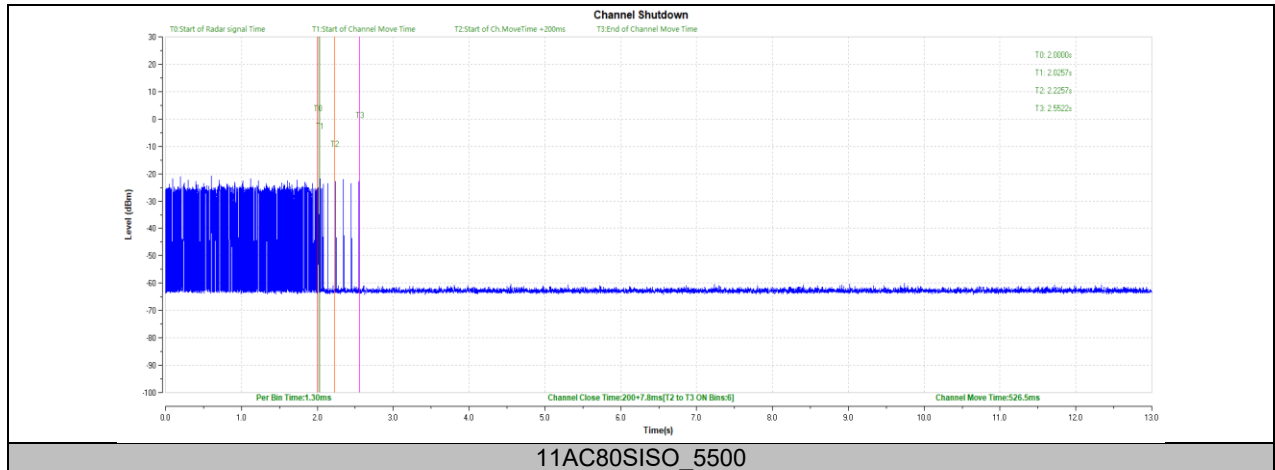
11.8.1. Calibration

TestMode	Channel	Radar Type	Result	Limit[dbm]	Verdict
11AC80SISO	5530	Type0	-62.33	-62.00	PASS



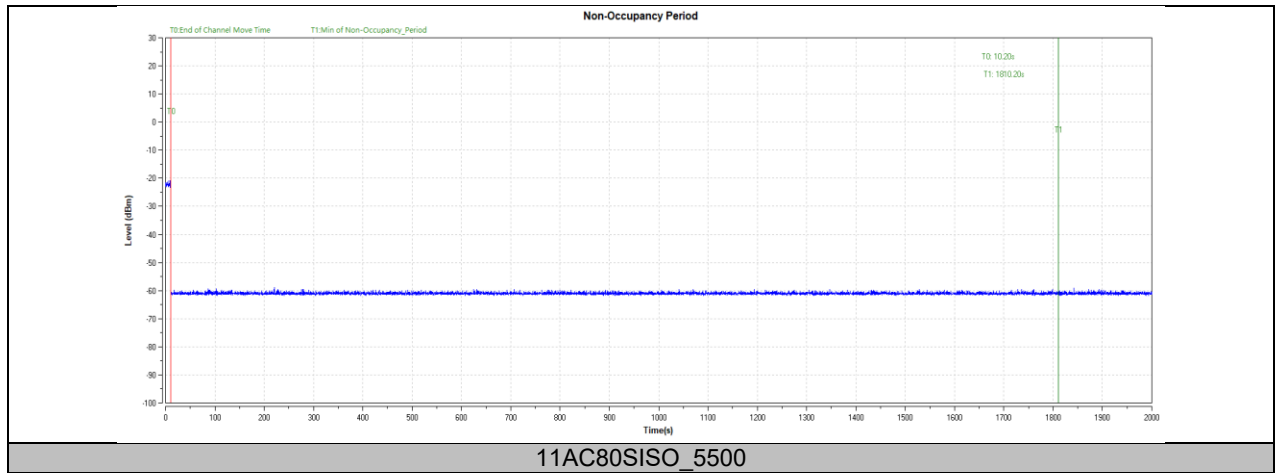
11.8.2. Shutdown Time

TestMode	Channel	CCT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11AC80SISO	5500	200+7.8	200+60	526.5	10000	PASS



11.8.3. Non-Occupancy

TestMode	Channel	Result	Limit[s]	Verdict
11AC80SISO	5500	see test graph	≥1800	PASS



END OF REPORT