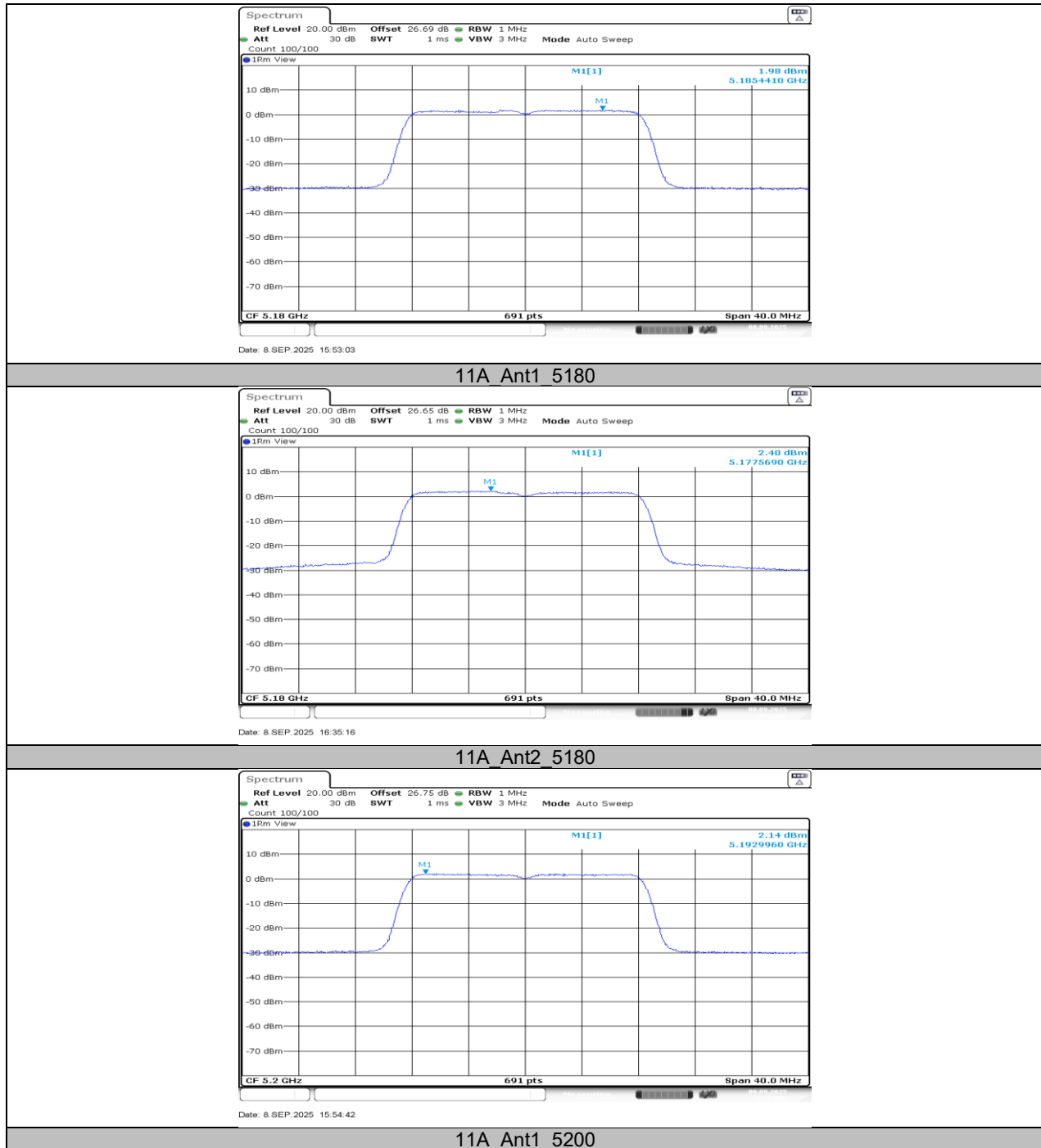


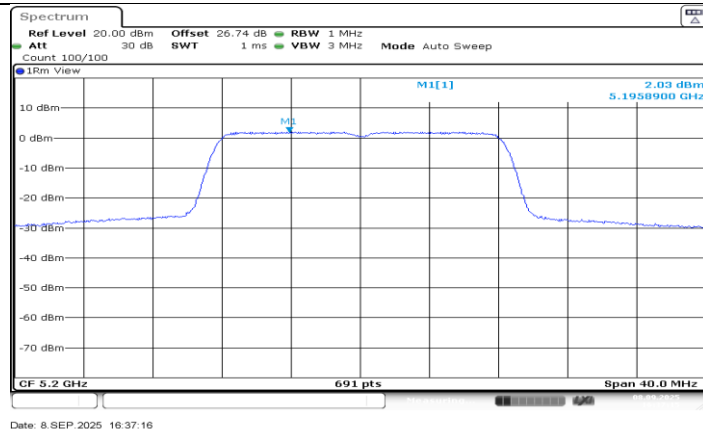
	Ant1	5720 UNII-2C	2.30	≤11.00	4.64	---	PASS
	Ant2	5720 UNII-2C	1.01	≤11.00	2.47	---	PASS
	total	5720 UNII-2C	4.71	≤11.00	10.06	---	PASS
	Ant1	5720 UNII-3	-0.67	≤30.00	1.67	---	PASS
	Ant2	5720 UNII-3	-1.86	≤30.00	-0.40	---	PASS
	total	5720 UNII-3	1.79	≤30.00	7.14	---	PASS
	Ant1	5745	-0.23	≤30.00	2.11	---	PASS
	Ant2	5745	-1.43	≤30.00	0.03	---	PASS
	total	5745	2.22	≤30.00	7.57	---	PASS
	Ant1	5785	-0.81	≤30.00	1.53	---	PASS
	Ant2	5785	-1.92	≤30.00	-0.46	---	PASS
	total	5785	1.68	≤30.00	7.03	---	PASS
	Ant1	5825	-1.26	≤30.00	1.08	---	PASS
	Ant2	5825	-1.98	≤30.00	-0.52	---	PASS
	total	5825	1.41	≤30.00	6.76	---	PASS
11N40MIMO	Ant1	5190	-0.97	≤11.00	1.37	≤10.00	PASS
	Ant2	5190	-1.17	≤11.00	0.29	≤10.00	PASS
	total	5190	1.94	≤11.00	7.29	≤10.00	PASS
	Ant1	5230	-1.26	≤11.00	1.08	≤10.00	PASS
	Ant2	5230	-0.60	≤11.00	0.86	≤10.00	PASS
	total	5230	2.09	≤11.00	7.44	≤10.00	PASS
	Ant1	5270	-1.28	≤11.00	1.06	---	PASS
	Ant2	5270	-0.89	≤11.00	0.57	---	PASS
	total	5270	1.93	≤11.00	7.28	---	PASS
	Ant1	5310	-0.73	≤11.00	1.61	---	PASS
	Ant2	5310	-0.18	≤11.00	1.28	---	PASS
	total	5310	2.56	≤11.00	7.91	---	PASS
	Ant1	5510	-0.93	≤11.00	1.41	---	PASS
	Ant2	5510	-2.07	≤11.00	-0.61	---	PASS
	total	5510	1.55	≤11.00	6.90	---	PASS
	Ant1	5550	-1.69	≤11.00	0.65	---	PASS
	Ant2	5550	-0.68	≤11.00	0.78	---	PASS
	total	5550	1.85	≤11.00	7.20	---	PASS
	Ant1	5670	-2.23	≤11.00	0.11	---	PASS
	Ant2	5670	-0.20	≤11.00	1.26	---	PASS
	total	5670	1.91	≤11.00	7.26	---	PASS
	Ant1	5710 UNII-2C	-2.28	≤11.00	0.06	---	PASS
	Ant2	5710 UNII-2C	-0.88	≤11.00	0.58	---	PASS
	total	5710 UNII-2C	1.49	≤11.00	6.84	---	PASS
	Ant1	5710 UNII-3	-6.51	≤30.00	-4.17	---	PASS
	Ant2	5710 UNII-3	-5.19	≤30.00	-3.73	---	PASS
	total	5710 UNII-3	-2.79	≤30.00	2.56	---	PASS
	Ant1	5755	-4.79	≤30.00	-2.45	---	PASS
	Ant2	5755	-3.85	≤30.00	-2.39	---	PASS
	total	5755	-1.28	≤30.00	4.07	---	PASS
	Ant1	5795	-4.96	≤30.00	-2.62	---	PASS
	Ant2	5795	-3.72	≤30.00	-2.26	---	PASS
	total	5795	-1.29	≤30.00	4.06	---	PASS
11AC80MIMO	Ant1	5210	-3.57	≤11.00	-1.23	≤10.00	PASS
	Ant2	5210	-3.09	≤11.00	-1.63	≤10.00	PASS
	total	5210	-0.31	≤11.00	5.04	≤10.00	PASS
	Ant1	5290	-3.50	≤11.00	-1.16	---	PASS
	Ant2	5290	-2.96	≤11.00	-1.50	---	PASS
	total	5290	-0.21	≤11.00	5.14	---	PASS
	Ant1	5530	-4.09	≤11.00	-1.75	---	PASS
	Ant2	5530	-3.74	≤11.00	-2.28	---	PASS
	total	5530	-0.90	≤11.00	4.45	---	PASS
	Ant1	5610	-3.76	≤11.00	-1.42	---	PASS
	Ant2	5610	-3.32	≤11.00	-1.86	---	PASS
	total	5610	-0.52	≤11.00	4.83	---	PASS

	Ant1	5690 UNII-2C	-3.97	≤ 11.00	-1.63	---	PASS
	Ant2	5690 UNII-2C	-3.11	≤ 11.00	-1.65	---	PASS
	total	5690 UNII-2C	-0.51	≤ 11.00	4.84	---	PASS
	Ant1	5690 UNII-3	-9.52	≤ 30.00	-7.18	---	PASS
	Ant2	5690 UNII-3	-8.36	≤ 30.00	-6.90	---	PASS
	total	5690 UNII-3	-5.89	≤ 30.00	-0.54	---	PASS
	Ant1	5775	-7.19	≤ 30.00	-4.85	---	PASS
	Ant2	5775	-6.57	≤ 30.00	-5.11	---	PASS
	total	5775	-3.86	≤ 30.00	1.49	---	PASS

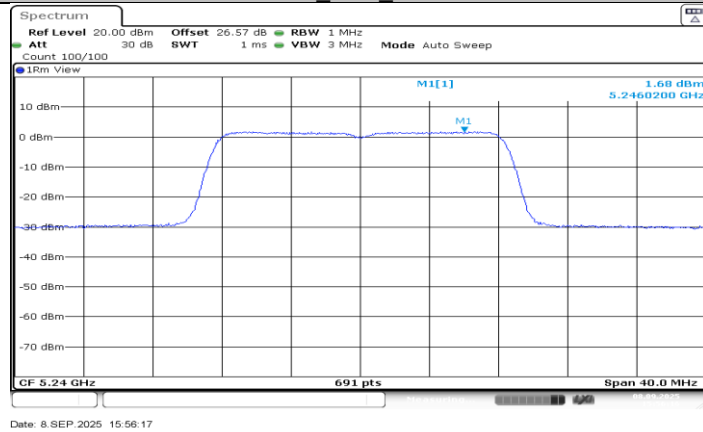
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

11.5.2. Test Graphs

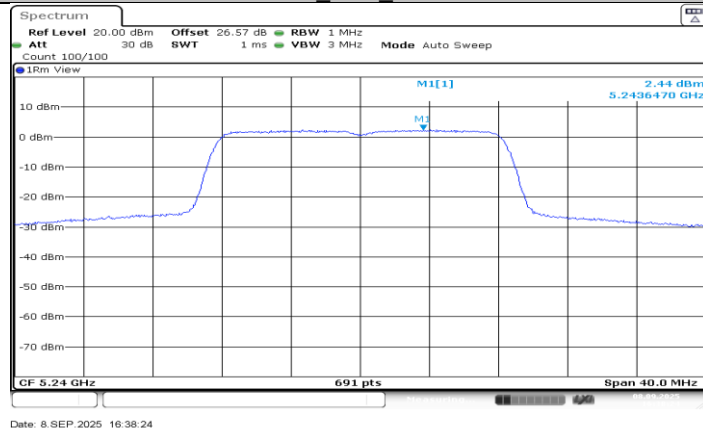




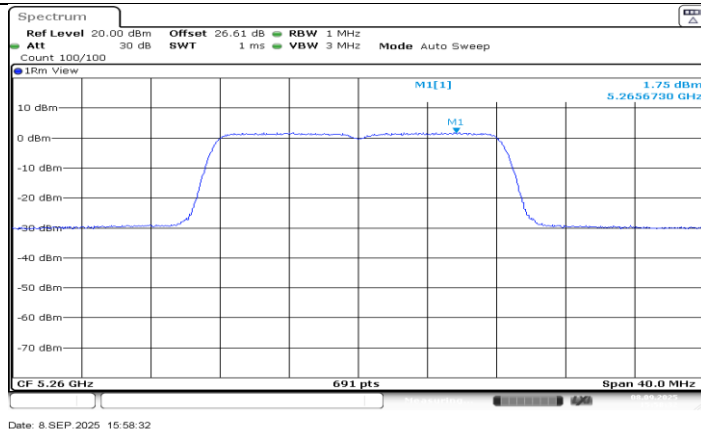
11A_Ant2_5200



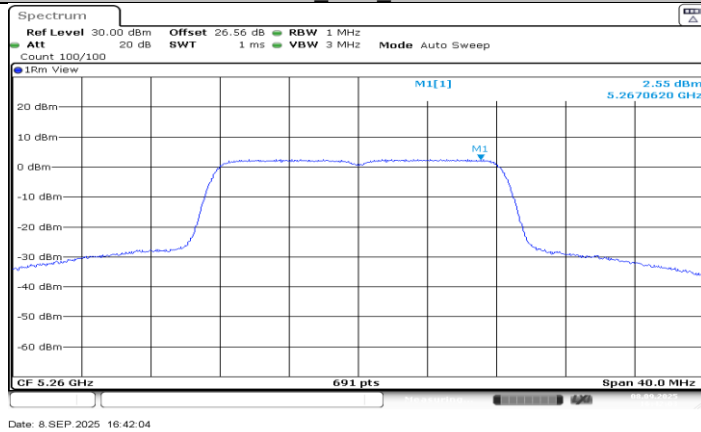
11A_Ant1_5240



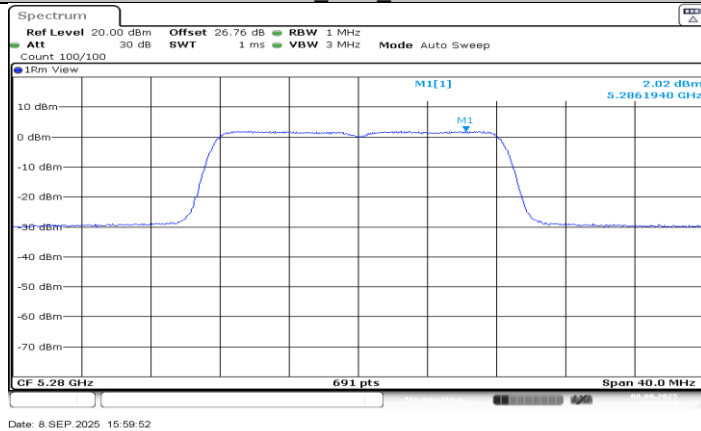
11A_Ant2_5240



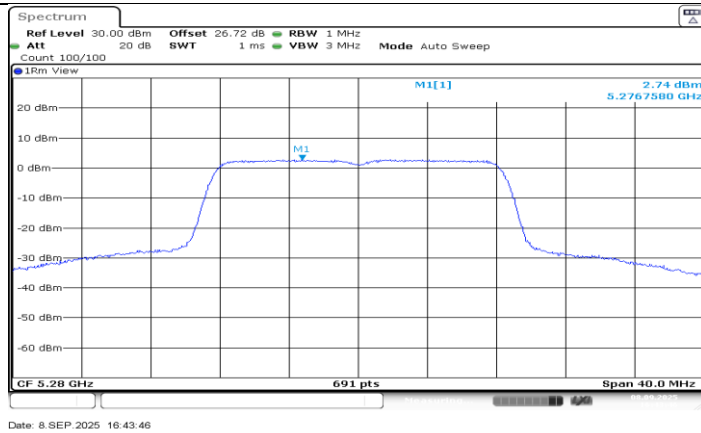
11A_Ant1_5260



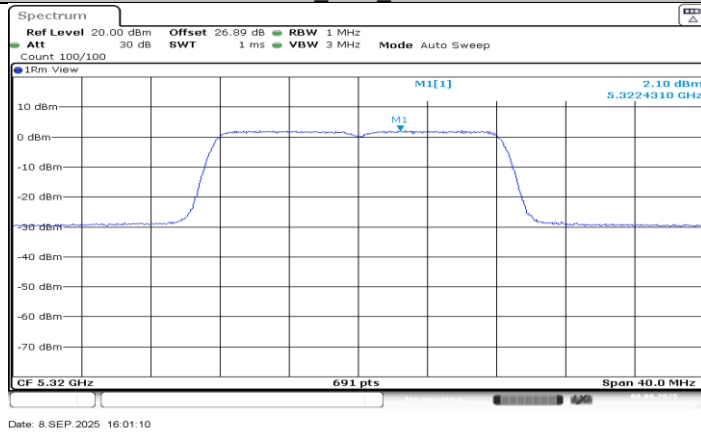
11A_Ant2_5260



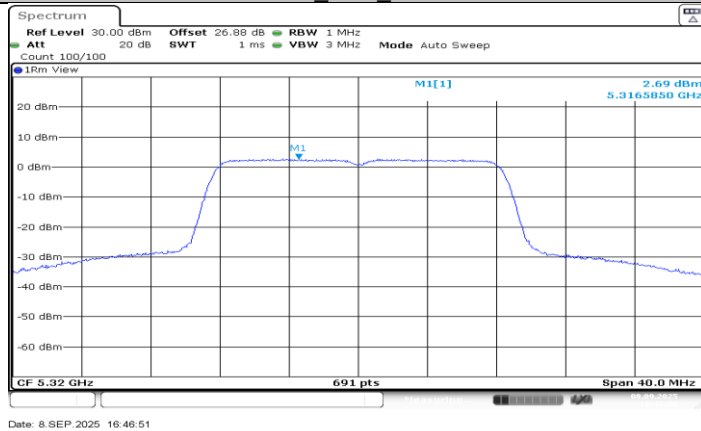
11A_Ant1_5280



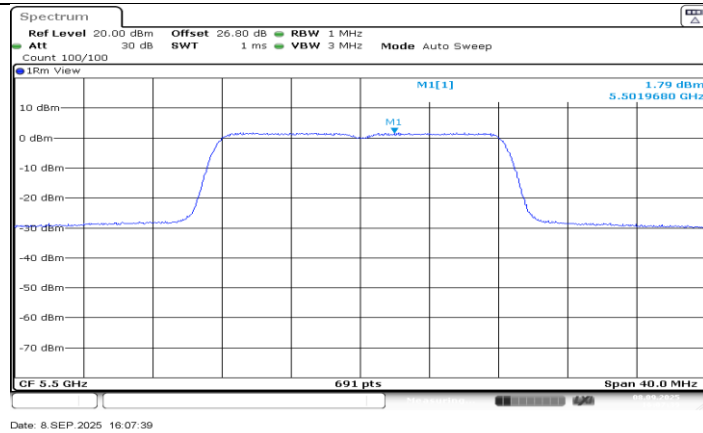
11A_Ant2_5280



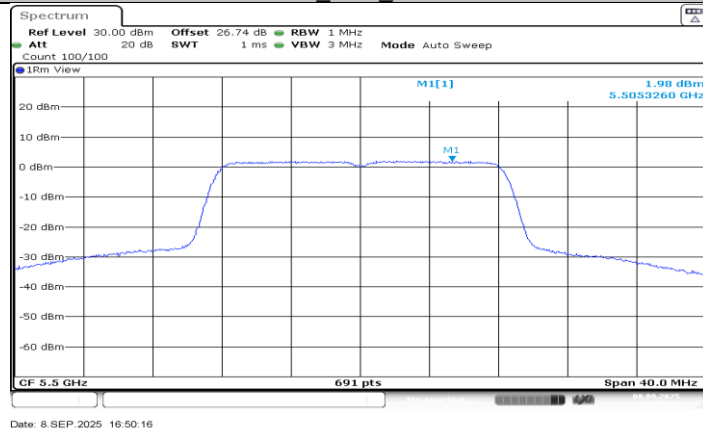
11A_Ant1_5320



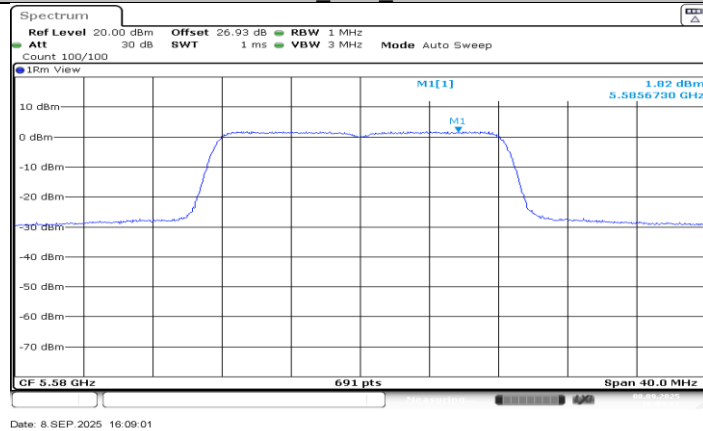
11A_Ant2_5320



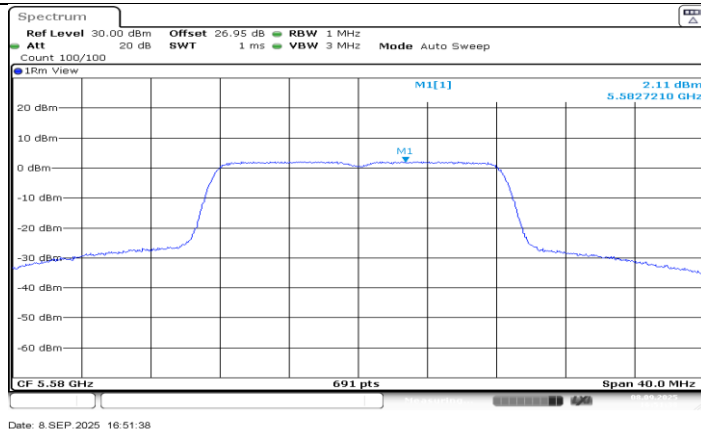
11A_Ant1_5500



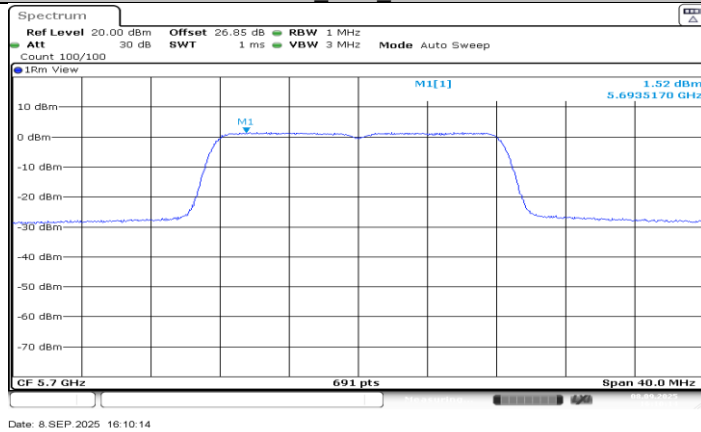
11A_Ant2_5500



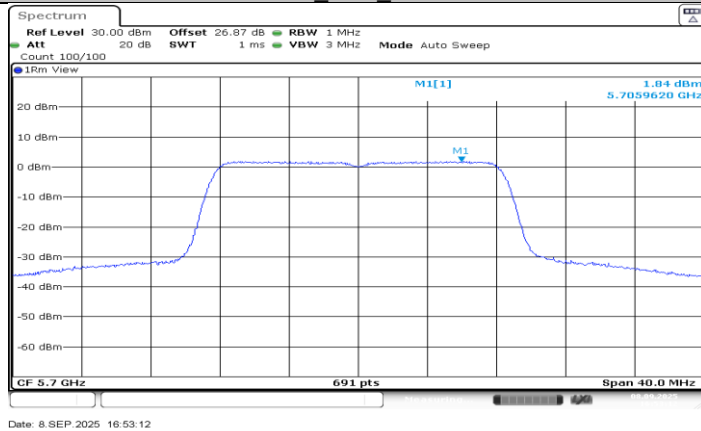
11A_Ant1_5580



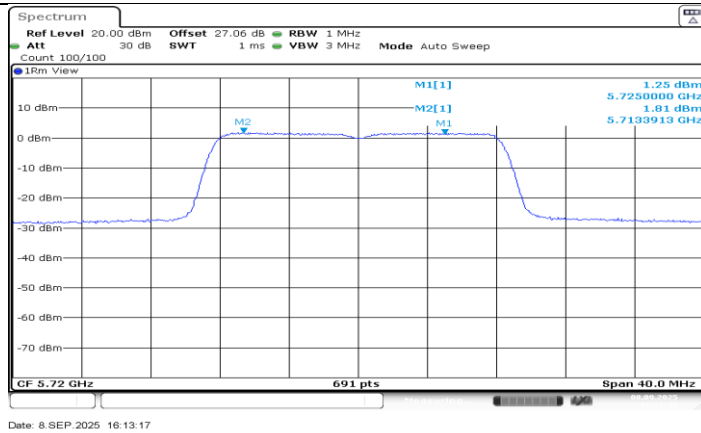
11A_Ant2_5580



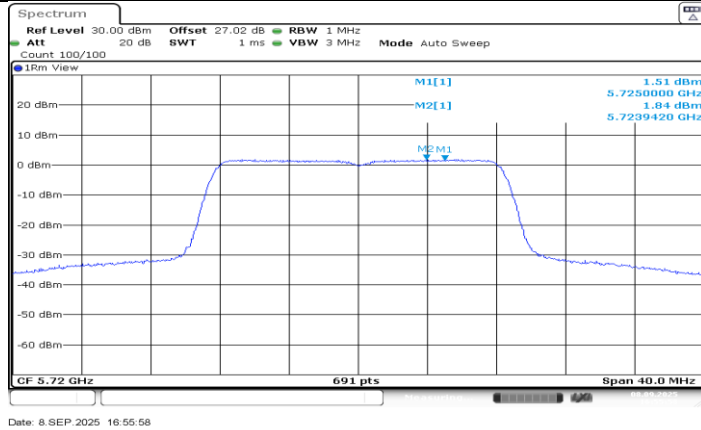
11A_Ant1_5700



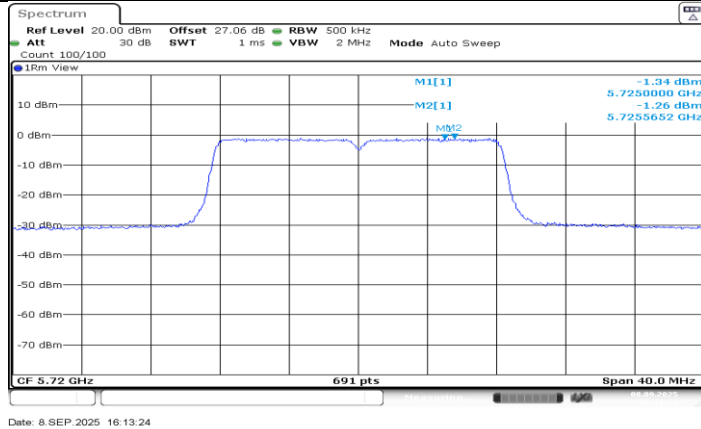
11A_Ant2_5700



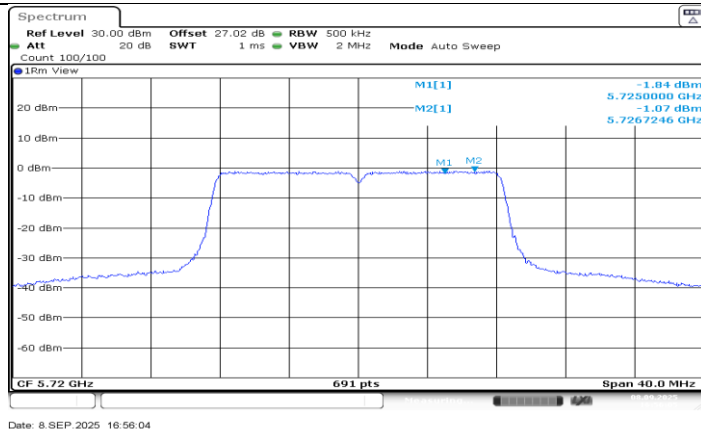
11A_Ant1_5720_UNII-2C



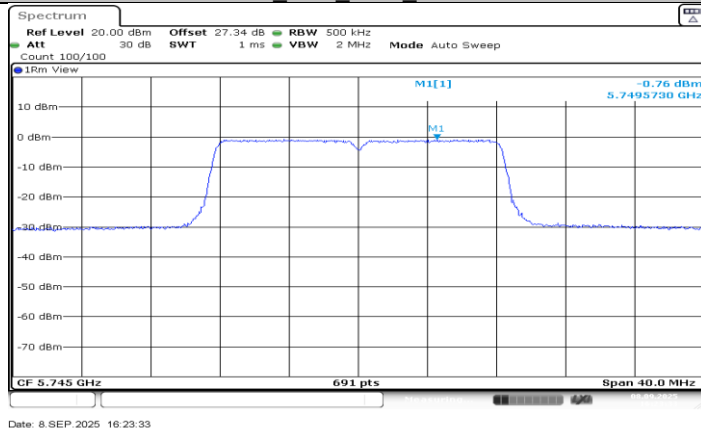
11A_Ant2_5720_UNII-2C



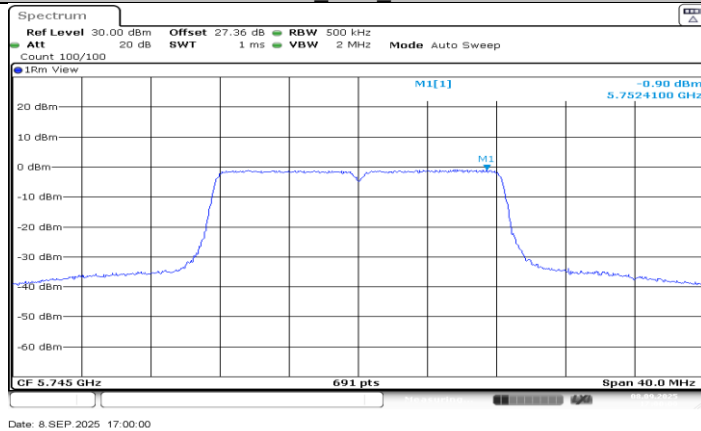
11A_Ant1_5720_UNII-3



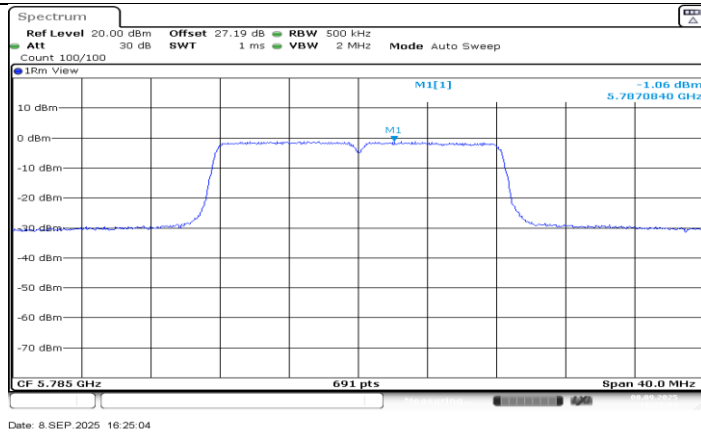
11A_Ant2_5720_UNII-3



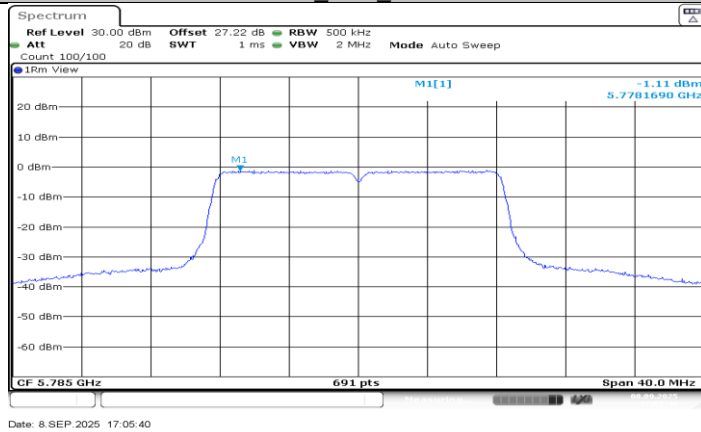
11A_Ant1_5745



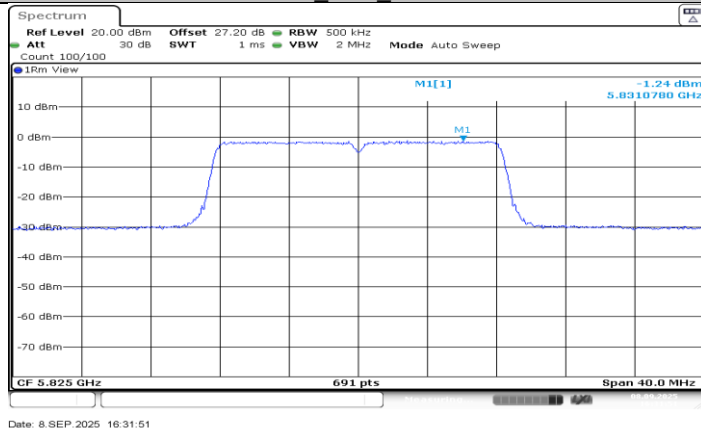
11A_Ant2_5745



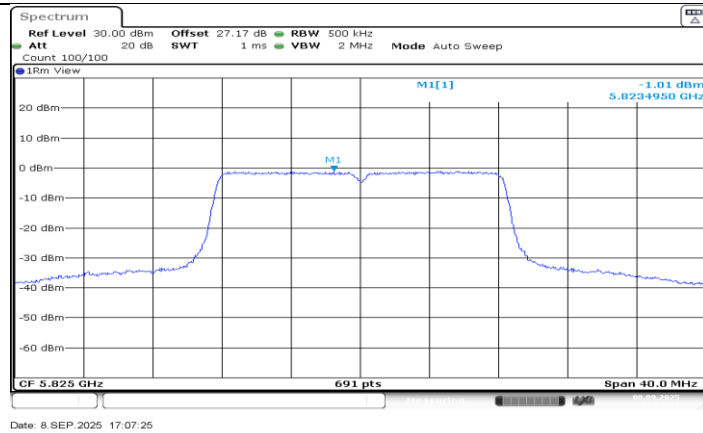
11A_Ant1_5785



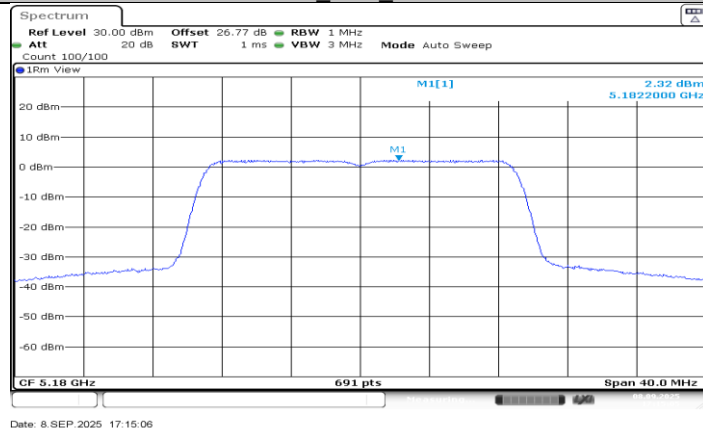
11A_Ant2_5785



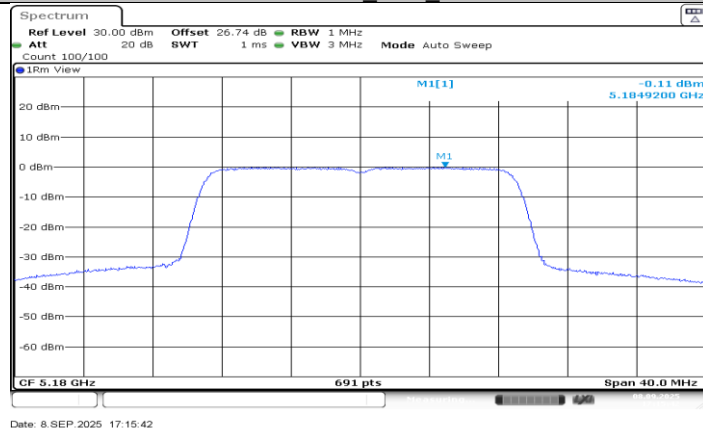
11A_Ant1_5825



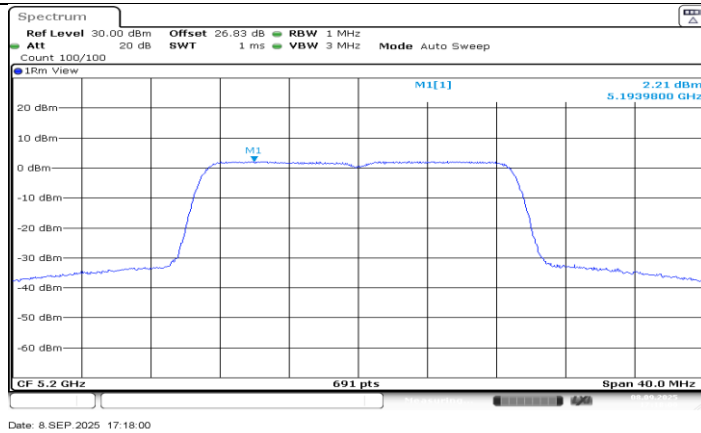
11A_Ant2_5825



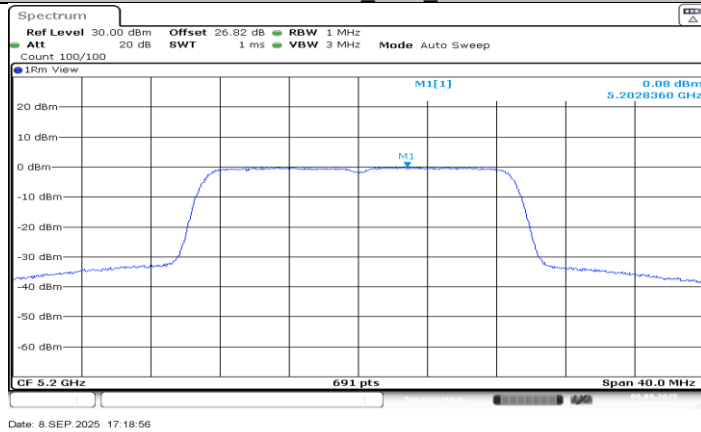
11N20MIMO_Ant1_5180



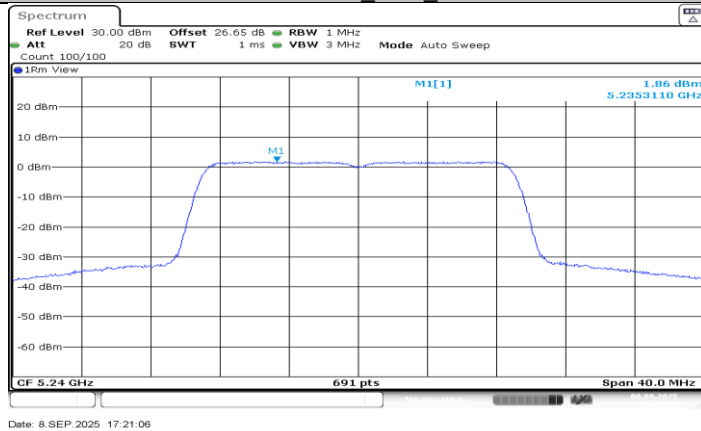
11N20MIMO_Ant2_5180



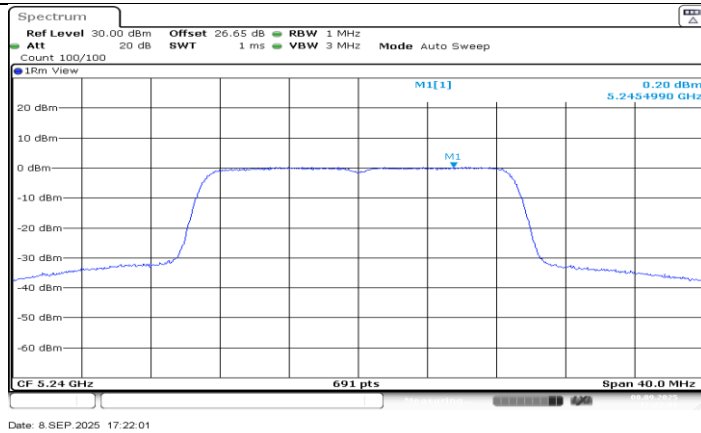
11N20MIMO_Ant1_5200



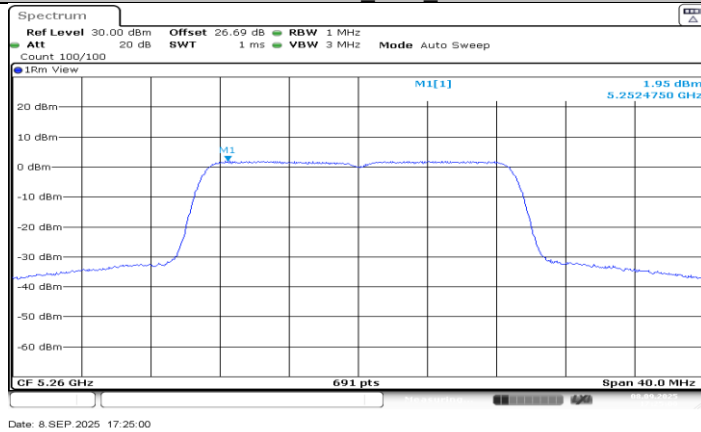
11N20MIMO_Ant2_5200



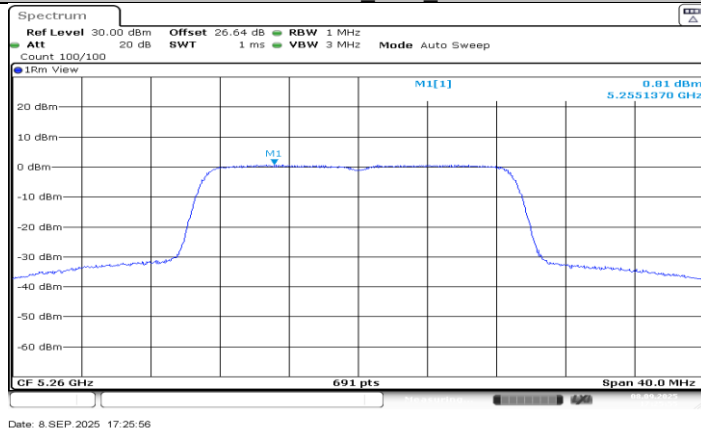
11N20MIMO_Ant1_5240



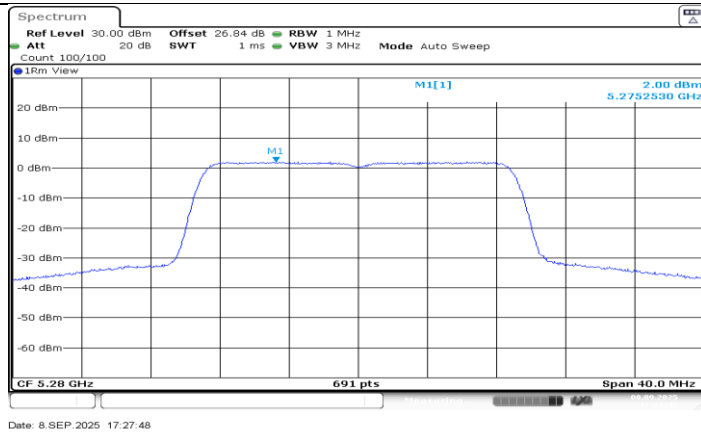
11N20MIMO_Ant2_5240



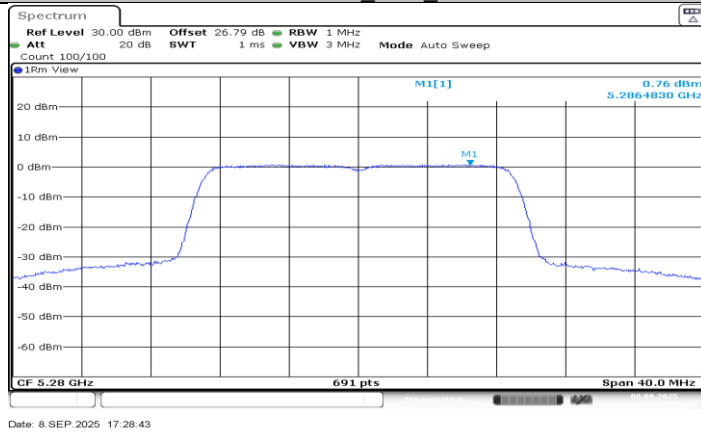
11N20MIMO_Ant1_5260



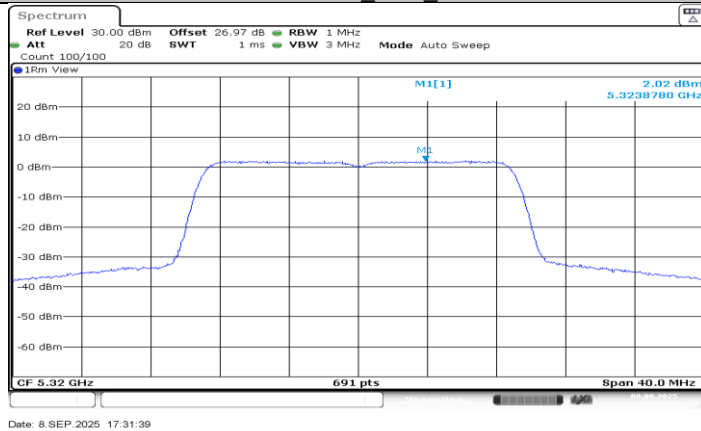
11N20MIMO_Ant2_5260



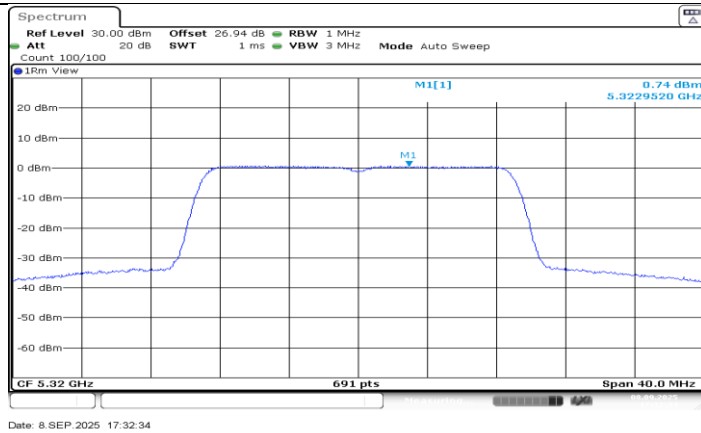
11N20MIMO_Ant1_5280



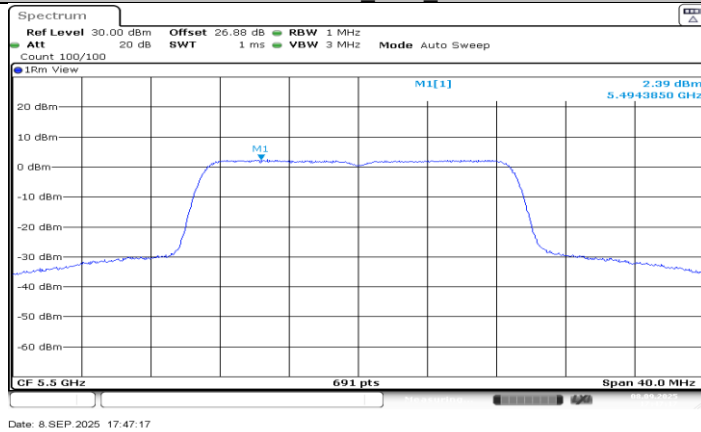
11N20MIMO_Ant2_5280



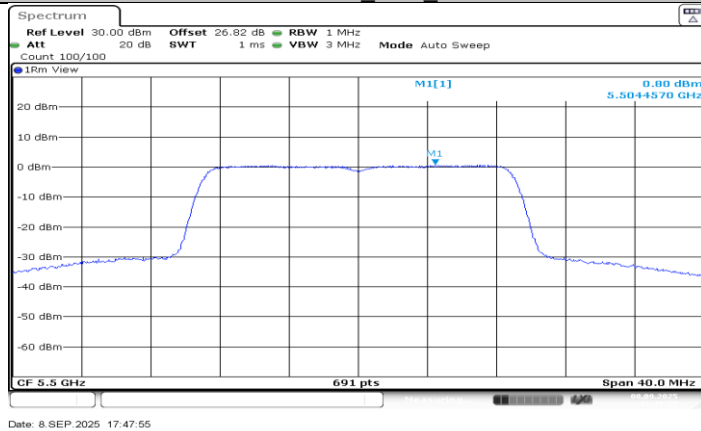
11N20MIMO_Ant1_5320



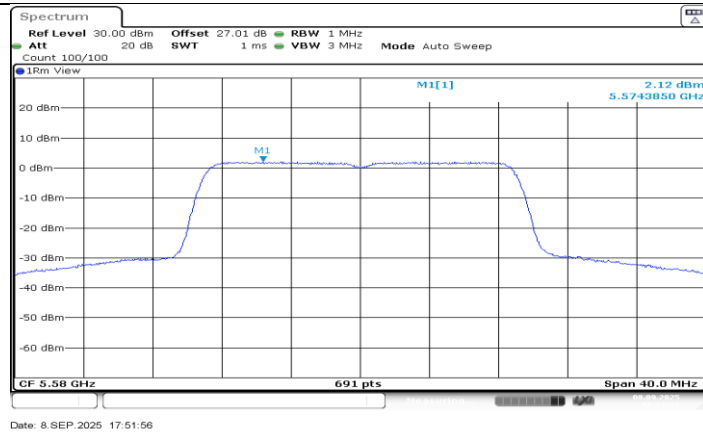
11N20MIMO_Ant2_5320



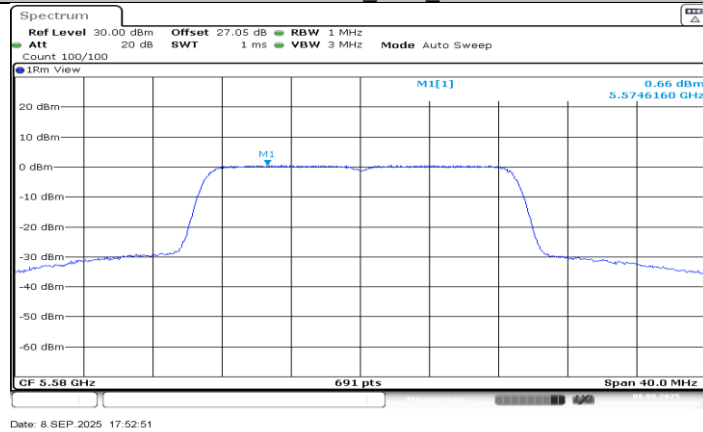
11N20MIMO_Ant1_5500



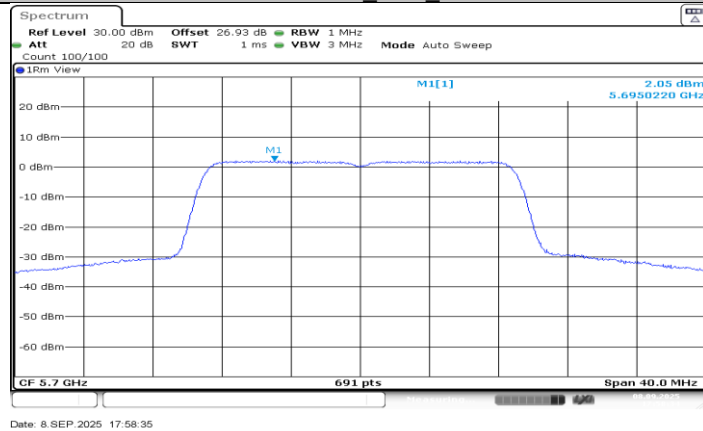
11N20MIMO_Ant2_5500



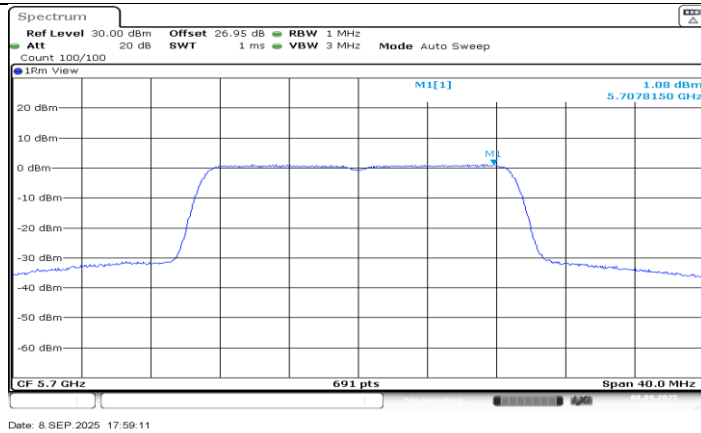
11N20MIMO_Ant1_5580



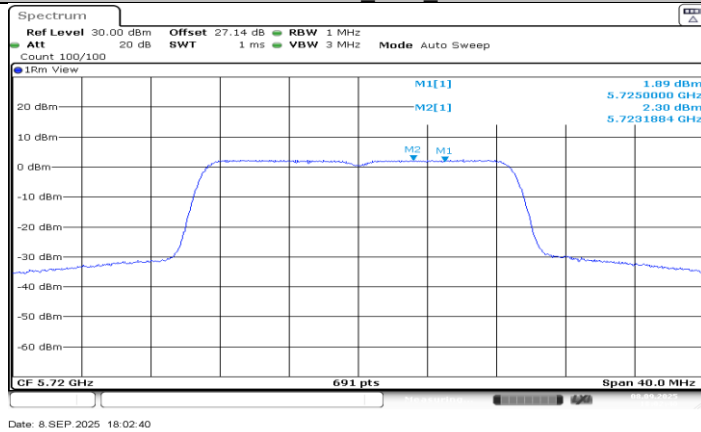
11N20MIMO_Ant2_5580



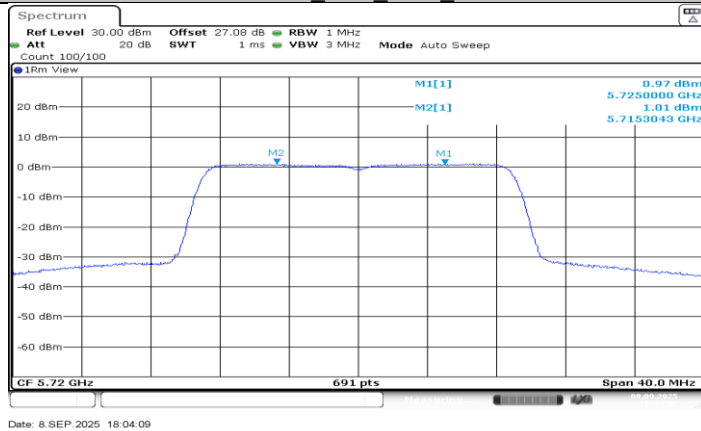
11N20MIMO_Ant1_5700



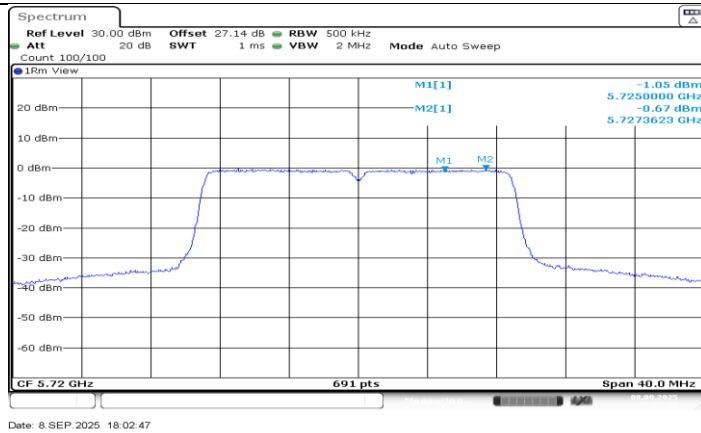
11N20MIMO_Ant2_5700



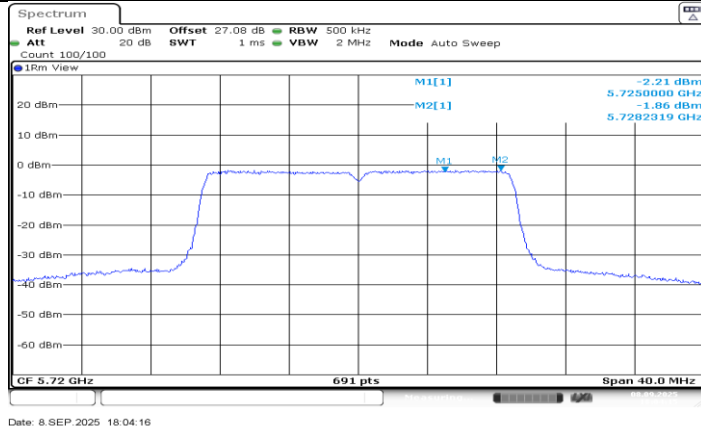
11N20MIMO_Ant1_5720_UNII-2C



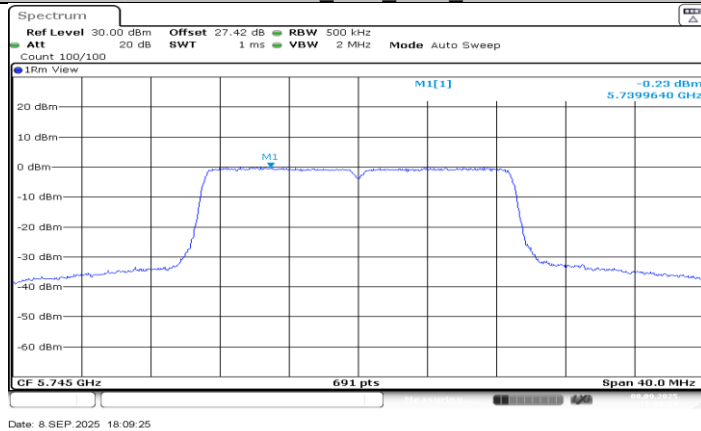
11N20MIMO_Ant2_5720_UNII-2C



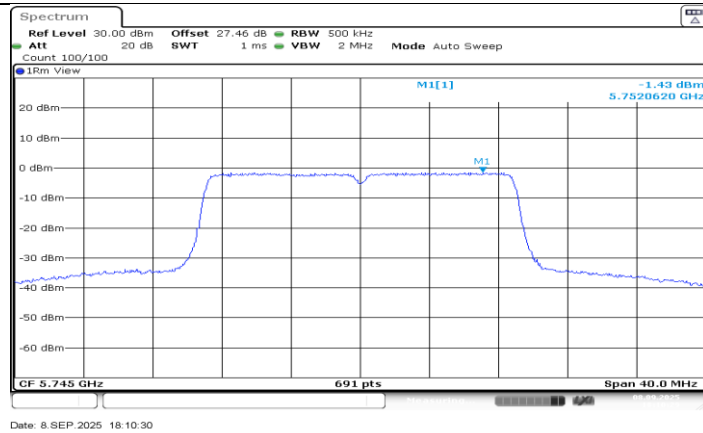
11N20MIMO_Ant1_5720_UNII-3



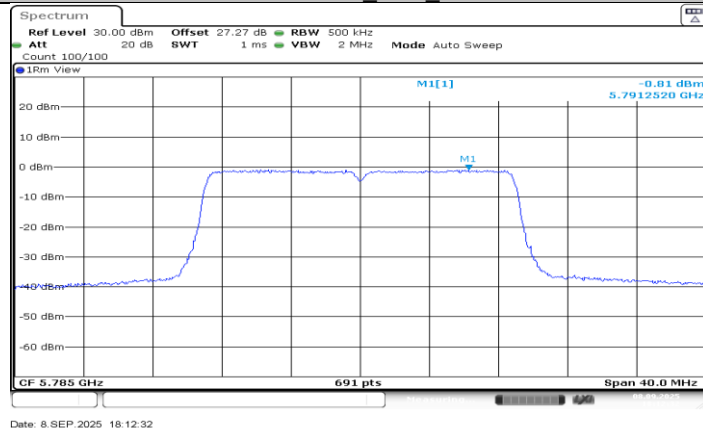
11N20MIMO_Ant2_5720_UNII-3



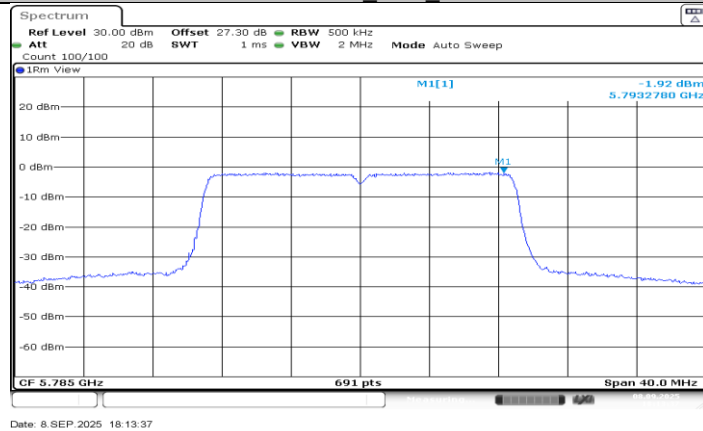
11N20MIMO_Ant1_5745



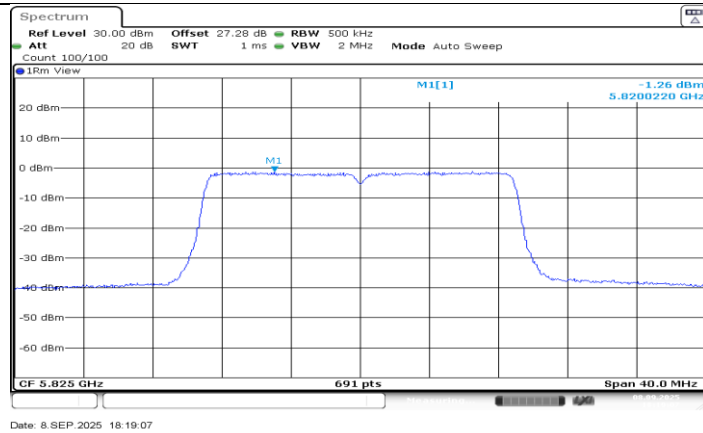
11N20MIMO_Ant2_5745



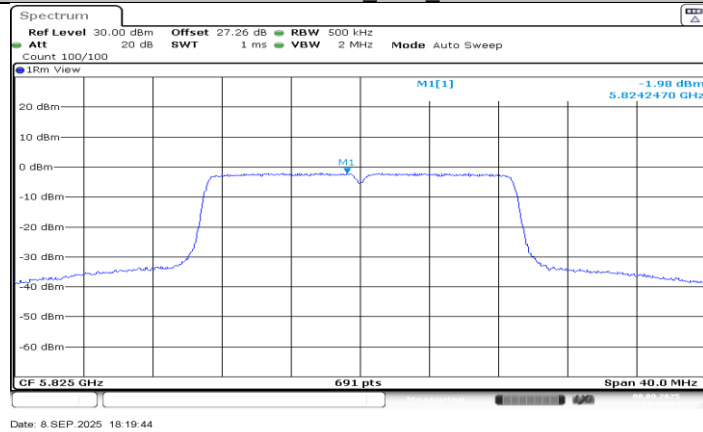
11N20MIMO_Ant1_5785



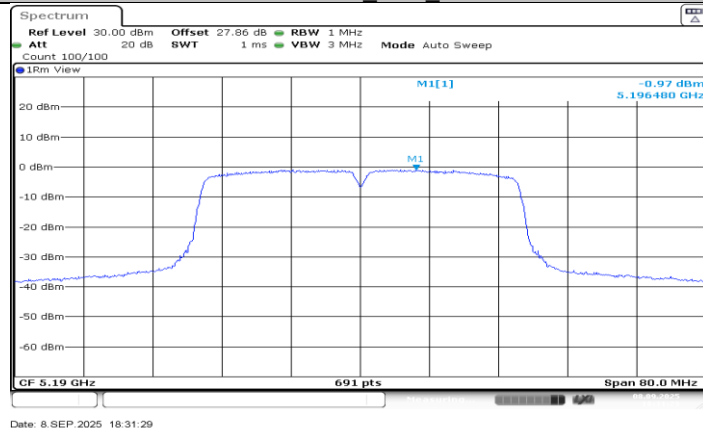
11N20MIMO_Ant2_5785



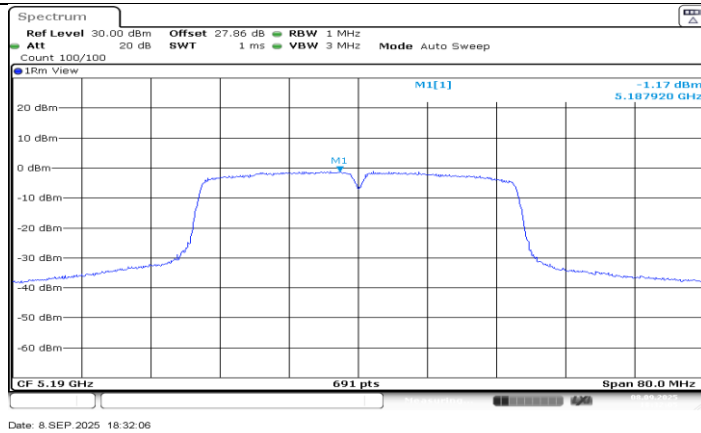
11N20MIMO_Ant1_5825



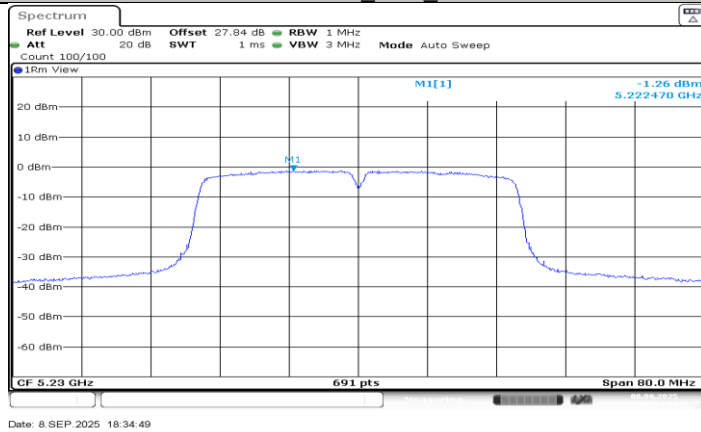
11N20MIMO_Ant2_5825



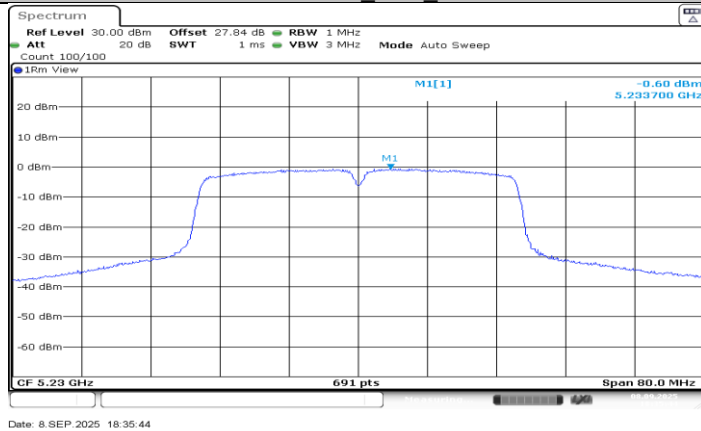
11N40MIMO_Ant1_5190



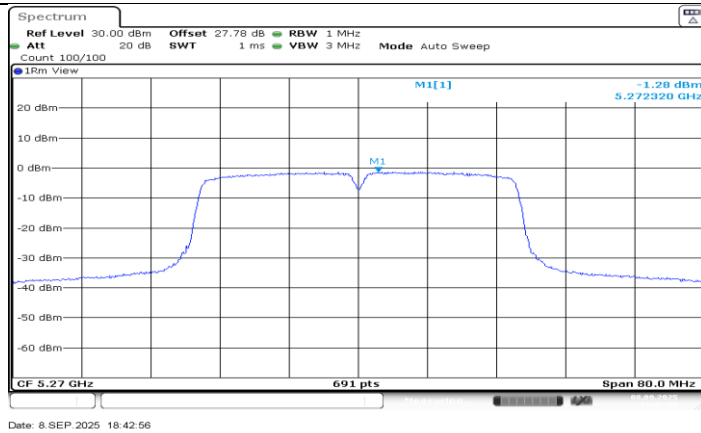
11N40MIMO_Ant2_5190



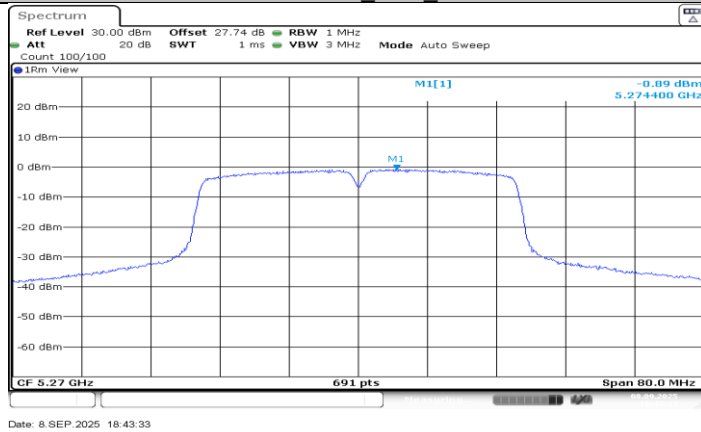
11N40MIMO_Ant1_5230



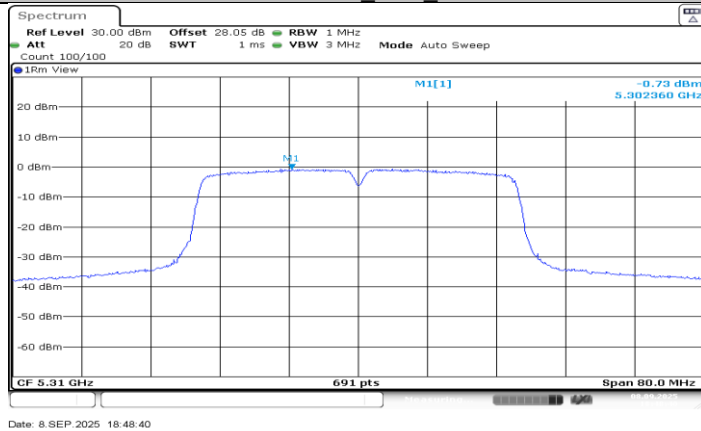
11N40MIMO_Ant2_5230



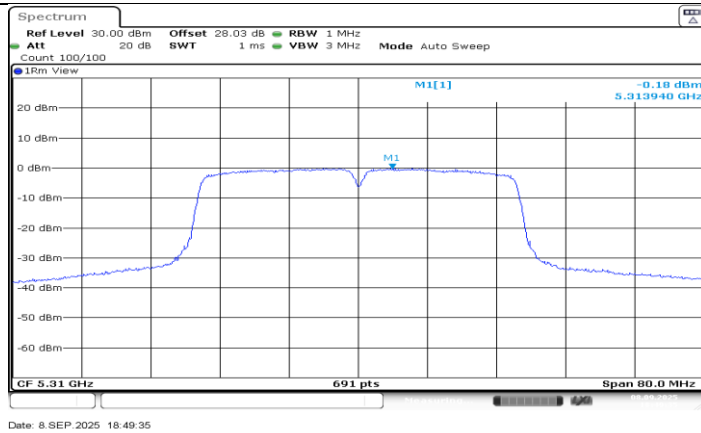
11N40MIMO_Ant1_5270



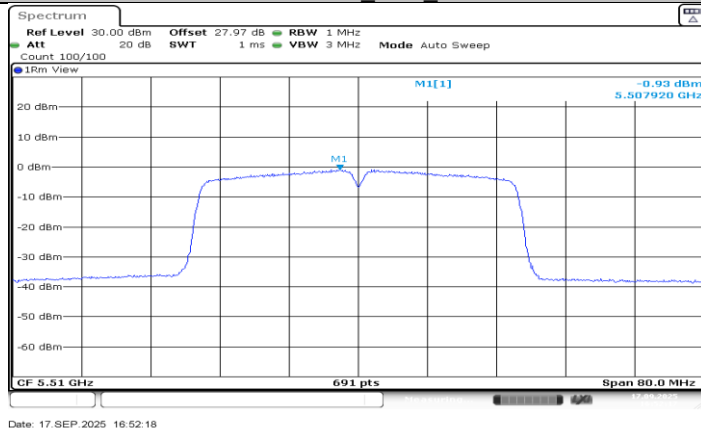
11N40MIMO_Ant2_5270



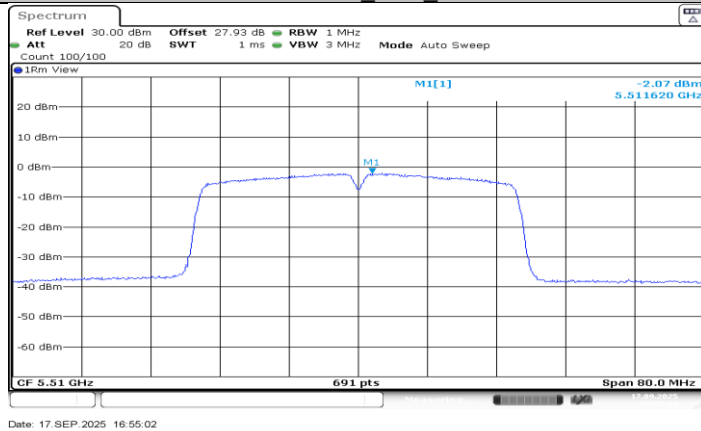
11N40MIMO_Ant1_5310



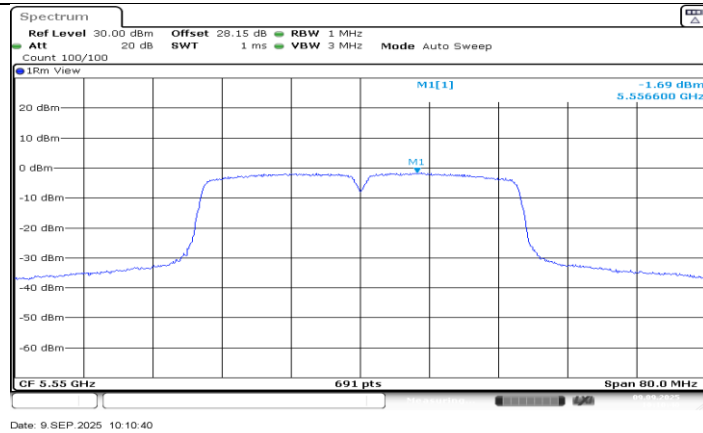
11N40MIMO_Ant2_5310



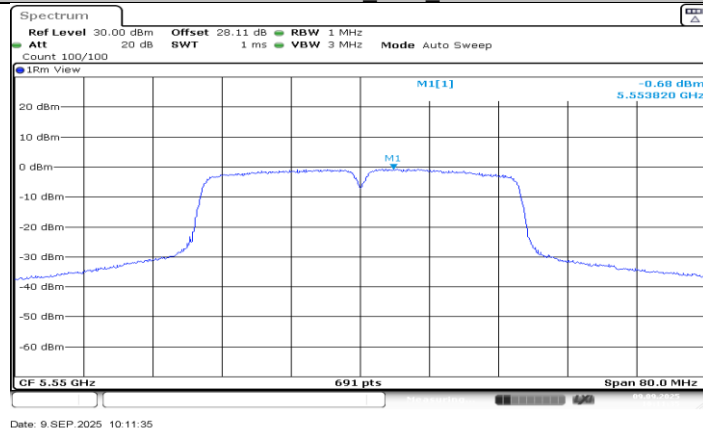
11N40MIMO_Ant1_5510



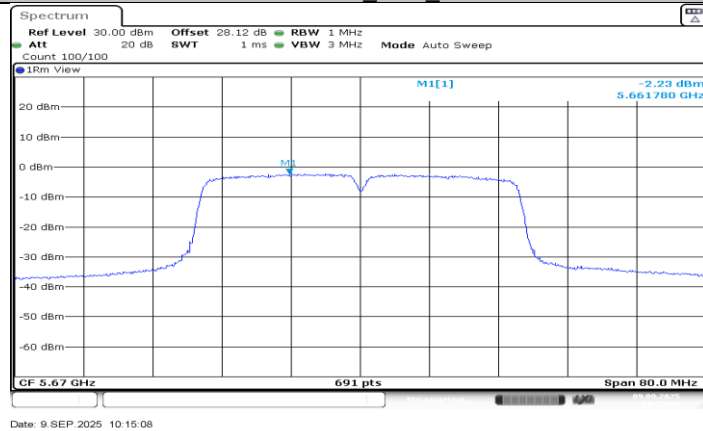
11N40MIMO_Ant2_5510



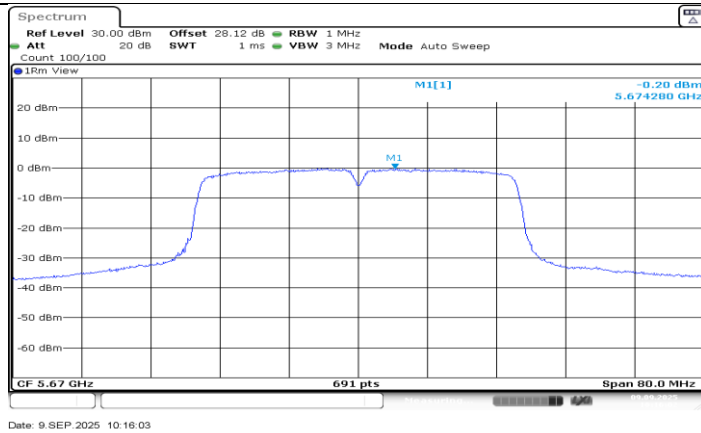
11N40MIMO_Ant1_5550



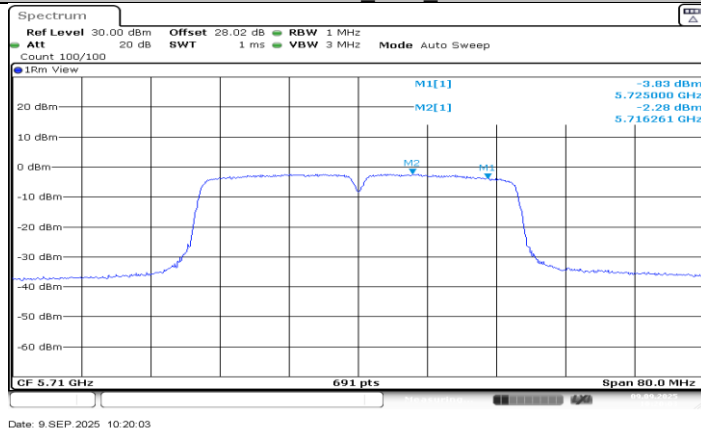
11N40MIMO_Ant2_5550



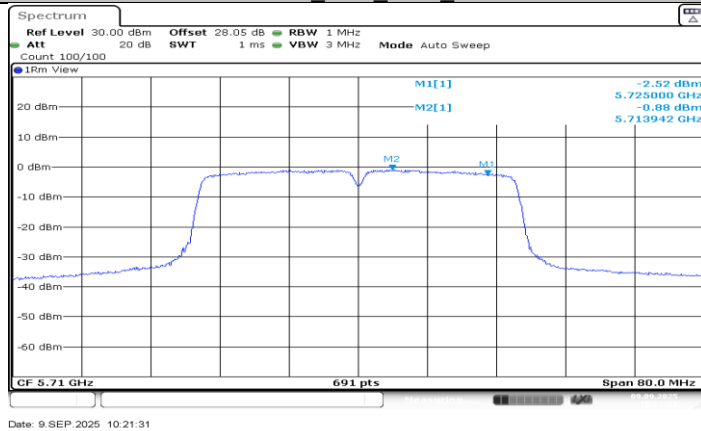
11N40MIMO_Ant1_5670



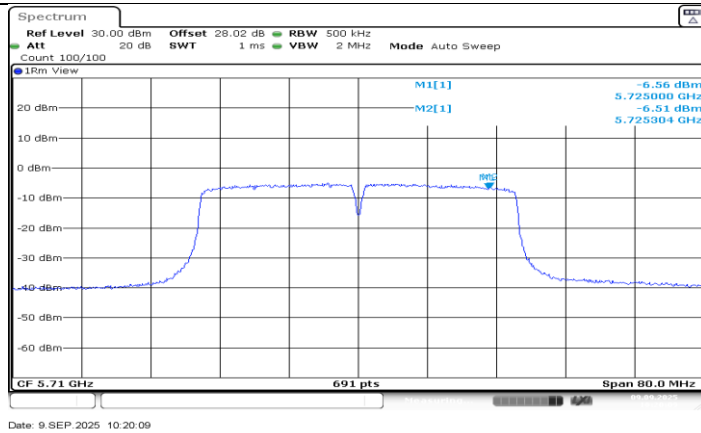
11N40MIMO_Ant2_5670



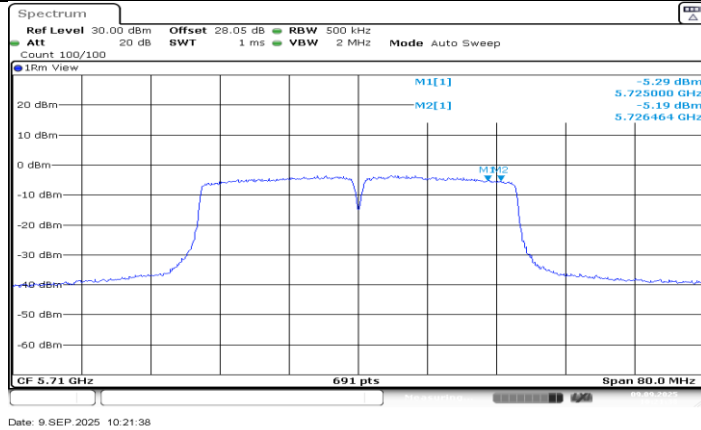
11N40MIMO_Ant1_5710_UNII-2C



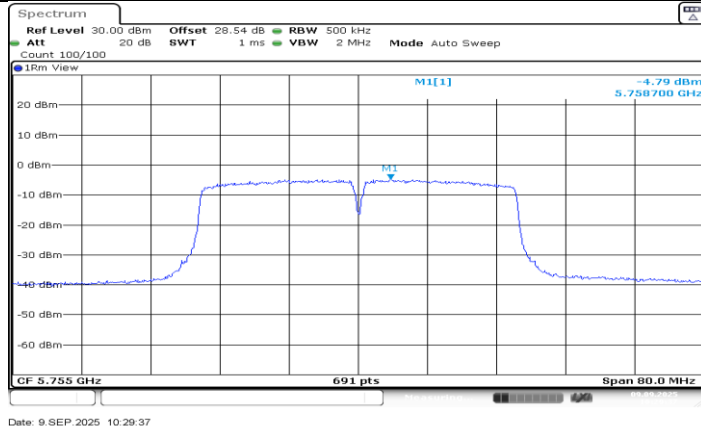
11N40MIMO_Ant2_5710_UNII-2C



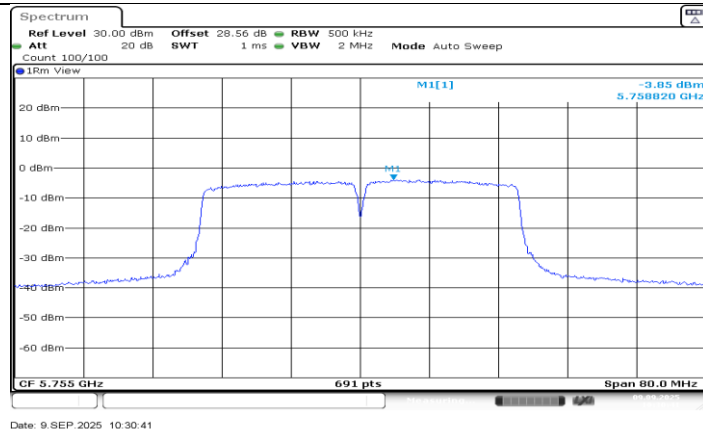
11N40MIMO_Ant1_5710_UNII-3



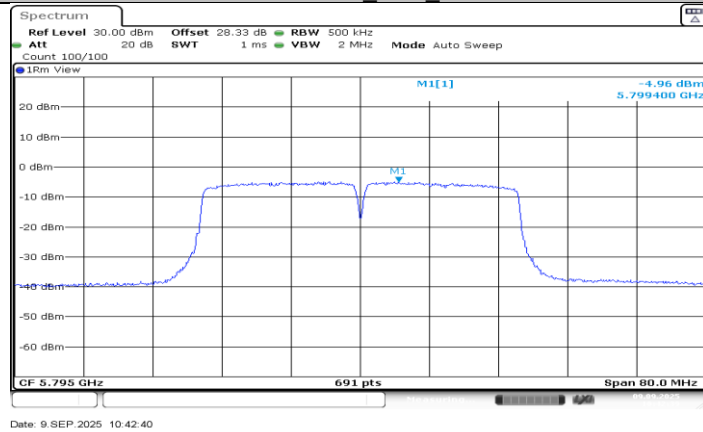
11N40MIMO_Ant2_5710_UNII-3



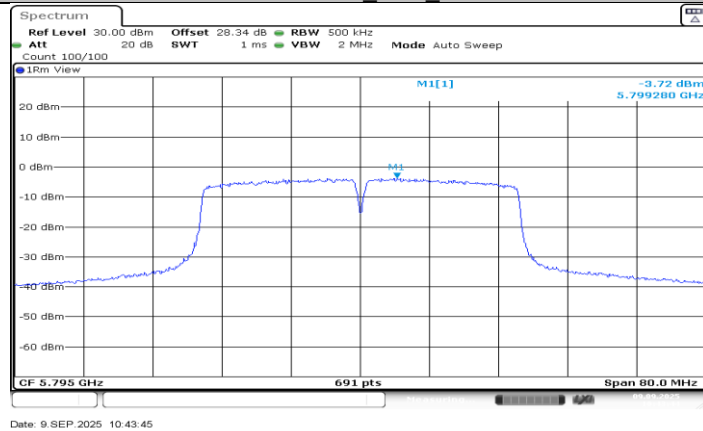
11N40MIMO_Ant1_5755



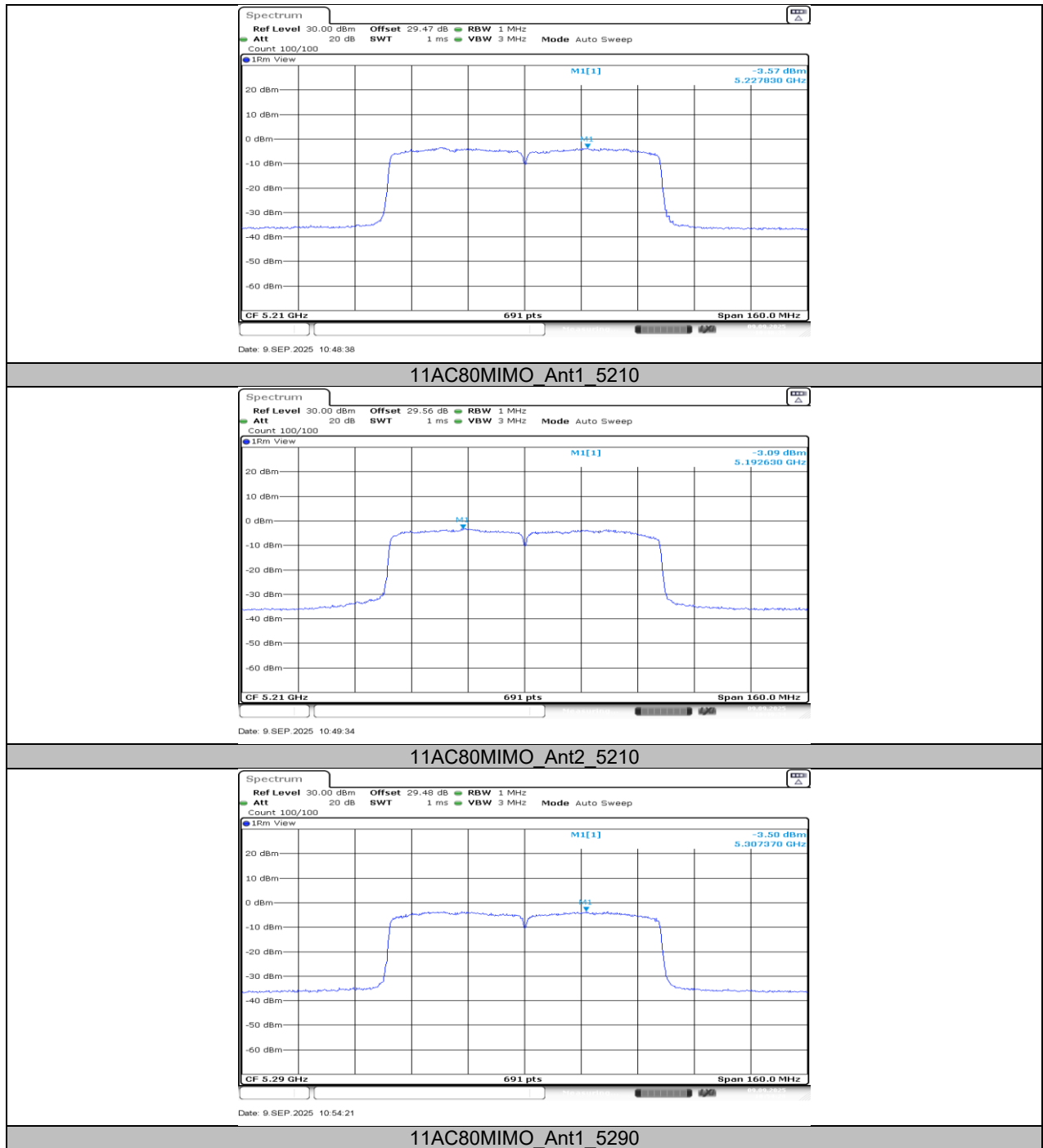
11N40MIMO_Ant2_5755

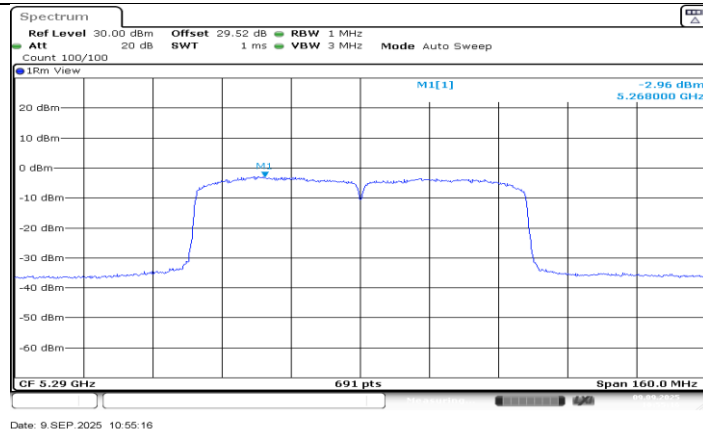


11N40MIMO_Ant1_5795

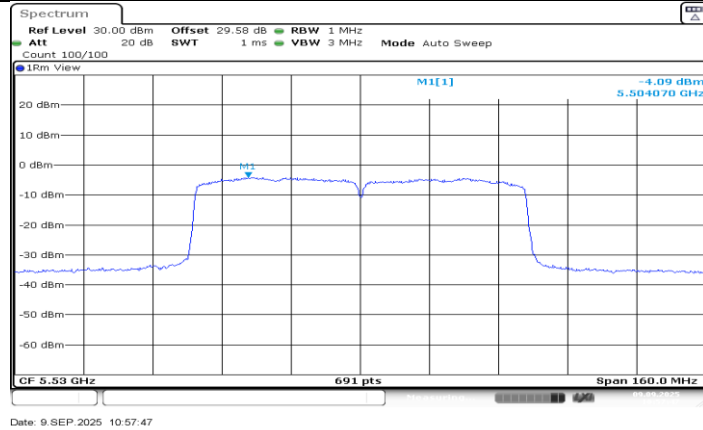


11N40MIMO_Ant2_5795

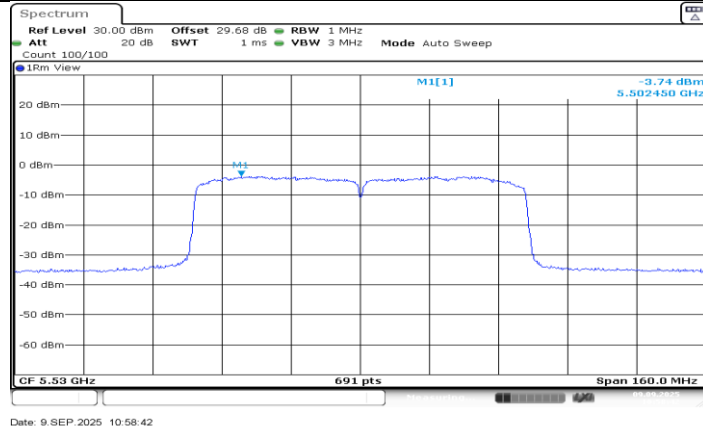




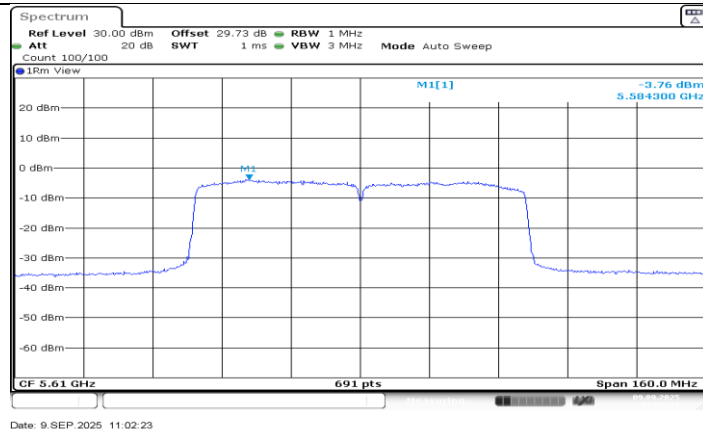
11AC80MIMO_Ant2_5290



11AC80MIMO_Ant1_5530



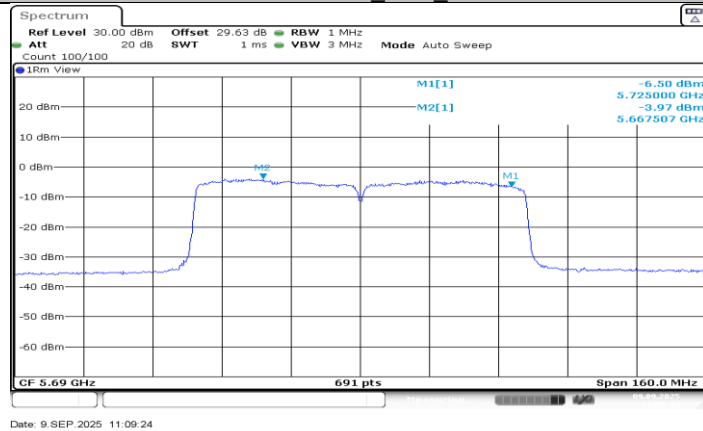
11AC80MIMO_Ant2_5530



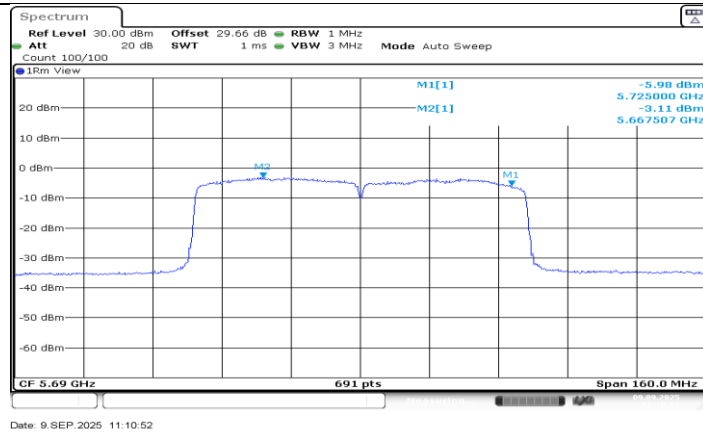
11AC80MIMO_Ant1_5610



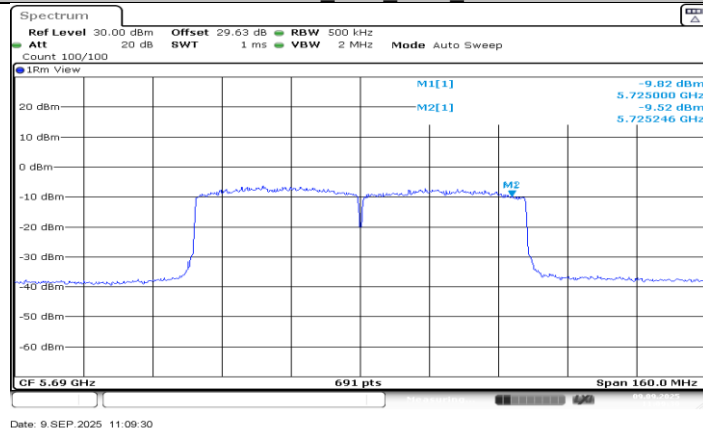
11AC80MIMO_Ant2_5610



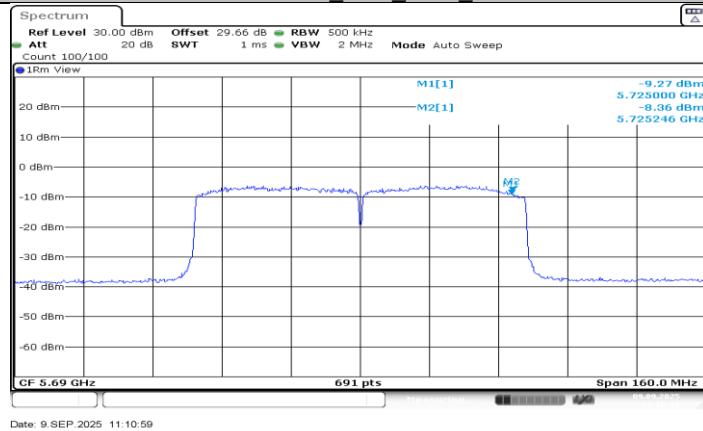
11AC80MIMO_Ant1_5690_UNII-2C



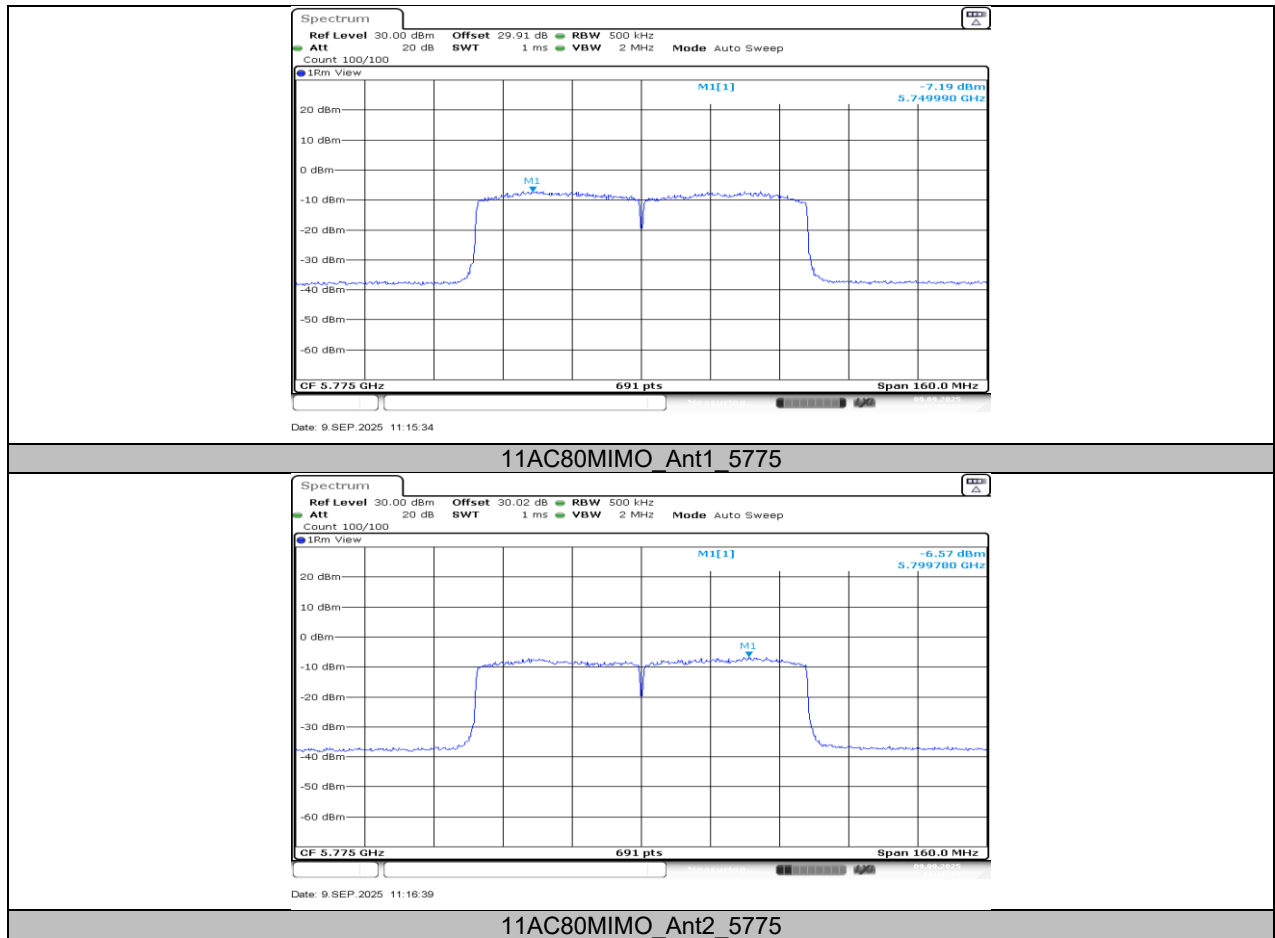
11AC80MIMO_Ant2_5690_UNII-2C



11AC80MIMO_Ant1_5690_UNII-3



11AC80MIMO_Ant2_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	5200.0168	3.22	5199.9833	-3.21	5199.9900	-1.91	5200.0071	1.36
TN	VN	5200.0090	1.74	5200.0025	0.48	5200.0214	4.12	5199.9970	-0.58
TN	VH	5200.0129	2.48	5199.9892	-2.07	5199.9944	-1.07	5200.0032	0.61
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	5200.0087	1.66	5200.0189	3.64	5199.9882	-2.27	5199.9982	-0.35
60	VN	5200.0025	0.47	5199.9992	-0.16	5199.9829	-3.29	5199.9778	-4.26
50	VN	5200.0101	1.95	5199.9830	-3.27	5200.0178	3.43	5199.9775	-4.33
40	VN	5200.0232	4.46	5200.0092	1.76	5200.0169	3.26	5200.0121	2.32
30	VN	5199.9855	-2.79	5199.9829	-3.29	5199.9939	-1.16	5200.0061	1.18
20	VN	5200.0004	0.07	5200.0225	4.34	5199.9888	-2.16	5199.9925	-1.45
10	VN	5199.9917	-1.59	5199.9867	-2.56	5200.0205	3.95	5199.9965	-0.68
0	VN	5200.0113	2.18	5200.0102	1.96	5200.0006	0.11	5199.9924	-1.46
-10	VN	5199.9764	-4.55	5199.9992	-0.15	5200.0231	4.45	5200.0184	3.53

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	1.35	1.85	0.7297	72.97	1.37	0.74	1
11N20MIMO	1.26	1.76	0.7159	71.59	1.45	0.79	1
11N40MIMO	0.63	1.13	0.5575	55.75	2.54	1.59	2
11AC80MIMO	0.32	0.82	0.3902	39.02	4.09	3.13	4

Note:

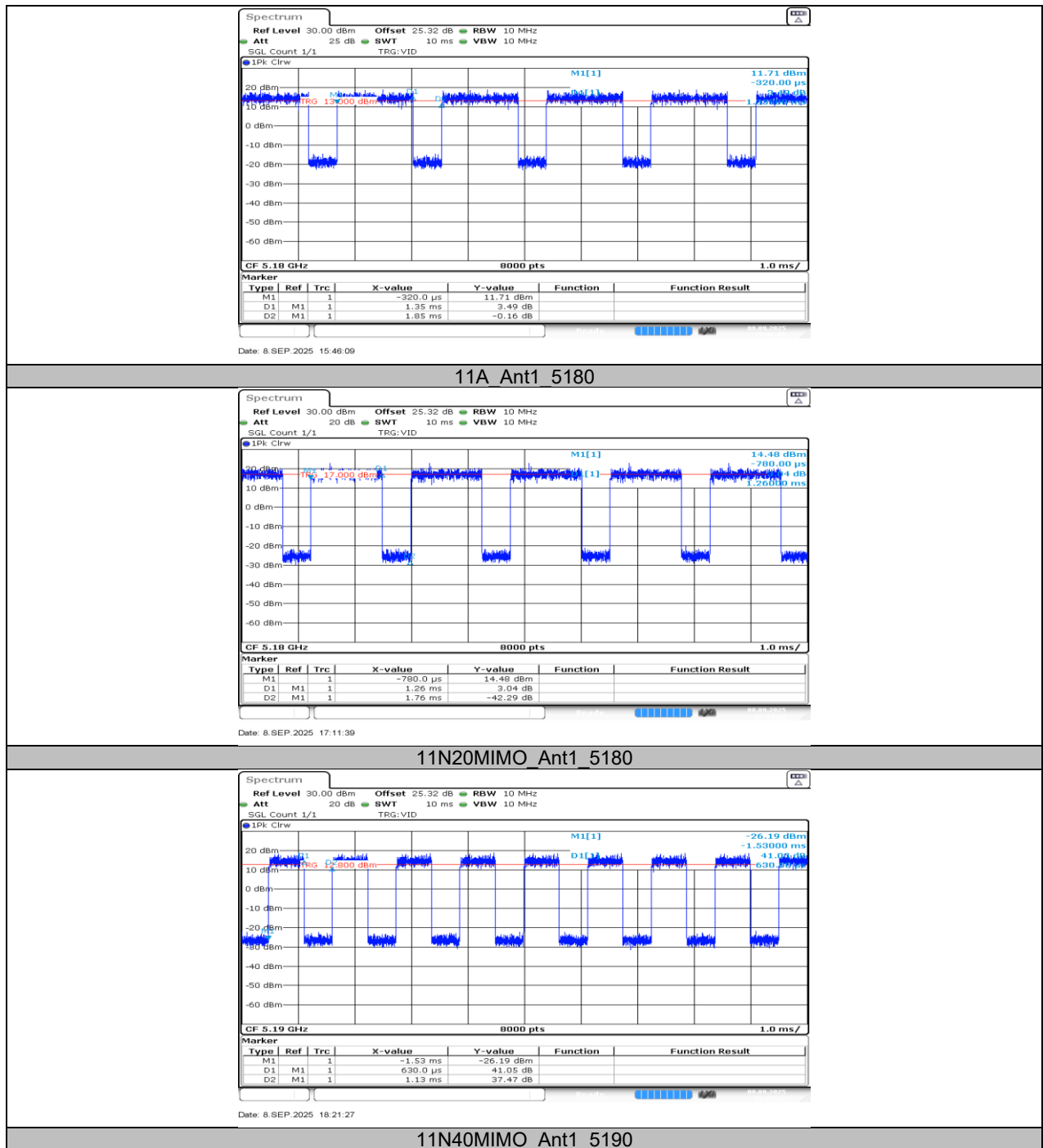
Duty Cycle Correction Factor= $10\log(1/x)$.

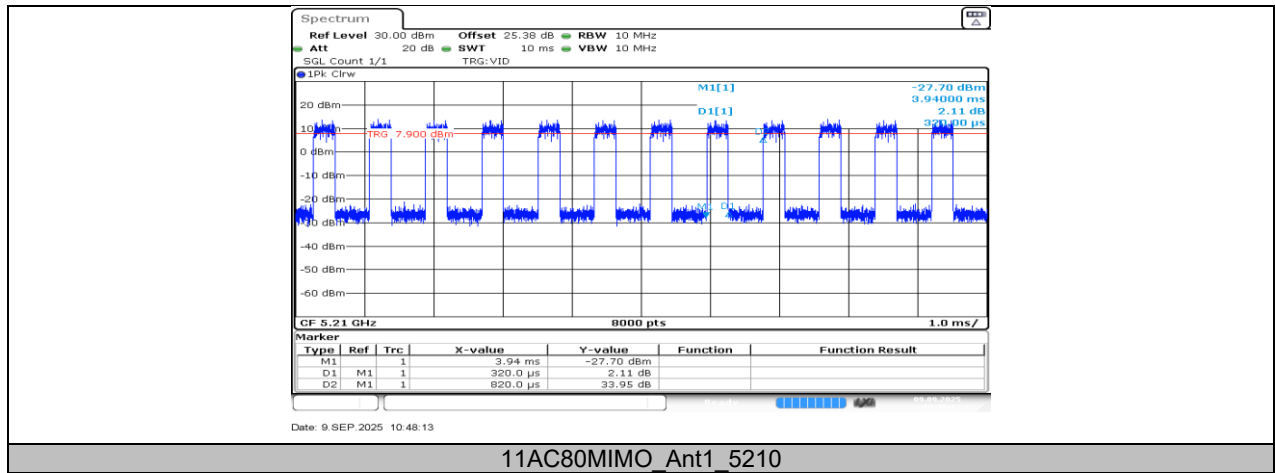
Where: x is Duty Cycle (Linear)

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



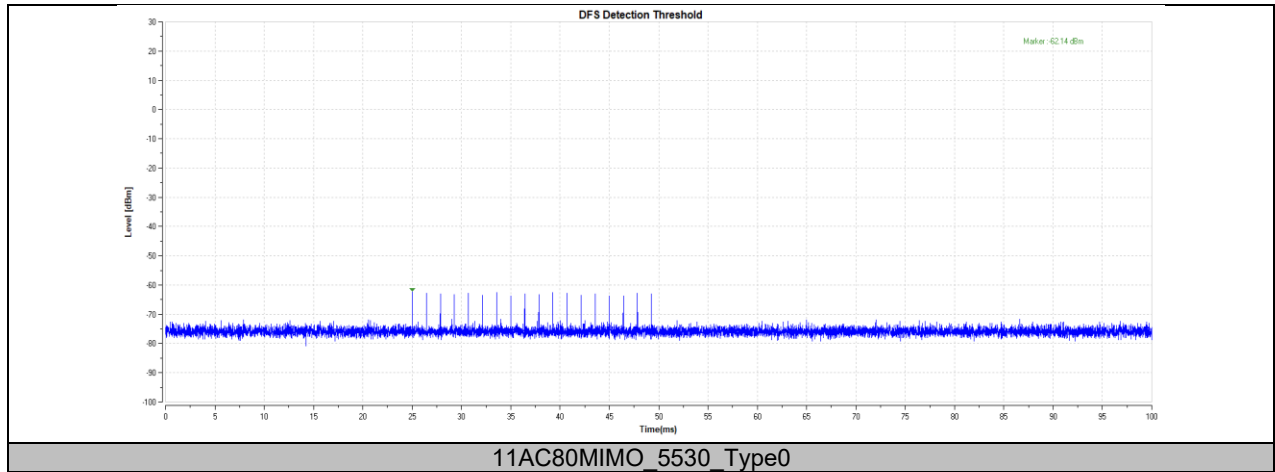


11.8. APPENDIX H: DFS DETECTION THRESHOLDS

11.8.1. Test Result

TestMode	Channel	Radar Type	Result	Limit[dbm]	Verdict
11AC80MIMO	5530	Type0	-62.14	-62.00	PASS

11.8.2. Test Graphs

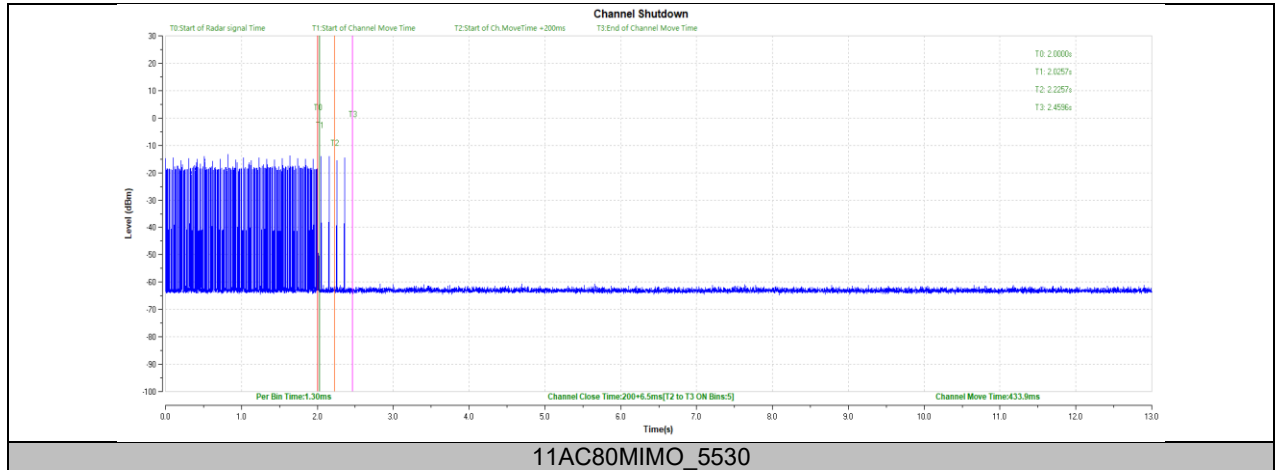


11.9. APPENDIX I: CHANNEL MOVE TIME AND CHANNEL CLOSING TRANSMISSION TIME

11.9.1. Test Result

TestMode	Channel	CCT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11AC80MIMO	5530	200+6.5	200+60	433.9	10000	PASS

11.9.2. Test Graphs

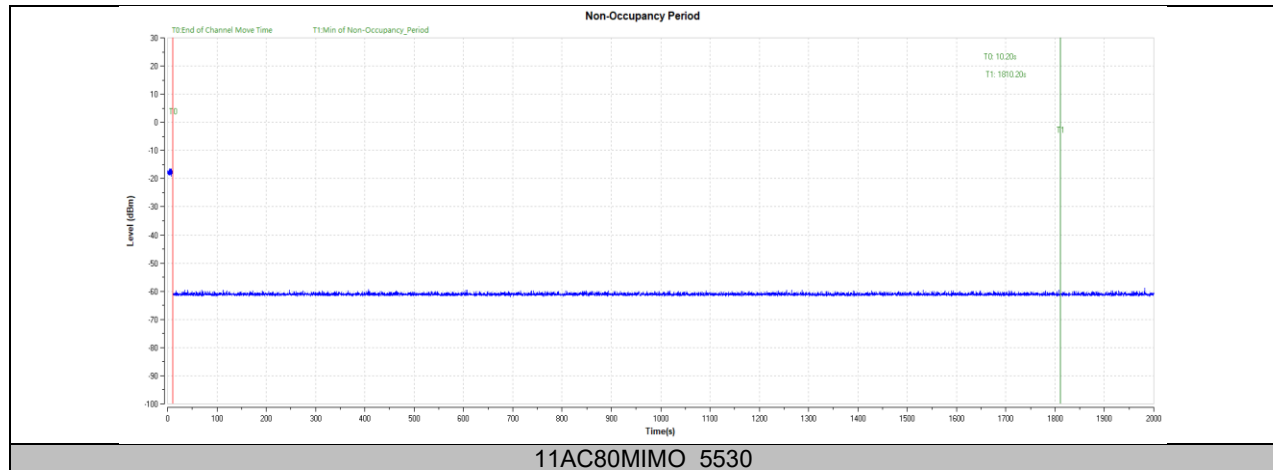


11.10. APPENDIX J: NON-OCCUPANCY PERIOD

11.10.1. Test Result

TestMode	Channel	Result	Limit[s]	Verdict
11AC80MIMO	5530	see test graph	≥ 1800	PASS

11.10.2. Test Graphs



END OF REPORT