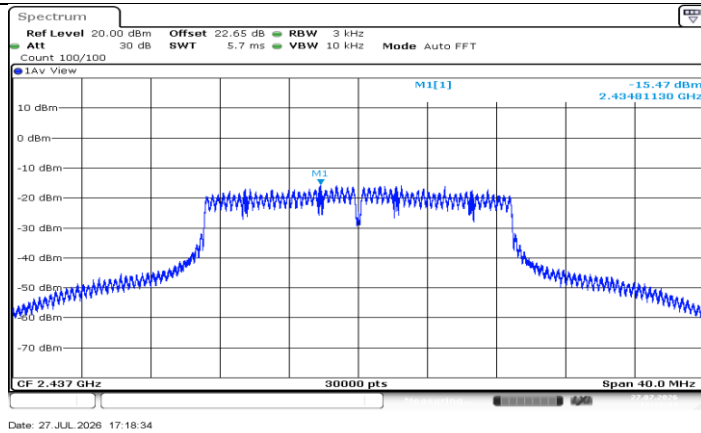
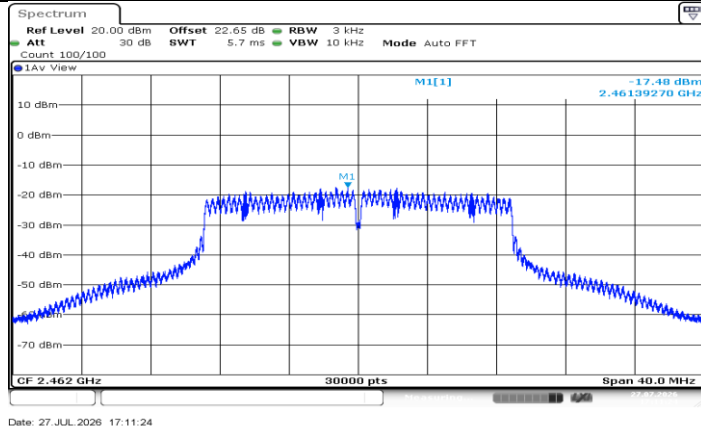
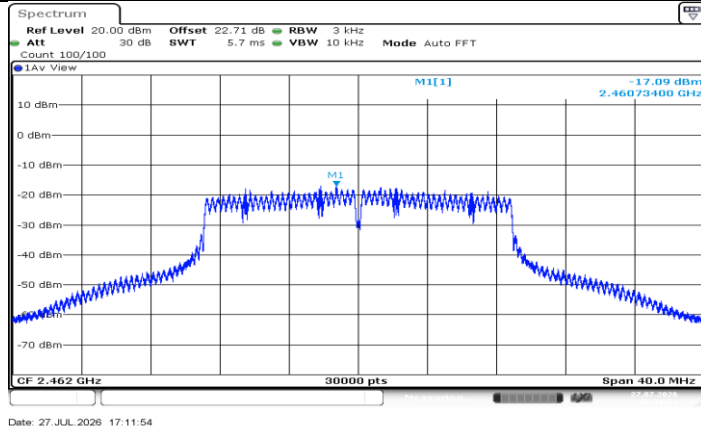




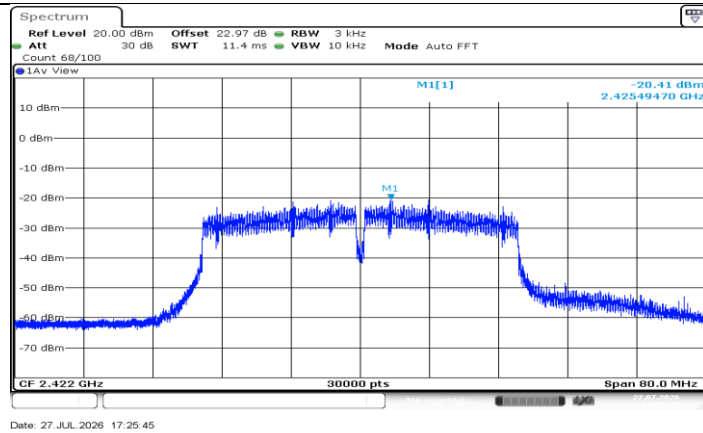
11N20MIMO_Ant2_2437



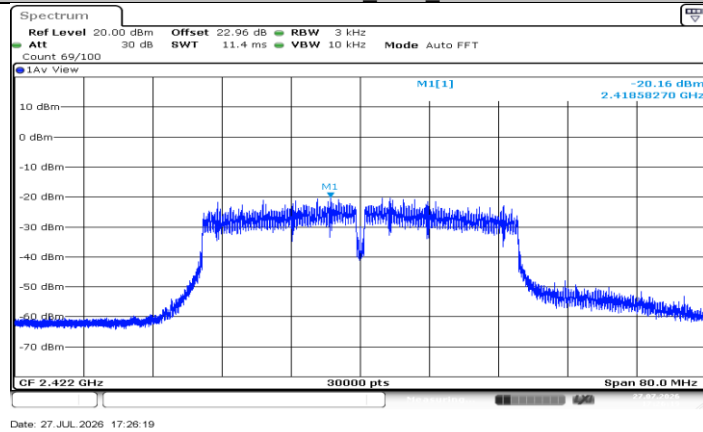
11N20MIMO_Ant1_2462



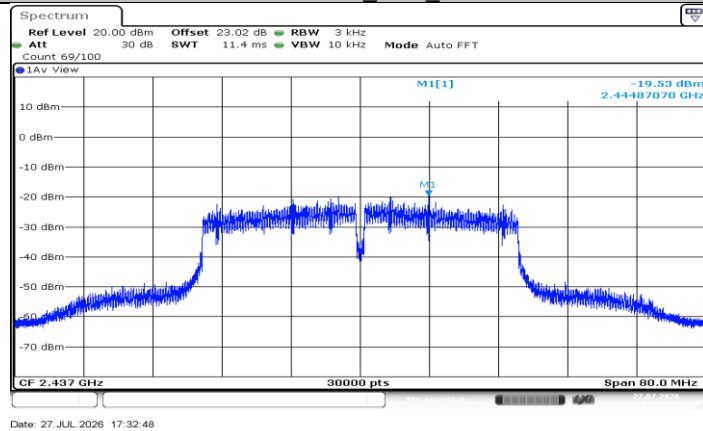
11N20MIMO_Ant2_2462



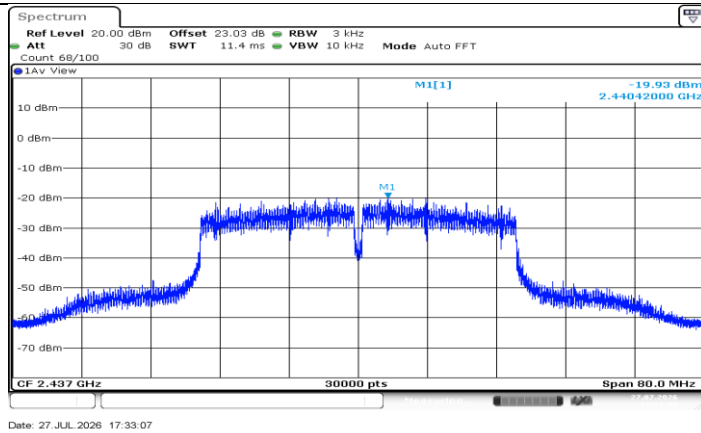
11N40MIMO_Ant1_2422



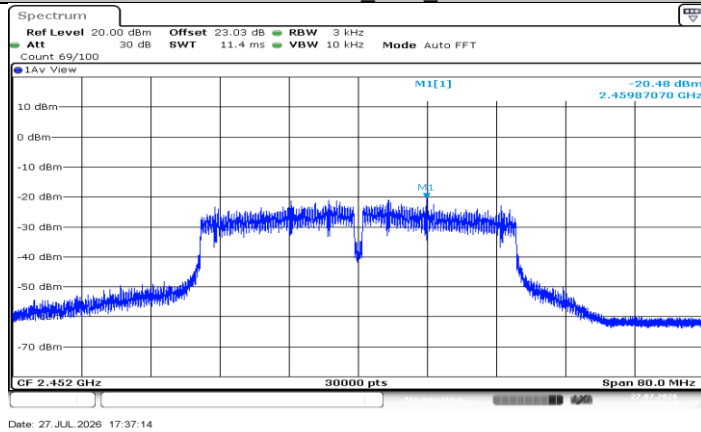
11N40MIMO_Ant2_2422



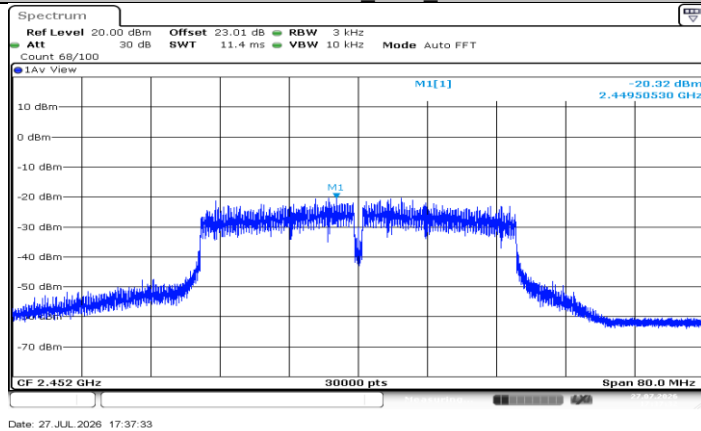
11N40MIMO_Ant1_2437



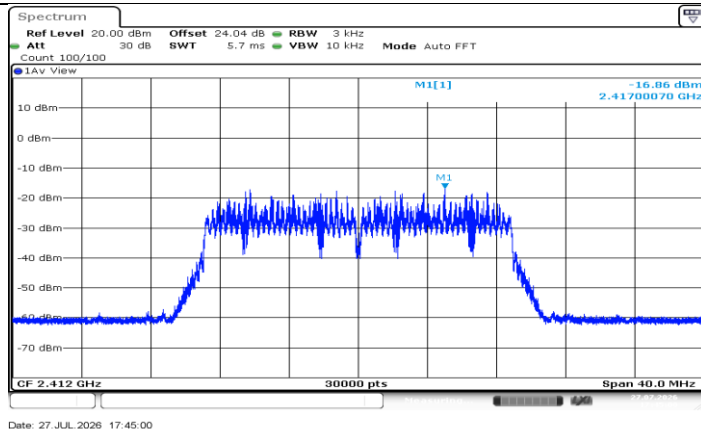
11N40MIMO_Ant2_2437



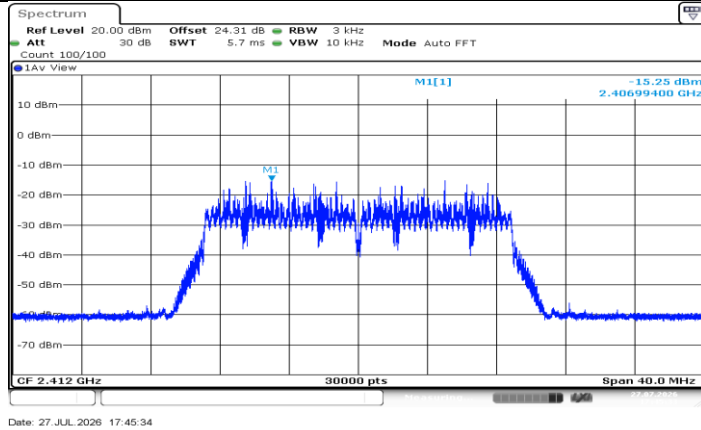
11N40MIMO_Ant1_2452



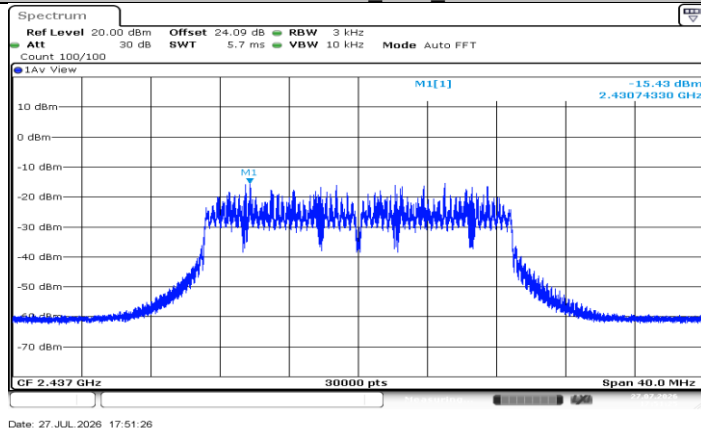
11N40MIMO_Ant2_2452



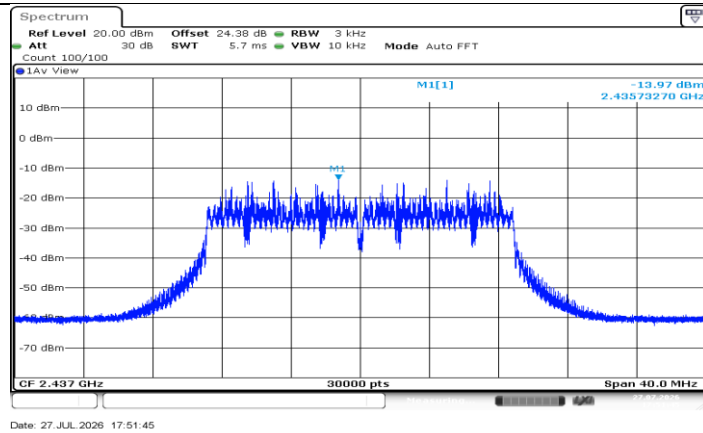
11AX20MIMO_Ant1_2412



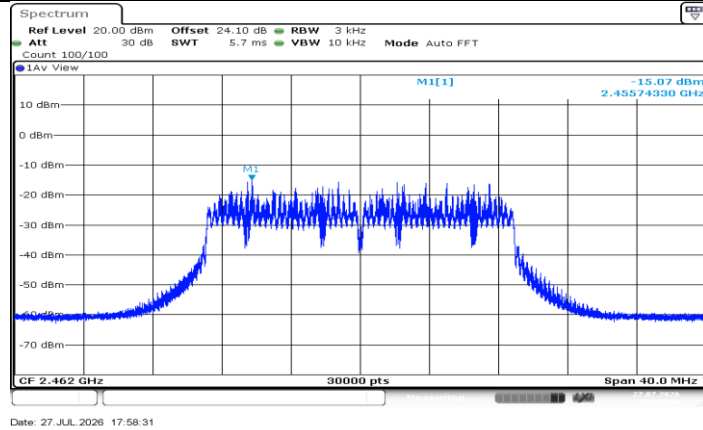
11AX20MIMO_Ant2_2412



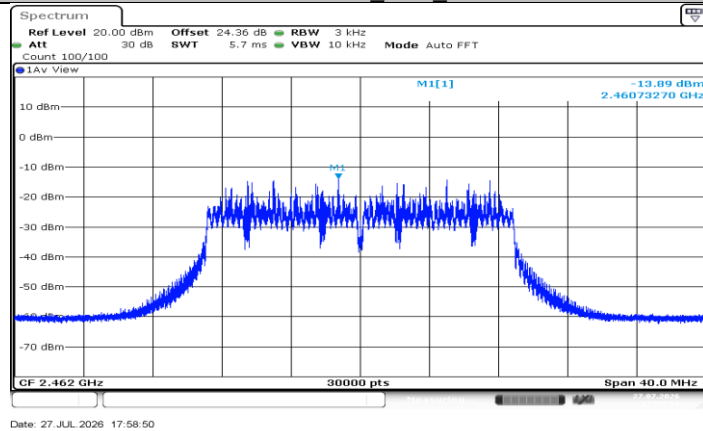
11AX20MIMO_Ant1_2437



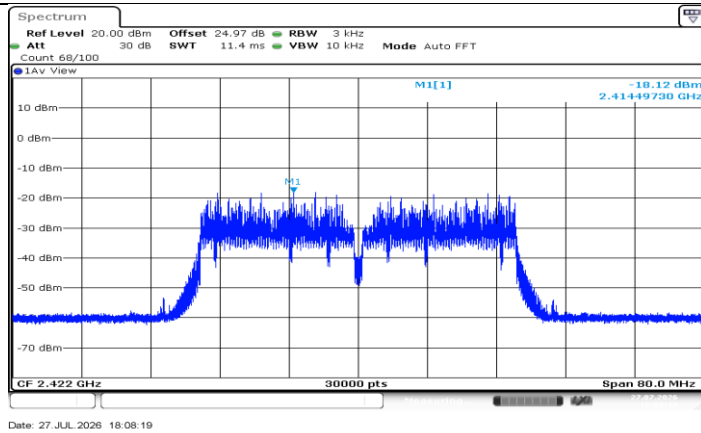
11AX20MIMO_Ant2_2437



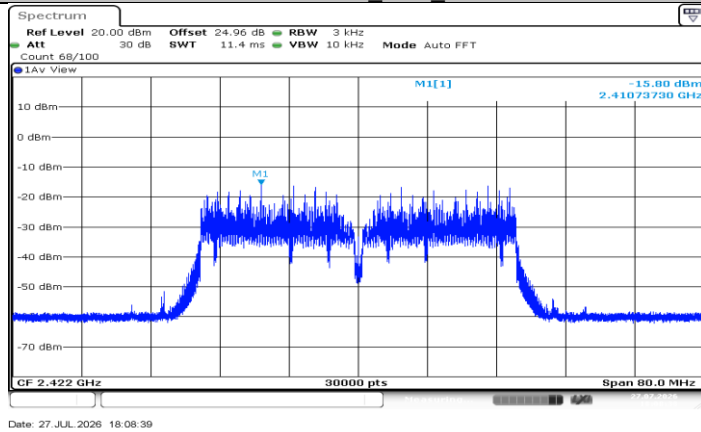
11AX20MIMO_Ant1_2462



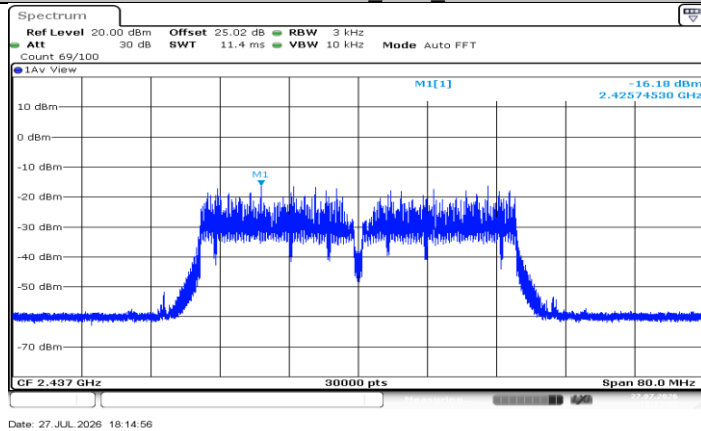
11AX20MIMO_Ant2_2462



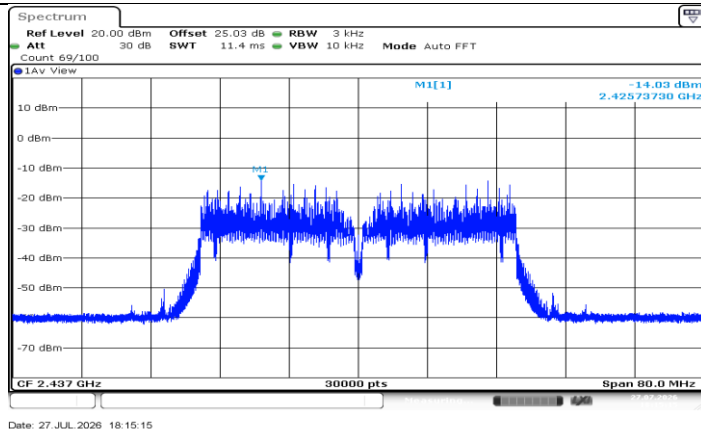
11AX40MIMO_Ant1_2422



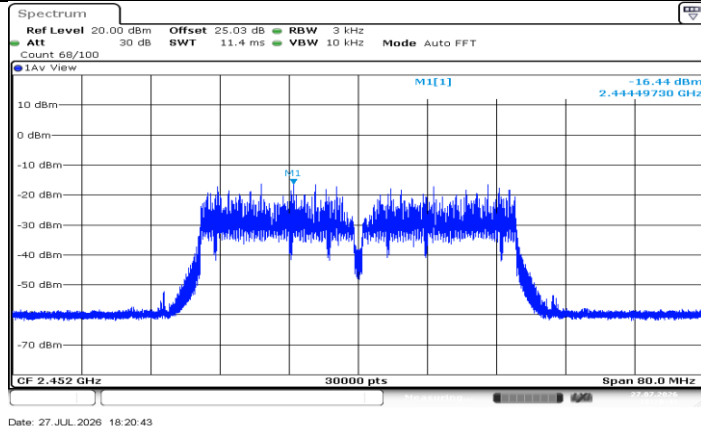
11AX40MIMO_Ant2_2422



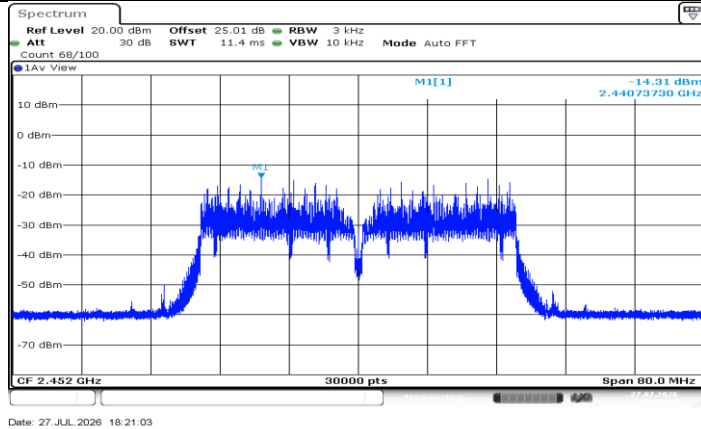
11AX40MIMO_Ant1_2437



11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452



11AX40MIMO_Ant2_2452

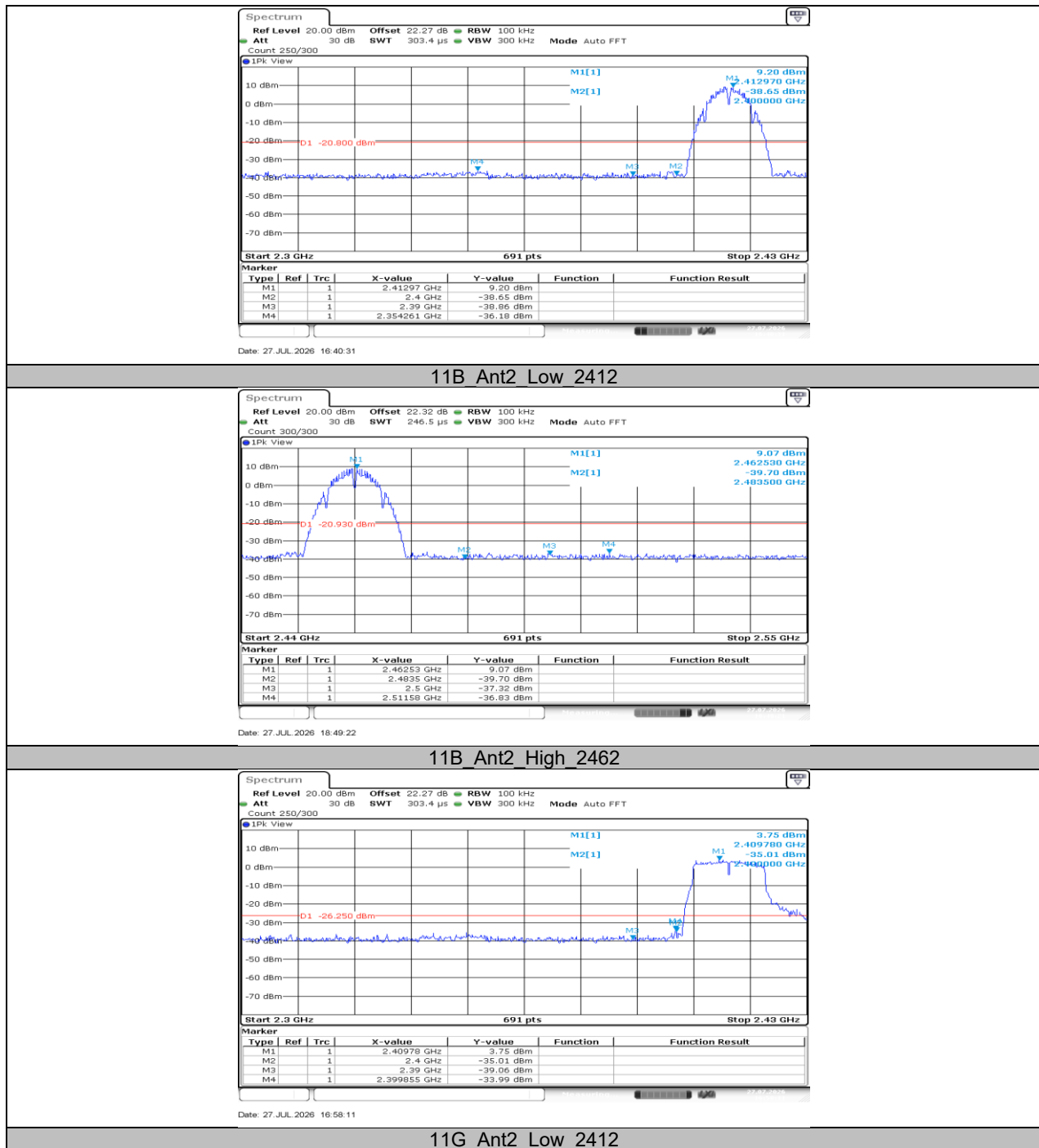
11.5. APPENDIX E: BAND EDGE MEASUREMENTS

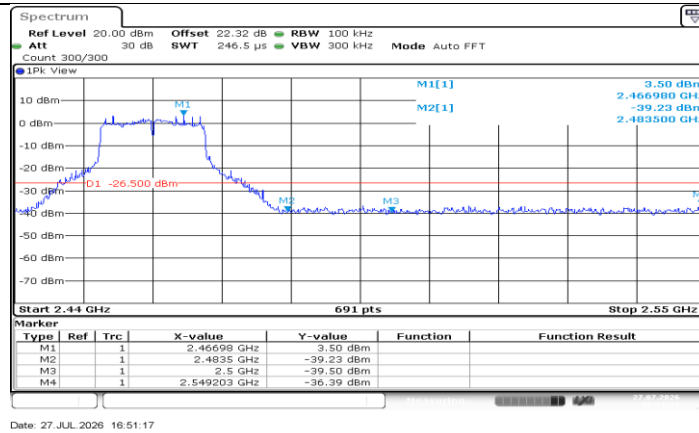
11.5.1. Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant2	Low	2412	9.20	-36.18	≤-20.8	PASS
		High	2462	9.07	-36.83	≤-20.93	PASS
11G	Ant2	Low	2412	3.75	-33.99	≤-26.25	PASS
		High	2462	3.50	-36.39	≤-26.5	PASS
11N20MIMO	Ant2	Low	2412	6.56	-34.35	≤-23.44	PASS
		High	2462	5.15	-37.14	≤-24.85	PASS
11N40MIMO	Ant2	Low	2422	1.04	-34.52	≤-28.96	PASS
		High	2452	0.67	-36.15	≤-29.33	PASS
11AX20MIMO	Ant2	Low	2412	-0.36	-36.01	≤-30.36	PASS
		High	2462	0.77	-36.66	≤-29.23	PASS
11AX40MIMO	Ant2	Low	2422	-3.23	-35.78	≤-33.23	PASS
		High	2452	-1.77	-35.79	≤-31.77	PASS

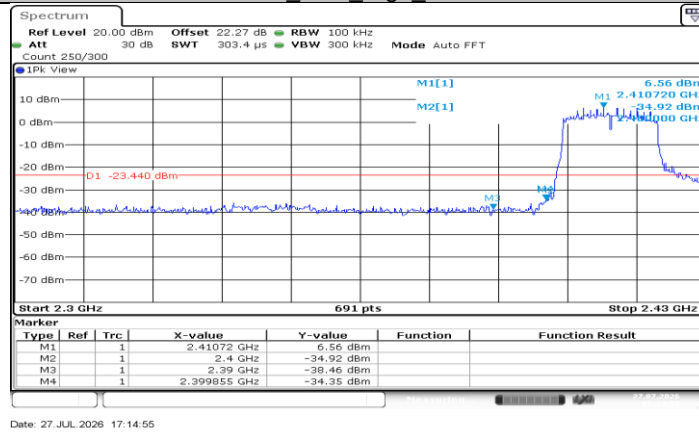
Note: All the modes have been tested, only the worst data was recorded in the report.

11.5.2. Test Graphs

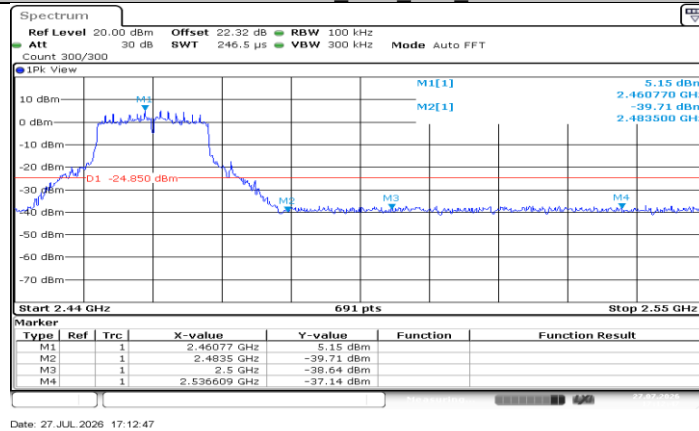




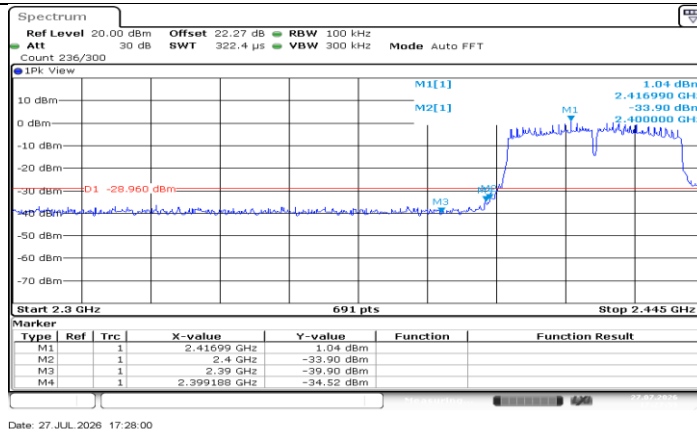
11G_Ant2_High_2462



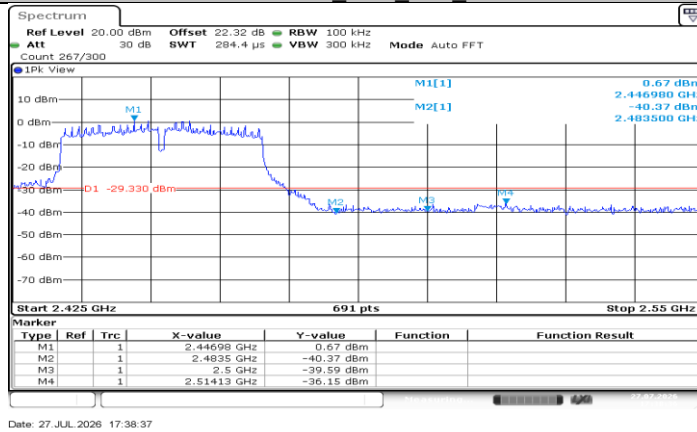
11N20MIMO_Ant2_Low_2412



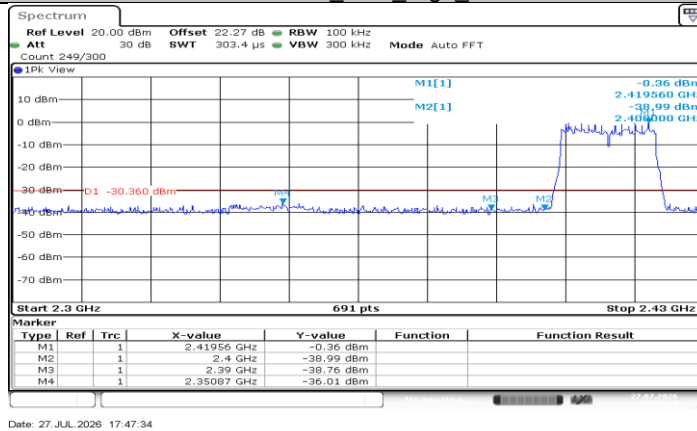
11N20MIMO_Ant2_High_2462



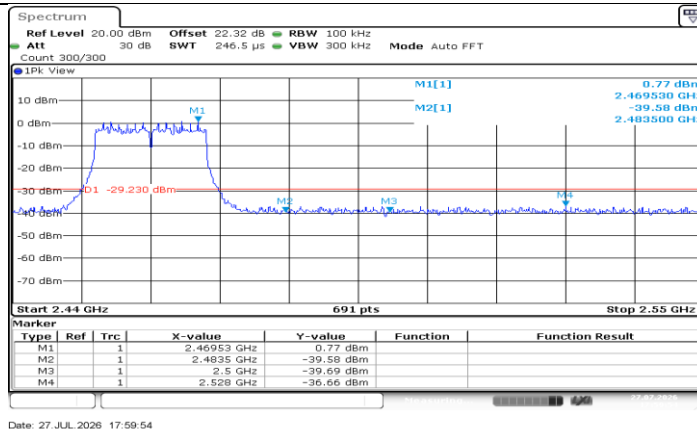
11N40MIMO_Ant2_Low_2422



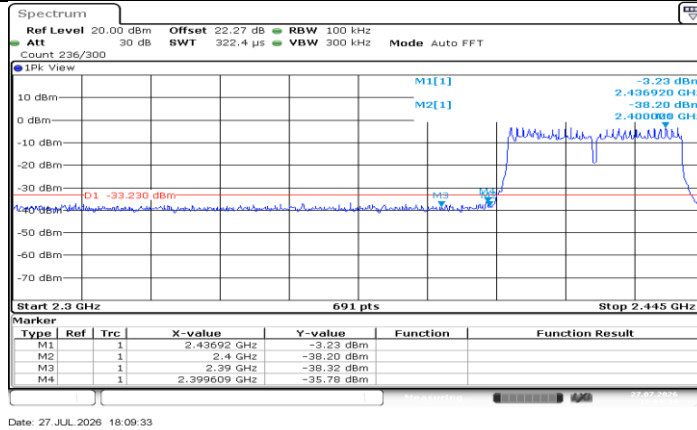
11N40MIMO_Ant2_High_2452



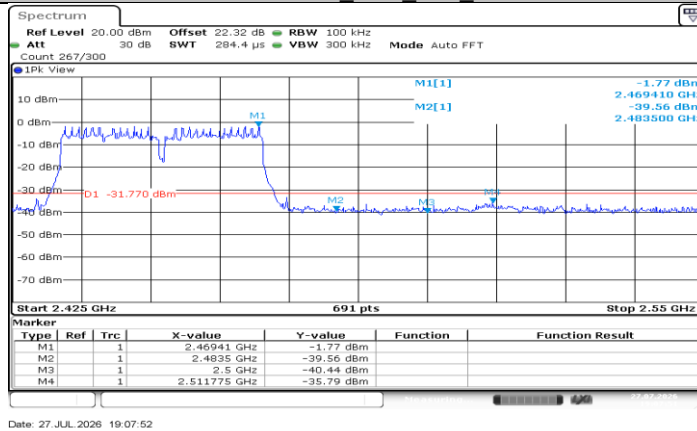
11AX20MIMO_Ant2_Low_2412



11AX20MIMO_Ant2_High_2462



11AX40MIMO_Ant2_Low_2422



11AX40MIMO_Ant2_High_2452

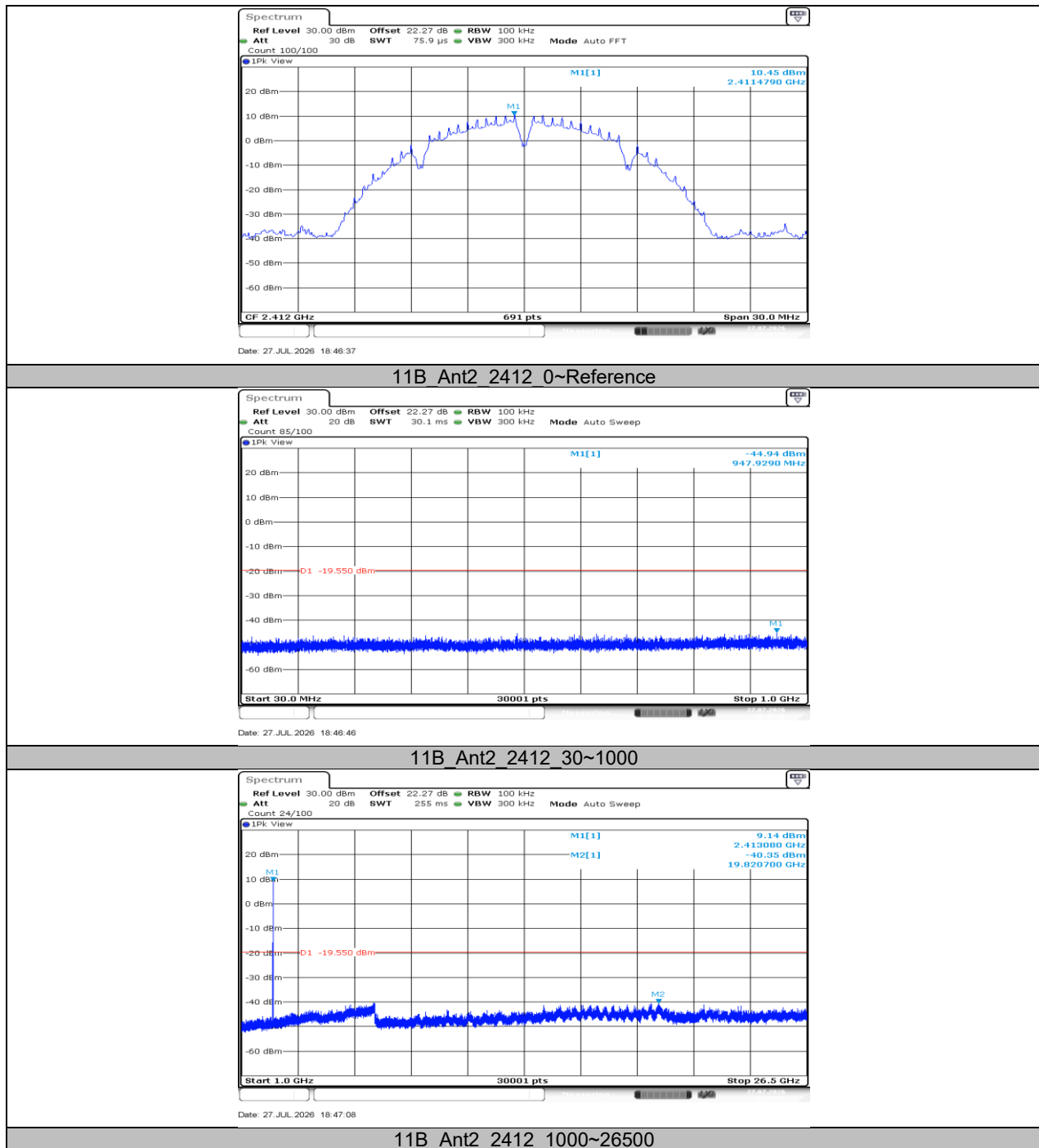
11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

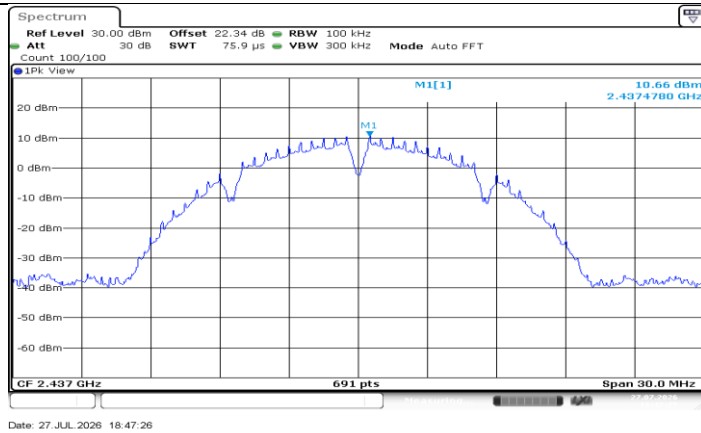
11.6.1. Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	Reference	10.45	---	PASS
			30~1000	-44.94	≤-19.55	PASS
			1000~26500	-40.35	≤-19.55	PASS
		2437	Reference	10.66	---	PASS
			30~1000	-44.89	≤-19.34	PASS
			1000~26500	-40.5	≤-19.34	PASS
		2462	Reference	9.44	---	PASS
			30~1000	-44.44	≤-20.56	PASS
			1000~26500	-40.35	≤-20.56	PASS
11G	Ant2	2412	Reference	6.67	---	PASS
			30~1000	-45.11	≤-23.33	PASS
			1000~26500	-40.02	≤-23.33	PASS
		2437	Reference	6.05	---	PASS
			30~1000	-44.69	≤-23.95	PASS
			1000~26500	-40.38	≤-23.95	PASS
		2462	Reference	4.74	---	PASS
			30~1000	-45.39	≤-25.26	PASS
			1000~26500	-40.28	≤-25.26	PASS
11N20MIMO	Ant2	2412	Reference	6.56	---	PASS
			30~1000	-45.23	≤-23.44	PASS
			1000~26500	-40.51	≤-23.44	PASS
		2437	Reference	7.34	---	PASS
			30~1000	-45.15	≤-22.66	PASS
			1000~26500	-39.5	≤-22.66	PASS
		2462	Reference	5.54	---	PASS
			30~1000	-45.53	≤-24.46	PASS
			1000~26500	-39	≤-24.46	PASS
11N40MIMO	Ant2	2422	Reference	1.26	---	PASS
			30~1000	-45.14	≤-28.74	PASS
			1000~26500	-40.67	≤-28.74	PASS
		2437	Reference	1.66	---	PASS
			30~1000	-45.01	≤-28.34	PASS
			1000~26500	-40.12	≤-28.34	PASS
		2452	Reference	1.05	---	PASS
			30~1000	-45.28	≤-28.95	PASS
			1000~26500	-39.9	≤-28.95	PASS
11AX20MIMO	Ant2	2412	Reference	-0.15	---	PASS
			30~1000	-45.15	≤-30.15	PASS
			1000~26500	-39.75	≤-30.15	PASS
		2437	Reference	0.77	---	PASS
			30~1000	-45.3	≤-29.23	PASS
			1000~26500	-39.45	≤-29.23	PASS
		2462	Reference	1.08	---	PASS
			30~1000	-44.89	≤-28.92	PASS
			1000~26500	-39.56	≤-28.92	PASS
11AX40MIMO	Ant2	2422	Reference	-2.97	---	PASS
			30~1000	-45.15	≤-32.97	PASS
			1000~26500	-39.75	≤-32.97	PASS
		2437	Reference	-1.59	---	PASS
			30~1000	-44.88	≤-31.59	PASS
			1000~26500	-39.65	≤-31.59	PASS
		2452	Reference	-1.68	---	PASS
			30~1000	-45.02	≤-31.68	PASS
			1000~26500	-39.45	≤-31.68	PASS

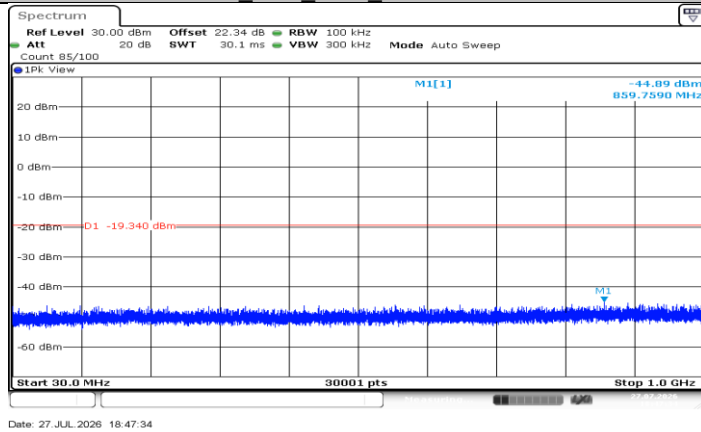
Note: All the modes have been tested, only the worst data was recorded in the report.

11.6.2. Test Graphs

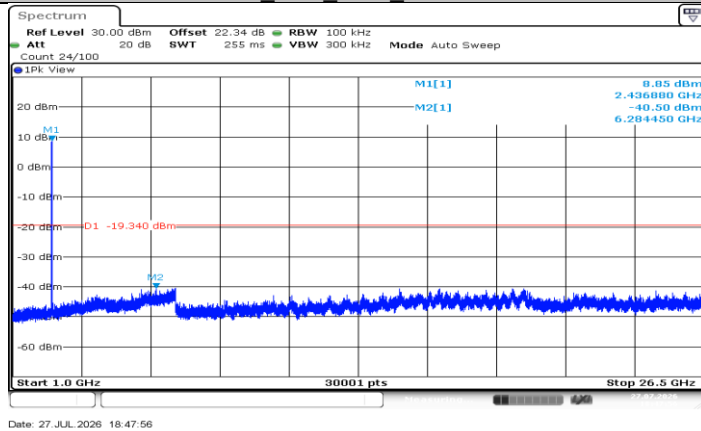




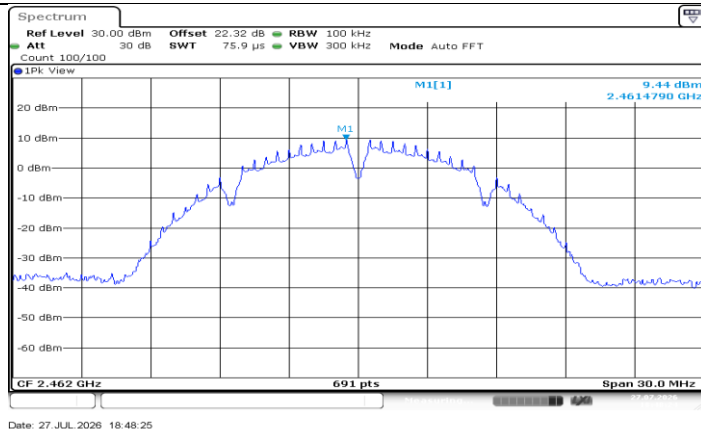
11B_Ant2_2437_0~Reference



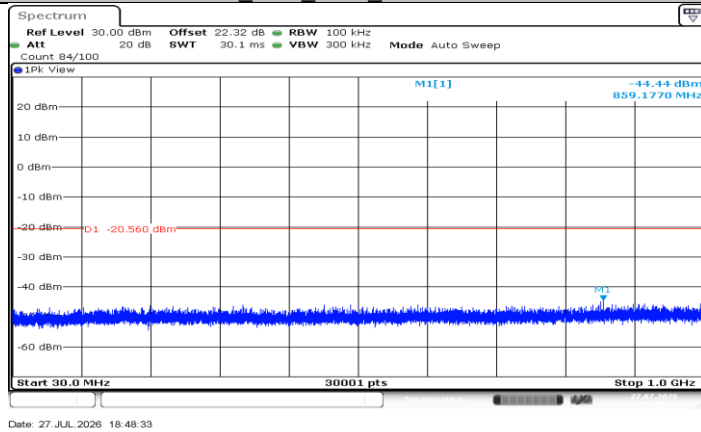
11B_Ant2_2437_30~1000



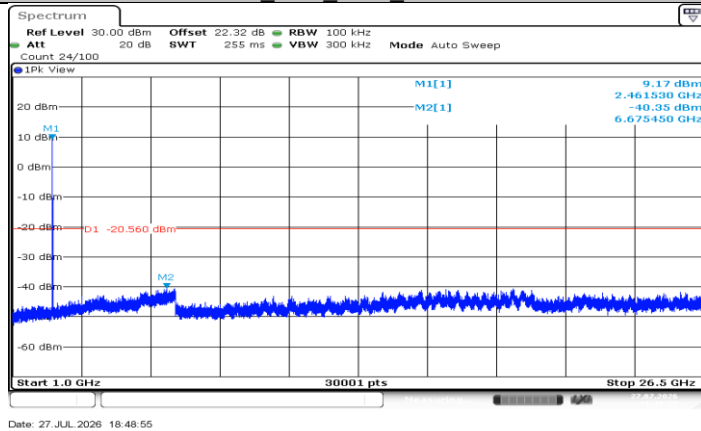
11B_Ant2_2437_1000~26500



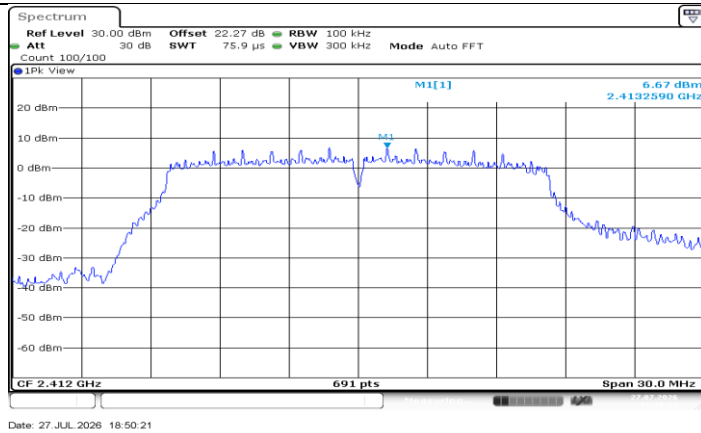
11B_Ant2_2462_0~Reference



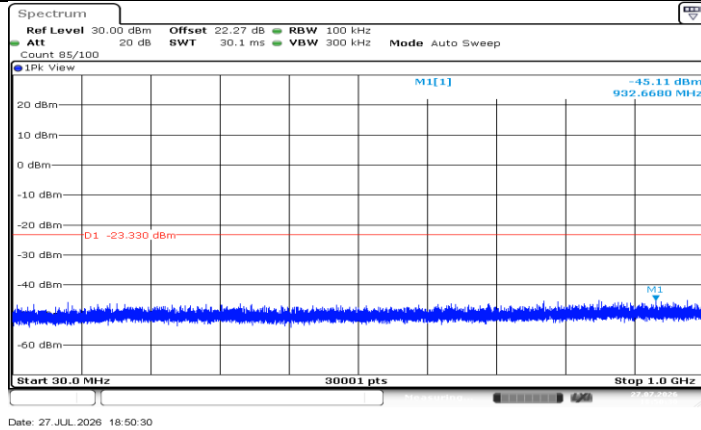
11B_Ant2_2462_30~1000



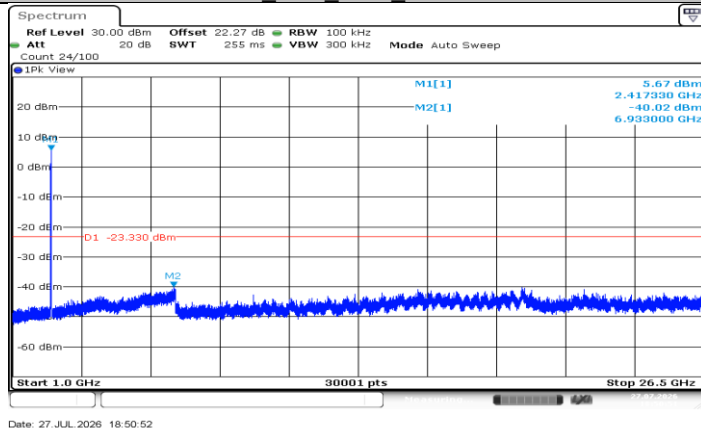
11B_Ant2_2462_1000~26500



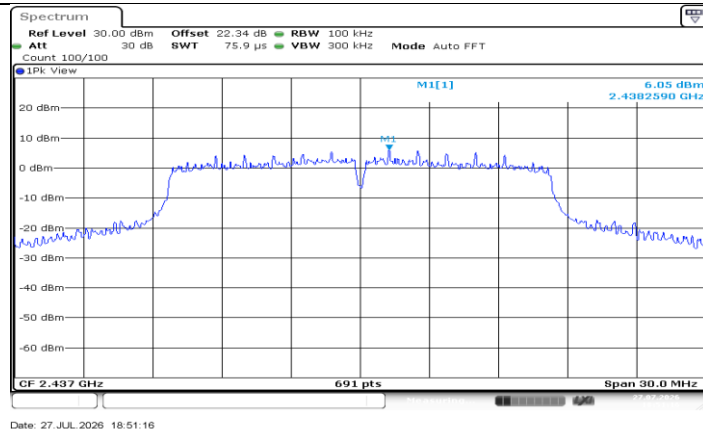
11G_Ant2_2412_0~Reference



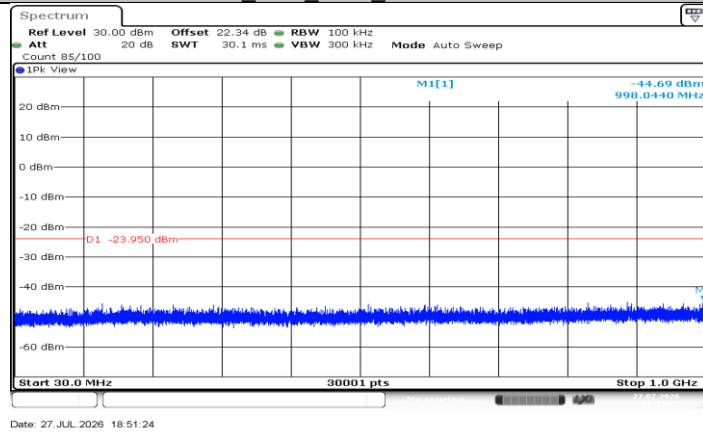
11G_Ant2_2412_30~1000



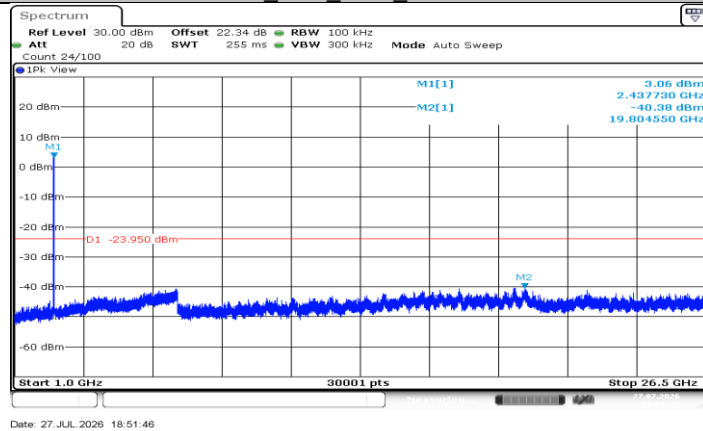
11G_Ant2_2412_1000~26500



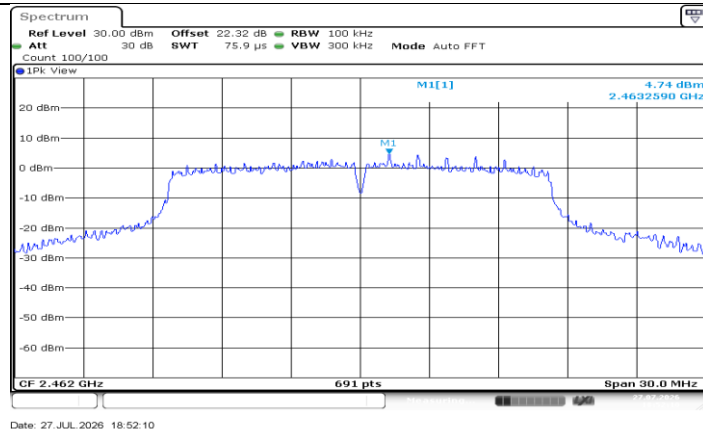
11G_Ant2_2437_0~Reference



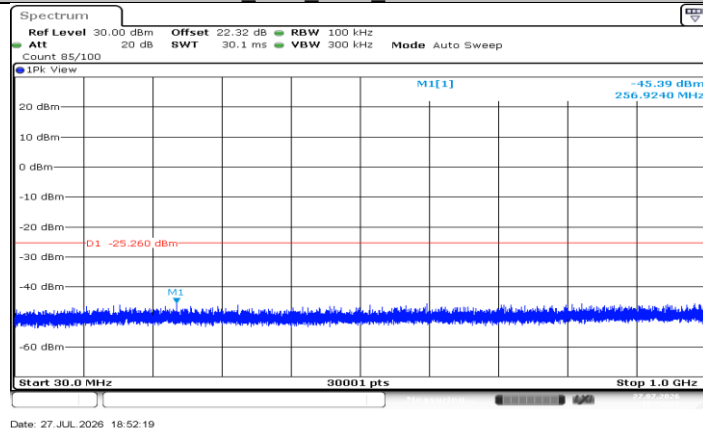
11G_Ant2_2437_30~1000



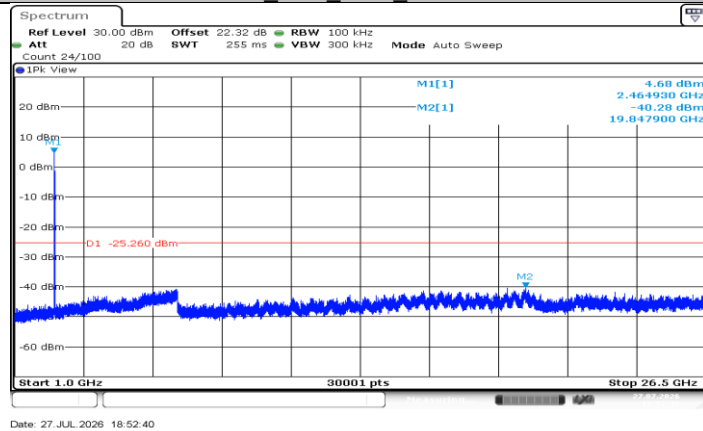
11G_Ant2_2437_1000~26500



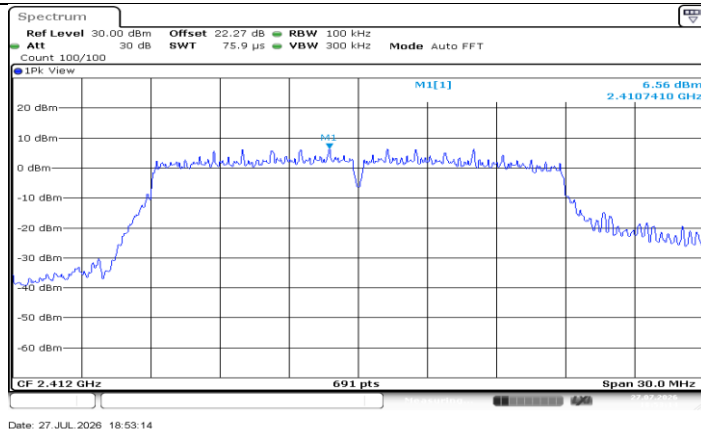
11G_Ant2_2462_0~Reference



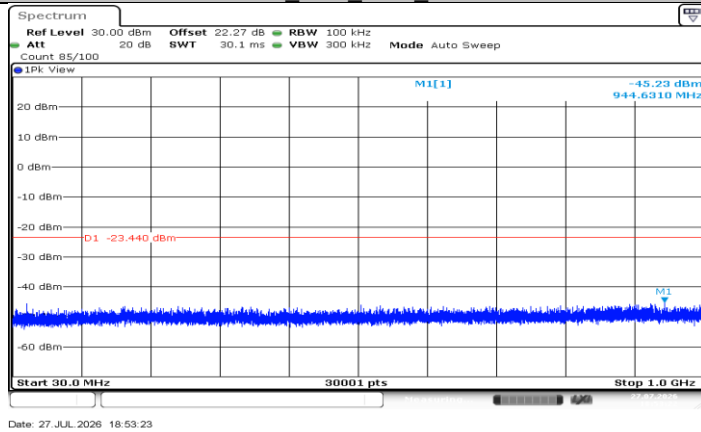
11G_Ant2_2462_30~1000



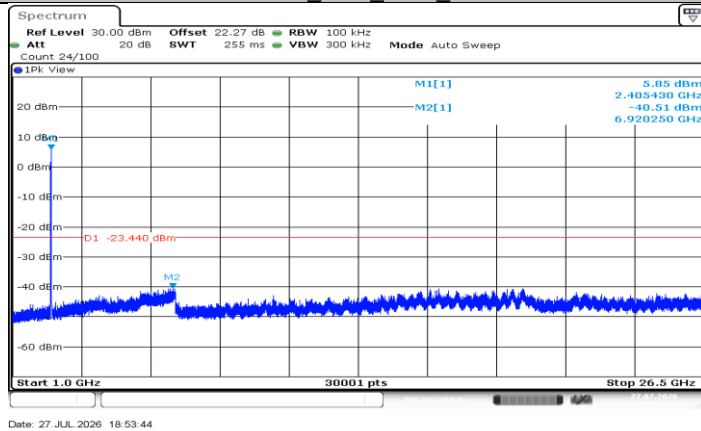
11G_Ant2_2462_1000~26500



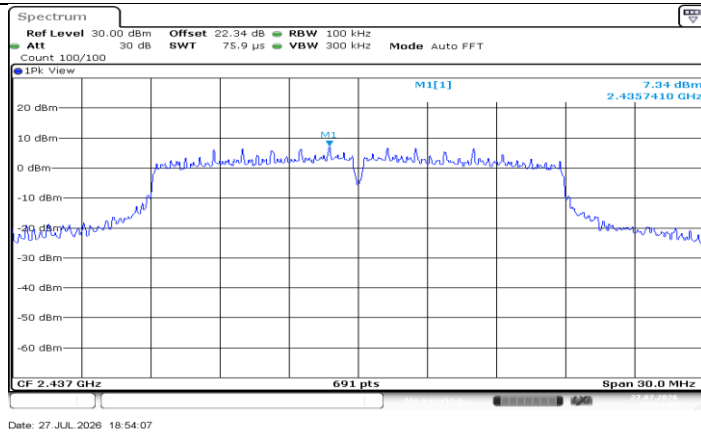
11N20MIMO_Ant2_2412_0~Reference



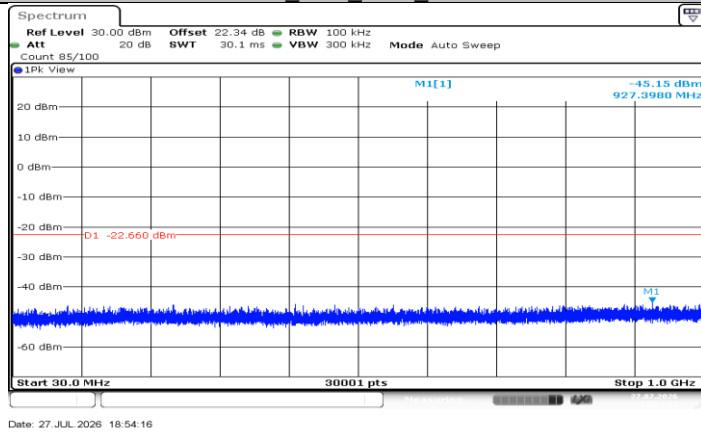
11N20MIMO_Ant2_2412_30~1000



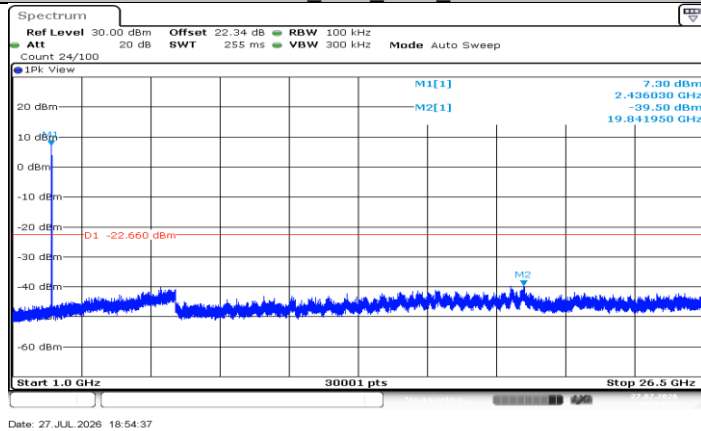
11N20MIMO_Ant2_2412_1000~26500



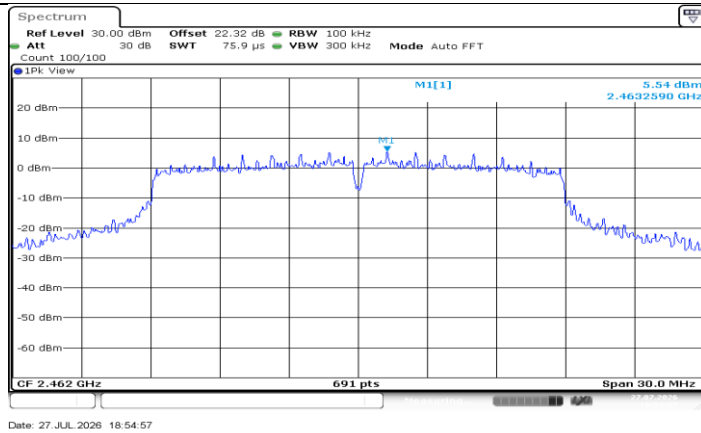
11N20MIMO_Ant2_2437_0~Reference



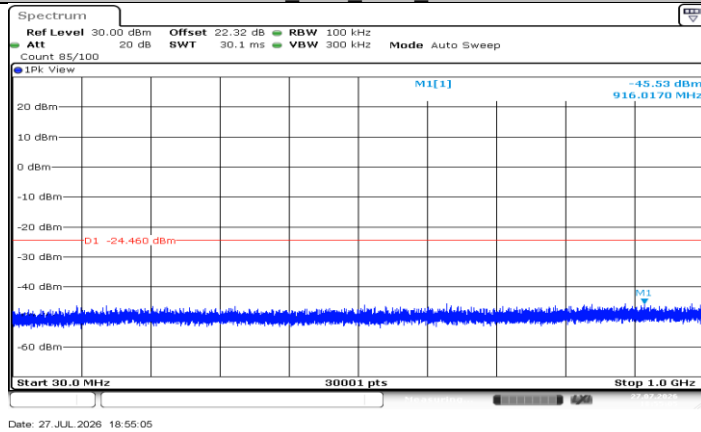
11N20MIMO_Ant2_2437_30~1000



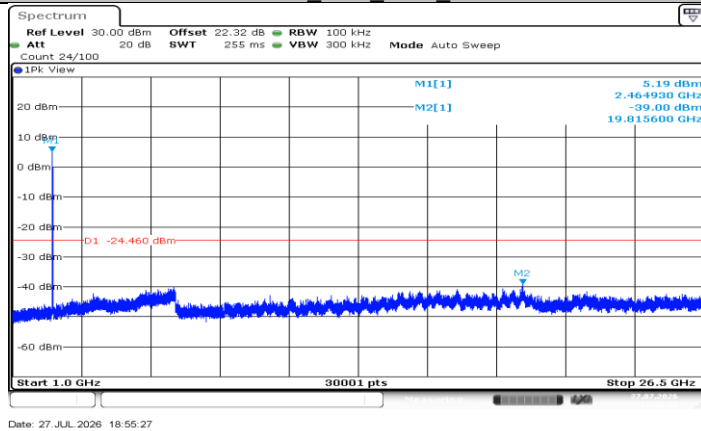
11N20MIMO_Ant2_2437_1000~26500



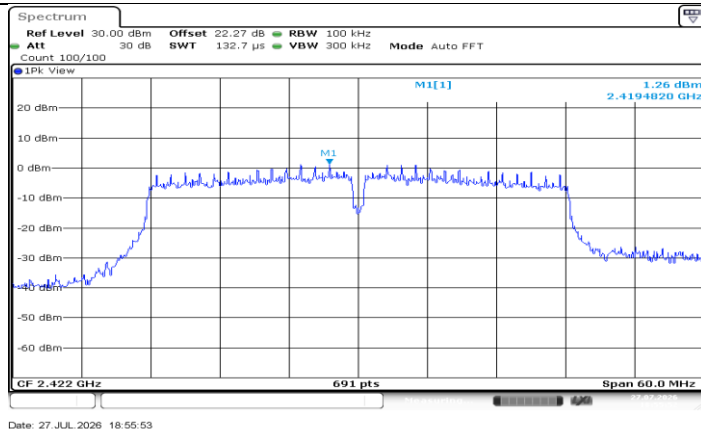
11N20MIMO_Ant2_2462_0~Reference



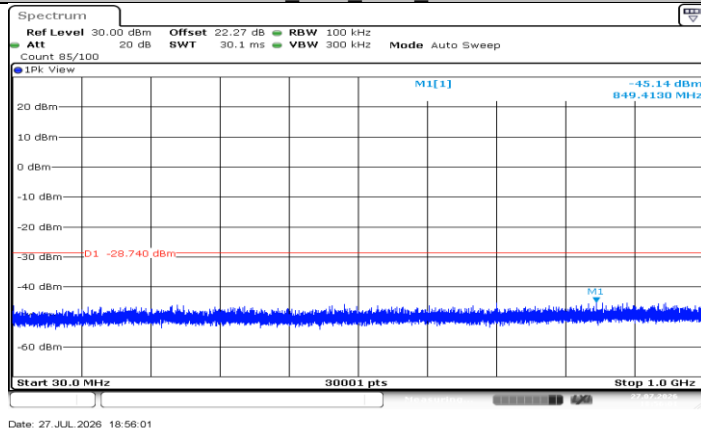
11N20MIMO_Ant2_2462_30~1000



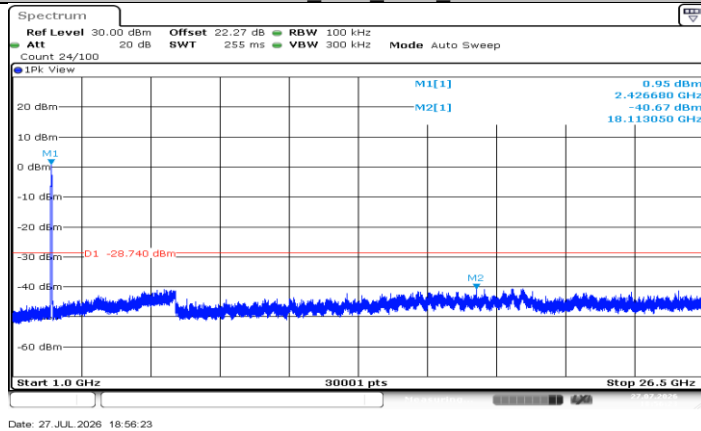
11N20MIMO_Ant2_2462_1000~26500



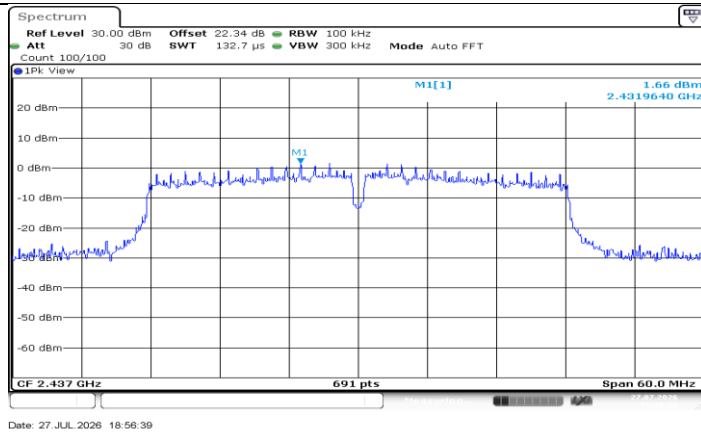
11N40MIMO_Ant2_2422_0~Reference



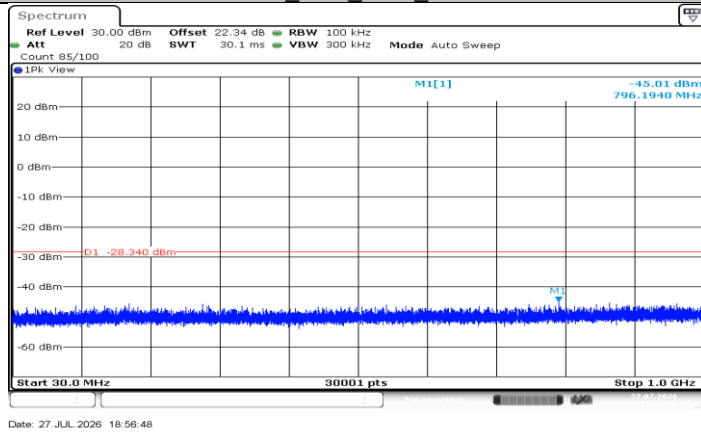
11N40MIMO_Ant2_2422_30~1000



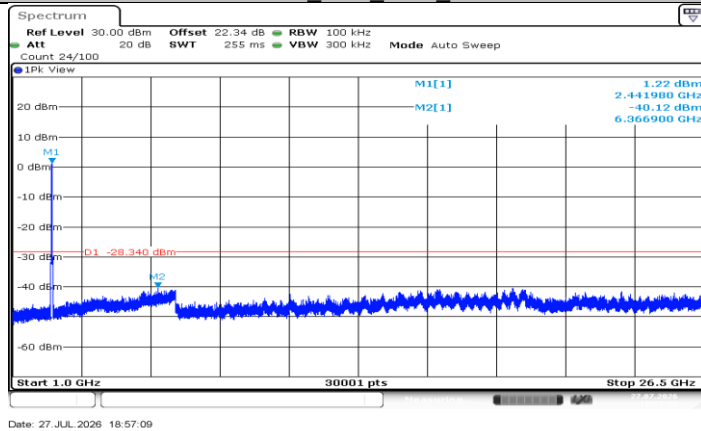
11N40MIMO_Ant2_2422_1000~26500



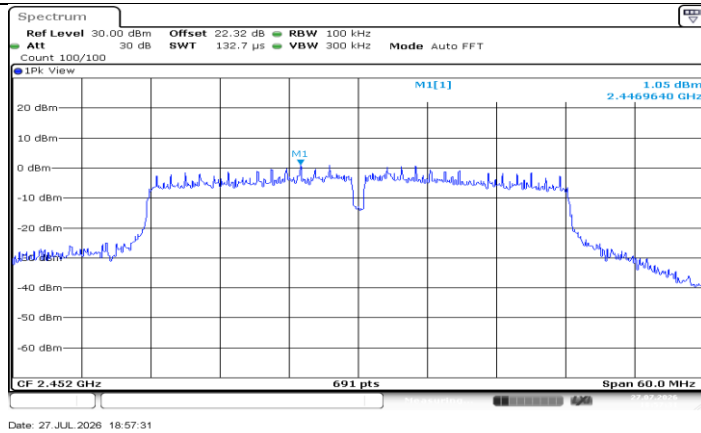
11N40MIMO_Ant2_2437_0~Reference



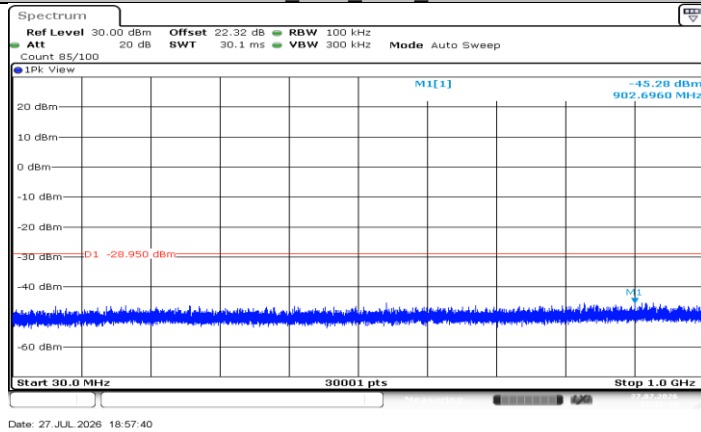
11N40MIMO_Ant2_2437_30~1000



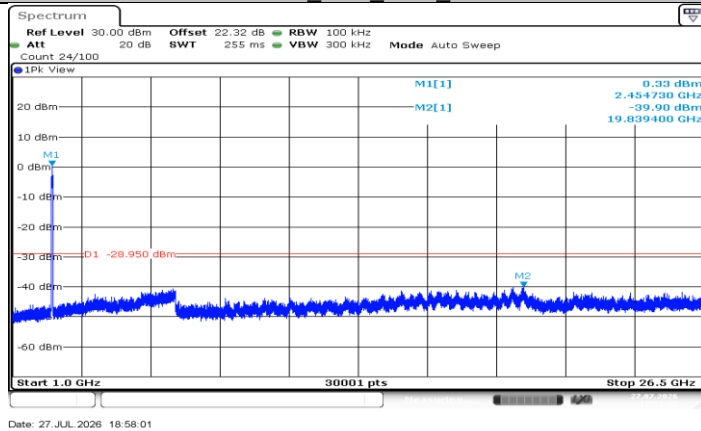
11N40MIMO_Ant2_2437_1000~26500



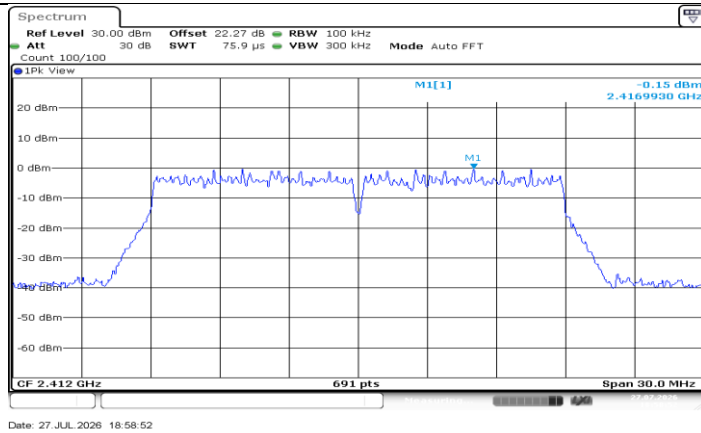
11N40MIMO_Ant2_2452_0~Reference



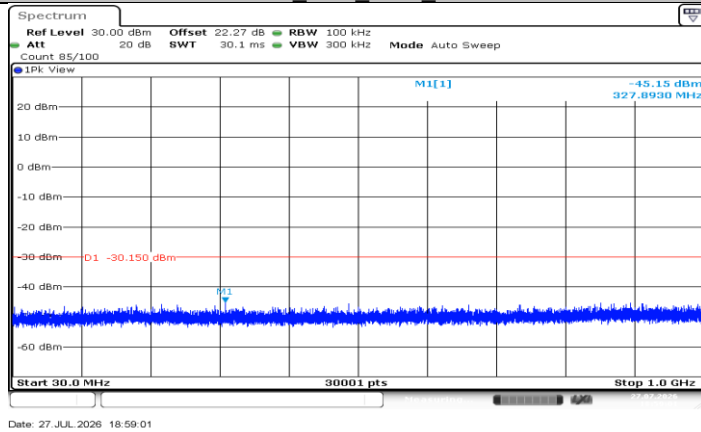
11N40MIMO_Ant2_2452_30~1000



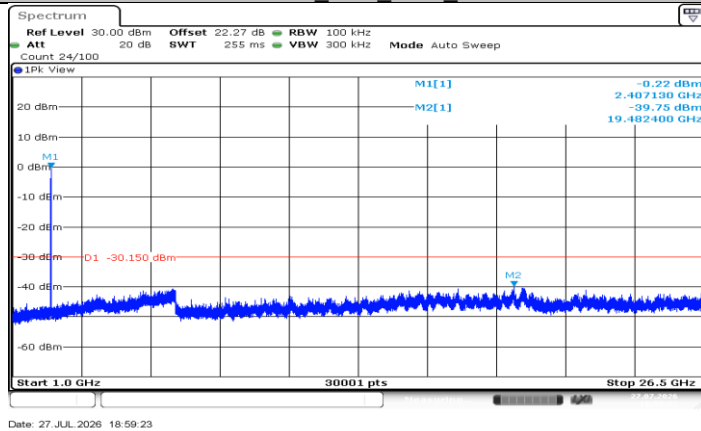
11N40MIMO_Ant2_2452_1000~26500



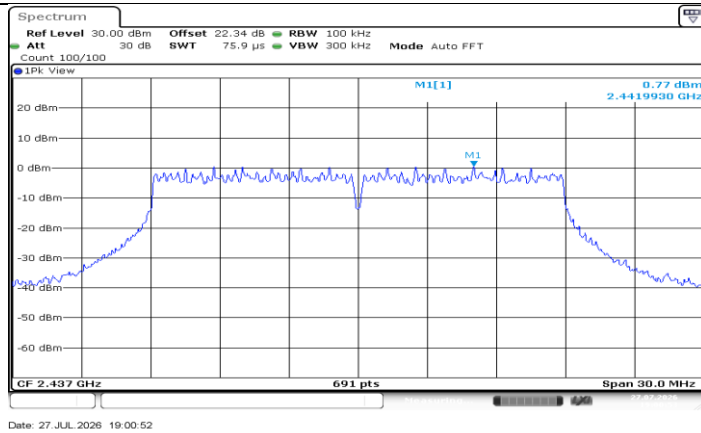
11AX20MIMO_Ant2_2412_0~Reference



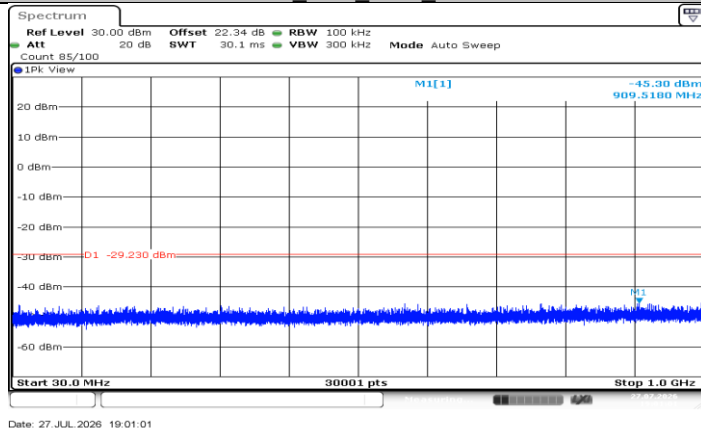
11AX20MIMO_Ant2_2412_30~1000



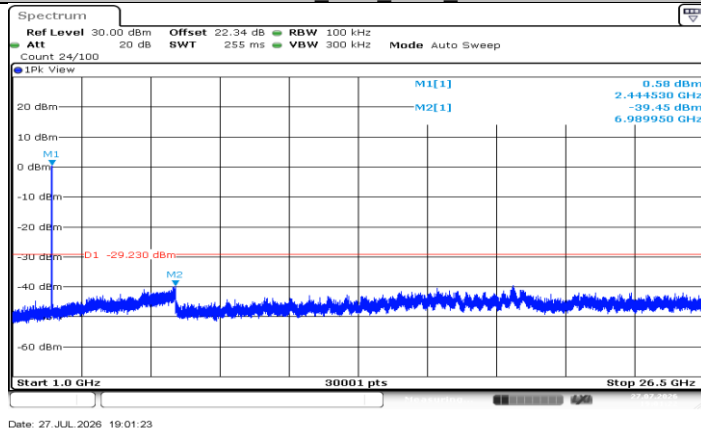
11AX20MIMO_Ant2_2412_1000~26500



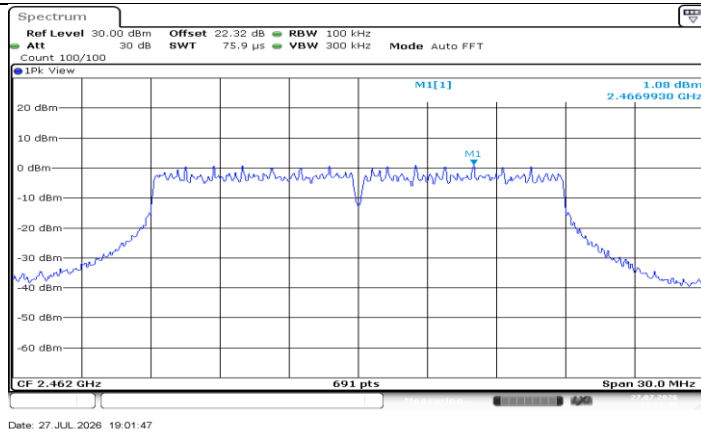
11AX20MIMO_Ant2_2437_0~Reference



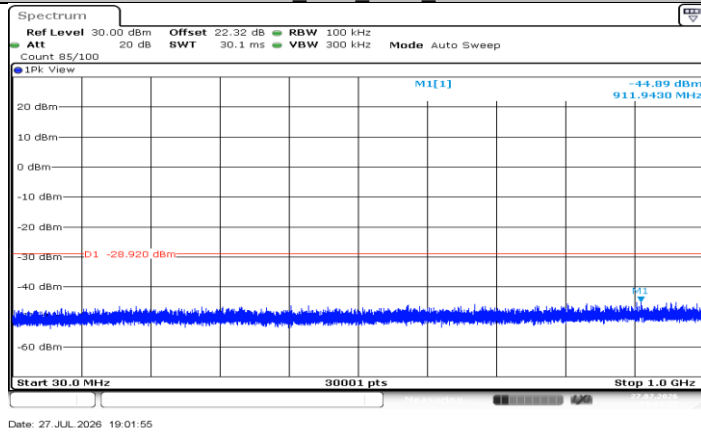
11AX20MIMO_Ant2_2437_30~1000



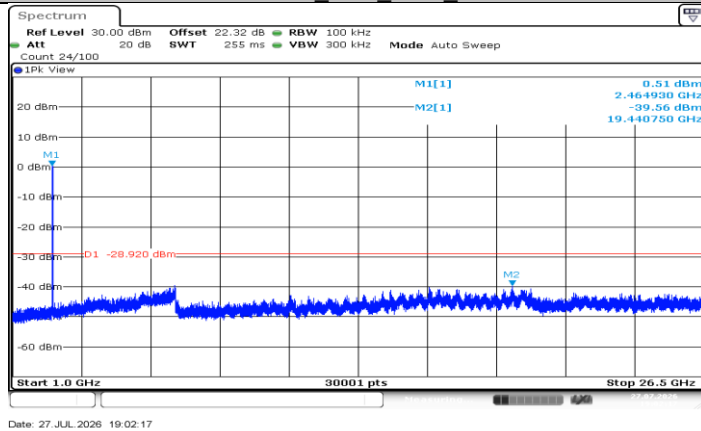
11AX20MIMO_Ant2_2437_1000~26500



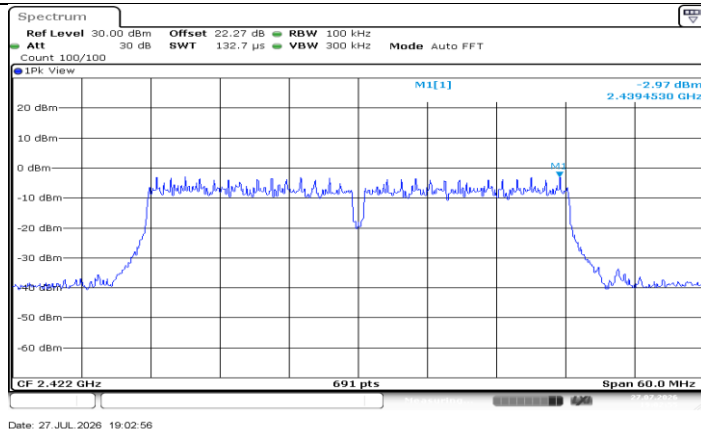
11AX20MIMO_Ant2_2462_0~Reference



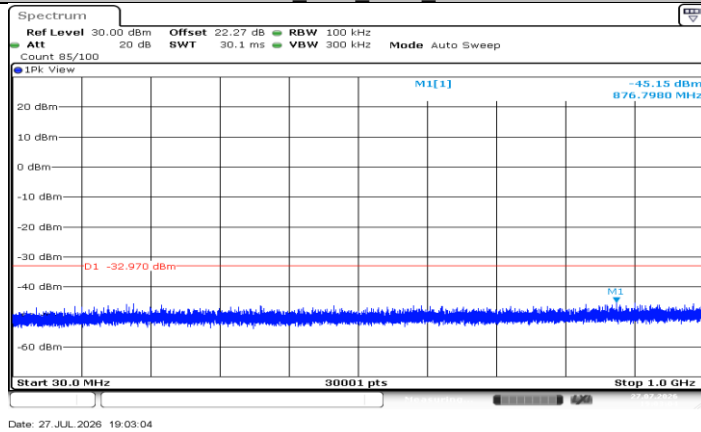
11AX20MIMO_Ant2_2462_30~1000



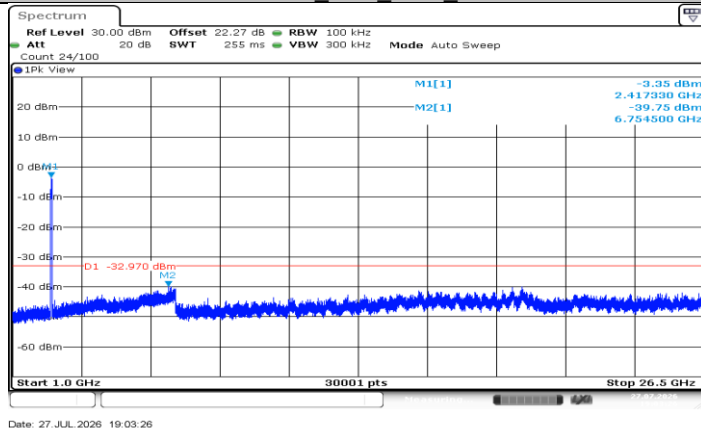
11AX20MIMO_Ant2_2462_1000~26500



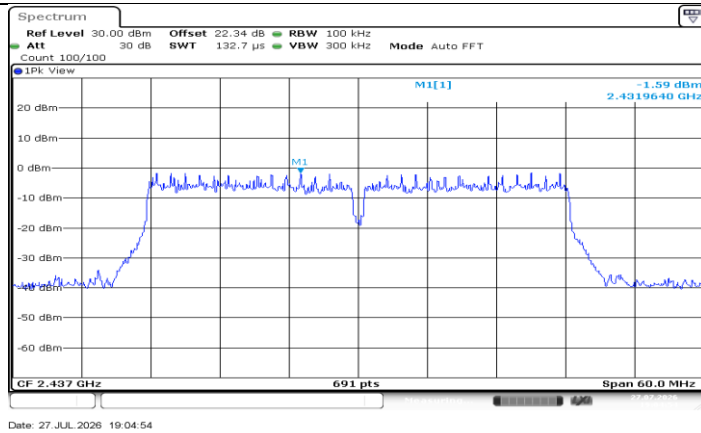
11AX40MIMO_Ant2_2422_0~Reference



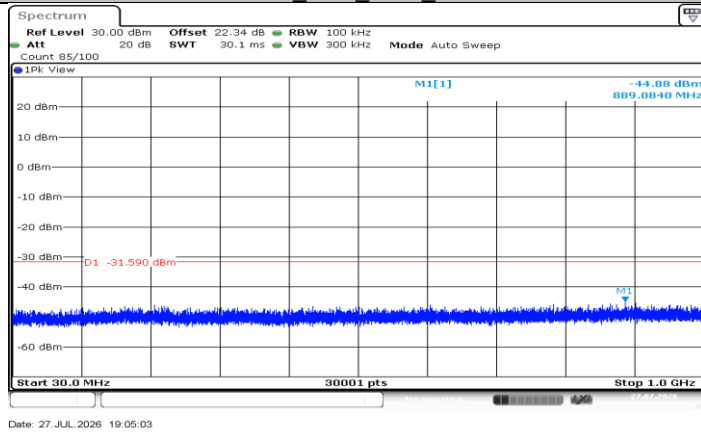
11AX40MIMO_Ant2_2422_30~1000



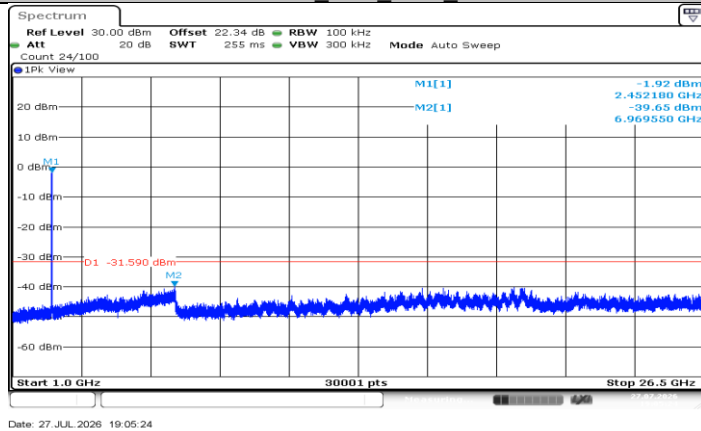
11AX40MIMO_Ant2_2422_1000~26500



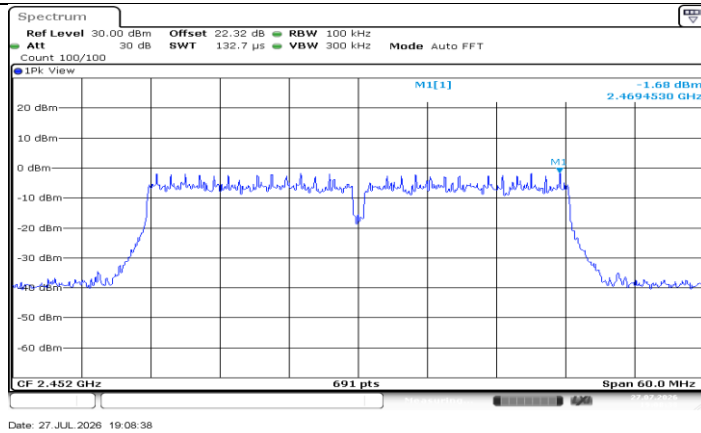
11AX40MIMO_Ant2_2437_0~Reference



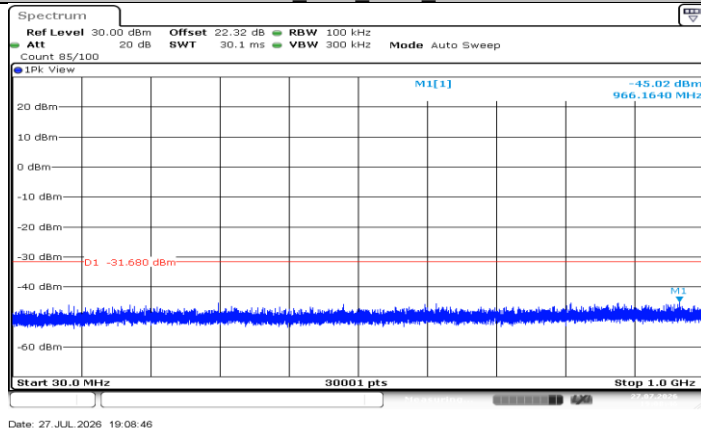
11AX40MIMO_Ant2_2437_30~1000



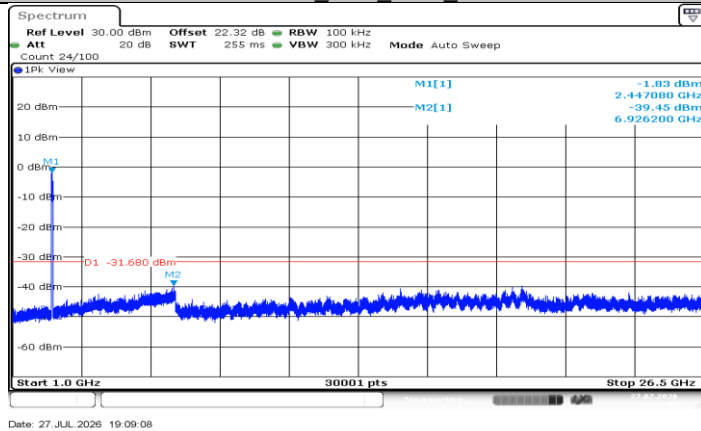
11AX40MIMO_Ant2_2437_1000~26500



11AX40MIMO_Ant2_2452_0~Reference



11AX40MIMO_Ant2_2452_30~1000



11AX40MIMO_Ant2_2452_1000~26500

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)
11B	8.4	8.47	0.9917	99.17	0.04	0.12	0.01
11G	1.39	1.44	0.9653	96.53	0.15	0.72	1
11N20MIMO	0.67	0.72	0.9306	93.06	0.31	1.49	2
11N40MIMO	0.35	0.41	0.8537	85.37	0.69	2.86	3
11AX20MIMO	0.1	0.15	0.6667	66.67	1.76	10.00	10
11AX40MIMO	0.07	0.13	0.5385	53.85	2.69	14.29	15

Note:

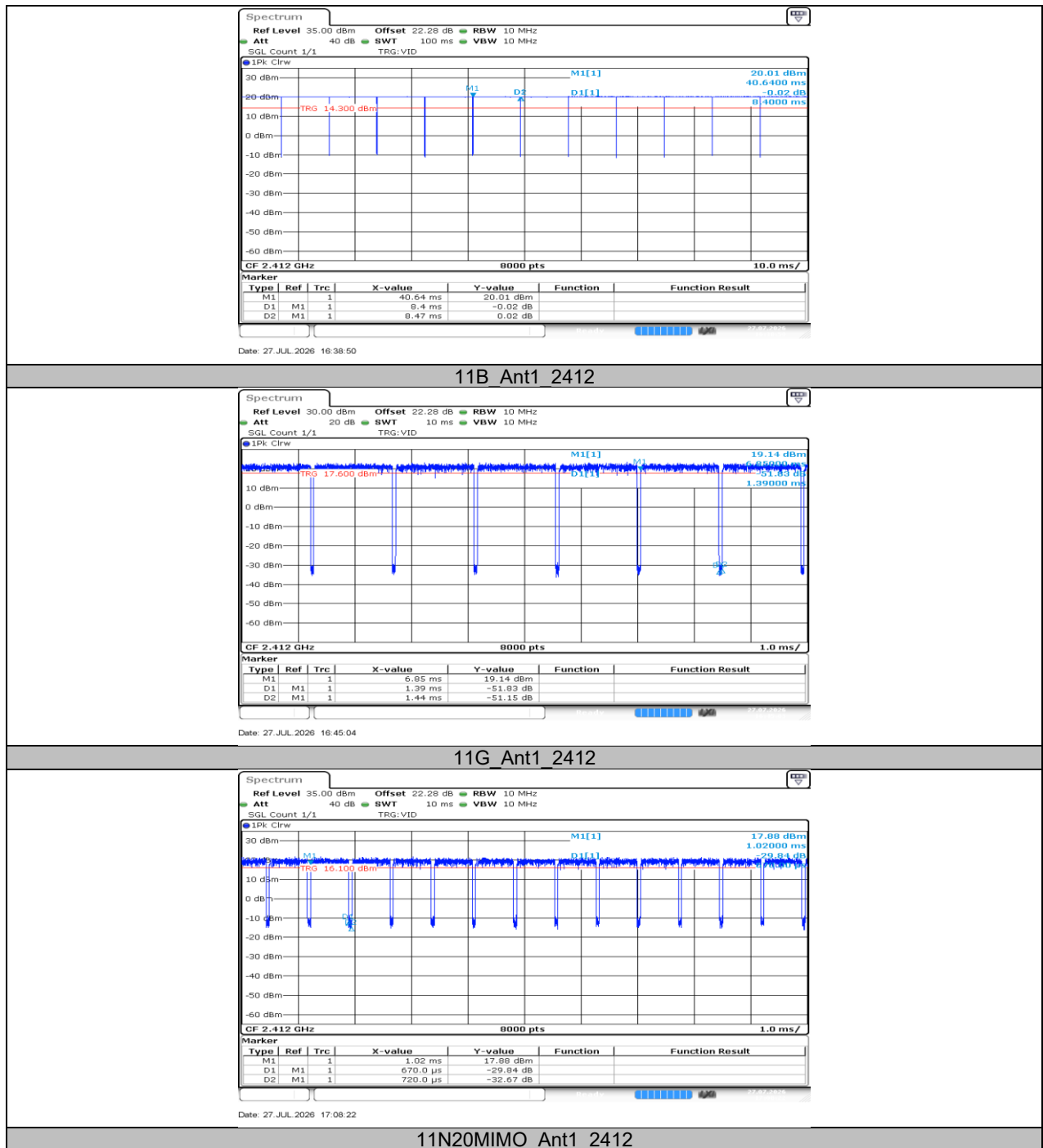
Duty Cycle Correction Factor=10log (1/x).

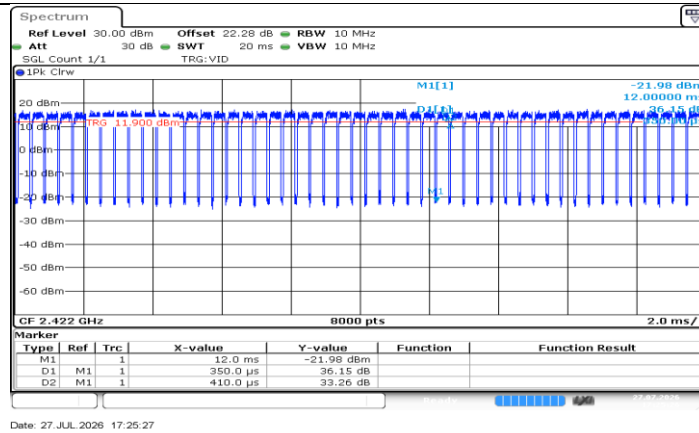
Where: x is Duty Cycle (Linear)

Where: T is On Time

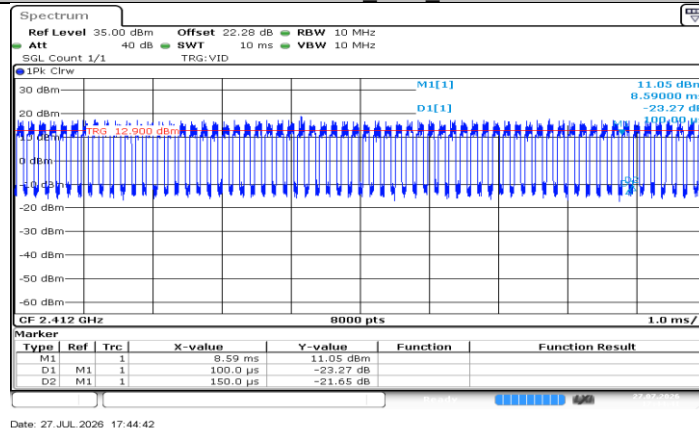
If that calculated VBW is not available on the analyzer then the next higher value should be used.

11.7.2. Test Graphs

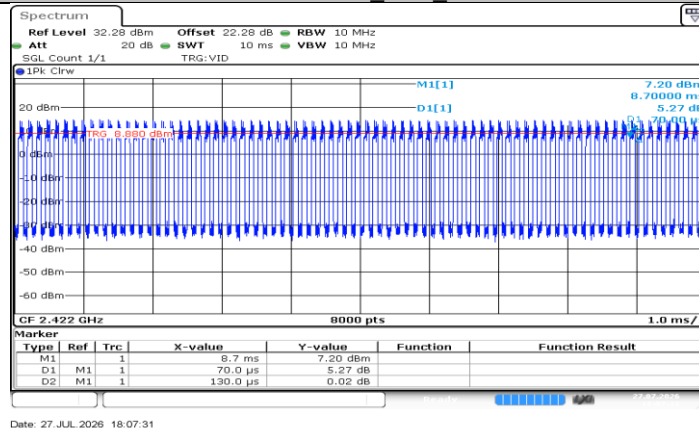




11N40MIMO_Ant1_2422



11AX20MIMO_Ant1_2412



11AX40MIMO_Ant1_2422

END OF REPORT