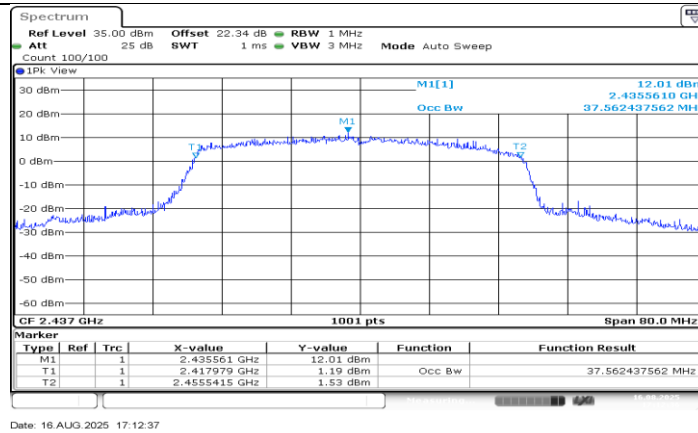
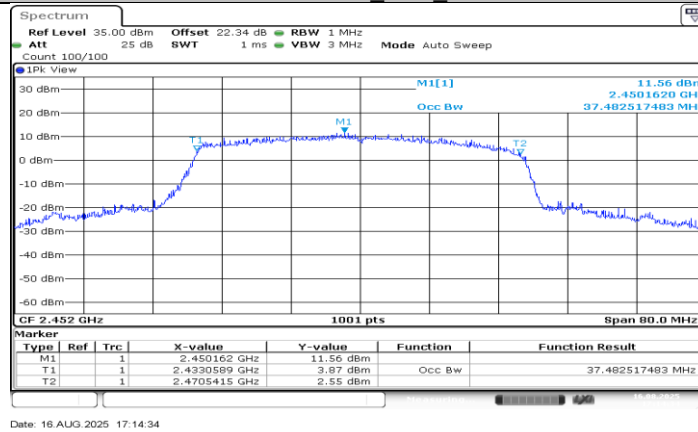
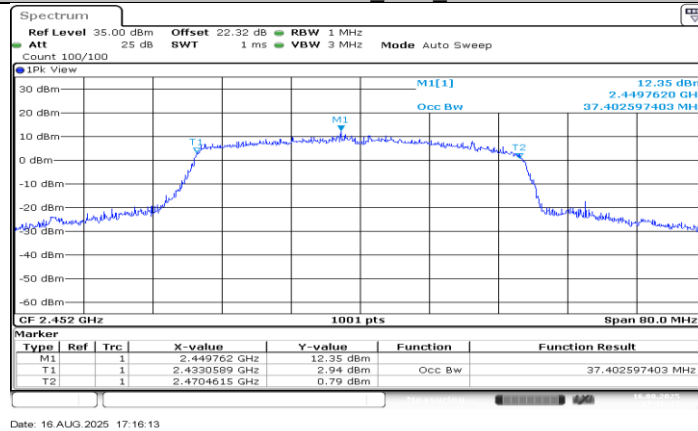




11AX40MIMO_Ant3_2437



11AX40MIMO_Ant1_2452



11AX40MIMO_Ant3_2452

11.3. APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

11.3.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	18.72	≤30.00	PASS
	Ant3	2412	18.38	≤30.00	PASS
	Ant1	2437	18.87	≤30.00	PASS
	Ant3	2437	17.51	≤30.00	PASS
	Ant1	2462	18.86	≤30.00	PASS
	Ant3	2462	17.65	≤30.00	PASS
11G	Ant1	2412	15.87	≤30.00	PASS
	Ant3	2412	15.27	≤30.00	PASS
	Ant1	2437	16.26	≤30.00	PASS
	Ant3	2437	15.31	≤30.00	PASS
	Ant1	2462	15.78	≤30.00	PASS
	Ant3	2462	15.01	≤30.00	PASS
11N20MIMO	Ant1	2412	13.70	≤30.00	PASS
	Ant3	2412	13.09	≤30.00	PASS
	total	2412	16.42	≤30.00	PASS
	Ant1	2437	13.75	≤30.00	PASS
	Ant3	2437	12.96	≤30.00	PASS
	total	2437	16.38	≤30.00	PASS
	Ant1	2462	13.71	≤30.00	PASS
	Ant3	2462	12.59	≤30.00	PASS
11N40MIMO	Ant1	2422	13.82	≤30.00	PASS
	Ant3	2422	12.72	≤30.00	PASS
	total	2422	16.32	≤30.00	PASS
	Ant1	2437	14.18	≤30.00	PASS
	Ant3	2437	13.29	≤30.00	PASS
	total	2437	16.77	≤30.00	PASS
	Ant1	2452	13.53	≤30.00	PASS
	Ant3	2452	12.93	≤30.00	PASS
11AX20MIMO	Ant1	2412	14.83	≤30.00	PASS
	Ant3	2412	13.80	≤30.00	PASS
	total	2412	17.36	≤30.00	PASS
	Ant1	2437	14.39	≤30.00	PASS
	Ant3	2437	13.70	≤30.00	PASS
	total	2437	17.07	≤30.00	PASS
	Ant1	2462	14.19	≤30.00	PASS
	Ant3	2462	13.18	≤30.00	PASS
11AX40MIMO	Ant1	2422	13.74	≤30.00	PASS
	Ant3	2422	12.62	≤30.00	PASS
	total	2422	16.23	≤30.00	PASS
	Ant1	2437	13.94	≤30.00	PASS
	Ant3	2437	14.02	≤30.00	PASS
	total	2437	16.99	≤30.00	PASS
	Ant1	2452	13.59	≤30.00	PASS
	Ant3	2452	12.69	≤30.00	PASS
	total	2452	16.17	≤30.00	PASS

Note: 1. Conducted Power=Meas. Level+ Correction Factor

2. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

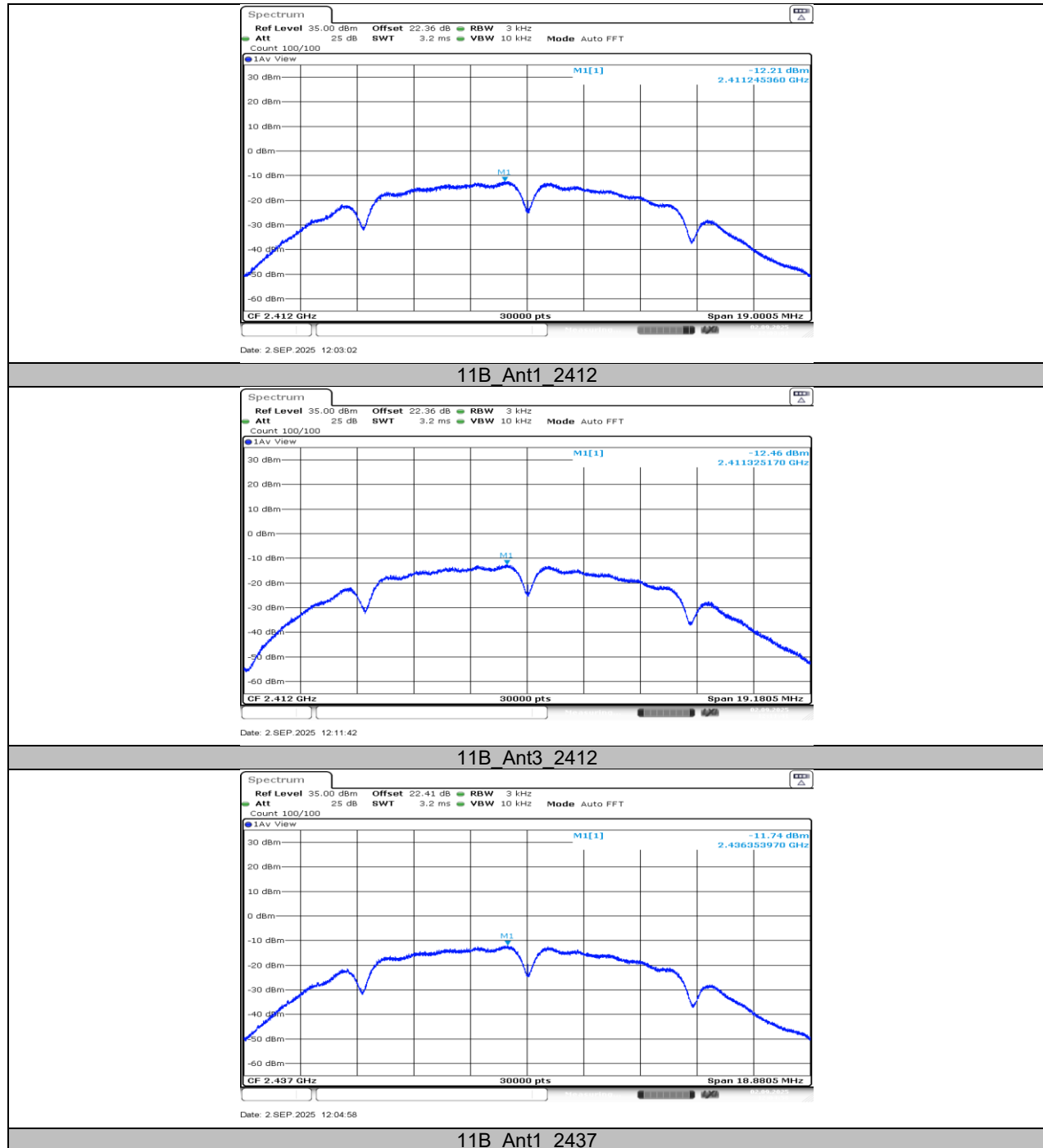
11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

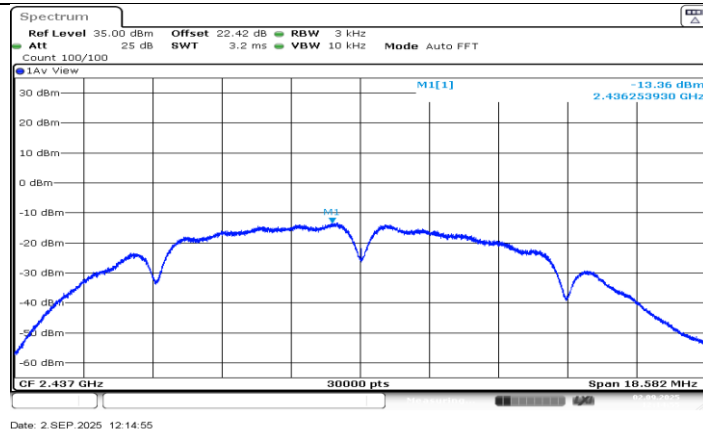
11.4.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-12.21	≤8.00	PASS
	Ant3	2412	-12.46	≤8.00	PASS
	Ant1	2437	-11.74	≤8.00	PASS
	Ant3	2437	-13.36	≤8.00	PASS
	Ant1	2462	-12.19	≤8.00	PASS
	Ant3	2462	-13.03	≤8.00	PASS
11G	Ant1	2412	-16.76	≤8.00	PASS
	Ant3	2412	-17.41	≤8.00	PASS
	Ant1	2437	-16.35	≤8.00	PASS
	Ant3	2437	-17.03	≤8.00	PASS
	Ant1	2462	-16.93	≤8.00	PASS
	Ant3	2462	-17.55	≤8.00	PASS
11N20MIMO	Ant1	2412	-18.61	≤8.00	PASS
	Ant3	2412	-19.17	≤8.00	PASS
	total	2412	-15.87	≤8.00	PASS
	Ant1	2437	-18.65	≤8.00	PASS
	Ant3	2437	-18.79	≤8.00	PASS
	total	2437	-15.71	≤8.00	PASS
	Ant1	2462	-18.55	≤8.00	PASS
	Ant3	2462	-19.52	≤8.00	PASS
	total	2462	-16.00	≤8.00	PASS
11N40MIMO	Ant1	2422	-19.89	≤8.00	PASS
	Ant3	2422	-20.58	≤8.00	PASS
	total	2422	-17.21	≤8.00	PASS
	Ant1	2437	-19.40	≤8.00	PASS
	Ant3	2437	-20.55	≤8.00	PASS
	total	2437	-16.93	≤8.00	PASS
	Ant1	2452	-19.67	≤8.00	PASS
	Ant3	2452	-20.91	≤8.00	PASS
	total	2452	-17.24	≤8.00	PASS
11AX20MIMO	Ant1	2412	-16.26	≤8.00	PASS
	Ant3	2412	-17.72	≤8.00	PASS
	total	2412	-13.92	≤8.00	PASS
	Ant1	2437	-16.95	≤8.00	PASS
	Ant3	2437	-17.47	≤8.00	PASS
	total	2437	-14.19	≤8.00	PASS
	Ant1	2462	-16.27	≤8.00	PASS
	Ant3	2462	-17.96	≤8.00	PASS
	total	2462	-14.02	≤8.00	PASS
11AX40MIMO	Ant1	2422	-20.45	≤8.00	PASS
	Ant3	2422	-21.18	≤8.00	PASS
	total	2422	-17.79	≤8.00	PASS
	Ant1	2437	-19.84	≤8.00	PASS
	Ant3	2437	-20.62	≤8.00	PASS
	total	2437	-17.20	≤8.00	PASS
	Ant1	2452	-20.09	≤8.00	PASS
	Ant3	2452	-20.22	≤8.00	PASS
	total	2452	-17.14	≤8.00	PASS

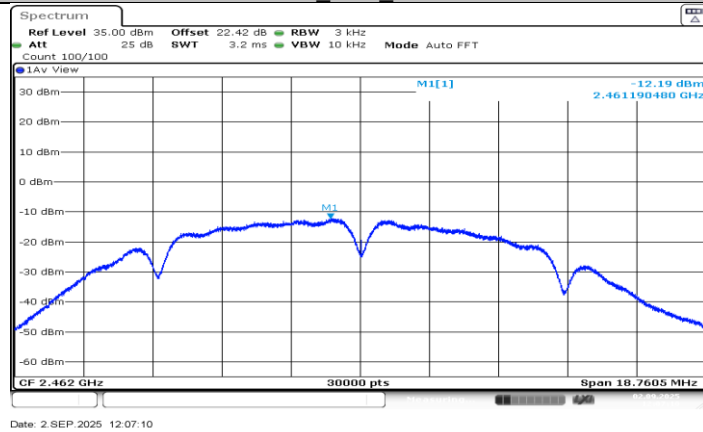
Note: 1. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

11.4.2. Test Graphs

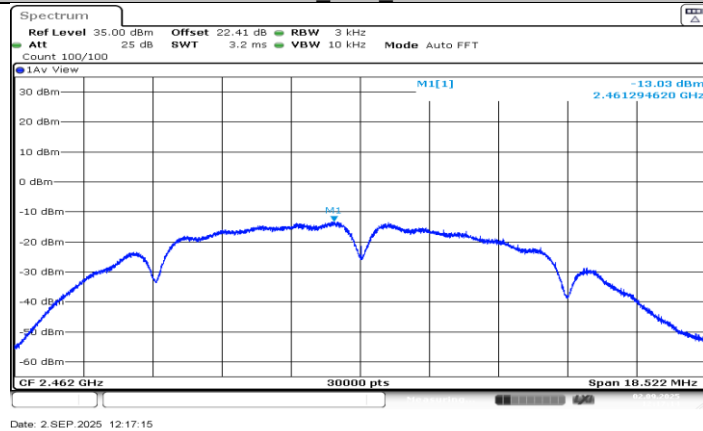




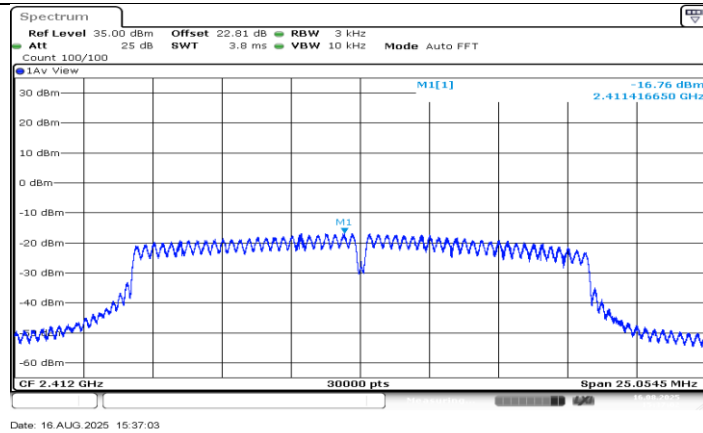
11B_Ant3_2437



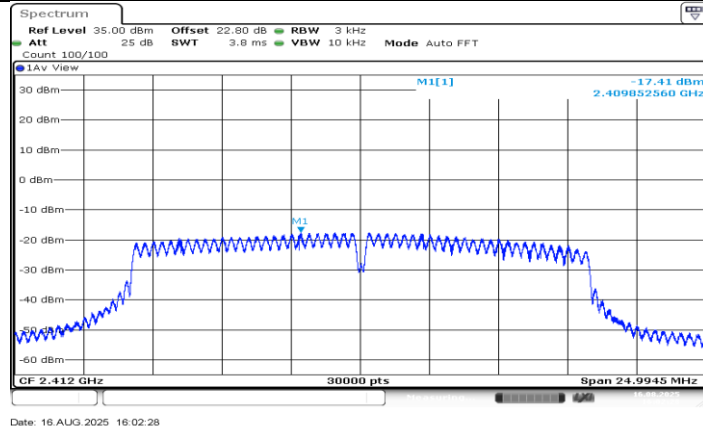
11B_Ant1_2462



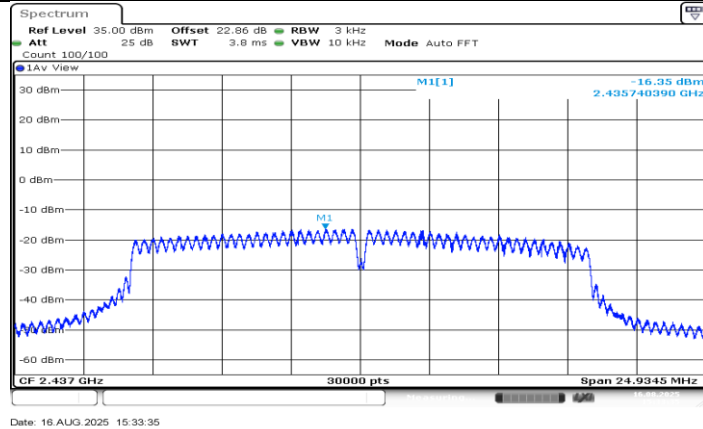
11B_Ant3_2462



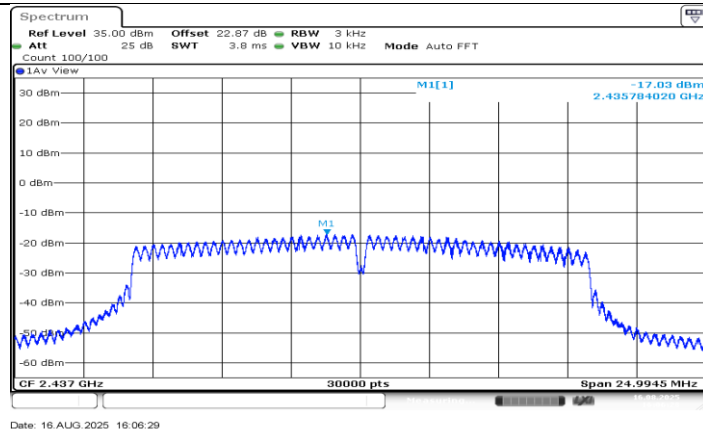
11G_Ant1_2412



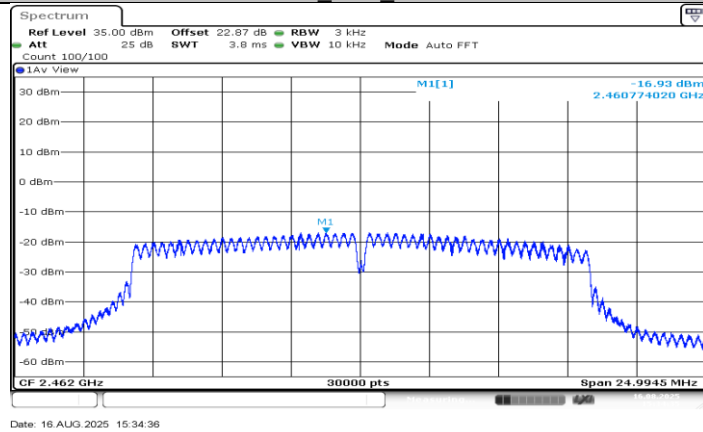
11G_Ant3_2412



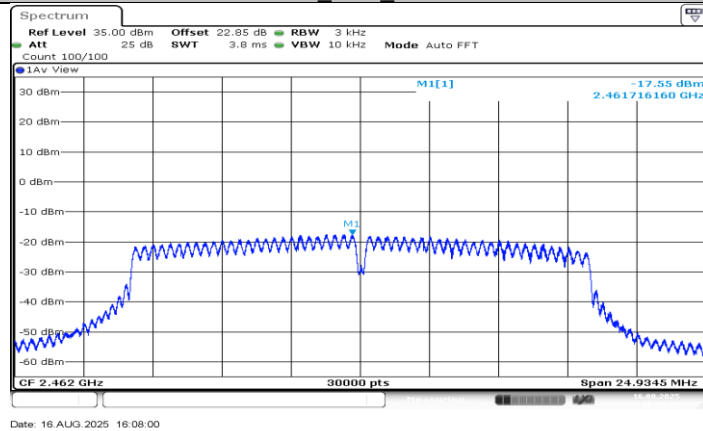
11G_Ant1_2437



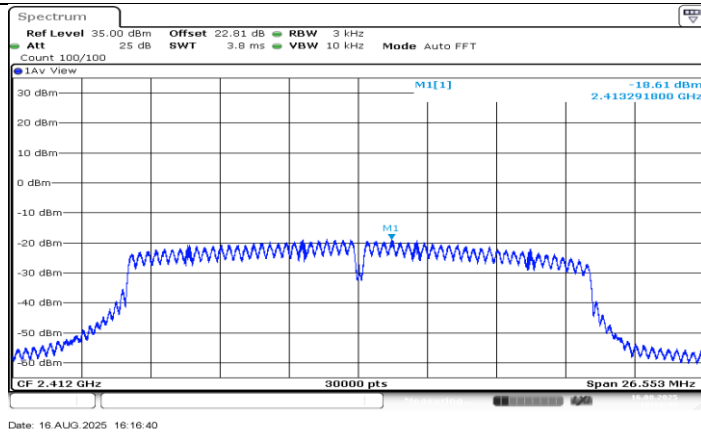
11G_Ant3_2437



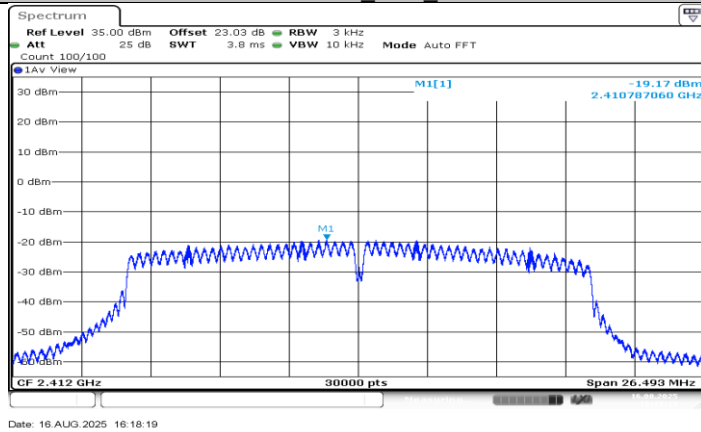
11G_Ant1_2462



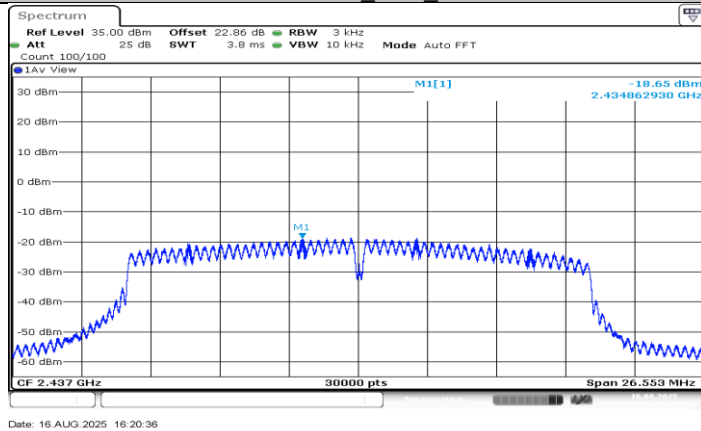
11G_Ant3_2462



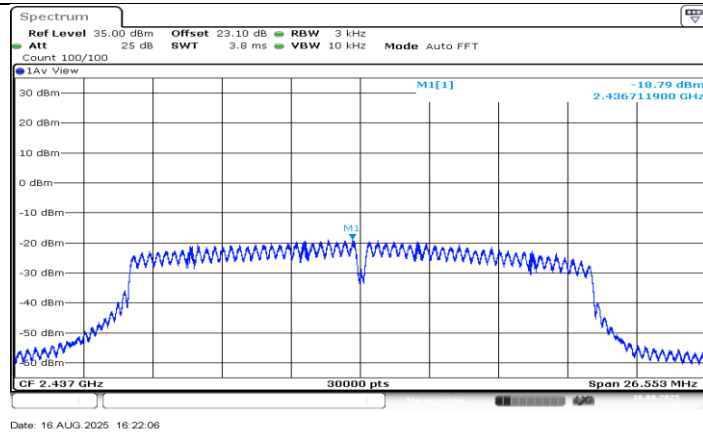
11N20MIMO_Ant1_2412



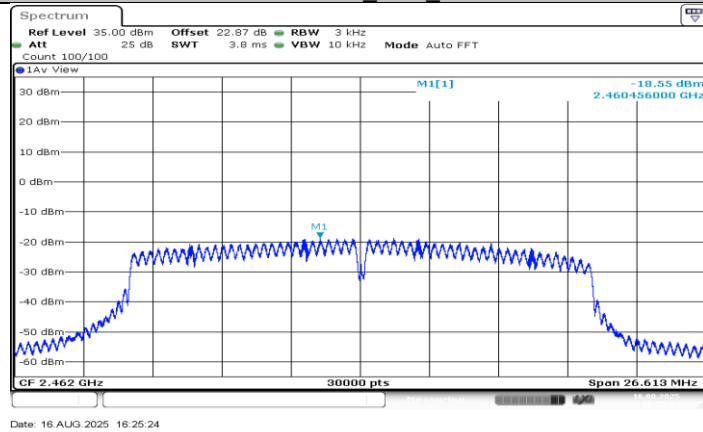
11N20MIMO_Ant3_2412



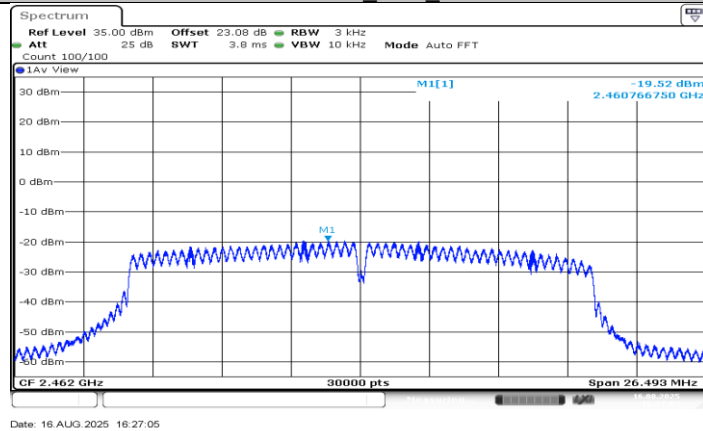
11N20MIMO_Ant1_2437



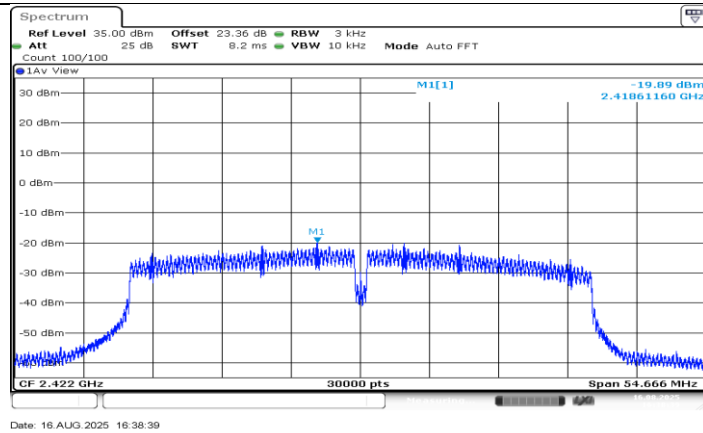
11N20MIMO_Ant3_2437



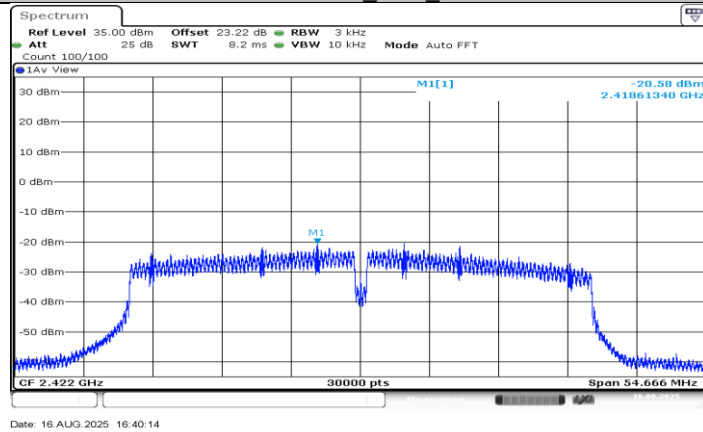
11N20MIMO_Ant1_2462



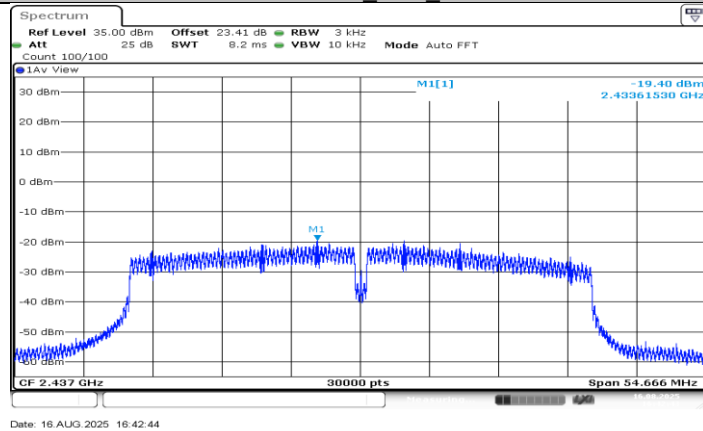
11N20MIMO_Ant3_2462



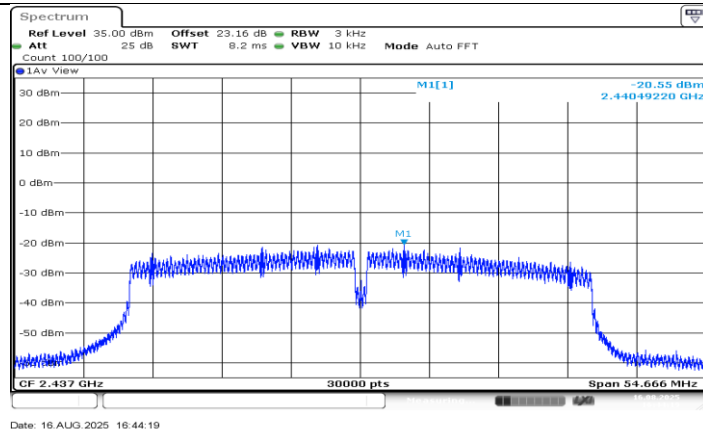
11N40MIMO_Ant1_2422



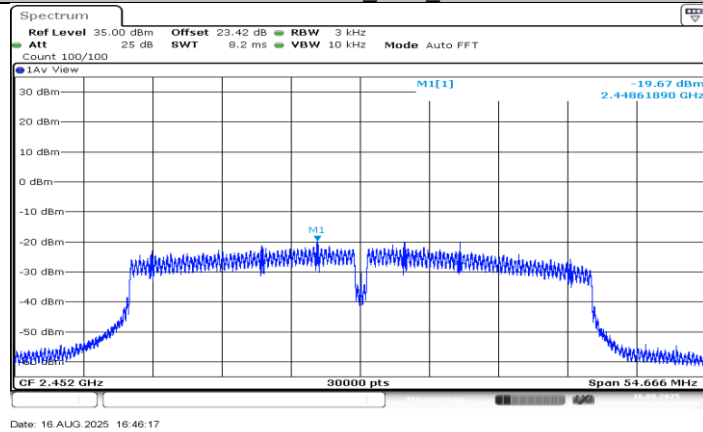
11N40MIMO_Ant3_2422



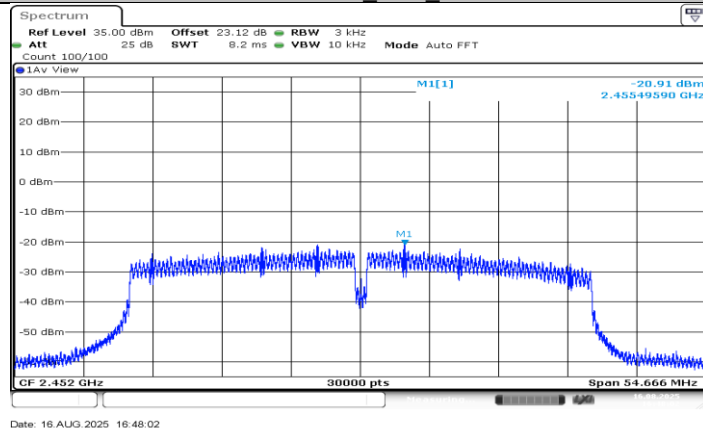
11N40MIMO_Ant1_2437



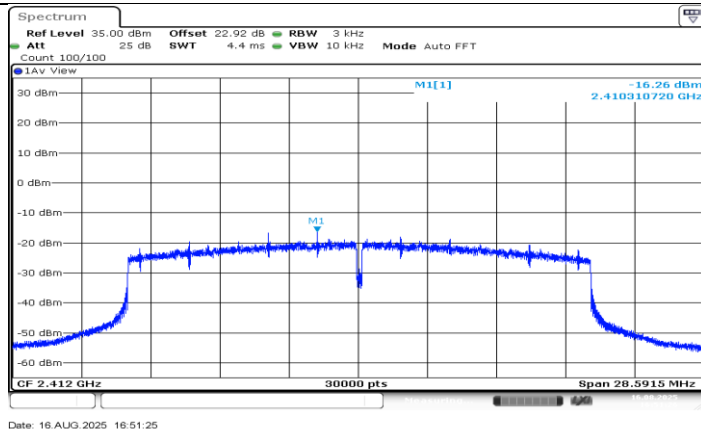
11N40MIMO_Ant3_2437



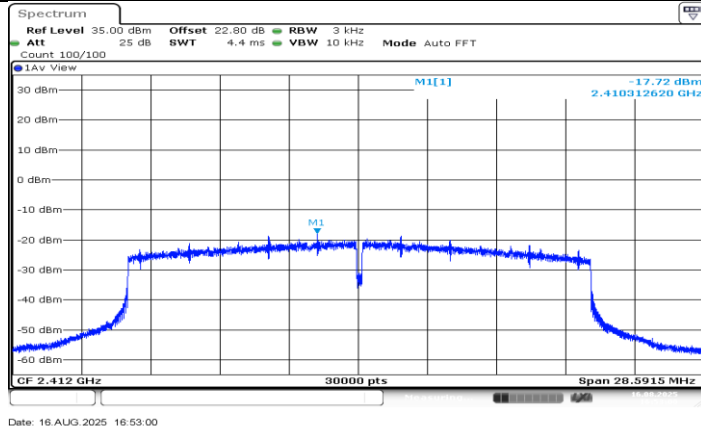
11N40MIMO_Ant1_2452



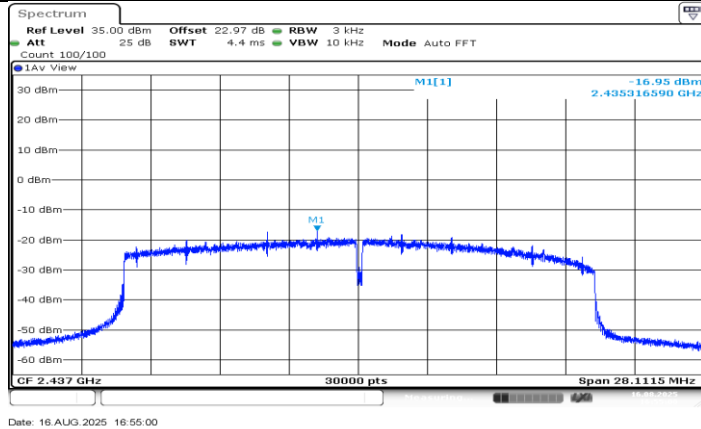
11N40MIMO_Ant3_2452



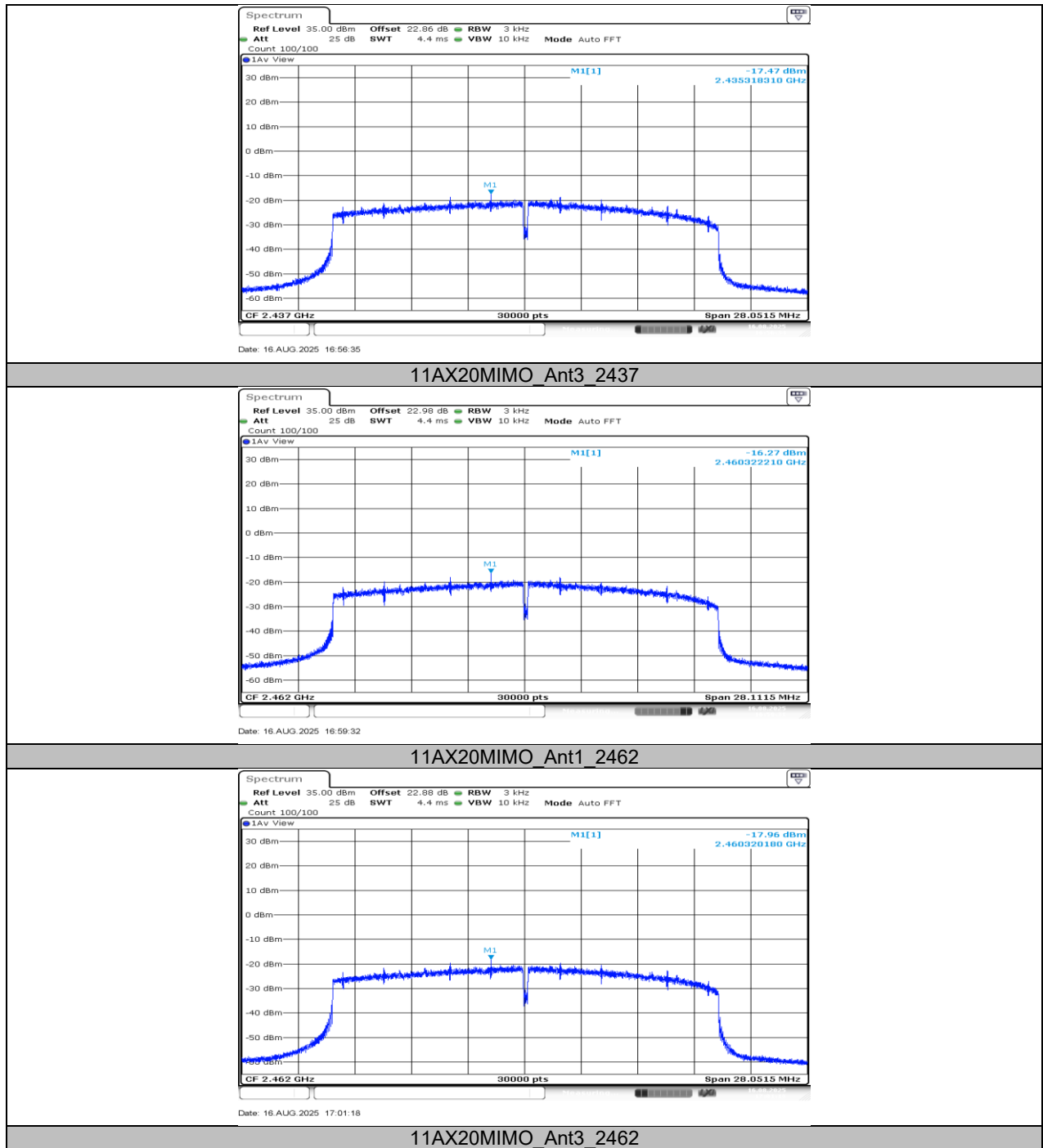
11AX20MIMO_Ant1_2412

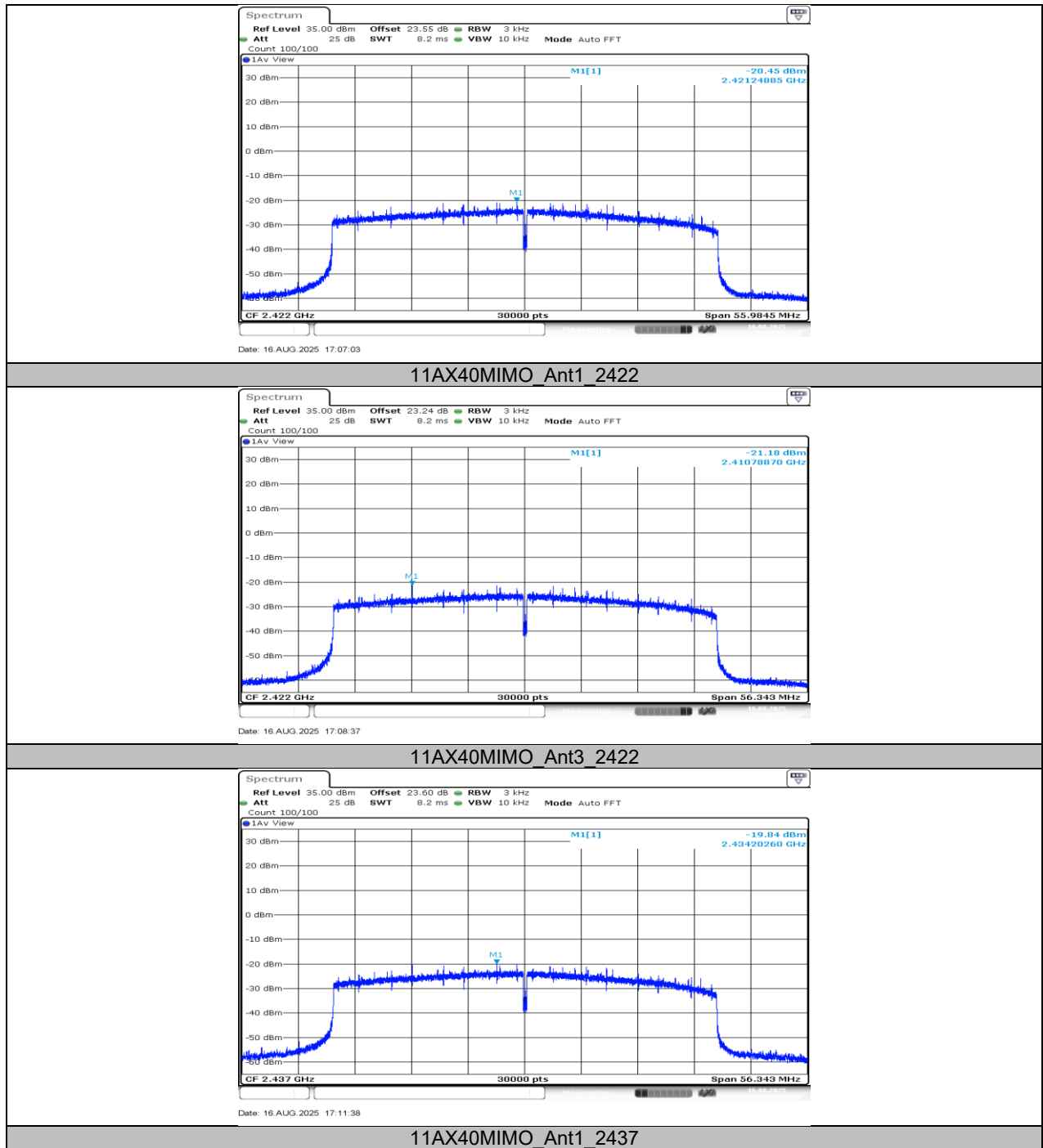


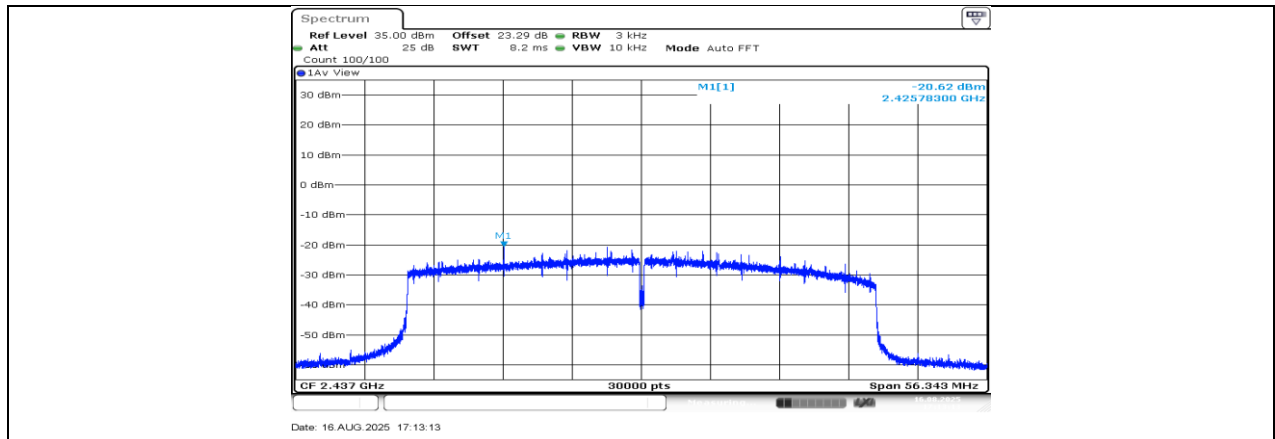
11AX20MIMO_Ant3_2412



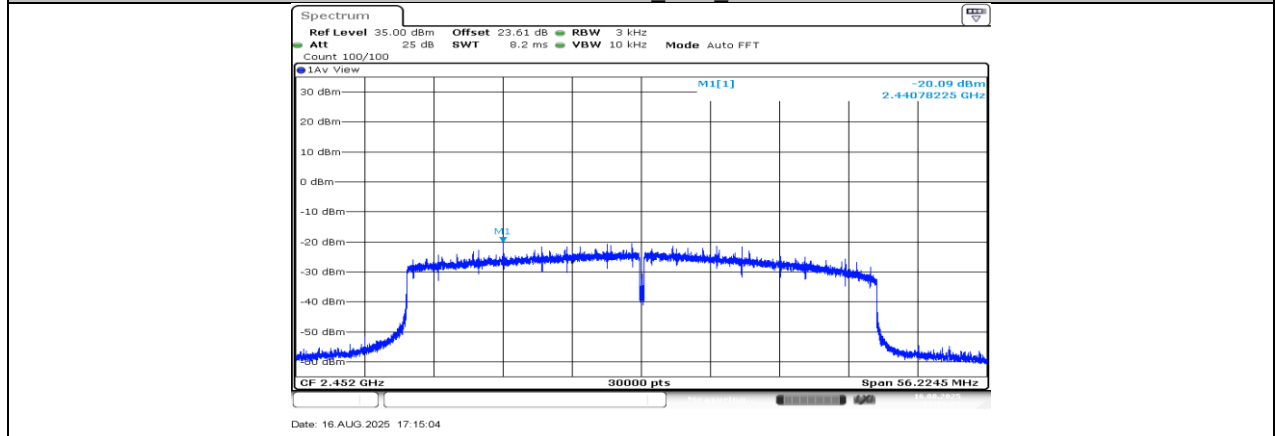
11AX20MIMO_Ant1_2437



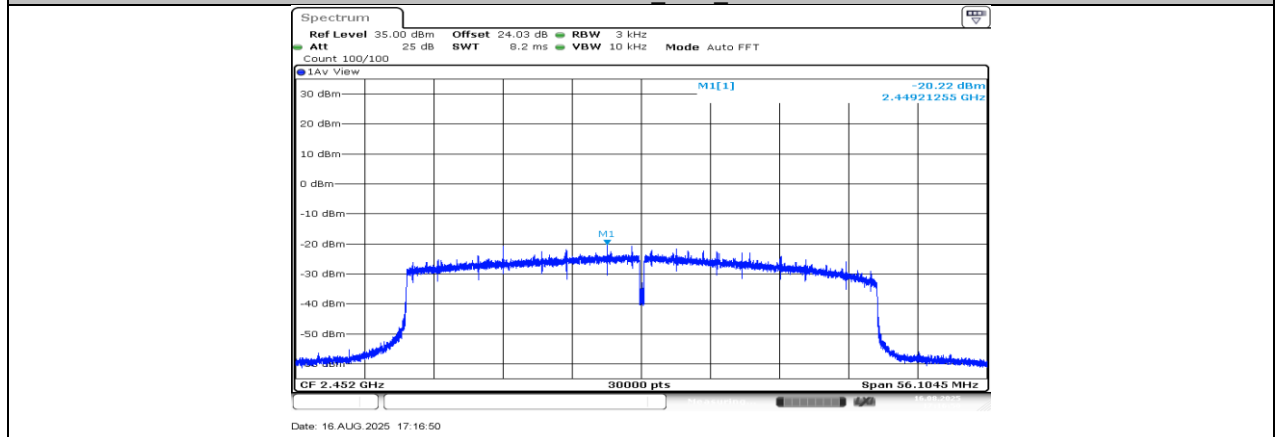




11AX40MIMO_Ant3_2437



11AX40MIMO_Ant1_2452



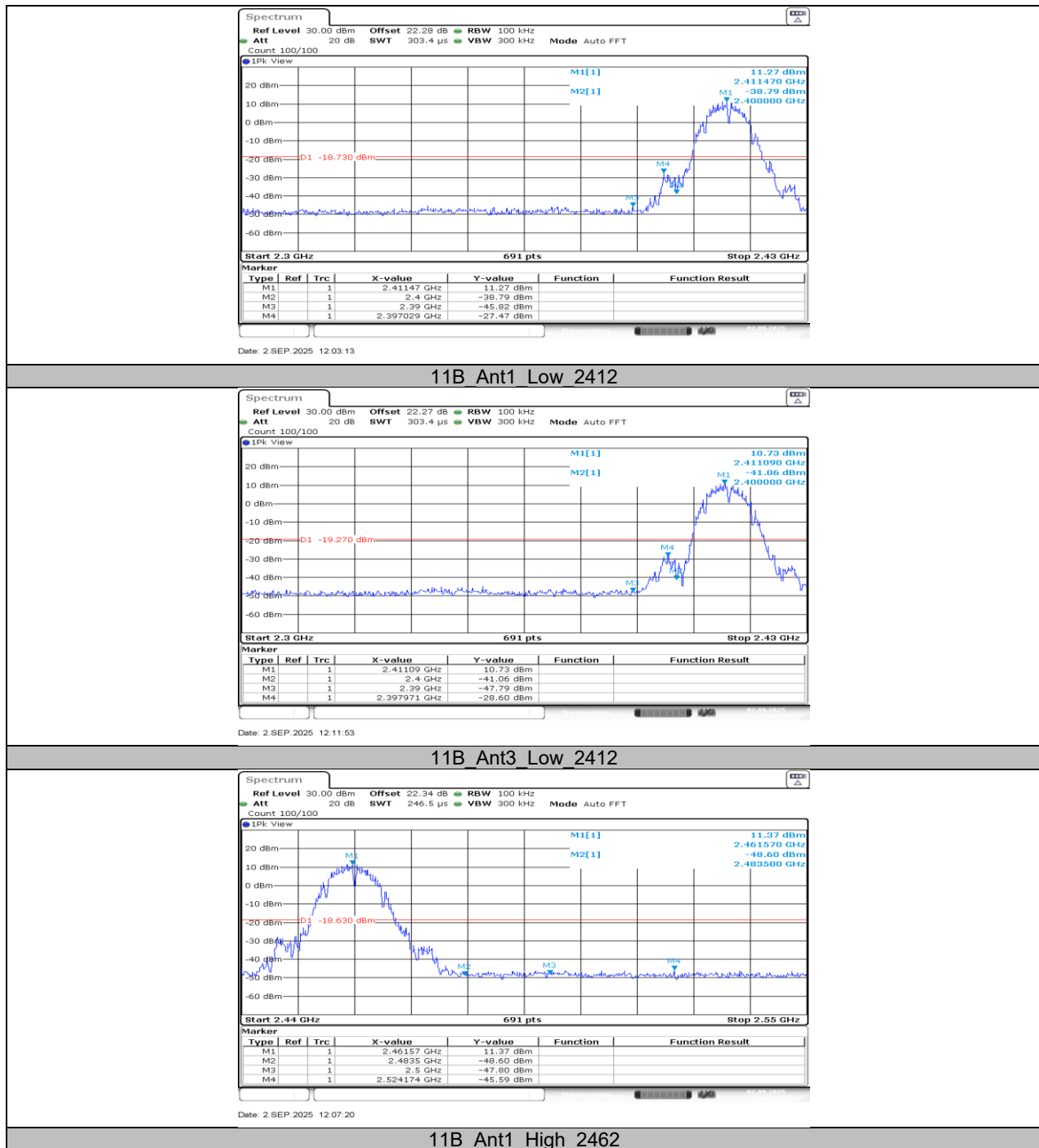
11AX40MIMO_Ant3_2452

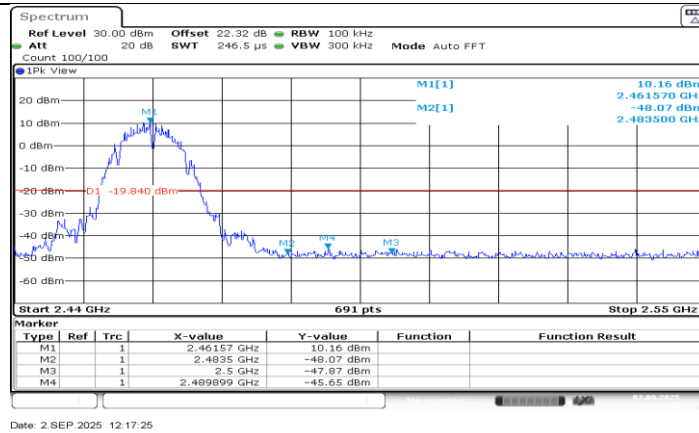
11.5. APPENDIX E: BAND EDGE MEASUREMENTS

11.5.1. Test Result

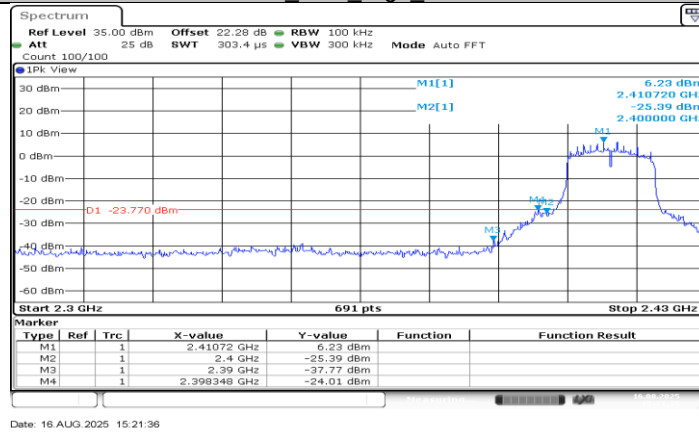
Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	11.27	-27.47	≤-18.73	PASS
	Ant3	Low	2412	10.73	-28.6	≤-19.27	PASS
	Ant1	High	2462	11.37	-45.59	≤-18.63	PASS
	Ant3	High	2462	10.16	-45.65	≤-19.84	PASS
11G	Ant1	Low	2412	6.23	-24.01	≤-23.77	PASS
	Ant3	Low	2412	4.26	-27.19	≤-25.74	PASS
	Ant1	High	2462	5.75	-39.33	≤-24.25	PASS
	Ant3	High	2462	5.06	-40.3	≤-24.94	PASS
11N20MIMO	Ant1	Low	2412	2.69	-28.69	≤-27.31	PASS
	Ant3	Low	2412	3.56	-30.28	≤-26.44	PASS
	Ant1	High	2462	4.07	-40.23	≤-25.93	PASS
	Ant3	High	2462	2.91	-40.22	≤-27.09	PASS
11N40MIMO	Ant1	Low	2422	1.11	-31.1	≤-28.89	PASS
	Ant3	Low	2422	-0.35	-32.65	≤-30.35	PASS
	Ant1	High	2452	1.38	-34.62	≤-28.62	PASS
	Ant3	High	2452	-0.12	-36.6	≤-30.12	PASS
11AX20MIMO	Ant1	Low	2412	4.61	-25.95	≤-25.39	PASS
	Ant3	Low	2412	1.66	-29.63	≤-28.34	PASS
	Ant1	High	2462	2.83	-39.83	≤-27.17	PASS
	Ant3	High	2462	3.88	-45.19	≤-26.12	PASS
11AX40MIMO	Ant1	Low	2422	0.80	-31.76	≤-29.2	PASS
	Ant3	Low	2422	0.23	-34.54	≤-29.77	PASS
	Ant1	High	2452	1.36	-34.5	≤-28.64	PASS
	Ant3	High	2452	-0.19	-36.76	≤-30.19	PASS

11.5.2. Test Graphs

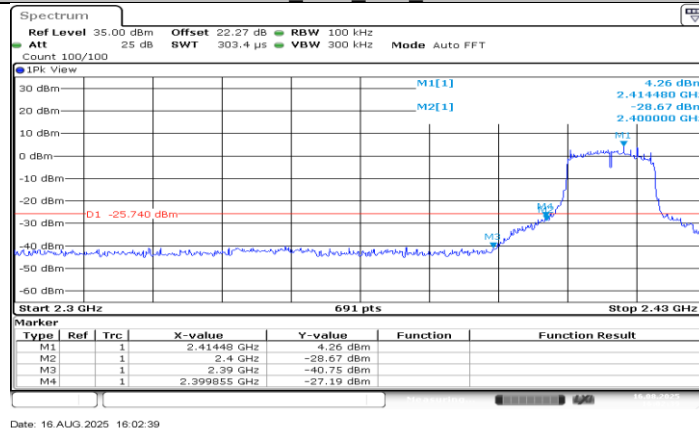




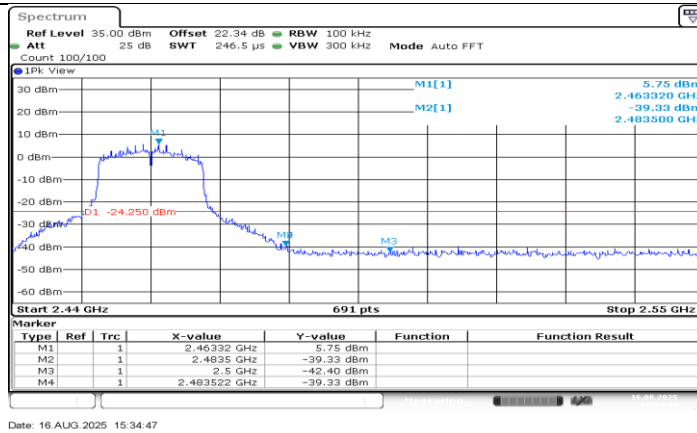
11B Ant3 High 2462



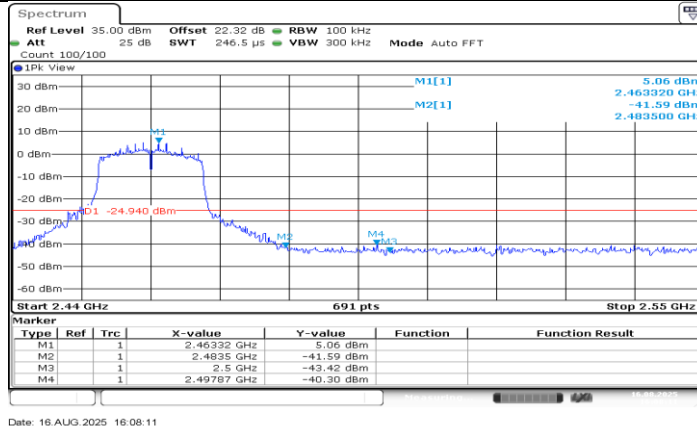
11G Ant1 Low 2412



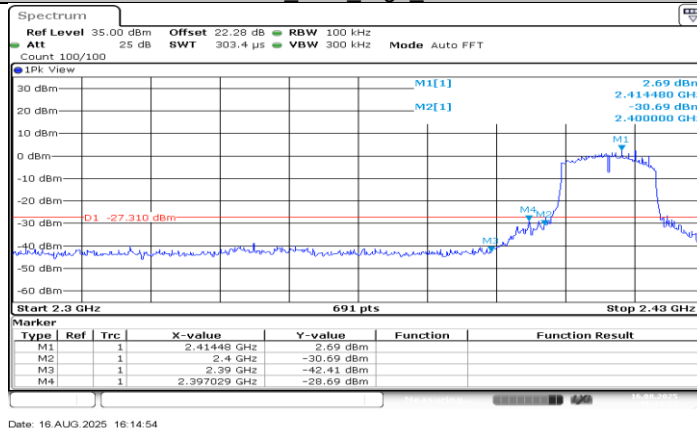
11G Ant3 Low 2412



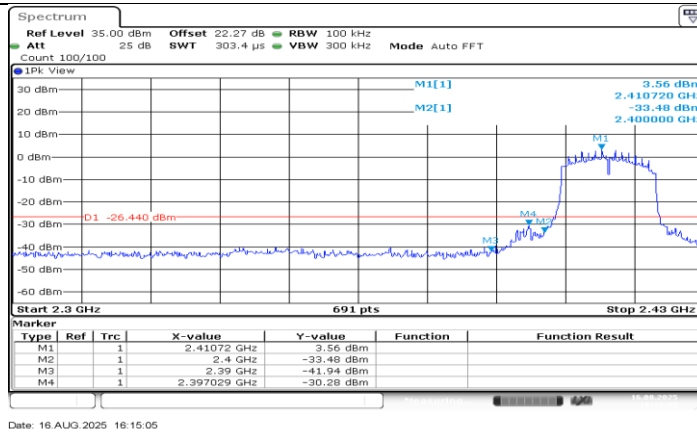
11G_Ant1_High_2462



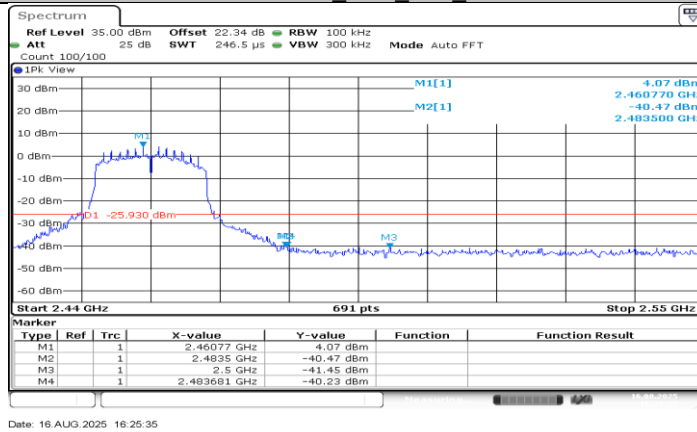
11G_Ant3_High_2462



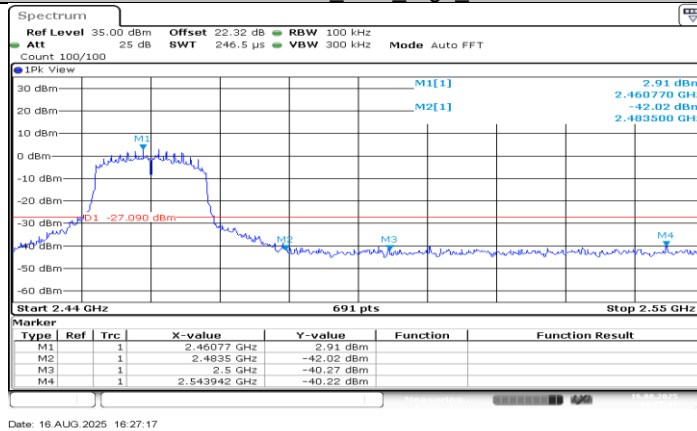
11N20MIMO_Ant1_Low_2412



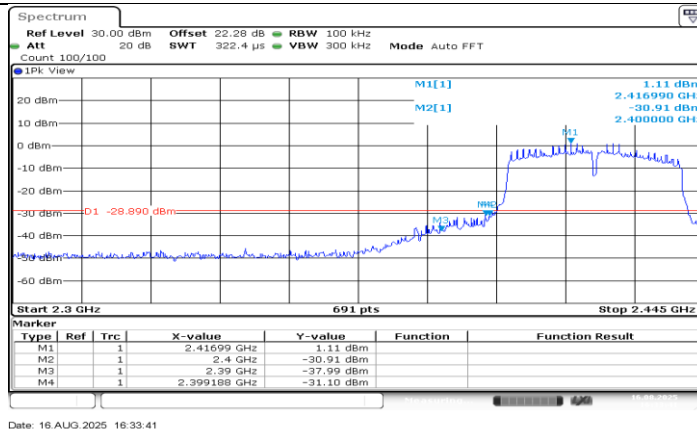
11N20MIMO_Ant3_Low_2412



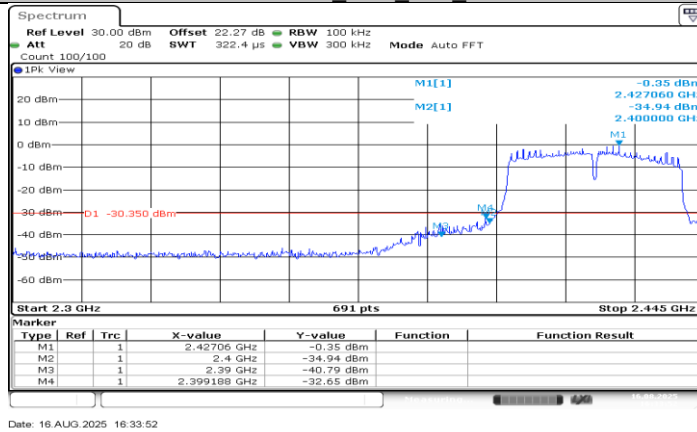
11N20MIMO_Ant1_High_2462



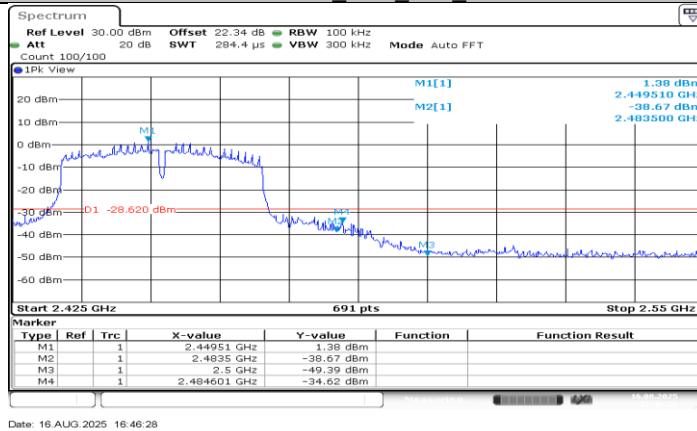
11N20MIMO_Ant3_High_2462



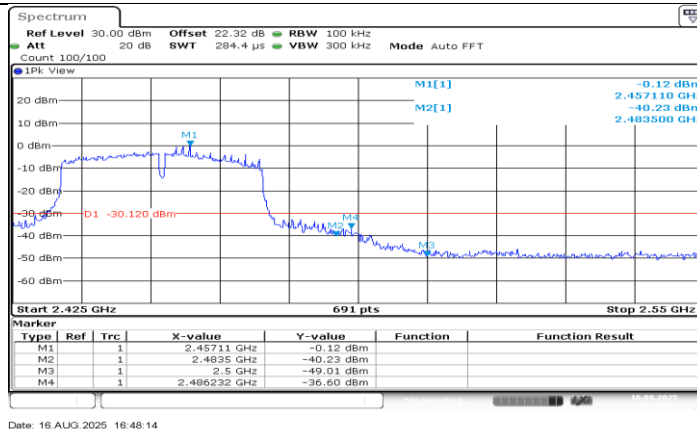
11N40MIMO_Ant1_Low_2422



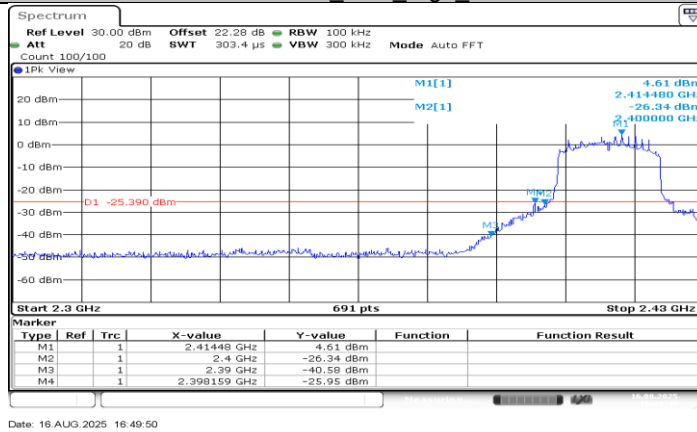
11N40MIMO_Ant3_Low_2422



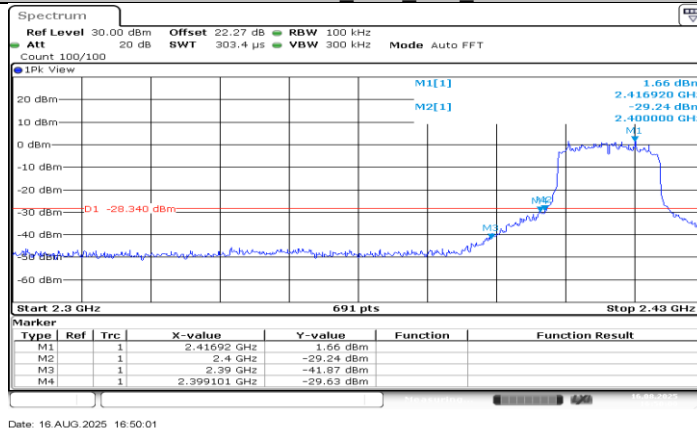
11N40MIMO_Ant1_High_2452



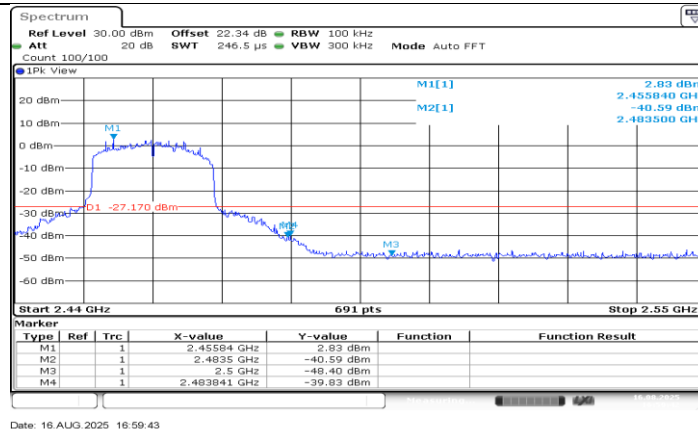
11N40MIMO_Ant3_High_2452



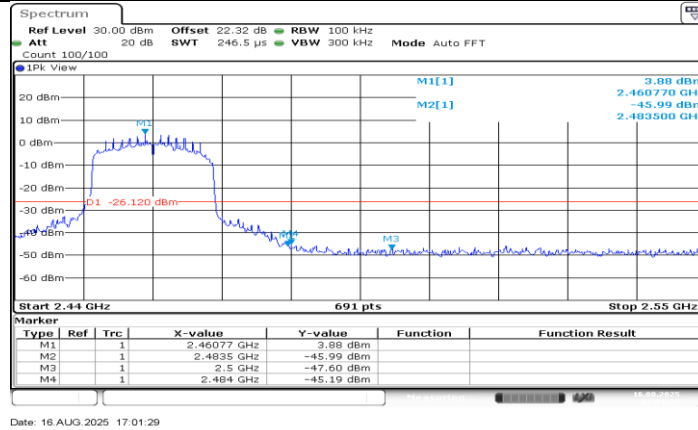
11AX20MIMO_Ant1_Low_2412



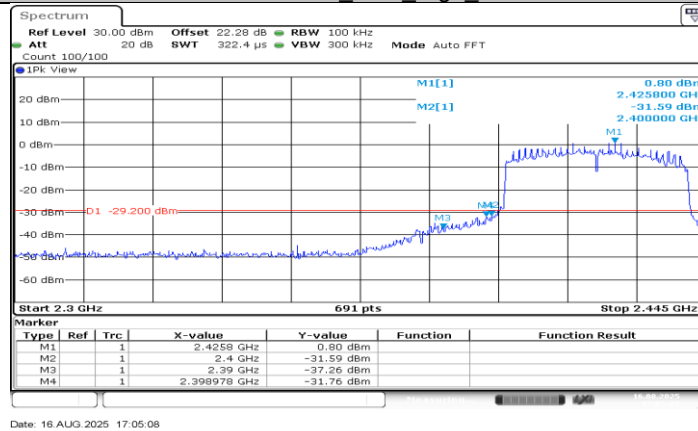
11AX20MIMO_Ant3_Low_2412



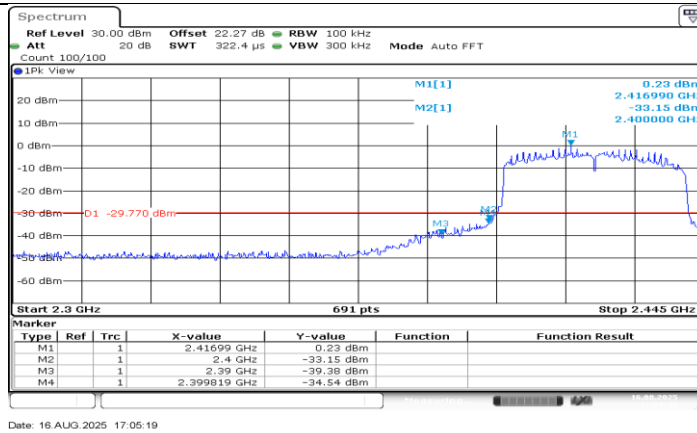
11AX20MIMO_Ant1_High_2462



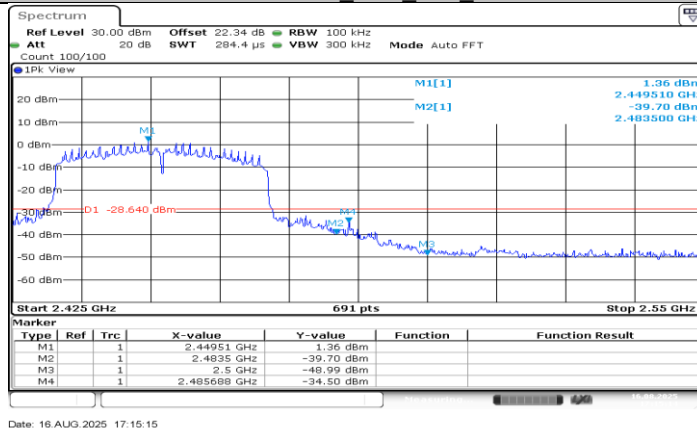
11AX20MIMO_Ant3_High_2462



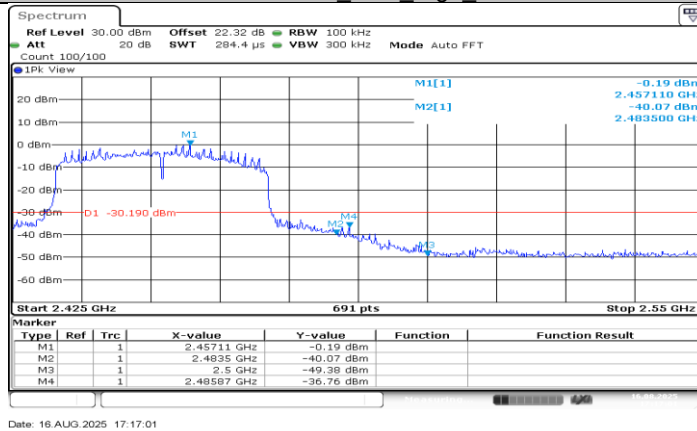
11AX40MIMO_Ant1_Low_2422



11AX40MIMO_Ant3_Low_2422



11AX40MIMO_Ant1_High_2452



11AX40MIMO_Ant3_High_2452

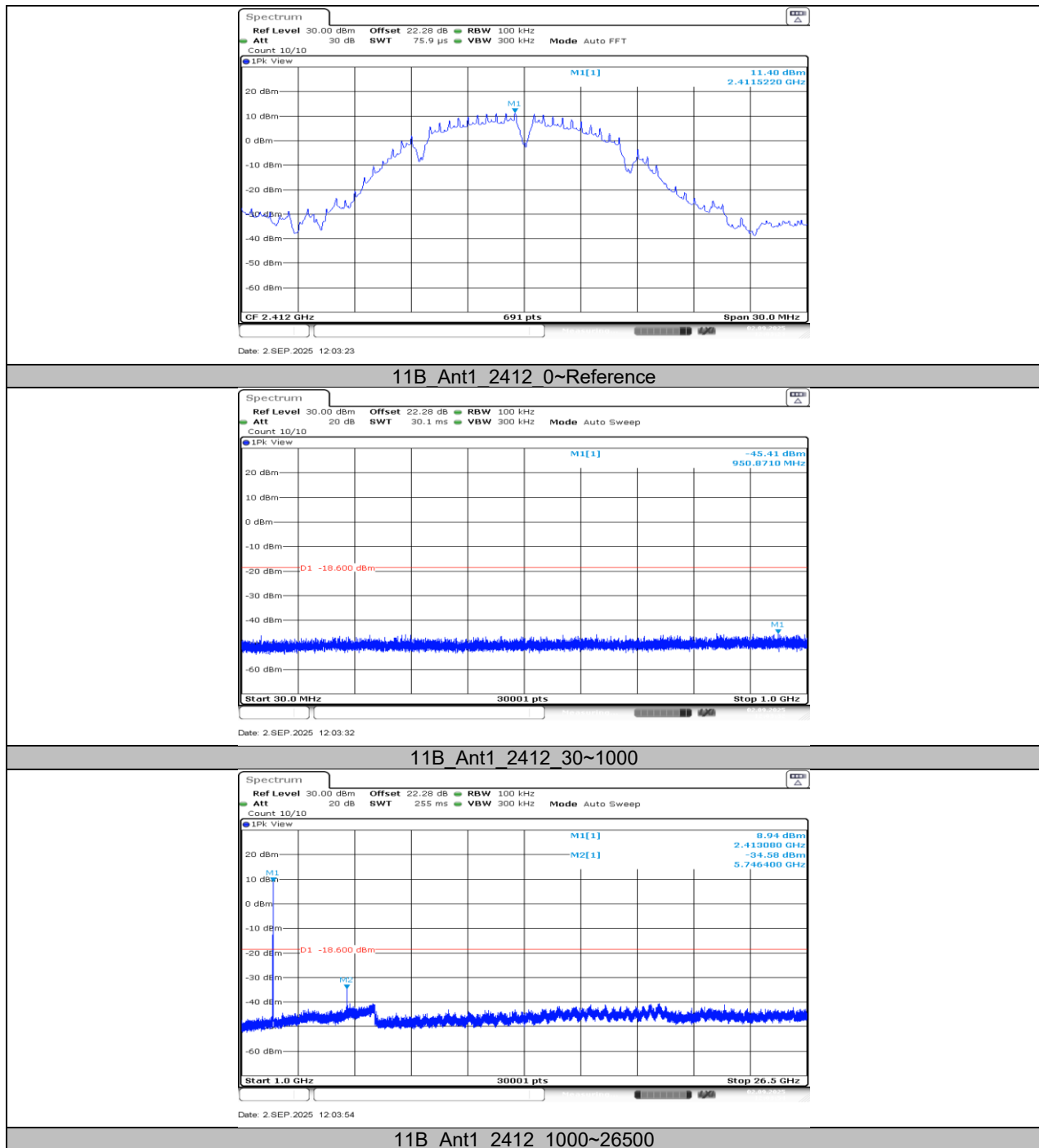
11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

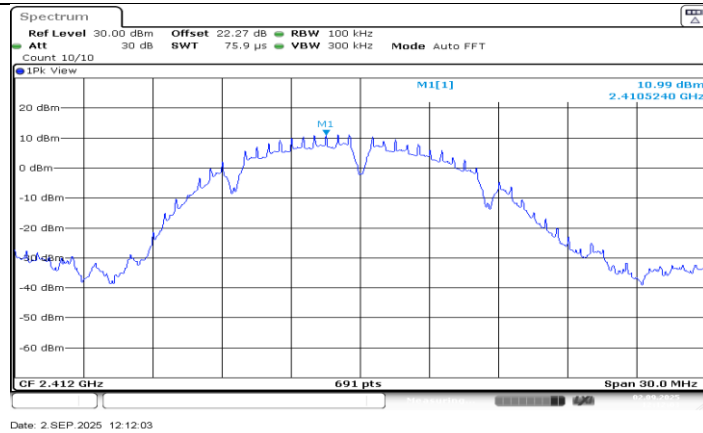
11.6.1. Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	11.40	---	PASS
			30~1000	-45.41	≤-18.6	PASS
			1000~26500	-34.58	≤-18.6	PASS
	Ant3	2412	Reference	10.99	---	PASS
			30~1000	-45.09	≤-19.01	PASS
			1000~26500	-37.77	≤-19.01	PASS
	Ant1	2437	Reference	10.89	---	PASS
			30~1000	-45.29	≤-19.11	PASS
			1000~26500	-39.56	≤-19.11	PASS
	Ant3	2437	Reference	10.17	---	PASS
			30~1000	-44.38	≤-19.83	PASS
			1000~26500	-38.08	≤-19.83	PASS
	Ant1	2462	Reference	11.32	---	PASS
			30~1000	-45.02	≤-18.68	PASS
			1000~26500	-39.95	≤-18.68	PASS
	Ant3	2462	Reference	10.07	---	PASS
			30~1000	-44.56	≤-19.93	PASS
			1000~26500	-38.3	≤-19.93	PASS
11G	Ant1	2412	Reference	6.25	---	PASS
			30~1000	-45.41	≤-23.75	PASS
			1000~26500	-39.9	≤-23.75	PASS
	Ant3	2412	Reference	5.31	---	PASS
			30~1000	-45.28	≤-24.69	PASS
			1000~26500	-40.23	≤-24.69	PASS
	Ant1	2437	Reference	5.57	---	PASS
			30~1000	-44.07	≤-24.43	PASS
			1000~26500	-39.89	≤-24.43	PASS
	Ant3	2437	Reference	5.68	---	PASS
			30~1000	-45.12	≤-24.32	PASS
			1000~26500	-40.19	≤-24.32	PASS
	Ant1	2462	Reference	5.37	---	PASS
			30~1000	-45.48	≤-24.63	PASS
			1000~26500	-39.34	≤-24.63	PASS
	Ant3	2462	Reference	4.93	---	PASS
			30~1000	-45.57	≤-25.07	PASS
			1000~26500	-40.04	≤-25.07	PASS
11N20MIMO	Ant1	2412	Reference	4.14	---	PASS
			30~1000	-44.58	≤-25.86	PASS
			1000~26500	-39.78	≤-25.86	PASS
	Ant3	2412	Reference	2.59	---	PASS
			30~1000	-44.99	≤-27.41	PASS
			1000~26500	-40.11	≤-27.41	PASS
	Ant1	2437	Reference	4.29	---	PASS
			30~1000	-44.9	≤-25.71	PASS
			1000~26500	-40.1	≤-25.71	PASS
	Ant3	2437	Reference	3.39	---	PASS
			30~1000	-45.79	≤-26.61	PASS
			1000~26500	-39.64	≤-26.61	PASS
	Ant1	2462	Reference	4.13	---	PASS
			30~1000	-45.06	≤-25.87	PASS
			1000~26500	-40.48	≤-25.87	PASS
	Ant3	2462	Reference	2.43	---	PASS
			30~1000	-45.2	≤-27.57	PASS
			1000~26500	-40.39	≤-27.57	PASS
11N40MIMO	Ant1	2422	Reference	1.43	---	PASS

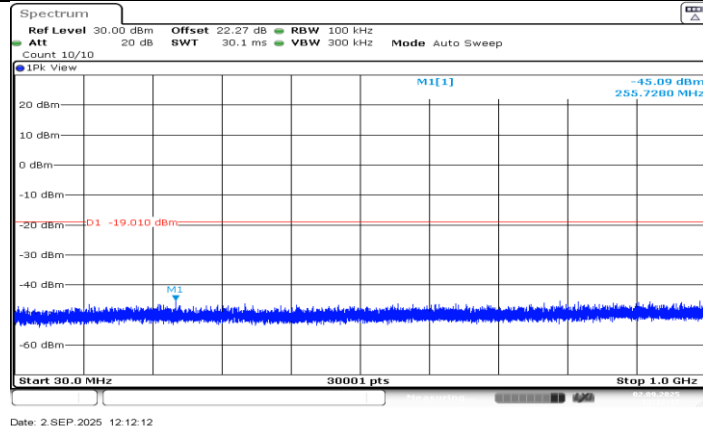
			30~1000	-45.57	≤ -28.57	PASS
			1000~26500	-40.13	≤ -28.57	PASS
			Reference	0.40	---	PASS
	Ant3	2422	30~1000	-45.19	≤ -29.6	PASS
			1000~26500	-40.08	≤ -29.6	PASS
			Reference	2.00	---	PASS
	Ant1	2437	30~1000	-45.25	≤ -28	PASS
			1000~26500	-40.18	≤ -28	PASS
			Reference	0.69	---	PASS
	Ant3	2437	30~1000	-44.85	≤ -29.31	PASS
			1000~26500	-39.91	≤ -29.31	PASS
			Reference	1.39	---	PASS
	Ant1	2452	30~1000	-44.73	≤ -28.61	PASS
			1000~26500	-39.84	≤ -28.61	PASS
			Reference	0.34	---	PASS
	Ant3	2452	30~1000	-45.6	≤ -29.66	PASS
			1000~26500	-40.17	≤ -29.66	PASS
			Reference	5.27	---	PASS
11AX20MIMO	Ant1	2412	30~1000	-45.53	≤ -24.73	PASS
			1000~26500	-40.05	≤ -24.73	PASS
			Reference	3.75	---	PASS
	Ant3	2412	30~1000	-44.51	≤ -26.25	PASS
			1000~26500	-40.27	≤ -26.25	PASS
			Reference	4.96	---	PASS
	Ant1	2437	30~1000	-45.4	≤ -25.04	PASS
			1000~26500	-39.36	≤ -25.04	PASS
			Reference	4.37	---	PASS
	Ant3	2437	30~1000	-45.34	≤ -25.63	PASS
			1000~26500	-39.57	≤ -25.63	PASS
			Reference	4.65	---	PASS
	Ant1	2462	30~1000	-44.93	≤ -25.35	PASS
			1000~26500	-40.21	≤ -25.35	PASS
			Reference	3.46	---	PASS
	Ant3	2462	30~1000	-44.38	≤ -26.54	PASS
			1000~26500	-40.27	≤ -26.54	PASS
			Reference	1.21	---	PASS
11AX40MIMO	Ant1	2422	30~1000	-45.23	≤ -28.79	PASS
			1000~26500	-40.04	≤ -28.79	PASS
			Reference	0.41	---	PASS
	Ant3	2422	30~1000	-45.45	≤ -29.59	PASS
			1000~26500	-39.09	≤ -29.59	PASS
			Reference	1.59	---	PASS
	Ant1	2437	30~1000	-45.19	≤ -28.41	PASS
			1000~26500	-40.22	≤ -28.41	PASS
			Reference	0.75	---	PASS
	Ant3	2437	30~1000	-45.5	≤ -29.25	PASS
			1000~26500	-40.1	≤ -29.25	PASS
			Reference	1.51	---	PASS
	Ant1	2452	30~1000	-44.95	≤ -28.49	PASS
			1000~26500	-40.19	≤ -28.49	PASS
			Reference	0.52	---	PASS
	Ant3	2452	30~1000	-45.25	≤ -29.48	PASS
			1000~26500	-39.96	≤ -29.48	PASS

11.6.2. Test Graphs

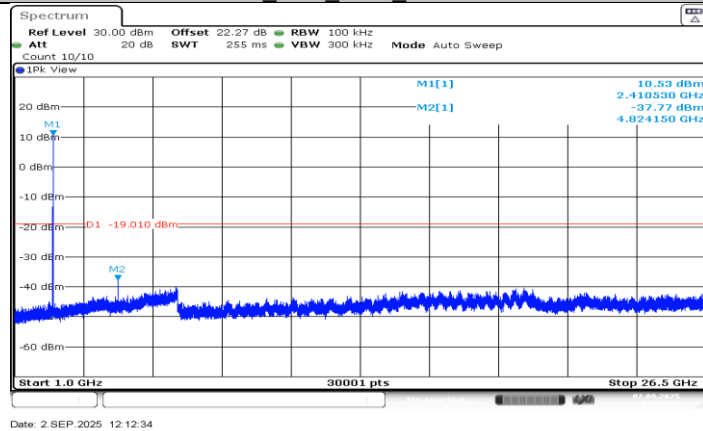




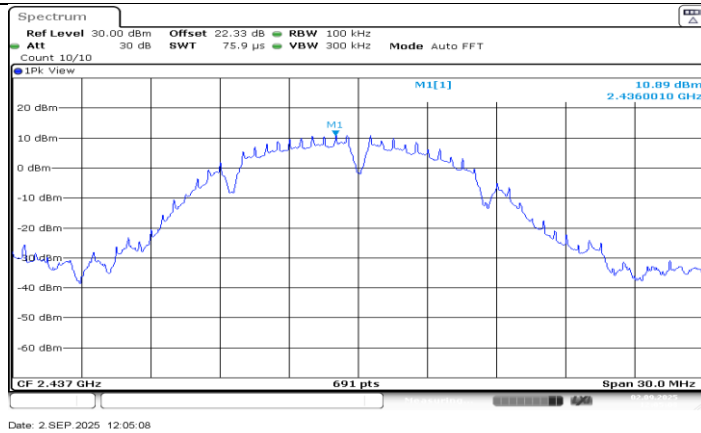
11B_Ant3_2412_0~Reference



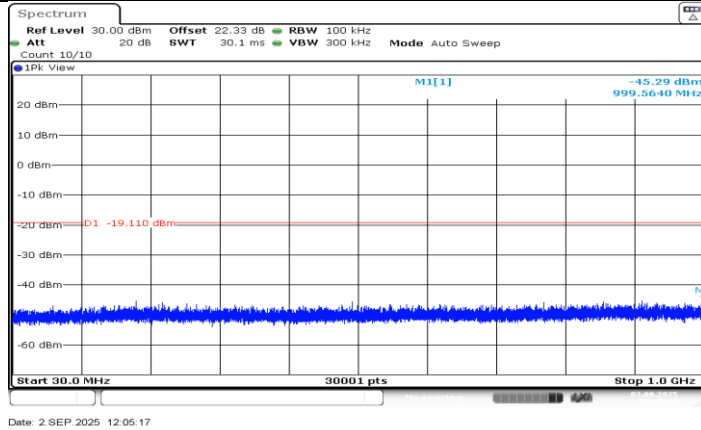
11B_Ant3_2412_30~1000



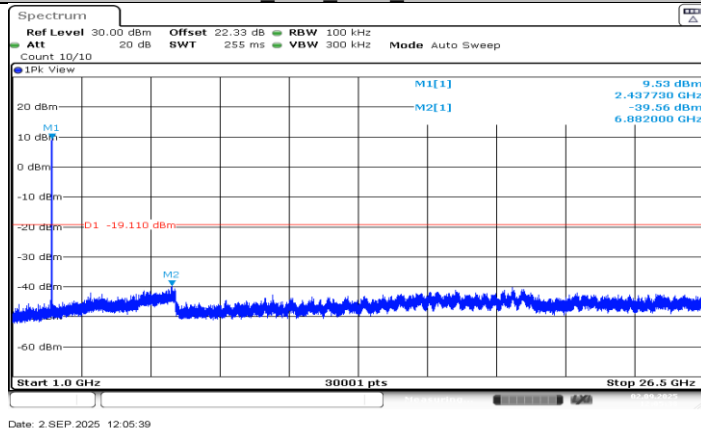
11B_Ant3_2412_1000~26500



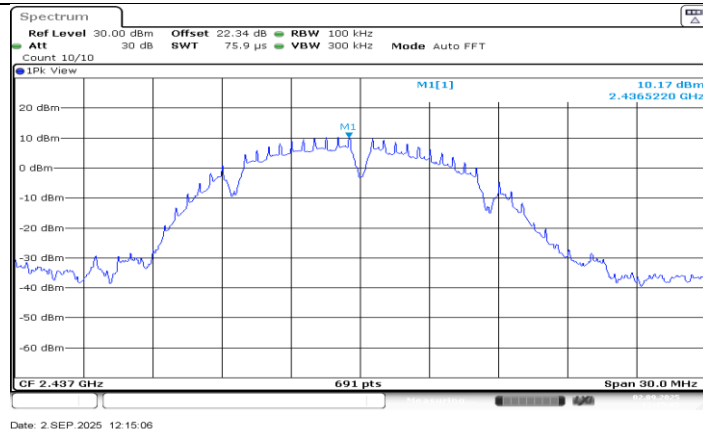
11B_Ant1_2437_0~Reference



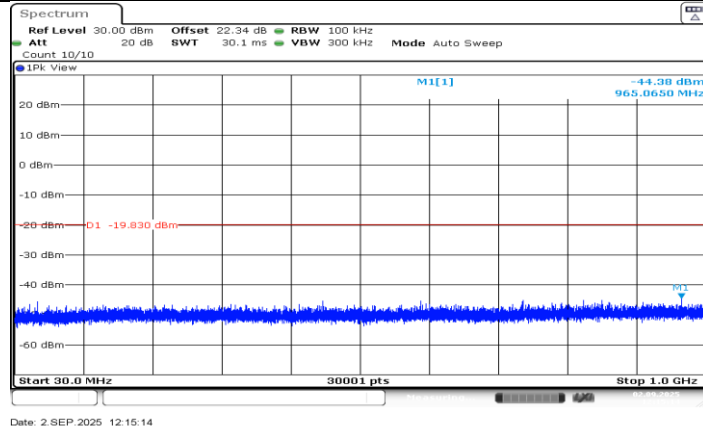
11B_Ant1_2437_30~1000



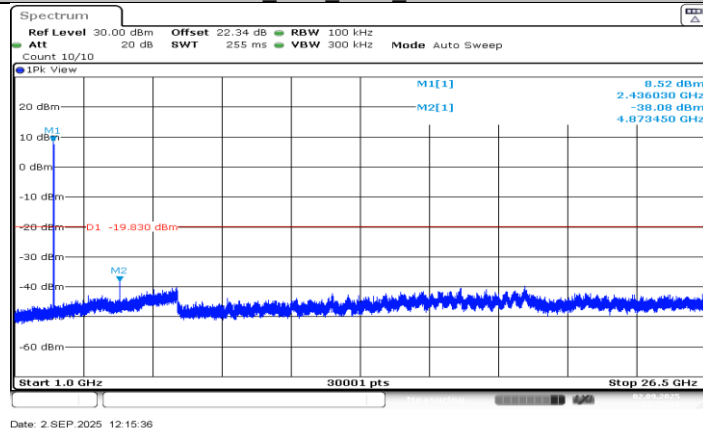
11B_Ant1_2437_1000~26500



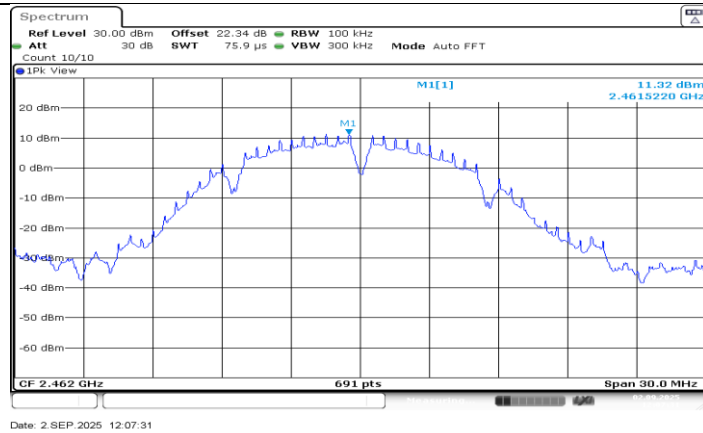
11B_Ant3_2437_0~Reference



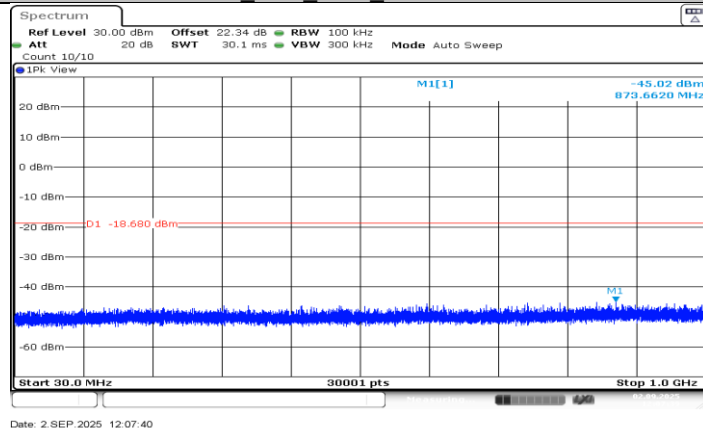
11B_Ant3_2437_30~1000



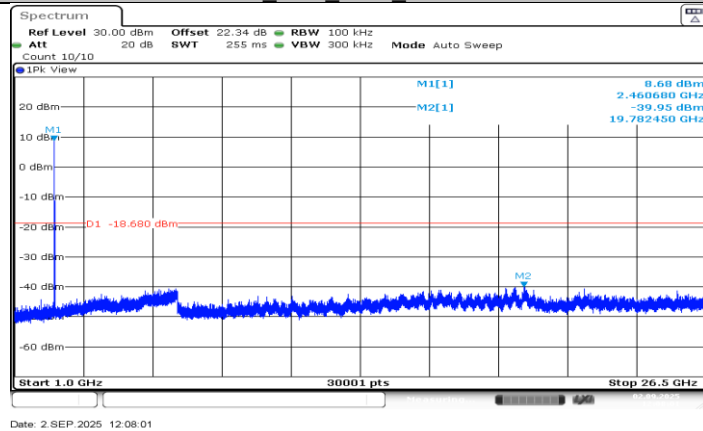
11B_Ant3_2437_1000~26500



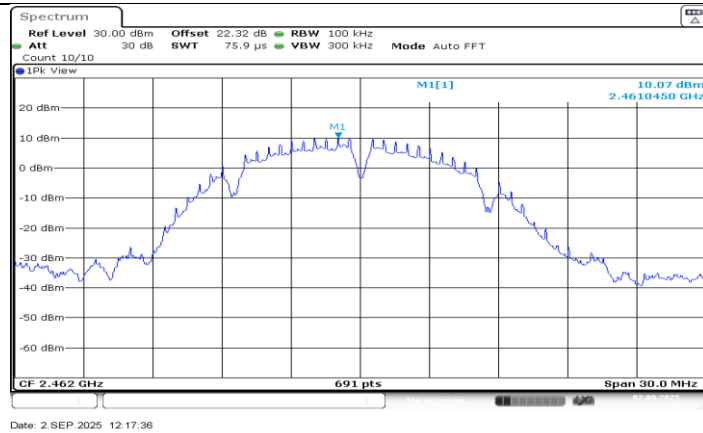
11B_Ant1_2462_0~Reference



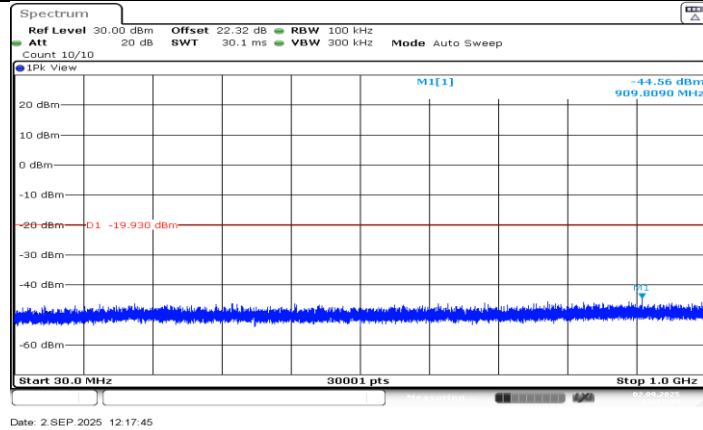
11B_Ant1_2462_30~1000



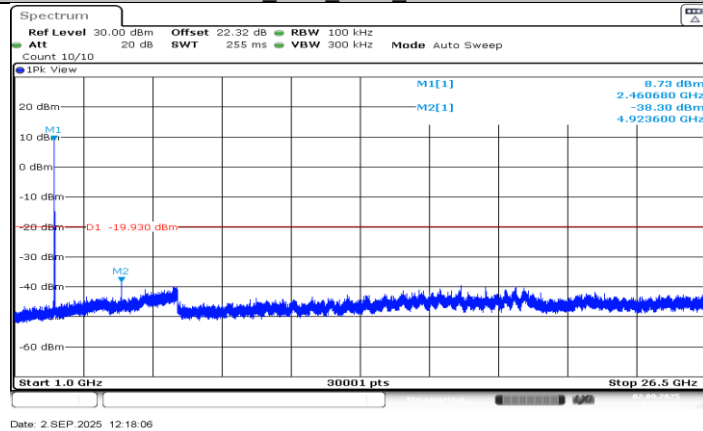
11B_Ant1_2462_1000~26500



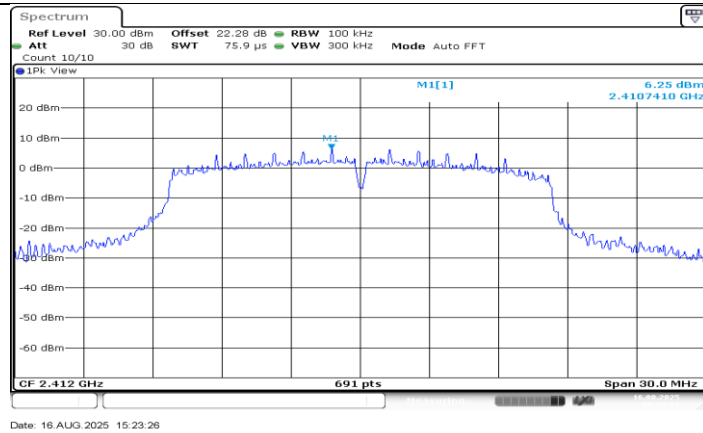
11B_Ant3_2462_0~Reference



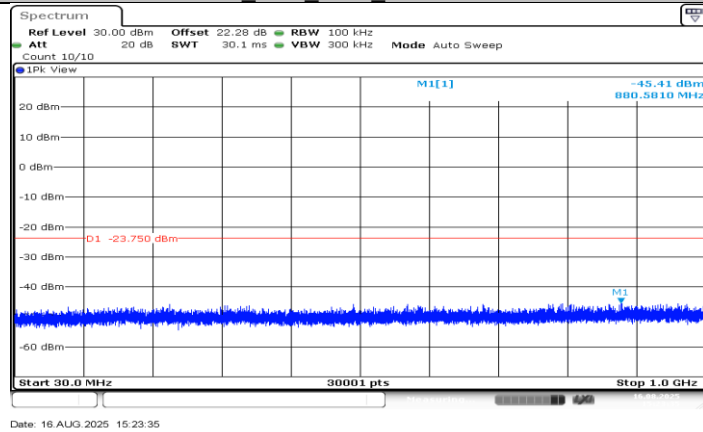
11B_Ant3_2462_30~1000



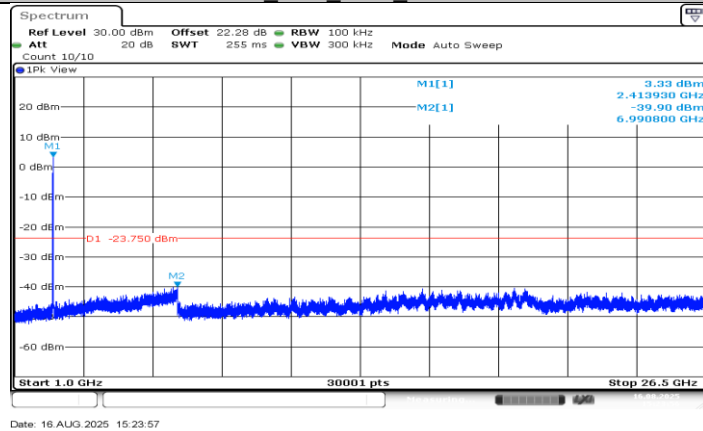
11B_Ant3_2462_1000~26500



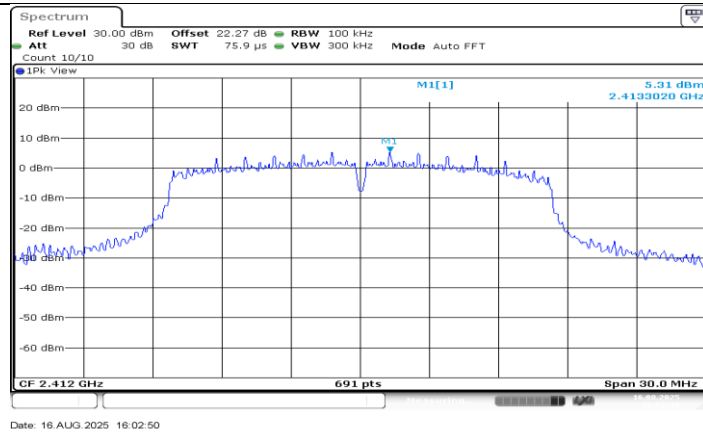
11G_Ant1_2412_0~Reference



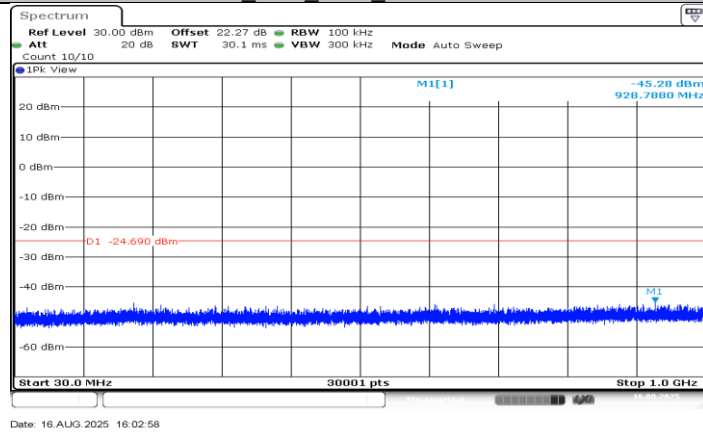
11G_Ant1_2412_30~1000



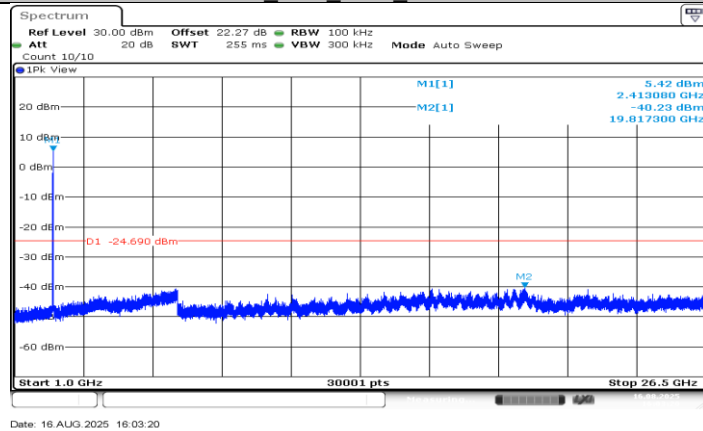
11G_Ant1_2412_1000~26500



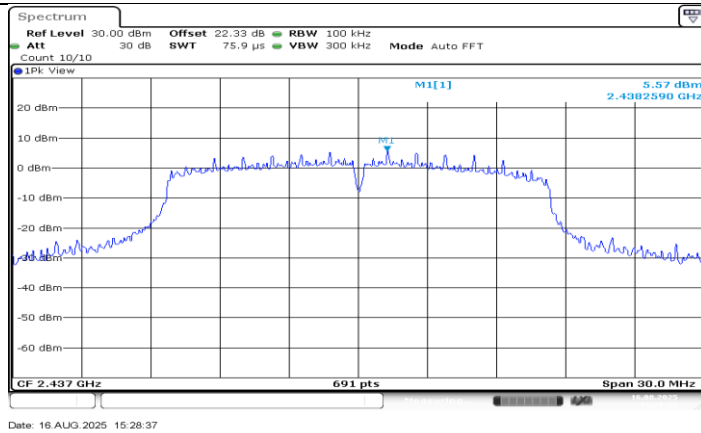
11G_Ant3_2412_0~Reference



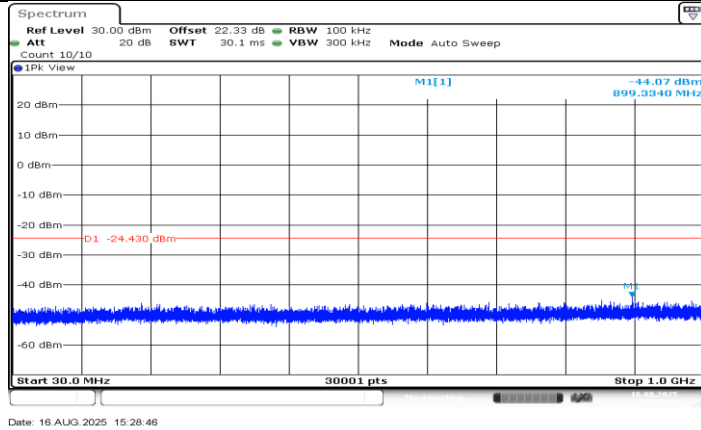
11G_Ant3_2412_30~1000



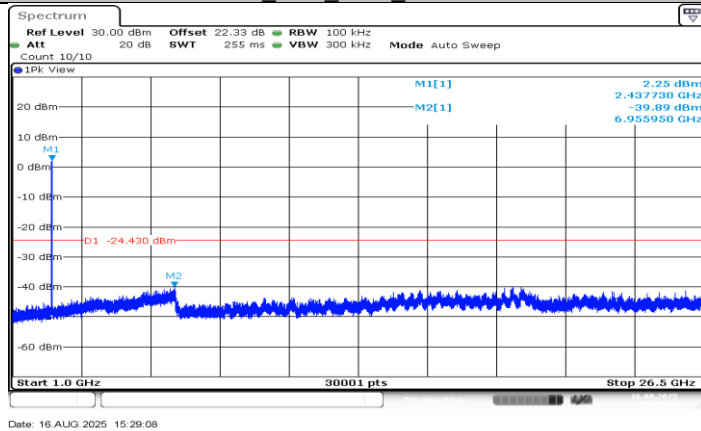
11G_Ant3_2412_1000~26500



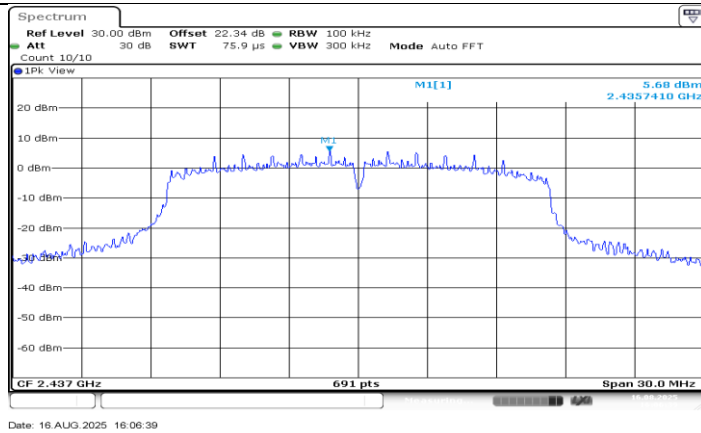
11G_Ant1_2437_0~Reference



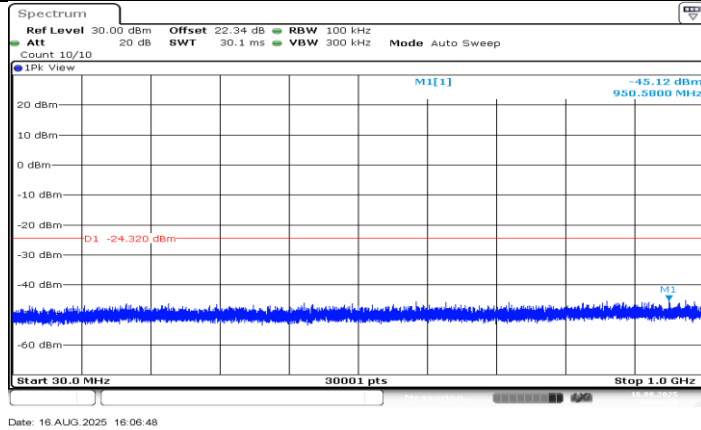
11G_Ant1_2437_30~1000



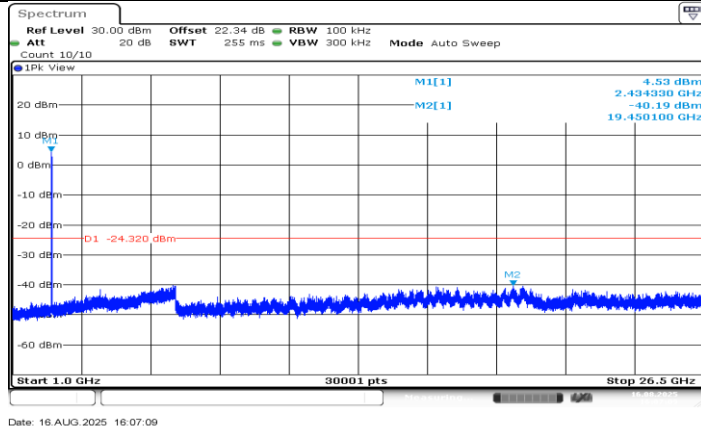
11G_Ant1_2437_1000~26500



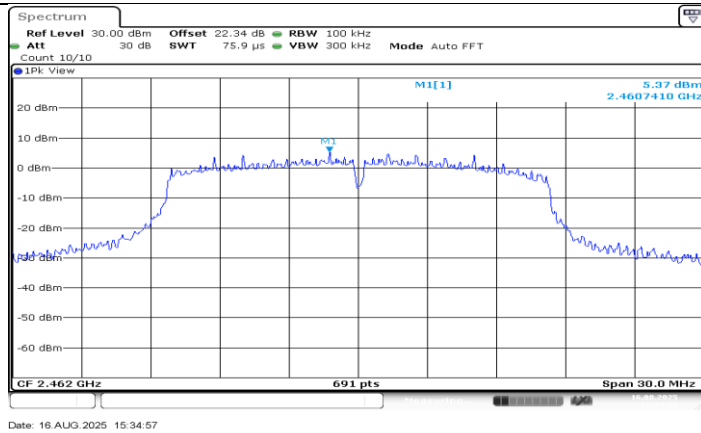
11G_Ant3_2437_0~Reference



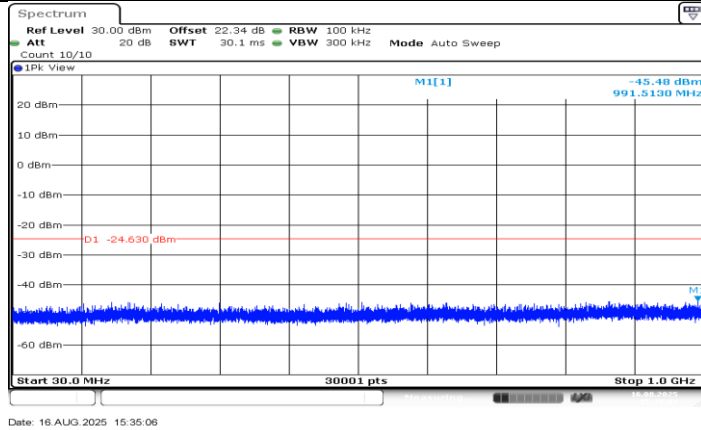
11G_Ant3_2437_30~1000



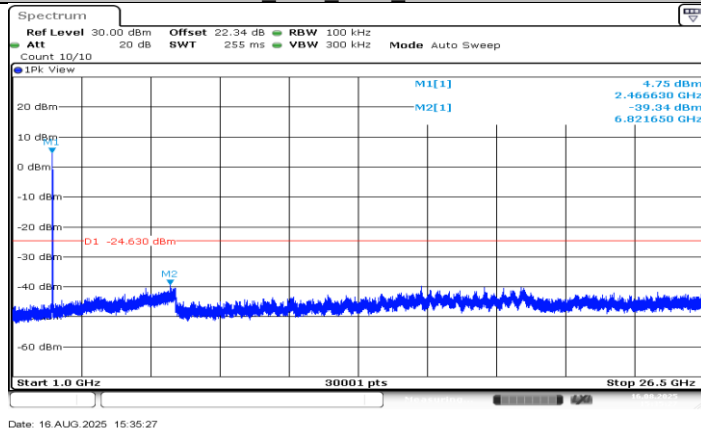
11G_Ant3_2437_1000~26500



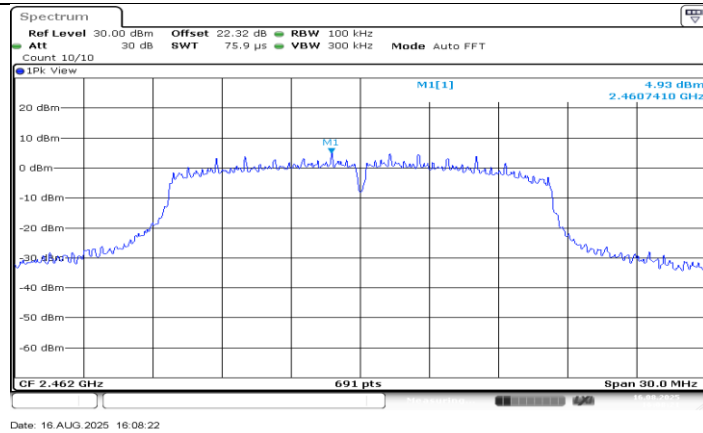
11G_Ant1_2462_0~Reference



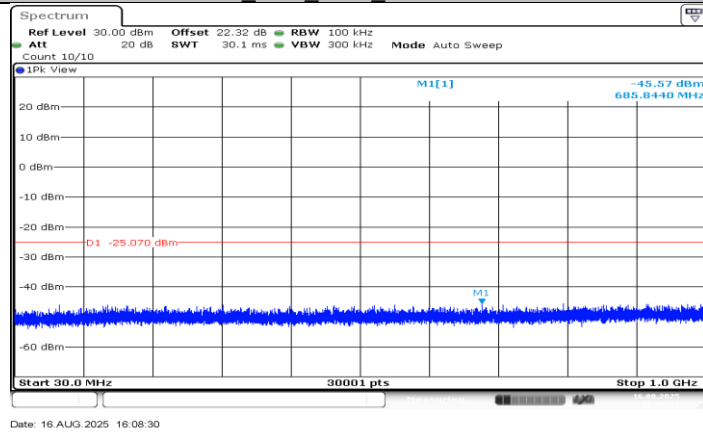
11G_Ant1_2462_30~1000



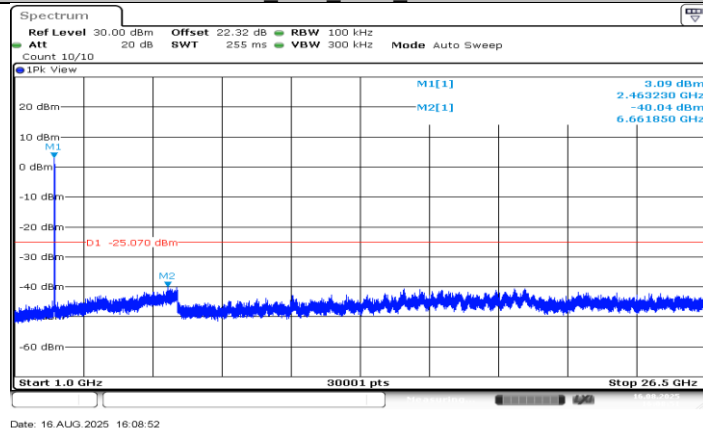
11G_Ant1_2462_1000~26500



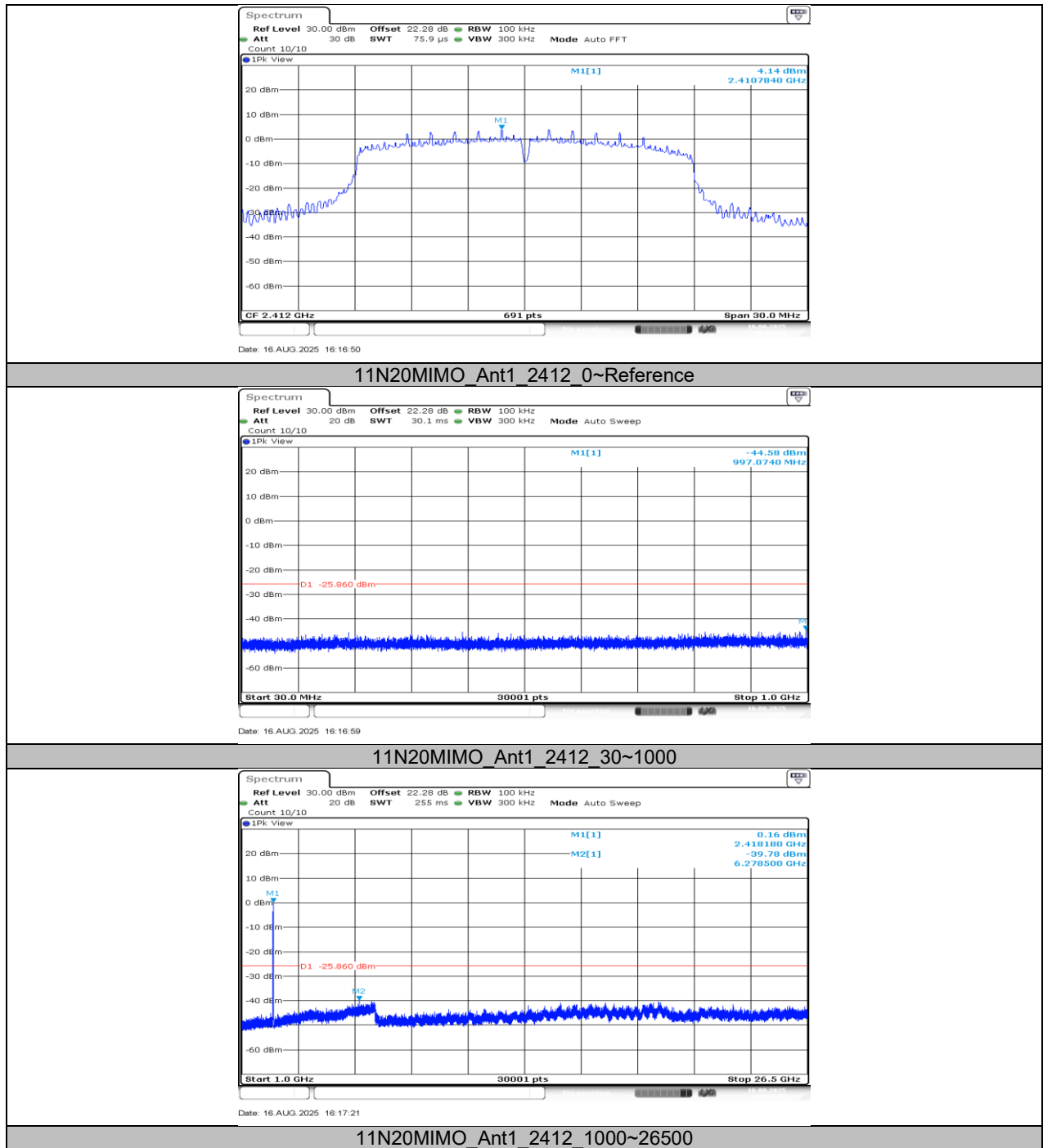
11G_Ant3_2462_0~Reference

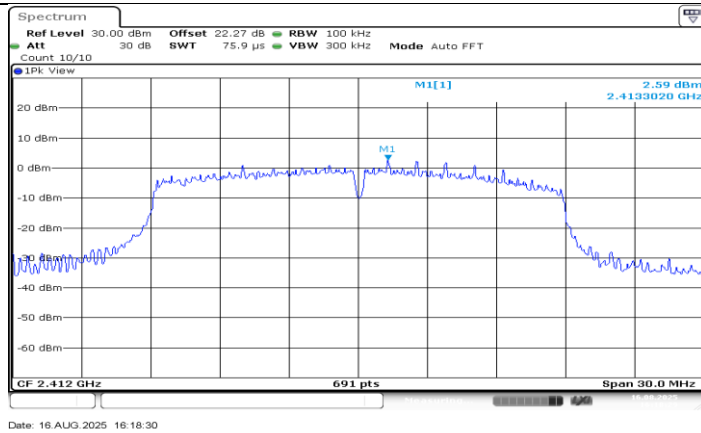


11G_Ant3_2462_30~1000

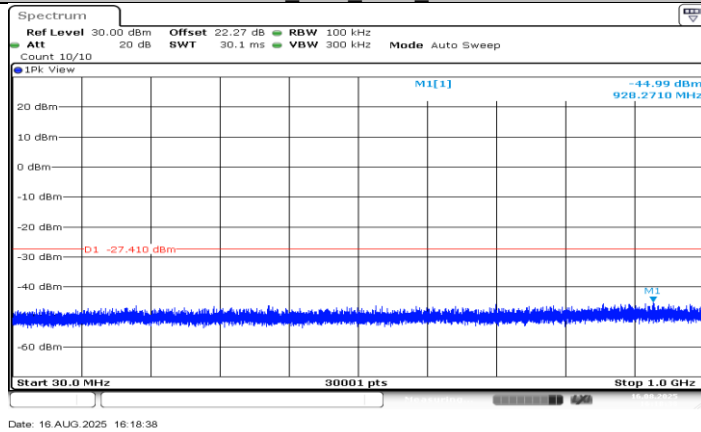


11G_Ant3_2462_1000~26500

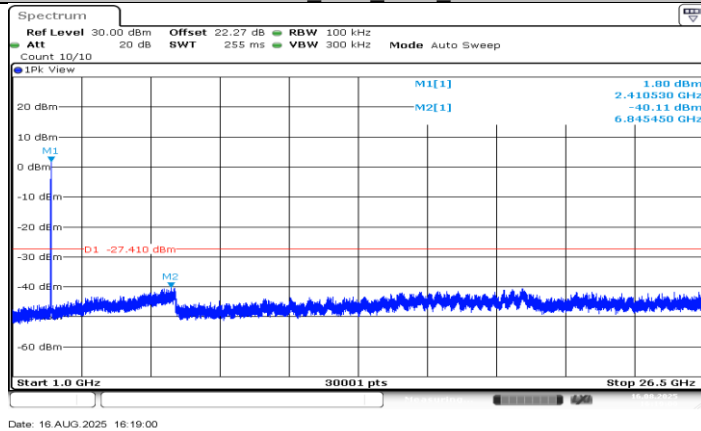




11N20MIMO_Ant3_2412_0~Reference



11N20MIMO_Ant3_2412_30~1000



11N20MIMO_Ant3_2412_1000~26500

