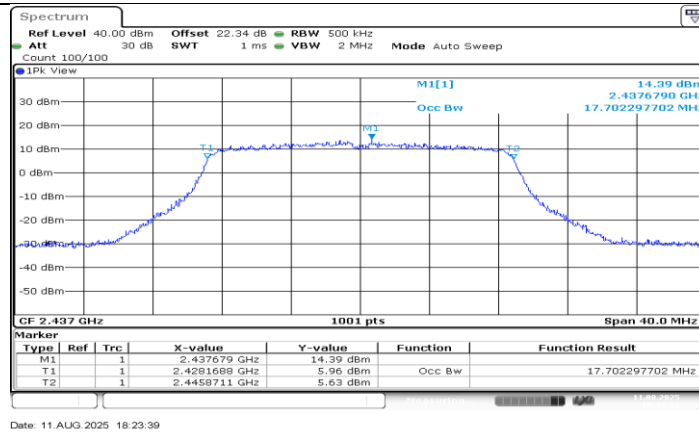
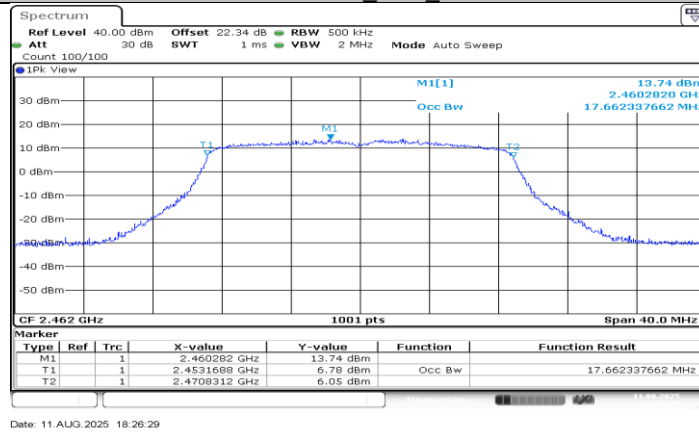
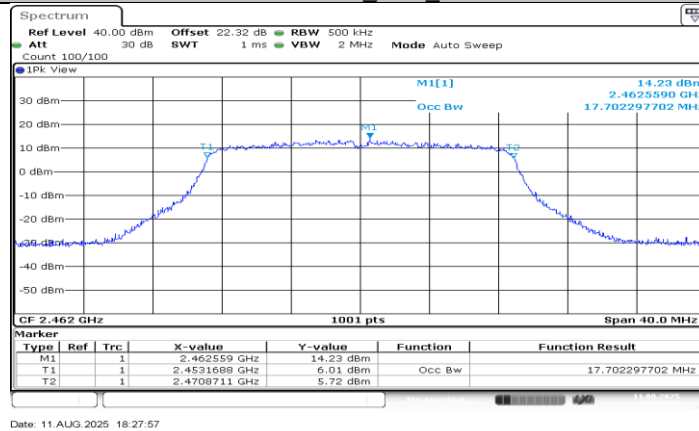




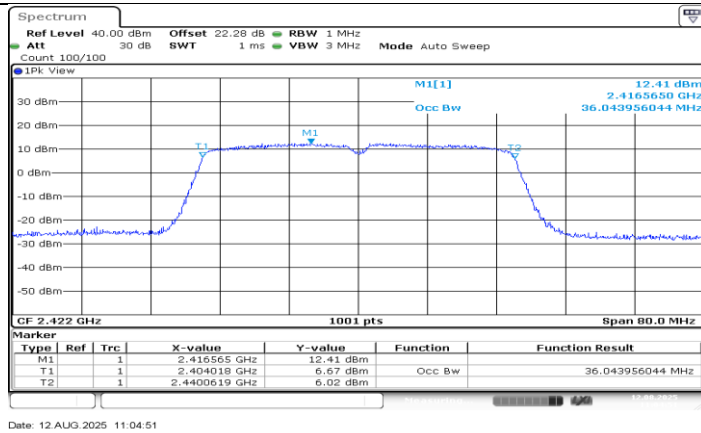
11N20MIMO_Ant2_2437



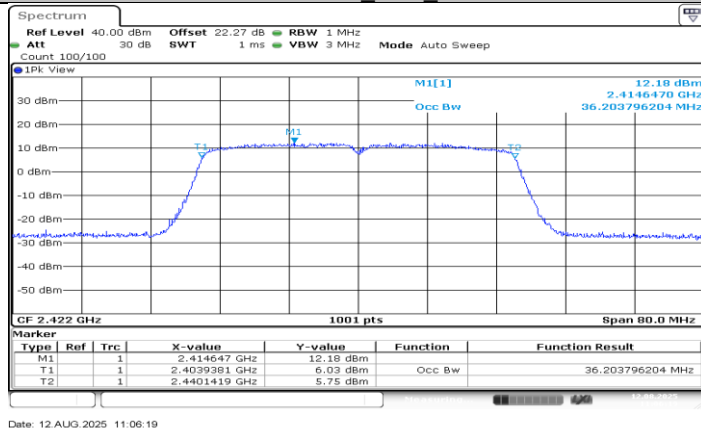
11N20MIMO_Ant1_2462



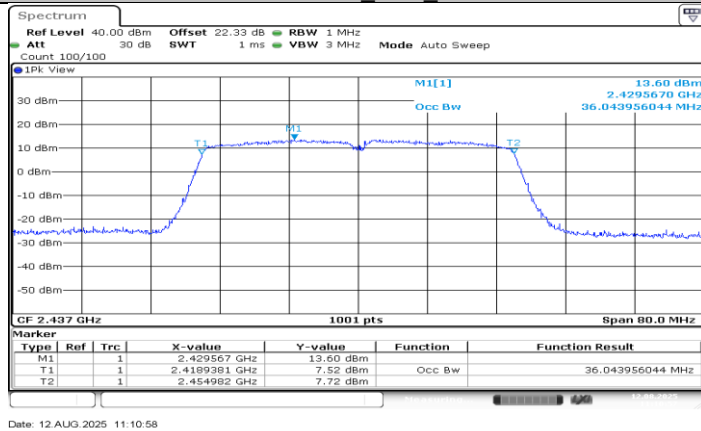
11N20MIMO_Ant2_2462



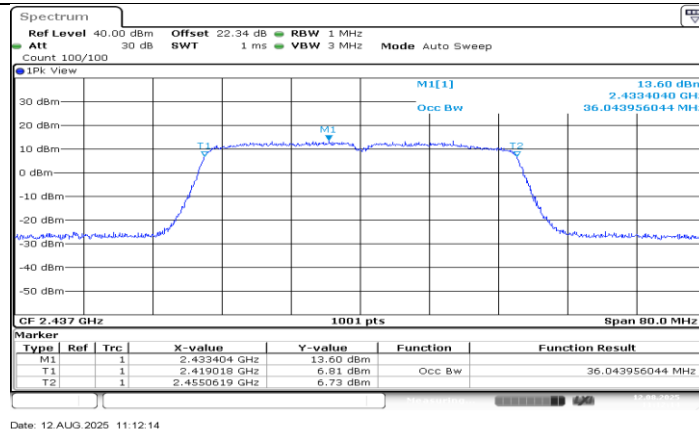
11N40MIMO_Ant1_2422



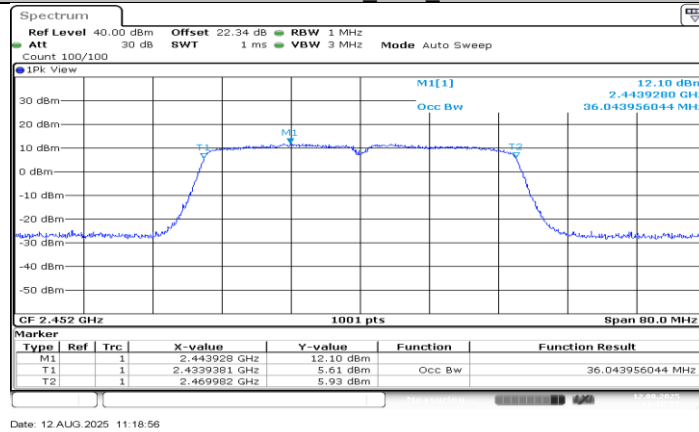
11N40MIMO_Ant2_2422



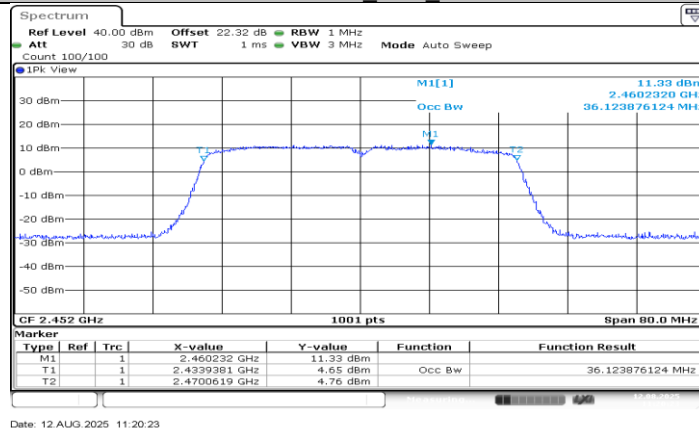
11N40MIMO_Ant1_2437



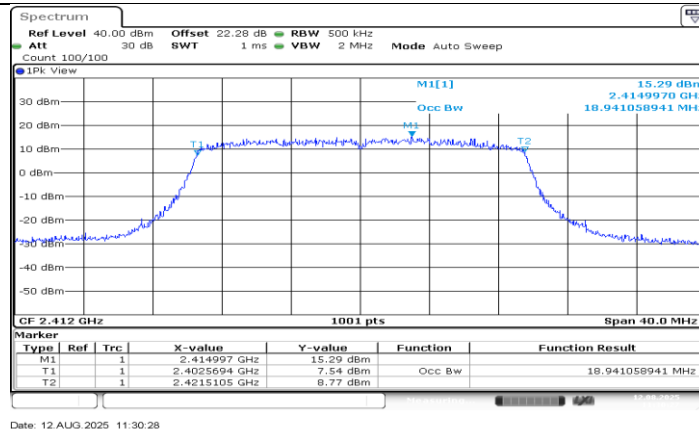
11N40MIMO_Ant2_2437



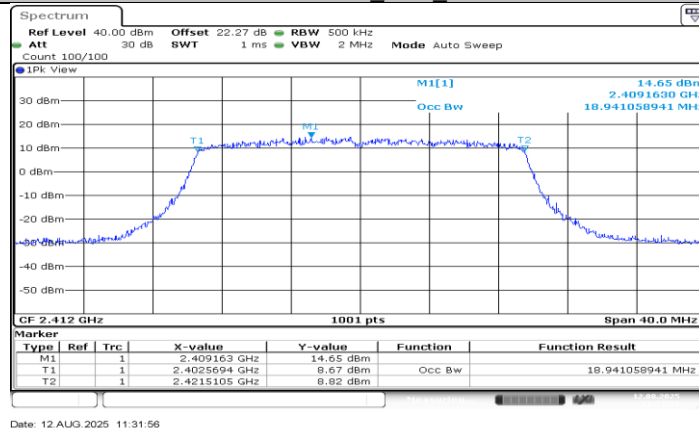
11N40MIMO_Ant1_2452



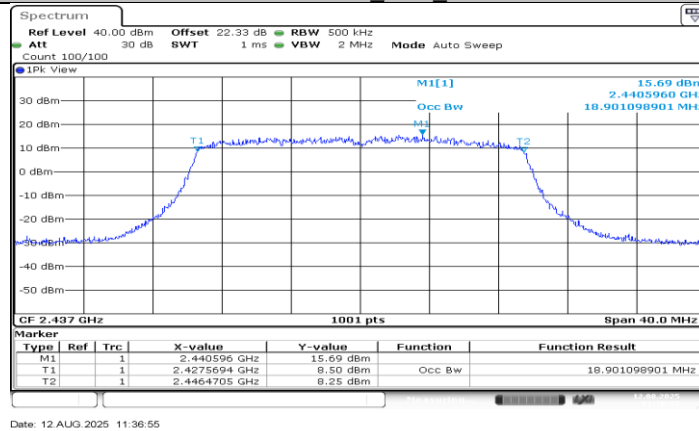
11N40MIMO_Ant2_2452



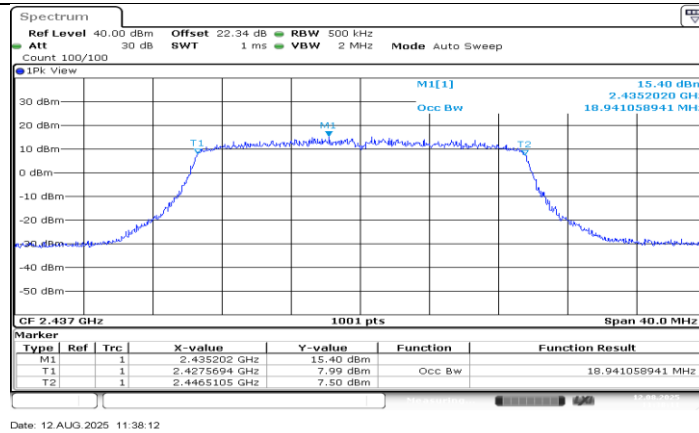
11AX20MIMO_Ant1_2412



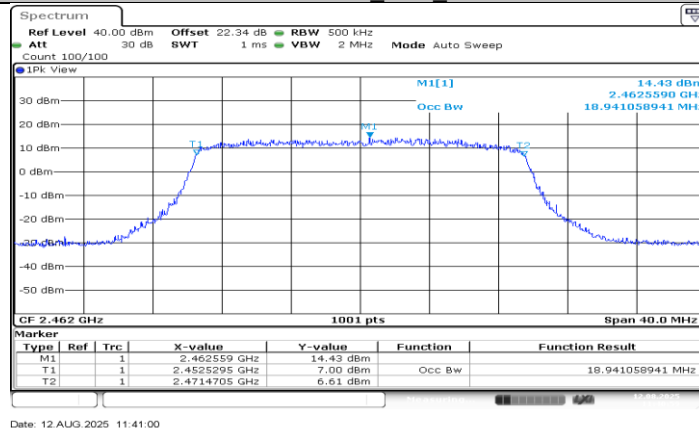
11AX20MIMO_Ant2_2412



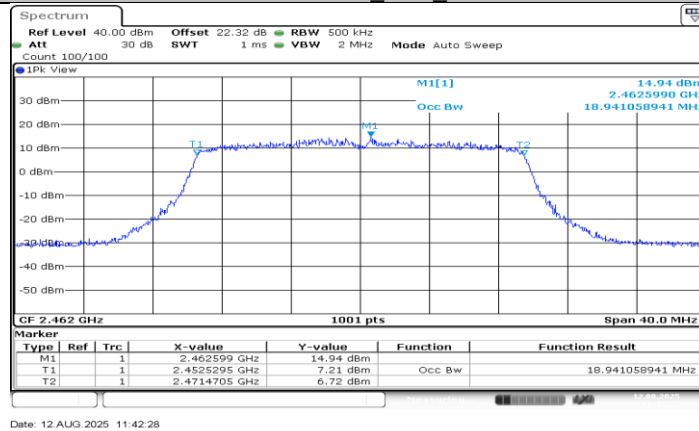
11AX20MIMO_Ant1_2437



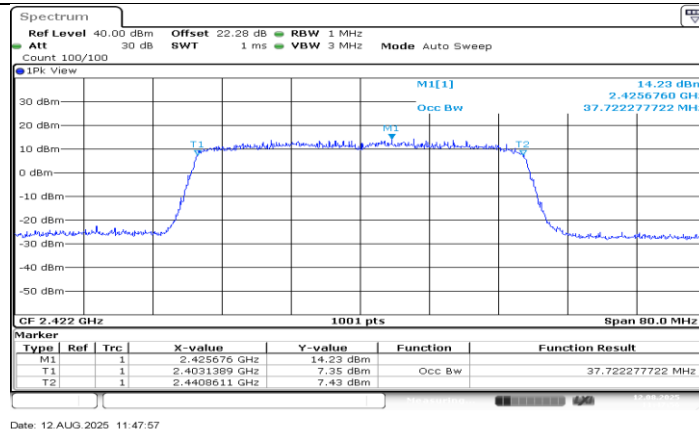
11AX20MIMO_Ant2_2437



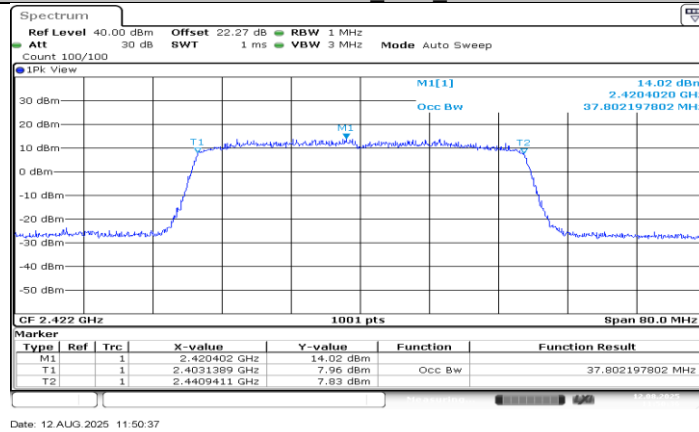
11AX20MIMO_Ant1_2462



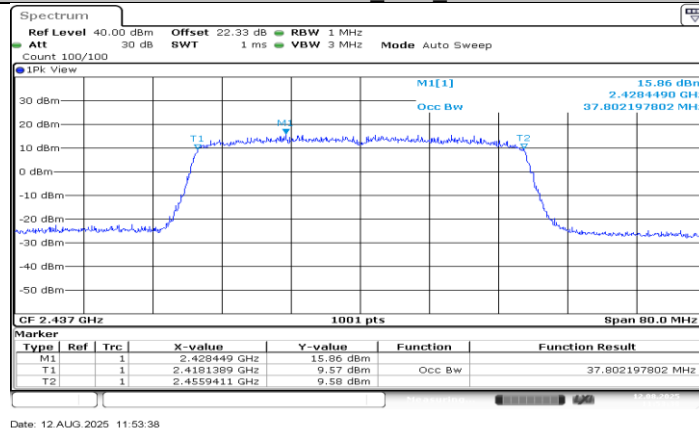
11AX20MIMO_Ant2_2462



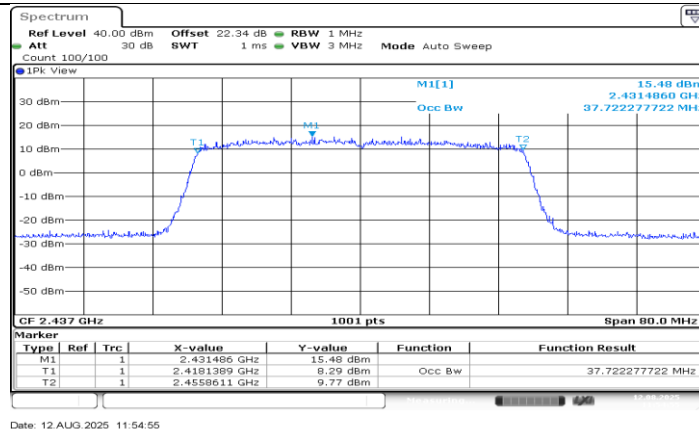
11AX40MIMO_Ant1_2422



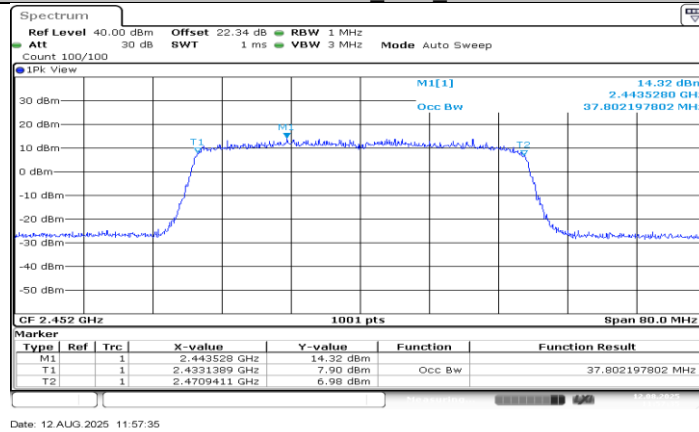
11AX40MIMO_Ant2_2422



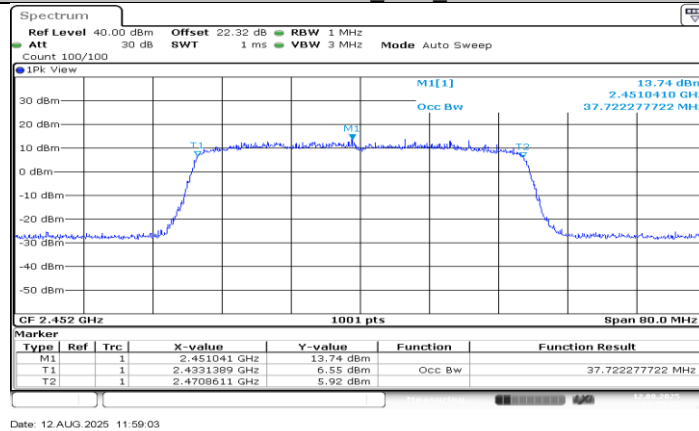
11AX40MIMO_Ant1_2437



11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452



11AX40MIMO_Ant2_2452

11.3. APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

11.3.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11B-MIMO	Ant1	2412	21.25	≤30.00	PASS
	Ant2	2412	20.86	≤30.00	PASS
	total	2412	24.07	≤30.00	PASS
	Ant1	2437	21.35	≤30.00	PASS
	Ant2	2437	20.72	≤30.00	PASS
	total	2437	24.06	≤30.00	PASS
	Ant1	2462	21.56	≤30.00	PASS
	Ant2	2462	20.93	≤30.00	PASS
	total	2462	24.27	≤30.00	PASS
11G-MIMO	Ant1	2412	19.81	≤30.00	PASS
	Ant2	2412	19.40	≤30.00	PASS
	total	2412	22.62	≤30.00	PASS
	Ant1	2437	19.82	≤30.00	PASS
	Ant2	2437	19.26	≤30.00	PASS
	total	2437	22.56	≤30.00	PASS
	Ant1	2462	19.98	≤30.00	PASS
	Ant2	2462	19.37	≤30.00	PASS
	total	2462	22.70	≤30.00	PASS
11N20MIMO	Ant1	2412	19.37	≤30.00	PASS
	Ant2	2412	18.92	≤30.00	PASS
	total	2412	22.16	≤30.00	PASS
	Ant1	2437	19.40	≤30.00	PASS
	Ant2	2437	18.86	≤30.00	PASS
	total	2437	22.15	≤30.00	PASS
	Ant1	2462	18.50	≤30.00	PASS
	Ant2	2462	17.90	≤30.00	PASS
	total	2462	21.22	≤30.00	PASS
11N40MIMO	Ant1	2422	18.38	≤30.00	PASS
	Ant2	2422	18.01	≤30.00	PASS
	total	2422	21.21	≤30.00	PASS
	Ant1	2437	19.44	≤30.00	PASS
	Ant2	2437	18.88	≤30.00	PASS
	total	2437	22.18	≤30.00	PASS
	Ant1	2452	17.74	≤30.00	PASS
	Ant2	2452	17.08	≤30.00	PASS
	total	2452	20.43	≤30.00	PASS
11AX20MIMO	Ant1	2412	19.41	≤30.00	PASS
	Ant2	2412	18.99	≤30.00	PASS
	total	2412	22.22	≤30.00	PASS
	Ant1	2437	19.52	≤30.00	PASS
	Ant2	2437	19.02	≤30.00	PASS
	total	2437	22.29	≤30.00	PASS
	Ant1	2462	18.71	≤30.00	PASS
	Ant2	2462	18.08	≤30.00	PASS
	total	2462	21.42	≤30.00	PASS
11AX40MIMO	Ant1	2422	18.46	≤30.00	PASS
	Ant2	2422	18.13	≤30.00	PASS
	total	2422	21.31	≤30.00	PASS
	Ant1	2437	19.68	≤30.00	PASS
	Ant2	2437	19.10	≤30.00	PASS
	total	2437	22.41	≤30.00	PASS
	Ant1	2452	17.90	≤30.00	PASS
	Ant2	2452	17.23	≤30.00	PASS
	total	2452	20.59	≤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.

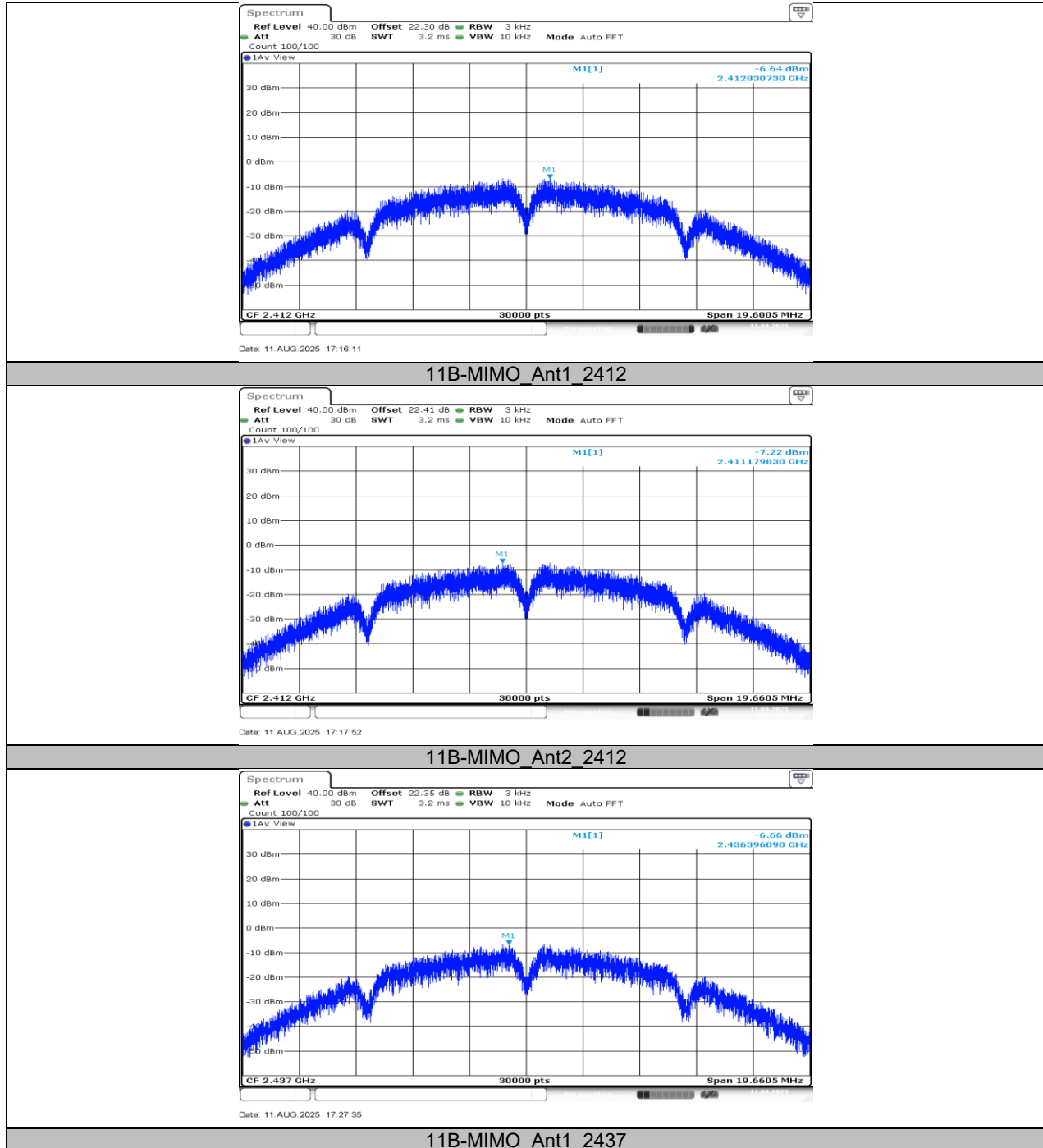
11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

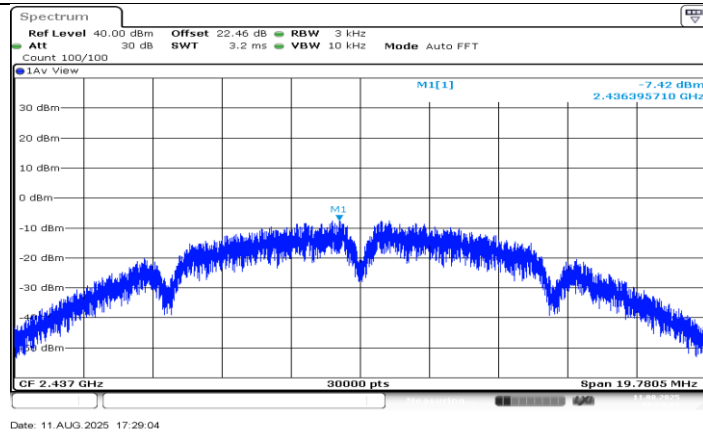
11.4.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B-MIMO	Ant1	2412	-6.64	≤8.00	PASS
	Ant2	2412	-7.22	≤8.00	PASS
	total	2412	-3.91	≤8.00	PASS
	Ant1	2437	-6.66	≤8.00	PASS
	Ant2	2437	-7.42	≤8.00	PASS
	total	2437	-4.01	≤8.00	PASS
	Ant1	2462	-6.53	≤8.00	PASS
	Ant2	2462	-7.29	≤8.00	PASS
	total	2462	-3.88	≤8.00	PASS
11G-MIMO	Ant1	2412	-12.49	≤8.00	PASS
	Ant2	2412	-12.91	≤8.00	PASS
	total	2412	-9.68	≤8.00	PASS
	Ant1	2437	-12.68	≤8.00	PASS
	Ant2	2437	-12.98	≤8.00	PASS
	total	2437	-9.82	≤8.00	PASS
	Ant1	2462	-12.19	≤8.00	PASS
	Ant2	2462	-12.94	≤8.00	PASS
	total	2462	-9.54	≤8.00	PASS
11N20MIMO	Ant1	2412	-15.71	≤8.00	PASS
	Ant2	2412	-16.09	≤8.00	PASS
	total	2412	-12.89	≤8.00	PASS
	Ant1	2437	-15.77	≤8.00	PASS
	Ant2	2437	-15.96	≤8.00	PASS
	total	2437	-12.85	≤8.00	PASS
	Ant1	2462	-16.76	≤8.00	PASS
	Ant2	2462	-16.92	≤8.00	PASS
	total	2462	-13.83	≤8.00	PASS
11N40MIMO	Ant1	2422	-19.43	≤8.00	PASS
	Ant2	2422	-19.59	≤8.00	PASS
	total	2422	-16.50	≤8.00	PASS
	Ant1	2437	-18.65	≤8.00	PASS
	Ant2	2437	-18.88	≤8.00	PASS
	total	2437	-15.75	≤8.00	PASS
	Ant1	2452	-20.23	≤8.00	PASS
	Ant2	2452	-20.78	≤8.00	PASS
	total	2452	-17.49	≤8.00	PASS
11AX20MIMO	Ant1	2412	-16.68	≤8.00	PASS
	Ant2	2412	-16.81	≤8.00	PASS
	total	2412	-13.73	≤8.00	PASS
	Ant1	2437	-16.58	≤8.00	PASS
	Ant2	2437	-16.92	≤8.00	PASS
	total	2437	-13.74	≤8.00	PASS
	Ant1	2462	-17.19	≤8.00	PASS
	Ant2	2462	-18.15	≤8.00	PASS
	total	2462	-14.63	≤8.00	PASS
11AX40MIMO	Ant1	2422	-20.37	≤8.00	PASS
	Ant2	2422	-20.84	≤8.00	PASS
	total	2422	-17.59	≤8.00	PASS
	Ant1	2437	-19.08	≤8.00	PASS
	Ant2	2437	-19.48	≤8.00	PASS
	total	2437	-16.27	≤8.00	PASS
	Ant1	2452	-21.26	≤8.00	PASS
	Ant2	2452	-21.71	≤8.00	PASS
	total	2452	-18.47	≤8.00	PASS

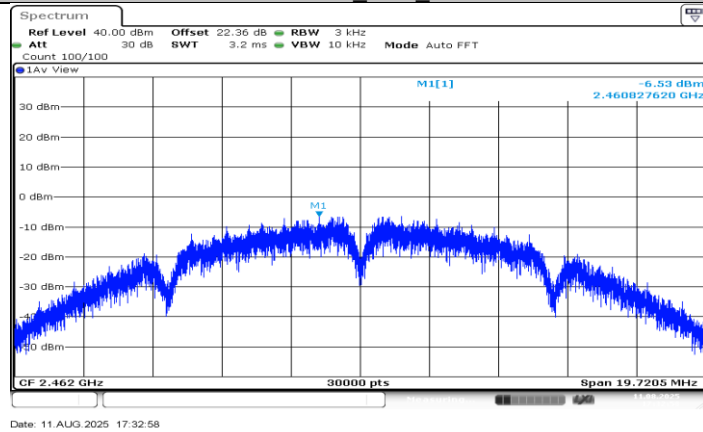
Note: 1. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

11.4.2. Test Graphs

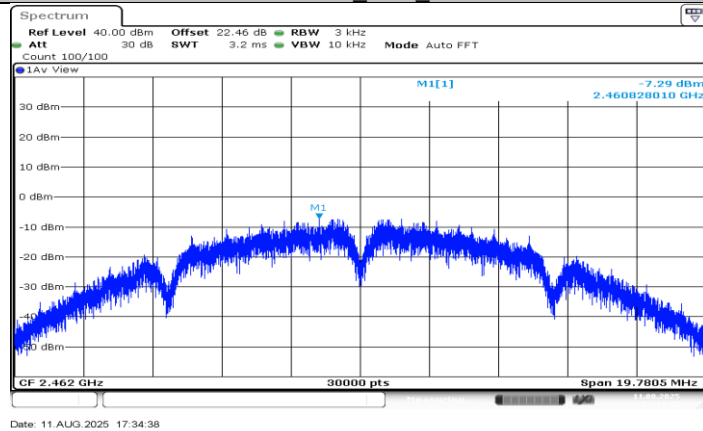




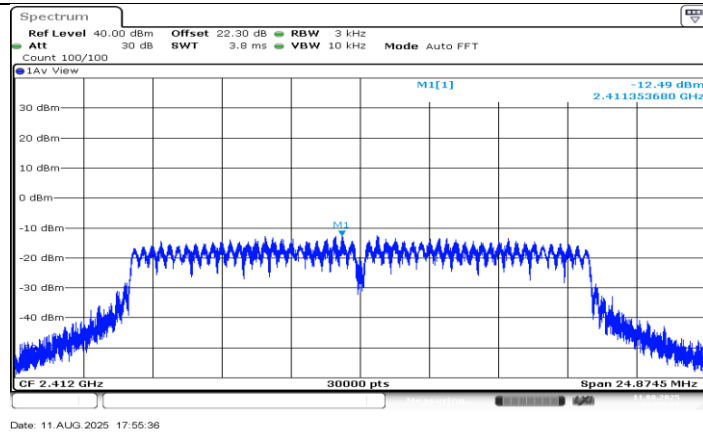
11B-MIMO_Ant2_2437



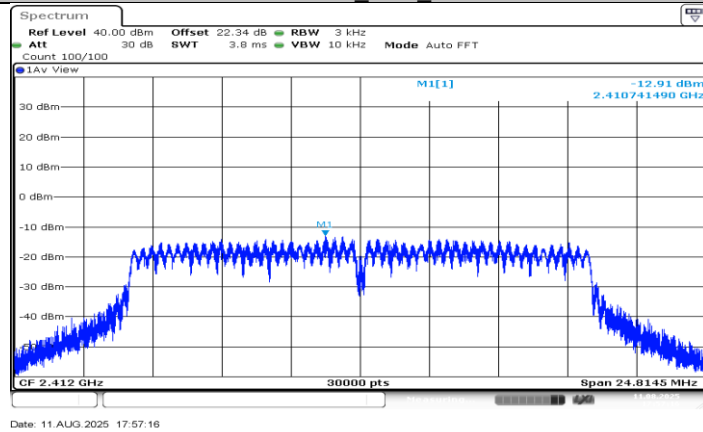
11B-MIMO_Ant1_2462



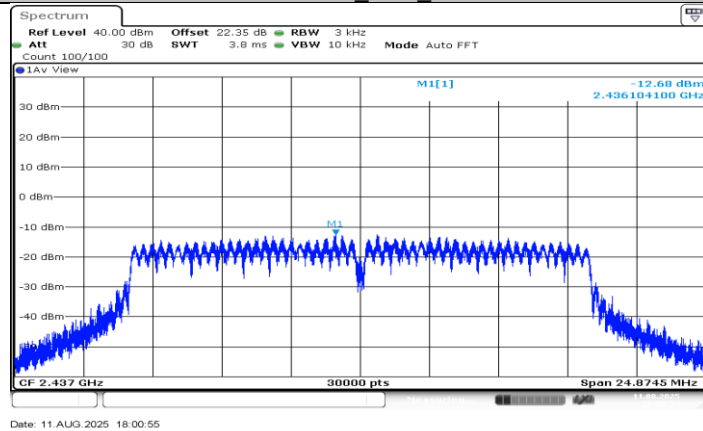
11B-MIMO_Ant2_2462



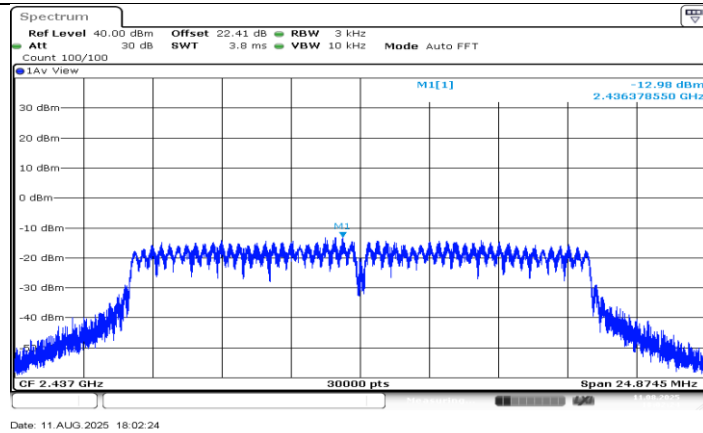
11G-MIMO_Ant1_2412



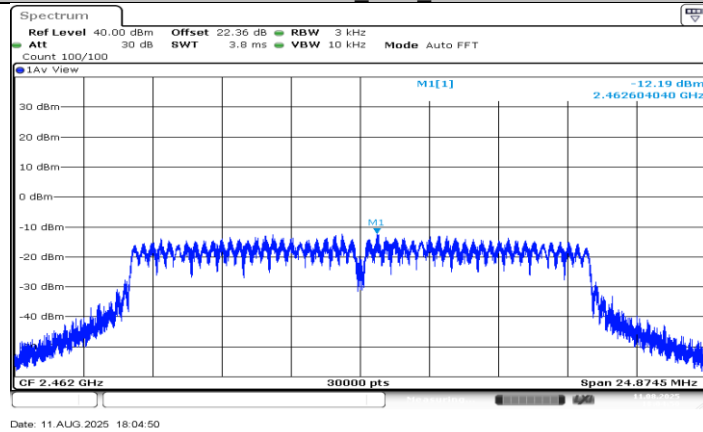
11G-MIMO_Ant2_2412



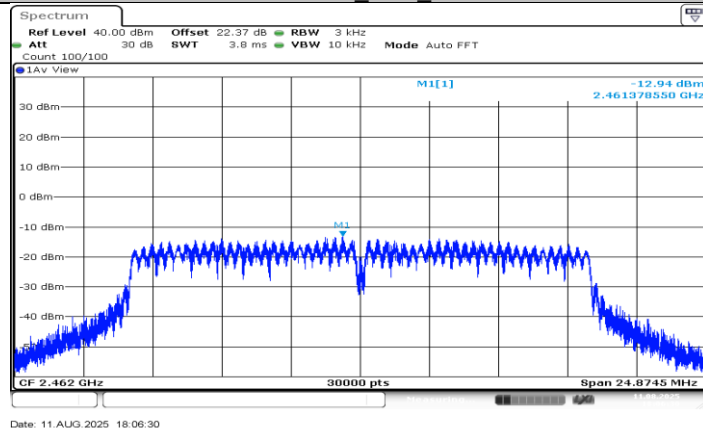
11G-MIMO_Ant1_2437



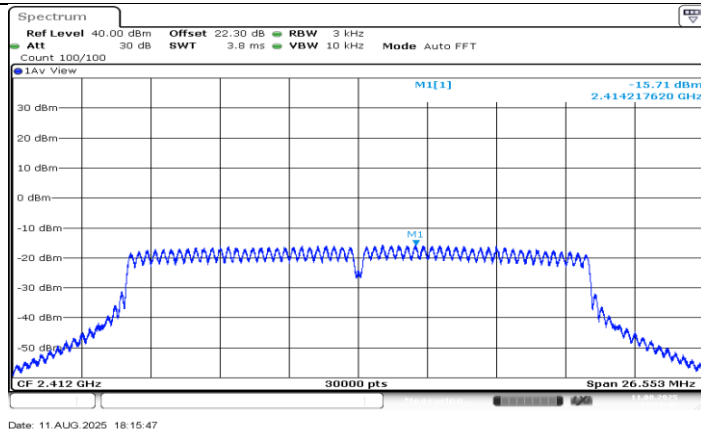
11G-MIMO_Ant2_2437



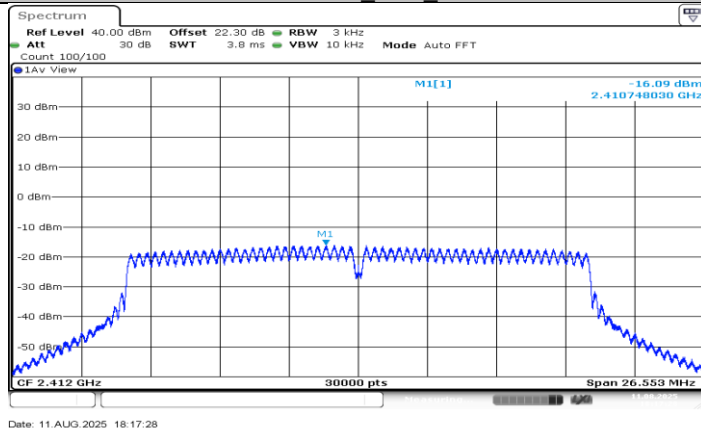
11G-MIMO_Ant1_2462



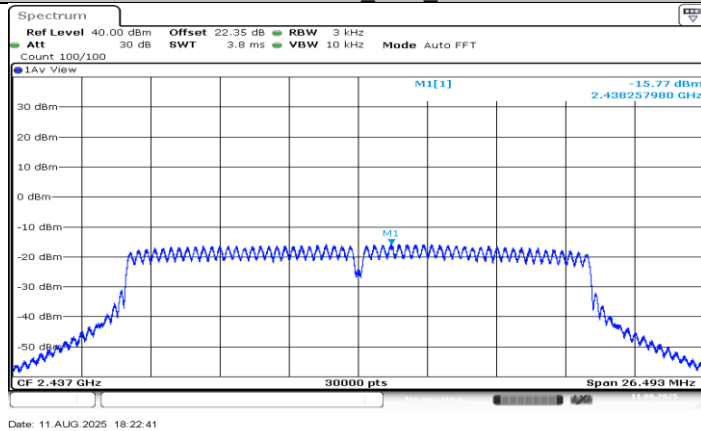
11G-MIMO_Ant2_2462



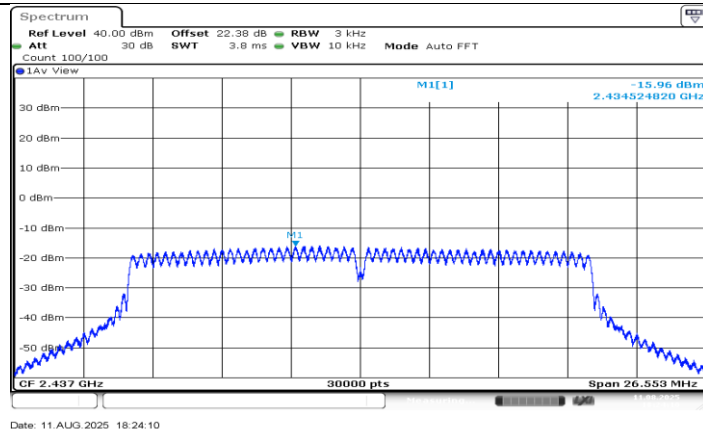
11N20MIMO_Ant1_2412



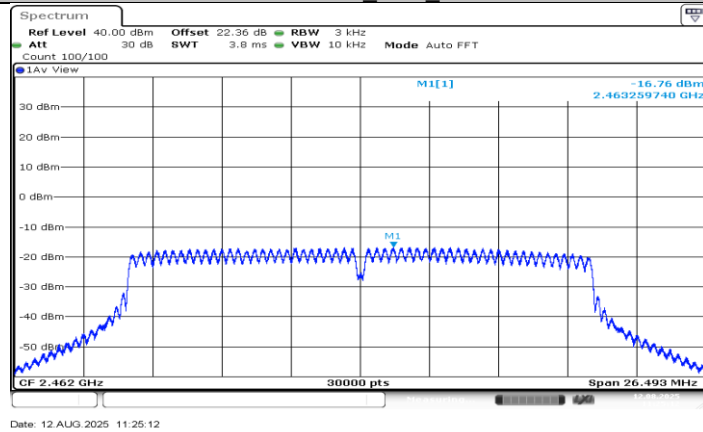
11N20MIMO_Ant2_2412



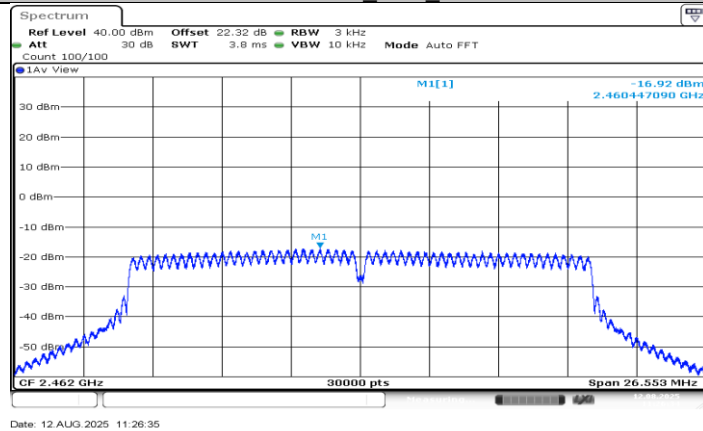
11N20MIMO_Ant1_2437



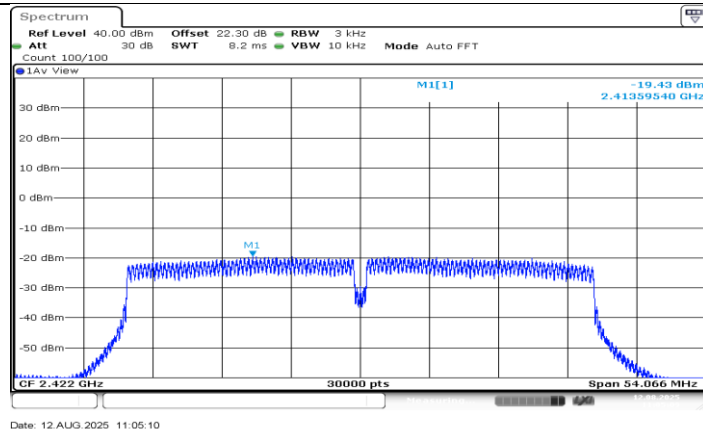
11N20MIMO_Ant2_2437



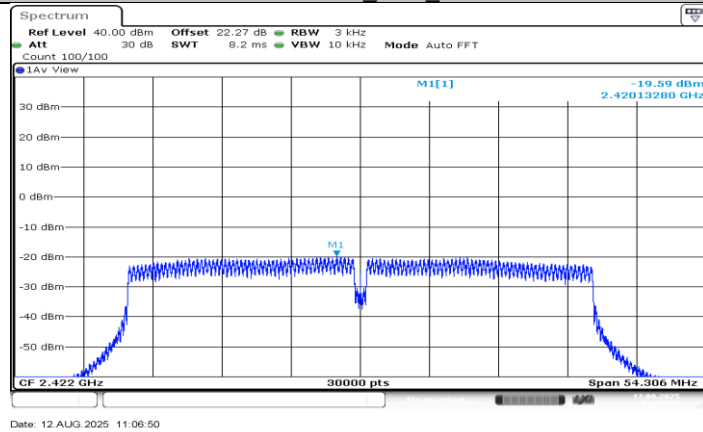
11N20MIMO_Ant1_2462



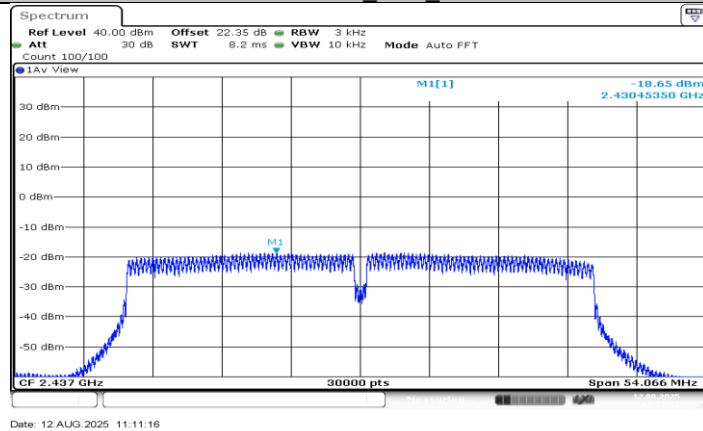
11N20MIMO_Ant2_2462



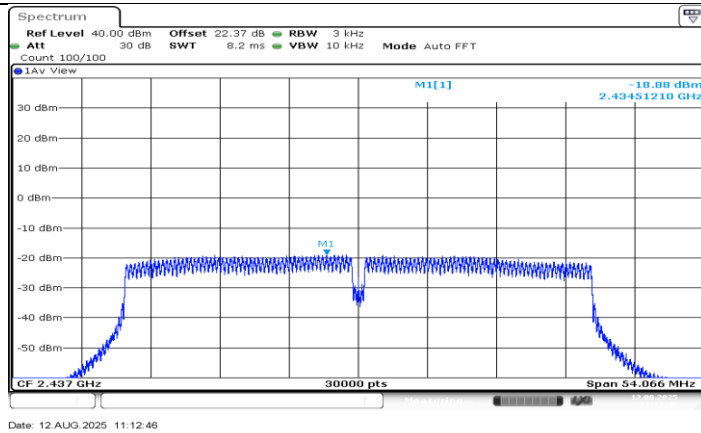
11N40MIMO_Ant1_2422



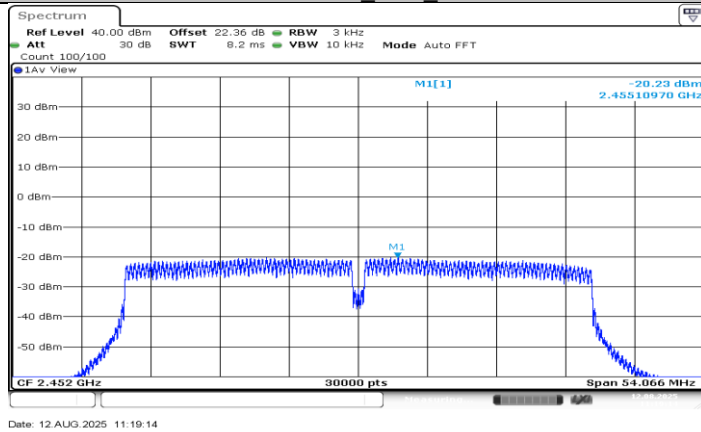
11N40MIMO_Ant2_2422



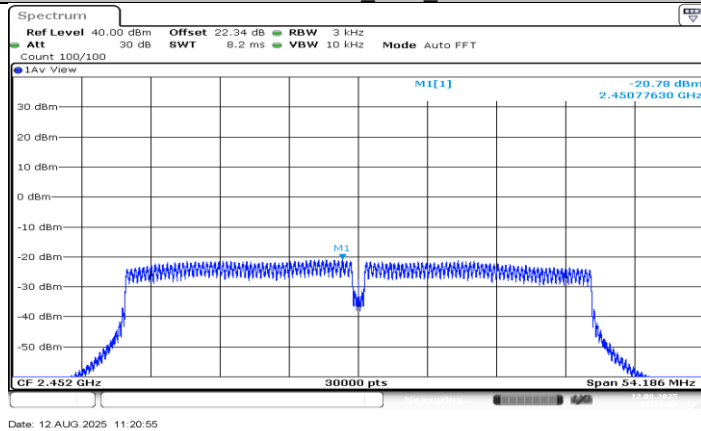
11N40MIMO_Ant1_2437



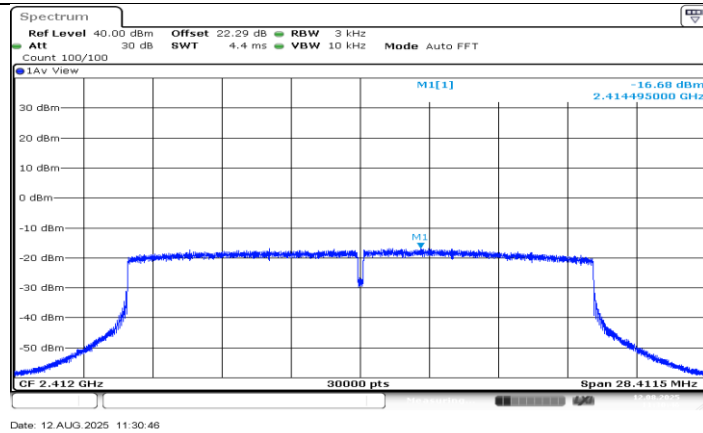
11N40MIMO_Ant2_2437



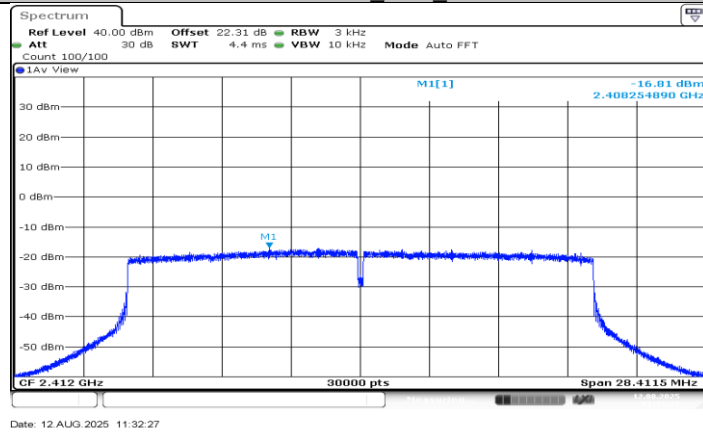
11N40MIMO_Ant1_2452



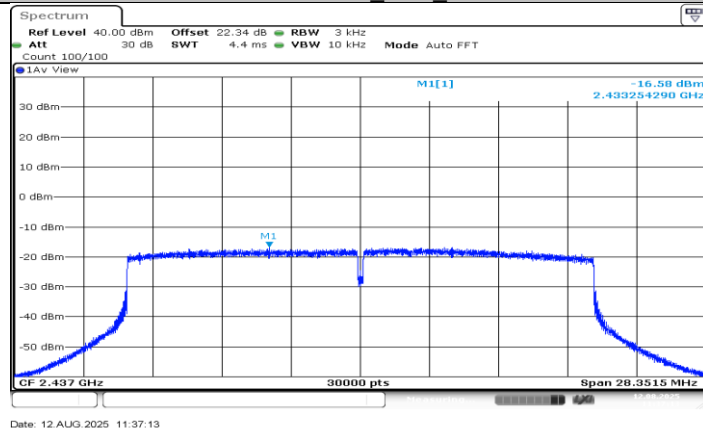
11N40MIMO_Ant2_2452



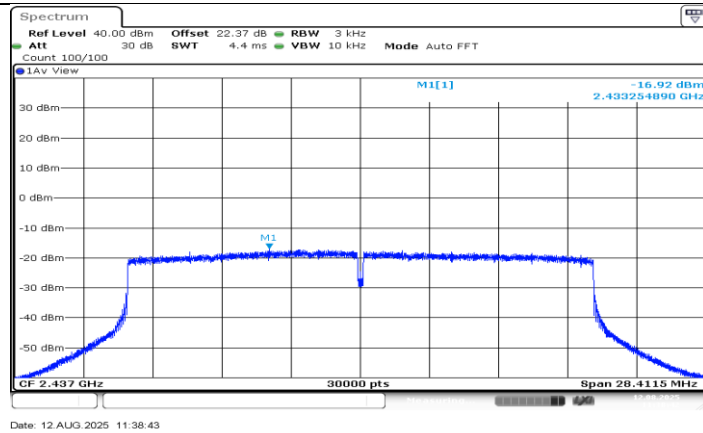
11AX20MIMO_Ant1_2412



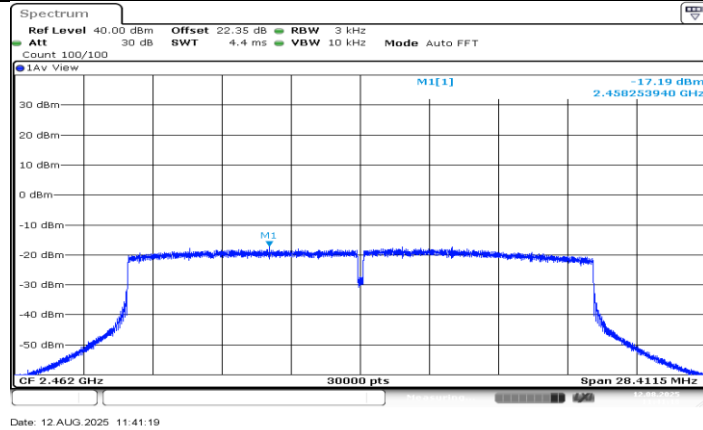
11AX20MIMO_Ant2_2412



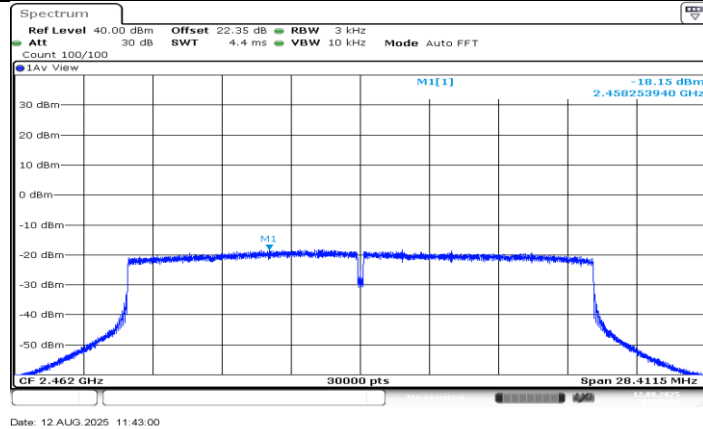
11AX20MIMO_Ant1_2437



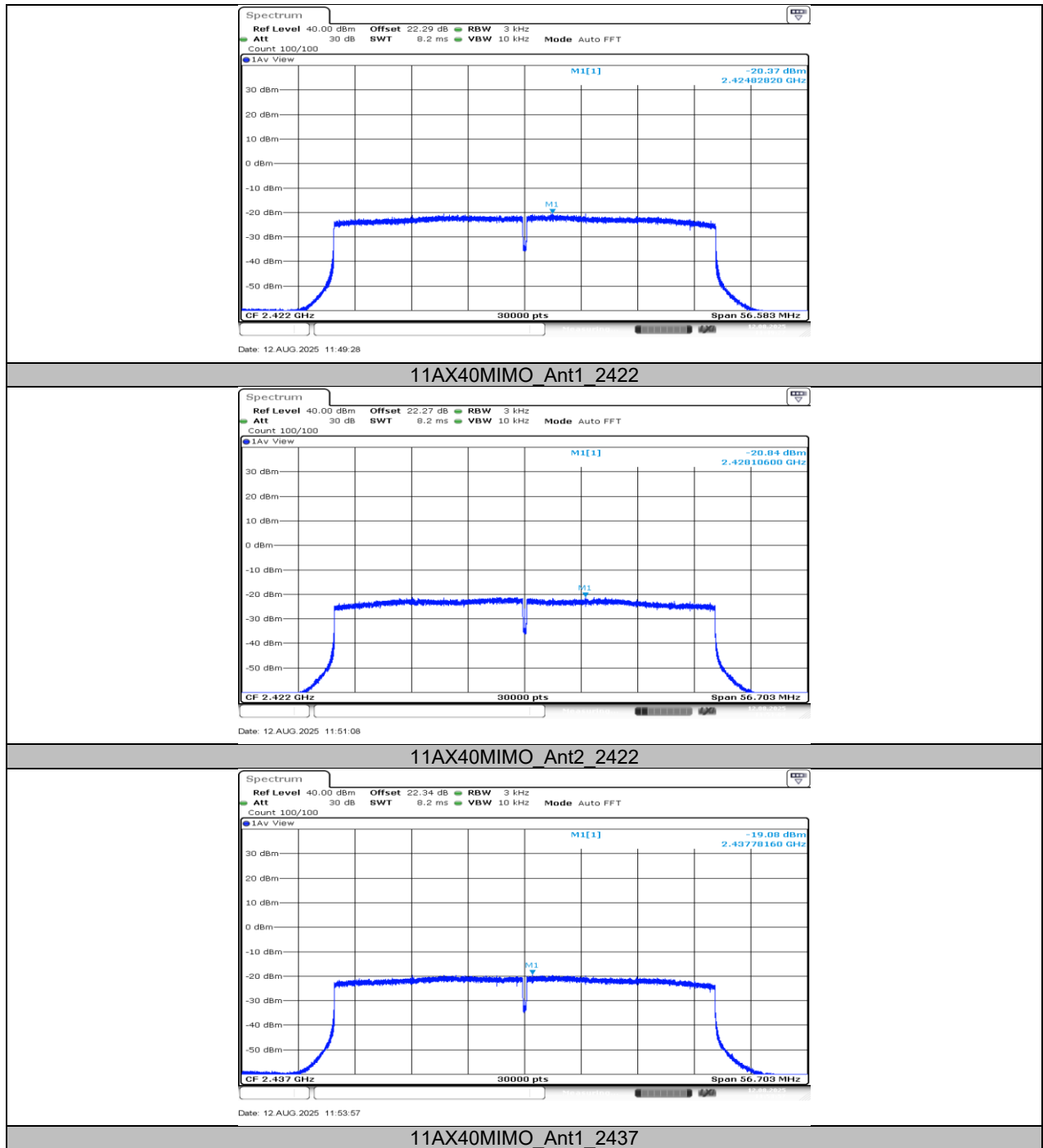
11AX20MIMO_Ant2_2437

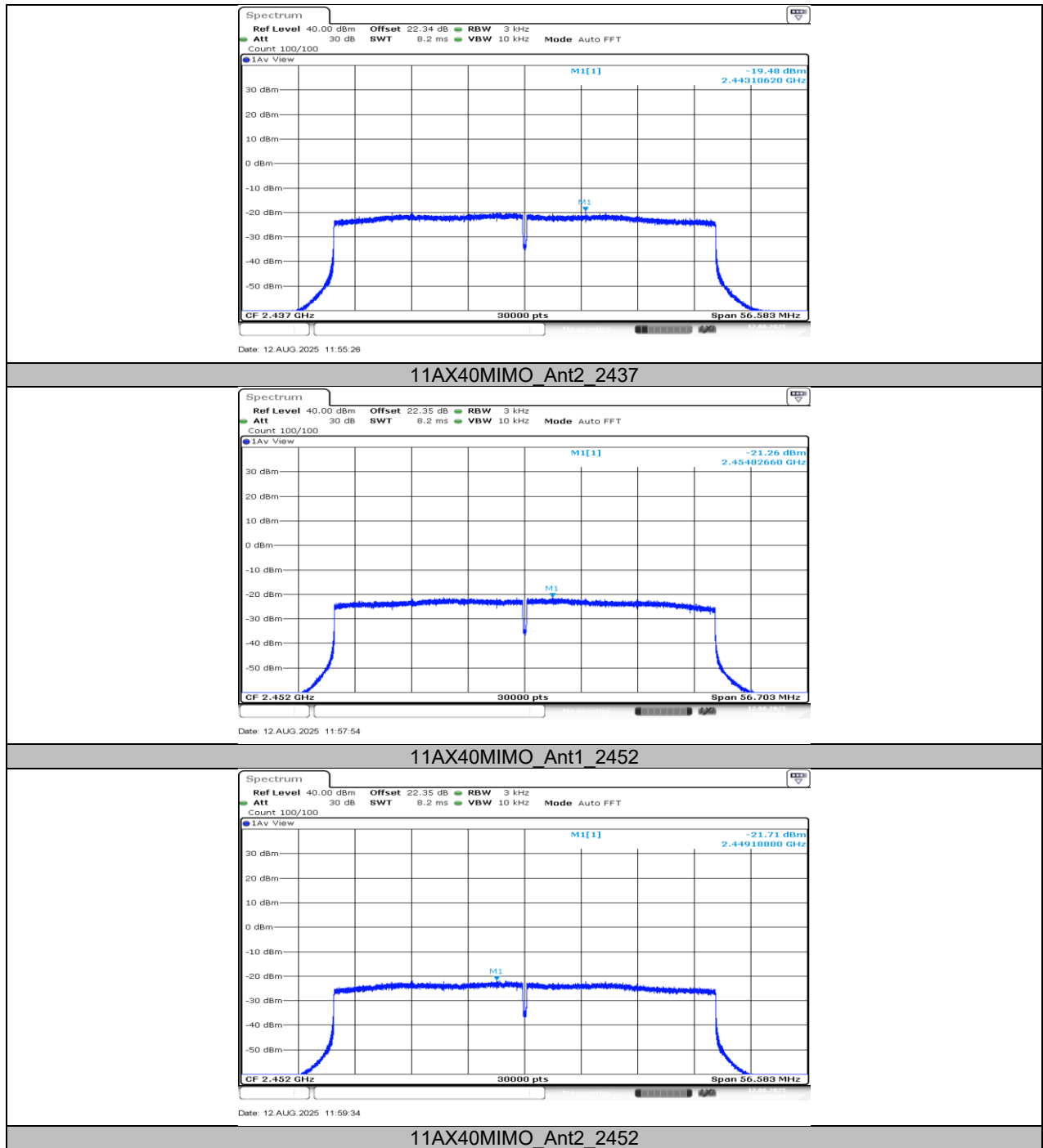


11AX20MIMO_Ant1_2462



11AX20MIMO_Ant2_2462



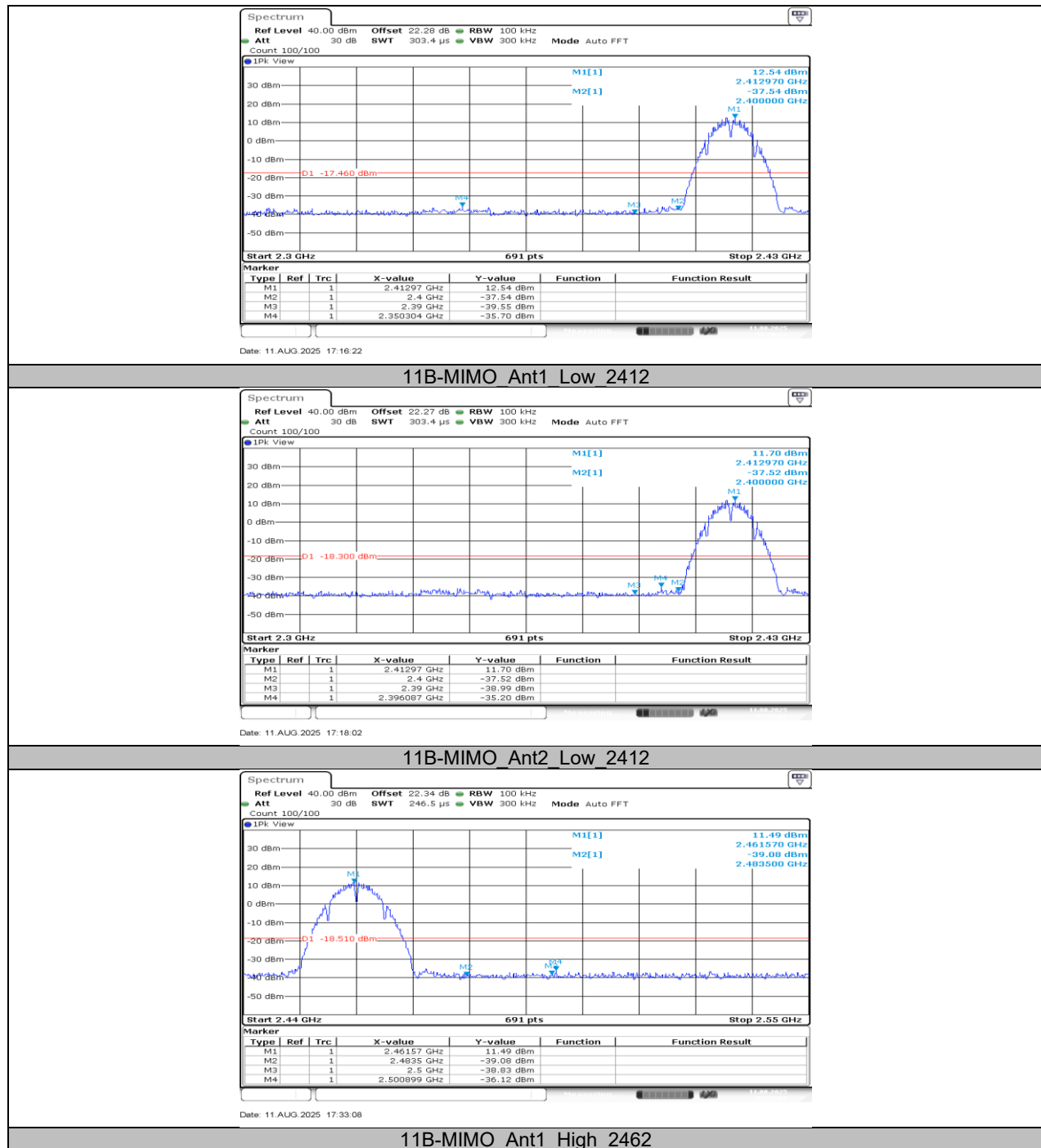


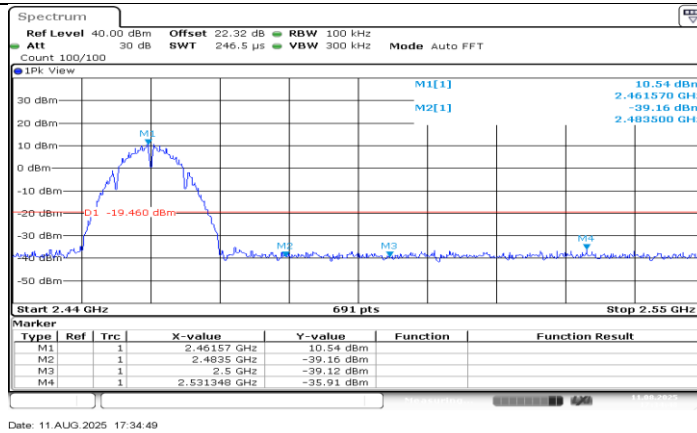
11.5. APPENDIX E: BAND EDGE MEASUREMENTS

11.5.1. Test Result

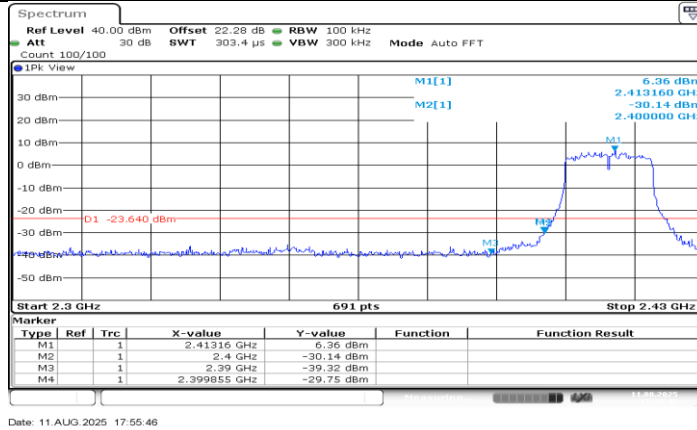
Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
11B-MIMO	Ant1	Low	2412	12.54	-35.7	≤-17.46	PASS
	Ant2	Low	2412	11.70	-35.2	≤-18.3	PASS
	Ant1	High	2462	11.49	-36.12	≤-18.51	PASS
	Ant2	High	2462	10.54	-35.91	≤-19.46	PASS
11G-MIMO	Ant1	Low	2412	6.36	-29.75	≤-23.64	PASS
	Ant2	Low	2412	7.28	-31.48	≤-22.72	PASS
	Ant1	High	2462	8.50	-36.28	≤-21.5	PASS
	Ant2	High	2462	8.08	-36.23	≤-21.92	PASS
11N20MIMO	Ant1	Low	2412	8.49	-29.62	≤-21.51	PASS
	Ant2	Low	2412	5.54	-29.43	≤-24.46	PASS
	Ant1	High	2462	6.63	-36.42	≤-23.37	PASS
	Ant2	High	2462	7.43	-36.48	≤-22.57	PASS
11N40MIMO	Ant1	Low	2422	1.88	-34.58	≤-28.12	PASS
	Ant2	Low	2422	2.17	-35.18	≤-27.83	PASS
	Ant1	High	2452	1.70	-35.73	≤-28.3	PASS
	Ant2	High	2452	0.87	-35.29	≤-29.13	PASS
11AX20MIMO	Ant1	Low	2412	8.49	-29.21	≤-21.51	PASS
	Ant2	Low	2412	7.85	-29.39	≤-22.15	PASS
	Ant1	High	2462	7.89	-36.57	≤-22.11	PASS
	Ant2	High	2462	6.19	-36.32	≤-23.81	PASS
11AX40MIMO	Ant1	Low	2422	3.10	-34.16	≤-26.9	PASS
	Ant2	Low	2422	3.82	-35.28	≤-26.18	PASS
	Ant1	High	2452	2.83	-35.73	≤-27.17	PASS
	Ant2	High	2452	3.02	-35.95	≤-26.98	PASS

11.5.2. Test Graphs

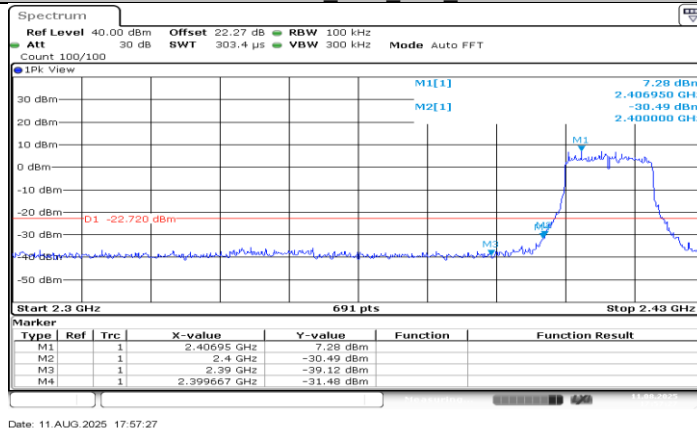




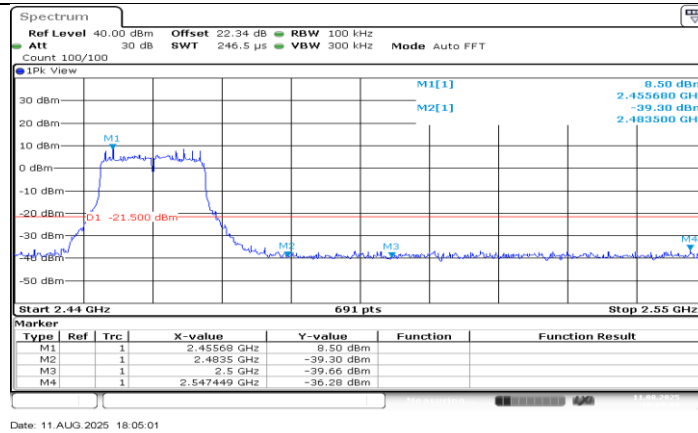
11B-MIMO_Ant2_High_2462



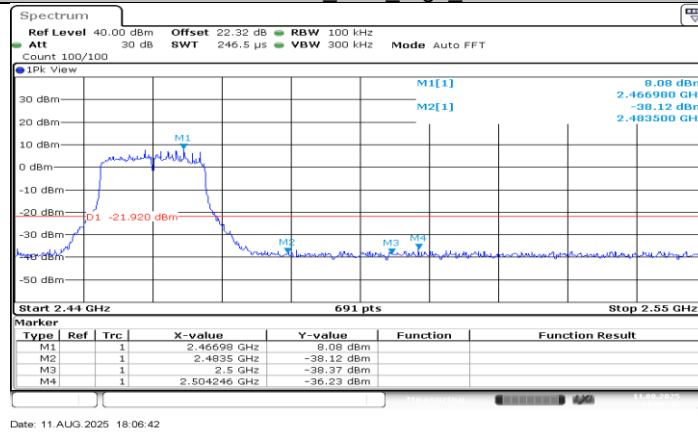
11G-MIMO_Ant1_Low_2412



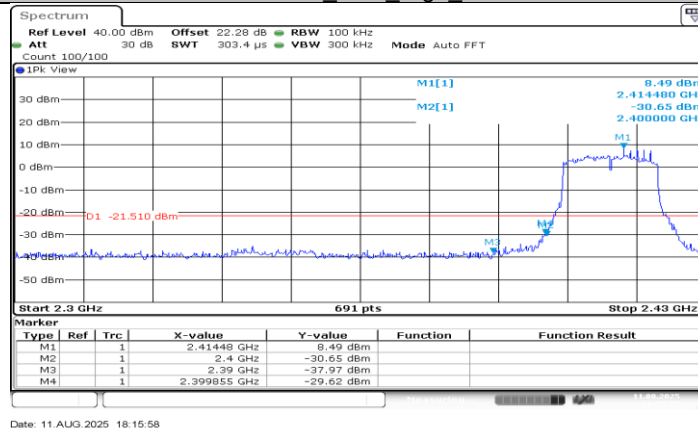
11G-MIMO_Ant2_Low_2412



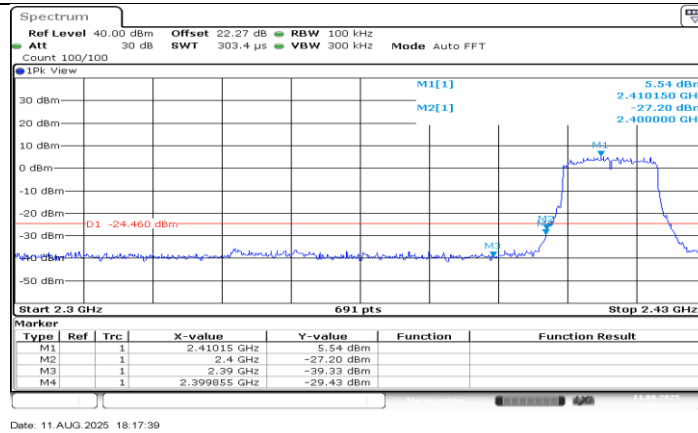
11G-MIMO_Ant1_High_2462



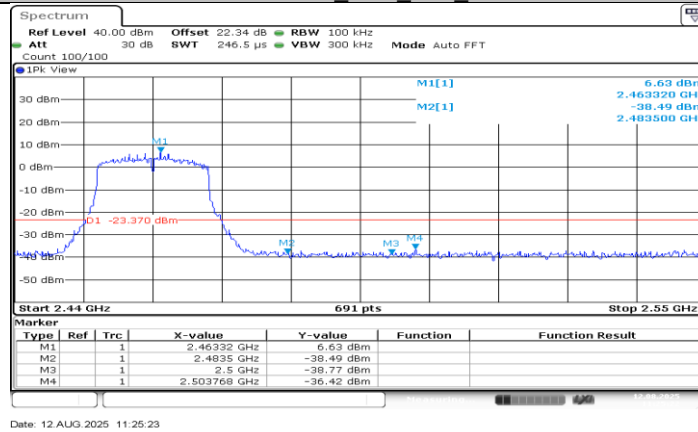
11G-MIMO_Ant2_High_2462



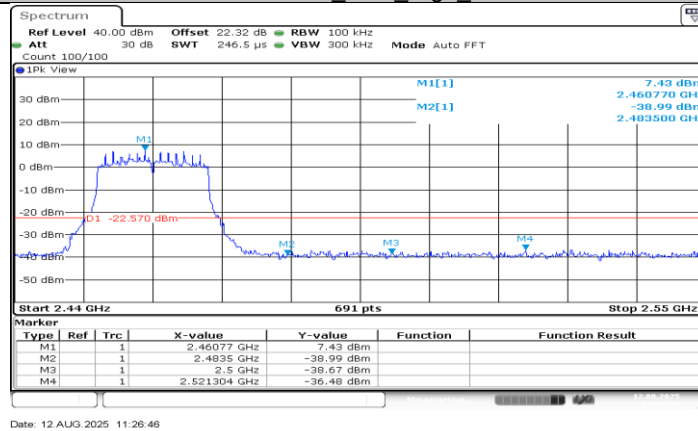
11N20MIMO_Ant1_Low_2412



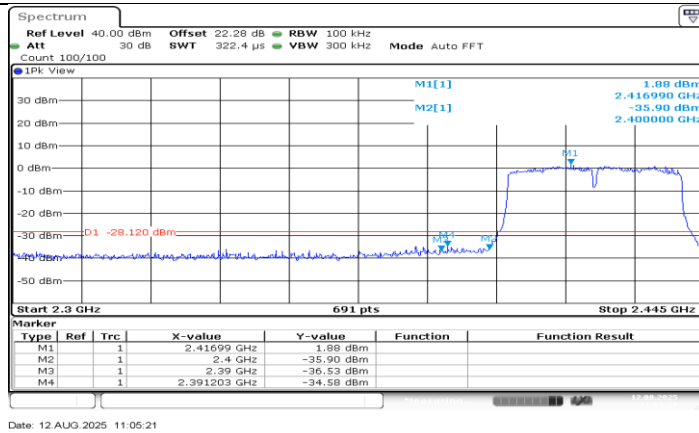
11N20MIMO_Ant2_Low_2412



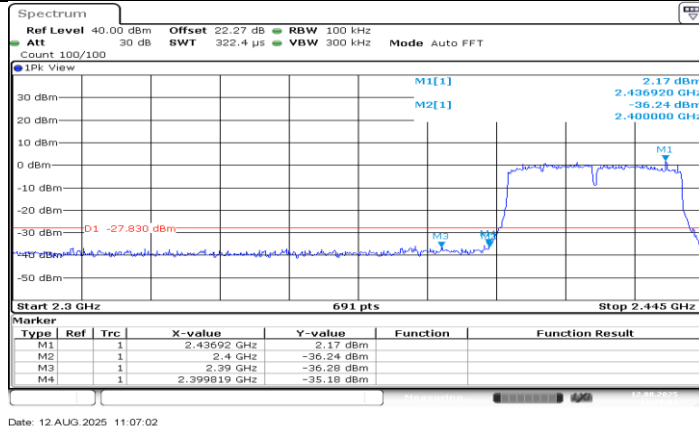
11N20MIMO_Ant1_High_2462



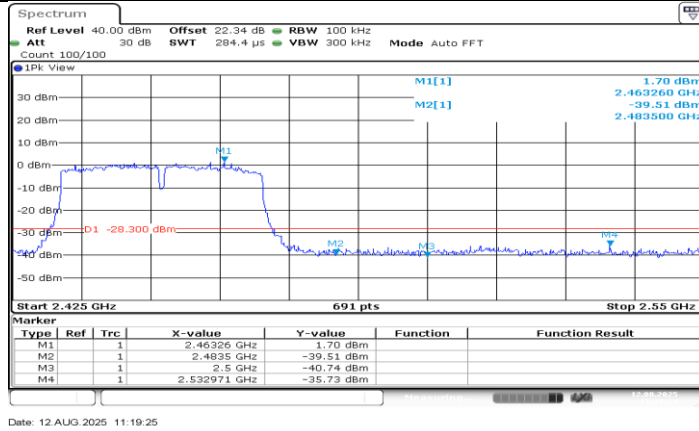
11N20MIMO_Ant2_High_2462



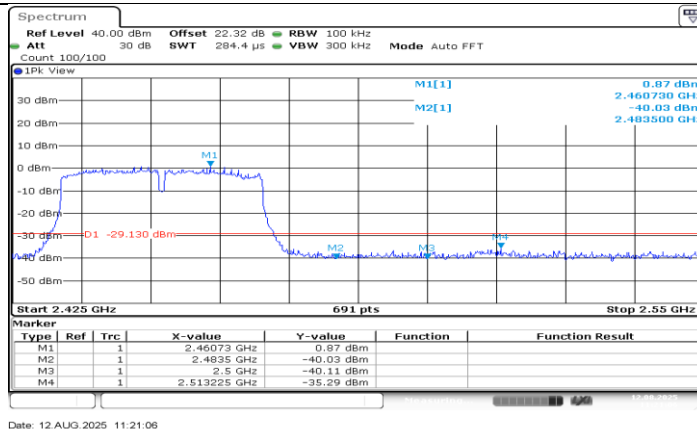
11N40MIMO_Ant1_Low_2422



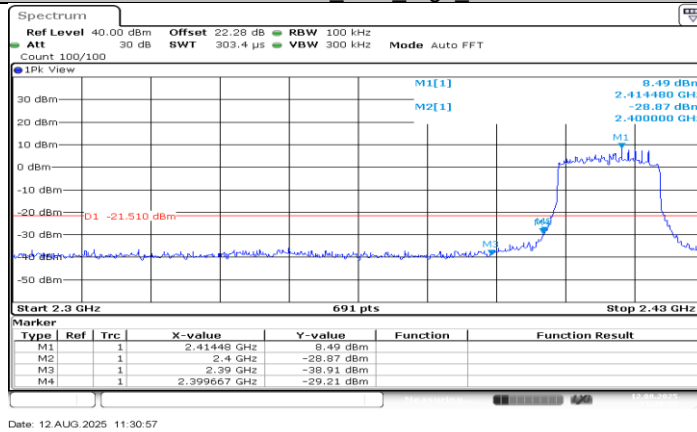
11N40MIMO_Ant2_Low_2422



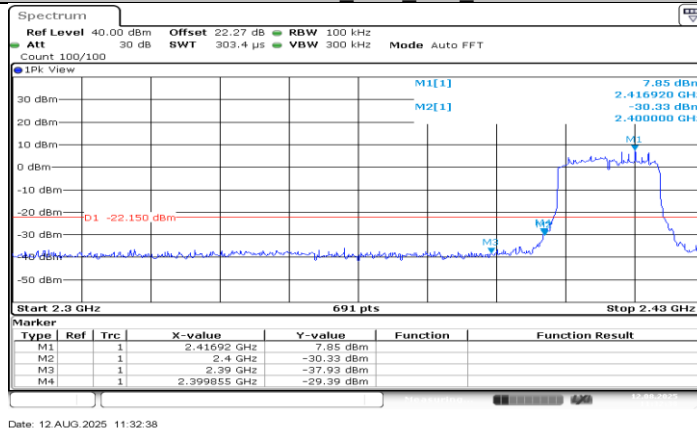
11N40MIMO_Ant1_High_2452



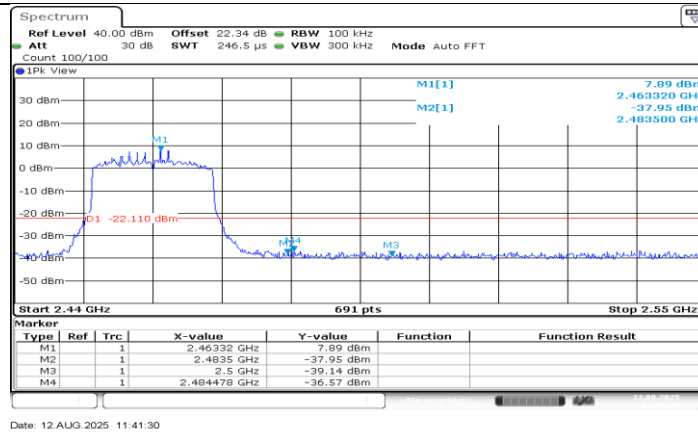
11N40MIMO_Ant2_High_2452



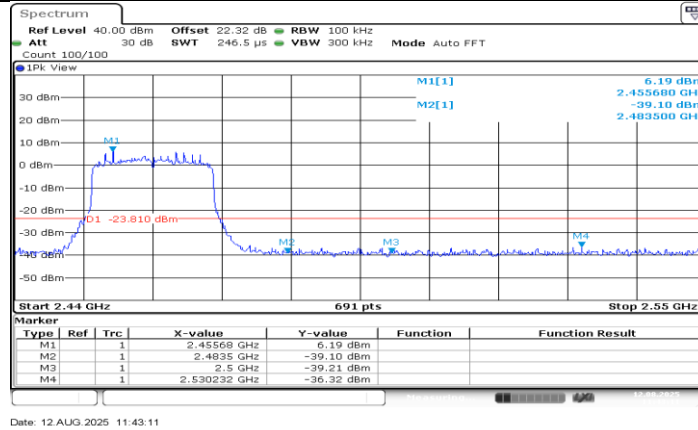
11AX20MIMO_Ant1_Low_2412



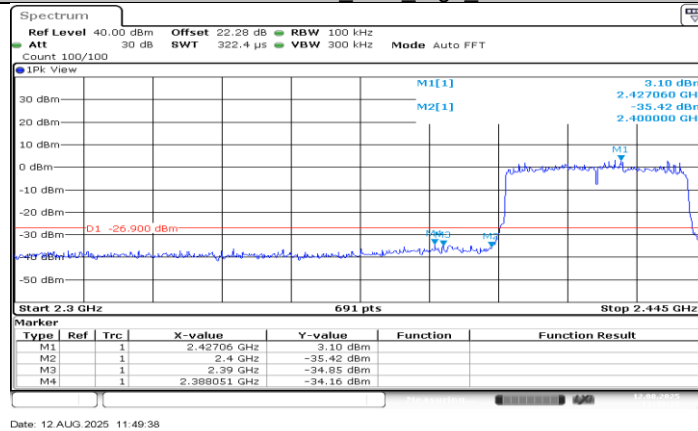
11AX20MIMO_Ant2_Low_2412



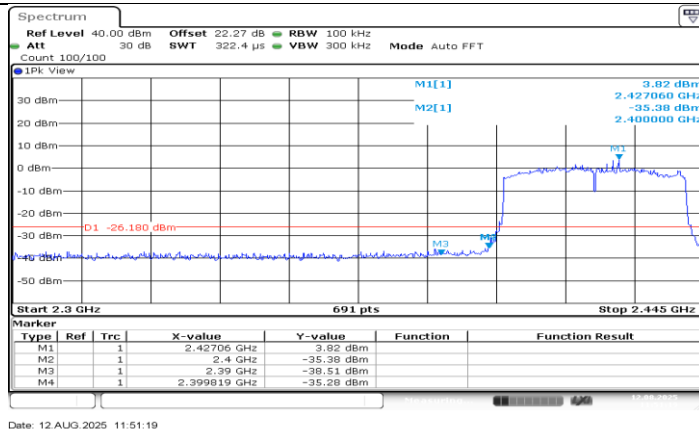
11AX20MIMO_Ant1_High_2462



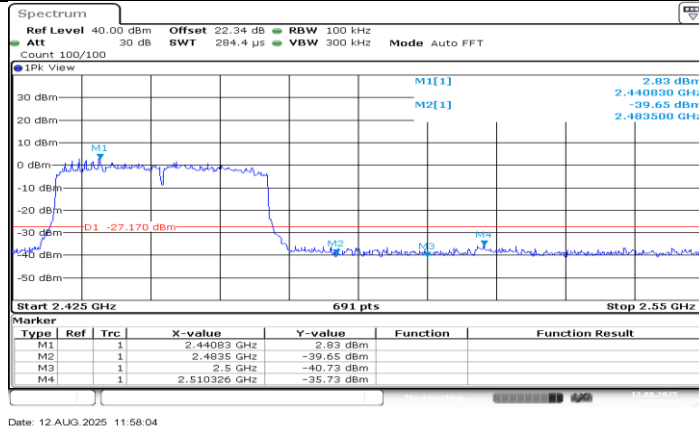
11AX20MIMO_Ant2_High_2462



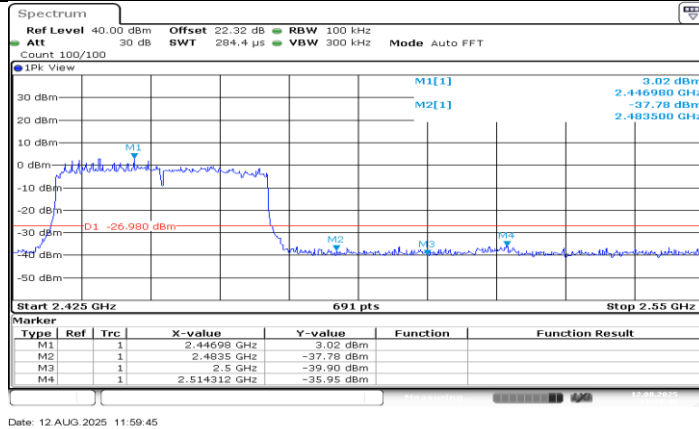
11AX40MIMO_Ant1_Low_2422



11AX40MIMO_Ant2_Low_2422



11AX40MIMO_Ant1_High_2452



11AX40MIMO_Ant2_High_2452

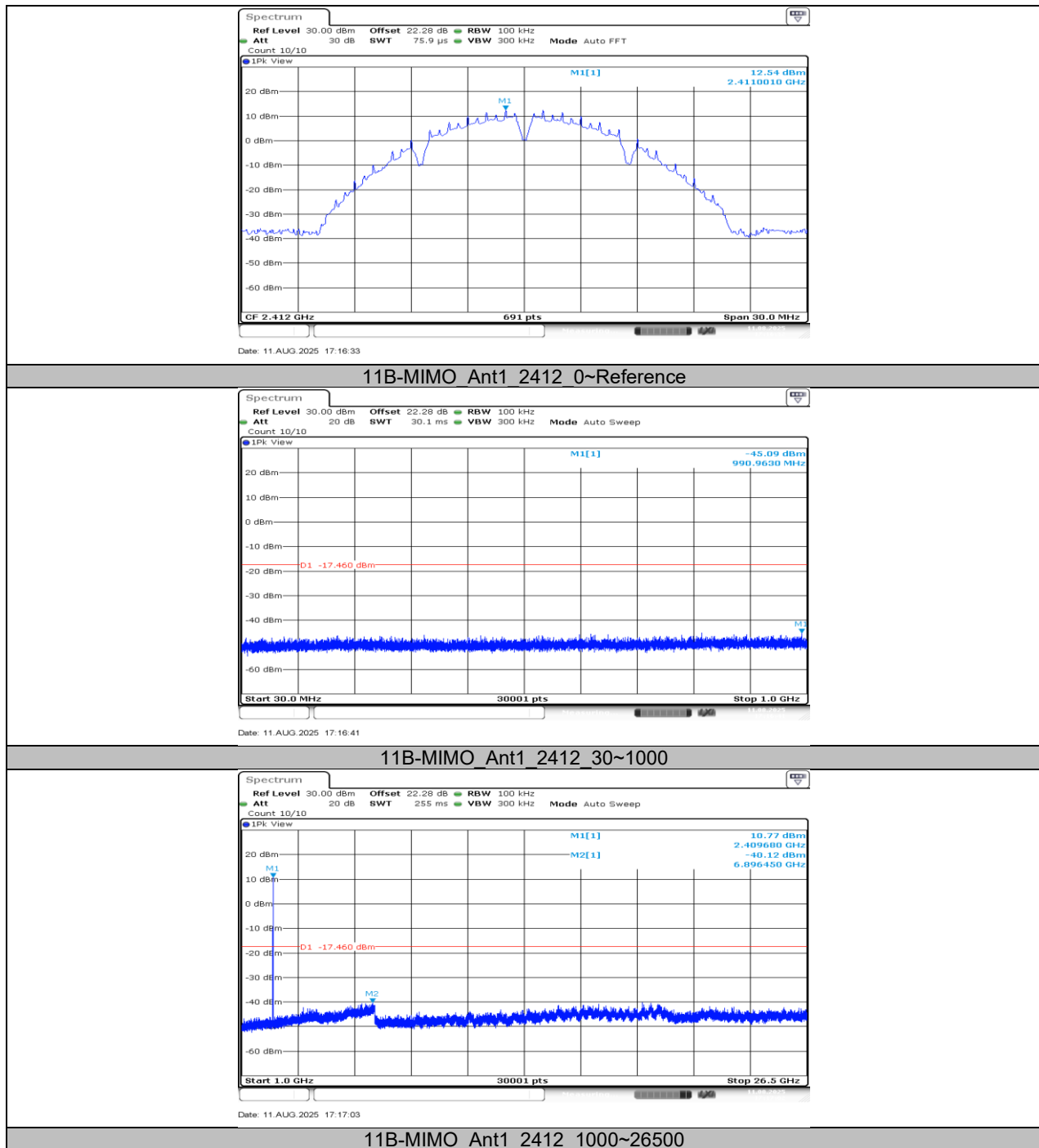
11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

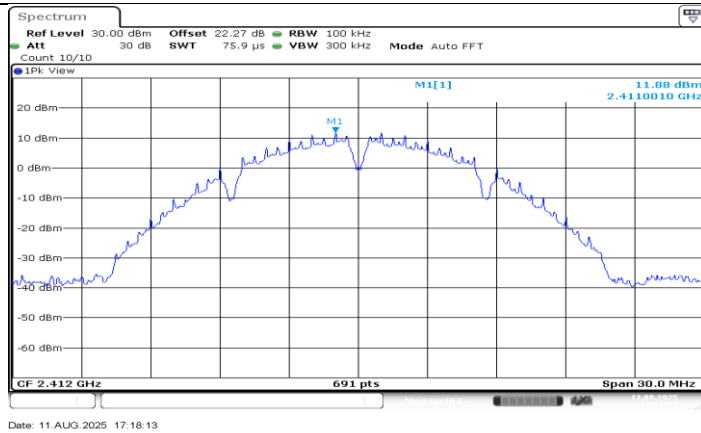
11.6.1. Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B-MIMO	Ant1	2412	Reference	12.54	---	PASS
			30~1000	-45.09	≤-17.46	PASS
			1000~26500	-40.12	≤-17.46	PASS
	Ant2	2412	Reference	11.88	---	PASS
			30~1000	-45.15	≤-18.12	PASS
			1000~26500	-39.85	≤-18.12	PASS
	Ant1	2437	Reference	11.95	---	PASS
			30~1000	-44.57	≤-18.05	PASS
			1000~26500	-40.45	≤-18.05	PASS
	Ant2	2437	Reference	11.16	---	PASS
			30~1000	-44.35	≤-18.84	PASS
			1000~26500	-40.05	≤-18.84	PASS
	Ant1	2462	Reference	11.58	---	PASS
			30~1000	-44.95	≤-18.42	PASS
			1000~26500	-40.11	≤-18.42	PASS
	Ant2	2462	Reference	10.69	---	PASS
			30~1000	-45.14	≤-19.31	PASS
			1000~26500	-40.12	≤-19.31	PASS
11G-MIMO	Ant1	2412	Reference	9.01	---	PASS
			30~1000	-44.83	≤-20.99	PASS
			1000~26500	-40.17	≤-20.99	PASS
	Ant2	2412	Reference	7.90	---	PASS
			30~1000	-44.55	≤-22.1	PASS
			1000~26500	-40.19	≤-22.1	PASS
	Ant1	2437	Reference	8.36	---	PASS
			30~1000	-45.34	≤-21.64	PASS
			1000~26500	-39.74	≤-21.64	PASS
	Ant2	2437	Reference	8.49	---	PASS
			30~1000	-44.97	≤-21.51	PASS
			1000~26500	-40.7	≤-21.51	PASS
	Ant1	2462	Reference	9.39	---	PASS
			30~1000	-45.41	≤-20.61	PASS
			1000~26500	-38.8	≤-20.61	PASS
	Ant2	2462	Reference	8.59	---	PASS
			30~1000	-44.99	≤-21.41	PASS
			1000~26500	-39.29	≤-21.41	PASS
11N20MIMO	Ant1	2412	Reference	7.52	---	PASS
			30~1000	-45.51	≤-22.48	PASS
			1000~26500	-40.1	≤-22.48	PASS
	Ant2	2412	Reference	8.68	---	PASS
			30~1000	-45.31	≤-21.32	PASS
			1000~26500	-39.59	≤-21.32	PASS
	Ant1	2437	Reference	6.34	---	PASS
			30~1000	-44.97	≤-23.66	PASS
			1000~26500	-40.24	≤-23.66	PASS
	Ant2	2437	Reference	7.54	---	PASS
			30~1000	-45.25	≤-22.46	PASS
			1000~26500	-39.99	≤-22.46	PASS
	Ant1	2462	Reference	7.64	---	PASS
			30~1000	-44.99	≤-22.36	PASS
			1000~26500	-39.94	≤-22.36	PASS
	Ant2	2462	Reference	6.26	---	PASS
			30~1000	-45.29	≤-23.74	PASS
			1000~26500	-40.24	≤-23.74	PASS
11N40MIMO	Ant1	2422	Reference	3.39	---	PASS

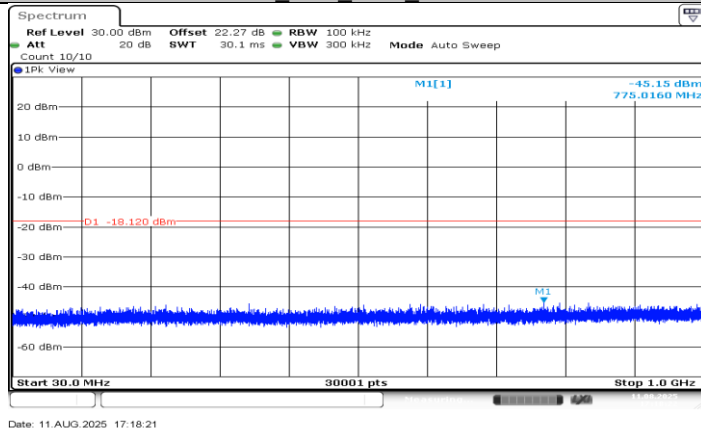
			30~1000	-45.69	≤ -26.61	PASS
			1000~26500	-40.51	≤ -26.61	PASS
			Reference	2.23	---	PASS
	Ant2	2422	30~1000	-45.01	≤ -27.77	PASS
			1000~26500	-39.77	≤ -27.77	PASS
			Reference	5.16	---	PASS
	Ant1	2437	30~1000	-45.23	≤ -24.84	PASS
			1000~26500	-39.85	≤ -24.84	PASS
			Reference	3.84	---	PASS
	Ant2	2437	30~1000	-45.48	≤ -26.16	PASS
			1000~26500	-39.68	≤ -26.16	PASS
			Reference	2.86	---	PASS
11AX20MIMO	Ant1	2412	30~1000	-45.51	≤ -27.14	PASS
			1000~26500	-40.37	≤ -27.14	PASS
			Reference	3.01	---	PASS
	Ant2	2452	30~1000	-45.37	≤ -26.99	PASS
			1000~26500	-39.68	≤ -26.99	PASS
			Reference	6.92	---	PASS
	Ant1	2412	30~1000	-44.79	≤ -23.08	PASS
			1000~26500	-39.12	≤ -23.08	PASS
			Reference	7.41	---	PASS
	Ant2	2412	30~1000	-45.3	≤ -22.59	PASS
			1000~26500	-40.15	≤ -22.59	PASS
			Reference	6.37	---	PASS
	Ant1	2437	30~1000	-44.89	≤ -23.63	PASS
			1000~26500	-39.91	≤ -23.63	PASS
			Reference	8.16	---	PASS
	Ant2	2437	30~1000	-45.18	≤ -21.84	PASS
			1000~26500	-39.68	≤ -21.84	PASS
			Reference	7.83	---	PASS
11AX40MIMO	Ant1	2462	30~1000	-44.89	≤ -22.17	PASS
			1000~26500	-39.74	≤ -22.17	PASS
			Reference	7.28	---	PASS
	Ant2	2462	30~1000	-45.42	≤ -22.72	PASS
			1000~26500	-39.87	≤ -22.72	PASS
			Reference	3.26	---	PASS
	Ant1	2422	30~1000	-45.58	≤ -26.74	PASS
			1000~26500	-39.84	≤ -26.74	PASS
			Reference	3.68	---	PASS
	Ant2	2422	30~1000	-45.63	≤ -26.32	PASS
			1000~26500	-40.12	≤ -26.32	PASS
			Reference	5.05	---	PASS
	Ant1	2437	30~1000	-44.62	≤ -24.95	PASS
			1000~26500	-39.51	≤ -24.95	PASS
			Reference	4.96	---	PASS
	Ant2	2437	30~1000	-45.22	≤ -25.04	PASS
			1000~26500	-39.9	≤ -25.04	PASS
			Reference	2.75	---	PASS
	Ant1	2452	30~1000	-45.12	≤ -27.25	PASS
			1000~26500	-39.43	≤ -27.25	PASS
			Reference	3.60	---	PASS
	Ant2	2452	30~1000	-44.33	≤ -26.4	PASS
			1000~26500	-40.05	≤ -26.4	PASS

11.6.2. Test Graphs

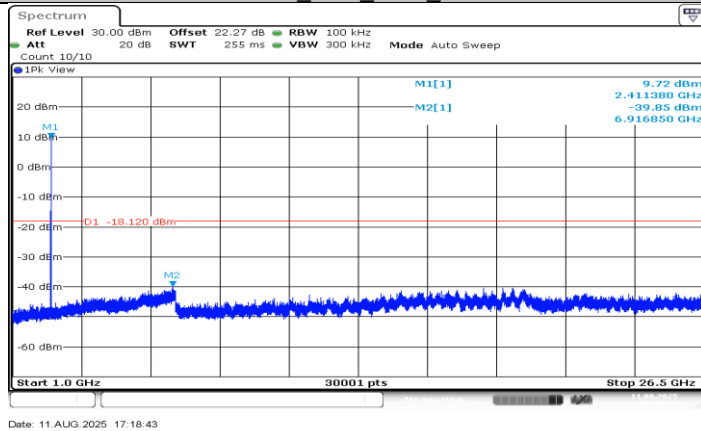




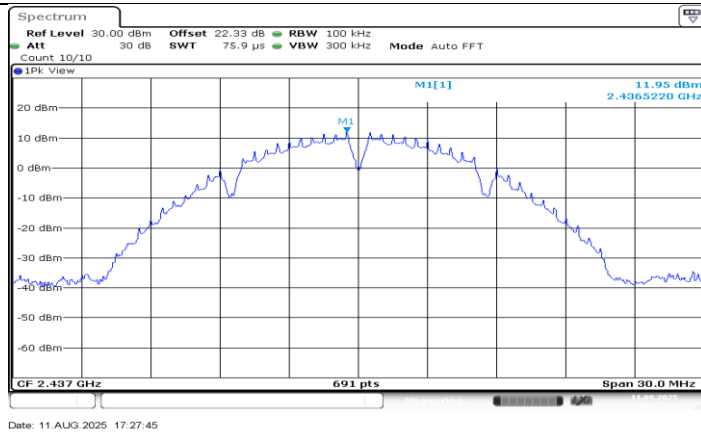
11B-MIMO_Ant2_2412_0~Reference



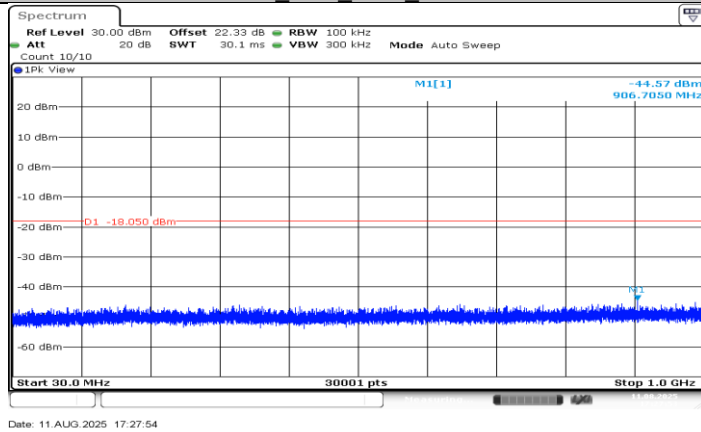
11B-MIMO_Ant2_2412_30~1000



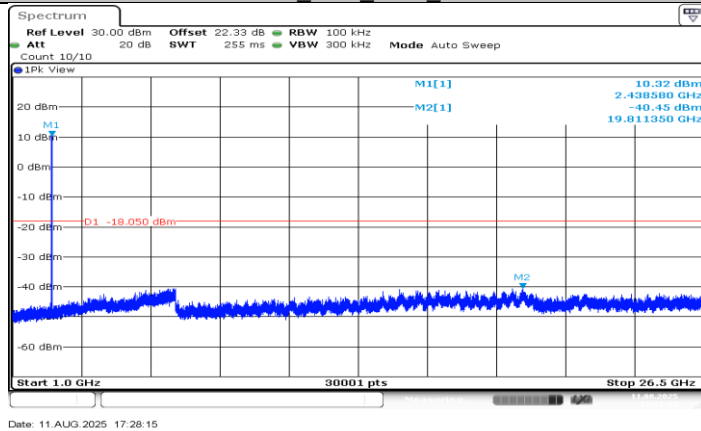
11B-MIMO_Ant2_2412_1000~26500



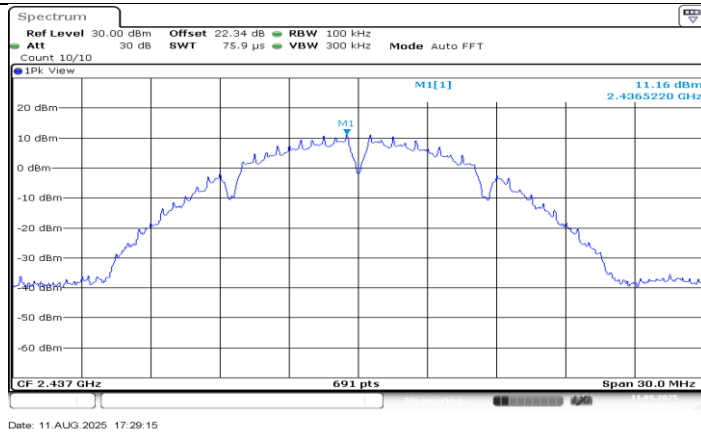
11B-MIMO_Ant1_2437_0~Reference



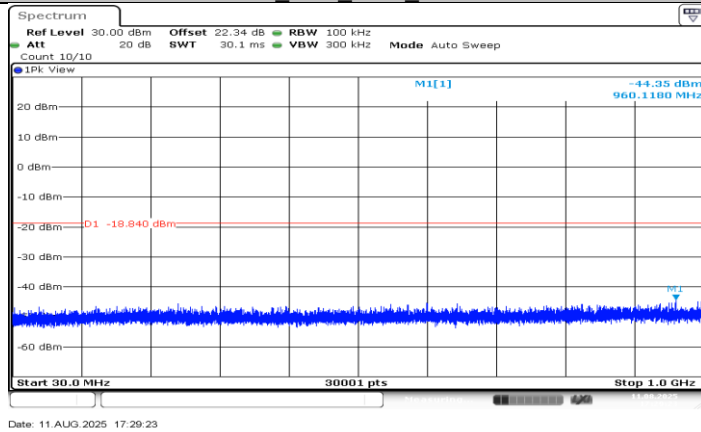
11B-MIMO_Ant1_2437_30~1000



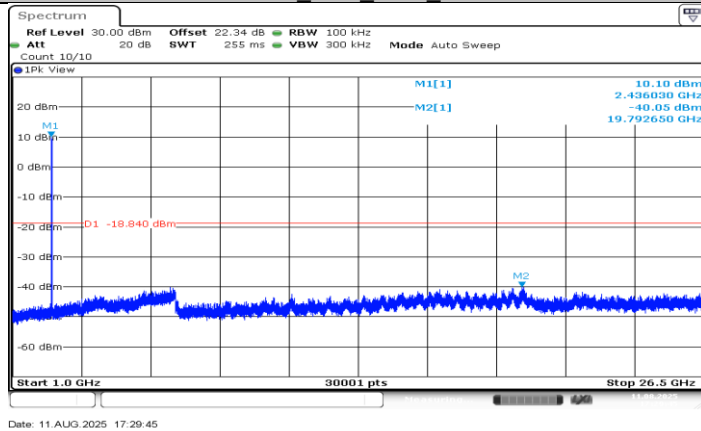
11B-MIMO_Ant1_2437_1000~26500



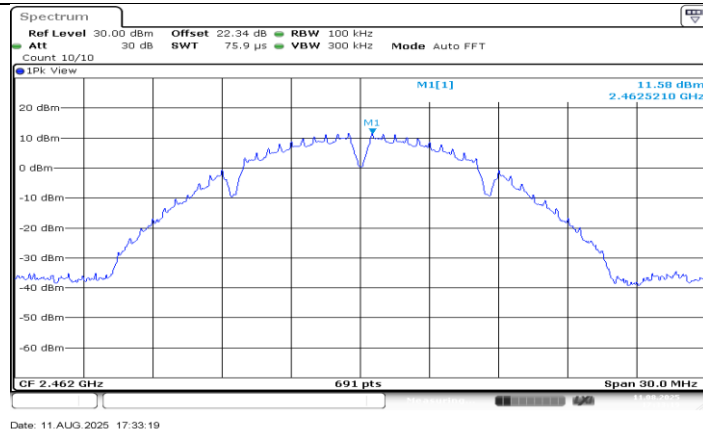
11B-MIMO_Ant2_2437_0~Reference



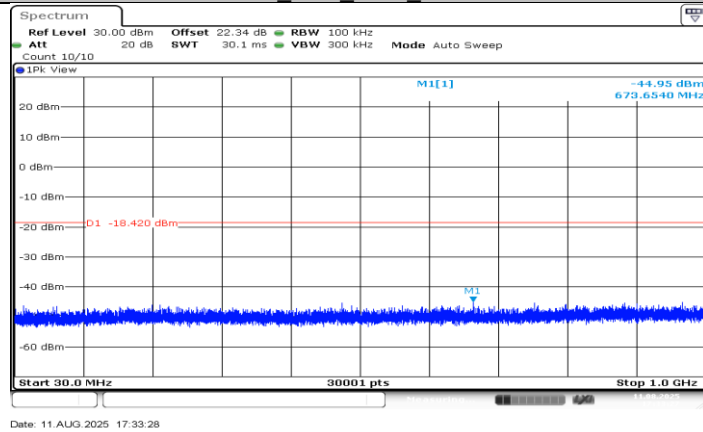
11B-MIMO_Ant2_2437_30~1000



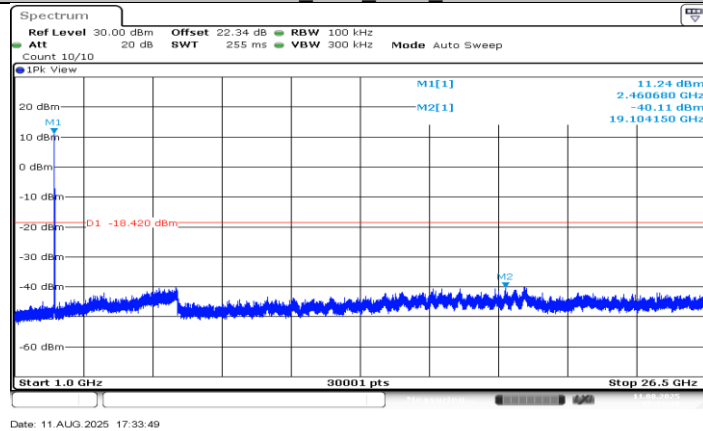
11B-MIMO_Ant2_2437_1000~26500



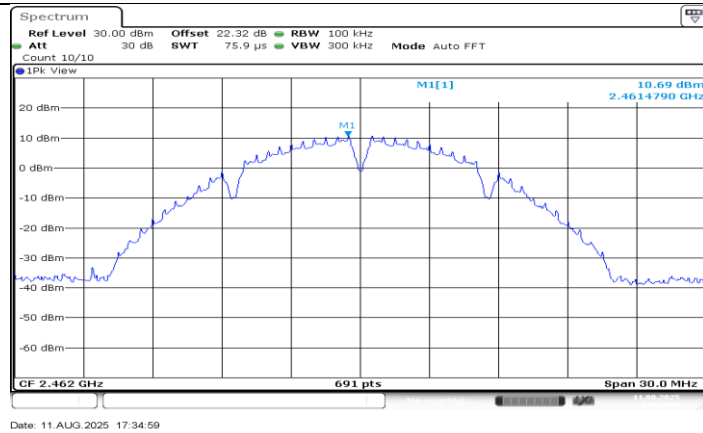
11B-MIMO_Ant1_2462_0~Reference



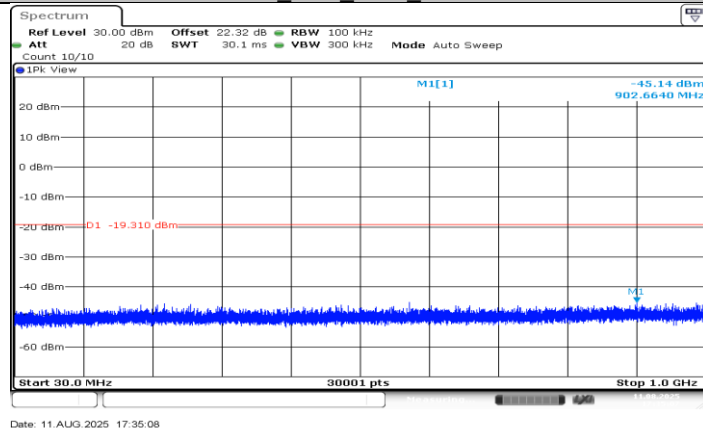
11B-MIMO_Ant1_2462_30~1000



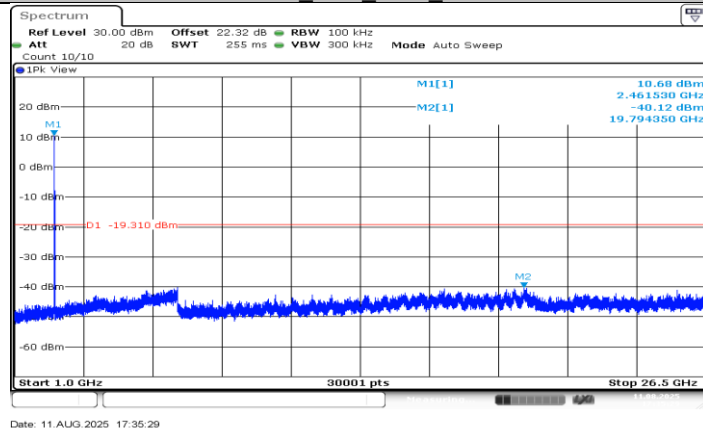
11B-MIMO_Ant1_2462_1000~26500



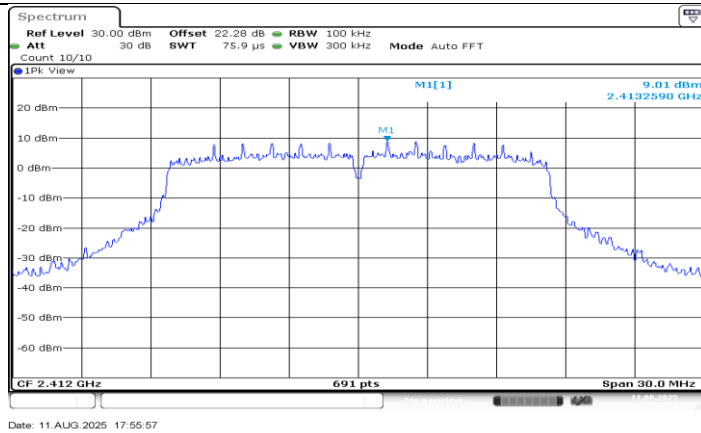
11B-MIMO_Ant2_2462_0~Reference



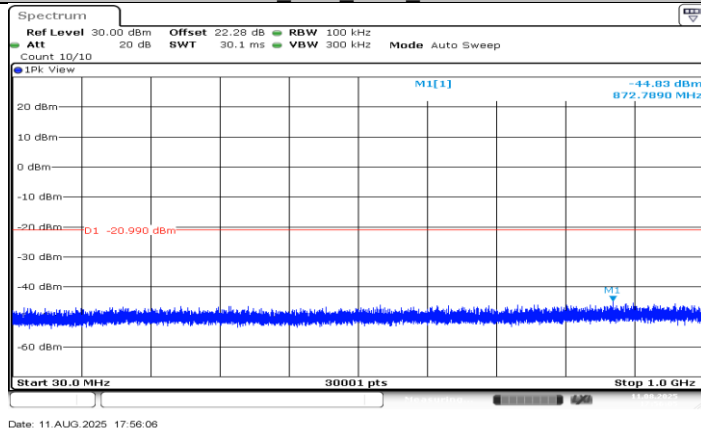
11B-MIMO_Ant2_2462_30~1000



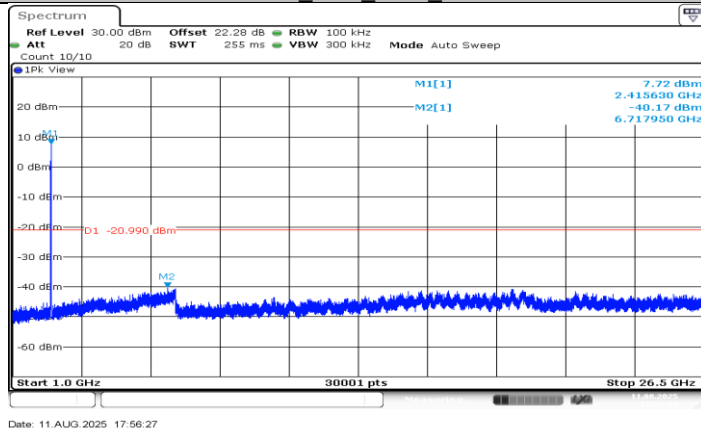
11B-MIMO_Ant2_2462_1000~26500



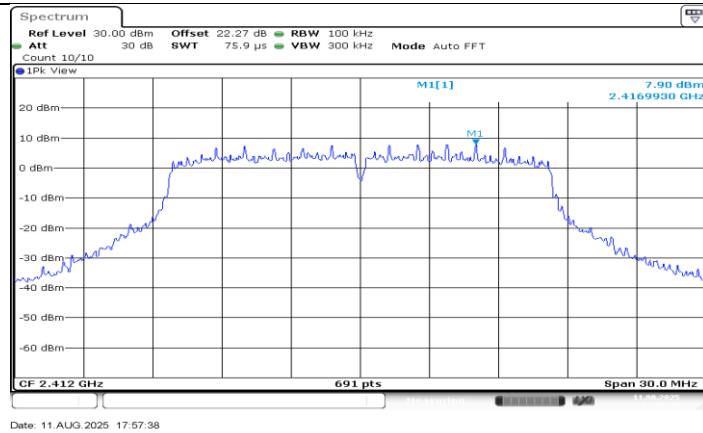
11G-MIMO_Ant1_2412_0~Reference



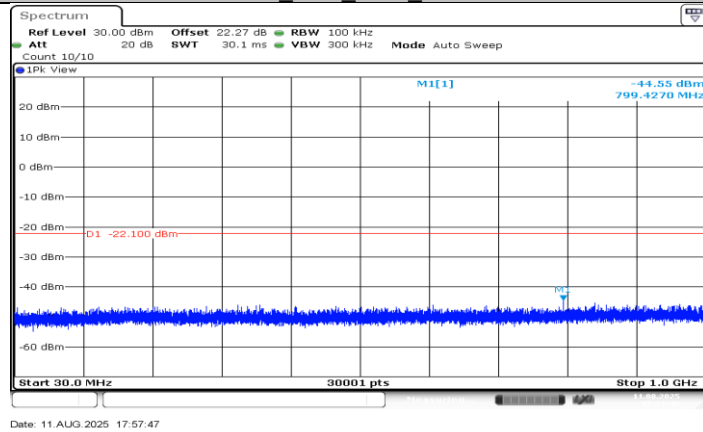
11G-MIMO_Ant1_2412_30~1000



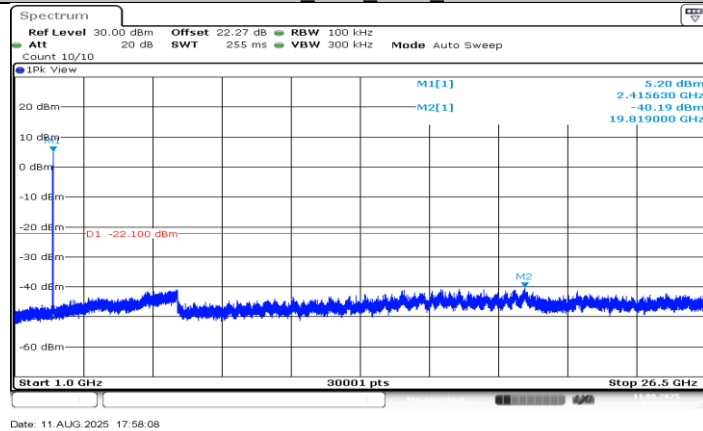
11G-MIMO_Ant1_2412_1000~26500



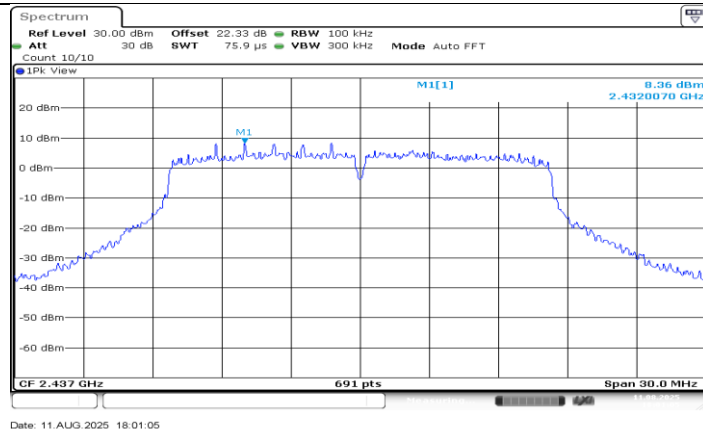
11G-MIMO_Ant2_2412_0~Reference



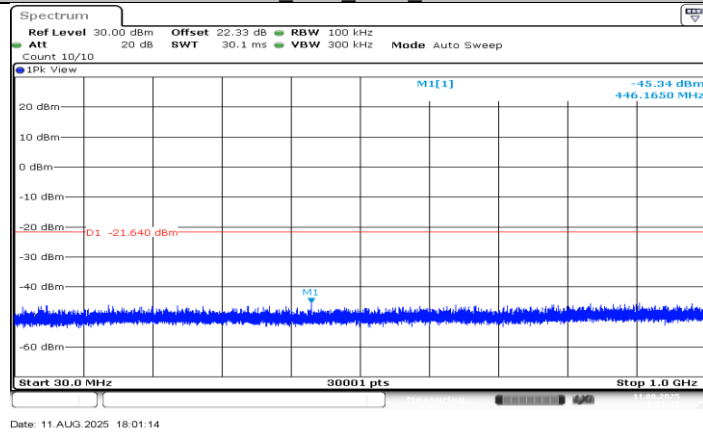
11G-MIMO_Ant2_2412_30~1000



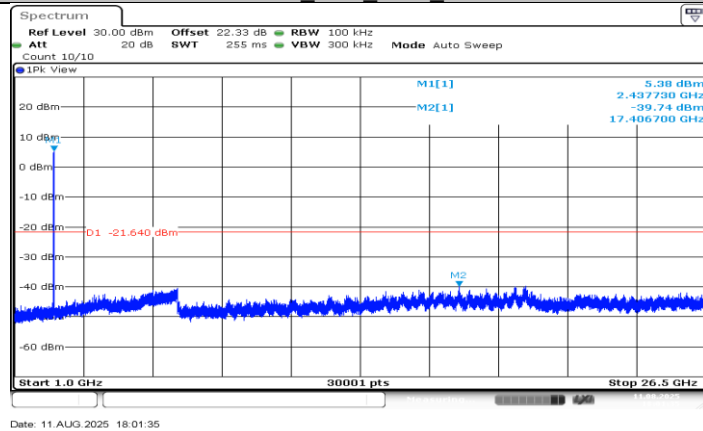
11G-MIMO_Ant2_2412_1000~26500



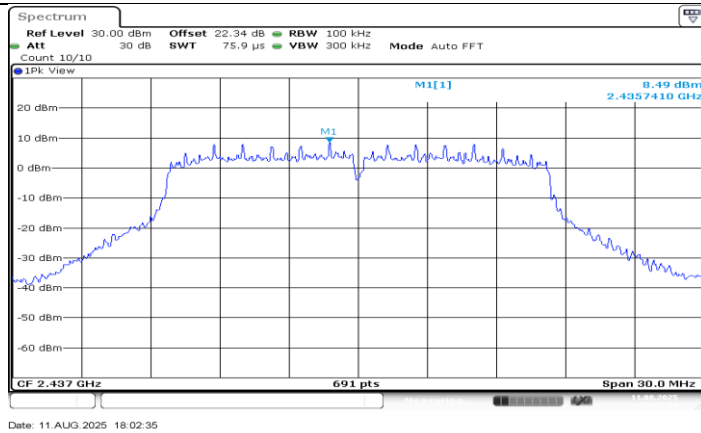
11G-MIMO_Ant1_2437_0~Reference



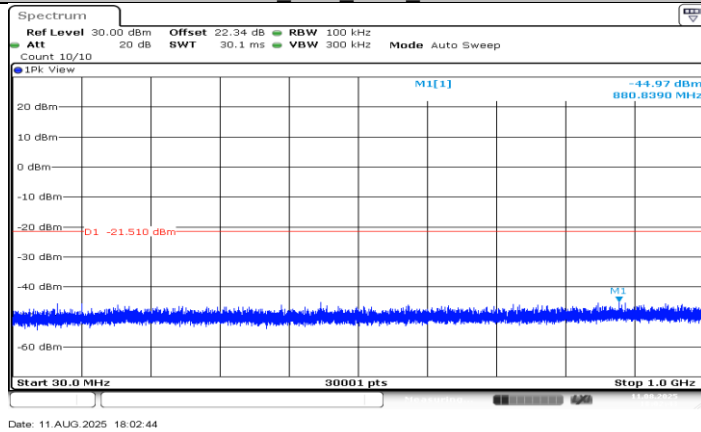
11G-MIMO_Ant1_2437_30~1000



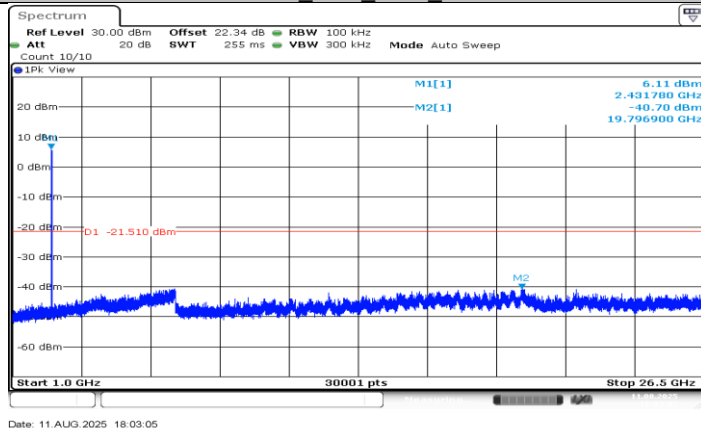
11G-MIMO_Ant1_2437_1000~26500



11G-MIMO_Ant2_2437_0~Reference



11G-MIMO_Ant2_2437_30~1000



11G-MIMO_Ant2_2437_1000~26500