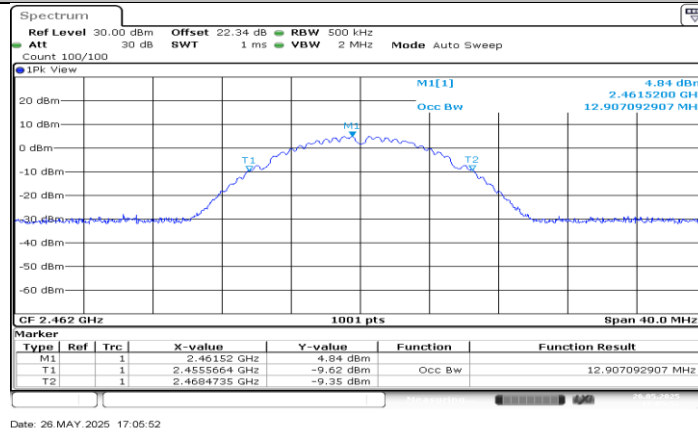
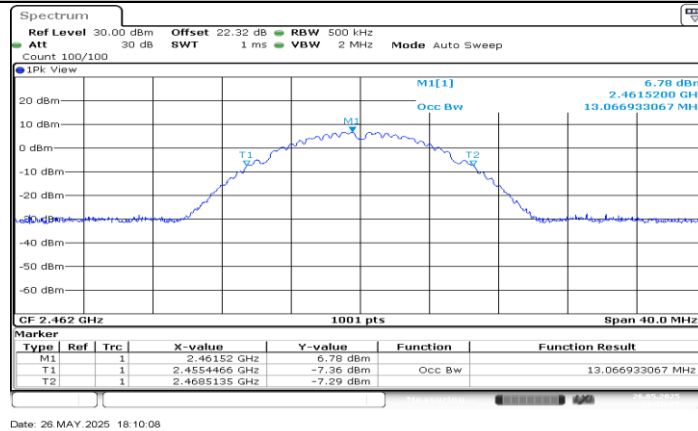


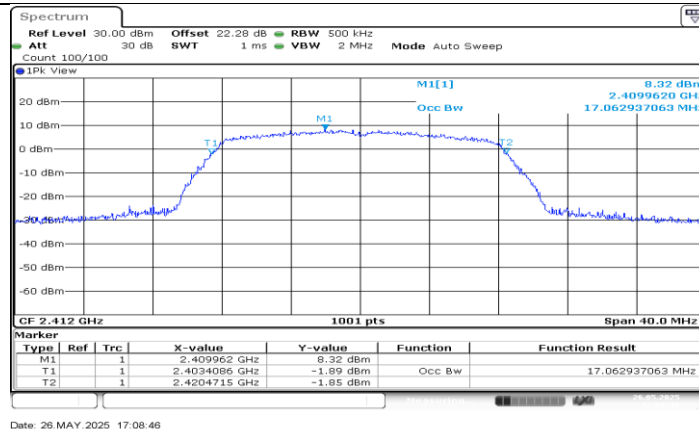
11B_Ant2_2437



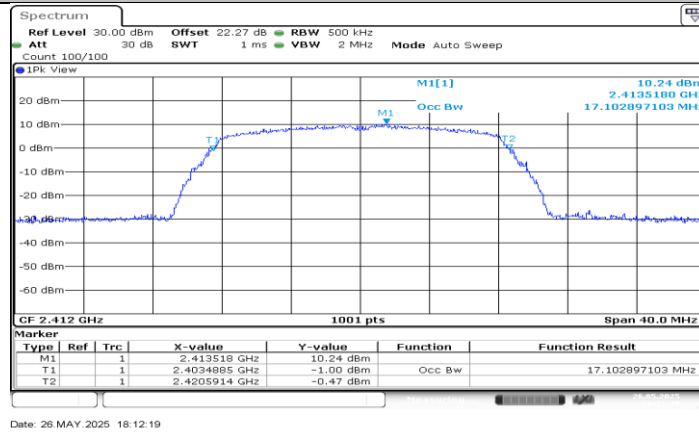
11B_Ant1_2462



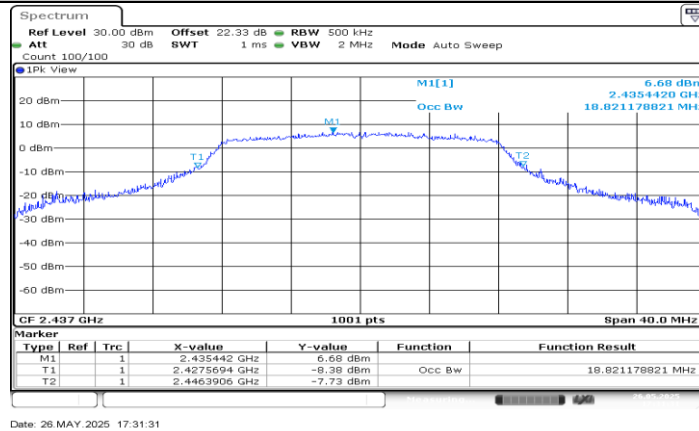
11B_Ant2_2462



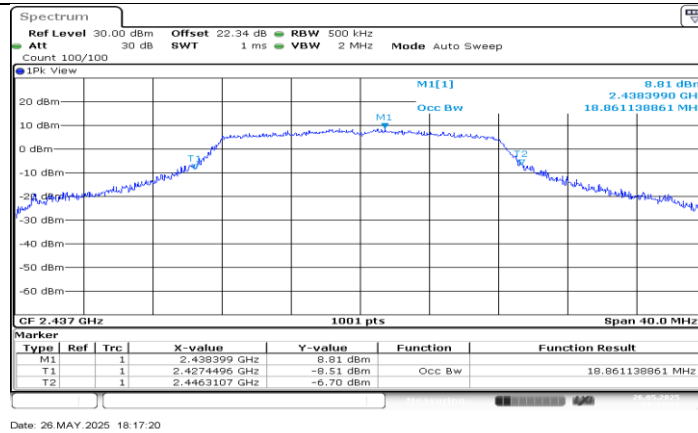
11G_Ant1_2412



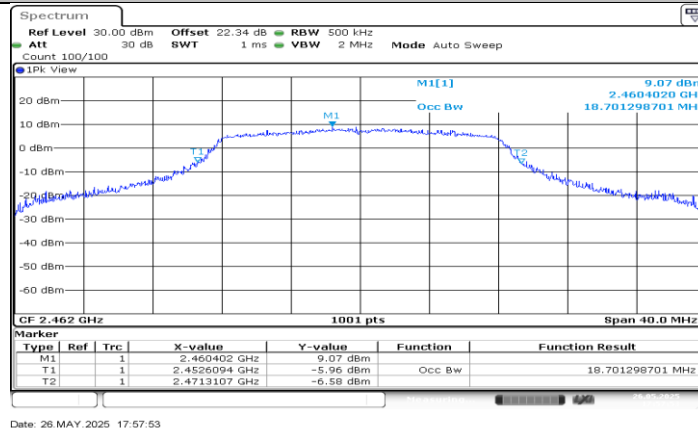
11G_Ant2_2412



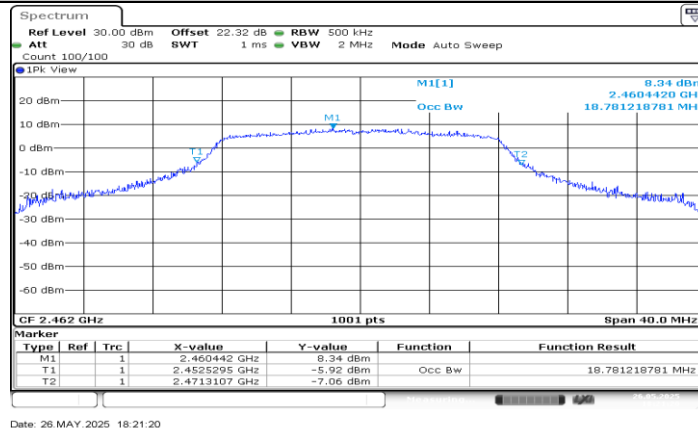
11G_Ant1_2437



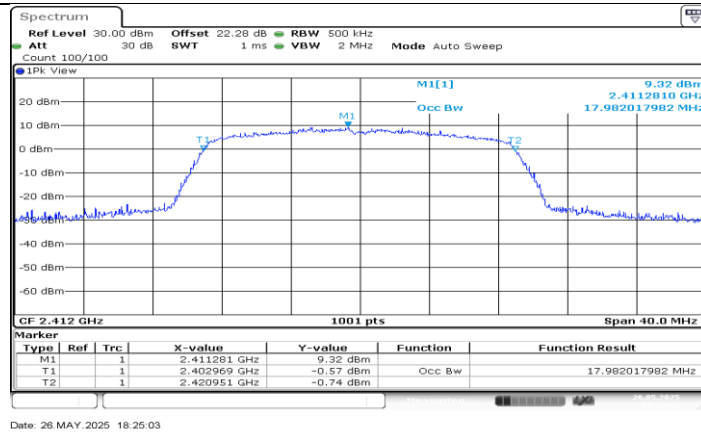
11G_Ant2_2437



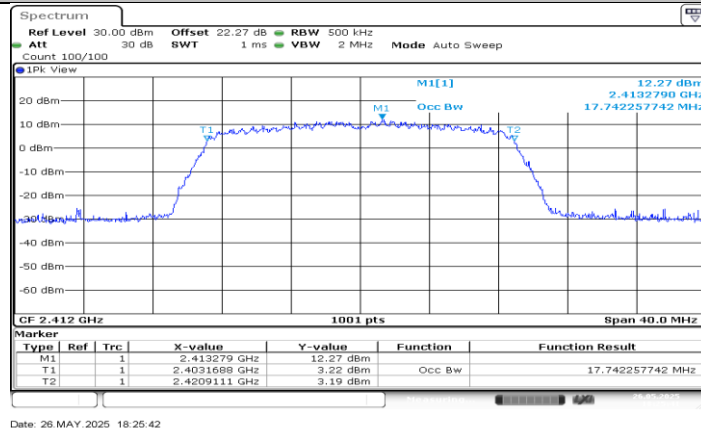
11G_Ant1_2462



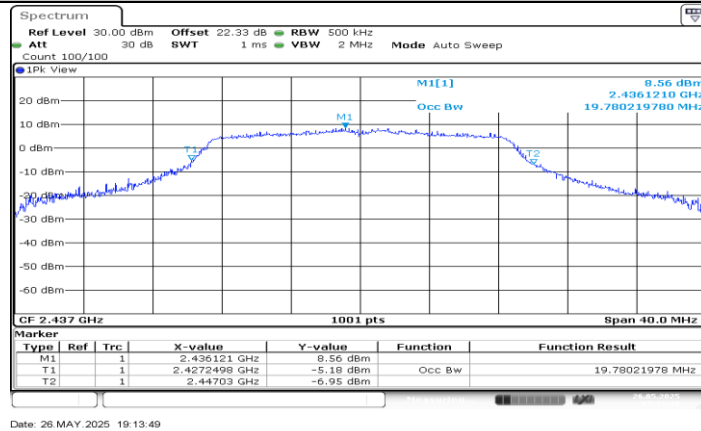
11G_Ant2_2462



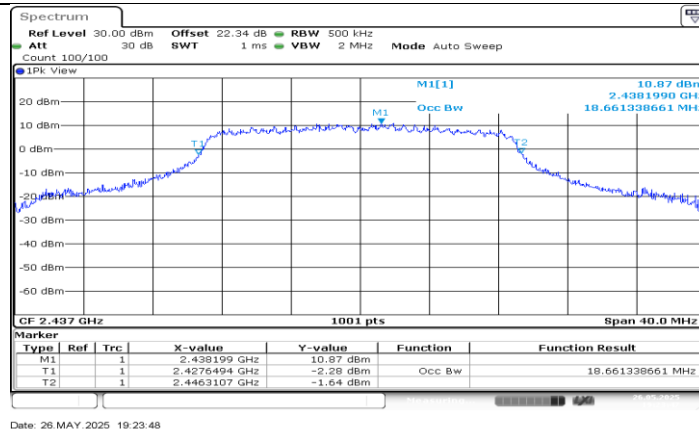
11N20MIMO_Ant1_2412



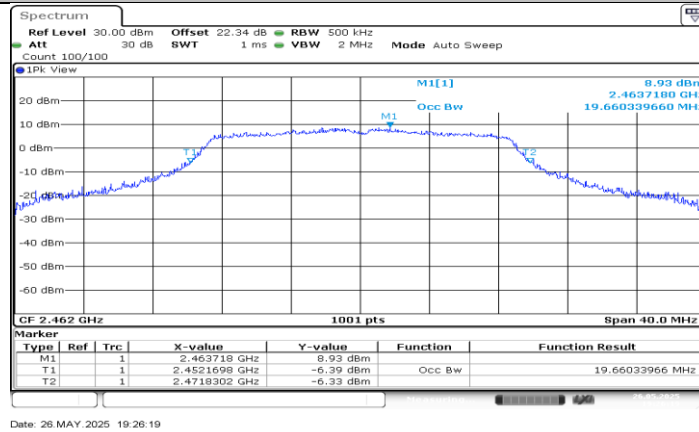
11N20MIMO_Ant2_2412



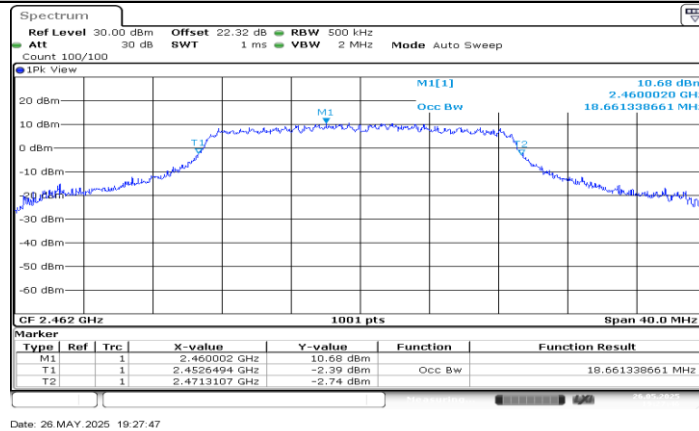
11N20MIMO_Ant1_2437



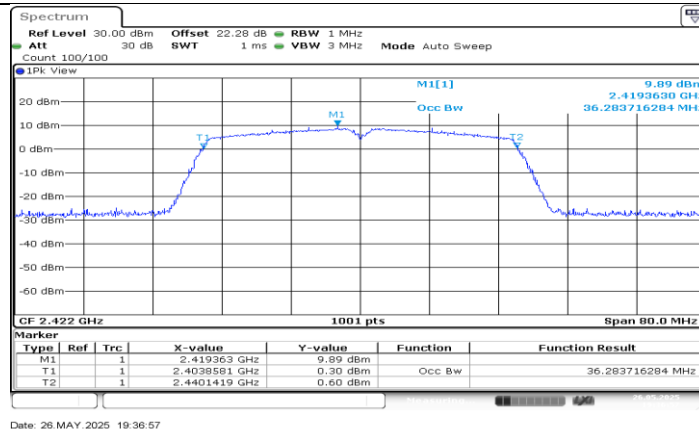
11N20MIMO_Ant2_2437



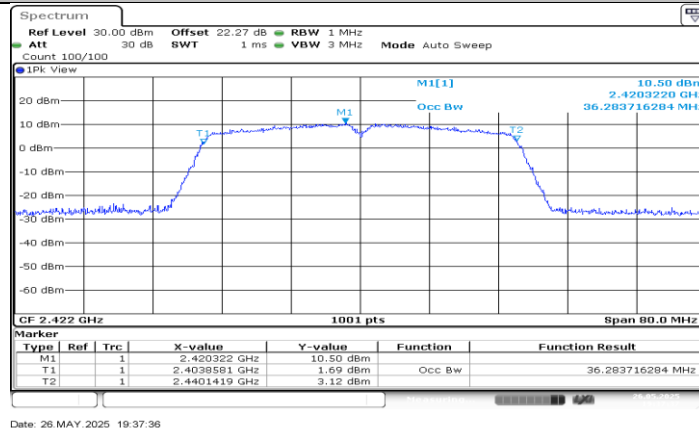
11N20MIMO_Ant1_2462



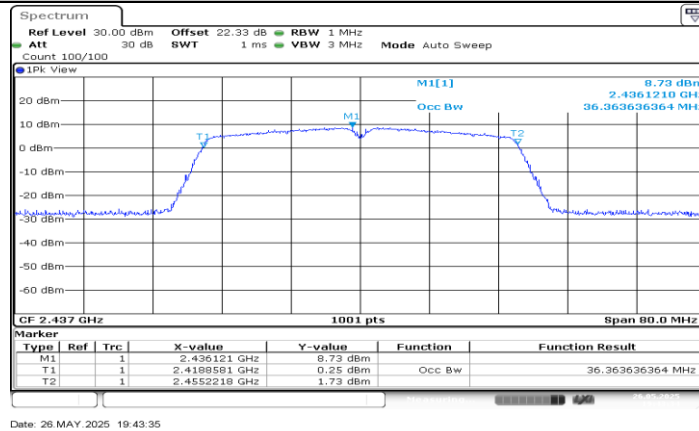
11N20MIMO_Ant2_2462



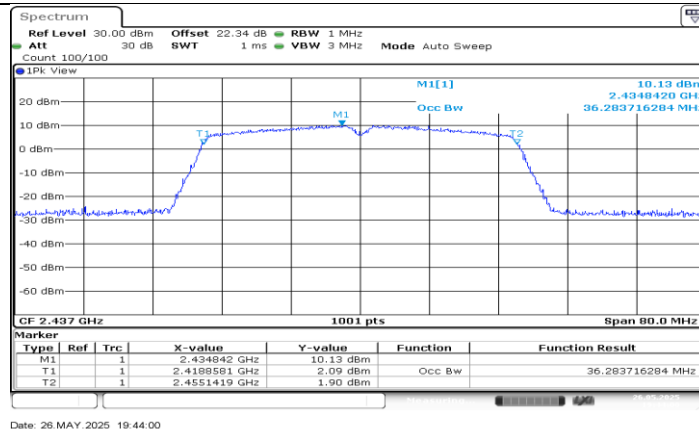
11N40MIMO_Ant1_2422



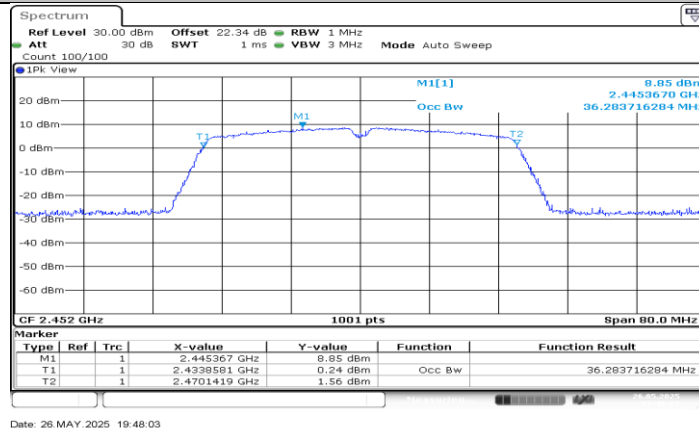
11N40MIMO_Ant2_2422



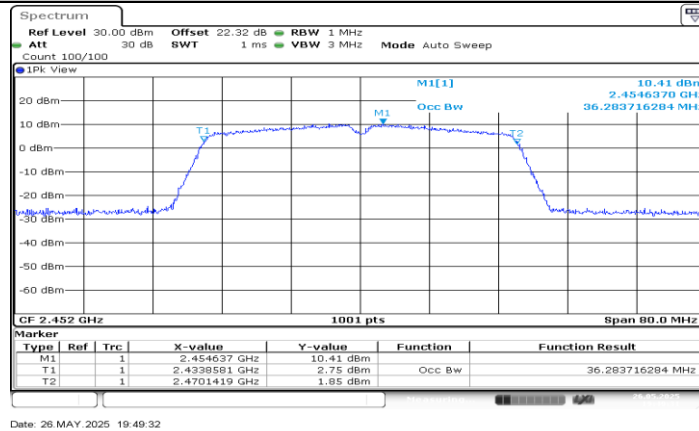
11N40MIMO_Ant1_2437



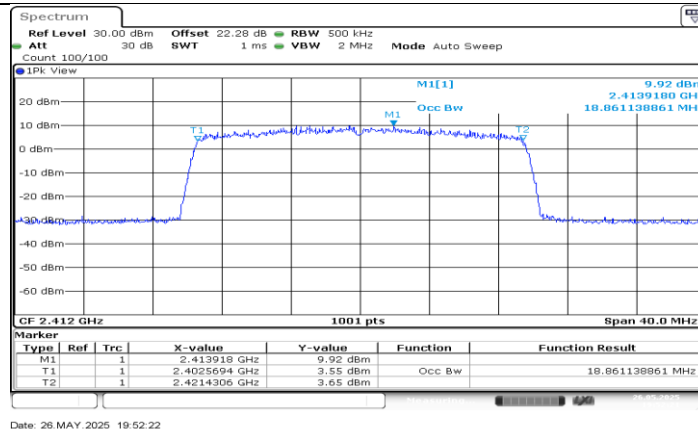
11N40MIMO_Ant2_2437



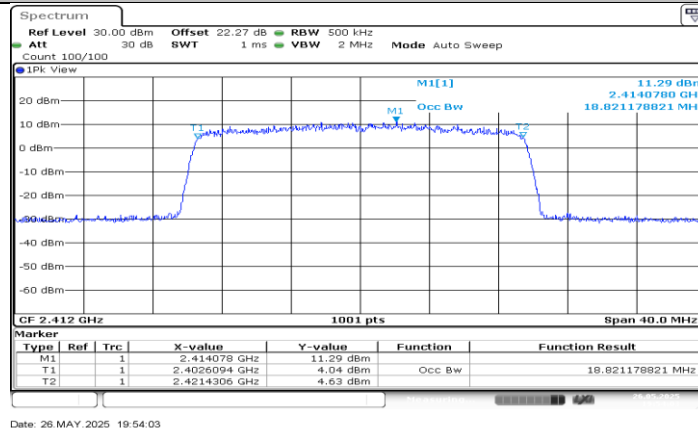
11N40MIMO_Ant1_2452



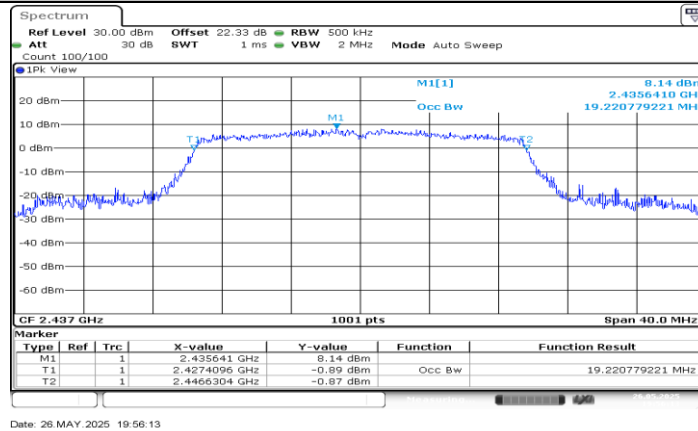
11N40MIMO_Ant2_2452



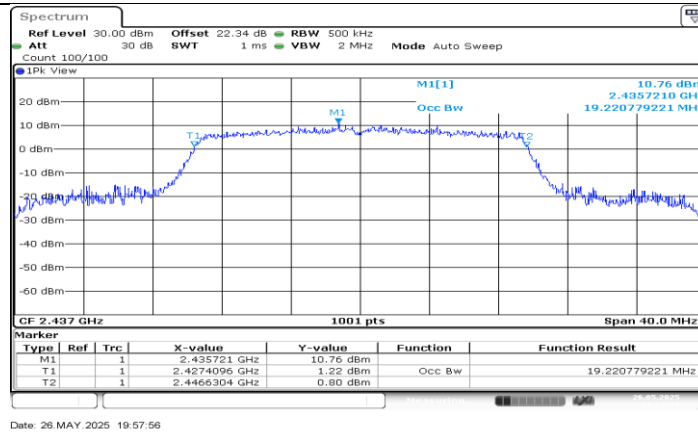
11AX20MIMO_Ant1_2412



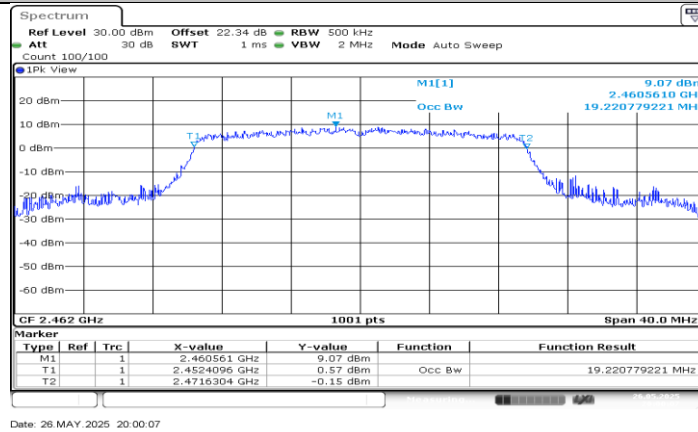
11AX20MIMO_Ant2_2412



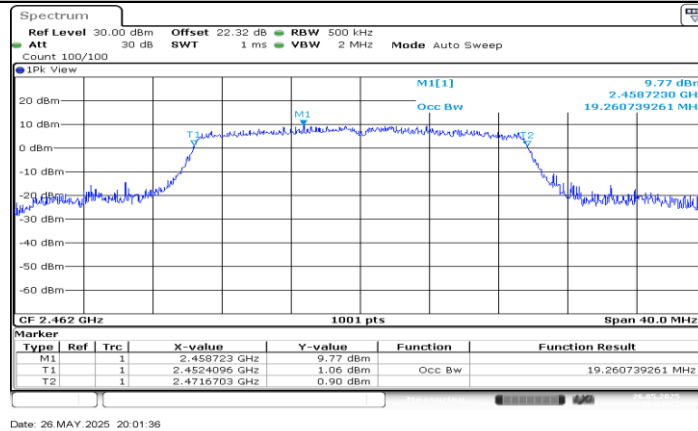
11AX20MIMO_Ant1_2437



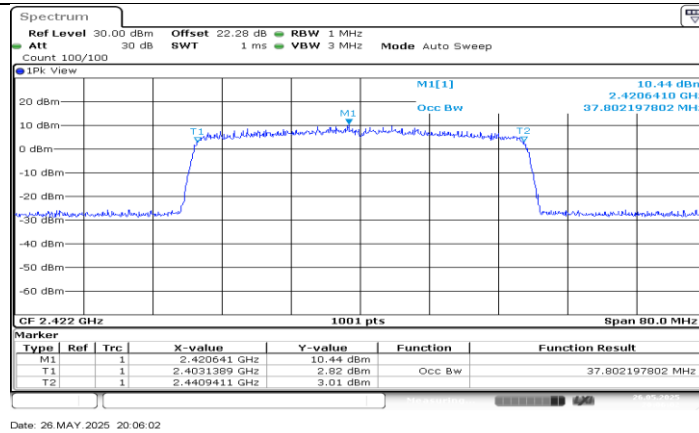
11AX20MIMO_Ant2_2437



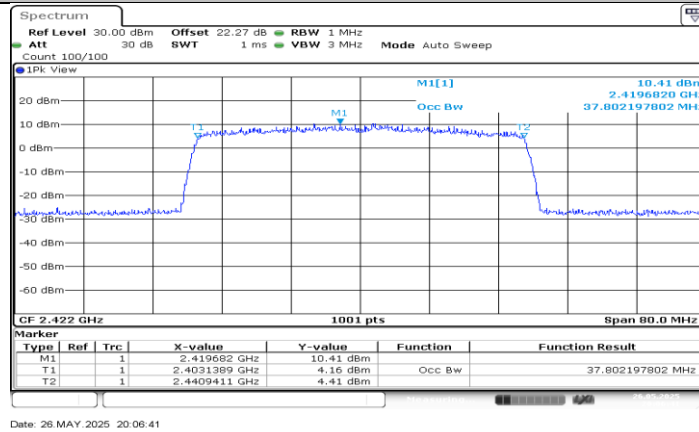
11AX20MIMO_Ant1_2462



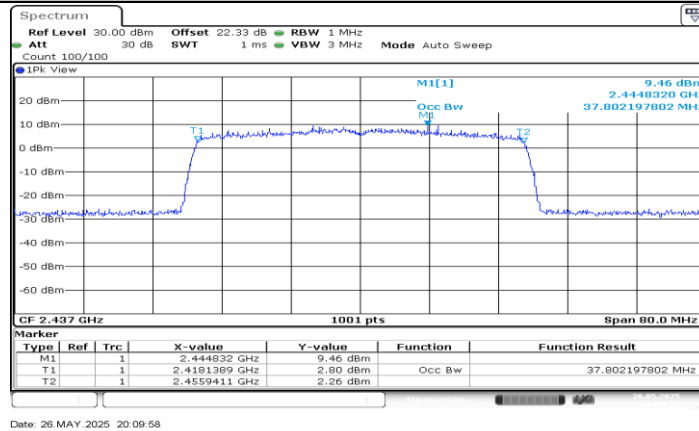
11AX20MIMO_Ant2_2462



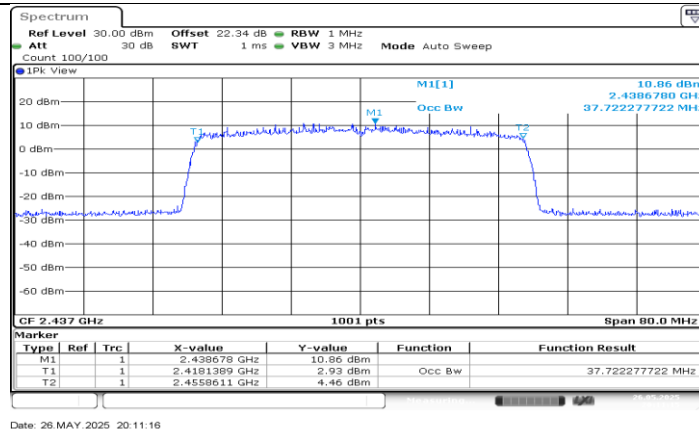
11AX40MIMO_Ant1_2422



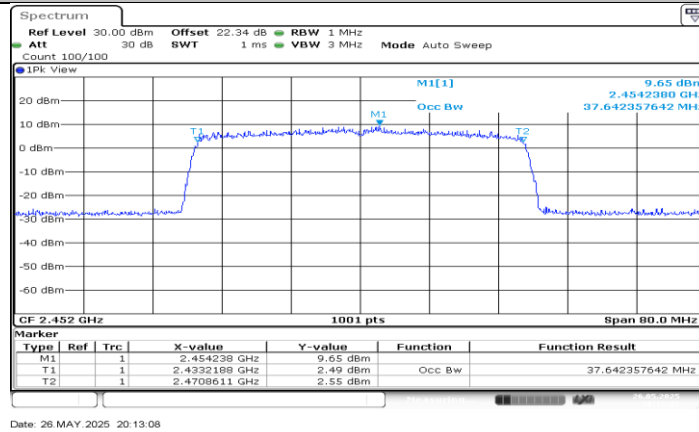
11AX40MIMO_Ant2_2422



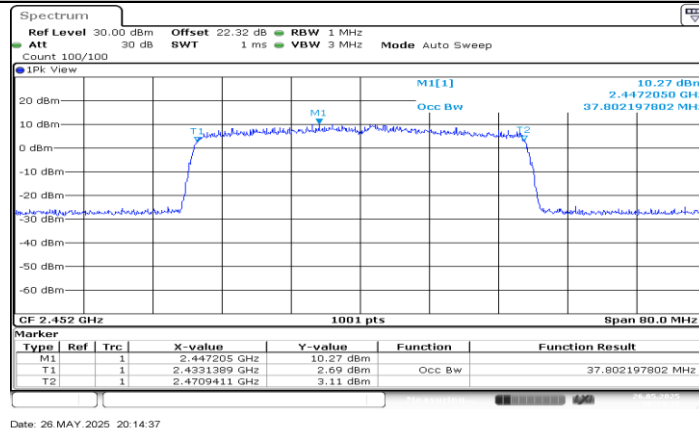
11AX40MIMO_Ant1_2437



11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452



11AX40MIMO_Ant2_2452

11.3. APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

11.3.1. Test Result

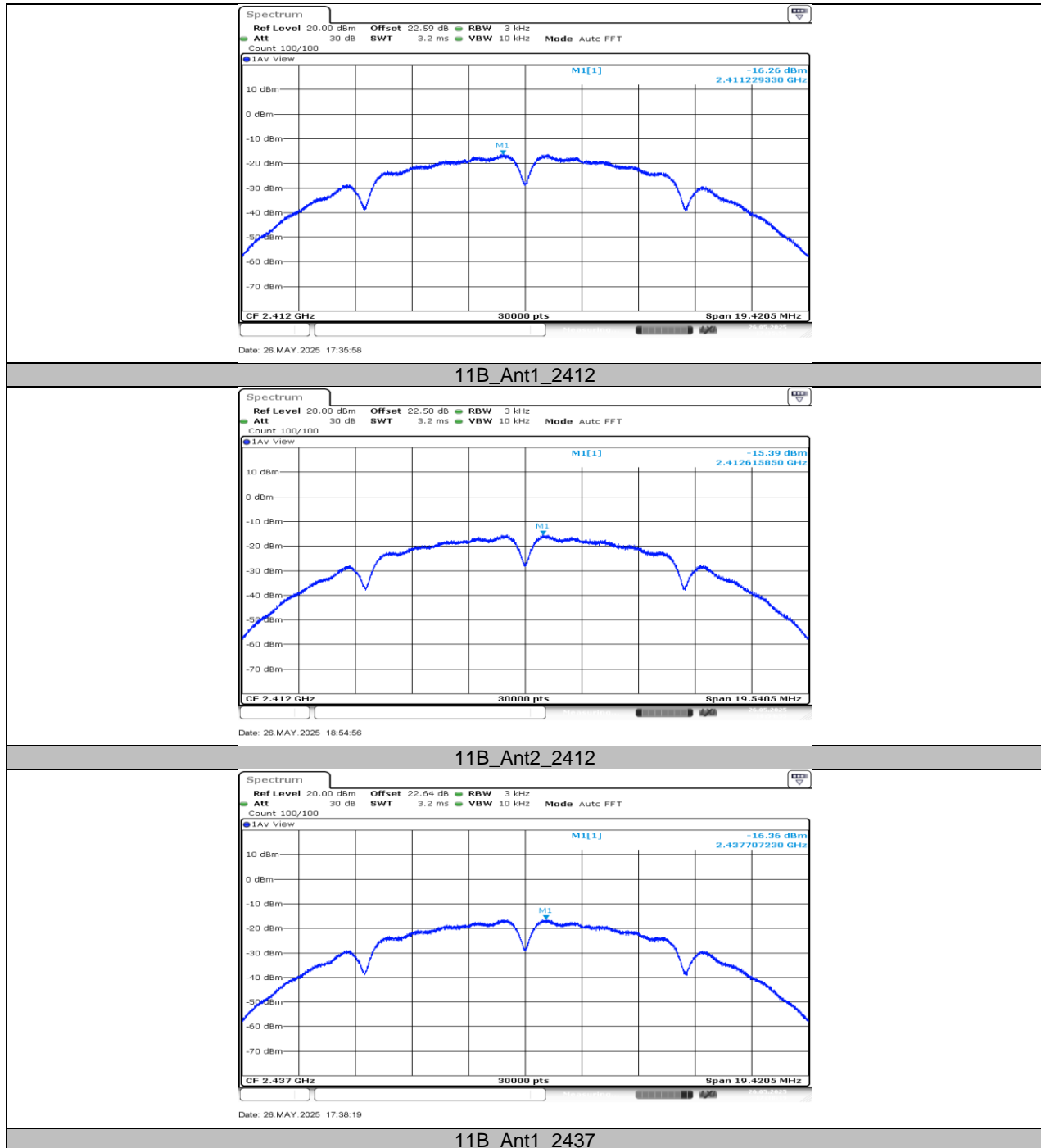
Test Mode	Antenna	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	14.50	≤30.00	PASS
	Ant2	2412	15.52	≤30.00	PASS
	Ant1	2437	14.41	≤30.00	PASS
	Ant2	2437	15.22	≤30.00	PASS
	Ant1	2462	14.17	≤30.00	PASS
	Ant2	2462	14.93	≤30.00	PASS
11G	Ant1	2412	14.17	≤30.00	PASS
	Ant2	2412	15.15	≤30.00	PASS
	Ant1	2437	13.84	≤30.00	PASS
	Ant2	2437	14.64	≤30.00	PASS
	Ant1	2462	13.70	≤30.00	PASS
	Ant2	2462	14.40	≤30.00	PASS
11N20MIMO	Ant1	2412	14.10	≤30.00	PASS
	Ant2	2412	15.04	≤30.00	PASS
	total	2412	17.61	≤30.00	PASS
	Ant1	2437	13.97	≤30.00	PASS
	Ant2	2437	14.45	≤30.00	PASS
	total	2437	17.23	≤30.00	PASS
	Ant1	2462	13.80	≤30.00	PASS
	Ant2	2462	14.26	≤30.00	PASS
11N40MIMO	Ant1	2422	13.53	≤30.00	PASS
	Ant2	2422	14.33	≤30.00	PASS
	total	2422	16.96	≤30.00	PASS
	Ant1	2437	13.39	≤30.00	PASS
	Ant2	2437	14.17	≤30.00	PASS
	total	2437	16.81	≤30.00	PASS
	Ant1	2452	13.40	≤30.00	PASS
	Ant2	2452	14.03	≤30.00	PASS
11AX20MIMO	total	2452	16.74	≤30.00	PASS
	Ant1	2412	12.73	≤30.00	PASS
	Ant2	2412	13.62	≤30.00	PASS
	total	2412	16.21	≤30.00	PASS
	Ant1	2437	12.18	≤30.00	PASS
	Ant2	2437	12.83	≤30.00	PASS
	total	2437	15.53	≤30.00	PASS
	Ant1	2462	12.06	≤30.00	PASS
11AX40MIMO	Ant2	2462	12.57	≤30.00	PASS
	total	2462	15.33	≤30.00	PASS
	Ant1	2422	12.08	≤30.00	PASS
	Ant2	2422	12.74	≤30.00	PASS
	total	2422	15.43	≤30.00	PASS
	Ant1	2437	11.86	≤30.00	PASS
	Ant2	2437	12.53	≤30.00	PASS
	total	2437	15.22	≤30.00	PASS
	Ant1	2452	11.77	≤30.00	PASS
	Ant2	2452	12.36	≤30.00	PASS
	total	2452	15.09	≤30.00	PASS

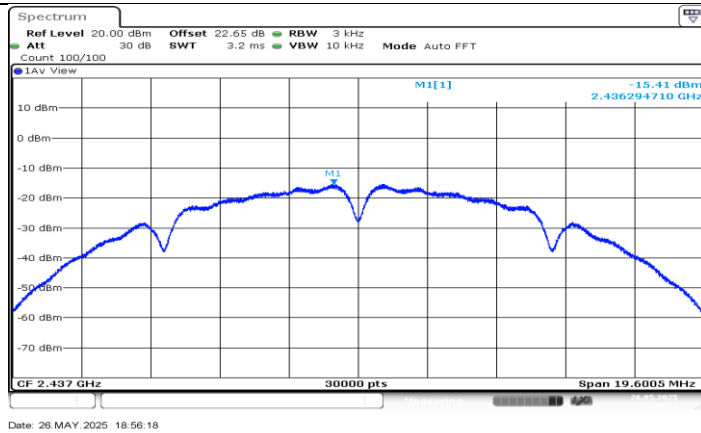
11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

11.4.1. Test Result

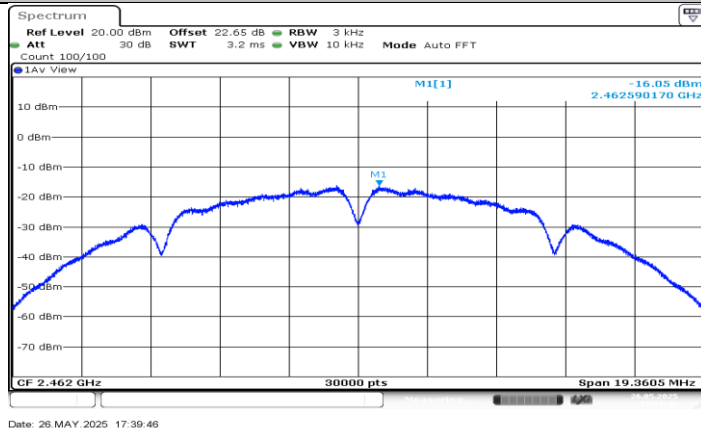
Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-16.26	≤8.00	PASS
	Ant2	2412	-15.39	≤8.00	PASS
	Ant1	2437	-16.36	≤8.00	PASS
	Ant2	2437	-15.41	≤8.00	PASS
	Ant1	2462	-16.05	≤8.00	PASS
	Ant2	2462	-15.53	≤8.00	PASS
11G	Ant1	2412	-18.68	≤8.00	PASS
	Ant2	2412	-17.07	≤8.00	PASS
	Ant1	2437	-18.51	≤8.00	PASS
	Ant2	2437	-18.09	≤8.00	PASS
	Ant1	2462	-18.70	≤8.00	PASS
	Ant2	2462	-17.93	≤8.00	PASS
11N20MIMO	Ant1	2412	-18.26	≤8.00	PASS
	Ant2	2412	-17.26	≤8.00	PASS
	total	2412	-14.72	≤8.00	PASS
	Ant1	2437	-18.52	≤8.00	PASS
	Ant2	2437	-17.69	≤8.00	PASS
	total	2437	-15.07	≤8.00	PASS
	Ant1	2462	-18.90	≤8.00	PASS
	Ant2	2462	-17.74	≤8.00	PASS
11N40MIMO	Ant1	2412	-18.26	≤8.00	PASS
	Ant2	2412	-17.26	≤8.00	PASS
	total	2412	-14.72	≤8.00	PASS
	Ant1	2437	-18.52	≤8.00	PASS
	Ant2	2437	-17.69	≤8.00	PASS
	total	2437	-15.07	≤8.00	PASS
	Ant1	2462	-18.90	≤8.00	PASS
	Ant2	2462	-17.74	≤8.00	PASS
11AX20MIMO	Ant1	2412	-21.35	≤8.00	PASS
	Ant2	2412	-20.37	≤8.00	PASS
	total	2412	-17.82	≤8.00	PASS
	Ant1	2437	-21.72	≤8.00	PASS
	Ant2	2437	-20.73	≤8.00	PASS
	total	2437	-18.19	≤8.00	PASS
	Ant1	2462	-21.79	≤8.00	PASS
	Ant2	2462	-21.42	≤8.00	PASS
11AX40MIMO	Ant1	2412	-24.16	≤8.00	PASS
	Ant2	2412	-24.01	≤8.00	PASS
	total	2412	-21.07	≤8.00	PASS
	Ant1	2437	-25.26	≤8.00	PASS
	Ant2	2437	-23.67	≤8.00	PASS
	total	2437	-21.38	≤8.00	PASS
	Ant1	2452	-24.45	≤8.00	PASS
	Ant2	2452	-23.80	≤8.00	PASS
	total	2452	-21.10	≤8.00	PASS

11.4.2. Test Graphs

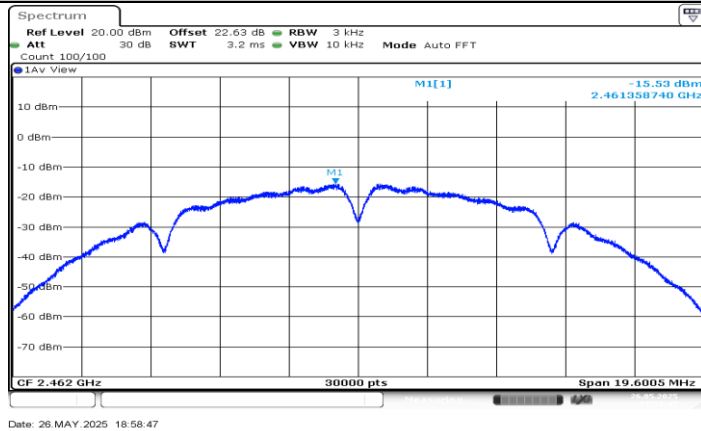




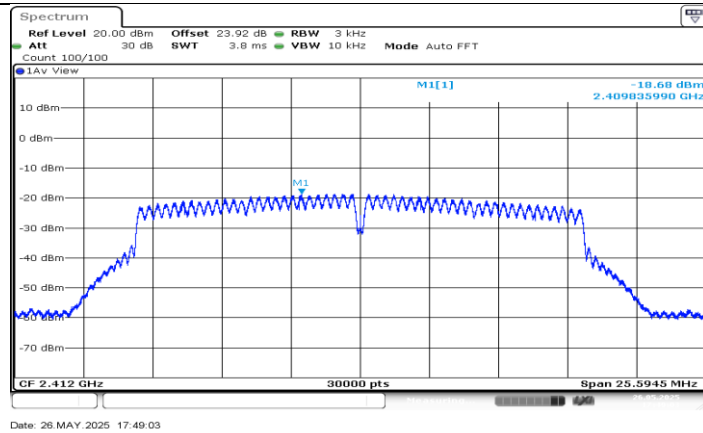
11B_Ant2_2437



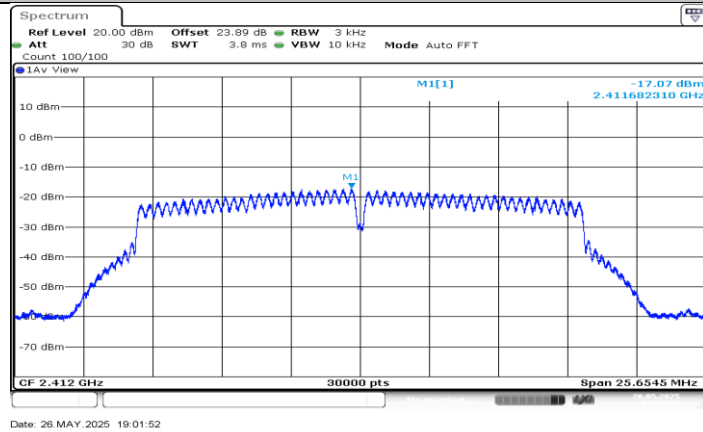
11B_Ant1_2462



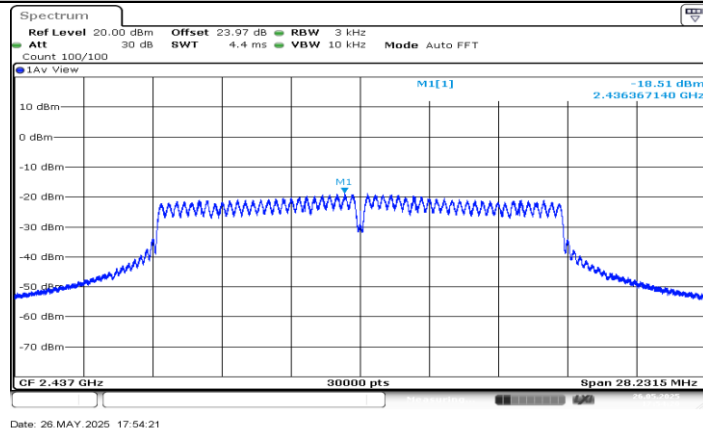
11B_Ant2_2462



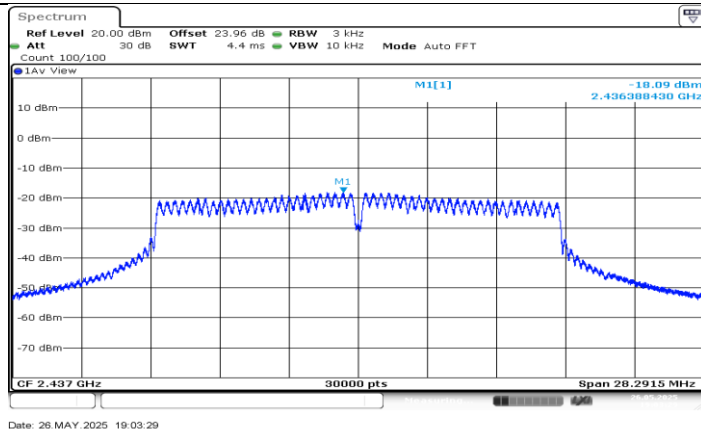
11G_Ant1_2412



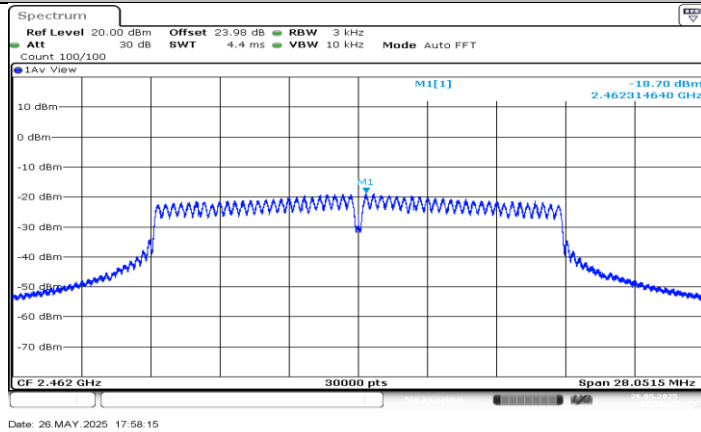
11G_Ant2_2412



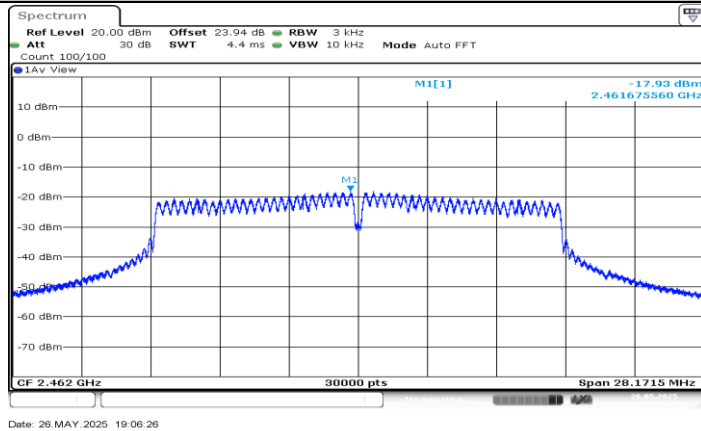
11G_Ant1_2437



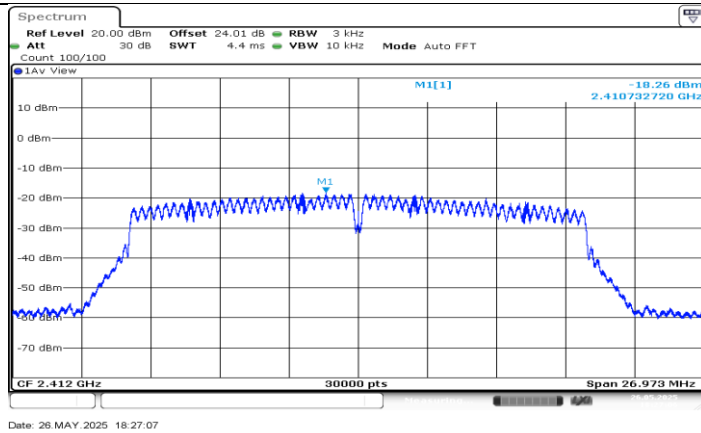
11G_Ant2_2437



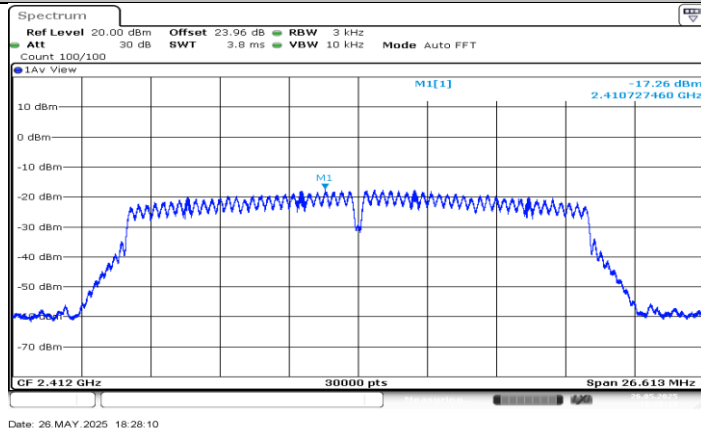
11G_Ant1_2462



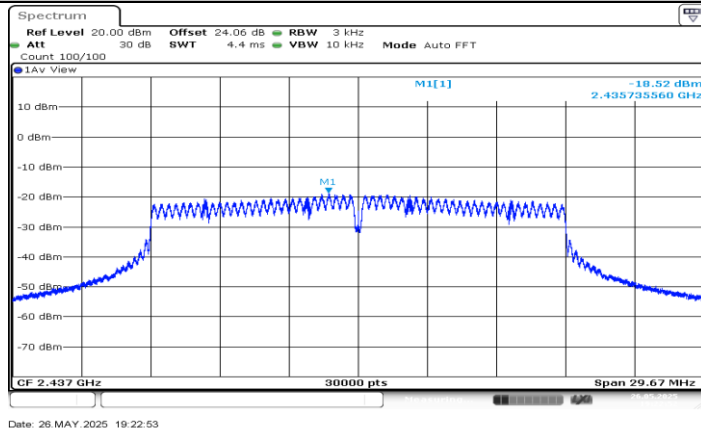
11G_Ant2_2462



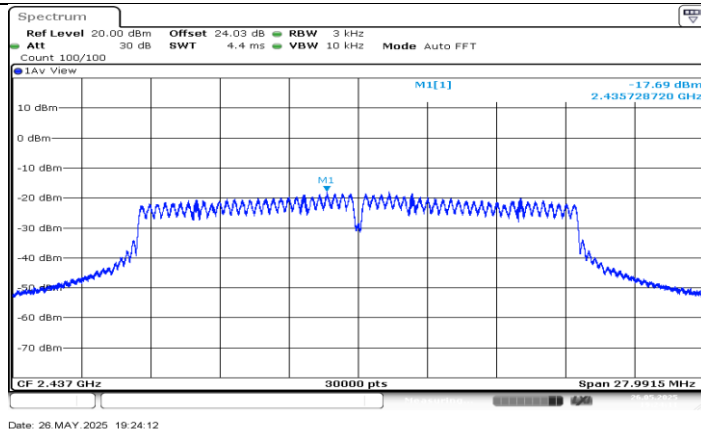
11N20MIMO_Ant1_2412



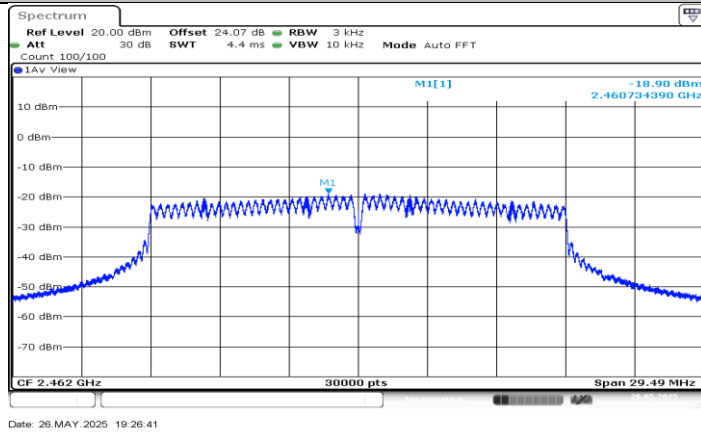
11N20MIMO_Ant2_2412



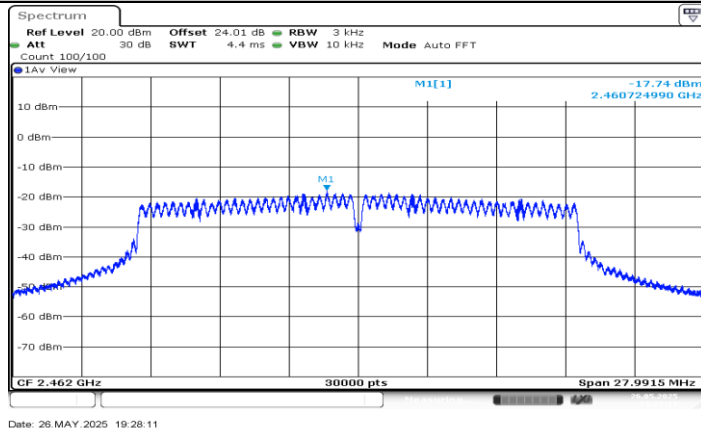
11N20MIMO_Ant1_2437



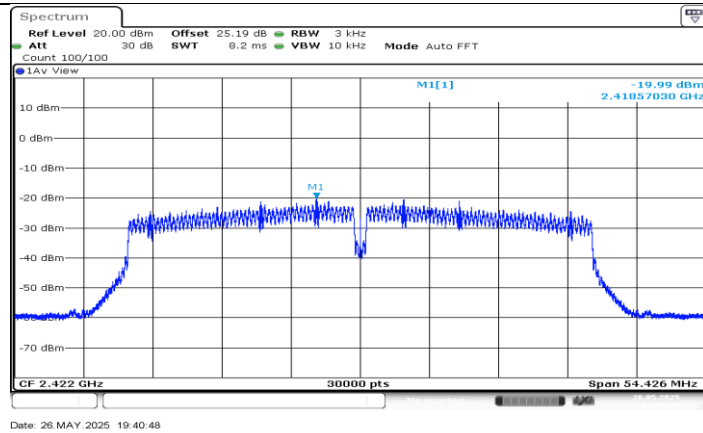
11N20MIMO_Ant2_2437



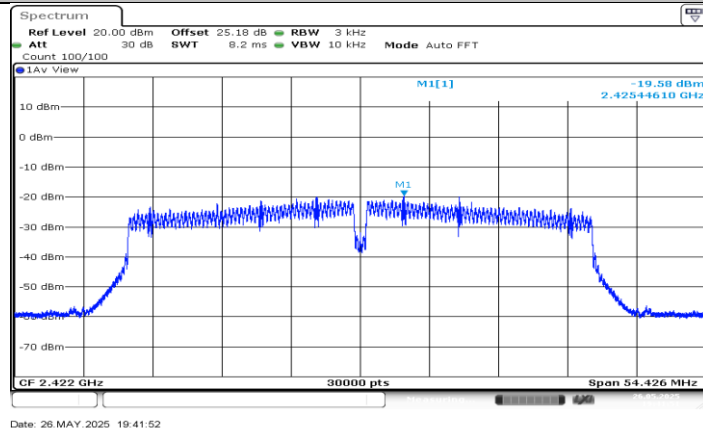
11N20MIMO_Ant1_2462



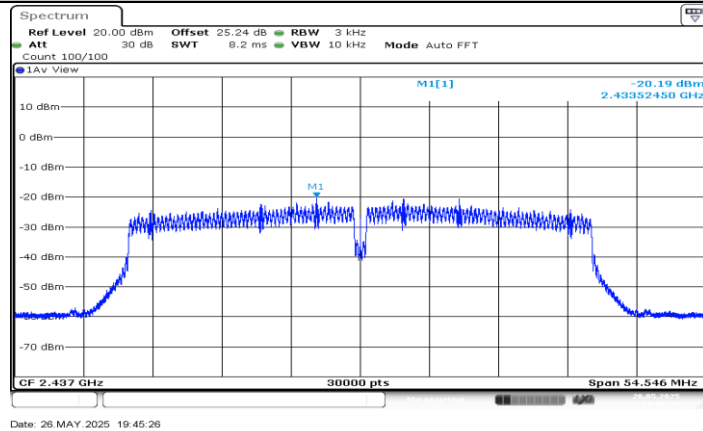
11N20MIMO_Ant2_2462



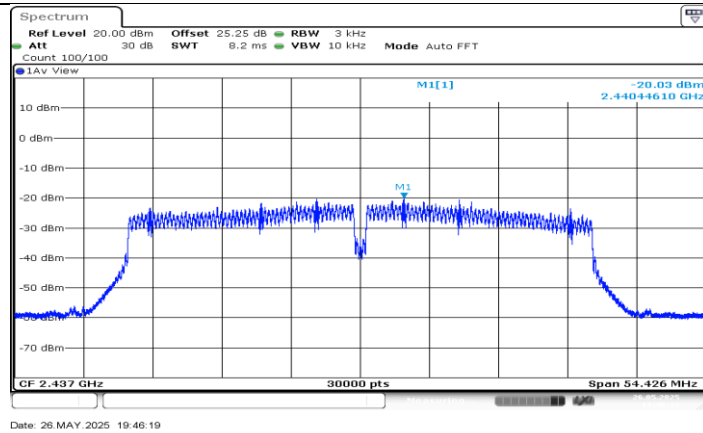
11N40MIMO_Ant1_2422



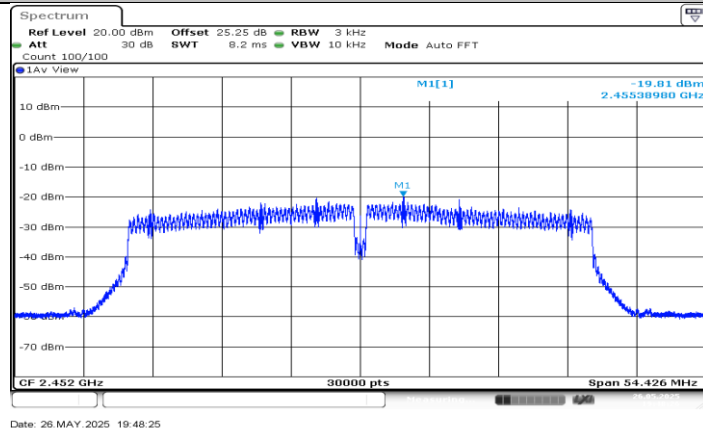
11N40MIMO_Ant2_2422



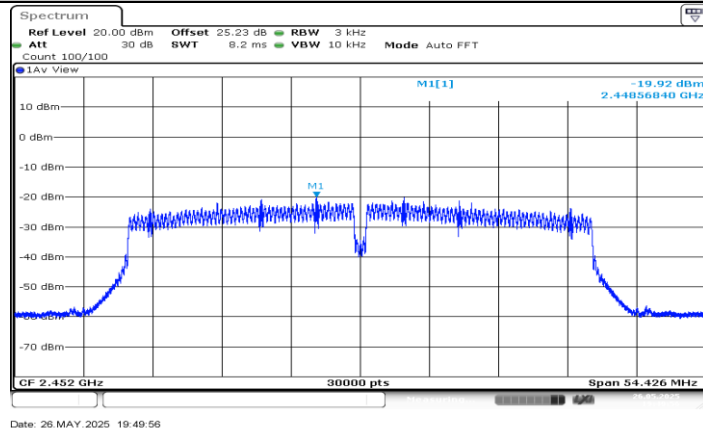
11N40MIMO_Ant1_2437



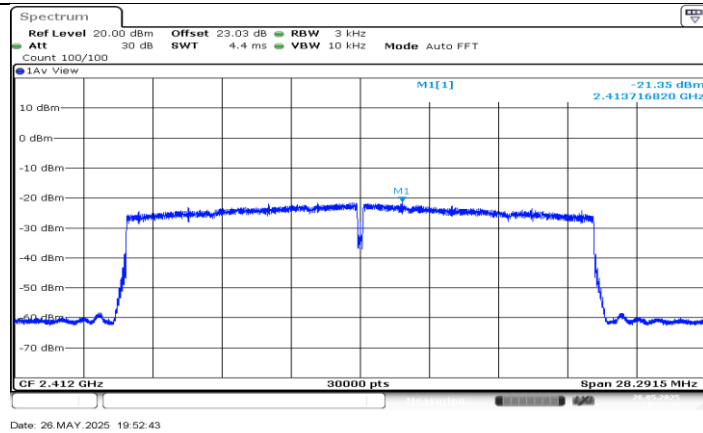
11N40MIMO_Ant2_2437



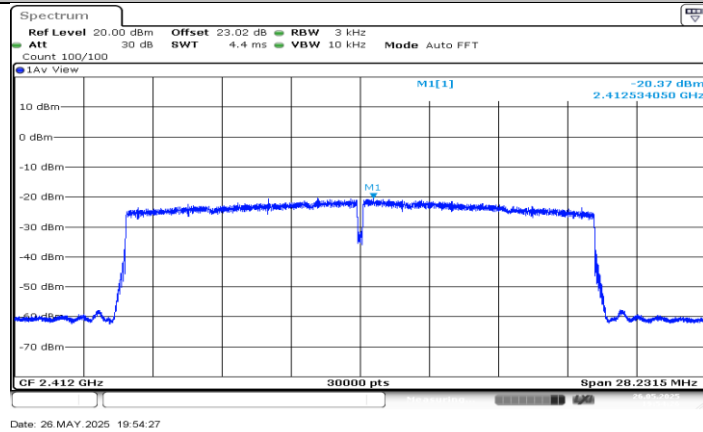
11N40MIMO_Ant1_2452



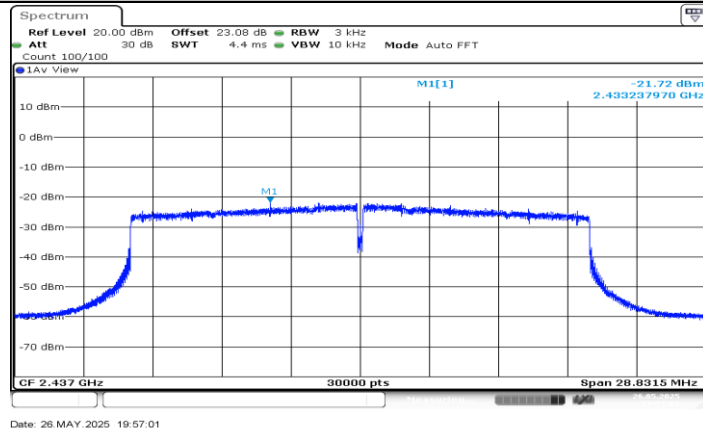
11N40MIMO_Ant2_2452



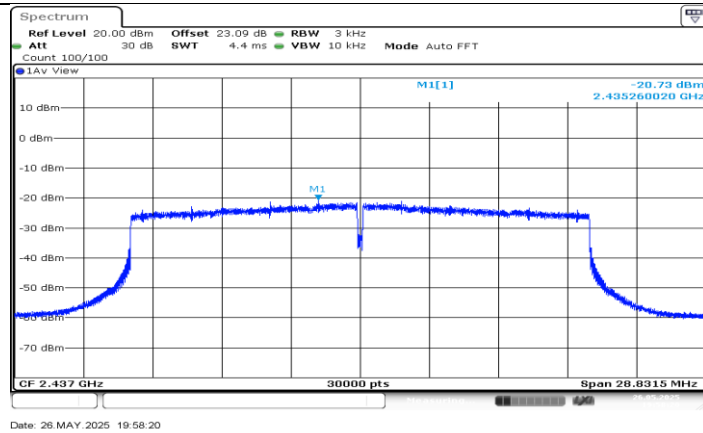
11AX20MIMO_Ant1_2412



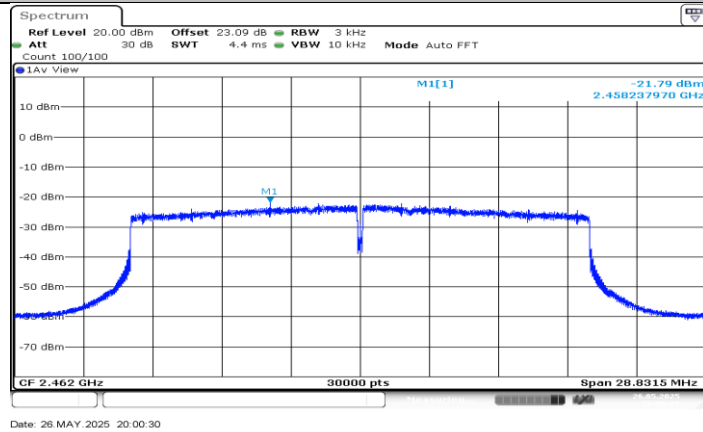
11AX20MIMO_Ant2_2412



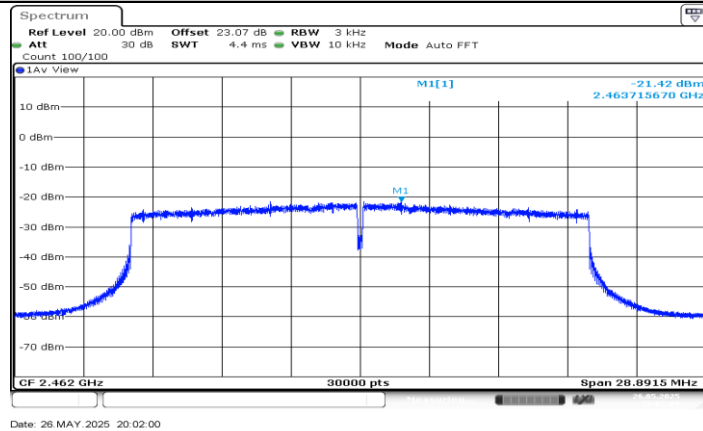
11AX20MIMO_Ant1_2437



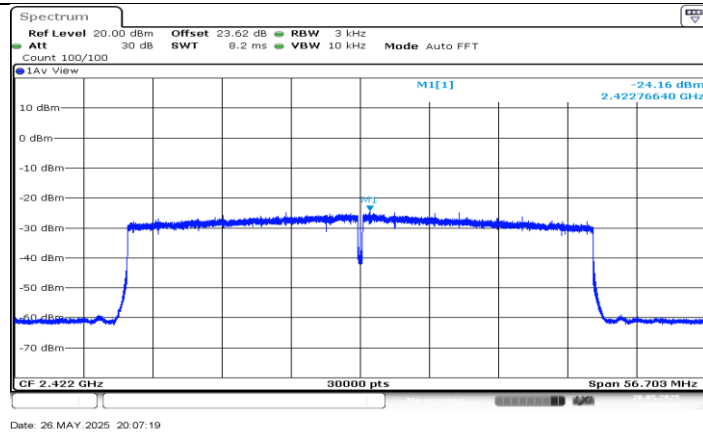
11AX20MIMO_Ant2_2437



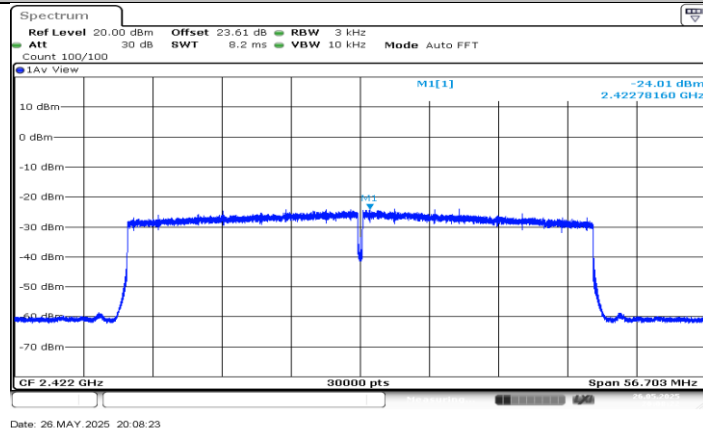
11AX20MIMO_Ant1_2462



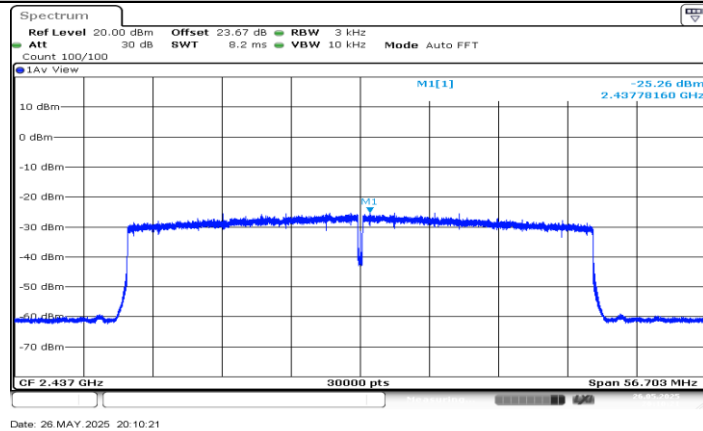
11AX20MIMO_Ant2_2462



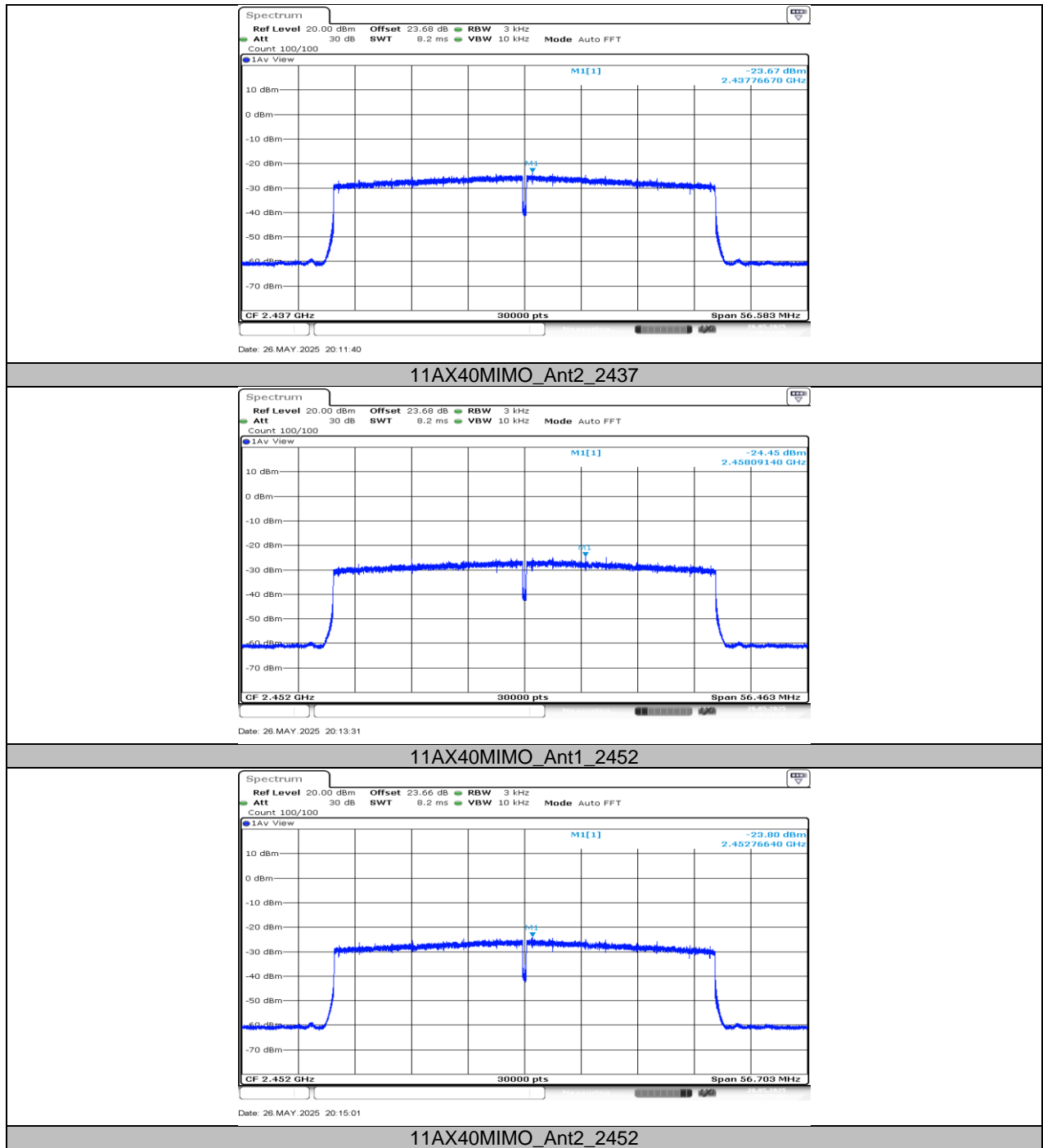
11AX40MIMO_Ant1_2422



11AX40MIMO_Ant2_2422



11AX40MIMO_Ant1_2437

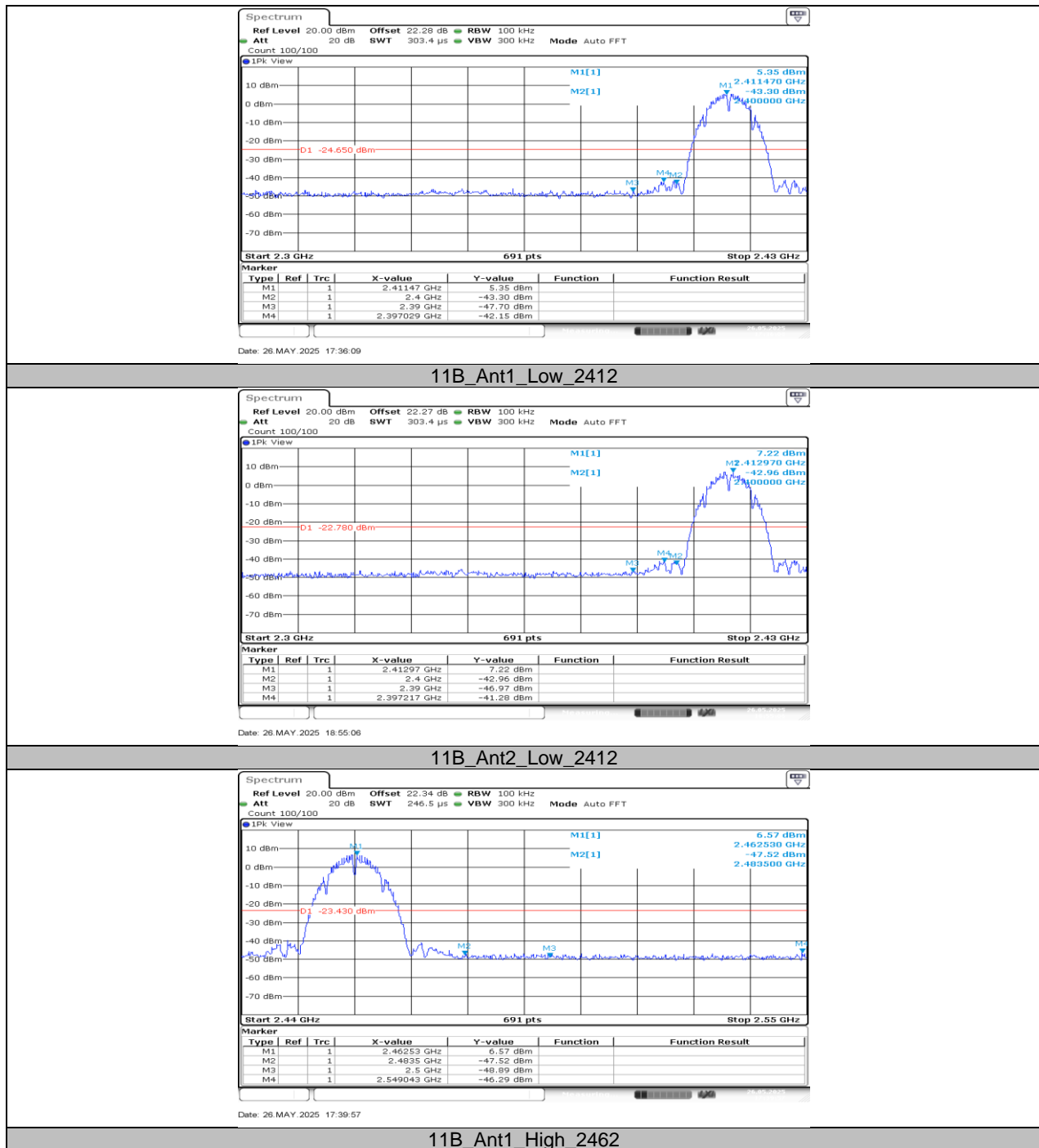


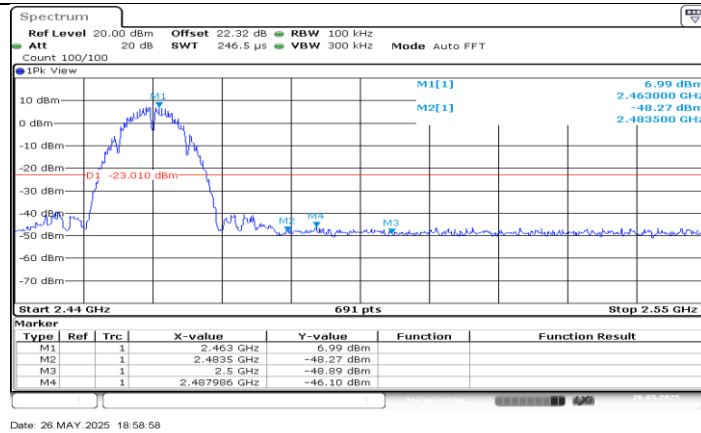
11.5. APPENDIX E: BAND EDGE MEASUREMENTS

11.5.1. Test Result

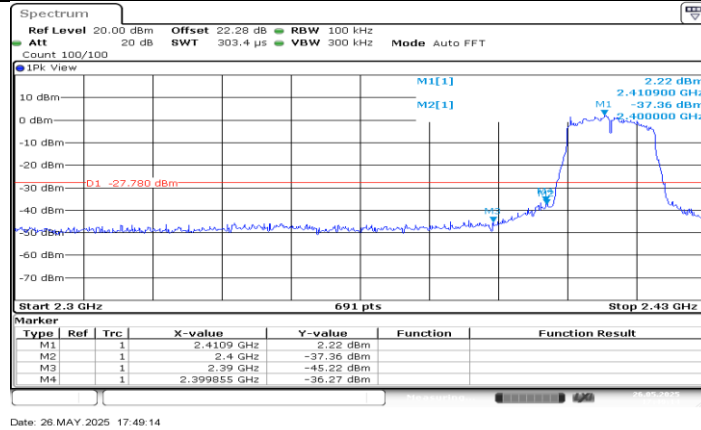
Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.35	-42.15	≤-24.65	PASS
	Ant2	Low	2412	7.22	-41.28	≤-22.78	PASS
	Ant1	High	2462	6.57	-46.29	≤-23.43	PASS
	Ant2	High	2462	6.99	-46.1	≤-23.01	PASS
11G	Ant1	Low	2412	2.22	-36.27	≤-27.78	PASS
	Ant2	Low	2412	5.45	-39.16	≤-24.55	PASS
	Ant1	High	2462	3.27	-45.64	≤-26.73	PASS
	Ant2	High	2462	3.99	-44.72	≤-26.01	PASS
11N20MIMO	Ant1	Low	2412	3.69	-35.4	≤-26.31	PASS
	Ant2	Low	2412	5.43	-39.43	≤-24.57	PASS
	Ant1	High	2462	1.96	-44.5	≤-28.04	PASS
	Ant2	High	2462	2.76	-44.07	≤-27.24	PASS
11N40MIMO	Ant1	Low	2422	0.61	-39.7	≤-29.39	PASS
	Ant2	Low	2422	1.90	-38.95	≤-28.1	PASS
	Ant1	High	2452	1.37	-43.48	≤-28.63	PASS
	Ant2	High	2452	1.47	-43.32	≤-28.53	PASS
11AX20MIMO	Ant1	Low	2412	0.17	-42.6	≤-29.83	PASS
	Ant2	Low	2412	0.29	-40.76	≤-29.71	PASS
	Ant1	High	2462	1.18	-44.56	≤-28.82	PASS
	Ant2	High	2462	1.96	-44.82	≤-28.04	PASS
11AX40MIMO	Ant1	Low	2422	-3.08	-43.4	≤-33.08	PASS
	Ant2	Low	2422	-1.88	-42.43	≤-31.88	PASS
	Ant1	High	2452	-2.86	-45.76	≤-32.86	PASS
	Ant2	High	2452	-0.46	-44.26	≤-30.46	PASS

11.5.2. Test Graphs

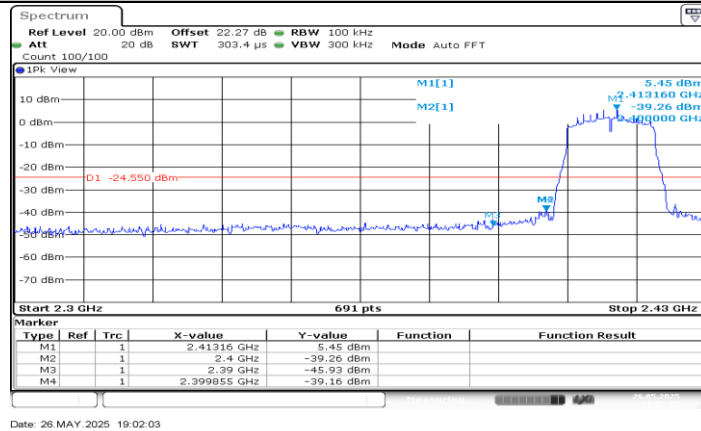




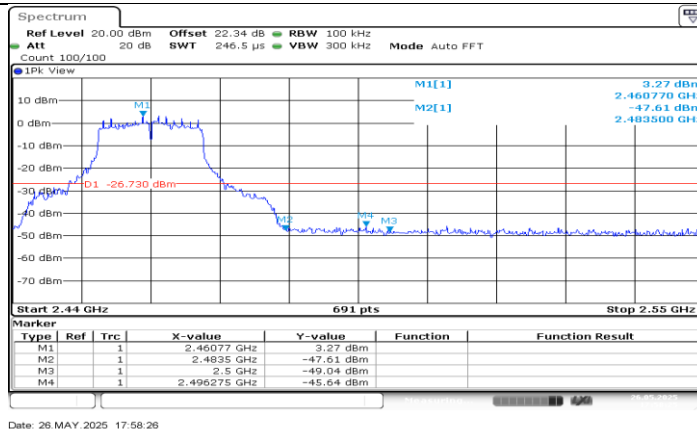
11B_Ant2_High_2462



11G_Ant1_Low_2412



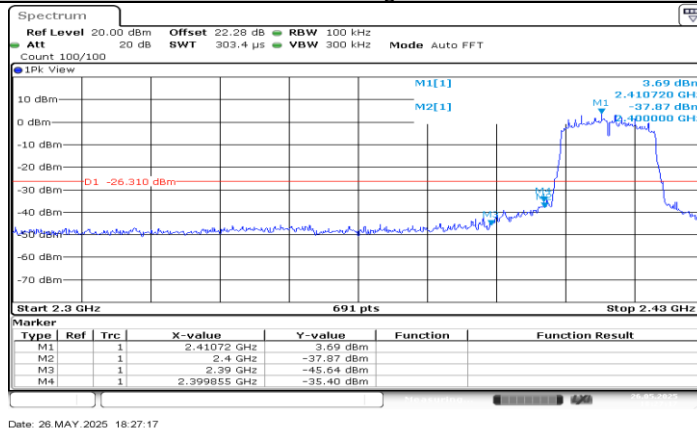
11G_Ant2_Low_2412



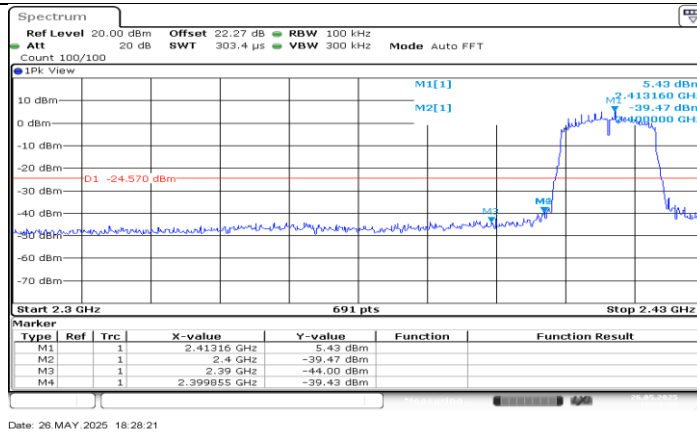
11G_Ant1_High_2462



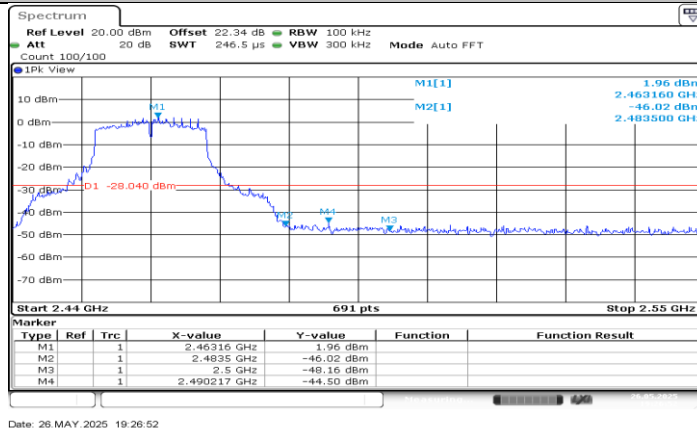
11G_Ant2_High_2462



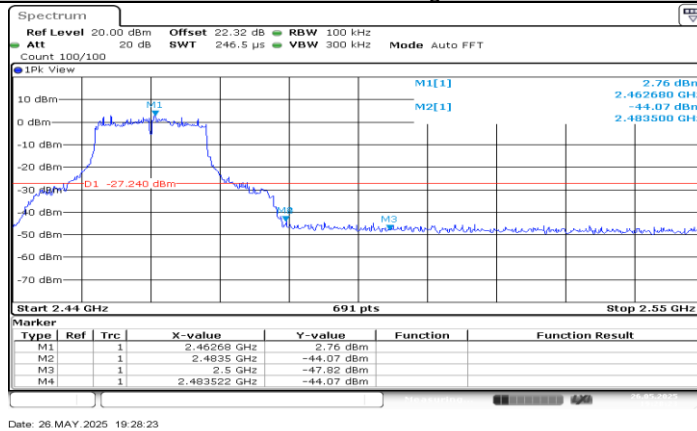
11N20MIMO_Ant1_Low_2412



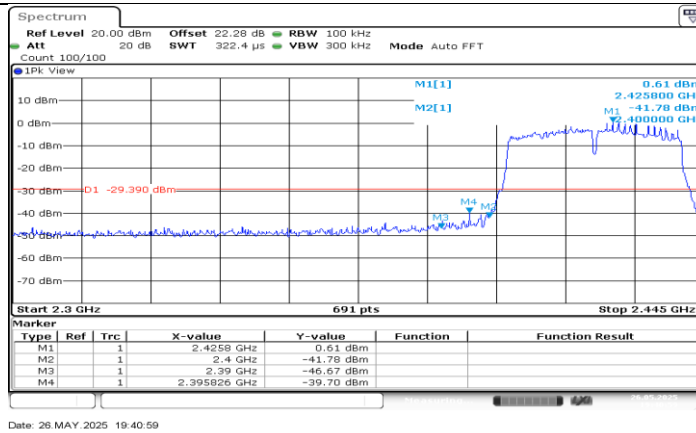
11N20MIMO_Ant2_Low_2412



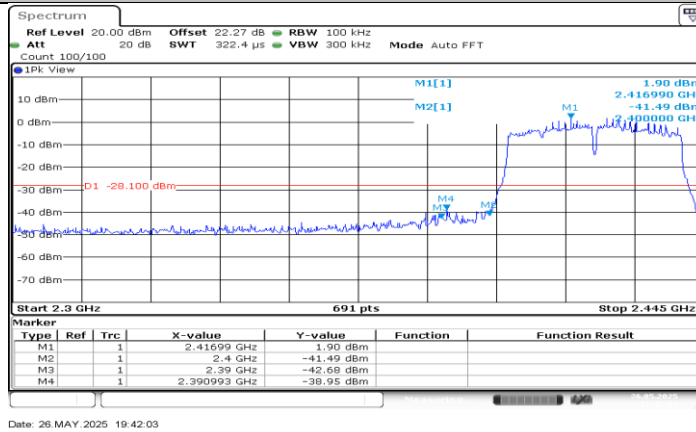
11N20MIMO_Ant1_High_2462



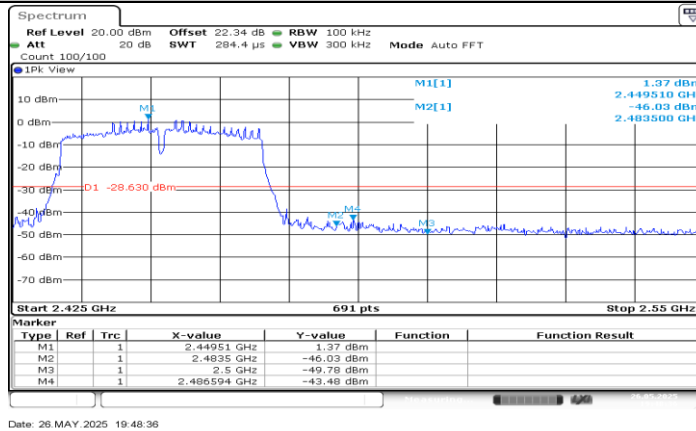
11N20MIMO_Ant2_High_2462



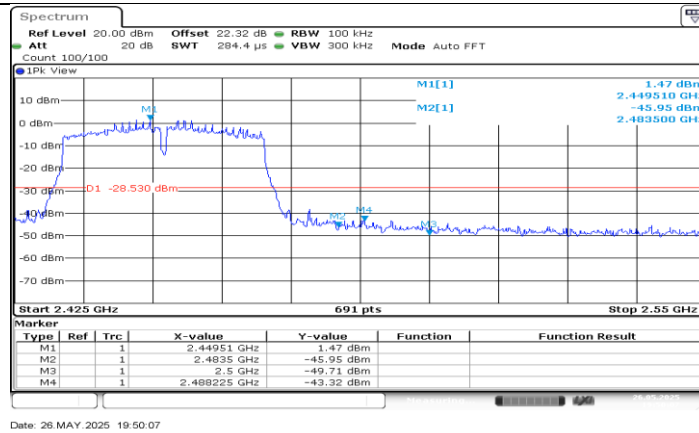
11N40MIMO_Ant1_Low_2422



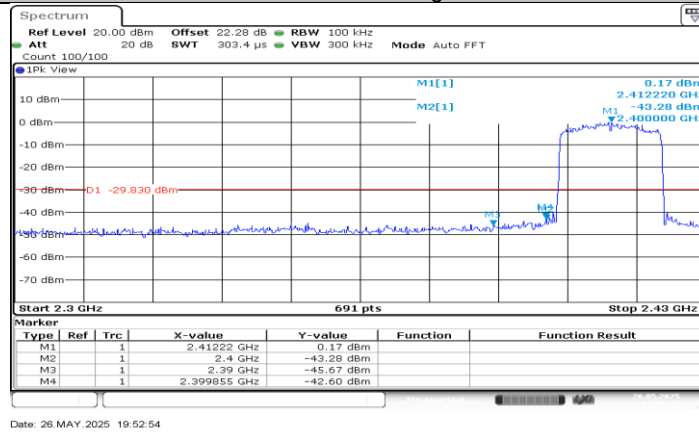
11N40MIMO_Ant2_Low_2422



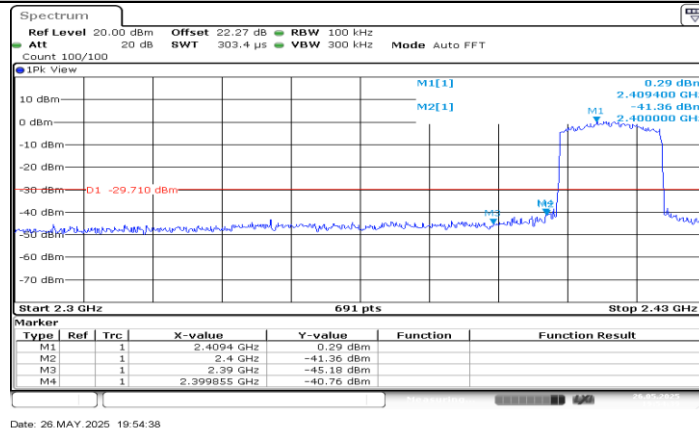
11N40MIMO_Ant1_High_2452



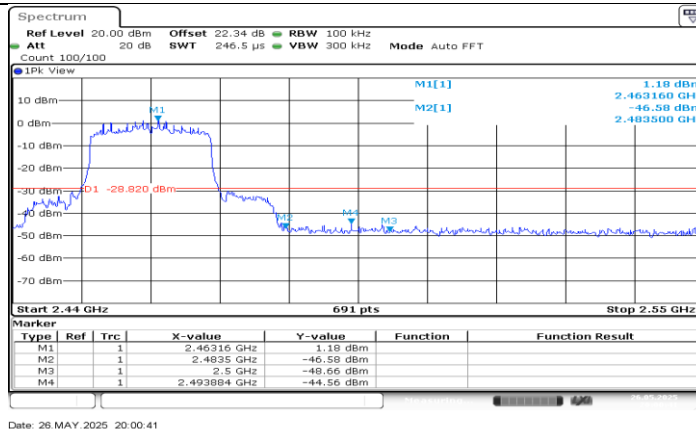
11N40MIMO_Ant2_High_2452



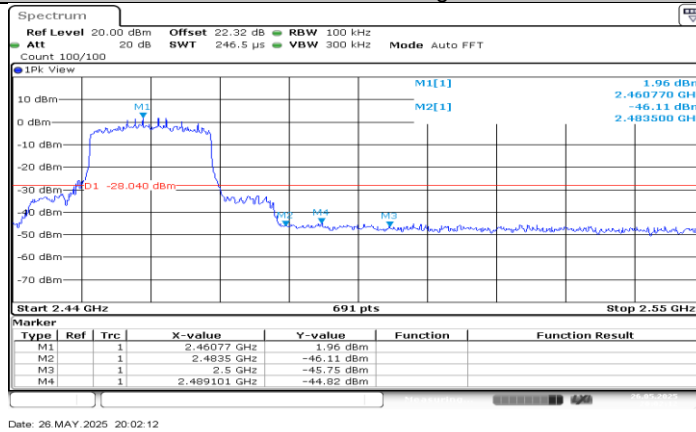
11AX20MIMO_Ant1_Low_2412



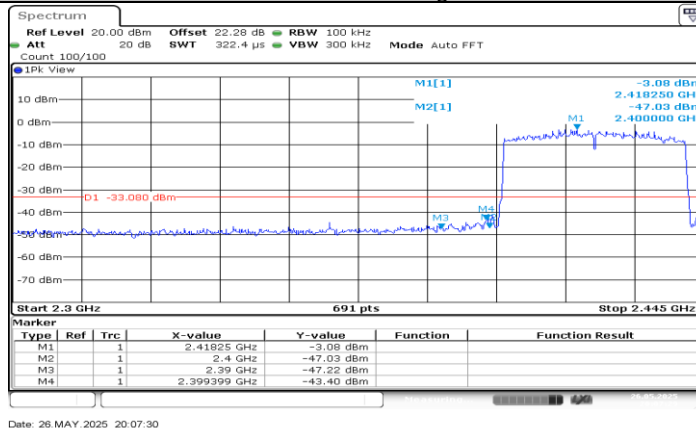
11AX20MIMO_Ant2_Low_2412



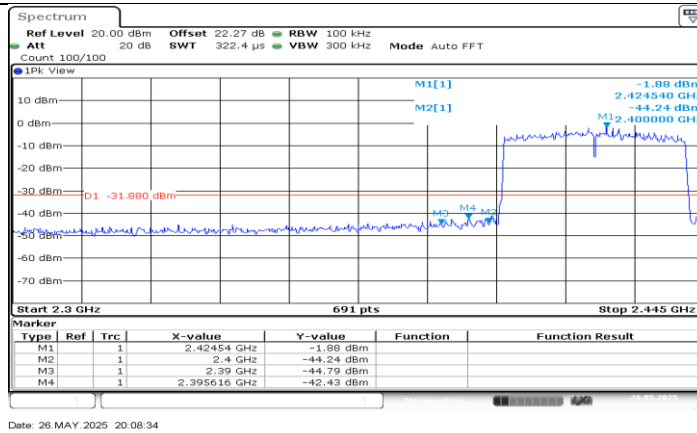
11AX20MIMO_Ant1_High_2462



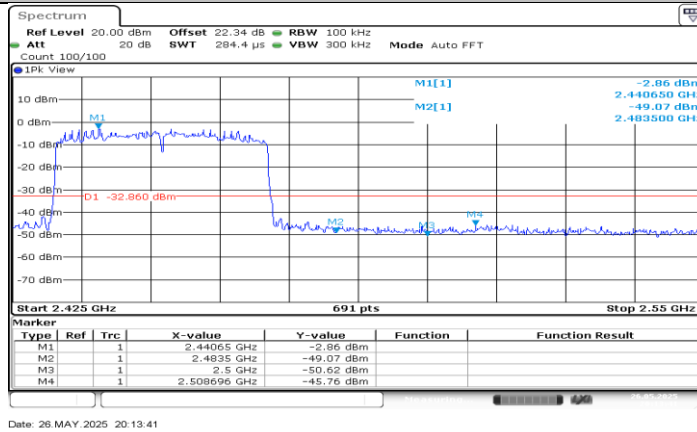
11AX20MIMO_Ant2_High_2462



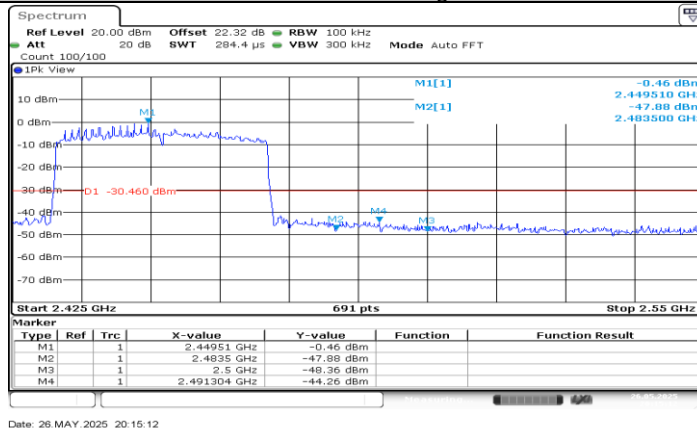
11AX40MIMO_Ant1_Low_2422



11AX40MIMO_Ant2_Low_2422



11AX40MIMO_Ant1_High_2452



11AX40MIMO_Ant2_High_2452

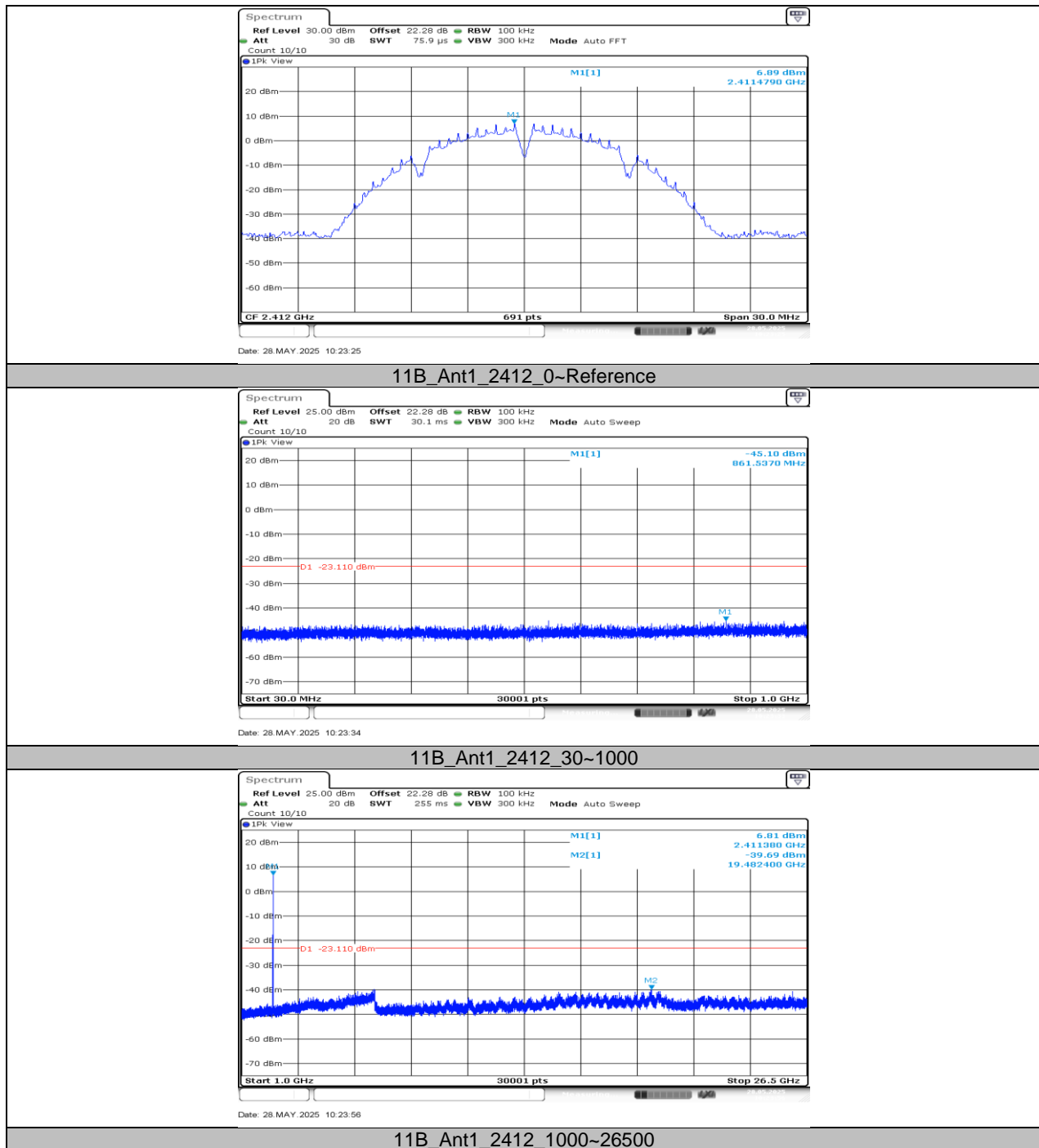
11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

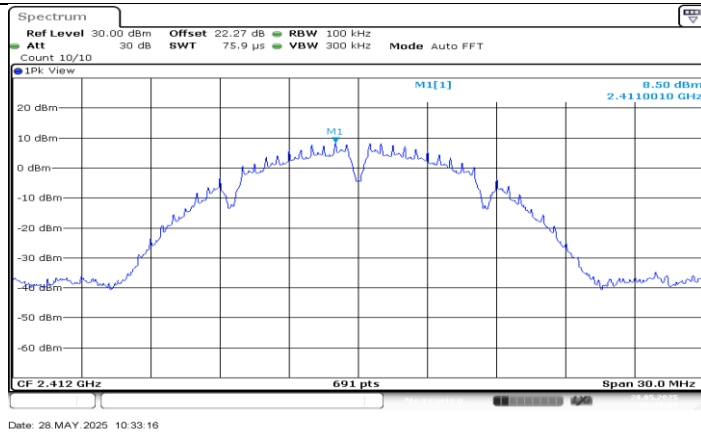
11.6.1. Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	6.89	---	PASS
			30~1000	-45.1	≤ -23.11	PASS
			1000~26500	-39.69	≤ -23.11	PASS
	Ant2	2412	Reference	8.50	---	PASS
			30~1000	-45.44	≤ -21.5	PASS
			1000~26500	-39.64	≤ -21.5	PASS
	Ant1	2437	Reference	6.56	---	PASS
			30~1000	-44.84	≤ -23.44	PASS
			1000~26500	-39.86	≤ -23.44	PASS
	Ant2	2437	Reference	8.10	---	PASS
			30~1000	-44.68	≤ -21.9	PASS
			1000~26500	-39.48	≤ -21.9	PASS
	Ant1	2462	Reference	6.69	---	PASS
			30~1000	-45.41	≤ -23.31	PASS
			1000~26500	-40.06	≤ -23.31	PASS
	Ant2	2462	Reference	7.89	---	PASS
			30~1000	-45.58	≤ -22.11	PASS
			1000~26500	-40.7	≤ -22.11	PASS
11G	Ant1	2412	Reference	4.36	---	PASS
			30~1000	-44.63	≤ -25.64	PASS
			1000~26500	-39.66	≤ -25.64	PASS
	Ant2	2412	Reference	6.75	---	PASS
			30~1000	-45.64	≤ -23.25	PASS
			1000~26500	-40.43	≤ -23.25	PASS
	Ant1	2437	Reference	3.75	---	PASS
			30~1000	-45.31	≤ -26.25	PASS
			1000~26500	-39.99	≤ -26.25	PASS
	Ant2	2437	Reference	5.12	---	PASS
			30~1000	-45.23	≤ -24.88	PASS
			1000~26500	-39.98	≤ -24.88	PASS
	Ant1	2462	Reference	3.62	---	PASS
			30~1000	-44.1	≤ -26.38	PASS
			1000~26500	-39.71	≤ -26.38	PASS
	Ant2	2462	Reference	4.67	---	PASS
			30~1000	-44.5	≤ -25.33	PASS
			1000~26500	-39.64	≤ -25.33	PASS
11N20MIMO	Ant1	2412	Reference	4.19	---	PASS
			30~1000	-45	≤ -25.81	PASS
			1000~26500	-39.68	≤ -25.81	PASS
	Ant2	2412	Reference	5.91	---	PASS
			30~1000	-45.17	≤ -24.09	PASS
			1000~26500	-40.4	≤ -24.09	PASS
	Ant1	2437	Reference	4.00	---	PASS
			30~1000	-45.12	≤ -26	PASS
			1000~26500	-40.01	≤ -26	PASS
	Ant2	2437	Reference	4.85	---	PASS
			30~1000	-45.58	≤ -25.15	PASS
			1000~26500	-40	≤ -25.15	PASS
	Ant1	2462	Reference	3.77	---	PASS
			30~1000	-44.51	≤ -26.23	PASS
			1000~26500	-40.23	≤ -26.23	PASS
	Ant2	2462	Reference	4.37	---	PASS
			30~1000	-45.21	≤ -25.63	PASS
			1000~26500	-39.17	≤ -25.63	PASS
11N40MIMO	Ant1	2422	Reference	0.92	---	PASS

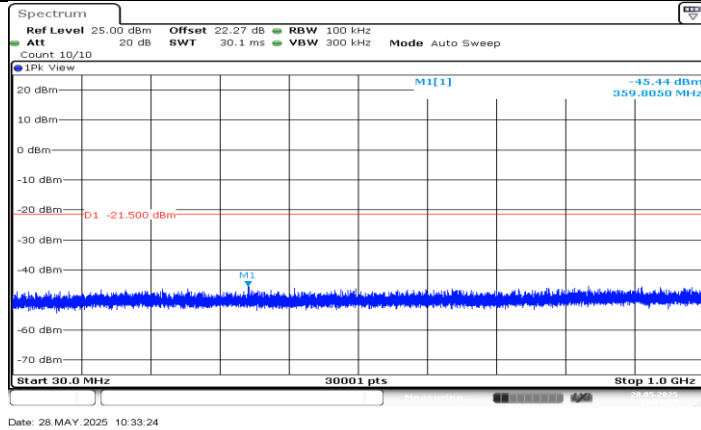
			30~1000	-45.39	≤ -29.08	PASS
			1000~26500	-39.16	≤ -29.08	PASS
			Reference	1.36	---	PASS
	Ant2	2422	30~1000	-45.18	≤ -28.64	PASS
			1000~26500	-40.01	≤ -28.64	PASS
			Reference	1.11	---	PASS
	Ant1	2437	30~1000	-45.23	≤ -28.89	PASS
			1000~26500	-40.67	≤ -28.89	PASS
			Reference	2.22	---	PASS
	Ant2	2437	30~1000	-45.83	≤ -27.78	PASS
			1000~26500	-40.31	≤ -27.78	PASS
			Reference	-0.10	---	PASS
	Ant1	2452	30~1000	-45.35	≤ -30.1	PASS
			1000~26500	-40.6	≤ -30.1	PASS
			Reference	2.21	---	PASS
	Ant2	2452	30~1000	-45.18	≤ -27.79	PASS
			1000~26500	-39.57	≤ -27.79	PASS
			Reference	1.04	---	PASS
11AX20MIMO	Ant1	2412	30~1000	-44.81	≤ -28.96	PASS
			1000~26500	-39.88	≤ -28.96	PASS
			Reference	3.57	---	PASS
	Ant2	2412	30~1000	-45.28	≤ -26.43	PASS
			1000~26500	-39.6	≤ -26.43	PASS
			Reference	1.00	---	PASS
	Ant1	2437	30~1000	-45.19	≤ -29	PASS
			1000~26500	-39.59	≤ -29	PASS
			Reference	2.63	---	PASS
	Ant2	2437	30~1000	-45.17	≤ -27.37	PASS
			1000~26500	-39.55	≤ -27.37	PASS
			Reference	1.35	---	PASS
	Ant1	2462	30~1000	-45.4	≤ -28.65	PASS
			1000~26500	-40.27	≤ -28.65	PASS
			Reference	2.36	---	PASS
	Ant2	2462	30~1000	-45.21	≤ -27.64	PASS
			1000~26500	-39.49	≤ -27.64	PASS
			Reference	-1.54	---	PASS
11AX40MIMO	Ant1	2422	30~1000	-45.03	≤ -31.54	PASS
			1000~26500	-40.01	≤ -31.54	PASS
			Reference	-0.32	---	PASS
	Ant2	2422	30~1000	-45.23	≤ -30.32	PASS
			1000~26500	-40.23	≤ -30.32	PASS
			Reference	-1.94	---	PASS
	Ant1	2437	30~1000	-45.72	≤ -31.94	PASS
			1000~26500	-39.87	≤ -31.94	PASS
			Reference	-0.23	---	PASS
	Ant2	2437	30~1000	-45.24	≤ -30.23	PASS
			1000~26500	-39.31	≤ -30.23	PASS
			Reference	-2.21	---	PASS
	Ant1	2452	30~1000	-44.86	≤ -32.21	PASS
			1000~26500	-40.27	≤ -32.21	PASS
			Reference	-0.39	---	PASS
	Ant2	2452	30~1000	-44.85	≤ -30.39	PASS
			1000~26500	-40.1	≤ -30.39	PASS

11.6.2. Test Graphs

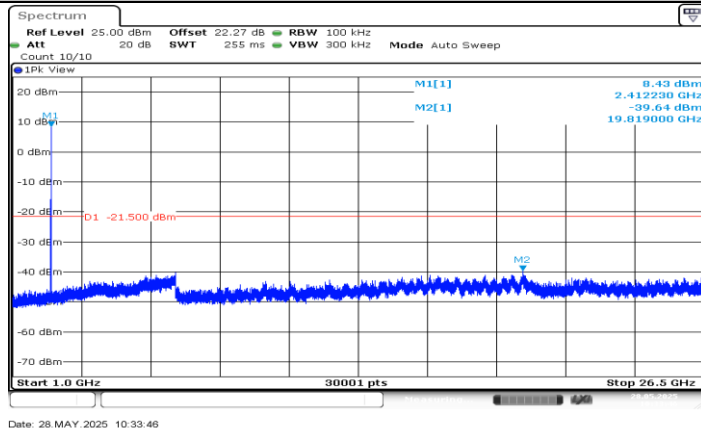




11B_Ant2_2412_0~Reference



11B_Ant2_2412_30~1000



11B_Ant2_2412_1000~26500