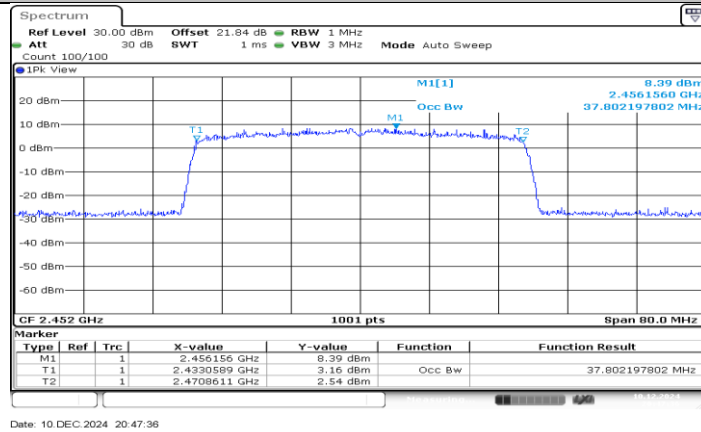
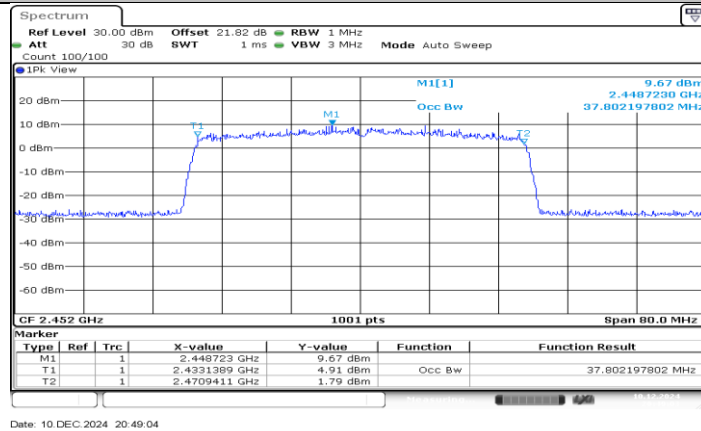


11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452



11AX40MIMO_Ant2_2452

11.3. APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

11.3.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	14.30	≤30.00	PASS
	Ant2	2412	13.73	≤30.00	PASS
	Ant1	2437	14.44	≤30.00	PASS
	Ant2	2437	13.79	≤30.00	PASS
	Ant1	2462	14.67	≤30.00	PASS
	Ant2	2462	13.63	≤30.00	PASS
11G	Ant1	2412	14.31	≤30.00	PASS
	Ant2	2412	13.83	≤30.00	PASS
	Ant1	2437	14.56	≤30.00	PASS
	Ant2	2437	14.53	≤30.00	PASS
	Ant1	2462	14.54	≤30.00	PASS
	Ant2	2462	14.50	≤30.00	PASS
11N20MIMO	Ant1	2412	14.16	≤30.00	PASS
	Ant2	2412	13.85	≤30.00	PASS
	total	2412	17.02	≤30.00	PASS
	Ant1	2437	14.09	≤30.00	PASS
	Ant2	2437	13.97	≤30.00	PASS
	total	2437	17.04	≤30.00	PASS
	Ant1	2462	14.15	≤30.00	PASS
	Ant2	2462	13.99	≤30.00	PASS
	total	2462	17.08	≤30.00	PASS
	total	2412	17.08	≤30.00	PASS
11N40MIMO	Ant1	2422	14.02	≤30.00	PASS
	Ant2	2422	13.76	≤30.00	PASS
	total	2422	16.90	≤30.00	PASS
	Ant1	2437	14.31	≤30.00	PASS
	Ant2	2437	14.18	≤30.00	PASS
	total	2437	17.26	≤30.00	PASS
	Ant1	2452	14.17	≤30.00	PASS
	Ant2	2452	14.20	≤30.00	PASS
	total	2452	17.20	≤30.00	PASS
	total	2422	17.20	≤30.00	PASS
11AX20MIMO	Ant1	2412	12.22	≤30.00	PASS
	Ant2	2412	12.02	≤30.00	PASS
	total	2412	15.13	≤30.00	PASS
	Ant1	2437	12.37	≤30.00	PASS
	Ant2	2437	12.30	≤30.00	PASS
	total	2437	15.35	≤30.00	PASS
	Ant1	2462	12.30	≤30.00	PASS
	Ant2	2462	12.18	≤30.00	PASS
	total	2462	15.25	≤30.00	PASS
	total	2412	15.25	≤30.00	PASS
11AX40MIMO	Ant1	2422	12.36	≤30.00	PASS
	Ant2	2422	12.08	≤30.00	PASS
	total	2422	15.23	≤30.00	PASS
	Ant1	2437	12.27	≤30.00	PASS
	Ant2	2437	12.17	≤30.00	PASS
	total	2437	15.23	≤30.00	PASS
	Ant1	2452	12.23	≤30.00	PASS
	Ant2	2452	12.07	≤30.00	PASS
	total	2452	15.16	≤30.00	PASS
	total	2422	15.16	≤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.

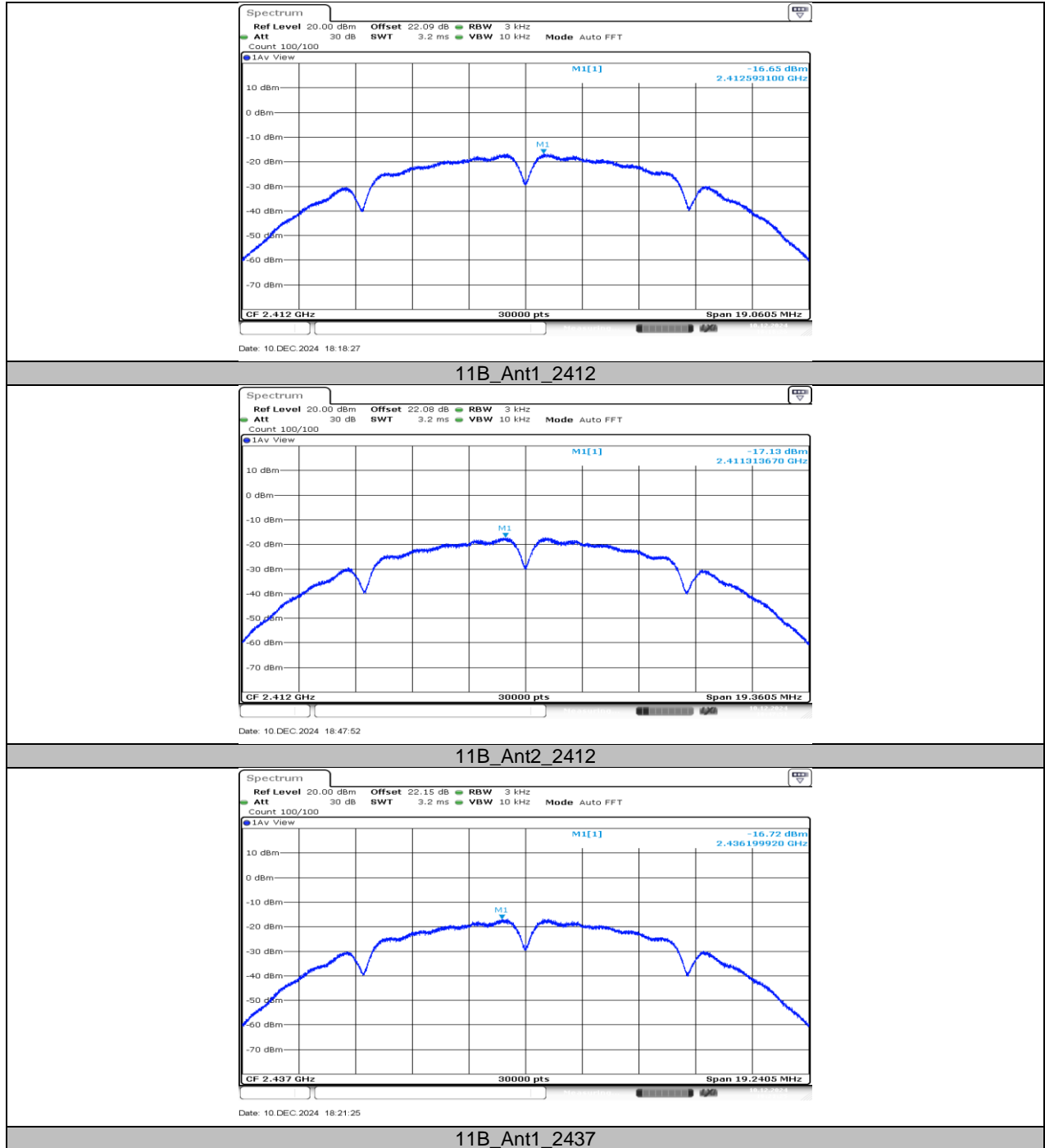
11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

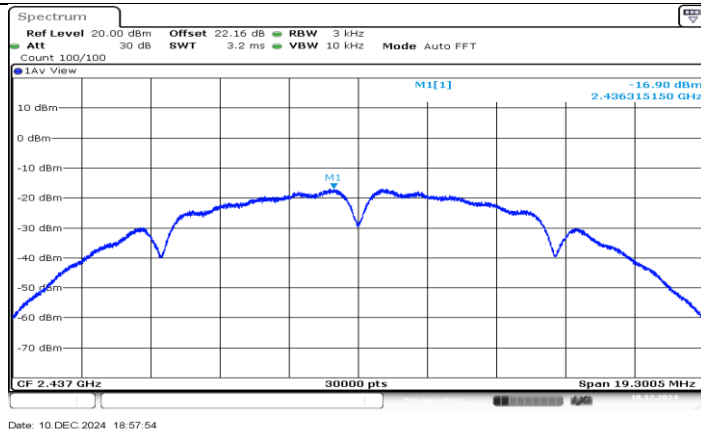
11.4.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-16.65	≤8.00	PASS
	Ant2	2412	-17.13	≤8.00	PASS
	Ant1	2437	-16.72	≤8.00	PASS
	Ant2	2437	-16.90	≤8.00	PASS
	Ant1	2462	-16.88	≤8.00	PASS
	Ant2	2462	-17.14	≤8.00	PASS
11G	Ant1	2412	-18.05	≤8.00	PASS
	Ant2	2412	-18.63	≤8.00	PASS
	Ant1	2437	-18.18	≤8.00	PASS
	Ant2	2437	-18.26	≤8.00	PASS
	Ant1	2462	-18.32	≤8.00	PASS
	Ant2	2462	-18.49	≤8.00	PASS
11N20MIMO	Ant1	2412	-18.43	≤8.00	PASS
	Ant2	2412	-18.46	≤8.00	PASS
	total	2412	-15.43	≤8.00	PASS
	Ant1	2437	-18.78	≤8.00	PASS
	Ant2	2437	-18.42	≤8.00	PASS
	total	2437	-15.59	≤8.00	PASS
	Ant1	2462	-18.58	≤8.00	PASS
	Ant2	2462	-18.76	≤8.00	PASS
11N40MIMO	Ant1	2422	-19.24	≤8.00	PASS
	Ant2	2422	-20.03	≤8.00	PASS
	total	2422	-16.61	≤8.00	PASS
	Ant1	2437	-19.87	≤8.00	PASS
	Ant2	2437	-20.14	≤8.00	PASS
	total	2437	-16.99	≤8.00	PASS
	Ant1	2452	-19.77	≤8.00	PASS
	Ant2	2452	-20.12	≤8.00	PASS
11AX20MIMO	Ant1	2412	-19.35	≤8.00	PASS
	Ant2	2412	-19.51	≤8.00	PASS
	total	2412	-16.42	≤8.00	PASS
	Ant1	2437	-18.98	≤8.00	PASS
	Ant2	2437	-19.43	≤8.00	PASS
	total	2437	-16.19	≤8.00	PASS
	Ant1	2462	-19.48	≤8.00	PASS
	Ant2	2462	-19.44	≤8.00	PASS
11AX40MIMO	Ant1	2422	-22.39	≤8.00	PASS
	Ant2	2422	-22.20	≤8.00	PASS
	total	2422	-19.28	≤8.00	PASS
	Ant1	2437	-21.61	≤8.00	PASS
	Ant2	2437	-22.08	≤8.00	PASS
	total	2437	-18.83	≤8.00	PASS
	Ant1	2452	-21.78	≤8.00	PASS
	Ant2	2452	-22.09	≤8.00	PASS
	total	2452	-18.92	≤8.00	PASS

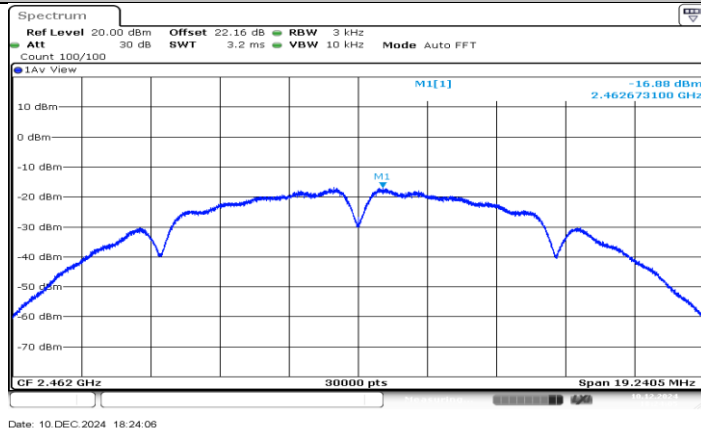
Note: 1. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

11.4.2. Test Graphs

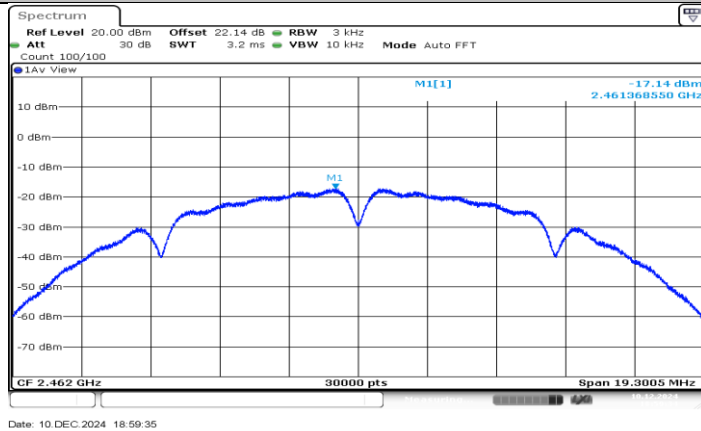




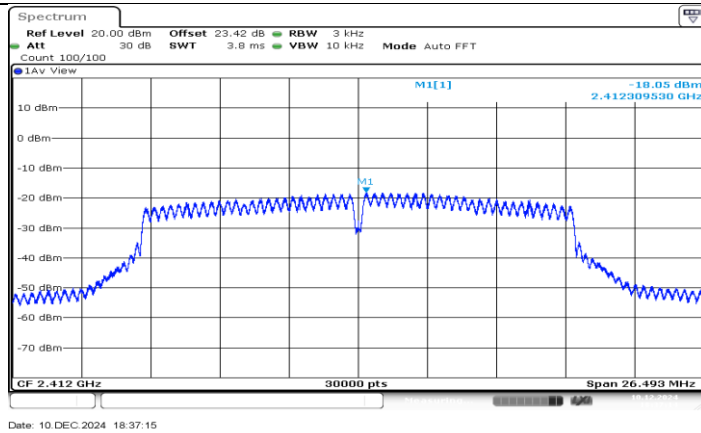
11B_Ant2_2437



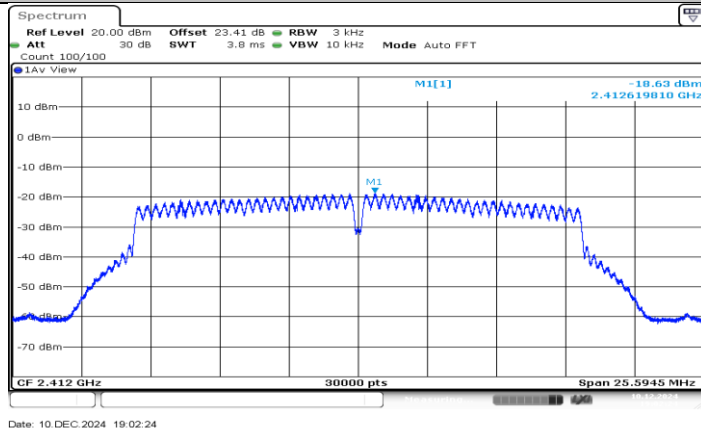
11B_Ant1_2462



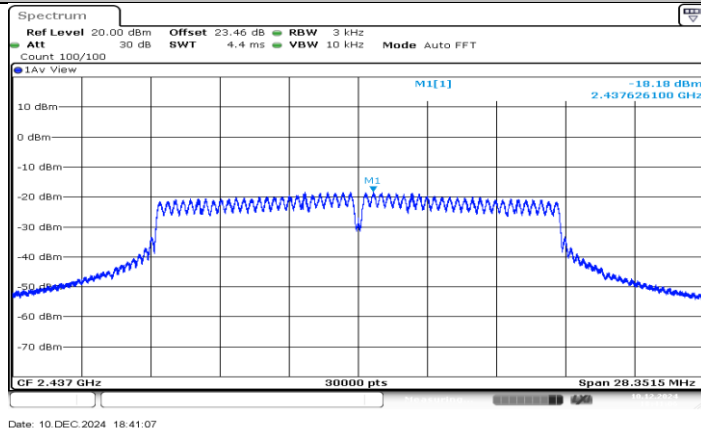
11B_Ant2_2462



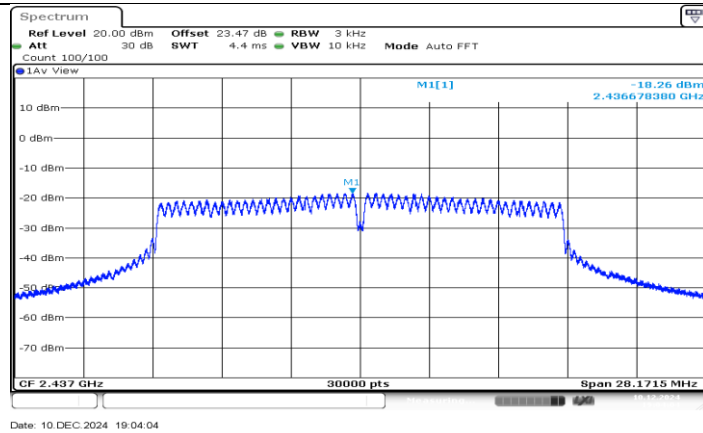
11G_Ant1_2412



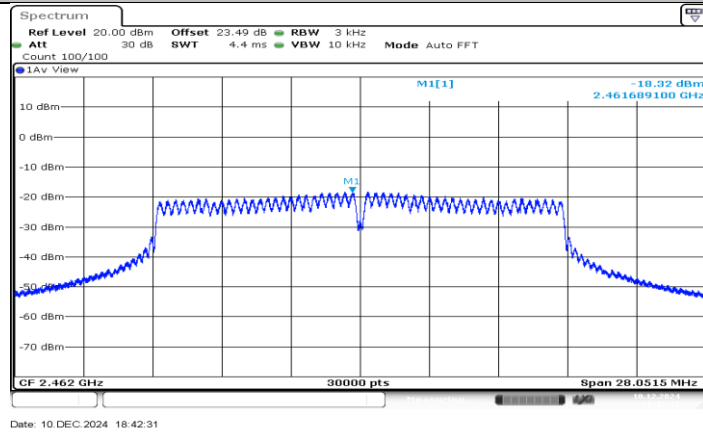
11G_Ant2_2412



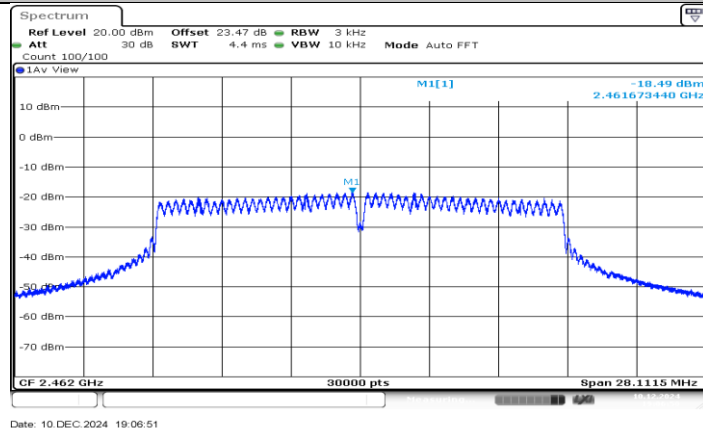
11G_Ant1_2437



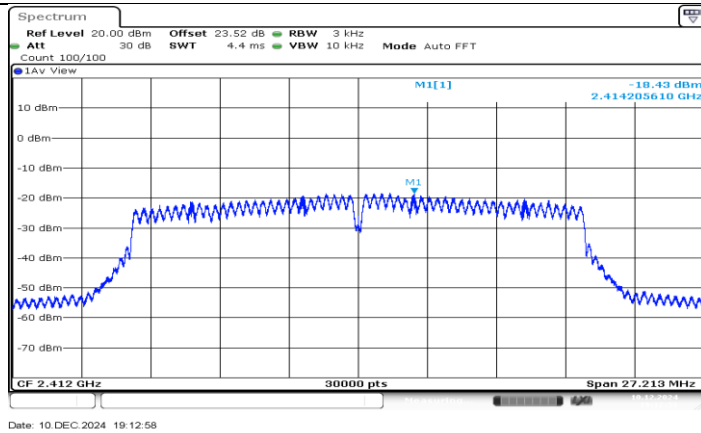
11G_Ant2_2437



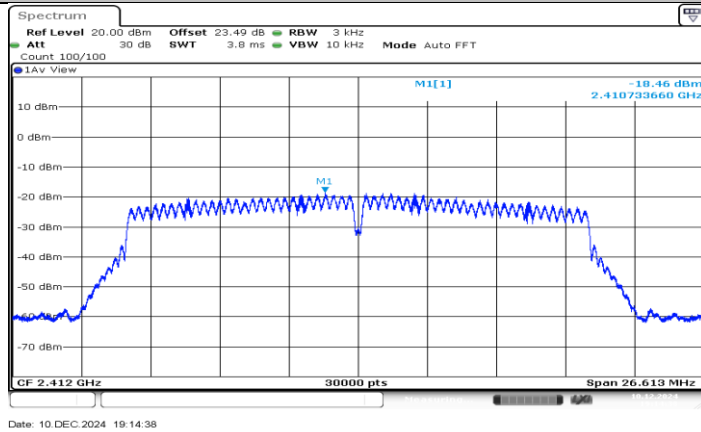
11G_Ant1_2462



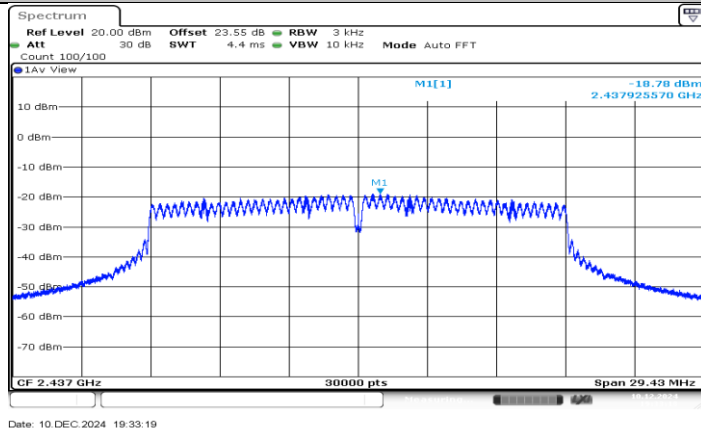
11G_Ant2_2462



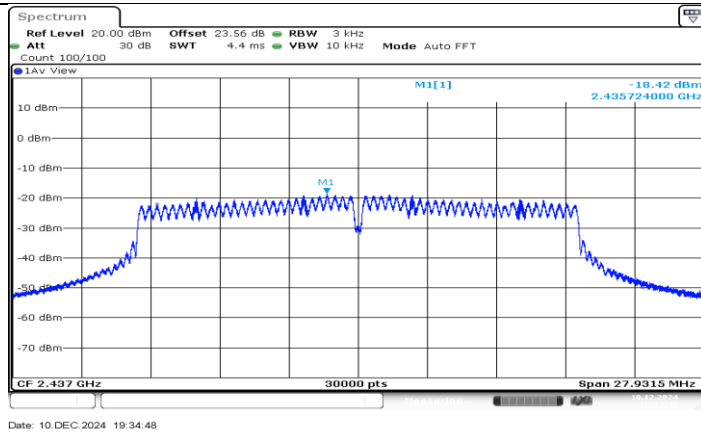
11N20MIMO_Ant1_2412



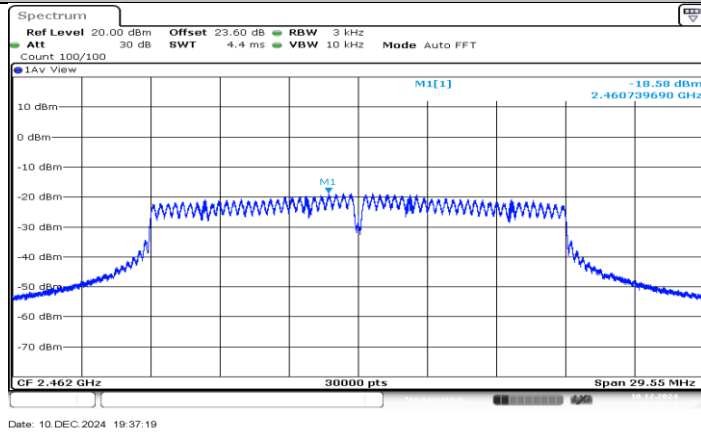
11N20MIMO_Ant2_2412



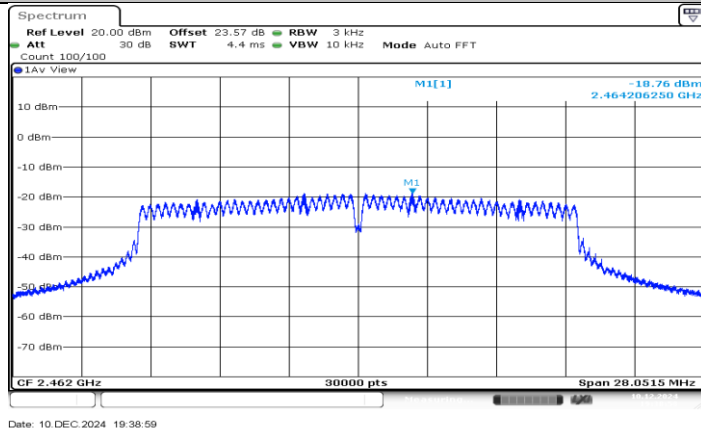
11N20MIMO_Ant1_2437



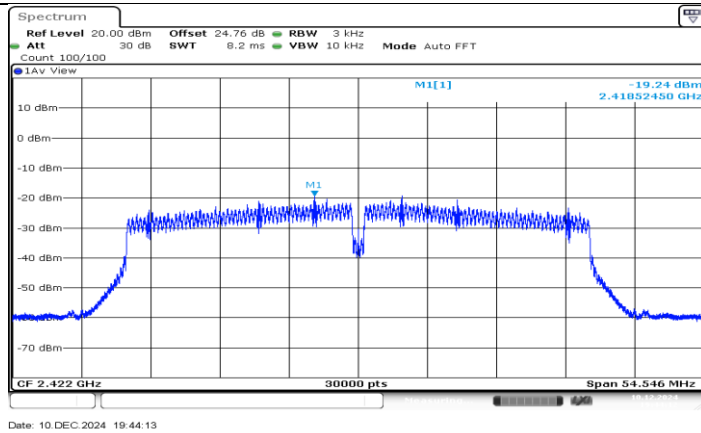
11N20MIMO_Ant2_2437



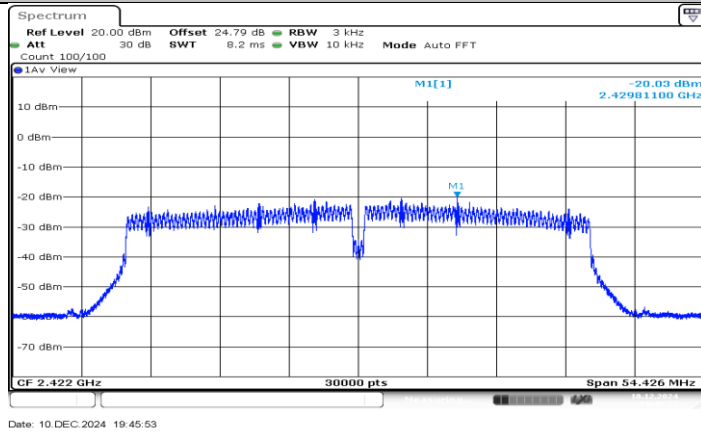
11N20MIMO_Ant1_2462



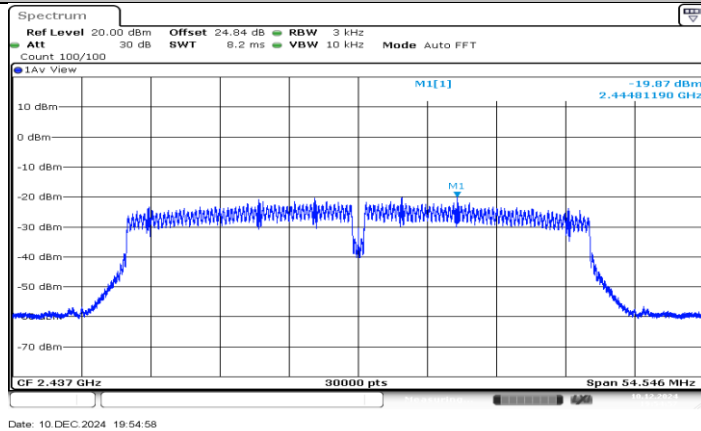
11N20MIMO_Ant2_2462



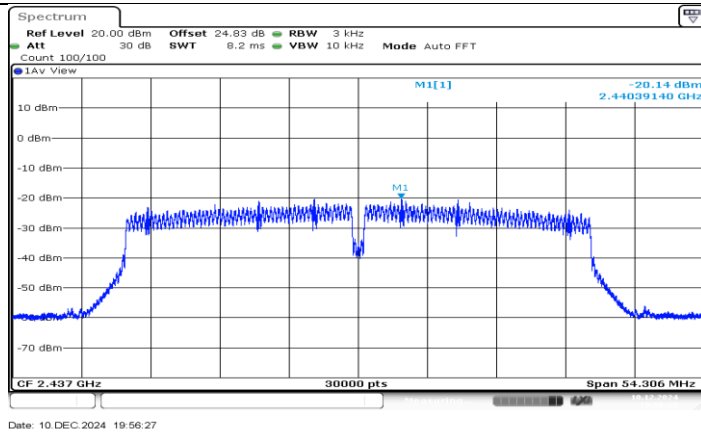
11N40MIMO_Ant1_2422



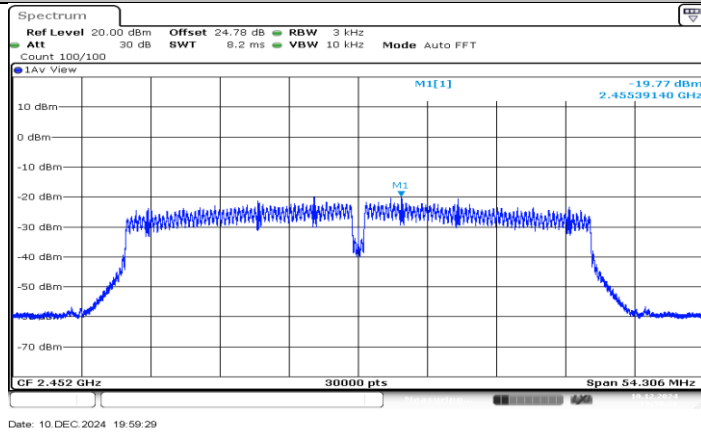
11N40MIMO_Ant2_2422



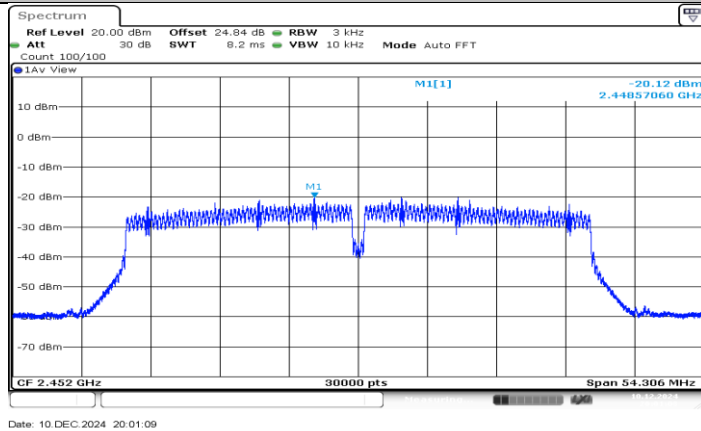
11N40MIMO_Ant1_2437



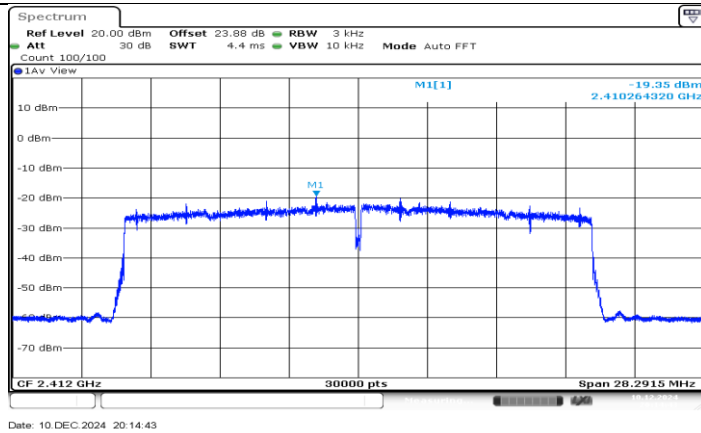
11N40MIMO_Ant2_2437



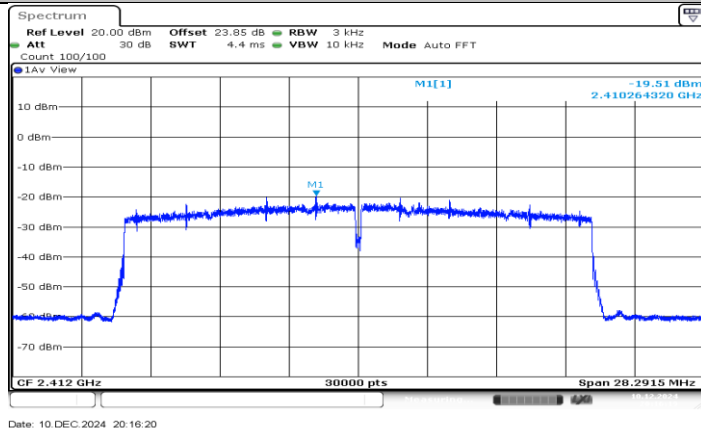
11N40MIMO_Ant1_2452



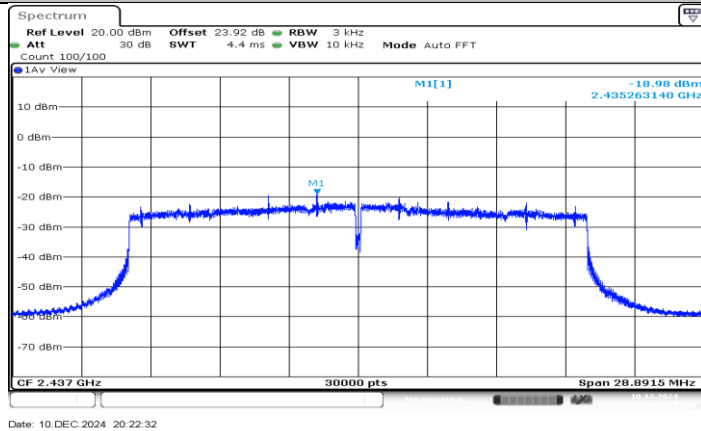
11N40MIMO_Ant2_2452



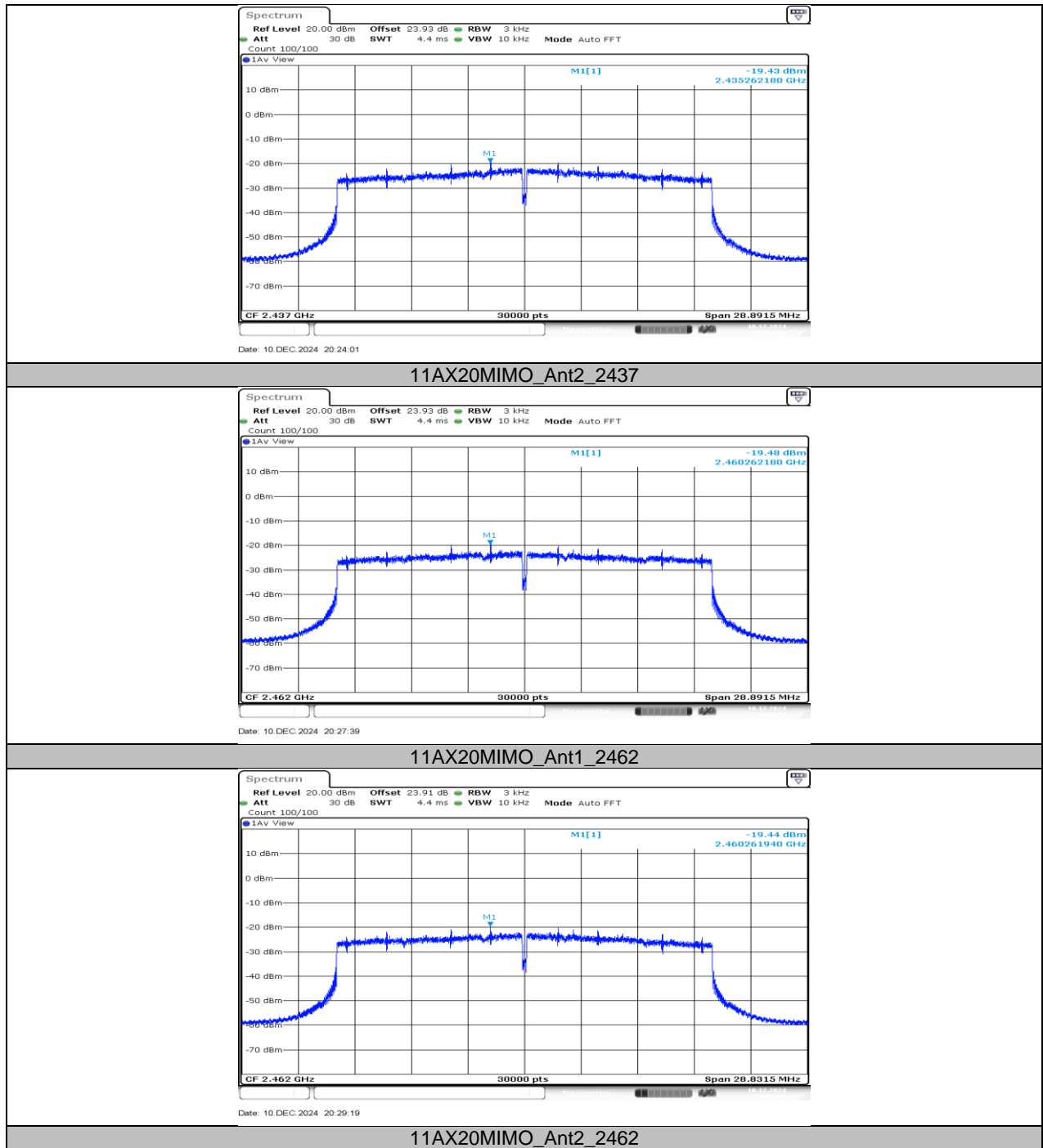
11AX20MIMO_Ant1_2412

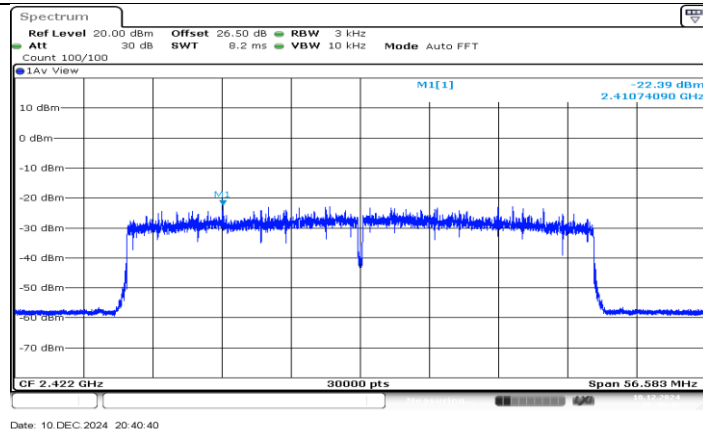


11AX20MIMO_Ant2_2412

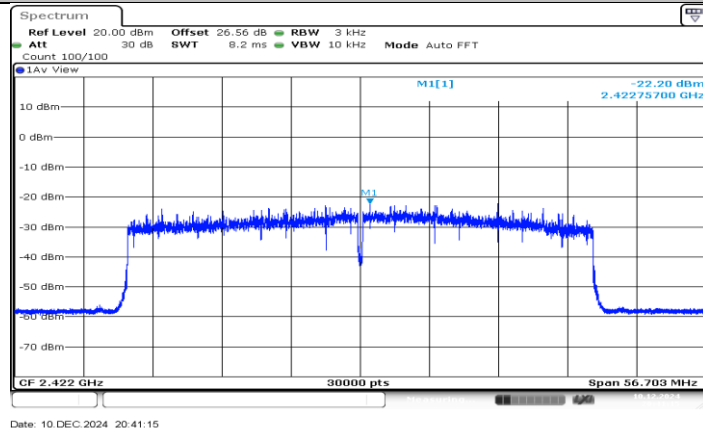


11AX20MIMO_Ant1_2437

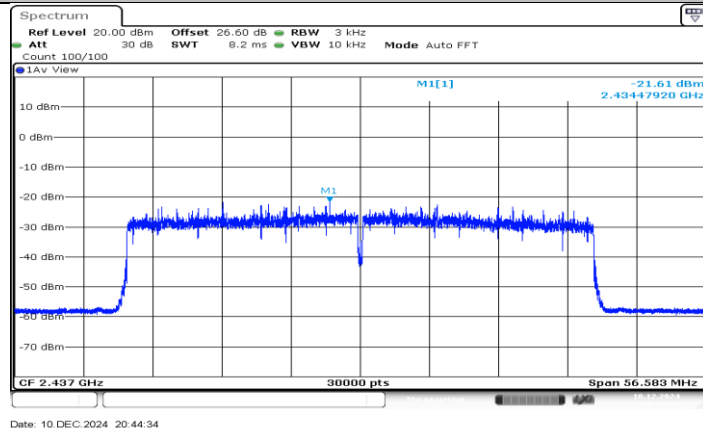




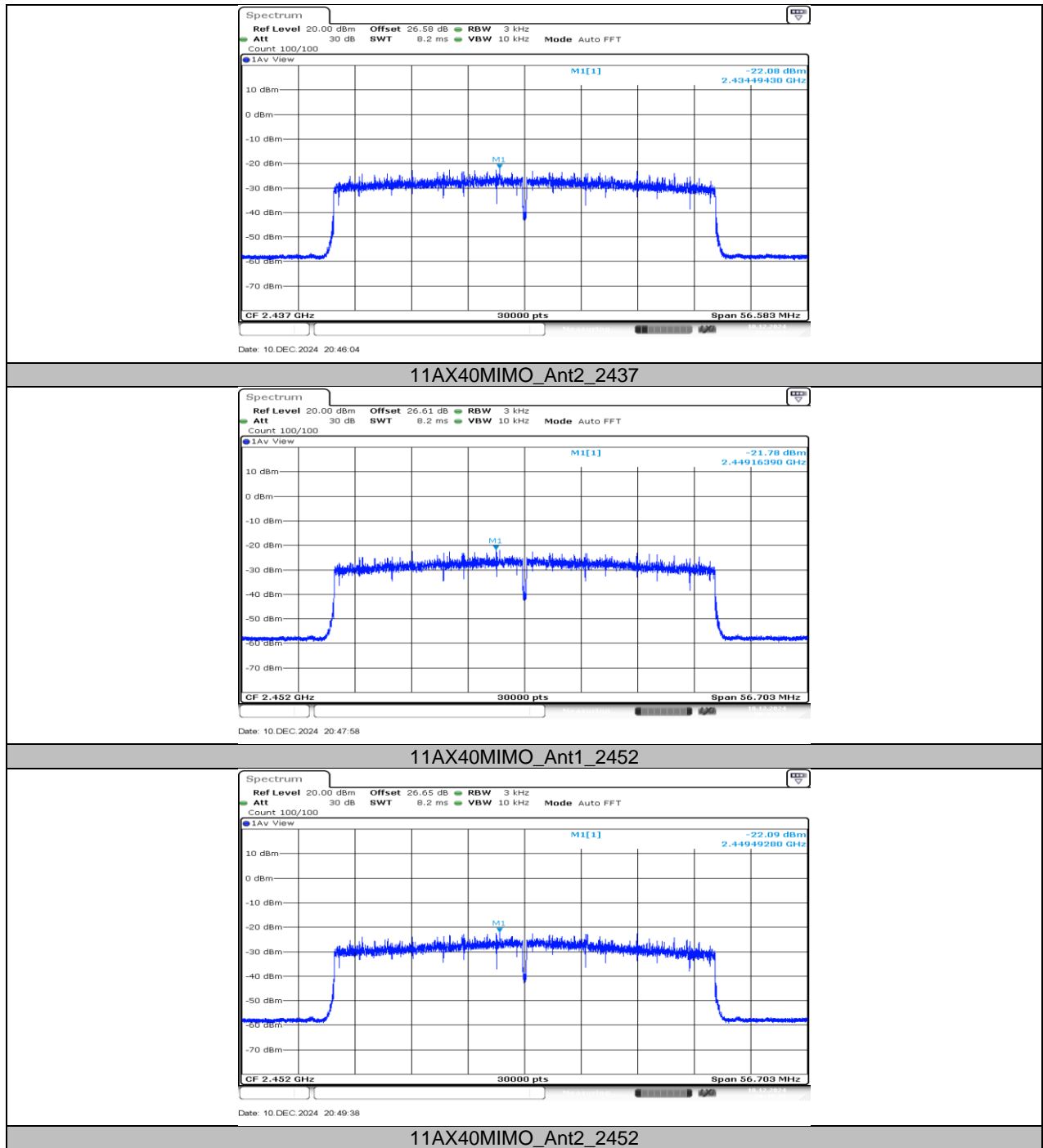
11AX40MIMO_Ant1_2422



11AX40MIMO_Ant2_2422



11AX40MIMO_Ant1_2437

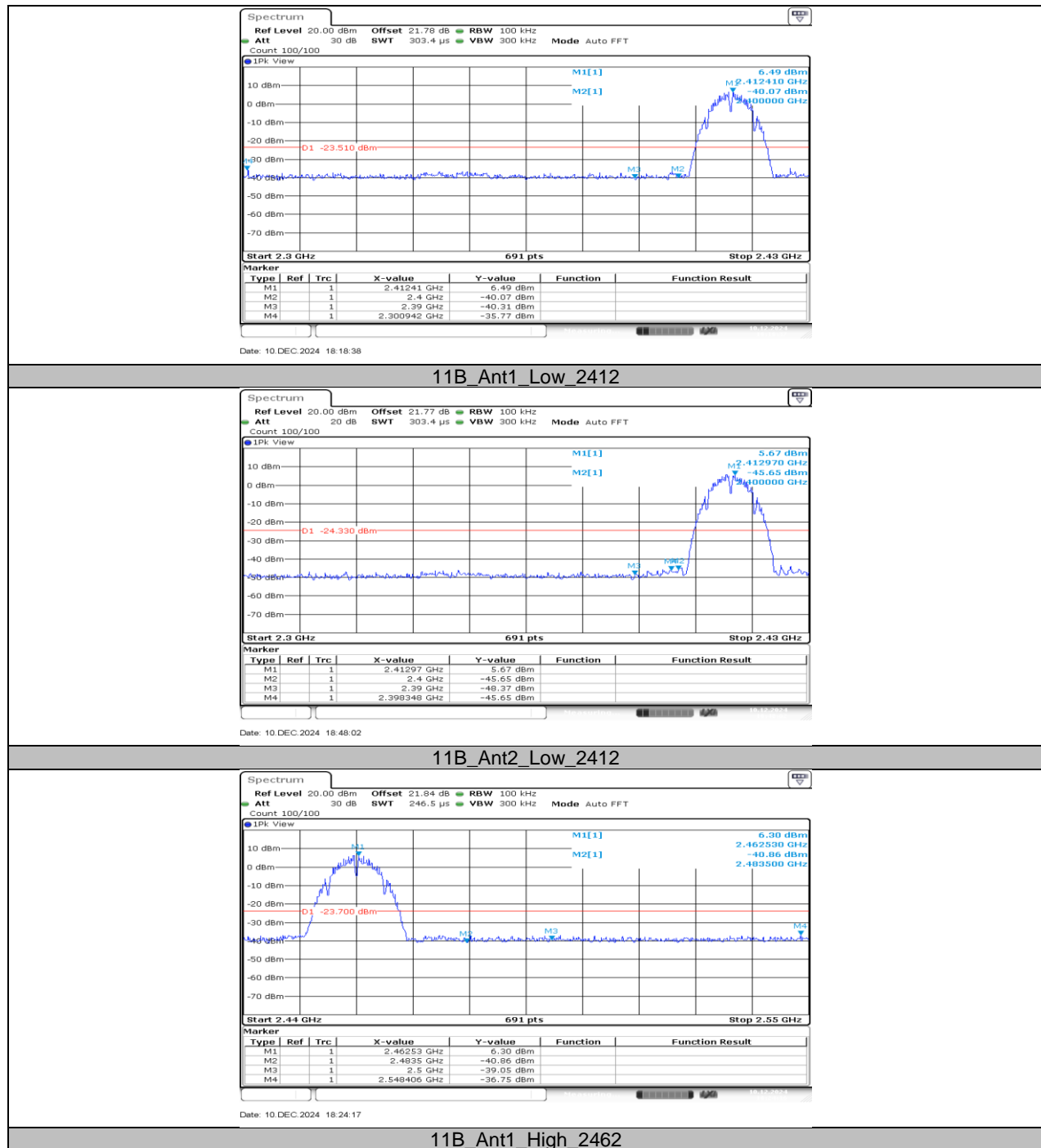


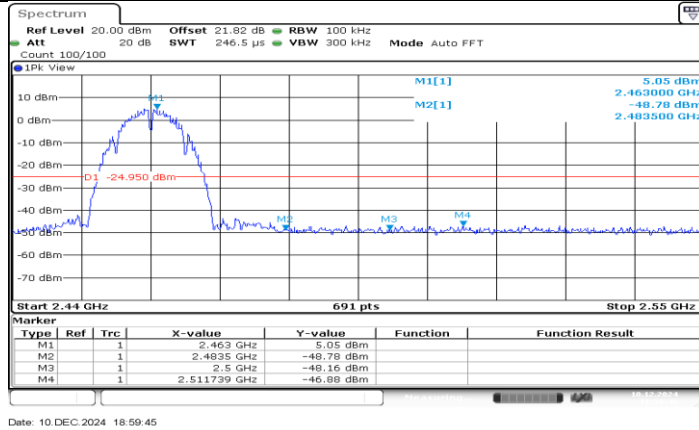
11.5. APPENDIX E: BAND EDGE MEASUREMENTS

11.5.1. Test Result

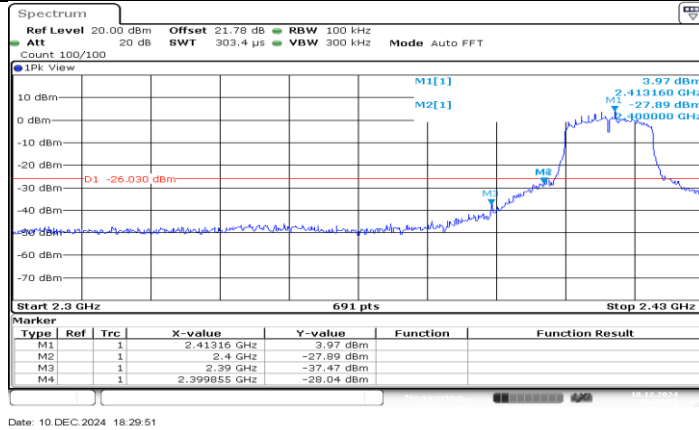
Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.49	-35.77	≤-23.51	PASS
	Ant2	Low	2412	5.67	-45.65	≤-24.33	PASS
	Ant1	High	2462	6.30	-36.75	≤-23.7	PASS
	Ant2	High	2462	5.05	-46.88	≤-24.95	PASS
11G	Ant1	Low	2412	3.97	-28.04	≤-26.03	PASS
	Ant2	Low	2412	0.83	-41.24	≤-29.17	PASS
	Ant1	High	2462	4.53	-45.86	≤-25.47	PASS
	Ant2	High	2462	4.29	-46.23	≤-25.71	PASS
11N20MIMO	Ant1	Low	2412	3.86	-28.5	≤-26.14	PASS
	Ant2	Low	2412	3.54	-41.34	≤-26.46	PASS
	Ant1	High	2462	0.94	-45.45	≤-29.06	PASS
	Ant2	High	2462	3.98	-45.59	≤-26.02	PASS
11N40MIMO	Ant1	Low	2422	1.34	-39.81	≤-28.66	PASS
	Ant2	Low	2422	0.78	-38.62	≤-29.22	PASS
	Ant1	High	2452	1.25	-44.62	≤-28.75	PASS
	Ant2	High	2452	1.47	-43.87	≤-28.53	PASS
11AX20MIMO	Ant1	Low	2412	2.16	-44.73	≤-27.84	PASS
	Ant2	Low	2412	1.62	-43.57	≤-28.38	PASS
	Ant1	High	2462	1.59	-46.45	≤-28.41	PASS
	Ant2	High	2462	0.67	-46.44	≤-29.33	PASS
11AX40MIMO	Ant1	Low	2422	-1.38	-44.14	≤-31.38	PASS
	Ant2	Low	2422	-1.39	-45.13	≤-31.39	PASS
	Ant1	High	2452	-1.02	-45.99	≤-31.02	PASS
	Ant2	High	2452	-1.35	-45.82	≤-31.35	PASS

11.5.2. Test Graphs

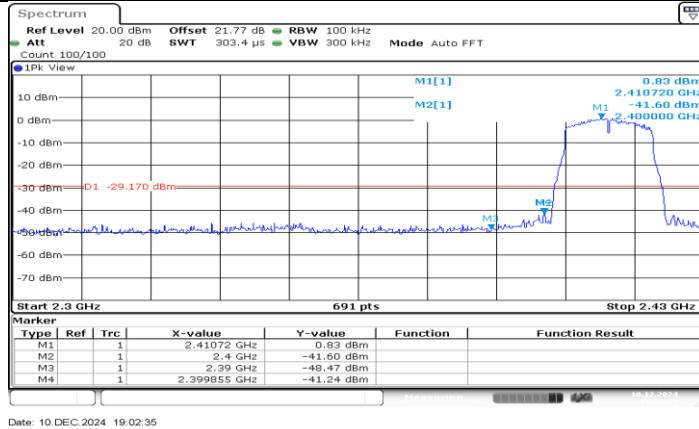




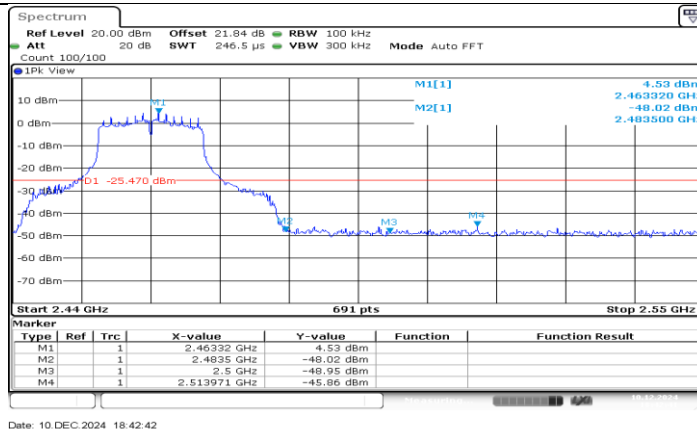
11B_Ant2_High_2462



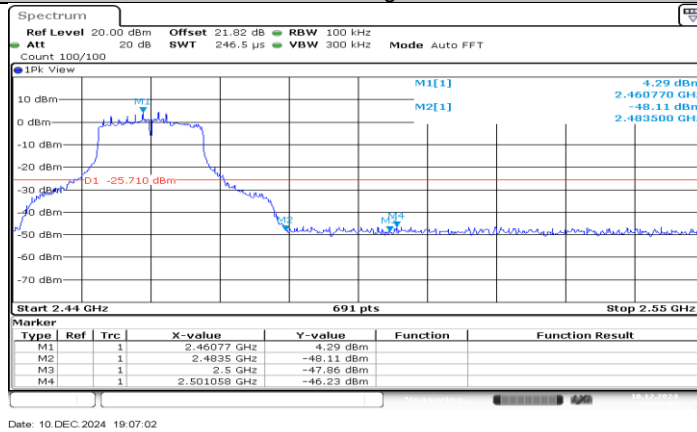
11G_Ant1_Low_2412



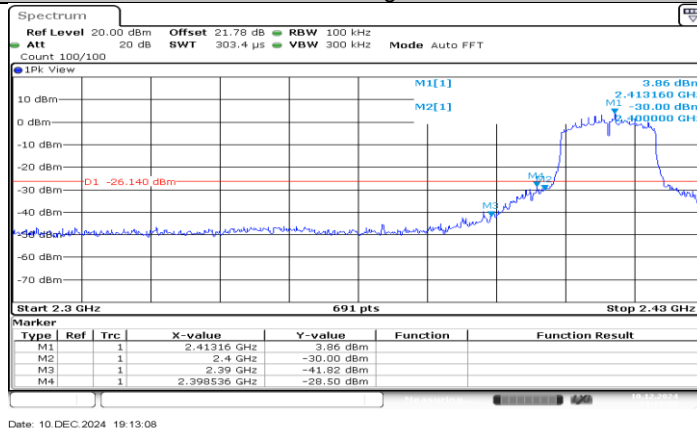
11G_Ant2_Low_2412



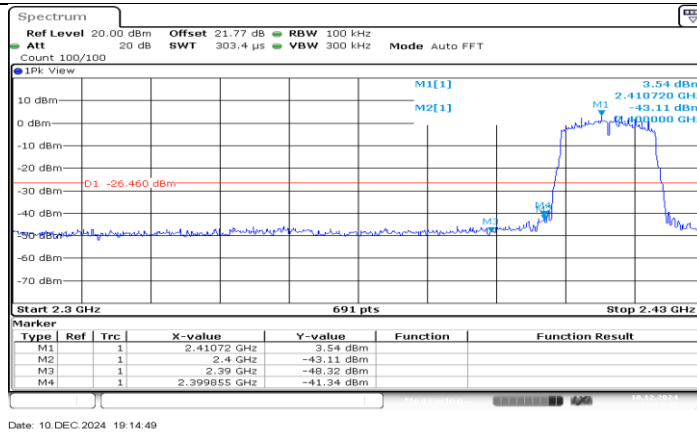
11G_Ant1_High_2462



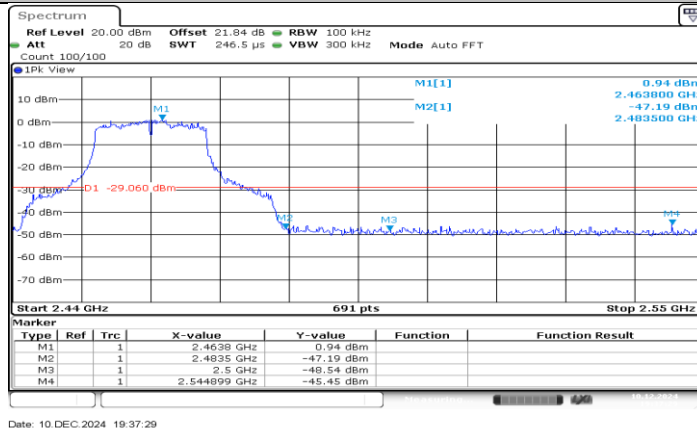
11G_Ant2_High_2462



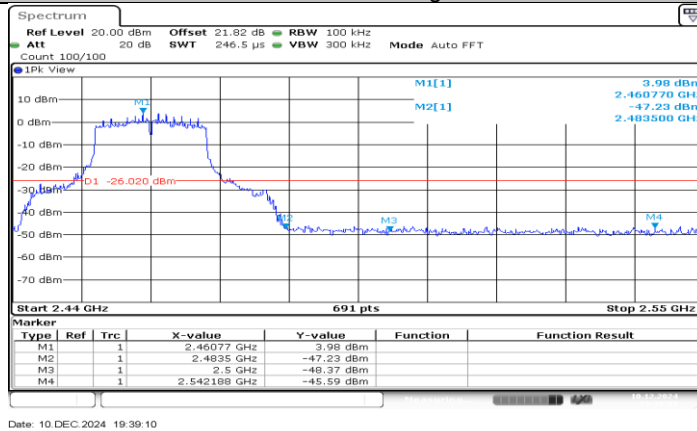
11N20MIMO_Ant1_Low_2412



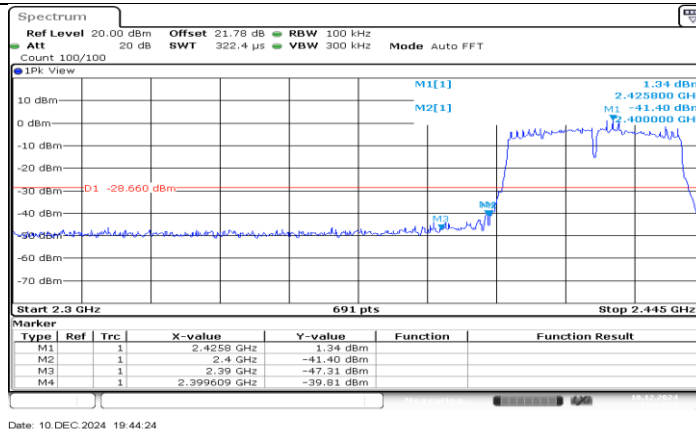
11N20MIMO_Ant2_Low_2412



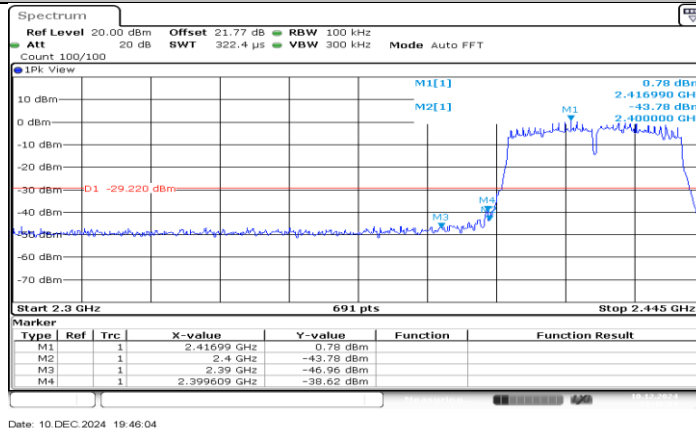
11N20MIMO_Ant1_High_2462



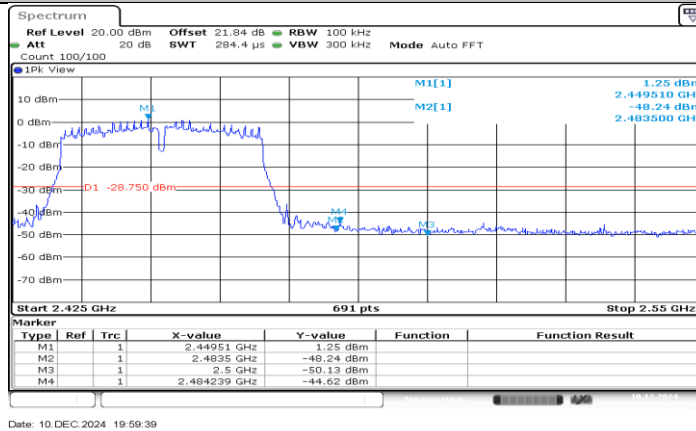
11N20MIMO_Ant2_High_2462



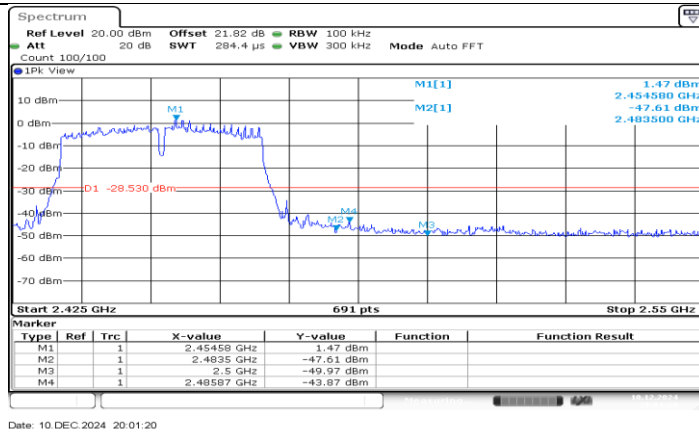
11N40MIMO_Ant1_Low_2422



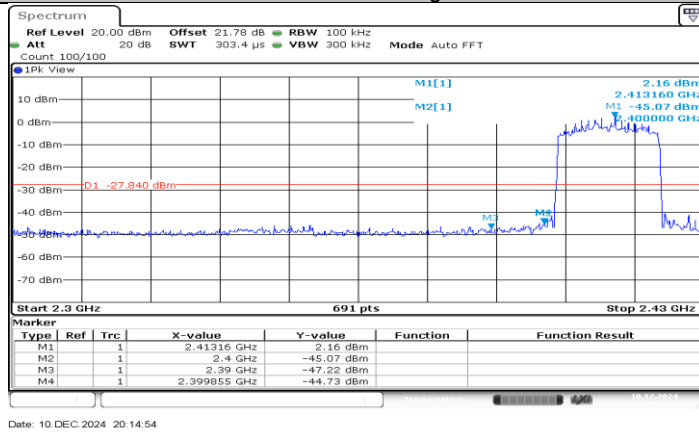
11N40MIMO_Ant2_Low_2422



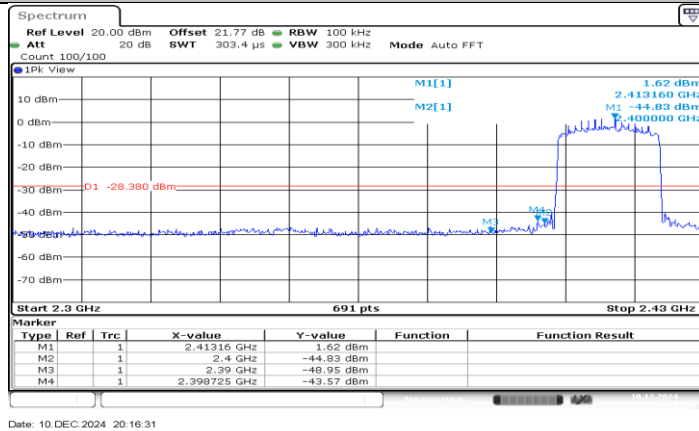
11N40MIMO_Ant1_High_2452



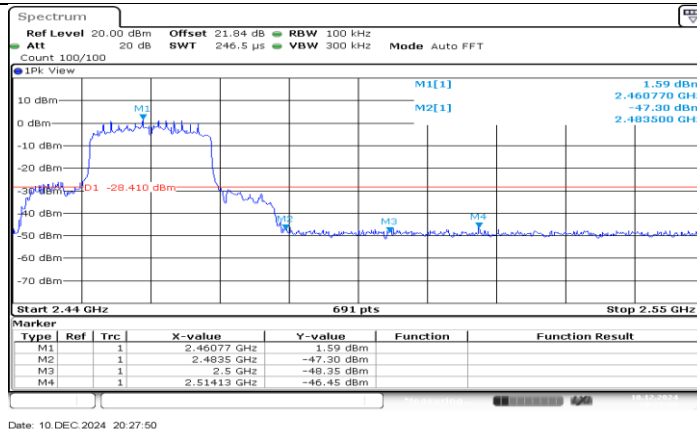
11N40MIMO_Ant2_High_2452



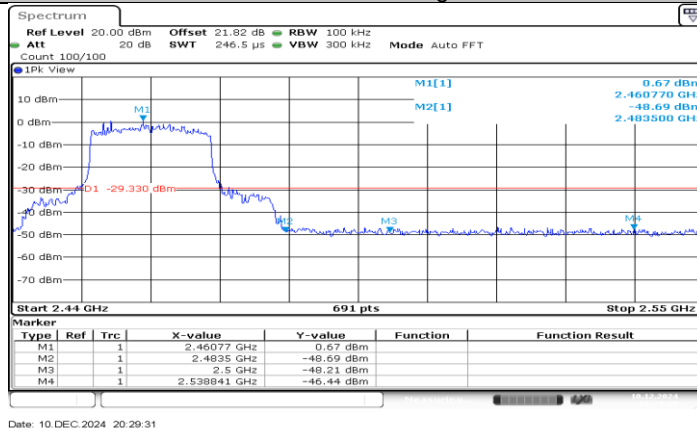
11AX20MIMO_Ant1_Low_2412



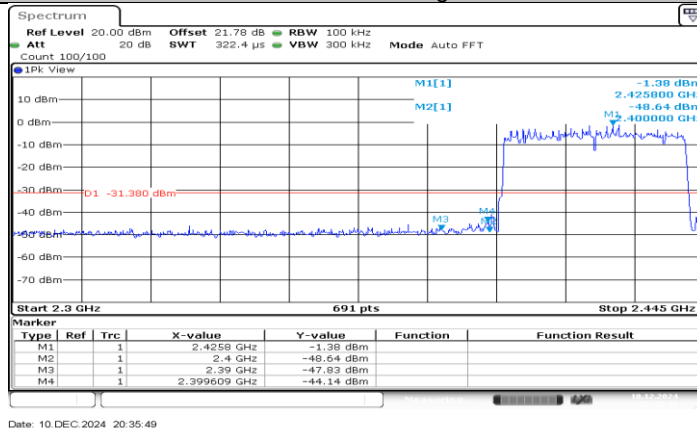
11AX20MIMO_Ant2_Low_2412



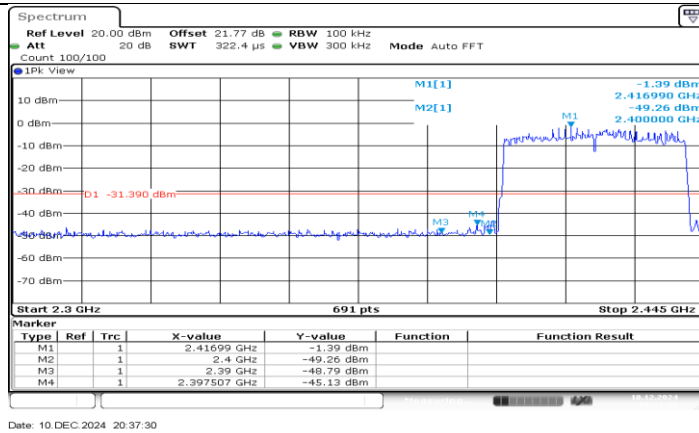
11AX20MIMO_Ant1_High_2462



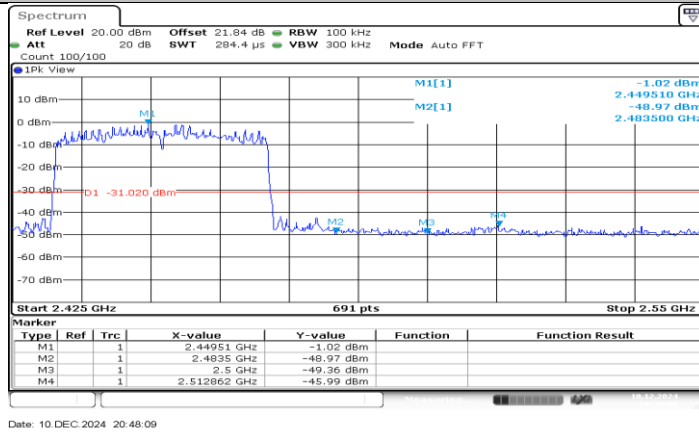
11AX20MIMO_Ant2_High_2462



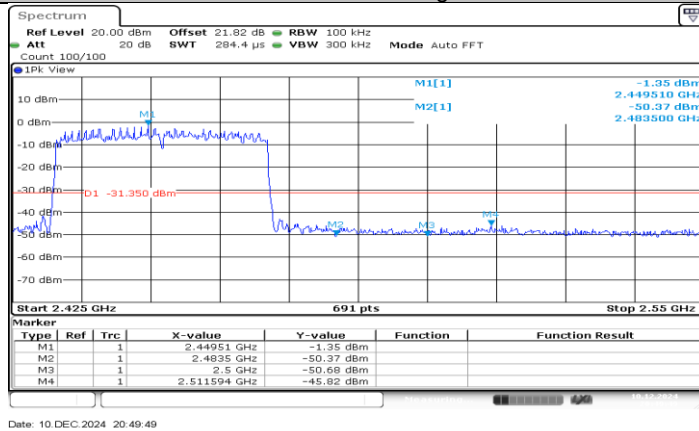
11AX40MIMO_Ant1_Low_2422



11AX40MIMO_Ant2_Low_2422



11AX40MIMO_Ant1_High_2452



11AX40MIMO_Ant2_High_2452

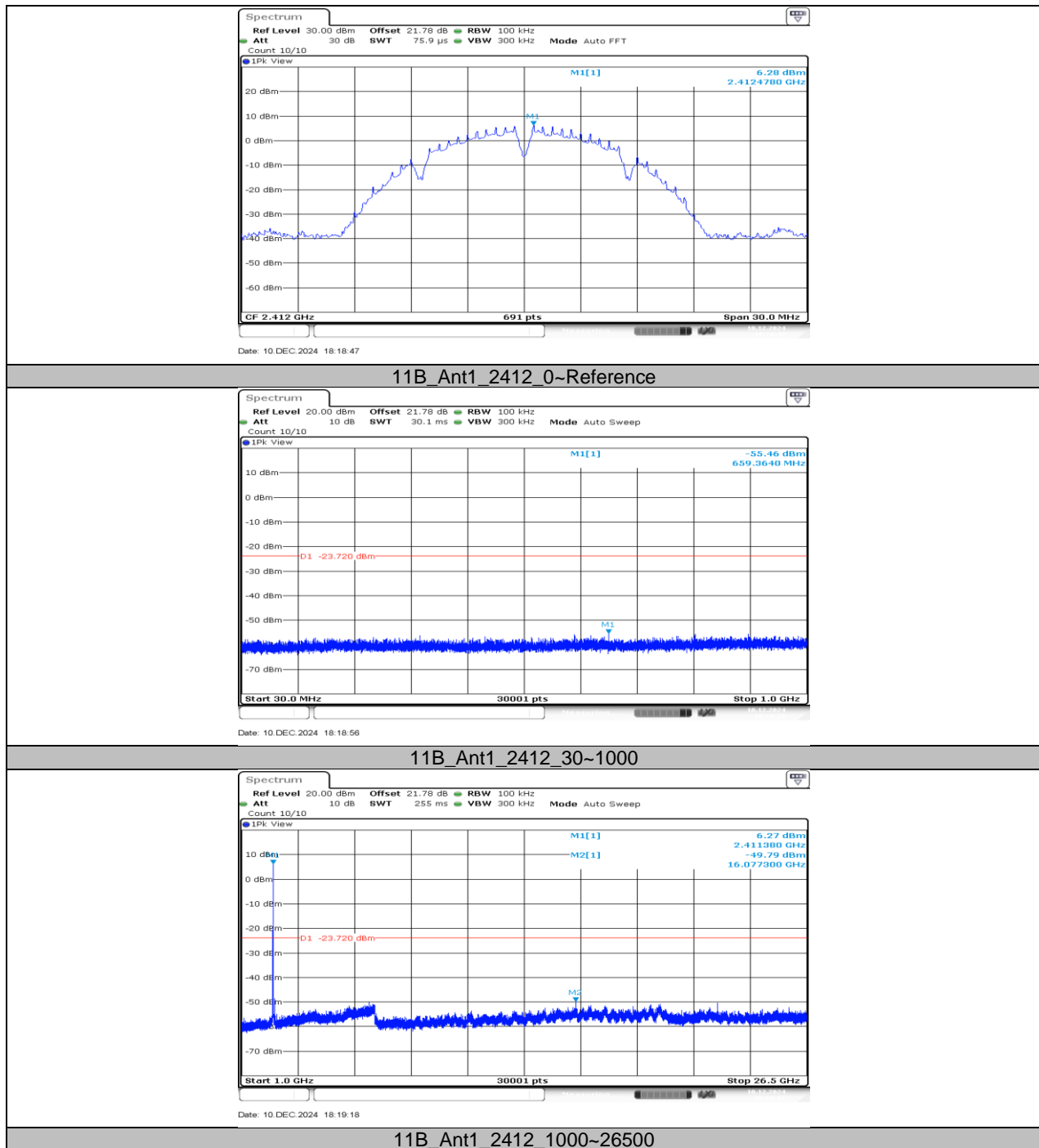
11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

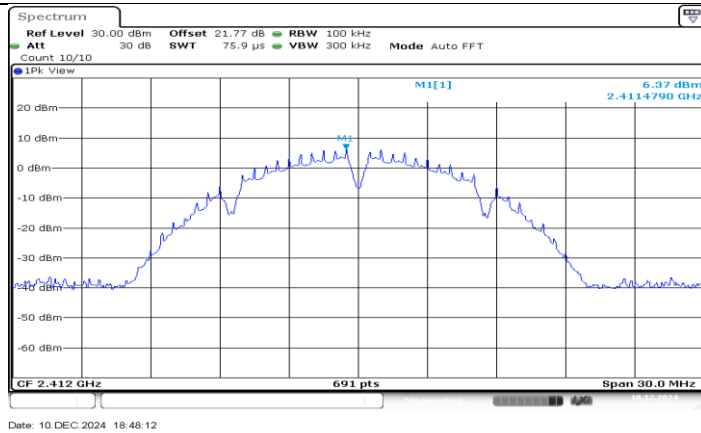
11.6.1. Test Result

Test Mode	Antenna	Frequency [MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	6.28	---	PASS
			30~1000	-55.46	≤-23.72	PASS
			1000~26500	-49.79	≤-23.72	PASS
	Ant2	2412	Reference	6.37	---	PASS
			30~1000	-54.67	≤-23.63	PASS
			1000~26500	-50.62	≤-23.63	PASS
	Ant1	2437	Reference	6.20	---	PASS
			30~1000	-54.59	≤-23.8	PASS
			1000~26500	-49.82	≤-23.8	PASS
	Ant2	2437	Reference	5.75	---	PASS
			30~1000	-54.39	≤-24.25	PASS
			1000~26500	-50.66	≤-24.25	PASS
	Ant1	2462	Reference	6.21	---	PASS
			30~1000	-55.39	≤-23.79	PASS
			1000~26500	-50.34	≤-23.79	PASS
	Ant2	2462	Reference	6.24	---	PASS
			30~1000	-55.48	≤-23.76	PASS
			1000~26500	-50.04	≤-23.76	PASS
11G	Ant1	2412	Reference	4.21	---	PASS
			30~1000	-55.37	≤-25.79	PASS
			1000~26500	-50.19	≤-25.79	PASS
	Ant2	2412	Reference	3.59	---	PASS
			30~1000	-54.84	≤-26.41	PASS
			1000~26500	-49.68	≤-26.41	PASS
	Ant1	2437	Reference	2.64	---	PASS
			30~1000	-55.35	≤-27.36	PASS
			1000~26500	-50.59	≤-27.36	PASS
	Ant2	2437	Reference	4.27	---	PASS
			30~1000	-53.67	≤-25.73	PASS
			1000~26500	-50.48	≤-25.73	PASS
	Ant1	2462	Reference	4.53	---	PASS
			30~1000	-55.4	≤-25.47	PASS
			1000~26500	-50.07	≤-25.47	PASS
	Ant2	2462	Reference	4.57	---	PASS
			30~1000	-55.28	≤-25.43	PASS
			1000~26500	-50.66	≤-25.43	PASS
11N20MIMO	Ant1	2412	Reference	4.43	---	PASS
			30~1000	-55.88	≤-25.57	PASS
			1000~26500	-50.62	≤-25.57	PASS
	Ant2	2412	Reference	3.96	---	PASS
			30~1000	-54.82	≤-26.04	PASS
			1000~26500	-50.32	≤-26.04	PASS
	Ant1	2437	Reference	3.56	---	PASS
			30~1000	-55.42	≤-26.44	PASS
			1000~26500	-49.99	≤-26.44	PASS
	Ant2	2437	Reference	3.87	---	PASS
			30~1000	-55.78	≤-26.13	PASS
			1000~26500	-50.32	≤-26.13	PASS
	Ant1	2462	Reference	3.92	---	PASS
			30~1000	-55.38	≤-26.08	PASS
			1000~26500	-50.39	≤-26.08	PASS
	Ant2	2462	Reference	4.03	---	PASS
			30~1000	-55.55	≤-25.97	PASS
			1000~26500	-49.95	≤-25.97	PASS
11N40MIMO	Ant1	2422	Reference	1.24	---	PASS

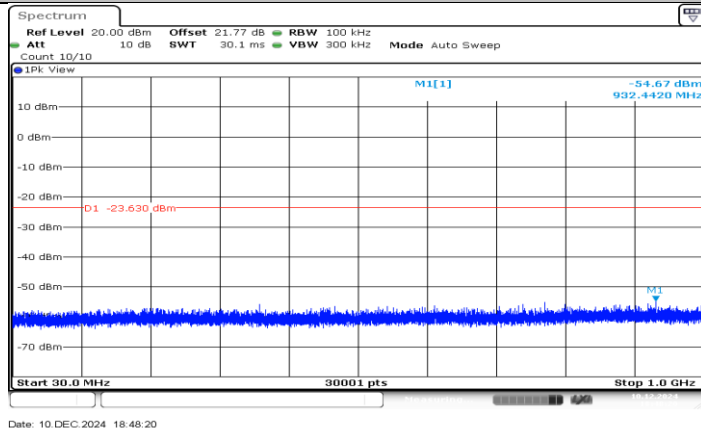
			30~1000	-55.72	≤ -28.76	PASS
			1000~26500	-49.87	≤ -28.76	PASS
			Reference	1.15	---	PASS
	Ant2	2422	30~1000	-54.72	≤ -28.85	PASS
			1000~26500	-50.17	≤ -28.85	PASS
			Reference	1.17	---	PASS
	Ant1	2437	30~1000	-54.95	≤ -28.83	PASS
			1000~26500	-50.18	≤ -28.83	PASS
			Reference	1.22	---	PASS
	Ant2	2437	30~1000	-55.54	≤ -28.78	PASS
			1000~26500	-50.17	≤ -28.78	PASS
			Reference	1.40	---	PASS
	Ant1	2452	30~1000	-55.3	≤ -28.6	PASS
			1000~26500	-50.27	≤ -28.6	PASS
			Reference	1.96	---	PASS
11AX20MIMO	Ant2	2452	30~1000	-55.61	≤ -28.04	PASS
			1000~26500	-50.41	≤ -28.04	PASS
			Reference	2.11	---	PASS
	Ant1	2412	30~1000	-55.84	≤ -27.89	PASS
			1000~26500	-50.58	≤ -27.89	PASS
			Reference	1.42	---	PASS
	Ant2	2412	30~1000	-55.02	≤ -28.58	PASS
			1000~26500	-50.34	≤ -28.58	PASS
			Reference	2.17	---	PASS
	Ant1	2437	30~1000	-55.76	≤ -27.83	PASS
			1000~26500	-51.02	≤ -27.83	PASS
			Reference	1.96	---	PASS
	Ant2	2437	30~1000	-55.7	≤ -28.04	PASS
			1000~26500	-49.79	≤ -28.04	PASS
			Reference	1.60	---	PASS
11AX40MIMO	Ant1	2462	30~1000	-55.55	≤ -28.4	PASS
			1000~26500	-50.58	≤ -28.4	PASS
			Reference	1.62	---	PASS
	Ant2	2462	30~1000	-55.09	≤ -28.38	PASS
			1000~26500	-50.41	≤ -28.38	PASS
			Reference	-0.98	---	PASS
	Ant1	2422	30~1000	-55.27	≤ -30.98	PASS
			1000~26500	-50.4	≤ -30.98	PASS
			Reference	-0.95	---	PASS
	Ant2	2422	30~1000	-54.89	≤ -30.95	PASS
			1000~26500	-50.07	≤ -30.95	PASS
			Reference	-0.89	---	PASS
	Ant1	2437	30~1000	-55.45	≤ -30.89	PASS
			1000~26500	-50.58	≤ -30.89	PASS
			Reference	-1.13	---	PASS
	Ant2	2437	30~1000	-55.32	≤ -31.13	PASS
			1000~26500	-50.05	≤ -31.13	PASS
			Reference	-0.82	---	PASS
	Ant1	2452	30~1000	-55.35	≤ -30.82	PASS
			1000~26500	-50.08	≤ -30.82	PASS
			Reference	-0.77	---	PASS
	Ant2	2452	30~1000	-55.31	≤ -30.77	PASS
			1000~26500	-50.72	≤ -30.77	PASS

11.6.2. Test Graphs

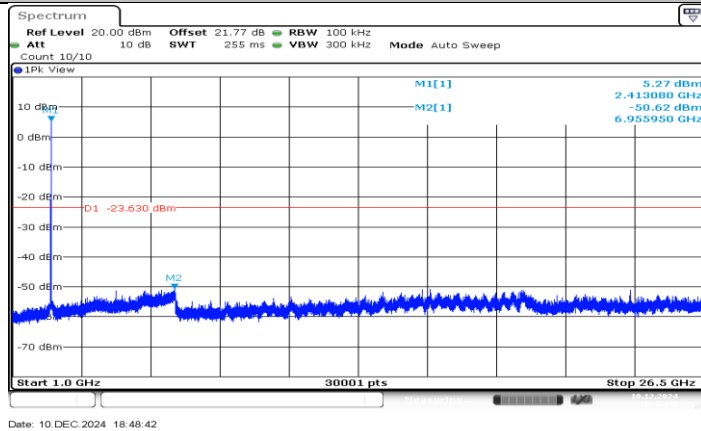




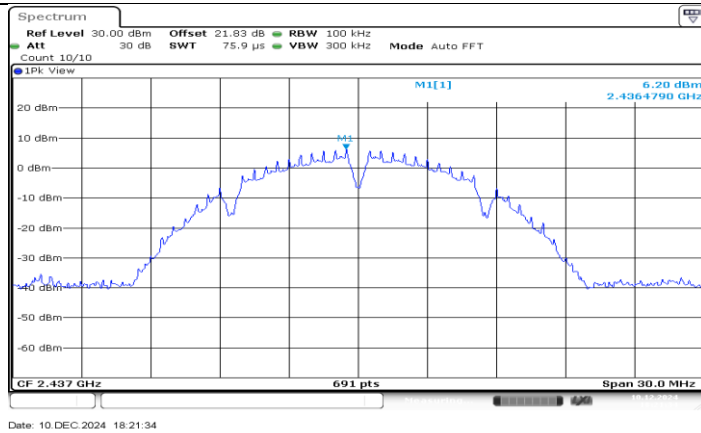
11B_Ant2_2412_0~Reference



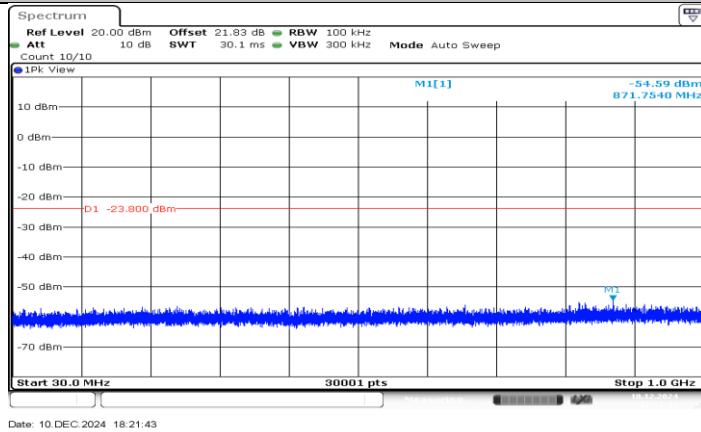
11B_Ant2_2412_30~1000



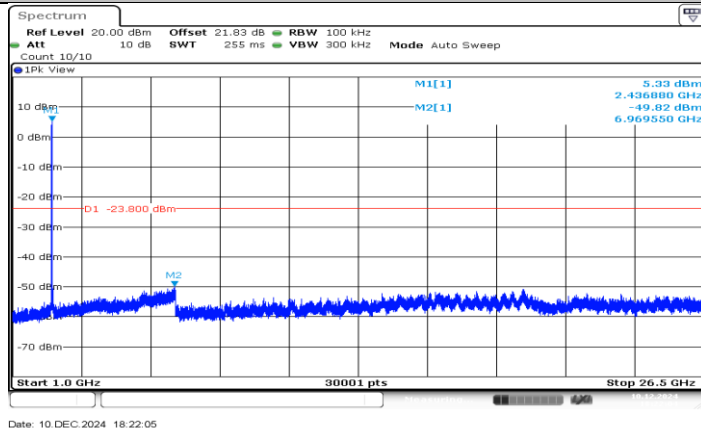
11B_Ant2_2412_1000~26500



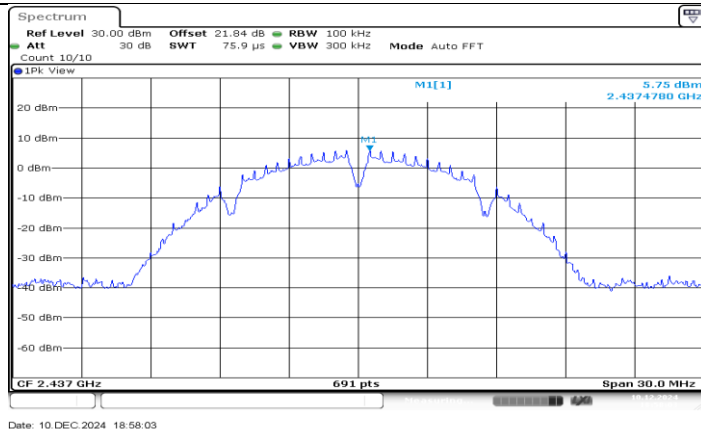
11B_Ant1_2437_0~Reference



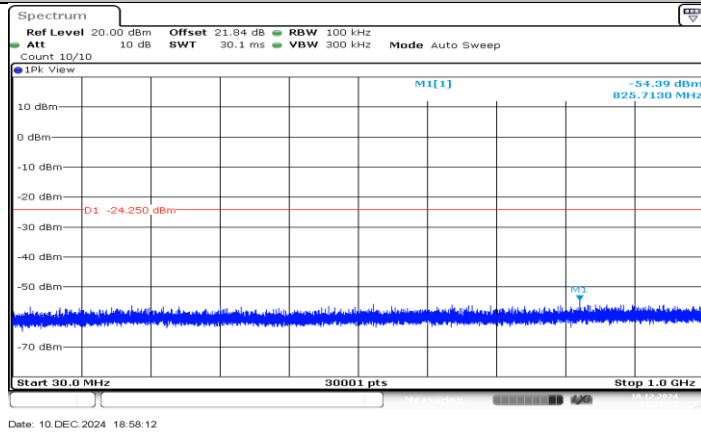
11B_Ant1_2437_30~1000



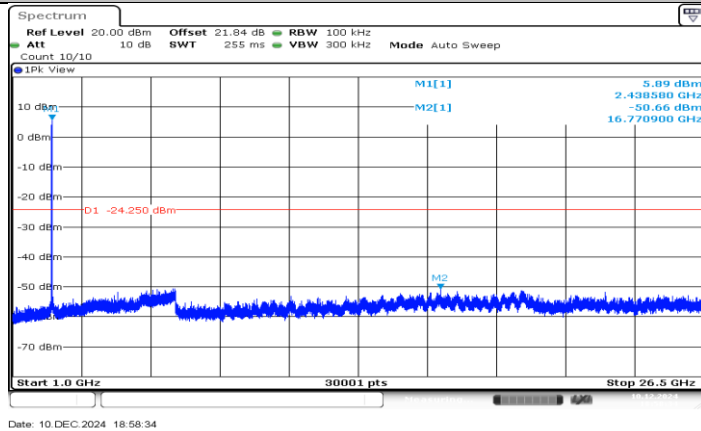
11B_Ant1_2437_1000~26500



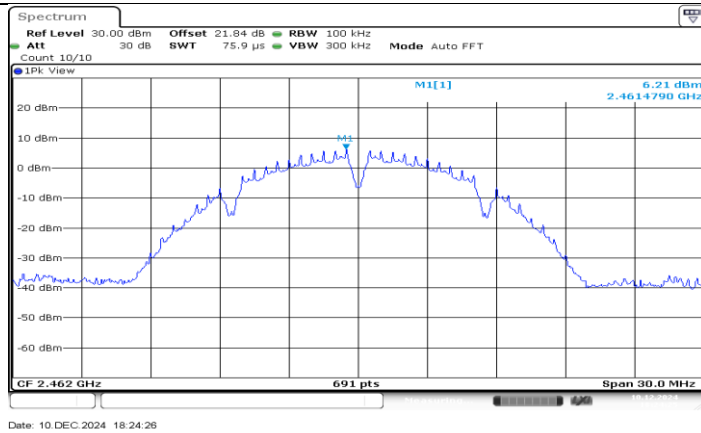
11B_Ant2_2437_0~Reference



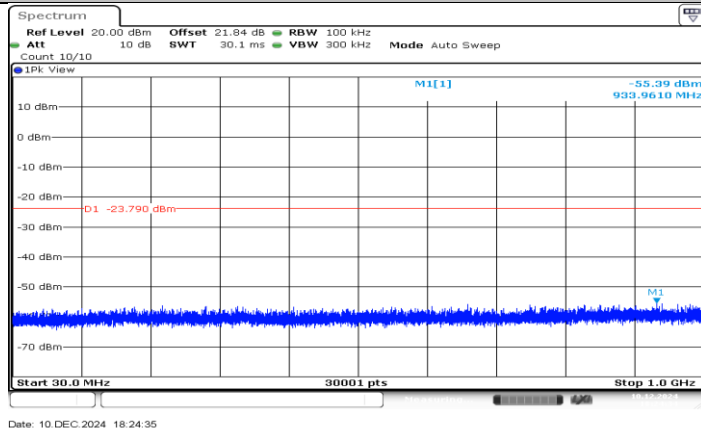
11B_Ant2_2437_30~1000



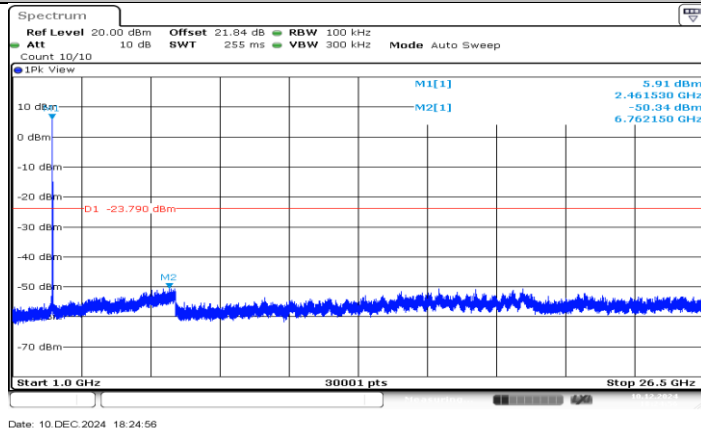
11B_Ant2_2437_1000~26500



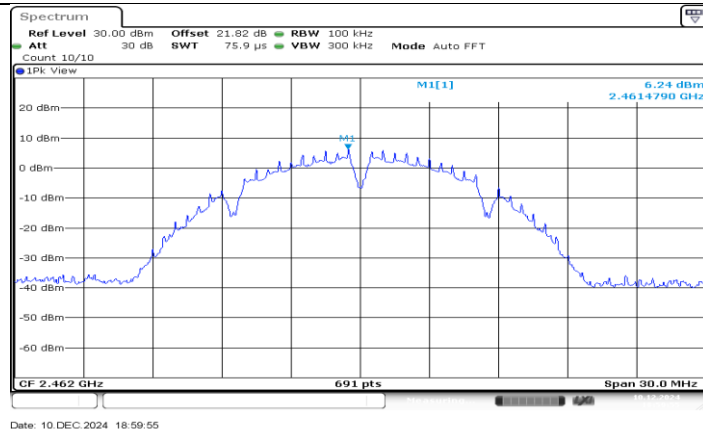
11B_Ant1_2462_0~Reference



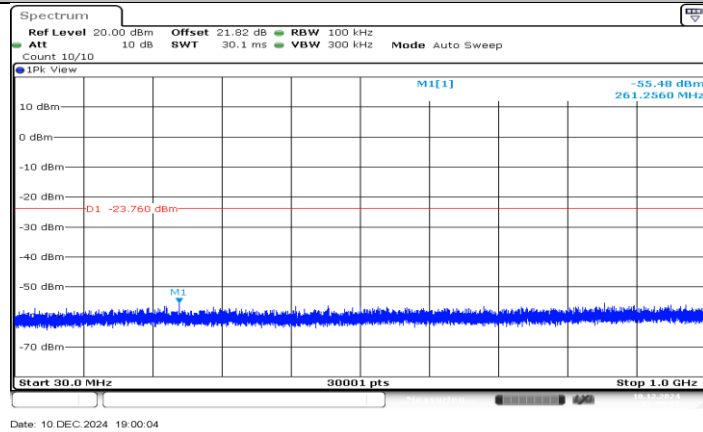
11B_Ant1_2462_30~1000



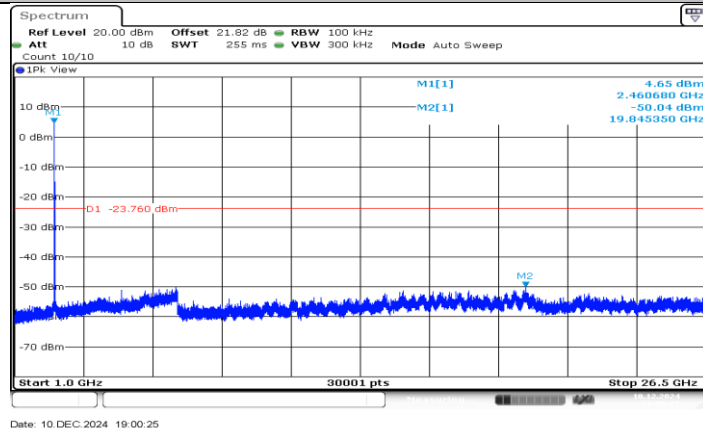
11B_Ant1_2462_1000~26500



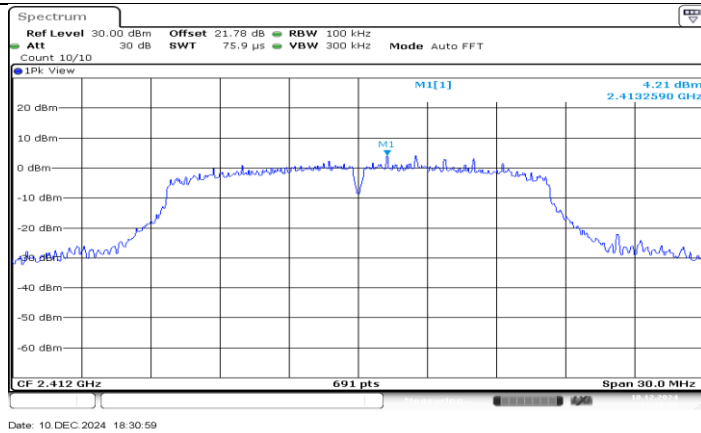
11B_Ant2_2462_0~Reference



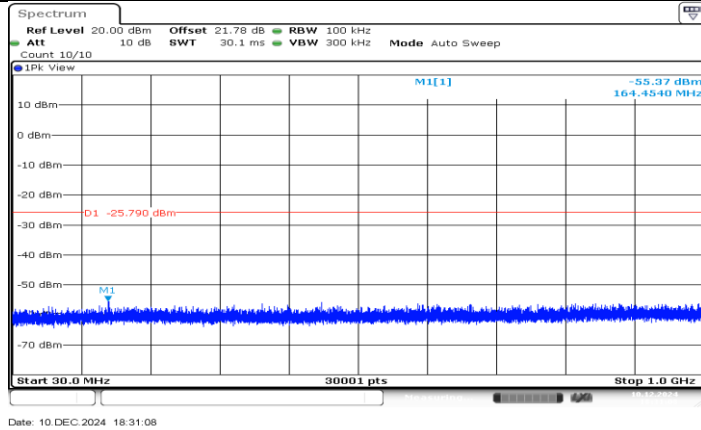
11B_Ant2_2462_30~1000



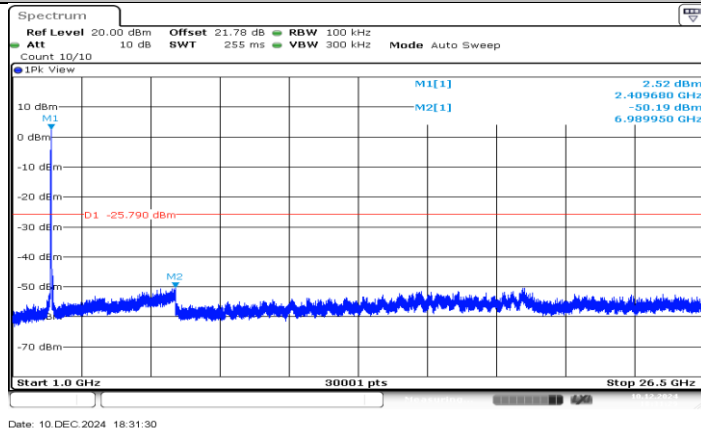
11B_Ant2_2462_1000~26500



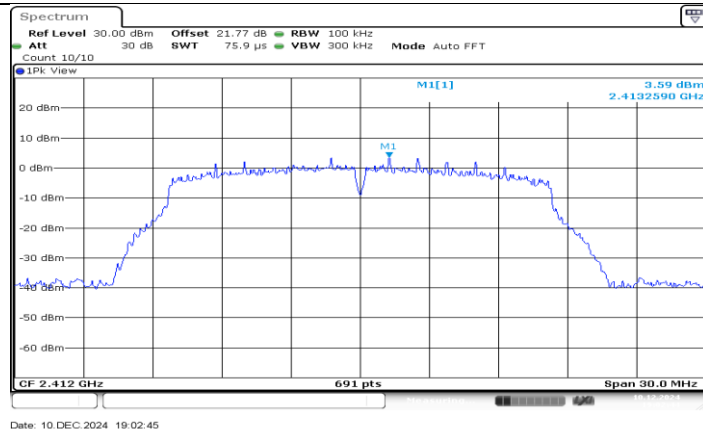
11G_Ant1_2412_0~Reference



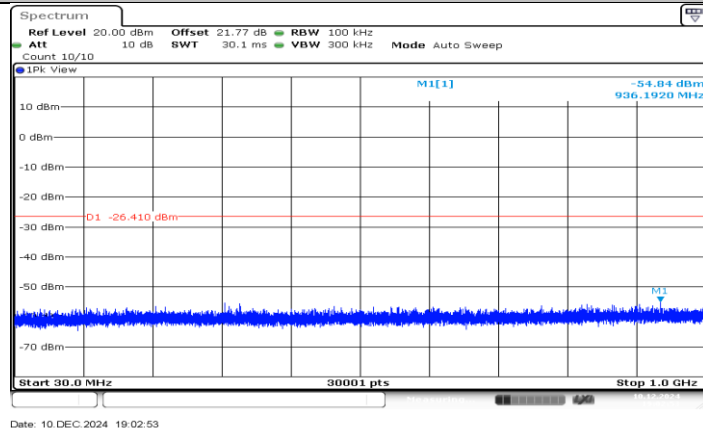
11G_Ant1_2412_30~1000



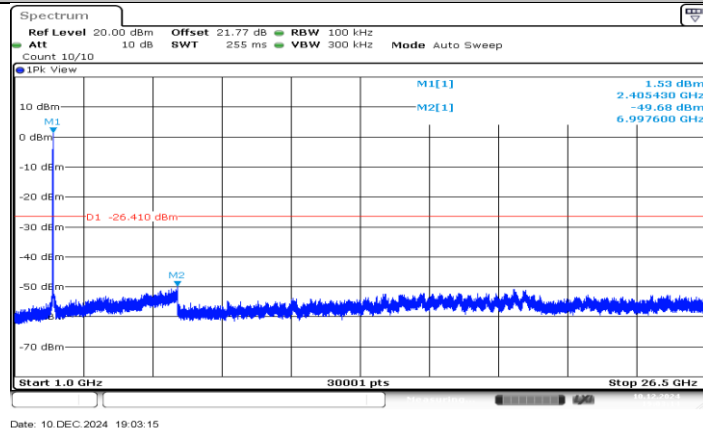
11G_Ant1_2412_1000~26500



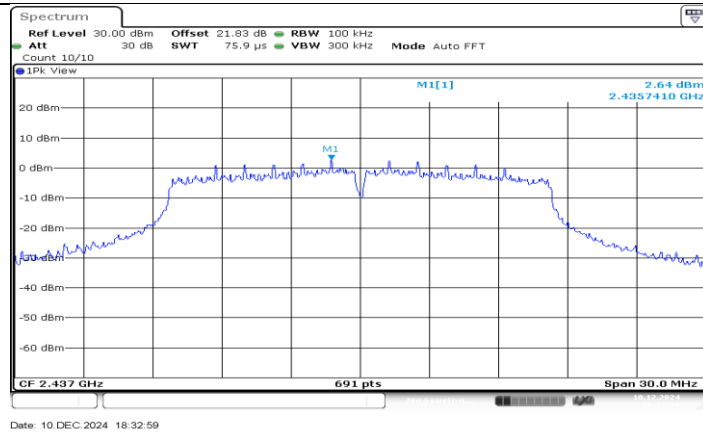
11G_Ant2_2412_0~Reference



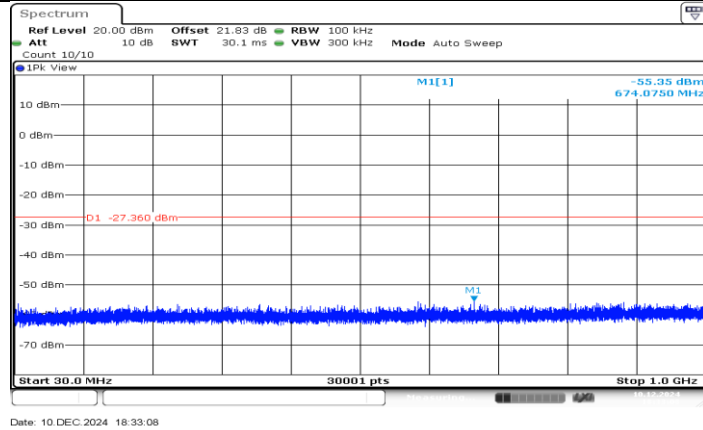
11G_Ant2_2412_30~1000



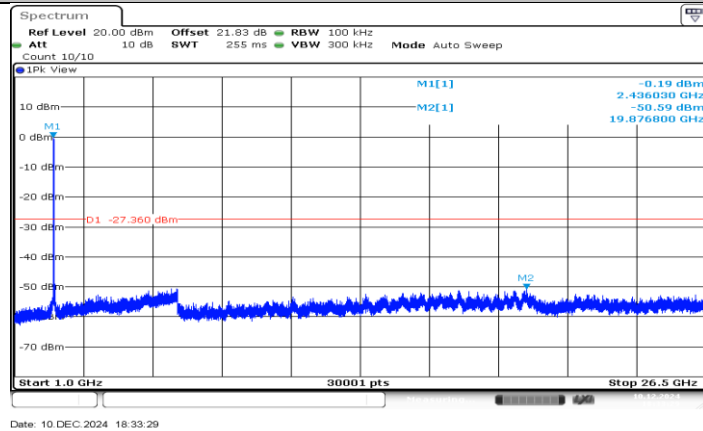
11G_Ant2_2412_1000~26500



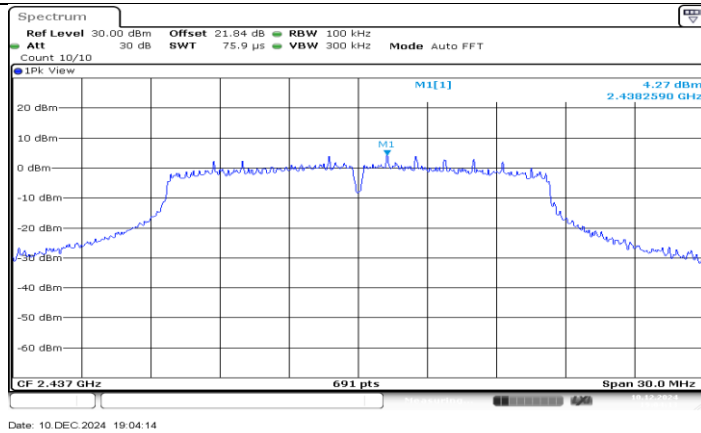
11G_Ant1_2437_0~Reference



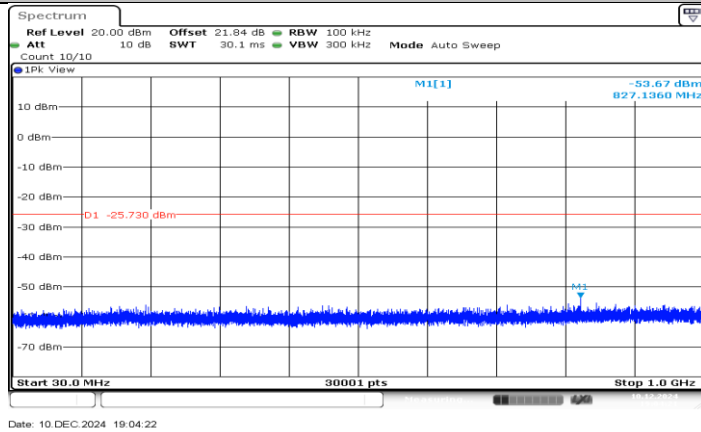
11G_Ant1_2437_30~1000



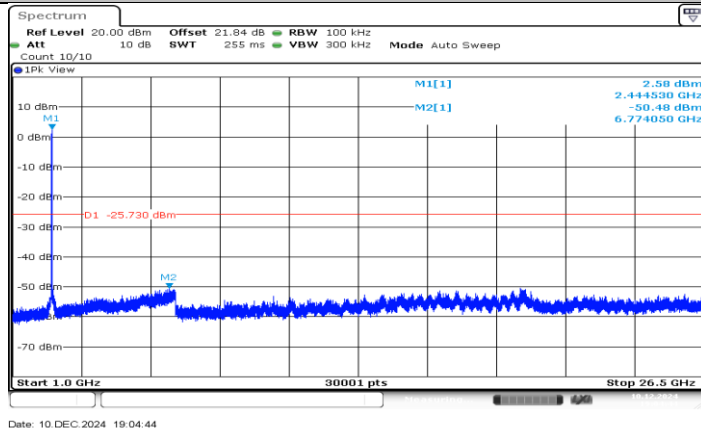
11G_Ant1_2437_1000~26500



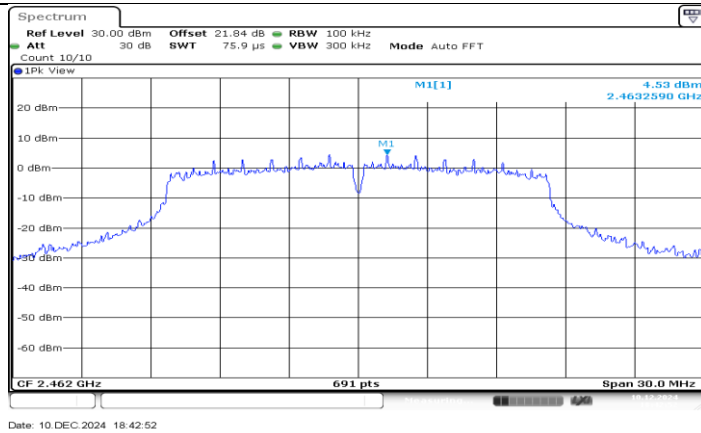
11G_Ant2_2437_0~Reference



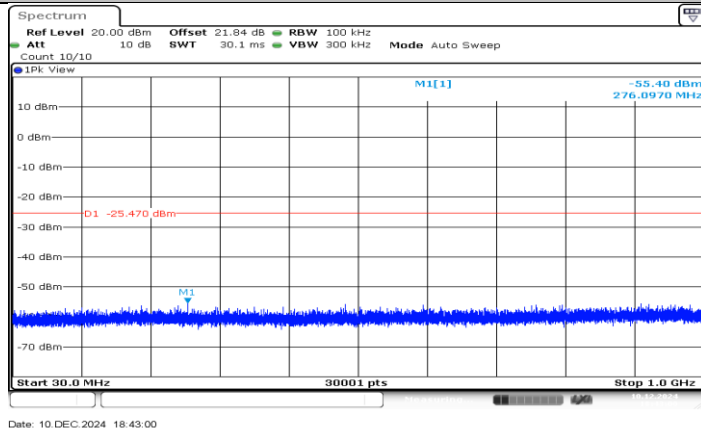
11G_Ant2_2437_30~1000



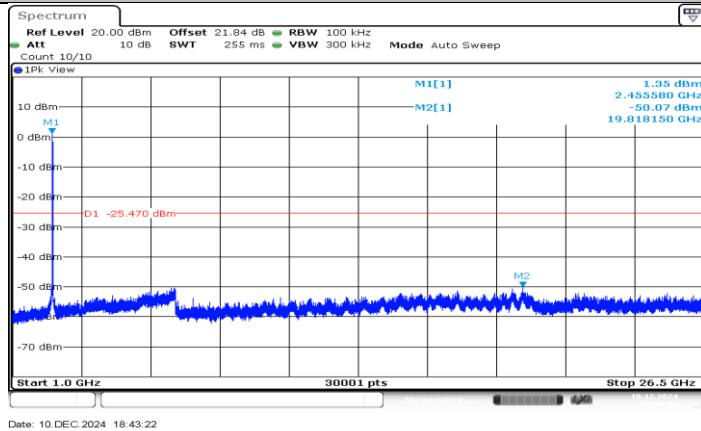
11G_Ant2_2437_1000~26500



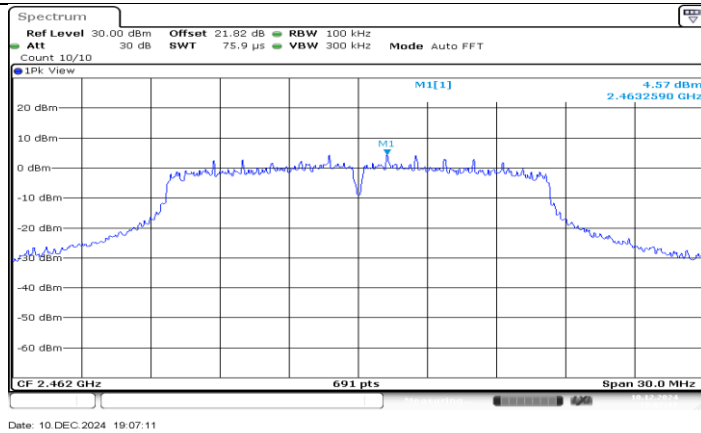
11G_Ant1_2462_0~Reference



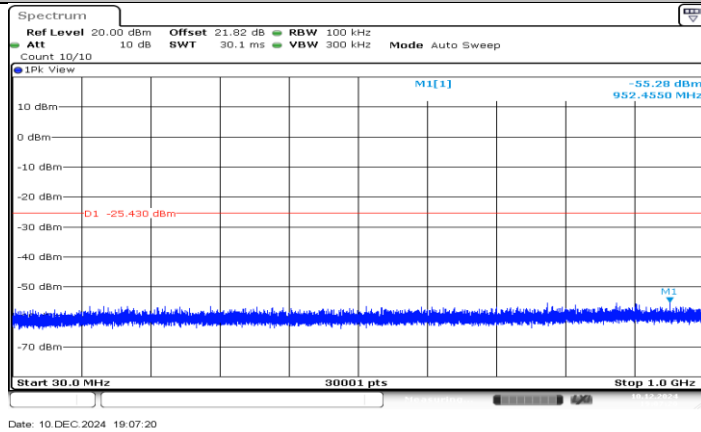
11G_Ant1_2462_30~1000



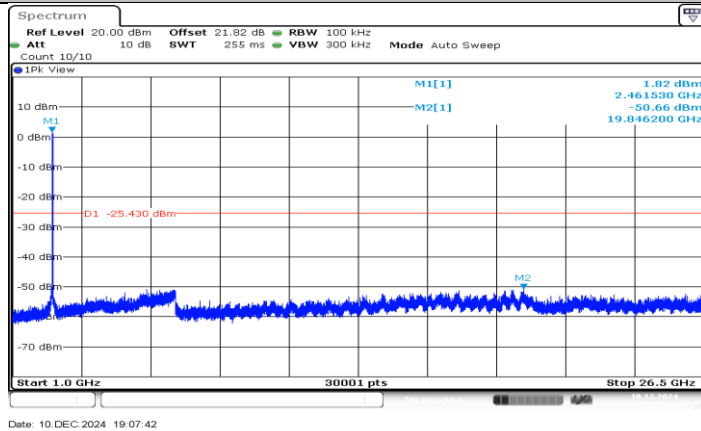
11G_Ant1_2462_1000~26500



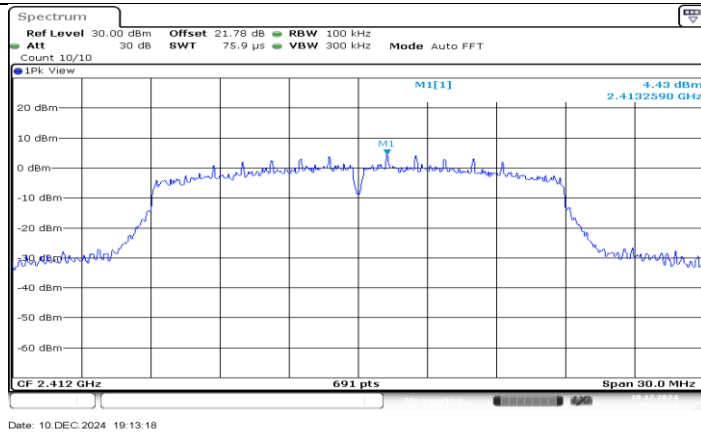
11G_Ant2_2462_0~Reference



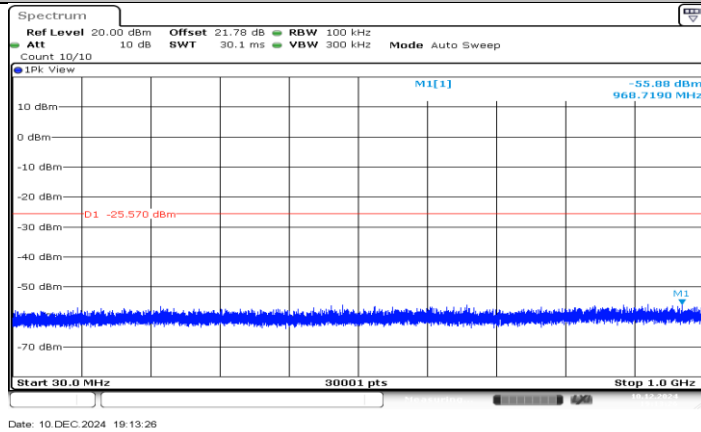
11G_Ant2_2462_30~1000



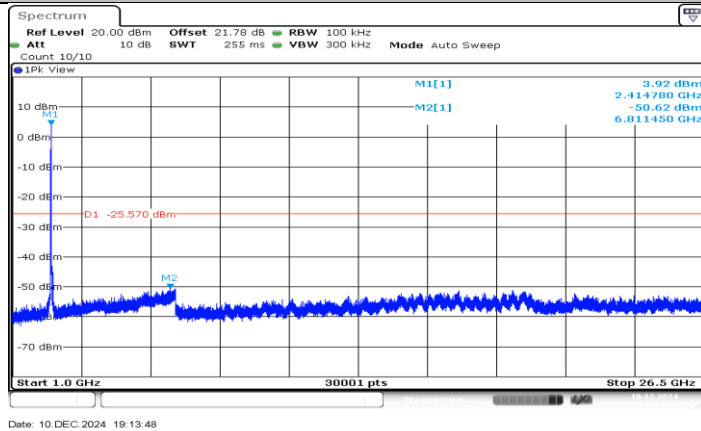
11G_Ant2_2462_1000~26500



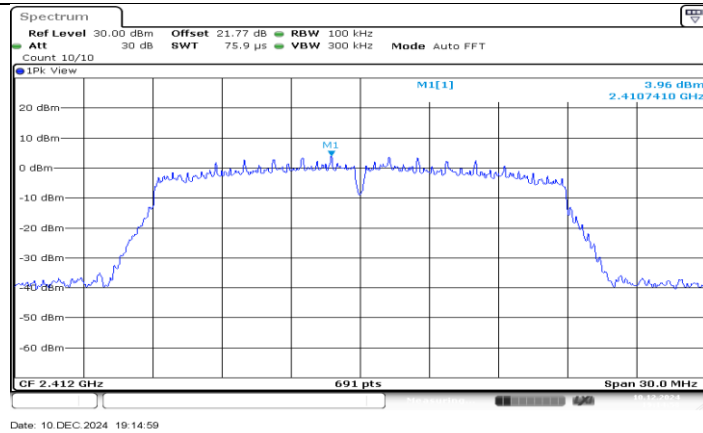
11N20MIMO_Ant1_2412_0~Reference



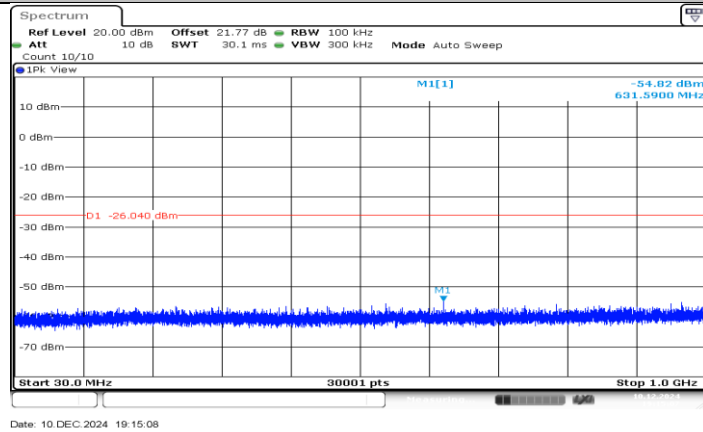
11N20MIMO_Ant1_2412_30~1000



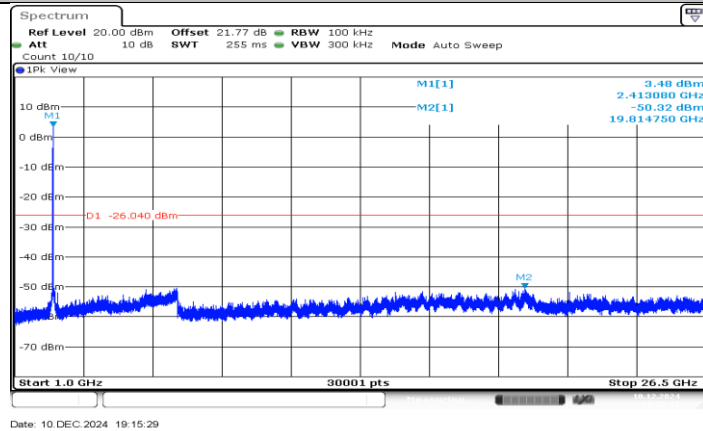
11N20MIMO_Ant1_2412_1000~26500



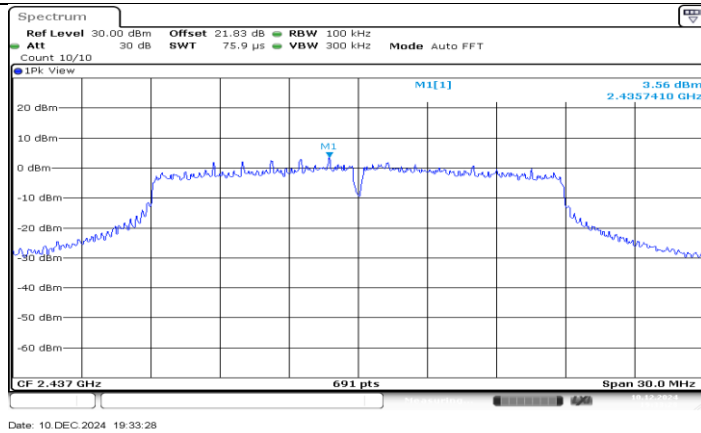
11N20MIMO_Ant2_2412_0~Reference



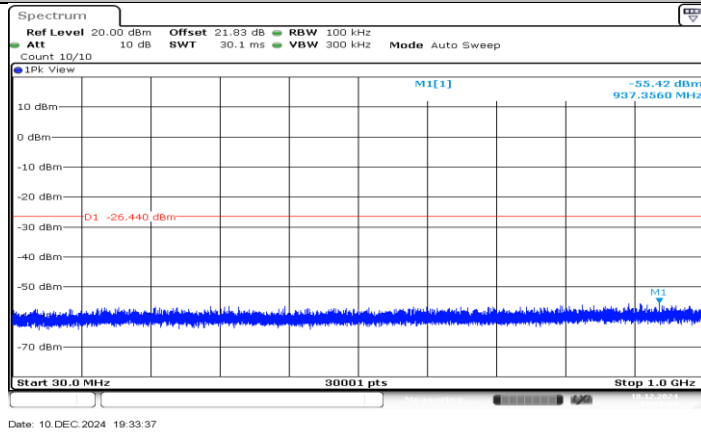
11N20MIMO_Ant2_2412_30~1000



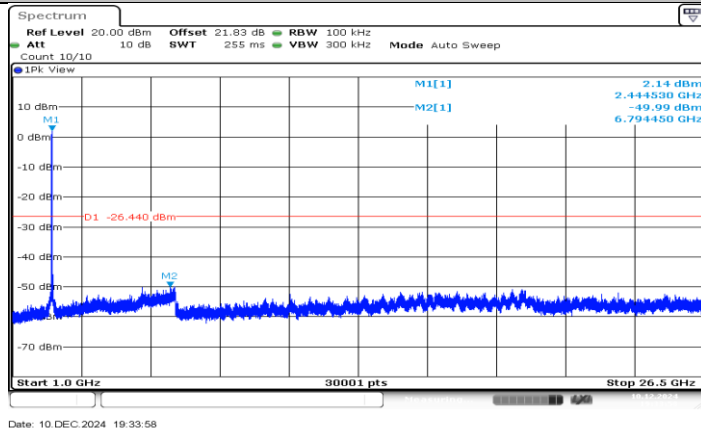
11N20MIMO_Ant2_2412_1000~26500



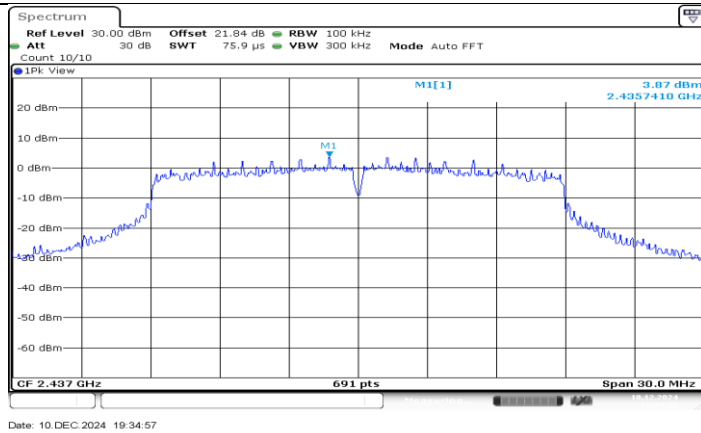
11N20MIMO_Ant1_2437_0~Reference



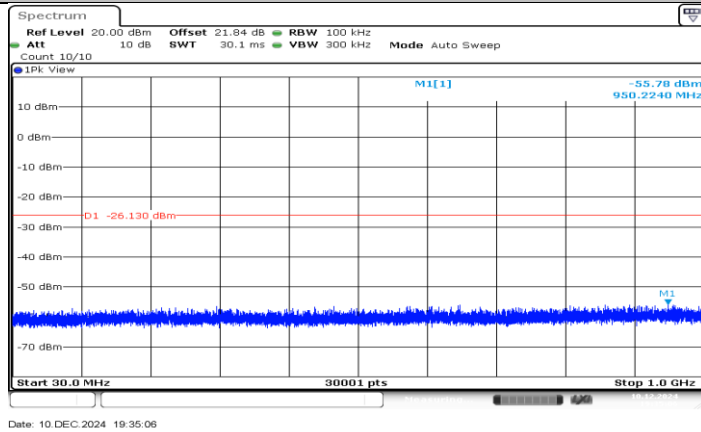
11N20MIMO_Ant1_2437_30~1000



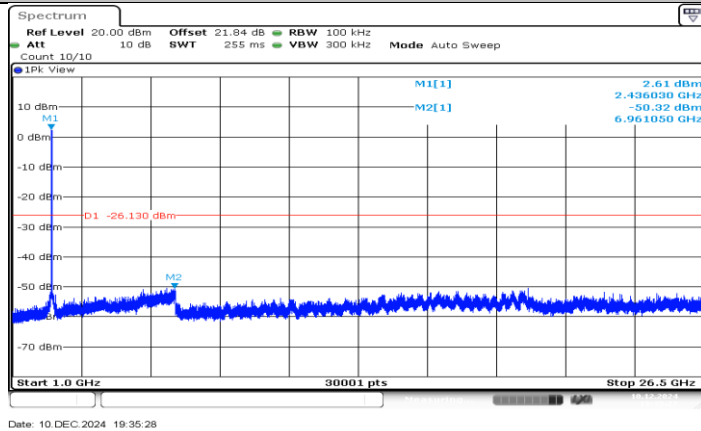
11N20MIMO_Ant1_2437_1000~26500



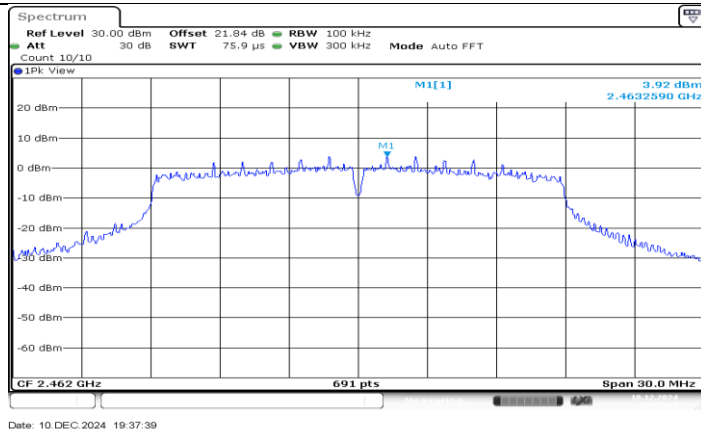
11N20MIMO_Ant2_2437_0~Reference



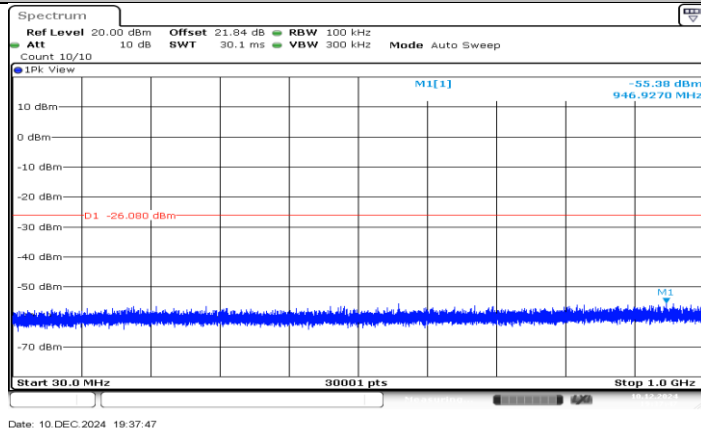
11N20MIMO_Ant2_2437_30~1000



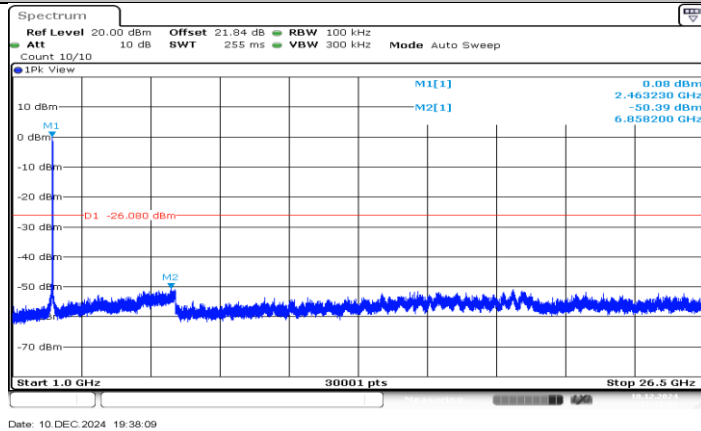
11N20MIMO_Ant2_2437_1000~26500



11N20MIMO_Ant1_2462_0~Reference



11N20MIMO_Ant1_2462_30~1000



11N20MIMO_Ant1_2462_1000~26500