



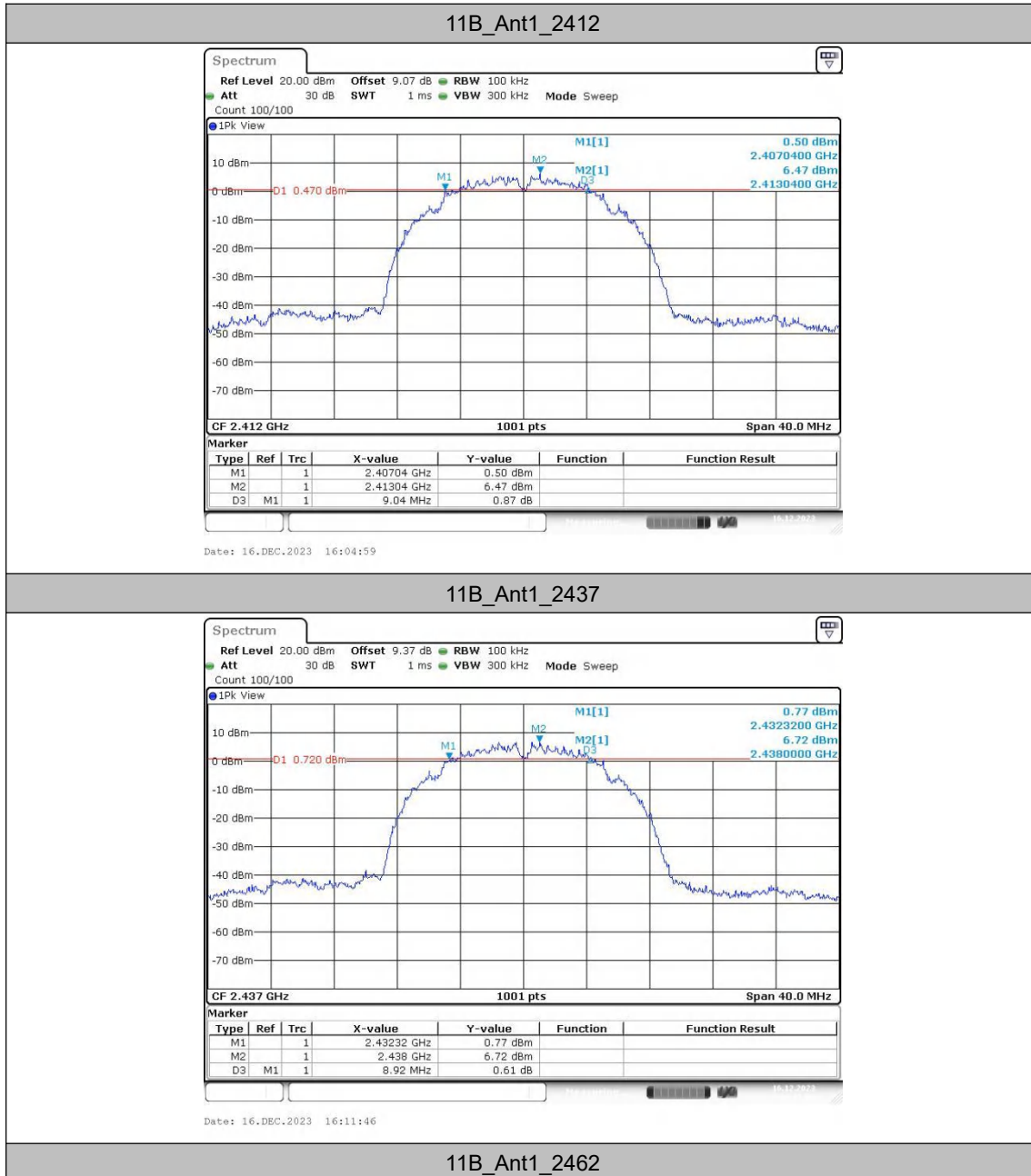
Appendix A: DTS Bandwidth

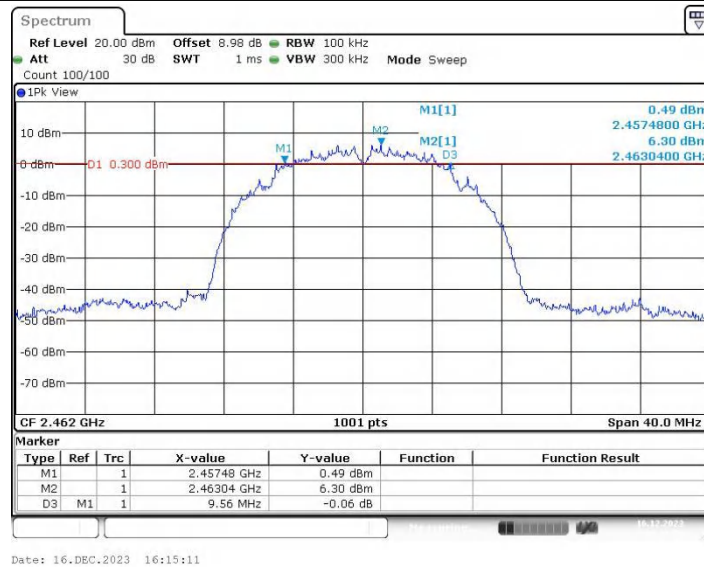
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.04	2407.04	2416.08	0.5	PASS
		2437	8.92	2432.32	2441.24	0.5	PASS
		2462	9.56	2457.48	2467.04	0.5	PASS
11G	Ant1	2412	16.28	2403.88	2420.16	0.5	PASS
		2437	16.08	2428.88	2444.96	0.5	PASS
		2462	16.32	2453.88	2470.20	0.5	PASS
11N20SISO	Ant1	2412	16.32	2403.64	2419.96	0.5	PASS
		2437	16.04	2428.88	2444.92	0.5	PASS
		2462	16.32	2453.88	2470.20	0.5	PASS
11N40SISO	Ant1	2422	35.12	2404.48	2439.60	0.5	PASS
		2437	35.12	2419.48	2454.60	0.5	PASS
		2452	35.12	2434.48	2469.60	0.5	PASS

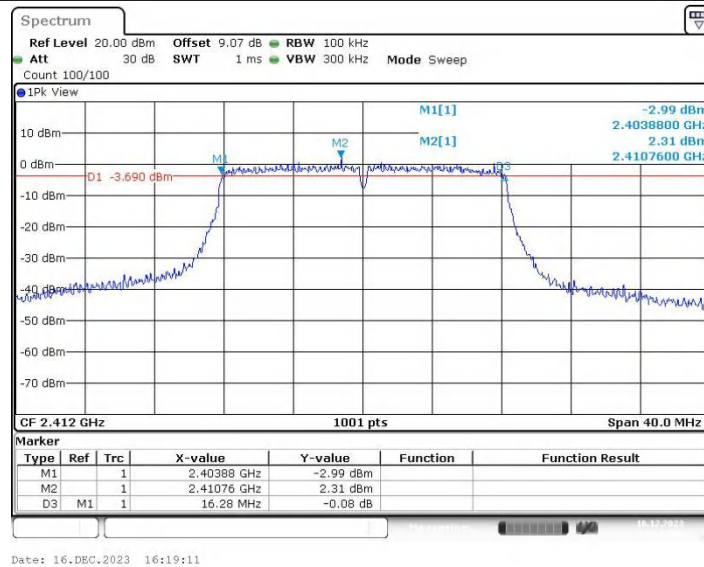


Test Graphs

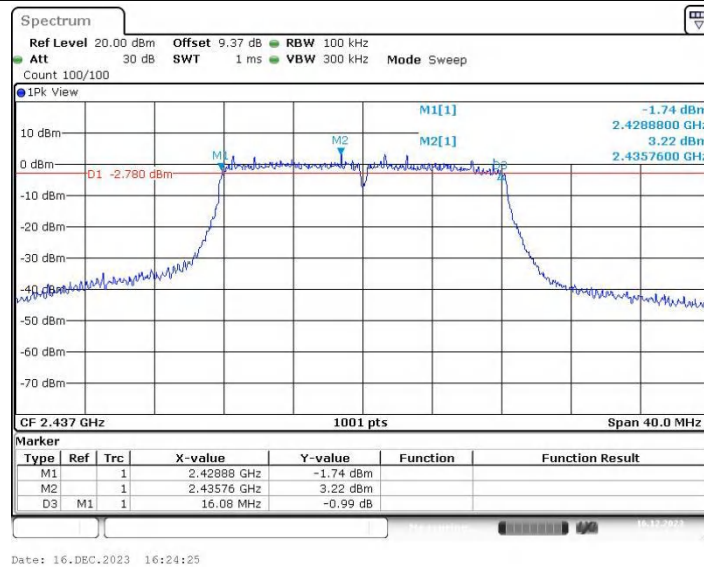




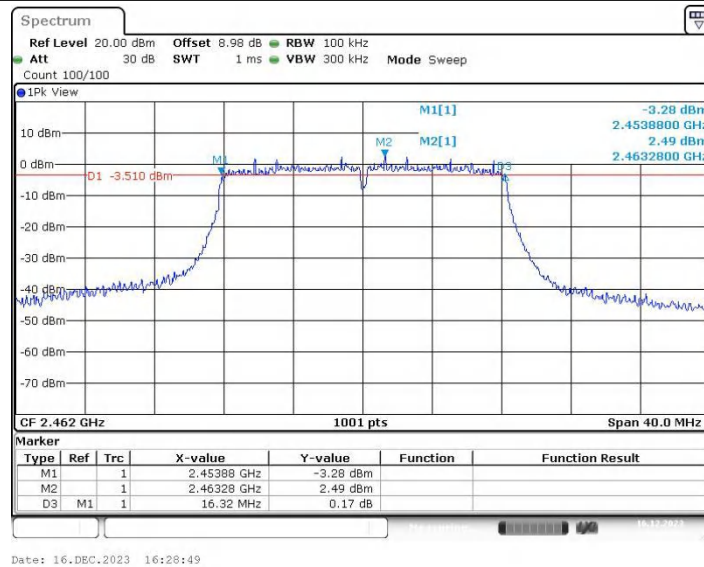
11G_Ant1_2412



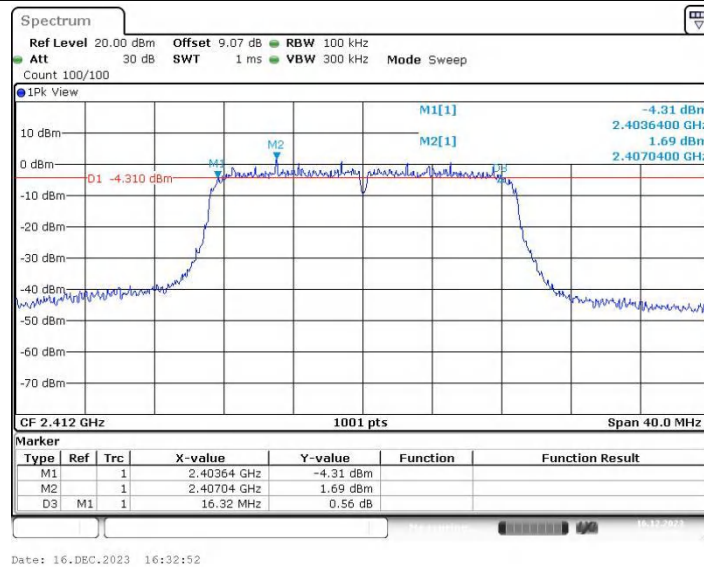
11G_Ant1_2437



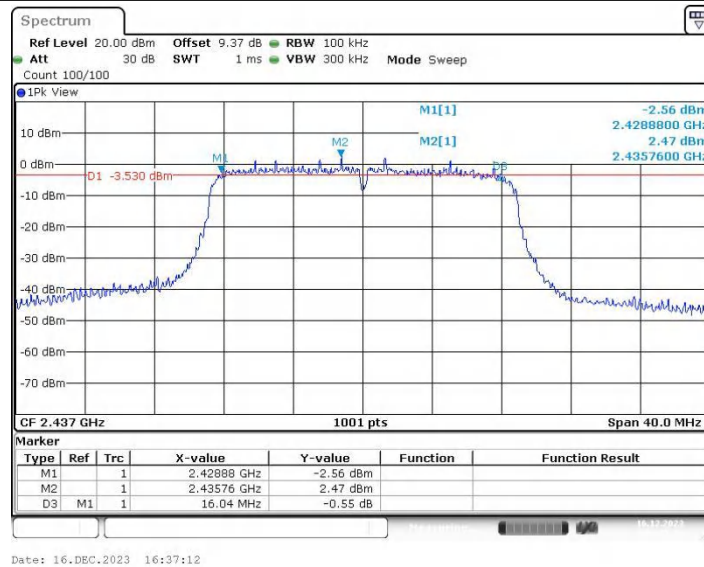
11G_Ant1_2462



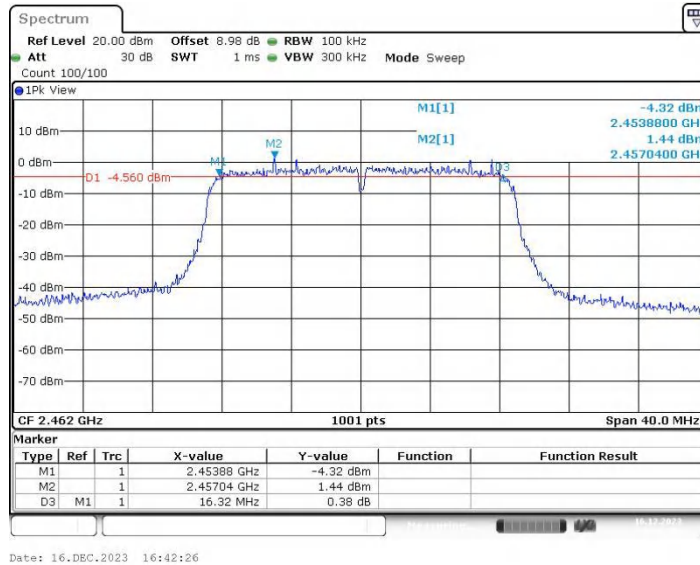
11N20SISO_Ant1_2412



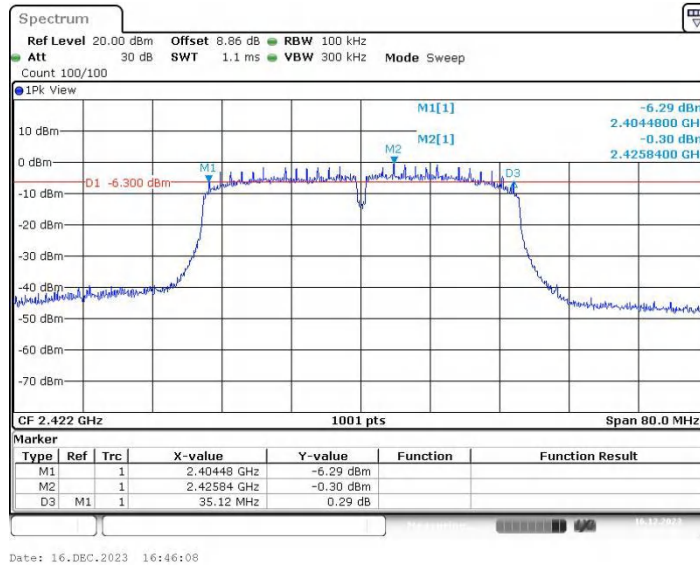
11N20SISO_Ant1_2437



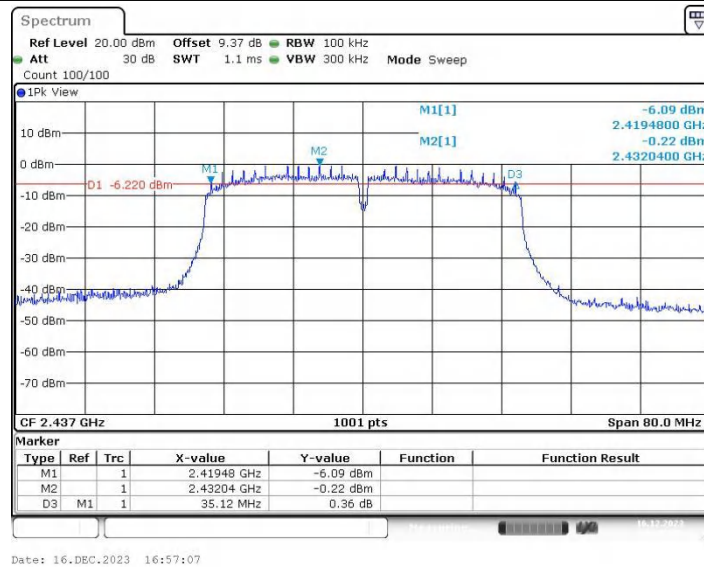
11N20SISO_Ant1_2462



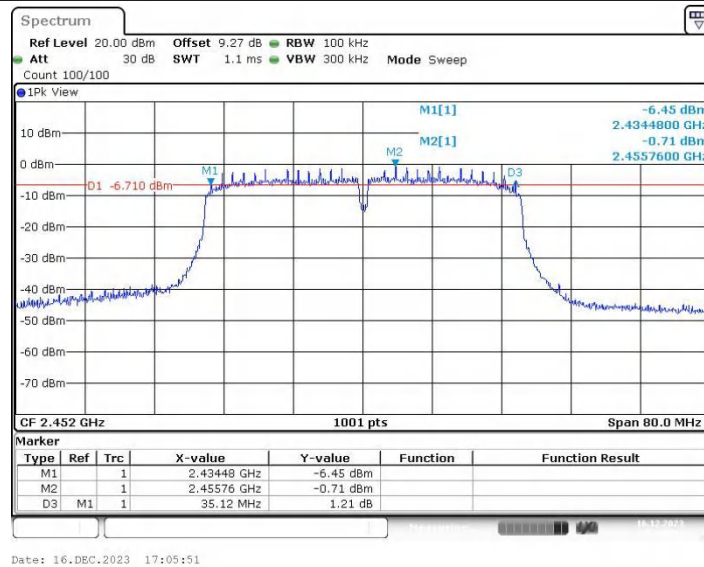
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452





Appendix B: Occupied Channel Bandwidth

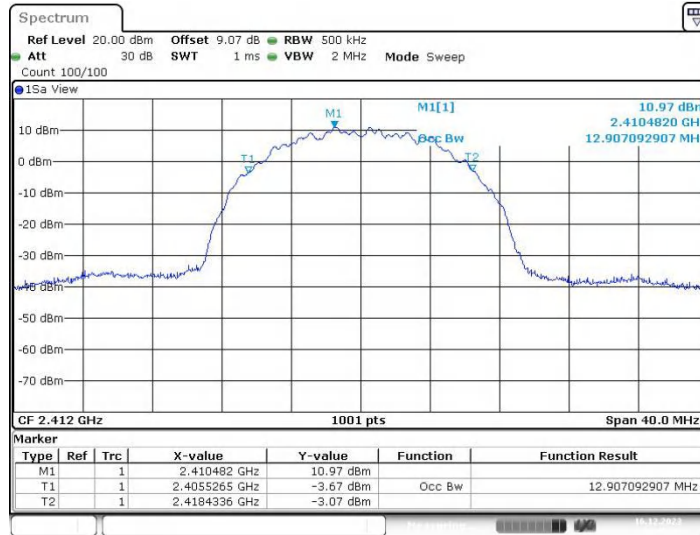
Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.907	2405.526	2418.434	---	---
		2437	12.827	2430.487	2443.314	---	---
		2462	12.787	2455.646	2468.434	---	---
11G	Ant1	2412	16.663	2403.688	2420.352	---	---
		2437	16.663	2428.648	2445.312	---	---
		2462	16.663	2453.728	2470.392	---	---
11N20SISO	Ant1	2412	17.383	2403.329	2420.711	---	---
		2437	17.383	2428.289	2445.671	---	---
		2462	17.343	2453.369	2470.711	---	---
11N40SISO	Ant1	2422	35.644	2404.178	2439.822	---	---
		2437	35.644	2419.178	2454.822	---	---
		2452	35.724	2434.178	2469.902	---	---

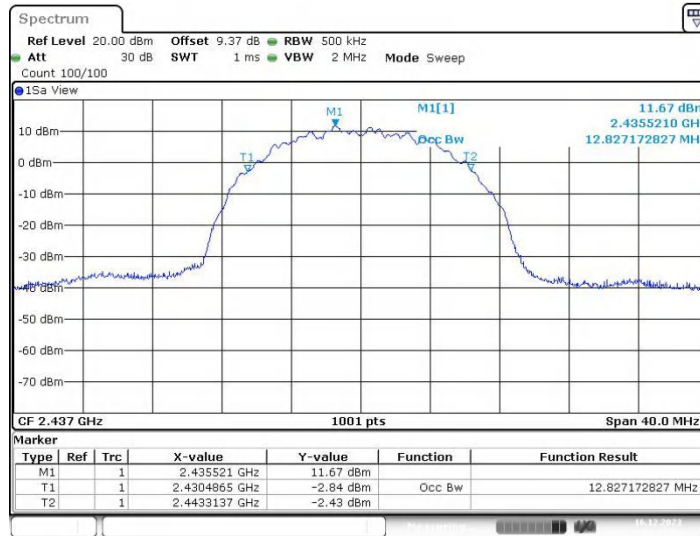


Test Graphs

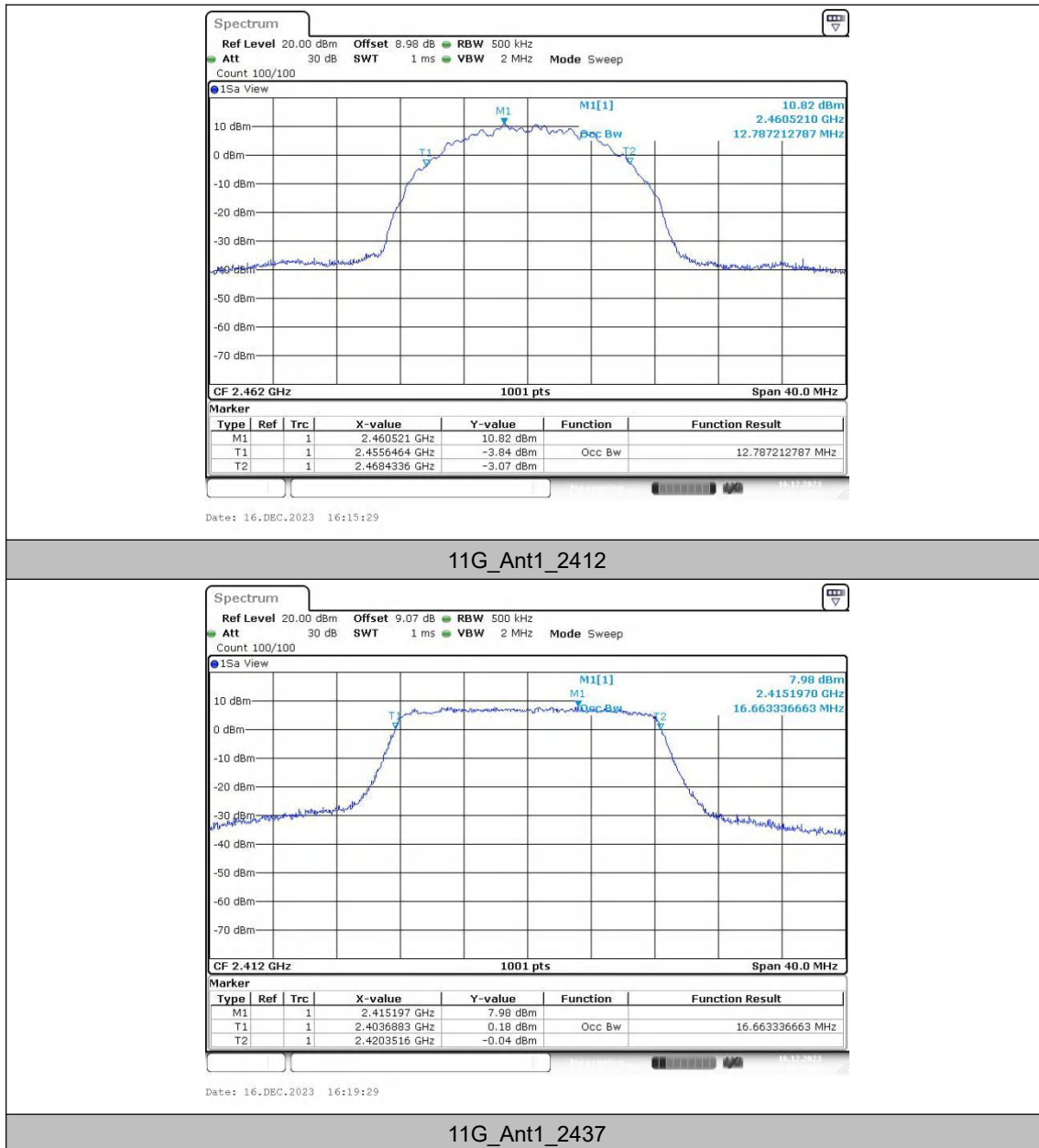
11B_Ant1_2412

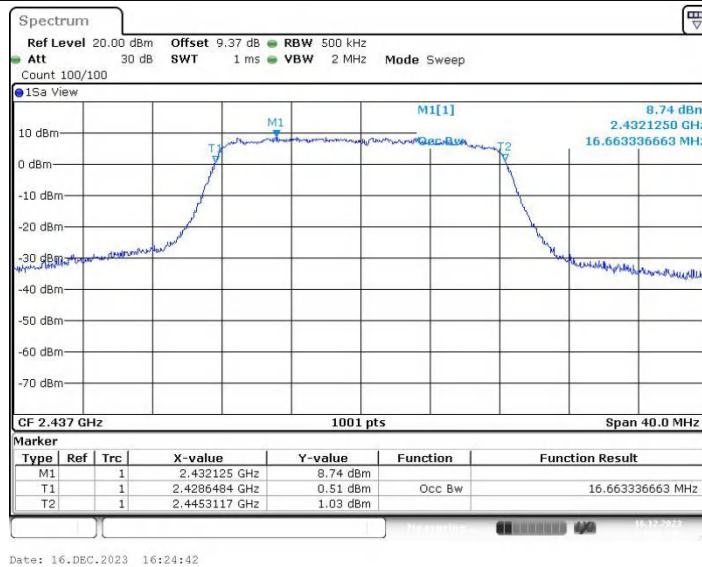


11B_Ant1_2437



11B_Ant1_2462





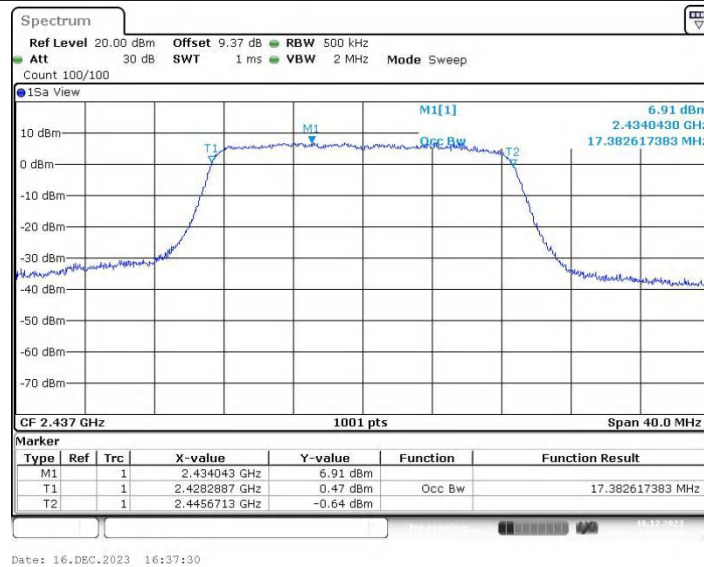
11G_Ant1_2462



11N20SISO_Ant1_2412



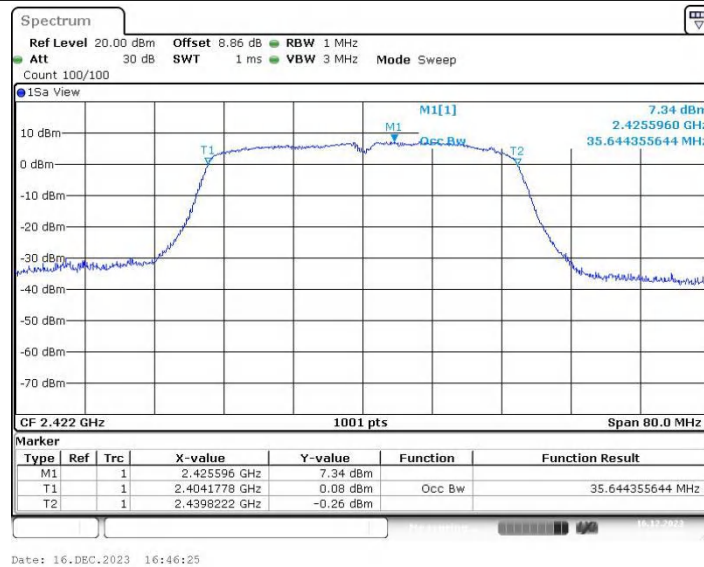
11N20SISO_Ant1_2437



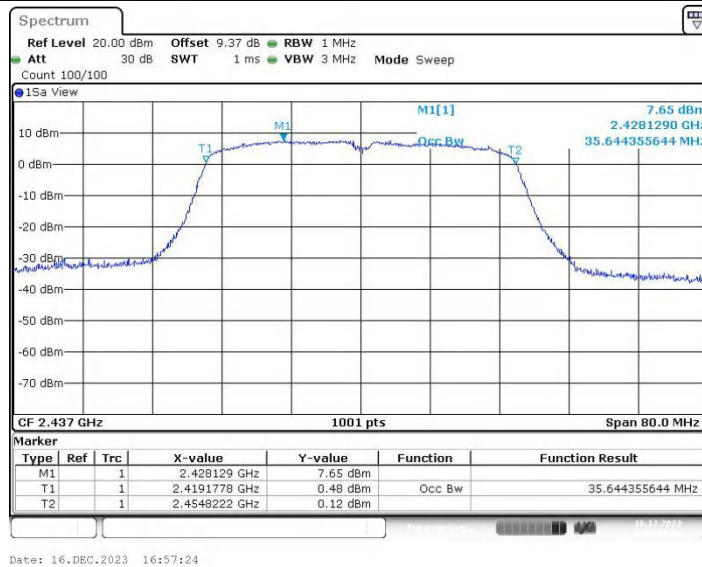
11N20SISO_Ant1_2462



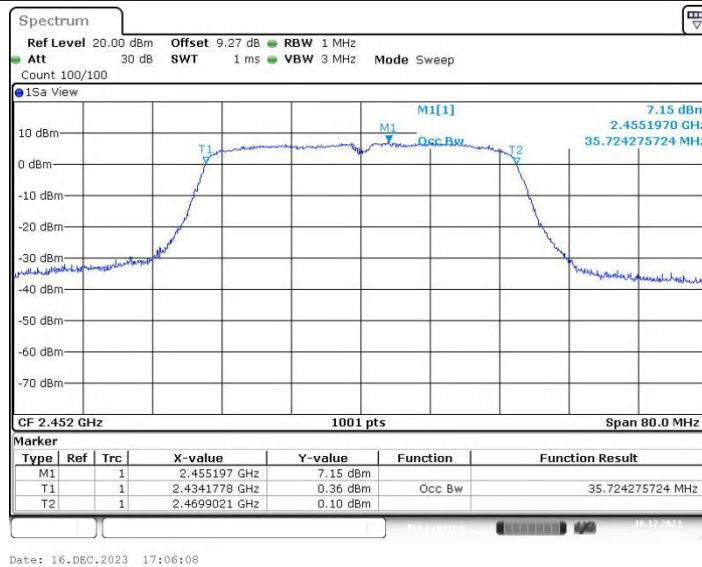
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452





Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequen cy[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	20.55	≤30.00	23.36	≤36.00	PASS
		2437	21.20	≤30.00	24.01	≤36.00	PASS
		2462	20.65	≤30.00	23.46	≤36.00	PASS
11G	Ant1	2412	22.02	≤30.00	24.83	≤36.00	PASS
		2437	22.70	≤30.00	25.51	≤36.00	PASS
		2462	21.94	≤30.00	24.75	≤36.00	PASS
11N20SIS O	Ant1	2412	20.42	≤30.00	23.23	≤36.00	PASS
		2437	21.08	≤30.00	23.89	≤36.00	PASS
		2462	20.49	≤30.00	23.30	≤36.00	PASS
11N40SIS O	Ant1	2422	20.80	≤30.00	23.61	≤36.00	PASS
		2437	21.31	≤30.00	24.12	≤36.00	PASS
		2452	20.79	≤30.00	23.60	≤36.00	PASS

Test Result Average

Test Mode	Antenna	Frequenc y[MHz]	Average power [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	13.45	≤30.00	2.81	16.26	≤36.00	PASS
		2437	13.17	≤30.00	2.81	15.98	≤36.00	PASS
		2462	12.48	≤30.00	2.81	15.29	≤36.00	PASS
11G	Ant1	2412	12.83	≤30.00	2.81	15.64	≤36.00	PASS
		2437	12.68	≤30.00	2.81	15.49	≤36.00	PASS
		2462	11.97	≤30.00	2.81	14.78	≤36.00	PASS
11N20SISO	Ant1	2412	11.47	≤30.00	2.81	14.28	≤36.00	PASS
		2437	11.38	≤30.00	2.81	14.19	≤36.00	PASS
		2462	10.80	≤30.00	2.81	13.61	≤36.00	PASS
11N40SISO	Ant1	2422	11.54	≤30.00	2.81	14.35	≤36.00	PASS
		2437	11.42	≤30.00	2.81	14.23	≤36.00	PASS
		2452	11.01	≤30.00	2.81	13.82	≤36.00	PASS



Appendix D: Maximum power spectral density

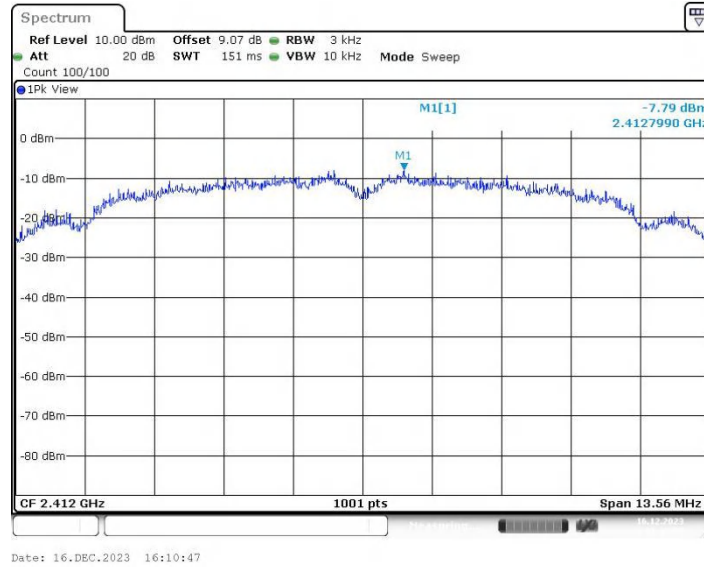
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-7.79	≤8.00	PASS
		2437	-6.7	≤8.00	PASS
		2462	-7.26	≤8.00	PASS
11G	Ant1	2412	-11.2	≤8.00	PASS
		2437	-10.59	≤8.00	PASS
		2462	-11.03	≤8.00	PASS
11N20SISO	Ant1	2412	-11.56	≤8.00	PASS
		2437	-10.84	≤8.00	PASS
		2462	-11.29	≤8.00	PASS
11N40SISO	Ant1	2422	-14.03	≤8.00	PASS
		2437	-13.85	≤8.00	PASS
		2452	-14.37	≤8.00	PASS

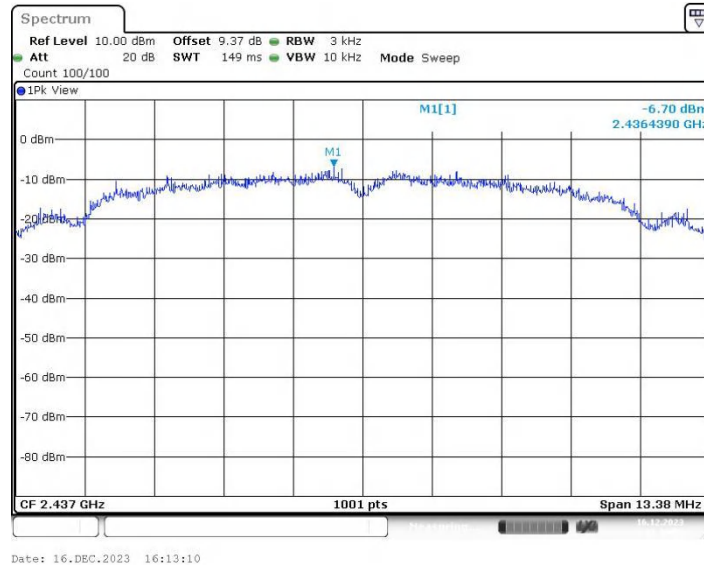


Test Graphs

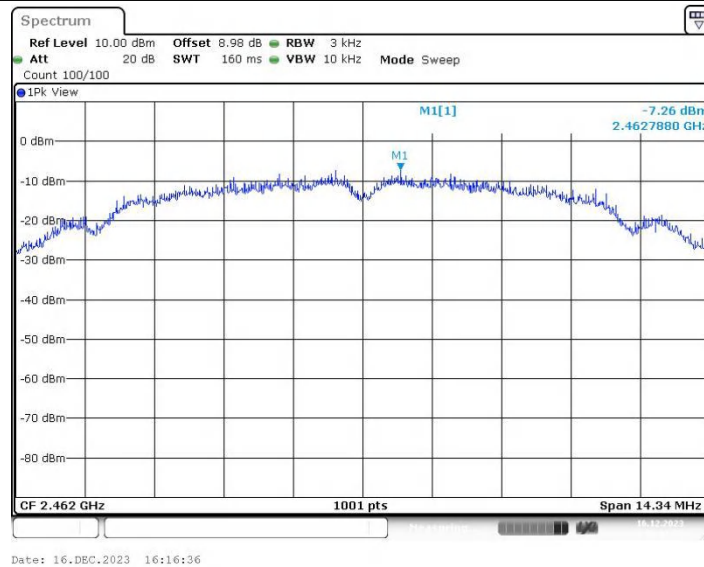
11B_Ant1_2412



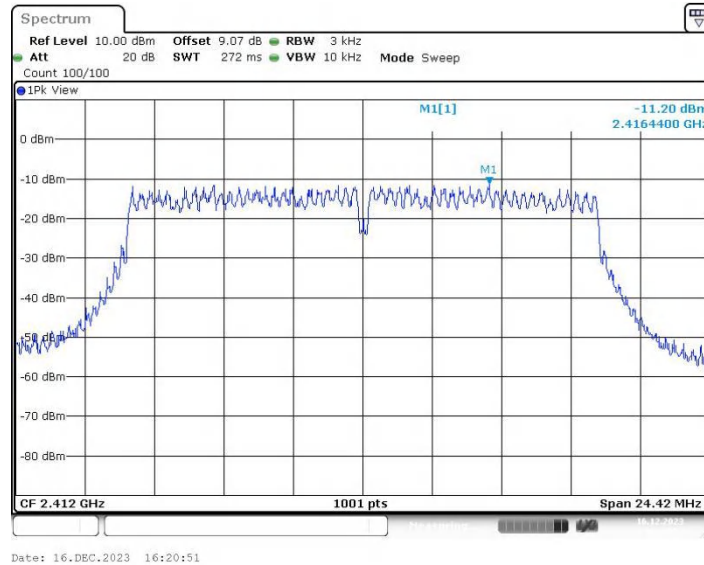
11B_Ant1_2437



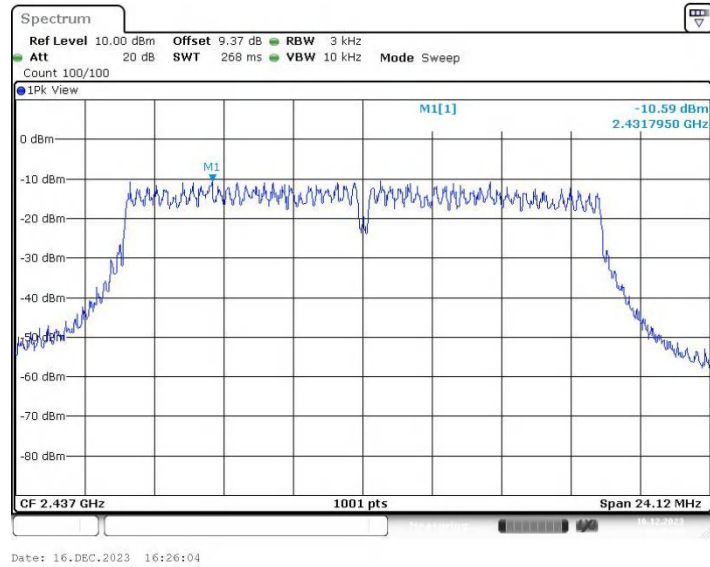
11B_Ant1_2462



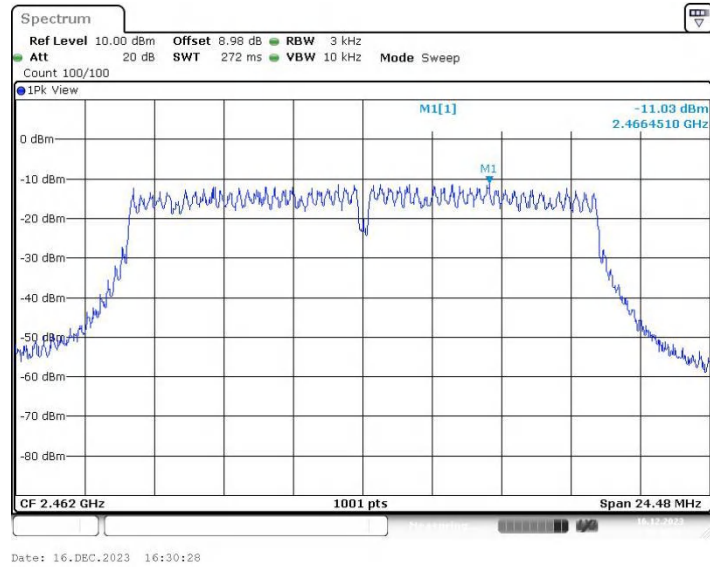
11G_Ant1_2412



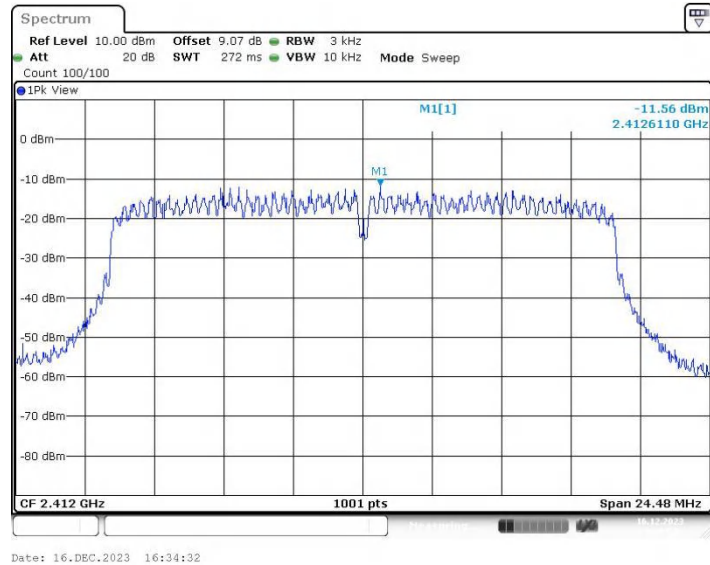
11G_Ant1_2437



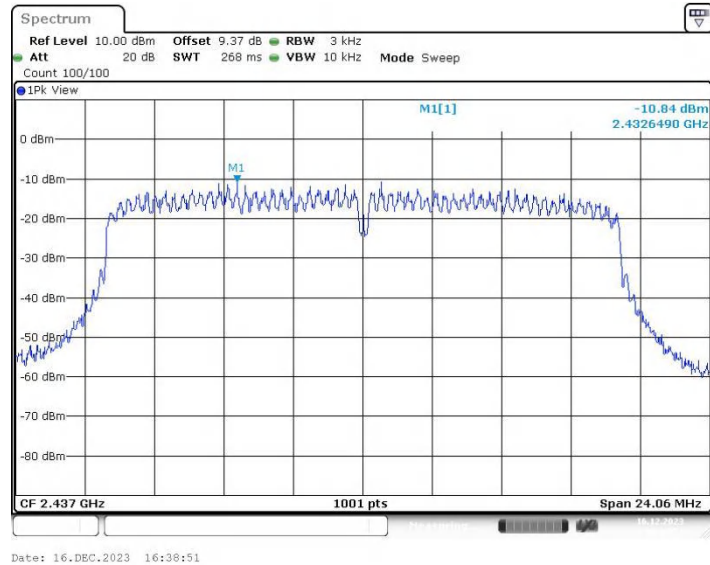
11G_Ant1_2462



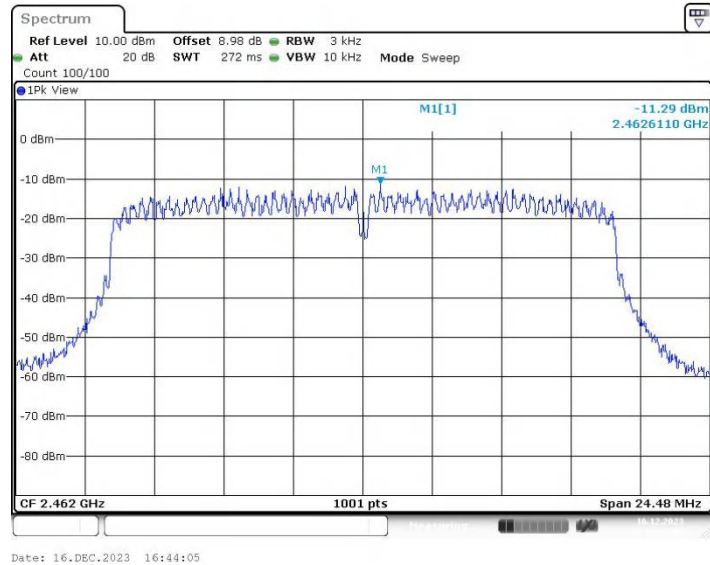
11N20SISO_Ant1_2412



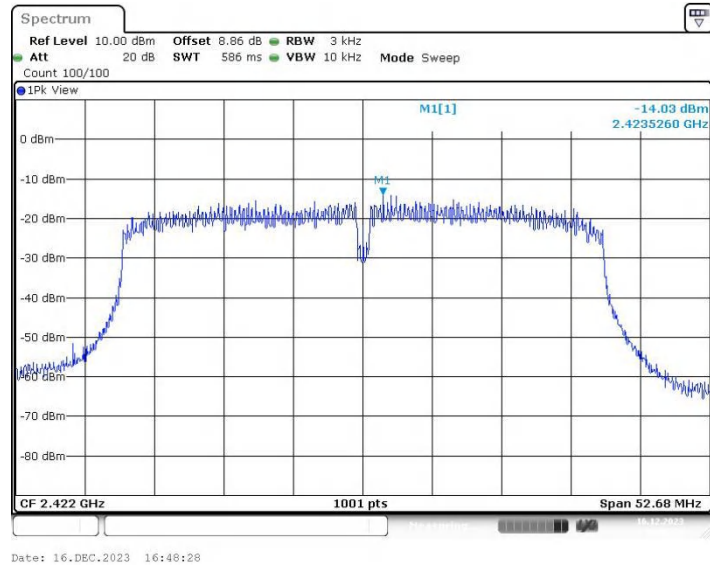
11N20SISO_Ant1_2437



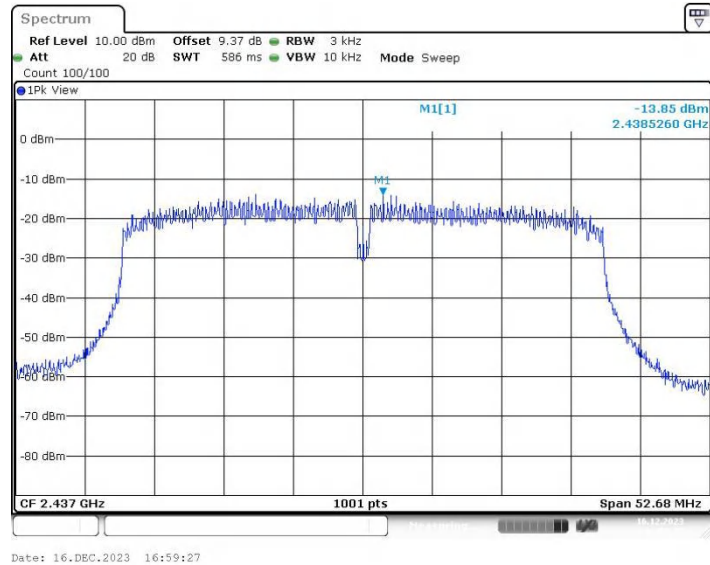
11N20SISO_Ant1_2462



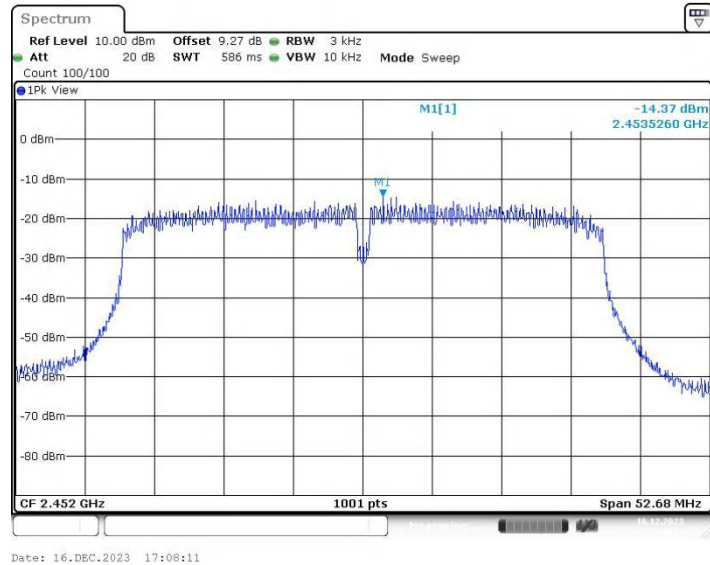
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452





Appendix E: Reference level measurement

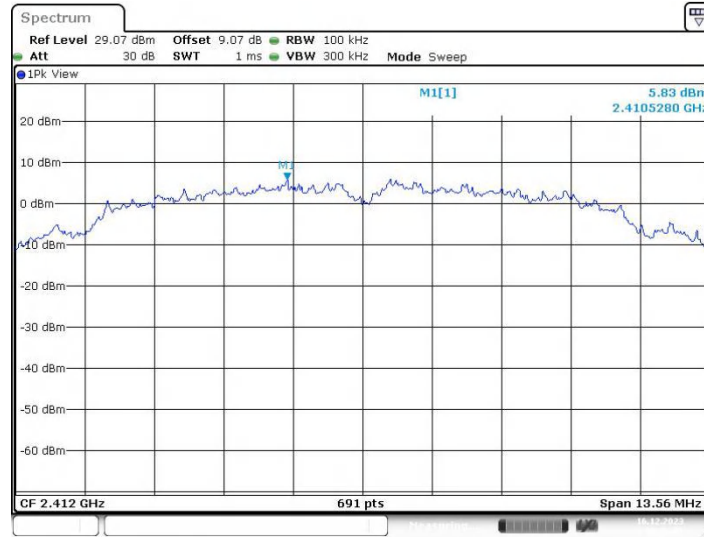
Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2410.53	5.83
		2437	2435.53	6.38
		2462	2461.52	5.87
11G	Ant1	2412	2410.80	2.07
		2437	2430.79	3.18
		2462	2460.76	2.49
11N20SISO	Ant1	2412	2417.00	1.35
		2437	2432.02	2.51
		2462	2464.52	1.48
11N40SISO	Ant1	2422	2425.81	-0.38
		2437	2432.05	-0.23
		2452	2455.74	-1.08

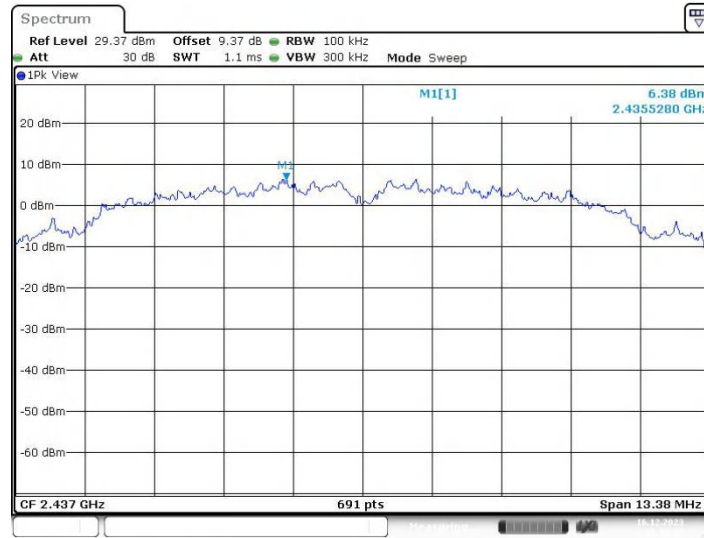


Test Graphs

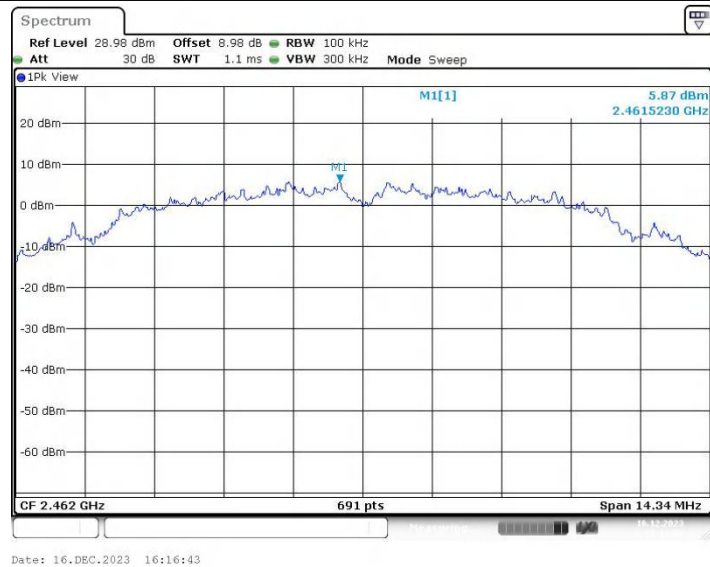
11B_Ant1_2412



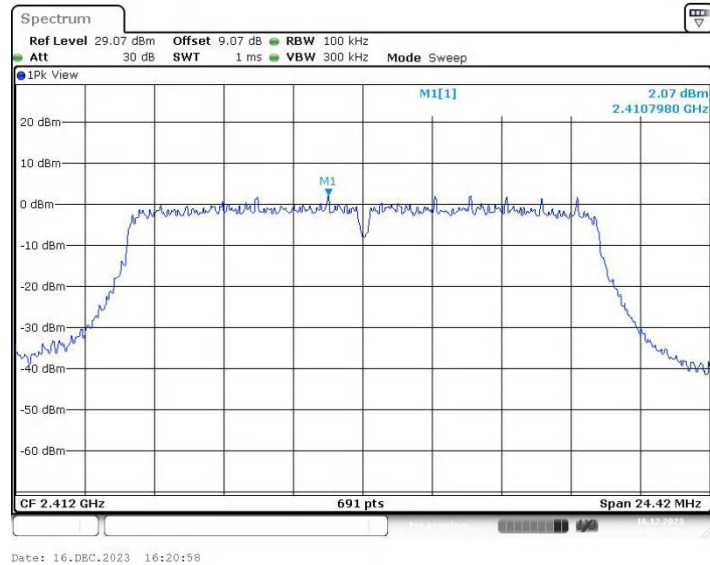
11B_Ant1_2437



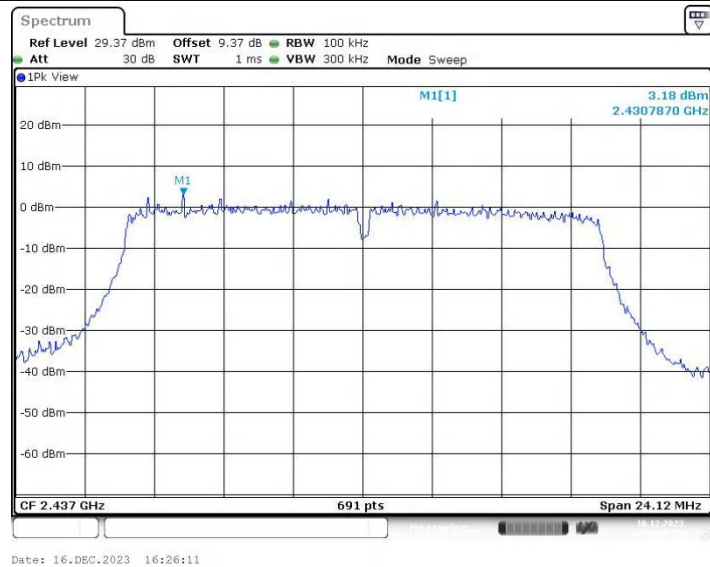
11B_Ant1_2462



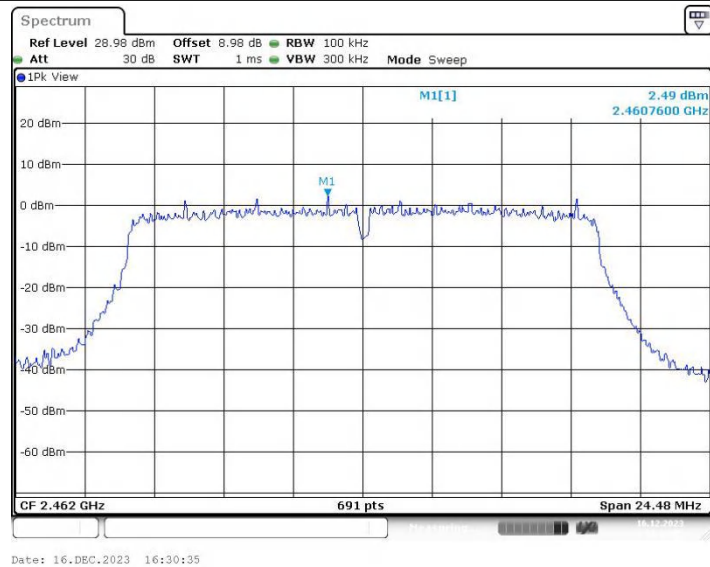
11G_Ant1_2412



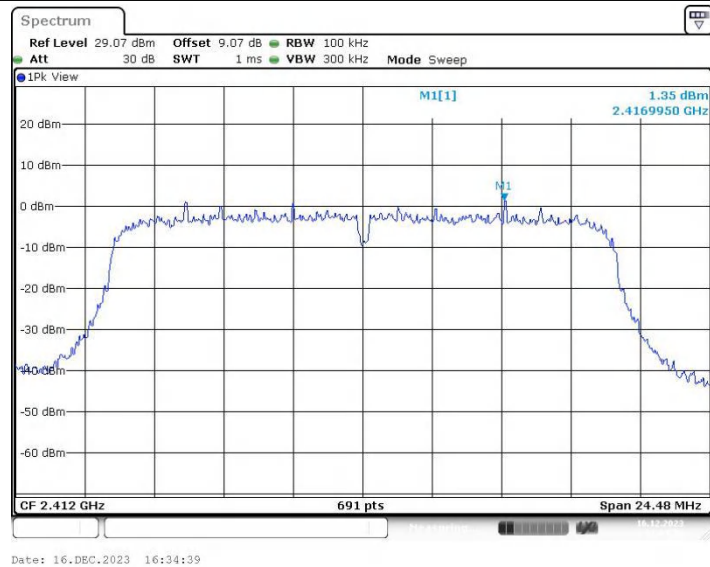
11G_Ant1_2437



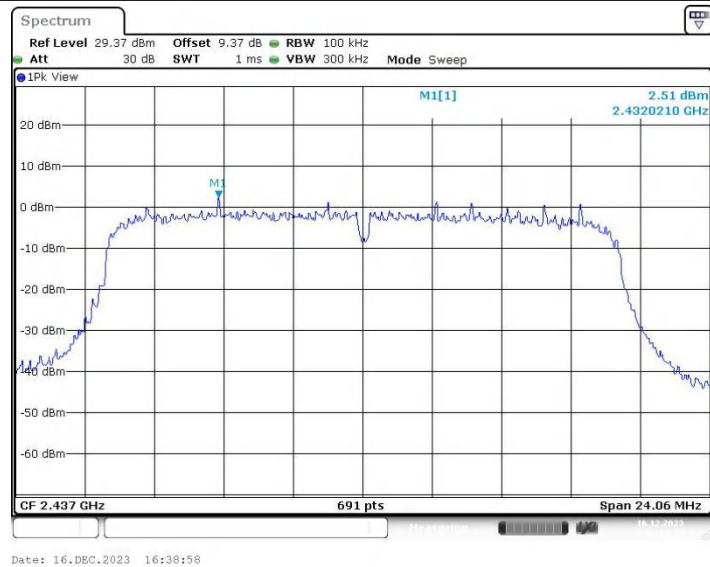
11G_Ant1_2462



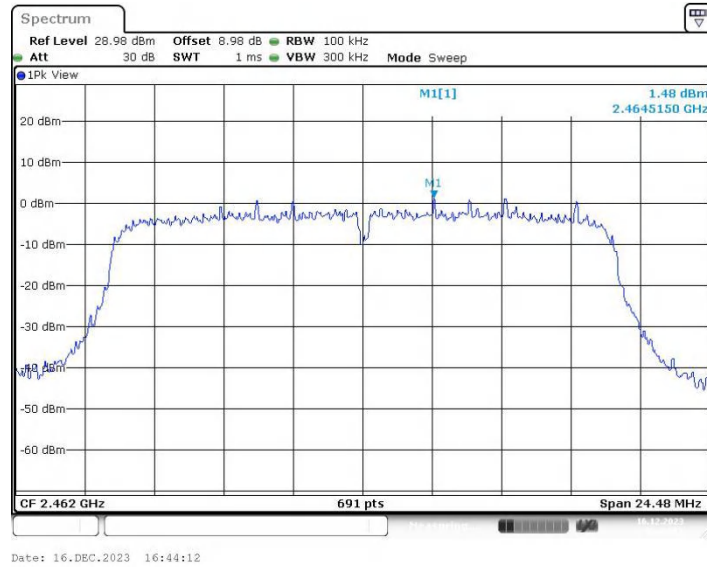
11N20SISO_Ant1_2412



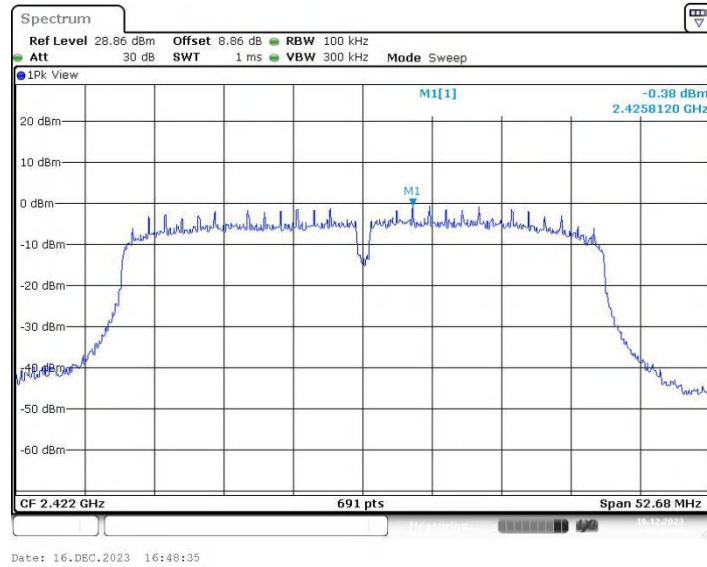
11N20SISO_Ant1_2437



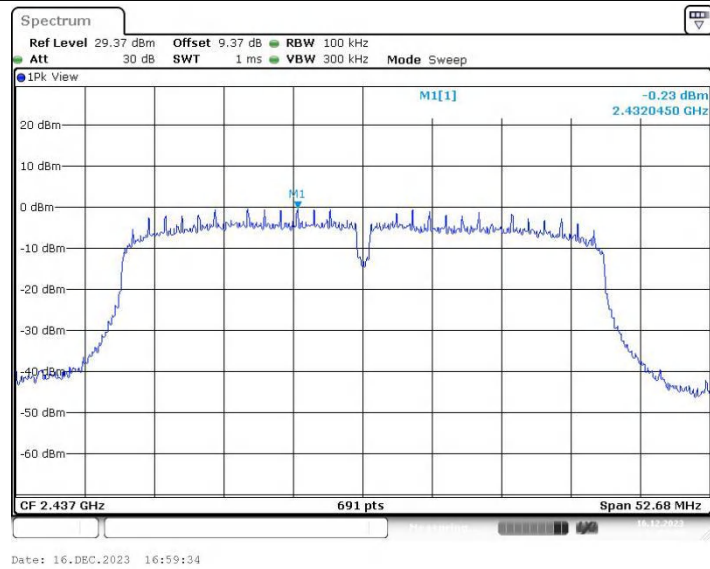
11N20SISO_Ant1_2462



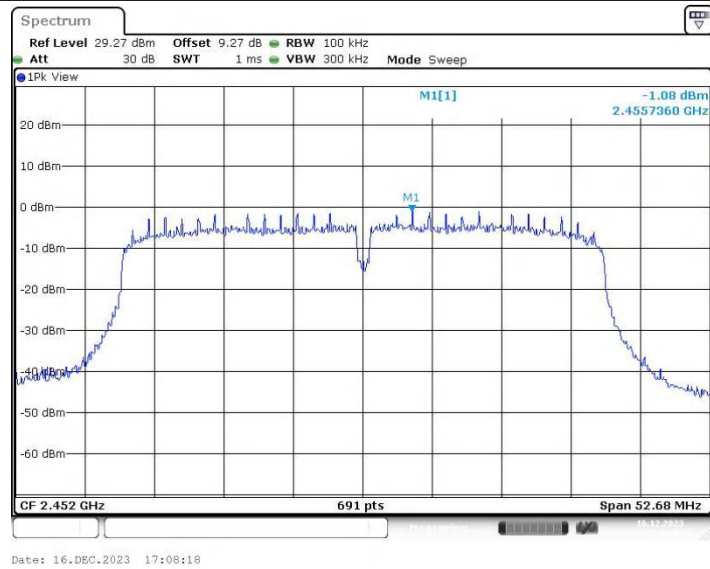
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452





Appendix F: Band edge measurements

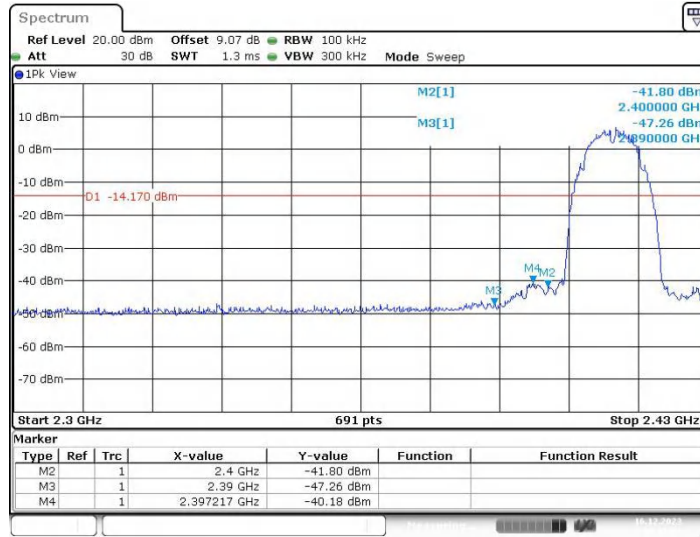
Test Result

TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.83	-40.18	≤-14.17	PASS
		High	2462	5.87	-45.55	≤-14.13	PASS
11G	Ant1	Low	2412	2.07	-34.19	≤-17.93	PASS
		High	2462	2.49	-43.62	≤-17.51	PASS
11N20SISO	Ant1	Low	2412	1.35	-38.04	≤-18.65	PASS
		High	2462	1.48	-44.5	≤-18.52	PASS
11N40SISO	Ant1	Low	2422	-0.38	-39.14	≤-20.38	PASS
		High	2452	-1.08	-43.66	≤-21.08	PASS

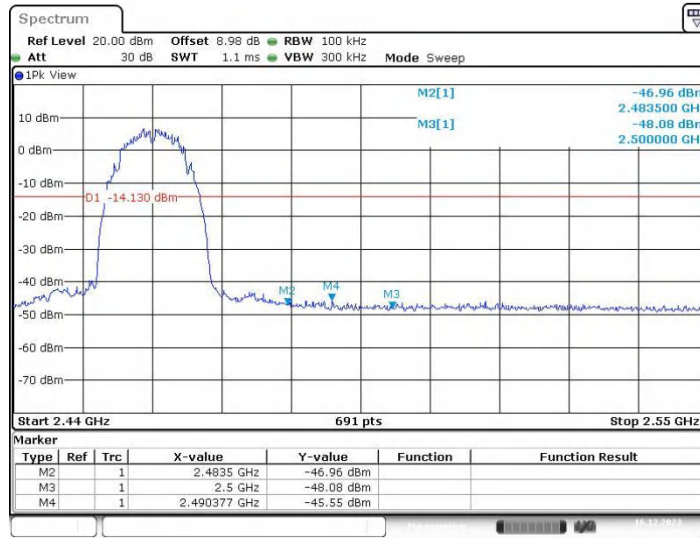


Test Graphs

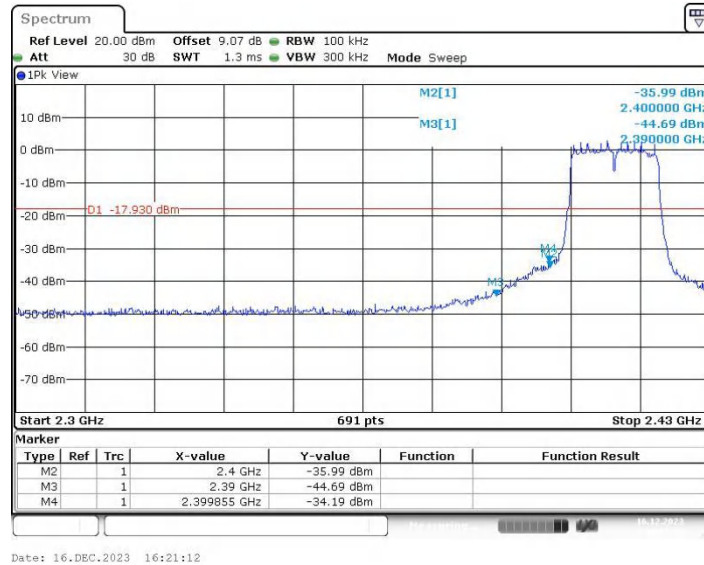
11B_Ant1_Low_2412



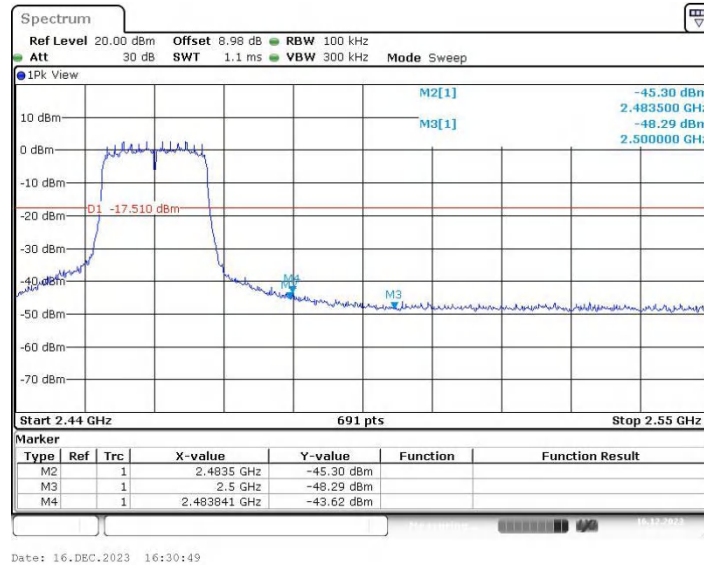
11B_Ant1_High_2462



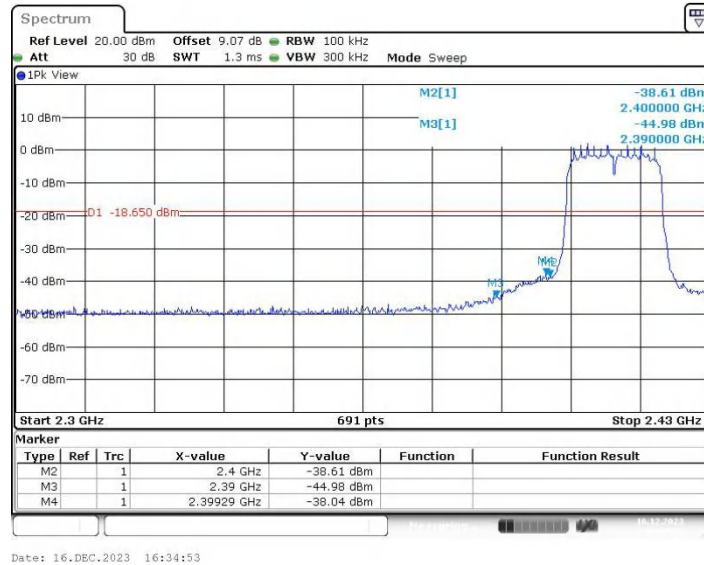
11G_Ant1_Low_2412



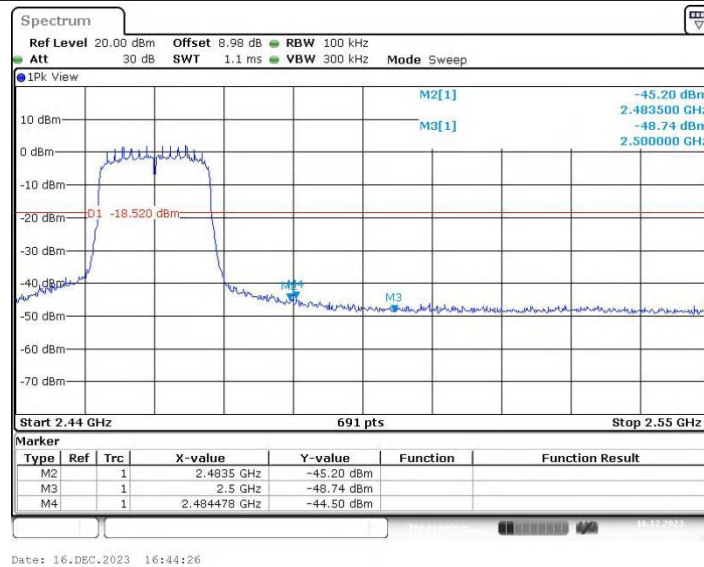
11G_Ant1_High_2462



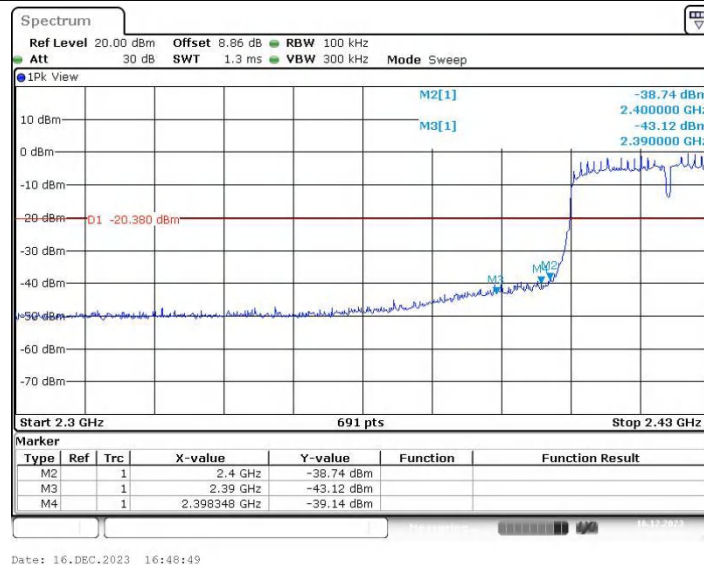
11N20SISO_Ant1_Low_2412



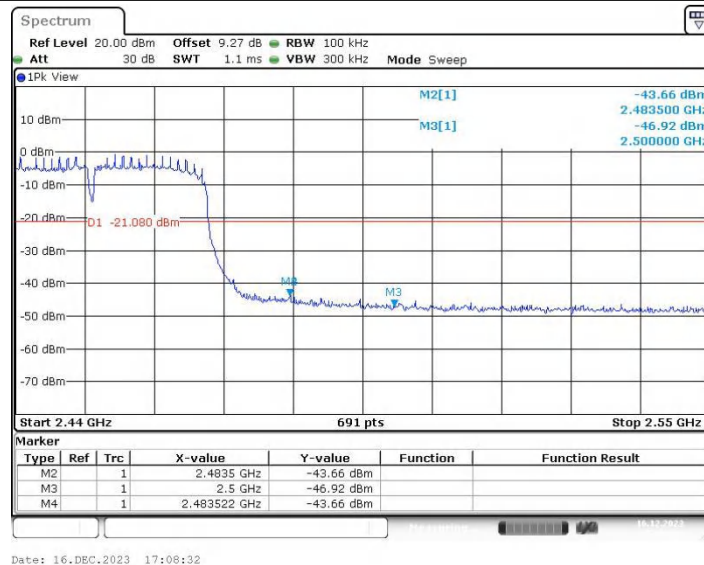
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452





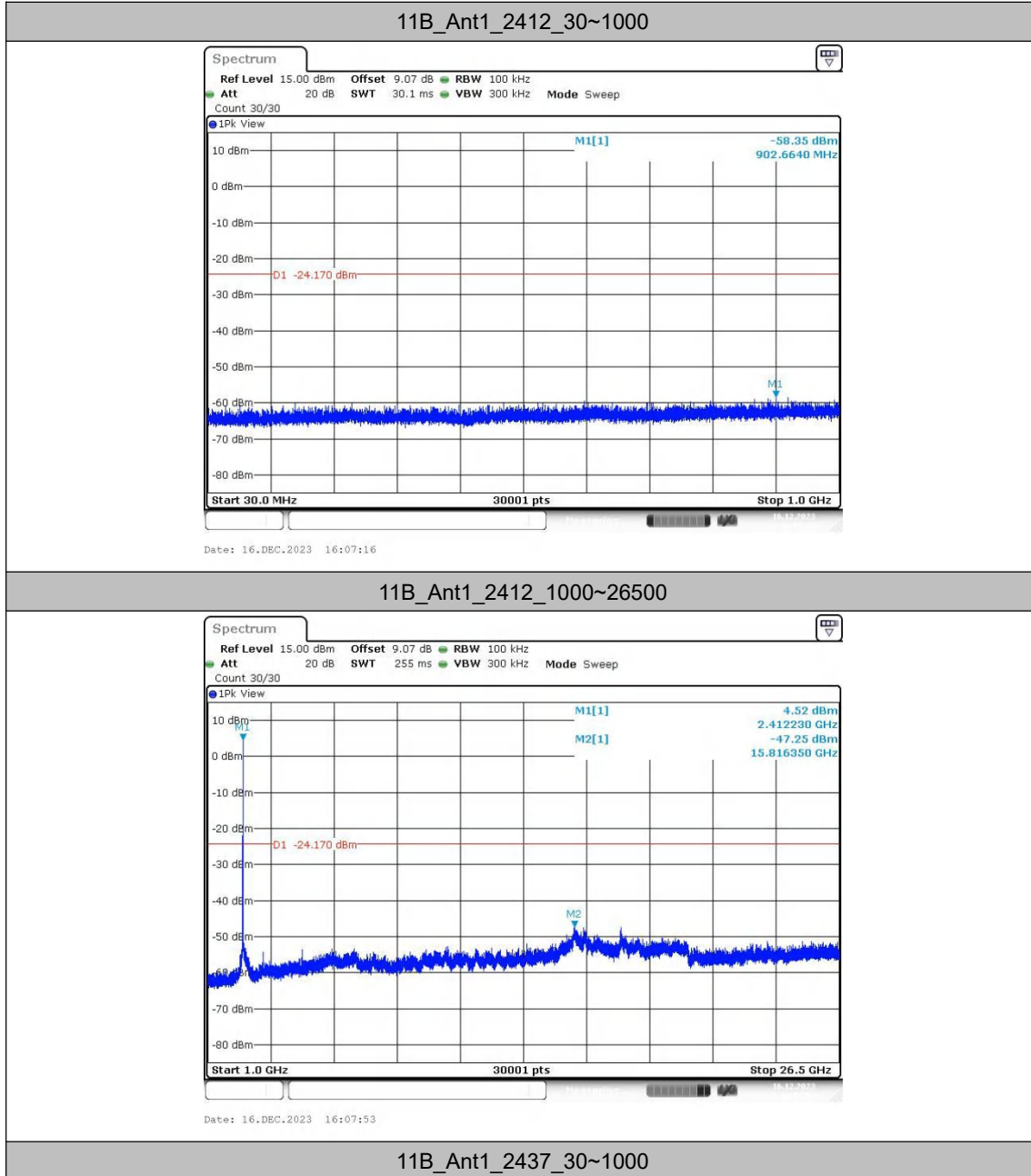
Appendix G: Conducted Spurious Emission

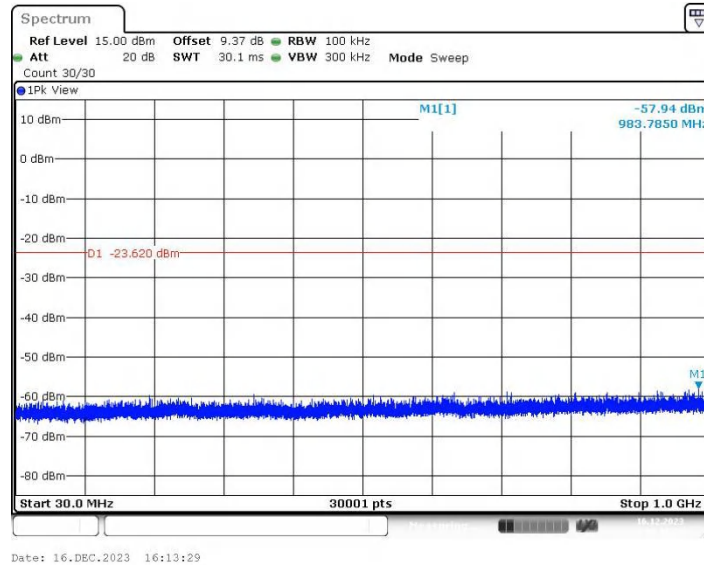
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~1000	5.83	-58.35	≤-24.17	PASS
			1000~26500	5.83	-47.25	≤-24.17	PASS
		2437	30~1000	6.38	-57.94	≤-23.62	PASS
			1000~26500	6.38	-46.84	≤-23.62	PASS
		2462	30~1000	5.87	-58.89	≤-24.13	PASS
			1000~26500	5.87	-47.91	≤-24.13	PASS
11G	Ant1	2412	30~1000	2.07	-58.73	≤-27.93	PASS
			1000~26500	2.07	-47.5	≤-27.93	PASS
		2437	30~1000	3.18	-58.02	≤-26.82	PASS
			1000~26500	3.18	-46.89	≤-26.82	PASS
		2462	30~1000	2.49	-58.1	≤-27.51	PASS
			1000~26500	2.49	-47.5	≤-27.51	PASS
11N20SISO	Ant1	2412	30~1000	1.35	-58.27	≤-28.65	PASS
			1000~26500	1.35	-47.36	≤-28.65	PASS
		2437	30~1000	2.51	-58.62	≤-27.49	PASS
			1000~26500	2.51	-47.06	≤-27.49	PASS
		2462	30~1000	1.48	-58.88	≤-28.52	PASS
			1000~26500	1.48	-47.56	≤-28.52	PASS
11N40SISO	Ant1	2422	30~1000	-0.38	-54.53	≤-30.38	PASS
			1000~26500	-0.38	-47.9	≤-30.38	PASS
		2437	30~1000	-0.23	-56.09	≤-30.23	PASS
			1000~26500	-0.23	-46.22	≤-30.23	PASS
		2452	30~1000	-1.08	-56.55	≤-31.08	PASS
			1000~26500	-1.08	-46.63	≤-31.08	PASS

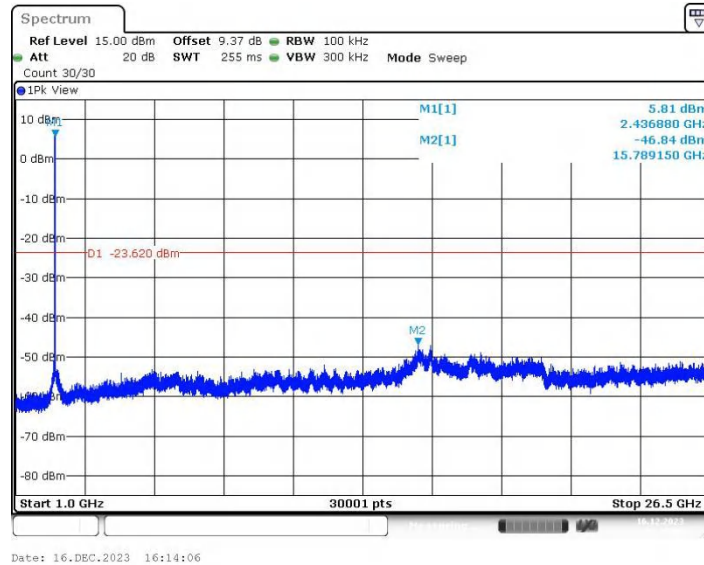


Test Graphs

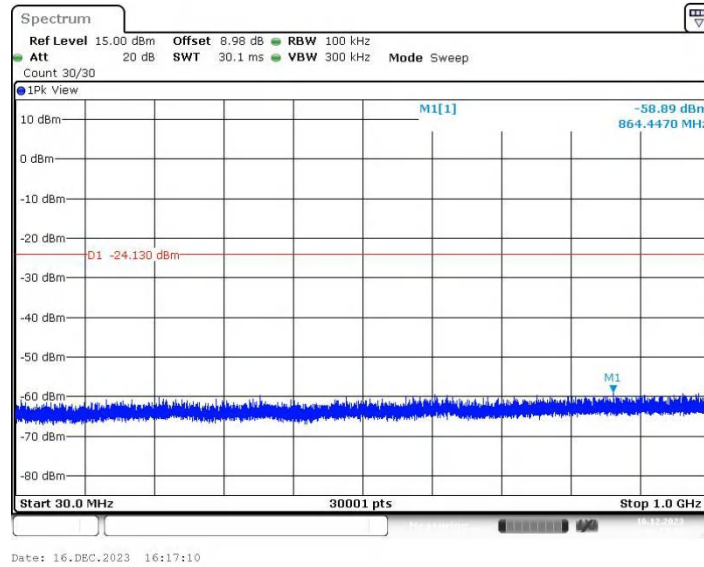




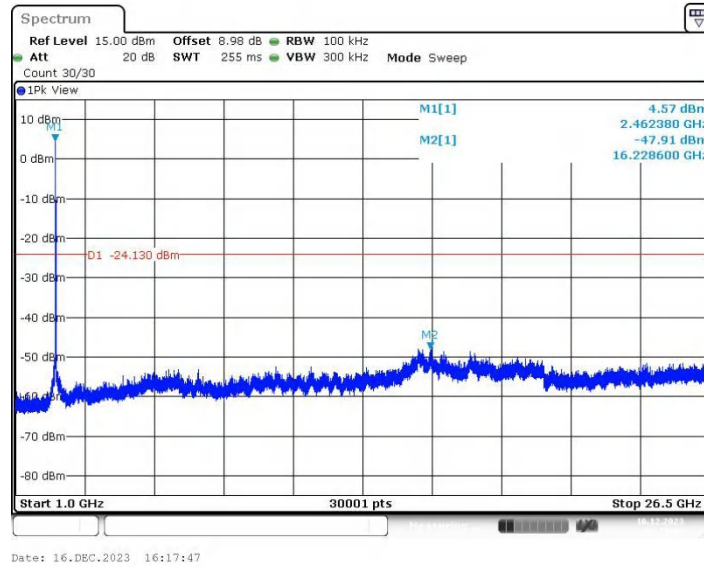
11B_Ant1_2437_1000~26500



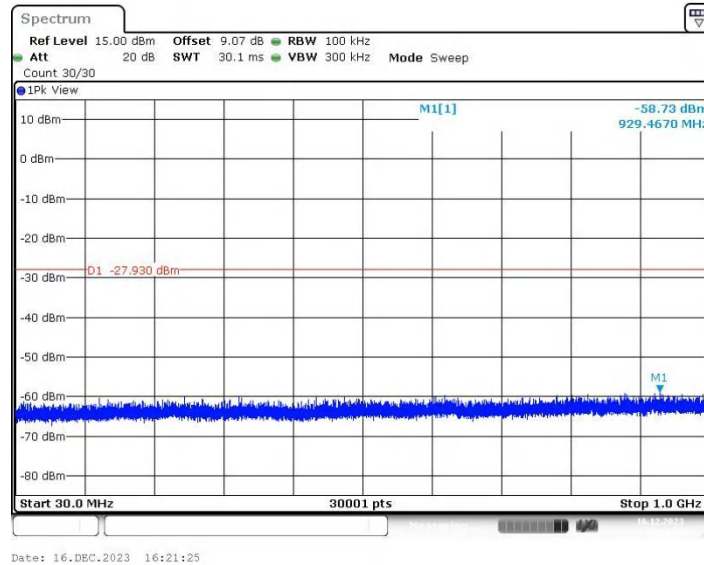
11B_Ant1_2462_30~1000



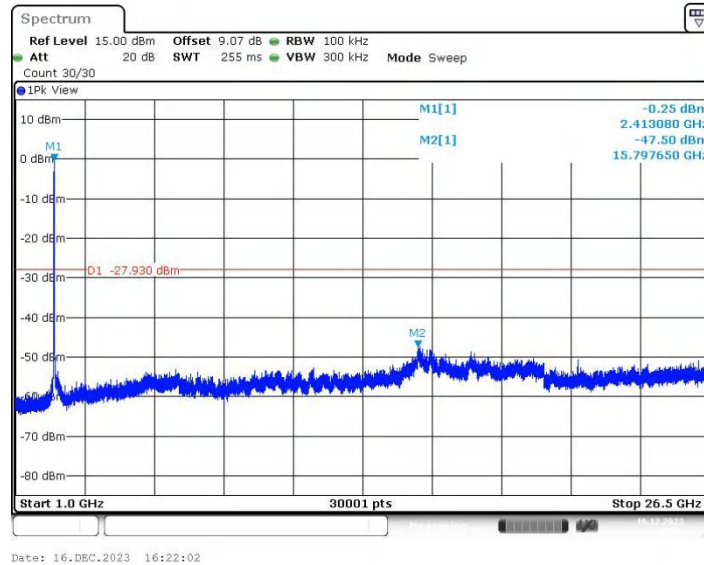
11B_Ant1_2462_1000~26500



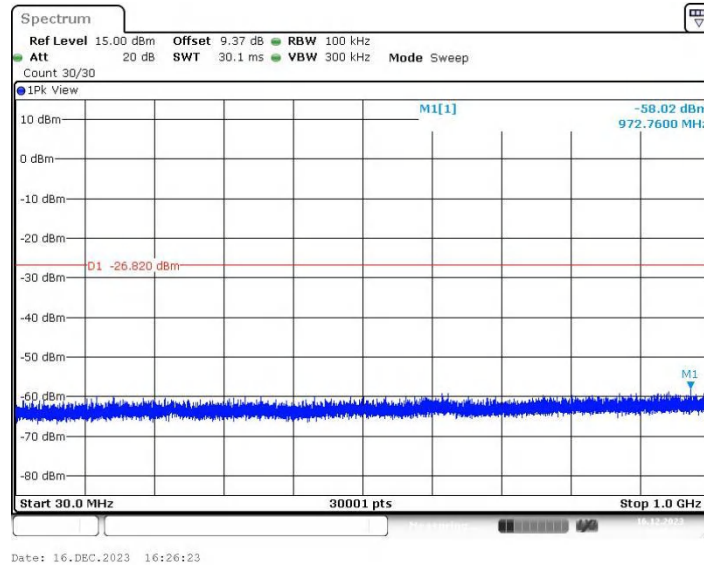
11G_Ant1_2412_30~1000



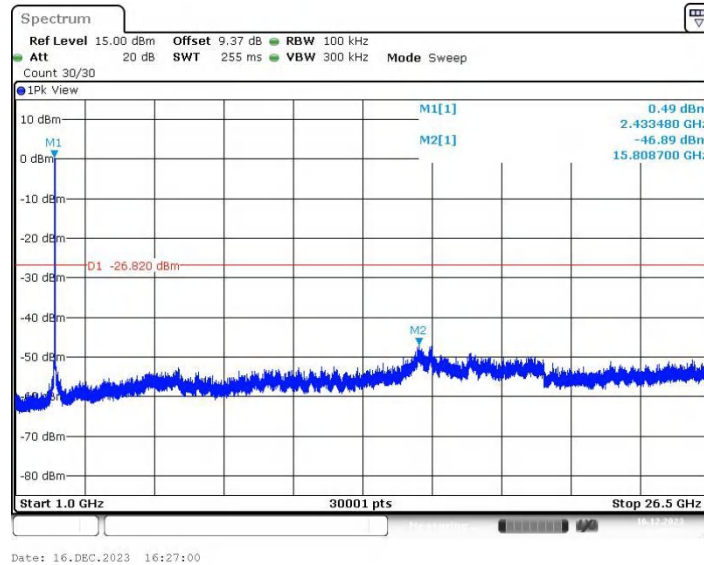
11G_Ant1_2412_1000~26500



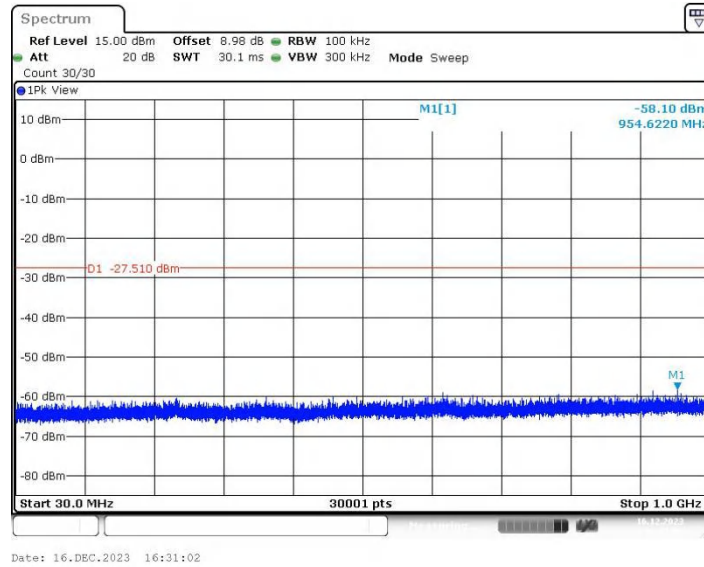
11G_Ant1_2437_30~1000



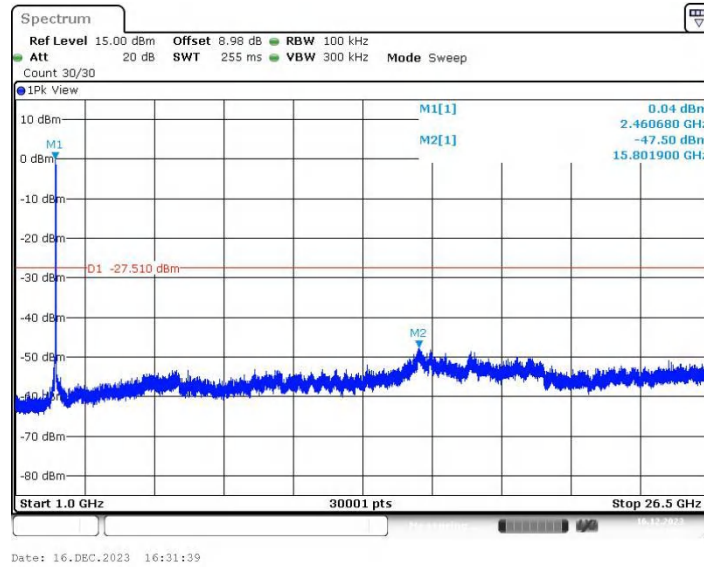
11G_Ant1_2437_1000~26500



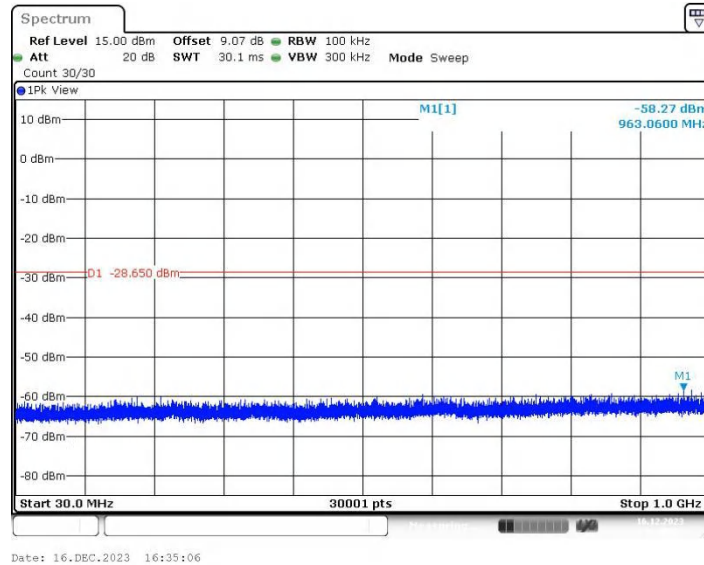
11G_Ant1_2462_30~1000



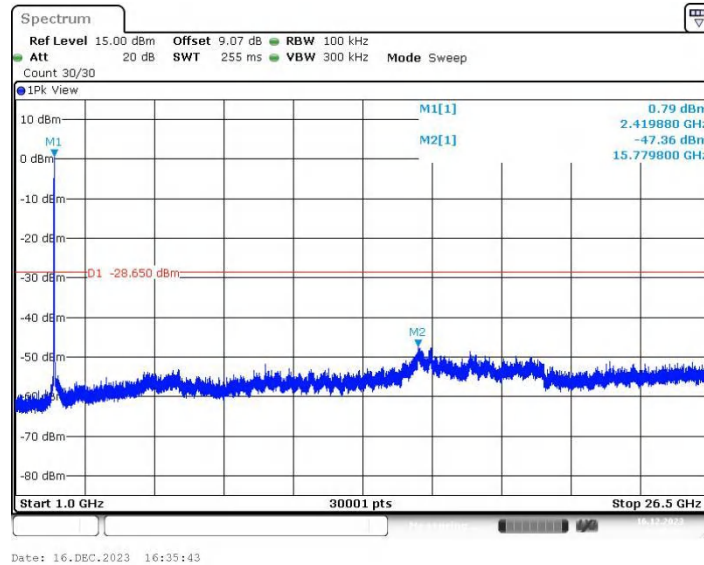
11G_Ant1_2462_1000~26500



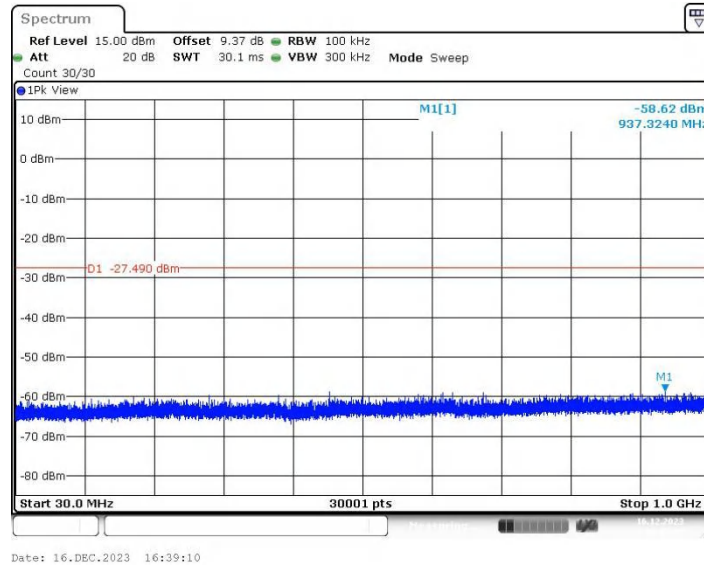
11N20SISO_Ant1_2412_30~1000



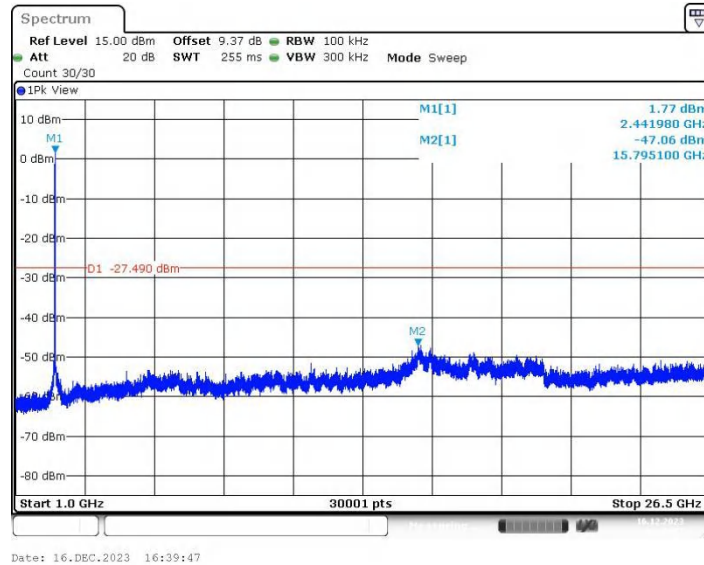
11N20SISO_Ant1_2412_1000~26500



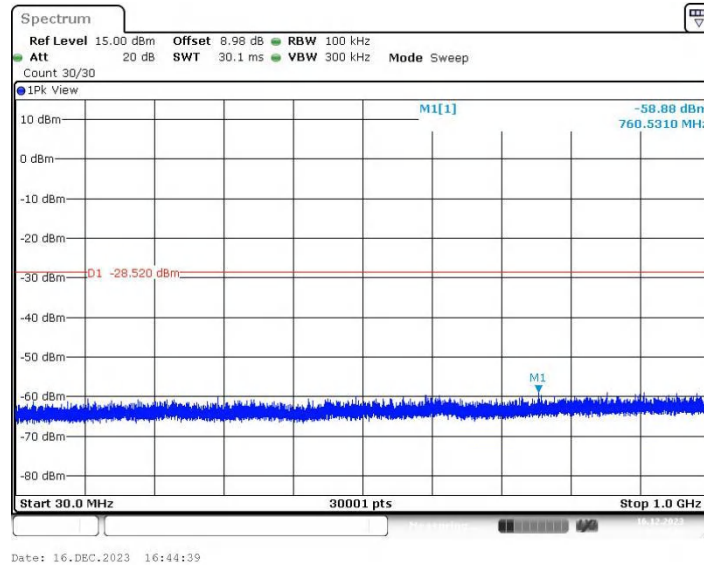
11N20SISO_Ant1_2437_30~1000



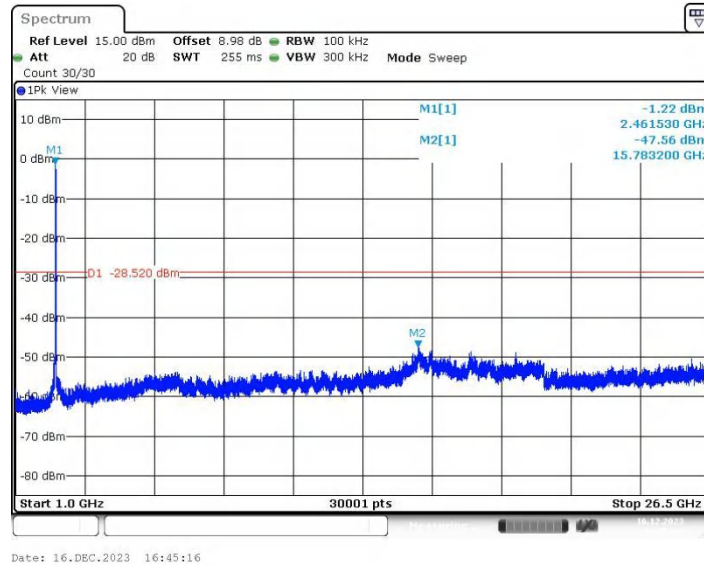
11N20SISO_Ant1_2437_1000~26500



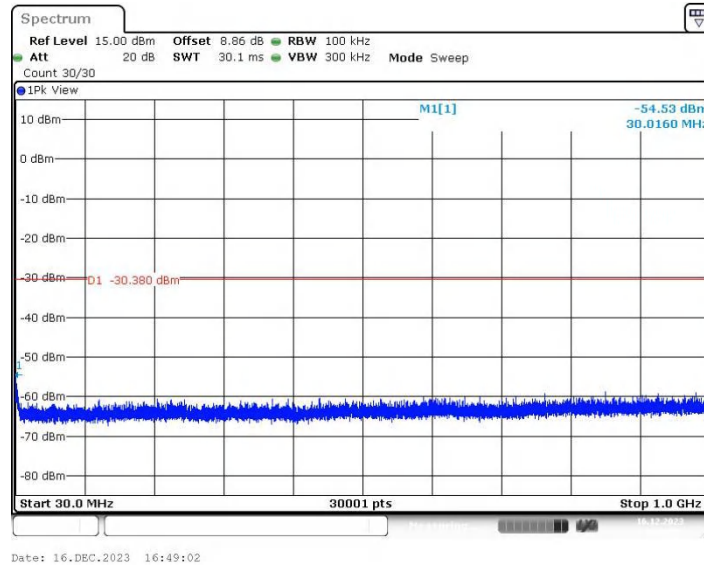
11N20SISO_Ant1_2462_30~1000



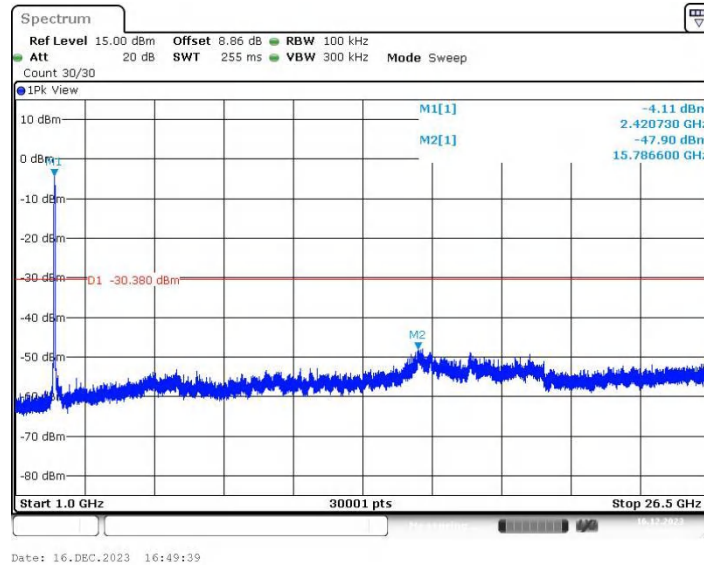
11N20SISO_Ant1_2462_1000~26500



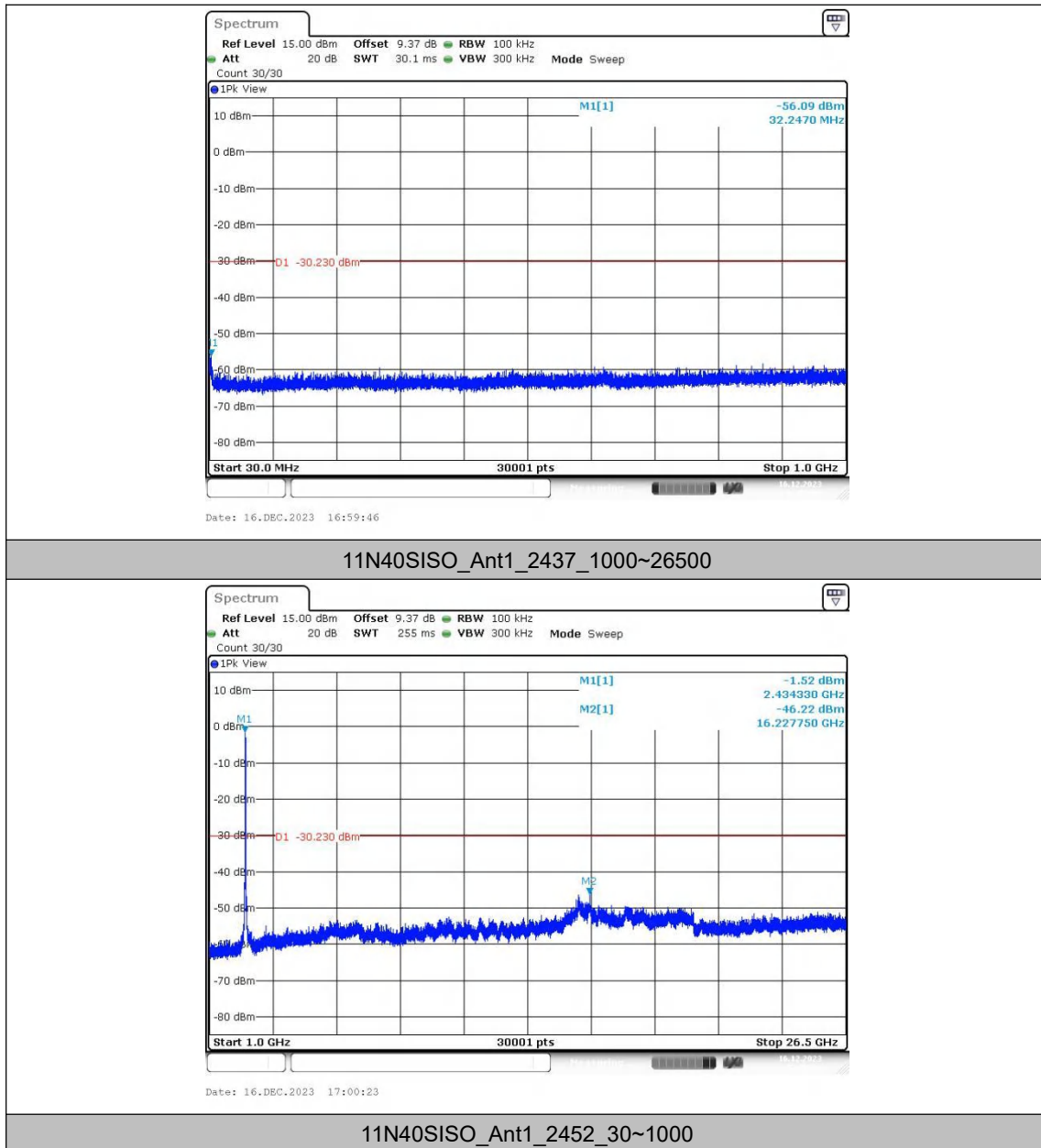
11N40SISO_Ant1_2422_30~1000

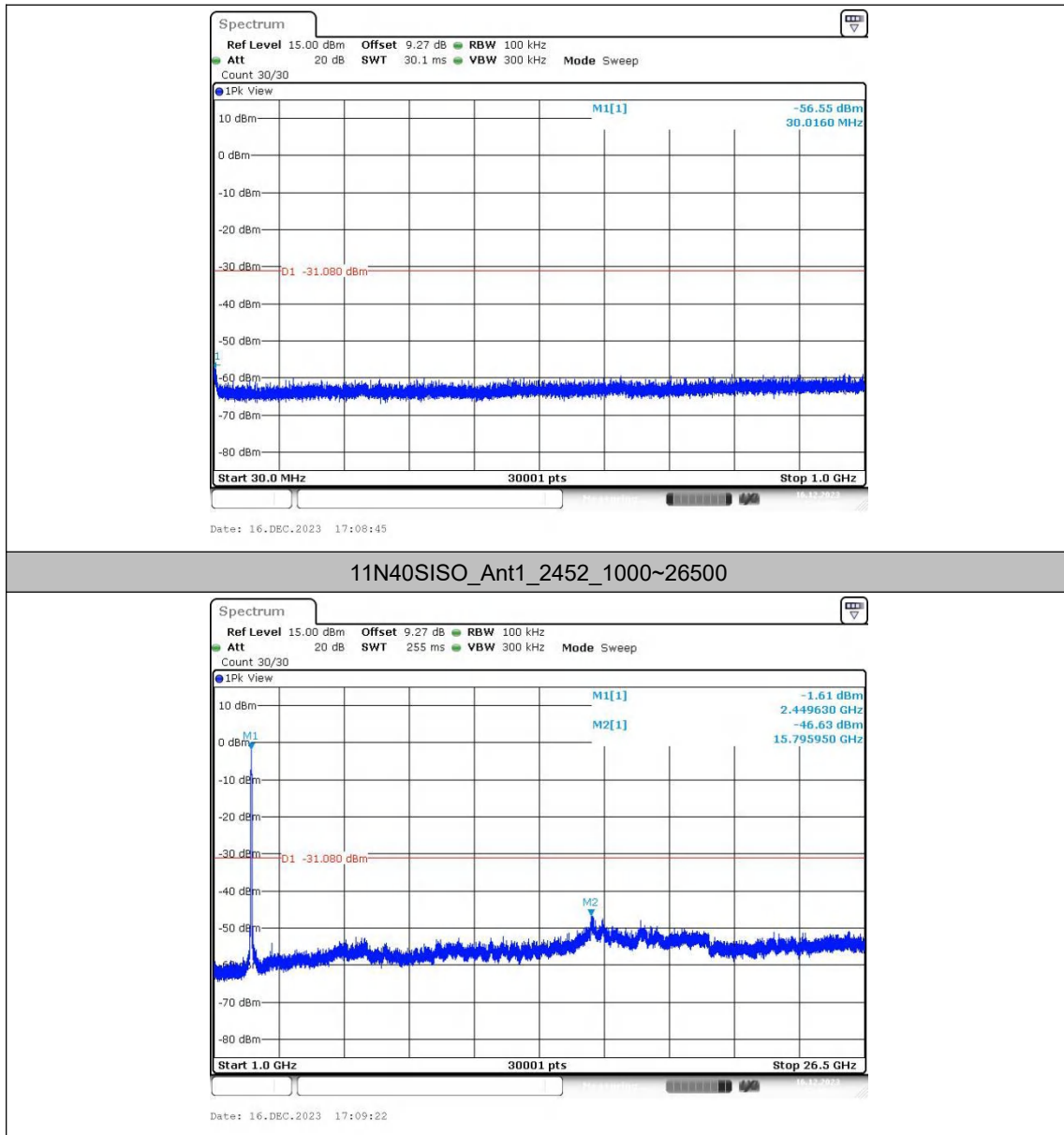


11N40SISO_Ant1_2422_1000~26500



11N40SISO_Ant1_2437_30~1000







Appendix H: Duty Cycle

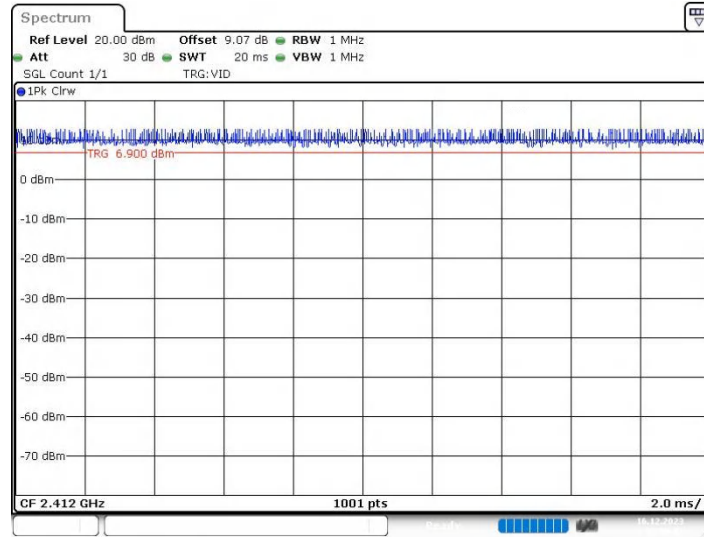
Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	20.00	20.00	100.00
		2437	20.00	20.00	100.00
		2462	20.00	20.00	100.00
11G	Ant1	2412	5.49	5.52	99.46
		2437	5.49	5.51	99.64
		2462	5.49	5.51	99.64
11N20SISO	Ant1	2412	5.09	5.11	99.61
		2437	5.08	5.11	99.41
		2462	5.09	5.11	99.61
11N40SISO	Ant1	2422	2.47	2.50	98.80
		2437	2.47	2.50	98.80
		2452	2.47	2.50	98.80

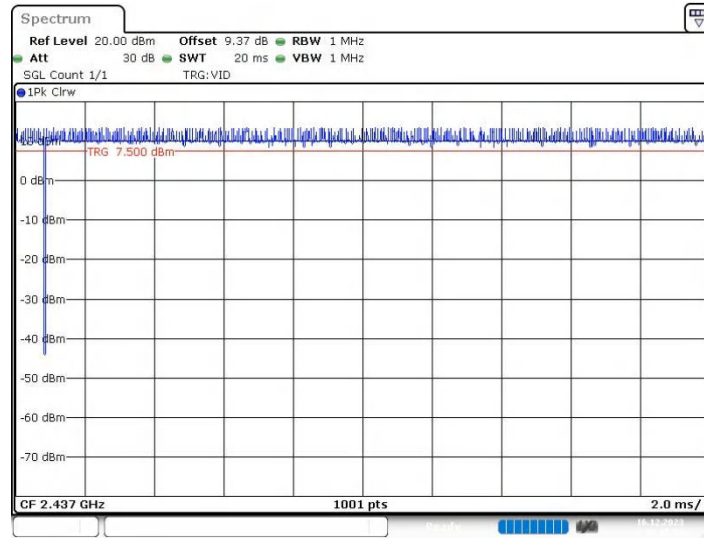


Test Graphs

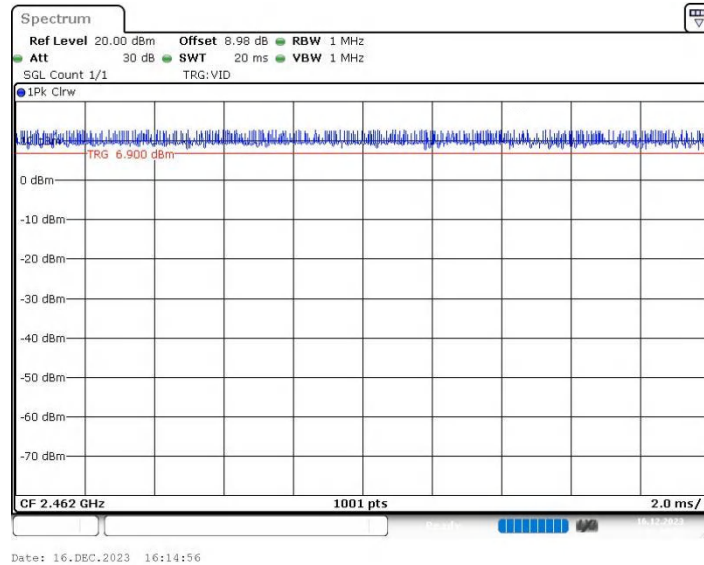
11B_Ant1_2412



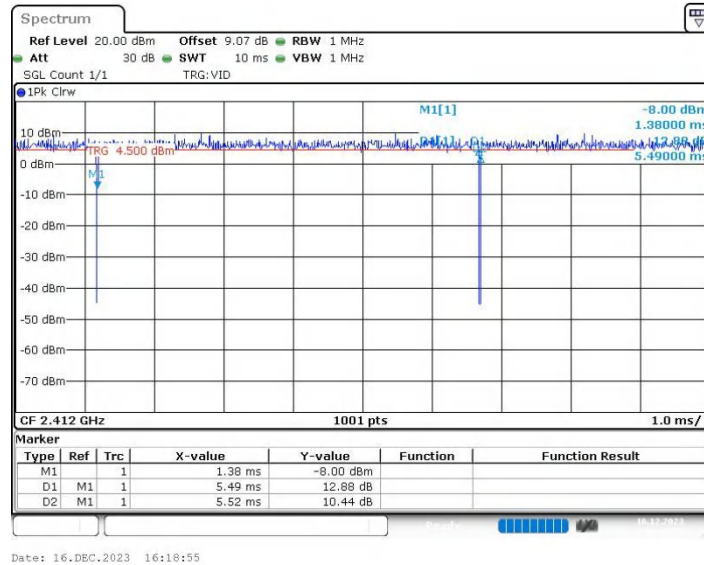
11B_Ant1_2437



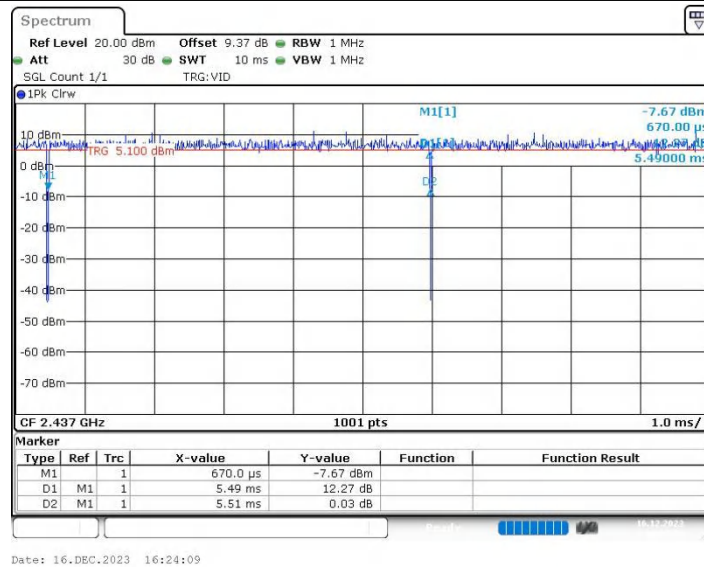
11B_Ant1_2462



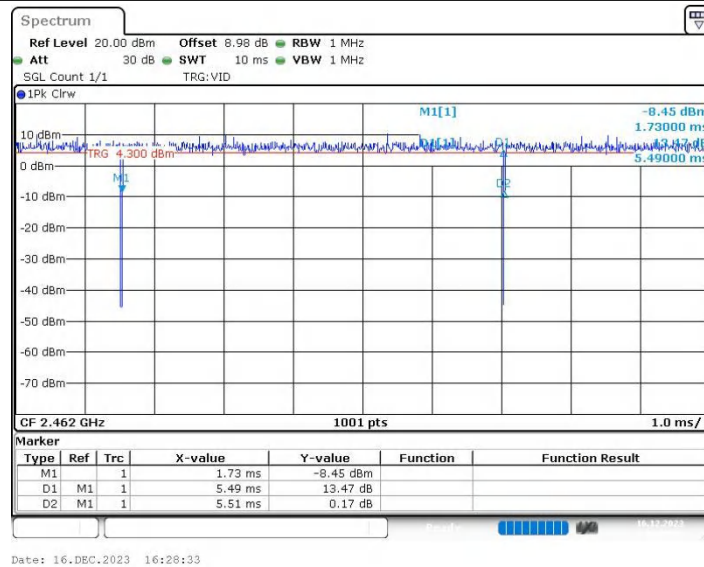
11G_Ant1_2412



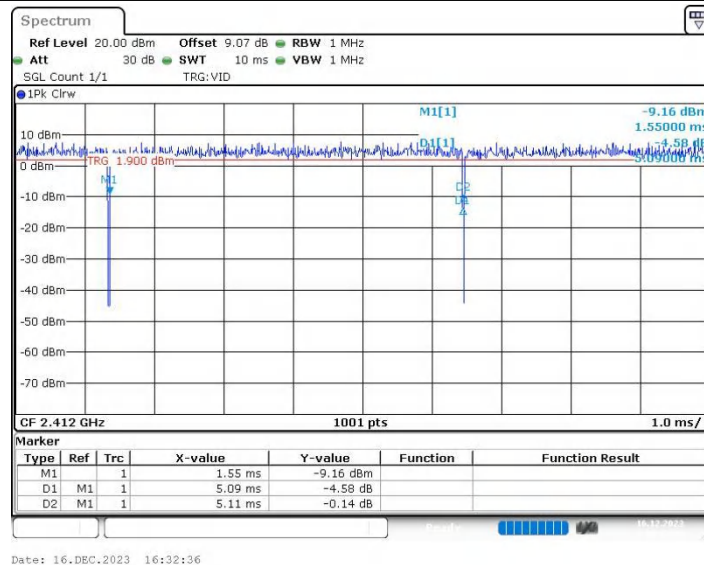
11G_Ant1_2437



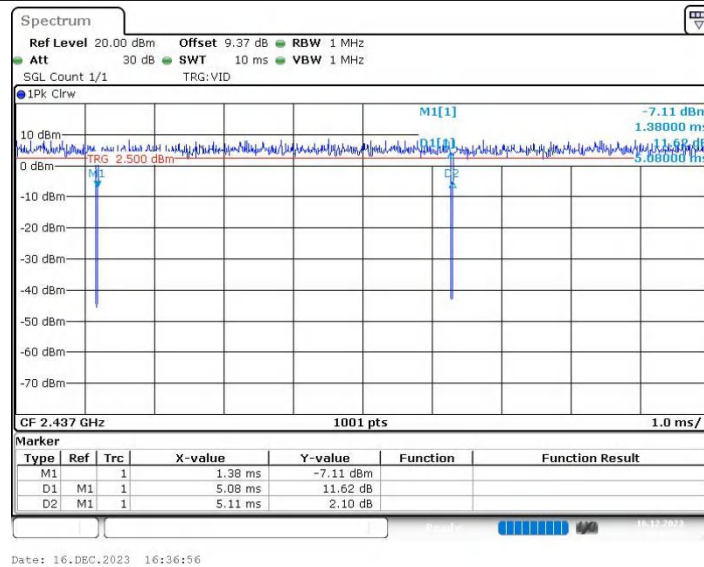
11G_Ant1_2462



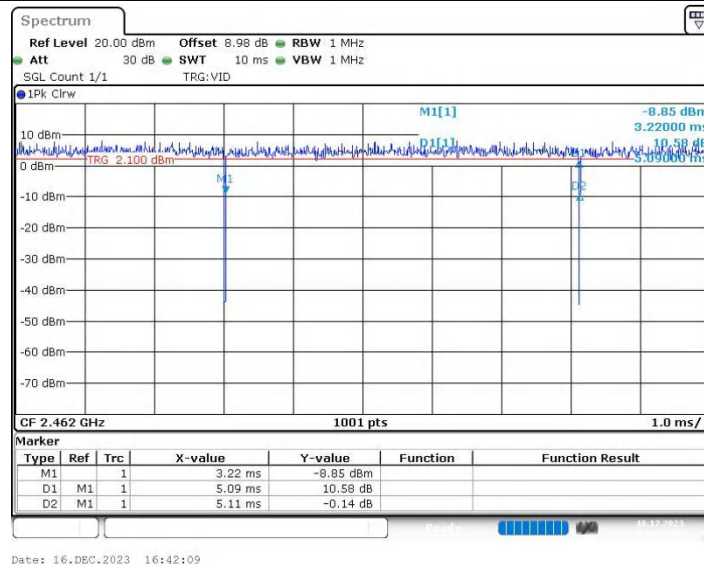
11N20SISO_Ant1_2412



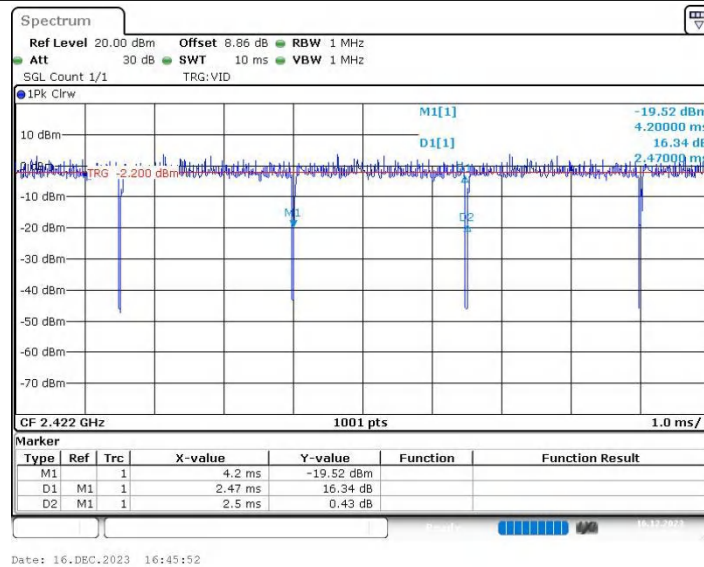
11N20SISO_Ant1_2437



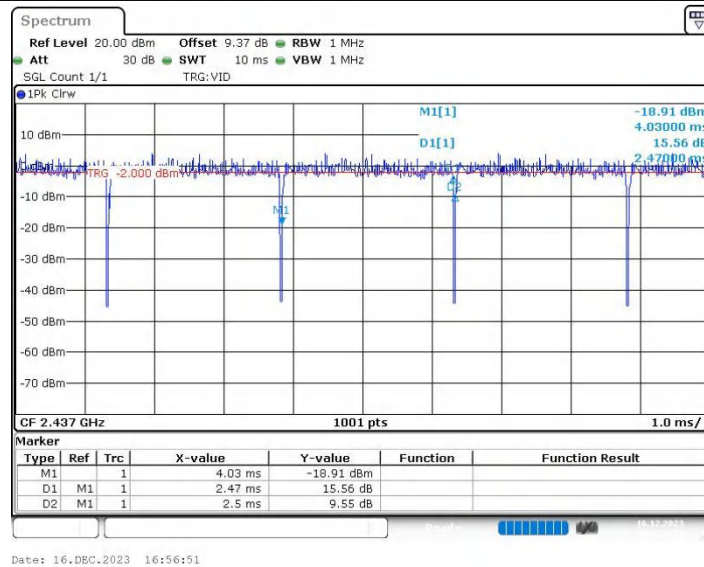
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

