



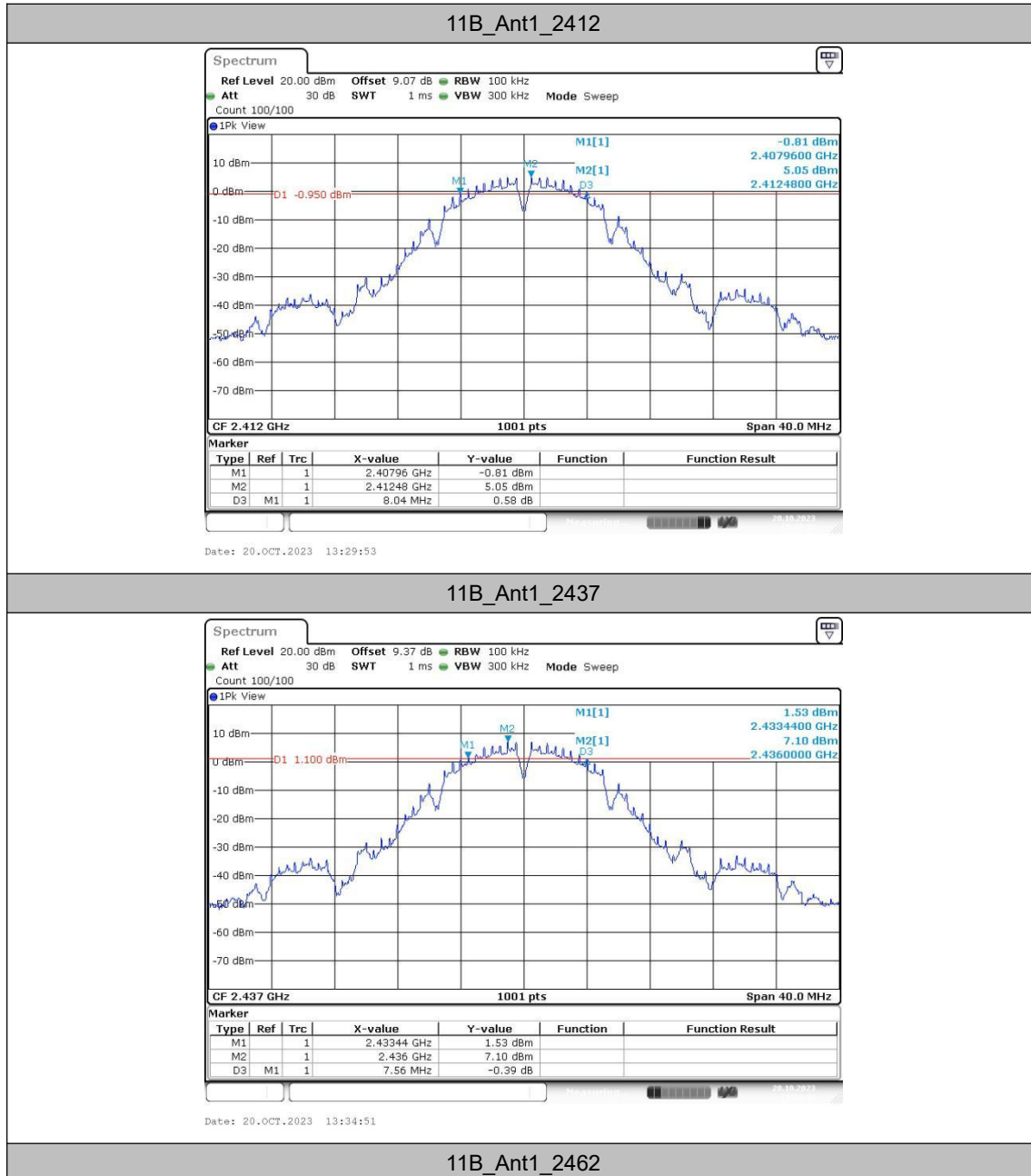
Appendix A: DTS Bandwidth

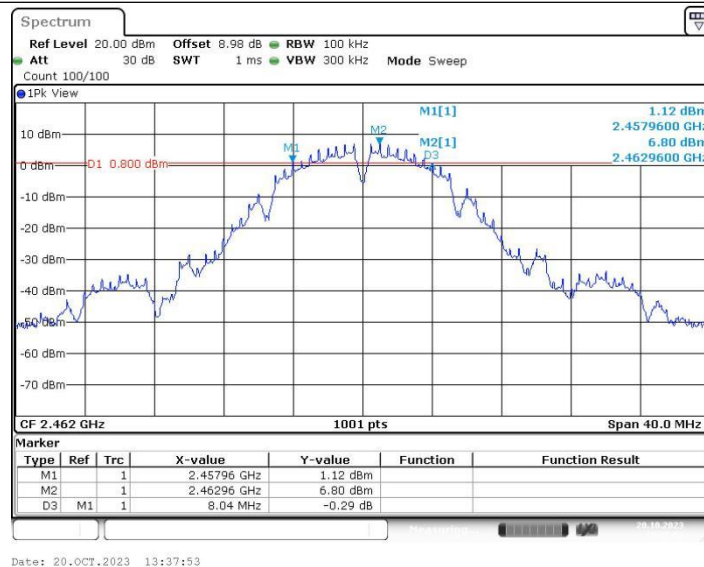
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.04	2407.96	2416.00	0.5	PASS
		2437	7.56	2433.44	2441.00	0.5	PASS
		2462	8.04	2457.96	2466.00	0.5	PASS
11G	Ant1	2412	15.48	2404.40	2419.88	0.5	PASS
		2437	15.16	2429.40	2444.56	0.5	PASS
		2462	15.08	2454.48	2469.56	0.5	PASS
11N20SISO	Ant1	2412	15.96	2404.40	2420.36	0.5	PASS
		2437	15.16	2429.40	2444.56	0.5	PASS
		2462	15.12	2454.44	2469.56	0.5	PASS

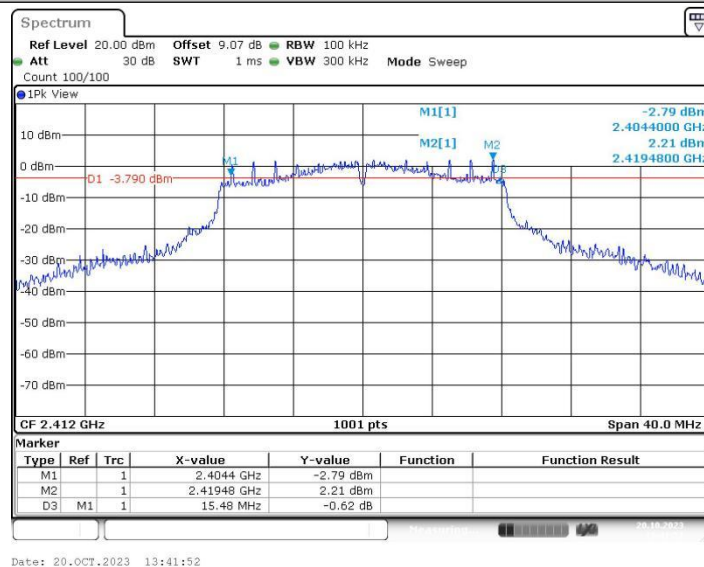


Test Graphs

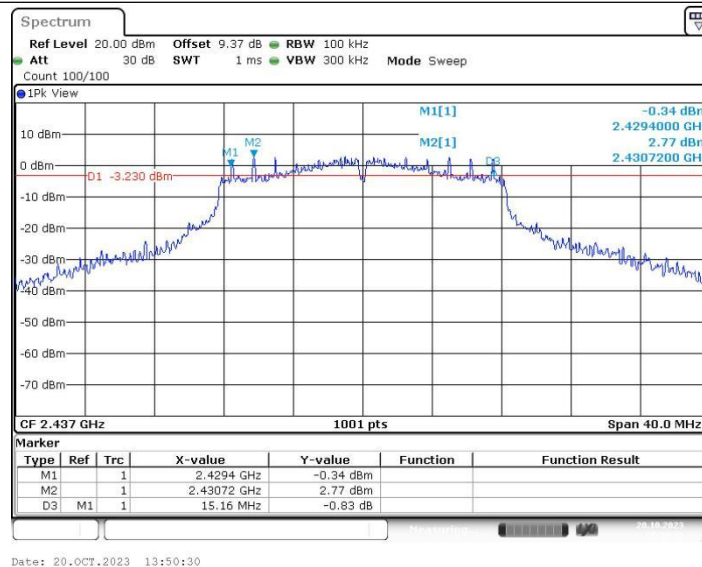




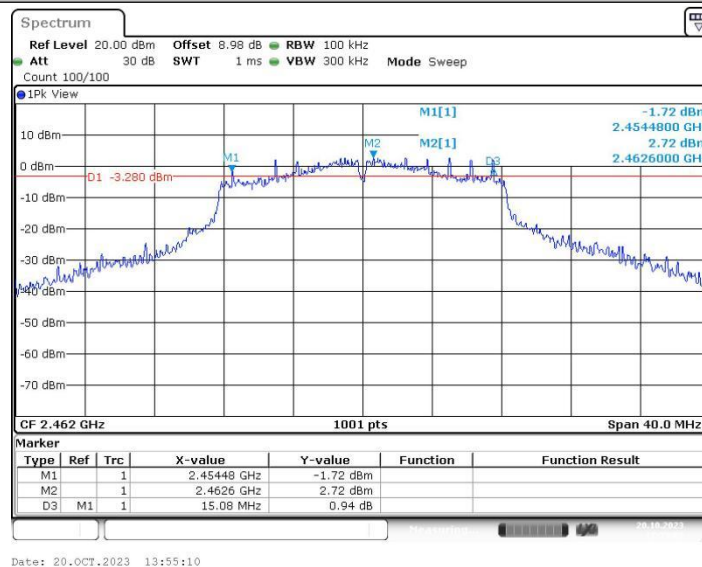
11G_Ant1_2412



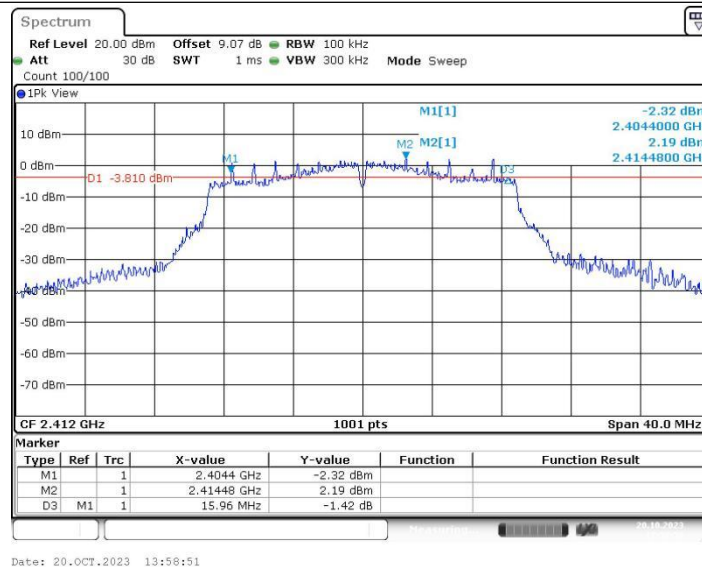
11G_Ant1_2437



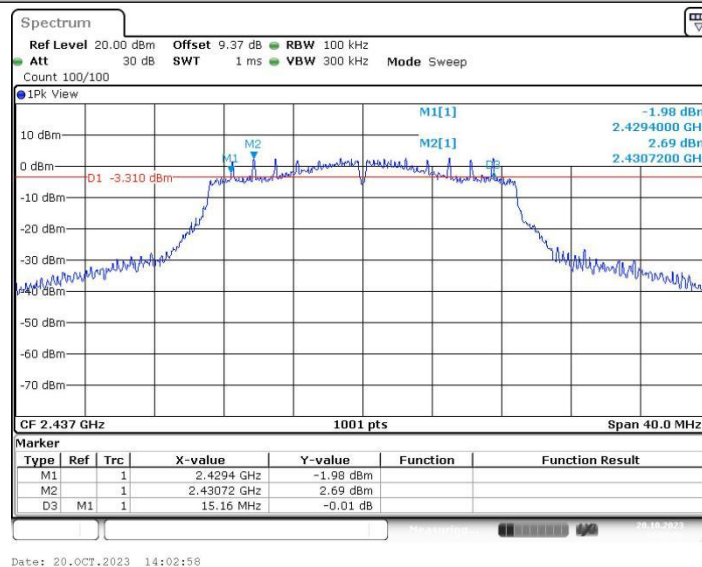
11G_Ant1_2462



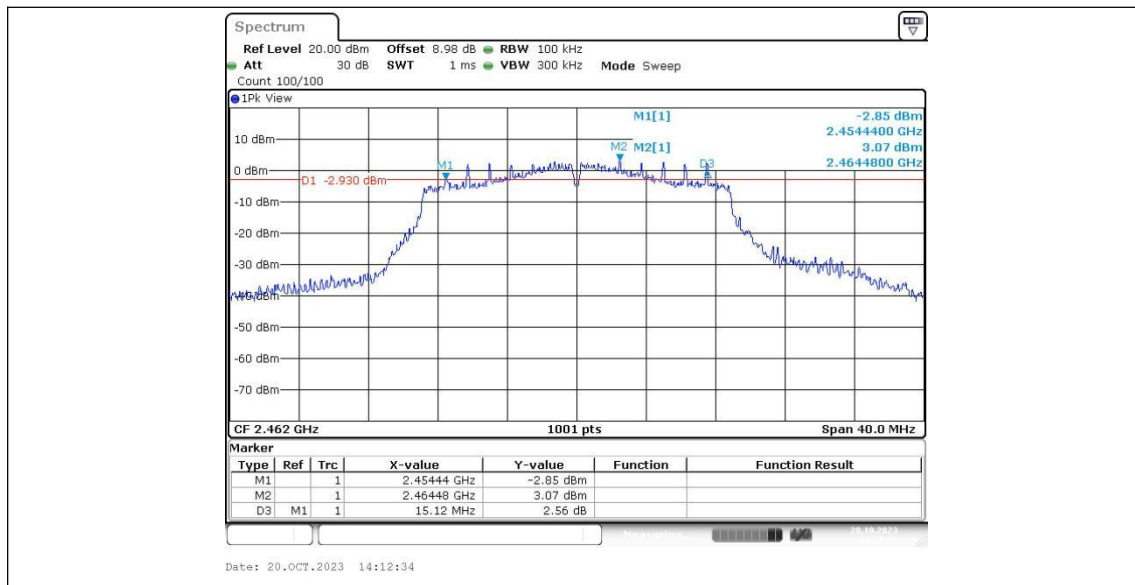
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462





Appendix B: Occupied Channel Bandwidth

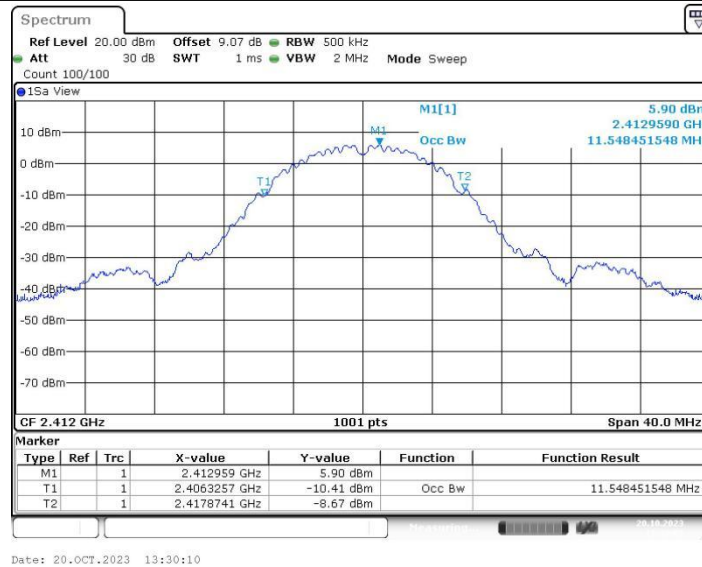
Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.548	2406.326	2417.874	---	---
		2437	11.668	2431.166	2442.834	---	---
		2462	11.668	2456.286	2467.954	---	---
11G	Ant1	2412	17.782	2403.209	2420.991	---	---
		2437	17.742	2428.129	2445.871	---	---
		2462	17.582	2453.329	2470.911	---	---
11N20SISO	Ant1	2412	18.501	2402.849	2421.351	---	---
		2437	18.462	2427.769	2446.231	---	---
		2462	18.222	2452.969	2471.191	---	---

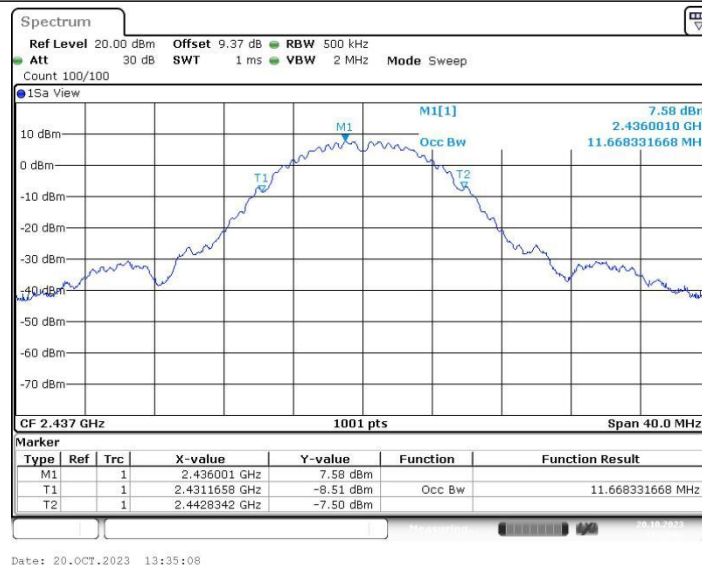


Test Graphs

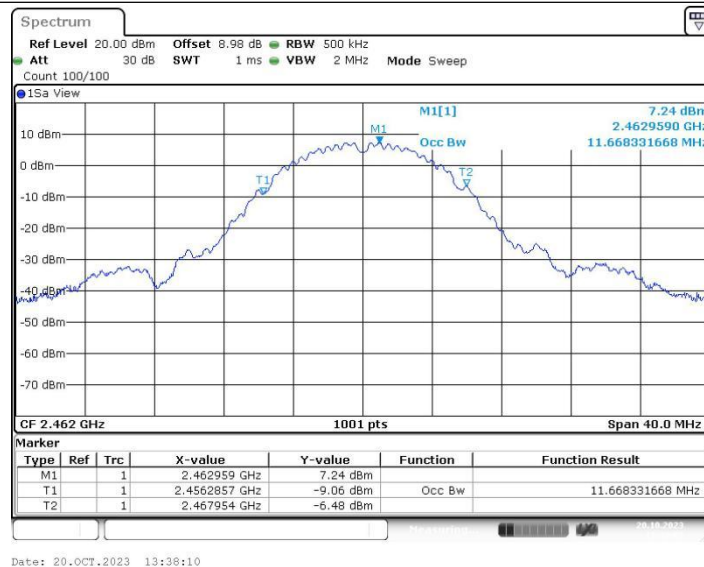
11B_Ant1_2412



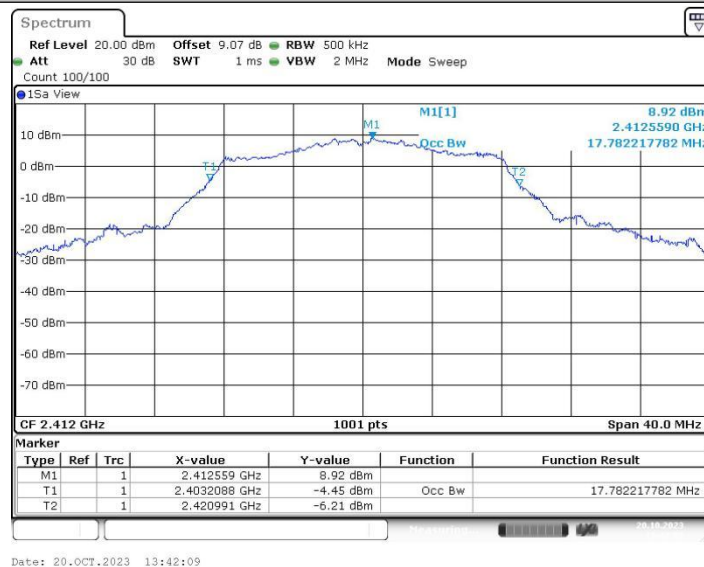
11B_Ant1_2437



11B_Ant1_2462



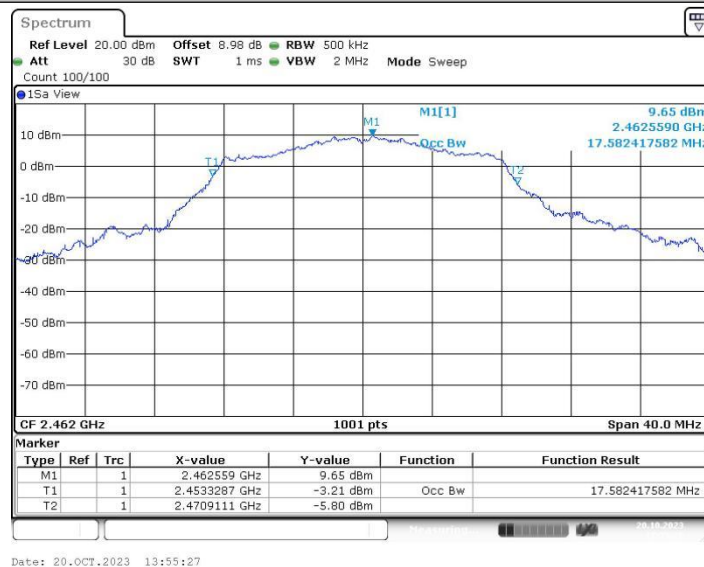
11G_Ant1_2412



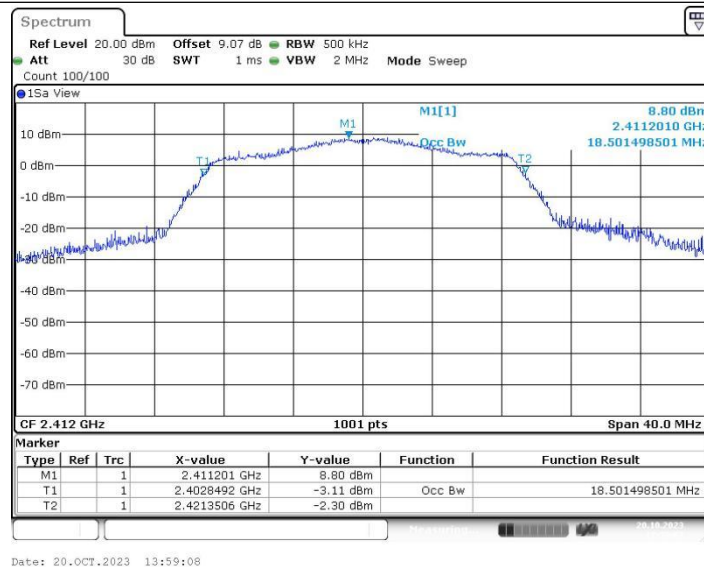
11G_Ant1_2437



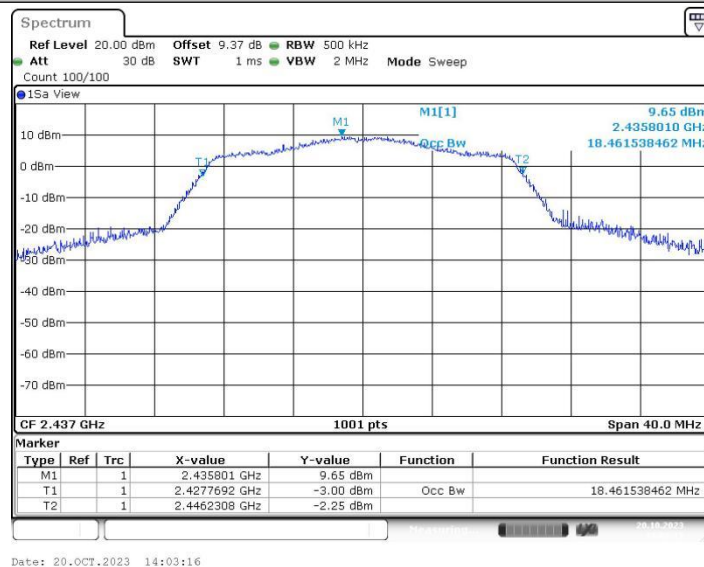
11G_Ant1_2462



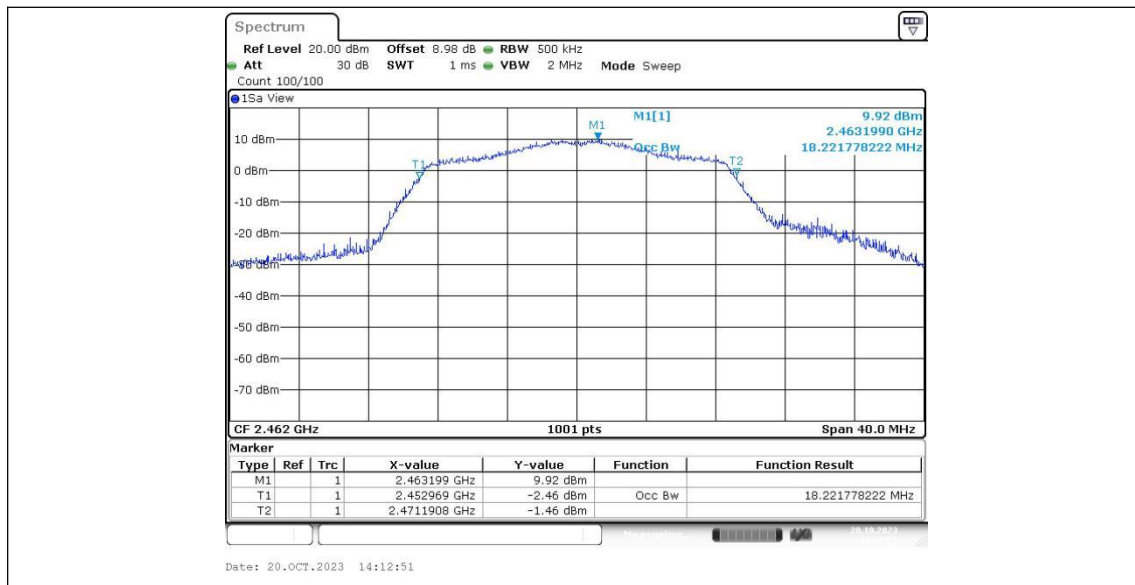
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462





Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequen cy[MHz]	Set Power	Peak Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	---	17.00	≤30.00	19.75	≤36.00	PASS
		2437	---	17.52	≤30.00	20.27	≤36.00	PASS
		2462	---	17.38	≤30.00	20.13	≤36.00	PASS
11G	Ant1	2412	---	18.14	≤30.00	20.89	≤36.00	PASS
		2437	---	18.78	≤30.00	21.53	≤36.00	PASS
		2462	---	18.65	≤30.00	21.40	≤36.00	PASS
11N20SIS O	Ant1	2412	---	19.21	≤30.00	21.96	≤36.00	PASS
		2437	---	19.82	≤30.00	22.57	≤36.00	PASS
		2462	---	19.59	≤30.00	22.34	≤36.00	PASS

Test Result Average

Test Mode	Antenna	Frequenc y[MHz]	Average power [dBm]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	13.79	0	13.79	≤30.00	2.75	16.54	≤36.00	PASS
		2437	13.87	0	13.87	≤30.00	2.75	16.62	≤36.00	PASS
		2462	13.80	0	13.80	≤30.00	2.75	16.55	≤36.00	PASS
11G	Ant1	2412	9.32	0	9.32	≤30.00	2.75	12.07	≤36.00	PASS
		2437	9.16	0	9.16	≤30.00	2.75	11.91	≤36.00	PASS
		2462	9.28	0	9.28	≤30.00	2.75	12.03	≤36.00	PASS
11N20SI SO	Ant1	2412	10.16	0	10.16	≤30.00	2.75	12.91	≤36.00	PASS
		2437	10.12	0	10.12	≤30.00	2.75	12.87	≤36.00	PASS
		2462	10.08	0	10.08	≤30.00	2.75	12.83	≤36.00	PASS



Appendix D: Maximum power spectral density

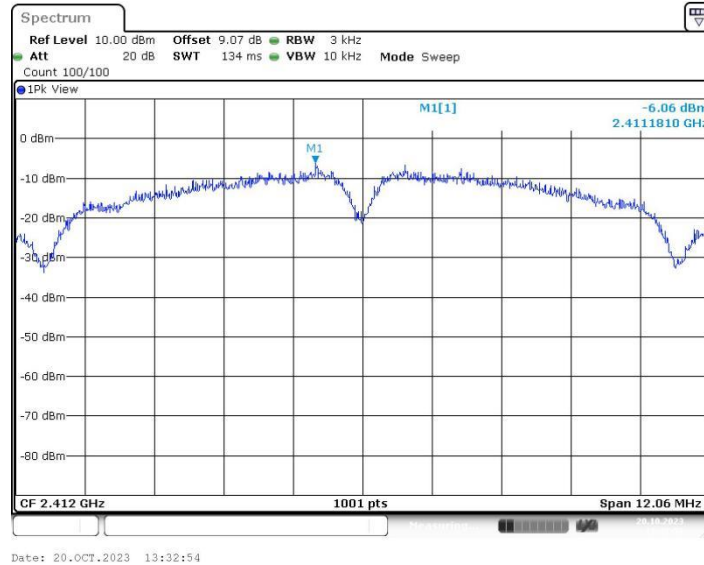
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-6.06	≤8.00	PASS
		2437	-6.69	≤8.00	PASS
		2462	-6.74	≤8.00	PASS
11G	Ant1	2412	-12.22	≤8.00	PASS
		2437	-11.47	≤8.00	PASS
		2462	-11.2	≤8.00	PASS
11N20SISO	Ant1	2412	-10.78	≤8.00	PASS
		2437	-9.72	≤8.00	PASS
		2462	-10.67	≤8.00	PASS

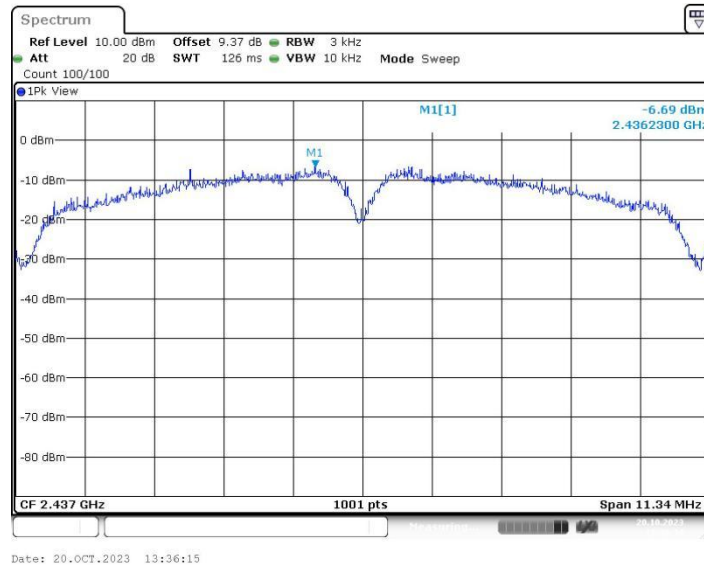


Test Graphs

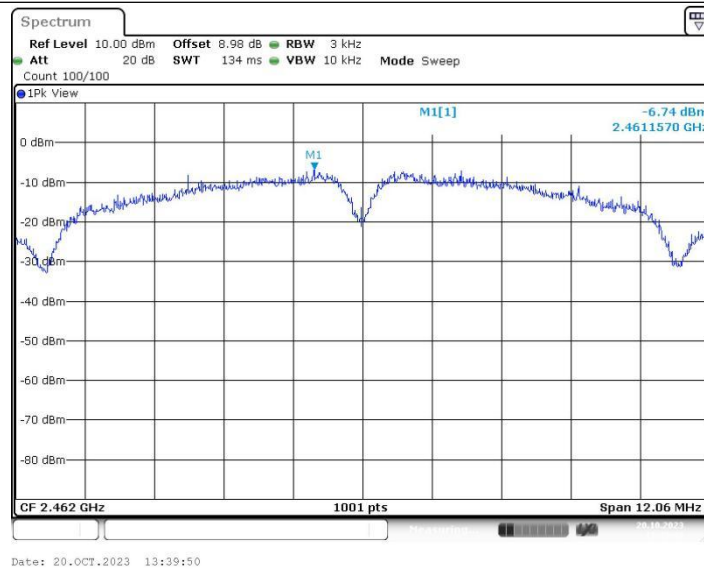
11B_Ant1_2412



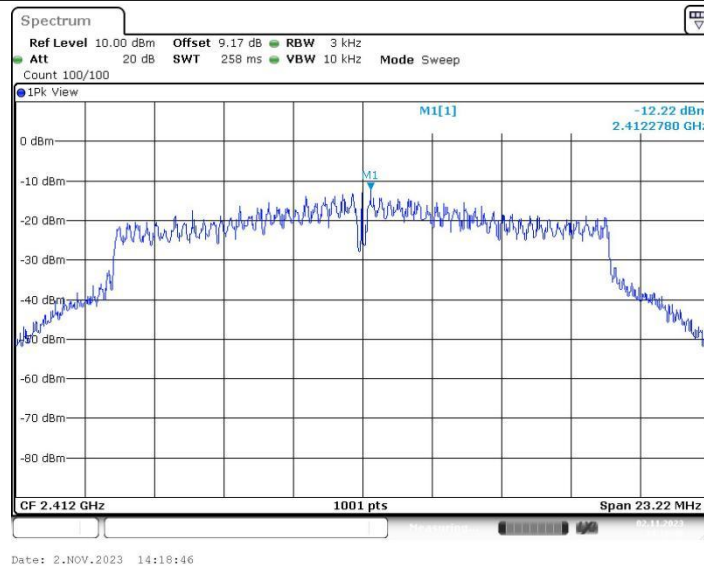
11B_Ant1_2437



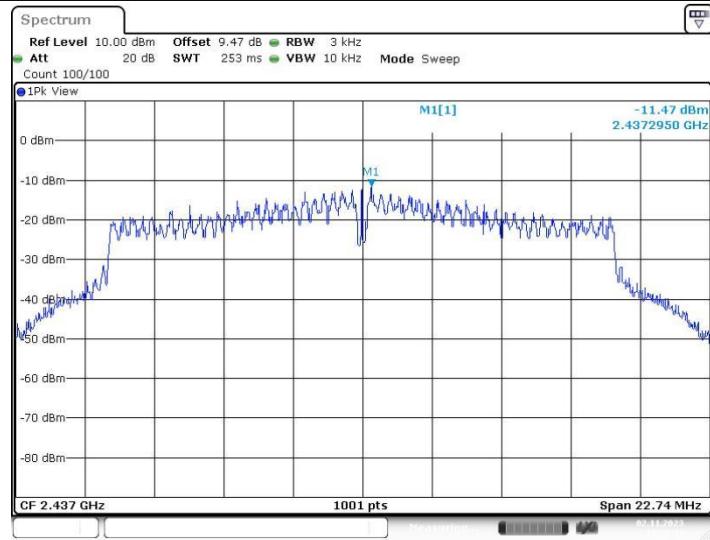
11B_Ant1_2462



11G_Ant1_2412

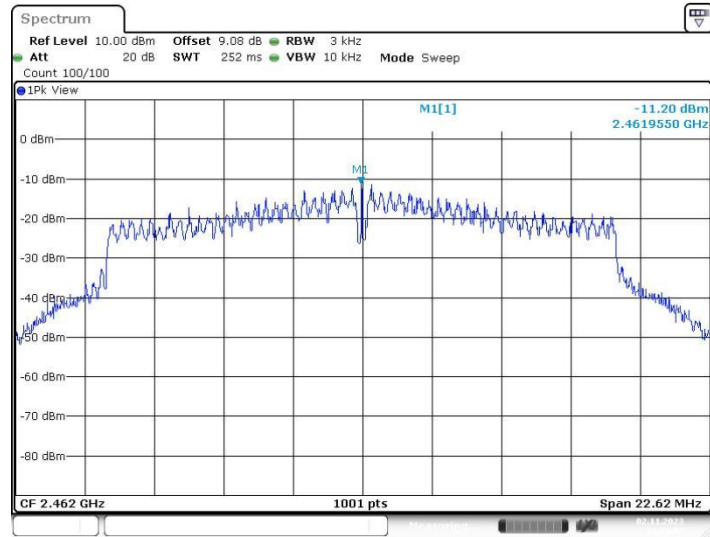


11G_Ant1_2437



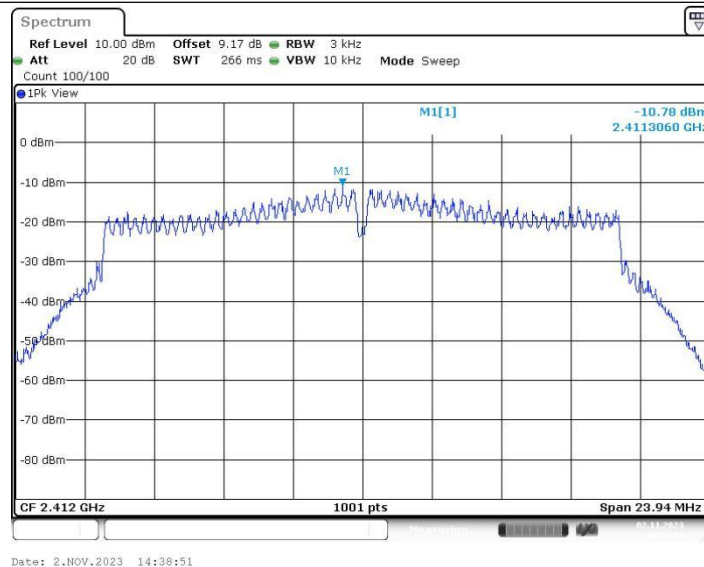
Date: 2.NOV.2023 14:21:13

11G_Ant1_2462

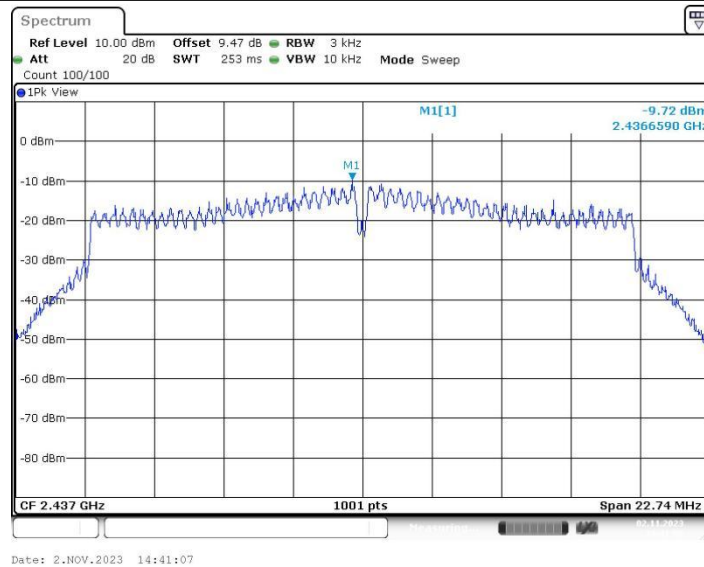


Date: 2.NOV.2023 14:25:08

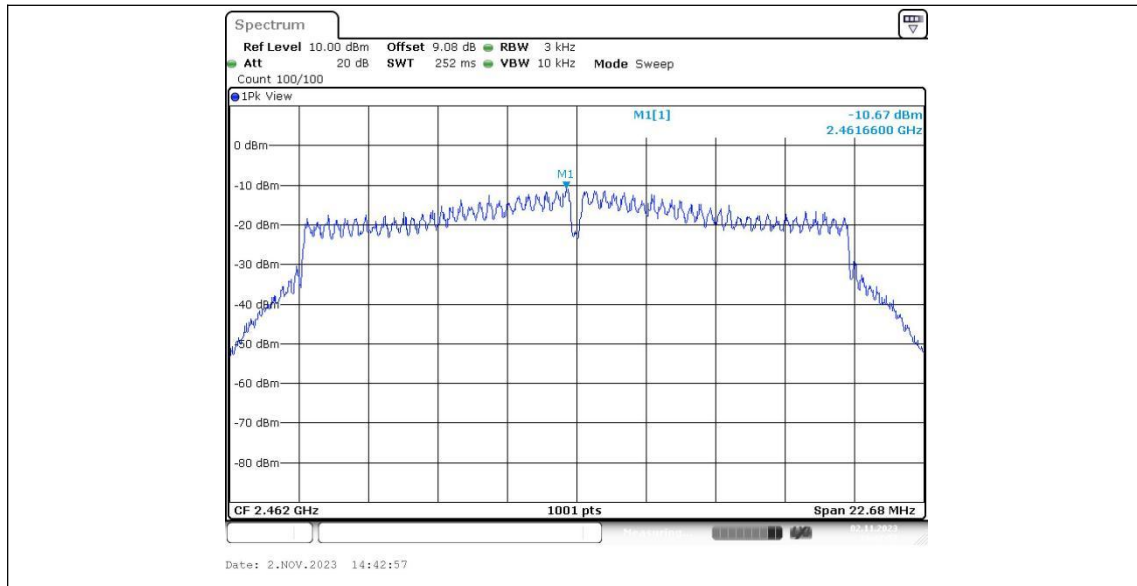
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462





Appendix E: Reference level measurement

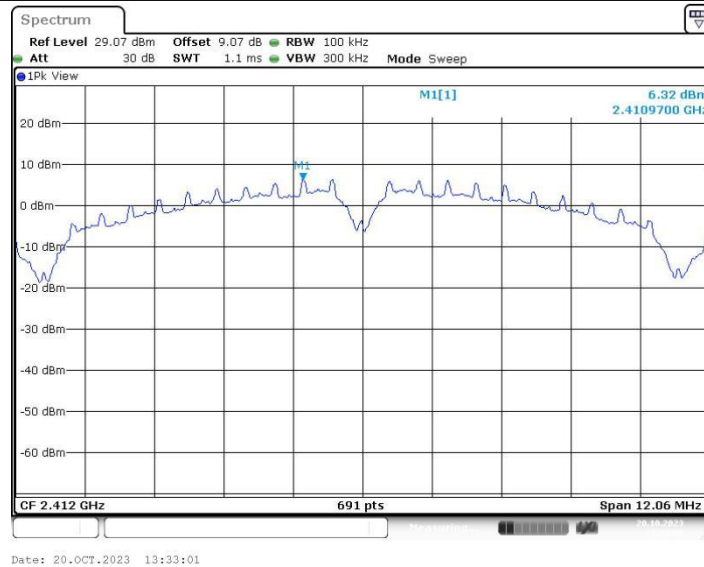
Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2410.97	6.32
		2437	2437.48	7.06
		2462	2462.98	6.88
11G	Ant1	2412	2419.46	-0.90
		2437	2435.98	-0.54
		2462	2462.62	-0.63
11N20SISO	Ant1	2412	2416.99	0.10
		2437	2439.47	0.60
		2462	2463.25	0.38

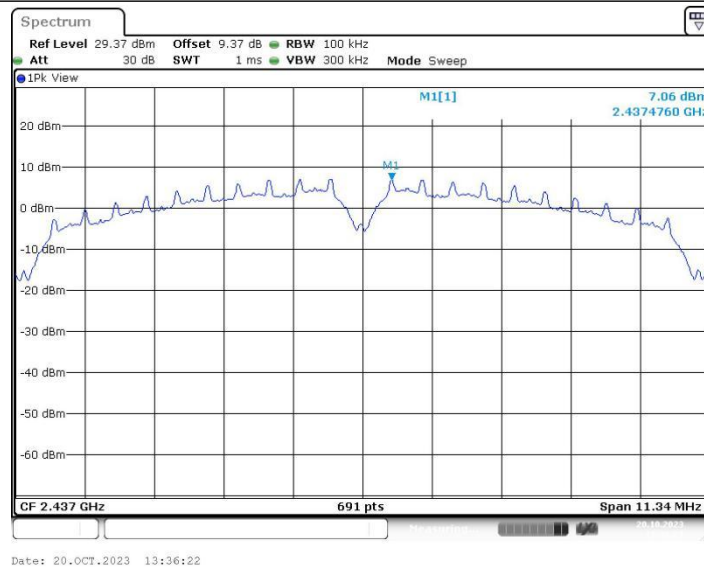


Test Graphs

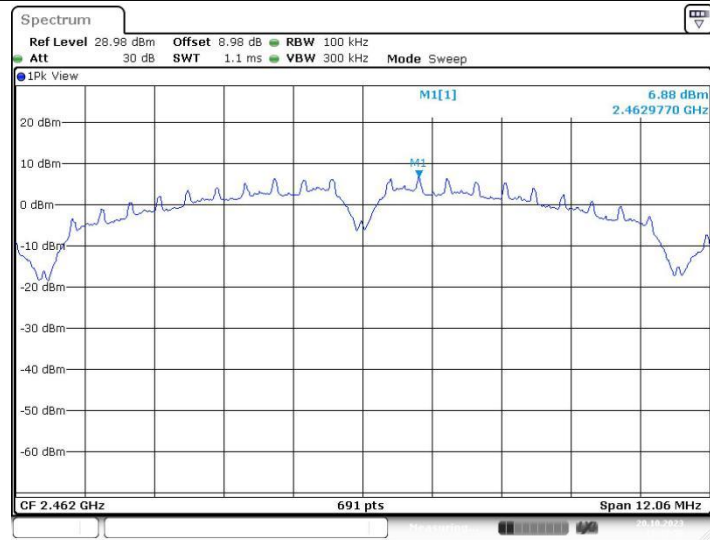
11B_Ant1_2412



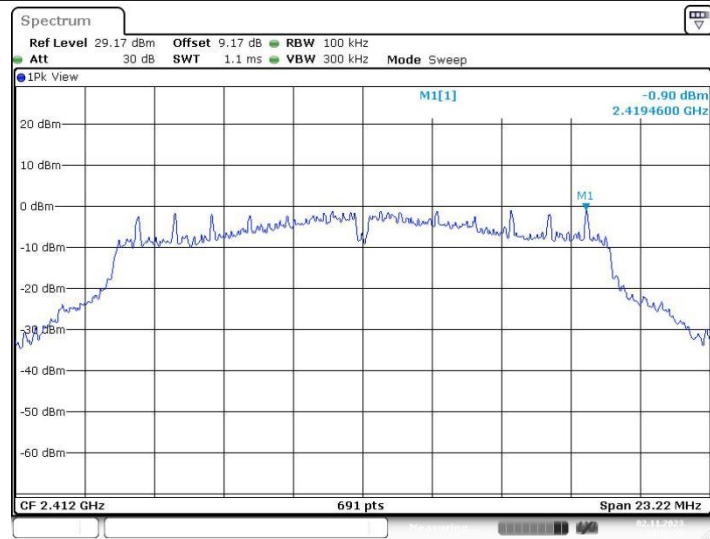
11B_Ant1_2437



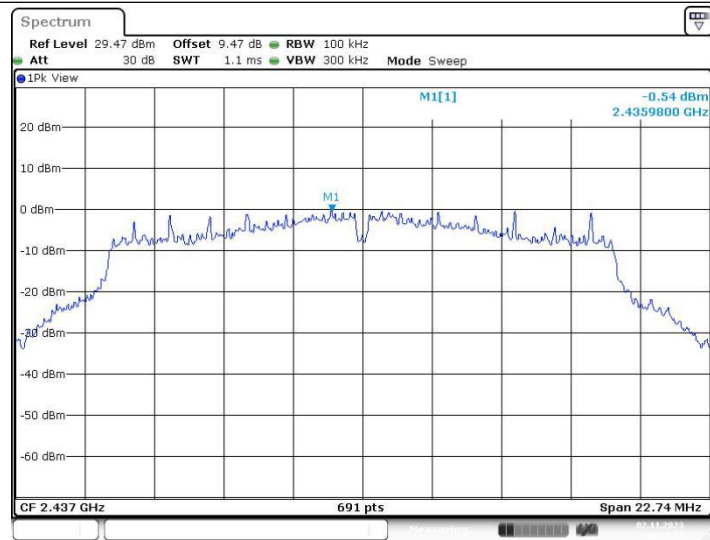
11B_Ant1_2462



11G_Ant1_2412

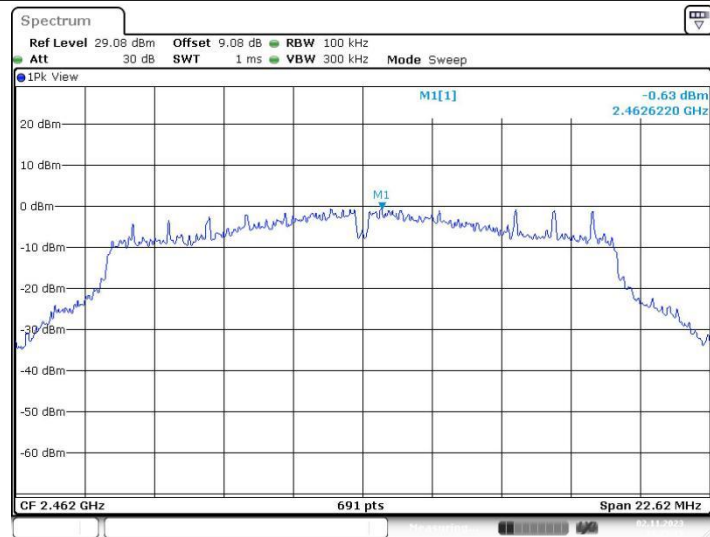


11G_Ant1_2437



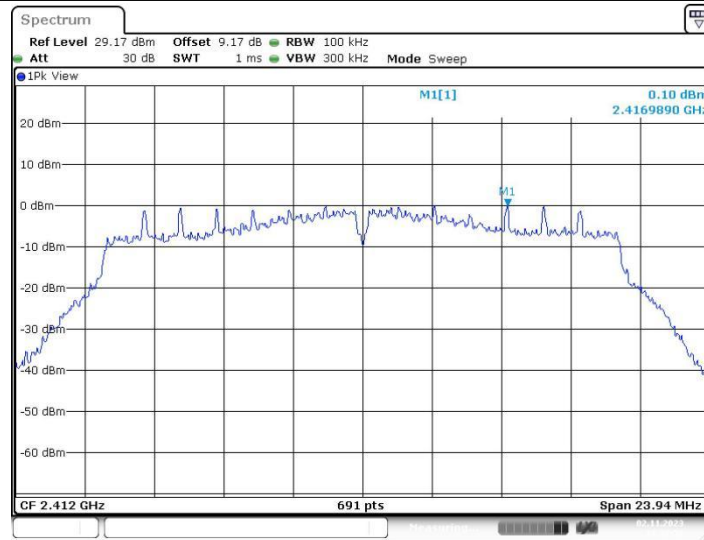
Date: 2.NOV.2023 14:21:21

11G_Ant1_2462



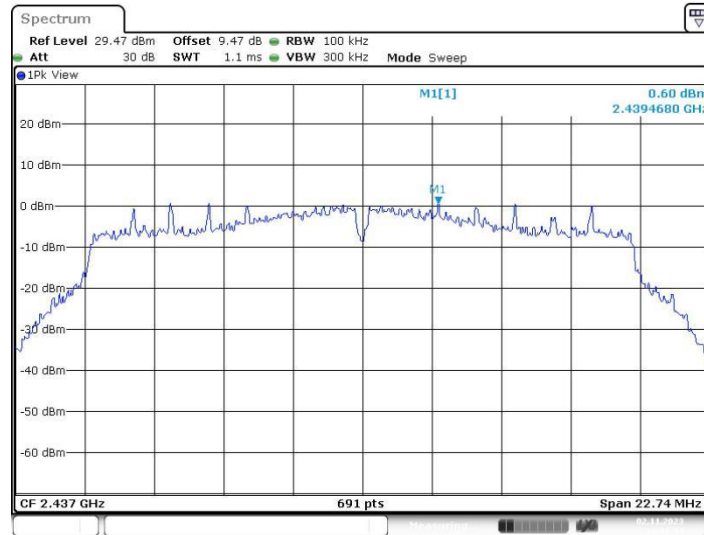
Date: 2.NOV.2023 14:25:16

11N20SISO_Ant1_2412



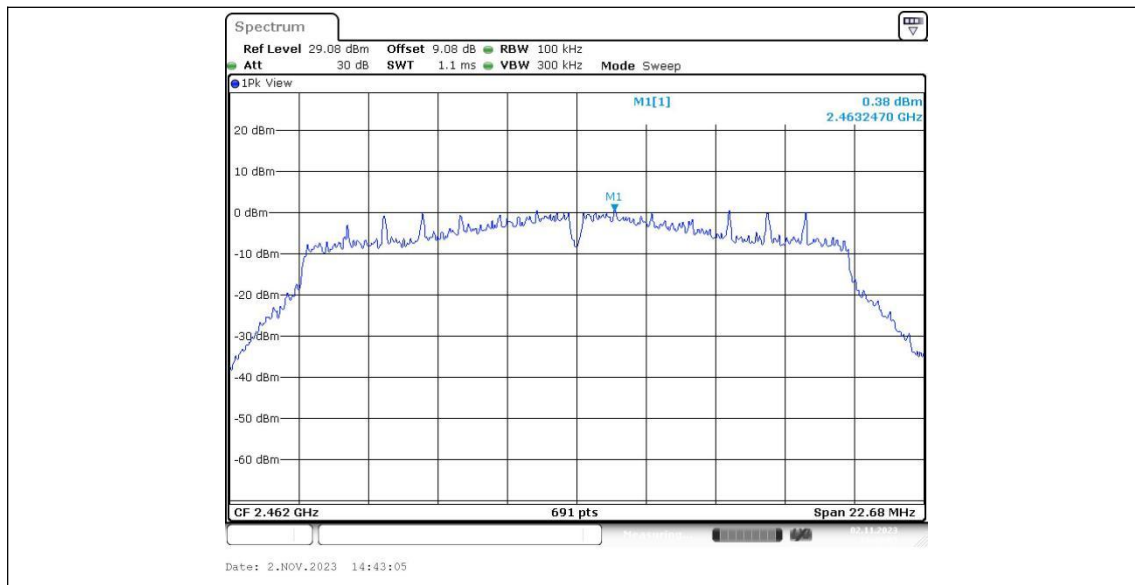
Date: 2.NOV.2023 14:38:59

11N20SISO_Ant1_2437



Date: 2.NOV.2023 14:41:15

11N20SISO_Ant1_2462





Appendix F: Band edge measurements

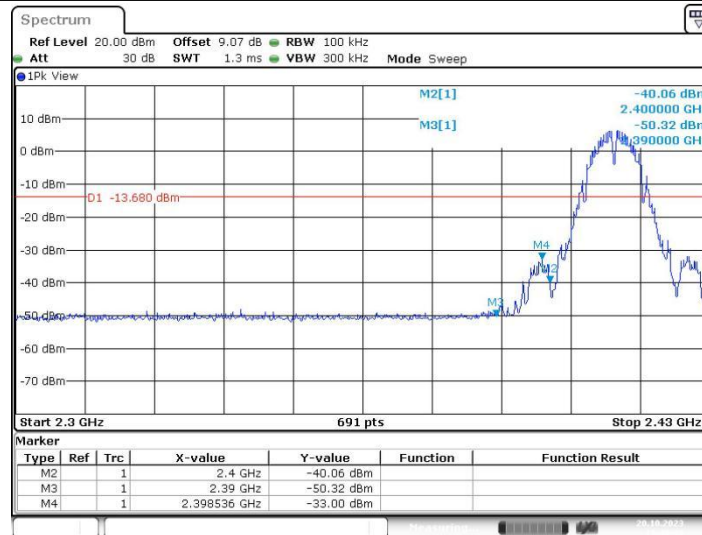
Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.32	-33	≤-13.68	PASS
		High	2462	6.88	-46.34	≤-13.12	PASS
11G	Ant1	Low	2412	-0.90	-30.12	≤-20.9	PASS
		High	2462	-0.63	-43.4	≤-20.63	PASS
11N20SISO	Ant1	Low	2412	0.10	-36.24	≤-19.9	PASS
		High	2462	0.38	-45.79	≤-19.62	PASS

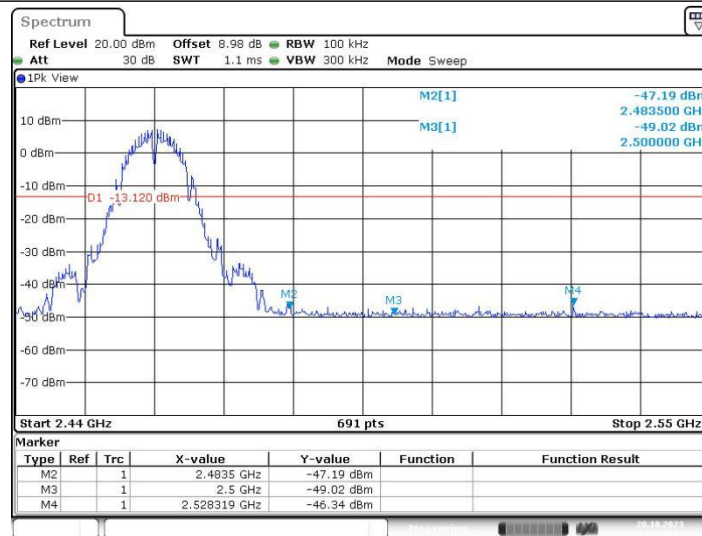


Test Graphs

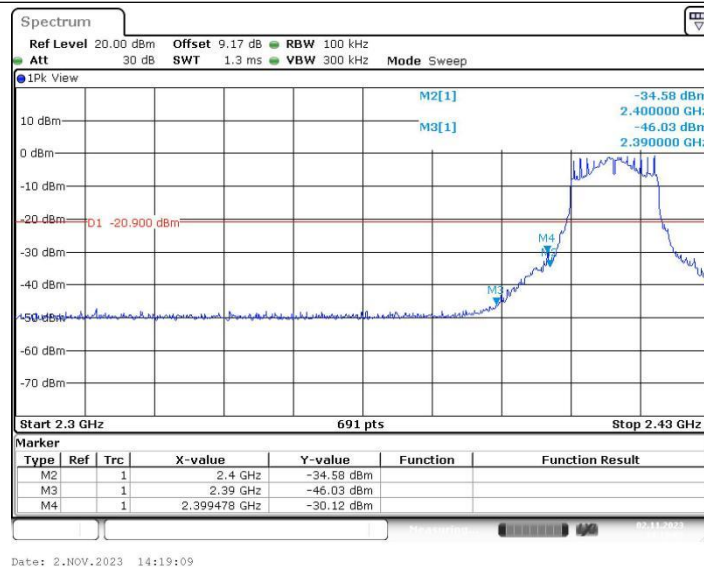
11B_Ant1_Low_2412



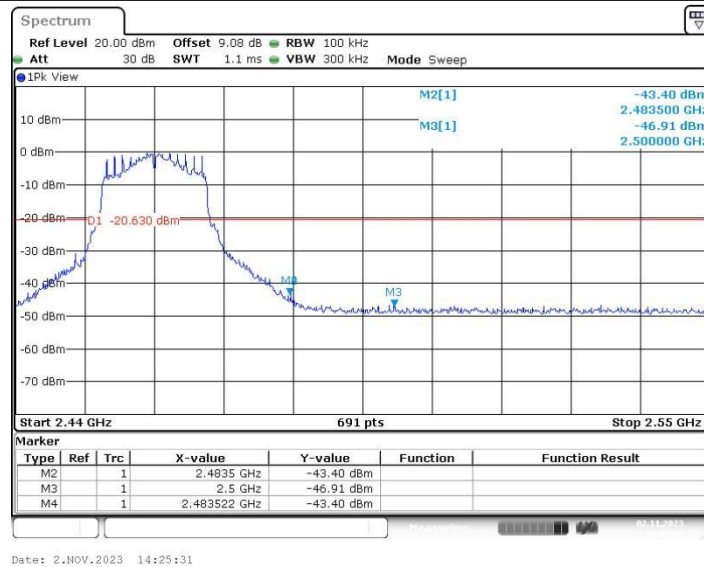
11B_Ant1_High_2462



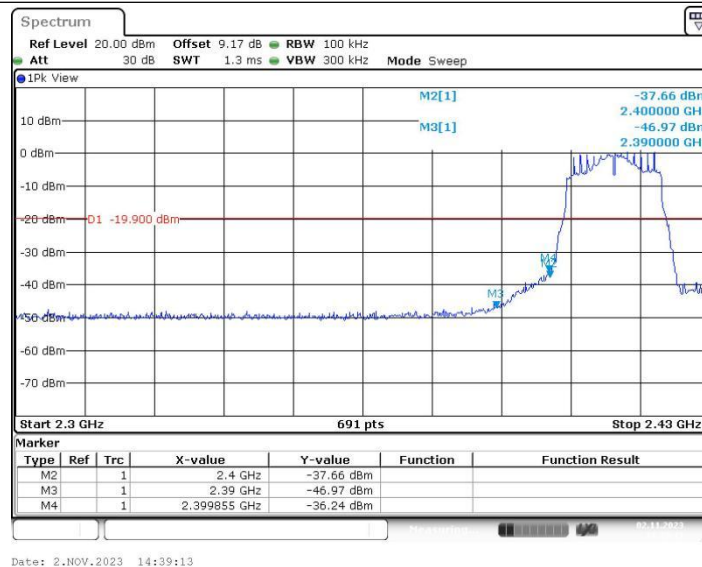
11G_Ant1_Low_2412



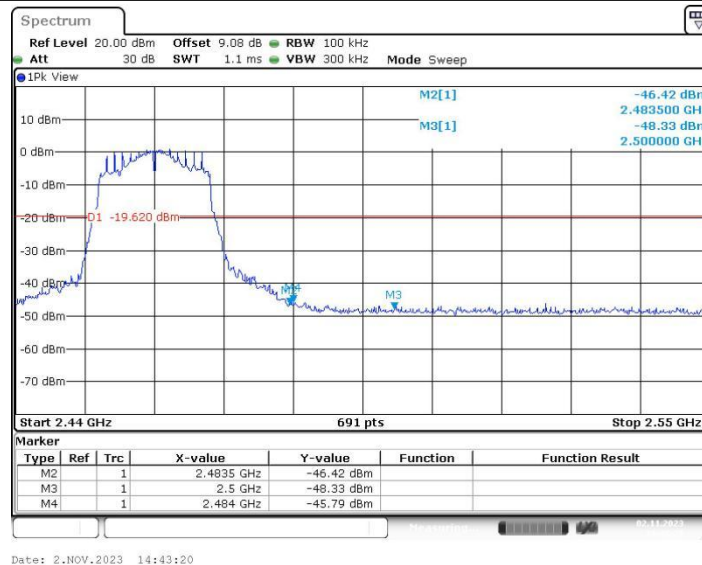
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462





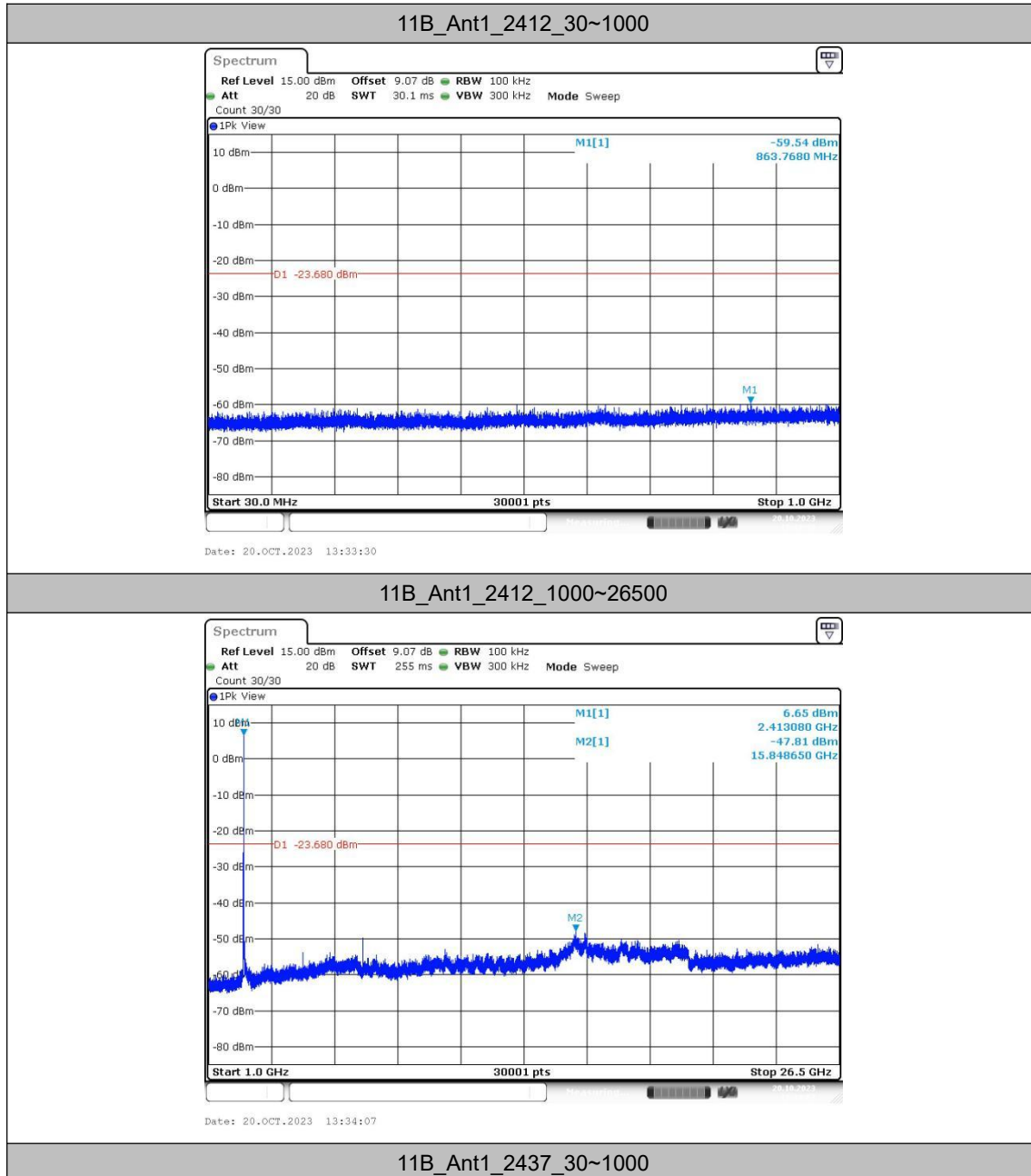
Appendix G: Conducted Spurious Emission

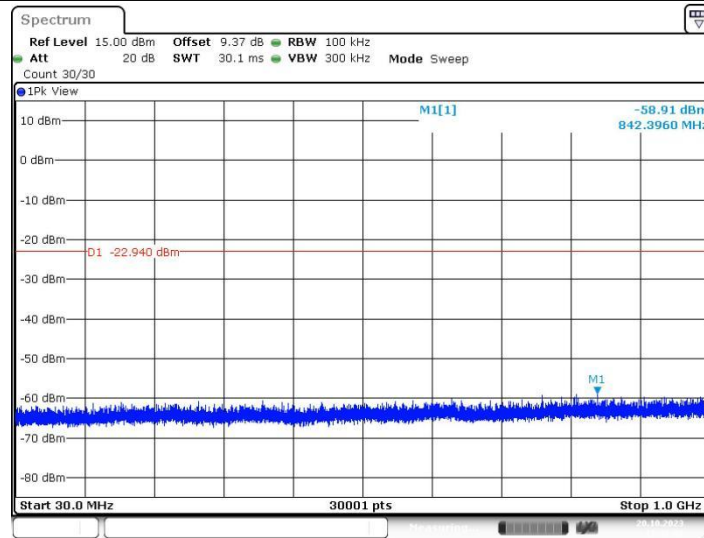
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~1000	6.32	-59.54	≤-23.68	PASS
			1000~26500	6.32	-47.81	≤-23.68	PASS
		2437	30~1000	7.06	-58.91	≤-22.94	PASS
			1000~26500	7.06	-48.35	≤-22.94	PASS
		2462	30~1000	6.88	-58.95	≤-23.12	PASS
			1000~26500	6.88	-48.6	≤-23.12	PASS
11G	Ant1	2412	30~1000	-0.90	-58.2	≤-30.9	PASS
			1000~26500	-0.90	-46.91	≤-30.9	PASS
		2437	30~1000	-0.54	-58.72	≤-30.54	PASS
			1000~26500	-0.54	-47.24	≤-30.54	PASS
		2462	30~1000	-0.63	-59.07	≤-30.63	PASS
			1000~26500	-0.63	-47.98	≤-30.63	PASS
11N20SISO	Ant1	2412	30~1000	0.10	-57.85	≤-29.9	PASS
			1000~26500	0.10	-47.6	≤-29.9	PASS
		2437	30~1000	0.60	-58.56	≤-29.4	PASS
			1000~26500	0.60	-47.02	≤-29.4	PASS
		2462	30~1000	0.38	-58.8	≤-29.62	PASS
			1000~26500	0.38	-48	≤-29.62	PASS



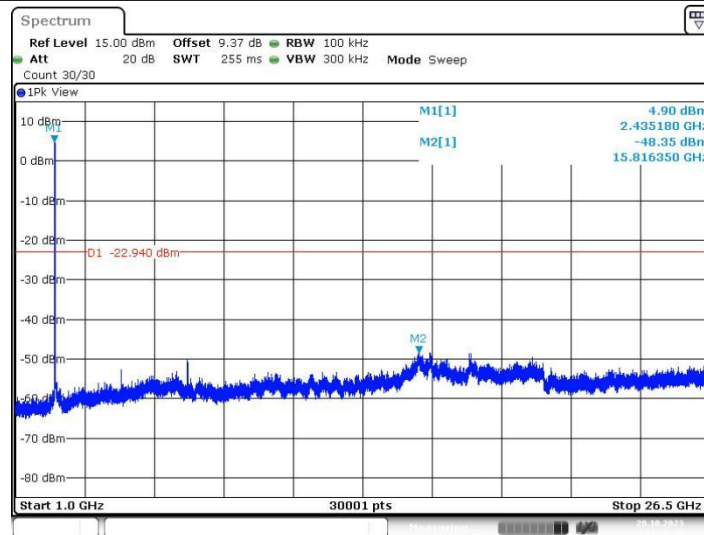
Test Graphs





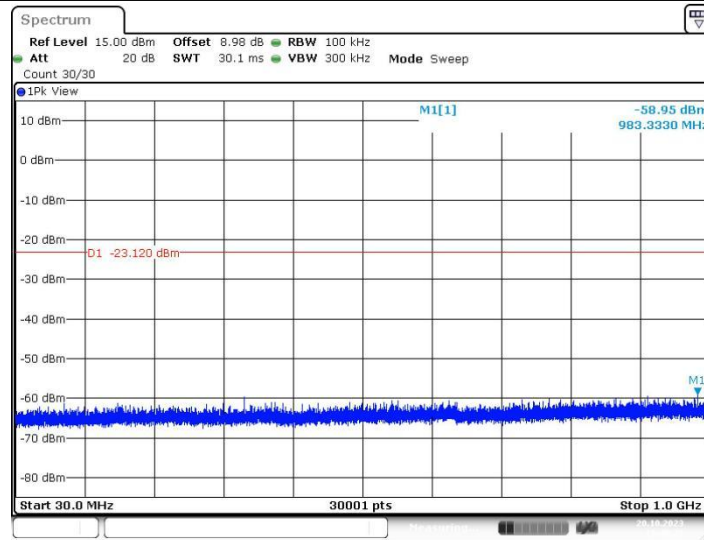
Date: 20.OCT.2023 13:36:34

11B_Ant1_2437_1000~26500

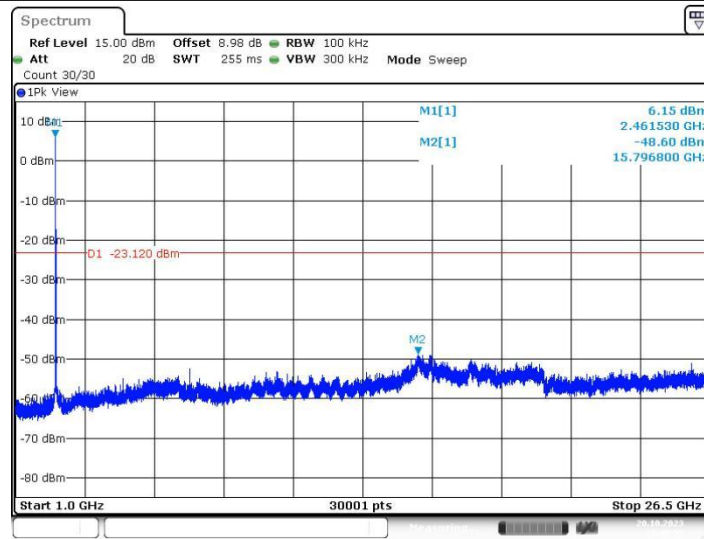


Date: 20.OCT.2023 13:37:11

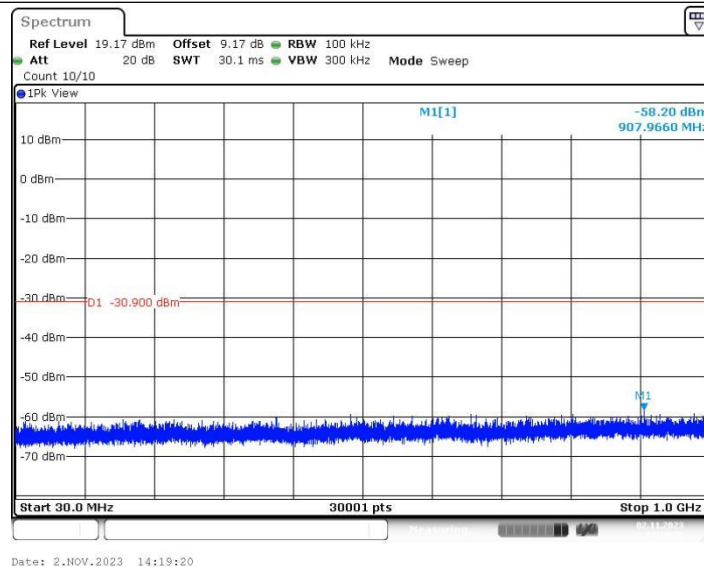
11B_Ant1_2462_30~1000



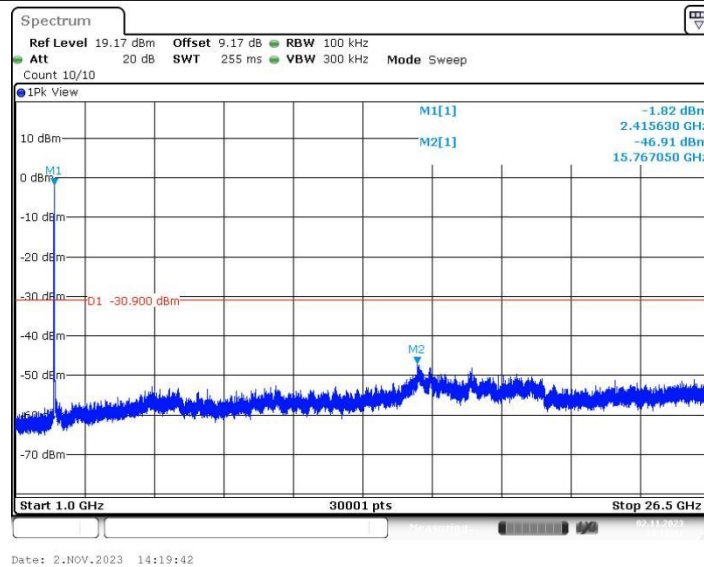
11B_Ant1_2462_1000~26500



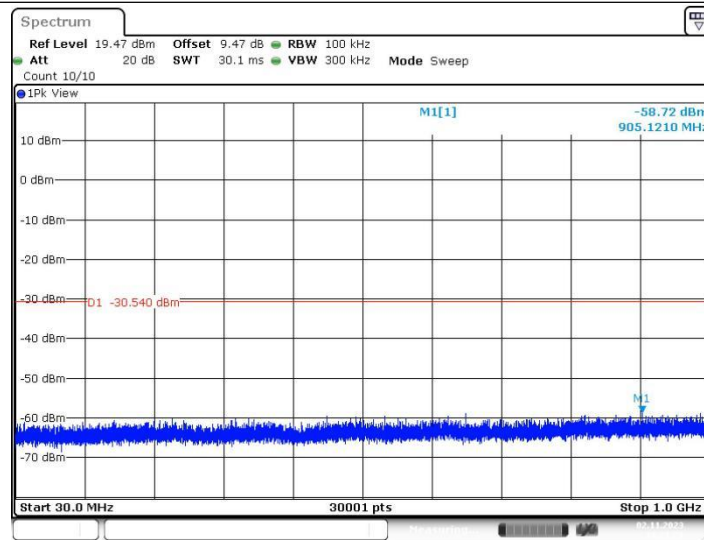
11G_Ant1_2412_30~1000



11G_Ant1_2412_1000~26500

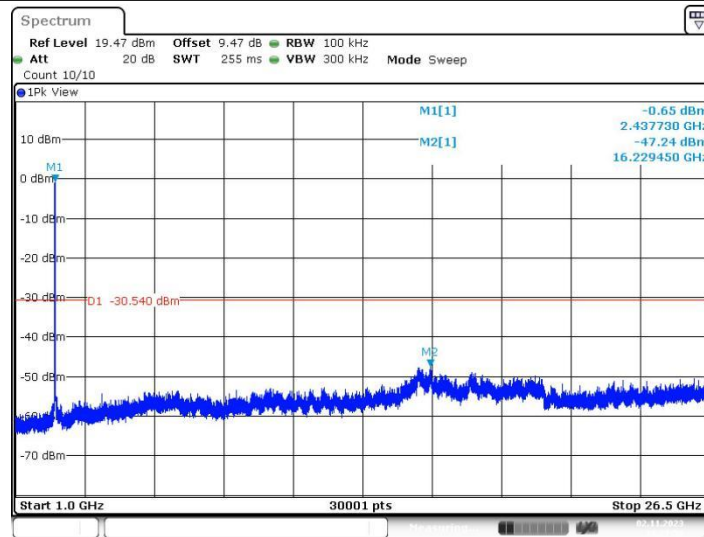


11G_Ant1_2437_30~1000



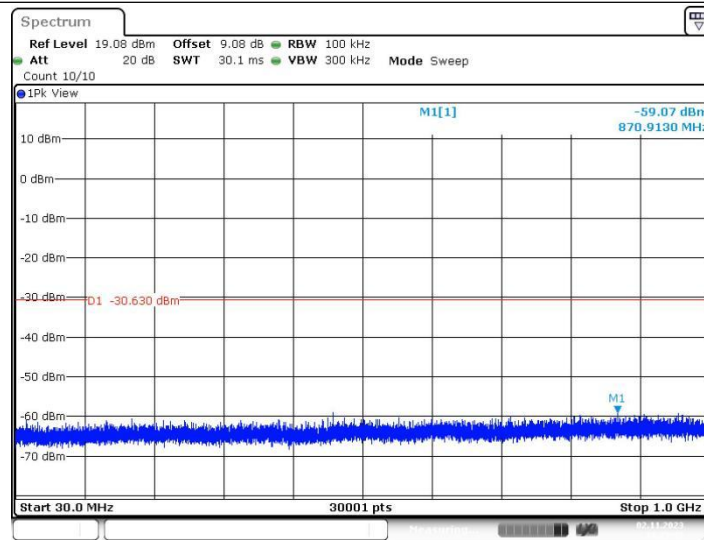
Date: 2.NOV.2023 14:21:29

11G_Ant1_2437_1000~26500



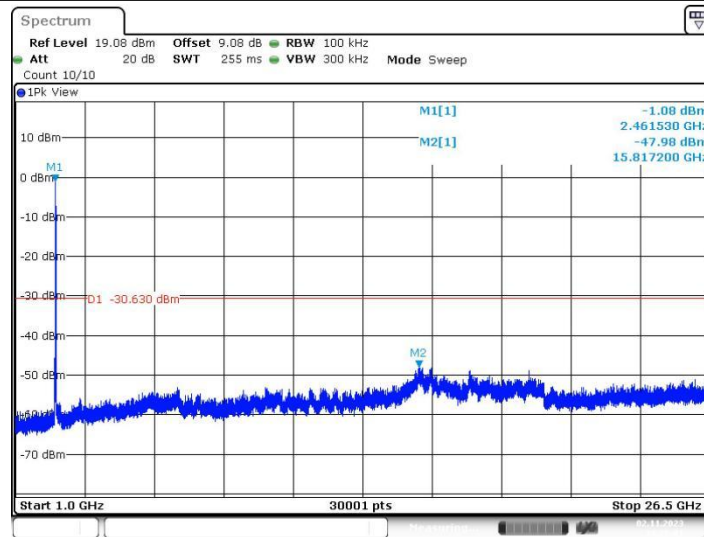
Date: 2.NOV.2023 14:21:51

11G_Ant1_2462_30~1000



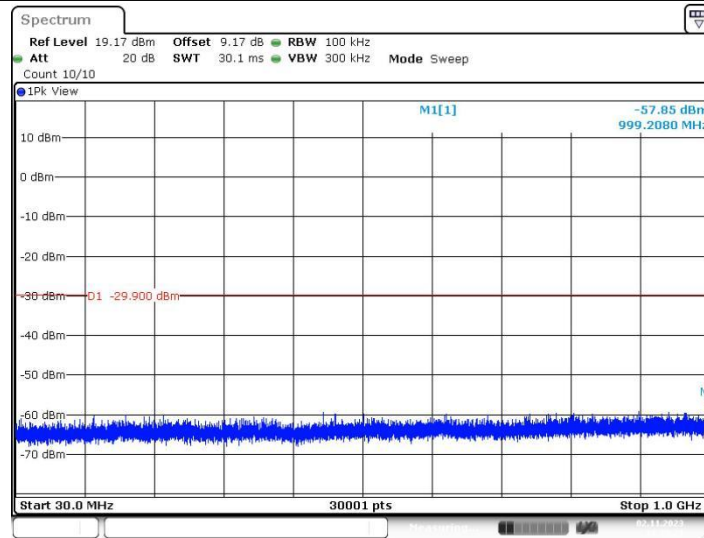
Date: 2.NOV.2023 14:25:39

11G_Ant1_2462_1000~26500



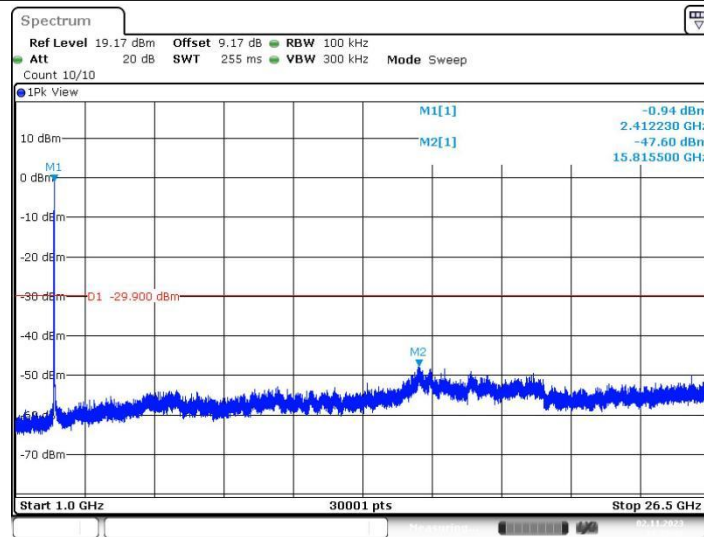
Date: 2.NOV.2023 14:26:01

11N20SISO_Ant1_2412_30~1000



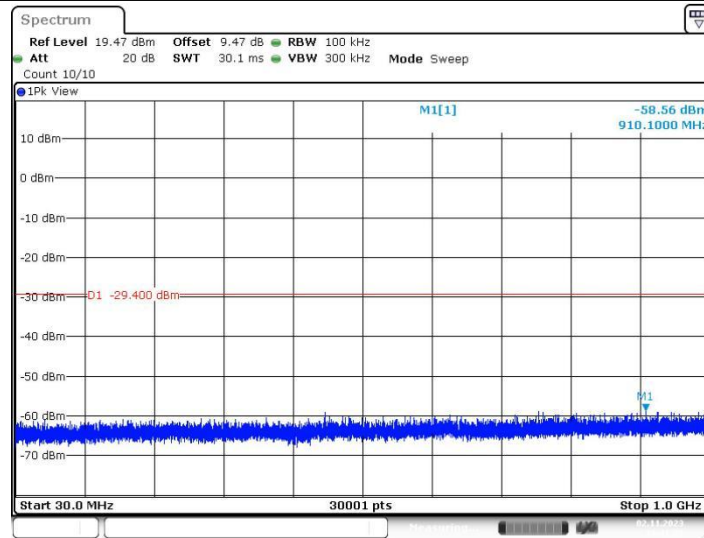
Date: 2.NOV.2023 14:39:22

11N20SISO_Ant1_2412_1000~26500

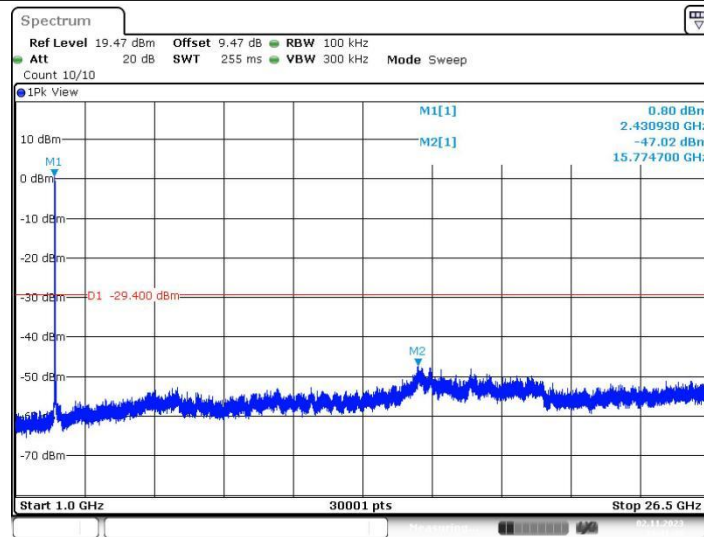


Date: 2.NOV.2023 14:39:44

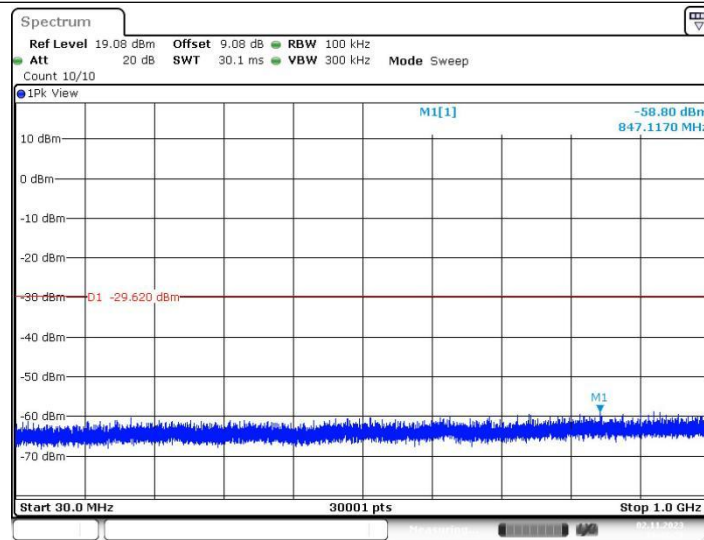
11N20SISO_Ant1_2437_30~1000



11N20SISO_Ant1_2437_1000~26500

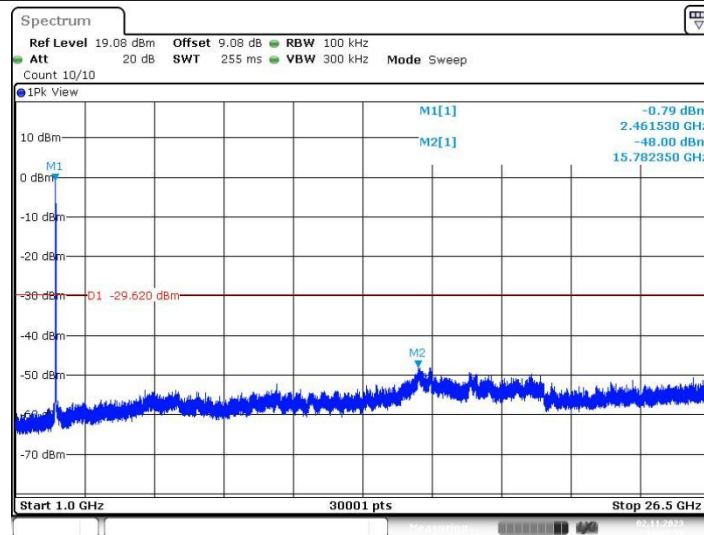


11N20SISO_Ant1_2462_30~1000



Date: 2.NOV.2023 14:43:29

11N20SISO_Ant1_2462_1000~26500



Date: 2.NOV.2023 14:43:51



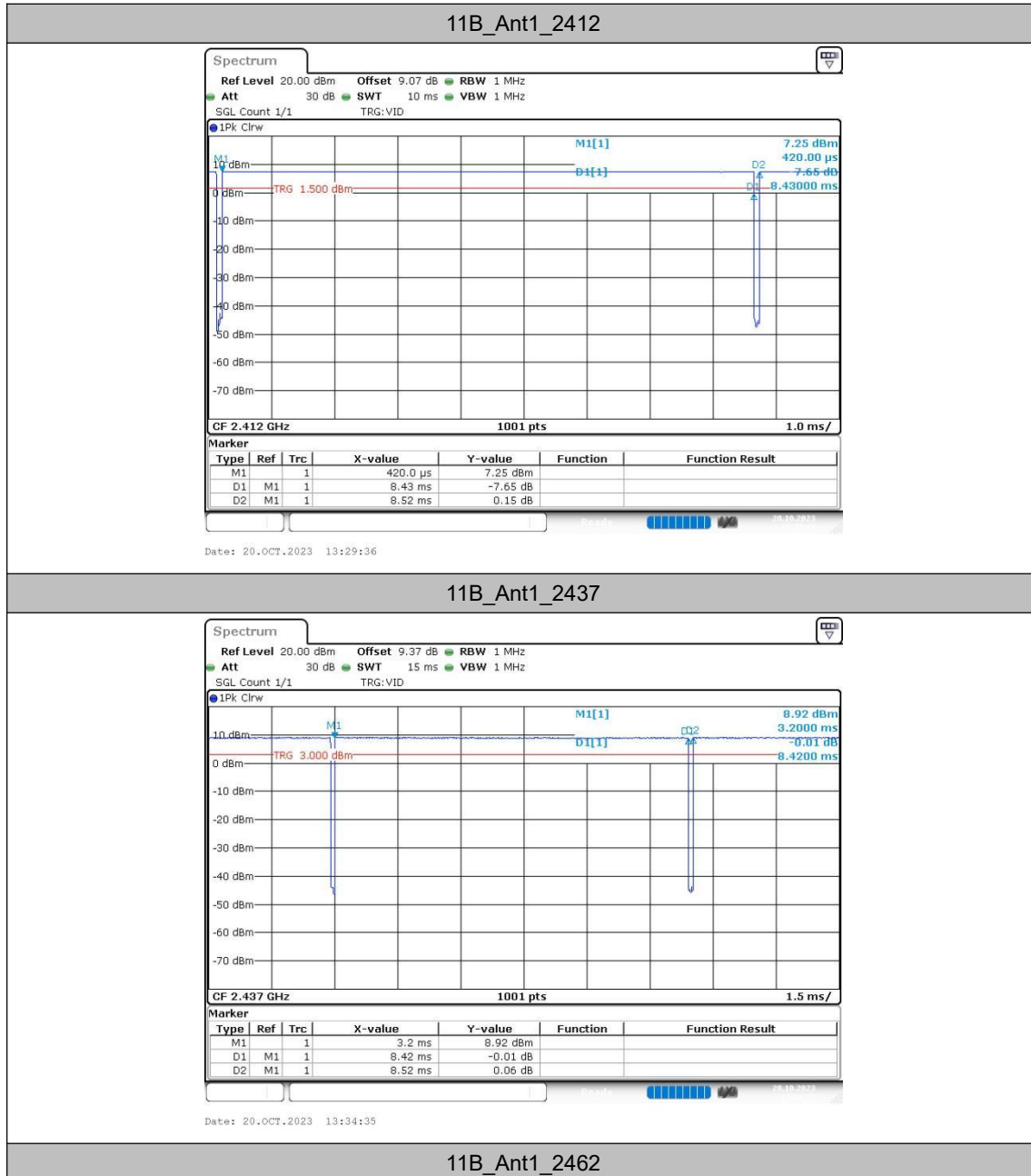
Appendix H: Duty Cycle

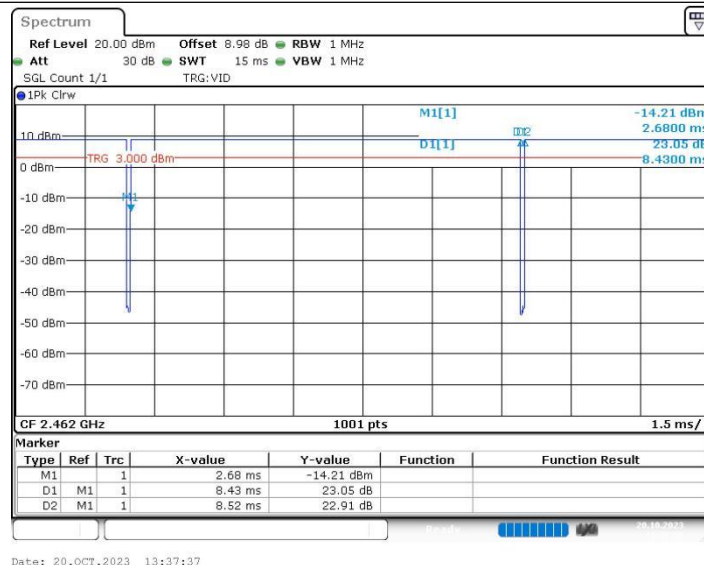
Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	8.43	8.52	98.94
		2437	8.42	8.52	98.83
		2462	8.43	8.52	98.94
11G	Ant1	2412	1.39	1.50	92.67
		2437	1.40	1.50	93.33
		2462	1.39	1.50	92.67
11N20SISO	Ant1	2412	1.31	1.41	92.91
		2437	1.30	1.41	92.20
		2462	1.31	1.41	92.91

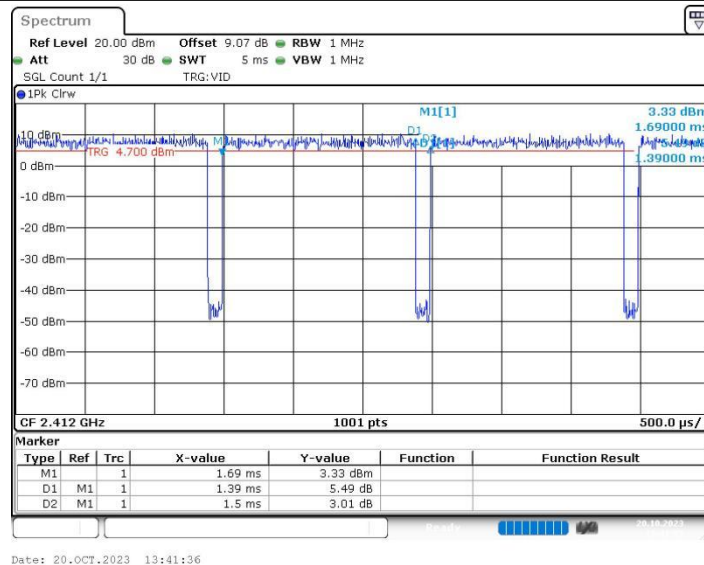


Test Graphs

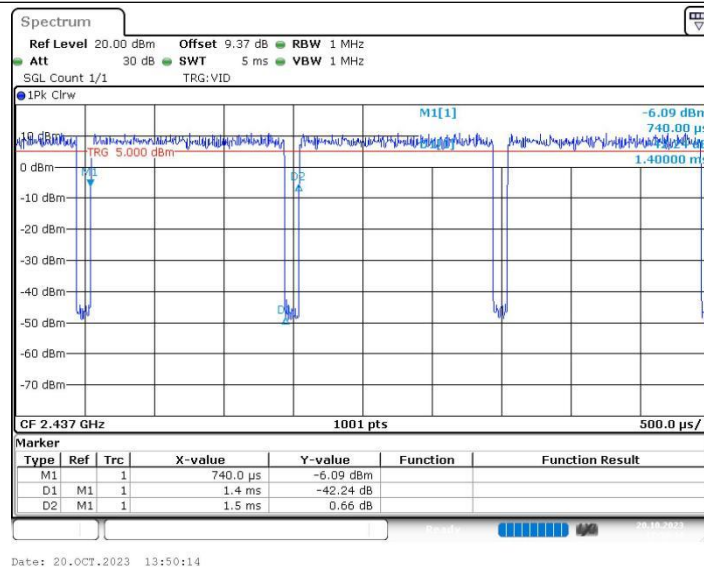




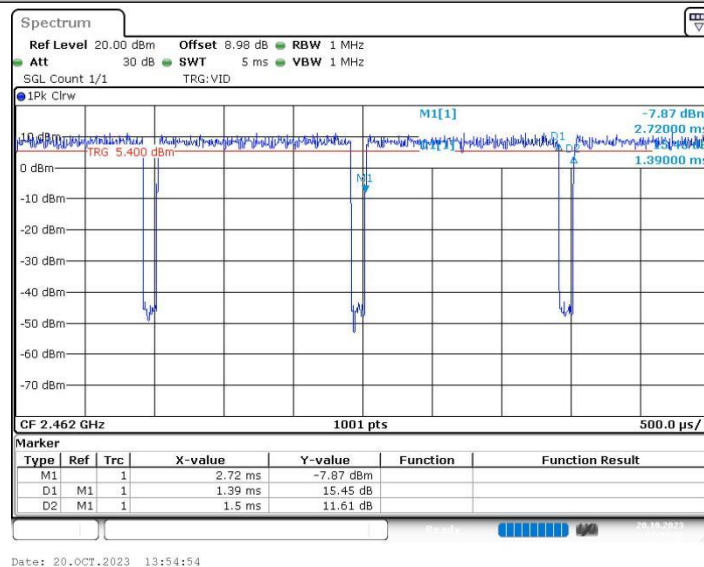
11G_Ant1_2412



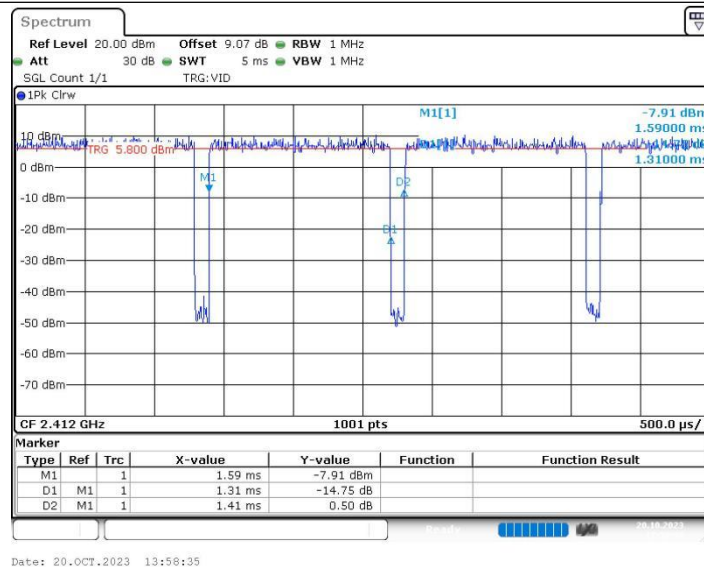
11G_Ant1_2437



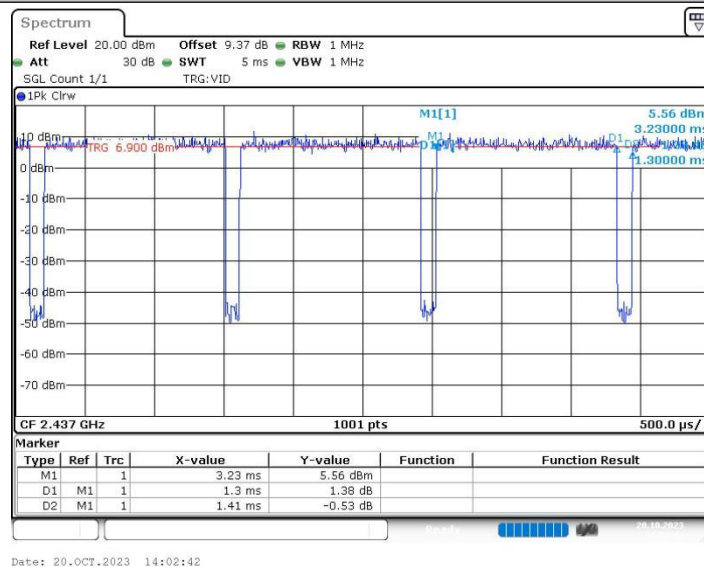
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

