



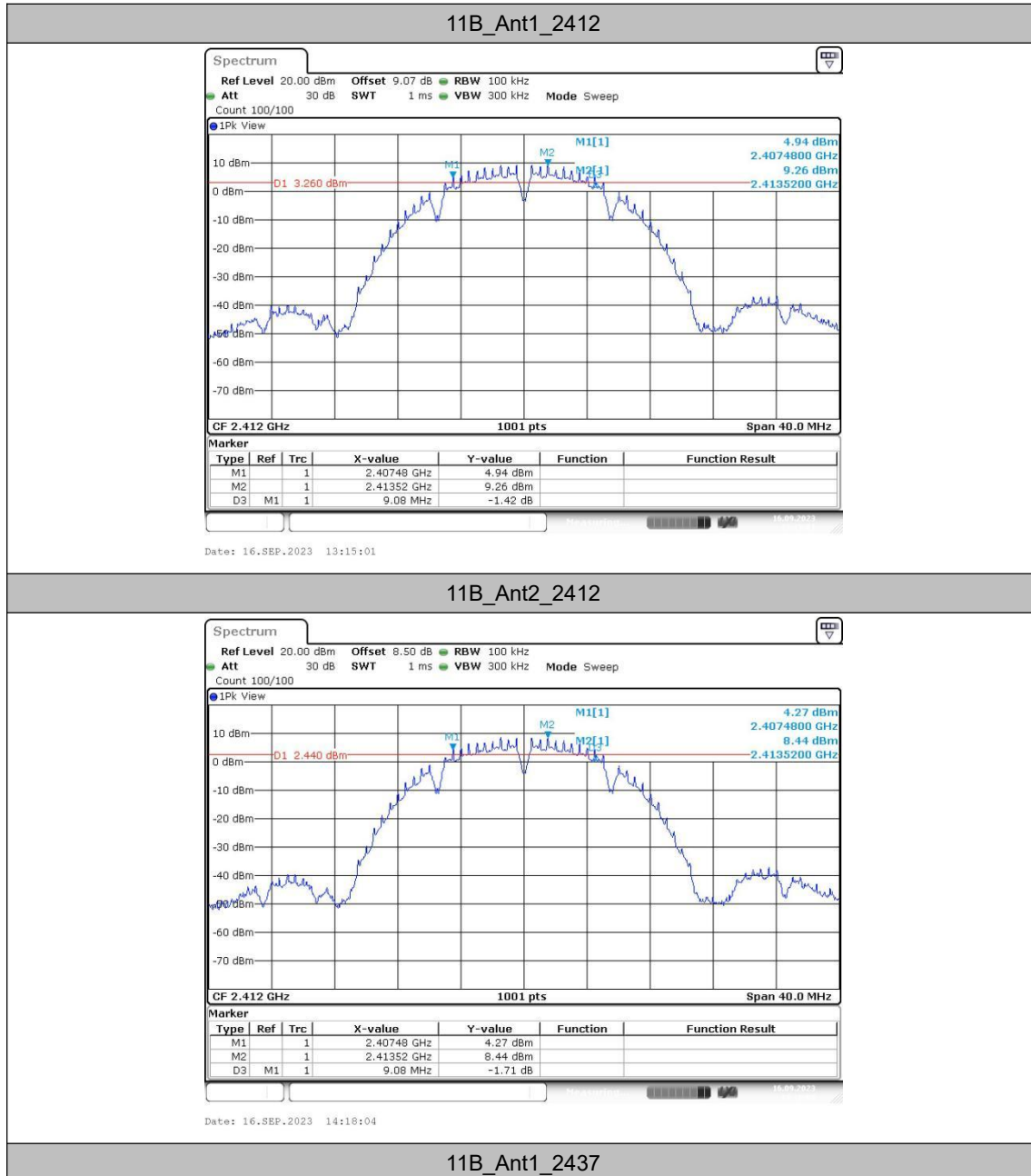
Appendix A: 6dB Bandwidth

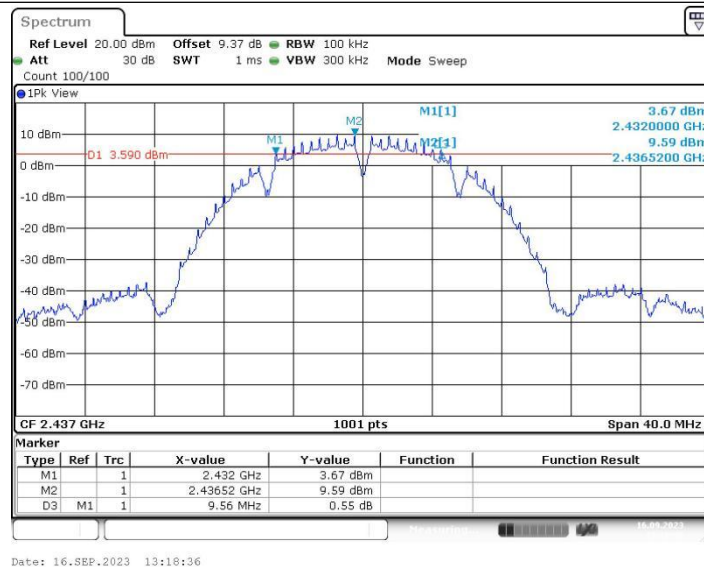
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.08	2407.48	2416.56	0.5	PASS
	Ant2	2412	9.08	2407.48	2416.56	0.5	PASS
	Ant1	2437	9.56	2432.00	2441.56	0.5	PASS
	Ant2	2437	9.56	2432.00	2441.56	0.5	PASS
	Ant1	2462	9.08	2457.48	2466.56	0.5	PASS
	Ant2	2462	9.08	2457.48	2466.56	0.5	PASS
11G	Ant1	2412	16.28	2403.88	2420.16	0.5	PASS
	Ant2	2412	16.32	2403.84	2420.16	0.5	PASS
	Ant1	2437	16.32	2428.84	2445.16	0.5	PASS
	Ant2	2437	16.32	2428.84	2445.16	0.5	PASS
	Ant1	2462	16.36	2453.84	2470.20	0.5	PASS
	Ant2	2462	16.36	2453.84	2470.20	0.5	PASS
11N20SISO	Ant1	2412	16.96	2403.48	2420.44	0.5	PASS
	Ant2	2412	16.96	2403.48	2420.44	0.5	PASS
	Ant1	2437	17.20	2428.24	2445.44	0.5	PASS
	Ant2	2437	16.92	2428.48	2445.40	0.5	PASS
	Ant1	2462	17.04	2453.48	2470.52	0.5	PASS
	Ant2	2462	17.04	2453.48	2470.52	0.5	PASS
11N40SISO	Ant1	2422	35.04	2404.24	2439.28	0.5	PASS
	Ant2	2422	35.04	2404.24	2439.28	0.5	PASS
	Ant1	2437	35.04	2419.24	2454.28	0.5	PASS
	Ant2	2437	35.04	2419.24	2454.28	0.5	PASS
	Ant1	2452	35.28	2434.24	2469.52	0.5	PASS
	Ant2	2452	35.28	2434.24	2469.52	0.5	PASS

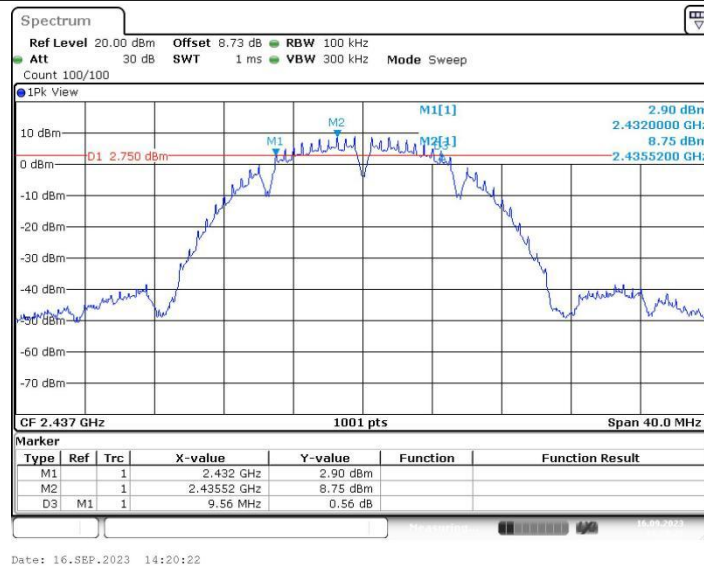


Test Graphs

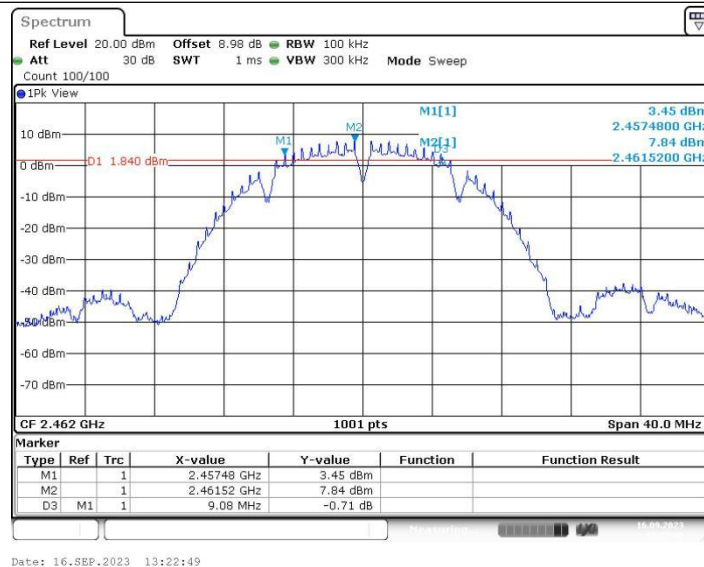




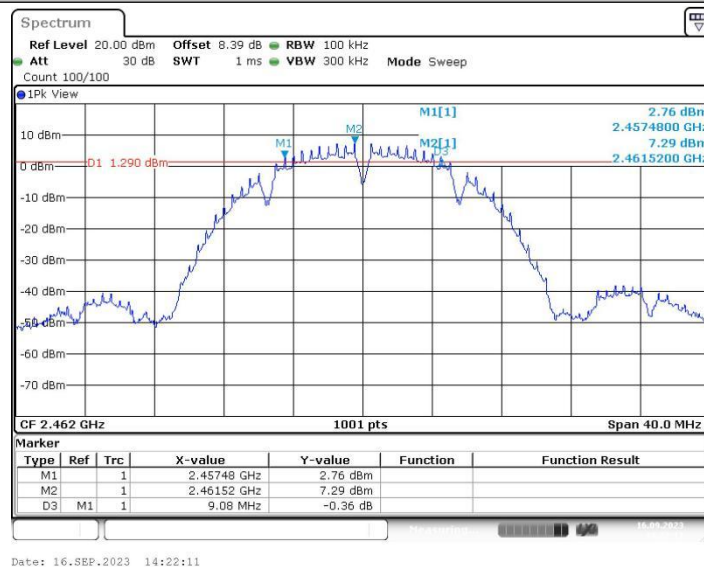
11B_Ant2_2437



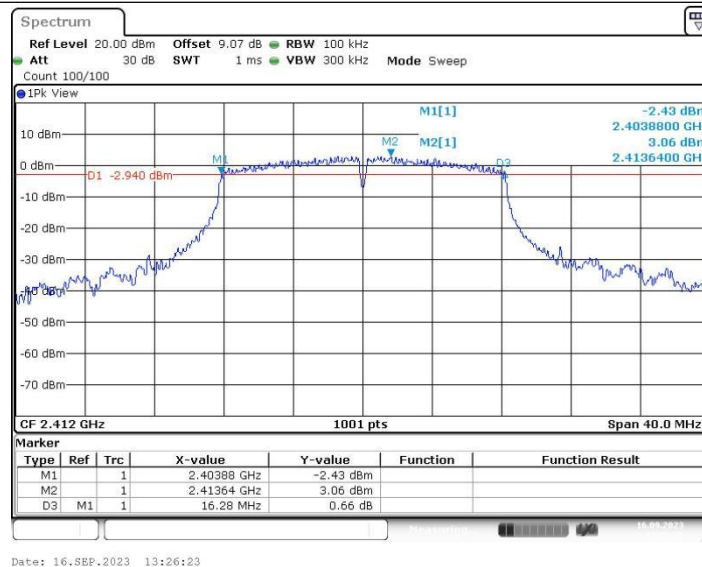
11B_Ant1_2462



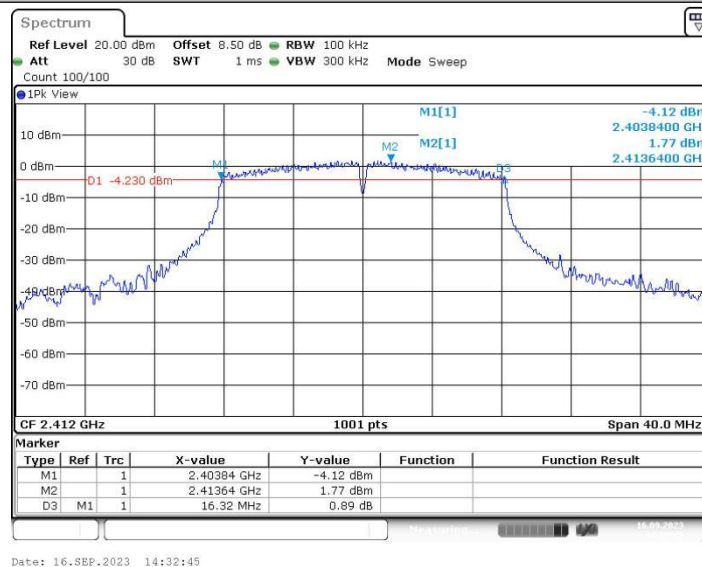
11B_Ant2_2462



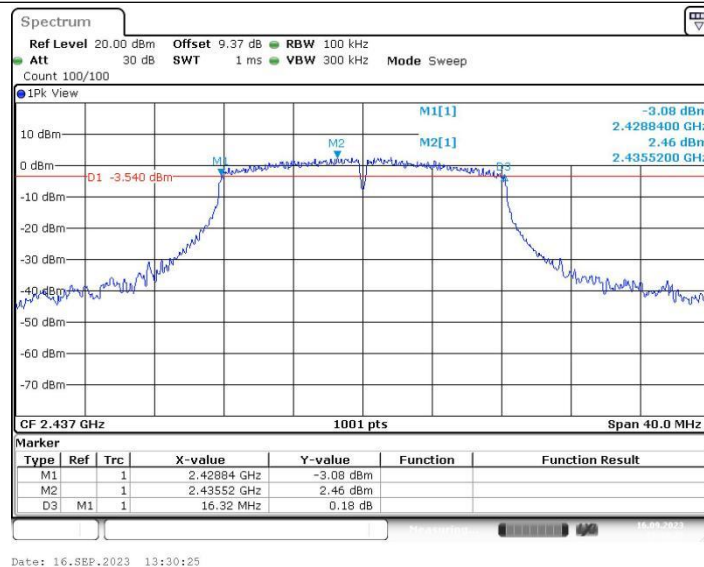
11G_Ant1_2412



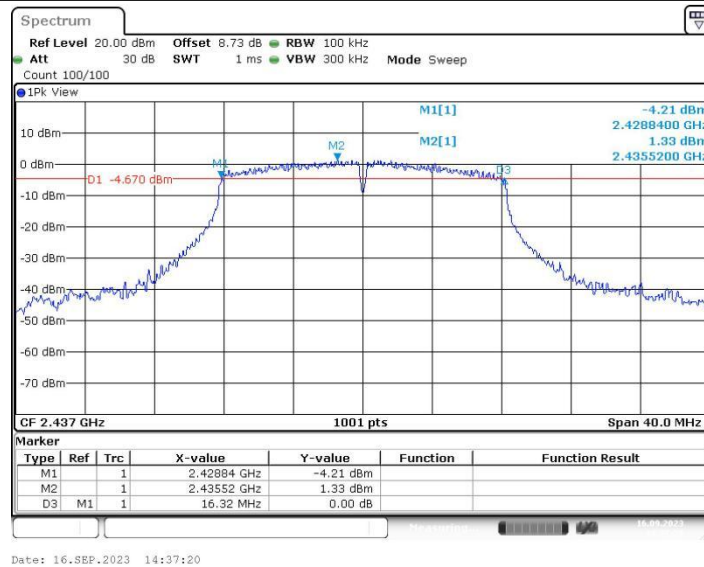
11G_Ant2_2412



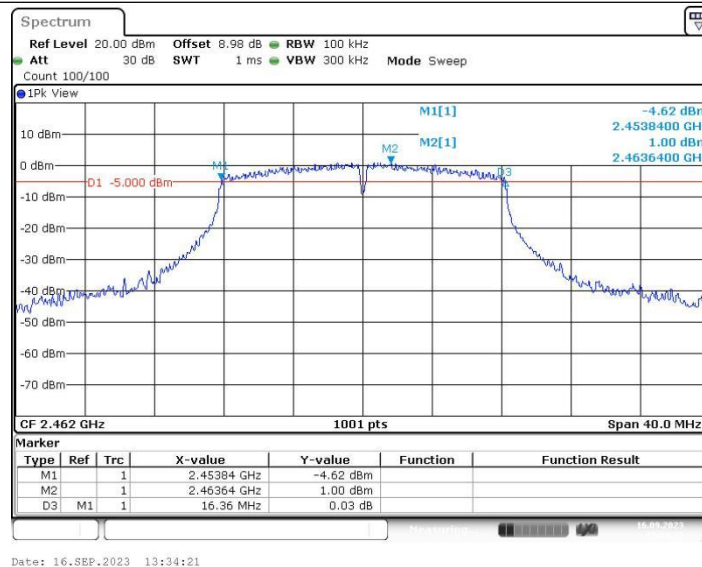
11G_Ant1_2437



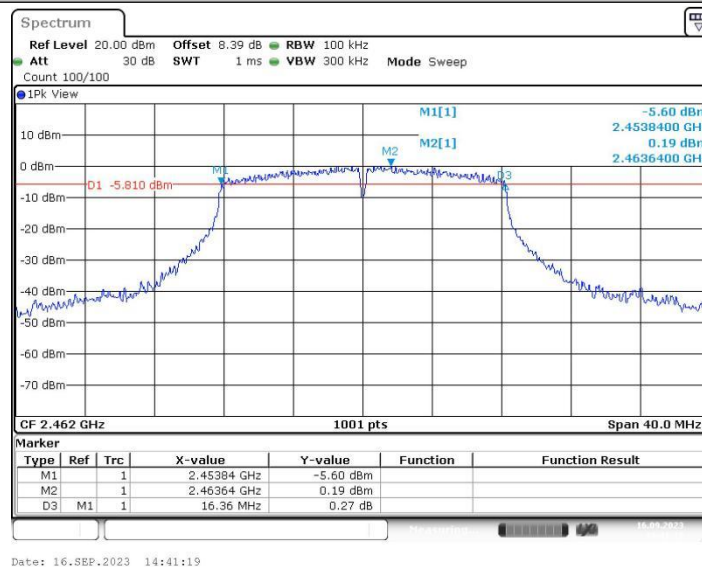
11G_Ant2_2437



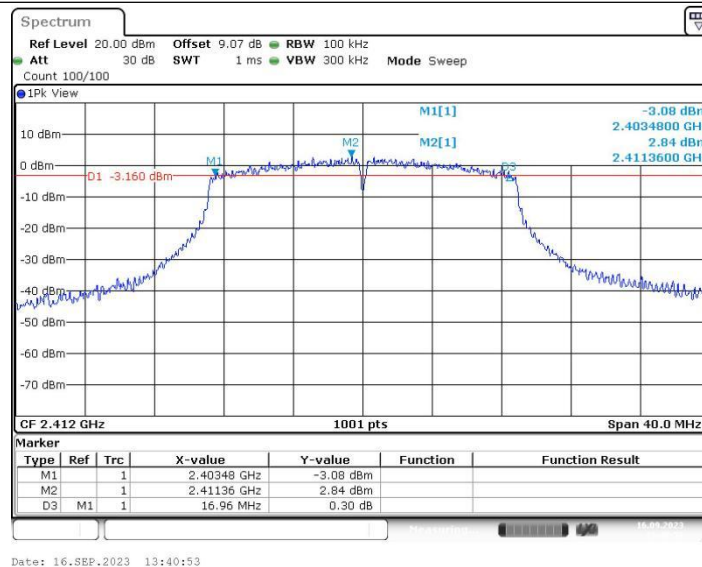
11G_Ant1_2462



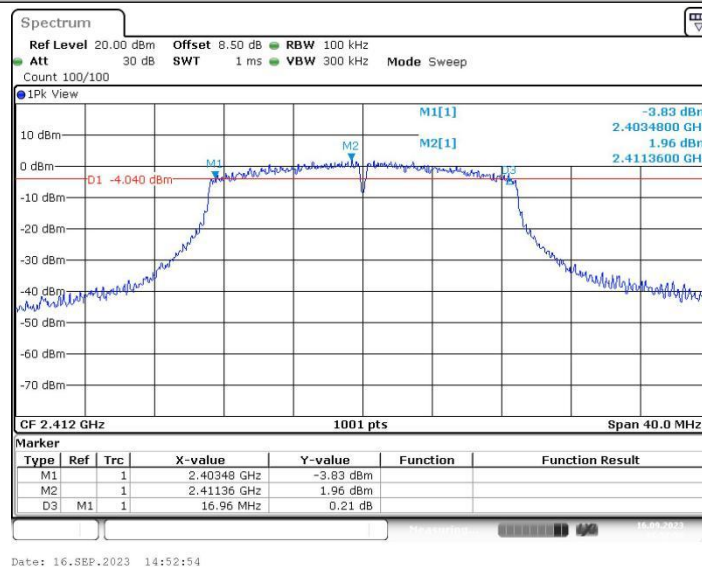
11G_Ant2_2462



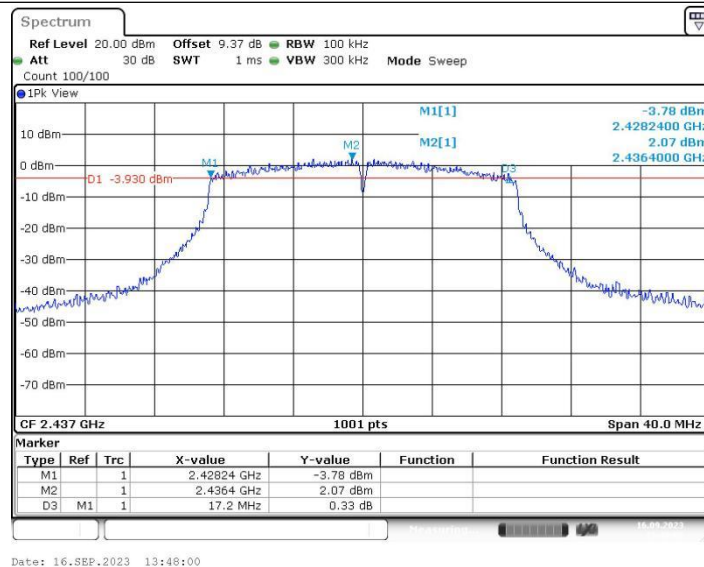
11N20SISO_Ant1_2412



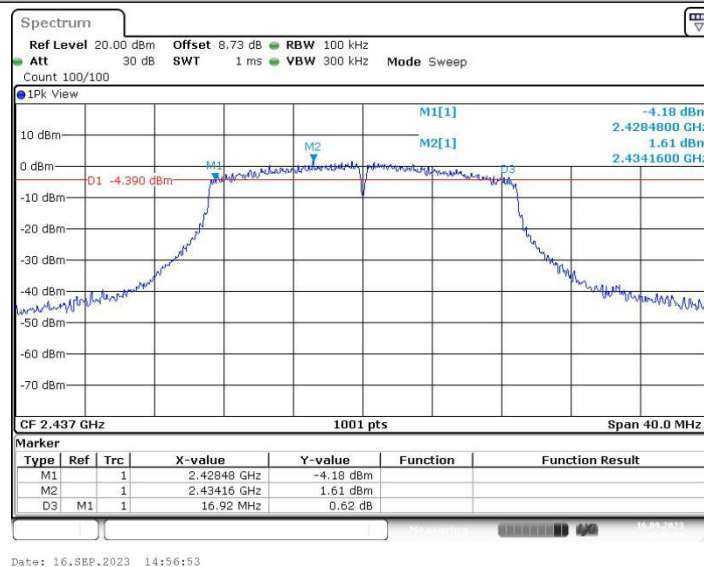
11N20SISO_Ant2_2412



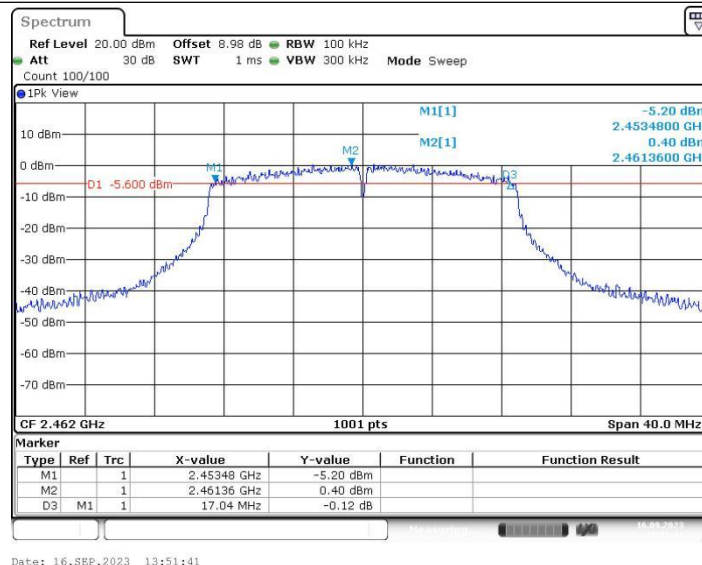
11N20SISO_Ant1_2437



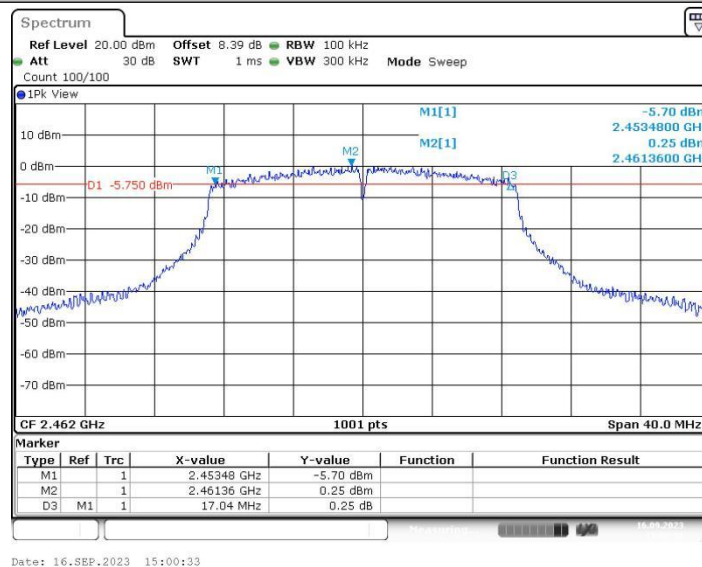
11N20SISO_Ant2_2437



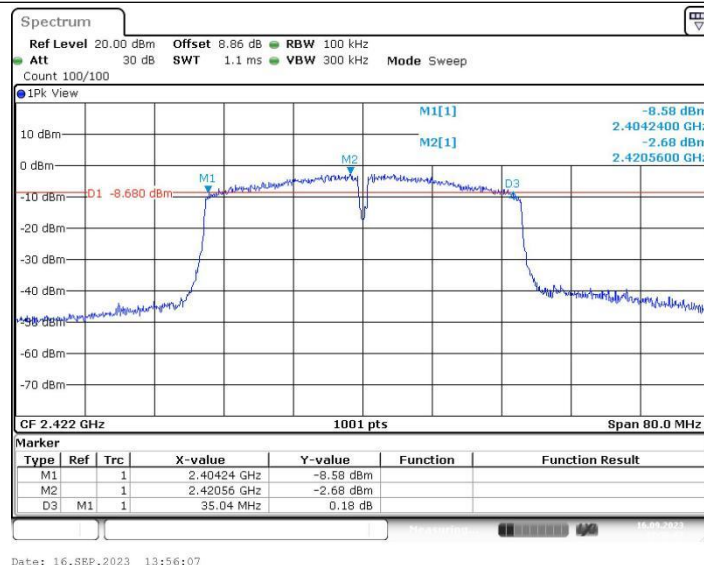
11N20SISO_Ant1_2462



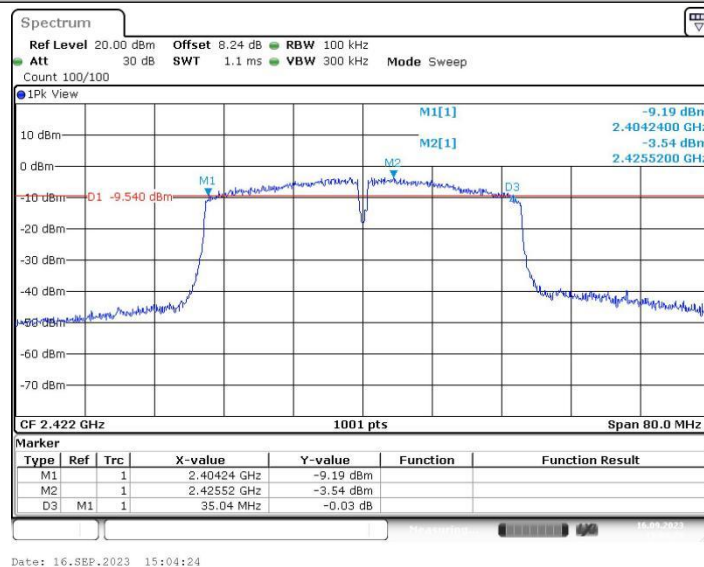
11N20SISO_Ant2_2462



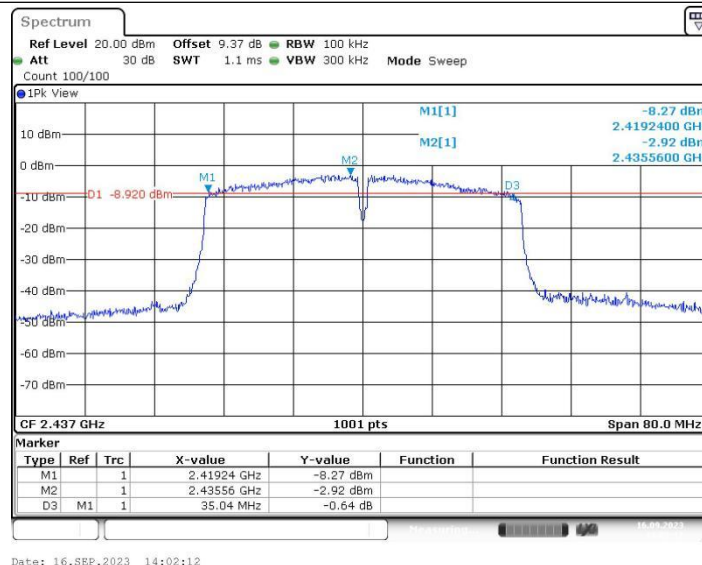
11N40SISO_Ant1_2422



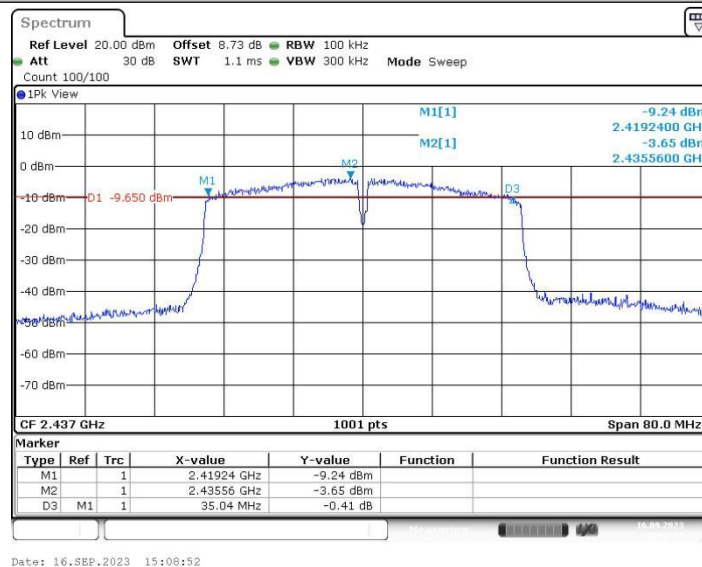
11N40SISO_Ant2_2422



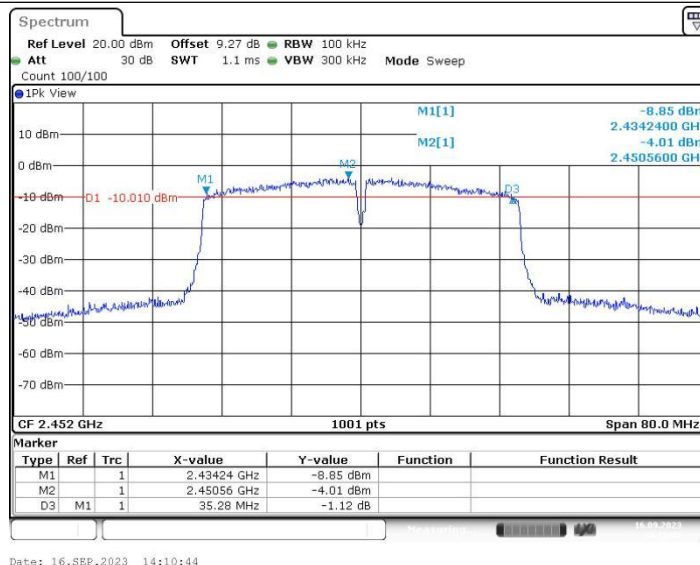
11N40SISO_Ant1_2437



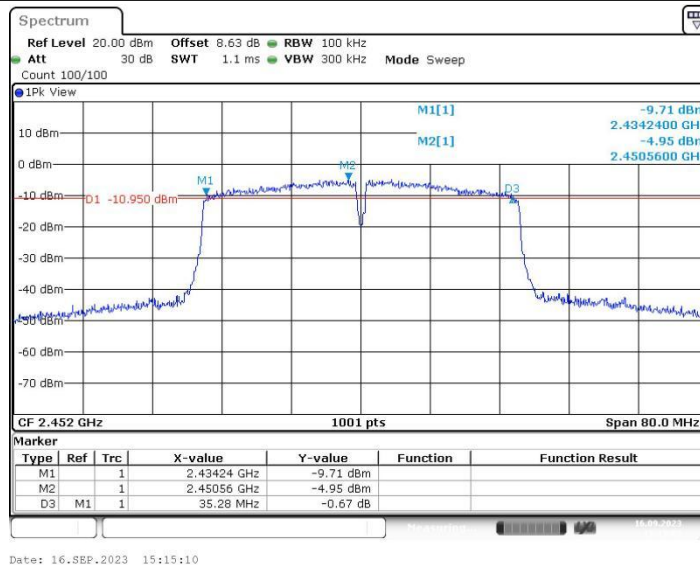
11N40SISO_Ant2_2437



11N40SISO_Ant1_2452



11N40SISO_Ant2_2452





Appendix B: Occupied Channel Bandwidth

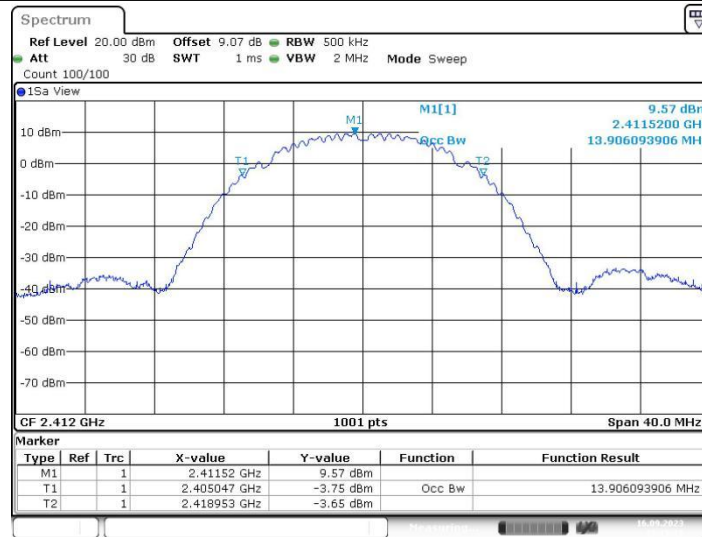
Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.906	2405.047	2418.953	---	---
	Ant2	2412	13.866	2405.047	2418.913	---	---
	Ant1	2437	13.986	2429.927	2443.913	---	---
	Ant2	2437	13.986	2429.927	2443.913	---	---
	Ant1	2462	13.906	2455.047	2468.953	---	---
	Ant2	2462	13.826	2455.127	2468.953	---	---
11G	Ant1	2412	16.863	2403.489	2420.352	---	---
	Ant2	2412	16.823	2403.489	2420.312	---	---
	Ant1	2437	16.823	2428.449	2445.272	---	---
	Ant2	2437	16.823	2428.449	2445.272	---	---
	Ant1	2462	16.823	2453.528	2470.352	---	---
	Ant2	2462	16.823	2453.528	2470.352	---	---
11N20SISO	Ant1	2412	17.782	2403.129	2420.911	---	---
	Ant2	2412	17.782	2403.089	2420.871	---	---
	Ant1	2437	17.782	2428.049	2445.831	---	---
	Ant2	2437	17.742	2428.089	2445.831	---	---
	Ant1	2462	17.822	2453.089	2470.911	---	---
	Ant2	2462	17.782	2453.129	2470.911	---	---
11N40SISO	Ant1	2422	35.325	2404.338	2439.662	---	---
	Ant2	2422	35.325	2404.338	2439.662	---	---
	Ant1	2437	35.405	2419.258	2454.662	---	---
	Ant2	2437	35.405	2419.258	2454.662	---	---
	Ant1	2452	35.485	2434.258	2469.742	---	---
	Ant2	2452	35.485	2434.258	2469.742	---	---

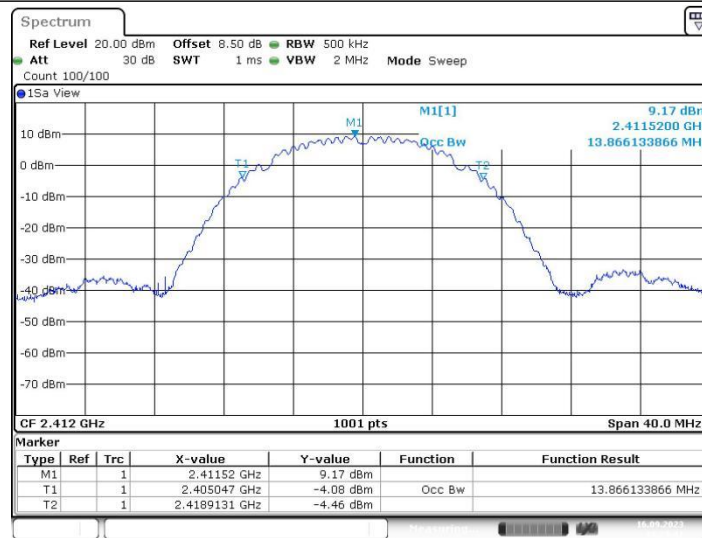


Test Graphs

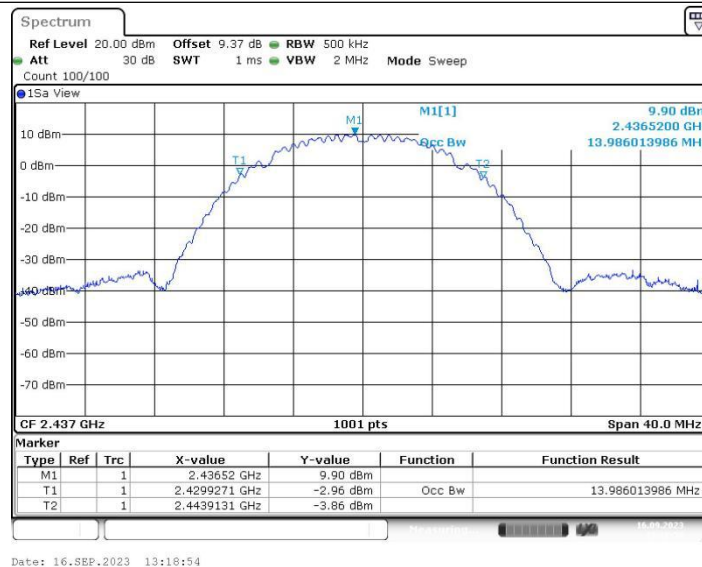
11B_Ant1_2412



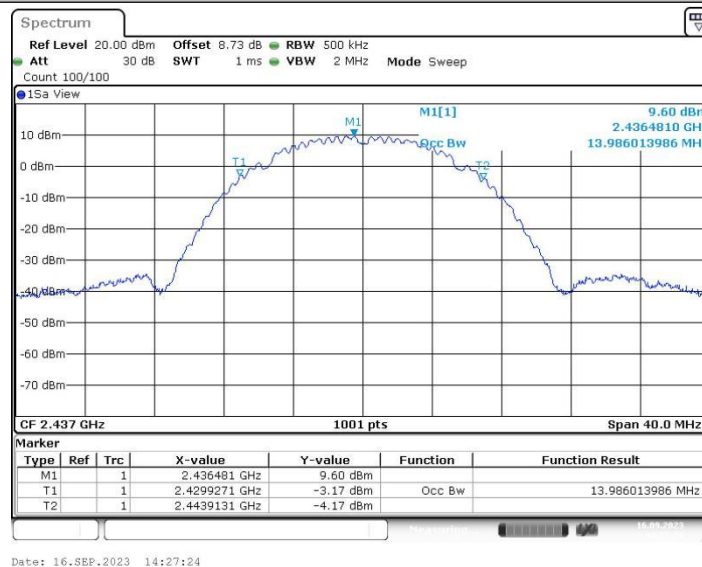
11B_Ant2_2412



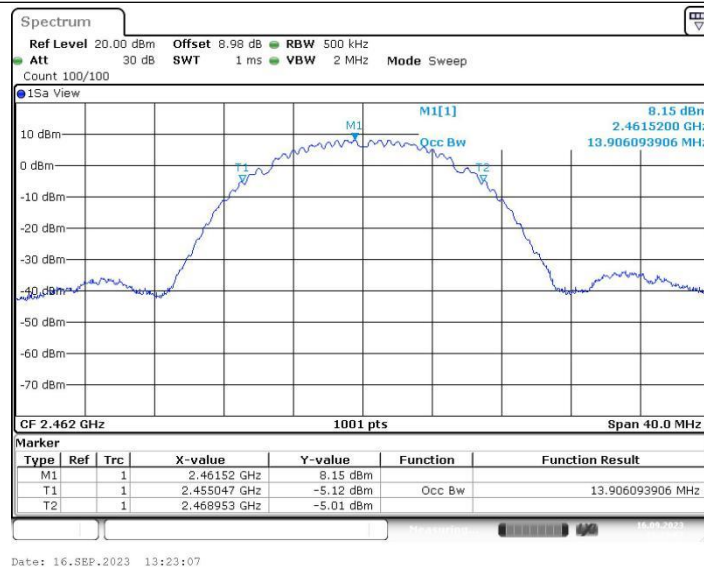
11B_Ant1_2437



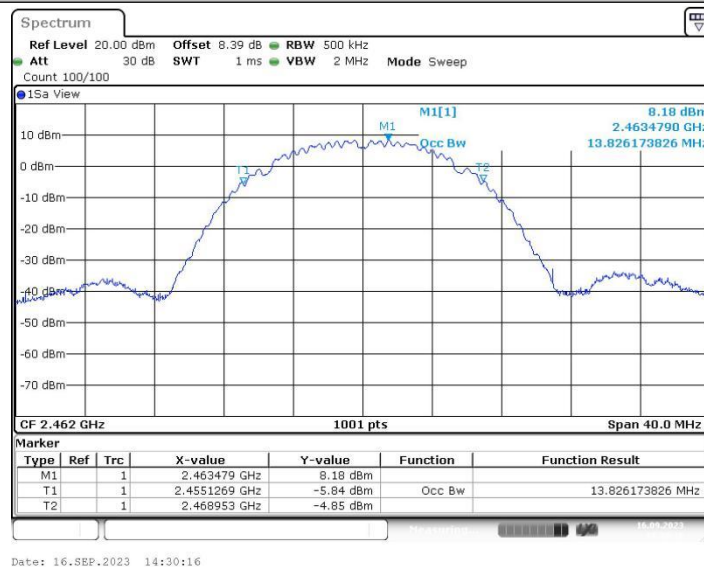
11B_Ant2_2437



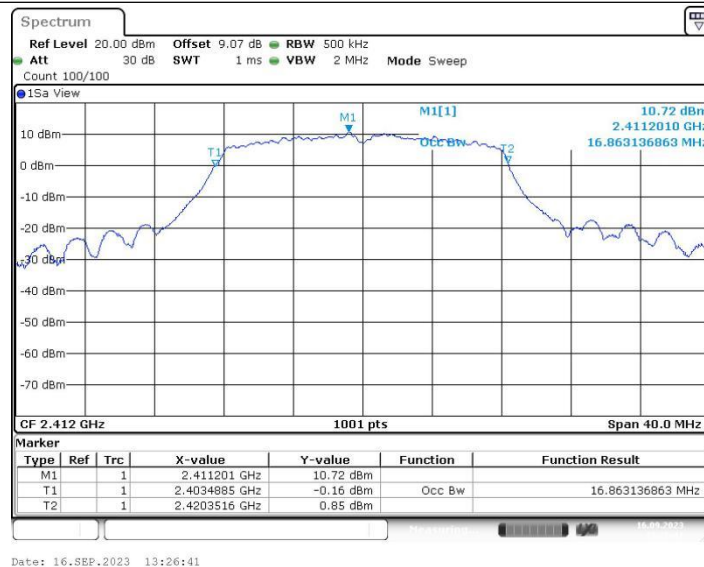
11B_Ant1_2462



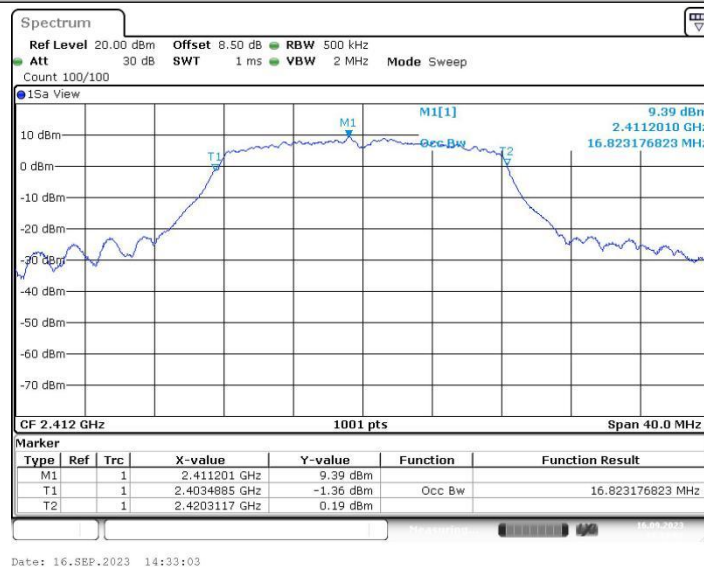
11B_Ant2_2462



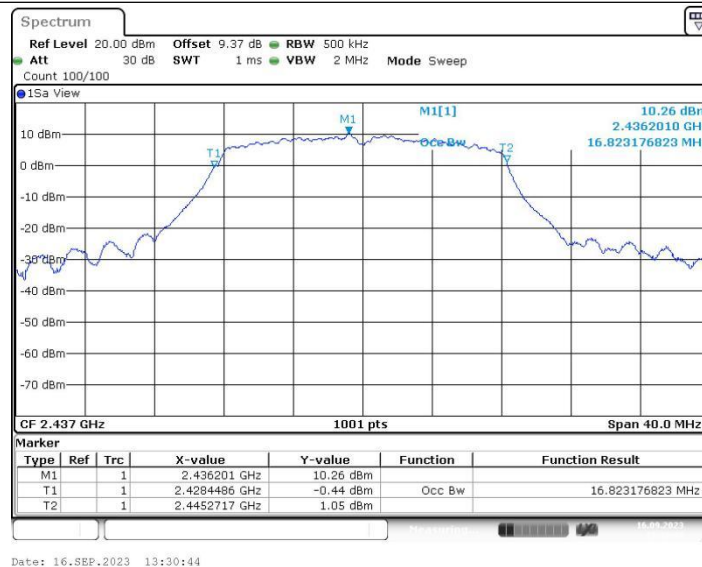
11G_Ant1_2412



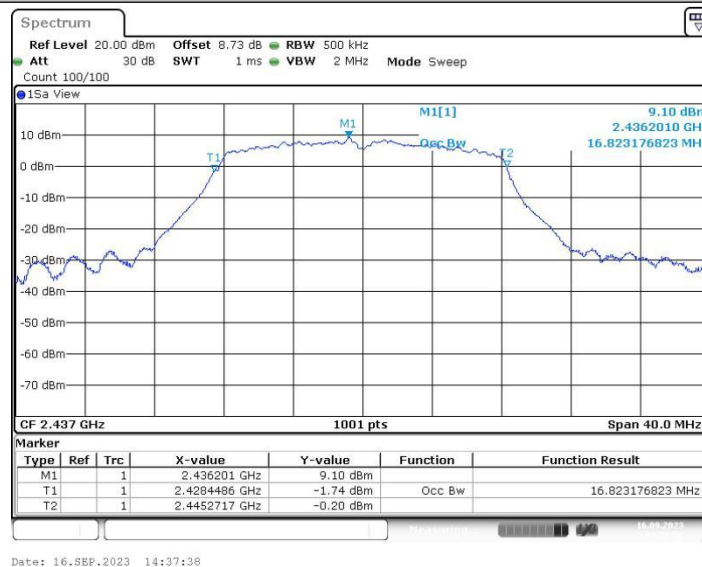
11G_Ant2_2412



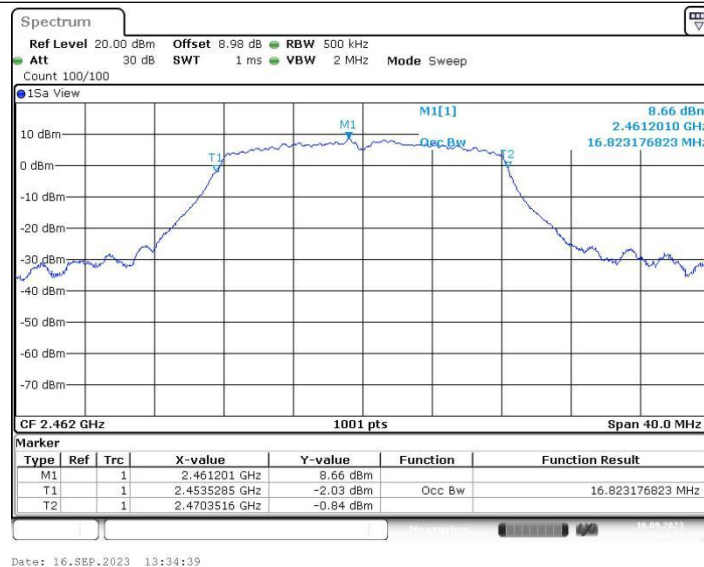
11G_Ant1_2437



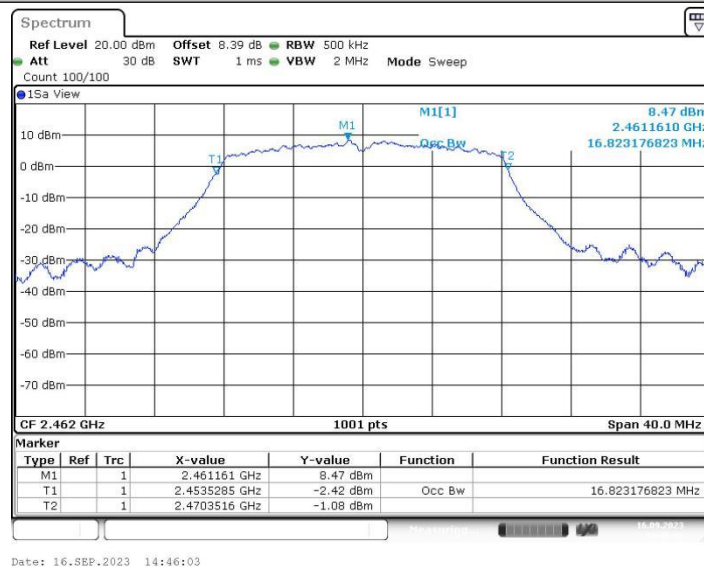
11G_Ant2_2437



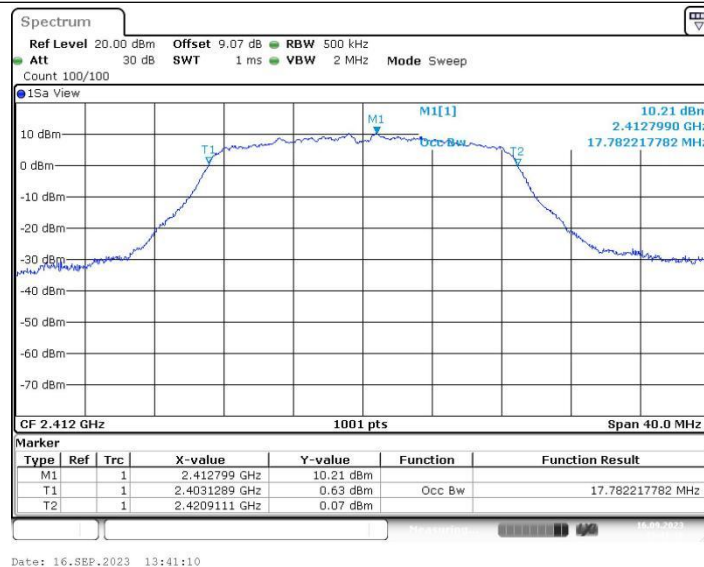
11G_Ant1_2462



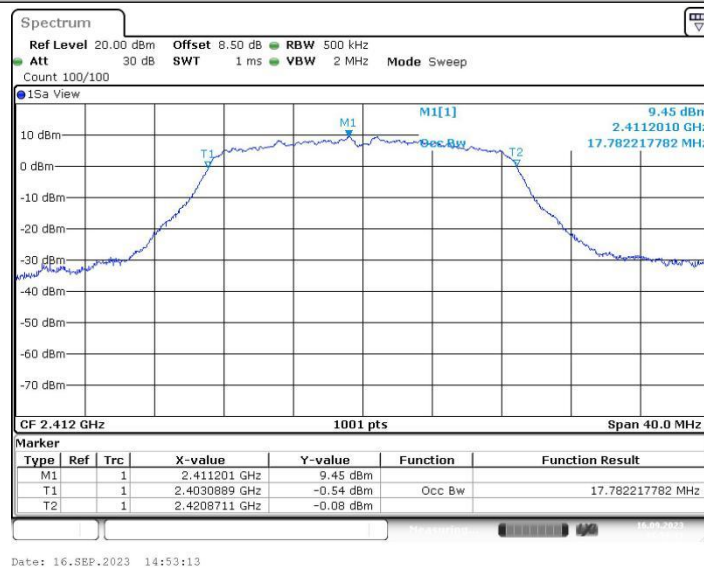
11G_Ant2_2462



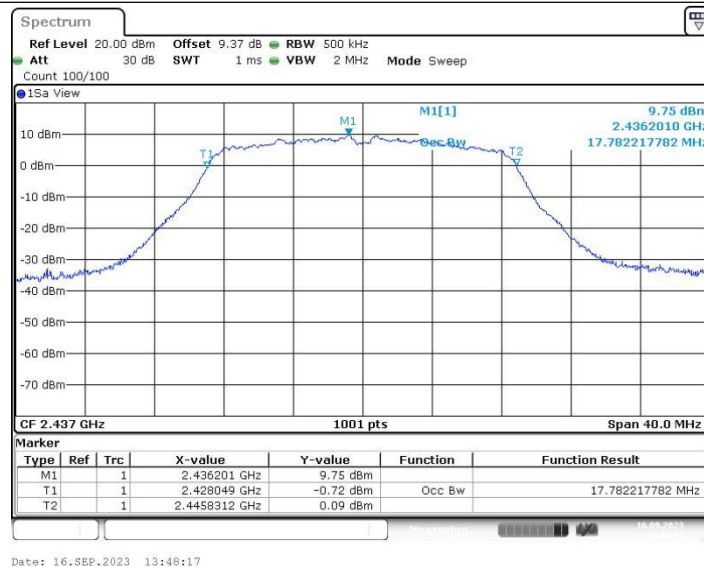
11N20SISO_Ant1_2412



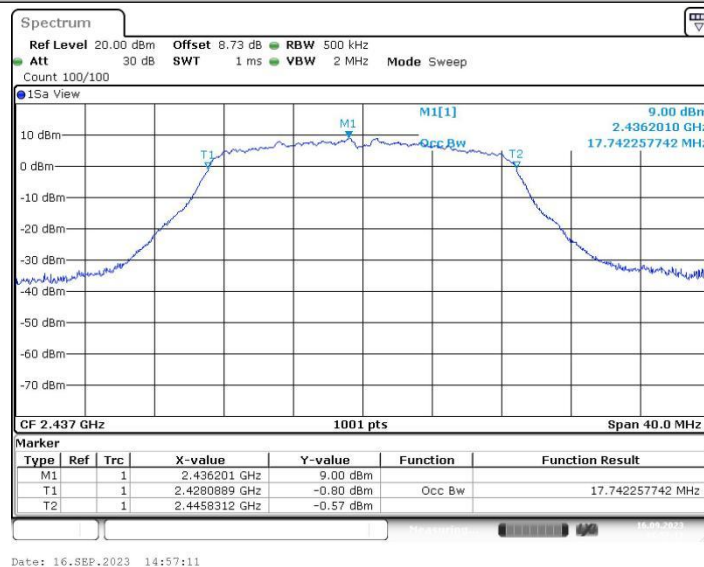
11N20SISO_Ant2_2412



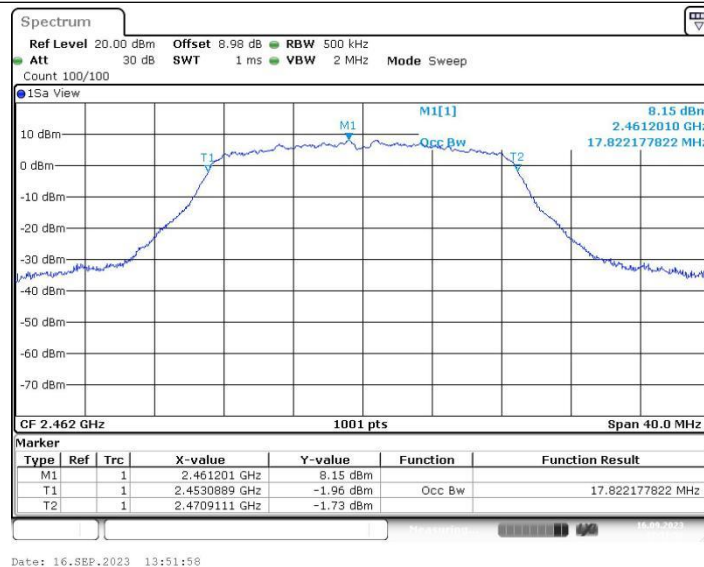
11N20SISO_Ant1_2437



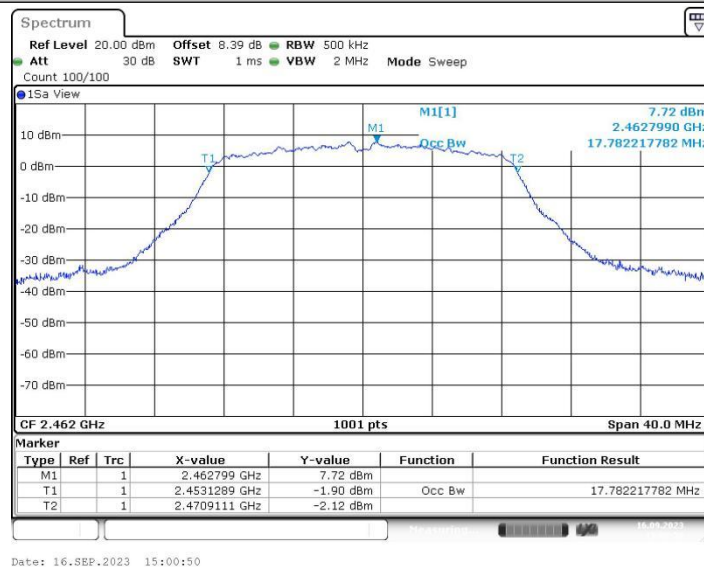
11N20SISO_Ant2_2437



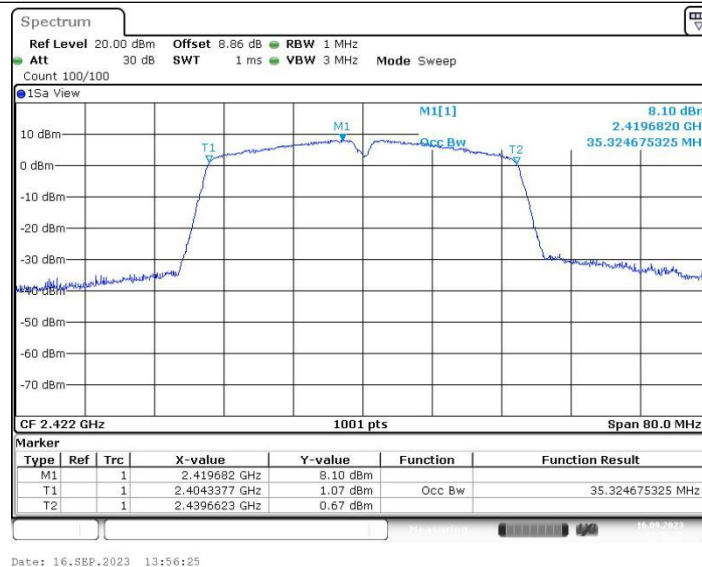
11N20SISO_Ant1_2462



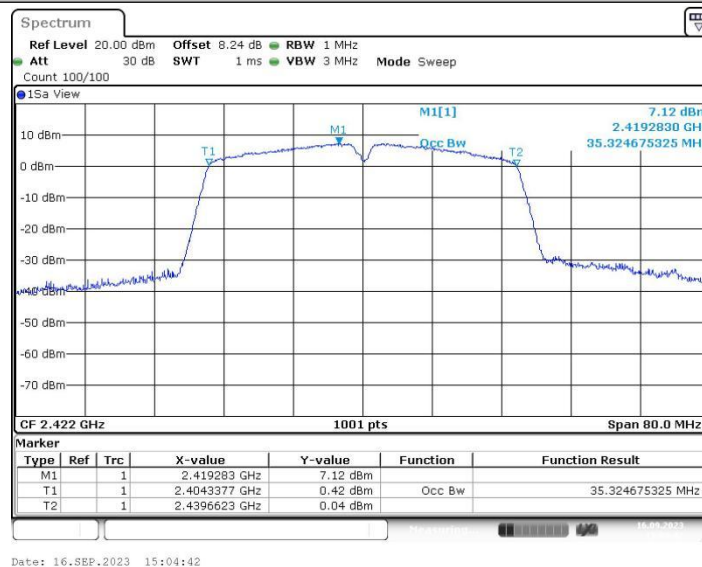
11N20SISO_Ant2_2462



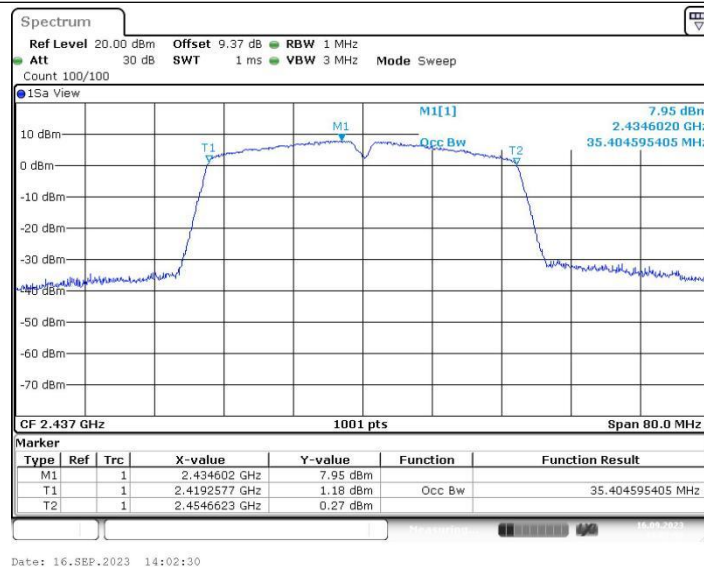
11N40SISO_Ant1_2422



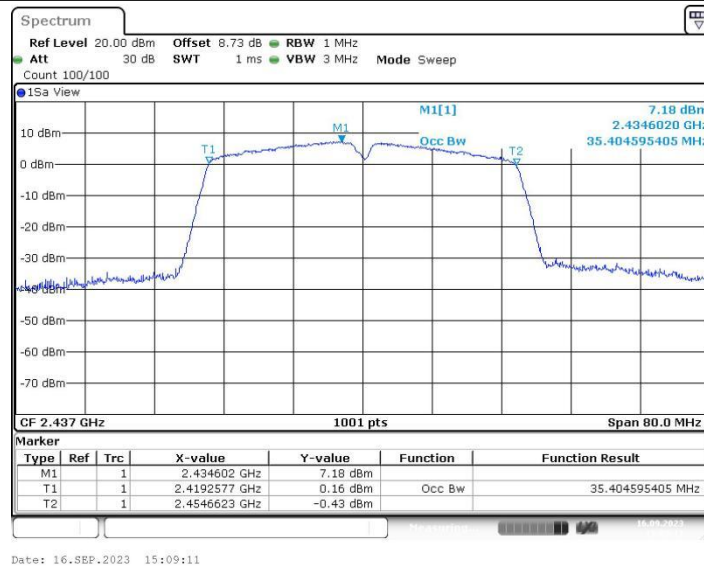
11N40SISO_Ant2_2422



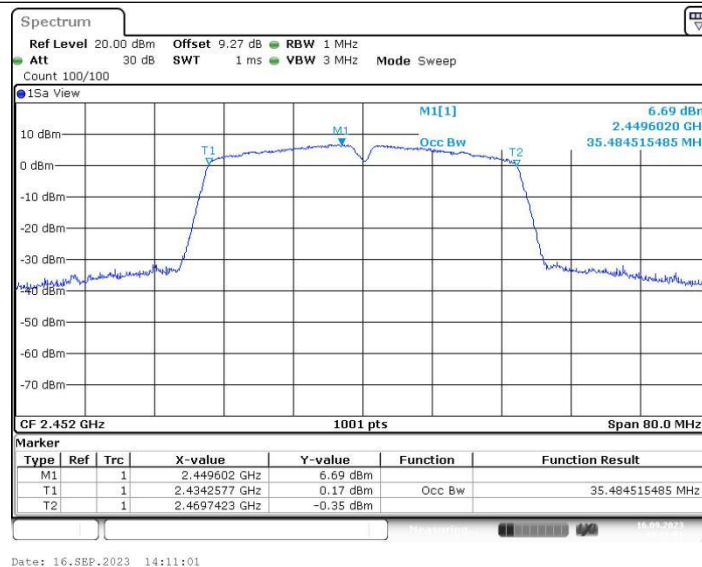
11N40SISO_Ant1_2437



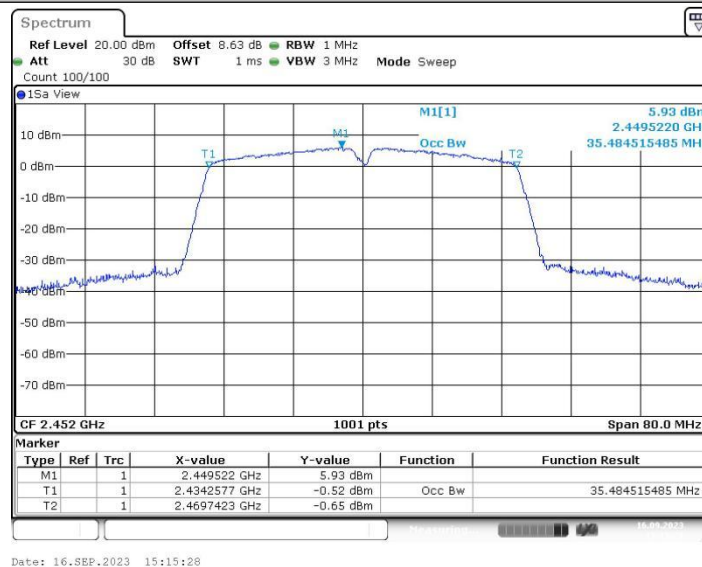
11N40SISO_Ant2_2437



11N40SISO_Ant1_2452



11N40SISO_Ant2_2452





Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	20.69	≤30.00	24.98	≤36.00	PASS
	Ant2	2412	19.88	≤30.00	23.56	≤36.00	PASS
	Ant1	2437	21.06	≤30.00	25.35	≤36.00	PASS
	Ant2	2437	20.24	≤30.00	23.92	≤36.00	PASS
	Ant1	2462	19.28	≤30.00	23.57	≤36.00	PASS
	Ant2	2462	18.75	≤30.00	22.43	≤36.00	PASS
11G	Ant1	2412	24.24	≤30.00	28.53	≤36.00	PASS
	Ant2	2412	23.62	≤30.00	27.30	≤36.00	PASS
	Ant1	2437	23.71	≤30.00	28.00	≤36.00	PASS
	Ant2	2437	23.14	≤30.00	26.82	≤36.00	PASS
	Ant1	2462	22.24	≤30.00	26.53	≤36.00	PASS
	Ant2	2462	21.86	≤30.00	25.54	≤36.00	PASS
11N20SIS O	Ant1	2412	23.84	≤30.00	28.13	≤36.00	PASS
	Ant2	2412	23.10	≤30.00	26.78	≤36.00	PASS
	Ant1	2437	23.37	≤30.00	27.66	≤36.00	PASS
	Ant2	2437	22.61	≤30.00	26.29	≤36.00	PASS
	Ant1	2462	21.85	≤30.00	26.14	≤36.00	PASS
	Ant2	2462	21.48	≤30.00	25.16	≤36.00	PASS
11N40SIS O	Ant1	2422	21.11	≤30.00	25.40	≤36.00	PASS
	Ant2	2422	20.30	≤30.00	23.98	≤36.00	PASS
	Ant1	2437	20.91	≤30.00	25.20	≤36.00	PASS
	Ant2	2437	20.09	≤30.00	23.77	≤36.00	PASS
	Ant1	2452	19.90	≤30.00	24.19	≤36.00	PASS
	Ant2	2452	19.23	≤30.00	22.91	≤36.00	PASS



Test Result Average

Test Mode	Antenna	Frequency [MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	16.89	100.00	0.00	16.89	≤30.00	4.29	21.18	≤36.00	PASS
	Ant2	2412	17.55	100.00	0.00	17.55	≤30.00	3.79	21.23	≤36.00	PASS
	Ant1	2437	17.03	100.00	0.00	17.03	≤30.00	4.29	21.32	≤36.00	PASS
	Ant2	2437	17.67	100.00	0.00	17.67	≤30.00	3.79	21.35	≤36.00	PASS
	Ant1	2462	16.20	100.00	0.00	16.20	≤30.00	4.29	20.49	≤36.00	PASS
	Ant2	2462	16.87	100.00	0.00	16.87	≤30.00	3.79	20.55	≤36.00	PASS
11G	Ant1	2412	15.27	100.00	0.00	15.27	≤30.00	4.29	19.56	≤36.00	PASS
	Ant2	2412	15.93	100.00	0.00	15.93	≤30.00	3.79	19.61	≤36.00	PASS
	Ant1	2437	14.57	100.00	0.00	14.57	≤30.00	4.29	18.86	≤36.00	PASS
	Ant2	2437	15.26	100.00	0.00	15.26	≤30.00	3.79	18.94	≤36.00	PASS
	Ant1	2462	13.89	100.00	0.00	13.89	≤30.00	4.29	18.18	≤36.00	PASS
	Ant2	2462	14.71	100.00	0.00	14.71	≤30.00	3.79	18.39	≤36.00	PASS
11N20SI SO	Ant1	2412	14.61	100.00	0.00	14.61	≤30.00	4.29	18.90	≤36.00	PASS
	Ant2	2412	15.25	100.00	0.00	15.25	≤30.00	3.79	18.93	≤36.00	PASS
	Ant1	2437	13.99	100.00	0.00	13.99	≤30.00	4.29	18.28	≤36.00	PASS
	Ant2	2437	14.64	100.00	0.00	14.64	≤30.00	3.79	18.32	≤36.00	PASS
	Ant1	2462	13.30	100.00	0.00	13.30	≤30.00	4.29	17.59	≤36.00	PASS
	Ant2	2462	14.11	100.00	0.00	14.11	≤30.00	3.79	17.79	≤36.00	PASS
11N40SI SO	Ant1	2422	12.30	100.00	0.00	12.30	≤30.00	4.29	16.59	≤36.00	PASS
	Ant2	2422	12.99	100.00	0.00	12.99	≤30.00	3.79	16.67	≤36.00	PASS
	Ant1	2437	11.84	100.00	0.00	11.84	≤30.00	4.29	16.13	≤36.00	PASS
	Ant2	2437	12.50	100.00	0.00	12.50	≤30.00	3.79	16.18	≤36.00	PASS
	Ant1	2452	11.28	100.00	0.00	11.28	≤30.00	4.29	15.57	≤36.00	PASS
	Ant2	2452	12.02	100.00	0.00	12.02	≤30.00	3.79	15.70	≤36.00	PASS



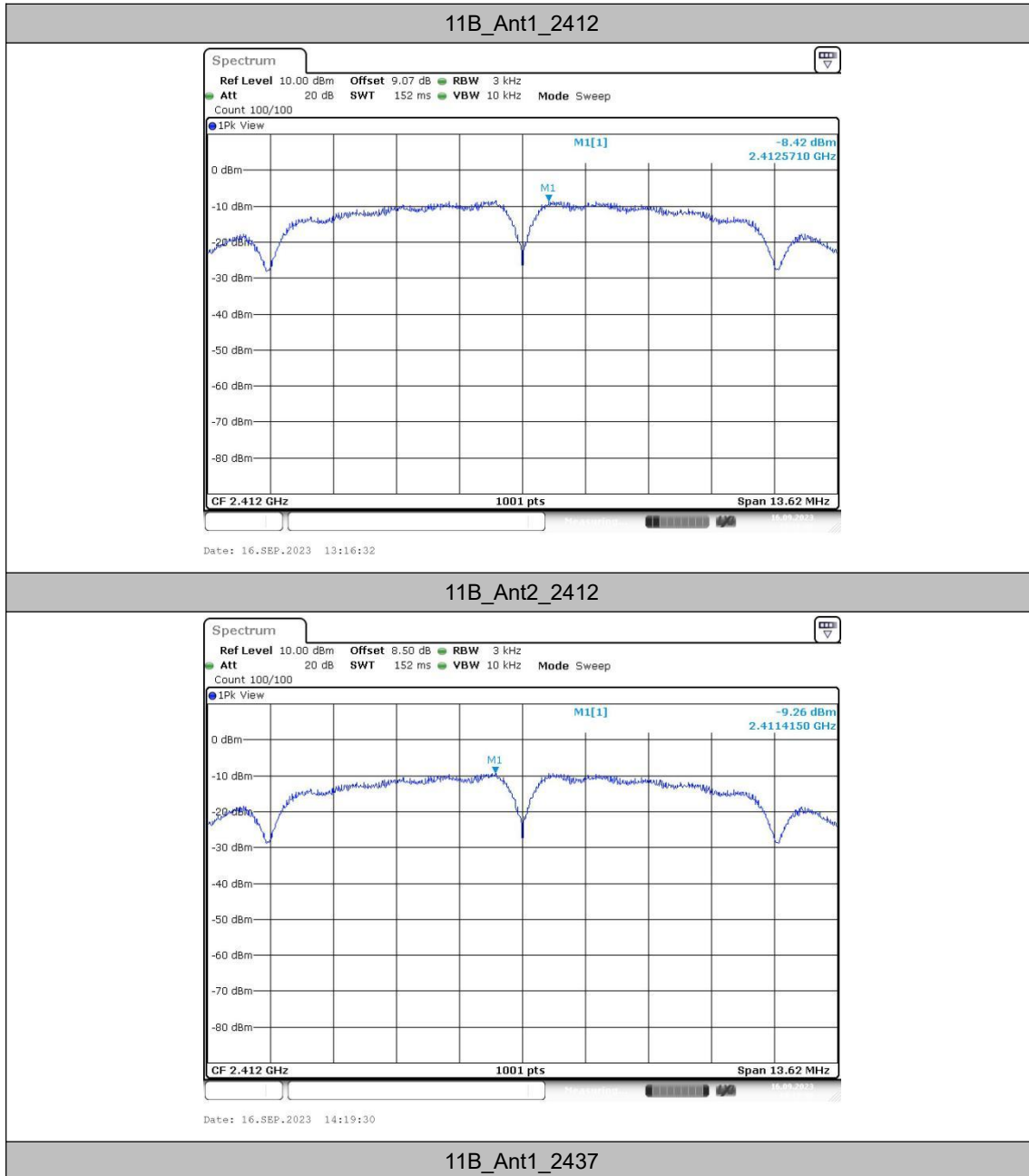
Appendix D: Maximum power spectral density

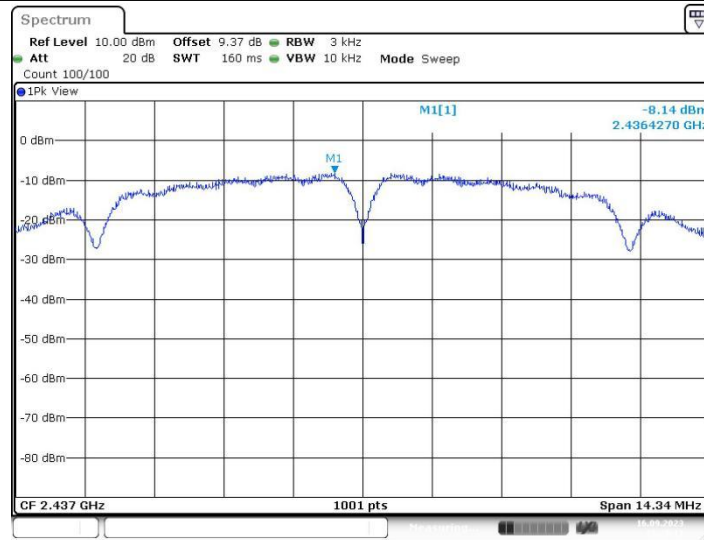
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.42	≤8.00	PASS
	Ant2	2412	-9.26	≤8.00	PASS
	Ant1	2437	-8.14	≤8.00	PASS
	Ant2	2437	-8.84	≤8.00	PASS
	Ant1	2462	-9.76	≤8.00	PASS
	Ant2	2462	-10.14	≤8.00	PASS
11G	Ant1	2412	-11.52	≤8.00	PASS
	Ant2	2412	-12.23	≤8.00	PASS
	Ant1	2437	-11.9	≤8.00	PASS
	Ant2	2437	-12.64	≤8.00	PASS
	Ant1	2462	-13.44	≤8.00	PASS
	Ant2	2462	-13.82	≤8.00	PASS
11N20SISO	Ant1	2412	-11.13	≤8.00	PASS
	Ant2	2412	-11.86	≤8.00	PASS
	Ant1	2437	-11.77	≤8.00	PASS
	Ant2	2437	-12.35	≤8.00	PASS
	Ant1	2462	-12.89	≤8.00	PASS
	Ant2	2462	-13.21	≤8.00	PASS
11N40SISO	Ant1	2422	-14.55	≤8.00	PASS
	Ant2	2422	-15.34	≤8.00	PASS
	Ant1	2437	-14.48	≤8.00	PASS
	Ant2	2437	-15.22	≤8.00	PASS
	Ant1	2452	-15.78	≤8.00	PASS
	Ant2	2452	-17.75	≤8.00	PASS



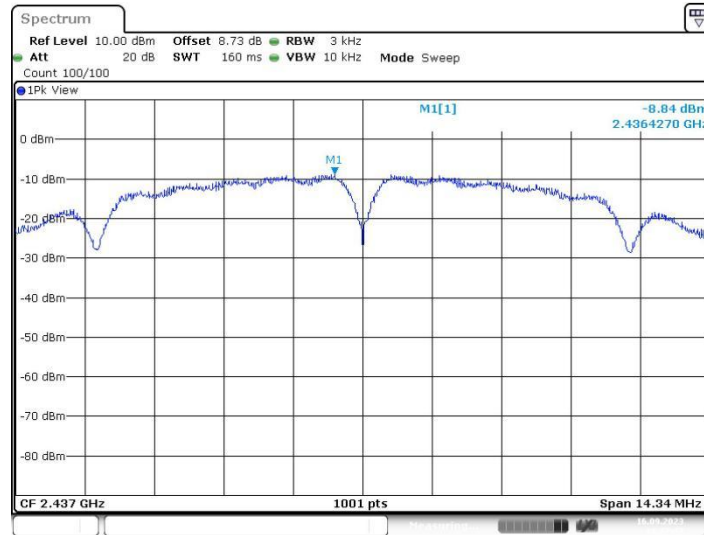
Test Graphs





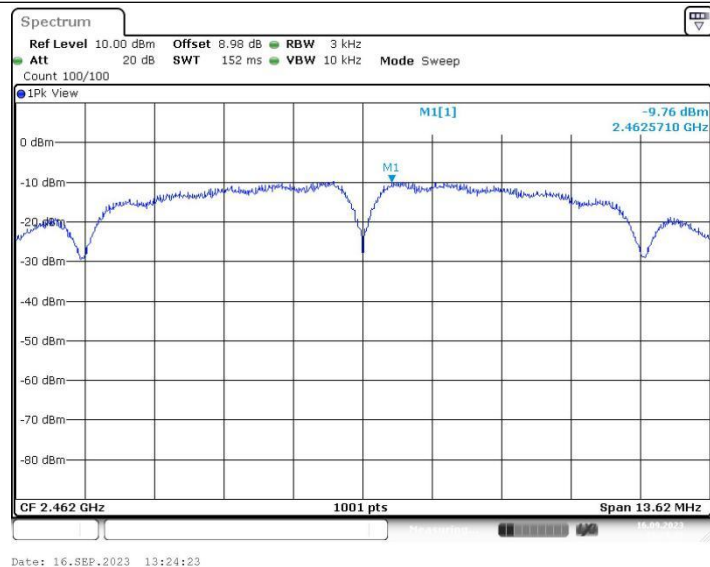
Date: 16.SEP.2023 13:20:11

11B_Ant2_2437

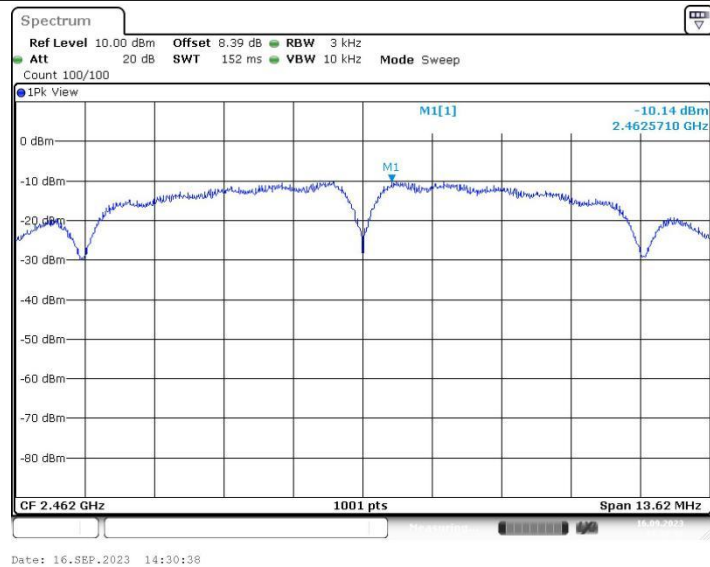


Date: 16.SEP.2023 14:27:47

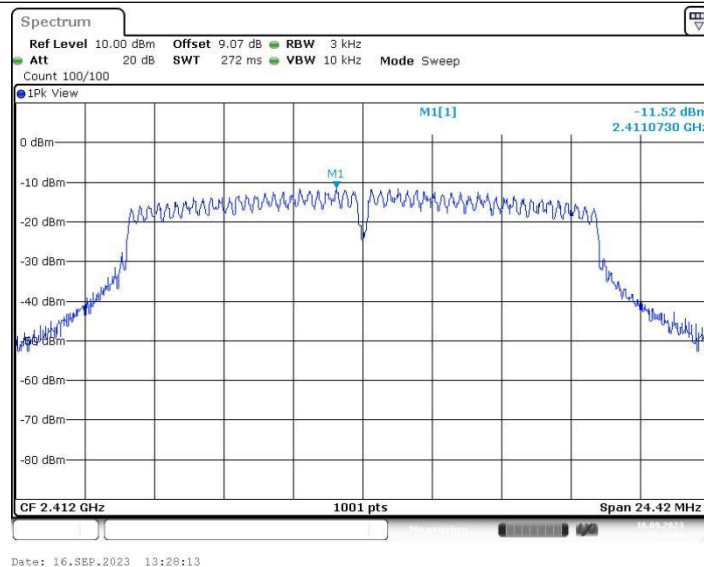
11B_Ant1_2462



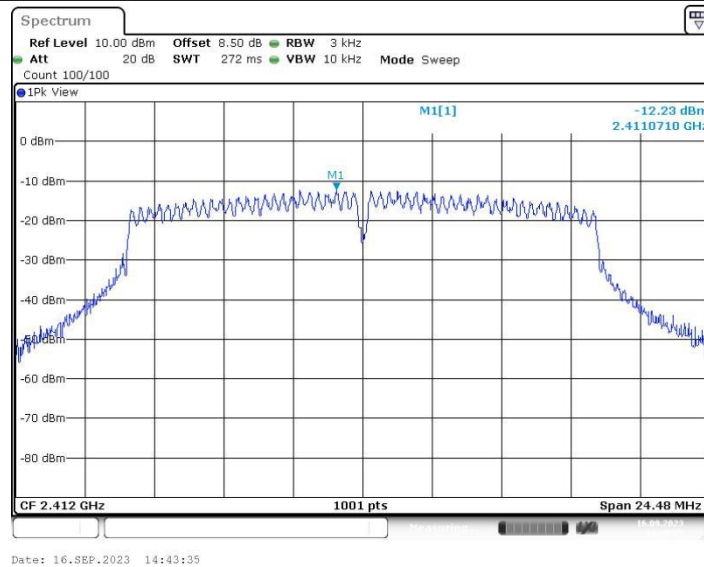
11B_Ant2_2462



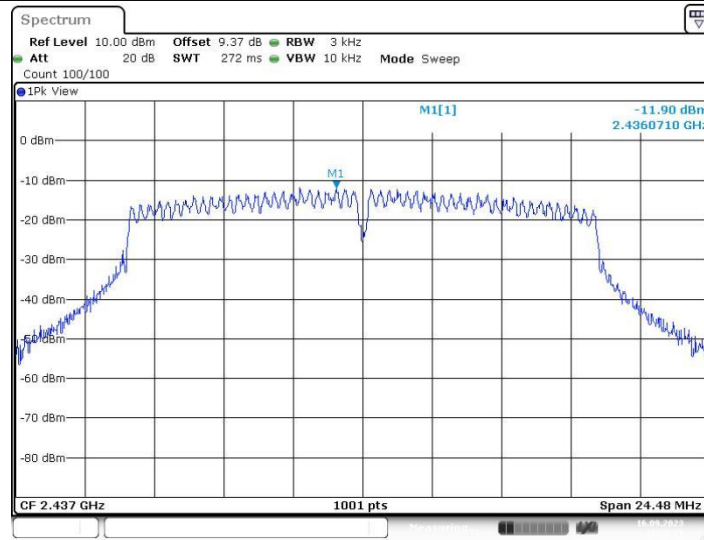
11G_Ant1_2412



11G_Ant2_2412

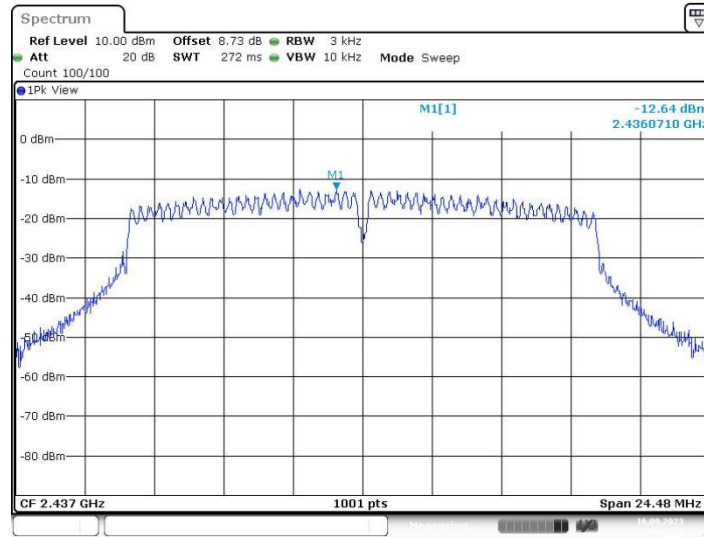


11G_Ant1_2437



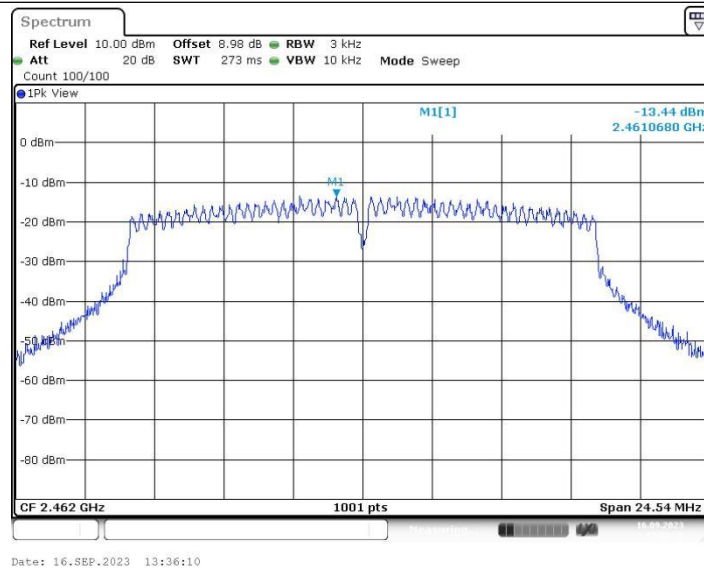
Date: 16.SEP.2023 13:32:15

11G_Ant2_2437

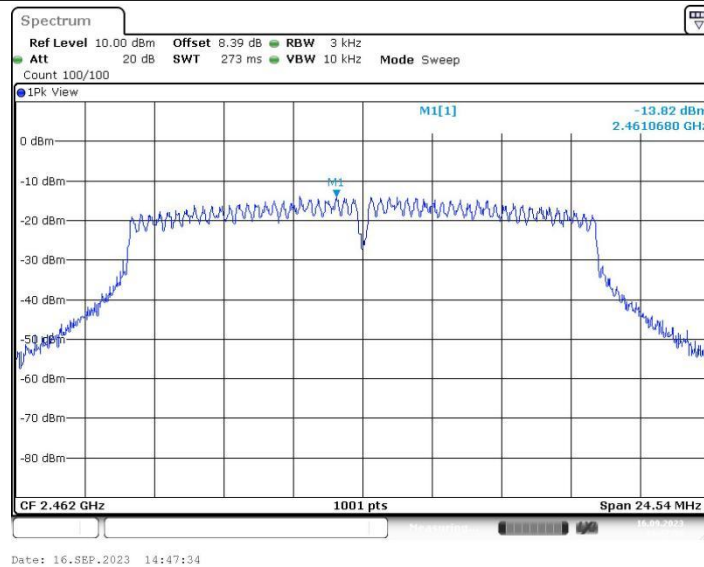


Date: 16.SEP.2023 14:45:21

11G_Ant1_2462



11G_Ant2_2462



11N20SISO_Ant1_2412