



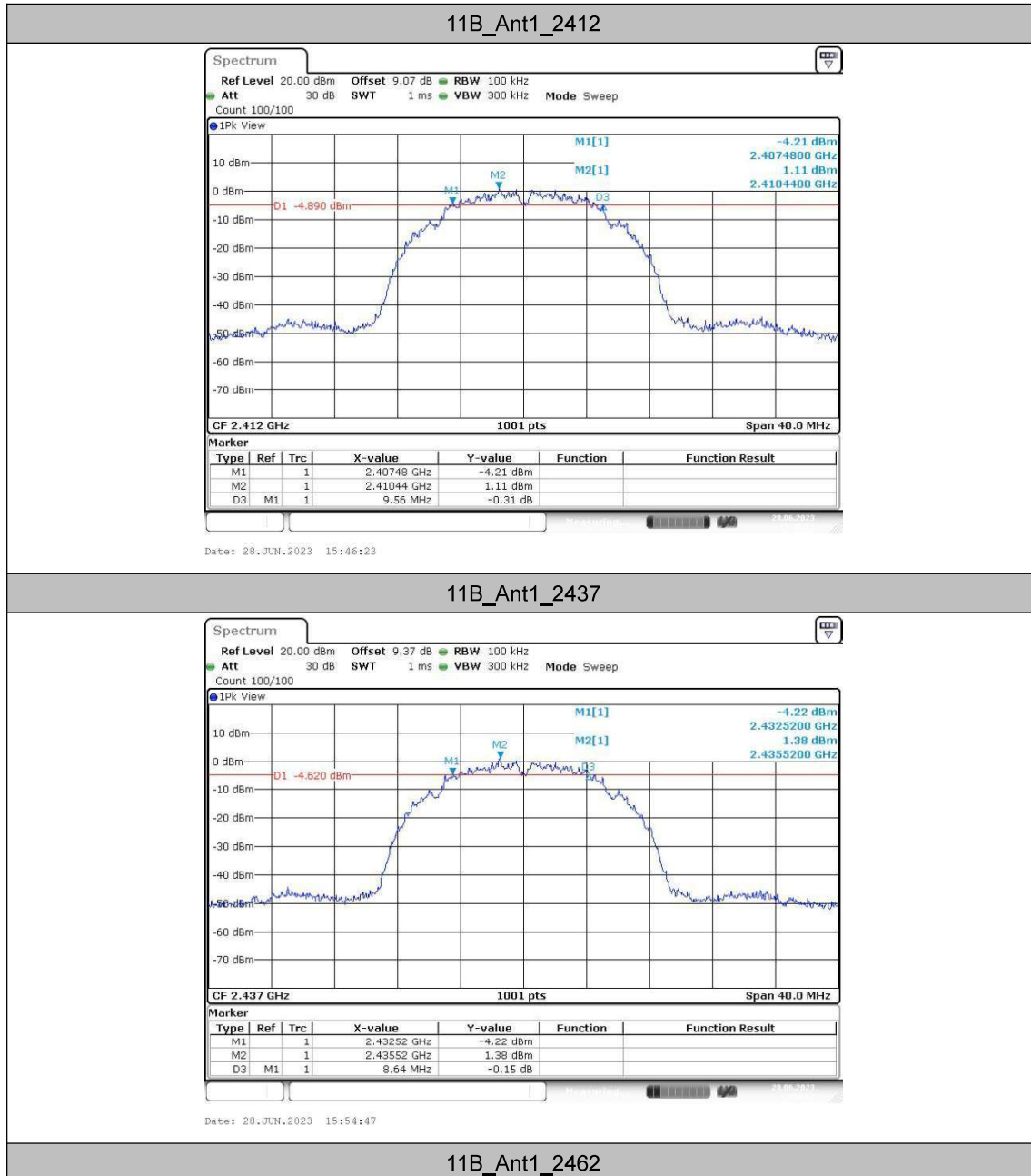
Appendix A: 6dB bandwidth

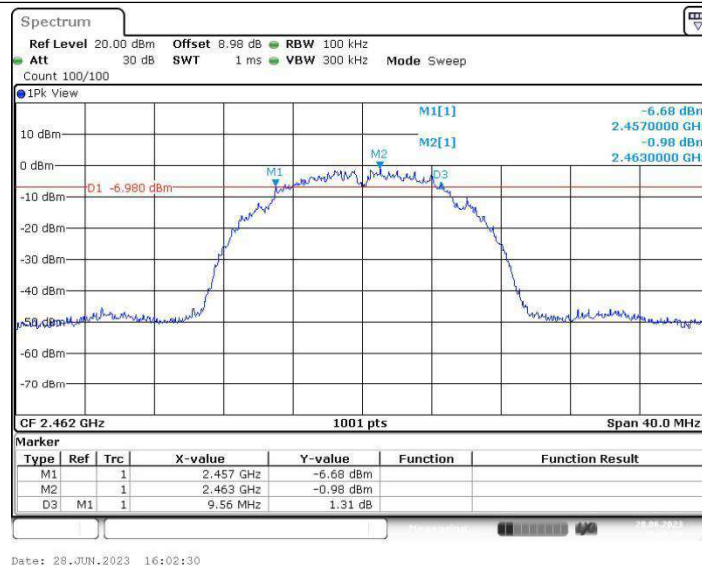
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.56	2407.48	2417.04	0.5	PASS
		2437	8.64	2432.52	2441.16	0.5	PASS
		2462	9.56	2457.00	2466.56	0.5	PASS
11G	Ant1	2412	16.36	2403.84	2420.20	0.5	PASS
		2437	16.36	2428.84	2445.20	0.5	PASS
		2462	16.36	2453.84	2470.20	0.5	PASS
11N20SISO	Ant1	2412	16.80	2403.60	2420.40	0.5	PASS
		2437	16.76	2428.64	2445.40	0.5	PASS
		2462	16.84	2453.60	2470.44	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

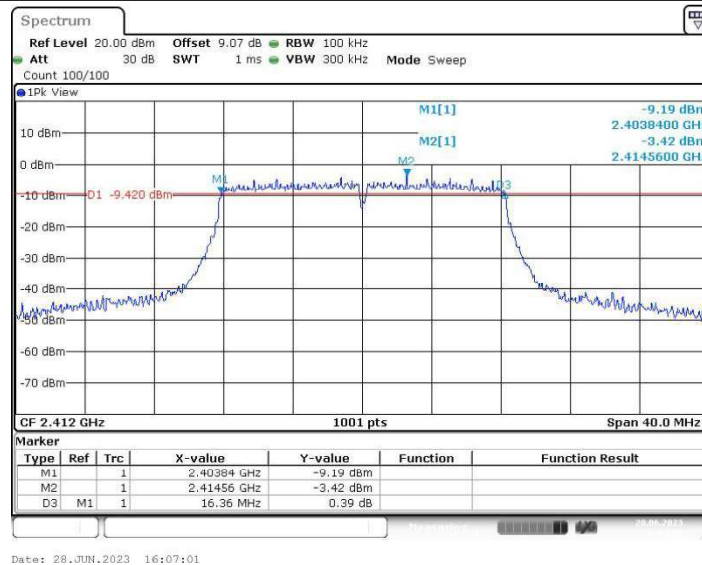


Test Graphs

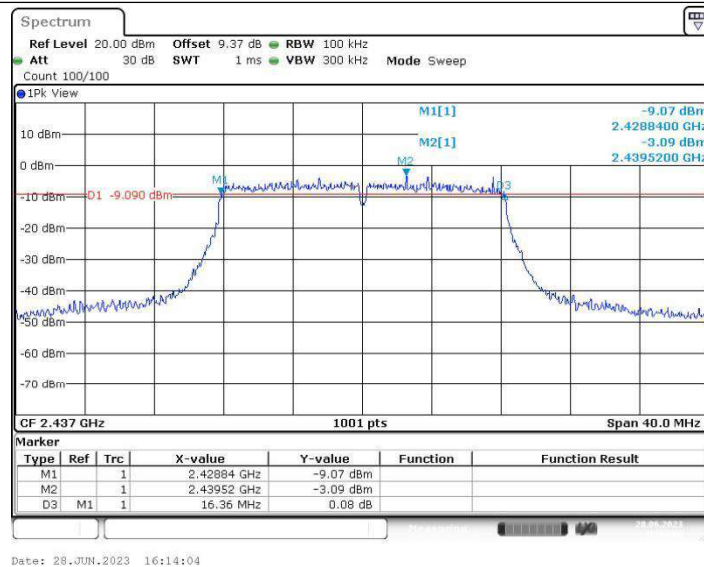




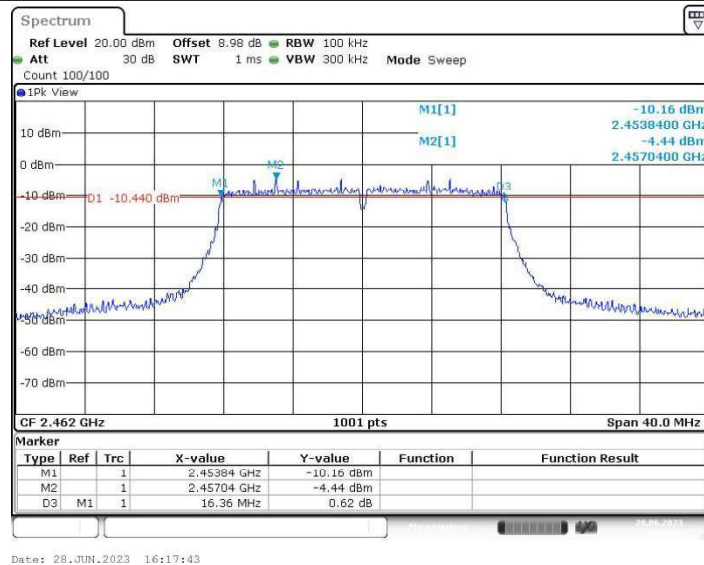
11G_Ant1_2412



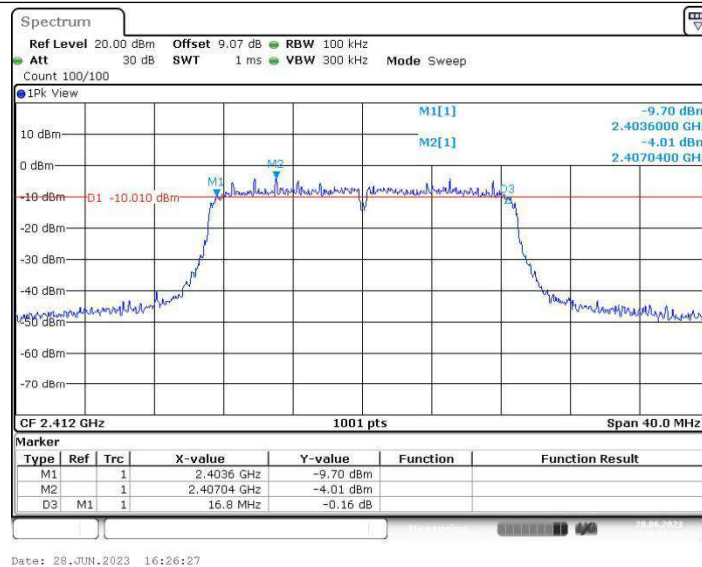
11G_Ant1_2437



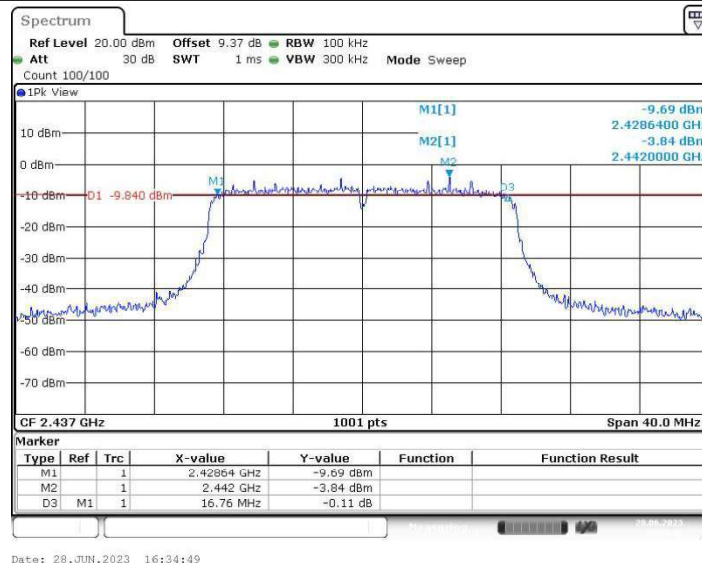
11G_Ant1_2462



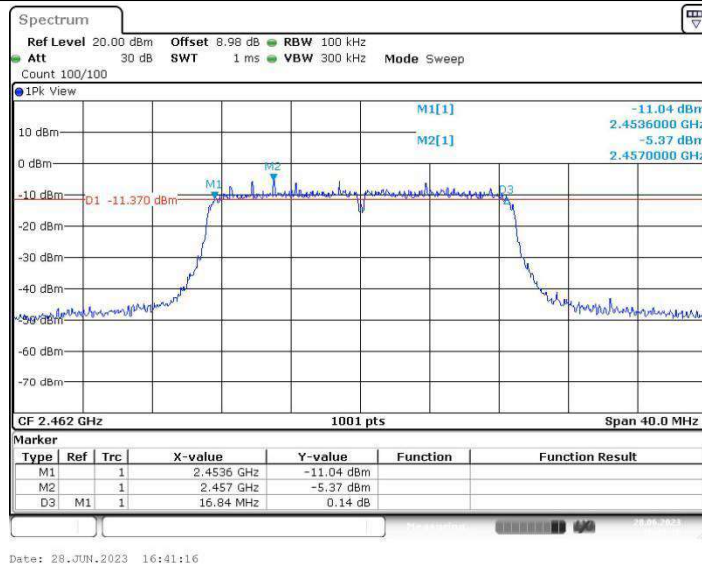
11N20SISO_Ant1_2412



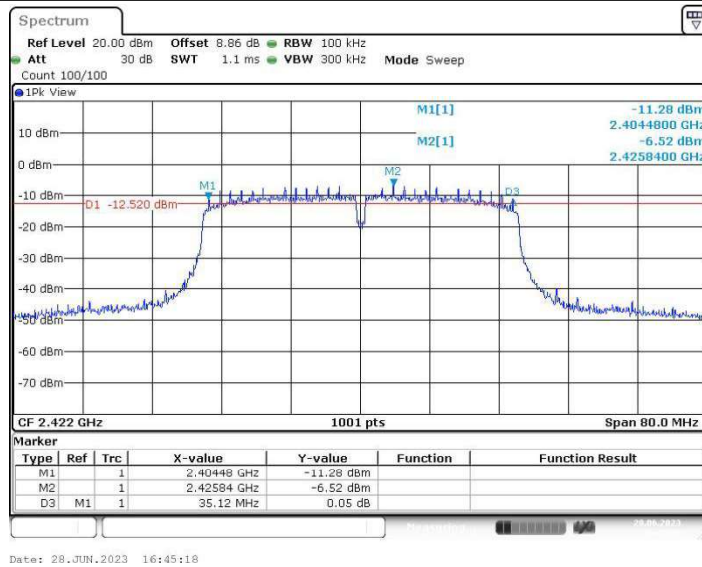
11N20SISO_Ant1_2437



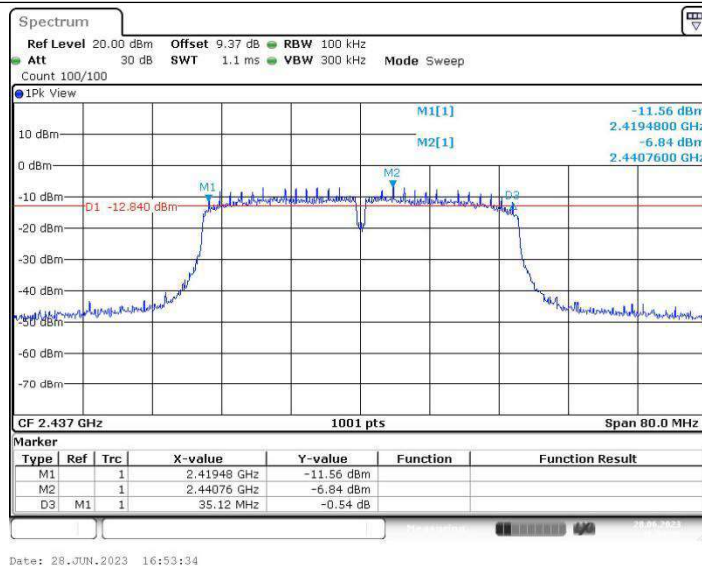
11N20SISO_Ant1_2462



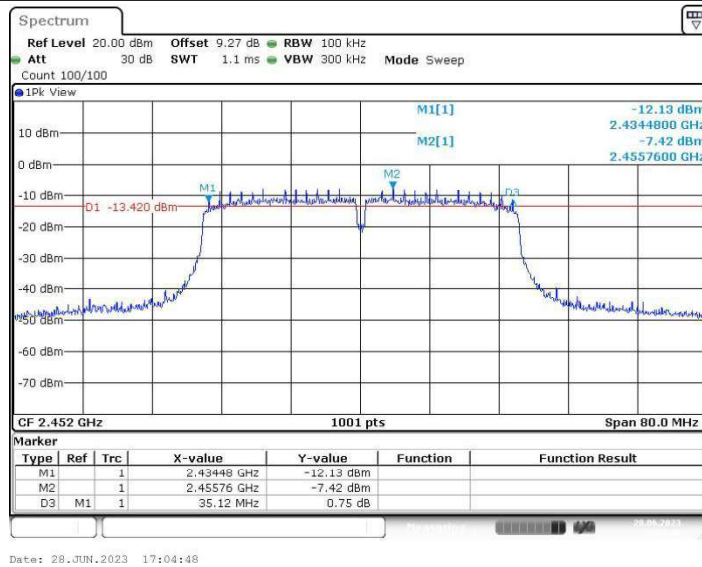
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452





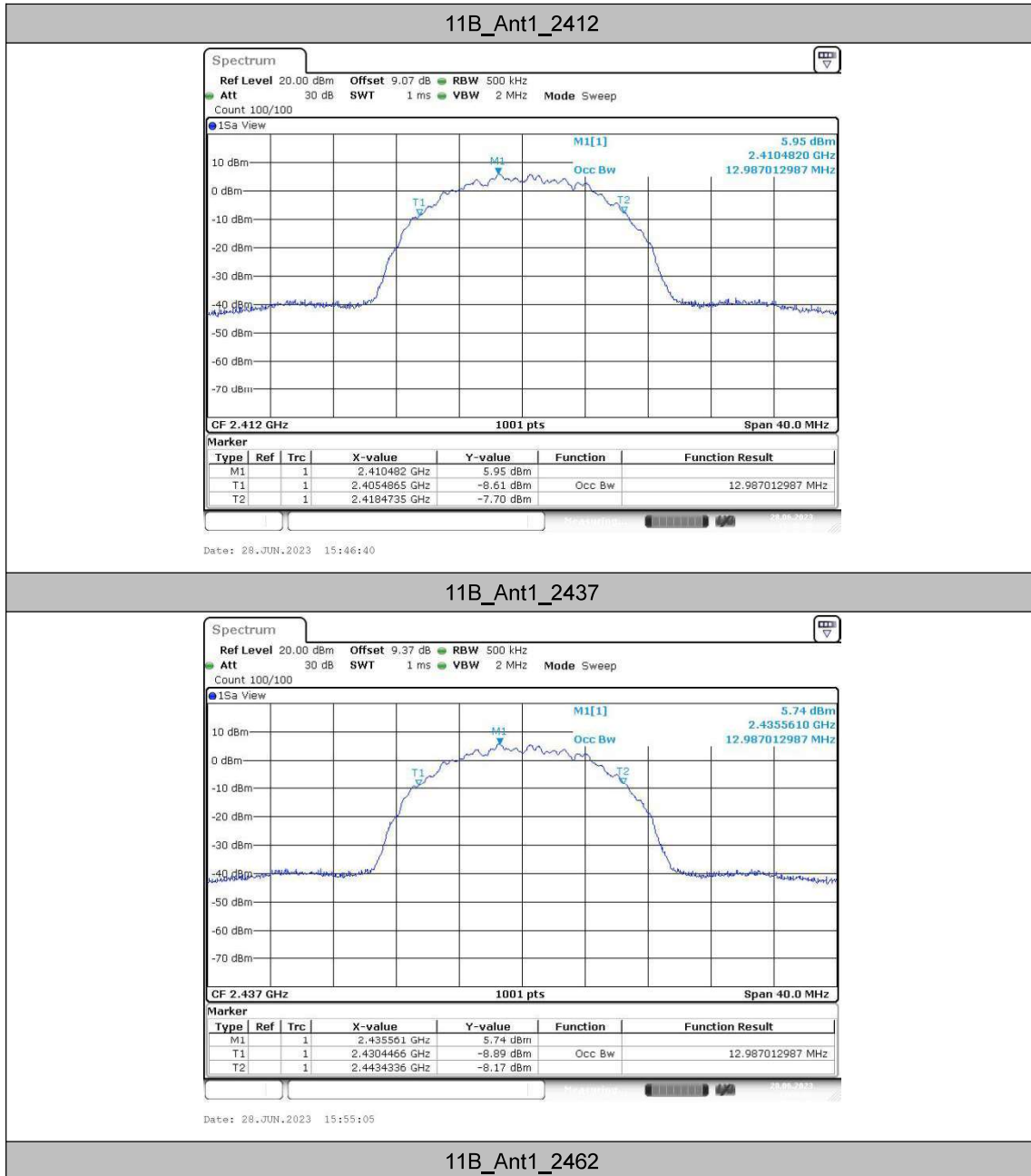
Appendix B: Occupied Channel Bandwidth

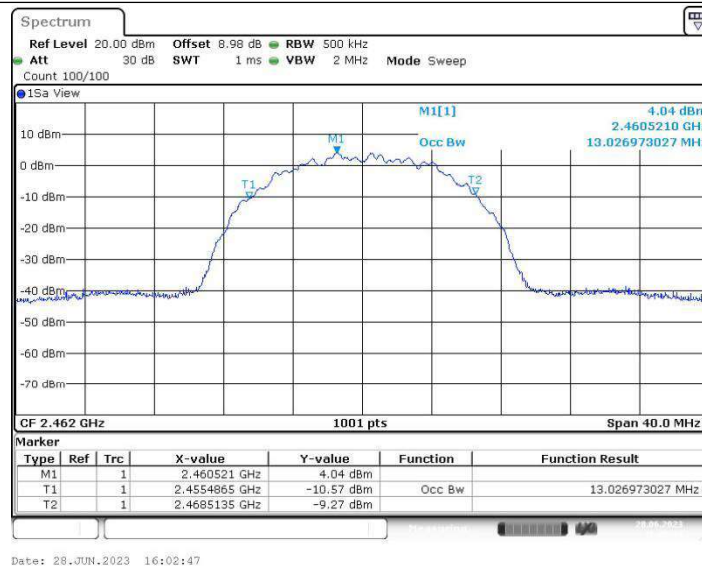
Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.987	2405.487	2418.474	---	---
		2437	12.987	2430.447	2443.434	---	---
		2462	13.027	2455.487	2468.513	---	---
11G	Ant1	2412	16.823	2403.608	2420.432	---	---
		2437	16.823	2428.568	2445.392	---	---
		2462	16.863	2453.608	2470.472	---	---
11N20SISO	Ant1	2412	17.542	2403.249	2420.791	---	---
		2437	17.502	2428.249	2445.751	---	---
		2462	17.582	2453.249	2470.831	---	---
11N40SISO	Ant1	2422	35.884	2404.098	2439.982	---	---
		2437	35.964	2419.018	2454.982	---	---
		2452	36.204	2433.938	2470.142	---	---



Test Graphs

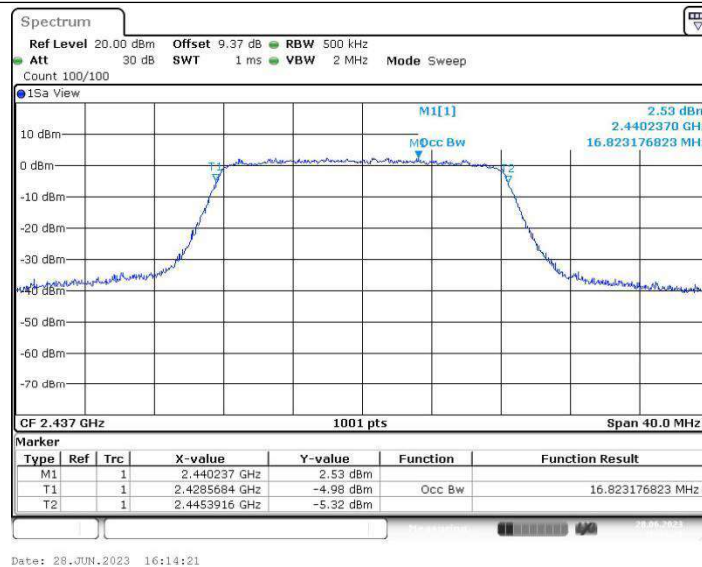




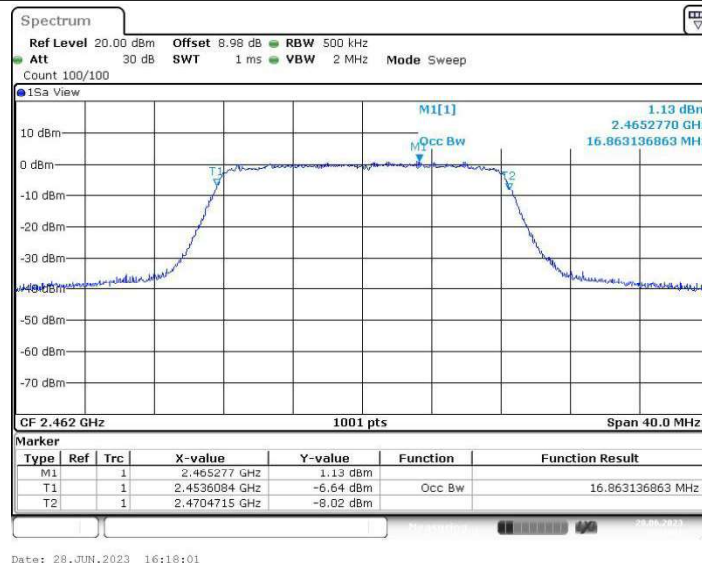
11G_Ant1_2412



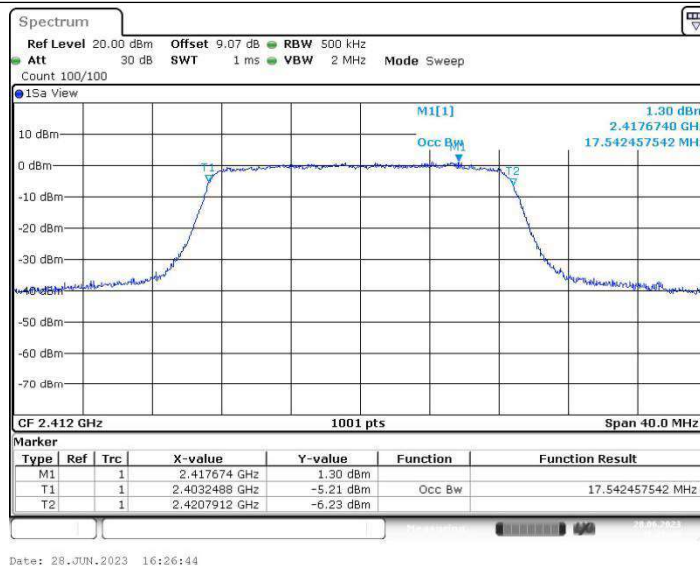
11G_Ant1_2437



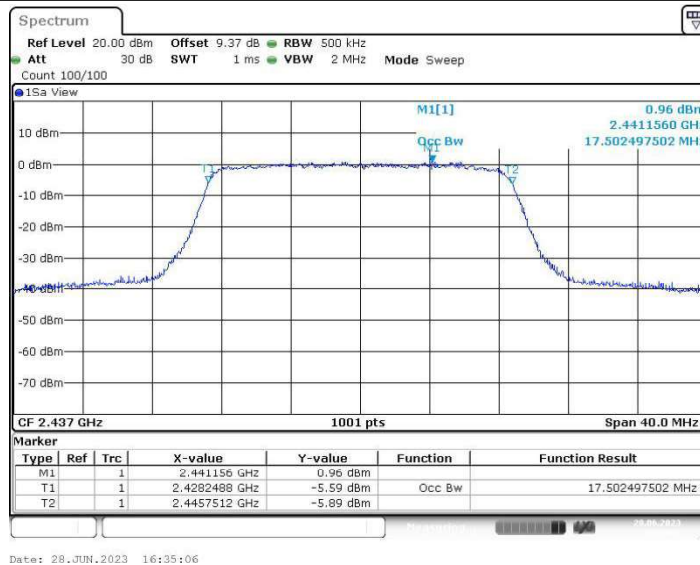
11G_Ant1_2462



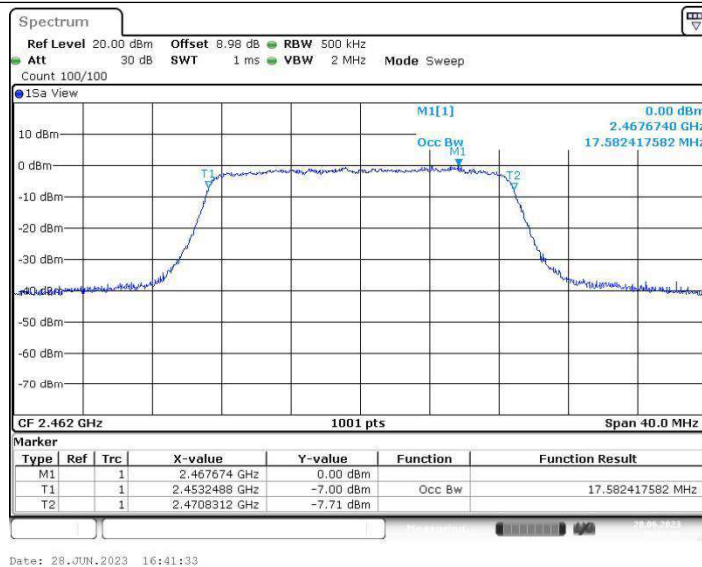
11N20SISO_Ant1_2412



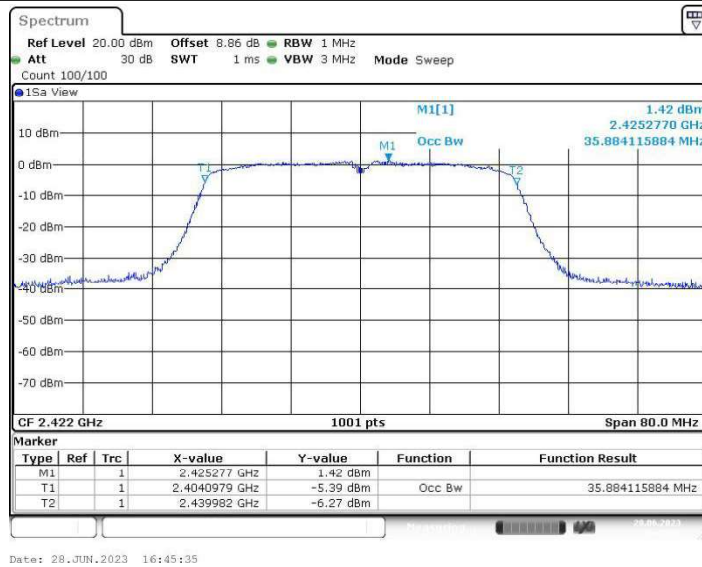
11N20SISO_Ant1_2437



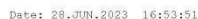
11N20SISO_Ant1_2462



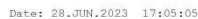
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452





Appendix C: Conducted Output power

Test Result Peak

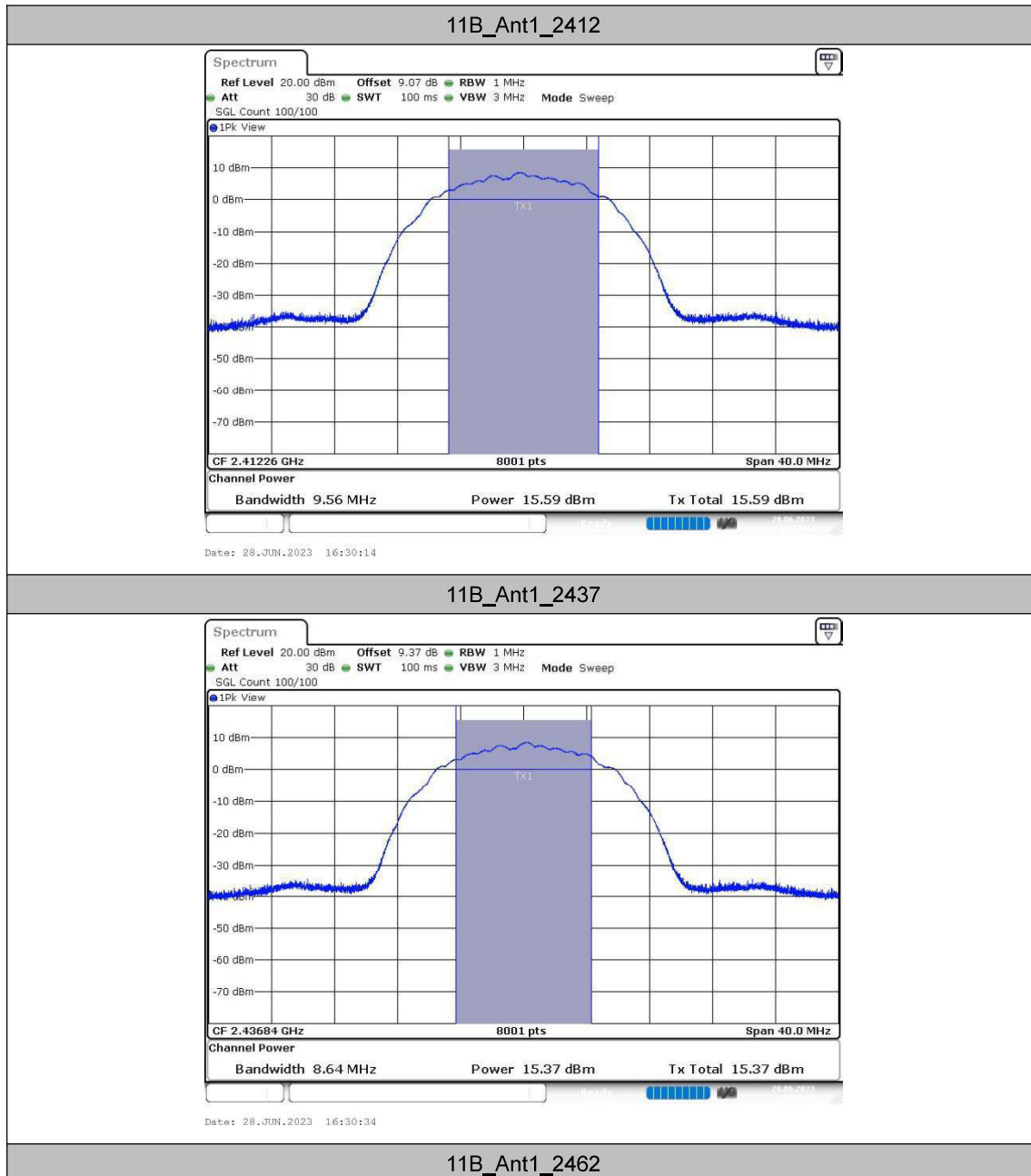
TestMode	Antenna	Frequen cy[MHz]	Set Power	Peak Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	---	15.59	≤30.00	16.94	≤36.00	PASS
		2437	---	15.37	≤30.00	16.72	≤36.00	PASS
		2462	---	14.02	≤30.00	15.37	≤36.00	PASS
11G	Ant1	2412	---	16.54	≤30.00	17.89	≤36.00	PASS
		2437	---	16.52	≤30.00	17.87	≤36.00	PASS
		2462	---	14.90	≤30.00	16.25	≤36.00	PASS
11N20SIS O	Ant1	2412	---	15.04	≤30.00	16.39	≤36.00	PASS
		2437	---	15.13	≤30.00	16.48	≤36.00	PASS
		2462	---	13.74	≤30.00	15.09	≤36.00	PASS
11N40SIS O	Ant1	2422	---	15.03	≤30.00	16.38	≤36.00	PASS
		2437	---	14.97	≤30.00	16.32	≤36.00	PASS
		2452	---	14.22	≤30.00	15.57	≤36.00	PASS

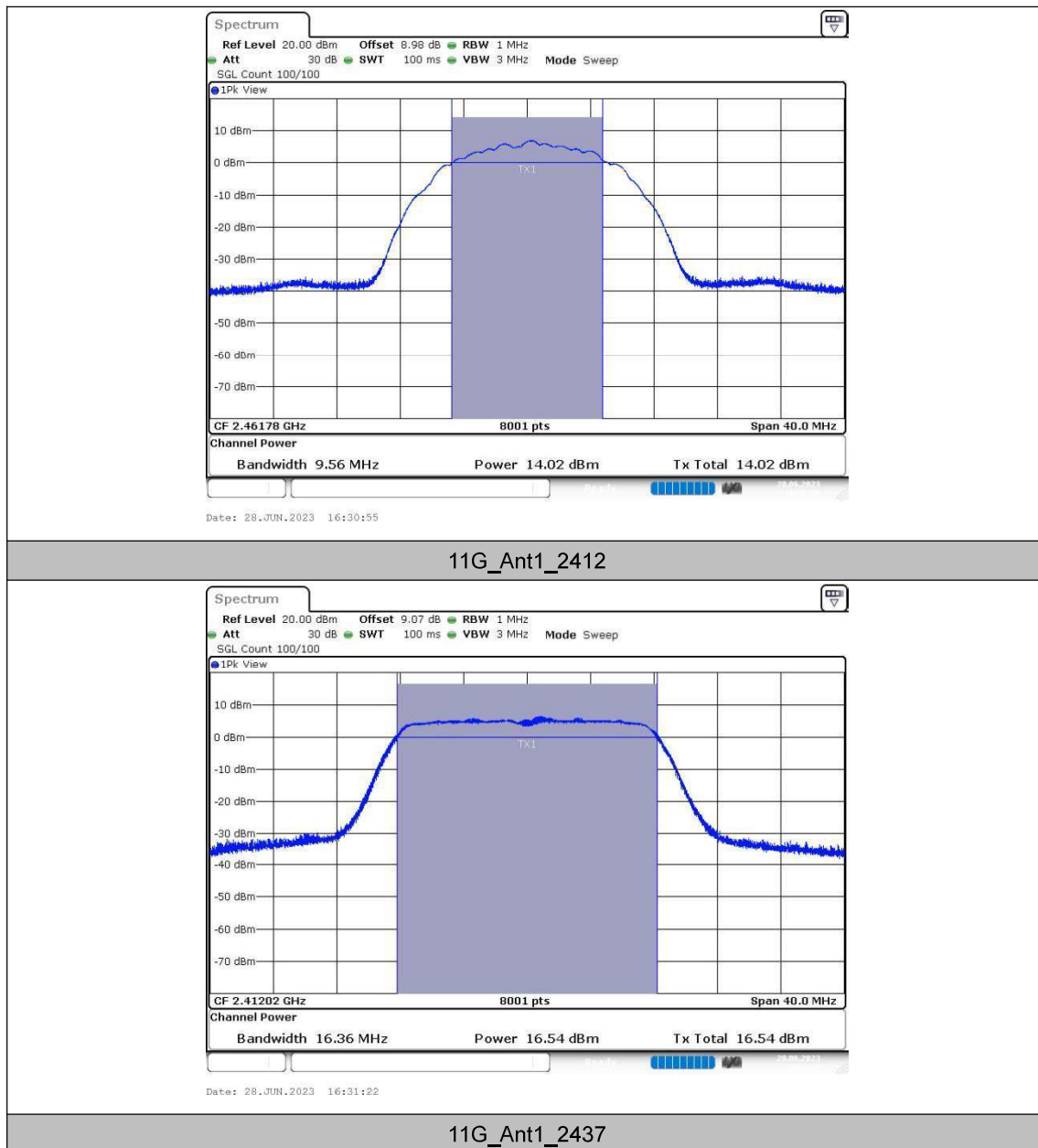
Test Result Average

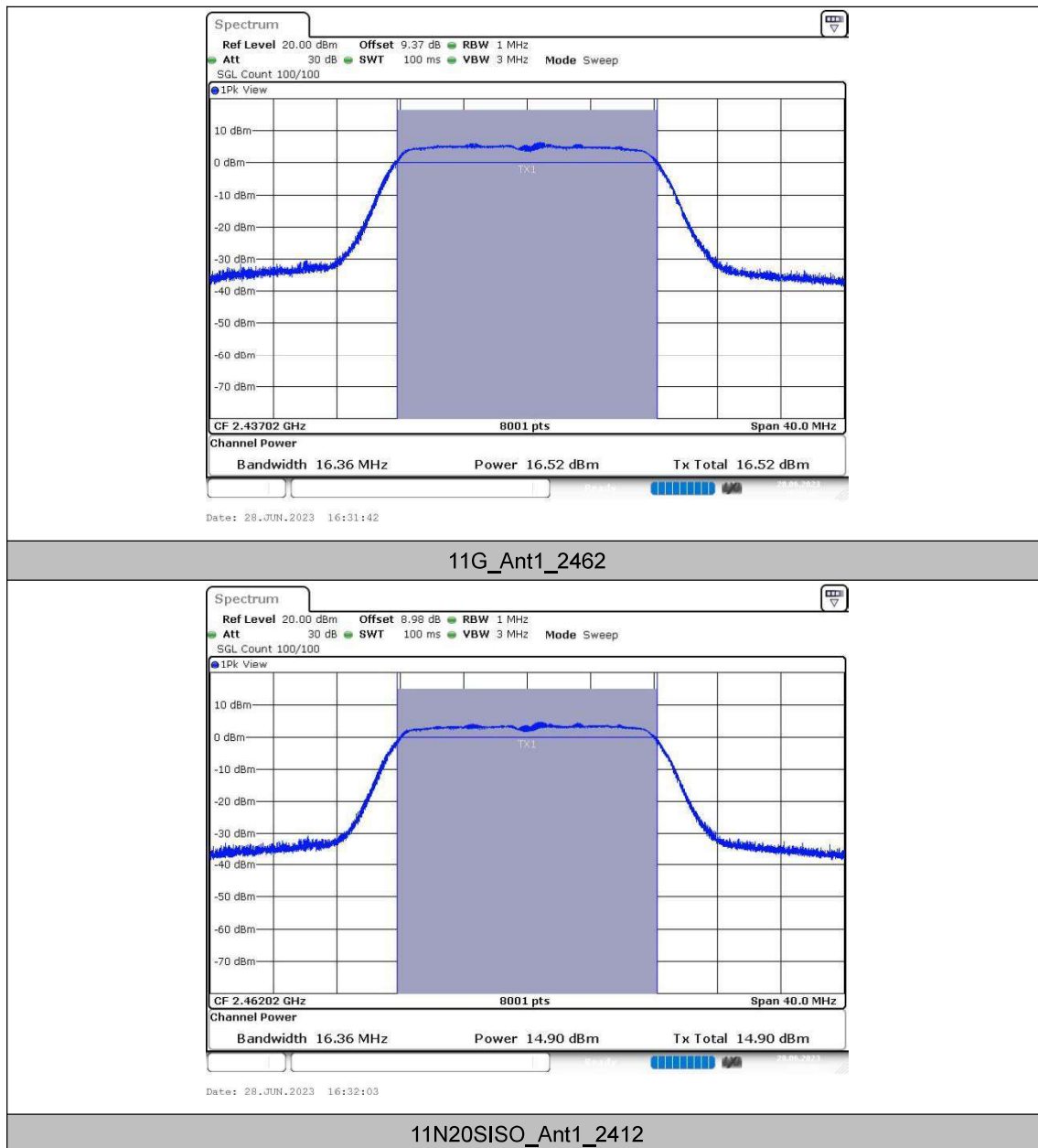
Test Mode	Antenna	Frequenc y[MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	7.86	100.00	0.00	7.86	≤30.00	1.35	9.21	≤36.00	PASS
		2437	7.80	100.00	0.00	7.80	≤30.00	1.35	9.15	≤36.00	PASS
		2462	7.25	100.00	0.00	7.25	≤30.00	1.35	8.60	≤36.00	PASS
11G	Ant1	2412	7.20	99.64	0.02	7.22	≤30.00	1.35	8.57	≤36.00	PASS
		2437	7.19	99.64	0.02	7.21	≤30.00	1.35	8.56	≤36.00	PASS
		2462	6.60	99.64	0.02	6.62	≤30.00	1.35	7.97	≤36.00	PASS
11N20SI SO	Ant1	2412	5.92	99.41	0.03	5.95	≤30.00	1.35	7.30	≤36.00	PASS
		2437	5.90	99.41	0.03	5.93	≤30.00	1.35	7.28	≤36.00	PASS
		2462	5.46	99.41	0.03	5.49	≤30.00	1.35	6.84	≤36.00	PASS
11N40SI SO	Ant1	2422	5.96	98.80	0.05	6.01	≤30.00	1.35	7.36	≤36.00	PASS
		2437	5.71	99.20	0.03	5.74	≤30.00	1.35	7.09	≤36.00	PASS
		2452	5.44	99.20	0.03	5.47	≤30.00	1.35	6.82	≤36.00	PASS

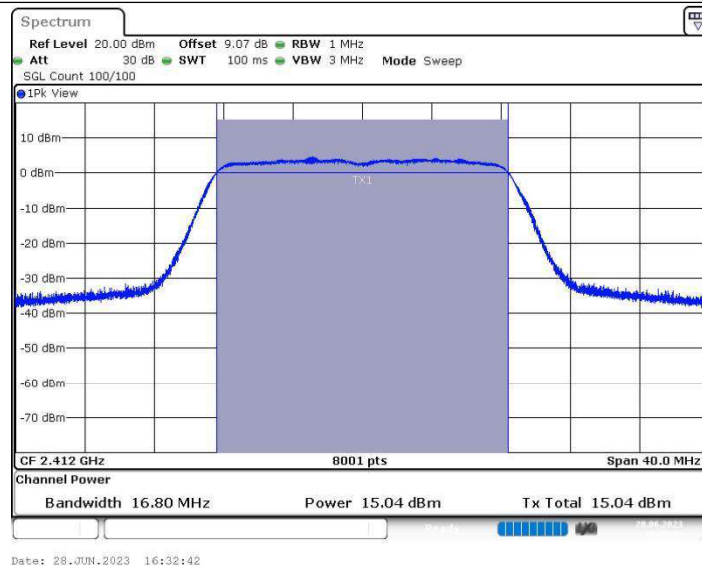


Test Graphs Peak

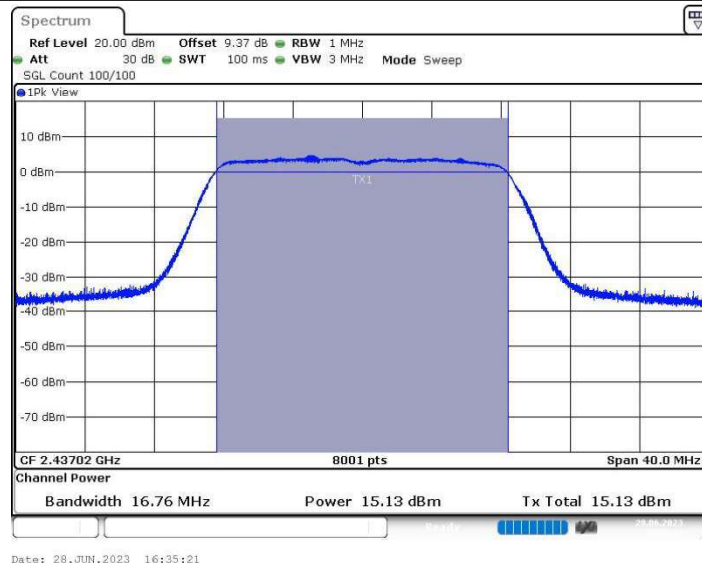




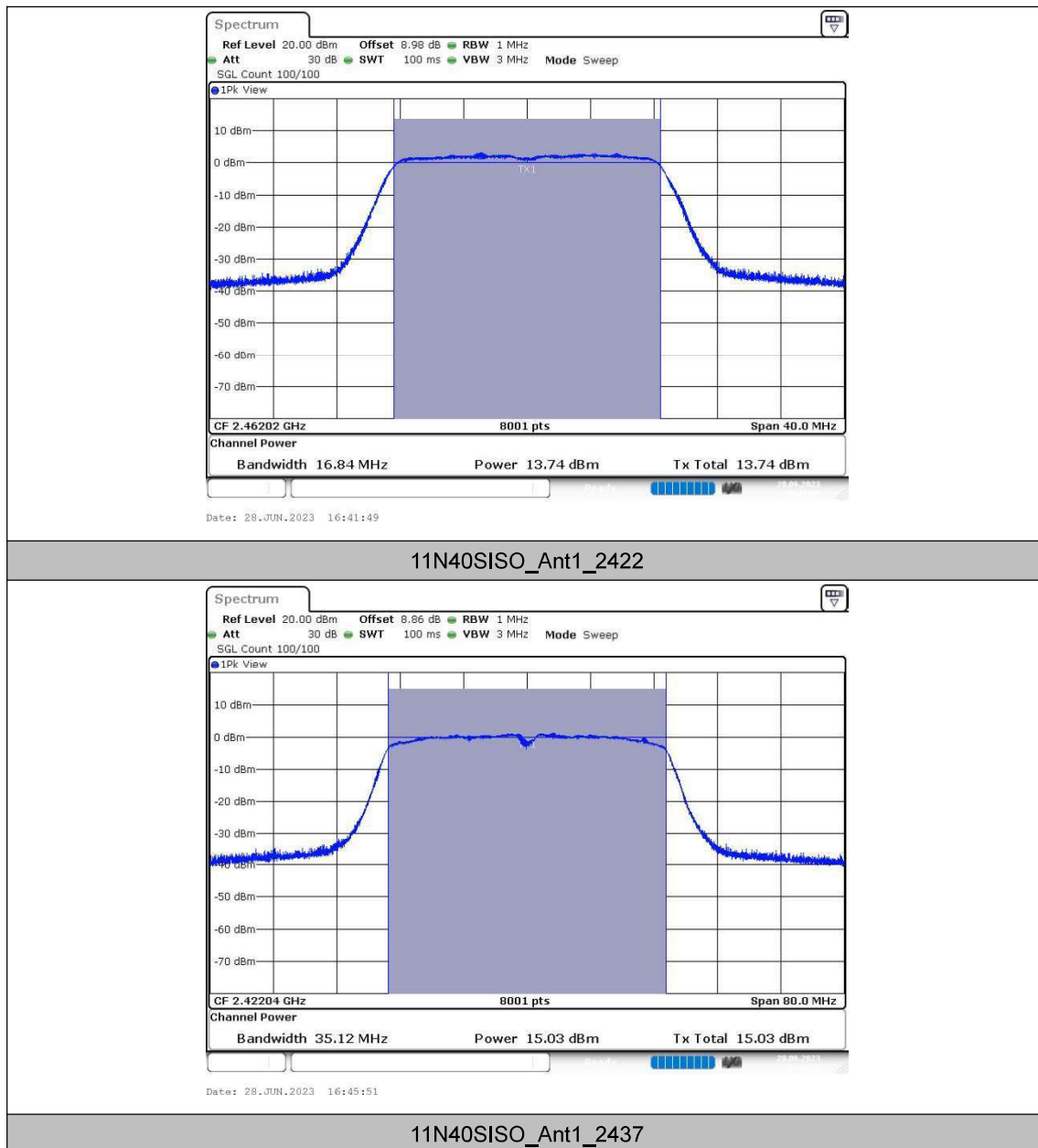


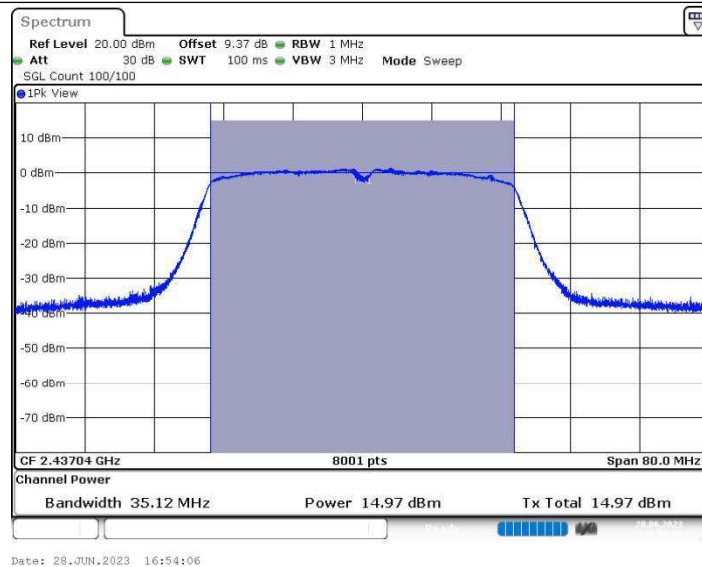


11N20SISO_Ant1_2437

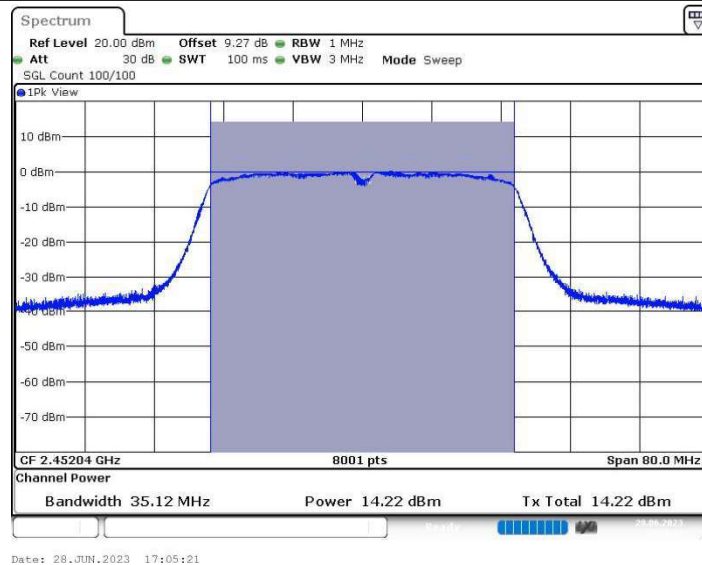


11N20SISO_Ant1_2462





11N40SISO_Ant1_2452





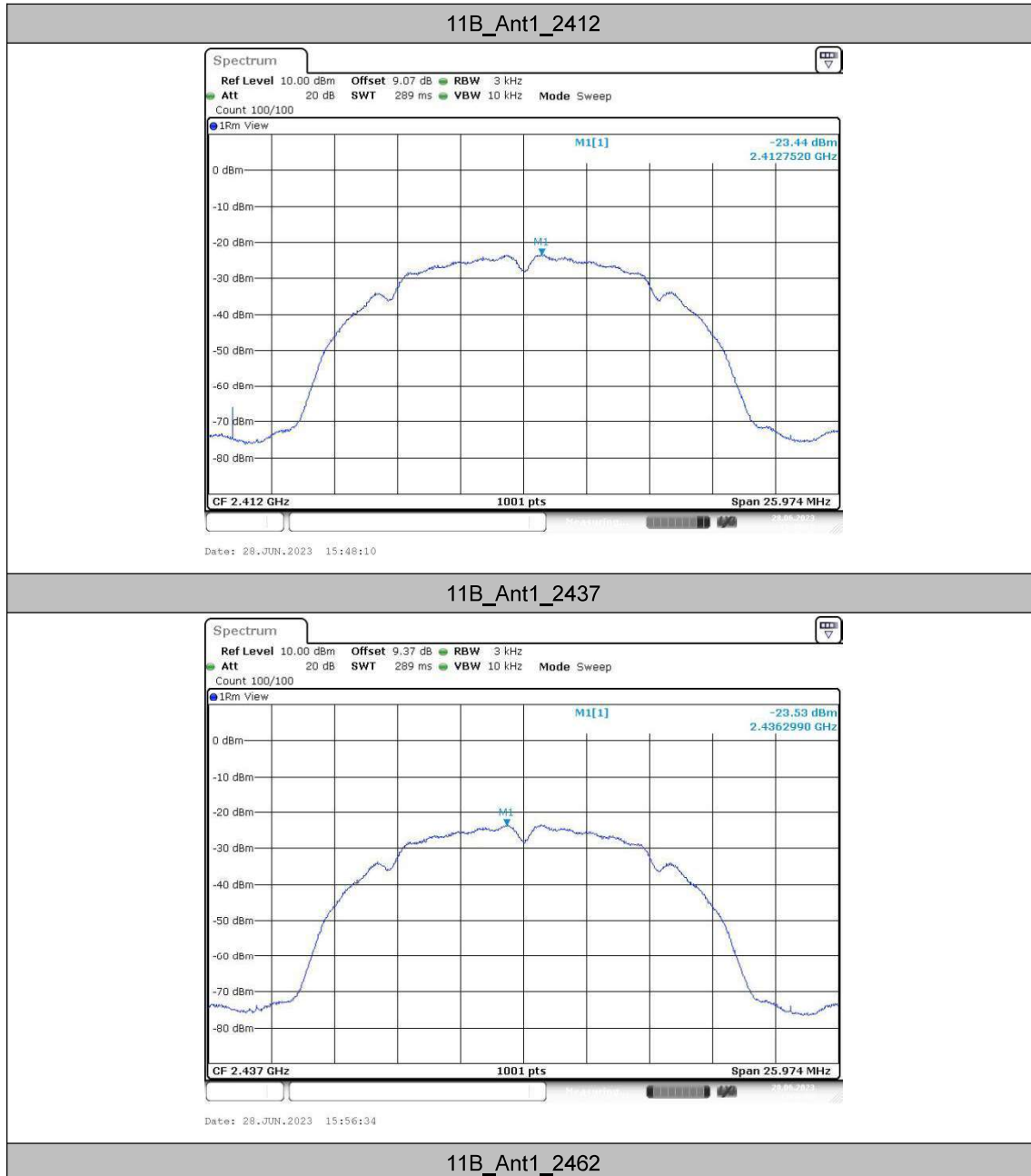
Appendix D: Power Spectral Density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-23.44	≤8.00	PASS
		2437	-23.53	≤8.00	PASS
		2462	-24.96	≤8.00	PASS
11G	Ant1	2412	-26.12	≤8.00	PASS
		2437	-26.03	≤8.00	PASS
		2462	-27.31	≤8.00	PASS
11N20SISO	Ant1	2412	-26.84	≤8.00	PASS
		2437	-27.08	≤8.00	PASS
		2462	-28.41	≤8.00	PASS
11N40SISO	Ant1	2422	-30.43	≤8.00	PASS
		2437	-30.55	≤8.00	PASS
		2452	-31.48	≤8.00	PASS

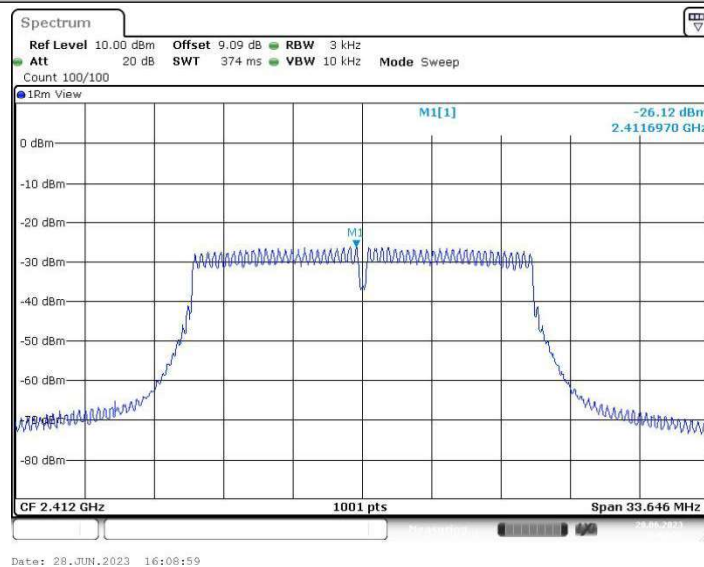


Test Graphs

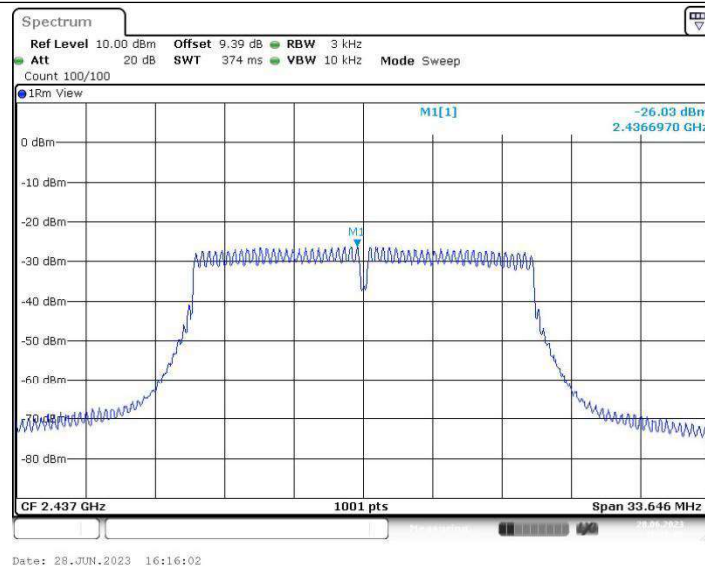




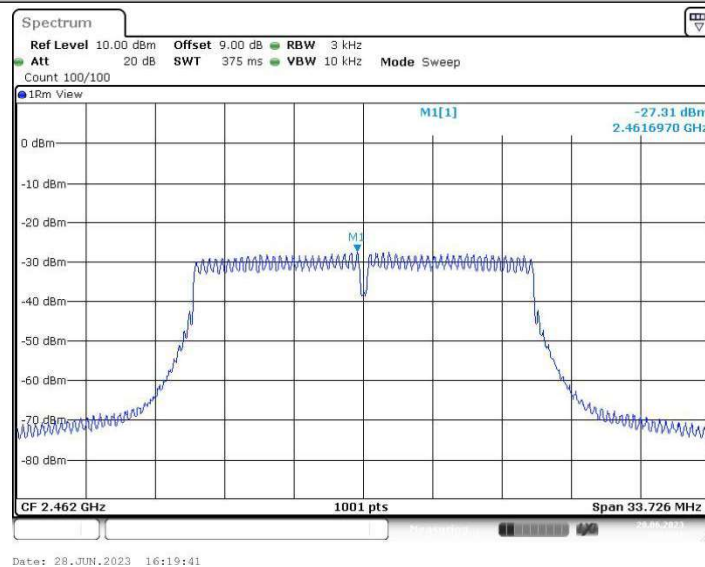
11G_Ant1_2412



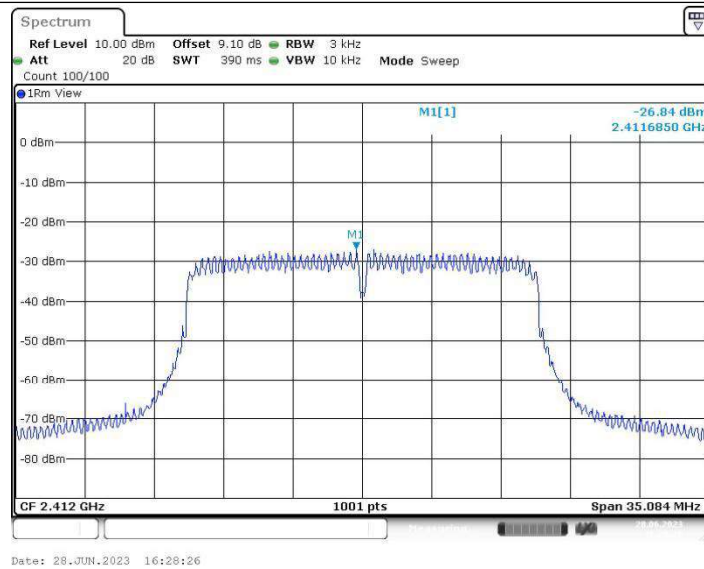
11G_Ant1_2437



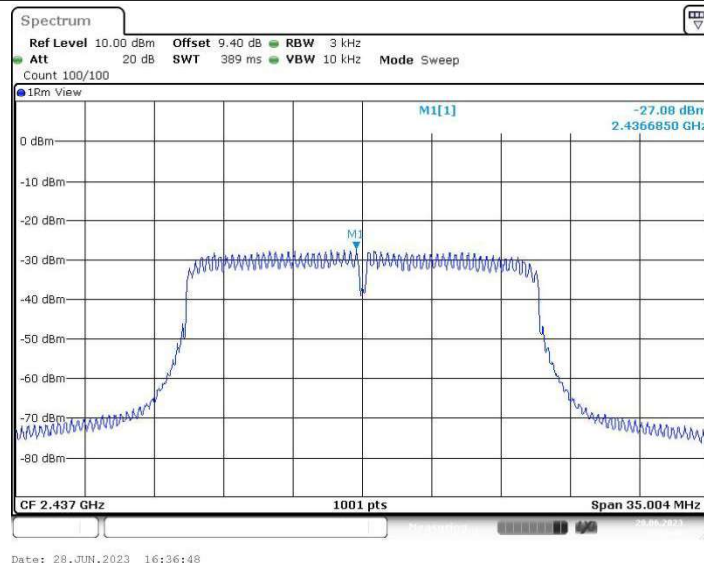
11G_Ant1_2462



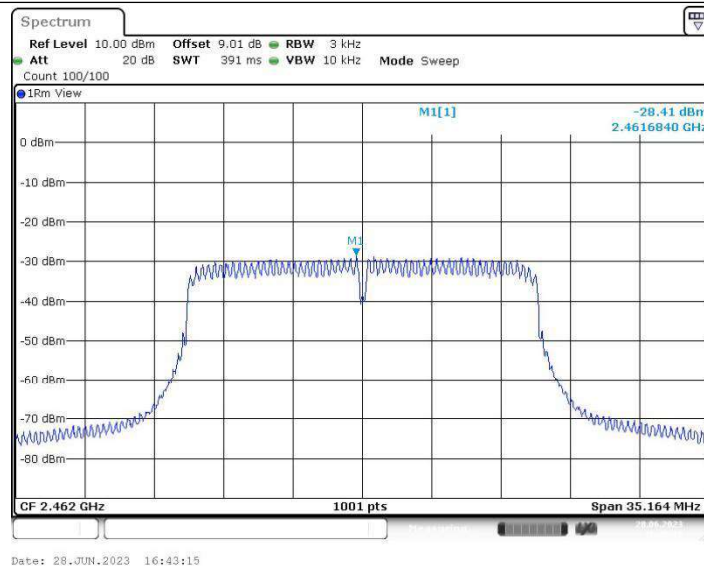
11N20SISO_Ant1_2412



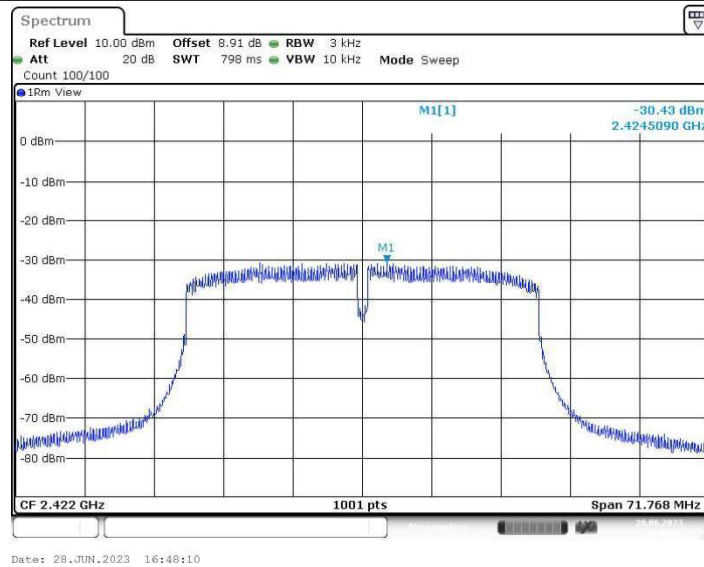
11N20SISO_Ant1_2437



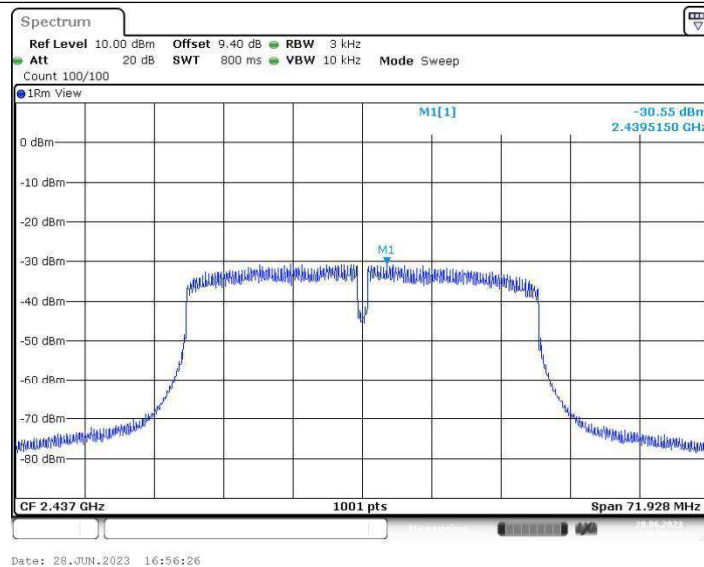
11N20SISO_Ant1_2462



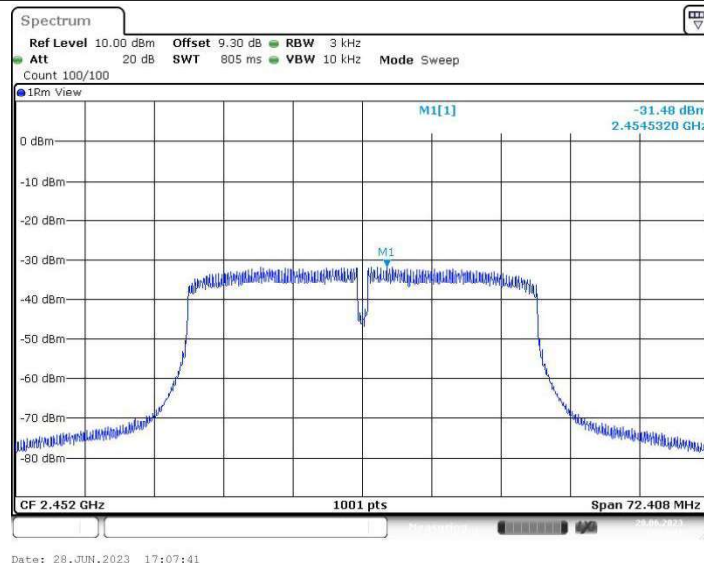
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452





Appendix E: Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2412.50	1.23
		2437	2438.01	0.61
		2462	2463.00	-0.81
11G	Ant1	2412	2417.01	-2.83
		2437	2439.52	-3.48
		2462	2464.52	-4.36
11N20SISO	Ant1	2412	2413.28	-3.80
		2437	2438.27	-4.34
		2462	2467.01	-4.94
11N40SISO	Ant1	2422	2425.81	-6.58
		2437	2440.81	-6.61
		2452	2455.74	-7.82



Test Graphs

