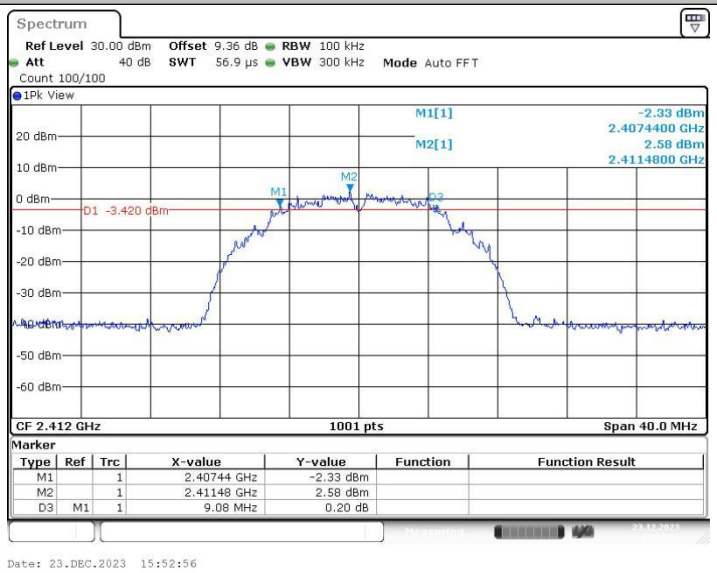
Appendix A: DTS Bandwidth

Test Result

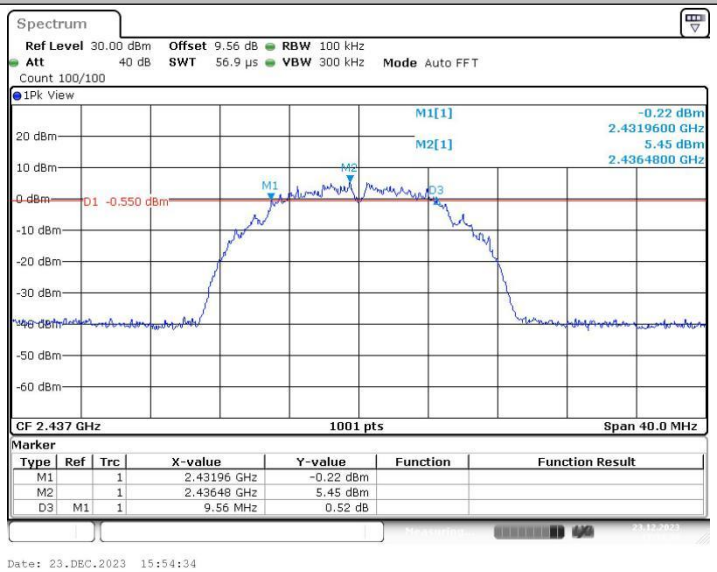
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.08	2407.44	2416.52	0.5	PASS
		2437	9.56	2431.96	2441.52	0.5	PASS
		2462	9.56	2456.96	2466.52	0.5	PASS
11G	Ant1	2412	16.40	2403.80	2420.20	0.5	PASS
		2437	16.44	2428.72	2445.16	0.5	PASS
		2462	16.44	2453.76	2470.20	0.5	PASS
11N20SISO	Ant1	2412	17.16	2403.44	2420.60	0.5	PASS
		2437	16.96	2428.44	2445.40	0.5	PASS
		2462	17.08	2453.44	2470.52	0.5	PASS
11N40SISO	Ant1	2422	33.28	2405.36	2438.64	0.5	PASS
		2437	33.60	2420.04	2453.64	0.5	PASS
		2452	33.60	2435.04	2468.64	0.5	PASS

Test Graphs

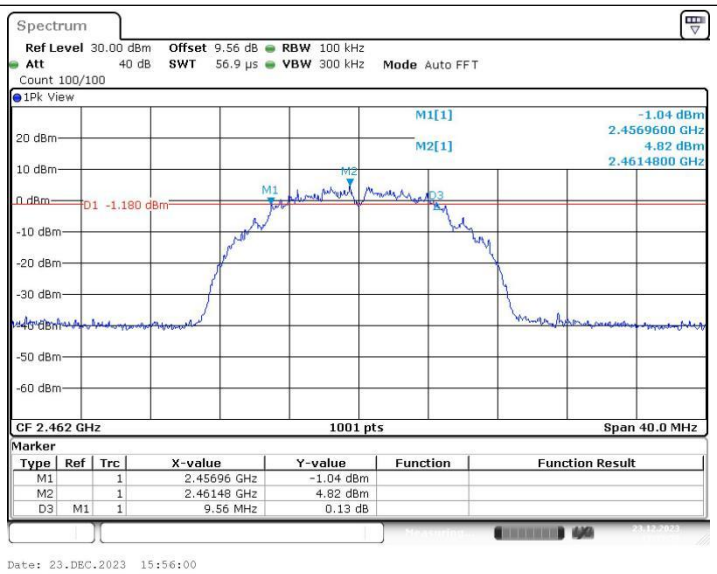
11B_Ant1_2412



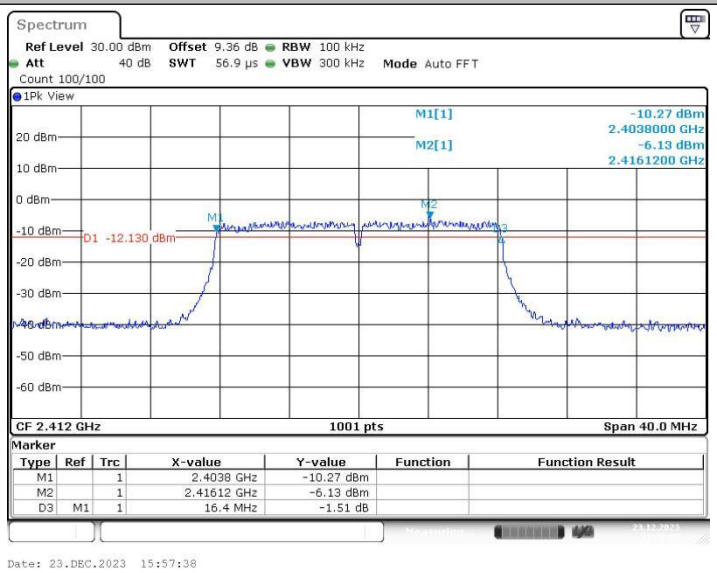
11B_Ant1_2437



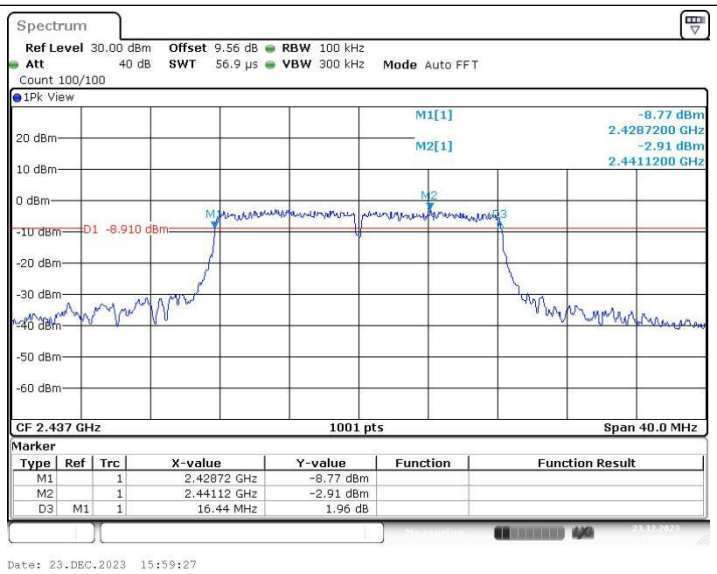
11B_Ant1_2462



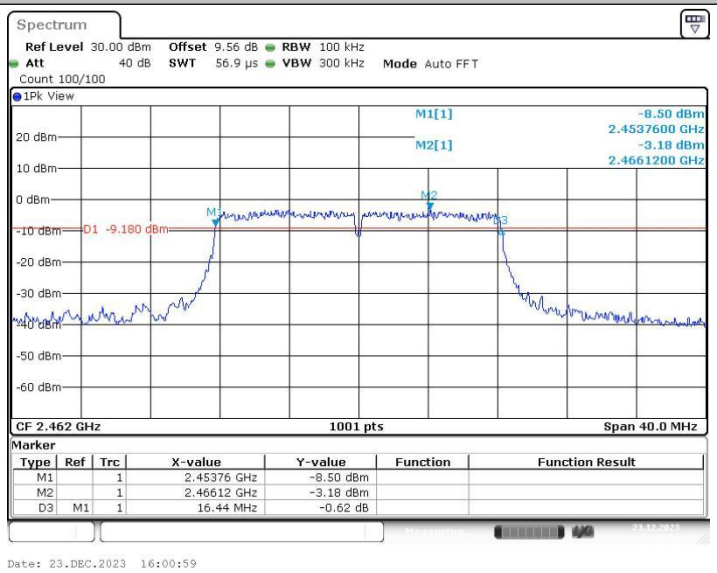
11G_Ant1_2412



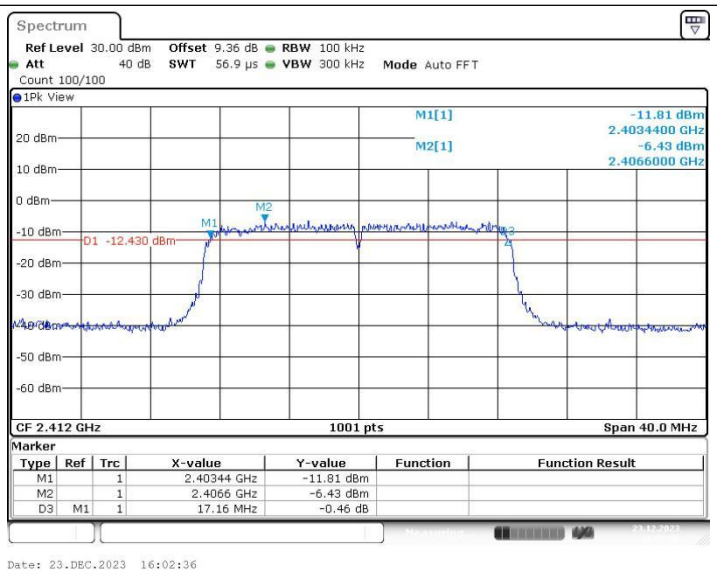
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



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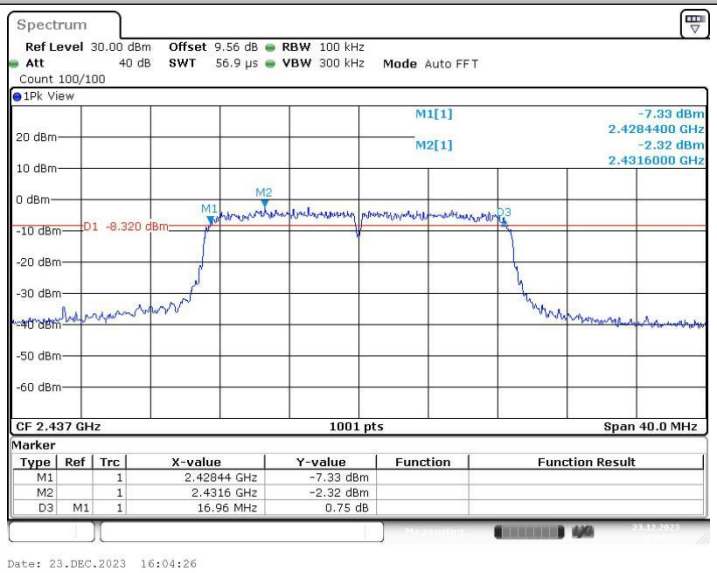

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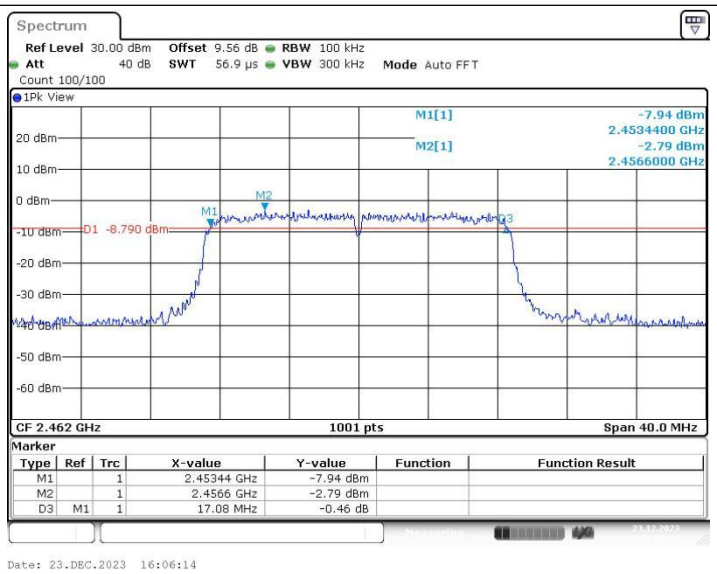
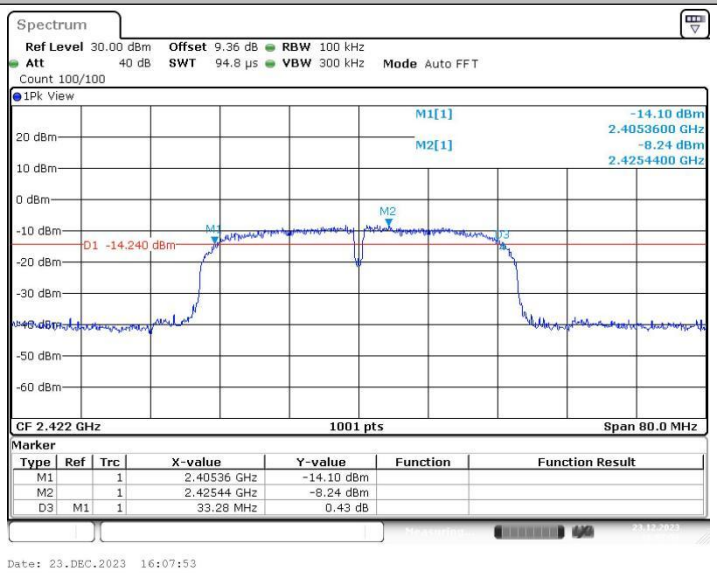


11N40SISO_Ant1_2422



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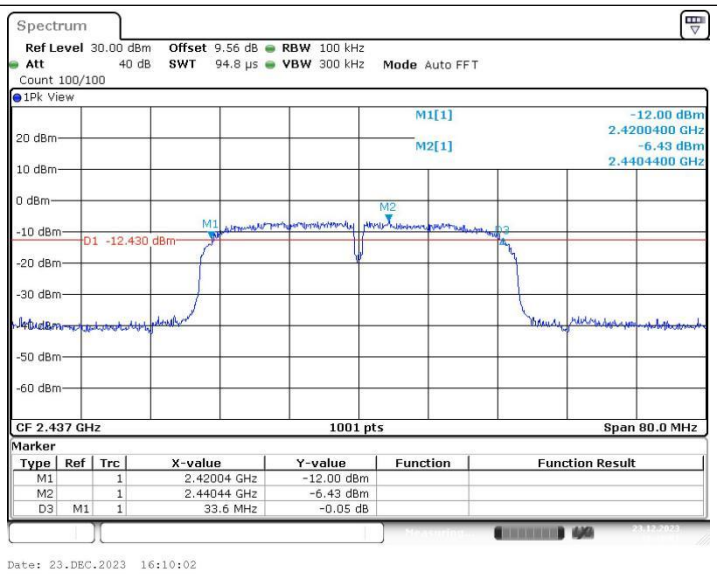
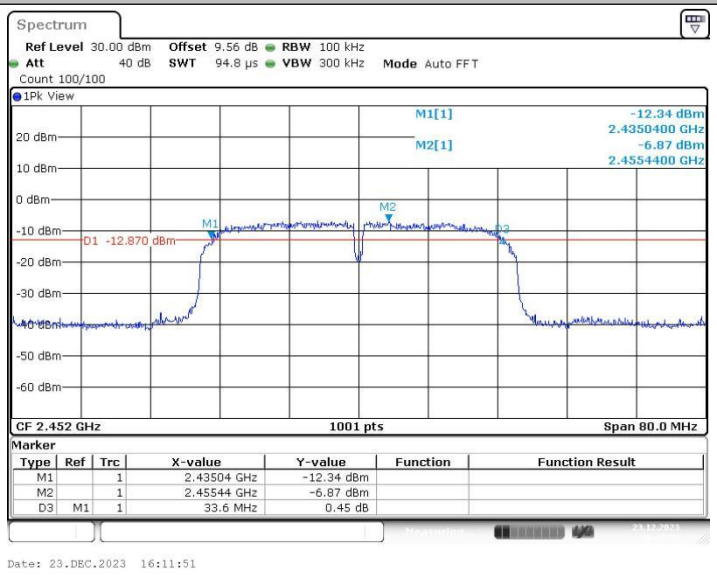


11N40SISO_Ant1_2452



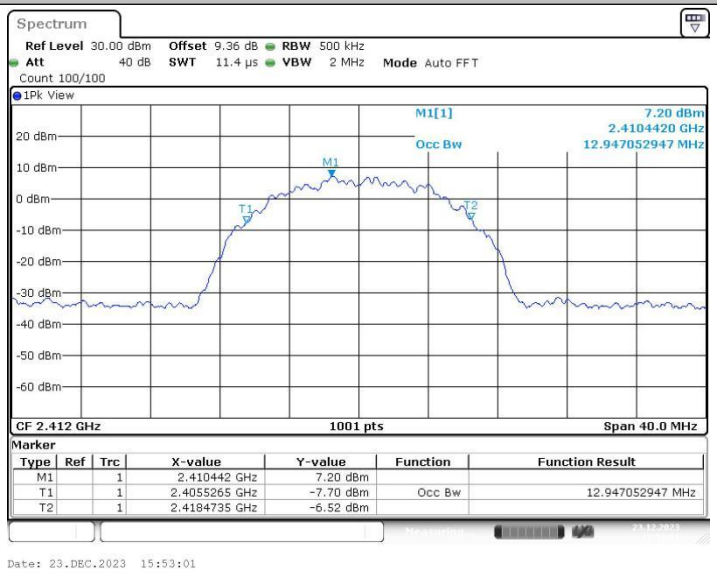
Appendix B: Occupied Channel Bandwidth

Test Result

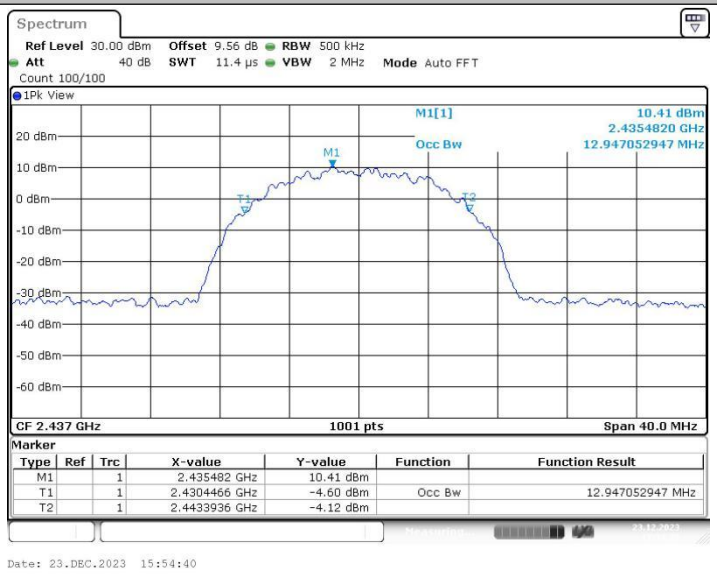
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.947	2405.5265	2418.4735	---	---
		2437	12.947	2430.4466	2443.3936	---	---
		2462	13.107	2455.3666	2468.4735	---	---
11G	Ant1	2412	16.663	2403.6484	2420.3117	---	---
		2437	16.743	2428.5285	2445.2717	---	---
		2462	16.703	2453.5684	2470.2717	---	---
11N20SISO	Ant1	2412	17.383	2403.3287	2420.7113	---	---
		2437	17.423	2428.2088	2445.6314	---	---
		2462	17.423	2453.2488	2470.6713	---	---
11N40SISO	Ant1	2422	34.765	2404.6573	2439.4226	---	---
		2437	34.765	2419.4975	2454.2627	---	---
		2452	34.845	2434.4975	2469.3427	---	---

Test Graphs

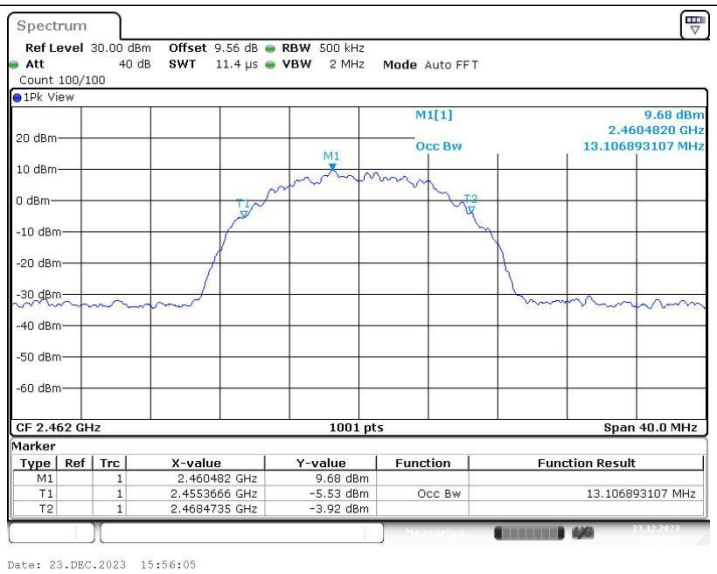
11B_Ant1_2412



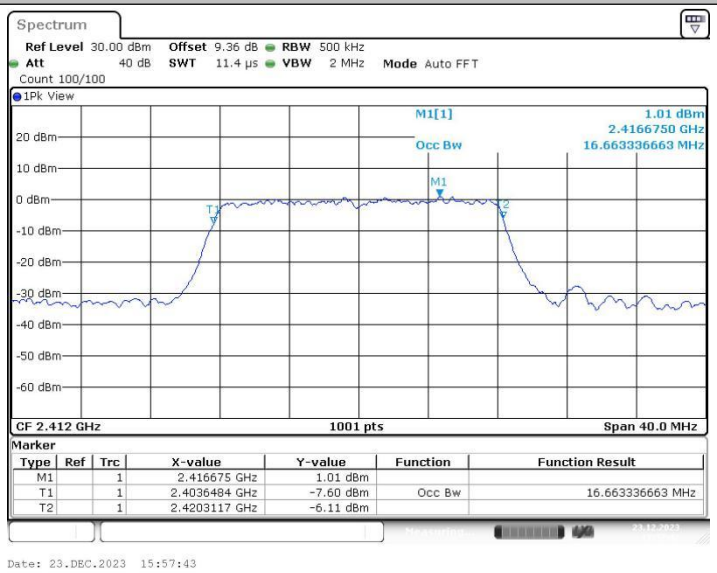
11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



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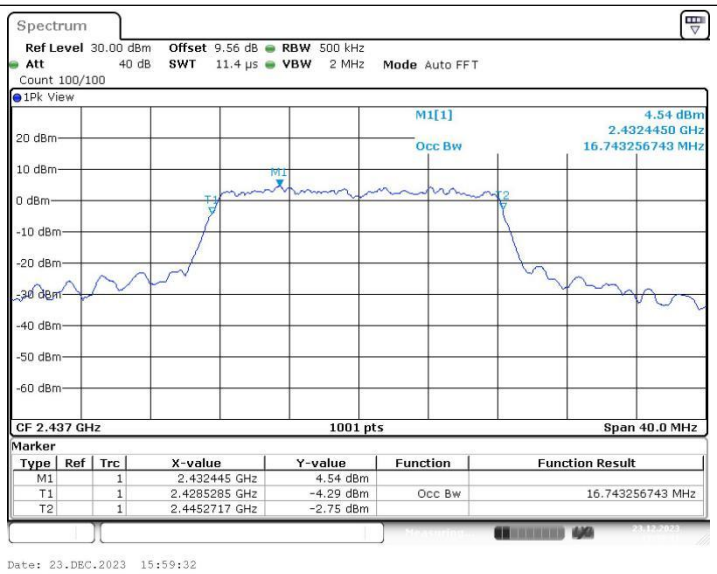
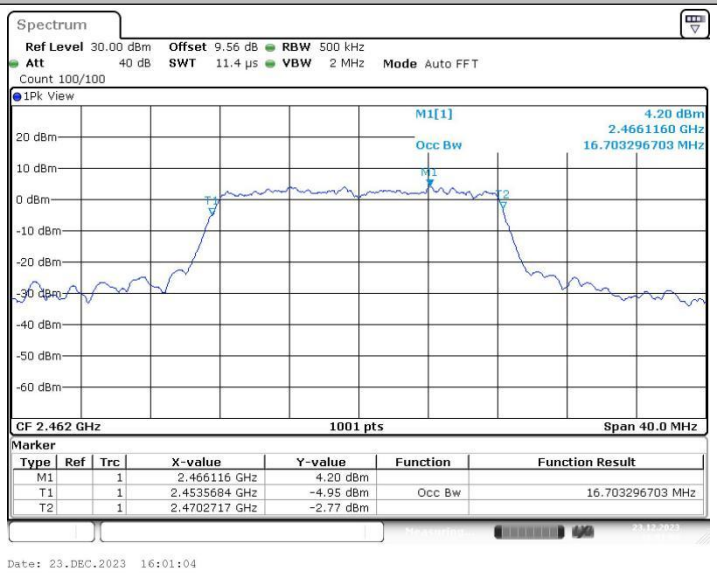
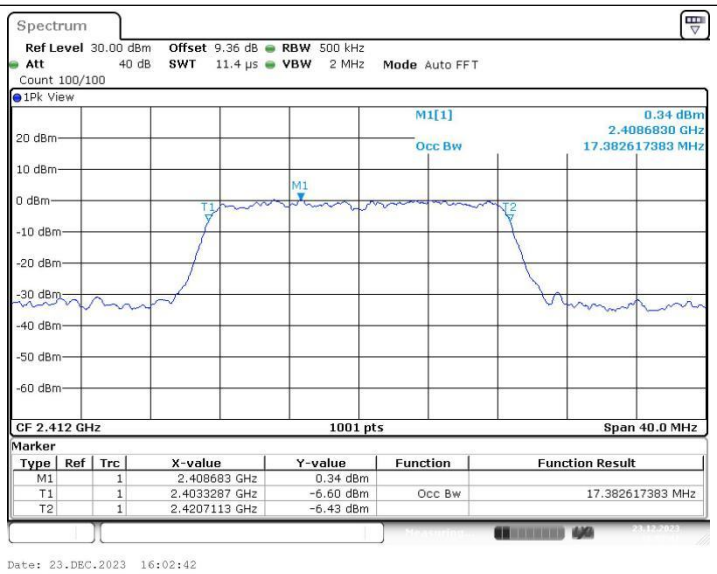


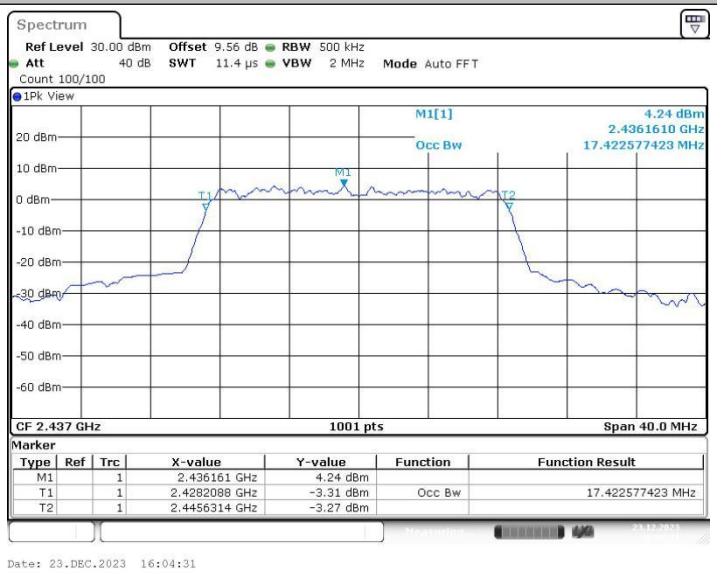
11G_Ant1_2462



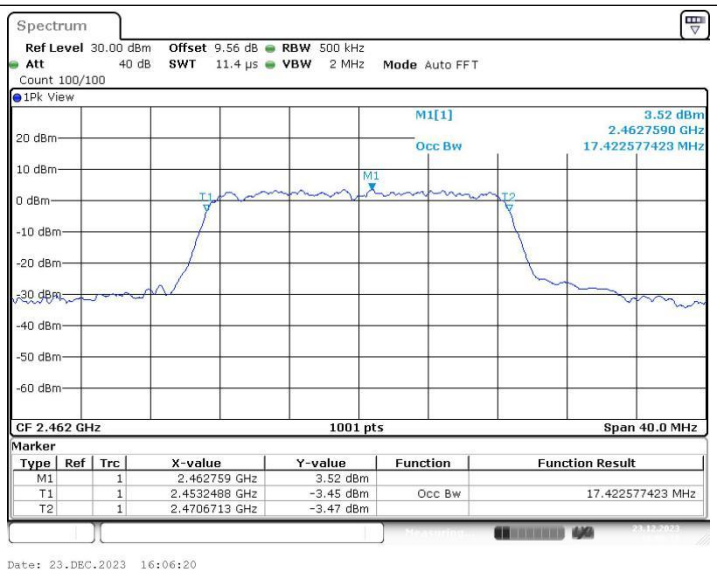
11N20SISO_Ant1_2412



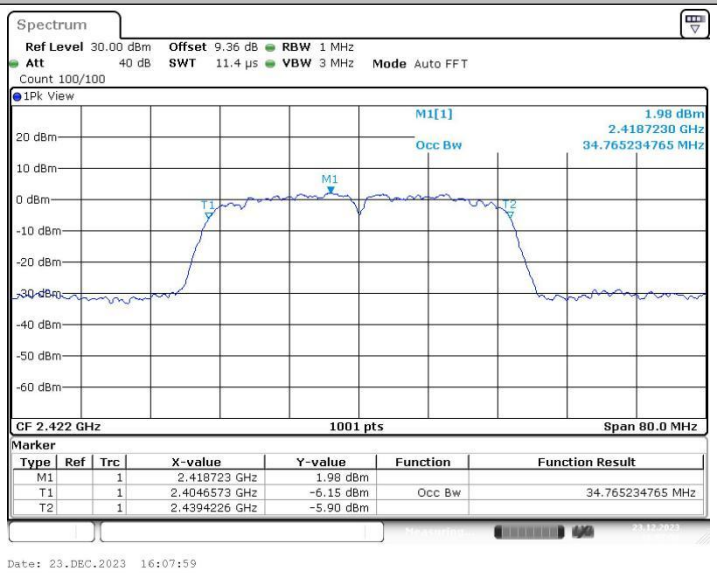
11N20SISO_Ant1_2437



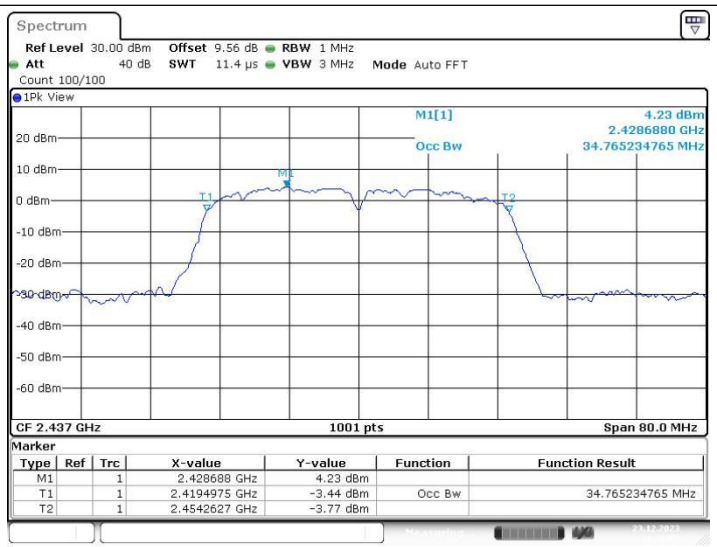
11N20SISO_Ant1_2462



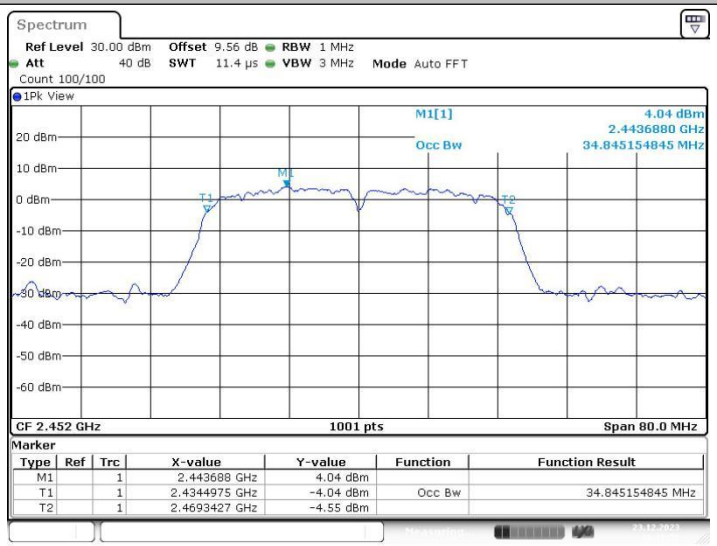
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



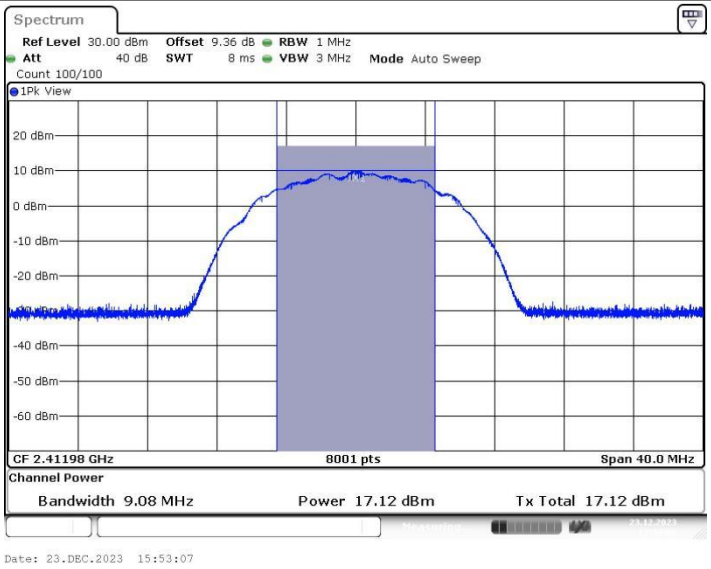
Appendix C: Maximum conducted output power

Test Result Peak

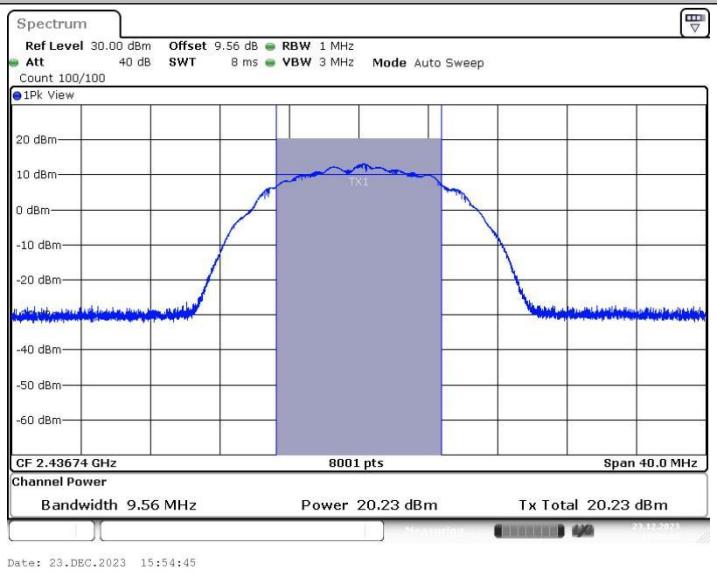
Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	17.12	17.12	≤30.00	3.04	20.16	≤36.00	PASS
		2437	20.23	20.23	≤30.00	3.04	23.27	≤36.00	PASS
		2462	19.55	19.55	≤30.00	3.04	22.59	≤36.00	PASS
11G	Ant1	2412	15.24	15.24	≤30.00	3.04	18.28	≤36.00	PASS
		2437	18.81	18.81	≤30.00	3.04	21.85	≤36.00	PASS
		2462	18.45	18.45	≤30.00	3.04	21.49	≤36.00	PASS
11N20SISO	Ant1	2412	15.25	15.25	≤30.00	3.04	18.29	≤36.00	PASS
		2437	18.80	18.80	≤30.00	3.04	21.84	≤36.00	PASS
		2462	18.49	18.49	≤30.00	3.04	21.53	≤36.00	PASS
11N40SISO	Ant1	2422	15.91	15.91	≤30.00	3.04	18.95	≤36.00	PASS
		2437	17.93	17.93	≤30.00	3.04	20.97	≤36.00	PASS
		2452	17.67	17.67	≤30.00	3.04	20.71	≤36.00	PASS

Test Graphs Peak

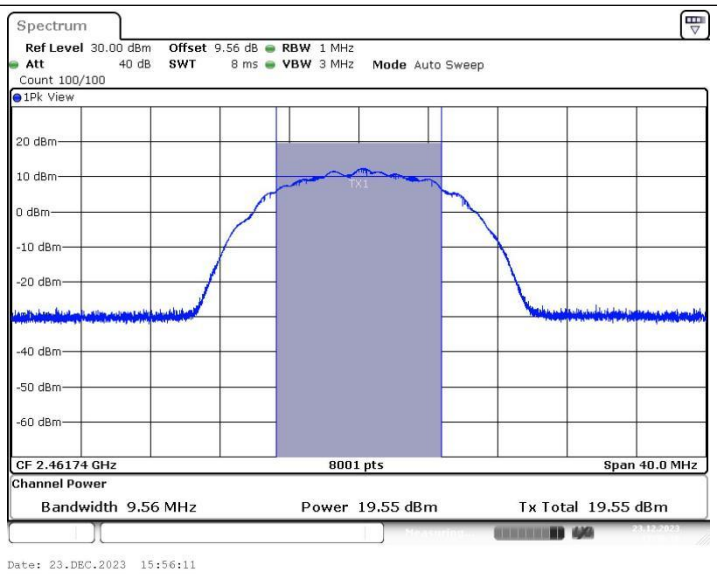
11B_Ant1_2412



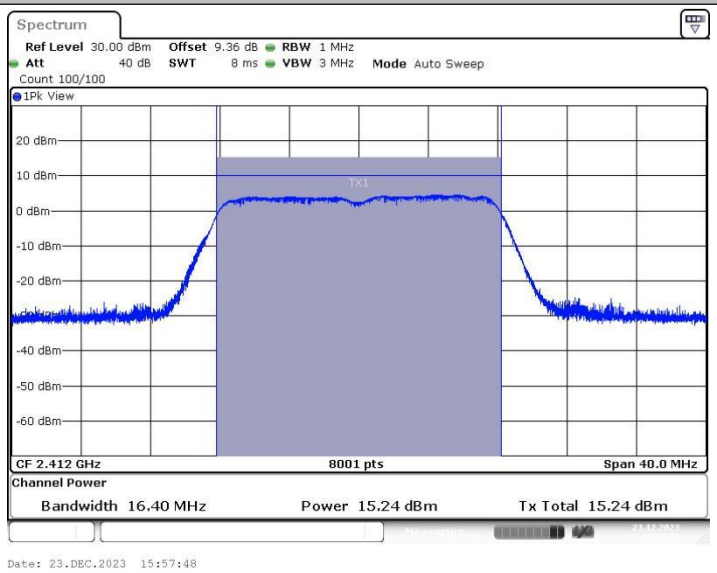
11B_Ant1_2437



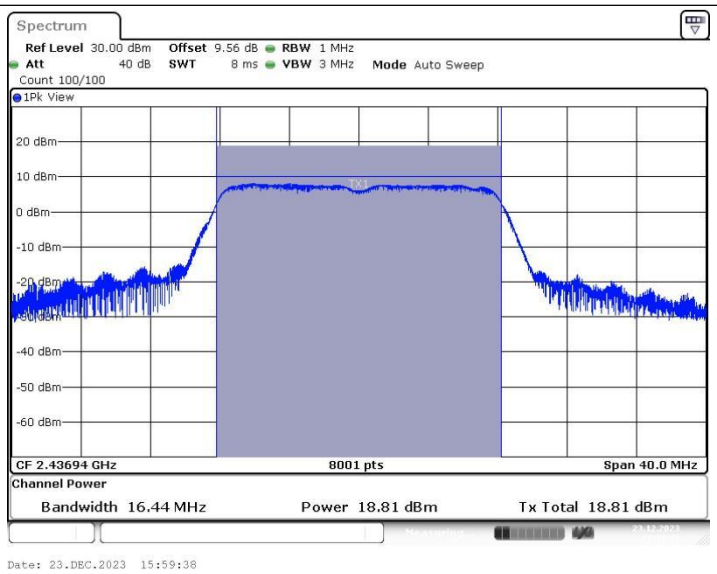
11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



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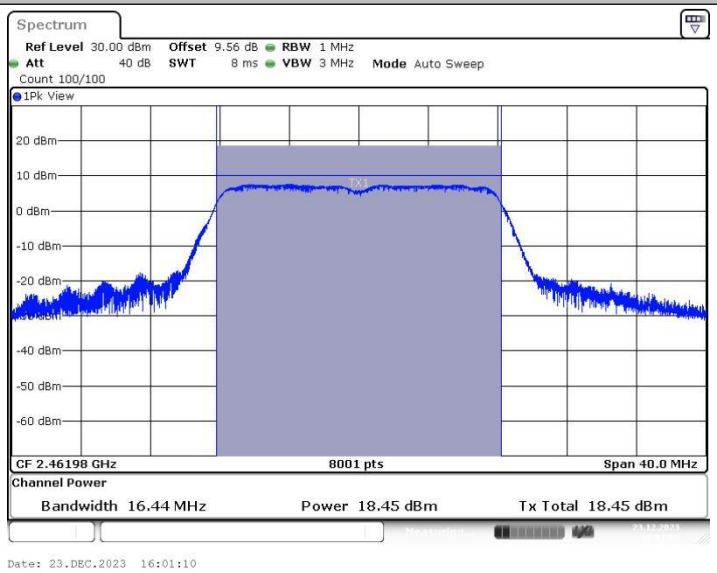

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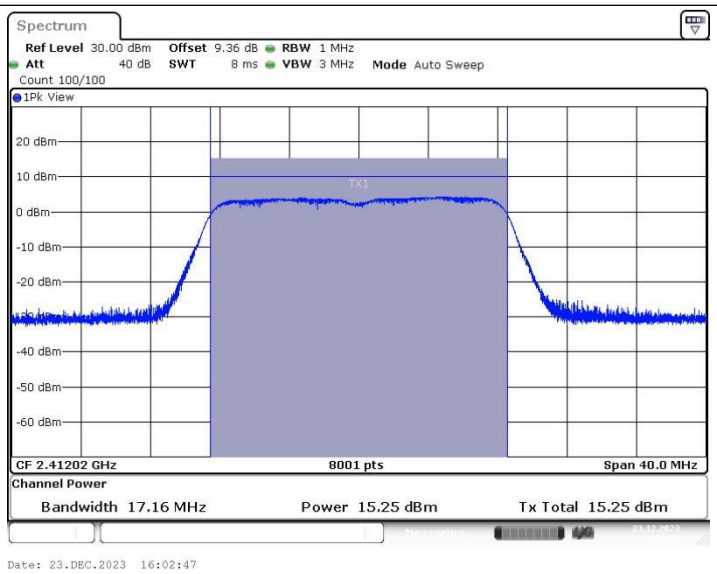
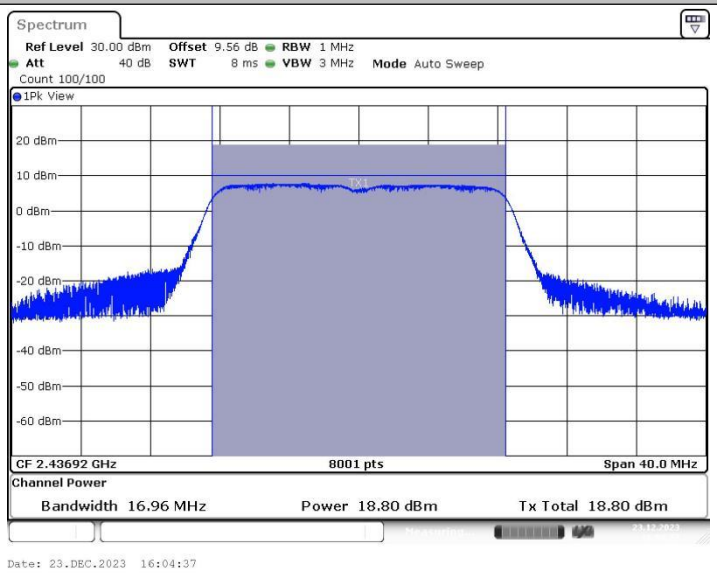


11N20SISO_Ant1_2437



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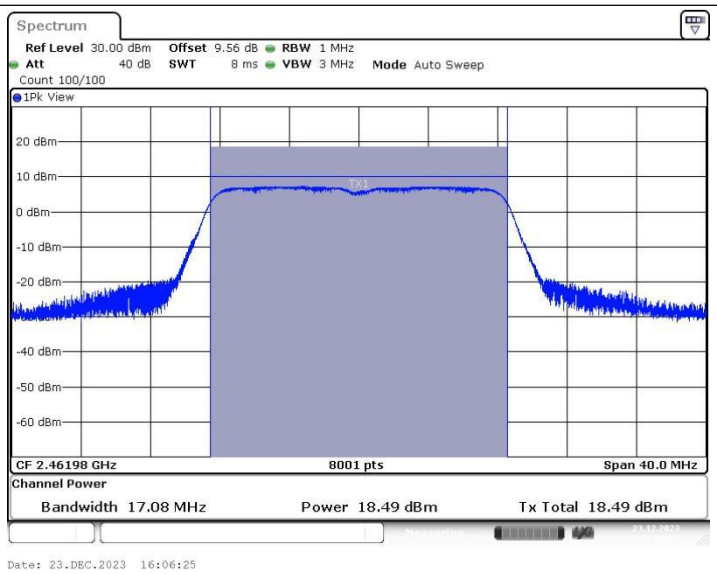

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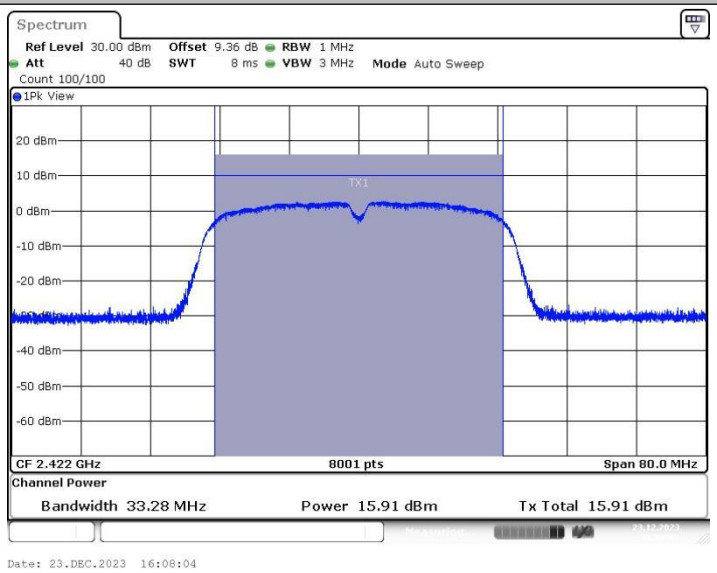

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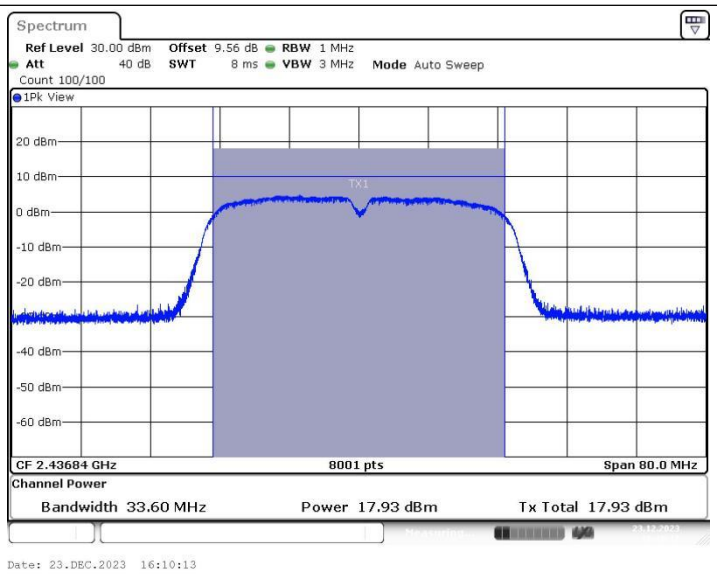

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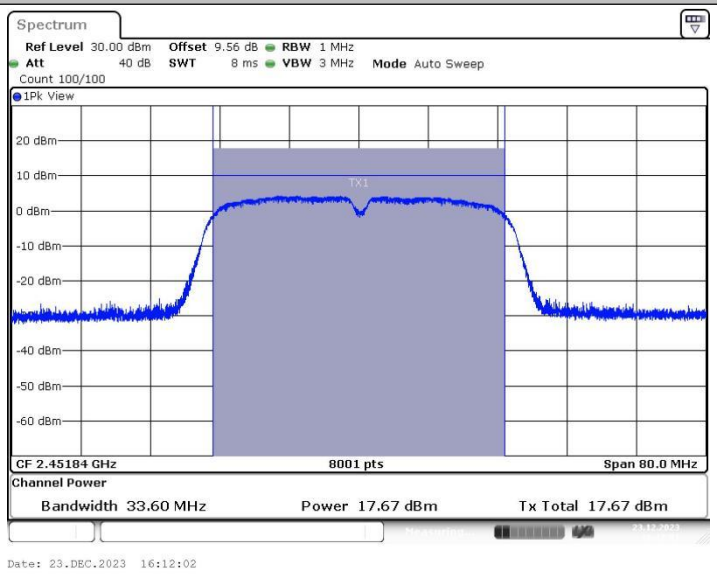


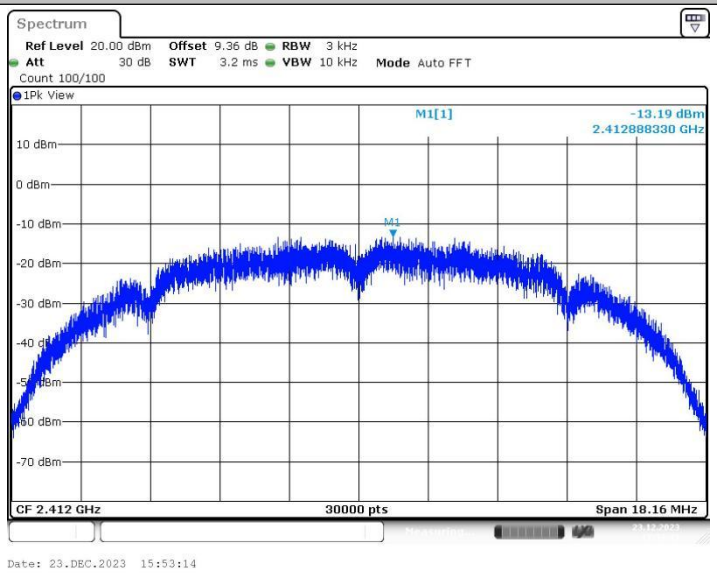
Appendix D: Maximum power spectral density

Test Result

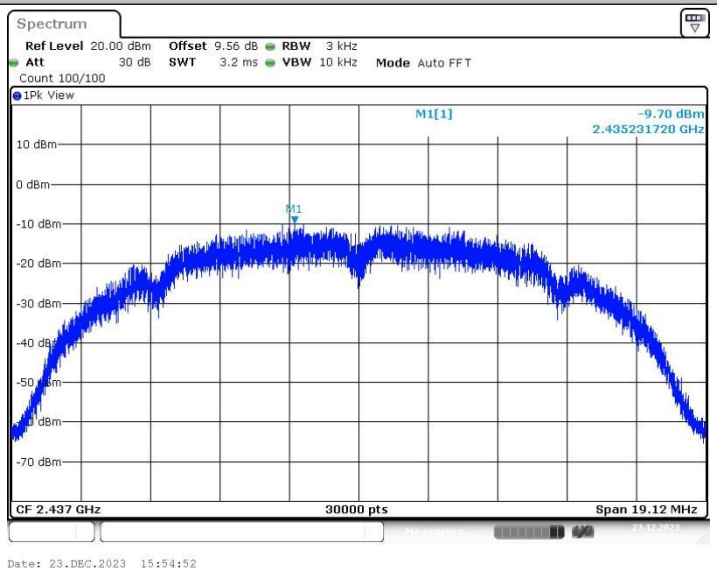
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-13.19	≤8.00	PASS
		2437	-9.7	≤8.00	PASS
		2462	-10.43	≤8.00	PASS
11G	Ant1	2412	-20.78	≤8.00	PASS
		2437	-17.37	≤8.00	PASS
		2462	-17.81	≤8.00	PASS
11N20SISO	Ant1	2412	-20.06	≤8.00	PASS
		2437	-16.51	≤8.00	PASS
		2462	-16.96	≤8.00	PASS
11N40SISO	Ant1	2422	-20.29	≤8.00	PASS
		2437	-18.44	≤8.00	PASS
		2452	-18.65	≤8.00	PASS

Test Graphs

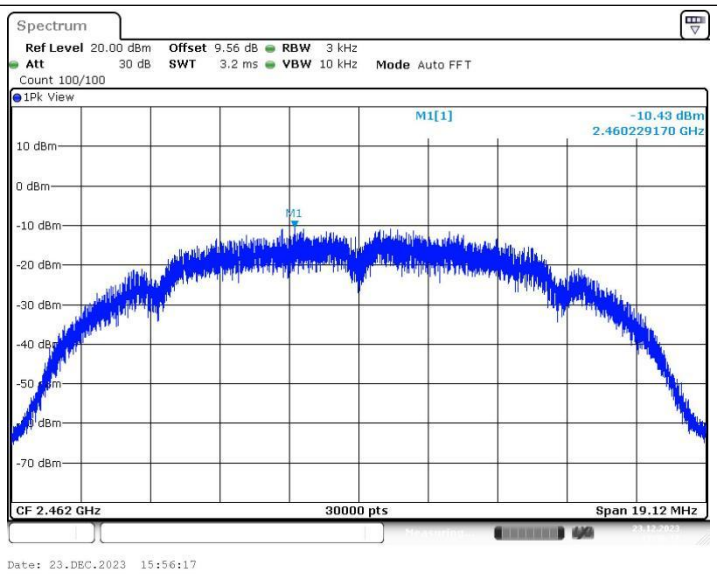
11B_Ant1_2412



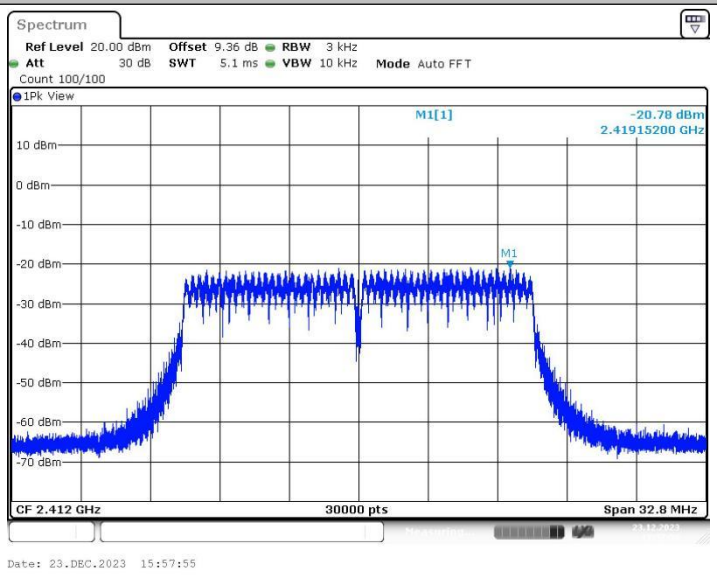
11B_Ant1_2437



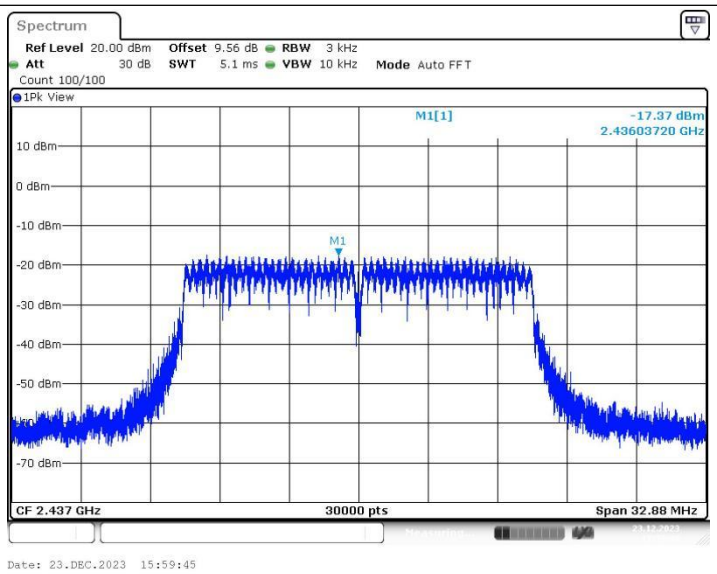
11B_Ant1_2462



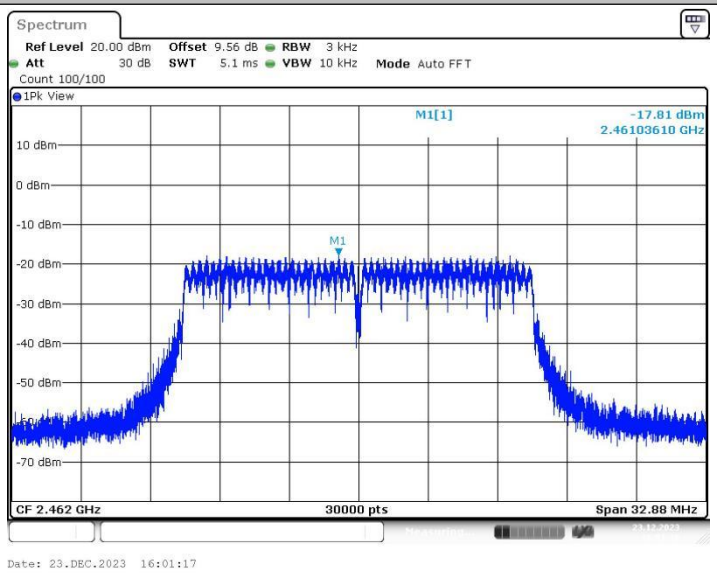
11G_Ant1_2412



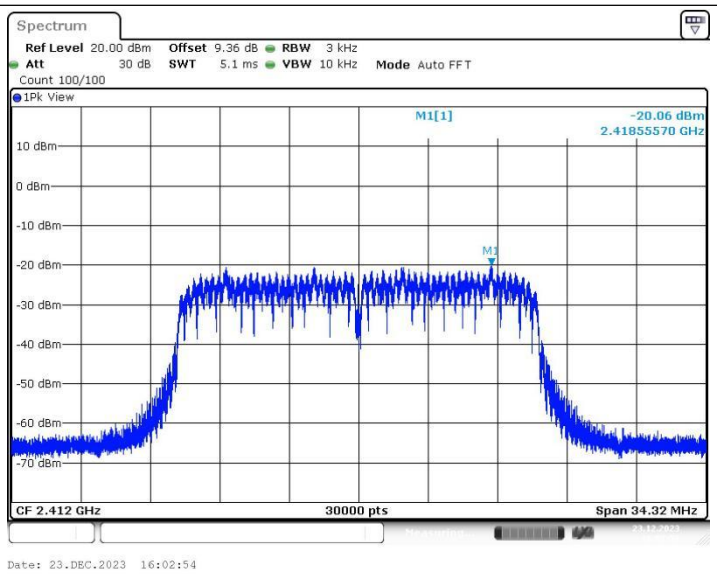
11G_Ant1_2437



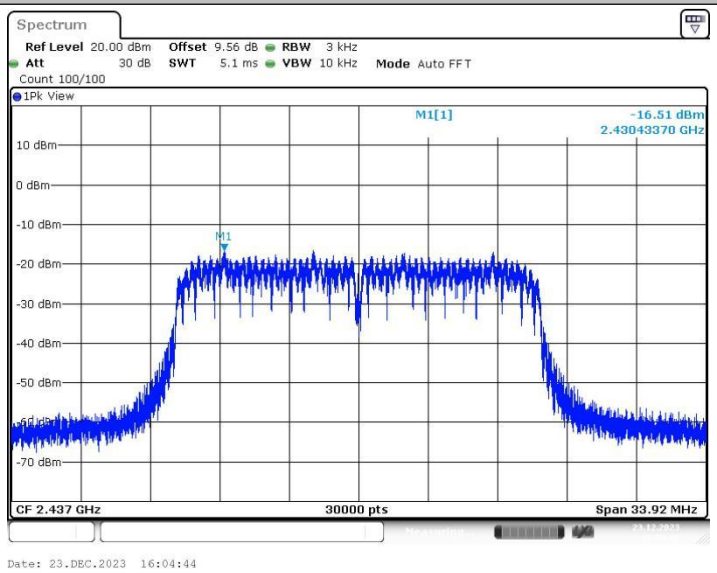
11G_Ant1_2462



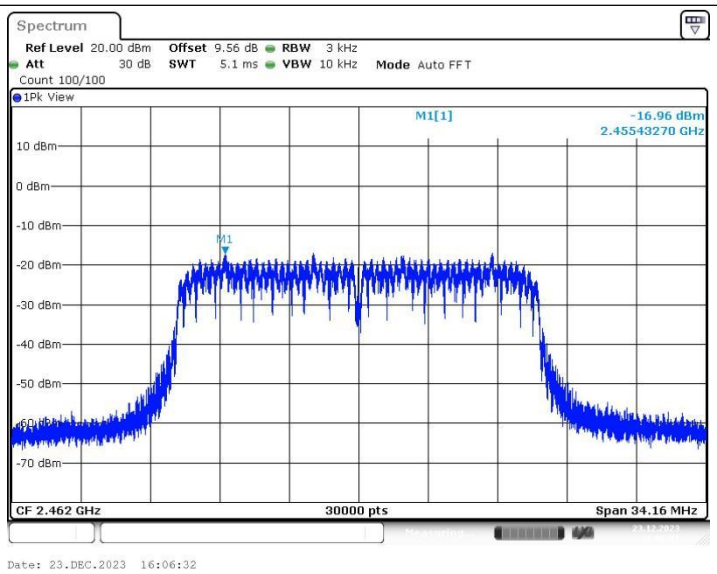
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



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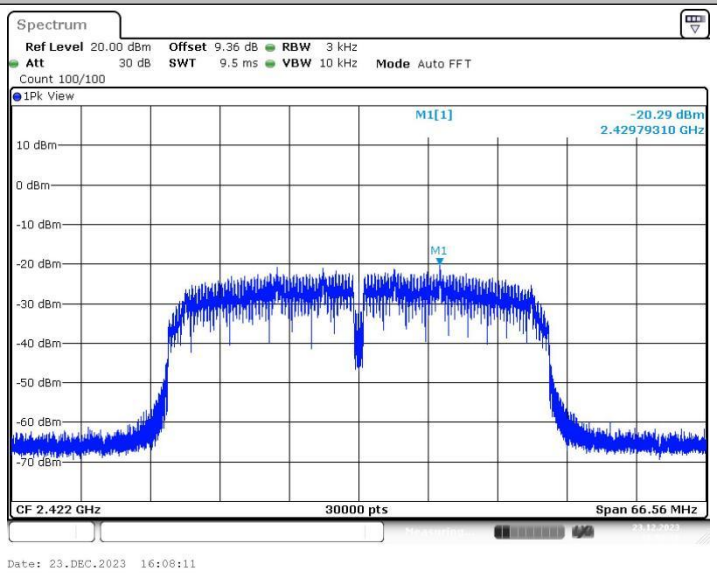

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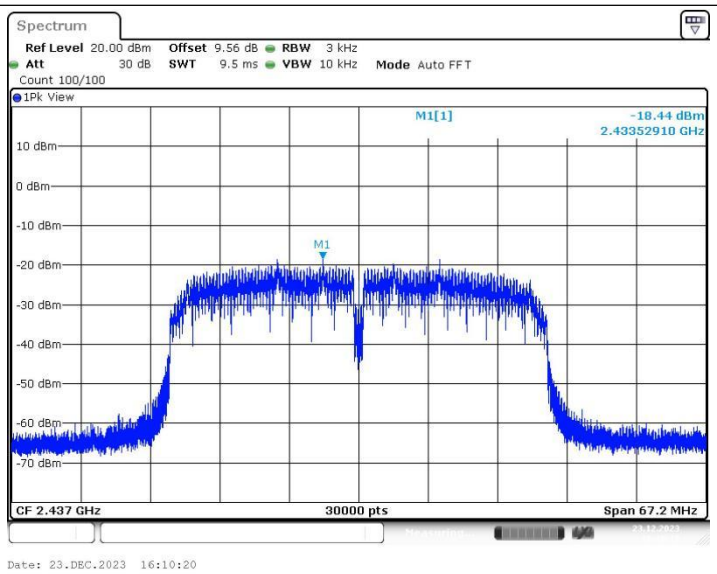
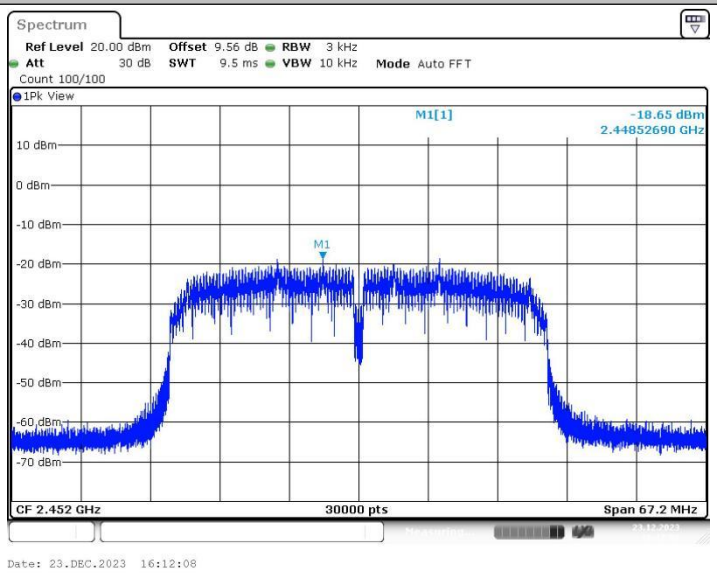


11N40SISO_Ant1_2452



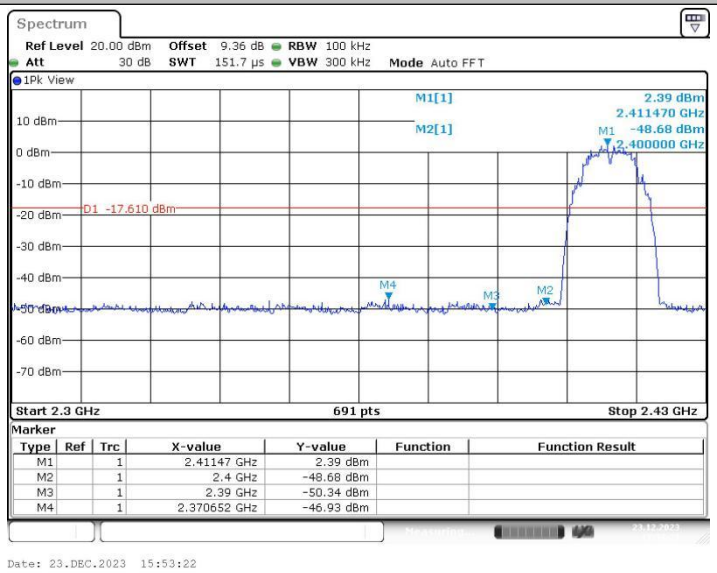
Appendix E: Band edge measurements

Test Result

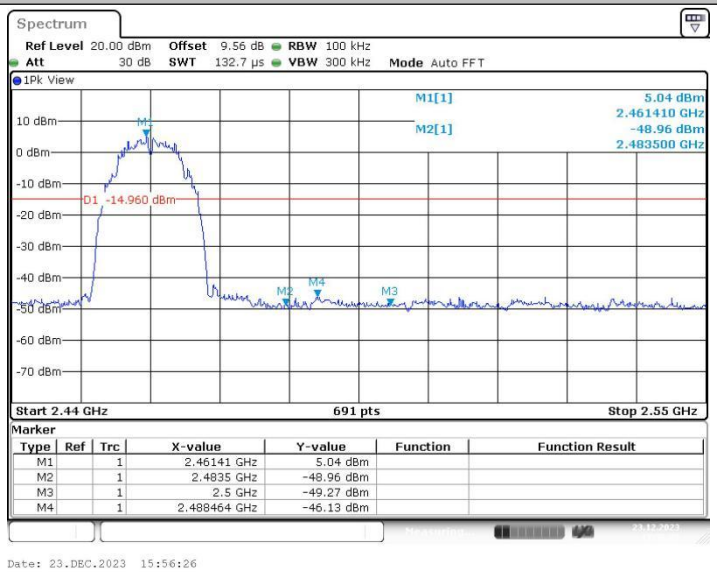
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.39	-46.93	≤-17.61	PASS
		High	2462	5.04	-46.13	≤-14.96	PASS
11G	Ant1	Low	2412	-5.69	-42.75	≤-25.69	PASS
		High	2462	-2.84	-45.98	≤-22.84	PASS
11N20SISO	Ant1	Low	2412	-6.51	-44.95	≤-26.51	PASS
		High	2462	-2.83	-45.83	≤-22.83	PASS
11N40SISO	Ant1	Low	2422	-8.06	-46.68	≤-28.06	PASS
		High	2452	-6.69	-45.41	≤-26.69	PASS

Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412