

Appendix Test Data

Report No.:	1813C50438012502-01	Test Sample No.:	1-2-2
Start Test Date:	2025-10-22	Finish Test Date:	2025-10-25
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	22.8°C	Relative Humidity:	48%
Pressure:	101kPa		



Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.800	2408.440	2417.240	0.5	PASS
11B	Ant1	2437	8.800	2433.440	2442.240	0.5	PASS
11B	Ant1	2462	10.200	2456.960	2467.160	0.5	PASS
11G	Ant1	2412	16.560	2403.760	2420.320	0.5	PASS
11G	Ant1	2437	16.560	2428.760	2445.320	0.5	PASS
11G	Ant1	2462	16.560	2453.760	2470.320	0.5	PASS
11N20SISO	Ant1	2412	17.800	2403.120	2420.920	0.5	PASS
11N20SISO	Ant1	2437	17.800	2428.120	2445.920	0.5	PASS
11N20SISO	Ant1	2462	17.840	2453.120	2470.960	0.5	PASS
11N40SISO	Ant1	2422	36.400	2403.760	2440.160	0.5	PASS
11N40SISO	Ant1	2437	36.400	2418.760	2455.160	0.5	PASS
11N40SISO	Ant1	2452	36.400	2433.760	2470.160	0.5	PASS
11AX20SISO	Ant1	2412	19.200	2402.440	2421.640	0.5	PASS
11AX20SISO	Ant1	2437	19.200	2427.440	2446.640	0.5	PASS
11AX20SISO	Ant1	2462	19.200	2452.440	2471.640	0.5	PASS
11AX40SISO	Ant1	2422	37.840	2403.120	2440.960	0.5	PASS
11AX40SISO	Ant1	2437	37.840	2418.120	2455.960	0.5	PASS
11AX40SISO	Ant1	2452	37.840	2433.120	2470.960	0.5	PASS

Test Graphs

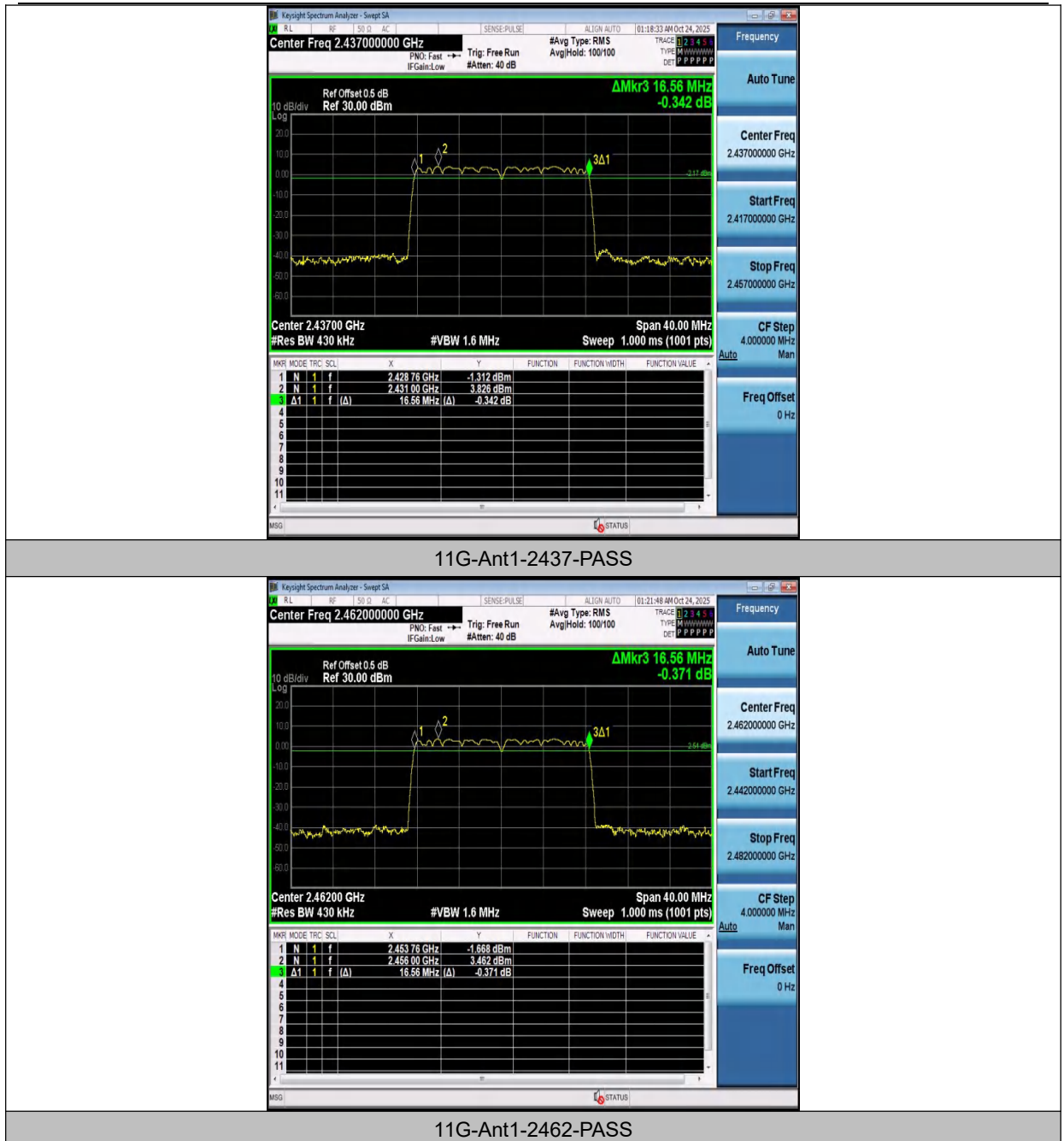


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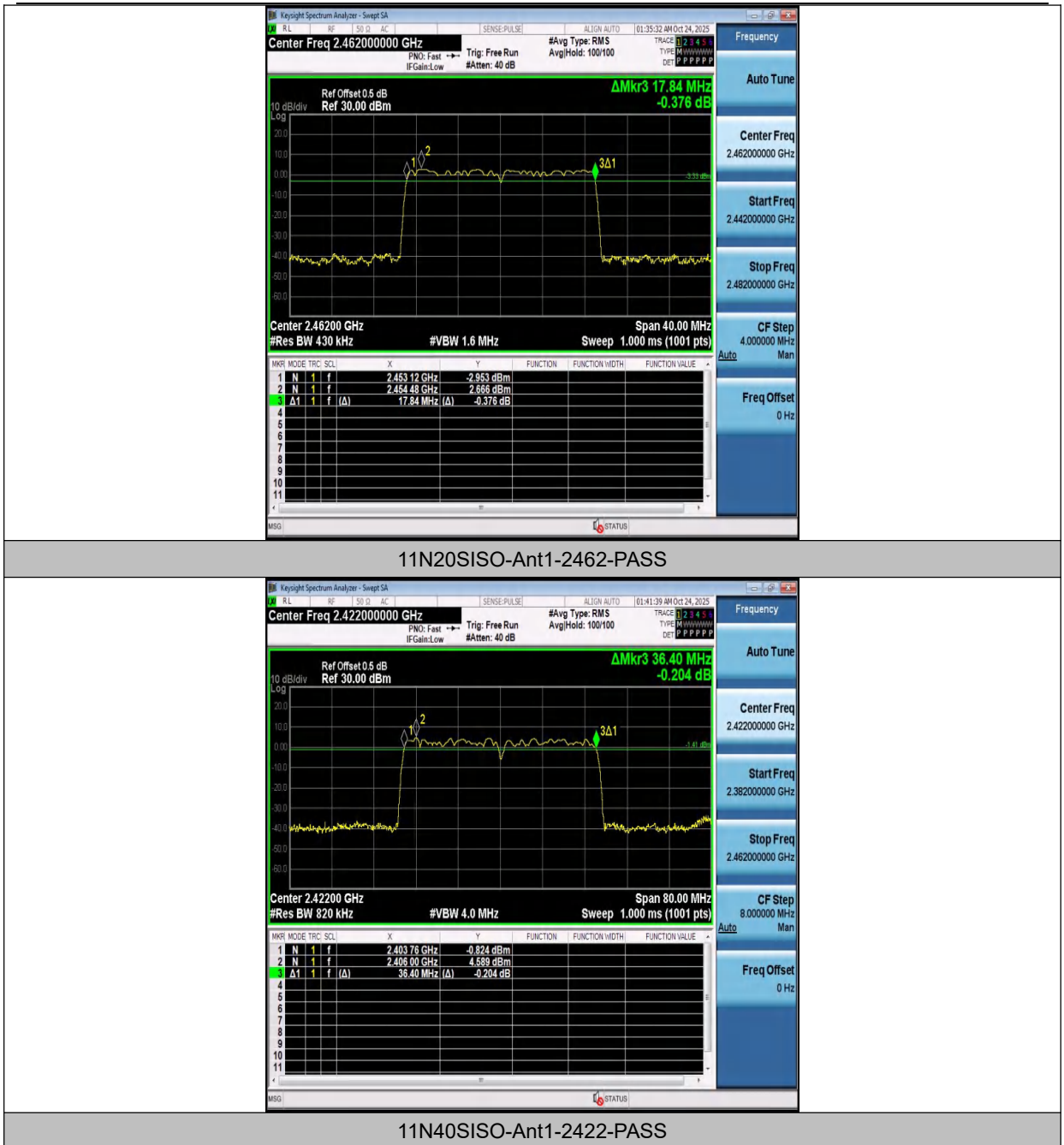




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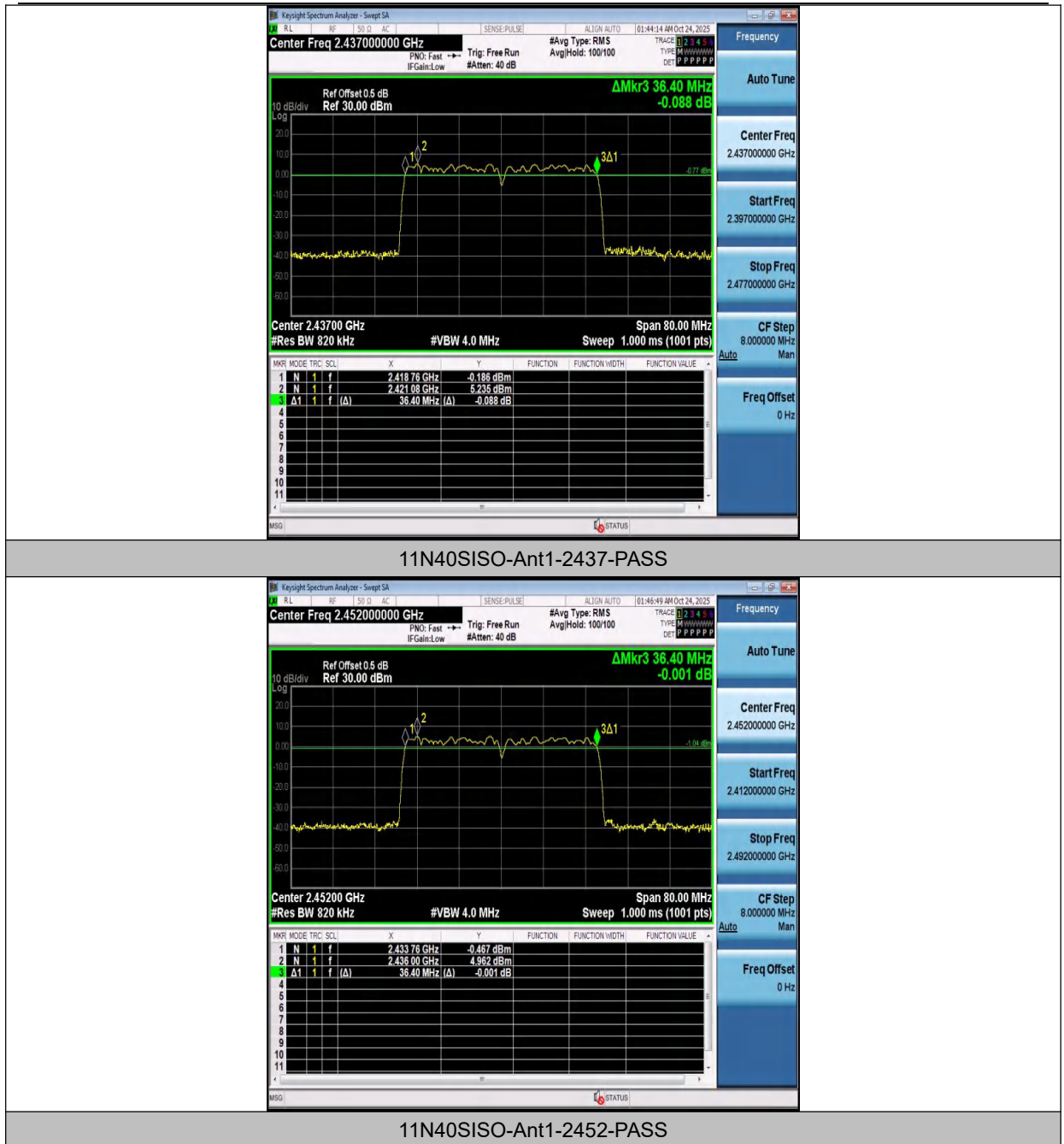
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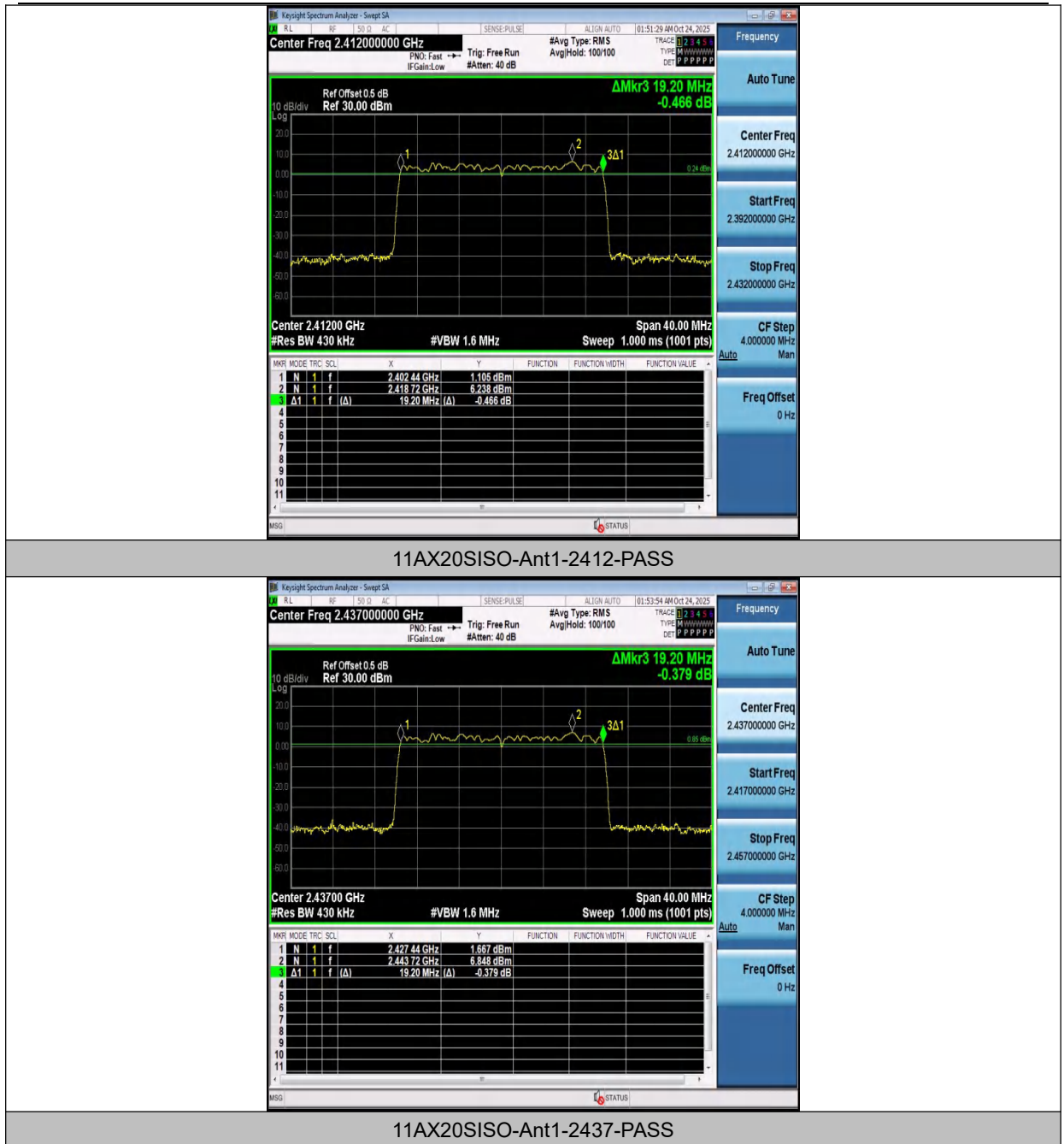
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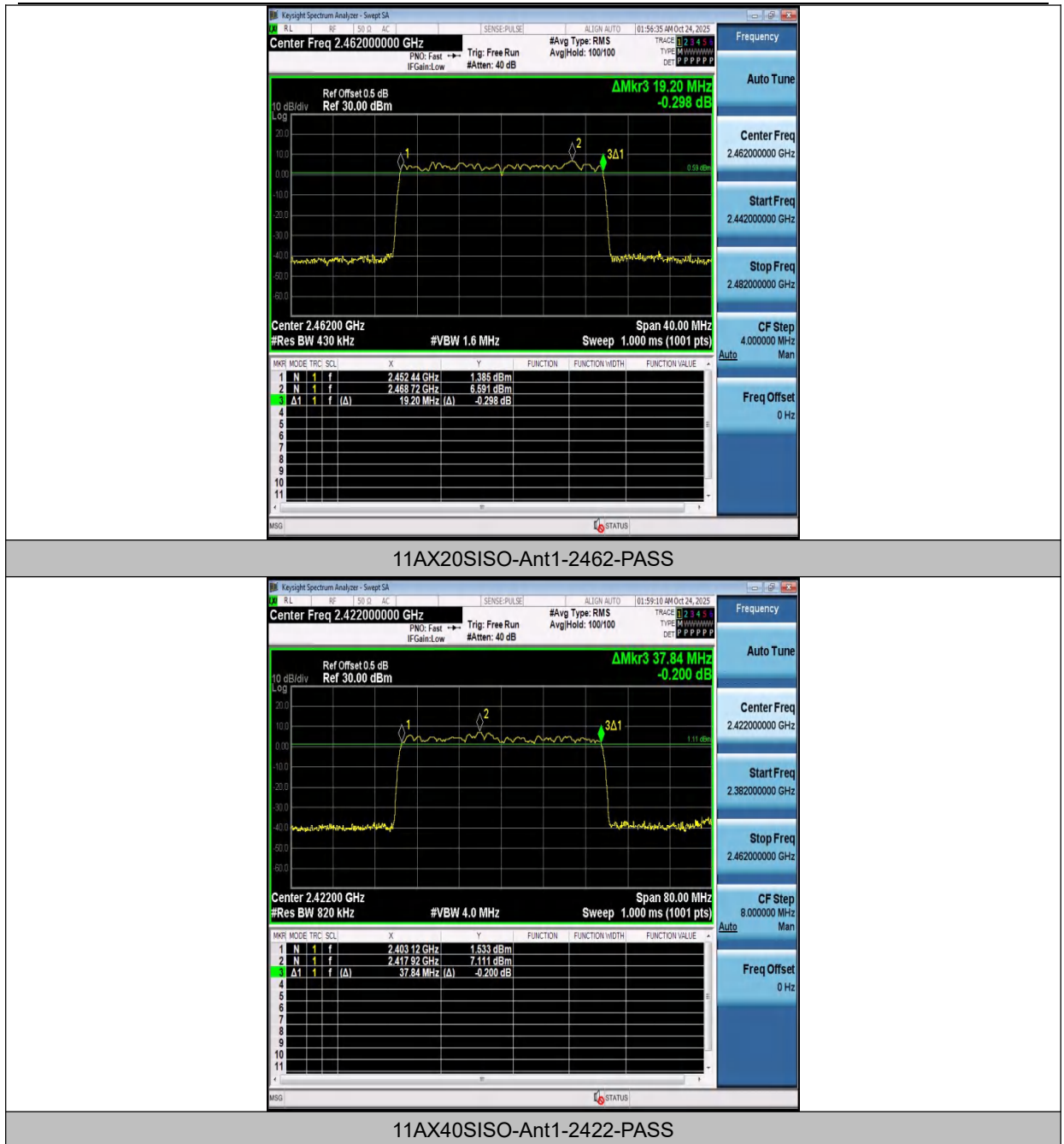
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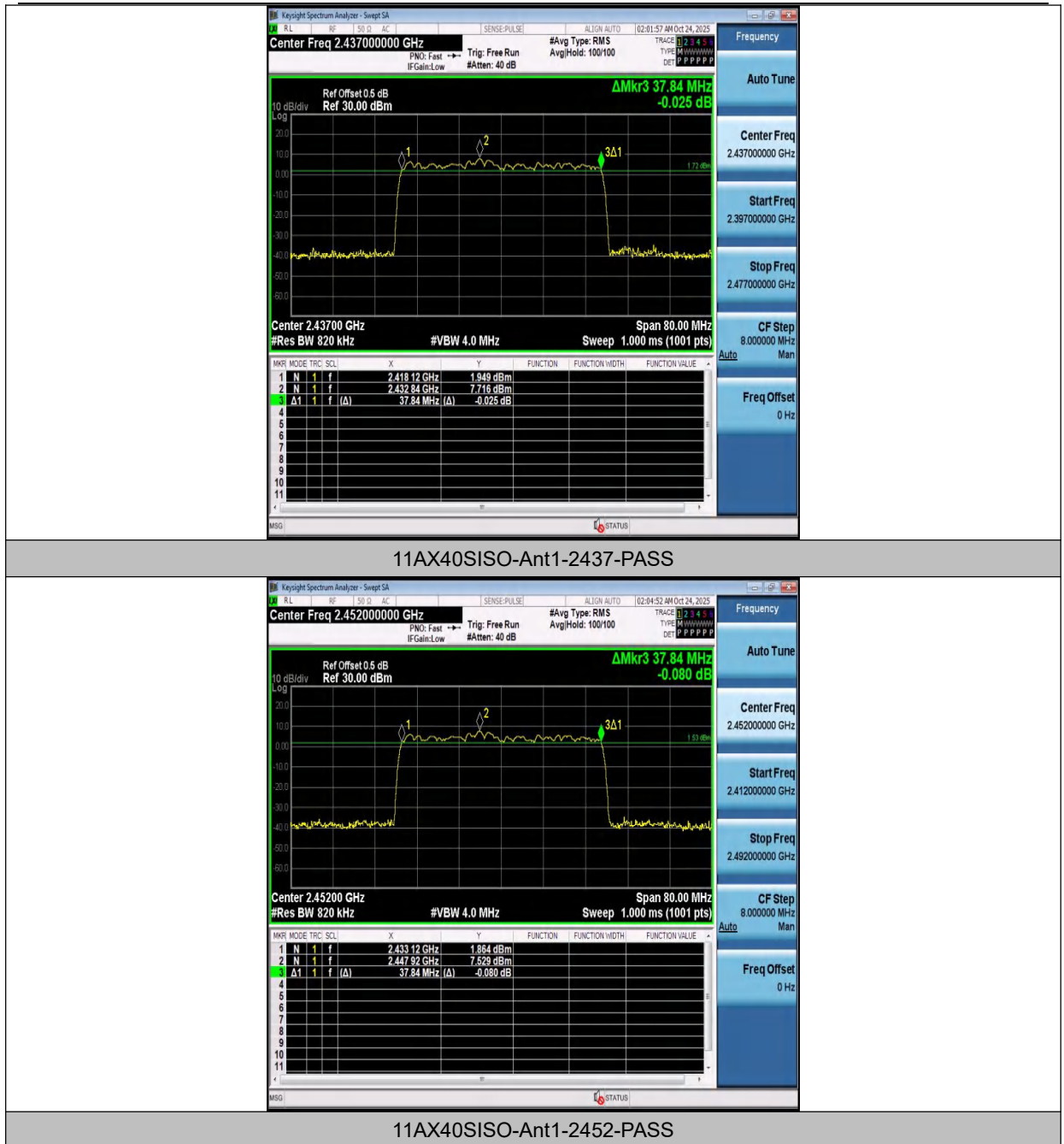
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.808	2406.2603	2420.0683	---	---
11B	Ant1	2437	13.822	2431.2457	2445.0677	---	---
11B	Ant1	2462	14.854	2454.6692	2469.5232	---	---
11G	Ant1	2412	16.410	2403.8314	2420.2414	---	---
11G	Ant1	2437	16.409	2428.8298	2445.2388	---	---
11G	Ant1	2462	16.408	2453.8288	2470.2368	---	---
11N20SISO	Ant1	2412	17.651	2403.2055	2420.8565	---	---
11N20SISO	Ant1	2437	17.649	2428.2085	2445.8575	---	---
11N20SISO	Ant1	2462	17.647	2453.2102	2470.8572	---	---
11N40SISO	Ant1	2422	36.214	2403.8872	2440.1012	---	---
11N40SISO	Ant1	2437	36.218	2418.8897	2455.1077	---	---
11N40SISO	Ant1	2452	36.211	2433.8936	2470.1046	---	---
11AX20SISO	Ant1	2412	19.091	2402.4880	2421.5790	---	---
11AX20SISO	Ant1	2437	19.093	2427.4872	2446.5802	---	---
11AX20SISO	Ant1	2462	19.094	2452.4882	2471.5822	---	---
11AX40SISO	Ant1	2422	37.842	2403.1127	2440.9547	---	---
11AX40SISO	Ant1	2437	37.843	2418.1151	2455.9581	---	---
11AX40SISO	Ant1	2452	37.835	2433.1194	2470.9544	---	---

Test Graphs



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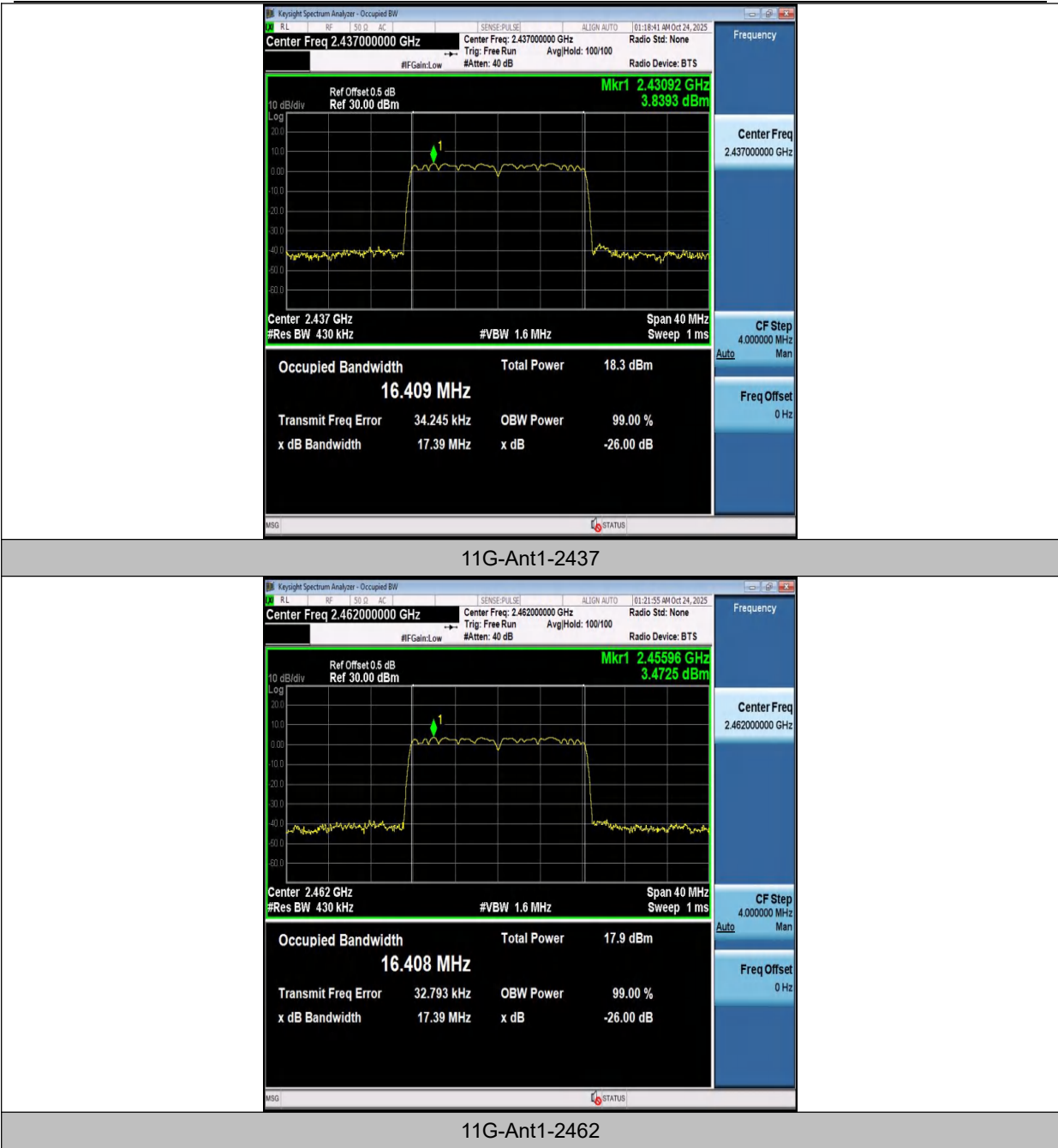
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Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	14.05	≤30.00	PASS
11B	Ant1	2437	14.06	≤30.00	PASS
11B	Ant1	2462	15.03	≤30.00	PASS
11G	Ant1	2412	14.47	≤30.00	PASS
11G	Ant1	2437	14.91	≤30.00	PASS
11G	Ant1	2462	14.56	≤30.00	PASS
11N20SISO	Ant1	2412	14.26	≤30.00	PASS
11N20SISO	Ant1	2437	14.21	≤30.00	PASS
11N20SISO	Ant1	2462	13.91	≤30.00	PASS
11N40SISO	Ant1	2422	14.19	≤30.00	PASS
11N40SISO	Ant1	2437	14.87	≤30.00	PASS
11N40SISO	Ant1	2452	14.68	≤30.00	PASS
11AX20SISO	Ant1	2412	14.36	≤30.00	PASS
11AX20SISO	Ant1	2437	14.87	≤30.00	PASS
11AX20SISO	Ant1	2462	14.63	≤30.00	PASS
11AX40SISO	Ant1	2422	14.29	≤30.00	PASS
11AX40SISO	Ant1	2437	14.87	≤30.00	PASS
11AX40SISO	Ant1	2452	14.70	≤30.00	PASS

Note: The cable loss are compensated in the graph.

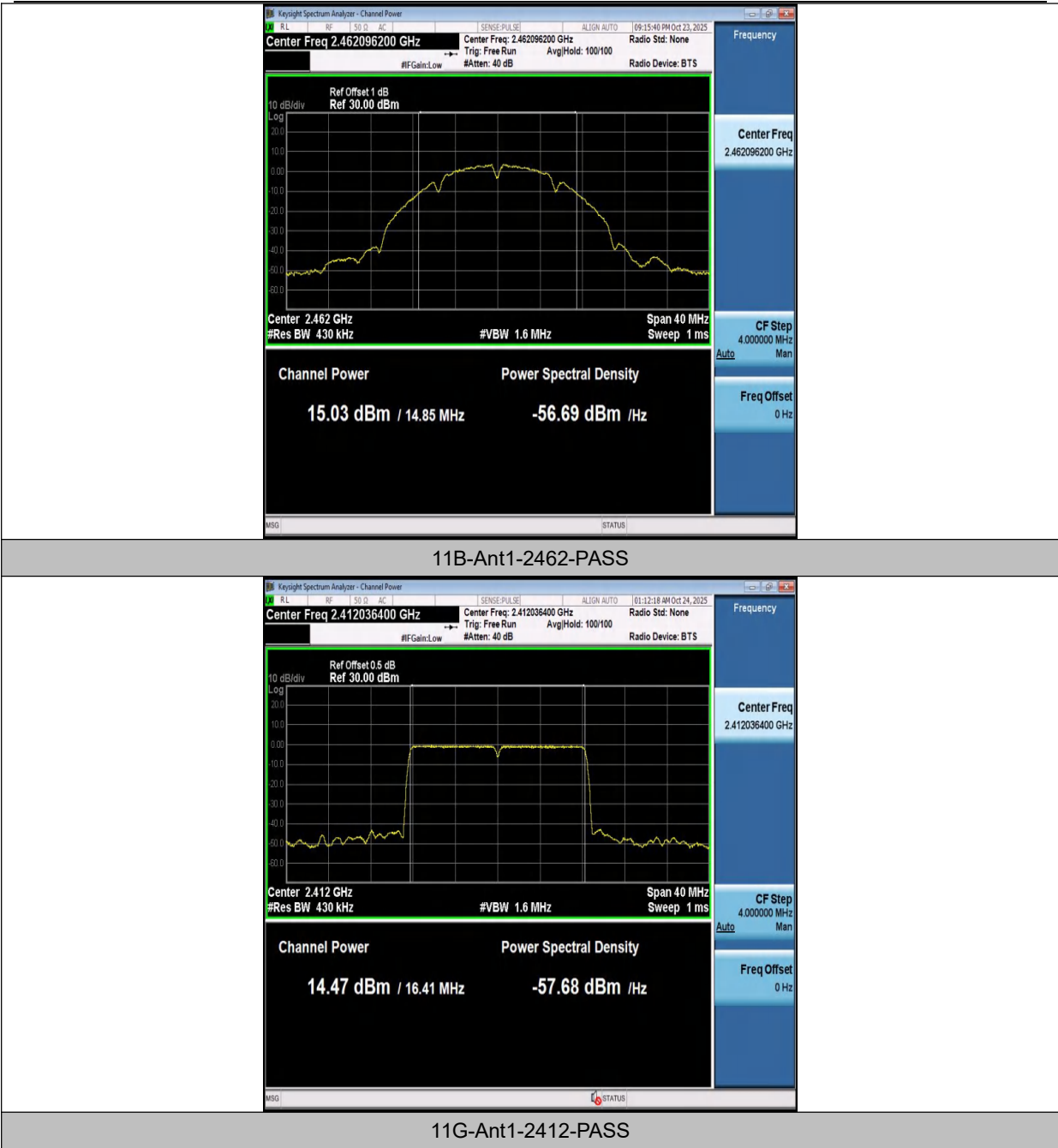
Test Graphs Average



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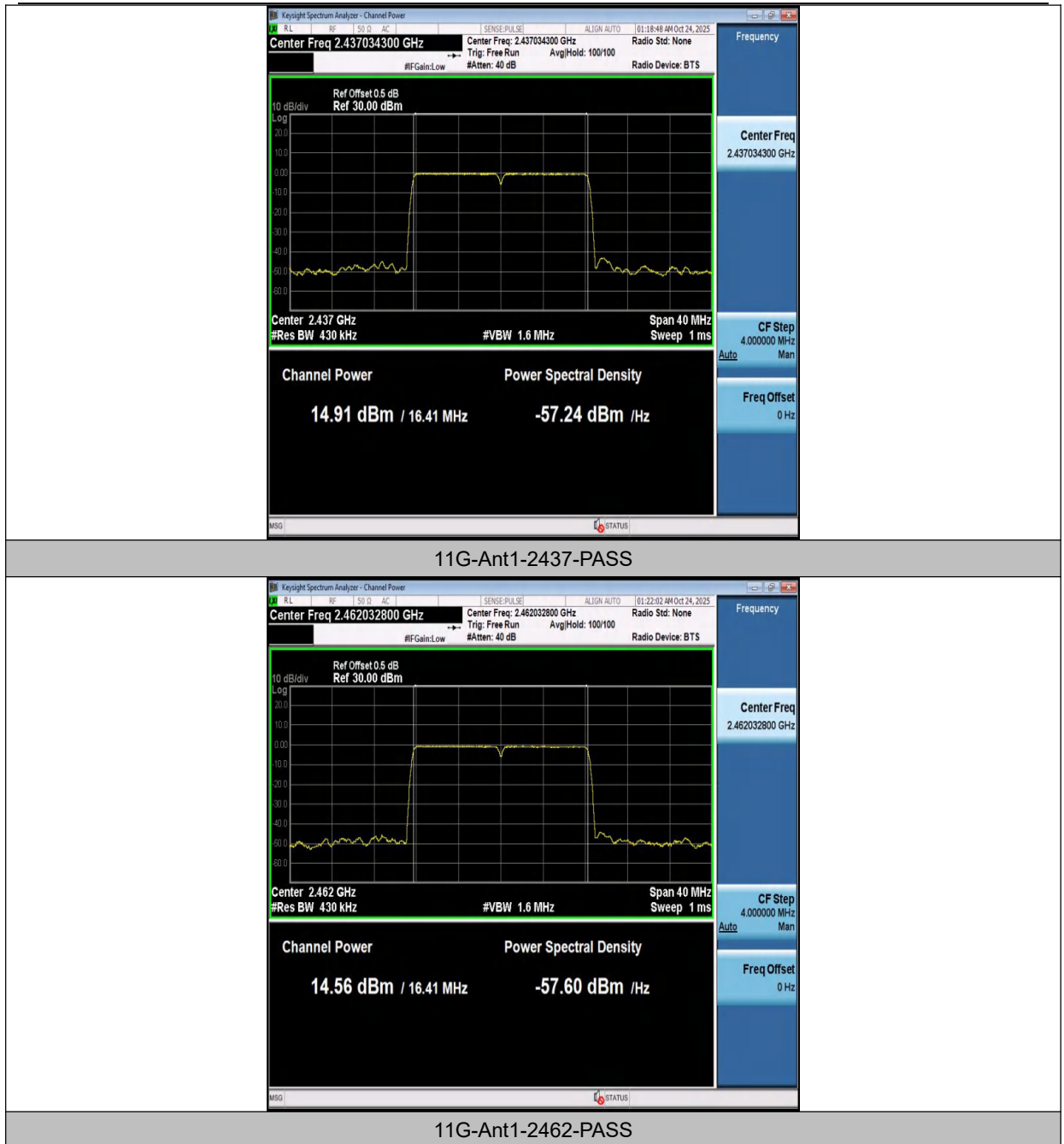
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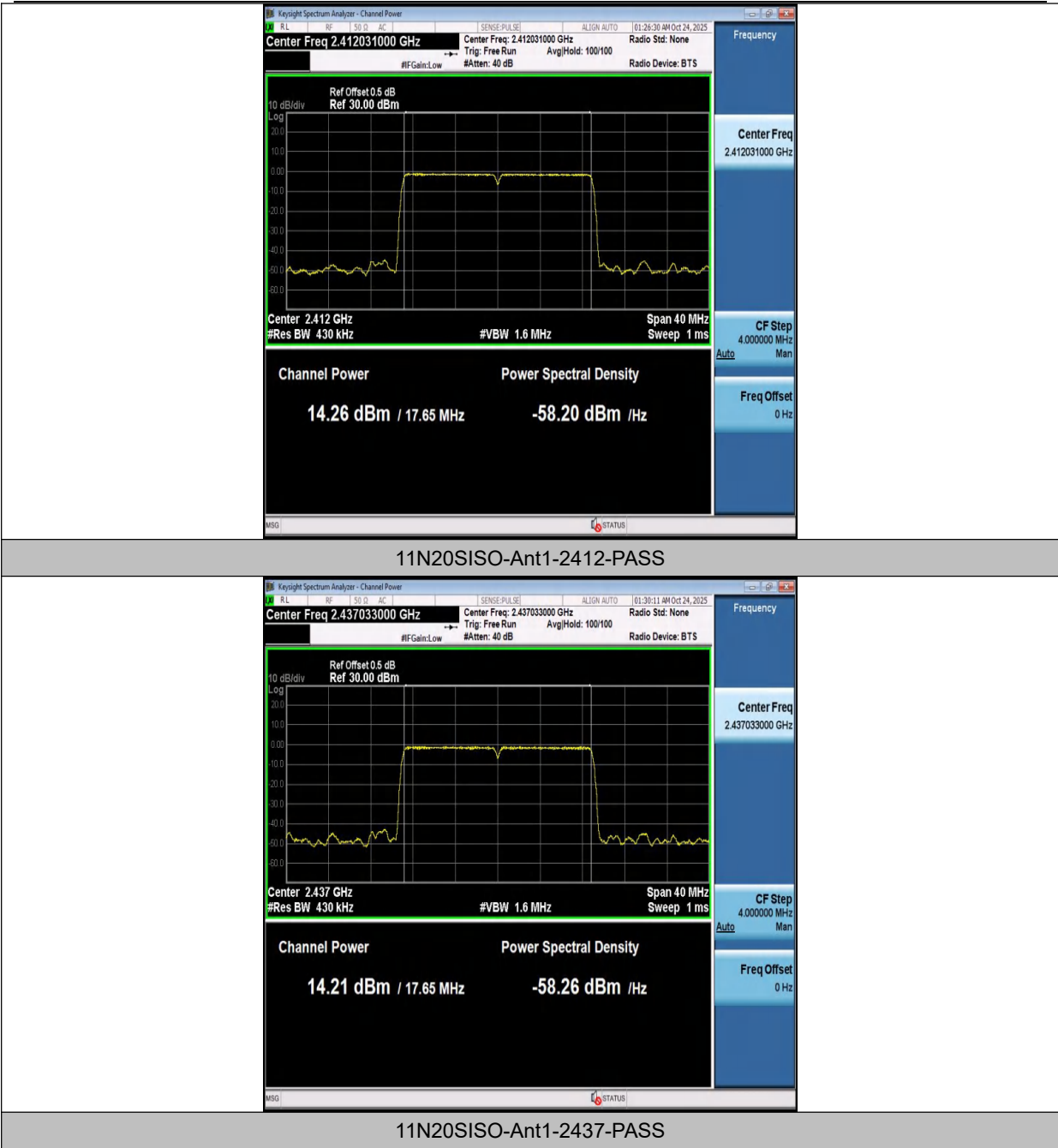
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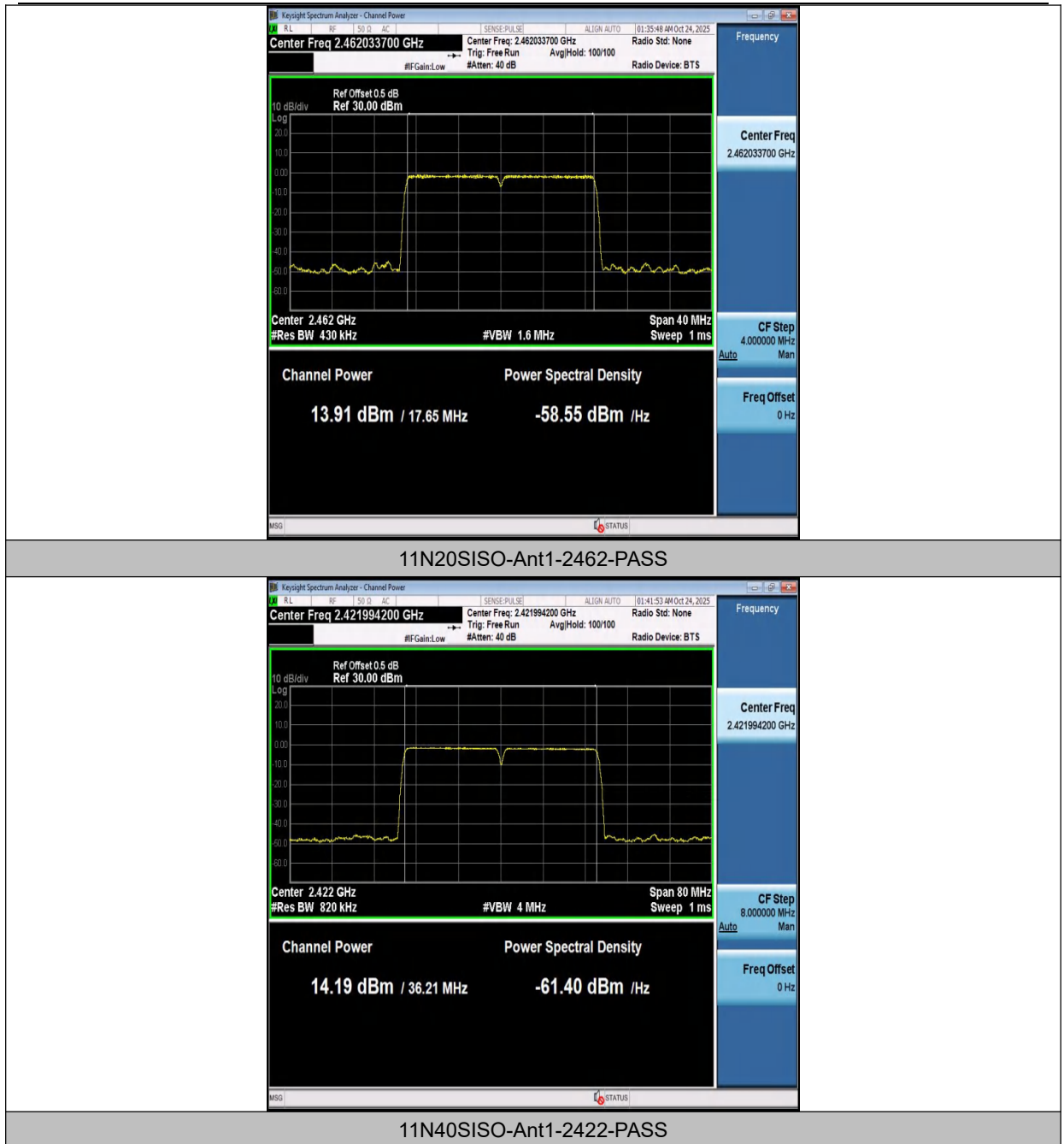


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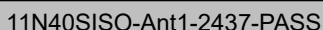


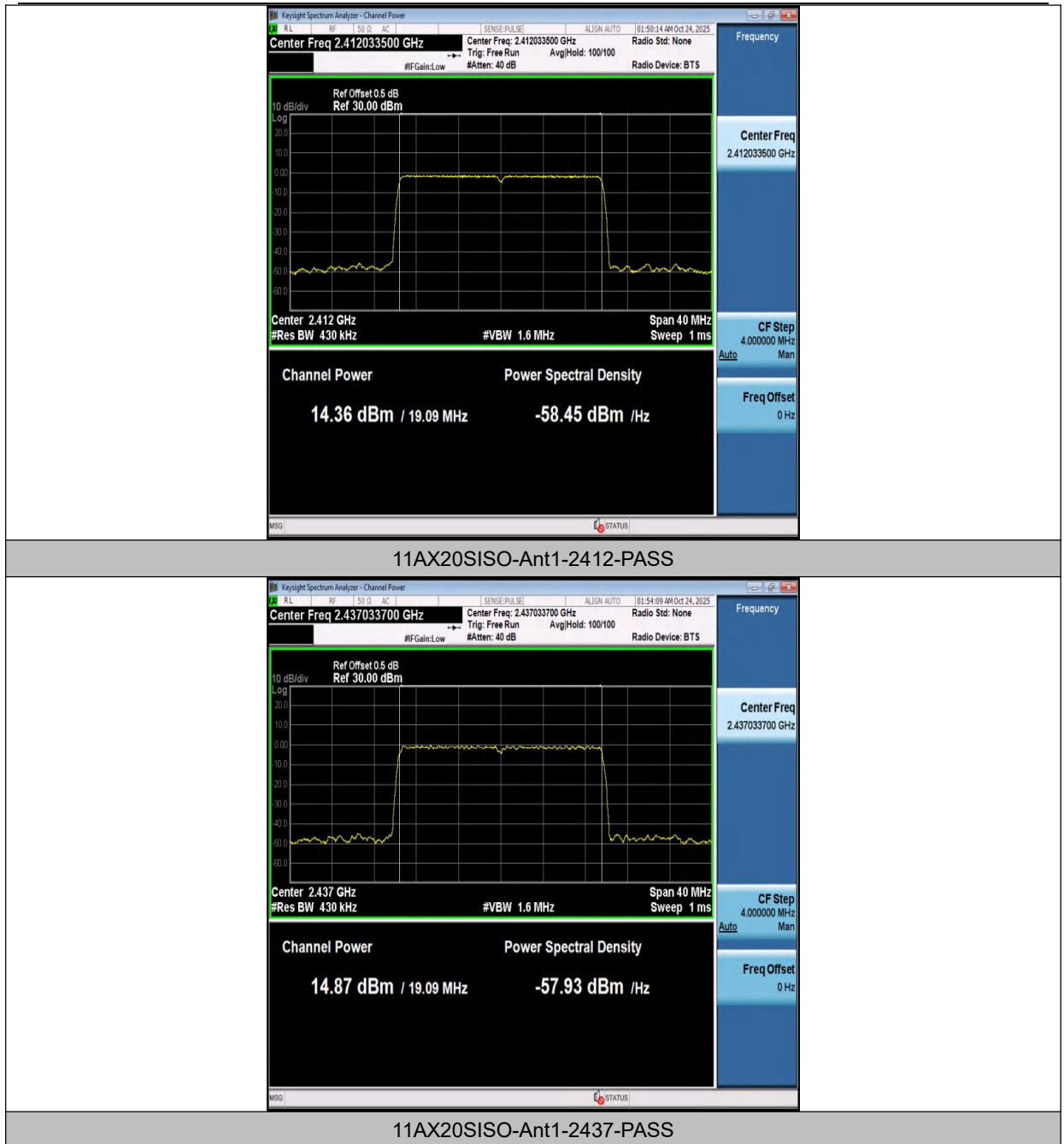


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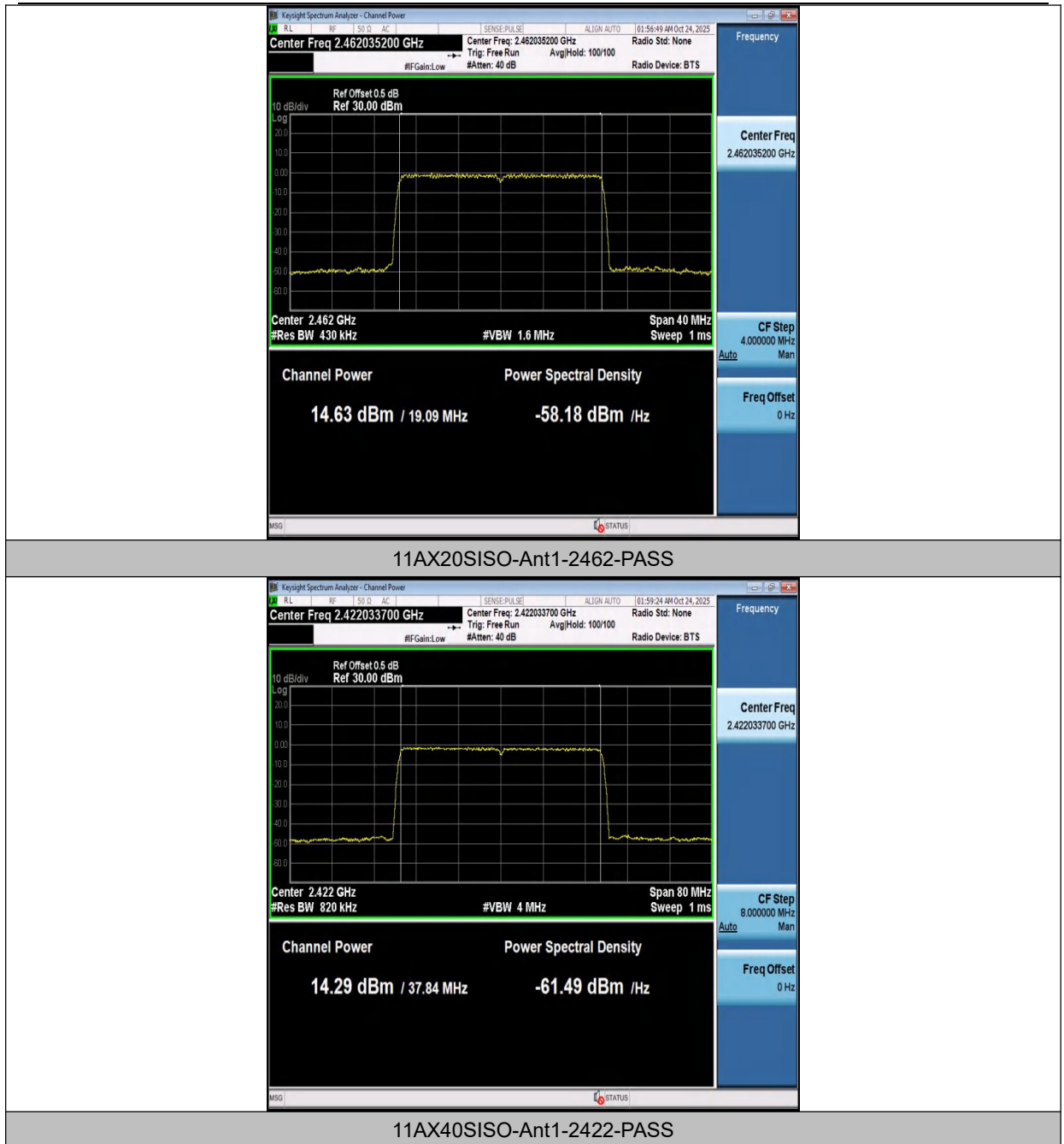




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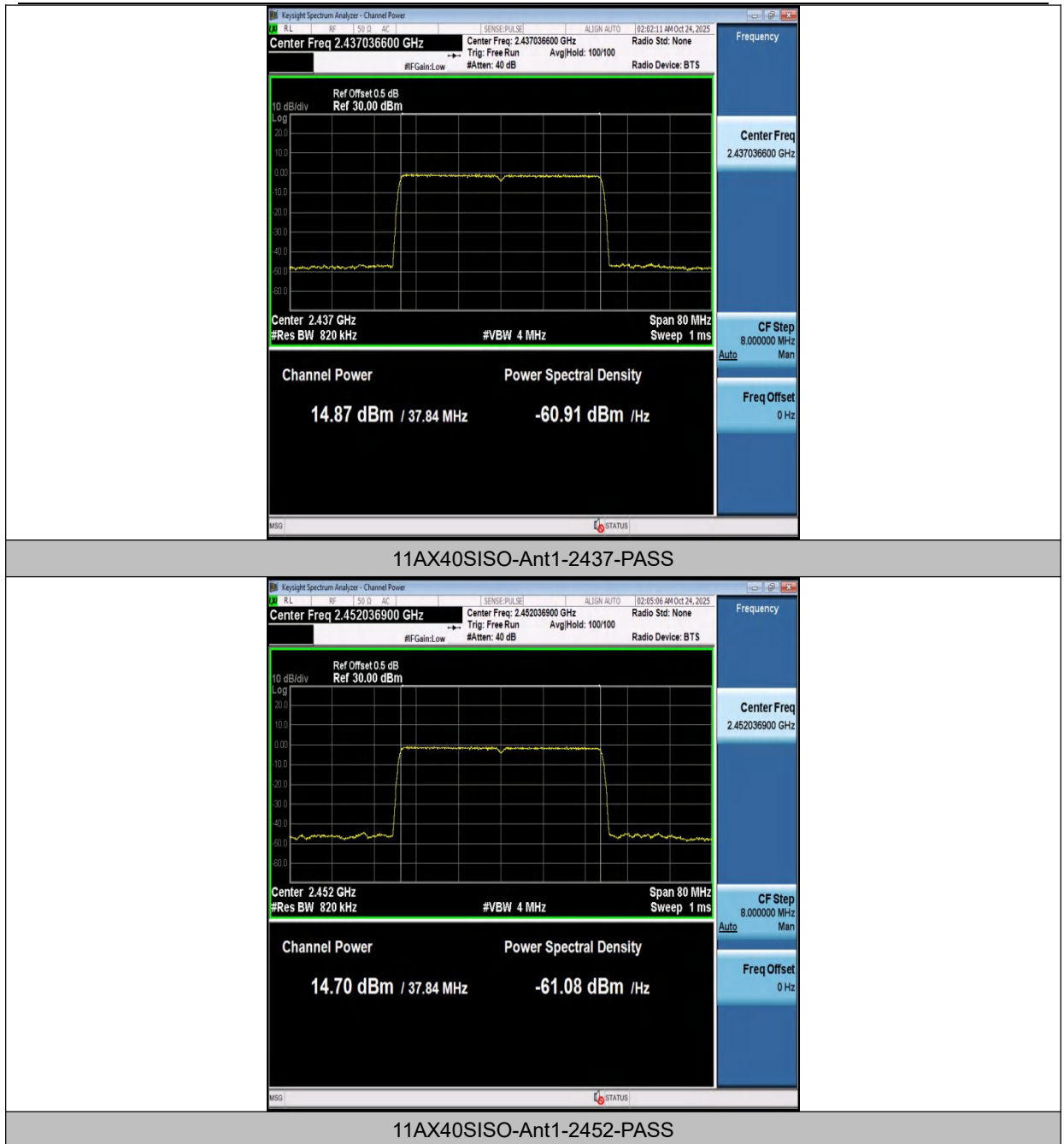
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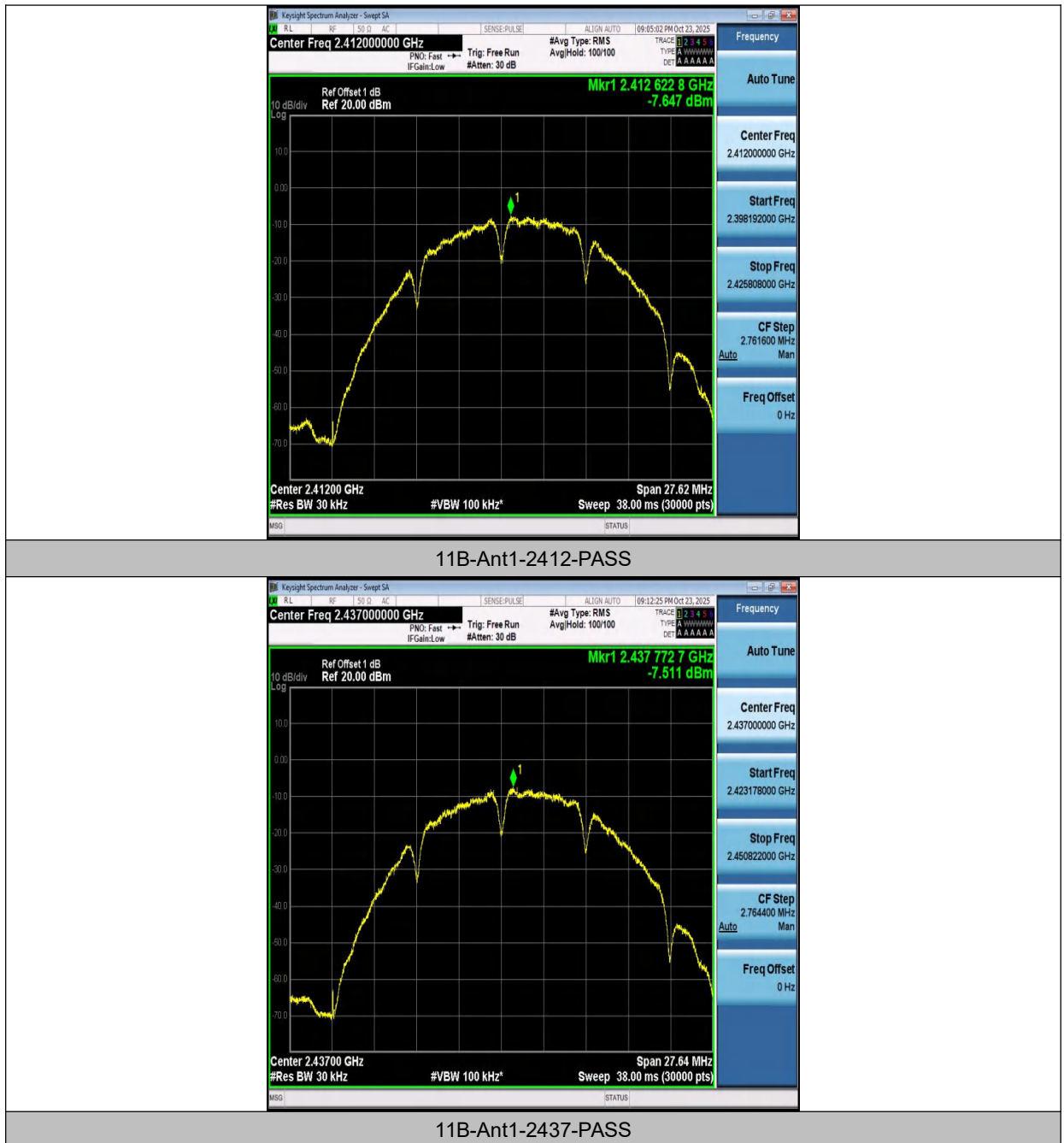
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Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/30kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-7.65	≤8.00	PASS
11B	Ant1	2437	-7.51	≤8.00	PASS
11B	Ant1	2462	-7.12	≤8.00	PASS
11G	Ant1	2412	-8.90	≤8.00	PASS
11G	Ant1	2437	-8.25	≤8.00	PASS
11G	Ant1	2462	-8.67	≤8.00	PASS
11N20SISO	Ant1	2412	-9.58	≤8.00	PASS
11N20SISO	Ant1	2437	-9.29	≤8.00	PASS
11N20SISO	Ant1	2462	-9.09	≤8.00	PASS
11N40SISO	Ant1	2422	-12.52	≤8.00	PASS
11N40SISO	Ant1	2437	-11.94	≤8.00	PASS
11N40SISO	Ant1	2452	-11.17	≤8.00	PASS
11AX20SISO	Ant1	2412	-10.19	≤8.00	PASS
11AX20SISO	Ant1	2437	-10.34	≤8.00	PASS
11AX20SISO	Ant1	2462	-10.57	≤8.00	PASS
11AX40SISO	Ant1	2422	-13.44	≤8.00	PASS
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11AX40SISO	Ant1	2452	-12.72	≤8.00	PASS

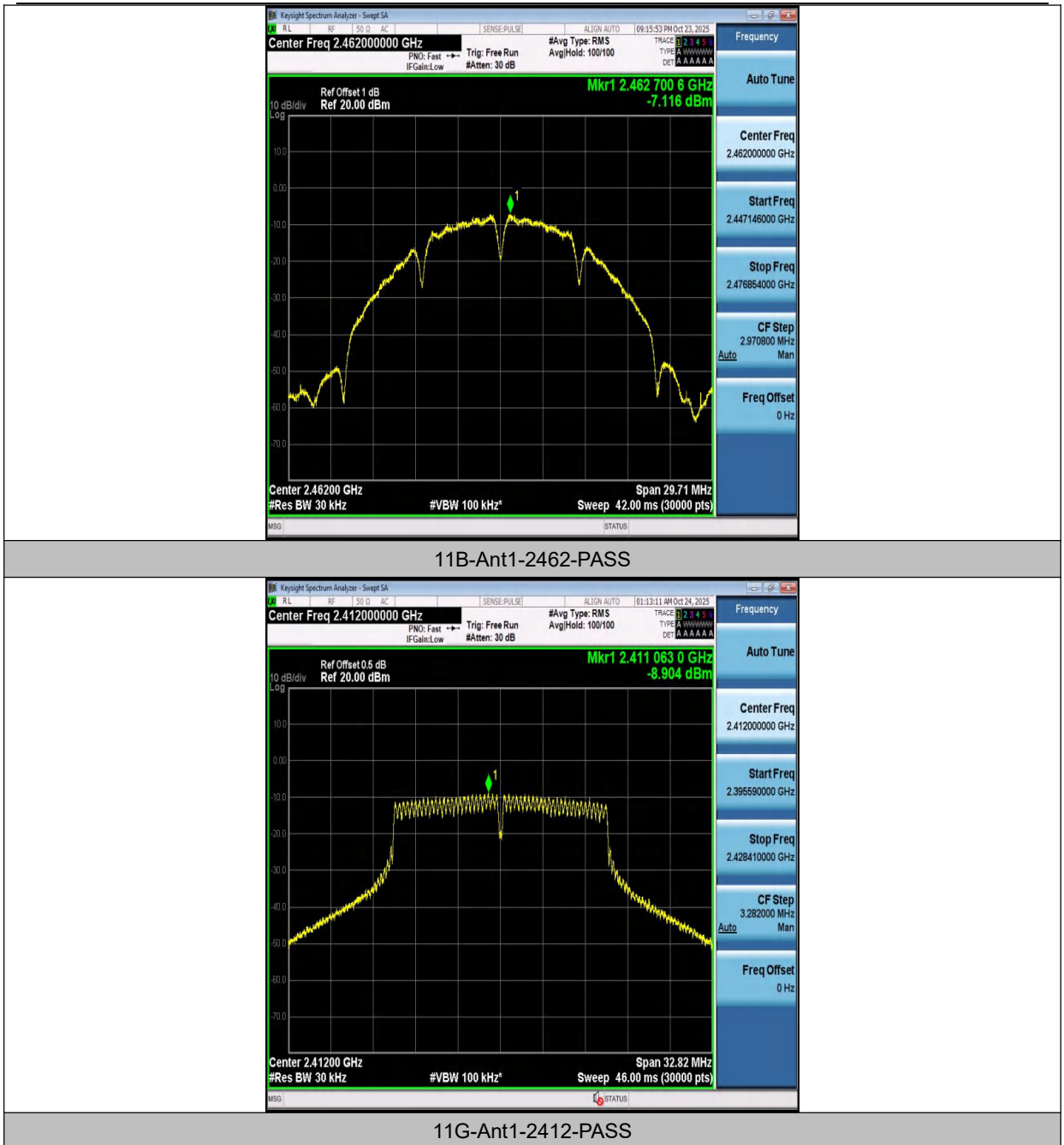
Test Graphs



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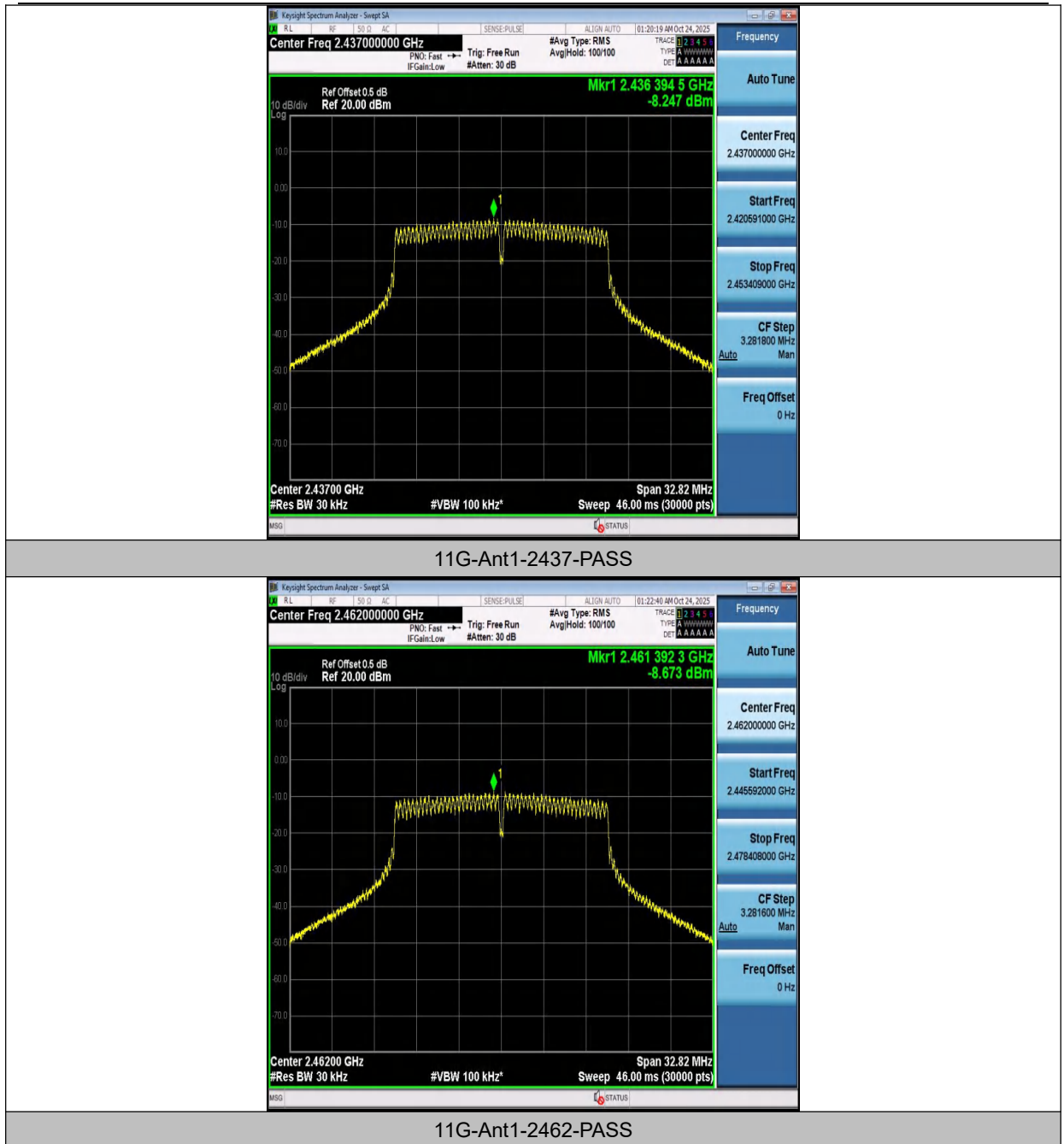
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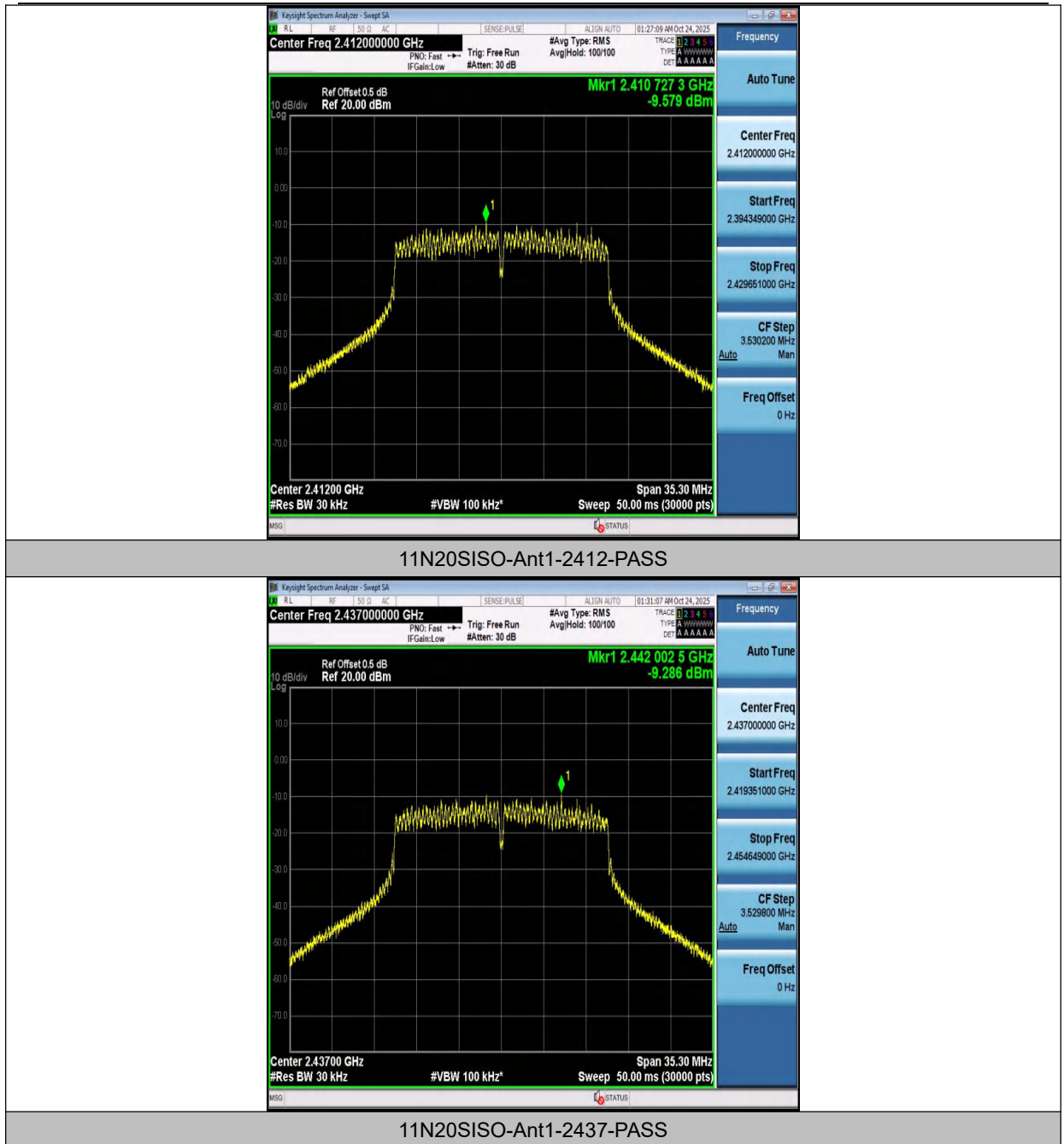
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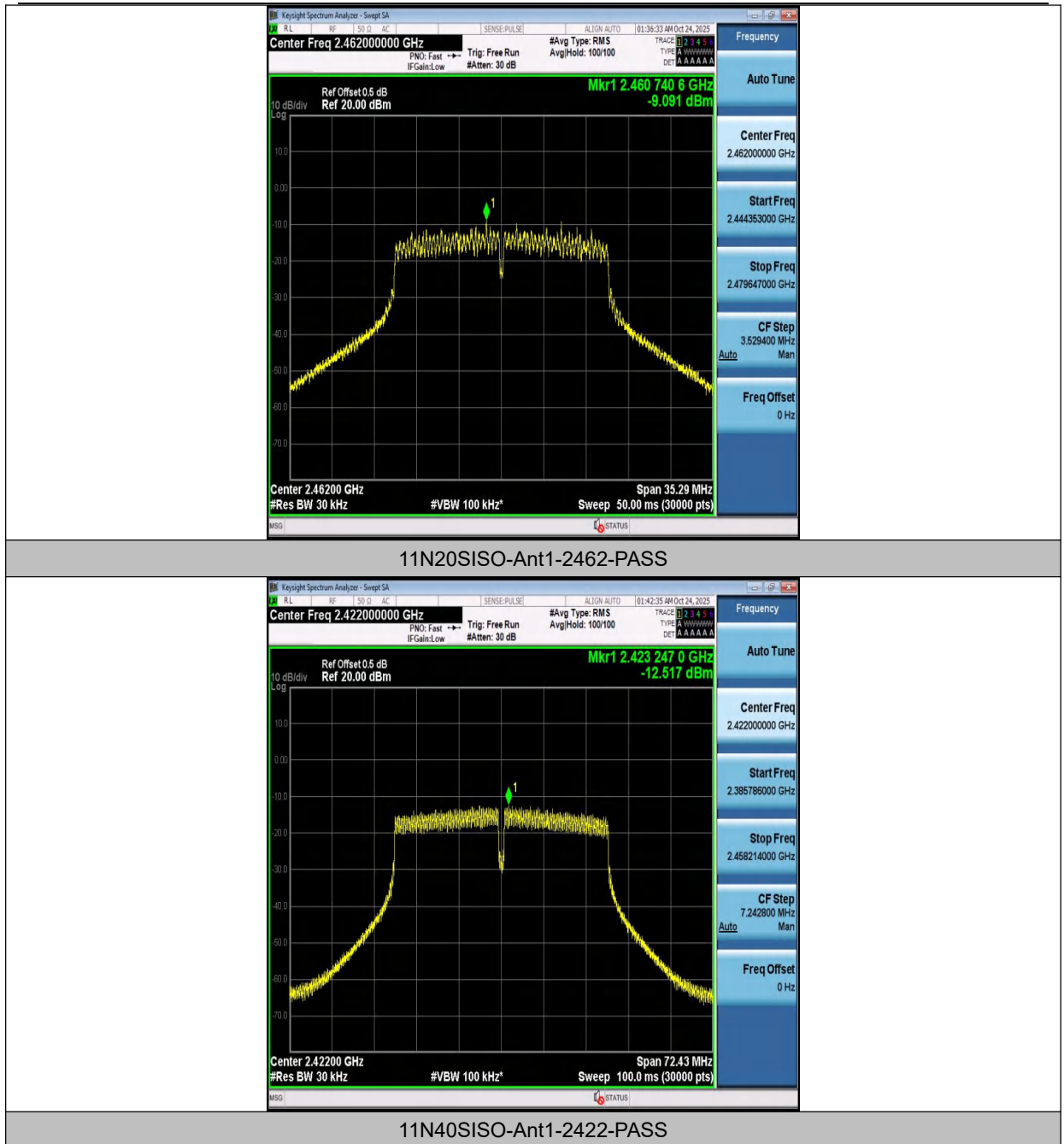
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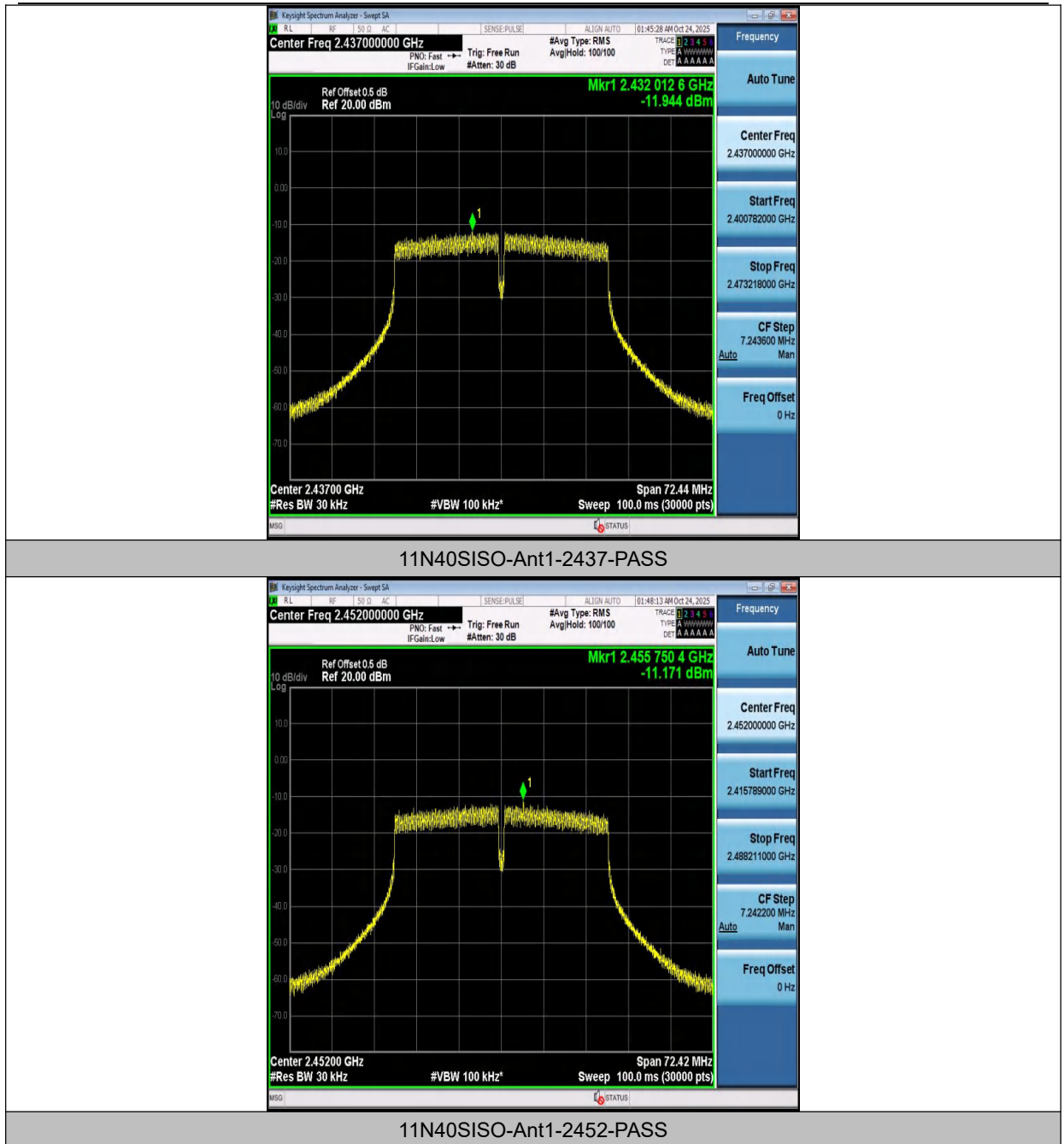
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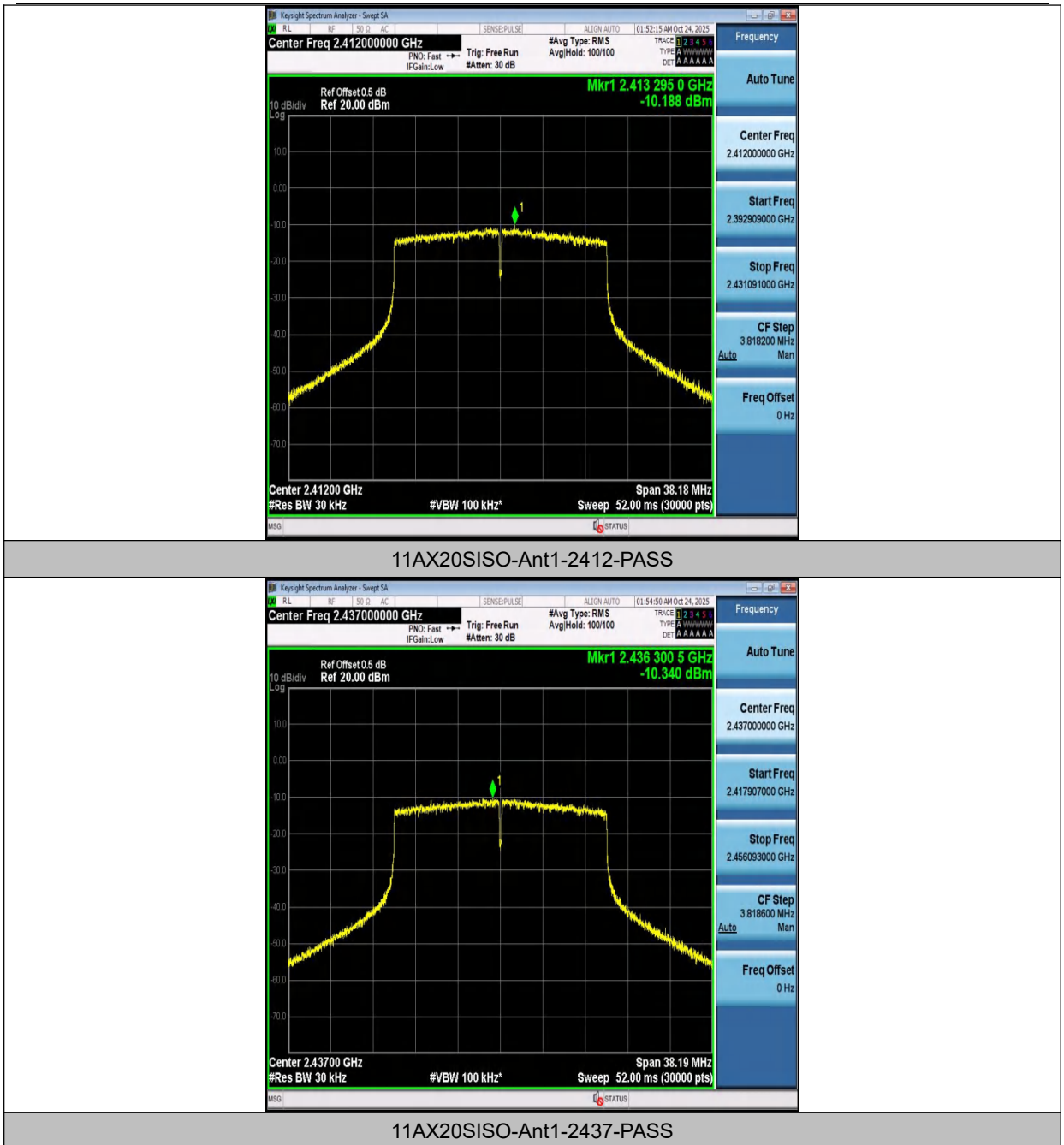
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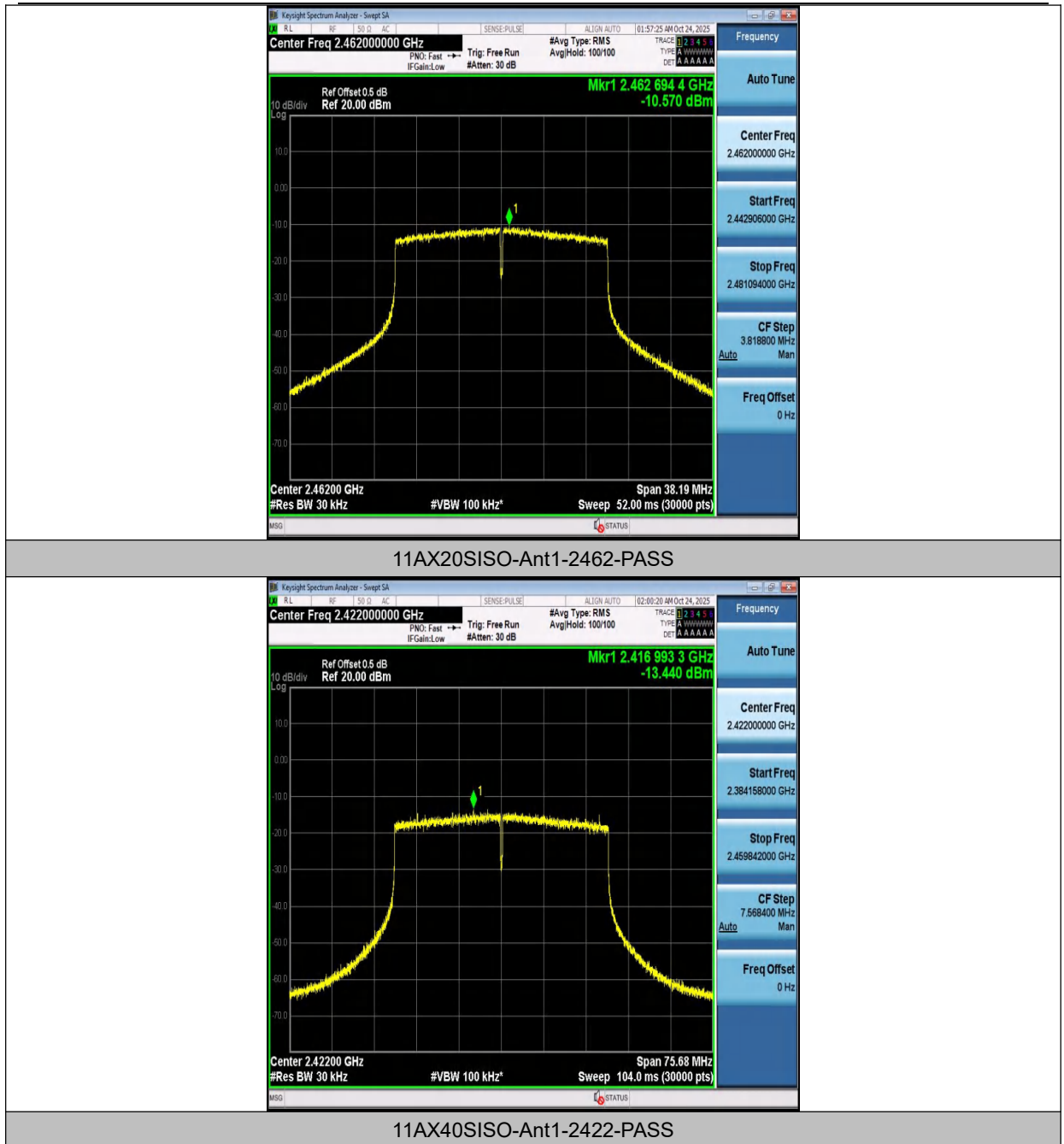
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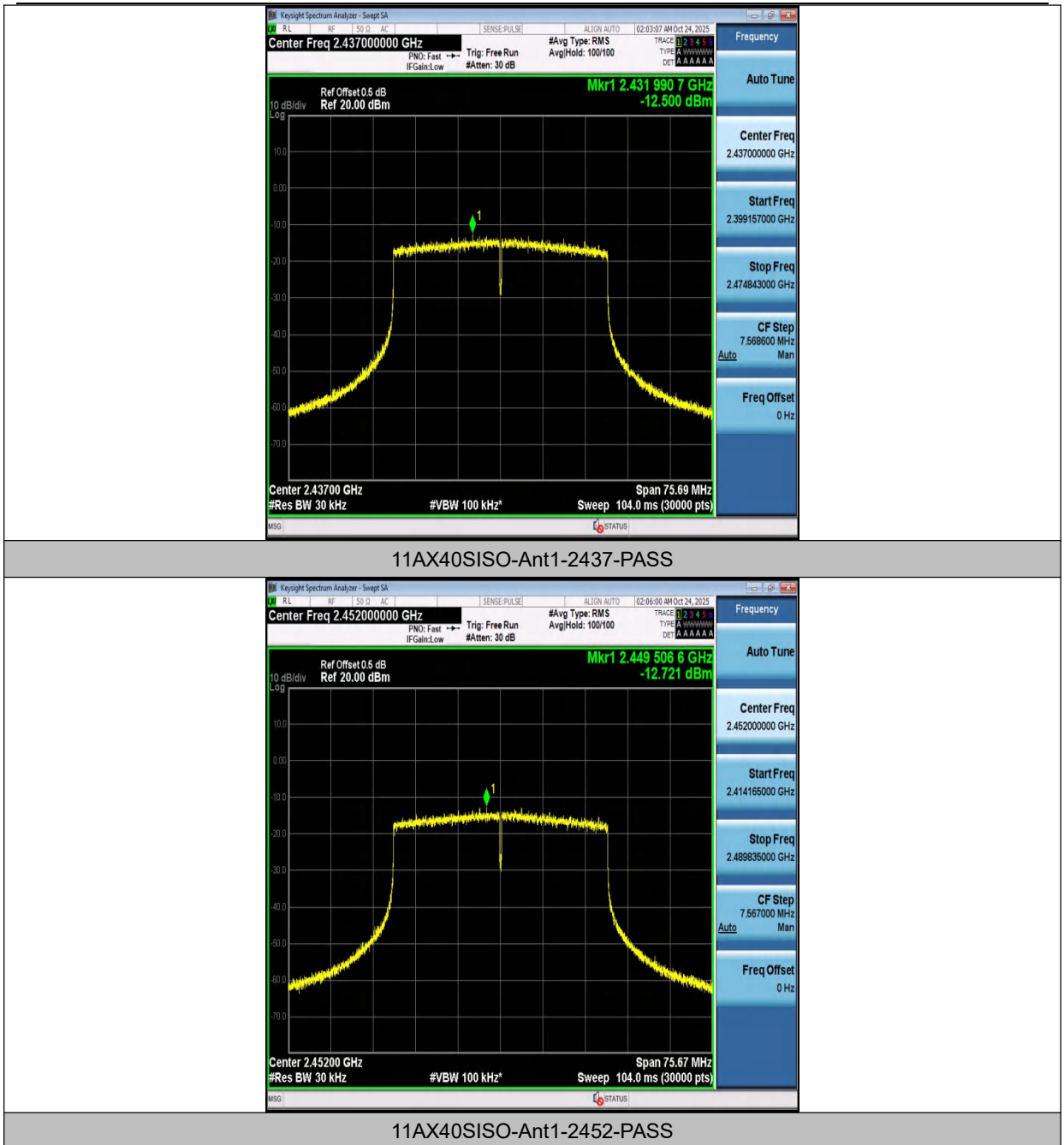
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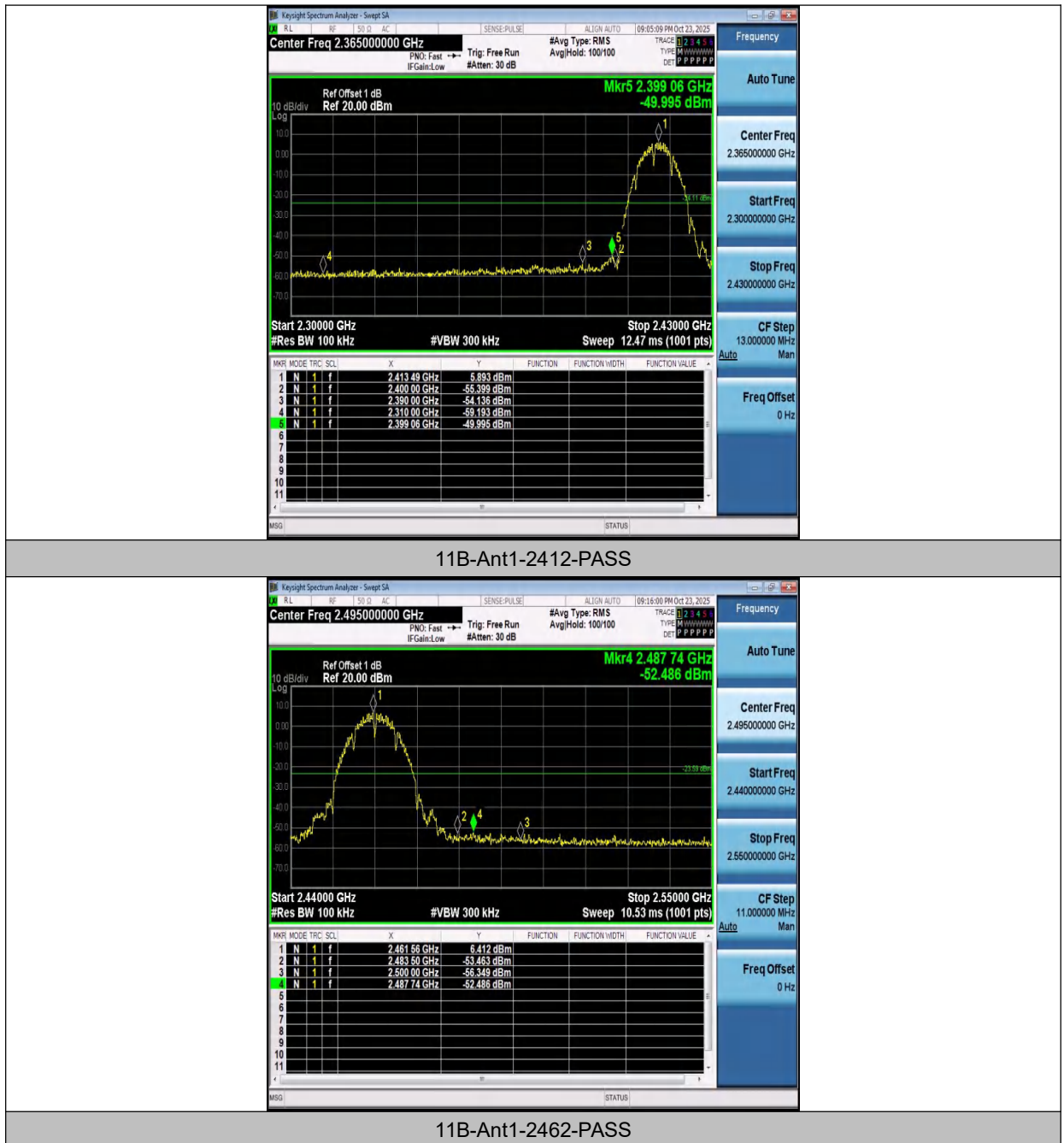
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Appendix E: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.89	-50	≤-24.11	PASS
11B	Ant1	High	2462	6.41	-52.49	≤-23.59	PASS
11G	Ant1	Low	2412	3.52	-26.55	≤-26.48	PASS
11G	Ant1	High	2462	4.26	-46.07	≤-25.74	PASS
11N20SISO	Ant1	Low	2412	-3.51	-46.09	≤-33.51	PASS
11N20SISO	Ant1	High	2462	4.09	-46.15	≤-25.91	PASS
11N40SISO	Ant1	Low	2422	1.34	-29.89	≤-28.66	PASS
11N40SISO	Ant1	High	2452	1.56	-39.47	≤-28.44	PASS
11AX20SISO	Ant1	Low	2412	3.55	-26.93	≤-26.45	PASS
11AX20SISO	Ant1	High	2462	4.07	-42.37	≤-25.93	PASS
11AX40SISO	Ant1	Low	2422	1.45	-30.24	≤-28.56	PASS
11AX40SISO	Ant1	High	2452	1.52	-40.21	≤-28.48	PASS

Test Graphs



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