

Appendix Test Data

Report No.:	1812C50698112503-01	Test Sample No.:	1-2-2
Start Test Date:	2025-12-26	Finish Test Date:	2025-12-31
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	21.7°C	Relative Humidity:	52%
Pressure:	101kPa		



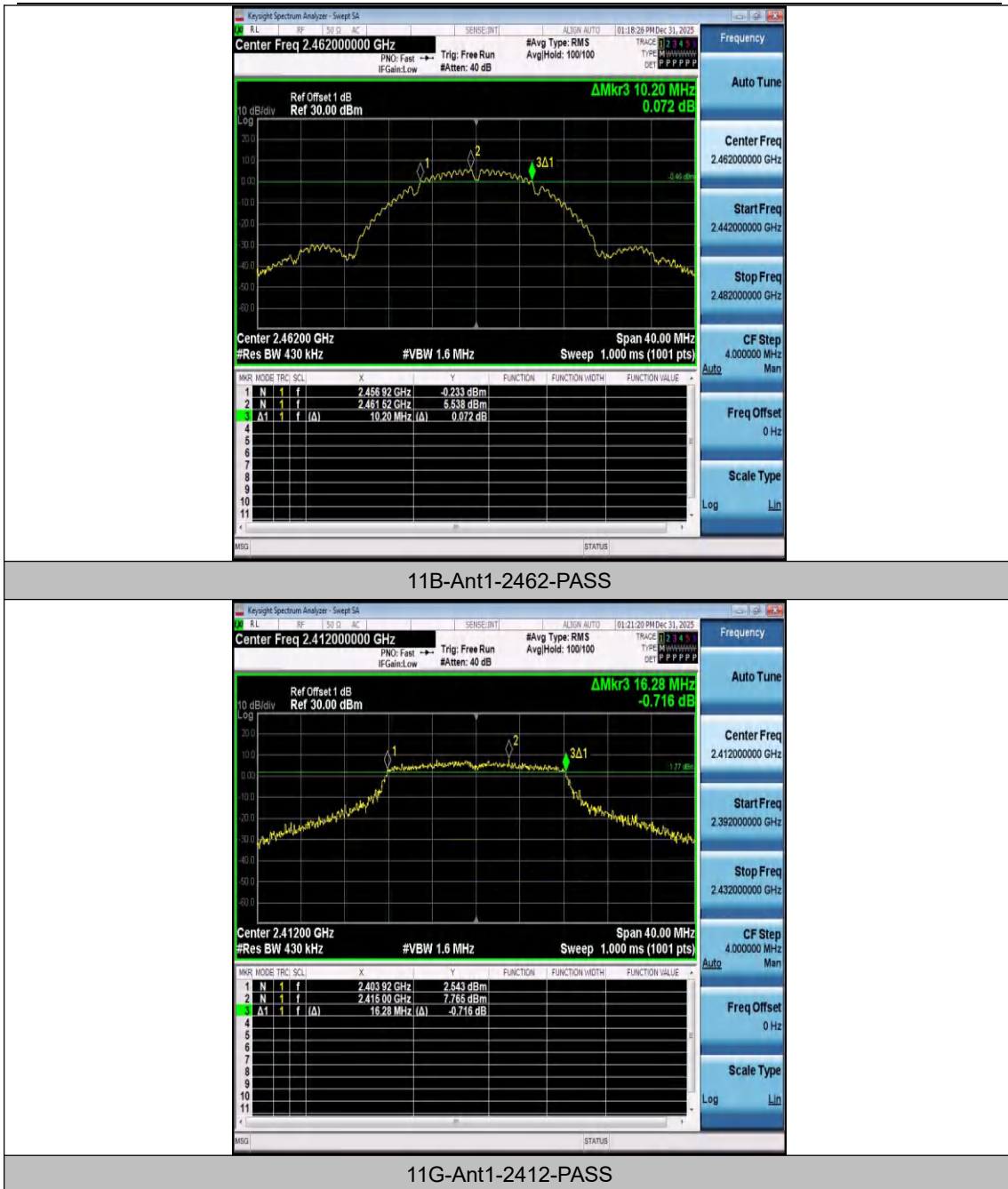
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.160	2406.960	2417.120	0.5	PASS
11B	Ant1	2437	10.200	2431.920	2442.120	0.5	PASS
11B	Ant1	2462	10.200	2456.920	2467.120	0.5	PASS
11G	Ant1	2412	16.280	2403.920	2420.200	0.5	PASS
11G	Ant1	2437	16.200	2428.880	2445.080	0.5	PASS
11G	Ant1	2462	16.280	2453.840	2470.120	0.5	PASS
11N20SISO	Ant1	2412	17.400	2403.280	2420.680	0.5	PASS
11N20SISO	Ant1	2437	17.440	2428.240	2445.680	0.5	PASS
11N20SISO	Ant1	2462	17.360	2453.320	2470.680	0.5	PASS
11N40SISO	Ant1	2422	35.920	2404.080	2440.000	0.5	PASS
11N40SISO	Ant1	2437	35.760	2419.160	2454.920	0.5	PASS
11N40SISO	Ant1	2452	36.160	2433.760	2469.920	0.5	PASS
11AX20SISO	Ant1	2412	17.800	2402.960	2420.760	0.5	PASS
11AX20SISO	Ant1	2437	18.520	2427.720	2446.240	0.5	PASS
11AX20SISO	Ant1	2462	18.360	2452.600	2470.960	0.5	PASS
11AX40SISO	Ant1	2422	36.560	2403.680	2440.240	0.5	PASS
11AX40SISO	Ant1	2437	36.880	2418.440	2455.320	0.5	PASS
11AX40SISO	Ant1	2452	35.920	2434.560	2470.480	0.5	PASS

Test Graphs

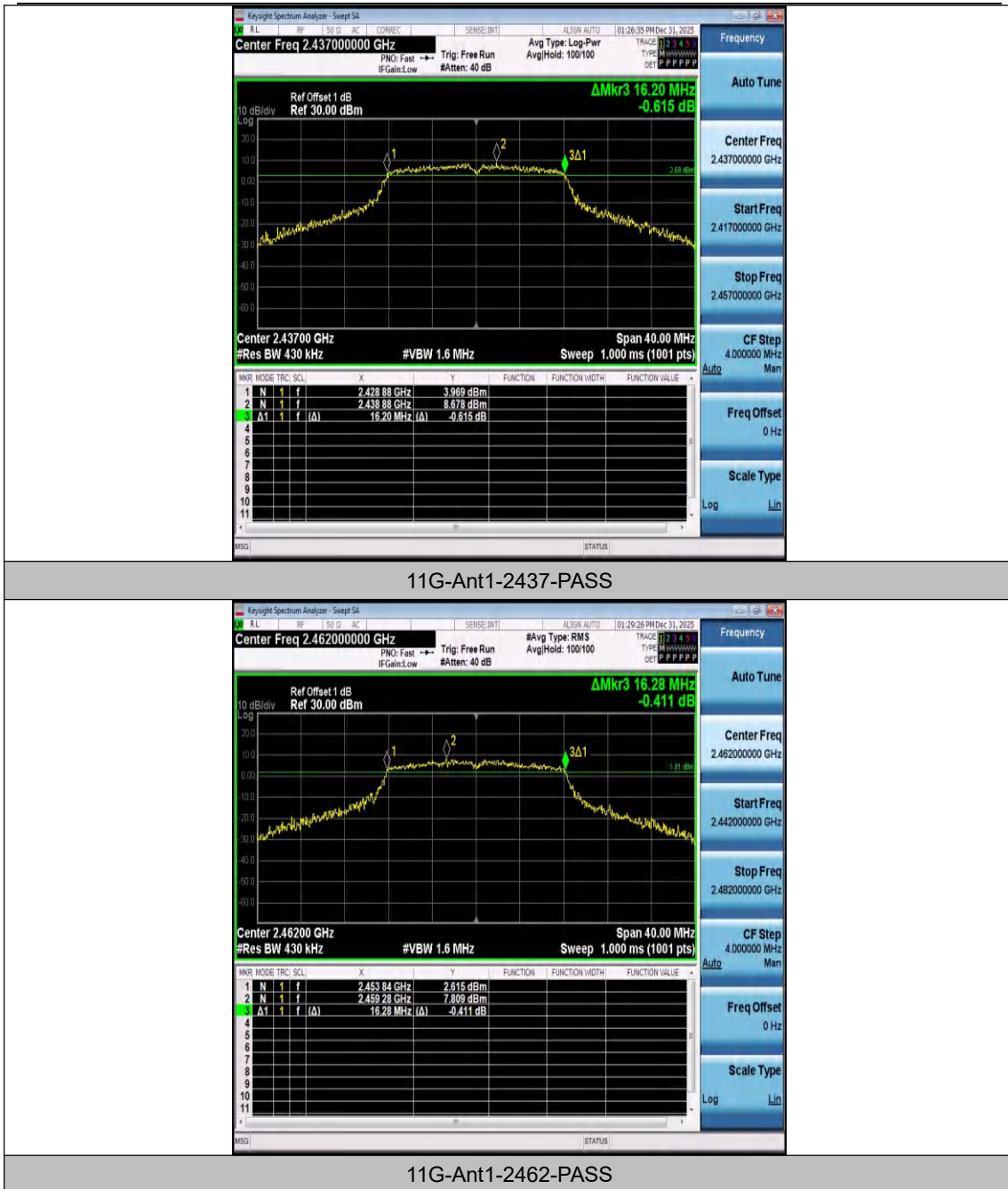




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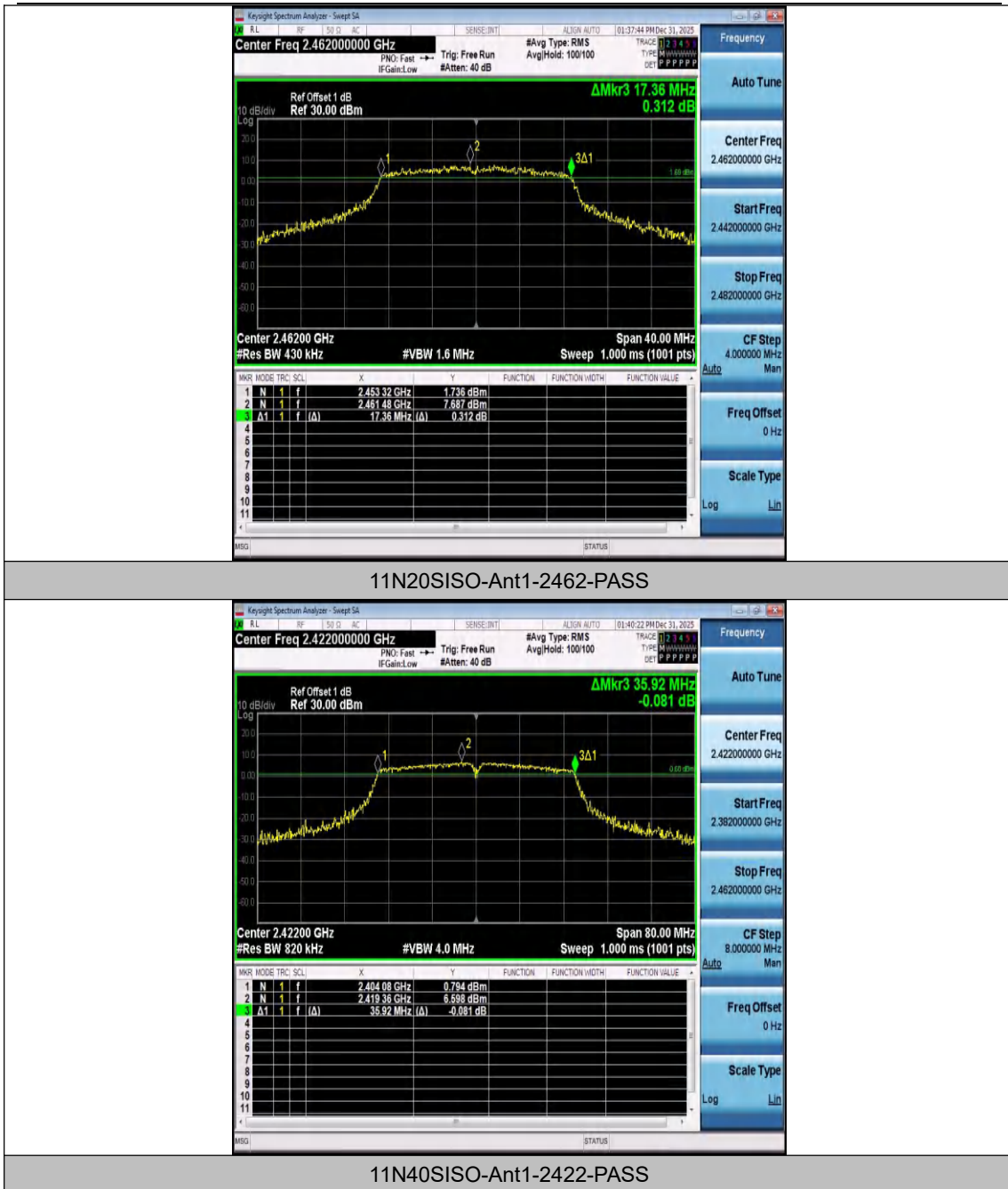
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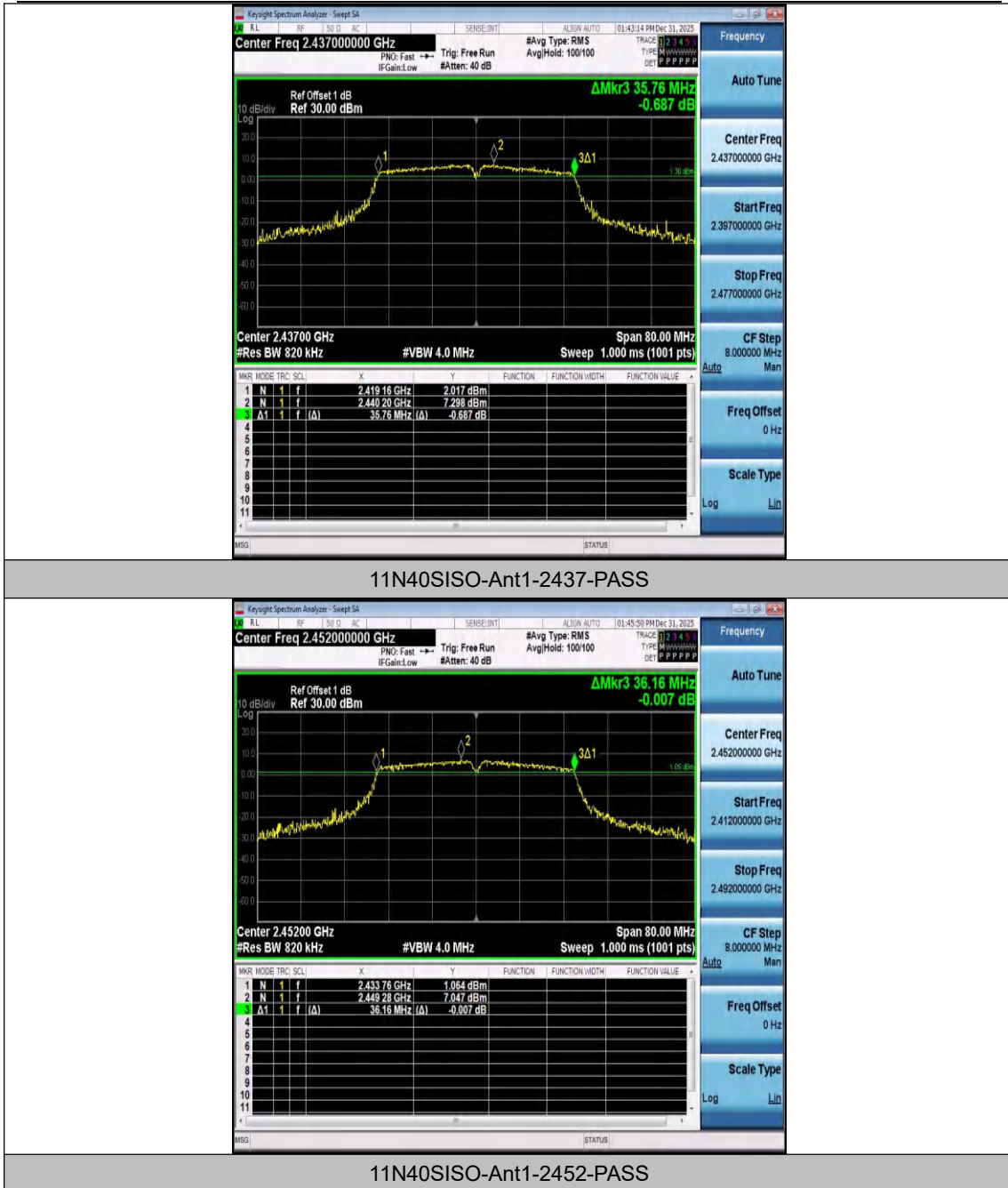
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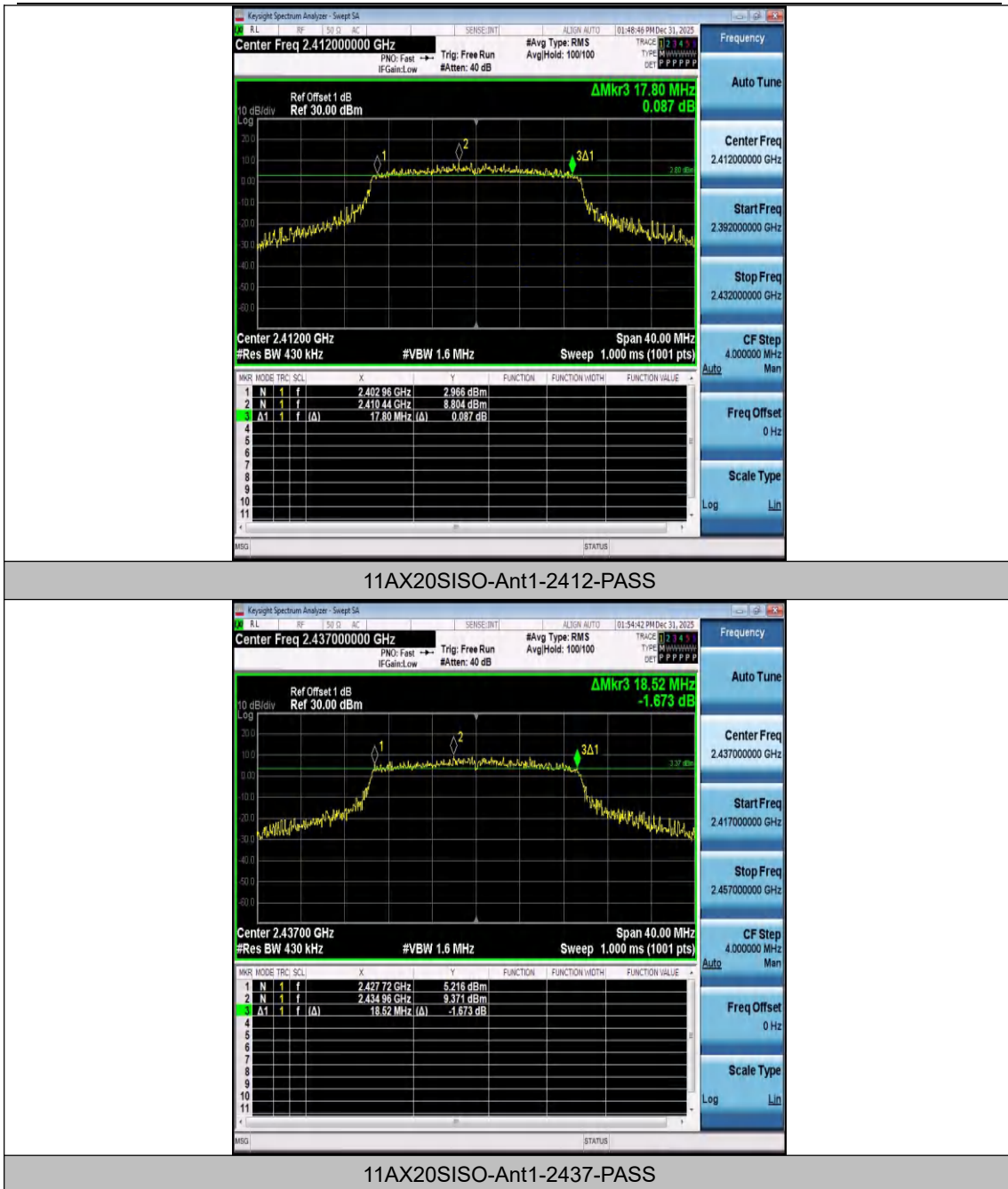
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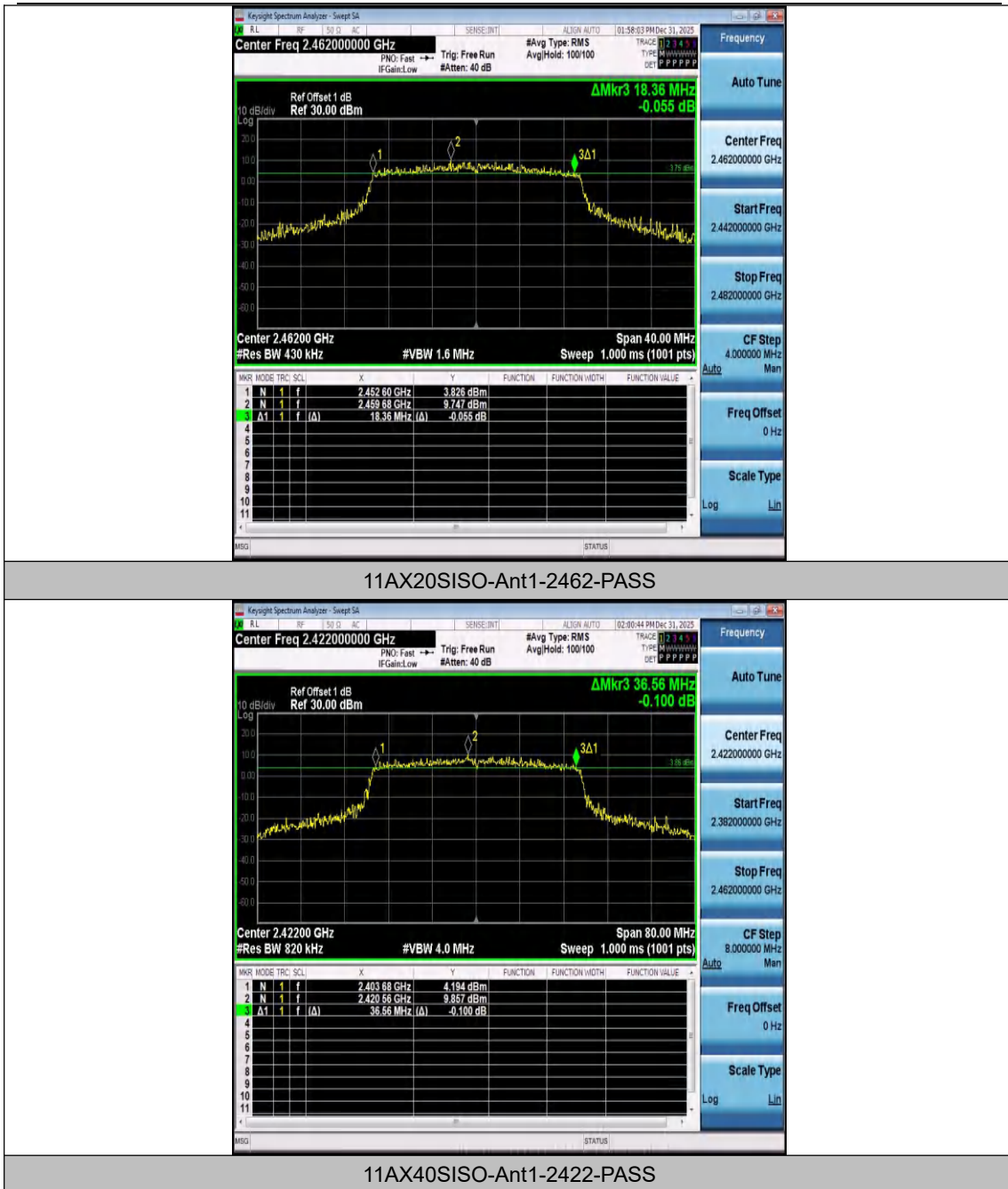
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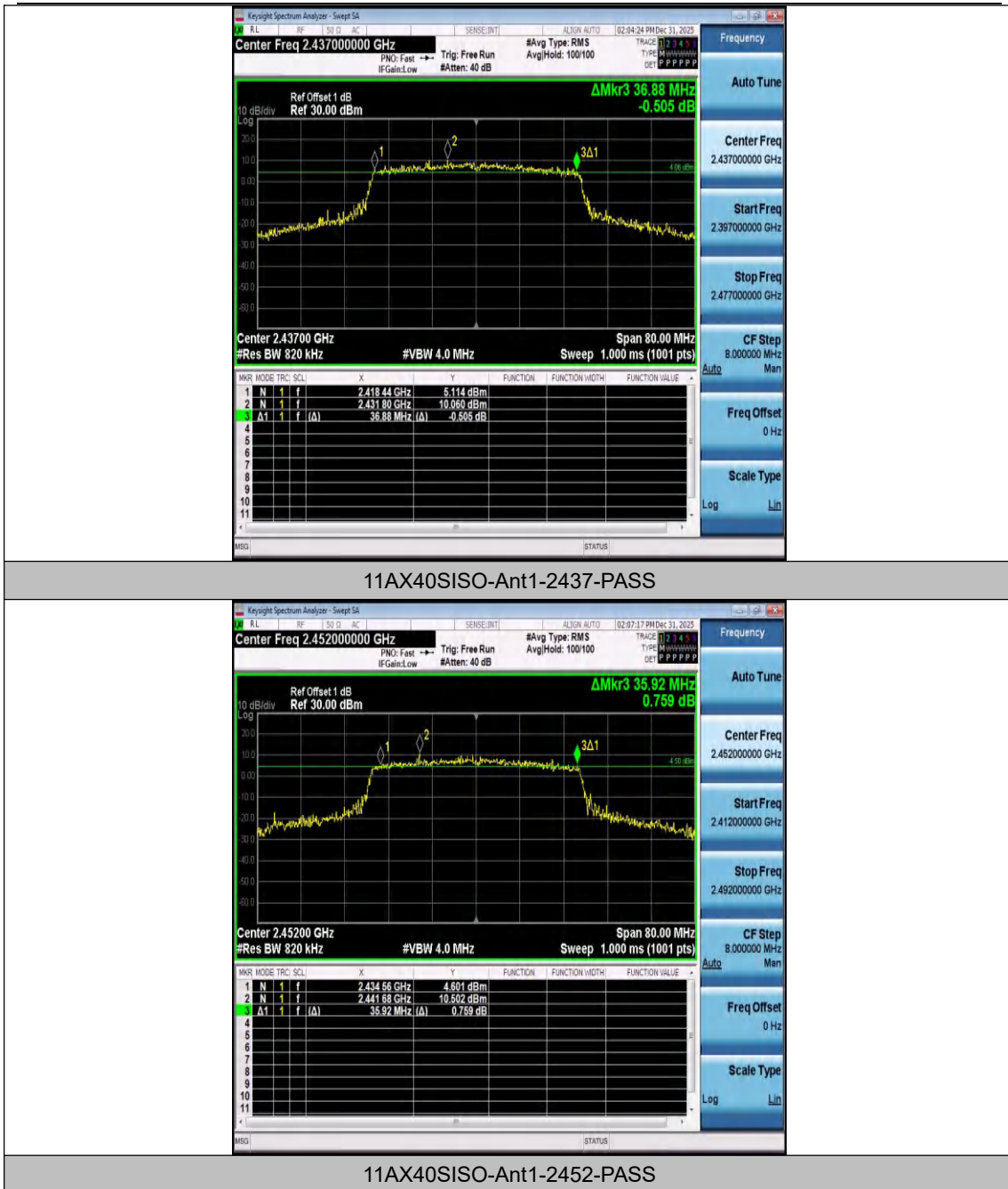
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.895	2404.6384	2419.5334	---	---
11B	Ant1	2437	14.957	2429.5732	2444.5302	---	---
11B	Ant1	2462	15.038	2454.4994	2469.5374	---	---
11G	Ant1	2412	17.379	2403.2420	2420.6210	---	---
11G	Ant1	2437	17.358	2428.2984	2445.6564	---	---
11G	Ant1	2462	17.477	2453.2074	2470.6844	---	---
11N20SISO	Ant1	2412	18.449	2402.7655	2421.2145	---	---
11N20SISO	Ant1	2437	18.544	2427.6879	2446.2319	---	---
11N20SISO	Ant1	2462	18.464	2452.7628	2471.2268	---	---
11N40SISO	Ant1	2422	36.607	2403.7272	2440.3342	---	---
11N40SISO	Ant1	2437	36.603	2418.7281	2455.3311	---	---
11N40SISO	Ant1	2452	36.681	2433.6823	2470.3633	---	---
11AX20SISO	Ant1	2412	19.152	2402.4230	2421.5750	---	---
11AX20SISO	Ant1	2437	19.158	2427.3825	2446.5405	---	---
11AX20SISO	Ant1	2462	19.147	2452.4222	2471.5692	---	---
11AX40SISO	Ant1	2422	38.038	2402.9594	2440.9974	---	---
11AX40SISO	Ant1	2437	38.235	2417.8537	2456.0887	---	---
11AX40SISO	Ant1	2452	38.091	2432.9657	2471.0567	---	---

Test Graphs



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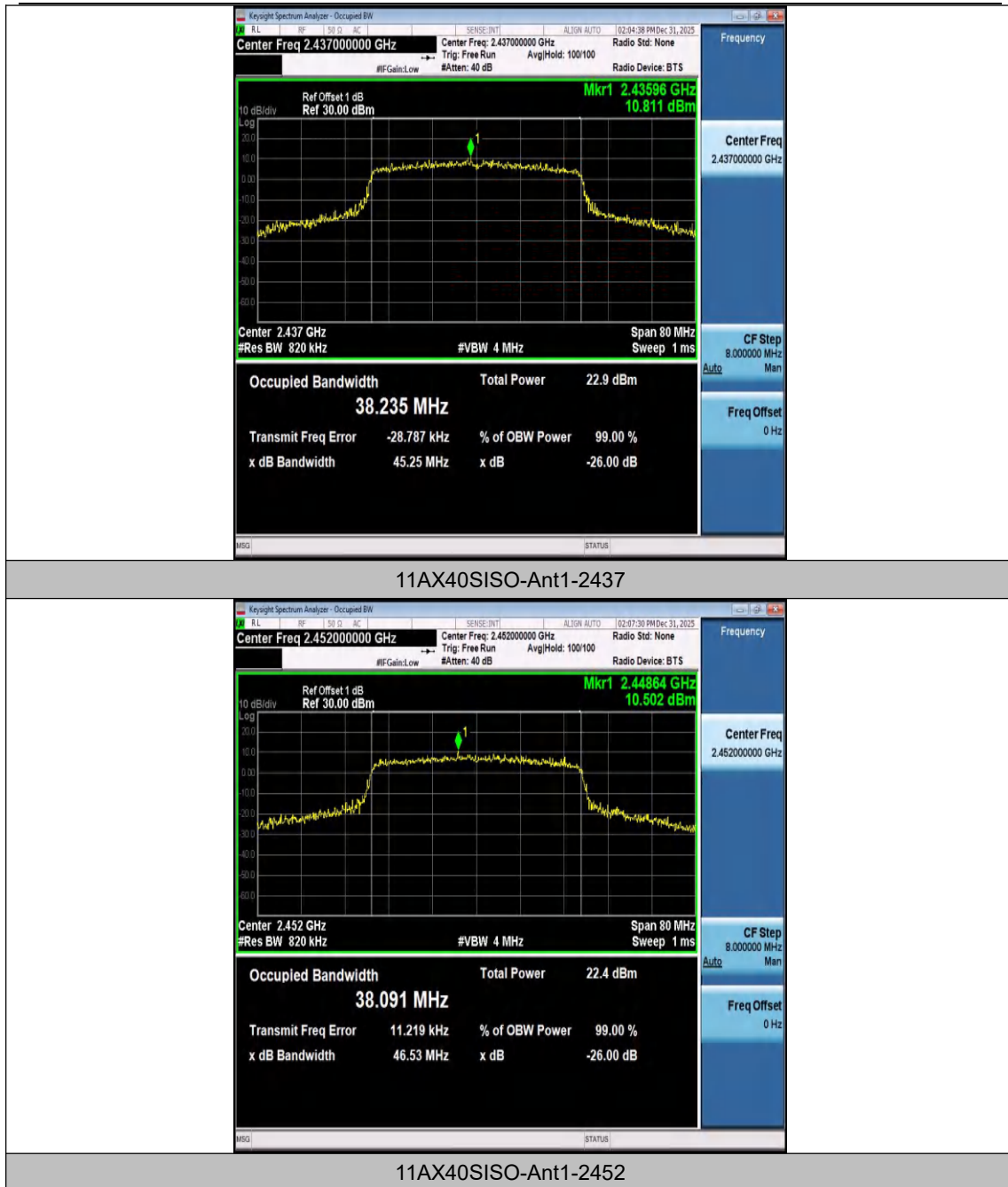
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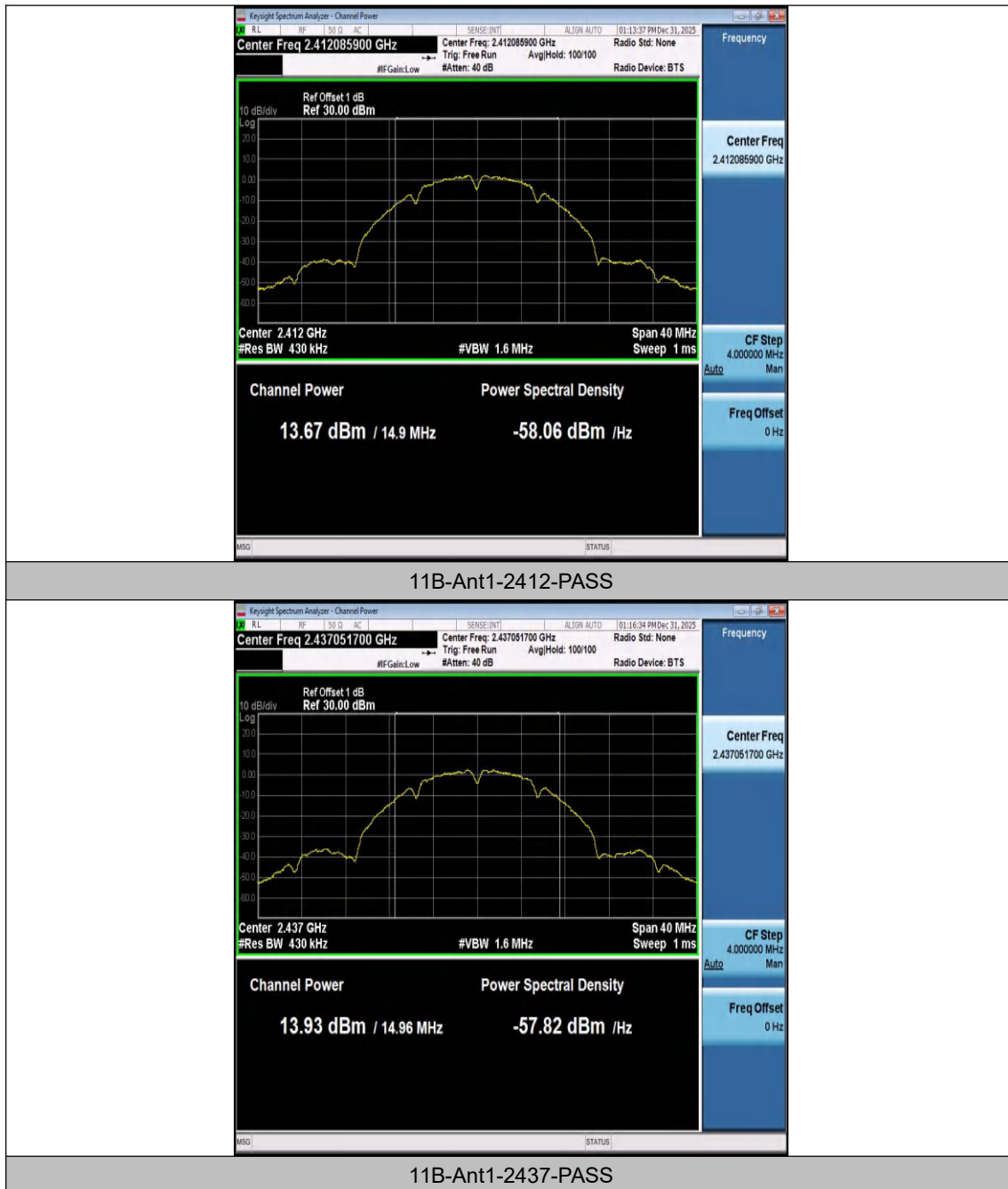
Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	13.67	≤30.00	PASS
11B	Ant1	2437	13.93	≤30.00	PASS
11B	Ant1	2462	14.19	≤30.00	PASS
11G	Ant1	2412	13.98	≤30.00	PASS
11G	Ant1	2437	14.24	≤30.00	PASS
11G	Ant1	2462	14.49	≤30.00	PASS
11N20SISO	Ant1	2412	13.73	≤30.00	PASS
11N20SISO	Ant1	2437	14.20	≤30.00	PASS
11N20SISO	Ant1	2462	14.23	≤30.00	PASS
11N40SISO	Ant1	2422	13.22	≤30.00	PASS
11N40SISO	Ant1	2437	13.46	≤30.00	PASS
11N40SISO	Ant1	2452	13.38	≤30.00	PASS
11AX20SISO	Ant1	2412	13.38	≤30.00	PASS
11AX20SISO	Ant1	2437	13.87	≤30.00	PASS
11AX20SISO	Ant1	2462	14.18	≤30.00	PASS
11AX40SISO	Ant1	2422	13.79	≤30.00	PASS
11AX40SISO	Ant1	2437	14.23	≤30.00	PASS
11AX40SISO	Ant1	2452	14.23	≤30.00	PASS

Note: The cable loss are compensated in the graph.

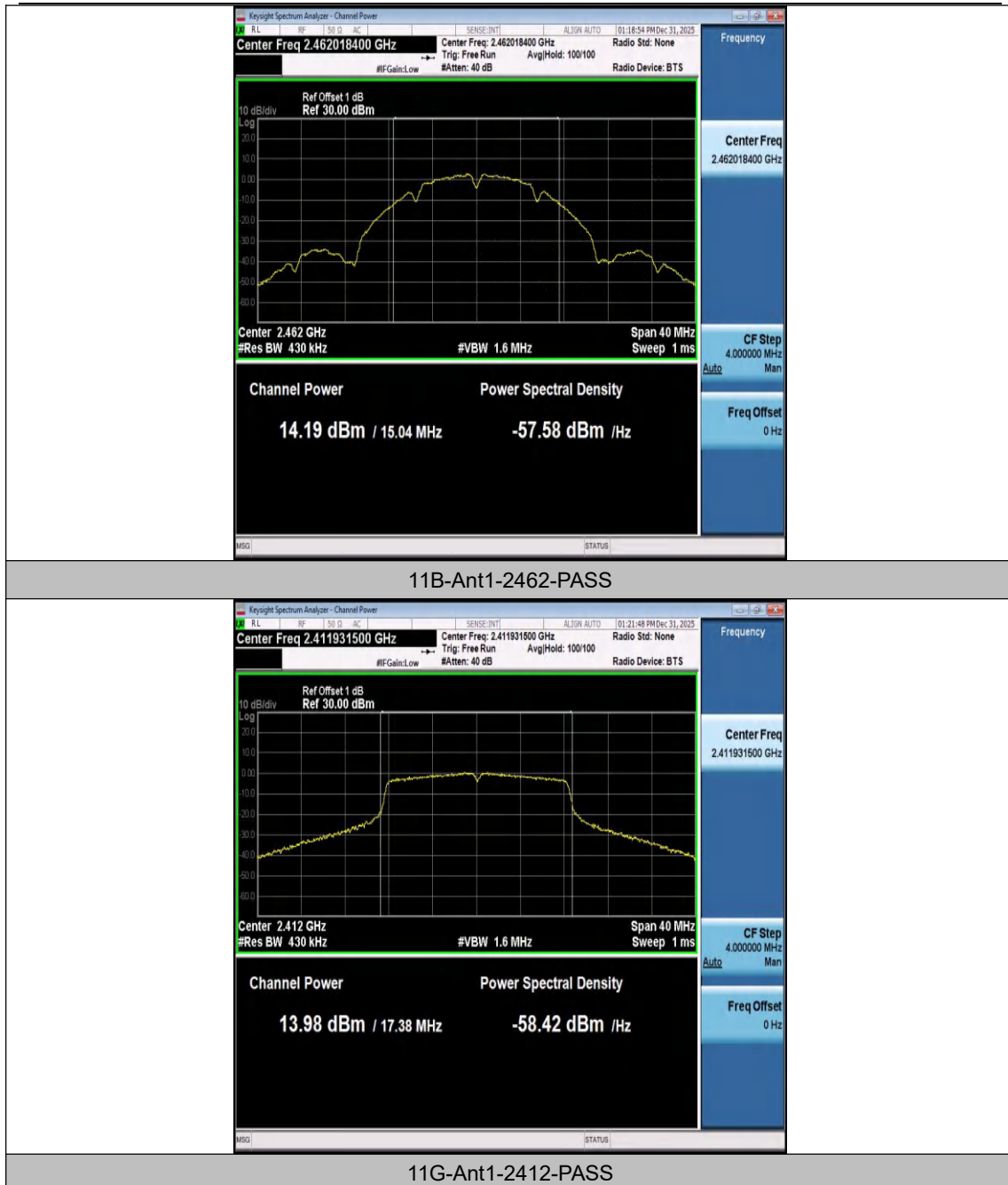
Test Graphs Average



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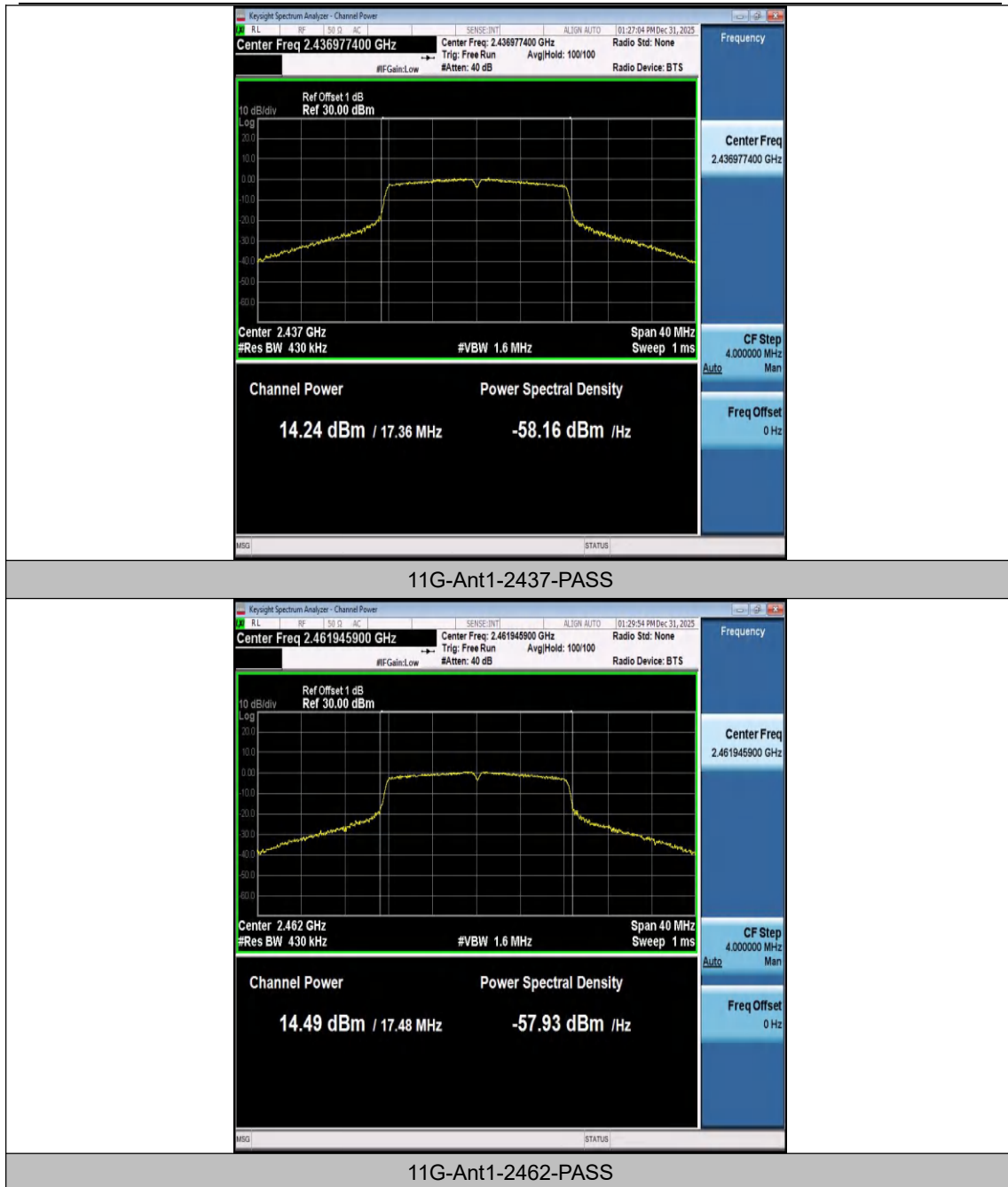
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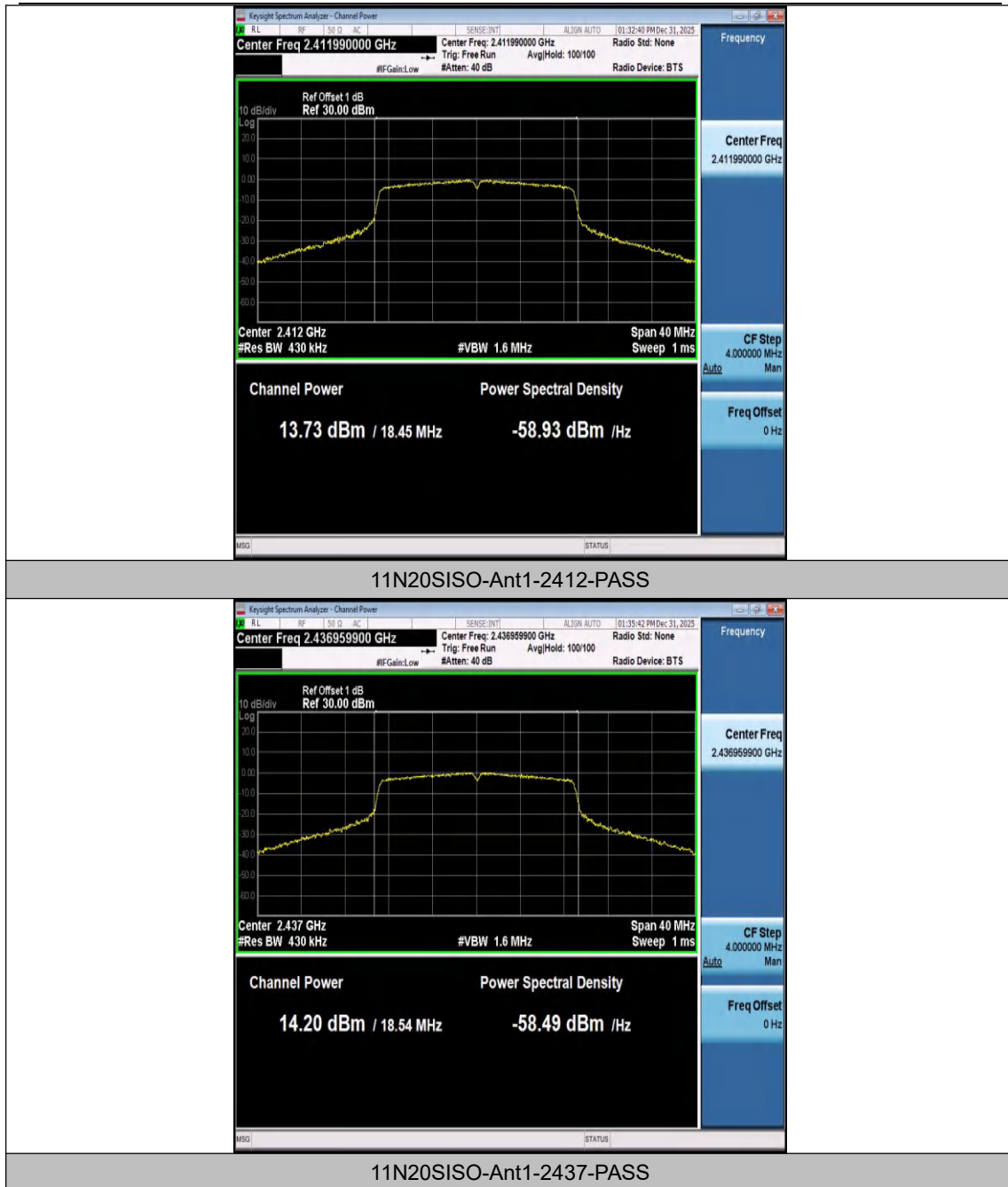
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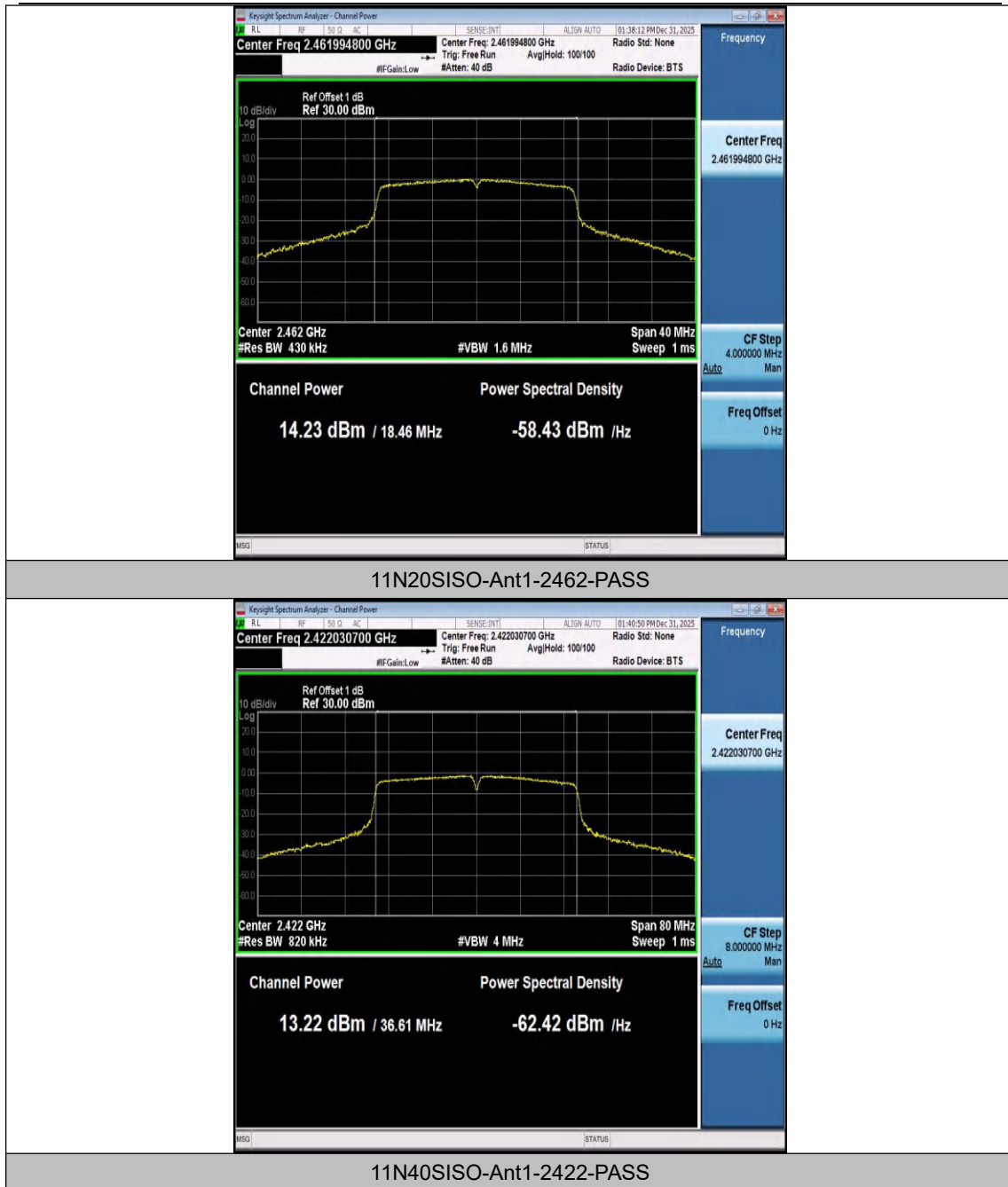
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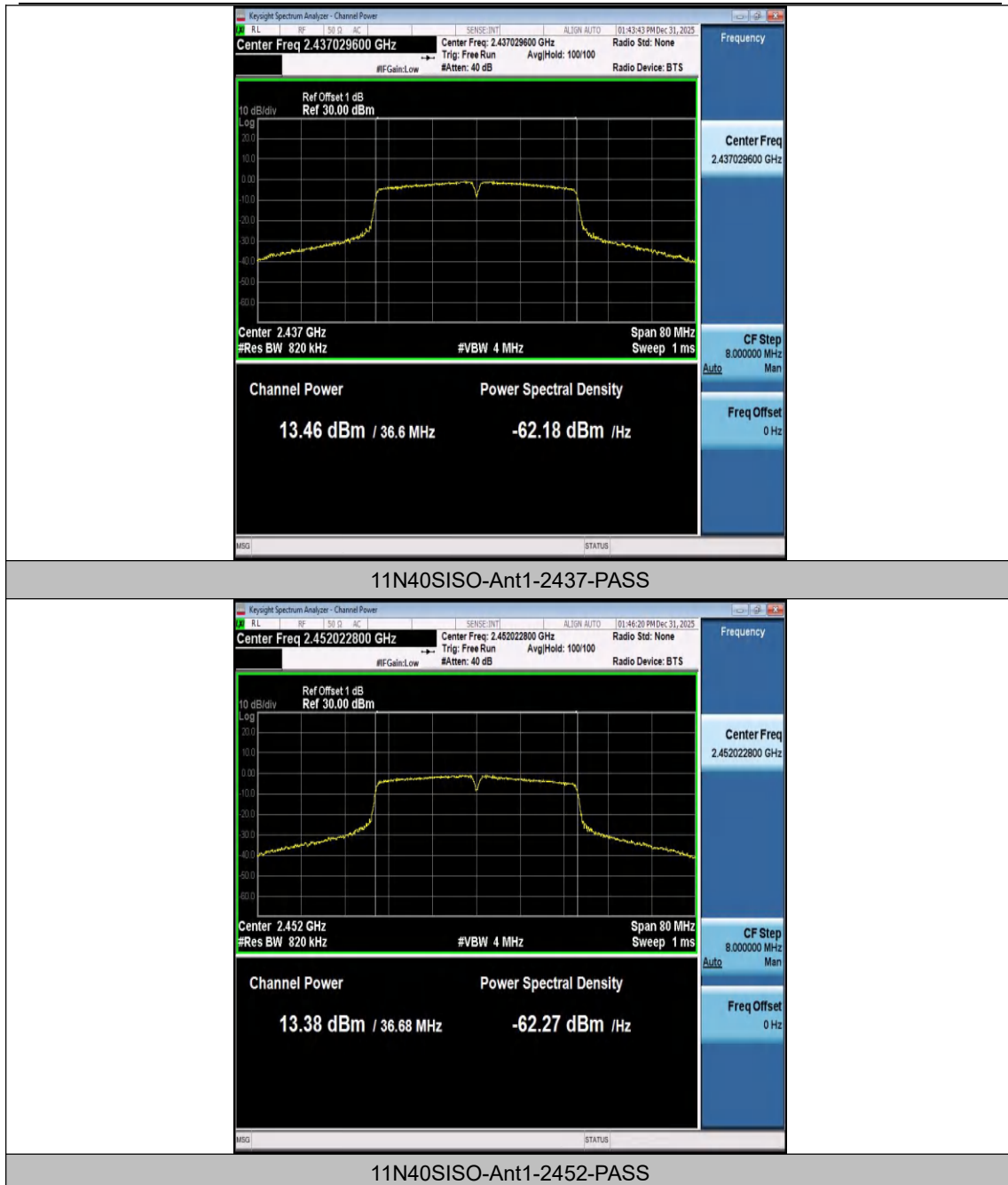
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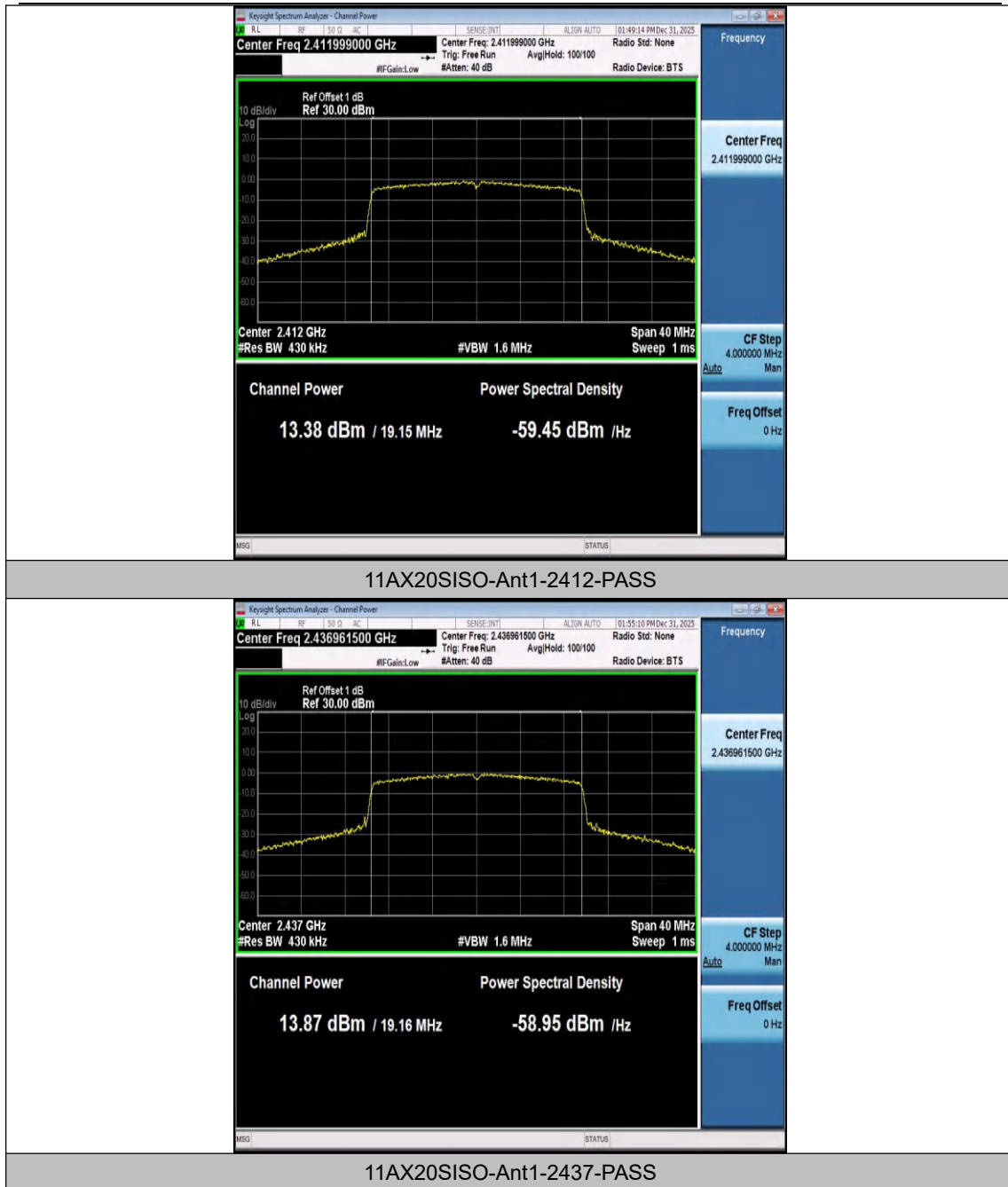
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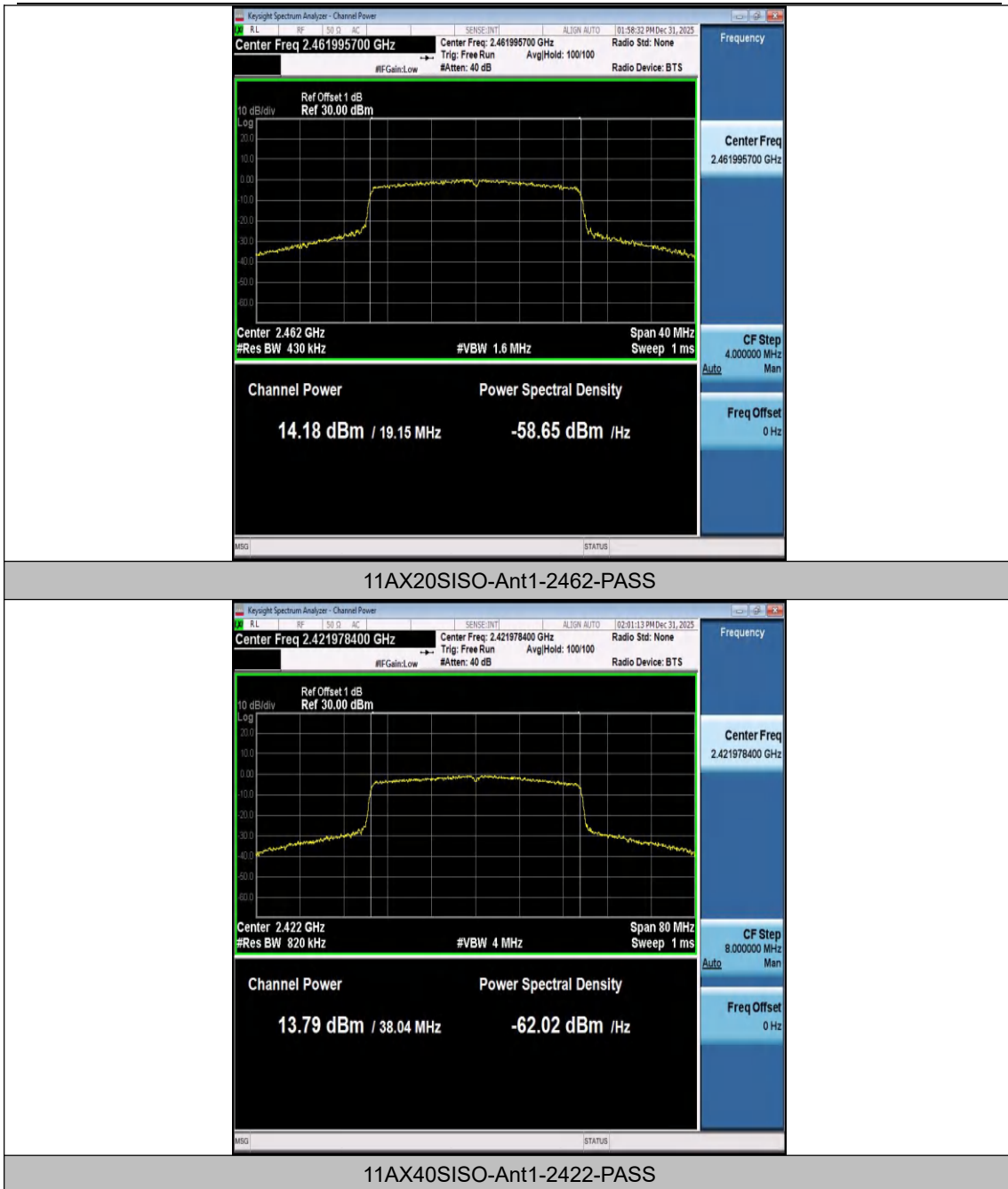
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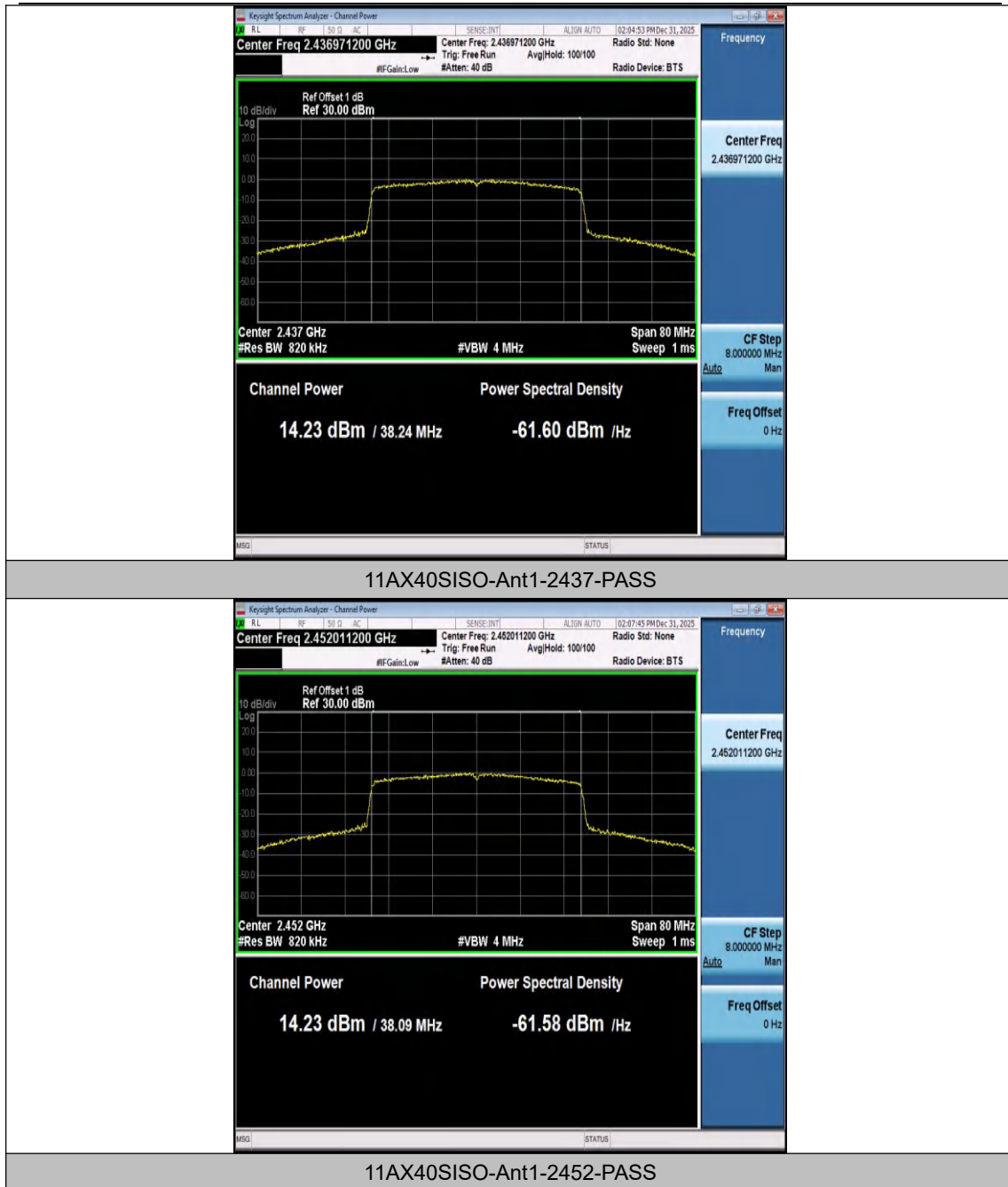
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Appendix D: Maximum power spectral density

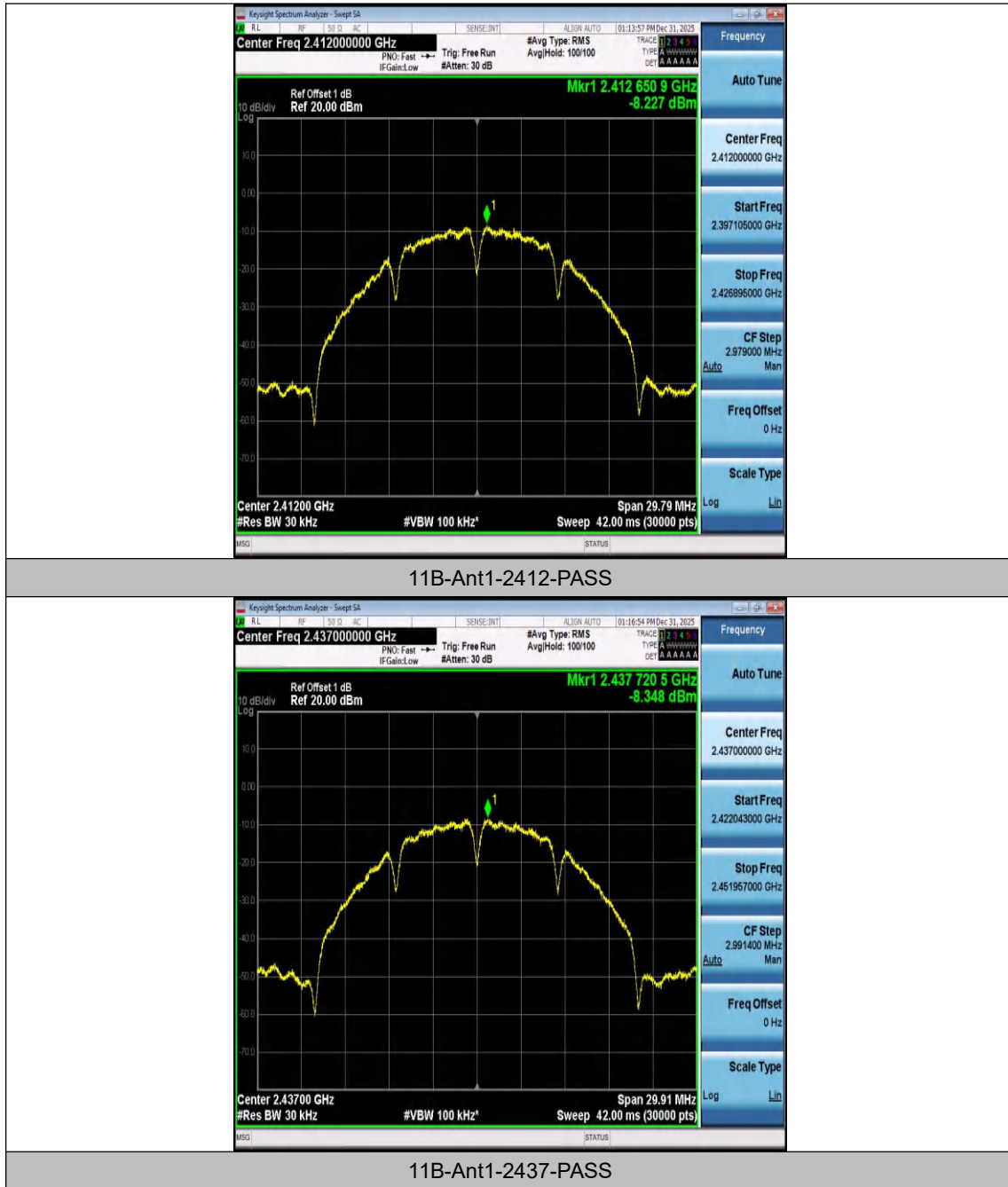
Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/30kHz]	Limit[dBm/3kHz]	Verdict
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11B	Ant1	2437	-8.35	≤8.00	PASS
11B	Ant1	2462	-8.01	≤8.00	PASS
11G	Ant1	2412	-9.62	≤8.00	PASS
11G	Ant1	2437	-8.70	≤8.00	PASS
11G	Ant1	2462	-9.09	≤8.00	PASS
11N20SISO	Ant1	2412	-9.92	≤8.00	PASS
11N20SISO	Ant1	2437	-9.52	≤8.00	PASS
11N20SISO	Ant1	2462	-9.61	≤8.00	PASS
11N40SISO	Ant1	2422	-13.35	≤8.00	PASS
11N40SISO	Ant1	2437	-12.89	≤8.00	PASS
11N40SISO	Ant1	2452	-13.20	≤8.00	PASS
11AX20SISO	Ant1	2412	-11.64	≤8.00	PASS
11AX20SISO	Ant1	2437	-10.19	≤8.00	PASS
11AX20SISO	Ant1	2462	-10.64	≤8.00	PASS
11AX40SISO	Ant1	2422	-13.68	≤8.00	PASS
11AX40SISO	Ant1	2437	-13.37	≤8.00	PASS
11AX40SISO	Ant1	2452	-13.32	≤8.00	PASS

Note:

1. The cable loss are compensated in the graph.

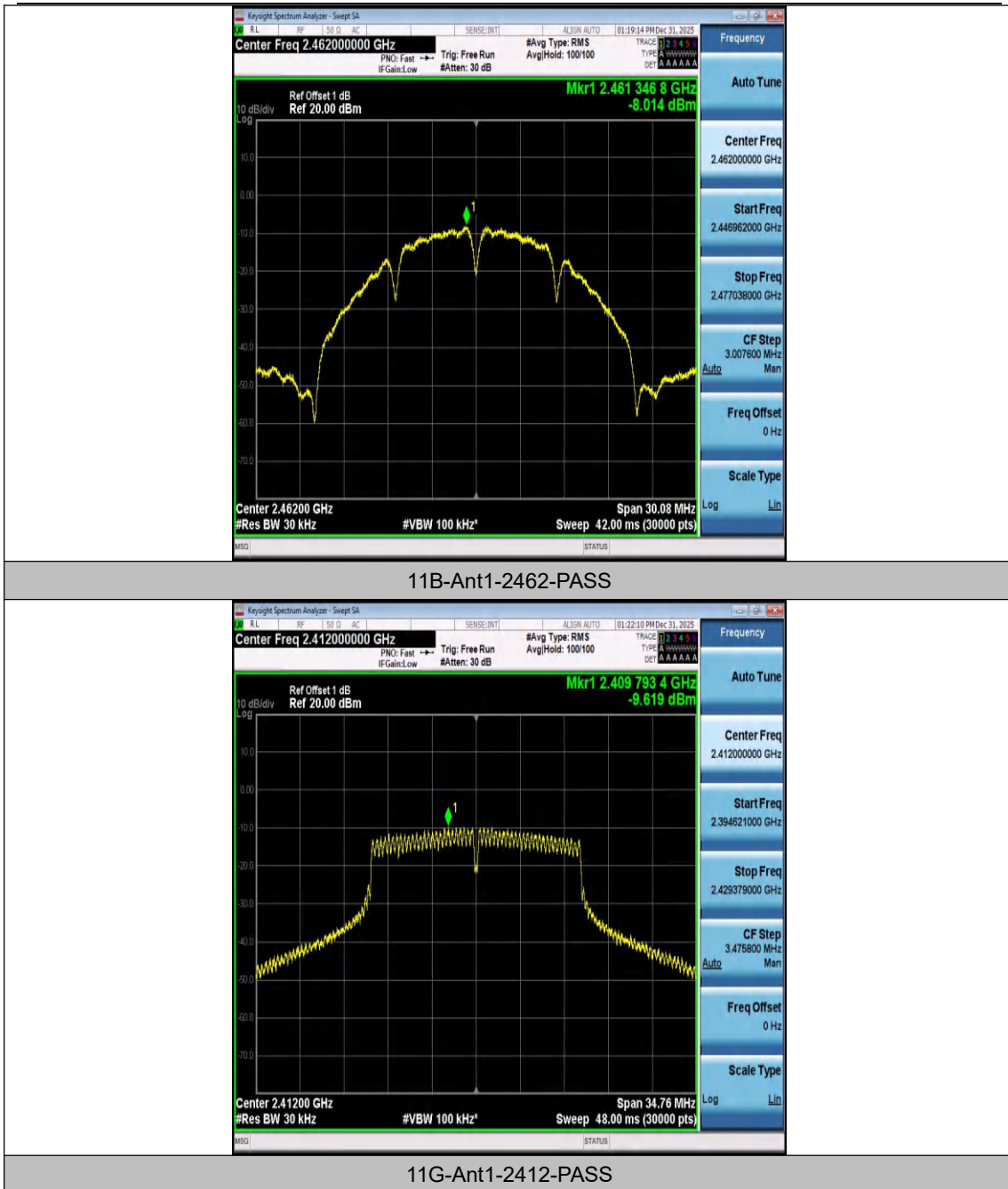
Test Graphs



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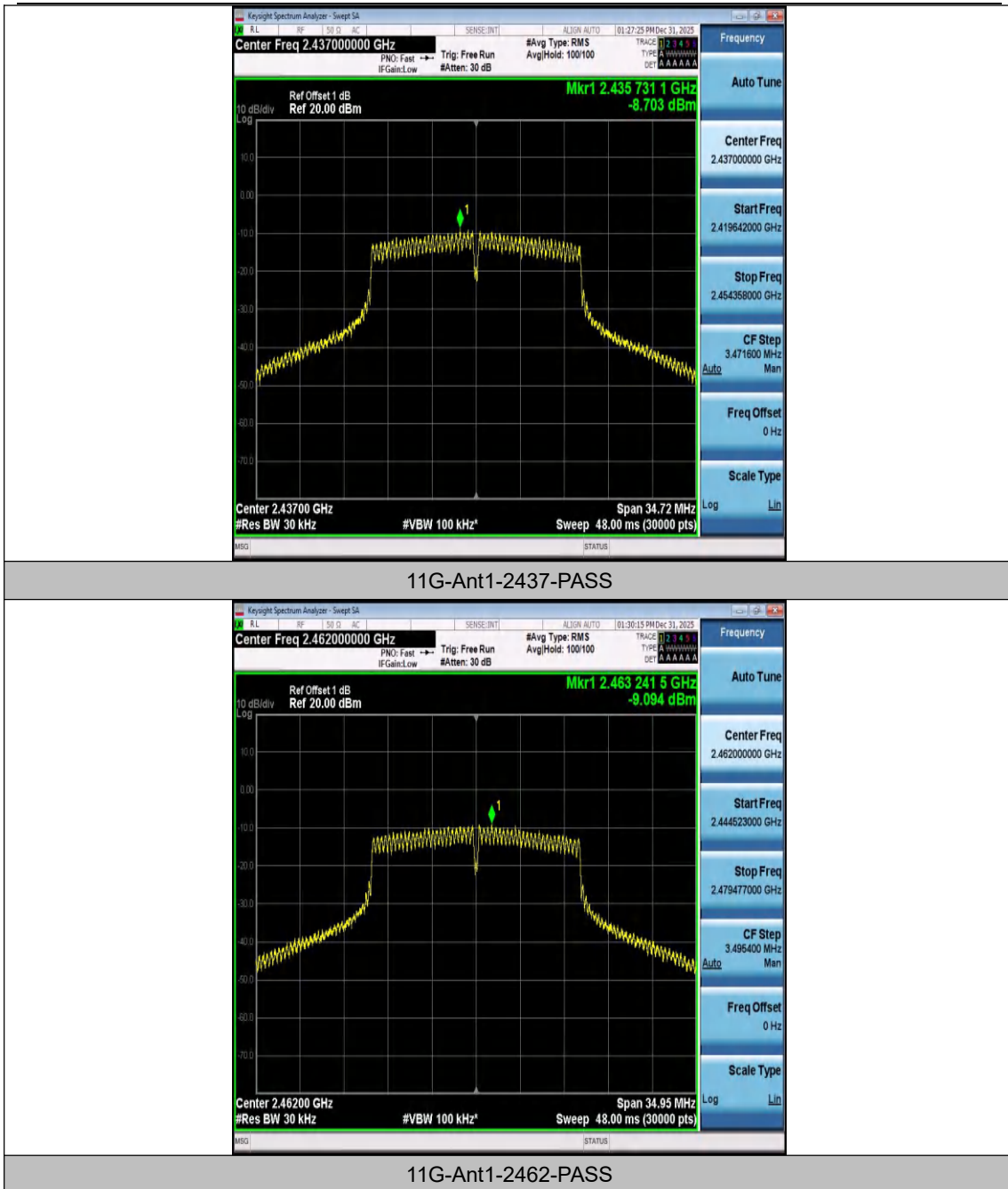
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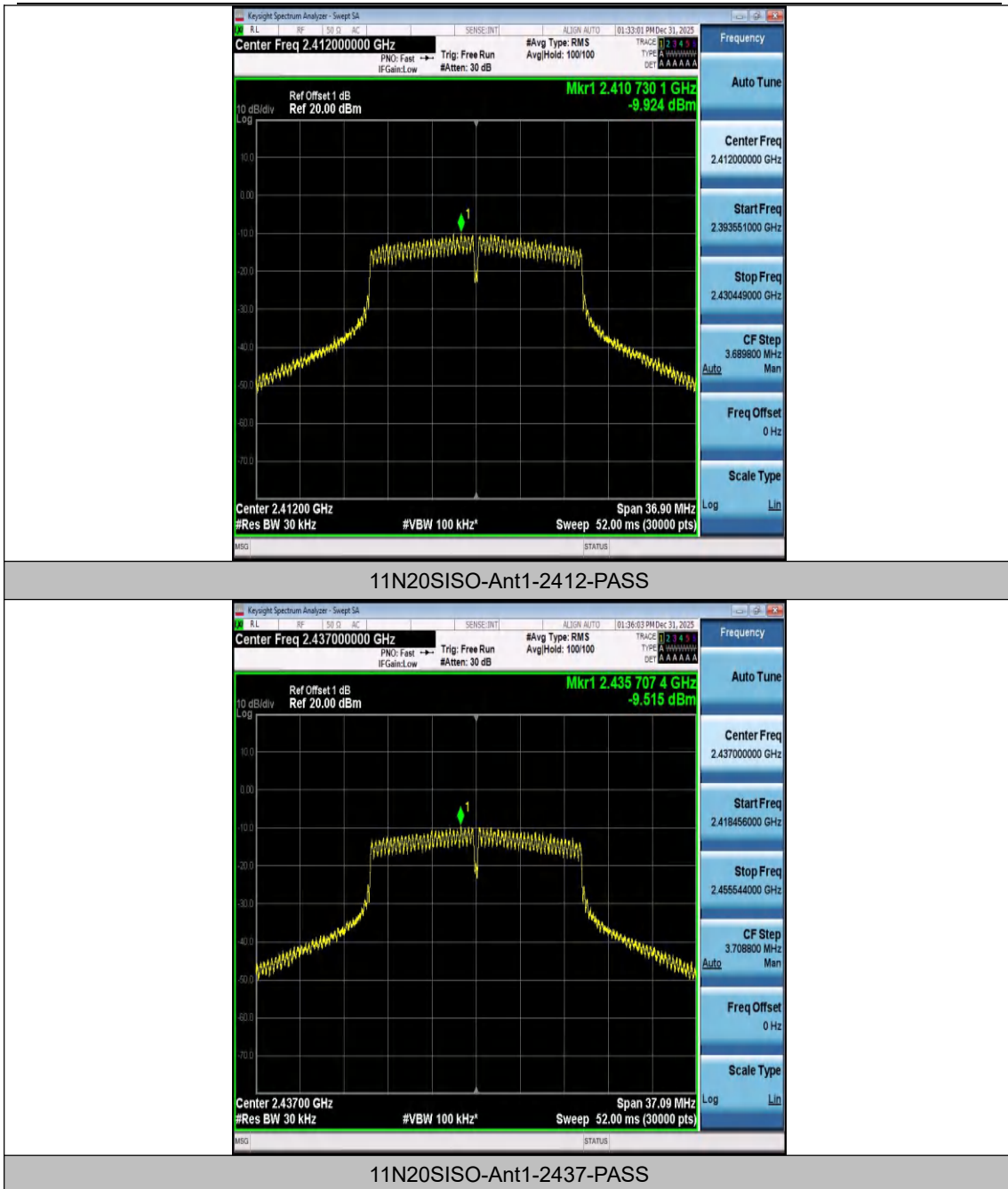
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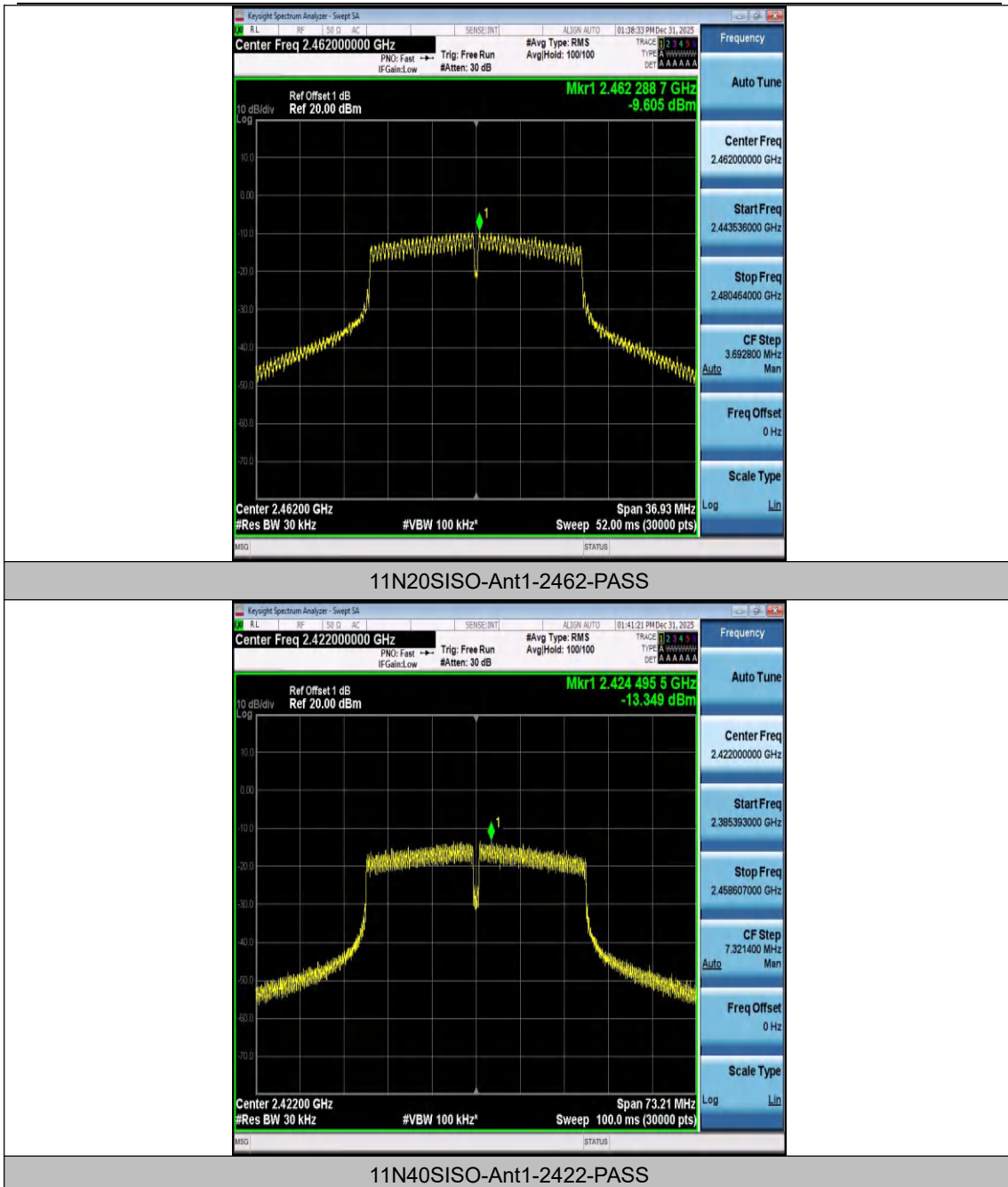
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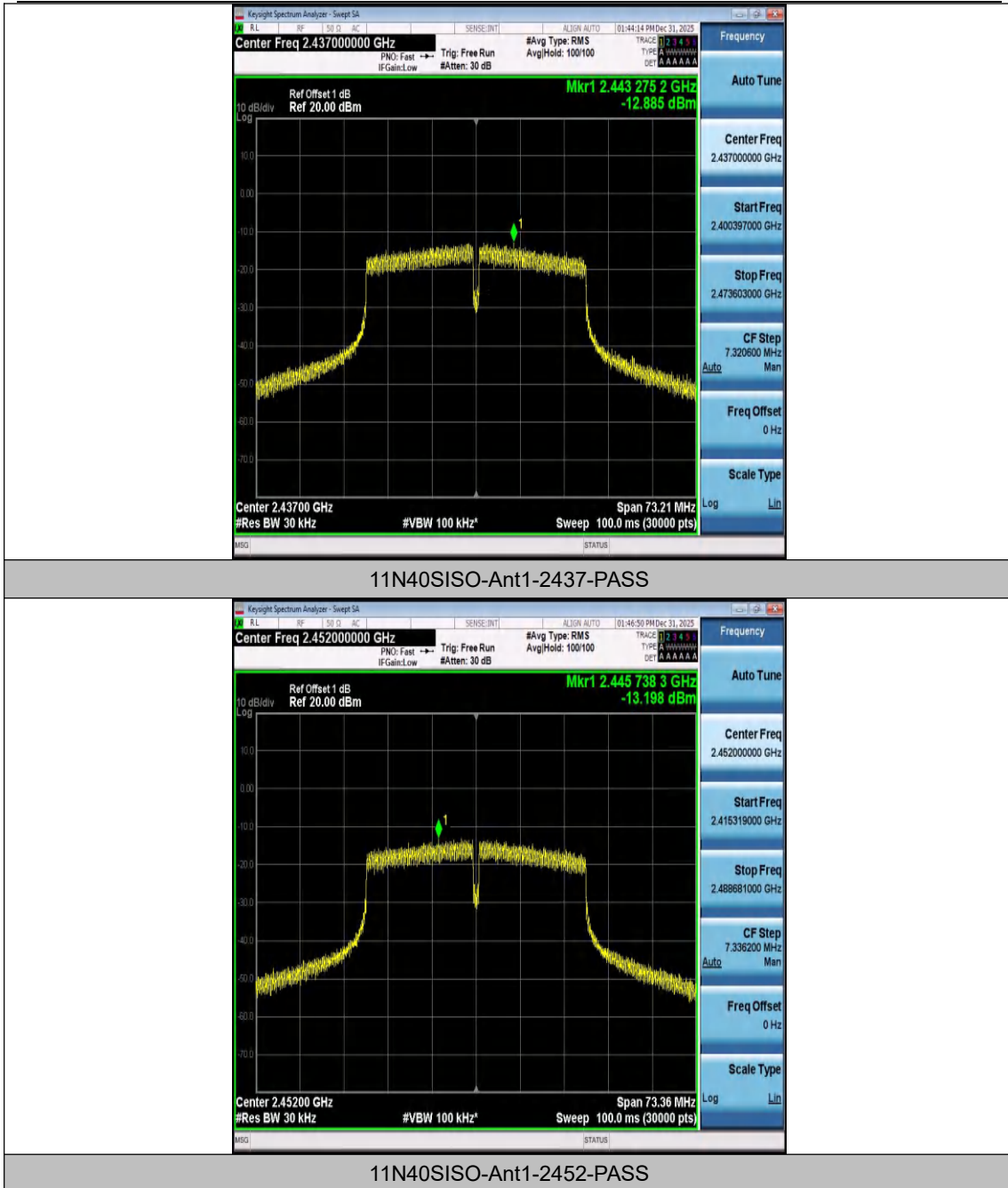
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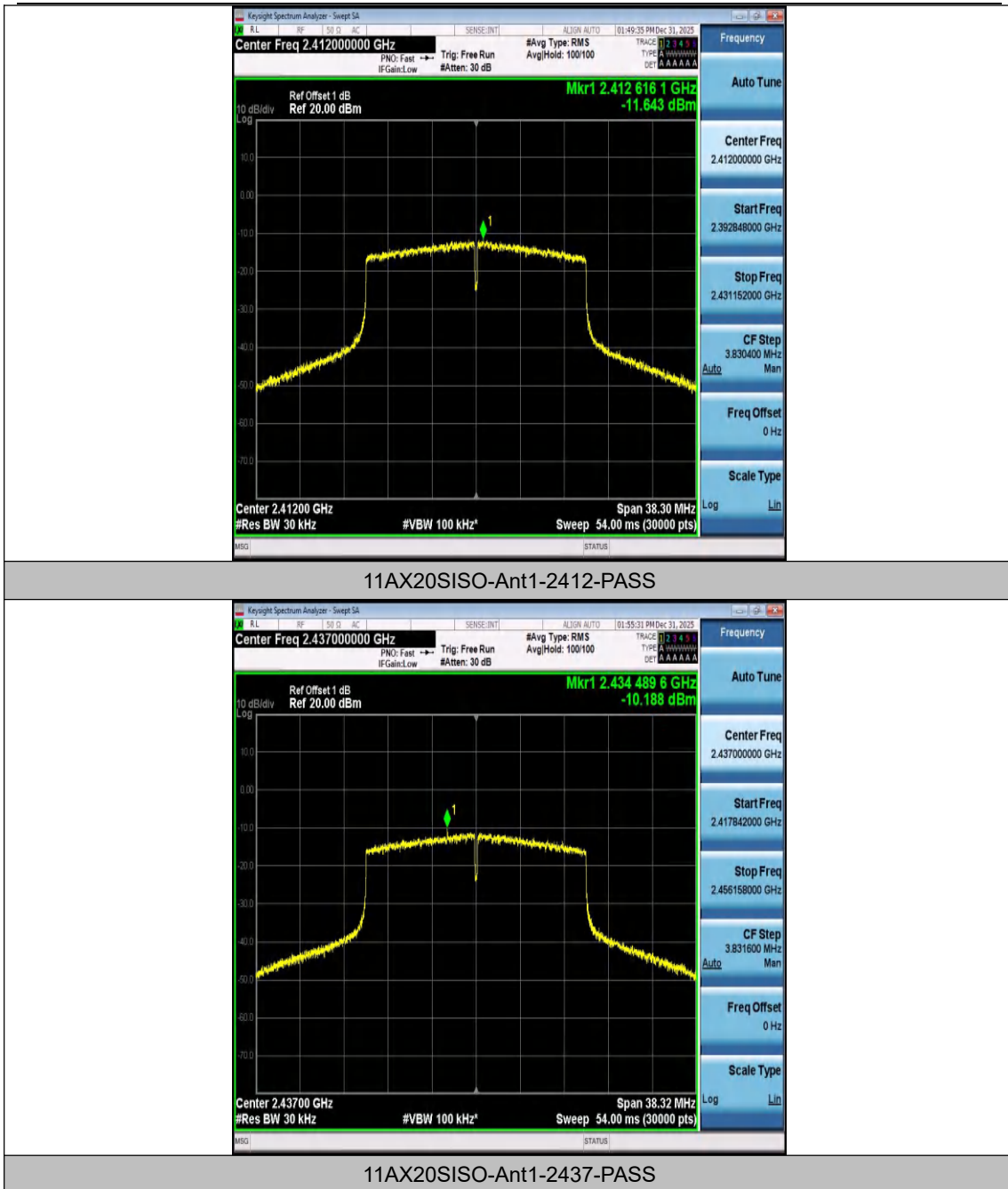
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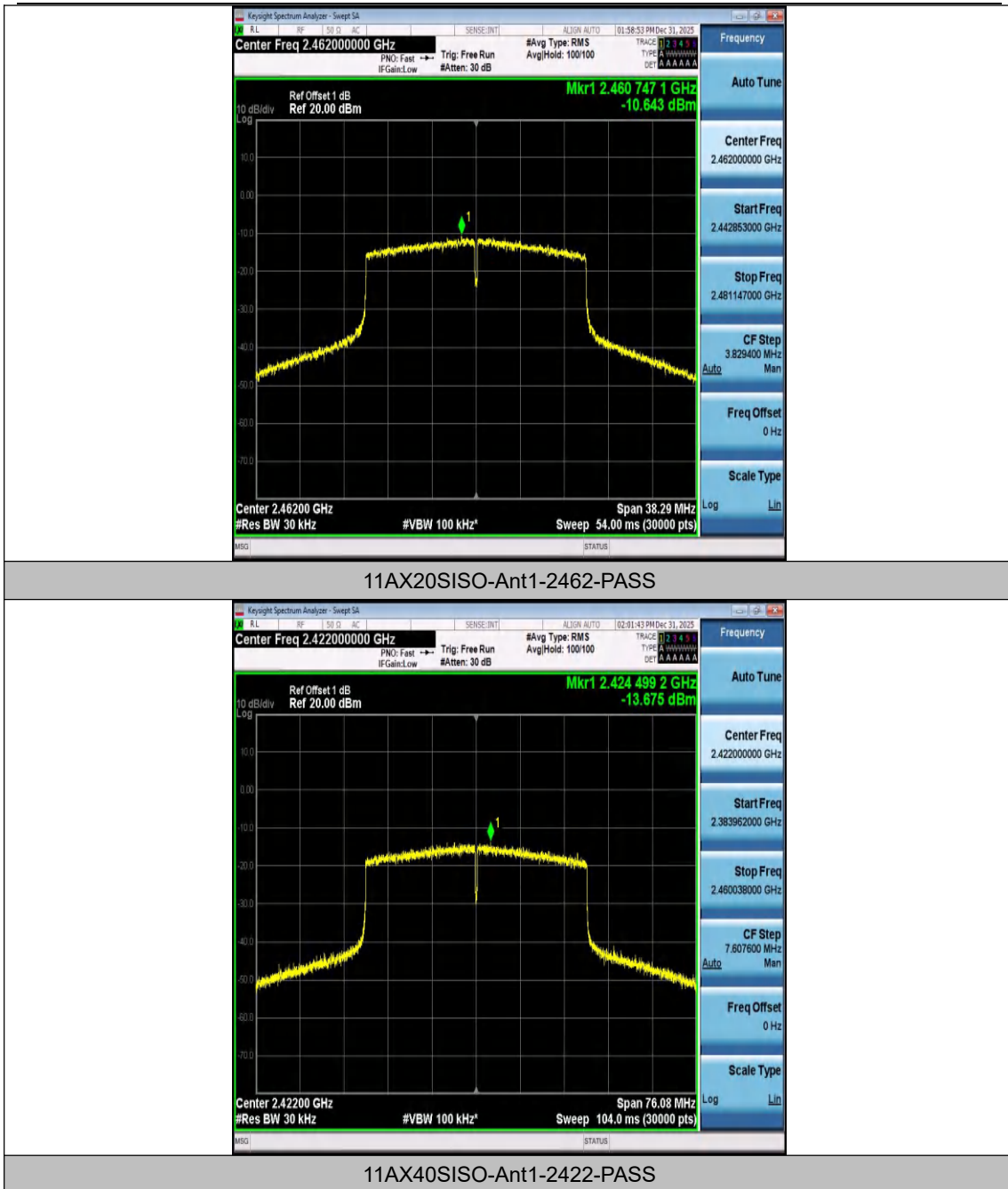
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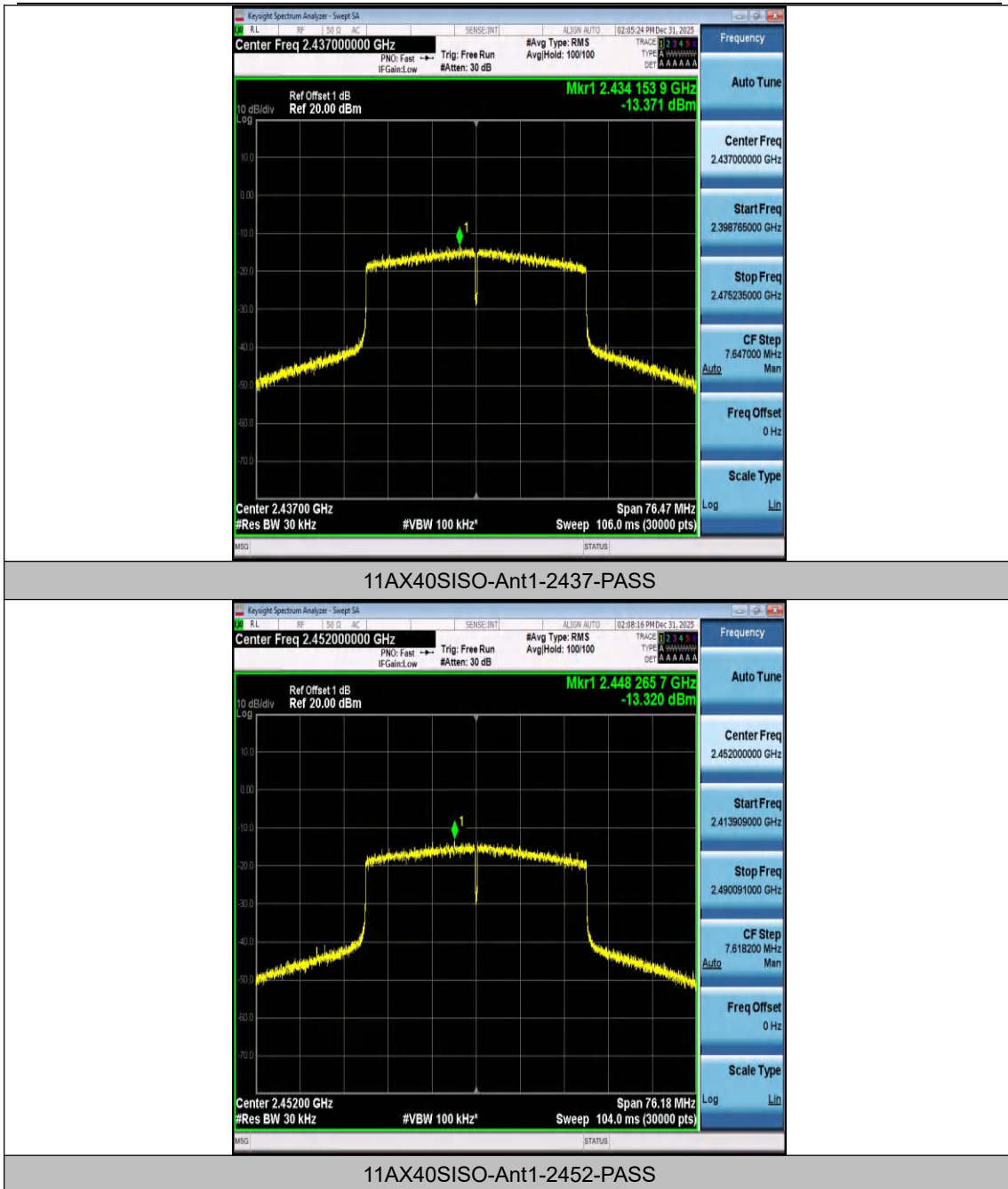
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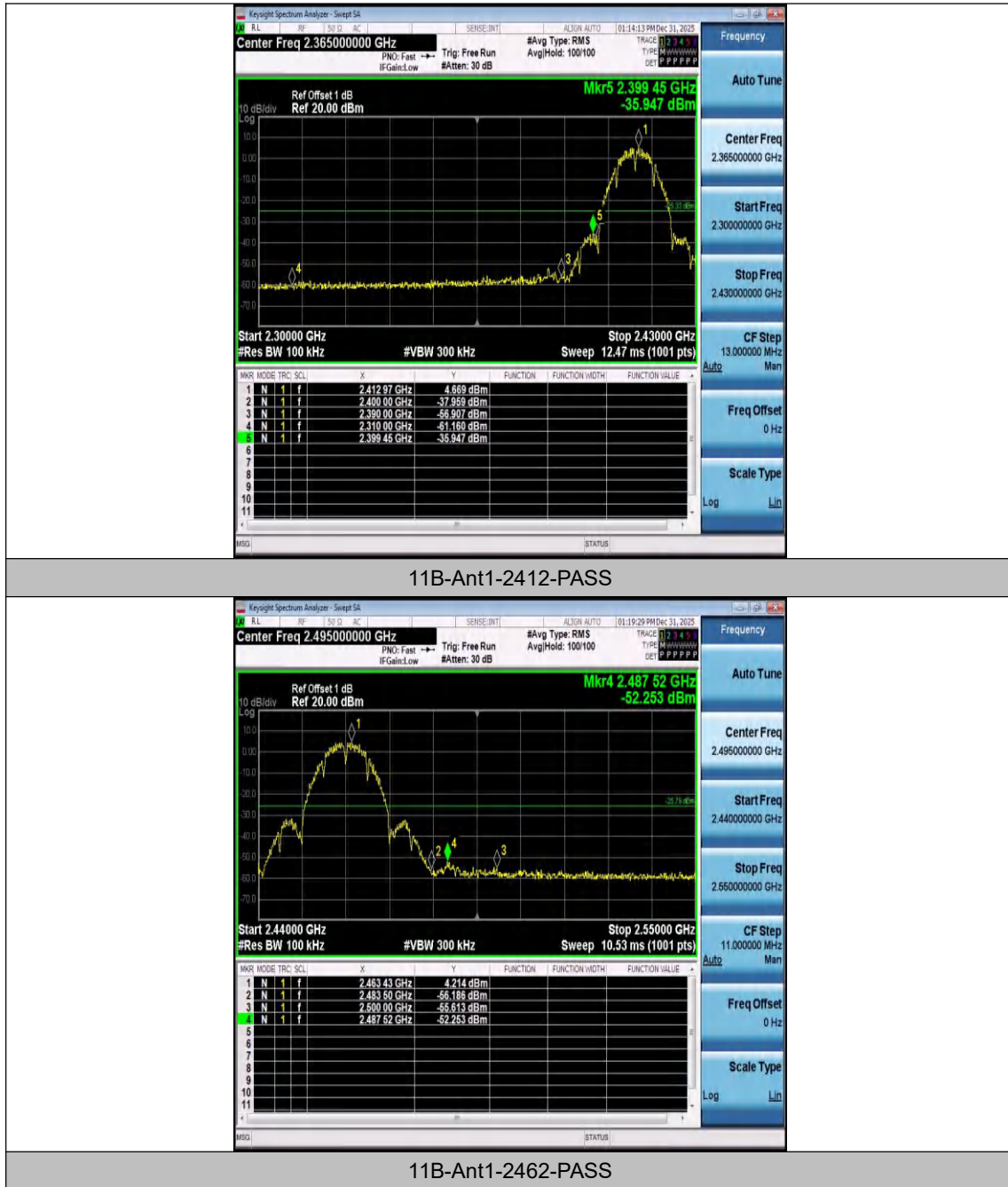
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Appendix E: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.67	-35.95	≤-25.33	PASS
11B	Ant1	High	2462	4.21	-52.25	≤-25.79	PASS
11G	Ant1	Low	2412	2.15	-28.17	≤-27.86	PASS
11G	Ant1	High	2462	3.60	-39.93	≤-26.4	PASS
11N20SISO	Ant1	Low	2412	2.38	-27.8	≤-27.62	PASS
11N20SISO	Ant1	High	2462	4.65	-37.96	≤-25.35	PASS
11N40SISO	Ant1	Low	2422	-1.58	-32.83	≤-31.58	PASS
11N40SISO	Ant1	High	2452	0.58	-33.22	≤-29.42	PASS
11AX20SISO	Ant1	Low	2412	2.49	-27.92	≤-27.51	PASS
11AX20SISO	Ant1	High	2462	3.01	-35.08	≤-26.99	PASS
11AX40SISO	Ant1	Low	2422	-1.19	-32.37	≤-31.19	PASS
11AX40SISO	Ant1	High	2452	1.24	-29.92	≤-28.76	PASS

Test Graphs



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Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

