

Appendix Test Data

Report No.:	1812C60014712502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-1-6	Finish Test Date:	2026-1-12
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	21.3°C	Relative Humidity:	35%
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	8.720	2407.400	2416.120	0.5	PASS
11B	Ant1	2437	8.160	2432.960	2441.120	0.5	PASS
11B	Ant1	2462	8.640	2458.000	2466.640	0.5	PASS
11G	Ant1	2412	15.720	2404.080	2419.800	0.5	PASS
11G	Ant1	2437	16.040	2429.120	2445.160	0.5	PASS
11G	Ant1	2462	16.120	2454.000	2470.120	0.5	PASS
11N20SISO	Ant1	2412	16.760	2403.600	2420.360	0.5	PASS
11N20SISO	Ant1	2437	17.080	2428.600	2445.680	0.5	PASS
11N20SISO	Ant1	2462	17.480	2453.240	2470.720	0.5	PASS
11N40SISO	Ant1	2422	35.680	2404.000	2439.680	0.5	PASS
11N40SISO	Ant1	2437	34.000	2420.920	2454.920	0.5	PASS
11N40SISO	Ant1	2452	36.000	2434.160	2470.160	0.5	PASS
11AX20SISO	Ant1	2412	17.120	2403.360	2420.480	0.5	PASS
11AX20SISO	Ant1	2437	17.240	2428.320	2445.560	0.5	PASS
11AX20SISO	Ant1	2462	17.120	2453.560	2470.680	0.5	PASS
11AX40SISO	Ant1	2422	36.160	2403.760	2439.920	0.5	PASS
11AX40SISO	Ant1	2437	33.600	2421.480	2455.080	0.5	PASS
11AX40SISO	Ant1	2452	35.840	2434.160	2470.000	0.5	PASS

Test Graphs

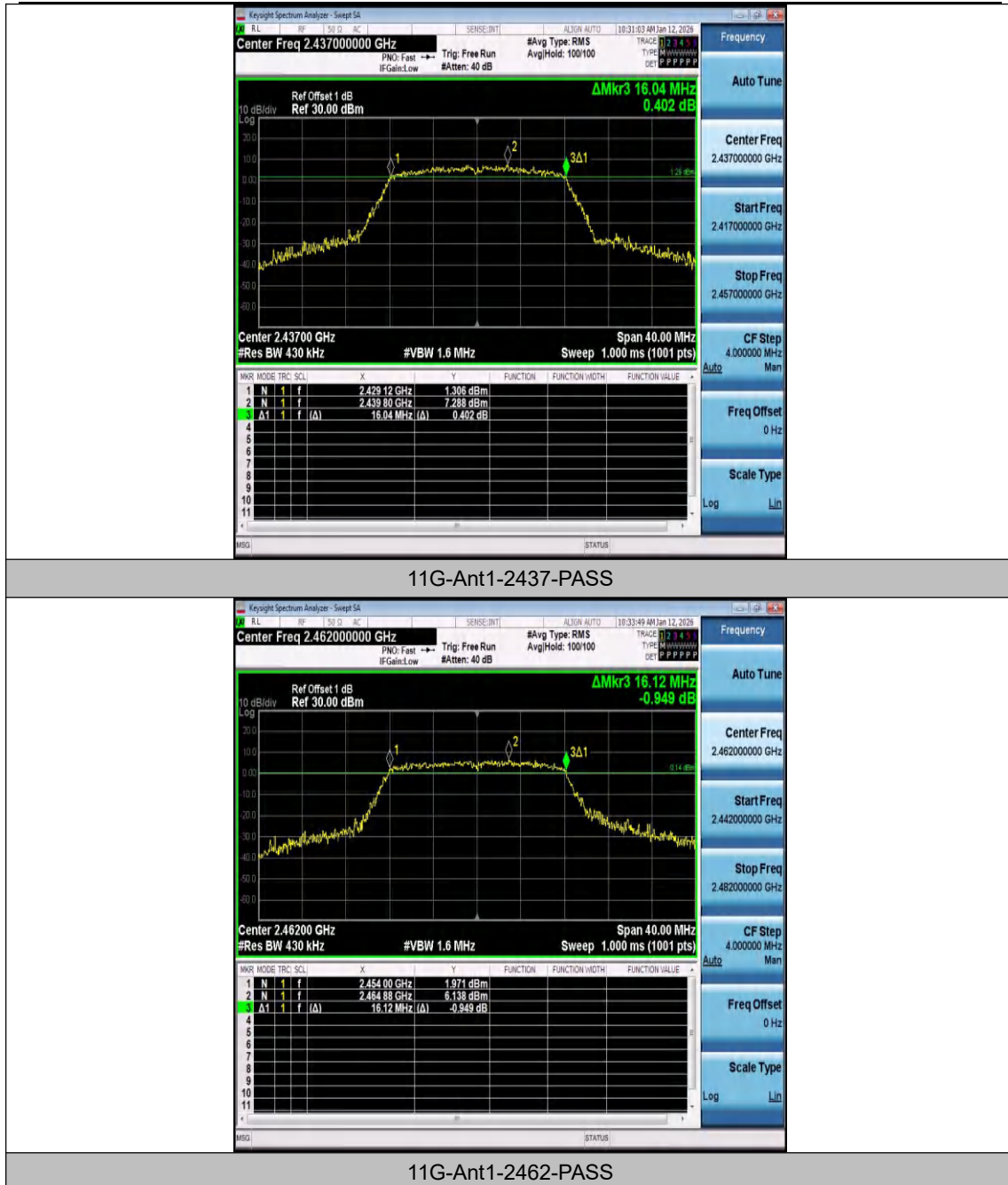


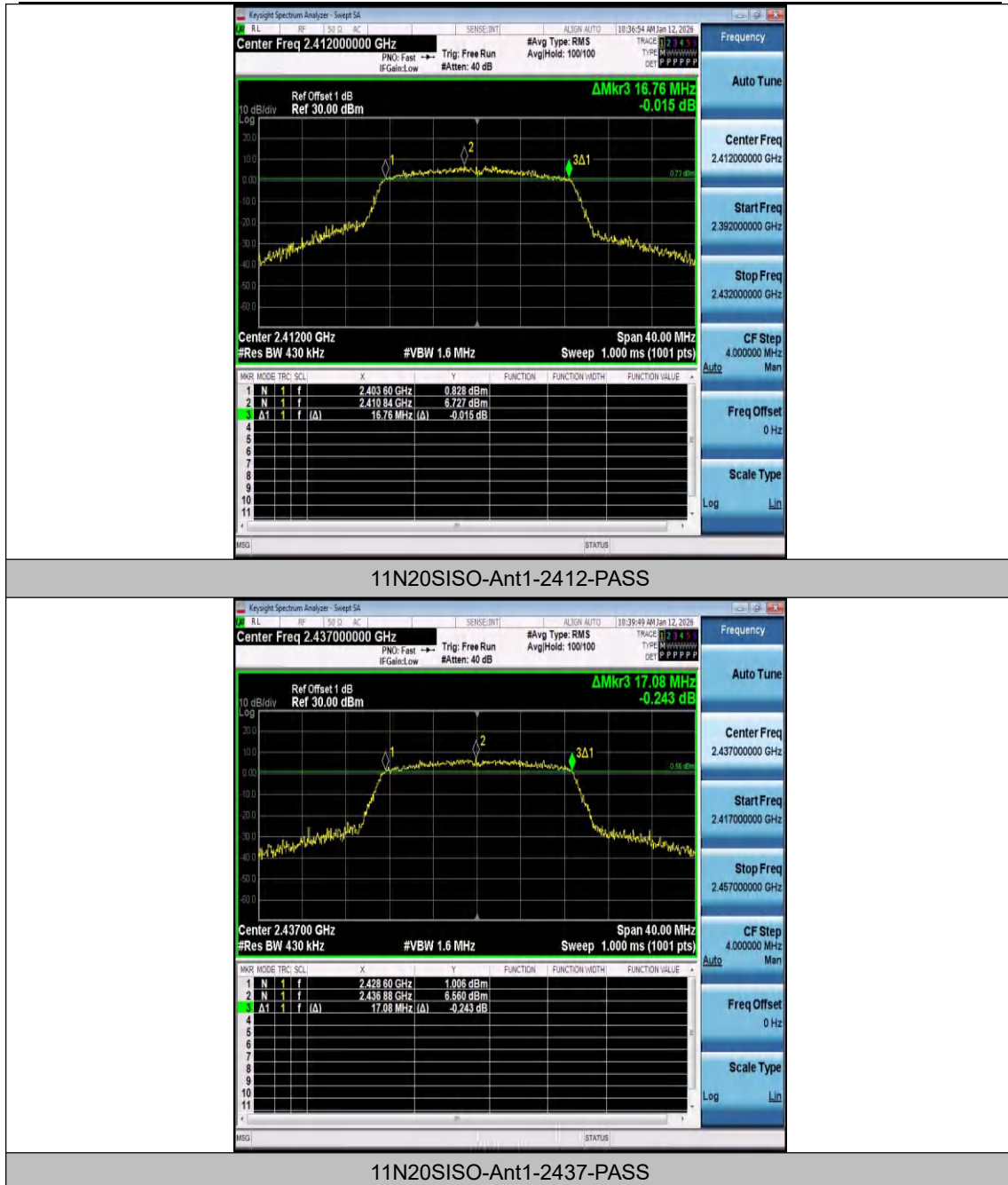


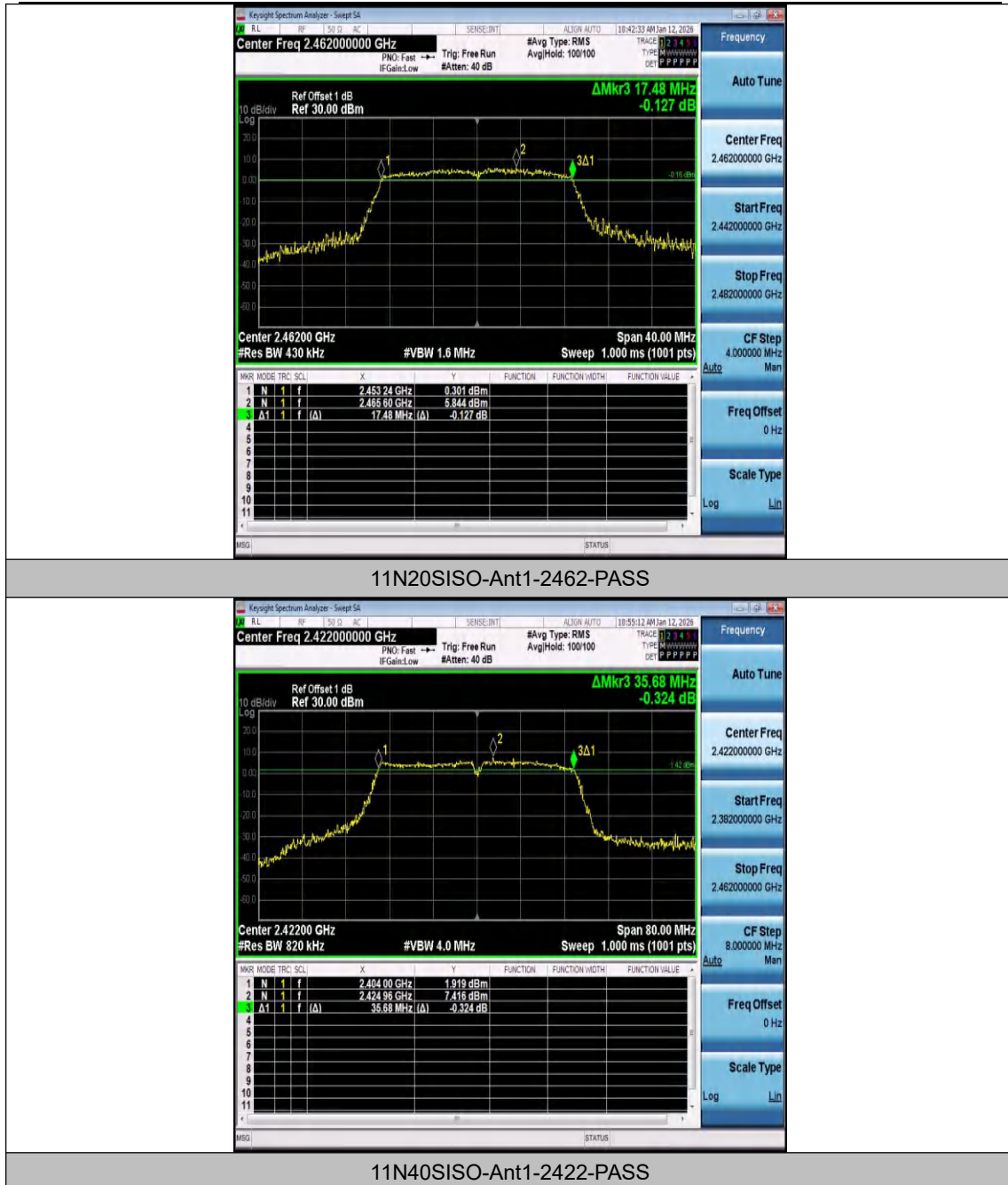
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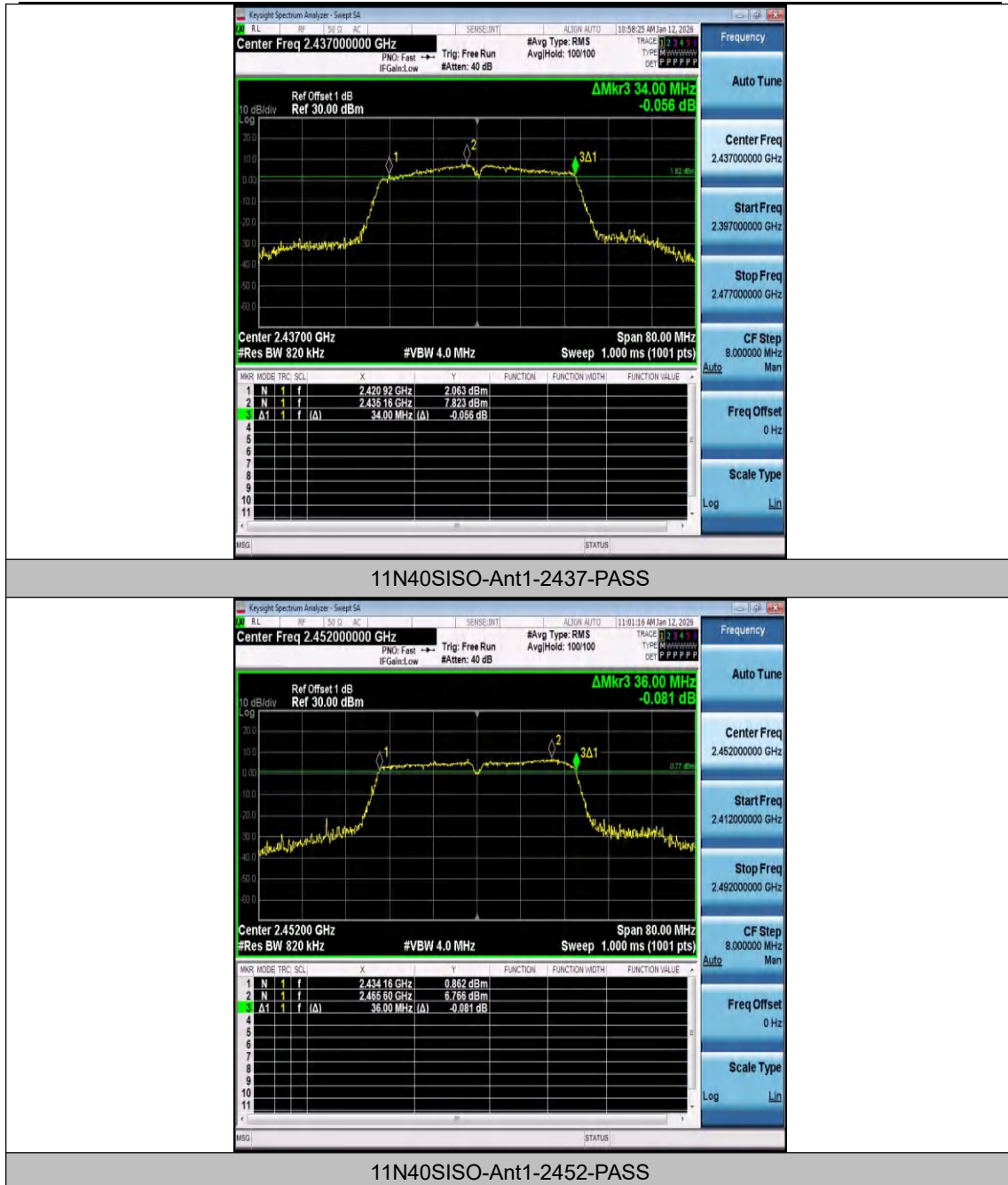




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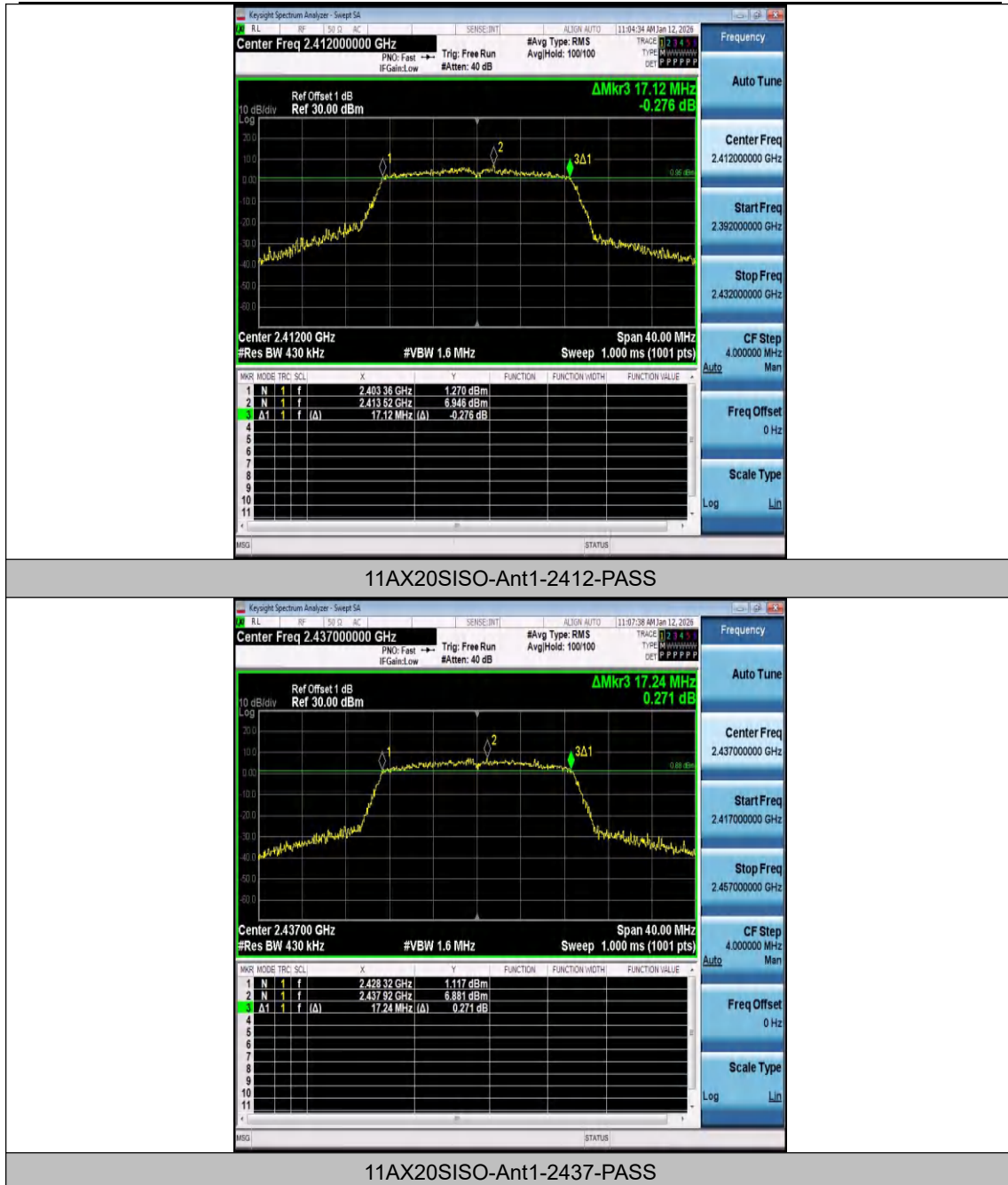
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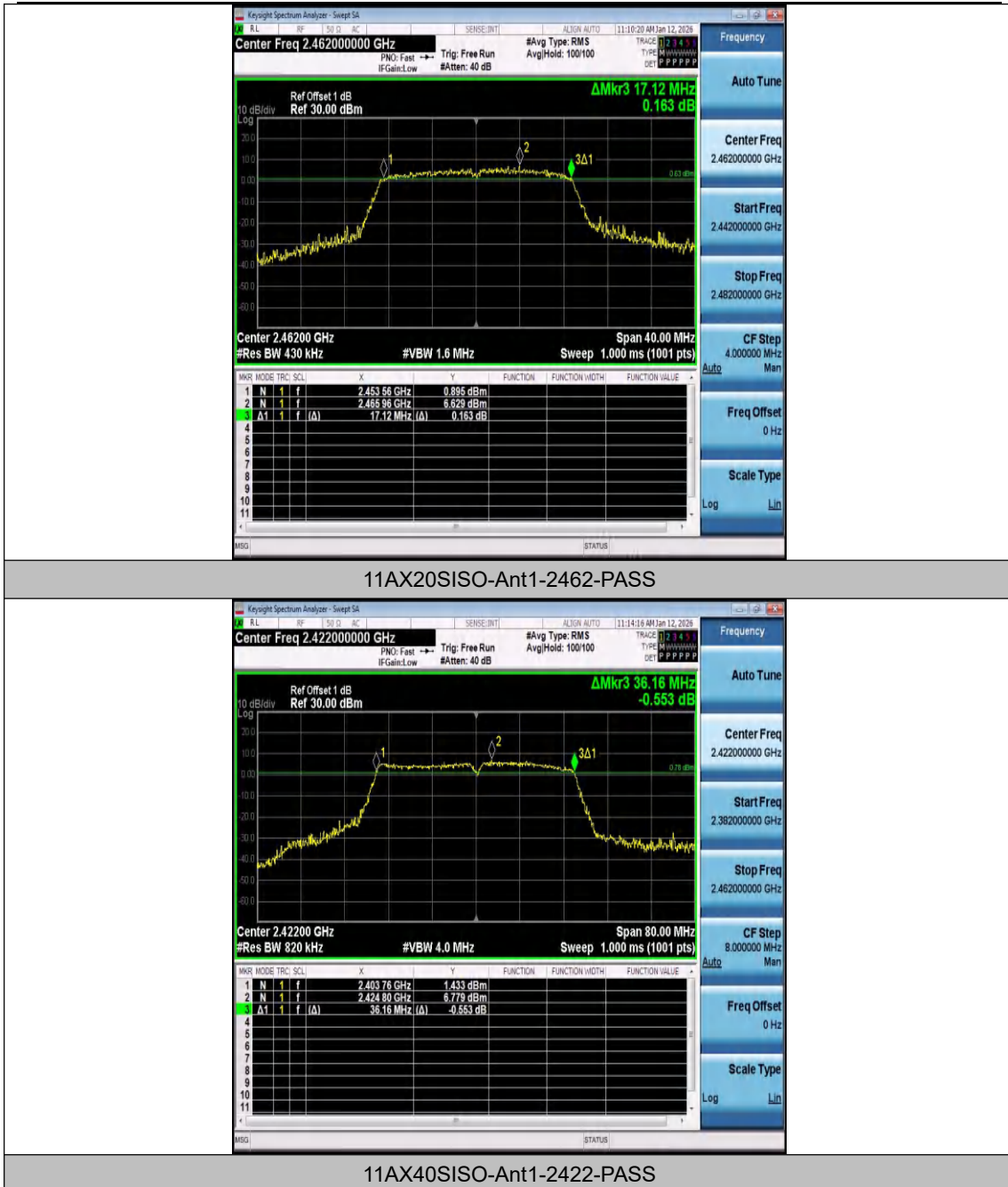
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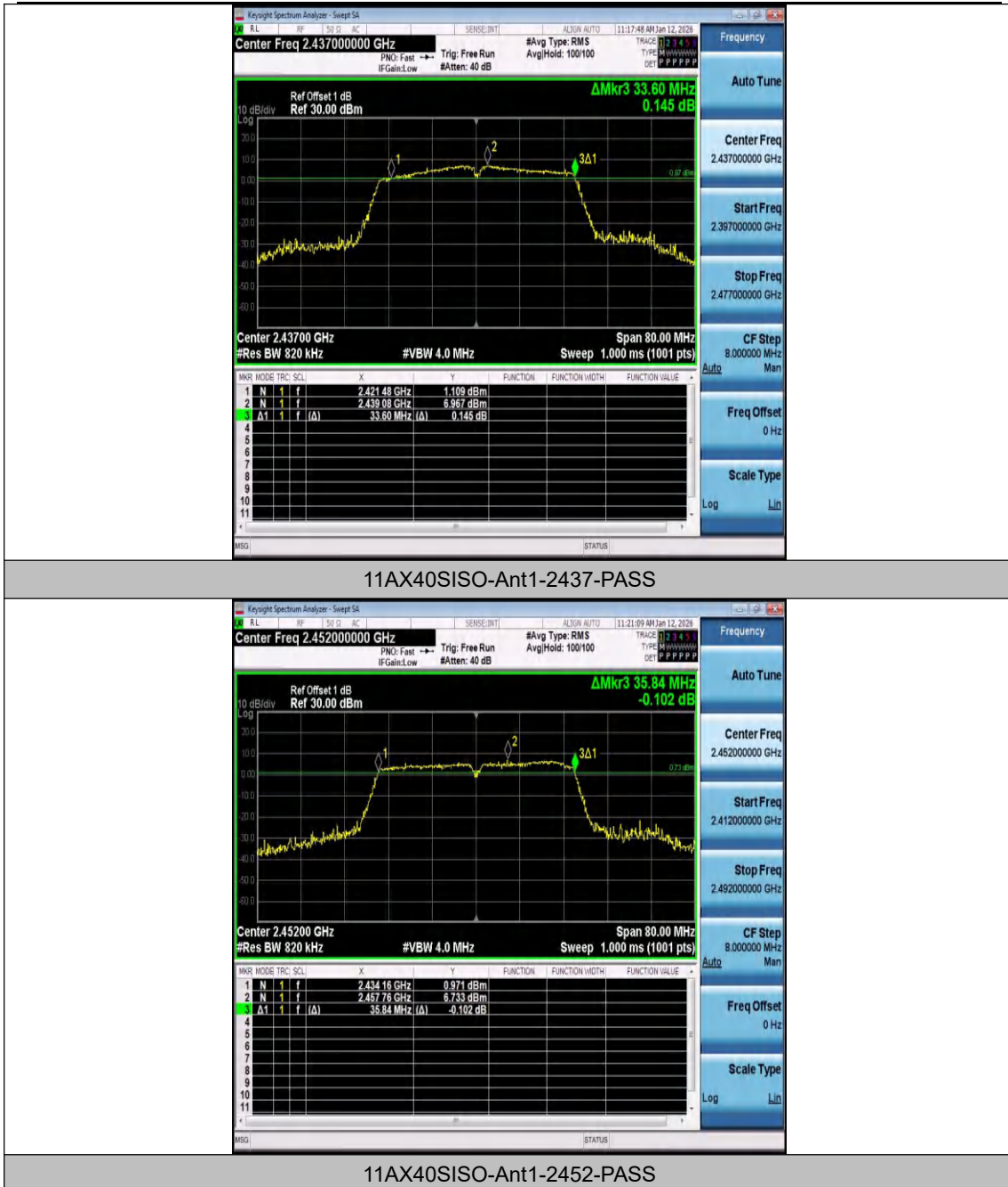
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.205	2405.2261	2418.4311	---	---
11B	Ant1	2437	12.678	2430.7233	2443.4013	---	---
11B	Ant1	2462	12.669	2455.8318	2468.5008	---	---
11G	Ant1	2412	16.798	2403.5770	2420.3750	---	---
11G	Ant1	2437	16.776	2428.7034	2445.4794	---	---
11G	Ant1	2462	16.894	2453.6185	2470.5125	---	---
11N20SISO	Ant1	2412	17.686	2403.1640	2420.8500	---	---
11N20SISO	Ant1	2437	17.771	2428.1796	2445.9506	---	---
11N20SISO	Ant1	2462	17.858	2453.0829	2470.9409	---	---
11N40SISO	Ant1	2422	36.574	2403.5454	2440.1194	---	---
11N40SISO	Ant1	2437	36.025	2419.3448	2455.3698	---	---
11N40SISO	Ant1	2452	36.280	2434.0037	2470.2837	---	---
11AX20SISO	Ant1	2412	17.872	2403.0797	2420.9517	---	---
11AX20SISO	Ant1	2437	17.776	2428.1621	2445.9381	---	---
11AX20SISO	Ant1	2462	17.875	2453.1213	2470.9963	---	---
11AX40SISO	Ant1	2422	36.516	2403.5763	2440.0923	---	---
11AX40SISO	Ant1	2437	36.070	2419.2919	2455.3619	---	---
11AX40SISO	Ant1	2452	36.211	2433.9853	2470.1963	---	---

Test Graphs



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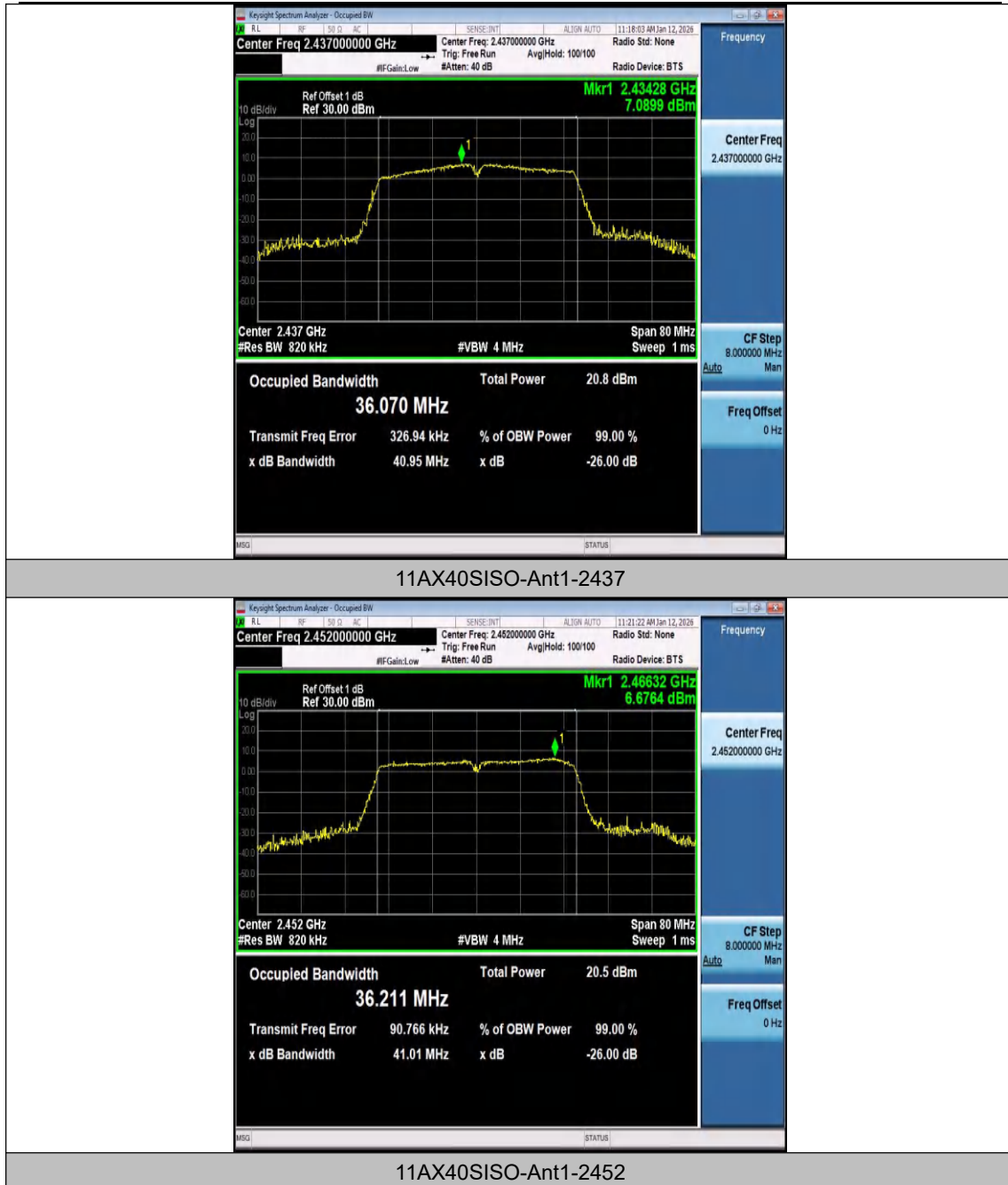
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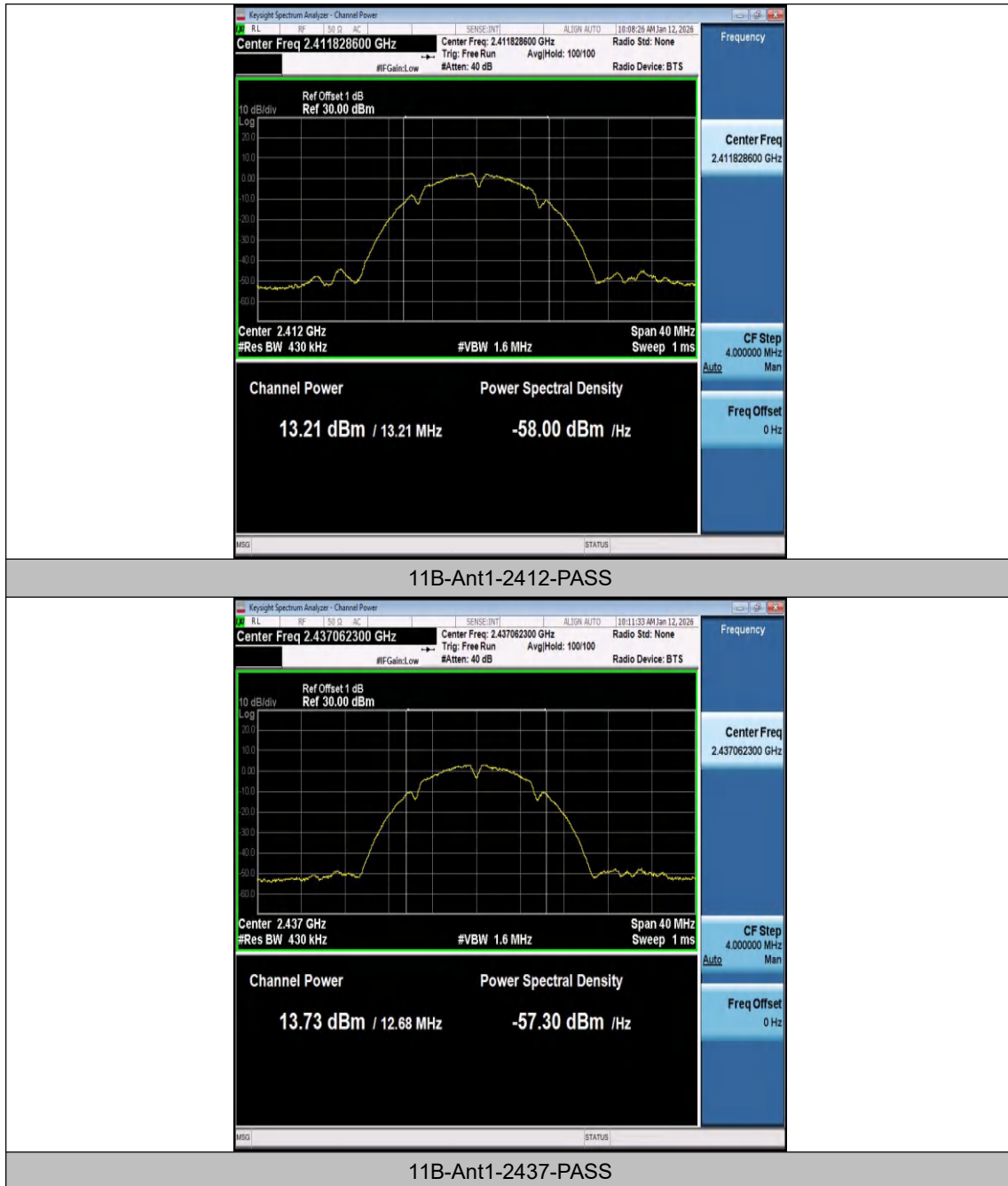
Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	13.21	≤30.00	PASS
11B	Ant1	2437	13.73	≤30.00	PASS
11B	Ant1	2462	13.16	≤30.00	PASS
11G	Ant1	2412	13.45	≤30.00	PASS
11G	Ant1	2437	13.99	≤30.00	PASS
11G	Ant1	2462	13.47	≤30.00	PASS
11N20SISO	Ant1	2412	13.28	≤30.00	PASS
11N20SISO	Ant1	2437	13.92	≤30.00	PASS
11N20SISO	Ant1	2462	13.34	≤30.00	PASS
11N40SISO	Ant1	2422	13.51	≤30.00	PASS
11N40SISO	Ant1	2437	13.98	≤30.00	PASS
11N40SISO	Ant1	2452	13.68	≤30.00	PASS
11AX20SISO	Ant1	2412	13.22	≤30.00	PASS
11AX20SISO	Ant1	2437	13.89	≤30.00	PASS
11AX20SISO	Ant1	2462	13.31	≤30.00	PASS
11AX40SISO	Ant1	2422	13.53	≤30.00	PASS
11AX40SISO	Ant1	2437	13.89	≤30.00	PASS
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Note: The cable loss are compensated in the graph.

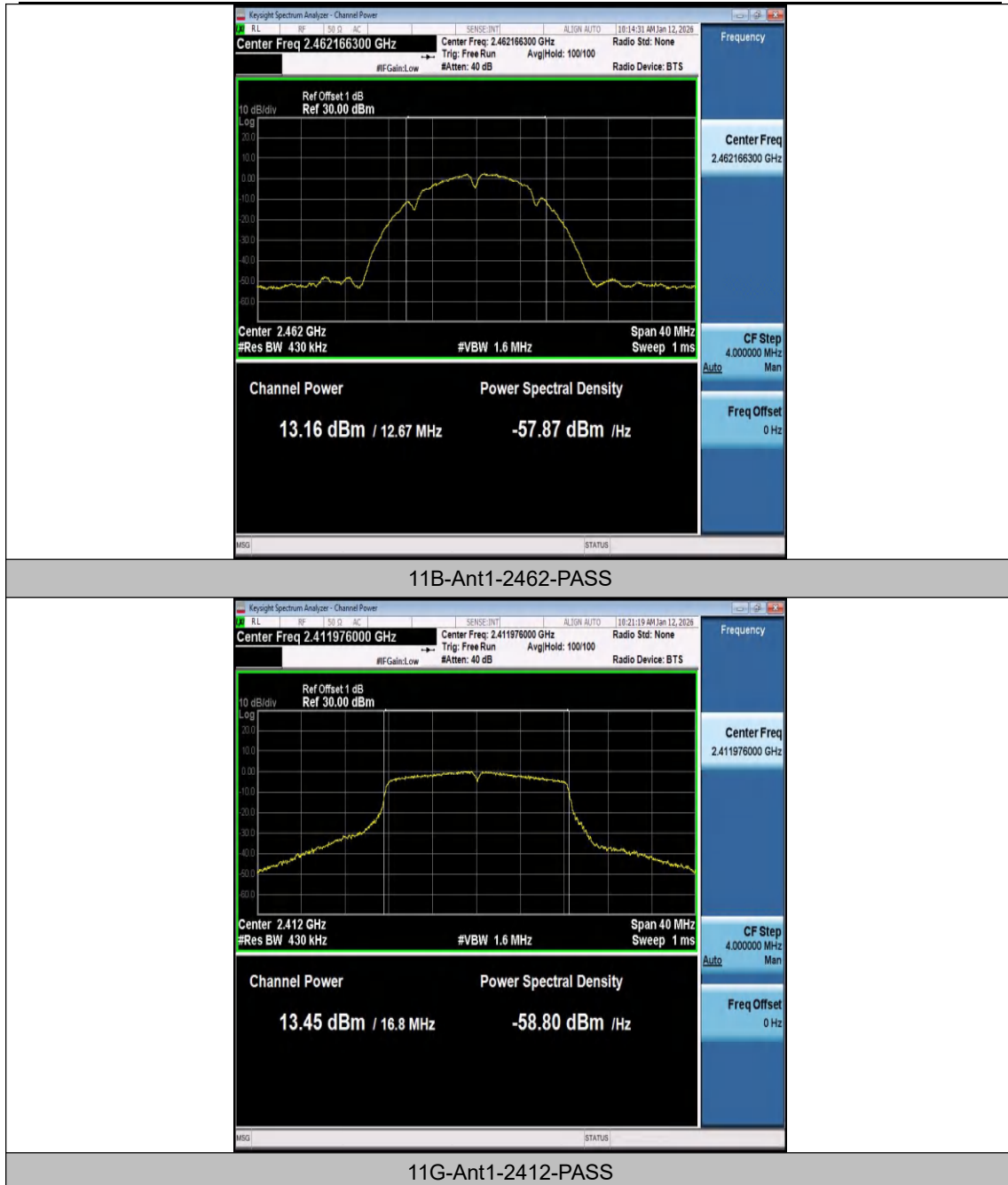
Test Graphs Average

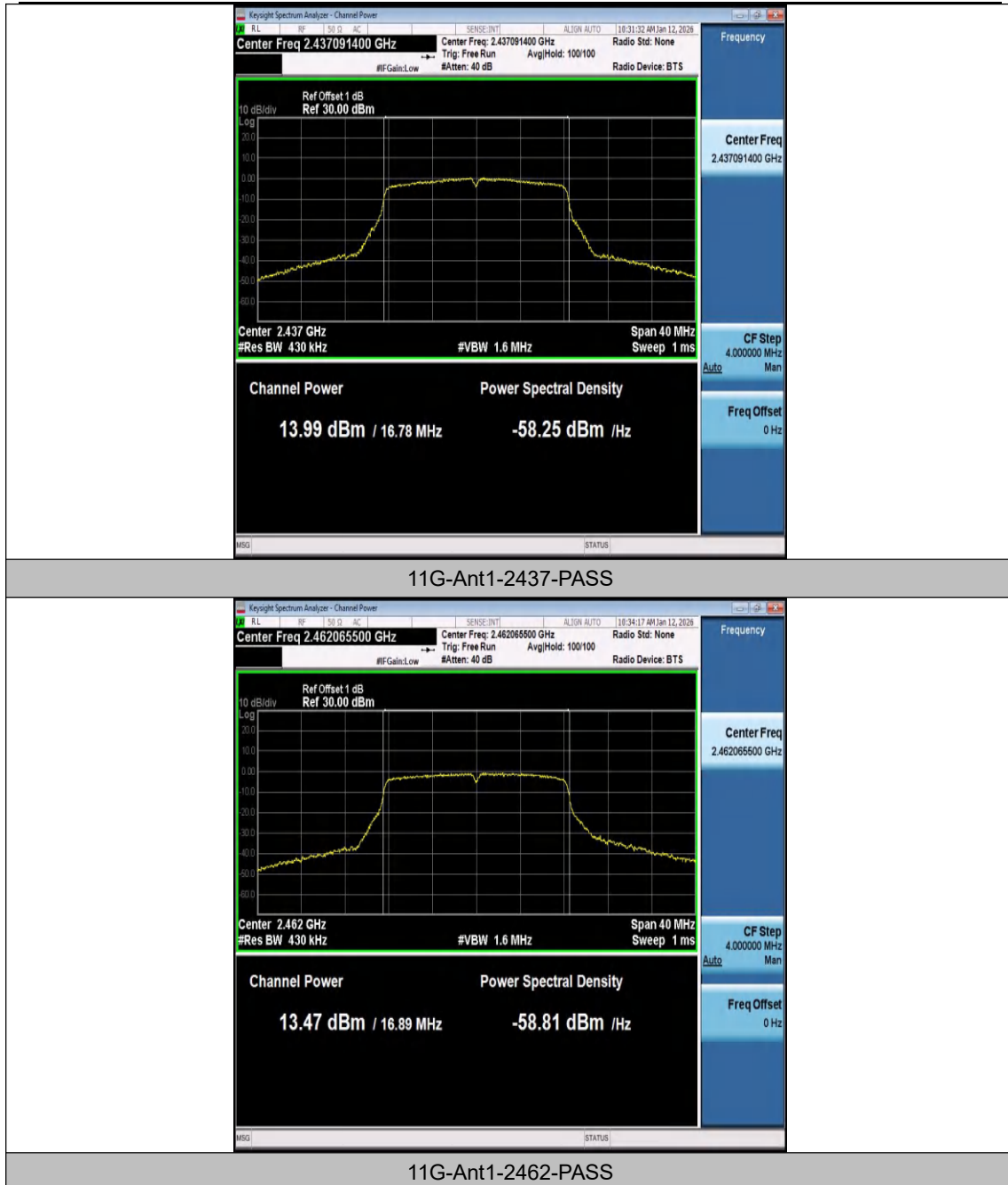


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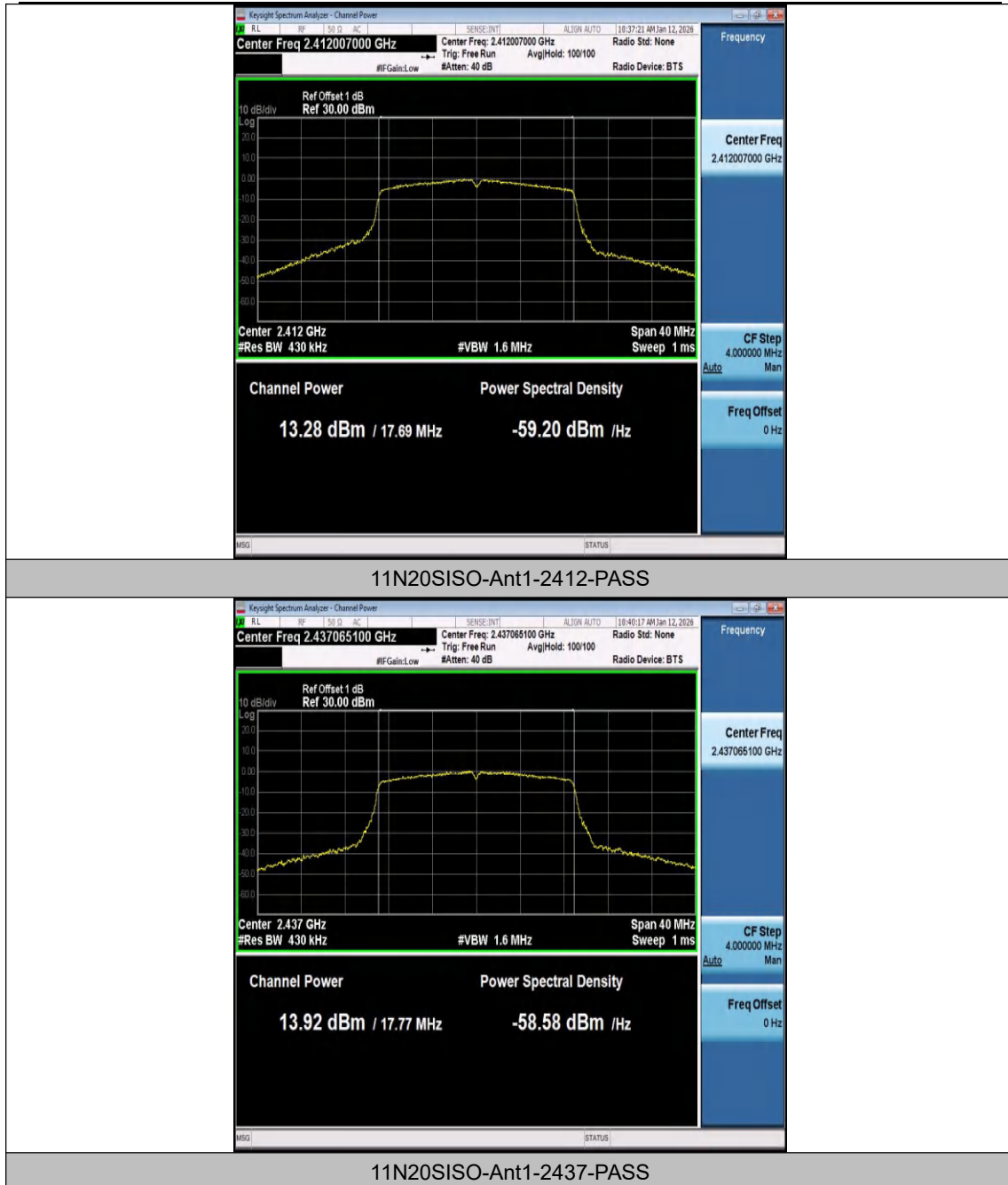




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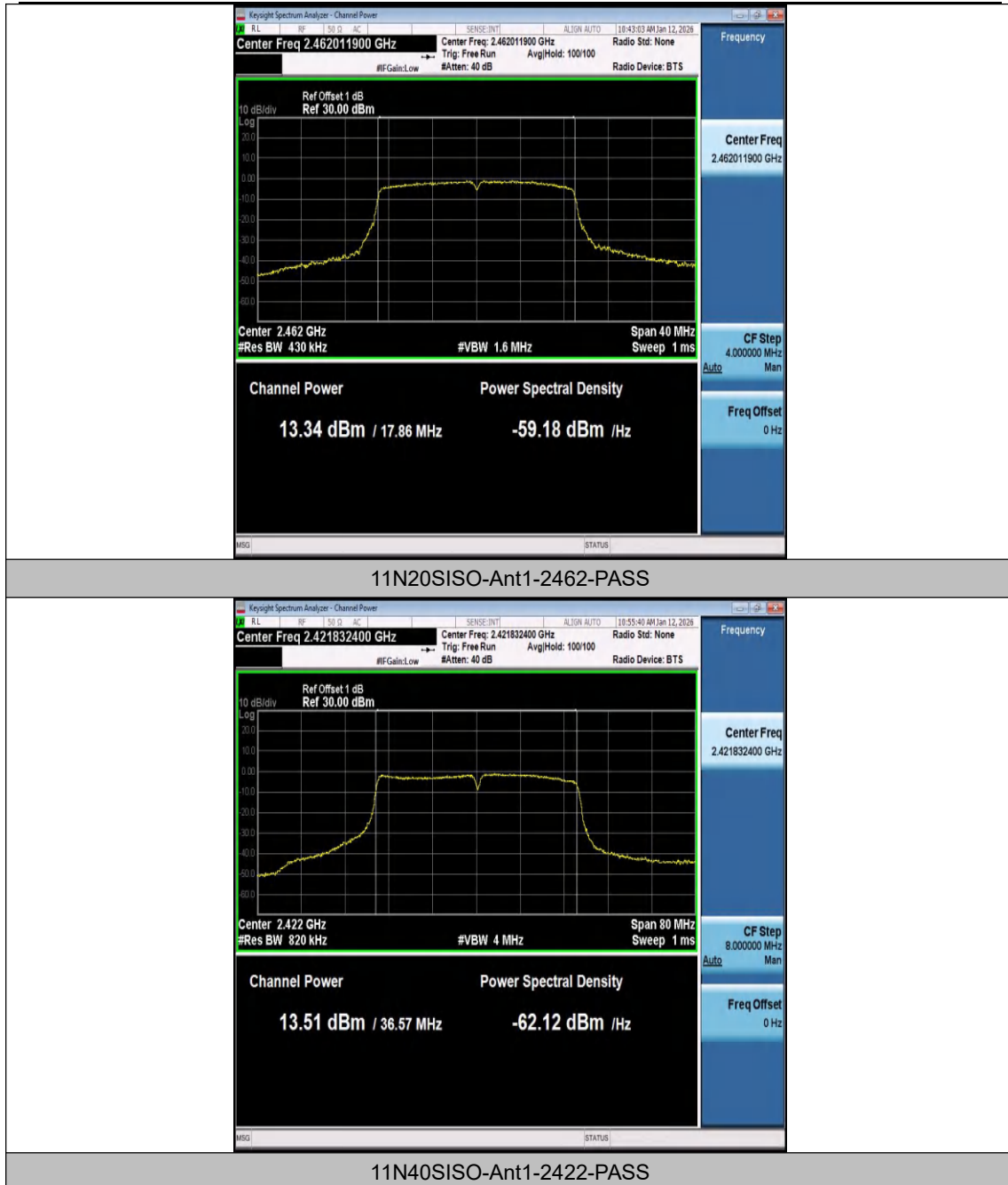
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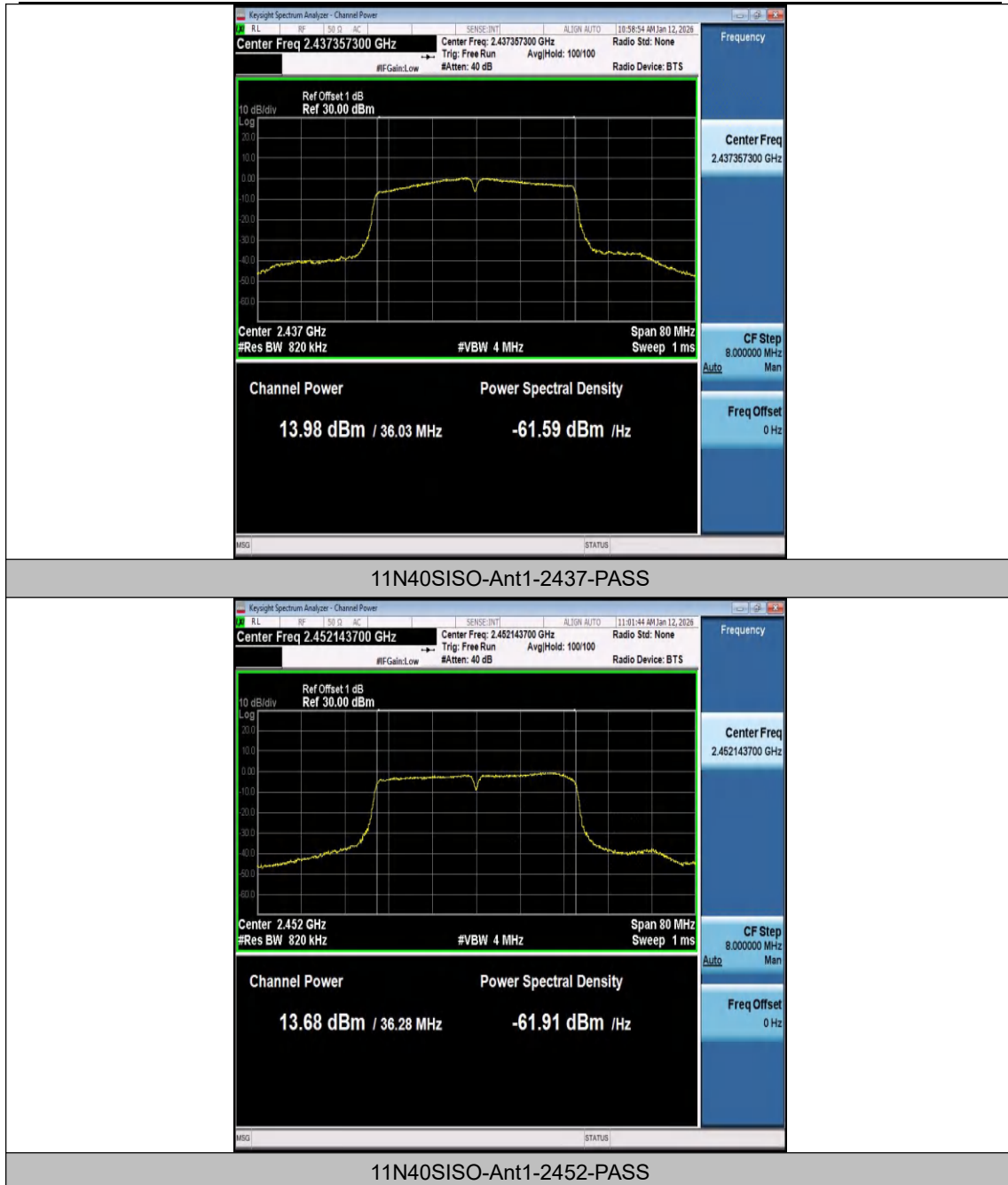
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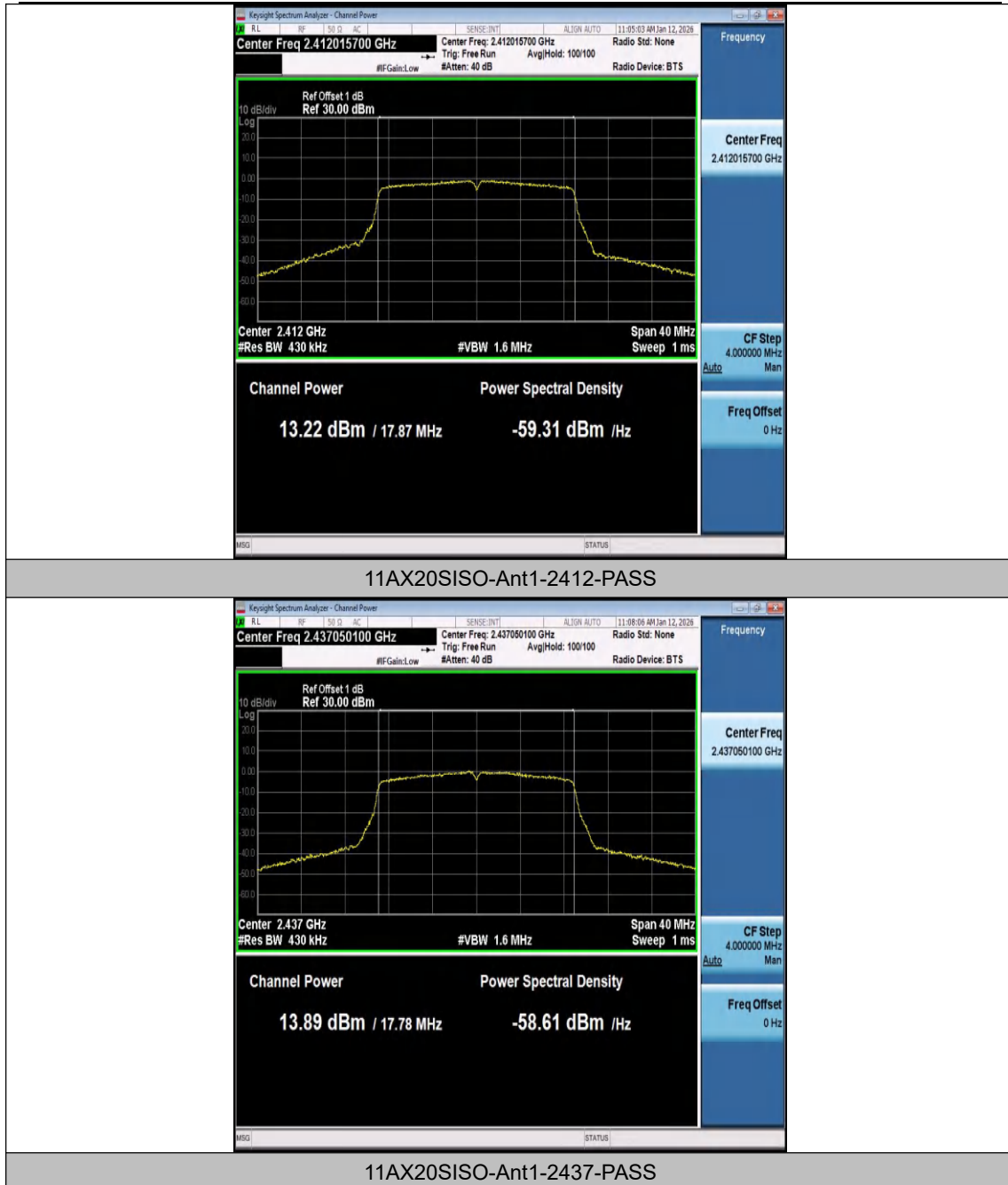
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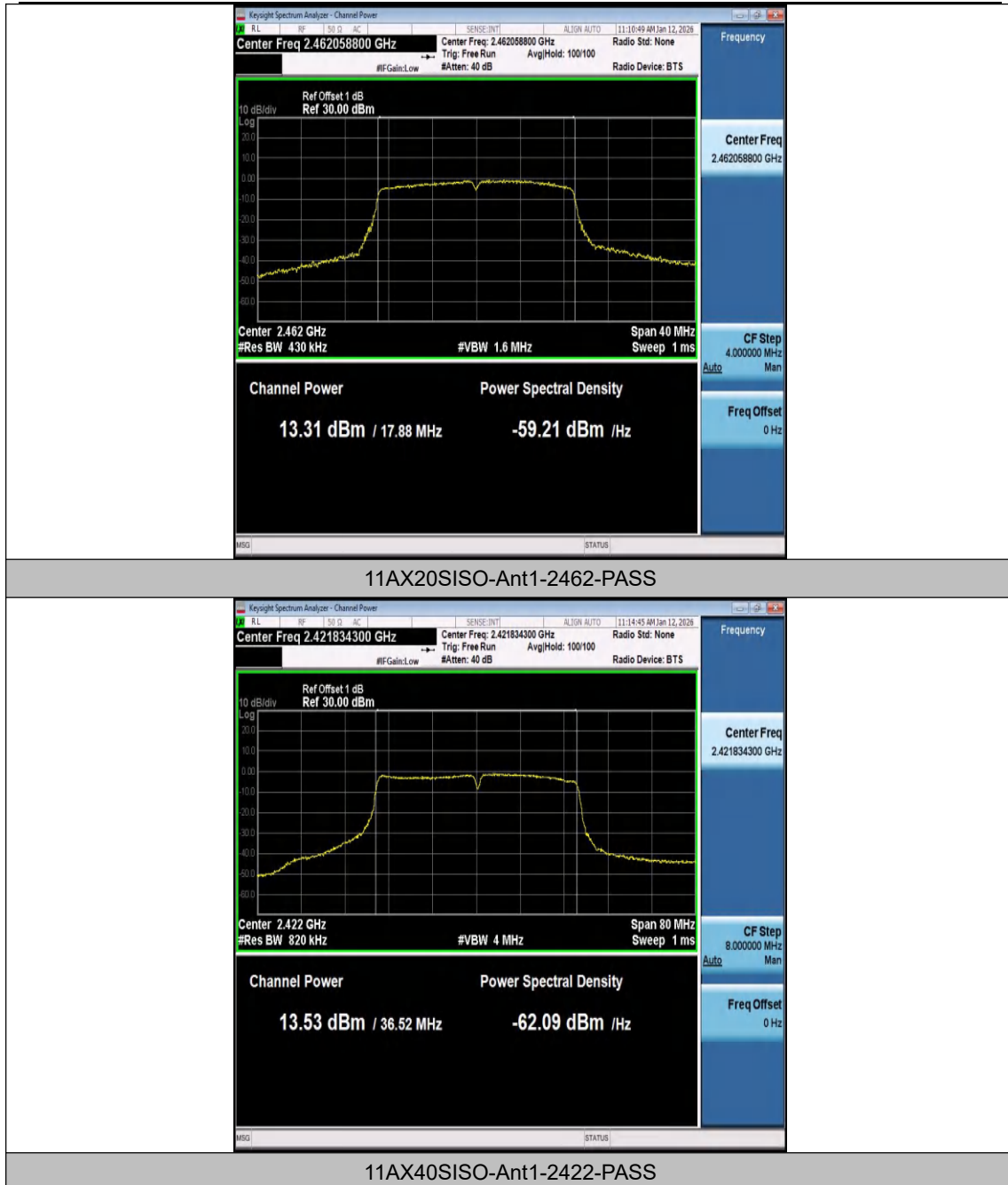
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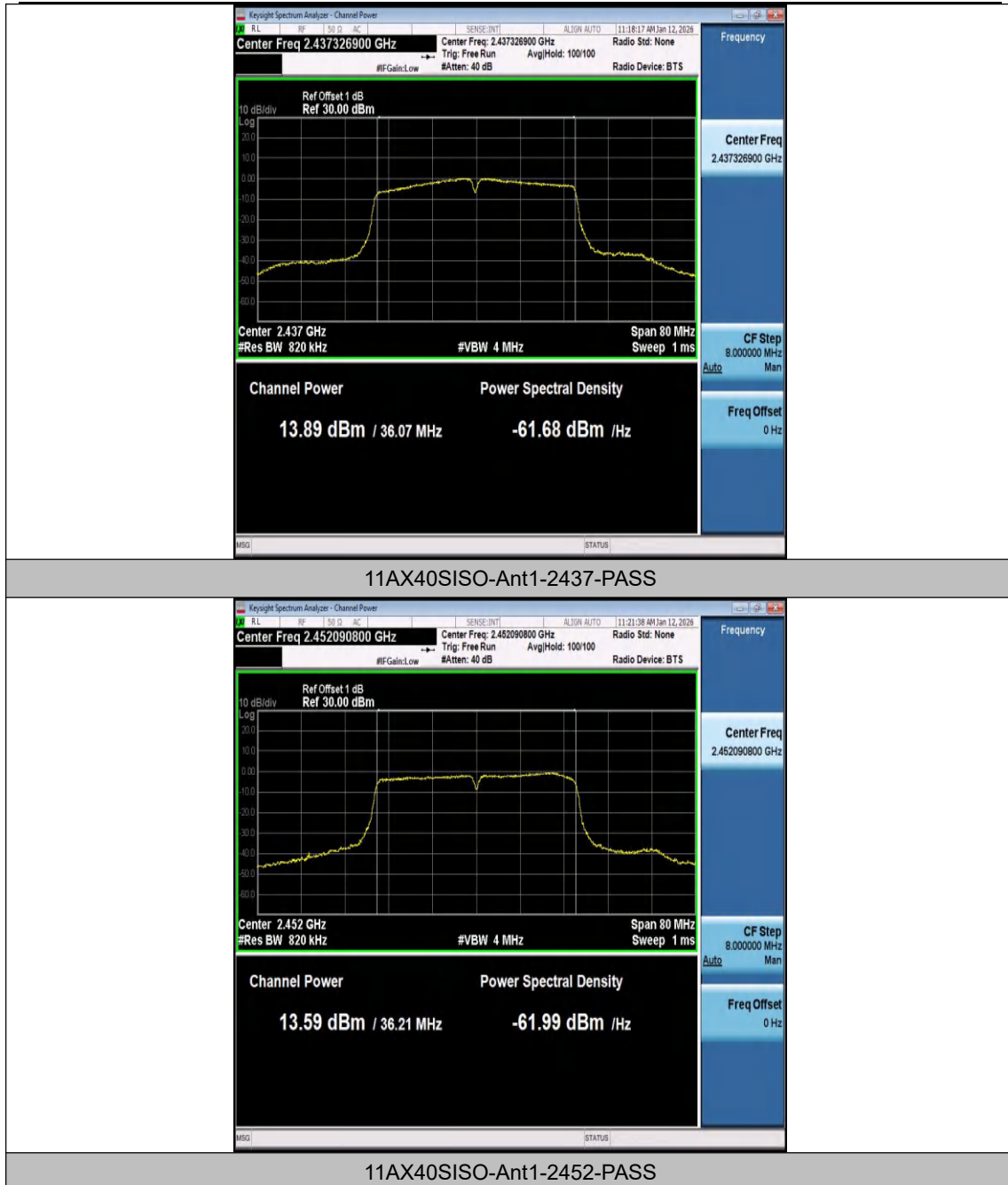
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Appendix D: Maximum power spectral density

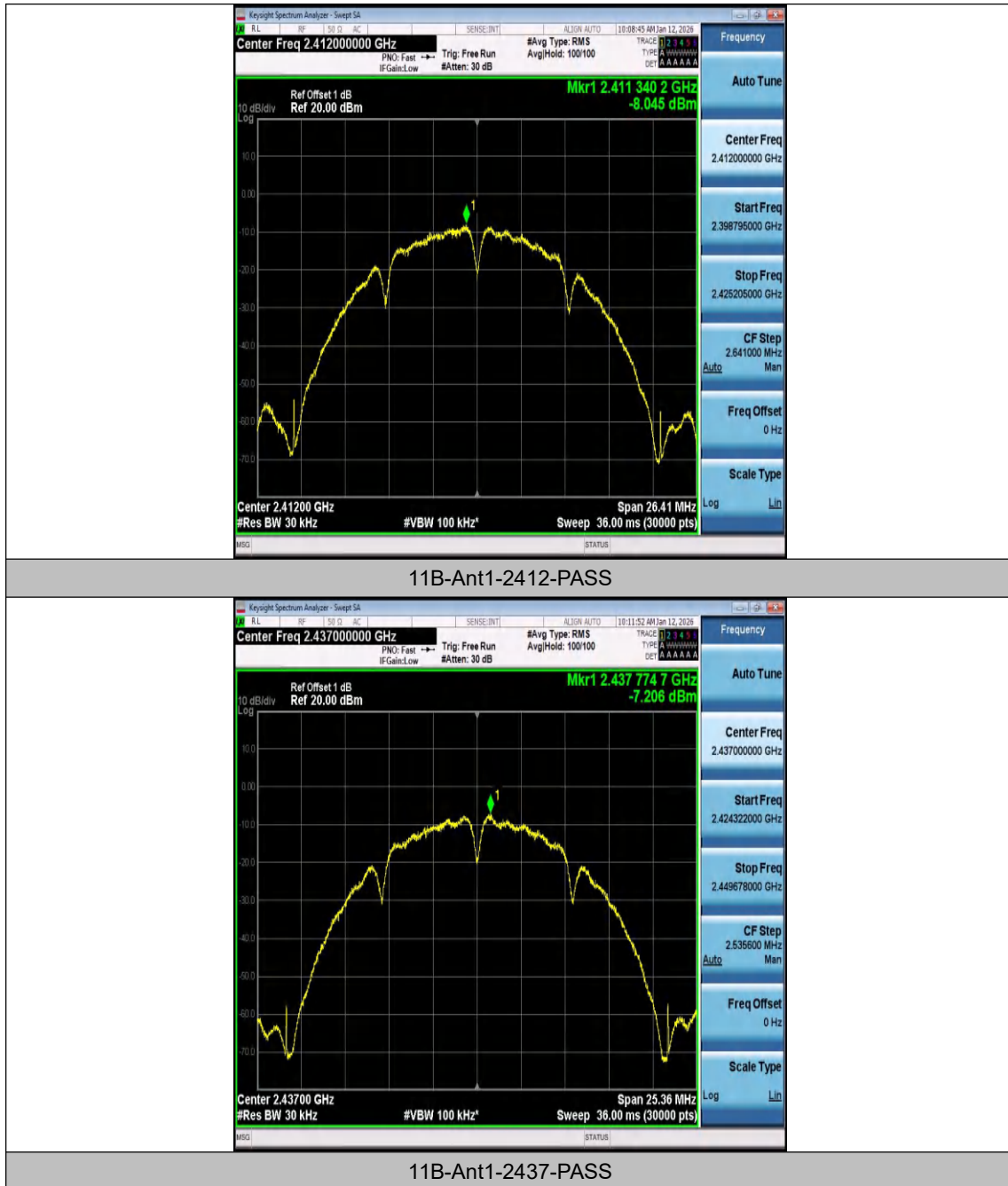
Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/30kHz]	Limit[dBm/3kHz]	Verdict
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11B	Ant1	2437	-7.21	≤8.00	PASS
11B	Ant1	2462	-7.99	≤8.00	PASS
11G	Ant1	2412	-10.13	≤8.00	PASS
11G	Ant1	2437	-9.34	≤8.00	PASS
11G	Ant1	2462	-10.74	≤8.00	PASS
11N20SISO	Ant1	2412	-10.24	≤8.00	PASS
11N20SISO	Ant1	2437	-9.56	≤8.00	PASS
11N20SISO	Ant1	2462	-10.68	≤8.00	PASS
11N40SISO	Ant1	2422	-13.71	≤8.00	PASS
11N40SISO	Ant1	2437	-12.12	≤8.00	PASS
11N40SISO	Ant1	2452	-12.74	≤8.00	PASS
11AX20SISO	Ant1	2412	-10.87	≤8.00	PASS
11AX20SISO	Ant1	2437	-9.12	≤8.00	PASS
11AX20SISO	Ant1	2462	-10.96	≤8.00	PASS
11AX40SISO	Ant1	2422	-13.68	≤8.00	PASS
11AX40SISO	Ant1	2437	-12.47	≤8.00	PASS
11AX40SISO	Ant1	2452	-13.31	≤8.00	PASS

Note:

1. The cable loss are compensated in the graph.

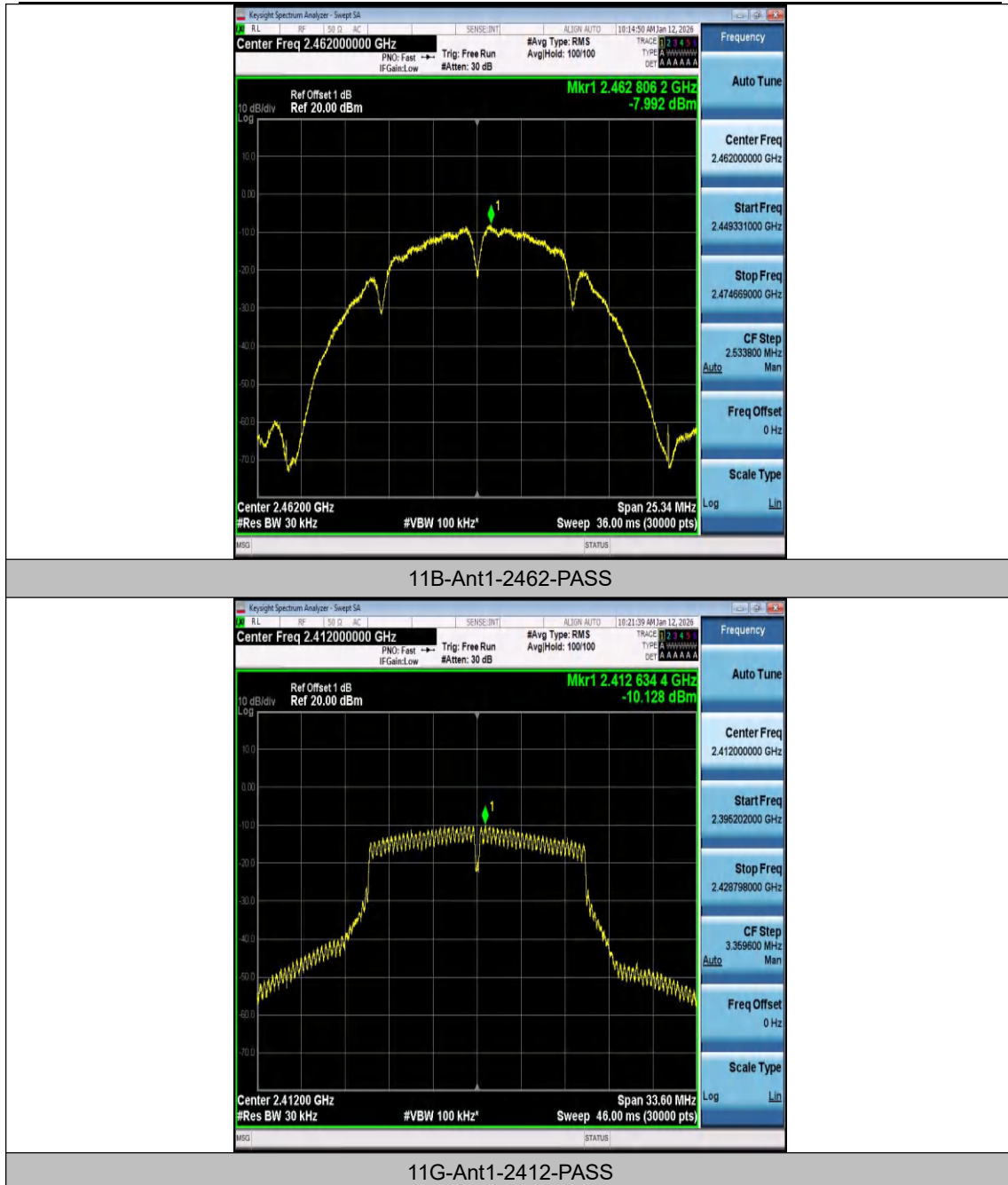
Test Graphs



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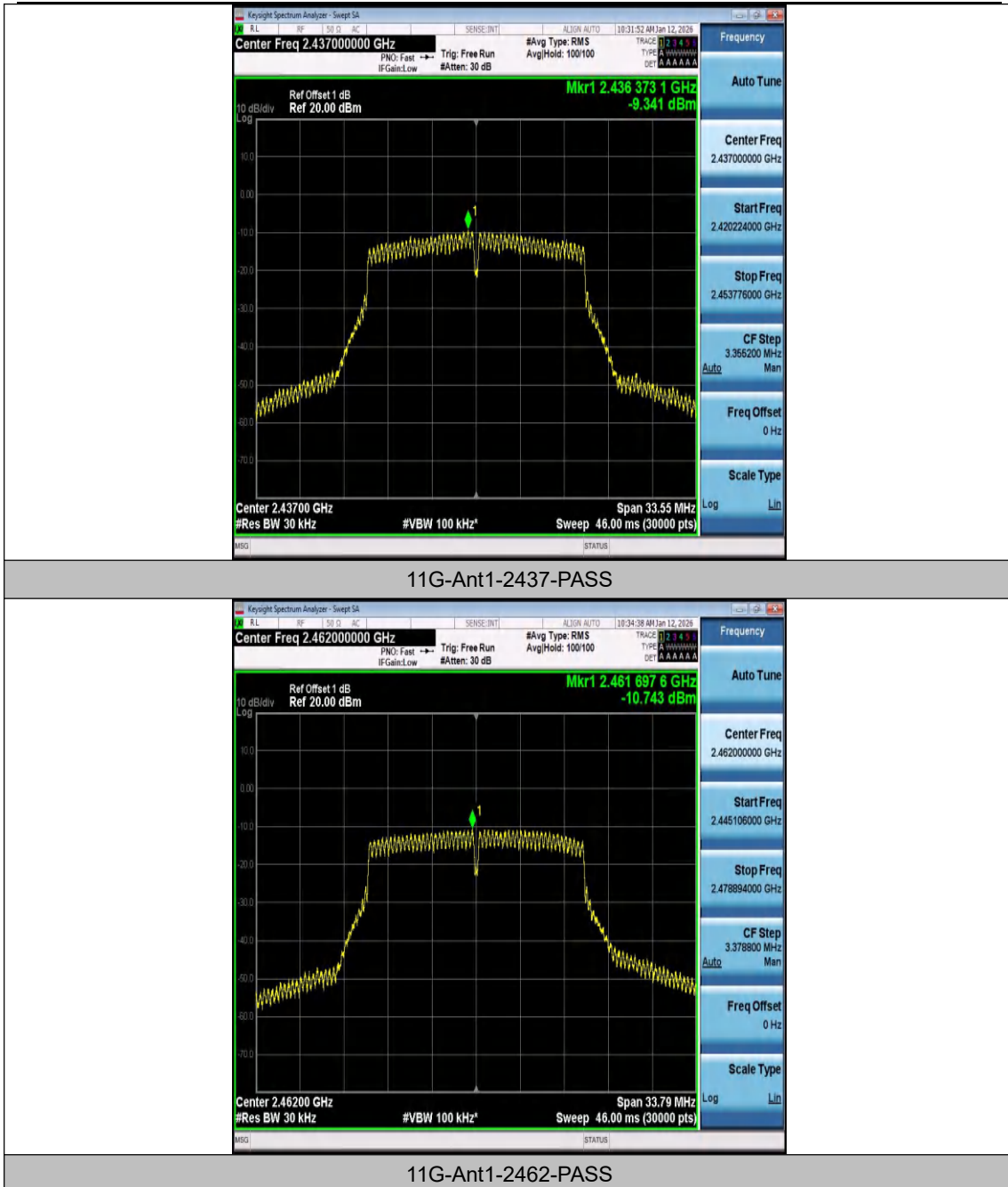
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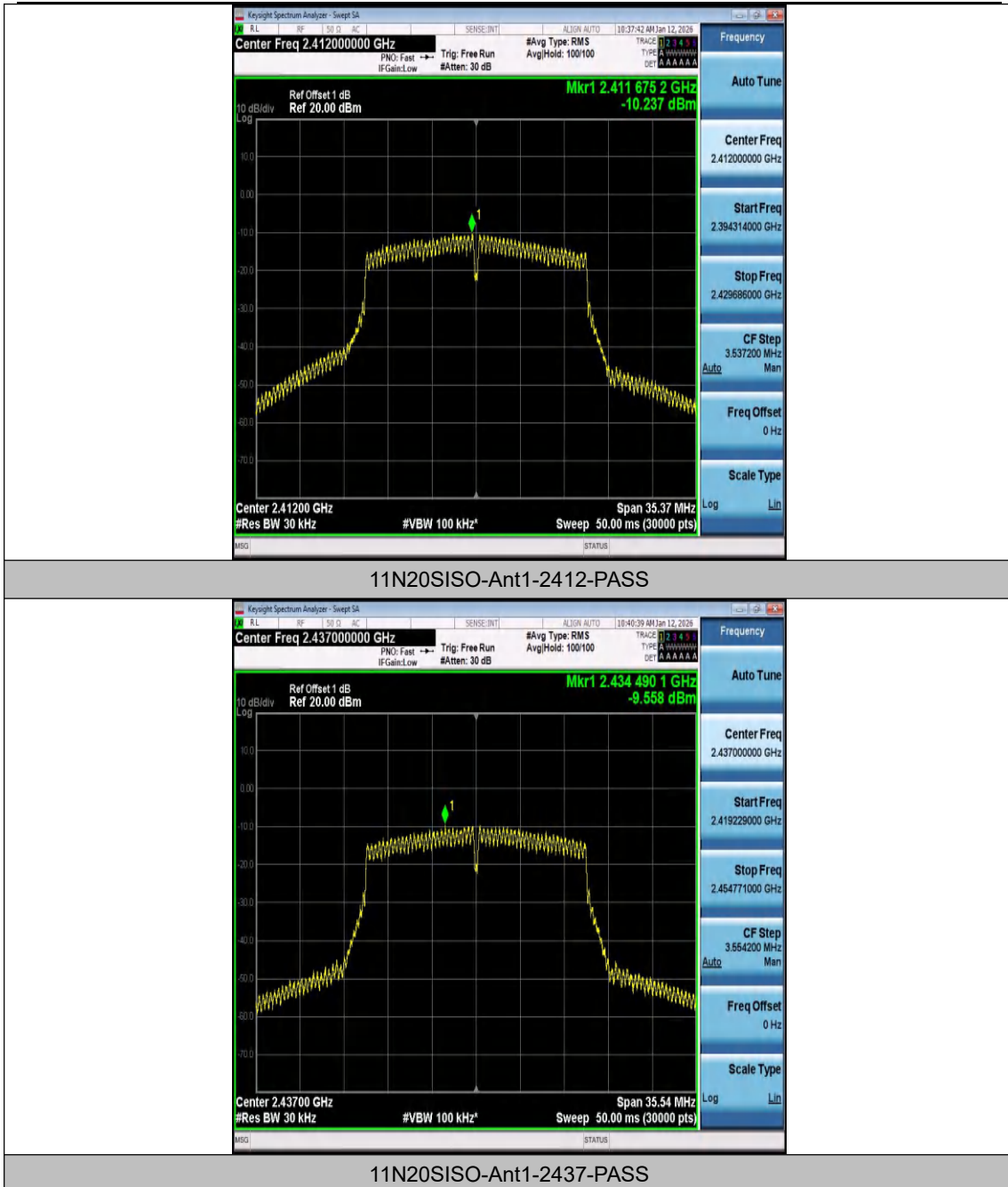
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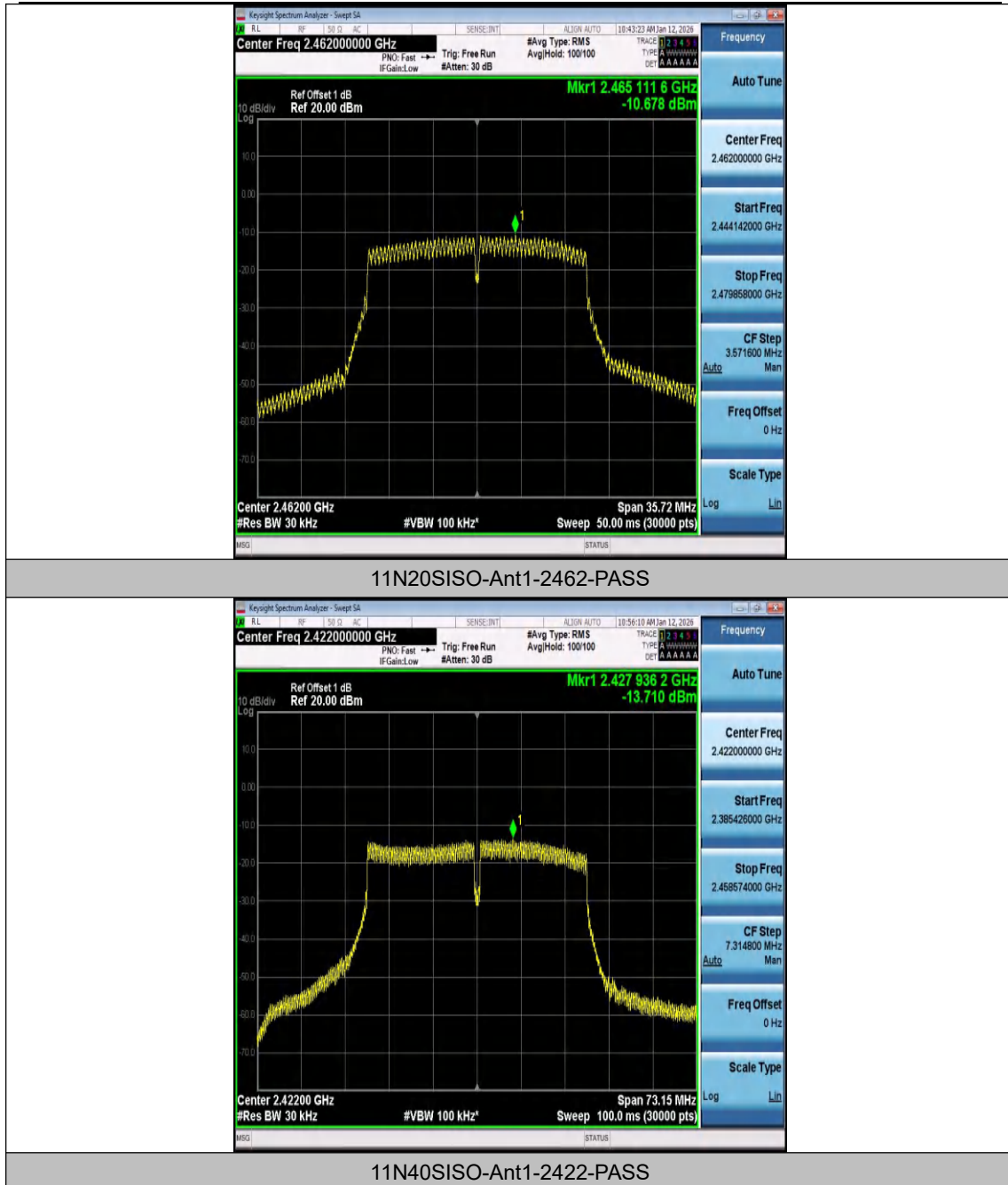
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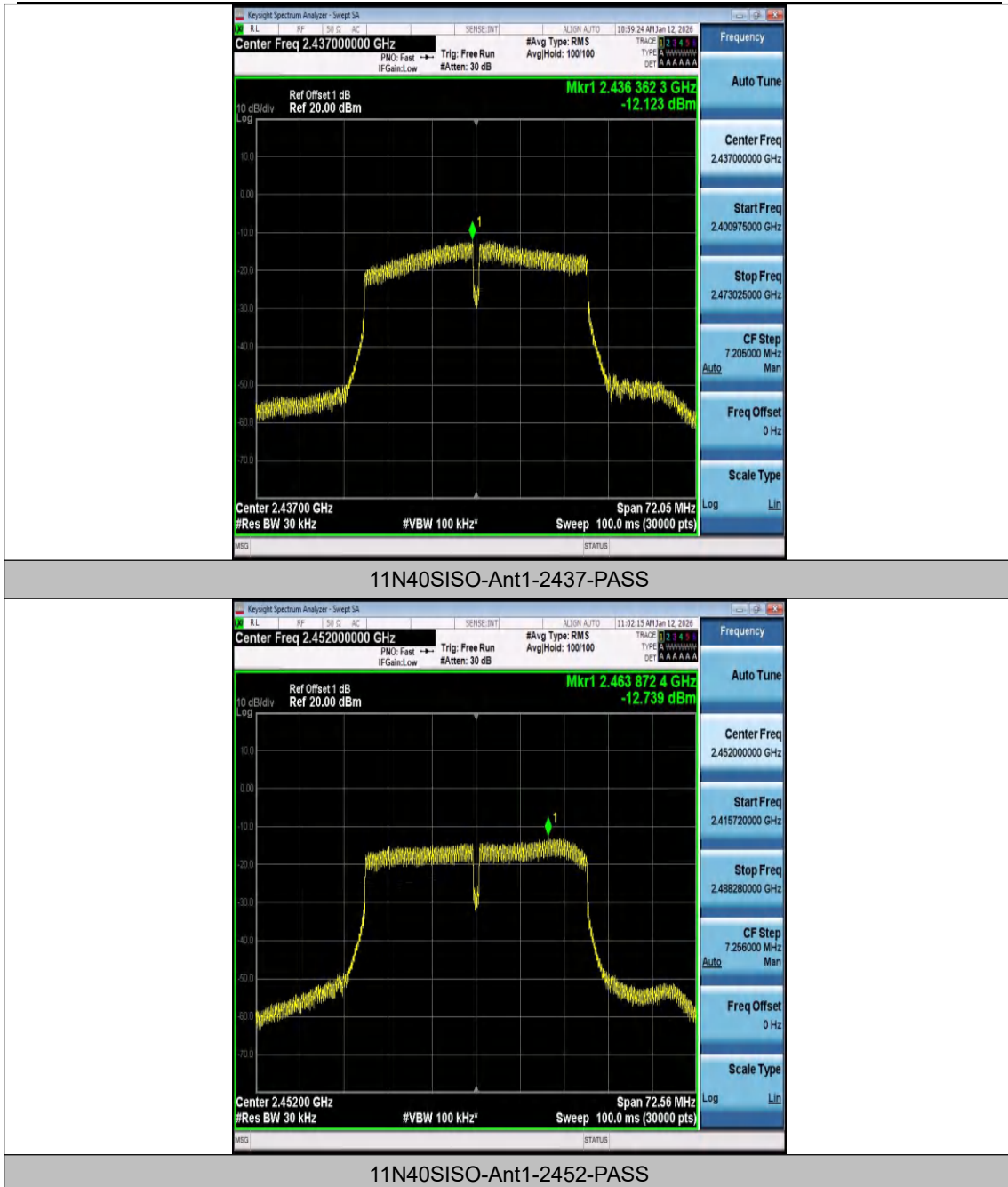
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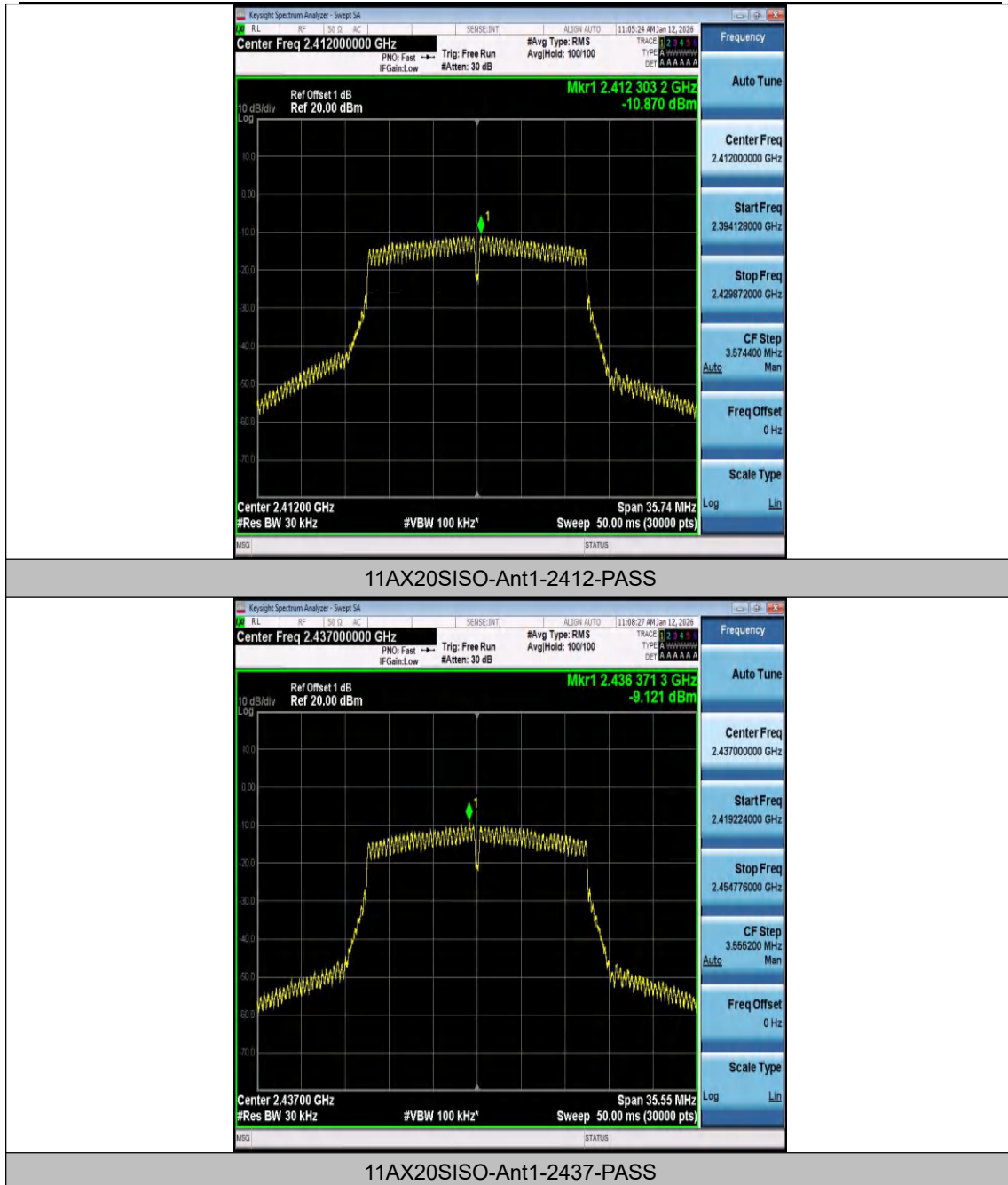
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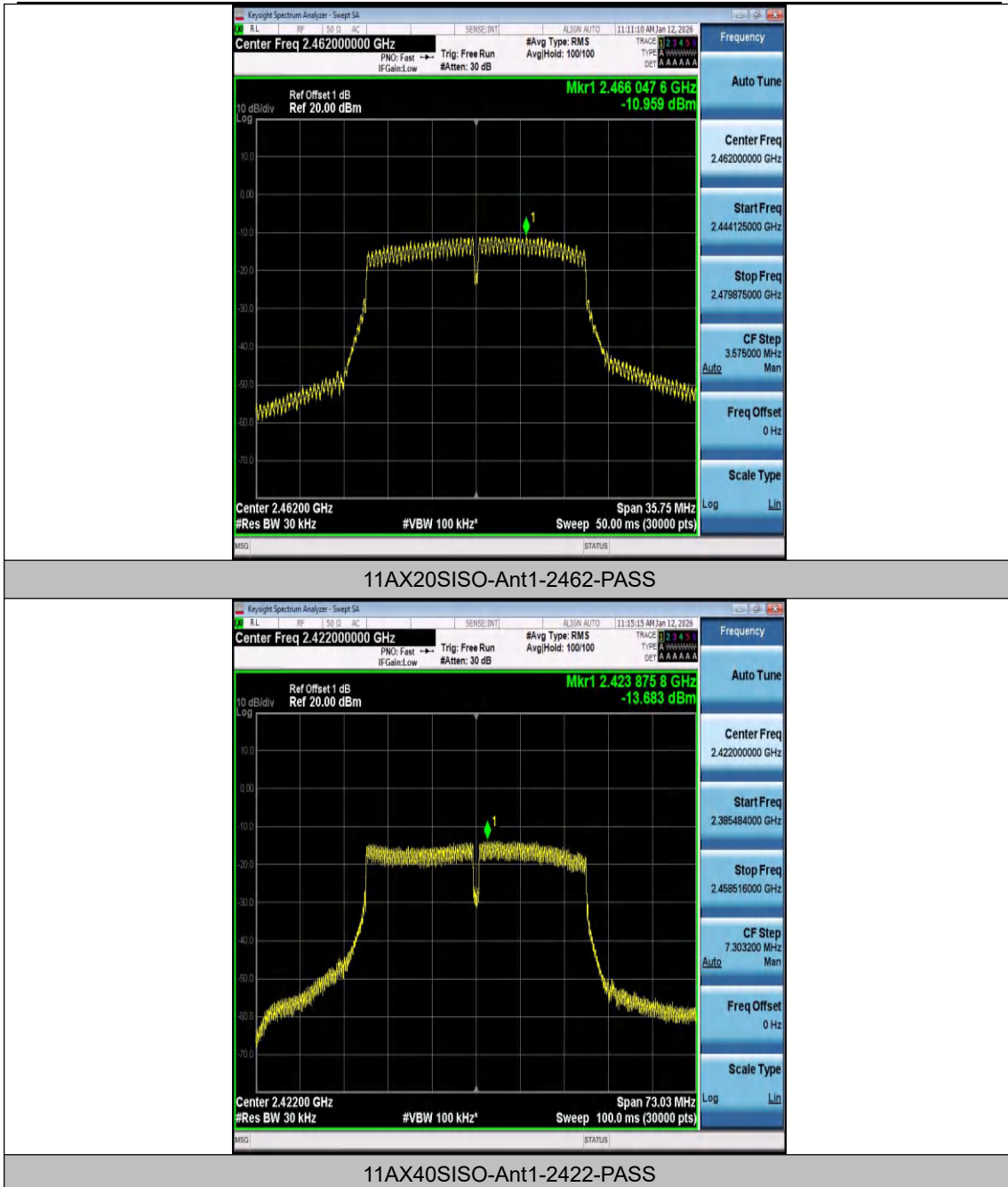
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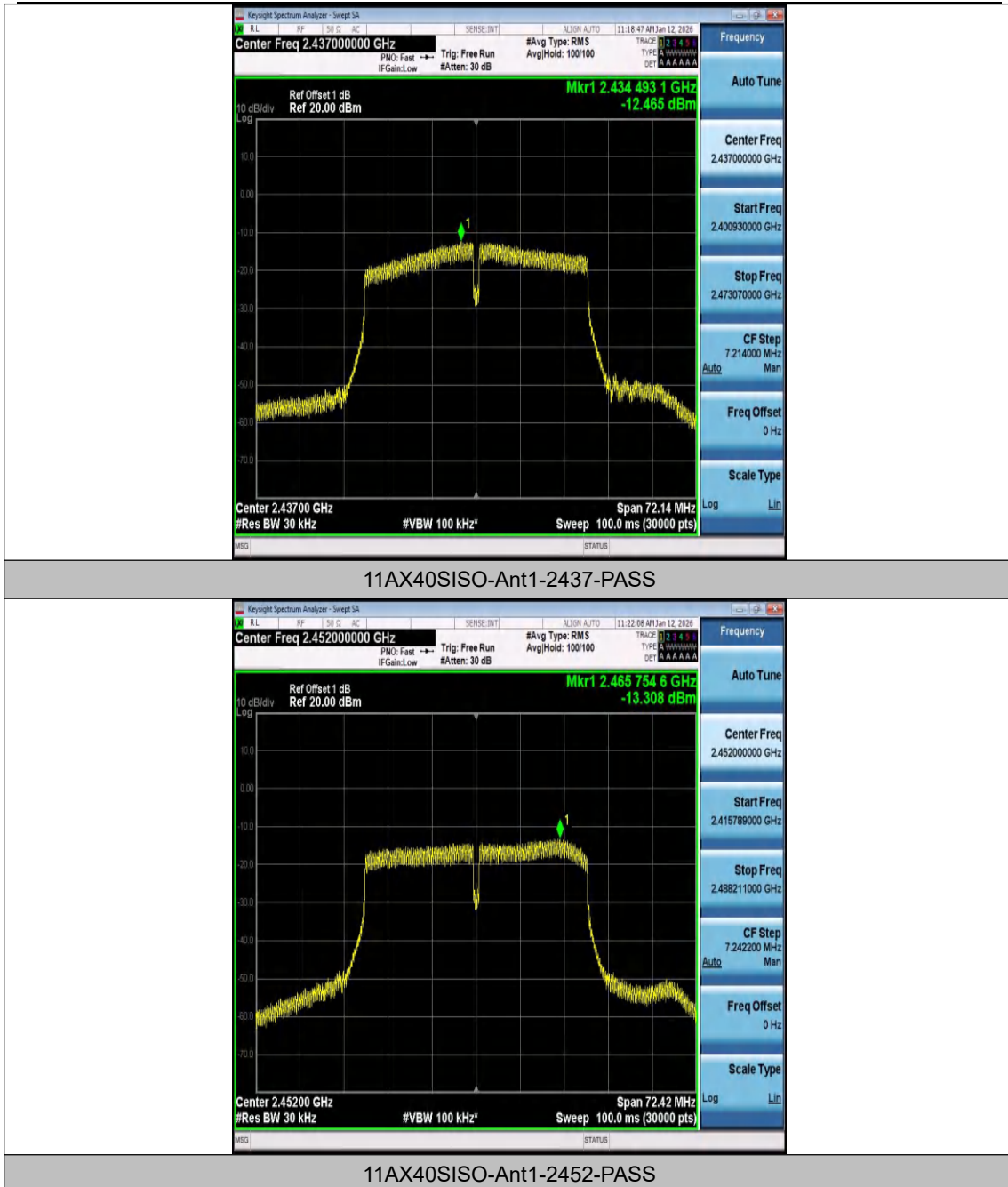
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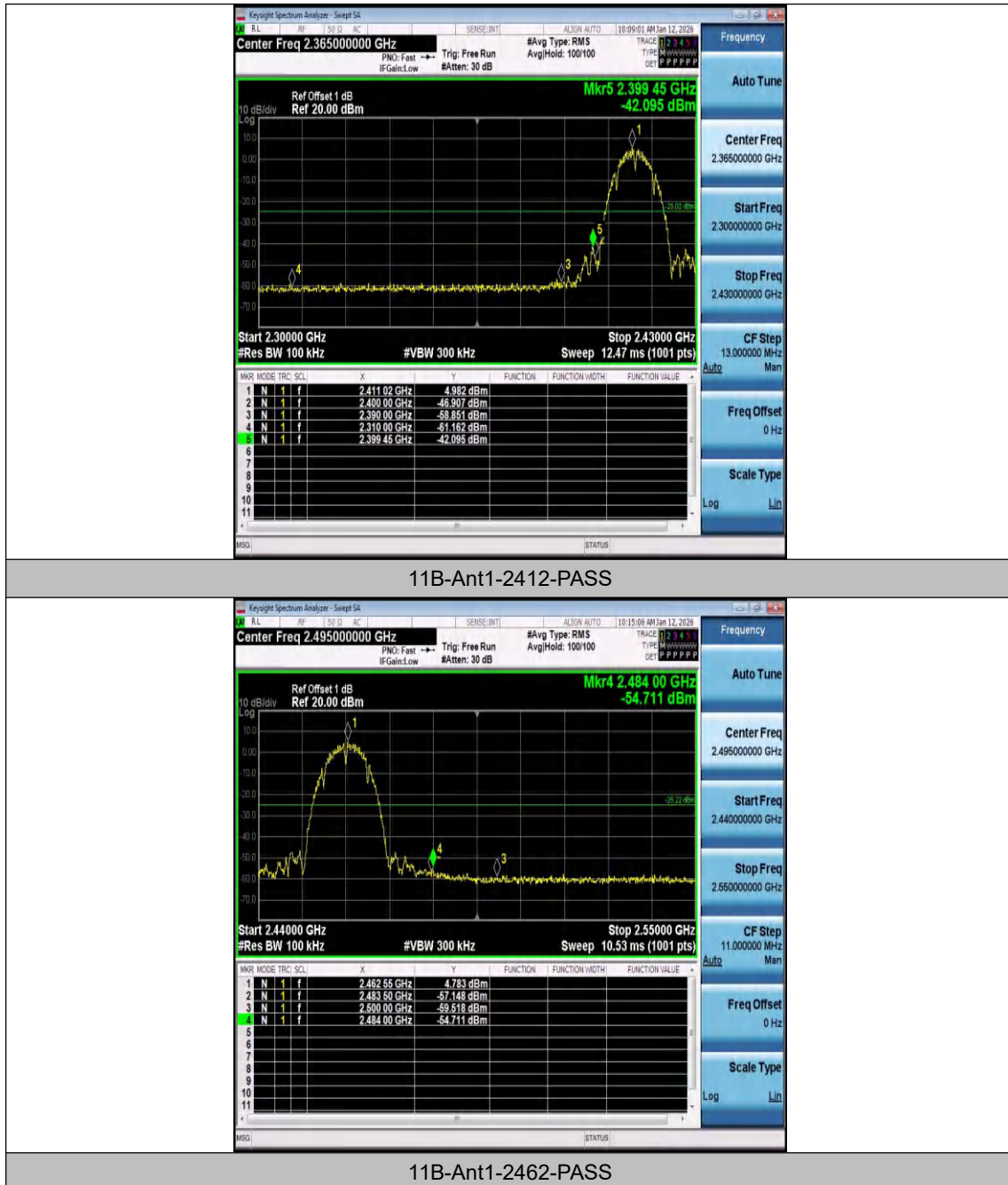
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Appendix E: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.98	-42.1	≤-25.02	PASS
11B	Ant1	High	2462	4.78	-54.71	≤-25.22	PASS
11G	Ant1	Low	2412	0.58	-29.5	≤-29.42	PASS
11G	Ant1	High	2462	0.09	-40.69	≤-29.92	PASS
11N20SISO	Ant1	Low	2412	0.49	-30.37	≤-29.51	PASS
11N20SISO	Ant1	High	2462	-0.74	-39.51	≤-30.74	PASS
11N40SISO	Ant1	Low	2422	-2.27	-35.88	≤-32.27	PASS
11N40SISO	Ant1	High	2452	-2.51	-36.86	≤-32.51	PASS
11AX20SISO	Ant1	Low	2412	-0.12	-31.3	≤-30.12	PASS
11AX20SISO	Ant1	High	2462	0.10	-40.41	≤-29.91	PASS
11AX40SISO	Ant1	Low	2422	-3.12	-33.22	≤-33.12	PASS
11AX40SISO	Ant1	High	2452	-2.61	-37.32	≤-32.61	PASS

Test Graphs



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