

Appendix Test Data

Report No.:	1814C60252912502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-8-31	Finish Test Date:	2026-10-10
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	24°C	Relative Humidity:	52%
Pressure:	100.6kPa		

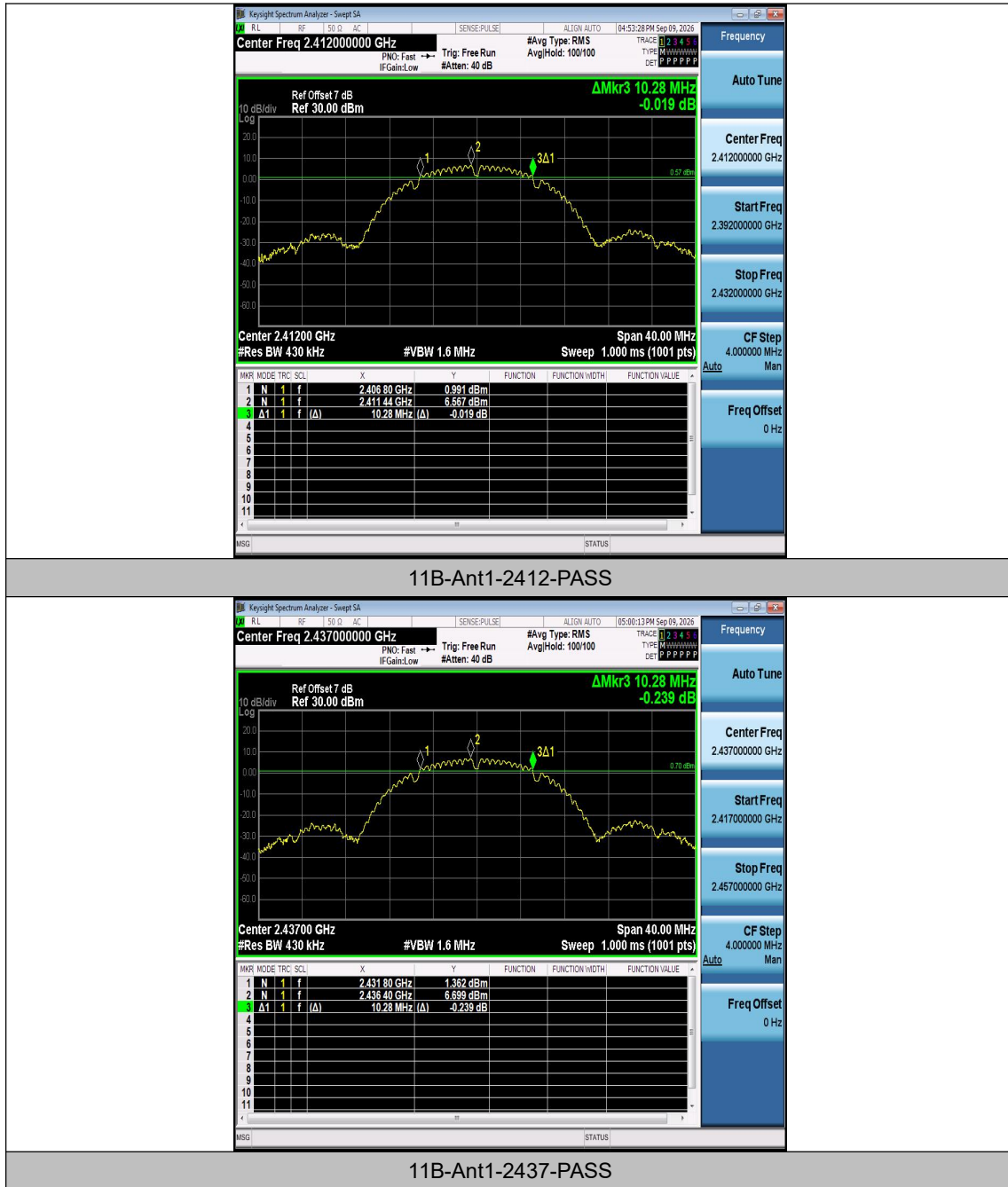


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.280	2406.800	2417.080	0.5	PASS
11B	Ant1	2437	10.280	2431.800	2442.080	0.5	PASS
11B	Ant1	2462	10.320	2456.760	2467.080	0.5	PASS
11G	Ant1	2412	16.480	2403.720	2420.200	0.5	PASS
11G	Ant1	2437	16.440	2428.680	2445.120	0.5	PASS
11G	Ant1	2462	16.440	2453.720	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.400	2403.320	2420.720	0.5	PASS
11N20SISO	Ant1	2437	17.520	2428.160	2445.680	0.5	PASS
11N20SISO	Ant1	2462	17.600	2453.120	2470.720	0.5	PASS

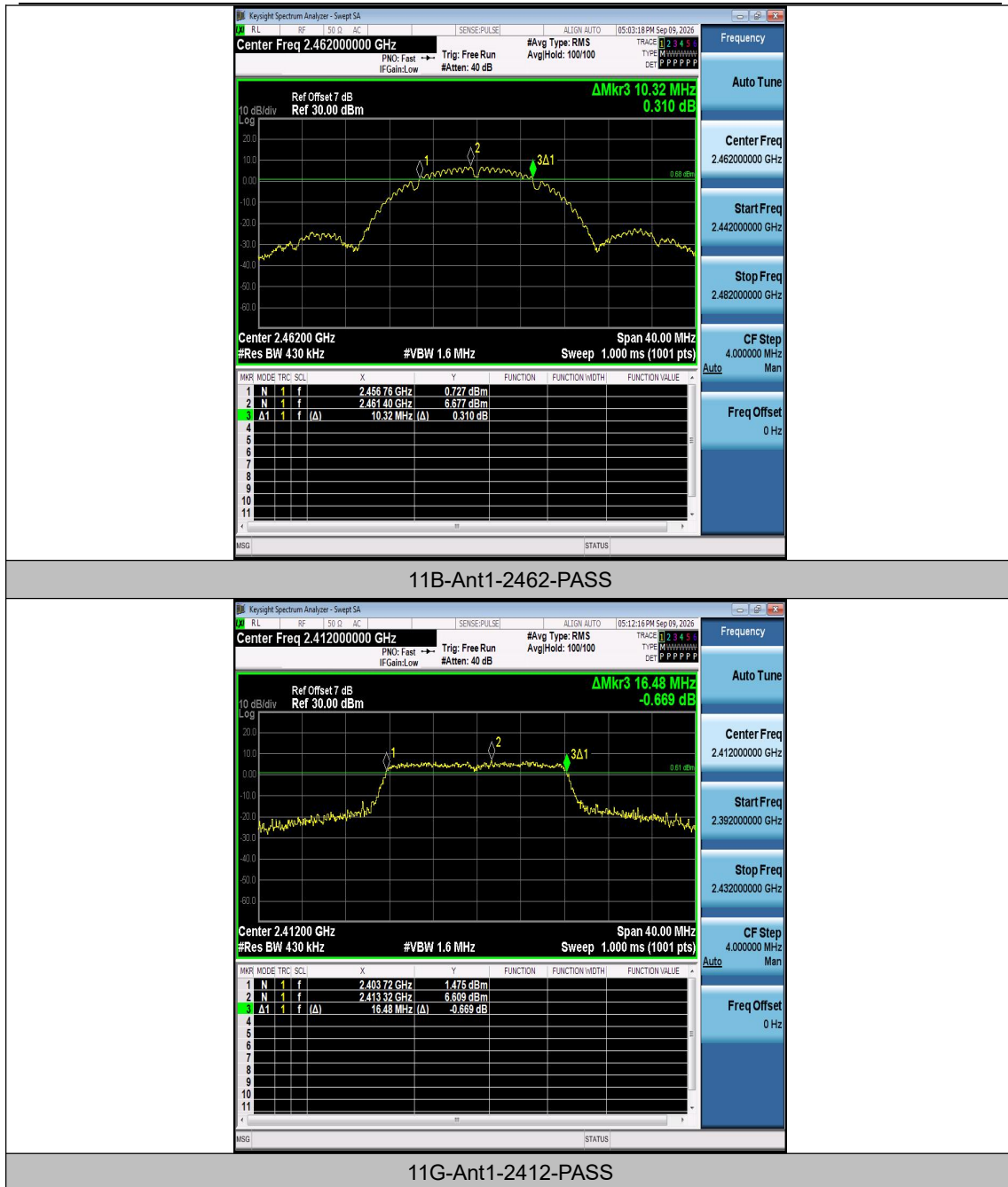
Test Graphs



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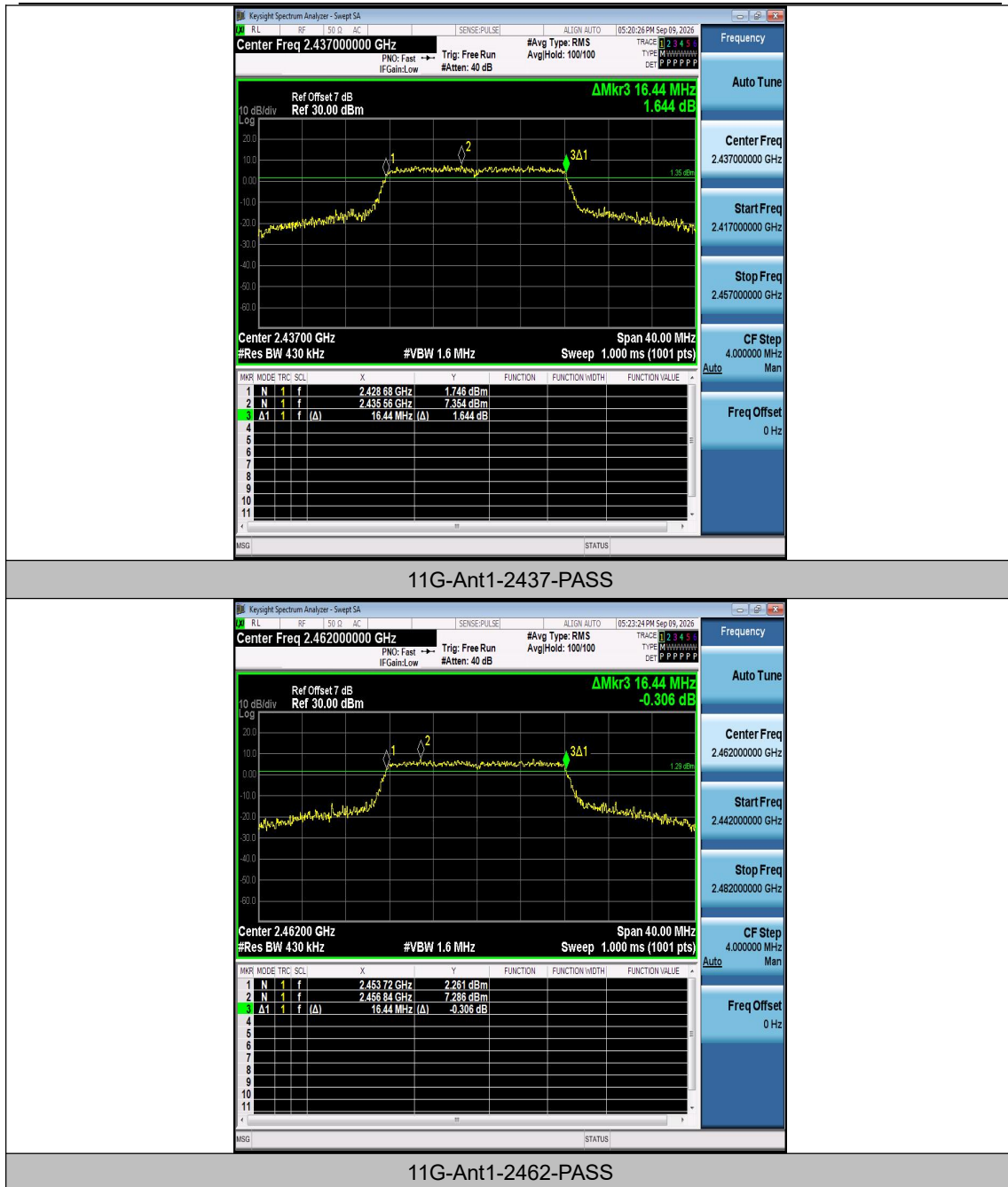
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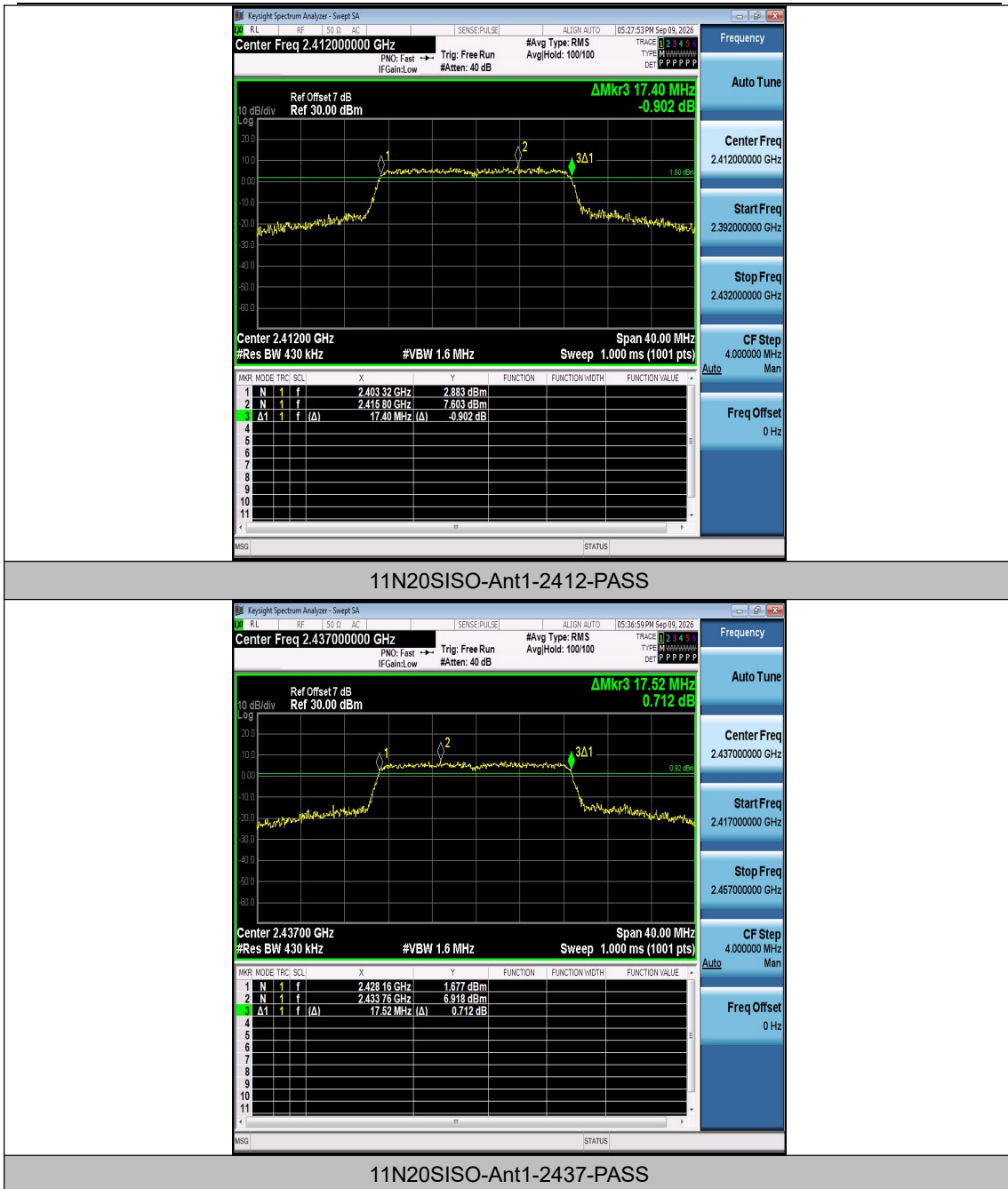
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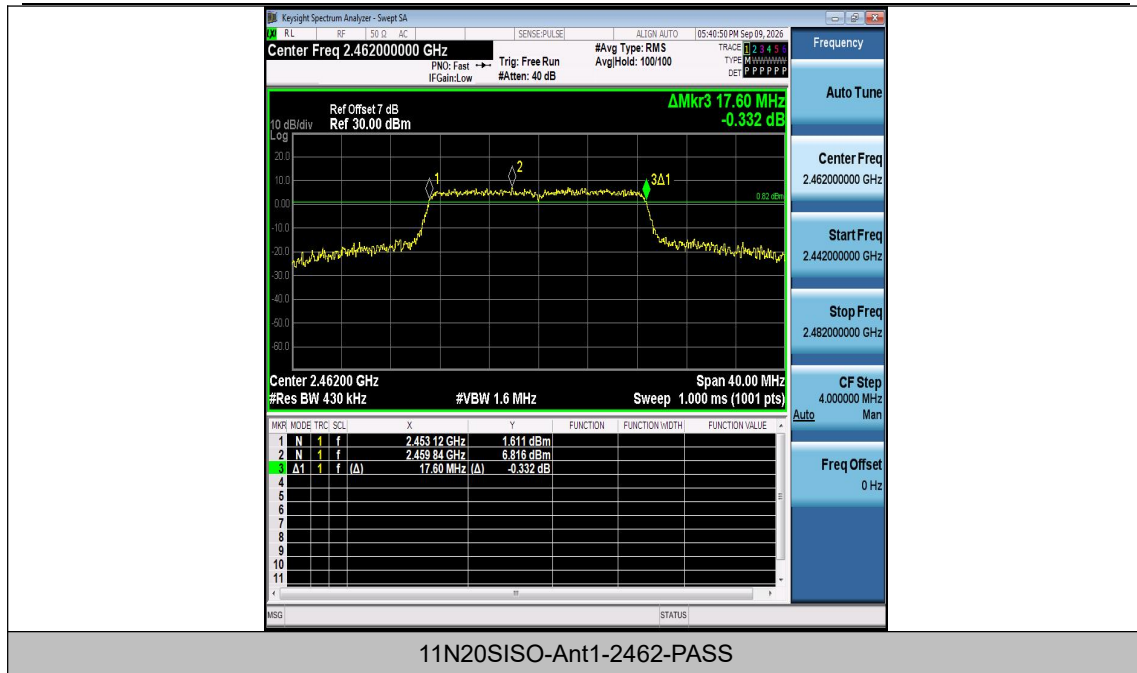
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	15.268	2404.3530	2419.6210	---	---
11B	Ant1	2437	15.423	2429.2742	2444.6972	---	---
11B	Ant1	2462	15.463	2454.2351	2469.6981	---	---
11G	Ant1	2412	17.298	2403.3699	2420.6679	---	---
11G	Ant1	2437	17.516	2428.3231	2445.8391	---	---
11G	Ant1	2462	17.347	2453.3107	2470.6577	---	---
11N20SISO	Ant1	2412	18.163	2402.9223	2421.0853	---	---
11N20SISO	Ant1	2437	18.176	2427.9188	2446.0948	---	---
11N20SISO	Ant1	2462	18.037	2452.9554	2470.9924	---	---

Test Graphs



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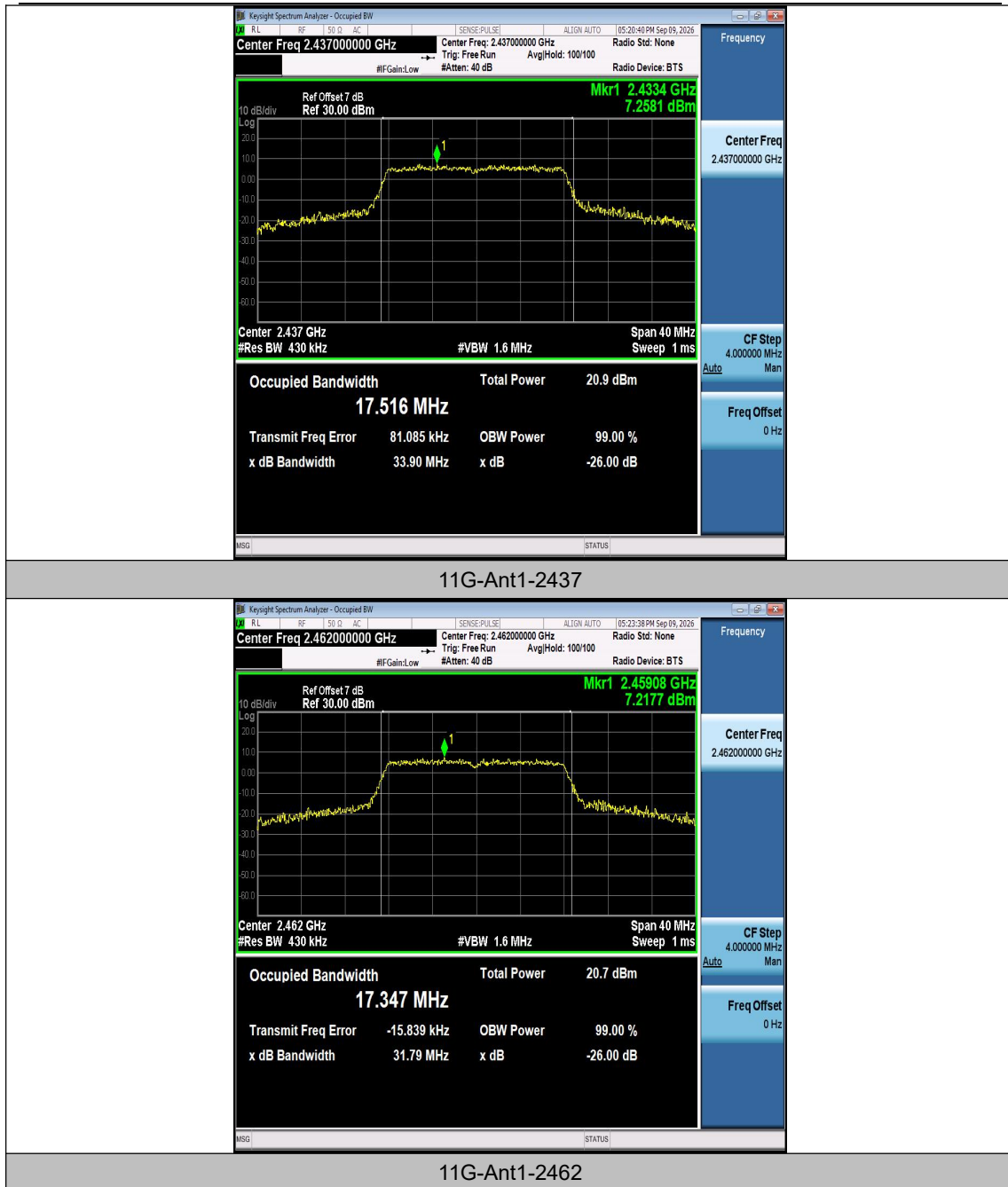
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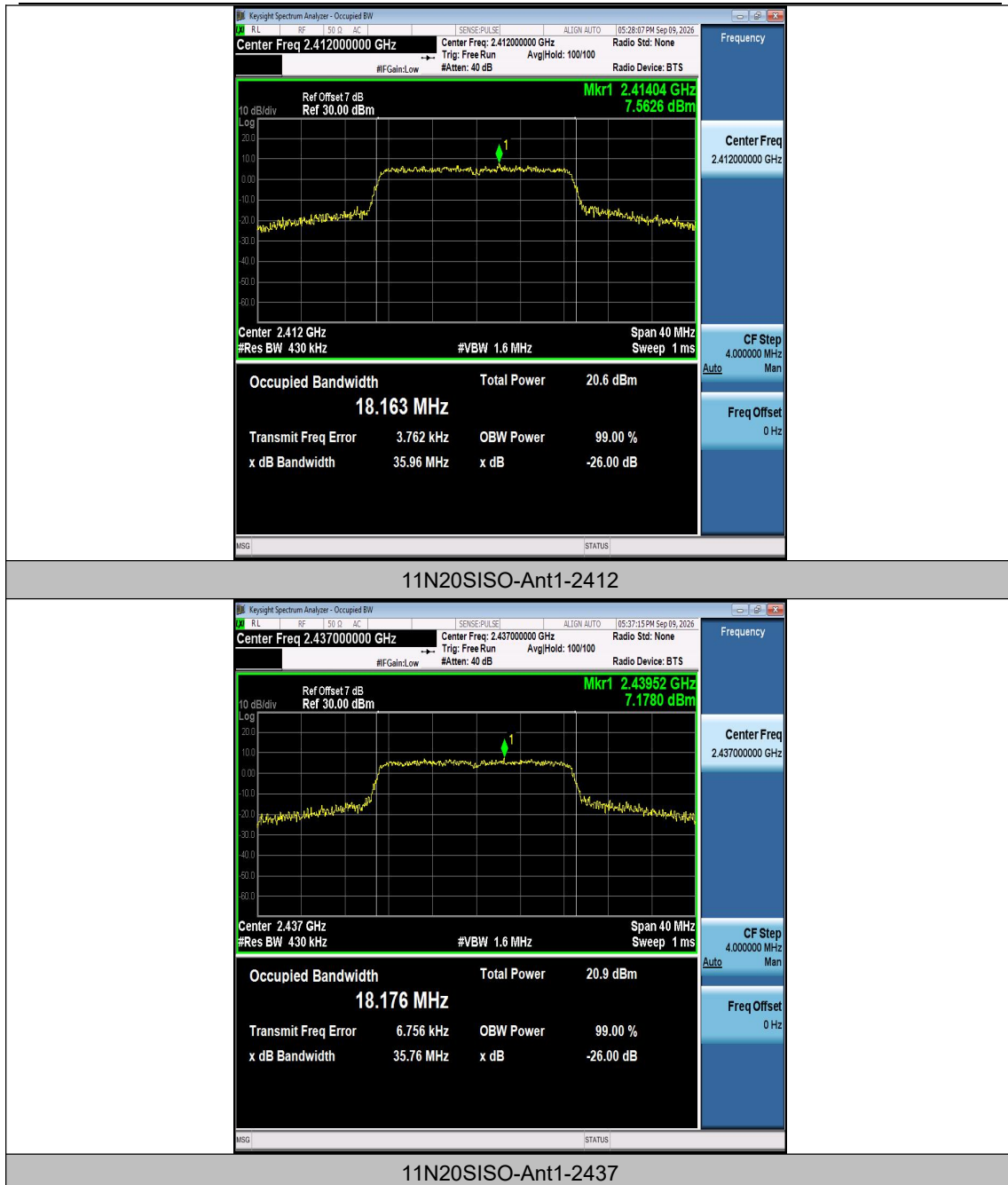
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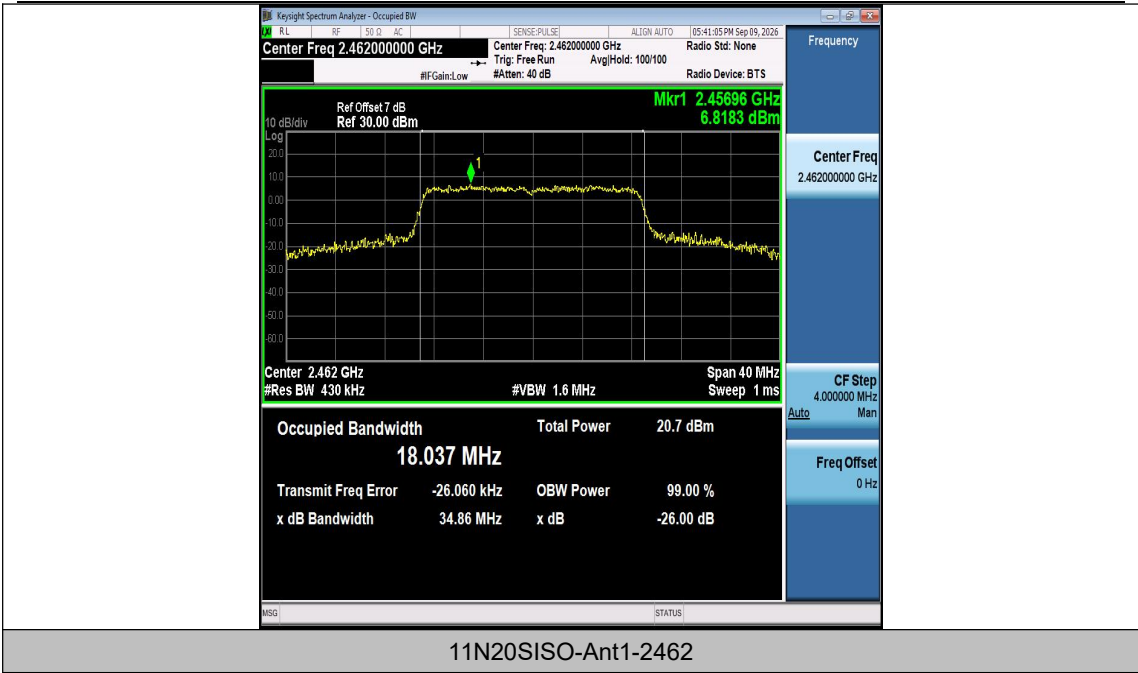
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Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	15.44	≤30.00	PASS
11B	Ant1	2437	15.20	≤30.00	PASS
11B	Ant1	2462	15.50	≤30.00	PASS
11G	Ant1	2412	14.46	≤30.00	PASS
11G	Ant1	2437	14.65	≤30.00	PASS
11G	Ant1	2462	14.45	≤30.00	PASS
11N20SISO	Ant1	2412	14.41	≤30.00	PASS
11N20SISO	Ant1	2437	14.64	≤30.00	PASS
11N20SISO	Ant1	2462	14.47	≤30.00	PASS

Note: The cable loss is compensated in the graph.

Test Graphs Average



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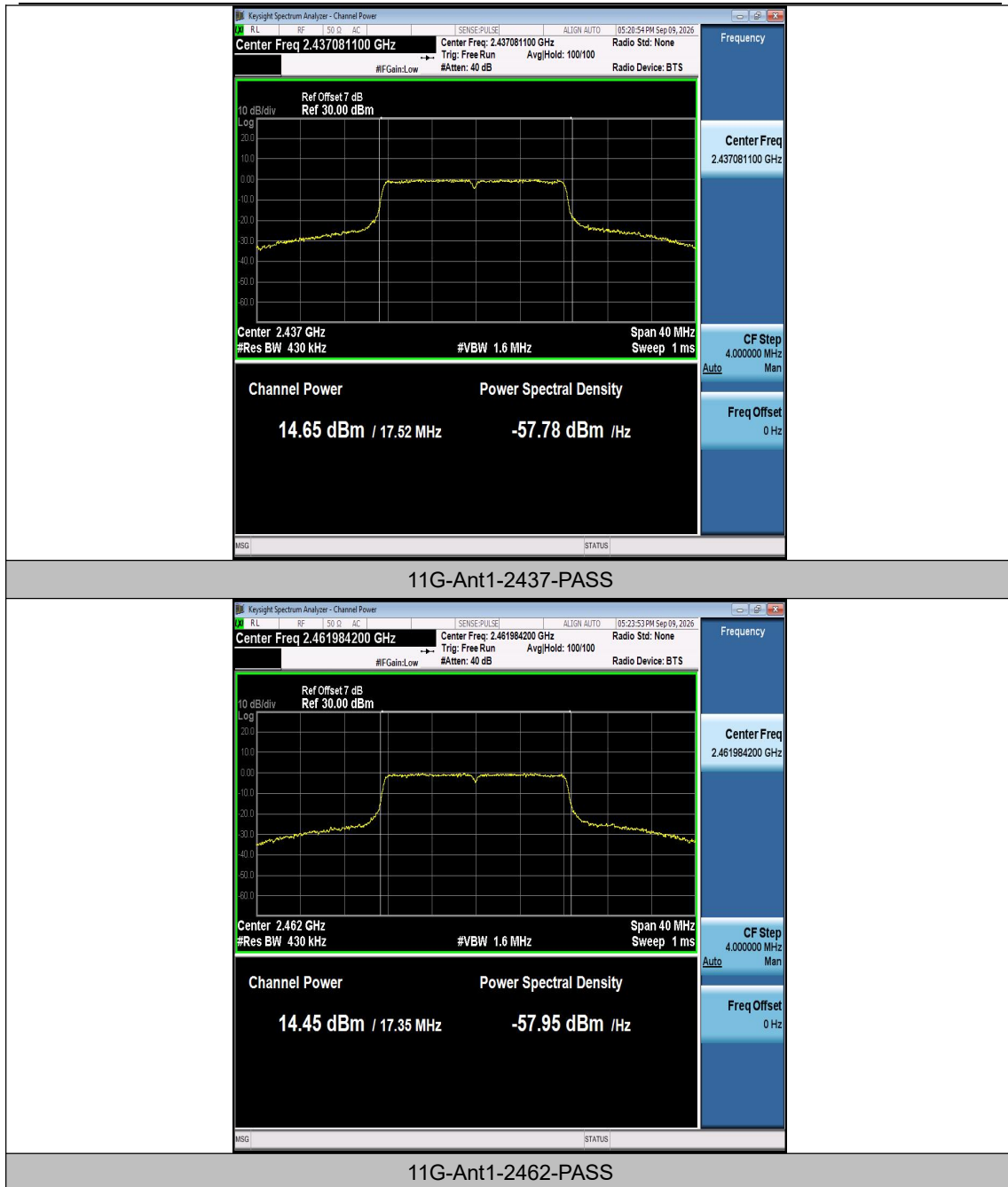
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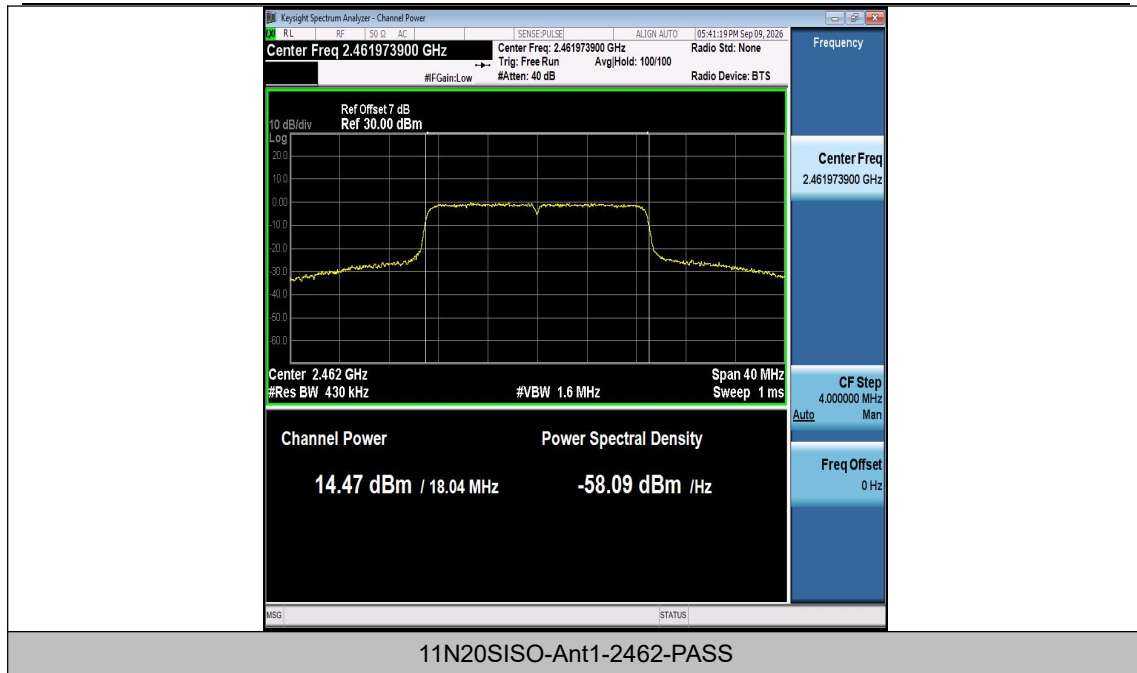
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Appendix D: Maximum power spectral density

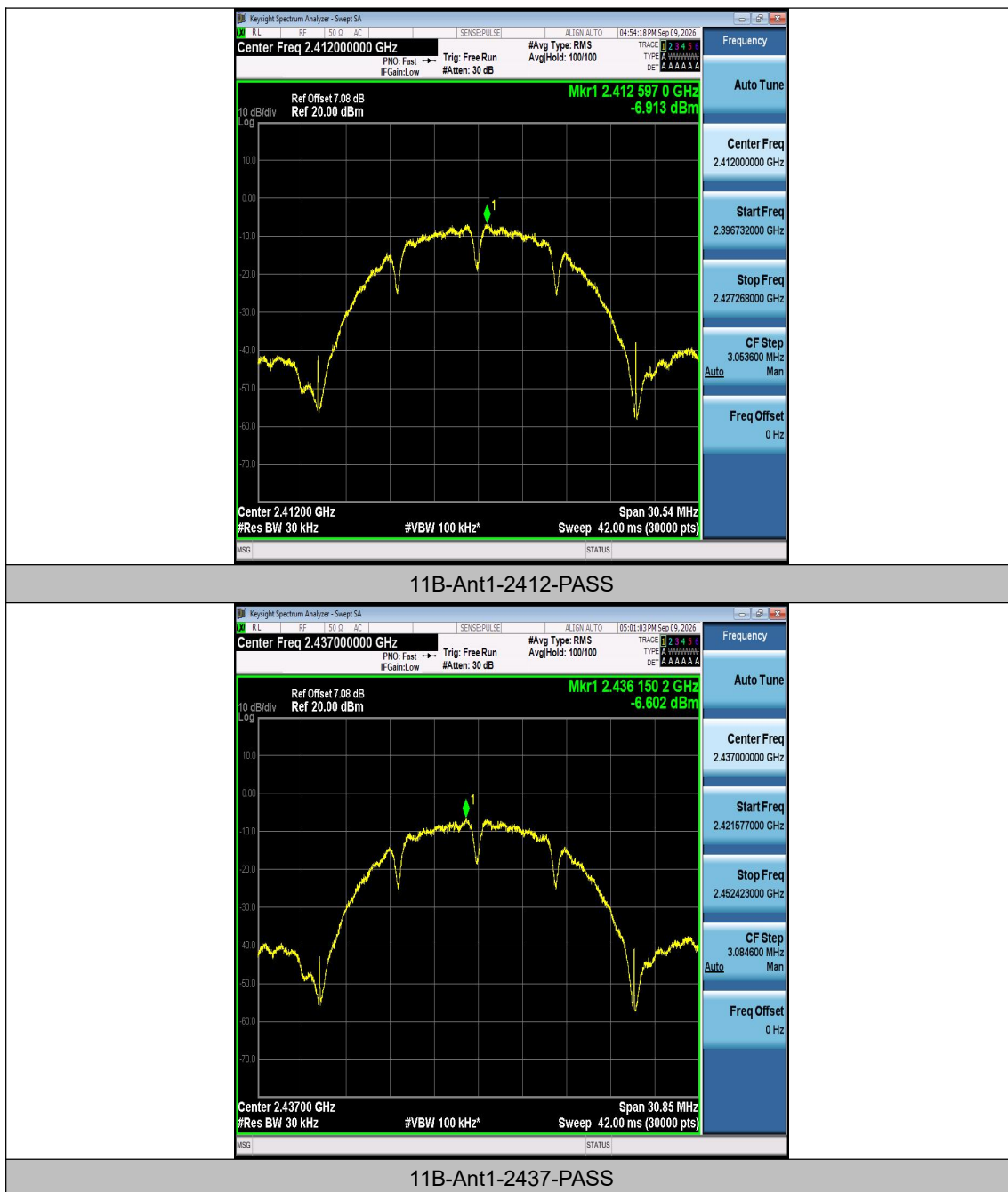
Test Result

Test Mode	Antenna	Frequency [MHz]	Result[dBm/30kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-6.91	≤8.00	PASS
11B	Ant1	2437	-6.60	≤8.00	PASS
11B	Ant1	2462	-6.62	≤8.00	PASS
11G	Ant1	2412	-9.71	≤8.00	PASS
11G	Ant1	2437	-9.39	≤8.00	PASS
11G	Ant1	2462	-9.80	≤8.00	PASS
11N20SIS O	Ant1	2412	-9.88	≤8.00	PASS
11N20SIS O	Ant1	2437	-9.57	≤8.00	PASS
11N20SIS O	Ant1	2462	-9.34	≤8.00	PASS

Note:

1. The Duty Cycle Factor($10 \cdot \log(1/D)$) and cable loss are compensated in the graph.

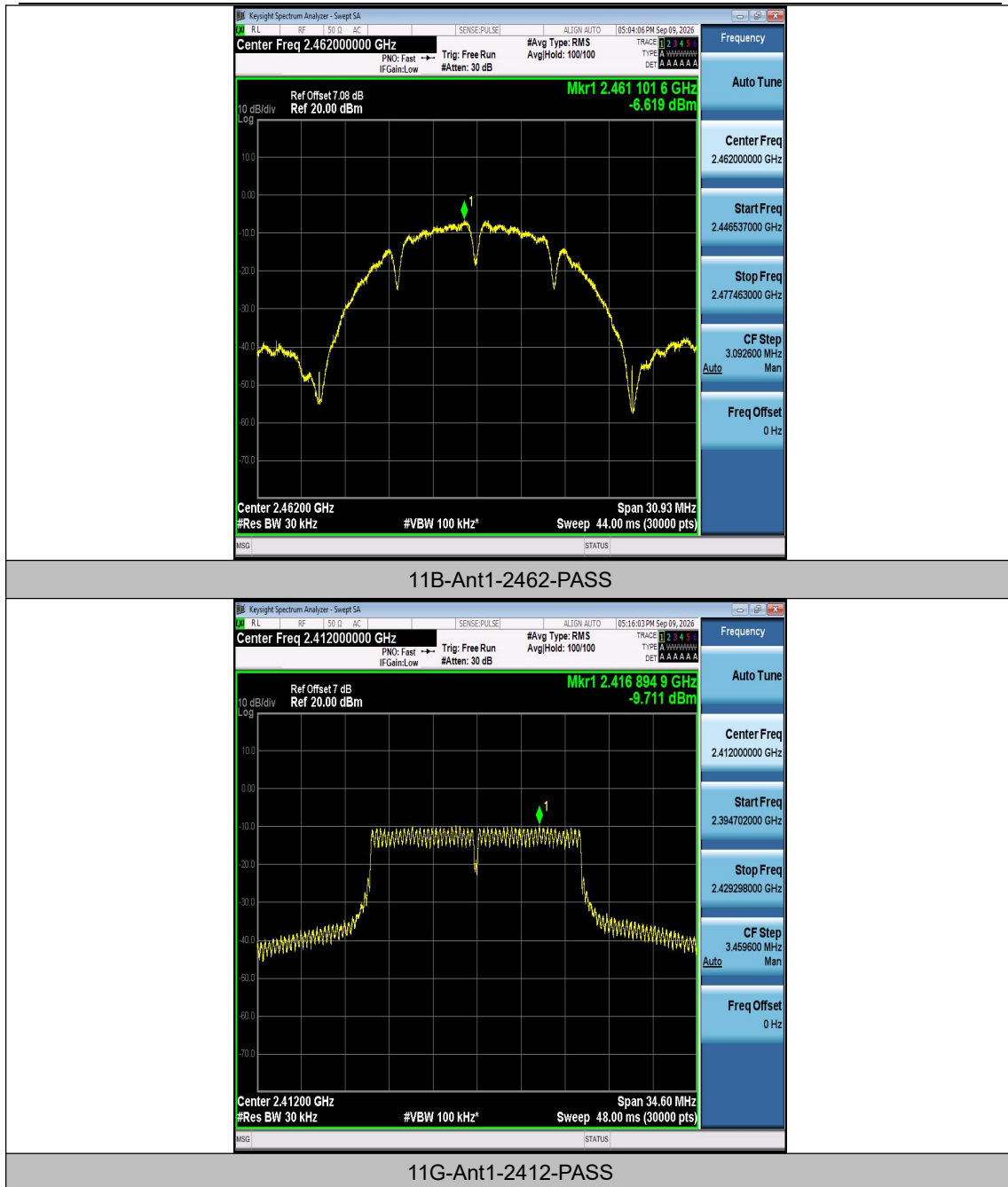
Test Graphs



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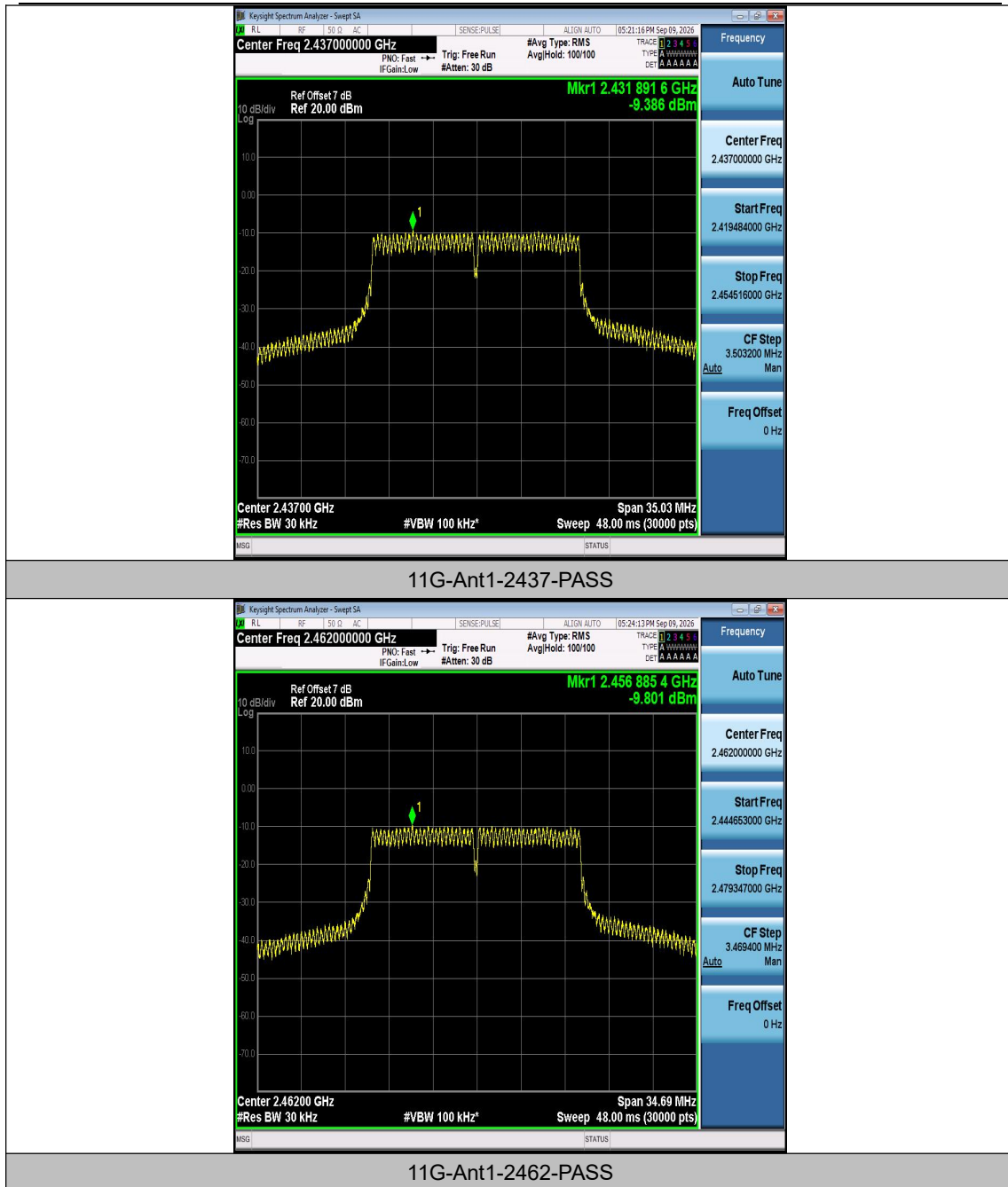
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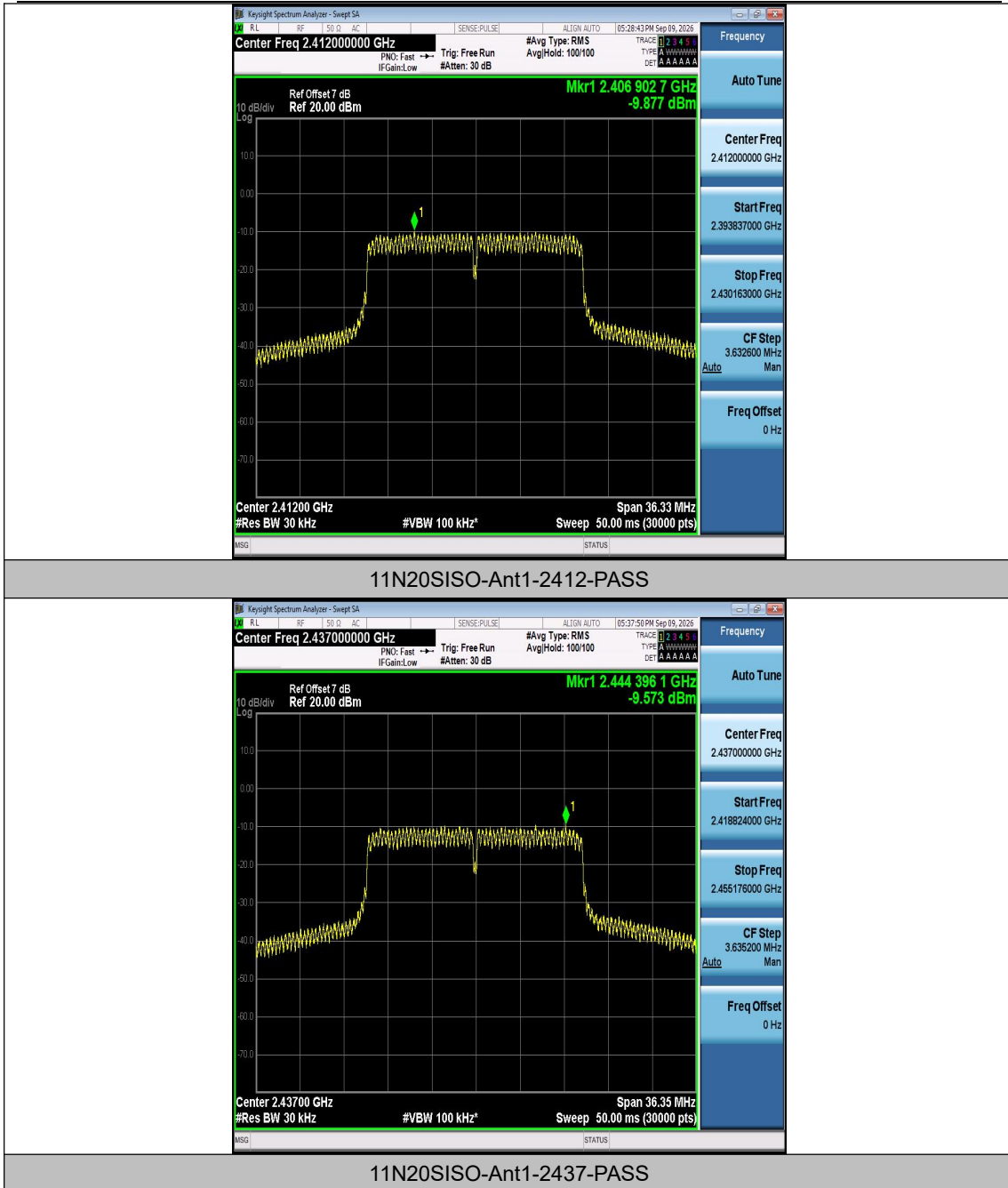
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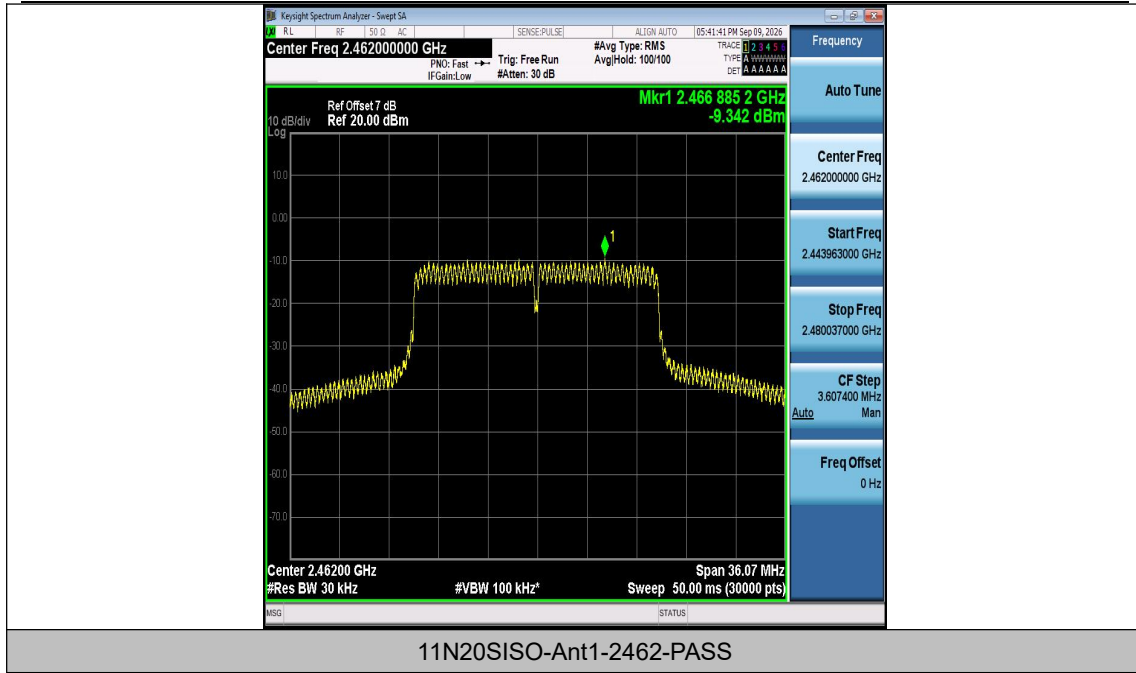
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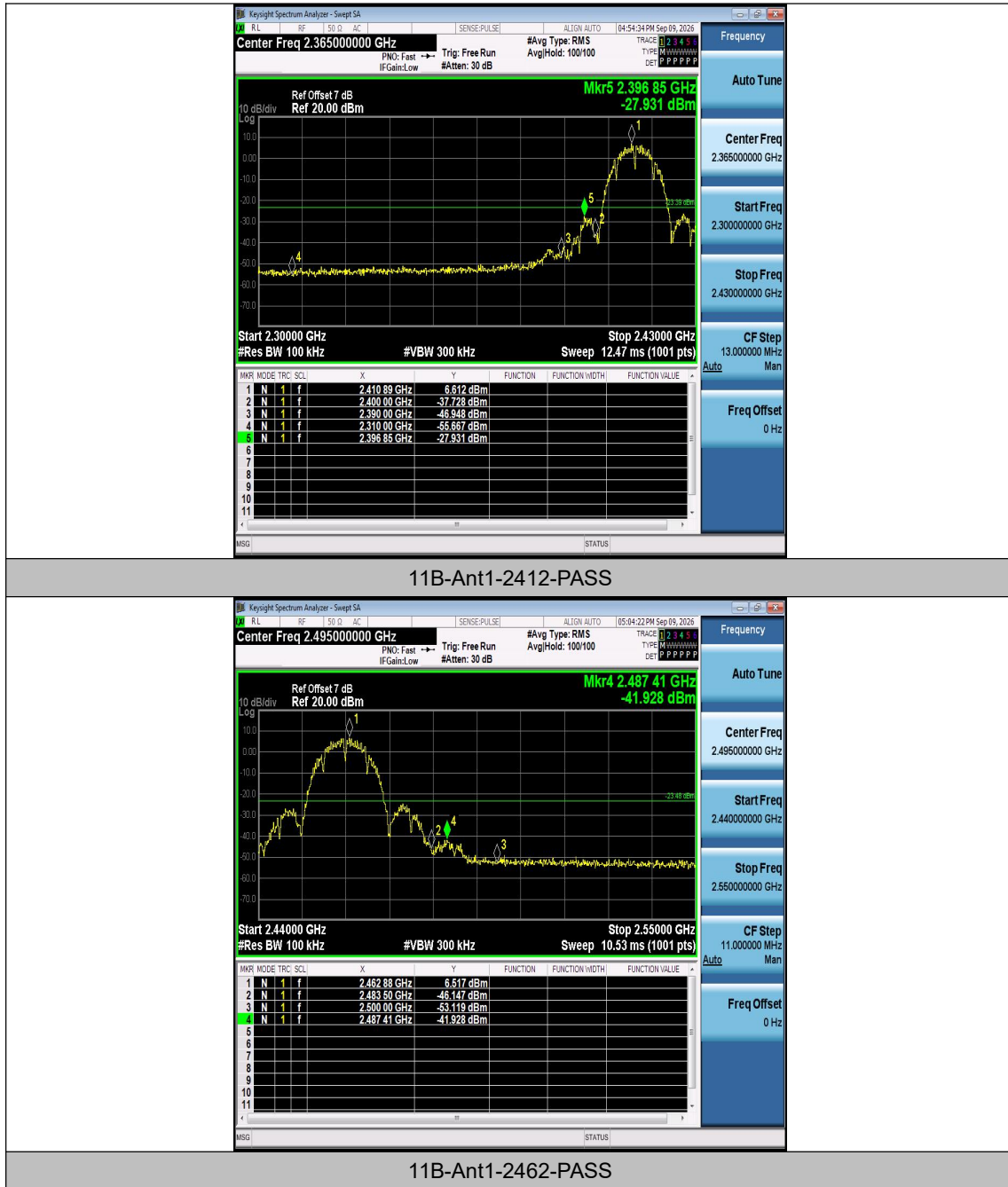
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Appendix E: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.61	-27.93	≤-23.39	PASS
11B	Ant1	High	2462	6.52	-41.93	≤-23.48	PASS
11G	Ant1	Low	2412	1.18	-30.46	≤-28.82	PASS
11G	Ant1	High	2462	3.57	-32.81	≤-26.43	PASS
11N20SISO	Ant1	Low	2412	0.54	-32.5	≤-29.46	PASS
11N20SISO	Ant1	High	2462	3.84	-31.09	≤-26.16	PASS

Test Graphs



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