

Appendix Test Data

Report No.:	1812C60050912502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-1-20	Finish Test Date:	2026-1-26
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	23.1°C	Relative Humidity:	45%
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	8.240	2407.920	2416.160	0.5	PASS
11B	Ant1	2437	8.240	2432.920	2441.160	0.5	PASS
11B	Ant1	2462	8.240	2457.920	2466.160	0.5	PASS
11G	Ant1	2412	16.040	2404.040	2420.080	0.5	PASS
11G	Ant1	2437	16.080	2428.960	2445.040	0.5	PASS
11G	Ant1	2462	16.200	2453.960	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.280	2403.440	2420.720	0.5	PASS
11N20SISO	Ant1	2437	16.920	2428.720	2445.640	0.5	PASS
11N20SISO	Ant1	2462	17.320	2453.400	2470.720	0.5	PASS

Test Graphs



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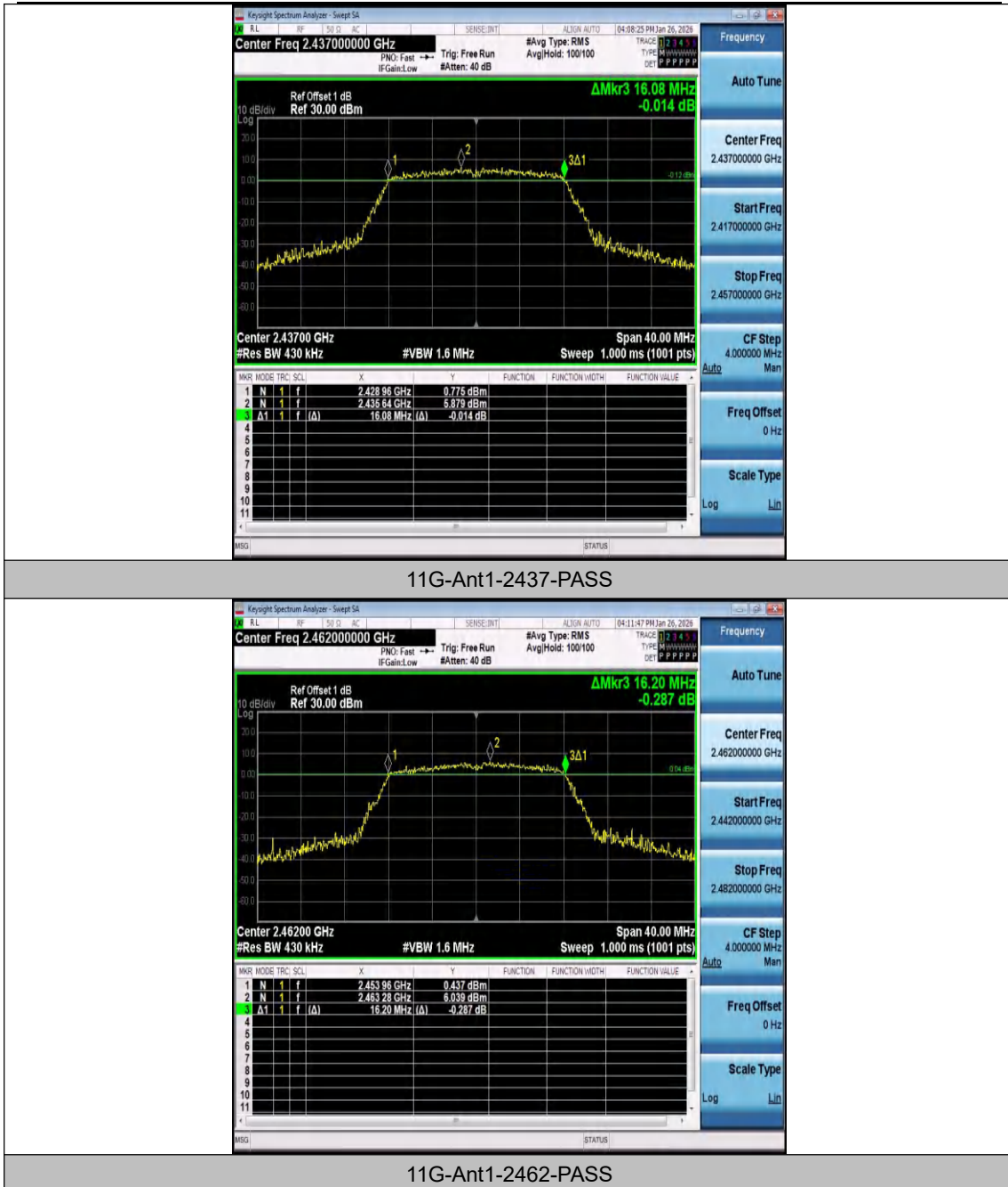
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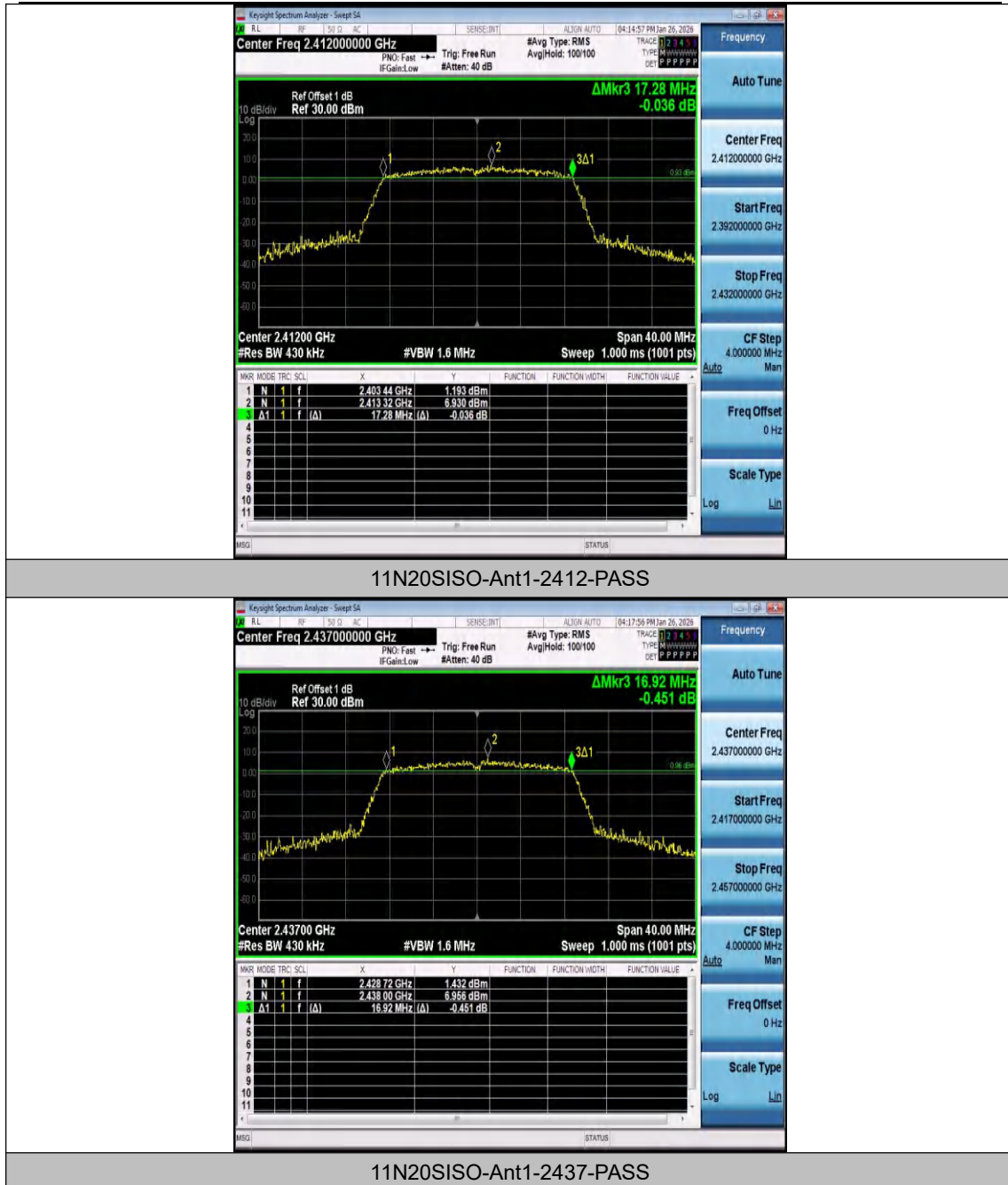
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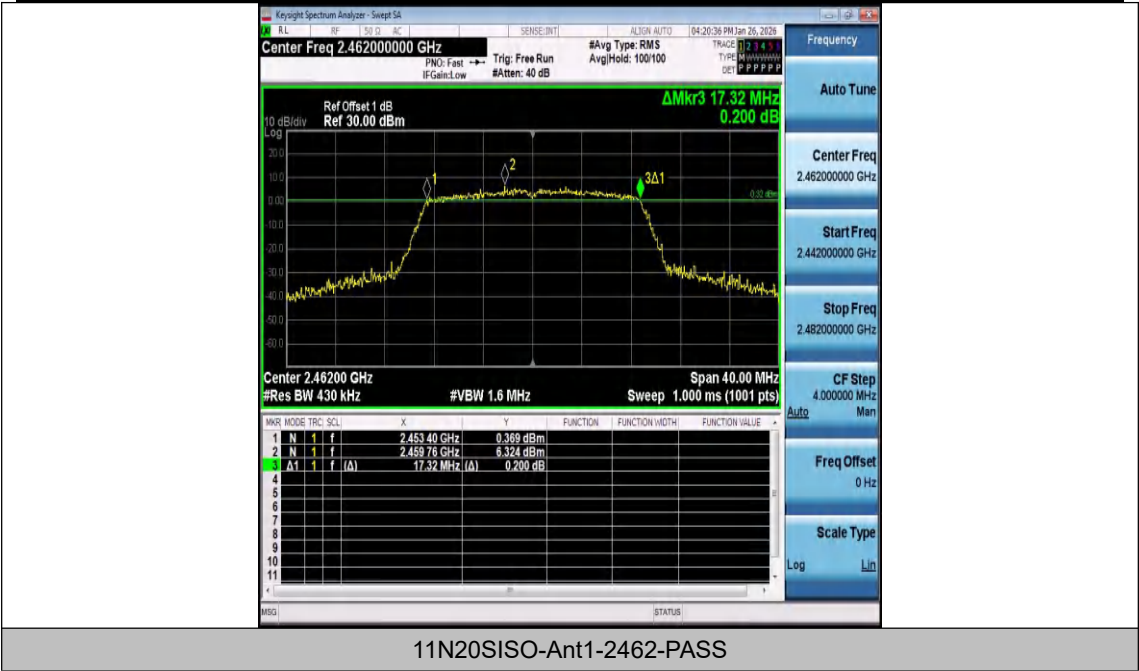
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11N20SISO-Ant1-2462-PASS

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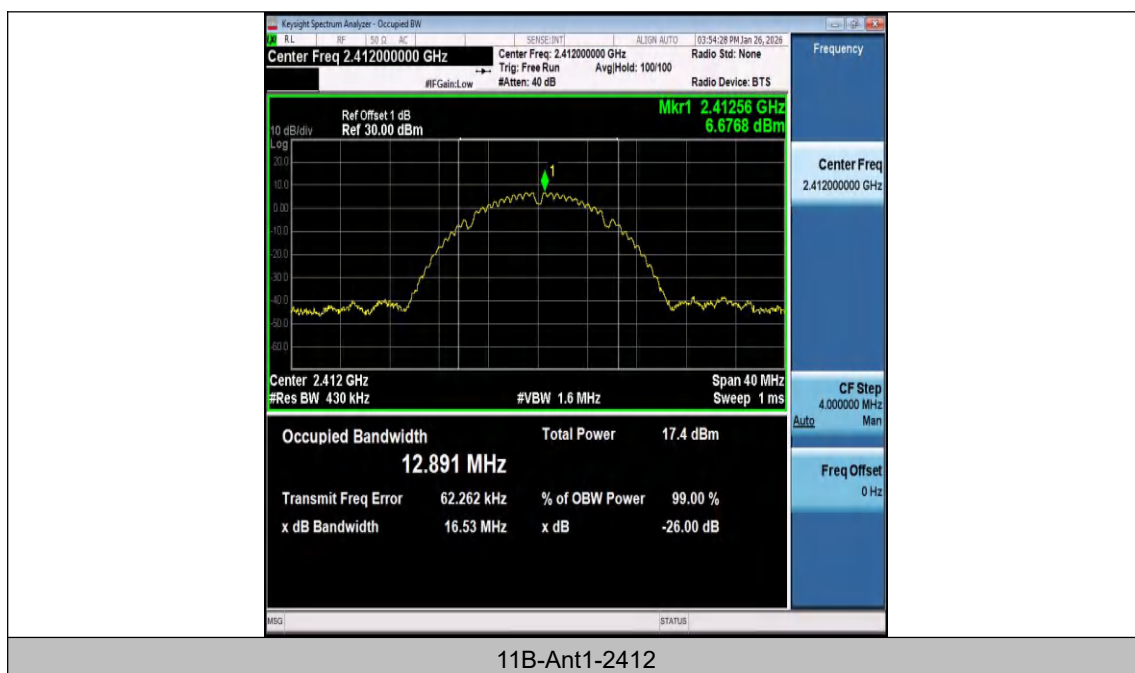
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.891	2405.6168	2418.5078	---	---
11B	Ant1	2437	12.806	2430.6914	2443.4974	---	---
11B	Ant1	2462	12.795	2455.7168	2468.5118	---	---
11G	Ant1	2412	16.864	2403.6473	2420.5113	---	---
11G	Ant1	2437	16.899	2428.6676	2445.5666	---	---
11G	Ant1	2462	16.828	2453.6873	2470.5153	---	---
11N20SISO	Ant1	2412	17.822	2403.1178	2420.9398	---	---
11N20SISO	Ant1	2437	17.818	2428.1662	2445.9842	---	---
11N20SISO	Ant1	2462	17.868	2453.1705	2471.0385	---	---

Test Graphs

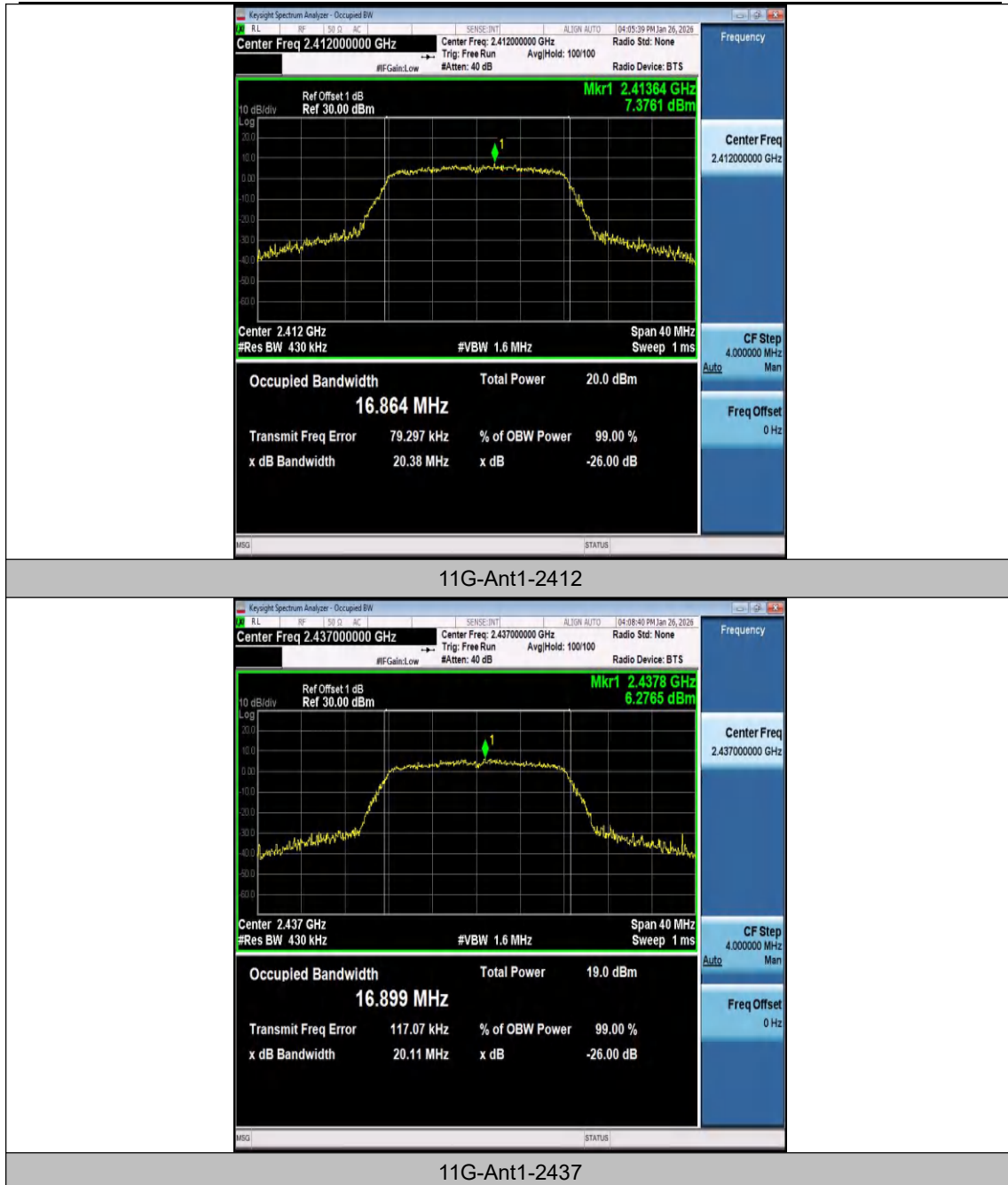




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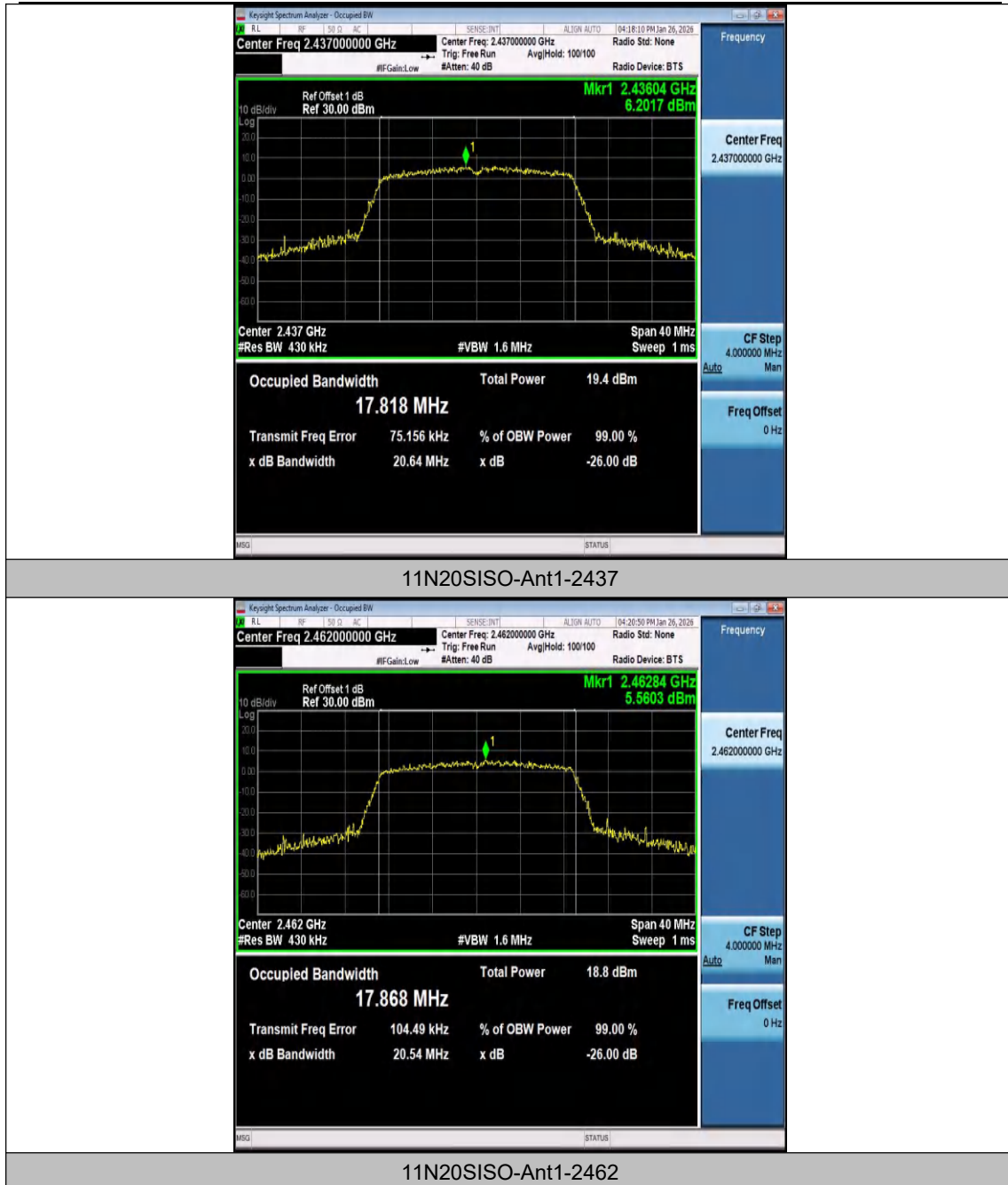
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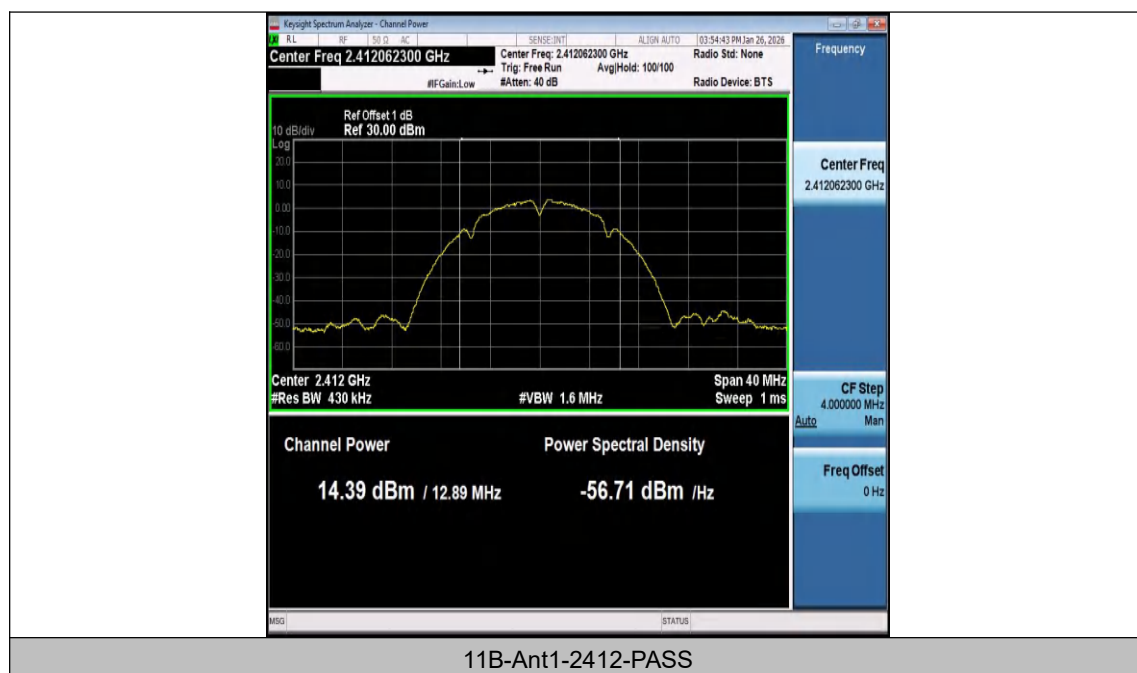
Appendix C: Maximum conducted output power

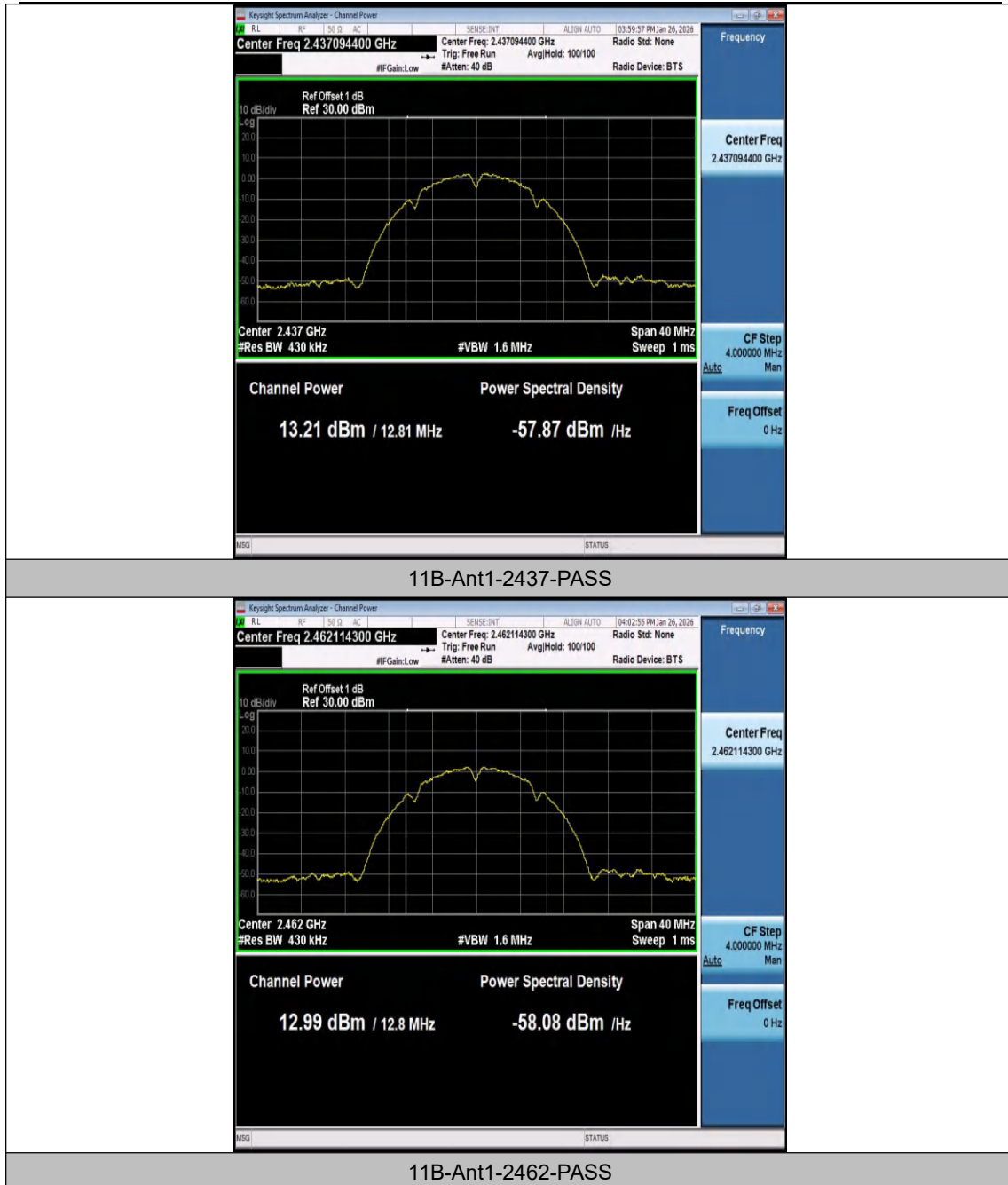
Test Result Average

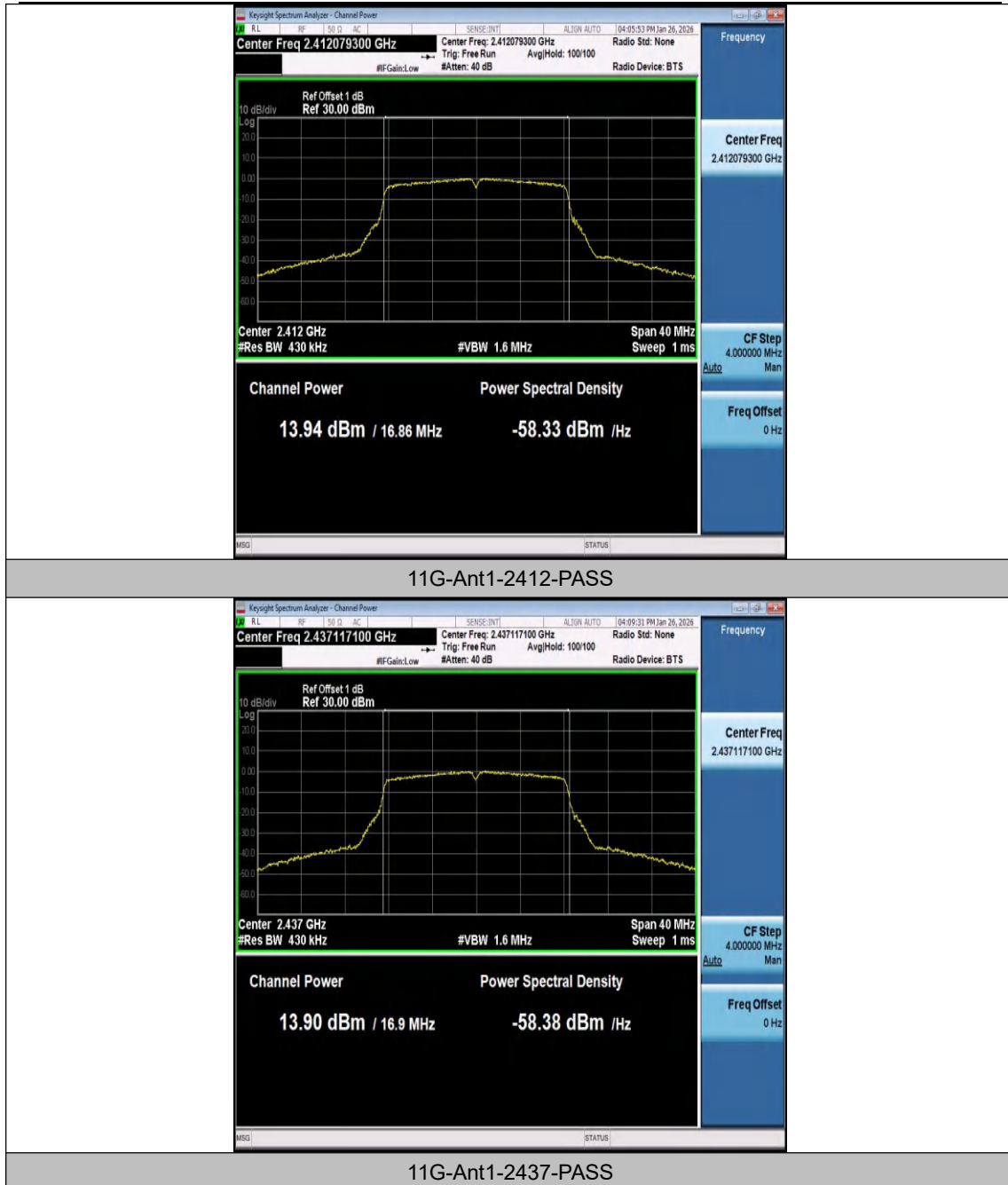
Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	14.39	≤30.00	PASS
11B	Ant1	2437	13.21	≤30.00	PASS
11B	Ant1	2462	12.99	≤30.00	PASS
11G	Ant1	2412	13.94	≤30.00	PASS
11G	Ant1	2437	13.90	≤30.00	PASS
11G	Ant1	2462	12.78	≤30.00	PASS
11N20SISO	Ant1	2412	13.80	≤30.00	PASS
11N20SISO	Ant1	2437	13.25	≤30.00	PASS
11N20SISO	Ant1	2462	12.69	≤30.00	PASS

Note: The cable loss are compensated in the graph.

Test Graphs Average



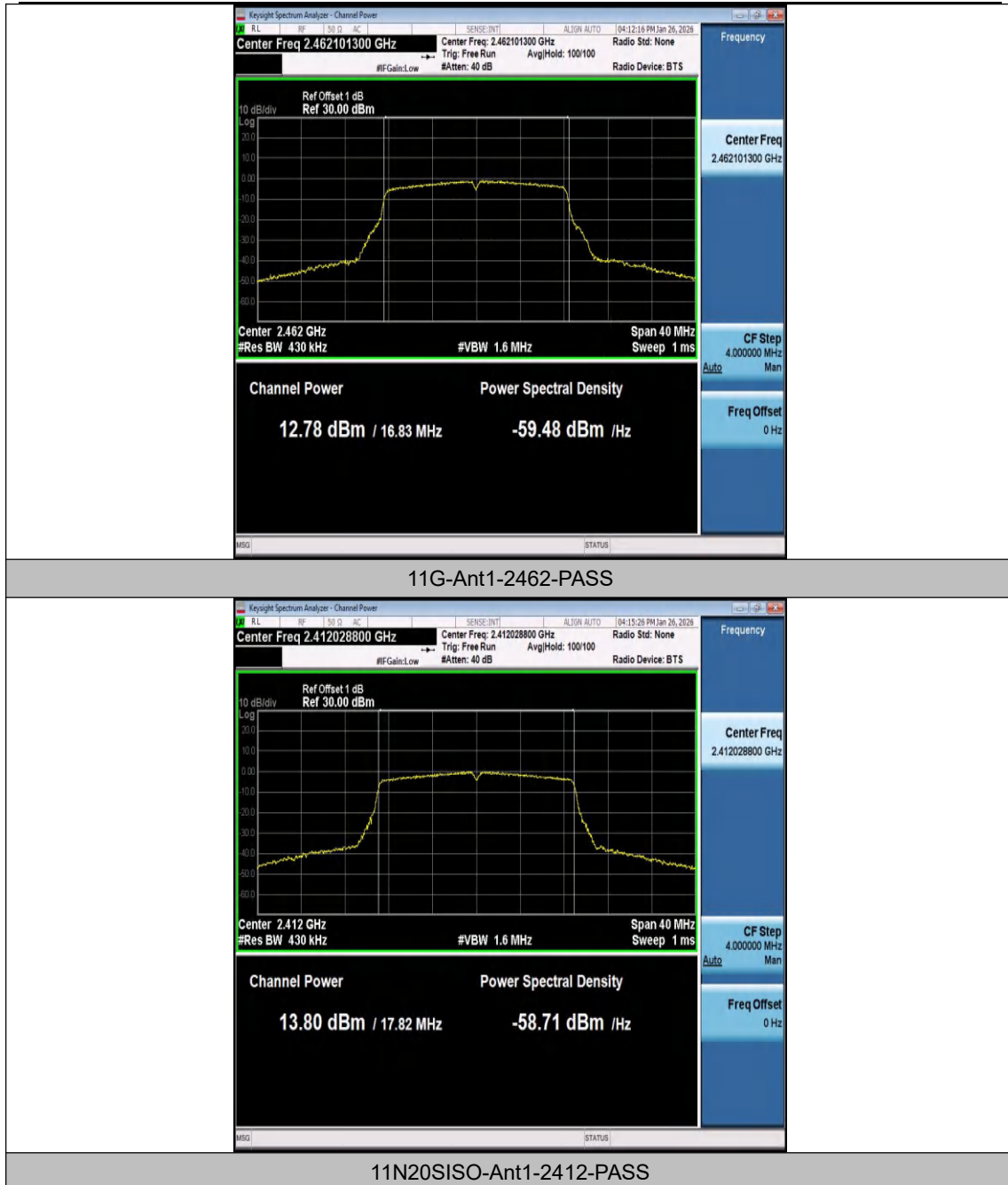




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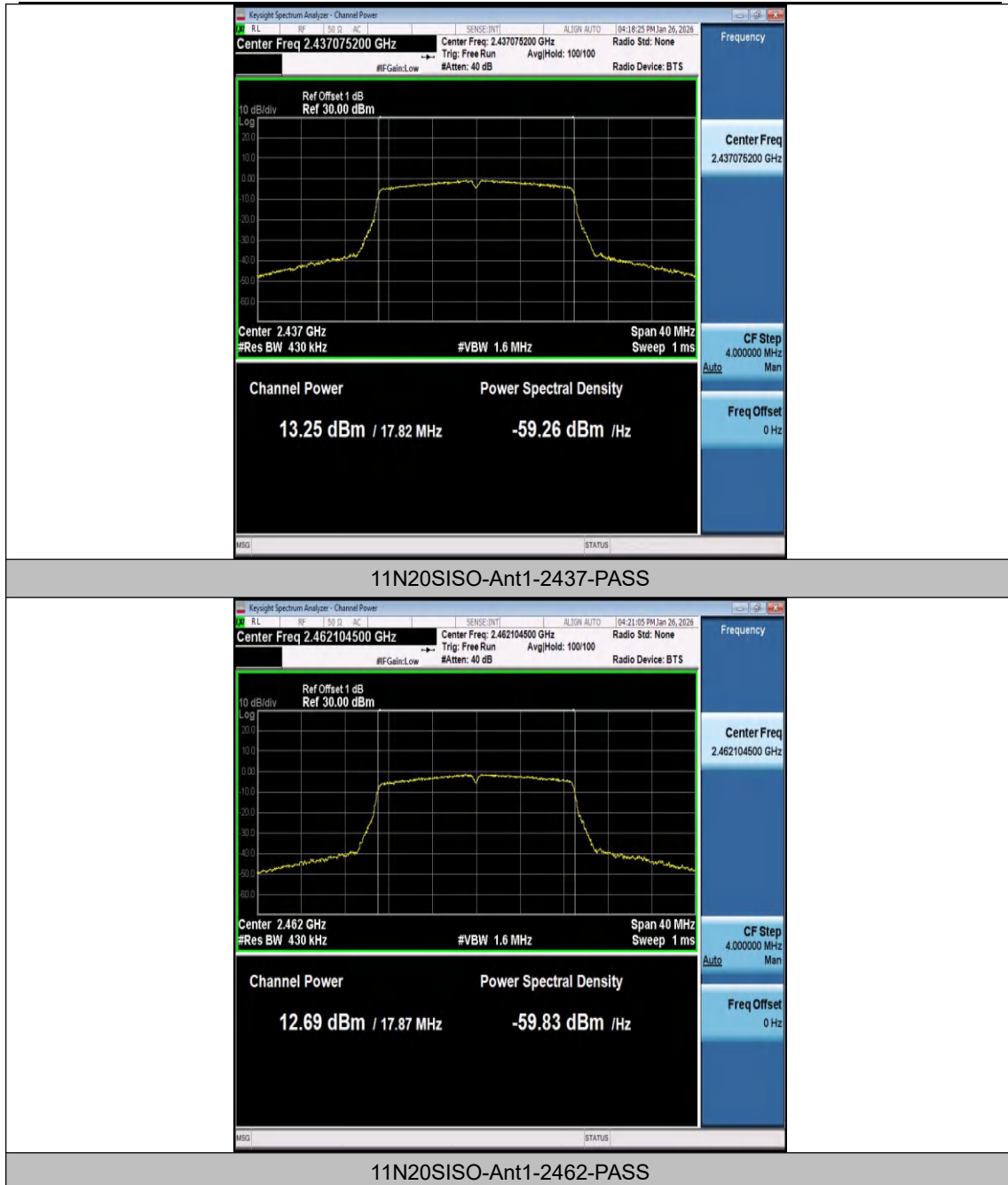
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Appendix D: Maximum power spectral density

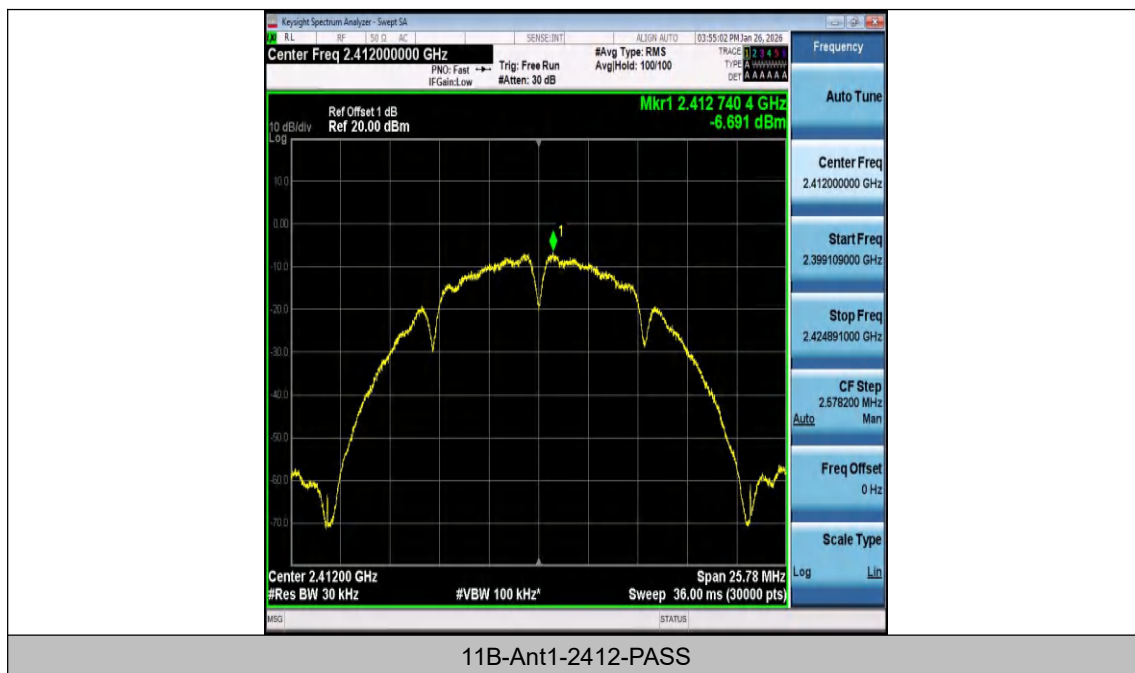
Test Result

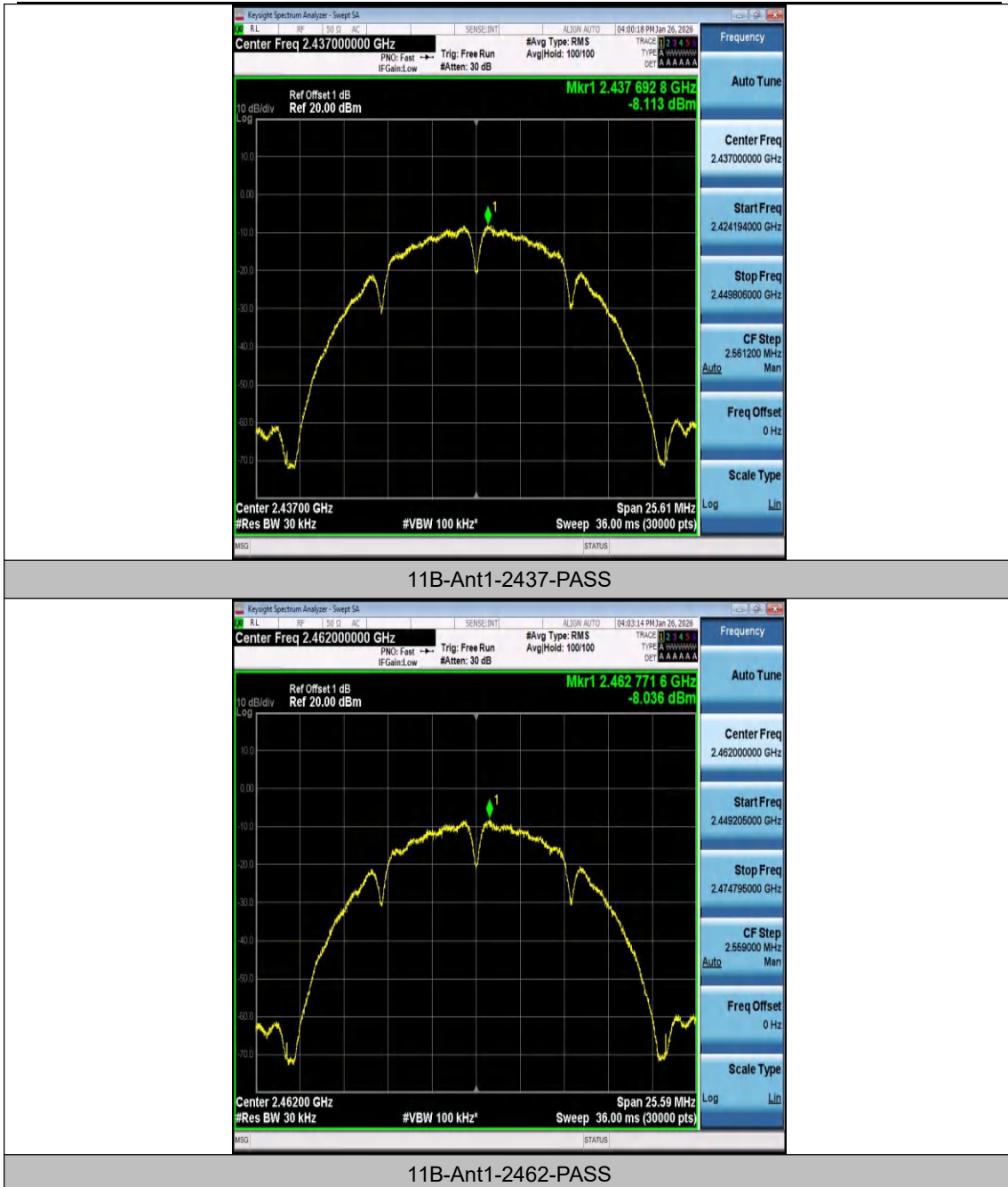
Test Mode	Antenna	Frequency[MHz]	Result[dBm/30kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-6.69	≤8.00	PASS
11B	Ant1	2437	-8.11	≤8.00	PASS
11B	Ant1	2462	-8.04	≤8.00	PASS
11G	Ant1	2412	-9.93	≤8.00	PASS
11G	Ant1	2437	-9.77	≤8.00	PASS
11G	Ant1	2462	-10.35	≤8.00	PASS
11N20SISO	Ant1	2412	-10.09	≤8.00	PASS
11N20SISO	Ant1	2437	-10.53	≤8.00	PASS
11N20SISO	Ant1	2462	-10.99	≤8.00	PASS

Note:

1. The cable loss are compensated in the graph.

Test Graphs

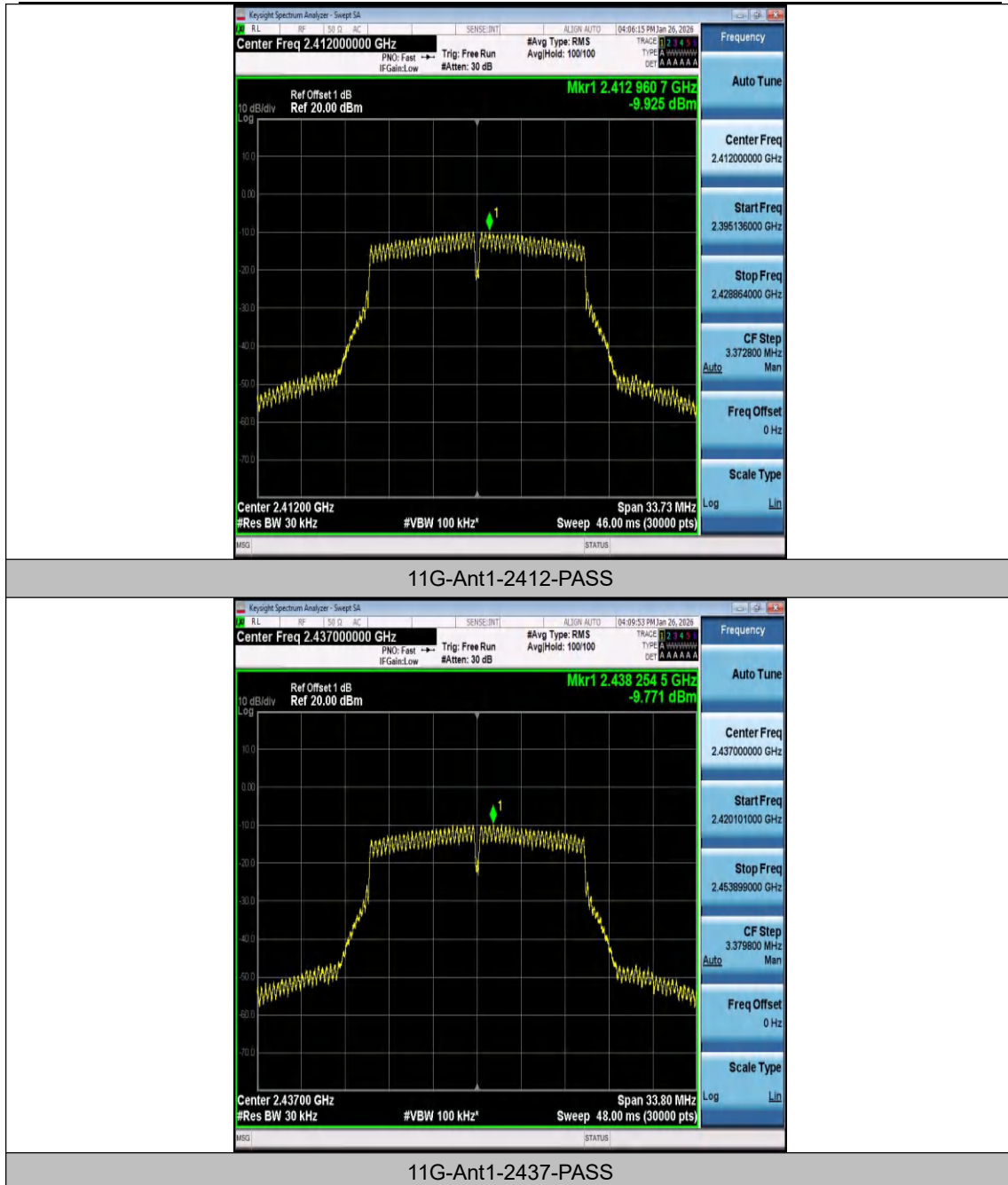




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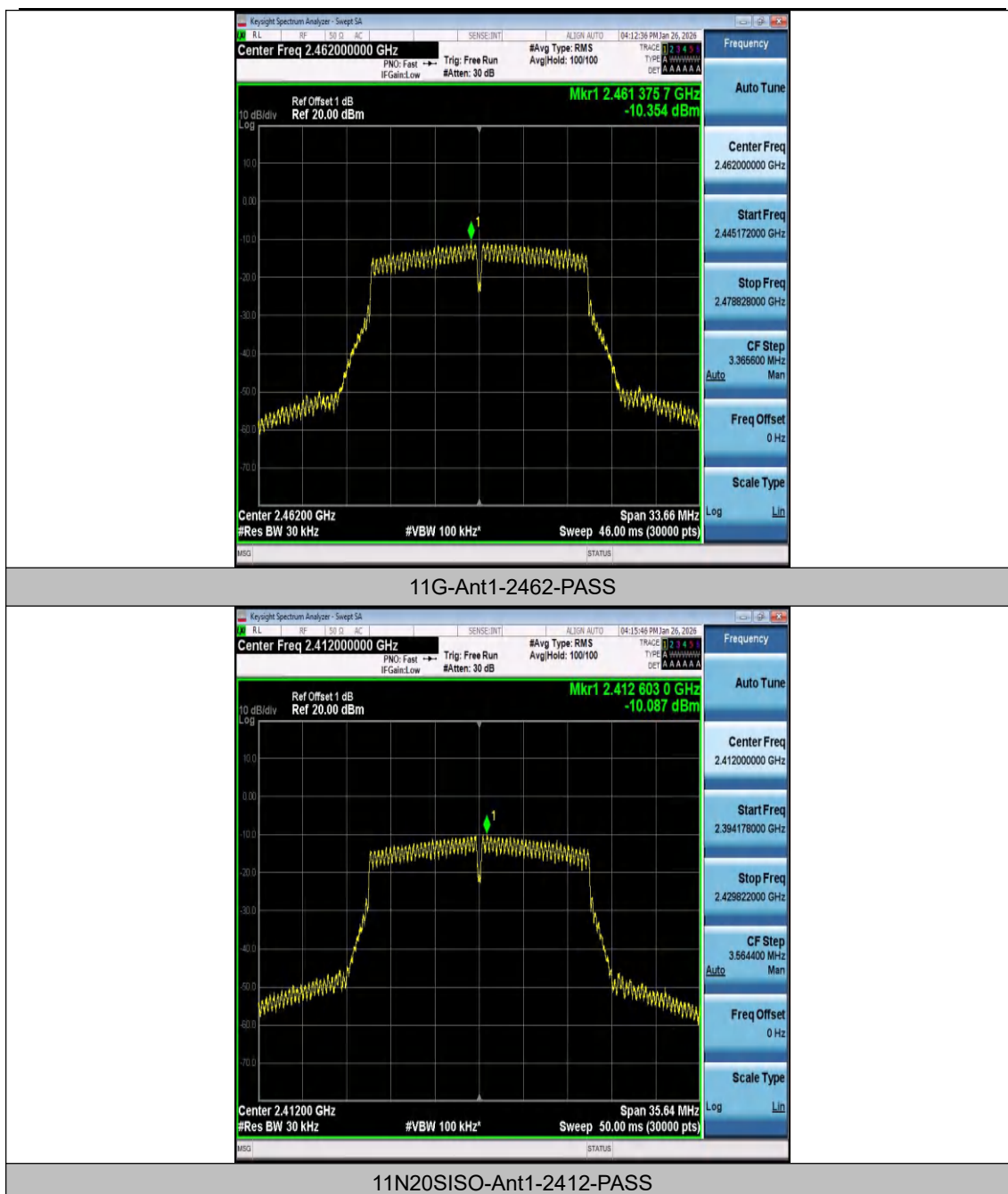
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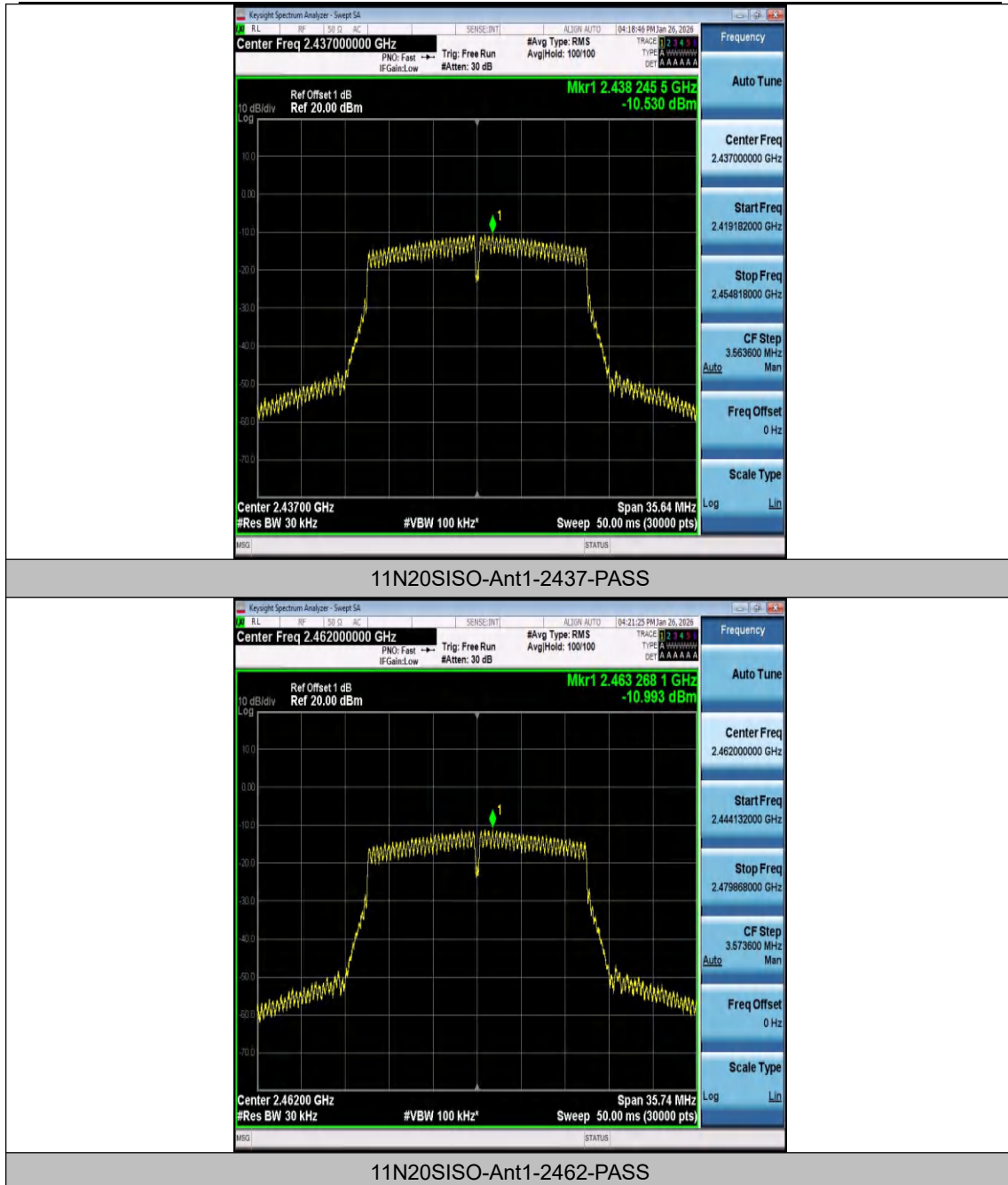
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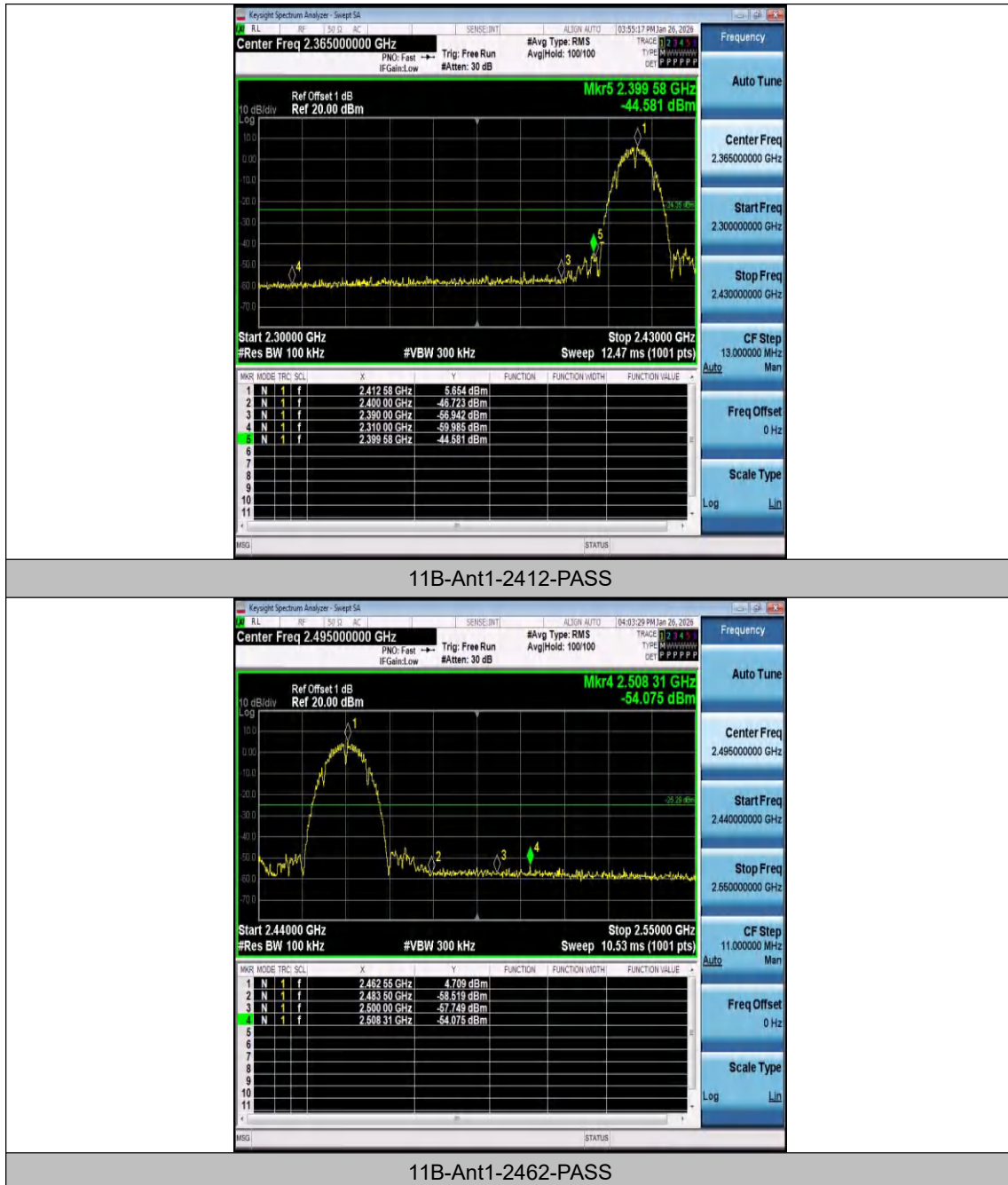
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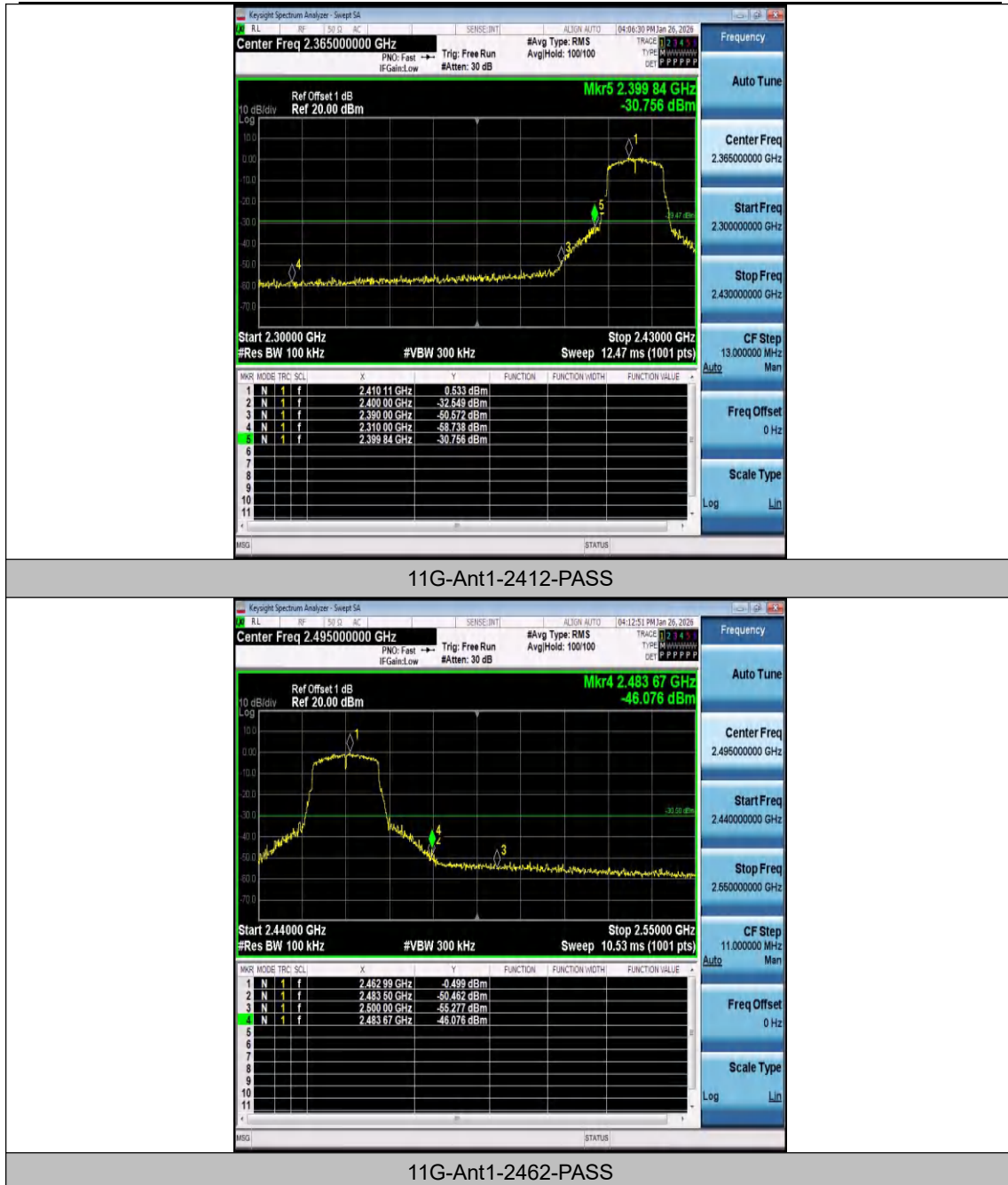
Appendix E: Conducted Band edge

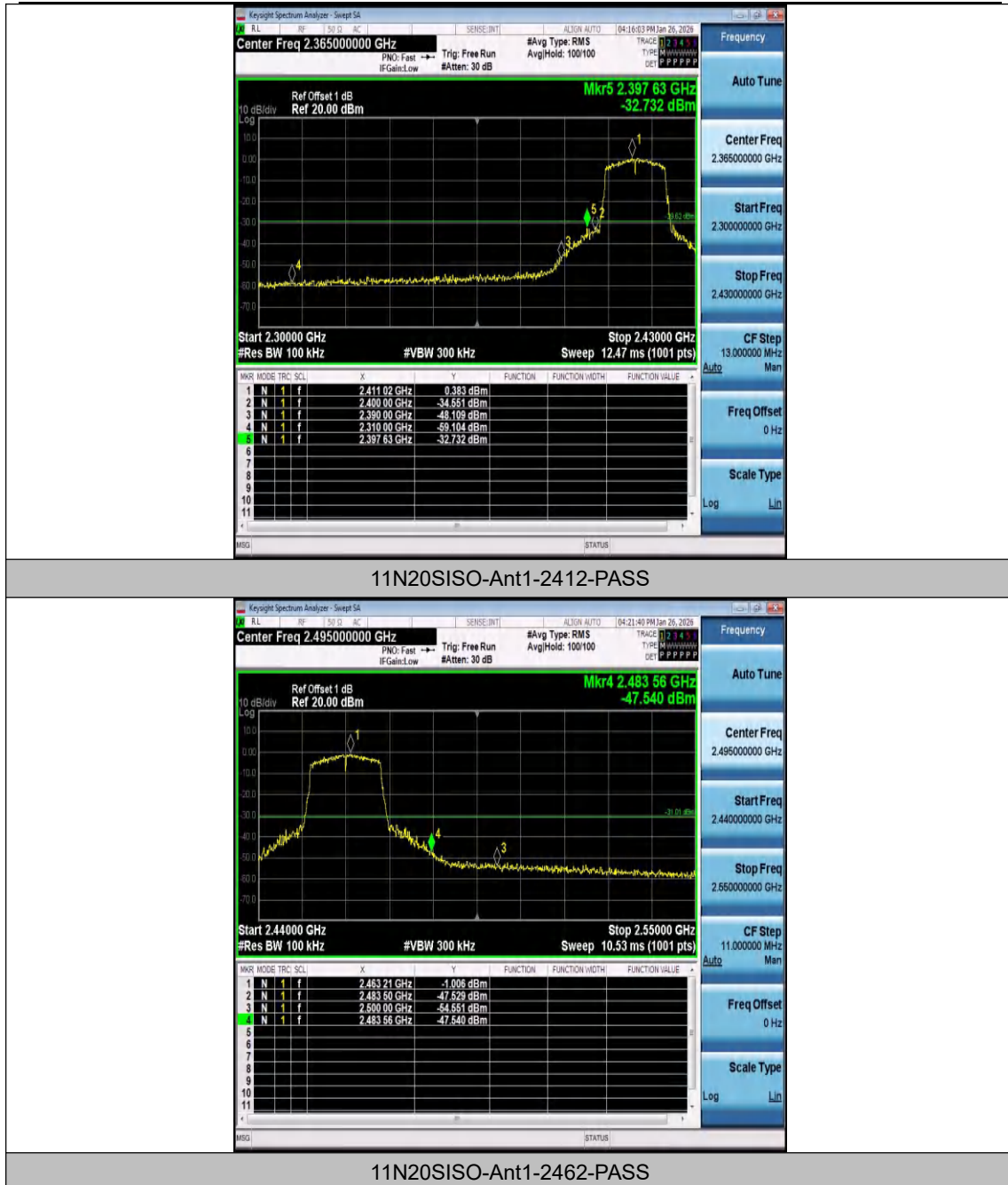
Test Result

Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.65	-44.58	≤-24.35	PASS
11B	Ant1	High	2462	4.71	-54.08	≤-25.29	PASS
11G	Ant1	Low	2412	0.53	-30.76	≤-29.47	PASS
11G	Ant1	High	2462	-0.50	-46.08	≤-30.5	PASS
11N20SISO	Ant1	Low	2412	0.38	-32.73	≤-29.62	PASS
11N20SISO	Ant1	High	2462	-1.01	-47.54	≤-31.01	PASS

Test Graphs







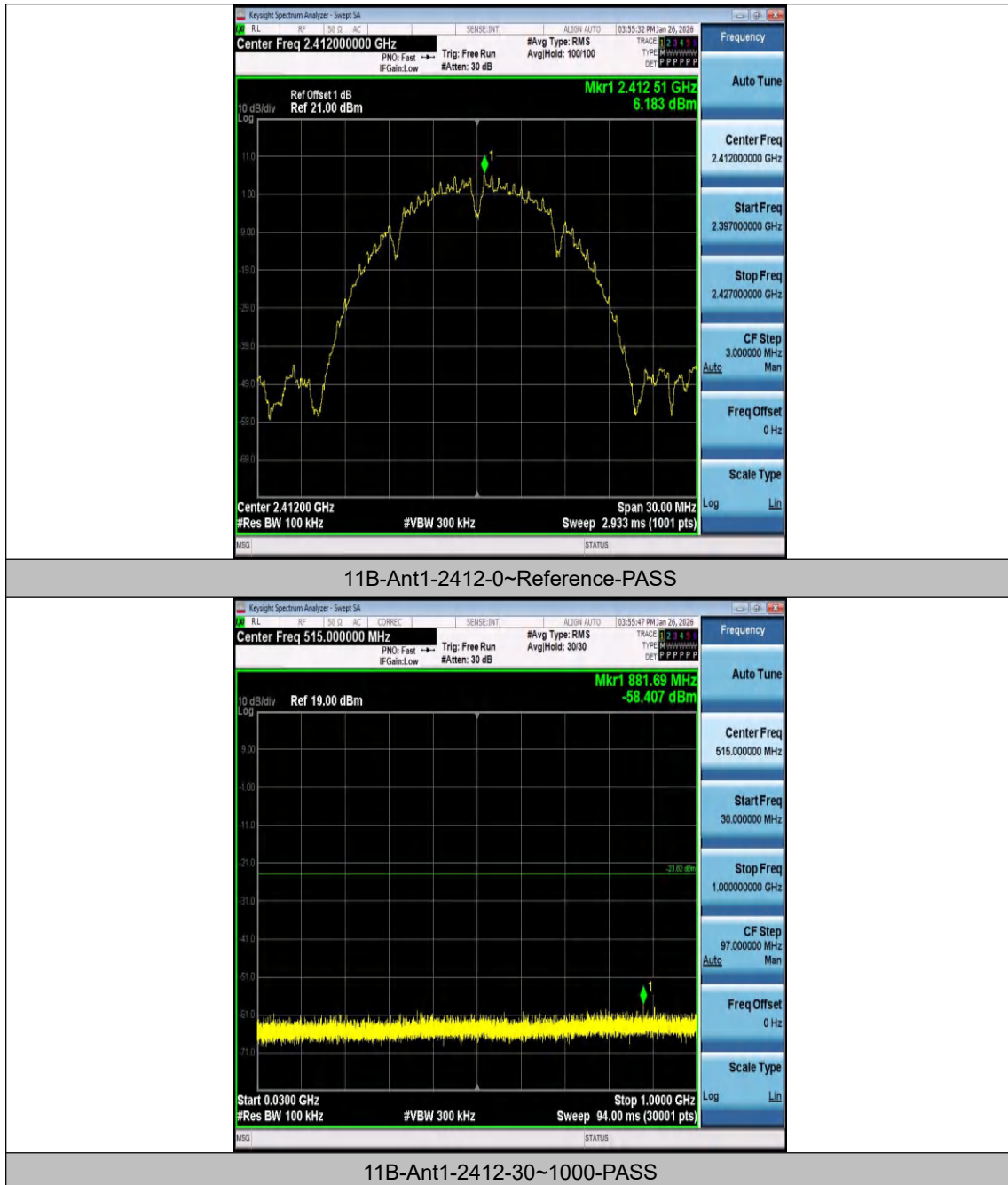
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	6.18	6.18	---	PASS
11B	Ant1	2412	30~1000	6.18	-58.41	≤-23.82	PASS
11B	Ant1	2412	1000~26500	6.18	-43.85	≤-23.82	PASS
11B	Ant1	2437	0~Reference	4.53	4.53	---	PASS
11B	Ant1	2437	30~1000	4.53	-59.58	≤-25.47	PASS
11B	Ant1	2437	1000~26500	4.53	-46.53	≤-25.47	PASS
11B	Ant1	2462	0~Reference	5.30	5.30	---	PASS
11B	Ant1	2462	30~1000	5.30	-58.63	≤-24.7	PASS
11B	Ant1	2462	1000~26500	5.30	-48.64	≤-24.7	PASS
11G	Ant1	2412	0~Reference	0.78	0.78	---	PASS
11G	Ant1	2412	30~1000	0.78	-59.35	≤-29.22	PASS
11G	Ant1	2412	1000~26500	0.78	-46.59	≤-29.22	PASS
11G	Ant1	2437	0~Reference	0.72	0.72	---	PASS
11G	Ant1	2437	30~1000	0.72	-59.62	≤-29.28	PASS
11G	Ant1	2437	1000~26500	0.72	-49.04	≤-29.28	PASS
11G	Ant1	2462	0~Reference	-0.62	-0.62	---	PASS
11G	Ant1	2462	30~1000	-0.62	-59.09	≤-30.62	PASS
11G	Ant1	2462	1000~26500	-0.62	-49.02	≤-30.62	PASS
11N20SISO	Ant1	2412	0~Reference	0.22	0.22	---	PASS
11N20SISO	Ant1	2412	30~1000	0.22	-59.2	≤-29.78	PASS
11N20SISO	Ant1	2412	1000~26500	0.22	-47.94	≤-29.78	PASS
11N20SISO	Ant1	2437	0~Reference	-0.46	-0.46	---	PASS
11N20SISO	Ant1	2437	30~1000	-0.46	-58.81	≤-30.46	PASS
11N20SISO	Ant1	2437	1000~26500	-0.46	-47.43	≤-30.46	PASS
11N20SISO	Ant1	2462	0~Reference	-0.45	-0.45	---	PASS
11N20SISO	Ant1	2462	30~1000	-0.45	-59.19	≤-30.45	PASS
11N20SISO	Ant1	2462	1000~26500	-0.45	-48.42	≤-30.45	PASS

Remark: Regarding the spurious emissions from 30MHz to 26.5GHz, the cable loss have been set in the 'Input Correction' of the Spectrum Analyzer during the test.

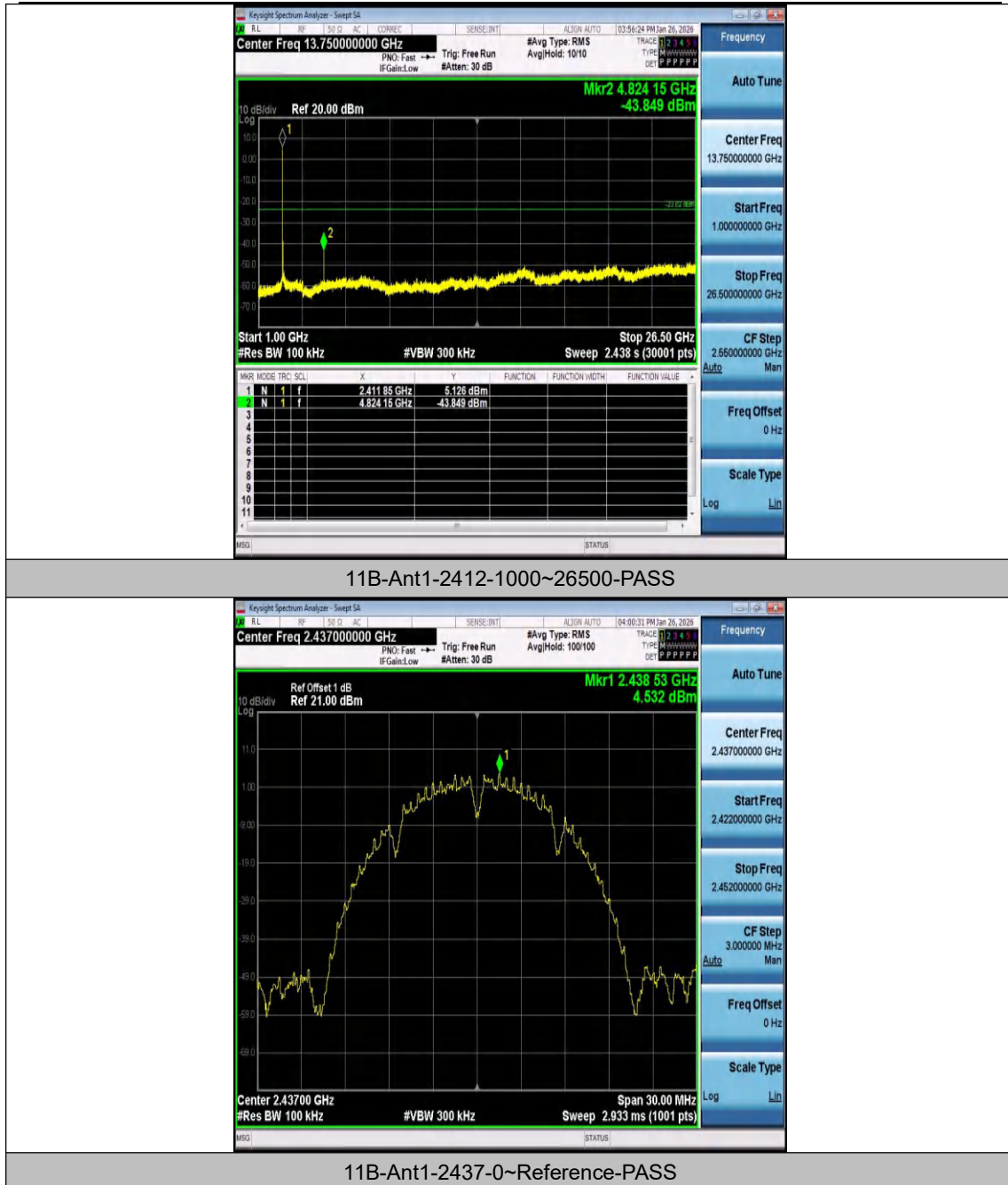
Test Graphs



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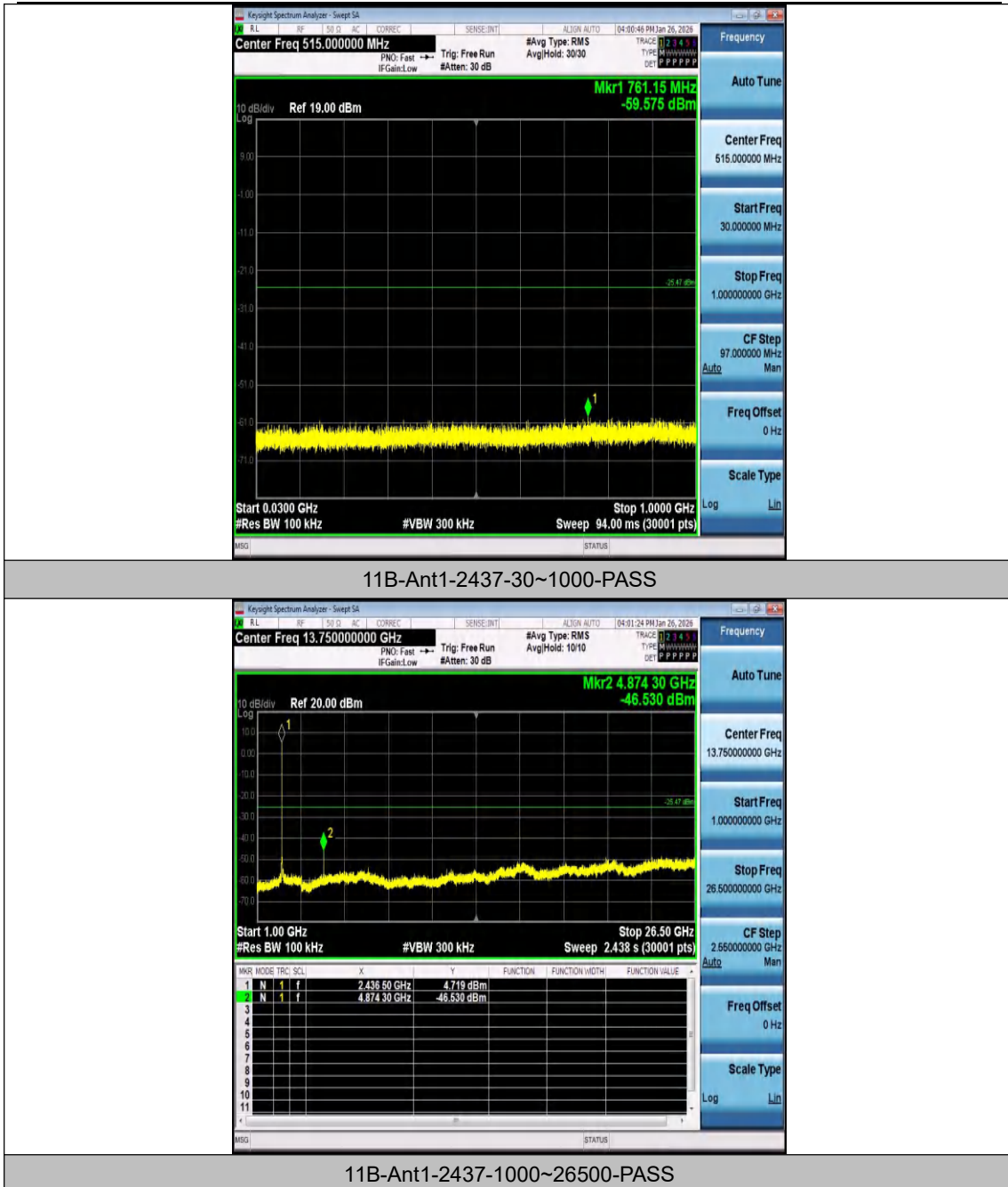
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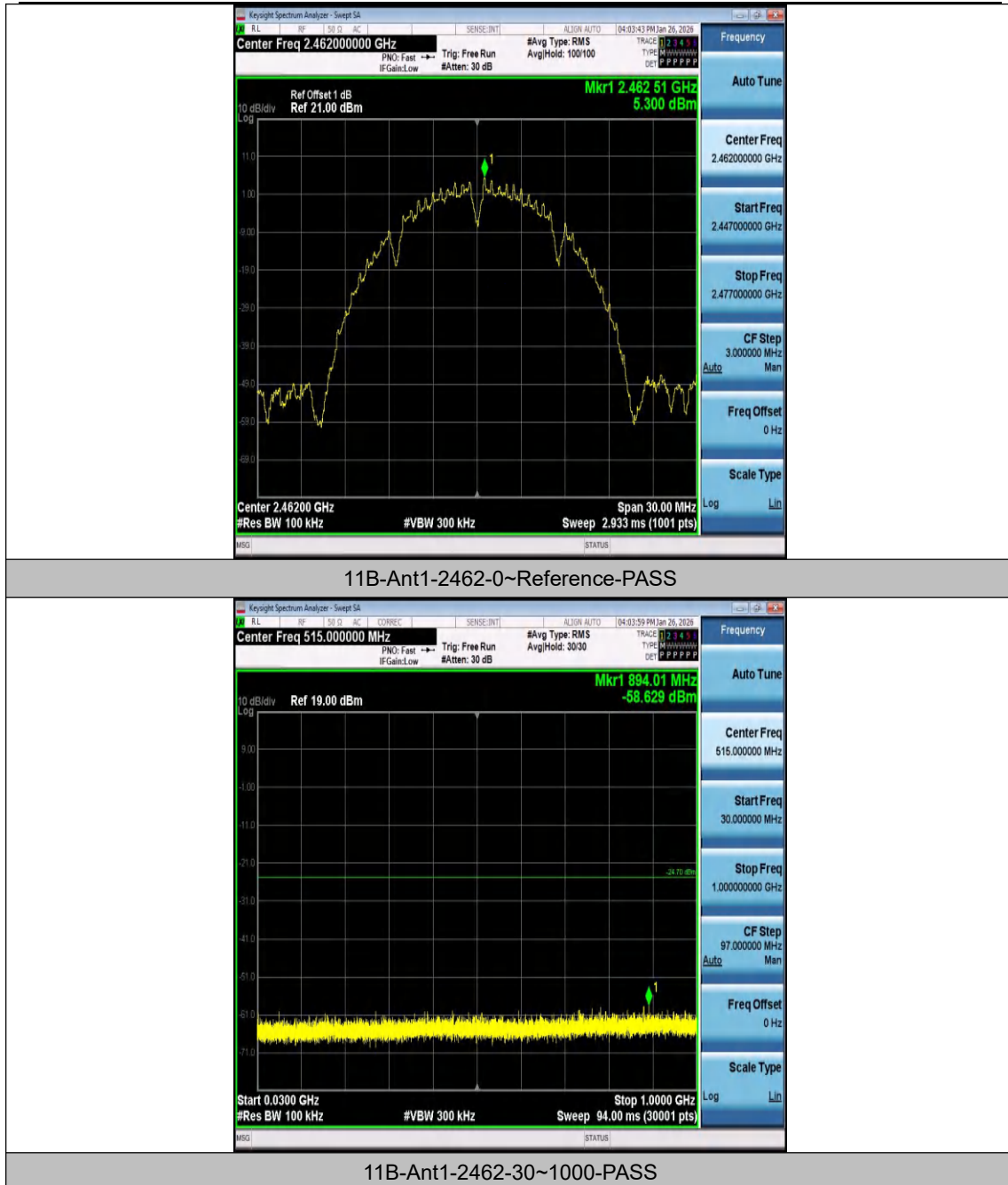
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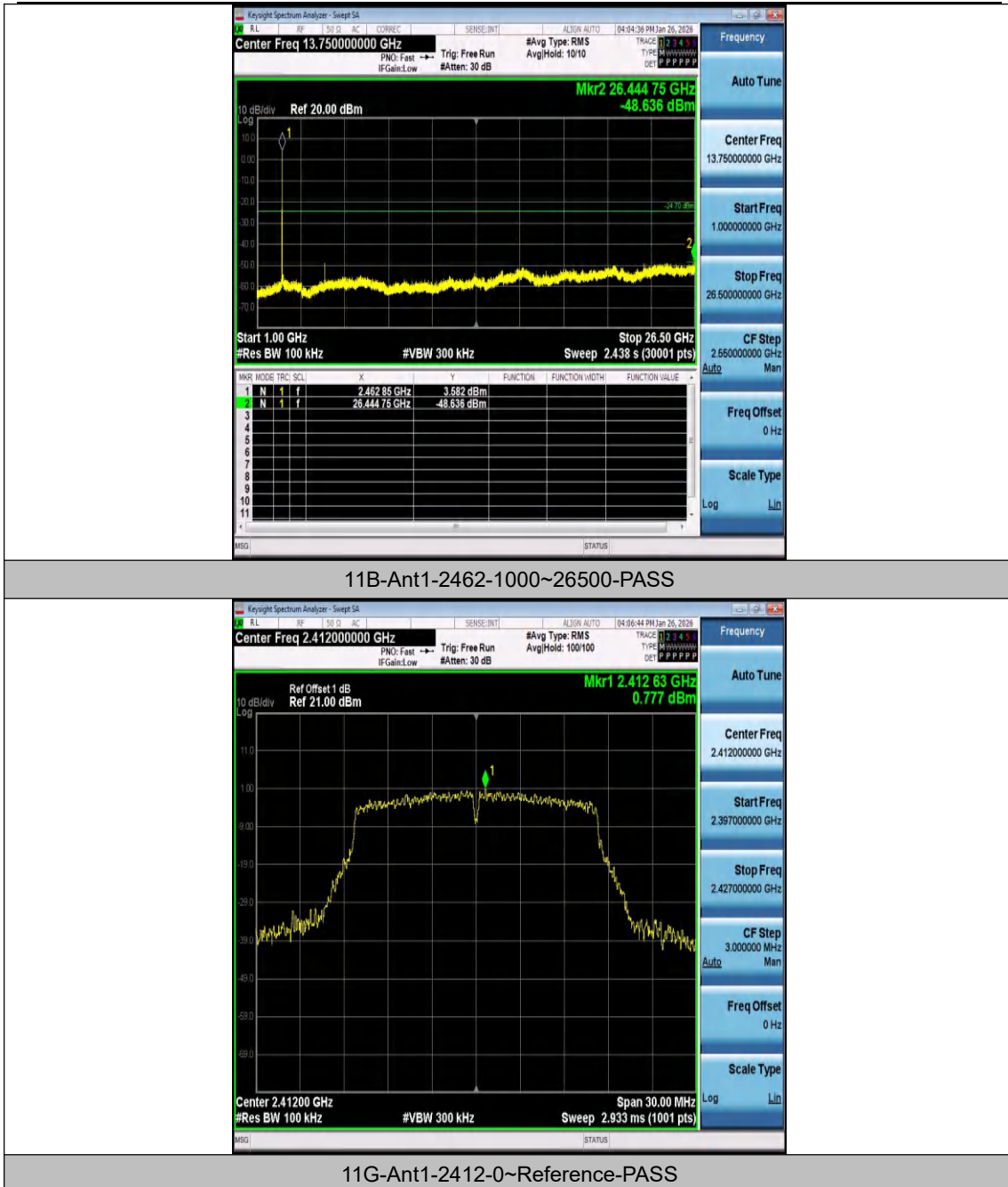
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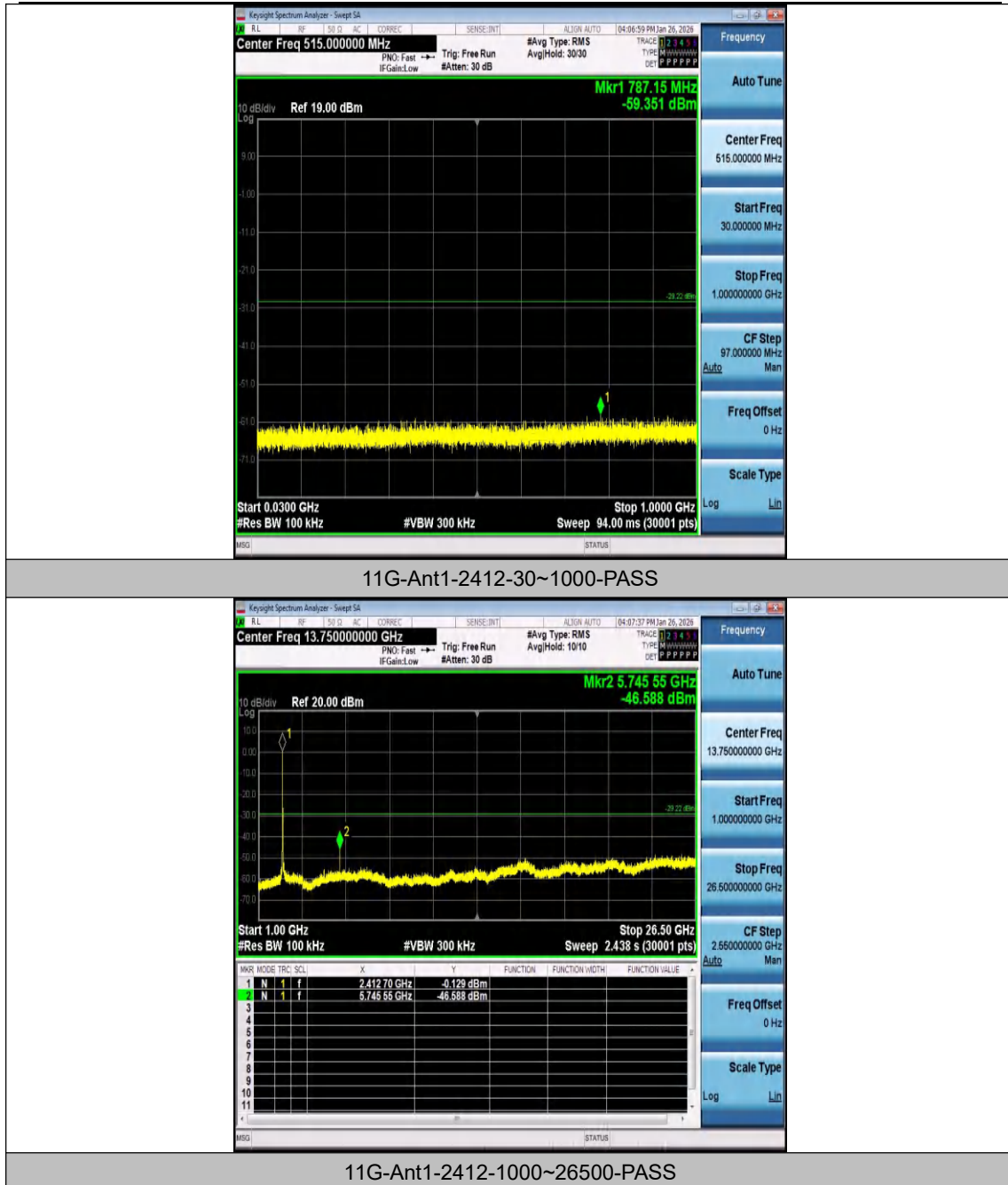
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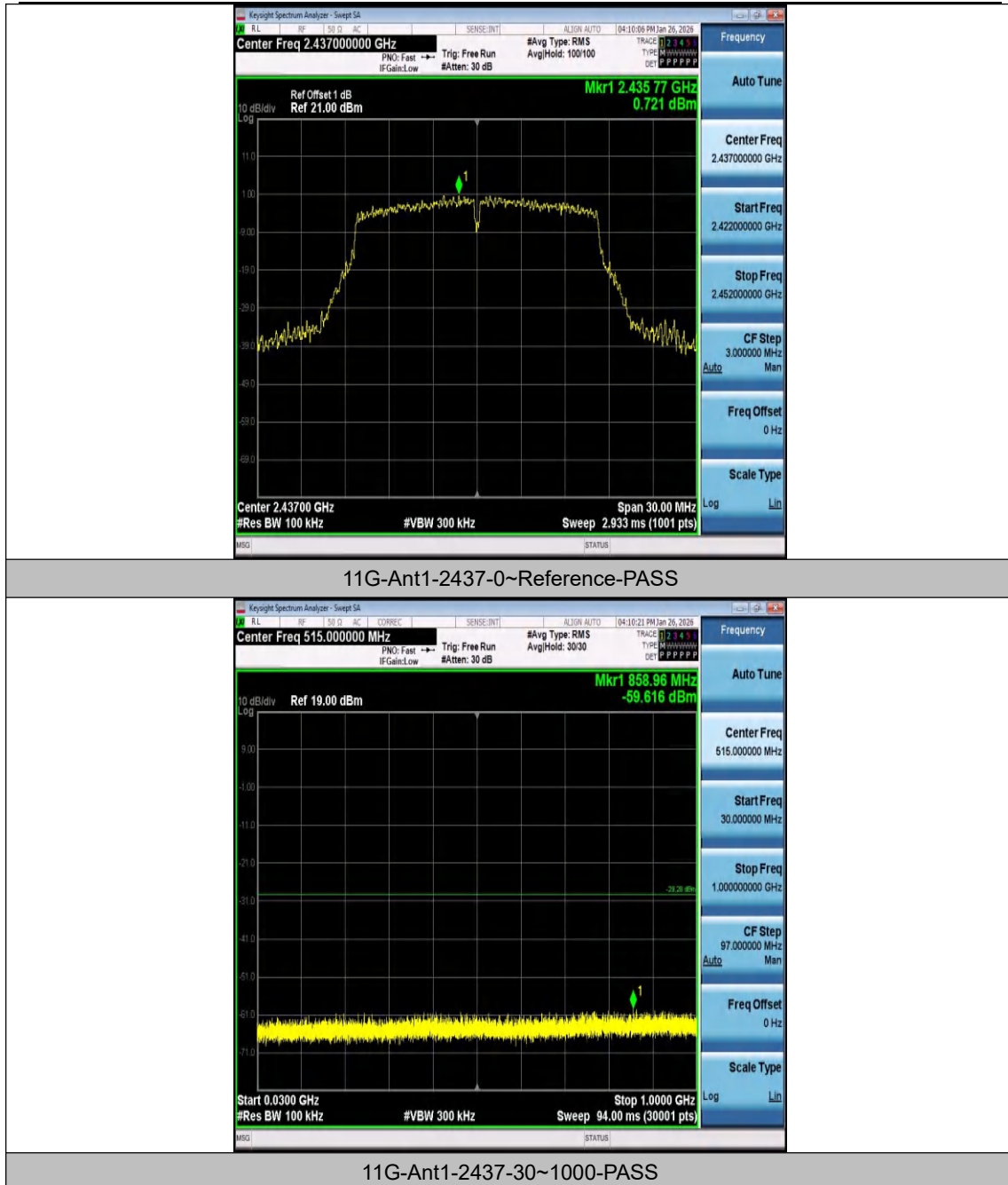


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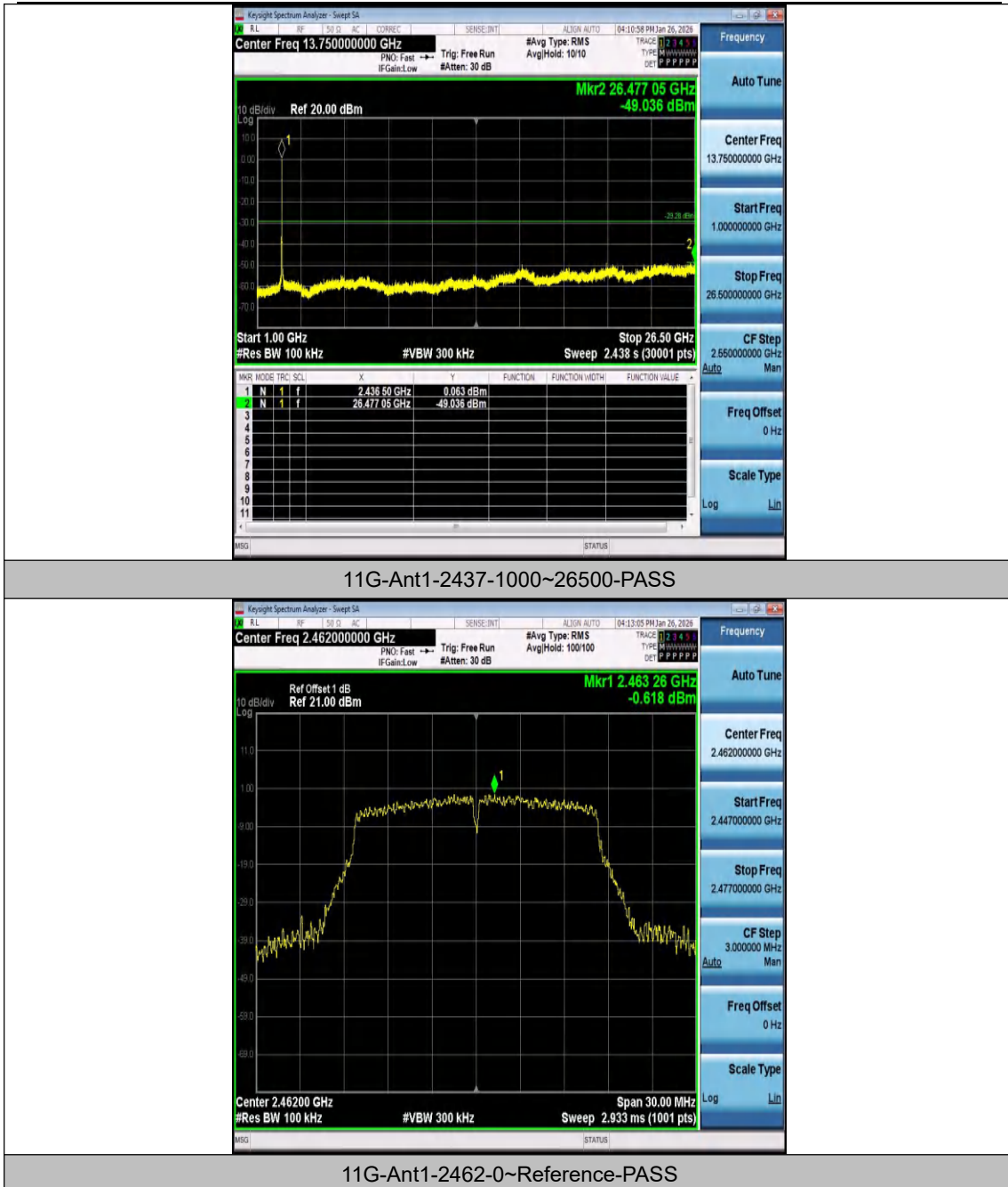




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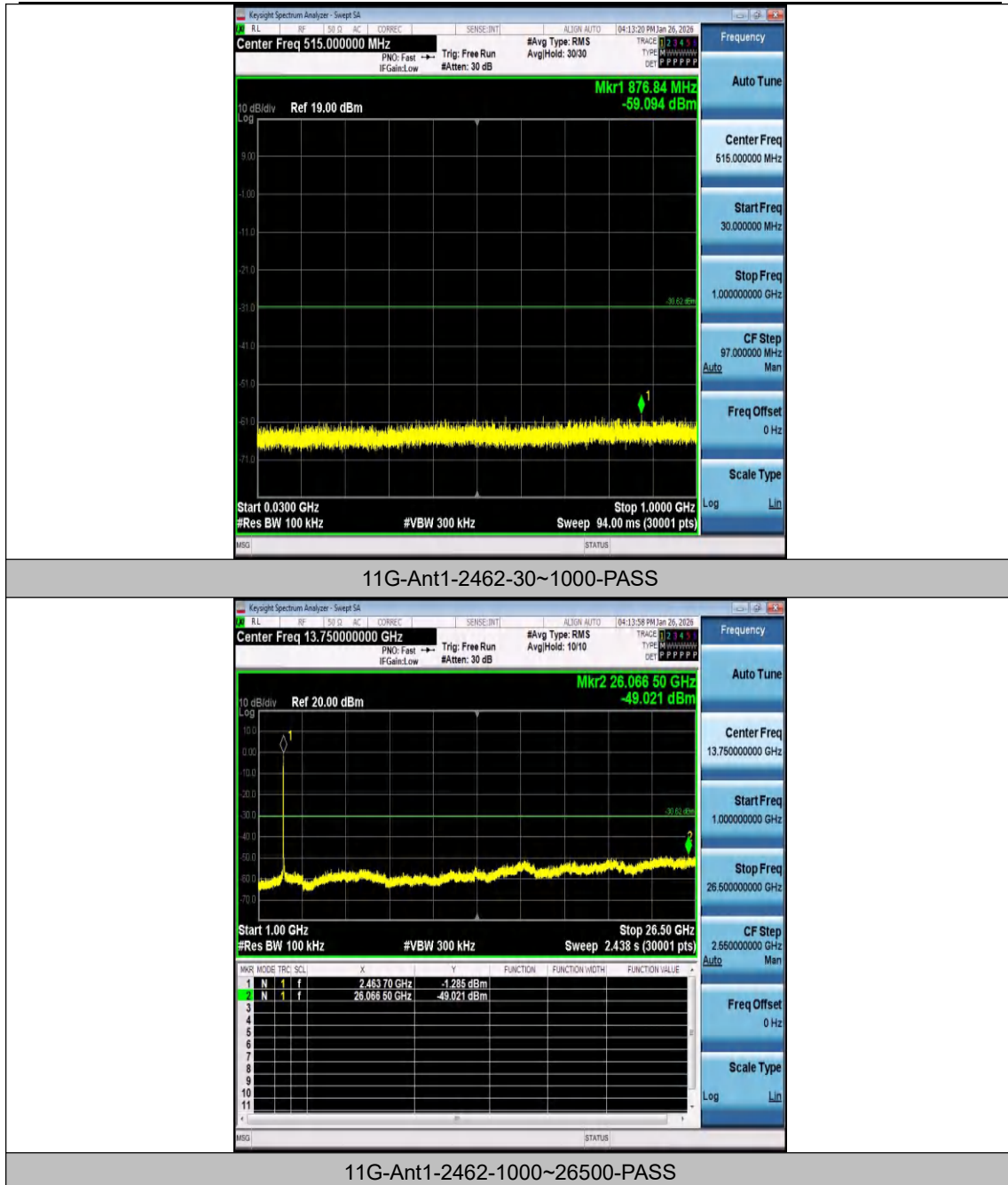
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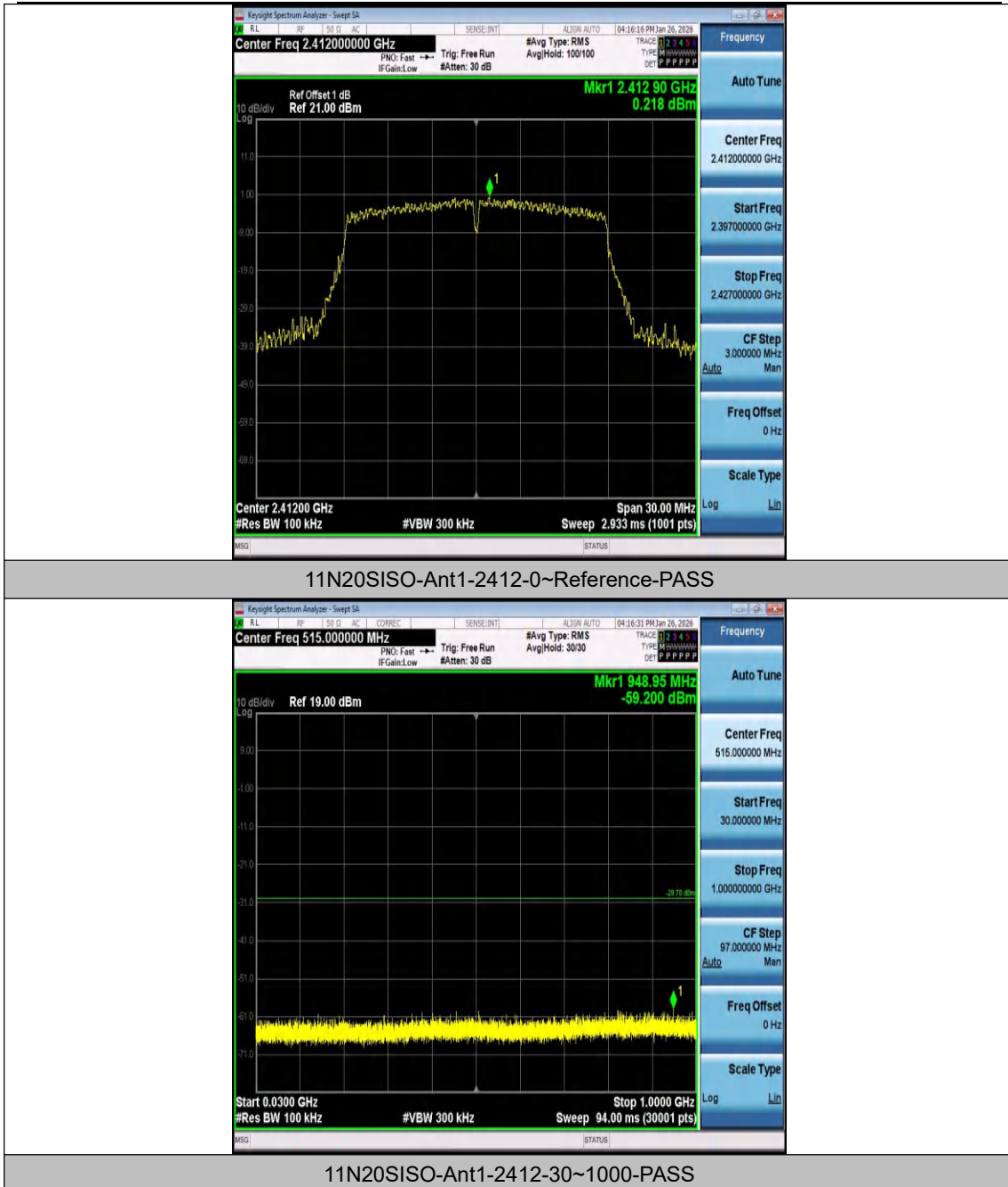
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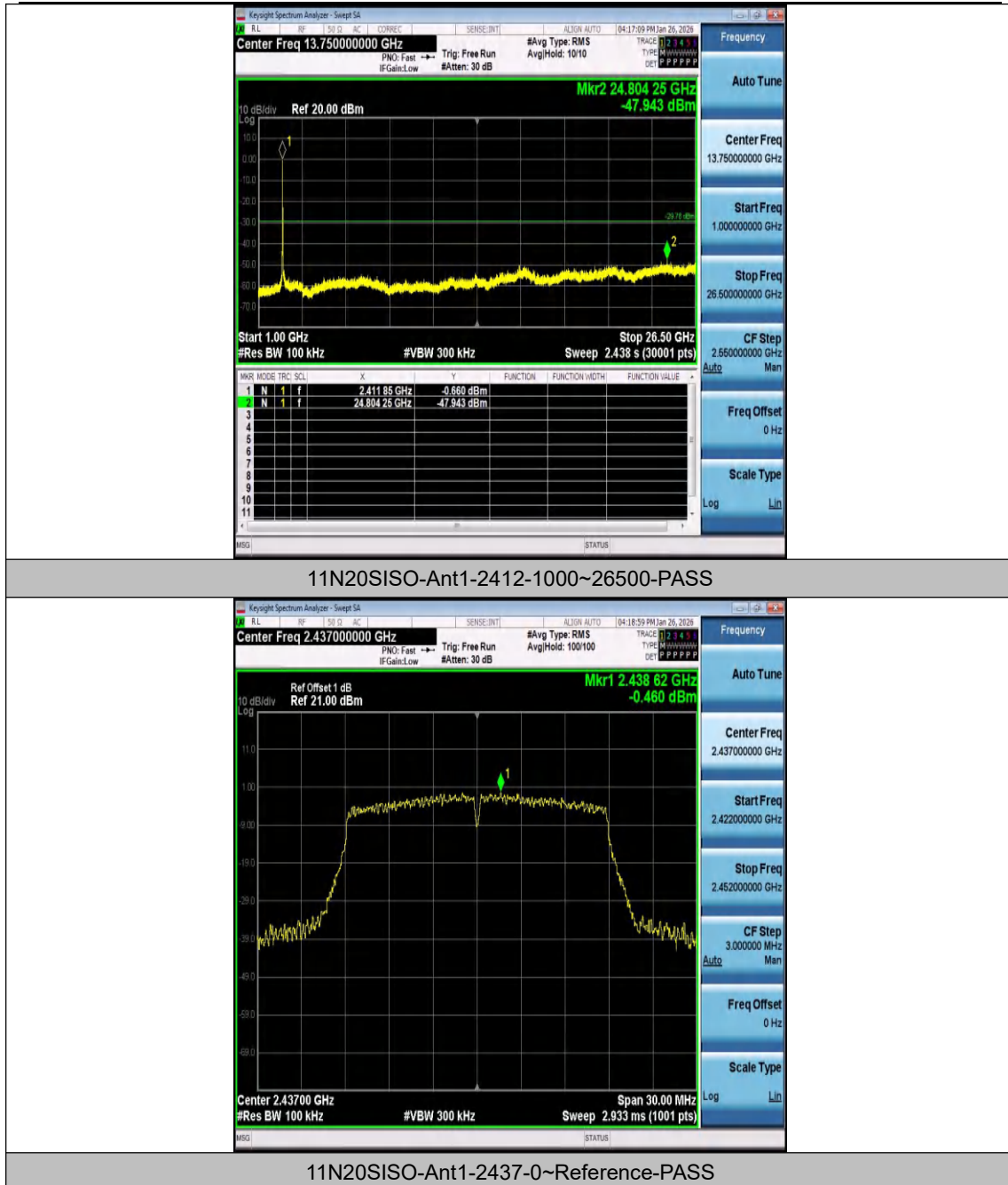
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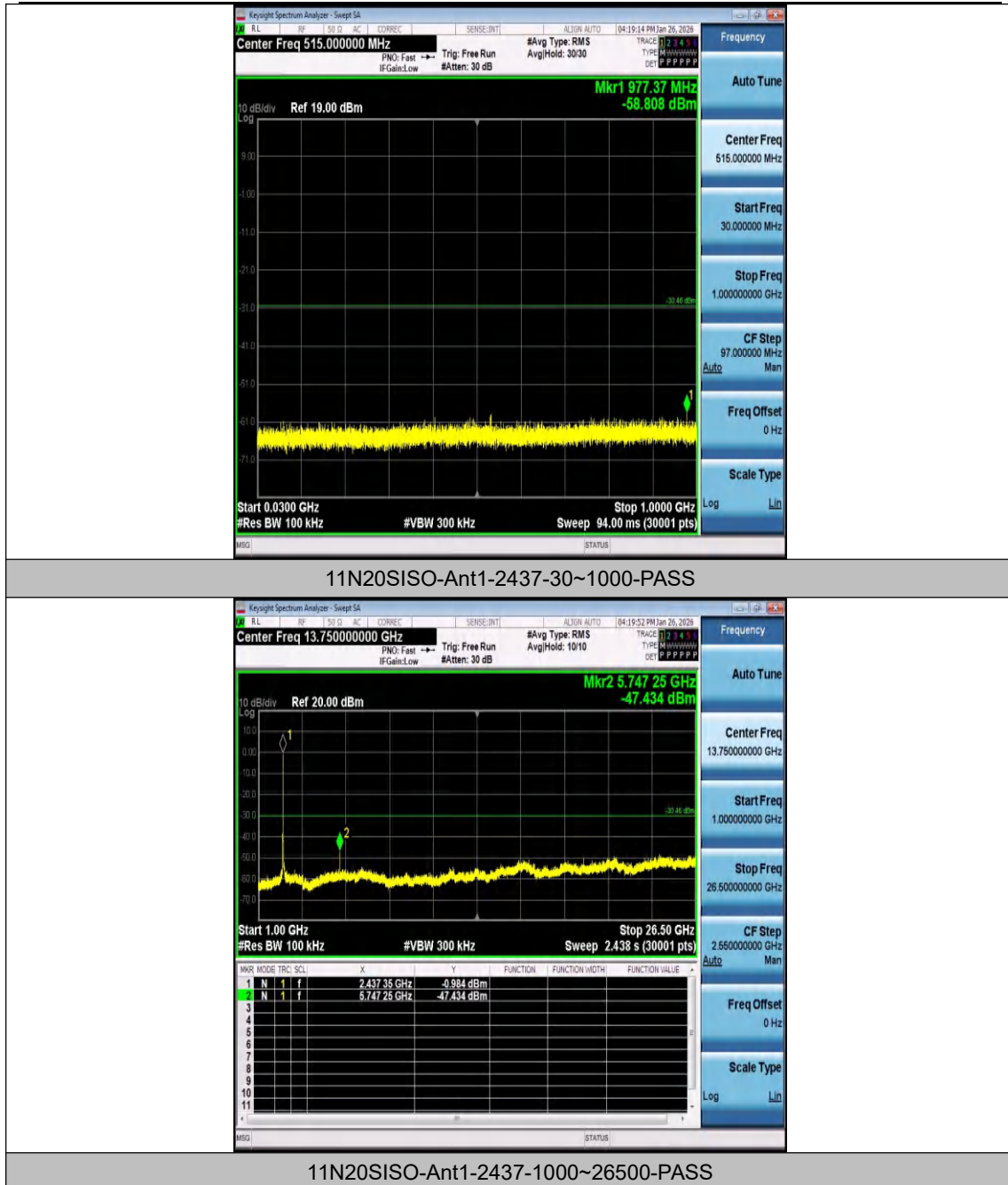
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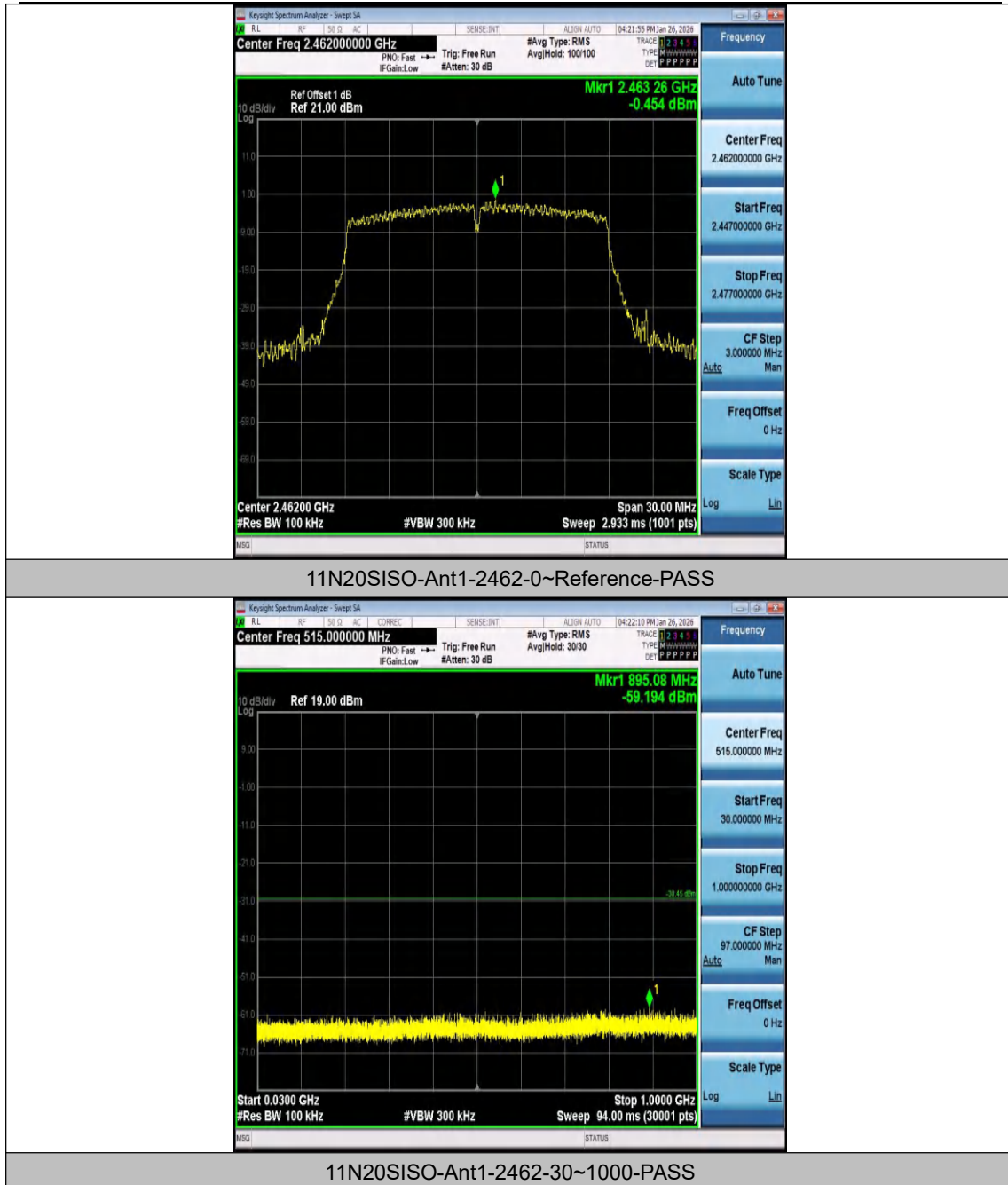


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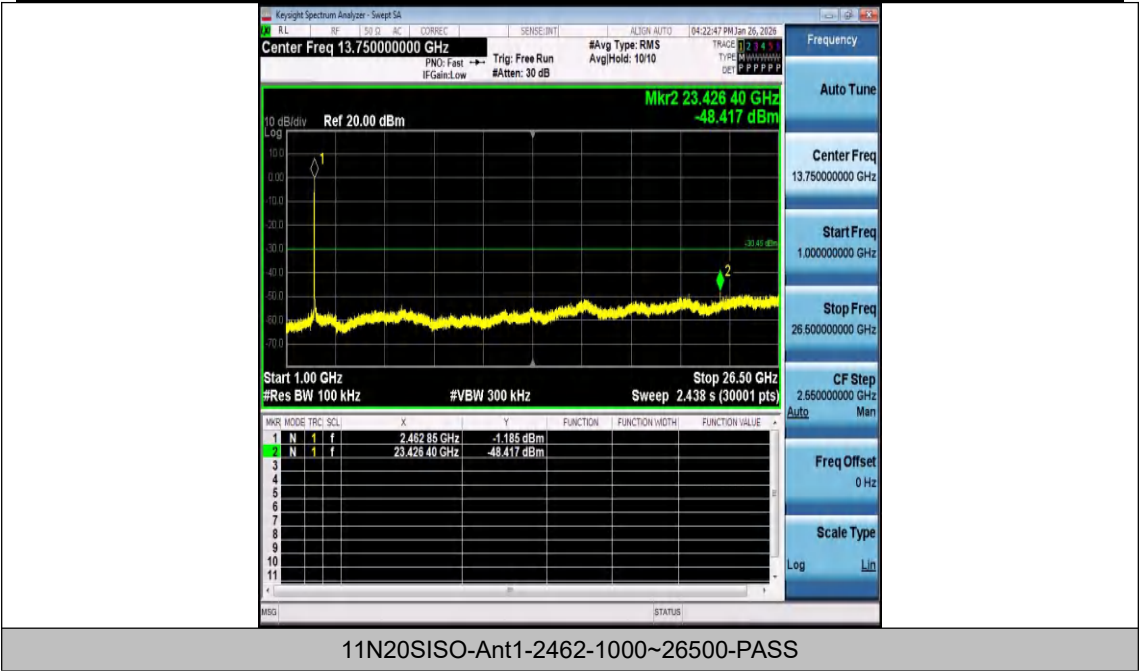




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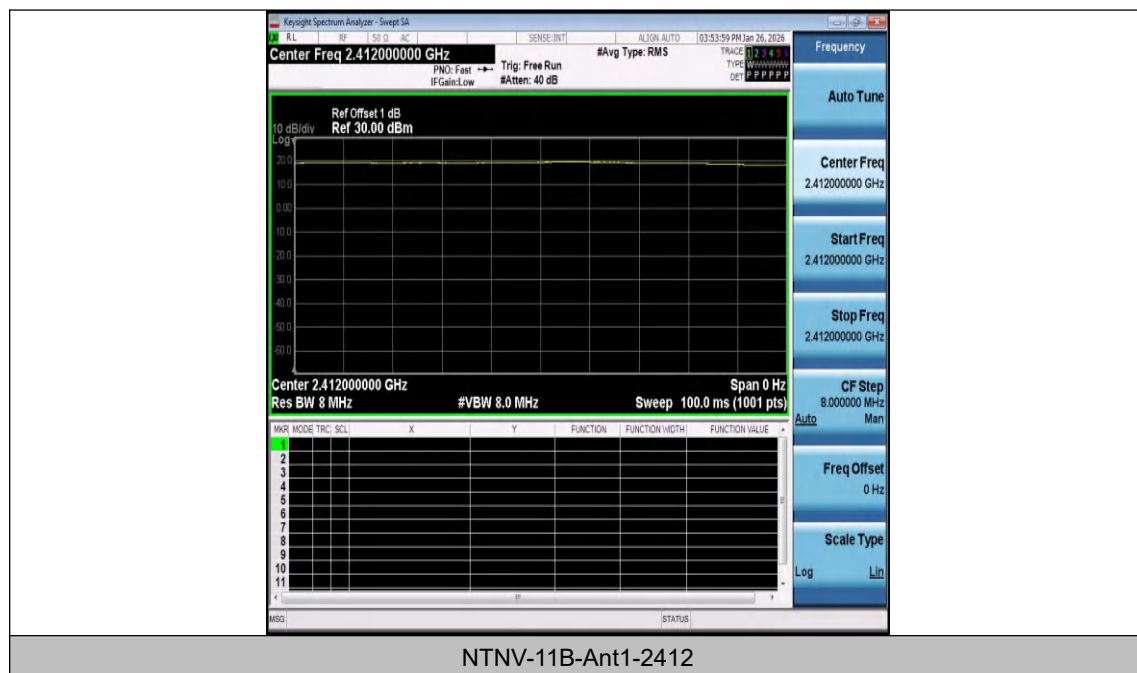
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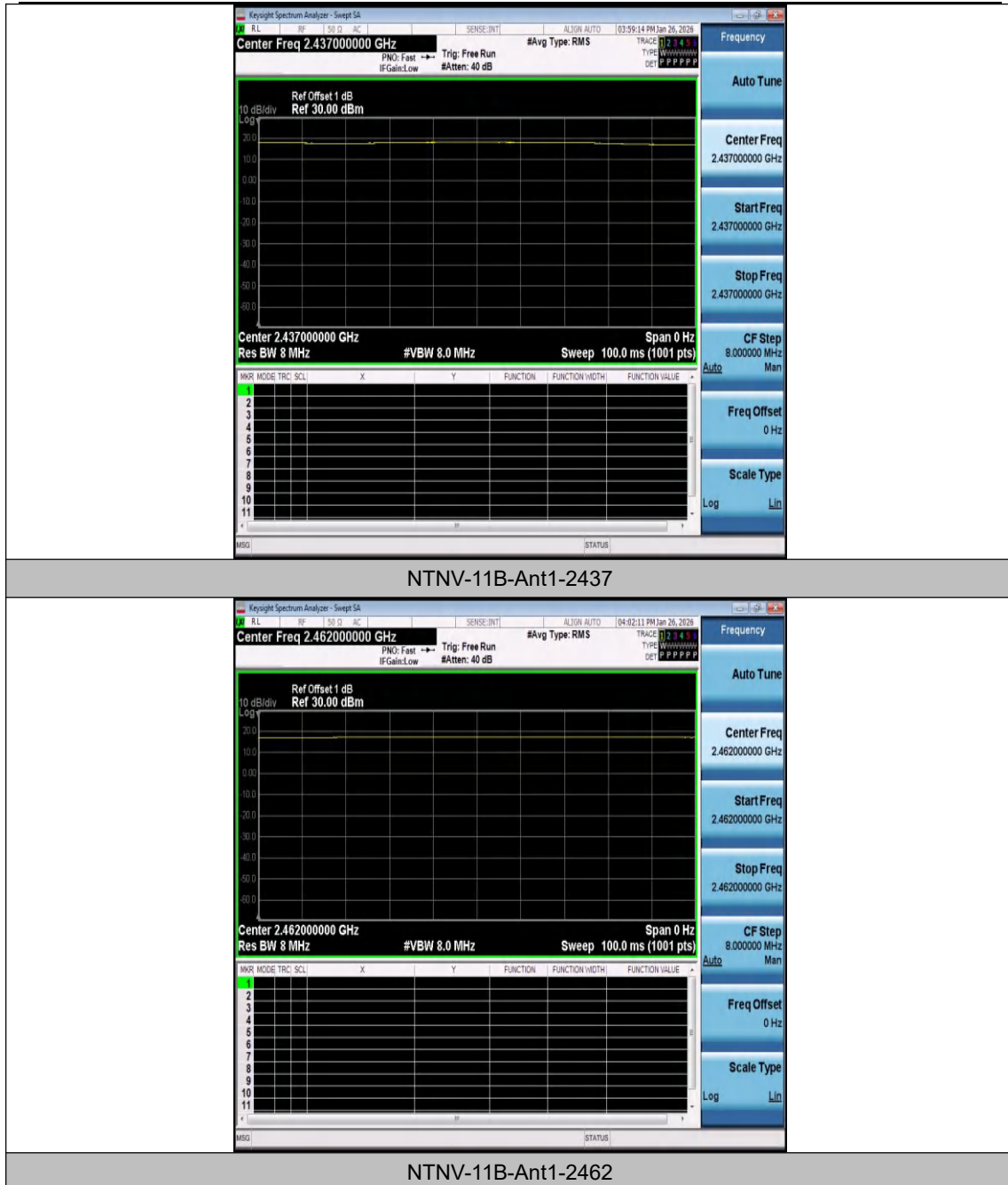
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2412	100.00	100.00	100.00	0.00
11B	Ant1	2437	100.00	100.00	100.00	0.00
11B	Ant1	2462	100.00	100.00	100.00	0.00
11G	Ant1	2412	100.00	100.00	100.00	0.00
11G	Ant1	2437	100.00	100.00	100.00	0.00
11G	Ant1	2462	100.00	100.00	100.00	0.00
11N20SISO	Ant1	2412	100.00	100.00	100.00	0.00
11N20SISO	Ant1	2437	100.00	100.00	100.00	0.00
11N20SISO	Ant1	2462	100.00	100.00	100.00	0.00

Test Graphs

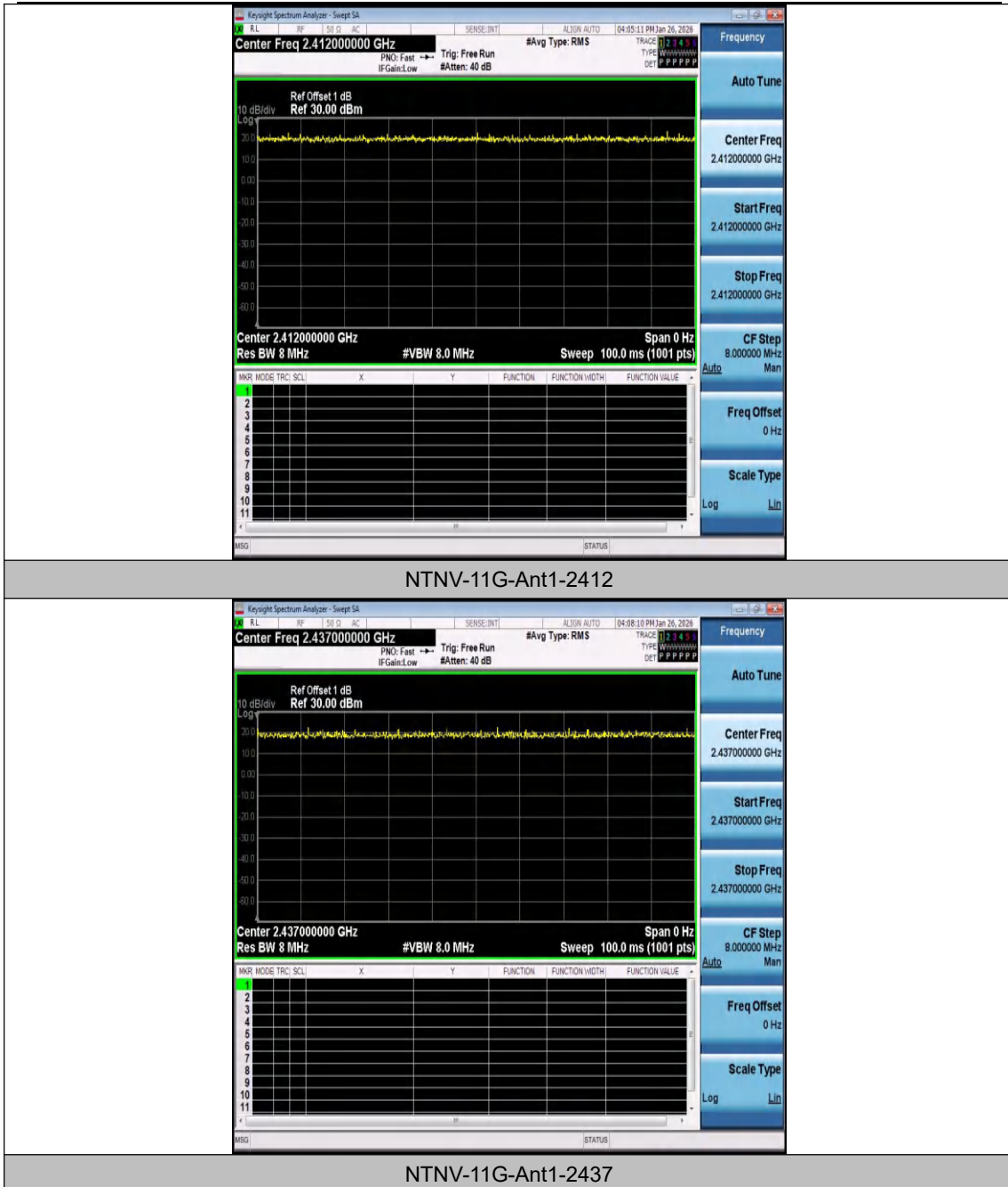




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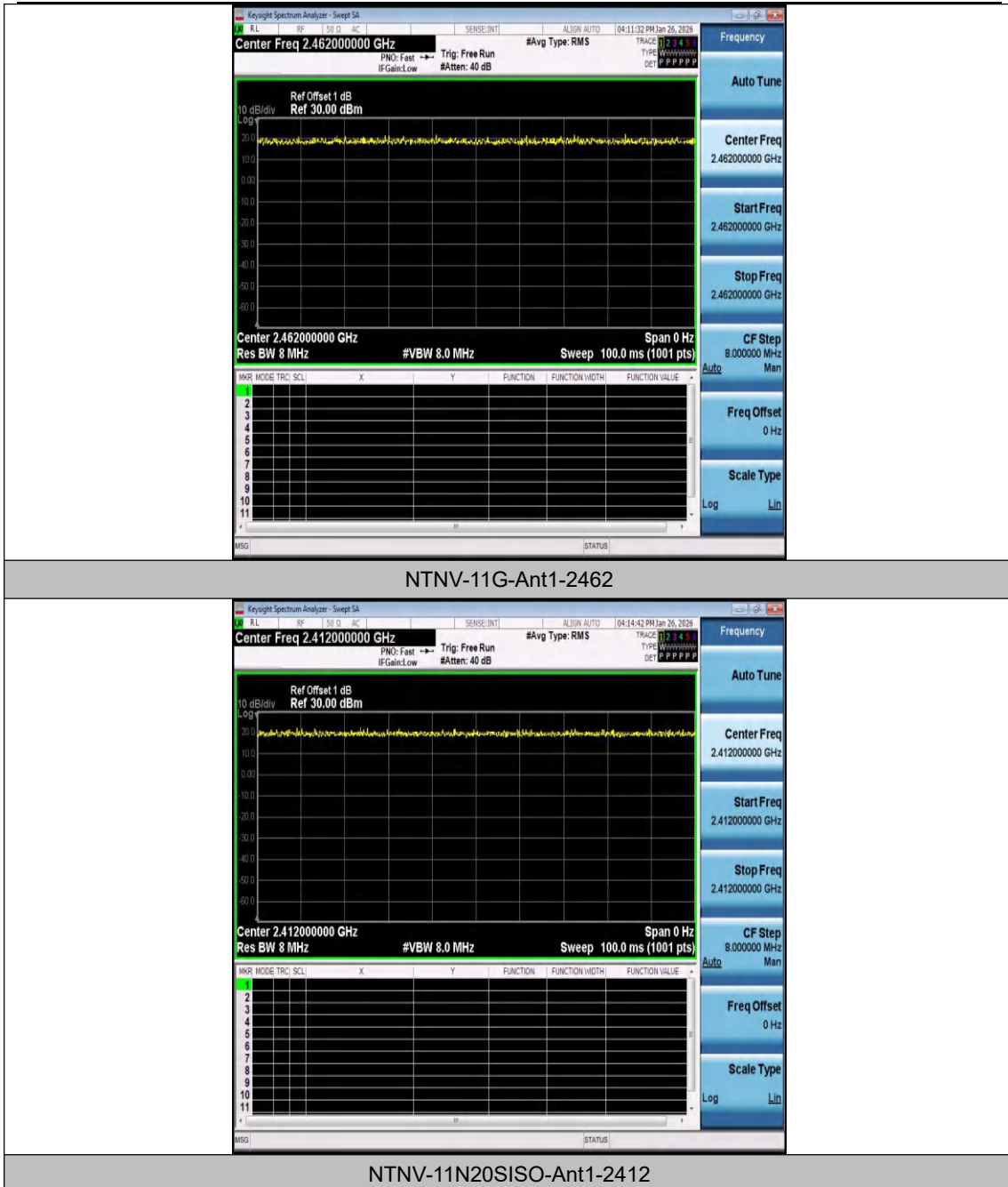
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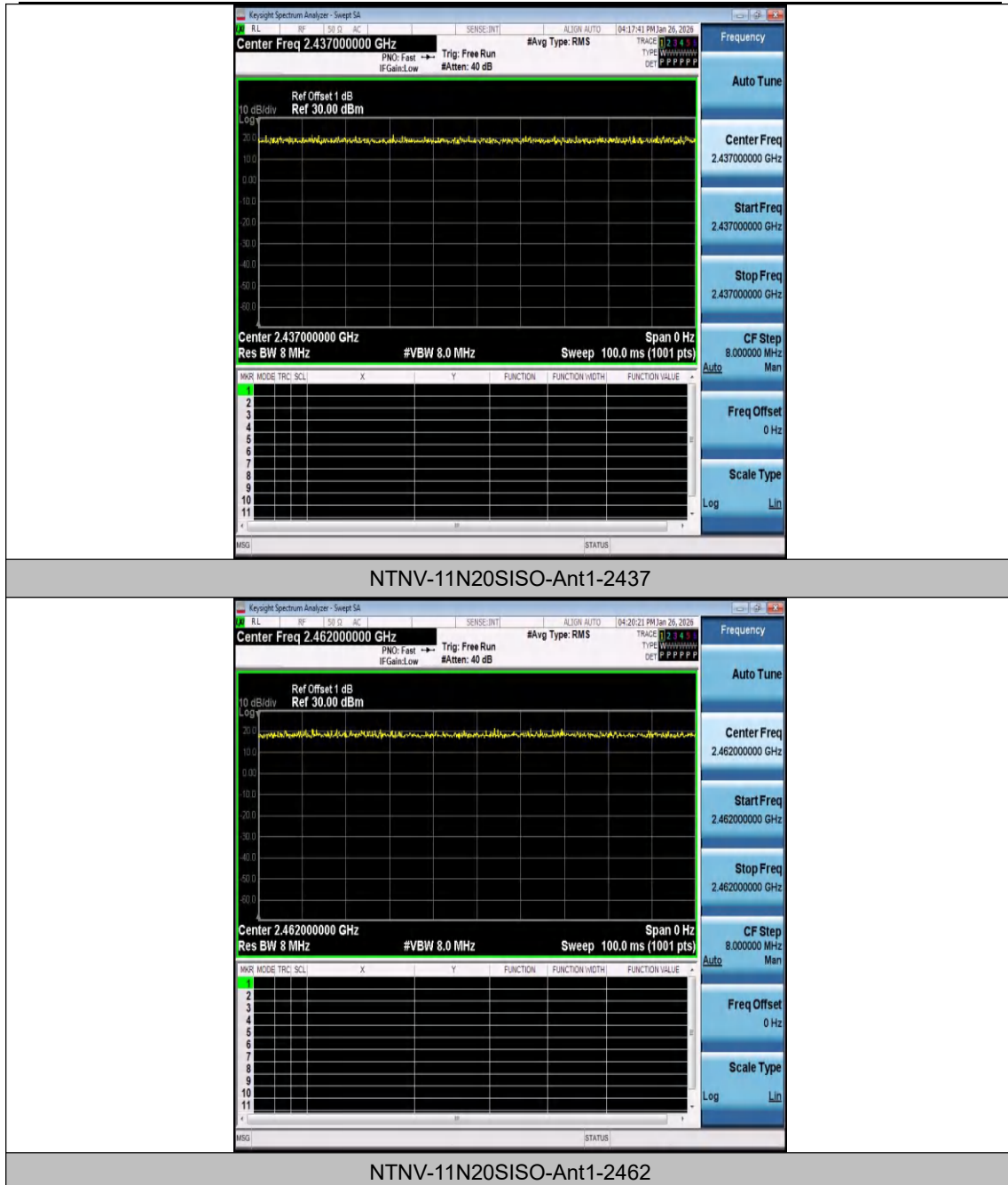
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