

Appendix Test Data

Report No.:	1812C50572312501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-1-19	Finish Test Date:	2026-1-20
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	23.8°C	Relative Humidity:	52%
Pressure:	101kPa		

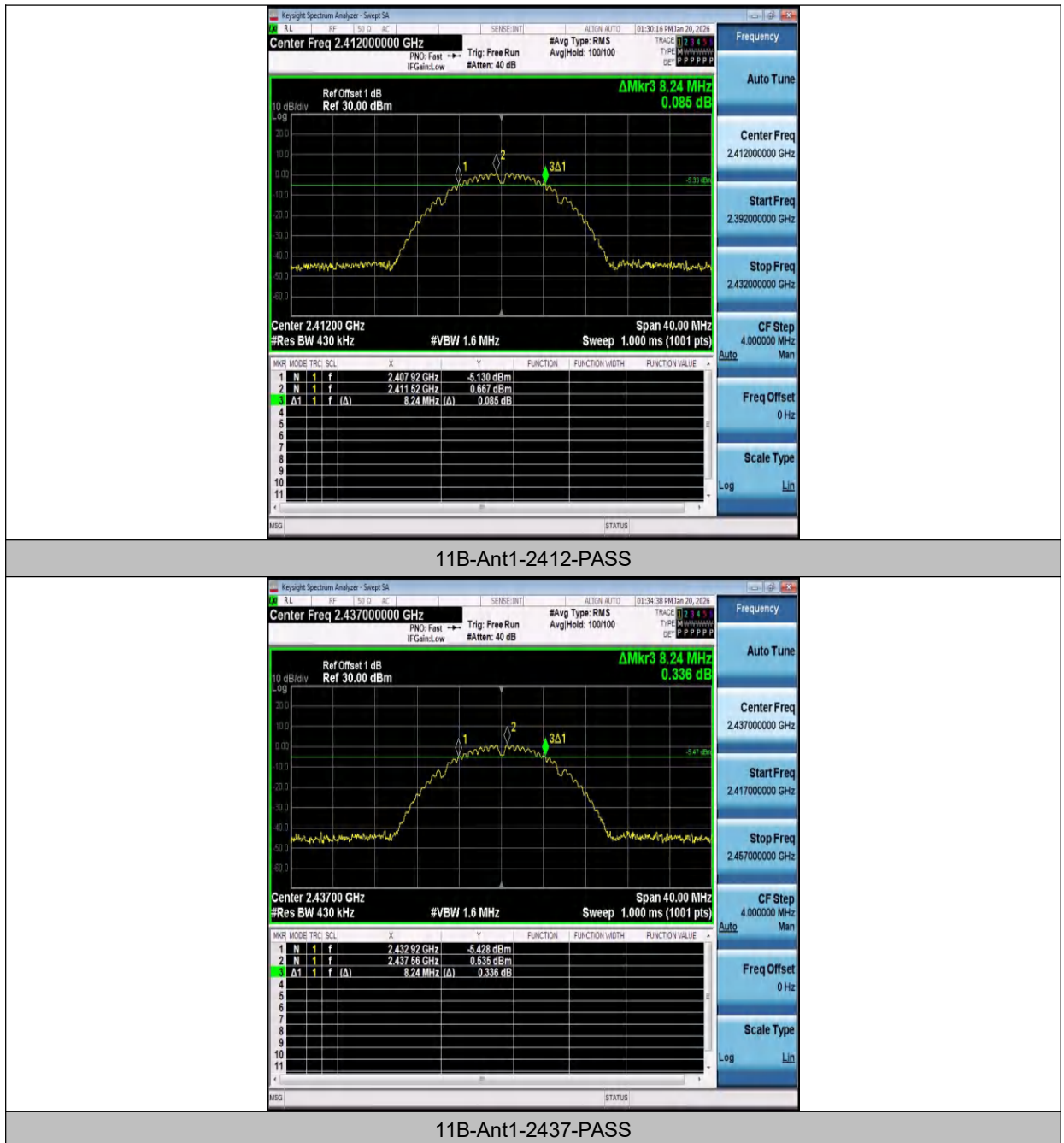


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	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	16.240	2403.960	2420.200	0.5	PASS
11G	Ant1	2437	16.080	2429.000	2445.080	0.5	PASS
11G	Ant1	2462	16.200	2454.000	2470.200	0.5	PASS
11N20SISO	Ant1	2412	17.240	2403.440	2420.680	0.5	PASS
11N20SISO	Ant1	2437	17.440	2428.320	2445.760	0.5	PASS
11N20SISO	Ant1	2462	17.440	2453.280	2470.720	0.5	PASS

Test Graphs



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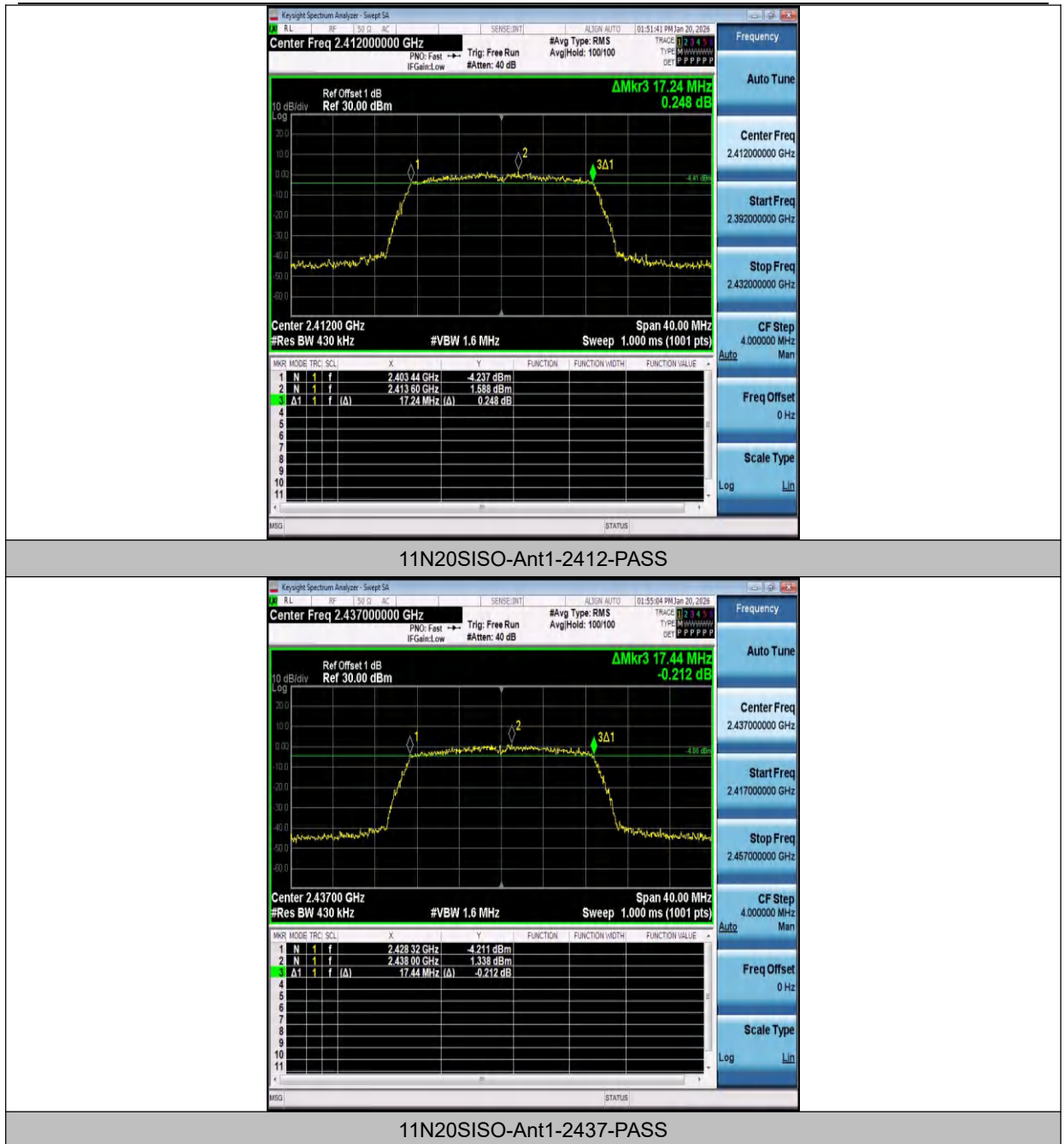
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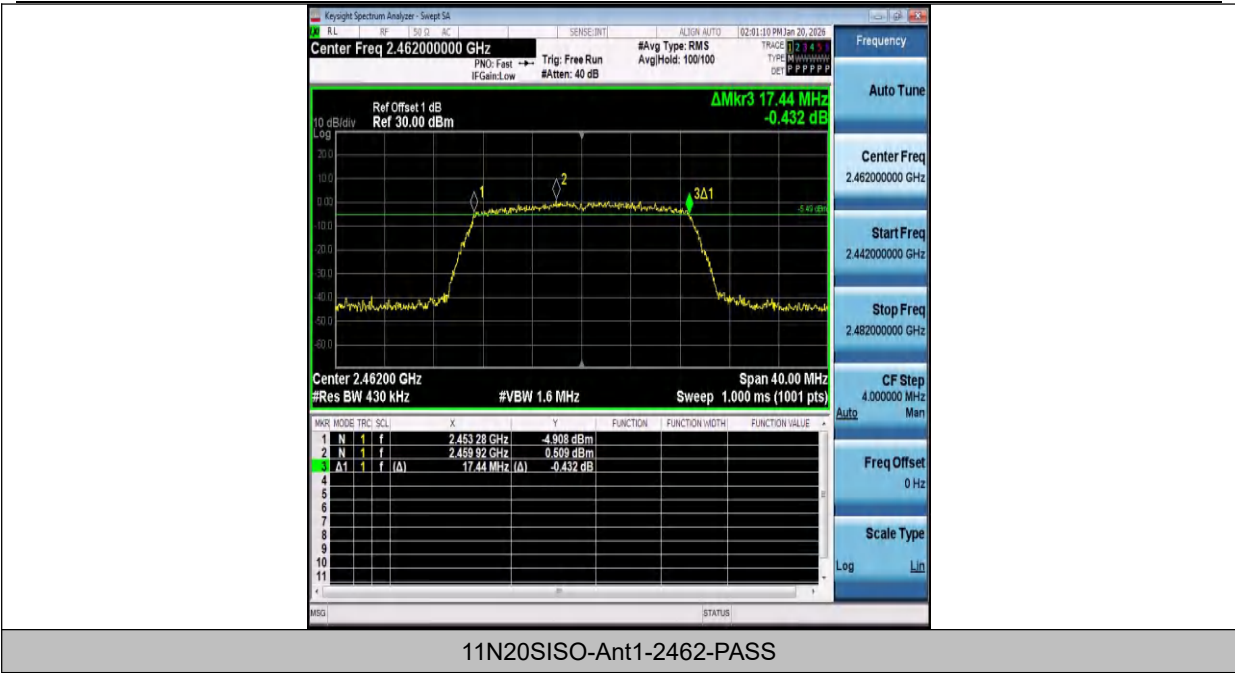
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11N20SISO-Ant1-2462-PASS

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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	12.779	2405.6708	2418.4498	---	---
11B	Ant1	2437	12.762	2430.7126	2443.4746	---	---
11B	Ant1	2462	12.783	2455.7286	2468.5116	---	---
11G	Ant1	2412	16.862	2403.6247	2420.4867	---	---
11G	Ant1	2437	16.870	2428.6491	2445.5191	---	---
11G	Ant1	2462	16.859	2453.6698	2470.5288	---	---
11N20SISO	Ant1	2412	17.757	2403.1513	2420.9083	---	---
11N20SISO	Ant1	2437	17.840	2428.1548	2445.9948	---	---
11N20SISO	Ant1	2462	17.766	2453.2223	2470.9883	---	---

Test Graphs



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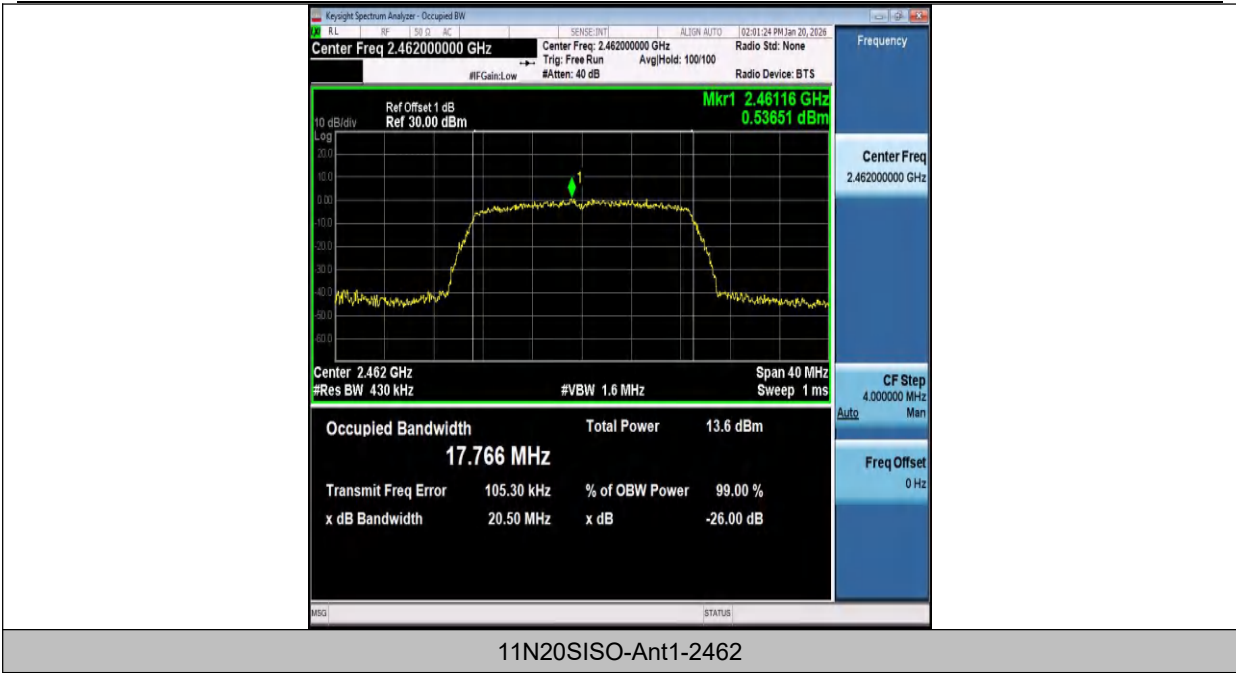
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Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	8.42	≤30.00	PASS
11B	Ant1	2437	8.25	≤30.00	PASS
11B	Ant1	2462	8.00	≤30.00	PASS
11G	Ant1	2412	8.44	≤30.00	PASS
11G	Ant1	2437	8.33	≤30.00	PASS
11G	Ant1	2462	7.64	≤30.00	PASS
11N20SISO	Ant1	2412	7.97	≤30.00	PASS
11N20SISO	Ant1	2437	7.91	≤30.00	PASS
11N20SISO	Ant1	2462	7.48	≤30.00	PASS

Note: The cable loss are compensated in the graph.

Test Graphs Average



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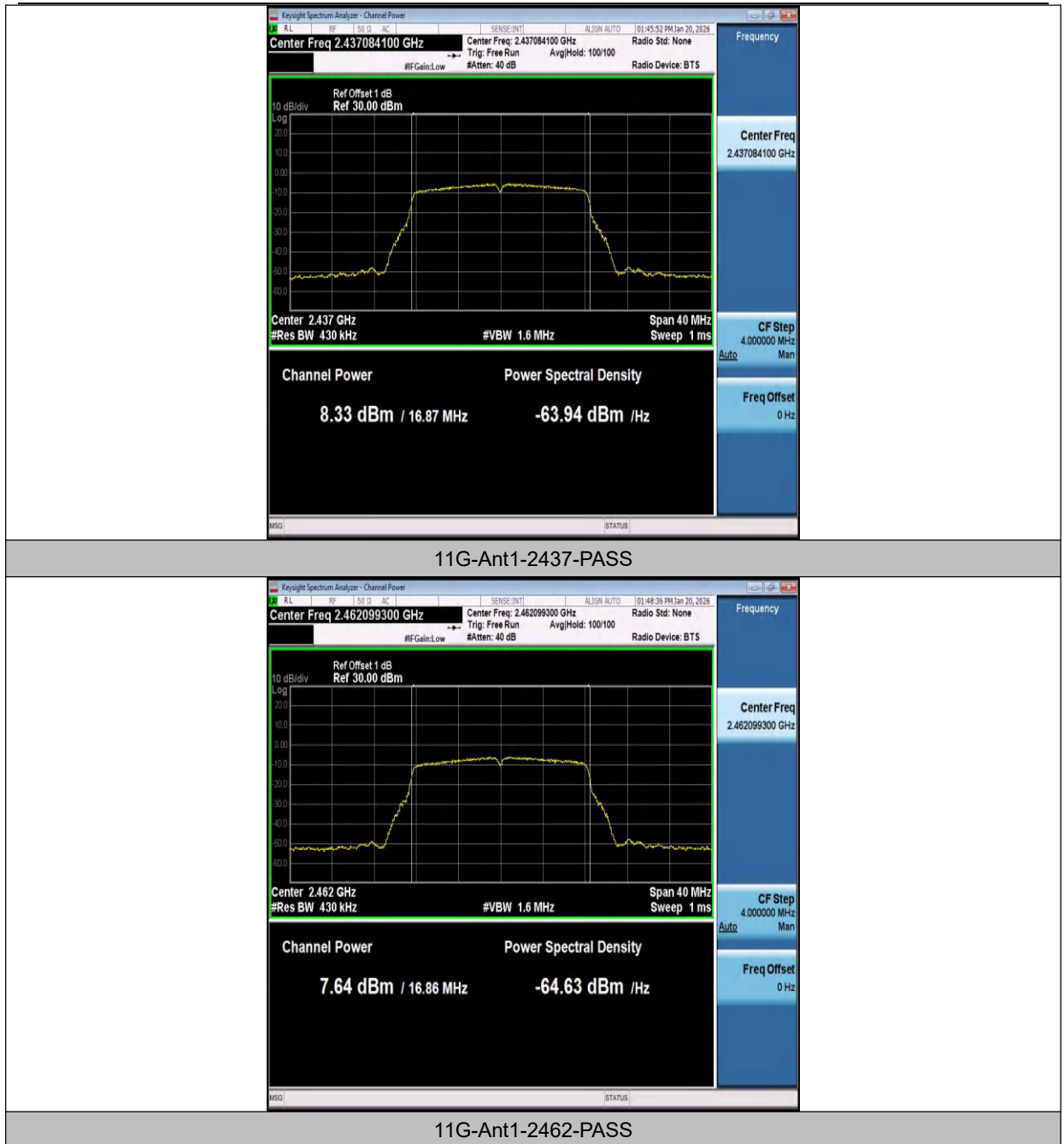
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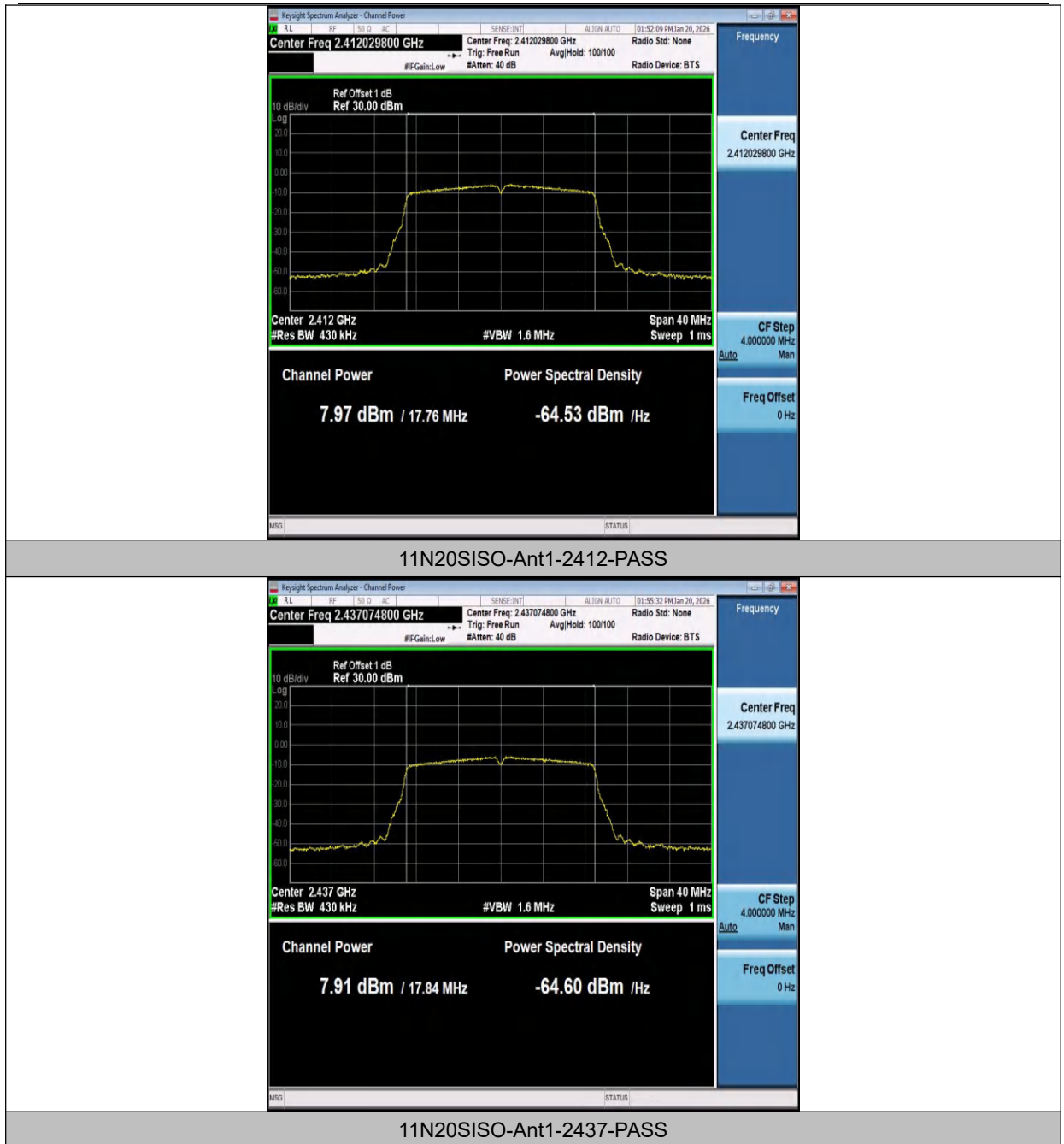
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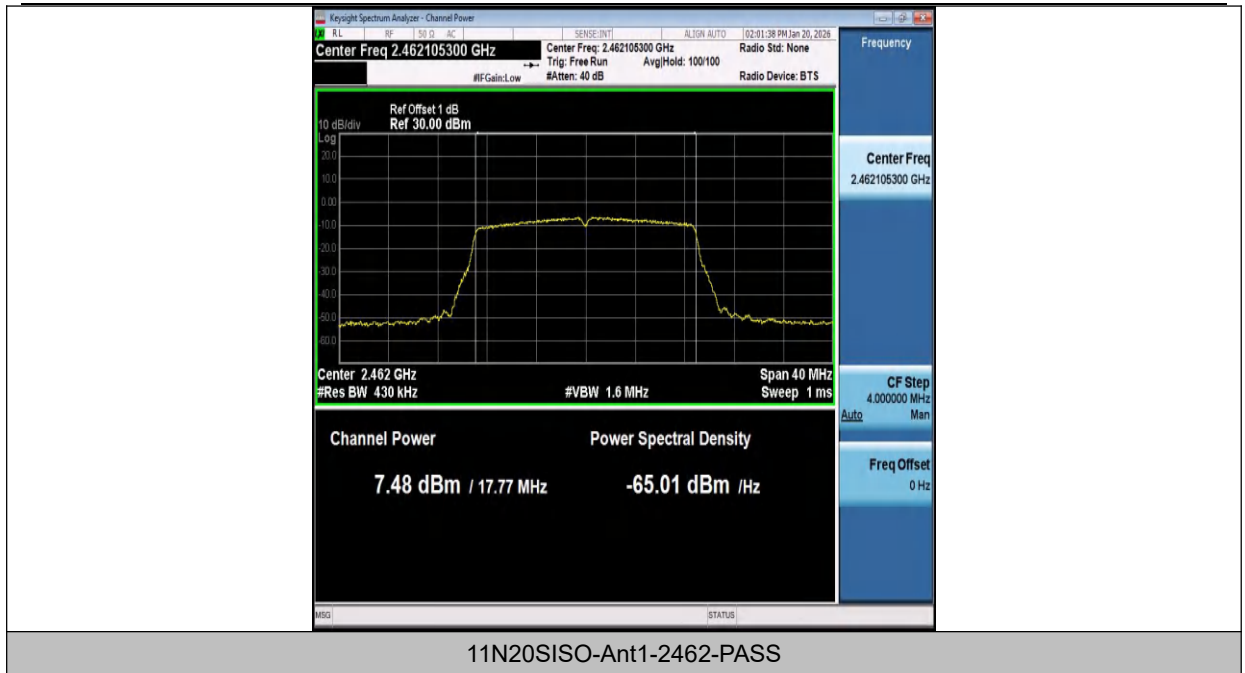
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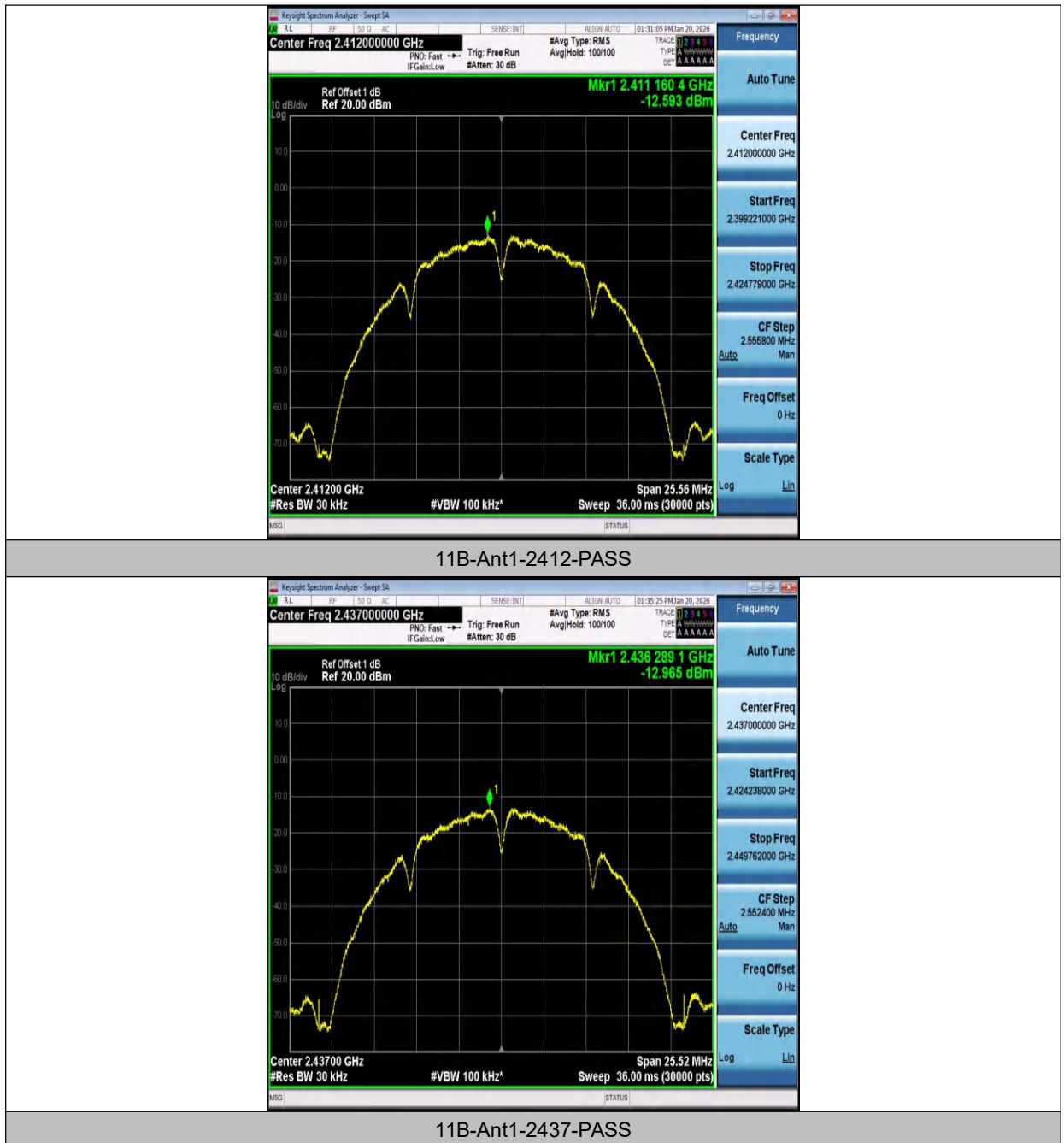
Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/30kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-12.59	≤8.00	PASS
11B	Ant1	2437	-12.97	≤8.00	PASS
11B	Ant1	2462	-13.25	≤8.00	PASS
11G	Ant1	2412	-15.25	≤8.00	PASS
11G	Ant1	2437	-15.27	≤8.00	PASS
11G	Ant1	2462	-15.90	≤8.00	PASS
11N20SISO	Ant1	2412	-16.04	≤8.00	PASS
11N20SISO	Ant1	2437	-16.02	≤8.00	PASS
11N20SISO	Ant1	2462	-16.09	≤8.00	PASS

Note: The cable loss are compensated in the graph.

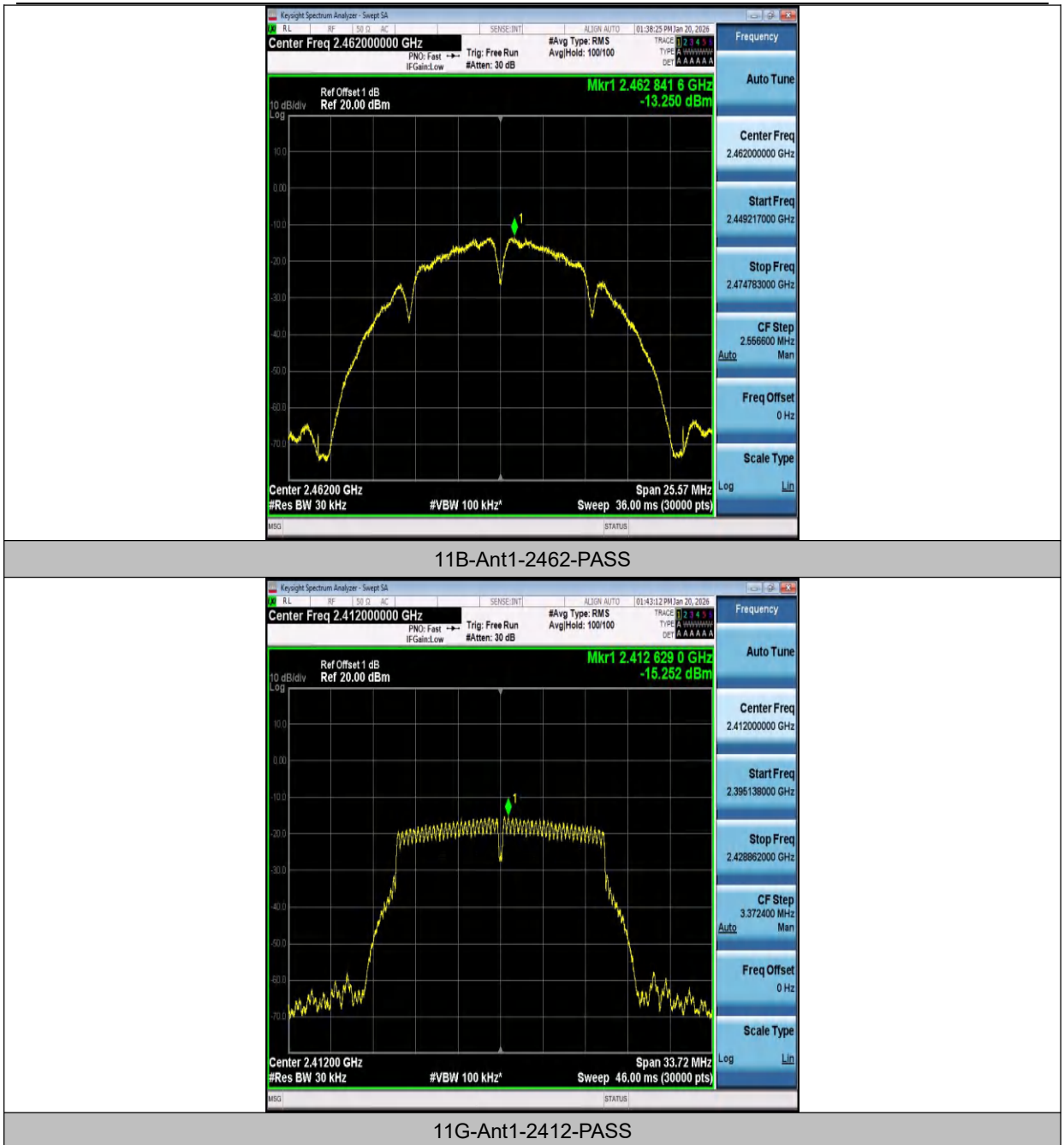
Test Graphs



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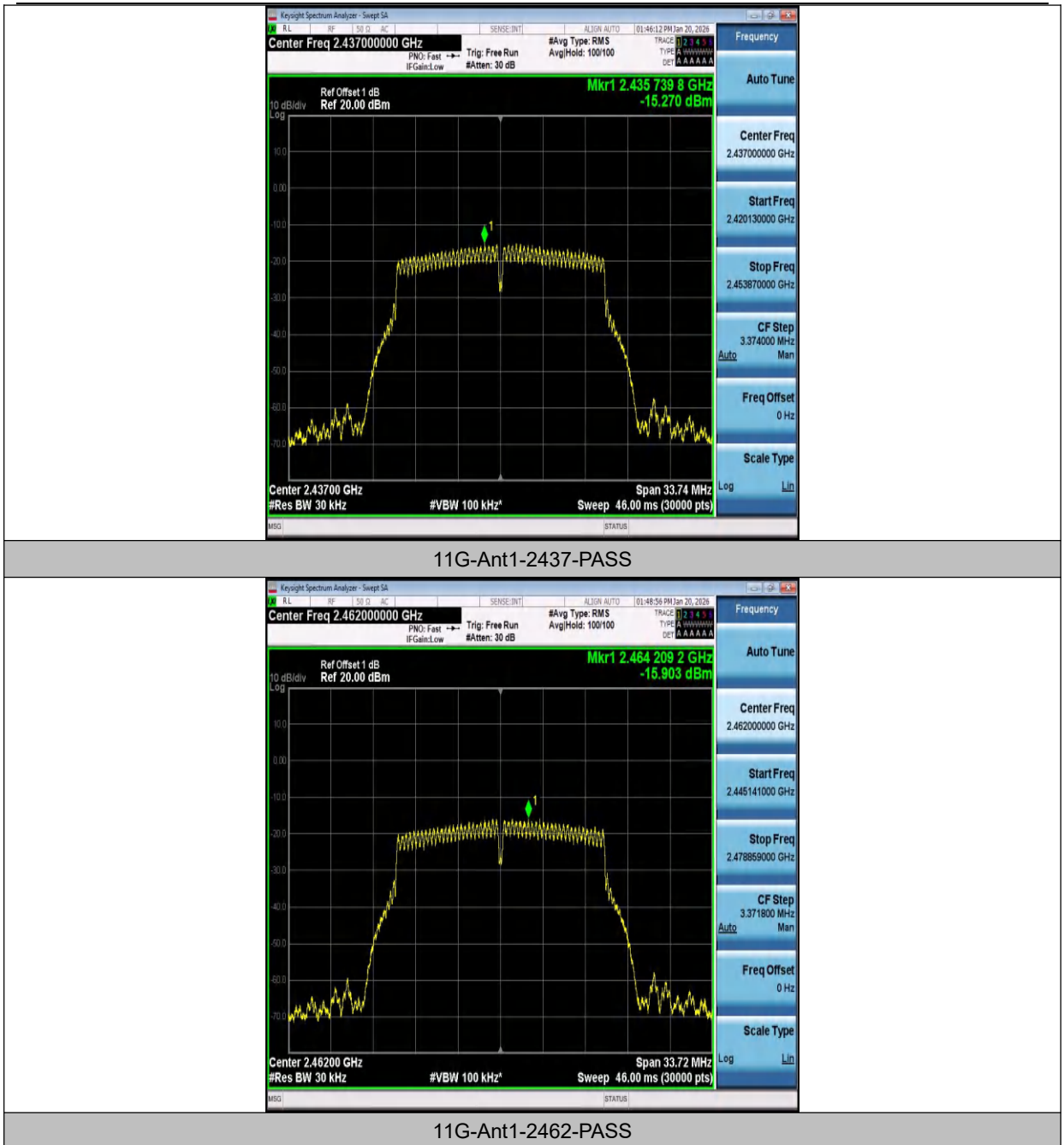
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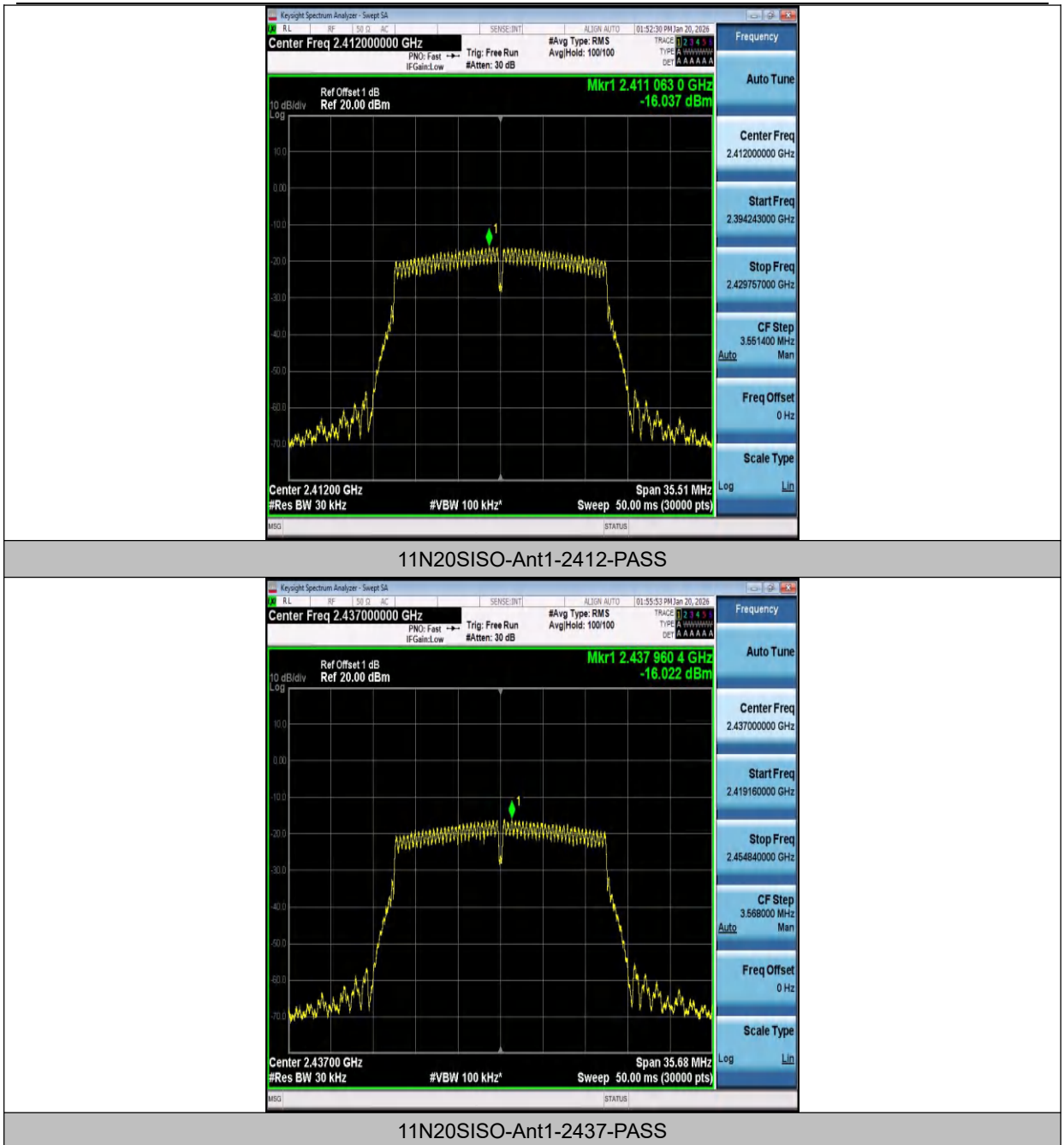
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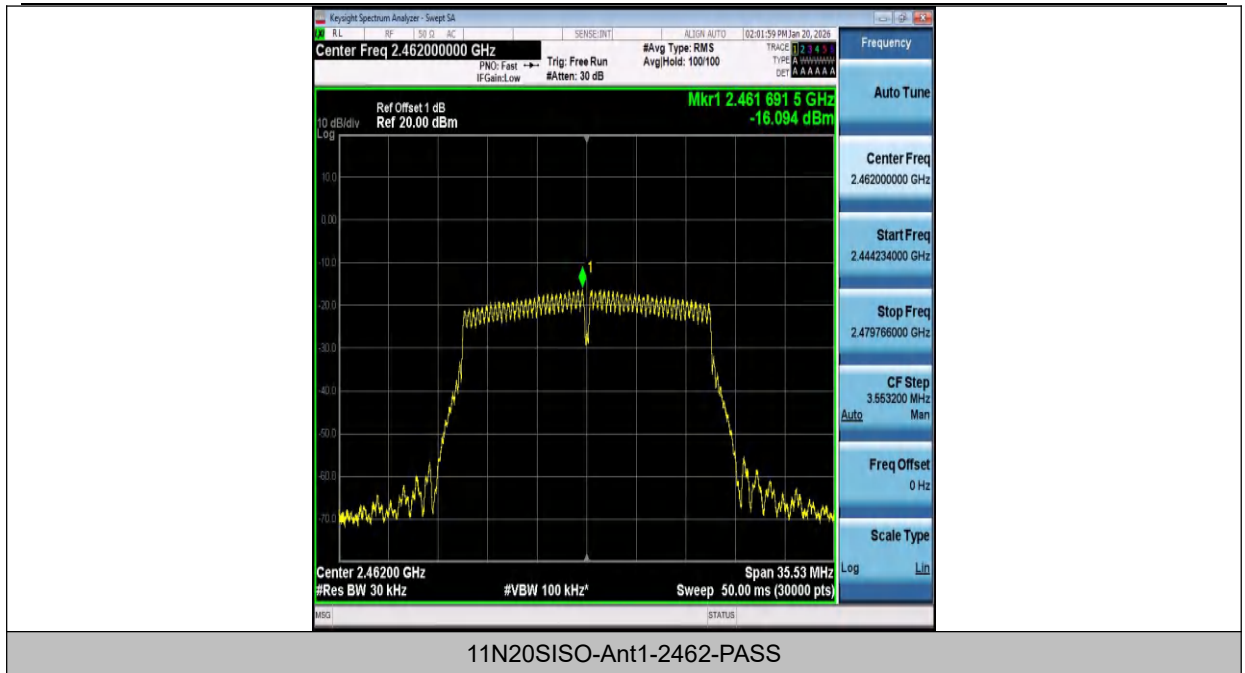
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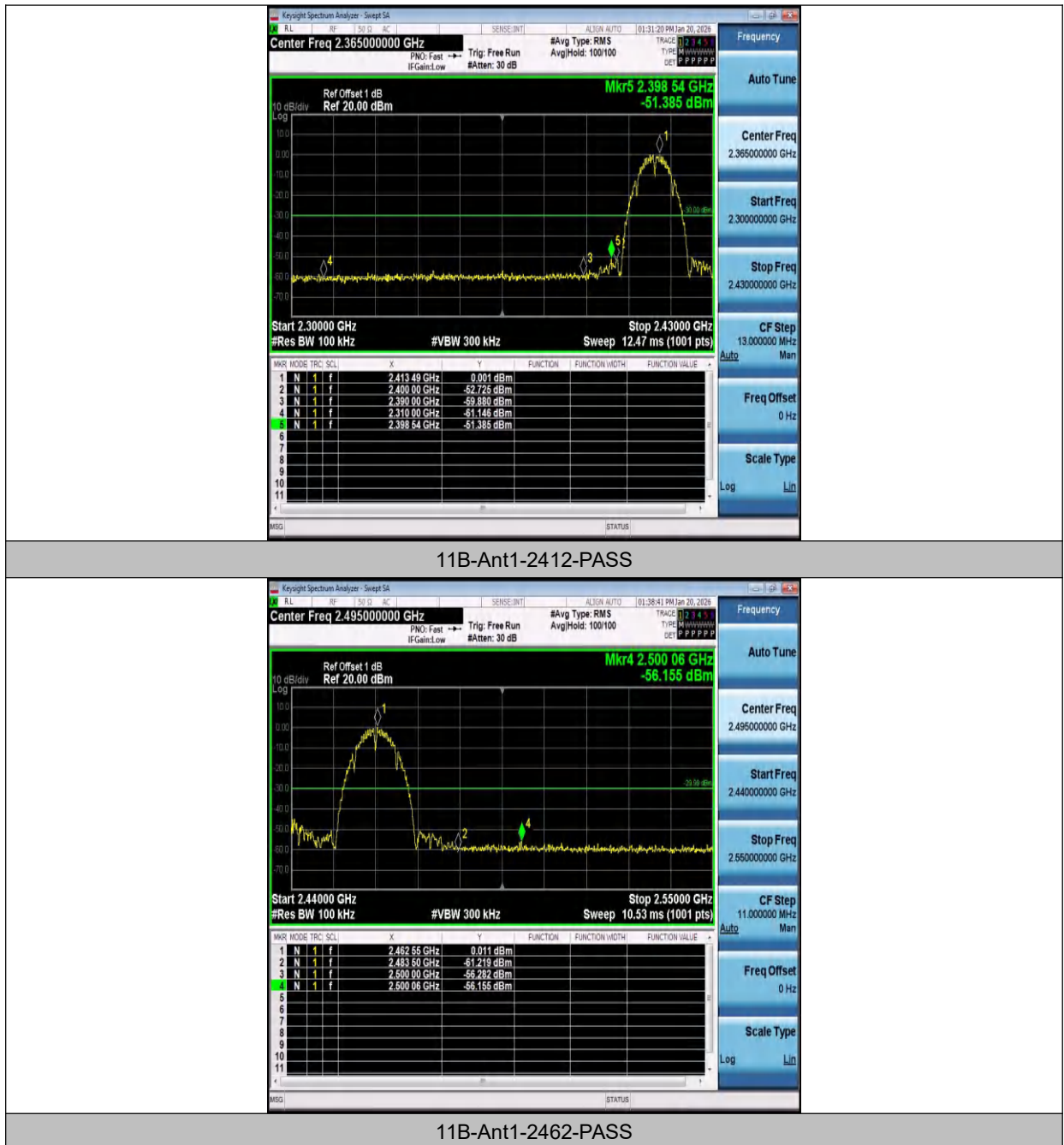
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Appendix E: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	0.00	-51.39	≤-30	PASS
11B	Ant1	High	2462	0.01	-56.16	≤-29.99	PASS
11G	Ant1	Low	2412	-5.03	-46.43	≤-35.03	PASS
11G	Ant1	High	2462	-5.83	-54.55	≤-35.83	PASS
11N20SISO	Ant1	Low	2412	-5.47	-46.93	≤-35.47	PASS
11N20SISO	Ant1	High	2462	-5.84	-53.69	≤-35.84	PASS

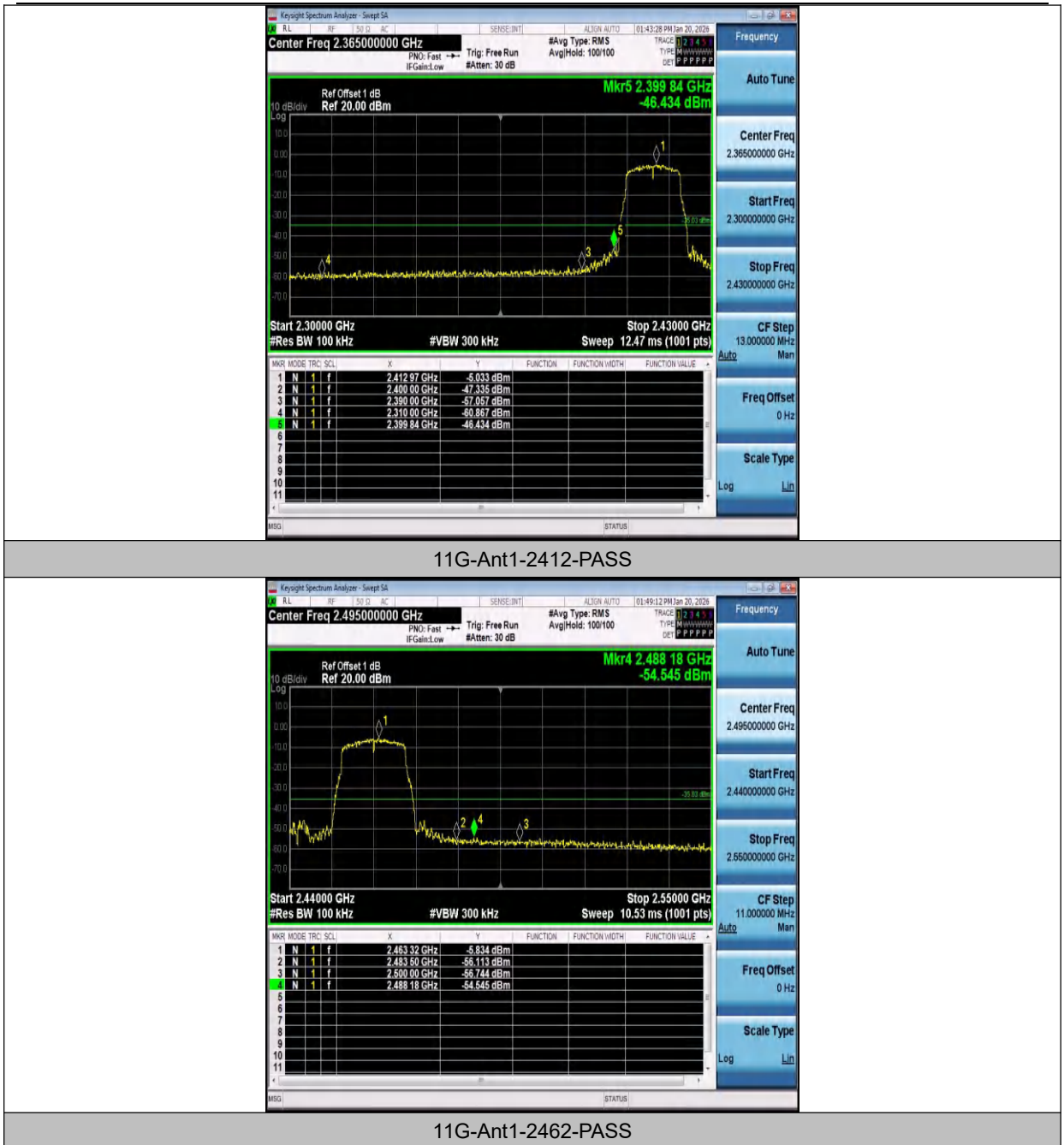
Test Graphs

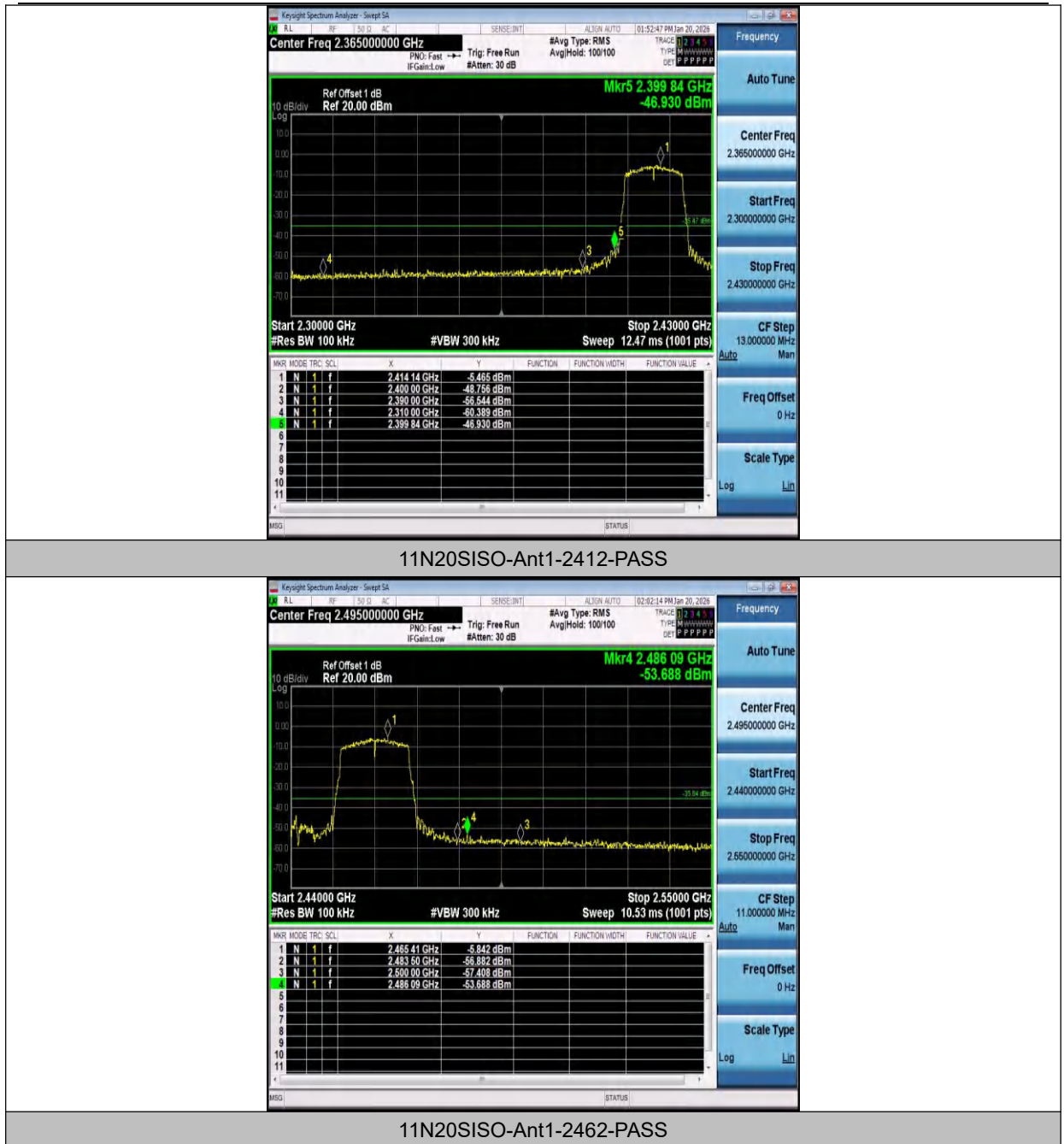


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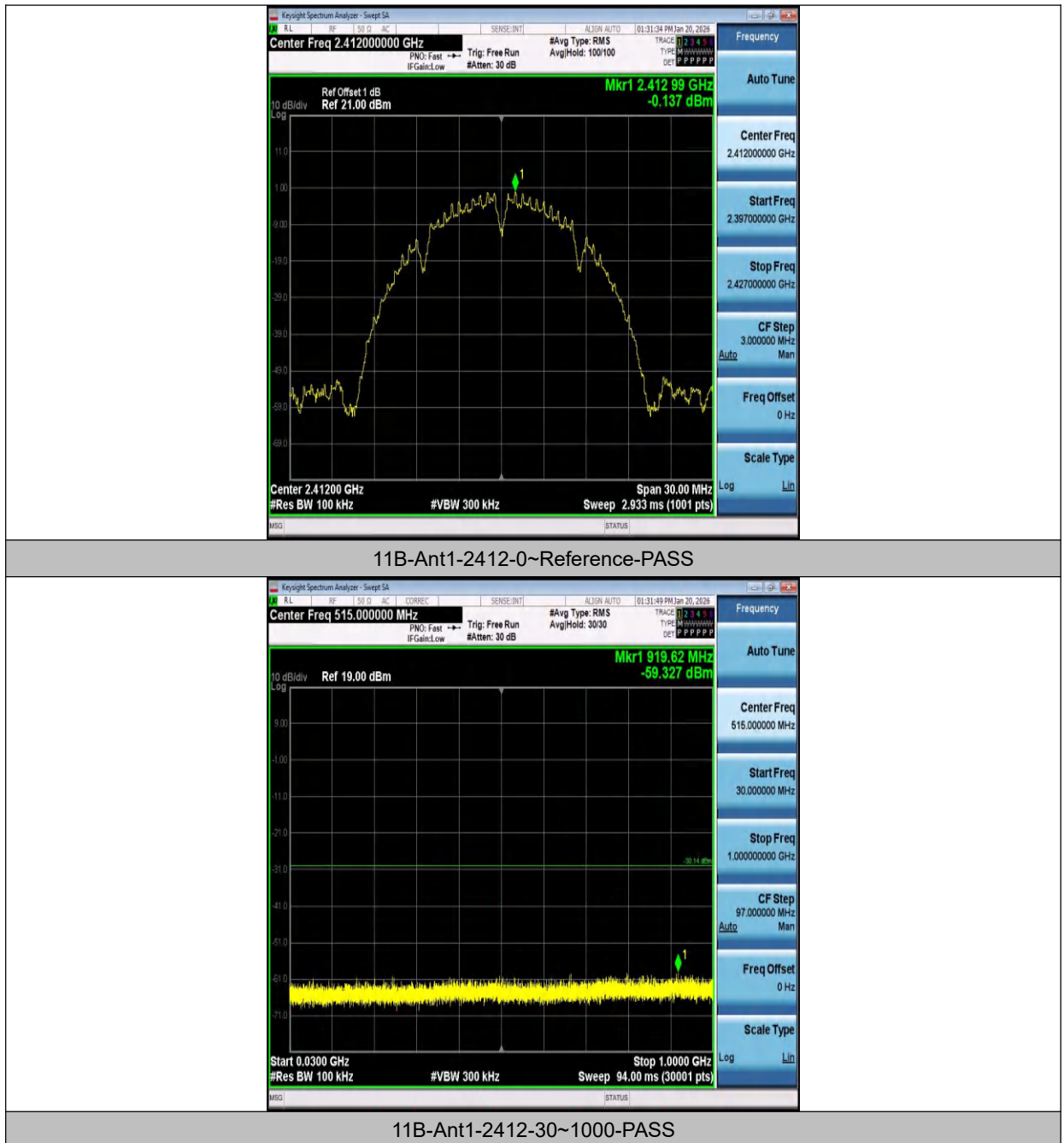
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	-0.14	-0.14	---	PASS
11B	Ant1	2412	30~1000	-0.14	-59.33	≤-30.14	PASS
11B	Ant1	2412	1000~26500	-0.14	-48.52	≤-30.14	PASS
11B	Ant1	2437	0~Reference	-0.04	-0.04	---	PASS
11B	Ant1	2437	30~1000	-0.04	-58.83	≤-30.04	PASS
11B	Ant1	2437	1000~26500	-0.04	-48.2	≤-30.04	PASS
11B	Ant1	2462	0~Reference	-0.70	-0.70	---	PASS
11B	Ant1	2462	30~1000	-0.70	-59.64	≤-30.7	PASS
11B	Ant1	2462	1000~26500	-0.70	-48.23	≤-30.7	PASS
11G	Ant1	2412	0~Reference	-4.99	-4.99	---	PASS
11G	Ant1	2412	30~1000	-4.99	-59.43	≤-34.99	PASS
11G	Ant1	2412	1000~26500	-4.99	-48.65	≤-34.99	PASS
11G	Ant1	2437	0~Reference	-4.85	-4.85	---	PASS
11G	Ant1	2437	30~1000	-4.85	-58.9	≤-34.85	PASS
11G	Ant1	2437	1000~26500	-4.85	-47.92	≤-34.85	PASS
11G	Ant1	2462	0~Reference	-5.69	-5.69	---	PASS
11G	Ant1	2462	30~1000	-5.69	-59.2	≤-35.69	PASS
11G	Ant1	2462	1000~26500	-5.69	-48.78	≤-35.69	PASS
11N20SISO	Ant1	2412	0~Reference	-5.39	-5.39	---	PASS
11N20SISO	Ant1	2412	30~1000	-5.39	-58.89	≤-35.39	PASS
11N20SISO	Ant1	2412	1000~26500	-5.39	-48.86	≤-35.39	PASS
11N20SISO	Ant1	2437	0~Reference	-5.64	-5.64	---	PASS
11N20SISO	Ant1	2437	30~1000	-5.64	-59.07	≤-35.64	PASS
11N20SISO	Ant1	2437	1000~26500	-5.64	-47.89	≤-35.64	PASS
11N20SISO	Ant1	2462	0~Reference	-5.87	-5.87	---	PASS
11N20SISO	Ant1	2462	30~1000	-5.87	-59.8	≤-35.87	PASS
11N20SISO	Ant1	2462	1000~26500	-5.87	-48.15	≤-35.87	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.

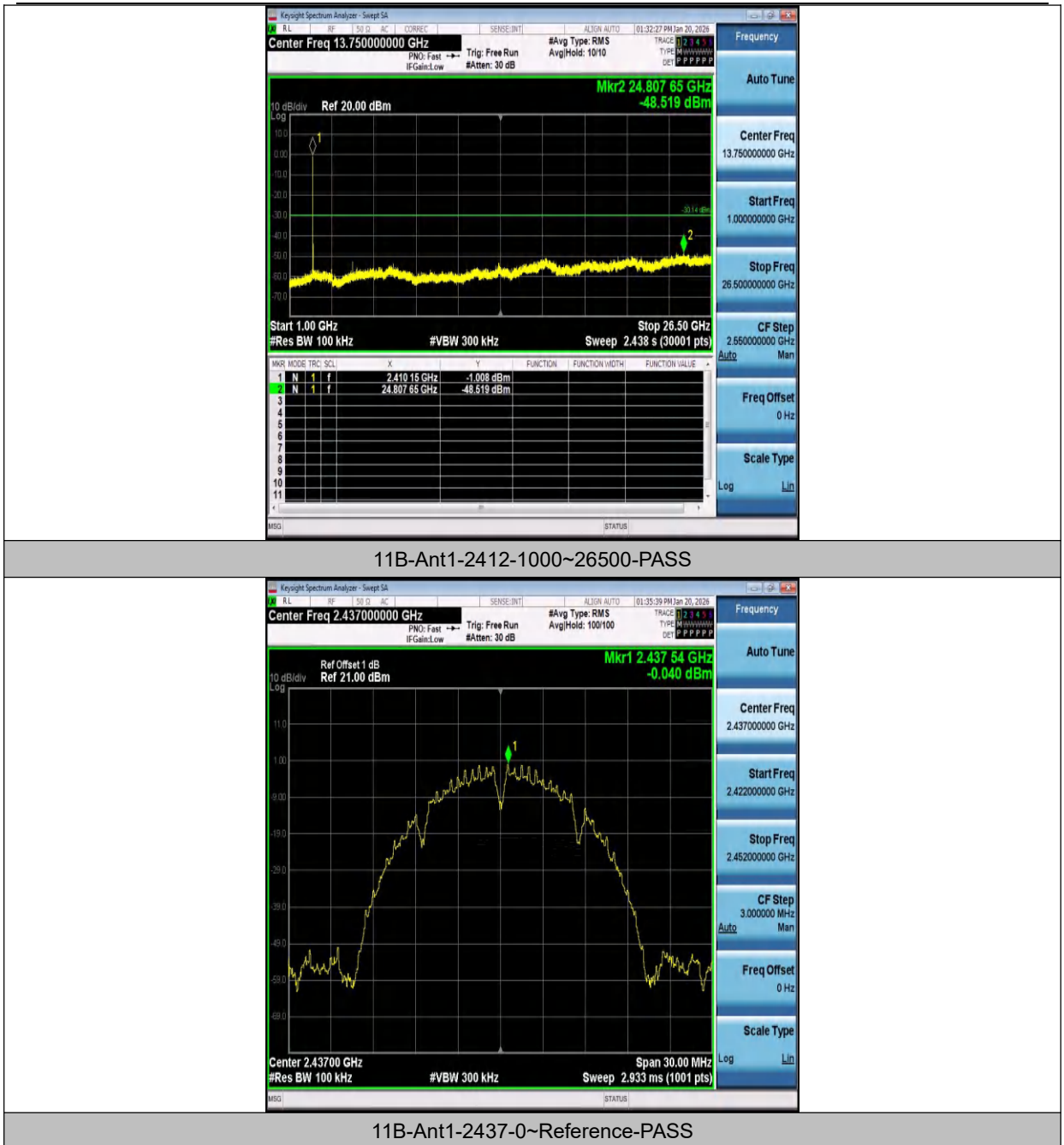
Test Graphs



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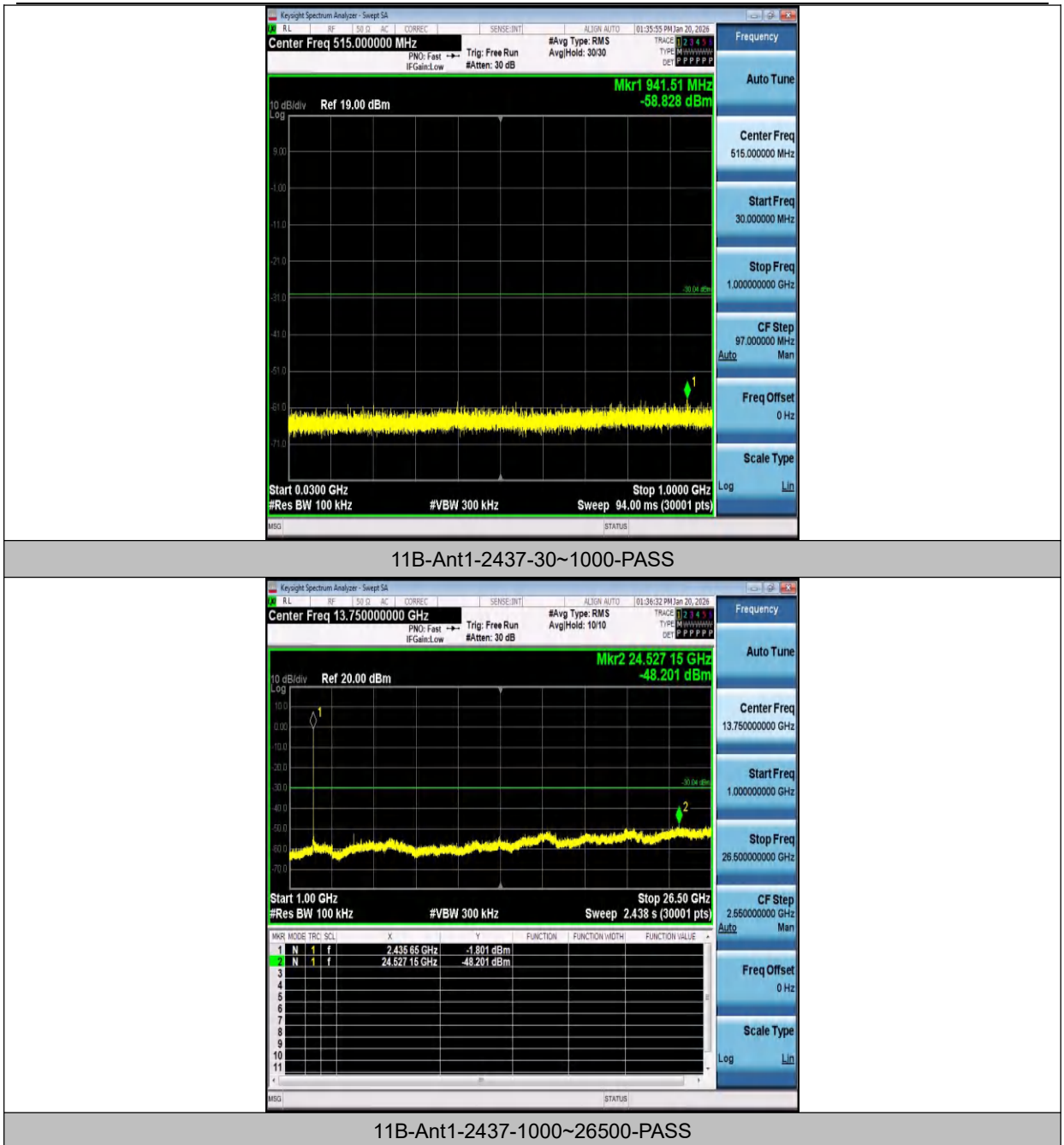
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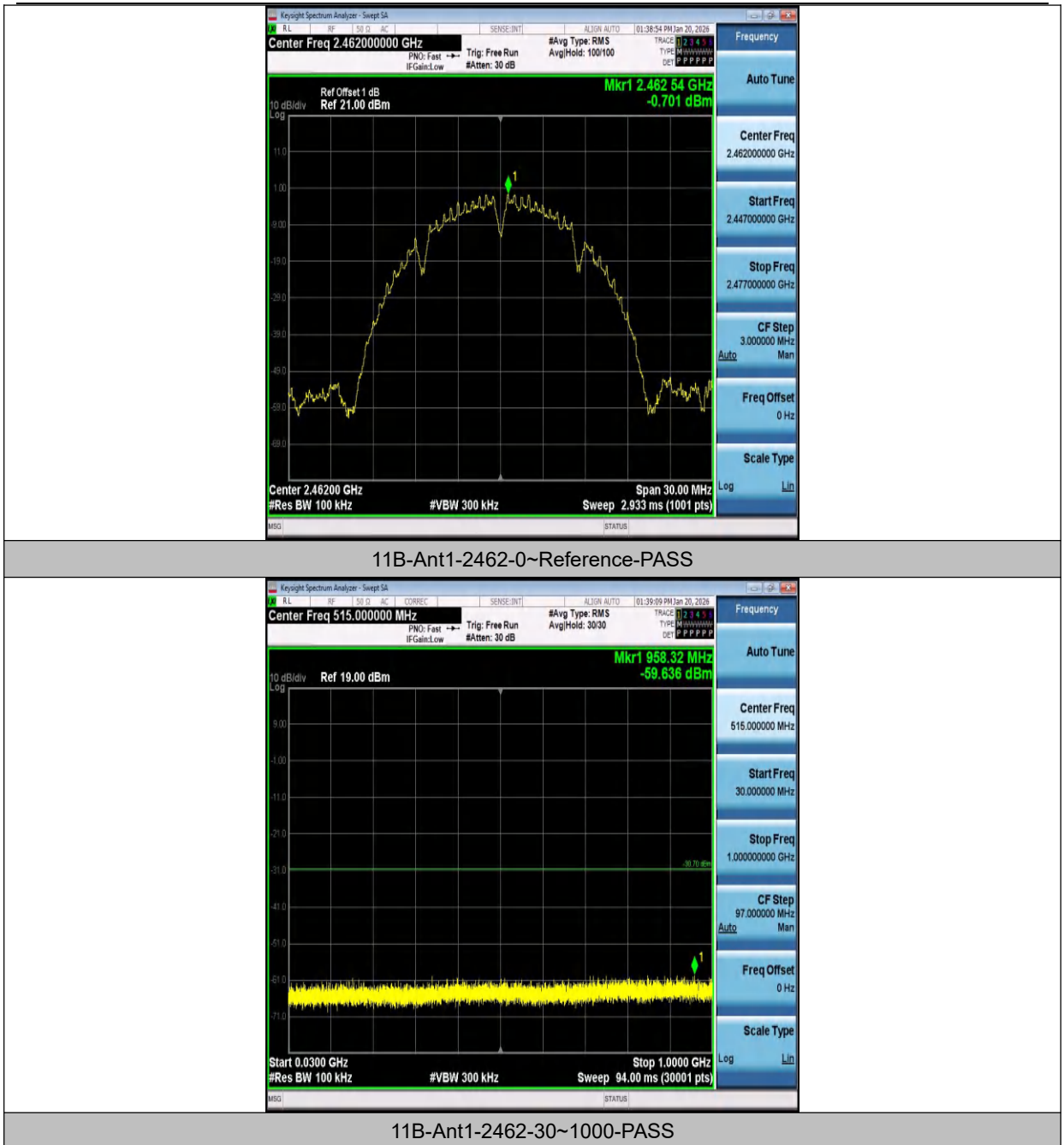
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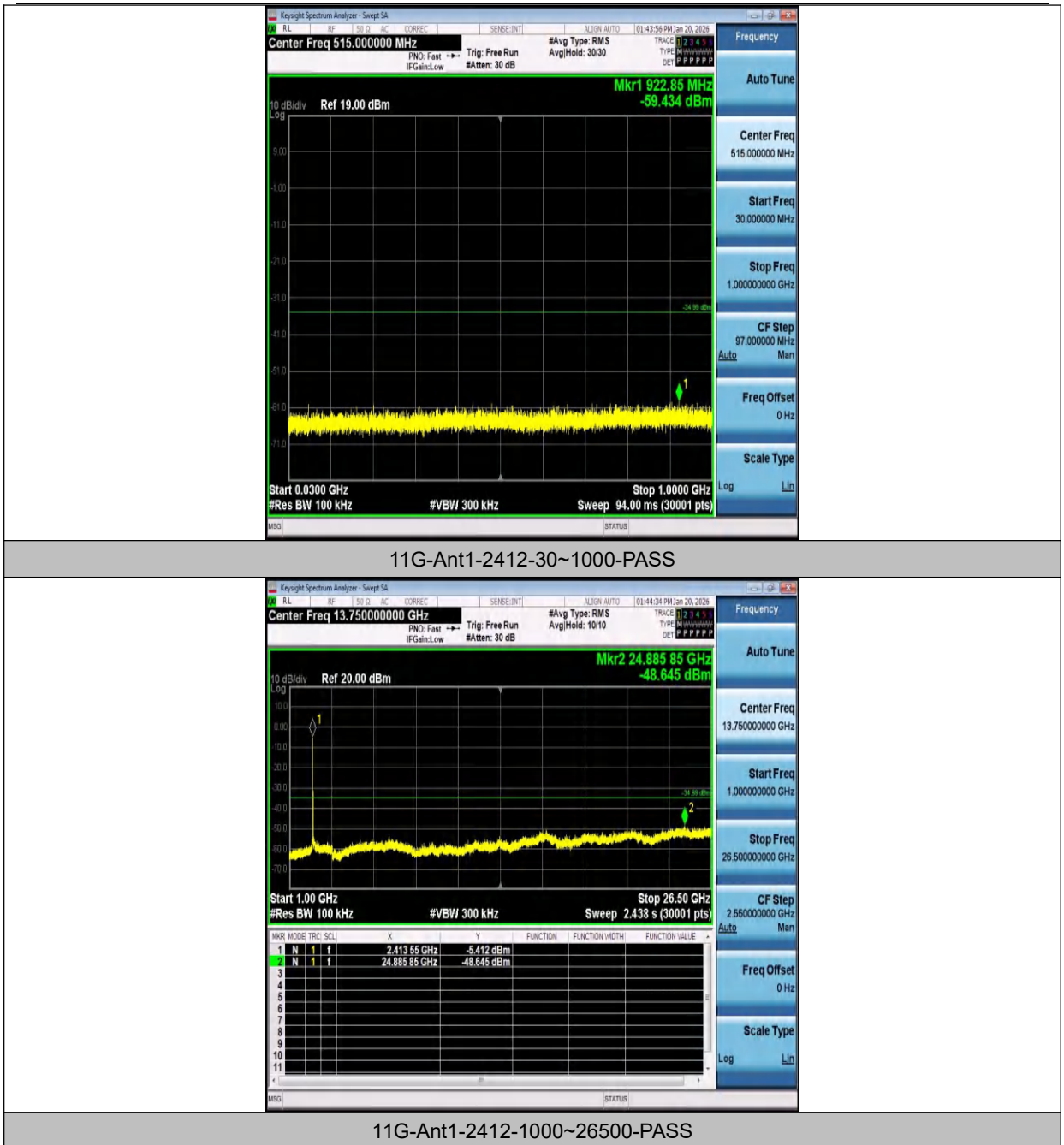
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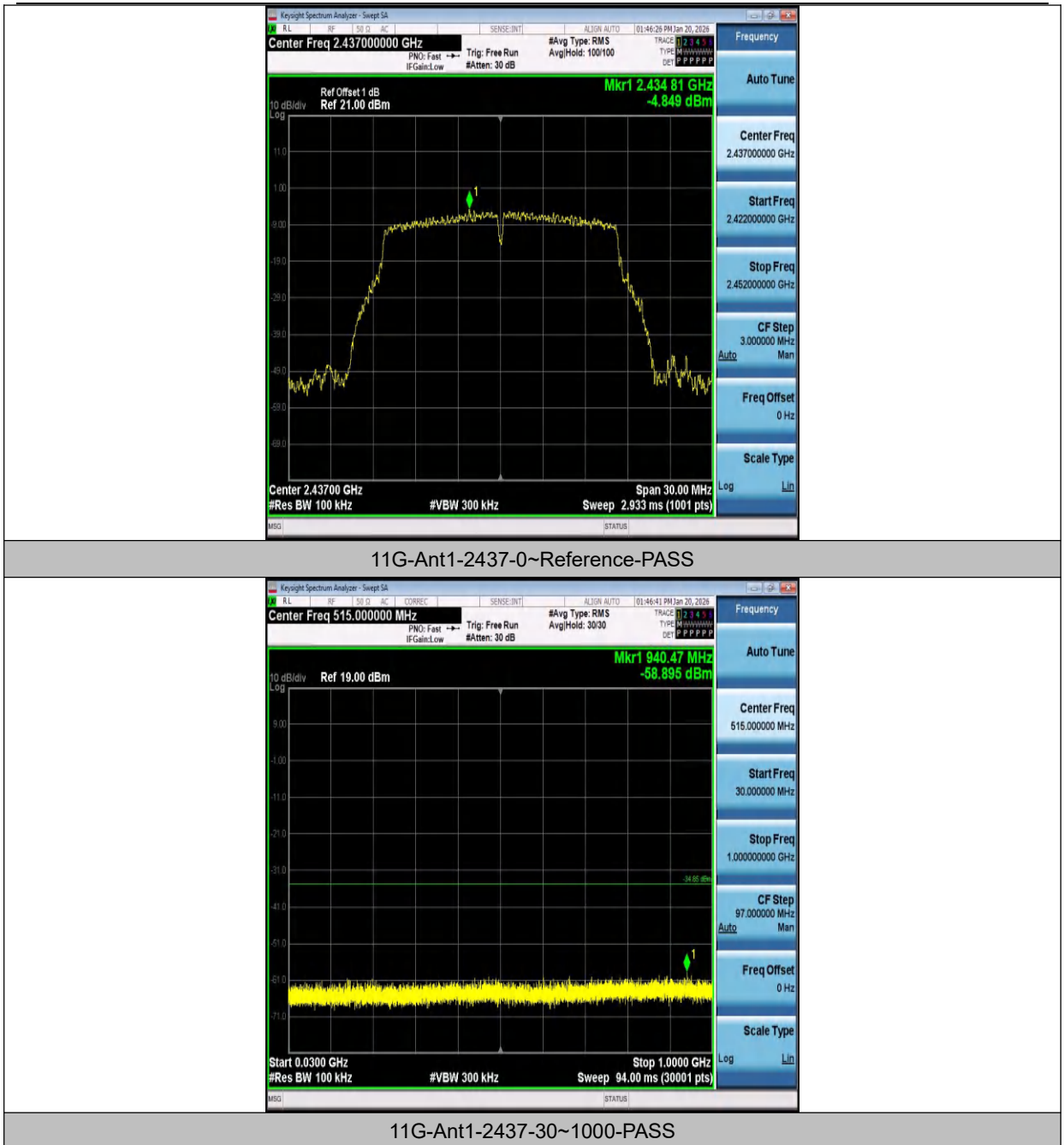
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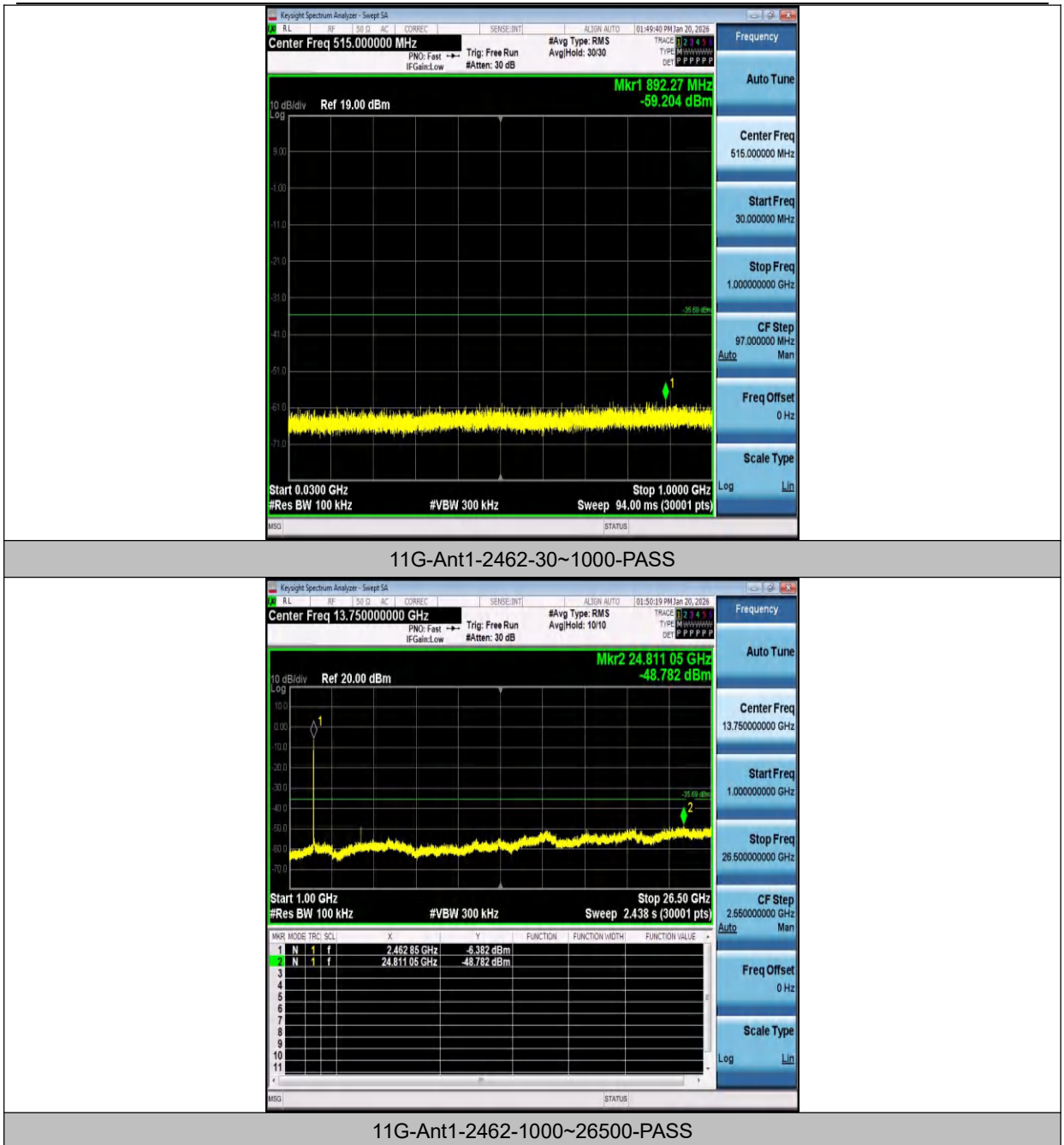
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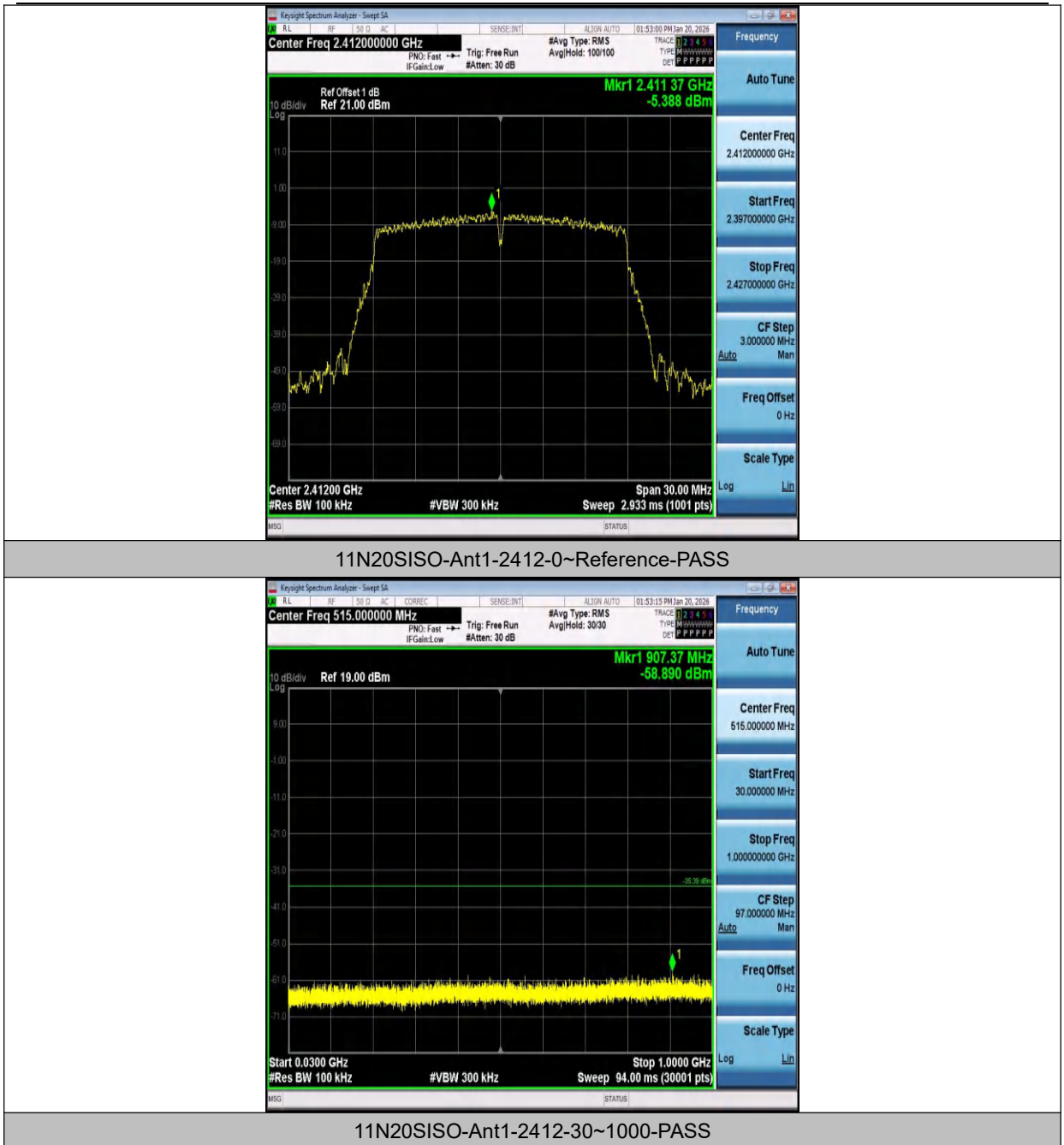
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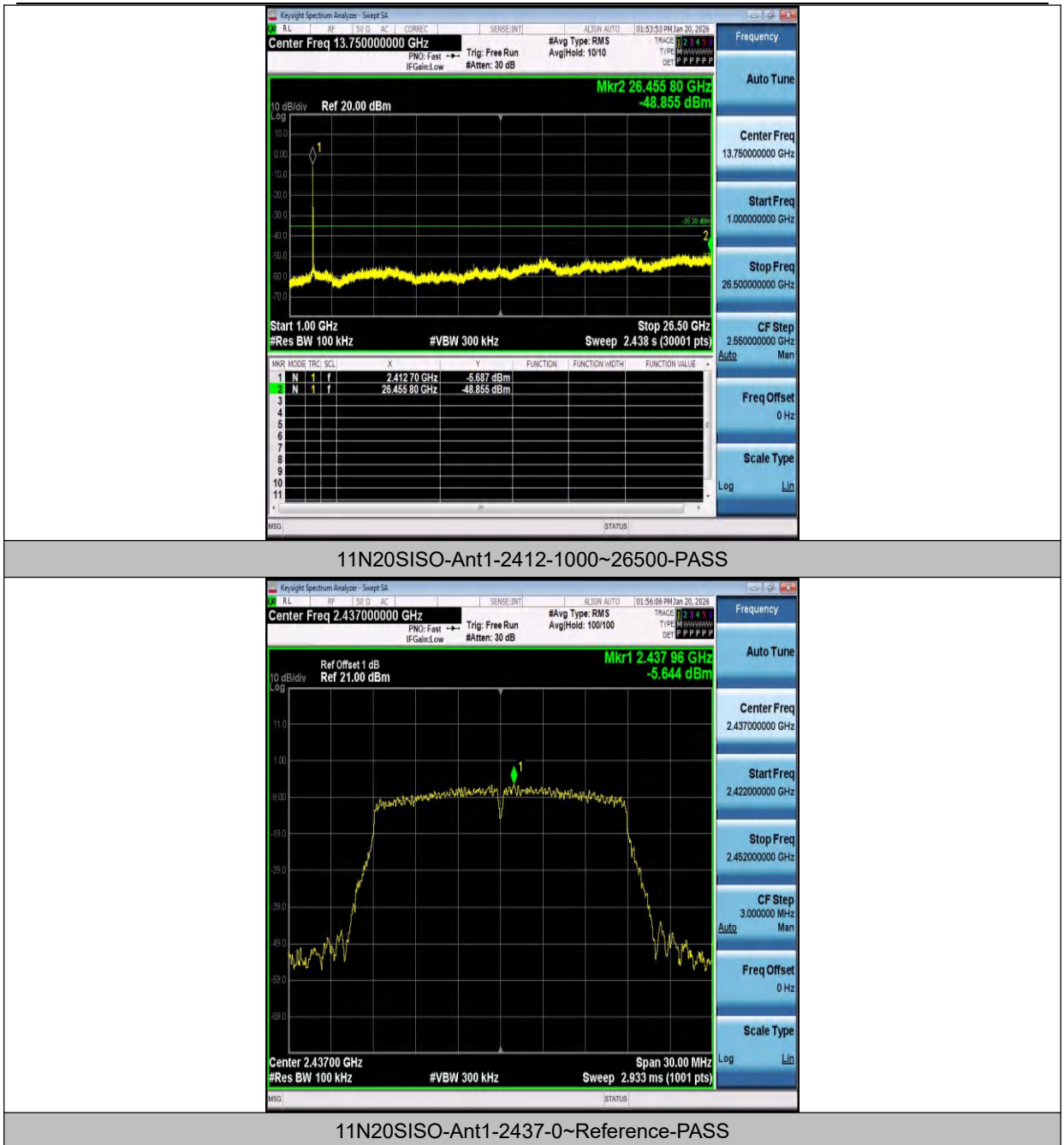
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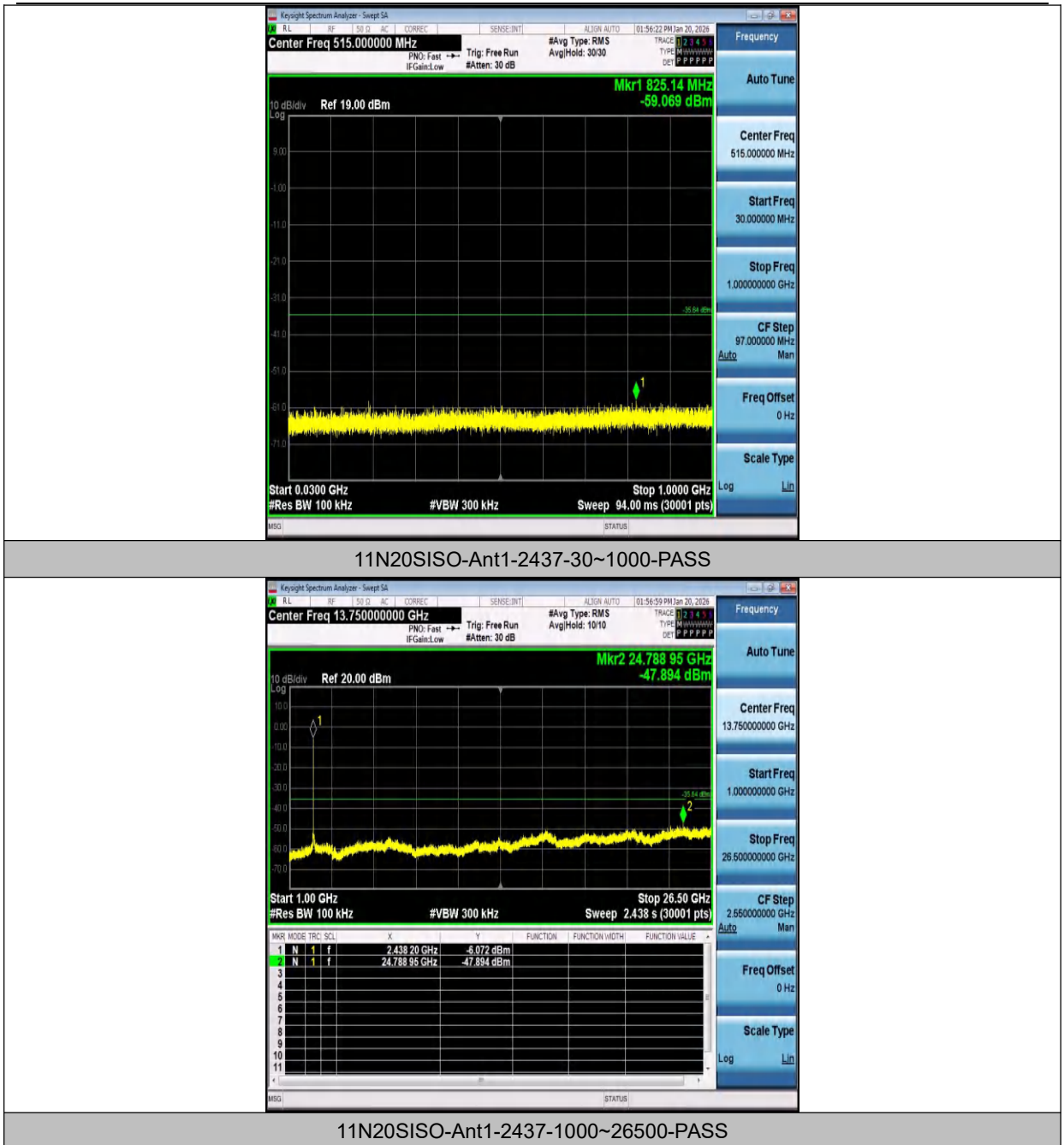
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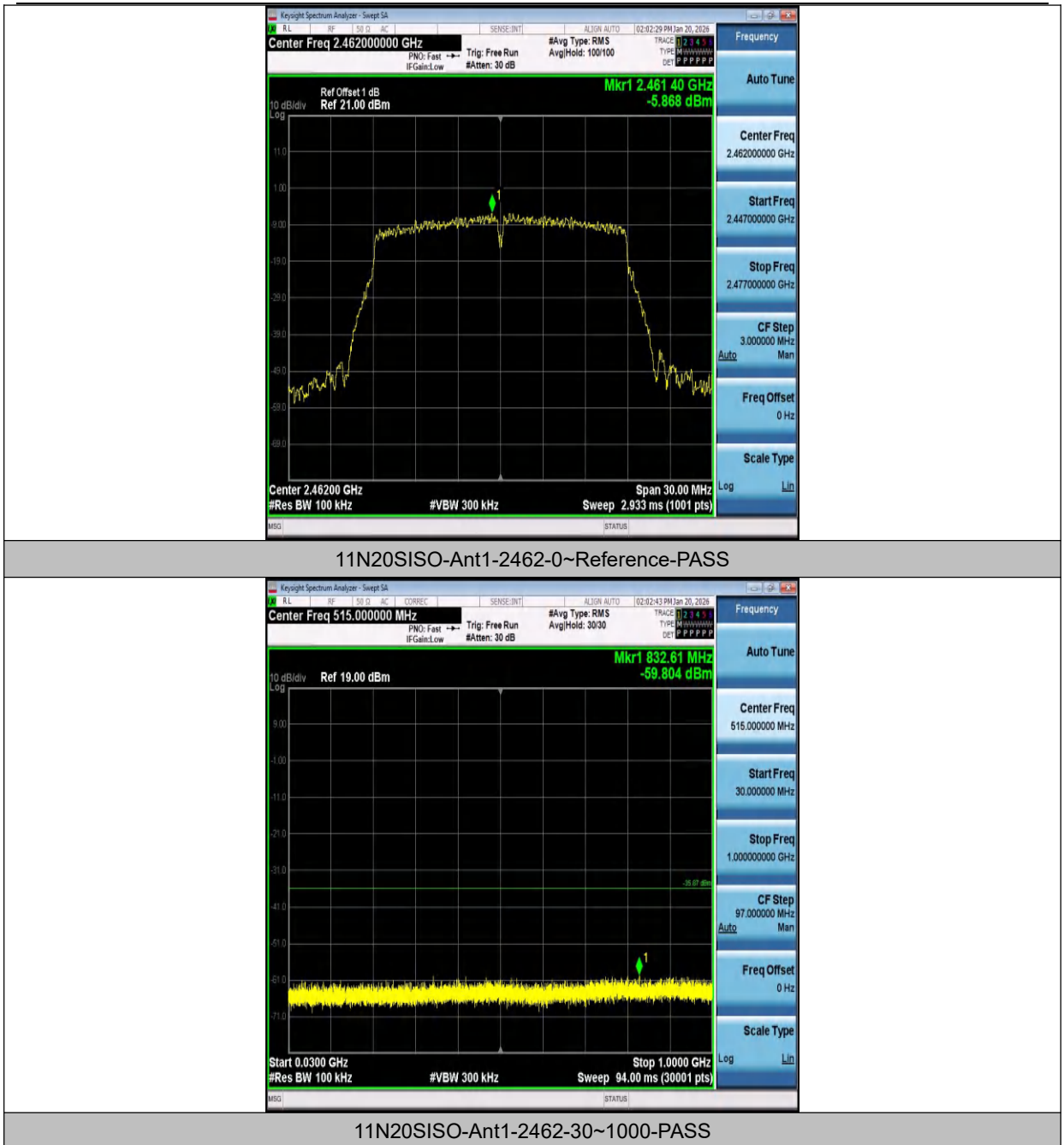
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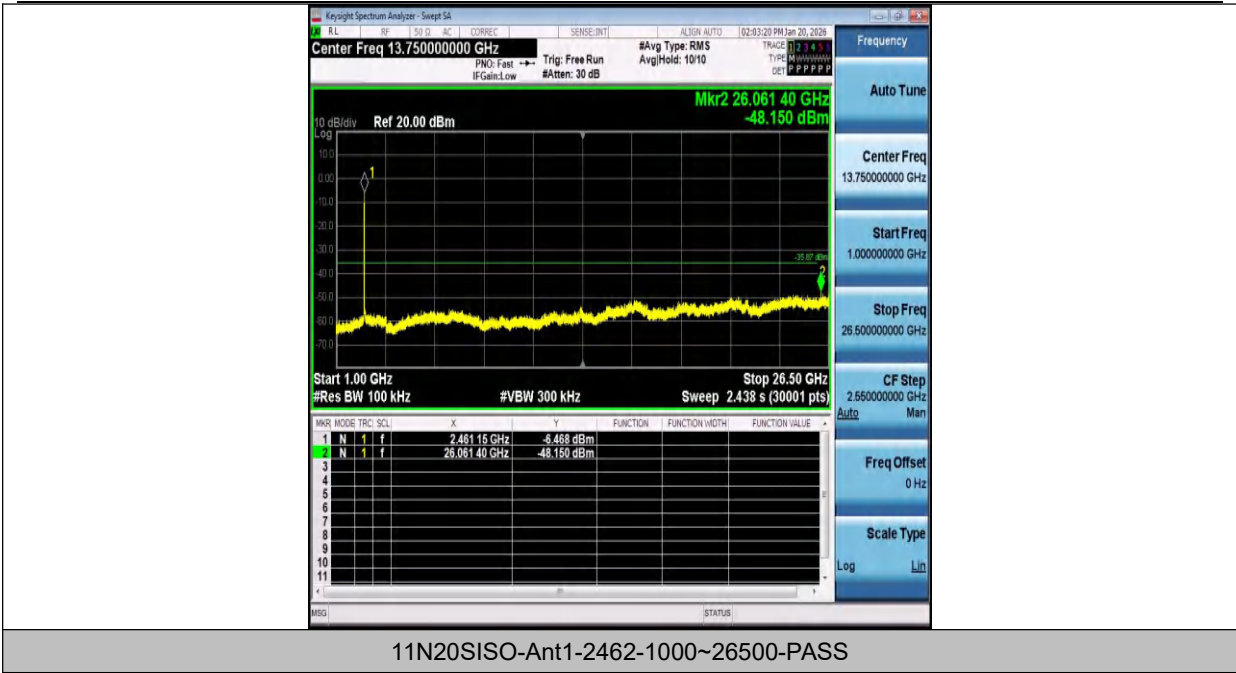
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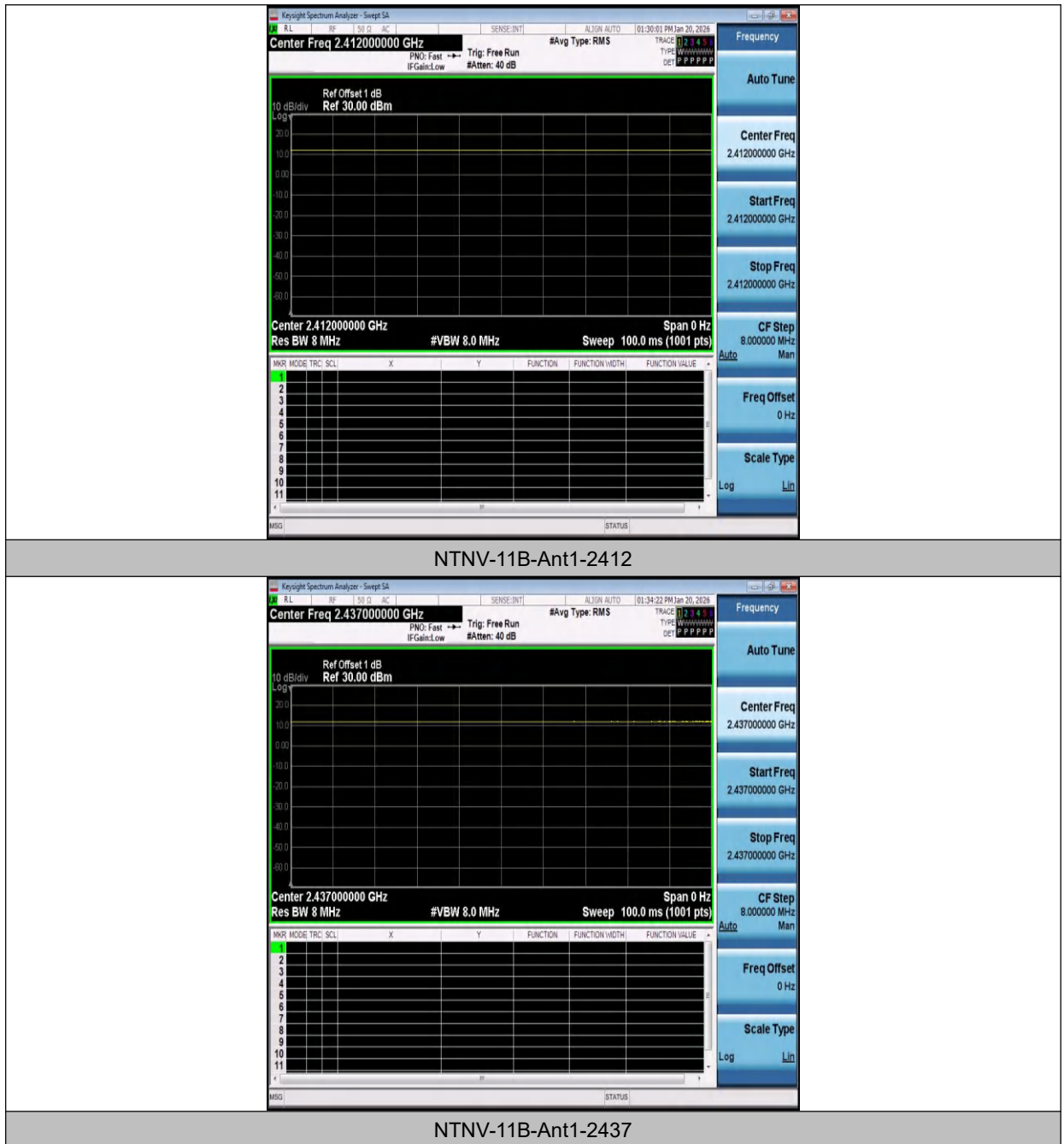
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Appendix G: Duty Cycle

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

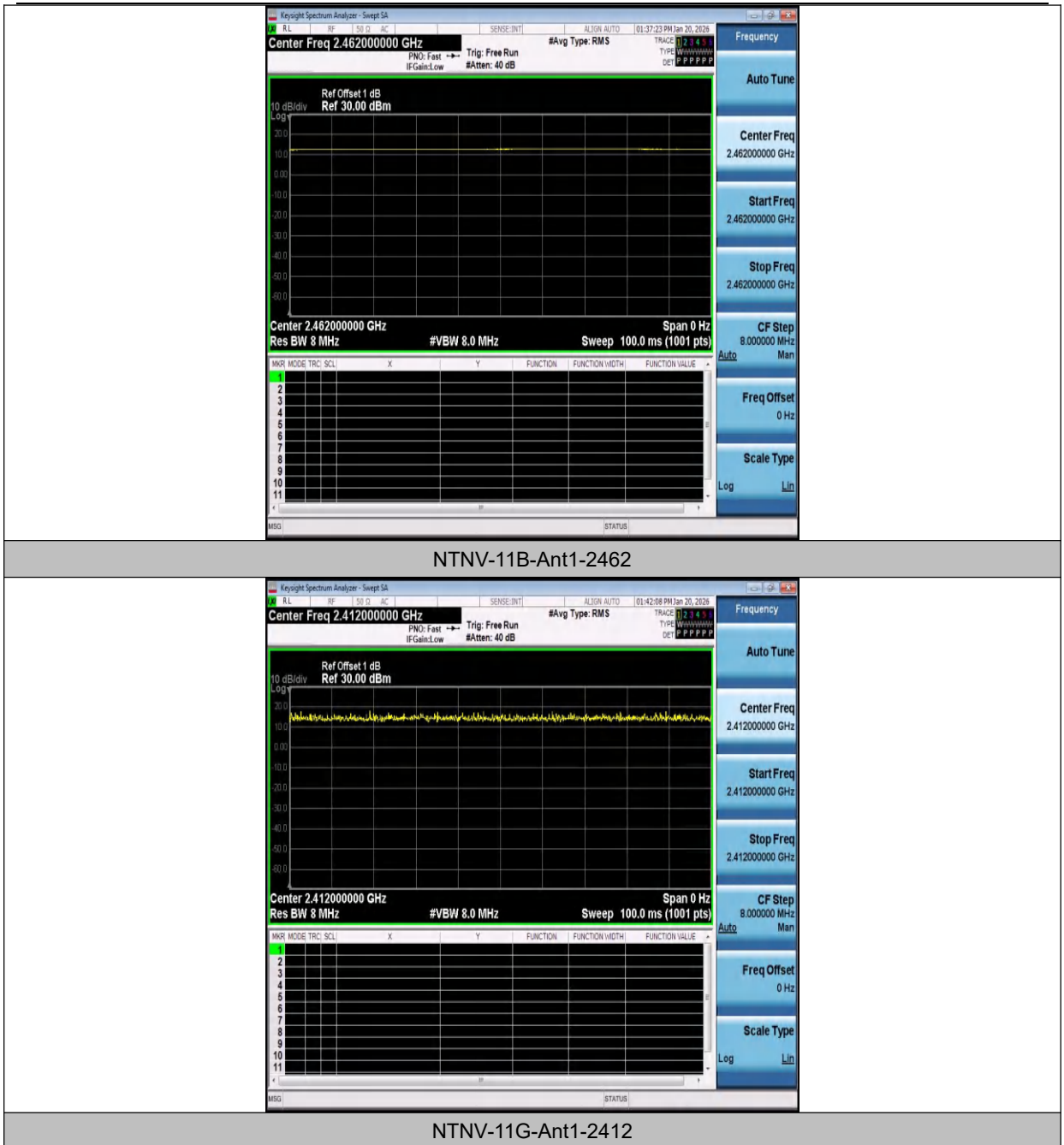
Test Graphs



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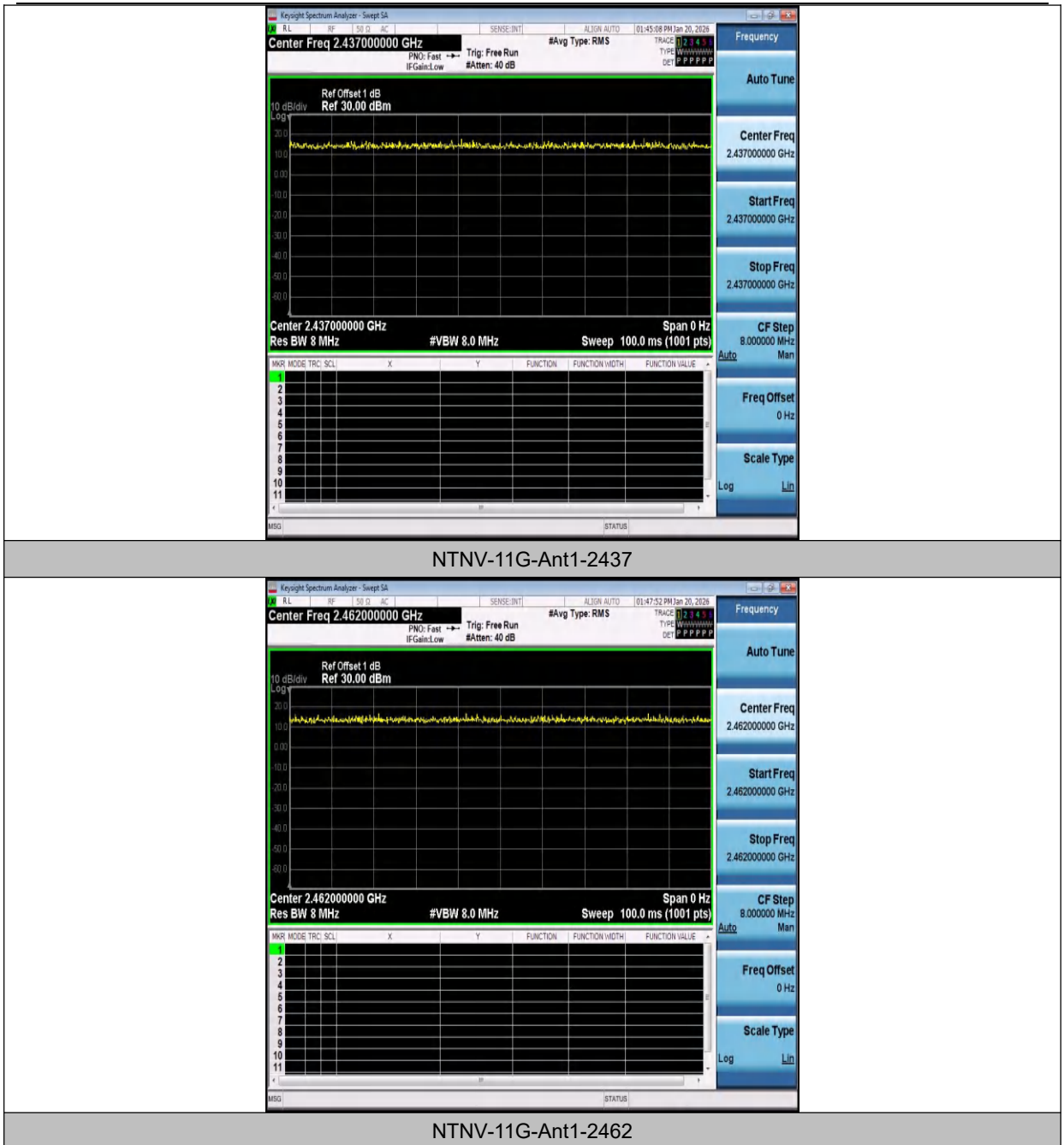
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com



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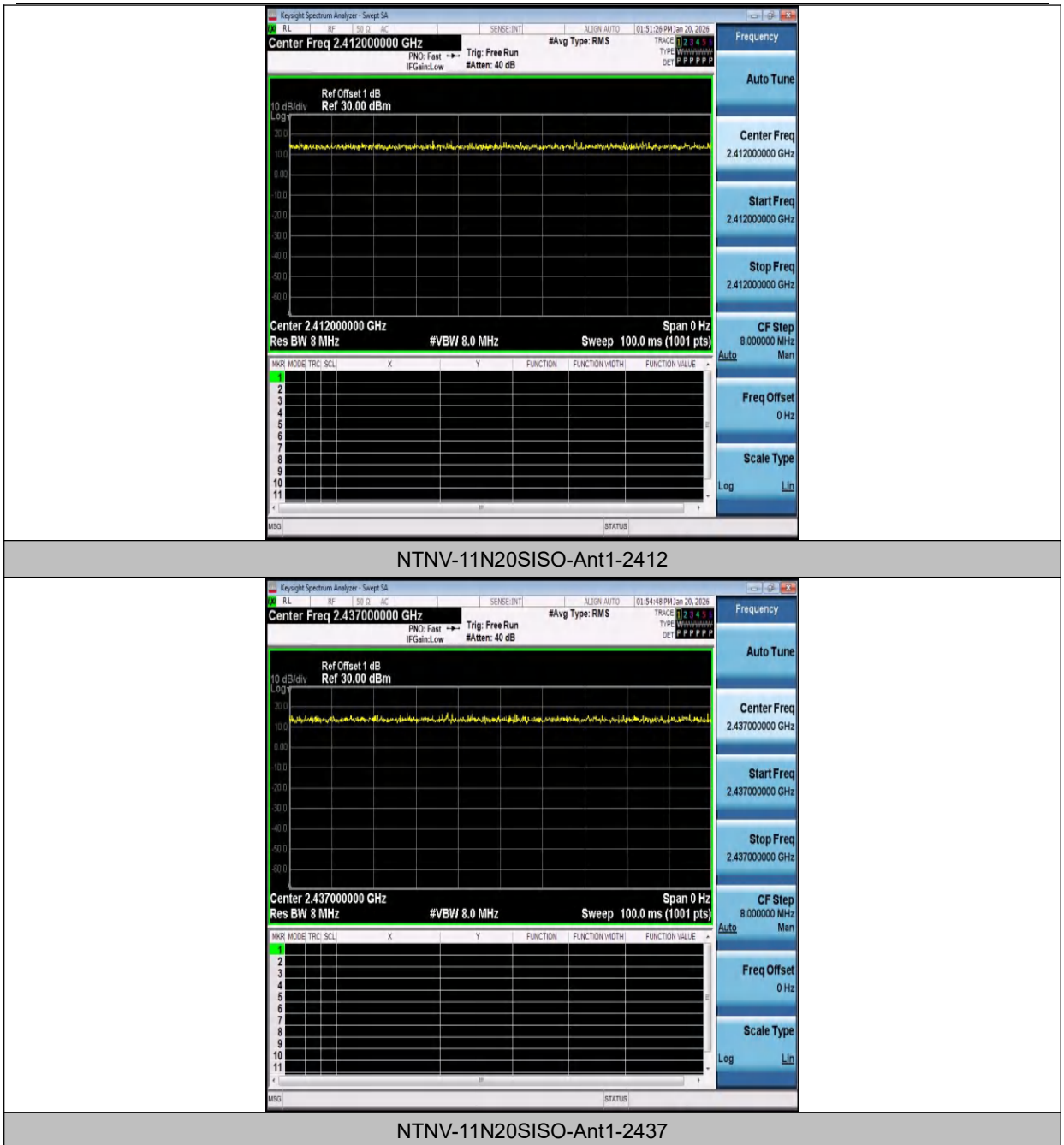
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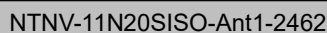
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