

Appendix Test Data

Report No.:	1812C60334012502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-6-17	Finish Test Date:	2026-7-10
Test Engineer:	Huisen Guan	Auditor:	Justin Feng
Temperature:	24.7°C	Relative Humidity:	61%
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	8.680	2407.960	2416.640	0.5	PASS
11B	Ant1	2437	8.240	2431.920	2440.160	0.5	PASS
11B	Ant1	2462	8.680	2457.920	2466.600	0.5	PASS
11G	Ant1	2412	16.400	2403.920	2420.320	0.5	PASS
11G	Ant1	2437	16.320	2428.920	2445.240	0.5	PASS
11G	Ant1	2462	16.240	2453.840	2470.080	0.5	PASS
11N20SISO	Ant1	2412	14.720	2404.400	2419.120	0.5	PASS
11N20SISO	Ant1	2437	18.240	2428.120	2446.360	0.5	PASS
11N20SISO	Ant1	2462	17.400	2453.160	2470.560	0.5	PASS

Test Graphs

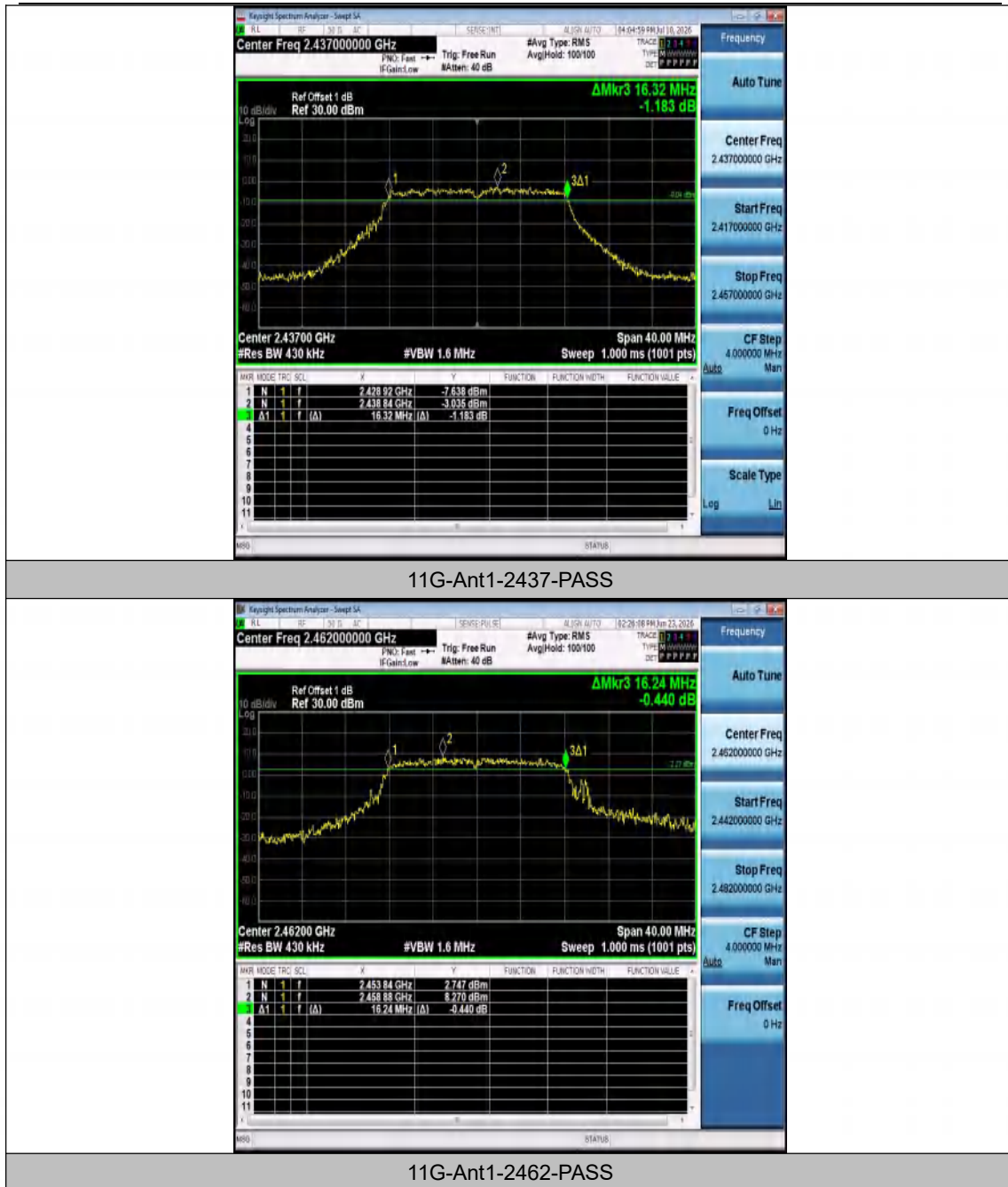


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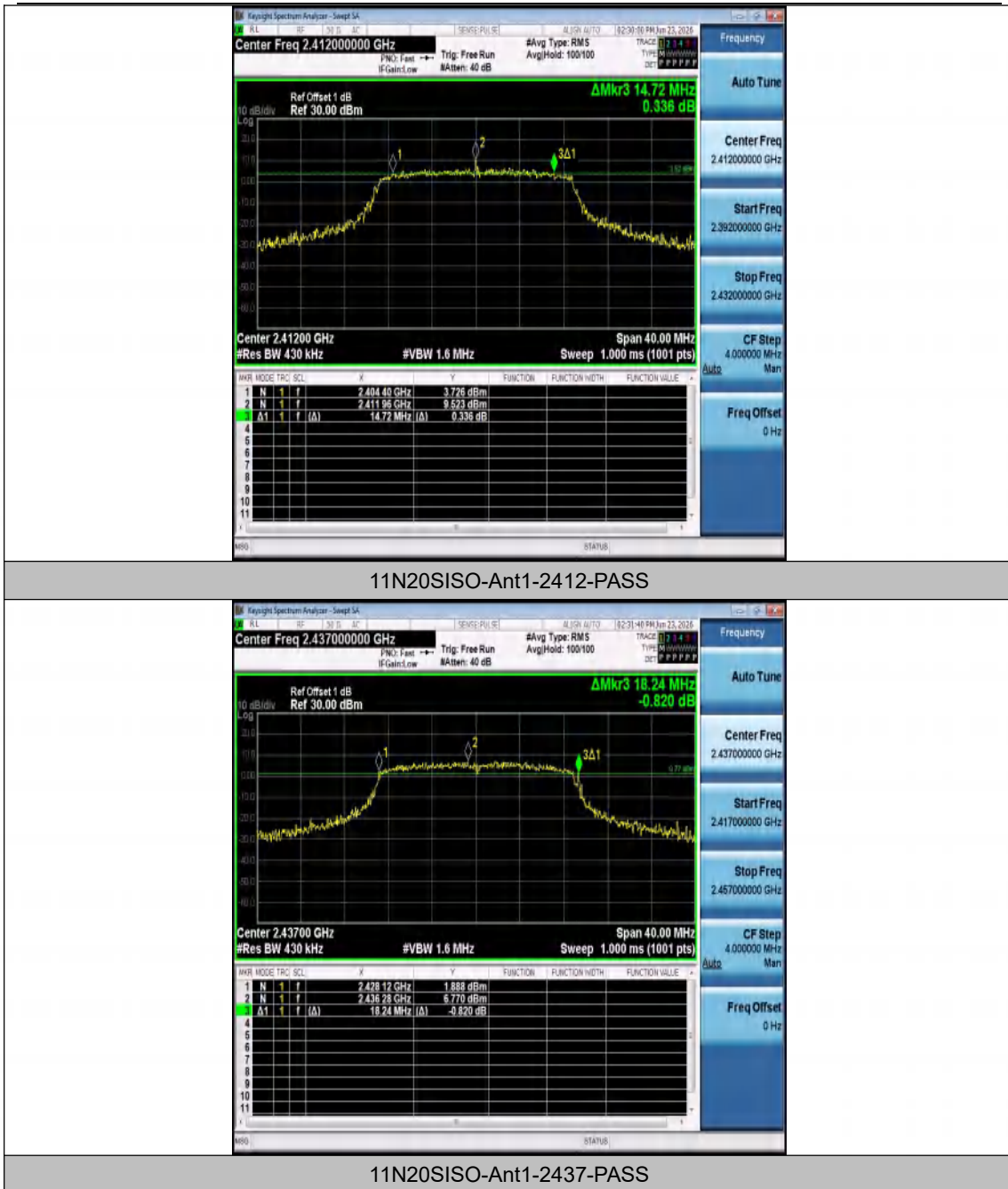


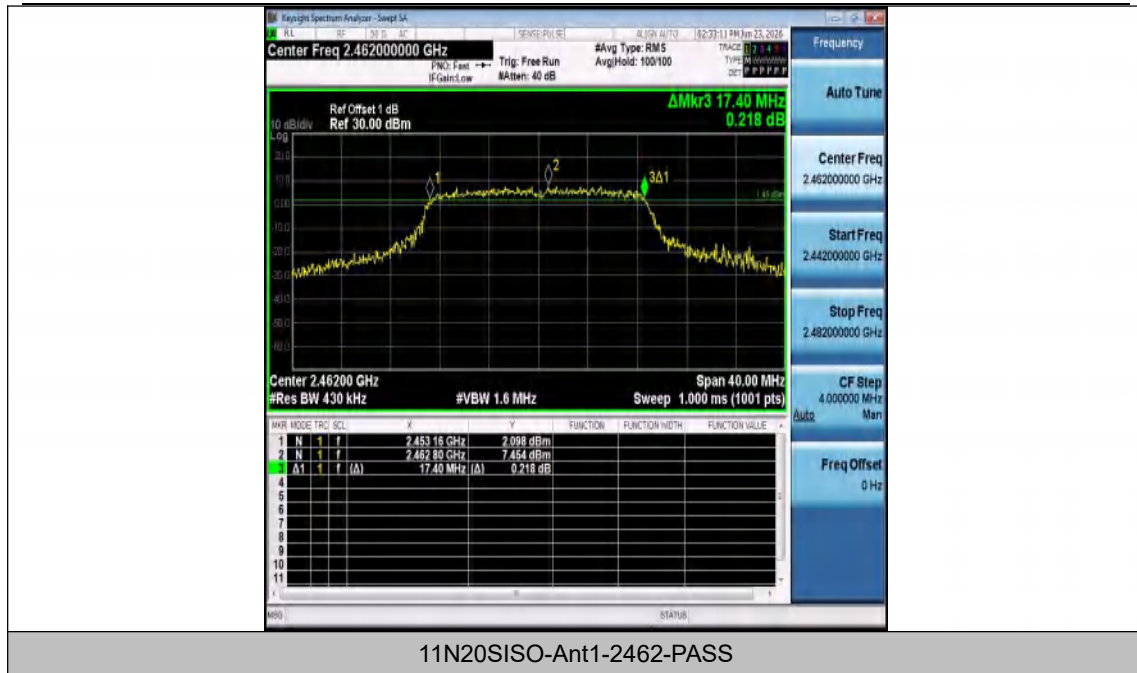


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11N20SISO-Ant1-2462-PASS

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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	13.037	2405.7243	2418.7613	---	---
11B	Ant1	2437	12.800	2429.9380	2442.7380	---	---
11B	Ant1	2462	12.989	2455.6342	2468.6232	---	---
11G	Ant1	2412	17.038	2403.4786	2420.5166	---	---
11G	Ant1	2437	17.095	2428.4137	2445.5087	---	---
11G	Ant1	2462	17.084	2453.4489	2470.5329	---	---
11N20SISO	Ant1	2412	18.195	2402.9282	2421.1232	---	---
11N20SISO	Ant1	2437	18.159	2427.9427	2446.1017	---	---
11N20SISO	Ant1	2462	18.148	2452.9643	2471.1123	---	---

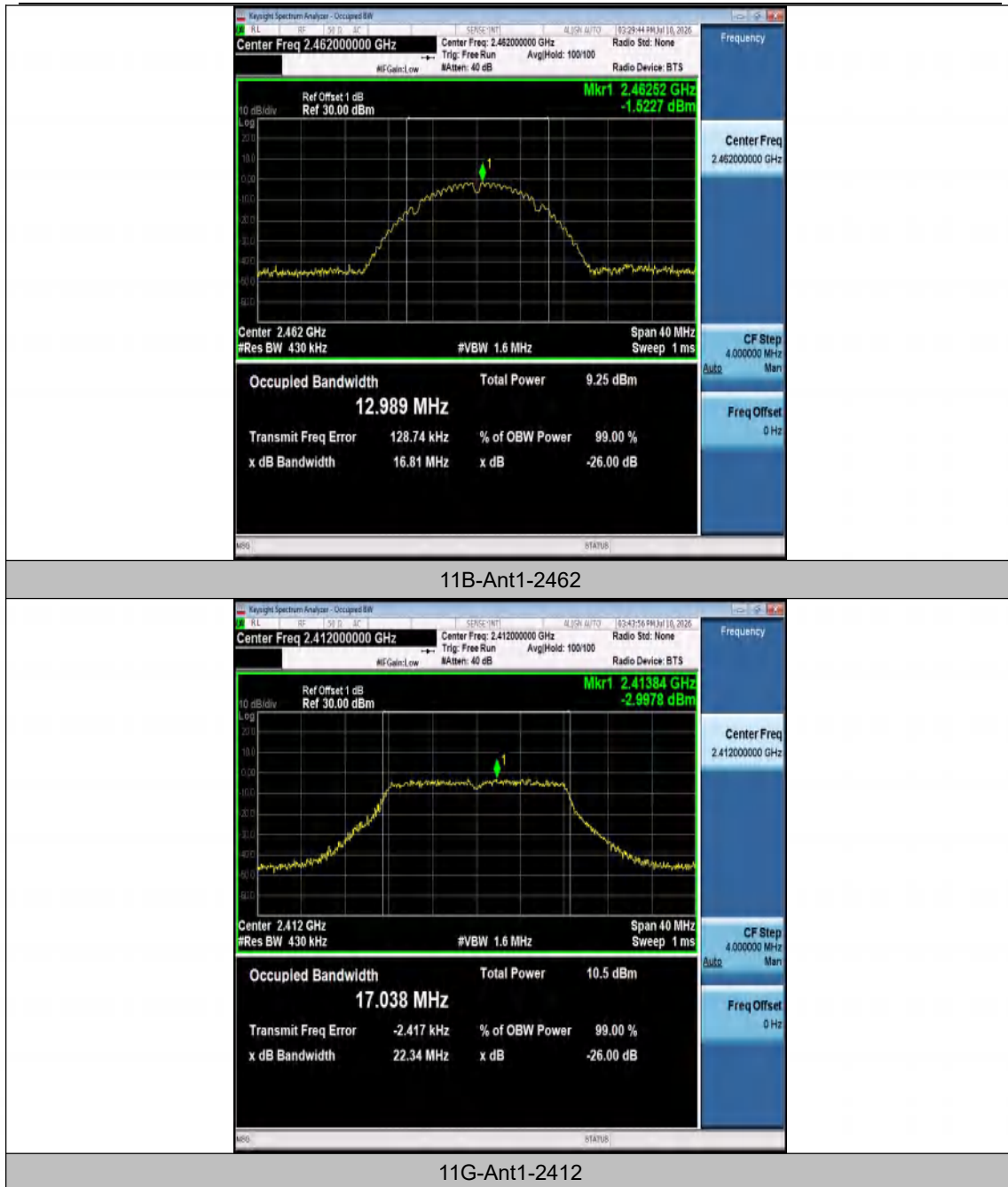
Test Graphs



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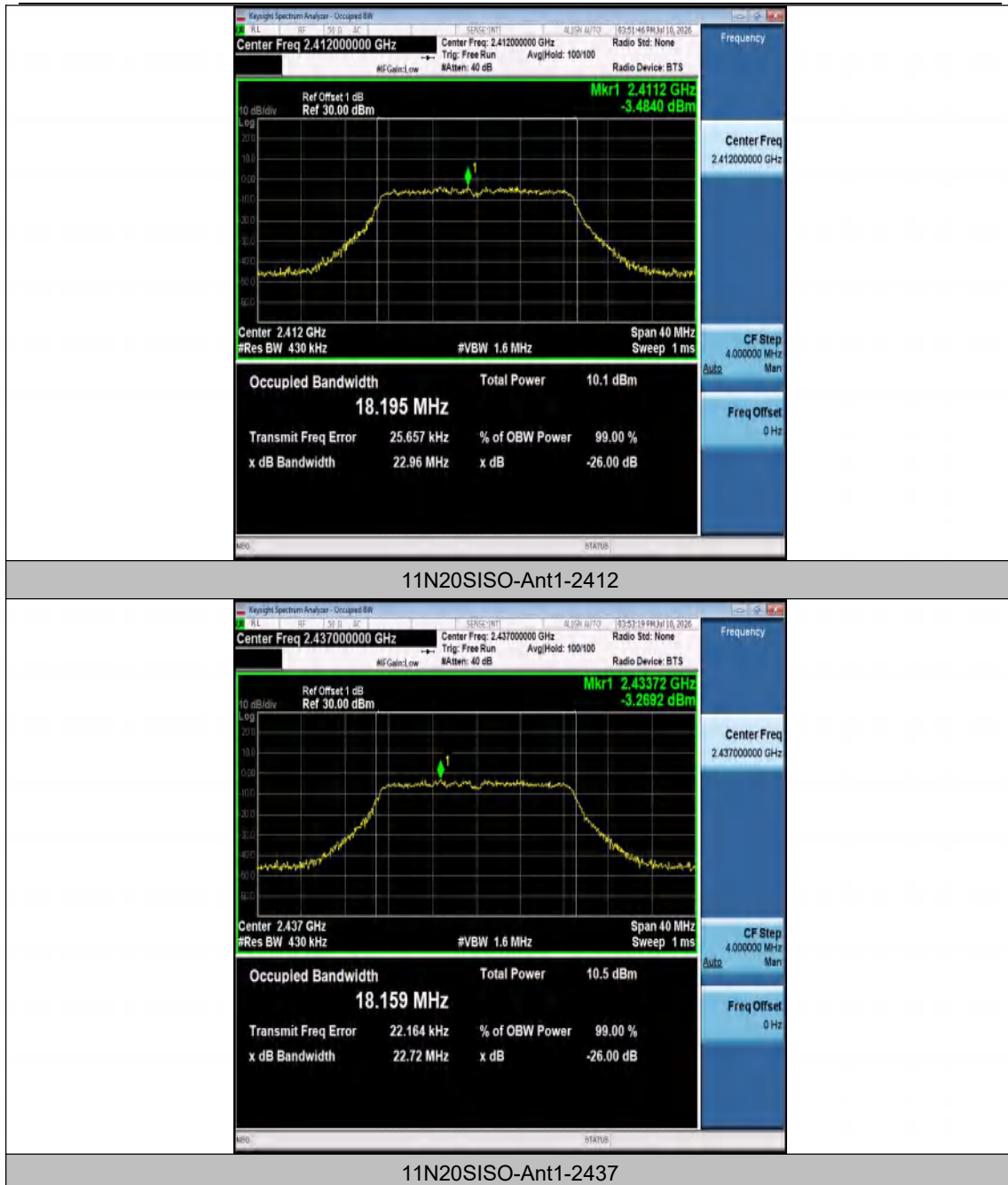
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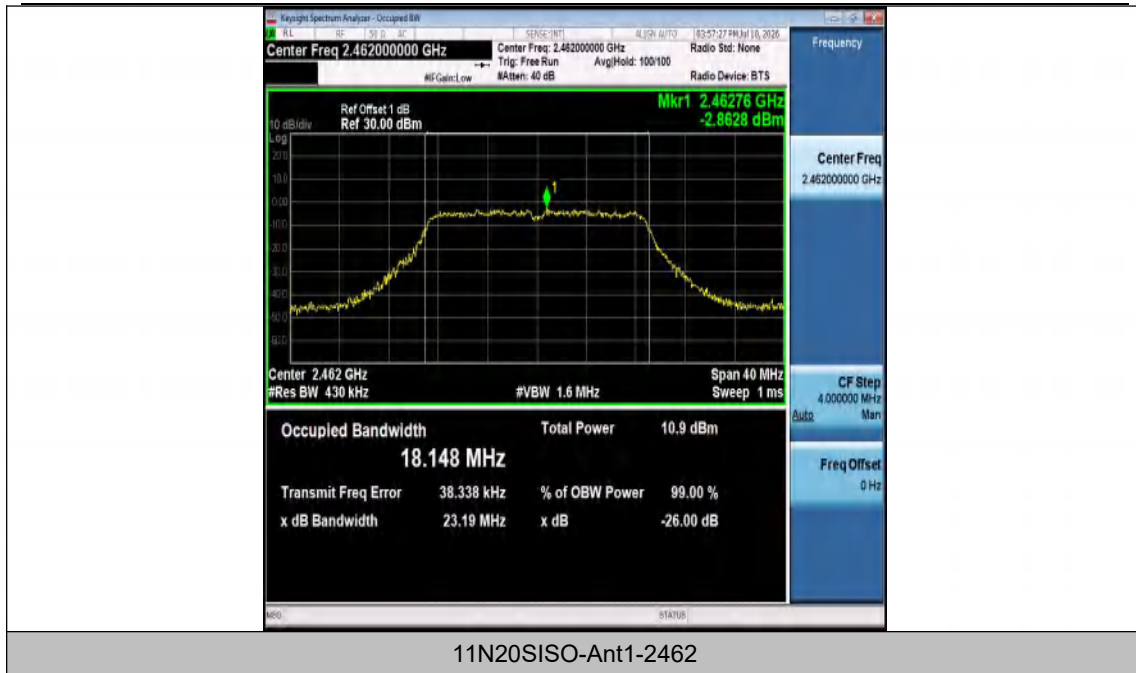
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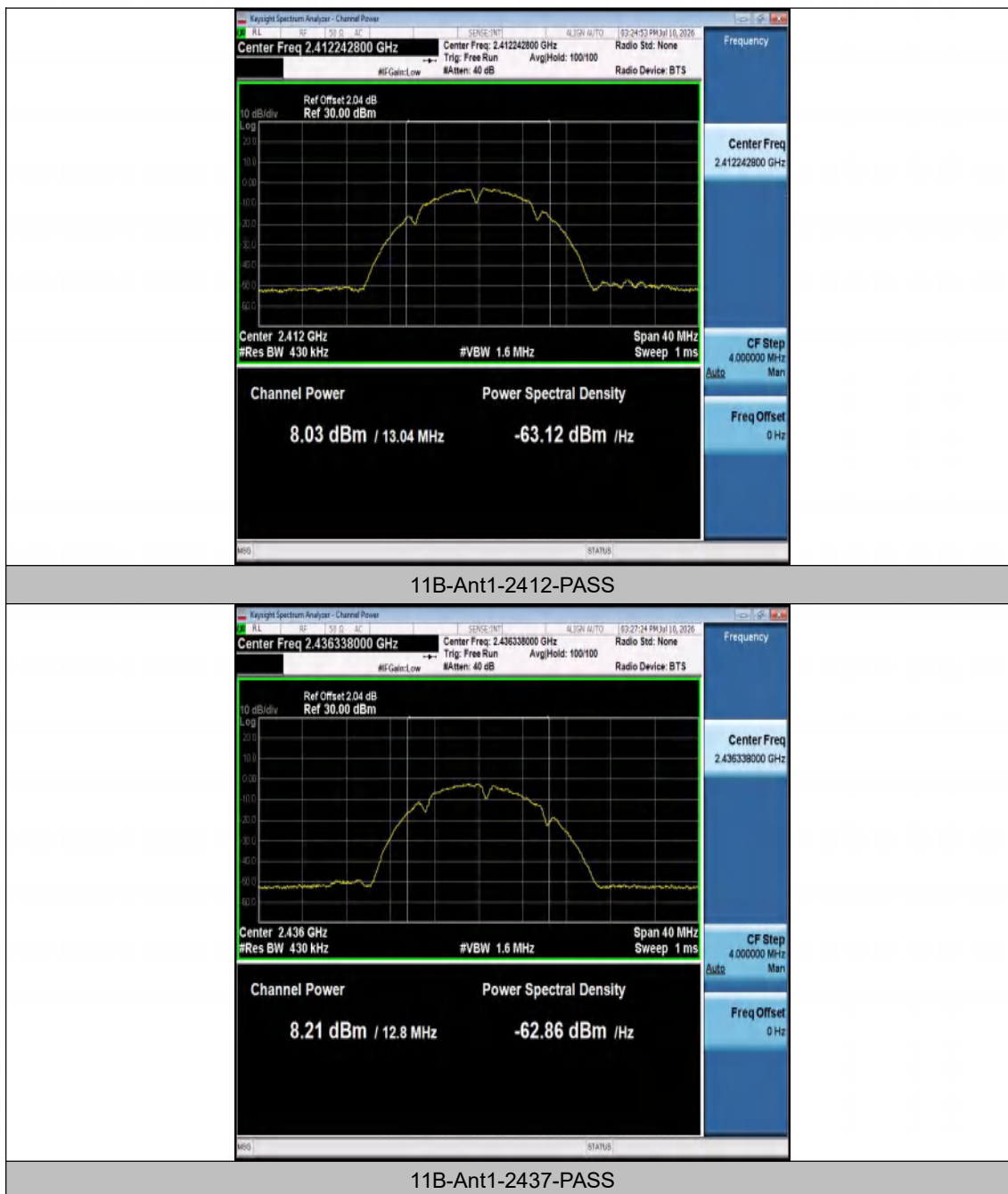
Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency [MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	6.99	78.74	1.04	8.03	≤30.0 0	PASS
11B	Ant1	2437	7.17	78.74	1.04	8.21	≤30.0 0	PASS
11B	Ant1	2462	7.35	78.74	1.04	8.39	≤30.0 0	PASS
11G	Ant1	2412	4.53	38.03	4.20	8.73	≤30.0 0	PASS
11G	Ant1	2437	4.44	38.03	4.20	8.64	≤30.0 0	PASS
11G	Ant1	2462	4.76	38.03	4.20	8.96	≤30.0 0	PASS
11N20SI SO	Ant1	2412	3.96	36.23	4.41	8.37	≤30.0 0	PASS
11N20SI SO	Ant1	2437	4.37	36.23	4.41	8.78	≤30.0 0	PASS
11N20SI SO	Ant1	2462	4.66	36.23	4.41	9.07	≤30.0 0	PASS

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

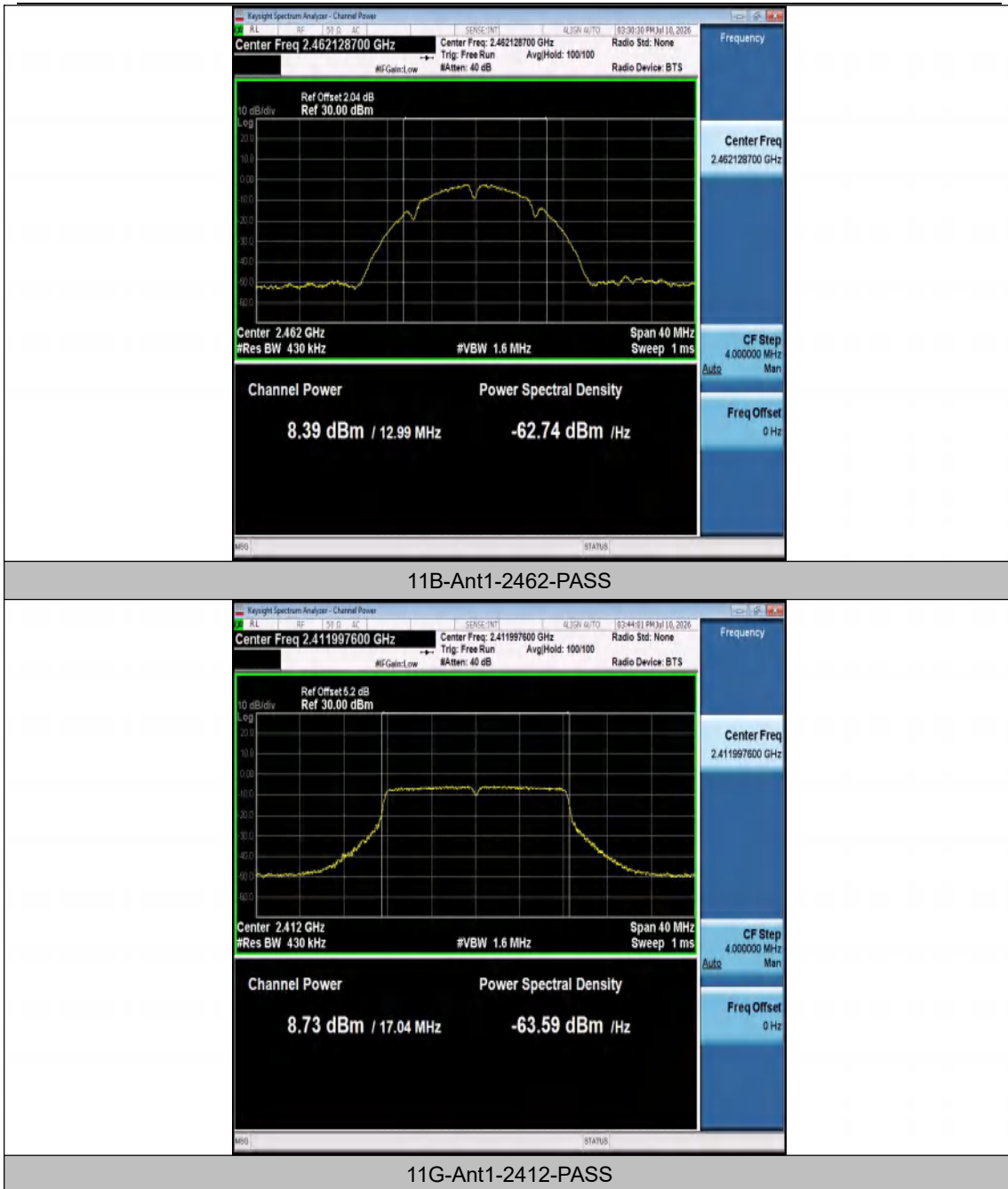
Test Graphs Average



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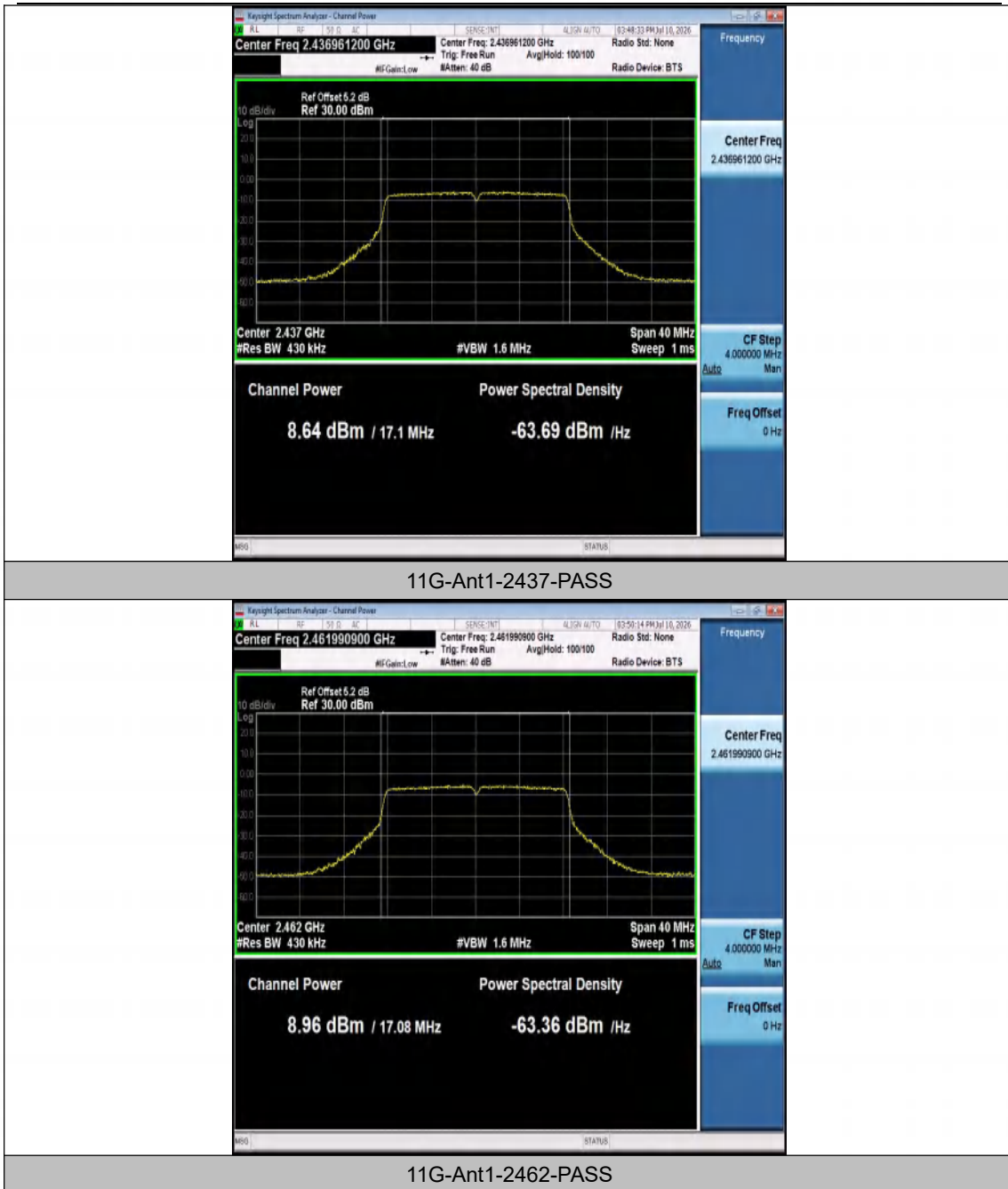
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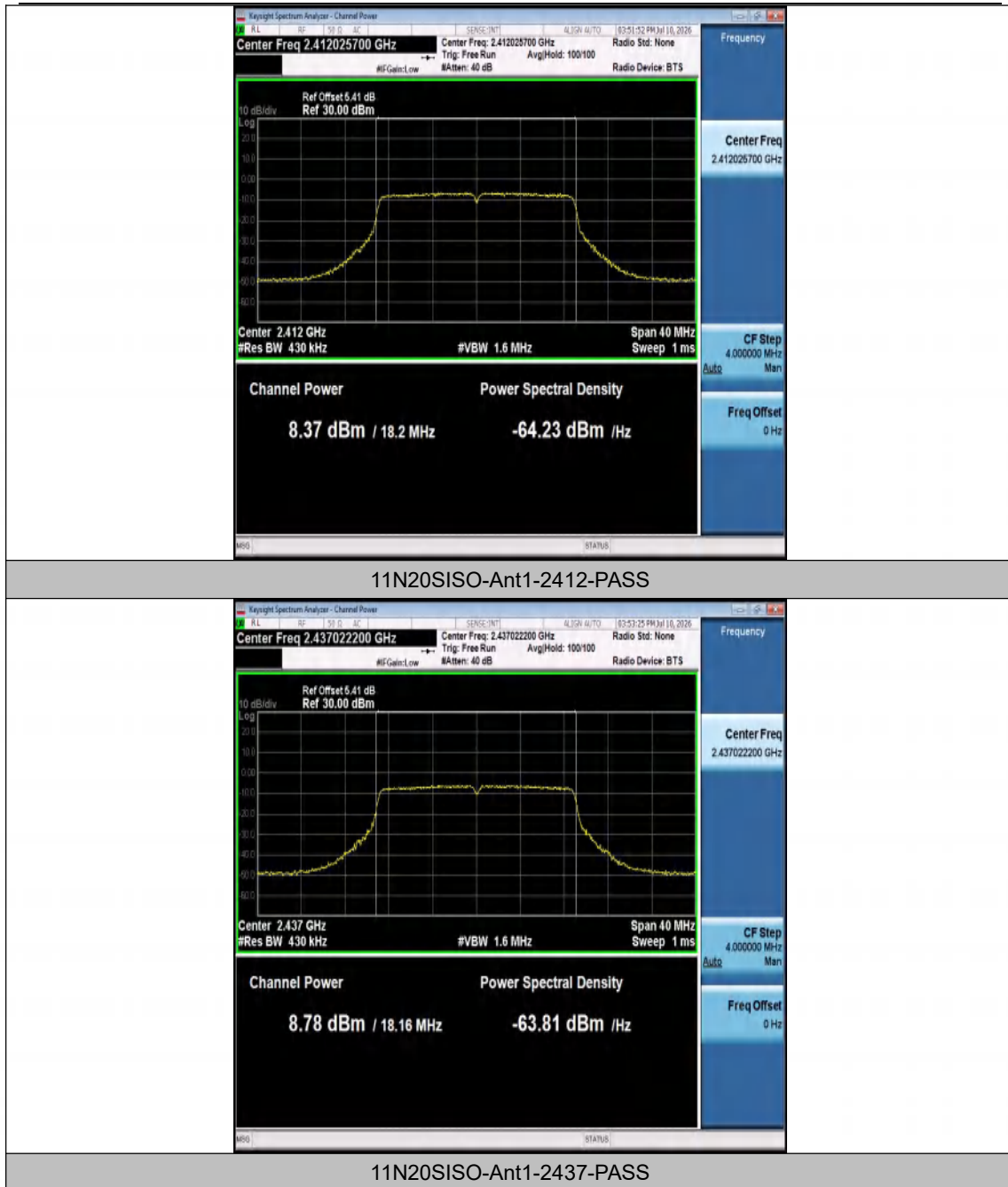
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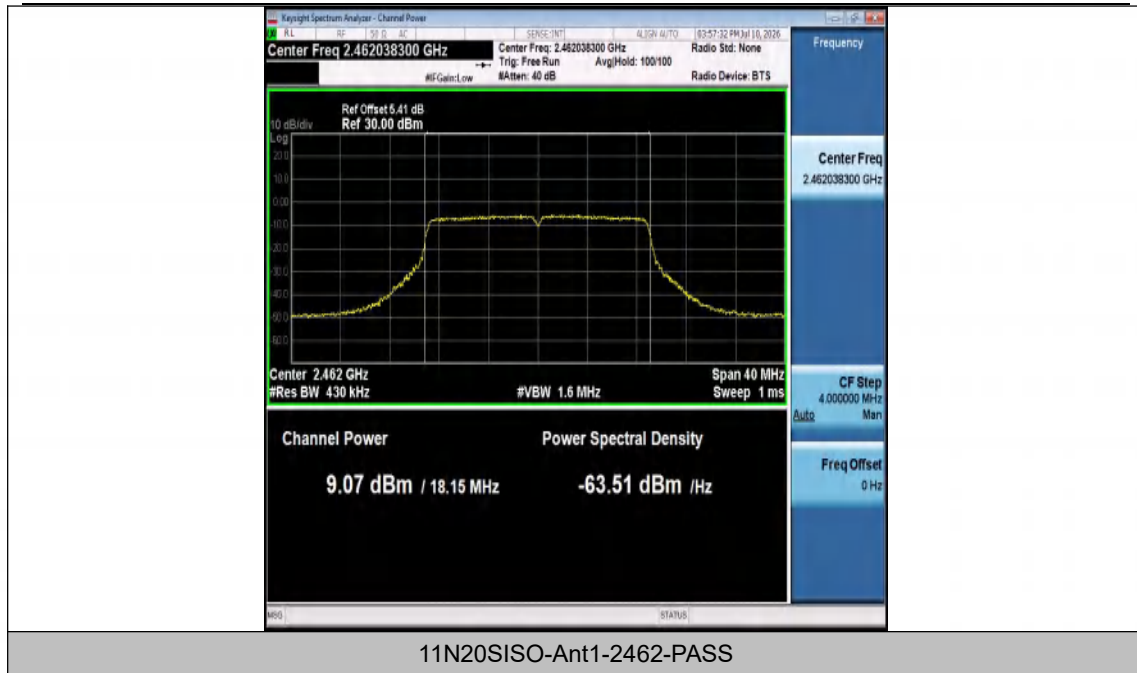
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Appendix D: Maximum power spectral density

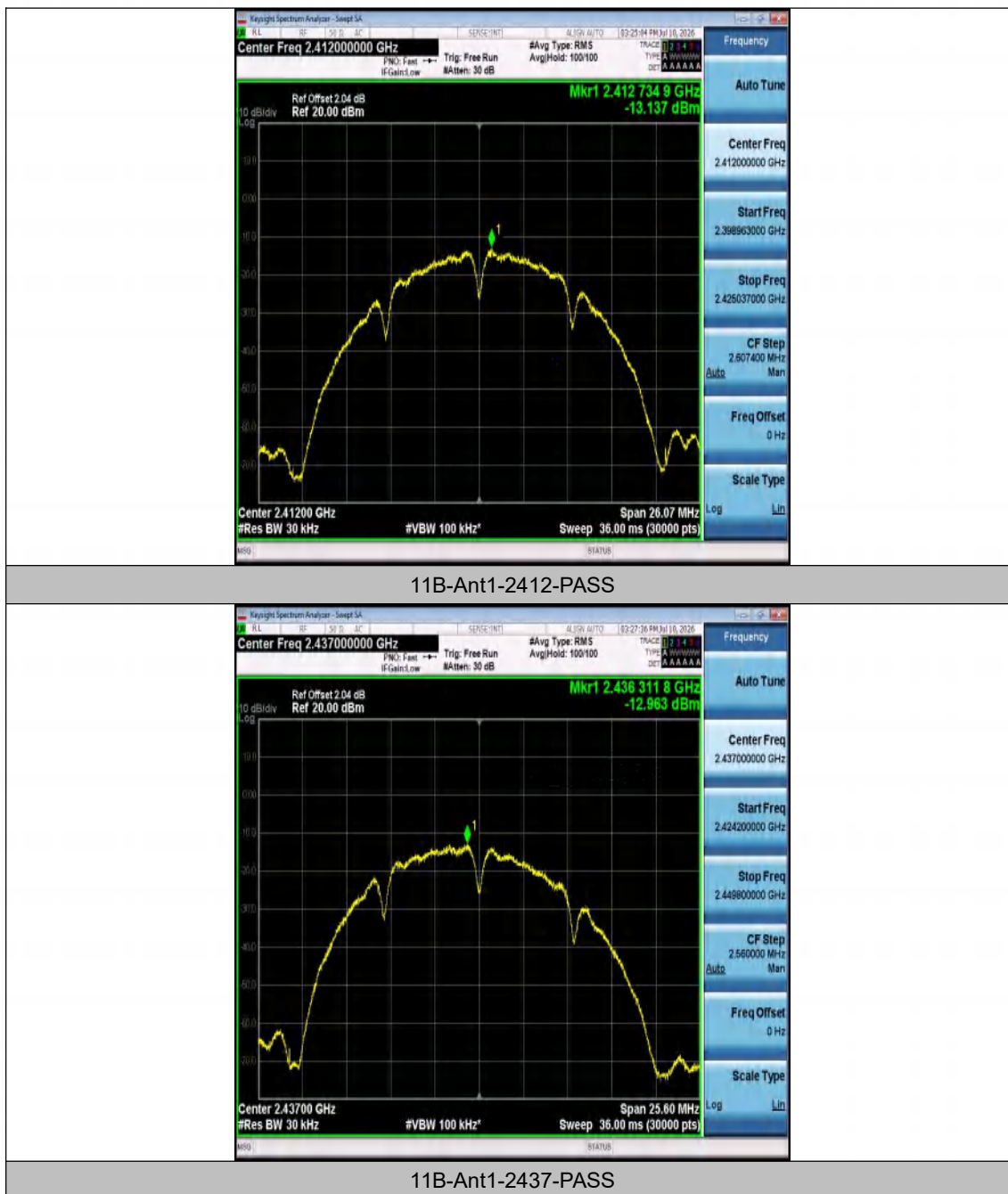
Test Result

Test Mode	Antenna	Frequency [MHz]	Result[dBm/30kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-13.14	≤8.00	PASS
11B	Ant1	2437	-12.96	≤8.00	PASS
11B	Ant1	2462	-12.58	≤8.00	PASS
11G	Ant1	2412	-15.36	≤8.00	PASS
11G	Ant1	2437	-15.27	≤8.00	PASS
11G	Ant1	2462	-15.40	≤8.00	PASS
11N20SIS O	Ant1	2412	-15.88	≤8.00	PASS
11N20SIS O	Ant1	2437	-15.65	≤8.00	PASS
11N20SIS O	Ant1	2462	-14.85	≤8.00	PASS

Note:

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

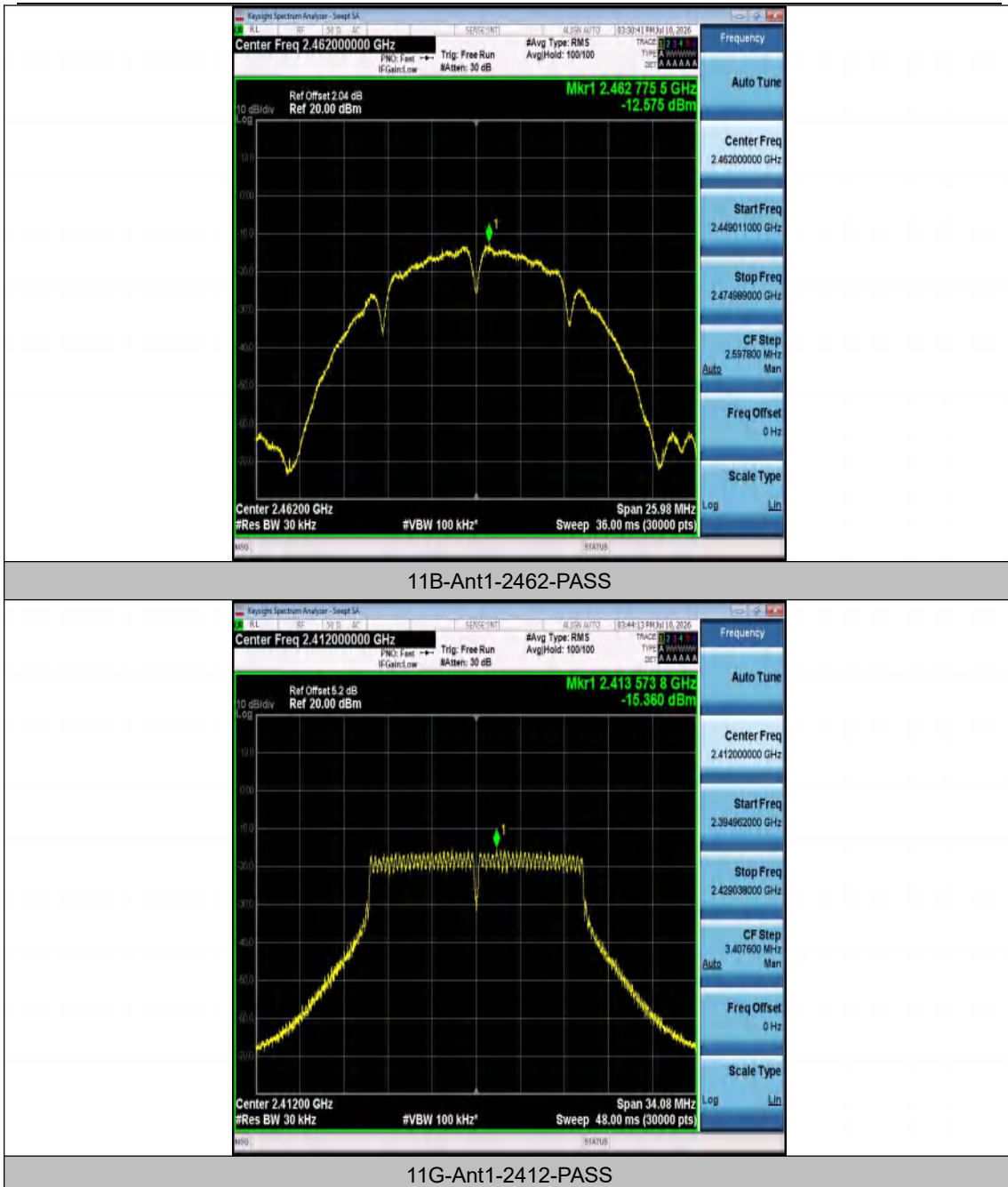
Test Graphs



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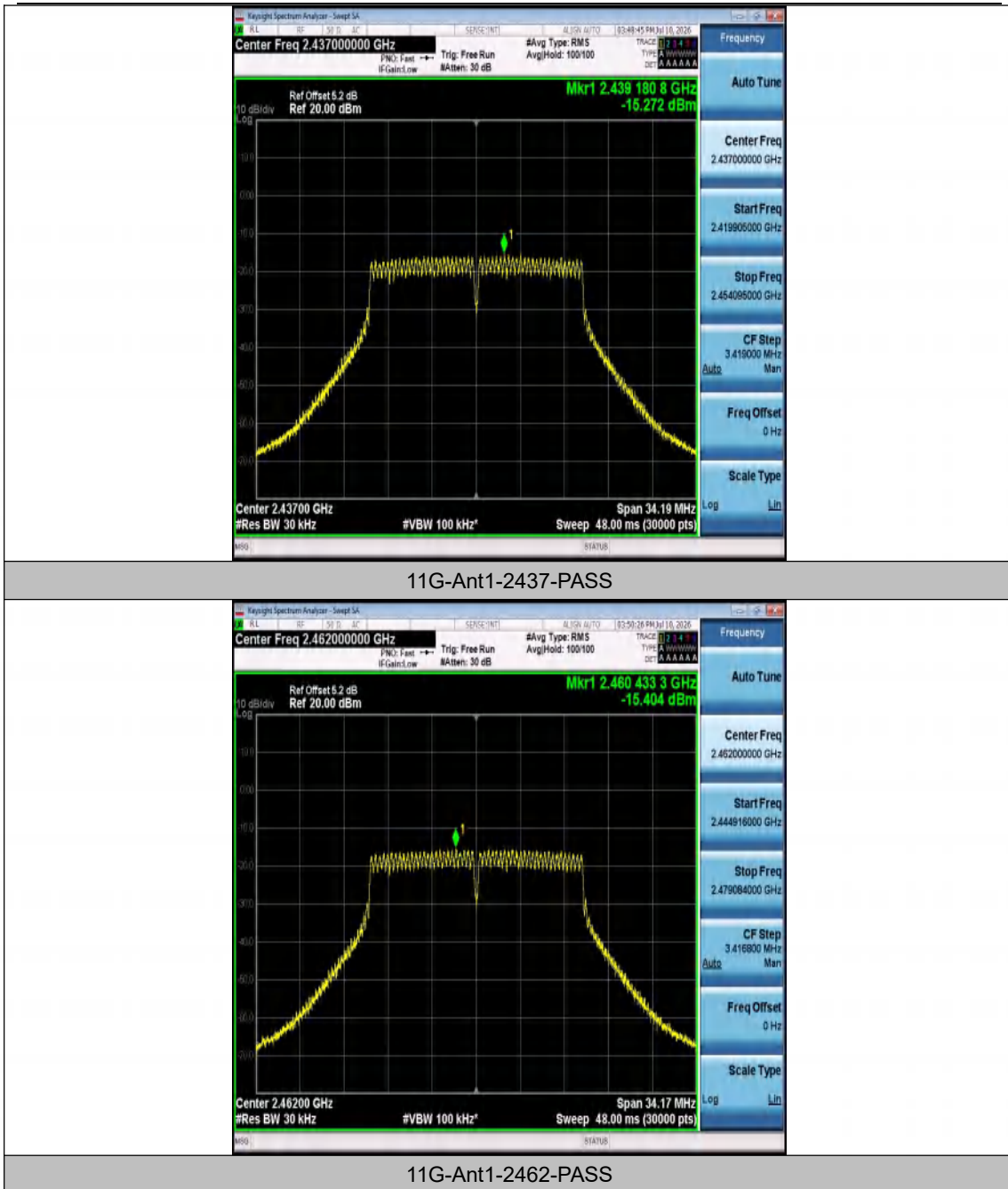
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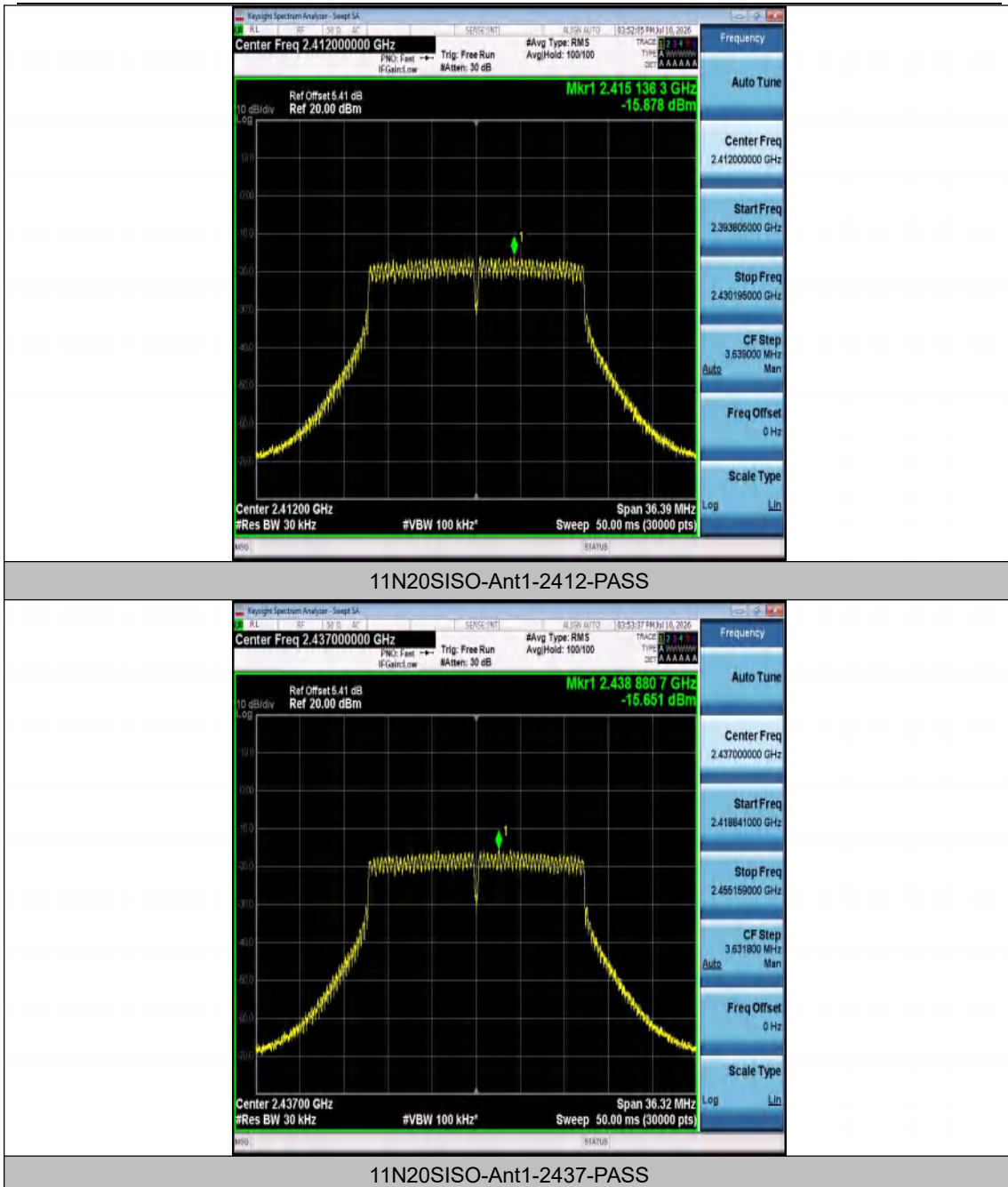
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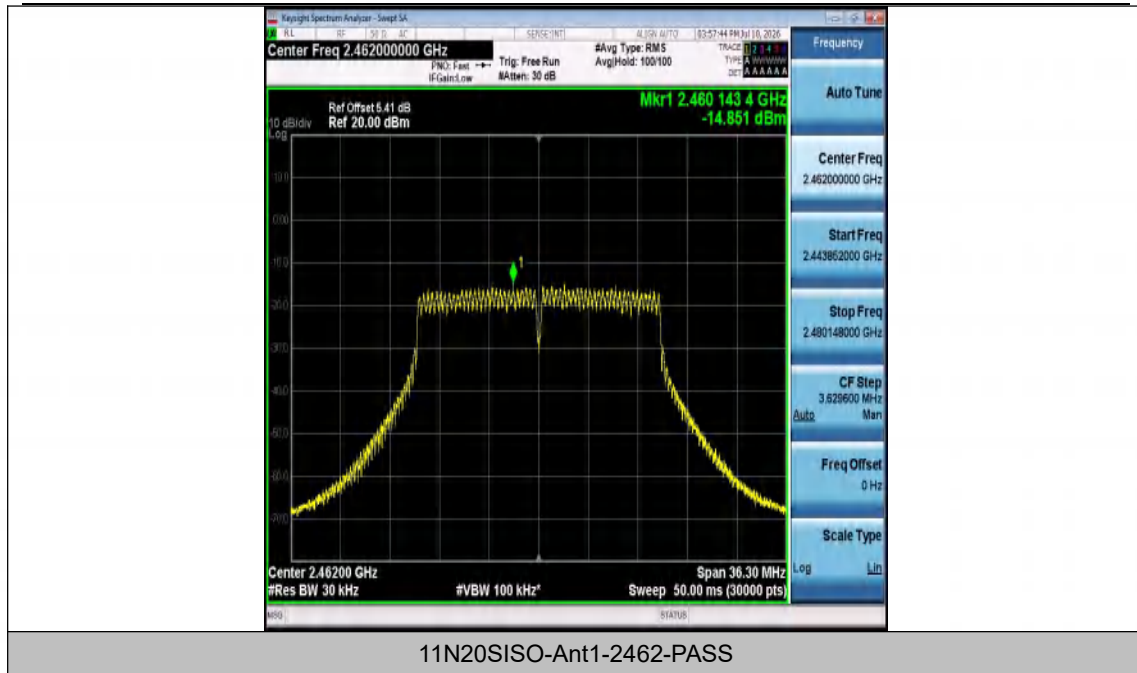
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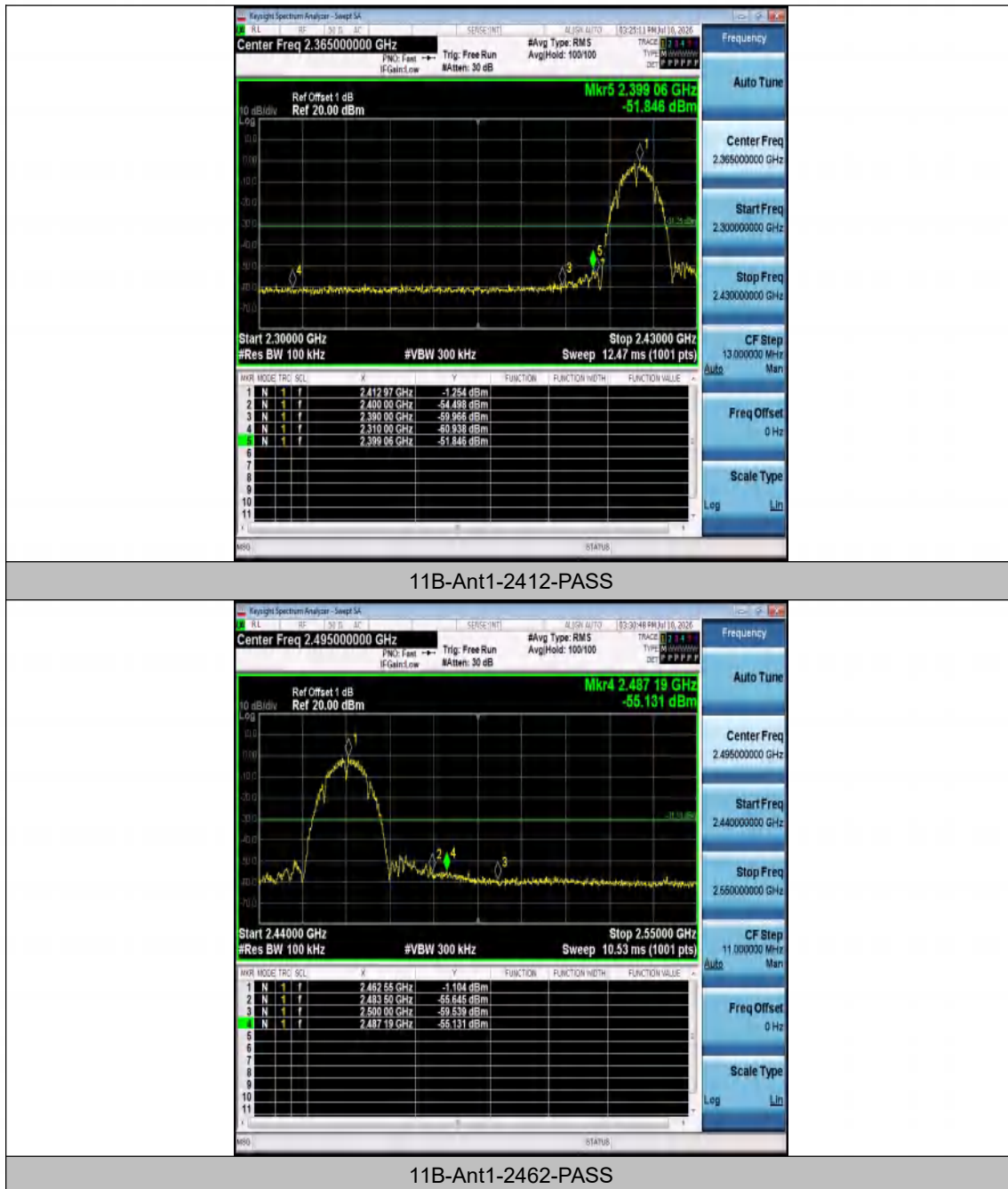
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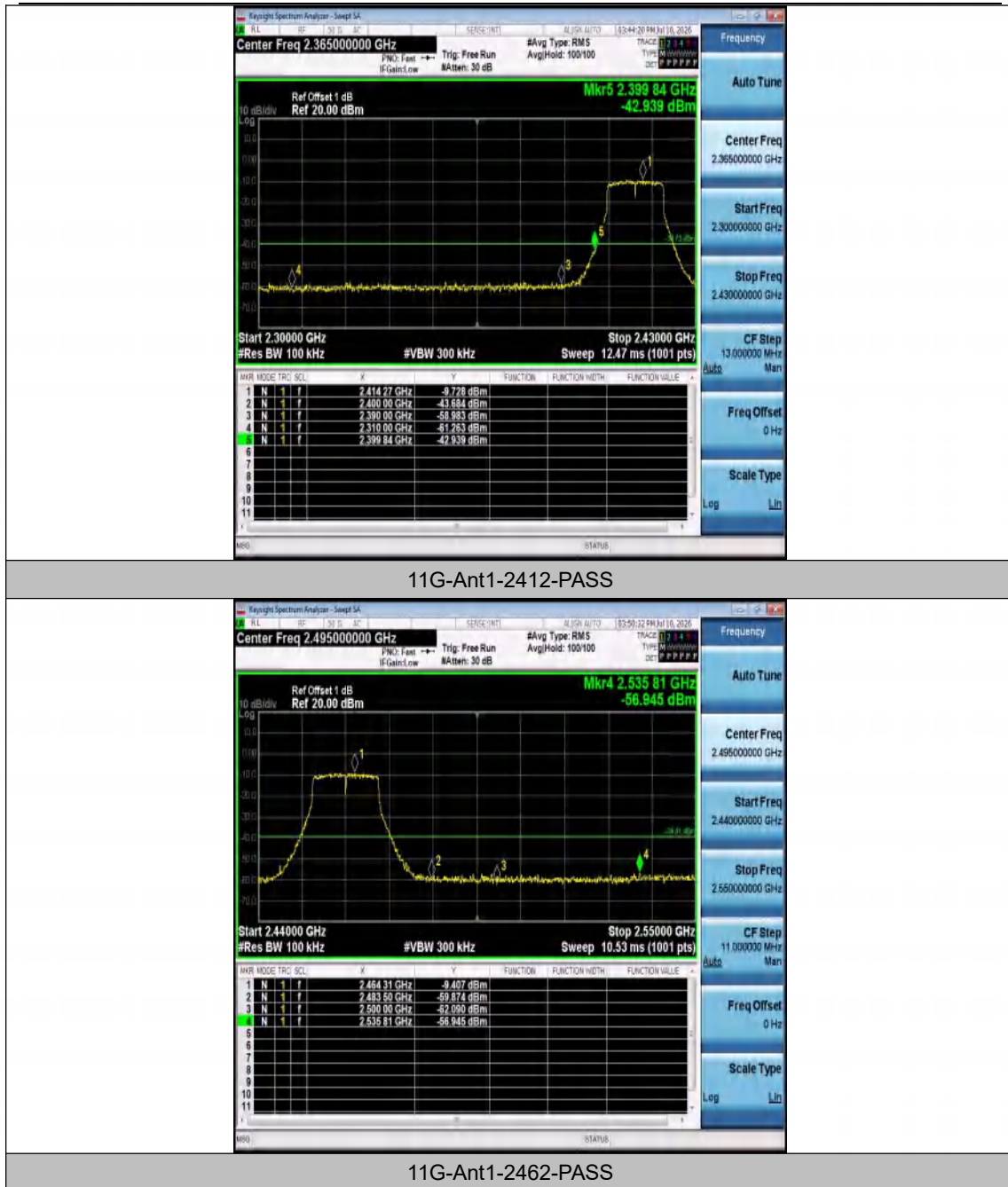
Appendix E: Conducted Band edge

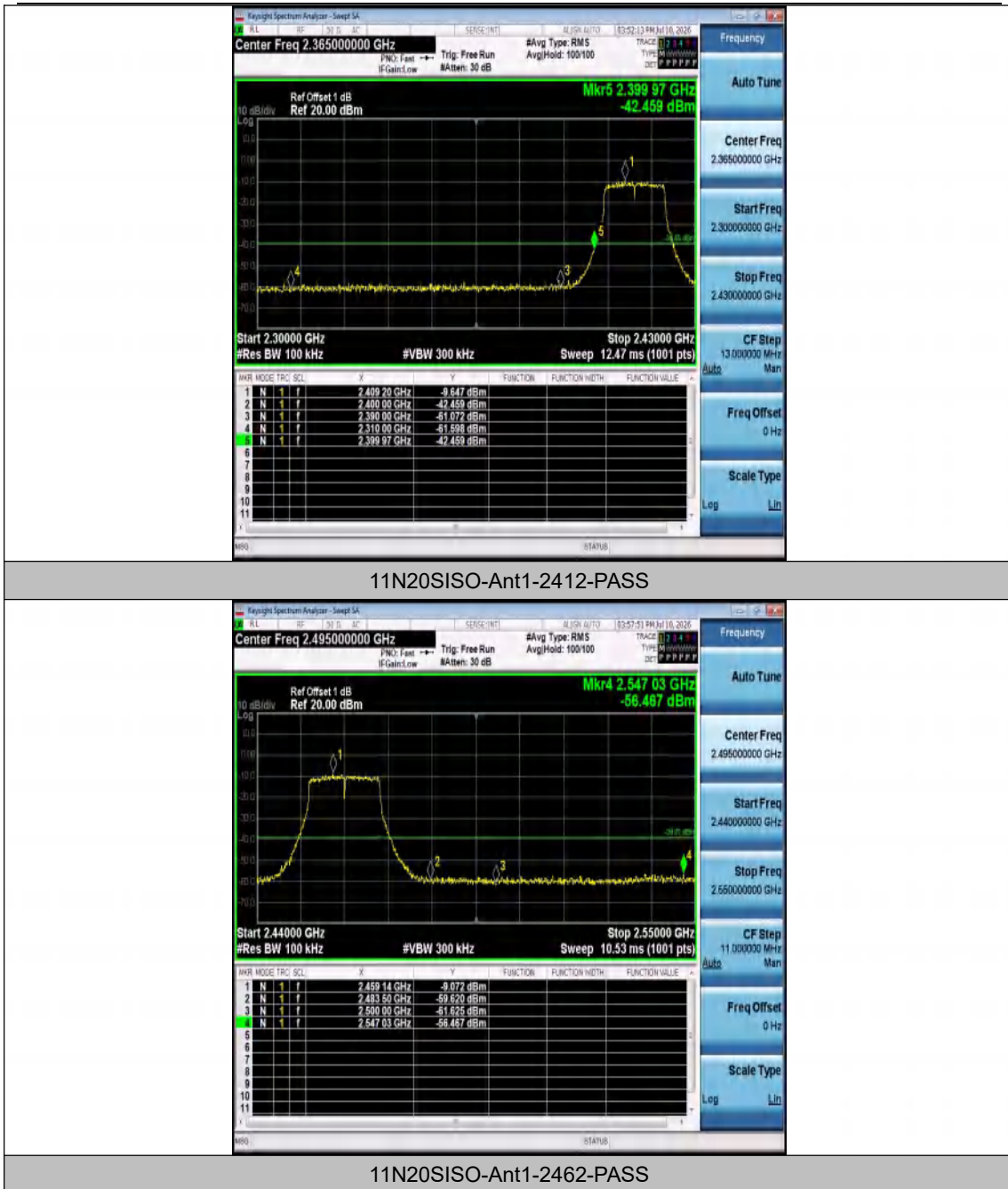
Test Result

Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	-1.25	-51.85	≤ -31.25	PASS
11B	Ant1	High	2462	-1.10	-55.13	≤ -31.1	PASS
11G	Ant1	Low	2412	-9.73	-42.94	≤ -39.73	PASS
11G	Ant1	High	2462	-9.41	-56.95	≤ -39.41	PASS
11N20SISO	Ant1	Low	2412	-9.65	-42.46	≤ -39.65	PASS
11N20SISO	Ant1	High	2462	-9.07	-56.47	≤ -39.07	PASS

Test Graphs







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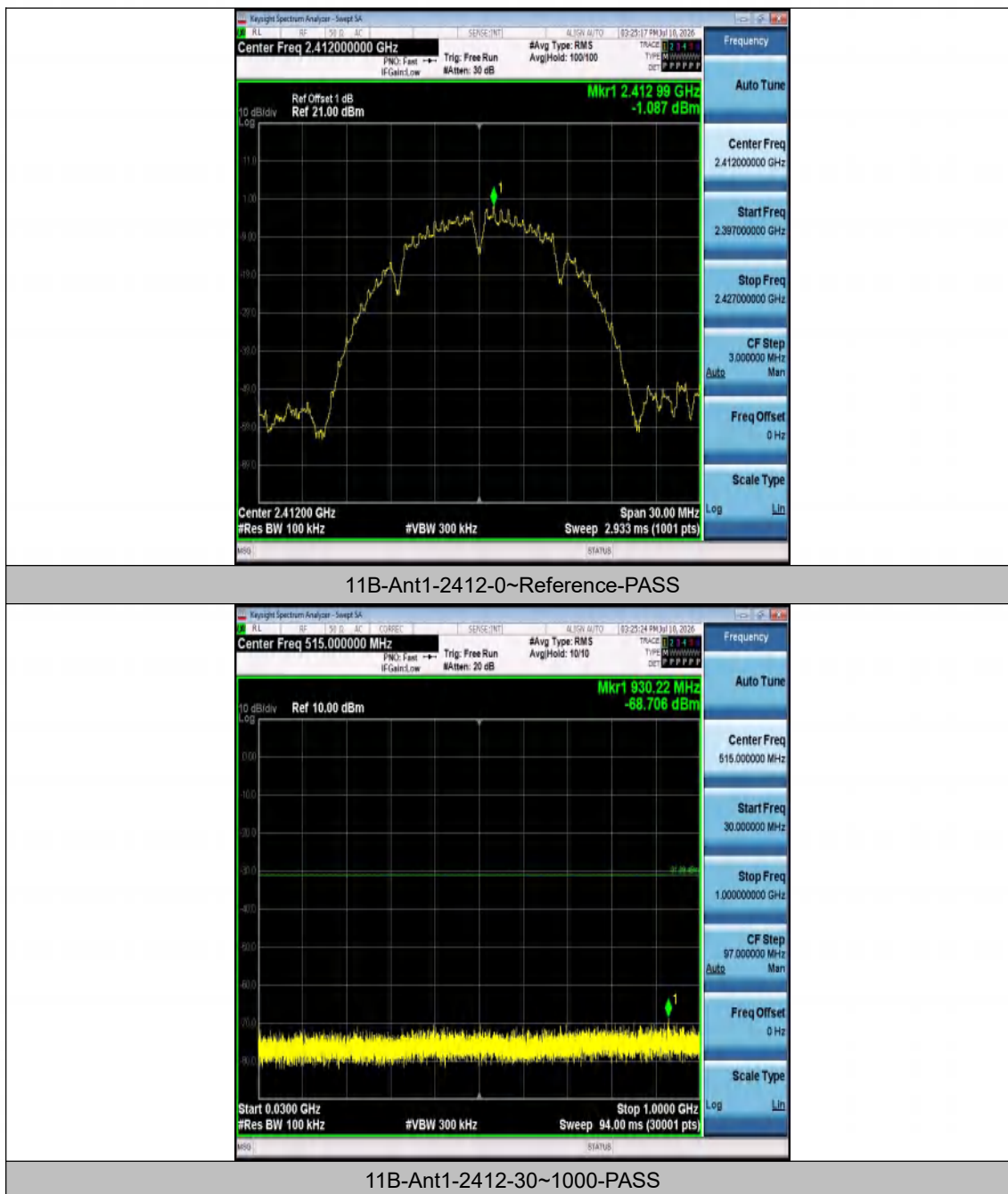
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	-1.09	-1.09	---	PASS
11B	Ant1	2412	30~1000	-1.09	-68.71	≤-31.09	PASS
11B	Ant1	2412	1000~26500	-1.09	-41.18	≤-31.09	PASS
11B	Ant1	2437	0~Reference	-0.90	-0.90	---	PASS
11B	Ant1	2437	30~1000	-0.90	-69.69	≤-30.9	PASS
11B	Ant1	2437	1000~26500	-0.90	-40.96	≤-30.9	PASS
11B	Ant1	2462	0~Reference	-1.09	-1.09	---	PASS
11B	Ant1	2462	30~1000	-1.09	-69.87	≤-31.09	PASS
11B	Ant1	2462	1000~26500	-1.09	-40.5	≤-31.09	PASS
11G	Ant1	2412	0~Reference	-9.65	-9.65	---	PASS
11G	Ant1	2412	30~1000	-9.65	-68.13	≤-39.65	PASS
11G	Ant1	2412	1000~26500	-9.65	-40.99	≤-39.65	PASS
11G	Ant1	2437	0~Reference	-9.83	-9.83	---	PASS
11G	Ant1	2437	30~1000	-9.83	-63.57	≤-39.83	PASS
11G	Ant1	2437	1000~26500	-9.83	-41.07	≤-39.83	PASS
11G	Ant1	2462	0~Reference	-9.38	-9.38	---	PASS
11G	Ant1	2462	30~1000	-9.38	-68.33	≤-39.38	PASS
11G	Ant1	2462	1000~26500	-9.38	-40.81	≤-39.38	PASS
11N20SISO	Ant1	2412	0~Reference	-10.52	-10.52	---	PASS
11N20SISO	Ant1	2412	30~1000	-10.52	-68.3	≤-40.52	PASS
11N20SISO	Ant1	2412	1000~26500	-10.52	-41.54	≤-40.52	PASS
11N20SISO	Ant1	2437	0~Reference	-9.96	-9.96	---	PASS
11N20SISO	Ant1	2437	30~1000	-9.96	-67.43	≤-39.96	PASS
11N20SISO	Ant1	2437	1000~26500	-9.96	-40.92	≤-39.96	PASS
11N20SISO	Ant1	2462	0~Reference	-9.15	-9.15	---	PASS
11N20SISO	Ant1	2462	30~1000	-9.15	-67.36	≤-39.15	PASS
11N20SISO	Ant1	2462	1000~26500	-9.15	-41.54	≤-39.15	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.

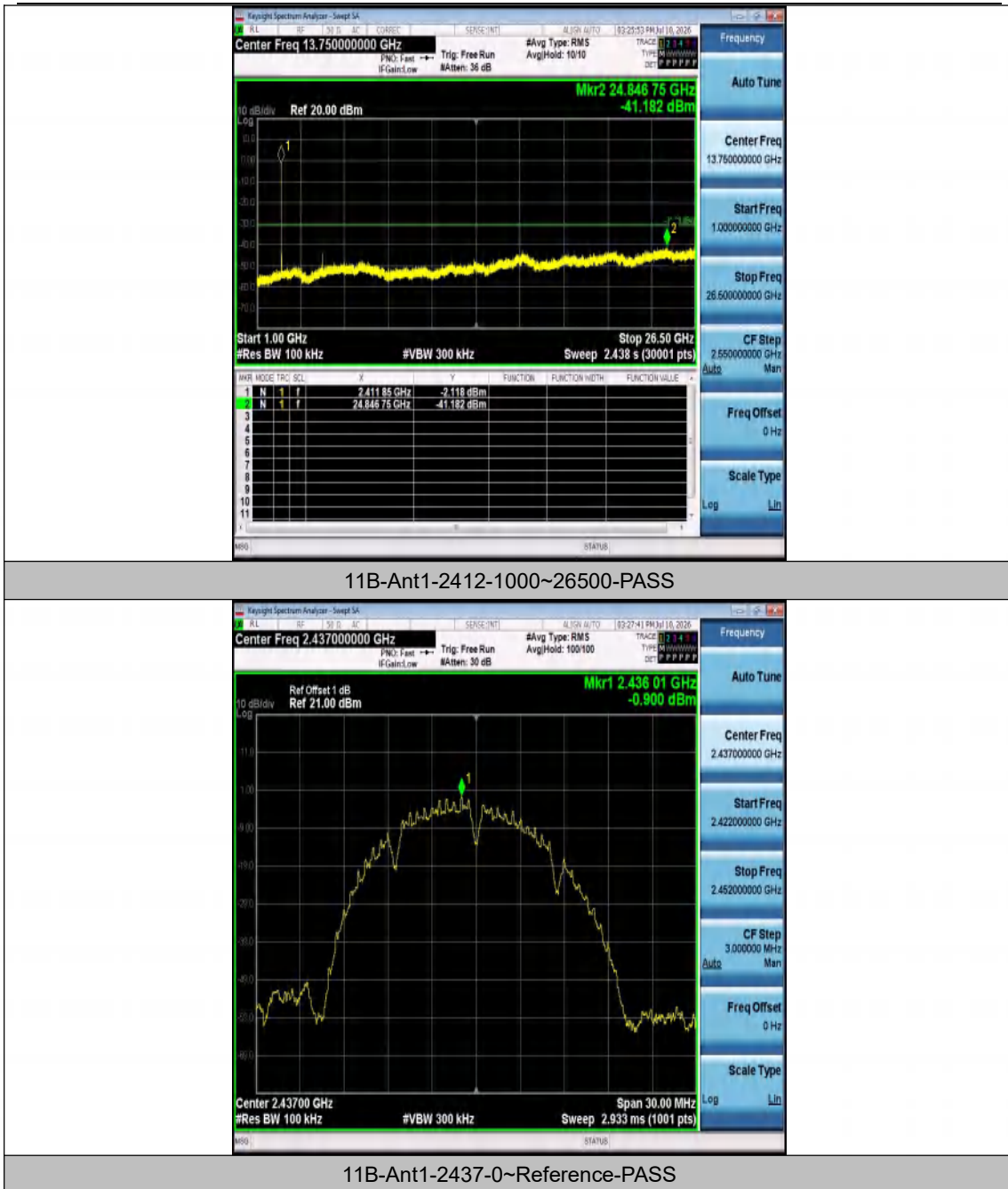
Test Graphs



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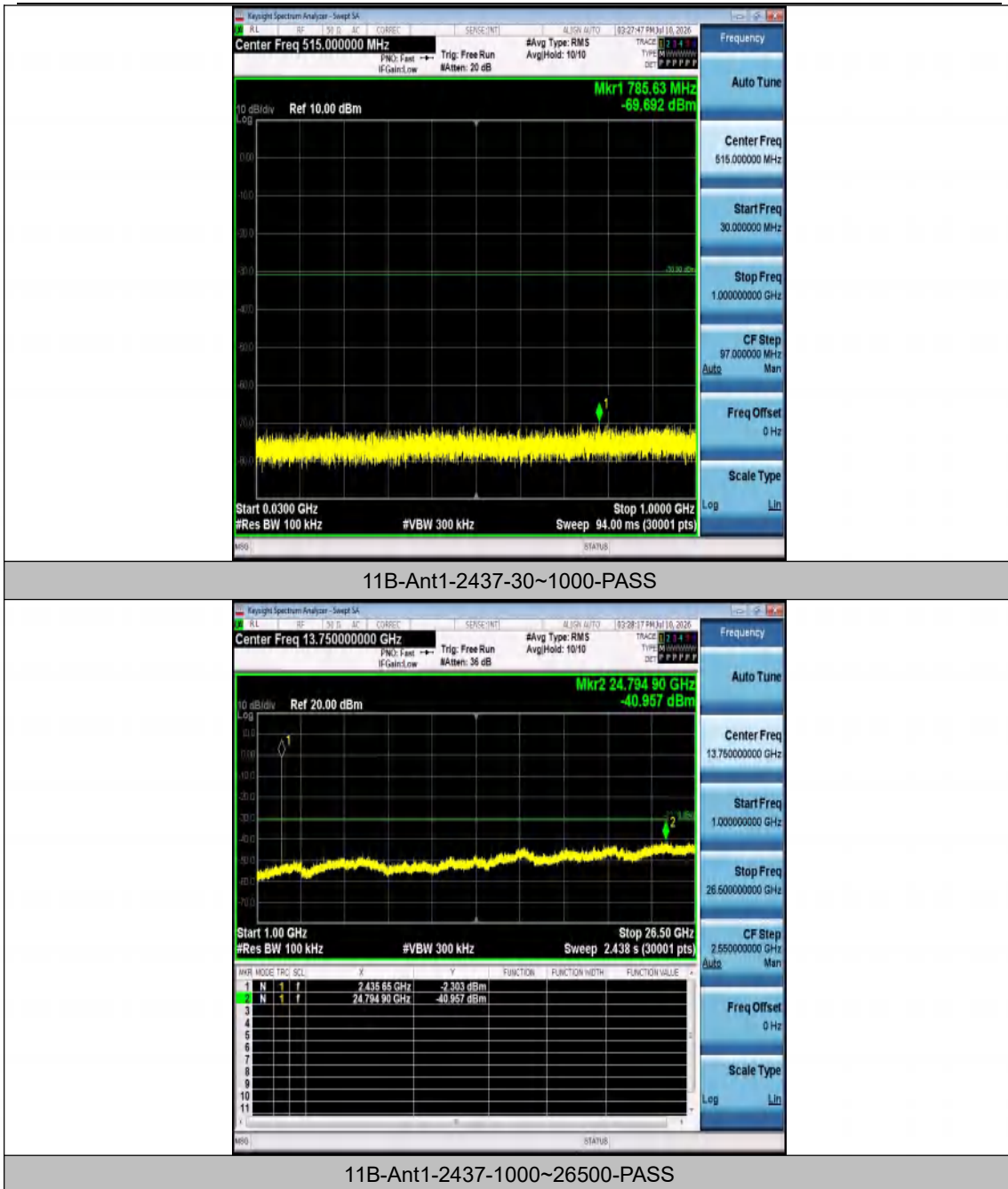
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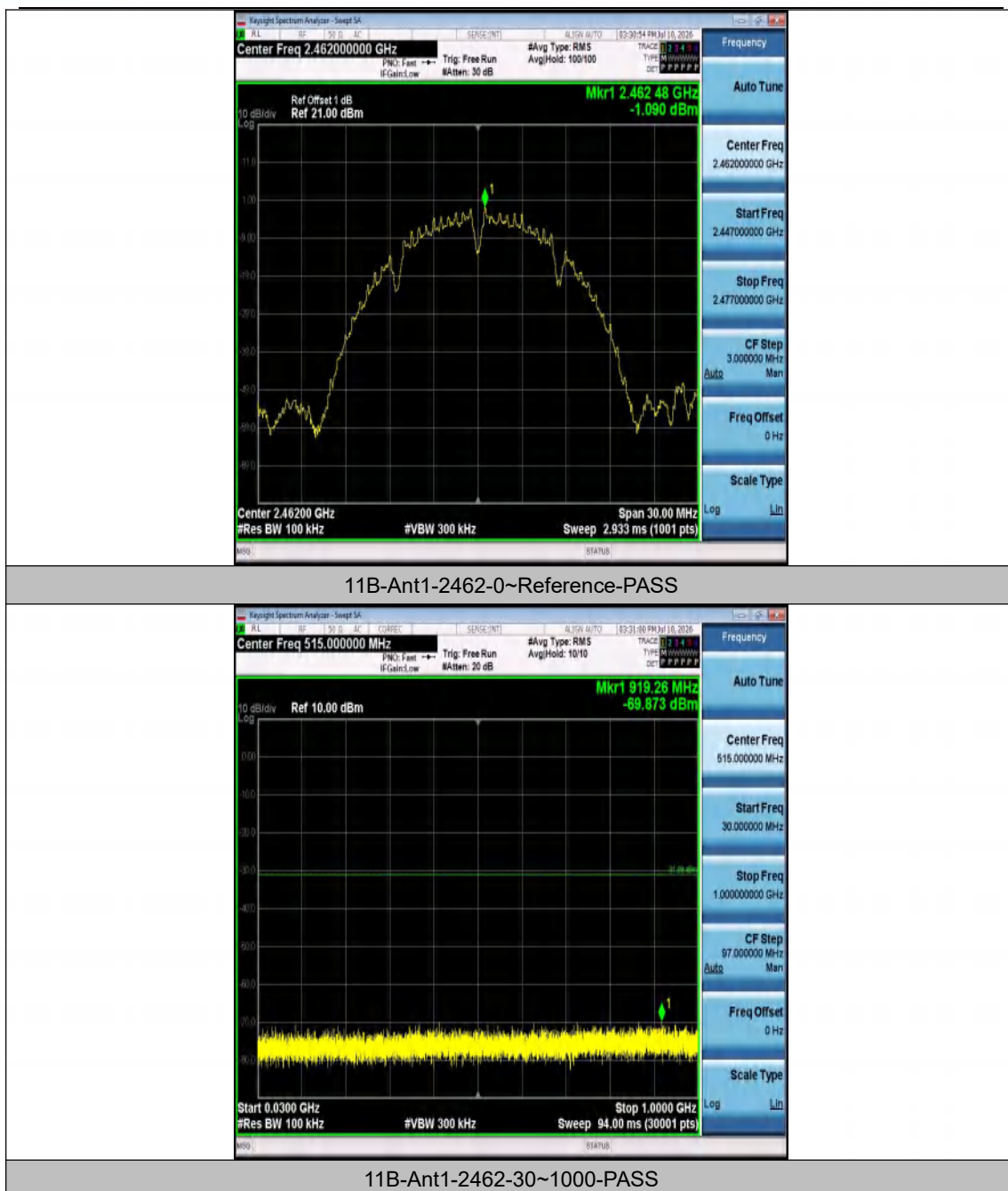
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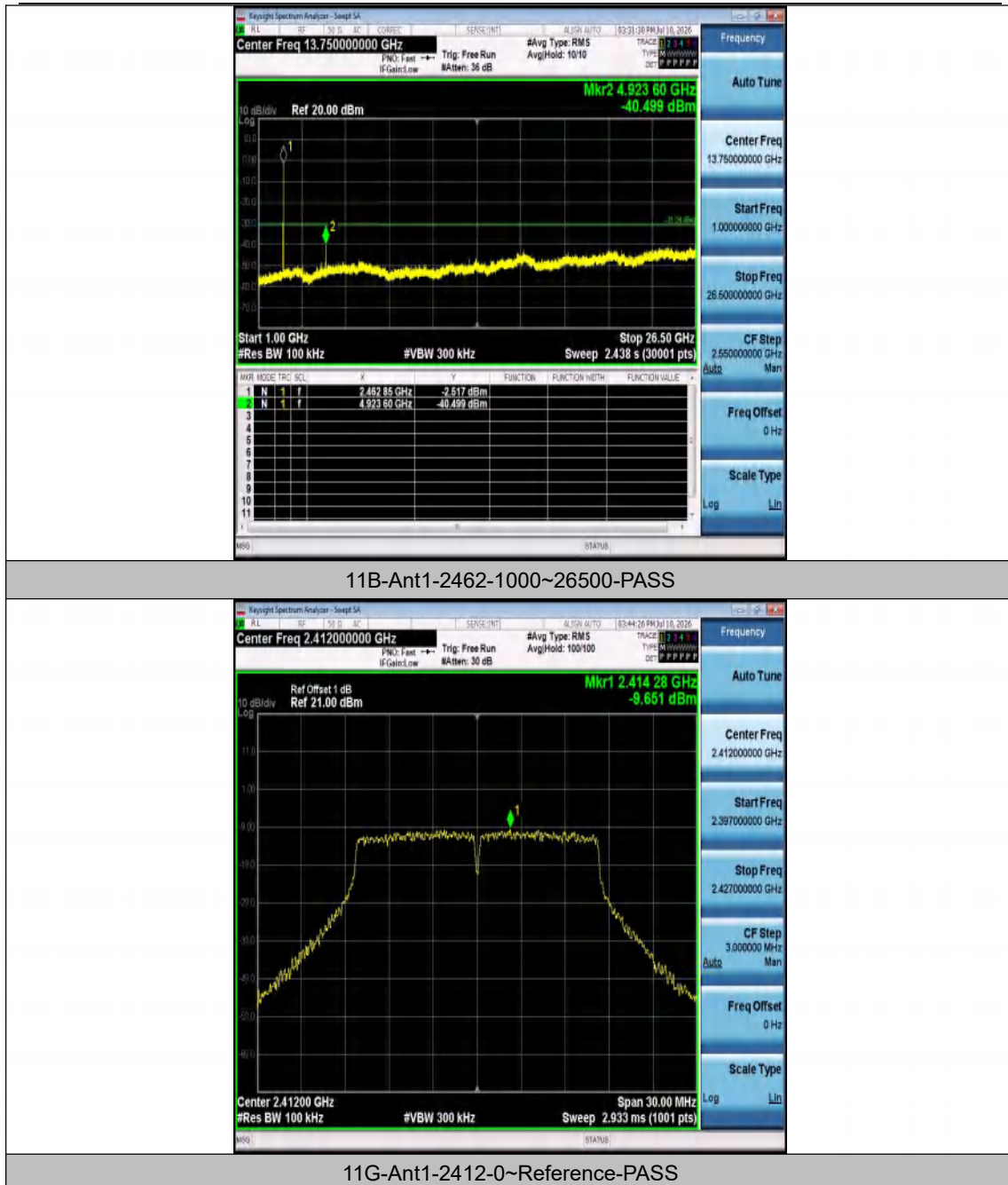
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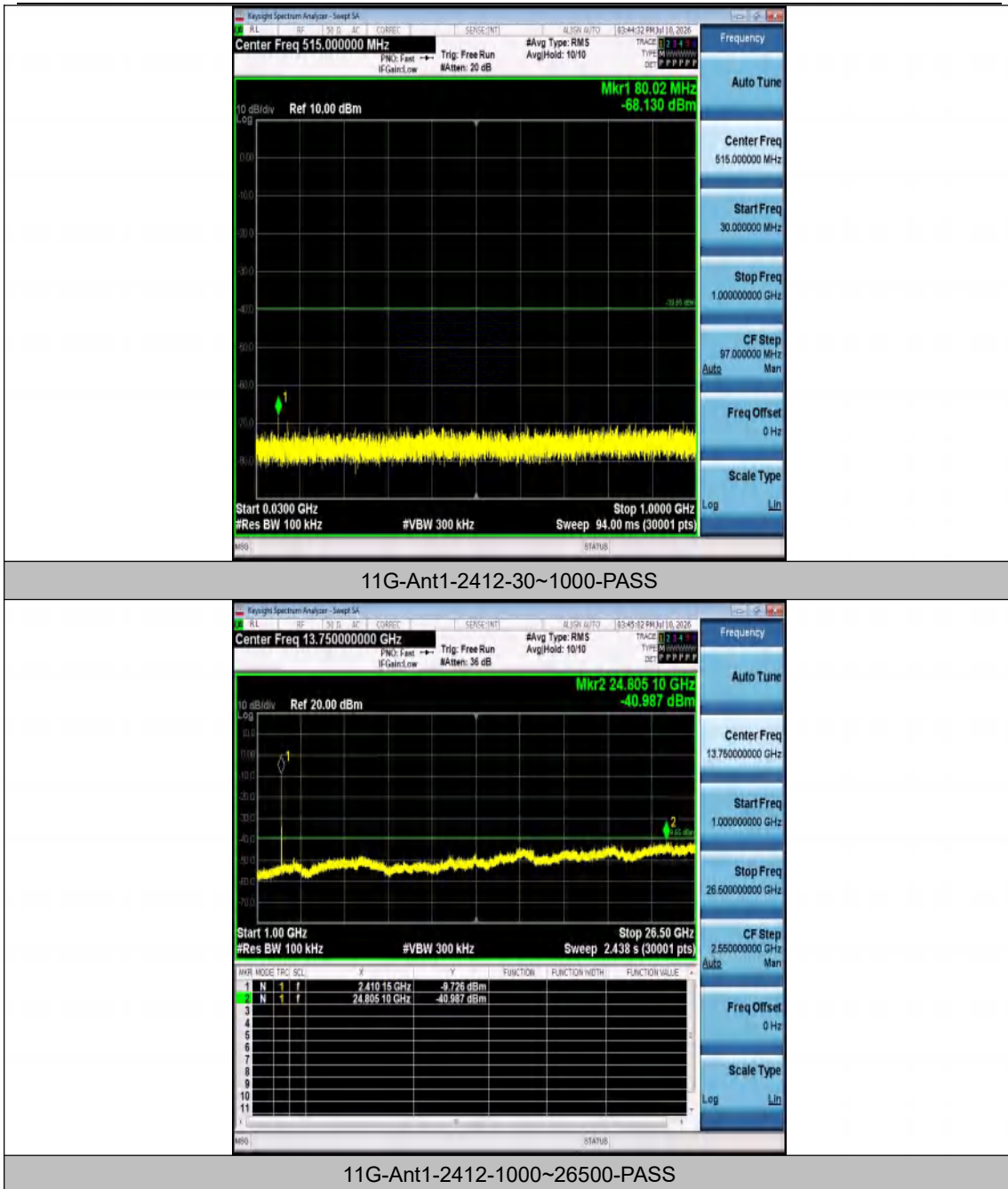
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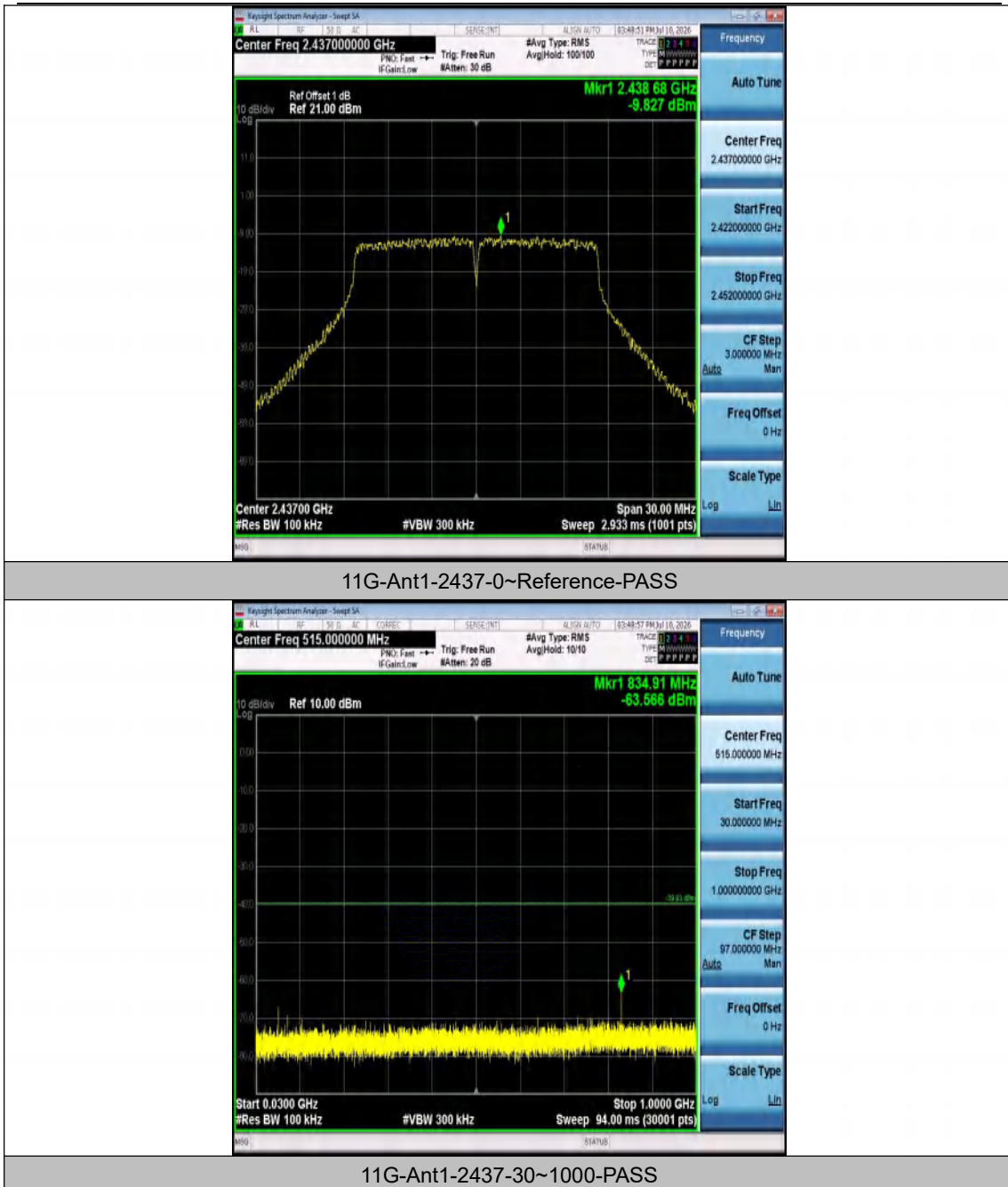
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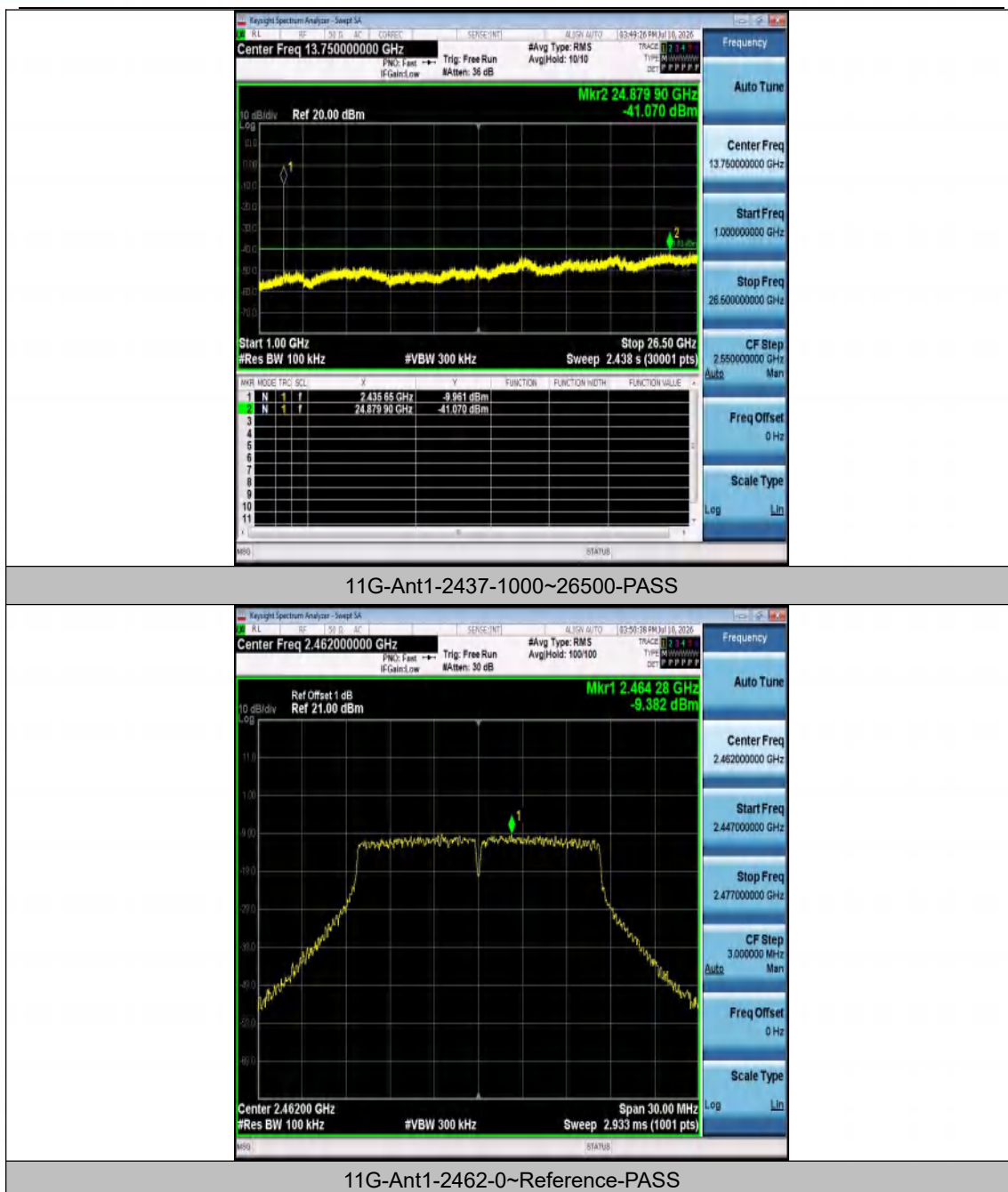
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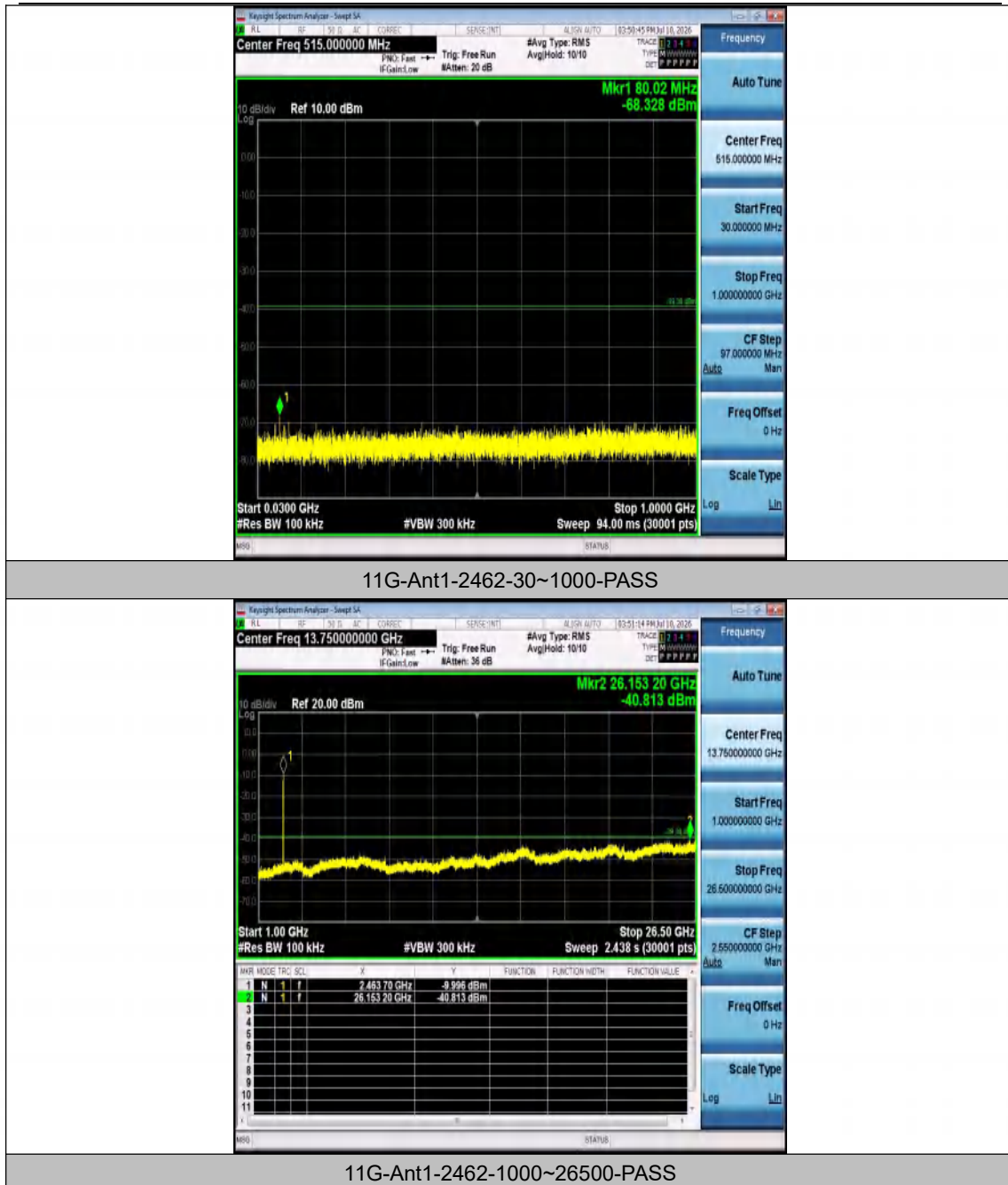
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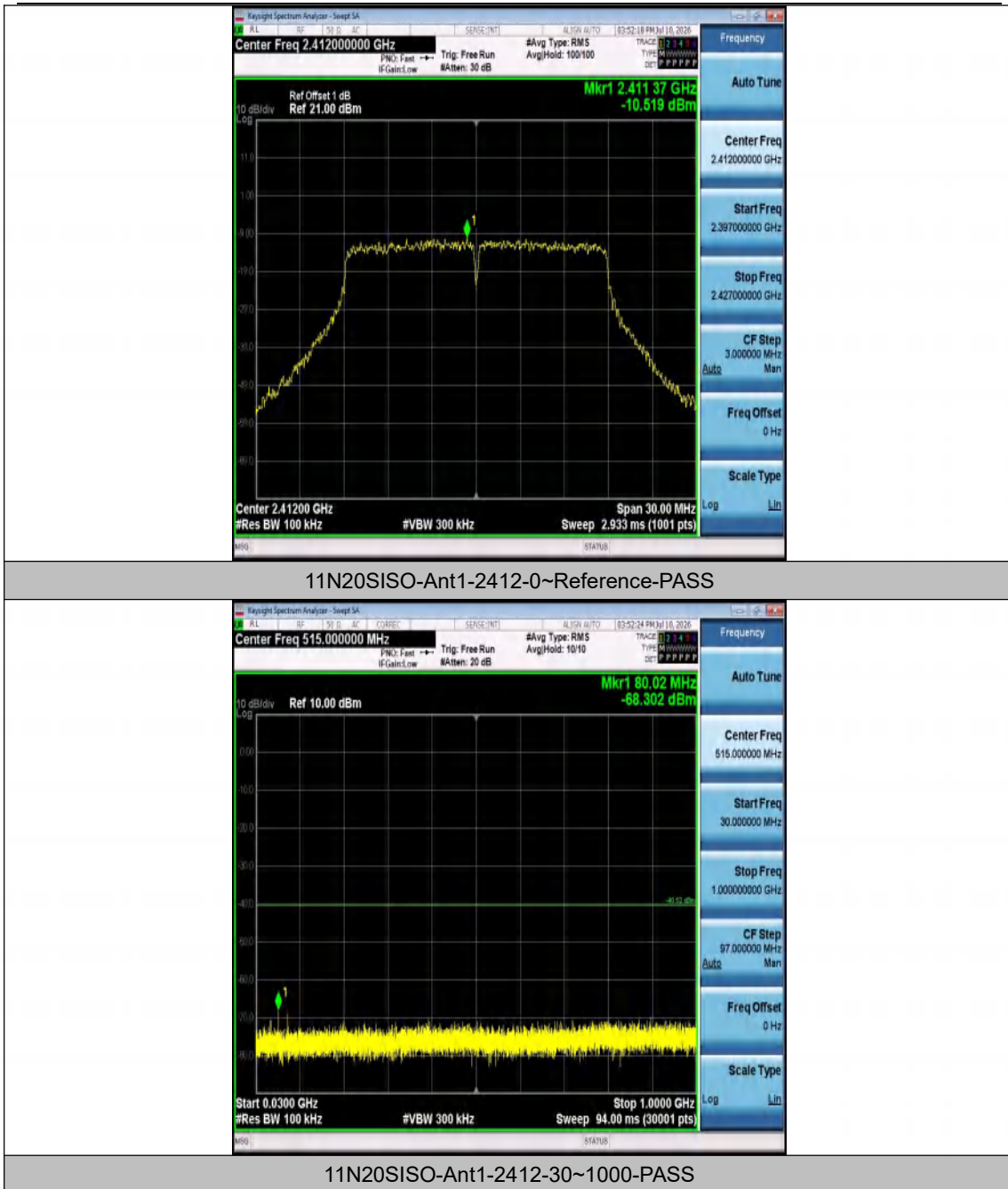


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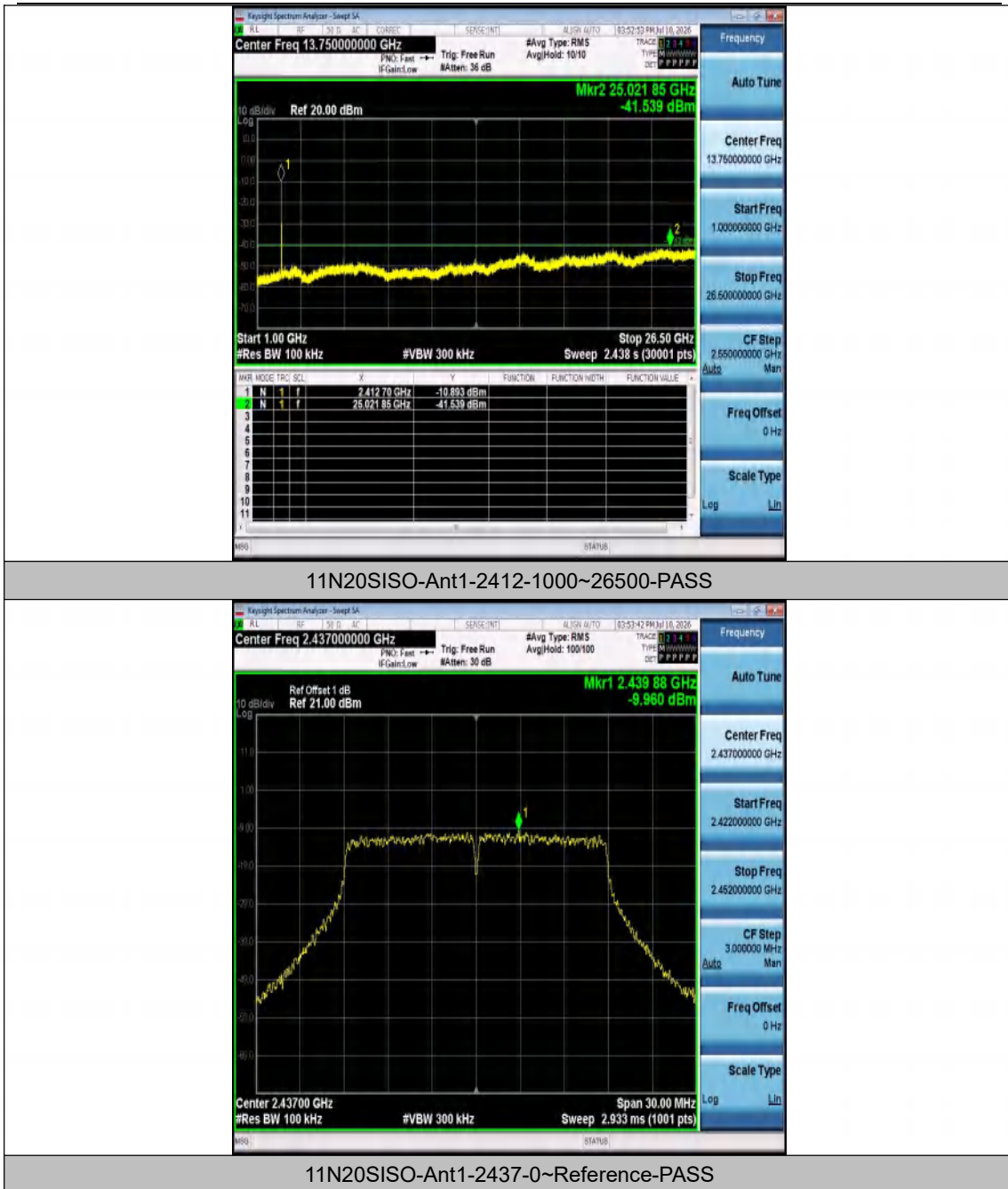




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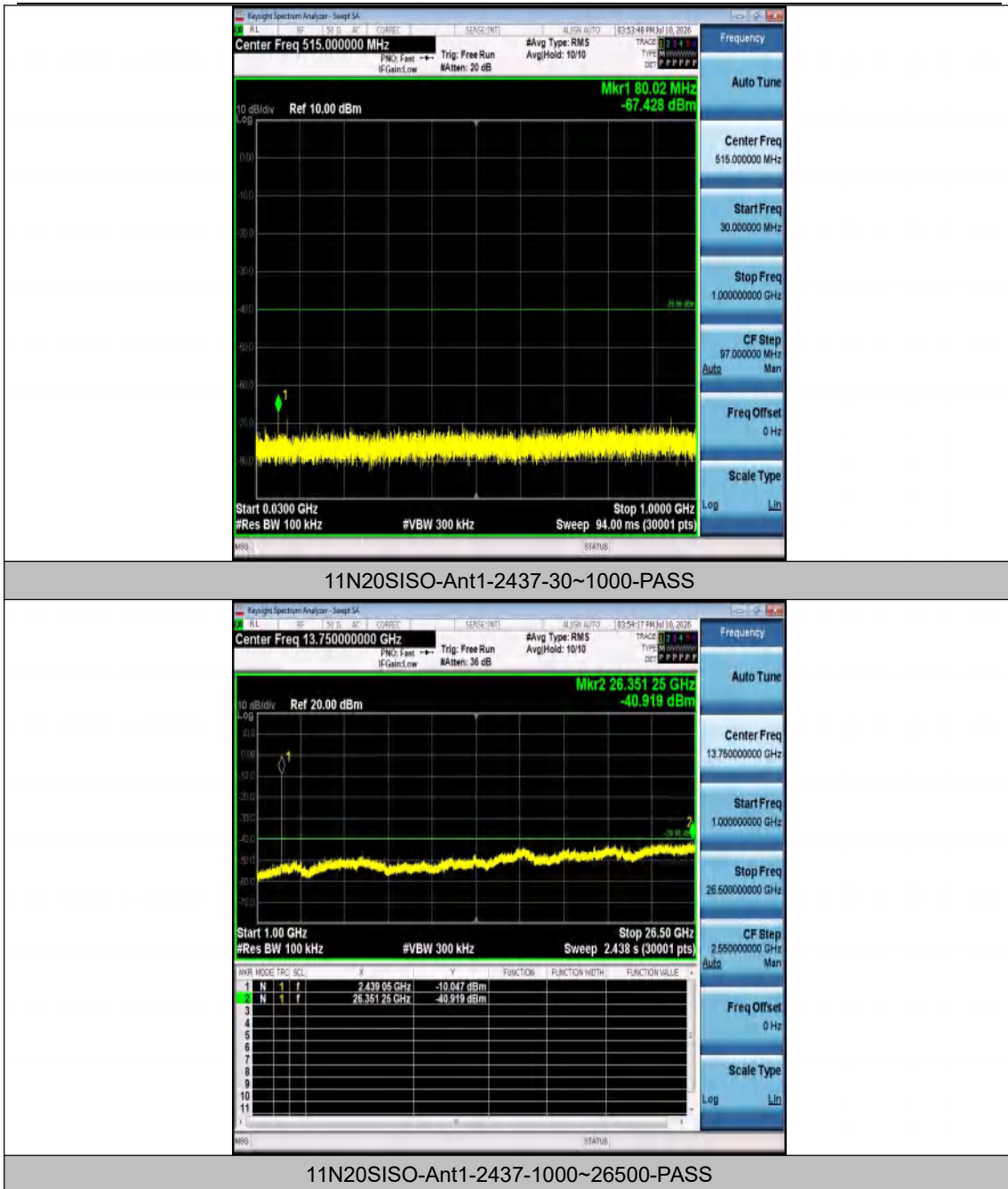
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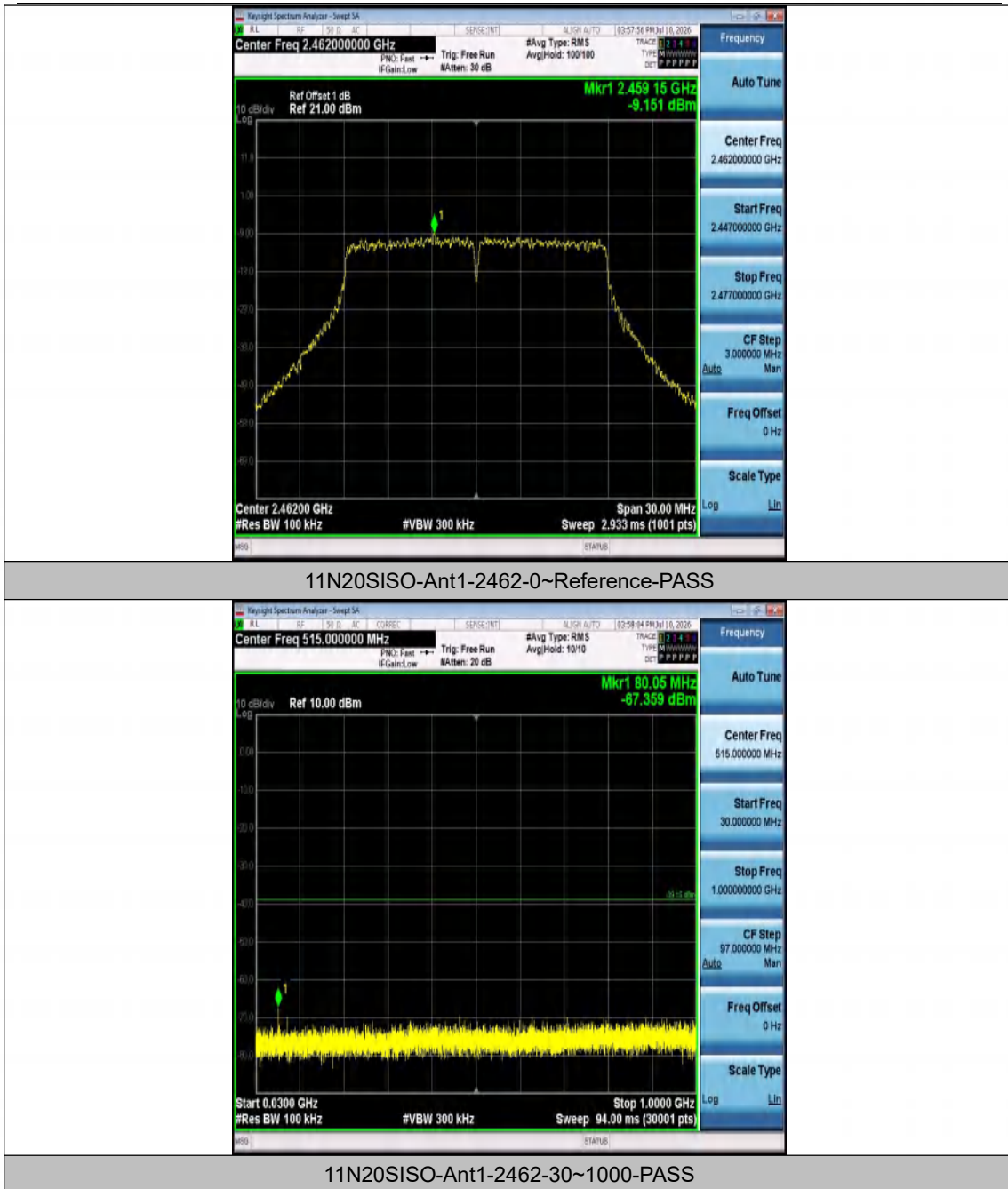
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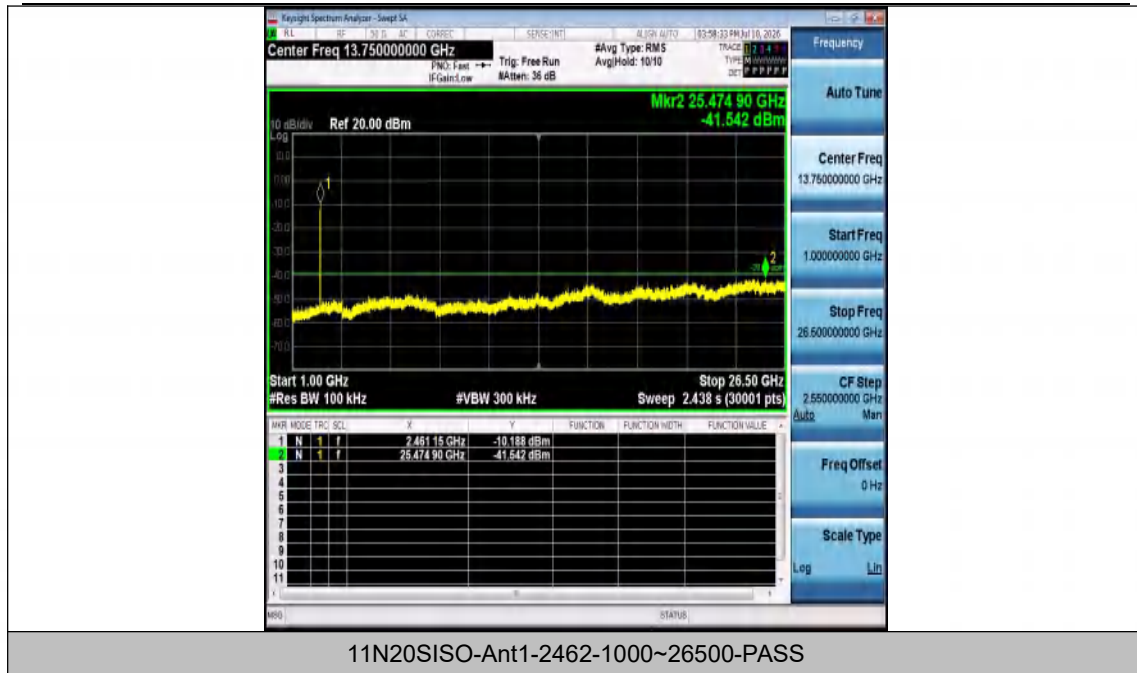
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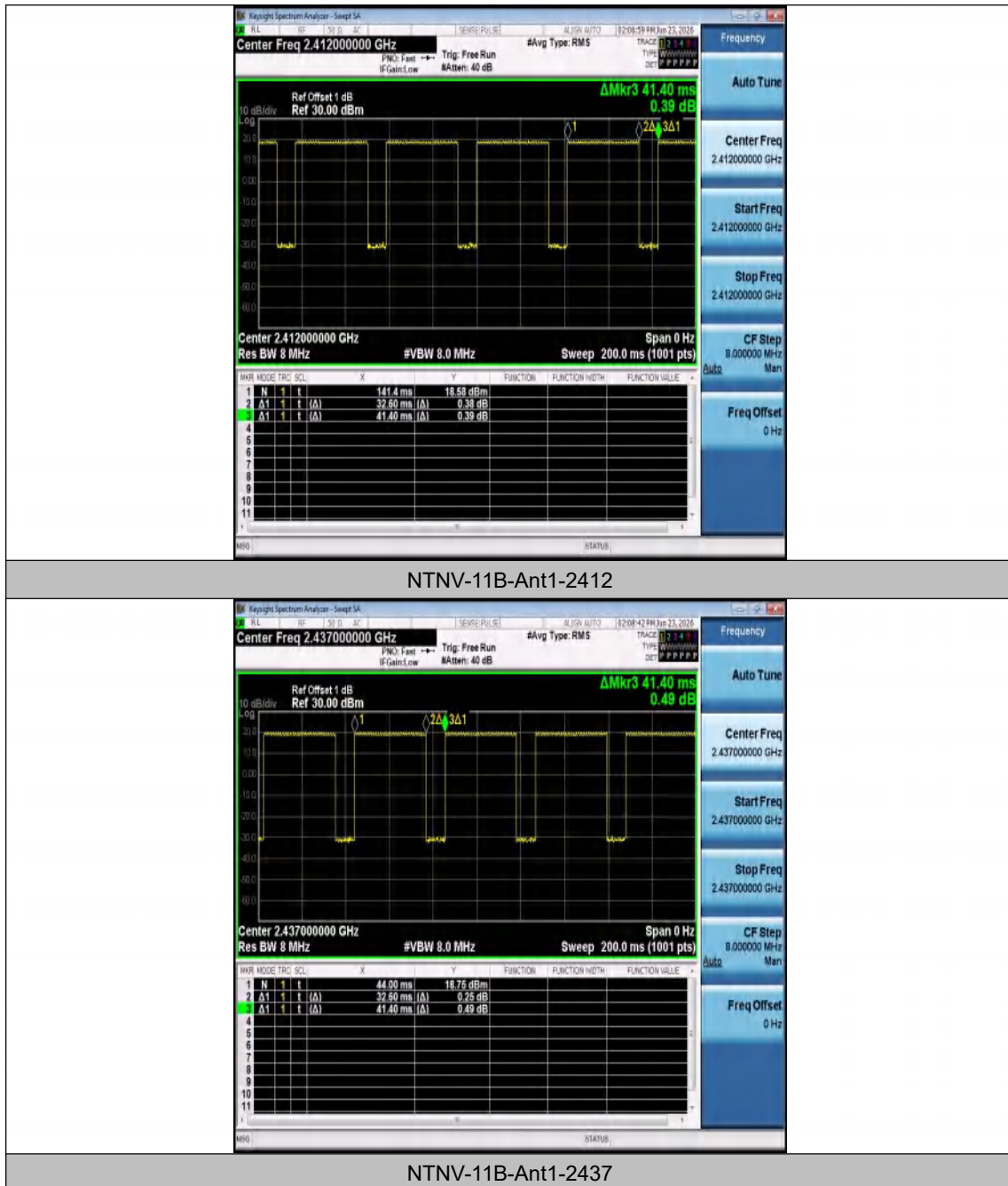
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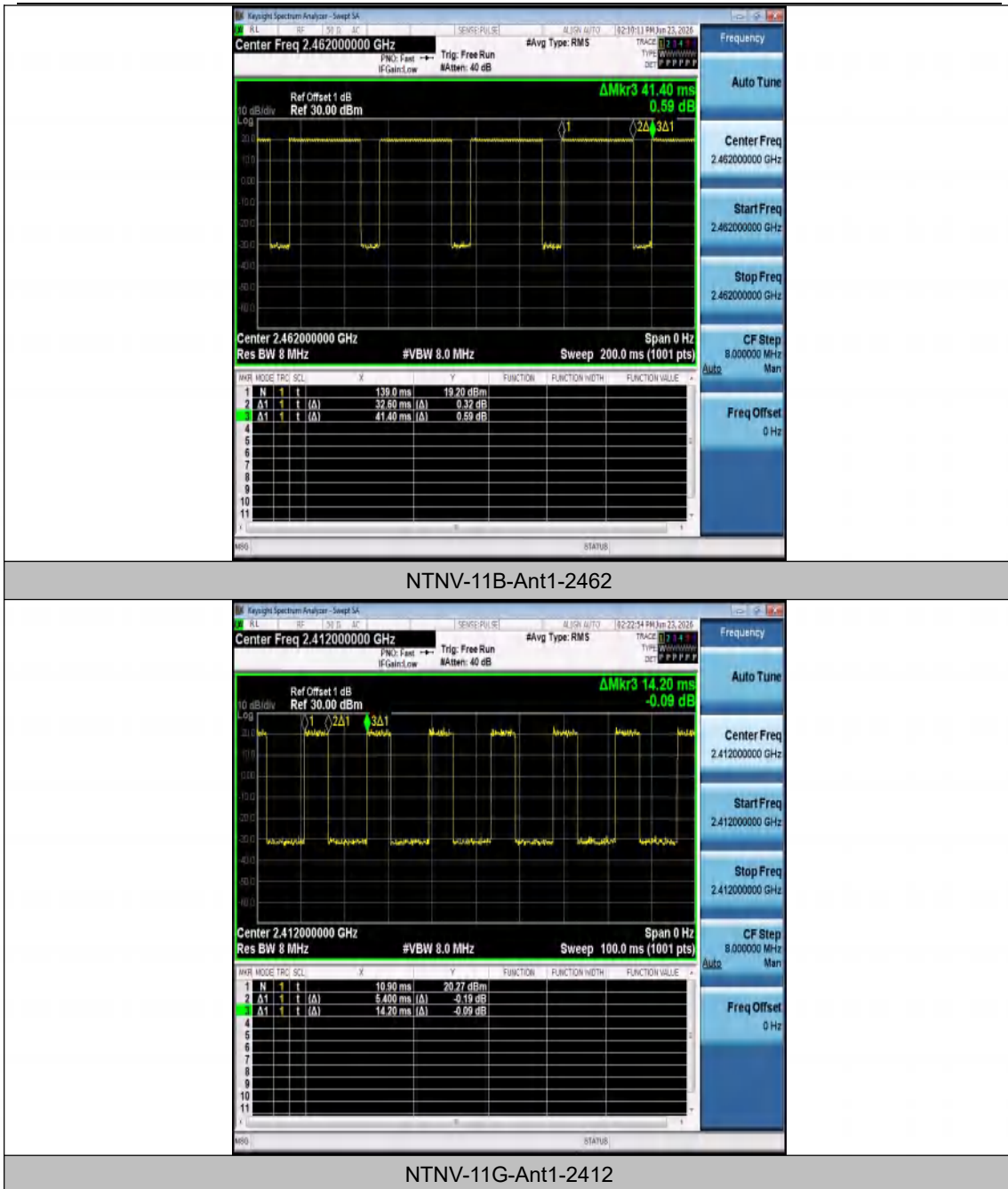
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2412	32.60	41.40	78.74	1.04
11B	Ant1	2437	32.60	41.40	78.74	1.04
11B	Ant1	2462	32.60	41.40	78.74	1.04
11G	Ant1	2412	5.40	14.20	38.03	4.20
11G	Ant1	2437	5.40	14.20	38.03	4.20
11G	Ant1	2462	5.40	14.20	38.03	4.20
11N20SISO	Ant1	2412	5.00	13.80	36.23	4.41
11N20SISO	Ant1	2437	5.00	13.80	36.23	4.41
11N20SISO	Ant1	2462	5.00	13.80	36.23	4.41

Test Graphs

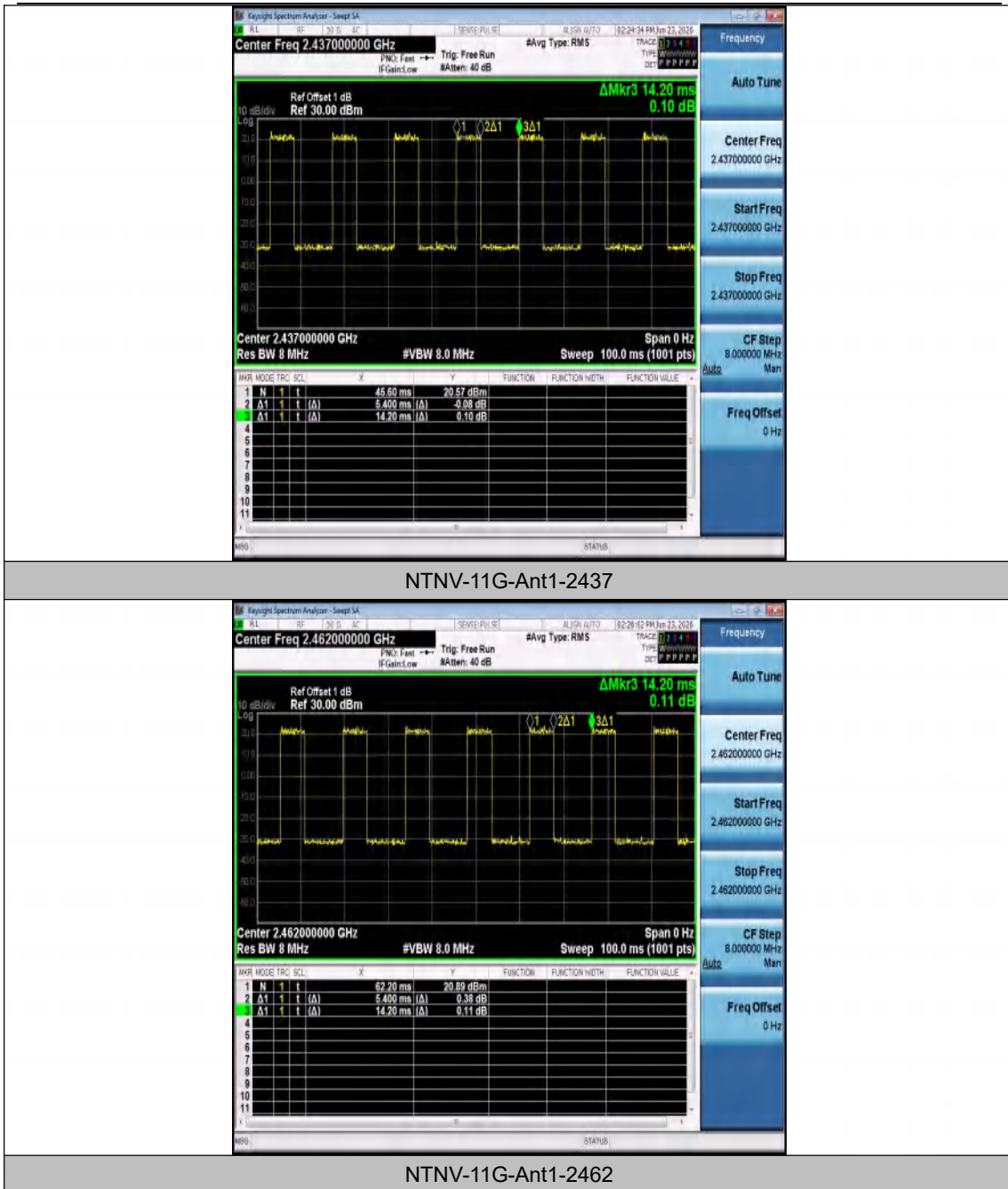


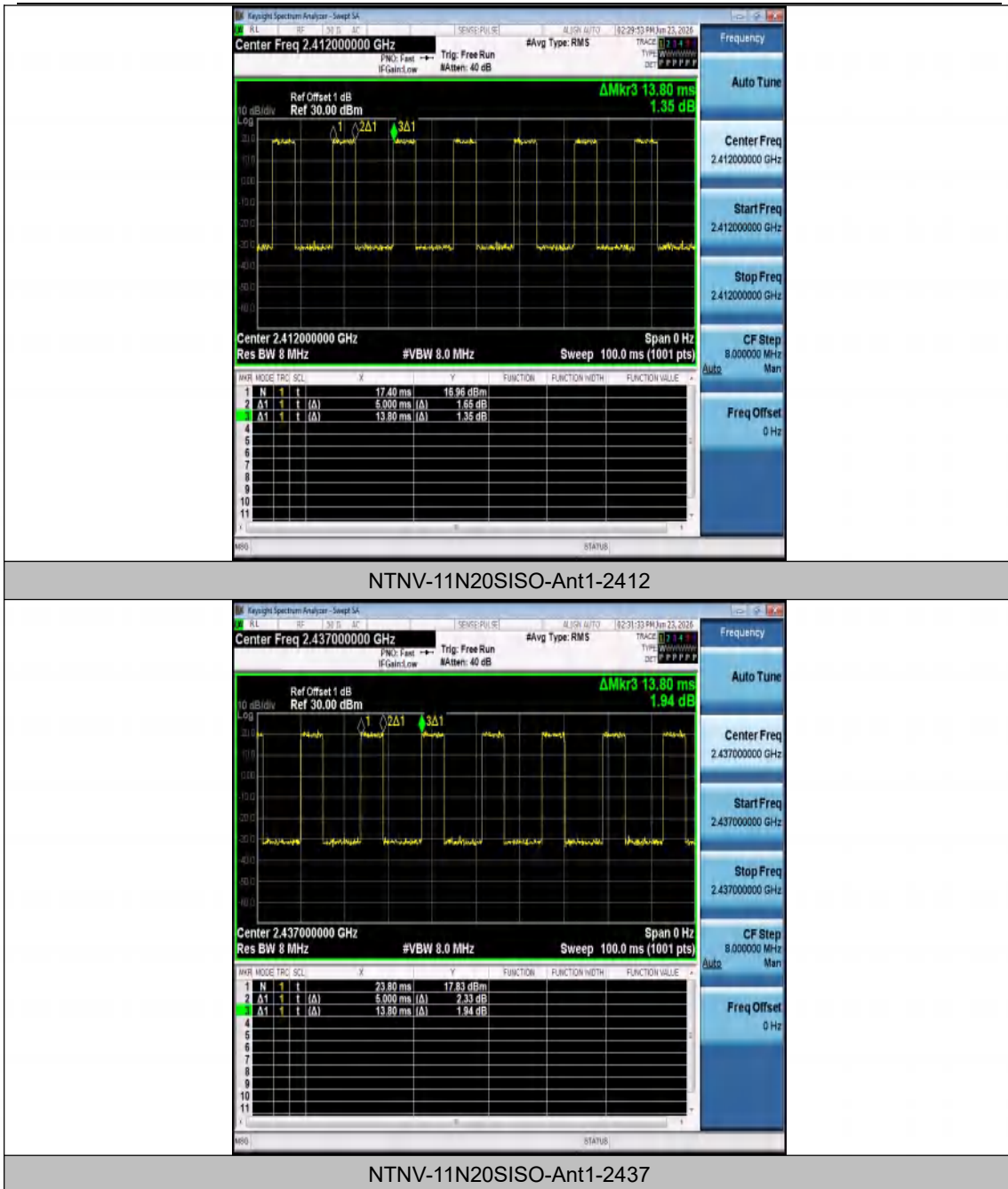


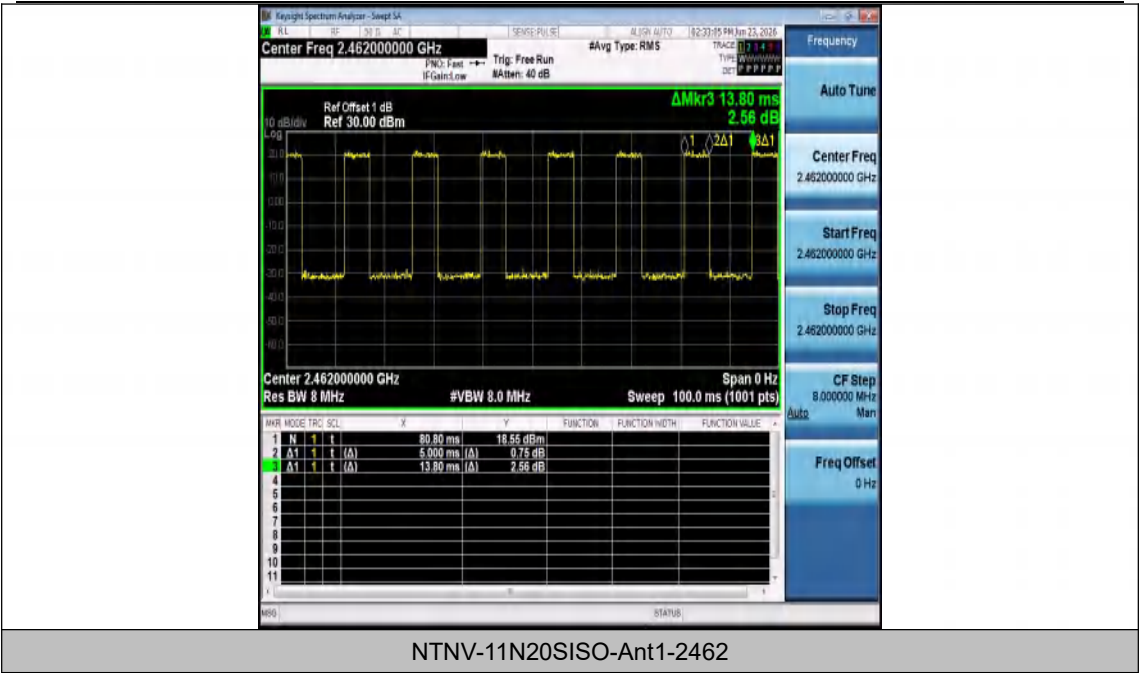
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