

Appendix Test Data

Report No.:	1812C60307012501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-6-5	Finish Test Date:	2026-6-9
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	24.2°C	Relative Humidity:	72%
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	9.120	2407.480	2416.600	0.5	PASS
11B	Ant1	2437	9.160	2432.480	2441.640	0.5	PASS
11B	Ant1	2462	9.080	2457.520	2466.600	0.5	PASS
11G	Ant1	2412	16.360	2403.880	2420.240	0.5	PASS
11G	Ant1	2437	16.520	2428.880	2445.400	0.5	PASS
11G	Ant1	2462	16.520	2453.760	2470.280	0.5	PASS
11N20SISO	Ant1	2412	17.600	2403.280	2420.880	0.5	PASS
11N20SISO	Ant1	2437	17.600	2428.280	2445.880	0.5	PASS
11N20SISO	Ant1	2462	17.720	2453.200	2470.920	0.5	PASS

Test Graphs



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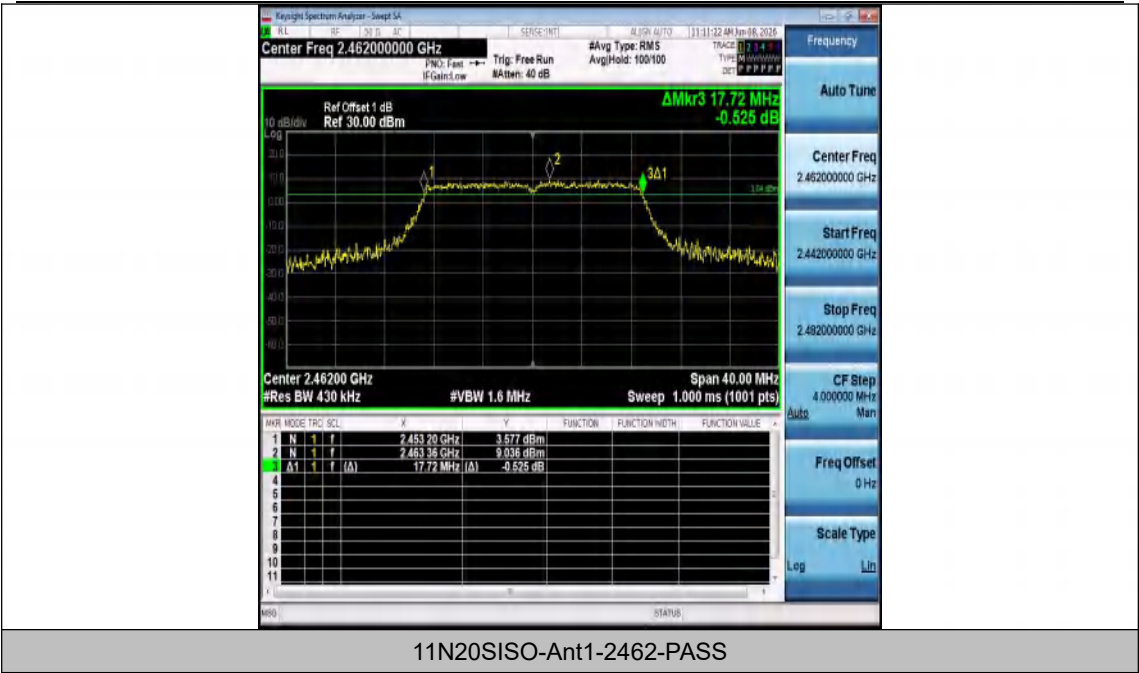
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11N20SISO-Ant1-2462-PASS

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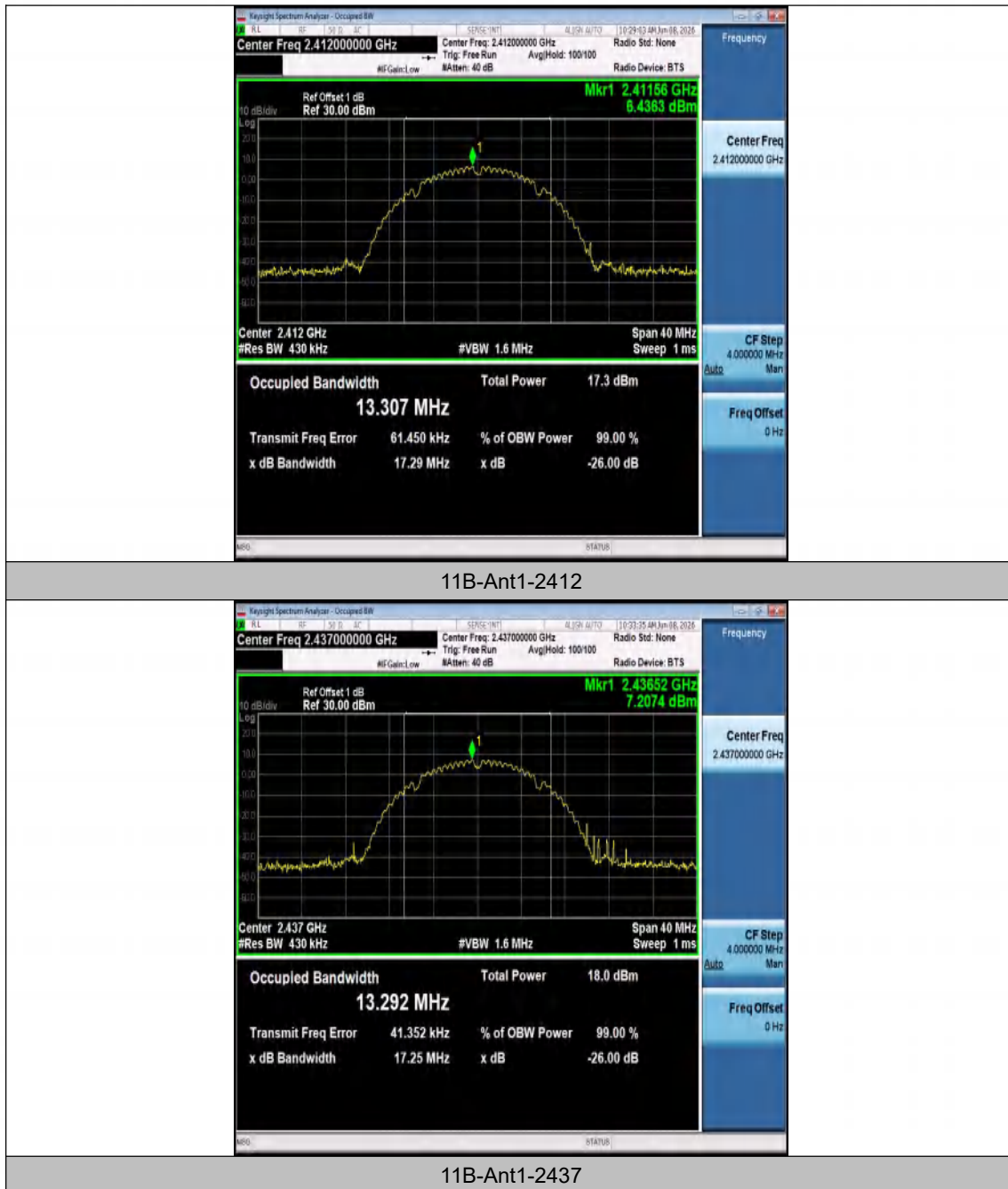
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.307	2405.4080	2418.7150	---	---
11B	Ant1	2437	13.292	2430.3954	2443.6874	---	---
11B	Ant1	2462	13.220	2455.4735	2468.6935	---	---
11G	Ant1	2412	17.095	2403.5441	2420.6391	---	---
11G	Ant1	2437	17.059	2428.4954	2445.5544	---	---
11G	Ant1	2462	17.192	2453.4117	2470.6037	---	---
11N20SISO	Ant1	2412	17.957	2403.0835	2421.0405	---	---
11N20SISO	Ant1	2437	18.077	2428.0066	2446.0836	---	---
11N20SISO	Ant1	2462	18.052	2453.0090	2471.0610	---	---

Test Graphs



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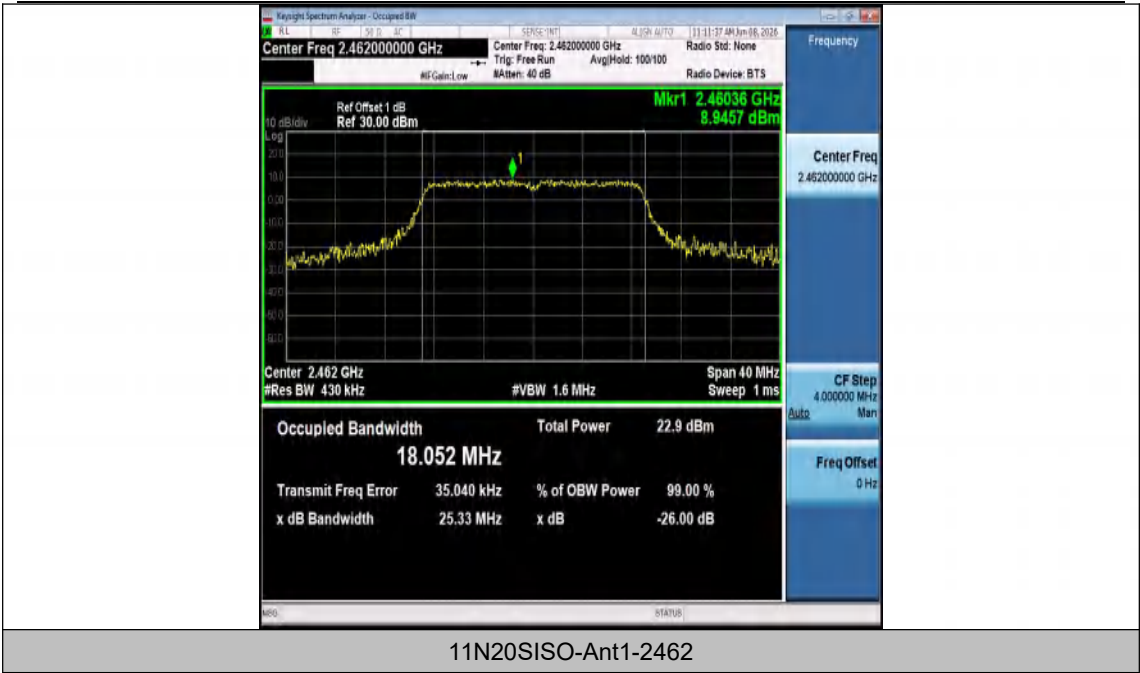
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Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	14.09	≤30.00	PASS
11B	Ant1	2437	14.89	≤30.00	PASS
11B	Ant1	2462	15.28	≤30.00	PASS
11G	Ant1	2412	14.53	≤30.00	PASS
11G	Ant1	2437	15.58	≤30.00	PASS
11G	Ant1	2462	16.64	≤30.00	PASS
11N20SISO	Ant1	2412	14.05	≤30.00	PASS
11N20SISO	Ant1	2437	15.83	≤30.00	PASS
11N20SISO	Ant1	2462	15.87	≤30.00	PASS

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

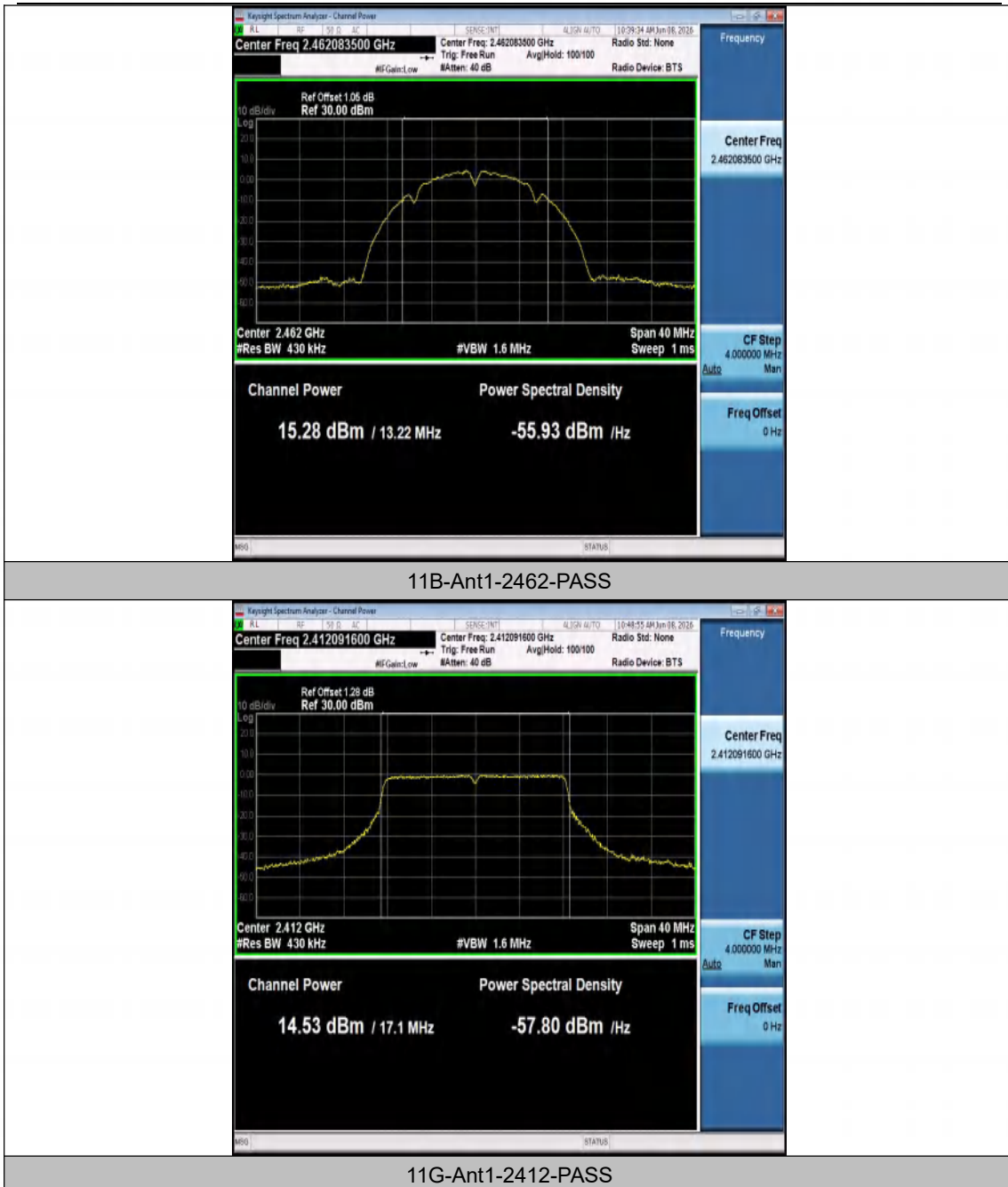
Test Graphs Average

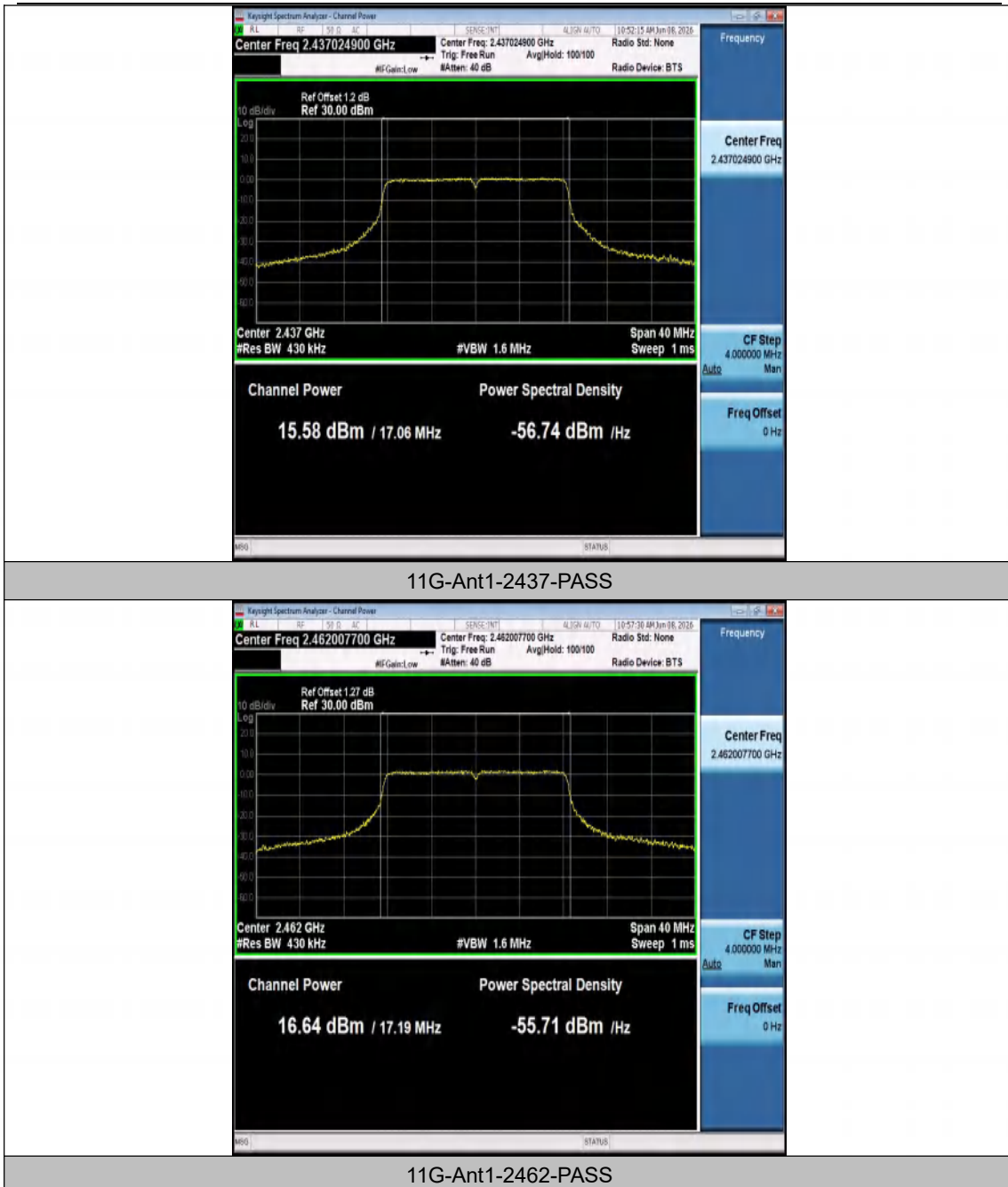


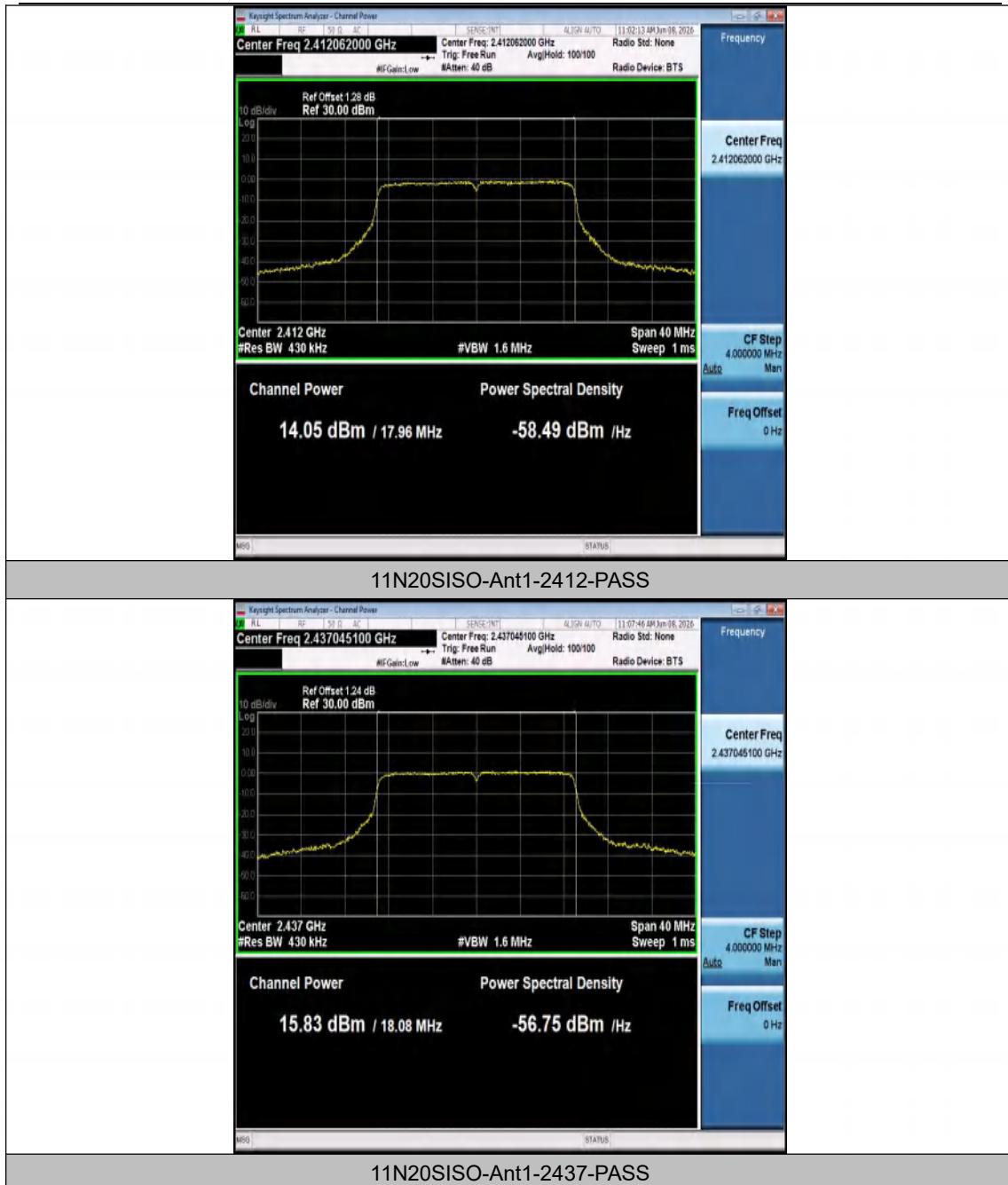
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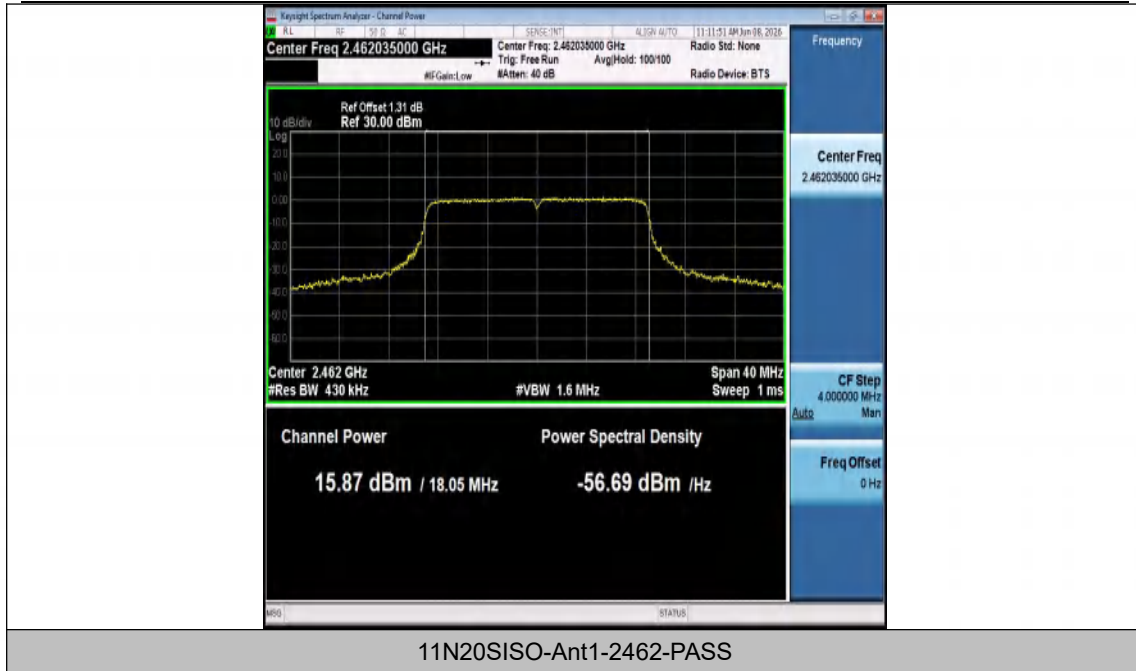
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Appendix D: Maximum power spectral density

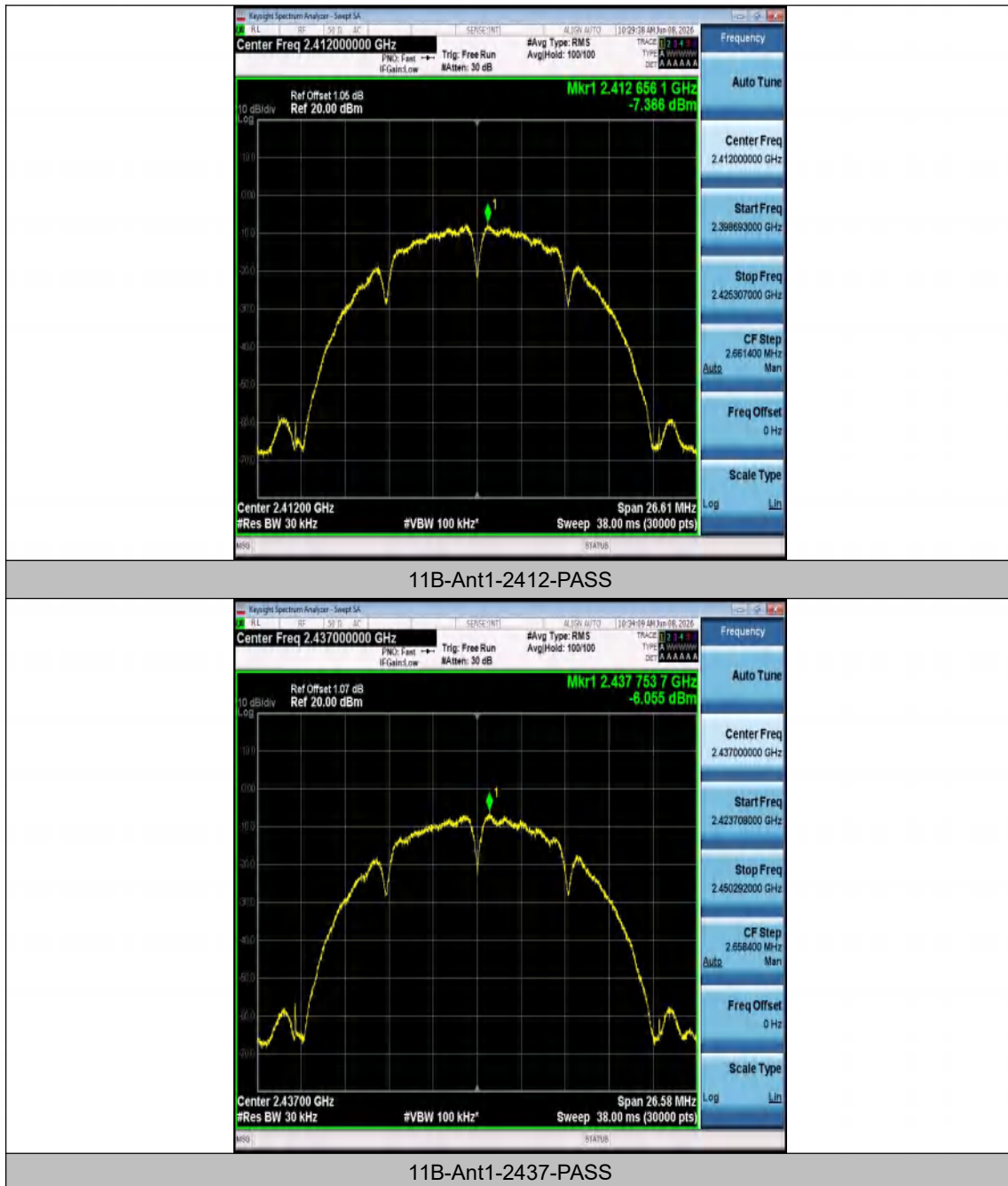
Test Result

Test Mode	Antenna	Frequency [MHz]	Result[dBm/30kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-7.37	≤8.00	PASS
11B	Ant1	2437	-6.06	≤8.00	PASS
11B	Ant1	2462	-5.74	≤8.00	PASS
11G	Ant1	2412	-9.55	≤8.00	PASS
11G	Ant1	2437	-8.48	≤8.00	PASS
11G	Ant1	2462	-6.82	≤8.00	PASS
11N20SIS O	Ant1	2412	-9.82	≤8.00	PASS
11N20SIS O	Ant1	2437	-8.64	≤8.00	PASS
11N20SIS O	Ant1	2462	-8.11	≤8.00	PASS

Note:

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

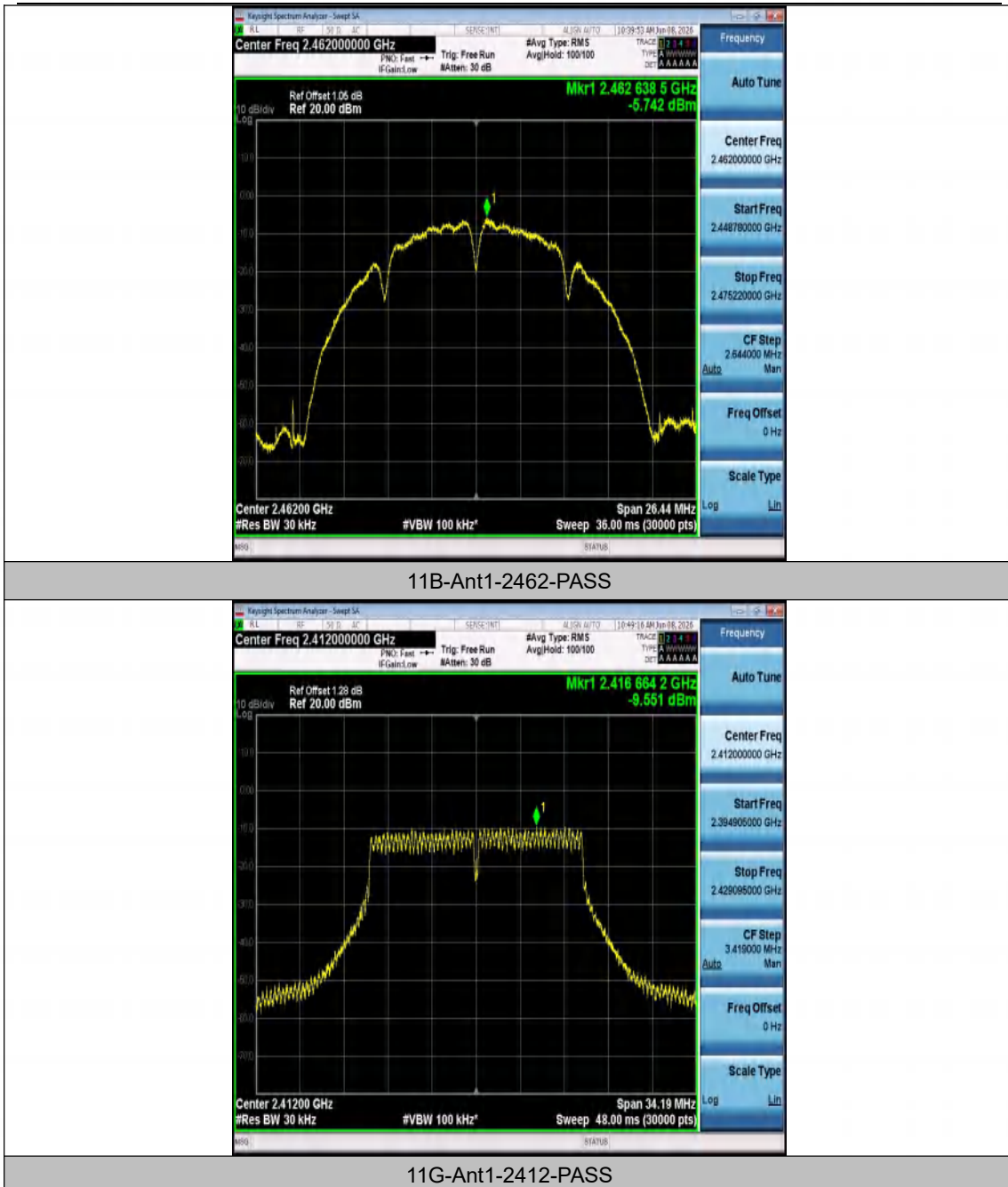
Test Graphs



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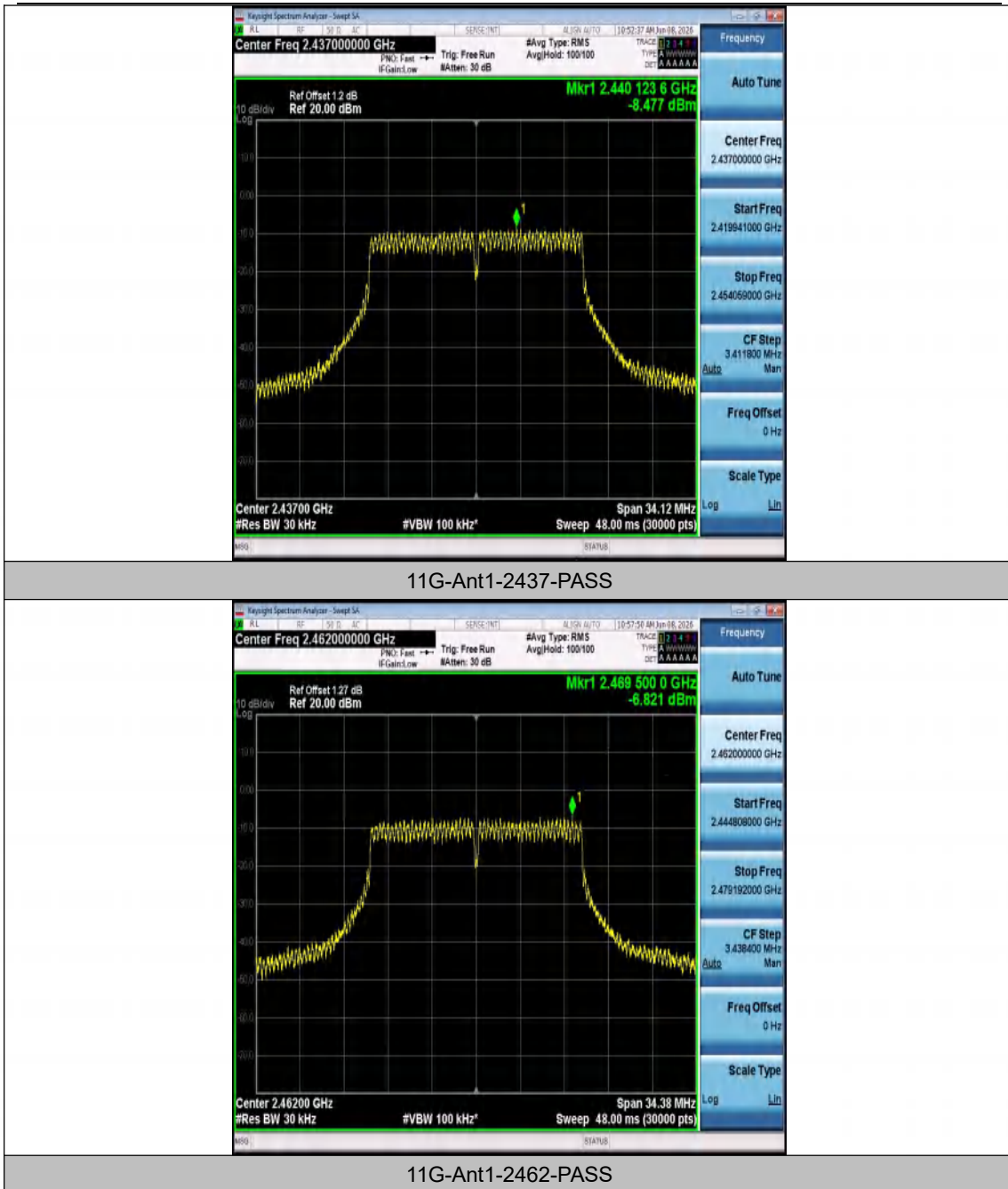
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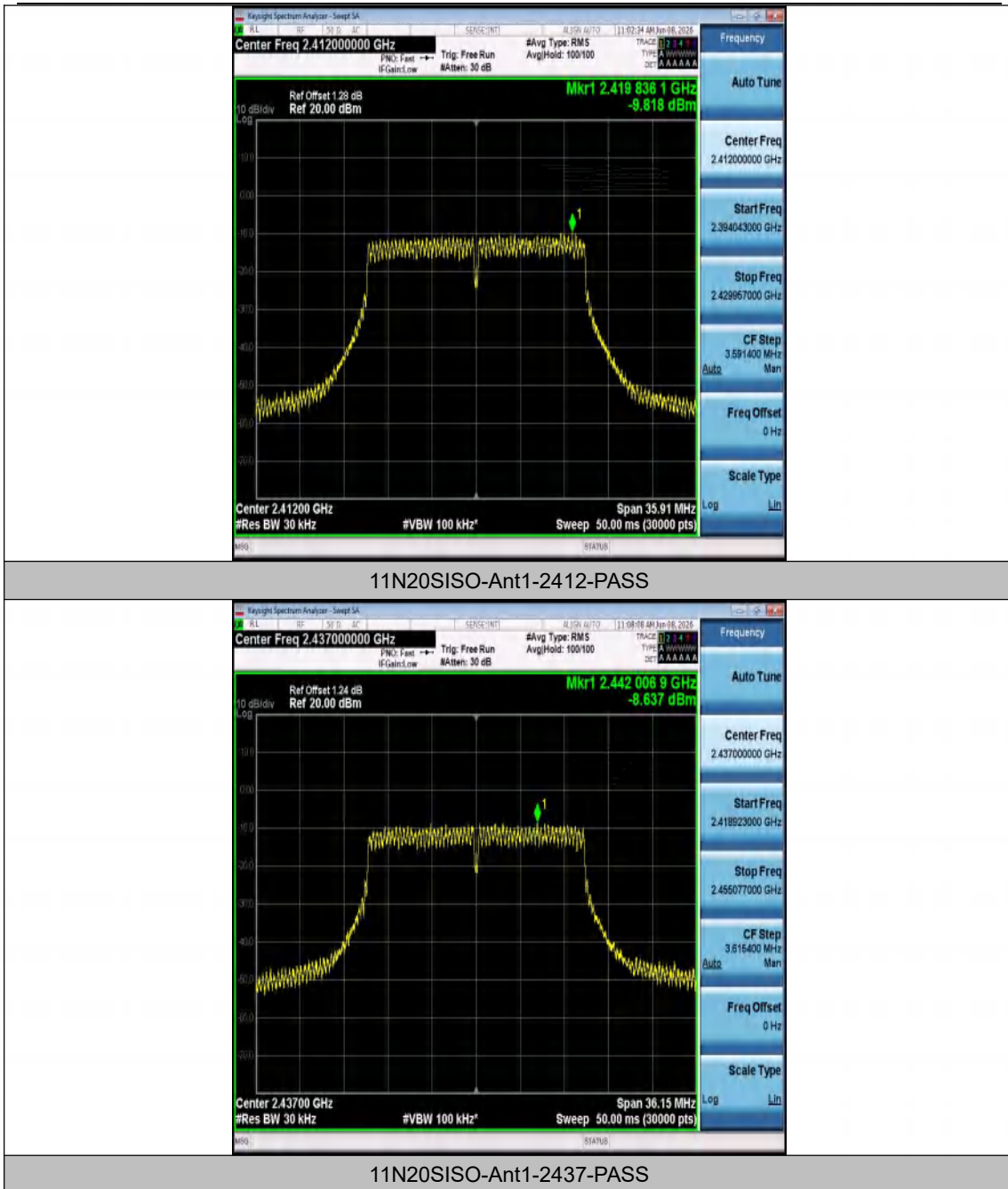
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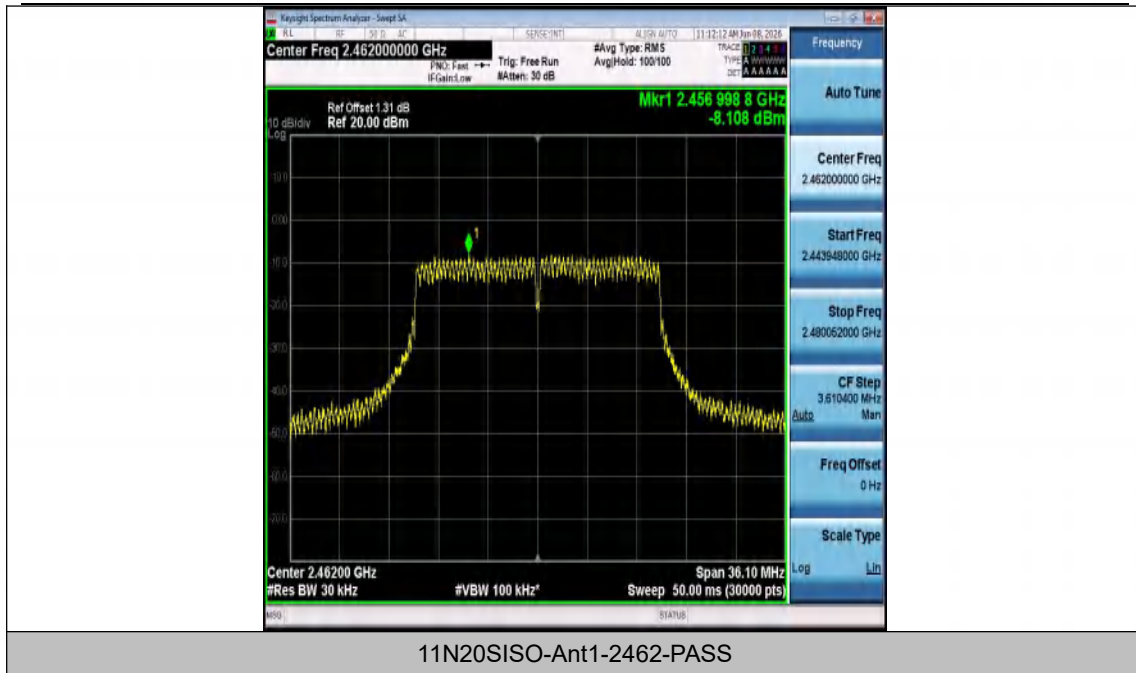
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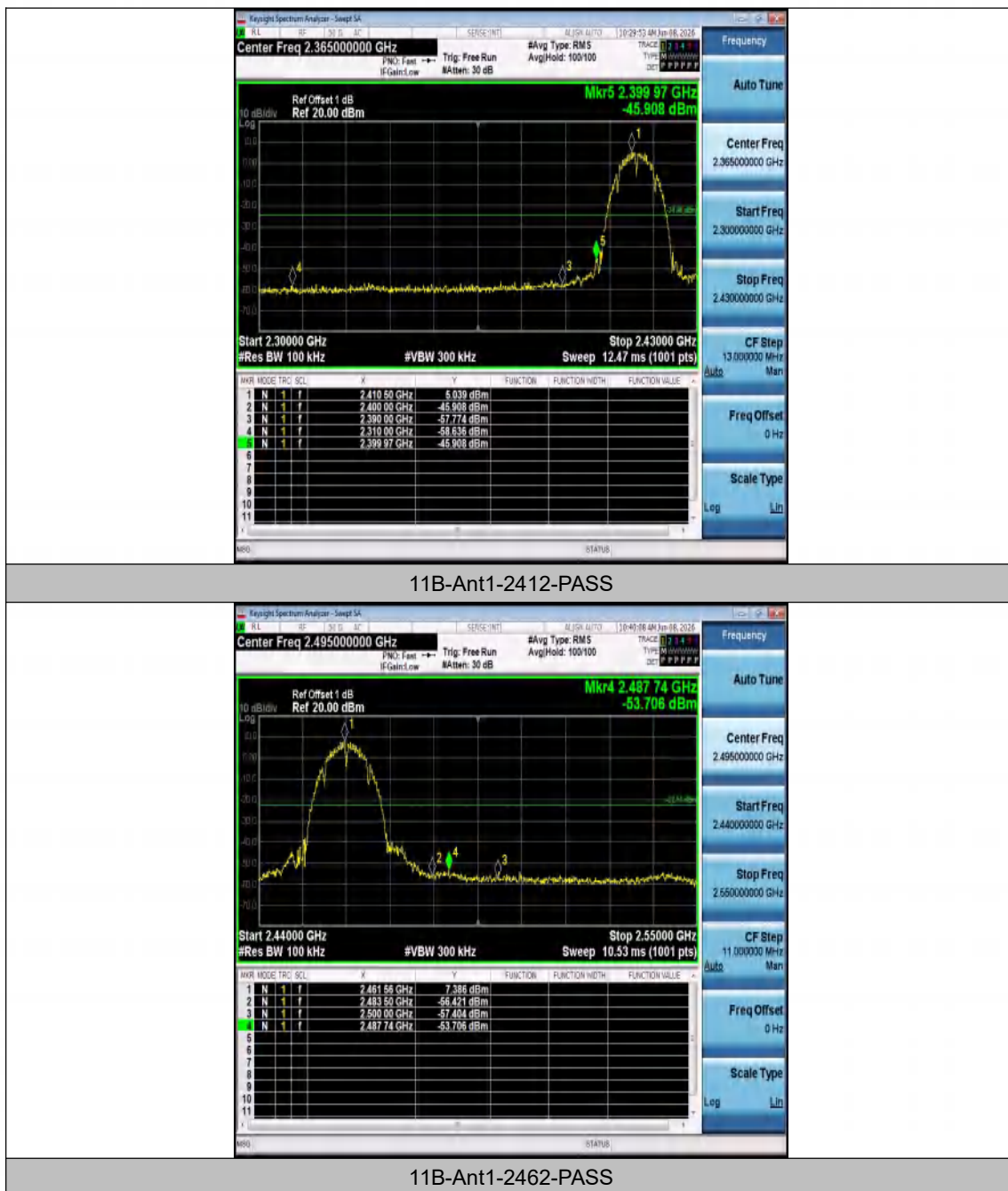
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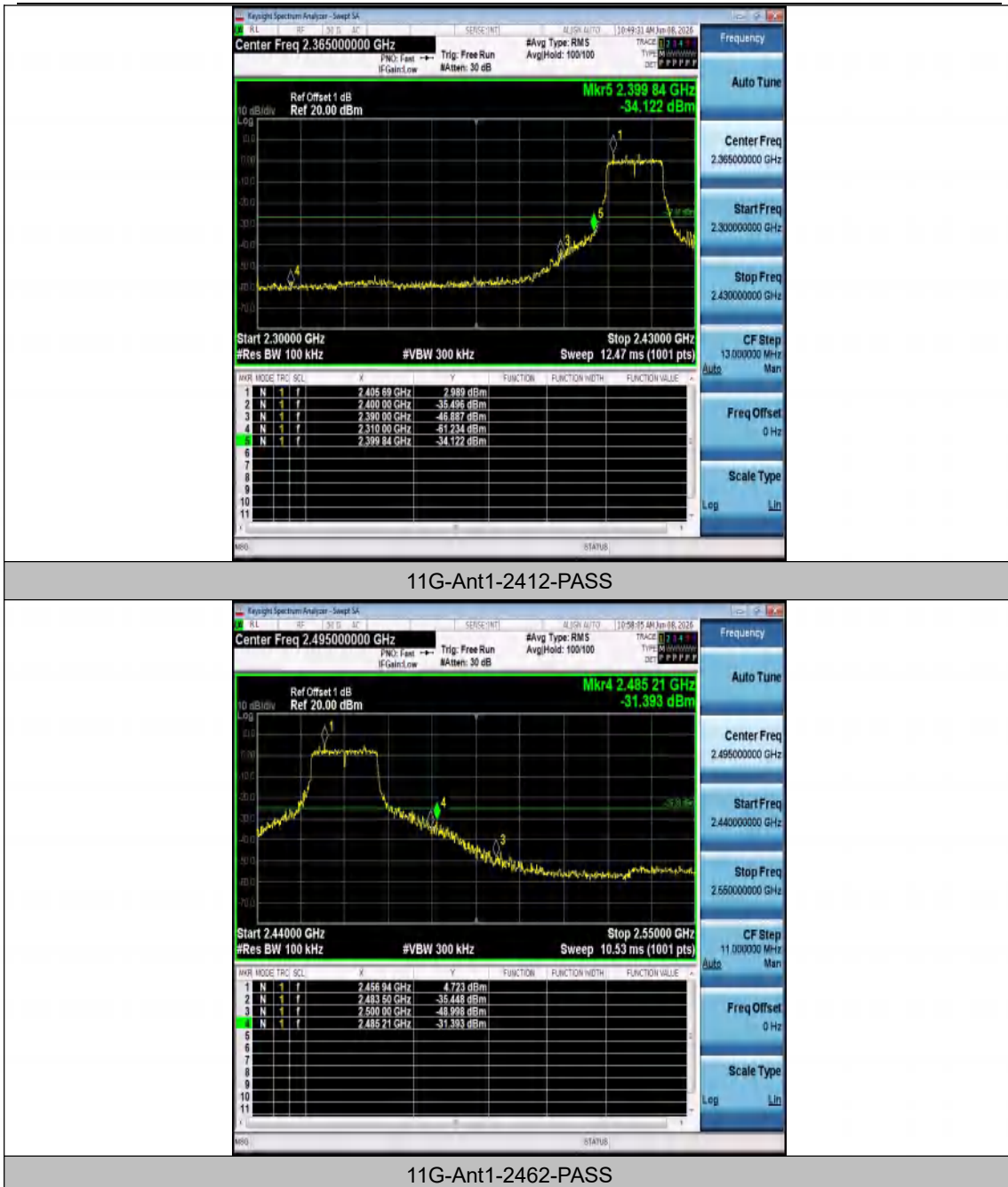
Appendix E: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.04	-45.91	≤ -24.96	PASS
11B	Ant1	High	2462	7.39	-53.71	≤ -22.61	PASS
11G	Ant1	Low	2412	2.99	-34.12	≤ -27.01	PASS
11G	Ant1	High	2462	4.72	-31.39	≤ -25.28	PASS
11N20SISO	Ant1	Low	2412	2.85	-33.41	≤ -27.15	PASS
11N20SISO	Ant1	High	2462	5.52	-30.65	≤ -24.48	PASS

Test Graphs







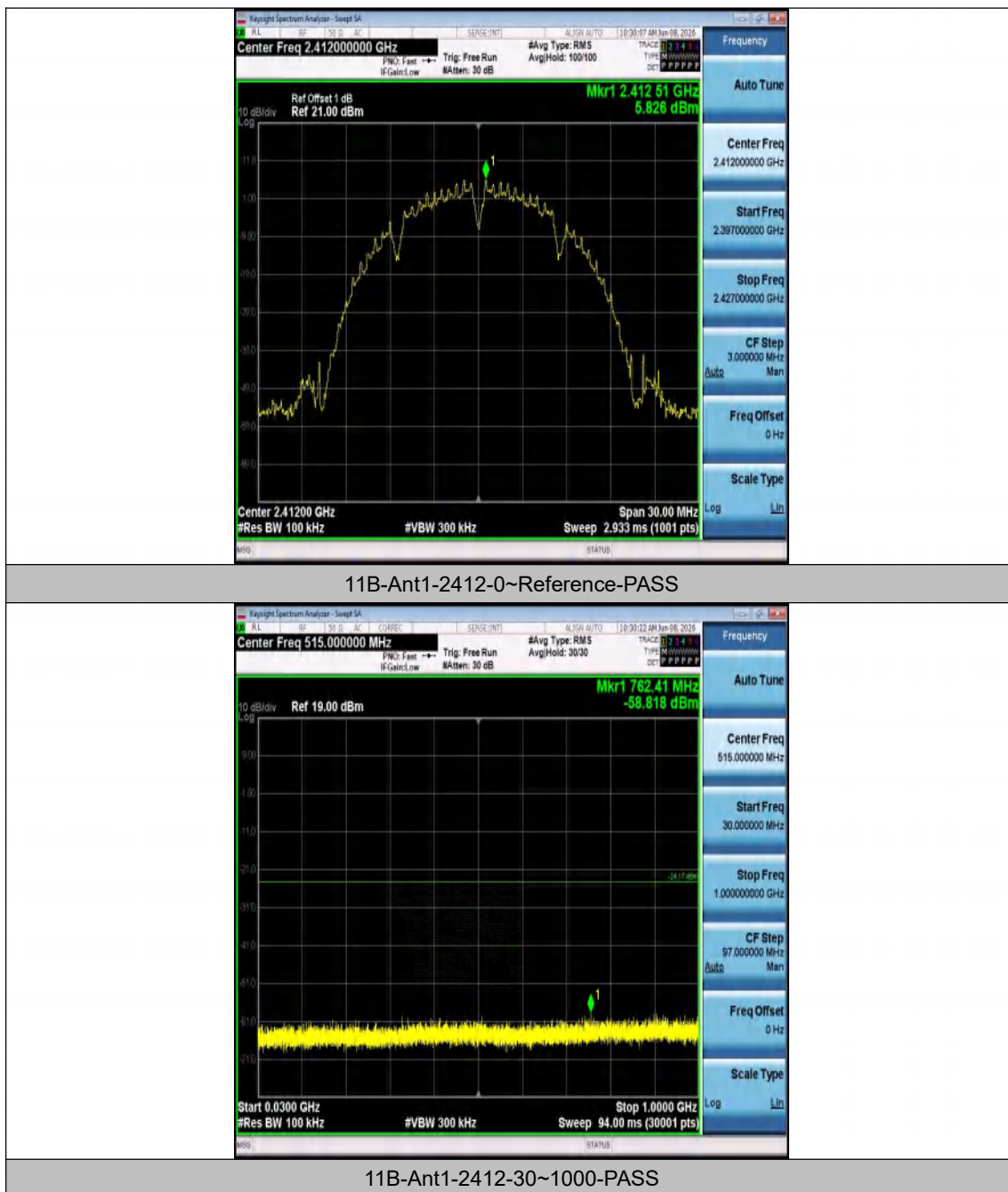
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	5.83	5.83	---	PASS
11B	Ant1	2412	30~1000	5.83	-58.82	≤-24.17	PASS
11B	Ant1	2412	1000~26500	5.83	-47.42	≤-24.17	PASS
11B	Ant1	2437	0~Reference	5.81	5.81	---	PASS
11B	Ant1	2437	30~1000	5.81	-59.3	≤-24.19	PASS
11B	Ant1	2437	1000~26500	5.81	-47.67	≤-24.19	PASS
11B	Ant1	2462	0~Reference	7.30	7.30	---	PASS
11B	Ant1	2462	30~1000	7.30	-58.88	≤-22.7	PASS
11B	Ant1	2462	1000~26500	7.30	-47.59	≤-22.7	PASS
11G	Ant1	2412	0~Reference	3.00	3.00	---	PASS
11G	Ant1	2412	30~1000	3.00	-57.77	≤-27	PASS
11G	Ant1	2412	1000~26500	3.00	-48.21	≤-27	PASS
11G	Ant1	2437	0~Reference	3.43	3.43	---	PASS
11G	Ant1	2437	30~1000	3.43	-59.01	≤-26.57	PASS
11G	Ant1	2437	1000~26500	3.43	-48.79	≤-26.57	PASS
11G	Ant1	2462	0~Reference	5.63	5.63	---	PASS
11G	Ant1	2462	30~1000	5.63	-58.98	≤-24.37	PASS
11G	Ant1	2462	1000~26500	5.63	-47.69	≤-24.37	PASS
11N20SISO	Ant1	2412	0~Reference	3.05	3.05	---	PASS
11N20SISO	Ant1	2412	30~1000	3.05	-59.15	≤-26.95	PASS
11N20SISO	Ant1	2412	1000~26500	3.05	-48.79	≤-26.95	PASS
11N20SISO	Ant1	2437	0~Reference	4.38	4.38	---	PASS
11N20SISO	Ant1	2437	30~1000	4.38	-58.83	≤-25.62	PASS
11N20SISO	Ant1	2437	1000~26500	4.38	-48.29	≤-25.62	PASS
11N20SISO	Ant1	2462	0~Reference	4.96	4.96	---	PASS
11N20SISO	Ant1	2462	30~1000	4.96	-59.21	≤-25.04	PASS
11N20SISO	Ant1	2462	1000~26500	4.96	-48.31	≤-25.04	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.

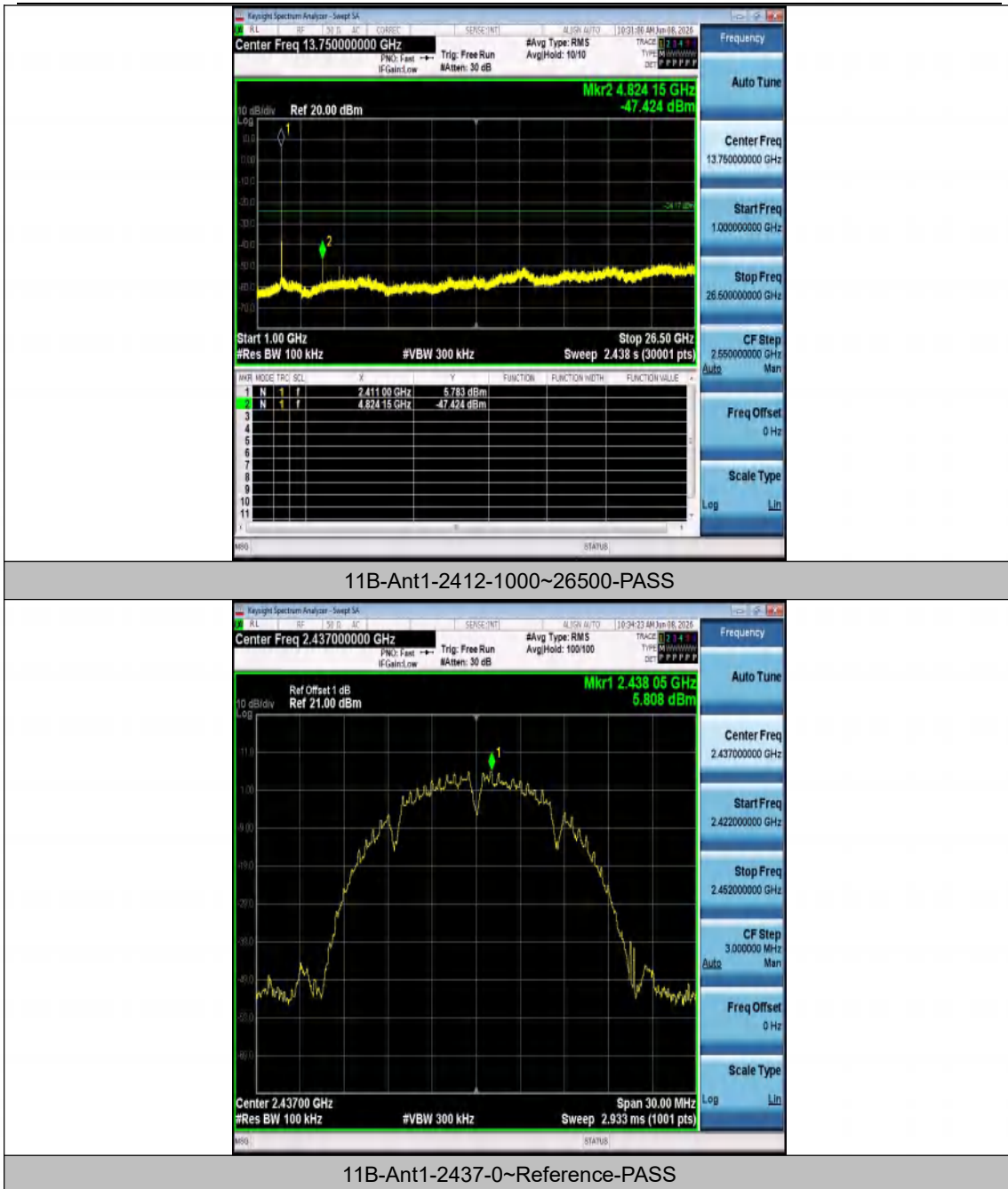
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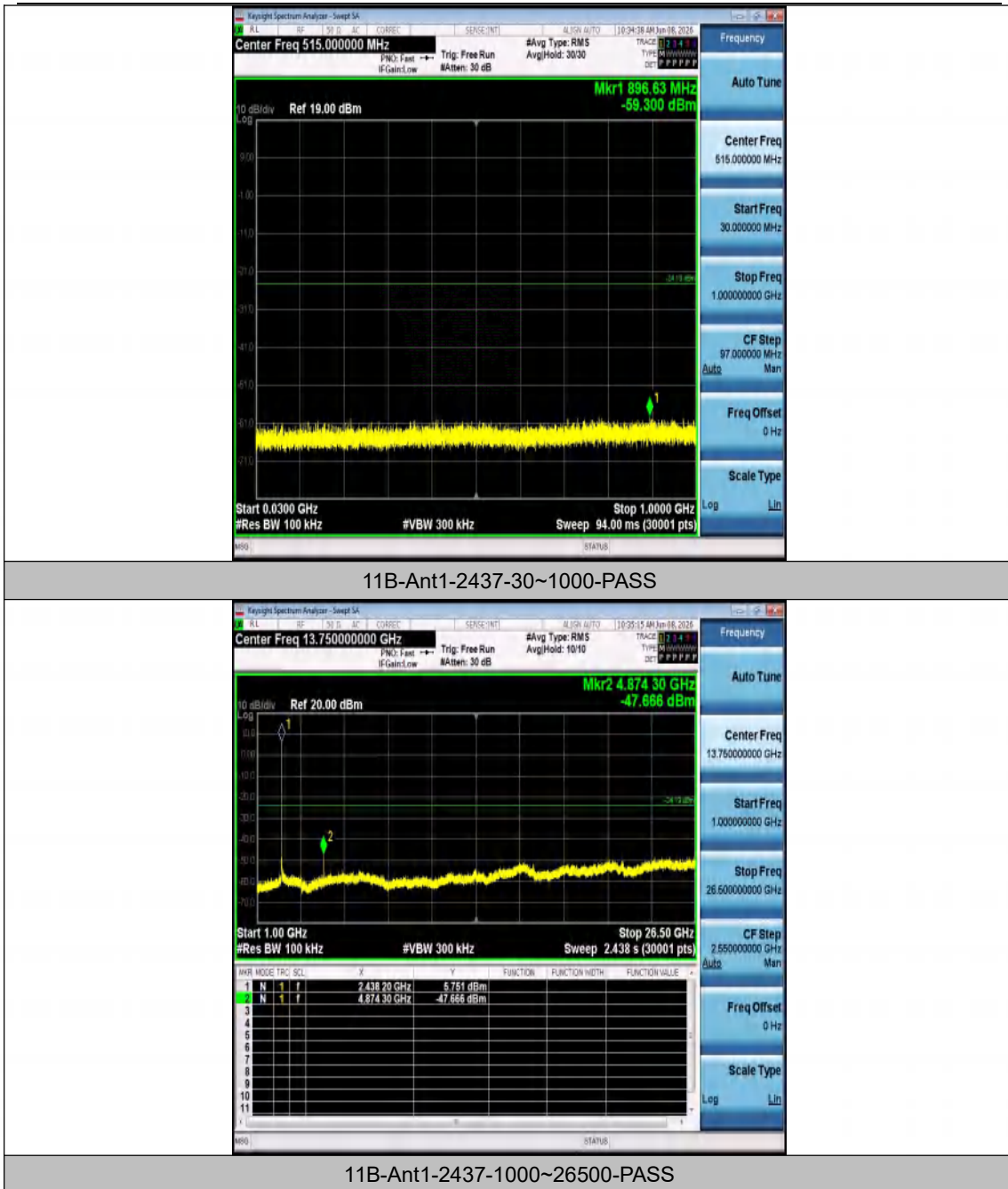
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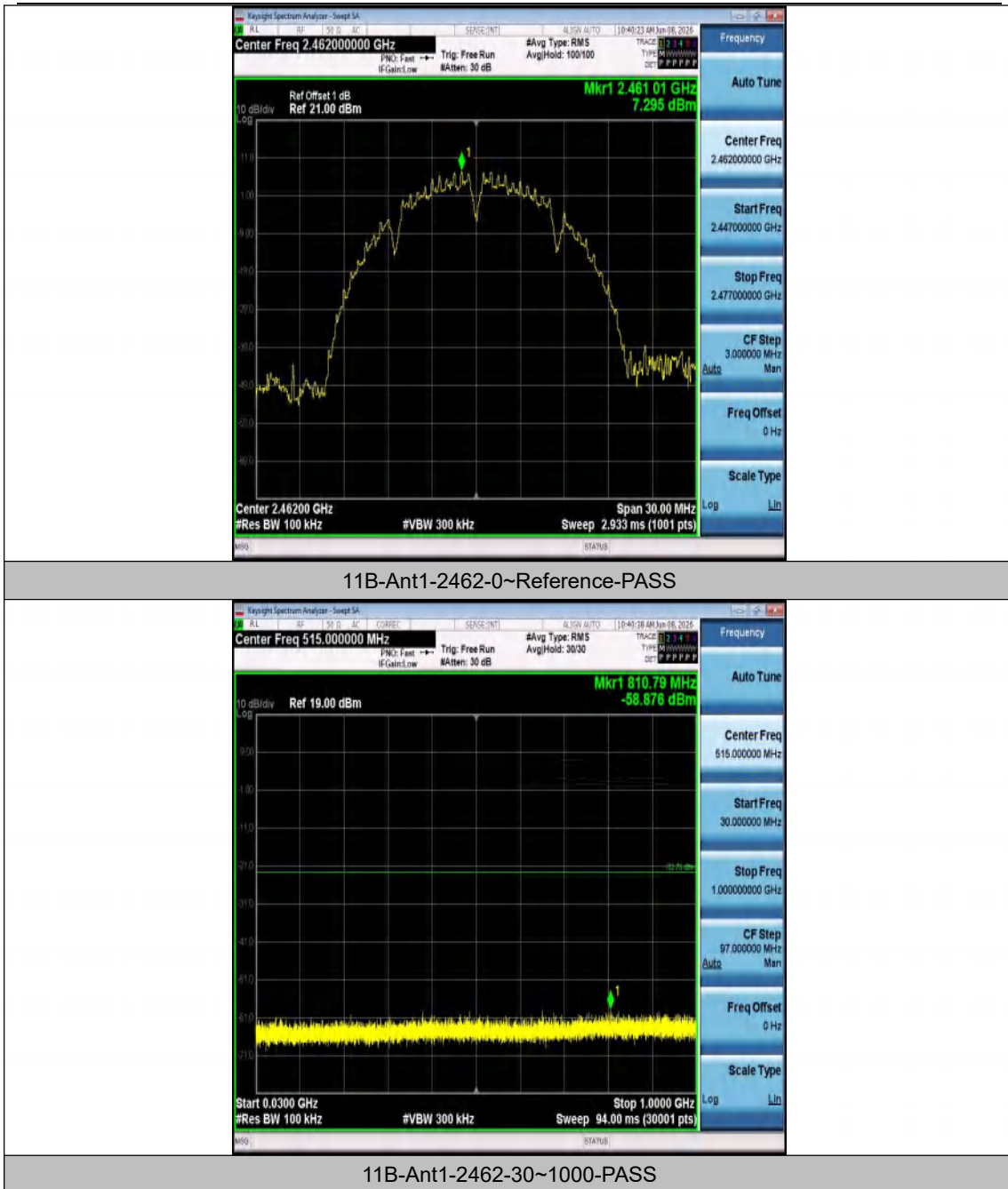


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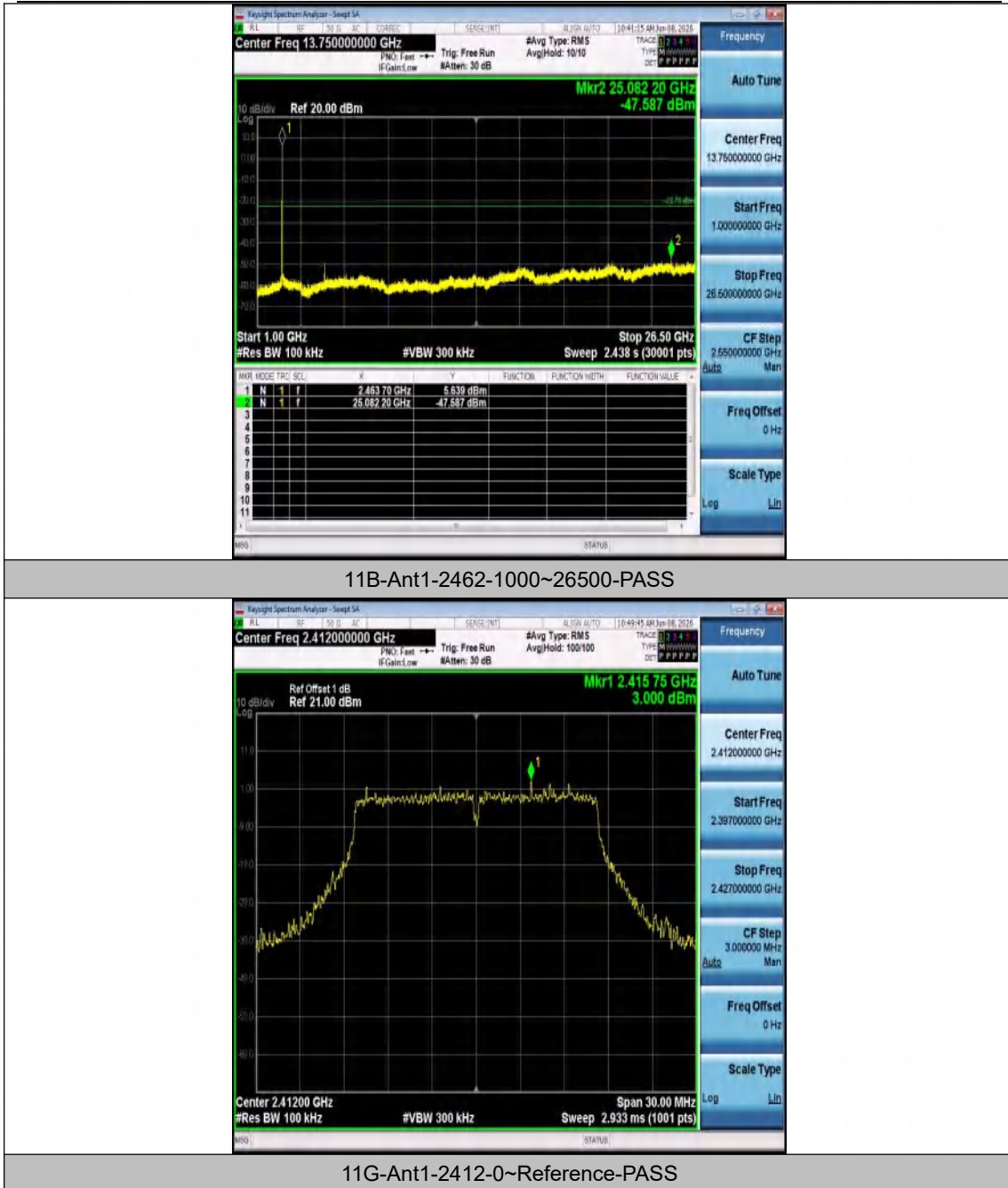




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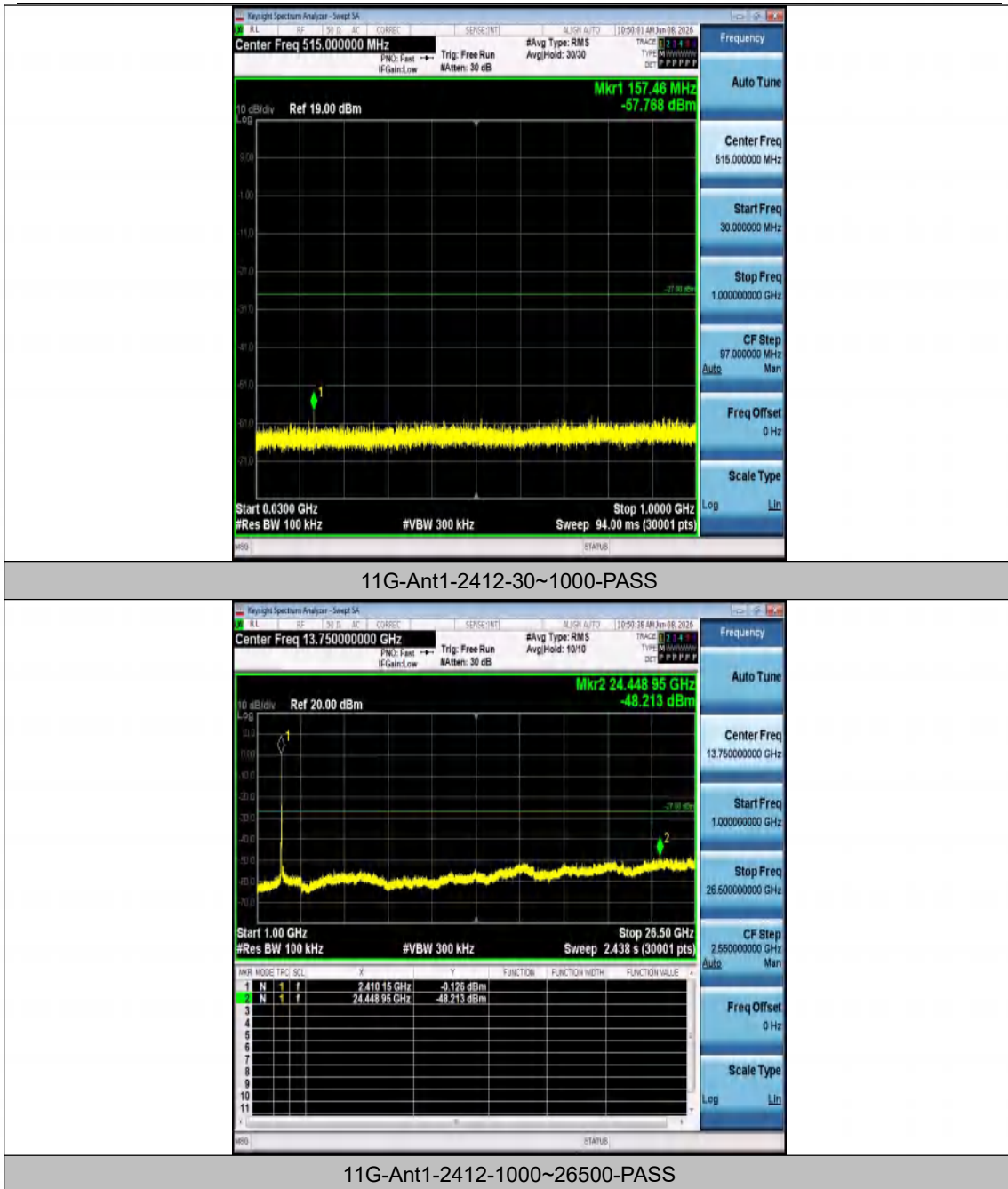
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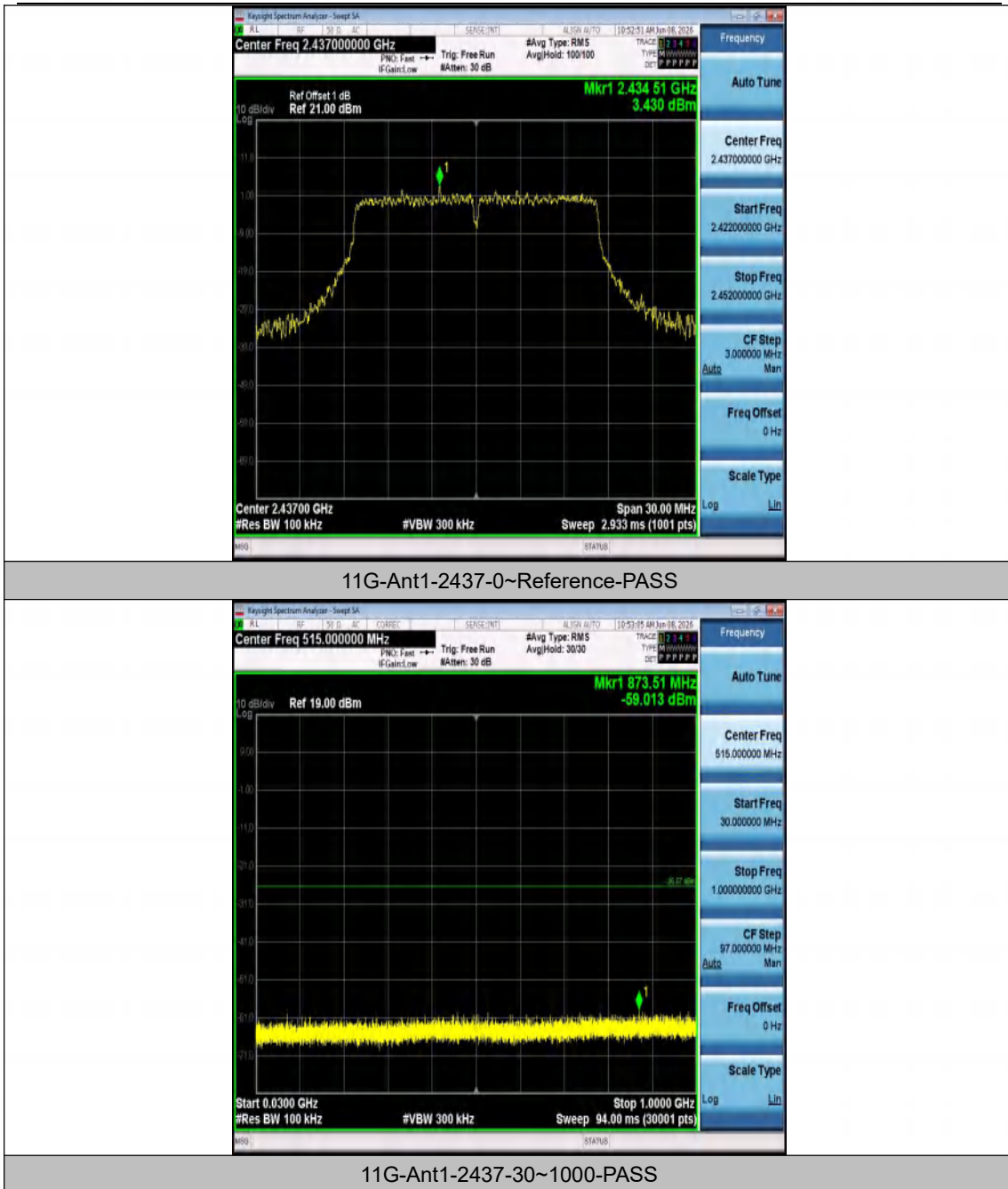


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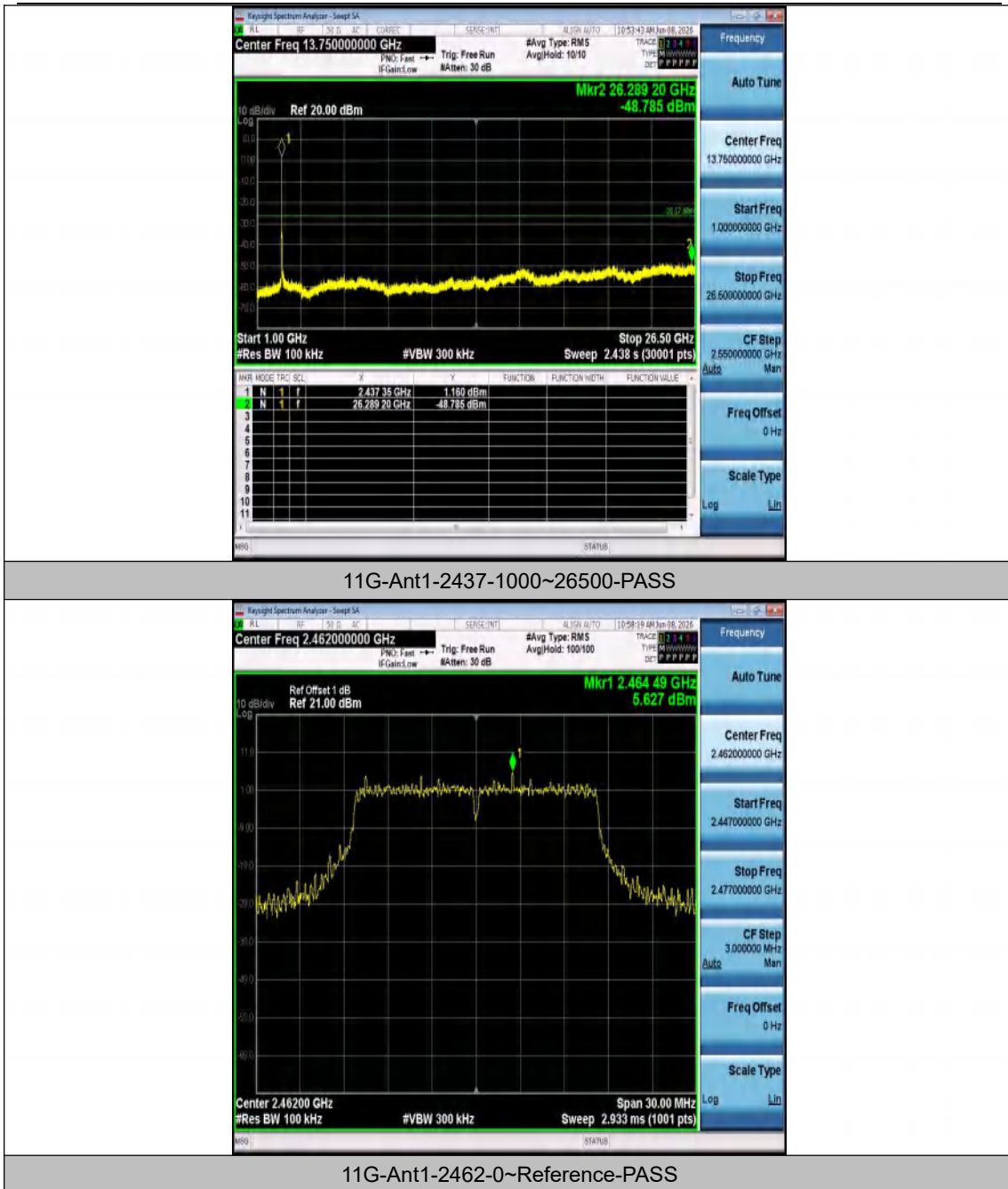




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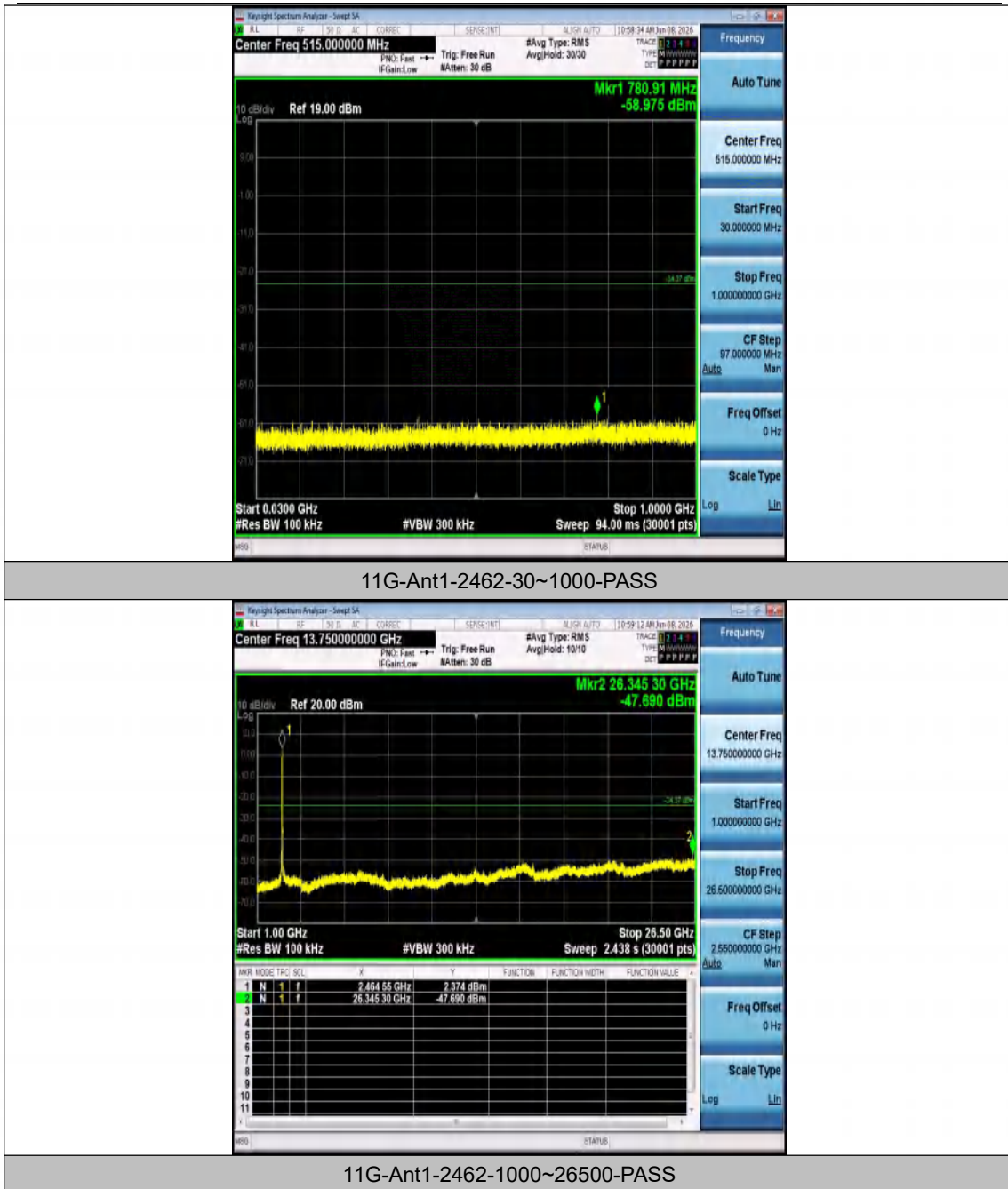
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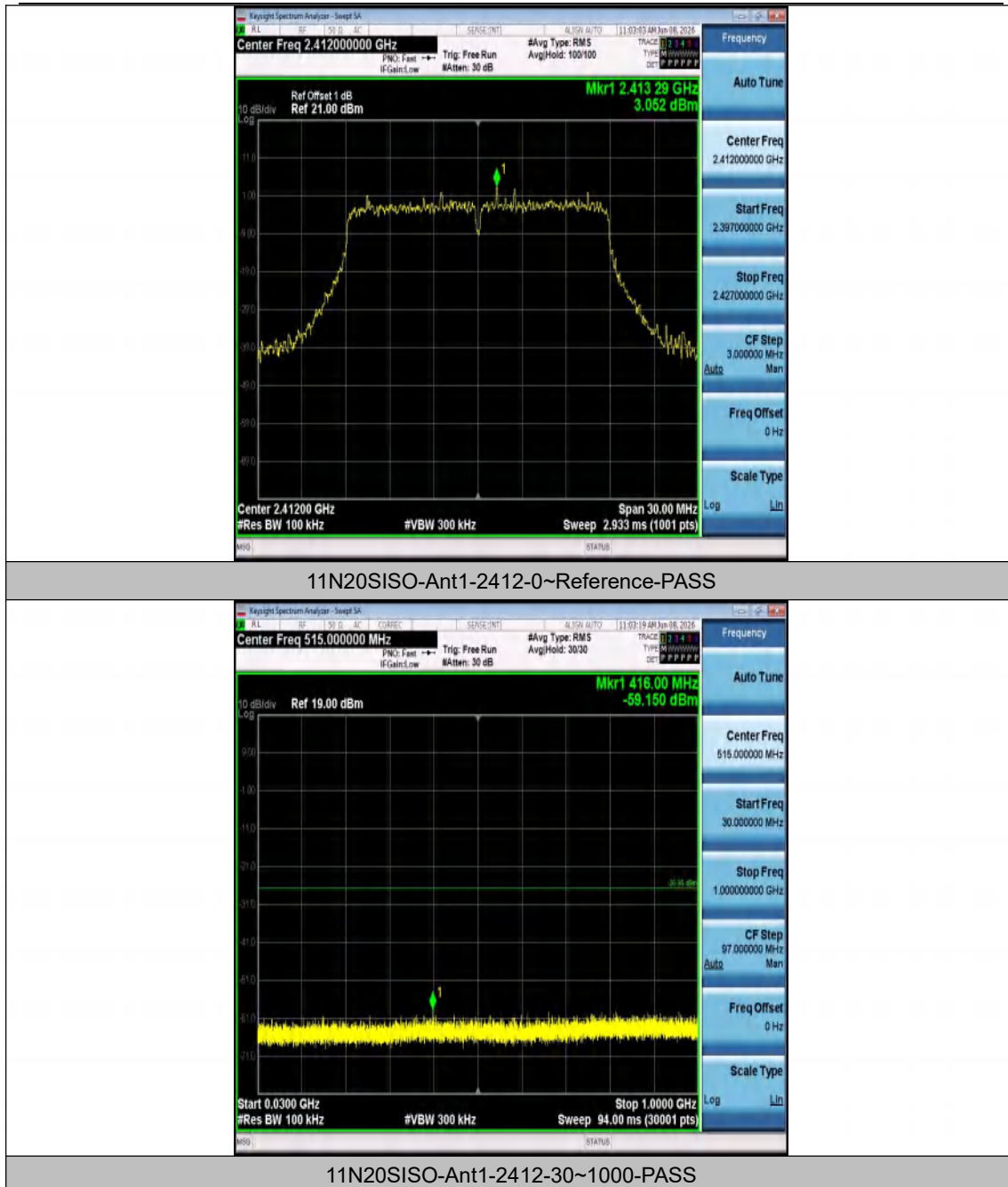
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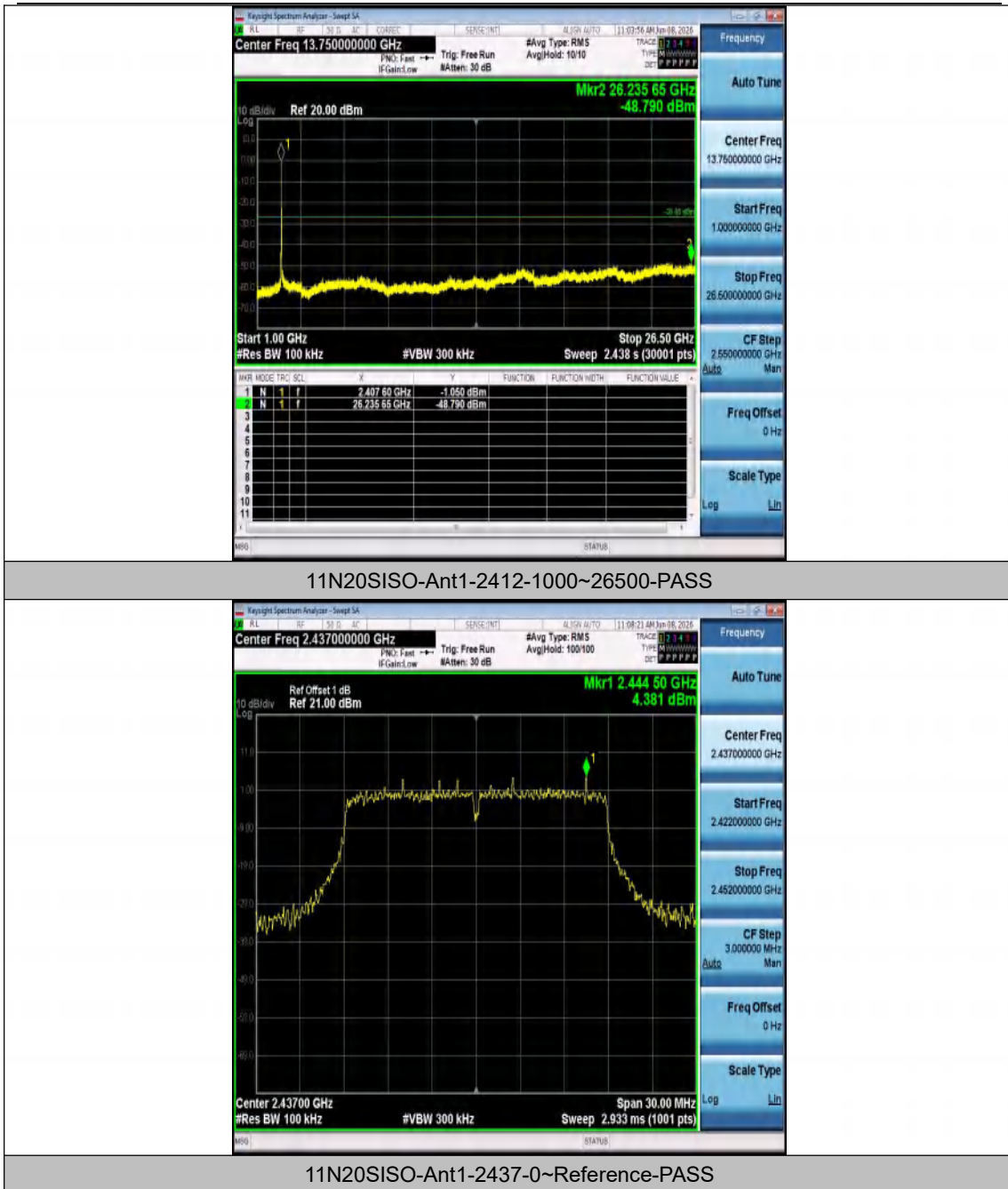
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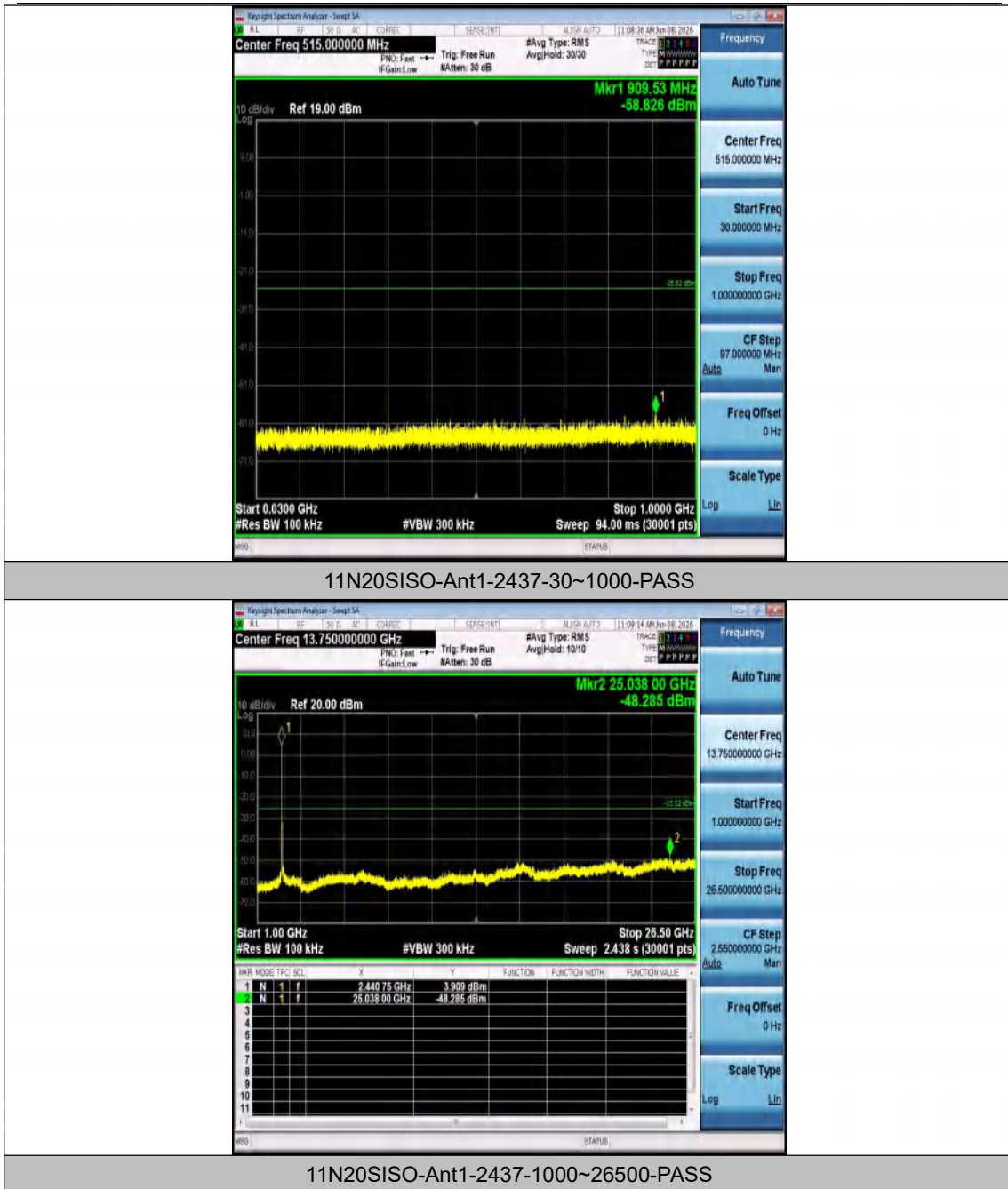
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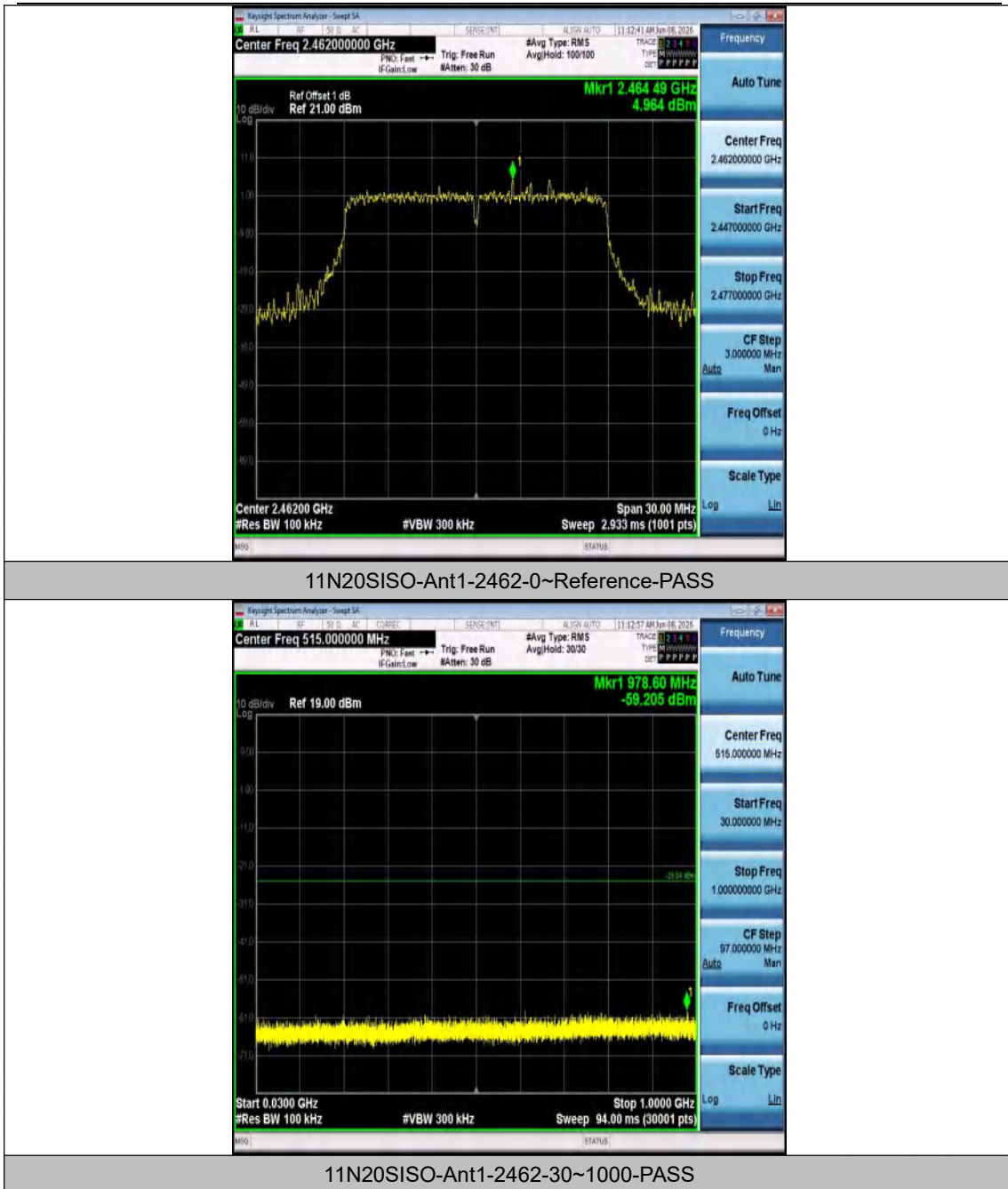
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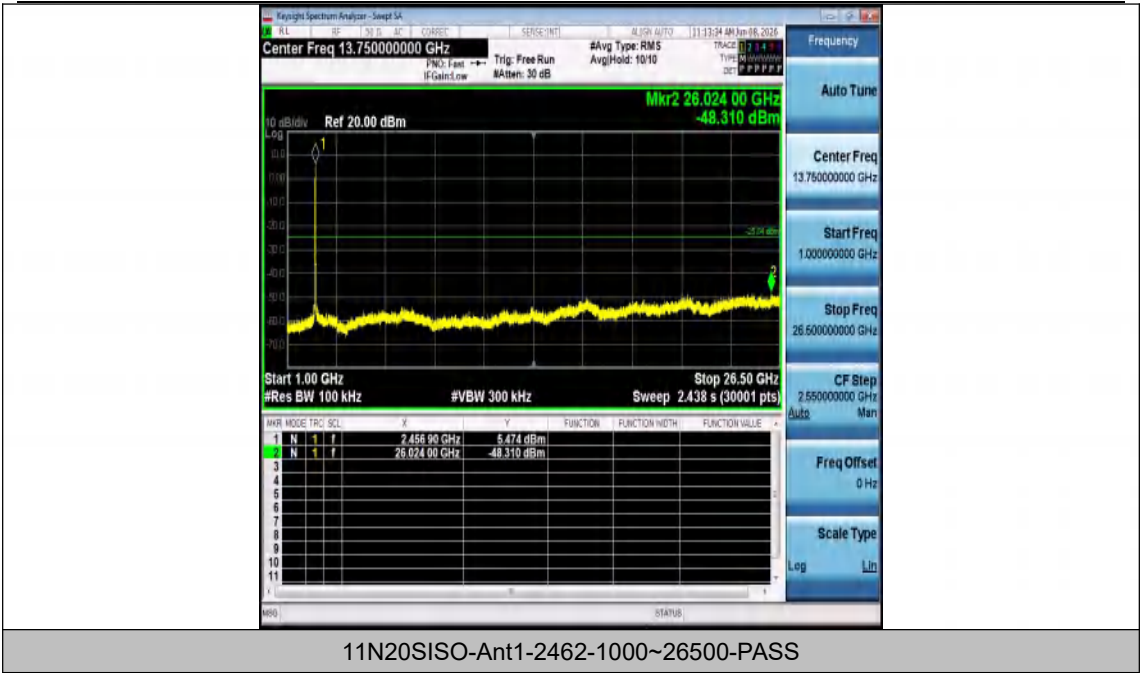
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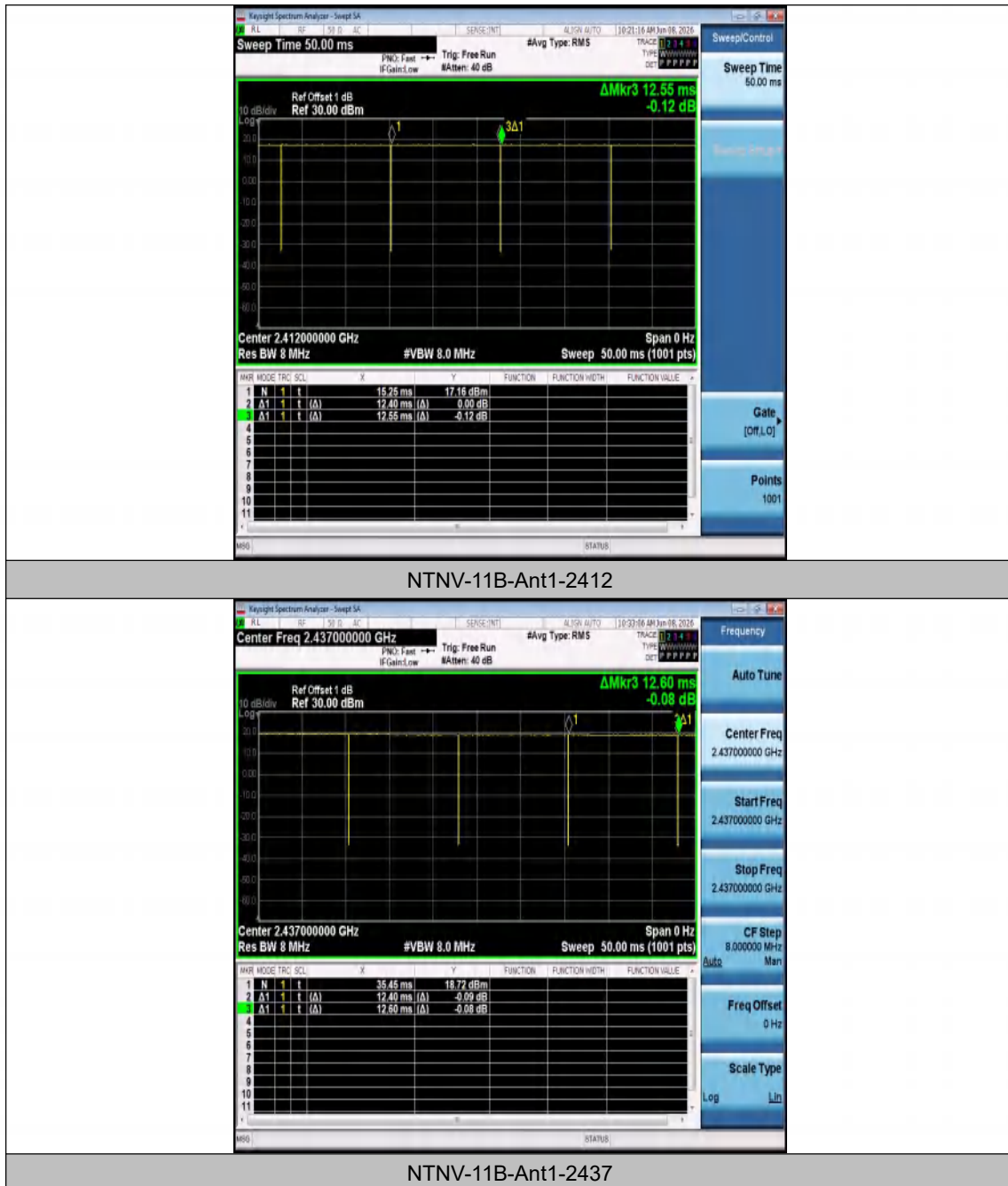
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2412	12.40	12.55	98.80	0.05
11B	Ant1	2437	12.40	12.60	98.41	0.07
11B	Ant1	2462	12.40	12.55	98.80	0.05
11G	Ant1	2412	2.07	2.21	93.67	0.28
11G	Ant1	2437	2.07	2.17	95.39	0.20
11G	Ant1	2462	2.06	2.19	94.06	0.27
11N20SISO	Ant1	2412	1.92	2.05	93.66	0.28
11N20SISO	Ant1	2437	1.92	2.03	94.58	0.24
11N20SISO	Ant1	2462	1.92	2.06	93.20	0.31

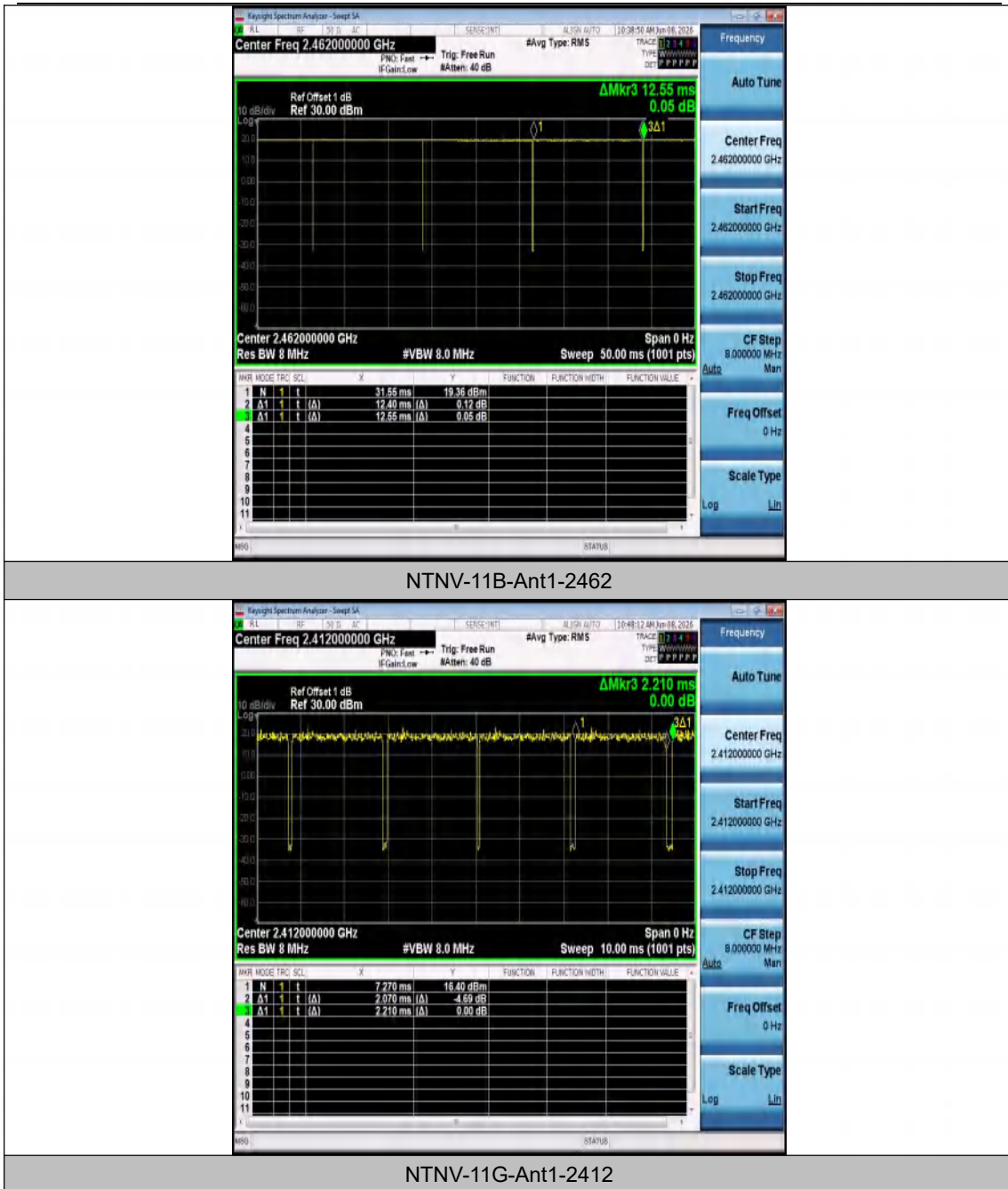
Test Graphs

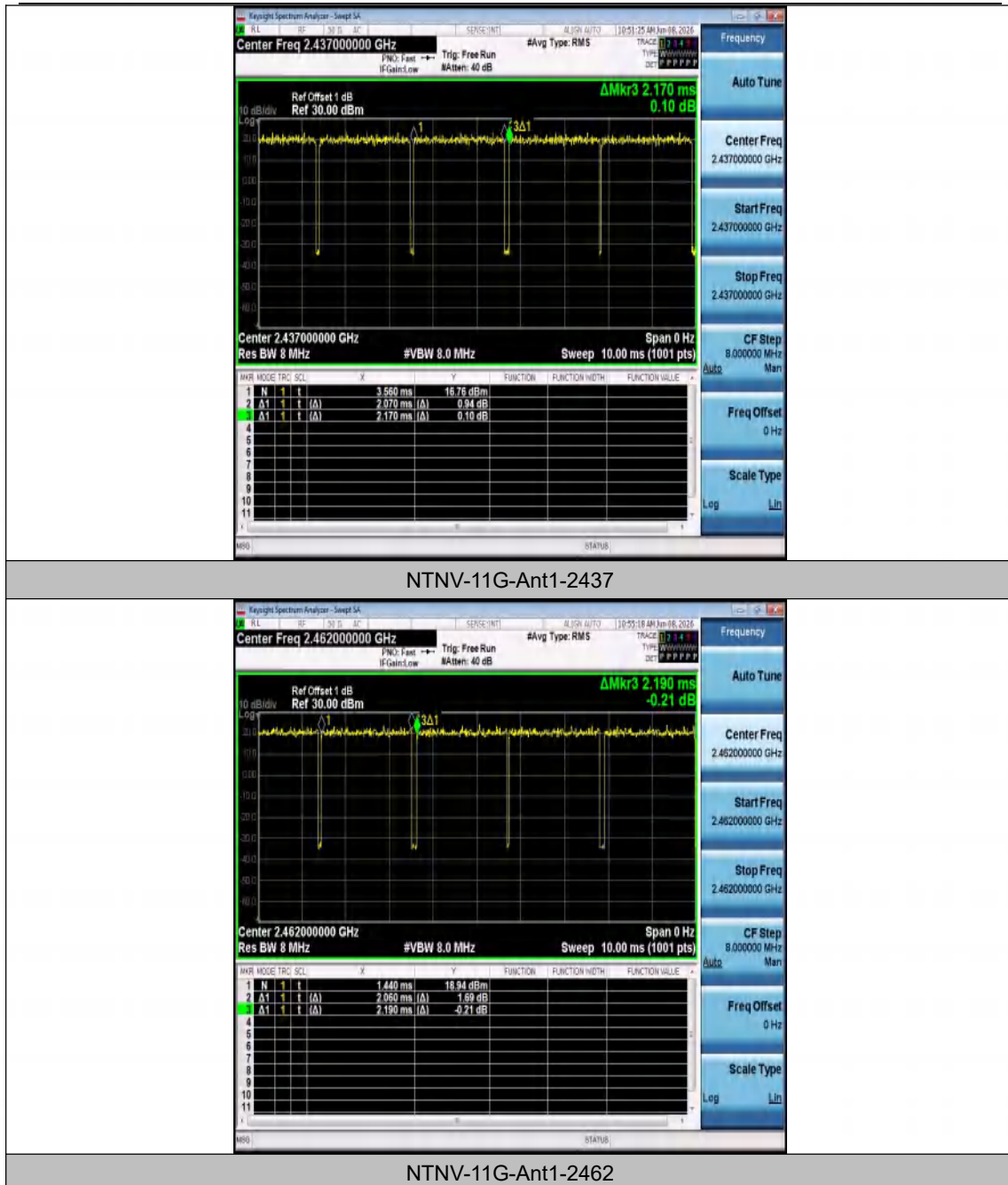


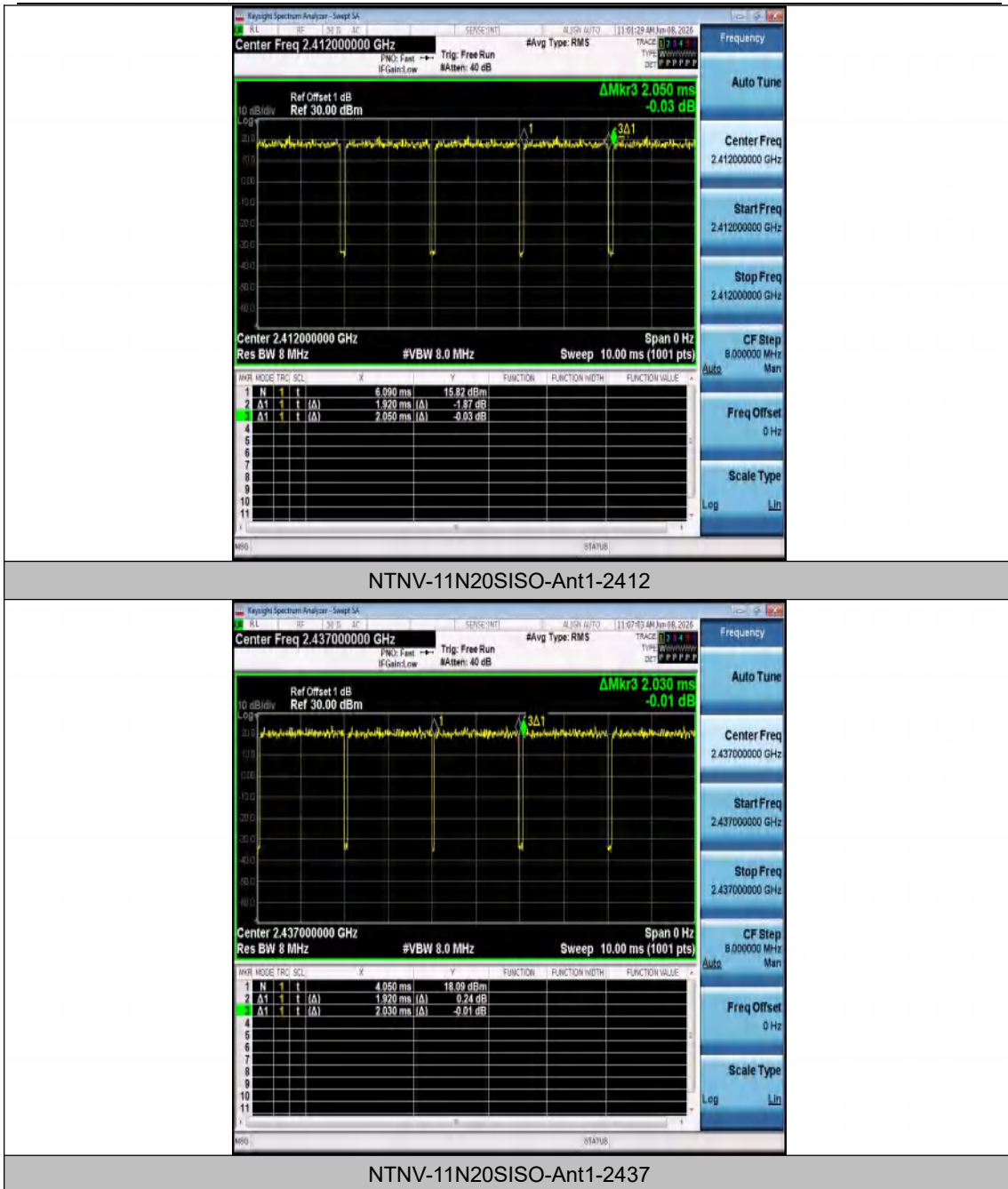
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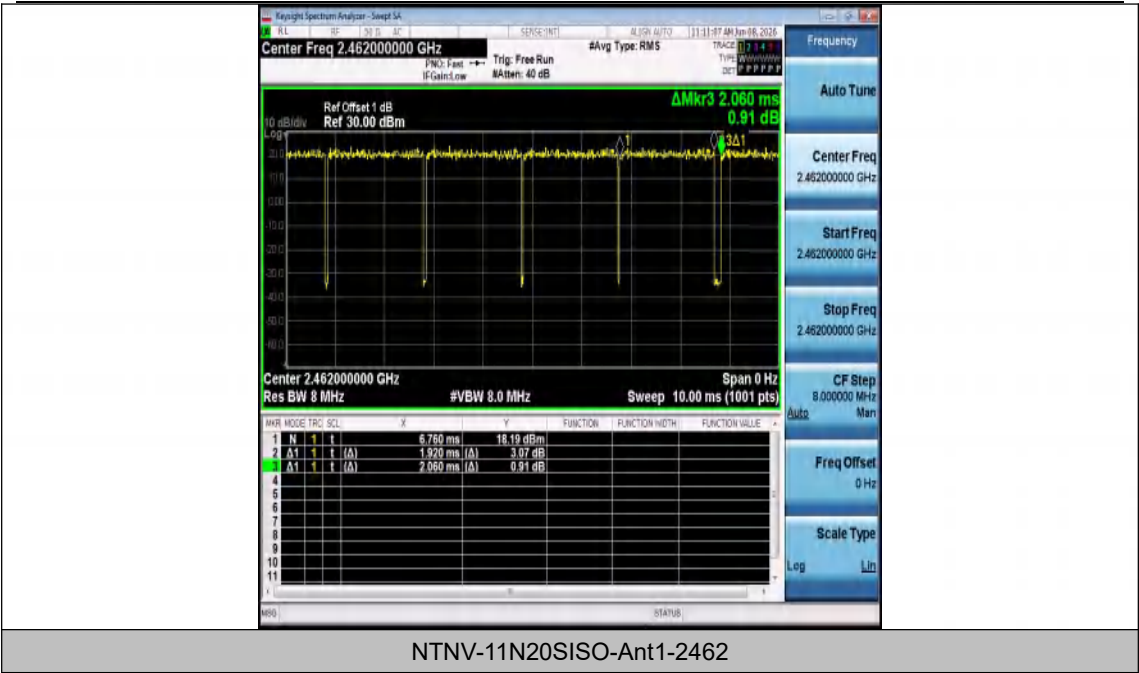
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