

Appendix Test Data

Report No.:	1812C60121512502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-3-4	Finish Test Date:	2026-3-10
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	21.8°C	Relative Humidity:	62%
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	9.280	2407.400	2416.680	0.5	PASS
11B	Ant1	2437	9.280	2432.400	2441.680	0.5	PASS
11B	Ant1	2462	9.280	2457.400	2466.680	0.5	PASS
11G	Ant1	2412	16.400	2403.880	2420.280	0.5	PASS
11G	Ant1	2437	16.360	2428.880	2445.240	0.5	PASS
11G	Ant1	2462	16.480	2453.800	2470.280	0.5	PASS
11N20SISO	Ant1	2412	17.640	2403.200	2420.840	0.5	PASS
11N20SISO	Ant1	2437	17.640	2428.200	2445.840	0.5	PASS
11N20SISO	Ant1	2462	17.600	2453.240	2470.840	0.5	PASS

Test Graphs

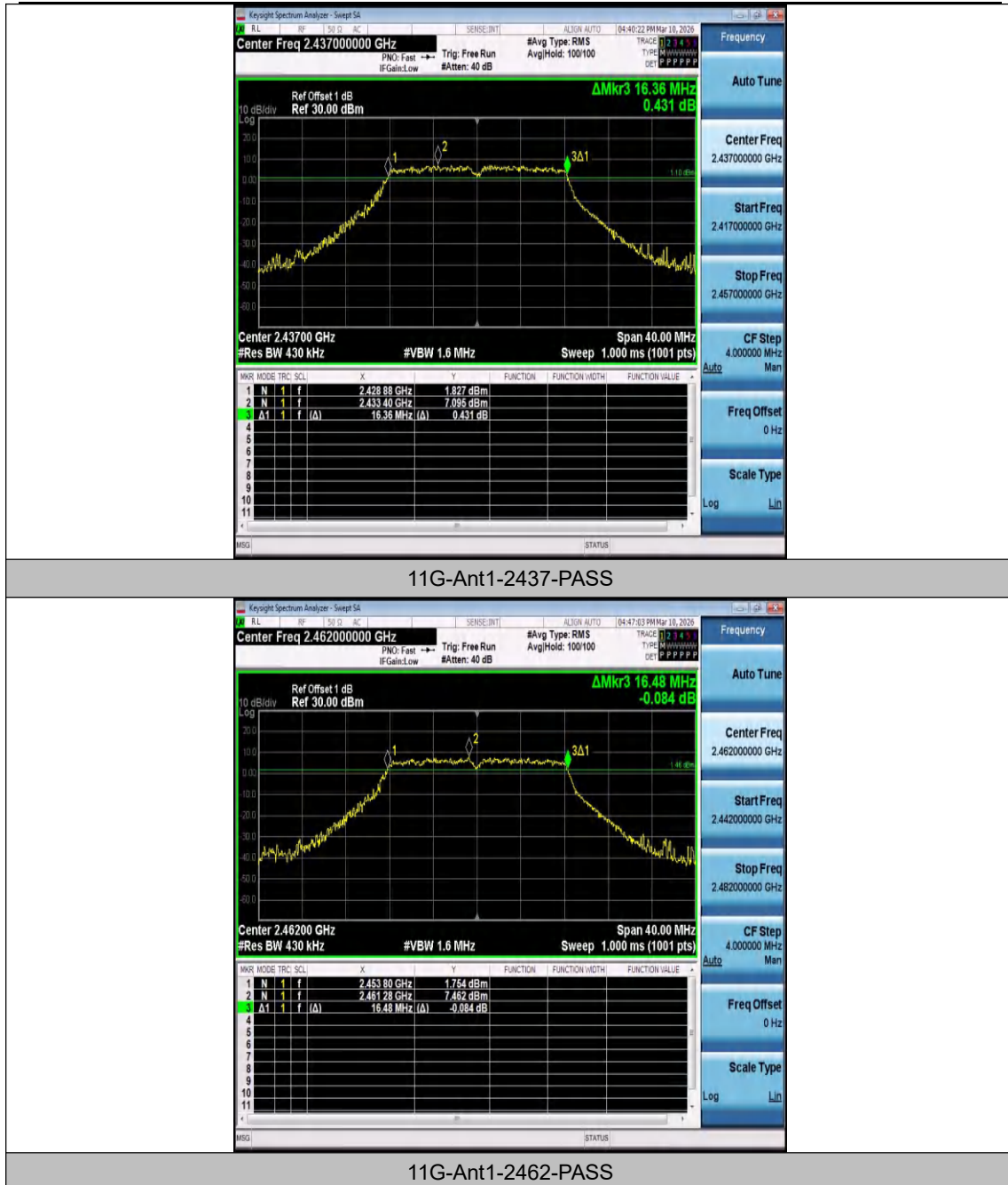


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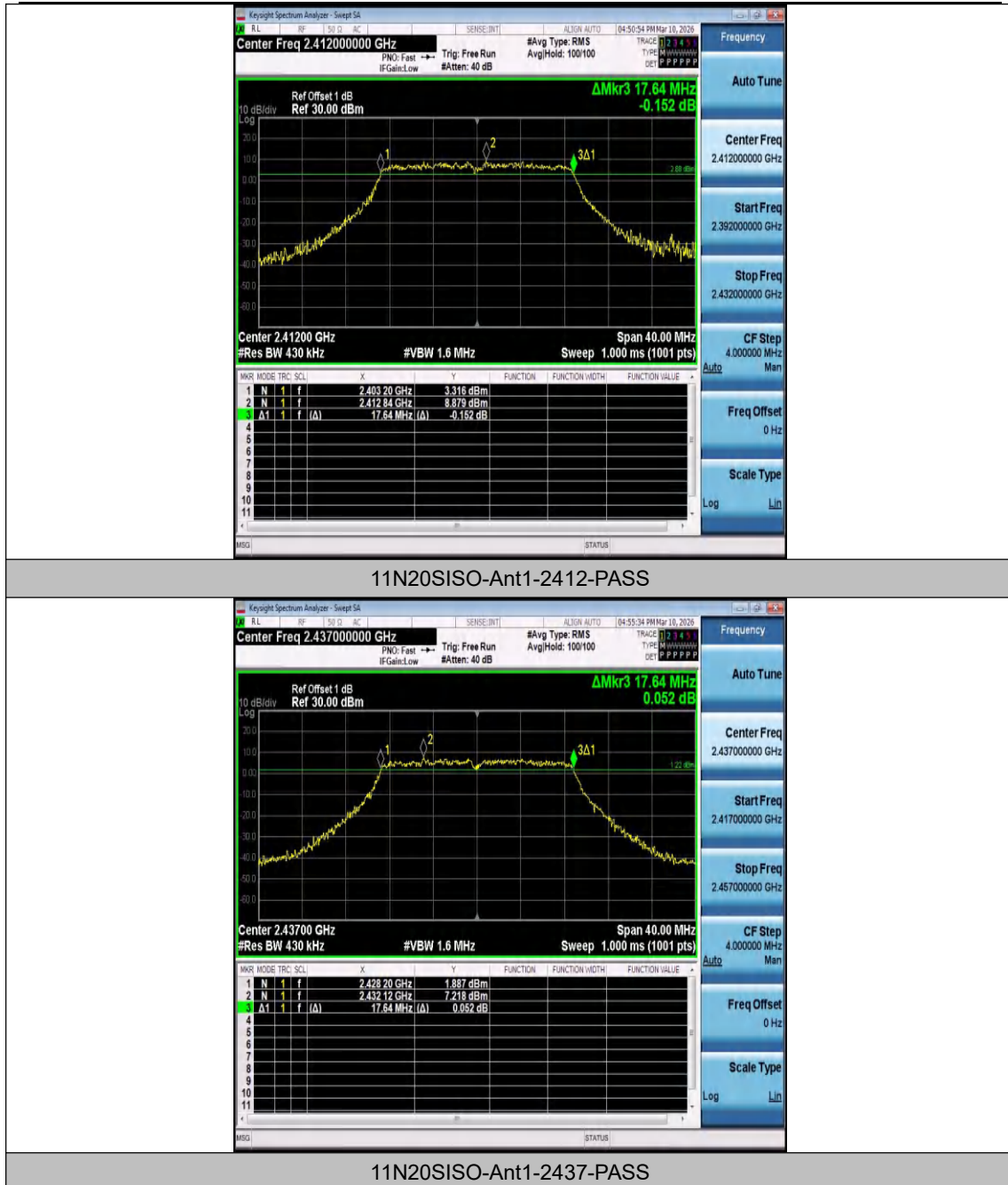




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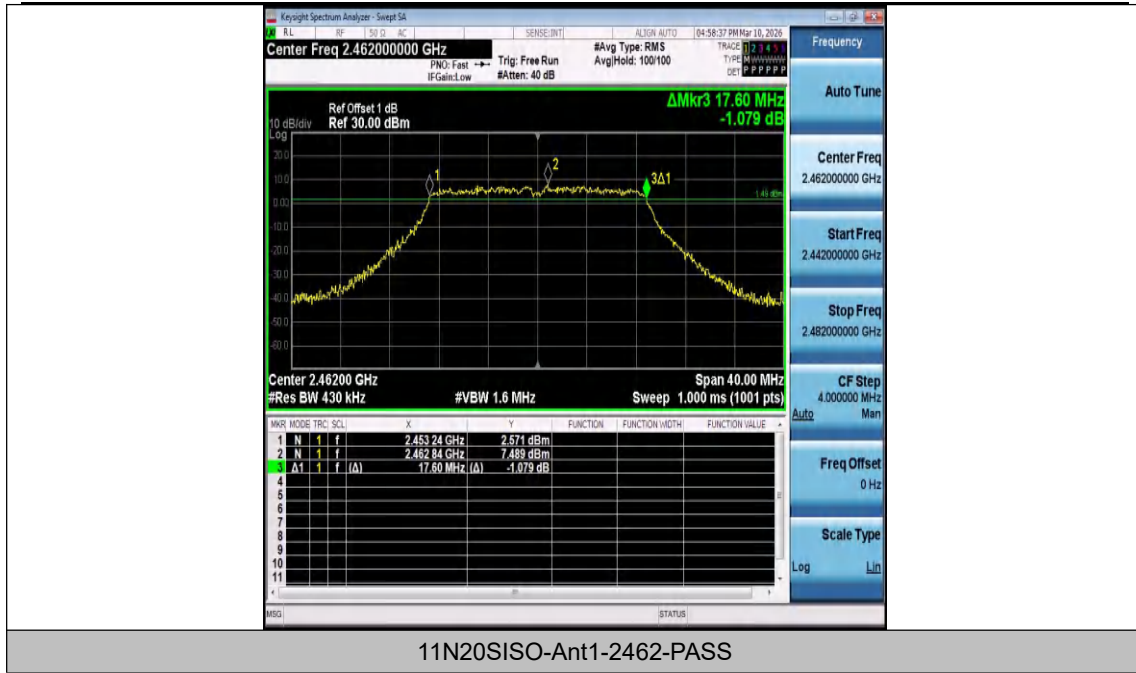
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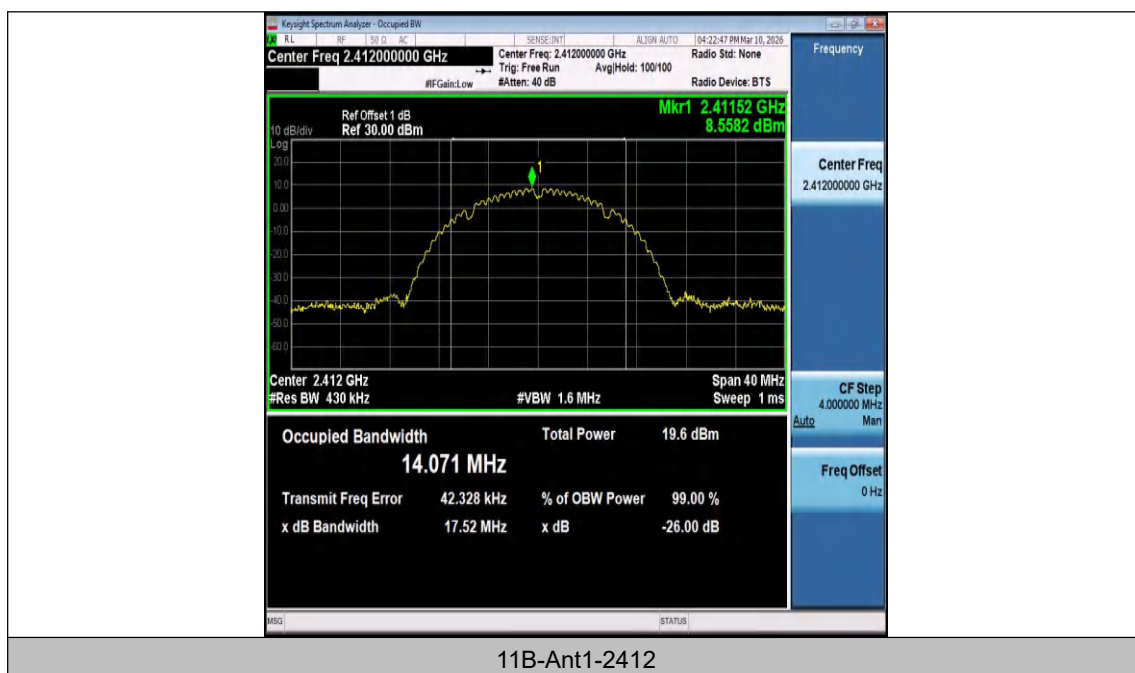
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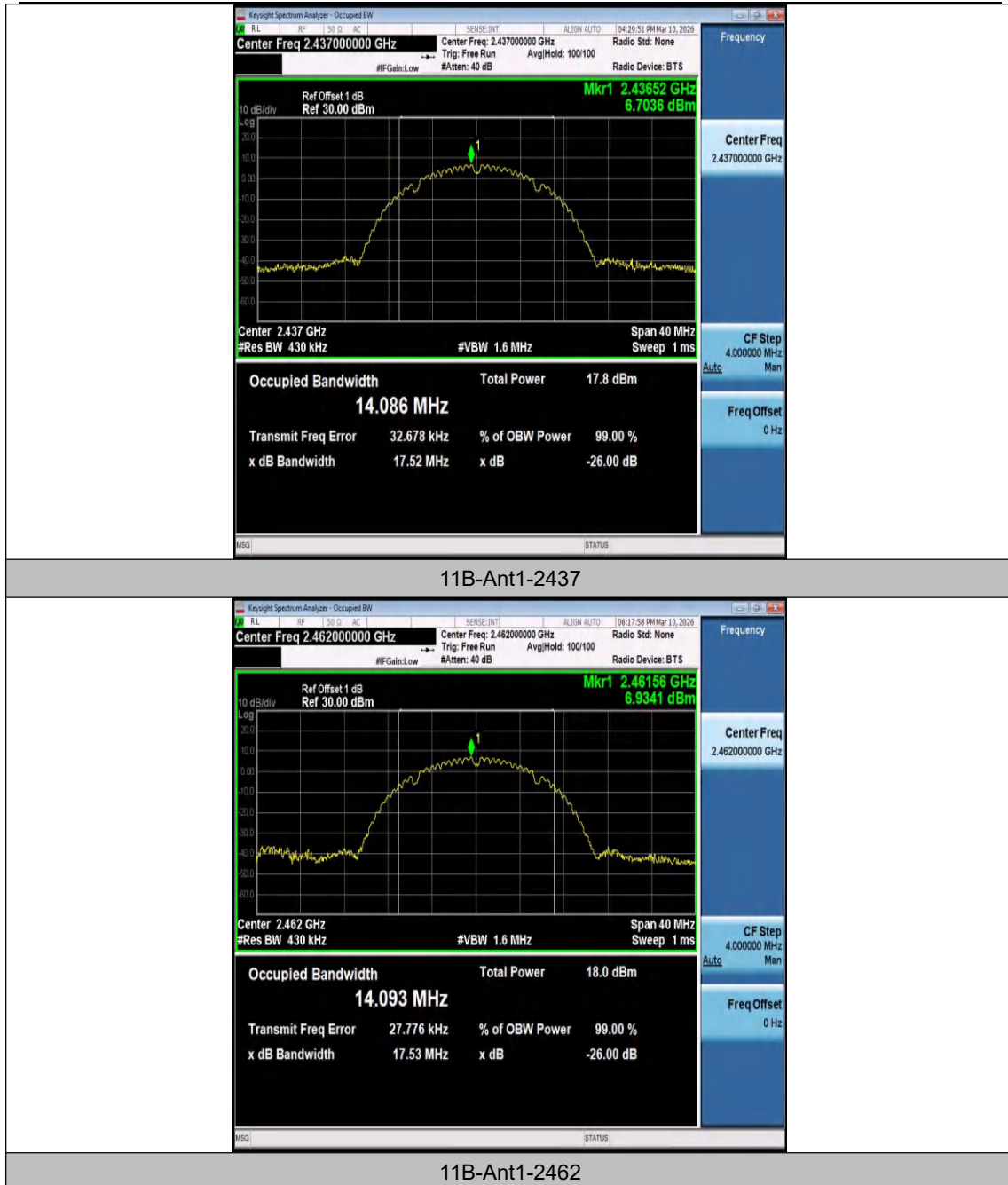
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.071	2405.0068	2419.0778	---	---
11B	Ant1	2437	14.086	2429.9897	2444.0757	---	---
11B	Ant1	2462	14.093	2454.9813	2469.0743	---	---
11G	Ant1	2412	17.178	2403.3459	2420.5239	---	---
11G	Ant1	2437	17.013	2428.4826	2445.4956	---	---
11G	Ant1	2462	17.048	2453.4424	2470.4904	---	---
11N20SISO	Ant1	2412	18.225	2402.9107	2421.1357	---	---
11N20SISO	Ant1	2437	18.175	2427.9273	2446.1023	---	---
11N20SISO	Ant1	2462	18.104	2452.9945	2471.0985	---	---

Test Graphs





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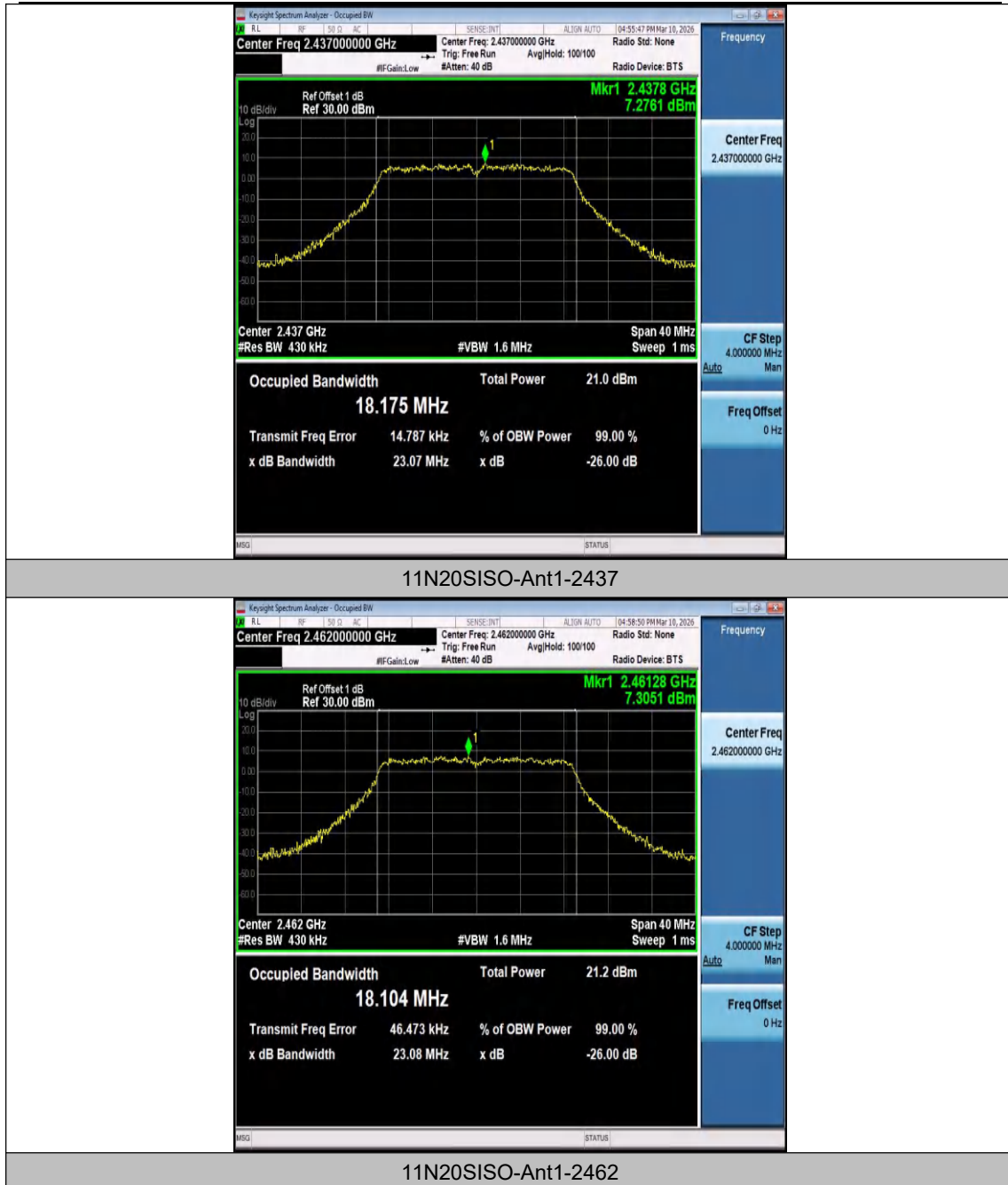
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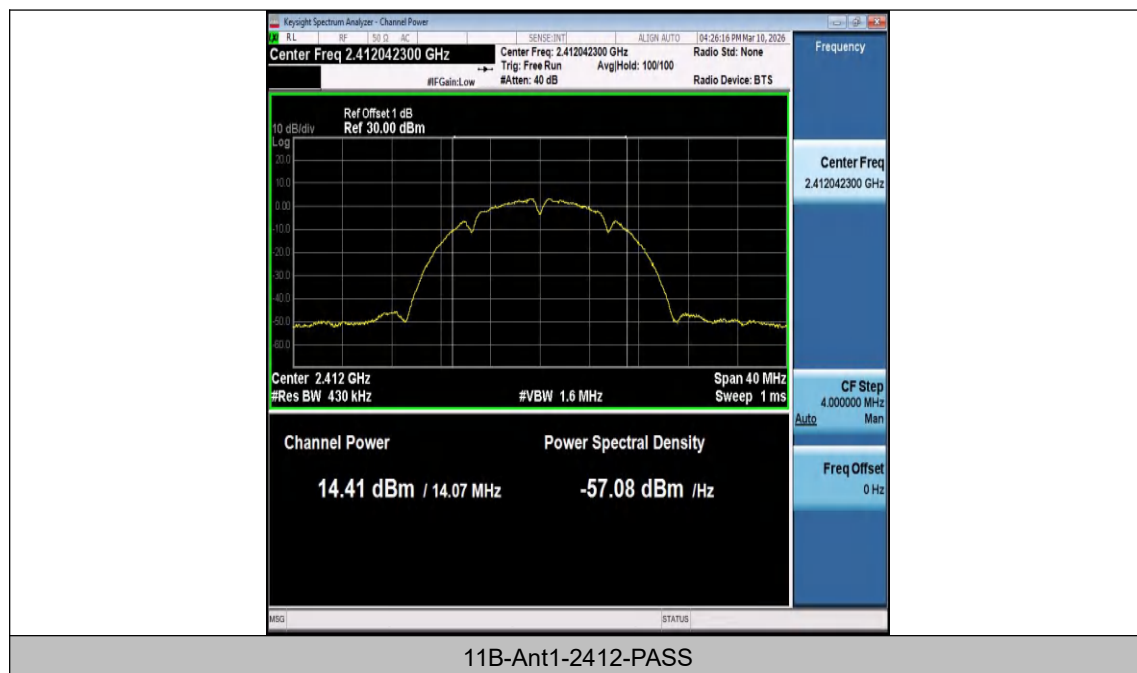
Appendix C: Maximum conducted output power

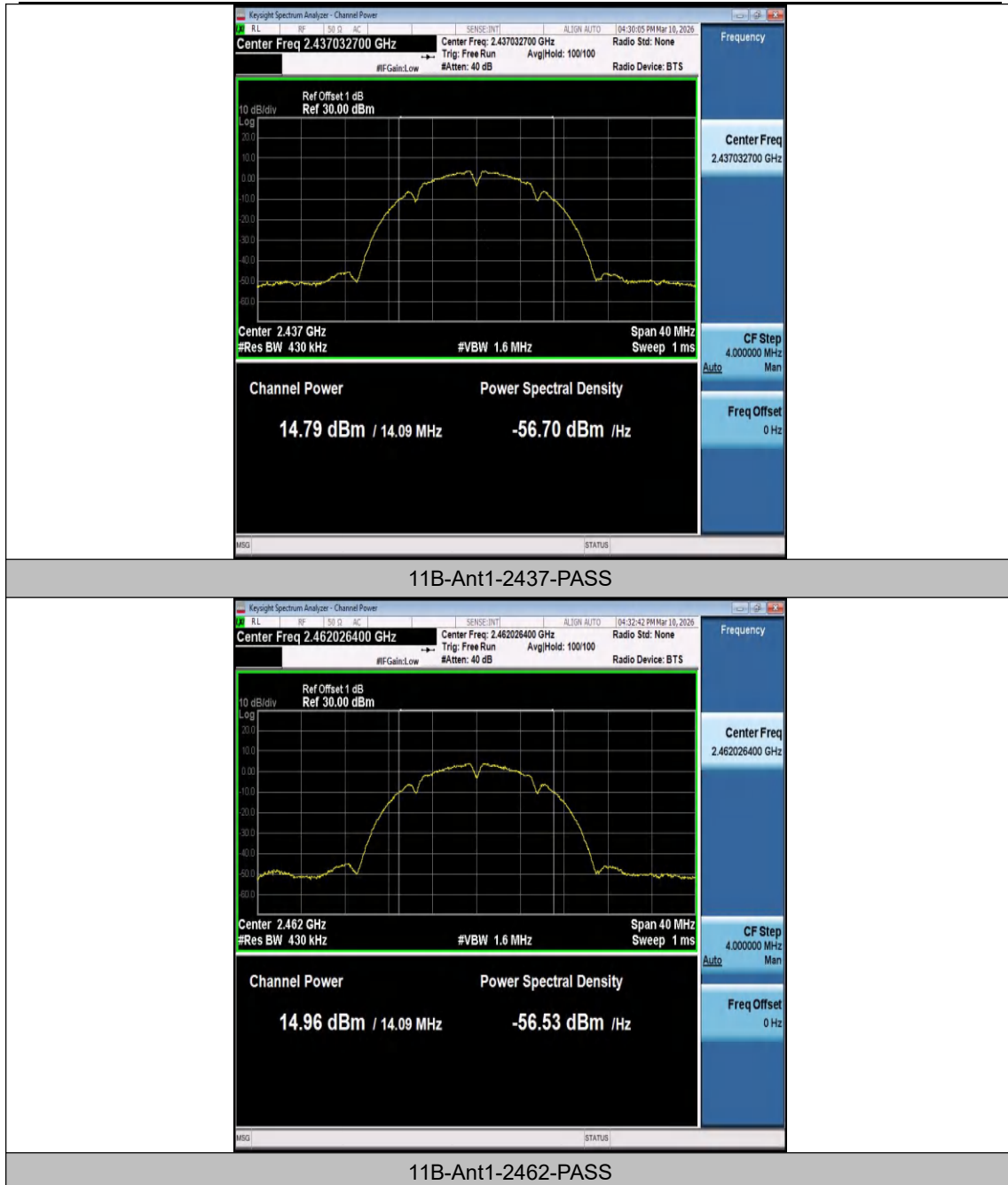
Test Result Average

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	14.41	≤30.00	PASS
11B	Ant1	2437	14.79	≤30.00	PASS
11B	Ant1	2462	14.96	≤30.00	PASS
11G	Ant1	2412	14.56	≤30.00	PASS
11G	Ant1	2437	14.82	≤30.00	PASS
11G	Ant1	2462	15.05	≤30.00	PASS
11N20SISO	Ant1	2412	14.51	≤30.00	PASS
11N20SISO	Ant1	2437	14.77	≤30.00	PASS
11N20SISO	Ant1	2462	15.00	≤30.00	PASS

Note: The cable loss are compensated in the graph.

Test Graphs Average

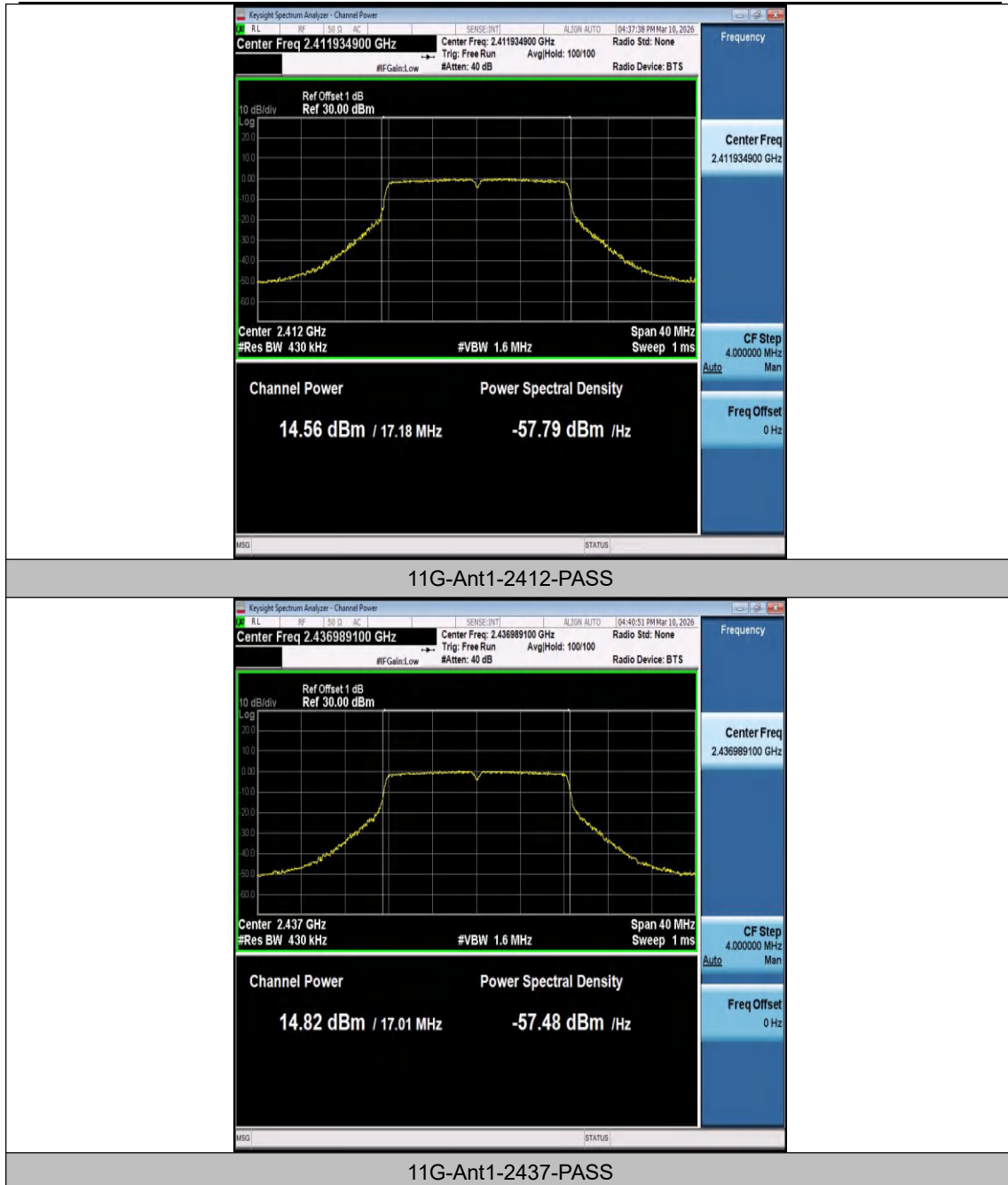




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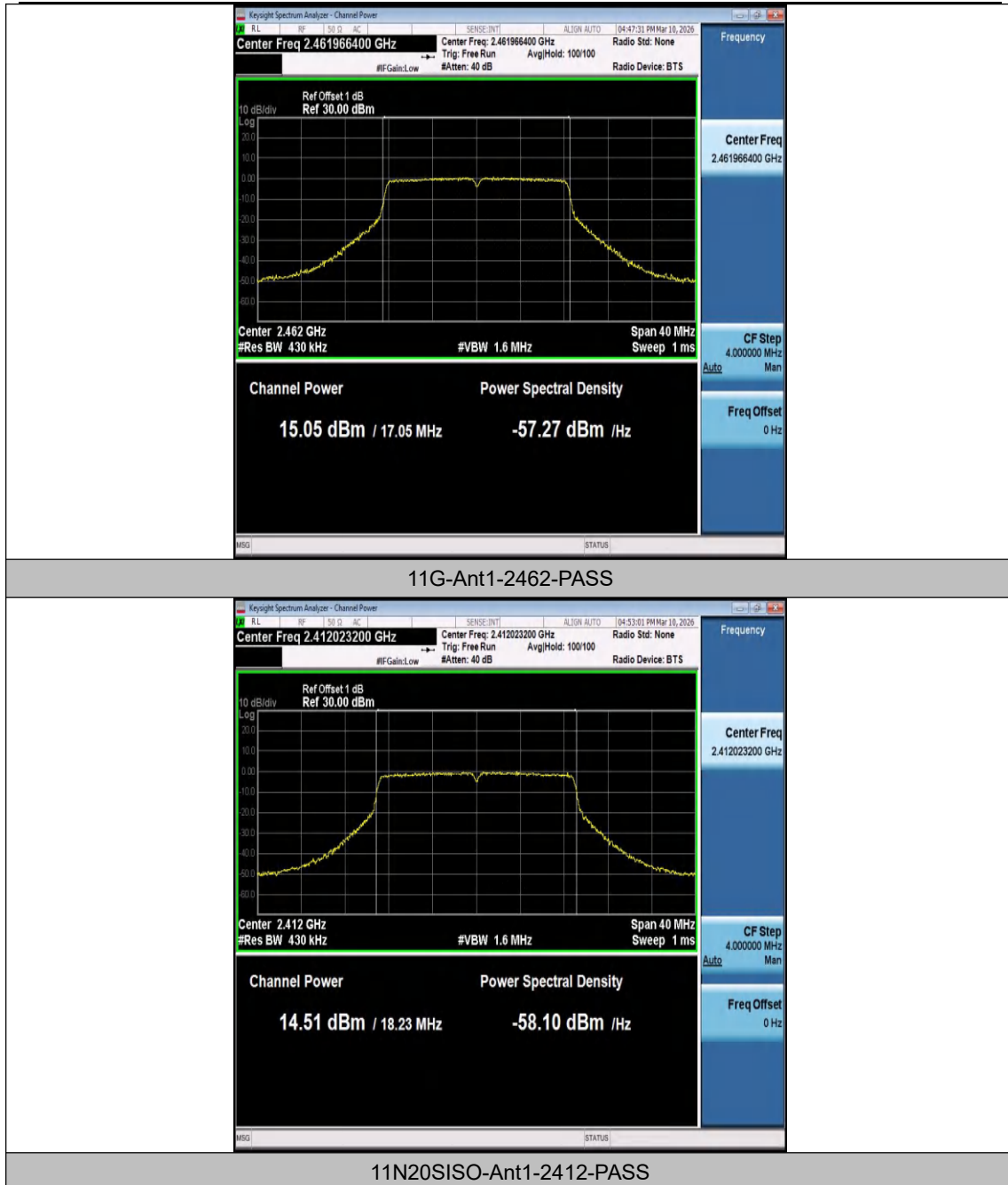
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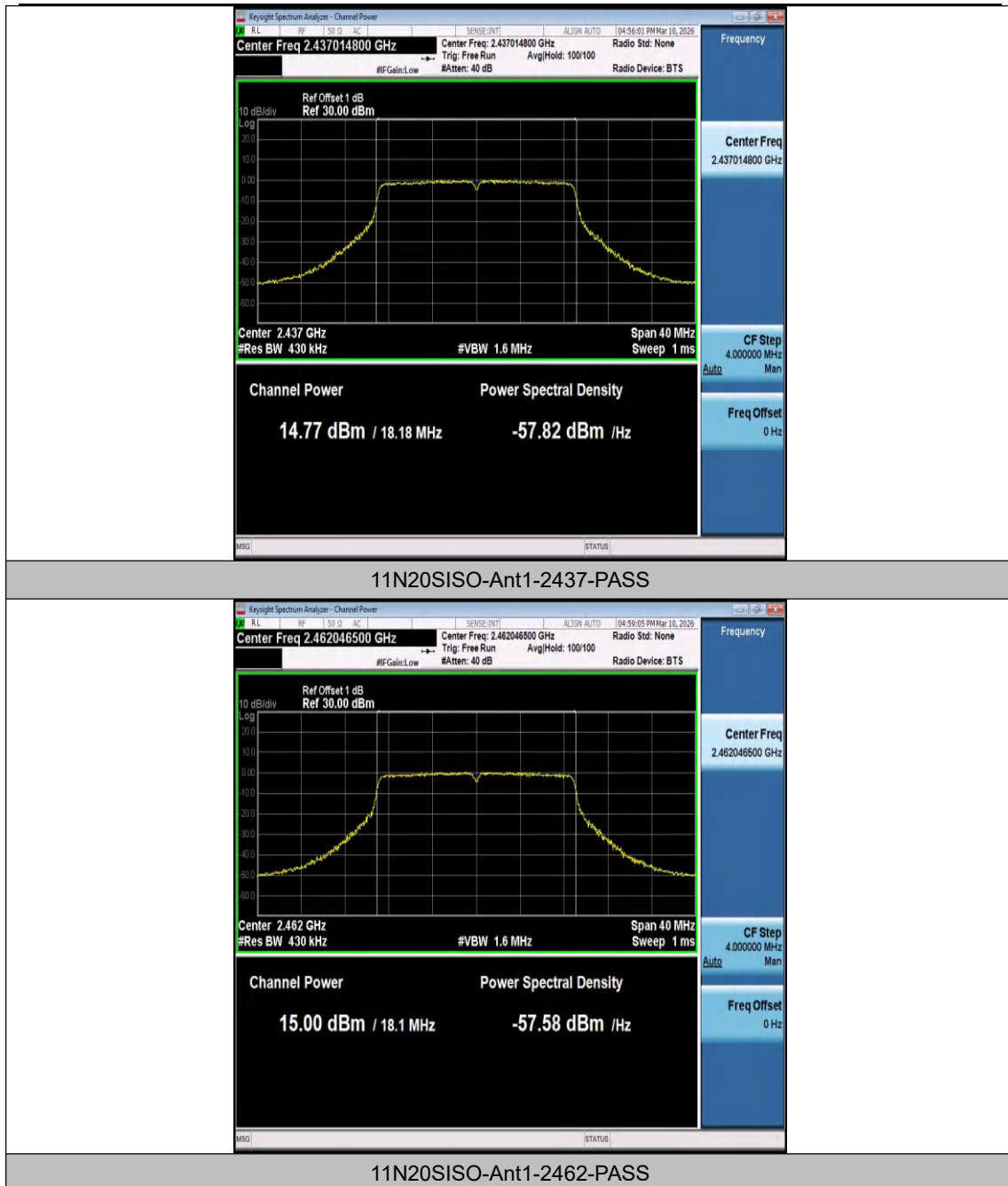
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Appendix D: Maximum power spectral density

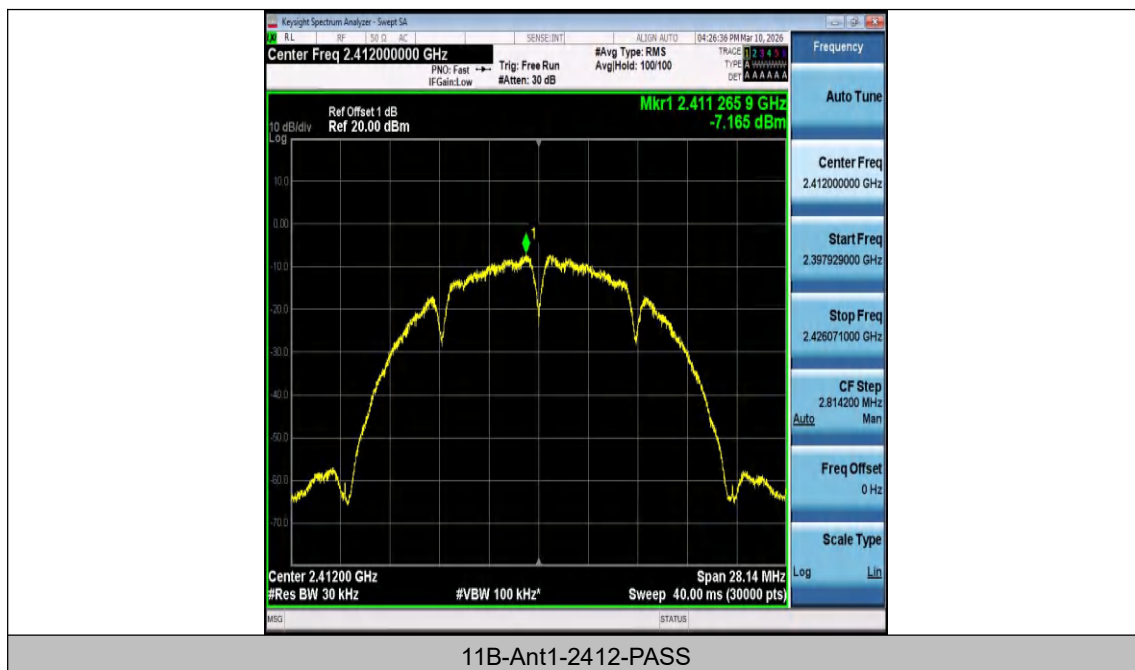
Test Result

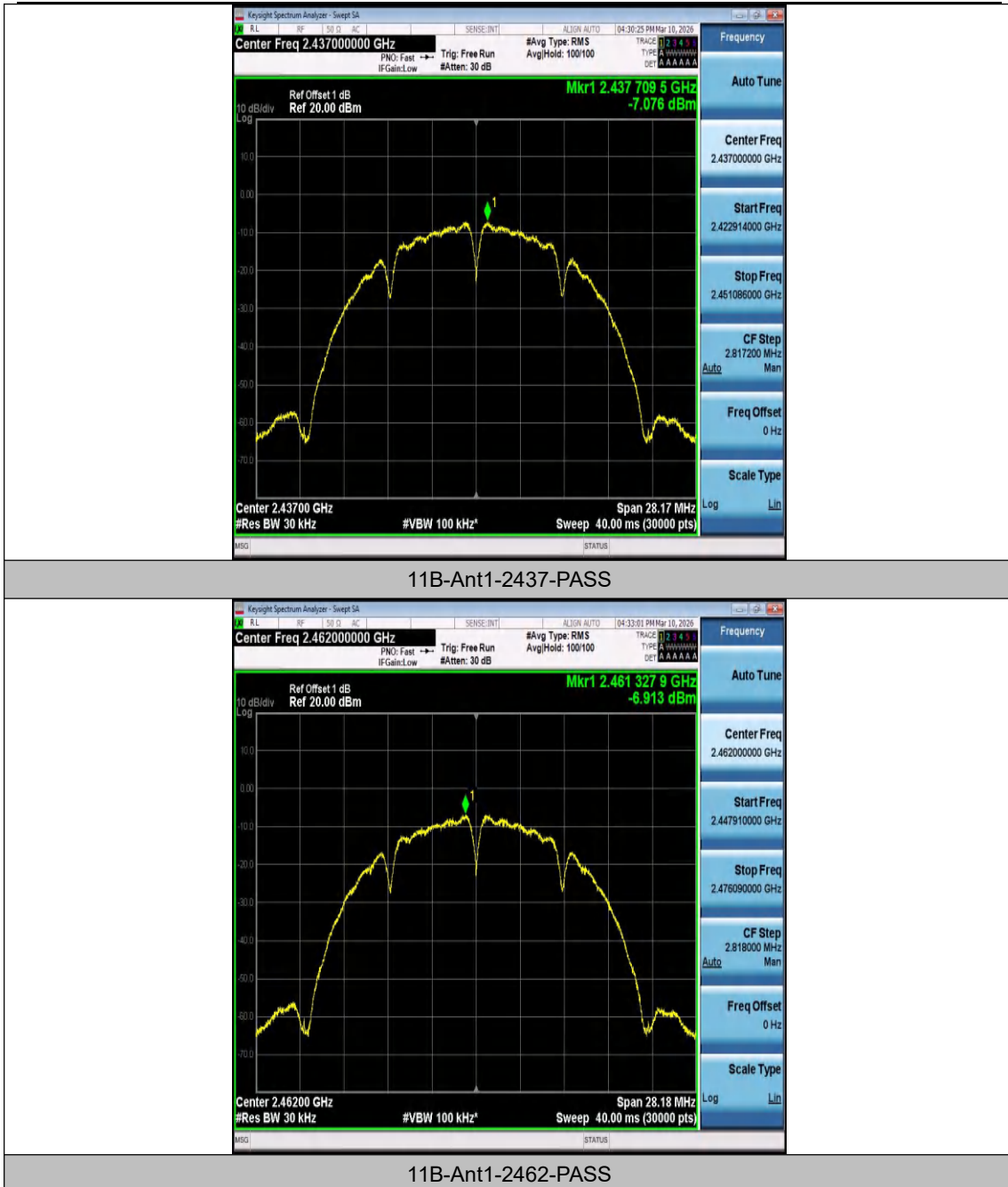
Test Mode	Antenna	Frequency[MHz]	Result[dBm/30kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-7.17	≤8.00	PASS
11B	Ant1	2437	-7.08	≤8.00	PASS
11B	Ant1	2462	-6.91	≤8.00	PASS
11G	Ant1	2412	-9.46	≤8.00	PASS
11G	Ant1	2437	-9.75	≤8.00	PASS
11G	Ant1	2462	-9.29	≤8.00	PASS
11N20SISO	Ant1	2412	-9.68	≤8.00	PASS
11N20SISO	Ant1	2437	-9.49	≤8.00	PASS
11N20SISO	Ant1	2462	-9.27	≤8.00	PASS

Note:

1. The cable loss are compensated in the graph.

Test Graphs

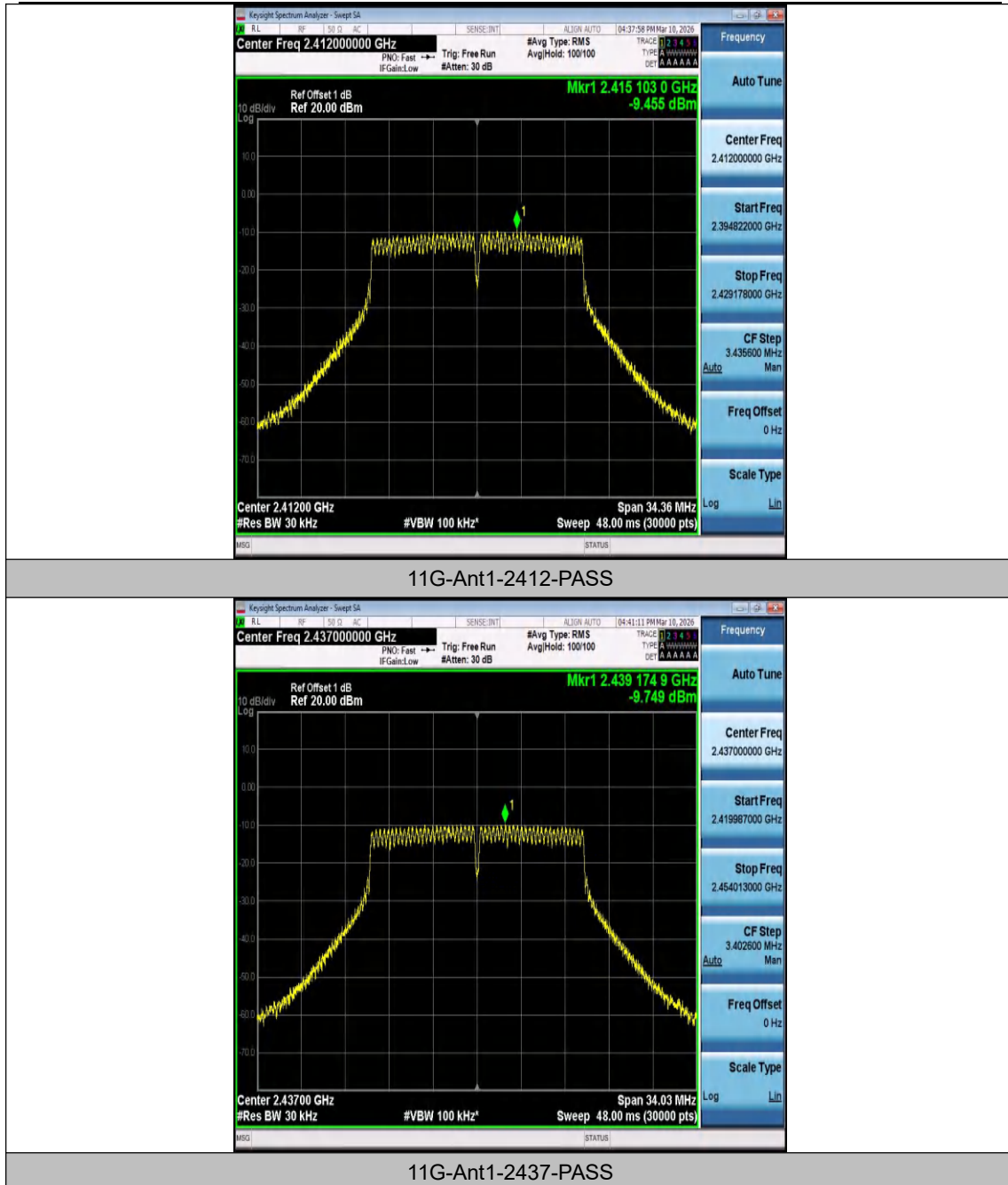




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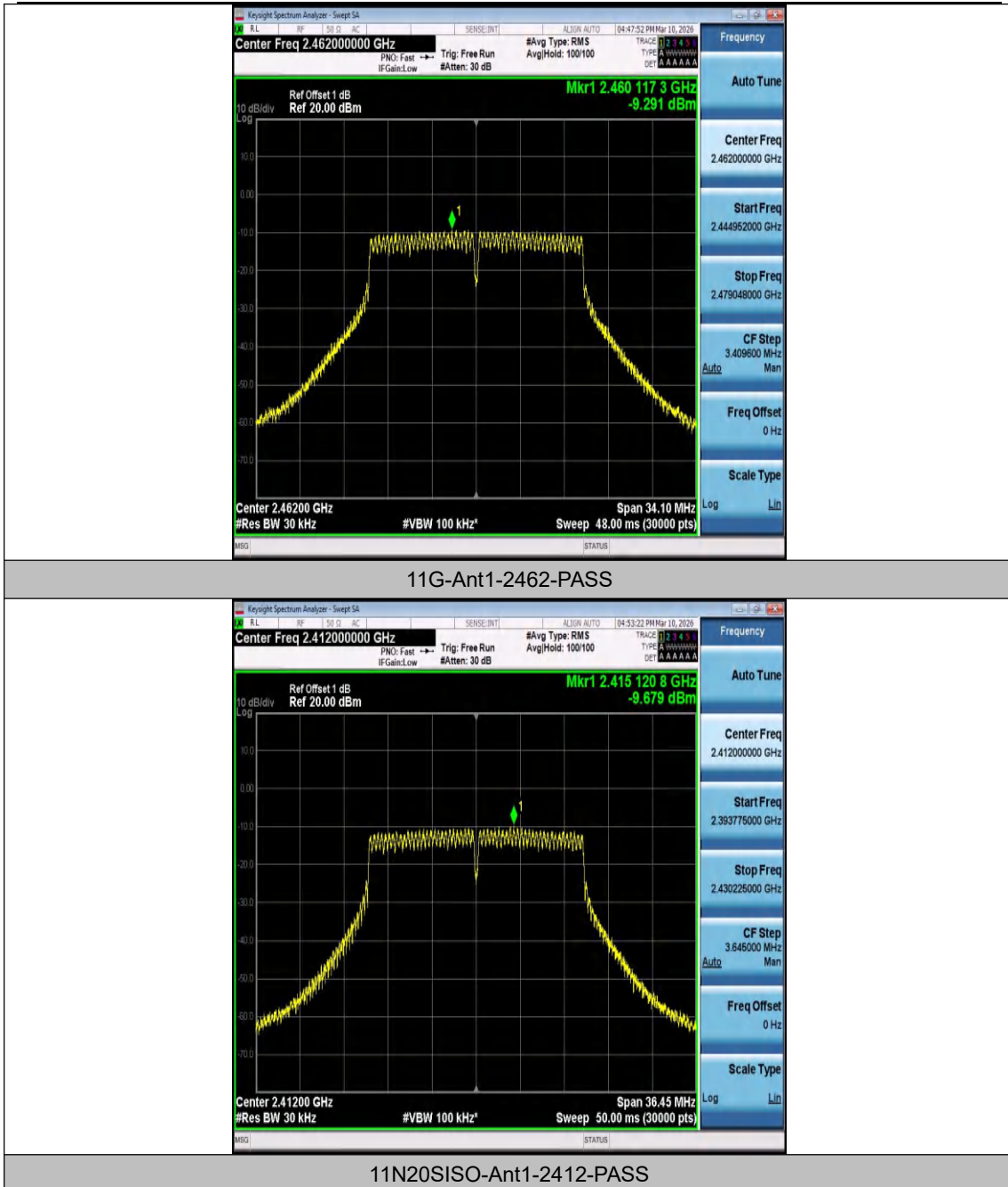
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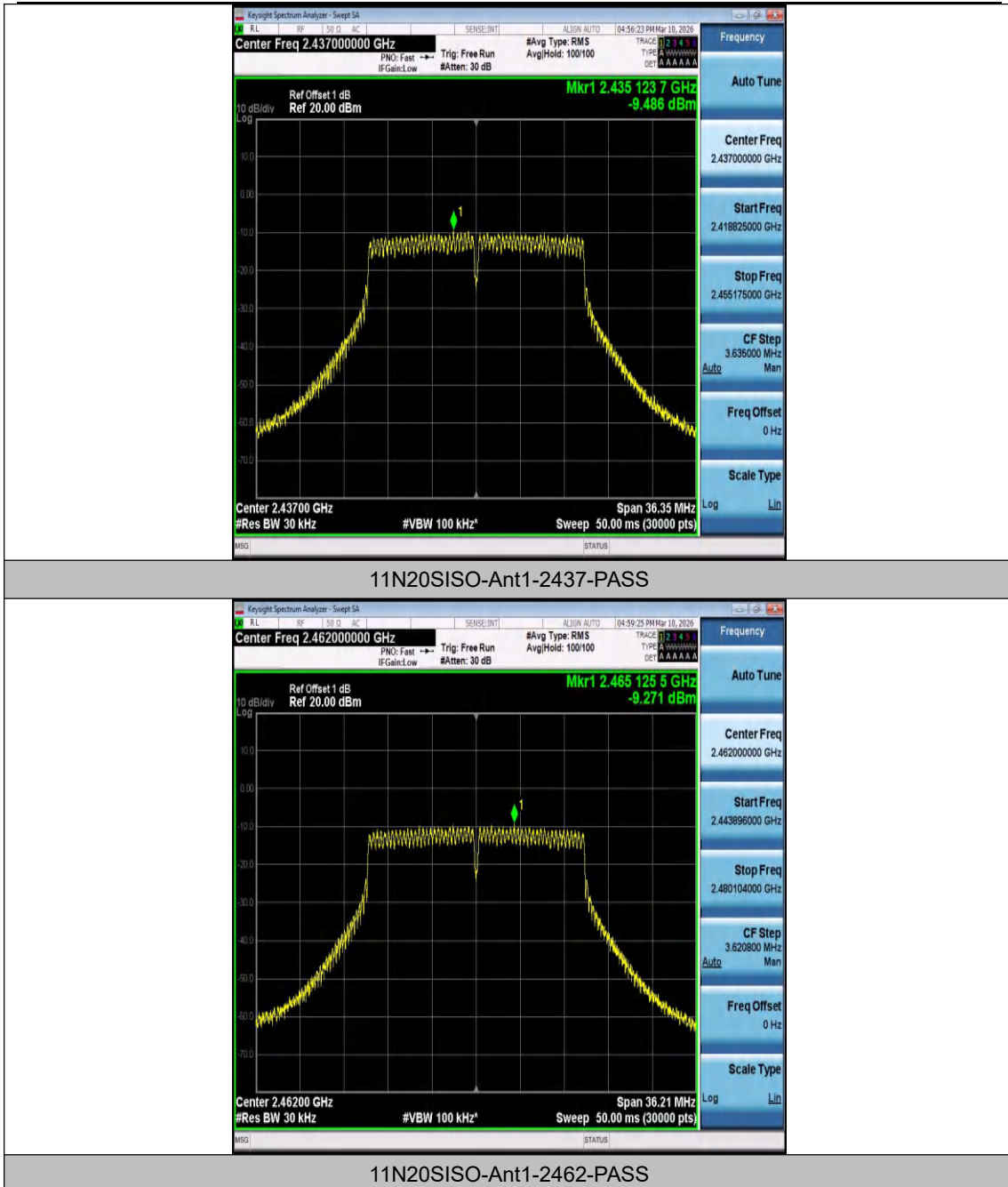
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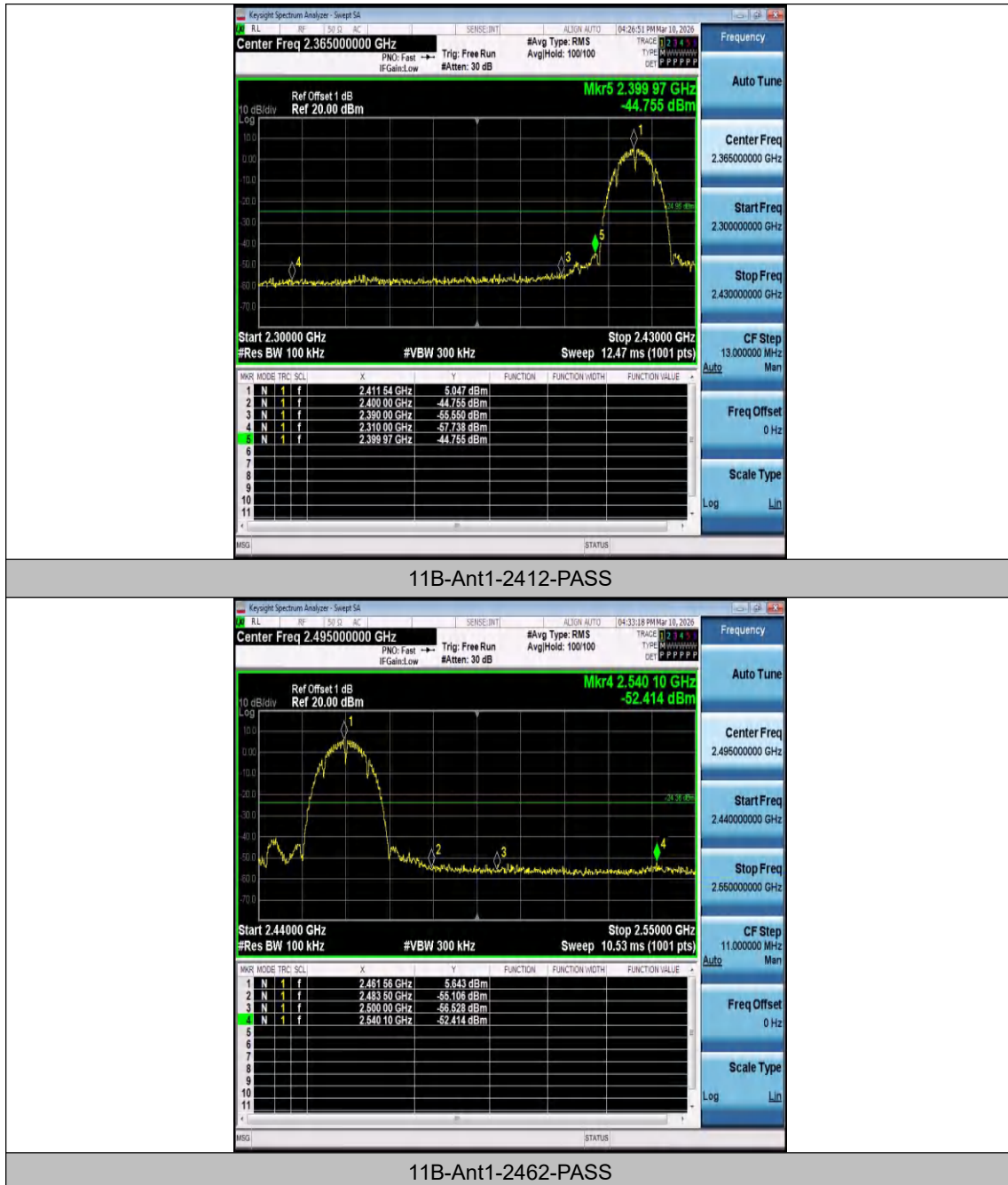
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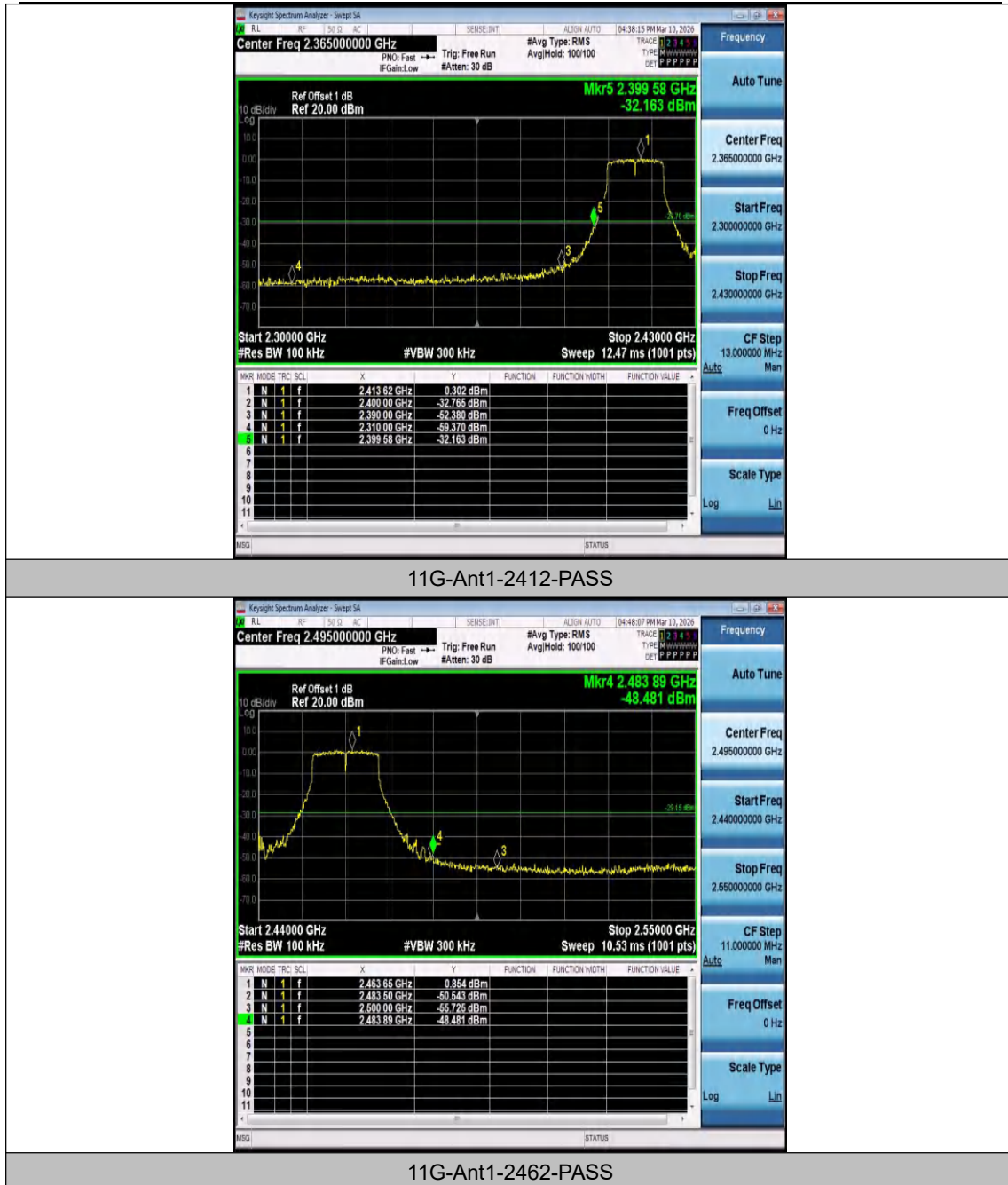
Appendix E: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.05	-44.76	≤-24.95	PASS
11B	Ant1	High	2462	5.64	-52.41	≤-24.36	PASS
11G	Ant1	Low	2412	0.30	-32.16	≤-29.7	PASS
11G	Ant1	High	2462	0.85	-48.48	≤-29.15	PASS
11N20SISO	Ant1	Low	2412	0.43	-31.43	≤-29.57	PASS
11N20SISO	Ant1	High	2462	1.02	-49.99	≤-28.98	PASS

Test Graphs

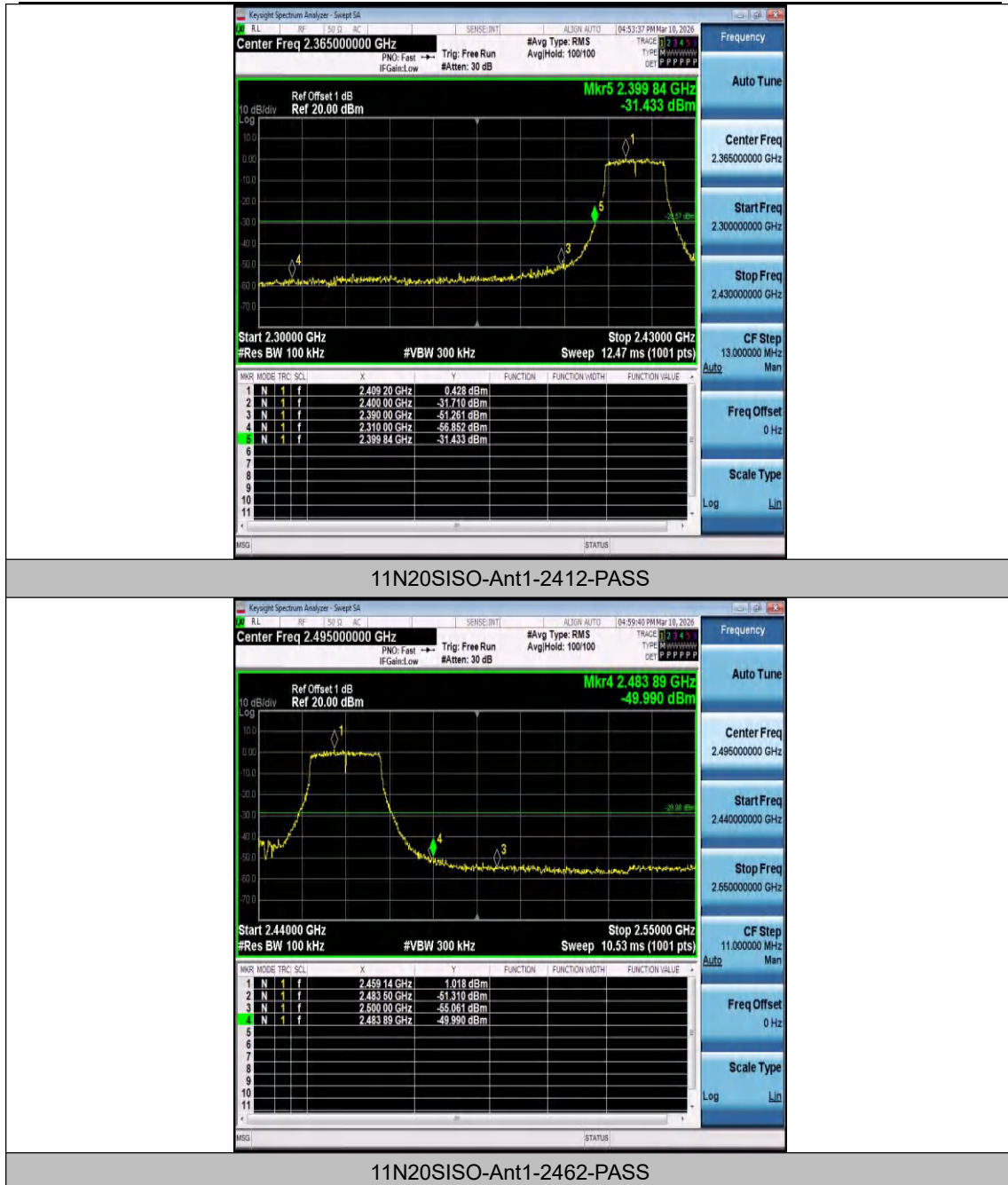




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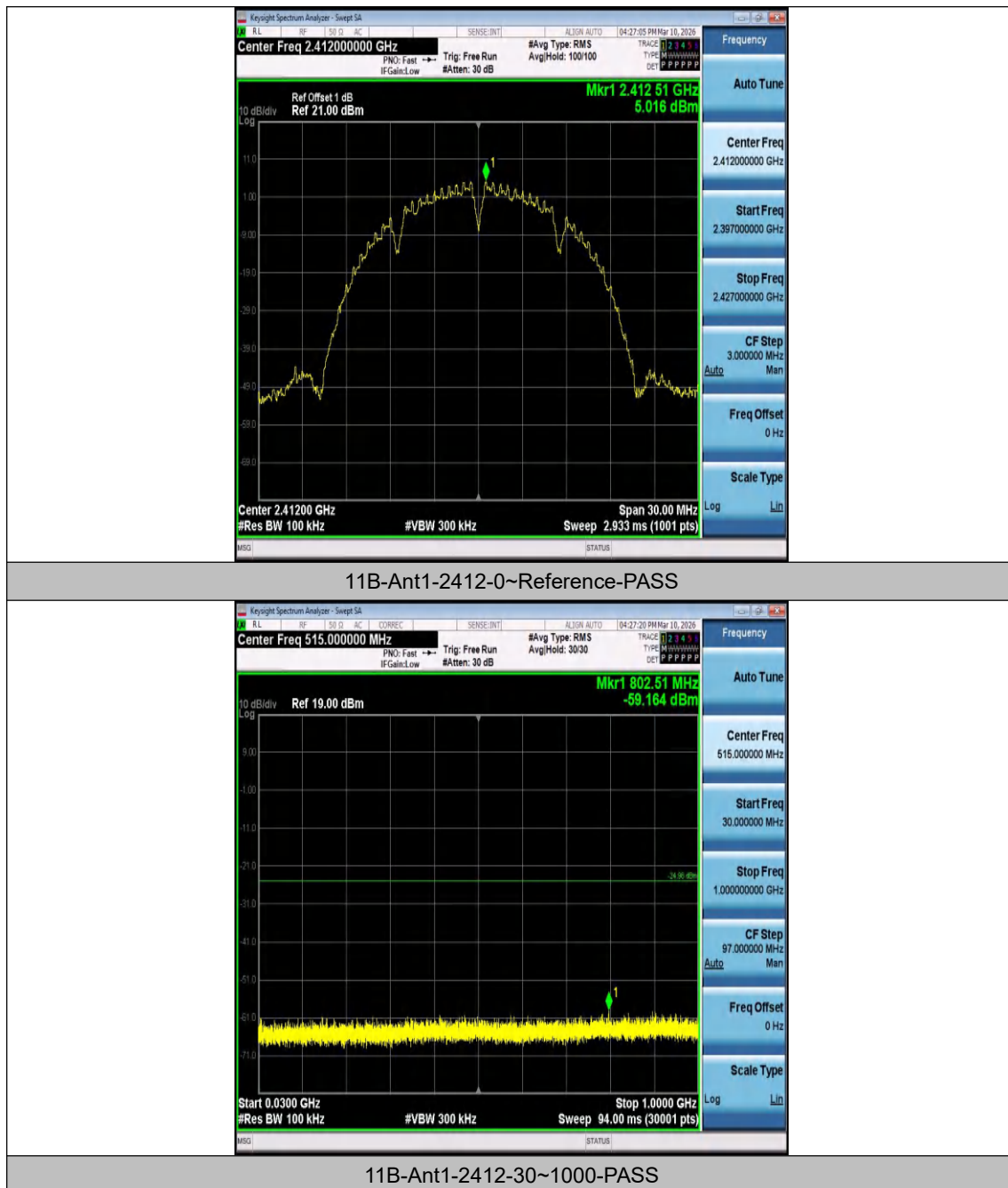
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	5.02	5.02	---	PASS
11B	Ant1	2412	30~1000	5.02	-59.16	≤-24.98	PASS
11B	Ant1	2412	1000~26500	5.02	-47.03	≤-24.98	PASS
11B	Ant1	2437	0~Reference	5.38	5.38	---	PASS
11B	Ant1	2437	30~1000	5.38	-58.58	≤-24.62	PASS
11B	Ant1	2437	1000~26500	5.38	-47.51	≤-24.62	PASS
11B	Ant1	2462	0~Reference	5.59	5.59	---	PASS
11B	Ant1	2462	30~1000	5.59	-54.06	≤-24.41	PASS
11B	Ant1	2462	1000~26500	5.59	-48.35	≤-24.41	PASS
11G	Ant1	2412	0~Reference	0.23	0.23	---	PASS
11G	Ant1	2412	30~1000	0.23	-59.37	≤-29.77	PASS
11G	Ant1	2412	1000~26500	0.23	-49.2	≤-29.77	PASS
11G	Ant1	2437	0~Reference	0.75	0.75	---	PASS
11G	Ant1	2437	30~1000	0.75	-59.34	≤-29.25	PASS
11G	Ant1	2437	1000~26500	0.75	-48.44	≤-29.25	PASS
11G	Ant1	2462	0~Reference	0.80	0.80	---	PASS
11G	Ant1	2462	30~1000	0.80	-59.14	≤-29.2	PASS
11G	Ant1	2462	1000~26500	0.80	-48.26	≤-29.2	PASS
11N20SISO	Ant1	2412	0~Reference	0.00	0.00	---	PASS
11N20SISO	Ant1	2412	30~1000	0.00	-59.54	≤-30	PASS
11N20SISO	Ant1	2412	1000~26500	0.00	-48.93	≤-30	PASS
11N20SISO	Ant1	2437	0~Reference	0.97	0.97	---	PASS
11N20SISO	Ant1	2437	30~1000	0.97	-59.25	≤-29.03	PASS
11N20SISO	Ant1	2437	1000~26500	0.97	-48.19	≤-29.03	PASS
11N20SISO	Ant1	2462	0~Reference	0.78	0.78	---	PASS
11N20SISO	Ant1	2462	30~1000	0.78	-58.9	≤-29.22	PASS
11N20SISO	Ant1	2462	1000~26500	0.78	-48.84	≤-29.22	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.

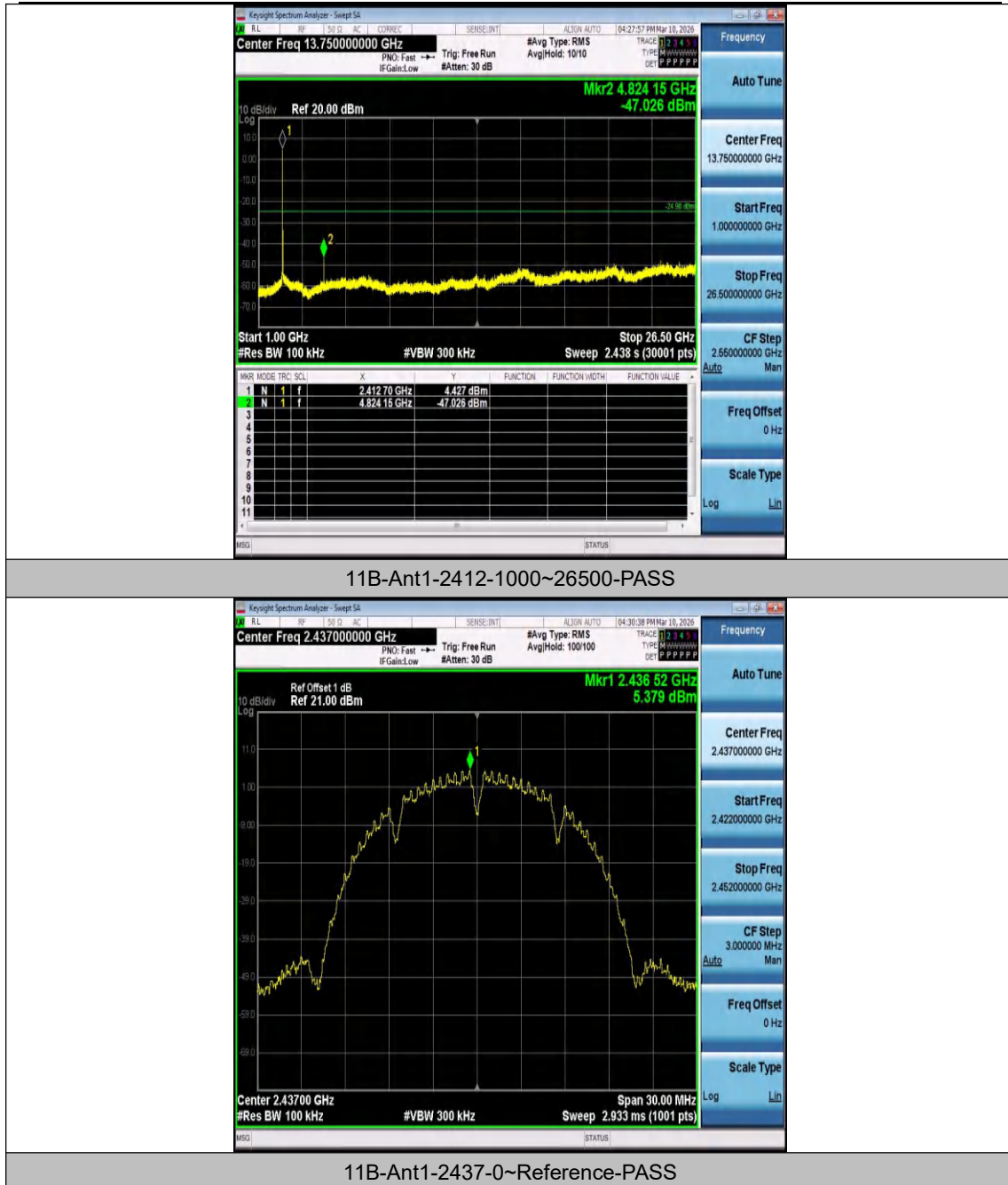
Test Graphs



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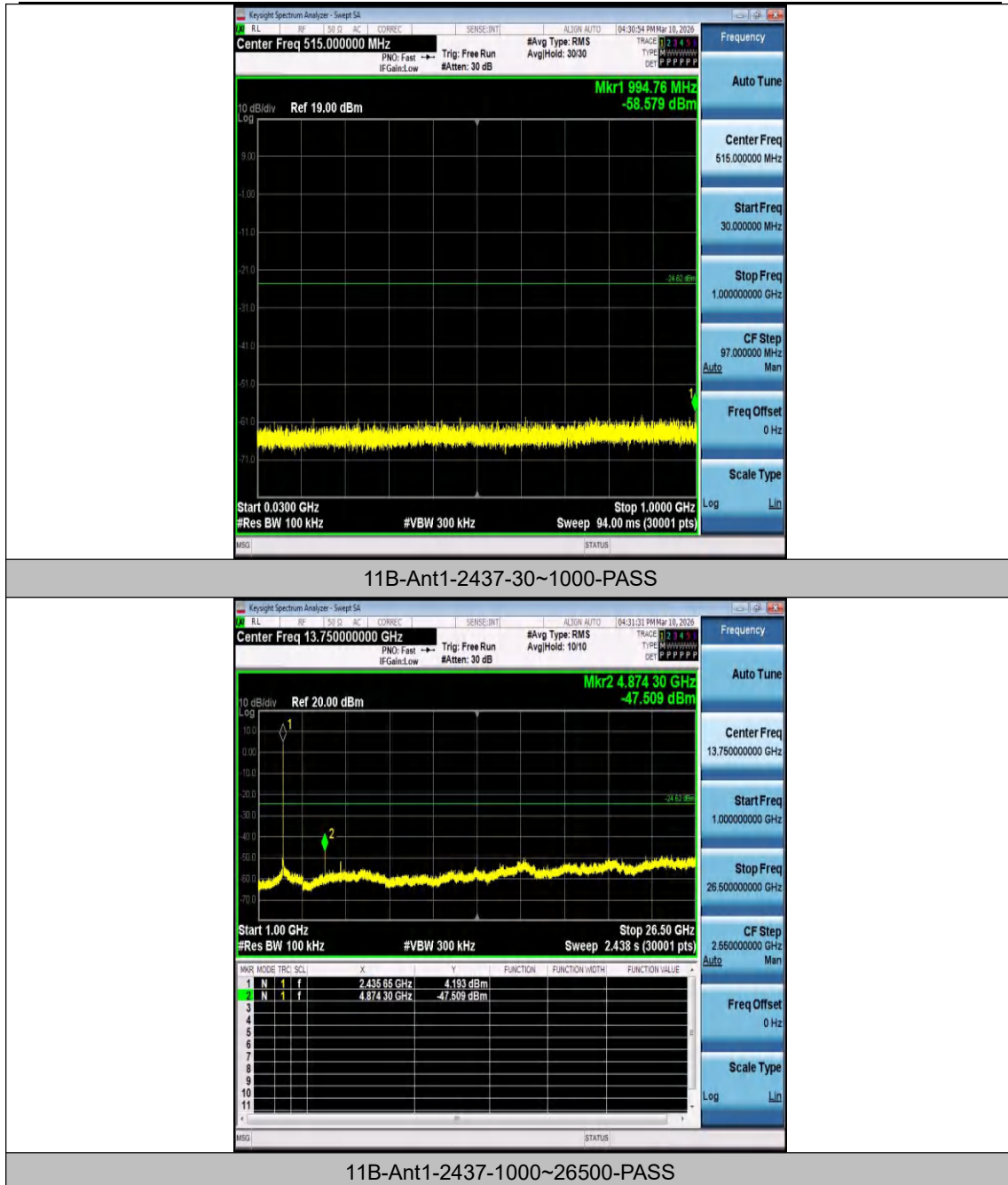
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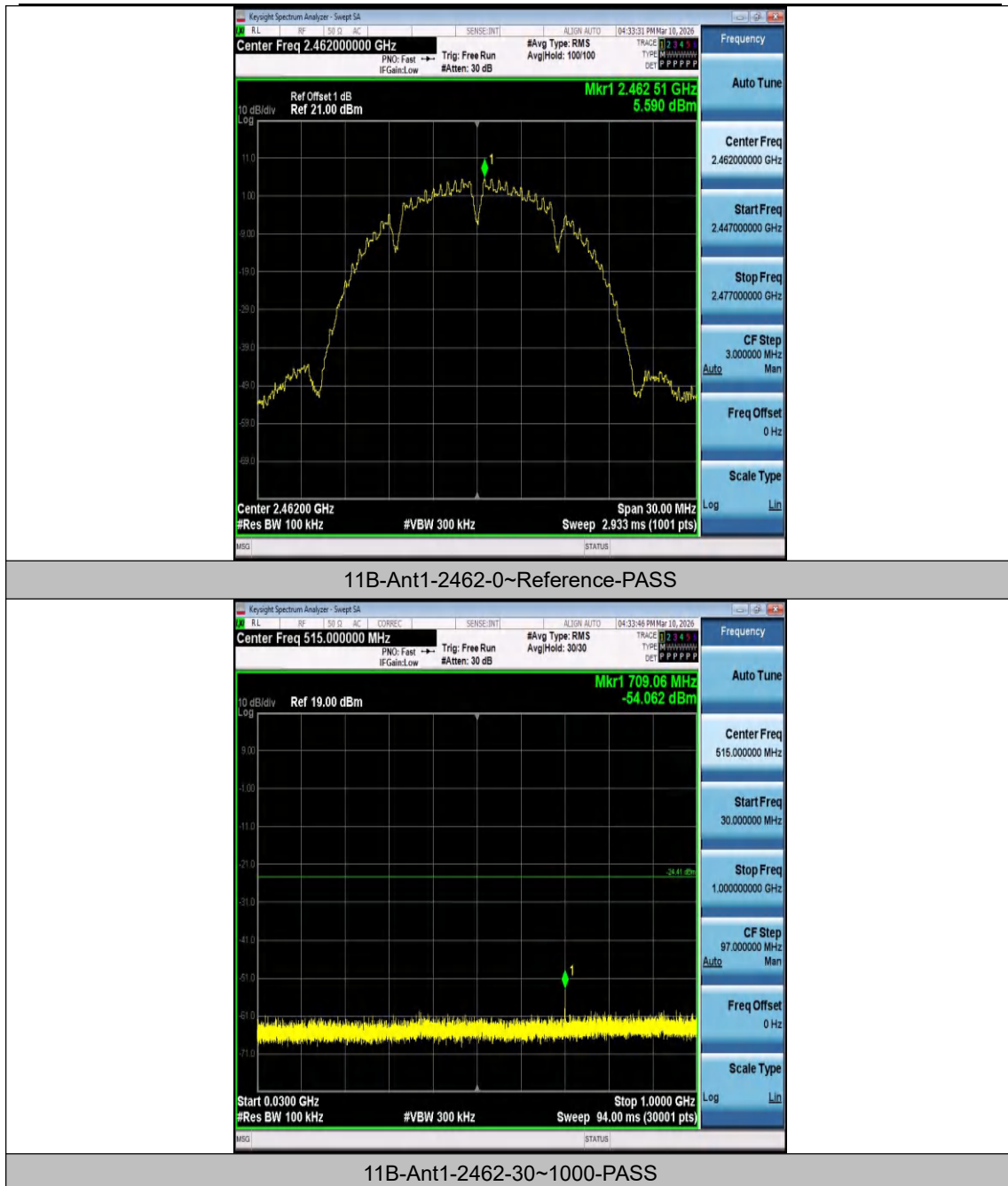
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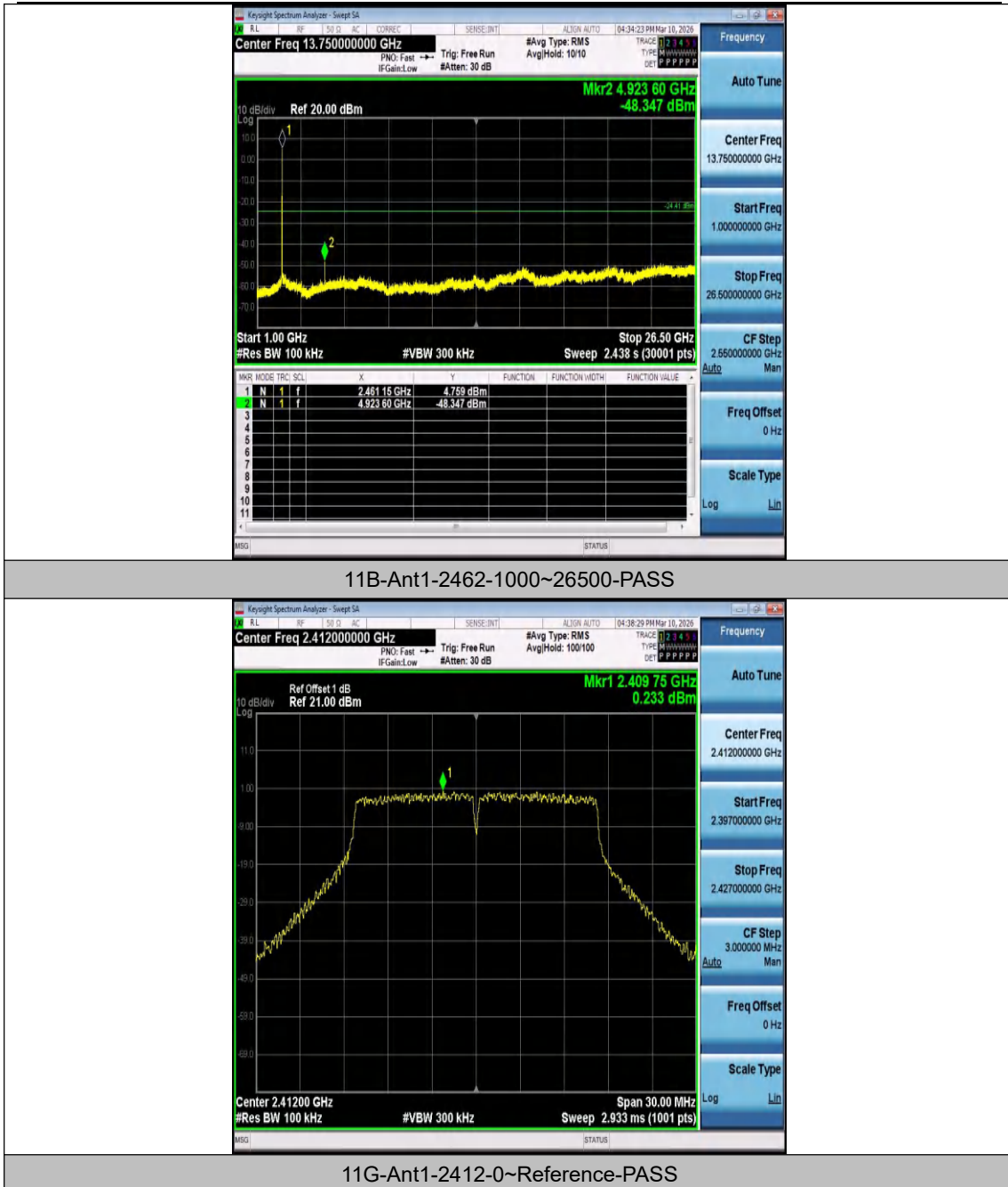
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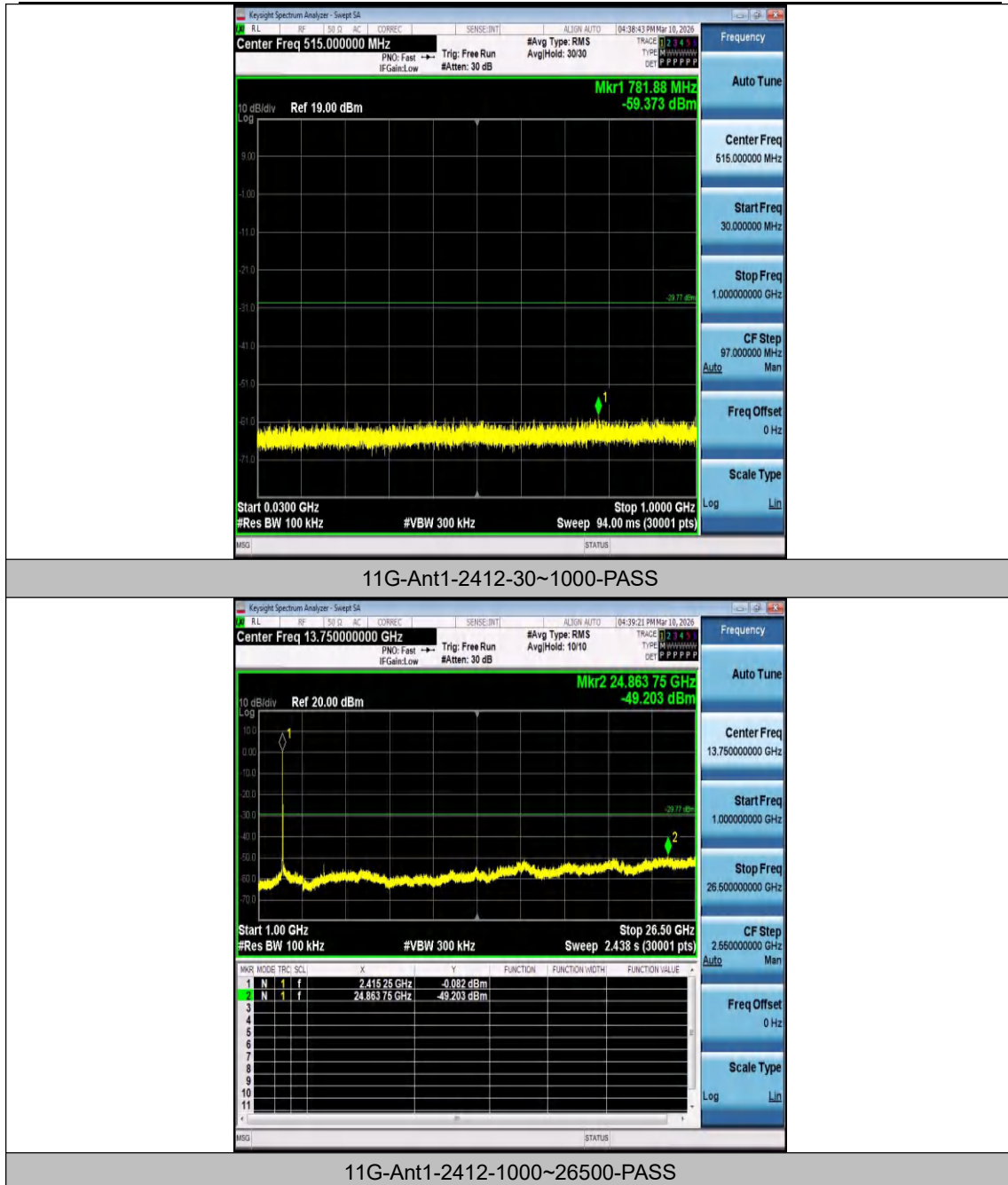
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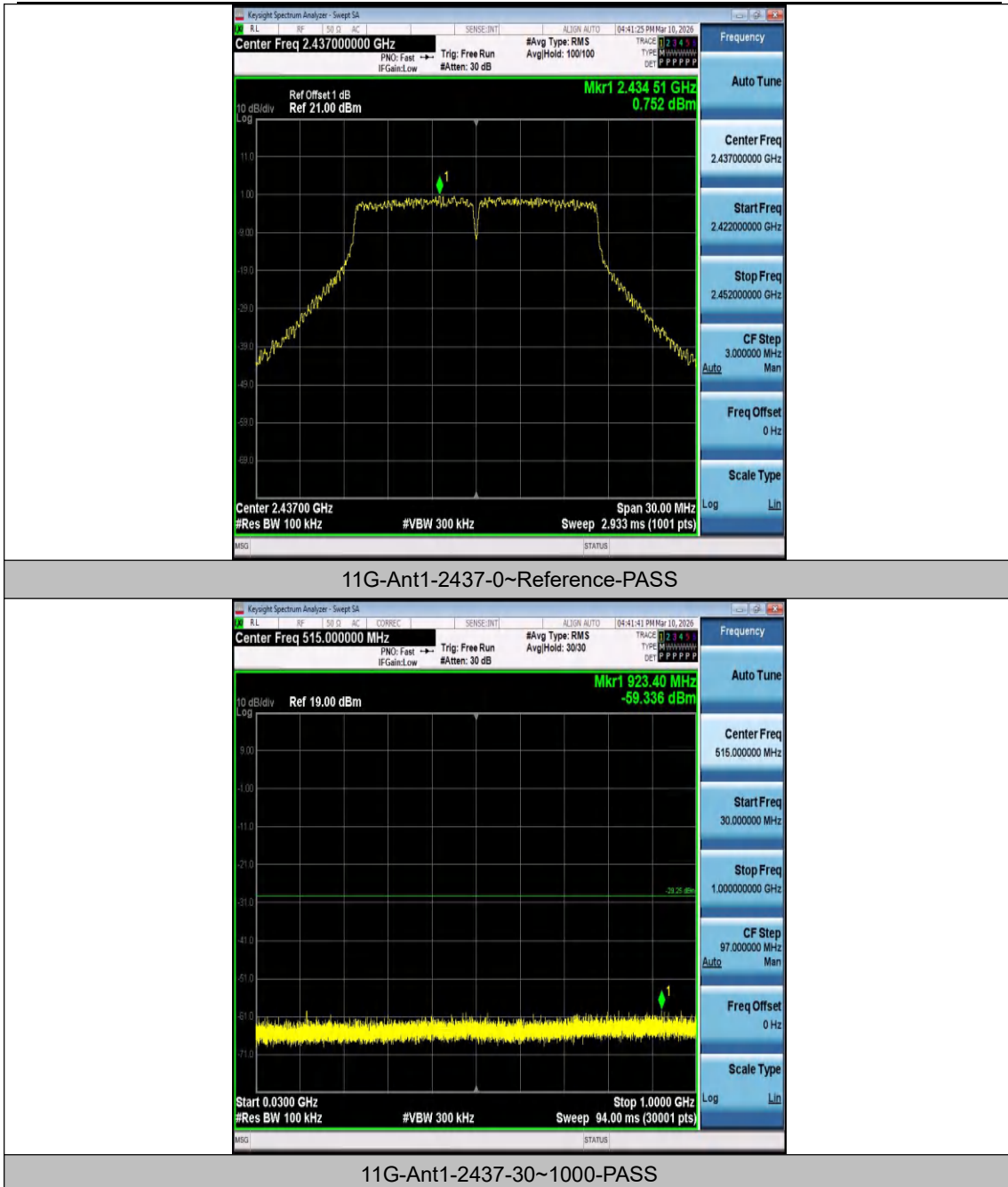
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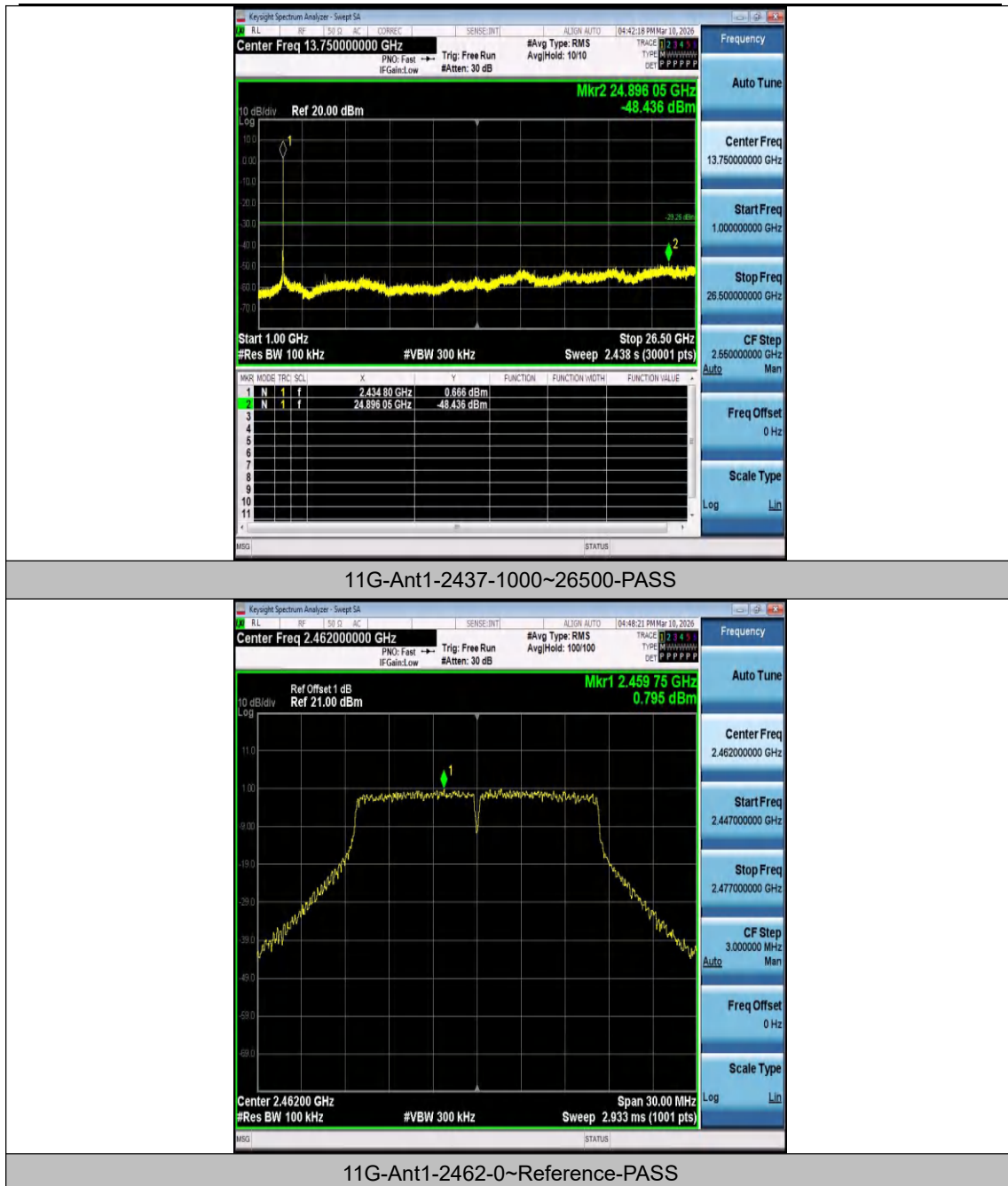
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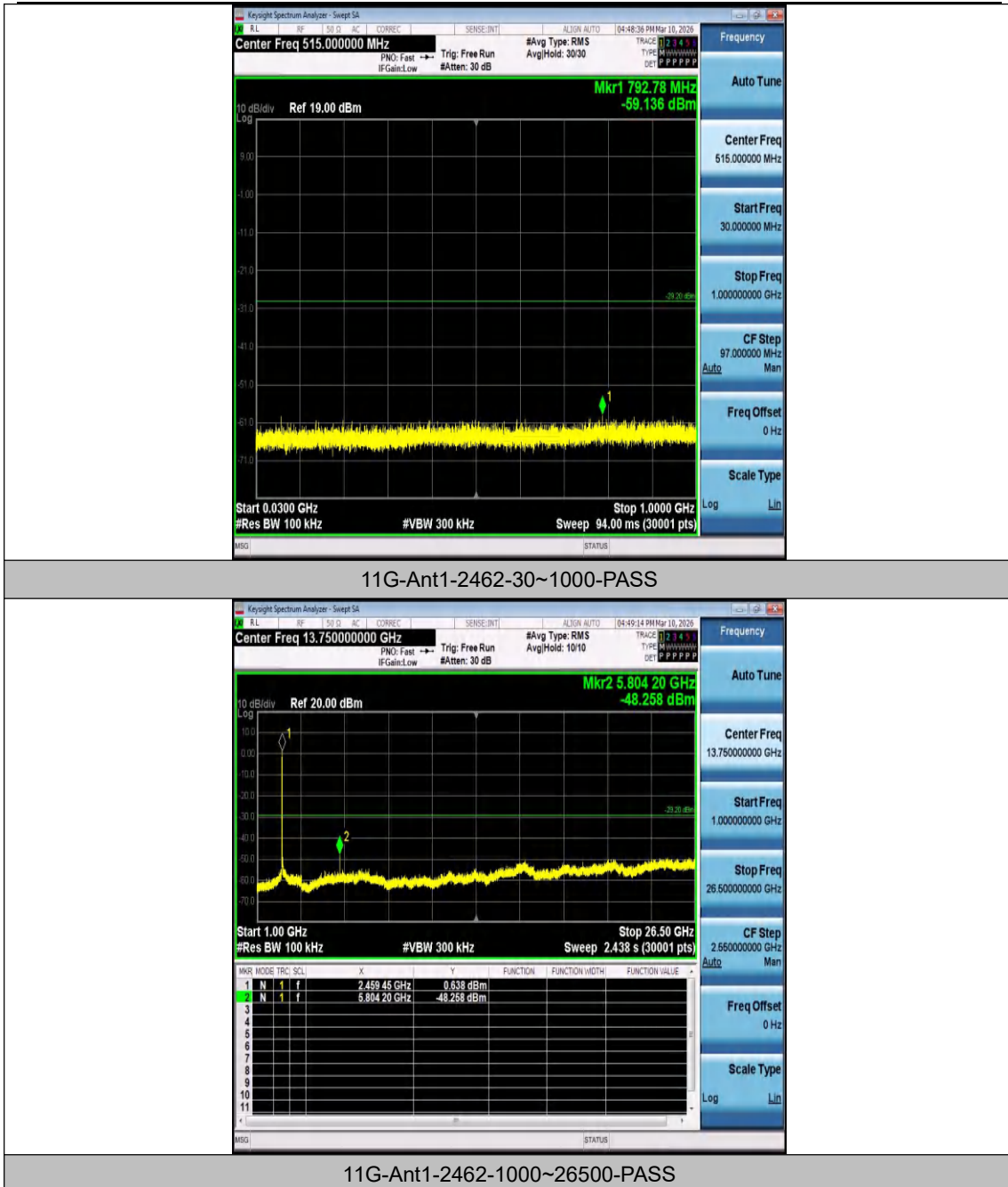


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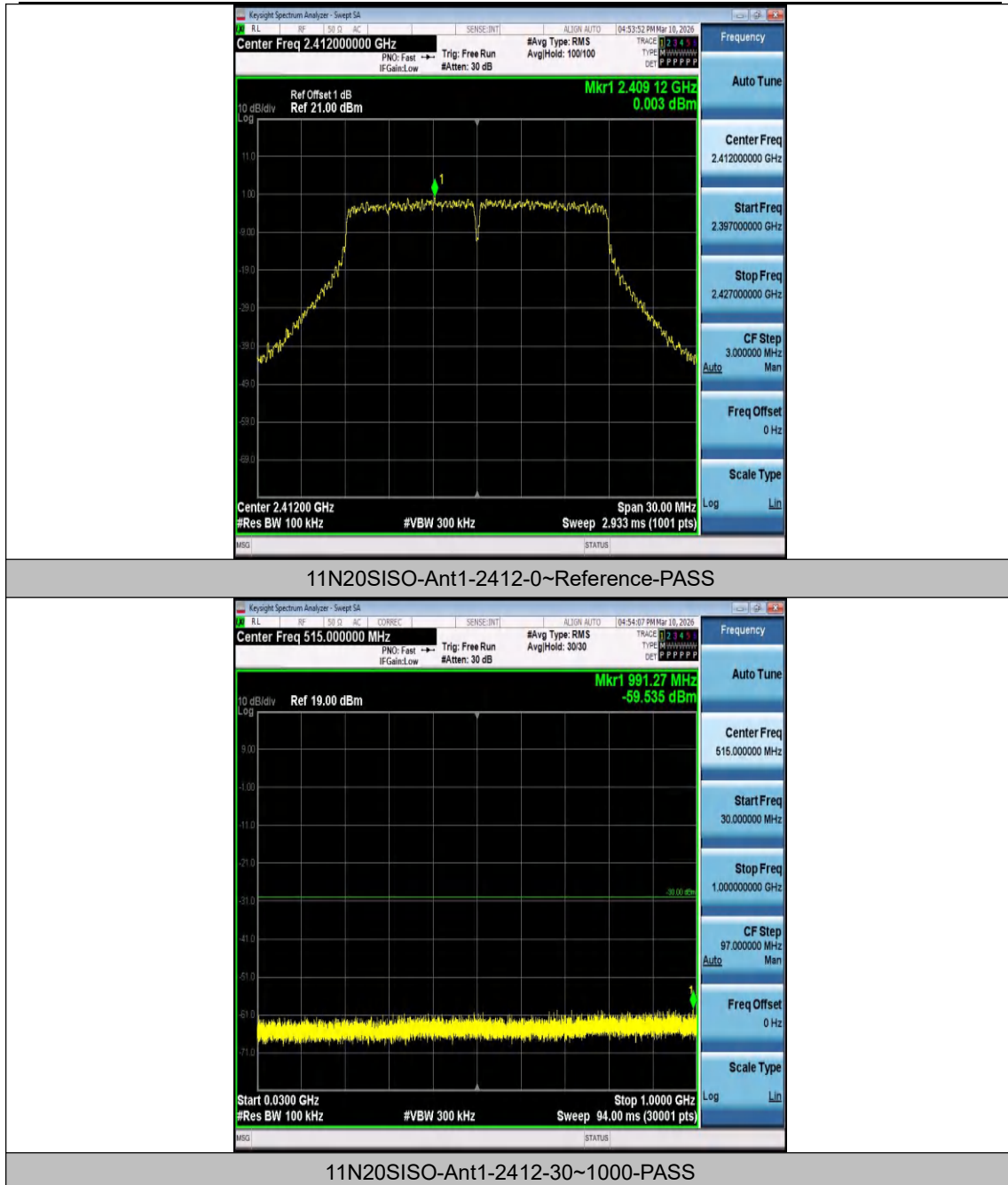




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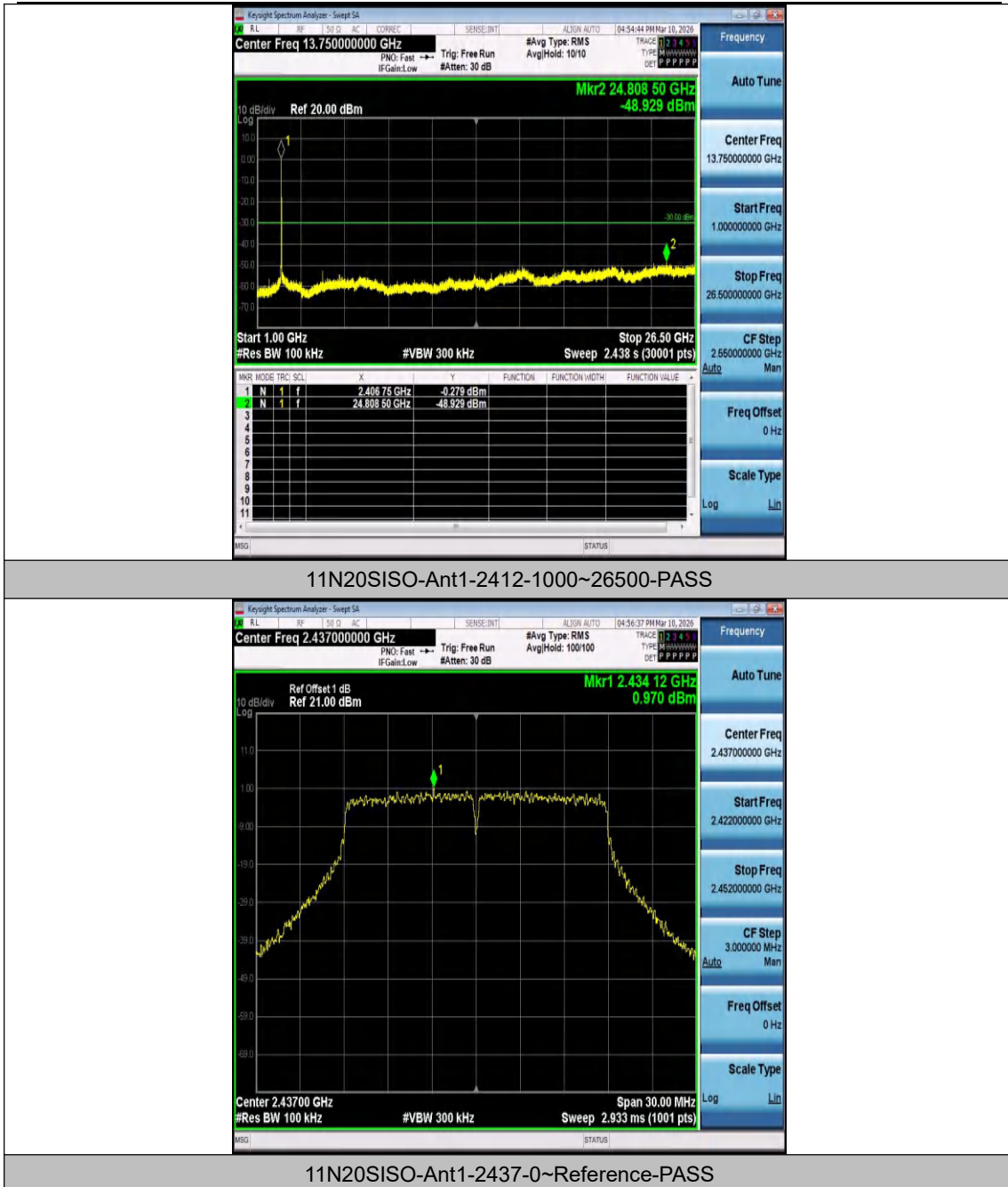
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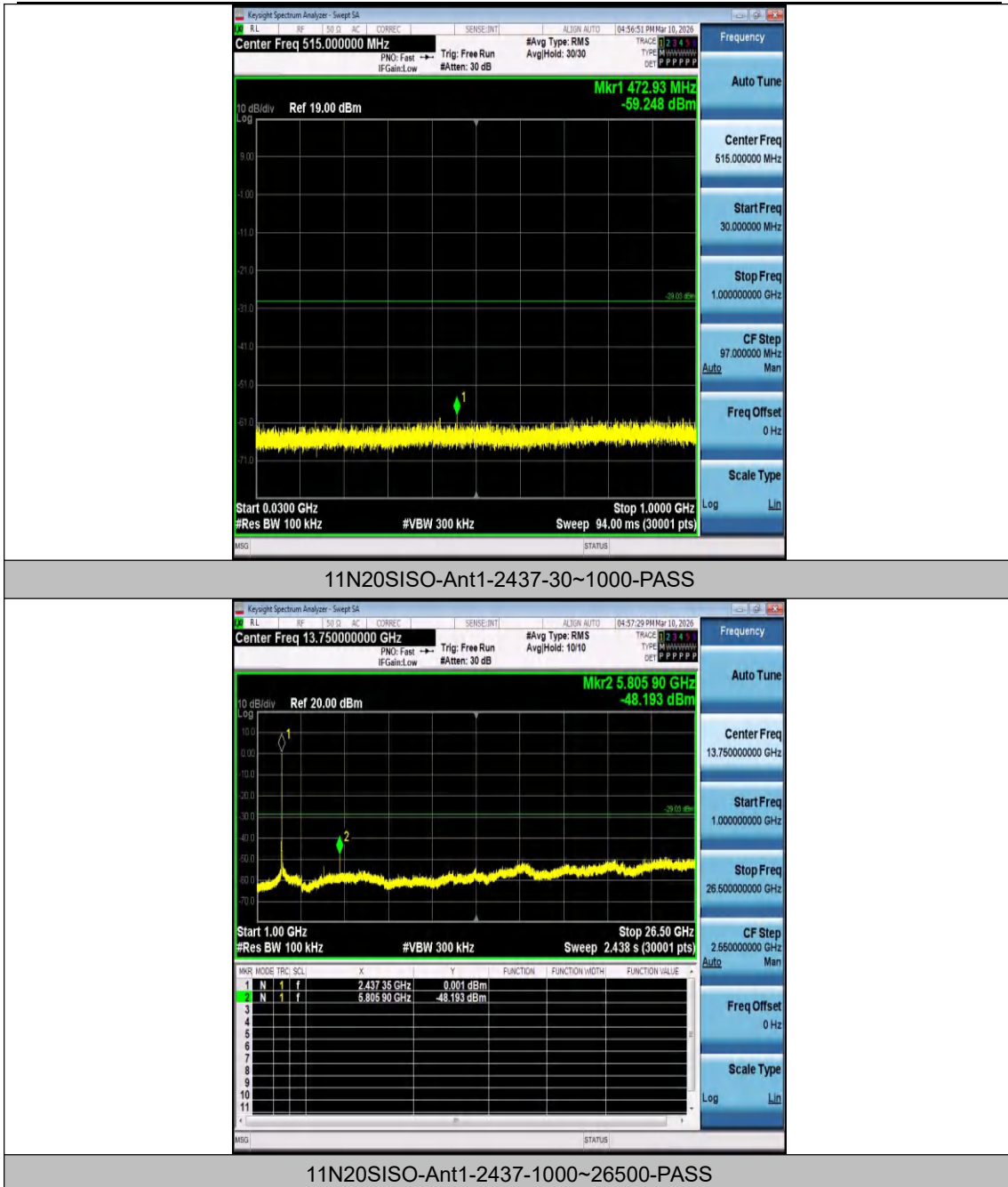
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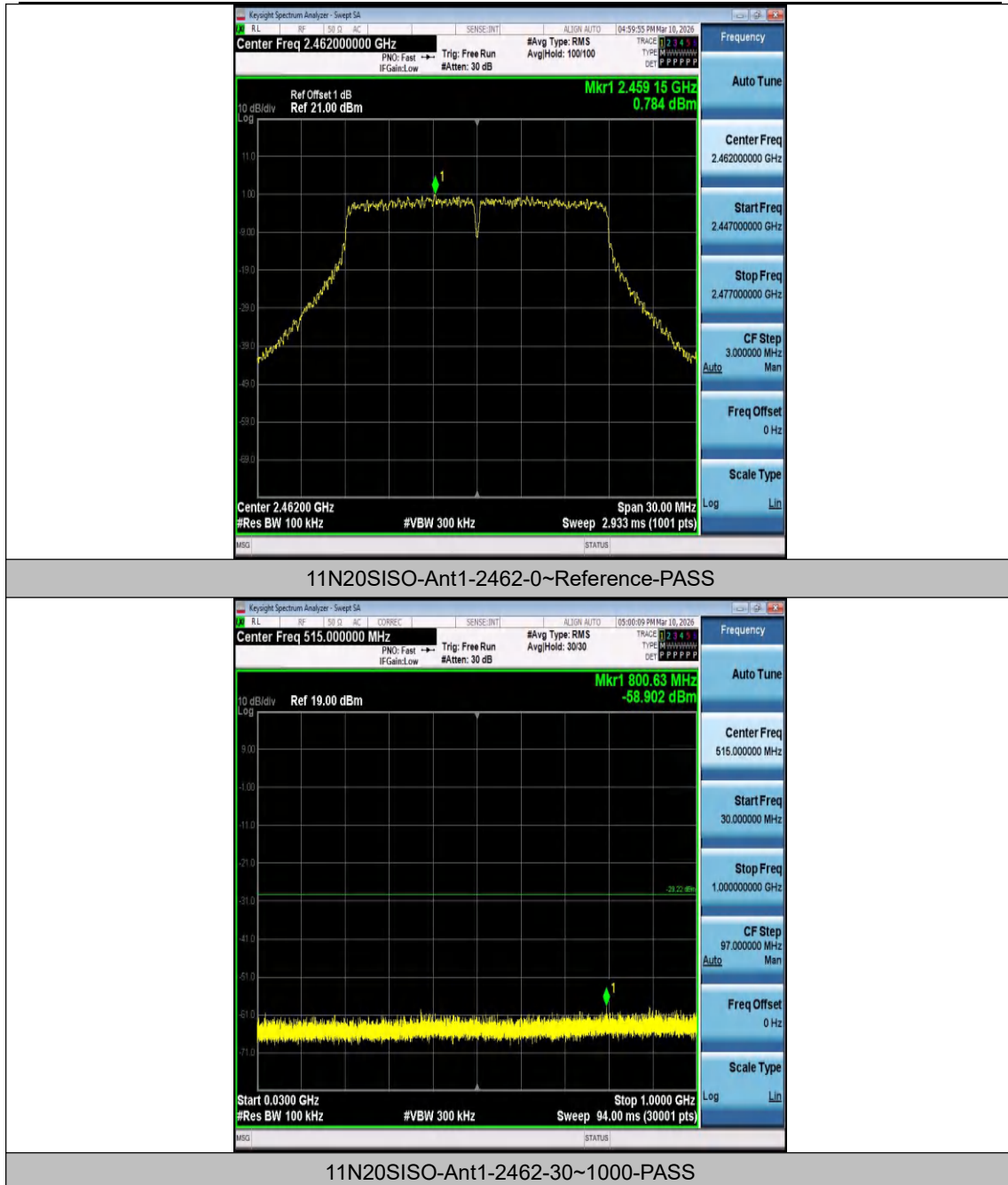


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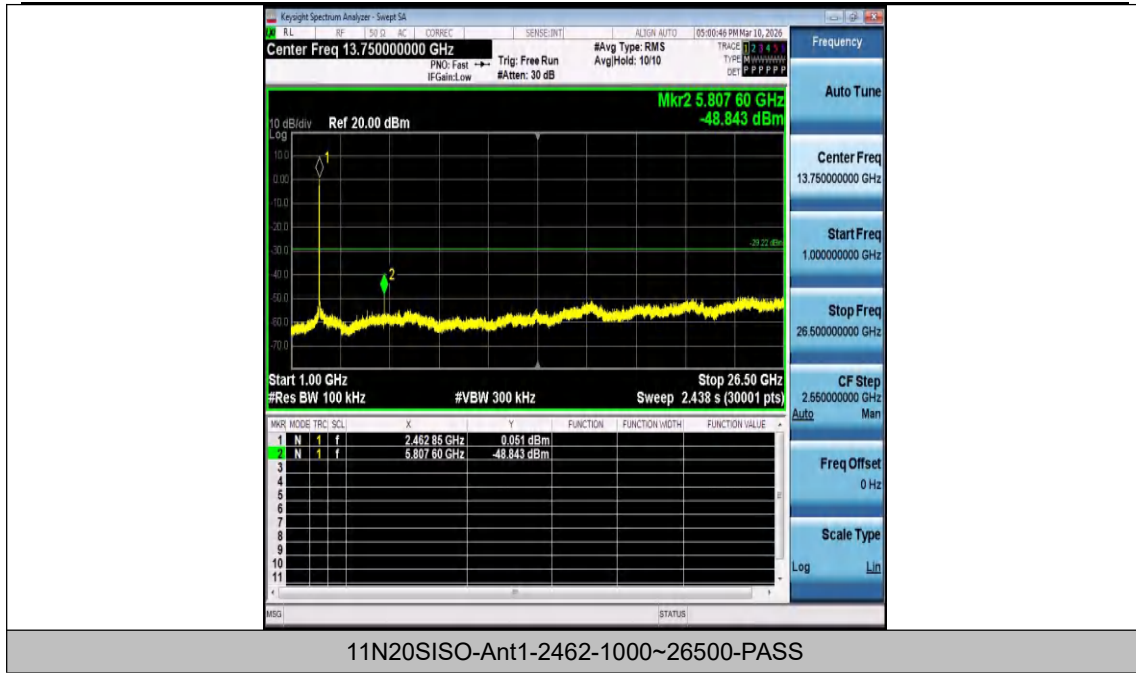




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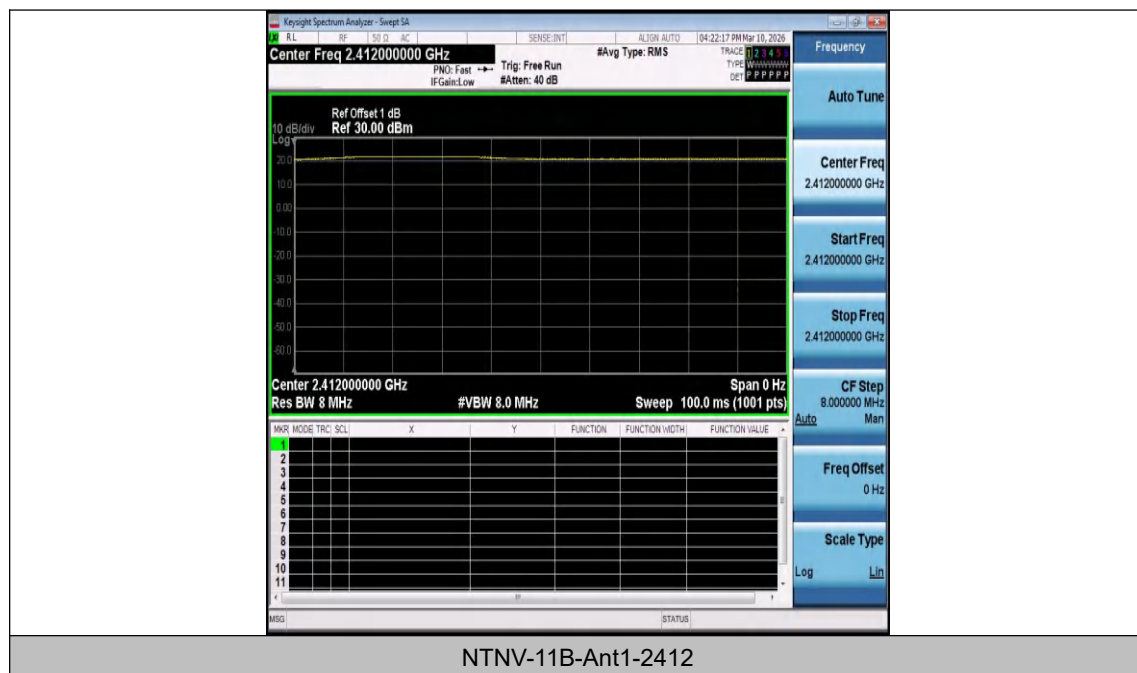
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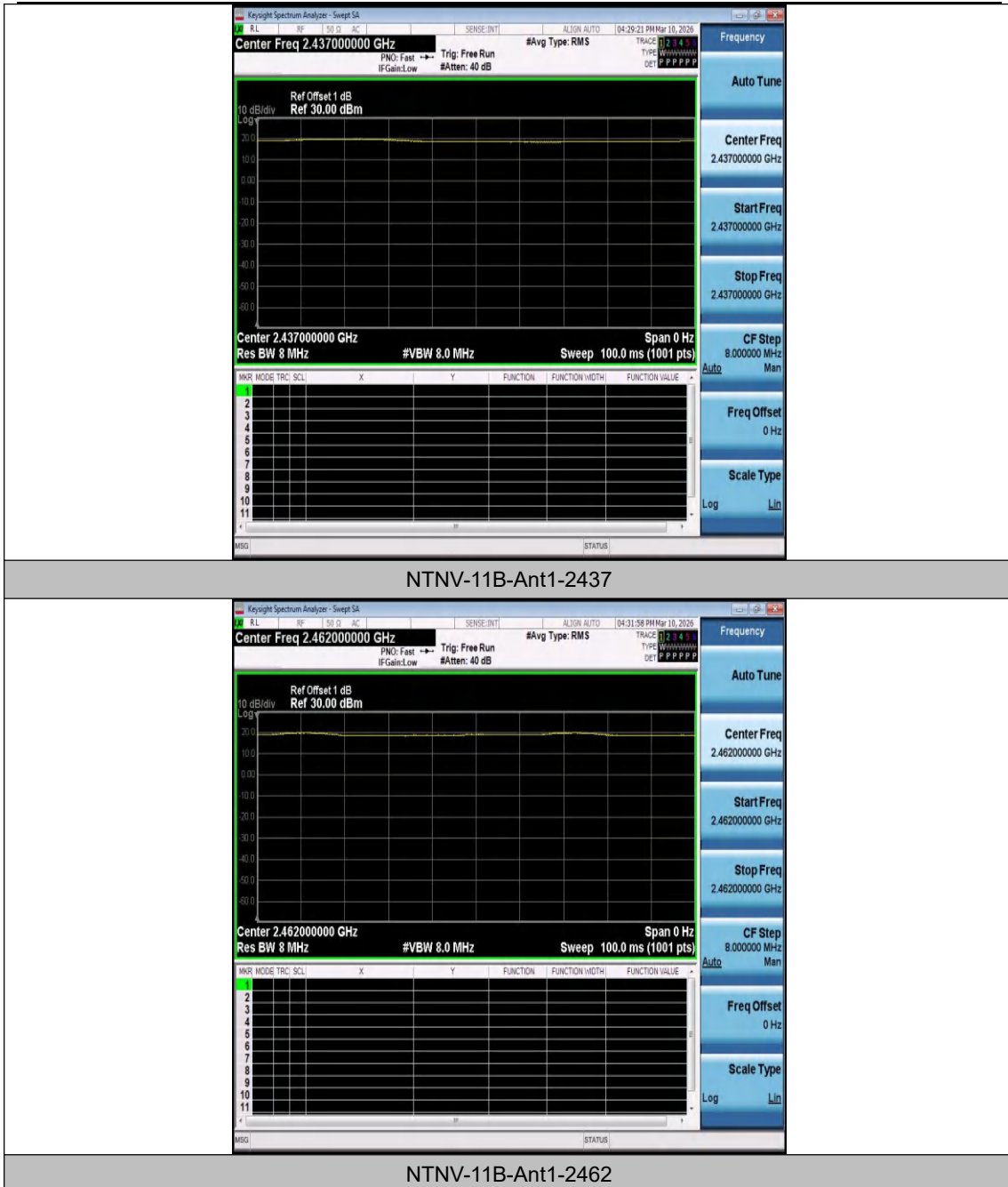
Appendix G: Duty Cycle

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

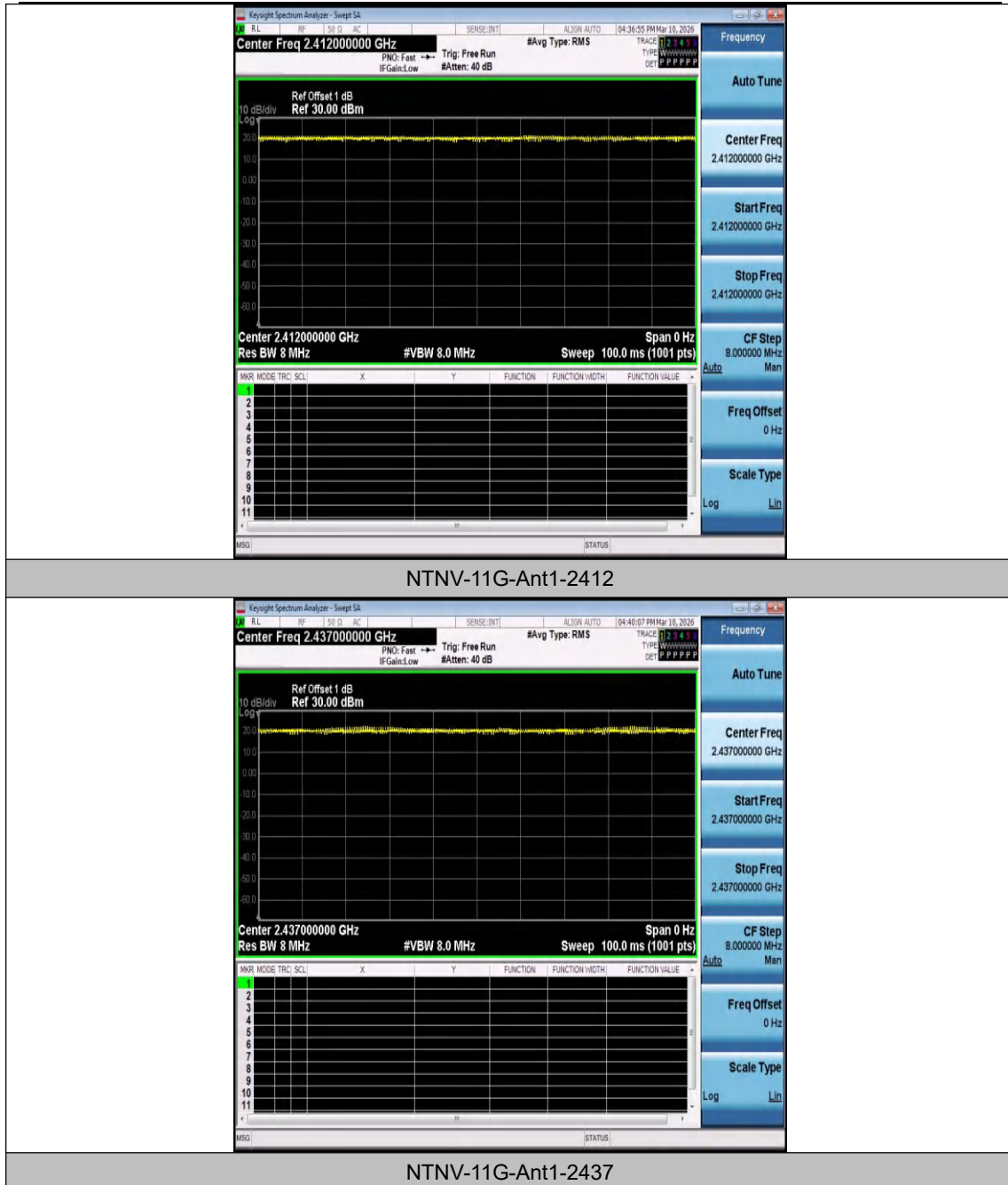




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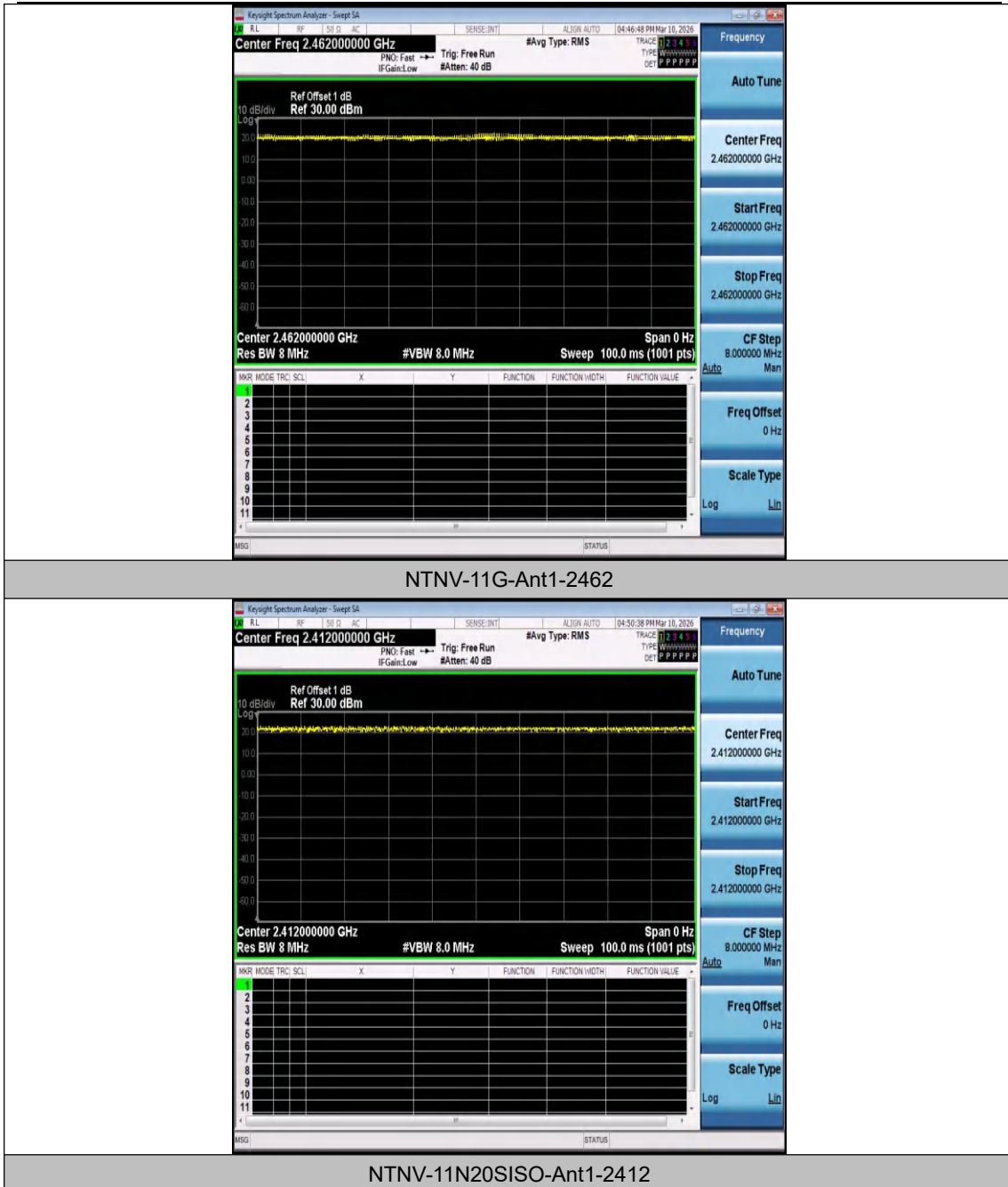
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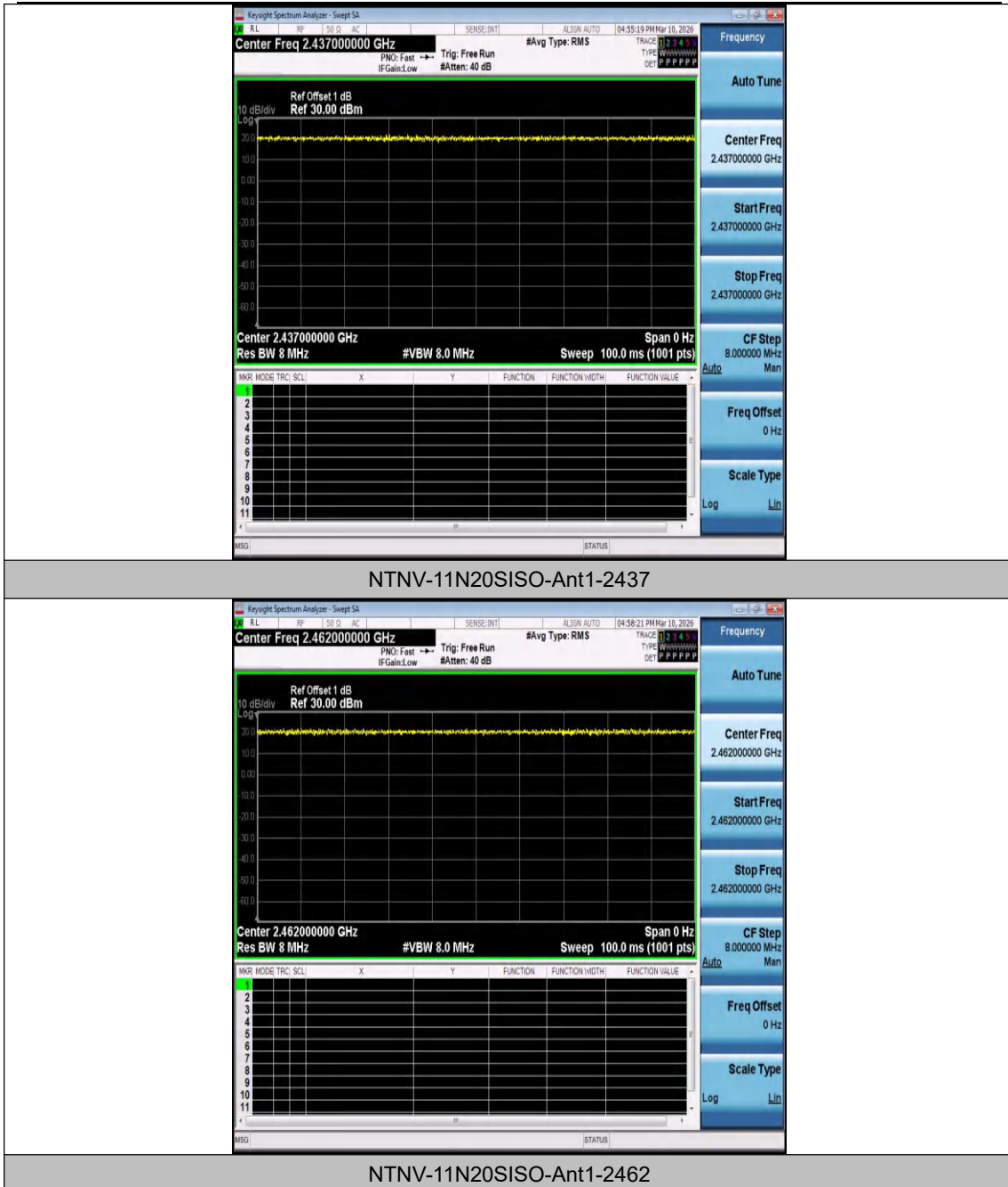
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