

Appendix Test Data

Report No.:	1812C60012712502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-3-16	Finish Test Date:	2026-3-18
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	22.5°C	Relative Humidity:	65%
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	9.240	2432.400	2441.640	0.5	PASS
11B	Ant1	2462	9.240	2457.400	2466.640	0.5	PASS
11G	Ant1	2412	16.440	2403.800	2420.240	0.5	PASS
11G	Ant1	2437	16.440	2428.840	2445.280	0.5	PASS
11G	Ant1	2462	16.480	2453.840	2470.320	0.5	PASS
11N20SISO	Ant1	2412	17.600	2403.240	2420.840	0.5	PASS
11N20SISO	Ant1	2437	17.600	2428.240	2445.840	0.5	PASS
11N20SISO	Ant1	2462	17.640	2453.240	2470.880	0.5	PASS

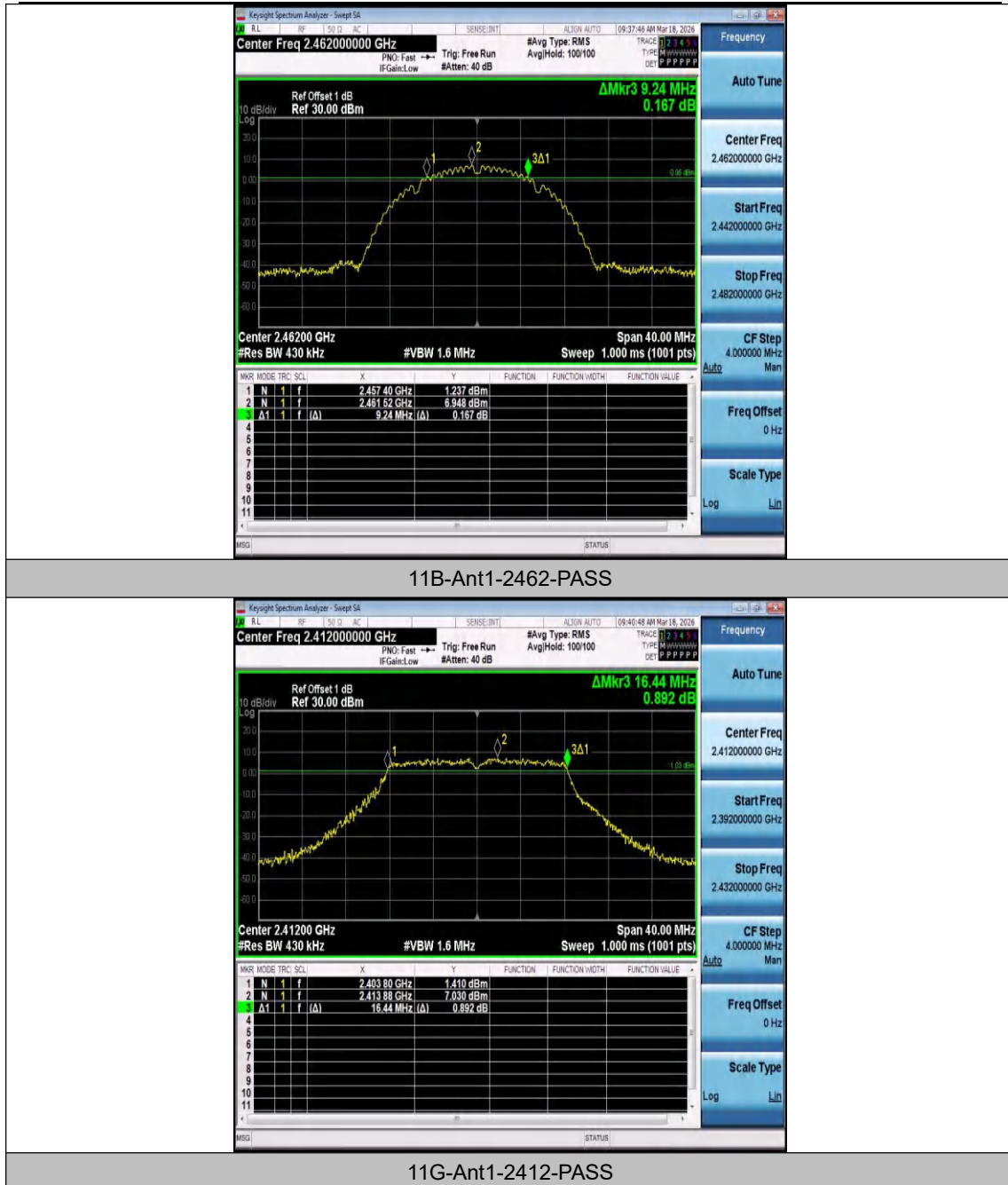
Test Graphs

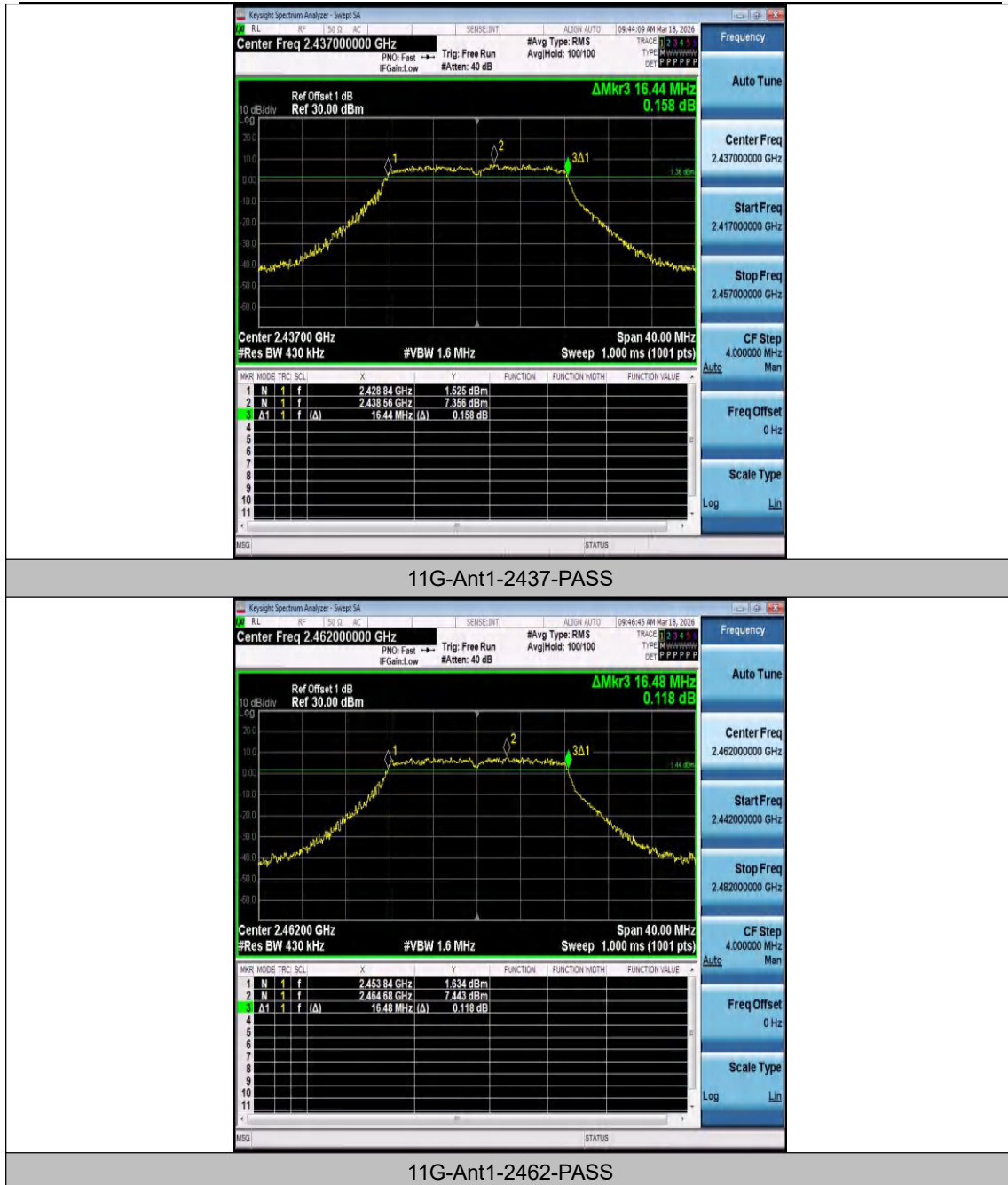


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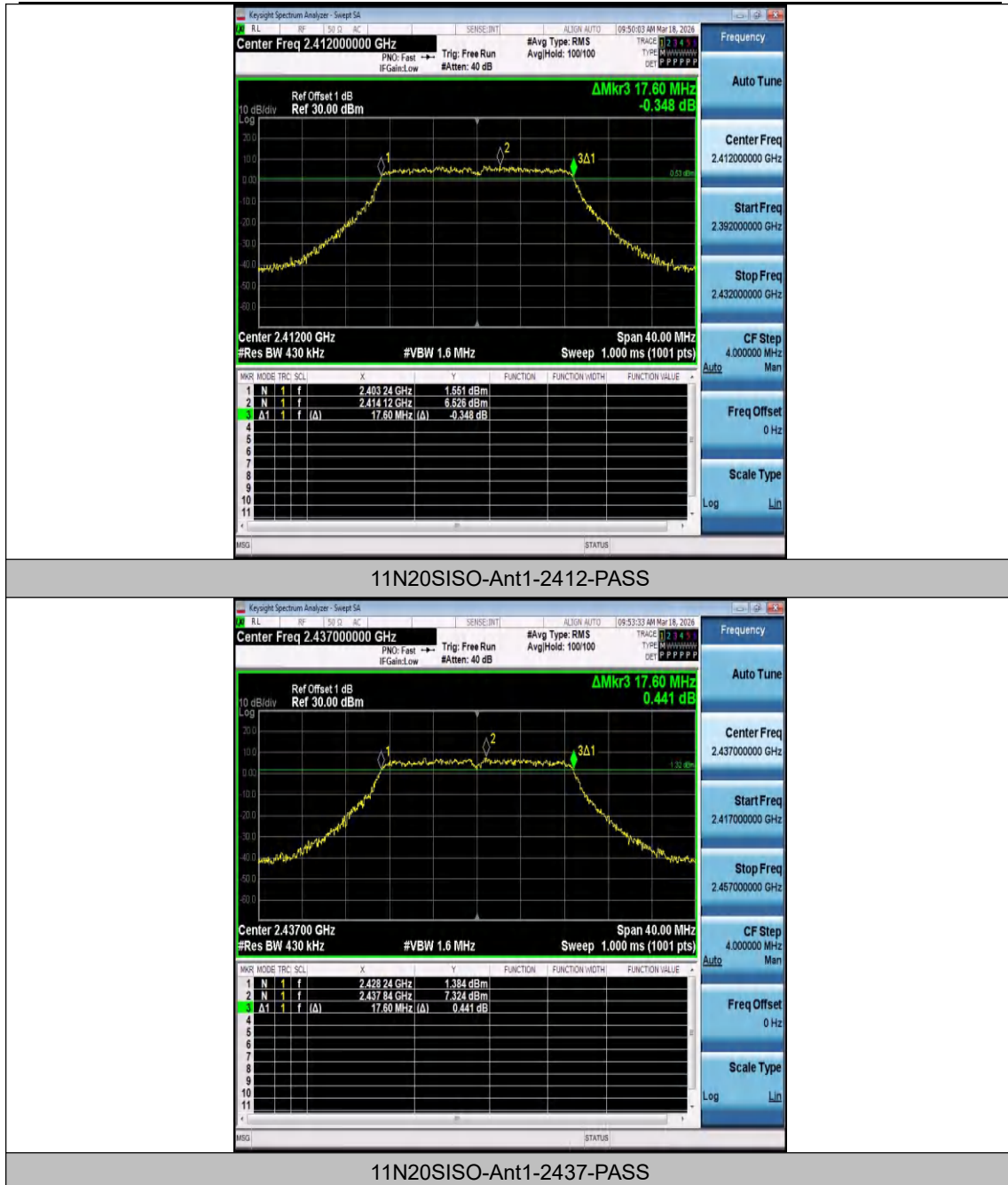




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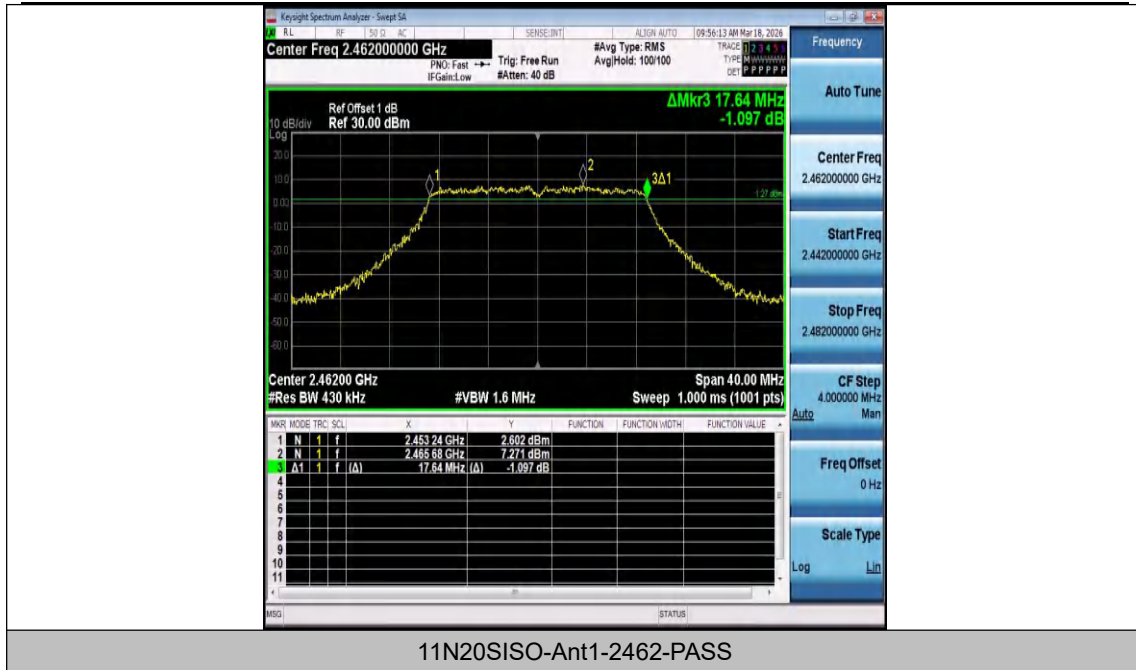
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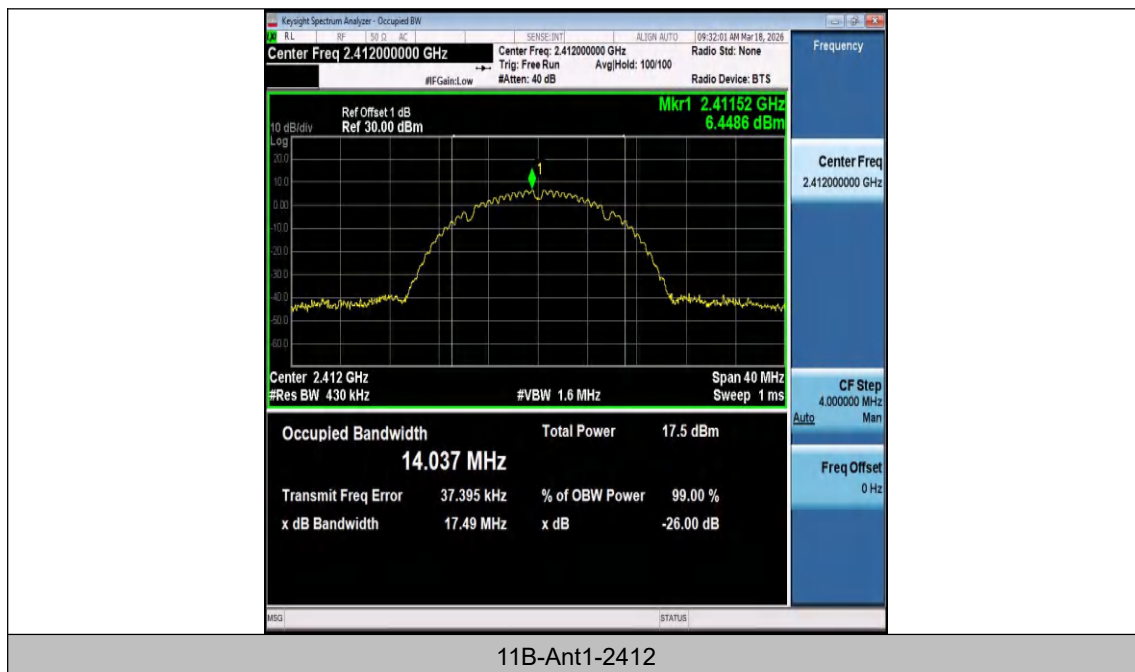
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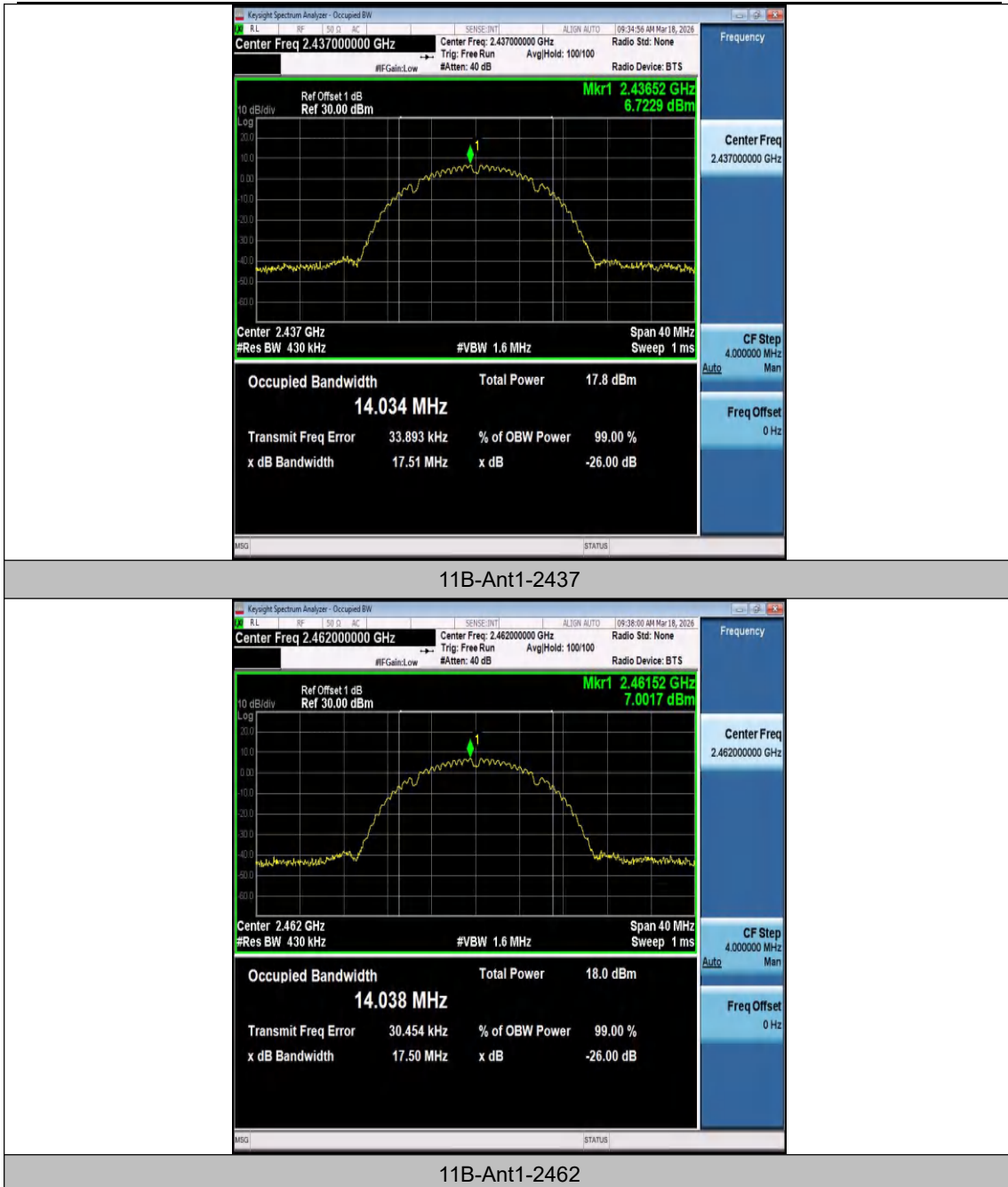
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.037	2405.0189	2419.0559	---	---
11B	Ant1	2437	14.034	2430.0169	2444.0509	---	---
11B	Ant1	2462	14.038	2455.0115	2469.0495	---	---
11G	Ant1	2412	17.158	2403.3404	2420.4984	---	---
11G	Ant1	2437	17.082	2428.4017	2445.4837	---	---
11G	Ant1	2462	17.087	2453.3923	2470.4793	---	---
11N20SISO	Ant1	2412	18.213	2402.9138	2421.1268	---	---
11N20SISO	Ant1	2437	18.133	2427.9634	2446.0964	---	---
11N20SISO	Ant1	2462	18.150	2452.9449	2471.0949	---	---

Test Graphs

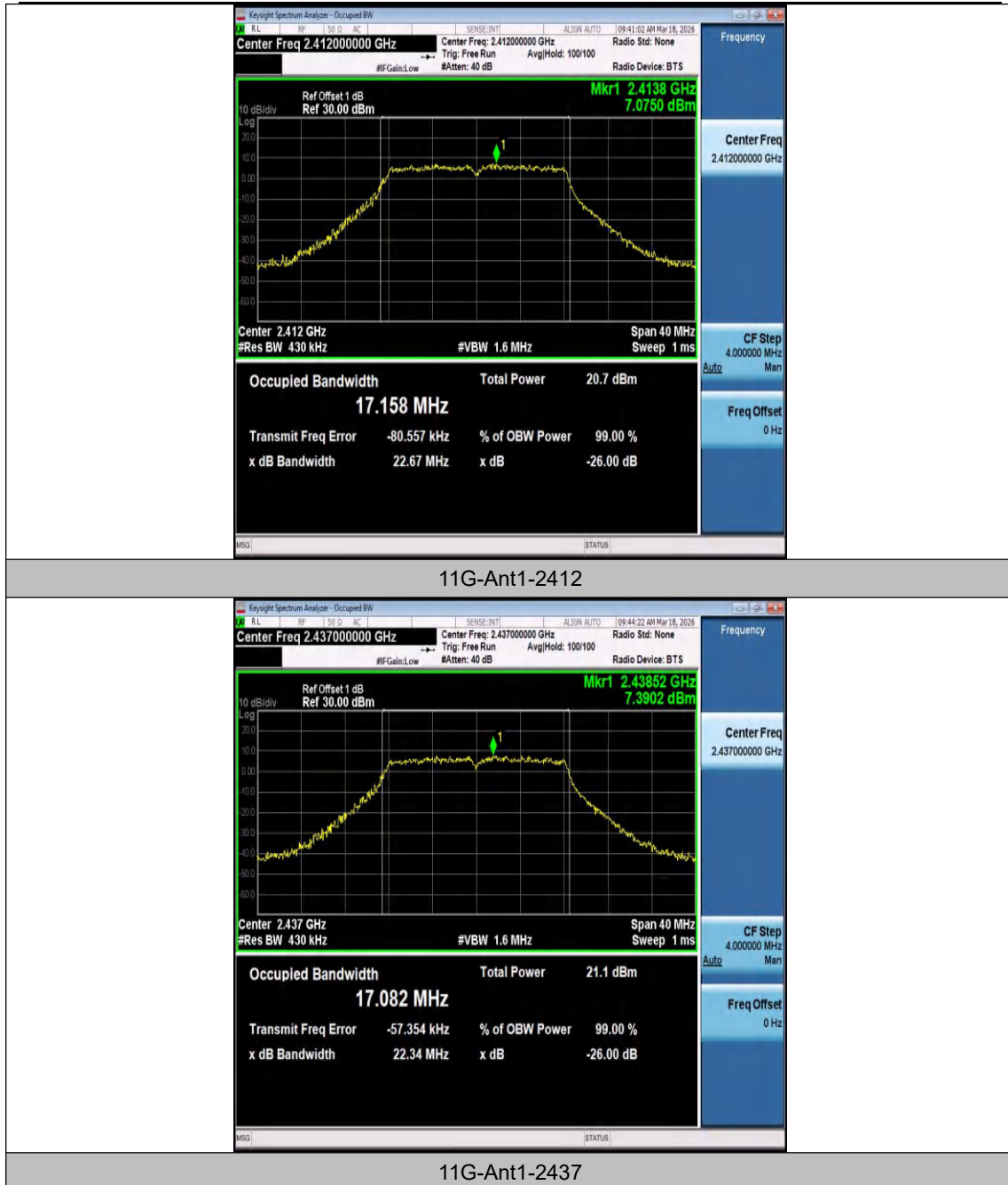




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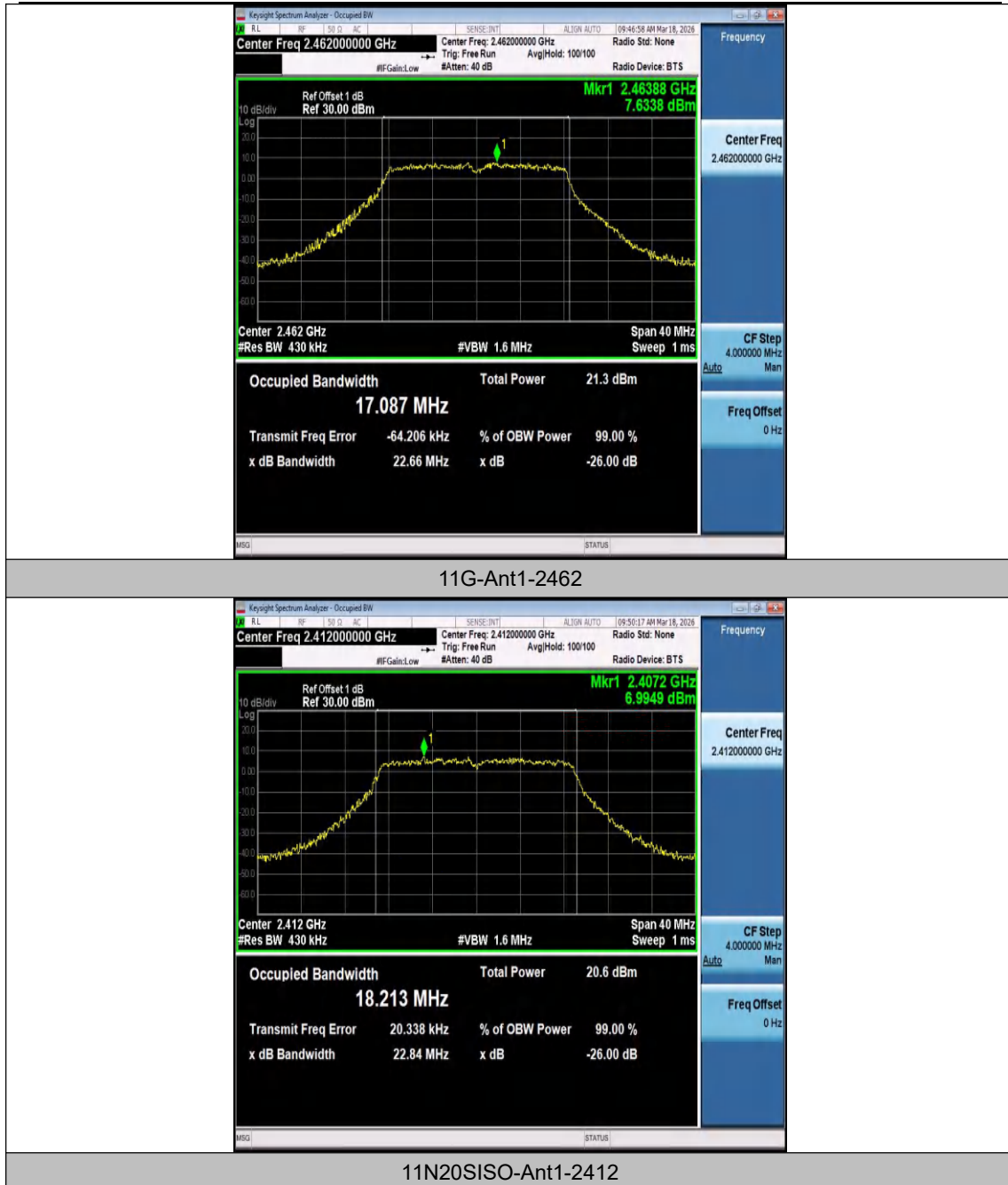
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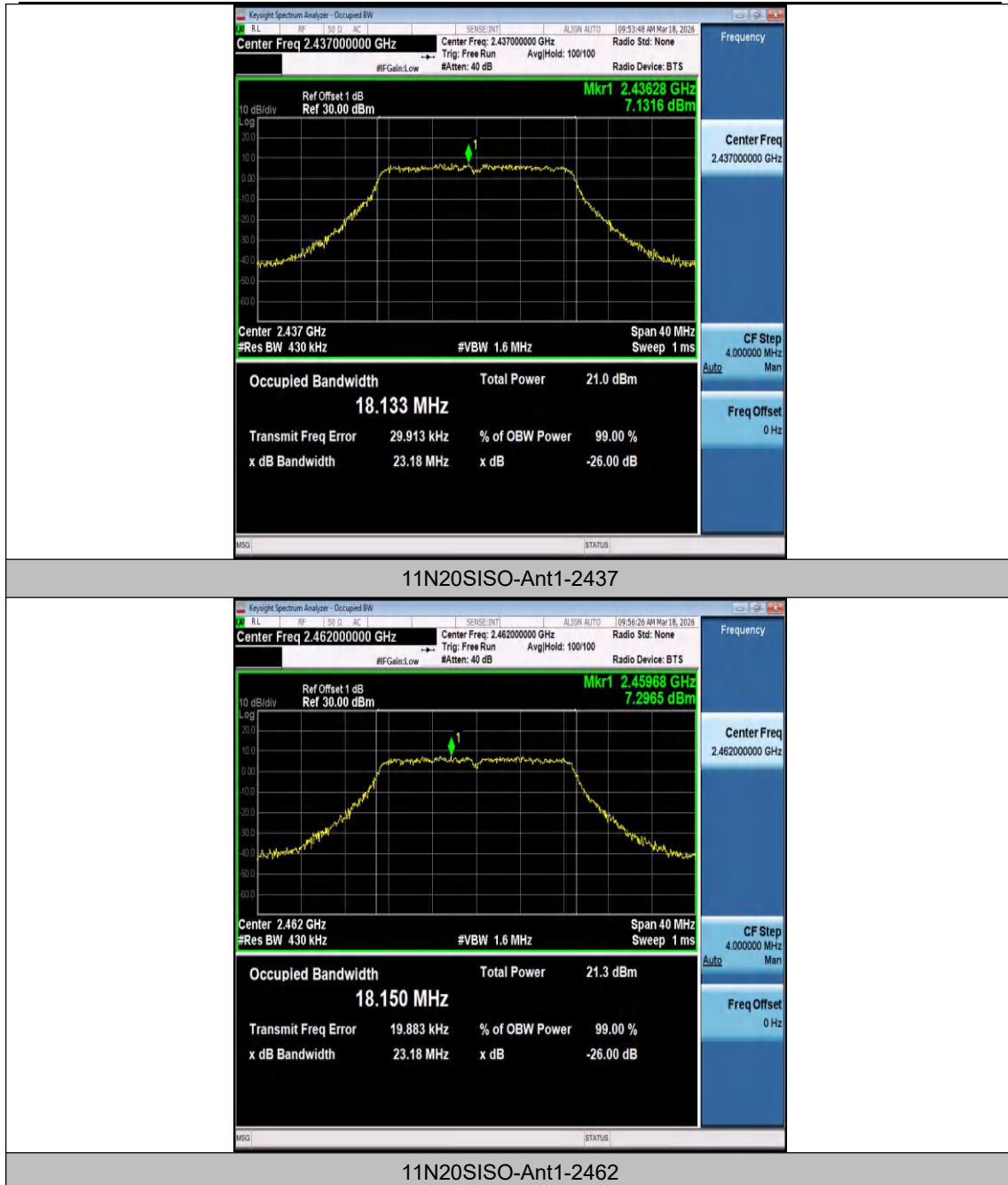
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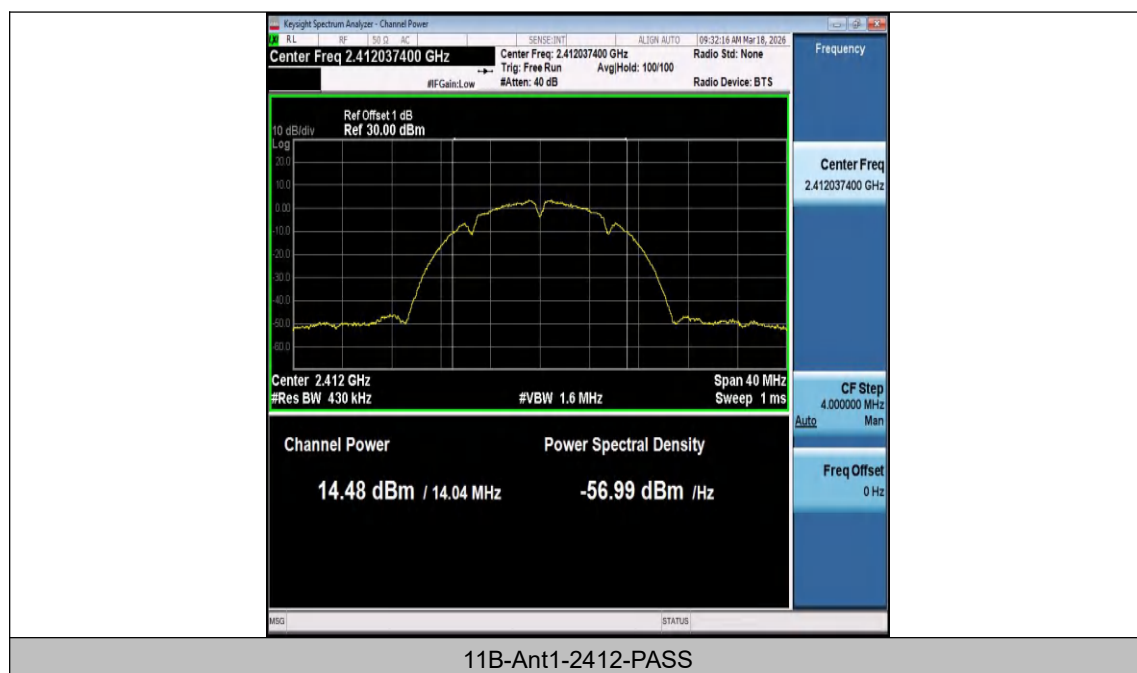
Appendix C: Maximum conducted output power

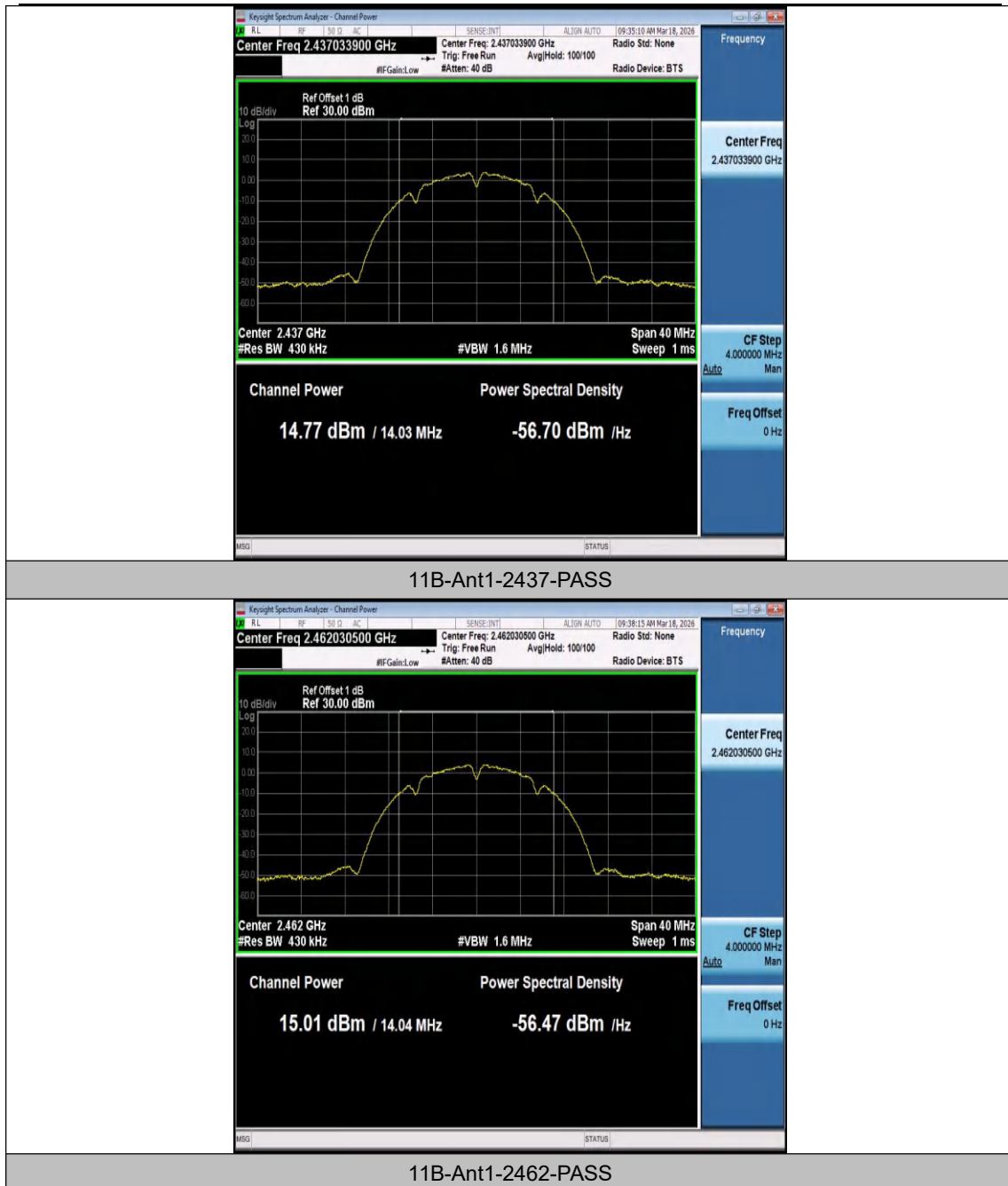
Test Result Average

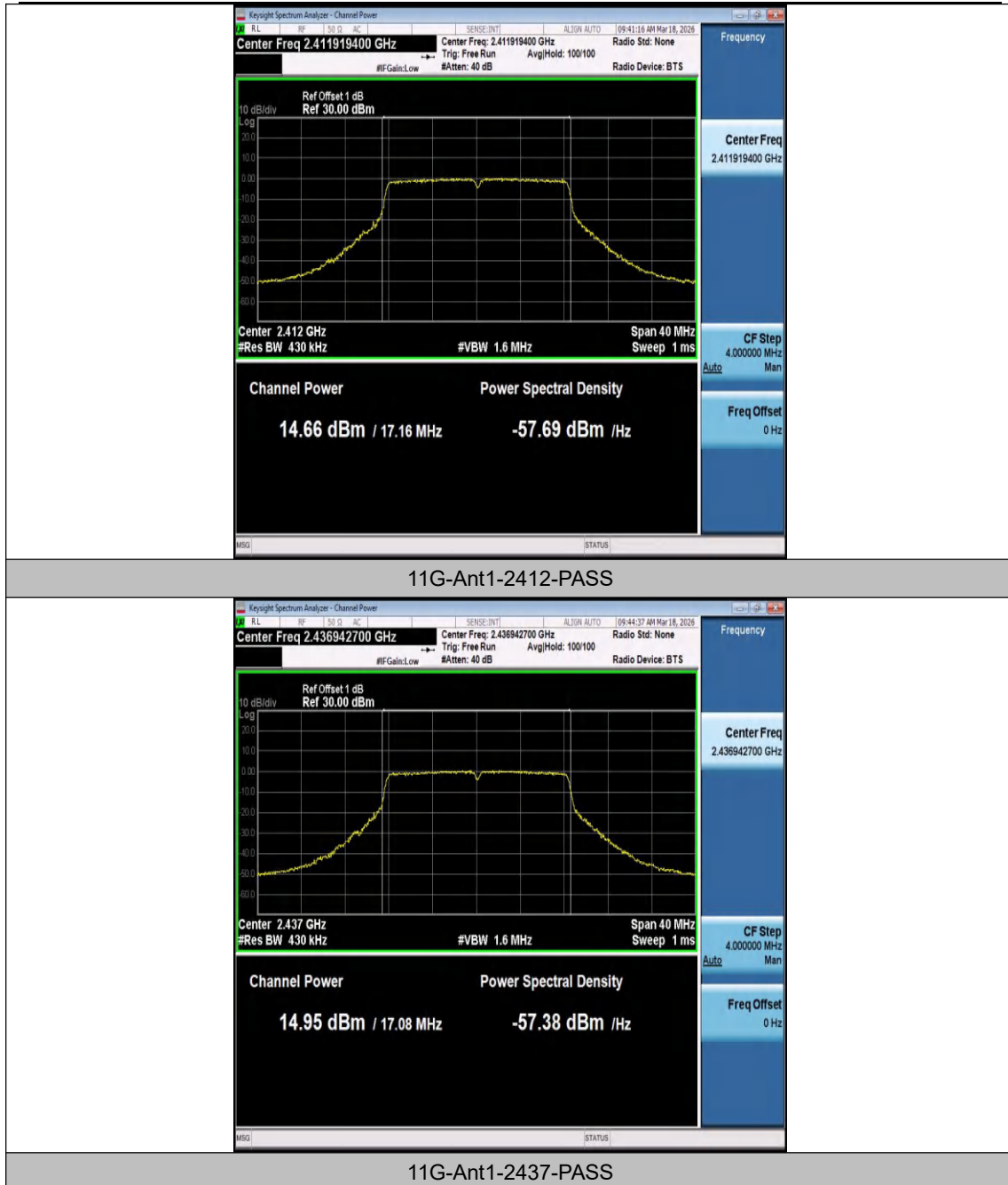
Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	14.48	≤30.00	PASS
11B	Ant1	2437	14.77	≤30.00	PASS
11B	Ant1	2462	15.01	≤30.00	PASS
11G	Ant1	2412	14.66	≤30.00	PASS
11G	Ant1	2437	14.95	≤30.00	PASS
11G	Ant1	2462	15.22	≤30.00	PASS
11N20SISO	Ant1	2412	14.52	≤30.00	PASS
11N20SISO	Ant1	2437	14.88	≤30.00	PASS
11N20SISO	Ant1	2462	15.15	≤30.00	PASS

Note: The cable loss are compensated in the graph.

Test Graphs Average



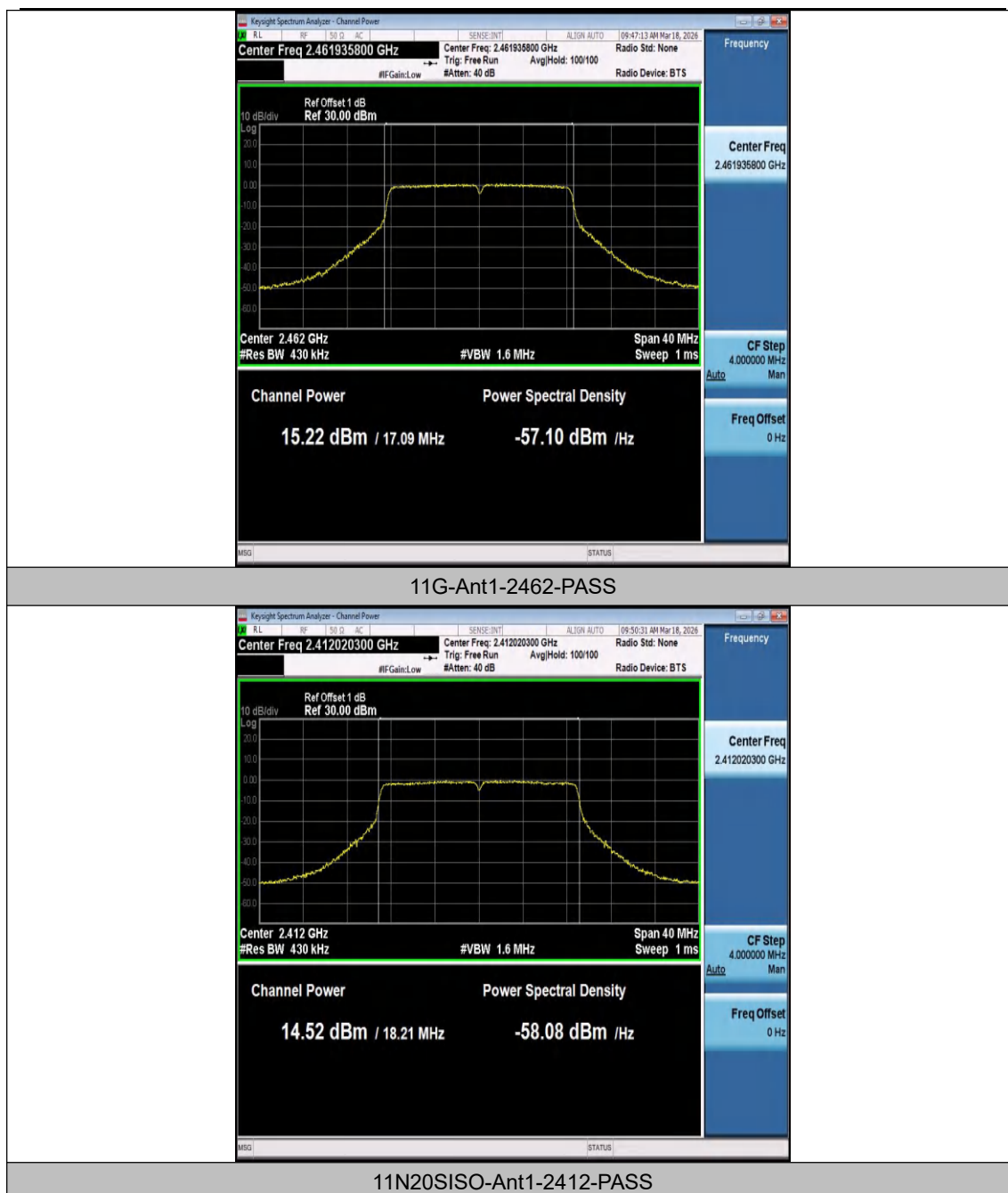


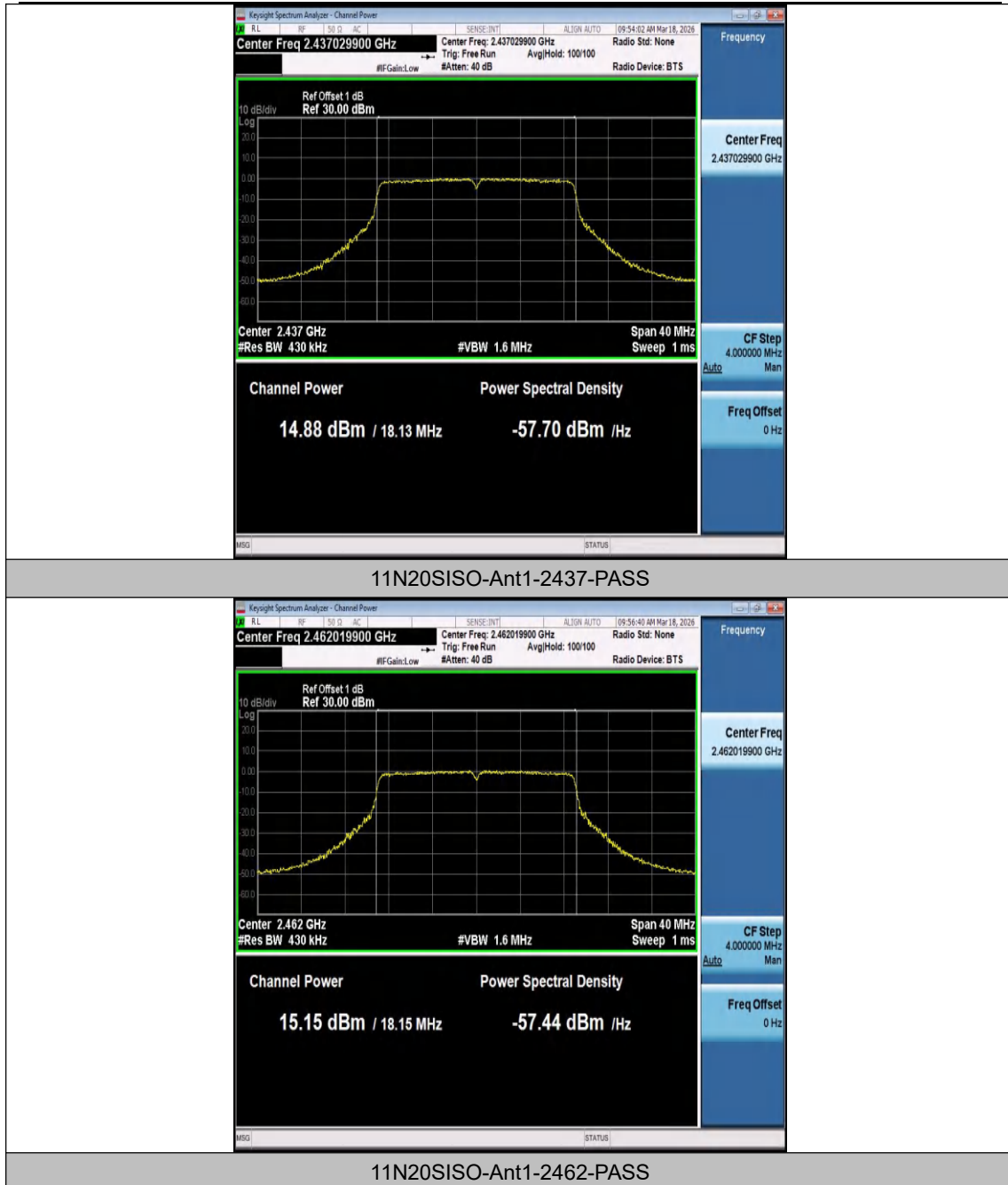


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Appendix D: Maximum power spectral density

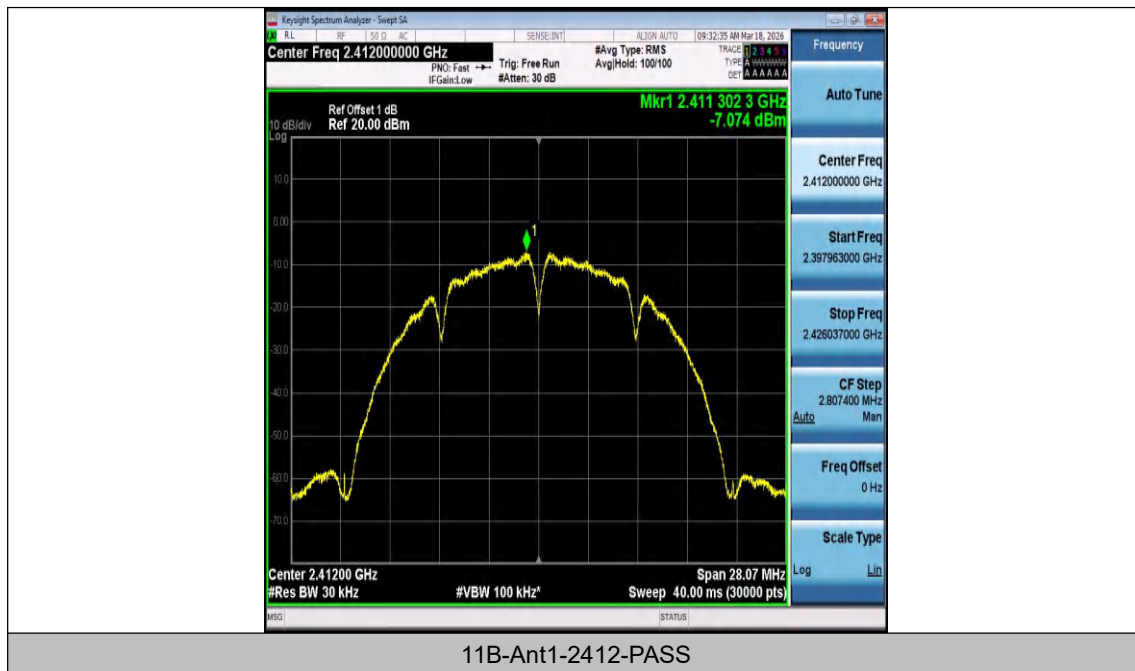
Test Result

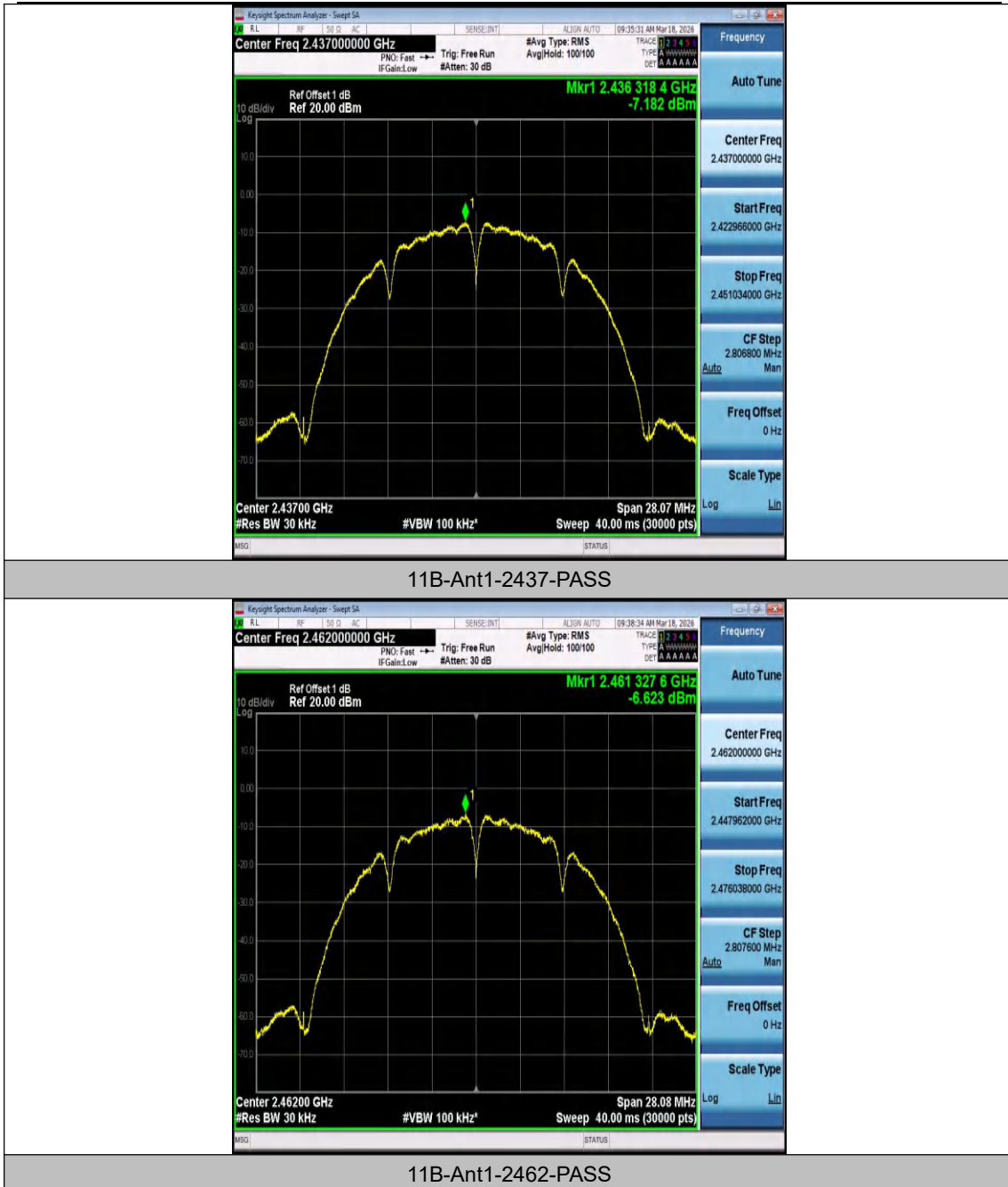
Test Mode	Antenna	Frequency[MHz]	Result[dBm/30kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-7.07	≤8.00	PASS
11B	Ant1	2437	-7.18	≤8.00	PASS
11B	Ant1	2462	-6.62	≤8.00	PASS
11G	Ant1	2412	-9.98	≤8.00	PASS
11G	Ant1	2437	-9.20	≤8.00	PASS
11G	Ant1	2462	-9.17	≤8.00	PASS
11N20SISO	Ant1	2412	-9.96	≤8.00	PASS
11N20SISO	Ant1	2437	-9.86	≤8.00	PASS
11N20SISO	Ant1	2462	-9.51	≤8.00	PASS

Note:

1. The cable loss are compensated in the graph.

Test Graphs

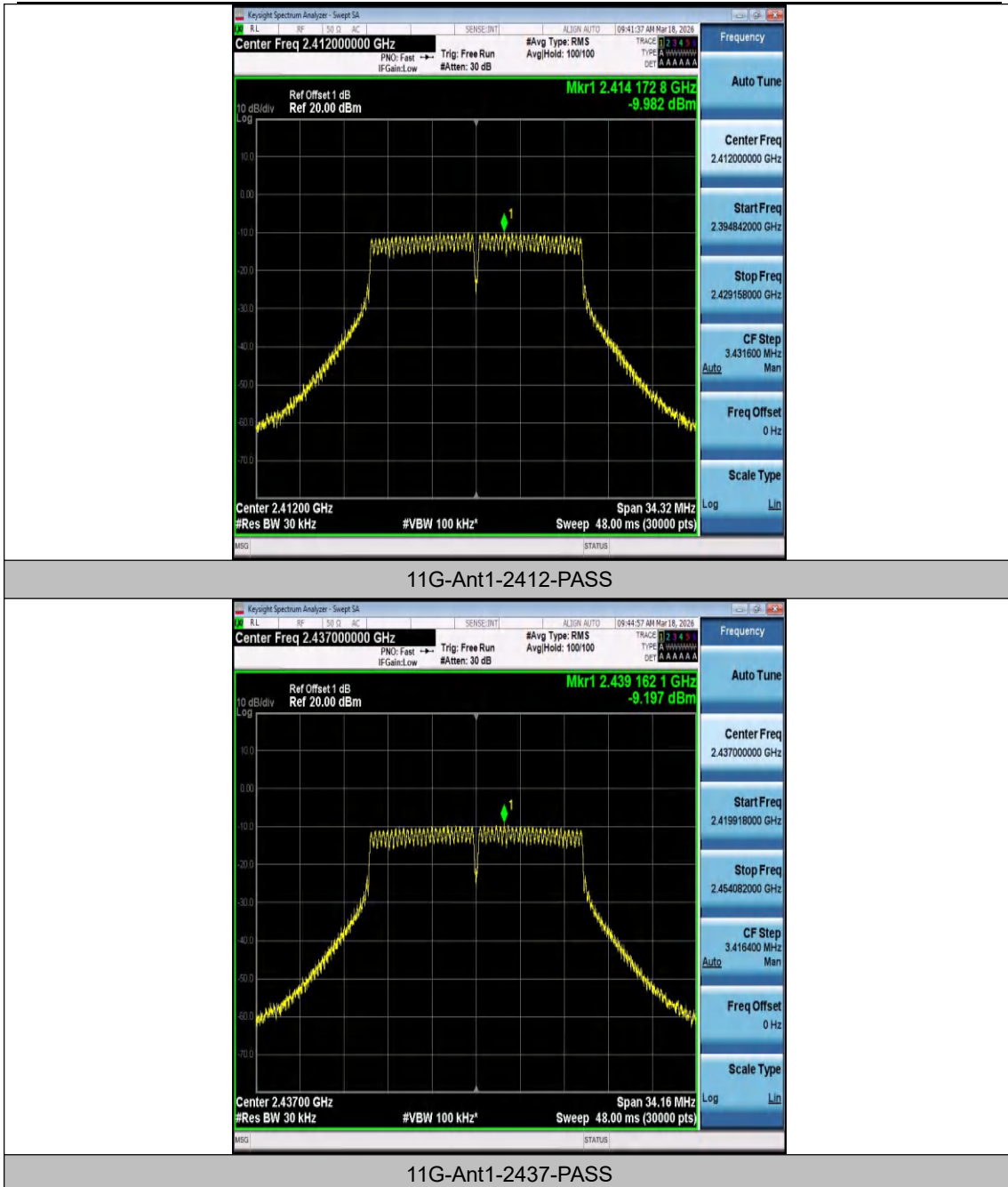




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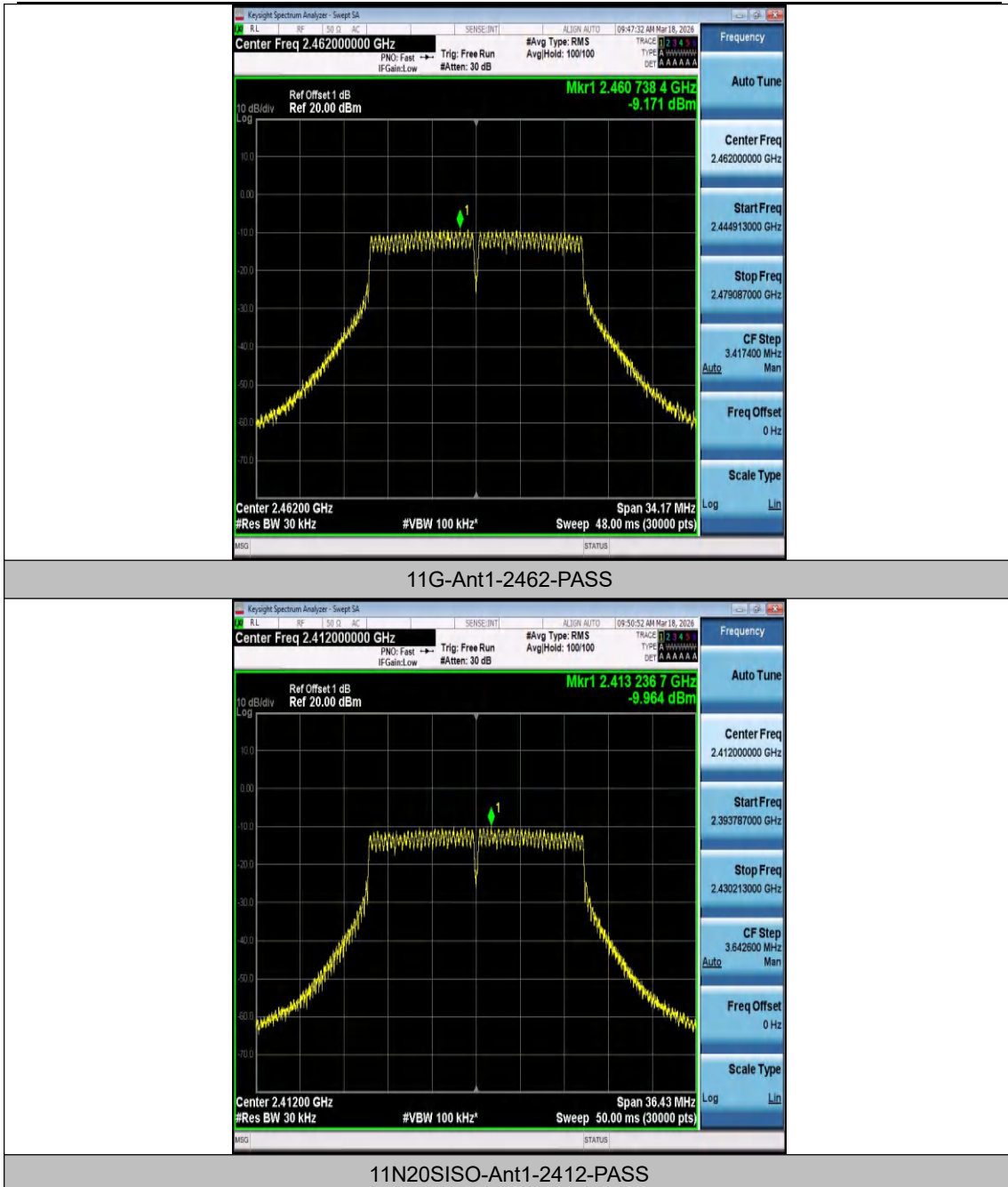
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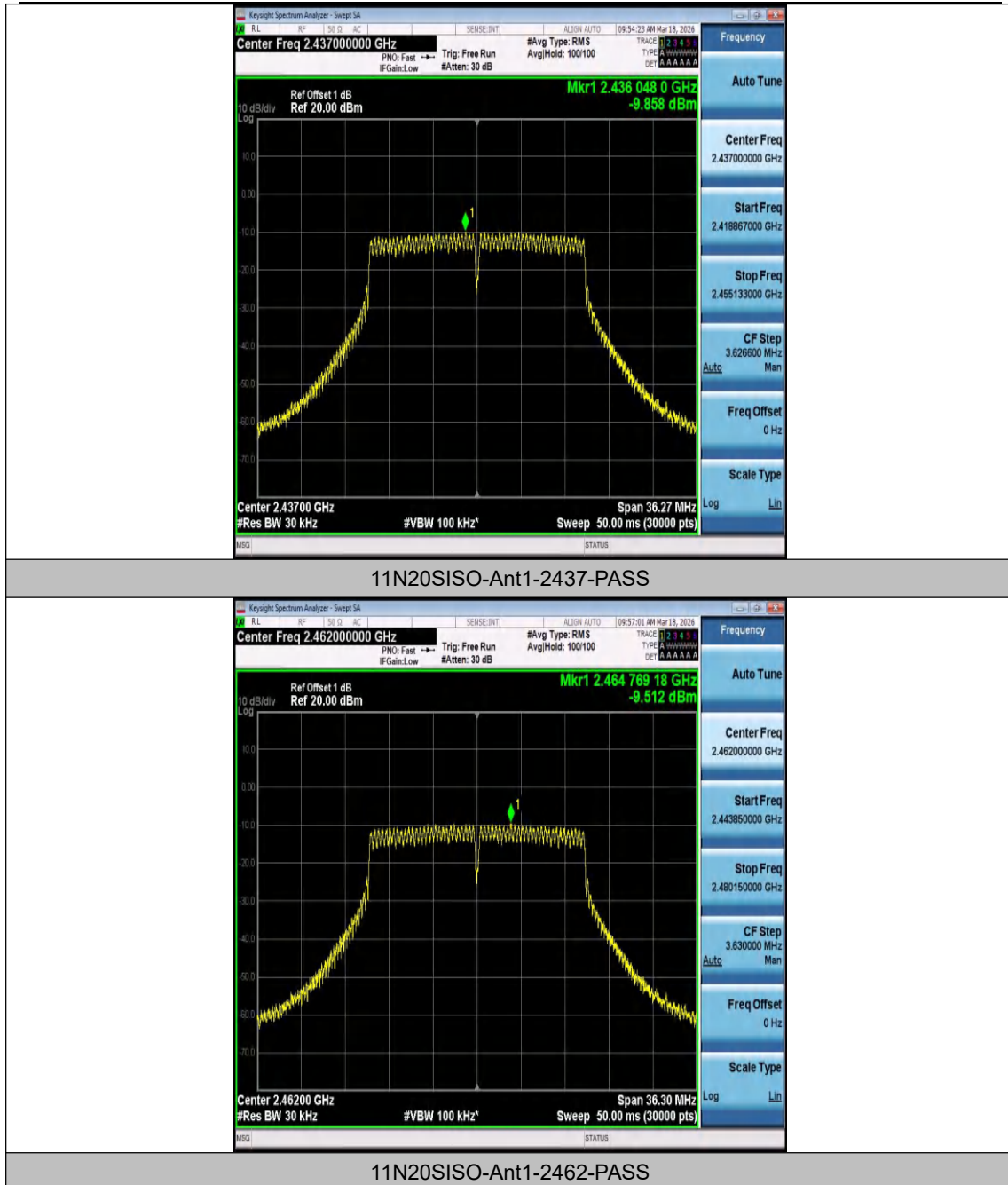
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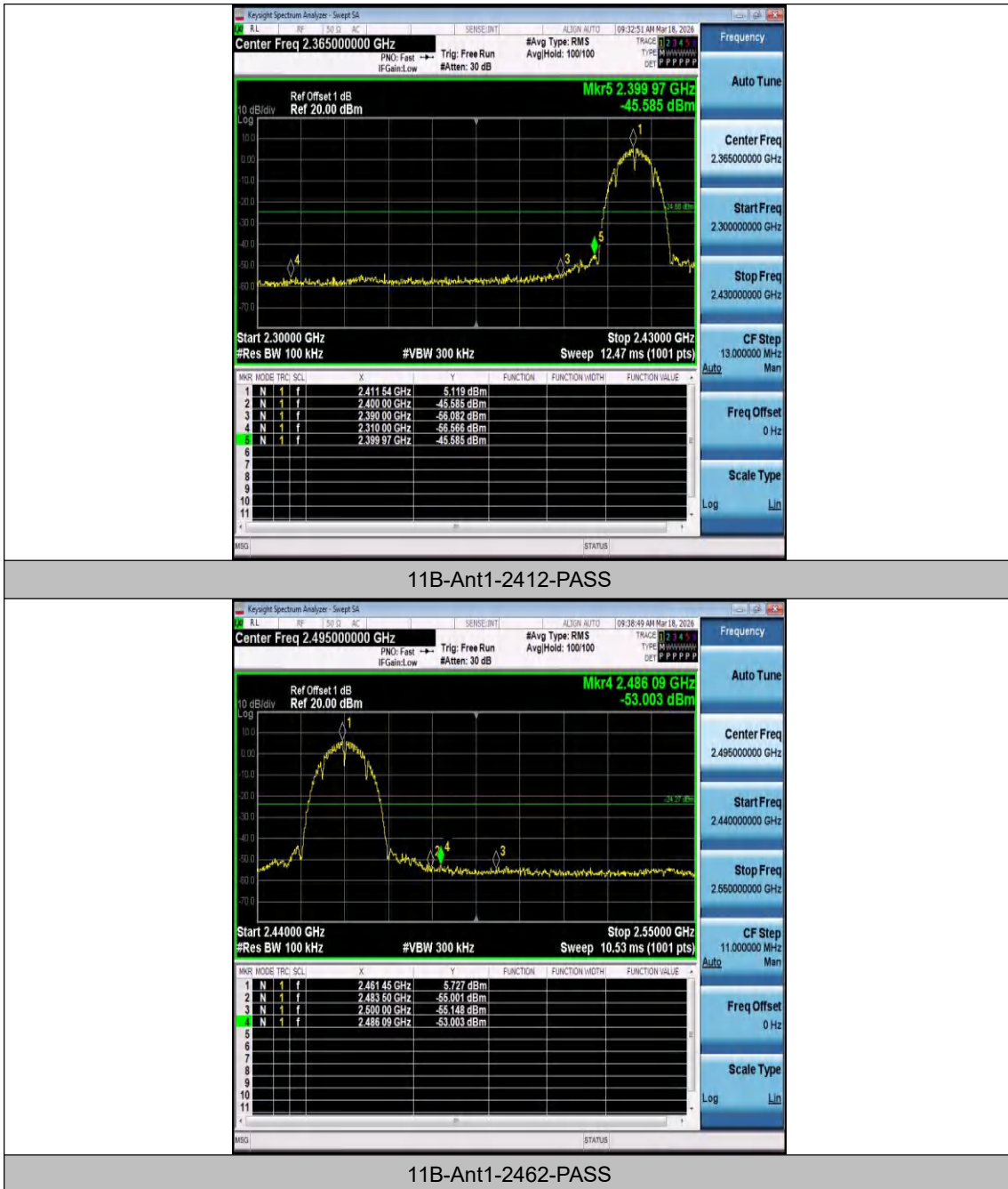
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Appendix E: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.12	-45.59	≤-24.88	PASS
11B	Ant1	High	2462	5.73	-53	≤-24.27	PASS
11G	Ant1	Low	2412	0.43	-32.44	≤-29.57	PASS
11G	Ant1	High	2462	1.03	-49.81	≤-28.97	PASS
11N20SISO	Ant1	Low	2412	0.31	-31.76	≤-29.69	PASS
11N20SISO	Ant1	High	2462	1.50	-49.31	≤-28.5	PASS

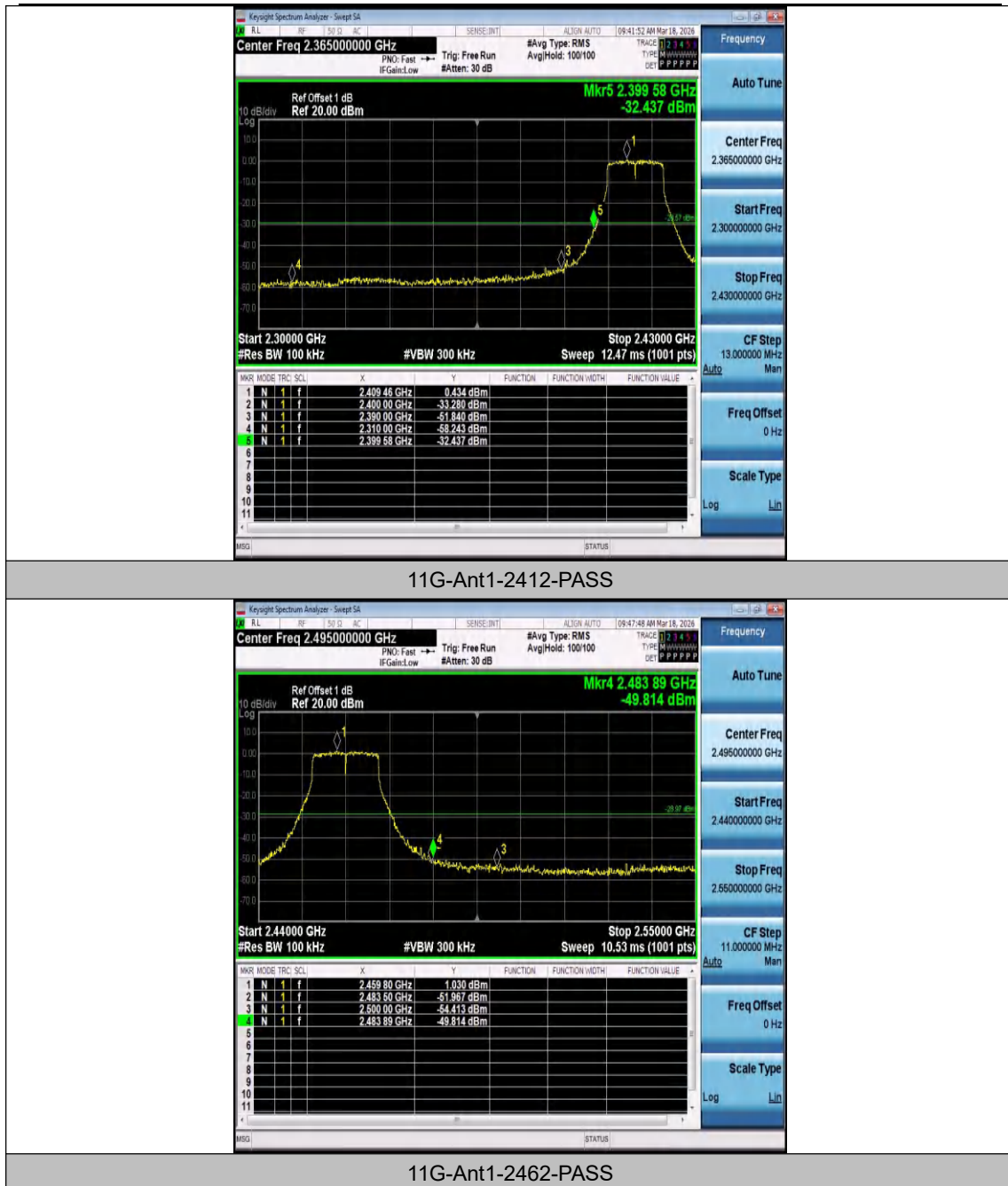
Test Graphs

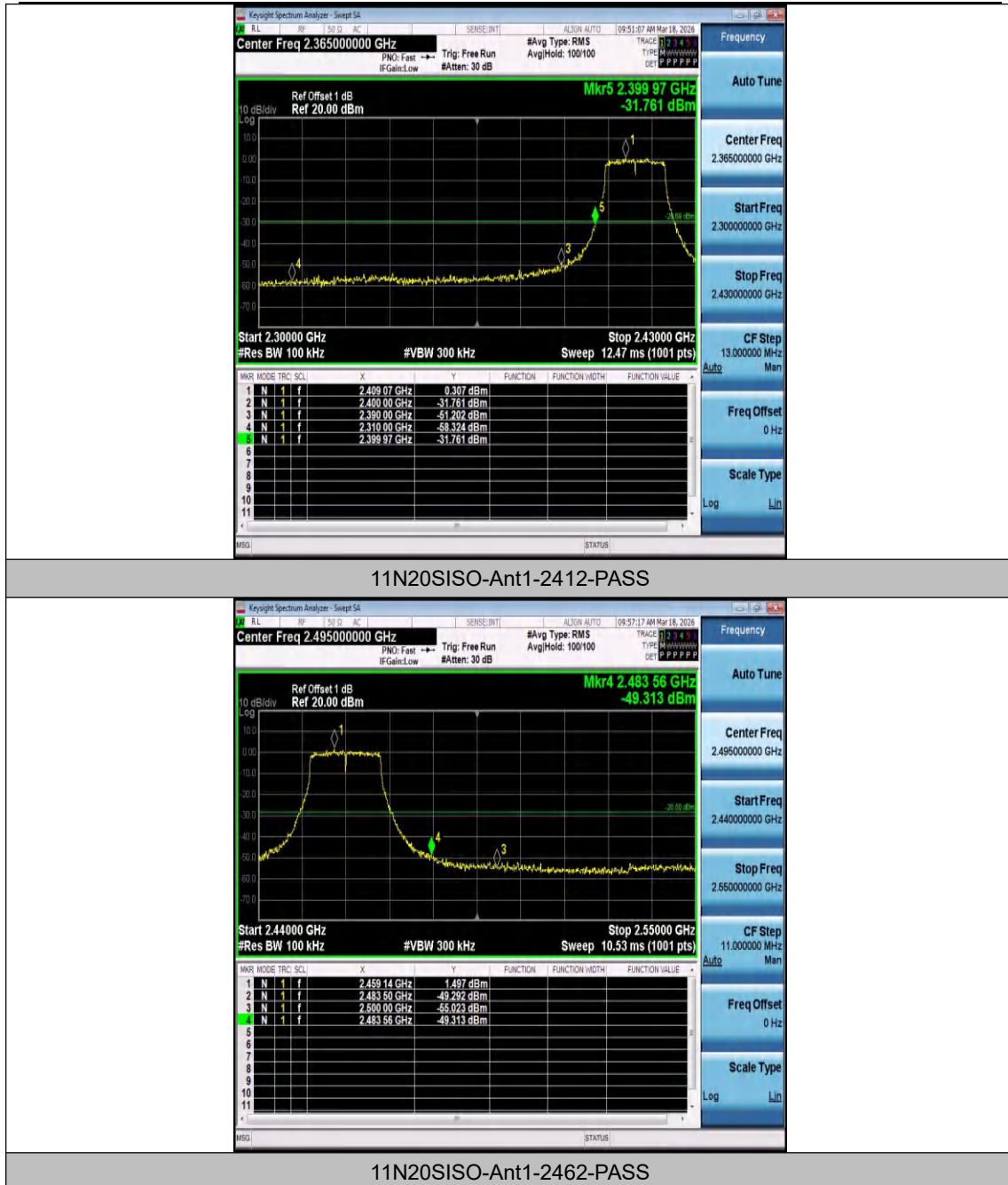


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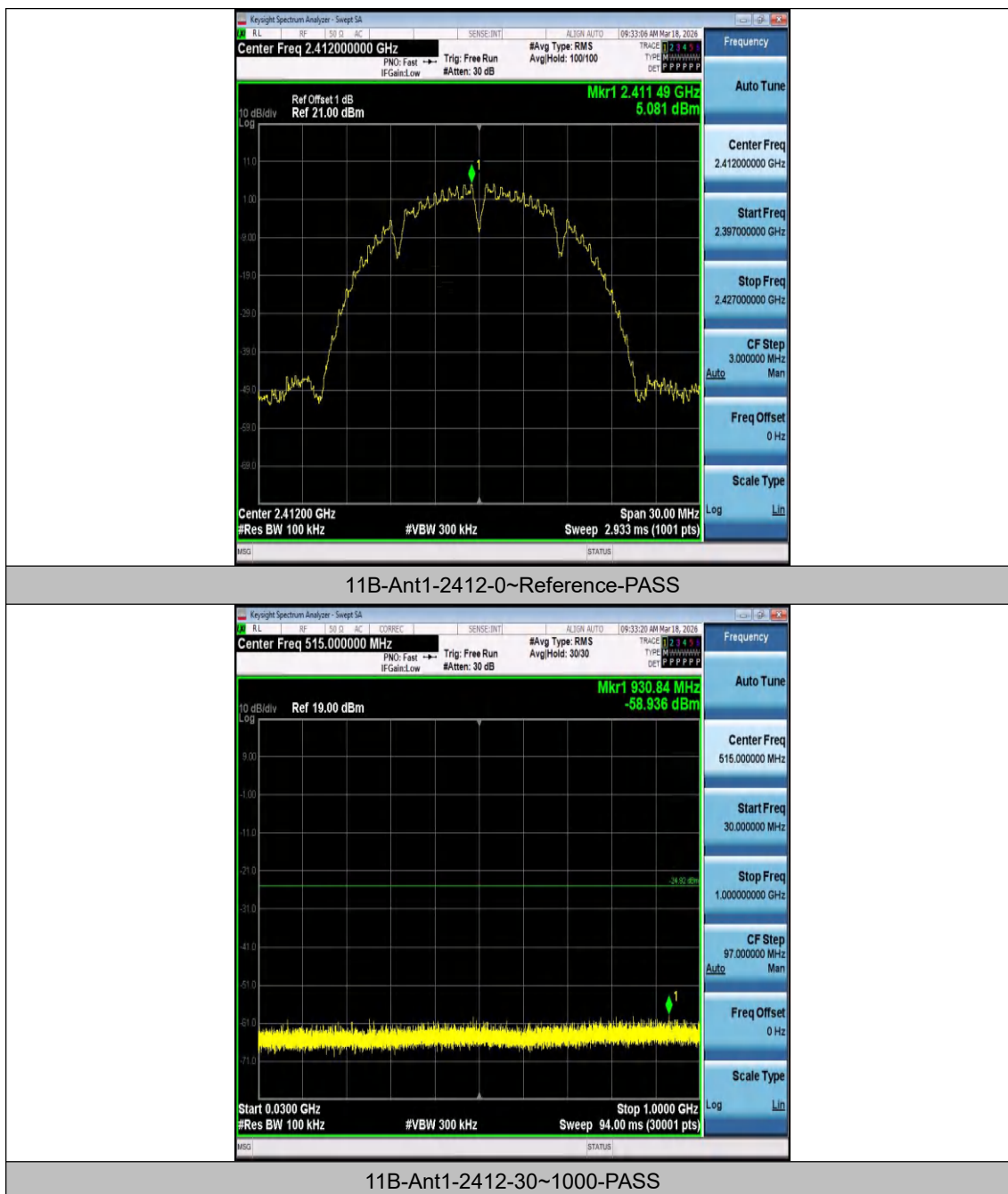
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	5.08	5.08	---	PASS
11B	Ant1	2412	30~1000	5.08	-58.94	≤-24.92	PASS
11B	Ant1	2412	1000~26500	5.08	-48.77	≤-24.92	PASS
11B	Ant1	2437	0~Reference	5.36	5.36	---	PASS
11B	Ant1	2437	30~1000	5.36	-58.95	≤-24.64	PASS
11B	Ant1	2437	1000~26500	5.36	-49.24	≤-24.64	PASS
11B	Ant1	2462	0~Reference	5.64	5.64	---	PASS
11B	Ant1	2462	30~1000	5.64	-58.65	≤-24.36	PASS
11B	Ant1	2462	1000~26500	5.64	-49.24	≤-24.36	PASS
11G	Ant1	2412	0~Reference	0.51	0.51	---	PASS
11G	Ant1	2412	30~1000	0.51	-59.24	≤-29.49	PASS
11G	Ant1	2412	1000~26500	0.51	-48.15	≤-29.49	PASS
11G	Ant1	2437	0~Reference	0.53	0.53	---	PASS
11G	Ant1	2437	30~1000	0.53	-58.82	≤-29.47	PASS
11G	Ant1	2437	1000~26500	0.53	-49.38	≤-29.47	PASS
11G	Ant1	2462	0~Reference	1.05	1.05	---	PASS
11G	Ant1	2462	30~1000	1.05	-58.41	≤-28.95	PASS
11G	Ant1	2462	1000~26500	1.05	-48.28	≤-28.95	PASS
11N20SISO	Ant1	2412	0~Reference	0.25	0.25	---	PASS
11N20SISO	Ant1	2412	30~1000	0.25	-59.29	≤-29.75	PASS
11N20SISO	Ant1	2412	1000~26500	0.25	-49.24	≤-29.75	PASS
11N20SISO	Ant1	2437	0~Reference	0.87	0.87	---	PASS
11N20SISO	Ant1	2437	30~1000	0.87	-59.55	≤-29.13	PASS
11N20SISO	Ant1	2437	1000~26500	0.87	-48.99	≤-29.13	PASS
11N20SISO	Ant1	2462	0~Reference	0.88	0.88	---	PASS
11N20SISO	Ant1	2462	30~1000	0.88	-59.03	≤-29.12	PASS
11N20SISO	Ant1	2462	1000~26500	0.88	-48.8	≤-29.12	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.

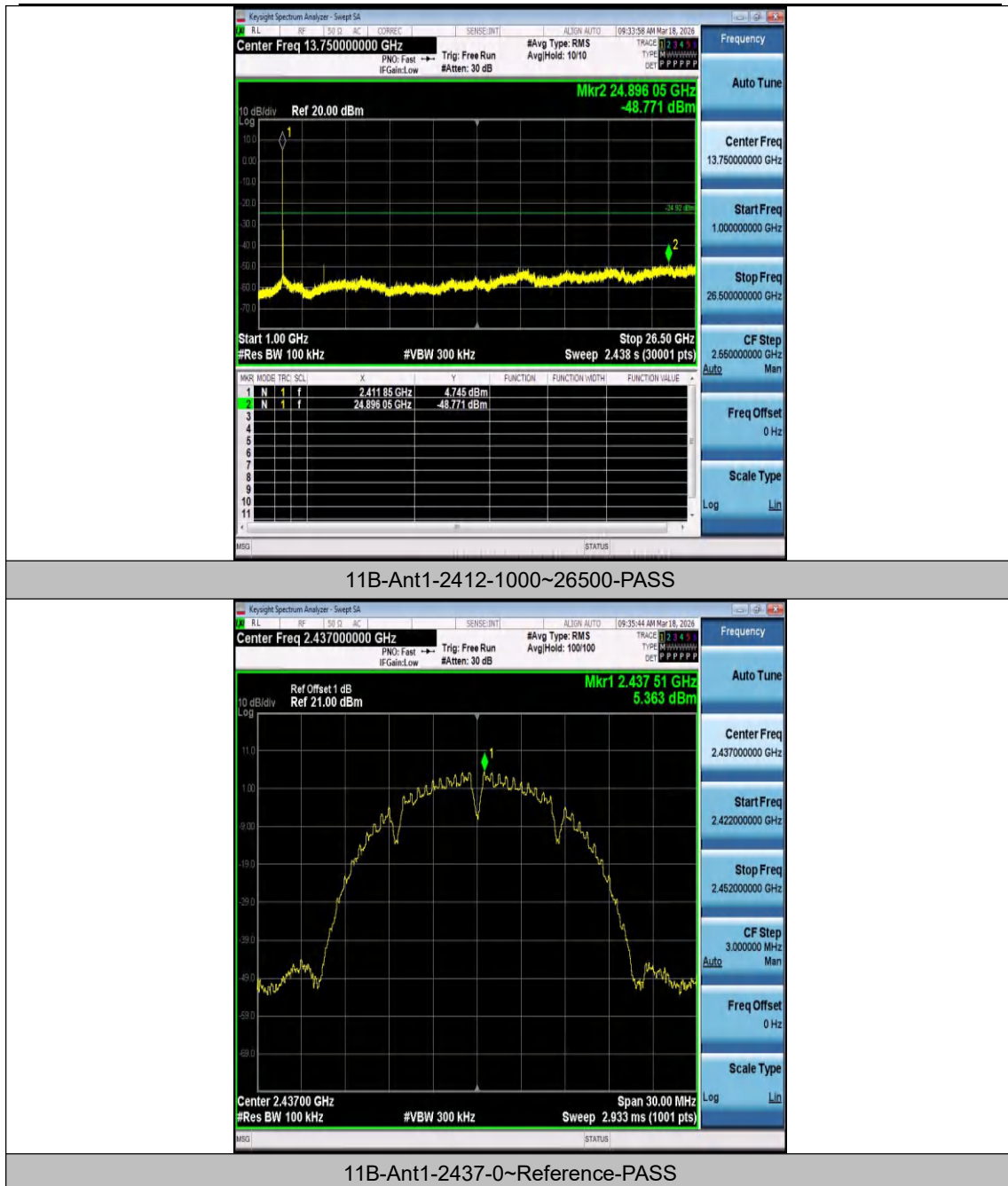
Test Graphs

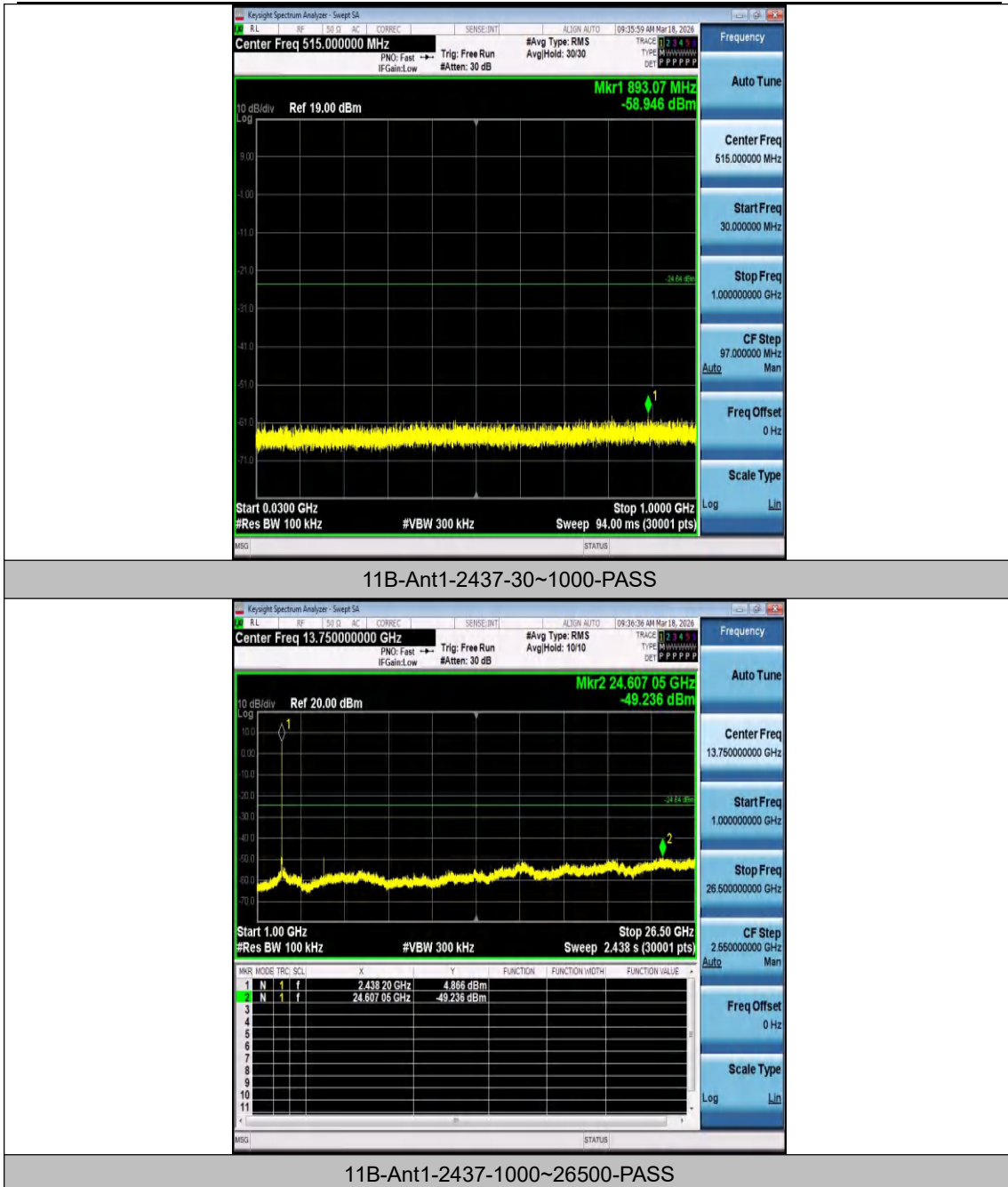


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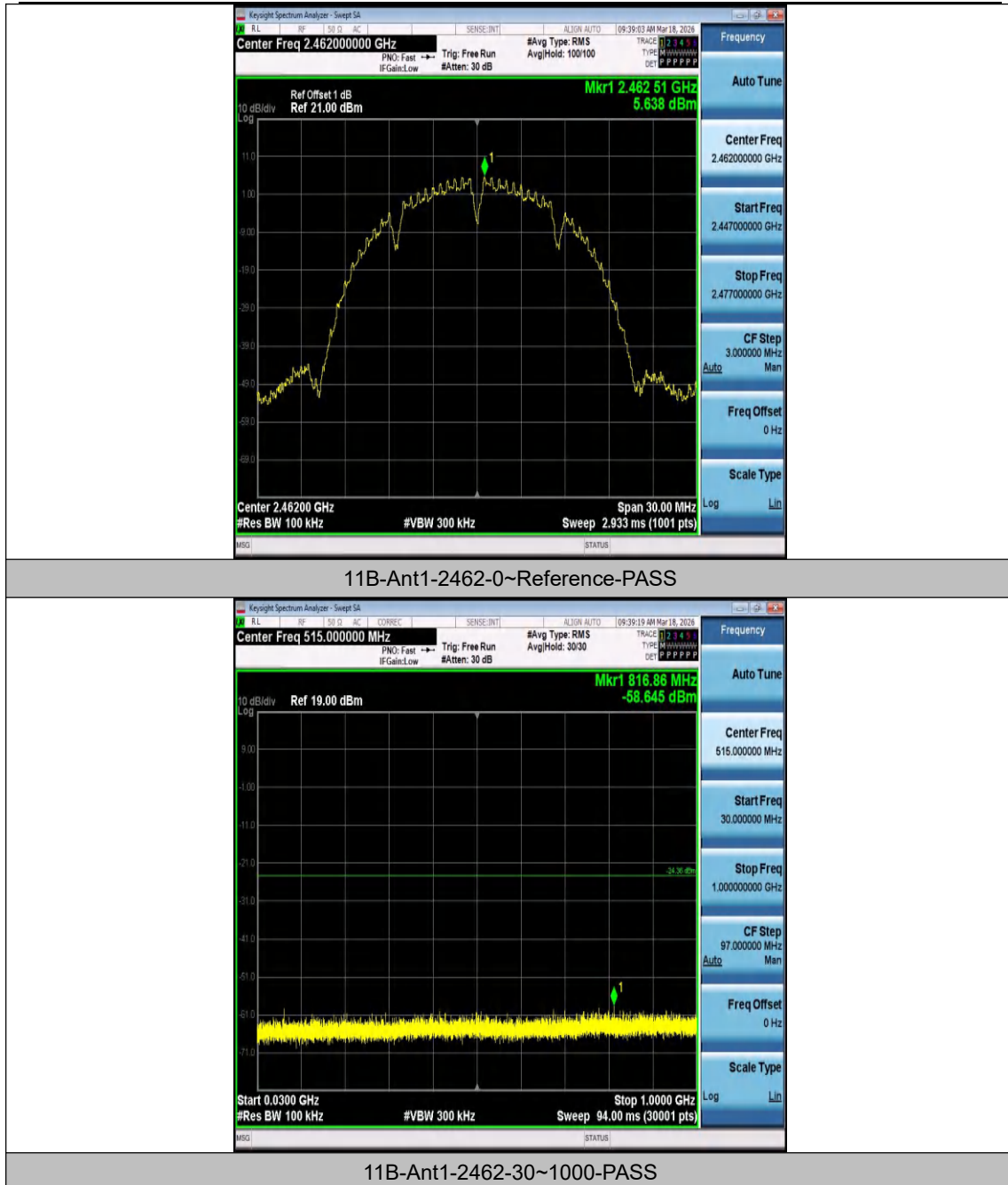




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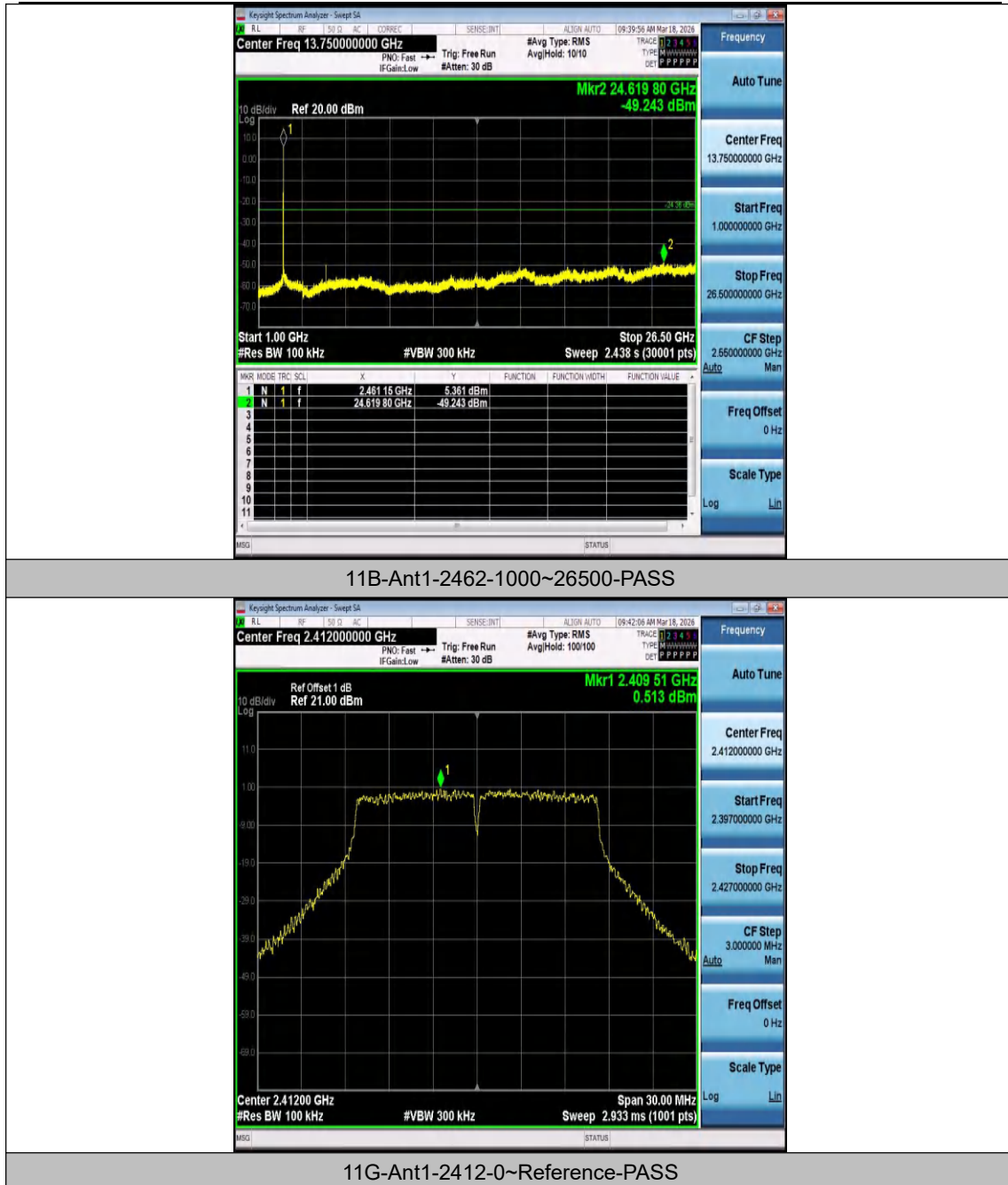
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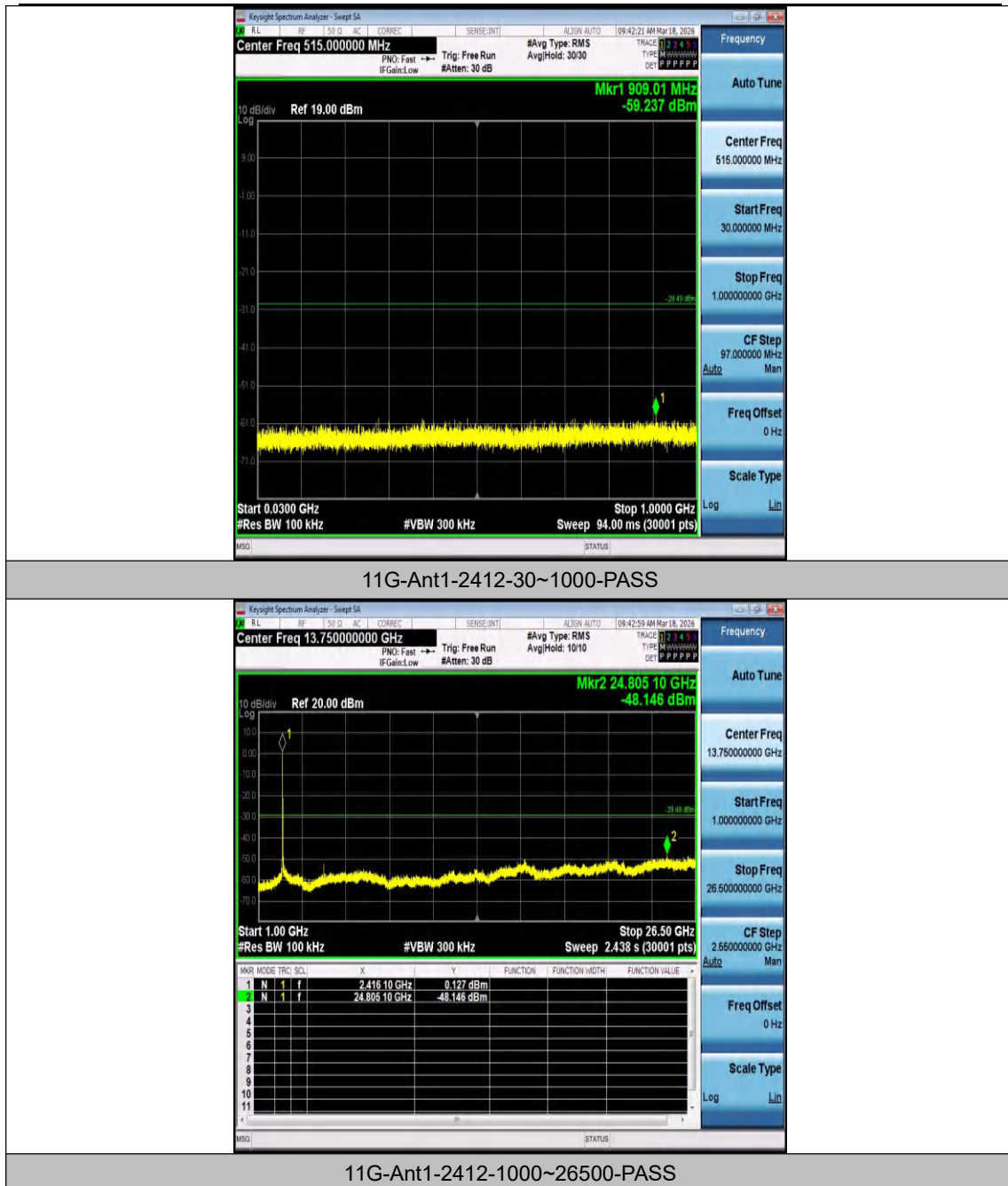
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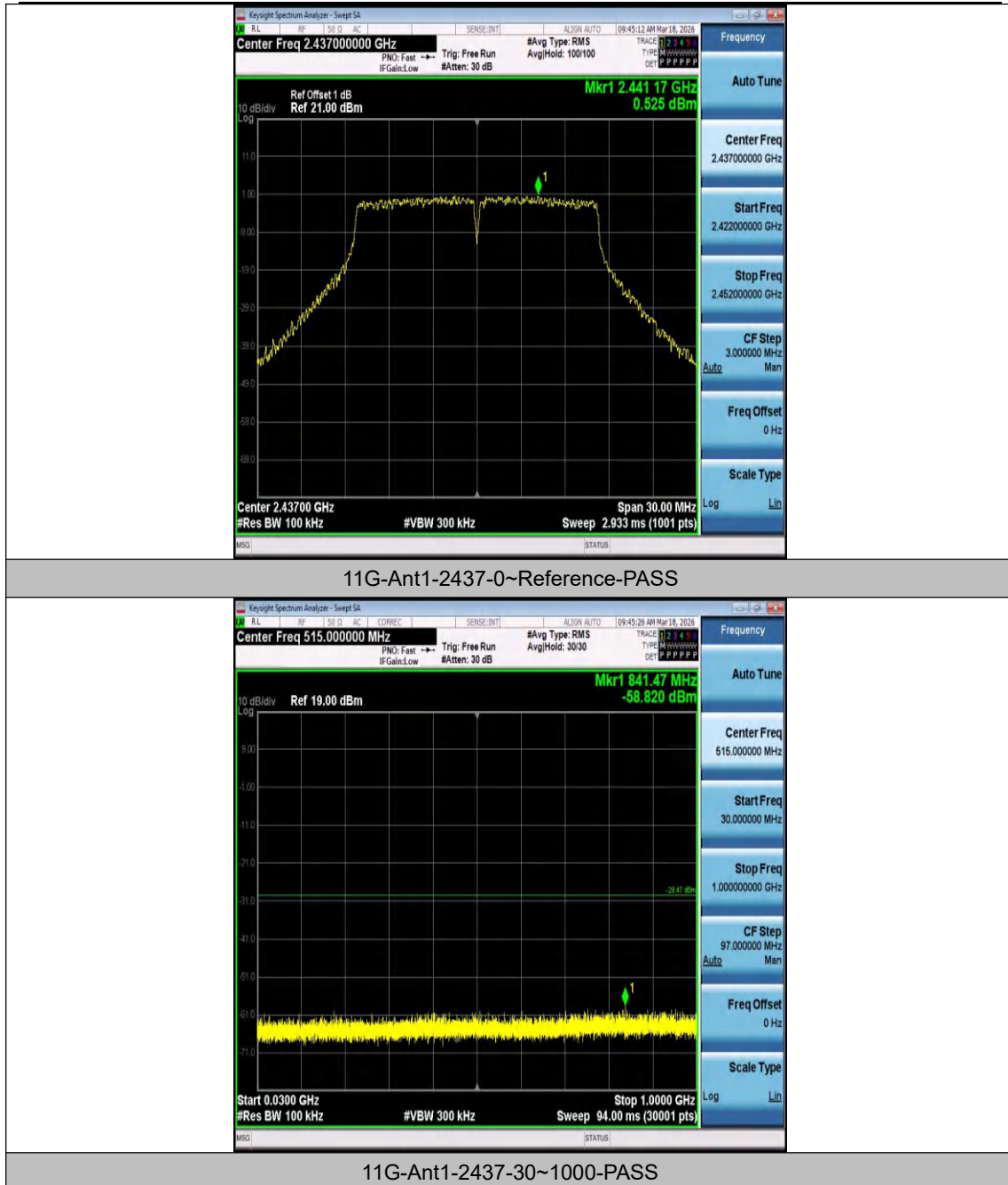


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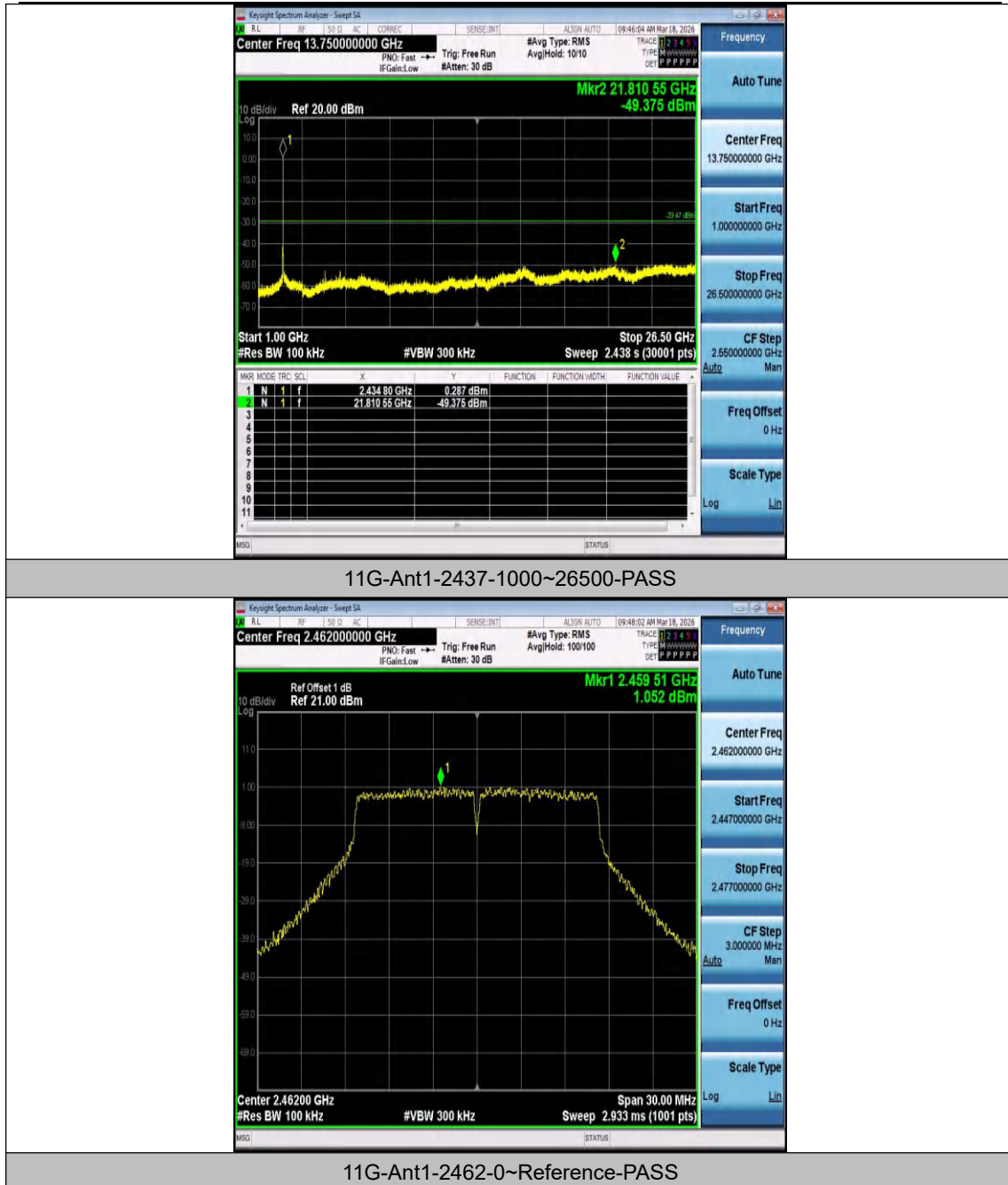




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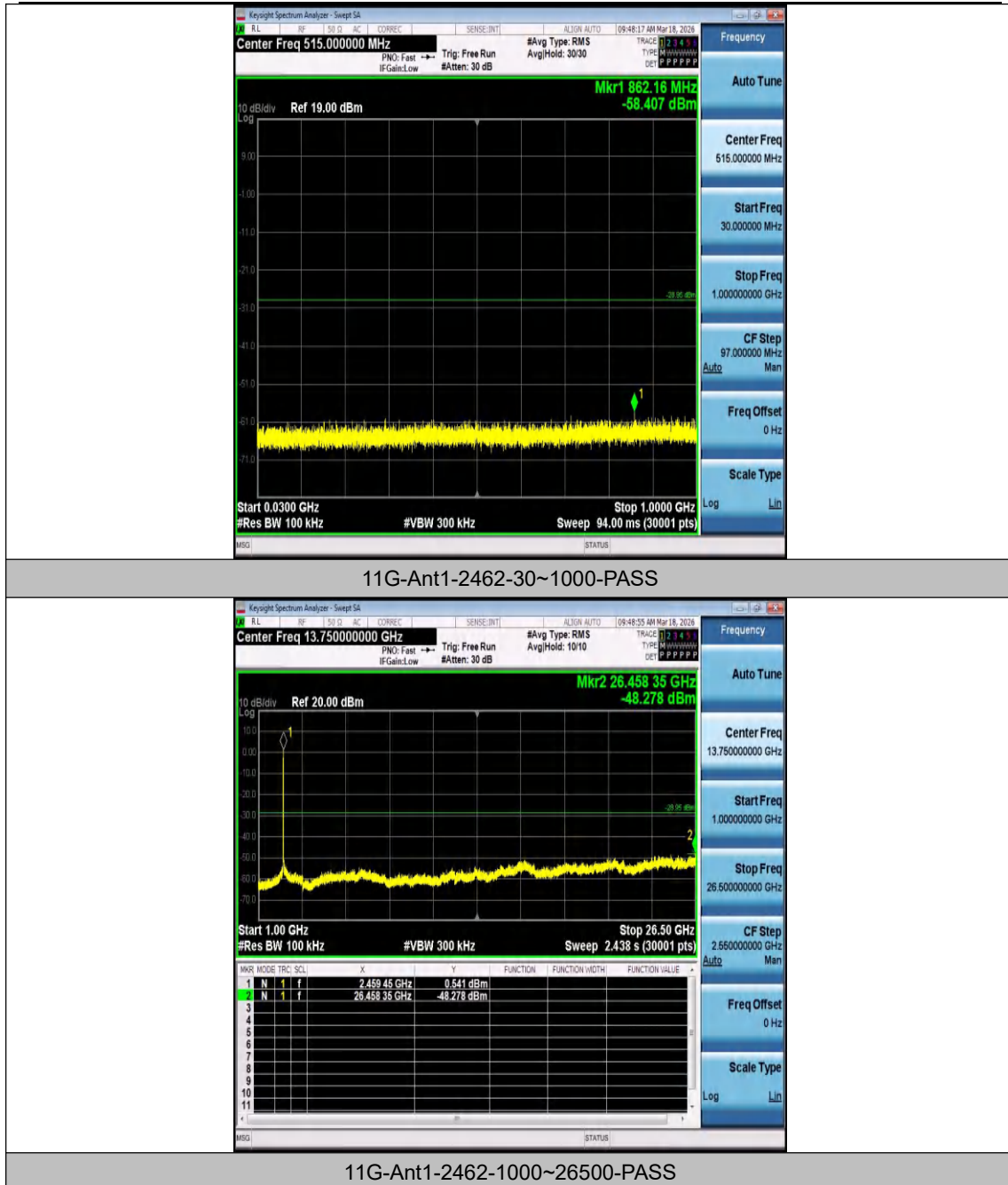
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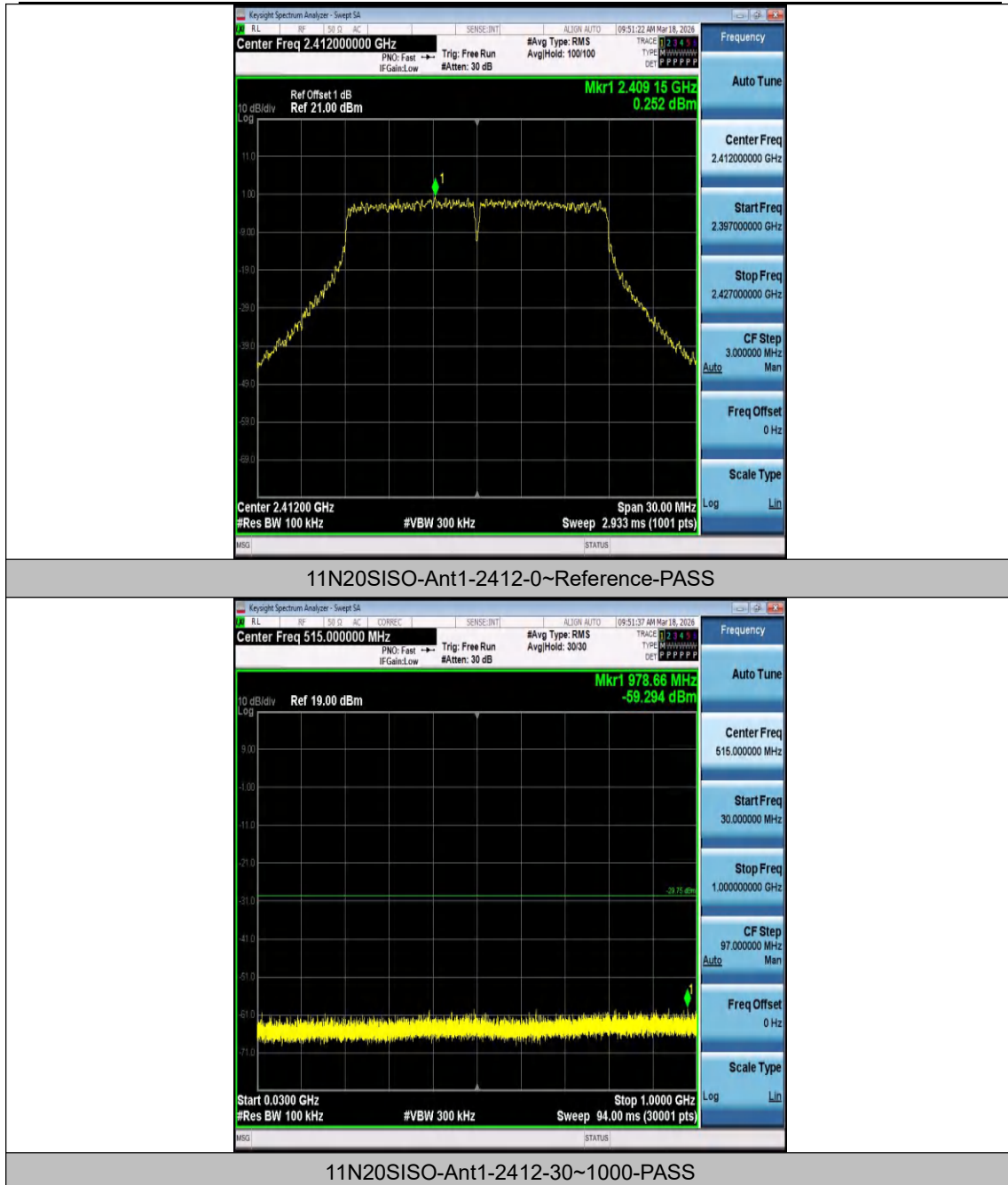
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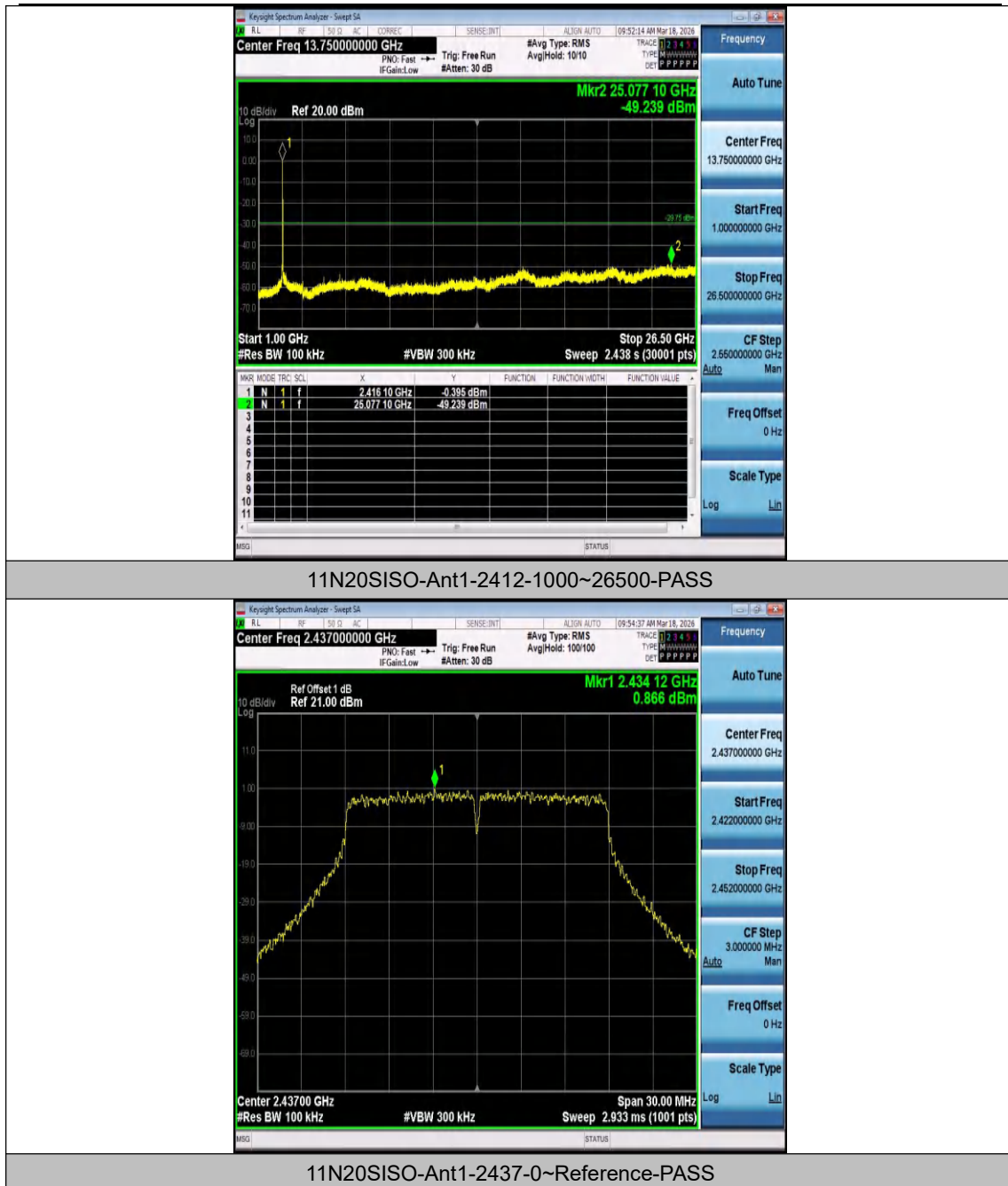
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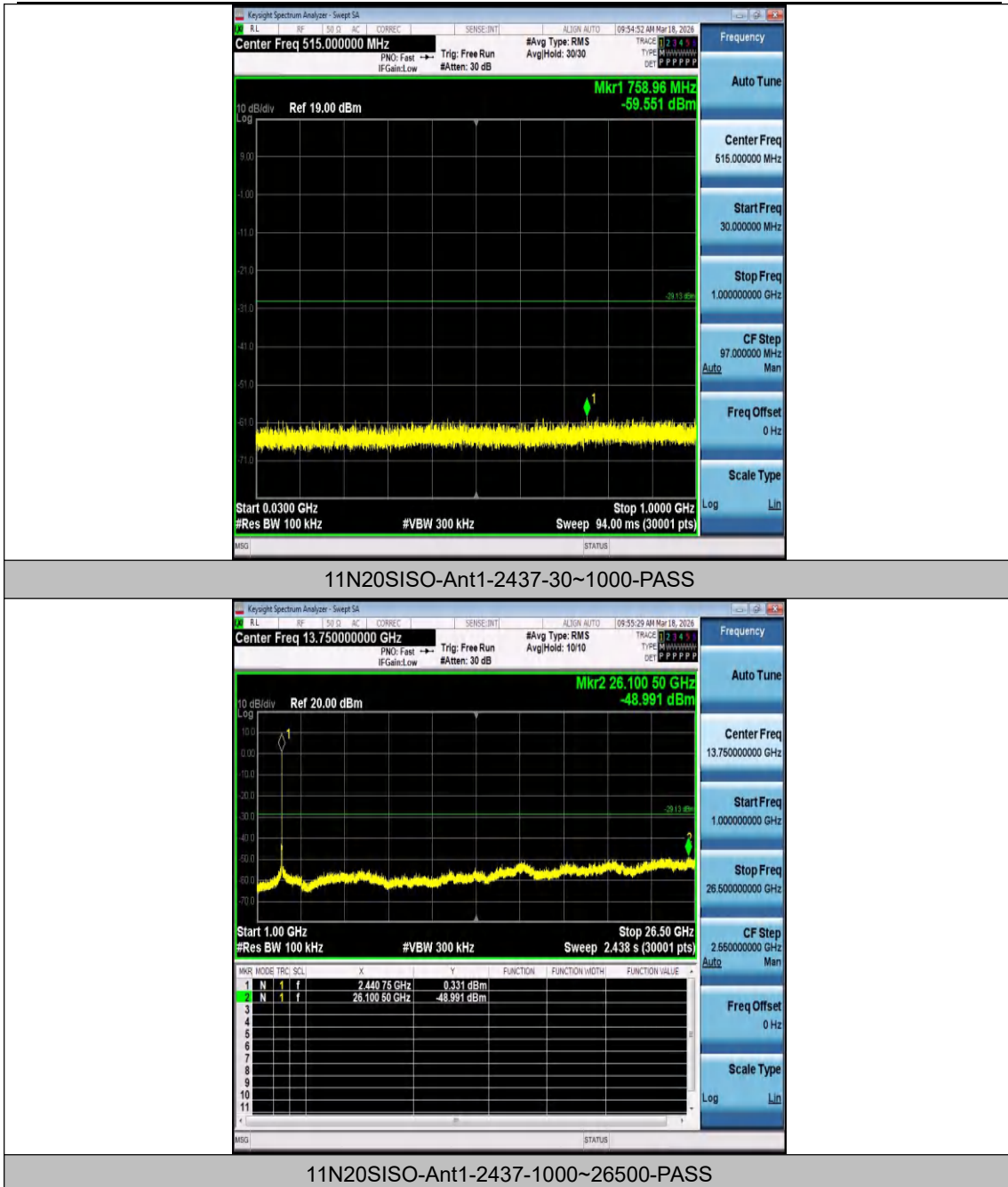


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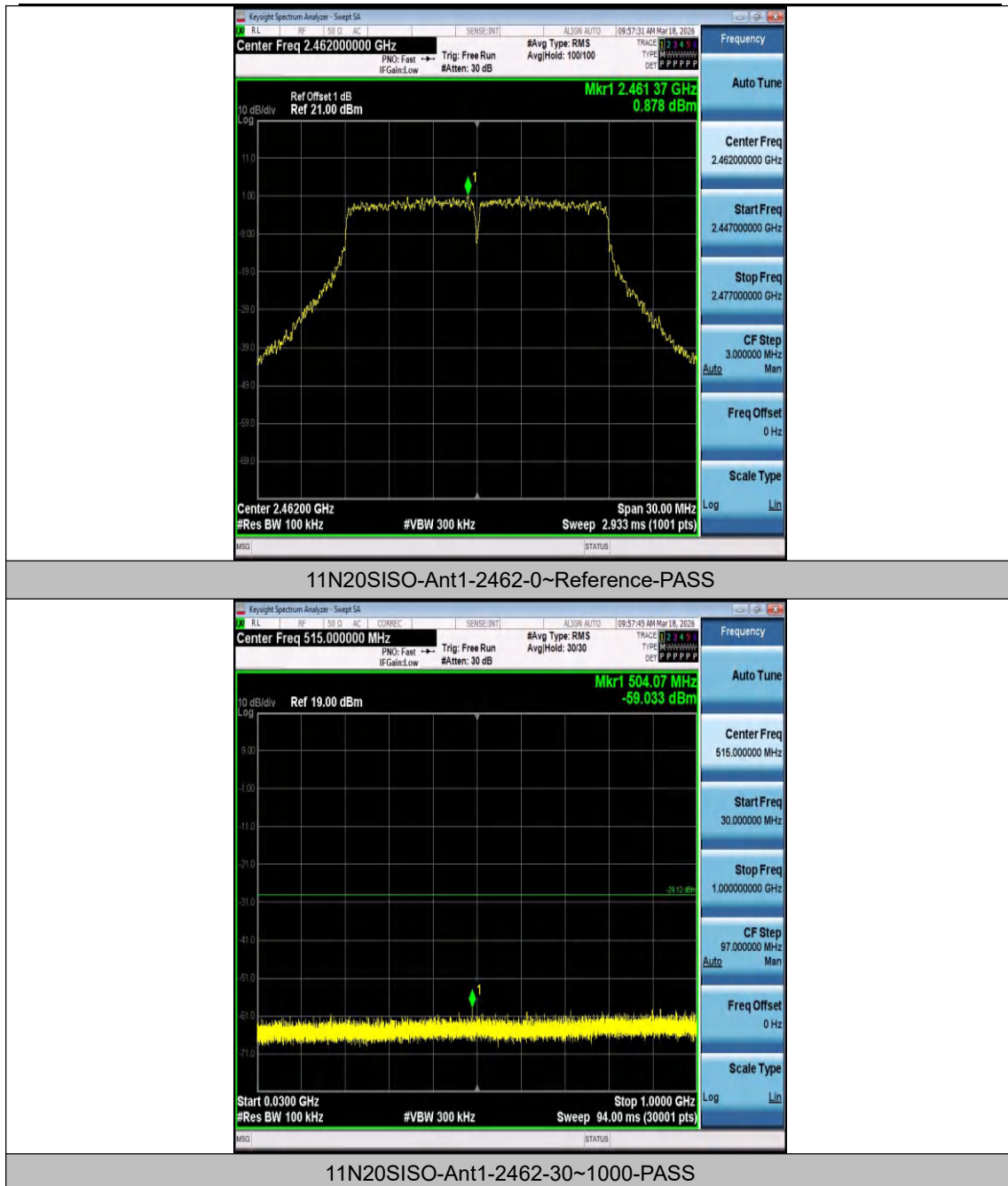




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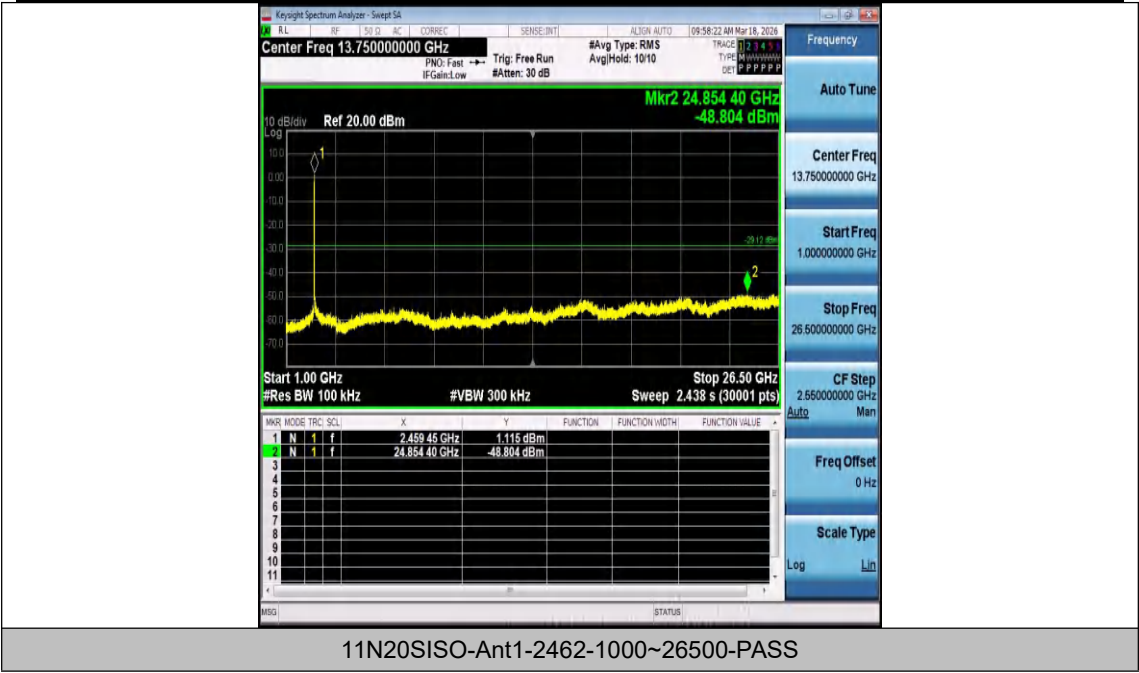
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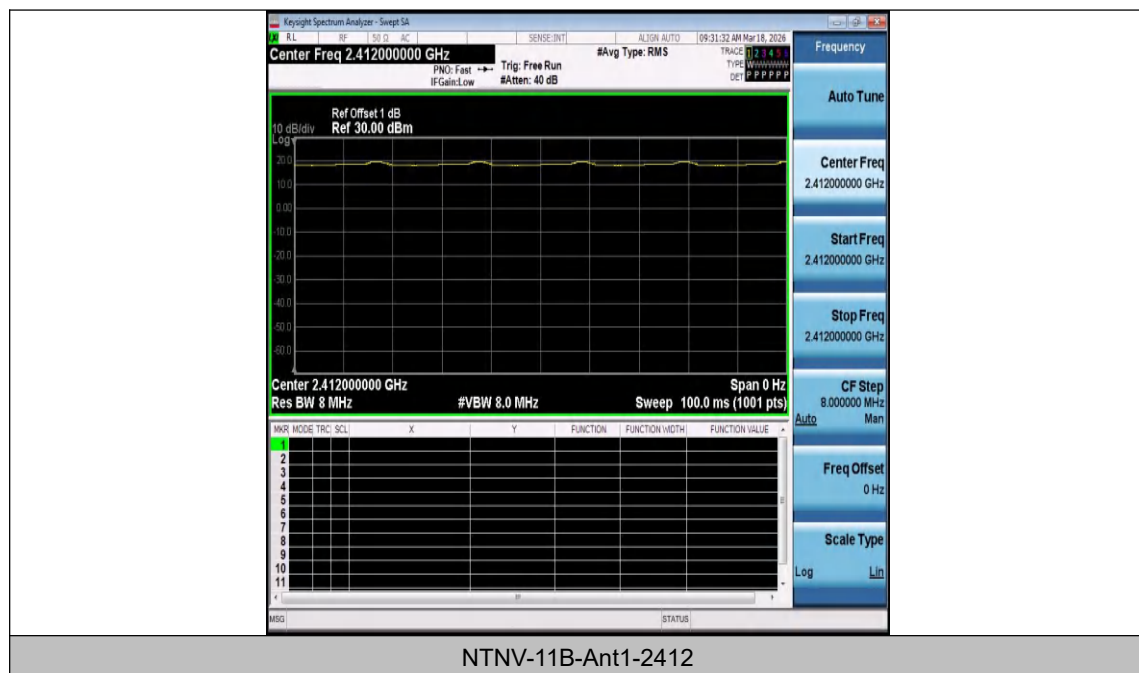
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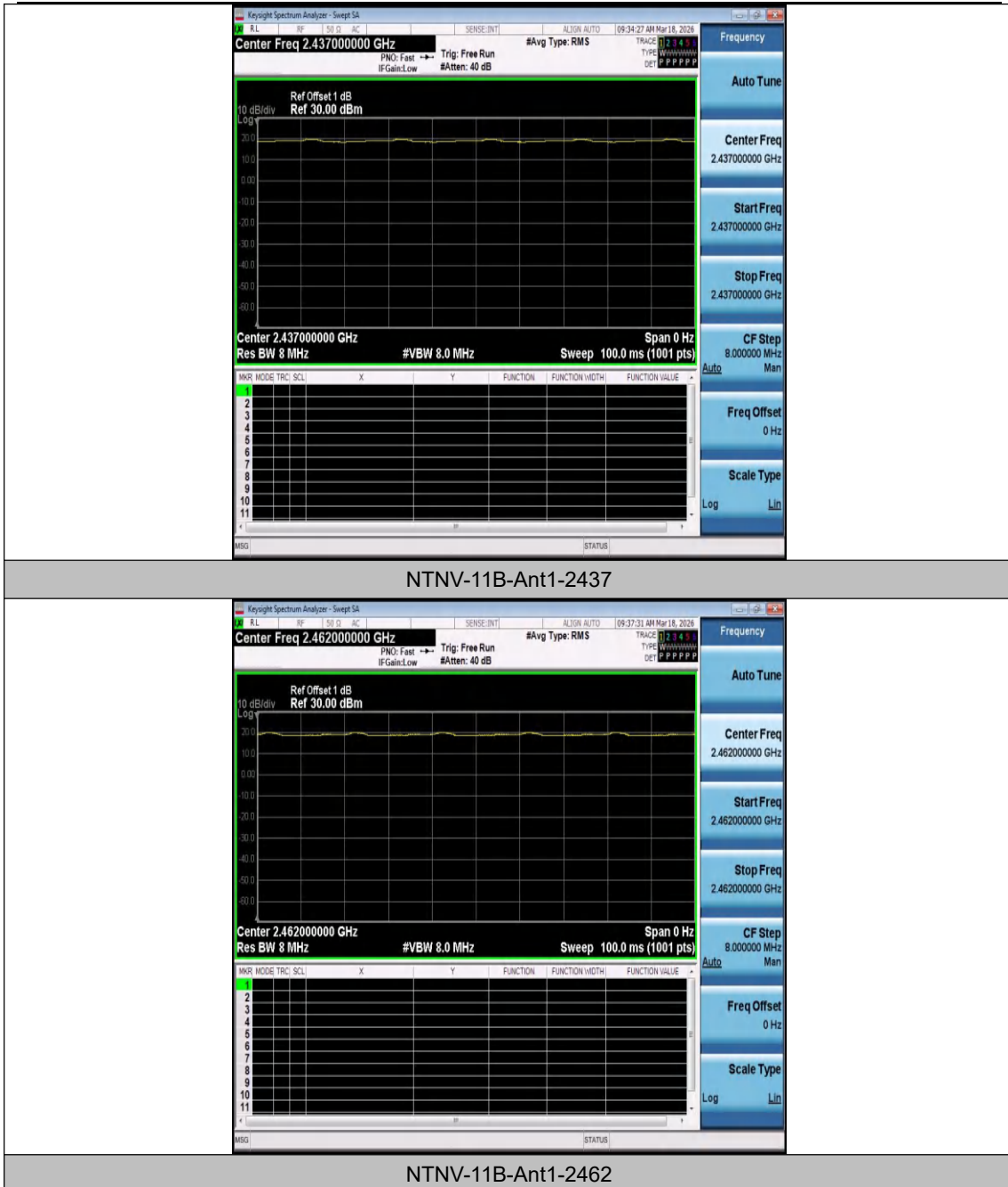
Appendix G: Duty Cycle

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

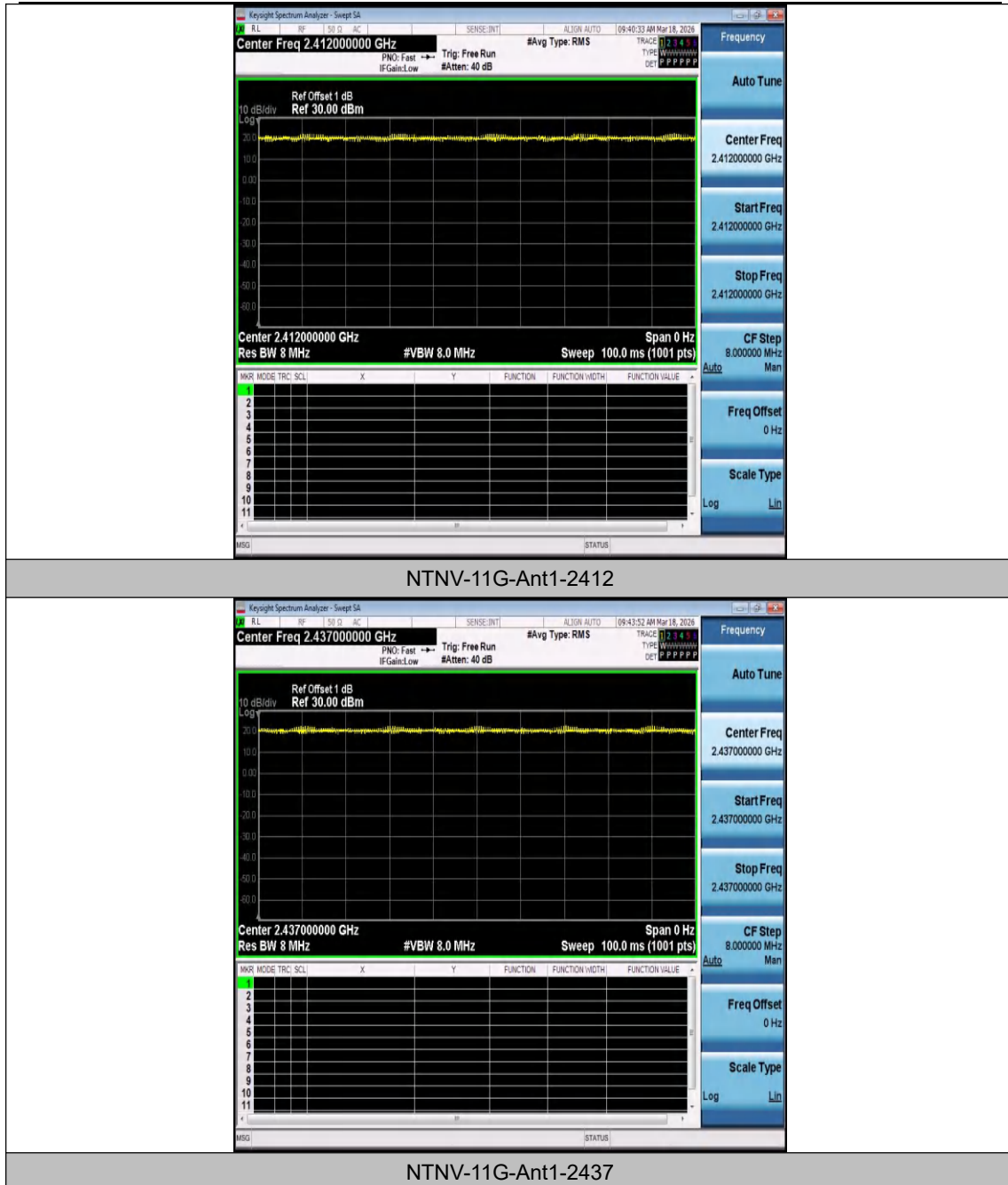




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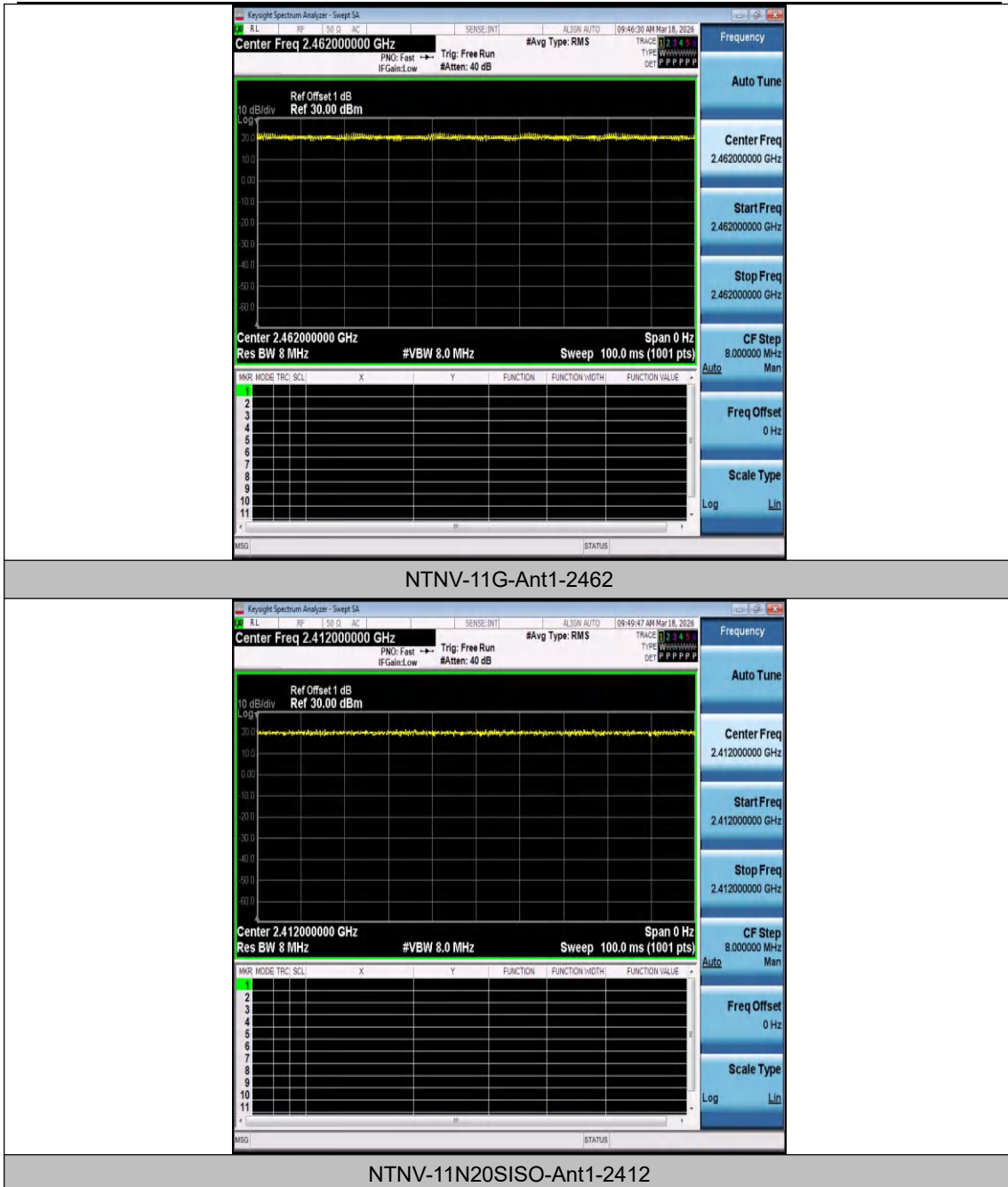
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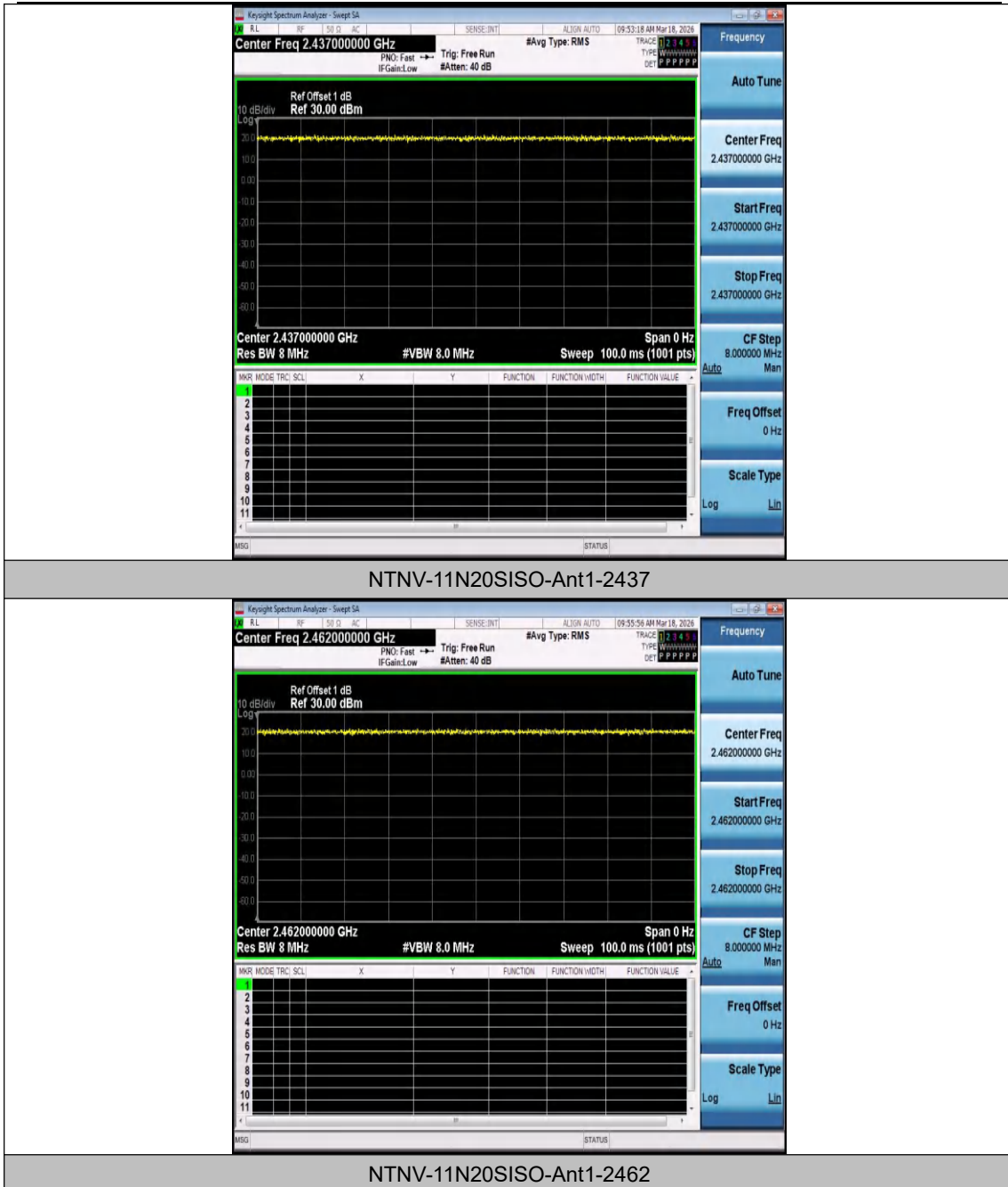
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