

Appendix Test Data

Report No.:	1812C60002412502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-1-7	Finish Test Date:	2026-1-10
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	25°C	Relative Humidity:	45%
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	16.440	2428.880	2445.320	0.5	PASS
11G	Ant1	2462	16.400	2453.880	2470.280	0.5	PASS
11N20SISO	Ant1	2412	17.600	2403.280	2420.880	0.5	PASS
11N20SISO	Ant1	2437	17.520	2428.280	2445.800	0.5	PASS
11N20SISO	Ant1	2462	17.640	2453.240	2470.880	0.5	PASS

Test Graphs



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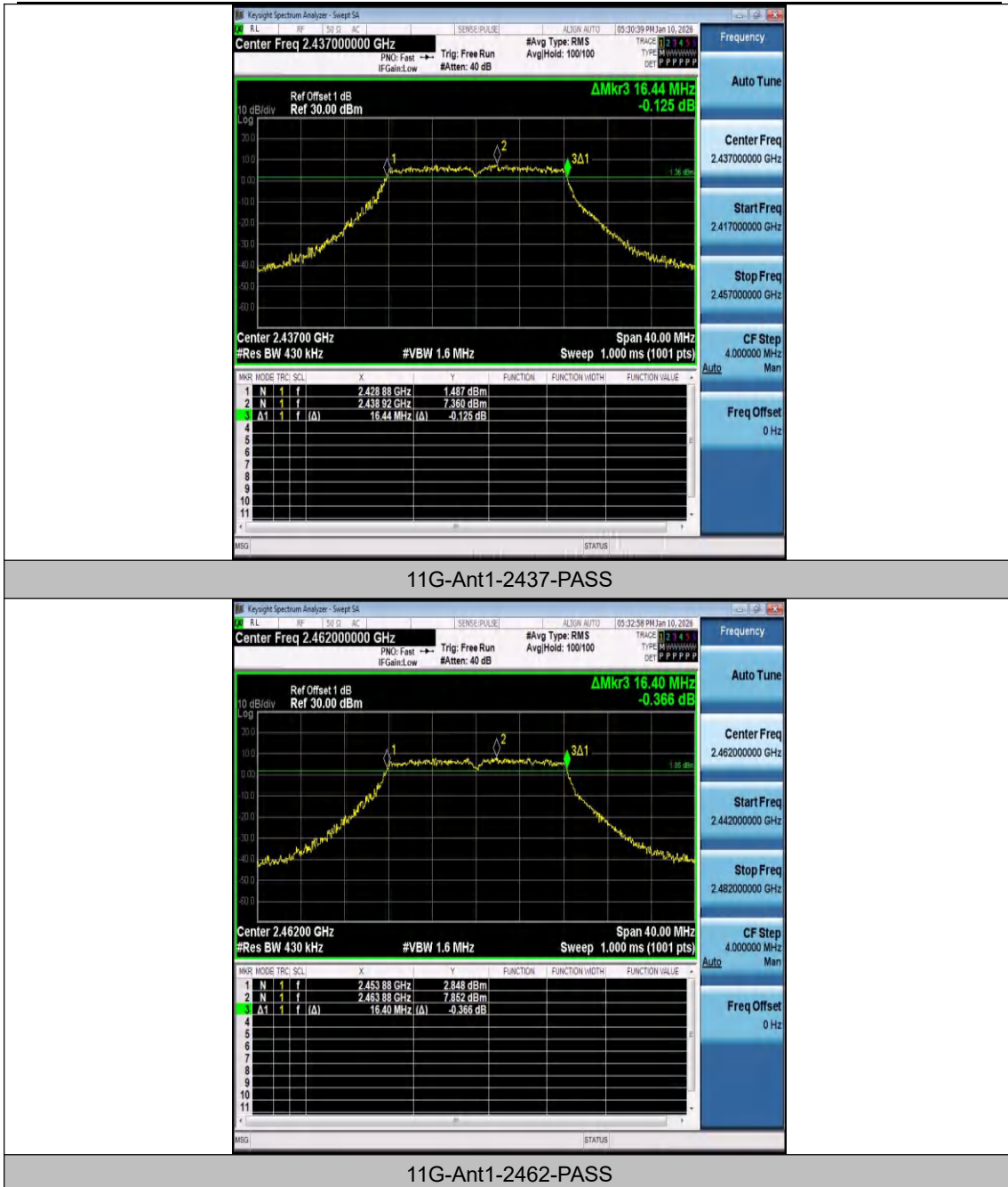
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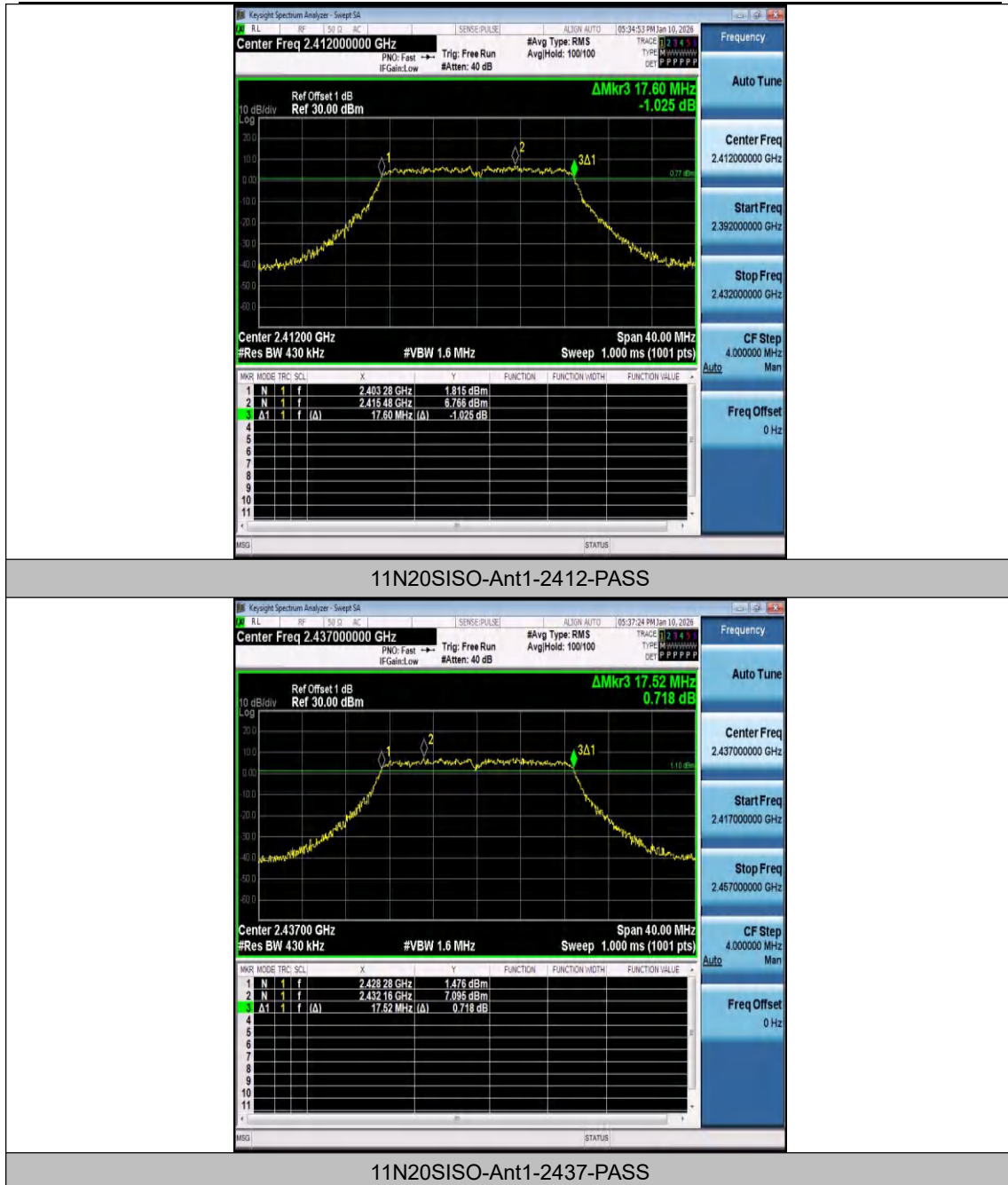
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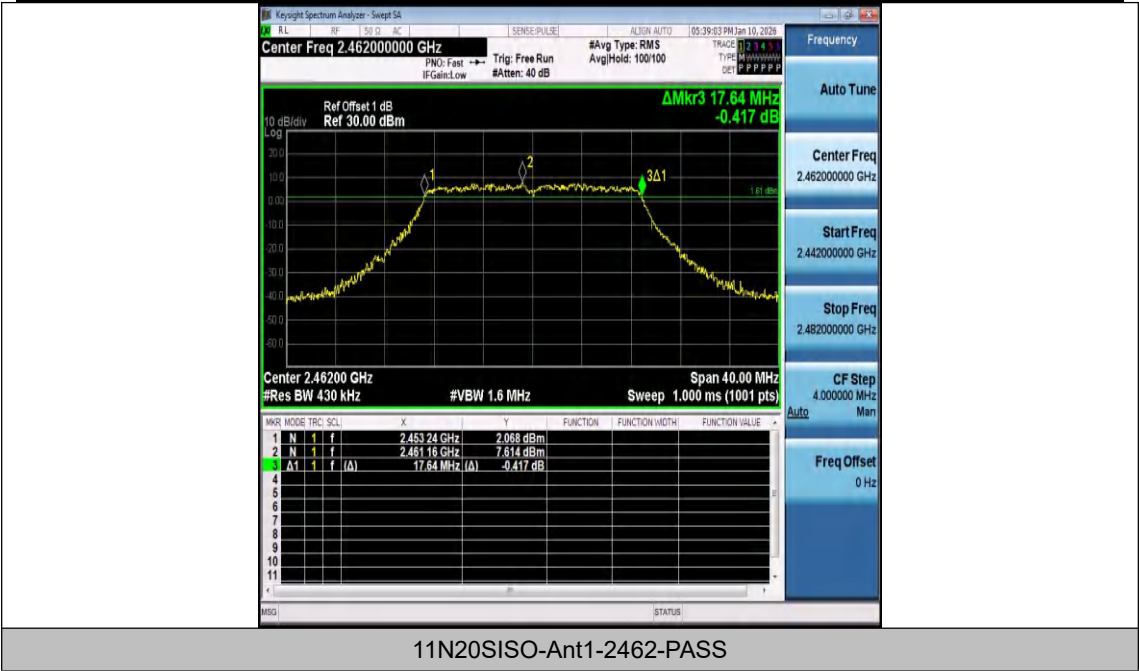
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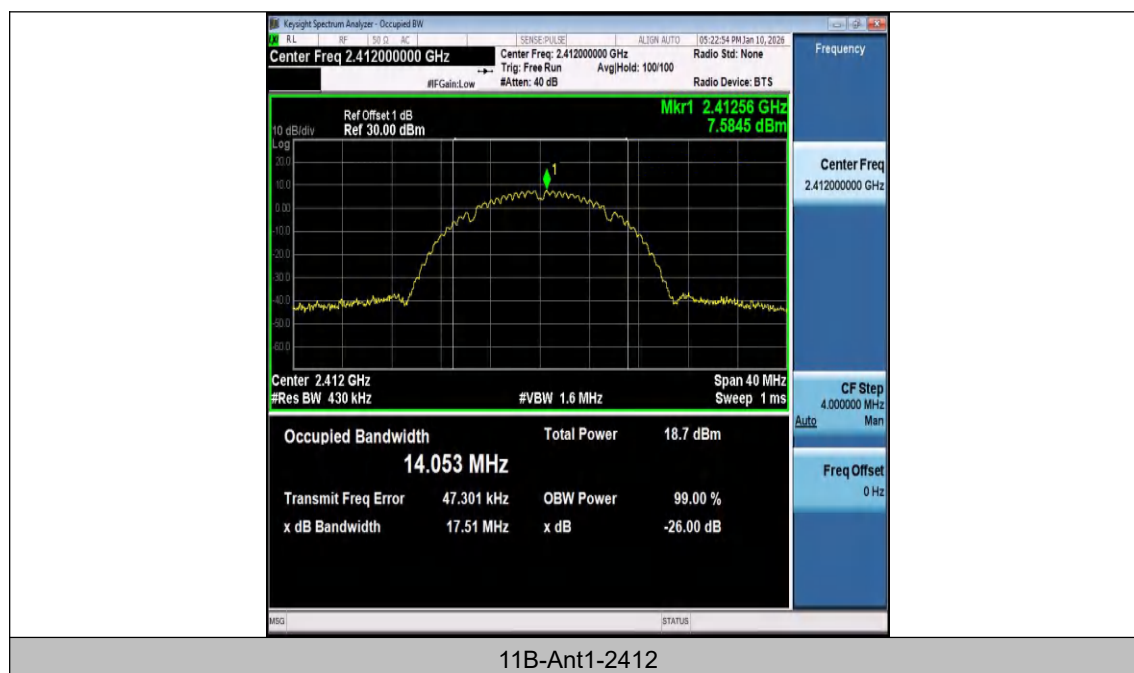
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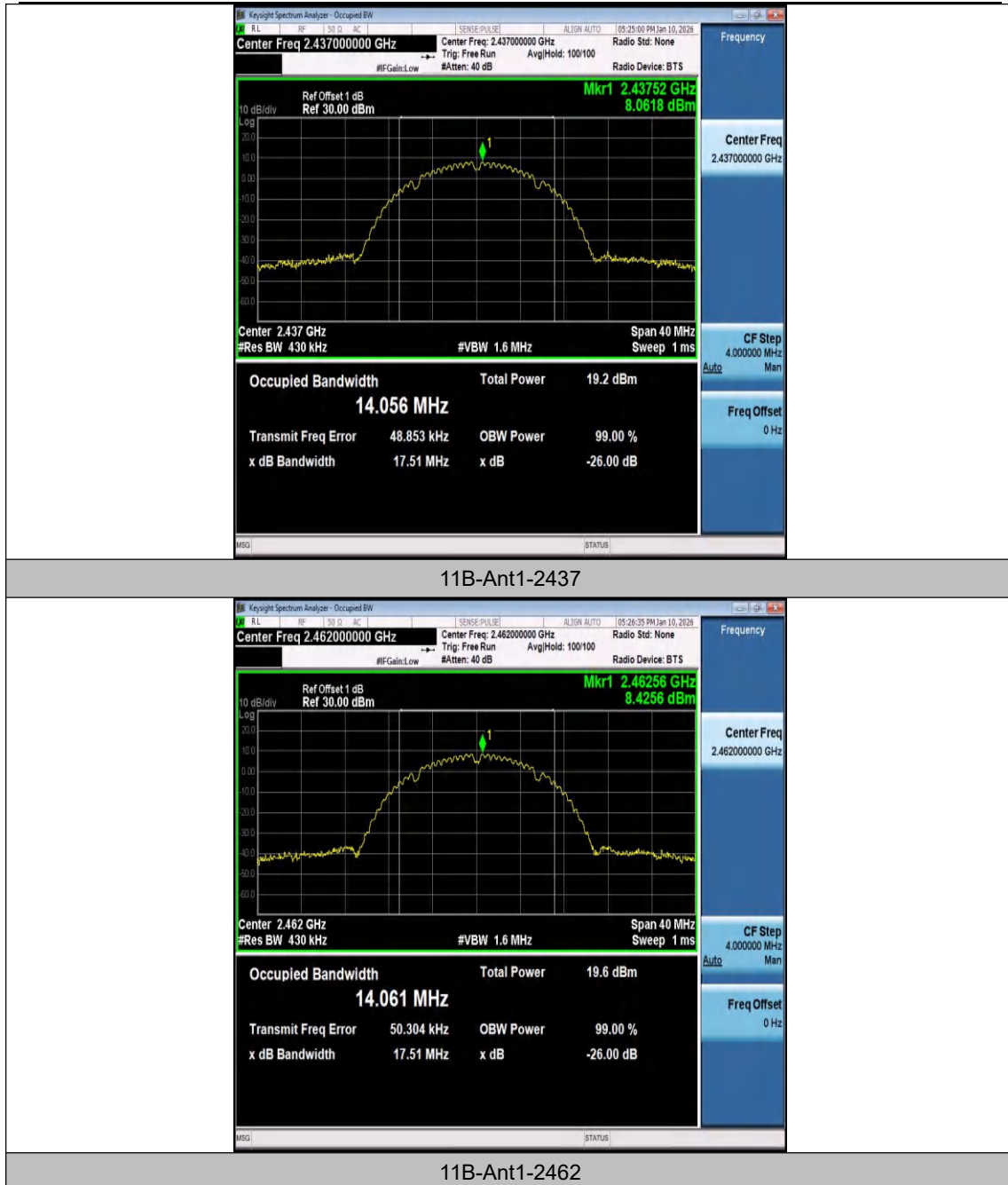
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.053	2405.0208	2419.0738	---	---
11B	Ant1	2437	14.056	2430.0209	2444.0769	---	---
11B	Ant1	2462	14.061	2455.0198	2469.0808	---	---
11G	Ant1	2412	17.038	2403.4615	2420.4995	---	---
11G	Ant1	2437	17.096	2428.4393	2445.5353	---	---
11G	Ant1	2462	17.074	2453.4379	2470.5119	---	---
11N20SISO	Ant1	2412	18.149	2402.9501	2421.0991	---	---
11N20SISO	Ant1	2437	18.136	2427.9700	2446.1060	---	---
11N20SISO	Ant1	2462	18.144	2452.9716	2471.1156	---	---

Test Graphs

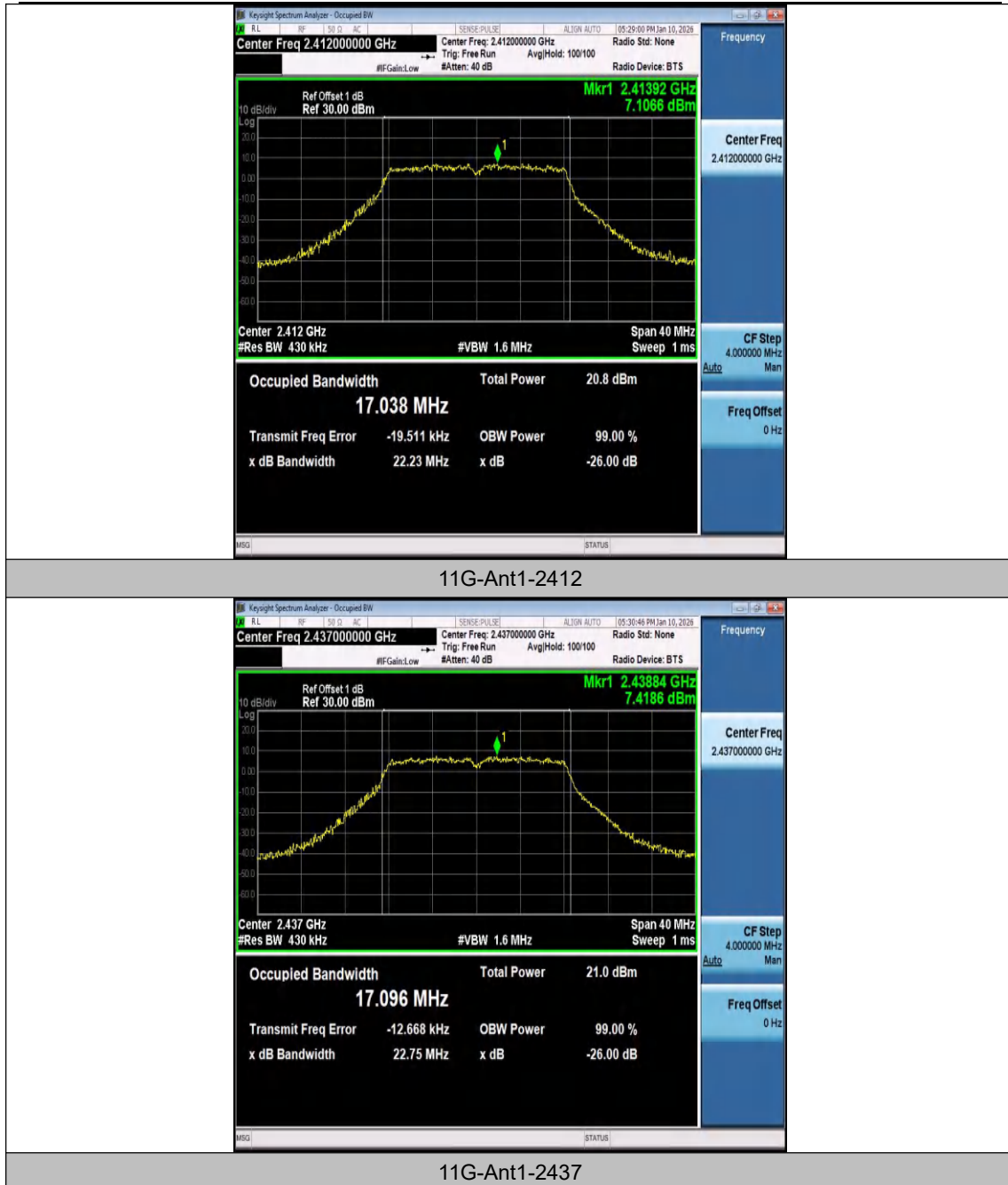




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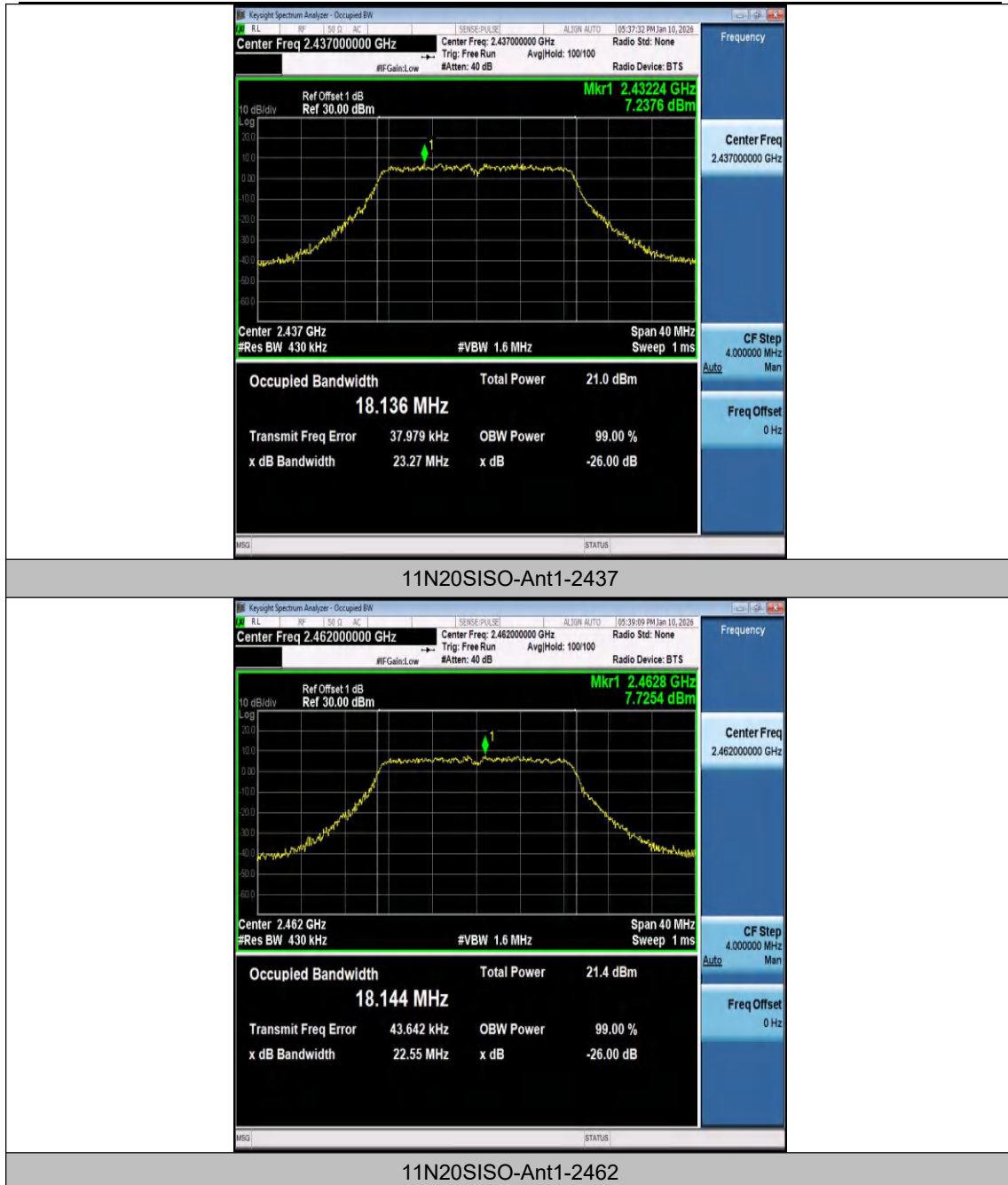
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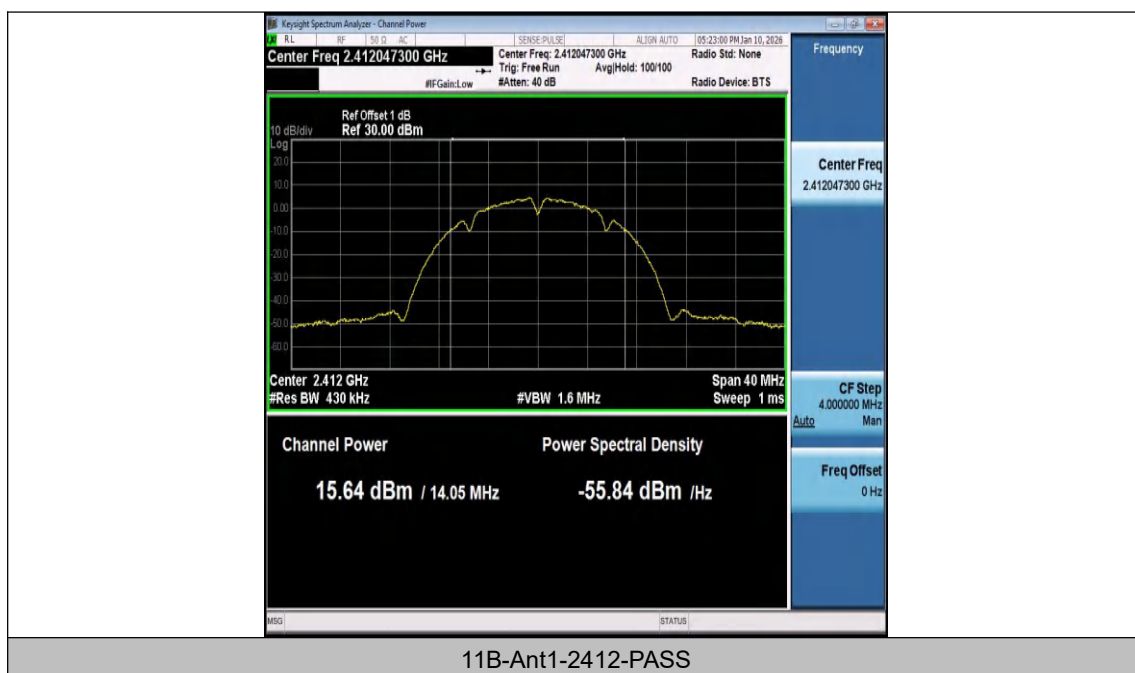
Appendix C: Maximum conducted output power

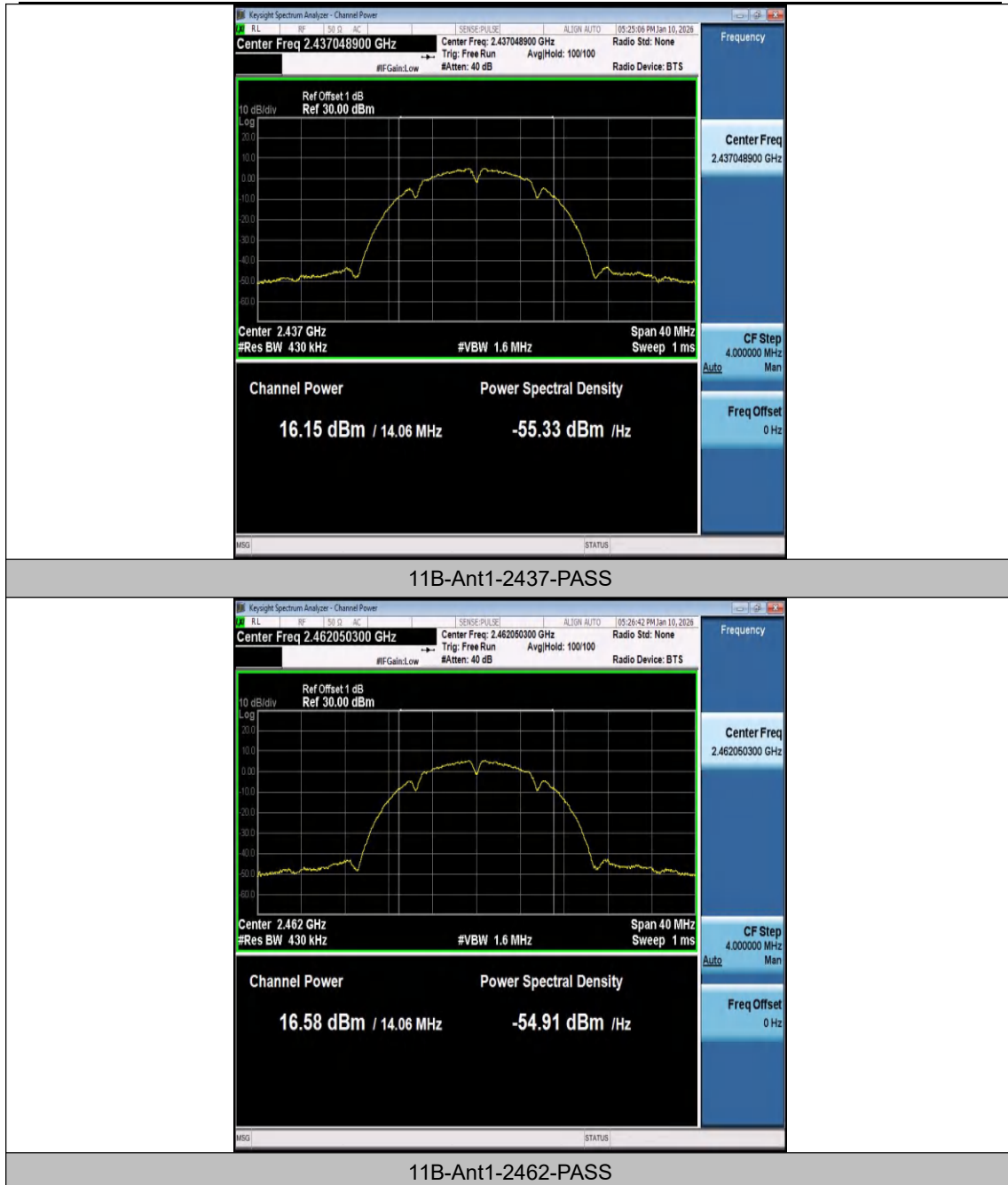
Test Result Average

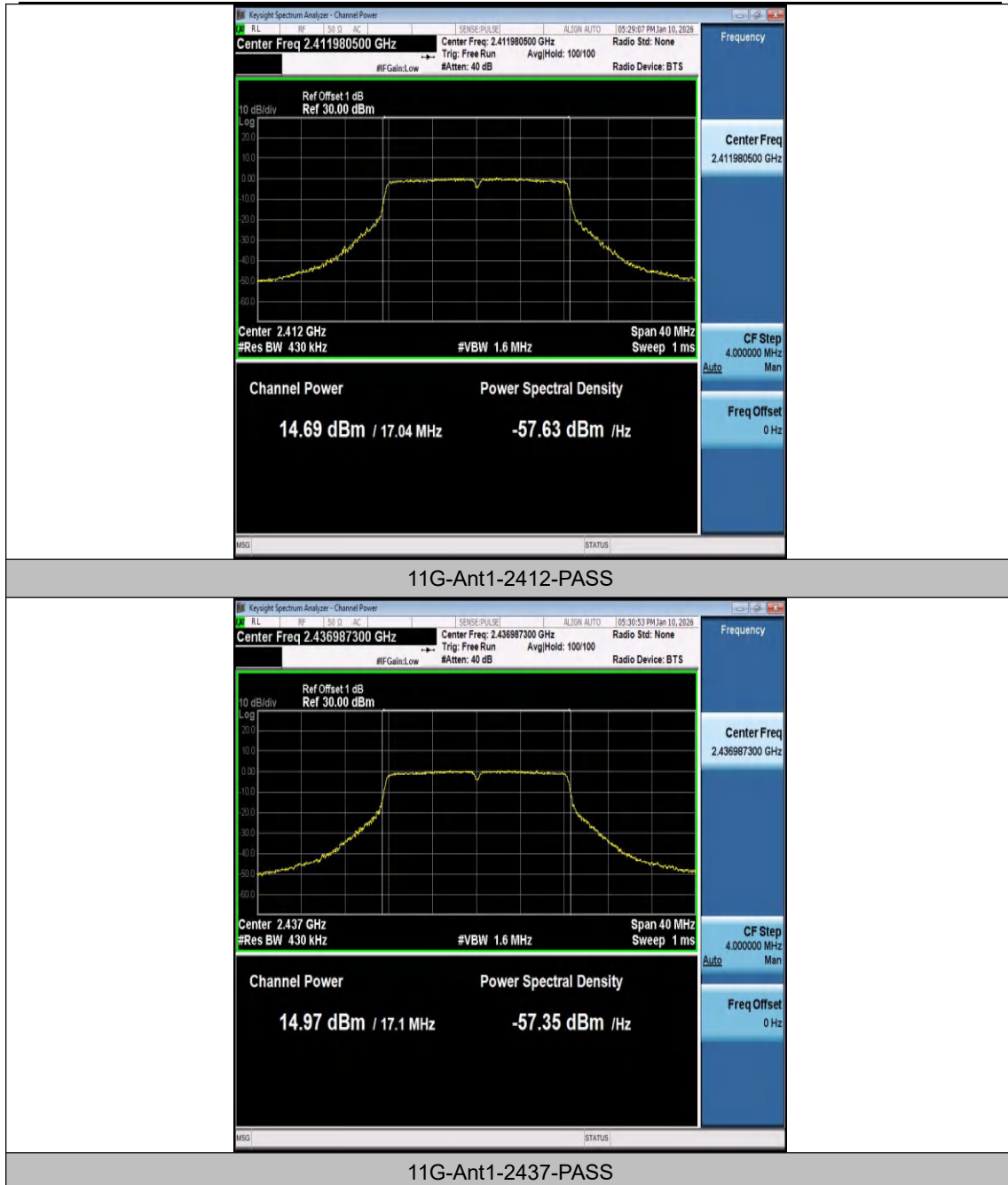
Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	15.64	≤30.00	PASS
11B	Ant1	2437	16.15	≤30.00	PASS
11B	Ant1	2462	16.58	≤30.00	PASS
11G	Ant1	2412	14.69	≤30.00	PASS
11G	Ant1	2437	14.97	≤30.00	PASS
11G	Ant1	2462	15.36	≤30.00	PASS
11N20SISO	Ant1	2412	14.59	≤30.00	PASS
11N20SISO	Ant1	2437	14.88	≤30.00	PASS
11N20SISO	Ant1	2462	15.27	≤30.00	PASS

Note: The cable loss are compensated in the graph.

Test Graphs Average



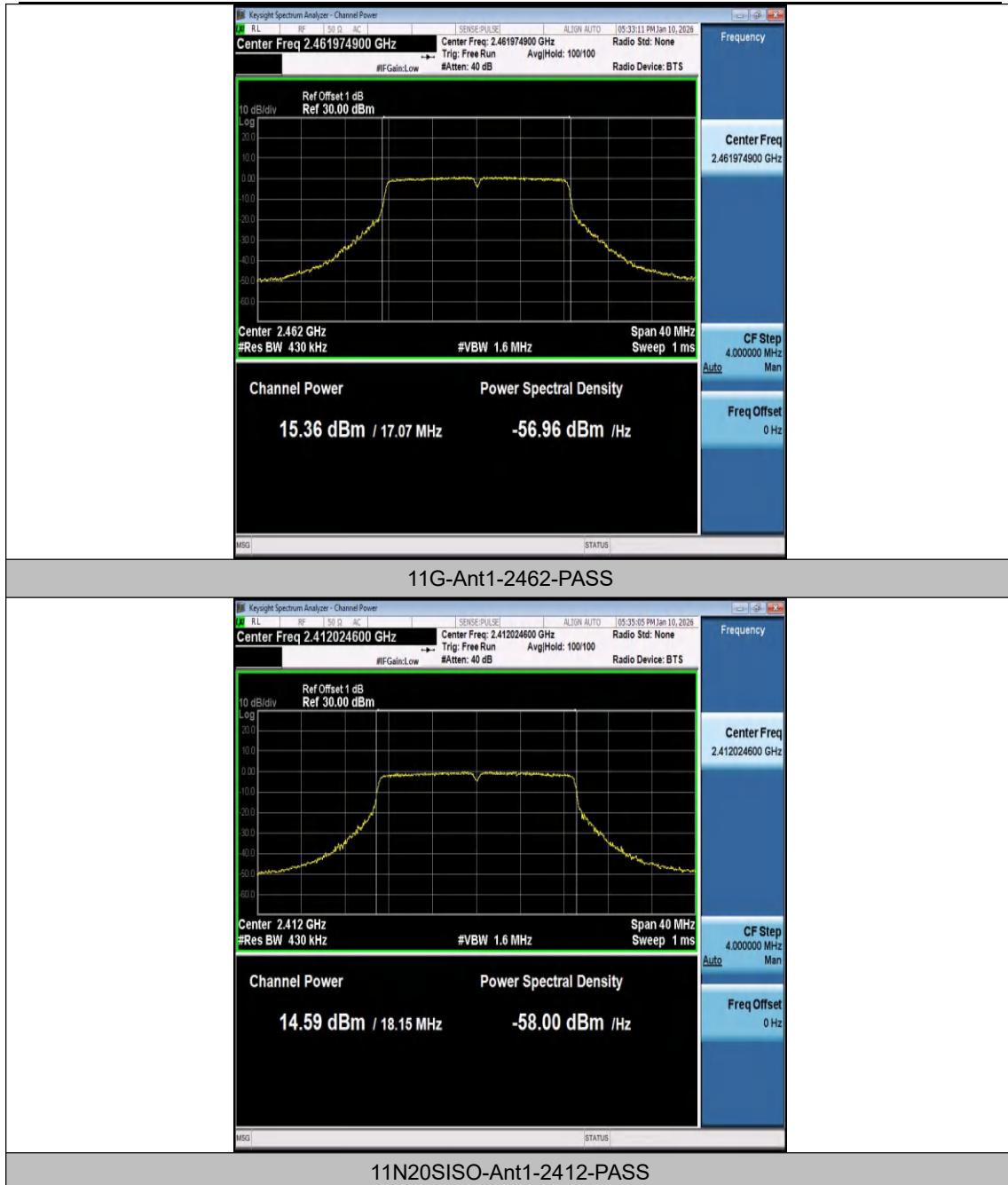


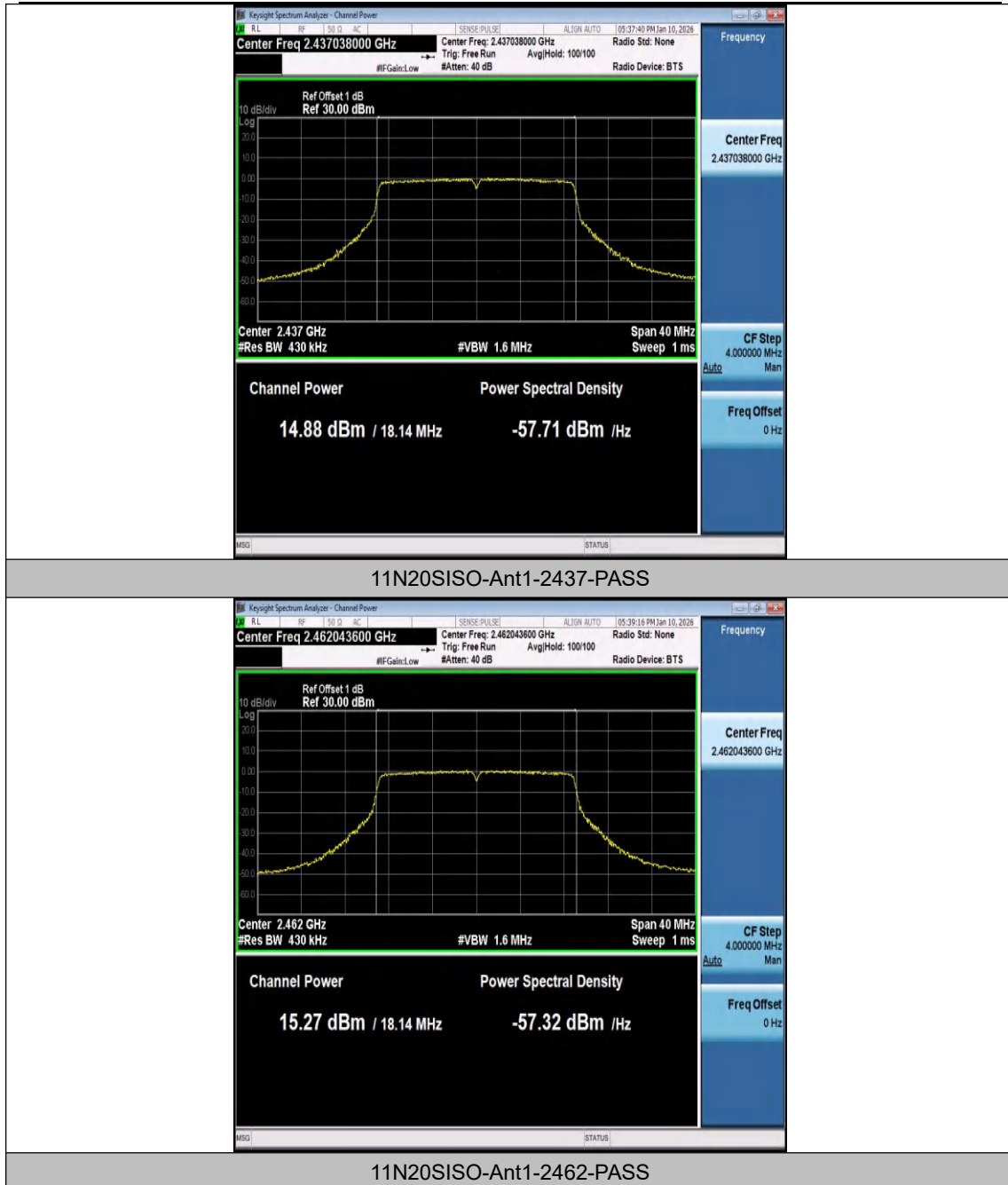


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Appendix D: Maximum power spectral density

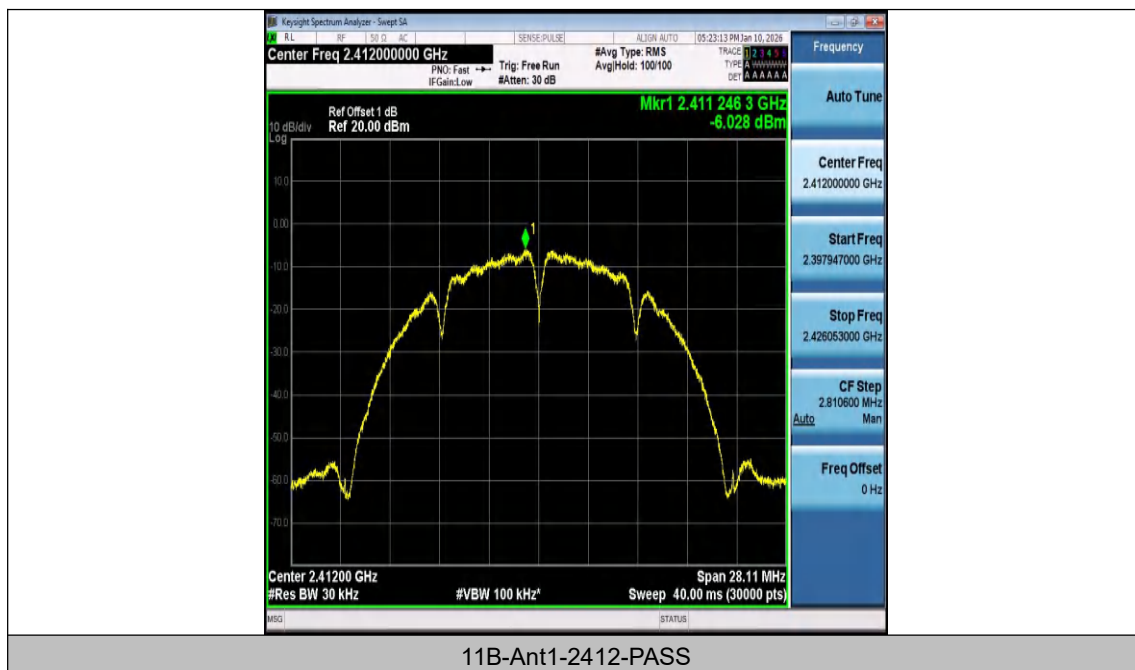
Test Result

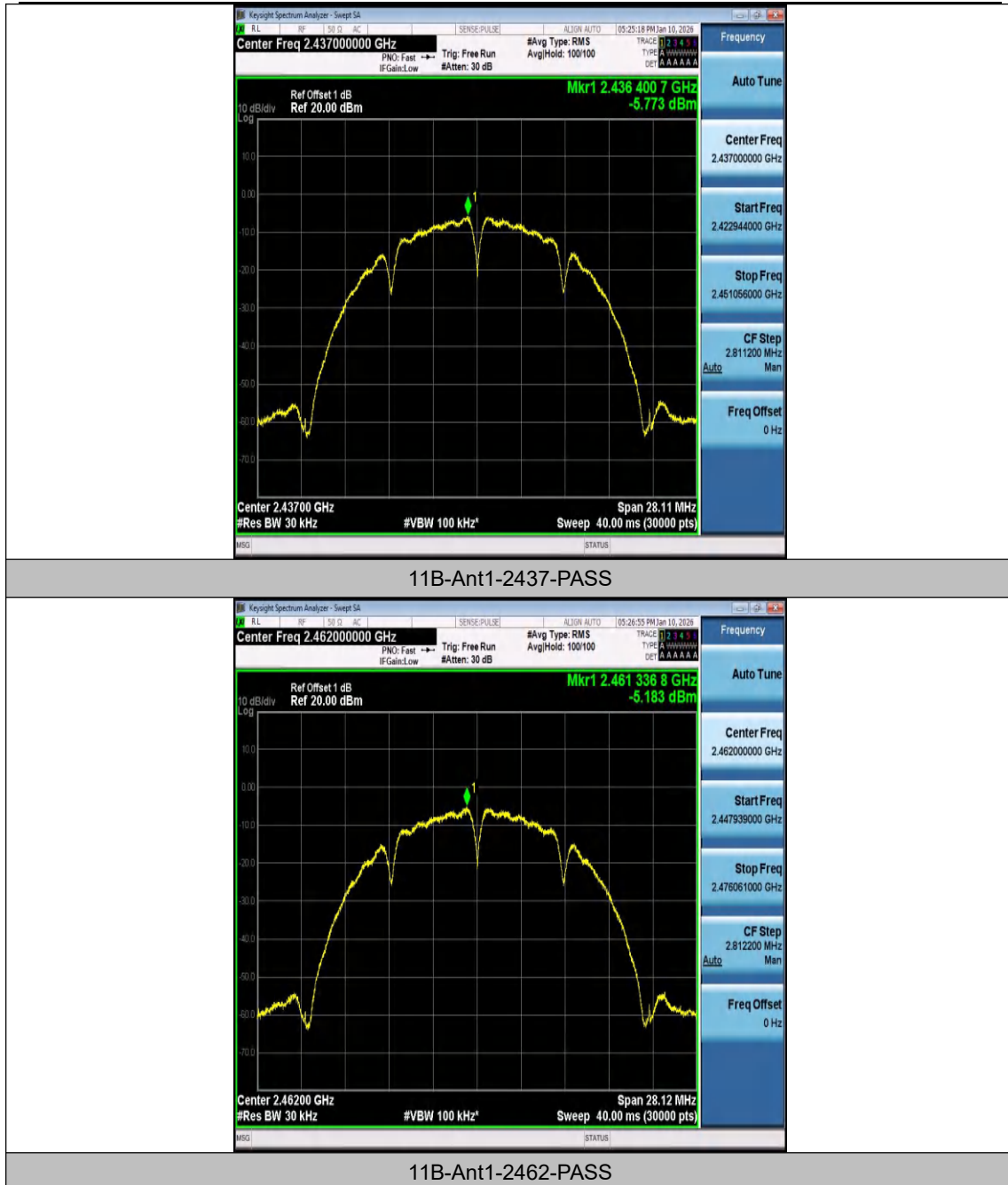
Test Mode	Antenna	Frequency[MHz]	Result[dBm/30kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-6.03	≤8.00	PASS
11B	Ant1	2437	-5.77	≤8.00	PASS
11B	Ant1	2462	-5.18	≤8.00	PASS
11G	Ant1	2412	-9.63	≤8.00	PASS
11G	Ant1	2437	-9.59	≤8.00	PASS
11G	Ant1	2462	-8.54	≤8.00	PASS
11N20SISO	Ant1	2412	-10.08	≤8.00	PASS
11N20SISO	Ant1	2437	-9.16	≤8.00	PASS
11N20SISO	Ant1	2462	-9.37	≤8.00	PASS

Note:

The cable loss are compensated in the graph.

Test Graphs

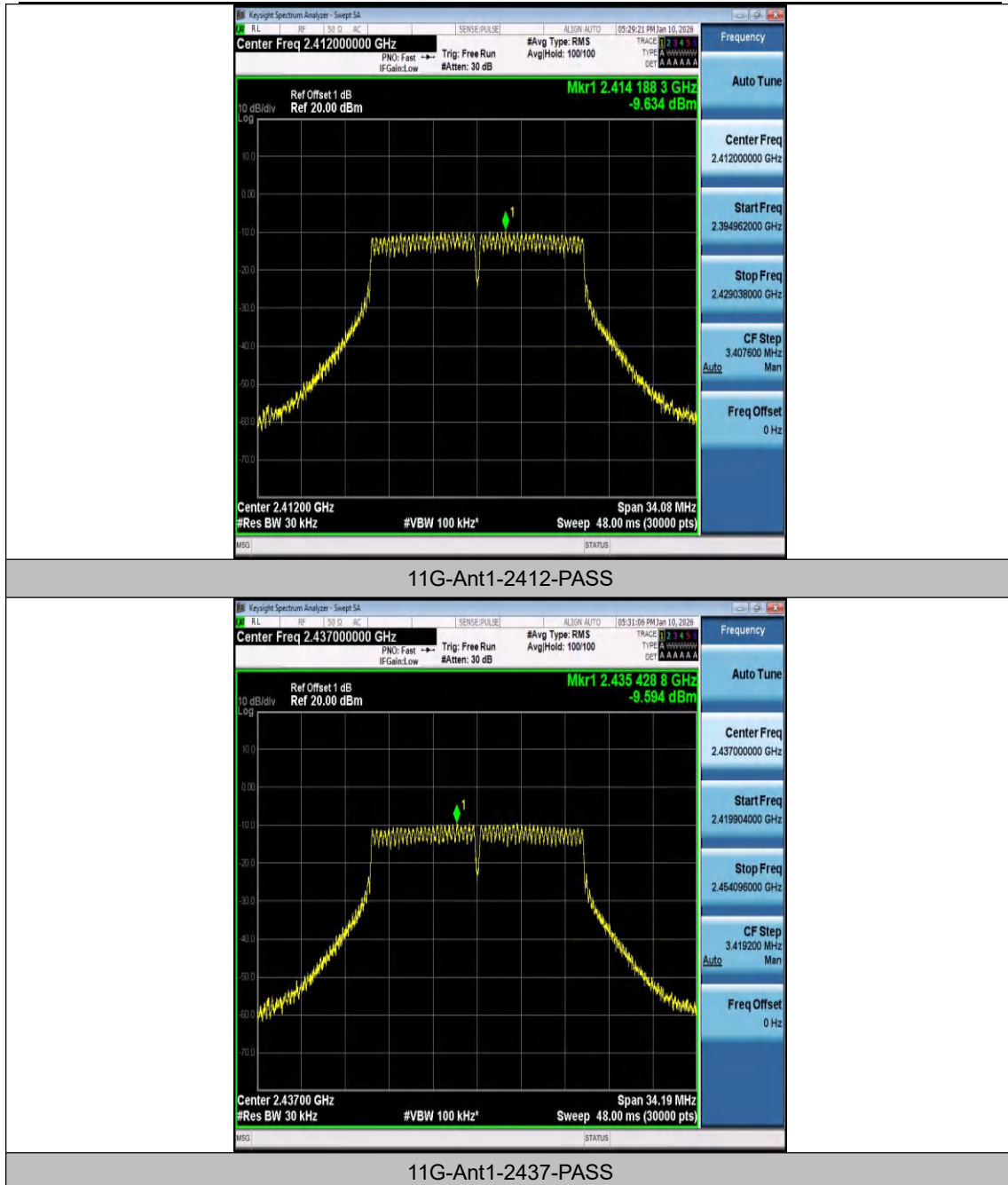




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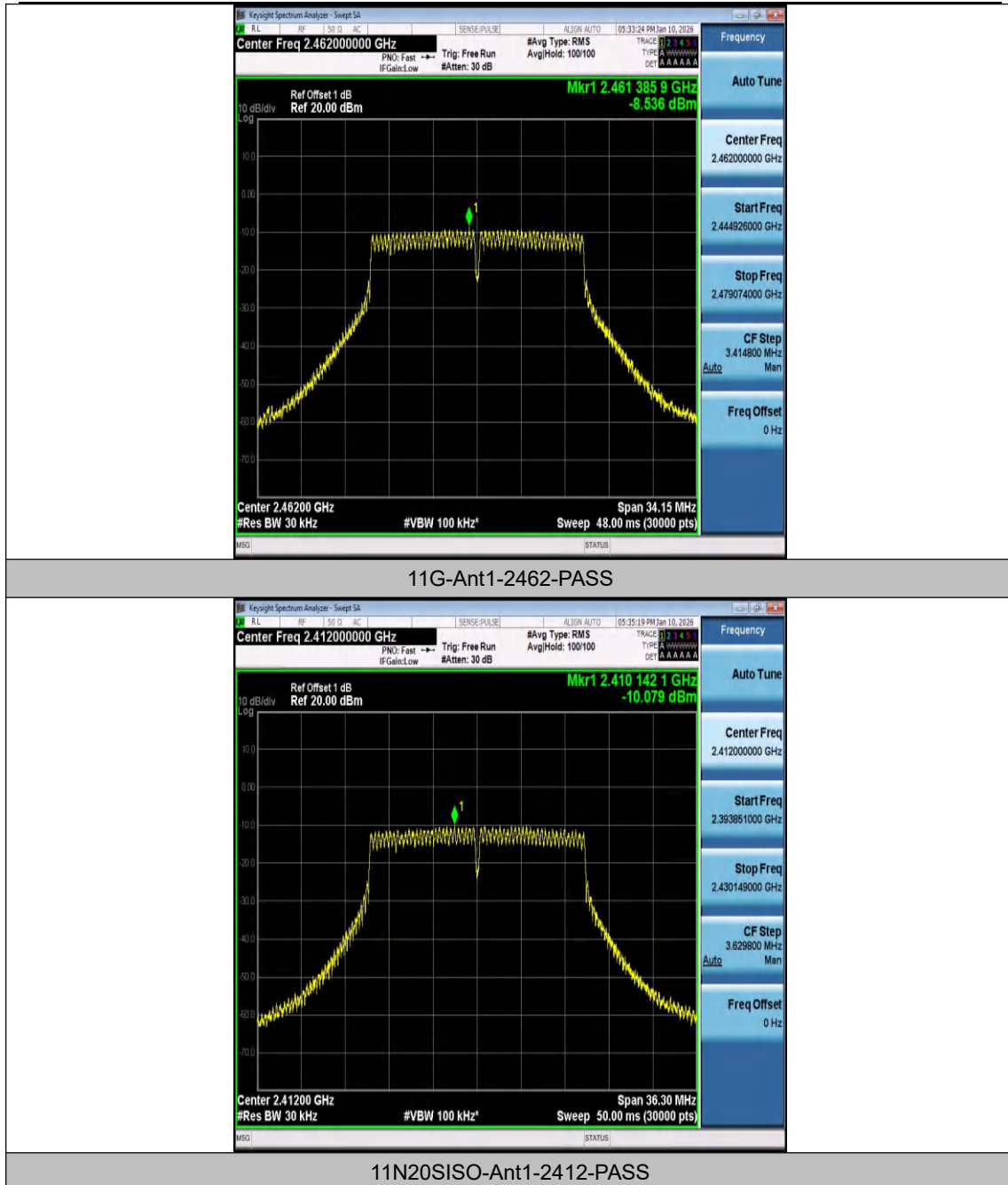
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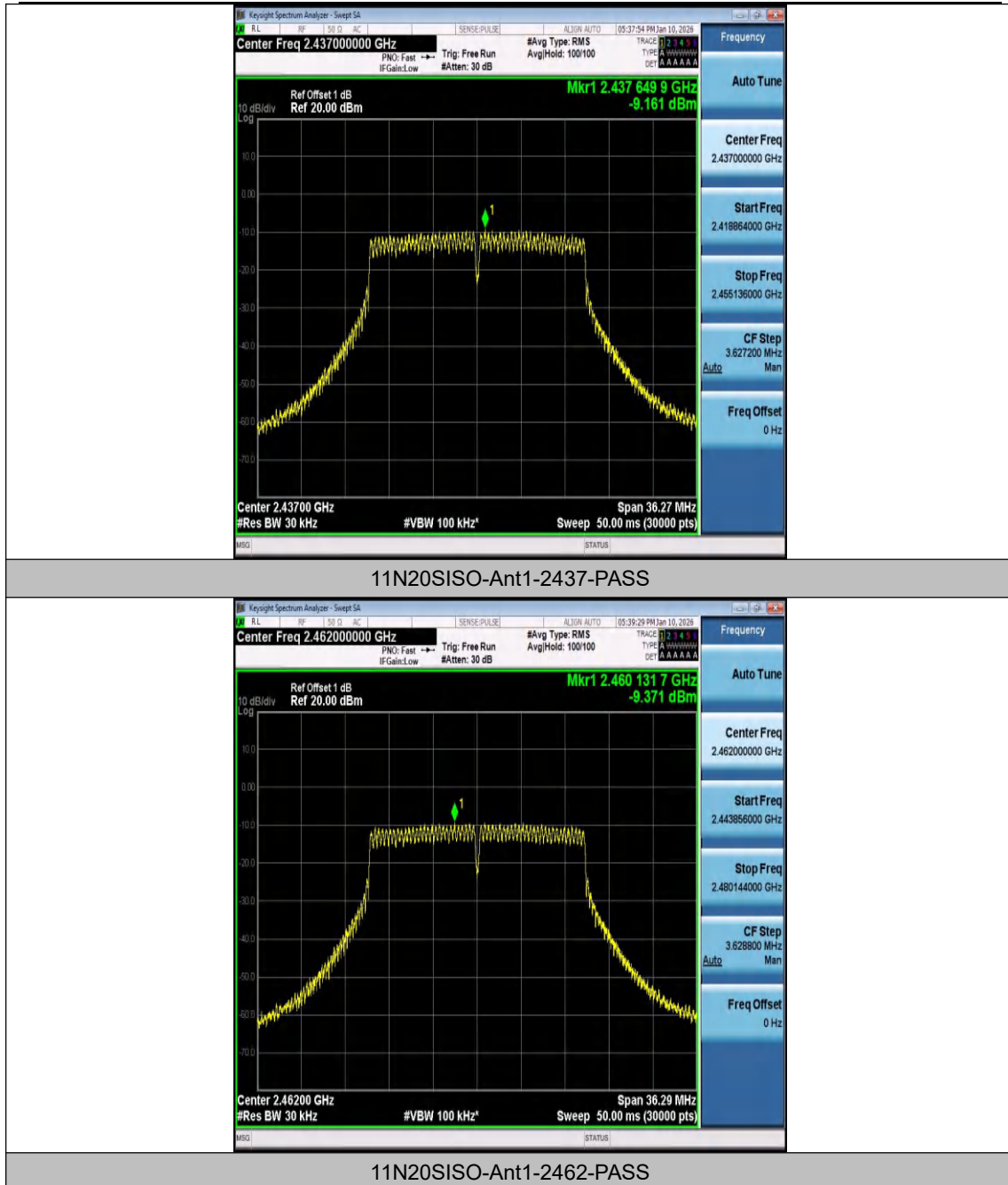
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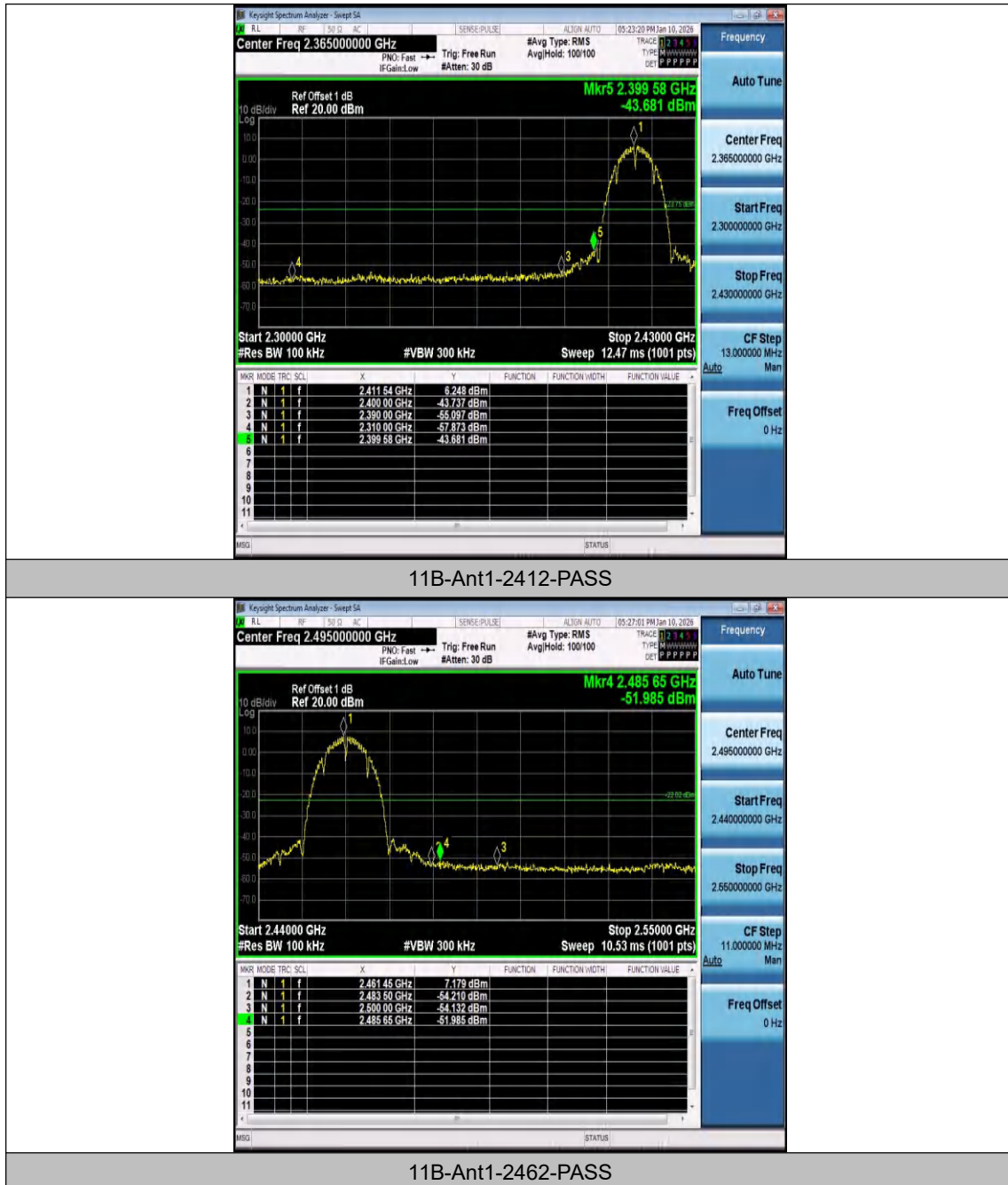
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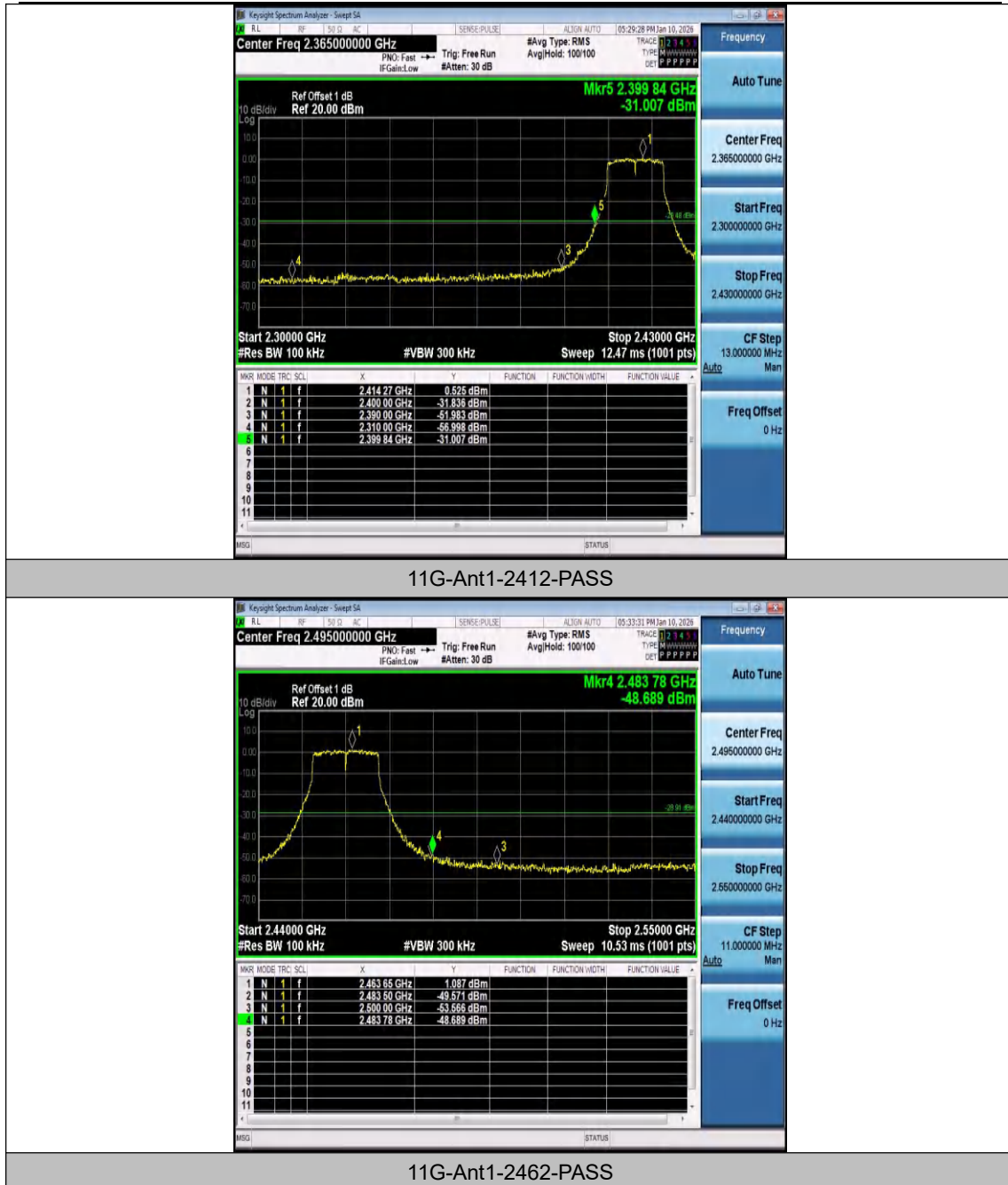
Appendix E: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.25	-43.68	≤-23.75	PASS
11B	Ant1	High	2462	7.18	-51.99	≤-22.82	PASS
11G	Ant1	Low	2412	0.53	-31.01	≤-29.48	PASS
11G	Ant1	High	2462	1.09	-48.69	≤-28.91	PASS
11N20SISO	Ant1	Low	2412	0.11	-32.05	≤-29.89	PASS
11N20SISO	Ant1	High	2462	0.92	-48.53	≤-29.08	PASS

Test Graphs

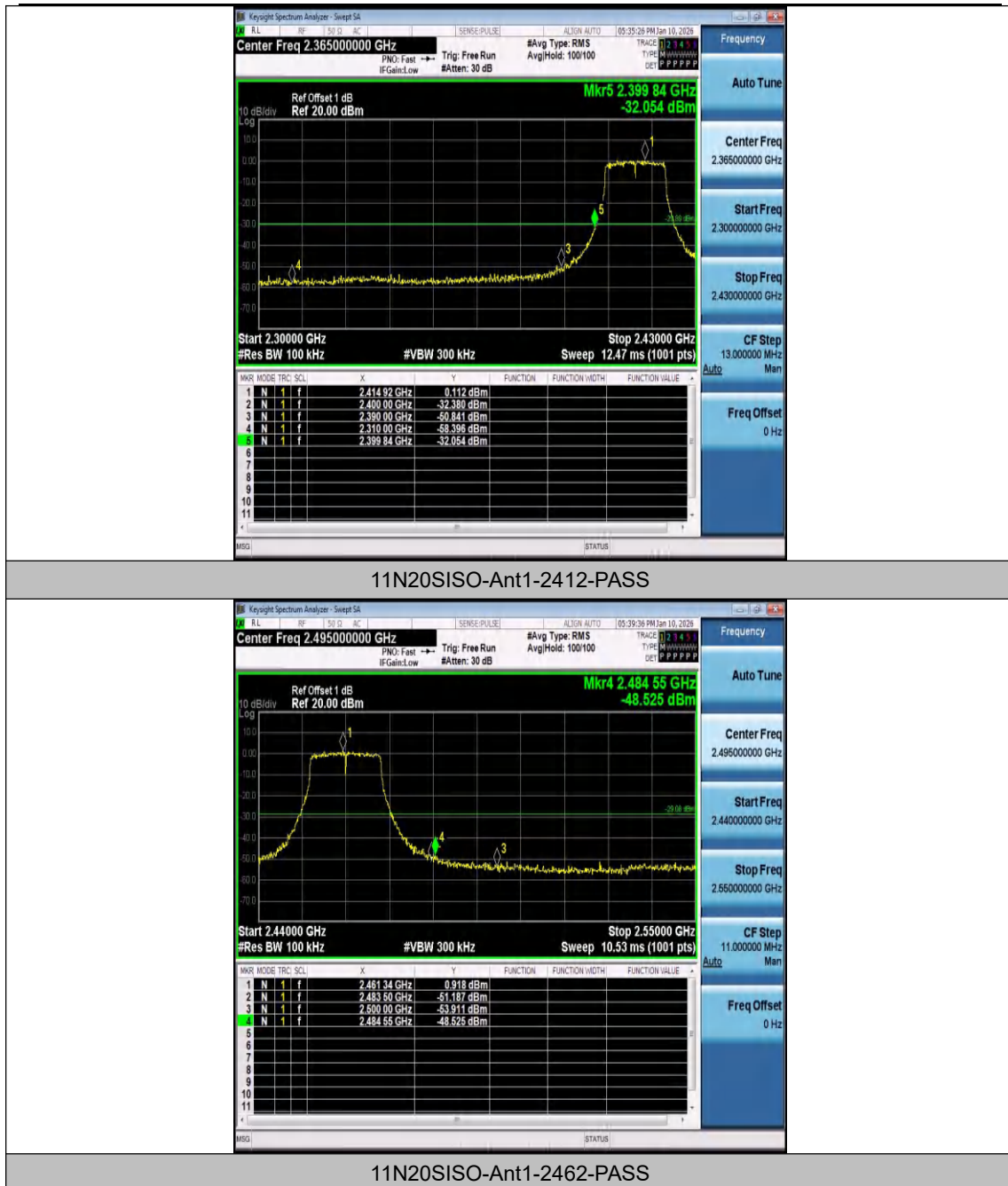




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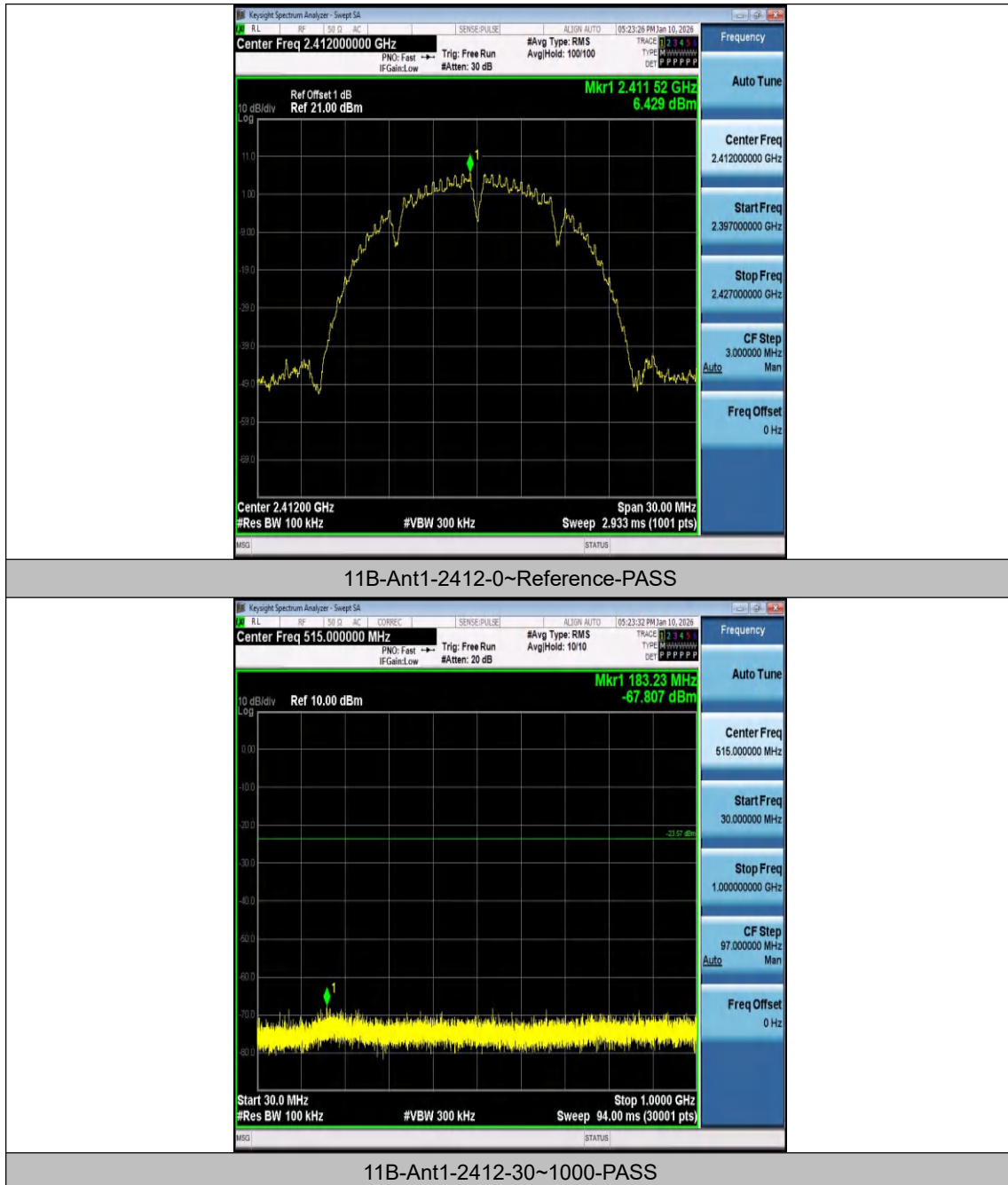
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	6.43	6.43	---	PASS
11B	Ant1	2412	30~1000	6.43	-67.81	≤-23.57	PASS
11B	Ant1	2412	1000~26500	6.43	-35.49	≤-23.57	PASS
11B	Ant1	2437	0~Reference	6.71	6.71	---	PASS
11B	Ant1	2437	30~1000	6.71	-66.84	≤-23.29	PASS
11B	Ant1	2437	1000~26500	6.71	-34.85	≤-23.29	PASS
11B	Ant1	2462	0~Reference	7.21	7.21	---	PASS
11B	Ant1	2462	30~1000	7.21	-67.37	≤-22.79	PASS
11B	Ant1	2462	1000~26500	7.21	-34.8	≤-22.79	PASS
11G	Ant1	2412	0~Reference	0.60	0.60	---	PASS
11G	Ant1	2412	30~1000	0.60	-66.73	≤-29.4	PASS
11G	Ant1	2412	1000~26500	0.60	-36.33	≤-29.4	PASS
11G	Ant1	2437	0~Reference	0.72	0.72	---	PASS
11G	Ant1	2437	30~1000	0.72	-67.71	≤-29.28	PASS
11G	Ant1	2437	1000~26500	0.72	-36.53	≤-29.28	PASS
11G	Ant1	2462	0~Reference	1.19	1.19	---	PASS
11G	Ant1	2462	30~1000	1.19	-67.35	≤-28.81	PASS
11G	Ant1	2462	1000~26500	1.19	-36	≤-28.81	PASS
11N20SISO	Ant1	2412	0~Reference	0.32	0.32	---	PASS
11N20SISO	Ant1	2412	30~1000	0.32	-66.83	≤-29.68	PASS
11N20SISO	Ant1	2412	1000~26500	0.32	-35.76	≤-29.68	PASS
11N20SISO	Ant1	2437	0~Reference	0.76	0.76	---	PASS
11N20SISO	Ant1	2437	30~1000	0.76	-66.41	≤-29.24	PASS
11N20SISO	Ant1	2437	1000~26500	0.76	-35.8	≤-29.24	PASS
11N20SISO	Ant1	2462	0~Reference	0.88	0.88	---	PASS
11N20SISO	Ant1	2462	30~1000	0.88	-66.68	≤-29.12	PASS
11N20SISO	Ant1	2462	1000~26500	0.88	-35.78	≤-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.

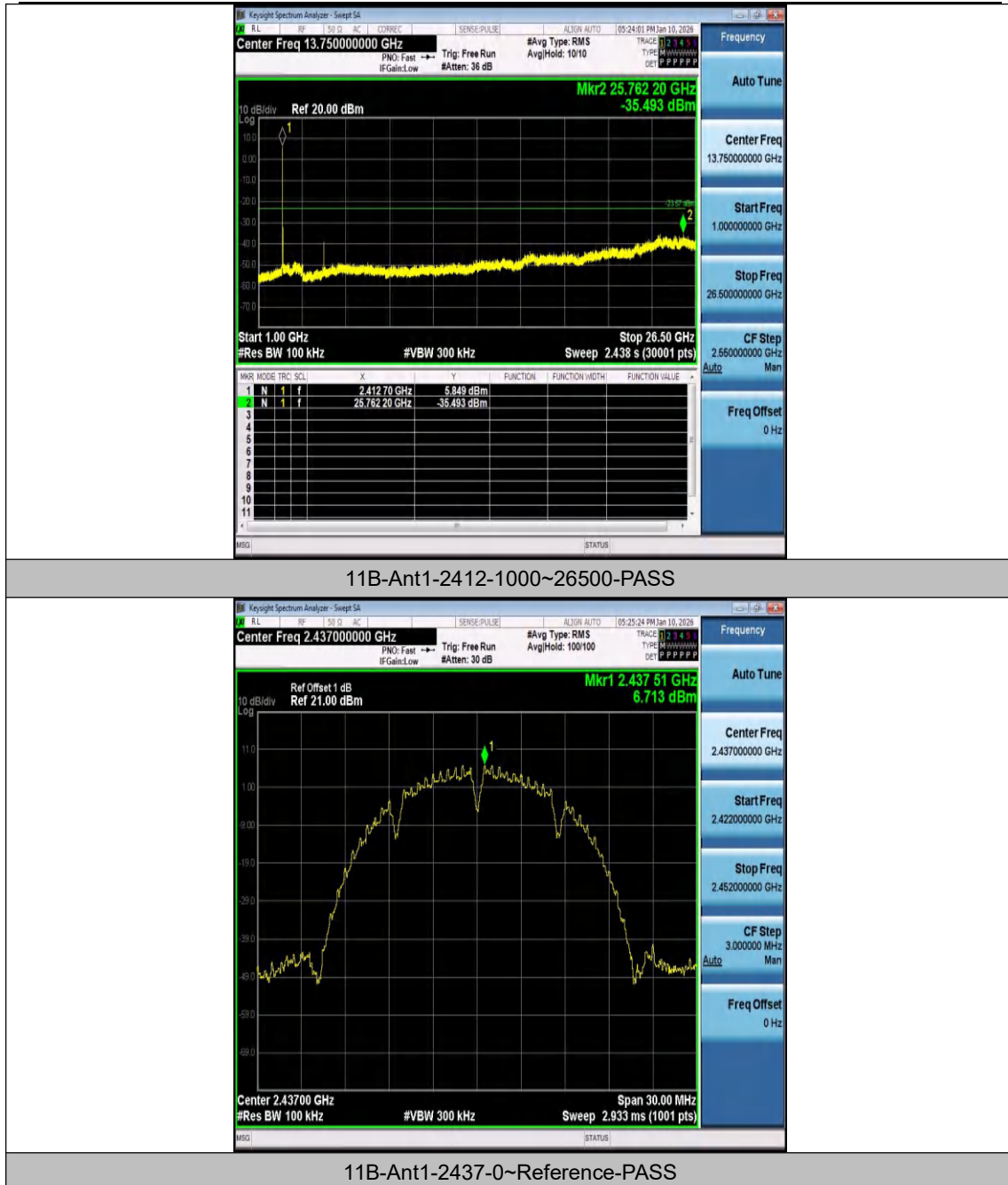
Test Graphs



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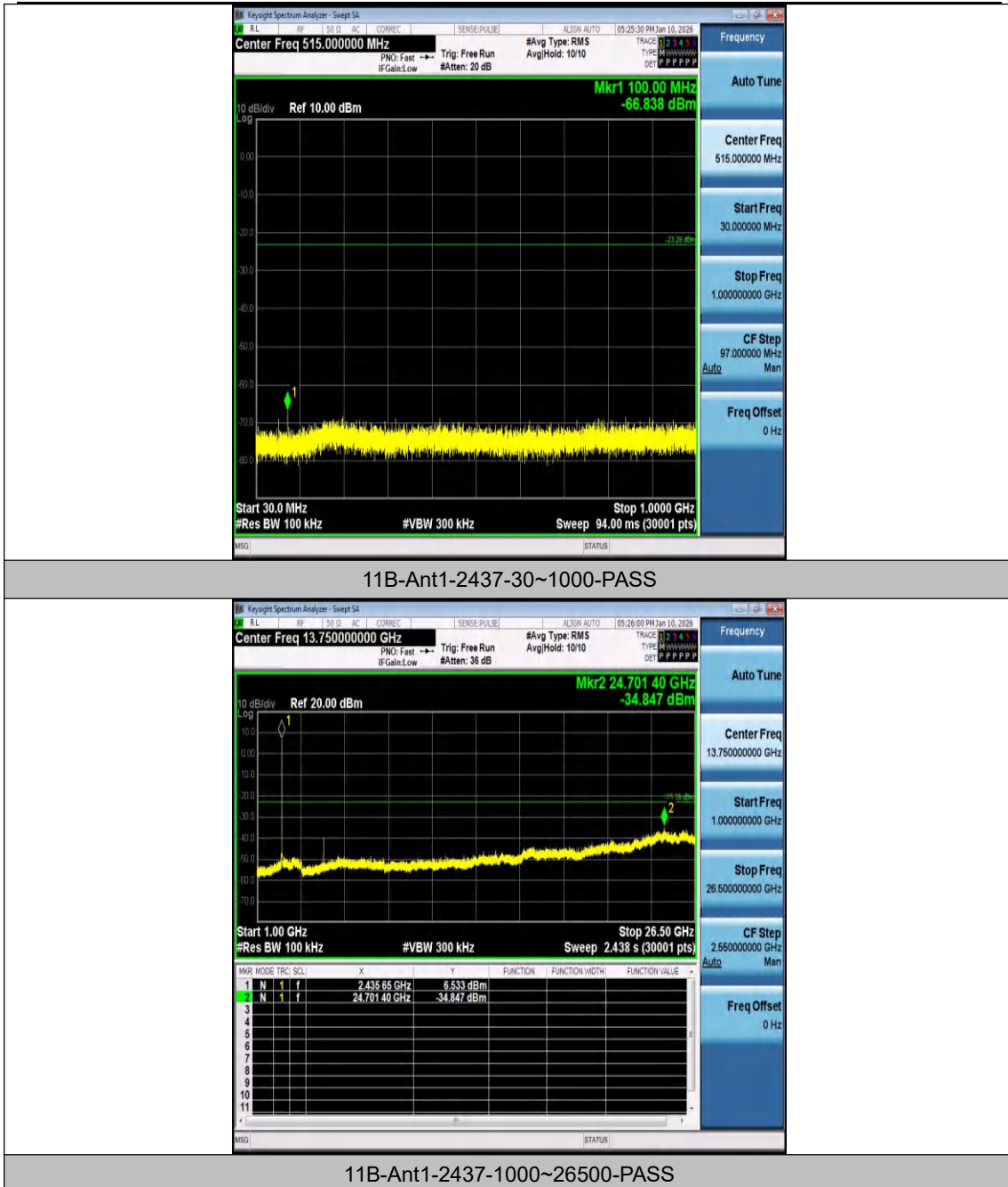
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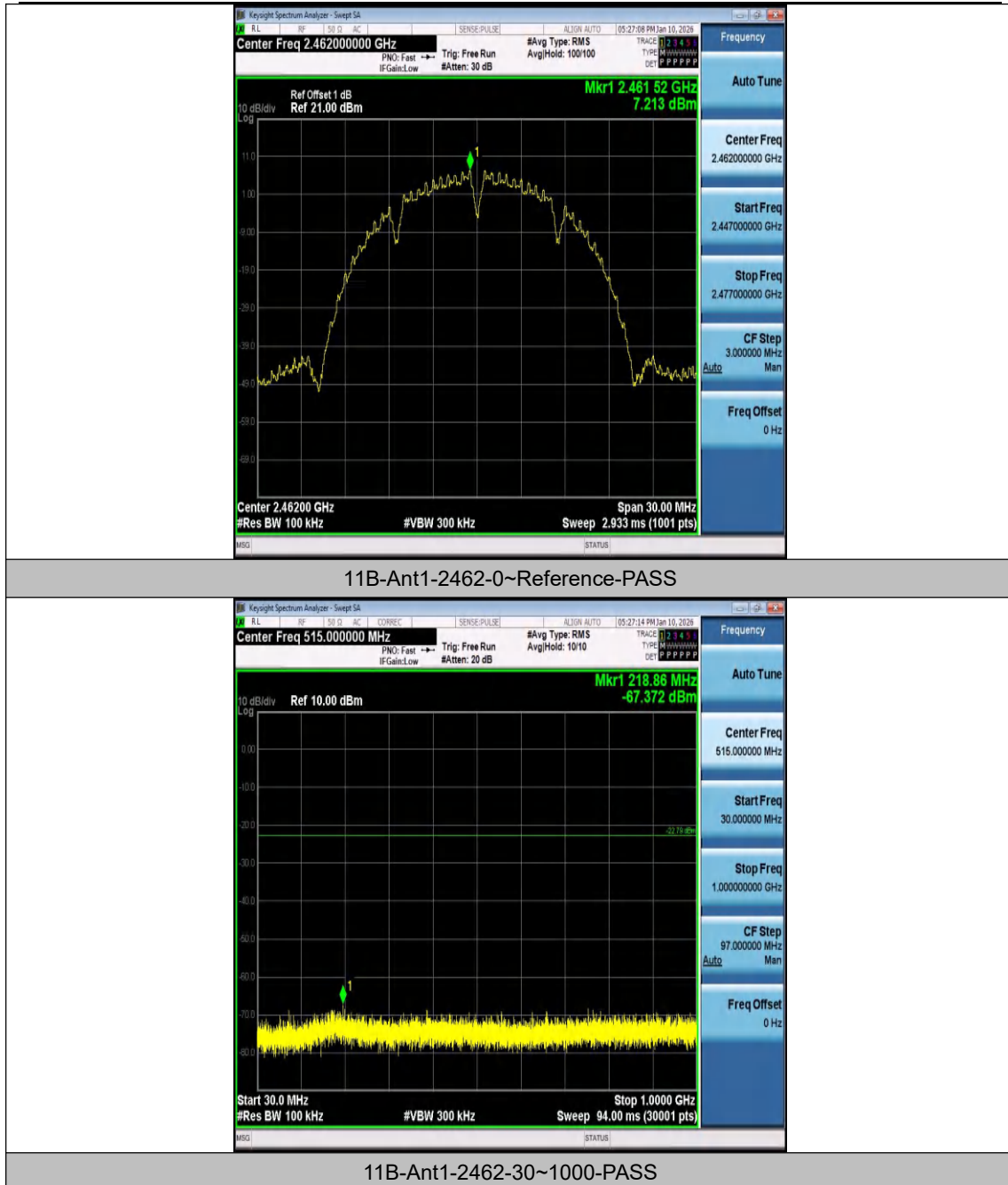


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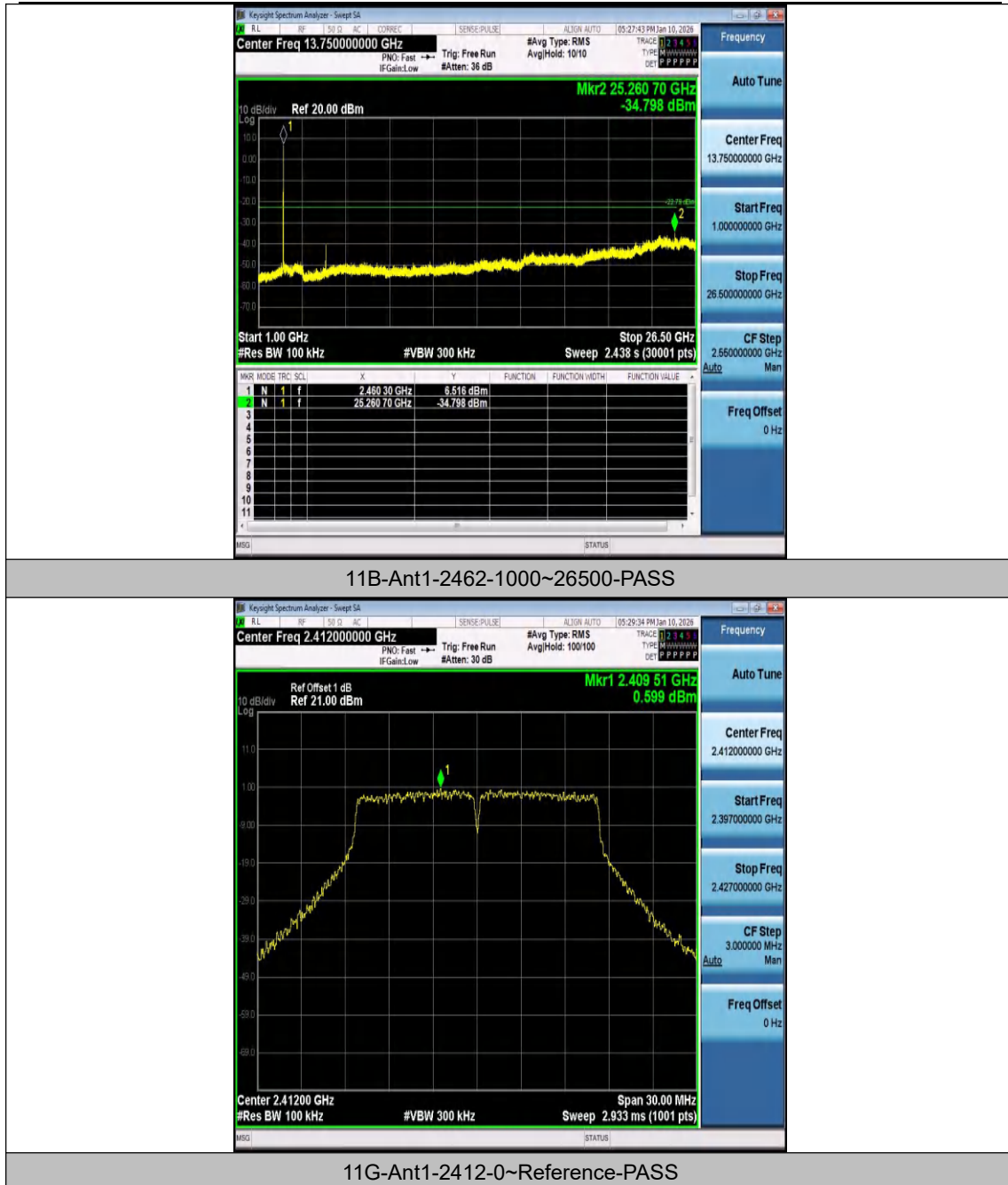




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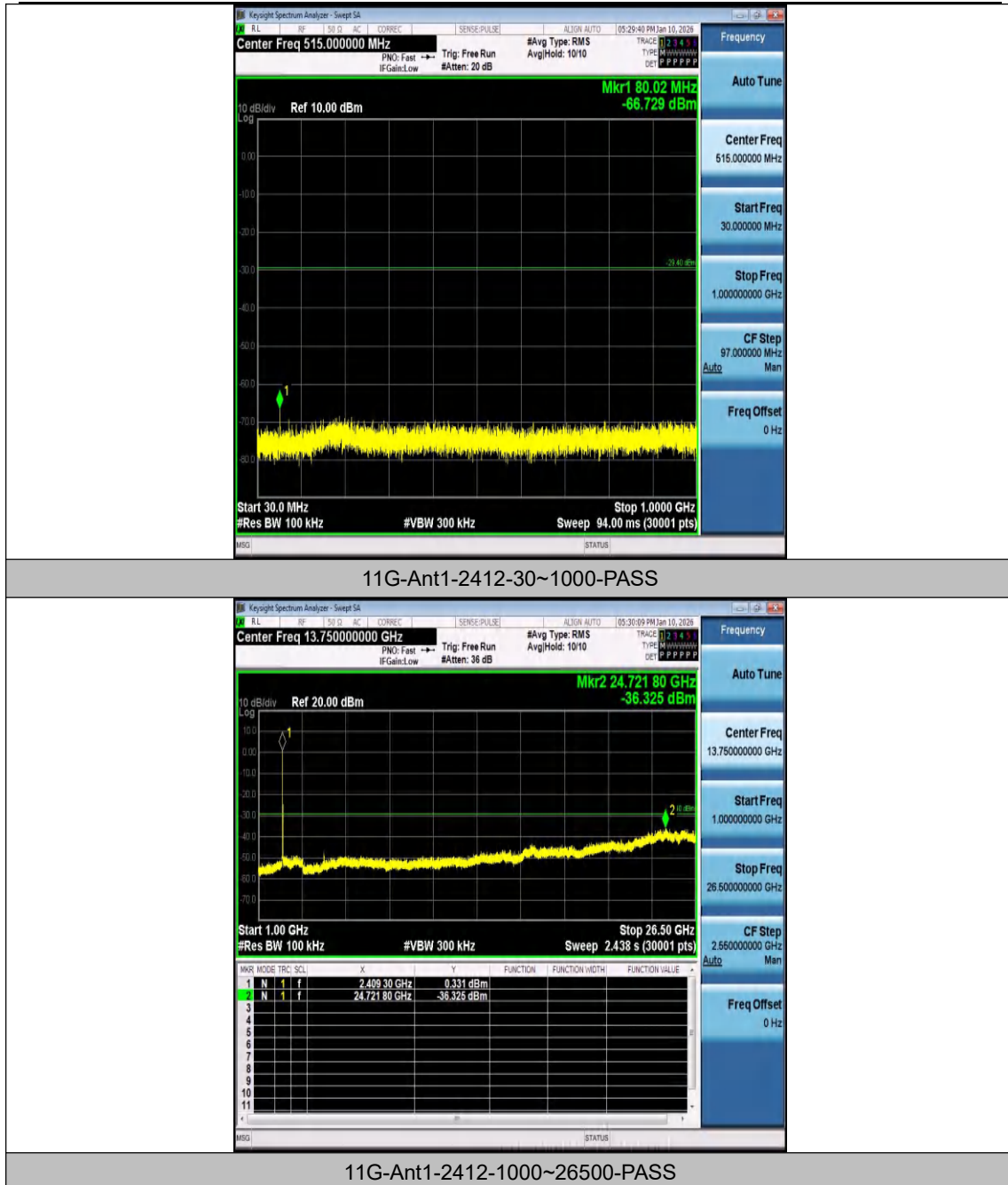
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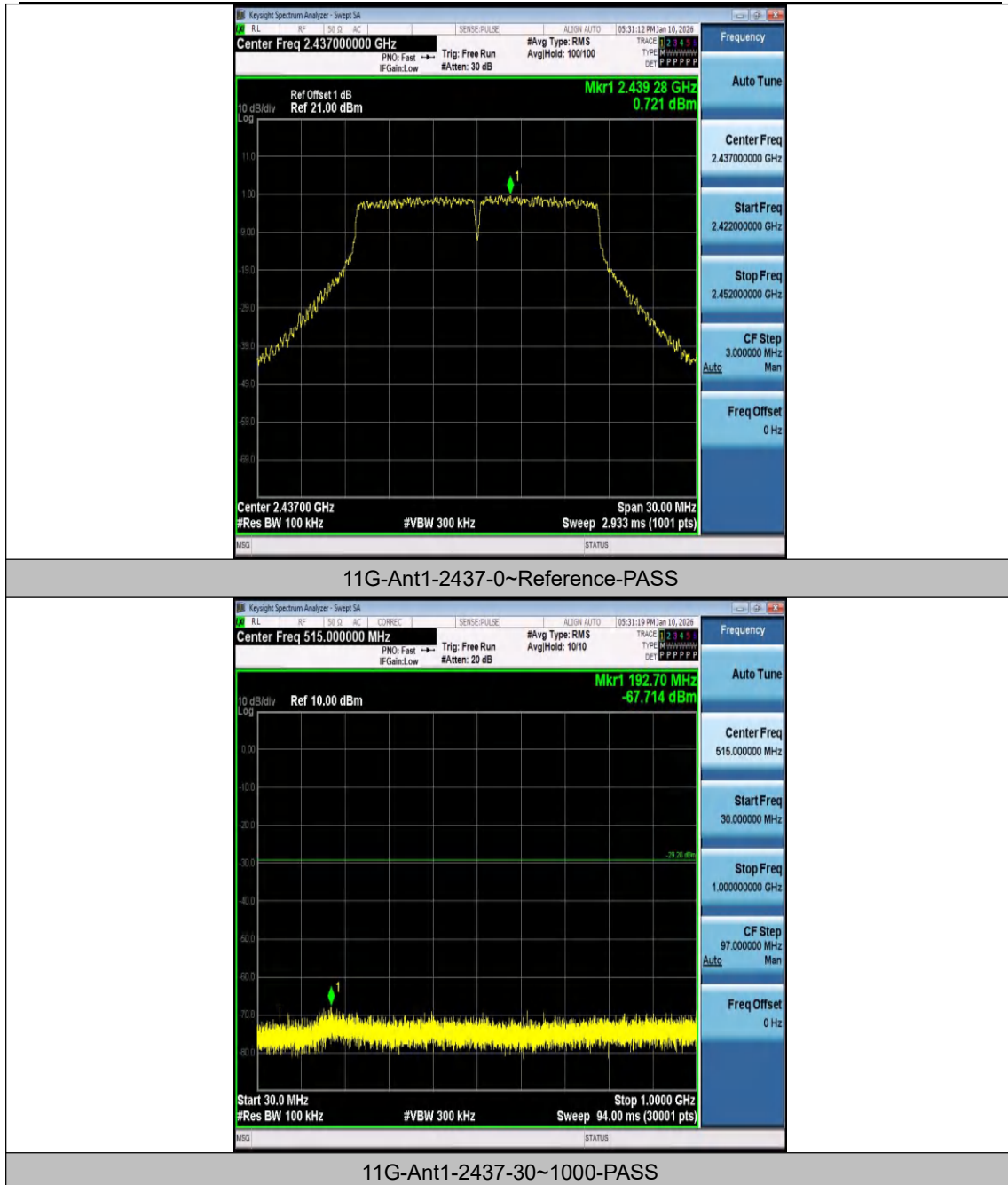


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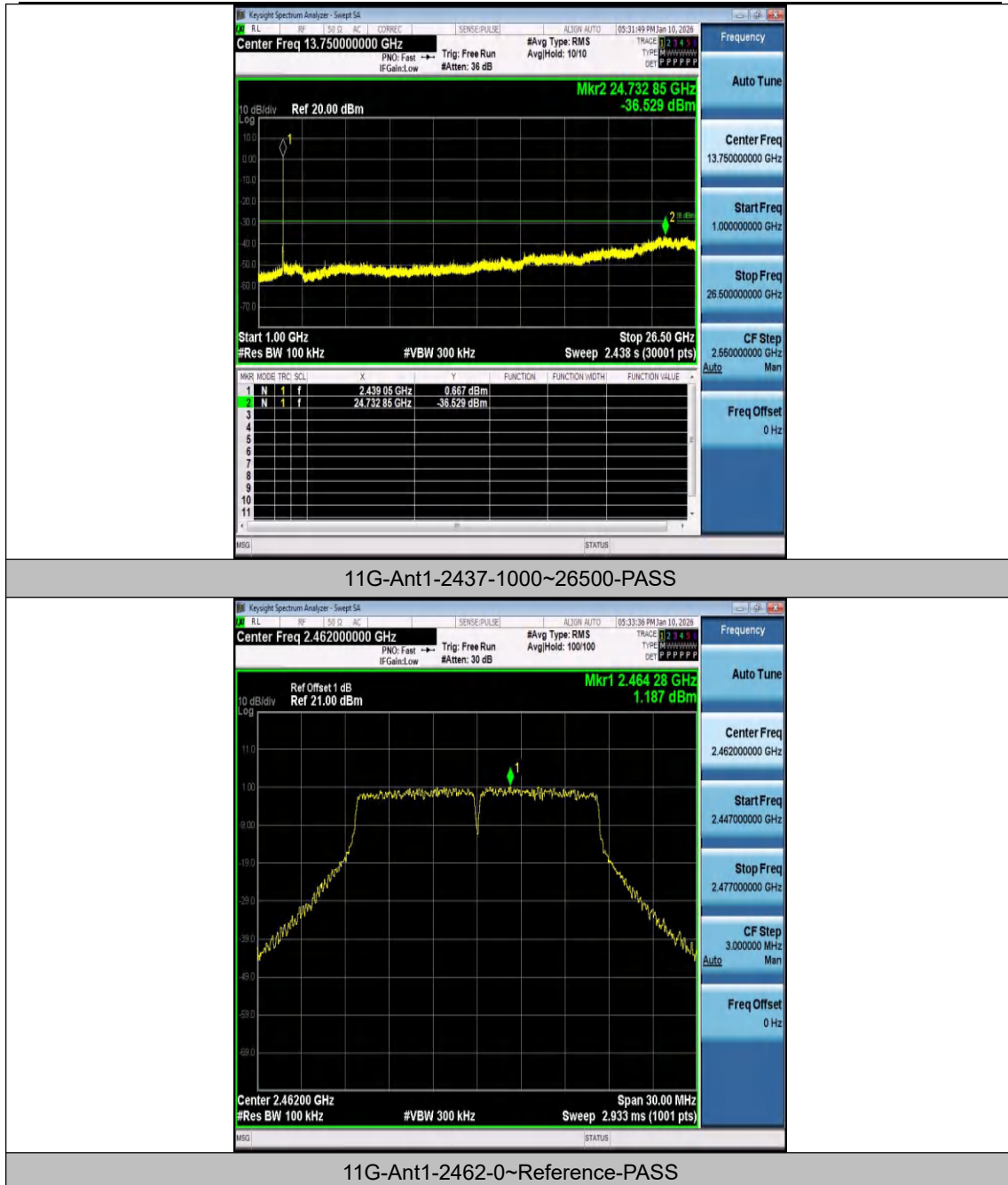




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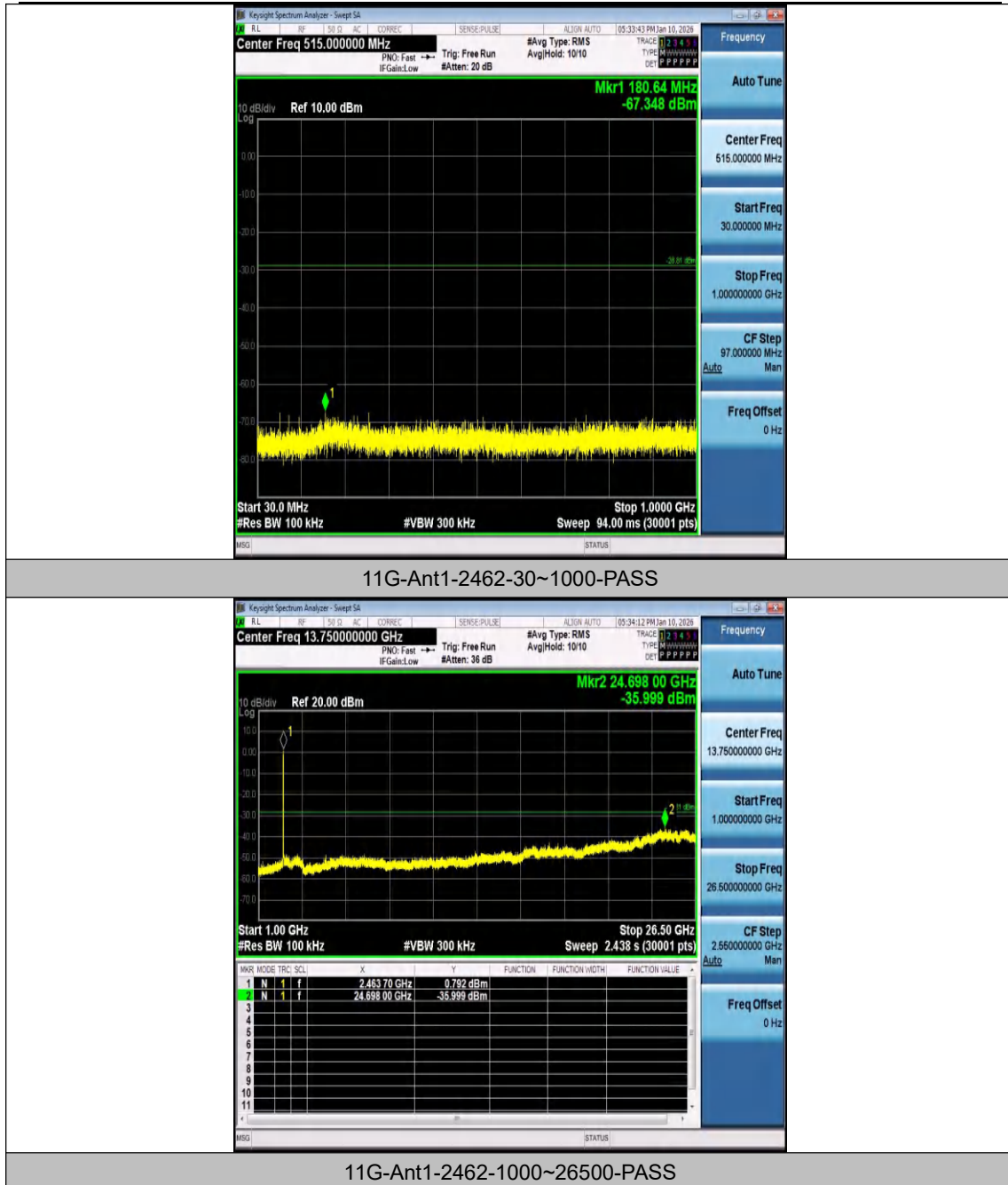
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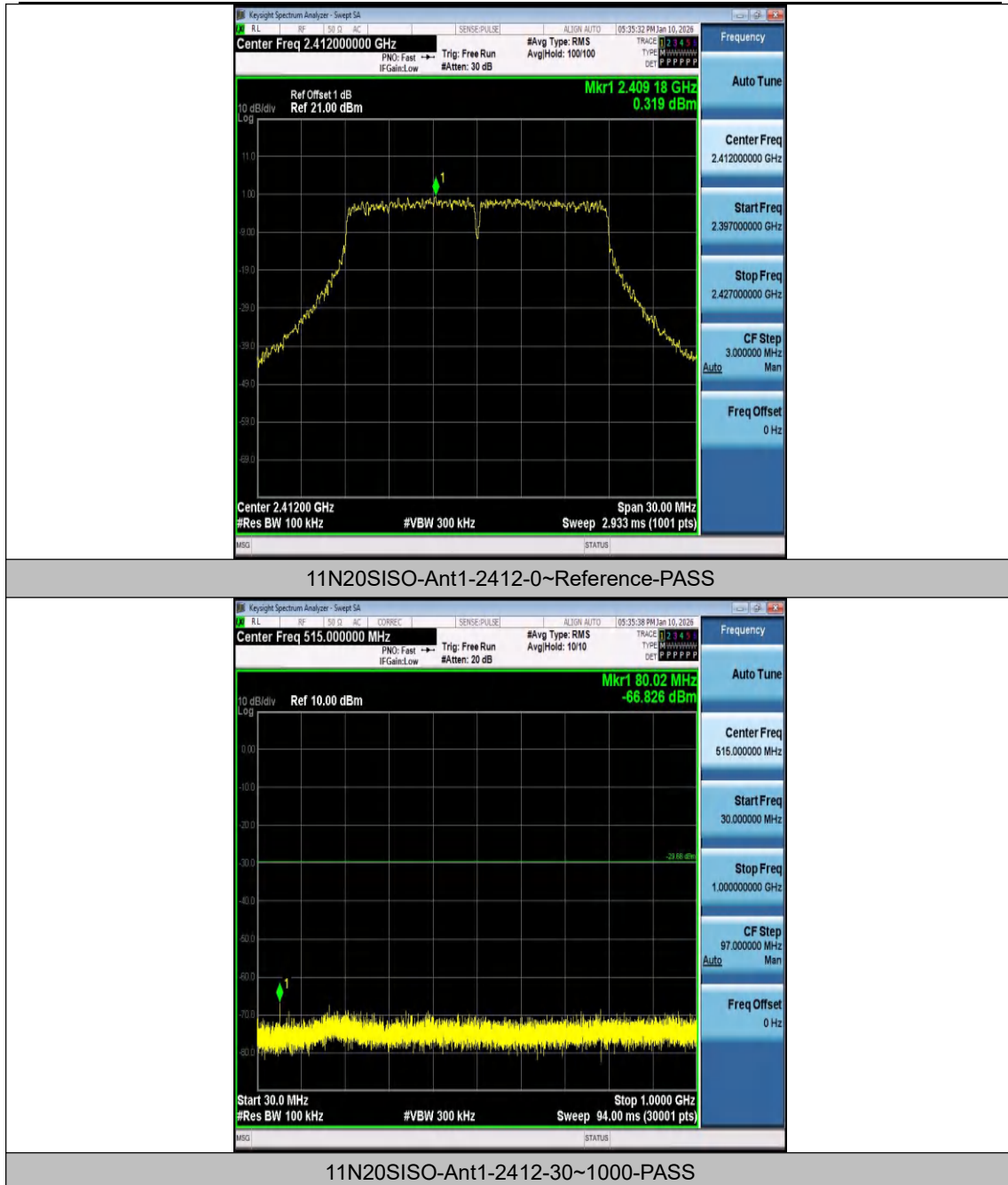
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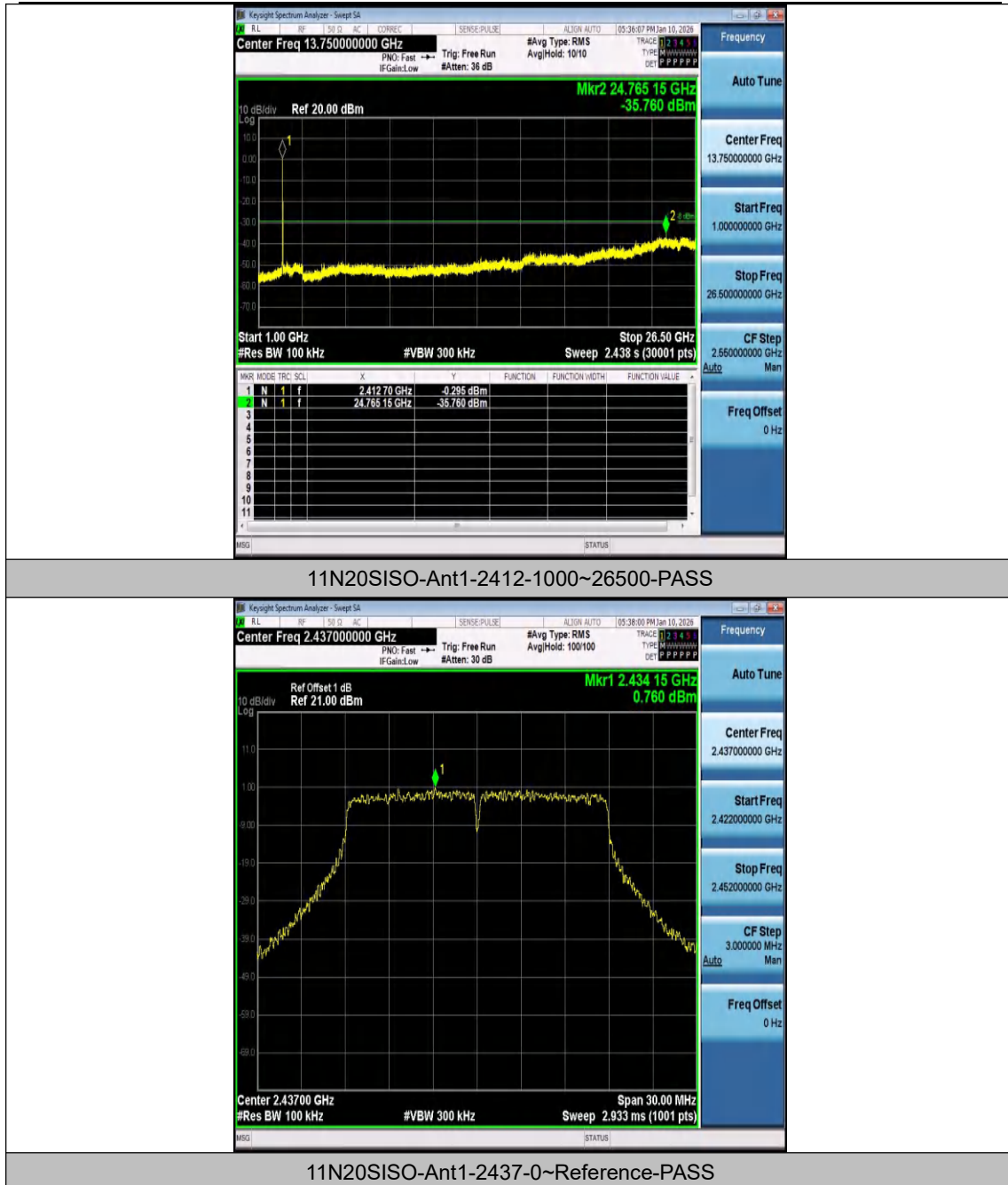
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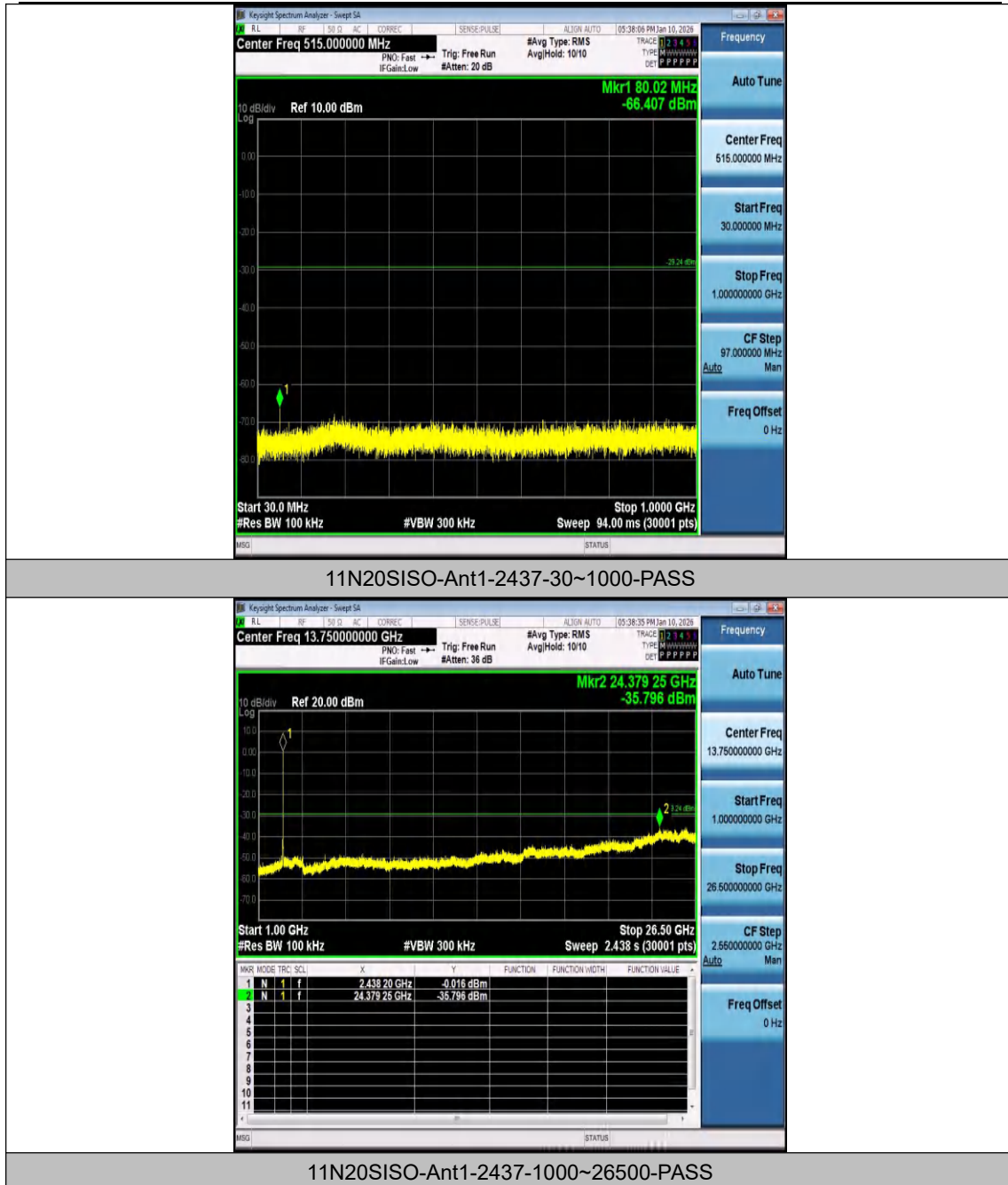
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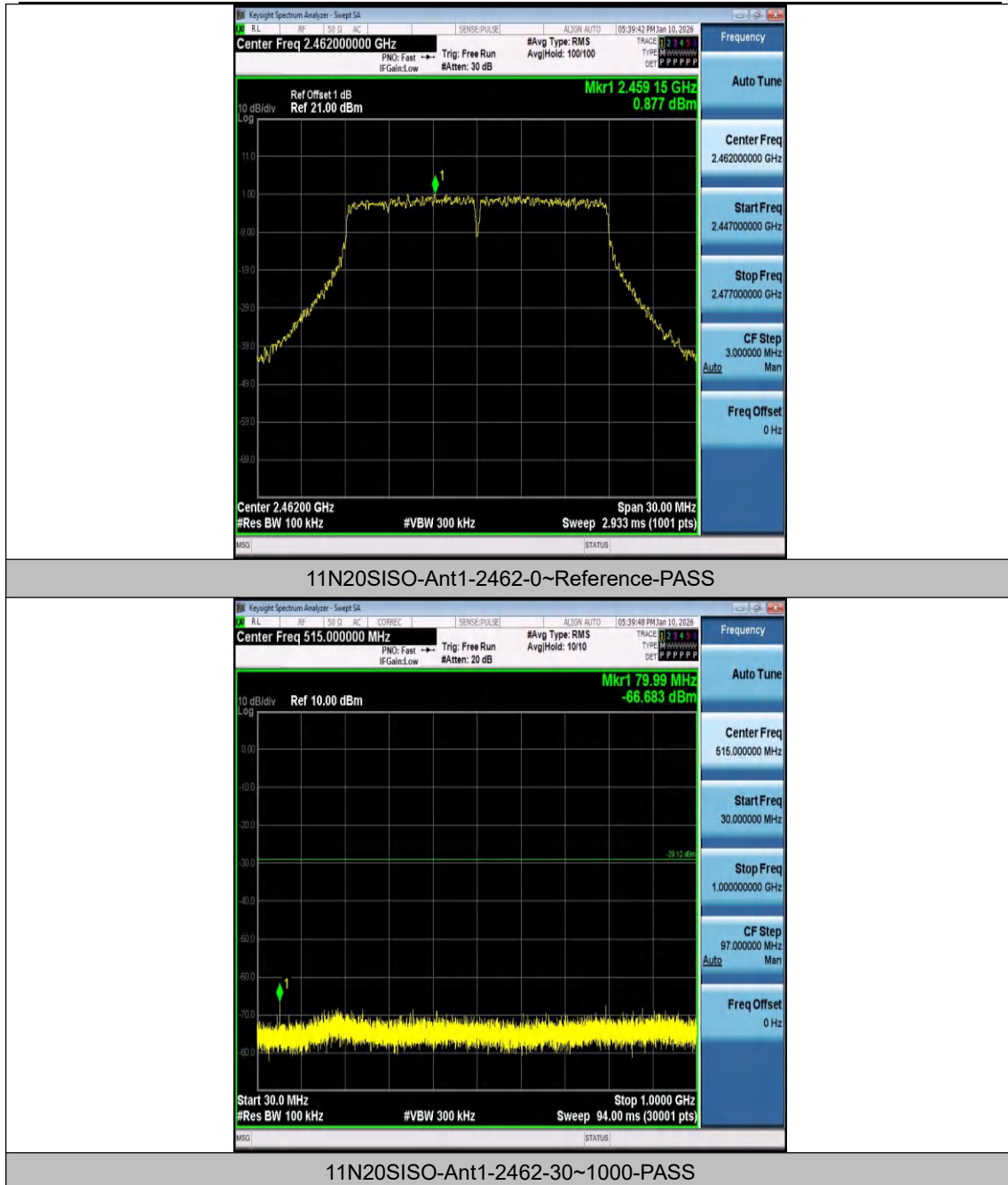


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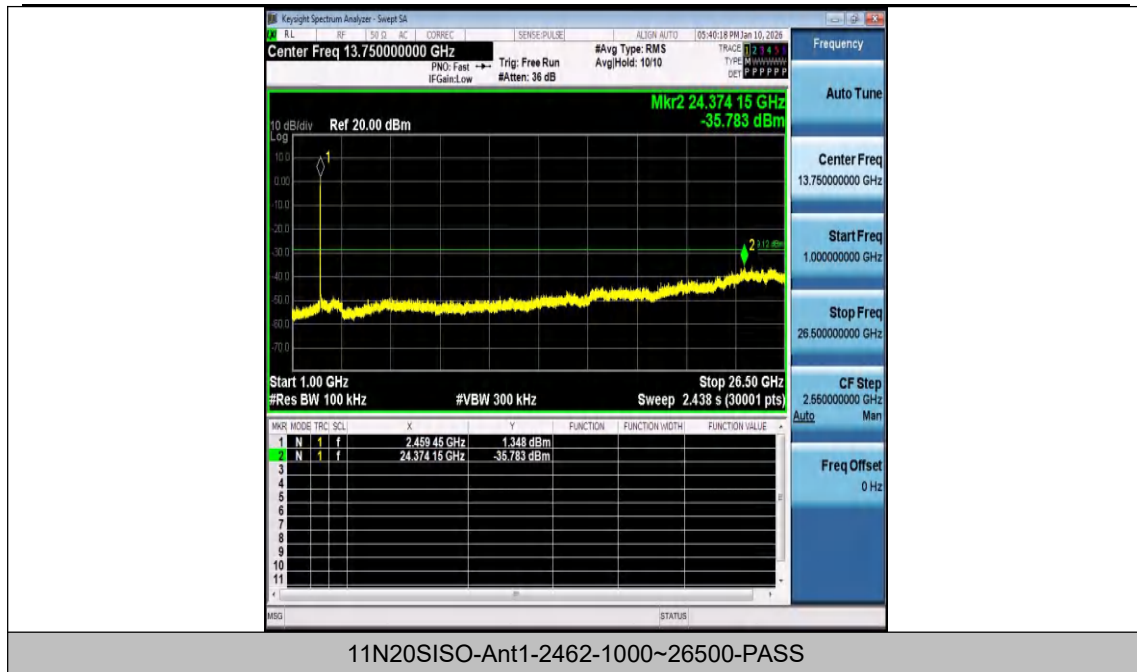




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11N20SISO-Ant1-2462-1000~26500-PASS

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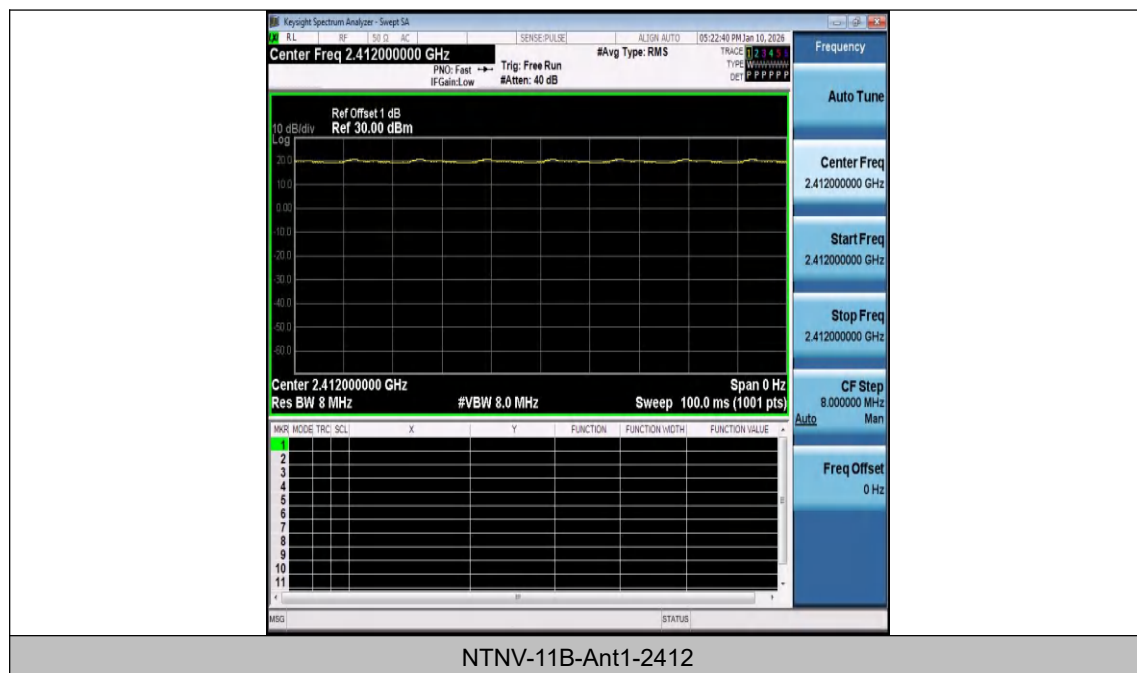
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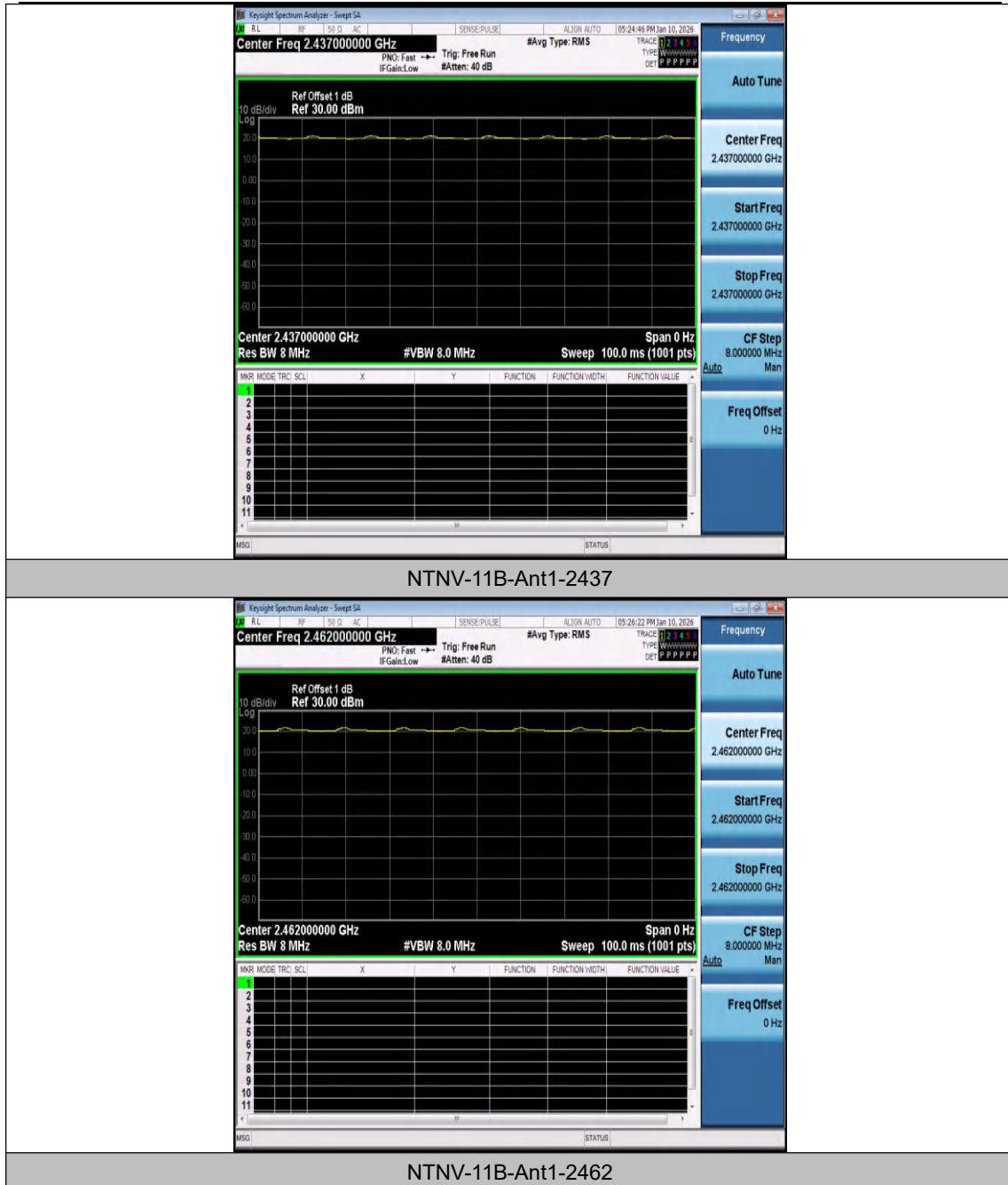
Appendix G: Duty Cycle

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

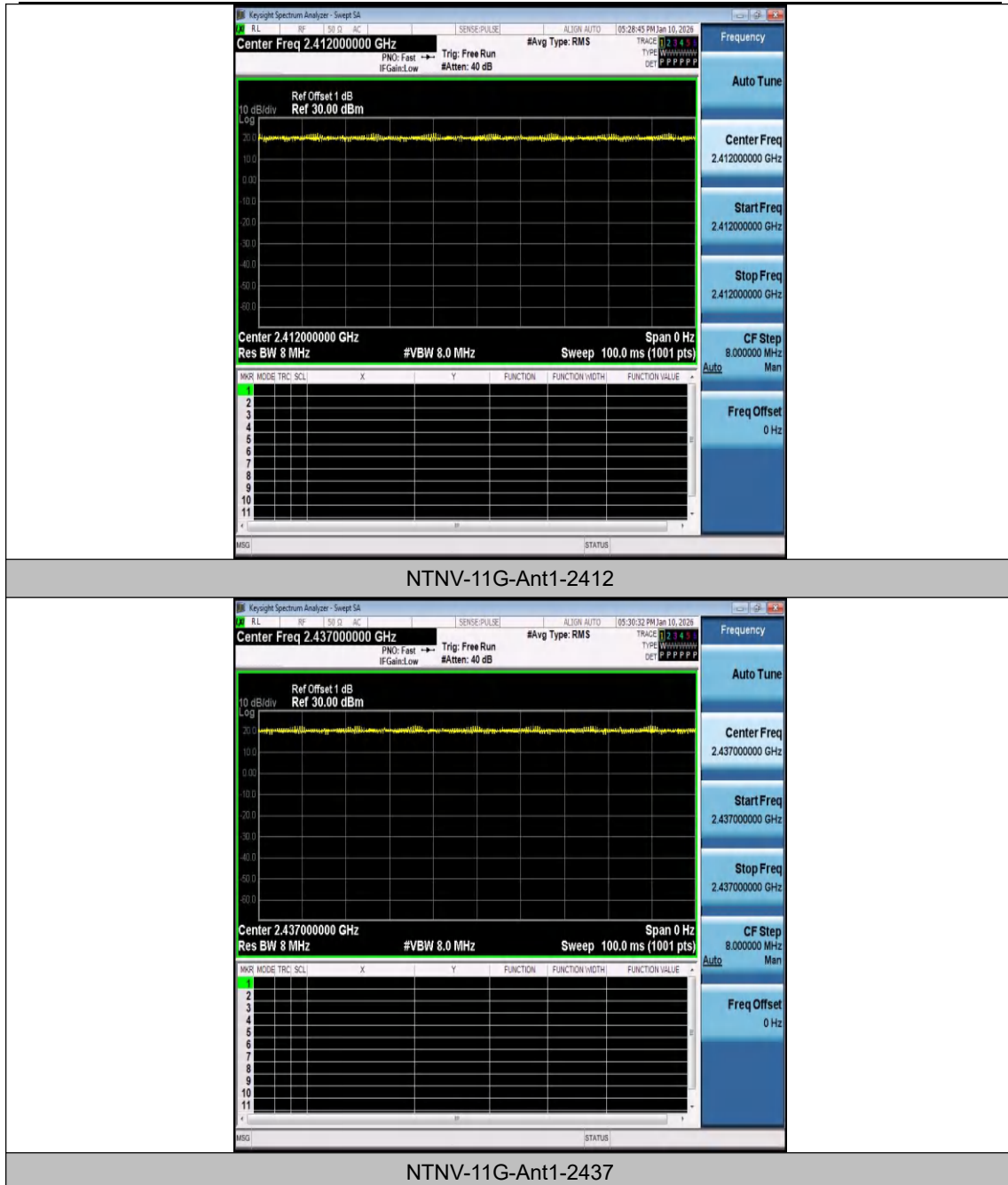




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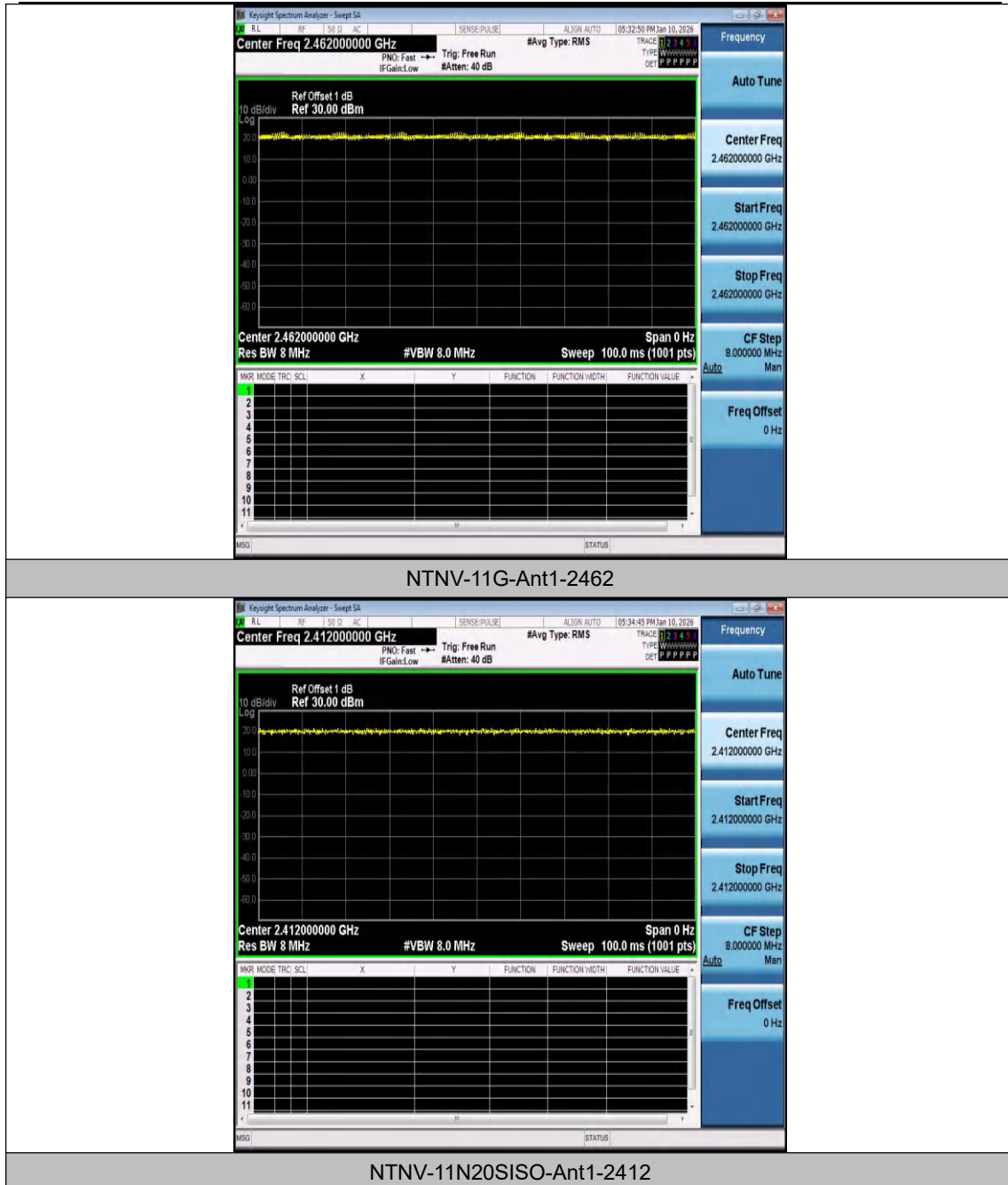
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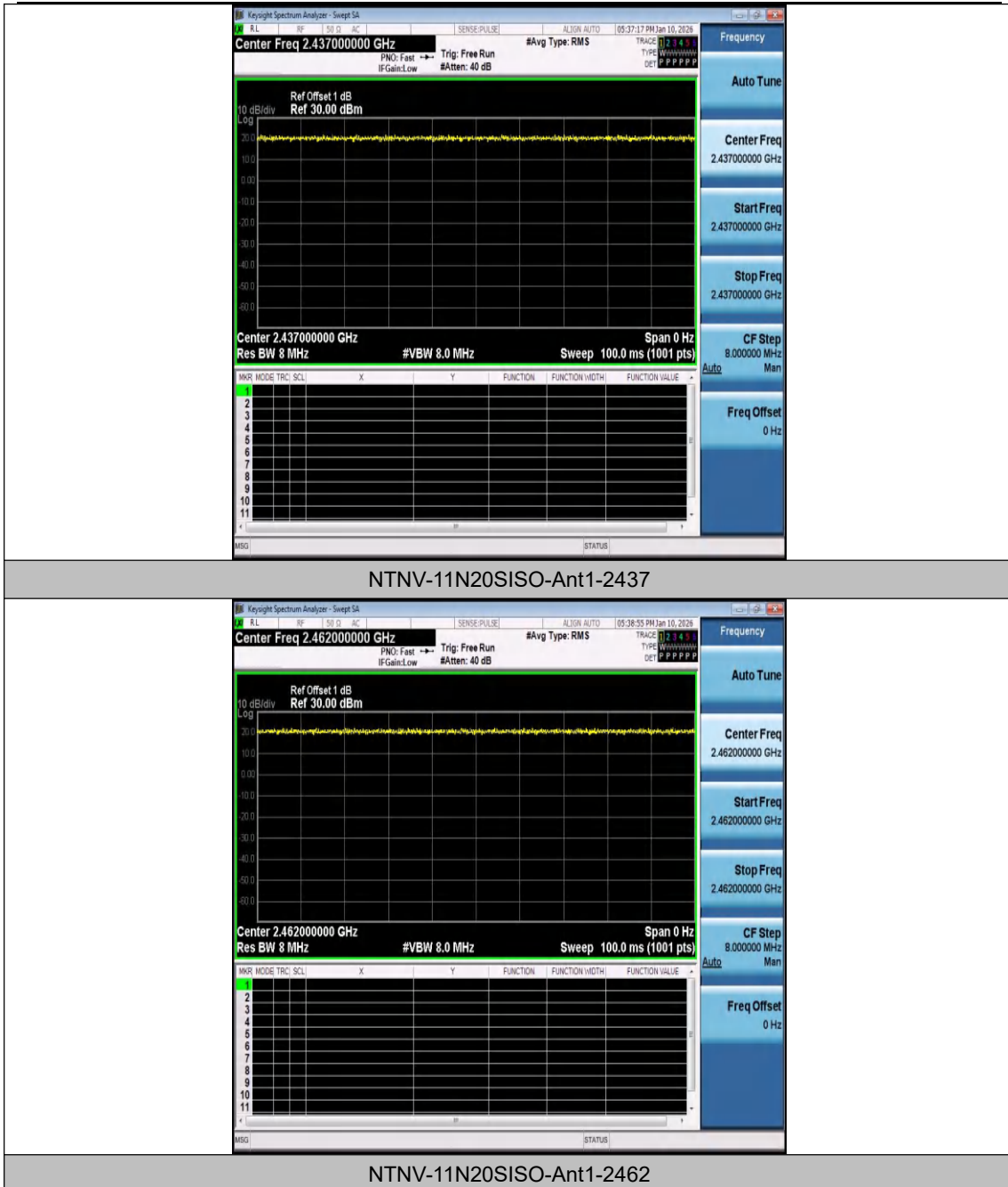
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