

Appendix Test Data

Report No.:	1812C60061912501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-1-23	Finish Test Date:	2026-1-28
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	22.8℃	Relative Humidity:	45%
Pressure:	101kPa		

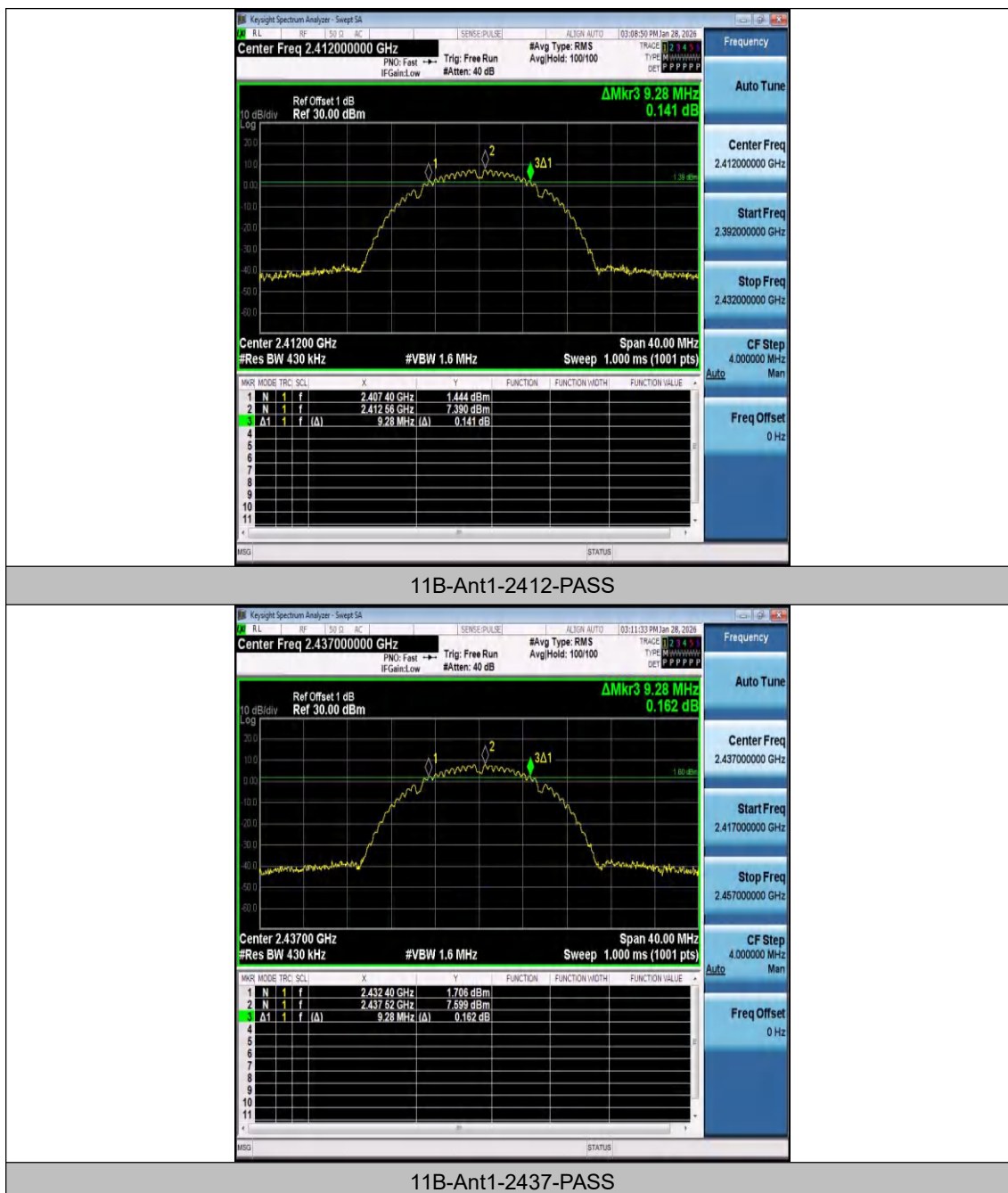


Appendix A: 6dB Bandwidth

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	16.440	2403.840	2420.280	0.5	PASS
11G	Ant1	2437	16.400	2428.880	2445.280	0.5	PASS
11G	Ant1	2462	16.320	2453.920	2470.240	0.5	PASS
11N20SISO	Ant1	2412	17.560	2403.240	2420.800	0.5	PASS
11N20SISO	Ant1	2437	17.640	2428.240	2445.880	0.5	PASS
11N20SISO	Ant1	2462	17.720	2453.200	2470.920	0.5	PASS

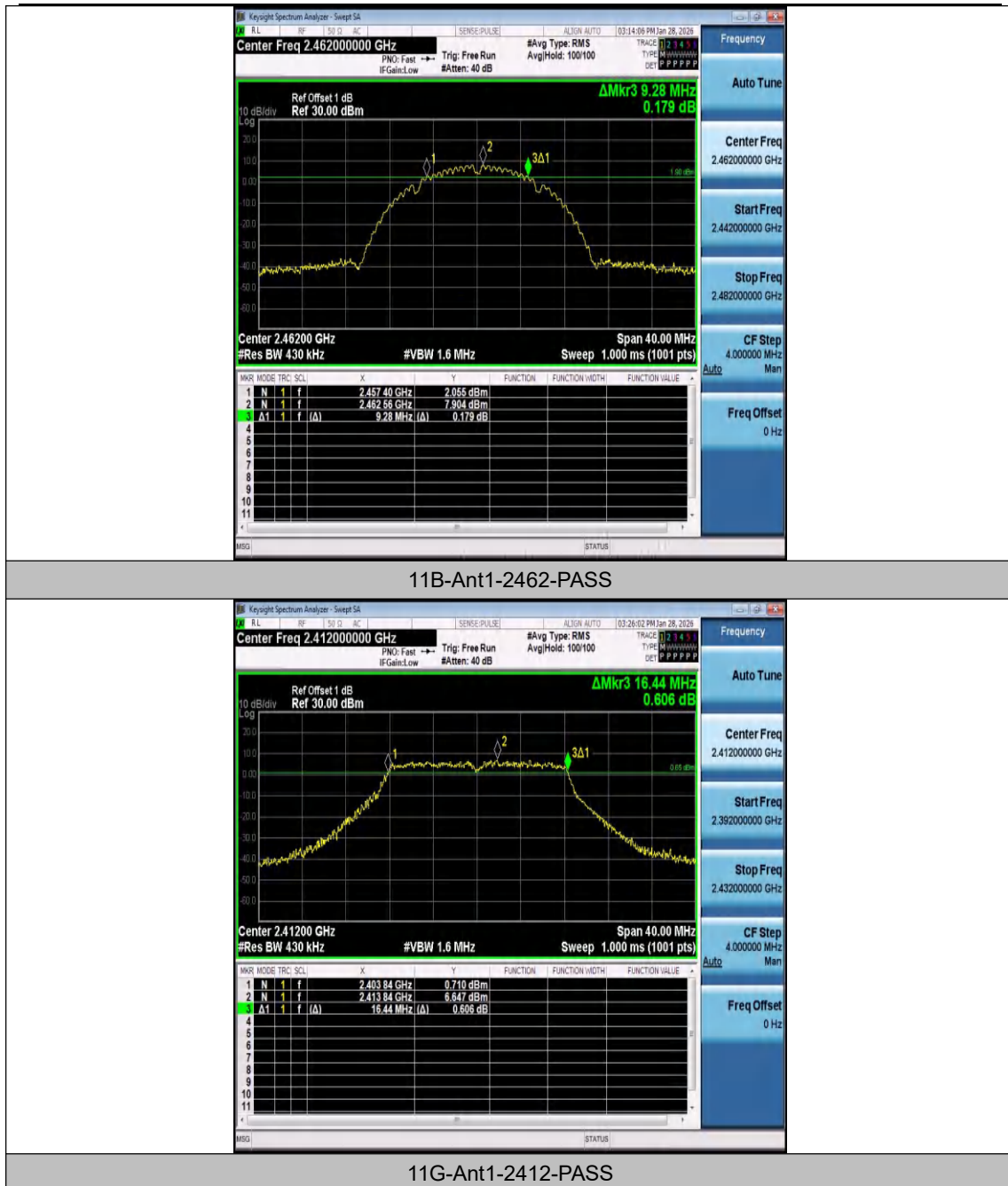
Test Graphs

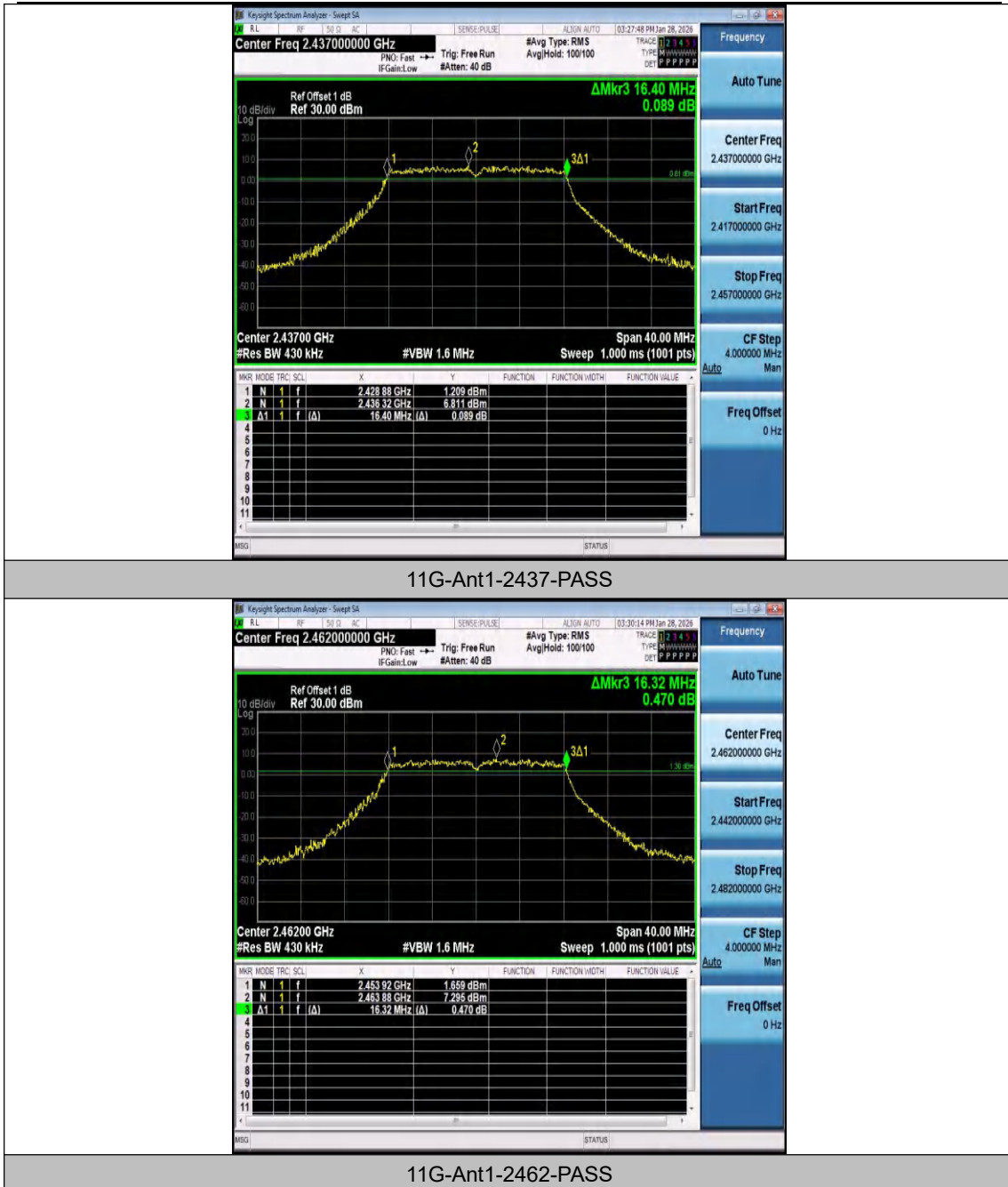


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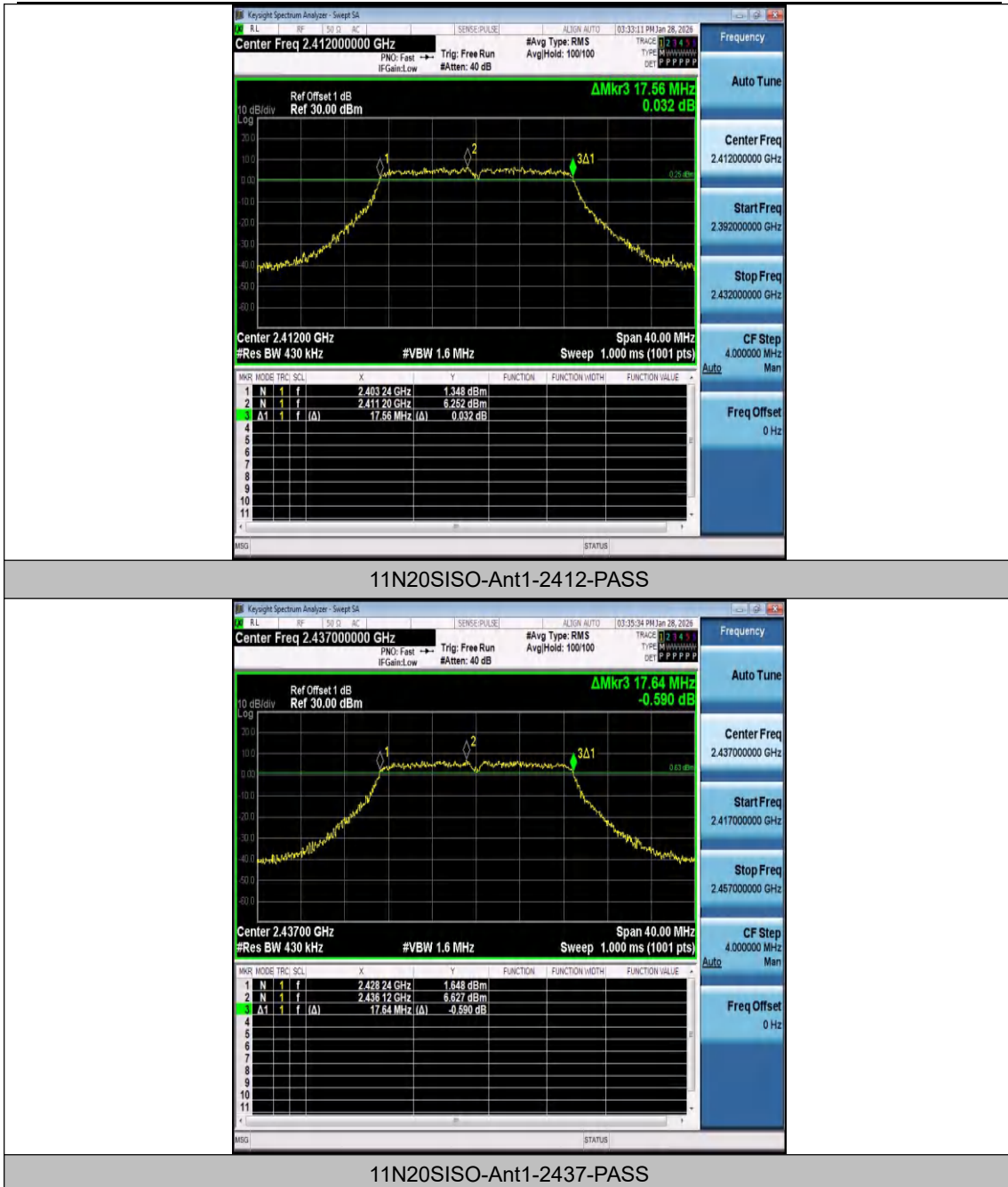




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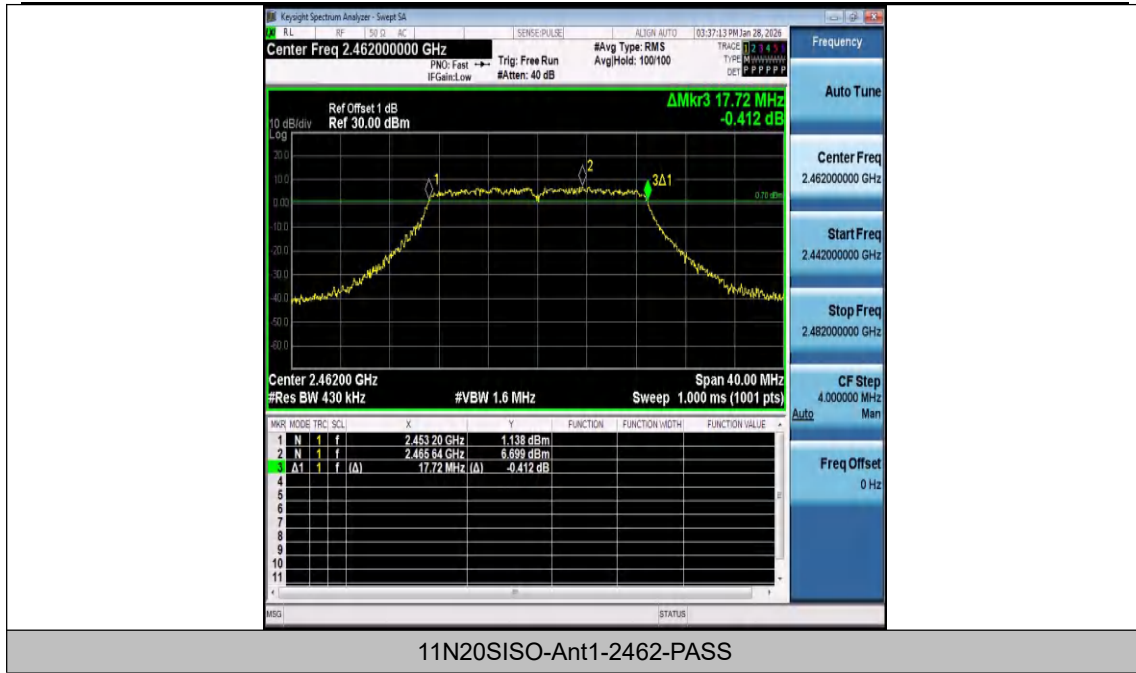
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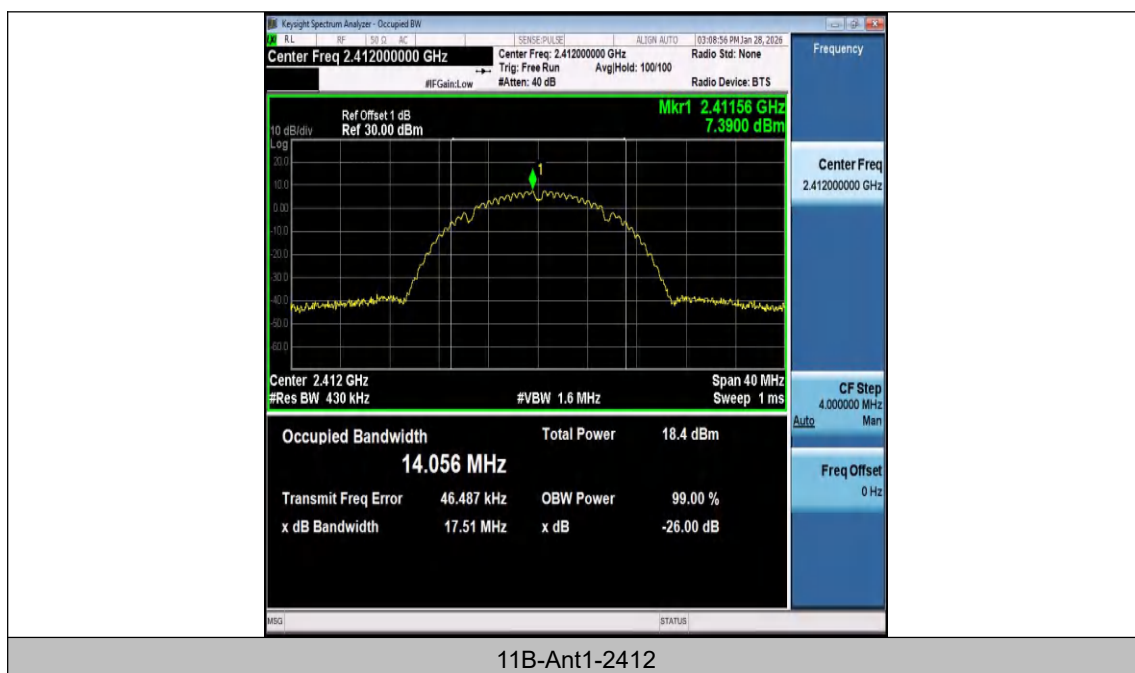
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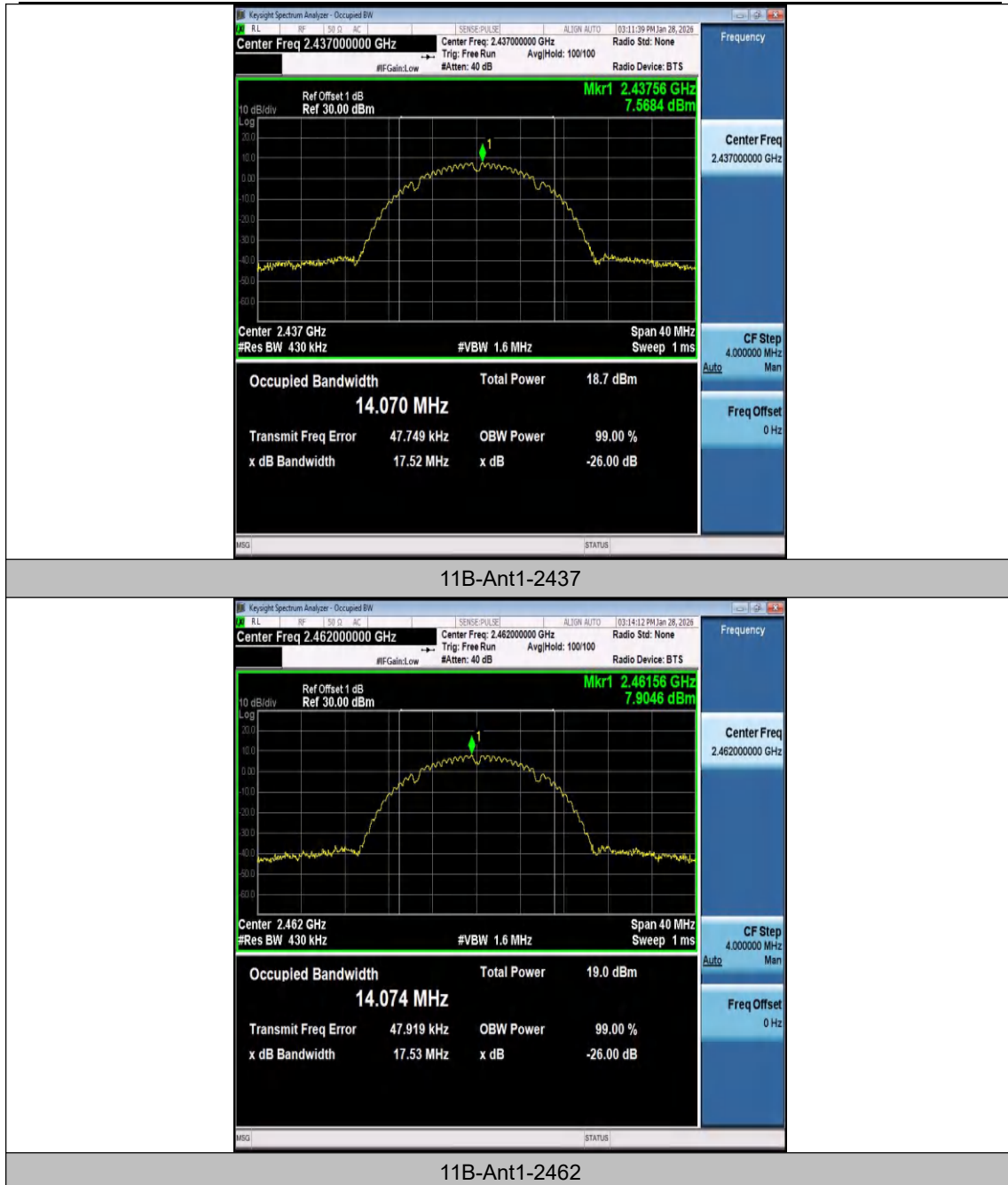
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.056	2405.0185	2419.0745	---	---
11B	Ant1	2437	14.070	2430.0128	2444.0828	---	---
11B	Ant1	2462	14.074	2455.0109	2469.0849	---	---
11G	Ant1	2412	17.083	2403.4207	2420.5037	---	---
11G	Ant1	2437	17.058	2428.4639	2445.5219	---	---
11G	Ant1	2462	17.079	2453.4292	2470.5082	---	---
11N20SISO	Ant1	2412	18.129	2402.9753	2421.1043	---	---
11N20SISO	Ant1	2437	18.121	2428.0059	2446.1269	---	---
11N20SISO	Ant1	2462	18.152	2452.9617	2471.1137	---	---

Test Graphs





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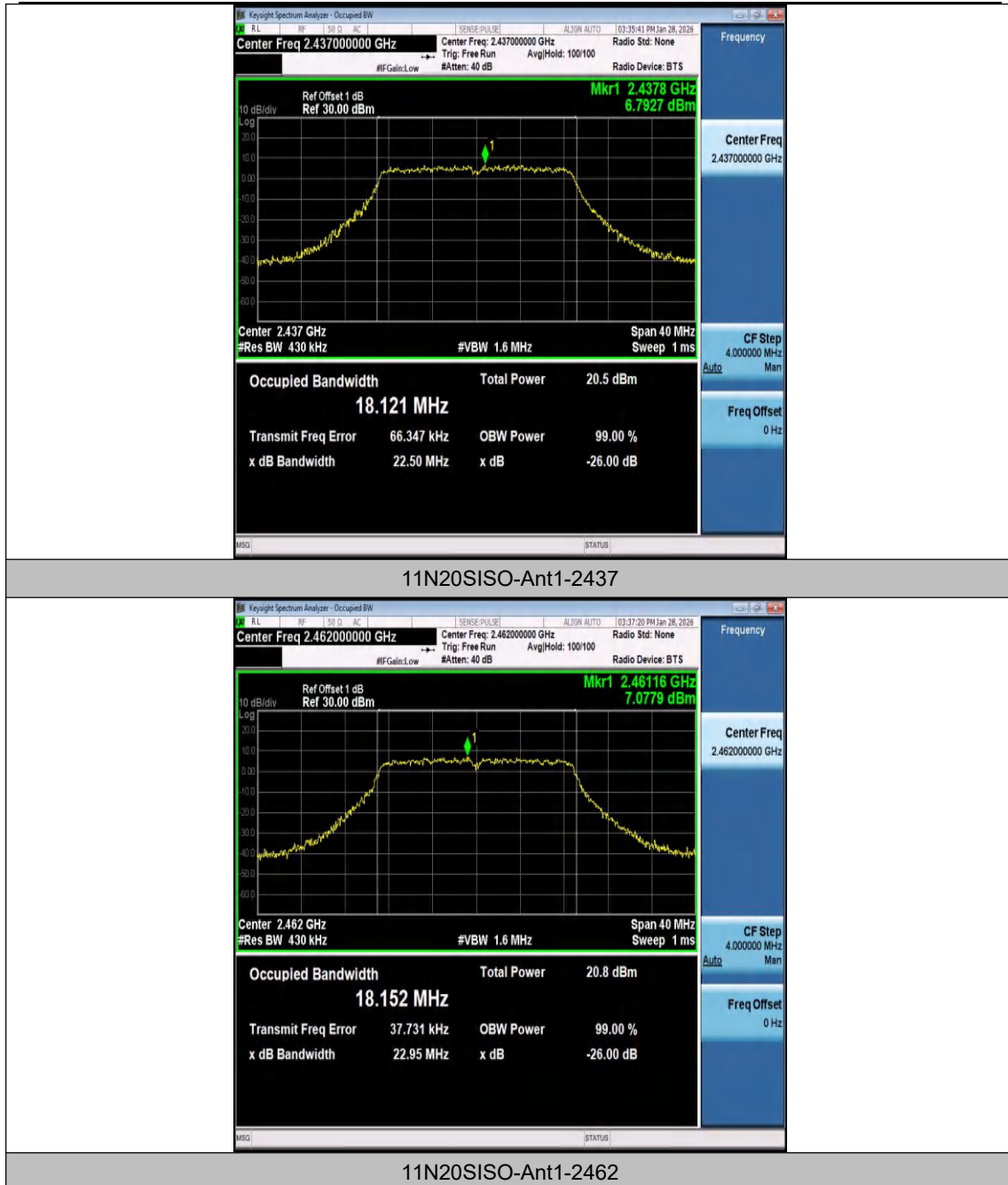
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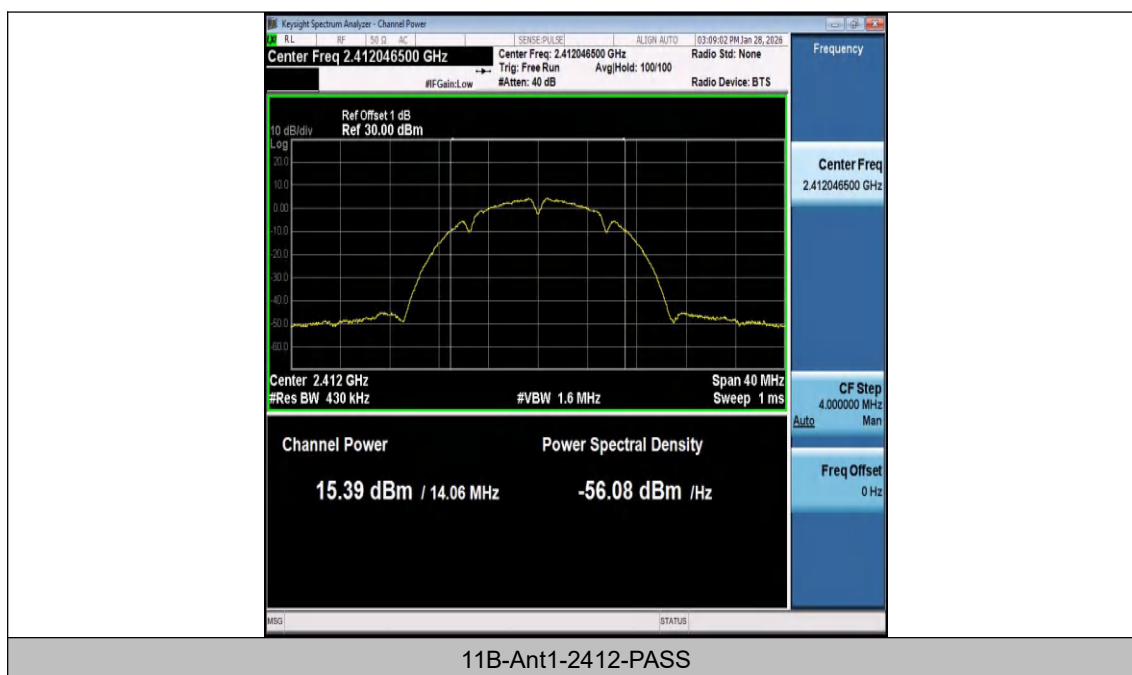
Appendix C: Maximum conducted output power

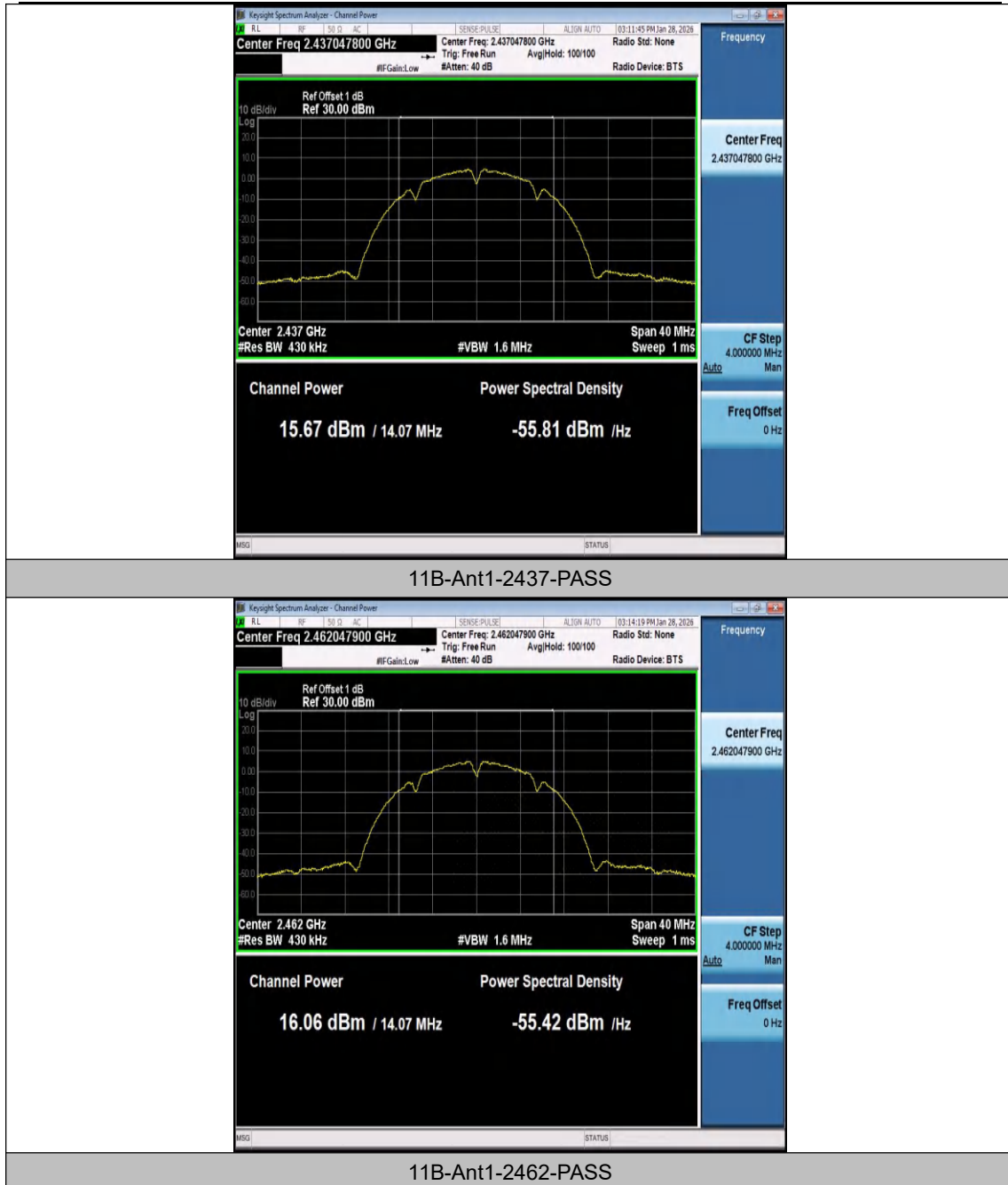
Test Result Average

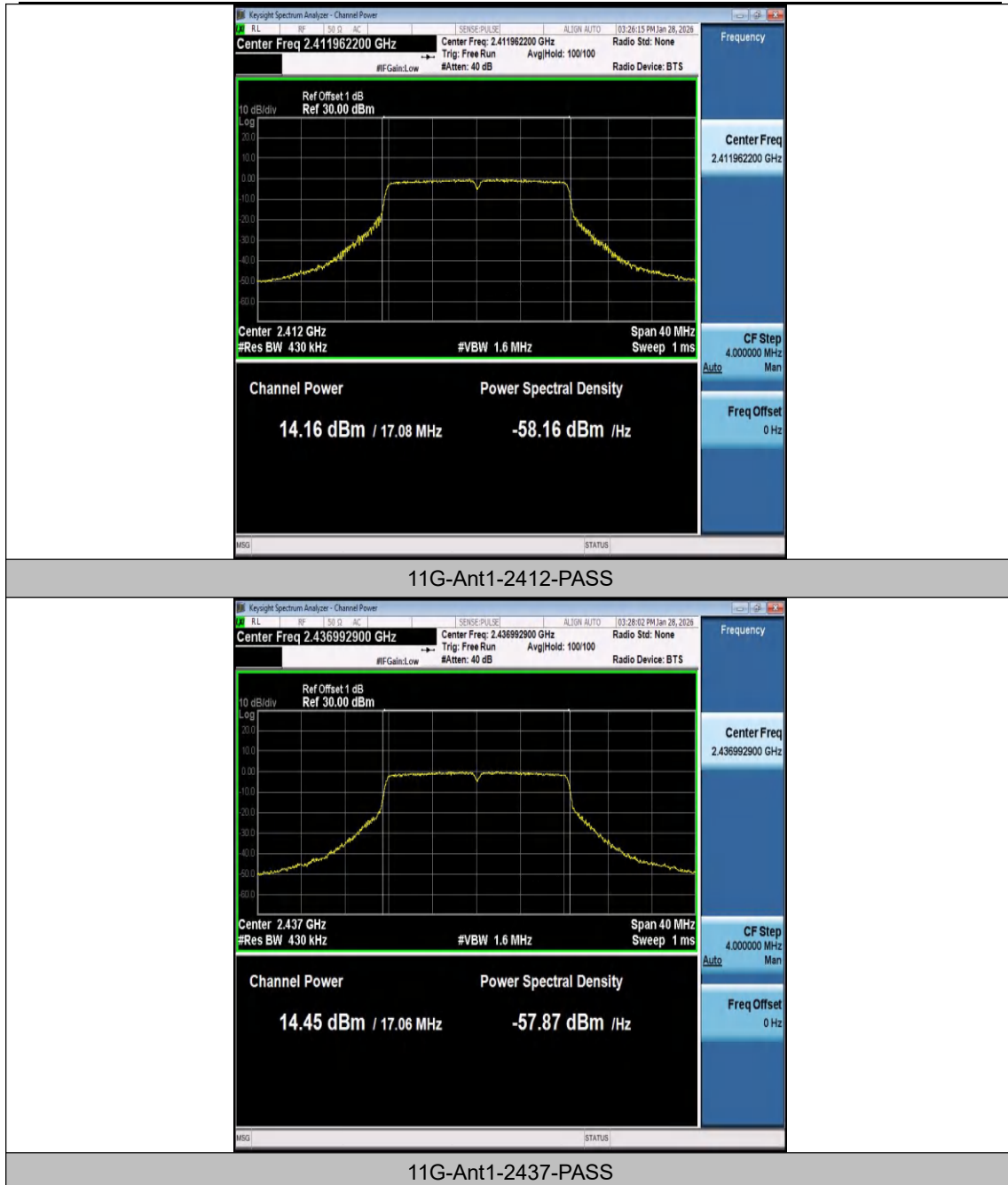
Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	15.39	≤30.00	PASS
11B	Ant1	2437	15.67	≤30.00	PASS
11B	Ant1	2462	16.06	≤30.00	PASS
11G	Ant1	2412	14.16	≤30.00	PASS
11G	Ant1	2437	14.45	≤30.00	PASS
11G	Ant1	2462	14.81	≤30.00	PASS
11N20SISO	Ant1	2412	14.09	≤30.00	PASS
11N20SISO	Ant1	2437	14.32	≤30.00	PASS
11N20SISO	Ant1	2462	14.69	≤30.00	PASS

Note: The cable loss are compensated in the graph.

Test Graphs Average



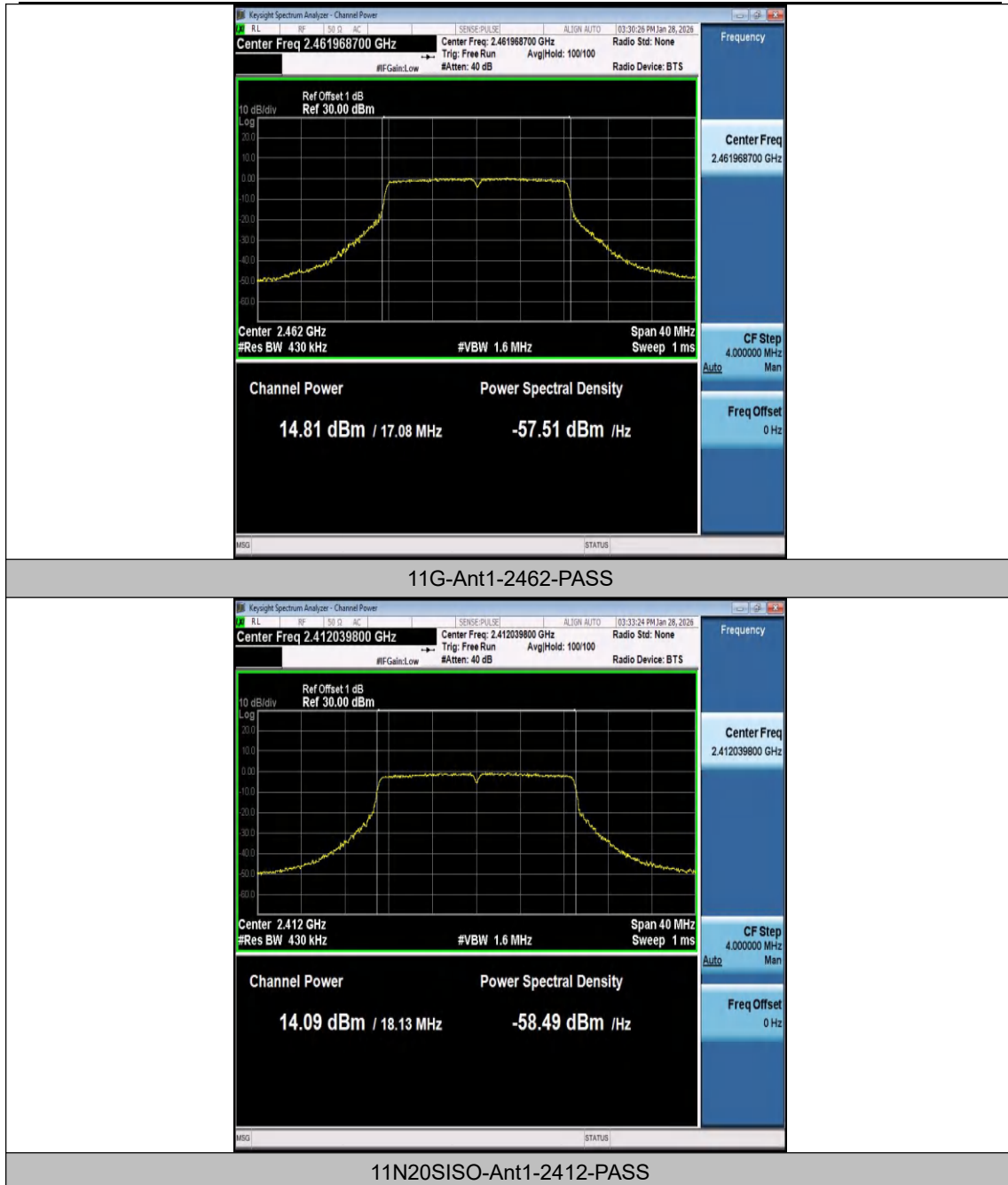


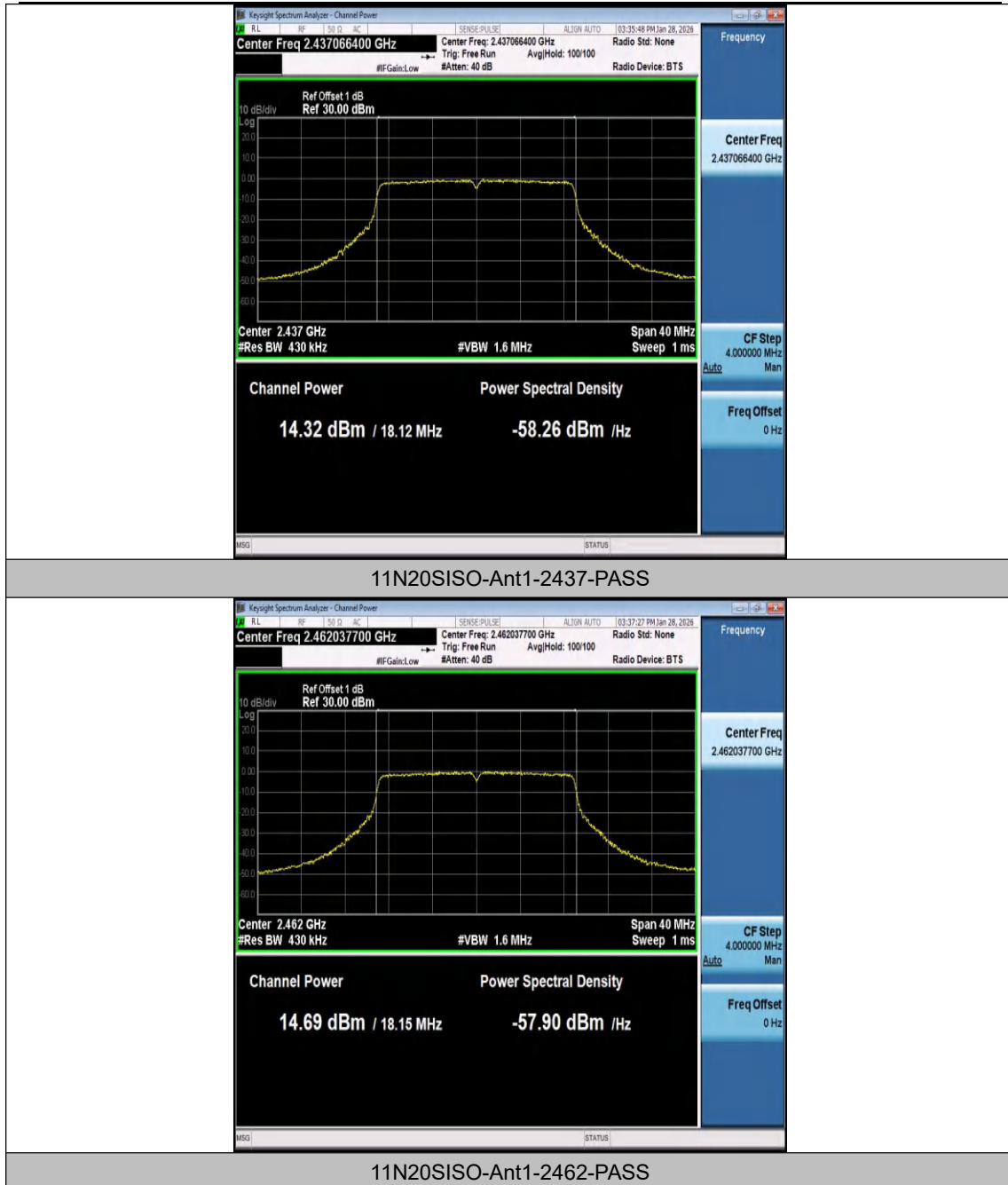


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Appendix D: Maximum power spectral density

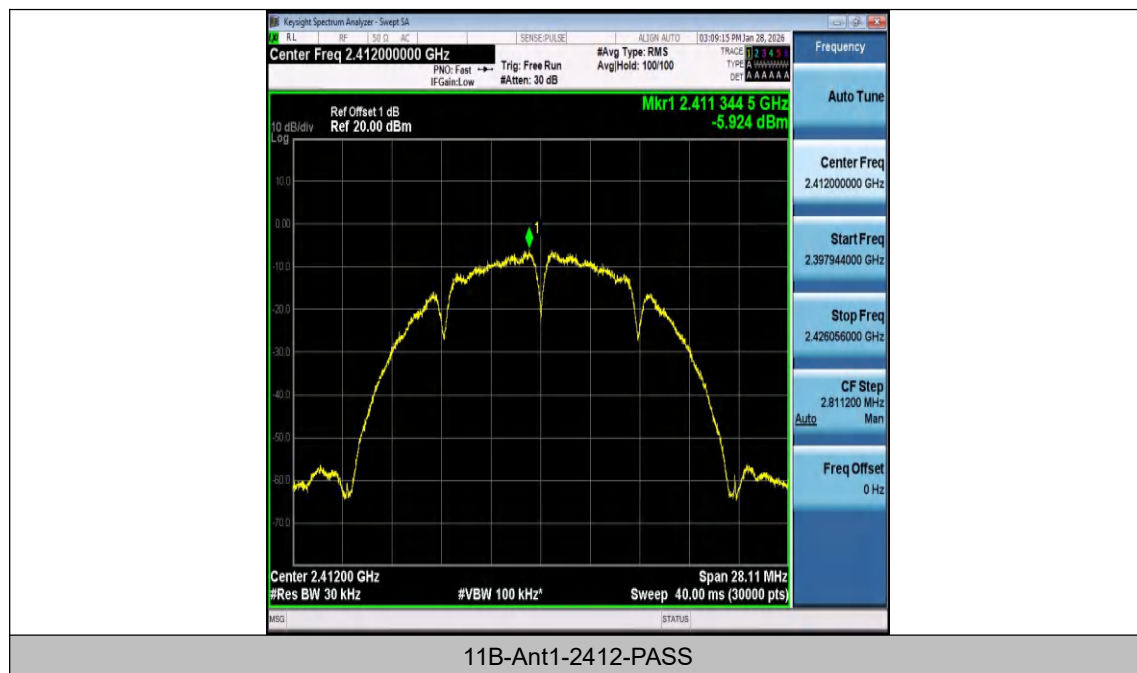
Test Result

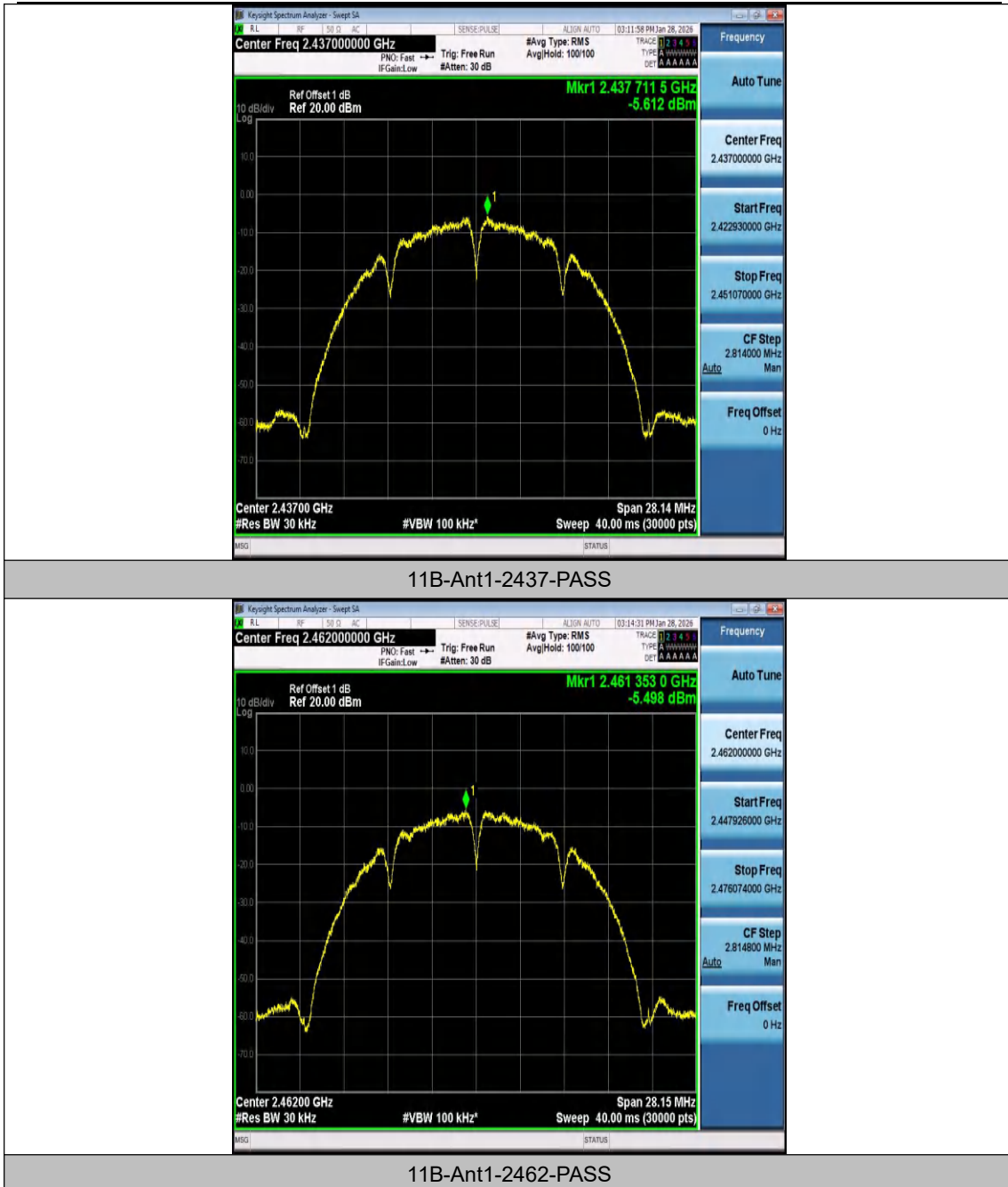
Test Mode	Antenna	Frequency[MHz]	Result[dBm/30kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-5.92	≤8.00	PASS
11B	Ant1	2437	-5.61	≤8.00	PASS
11B	Ant1	2462	-5.50	≤8.00	PASS
11G	Ant1	2412	-10.11	≤8.00	PASS
11G	Ant1	2437	-10.04	≤8.00	PASS
11G	Ant1	2462	-9.47	≤8.00	PASS
11N20SISO	Ant1	2412	-10.68	≤8.00	PASS
11N20SISO	Ant1	2437	-10.33	≤8.00	PASS
11N20SISO	Ant1	2462	-9.87	≤8.00	PASS

Note:

The cable loss are compensated in the graph.

Test Graphs

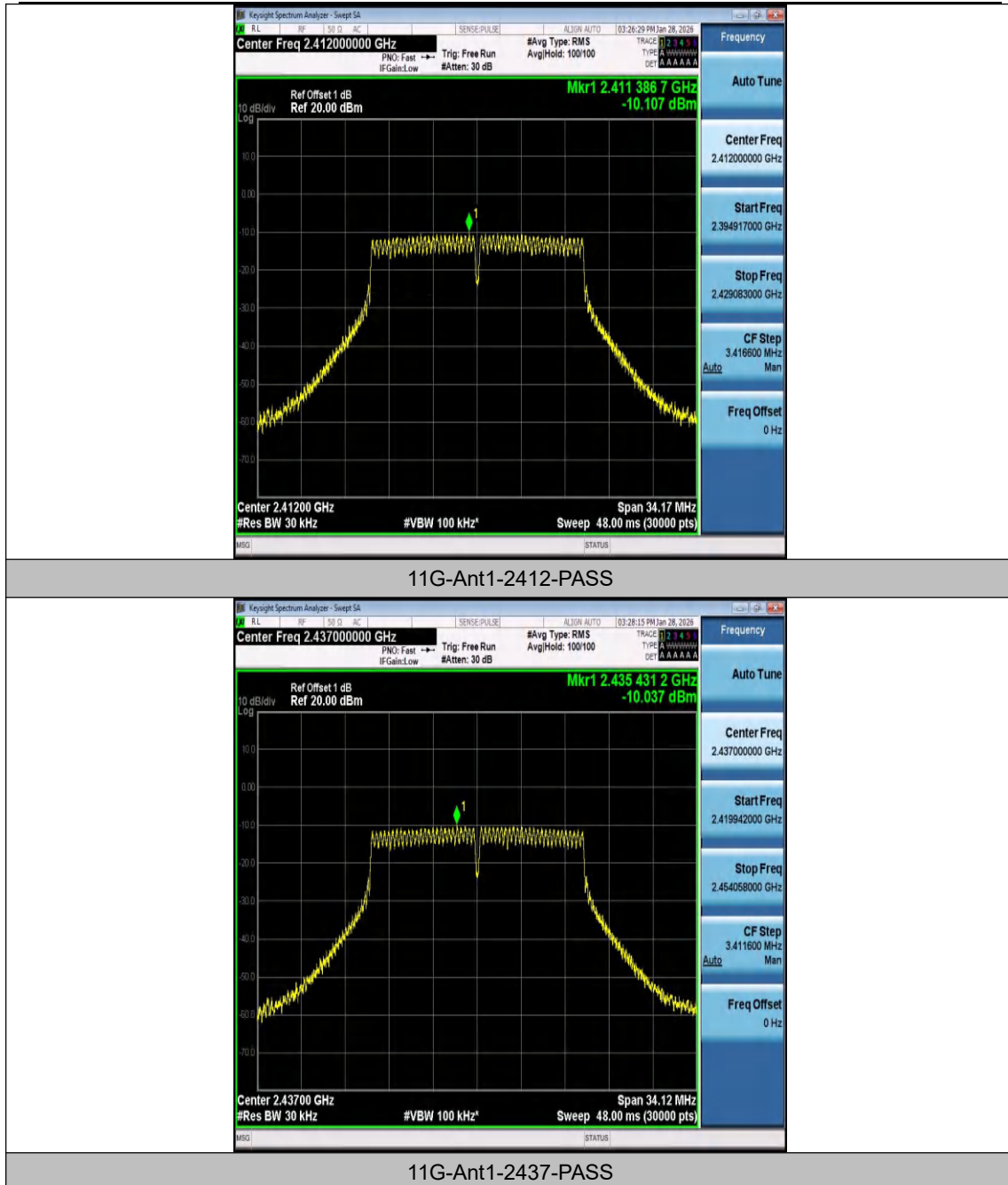




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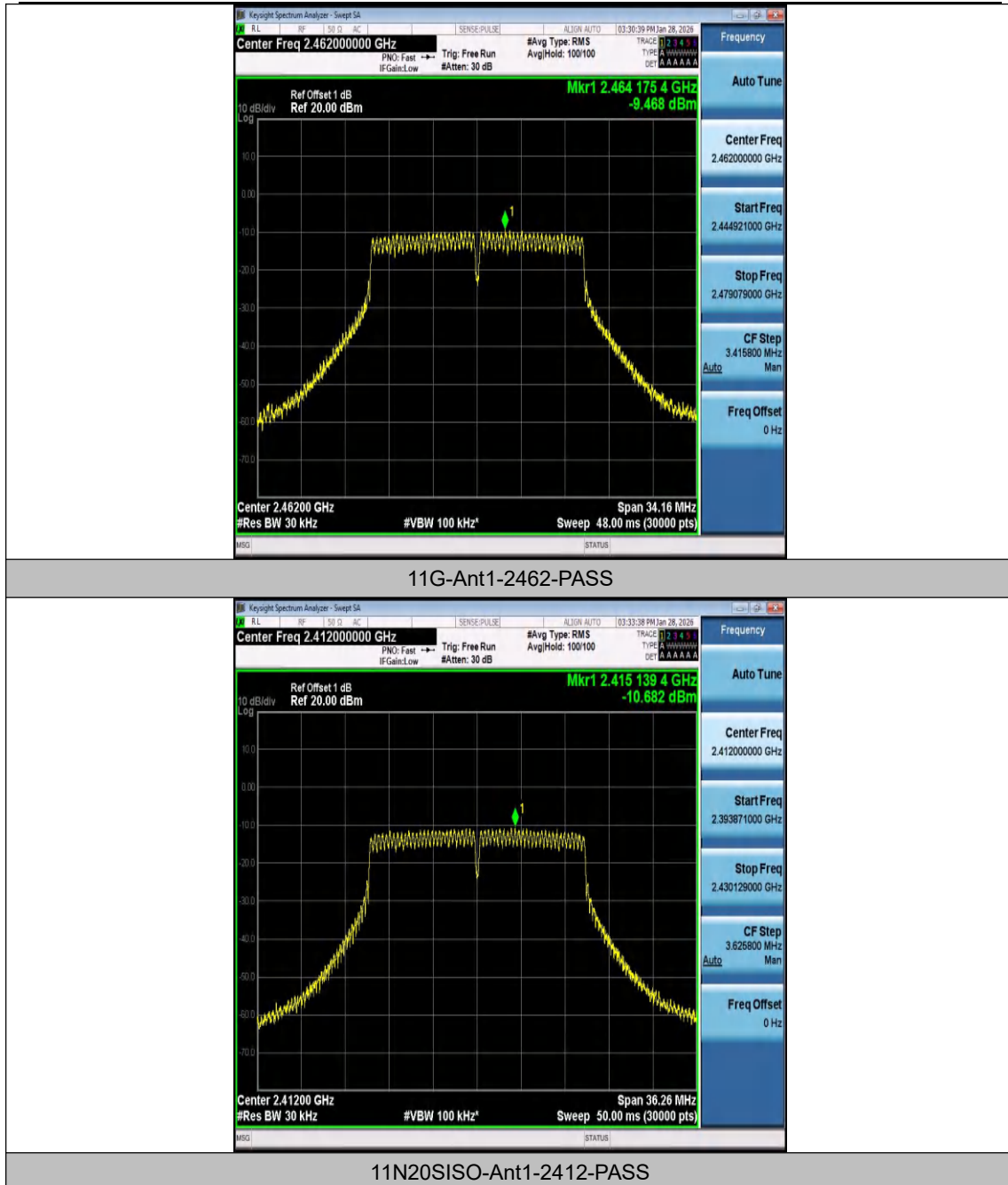
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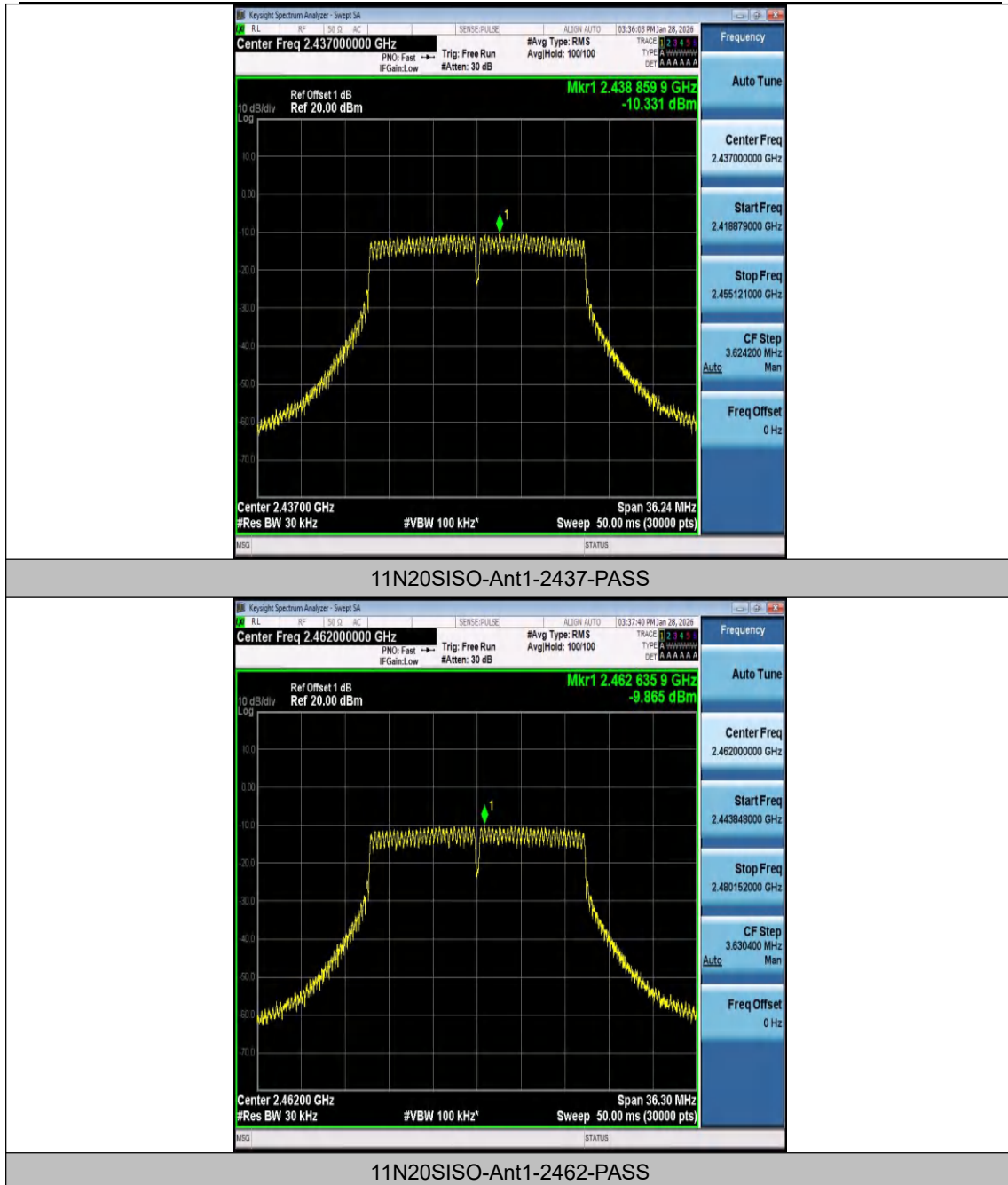
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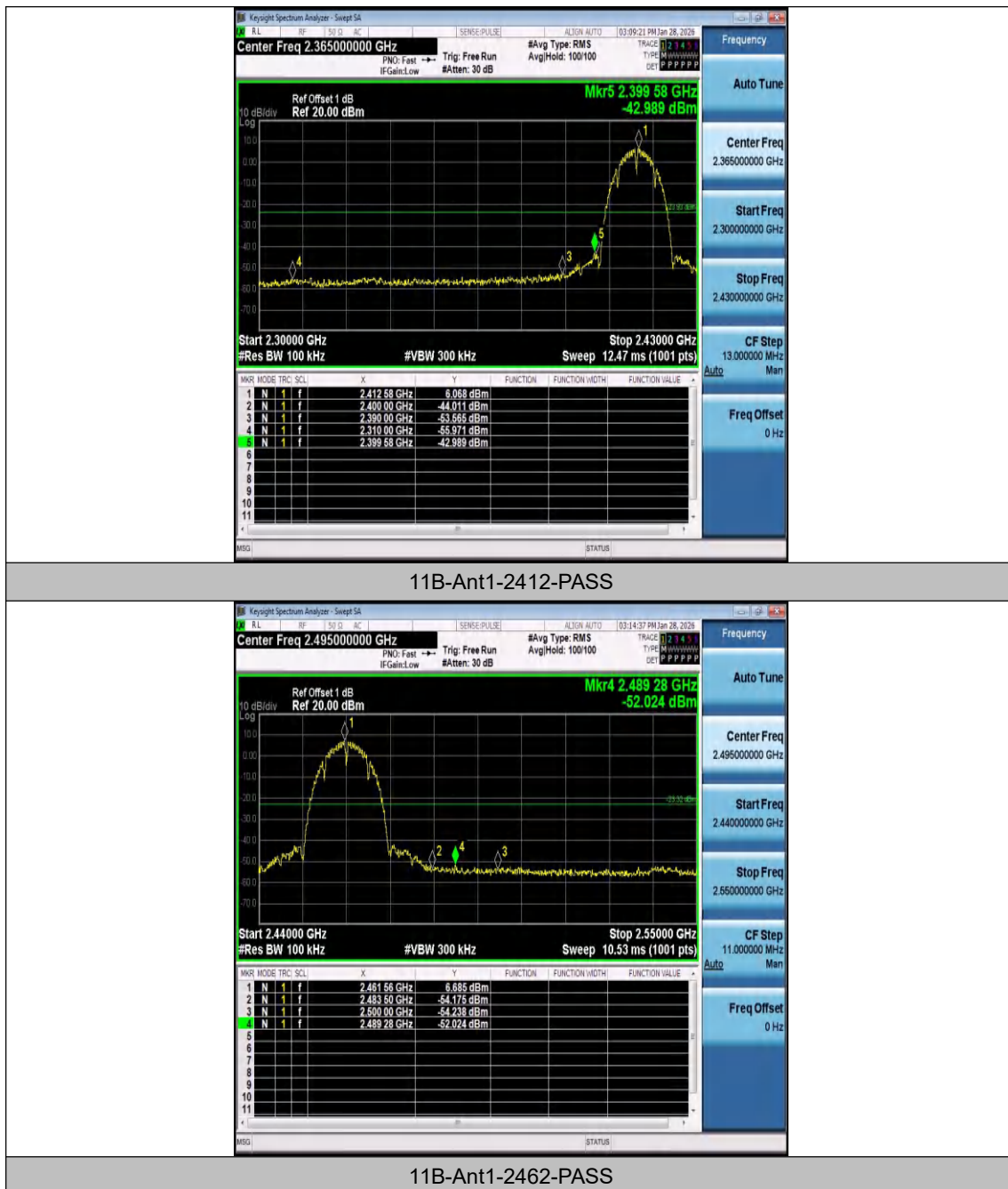
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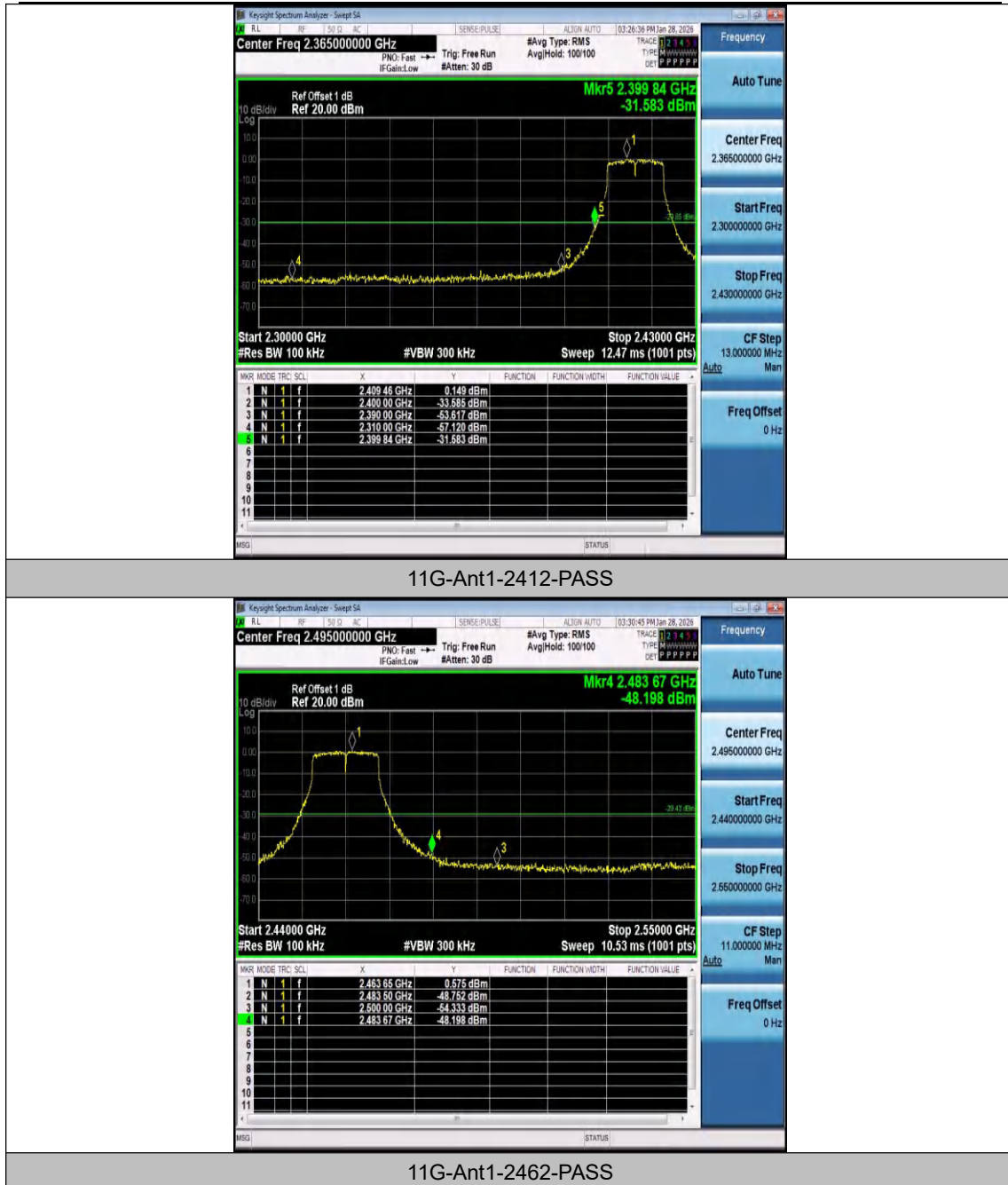
Appendix E: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.07	-42.99	≤-23.93	PASS
11B	Ant1	High	2462	6.69	-52.02	≤-23.32	PASS
11G	Ant1	Low	2412	0.15	-31.58	≤-29.85	PASS
11G	Ant1	High	2462	0.58	-48.2	≤-29.43	PASS
11N20SISO	Ant1	Low	2412	0.09	-33.24	≤-29.91	PASS
11N20SISO	Ant1	High	2462	0.49	-48.14	≤-29.52	PASS

Test Graphs

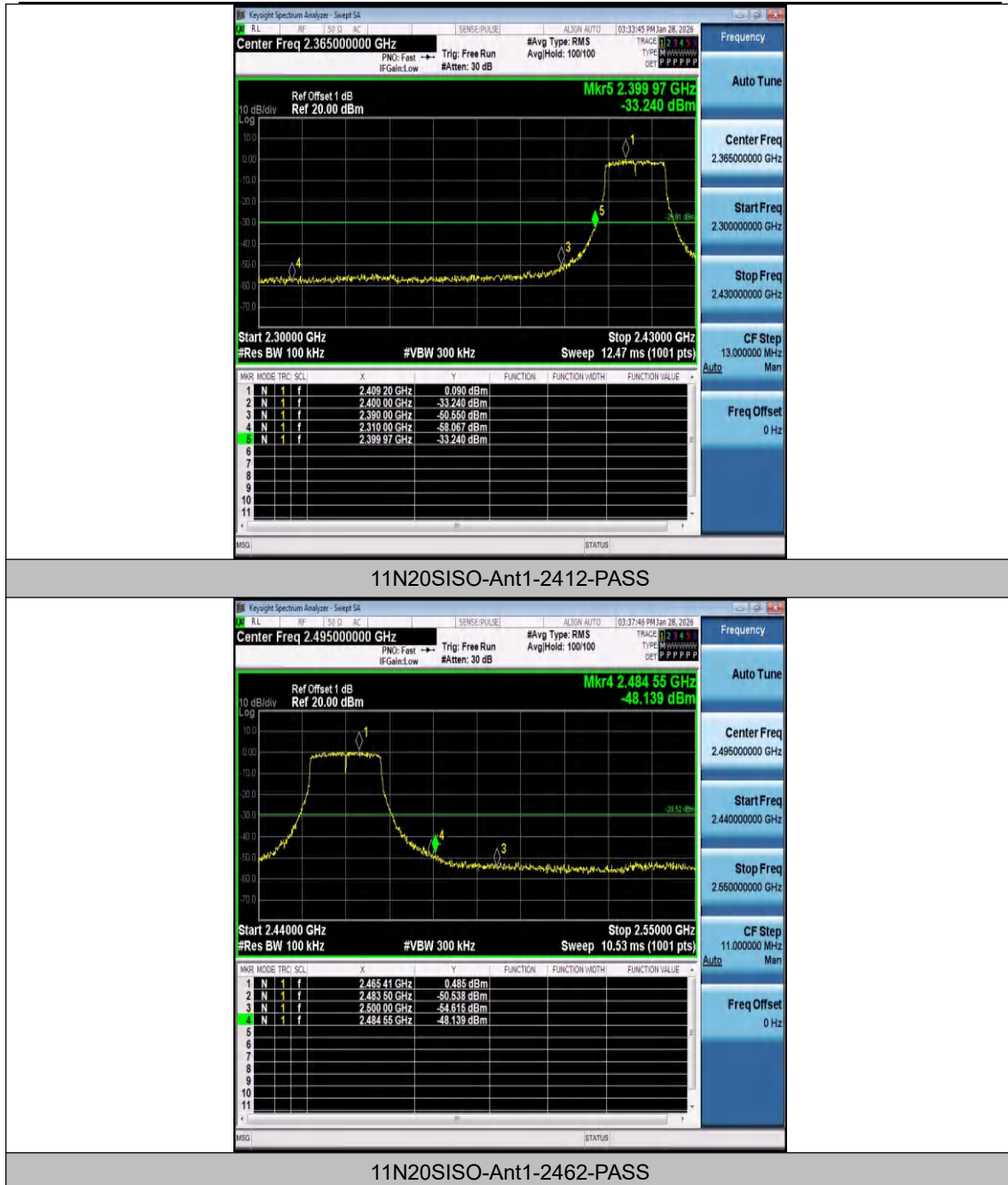




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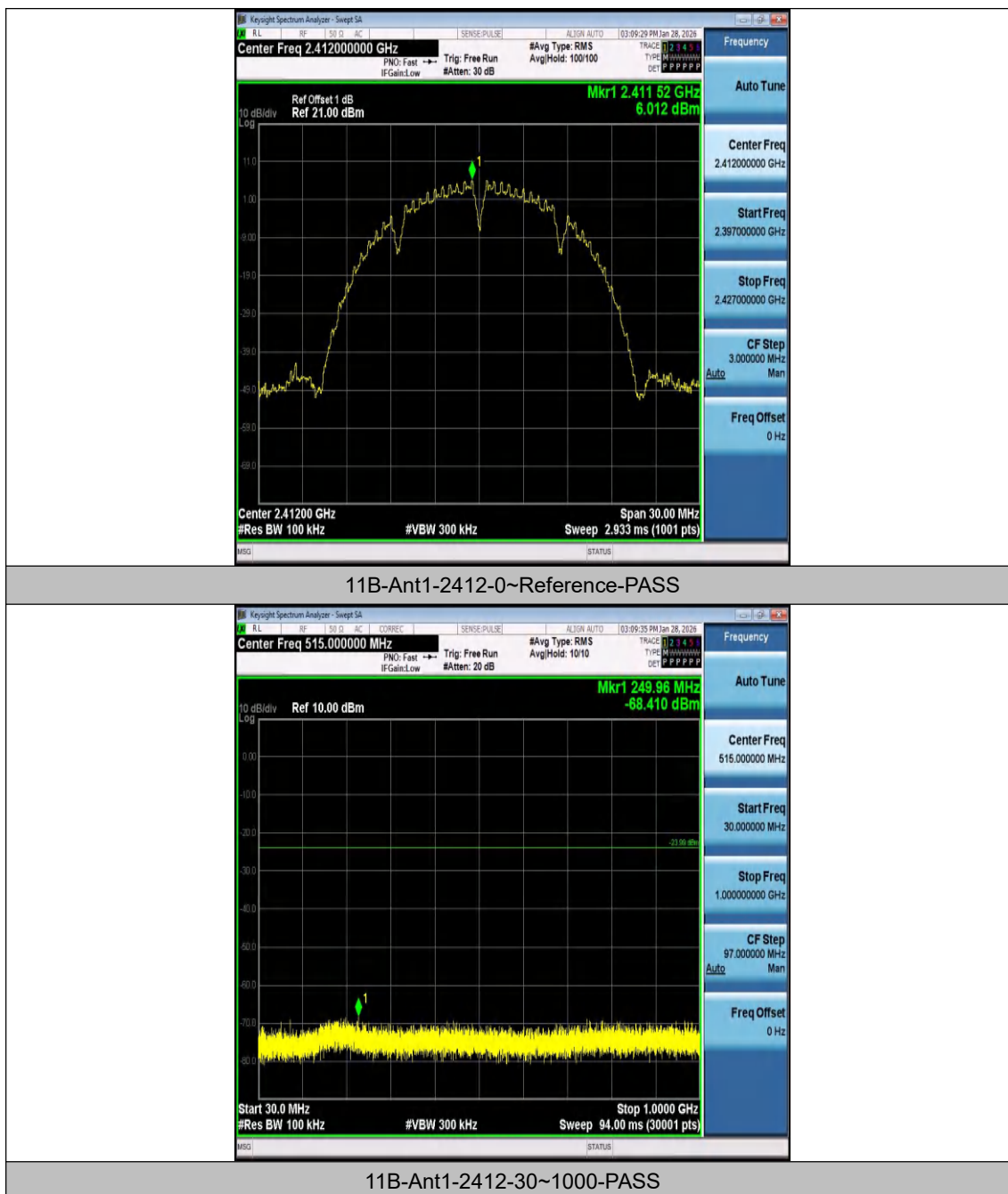
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	6.01	6.01	---	PASS
11B	Ant1	2412	30~1000	6.01	-68.41	≤-23.99	PASS
11B	Ant1	2412	1000~26500	6.01	-36.38	≤-23.99	PASS
11B	Ant1	2437	0~Reference	6.32	6.32	---	PASS
11B	Ant1	2437	30~1000	6.32	-67.53	≤-23.68	PASS
11B	Ant1	2437	1000~26500	6.32	-35.99	≤-23.68	PASS
11B	Ant1	2462	0~Reference	6.64	6.64	---	PASS
11B	Ant1	2462	30~1000	6.64	-68.19	≤-23.36	PASS
11B	Ant1	2462	1000~26500	6.64	-35.87	≤-23.36	PASS
11G	Ant1	2412	0~Reference	-0.19	-0.19	---	PASS
11G	Ant1	2412	30~1000	-0.19	-67.59	≤-30.19	PASS
11G	Ant1	2412	1000~26500	-0.19	-35.68	≤-30.19	PASS
11G	Ant1	2437	0~Reference	0.25	0.25	---	PASS
11G	Ant1	2437	30~1000	0.25	-66.51	≤-29.75	PASS
11G	Ant1	2437	1000~26500	0.25	-35.86	≤-29.75	PASS
11G	Ant1	2462	0~Reference	0.56	0.56	---	PASS
11G	Ant1	2462	30~1000	0.56	-67.28	≤-29.44	PASS
11G	Ant1	2462	1000~26500	0.56	-35.89	≤-29.44	PASS
11N20SISO	Ant1	2412	0~Reference	0.27	0.27	---	PASS
11N20SISO	Ant1	2412	30~1000	0.27	-66.91	≤-29.73	PASS
11N20SISO	Ant1	2412	1000~26500	0.27	-36	≤-29.73	PASS
11N20SISO	Ant1	2437	0~Reference	0.70	0.70	---	PASS
11N20SISO	Ant1	2437	30~1000	0.70	-67.29	≤-29.3	PASS
11N20SISO	Ant1	2437	1000~26500	0.70	-35.73	≤-29.3	PASS
11N20SISO	Ant1	2462	0~Reference	0.92	0.92	---	PASS
11N20SISO	Ant1	2462	30~1000	0.92	-65.74	≤-29.08	PASS
11N20SISO	Ant1	2462	1000~26500	0.92	-35.4	≤-29.08	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.

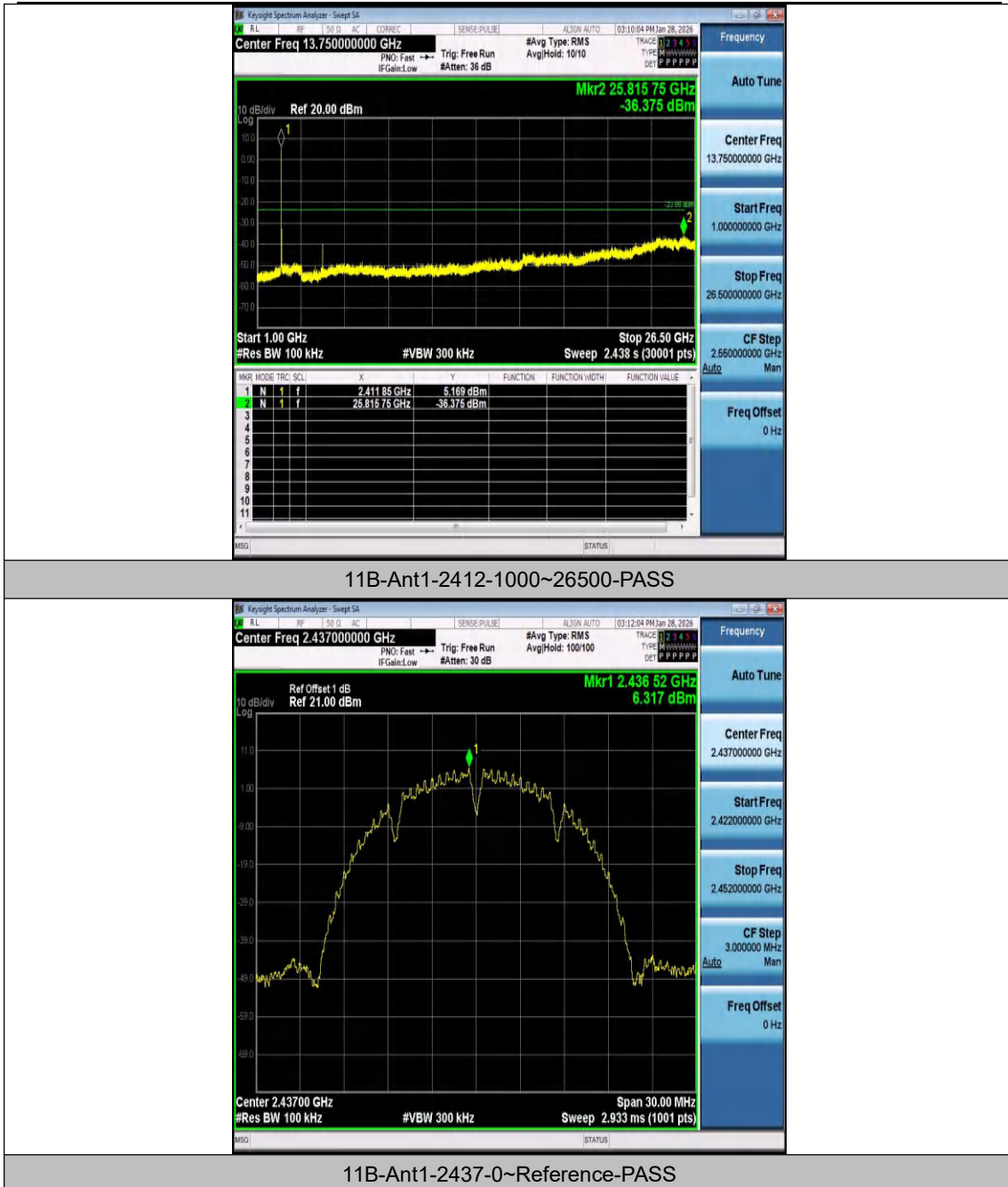
Test Graphs



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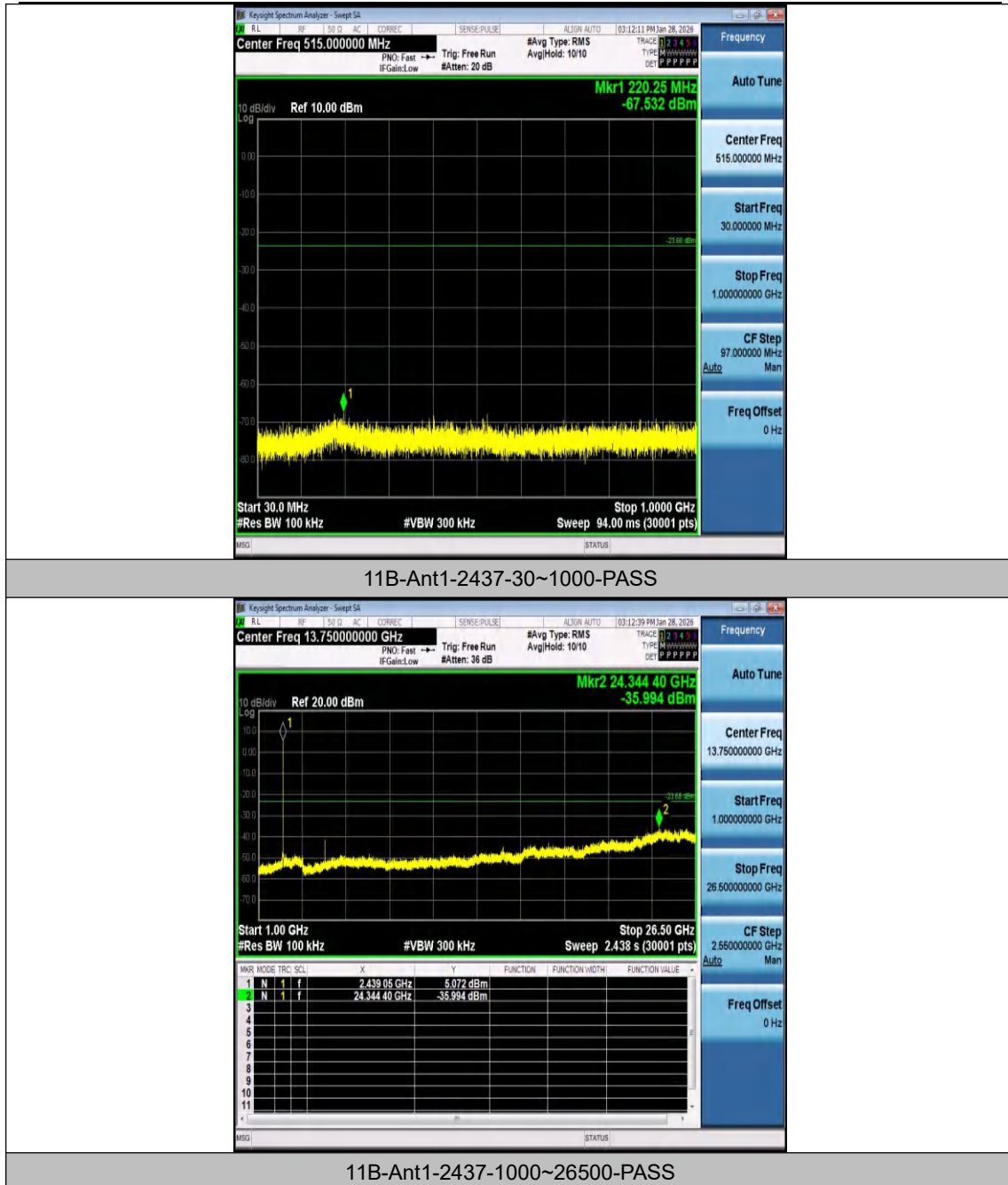
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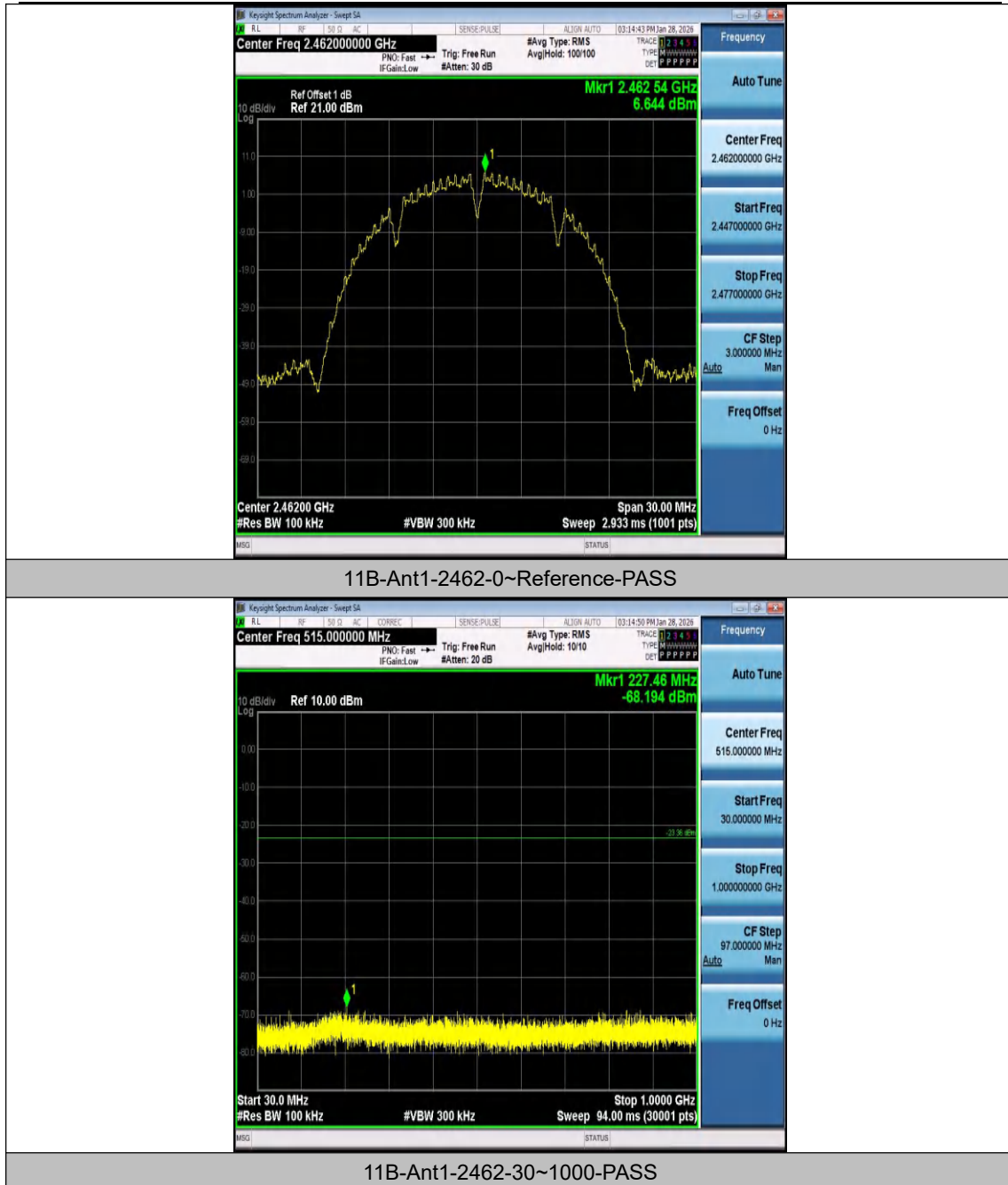


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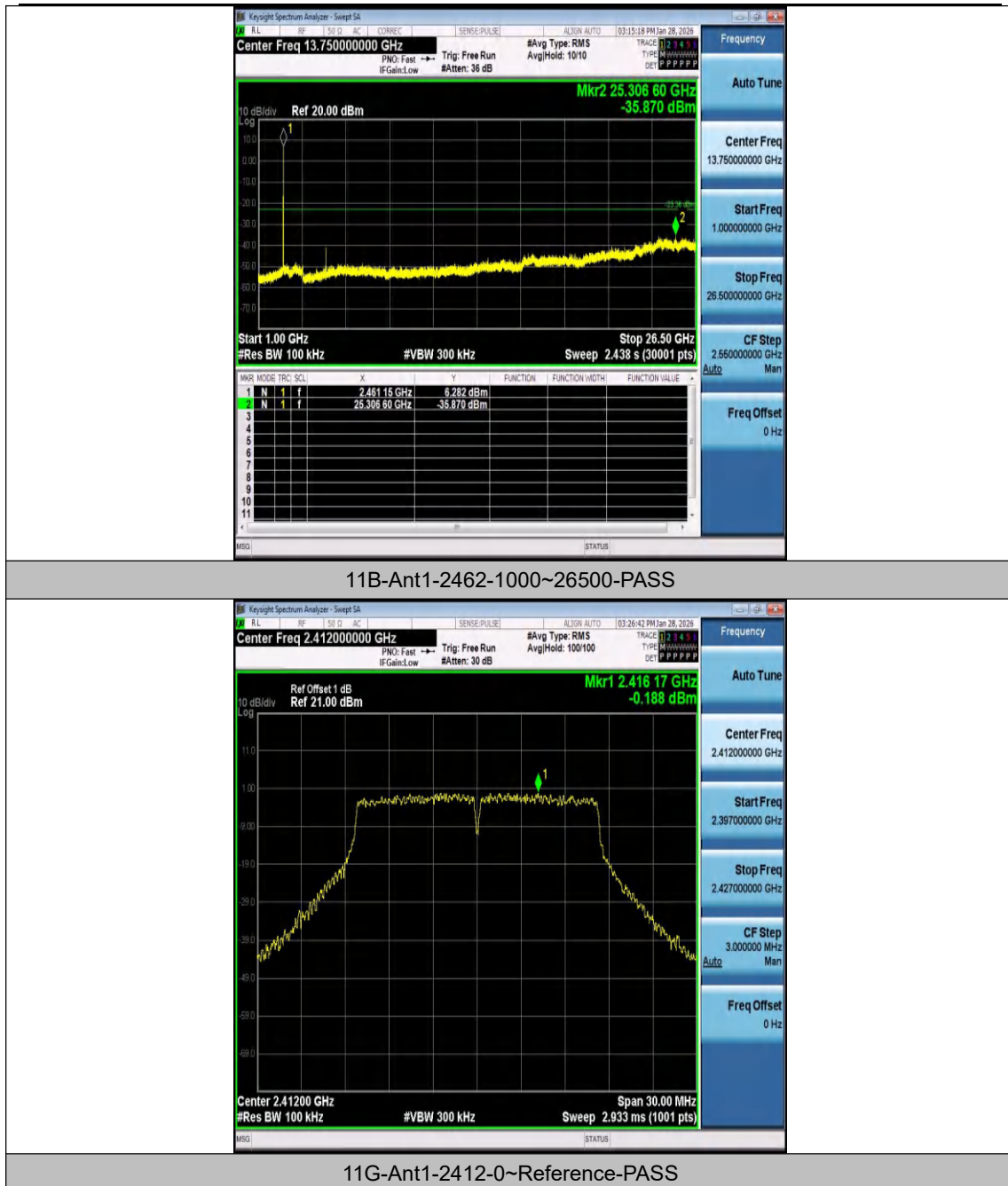




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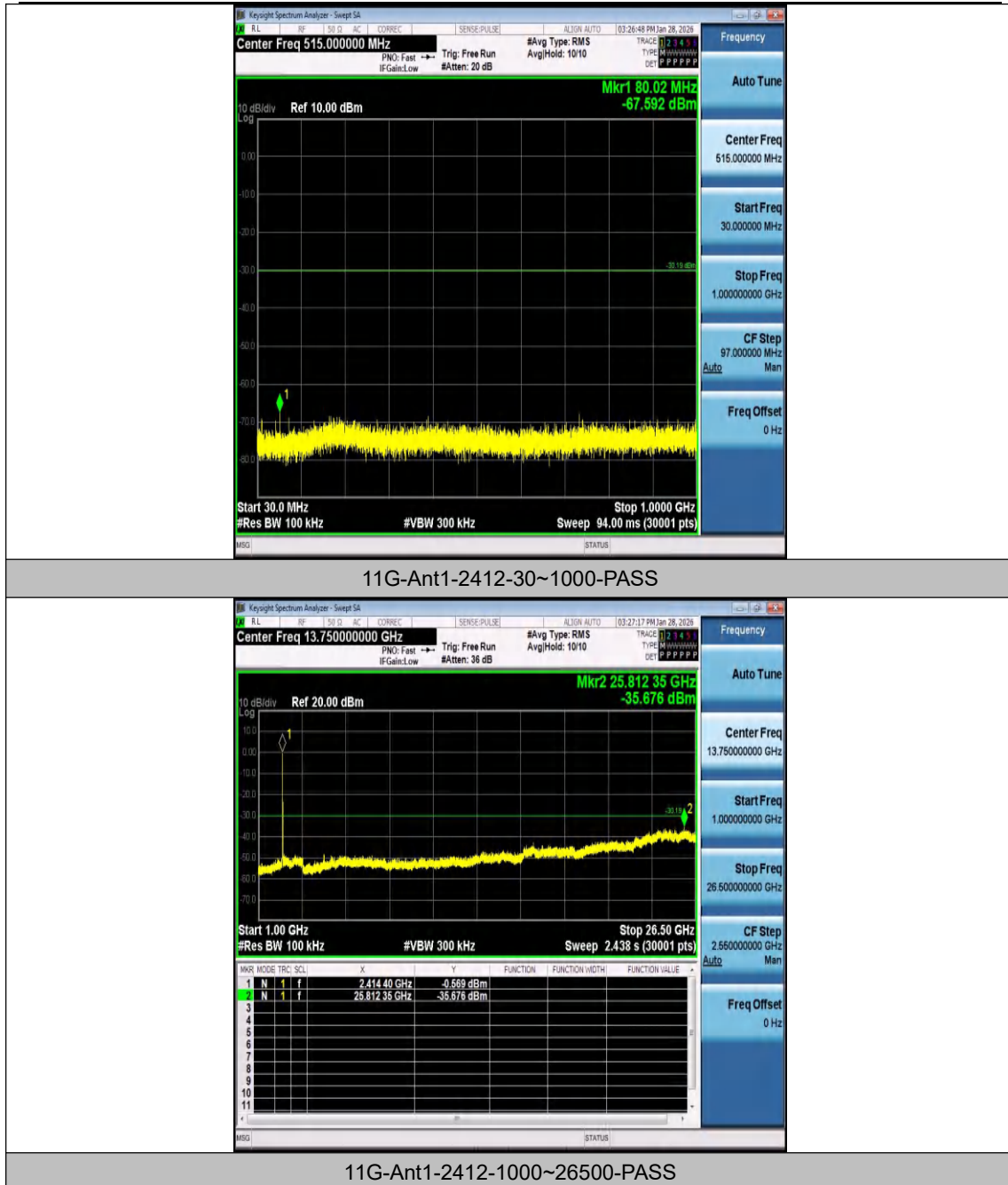
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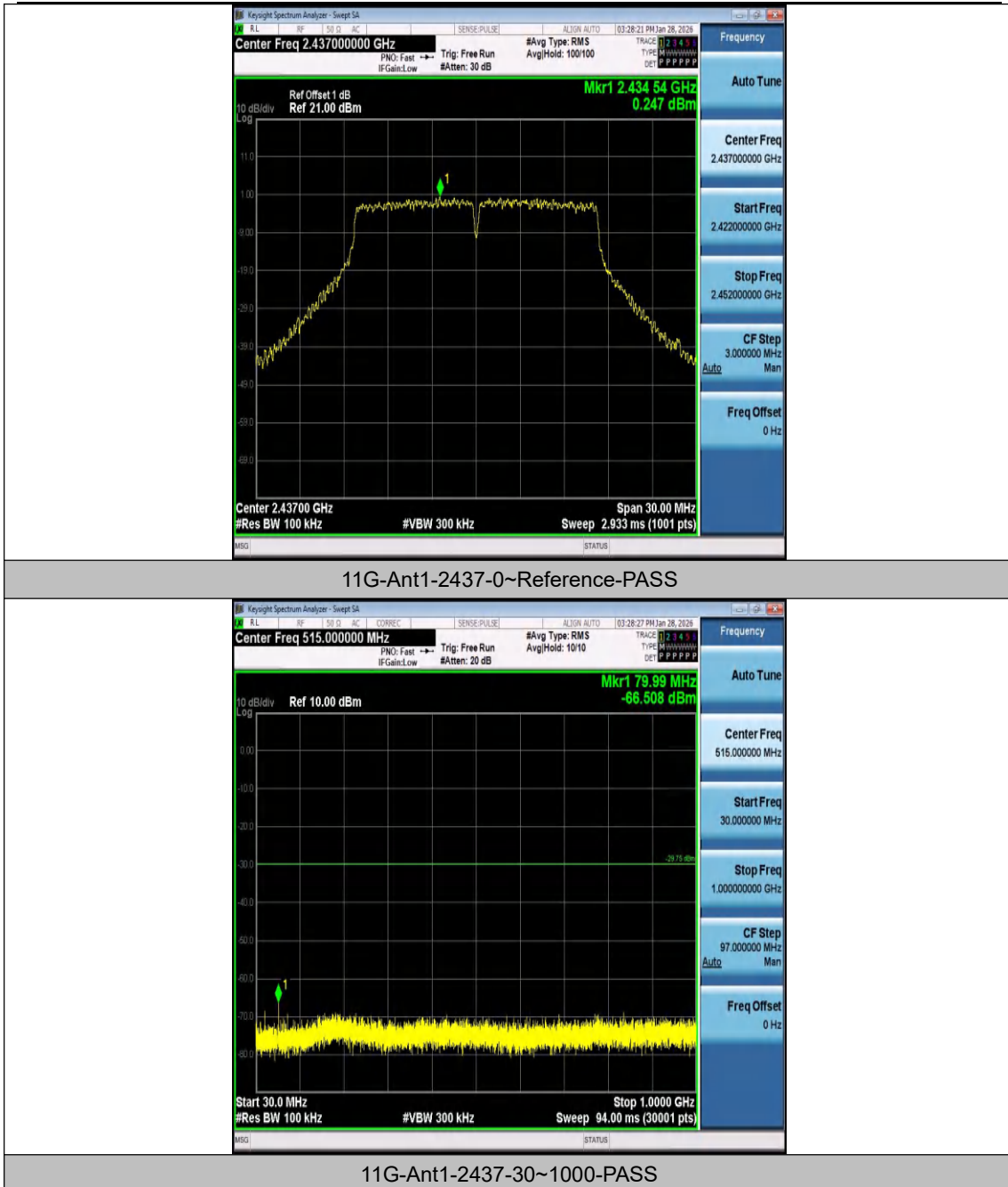
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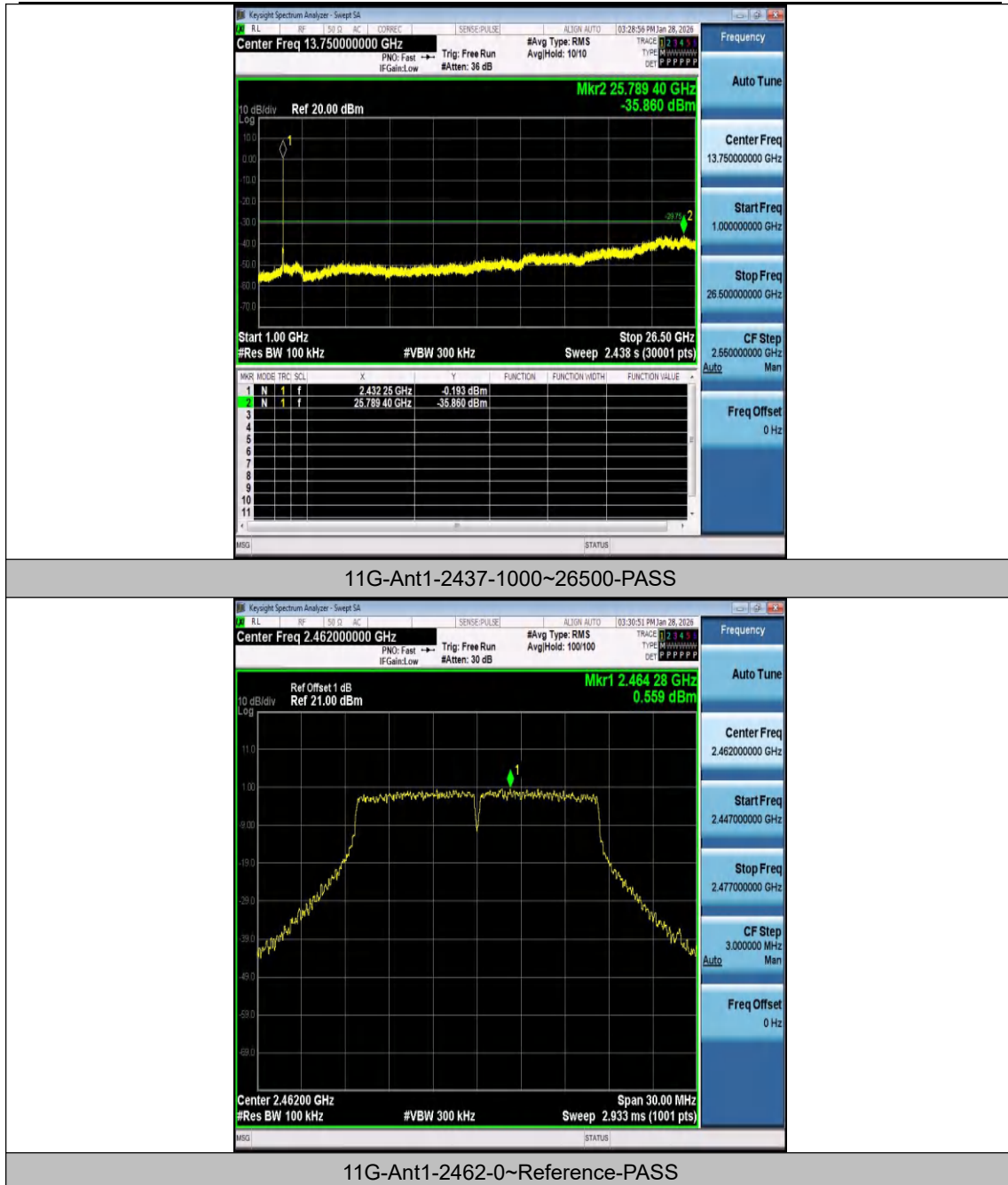
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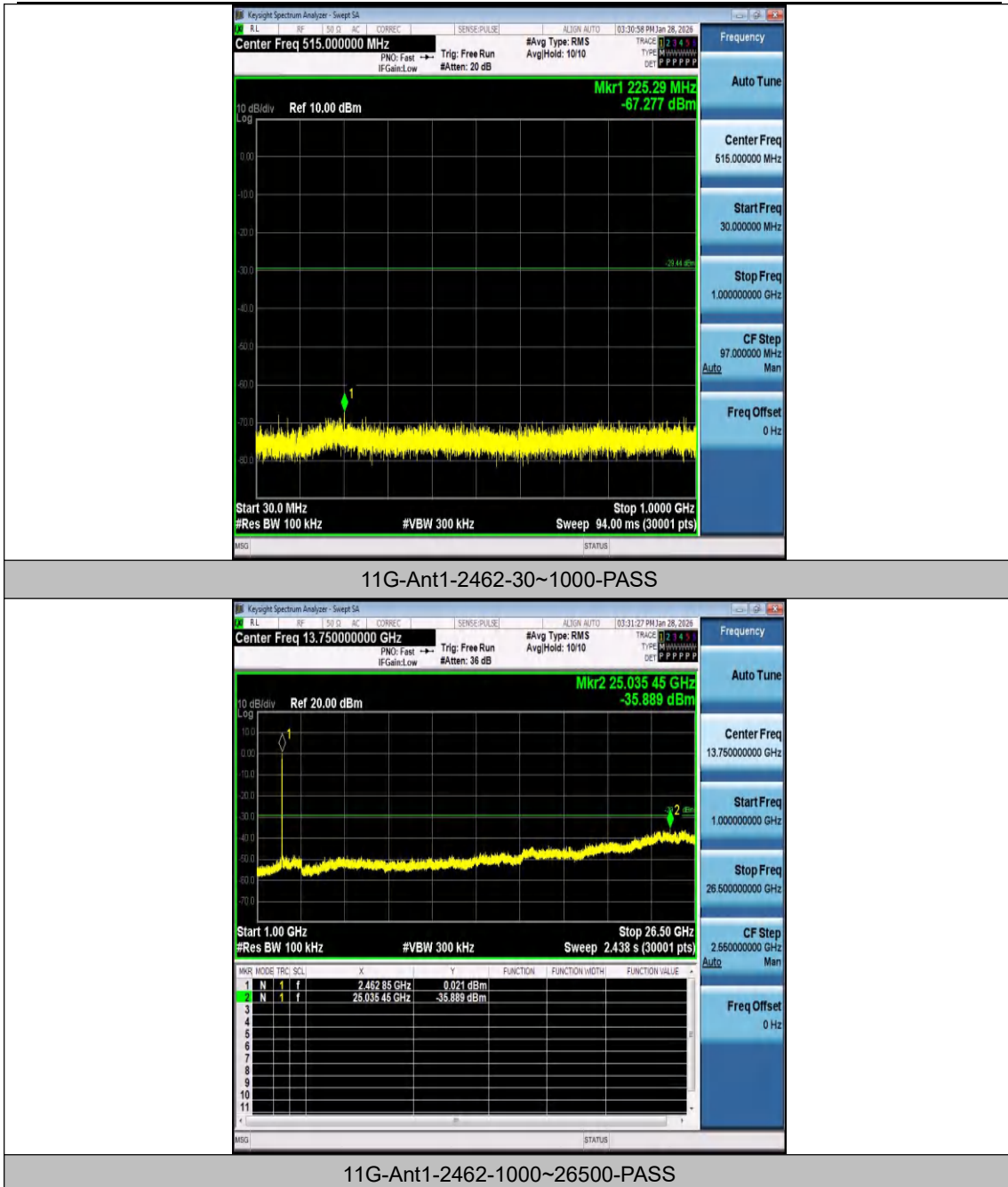
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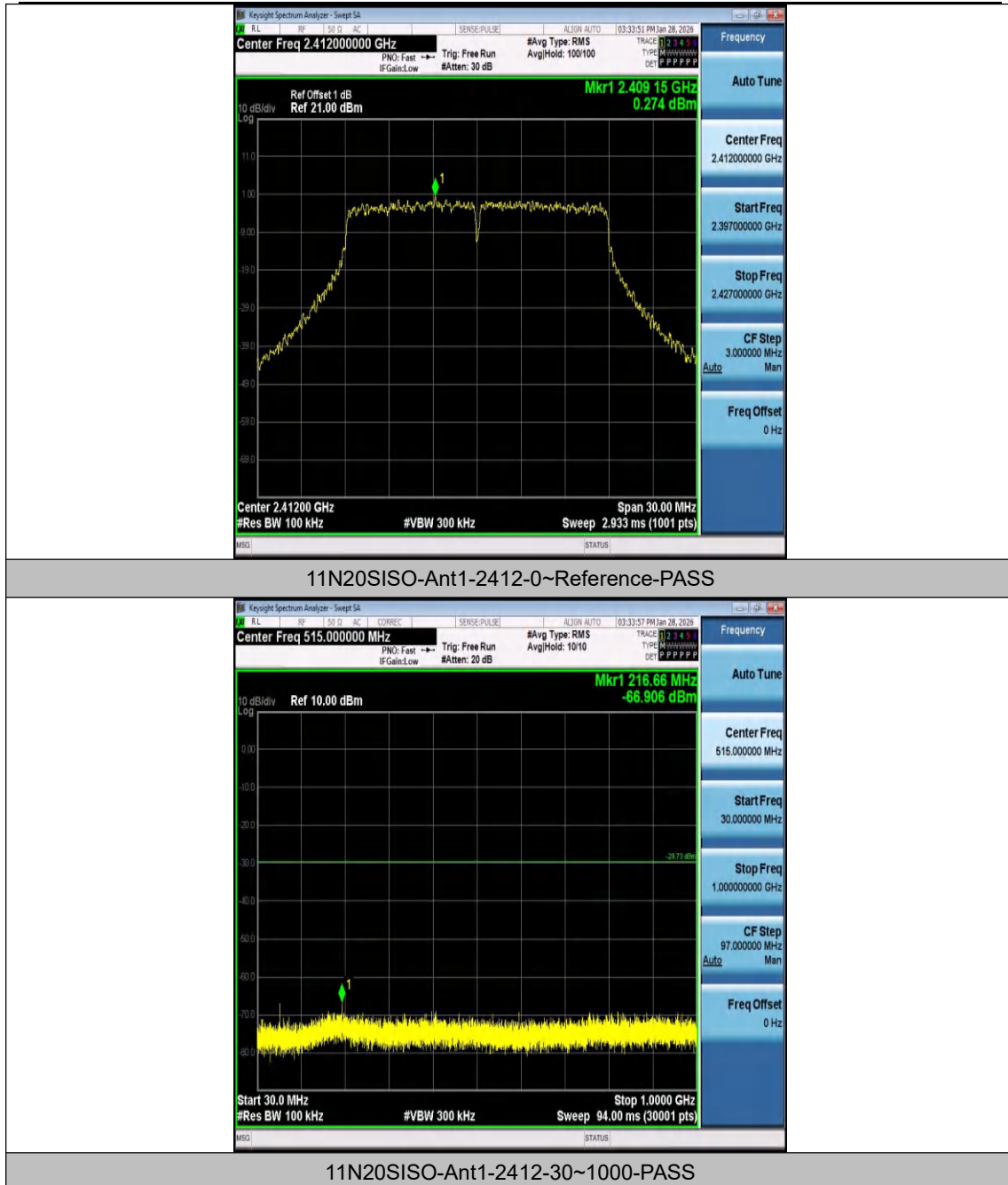
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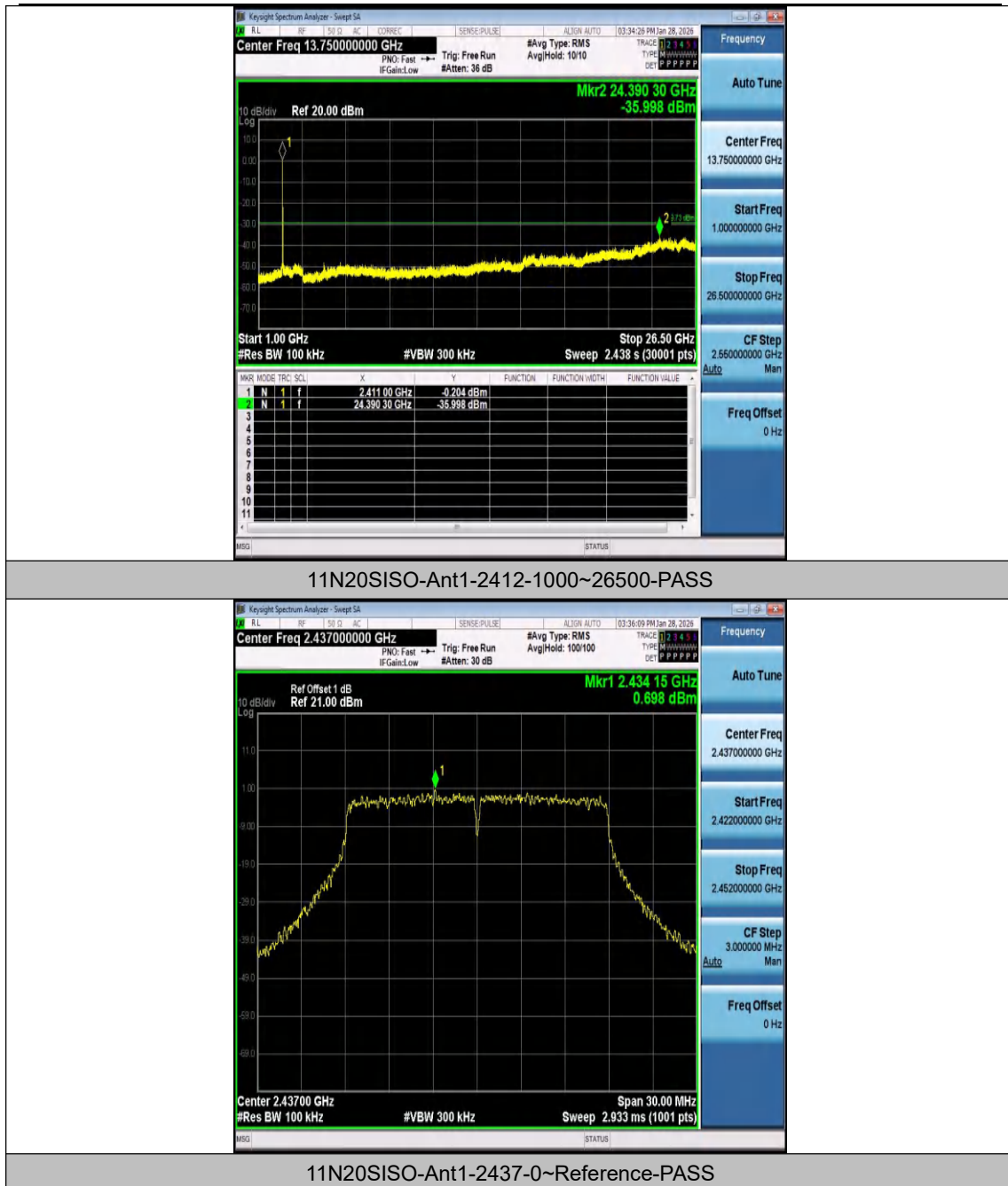
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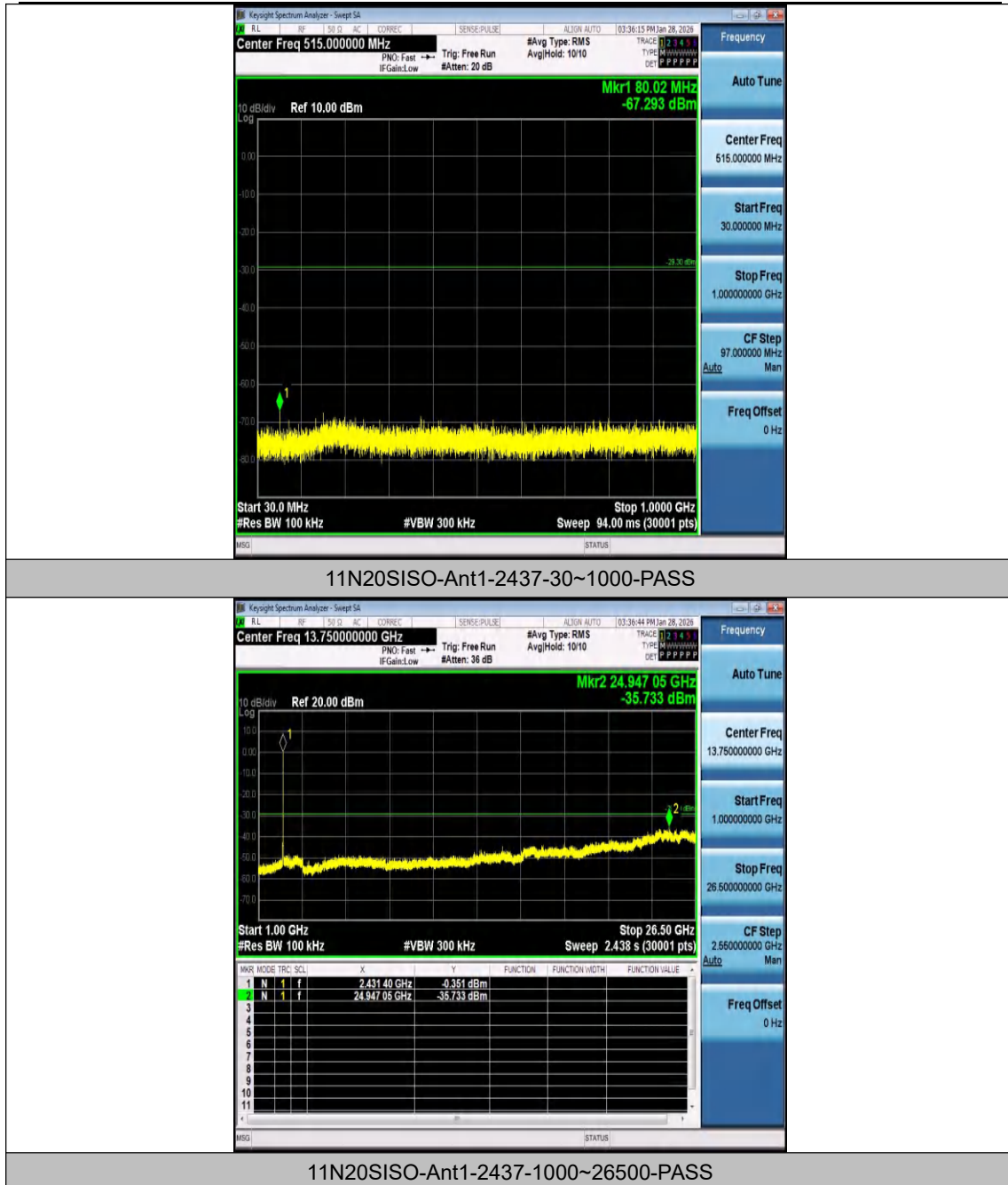
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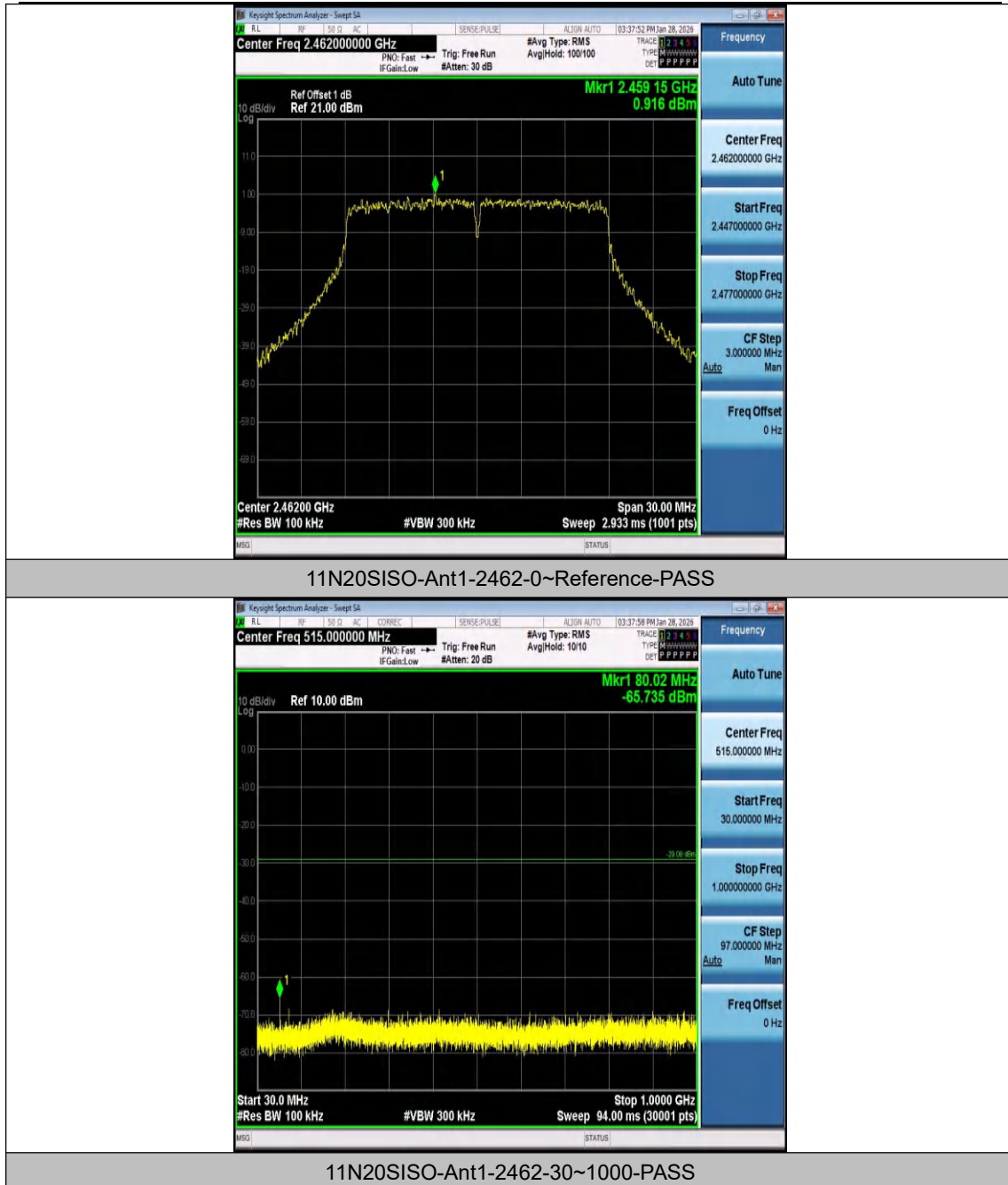


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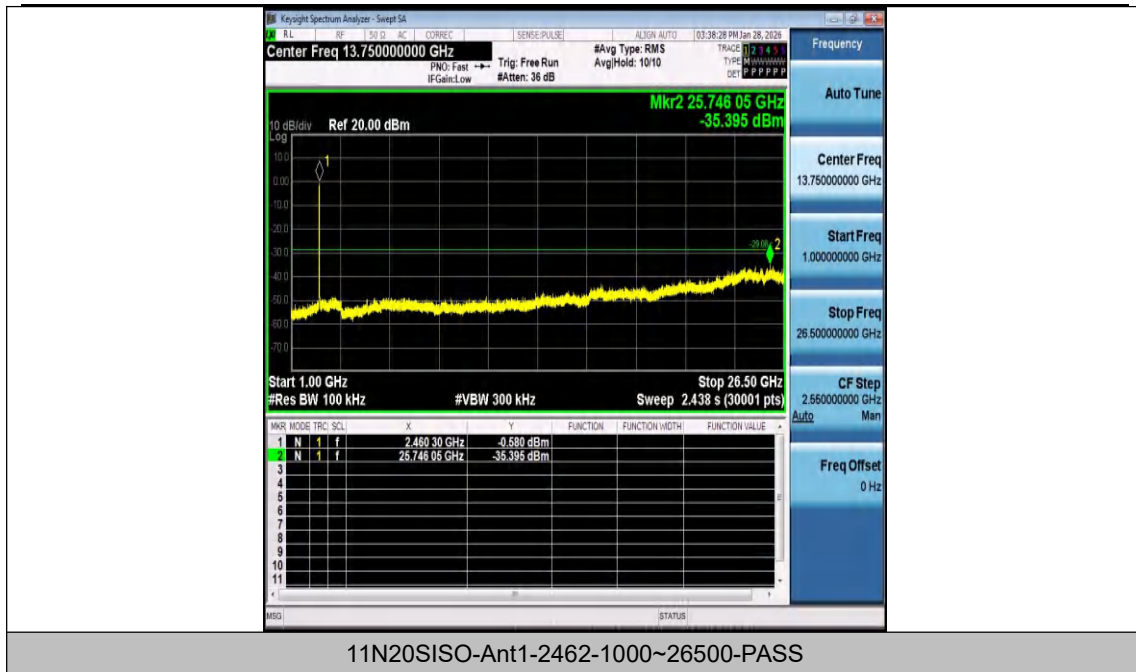




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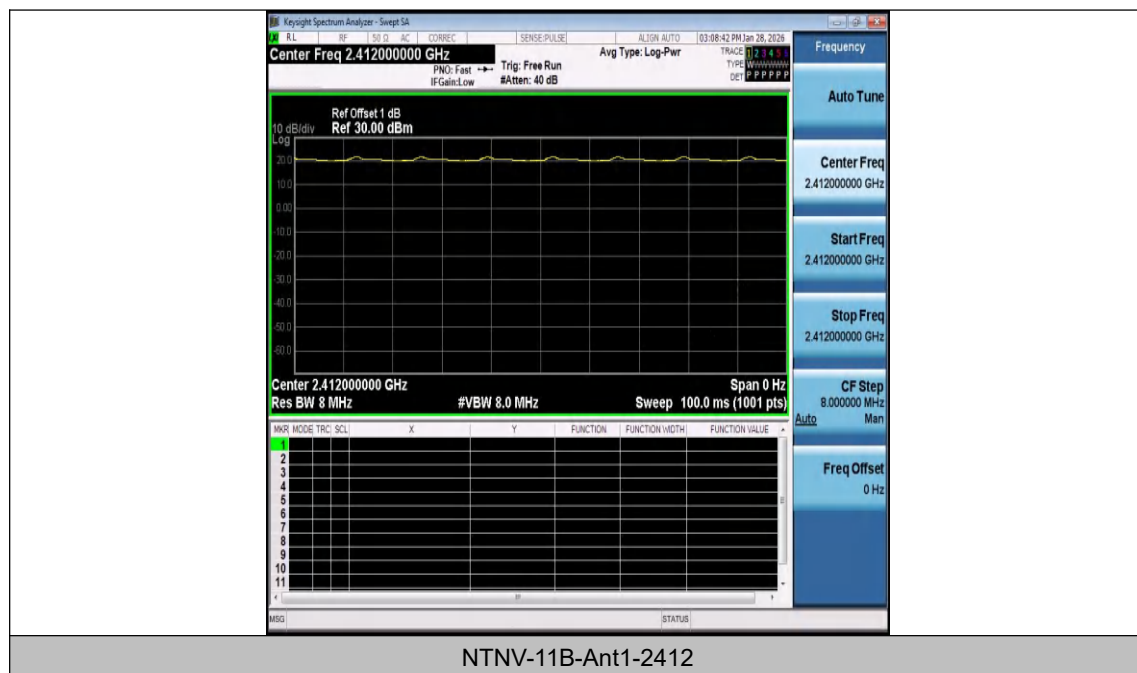
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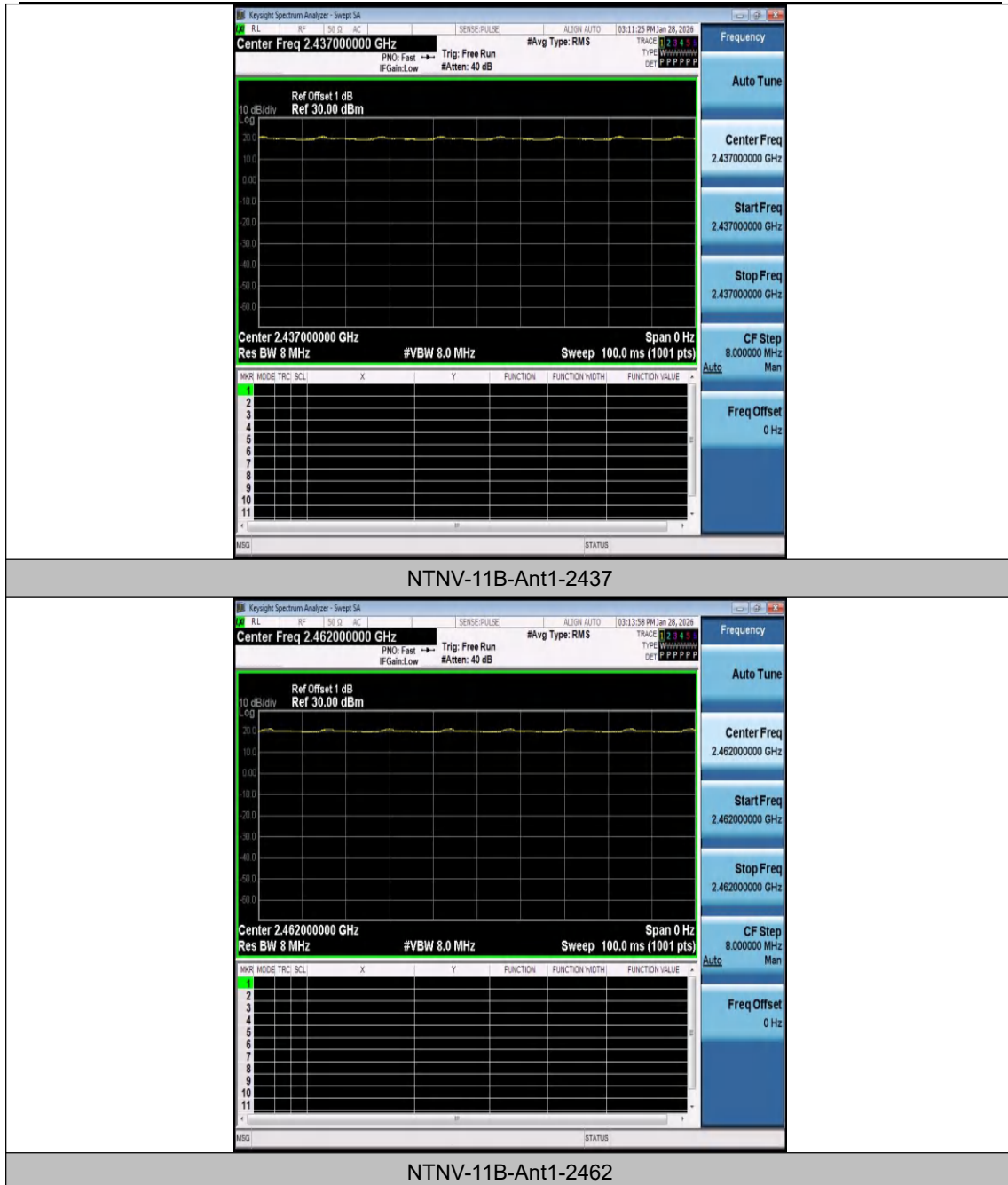
Appendix G: Duty Cycle

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

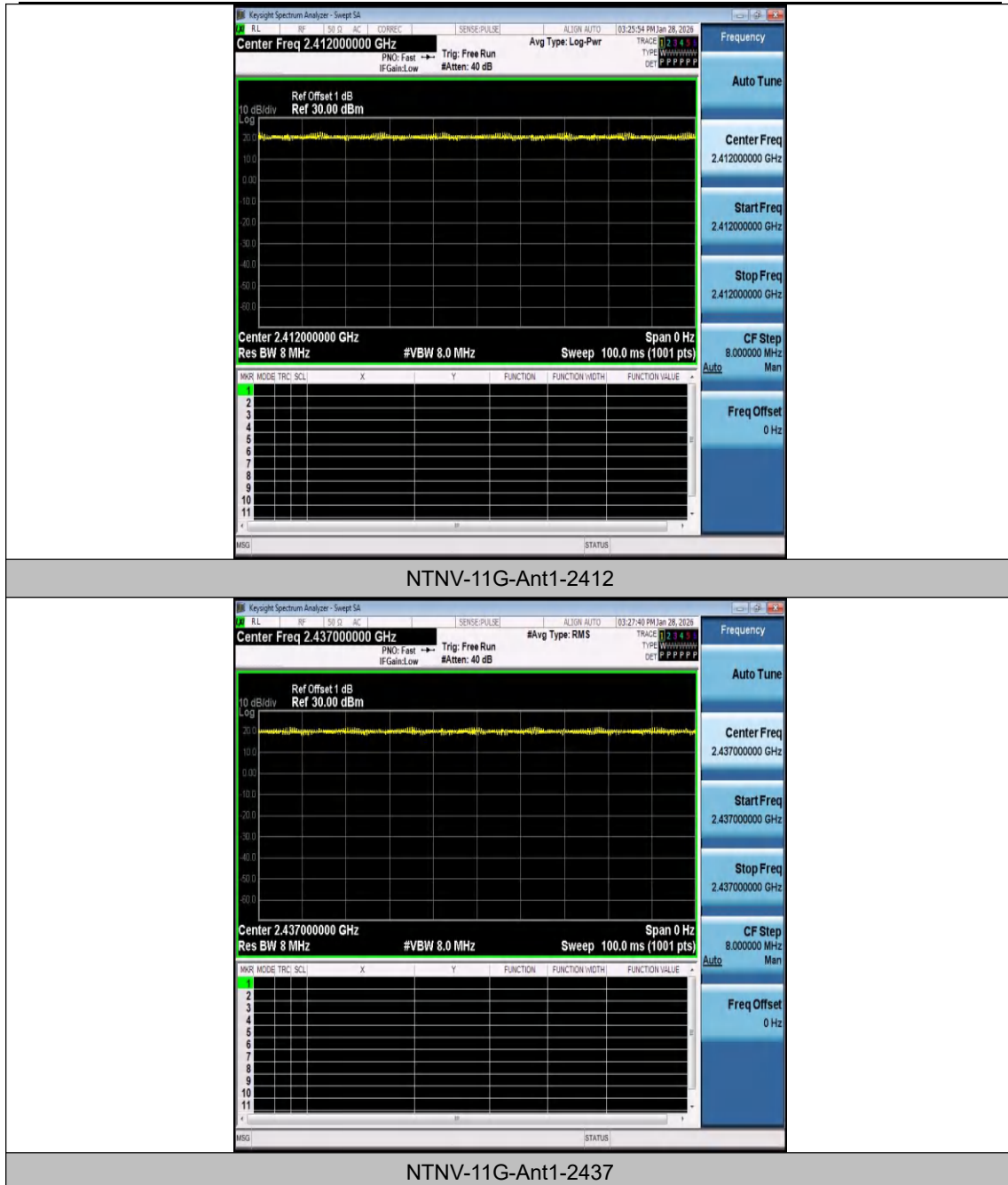




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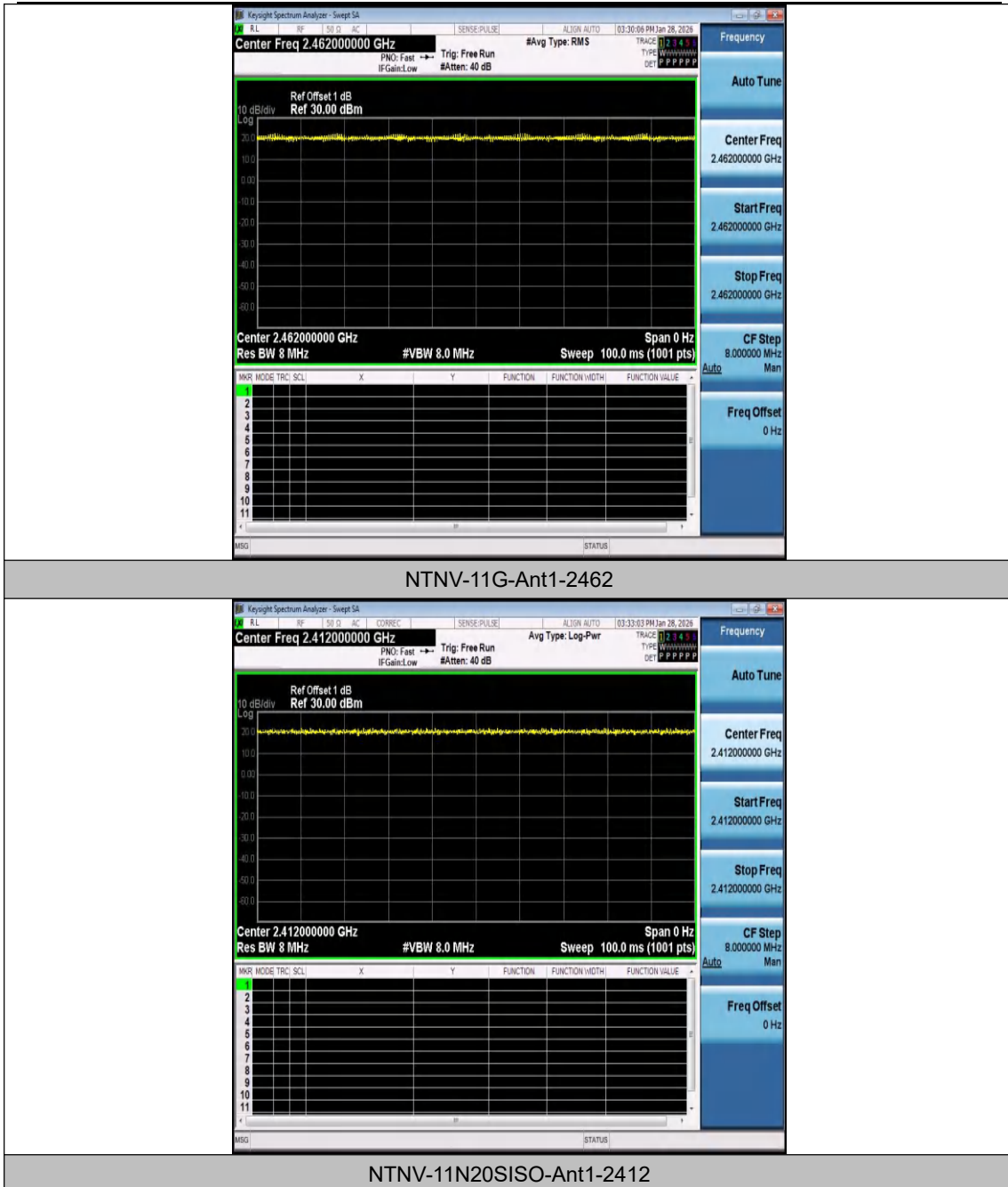
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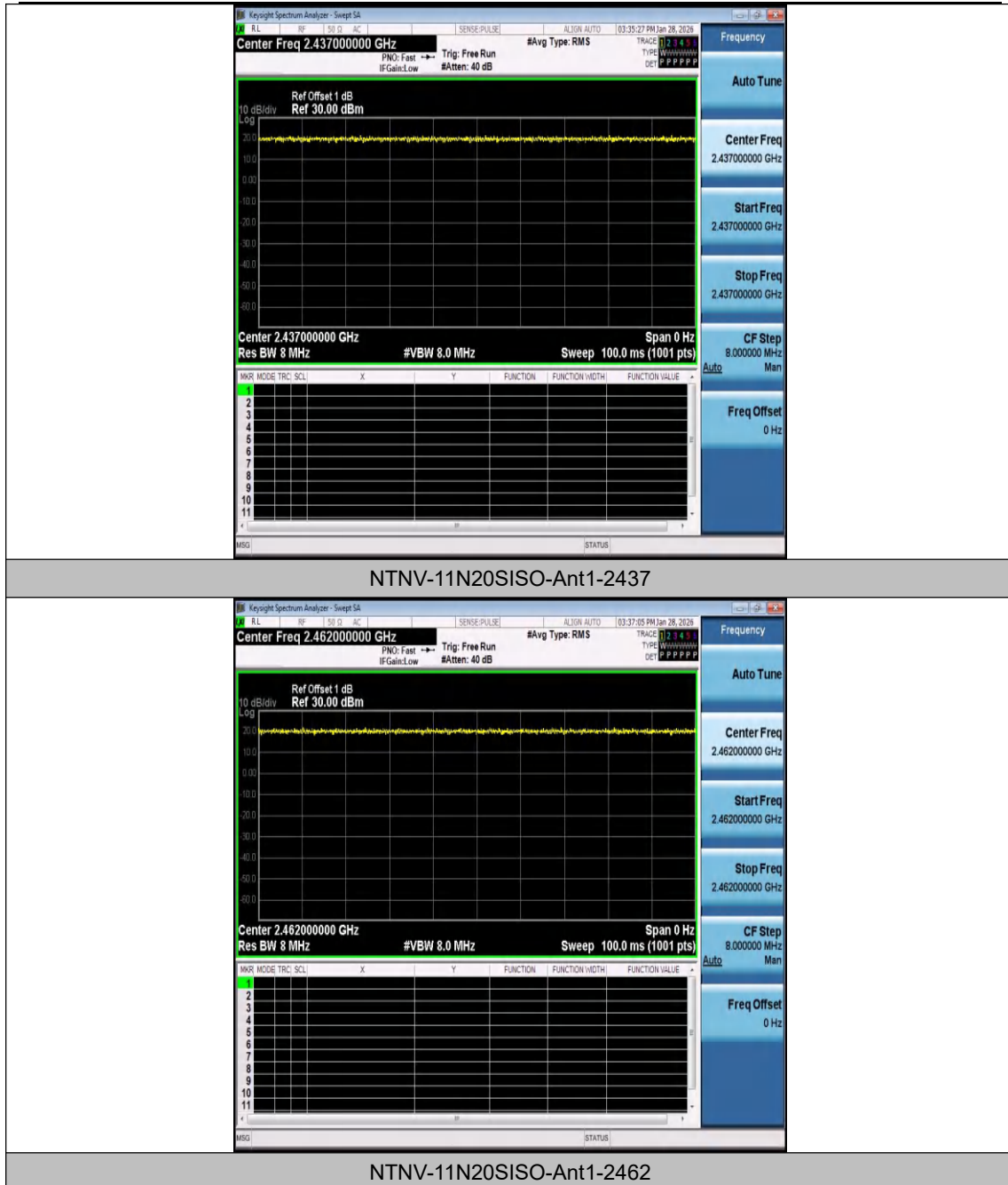
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