

Appendix Test Data

Report No.:	1812C60210312502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-4-16	Finish Test Date:	2026-4-22
Test Engineer:	Huise Guan	Auditor:	Justin Feng
Temperature:	23°C	Relative Humidity:	55%
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	9.240	2407.440	2416.680	0.5	PASS
11B	Ant1	2437	9.240	2432.440	2441.680	0.5	PASS
11B	Ant1	2462	9.240	2457.440	2466.680	0.5	PASS
11G	Ant1	2412	16.480	2403.840	2420.320	0.5	PASS
11G	Ant1	2437	16.400	2428.840	2445.240	0.5	PASS
11G	Ant1	2462	16.480	2453.840	2470.320	0.5	PASS
11N20SISO	Ant1	2412	17.600	2403.200	2420.800	0.5	PASS
11N20SISO	Ant1	2437	17.520	2428.280	2445.800	0.5	PASS
11N20SISO	Ant1	2462	17.680	2453.200	2470.880	0.5	PASS

Test Graphs



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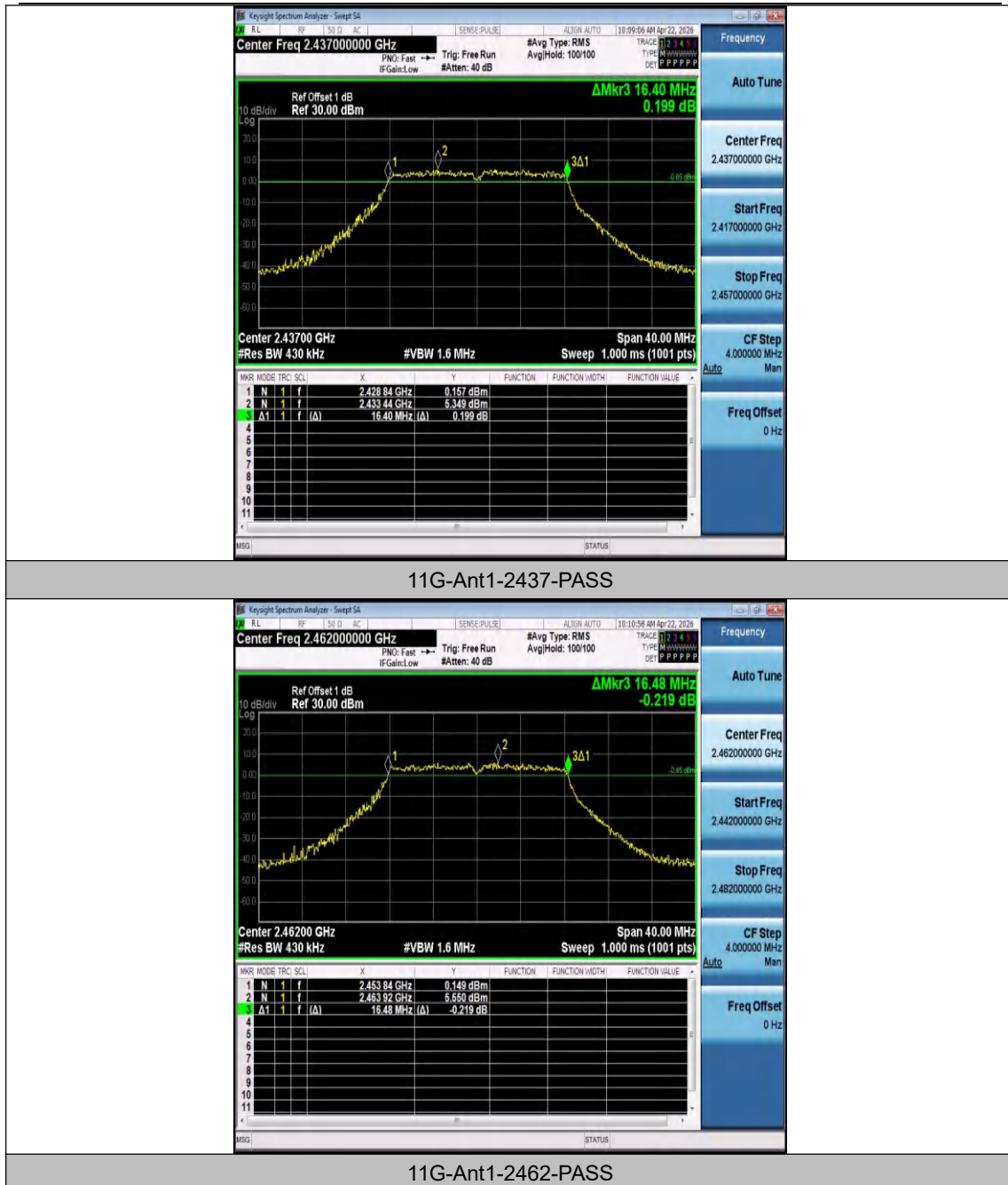
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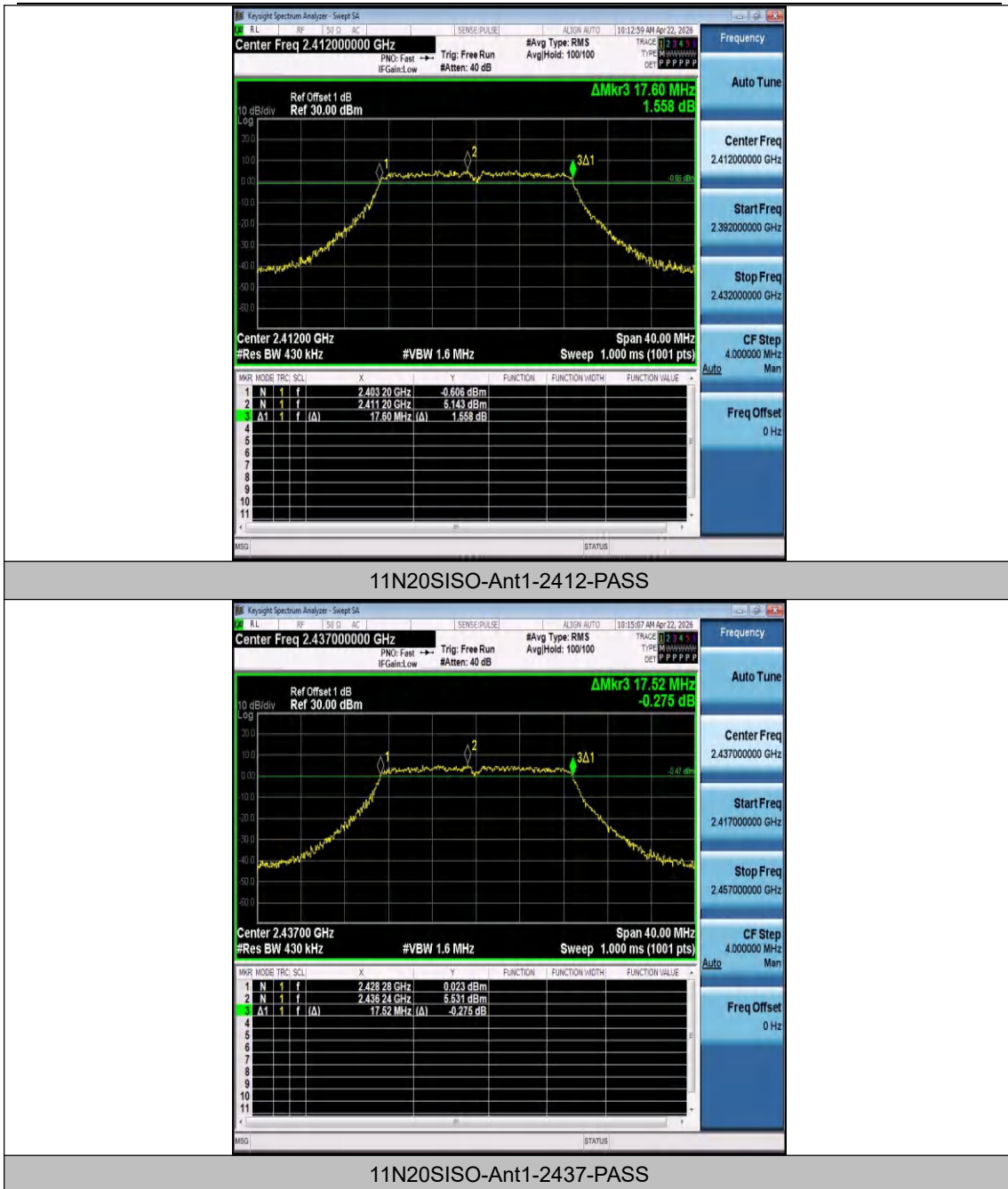


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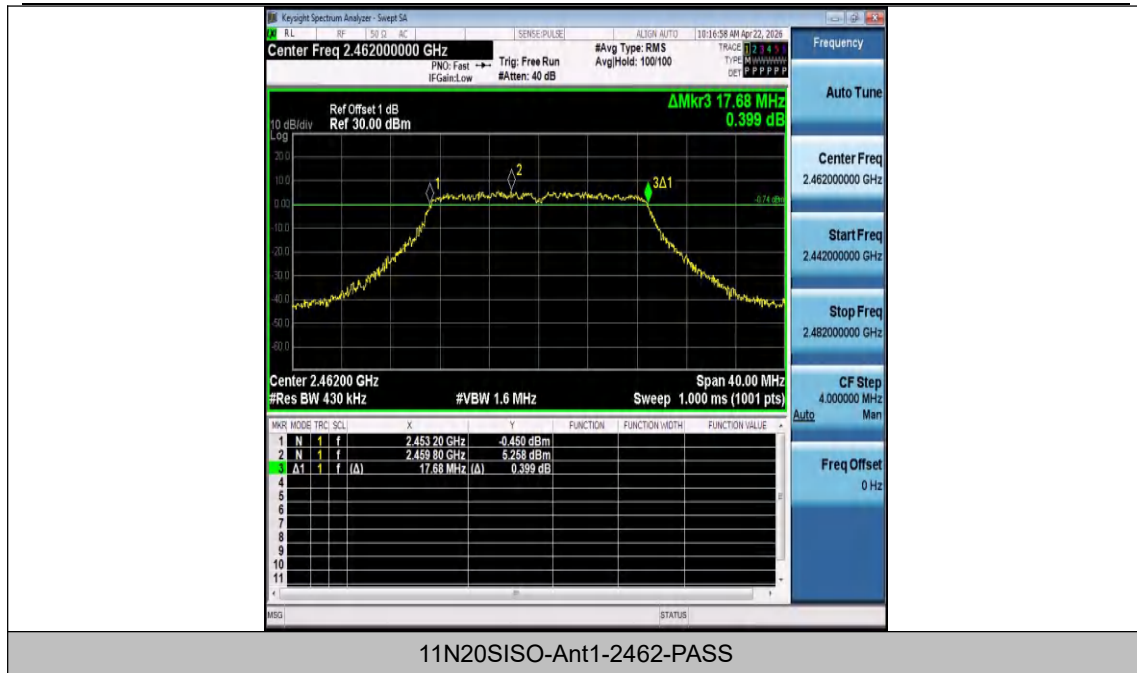




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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.019	2405.0495	2419.0685	---	---
11B	Ant1	2437	14.021	2430.0466	2444.0676	---	---
11B	Ant1	2462	14.017	2455.0474	2469.0644	---	---
11G	Ant1	2412	17.137	2403.3897	2420.5267	---	---
11G	Ant1	2437	17.126	2428.3863	2445.5123	---	---
11G	Ant1	2462	17.118	2453.3890	2470.5070	---	---
11N20SISO	Ant1	2412	18.167	2402.9646	2421.1316	---	---
11N20SISO	Ant1	2437	18.192	2427.9492	2446.1412	---	---
11N20SISO	Ant1	2462	18.178	2452.9505	2471.1285	---	---

Test Graphs



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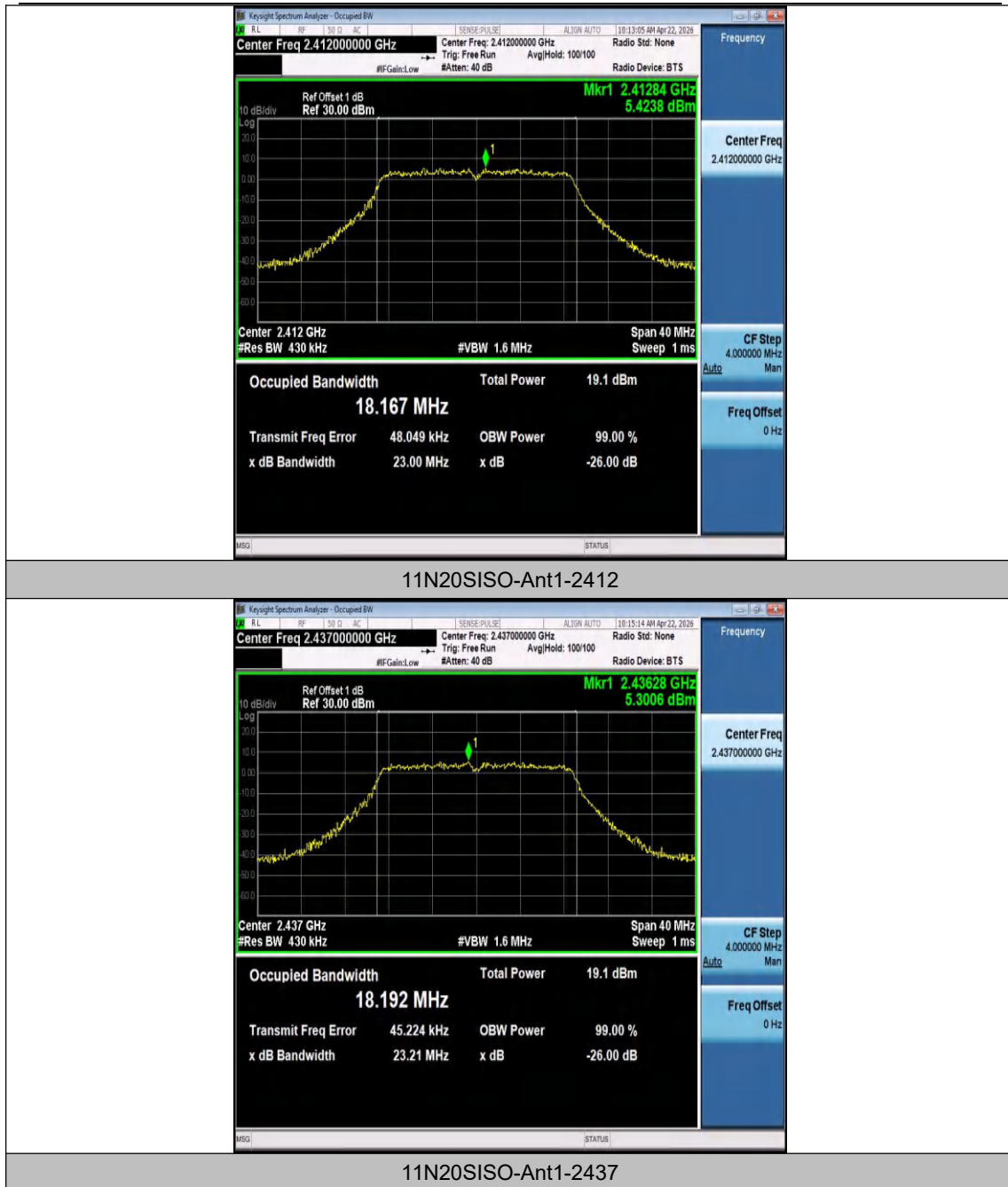
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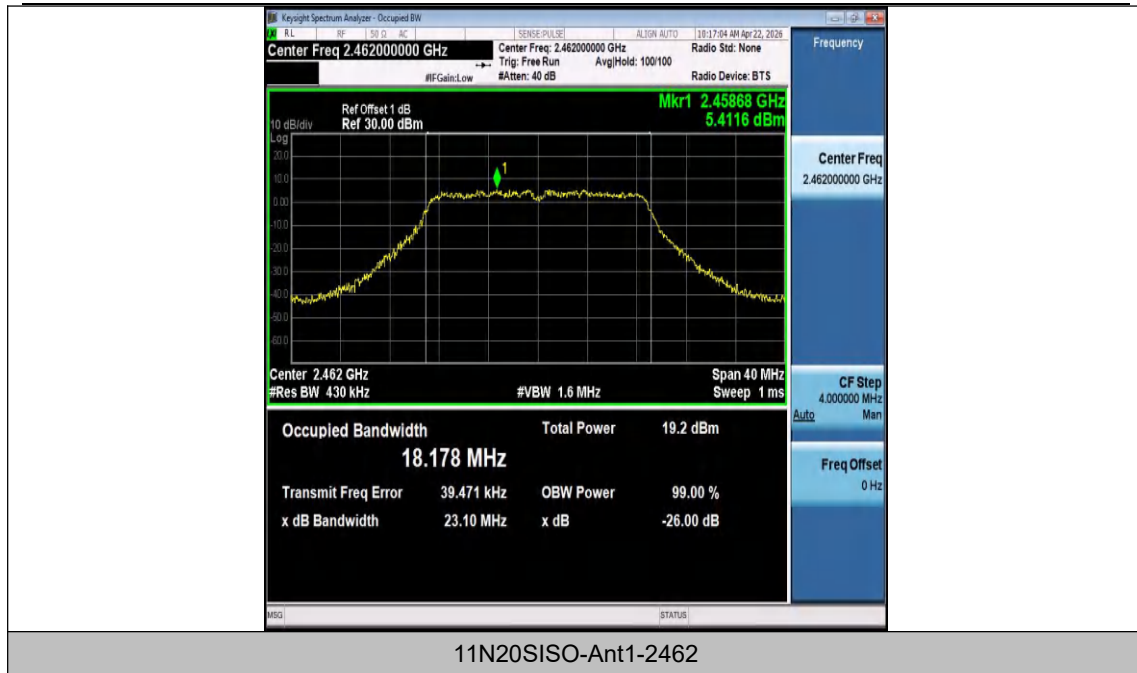
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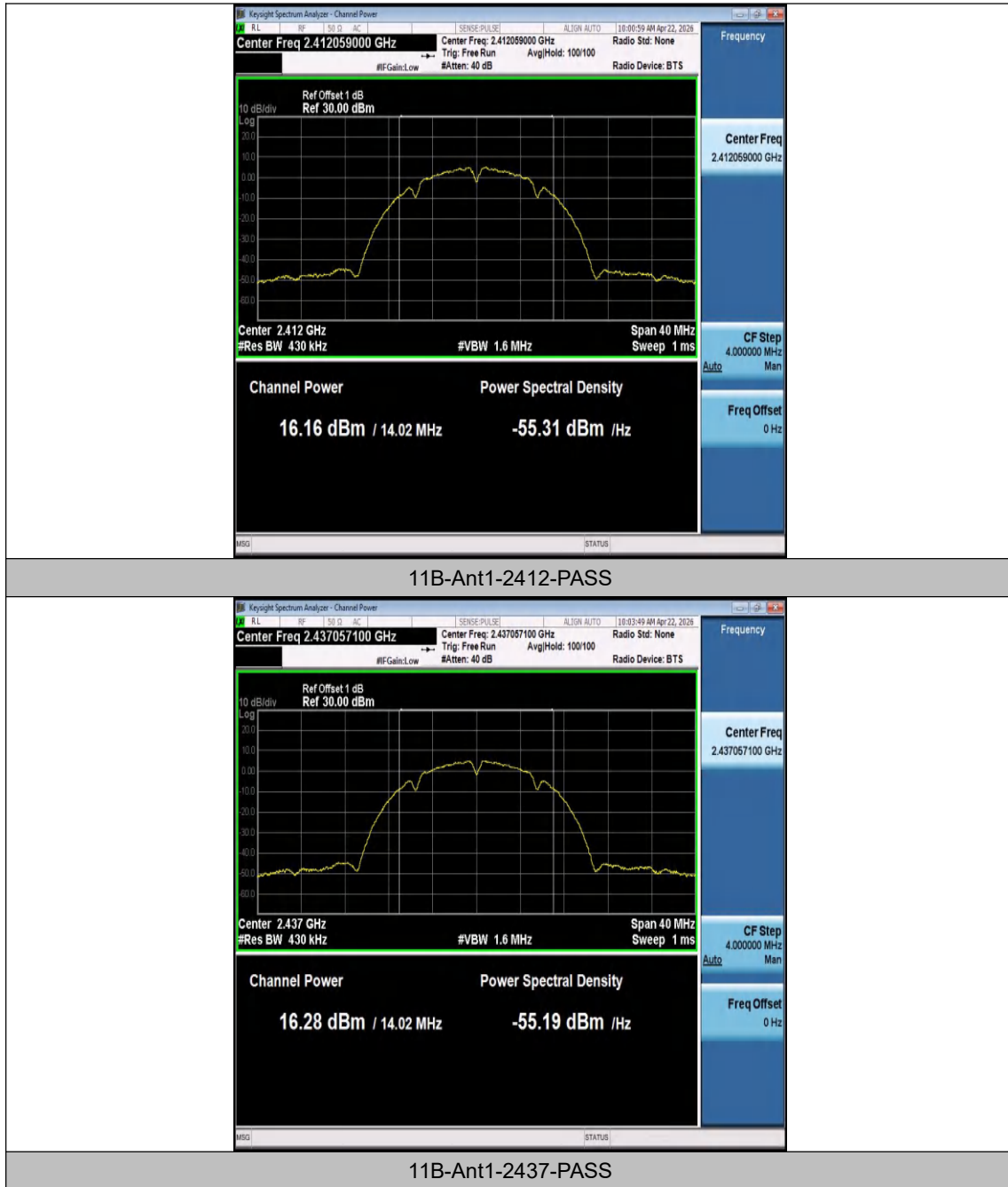
Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	16.16	≤30.00	PASS
11B	Ant1	2437	16.28	≤30.00	PASS
11B	Ant1	2462	16.42	≤30.00	PASS
11G	Ant1	2412	12.89	≤30.00	PASS
11G	Ant1	2437	13.03	≤30.00	PASS
11G	Ant1	2462	13.15	≤30.00	PASS
11N20SISO	Ant1	2412	12.89	≤30.00	PASS
11N20SISO	Ant1	2437	12.93	≤30.00	PASS
11N20SISO	Ant1	2462	13.13	≤30.00	PASS

Note: The cable loss are compensated in the graph.

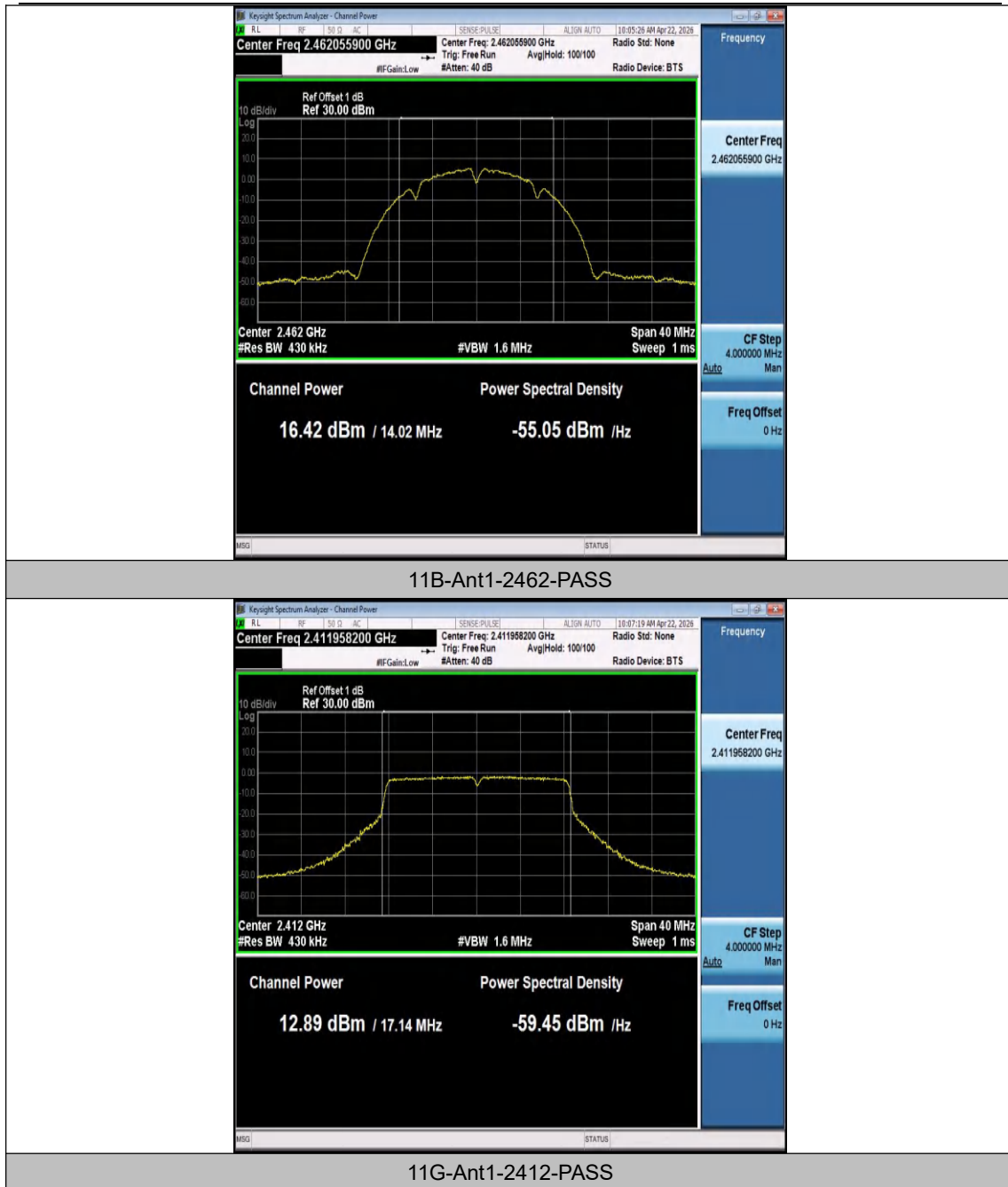
Test Graphs Average



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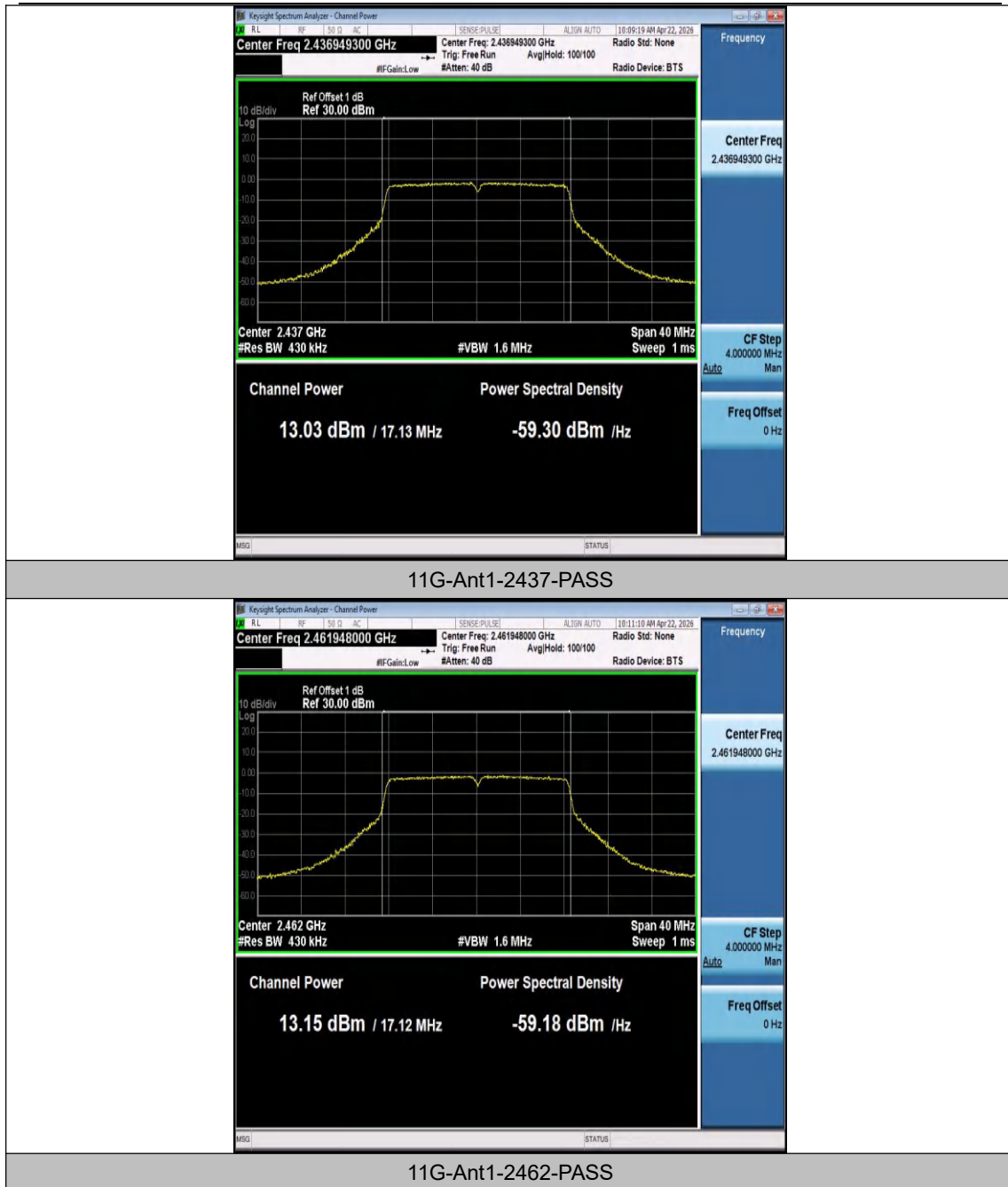
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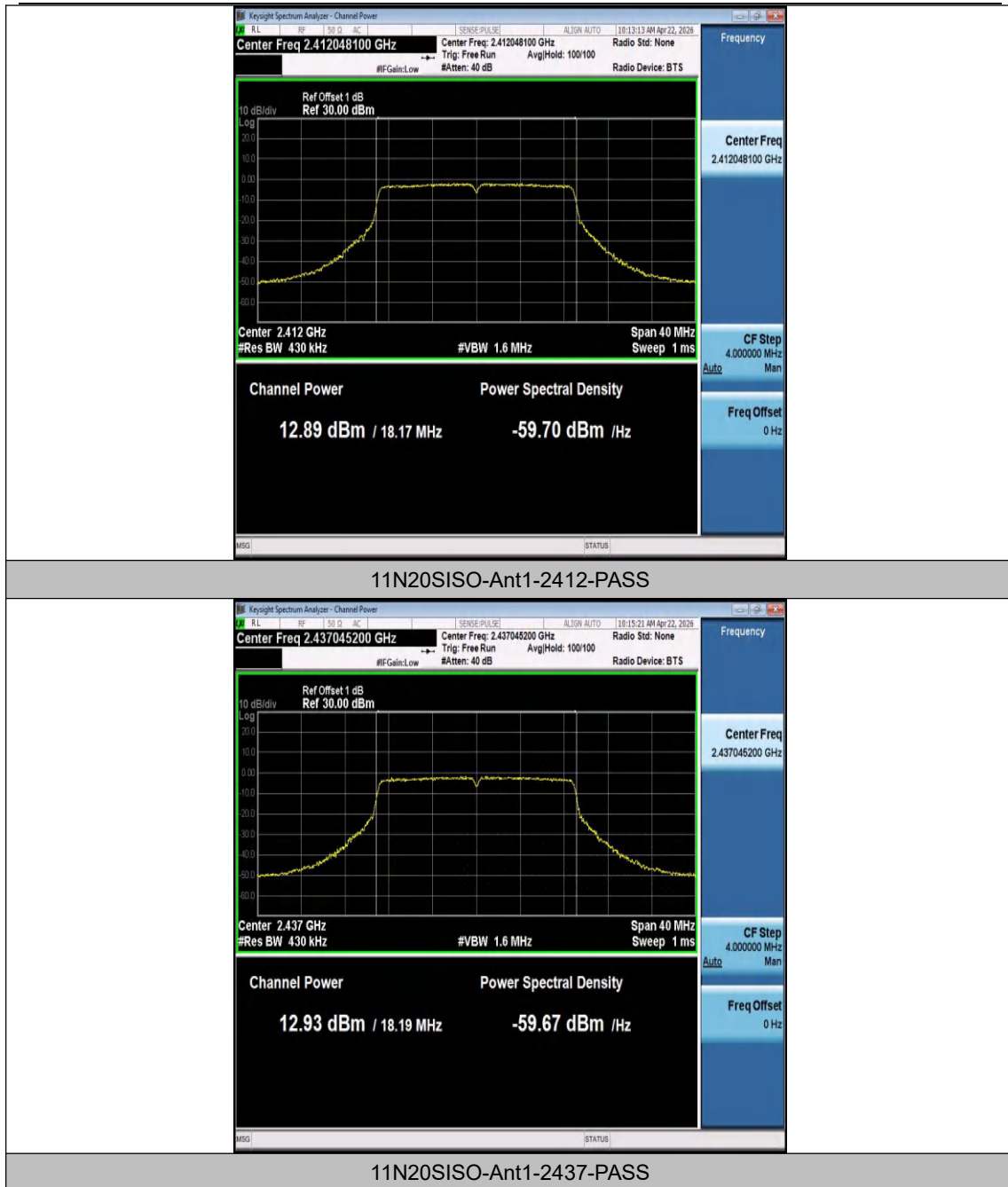
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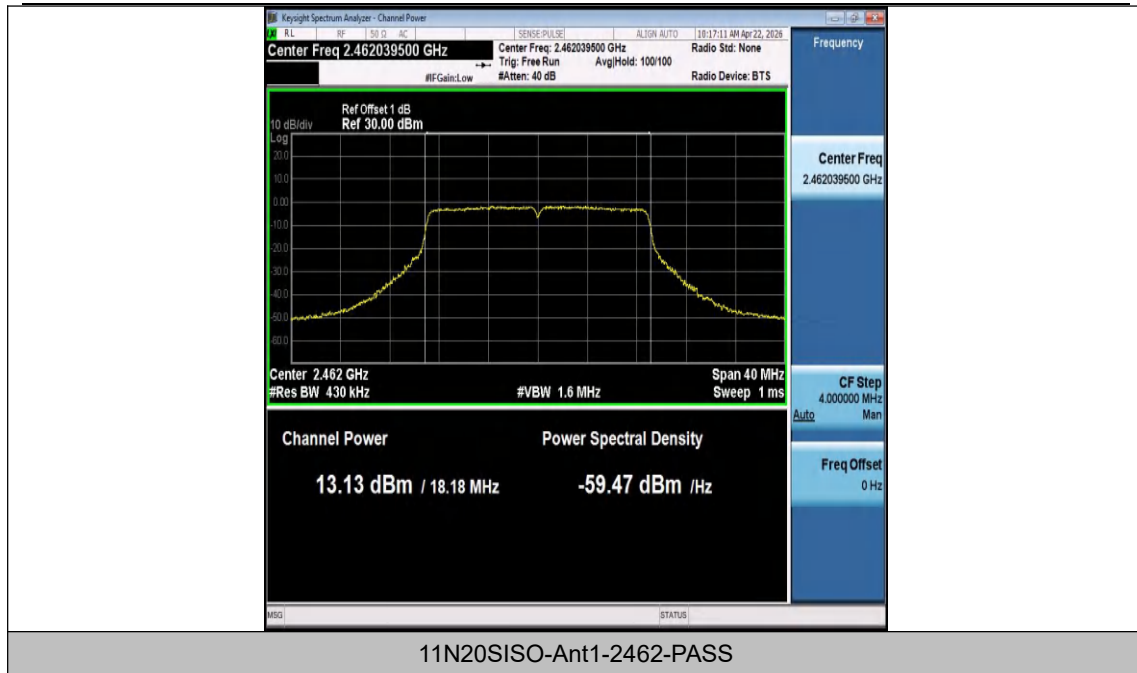
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Appendix D: Maximum power spectral density

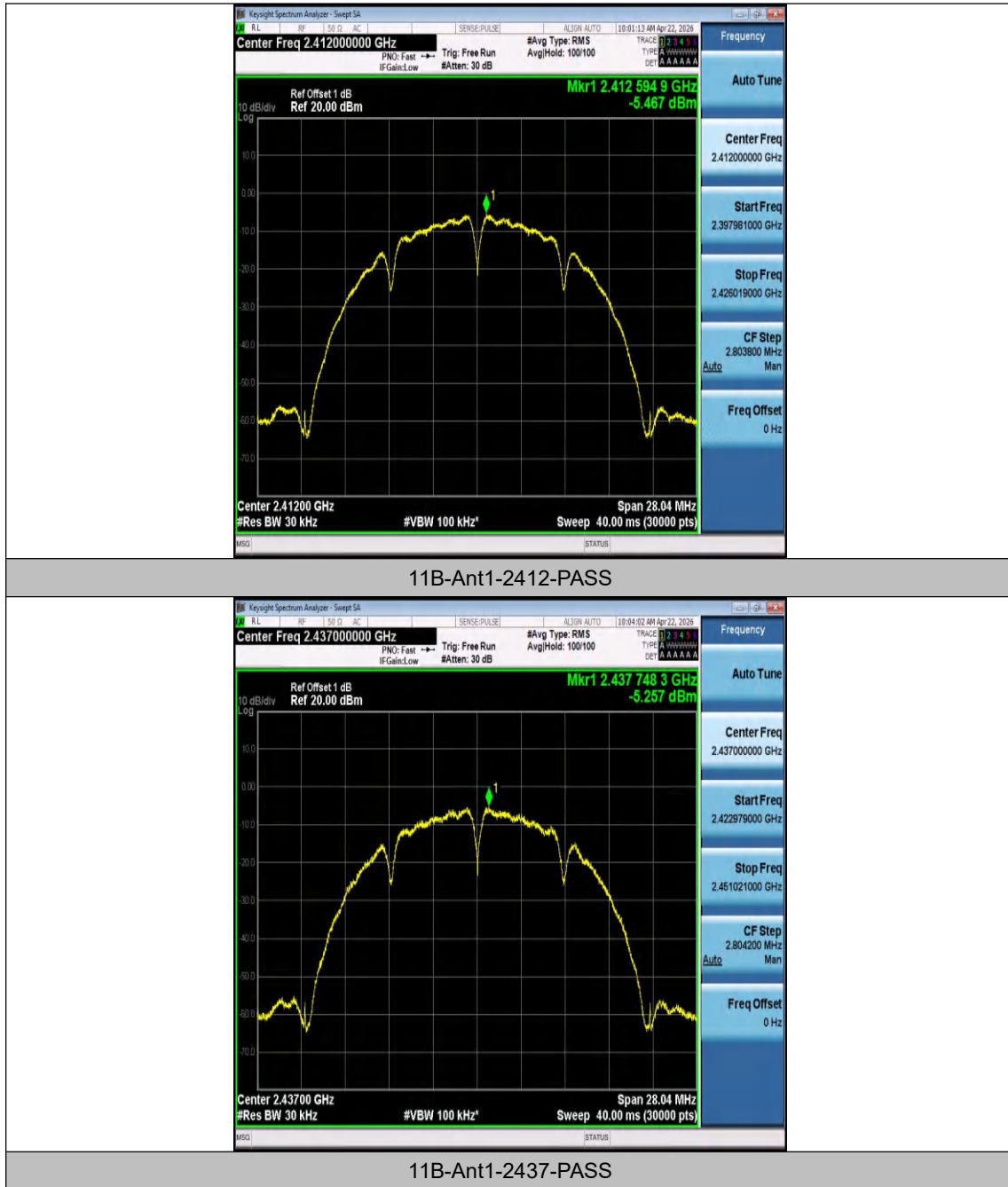
Test Result

Test Mode	Antenna	Frequency [MHz]	Result[dBm/30kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-5.47	≤8.00	PASS
11B	Ant1	2437	-5.26	≤8.00	PASS
11B	Ant1	2462	-4.98	≤8.00	PASS
11G	Ant1	2412	-11.51	≤8.00	PASS
11G	Ant1	2437	-11.10	≤8.00	PASS
11G	Ant1	2462	-11.04	≤8.00	PASS
11N20SIS O	Ant1	2412	-11.28	≤8.00	PASS
11N20SIS O	Ant1	2437	-11.17	≤8.00	PASS
11N20SIS O	Ant1	2462	-11.39	≤8.00	PASS

Note:

The cable loss are compensated in the graph.

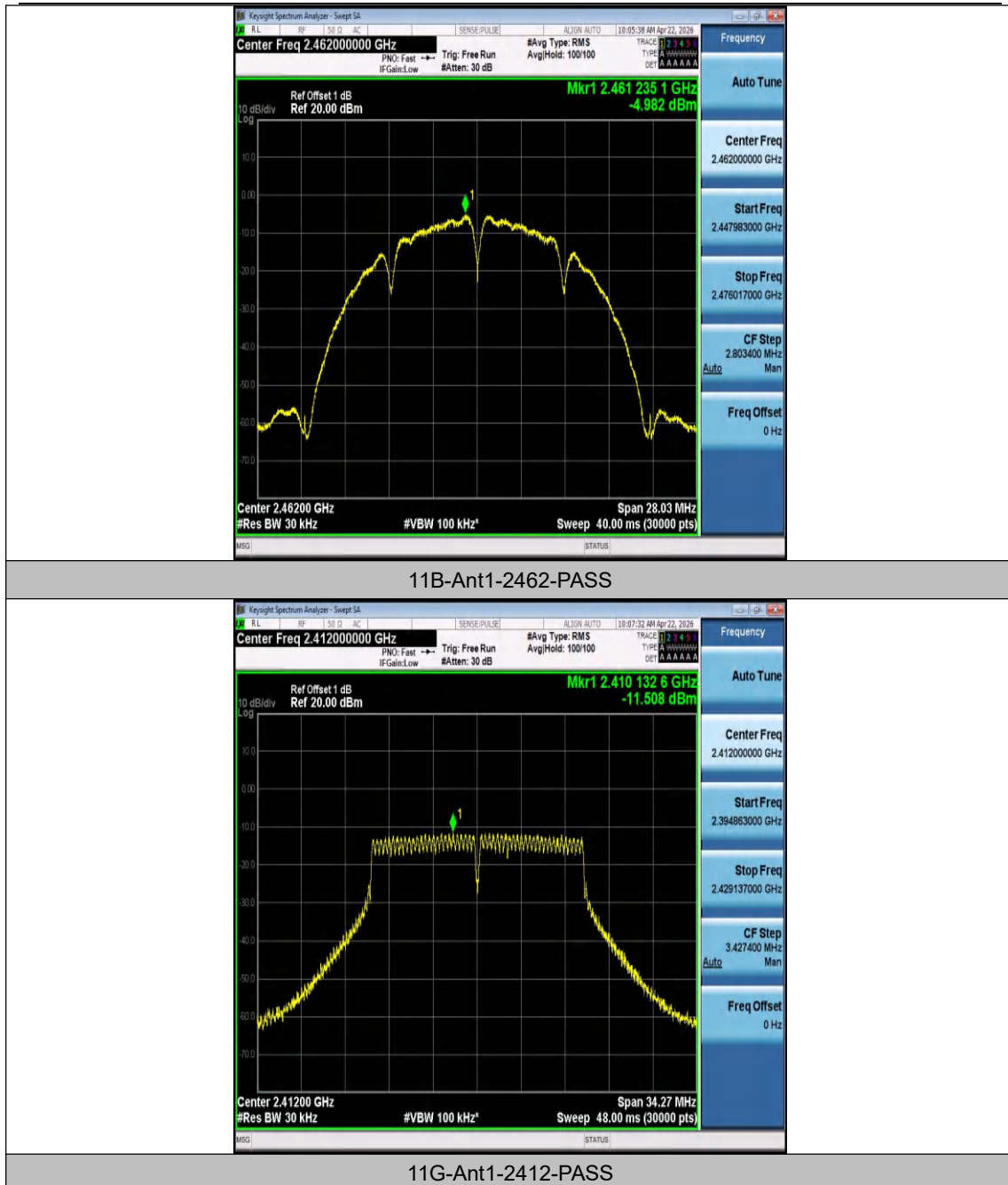
Test Graphs



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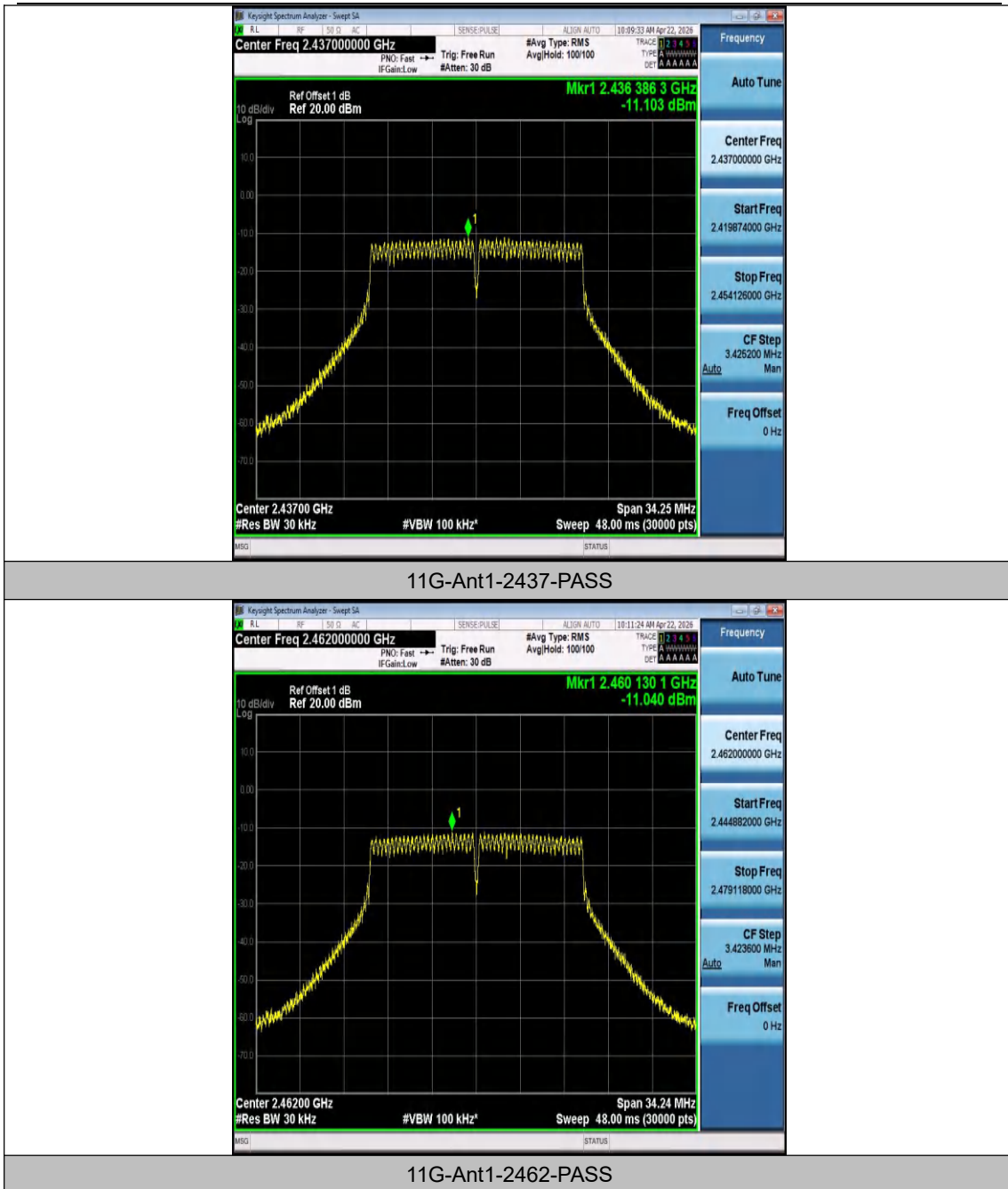
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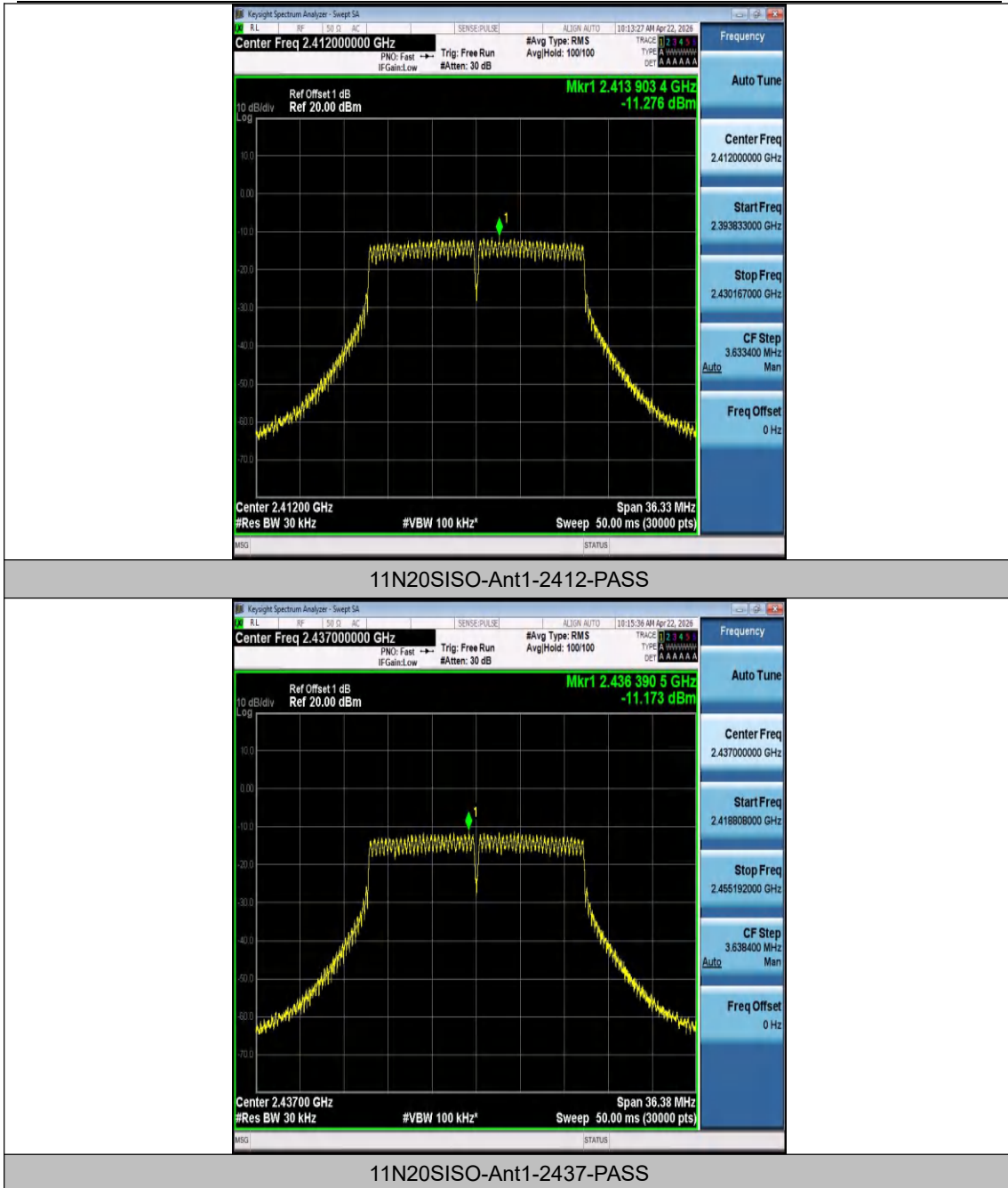
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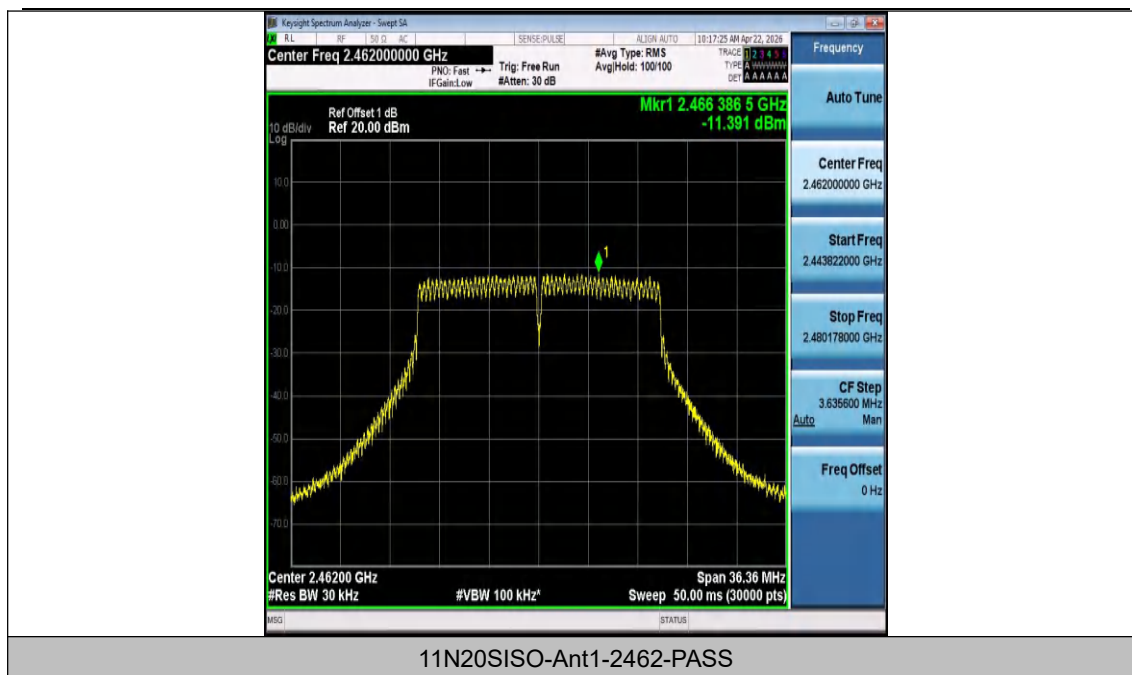
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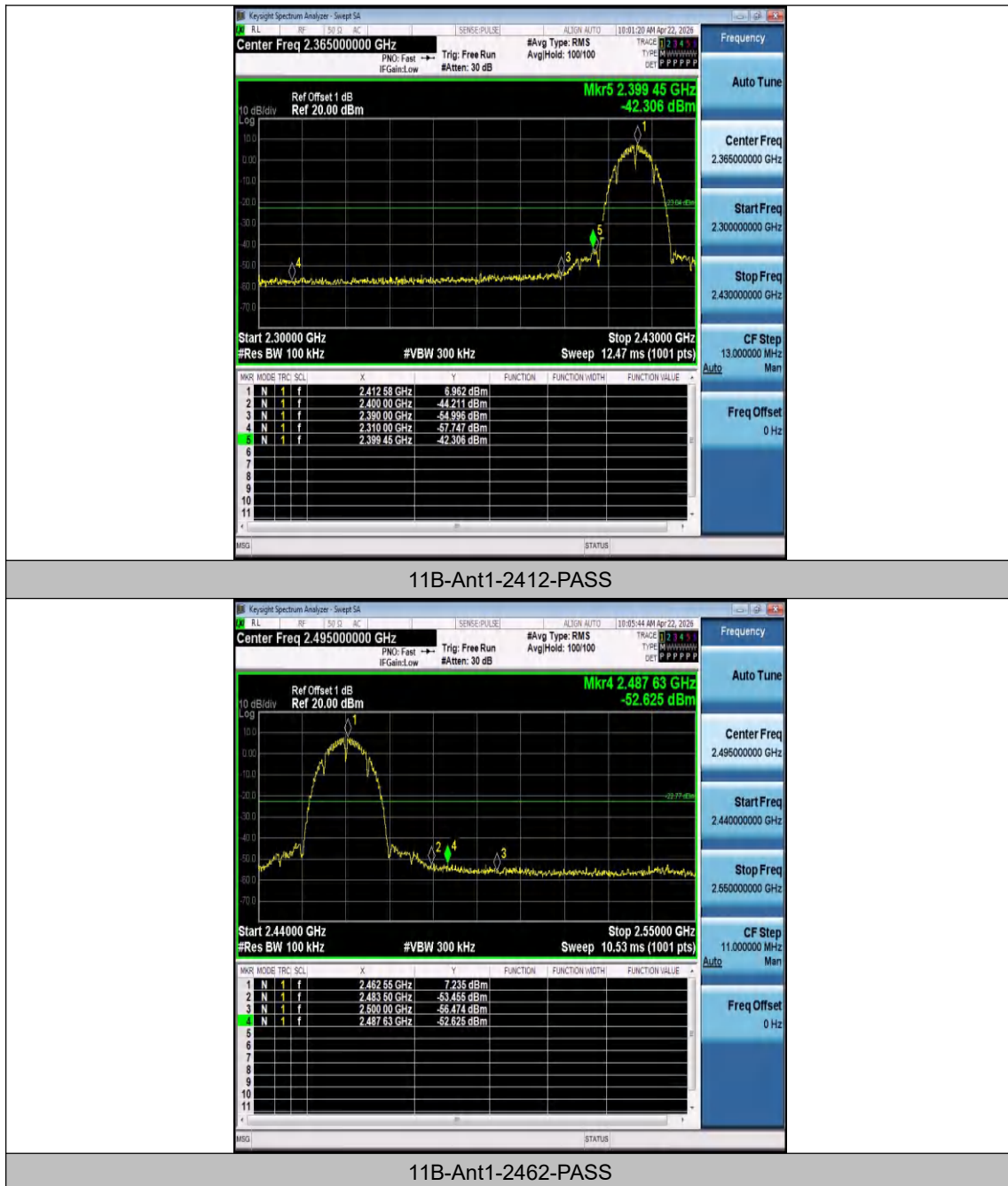
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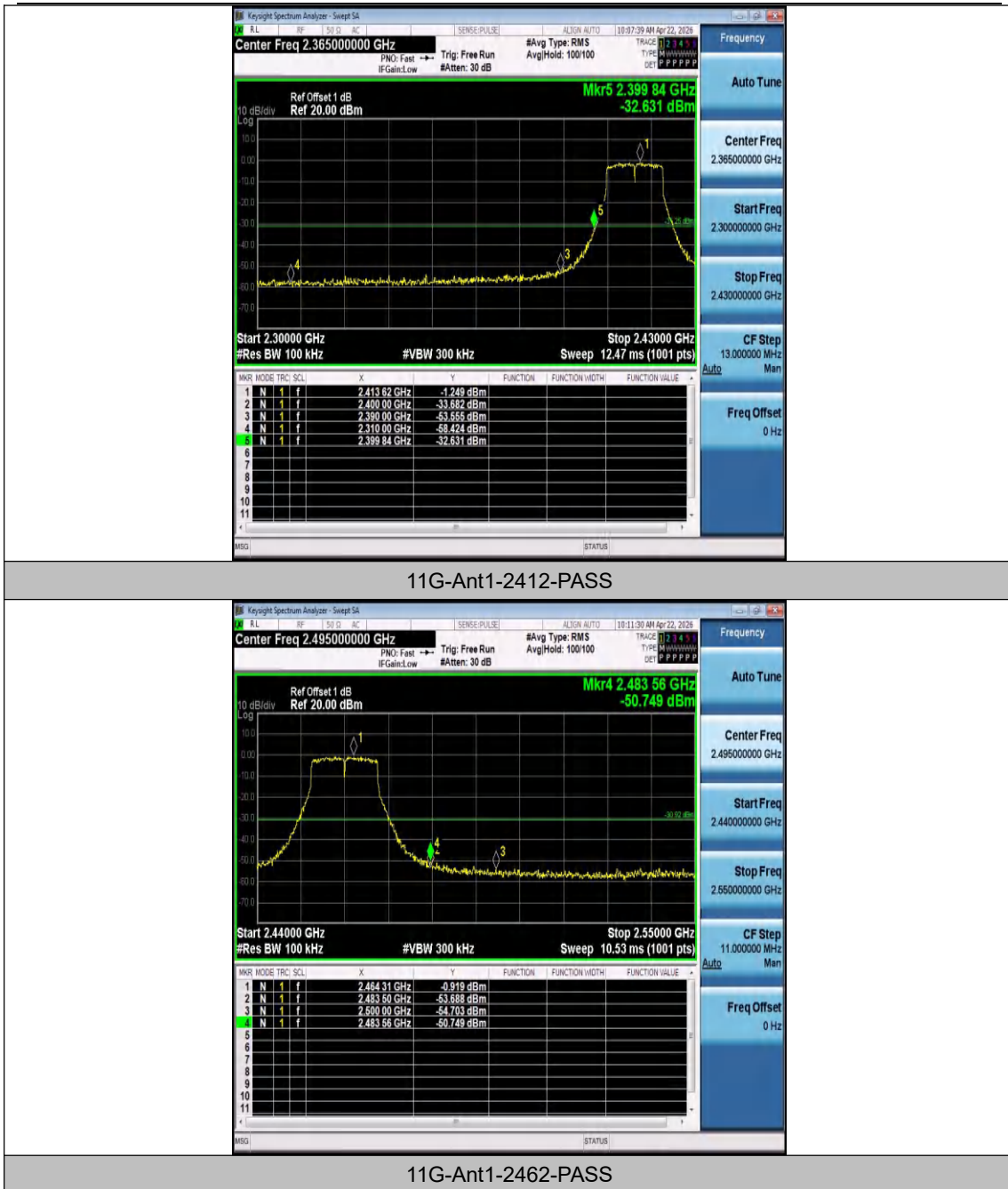
Appendix E: Conducted Band edge

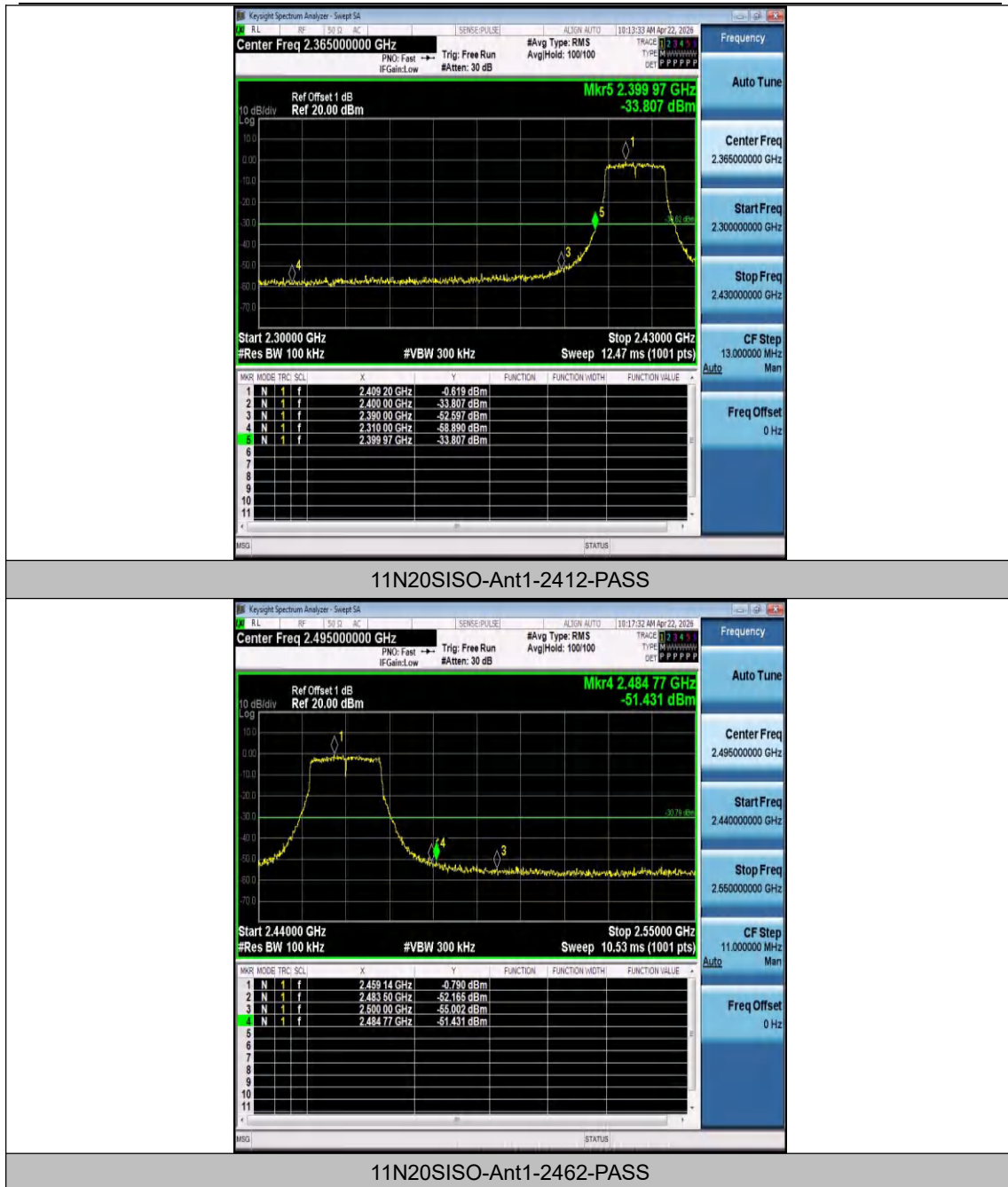
Test Result

Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.96	-42.31	≤-23.04	PASS
11B	Ant1	High	2462	7.24	-52.63	≤-22.77	PASS
11G	Ant1	Low	2412	-1.25	-32.63	≤-31.25	PASS
11G	Ant1	High	2462	-0.92	-50.75	≤-30.92	PASS
11N20SISO	Ant1	Low	2412	-0.62	-33.81	≤-30.62	PASS
11N20SISO	Ant1	High	2462	-0.79	-51.43	≤-30.79	PASS

Test Graphs







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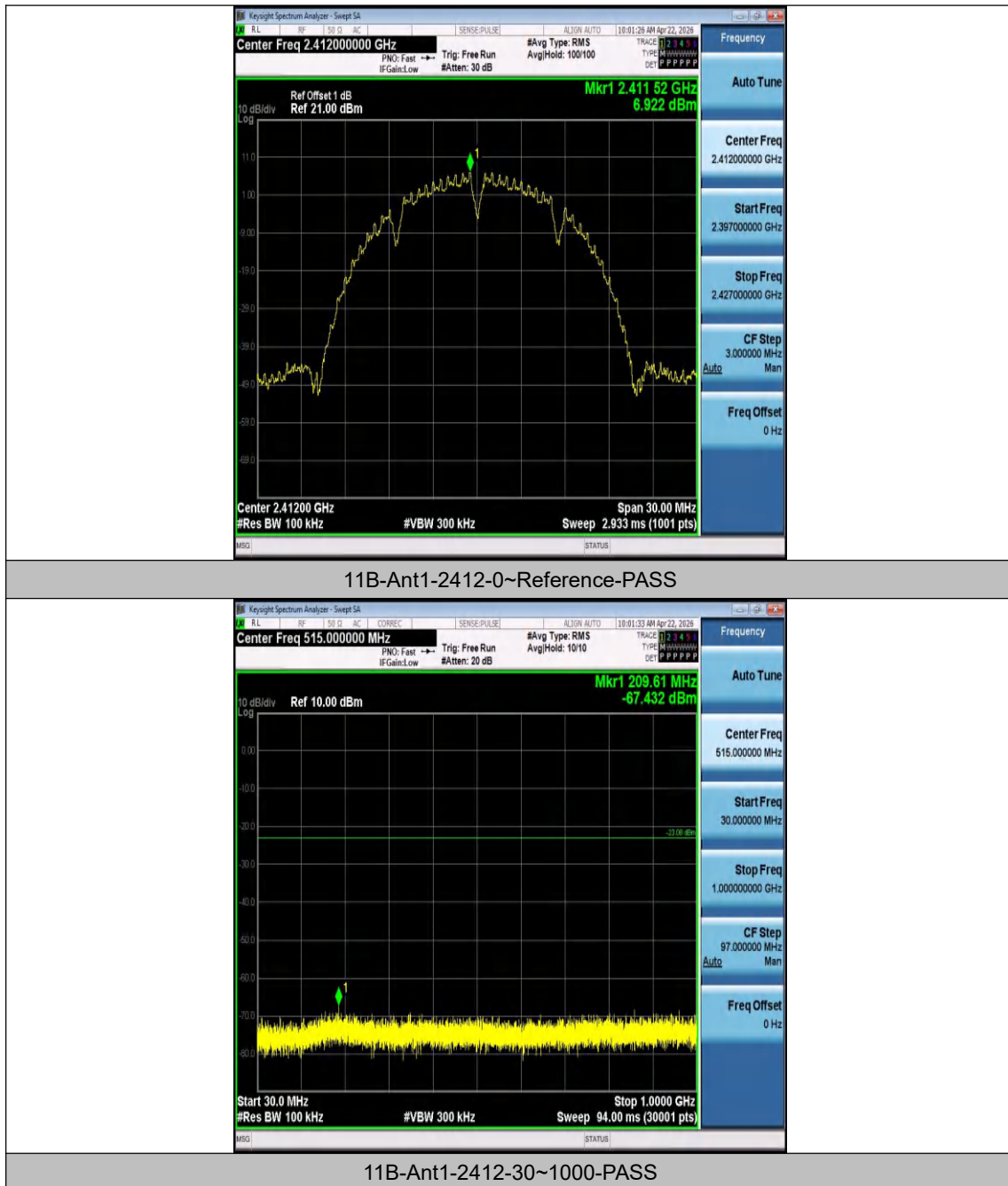
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	6.92	6.92	---	PASS
11B	Ant1	2412	30~1000	6.92	-67.43	≤-23.08	PASS
11B	Ant1	2412	1000~26500	6.92	-35.81	≤-23.08	PASS
11B	Ant1	2437	0~Reference	7.04	7.04	---	PASS
11B	Ant1	2437	30~1000	7.04	-68.47	≤-22.96	PASS
11B	Ant1	2437	1000~26500	7.04	-35.94	≤-22.96	PASS
11B	Ant1	2462	0~Reference	7.26	7.26	---	PASS
11B	Ant1	2462	30~1000	7.26	-67.25	≤-22.74	PASS
11B	Ant1	2462	1000~26500	7.26	-35.15	≤-22.74	PASS
11G	Ant1	2412	0~Reference	-1.10	-1.10	---	PASS
11G	Ant1	2412	30~1000	-1.10	-67.86	≤-31.1	PASS
11G	Ant1	2412	1000~26500	-1.10	-34.54	≤-31.1	PASS
11G	Ant1	2437	0~Reference	-1.12	-1.12	---	PASS
11G	Ant1	2437	30~1000	-1.12	-67.6	≤-31.12	PASS
11G	Ant1	2437	1000~26500	-1.12	-35.03	≤-31.12	PASS
11G	Ant1	2462	0~Reference	-0.75	-0.75	---	PASS
11G	Ant1	2462	30~1000	-0.75	-67.95	≤-30.75	PASS
11G	Ant1	2462	1000~26500	-0.75	-35.22	≤-30.75	PASS
11N20SISO	Ant1	2412	0~Reference	-0.90	-0.90	---	PASS
11N20SISO	Ant1	2412	30~1000	-0.90	-66.83	≤-30.9	PASS
11N20SISO	Ant1	2412	1000~26500	-0.90	-35.38	≤-30.9	PASS
11N20SISO	Ant1	2437	0~Reference	-1.25	-1.25	---	PASS
11N20SISO	Ant1	2437	30~1000	-1.25	-67.82	≤-31.25	PASS
11N20SISO	Ant1	2437	1000~26500	-1.25	-35.16	≤-31.25	PASS
11N20SISO	Ant1	2462	0~Reference	-1.12	-1.12	---	PASS
11N20SISO	Ant1	2462	30~1000	-1.12	-68.49	≤-31.12	PASS
11N20SISO	Ant1	2462	1000~26500	-1.12	-35.2	≤-31.12	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.

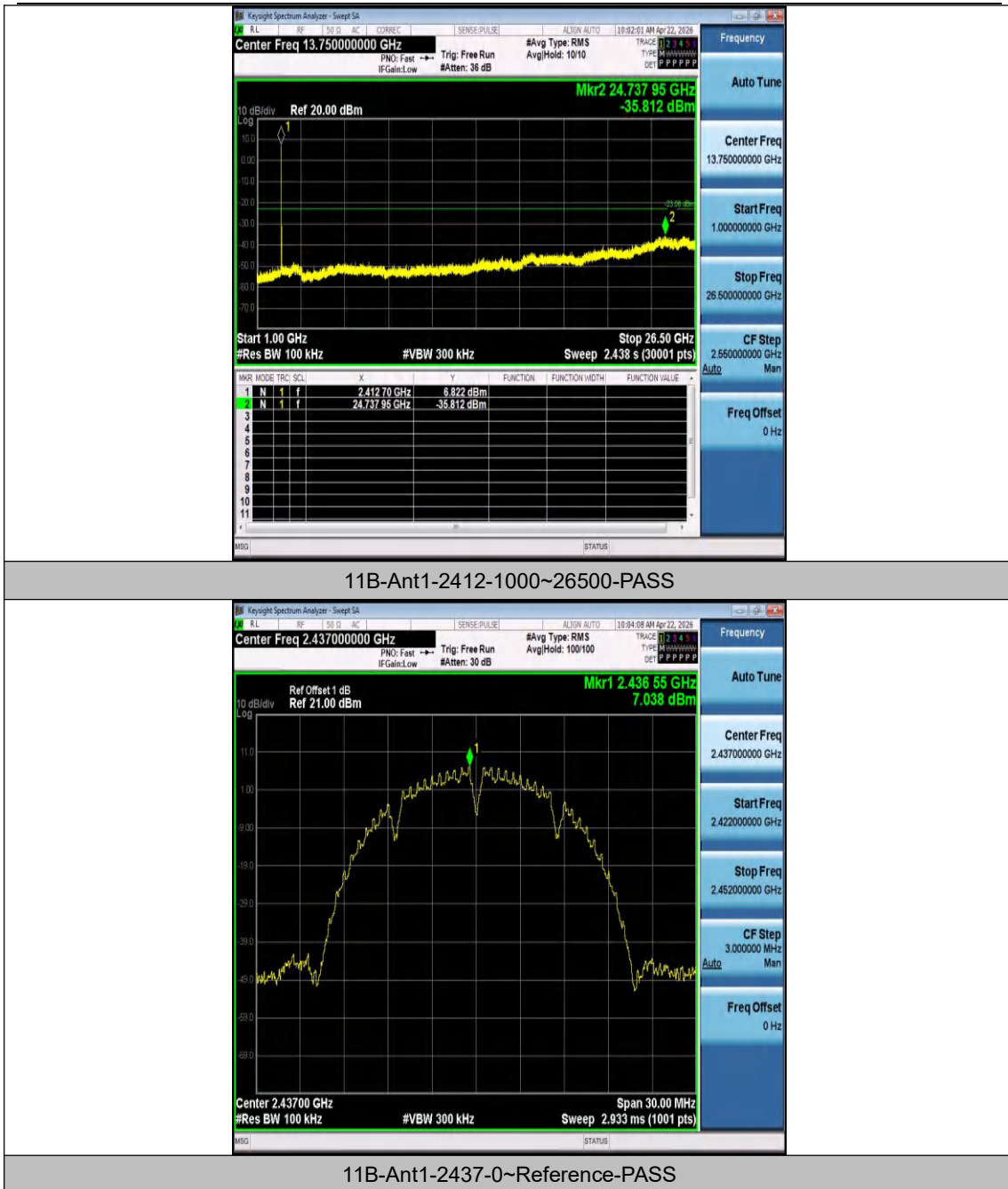
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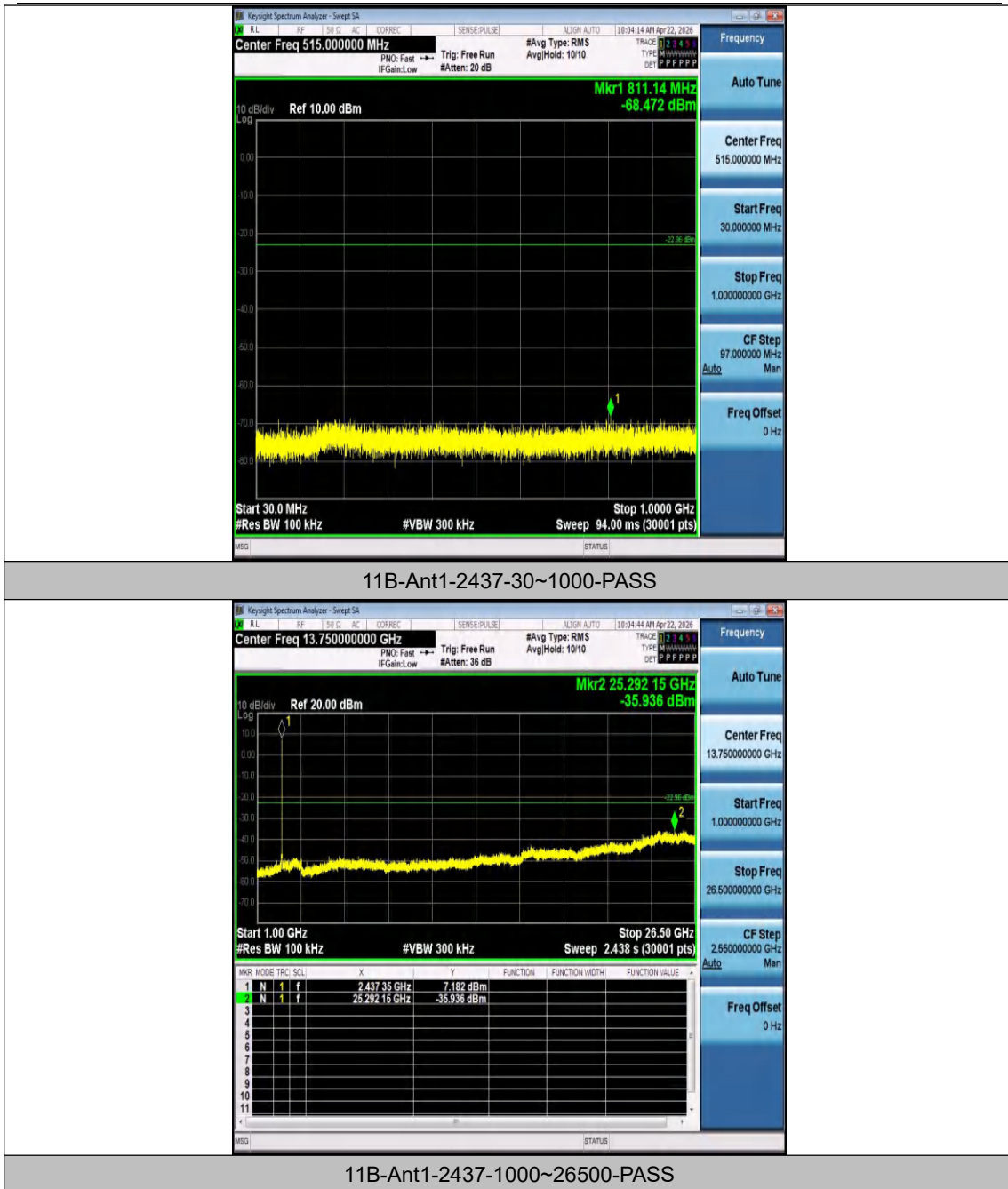
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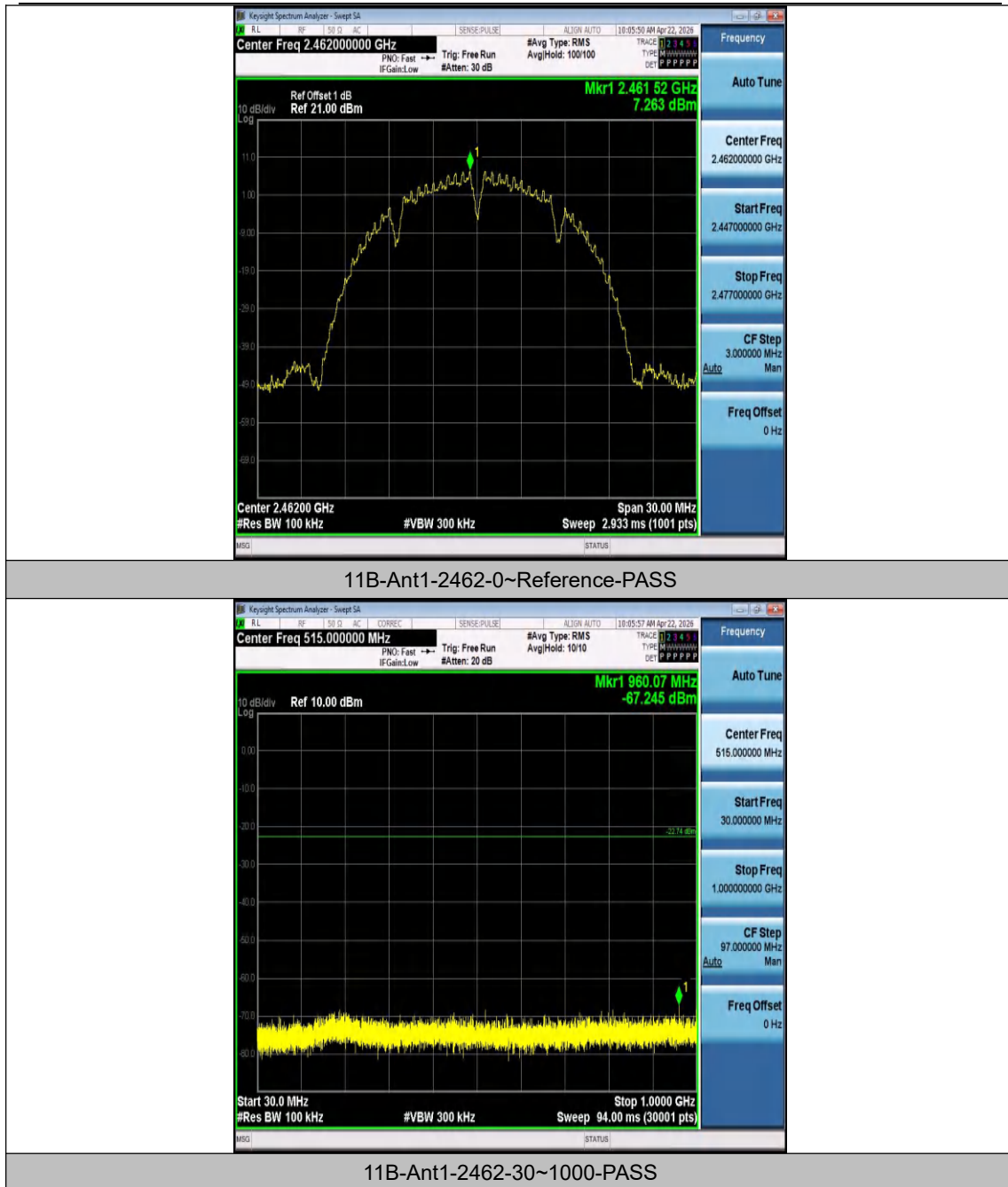
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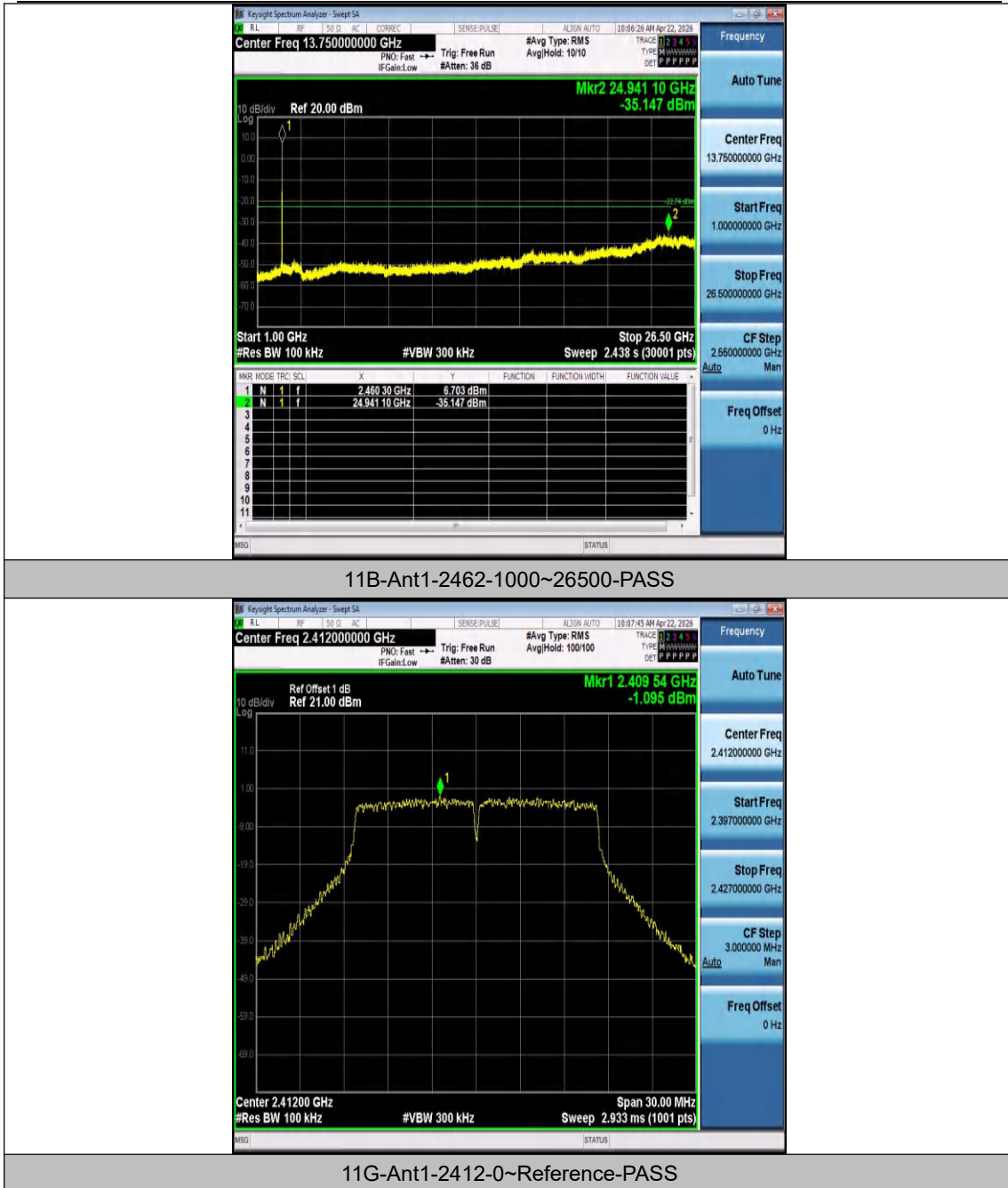
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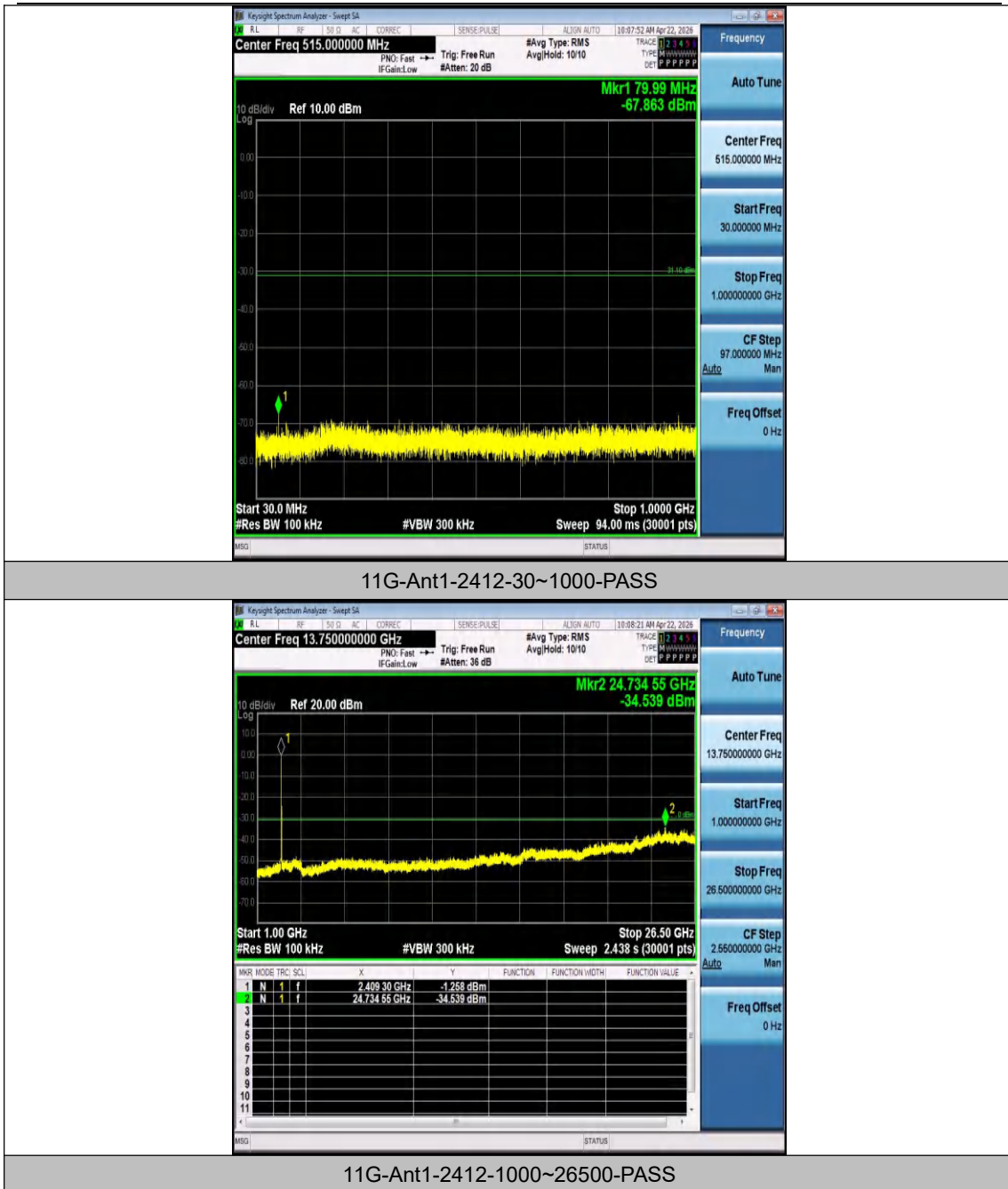
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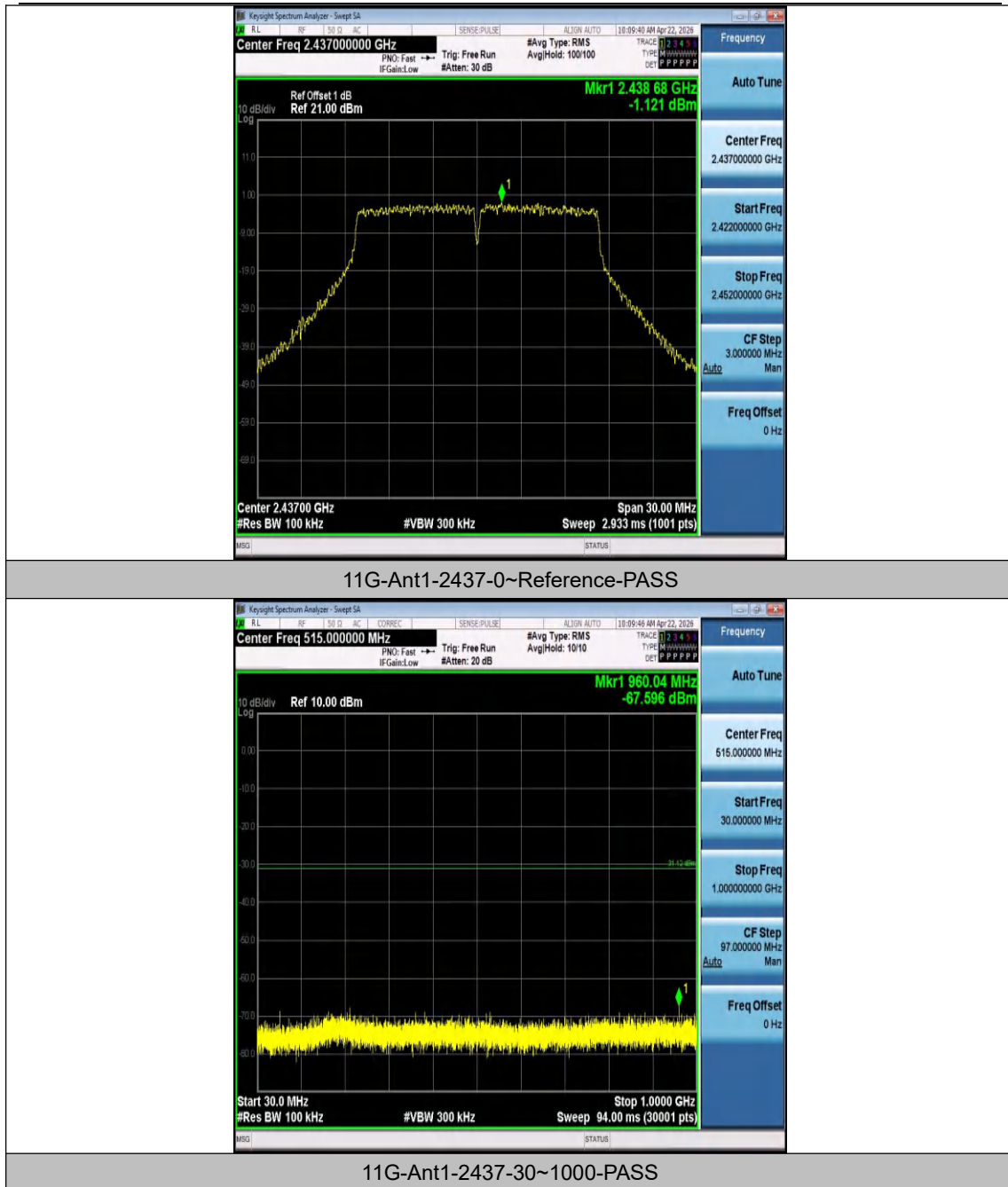
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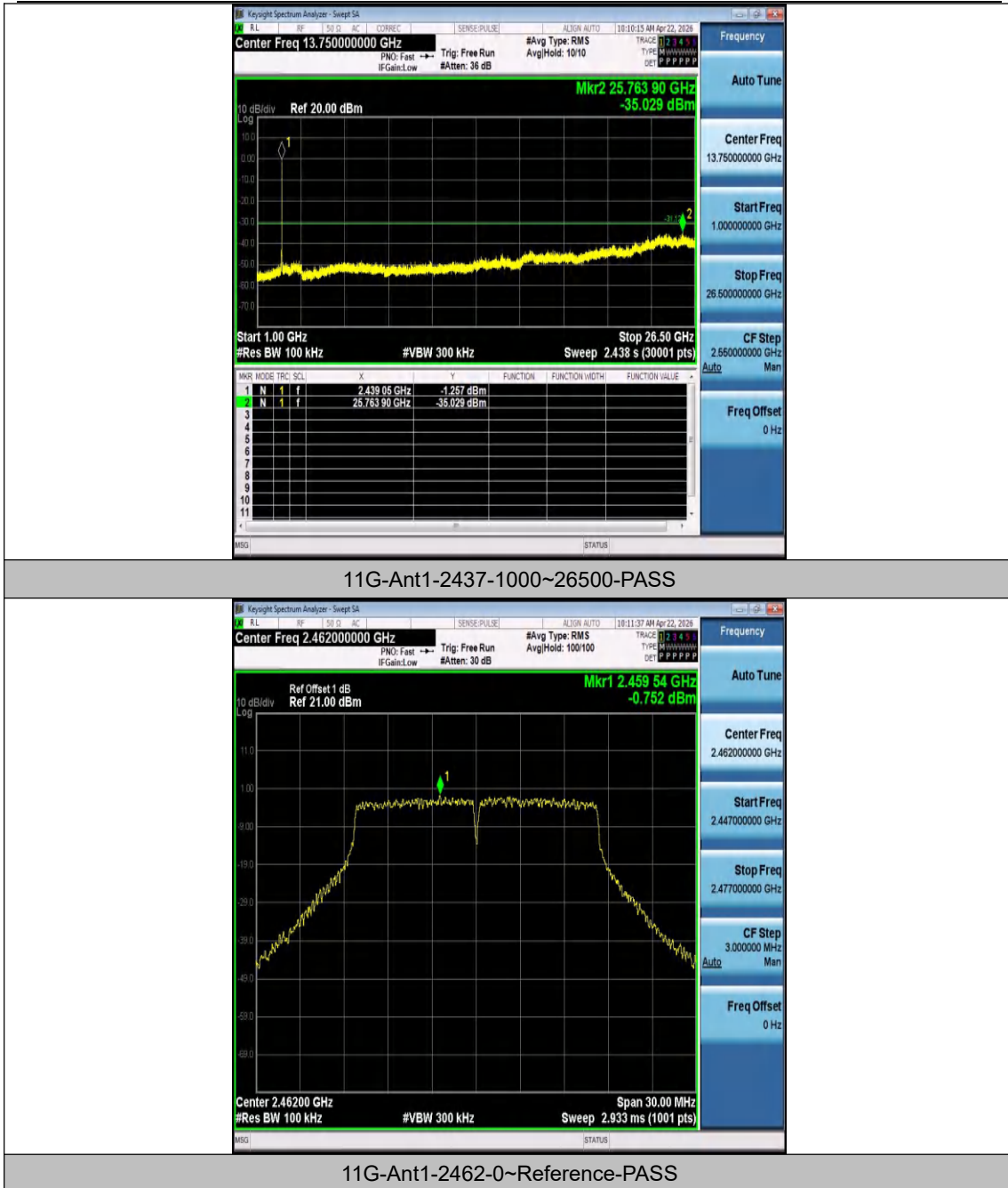
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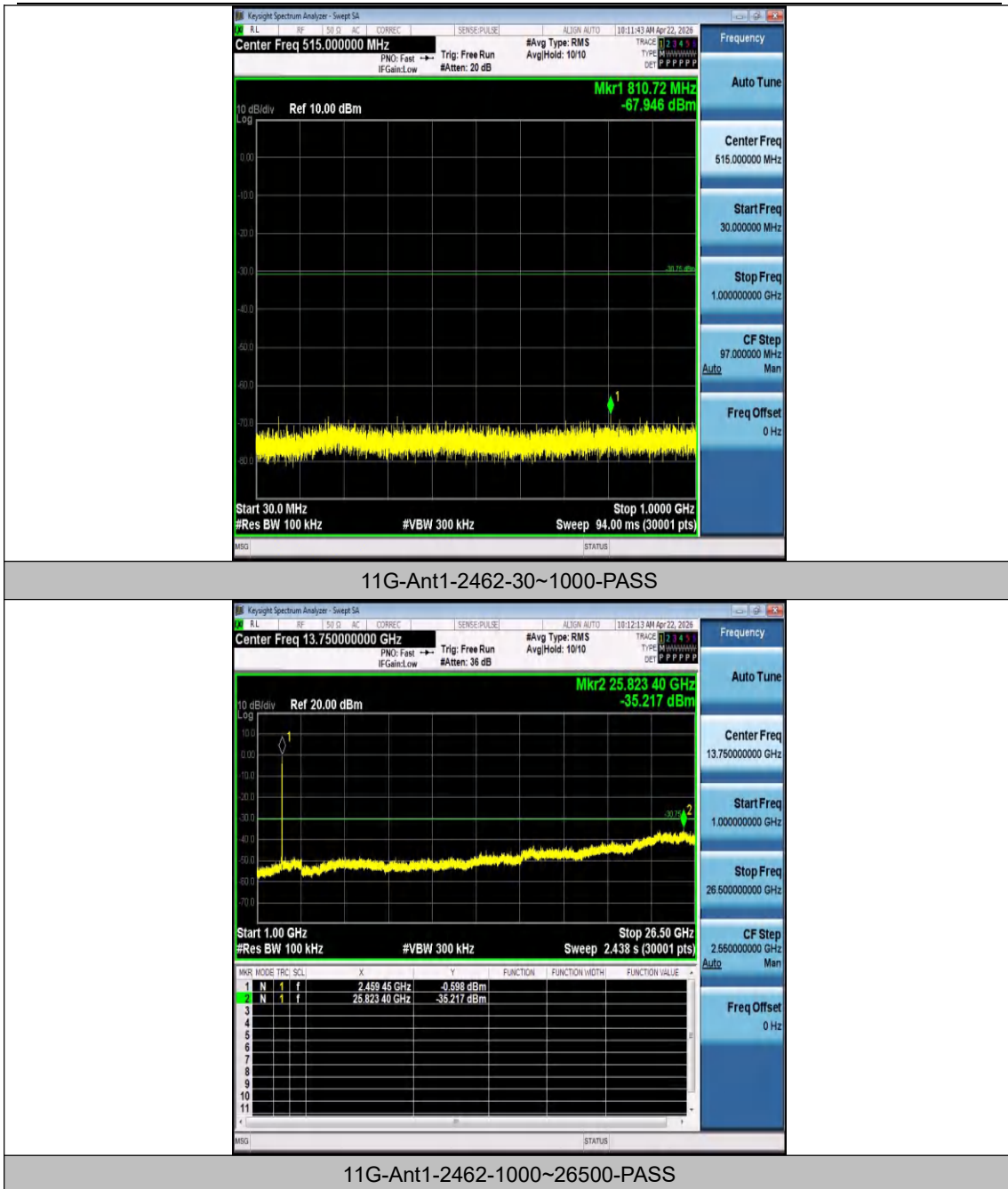
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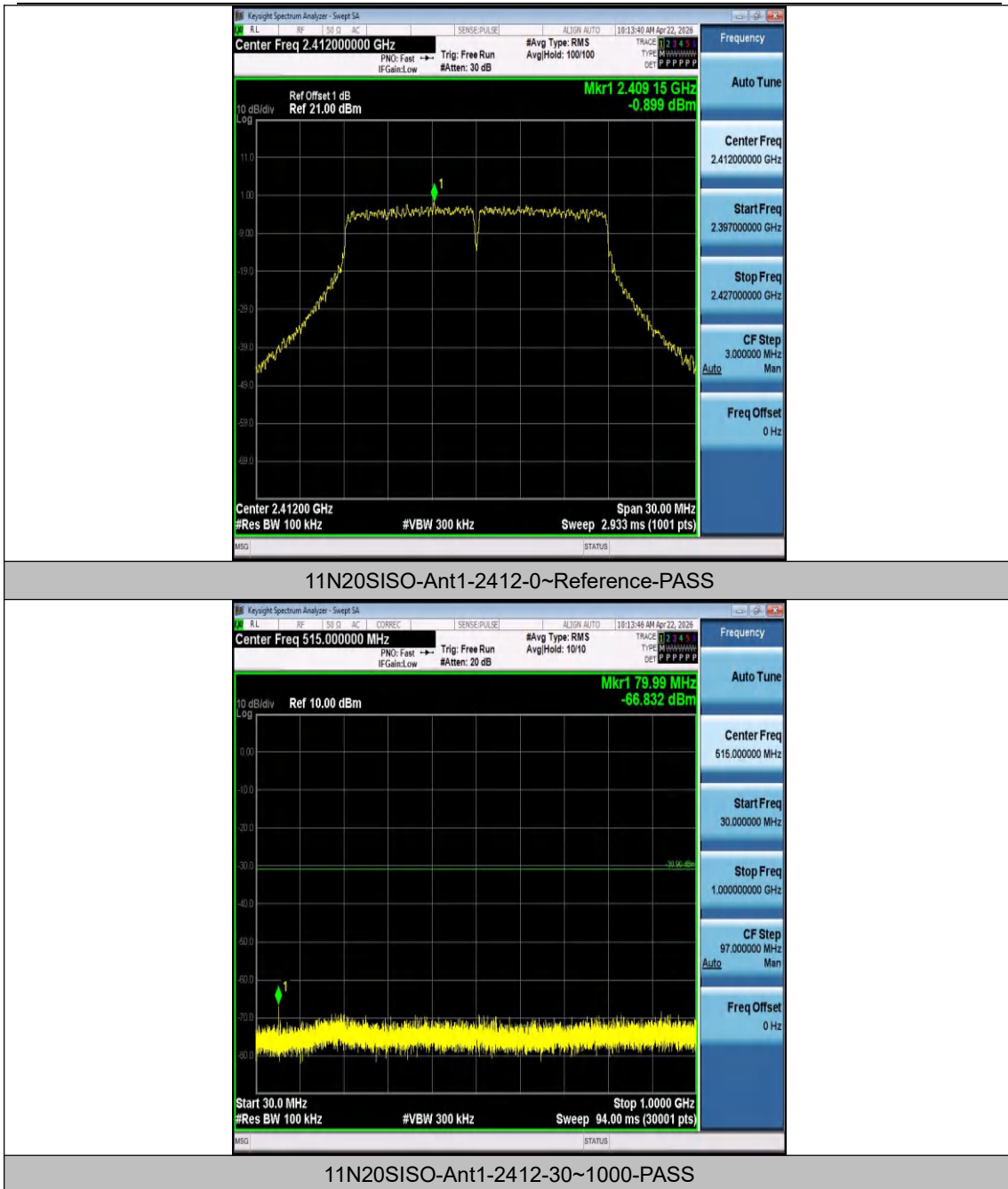
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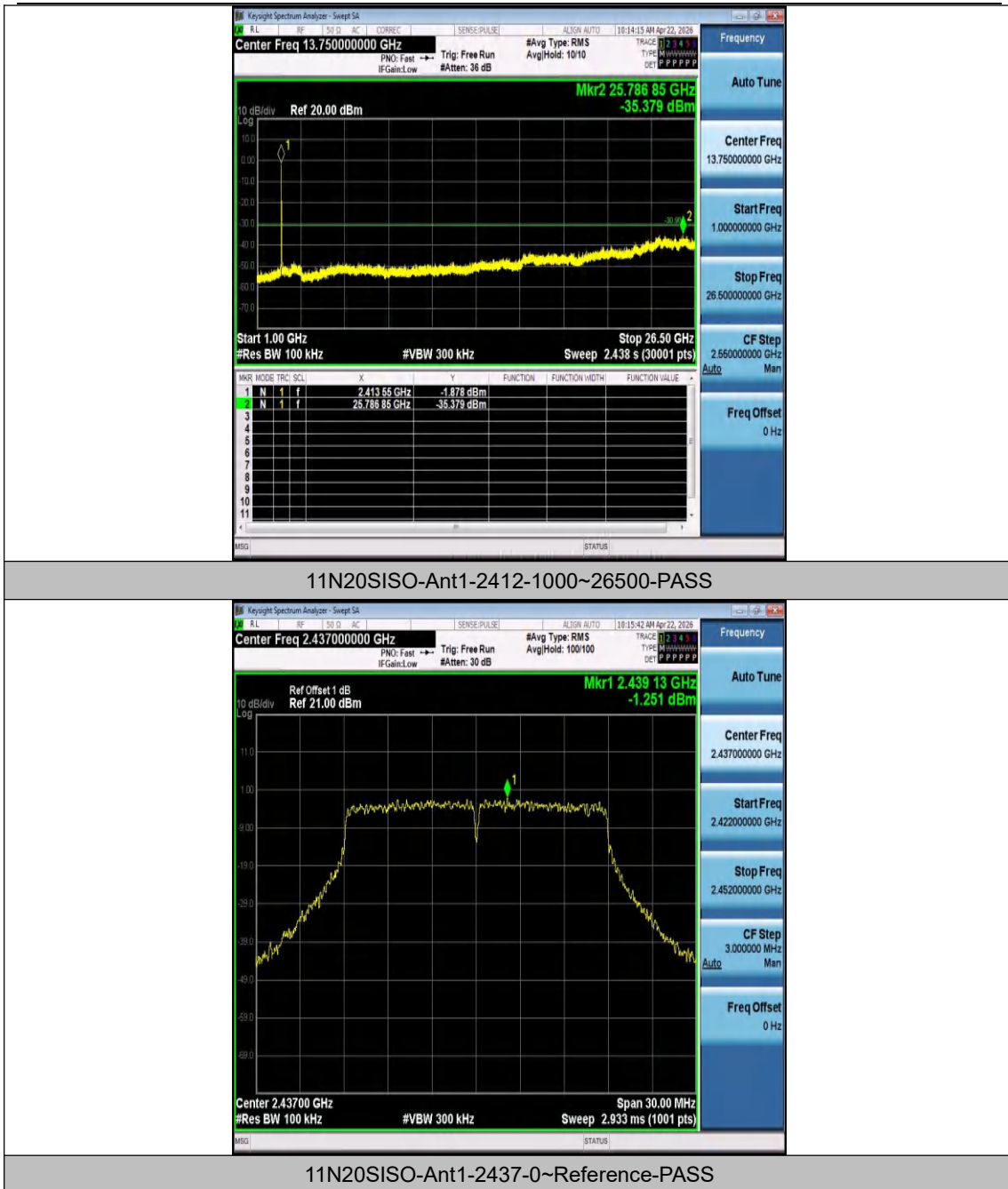
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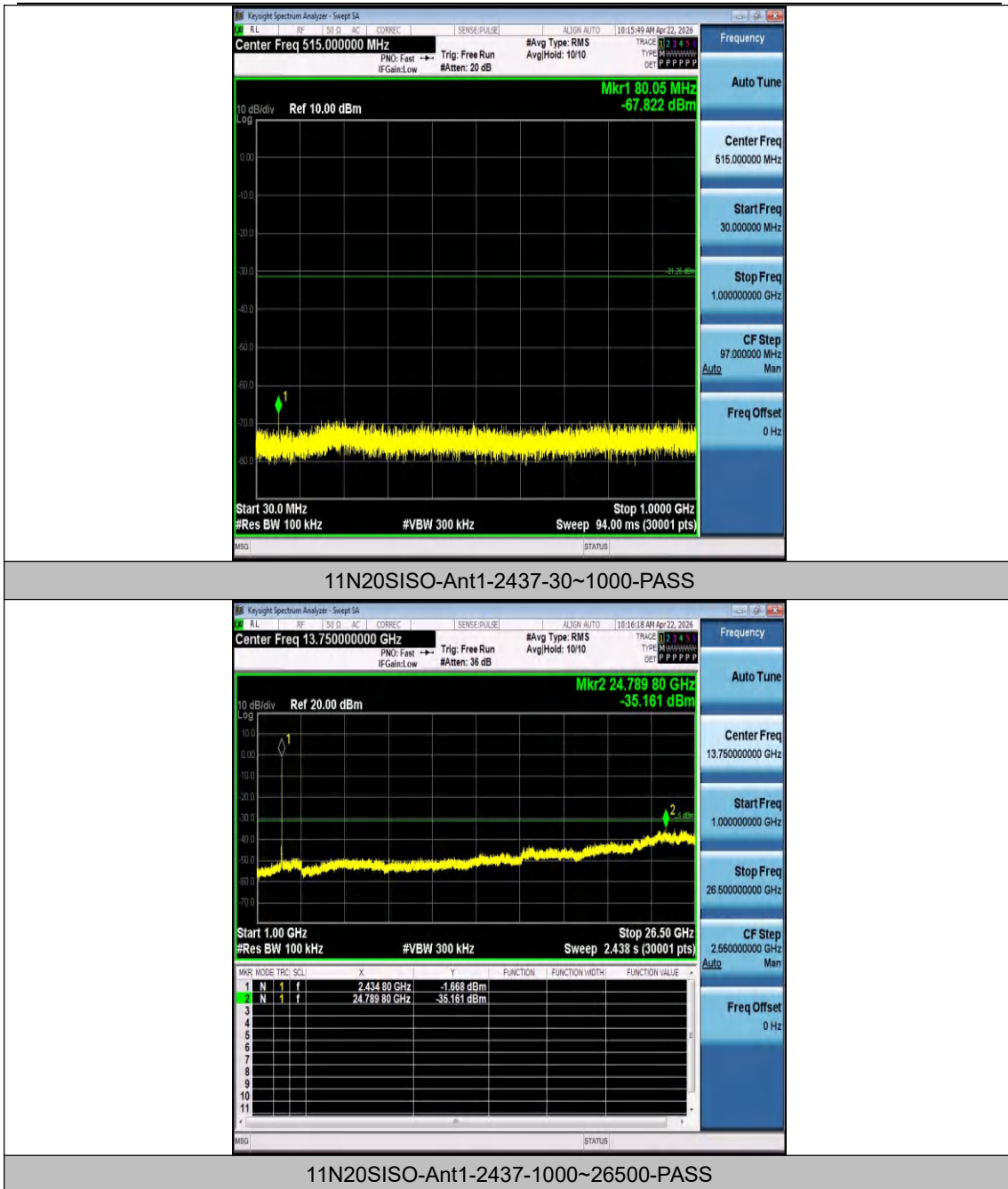
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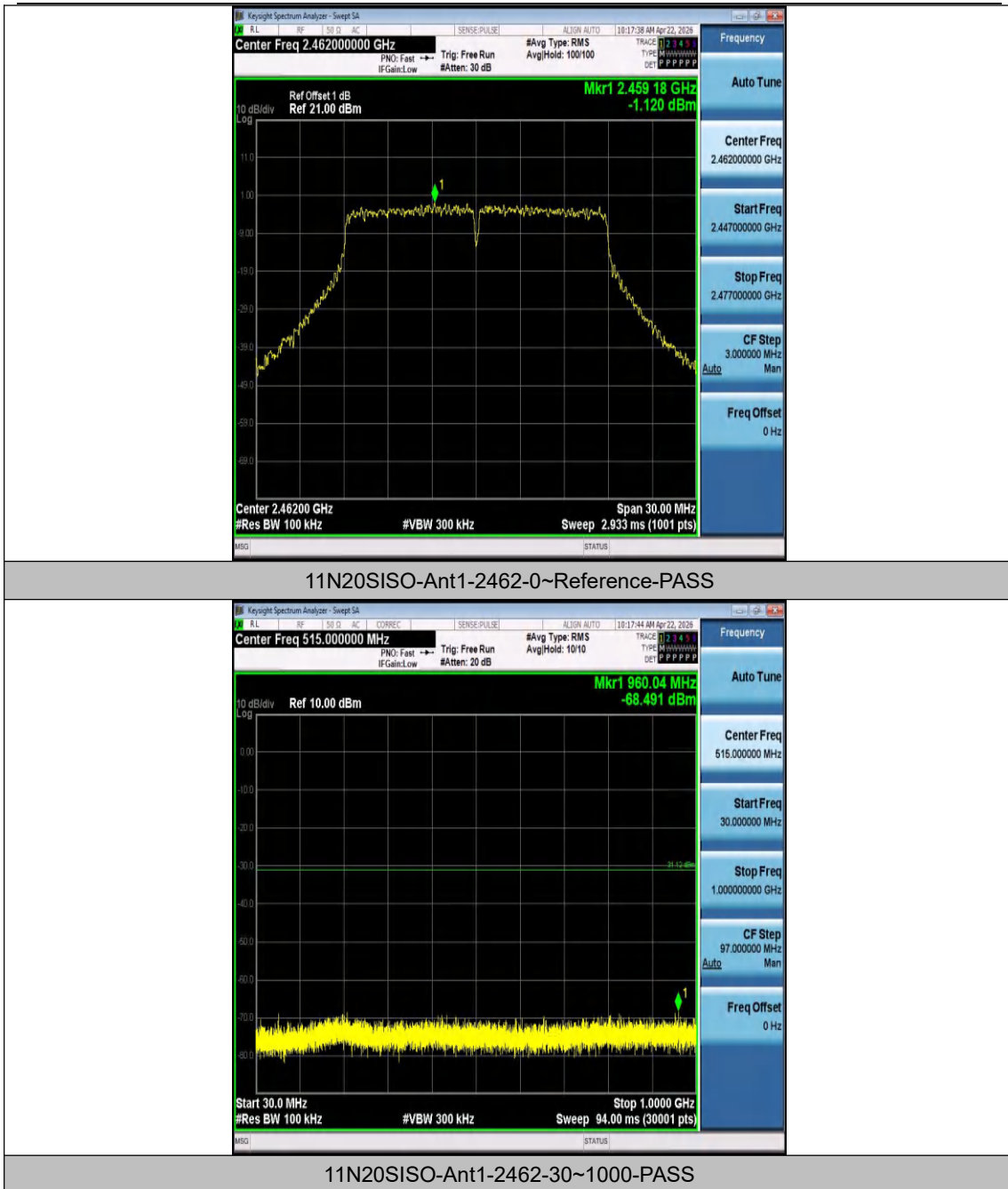
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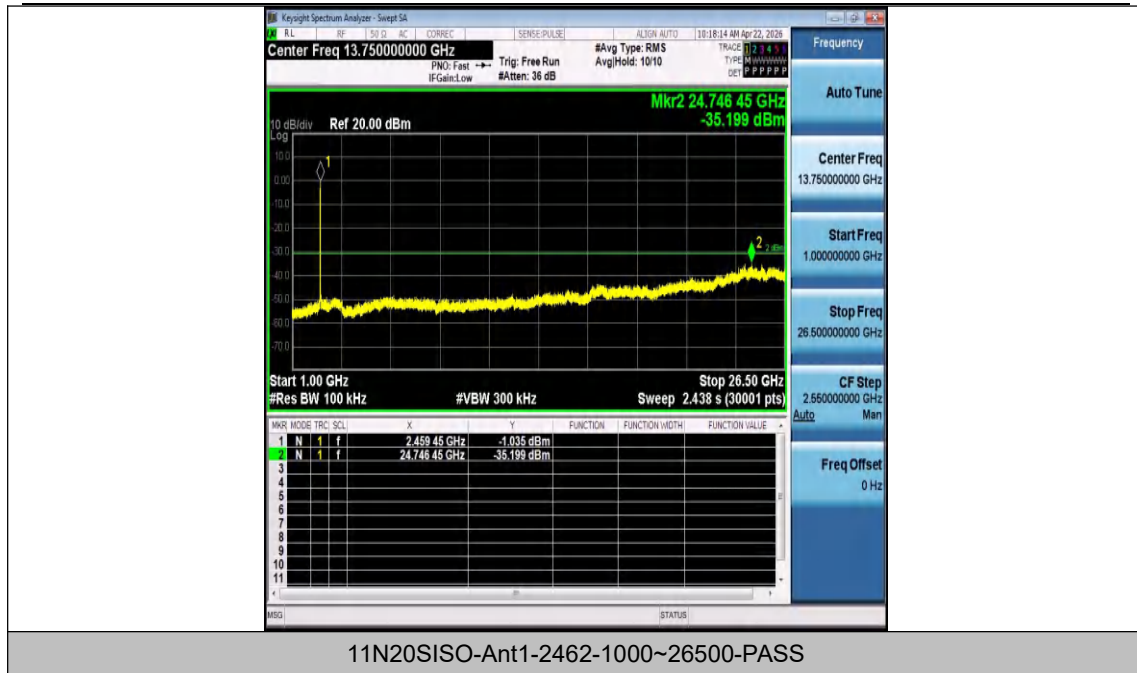
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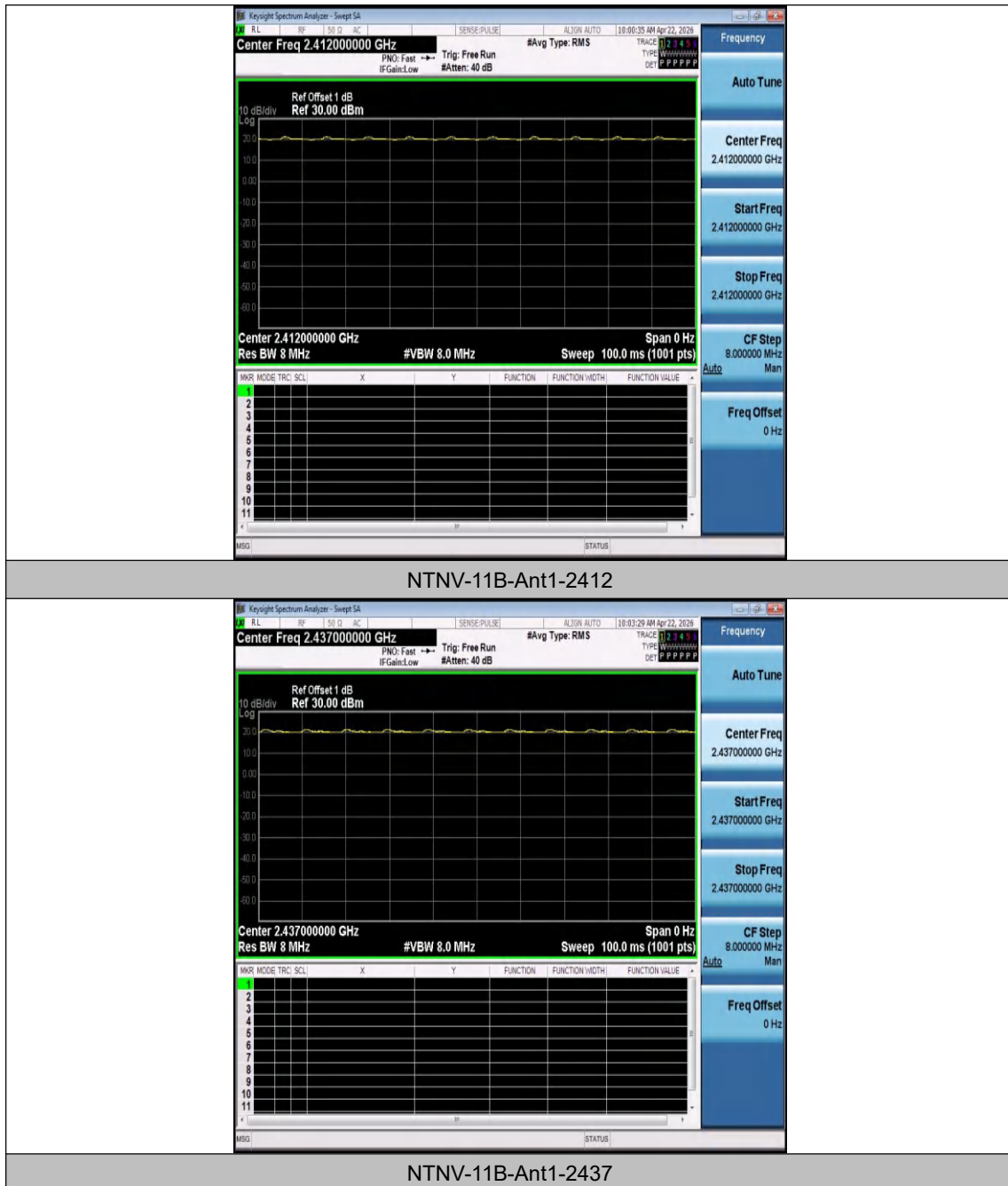
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Appendix G: Duty Cycle

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

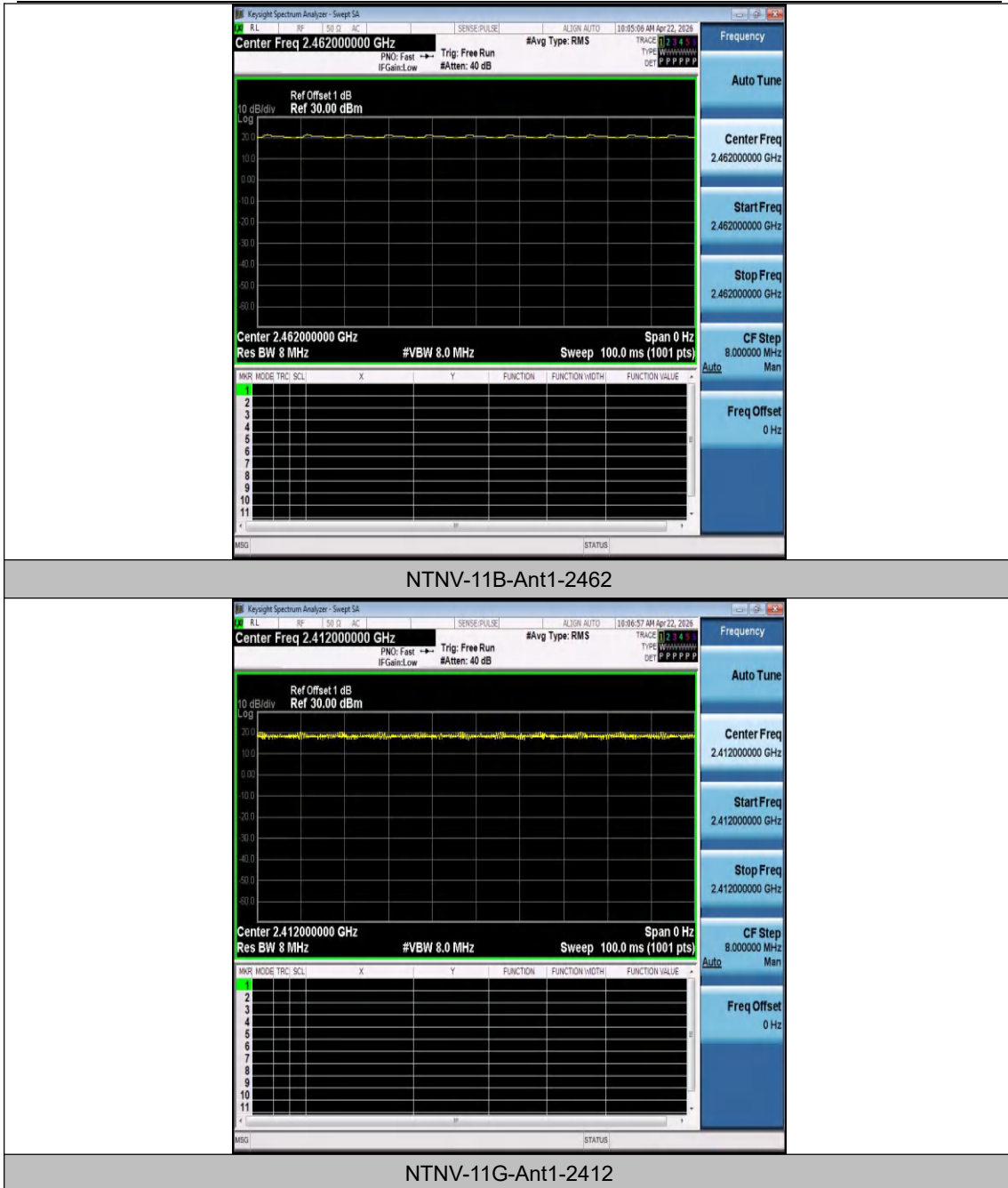
Test Graphs



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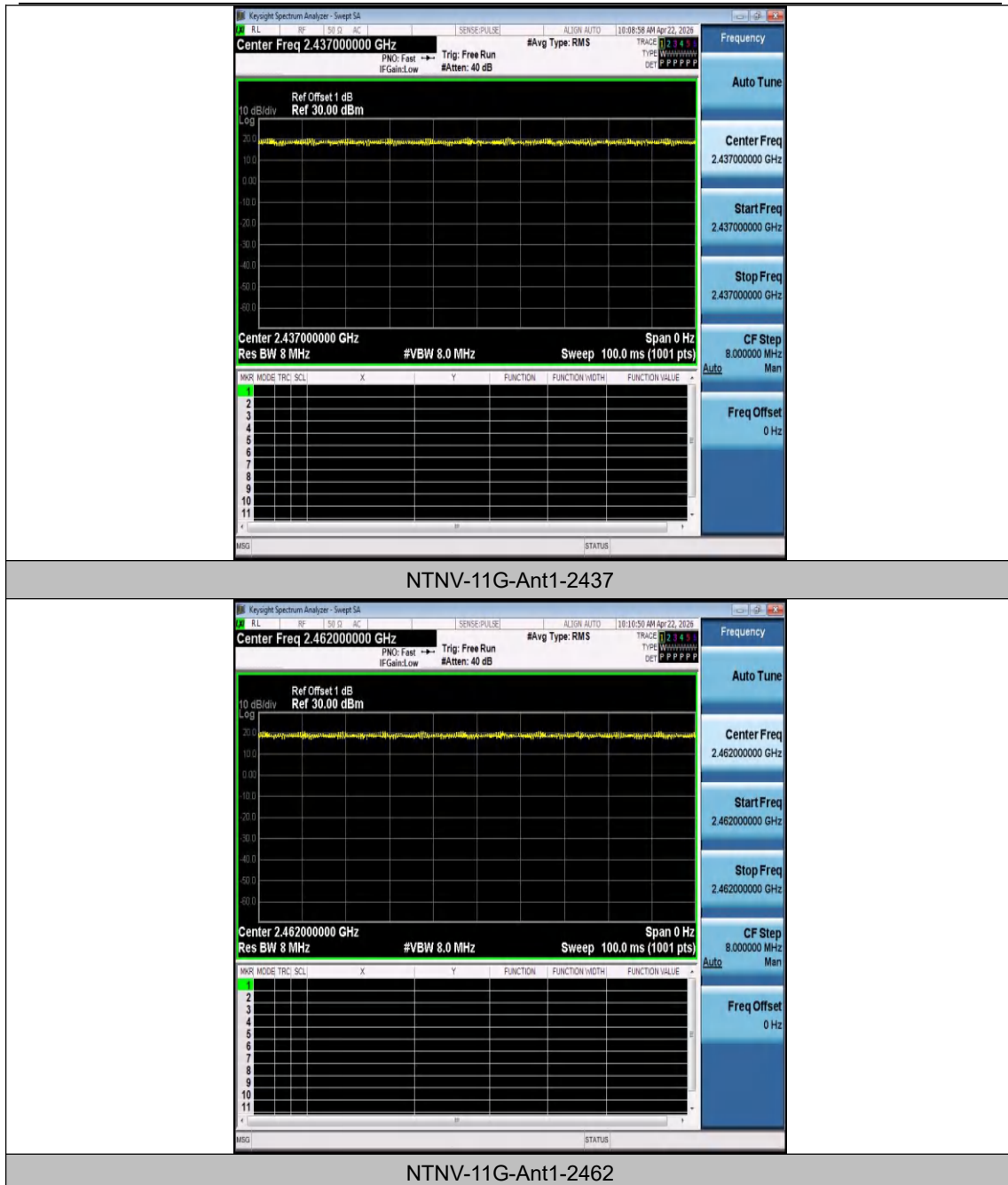
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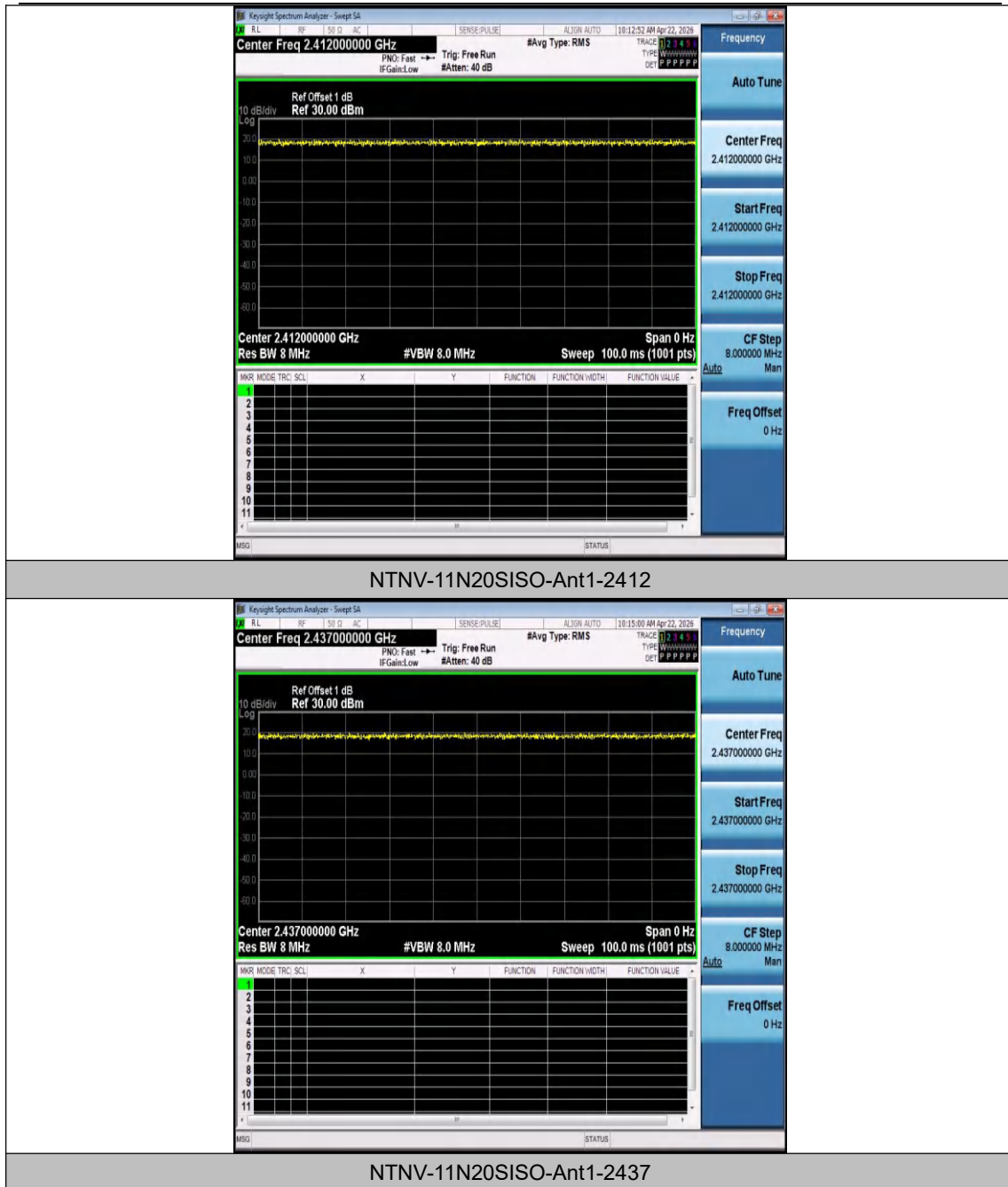
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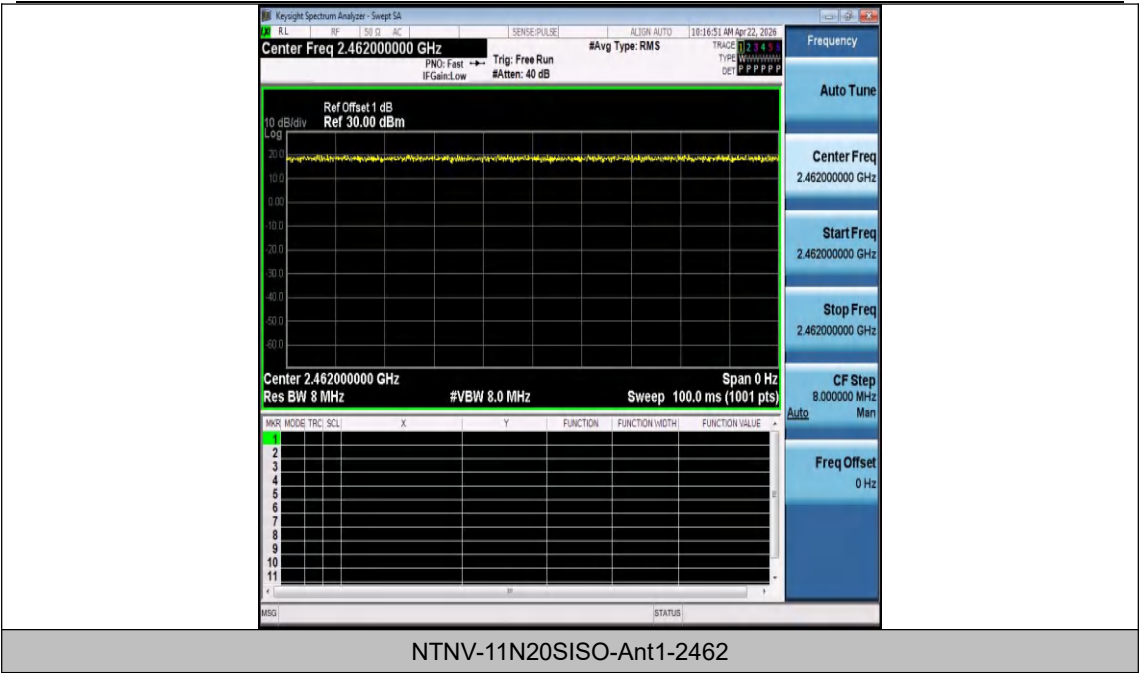
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---End---