

Appendix Test Data

Report No.:	1812C60403612502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-8-13	Finish Test Date:	2026-8-14
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	25.2°C	Relative Humidity:	54%
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	2407.400	2416.640	0.5	PASS
11B	Ant1	2437	9.240	2432.400	2441.640	0.5	PASS
11B	Ant1	2462	9.280	2457.360	2466.640	0.5	PASS
11G	Ant1	2412	16.360	2403.920	2420.280	0.5	PASS
11G	Ant1	2437	16.400	2428.840	2445.240	0.5	PASS
11G	Ant1	2462	16.400	2453.880	2470.280	0.5	PASS
11N20SISO	Ant1	2412	17.600	2403.200	2420.800	0.5	PASS
11N20SISO	Ant1	2437	17.640	2428.200	2445.840	0.5	PASS
11N20SISO	Ant1	2462	17.640	2453.200	2470.840	0.5	PASS

Test Graphs

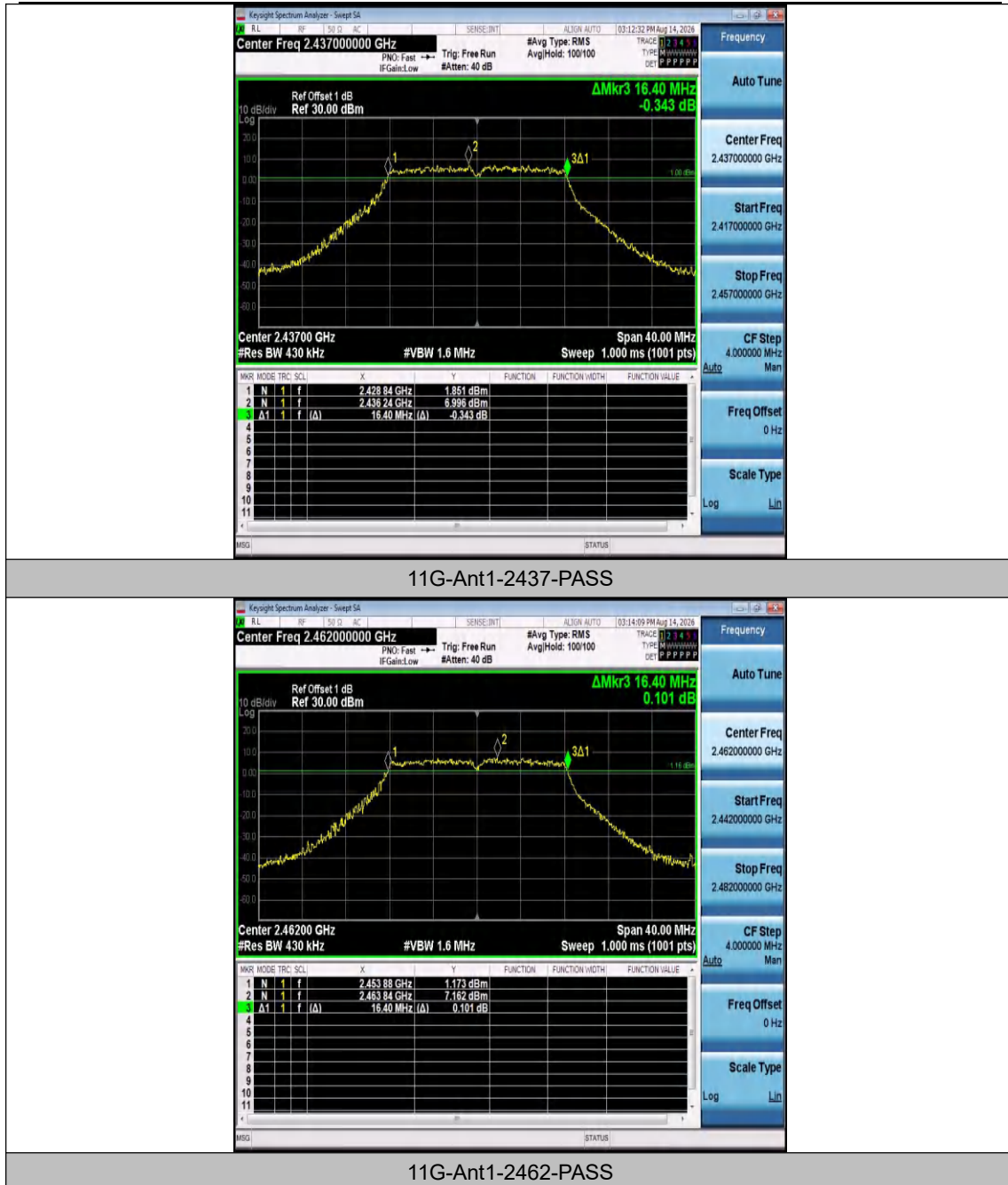


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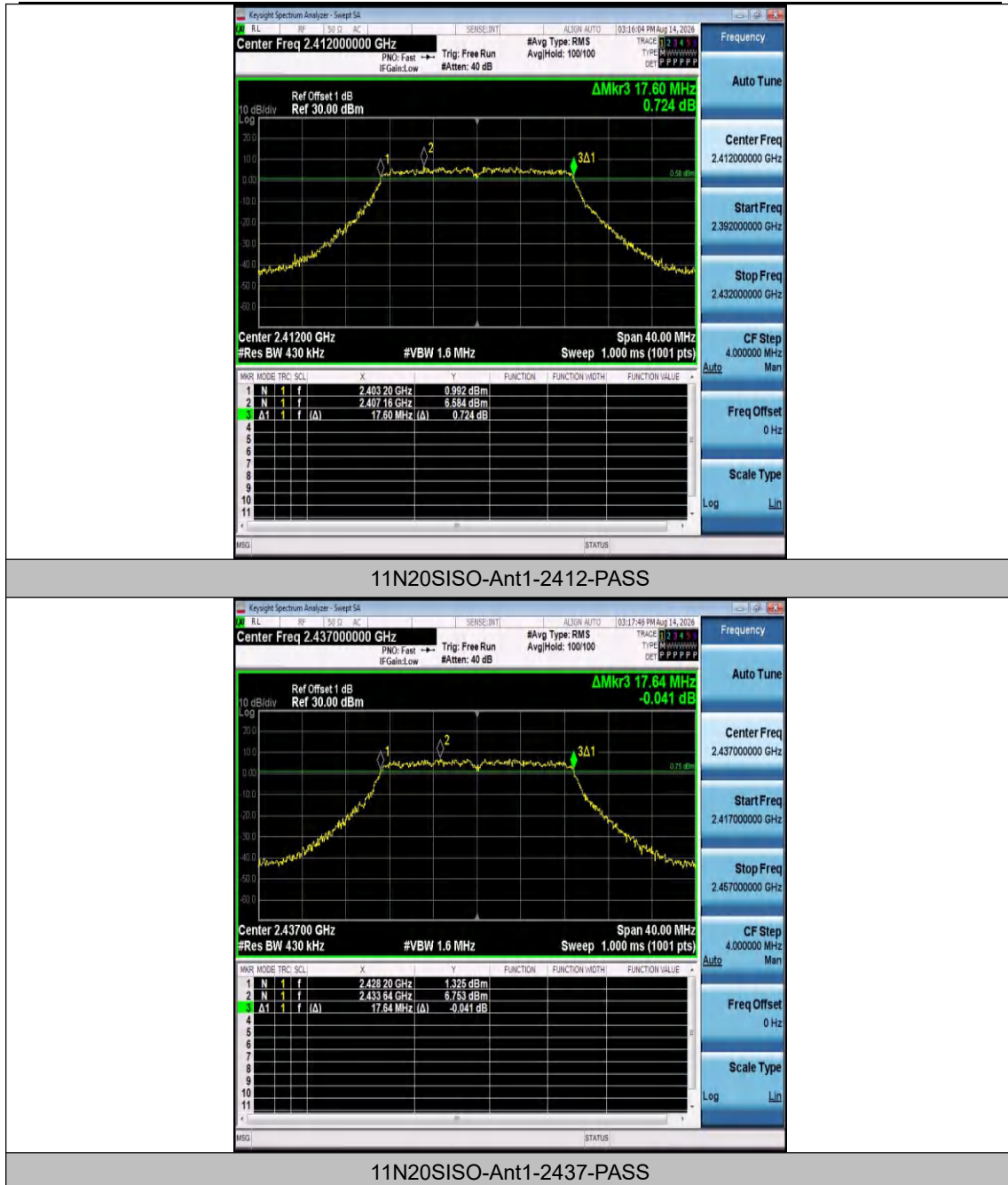


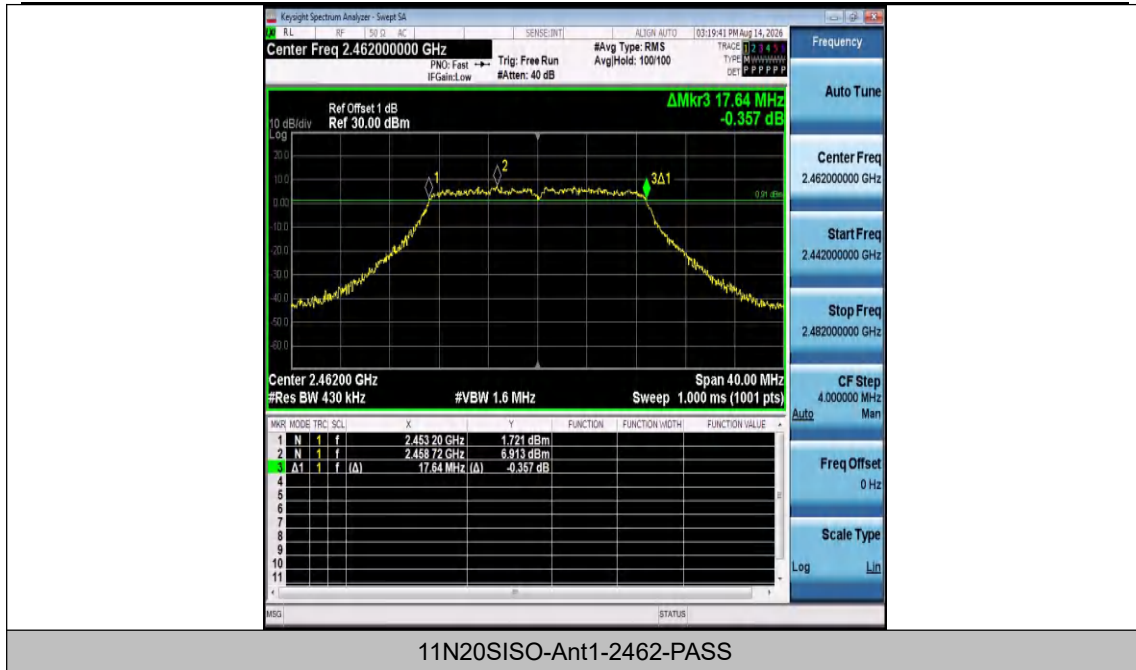


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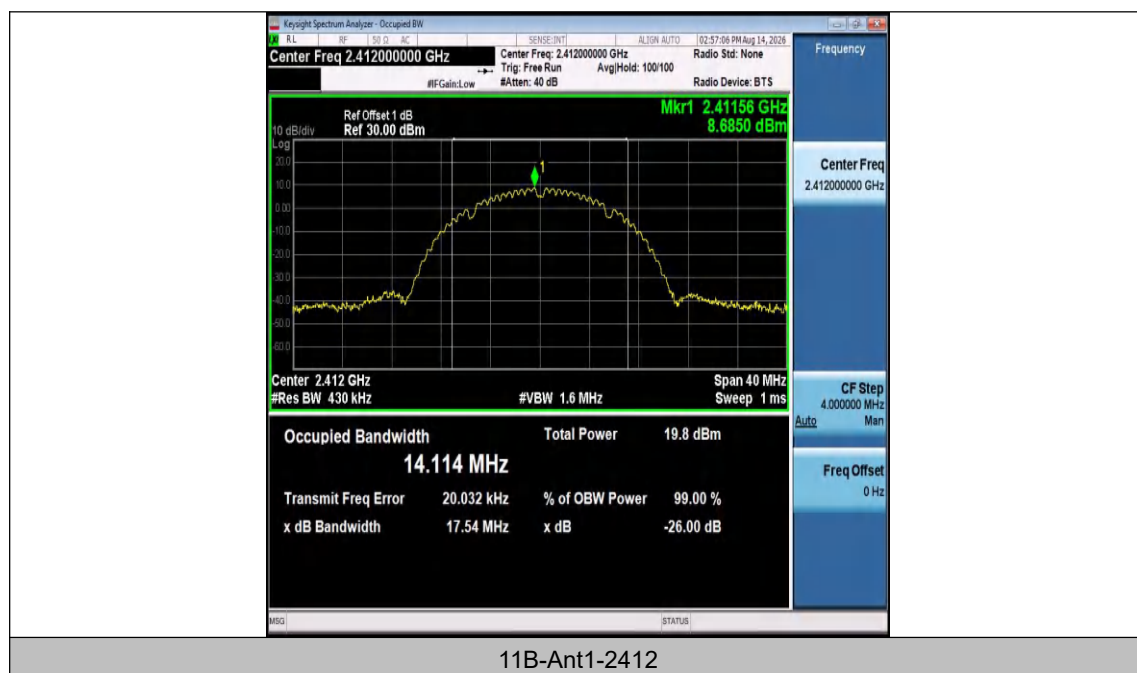
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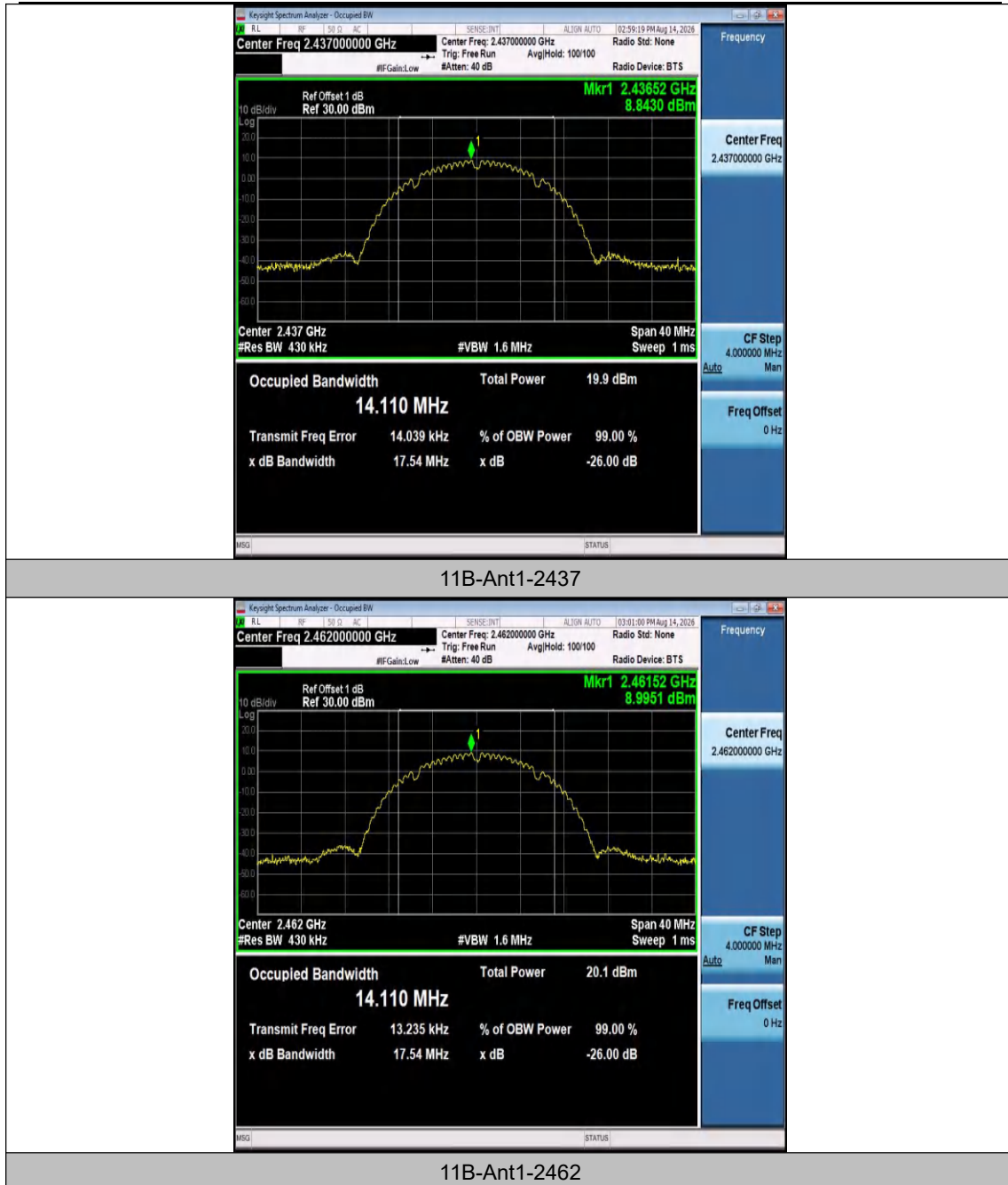
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.114	2404.9630	2419.0770	---	---
11B	Ant1	2437	14.110	2429.9590	2444.0690	---	---
11B	Ant1	2462	14.110	2454.9582	2469.0682	---	---
11G	Ant1	2412	17.151	2403.3704	2420.5214	---	---
11G	Ant1	2437	17.116	2428.3791	2445.4951	---	---
11G	Ant1	2462	17.106	2453.3973	2470.5033	---	---
11N20SISO	Ant1	2412	18.137	2402.9654	2421.1024	---	---
11N20SISO	Ant1	2437	18.166	2427.9341	2446.1001	---	---
11N20SISO	Ant1	2462	18.167	2452.9460	2471.1130	---	---

Test Graphs





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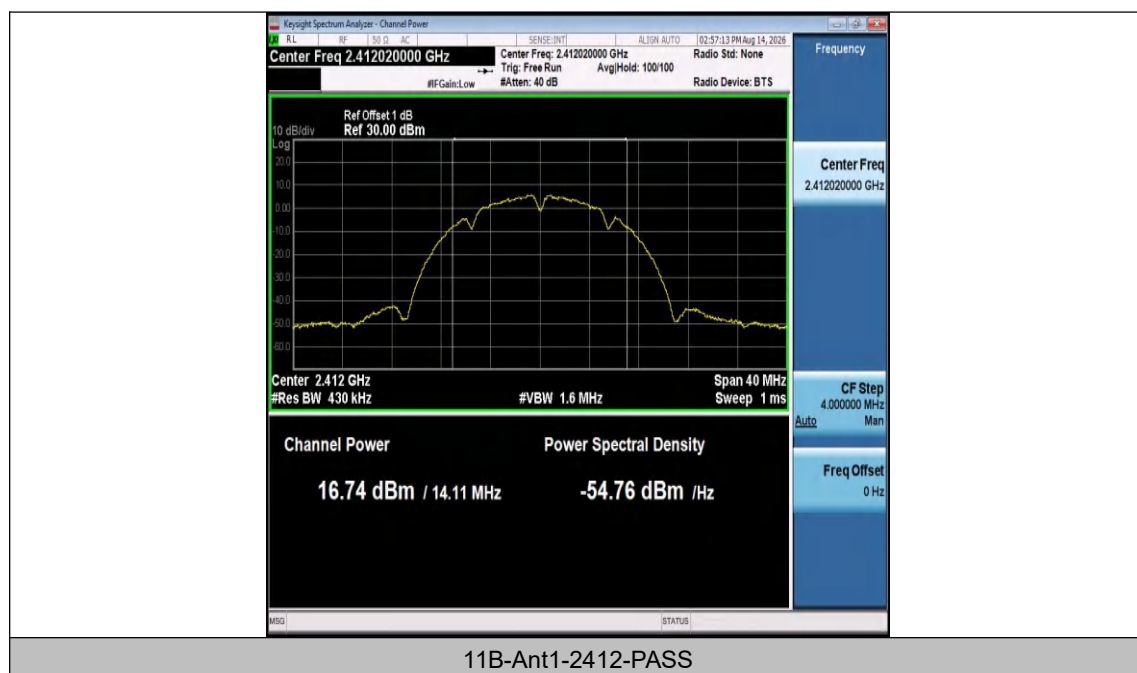
Appendix C: Maximum conducted output power

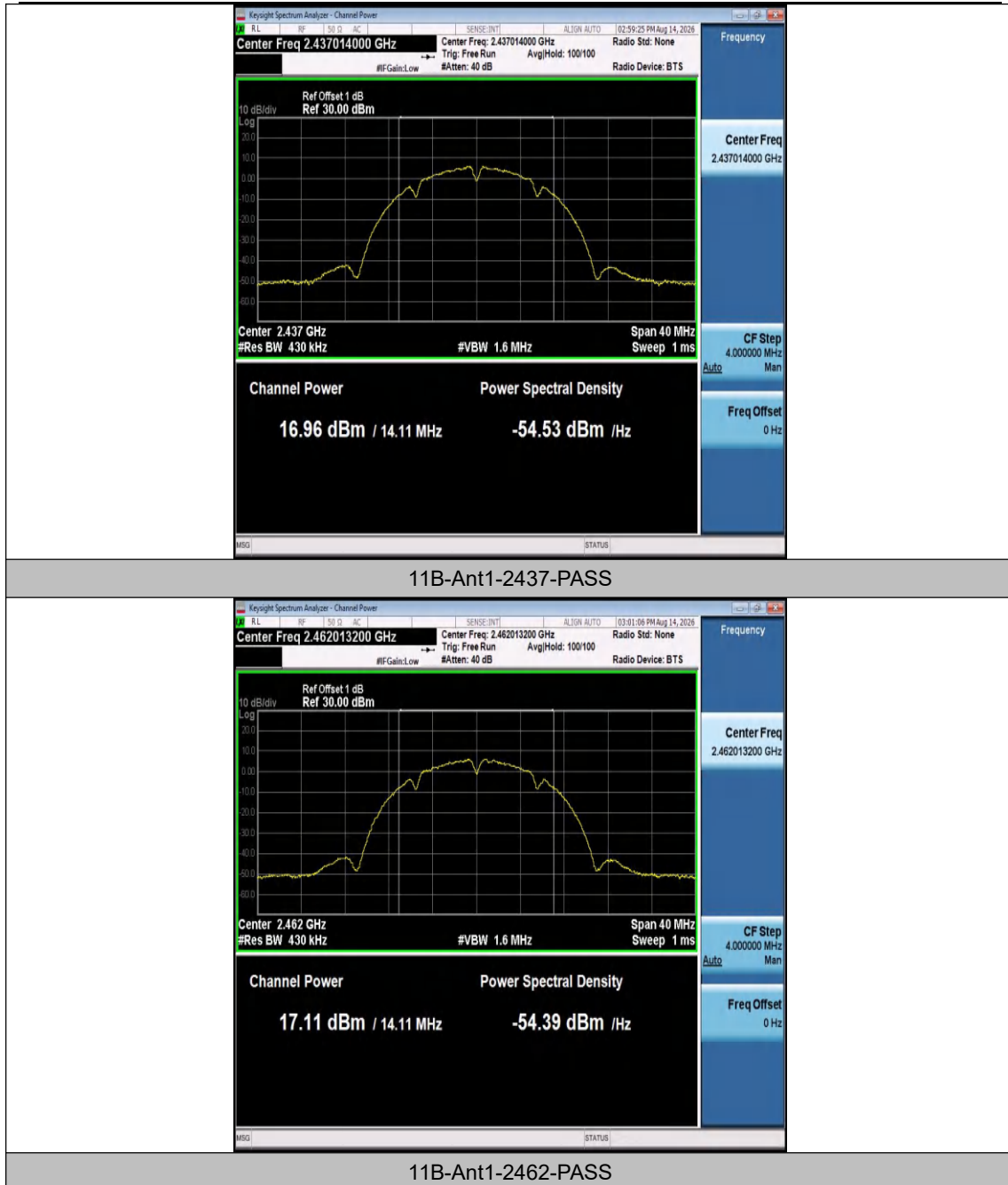
Test Result Average

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	16.74	≤30.00	PASS
11B	Ant1	2437	16.96	≤30.00	PASS
11B	Ant1	2462	17.11	≤30.00	PASS
11G	Ant1	2412	14.29	≤30.00	PASS
11G	Ant1	2437	14.54	≤30.00	PASS
11G	Ant1	2462	14.68	≤30.00	PASS
11N20SISO	Ant1	2412	14.12	≤30.00	PASS
11N20SISO	Ant1	2437	14.41	≤30.00	PASS
11N20SISO	Ant1	2462	14.60	≤30.00	PASS

Note: The cable loss are compensated in the graph.

Test Graphs Average

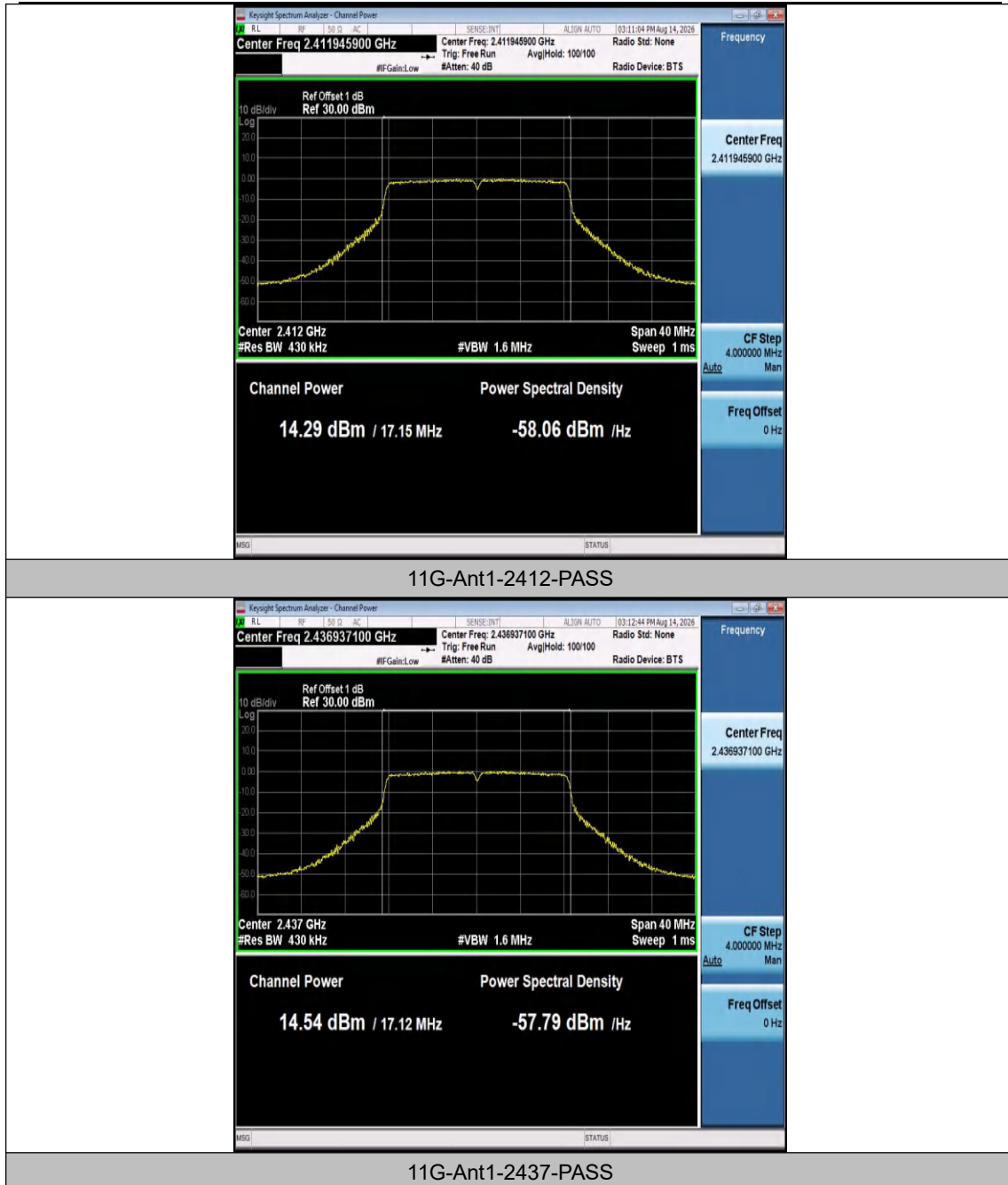




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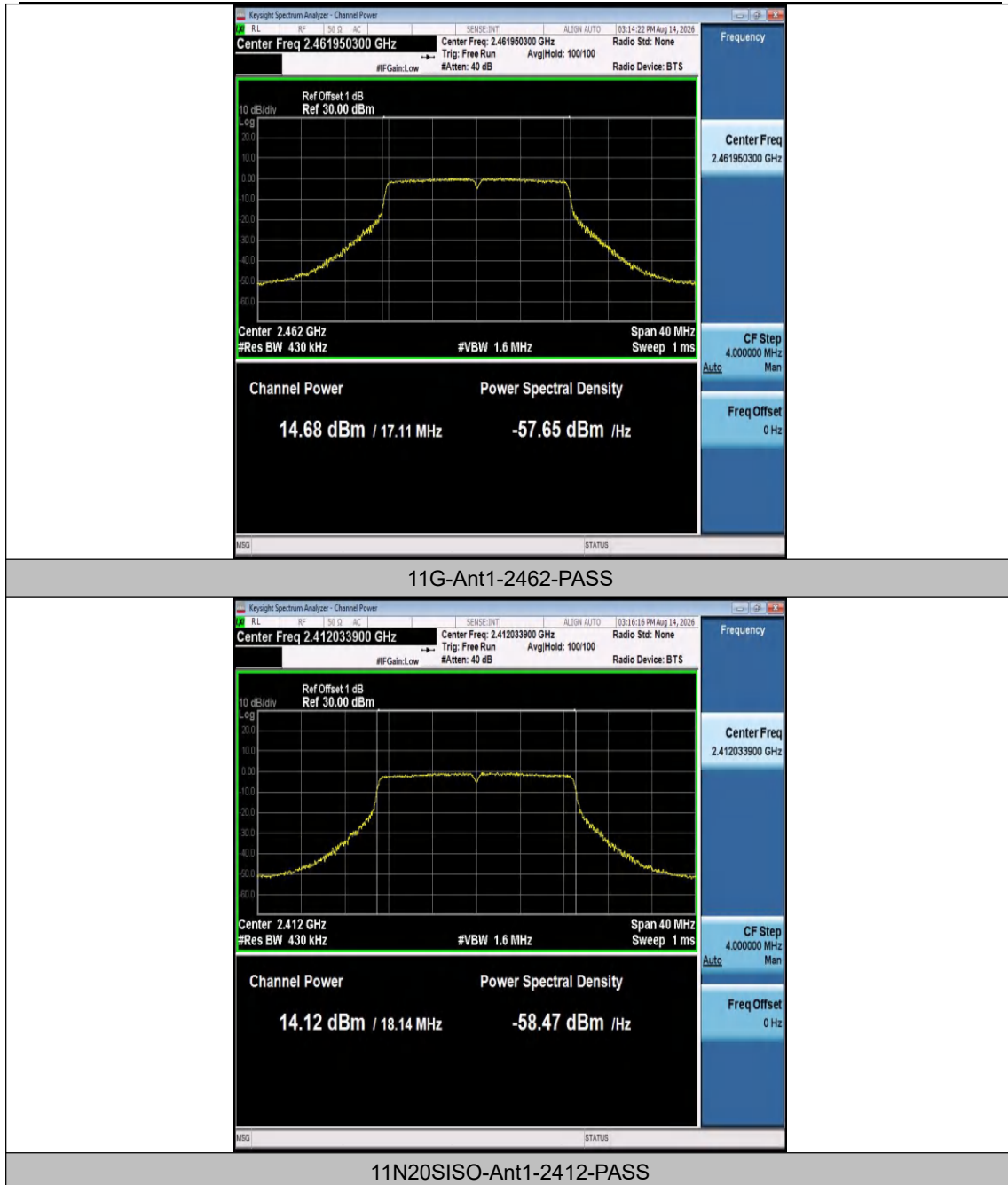
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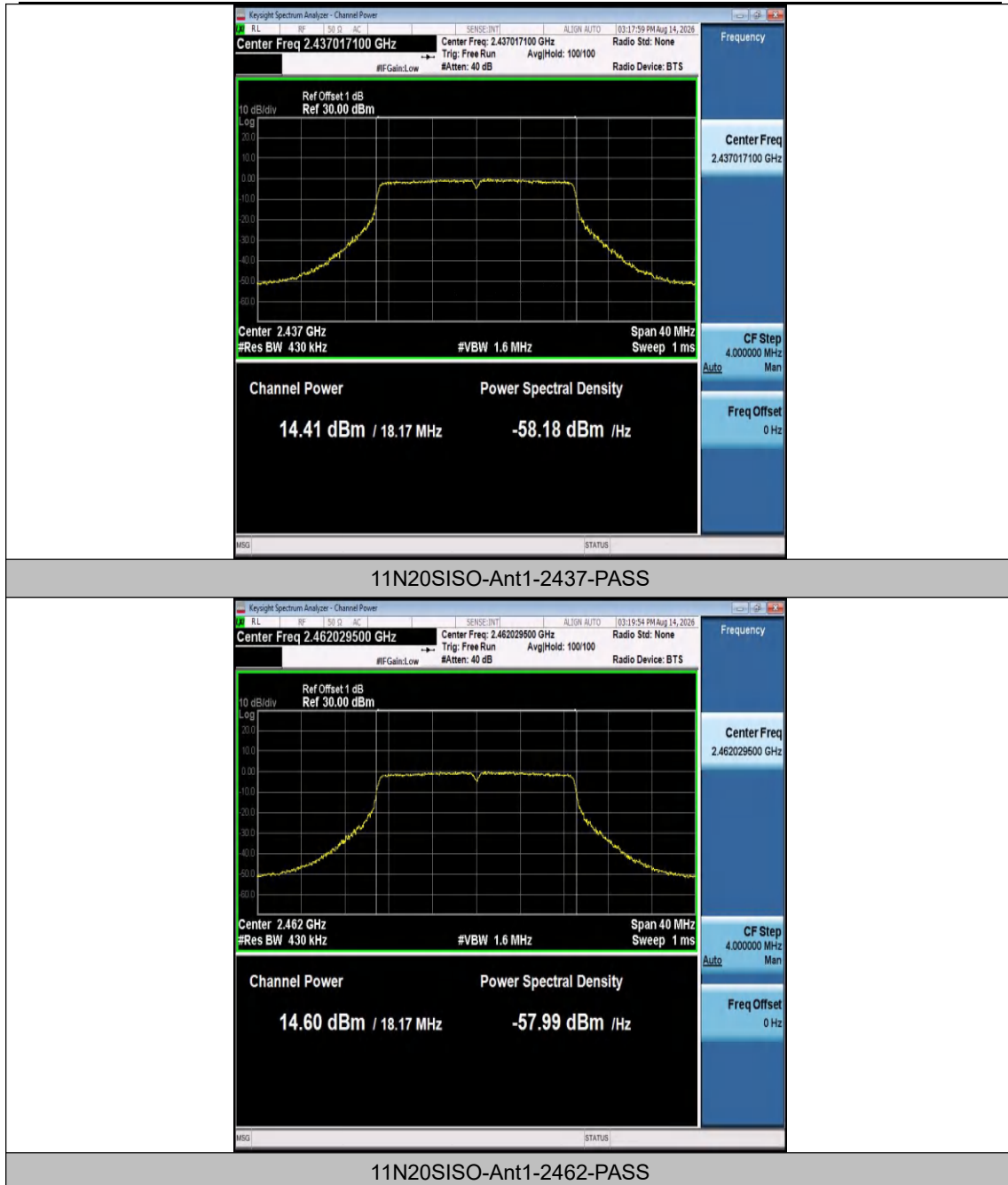
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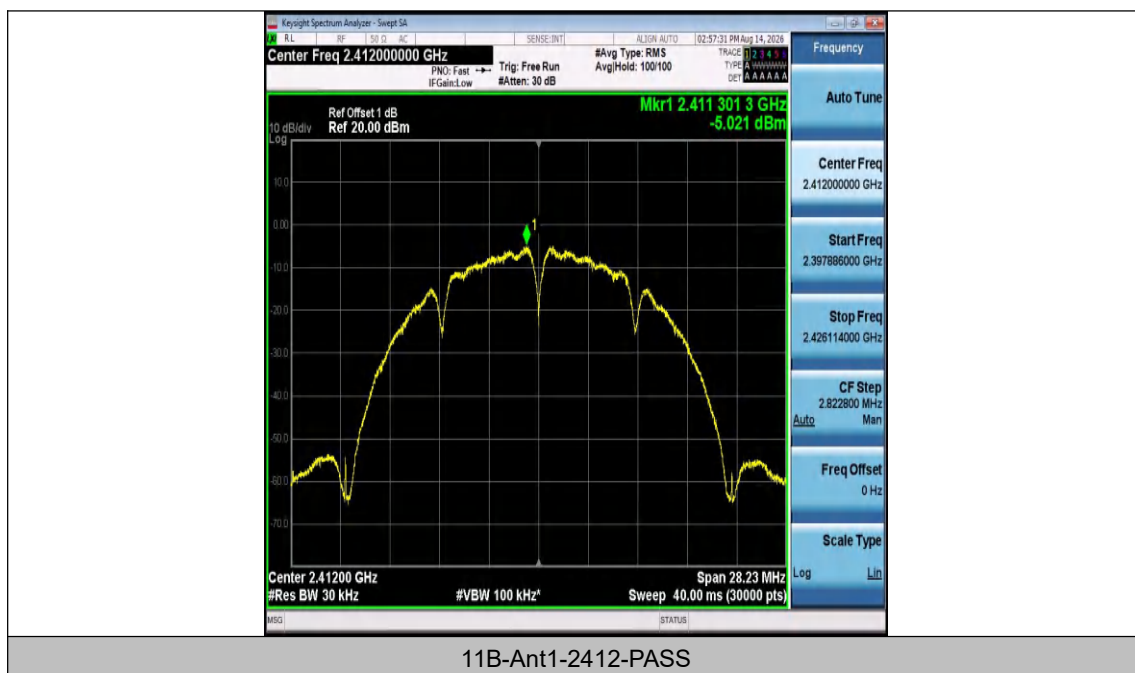
Appendix D: Maximum power spectral density

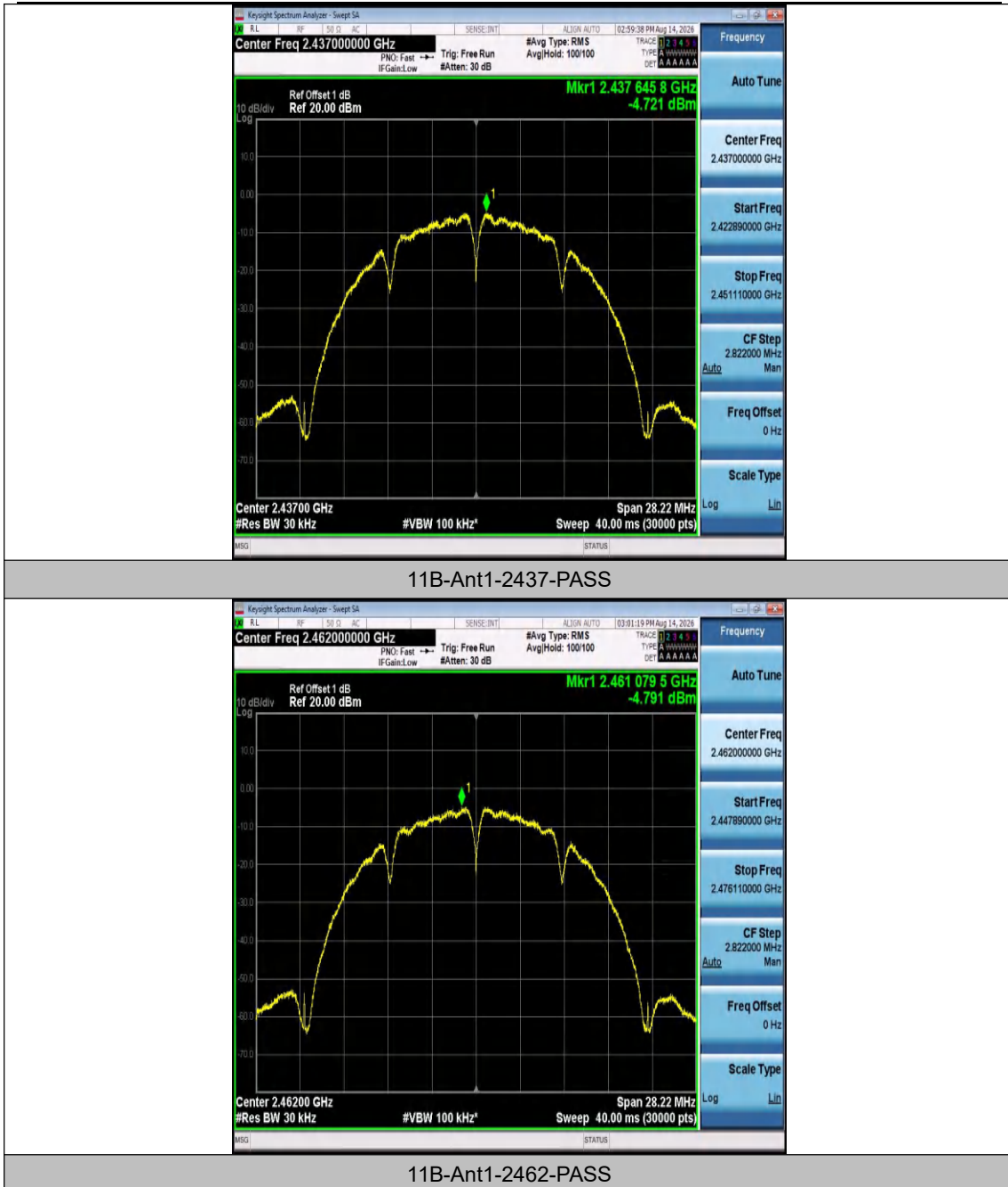
Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/30kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-5.02	≤8.00	PASS
11B	Ant1	2437	-4.72	≤8.00	PASS
11B	Ant1	2462	-4.79	≤8.00	PASS
11G	Ant1	2412	-9.70	≤8.00	PASS
11G	Ant1	2437	-9.57	≤8.00	PASS
11G	Ant1	2462	-9.86	≤8.00	PASS
11N20SISO	Ant1	2412	-10.18	≤8.00	PASS
11N20SISO	Ant1	2437	-9.78	≤8.00	PASS
11N20SISO	Ant1	2462	-9.85	≤8.00	PASS

Note: The cable loss are compensated in the graph.

Test Graphs

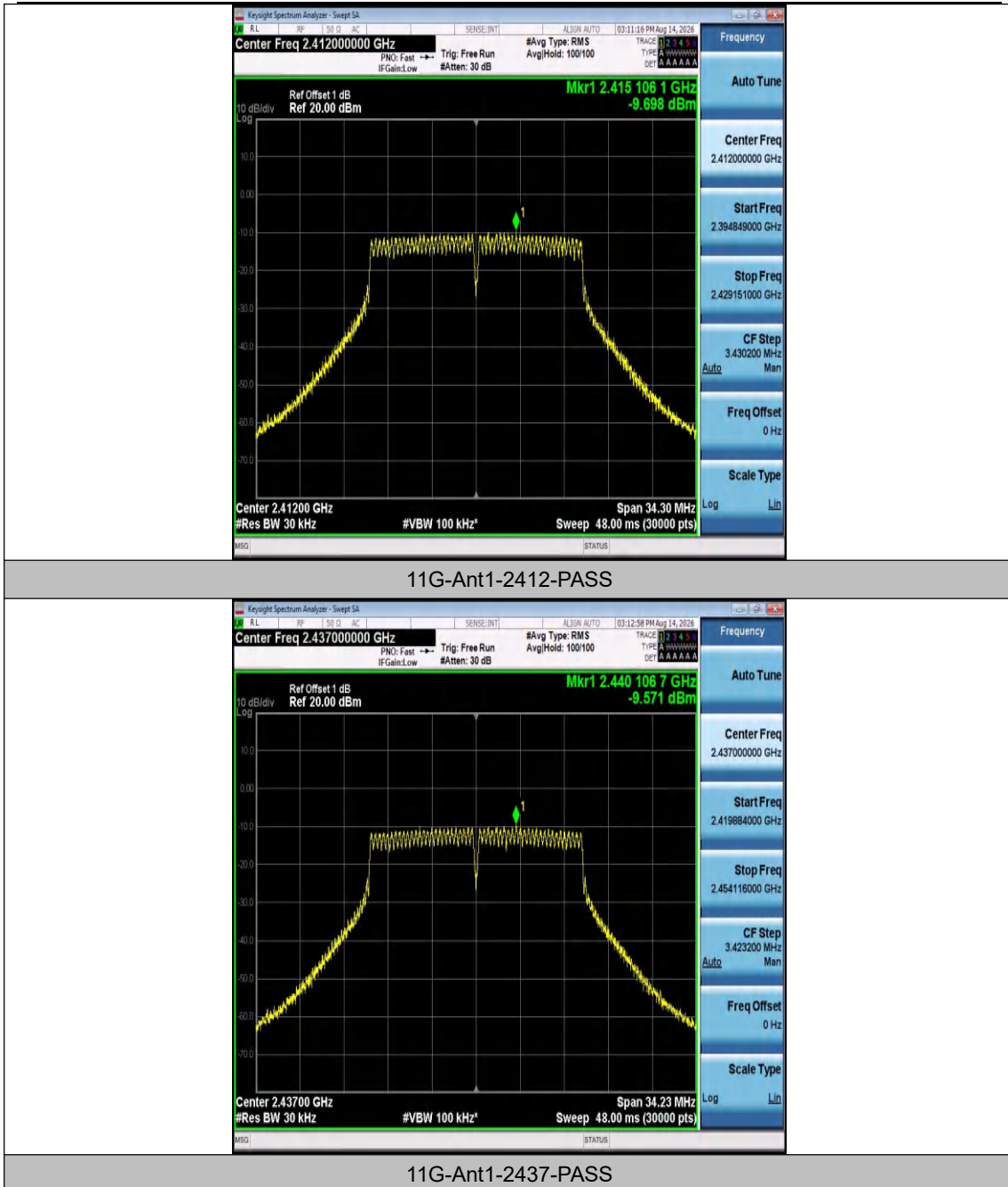




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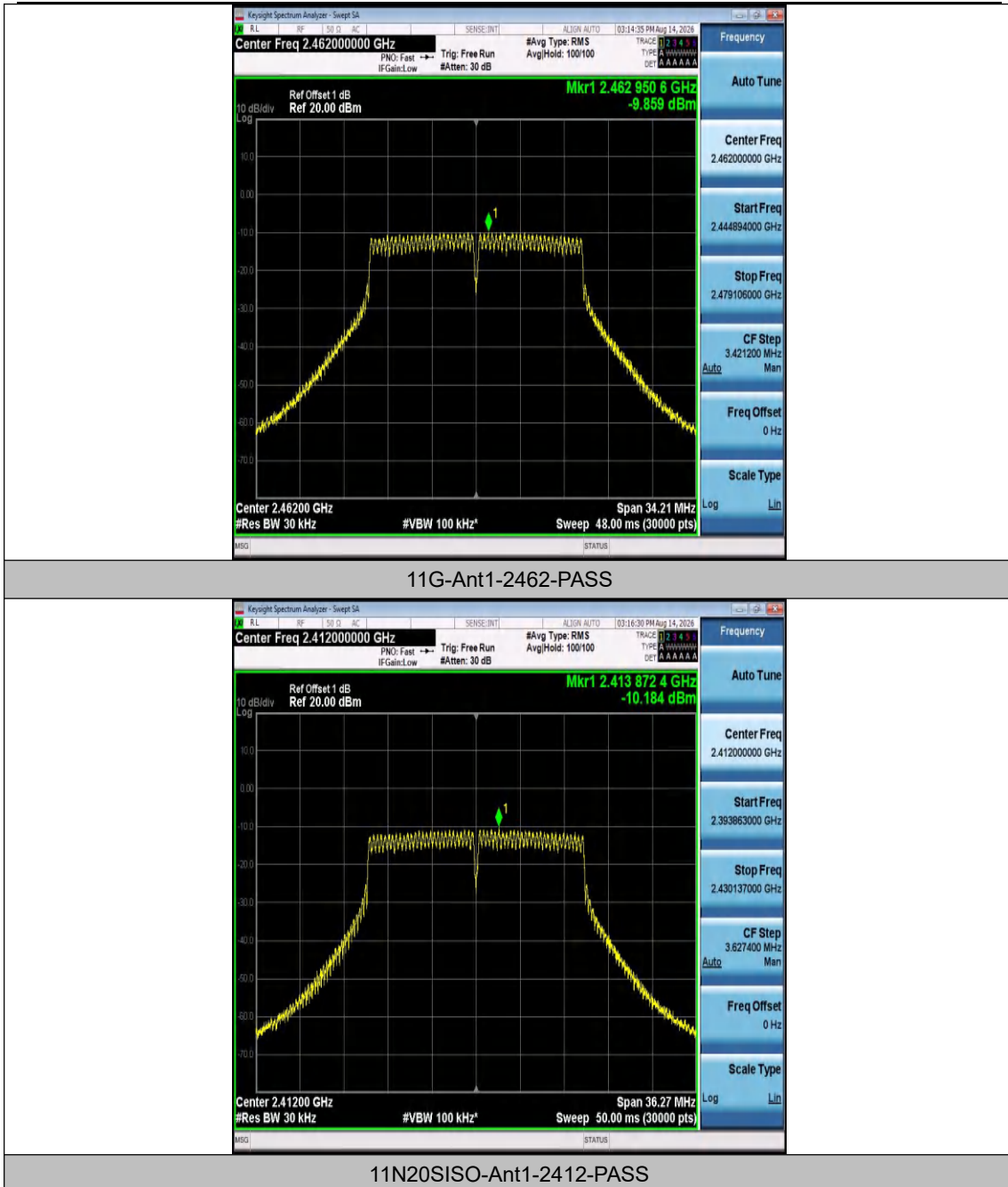
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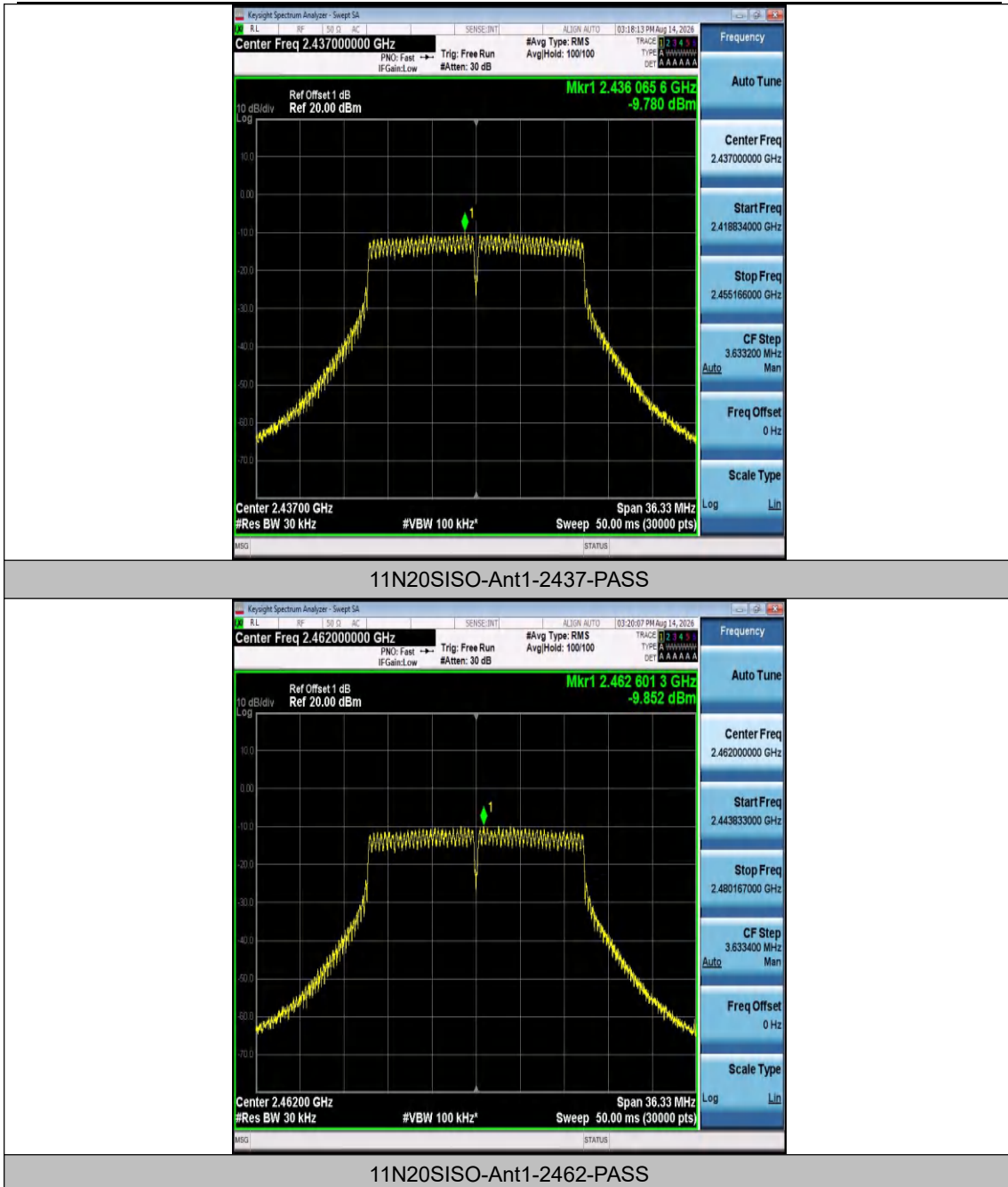
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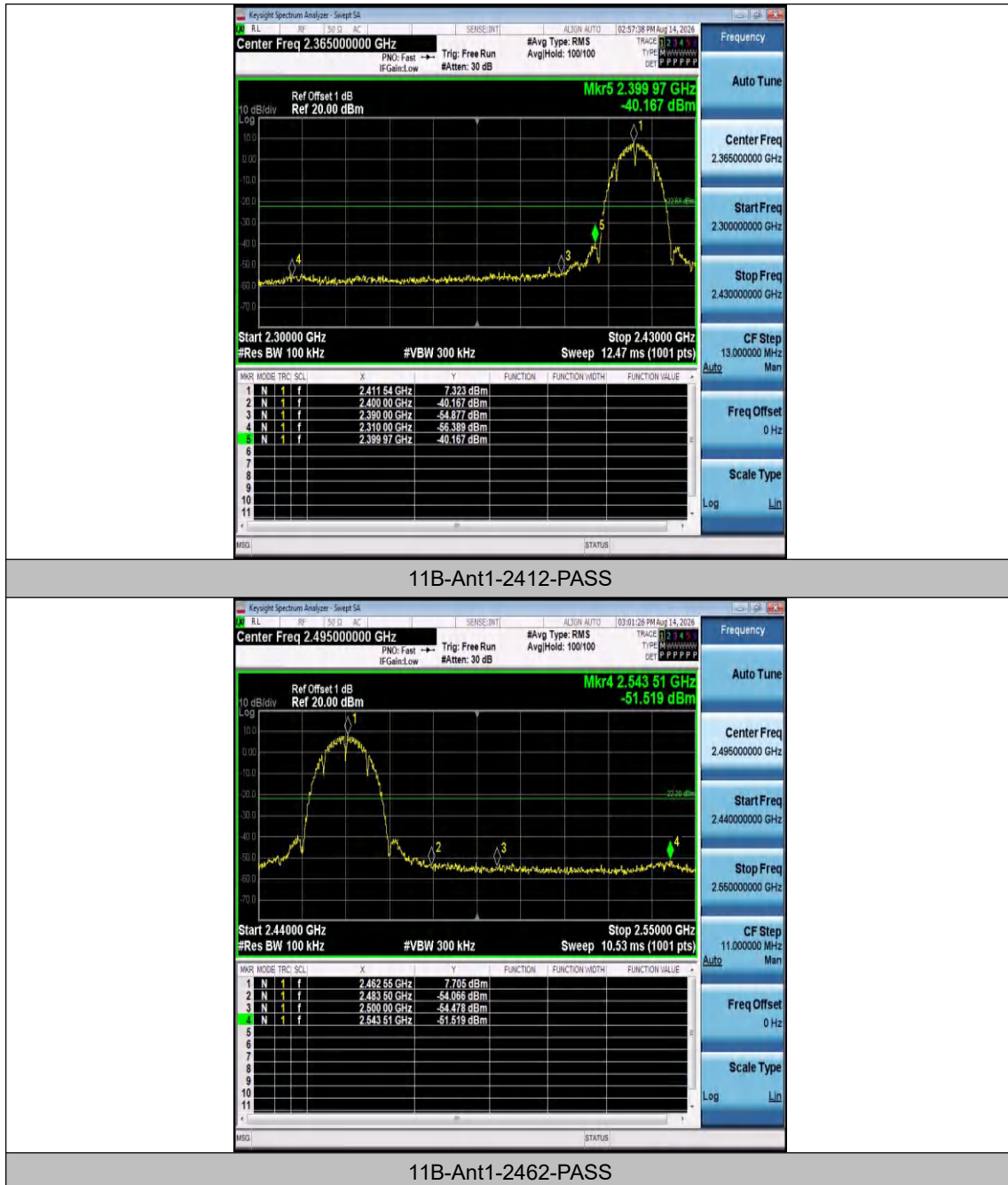
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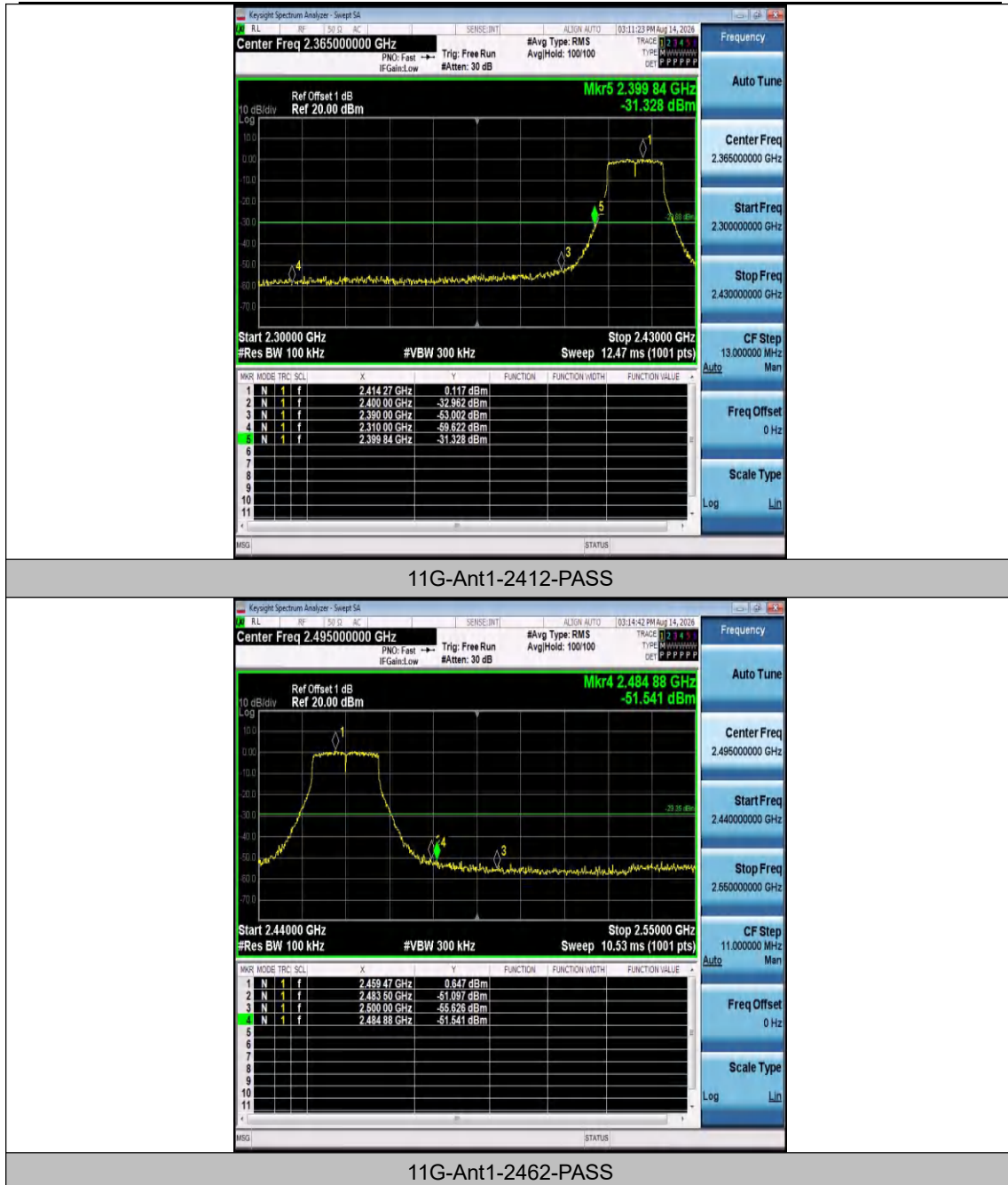
Appendix E: Conducted Band edge

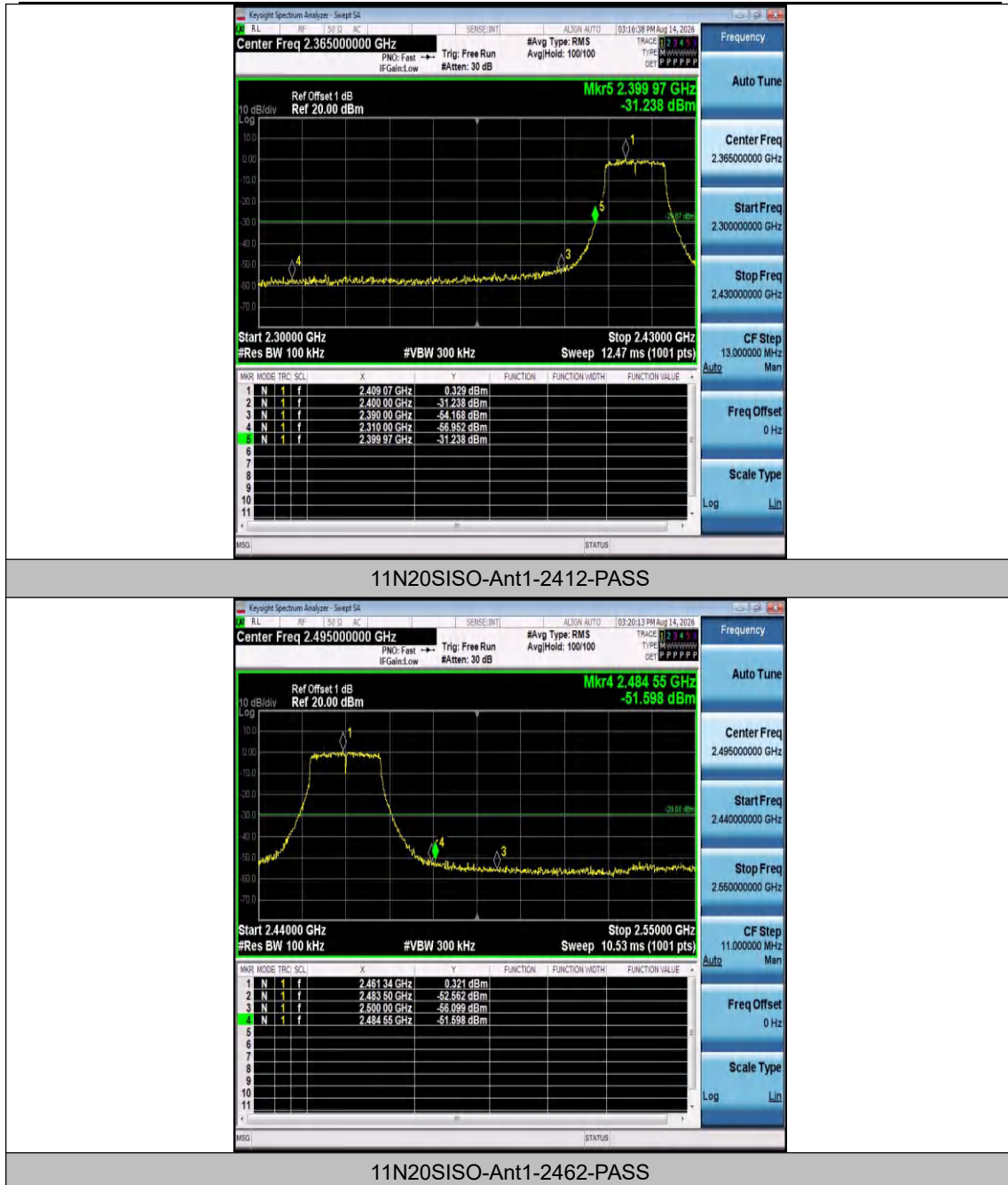
Test Result

Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.32	-40.17	≤-22.68	PASS
11B	Ant1	High	2462	7.71	-51.52	≤-22.3	PASS
11G	Ant1	Low	2412	0.12	-31.33	≤-29.88	PASS
11G	Ant1	High	2462	0.65	-51.54	≤-29.35	PASS
11N20SISO	Ant1	Low	2412	0.33	-31.24	≤-29.67	PASS
11N20SISO	Ant1	High	2462	0.32	-51.6	≤-29.68	PASS

Test Graphs







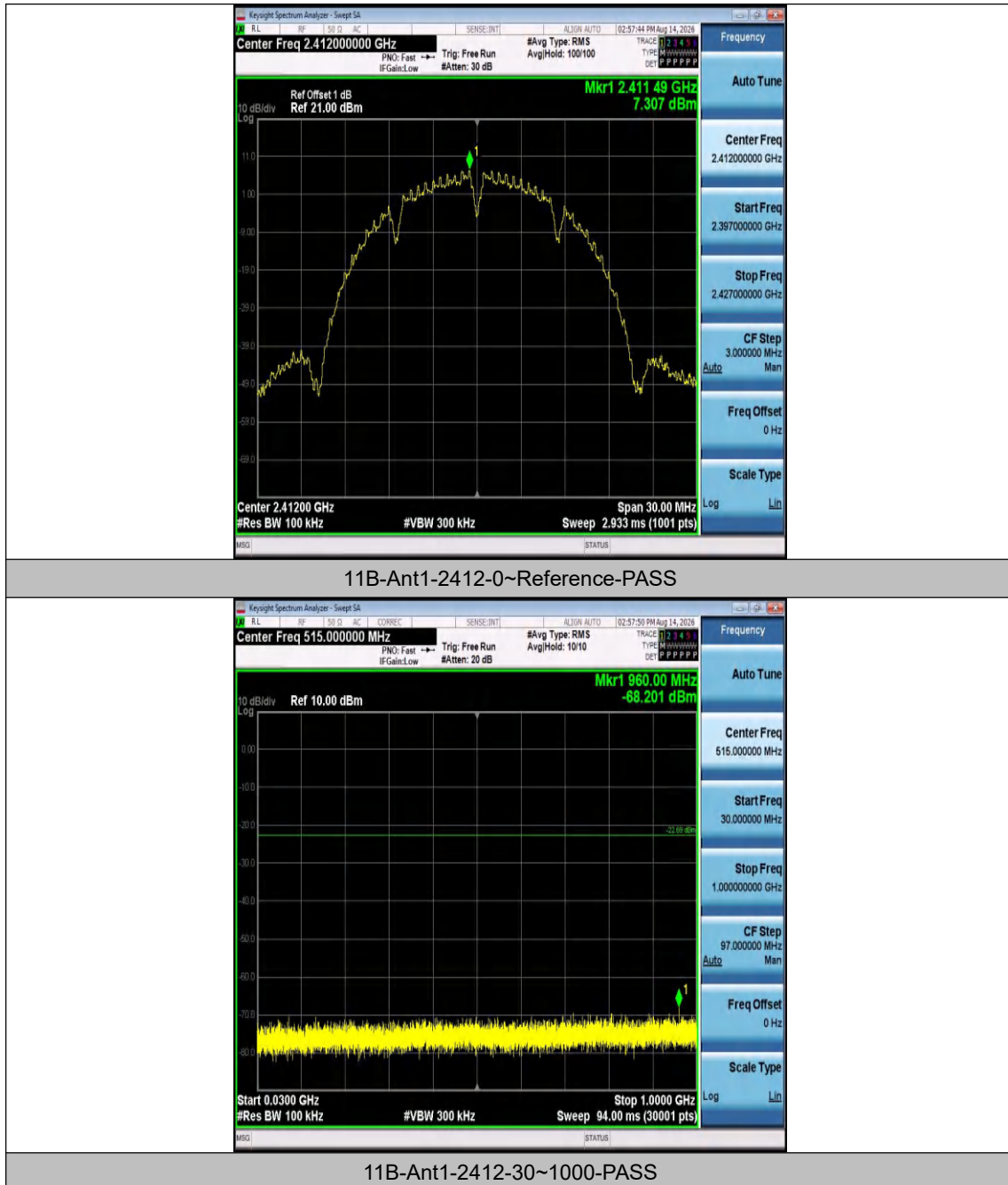
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	7.31	7.31	---	PASS
11B	Ant1	2412	30~1000	7.31	-68.2	≤-22.69	PASS
11B	Ant1	2412	1000~26500	7.31	-39.77	≤-22.69	PASS
11B	Ant1	2437	0~Reference	7.57	7.57	---	PASS
11B	Ant1	2437	30~1000	7.57	-69.17	≤-22.43	PASS
11B	Ant1	2437	1000~26500	7.57	-40.38	≤-22.43	PASS
11B	Ant1	2462	0~Reference	7.70	7.70	---	PASS
11B	Ant1	2462	30~1000	7.70	-69.15	≤-22.3	PASS
11B	Ant1	2462	1000~26500	7.70	-40.5	≤-22.3	PASS
11G	Ant1	2412	0~Reference	-0.03	-0.03	---	PASS
11G	Ant1	2412	30~1000	-0.03	-67.11	≤-30.03	PASS
11G	Ant1	2412	1000~26500	-0.03	-40.68	≤-30.03	PASS
11G	Ant1	2437	0~Reference	0.43	0.43	---	PASS
11G	Ant1	2437	30~1000	0.43	-68.7	≤-29.57	PASS
11G	Ant1	2437	1000~26500	0.43	-41.16	≤-29.57	PASS
11G	Ant1	2462	0~Reference	0.63	0.63	---	PASS
11G	Ant1	2462	30~1000	0.63	-67.71	≤-29.37	PASS
11G	Ant1	2462	1000~26500	0.63	-41.39	≤-29.37	PASS
11N20SISO	Ant1	2412	0~Reference	-0.11	-0.11	---	PASS
11N20SISO	Ant1	2412	30~1000	-0.11	-67.64	≤-30.11	PASS
11N20SISO	Ant1	2412	1000~26500	-0.11	-40.7	≤-30.11	PASS
11N20SISO	Ant1	2437	0~Reference	0.73	0.73	---	PASS
11N20SISO	Ant1	2437	30~1000	0.73	-68.94	≤-29.27	PASS
11N20SISO	Ant1	2437	1000~26500	0.73	-40.64	≤-29.27	PASS
11N20SISO	Ant1	2462	0~Reference	0.38	0.38	---	PASS
11N20SISO	Ant1	2462	30~1000	0.38	-67.53	≤-29.62	PASS
11N20SISO	Ant1	2462	1000~26500	0.38	-41.46	≤-29.62	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.

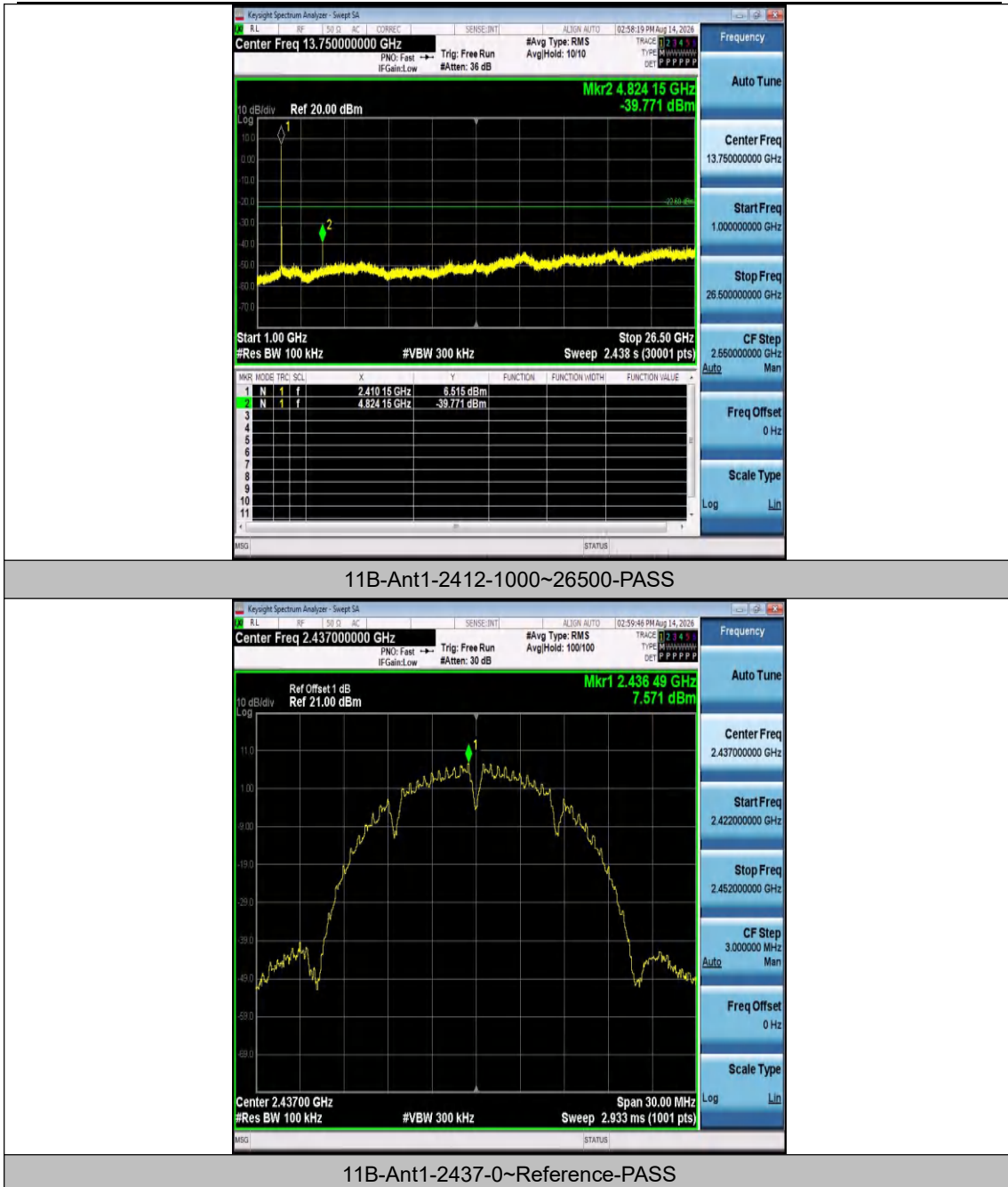
Test Graphs



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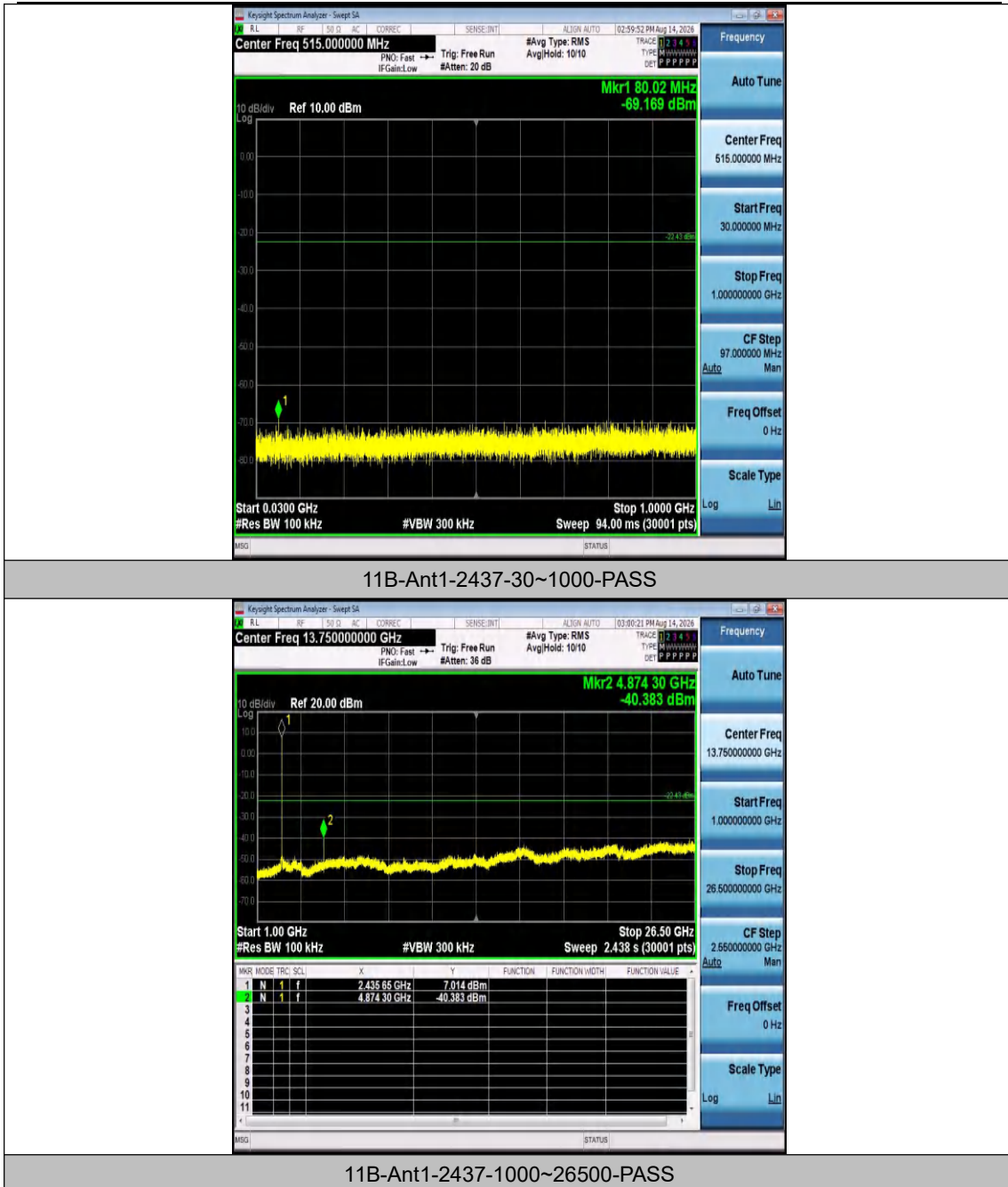
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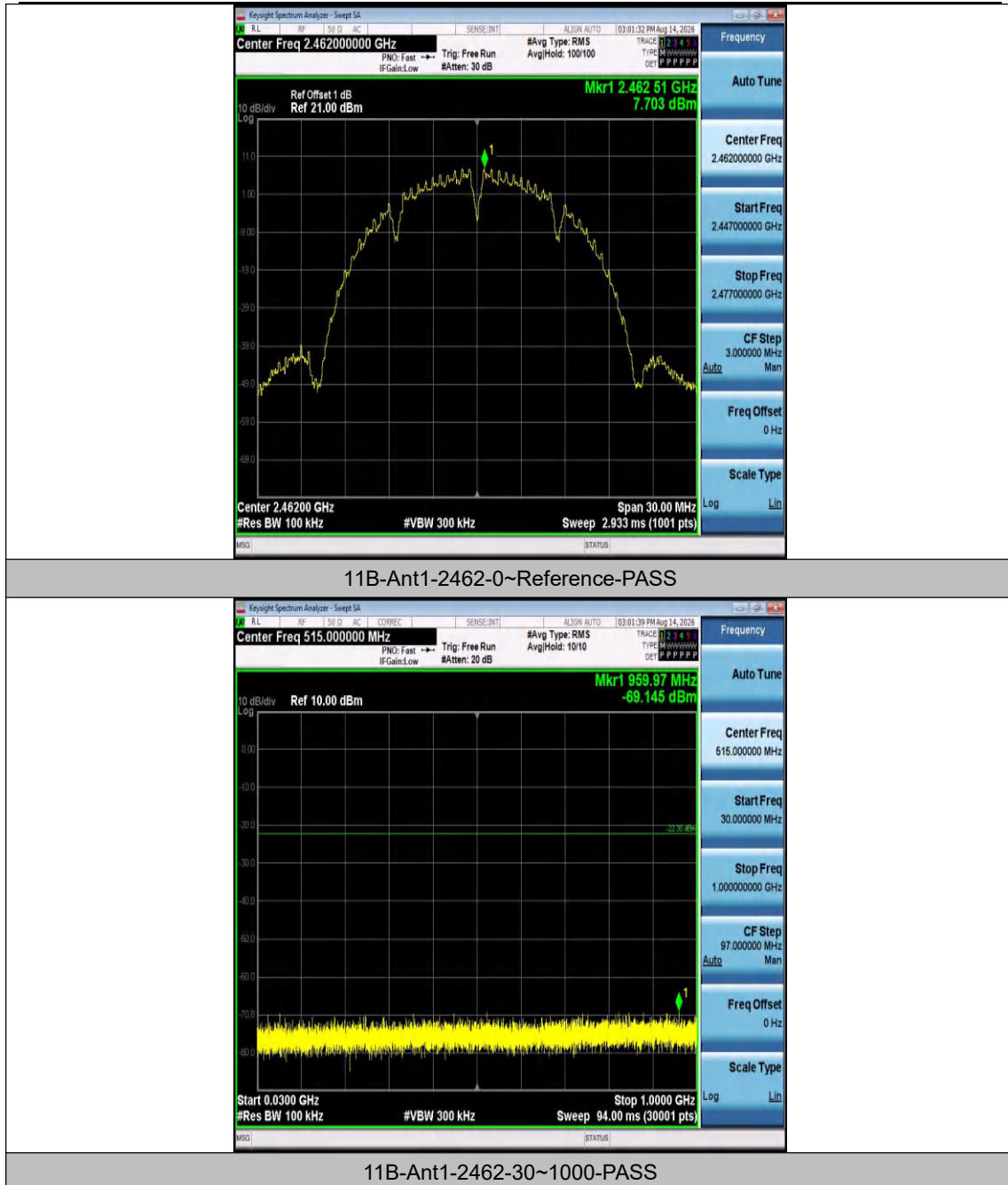
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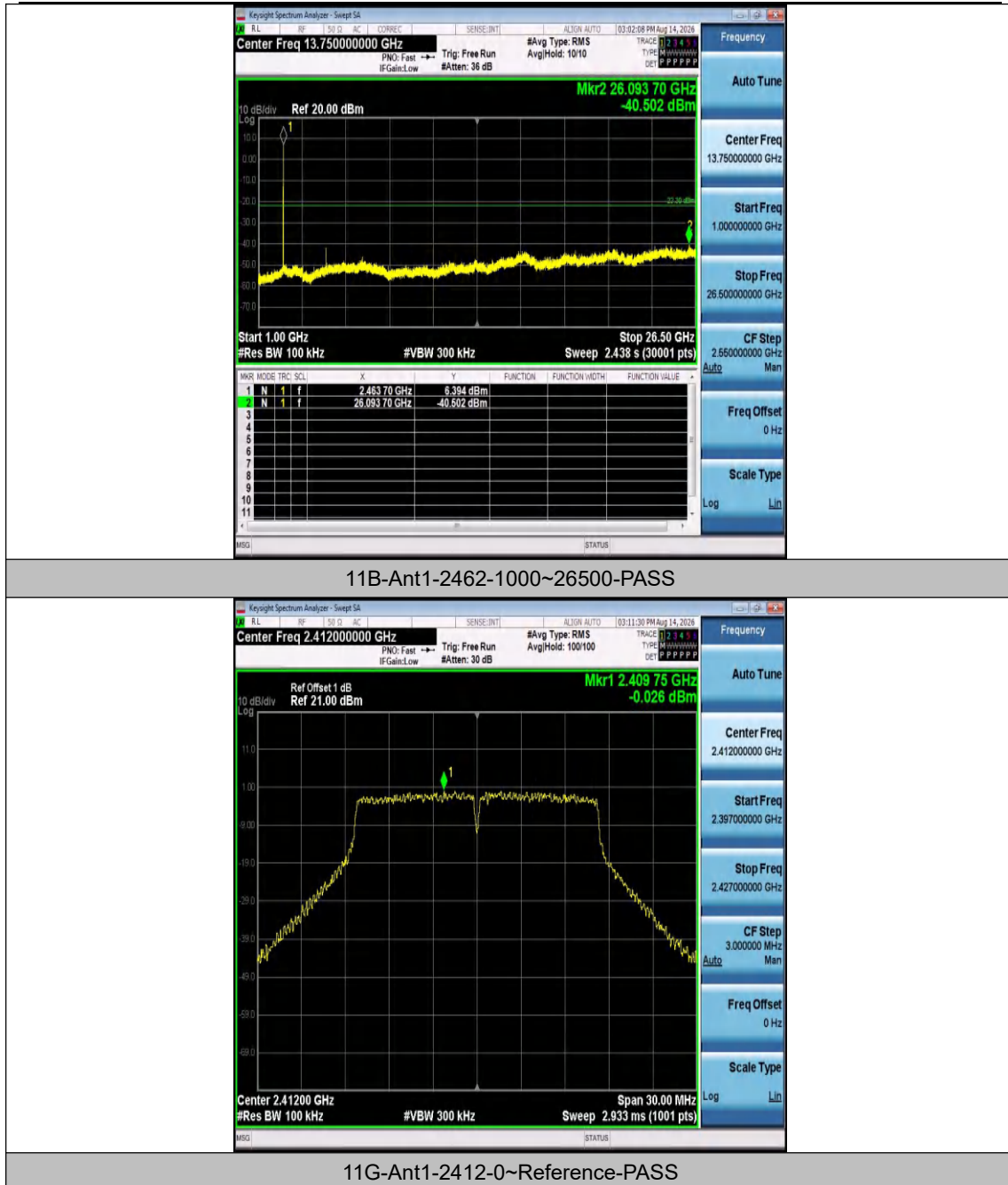
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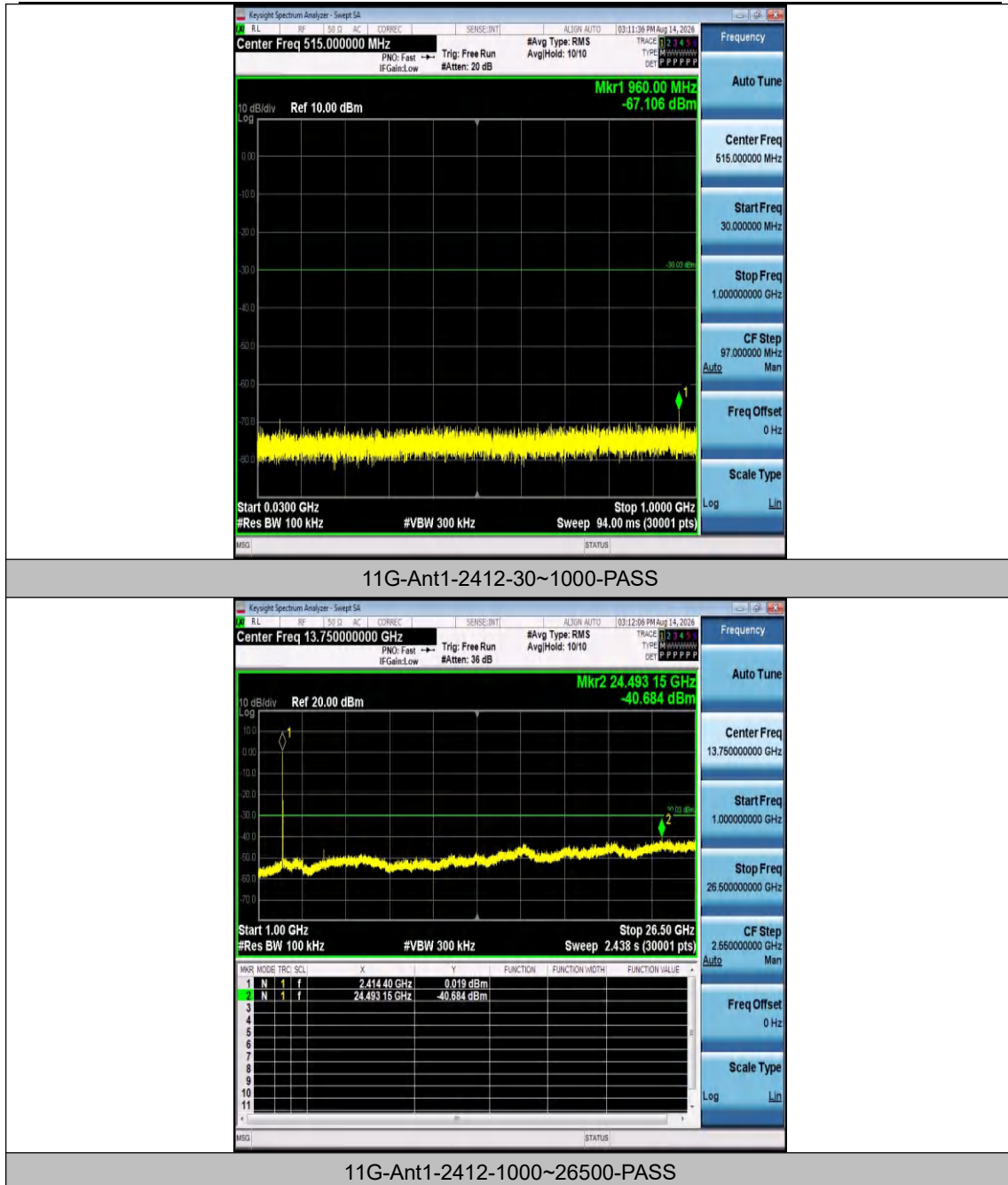
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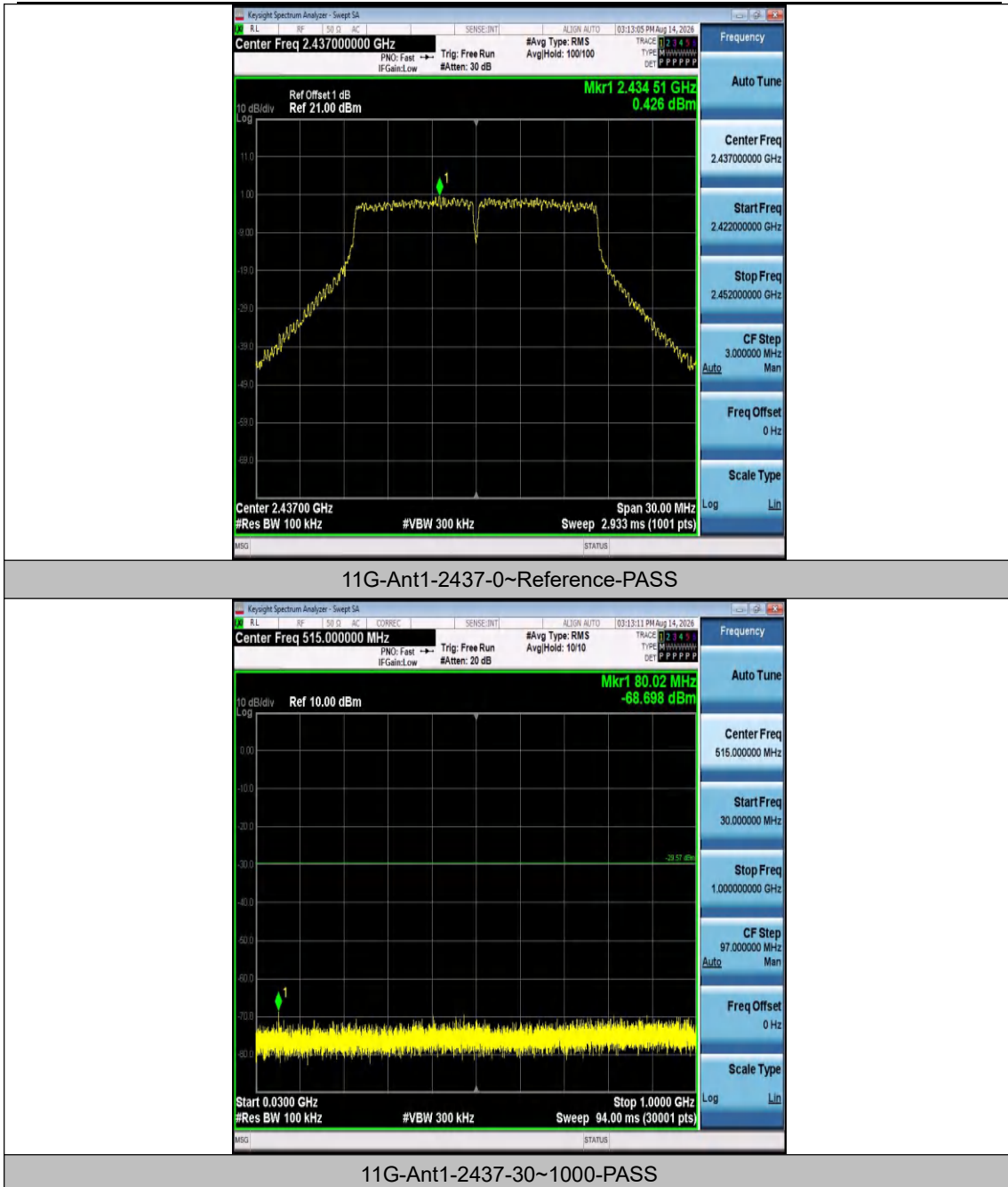
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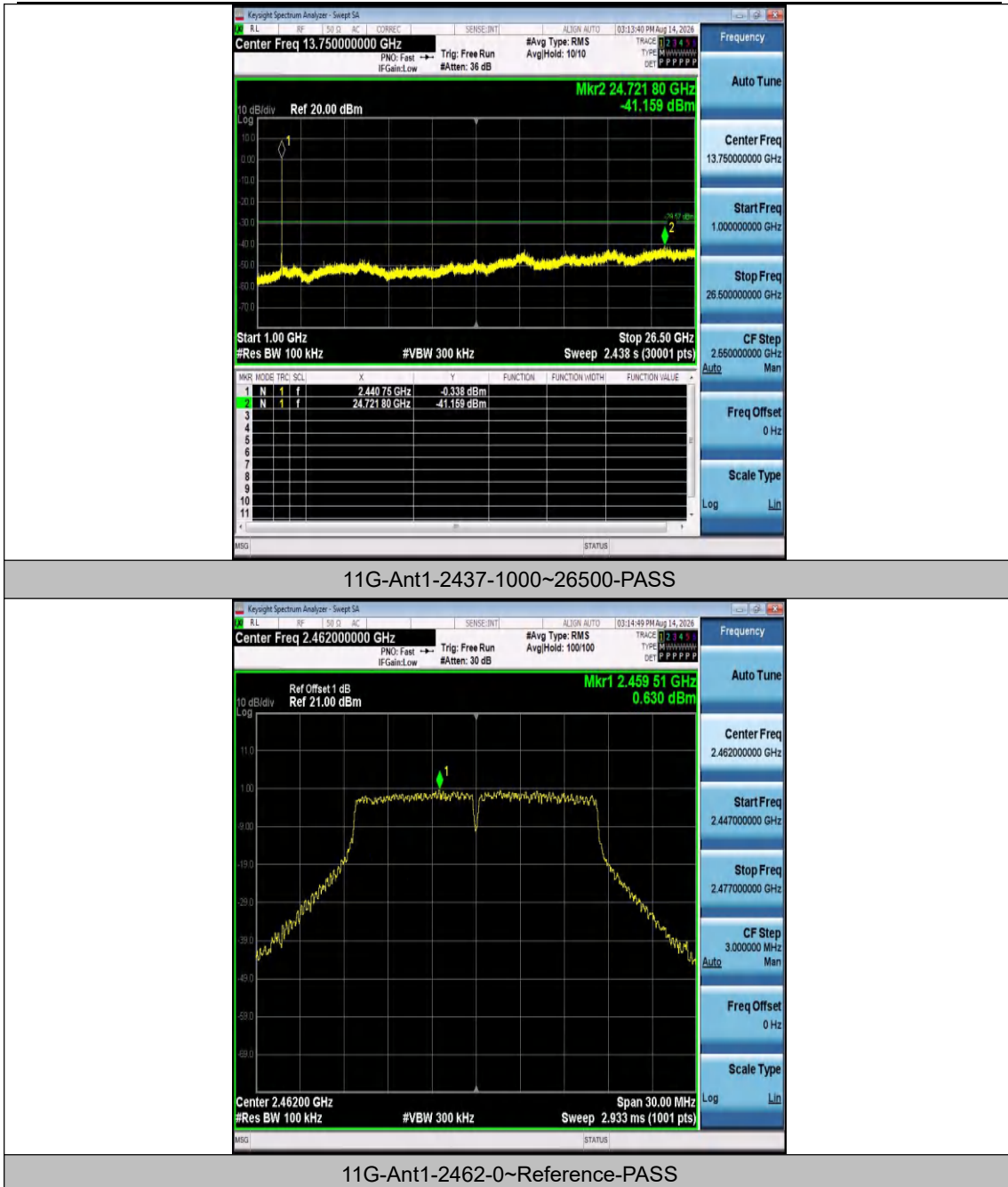
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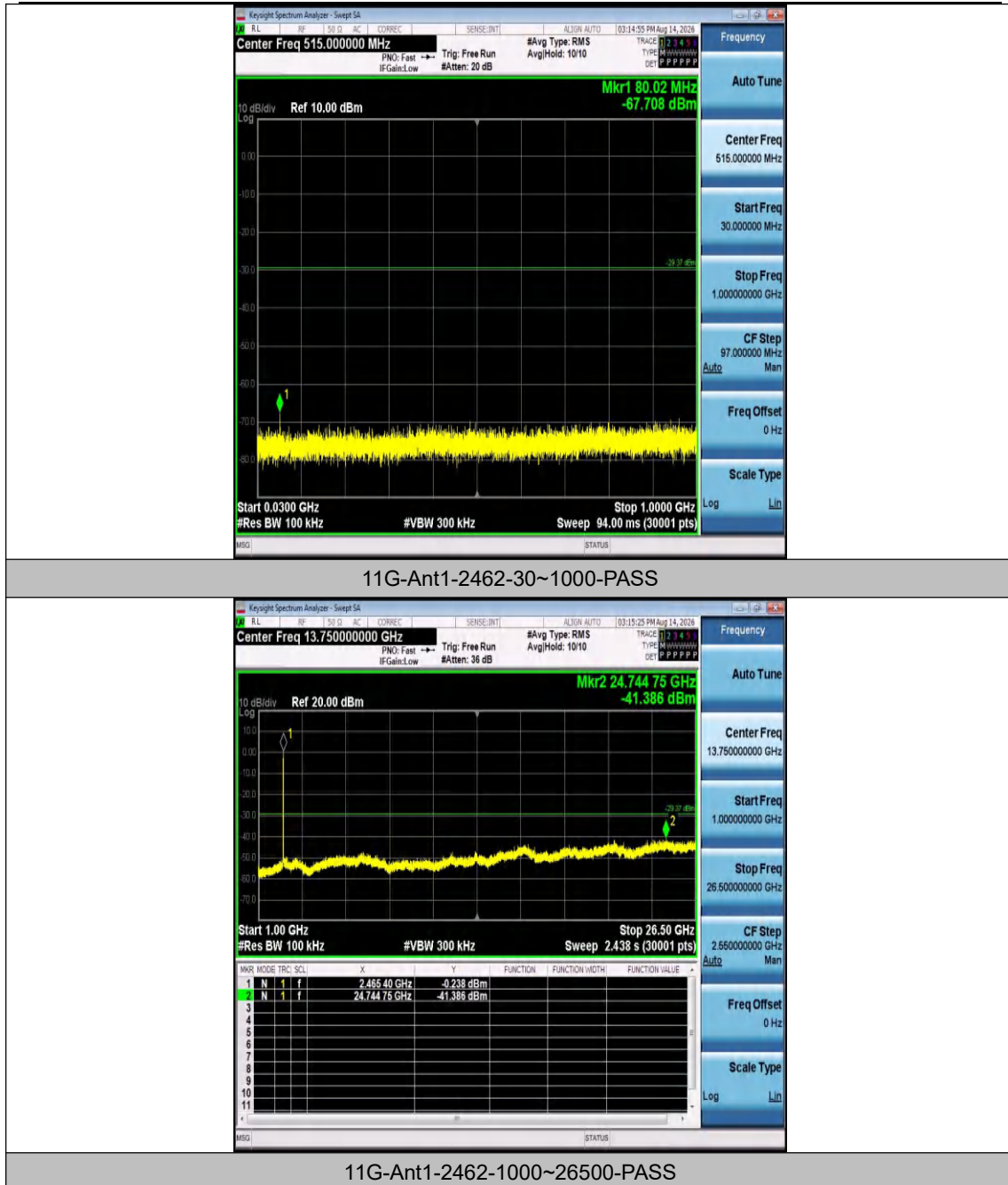
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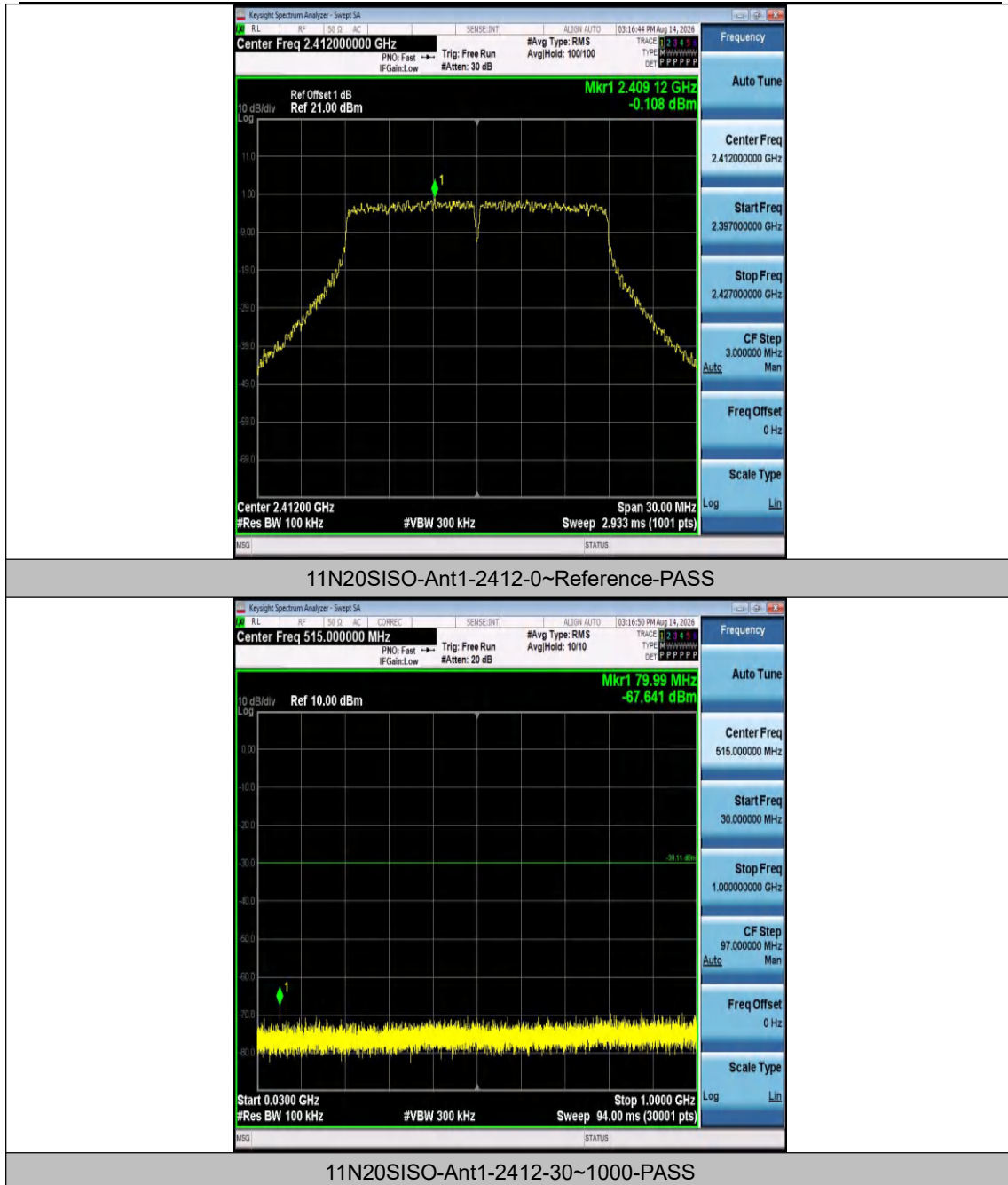
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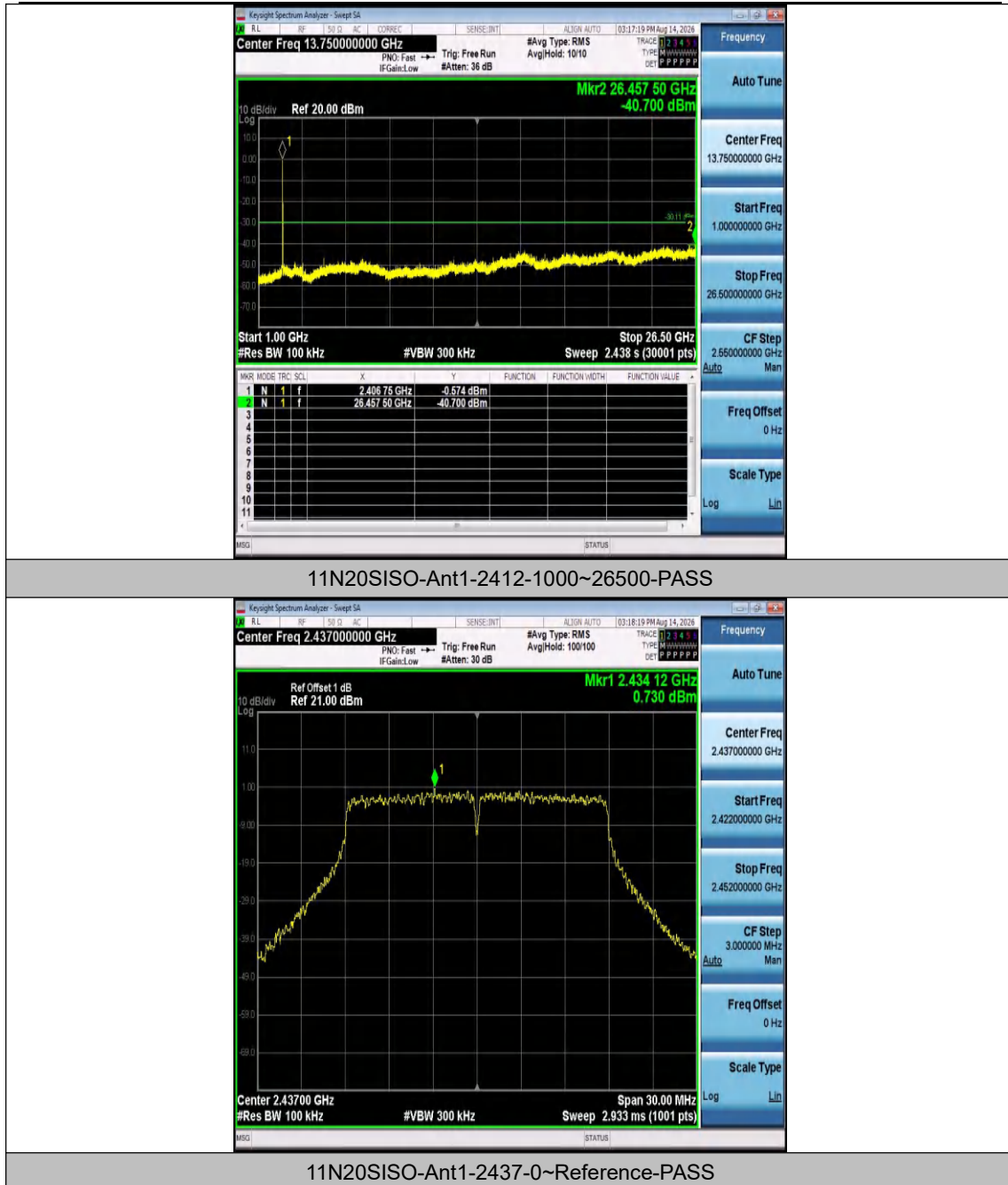
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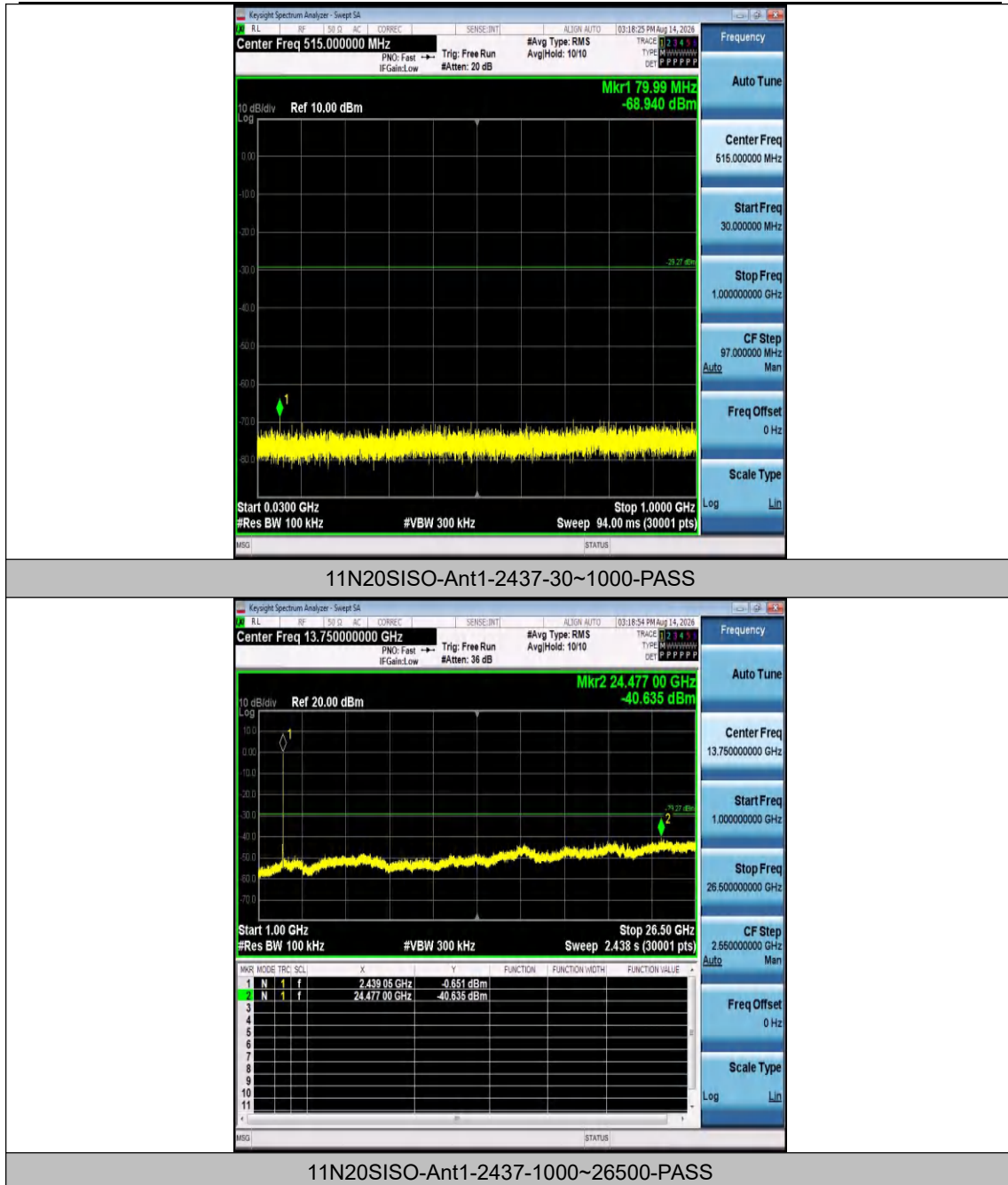
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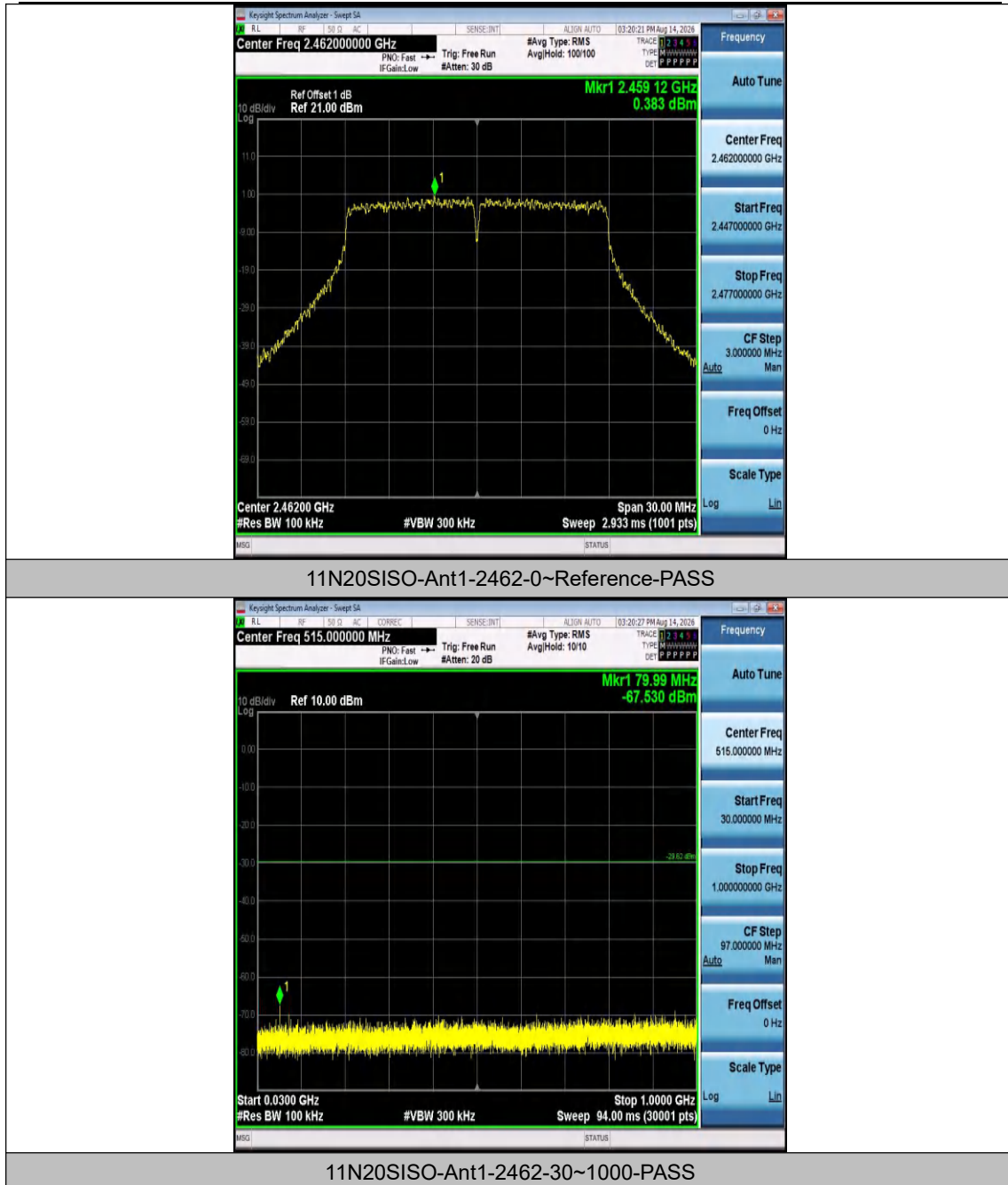
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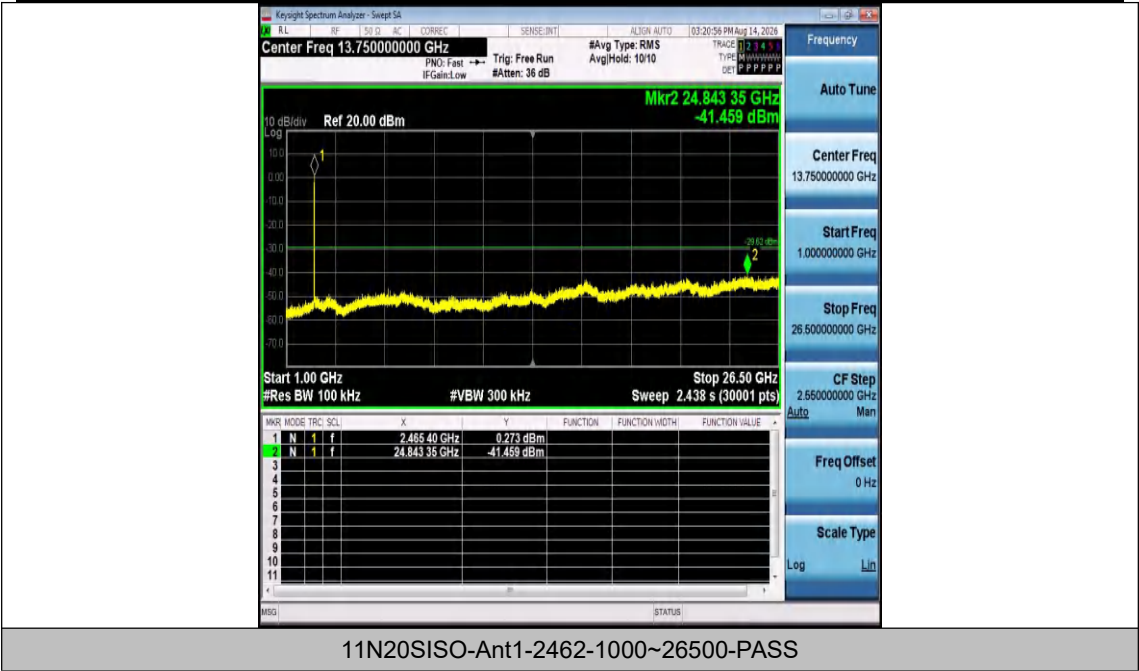
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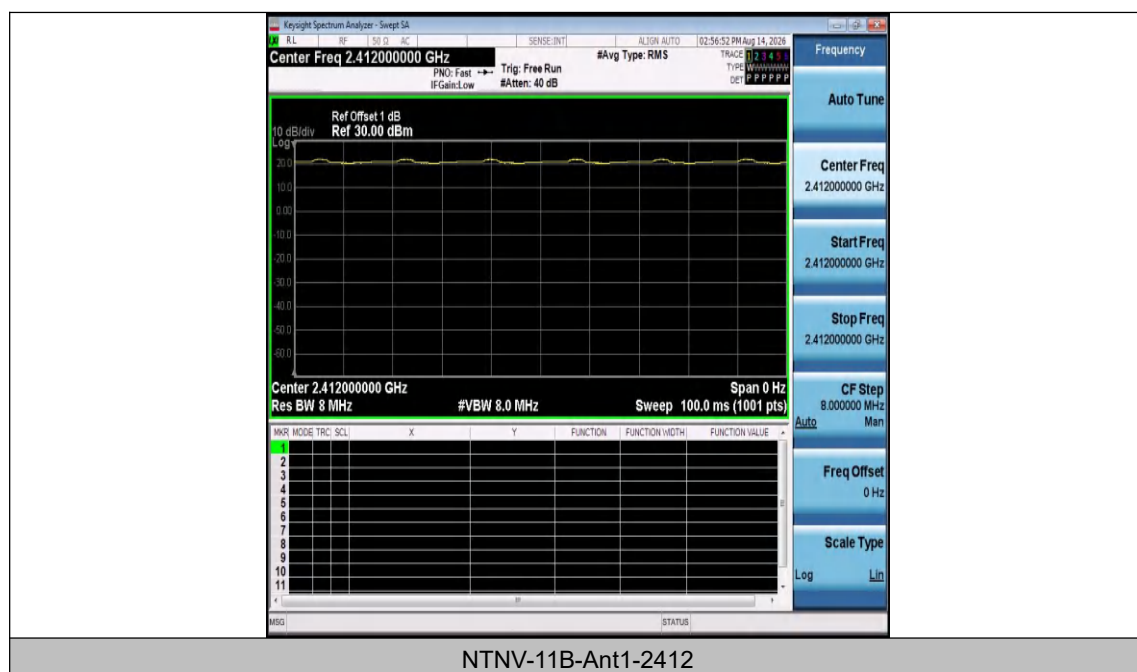
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Appendix G: Duty Cycle

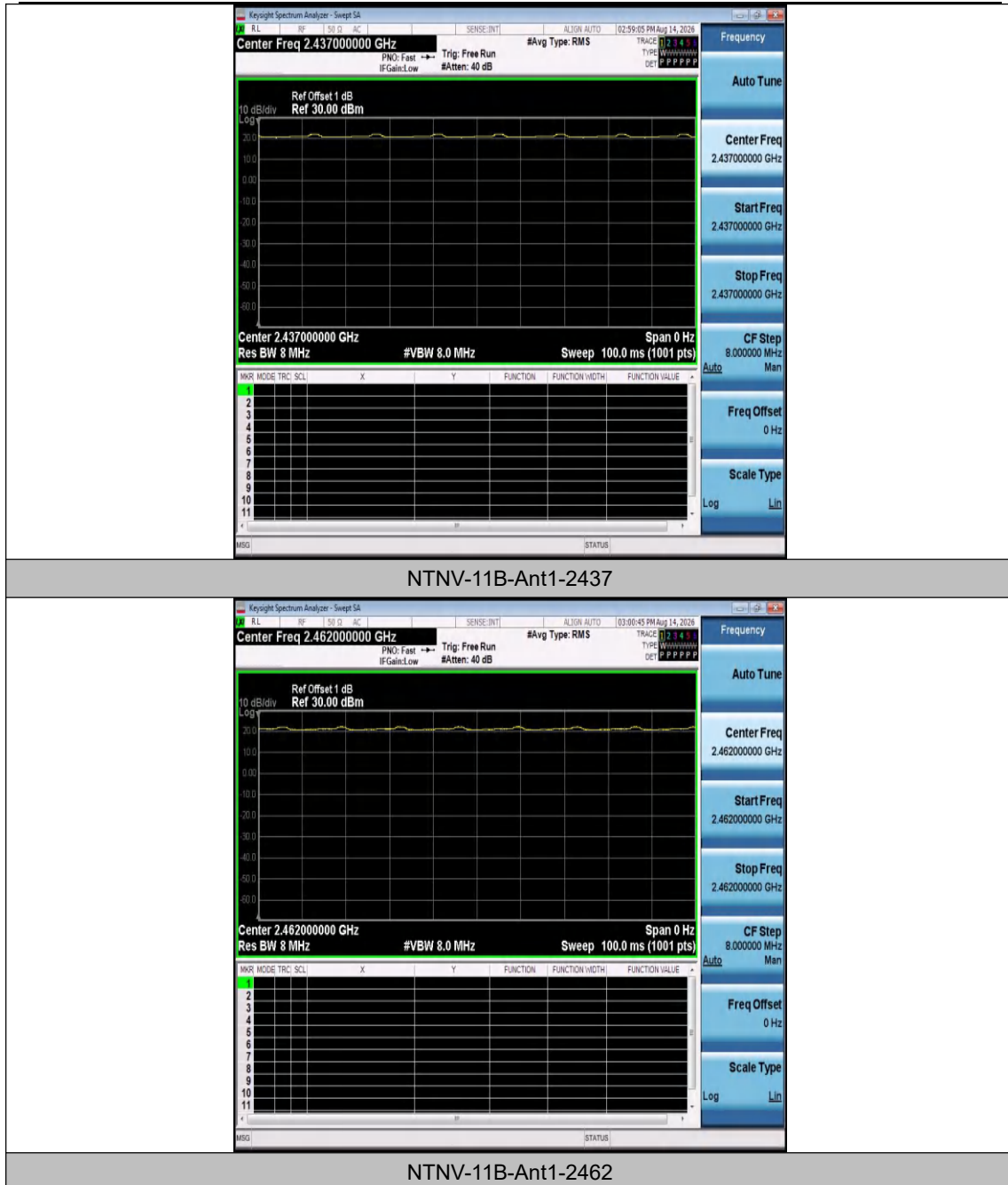
Test Result

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



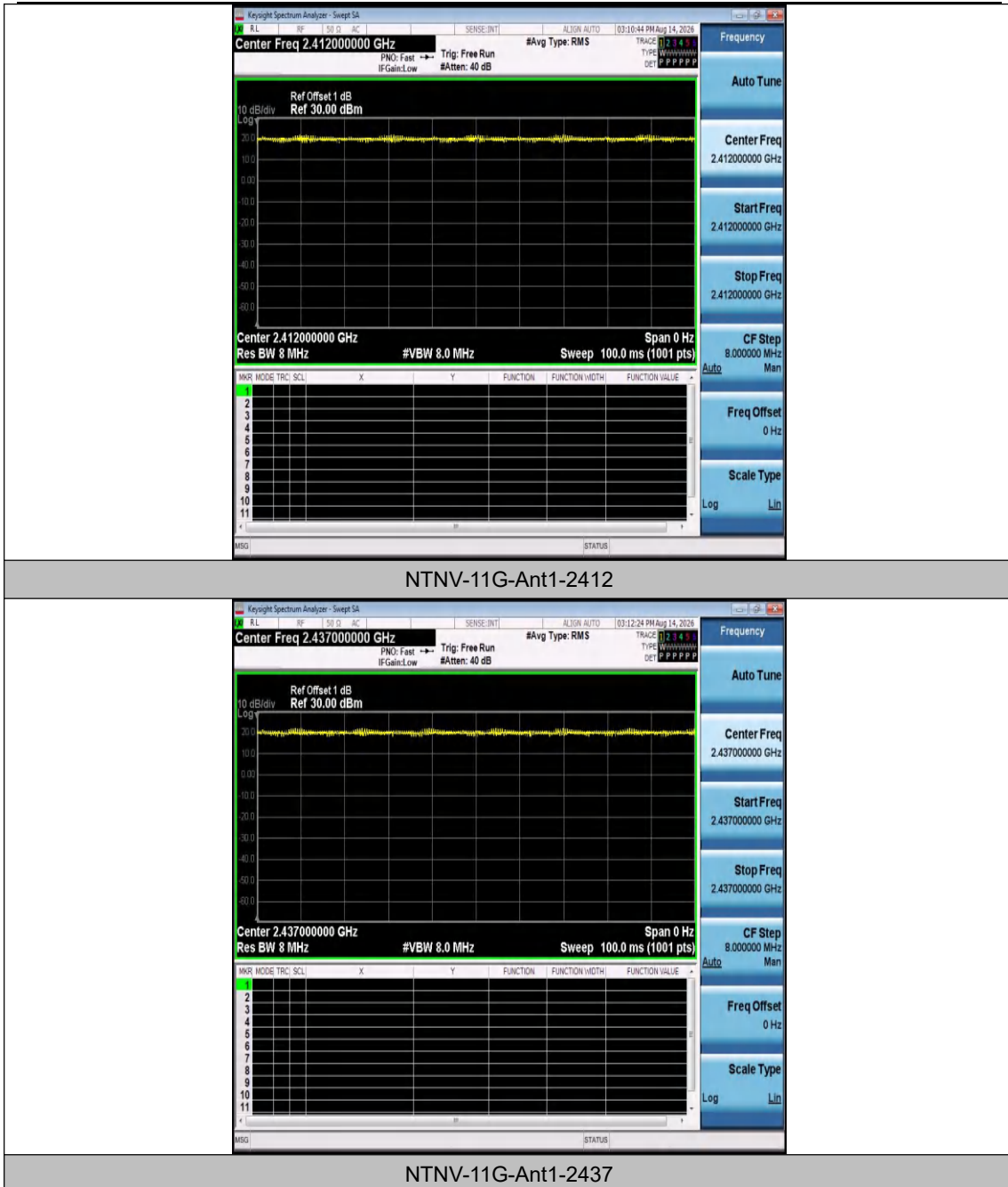
NTNV-11B-Ant1-2412



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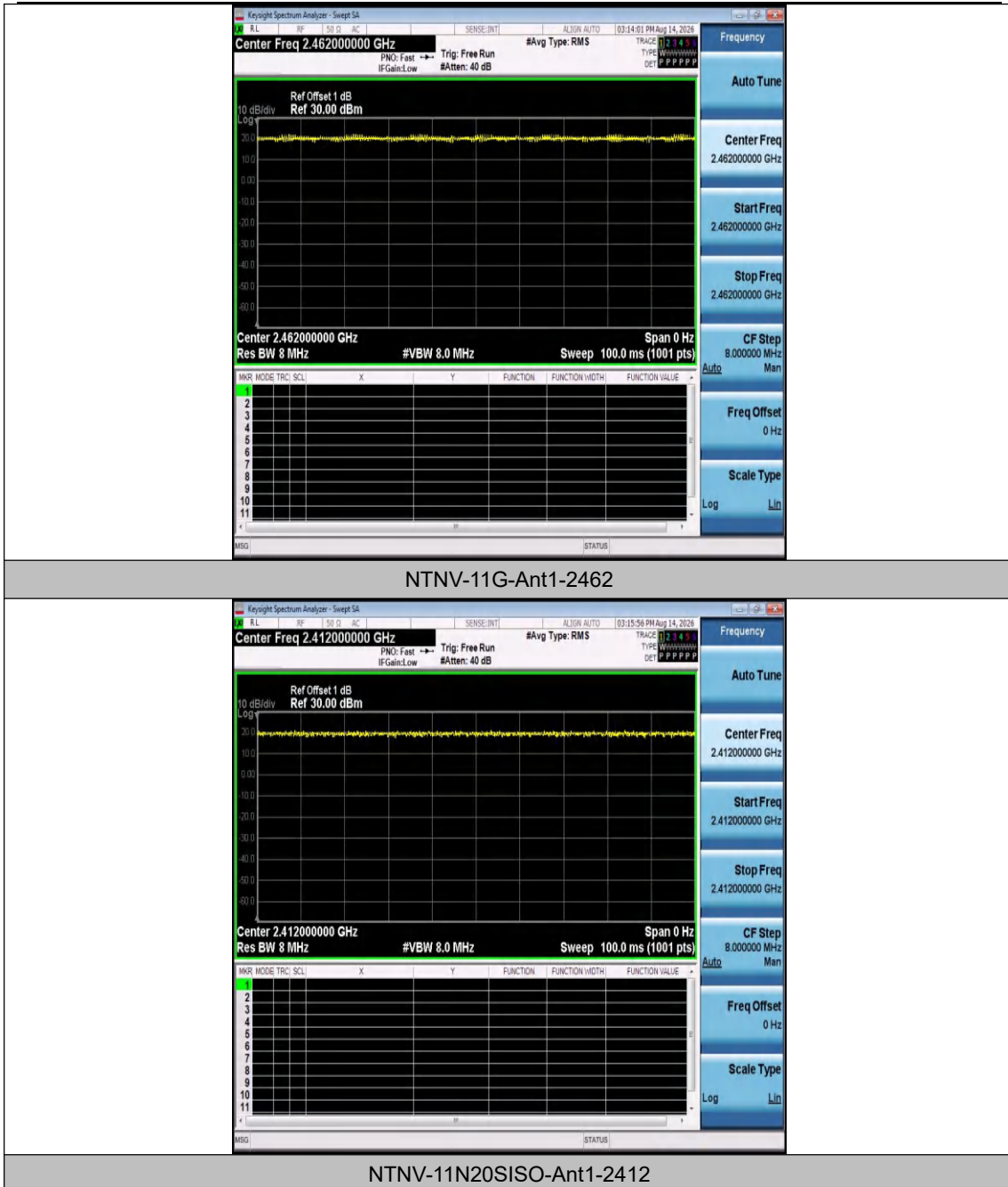
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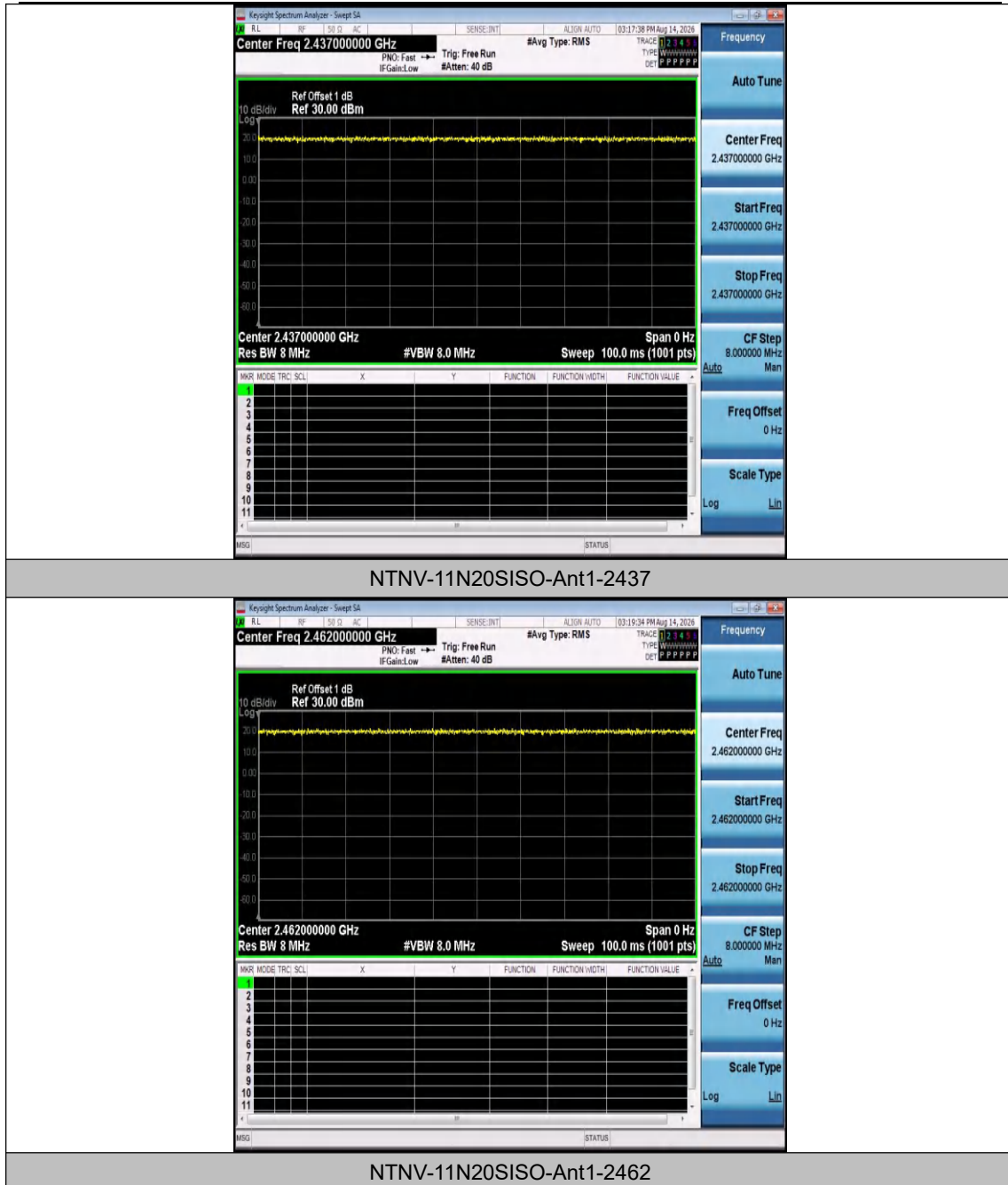
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