

Appendix Test Data

Report No.:	1812C60080012502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-2-26	Finish Test Date:	2026-2-28
Test Engineer:	Huisen Guan	Auditor:	Justin Feng
Temperature:	24.9°C	Relative Humidity:	53%
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	2428.840	2445.280	0.5	PASS
11G	Ant1	2462	16.440	2453.840	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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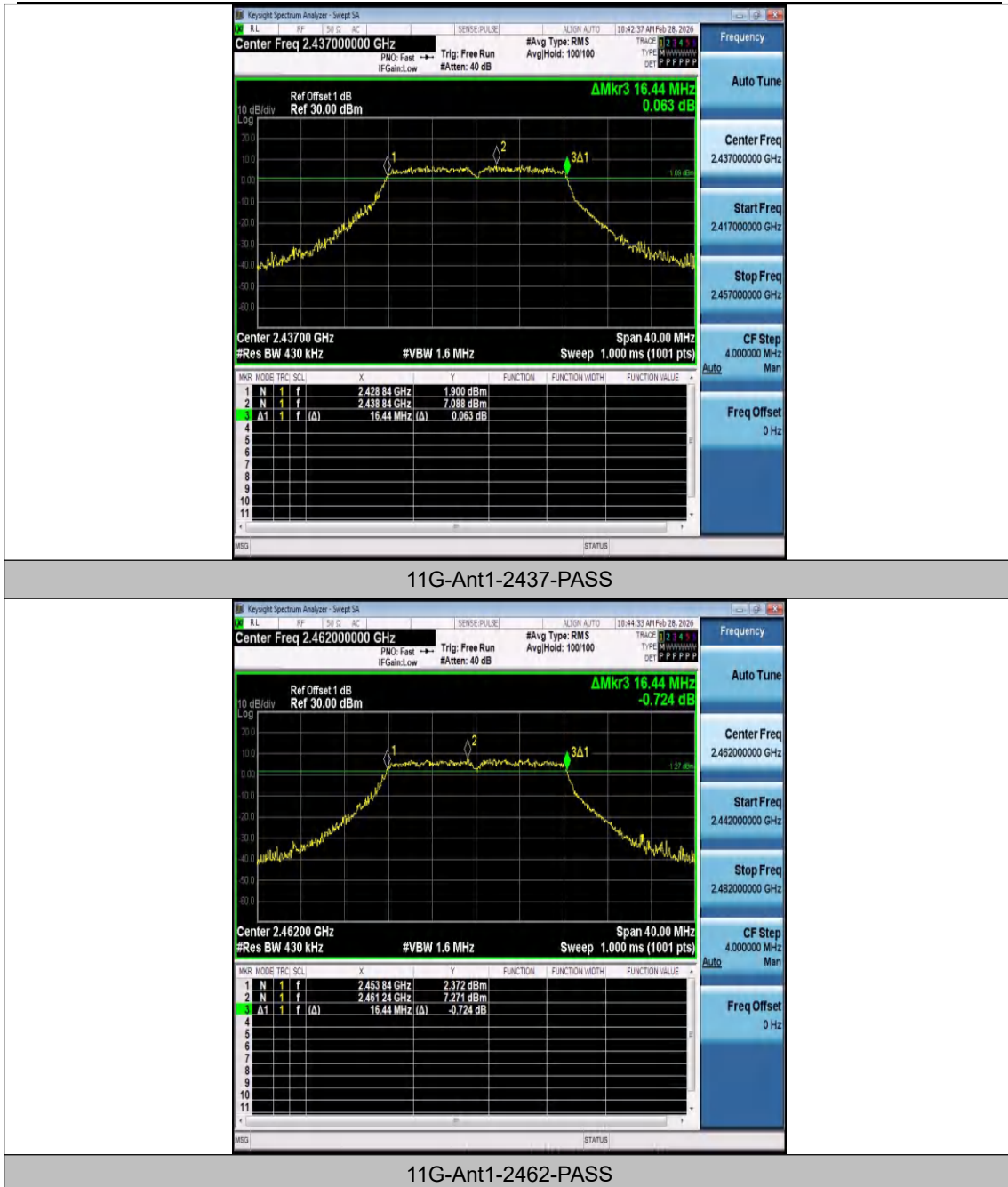
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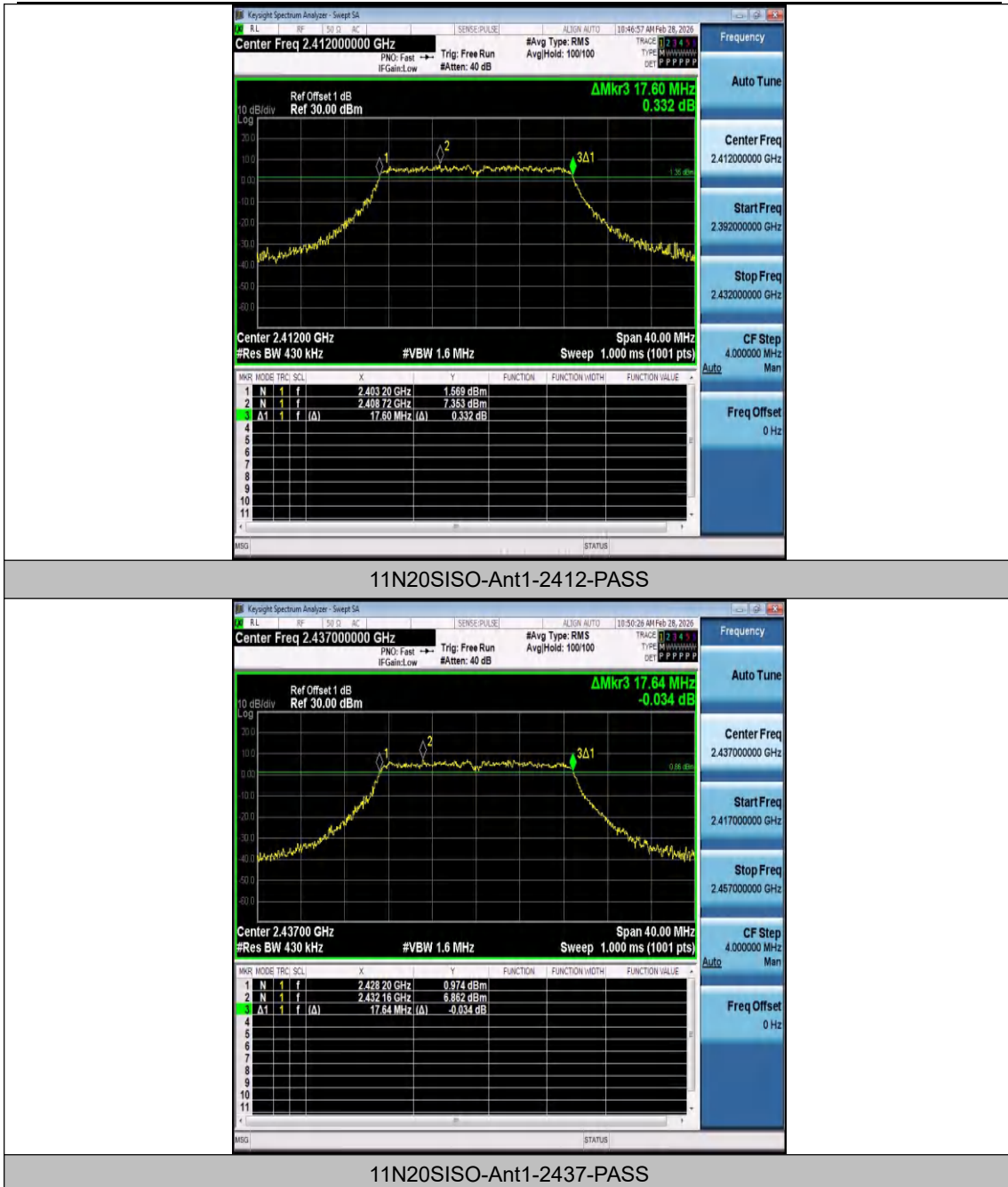
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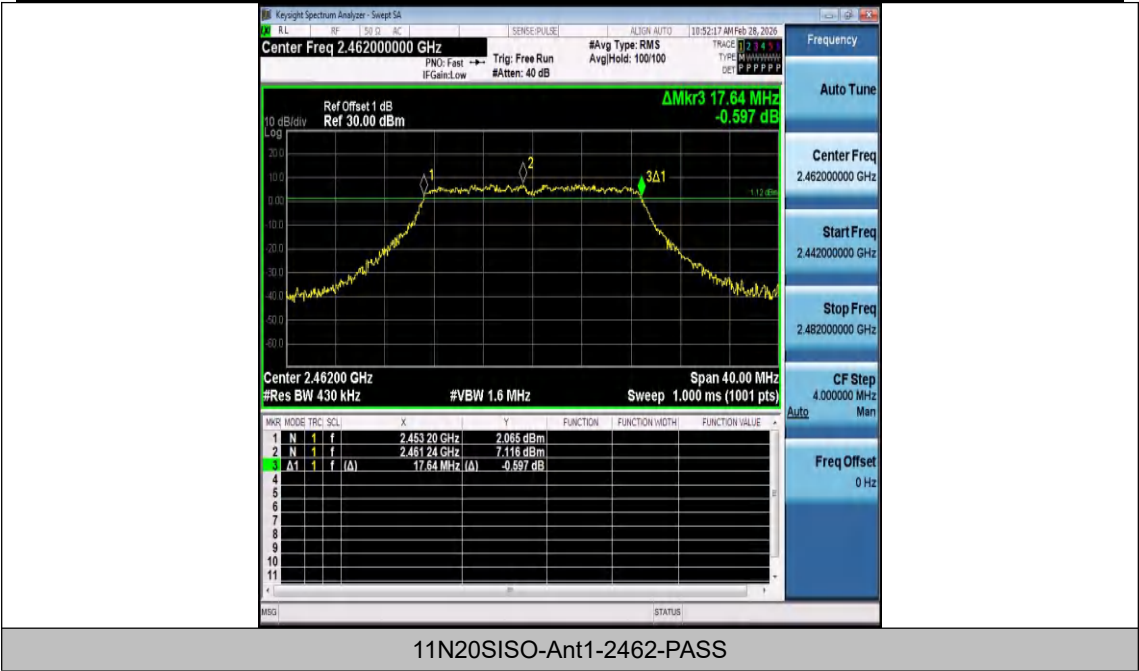
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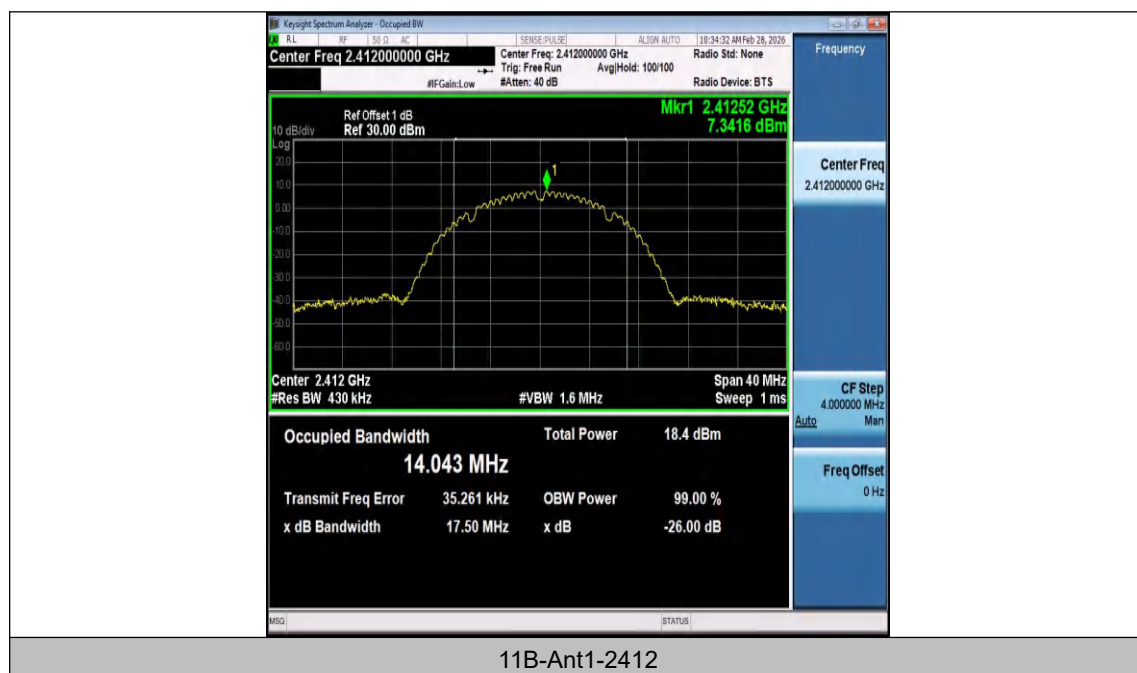
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.043	2405.0138	2419.0568	---	---
11B	Ant1	2437	14.050	2430.0100	2444.0600	---	---
11B	Ant1	2462	14.048	2455.0121	2469.0601	---	---
11G	Ant1	2412	17.121	2403.3793	2420.5003	---	---
11G	Ant1	2437	17.075	2428.4304	2445.5054	---	---
11G	Ant1	2462	17.174	2453.3382	2470.5122	---	---
11N20SISO	Ant1	2412	18.257	2402.8935	2421.1505	---	---
11N20SISO	Ant1	2437	18.182	2427.9391	2446.1211	---	---
11N20SISO	Ant1	2462	18.188	2452.9379	2471.1259	---	---

Test Graphs





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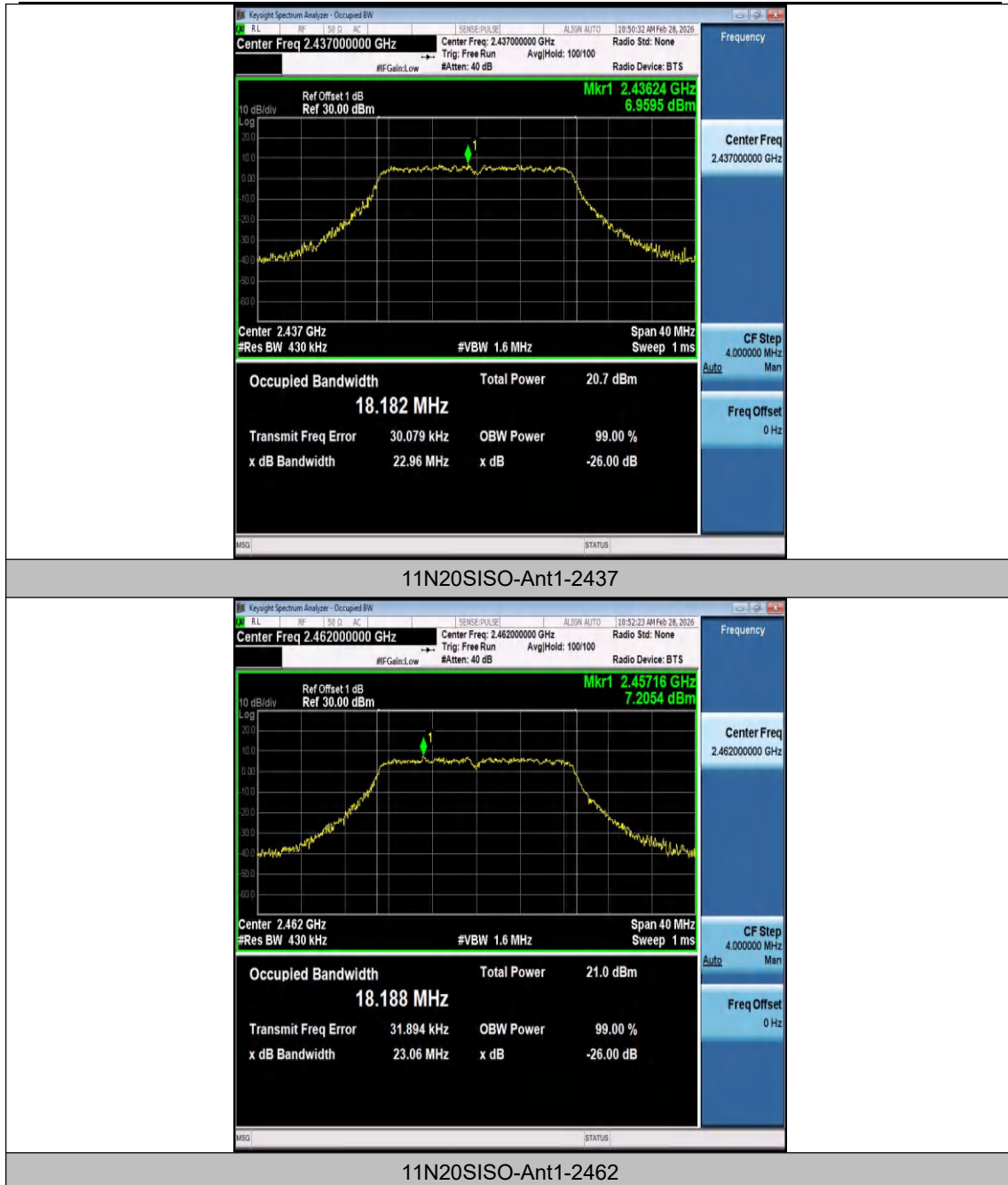
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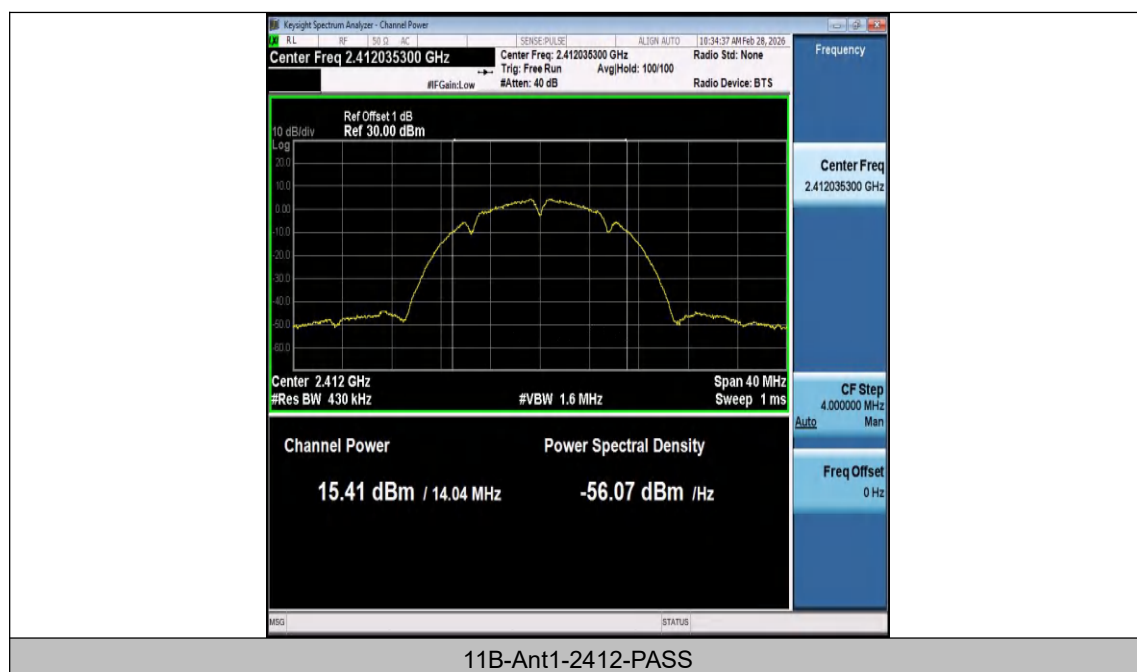
Appendix C: Maximum conducted output power

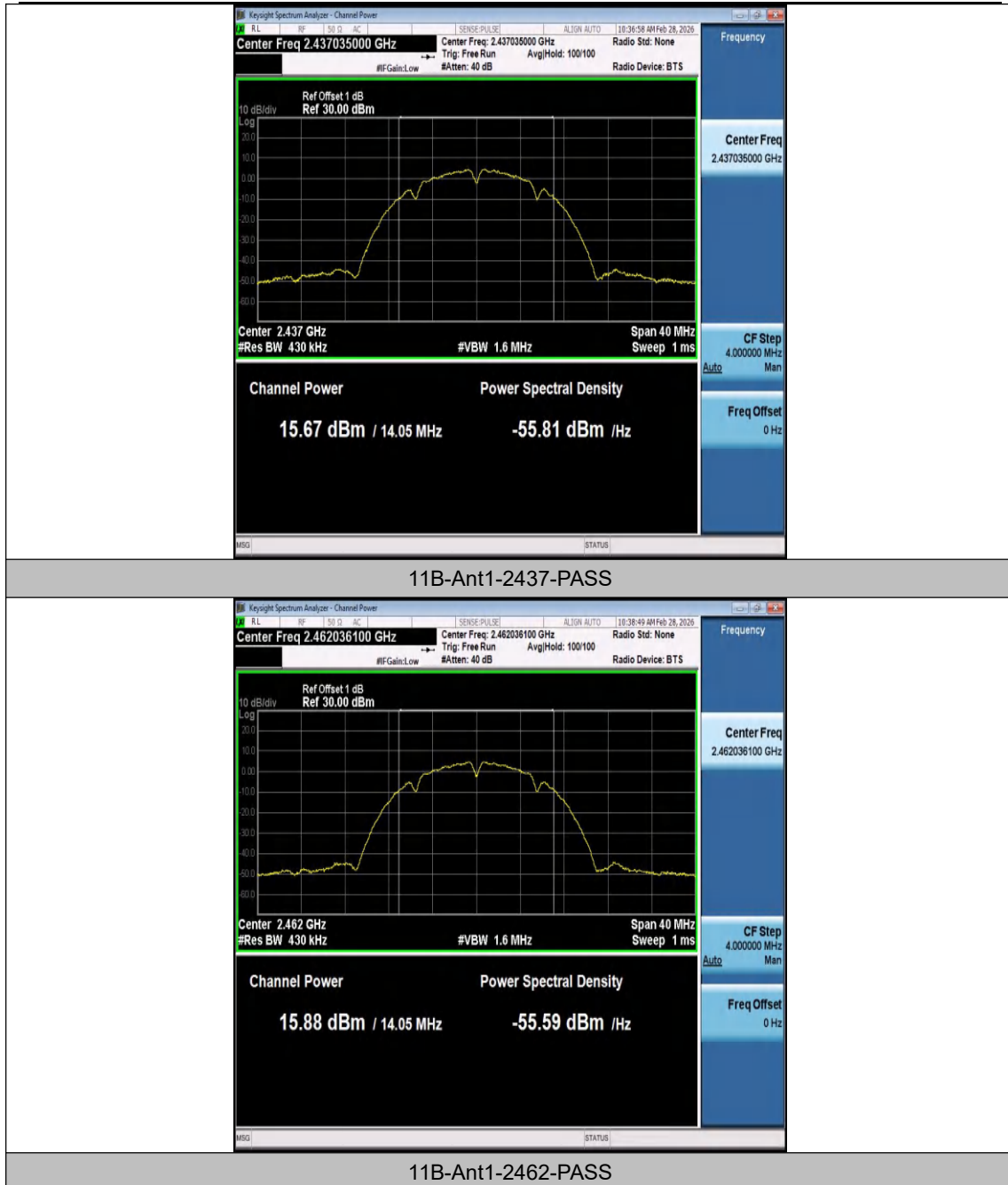
Test Result Average

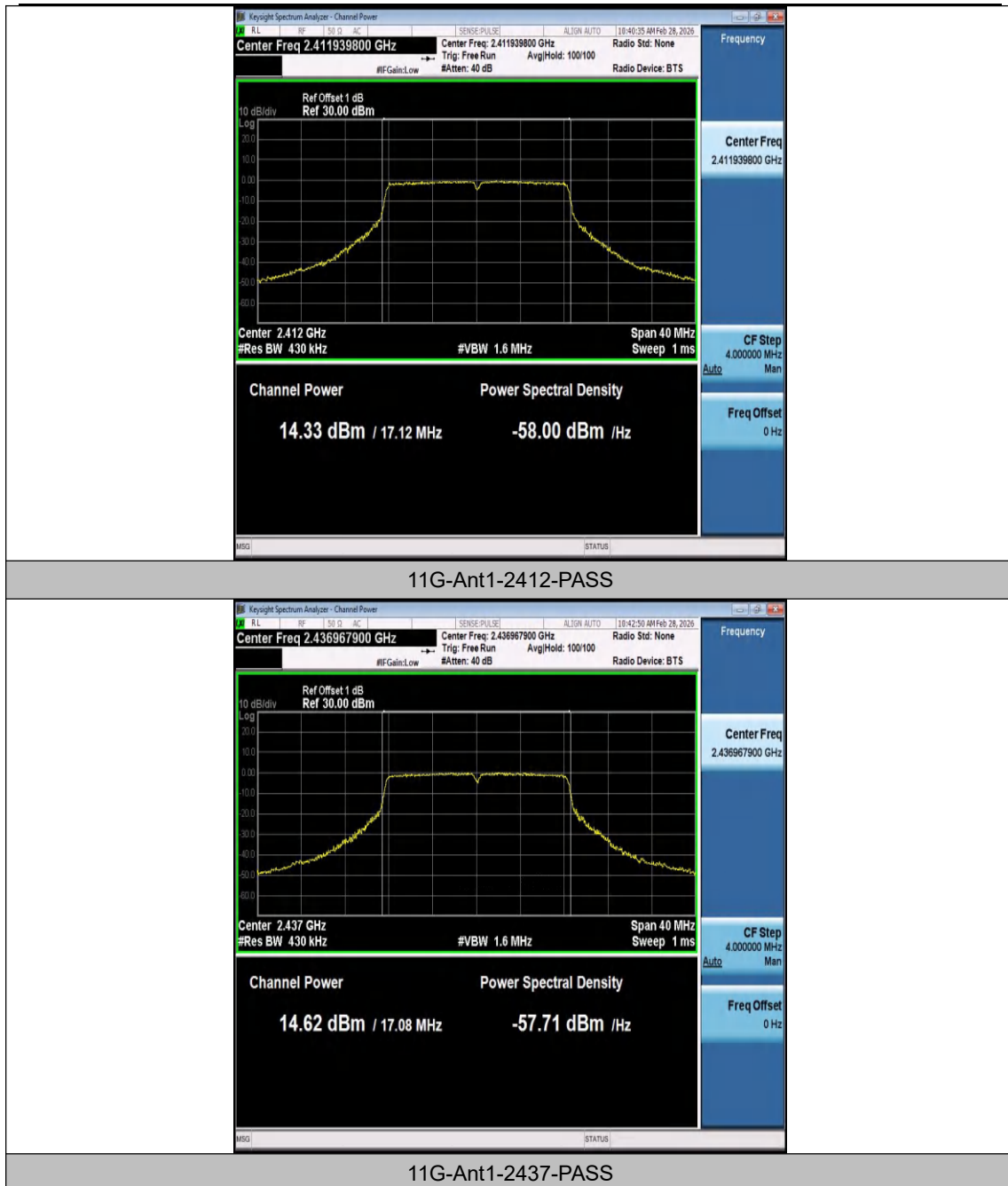
Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	15.41	≤30.00	PASS
11B	Ant1	2437	15.67	≤30.00	PASS
11B	Ant1	2462	15.88	≤30.00	PASS
11G	Ant1	2412	14.33	≤30.00	PASS
11G	Ant1	2437	14.62	≤30.00	PASS
11G	Ant1	2462	14.85	≤30.00	PASS
11N20SISO	Ant1	2412	15.24	≤30.00	PASS
11N20SISO	Ant1	2437	14.55	≤30.00	PASS
11N20SISO	Ant1	2462	14.81	≤30.00	PASS

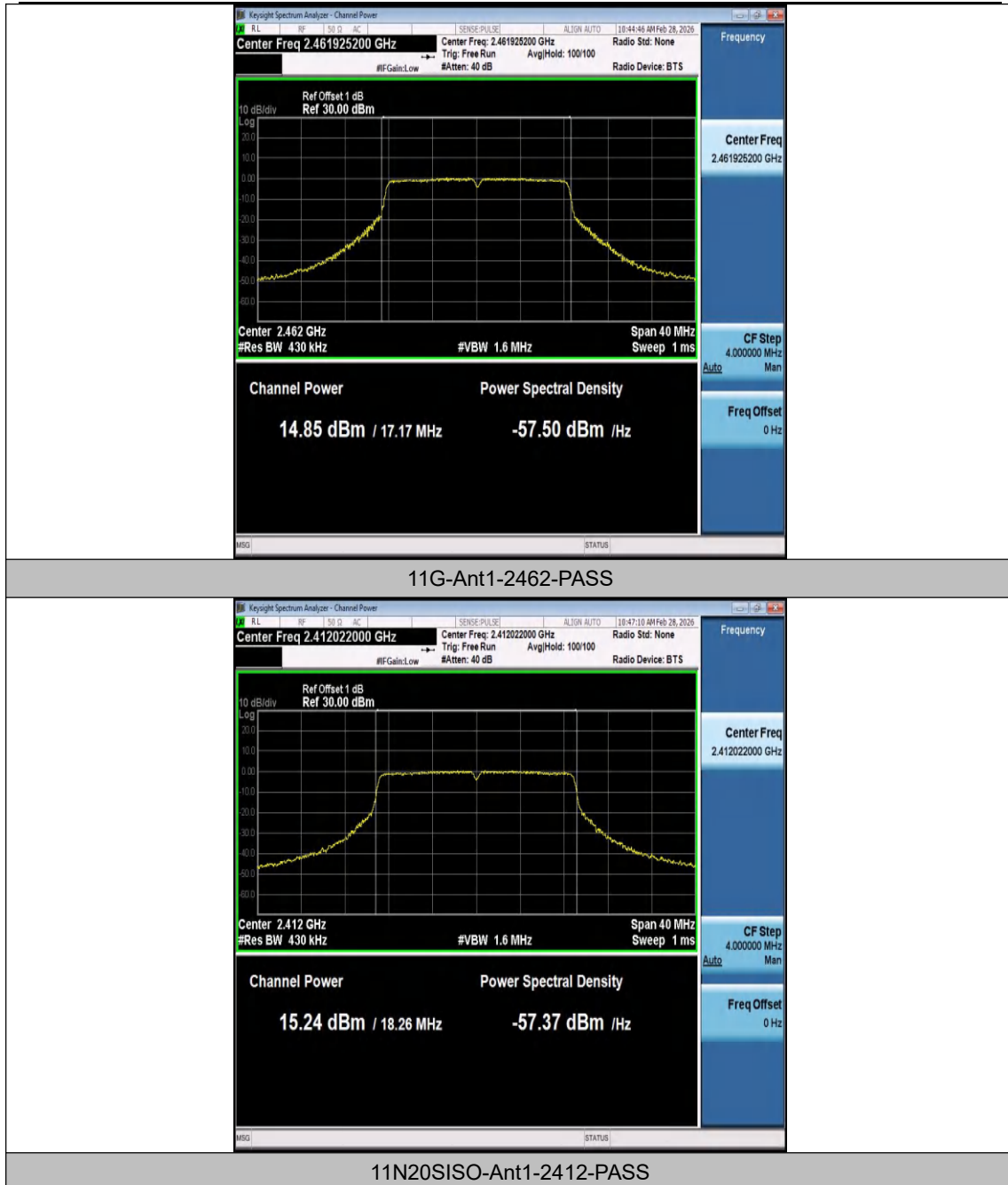
Note: The cable loss are compensated in the graph.

Test Graphs Average





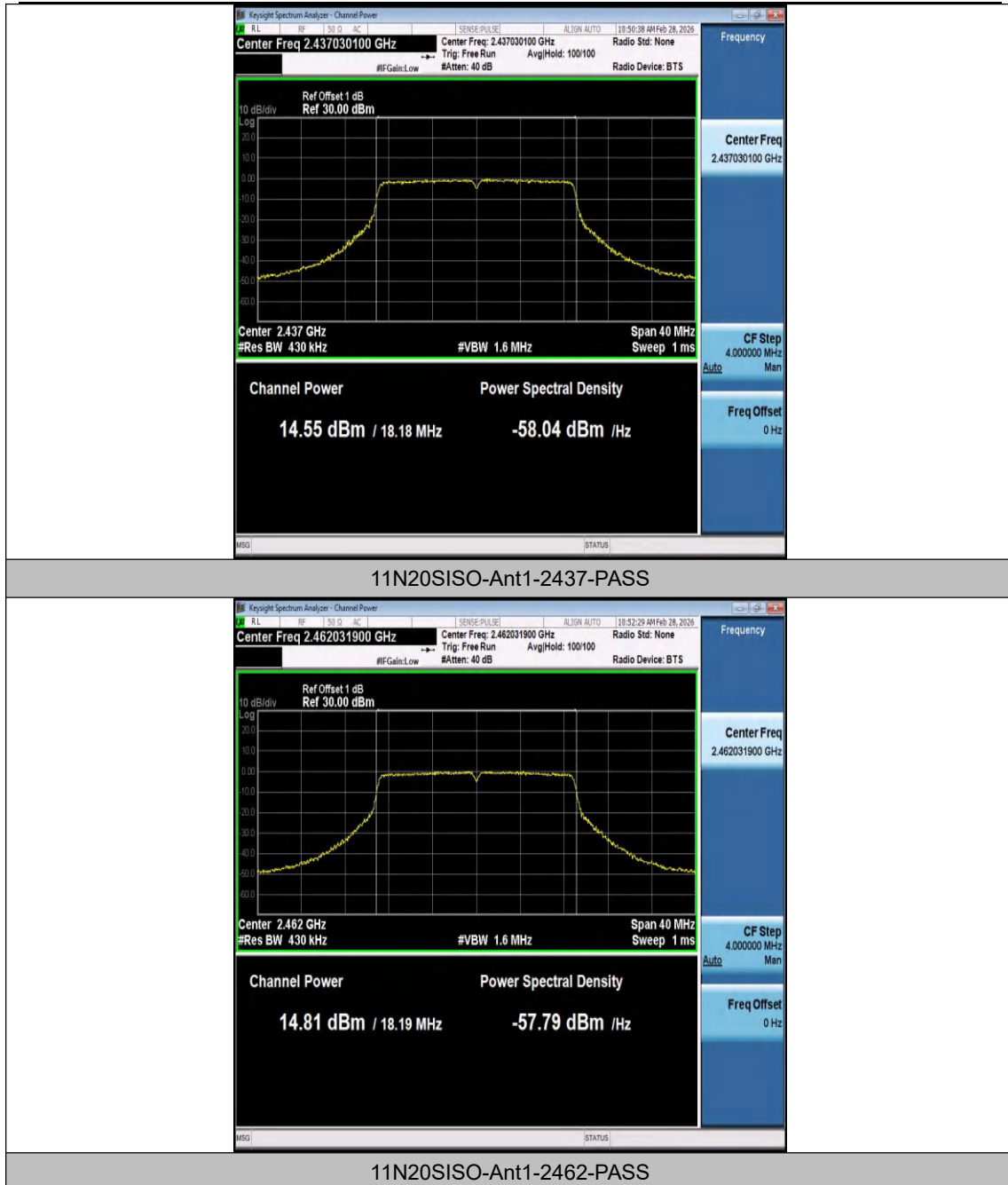




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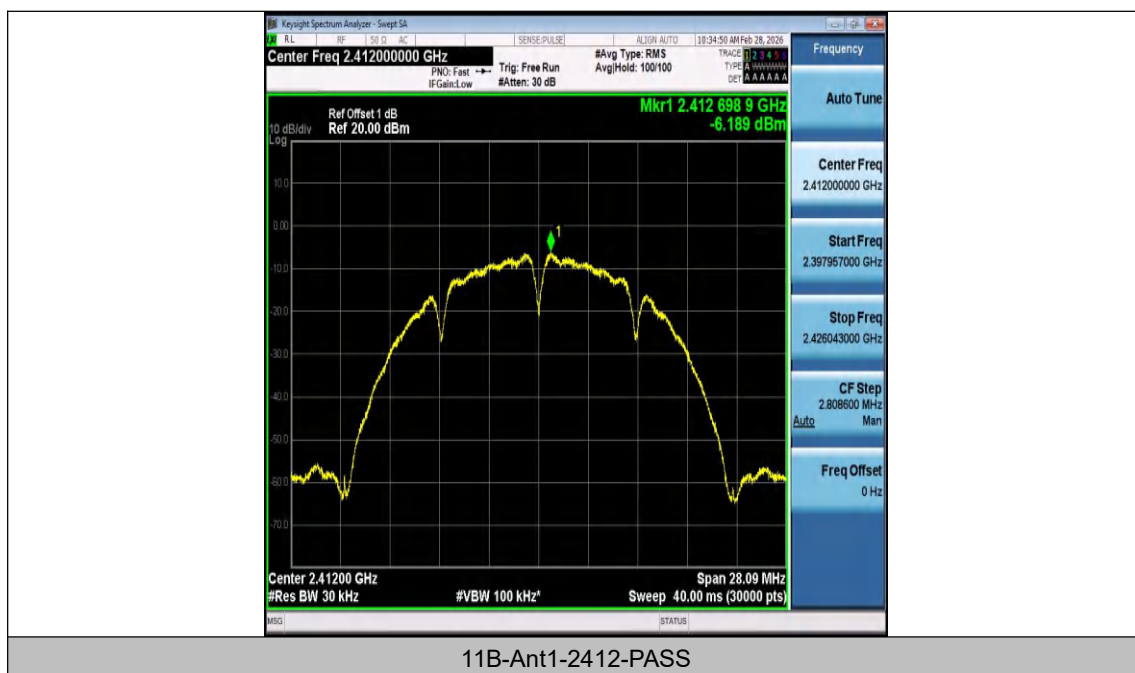
Appendix D: Maximum power spectral density

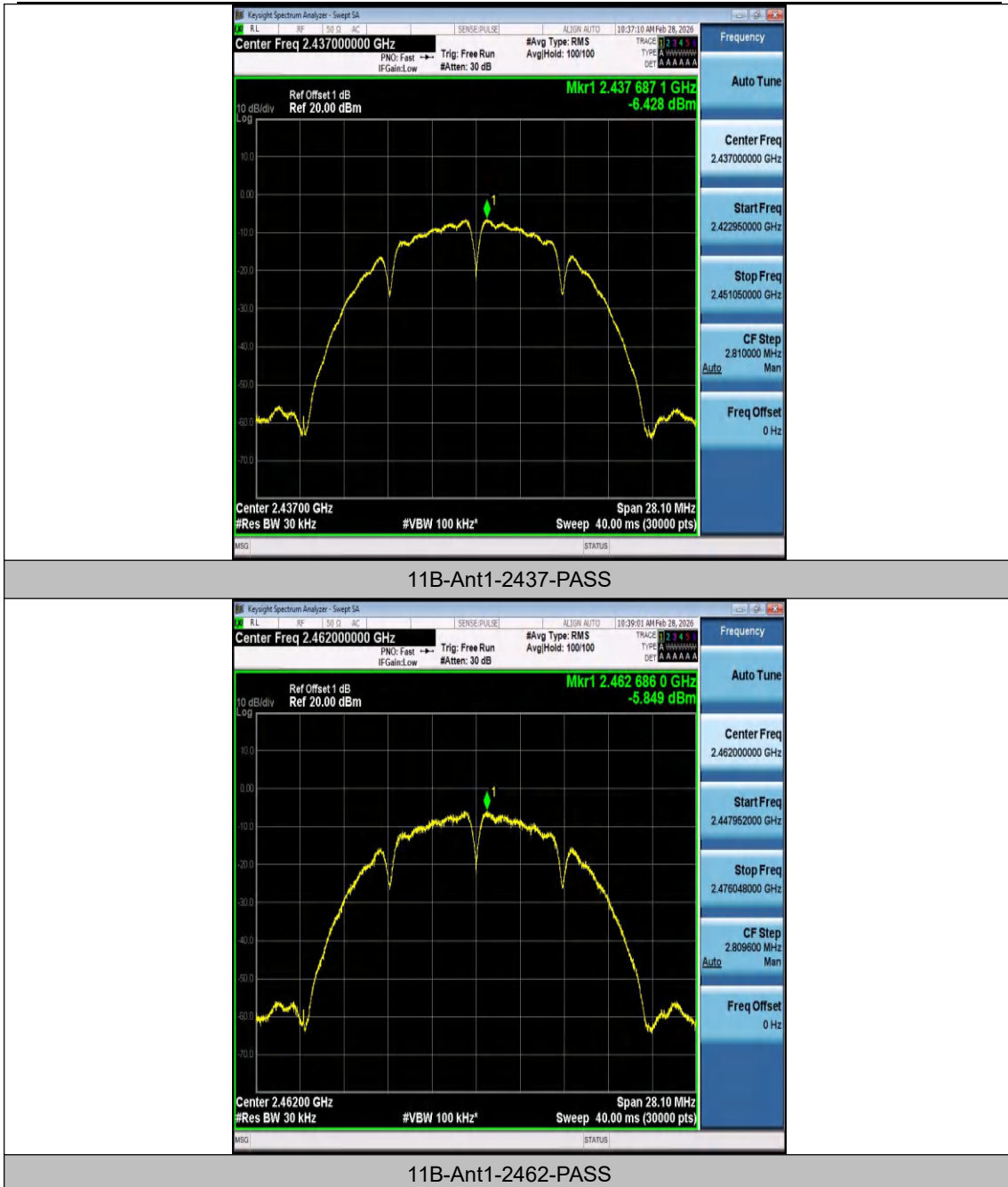
Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/30kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-6.19	≤8.00	PASS
11B	Ant1	2437	-6.43	≤8.00	PASS
11B	Ant1	2462	-5.85	≤8.00	PASS
11G	Ant1	2412	-9.76	≤8.00	PASS
11G	Ant1	2437	-9.30	≤8.00	PASS
11G	Ant1	2462	-9.35	≤8.00	PASS
11N20SISO	Ant1	2412	-9.12	≤8.00	PASS
11N20SISO	Ant1	2437	-9.85	≤8.00	PASS
11N20SISO	Ant1	2462	-9.87	≤8.00	PASS

Note: The cable loss are compensated in the graph.

Test Graphs

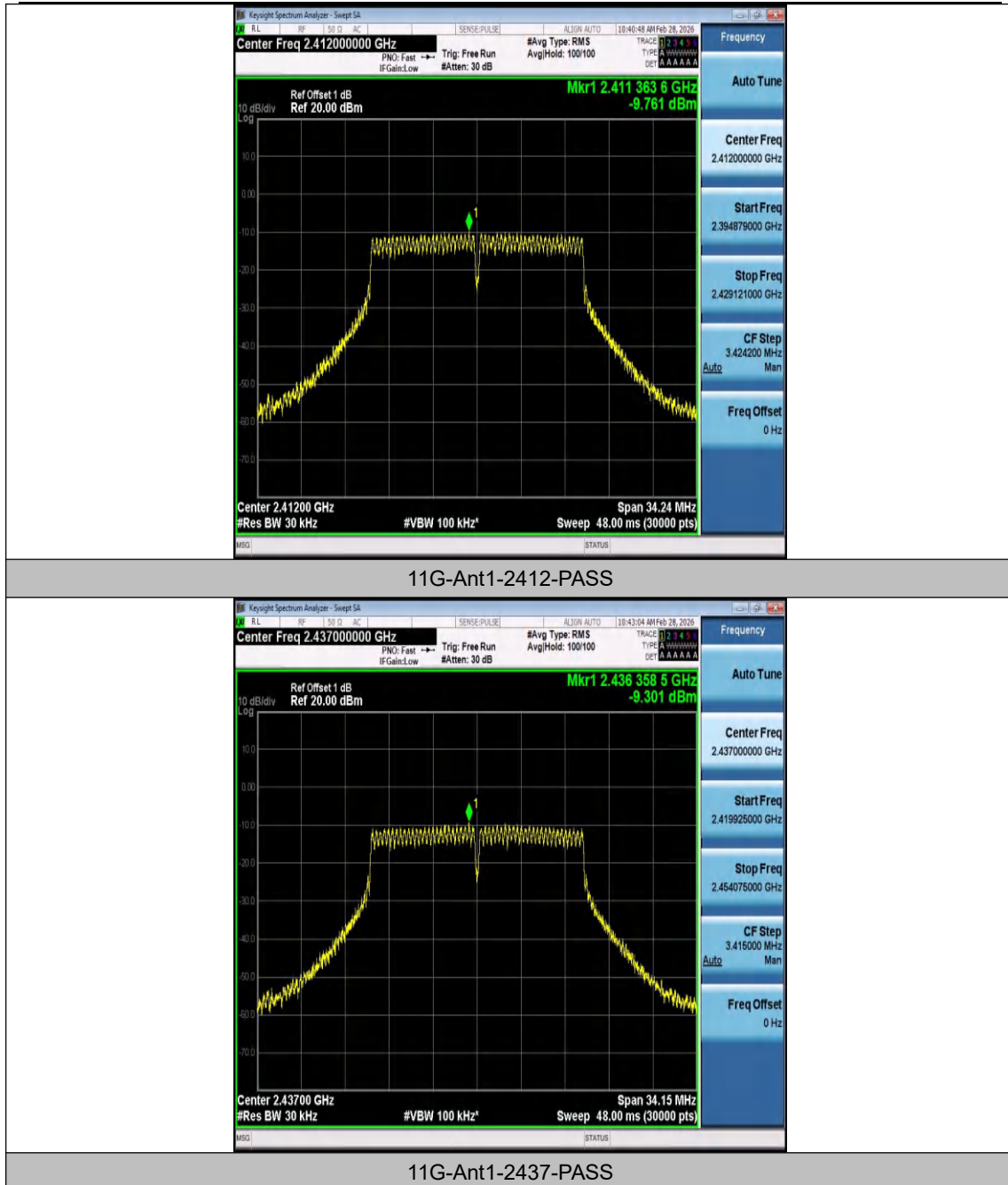




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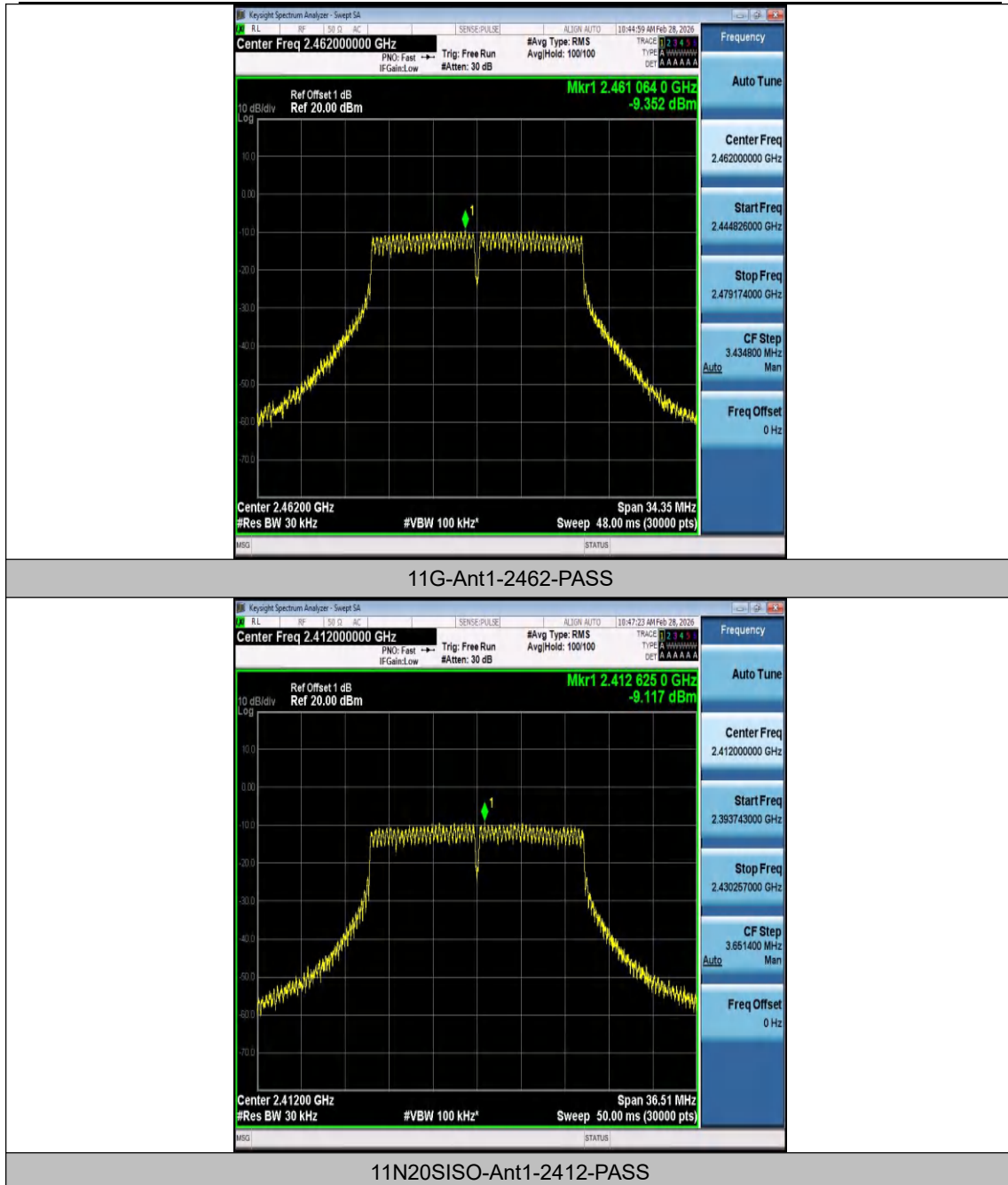
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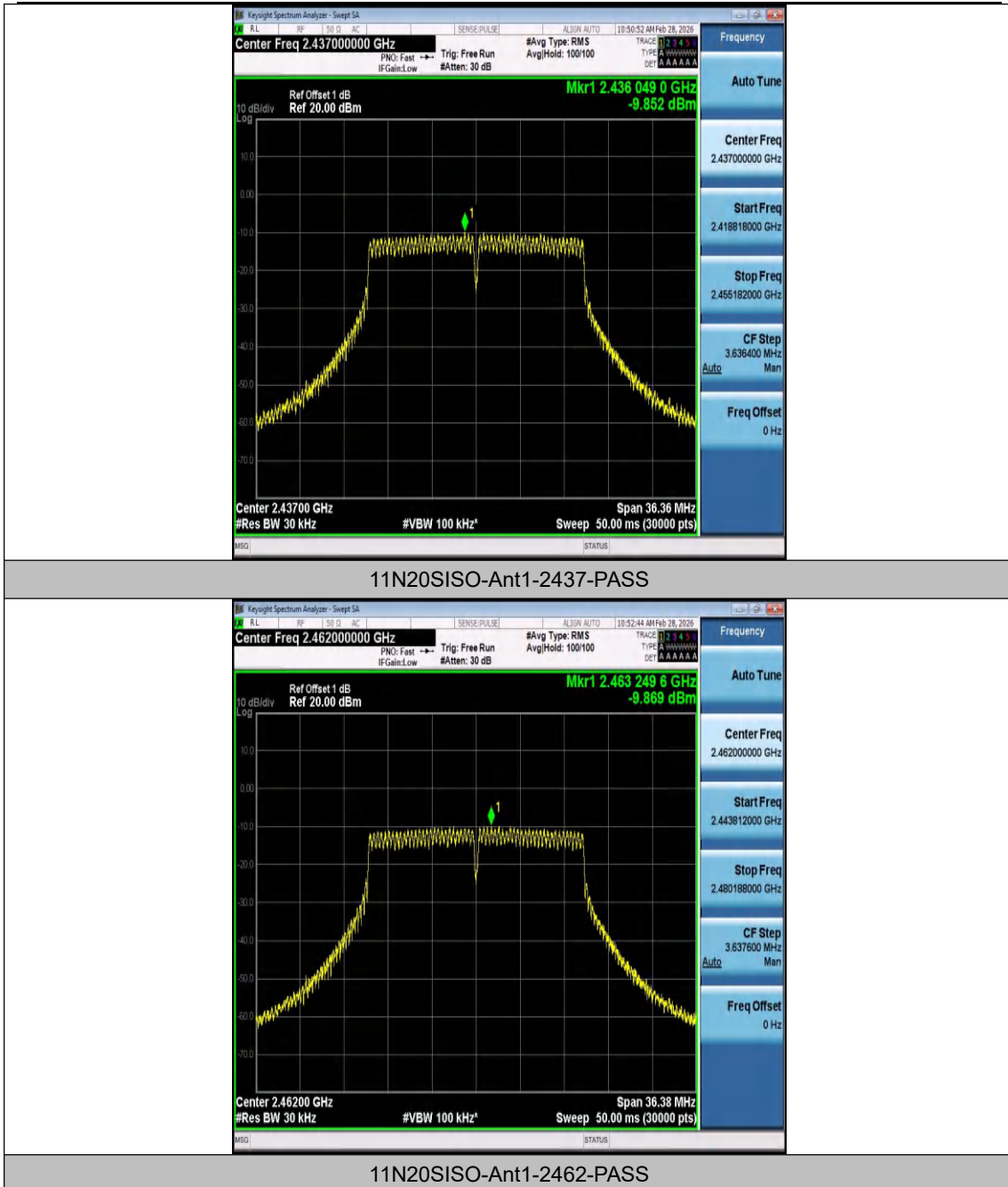
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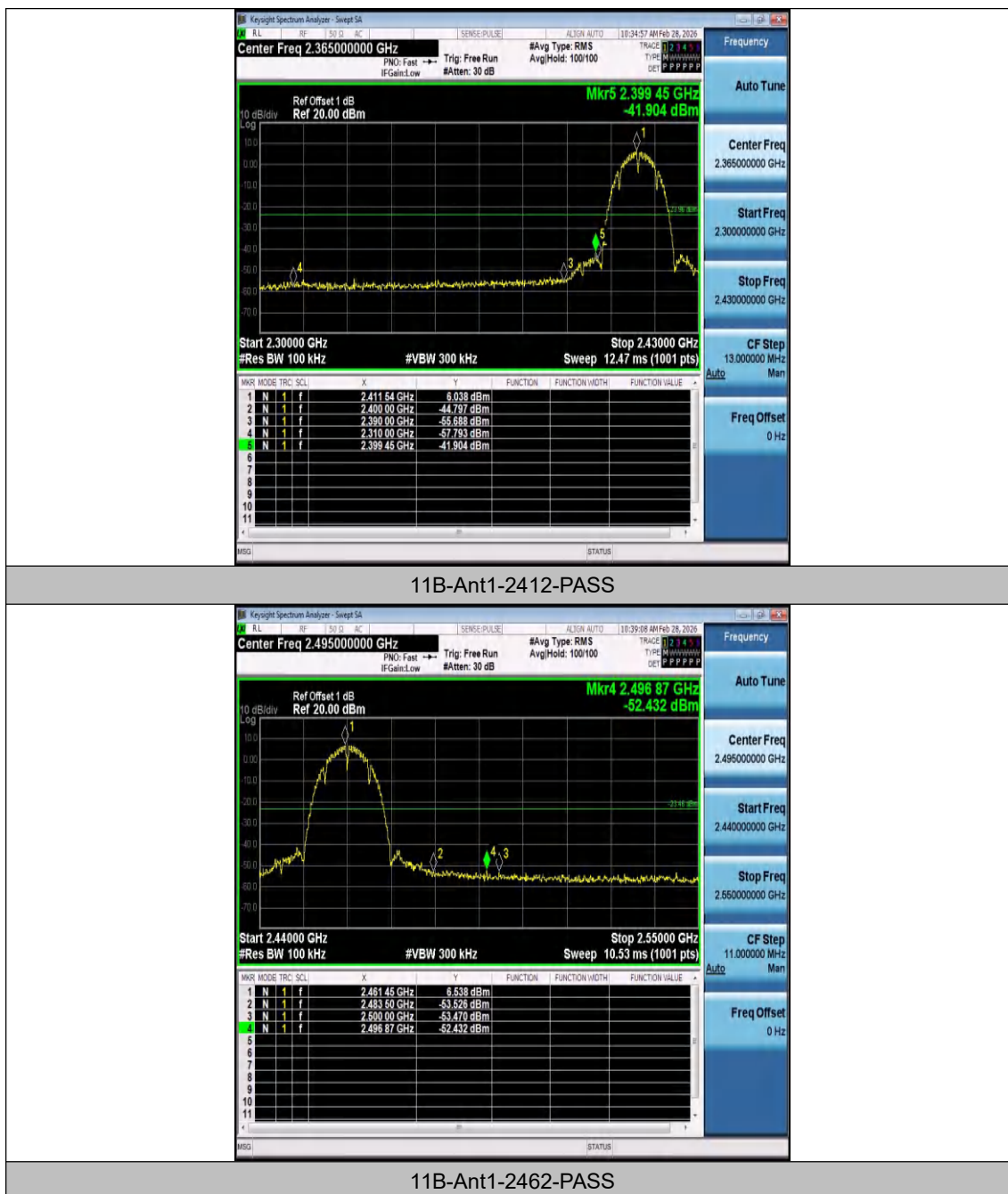
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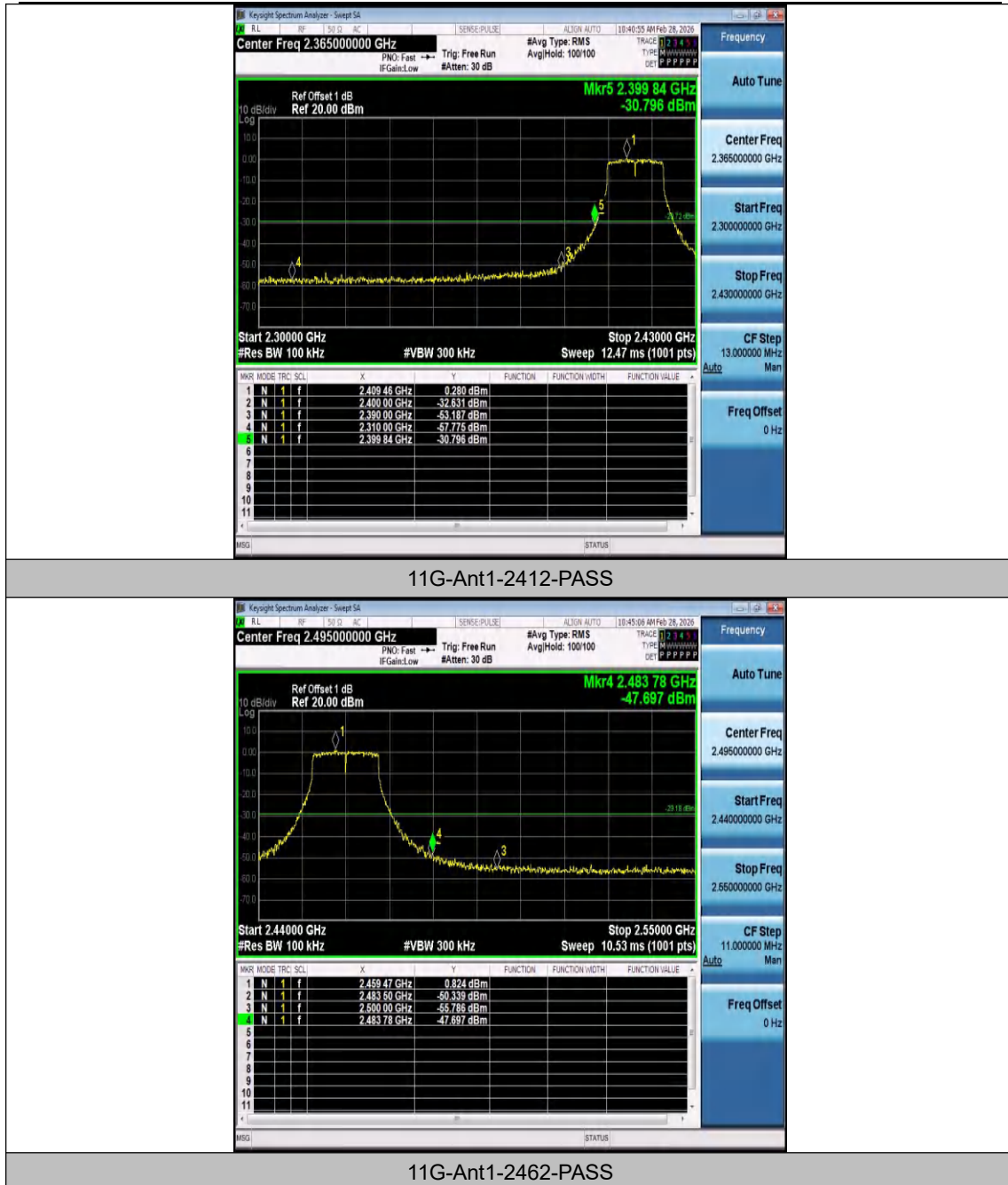
Appendix E: Conducted Band edge

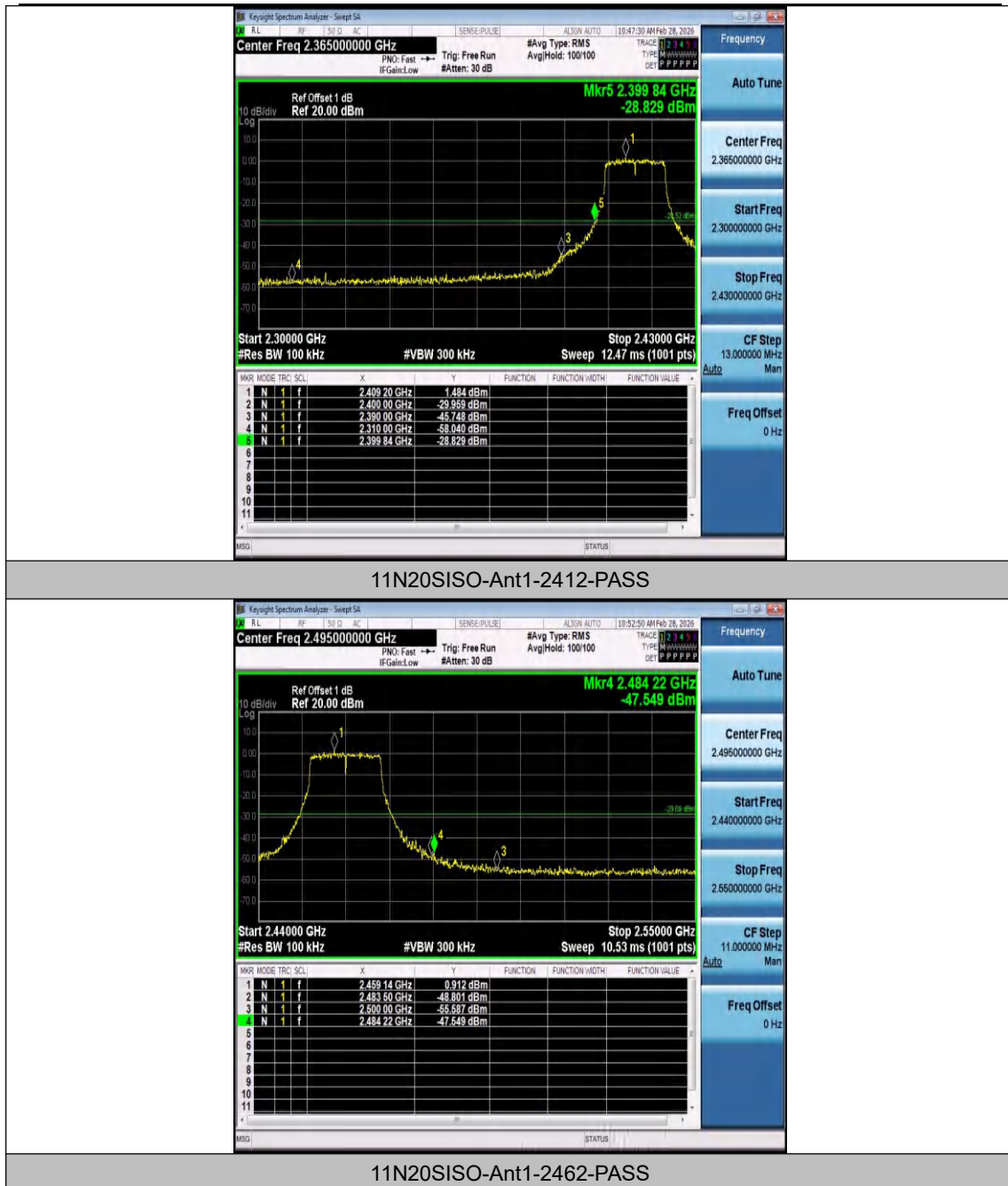
Test Result

Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.04	-41.9	≤-23.96	PASS
11B	Ant1	High	2462	6.54	-52.43	≤-23.46	PASS
11G	Ant1	Low	2412	0.28	-30.8	≤-29.72	PASS
11G	Ant1	High	2462	0.82	-47.7	≤-29.18	PASS
11N20SISO	Ant1	Low	2412	1.48	-28.83	≤-28.52	PASS
11N20SISO	Ant1	High	2462	0.91	-47.55	≤-29.09	PASS

Test Graphs







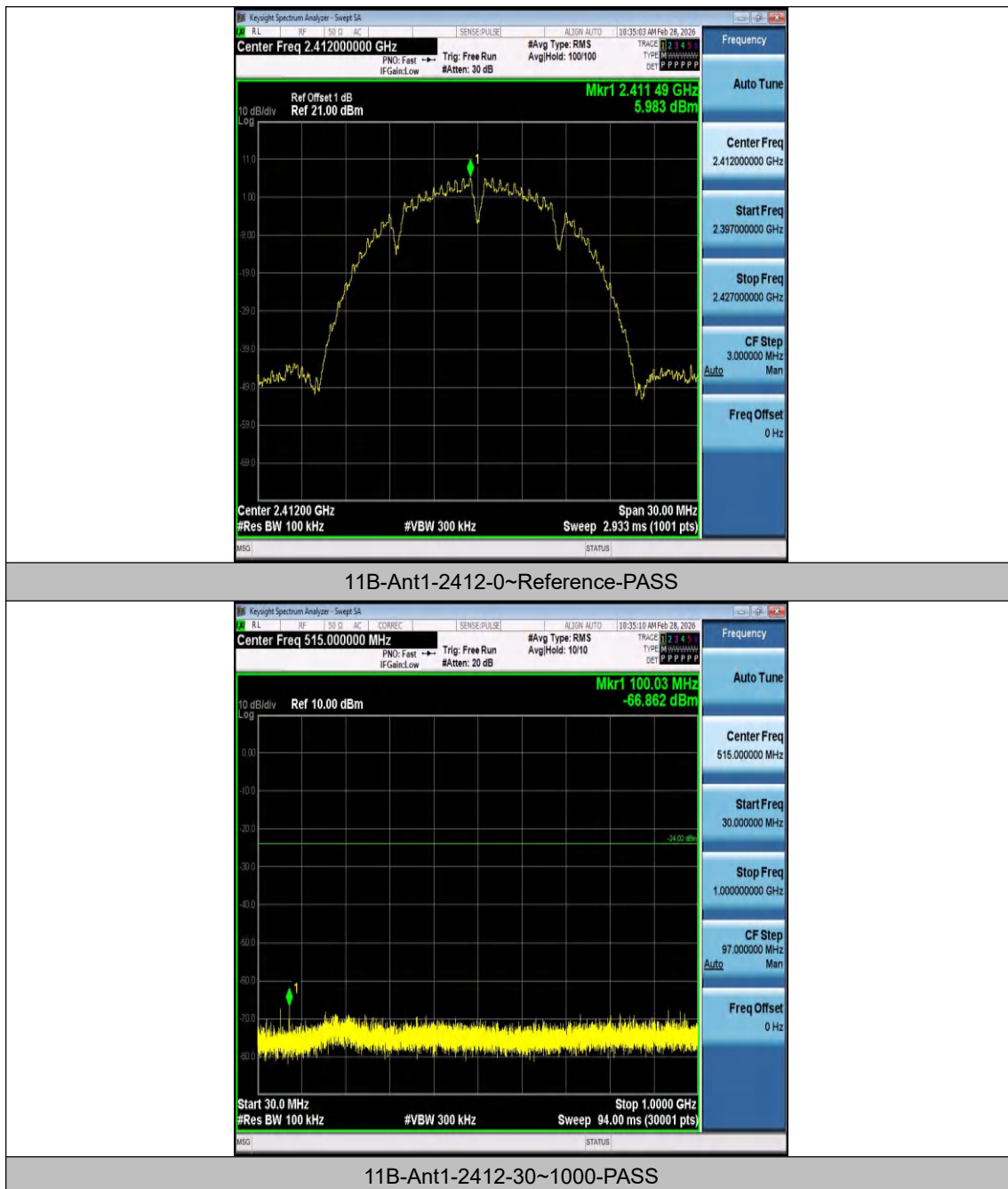
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	5.98	5.98	---	PASS
11B	Ant1	2412	30~1000	5.98	-66.86	≤-24.02	PASS
11B	Ant1	2412	1000~26500	5.98	-35.82	≤-24.02	PASS
11B	Ant1	2437	0~Reference	6.26	6.26	---	PASS
11B	Ant1	2437	30~1000	6.26	-66.39	≤-23.74	PASS
11B	Ant1	2437	1000~26500	6.26	-34.85	≤-23.74	PASS
11B	Ant1	2462	0~Reference	6.51	6.51	---	PASS
11B	Ant1	2462	30~1000	6.51	-66.79	≤-23.49	PASS
11B	Ant1	2462	1000~26500	6.51	-36.54	≤-23.49	PASS
11G	Ant1	2412	0~Reference	0.24	0.24	---	PASS
11G	Ant1	2412	30~1000	0.24	-65.44	≤-29.76	PASS
11G	Ant1	2412	1000~26500	0.24	-35.9	≤-29.76	PASS
11G	Ant1	2437	0~Reference	0.38	0.38	---	PASS
11G	Ant1	2437	30~1000	0.38	-65.62	≤-29.62	PASS
11G	Ant1	2437	1000~26500	0.38	-35.68	≤-29.62	PASS
11G	Ant1	2462	0~Reference	0.66	0.66	---	PASS
11G	Ant1	2462	30~1000	0.66	-65.62	≤-29.34	PASS
11G	Ant1	2462	1000~26500	0.66	-35.59	≤-29.34	PASS
11N20SISO	Ant1	2412	0~Reference	1.57	1.57	---	PASS
11N20SISO	Ant1	2412	30~1000	1.57	-65.27	≤-28.43	PASS
11N20SISO	Ant1	2412	1000~26500	1.57	-36.37	≤-28.43	PASS
11N20SISO	Ant1	2437	0~Reference	0.27	0.27	---	PASS
11N20SISO	Ant1	2437	30~1000	0.27	-65.2	≤-29.73	PASS
11N20SISO	Ant1	2437	1000~26500	0.27	-34.6	≤-29.73	PASS
11N20SISO	Ant1	2462	0~Reference	0.57	0.57	---	PASS
11N20SISO	Ant1	2462	30~1000	0.57	-65.09	≤-29.43	PASS
11N20SISO	Ant1	2462	1000~26500	0.57	-36.55	≤-29.43	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.

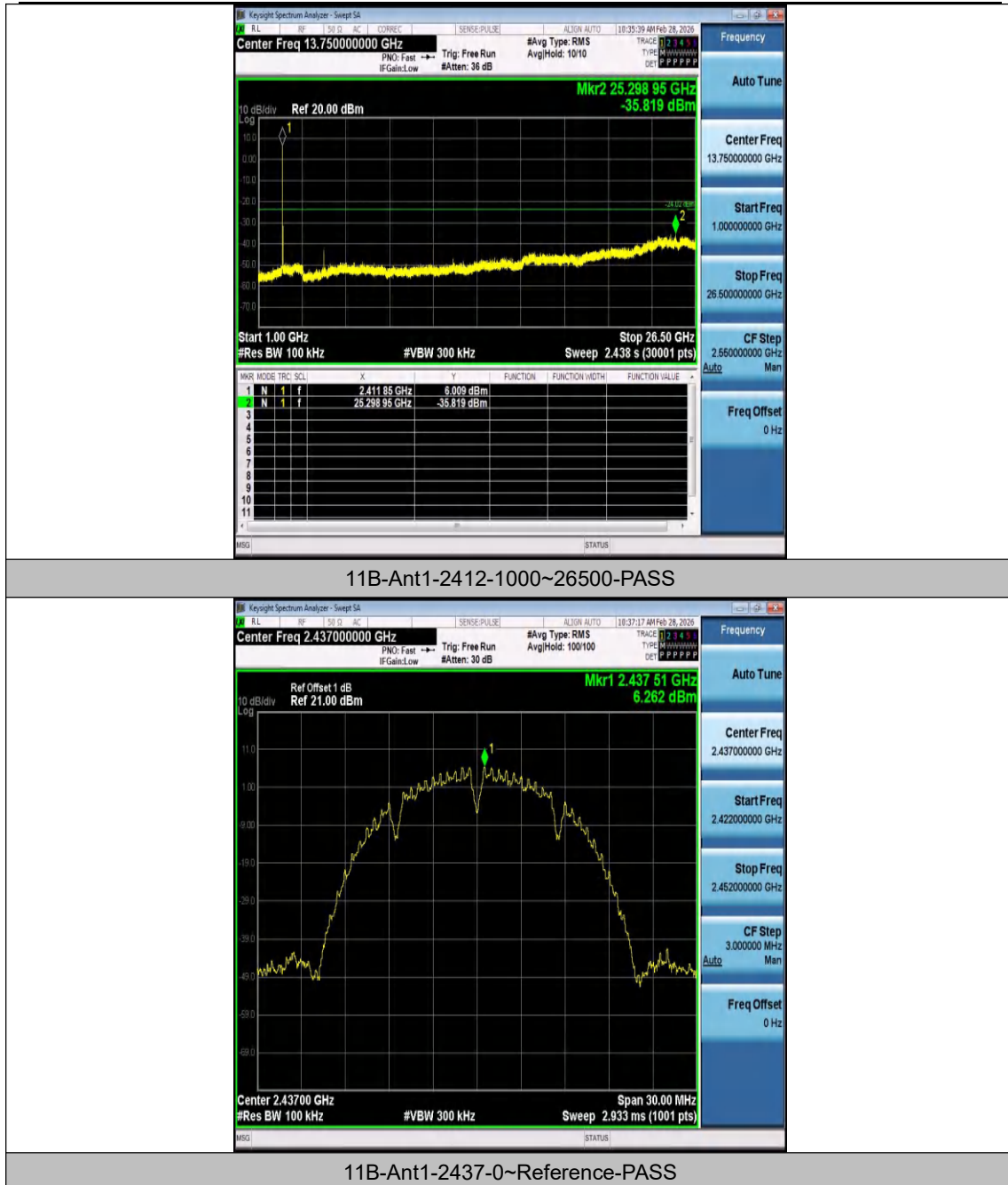
Test Graphs



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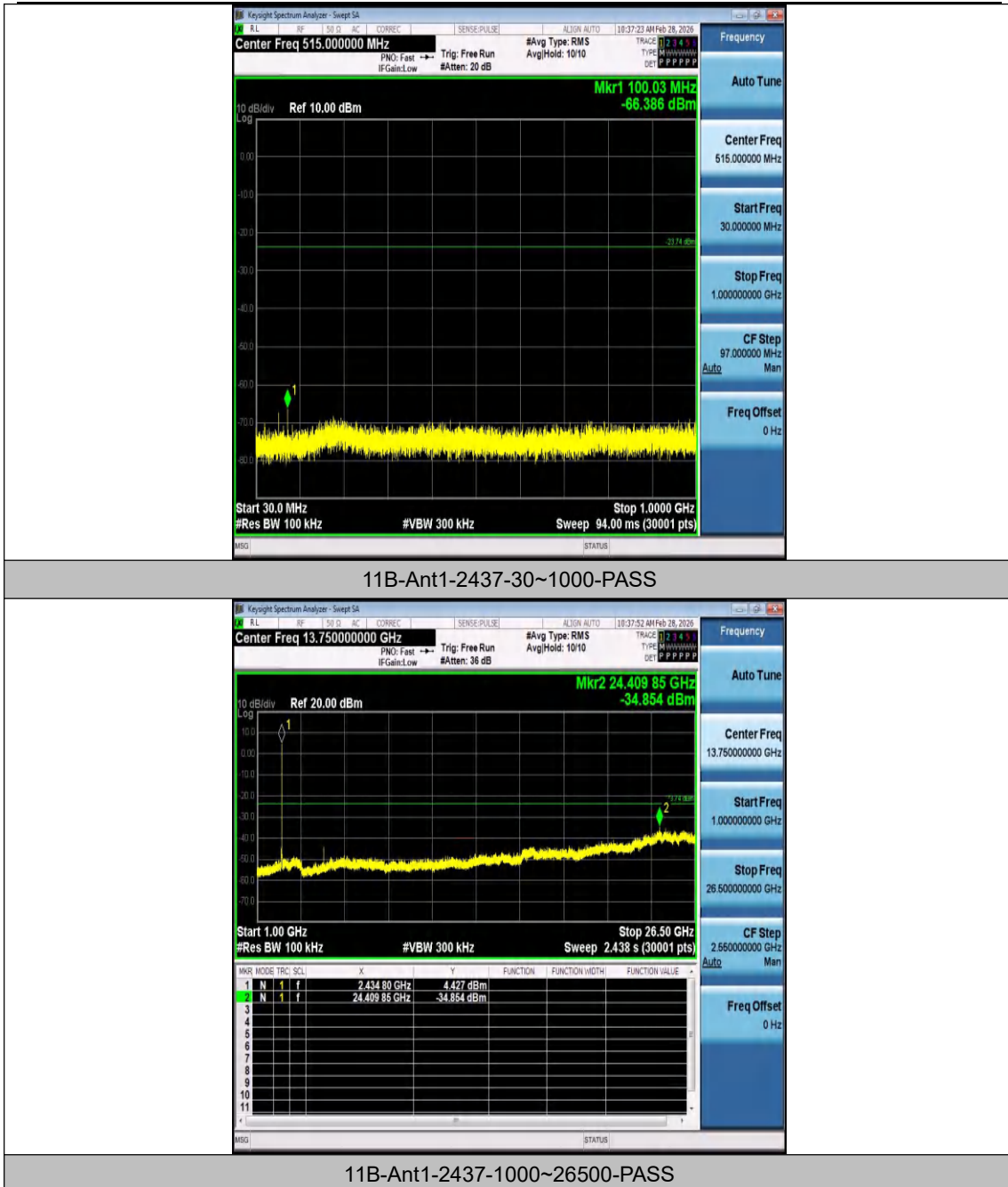
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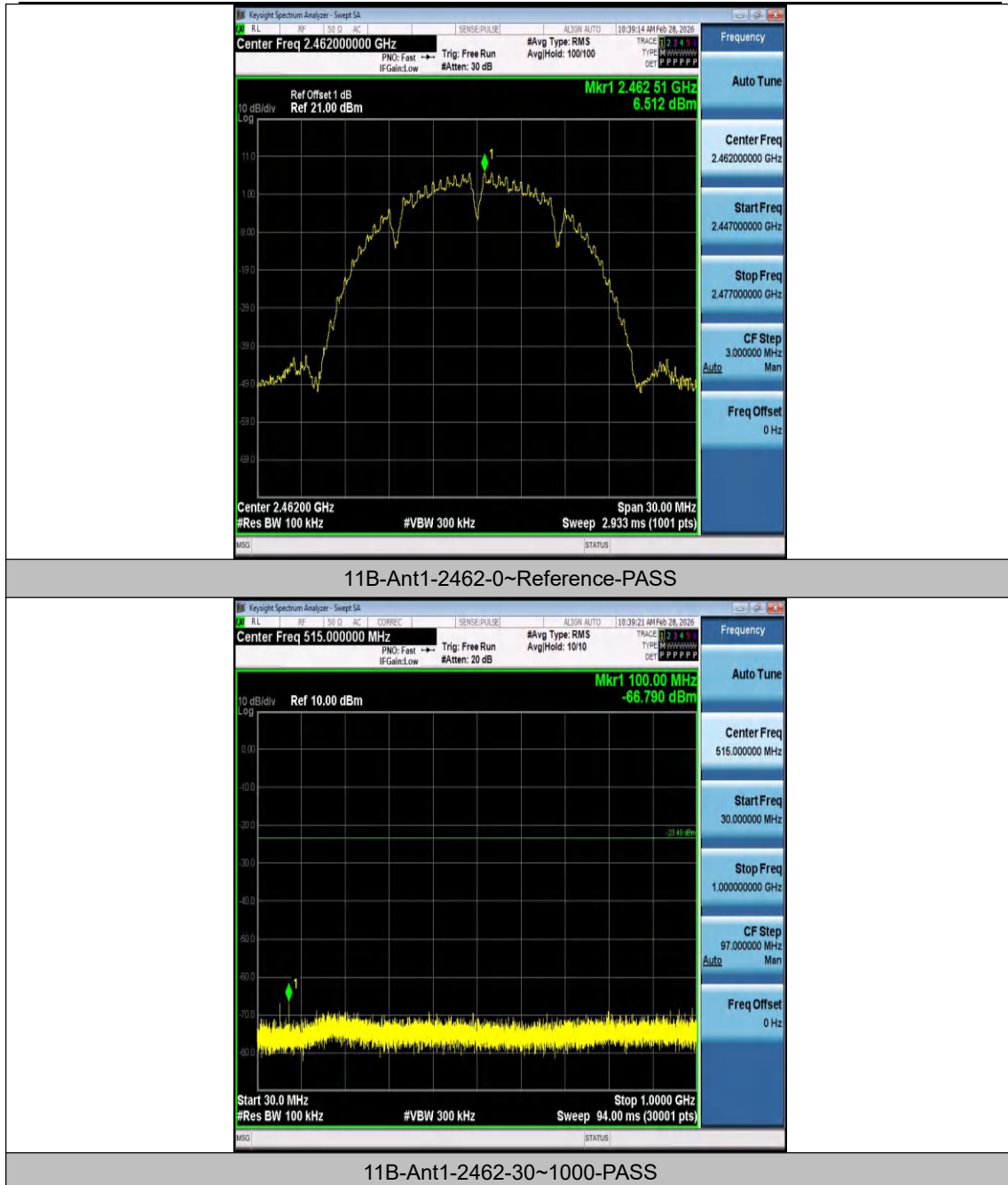


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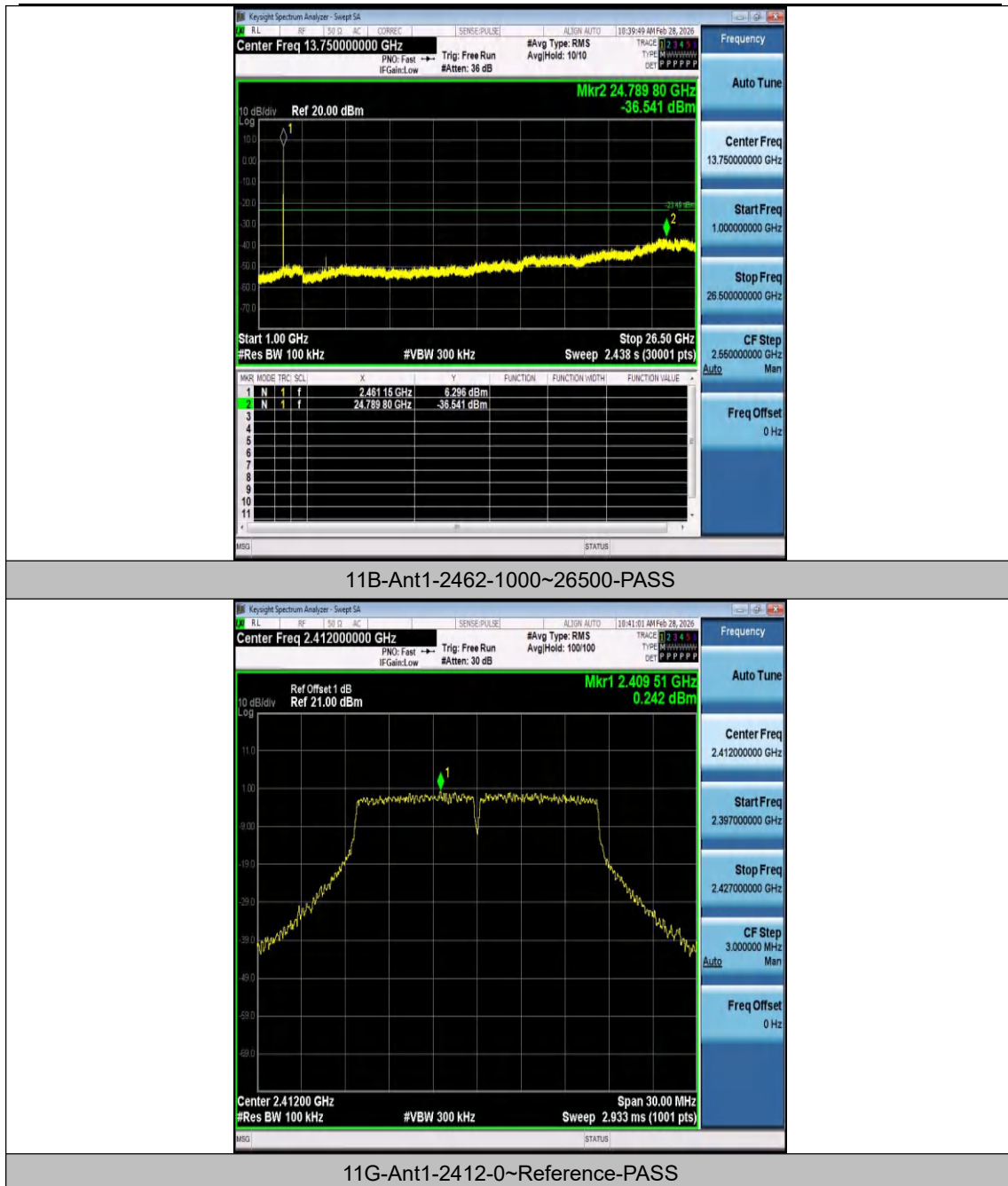




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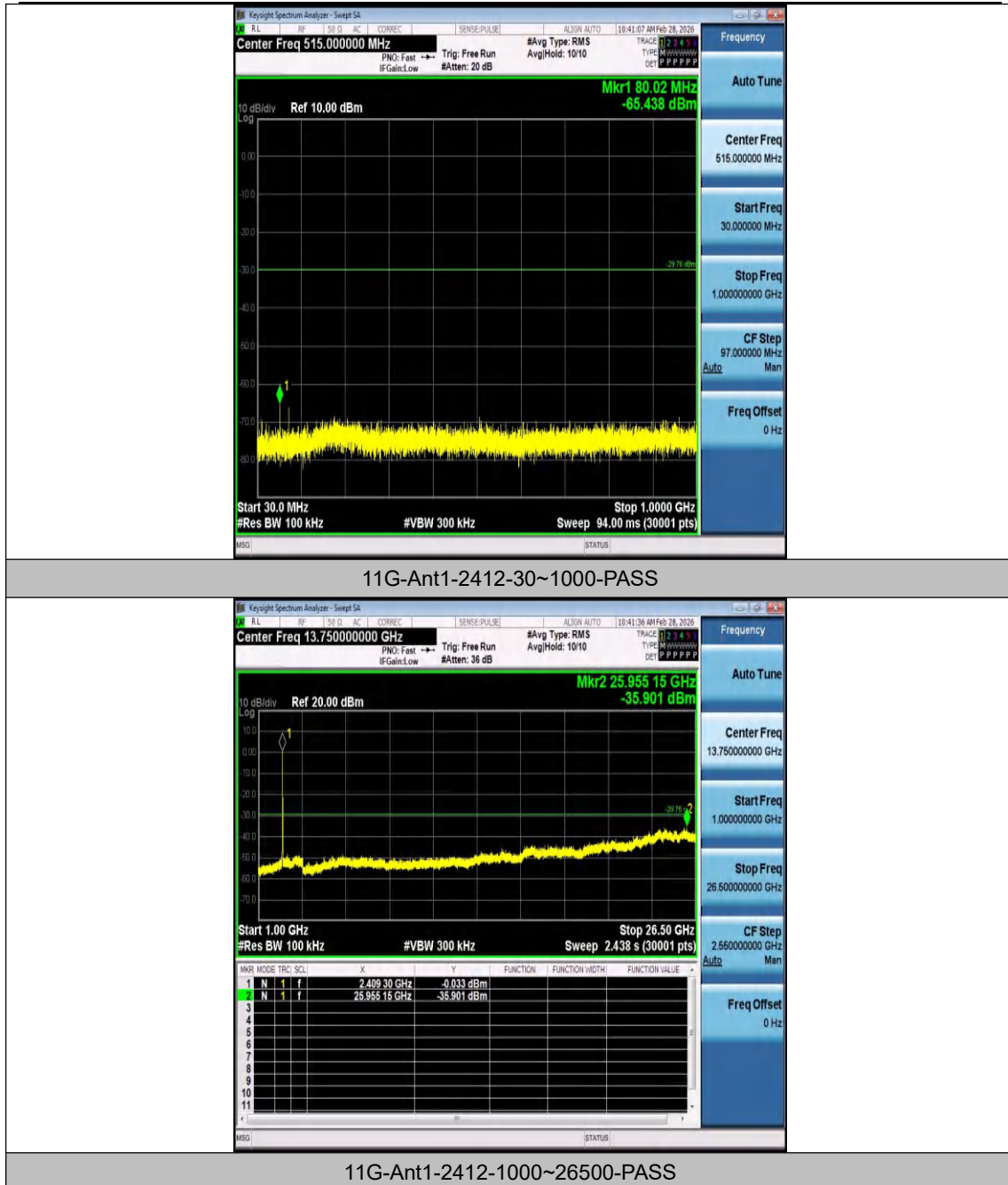
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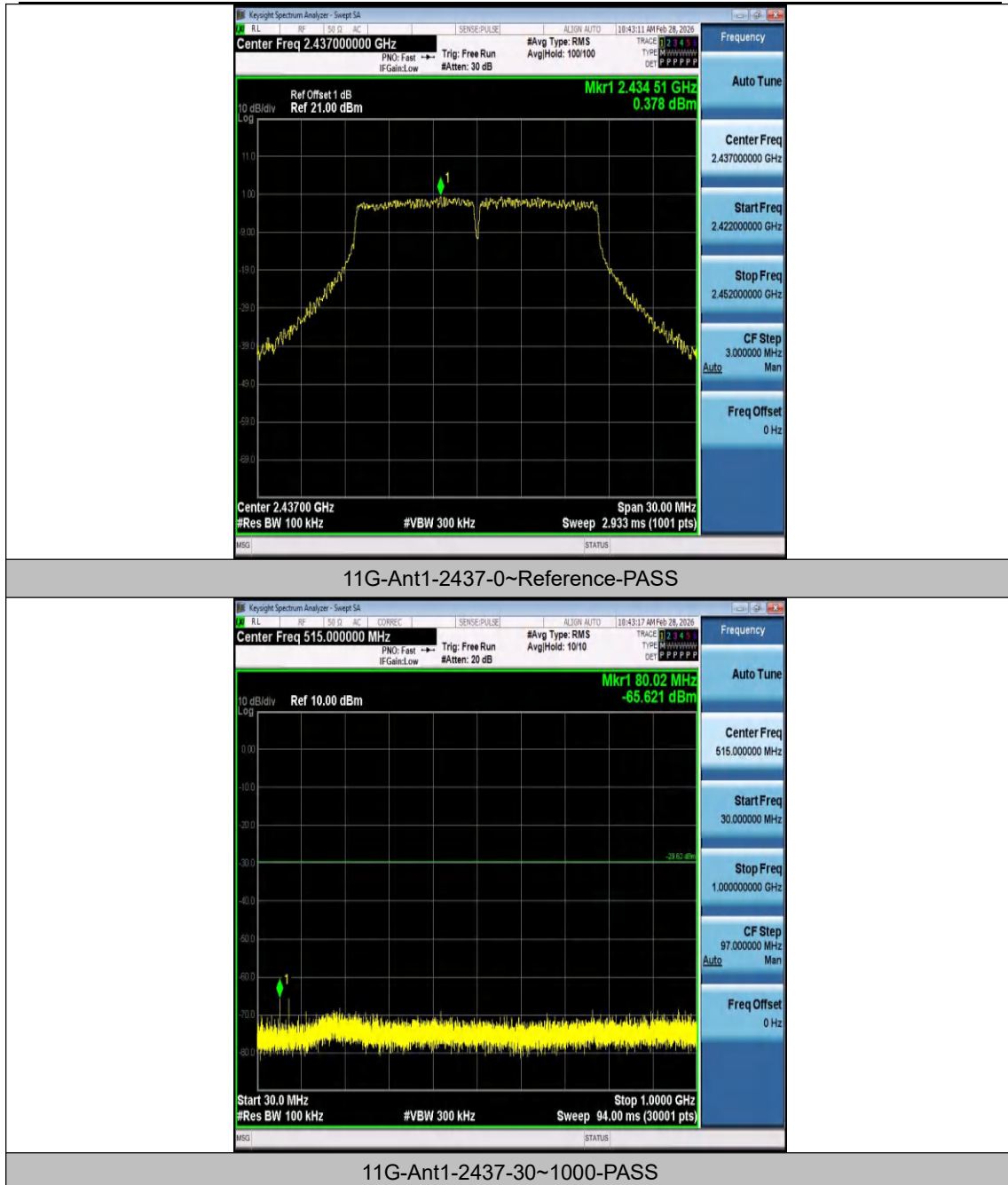


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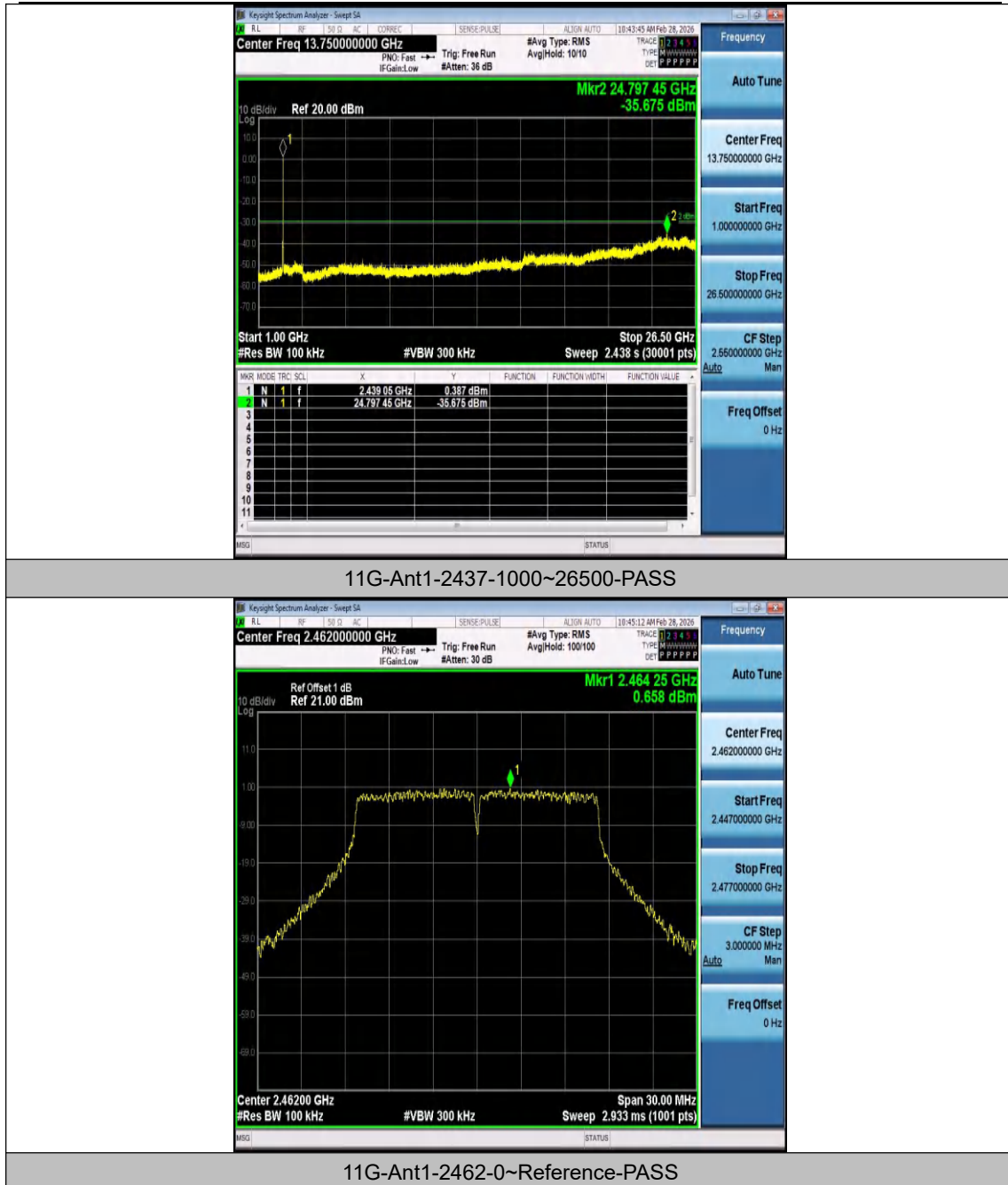




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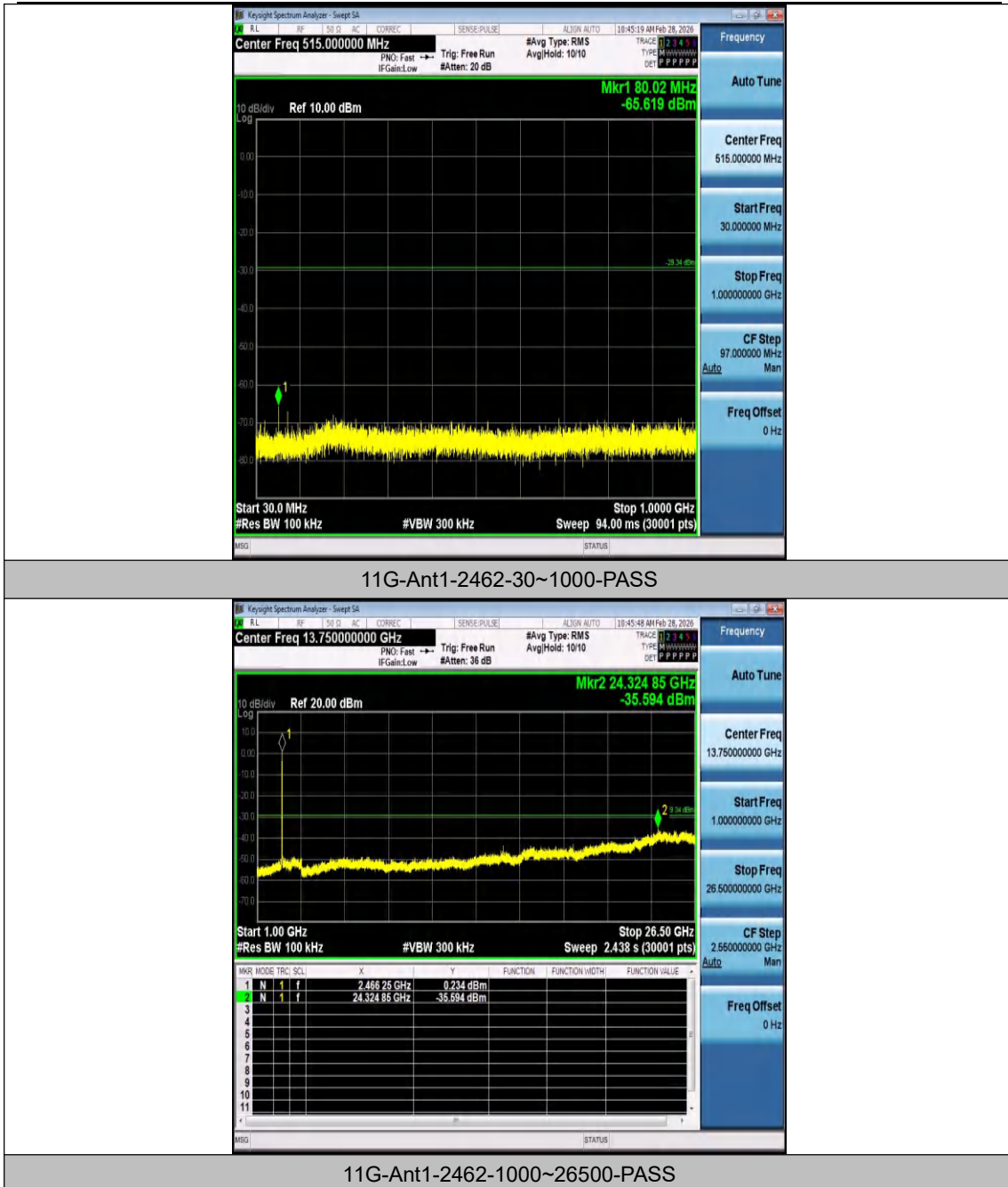
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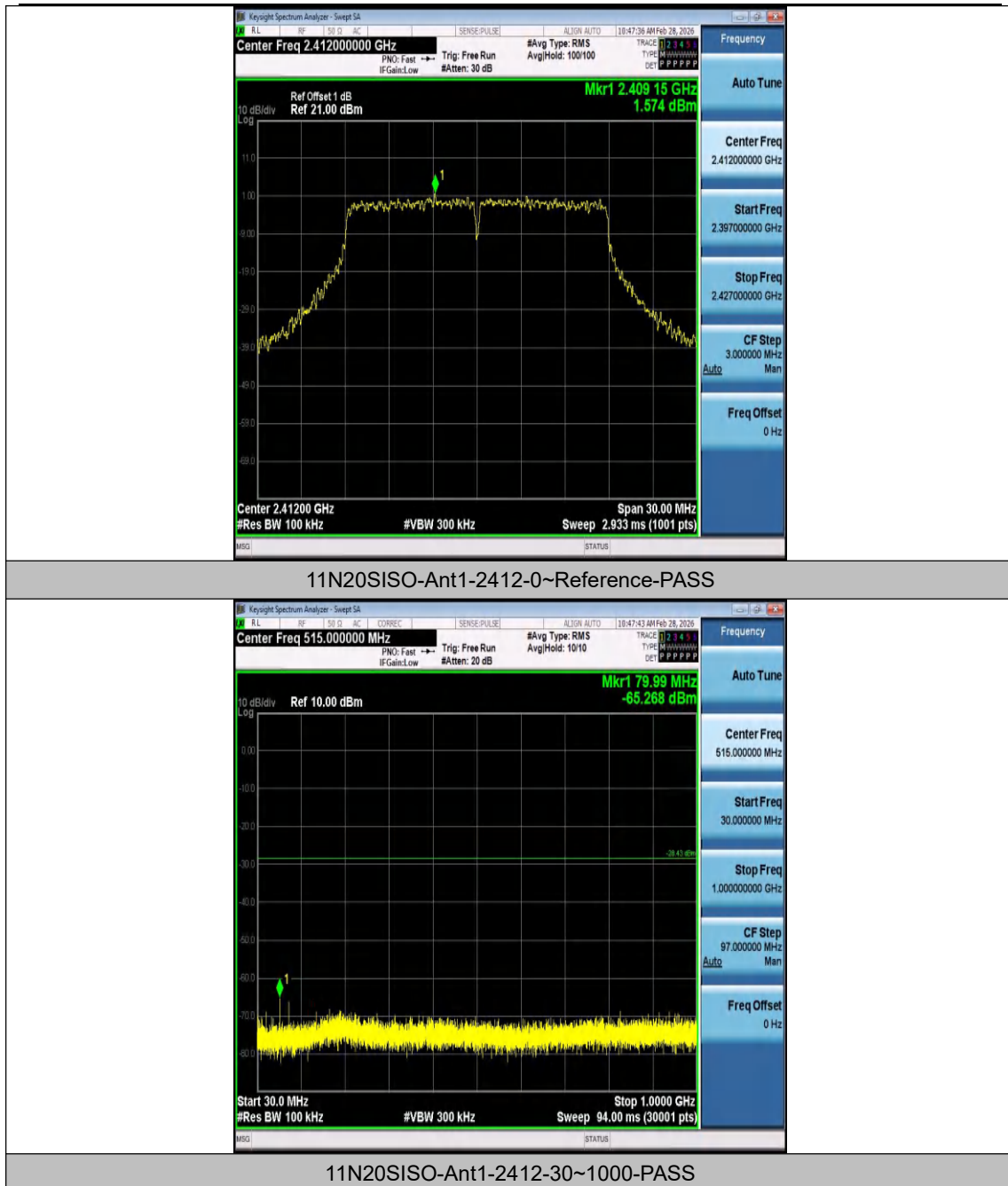
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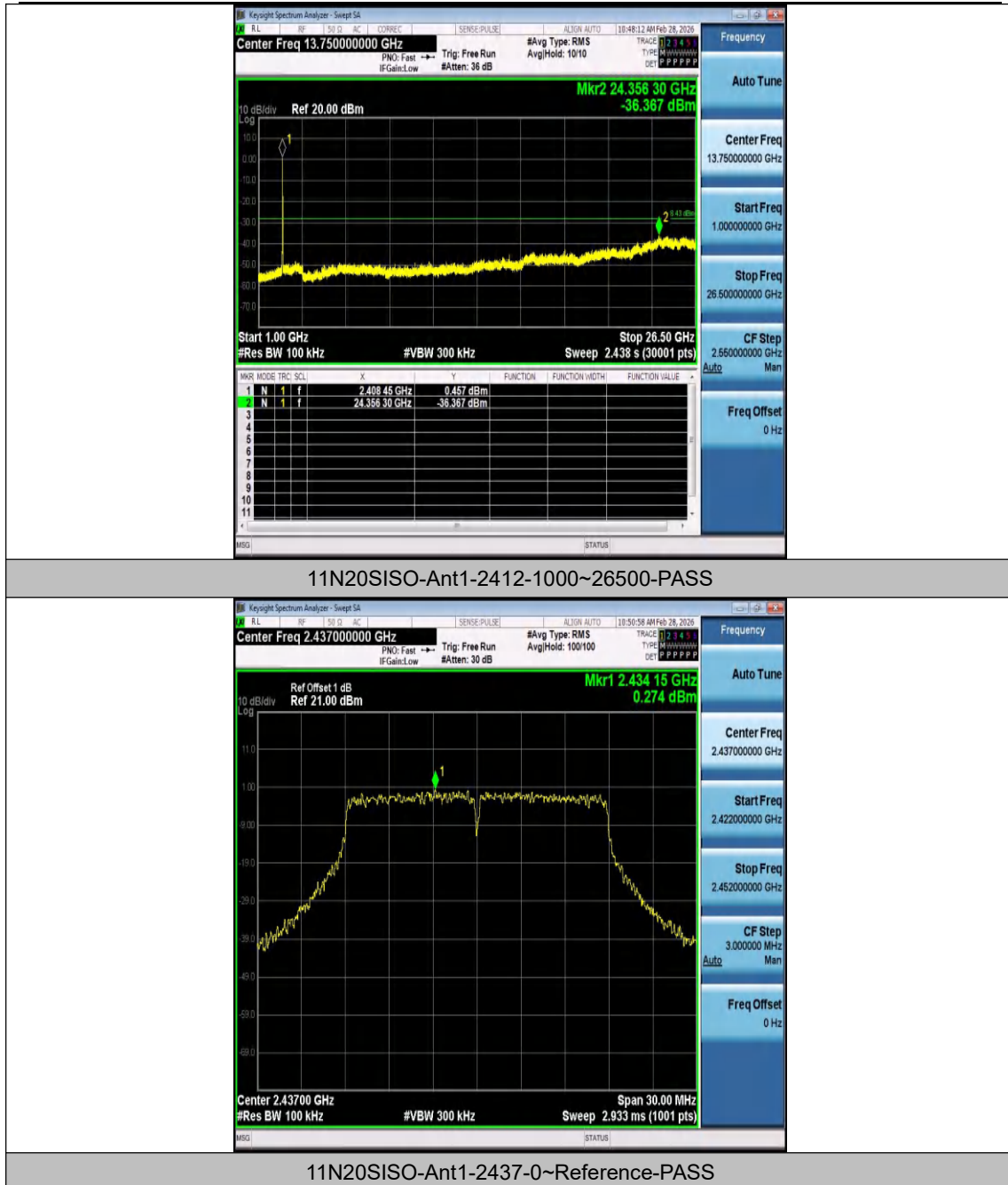
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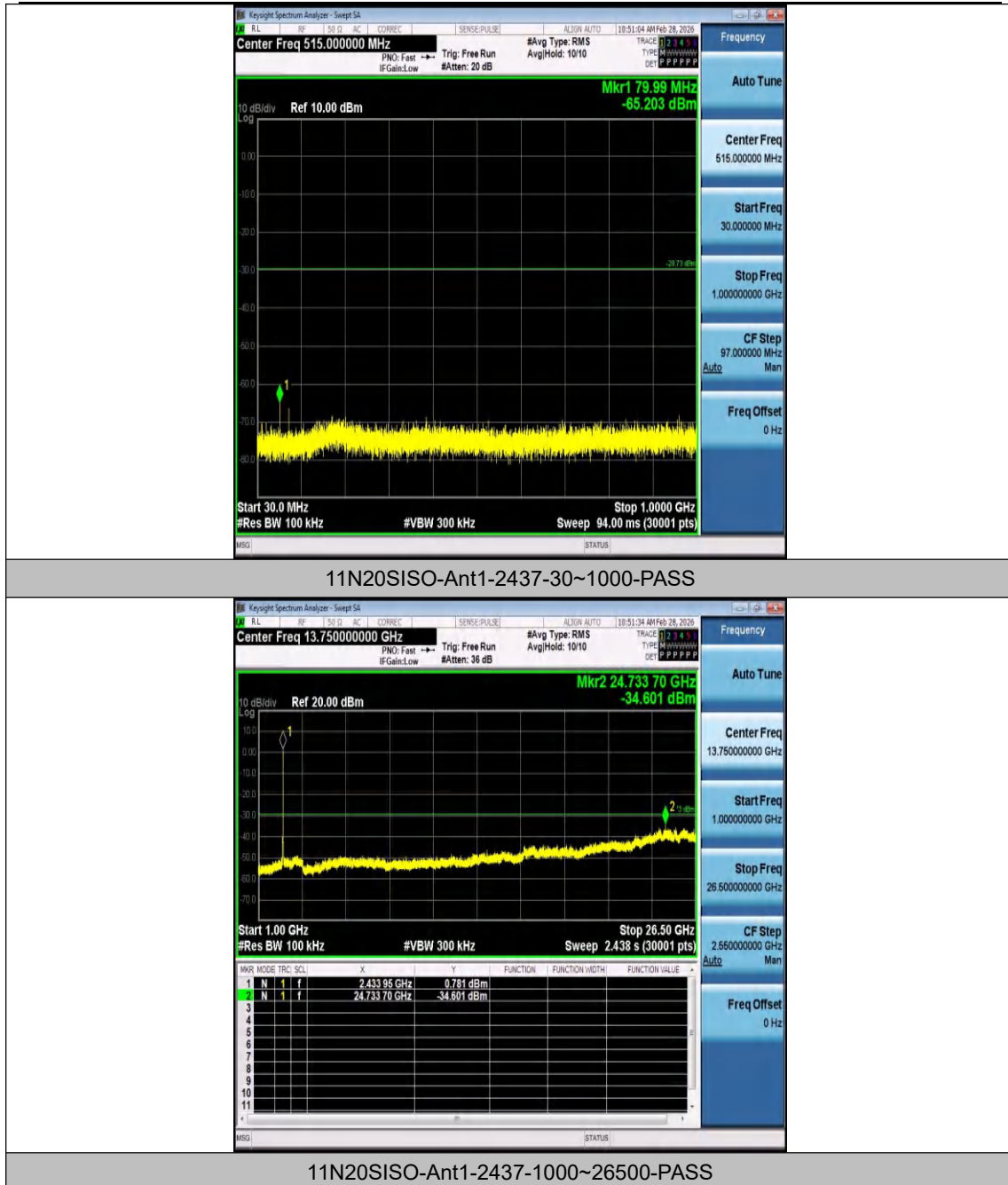
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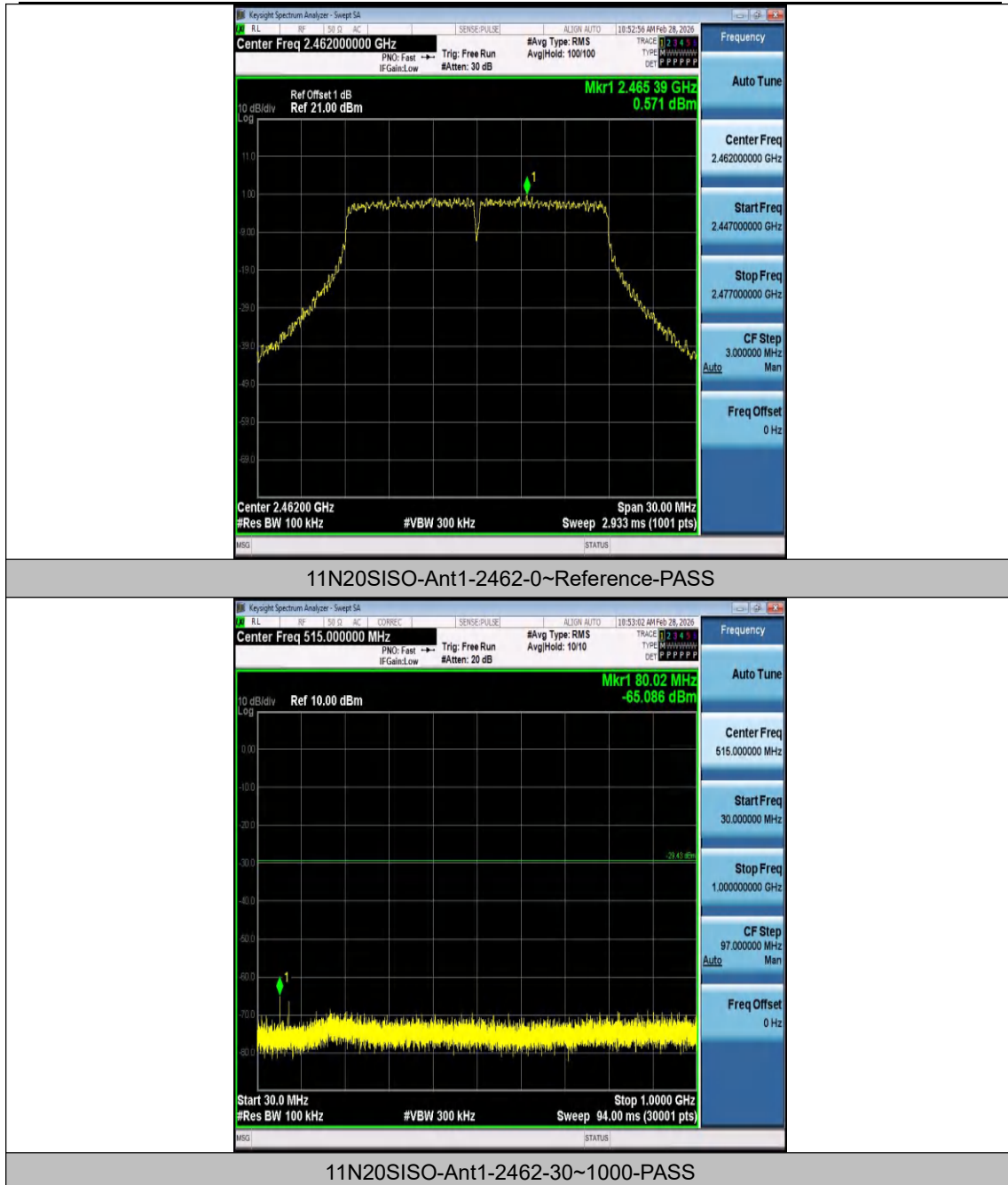
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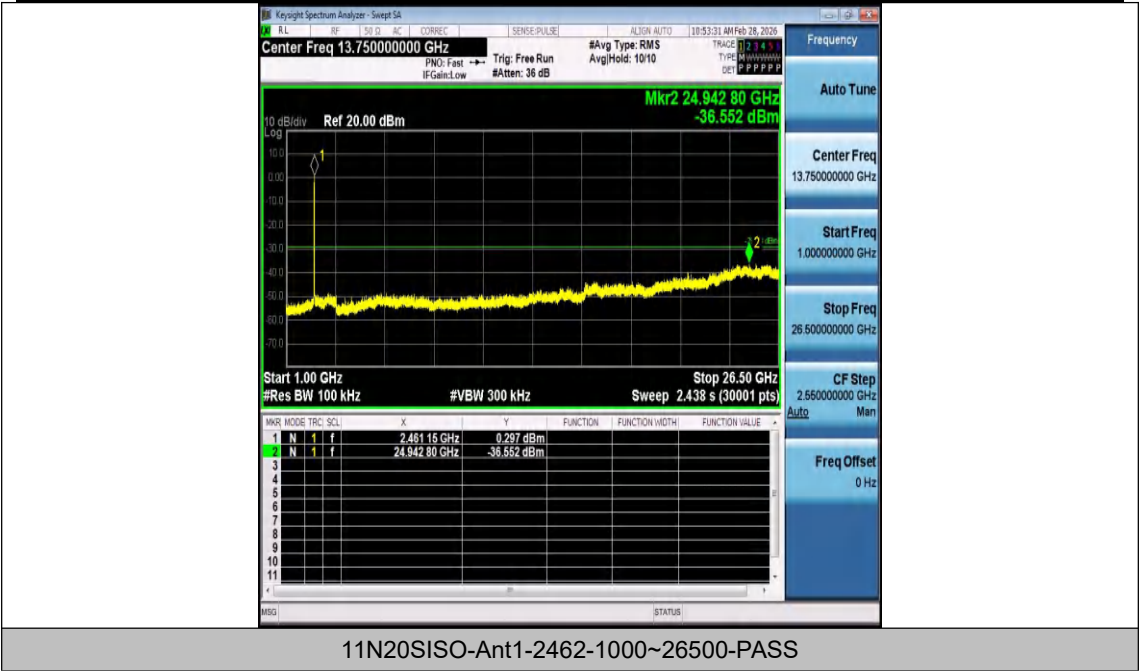
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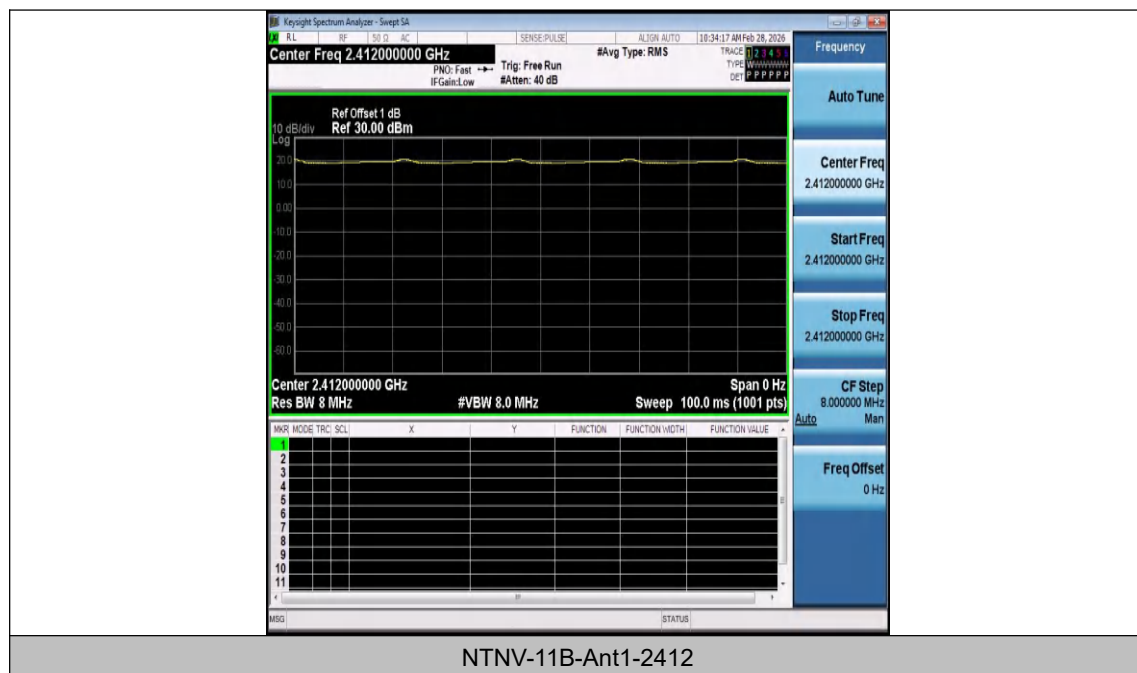
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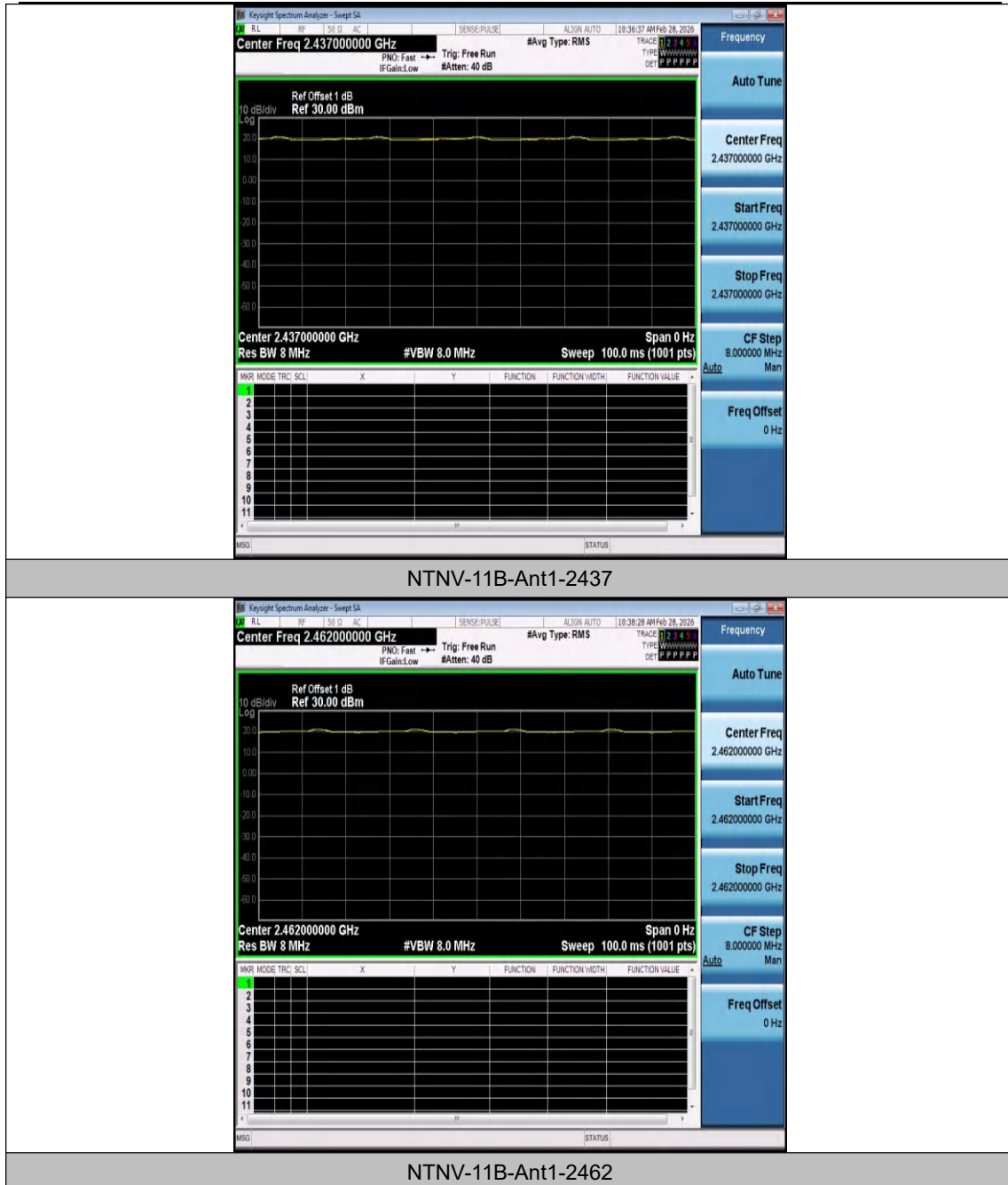
Appendix G: Duty Cycle

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

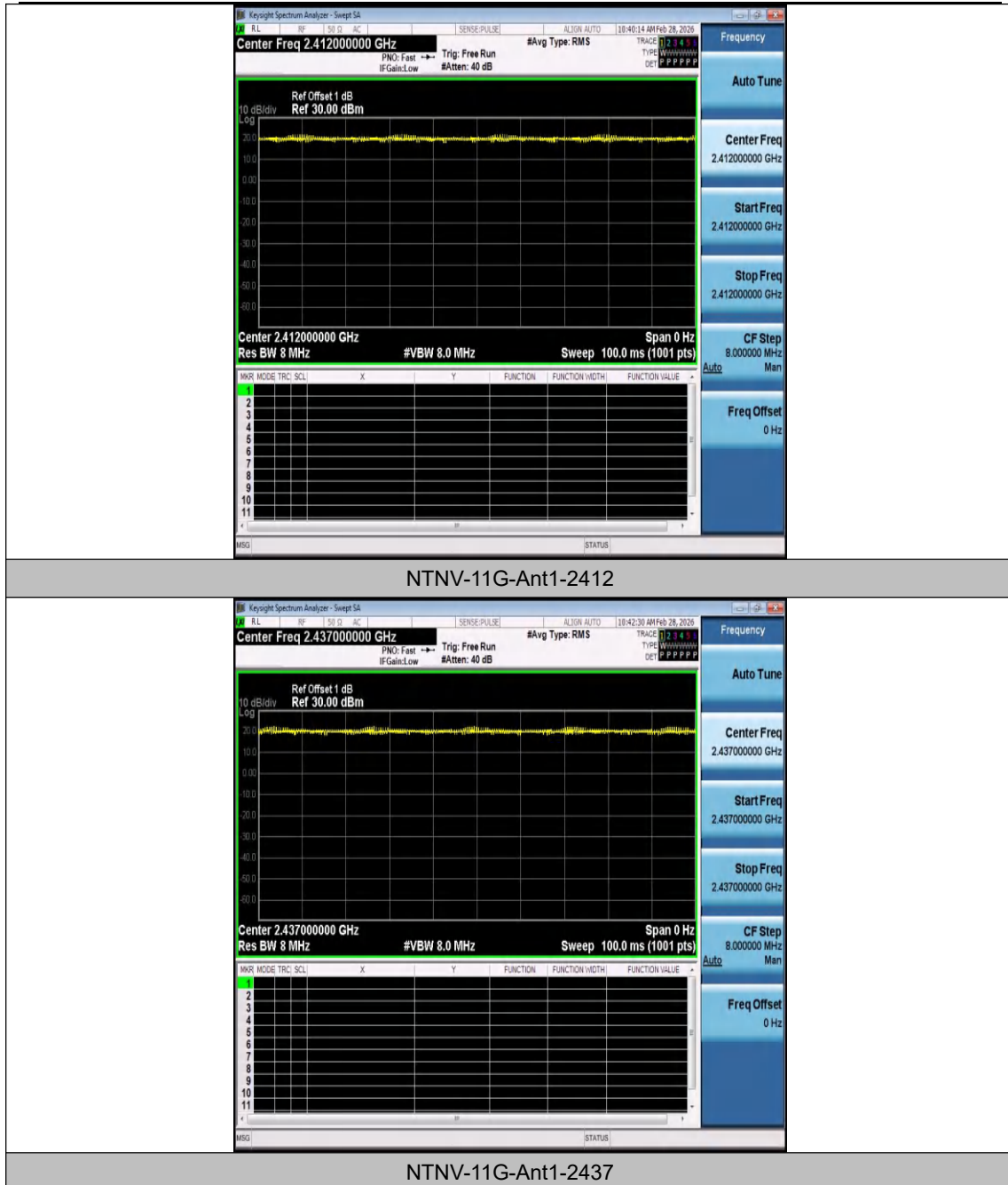




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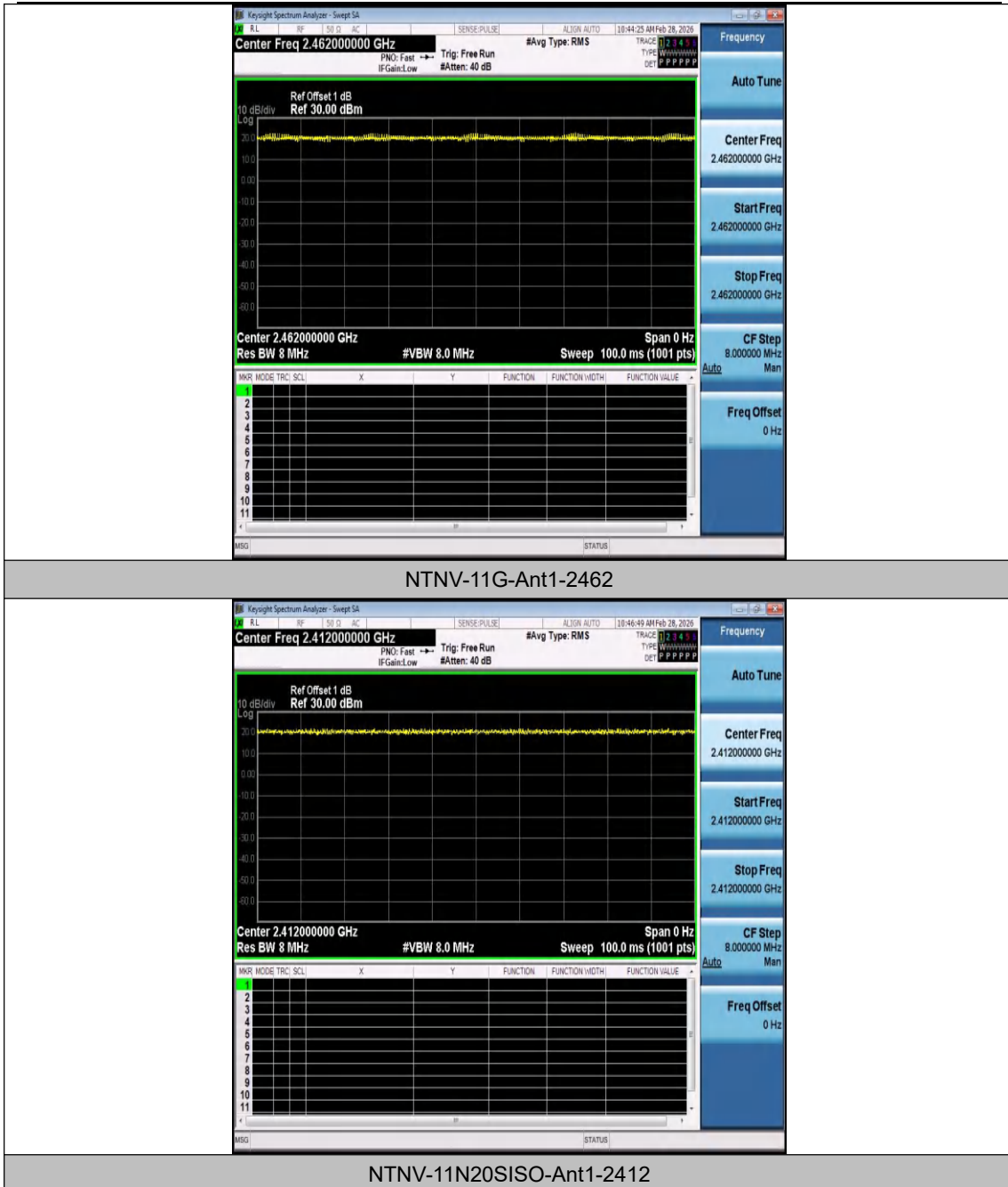
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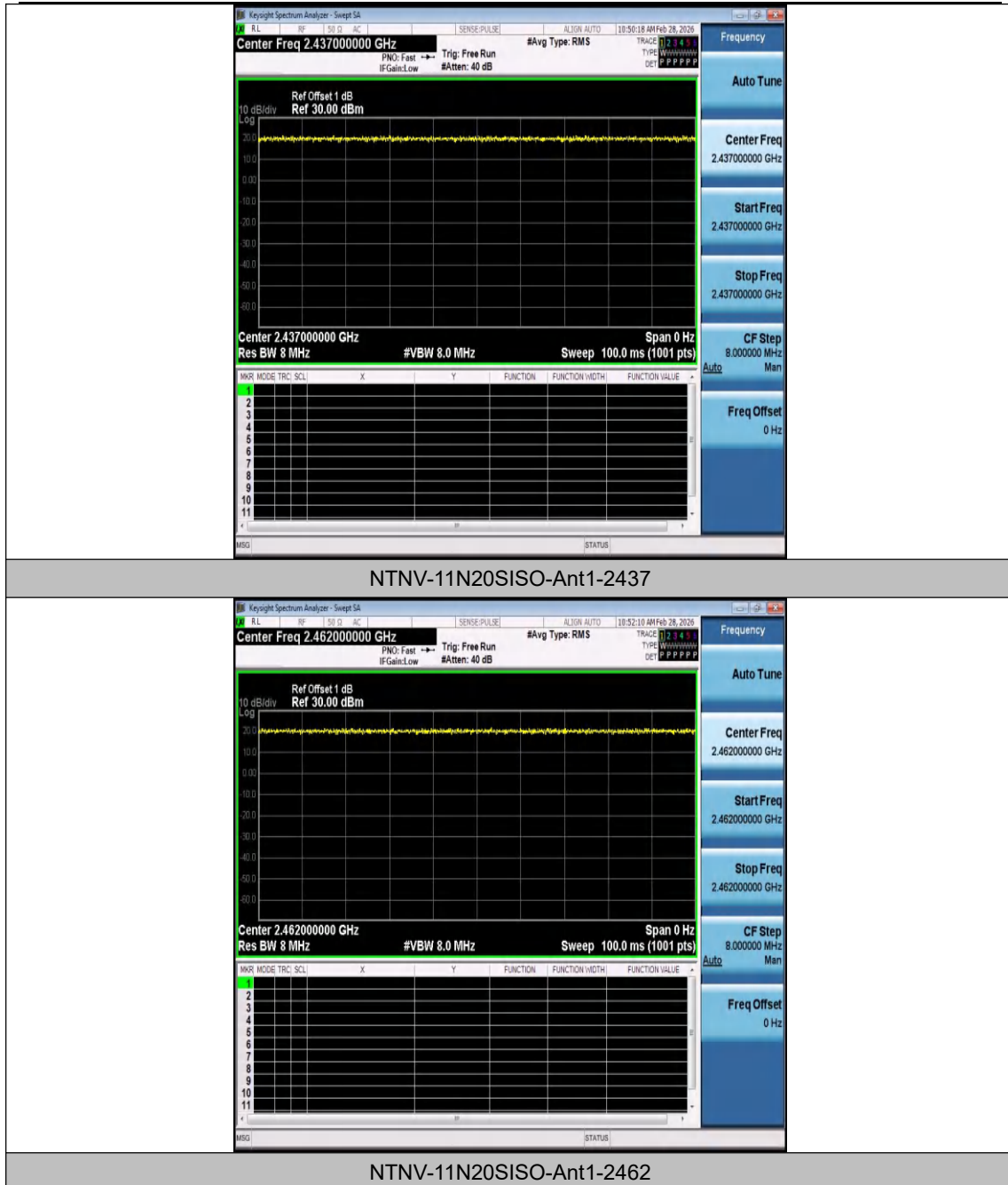
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