

Appendix Test Data

Report No.:	1812C60408212501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-7-21	Finish Test Date:	2026-7-22
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	21.5°C	Relative Humidity:	73%
Pressure:	100.3kPa		

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	9.080	2457.480	2466.560	0.5	PASS
11G	Ant1	2412	14.120	2404.840	2418.960	0.5	PASS
11G	Ant1	2437	14.040	2429.880	2443.920	0.5	PASS
11G	Ant1	2462	14.120	2454.840	2468.960	0.5	PASS

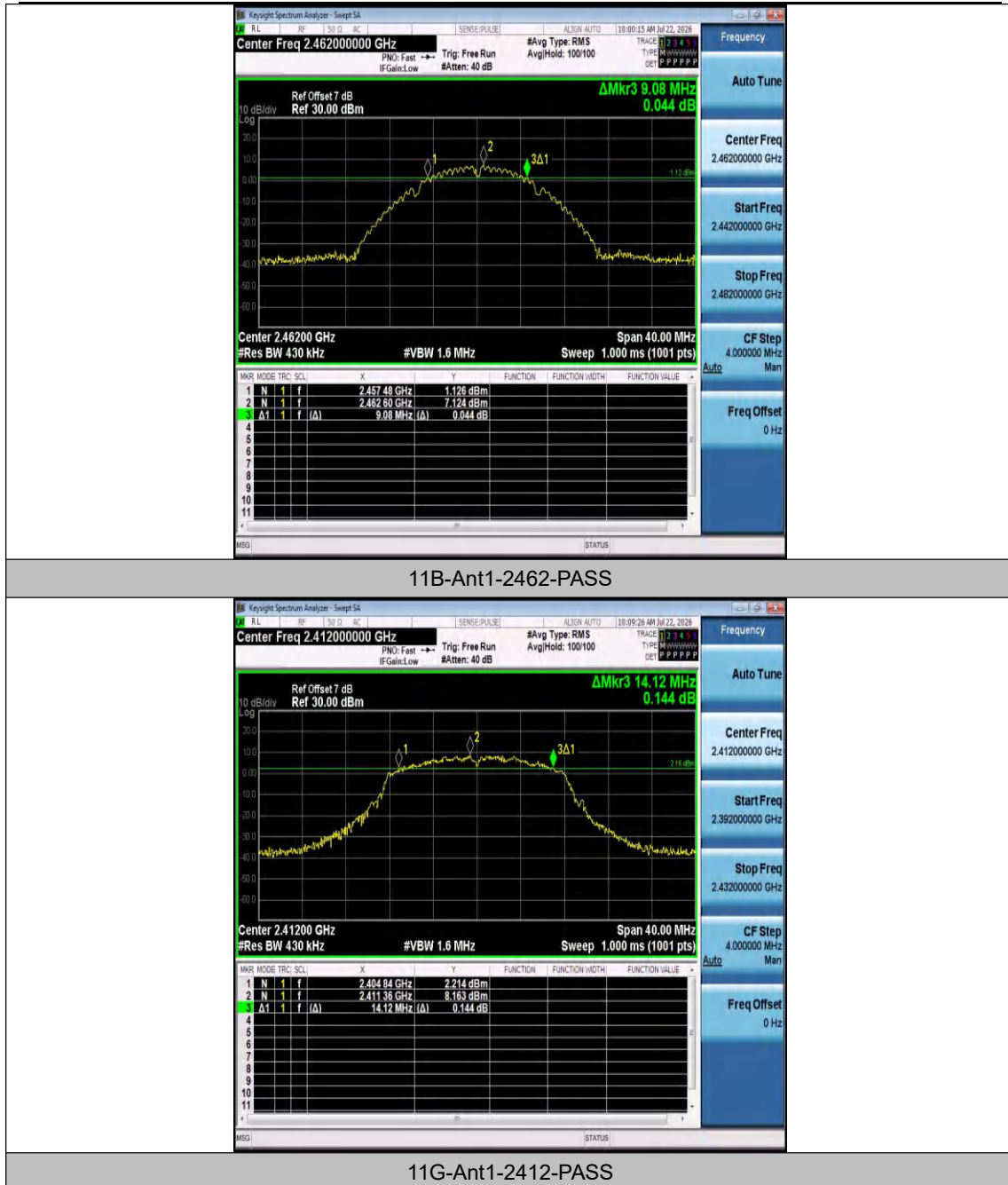
Test Graphs



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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	13.843	2405.1098	2418.9528	---	---
11B	Ant1	2437	13.847	2430.1023	2443.9493	---	---
11B	Ant1	2462	13.880	2455.0881	2468.9681	---	---
11G	Ant1	2412	16.214	2403.8857	2420.0997	---	---
11G	Ant1	2437	16.280	2428.8558	2445.1358	---	---
11G	Ant1	2462	16.221	2453.8622	2470.0832	---	---

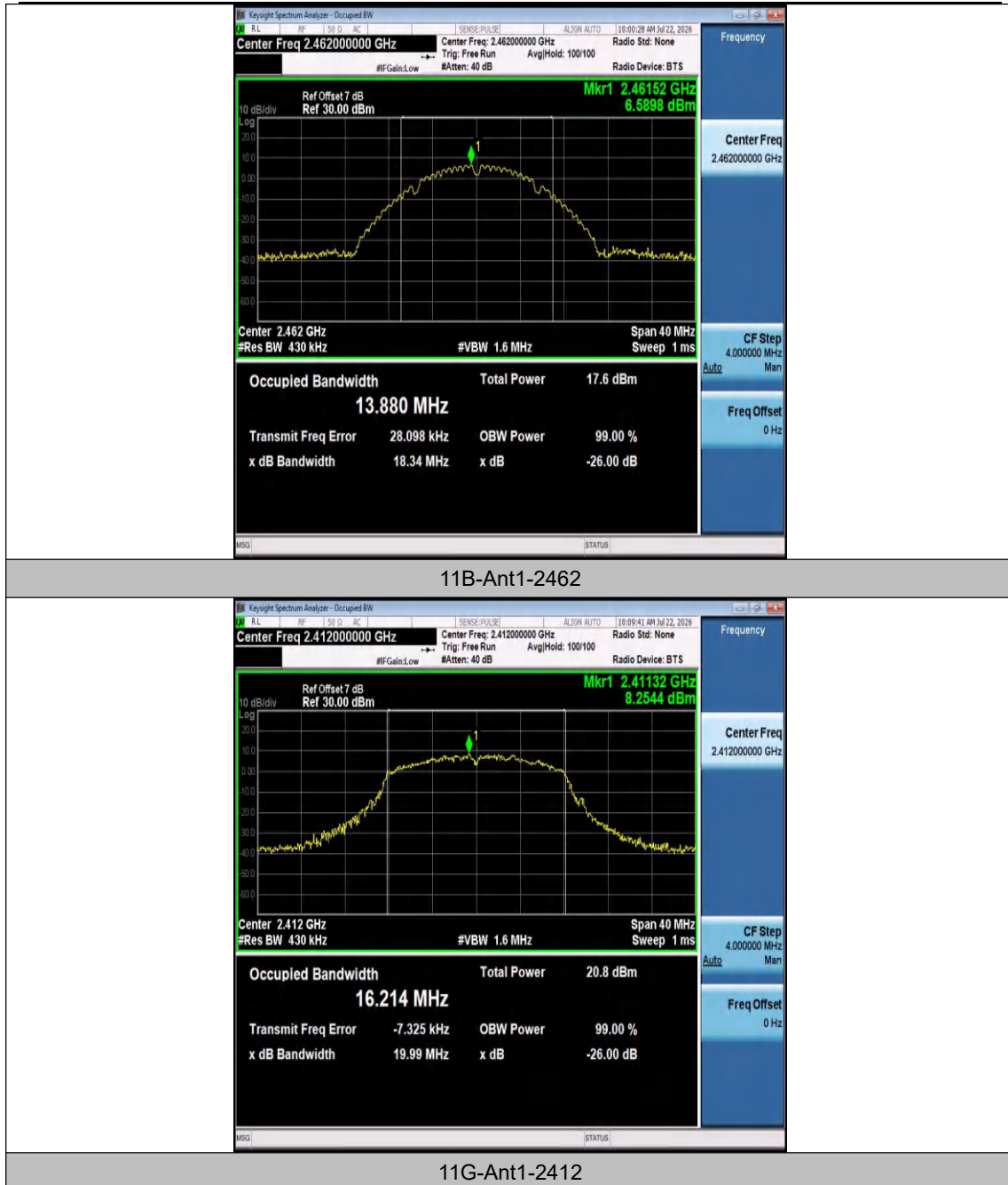
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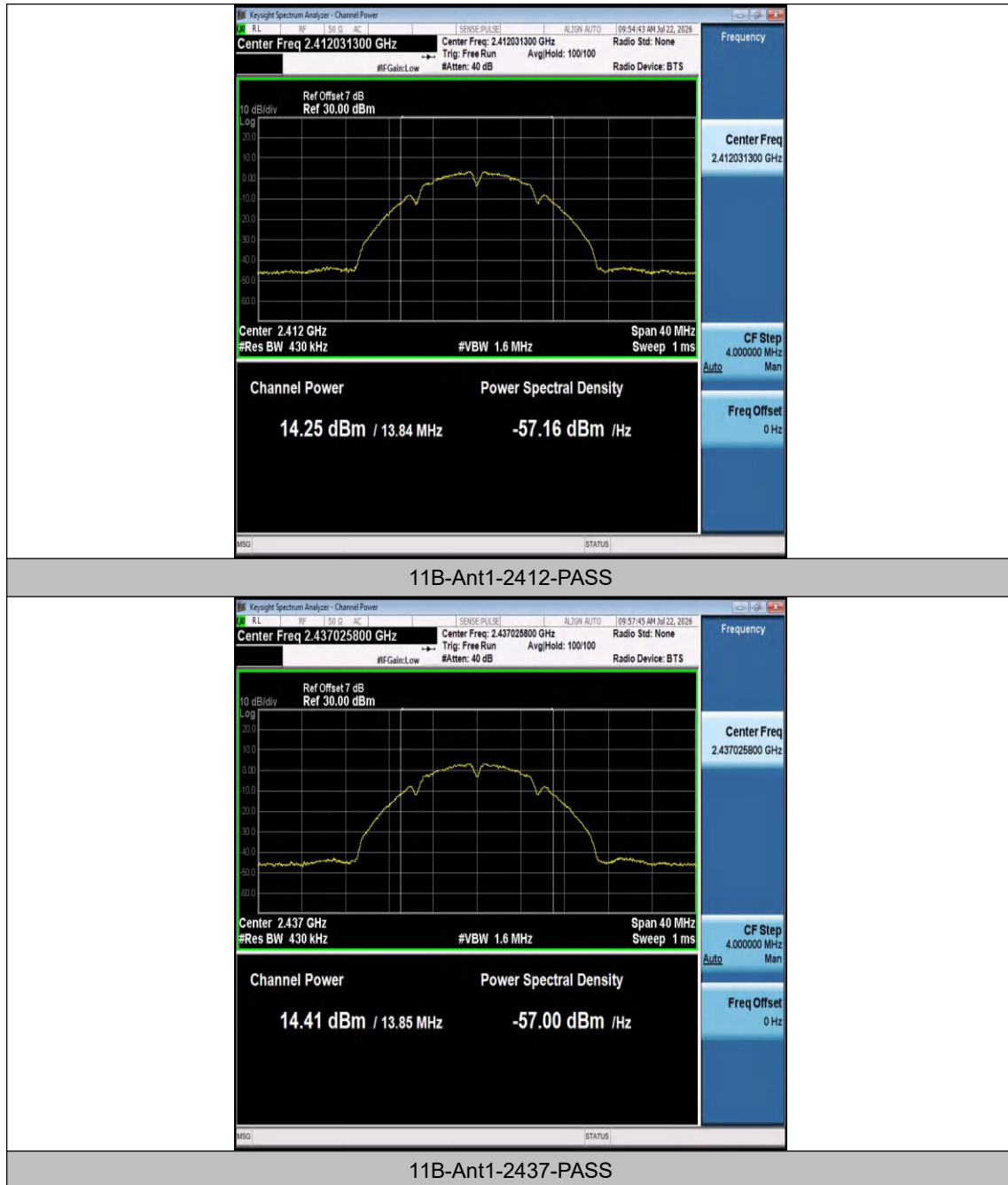
Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	14.25	≤30.00	PASS
11B	Ant1	2437	14.41	≤30.00	PASS
11B	Ant1	2462	14.62	≤30.00	PASS
11G	Ant1	2412	14.13	≤30.00	PASS
11G	Ant1	2437	14.14	≤30.00	PASS
11G	Ant1	2462	14.37	≤30.00	PASS

Note: The cable loss are compensated in the graph.

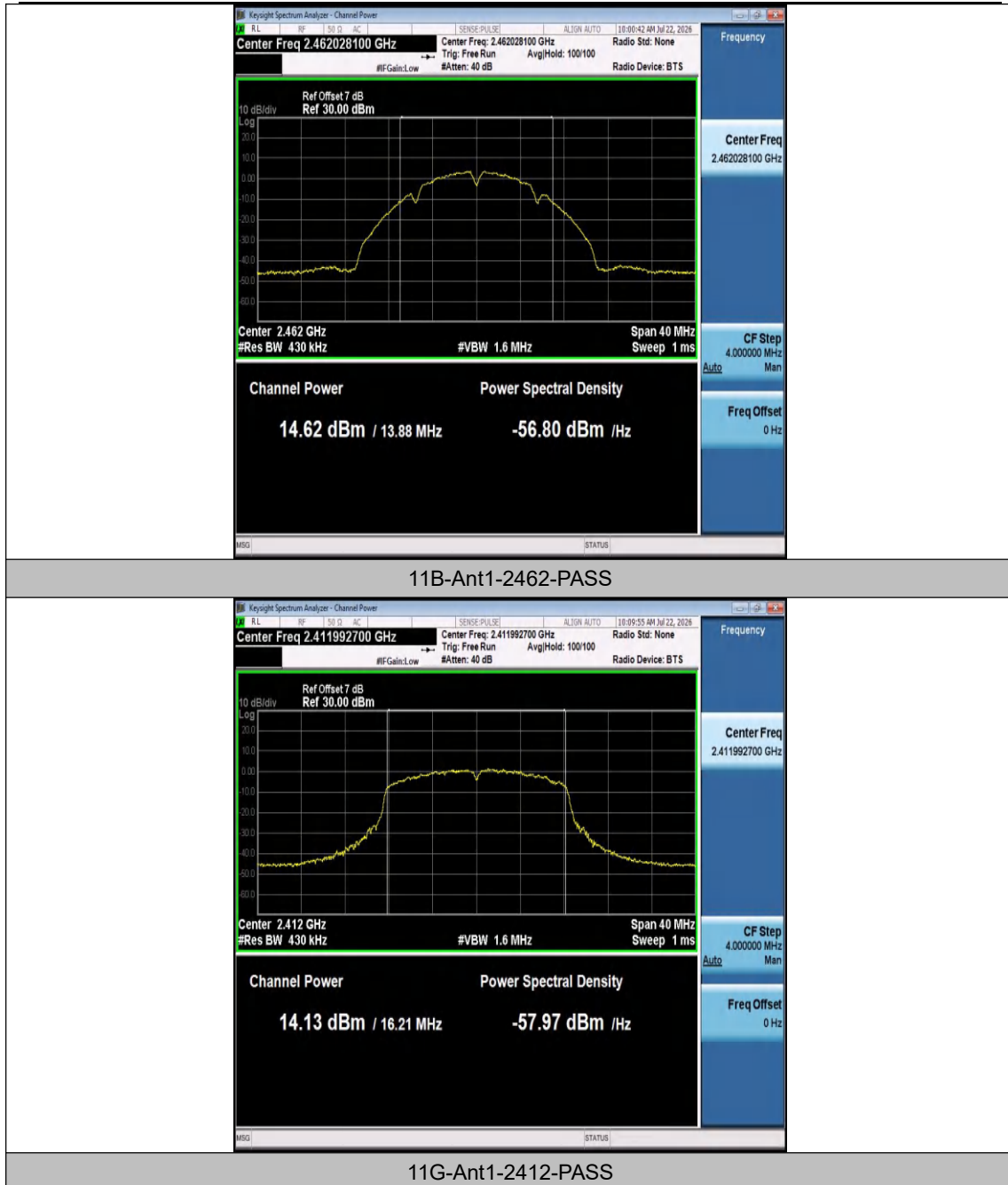
Test Graphs Average



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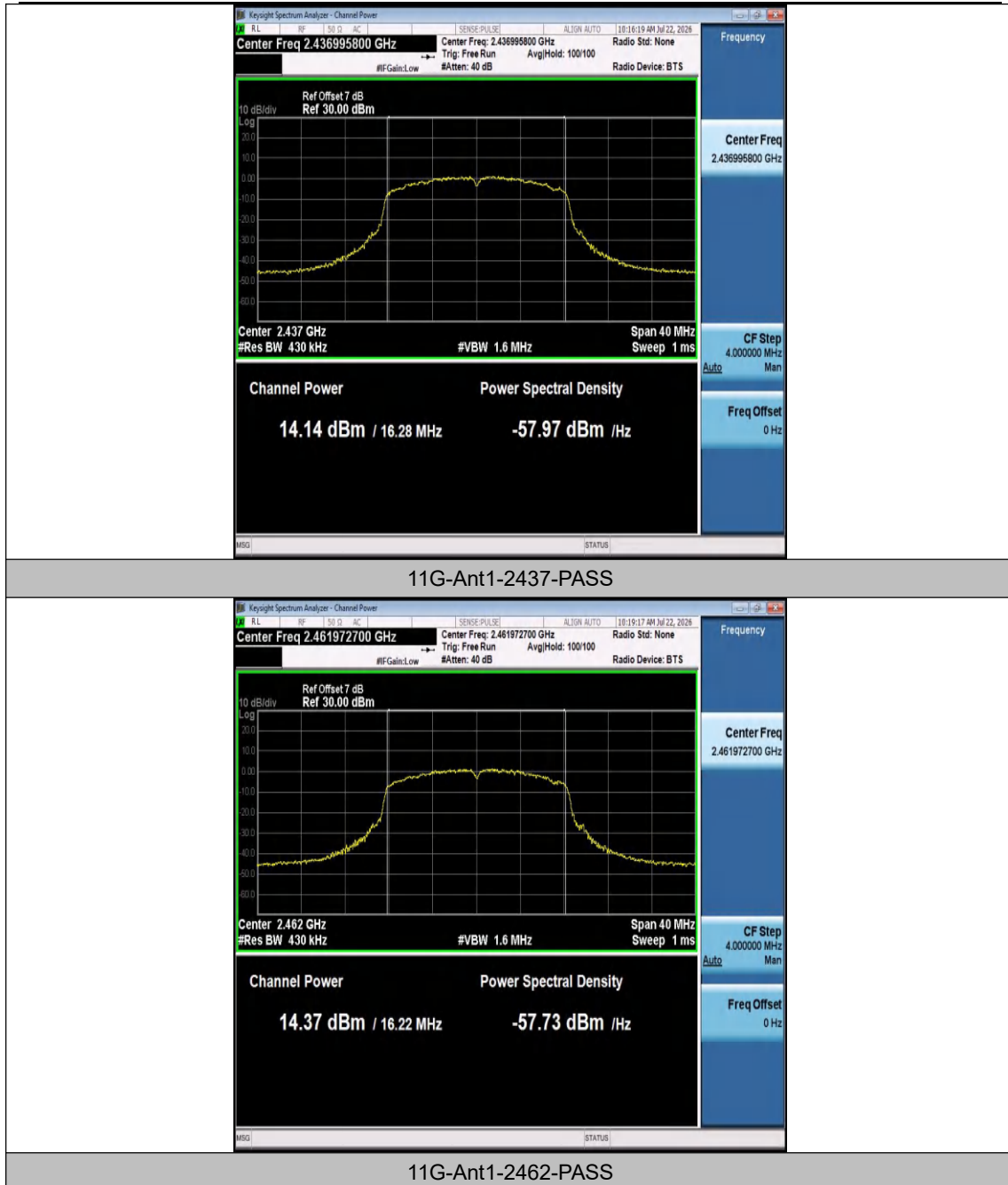
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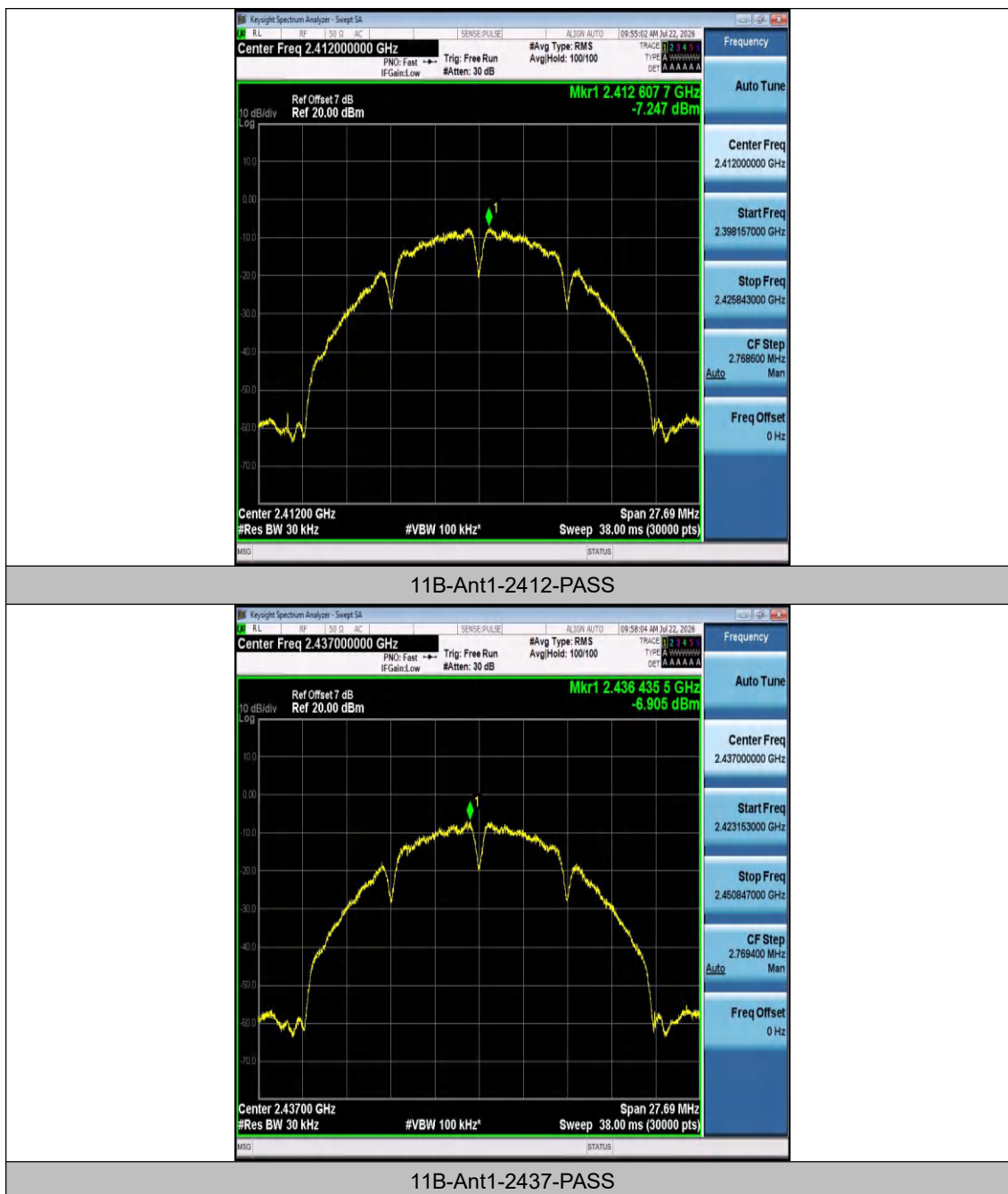
Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result[dBm/30kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-7.25	≤8.00	PASS
11B	Ant1	2437	-6.91	≤8.00	PASS
11B	Ant1	2462	-6.77	≤8.00	PASS
11G	Ant1	2412	-7.07	≤8.00	PASS
11G	Ant1	2437	-6.93	≤8.00	PASS
11G	Ant1	2462	-6.61	≤8.00	PASS

Note: The cable loss are compensated in the graph.

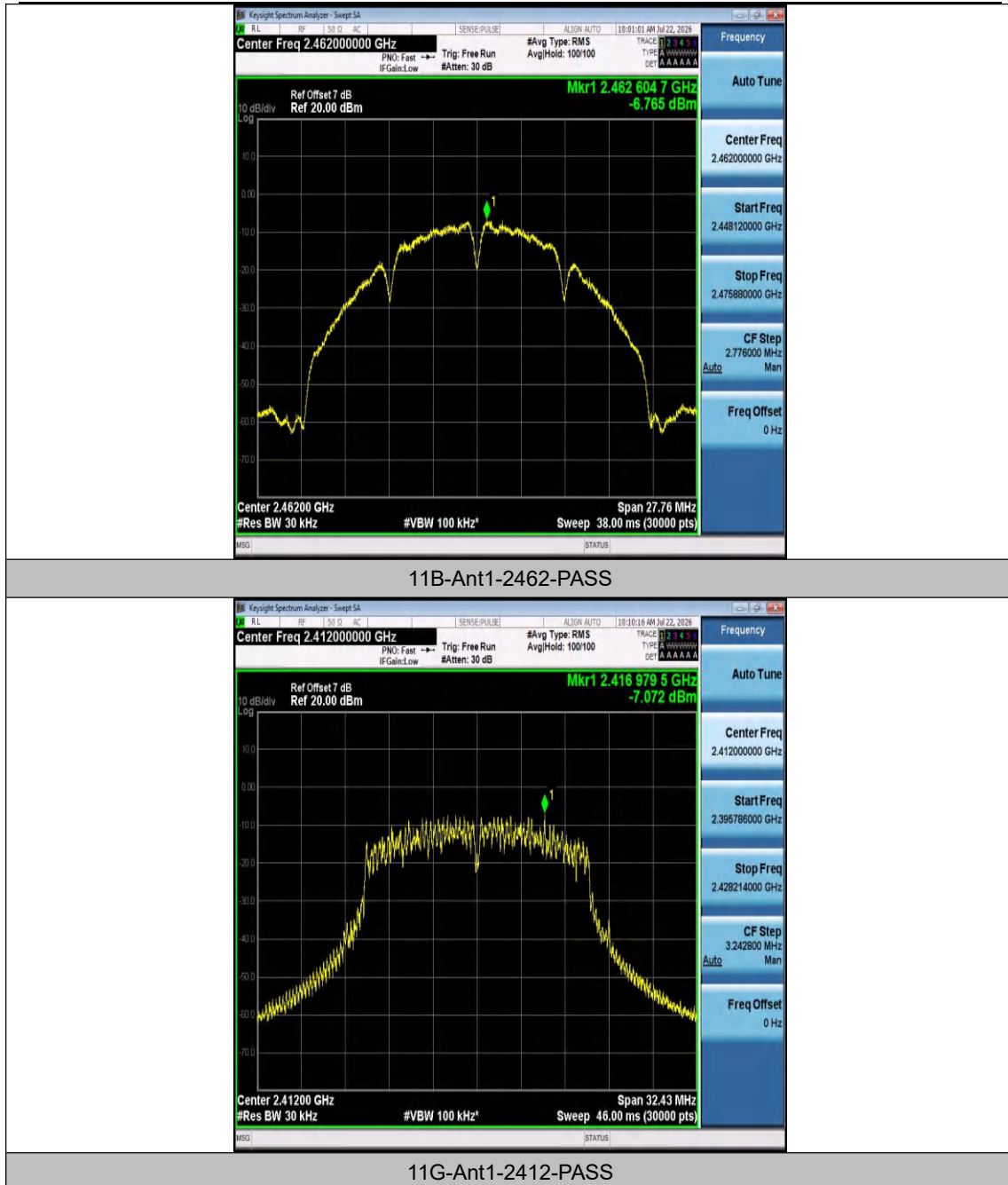
Test Graphs



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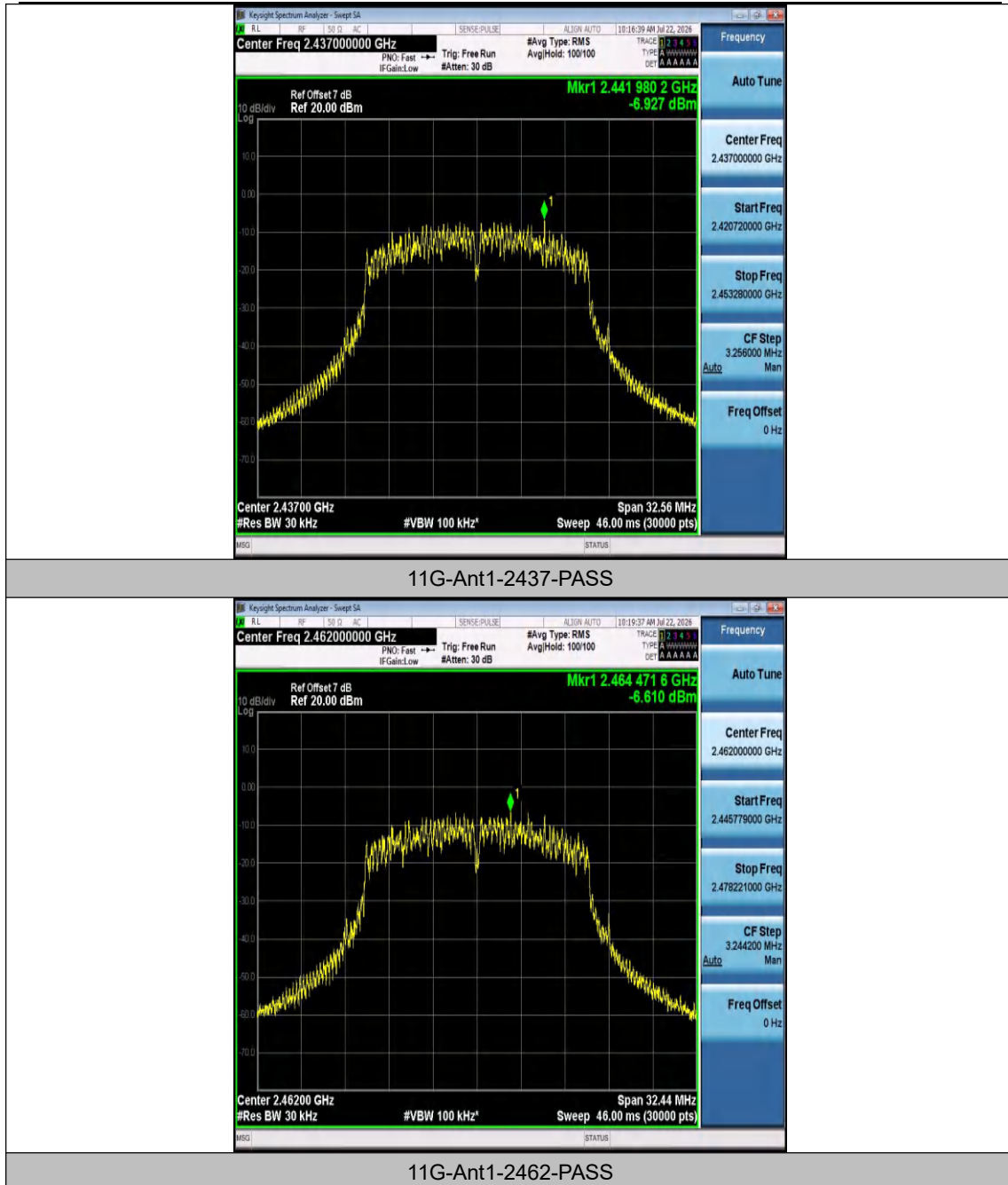
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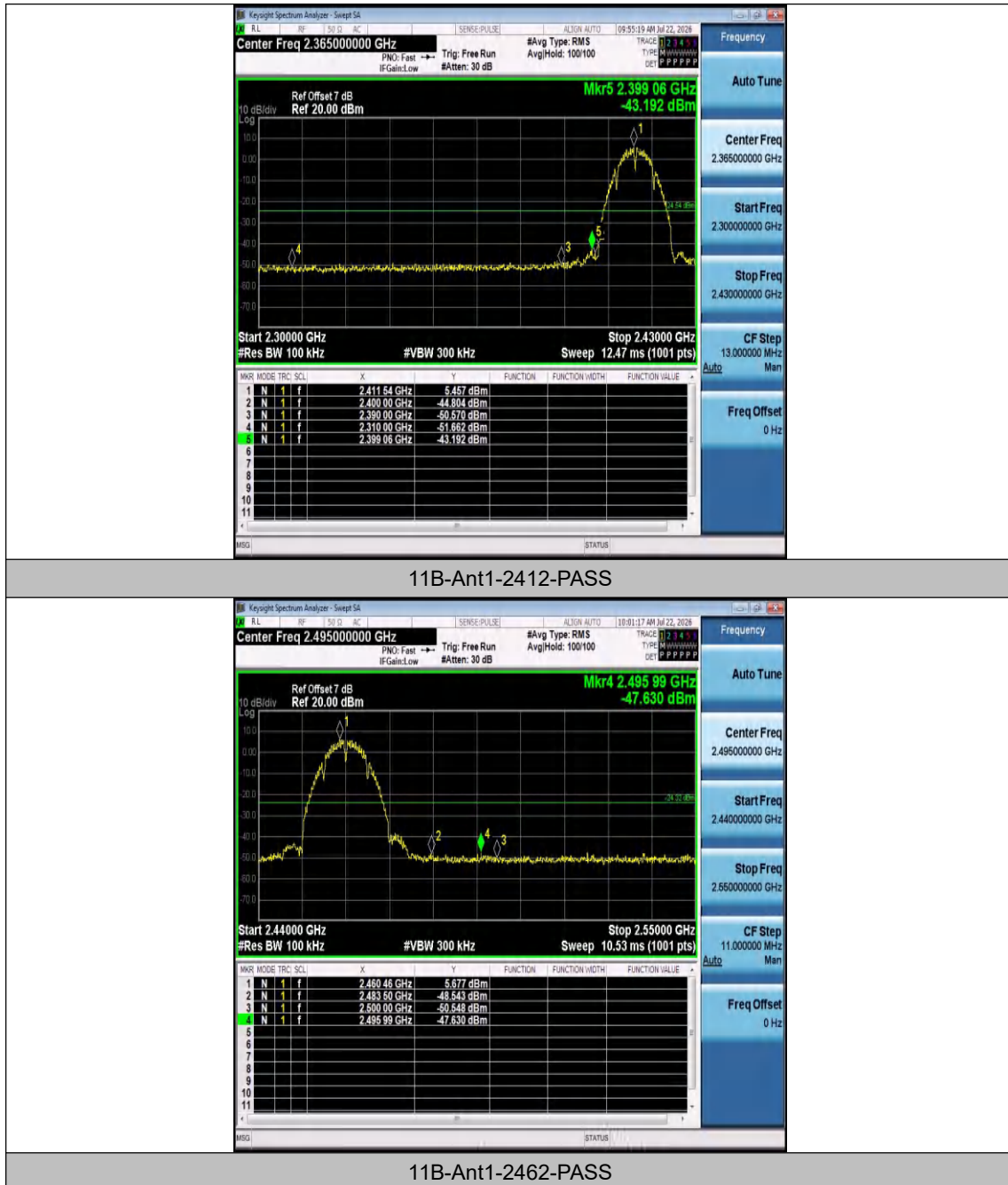
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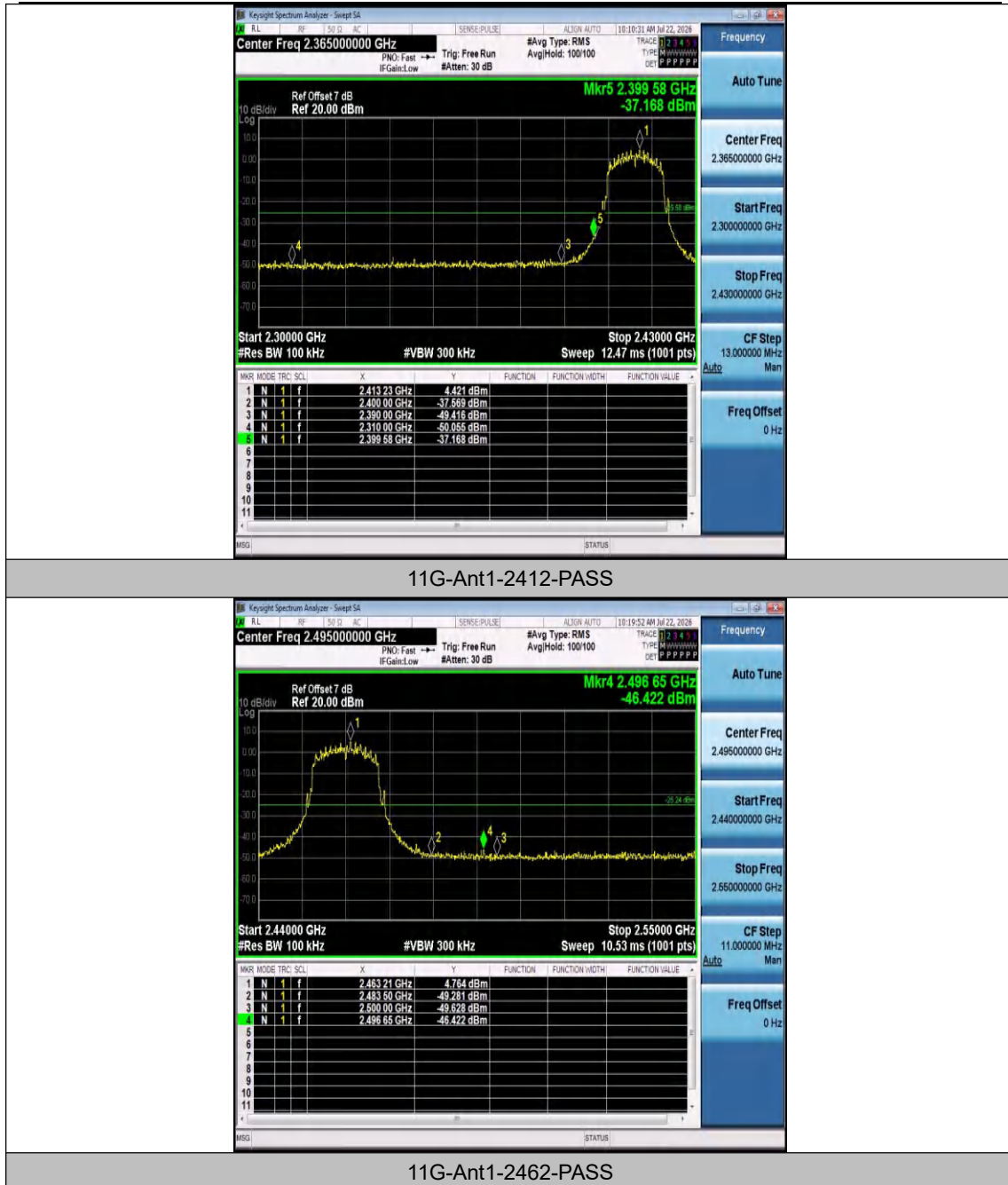
Appendix E: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.46	-43.19	≤-24.54	PASS
11B	Ant1	High	2462	5.68	-47.63	≤-24.32	PASS
11G	Ant1	Low	2412	4.42	-37.17	≤-25.58	PASS
11G	Ant1	High	2462	4.76	-46.42	≤-25.24	PASS

Test Graphs





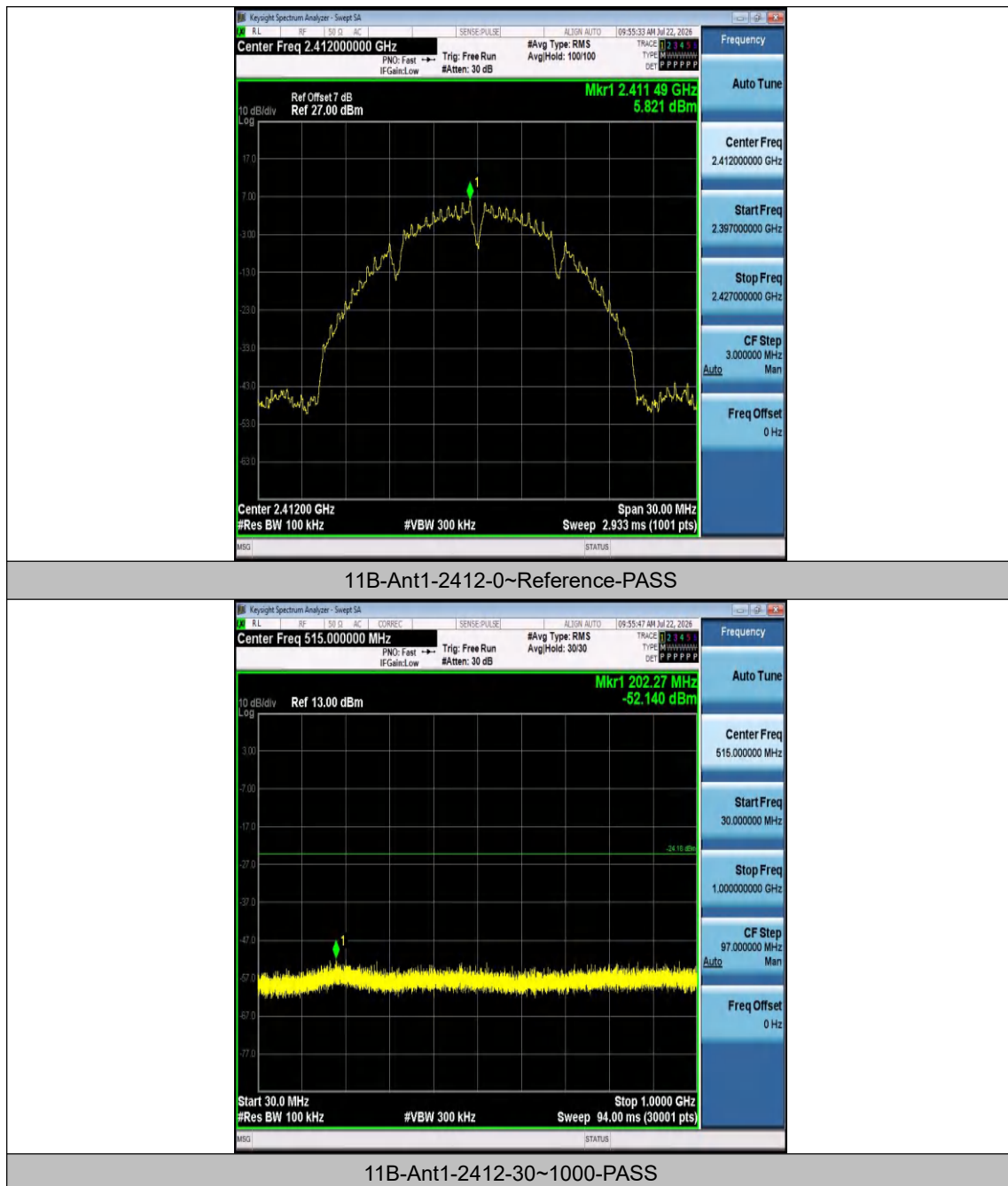
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	5.82	5.82	---	PASS
11B	Ant1	2412	30~1000	5.82	-52.14	≤-24.18	PASS
11B	Ant1	2412	1000~26500	5.82	-37.06	≤-24.18	PASS
11B	Ant1	2437	0~Reference	5.93	5.93	---	PASS
11B	Ant1	2437	30~1000	5.93	-52.2	≤-24.07	PASS
11B	Ant1	2437	1000~26500	5.93	-37.65	≤-24.07	PASS
11B	Ant1	2462	0~Reference	6.22	6.22	---	PASS
11B	Ant1	2462	30~1000	6.22	-52.41	≤-23.78	PASS
11B	Ant1	2462	1000~26500	6.22	-36.87	≤-23.78	PASS
11G	Ant1	2412	0~Reference	4.44	4.44	---	PASS
11G	Ant1	2412	30~1000	4.44	-52	≤-25.56	PASS
11G	Ant1	2412	1000~26500	4.44	-36.57	≤-25.56	PASS
11G	Ant1	2437	0~Reference	4.53	4.53	---	PASS
11G	Ant1	2437	30~1000	4.53	-51.9	≤-25.47	PASS
11G	Ant1	2437	1000~26500	4.53	-36.54	≤-25.47	PASS
11G	Ant1	2462	0~Reference	4.72	4.72	---	PASS
11G	Ant1	2462	30~1000	4.72	-51.84	≤-25.28	PASS
11G	Ant1	2462	1000~26500	4.72	-37.45	≤-25.28	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.

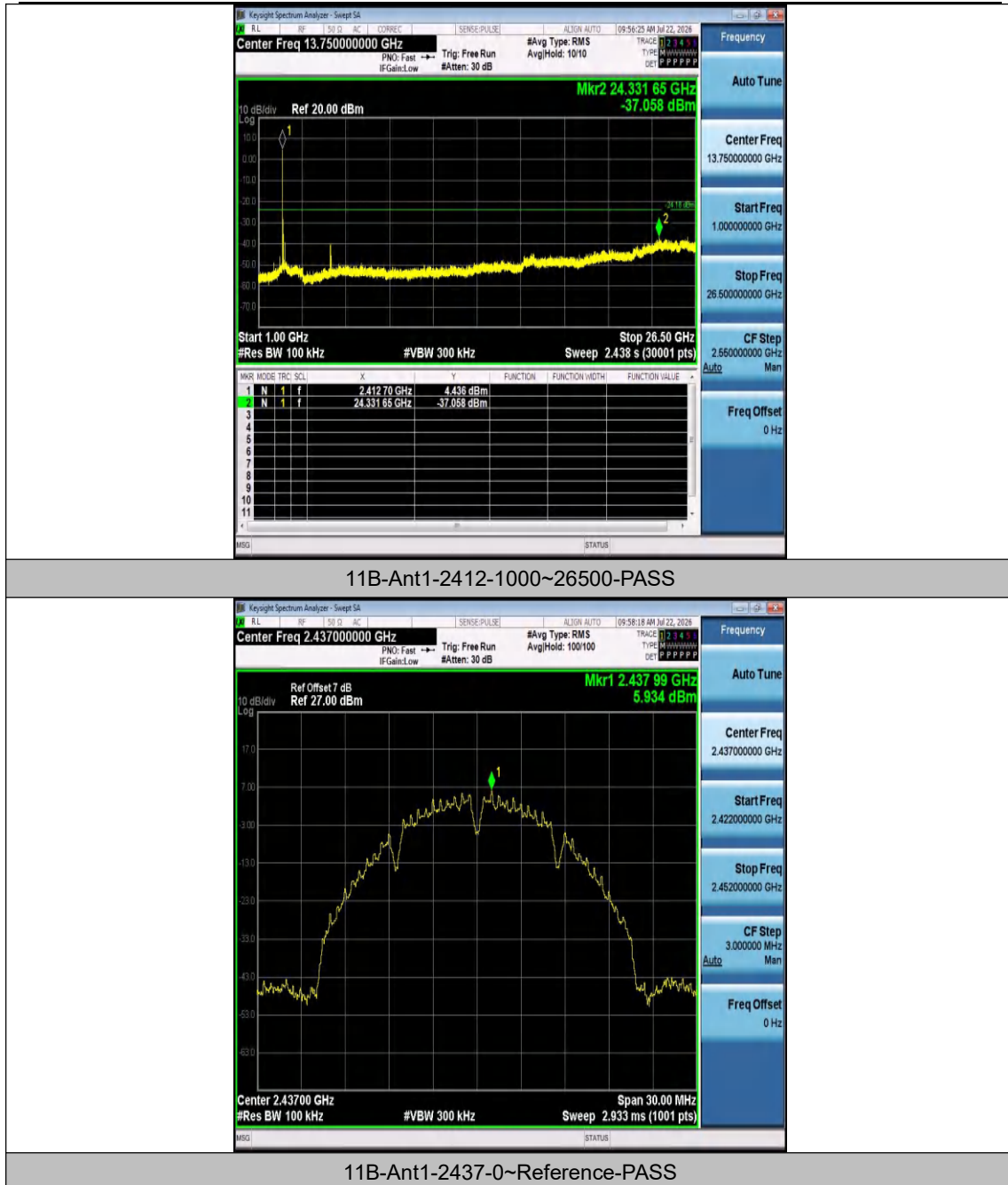
Test Graphs



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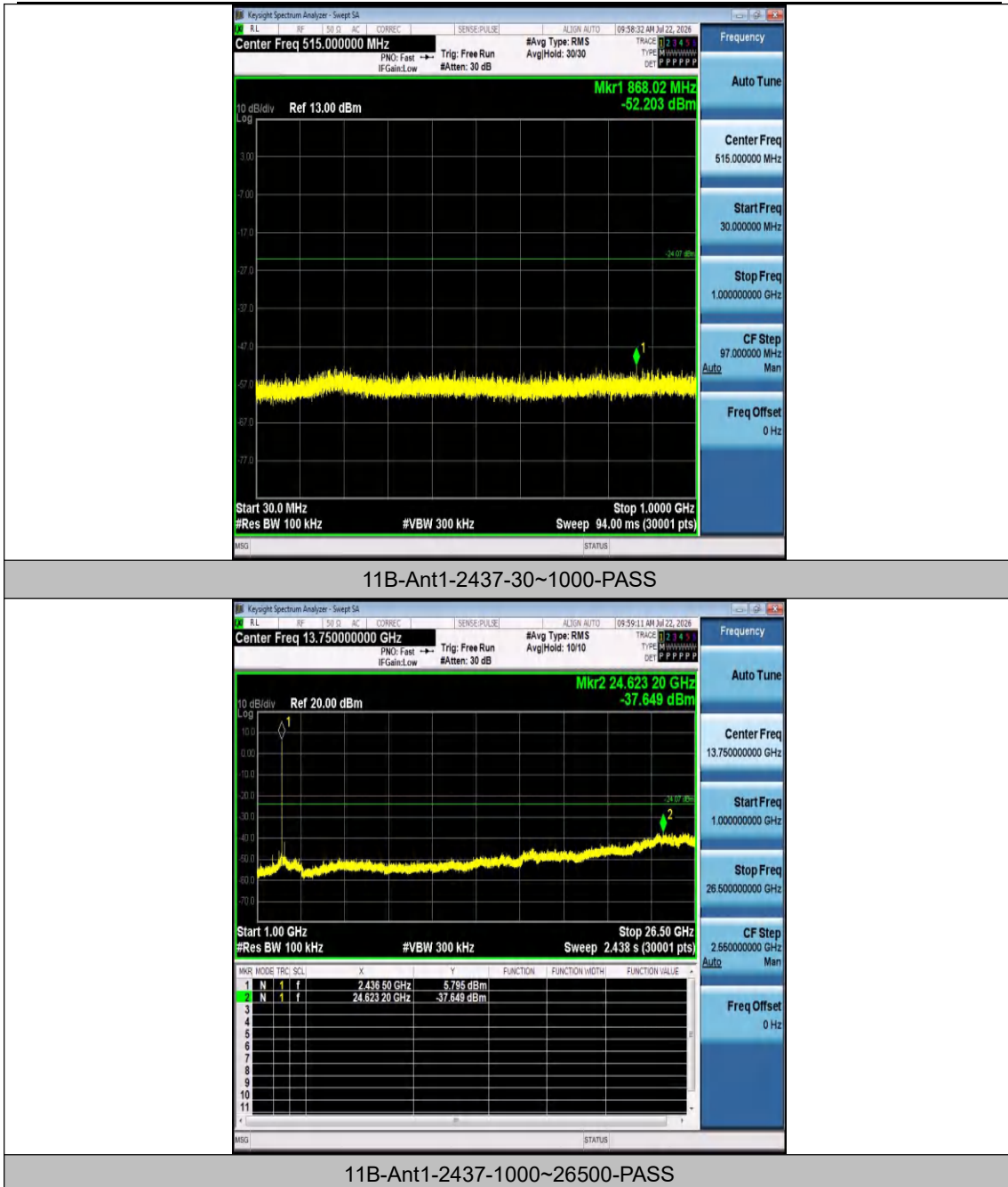
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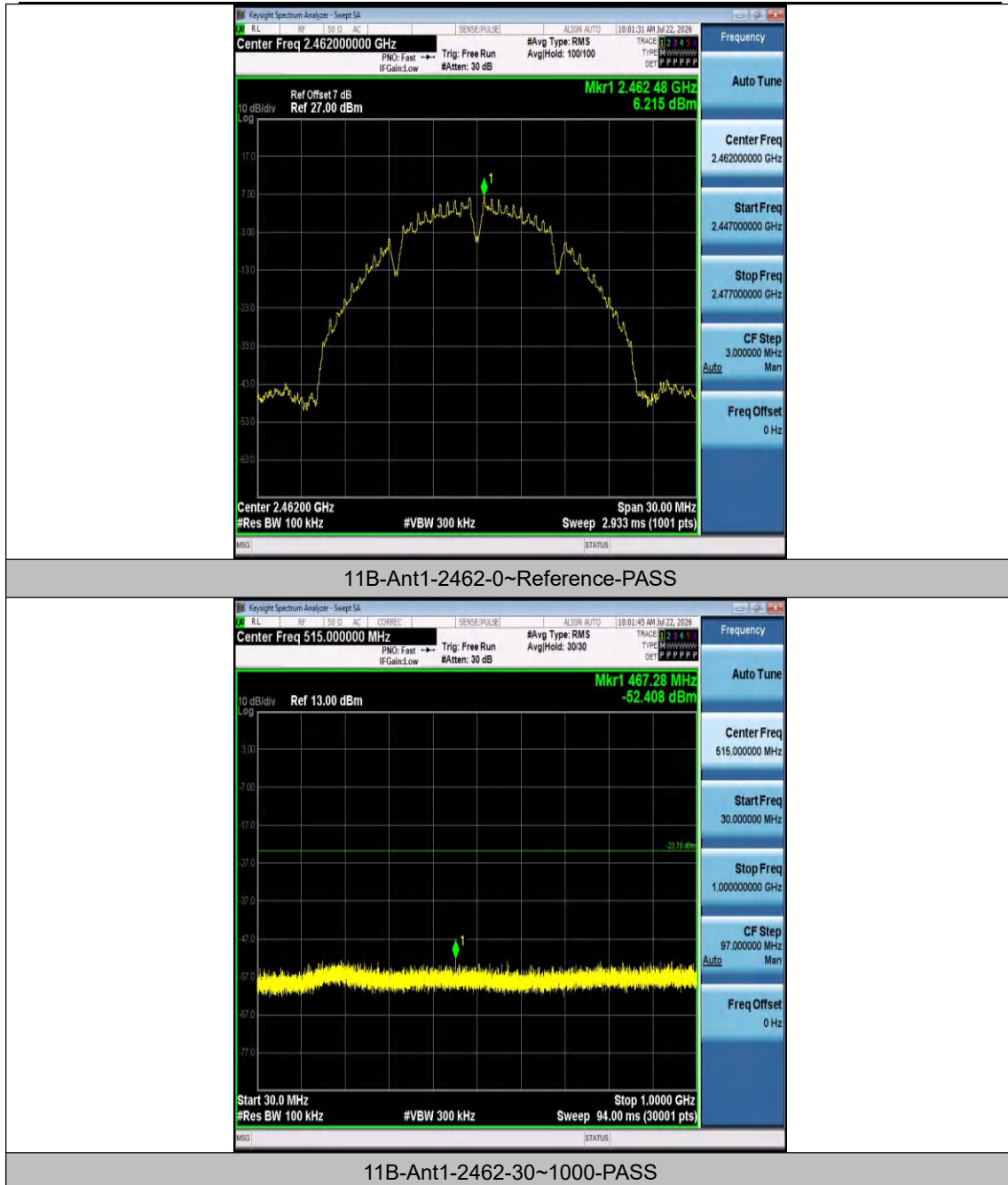
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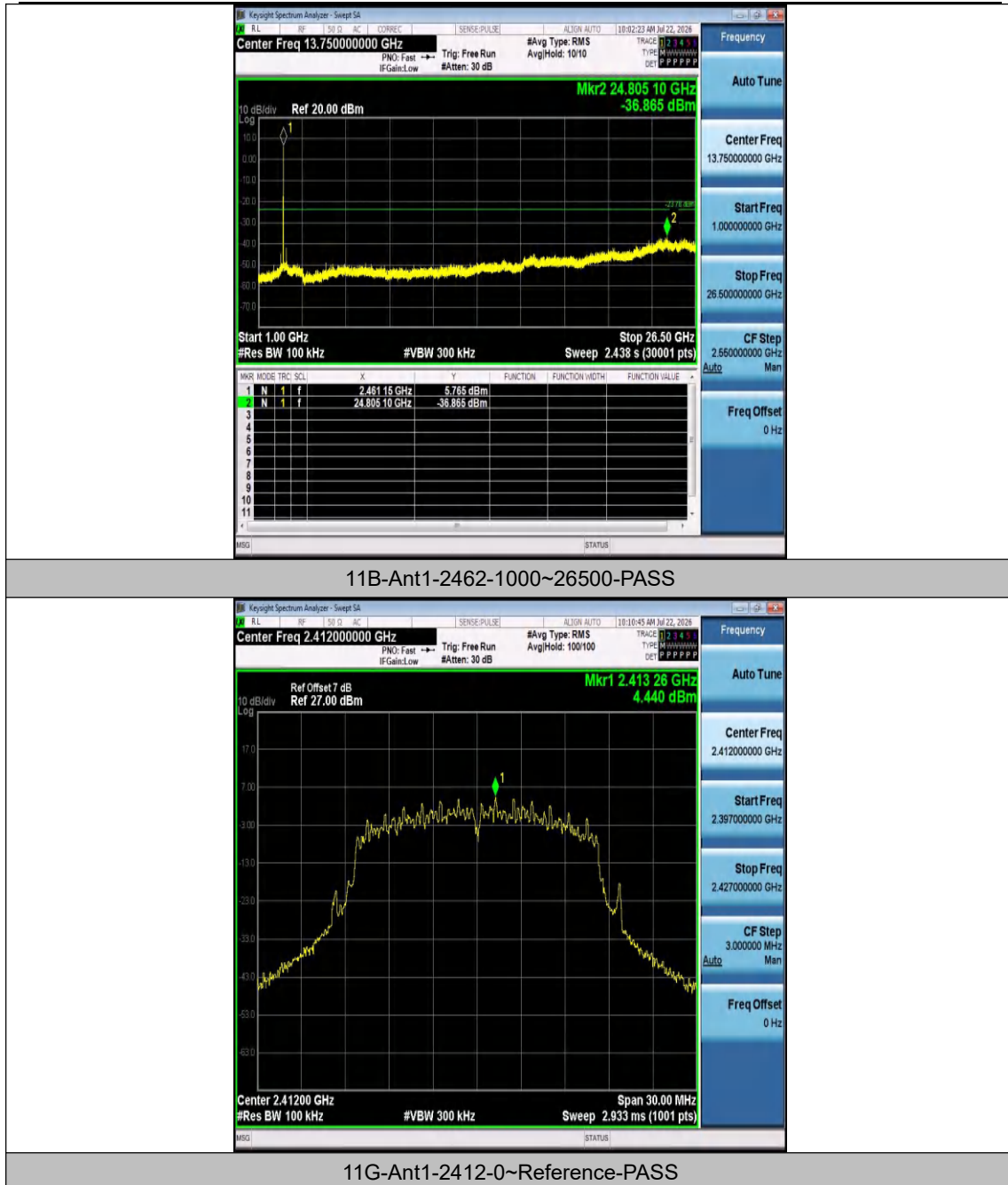
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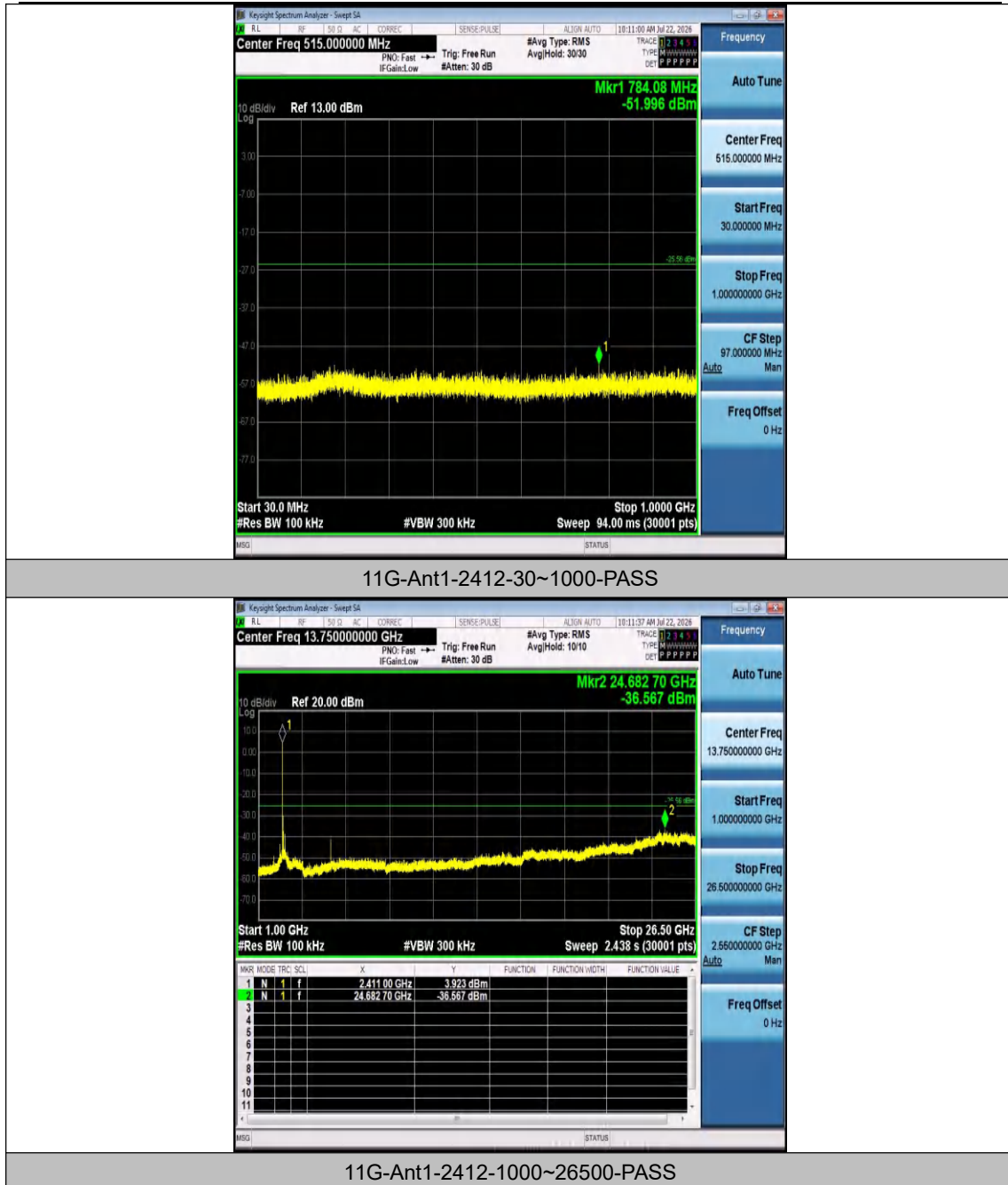
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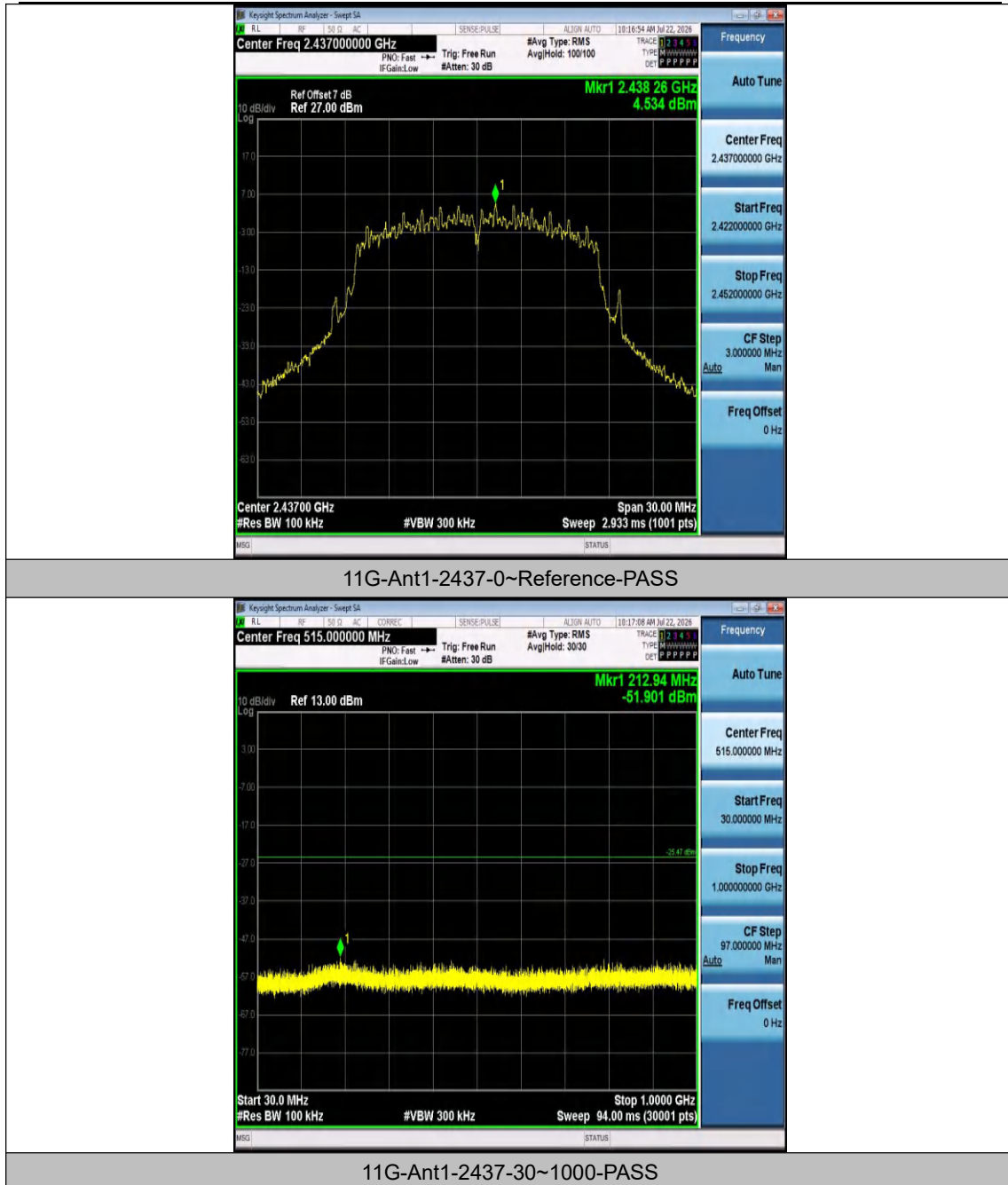
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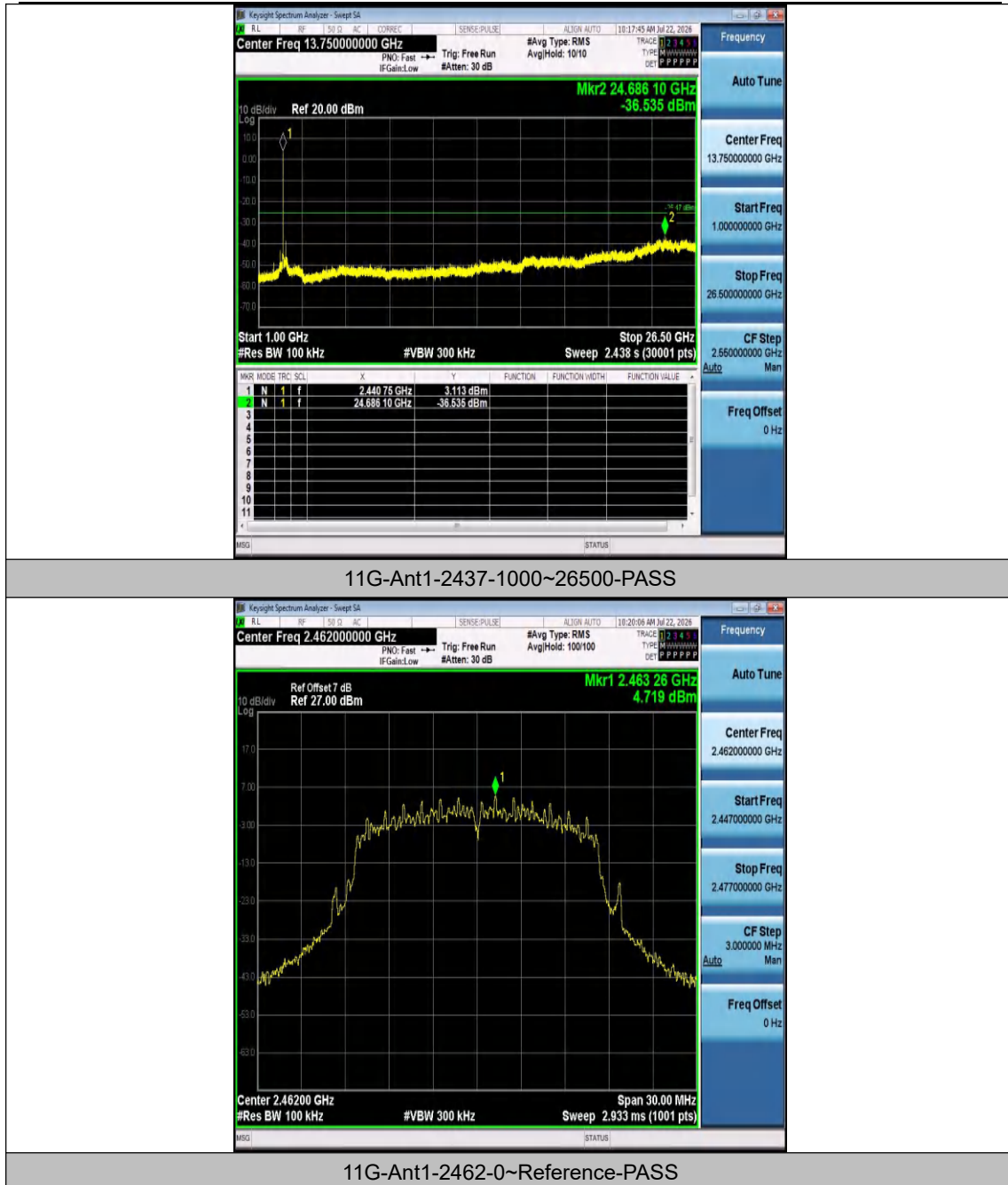
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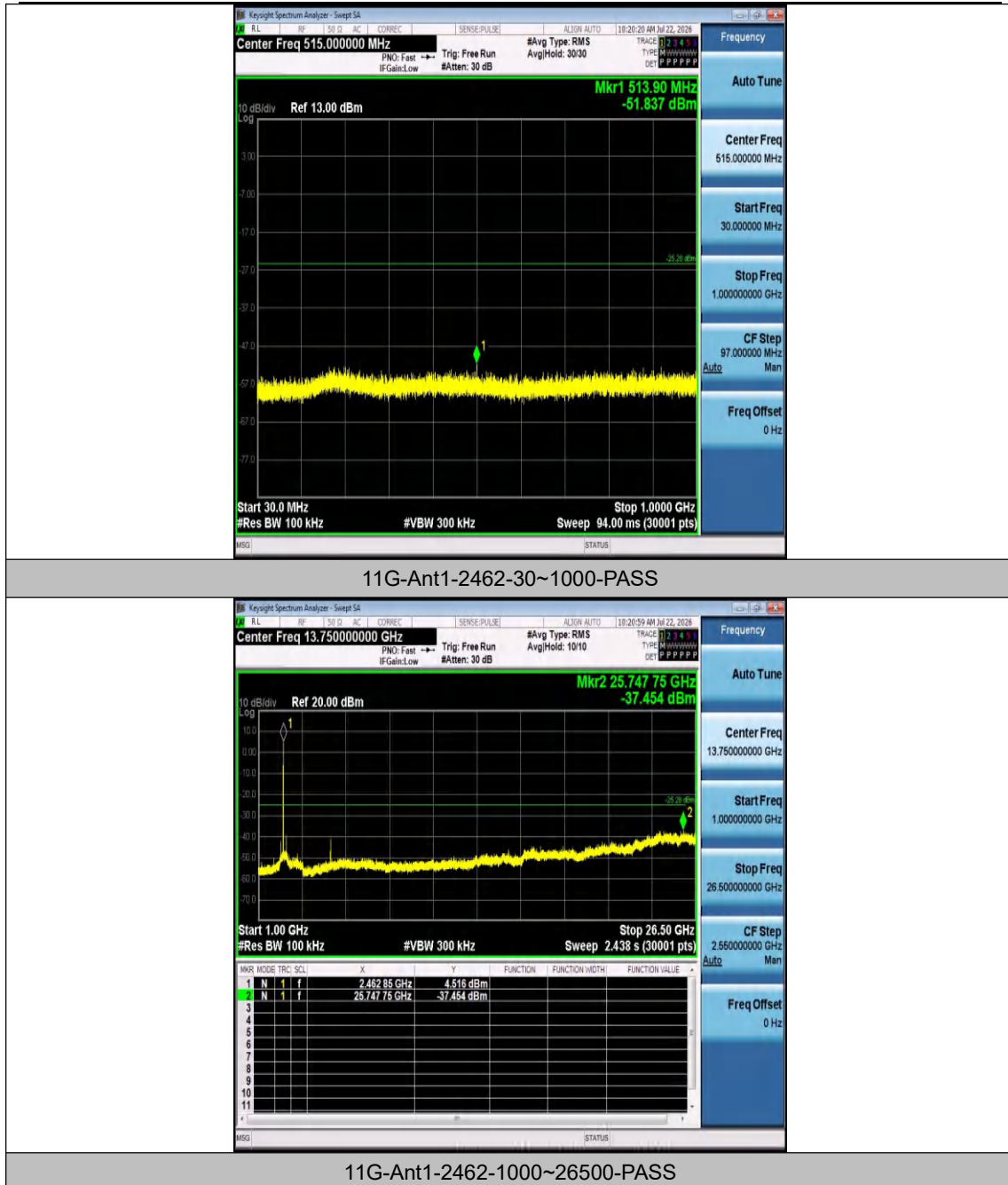
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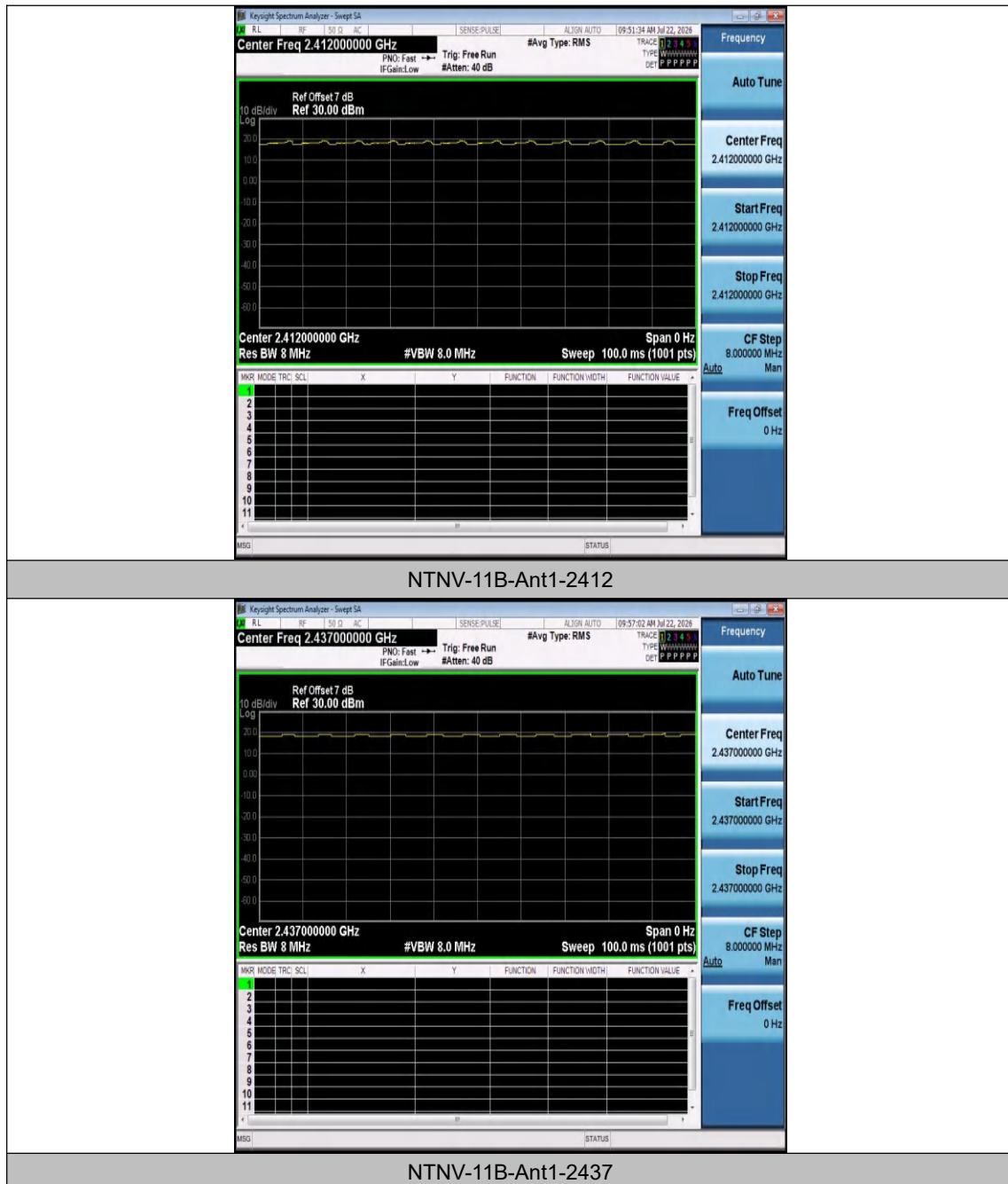
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Appendix G: Duty Cycle

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

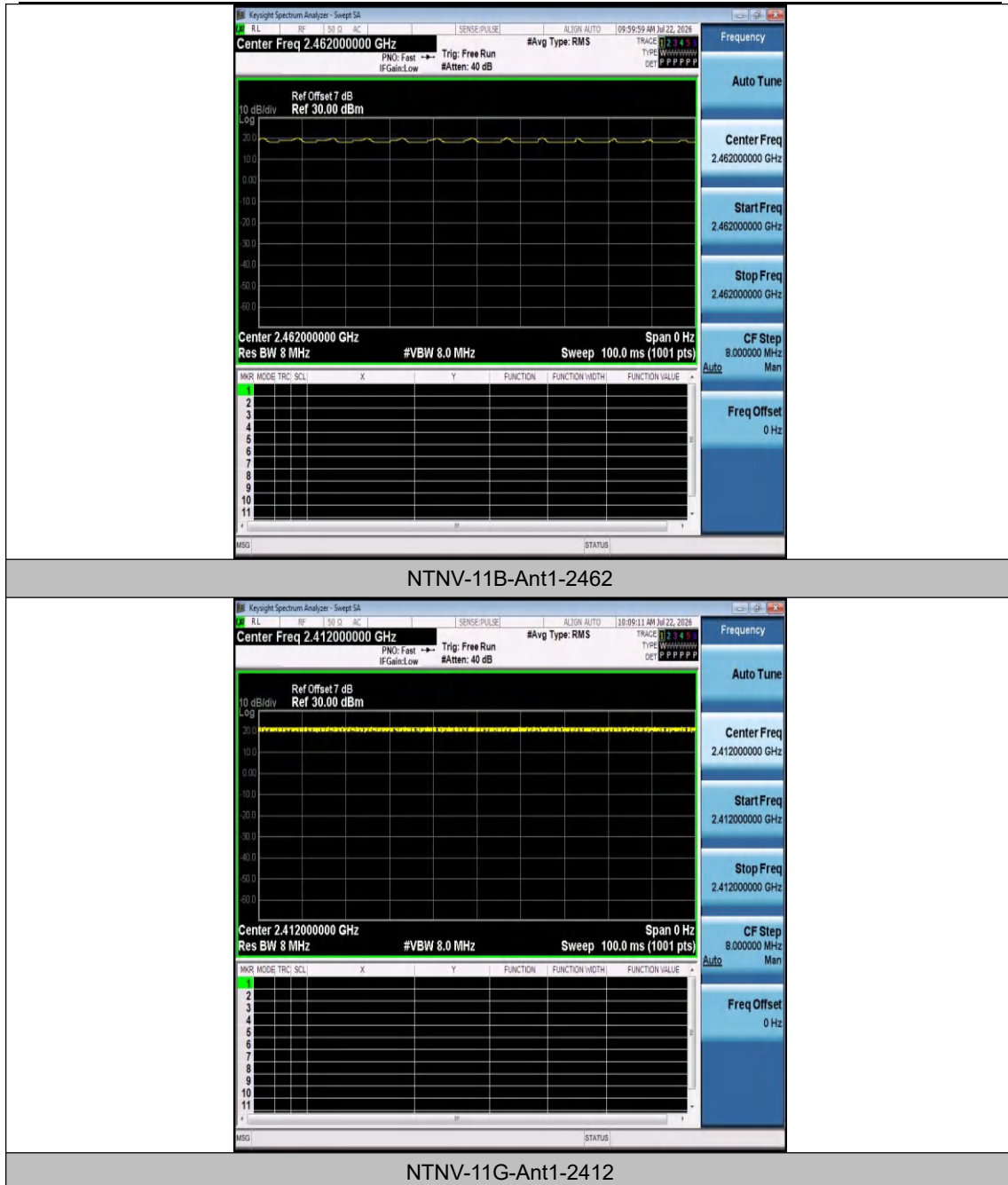
Test Graphs



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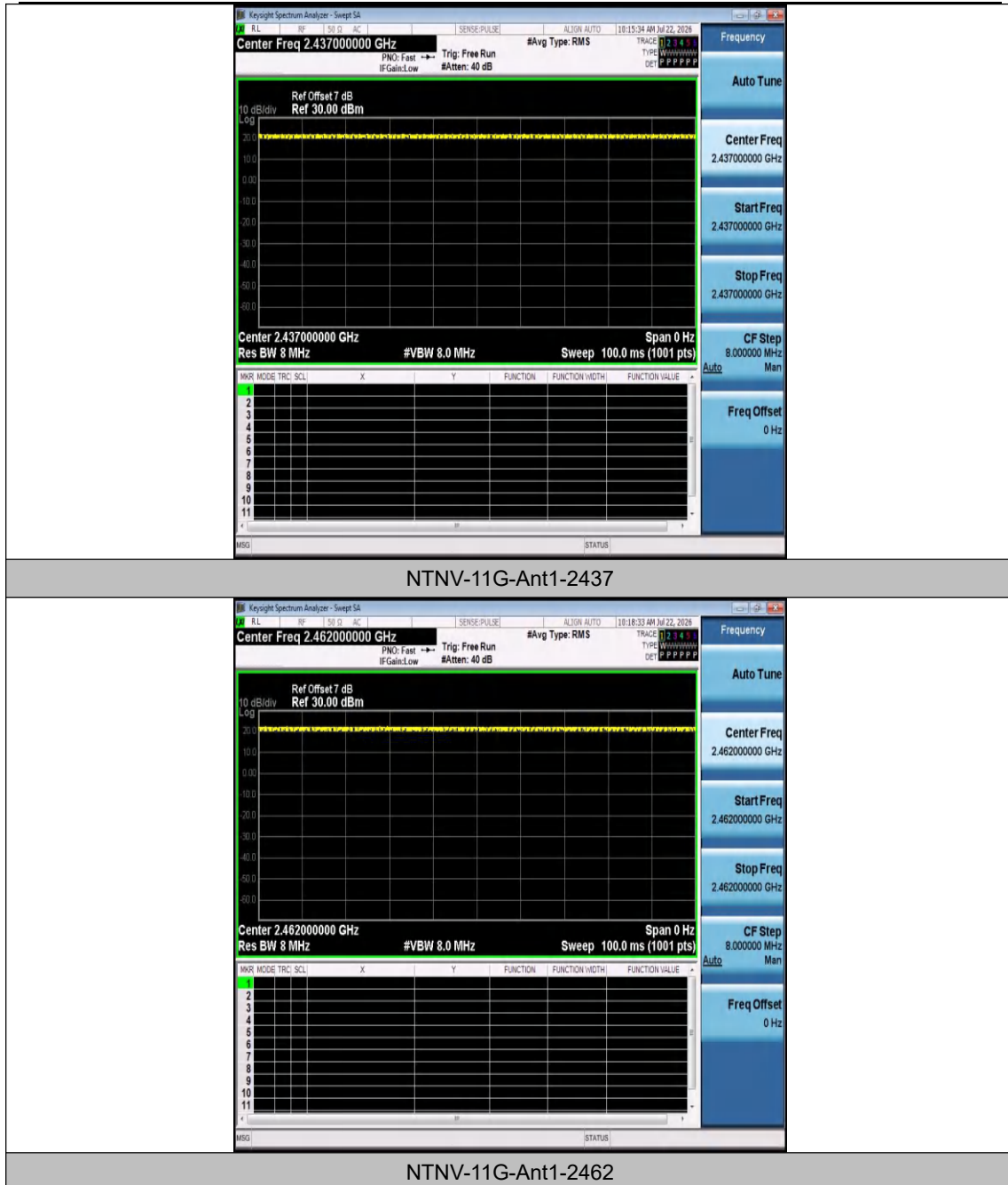
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