

Appendix Test Data

Report No.:	1811C50423716202	Test Sample No.:	1-2-2
Start Test Date:	2025-11-4	Finish Test Date:	2025-11-4
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	26.3°C	Relative Humidity:	46%
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	10.120	2406.960	2417.080	0.5	PASS
11B	Ant1	2437	10.200	2431.920	2442.120	0.5	PASS
11B	Ant1	2462	10.160	2456.960	2467.120	0.5	PASS
11G	Ant1	2412	16.280	2403.880	2420.160	0.5	PASS
11G	Ant1	2437	16.320	2428.880	2445.200	0.5	PASS
11G	Ant1	2462	16.440	2453.840	2470.280	0.5	PASS
11N20SISO	Ant1	2412	17.520	2403.240	2420.760	0.5	PASS
11N20SISO	Ant1	2437	17.560	2428.240	2445.800	0.5	PASS
11N20SISO	Ant1	2462	17.640	2453.200	2470.840	0.5	PASS
11N40SISO	Ant1	2422	36.000	2404.160	2440.160	0.5	PASS
11N40SISO	Ant1	2437	35.840	2419.160	2455.000	0.5	PASS
11N40SISO	Ant1	2452	35.600	2434.320	2469.920	0.5	PASS



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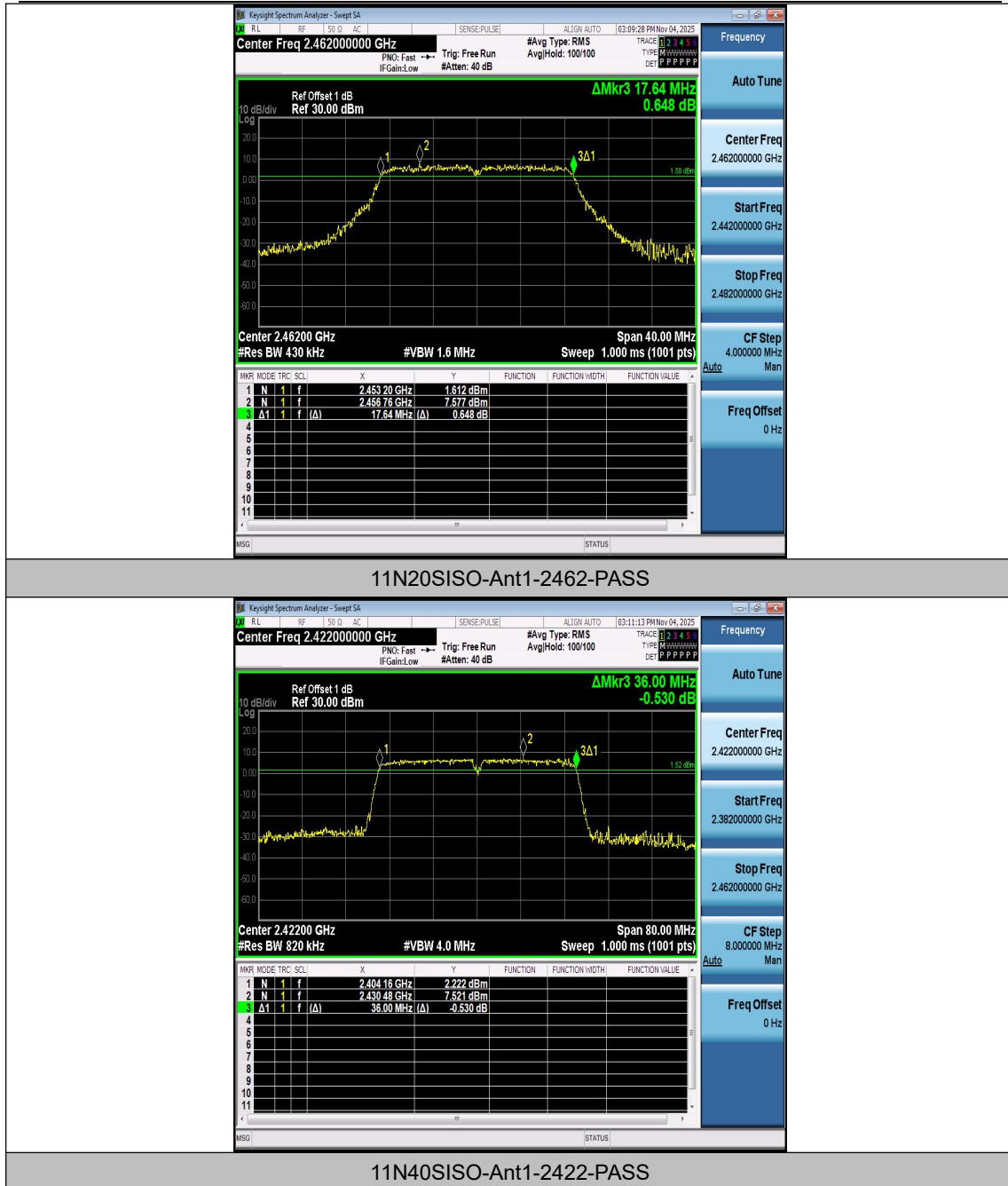
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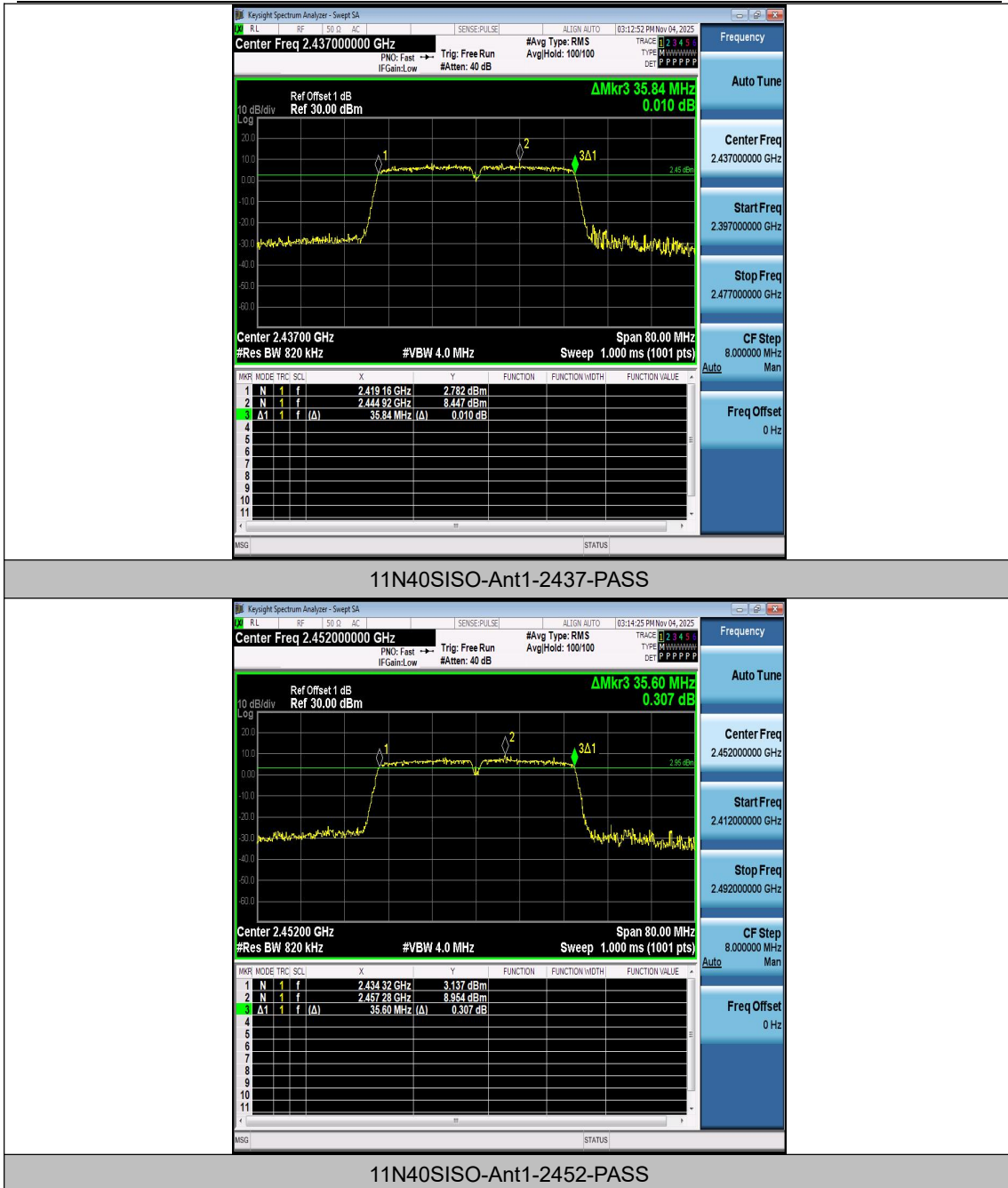
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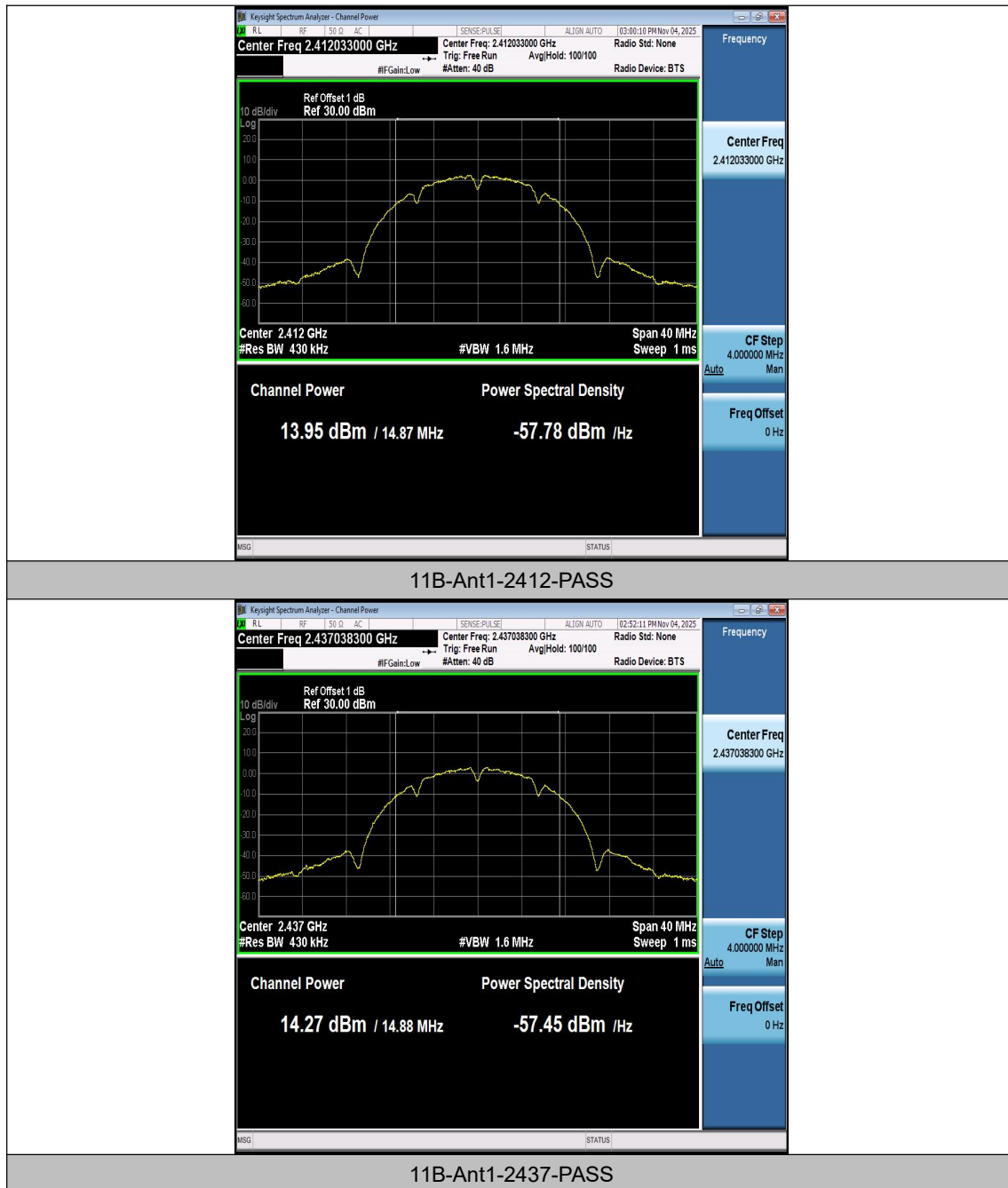
Appendix B:Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency [MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	13.95	100.00	0.00	13.95	≤30.0 0	PASS
11B	Ant1	2437	14.27	100.00	0.00	14.27	≤30.0 0	PASS
11B	Ant1	2462	14.44	100.00	0.00	14.44	≤30.0 0	PASS
11G	Ant1	2412	14.62	100.00	0.00	14.62	≤30.0 0	PASS
11G	Ant1	2437	14.73	100.00	0.00	14.73	≤30.0 0	PASS
11G	Ant1	2462	15.08	100.00	0.00	15.08	≤30.0 0	PASS
11N20SI SO	Ant1	2412	14.47	100.00	0.00	14.47	≤30.0 0	PASS
11N20SI SO	Ant1	2437	14.65	100.00	0.00	14.65	≤30.0 0	PASS
11N20SI SO	Ant1	2462	15.02	100.00	0.00	15.02	≤30.0 0	PASS
11N40SI SO	Ant1	2422	14.30	100.00	0.00	14.30	≤30.0 0	PASS
11N40SI SO	Ant1	2437	14.44	100.00	0.00	14.44	≤30.0 0	PASS
11N40SI SO	Ant1	2452	14.60	100.00	0.00	14.60	≤30.0 0	PASS

Note: The Duty Cycle Factor($10 \cdot \log(1/D)$) and cable loss are compensated in the graph.

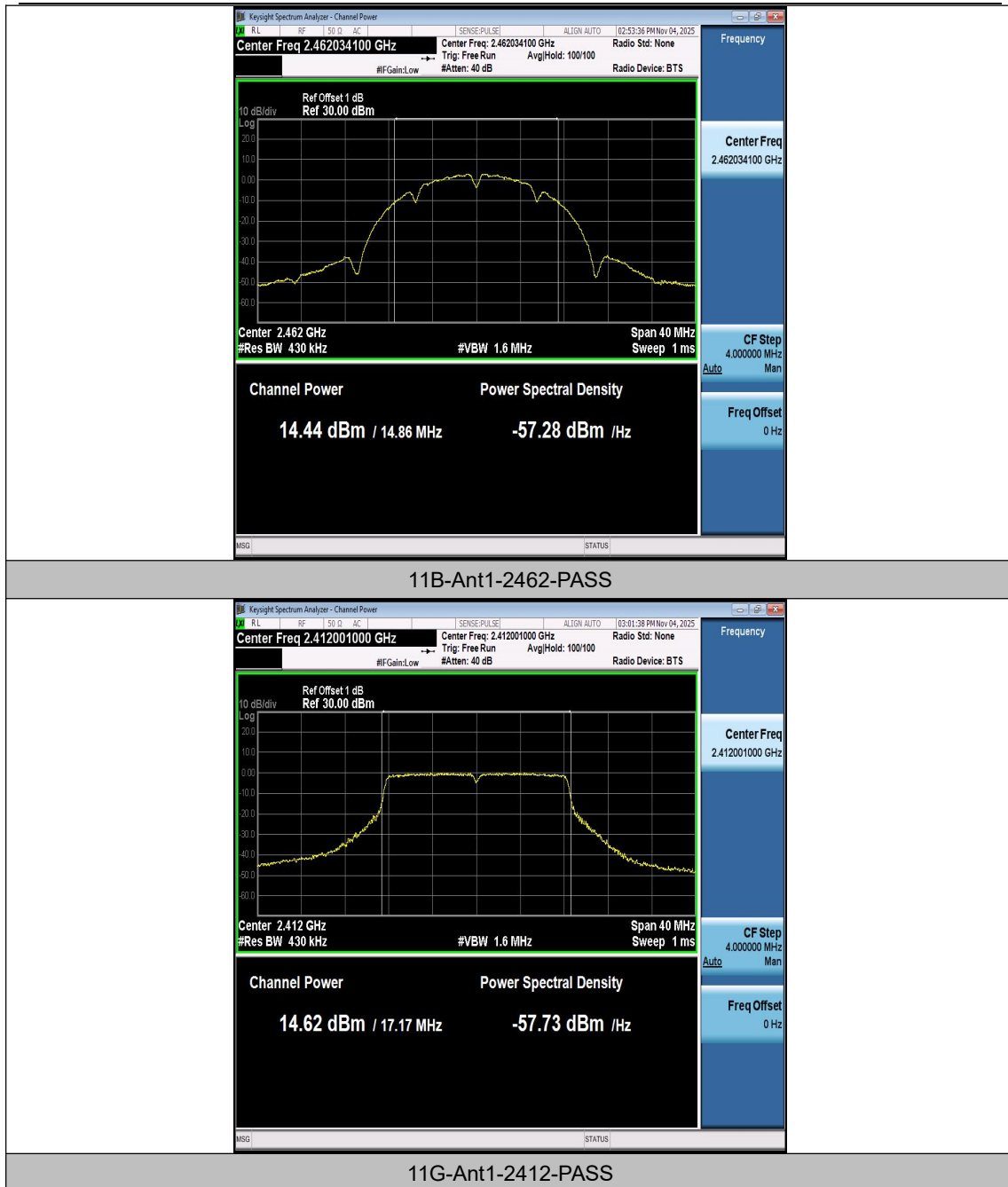
Test Graphs Average



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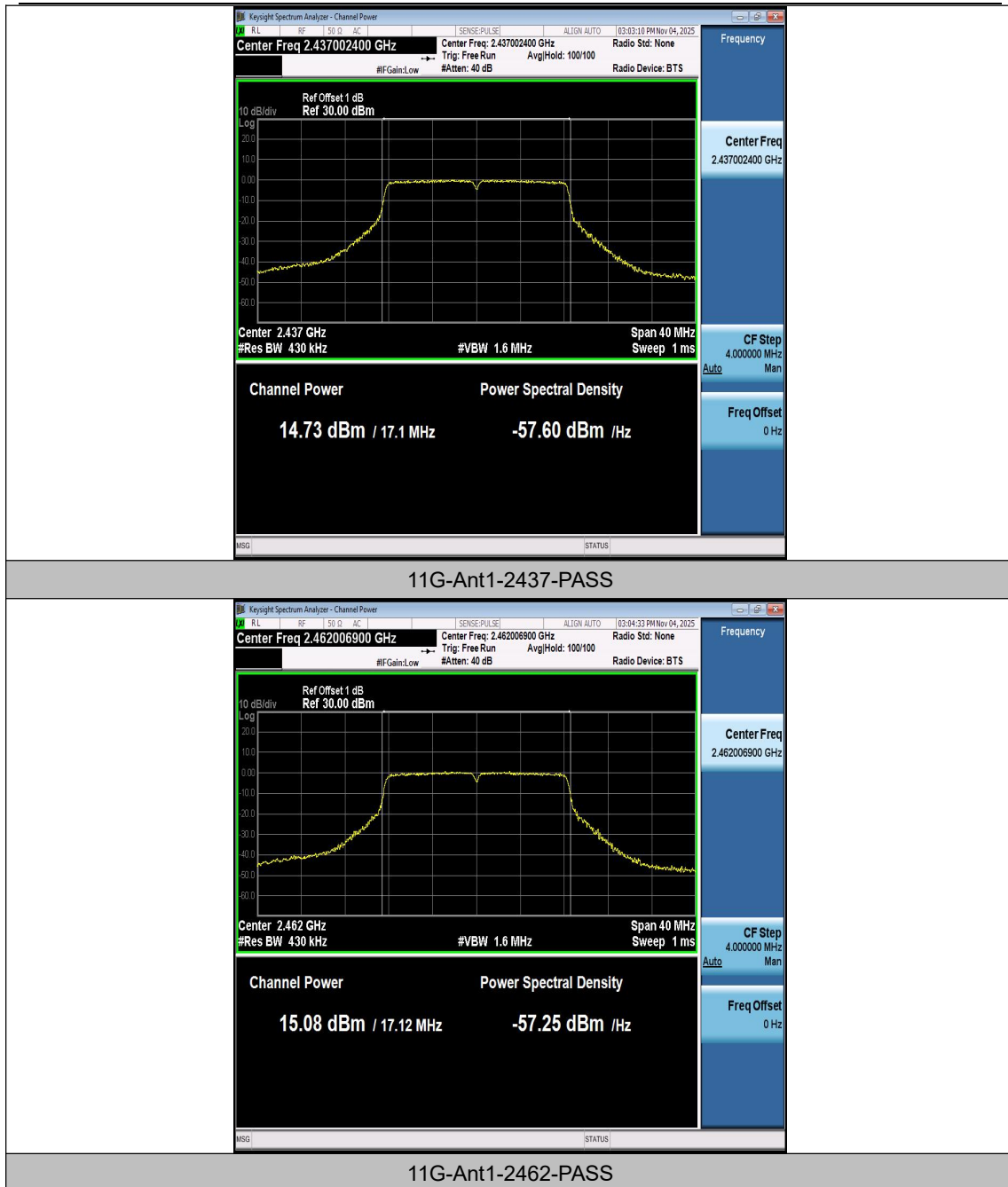
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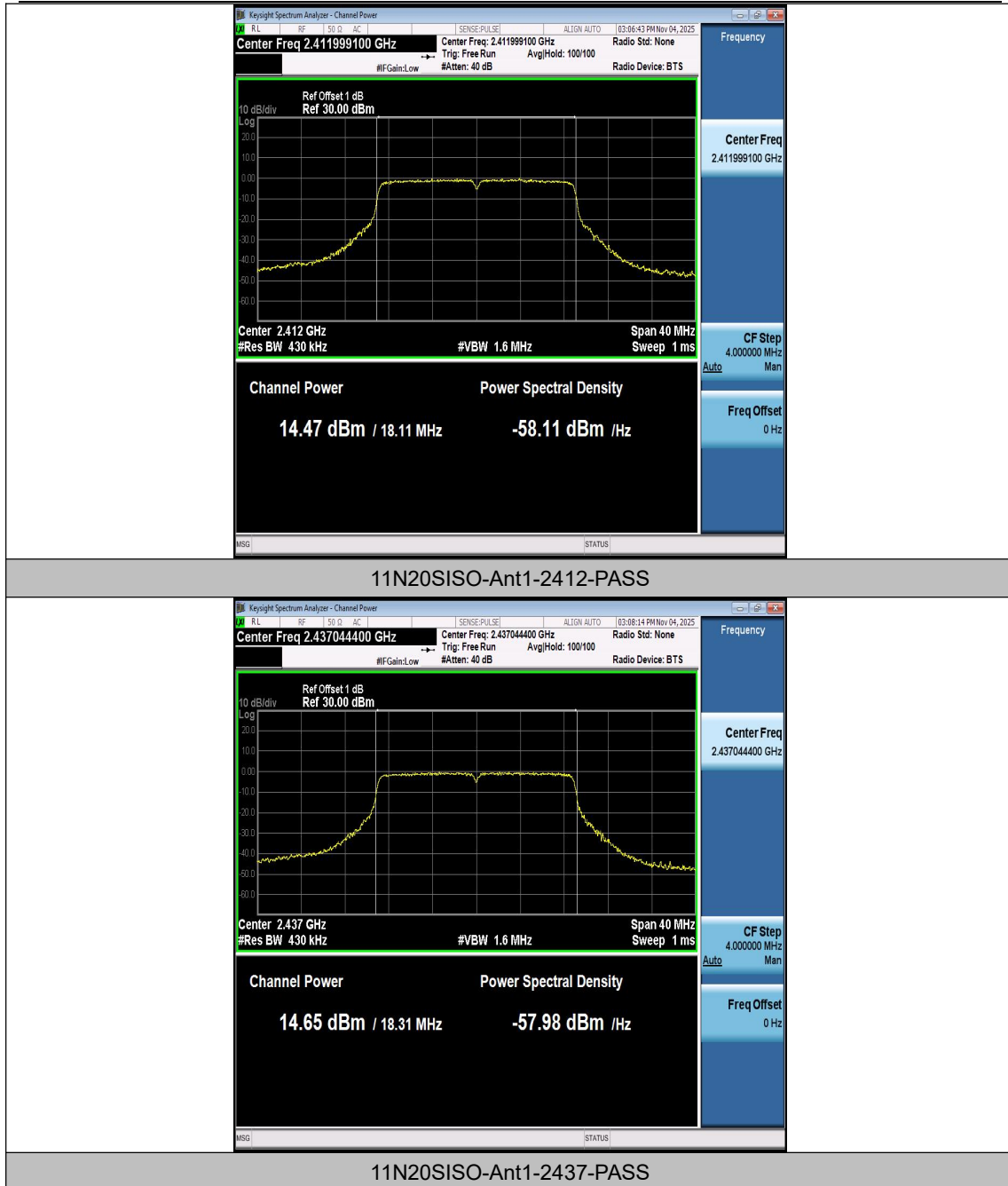
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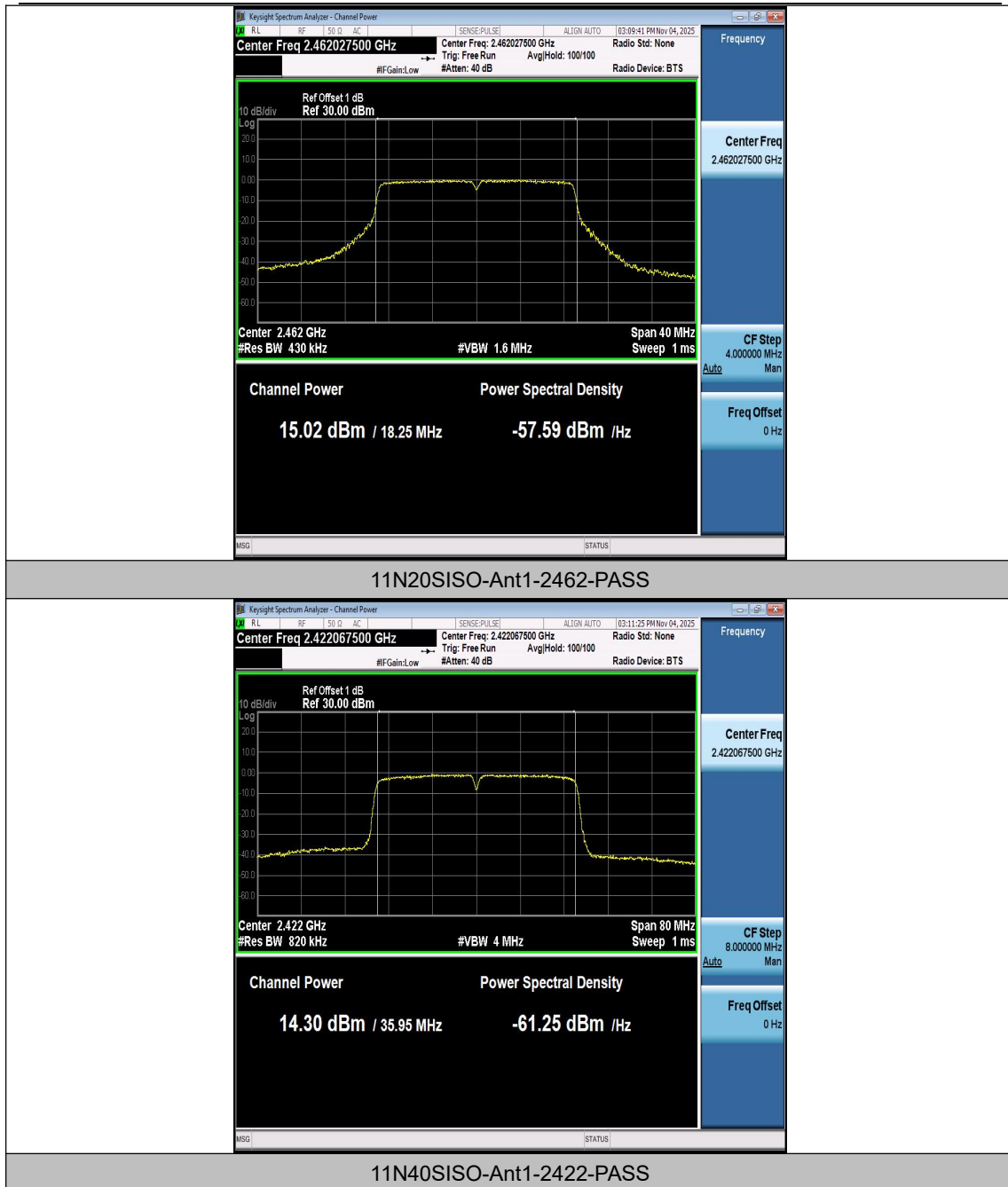
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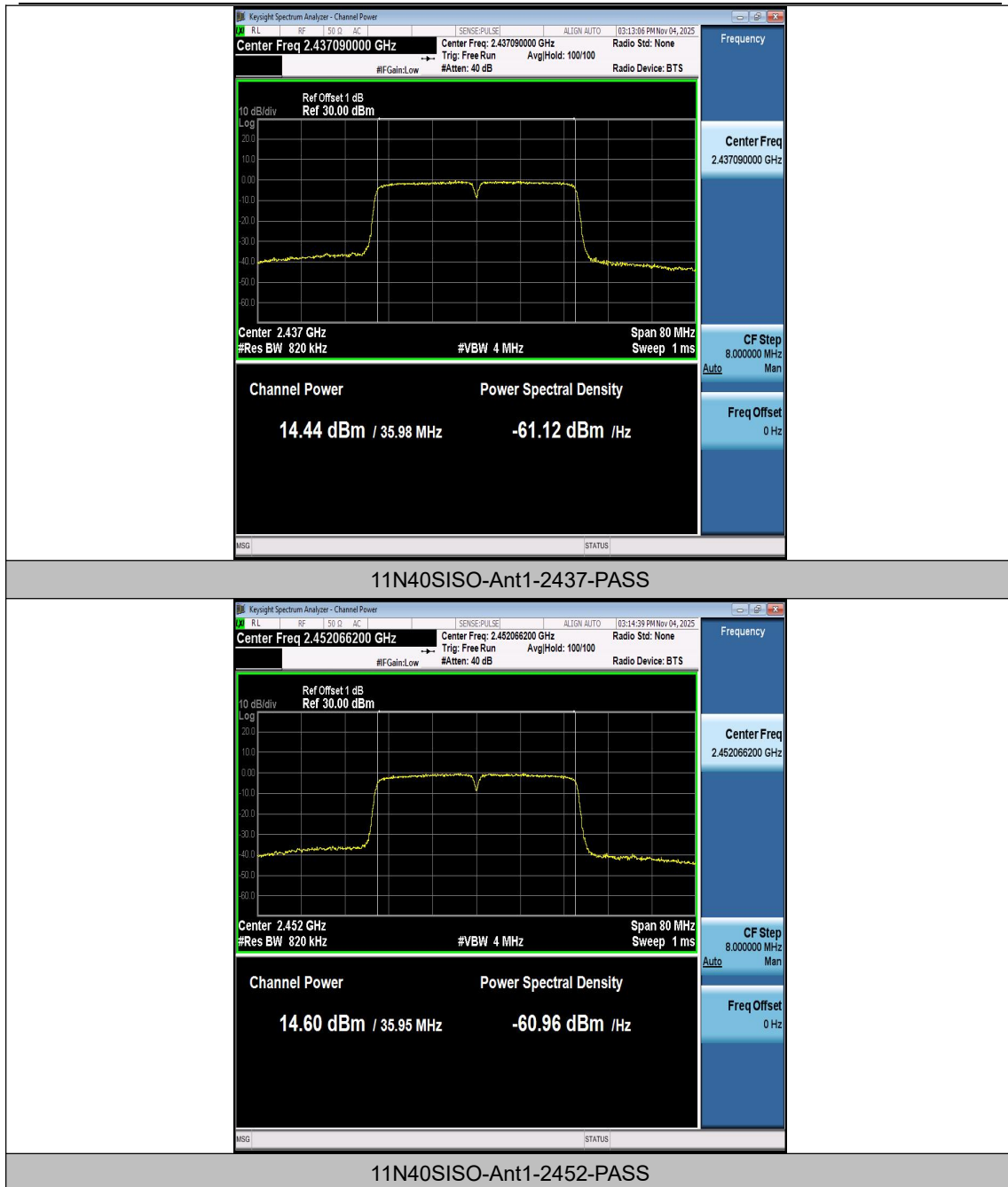
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Appendix C: Maximum power spectral density

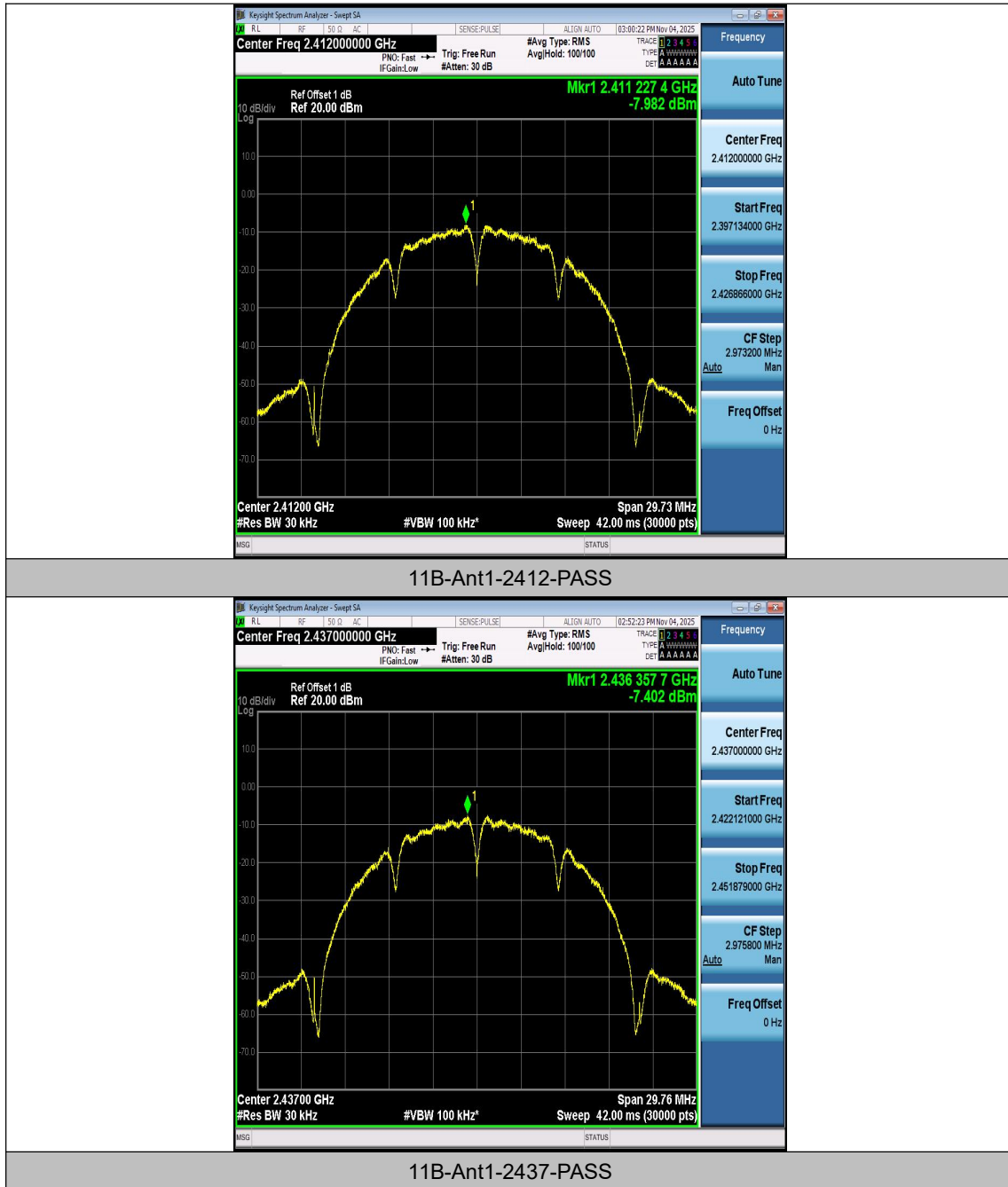
Test Result

Test Mode	Antenna	Frequency [MHz]	Result[dBm/30kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-7.98	≤8.00	PASS
11B	Ant1	2437	-7.40	≤8.00	PASS
11B	Ant1	2462	-7.24	≤8.00	PASS
11G	Ant1	2412	-9.32	≤8.00	PASS
11G	Ant1	2437	-9.28	≤8.00	PASS
11G	Ant1	2462	-8.34	≤8.00	PASS
11N20SISO	Ant1	2412	-9.22	≤8.00	PASS
11N20SISO	Ant1	2437	-9.10	≤8.00	PASS
11N20SISO	Ant1	2462	-8.21	≤8.00	PASS
11N40SISO	Ant1	2422	-11.23	≤8.00	PASS
11N40SISO	Ant1	2437	-11.29	≤8.00	PASS
11N40SISO	Ant1	2452	-11.69	≤8.00	PASS

Note:

1. The Duty Cycle Factor($10 \cdot \log(1/D)$) and cable loss are compensated in the graph.
2. $PSD(dBm/3kHz) = PSD(dBm/30kHz) - (10 \cdot \log(30/3))$

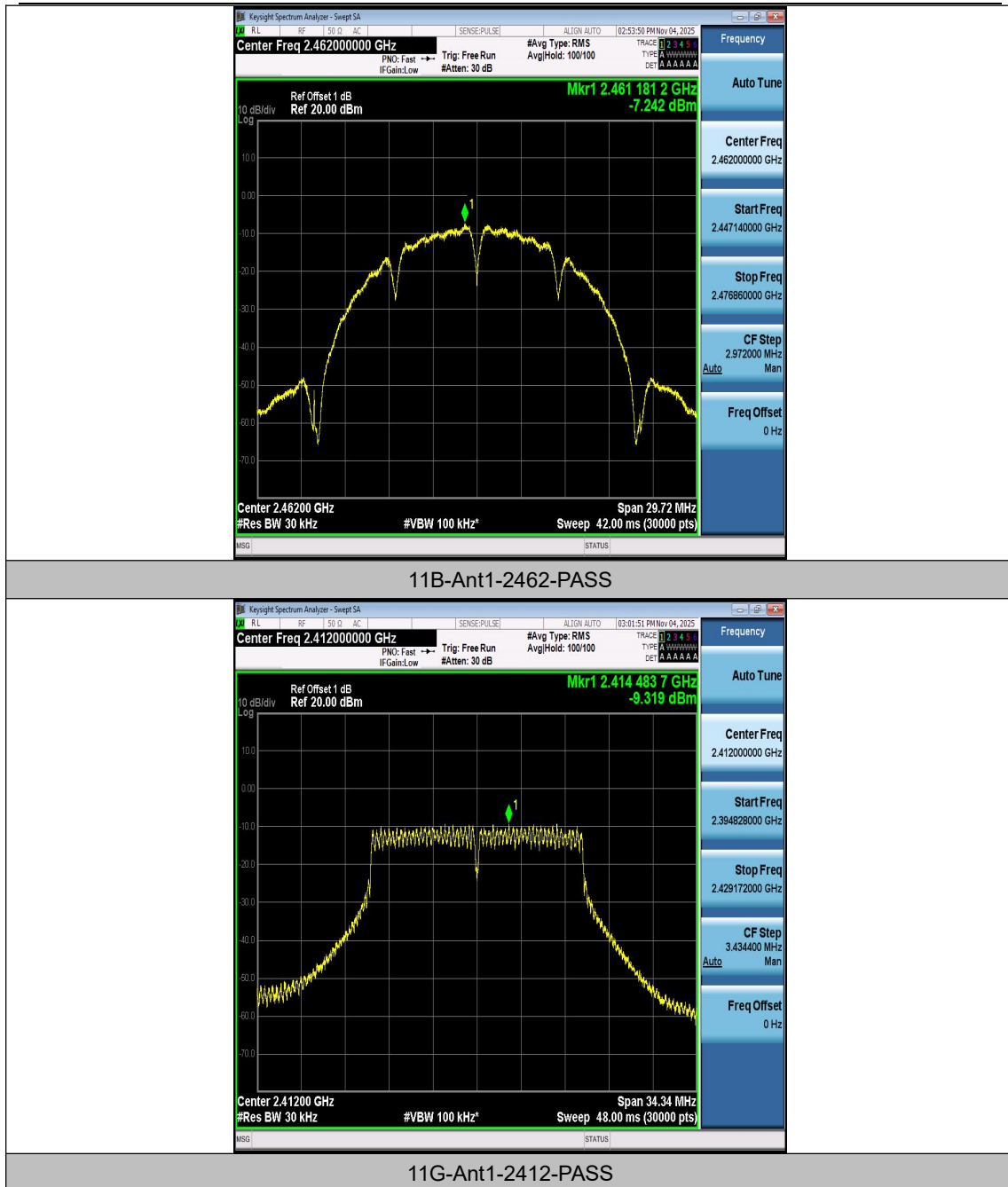
Test Graphs



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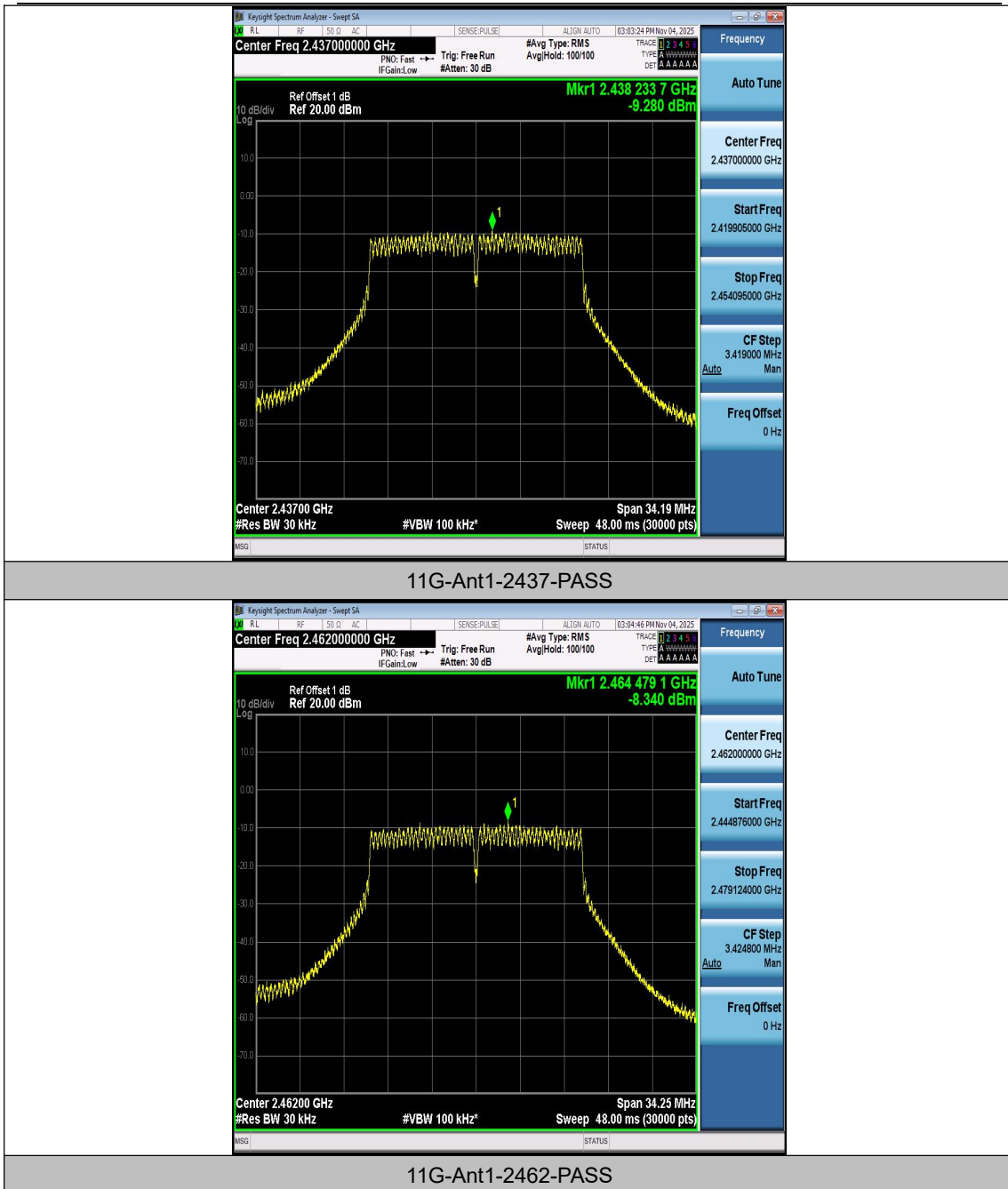
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