

Appendix Test Data

Report No.:	1811C50286112502-01	Test Sample No.:	1-2-2
Start Test Date:	2025-08-18	Finish Test Date:	2025-08-18
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	26.3°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	9.480	2407.480	2416.960	0.5	PASS
11B	Ant1	2437	10.040	2432.080	2442.120	0.5	PASS
11B	Ant1	2462	9.880	2457.200	2467.080	0.5	PASS
11G	Ant1	2412	16.400	2403.800	2420.200	0.5	PASS
11G	Ant1	2437	16.480	2428.760	2445.240	0.5	PASS
11G	Ant1	2462	16.480	2453.720	2470.200	0.5	PASS
11N20SISO	Ant1	2412	17.200	2403.400	2420.600	0.5	PASS
11N20SISO	Ant1	2437	17.240	2428.360	2445.600	0.5	PASS
11N20SISO	Ant1	2462	17.280	2453.360	2470.640	0.5	PASS
11N40SISO	Ant1	2422	35.760	2404.160	2439.920	0.5	PASS
11N40SISO	Ant1	2437	35.760	2419.160	2454.920	0.5	PASS
11N40SISO	Ant1	2452	35.680	2434.160	2469.840	0.5	PASS

Test Graphs

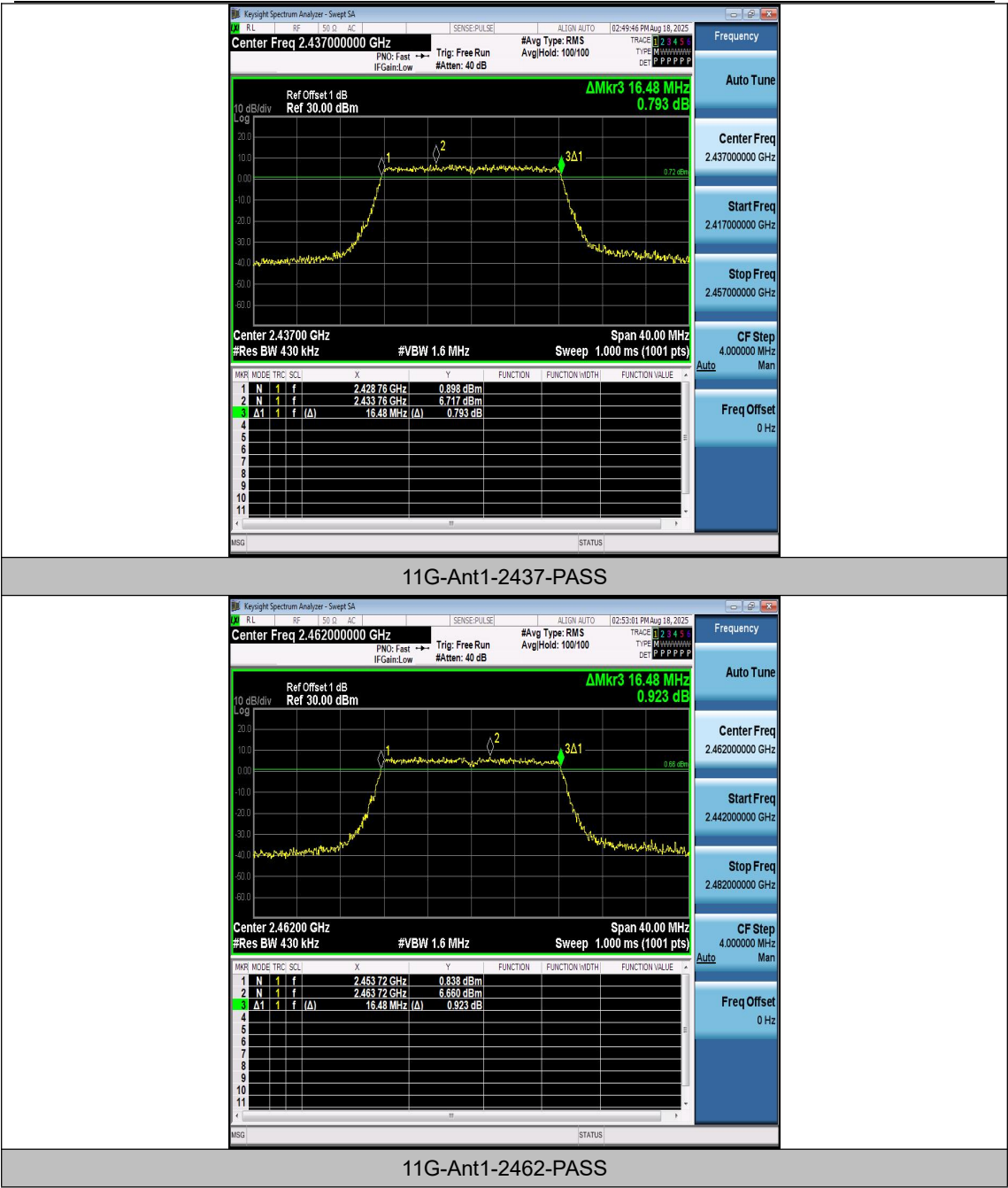


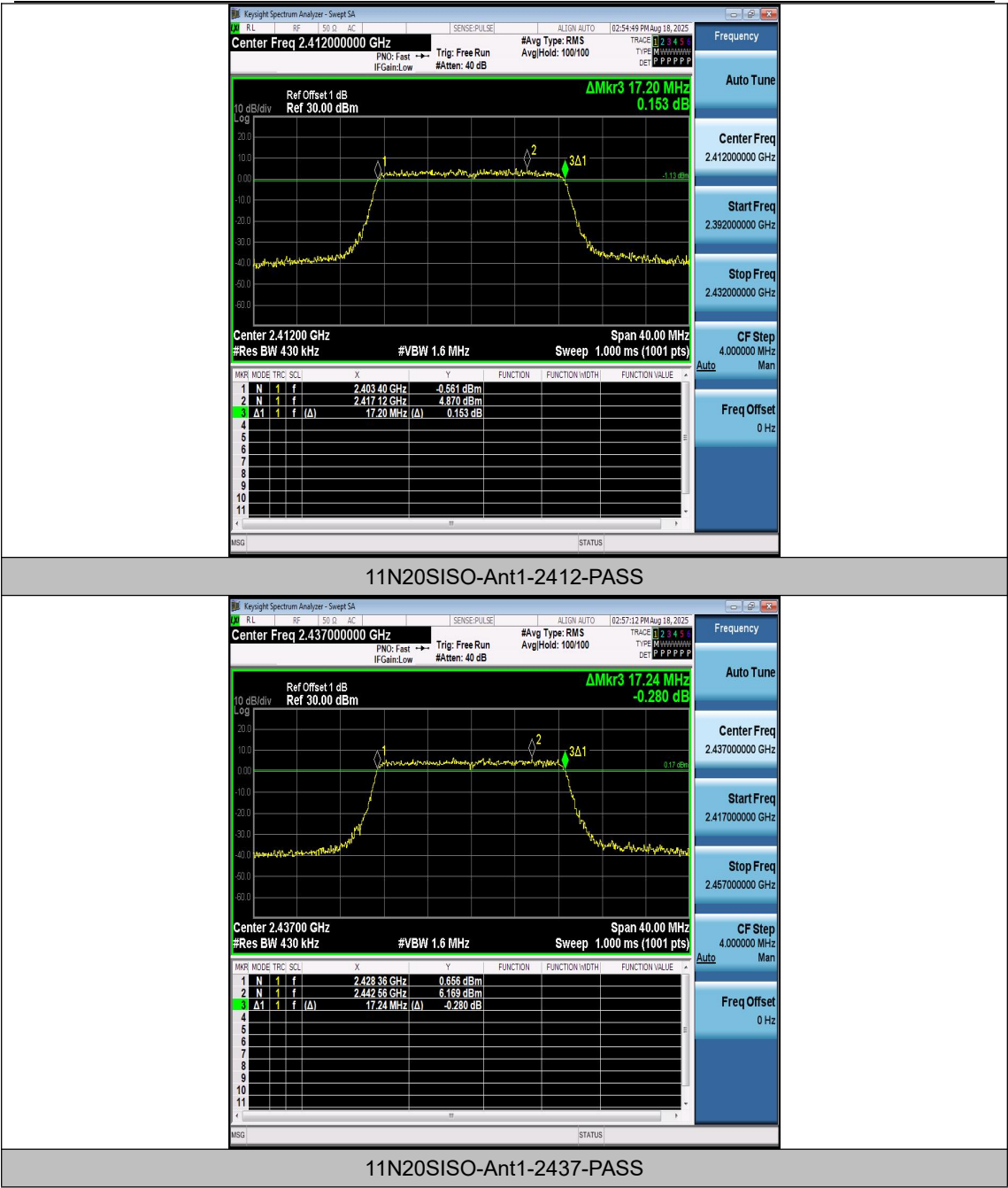
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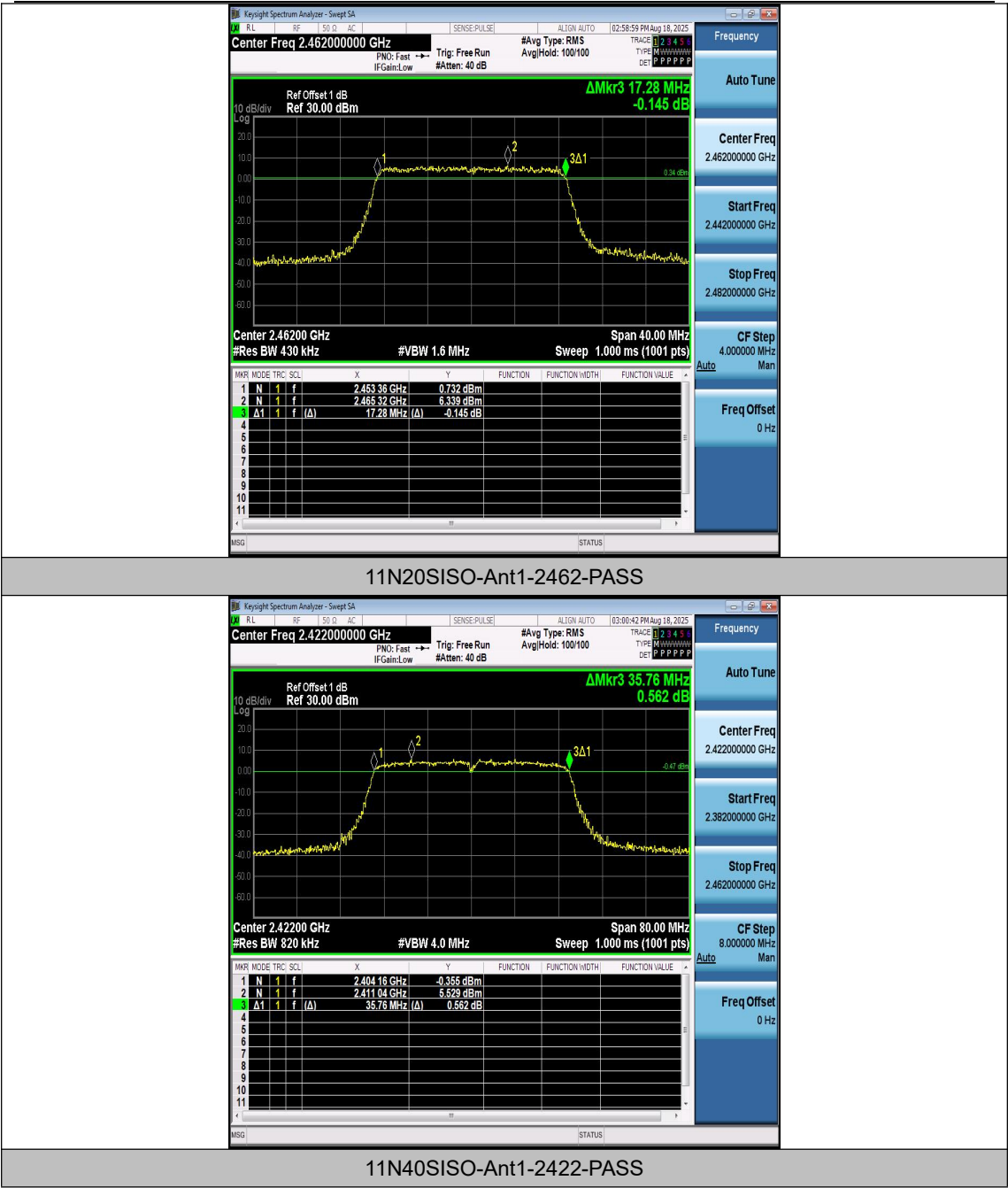
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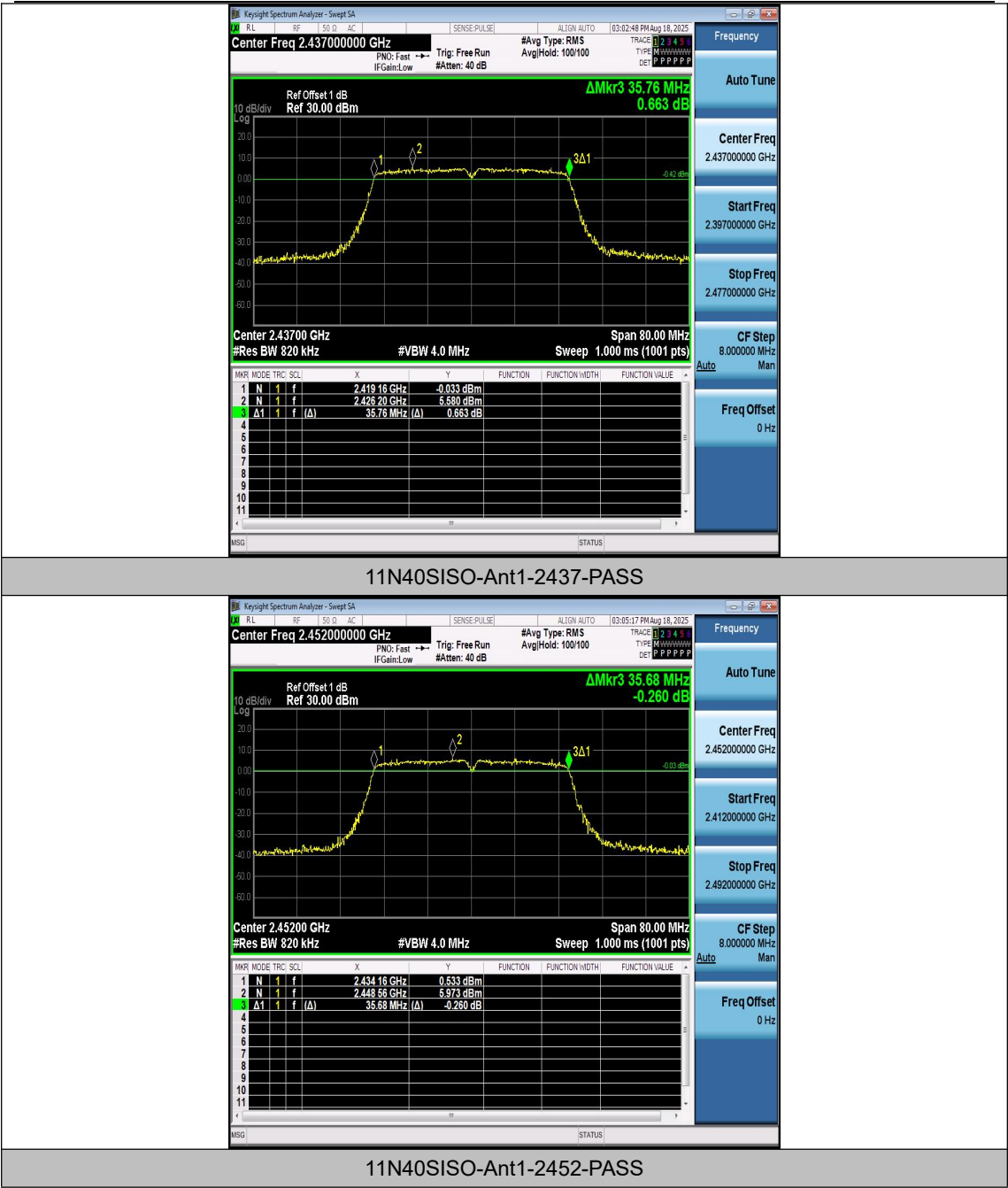
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com











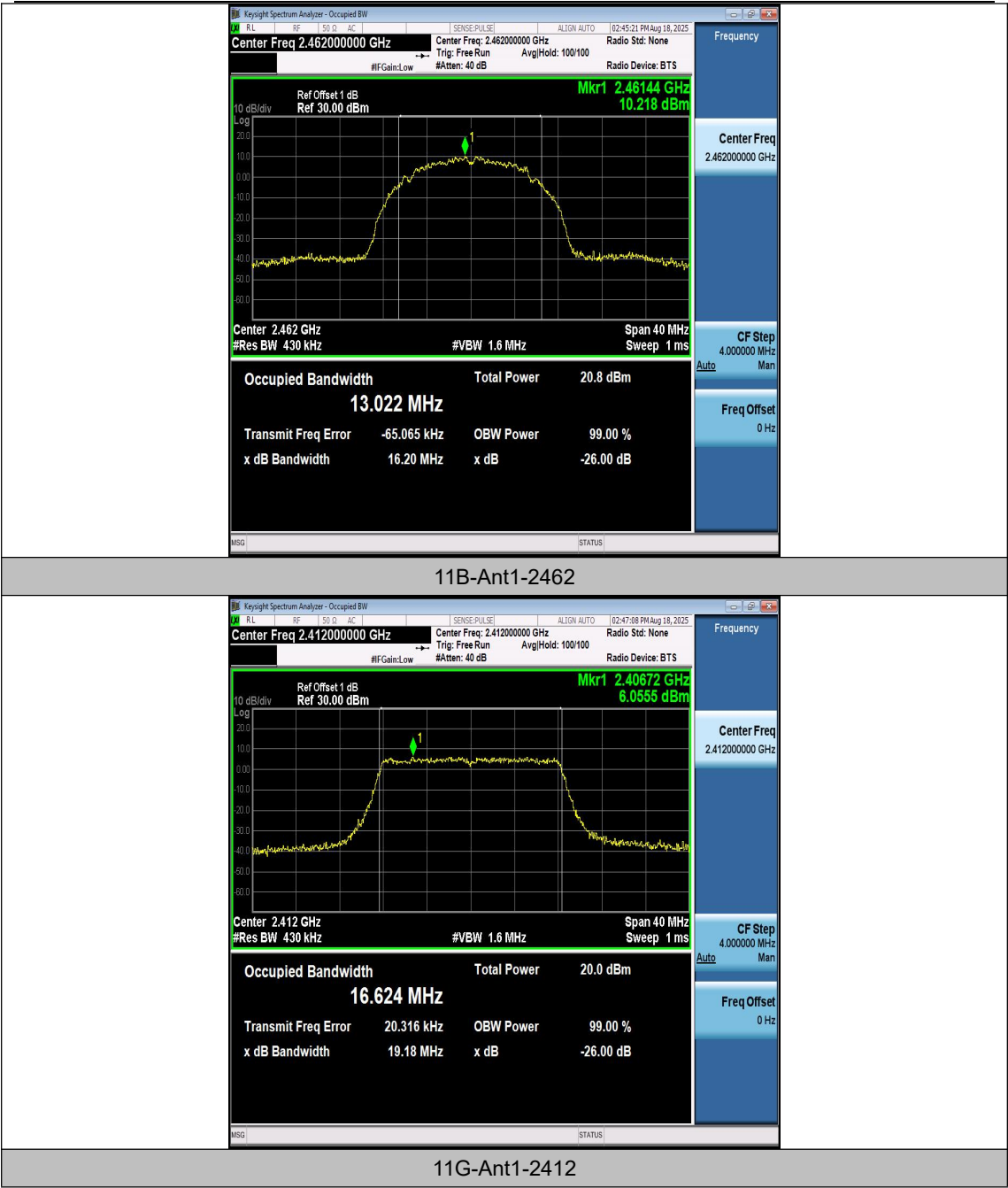
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.027	2405.4905	2418.5175	---	---
11B	Ant1	2437	13.030	2430.4571	2443.4871	---	---
11B	Ant1	2462	13.022	2455.4239	2468.4459	---	---
11G	Ant1	2412	16.624	2403.7083	2420.3323	---	---
11G	Ant1	2437	16.649	2428.6907	2445.3397	---	---
11G	Ant1	2462	16.572	2453.7057	2470.2777	---	---
11N20SISO	Ant1	2412	17.329	2403.3251	2420.6541	---	---
11N20SISO	Ant1	2437	17.355	2428.3252	2445.6802	---	---
11N20SISO	Ant1	2462	17.396	2453.3007	2470.6967	---	---
11N40SISO	Ant1	2422	35.929	2404.0692	2439.9982	---	---
11N40SISO	Ant1	2437	35.901	2419.0950	2454.9960	---	---
11N40SISO	Ant1	2452	35.927	2434.0837	2470.0107	---	---

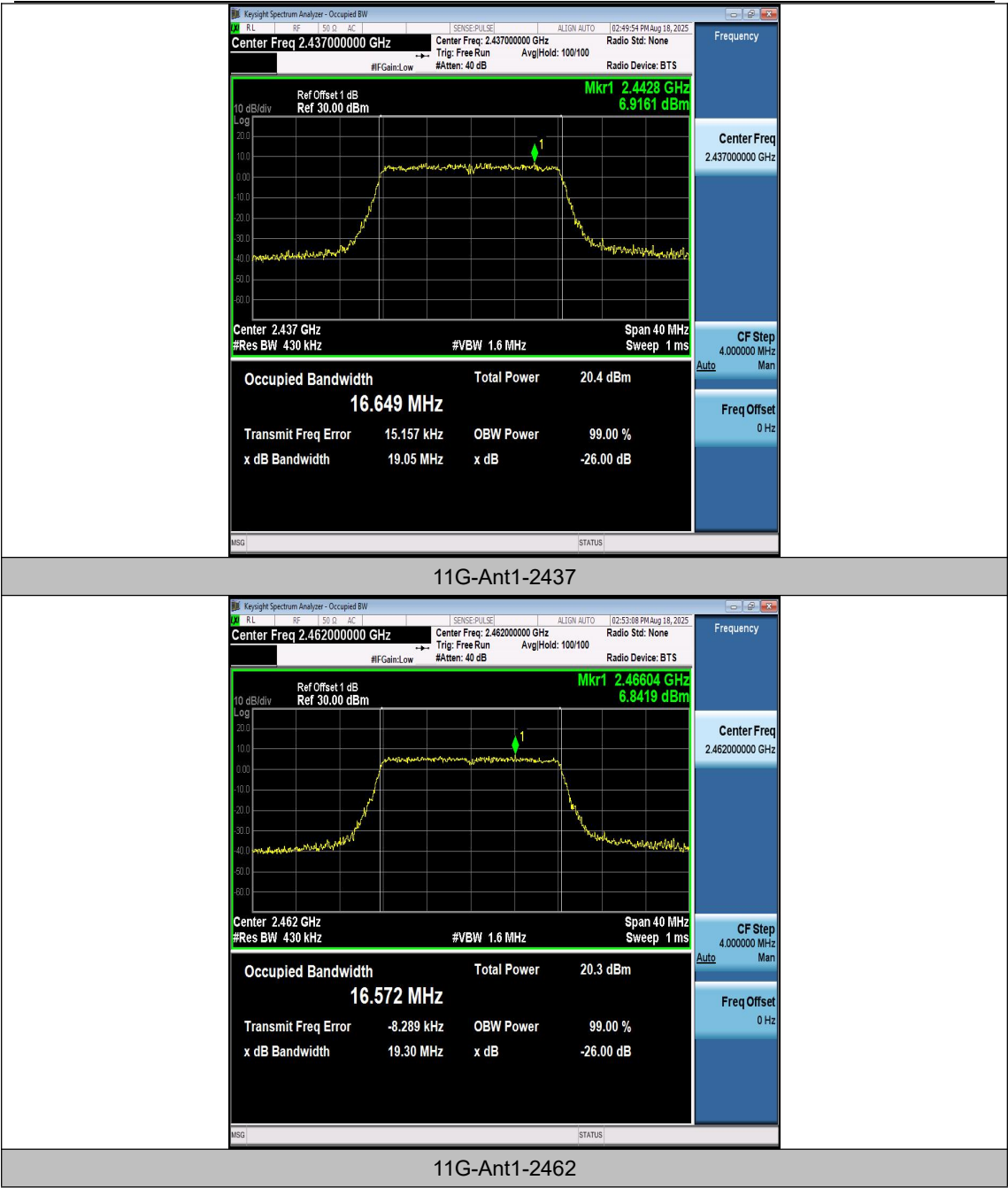
Test Graphs

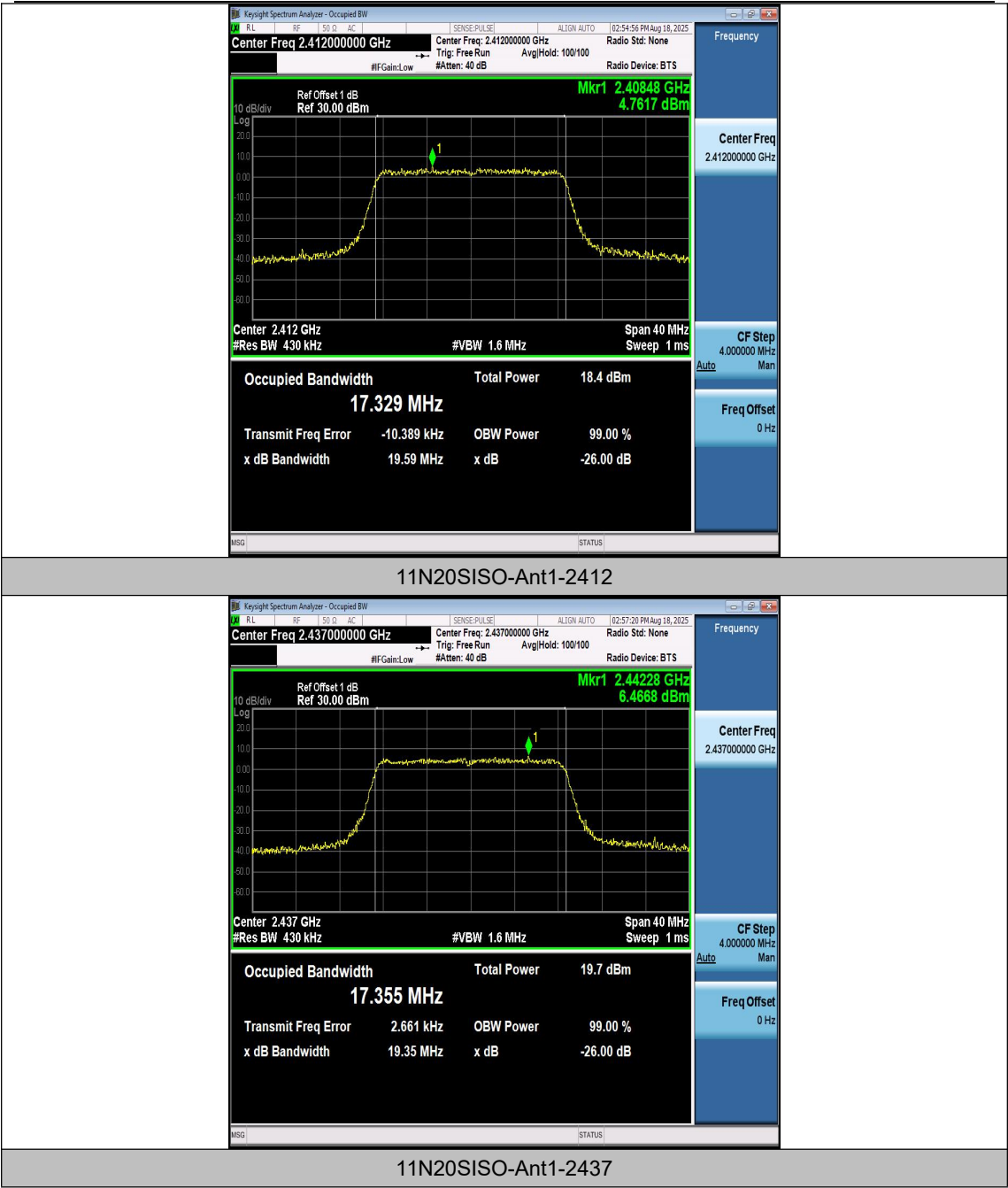


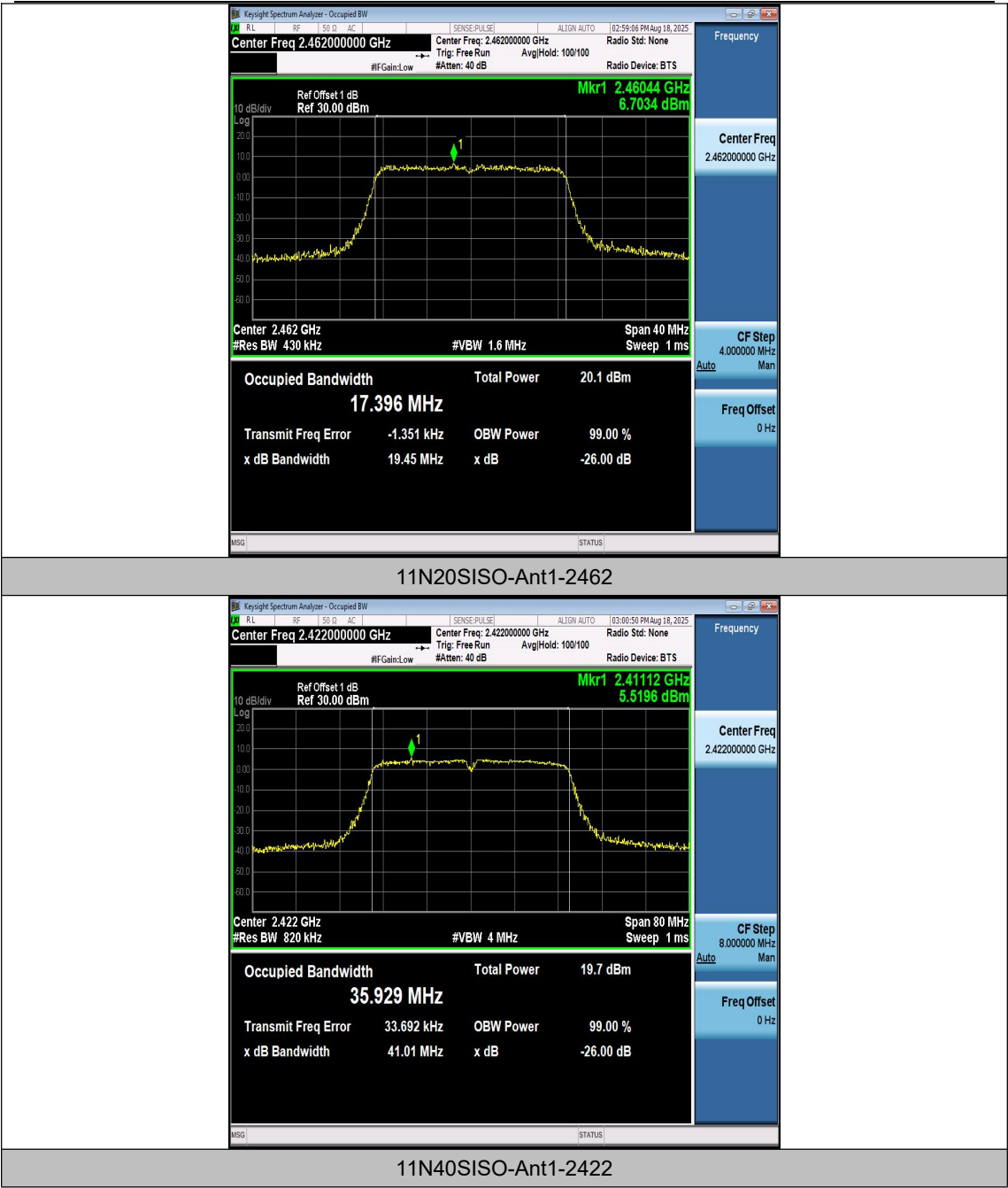


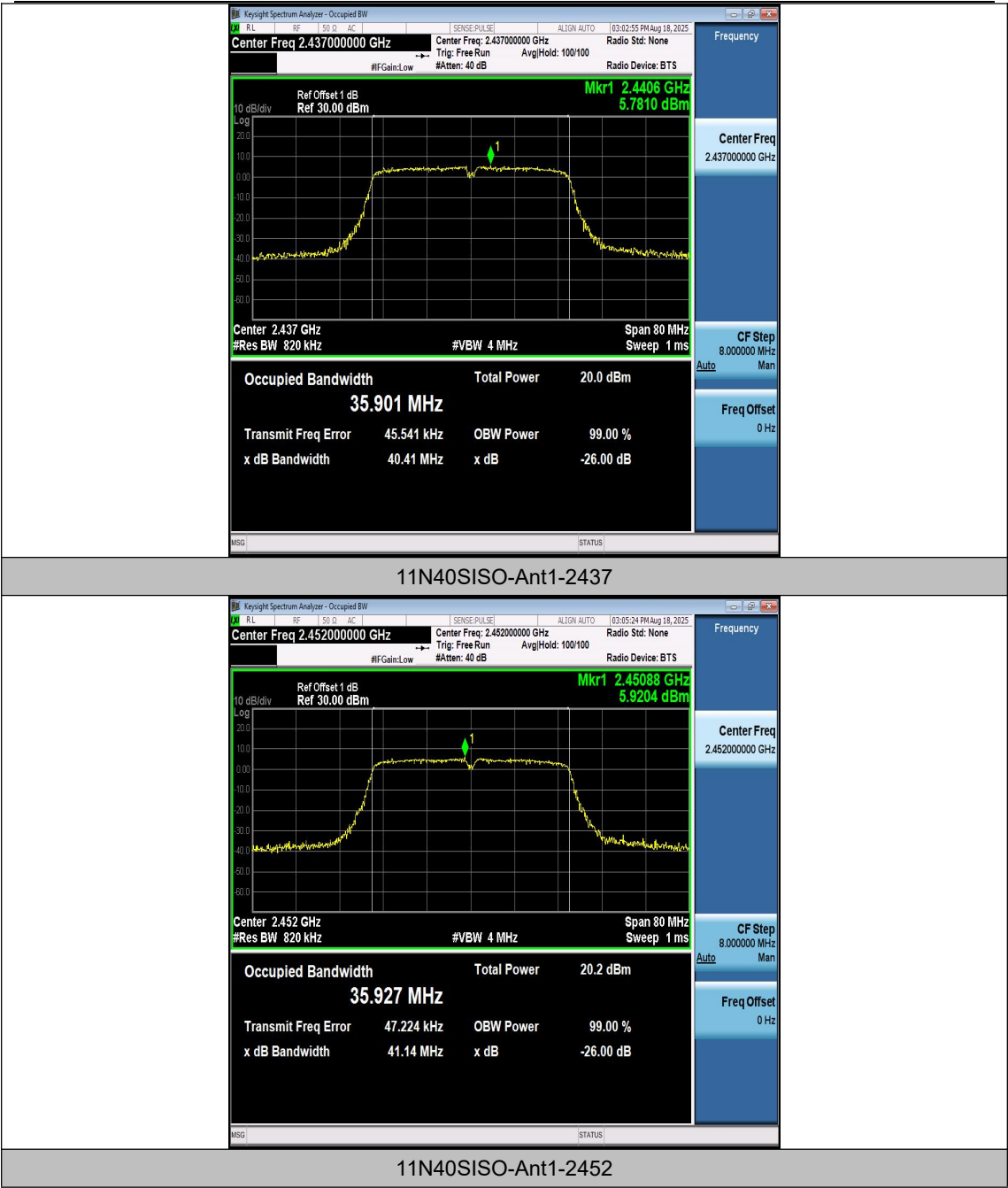
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Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency [MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	13.29	100.00	0.00	13.29	≤30.00	PASS
11B	Ant1	2437	13.62	100.00	0.00	13.62	≤30.00	PASS
11B	Ant1	2462	13.98	100.00	0.00	13.98	≤30.00	PASS
11G	Ant1	2412	13.90	100.00	0.00	13.90	≤30.00	PASS
11G	Ant1	2437	14.25	100.00	0.00	14.25	≤30.00	PASS
11G	Ant1	2462	14.21	100.00	0.00	14.21	≤30.00	PASS
11N20SISO	Ant1	2412	12.20	100.00	0.00	12.20	≤30.00	PASS
11N20SISO	Ant1	2437	13.52	100.00	0.00	13.52	≤30.00	PASS
11N20SISO	Ant1	2462	14.02	100.00	0.00	14.02	≤30.00	PASS
11N40SISO	Ant1	2422	12.73	100.00	0.00	12.73	≤30.00	PASS
11N40SISO	Ant1	2437	12.89	100.00	0.00	12.89	≤30.00	PASS
11N40SISO	Ant1	2452	13.24	100.00	0.00	13.24	≤30.00	PASS

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

Test Graphs Average

