

Appendix Test Data

Report No.:	1812C60351212502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-6-25	Finish Test Date:	2026-7-6
Test Engineer:	Huisen Guan	Auditor:	Justin Feng
Temperature:	26.9℃	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	9.600	2407.200	2416.800	0.5	PASS
11B	Ant1	2437	9.560	2432.200	2441.760	0.5	PASS
11B	Ant1	2462	9.360	2457.200	2466.560	0.5	PASS
11G	Ant1	2412	16.240	2403.840	2420.080	0.5	PASS
11G	Ant1	2437	16.320	2428.720	2445.040	0.5	PASS
11G	Ant1	2462	16.160	2453.960	2470.120	0.5	PASS
11N20SISO	Ant1	2412	17.320	2403.280	2420.600	0.5	PASS
11N20SISO	Ant1	2437	17.480	2428.200	2445.680	0.5	PASS
11N20SISO	Ant1	2462	17.160	2453.440	2470.600	0.5	PASS
11N40SISO	Ant1	2422	35.680	2404.000	2439.680	0.5	PASS
11N40SISO	Ant1	2437	35.760	2419.000	2454.760	0.5	PASS
11N40SISO	Ant1	2452	35.680	2434.000	2469.680	0.5	PASS
11AX20SISO	Ant1	2412	17.800	2403.000	2420.800	0.5	PASS
11AX20SISO	Ant1	2437	18.000	2427.720	2445.720	0.5	PASS
11AX20SISO	Ant1	2462	18.320	2452.680	2471.000	0.5	PASS
11AX40SISO	Ant1	2422	37.920	2402.960	2440.880	0.5	PASS
11AX40SISO	Ant1	2437	36.720	2418.280	2455.000	0.5	PASS
11AX40SISO	Ant1	2452	37.040	2433.360	2470.400	0.5	PASS

Test Graphs



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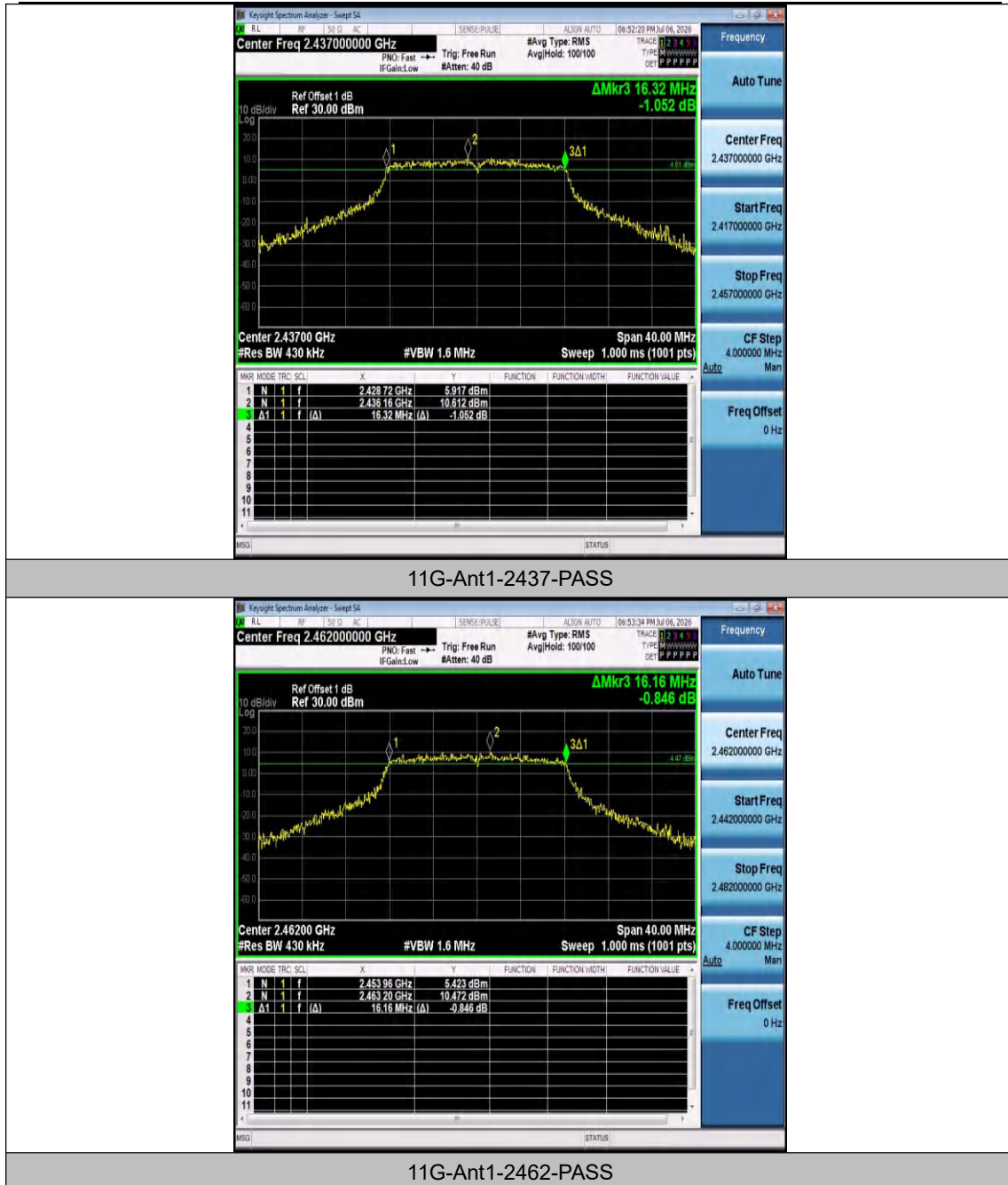
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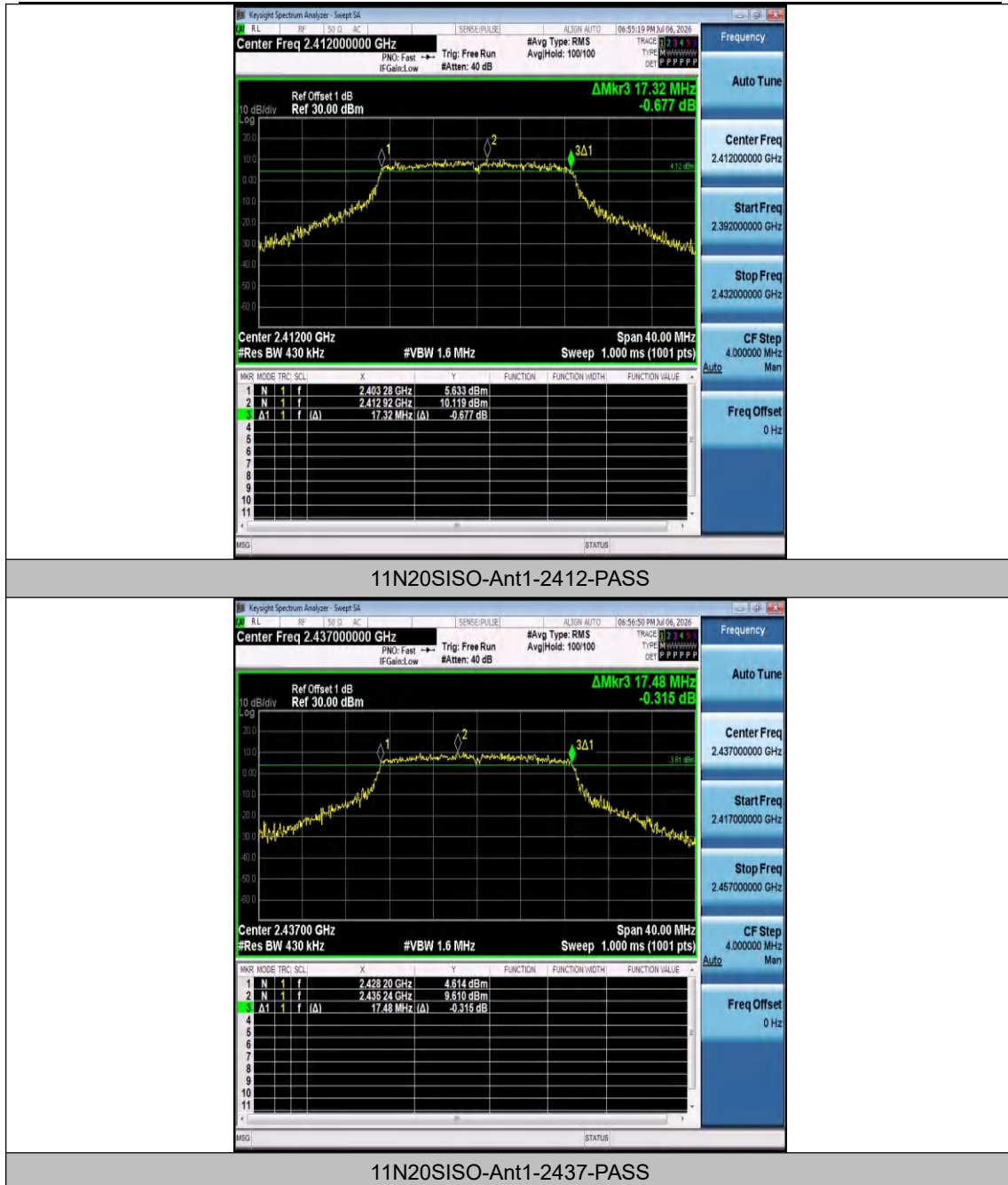
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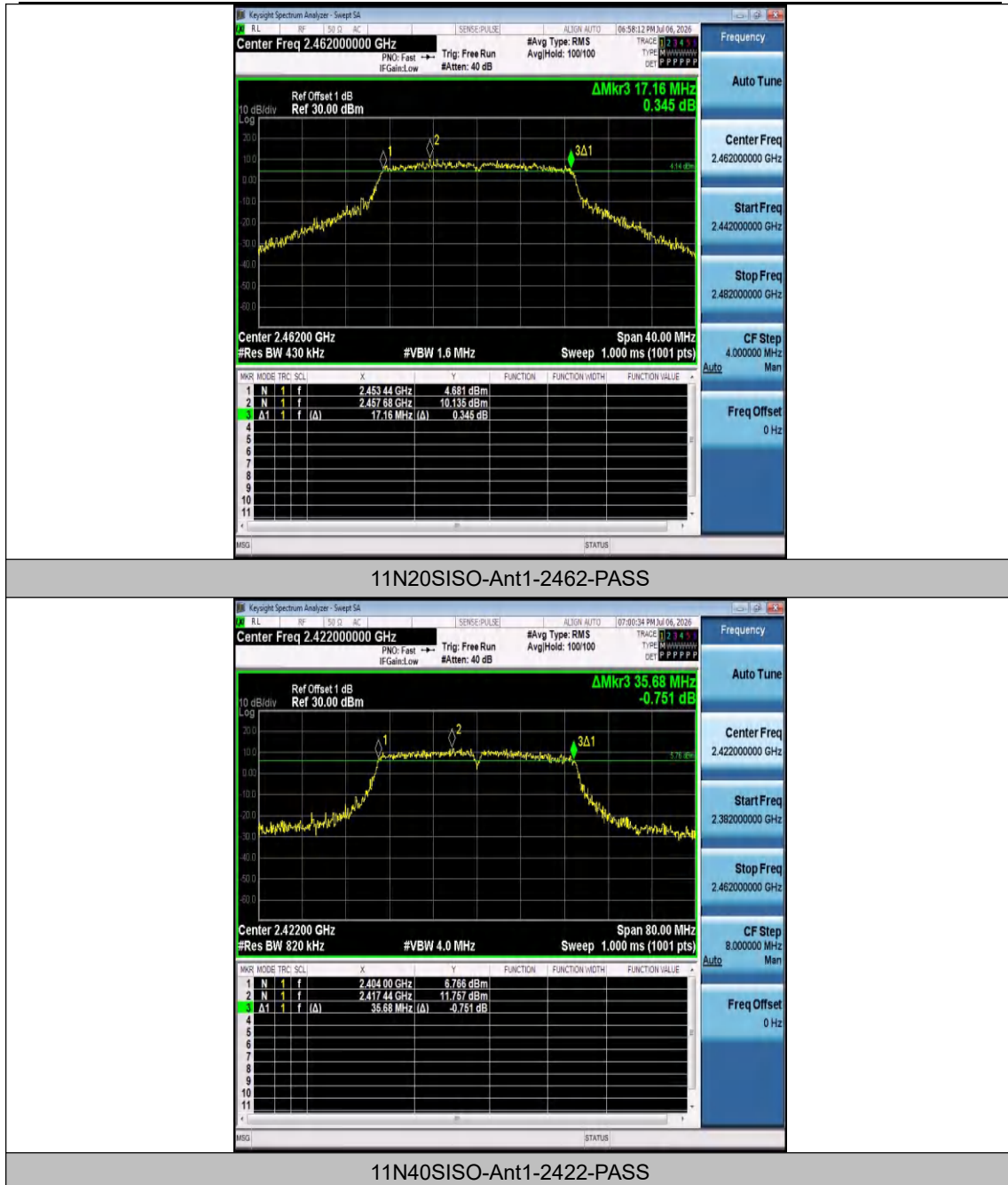
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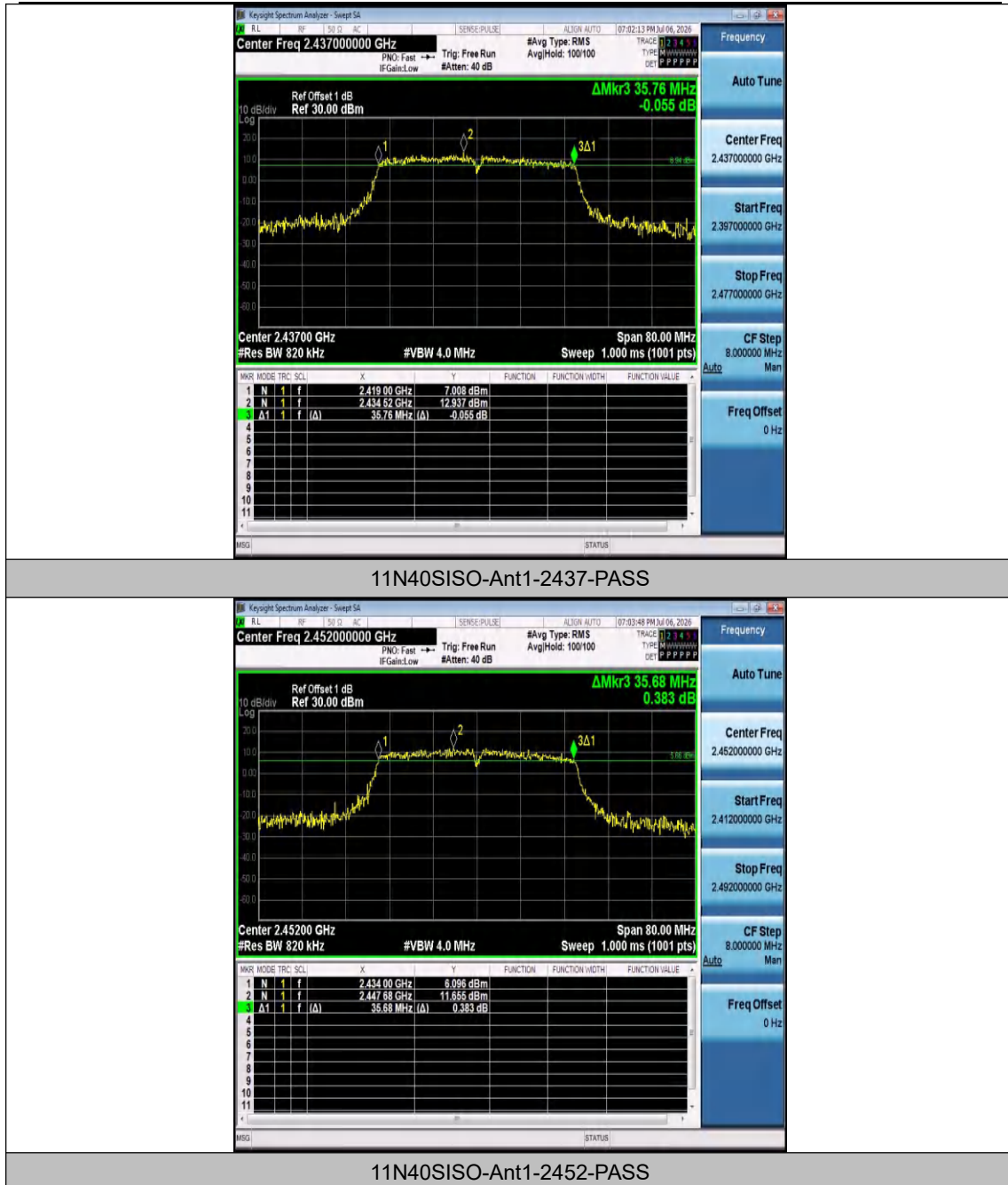
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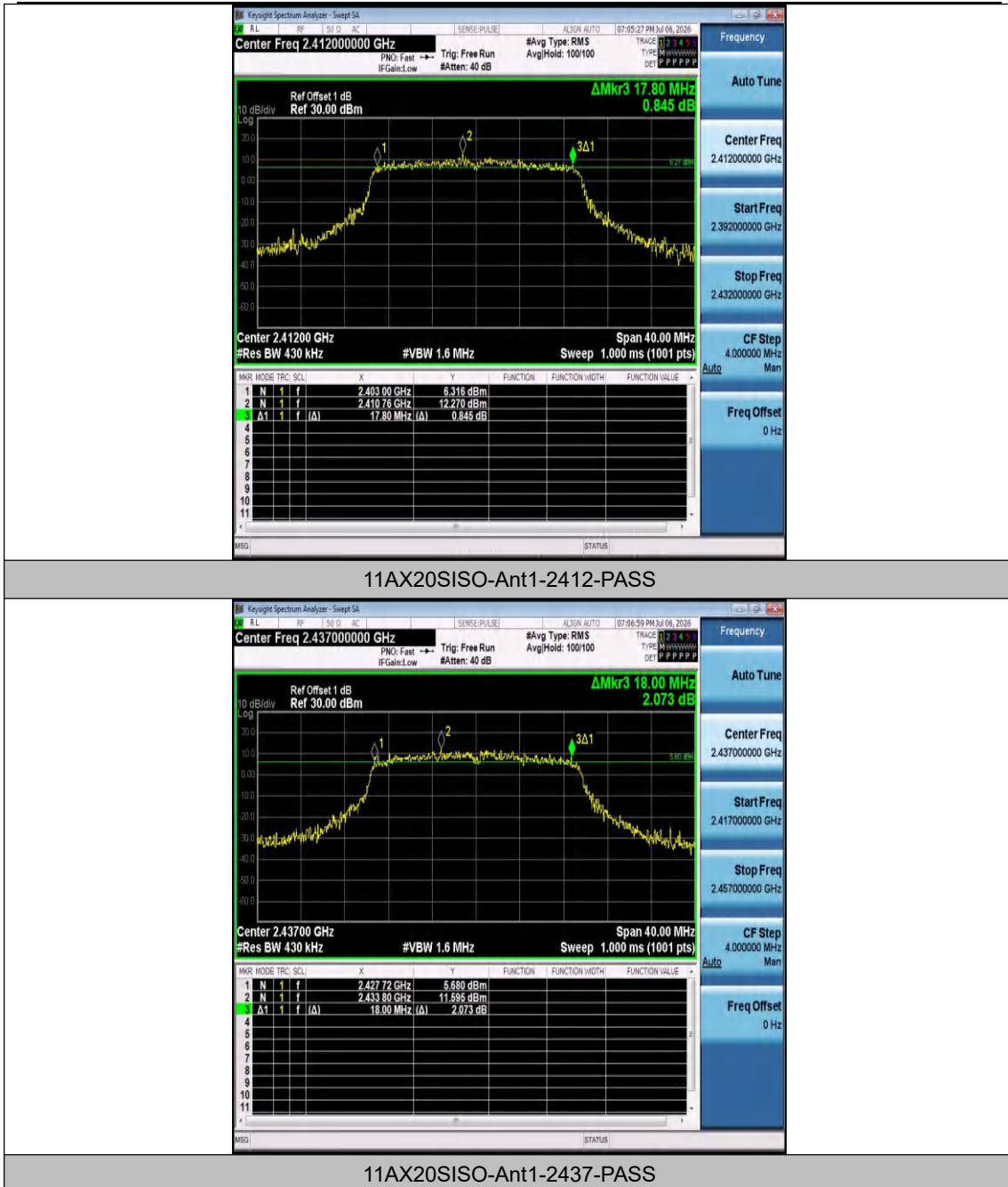
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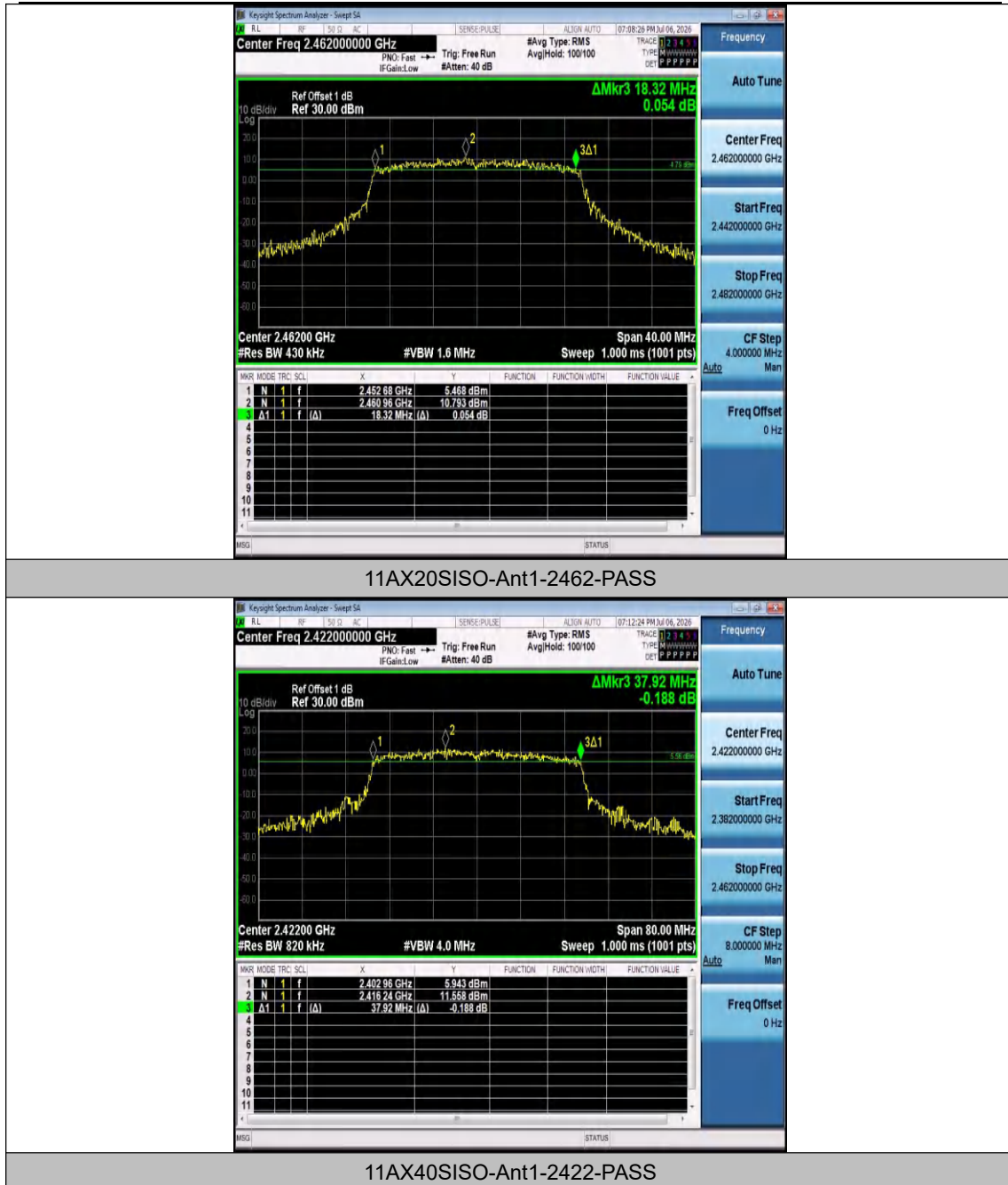


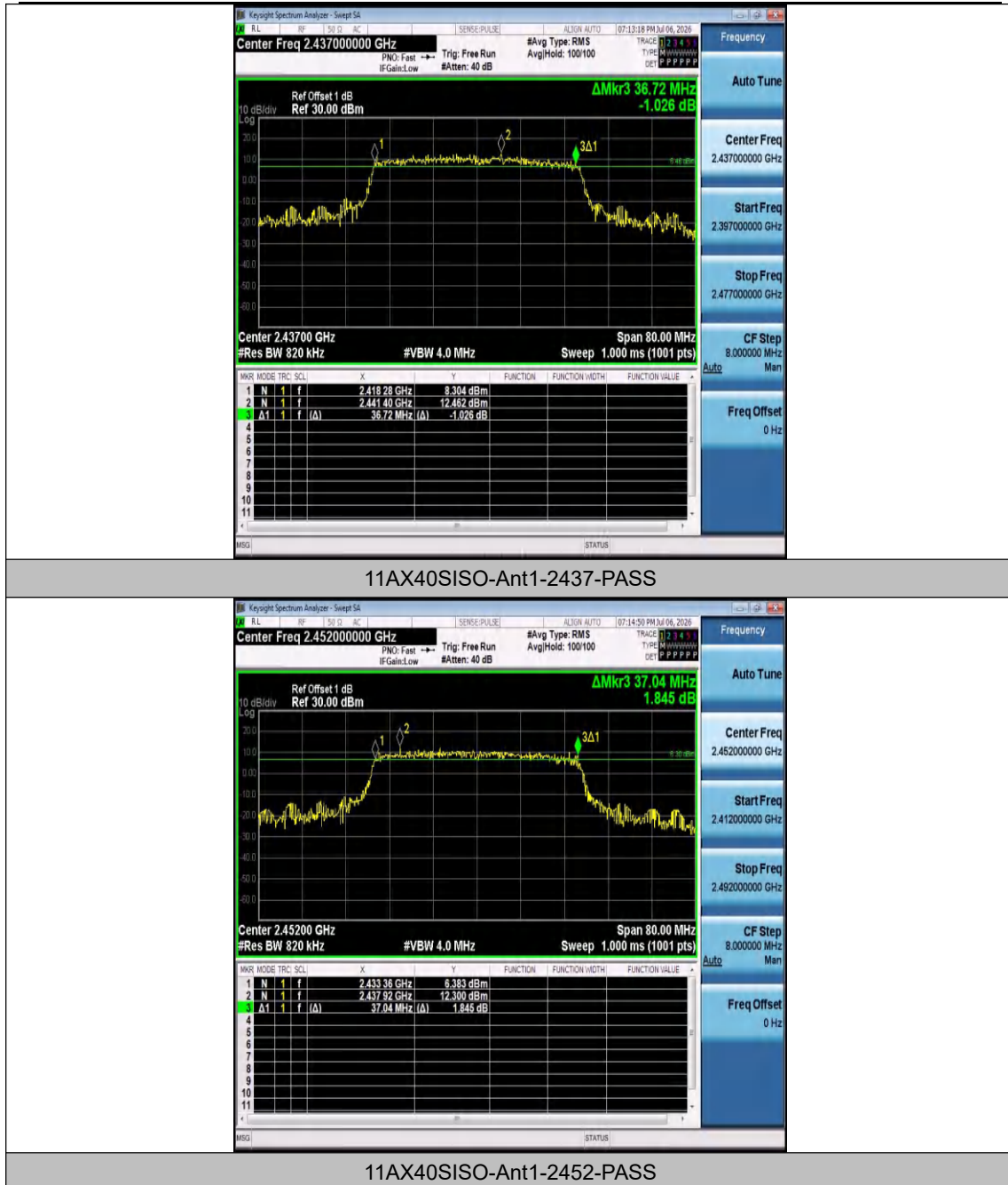
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.201	2405.4169	2418.6179	---	---
11B	Ant1	2437	13.150	2430.4246	2443.5746	---	---
11B	Ant1	2462	13.107	2455.4487	2468.5557	---	---
11G	Ant1	2412	16.984	2403.4484	2420.4324	---	---
11G	Ant1	2437	16.935	2428.5186	2445.4536	---	---
11G	Ant1	2462	17.038	2453.4436	2470.4816	---	---
11N20SISO	Ant1	2412	18.125	2402.8524	2420.9774	---	---
11N20SISO	Ant1	2437	18.159	2427.8586	2446.0176	---	---
11N20SISO	Ant1	2462	18.145	2452.8714	2471.0164	---	---
11N40SISO	Ant1	2422	36.352	2403.7426	2440.0946	---	---
11N40SISO	Ant1	2437	36.306	2418.8101	2455.1161	---	---
11N40SISO	Ant1	2452	36.416	2433.7598	2470.1758	---	---
11AX20SISO	Ant1	2412	18.853	2402.5972	2421.4502	---	---
11AX20SISO	Ant1	2437	18.872	2427.5430	2446.4150	---	---
11AX20SISO	Ant1	2462	18.887	2452.5547	2471.4417	---	---
11AX40SISO	Ant1	2422	37.967	2402.9929	2440.9599	---	---
11AX40SISO	Ant1	2437	38.054	2417.9400	2455.9940	---	---
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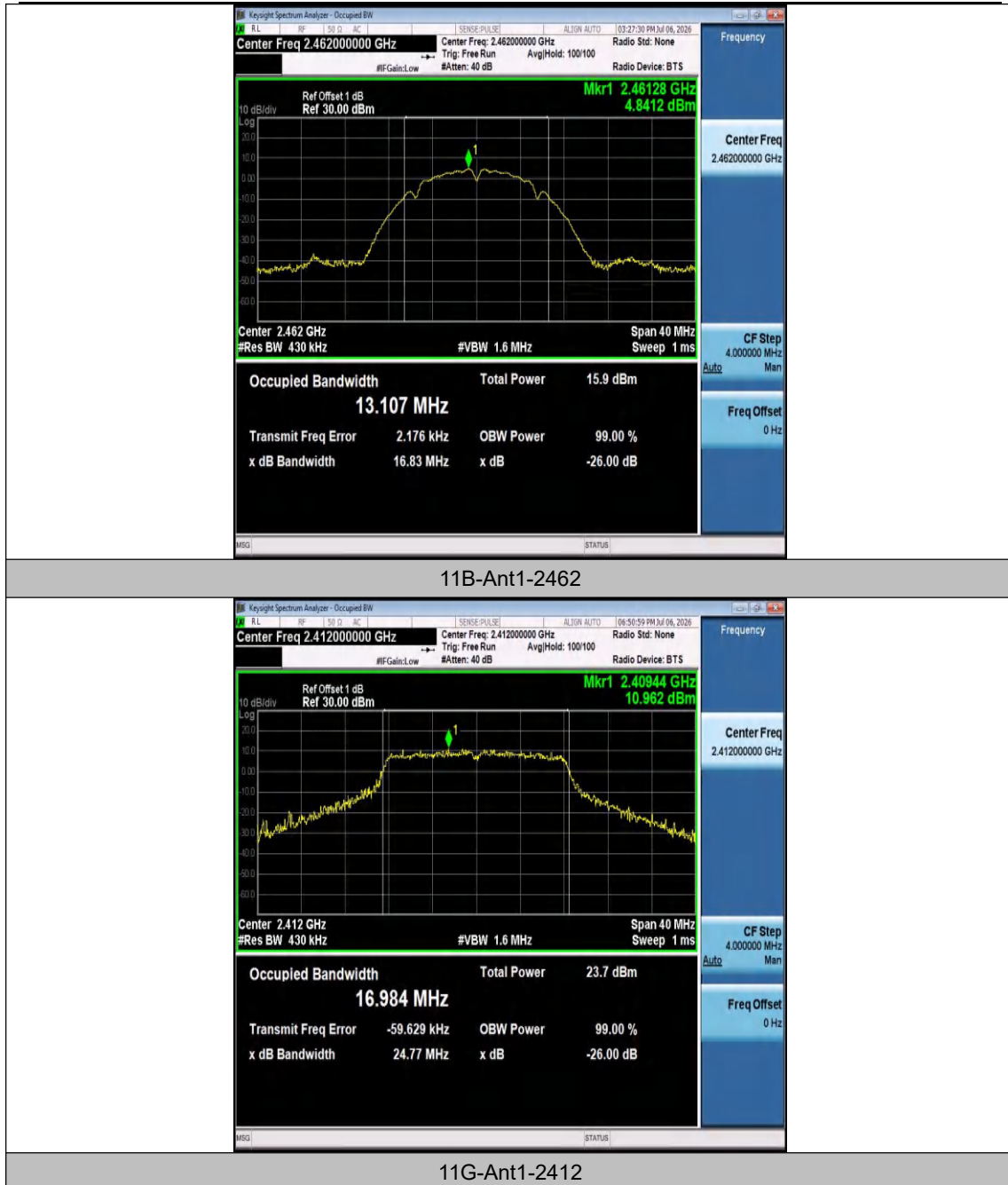
Test Graphs



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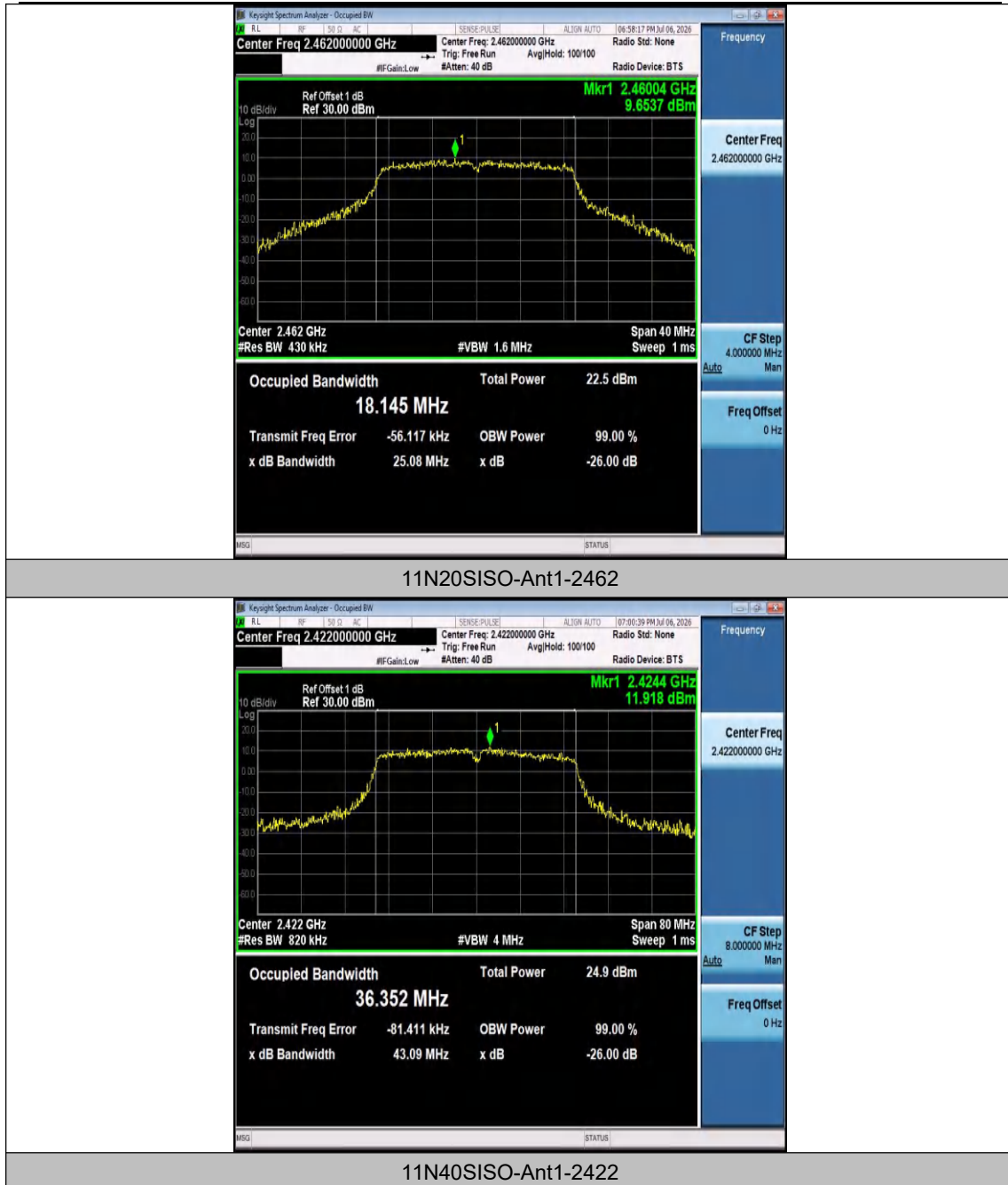
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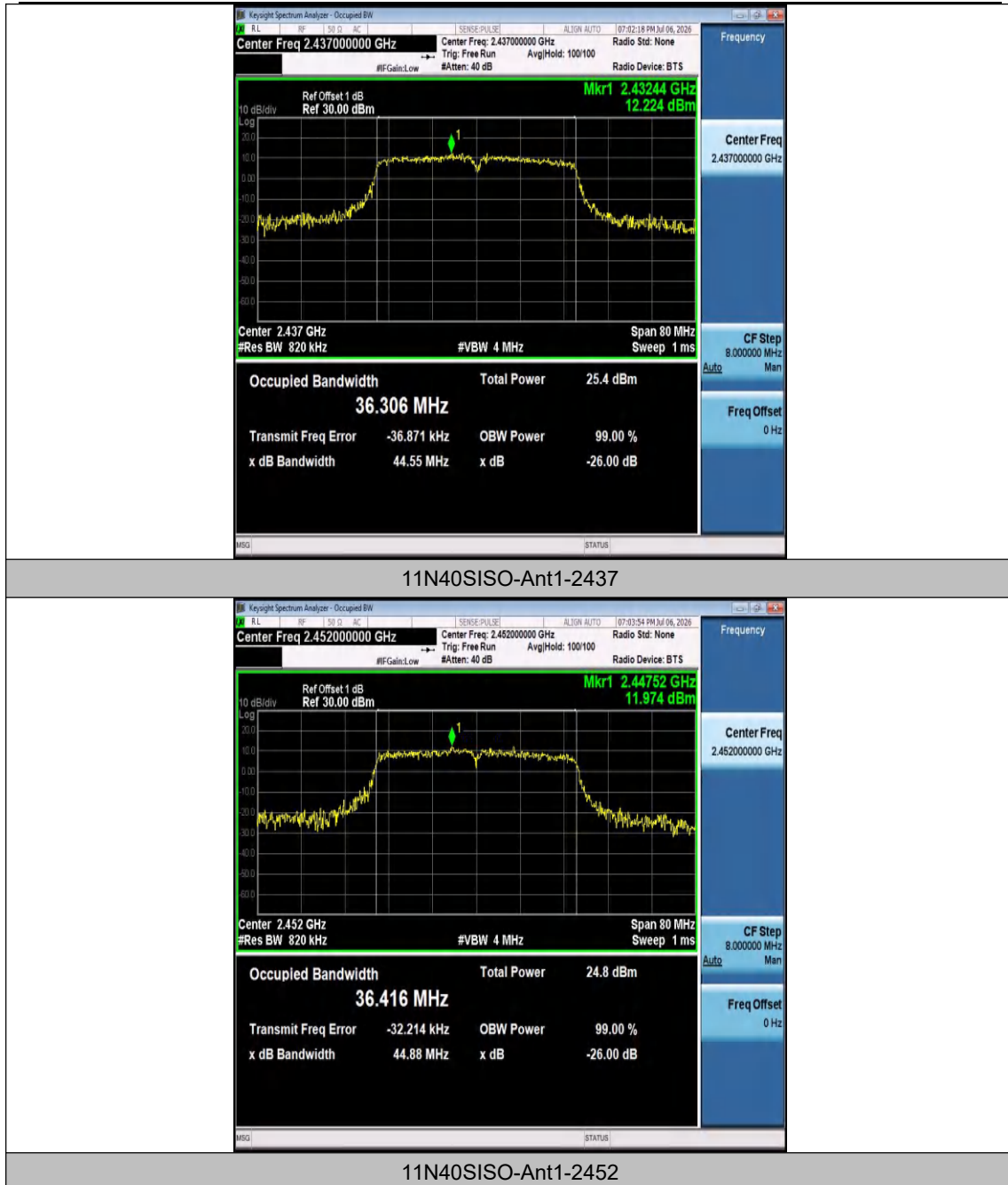
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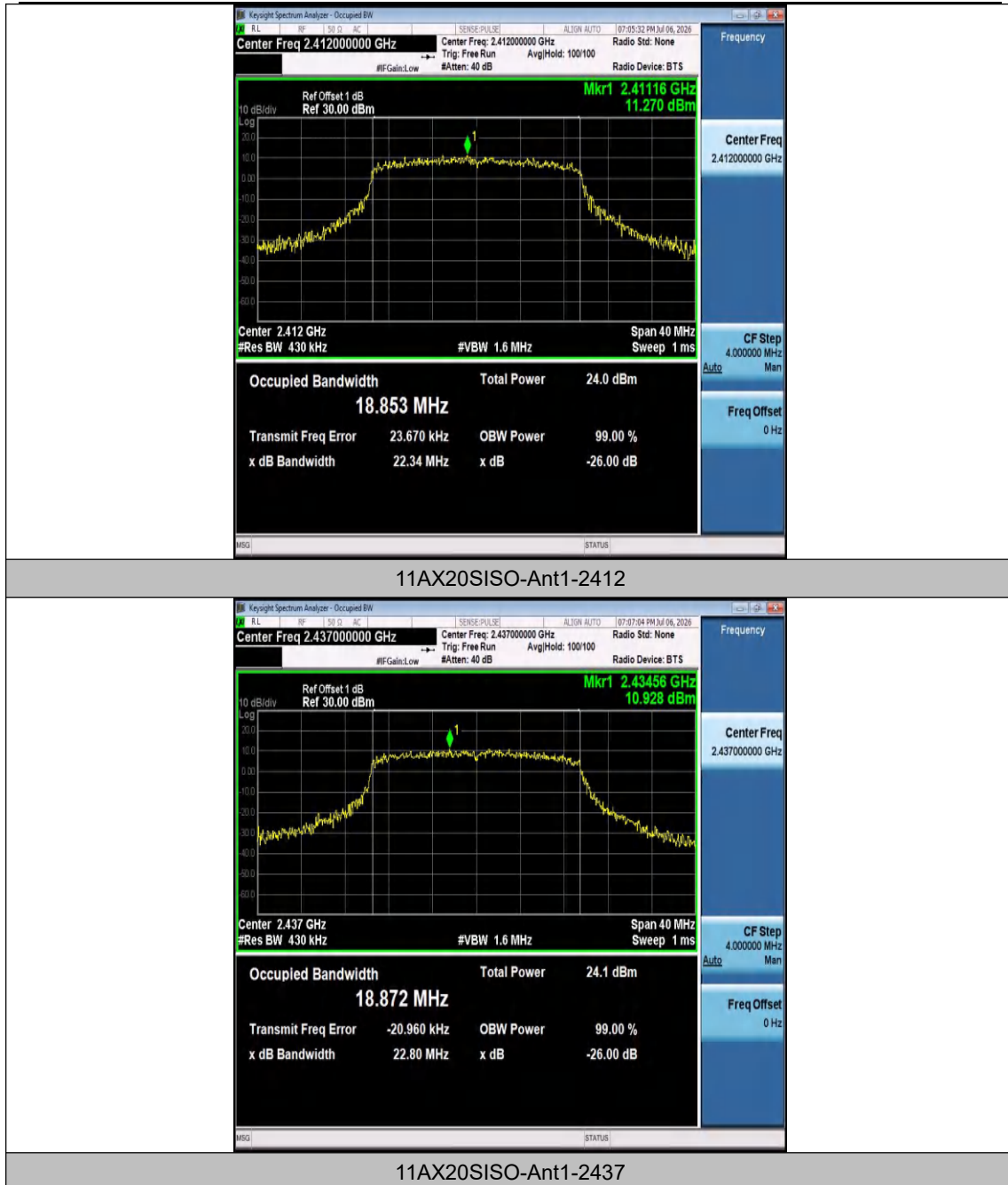
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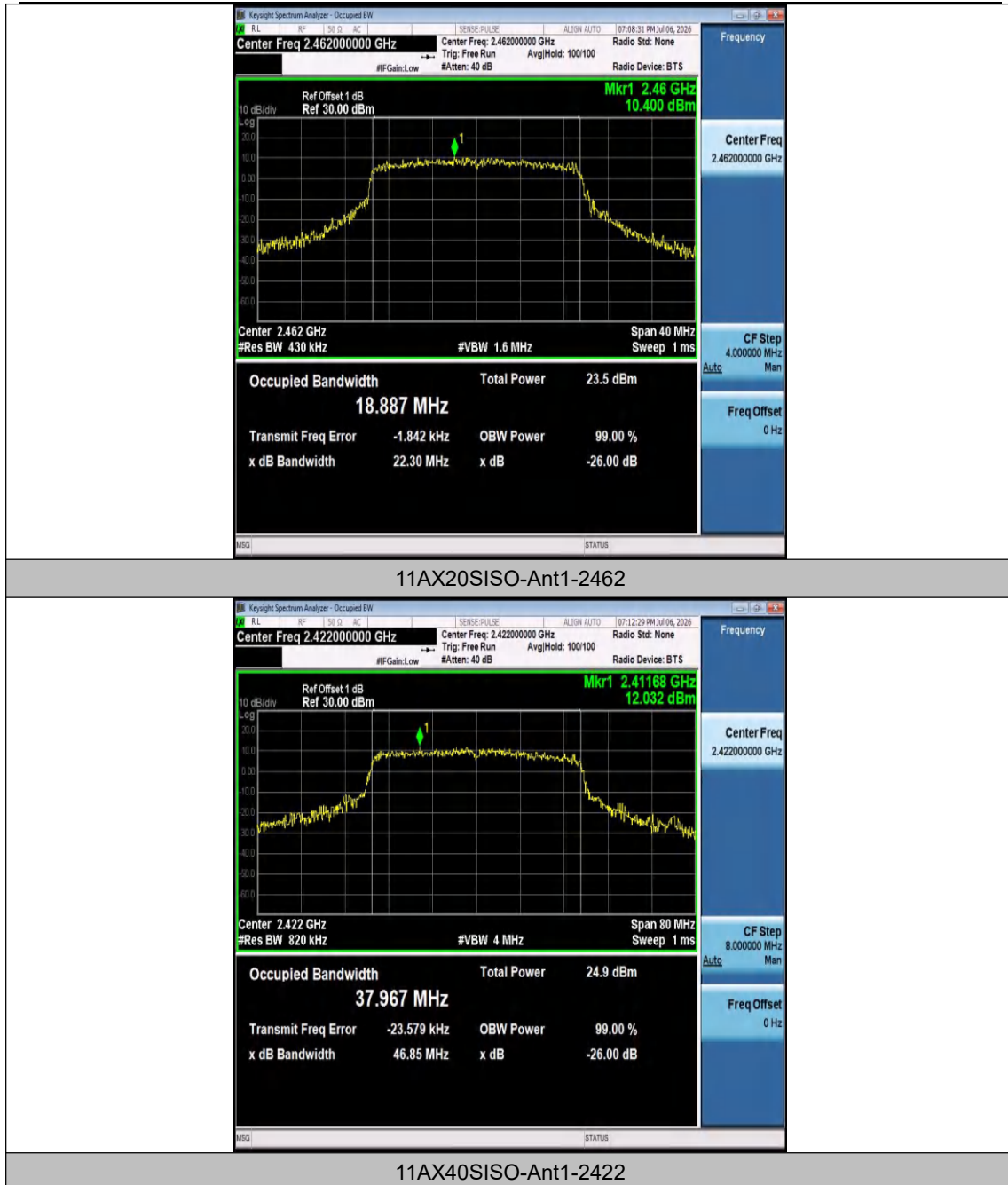
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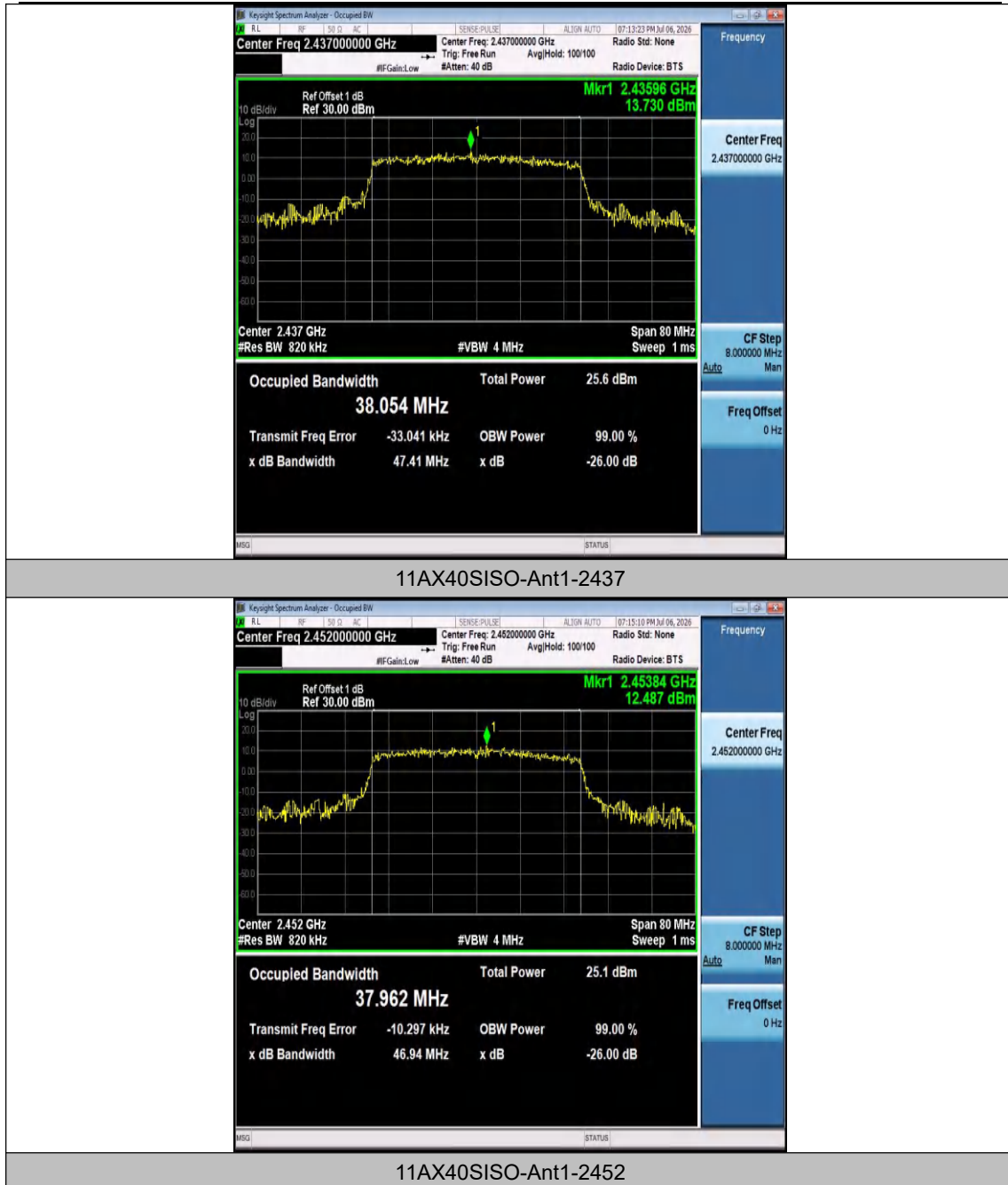
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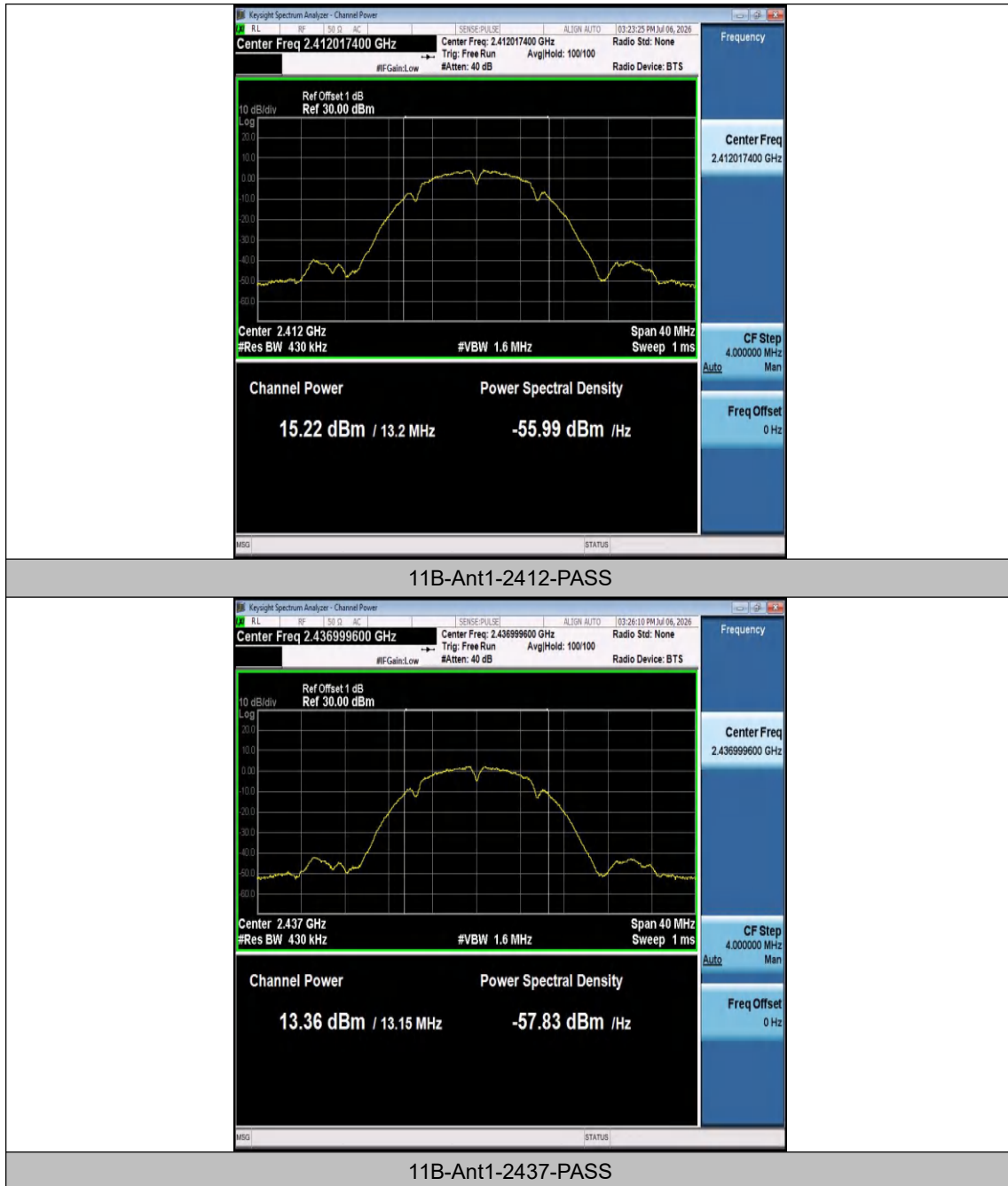
Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	15.22	≤30.00	PASS
11B	Ant1	2437	13.36	≤30.00	PASS
11B	Ant1	2462	12.00	≤30.00	PASS
11G	Ant1	2412	14.41	≤30.00	PASS
11G	Ant1	2437	14.28	≤30.00	PASS
11G	Ant1	2462	13.12	≤30.00	PASS
11N20SISO	Ant1	2412	13.68	≤30.00	PASS
11N20SISO	Ant1	2437	13.51	≤30.00	PASS
11N20SISO	Ant1	2462	13.37	≤30.00	PASS
11N40SISO	Ant1	2422	13.63	≤30.00	PASS
11N40SISO	Ant1	2437	14.47	≤30.00	PASS
11N40SISO	Ant1	2452	14.59	≤30.00	PASS
11AX20SISO	Ant1	2412	13.63	≤30.00	PASS
11AX20SISO	Ant1	2437	13.89	≤30.00	PASS
11AX20SISO	Ant1	2462	13.28	≤30.00	PASS
11AX40SISO	Ant1	2422	13.16	≤30.00	PASS
11AX40SISO	Ant1	2437	13.95	≤30.00	PASS
11AX40SISO	Ant1	2452	13.32	≤30.00	PASS

Note: The cable loss are compensated in the graph.

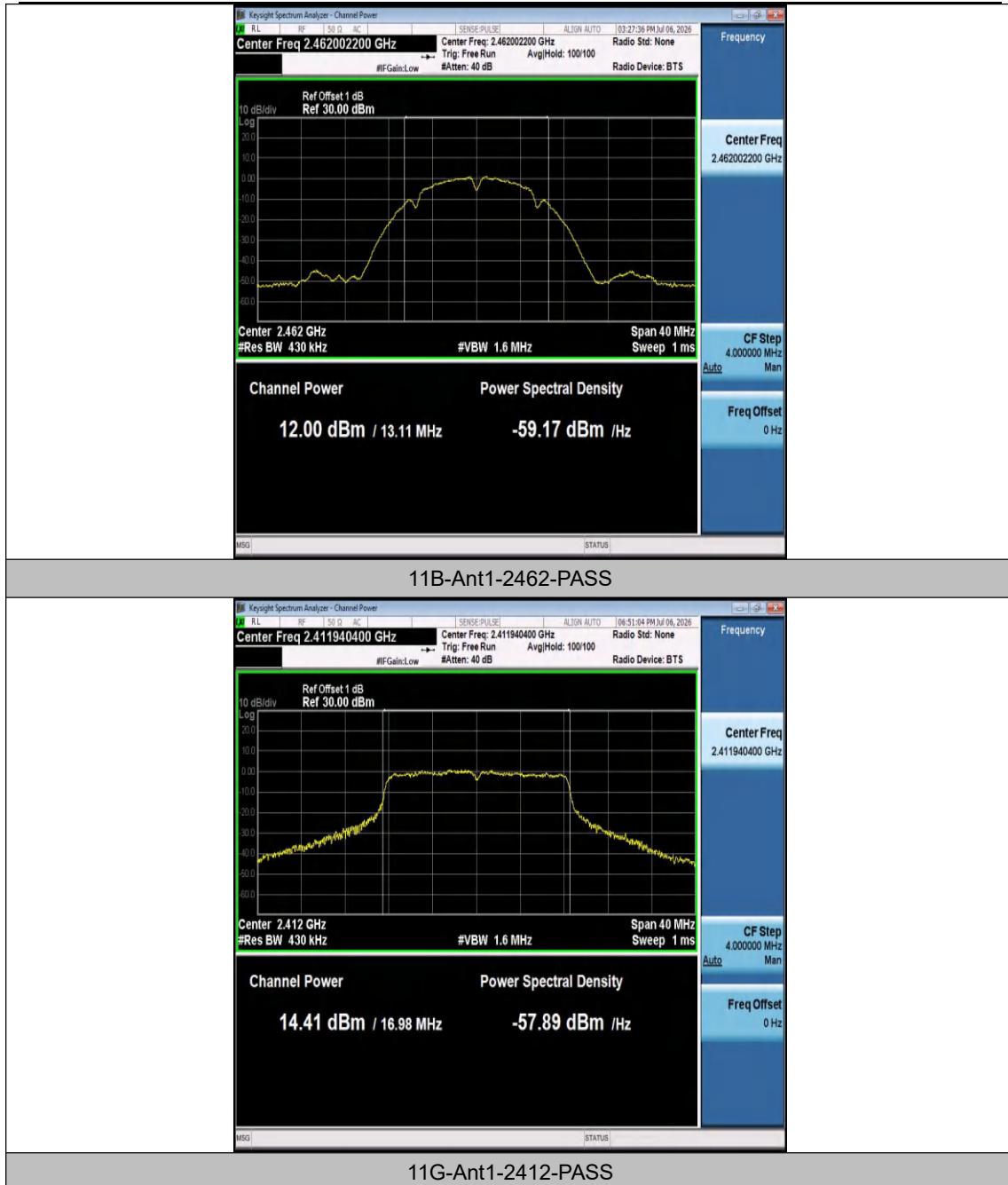
Test Graphs Average

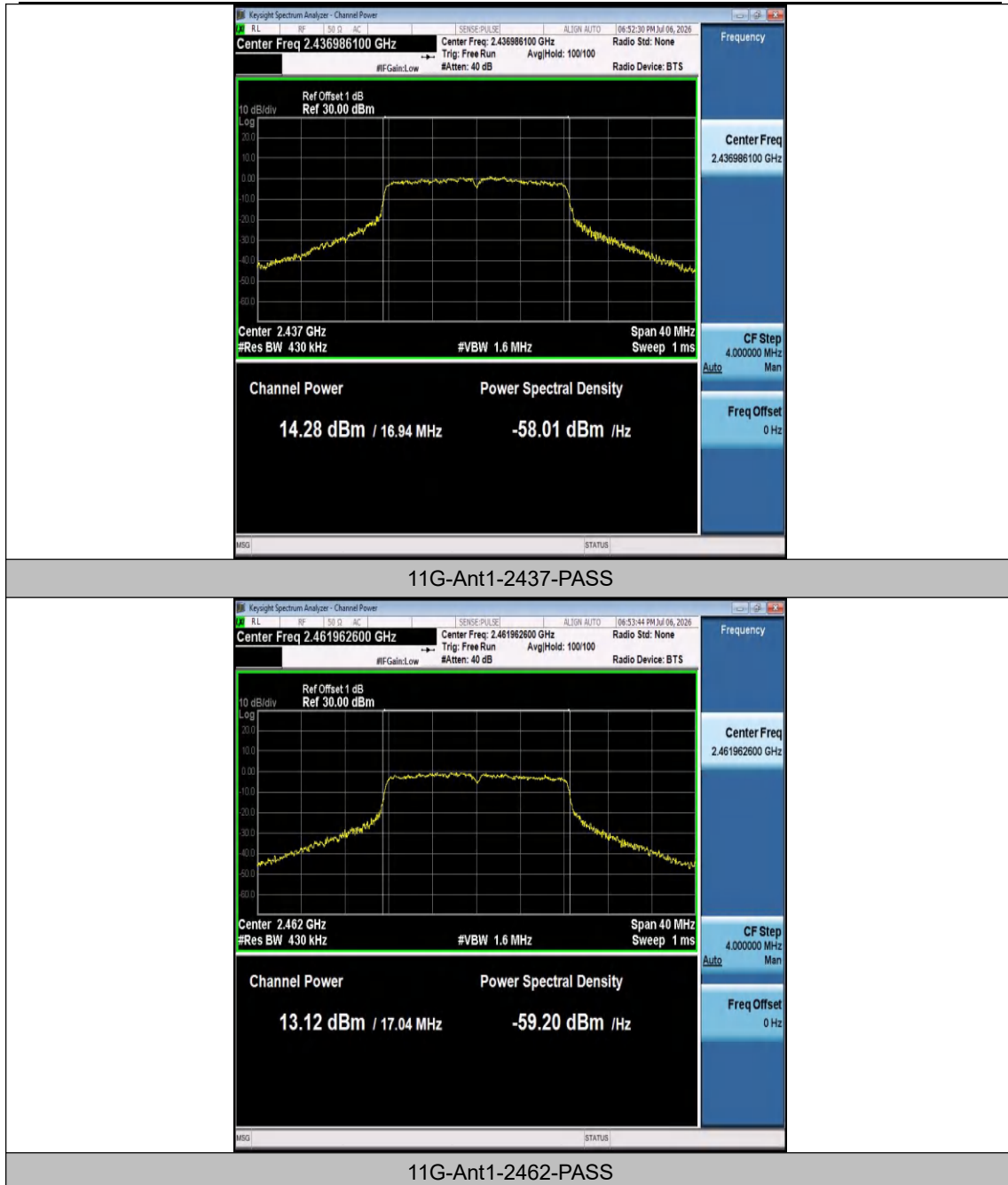


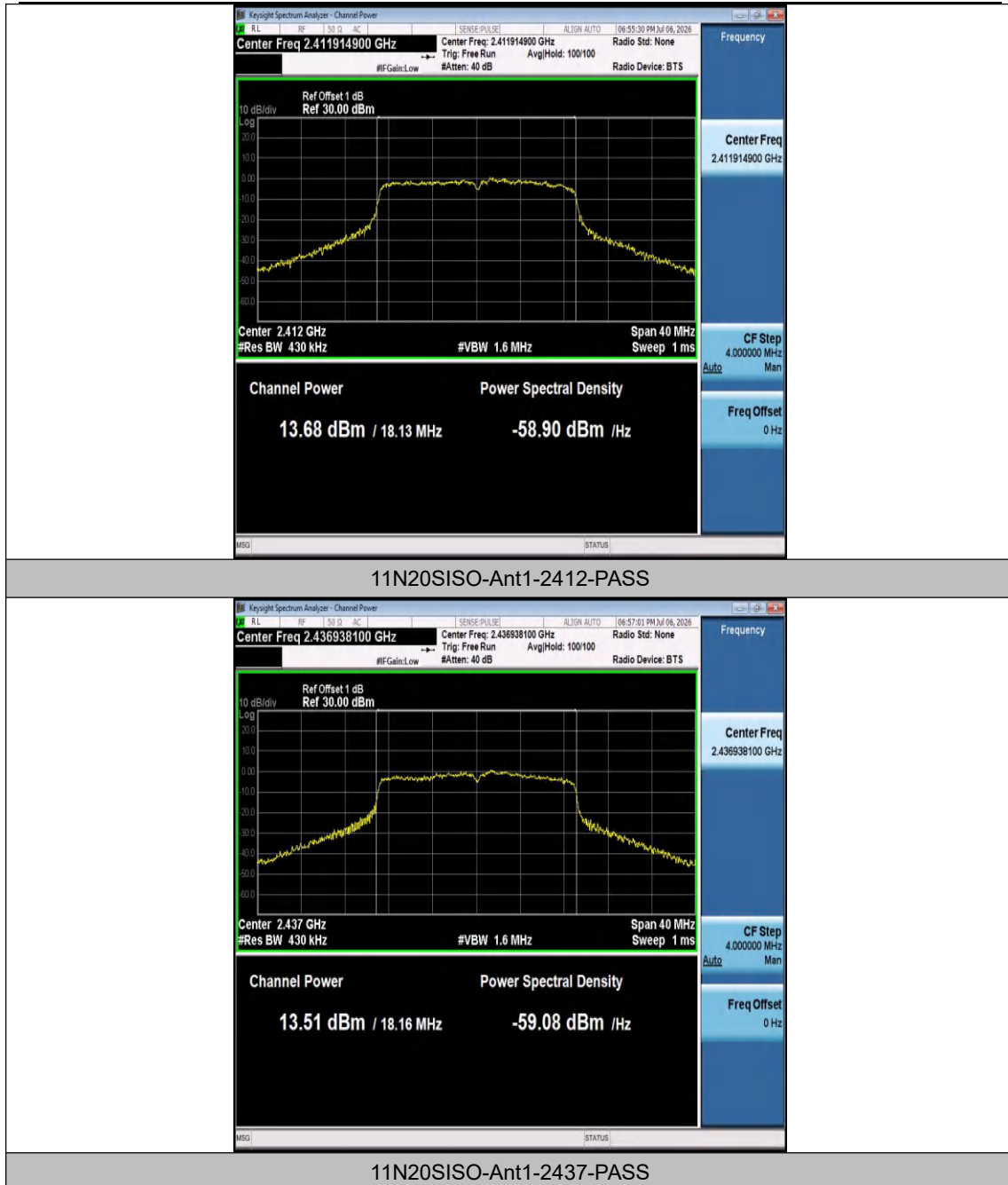
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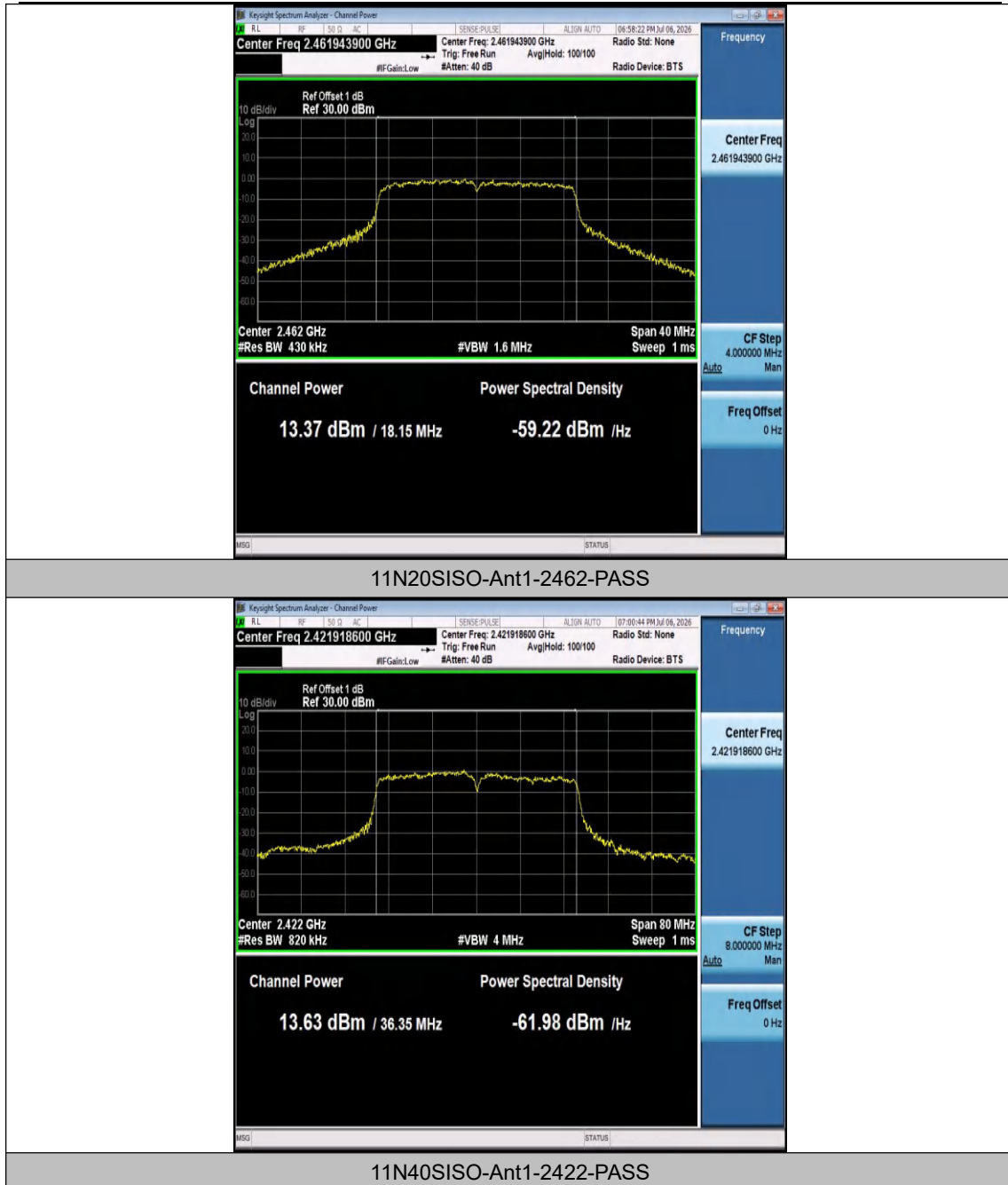




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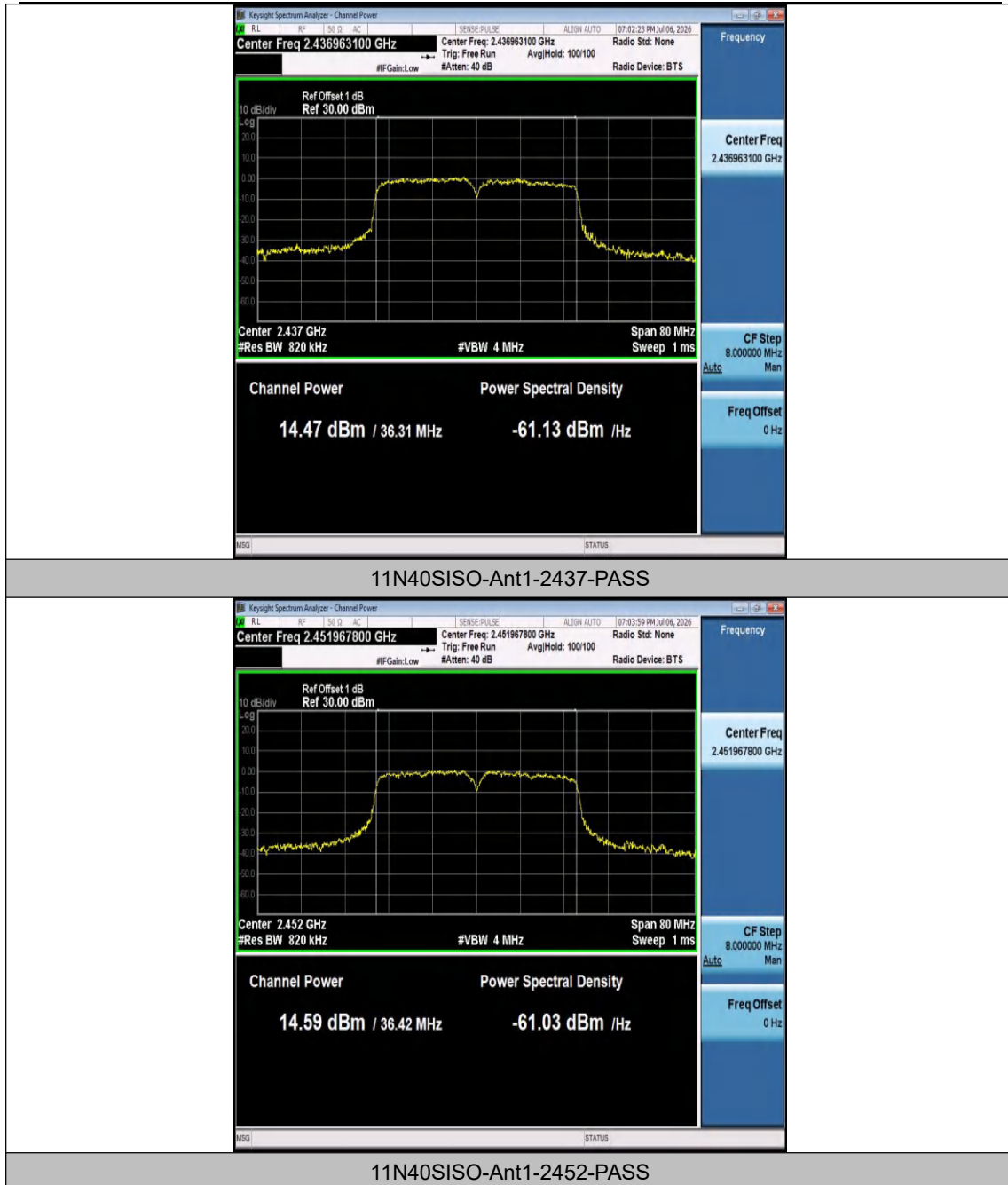
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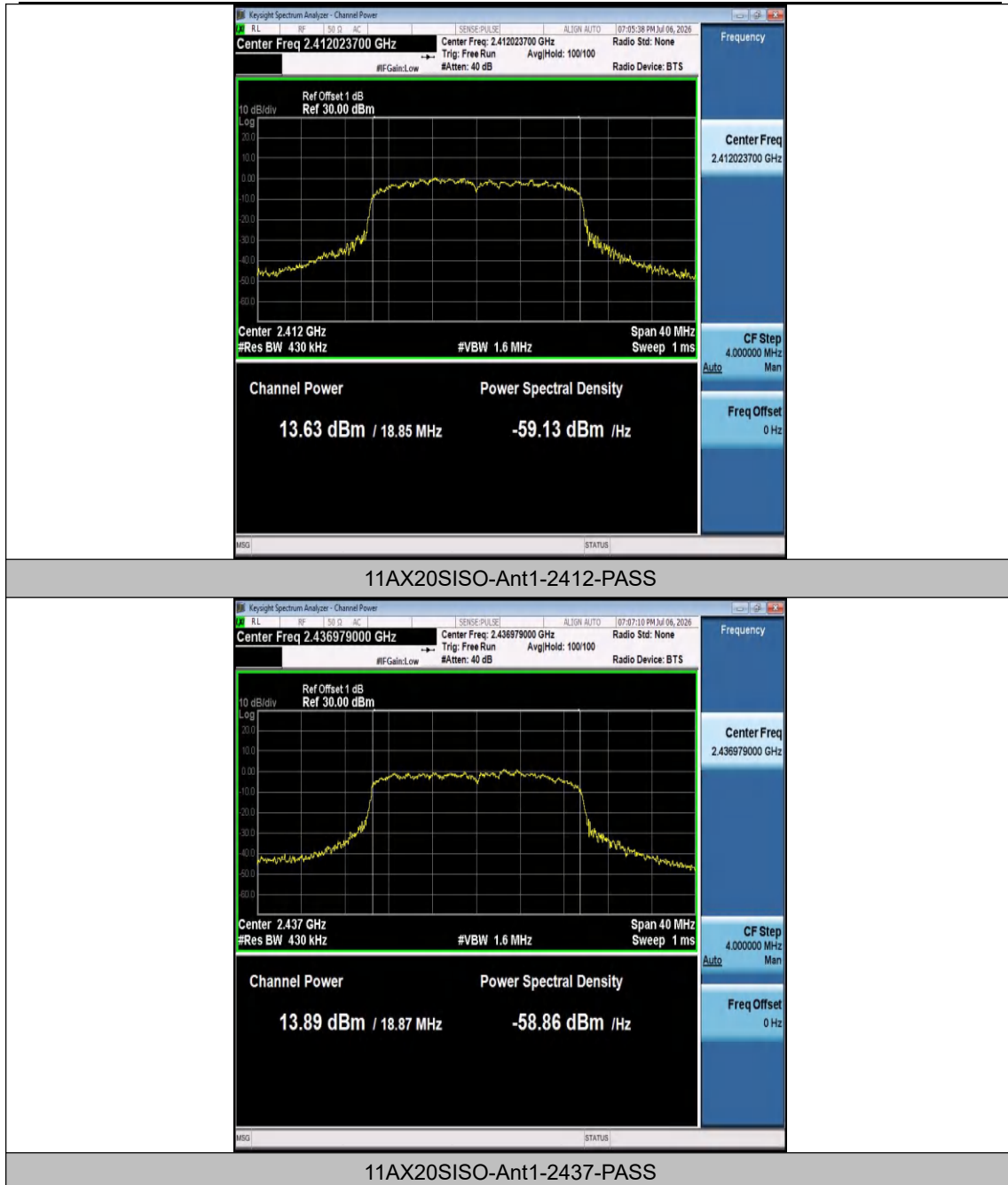
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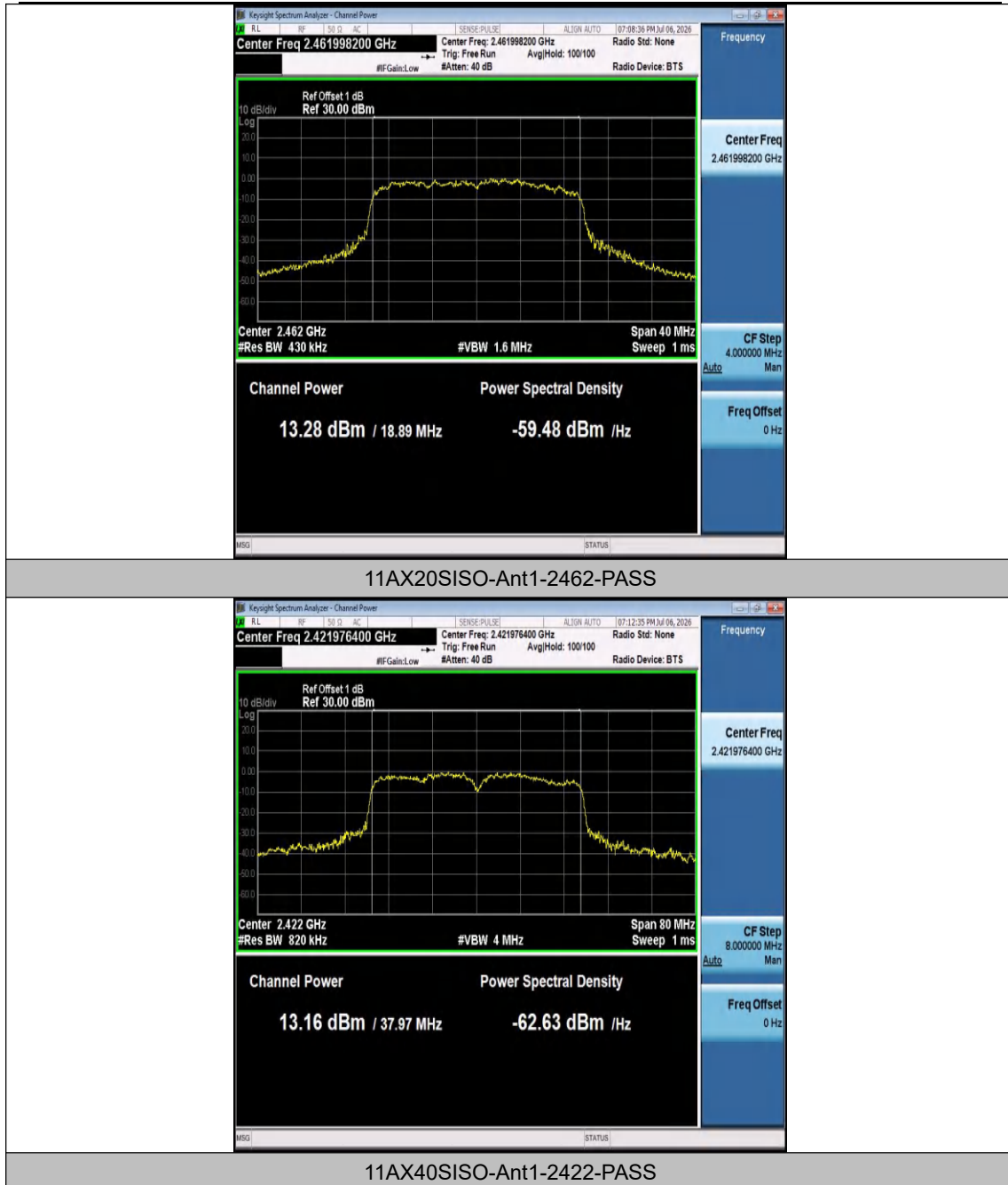
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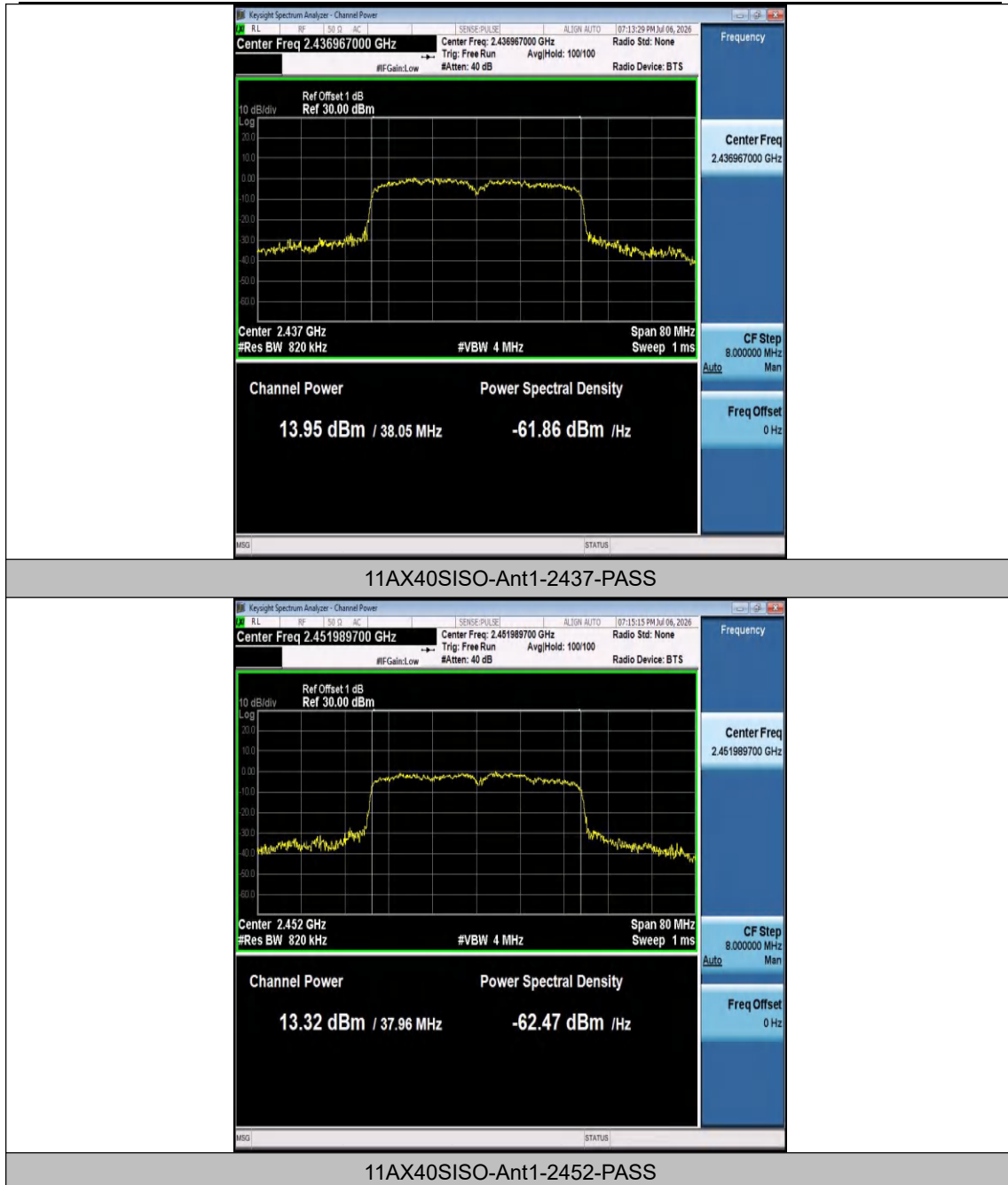
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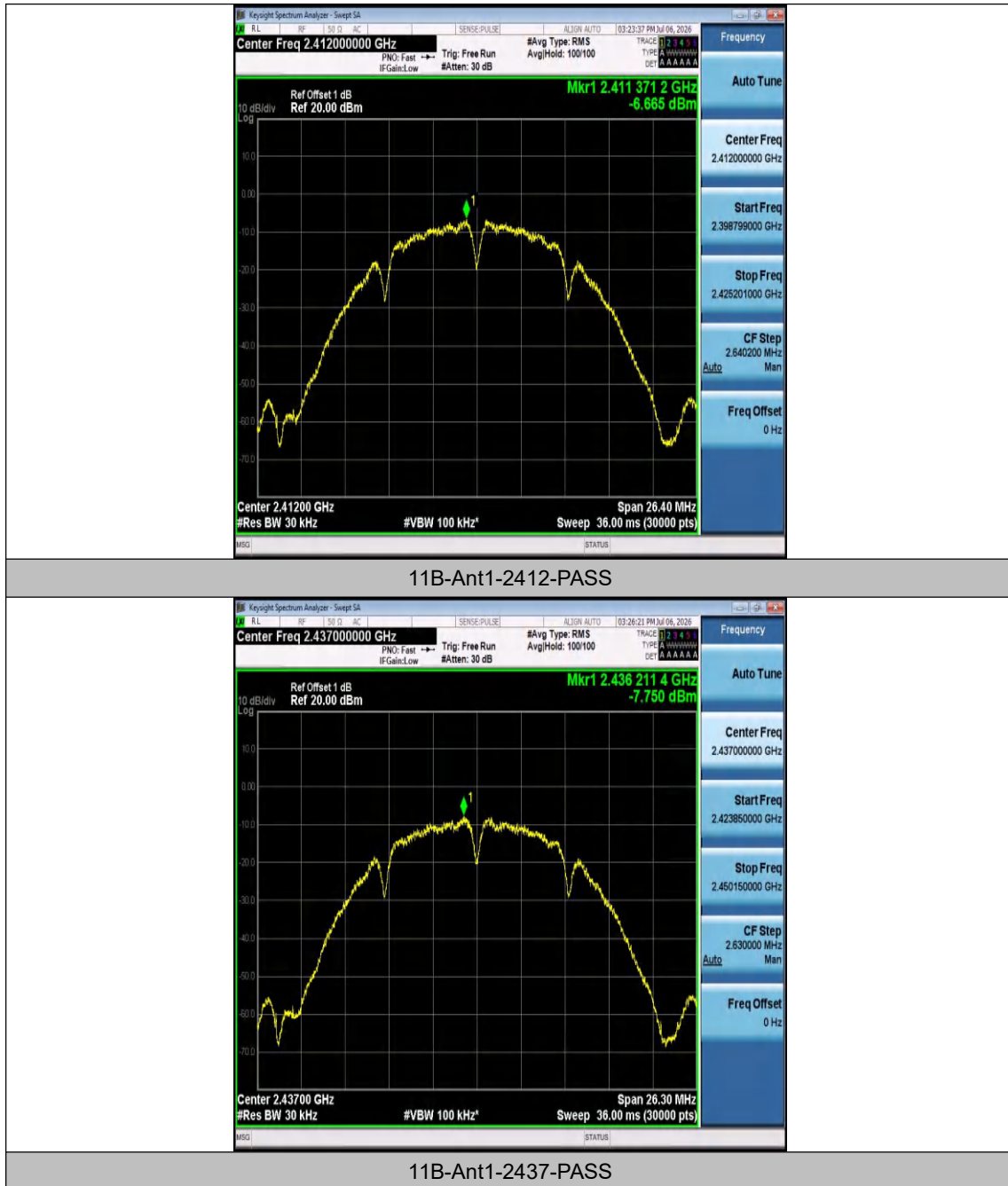
Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/30kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-6.67	≤8.00	PASS
11B	Ant1	2437	-7.75	≤8.00	PASS
11B	Ant1	2462	-8.88	≤8.00	PASS
11G	Ant1	2412	-7.48	≤8.00	PASS
11G	Ant1	2437	-8.26	≤8.00	PASS
11G	Ant1	2462	-8.87	≤8.00	PASS
11N20SISO	Ant1	2412	-8.31	≤8.00	PASS
11N20SISO	Ant1	2437	-7.28	≤8.00	PASS
11N20SISO	Ant1	2462	-7.79	≤8.00	PASS
11N40SISO	Ant1	2422	-7.86	≤8.00	PASS
11N40SISO	Ant1	2437	-6.50	≤8.00	PASS
11N40SISO	Ant1	2452	-7.61	≤8.00	PASS
11AX20SISO	Ant1	2412	-7.83	≤8.00	PASS
11AX20SISO	Ant1	2437	-7.10	≤8.00	PASS
11AX20SISO	Ant1	2462	-8.09	≤8.00	PASS
11AX40SISO	Ant1	2422	-9.17	≤8.00	PASS
11AX40SISO	Ant1	2437	-8.39	≤8.00	PASS
11AX40SISO	Ant1	2452	-7.64	≤8.00	PASS

Note: The cable loss are compensated in the graph.

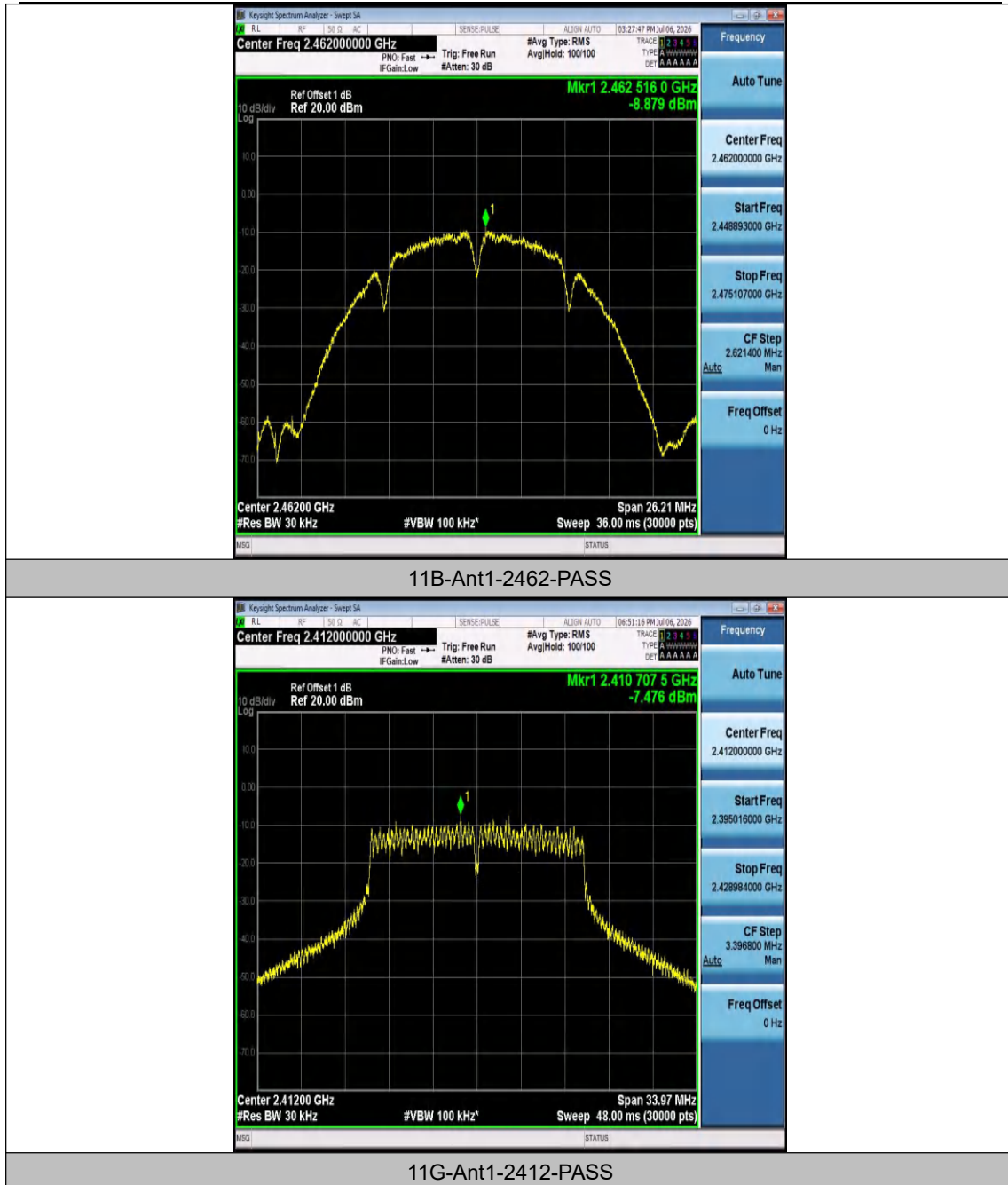
Test Graphs



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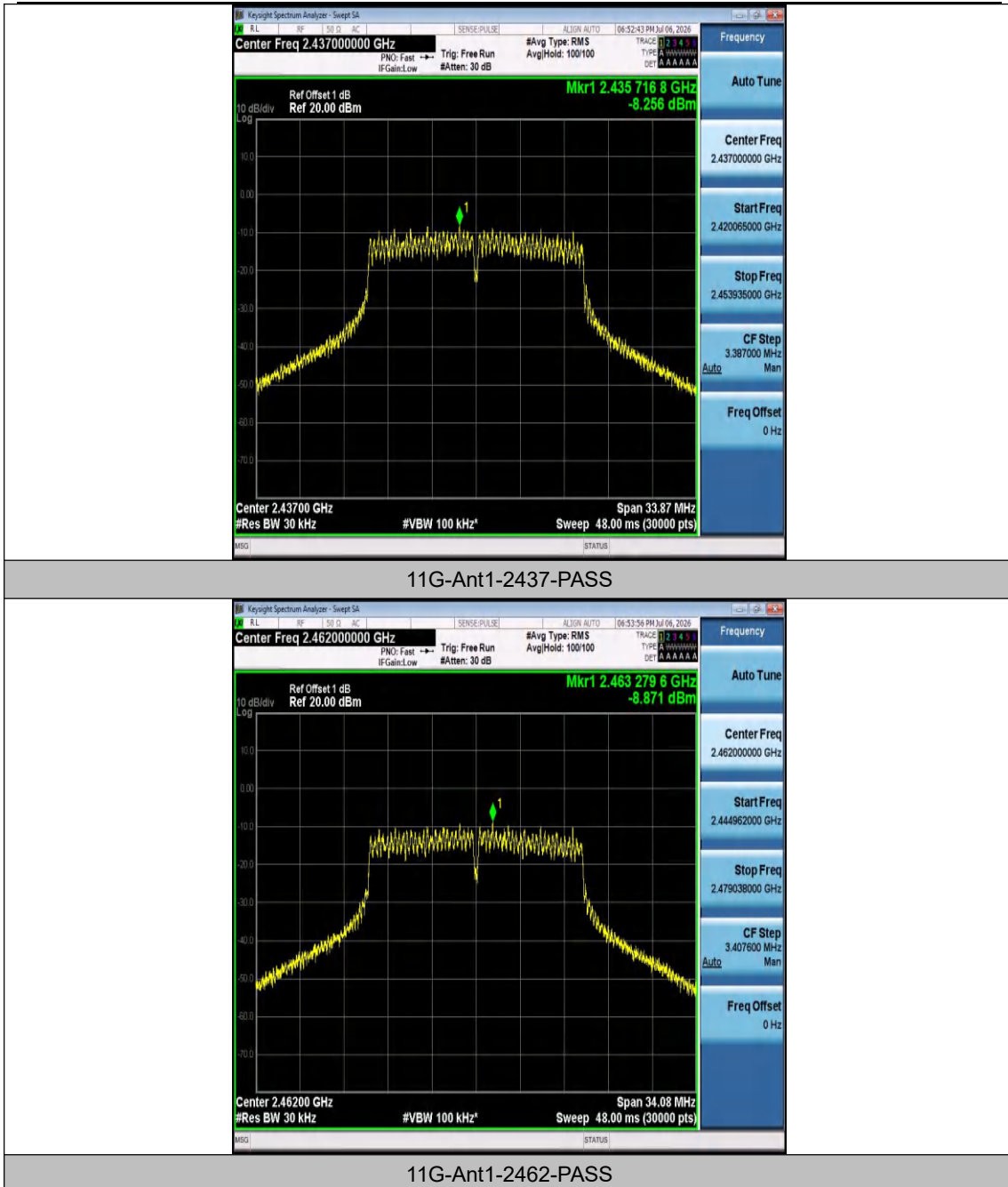
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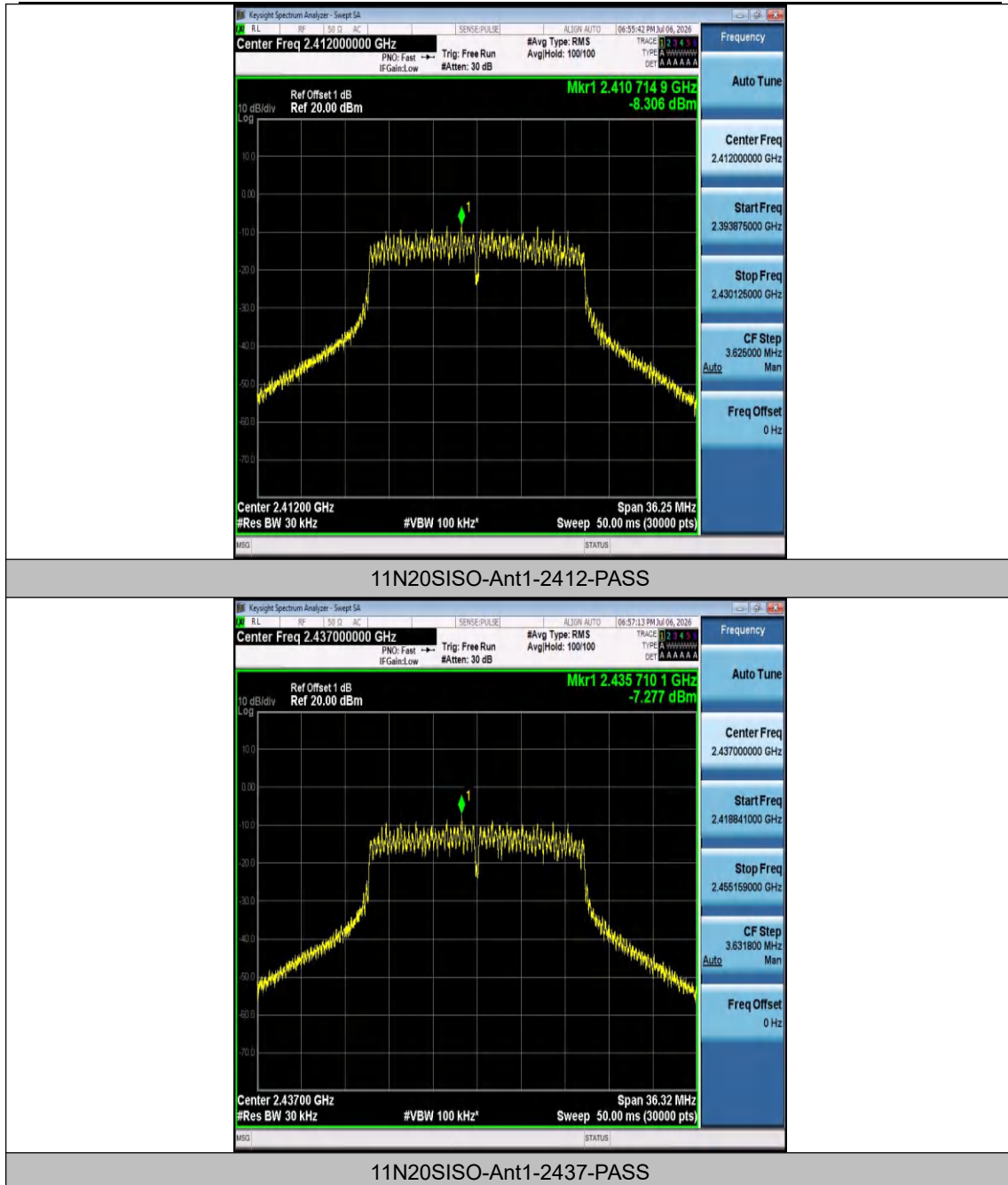
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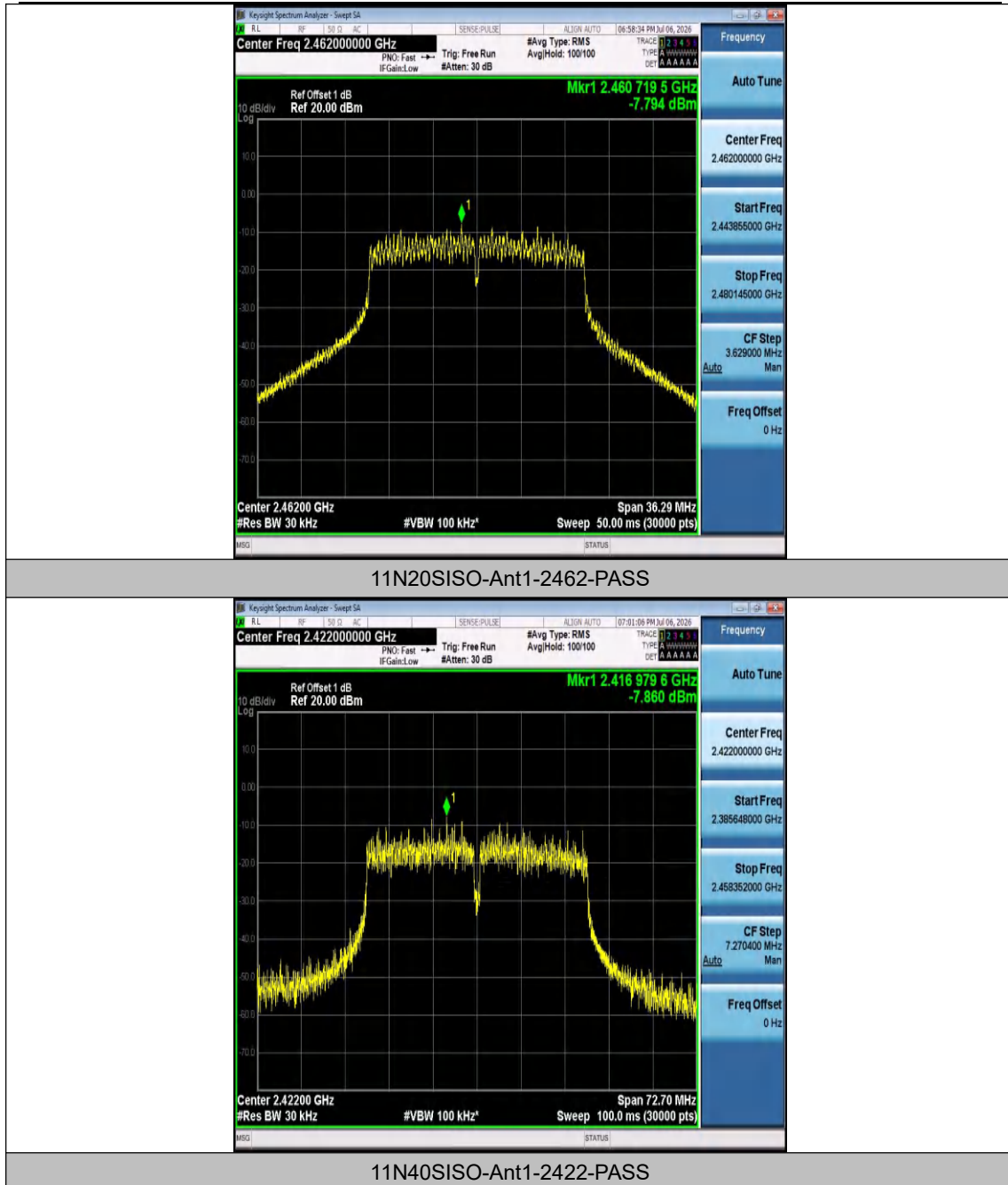
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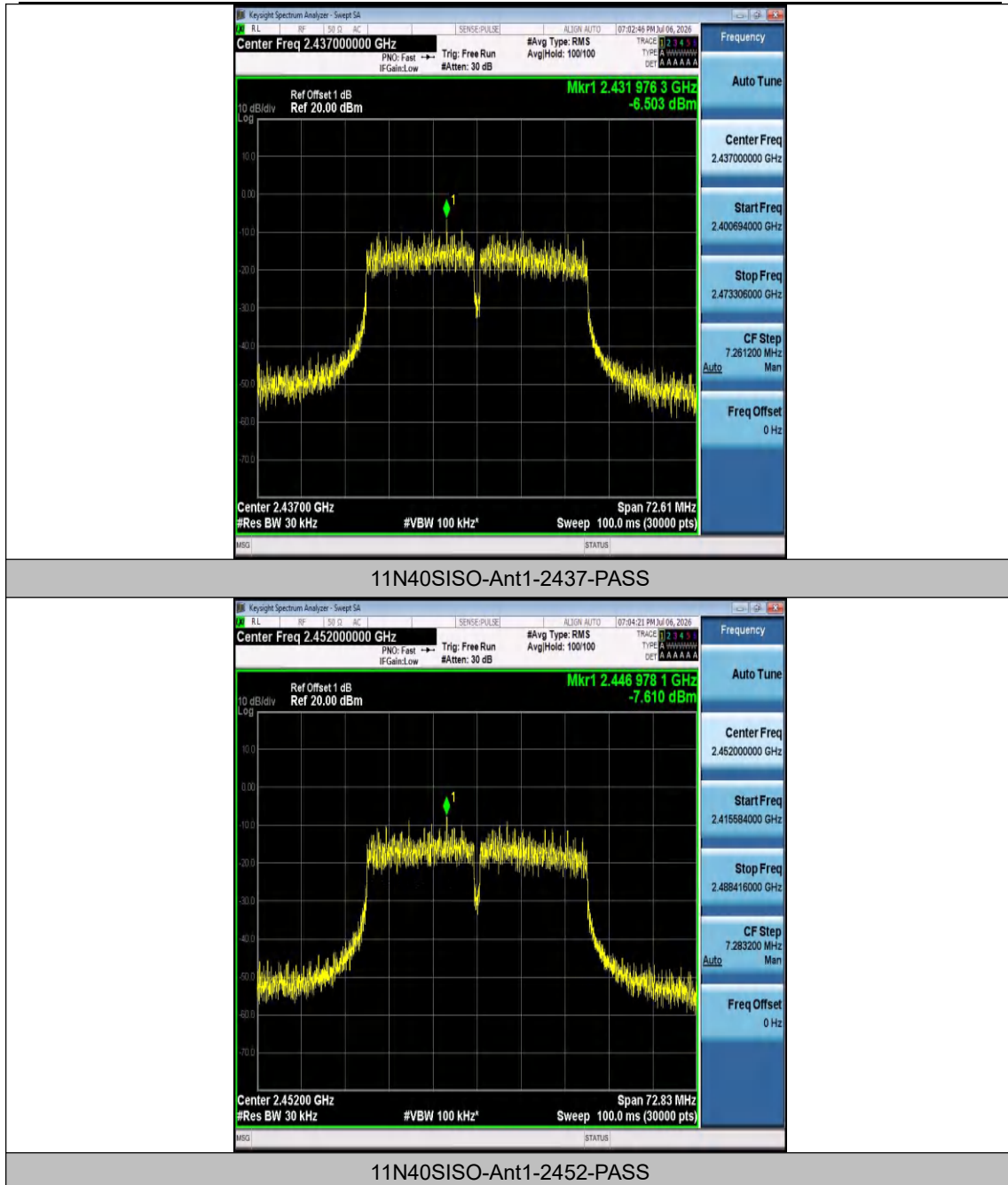
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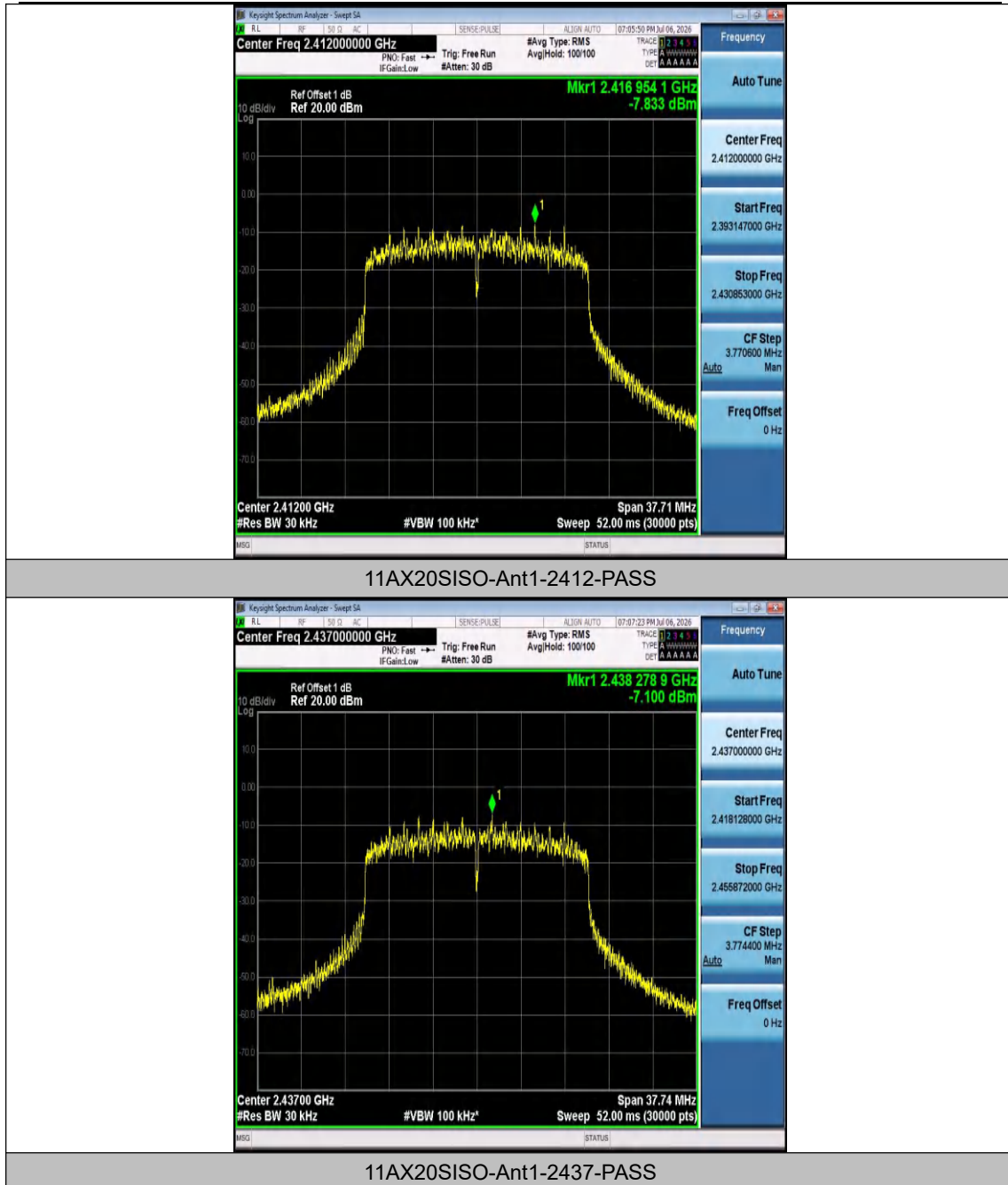
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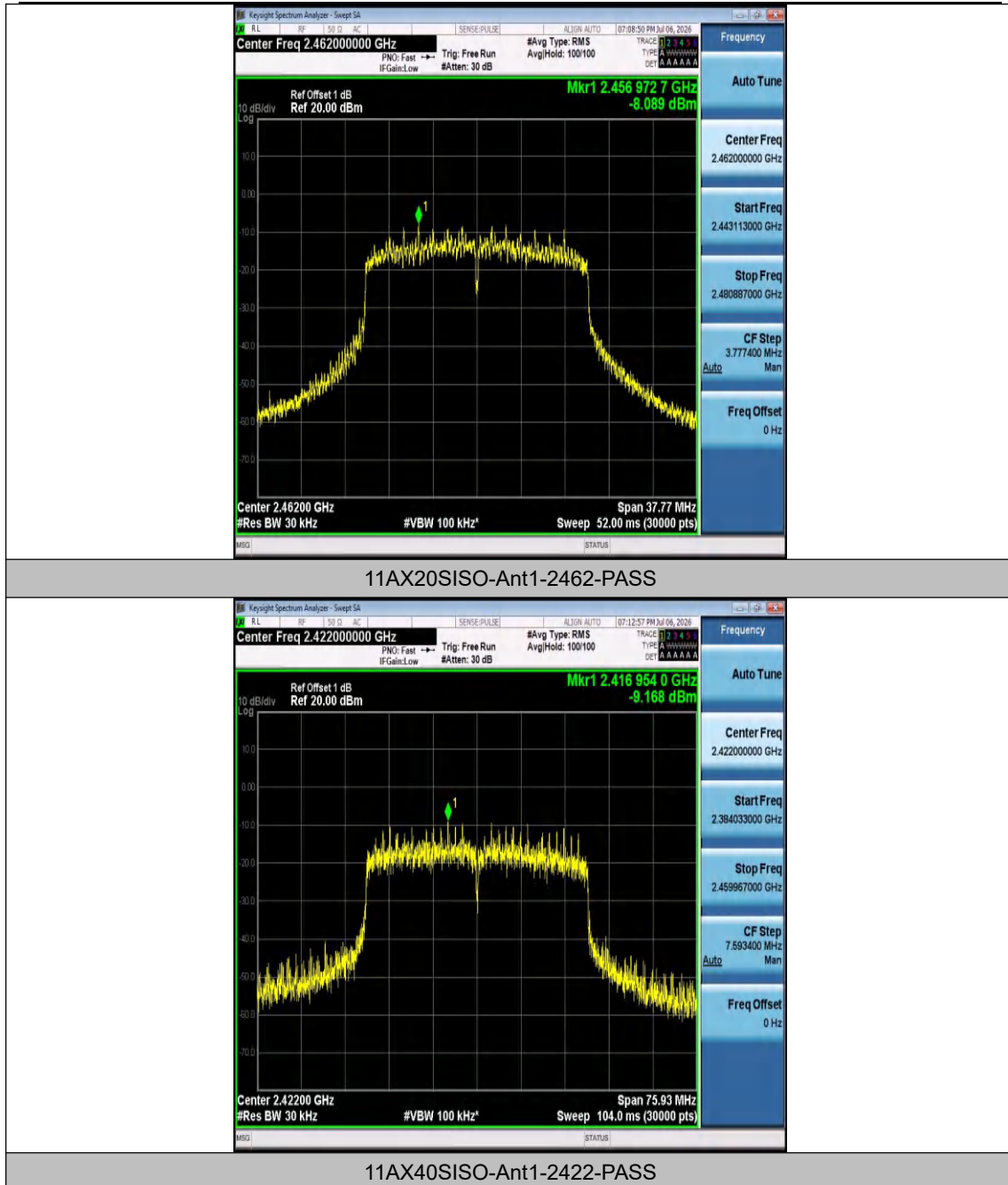
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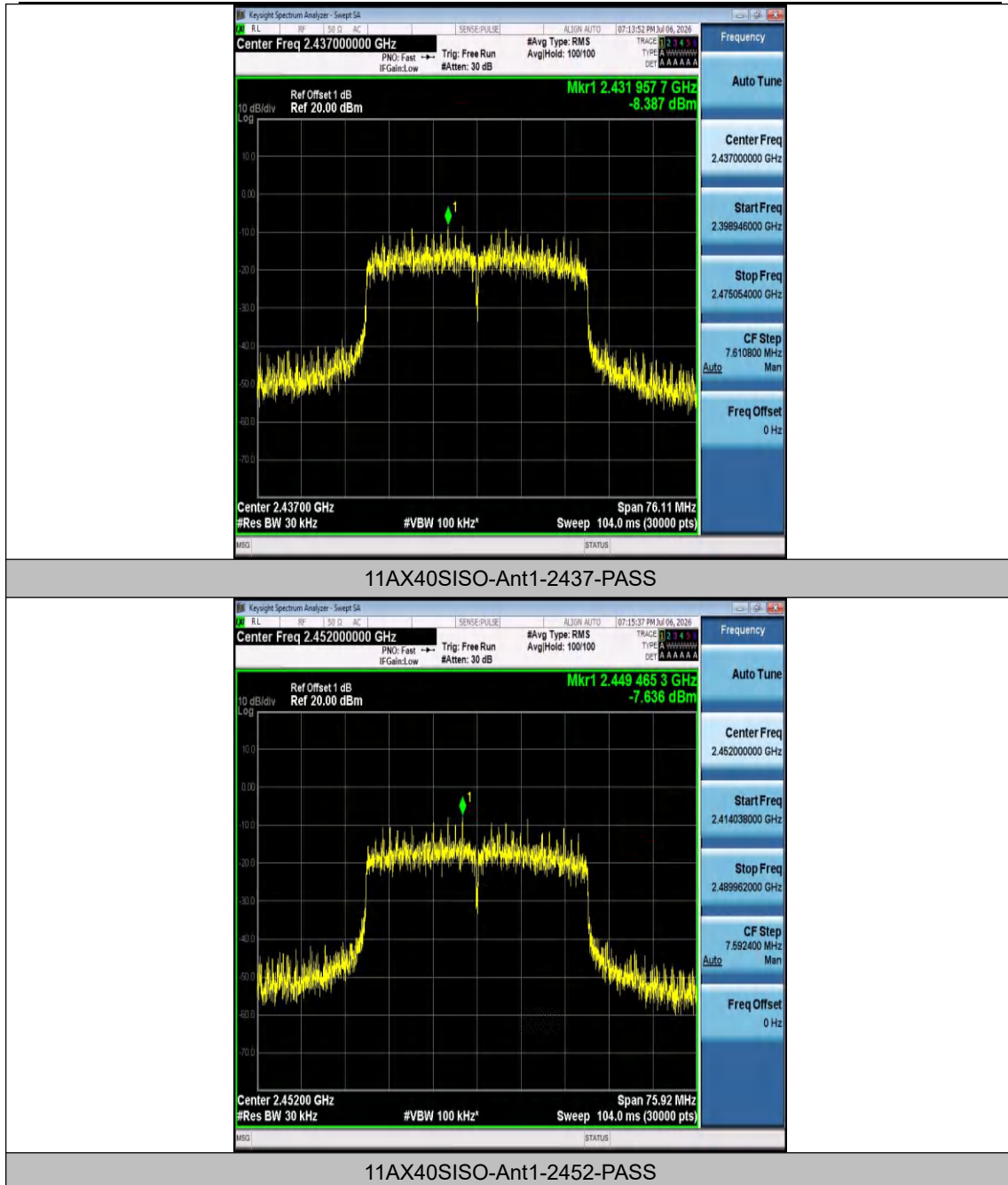
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Appendix E: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.15	-38.98	≤-23.86	PASS
11B	Ant1	High	2462	3.52	-54.39	≤-26.48	PASS
11G	Ant1	Low	2412	3.23	-27.78	≤-26.77	PASS
11G	Ant1	High	2462	6.01	-40.83	≤-23.99	PASS
11N20SISO	Ant1	Low	2412	3.17	-26.88	≤-26.83	PASS
11N20SISO	Ant1	High	2462	5.74	-39.01	≤-24.26	PASS
11N40SISO	Ant1	Low	2422	5.15	-26.69	≤-24.85	PASS
11N40SISO	Ant1	High	2452	5.28	-31.26	≤-24.72	PASS
11AX20SISO	Ant1	Low	2412	7.46	-26.82	≤-22.54	PASS
11AX20SISO	Ant1	High	2462	6.71	-43.62	≤-23.29	PASS
11AX40SISO	Ant1	Low	2422	0.01	-30.91	≤-29.99	PASS
11AX40SISO	Ant1	High	2452	4.98	-30.27	≤-25.02	PASS

Test Graphs

