

Appendix Test Data

Report No.:	1812C60185112502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-6-11	Finish Test Date:	2026-6-16
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	23.8°C	Relative Humidity:	67%
Pressure:	101kPa		

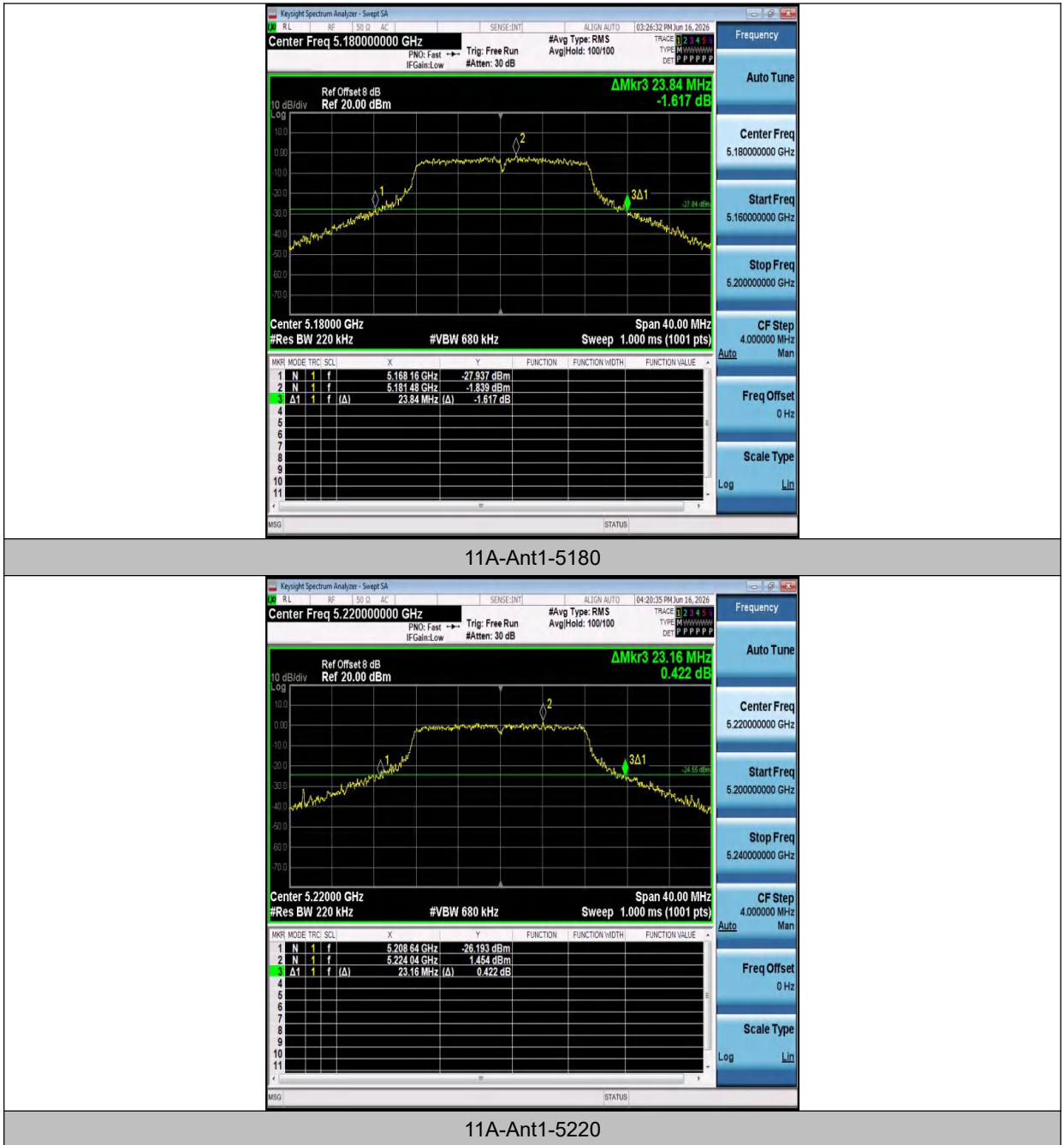


Appendix A1: 26dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	23.840	5168.160	5192.000	---	---
11A	Ant1	5220	23.160	5208.640	5231.800	---	---
11A	Ant1	5240	24.280	5228.360	5252.640	---	---
11N20SISO	Ant1	5180	25.280	5167.280	5192.560	---	---
11N20SISO	Ant1	5220	24.280	5207.760	5232.040	---	---
11N20SISO	Ant1	5240	24.680	5227.680	5252.360	---	---
11N40SISO	Ant1	5190	46.560	5166.720	5213.280	---	---
11N40SISO	Ant1	5230	46.000	5207.360	5253.360	---	---
11AC20SISO	Ant1	5180	24.840	5167.800	5192.640	---	---
11AC20SISO	Ant1	5220	24.840	5207.520	5232.360	---	---
11AC20SISO	Ant1	5240	24.600	5227.920	5252.520	---	---
11AC40SISO	Ant1	5190	44.960	5167.200	5212.160	---	---
11AC40SISO	Ant1	5230	46.160	5206.320	5252.480	---	---

Test Graphs

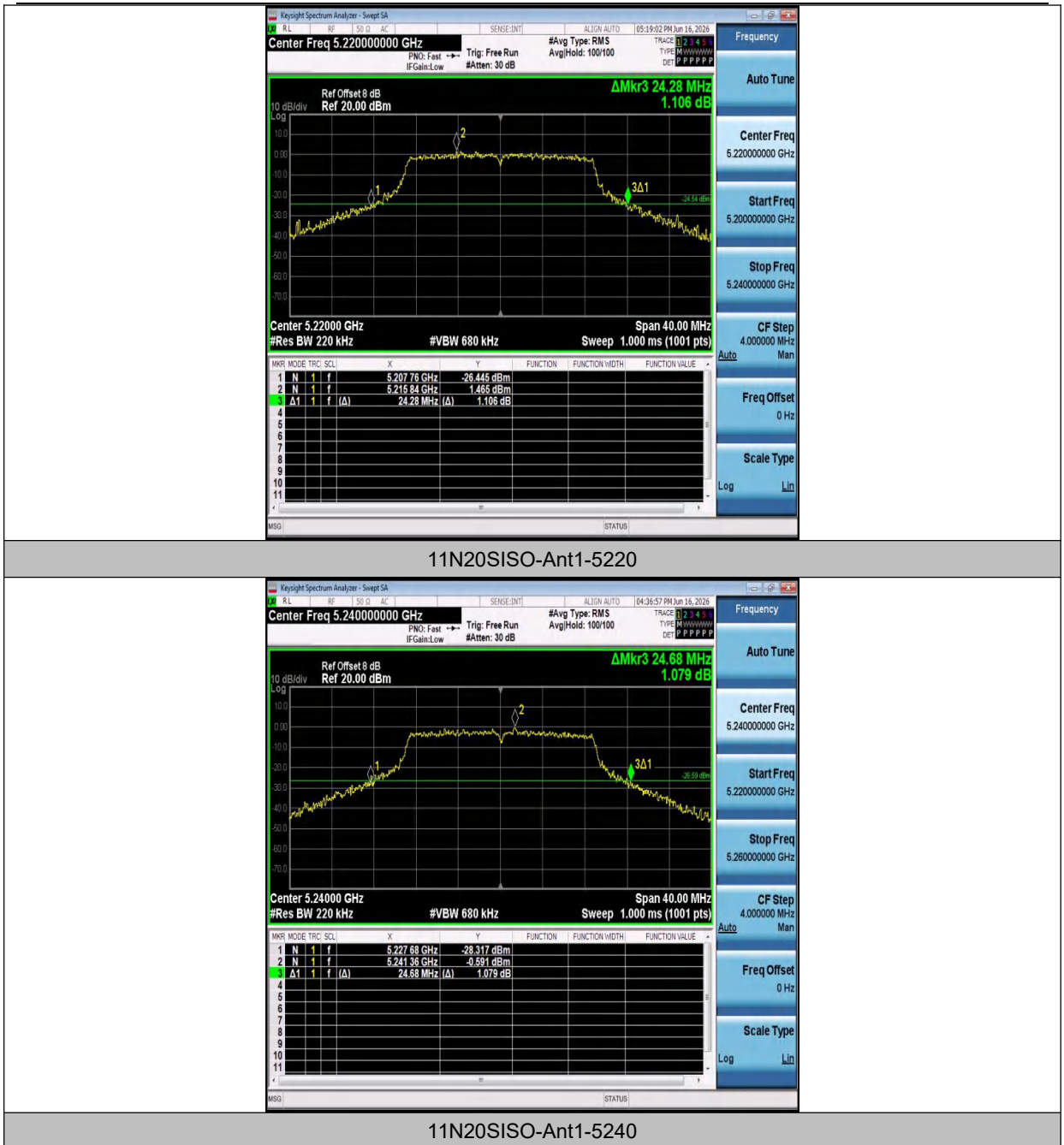


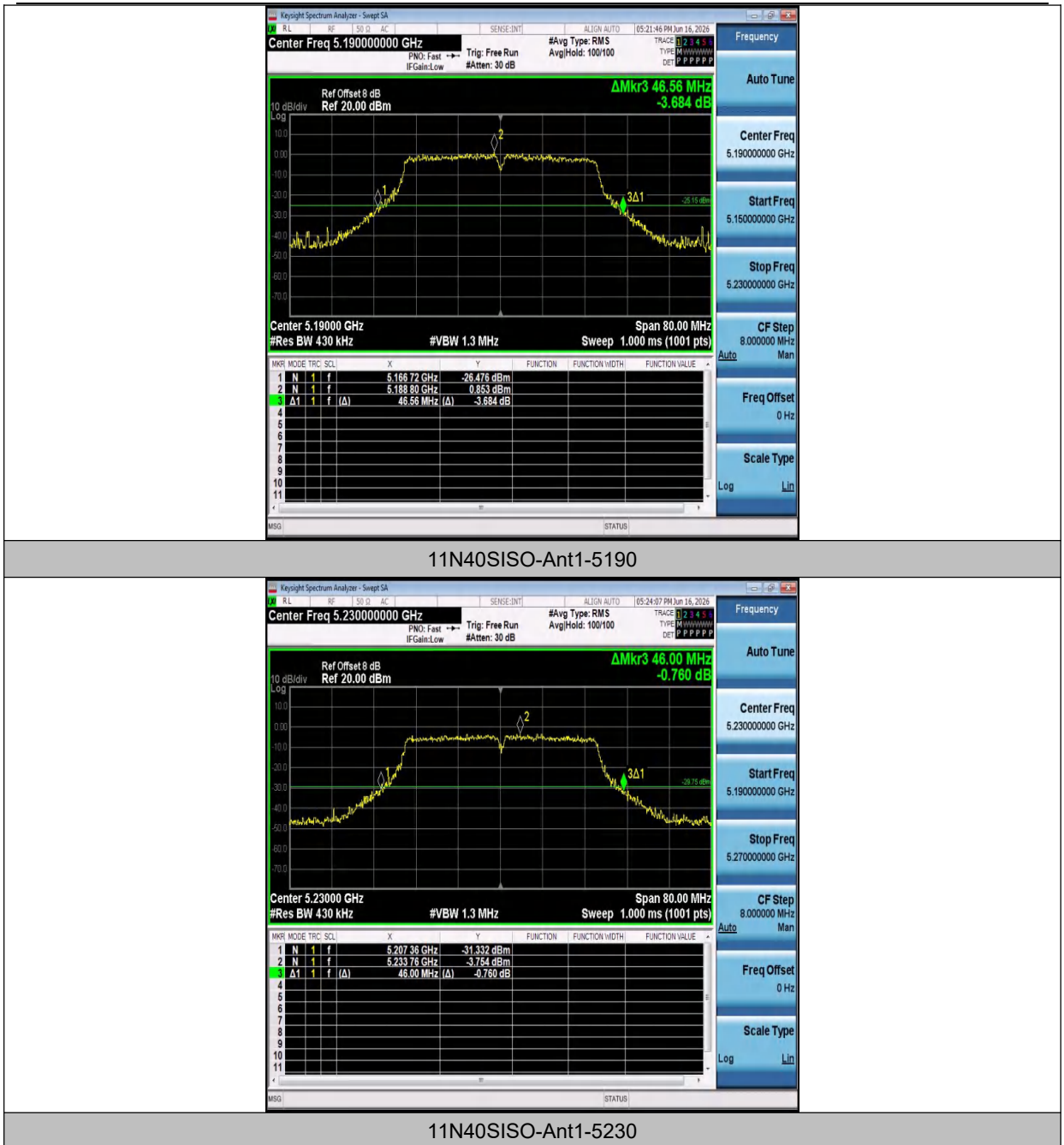
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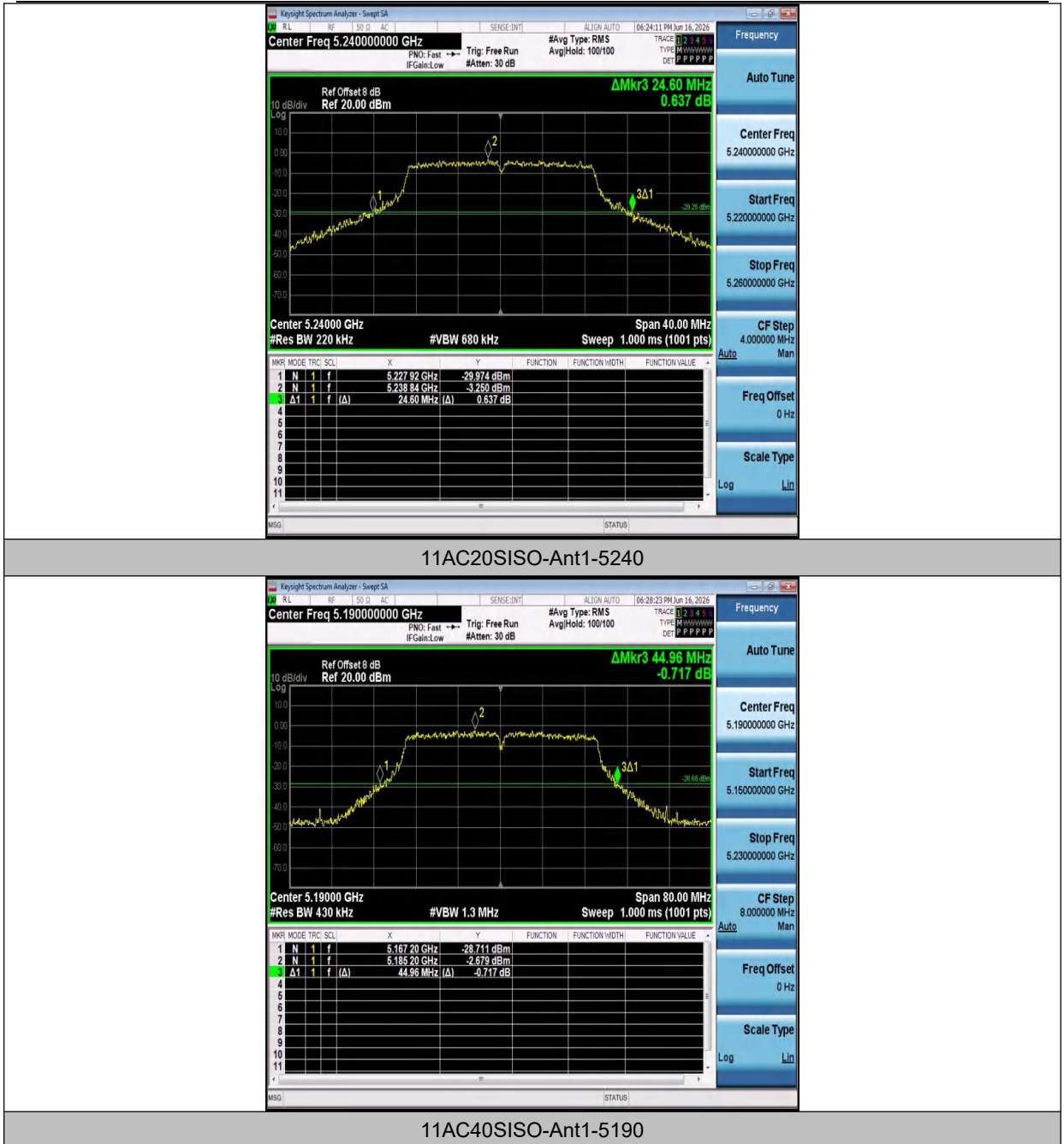




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Appendix A2: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.723	5171.2591	5188.9821	---	---
11A	Ant1	5220	17.695	5211.1042	5228.7992	---	---
11A	Ant1	5240	17.689	5231.1540	5248.8430	---	---
11N20SISO	Ant1	5180	18.755	5170.7506	5189.5056	---	---
11N20SISO	Ant1	5220	18.812	5210.5485	5229.3605	---	---
11N20SISO	Ant1	5240	18.831	5230.5347	5249.3657	---	---
11N40SISO	Ant1	5190	37.169	5171.4039	5208.5729	---	---
11N40SISO	Ant1	5230	43.515	5211.3598	5254.8748	---	---
11AC20SISO	Ant1	5180	18.785	5170.6337	5189.4187	---	---
11AC20SISO	Ant1	5220	18.733	5210.6512	5229.3842	---	---
11AC20SISO	Ant1	5240	18.805	5230.6284	5249.4334	---	---
11AC40SISO	Ant1	5190	37.197	5171.6127	5208.8097	---	---
11AC40SISO	Ant1	5230	37.247	5211.6462	5248.8932	---	---

Test Graphs



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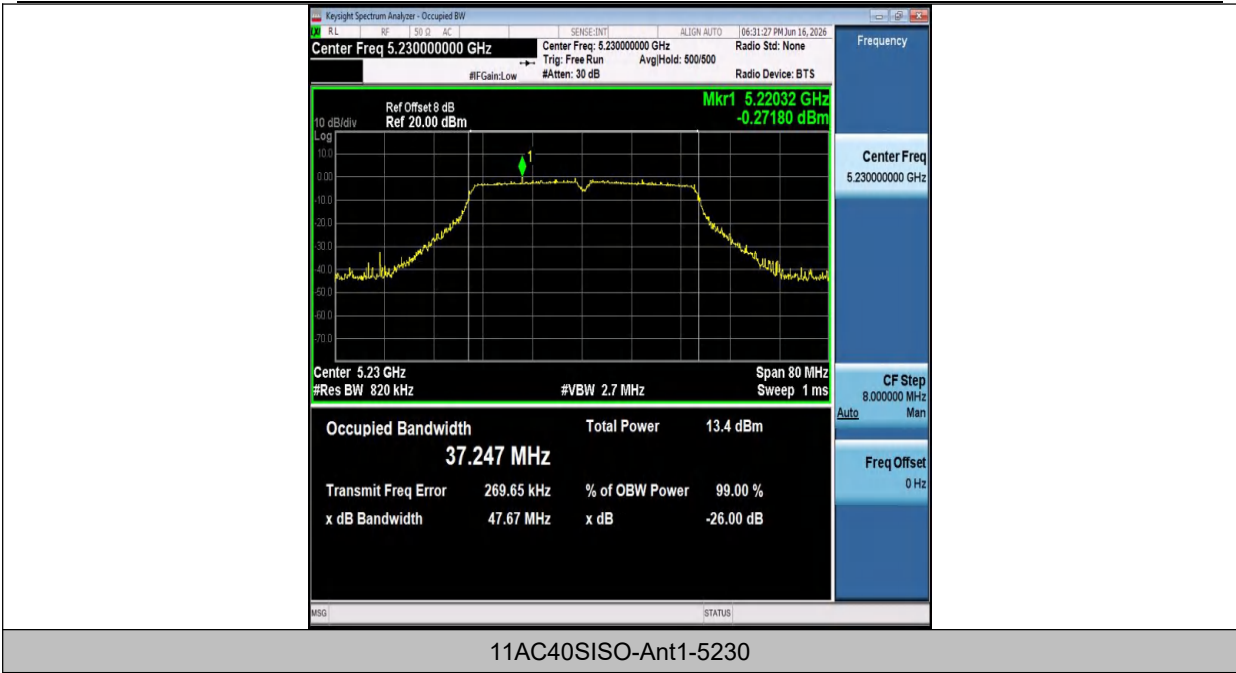
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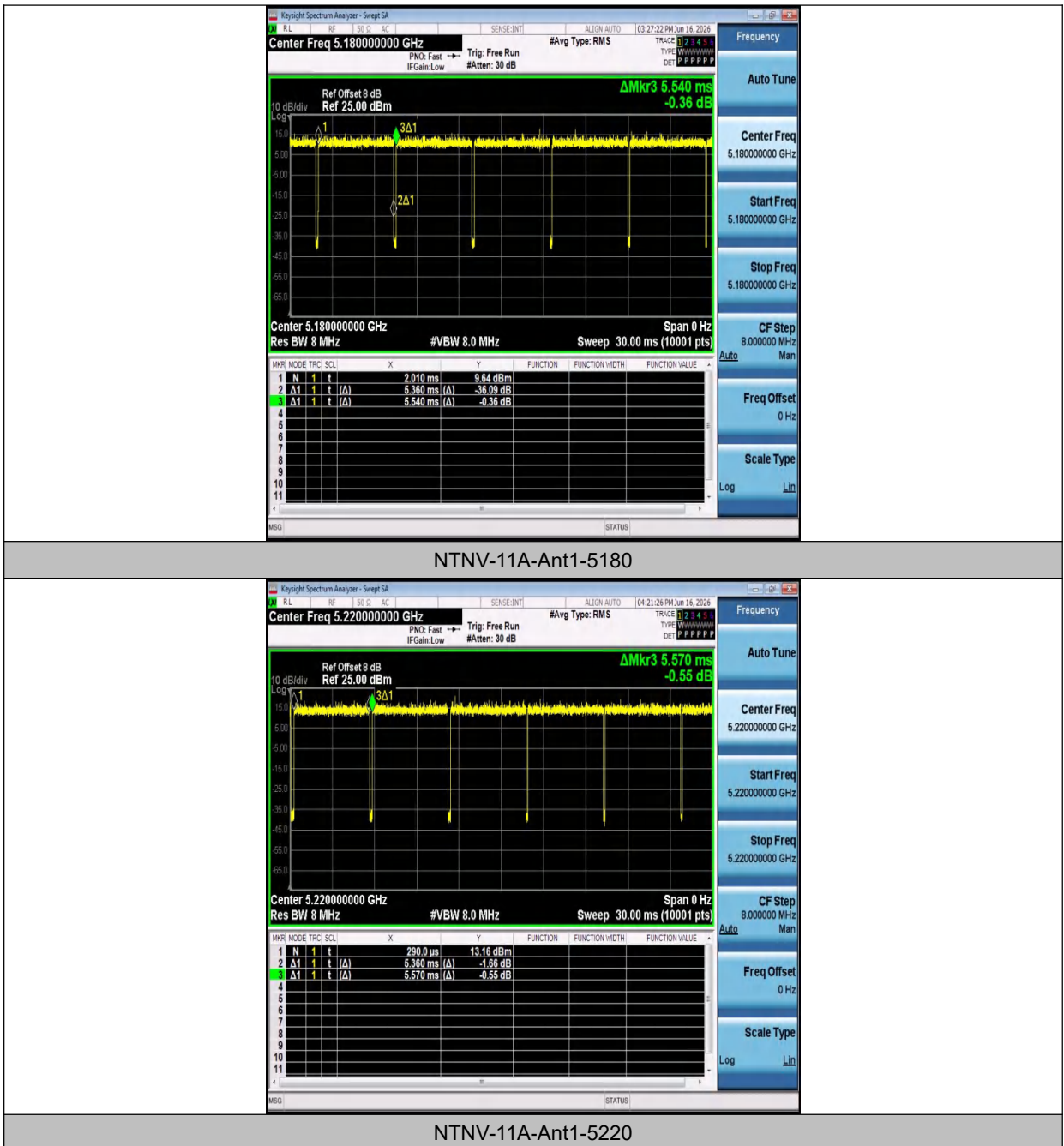
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Appendix B: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Dc Factor [dB]	1/T
11A	Ant1	5180	5.36	5.54	96.75	0.14	0.19
11A	Ant1	5220	5.36	5.57	96.23	0.17	0.19
11A	Ant1	5240	5.36	5.56	96.40	0.16	0.19
11N20SISO	Ant1	5180	4.97	5.12	97.07	0.13	0.20
11N20SISO	Ant1	5220	4.97	5.10	97.45	0.11	0.20
11N20SISO	Ant1	5240	4.96	5.16	96.12	0.17	0.20
11N40SISO	Ant1	5190	2.42	2.59	93.44	0.29	0.41
11N40SISO	Ant1	5230	2.41	2.57	93.77	0.28	0.41
11AC20SISO	Ant1	5180	4.98	5.11	97.46	0.11	0.20
11AC20SISO	Ant1	5220	4.97	5.20	95.58	0.20	0.20
11AC20SISO	Ant1	5240	4.98	5.11	97.46	0.11	0.20
11AC40SISO	Ant1	5190	2.42	2.66	90.98	0.41	0.41
11AC40SISO	Ant1	5230	2.42	2.65	91.32	0.39	0.41

Test Graphs

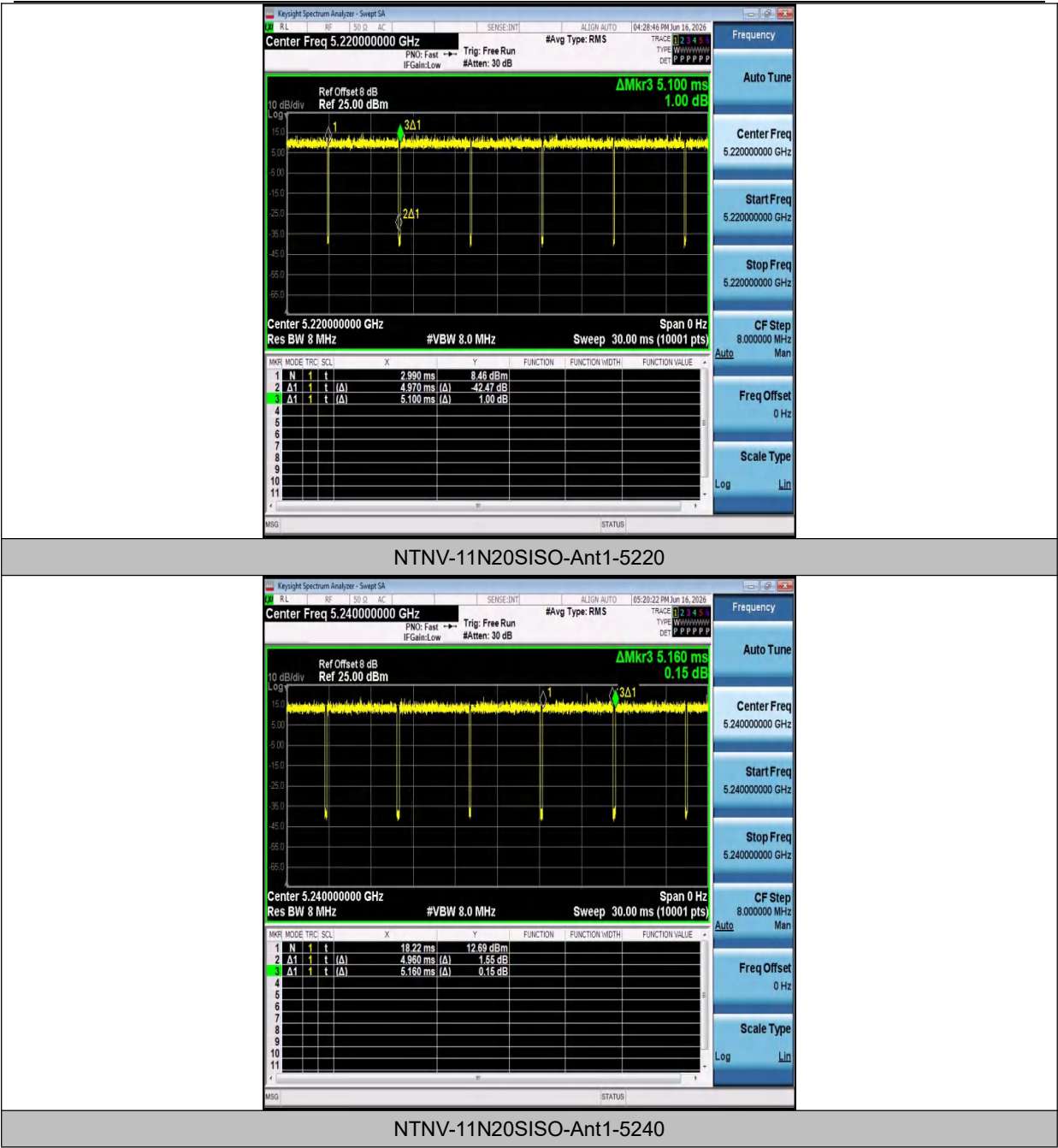


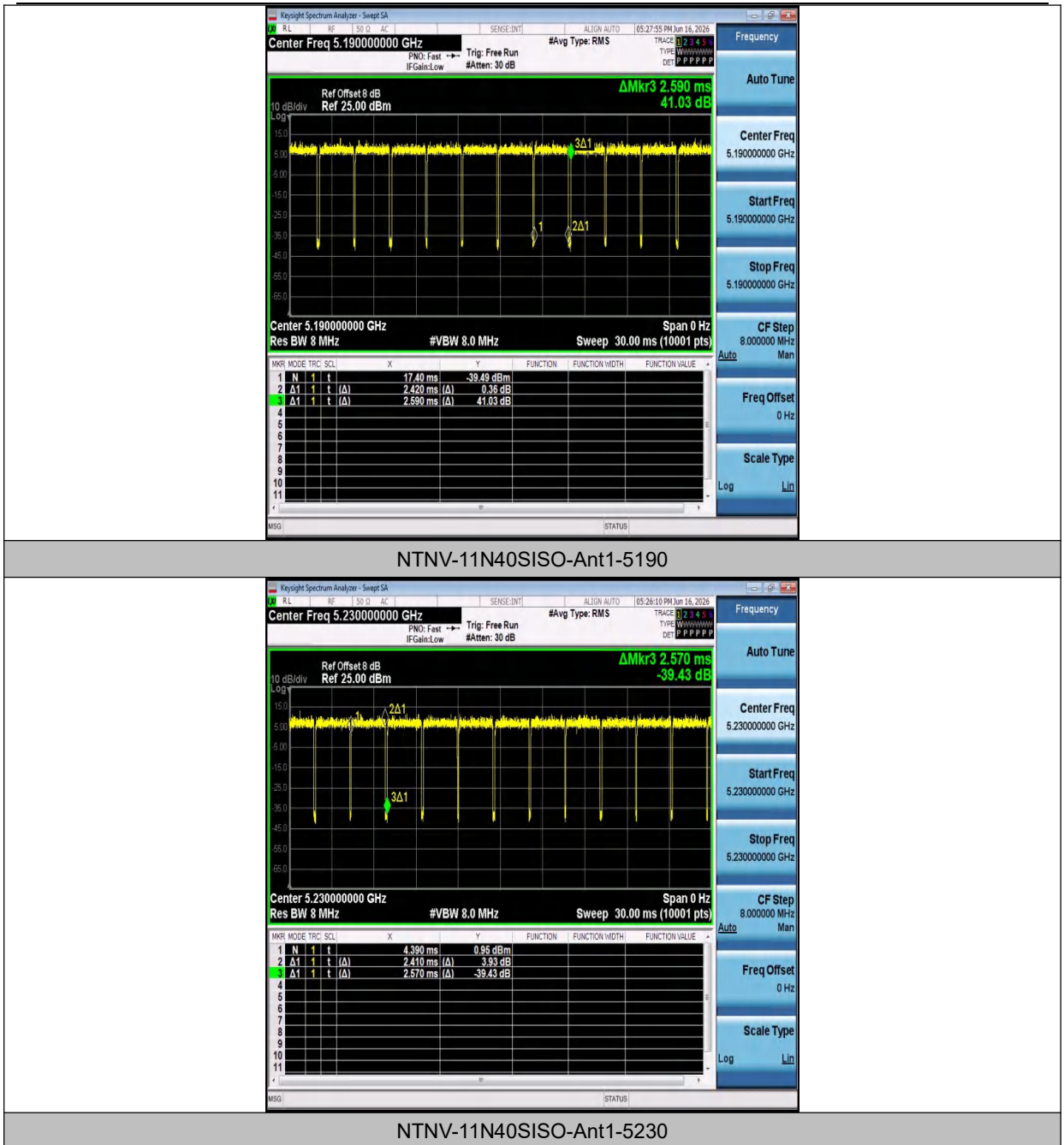
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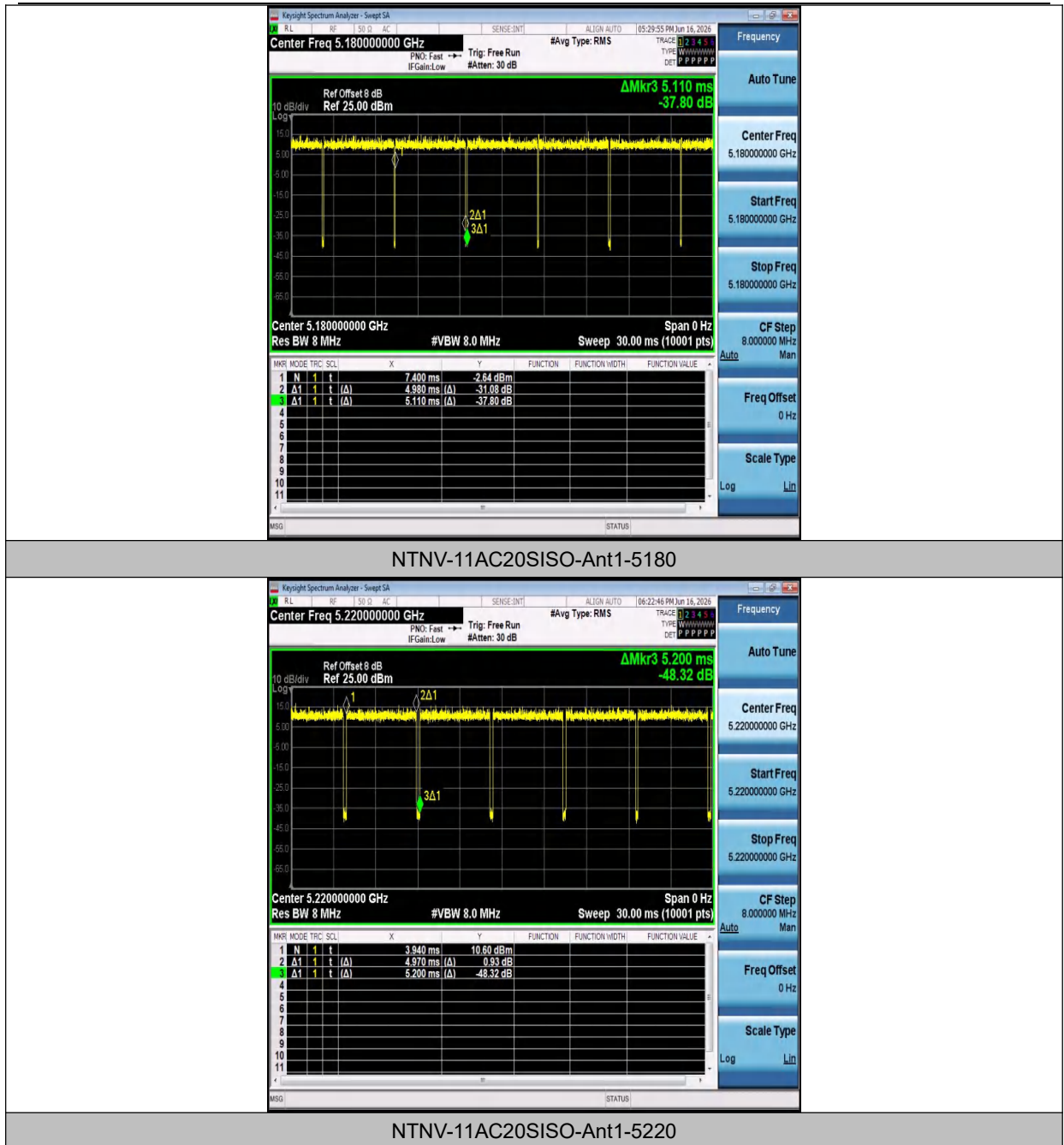




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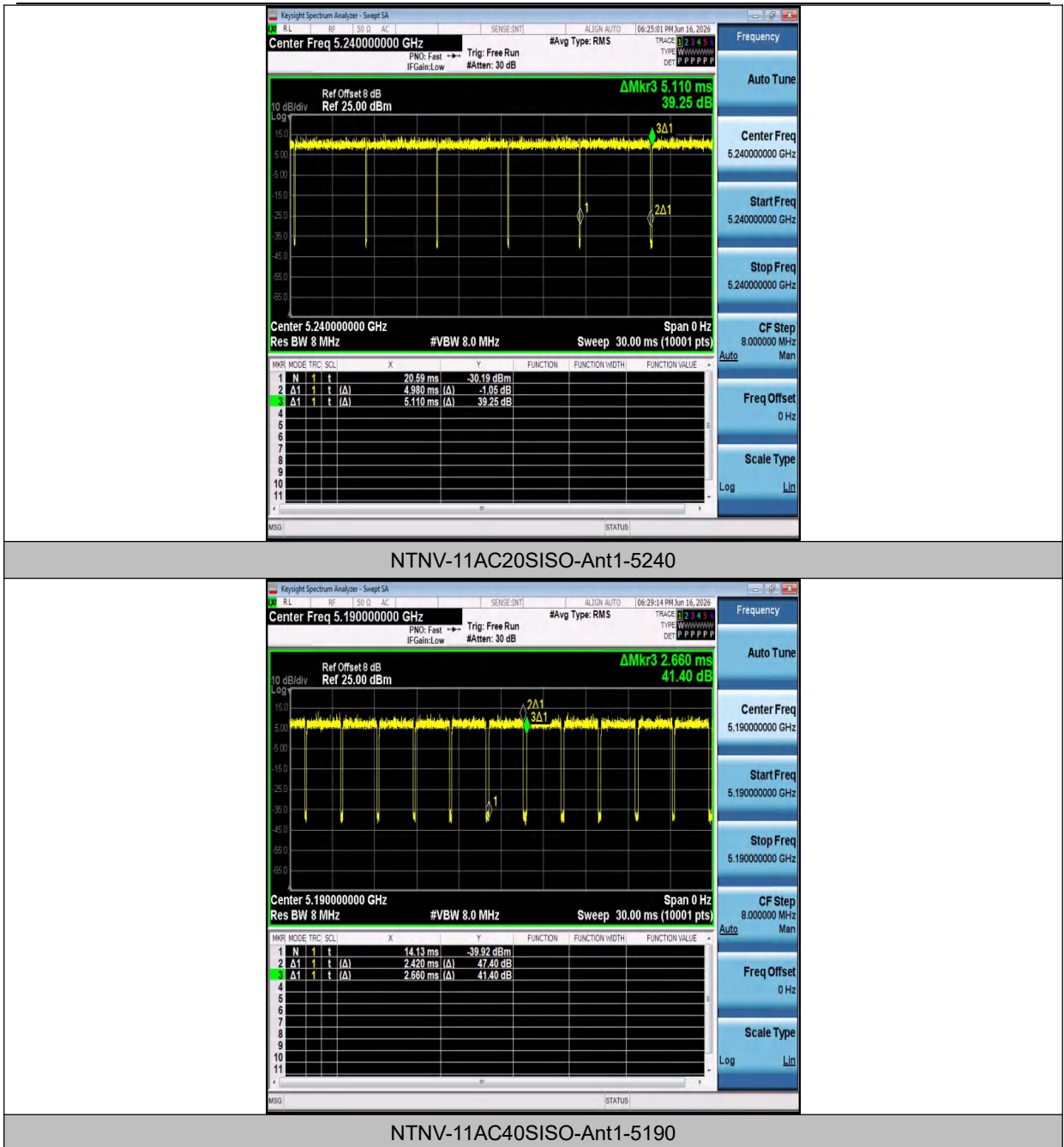
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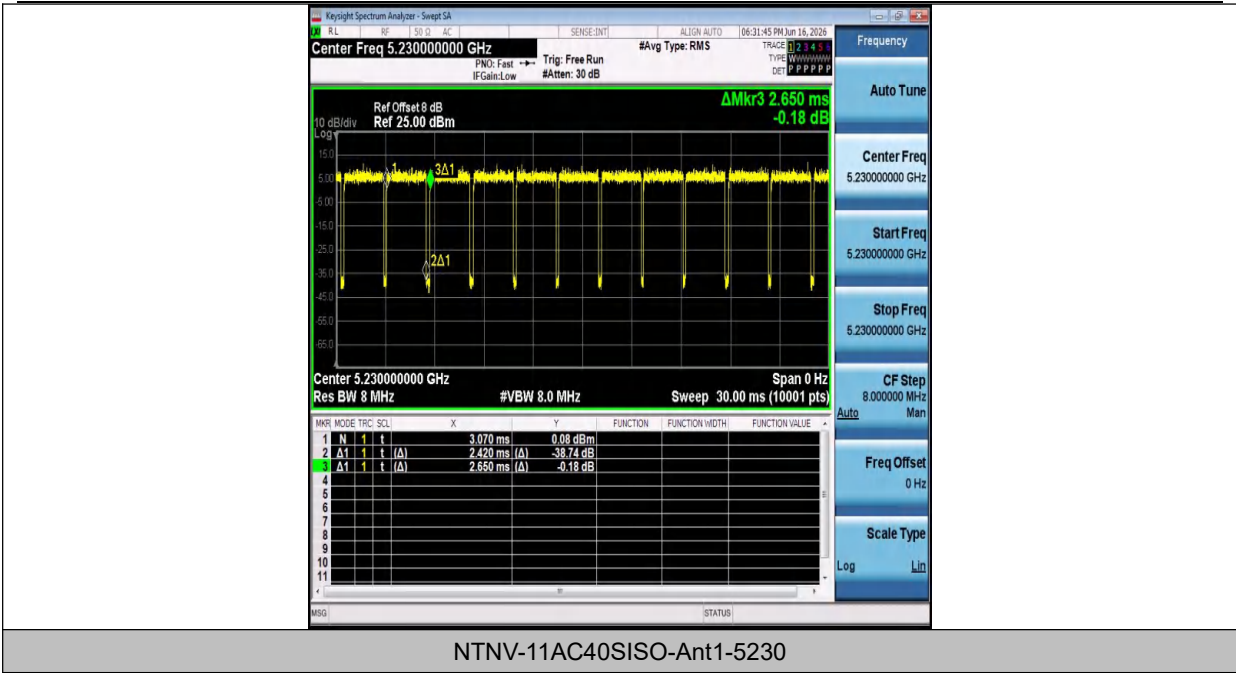


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NTNV-11AC40SISO-Ant1-5230

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Appendix C: Maximum Conducted Output Power

Test Result Channel Power

Test Mode	Antenna	Frequency [MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	13.11	96.75	0.14	13.25	≤23.98	PASS
11A	Ant1	5220	15.86	96.23	0.17	16.03	≤23.98	PASS
11A	Ant1	5240	14.86	96.40	0.16	15.02	≤23.98	PASS
11N20SISO	Ant1	5180	15.39	97.07	0.13	15.52	≤23.98	PASS
11N20SISO	Ant1	5220	15.60	97.45	0.11	15.71	≤23.98	PASS
11N20SISO	Ant1	5240	15.67	96.12	0.17	15.84	≤23.98	PASS
11N40SISO	Ant1	5190	12.83	93.44	0.29	13.12	≤23.98	PASS
11N40SISO	Ant1	5230	12.13	93.77	0.28	12.41	≤23.98	PASS
11AC20SISO	Ant1	5180	14.23	97.46	0.11	14.34	≤23.98	PASS
11AC20SISO	Ant1	5220	13.00	95.58	0.20	13.20	≤23.98	PASS
11AC20SISO	Ant1	5240	12.14	97.46	0.11	12.25	≤23.98	PASS
11AC40SISO	Ant1	5190	12.76	90.98	0.41	13.17	≤23.98	PASS
11AC40SISO	Ant1	5230	14.44	91.32	0.39	14.83	≤23.98	PASS

Note: 1.The Duty Cycle Factor and cable loss are compensated in the graph.

Test Graphs Channel Power



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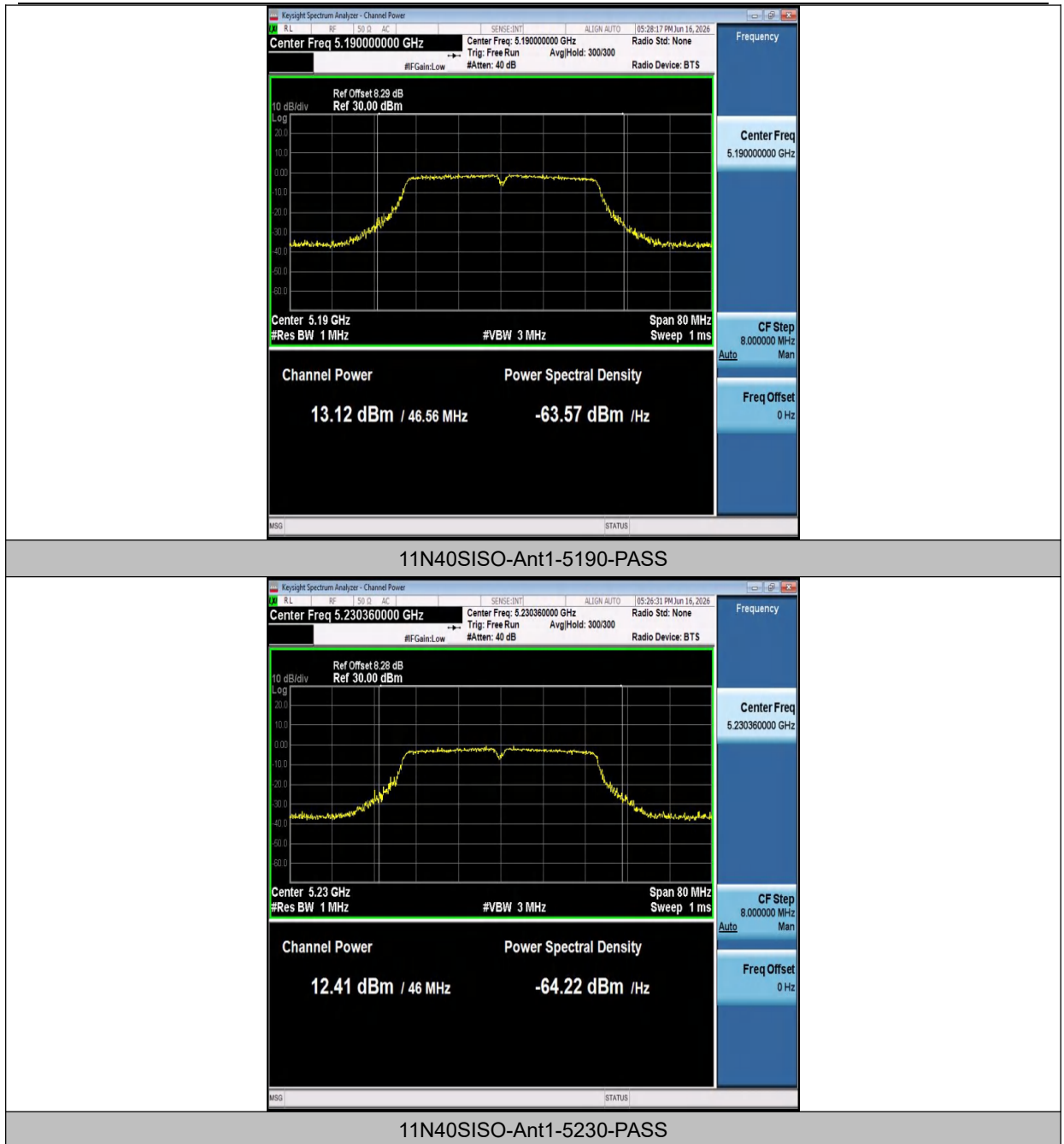
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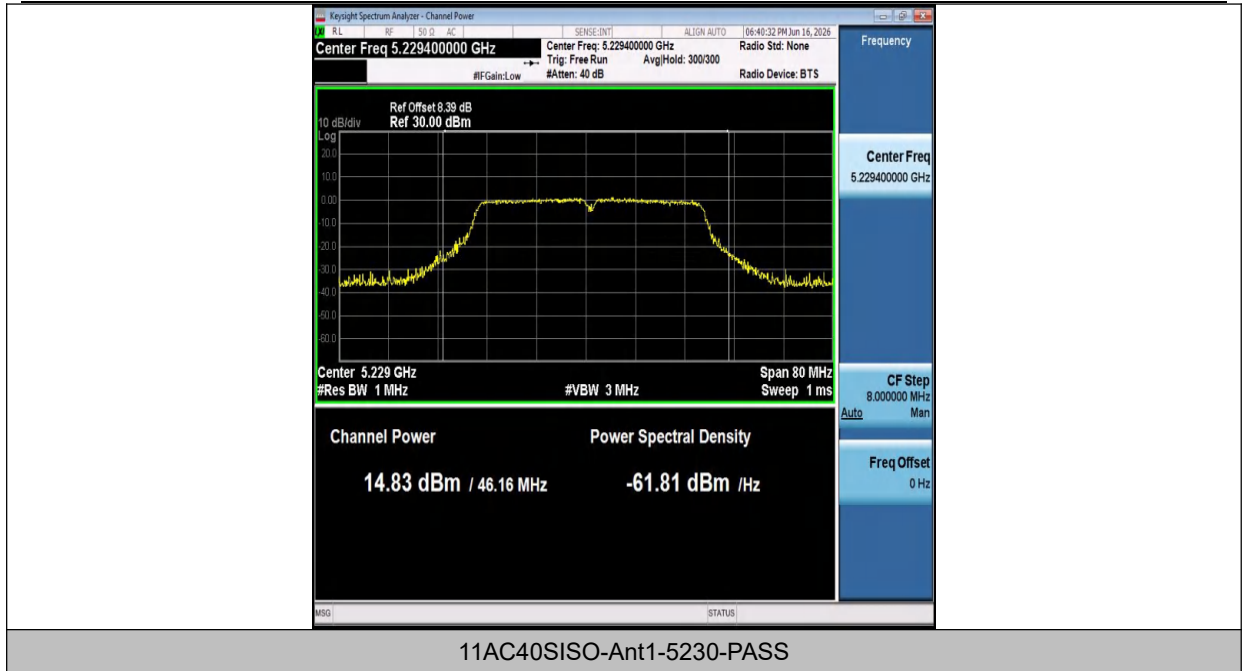
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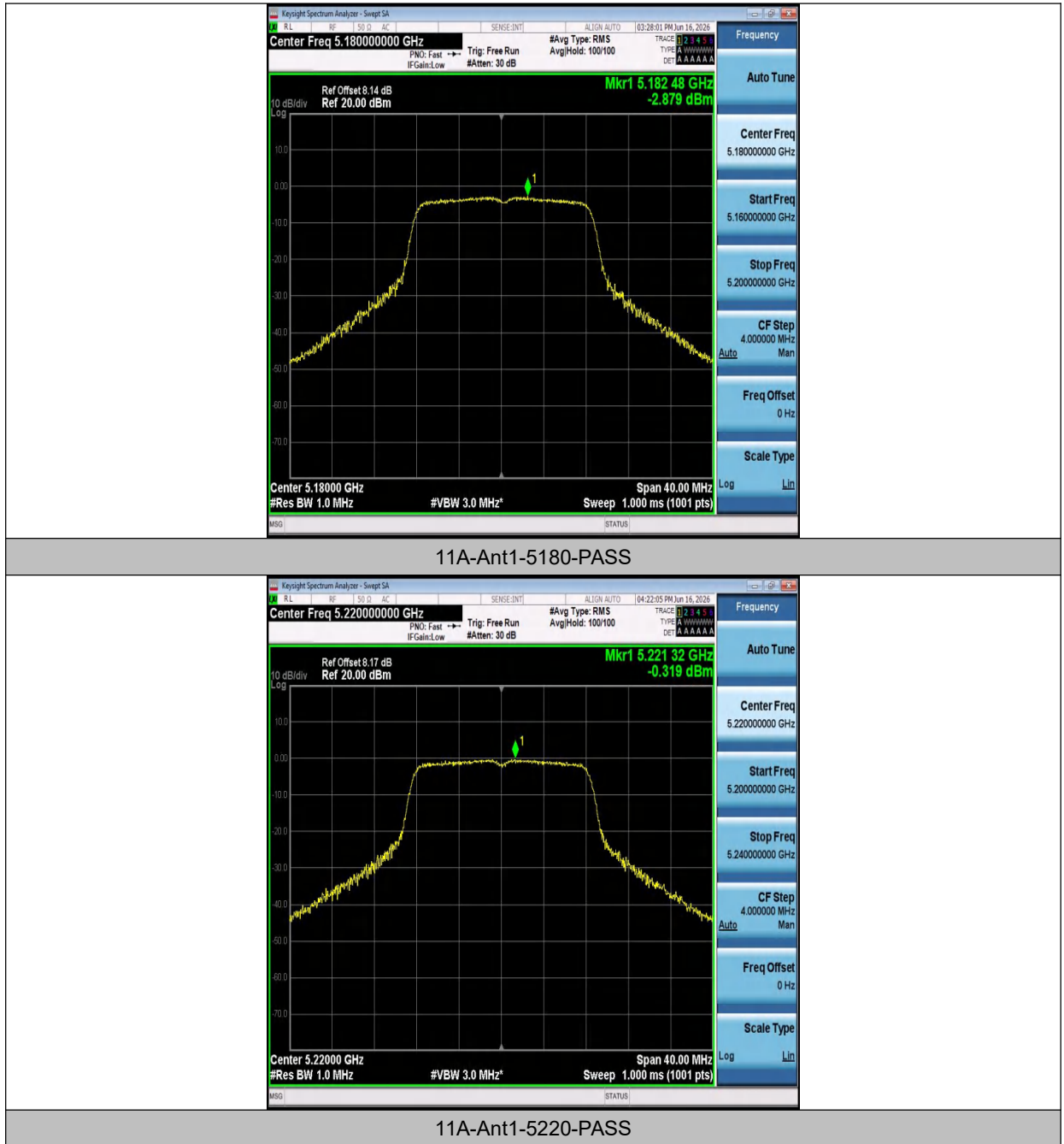
Appendix D: Maximum Power Spectral Density

Test Result

Test Mode	Antenna	Frequency[MHz]	Reading Result [dBm/MHz]	DC Factor [dBm]	Result [dBm]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	-3.02	0.14	-2.88	≤11.00	PASS
11A	Ant1	5220	-0.49	0.17	-0.32	≤11.00	PASS
11A	Ant1	5240	-3.75	0.16	-3.59	≤11.00	PASS
11N20SISO	Ant1	5180	-0.42	0.13	-0.29	≤11.00	PASS
11N20SISO	Ant1	5220	-1.00	0.11	-0.89	≤11.00	PASS
11N20SISO	Ant1	5240	-0.78	0.17	-0.61	≤11.00	PASS
11N40SISO	Ant1	5190	-6.57	0.29	-6.28	≤11.00	PASS
11N40SISO	Ant1	5230	-7.39	0.28	-7.11	≤11.00	PASS
11AC20SISO	Ant1	5180	-1.94	0.11	-1.83	≤11.00	PASS
11AC20SISO	Ant1	5220	-3.14	0.20	-2.94	≤11.00	PASS
11AC20SISO	Ant1	5240	-4.18	0.11	-4.07	≤11.00	PASS
11AC40SISO	Ant1	5190	-6.76	0.41	-6.35	≤11.00	PASS
11AC40SISO	Ant1	5230	-5.04	0.39	-4.65	≤11.00	PASS

Note: 1.The Duty Cycle Factor and cable loss are compensated in the graph.

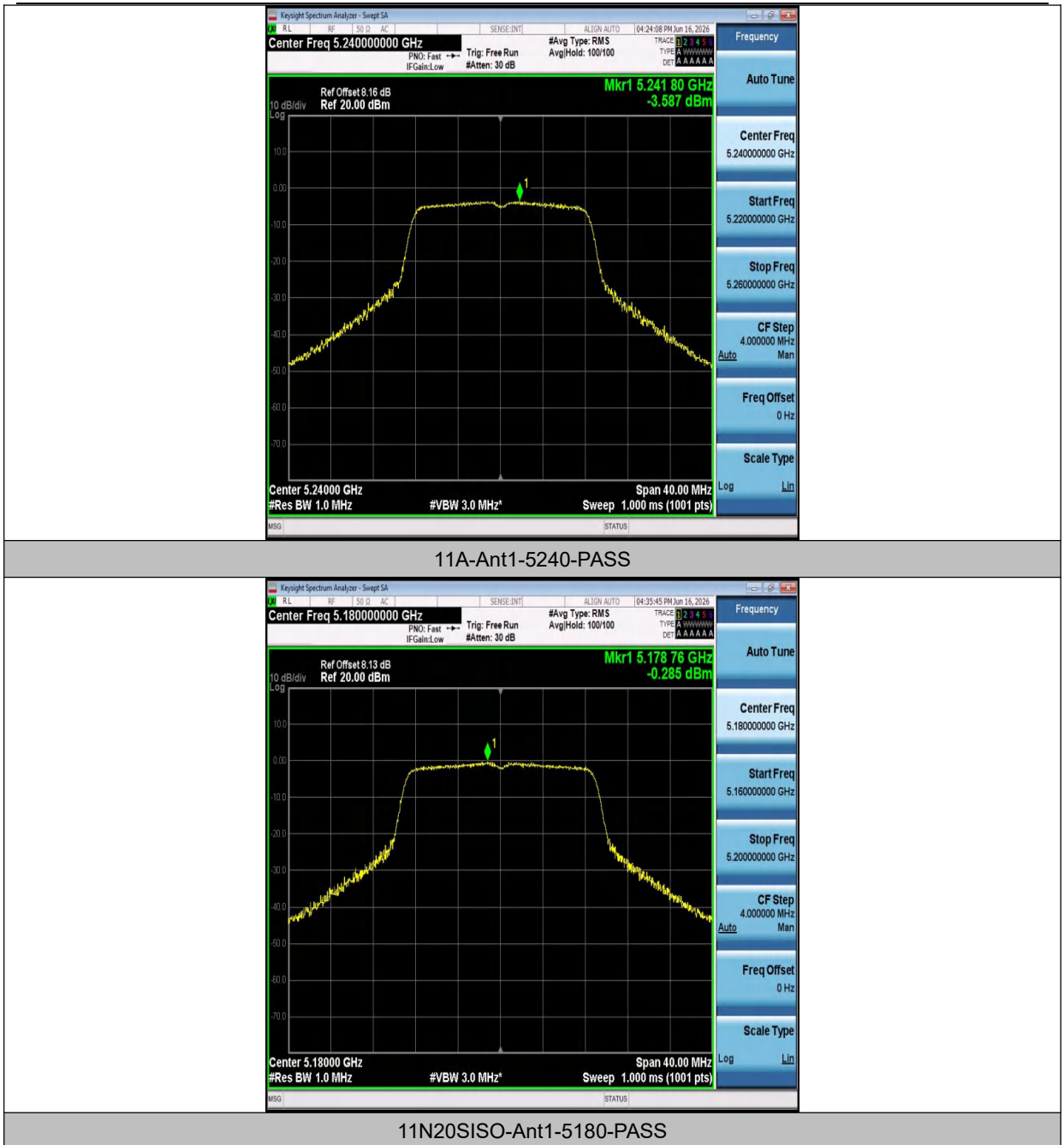
Test Graphs



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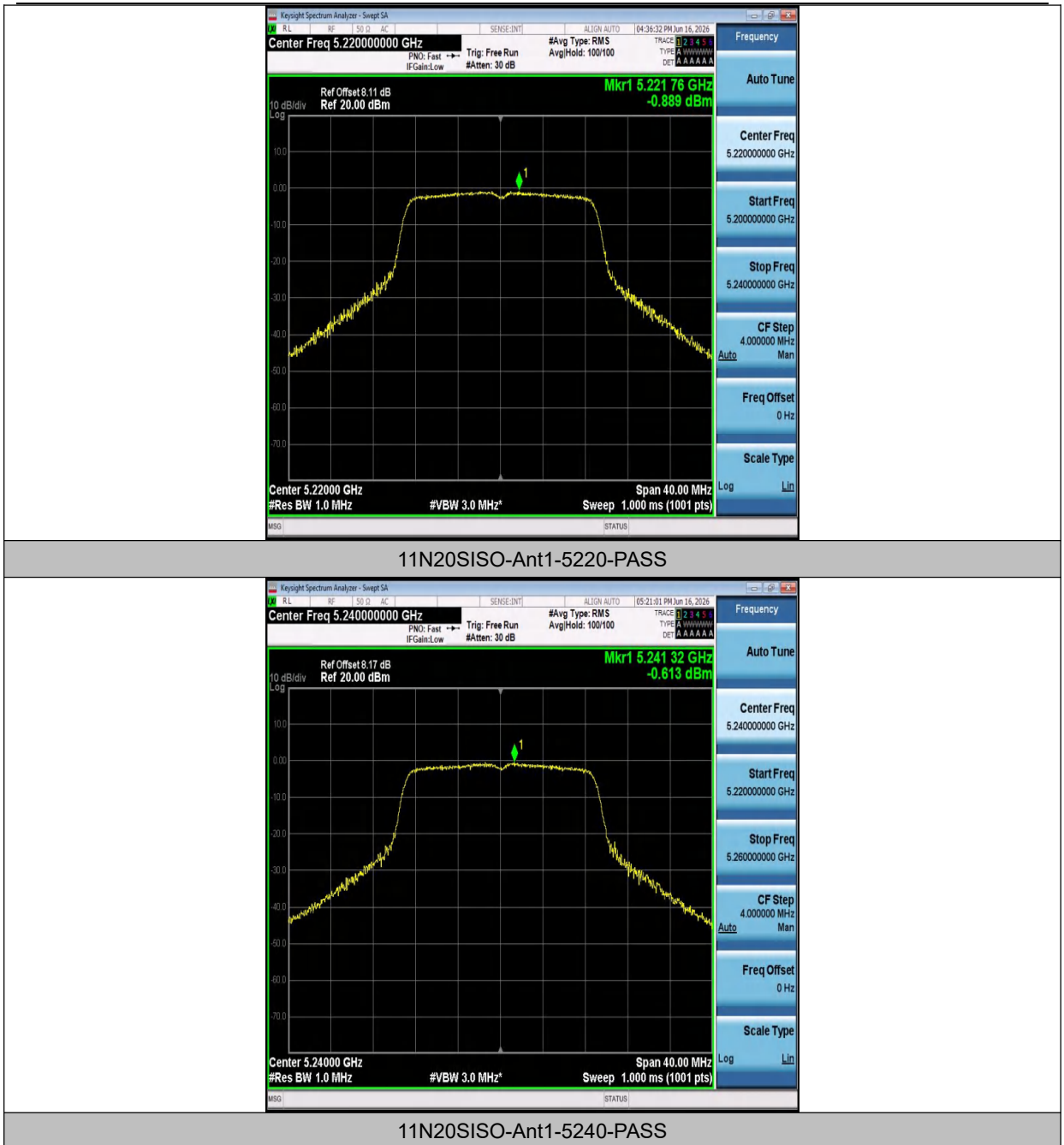
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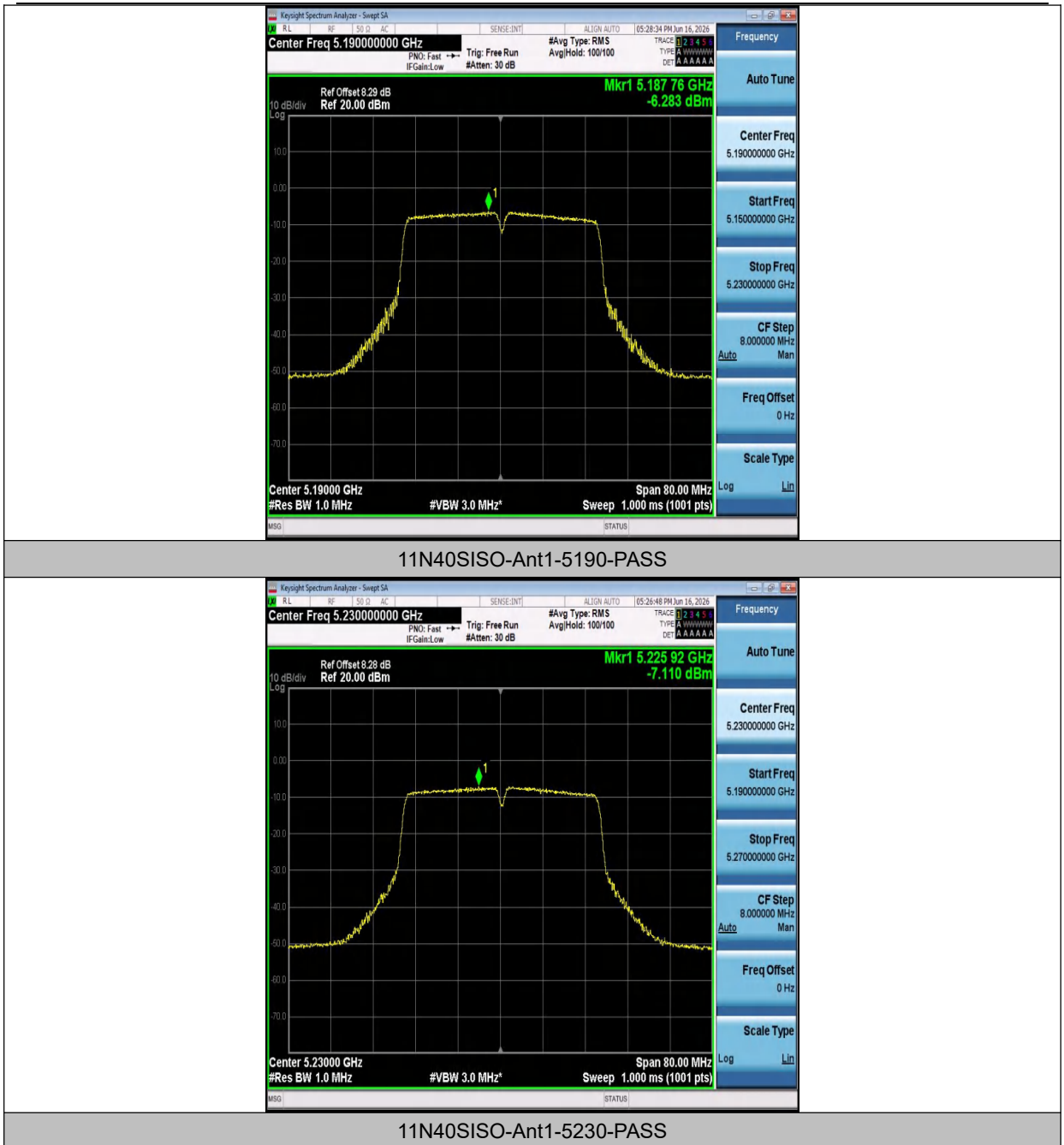
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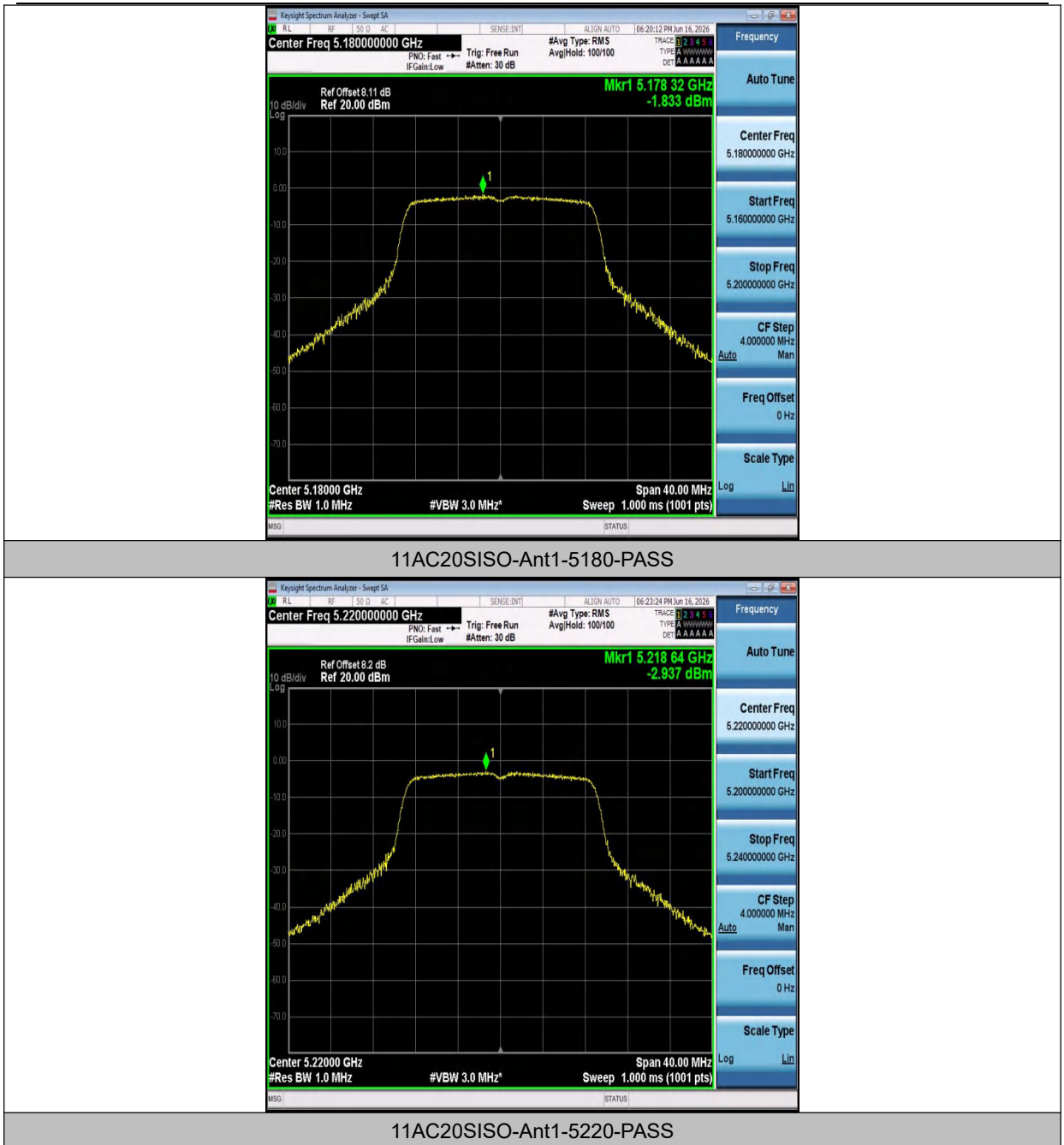
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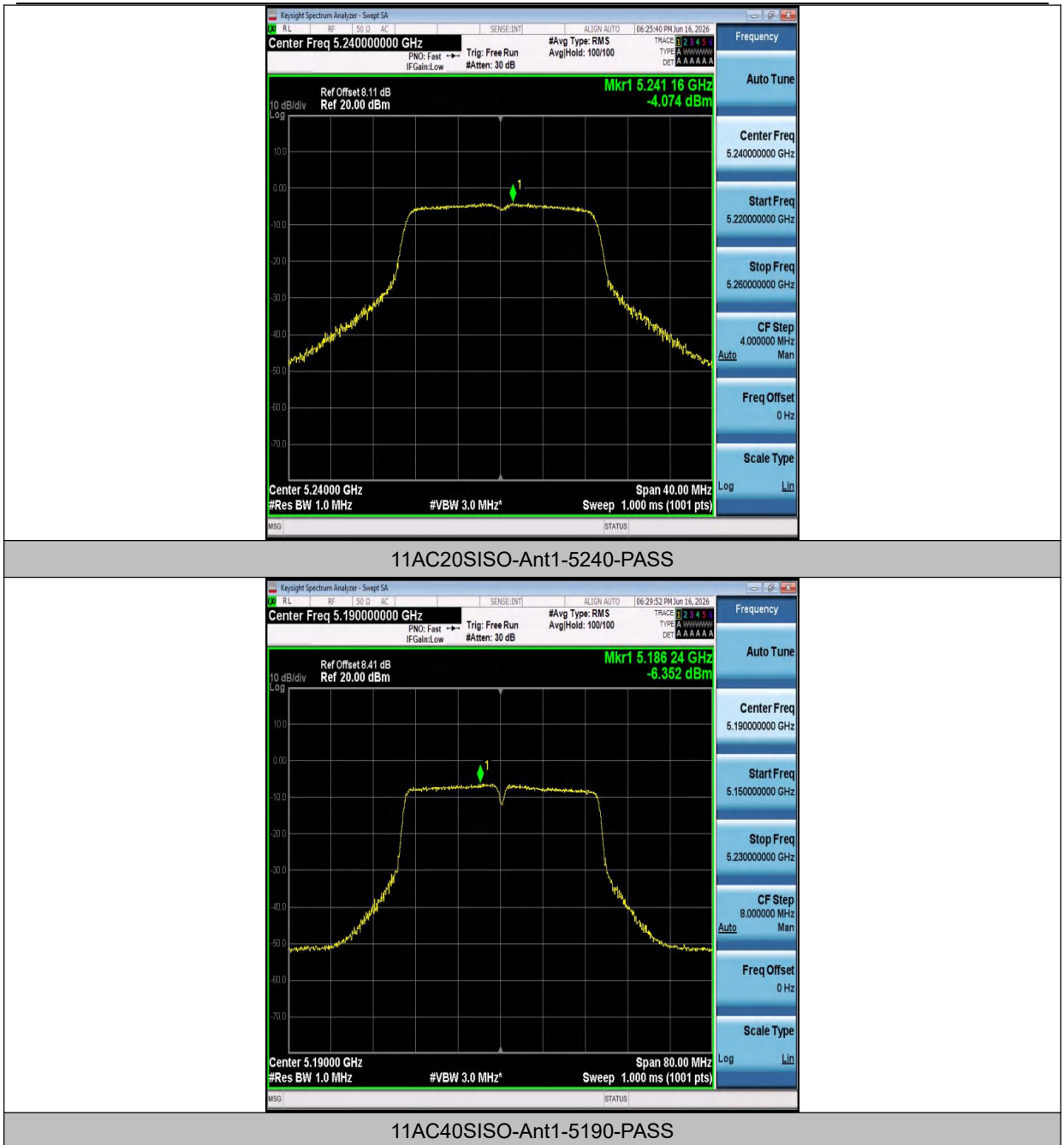
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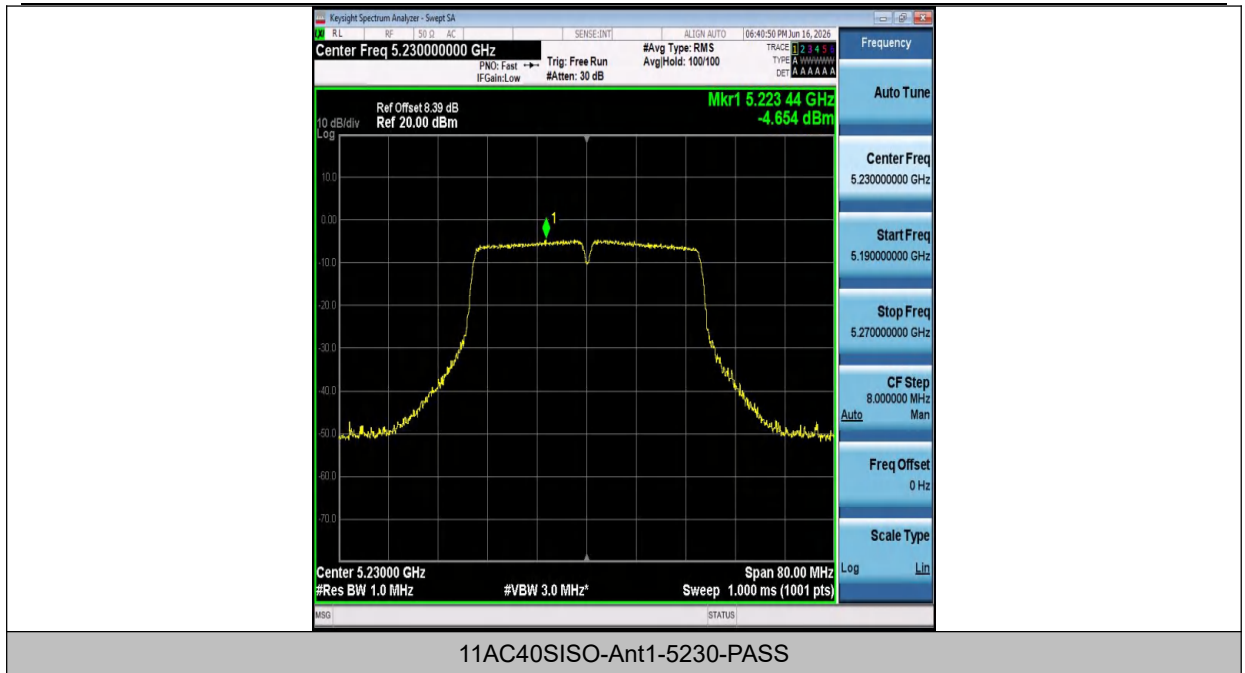
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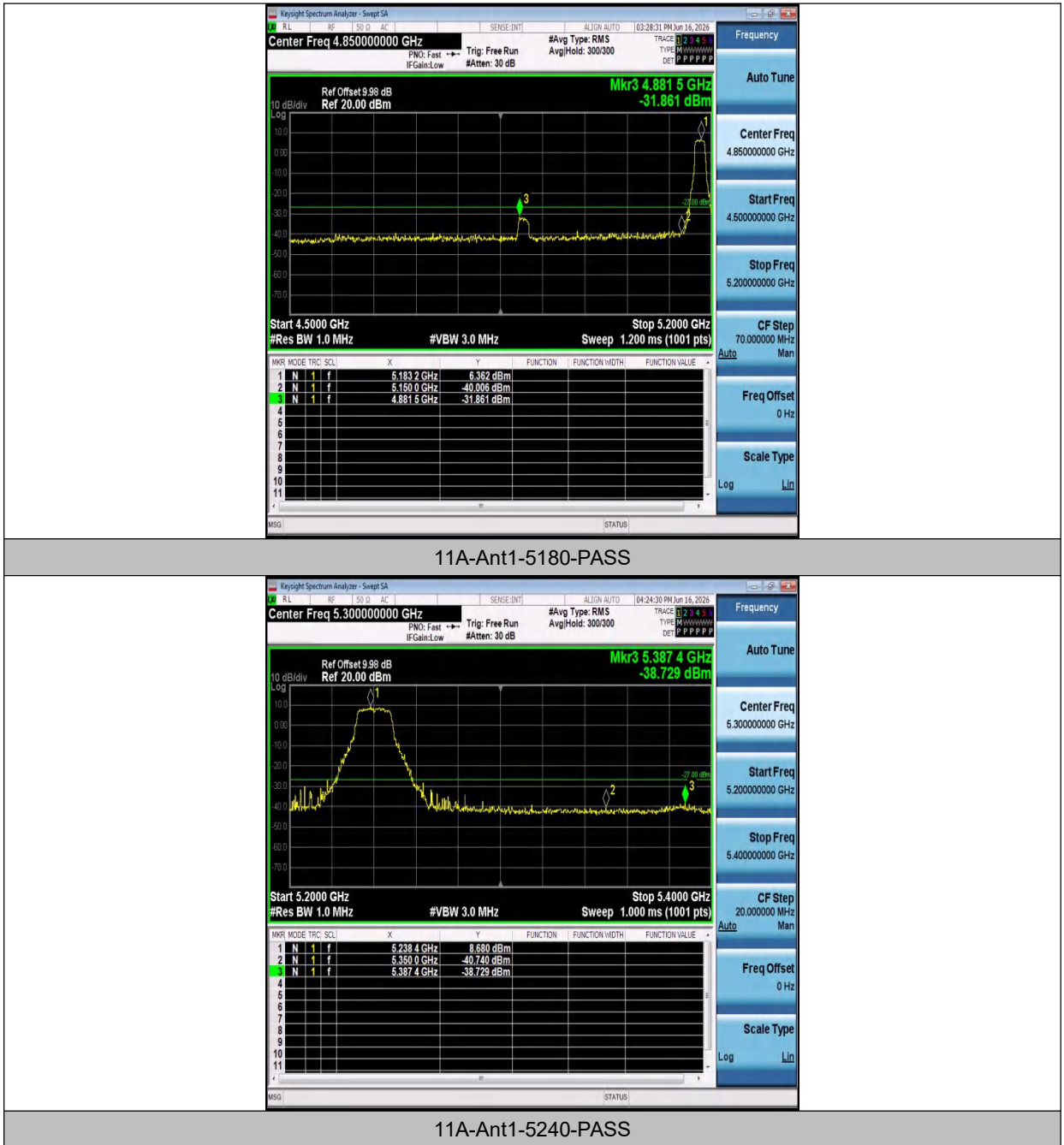
Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-31.86	≤-27	PASS
11A	Ant1	High	5240	-38.73	≤-27	PASS
11N20SISO	Ant1	Low	5180	-39.06	≤-27	PASS
11N20SISO	Ant1	High	5240	-39.81	≤-27	PASS
11N40SISO	Ant1	Low	5190	-30.67	≤-27	PASS
11N40SISO	Ant1	High	5230	-40.43	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-38.29	≤-27	PASS
11AC20SISO	Ant1	High	5240	-39.11	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-34.02	≤-27	PASS
11AC40SISO	Ant1	High	5230	-40.37	≤-27	PASS

Note: The margin plus the antenna gain also meets the limit.

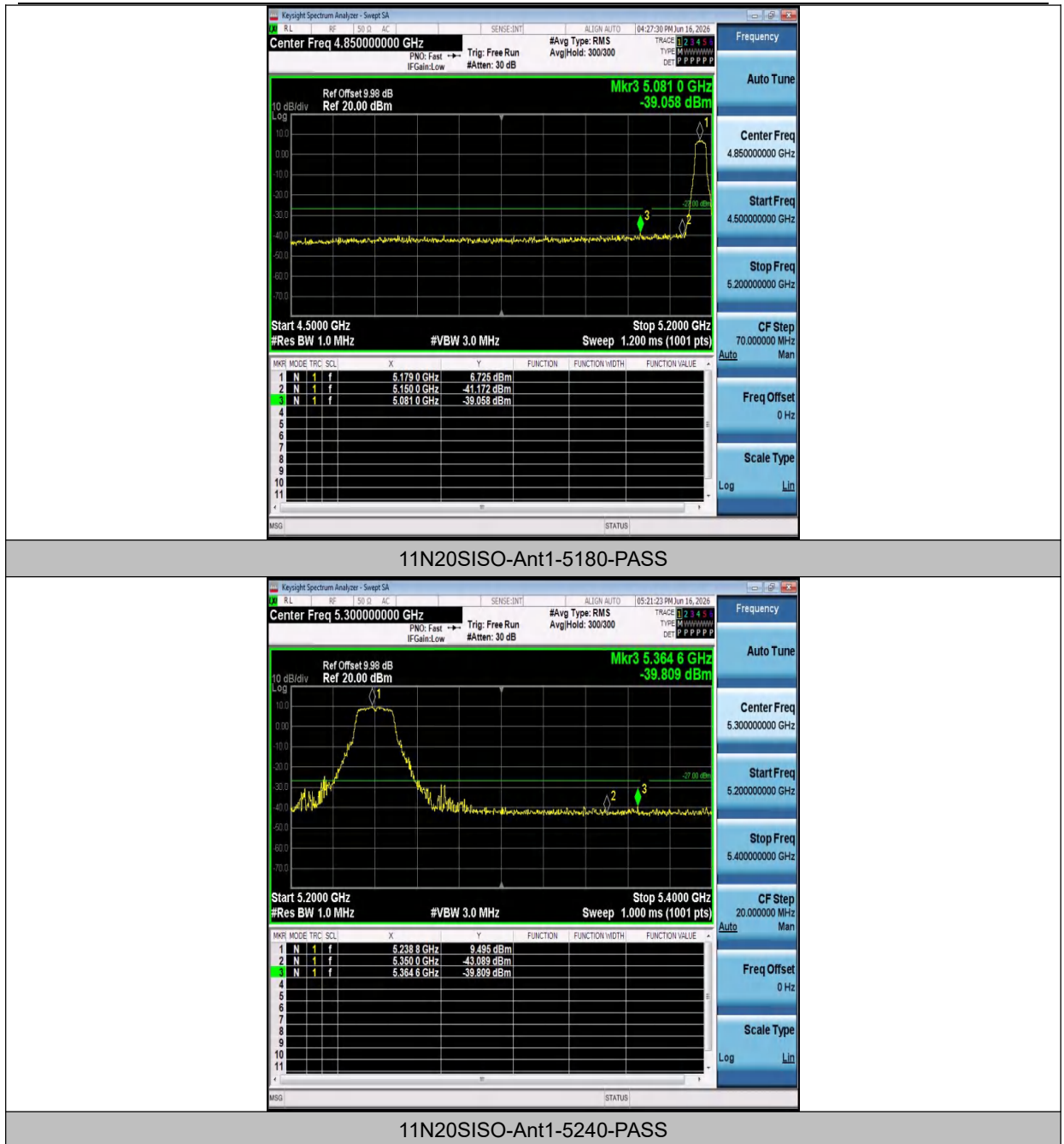
Test Graphs

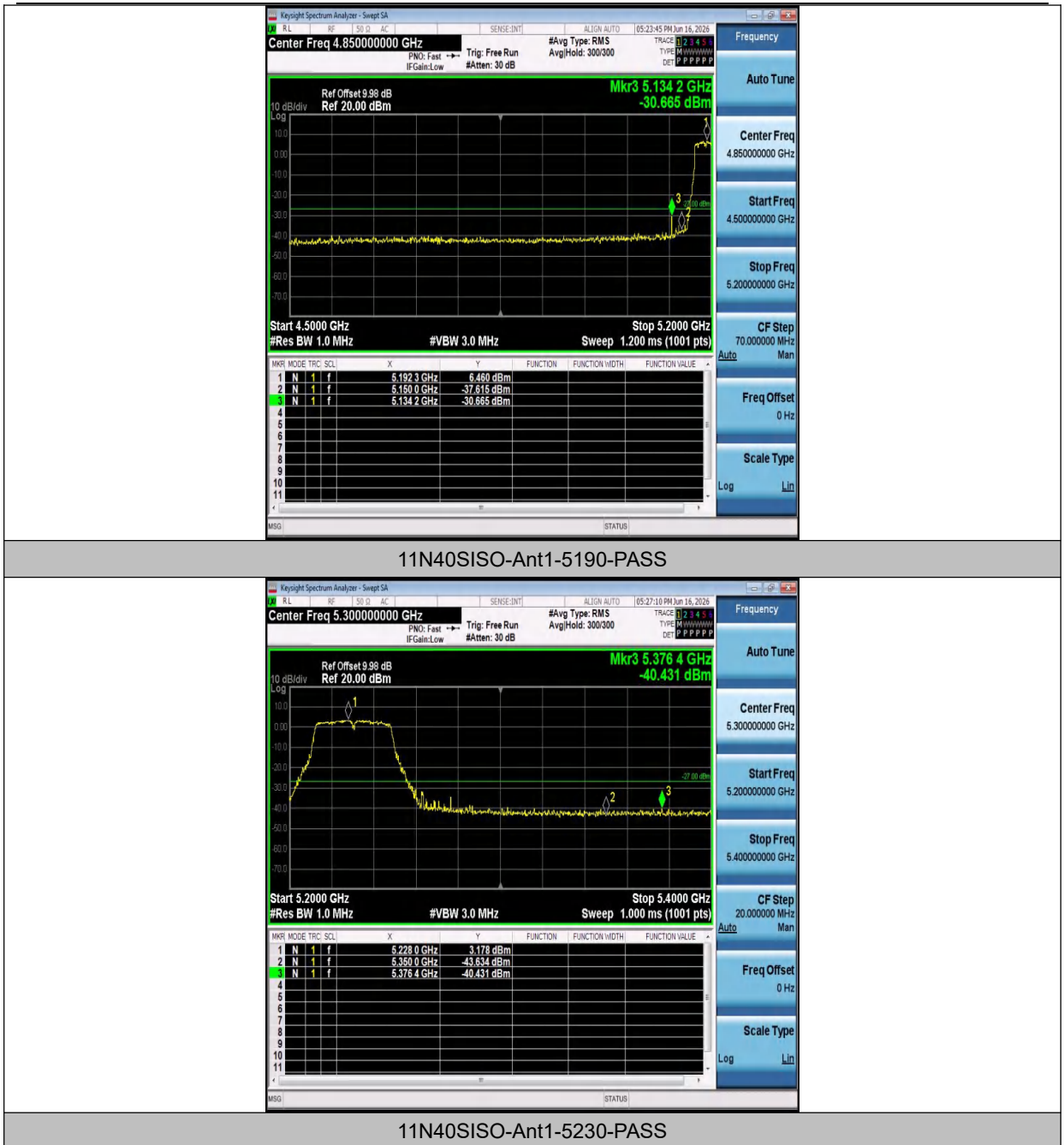


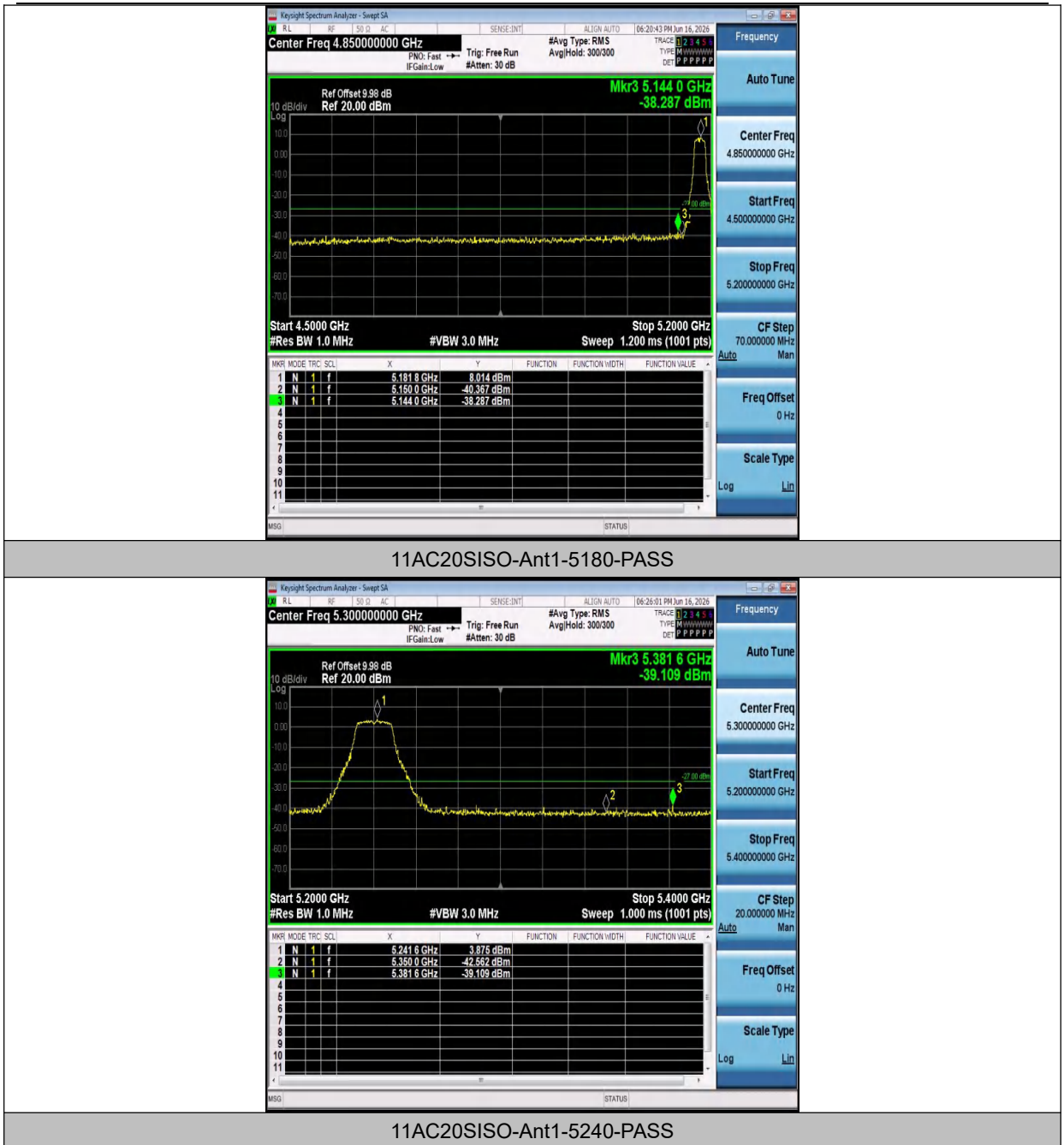
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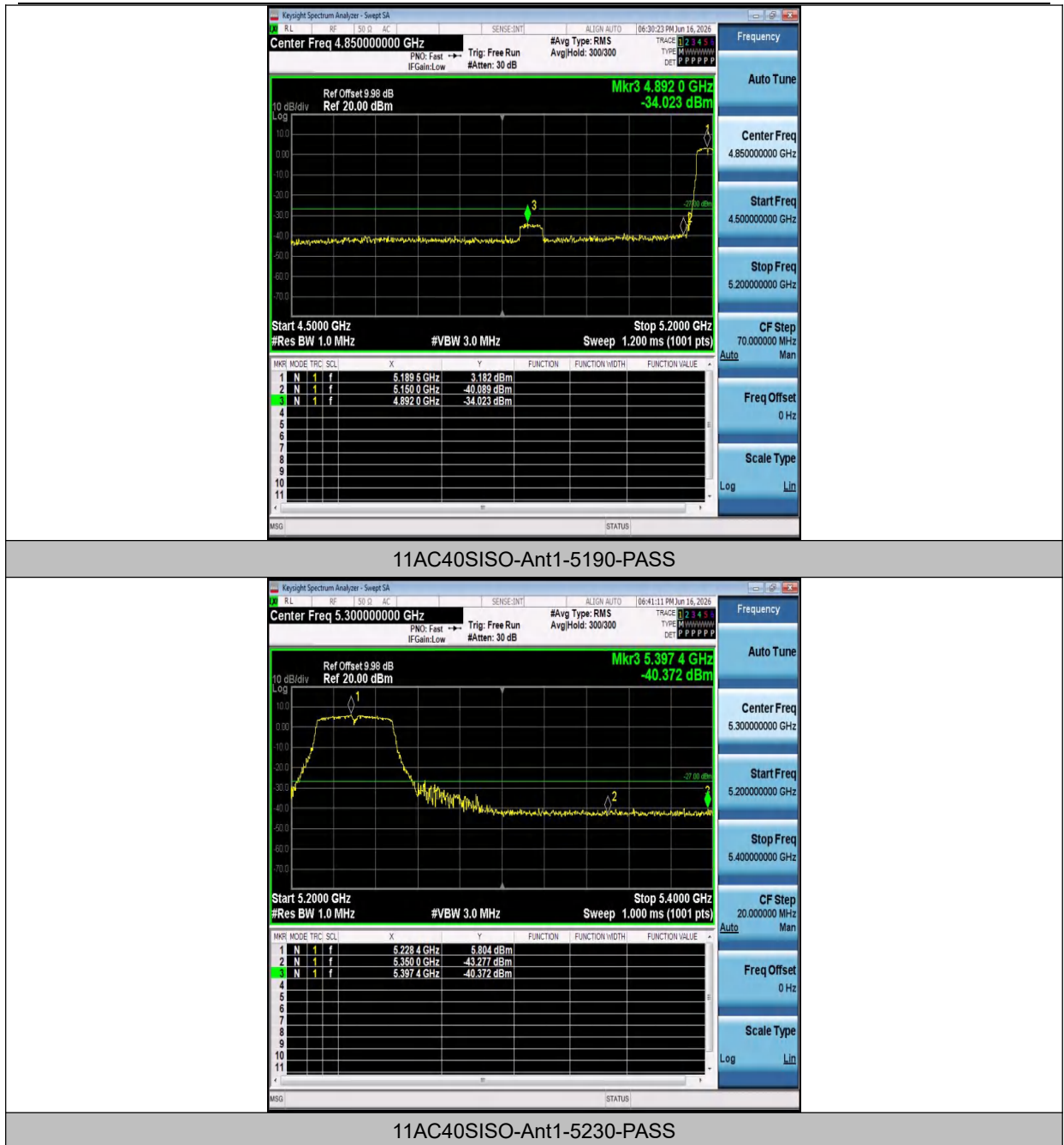
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