

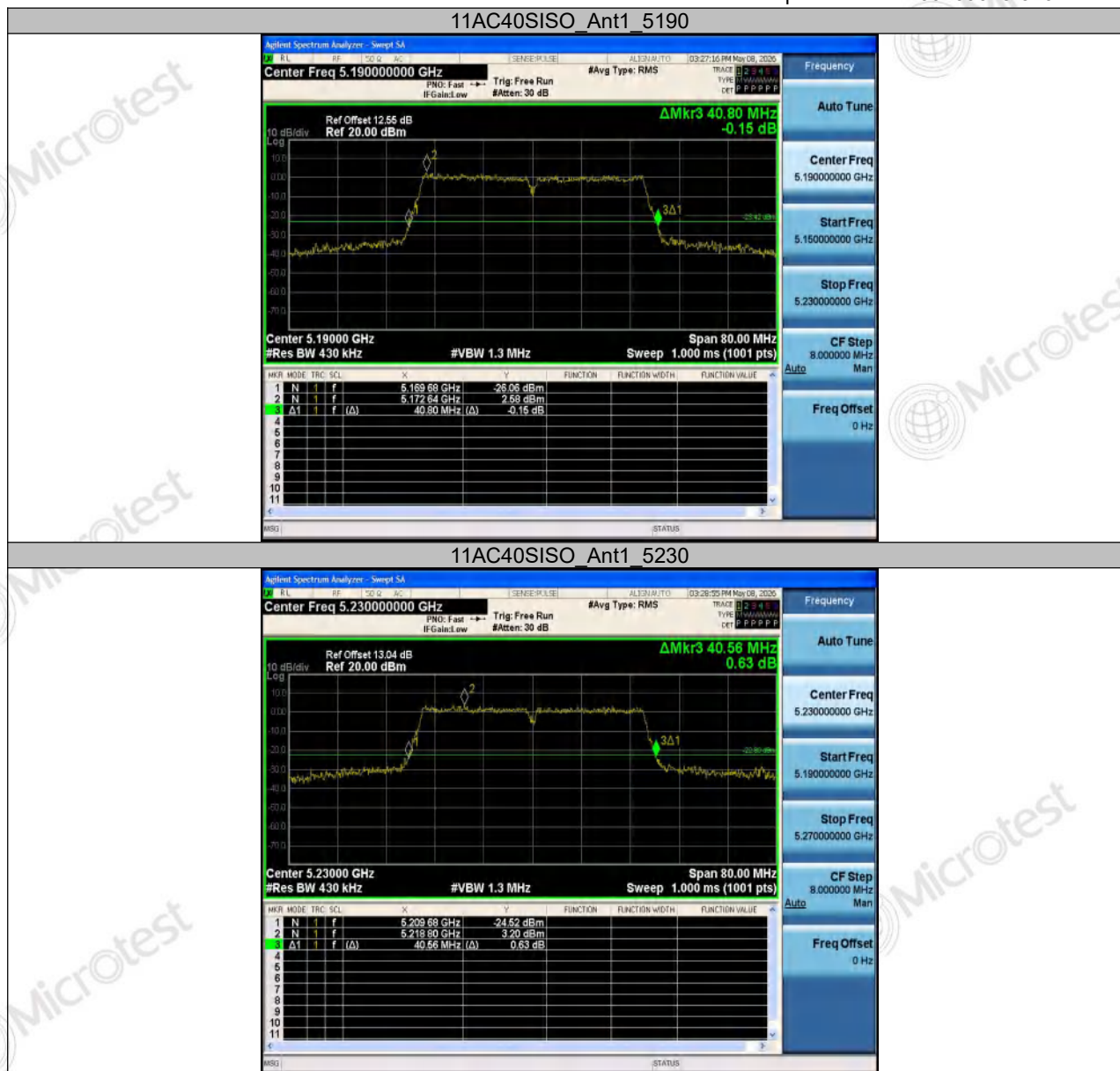
TEST REPORT

Report No.: MTI260409013-0102E4



TEST REPORT

Report No.: MTI260409013-0102E4



TEST REPORT

Report No.: MTI260409013-0102E4

11AC40SISO_Ant1_5755

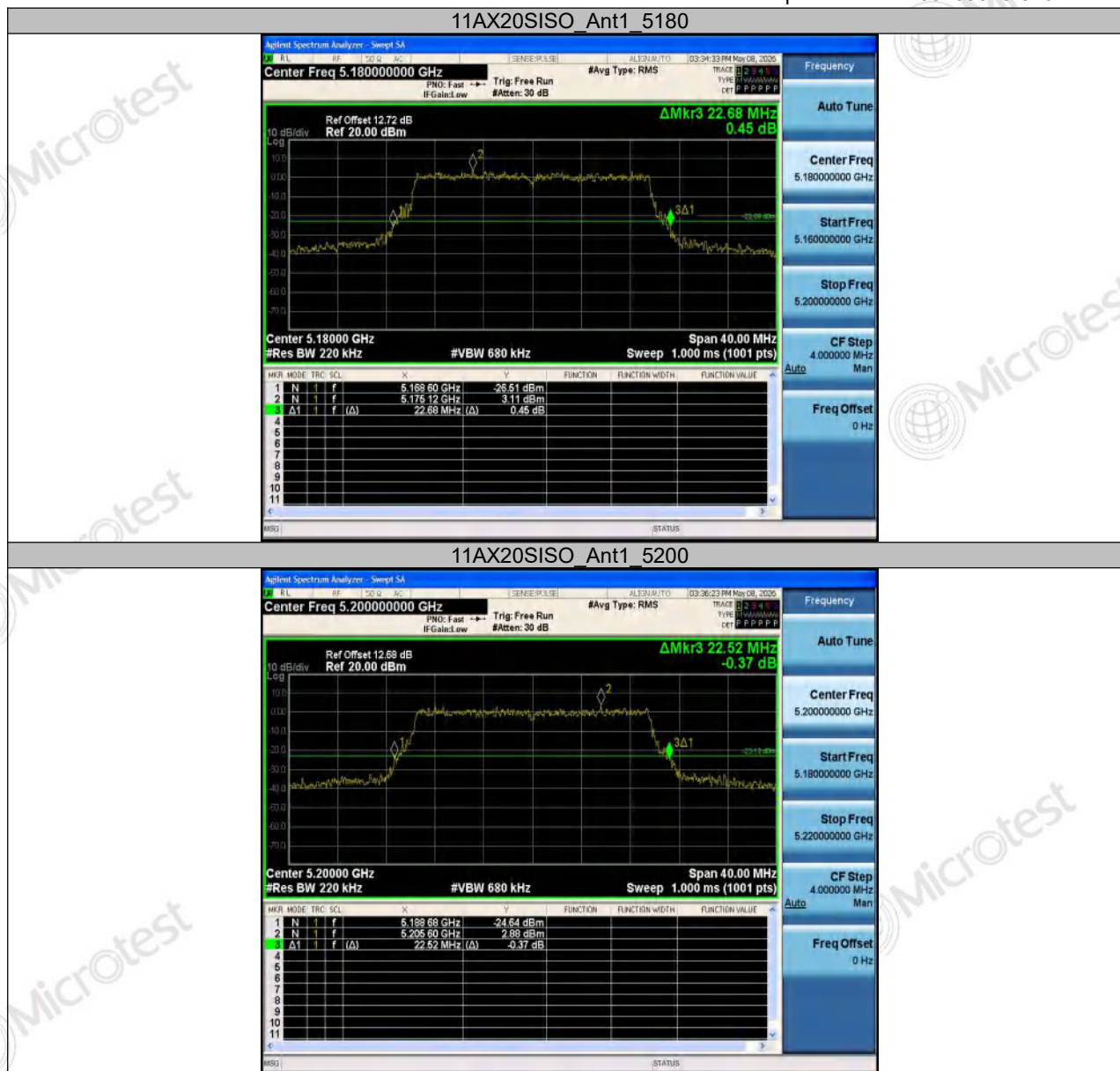


11AC40SISO_Ant1_5795



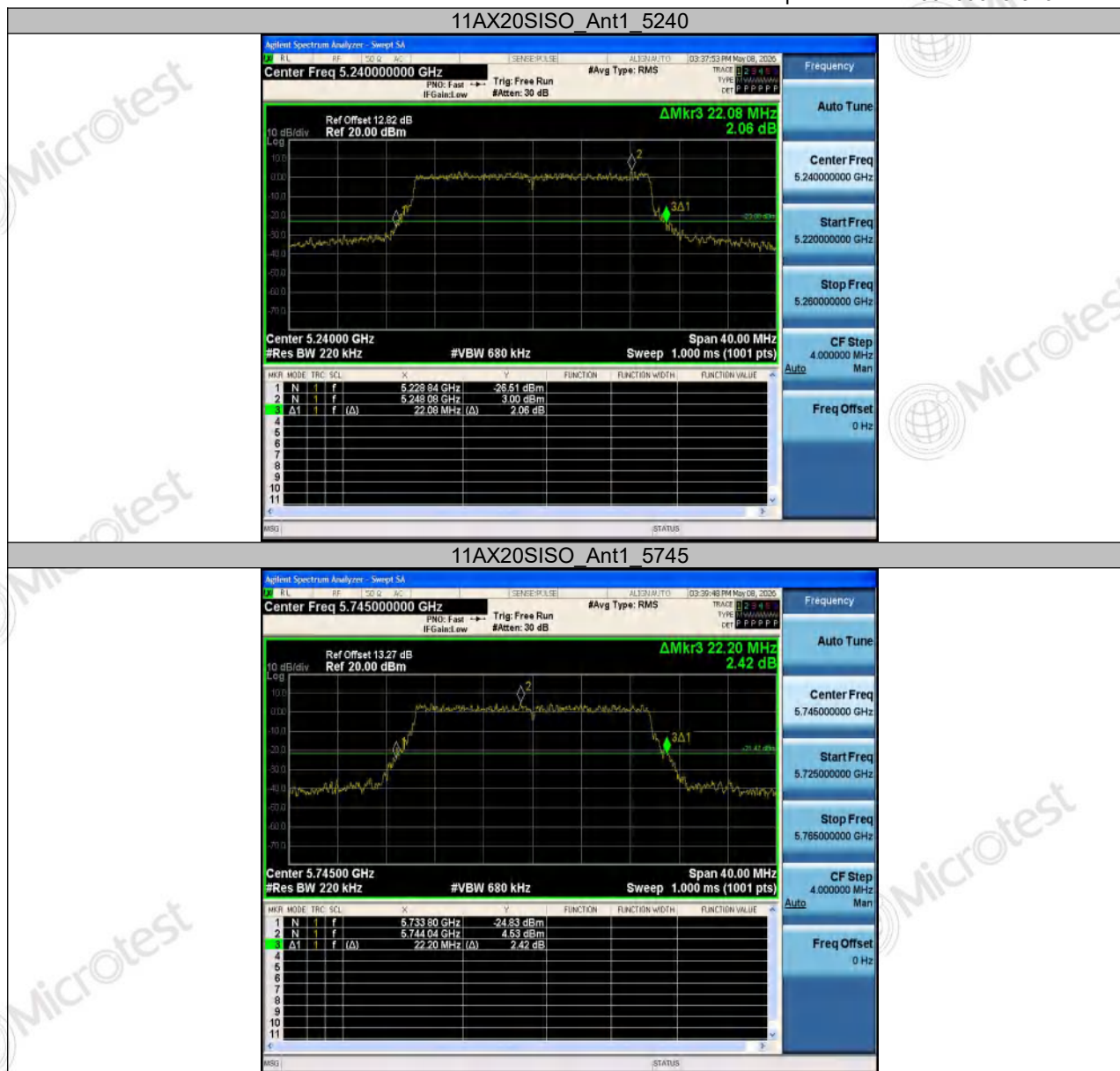
TEST REPORT

Report No.: MTI260409013-0102E4



TEST REPORT

Report No.: MTI260409013-0102E4



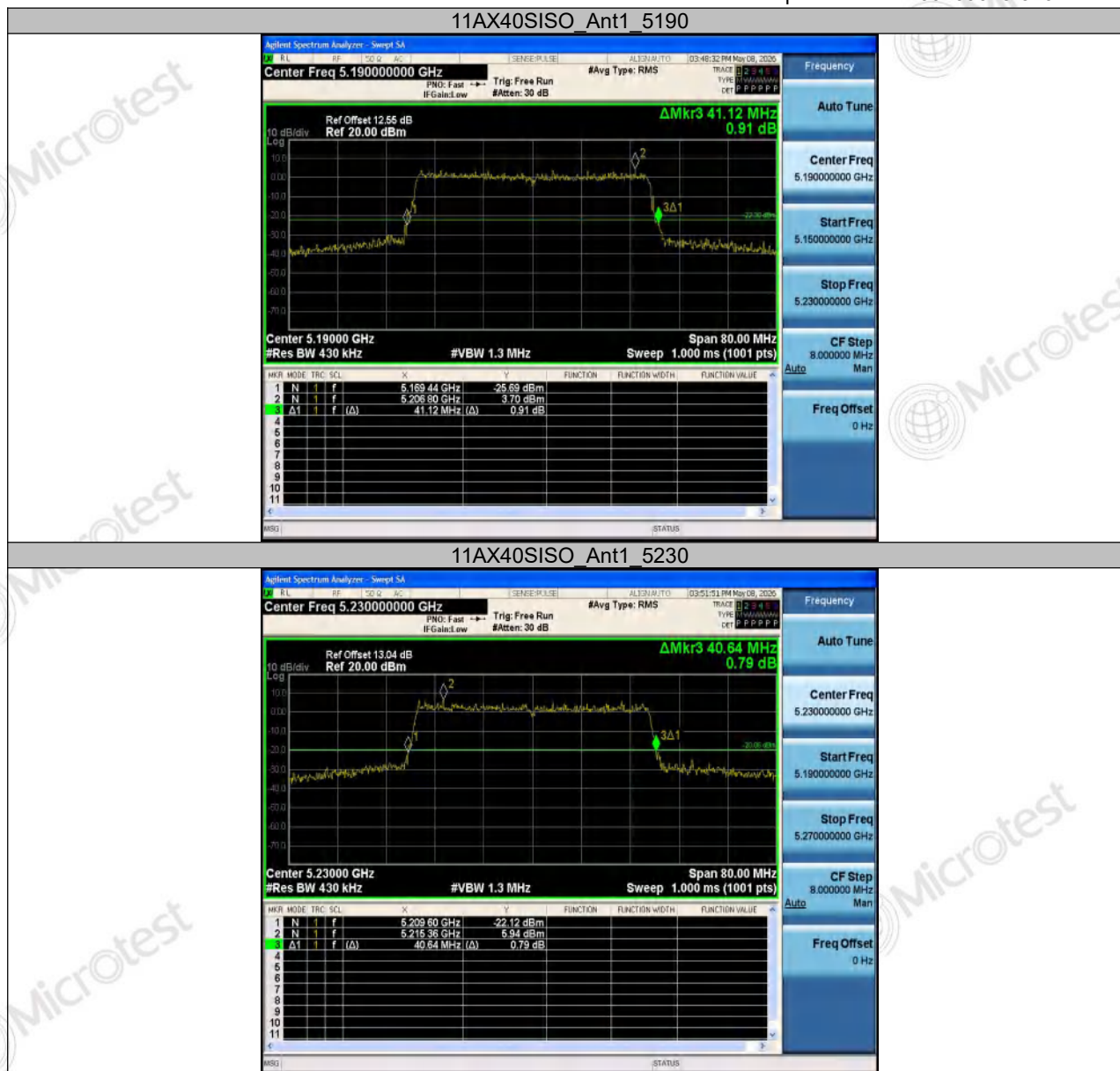
TEST REPORT

Report No.: MTI260409013-0102E4



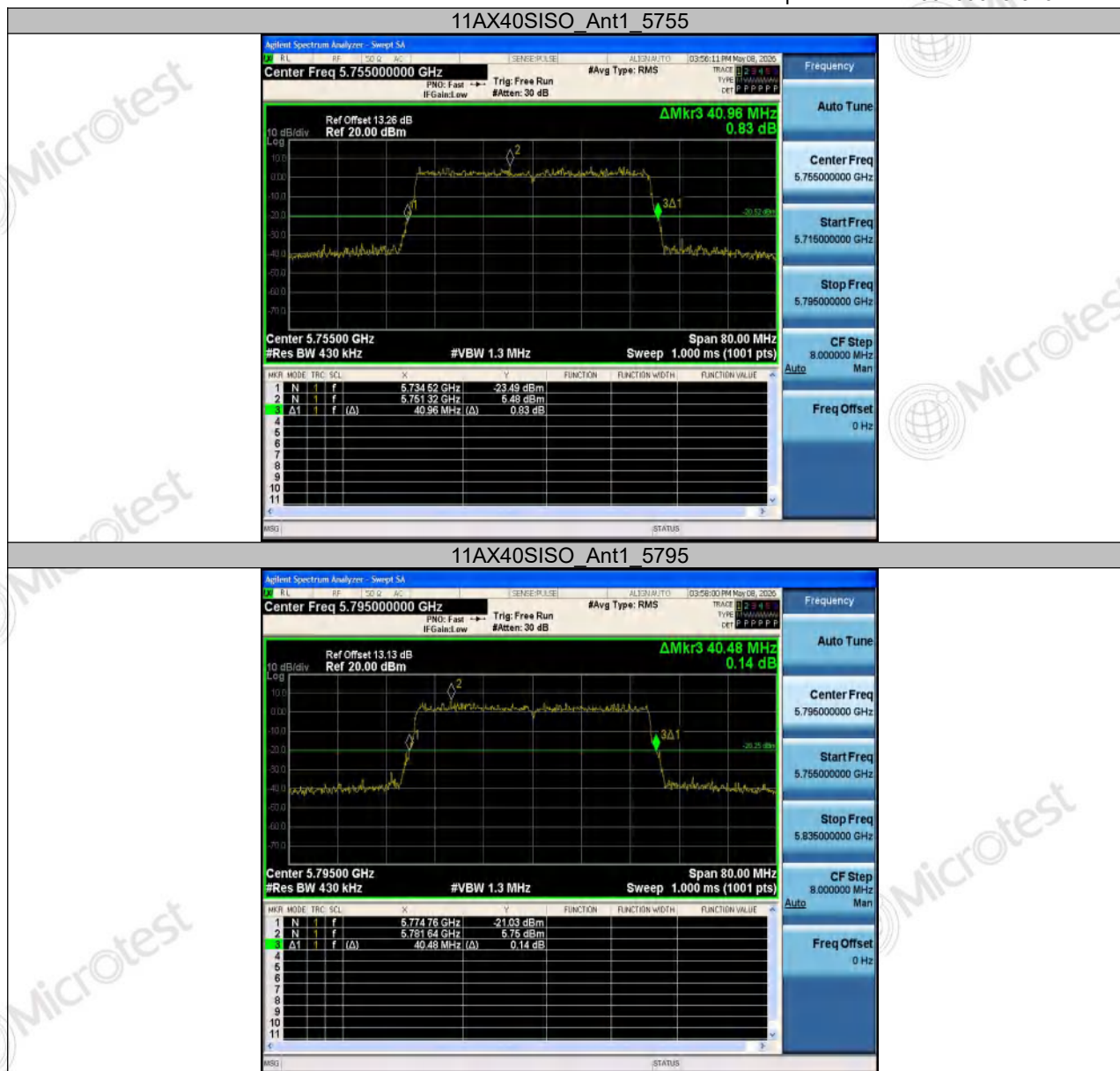
TEST REPORT

Report No.: MTI260409013-0102E4



TEST REPORT

Report No.: MTI260409013-0102E4



TEST REPORT

Report No.: MTi260409013-0102E4

6.10 Appendix A2: Occupied channel bandwidth

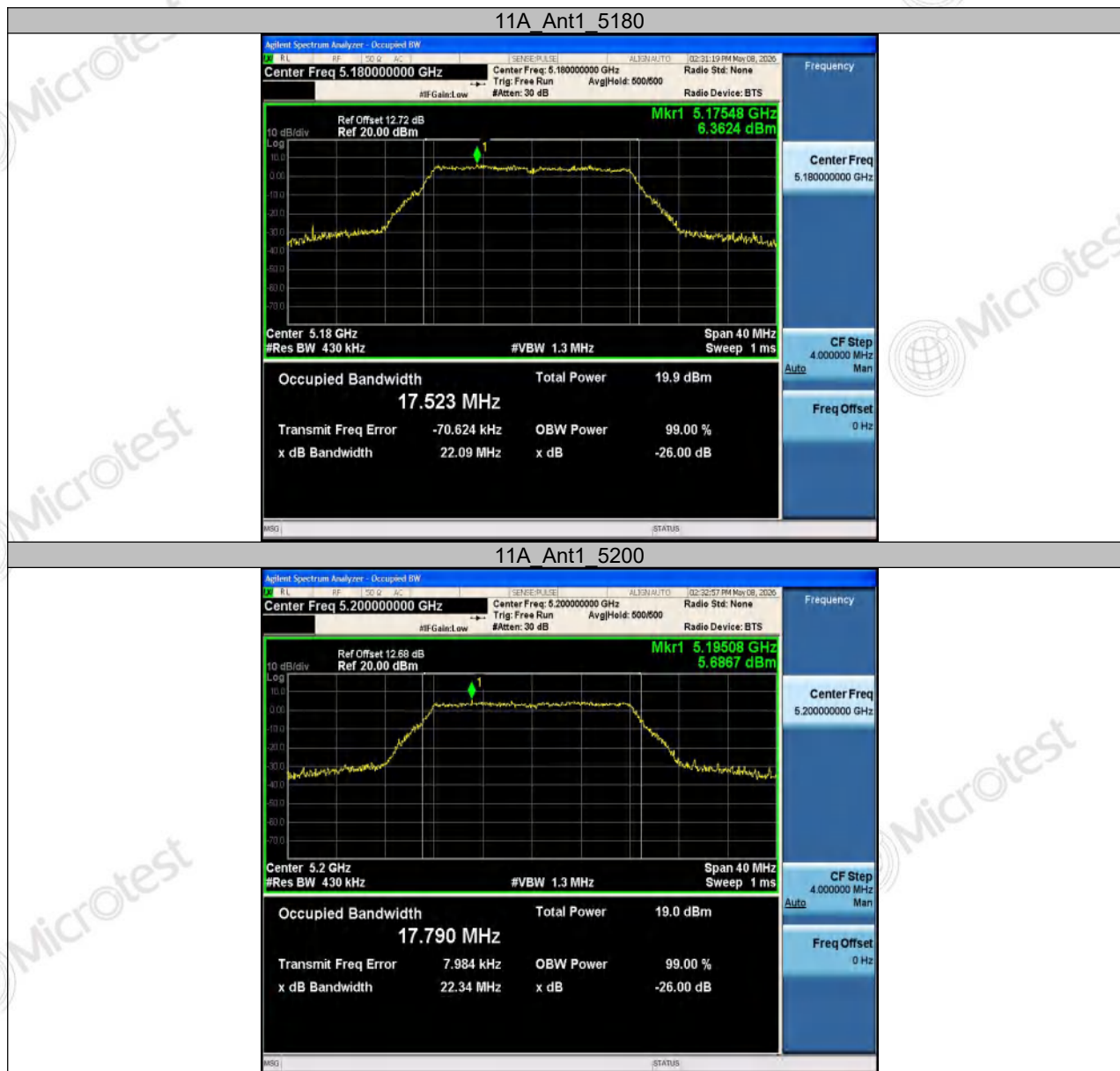
6.10.1 Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11A	Ant1	5180	17.523	5171.1679	5188.6909
		5200	17.790	5191.1130	5208.9030
		5240	17.790	5231.1108	5248.9008
		5745	17.732	5736.0796	5753.8116
		5785	17.635	5776.1476	5793.7826
		5825	17.596	5816.1388	5833.7348
11N20SISO	Ant1	5180	18.478	5170.7093	5189.1873
		5200	18.539	5190.7301	5209.2691
		5240	18.482	5230.7375	5249.2195
		5745	18.493	5735.7391	5754.2321
		5785	18.458	5775.7676	5794.2256
		5825	18.492	5815.7407	5834.2327
11N40SISO	Ant1	5190	37.044	5171.4890	5208.5330
		5230	36.968	5211.5087	5248.4767
		5755	36.890	5736.5521	5773.4421
		5795	36.804	5776.6556	5813.4596
11AC20SISO	Ant1	5180	18.434	5170.7453	5189.1793
		5200	18.555	5190.7583	5209.3133
		5240	18.538	5230.7358	5249.2738
		5745	18.514	5735.7318	5754.2458
		5785	18.521	5775.7503	5794.2713
		5825	18.504	5815.7533	5834.2573
11AC40SISO	Ant1	5190	36.999	5171.4996	5208.4986
		5230	36.908	5211.5621	5248.4701
		5755	36.878	5736.6002	5773.4782
		5795	36.867	5776.6247	5813.4917
11AX20SISO	Ant1	5180	19.330	5170.3012	5189.6312
		5200	19.460	5190.3017	5209.7617
		5240	19.366	5230.2973	5249.6633
		5745	19.331	5735.3949	5754.7259
		5785	19.354	5775.2987	5794.6527
		5825	19.305	5815.3122	5834.6172
11AX40SISO	Ant1	5190	38.099	5170.9524	5209.0514
		5230	38.200	5210.9195	5249.1195
		5755	38.145	5735.9832	5774.1282
		5795	38.036	5776.0145	5814.0505

TEST REPORT

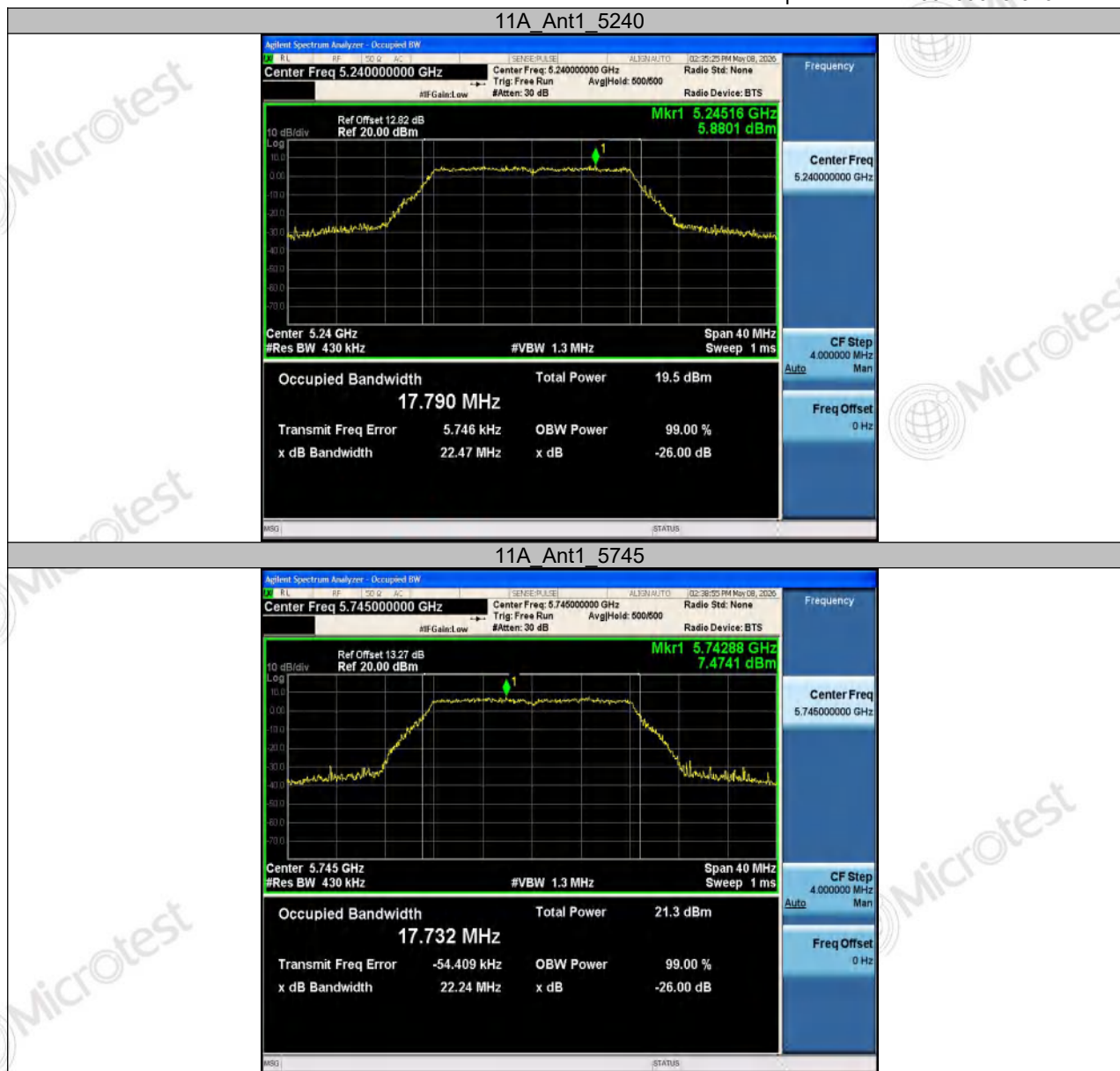
Report No.: MTi260409013-0102E4

6.10.2 Test Graphs



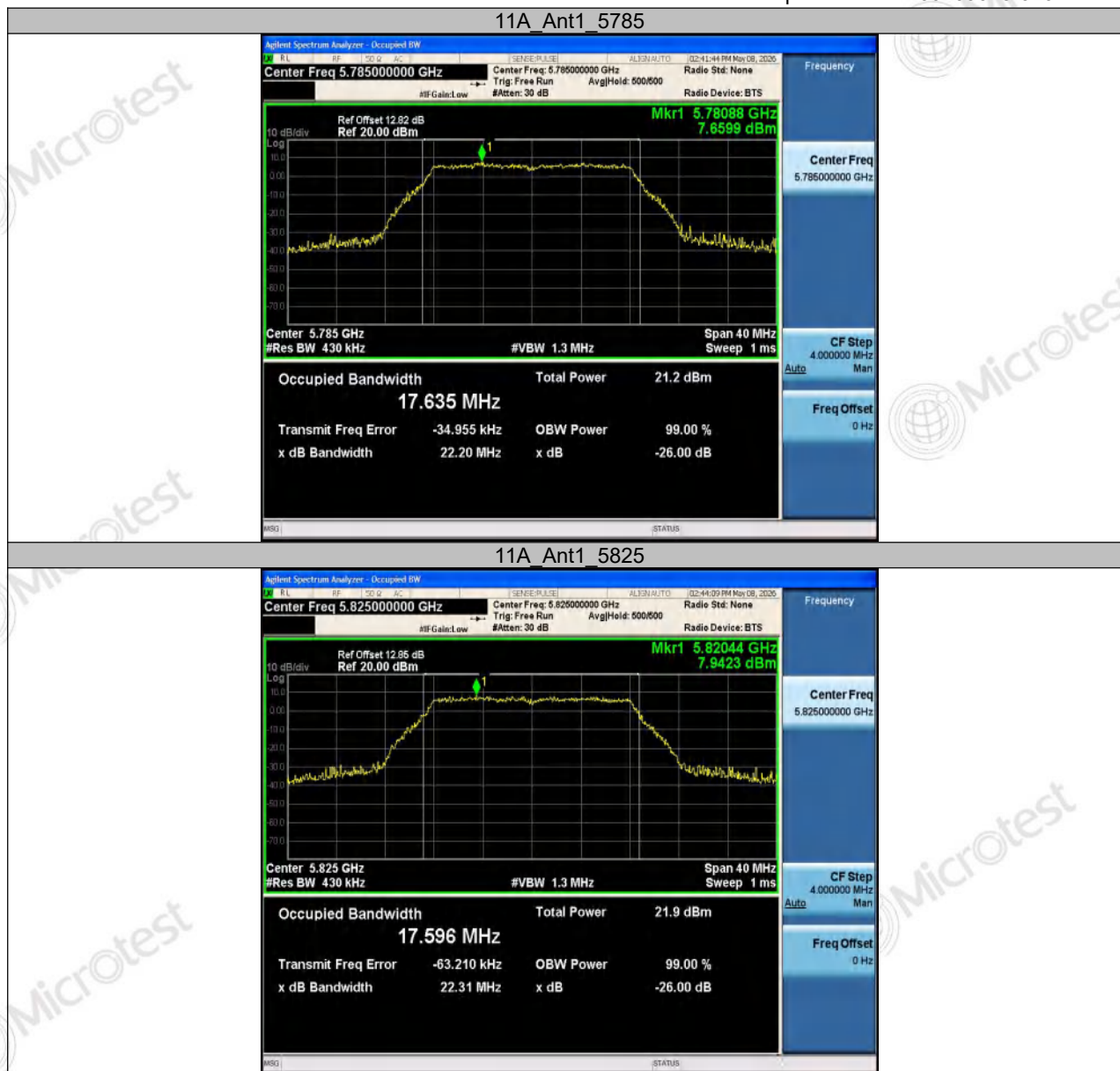
TEST REPORT

Report No.: MTi260409013-0102E4



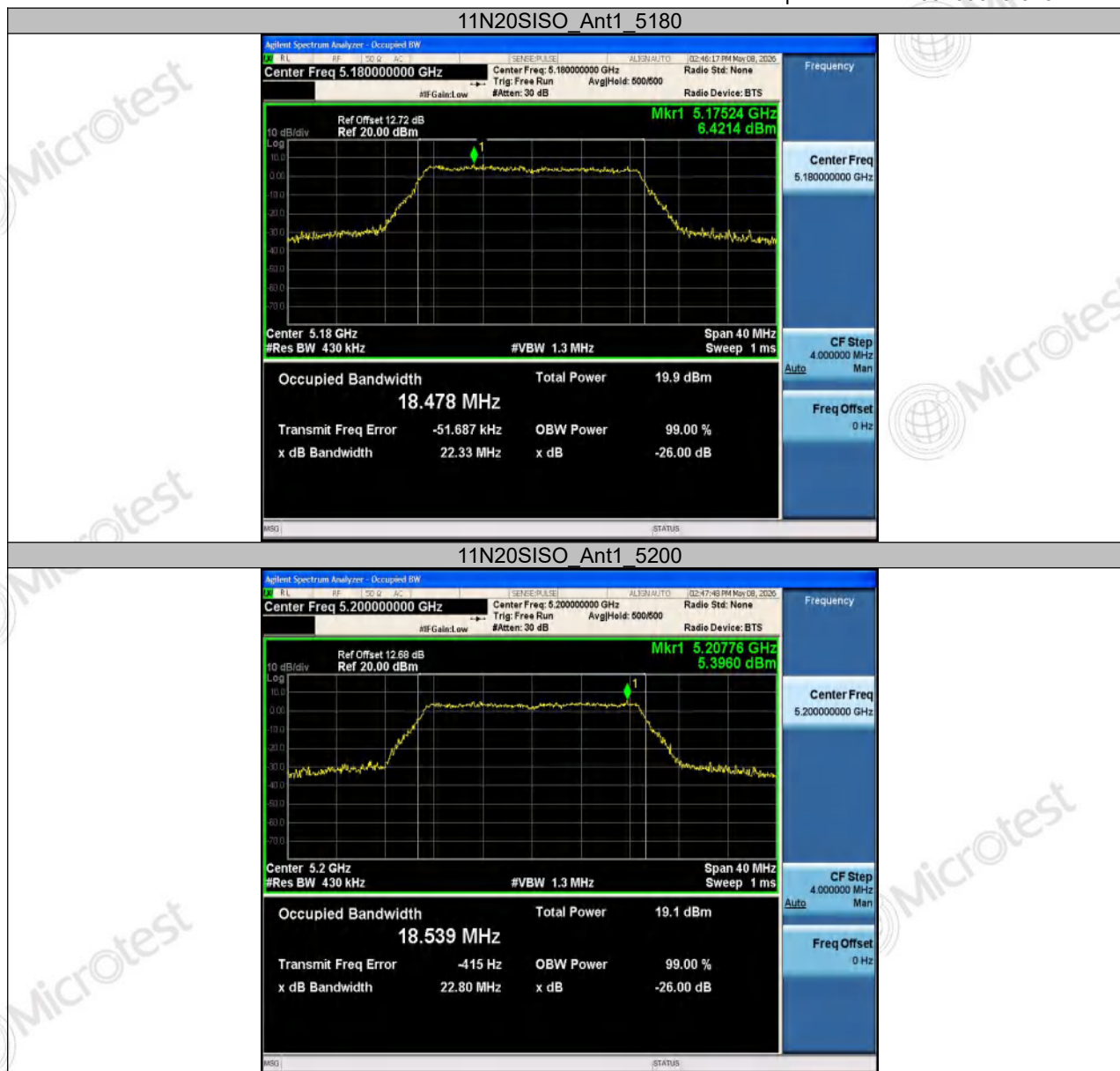
TEST REPORT

Report No.: MTi260409013-0102E4



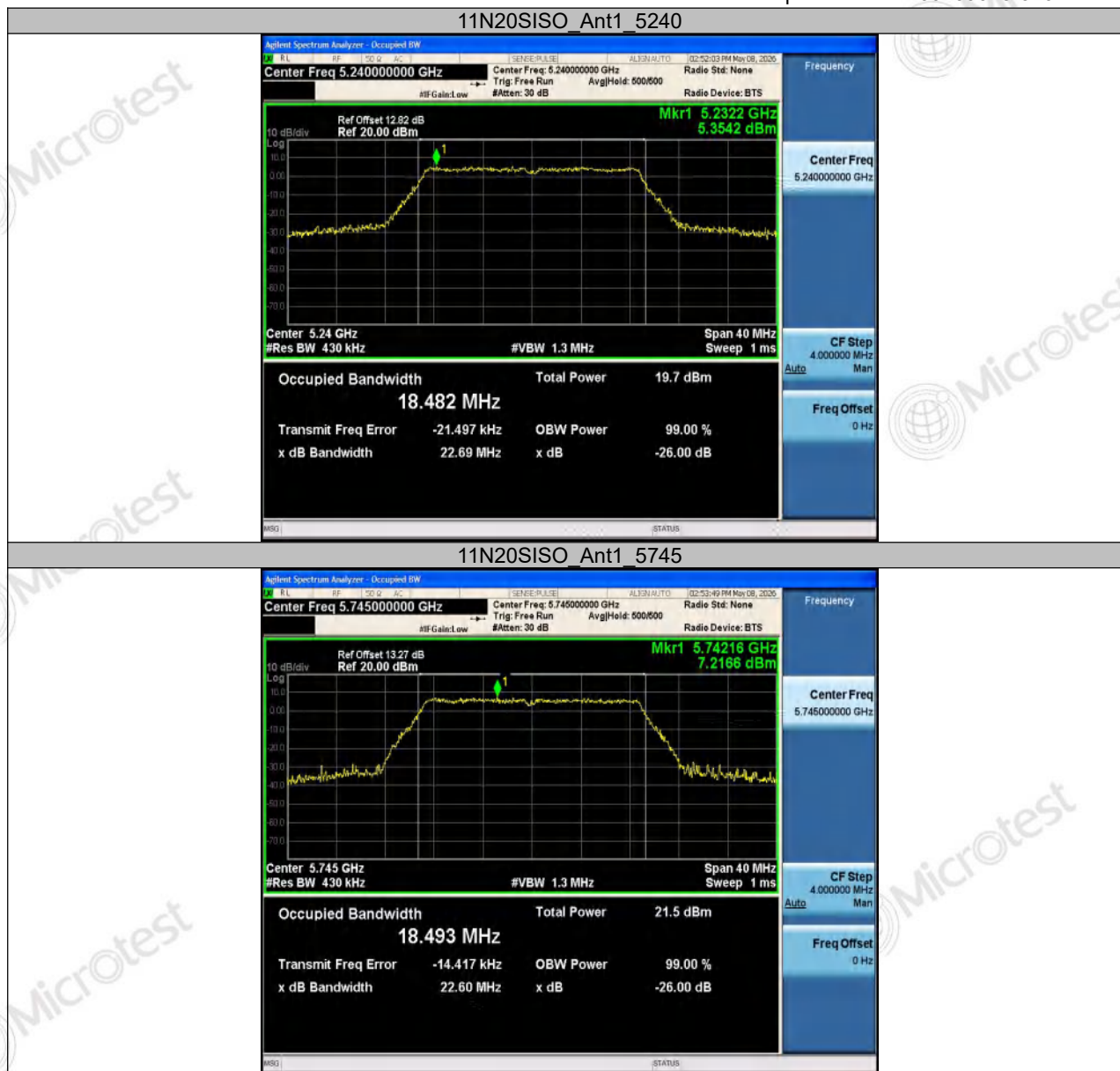
TEST REPORT

Report No.: MTI260409013-0102E4



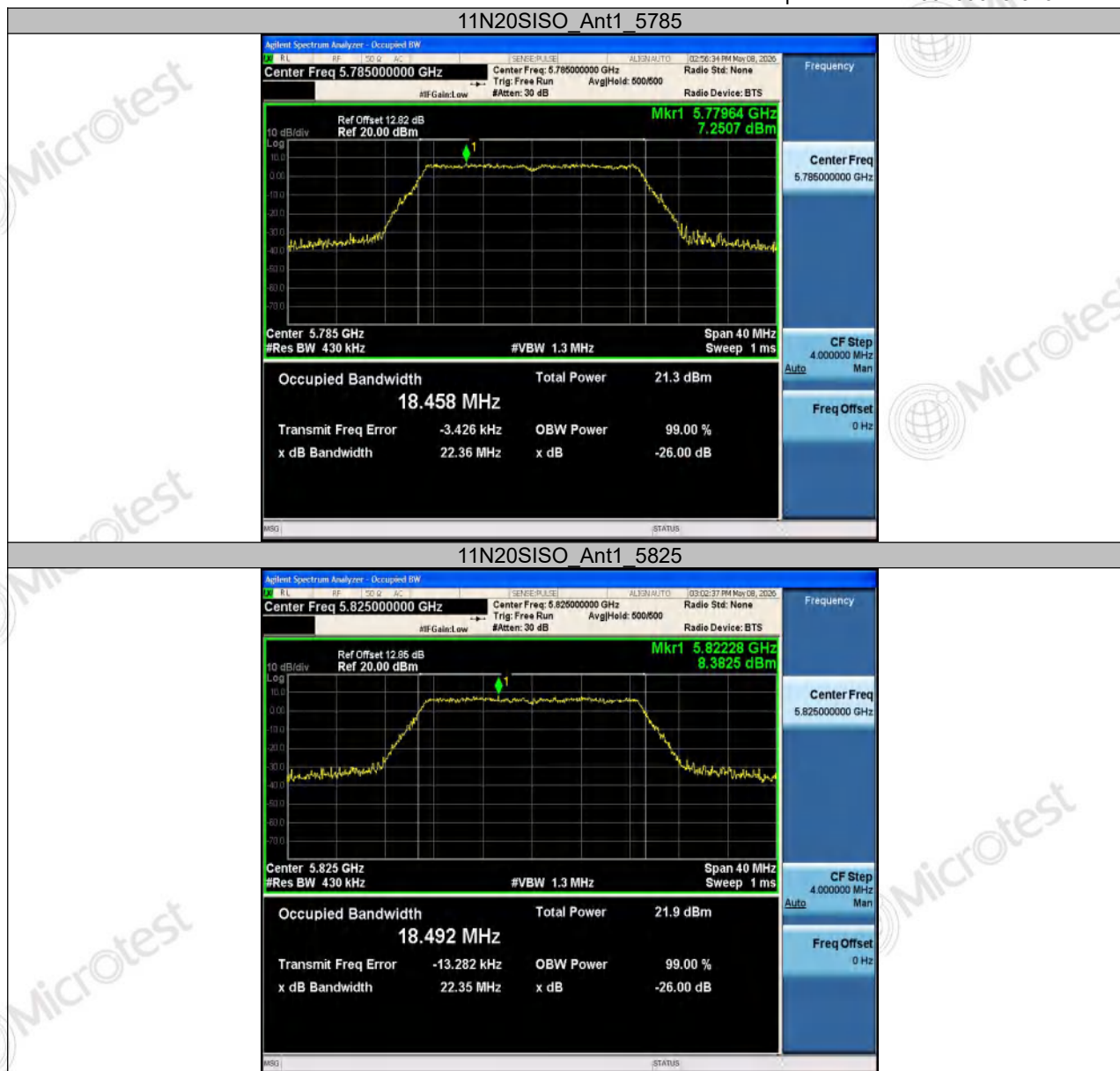
TEST REPORT

Report No.: MTi260409013-0102E4



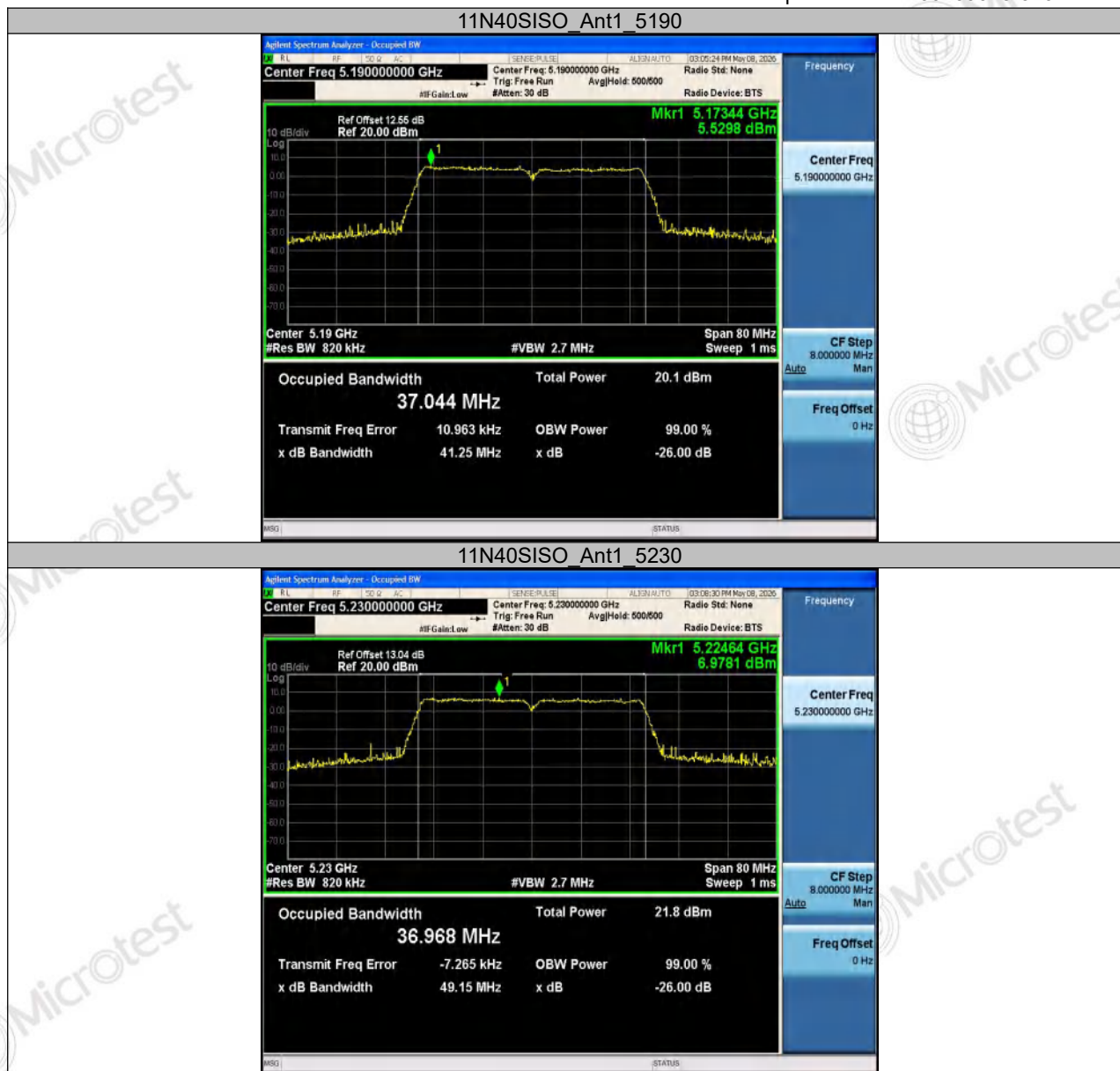
TEST REPORT

Report No.: MTi260409013-0102E4



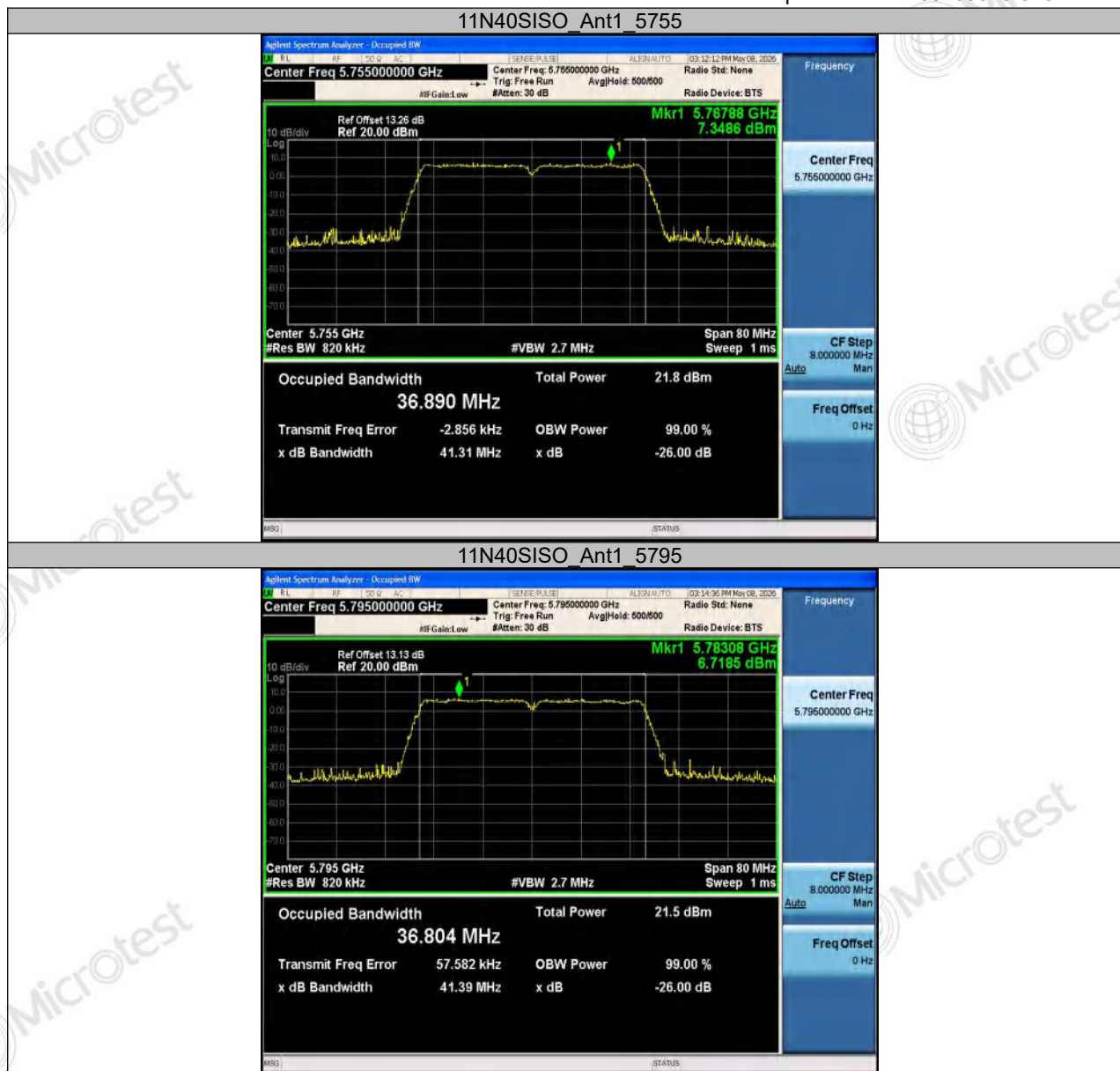
TEST REPORT

Report No.: MTi260409013-0102E4



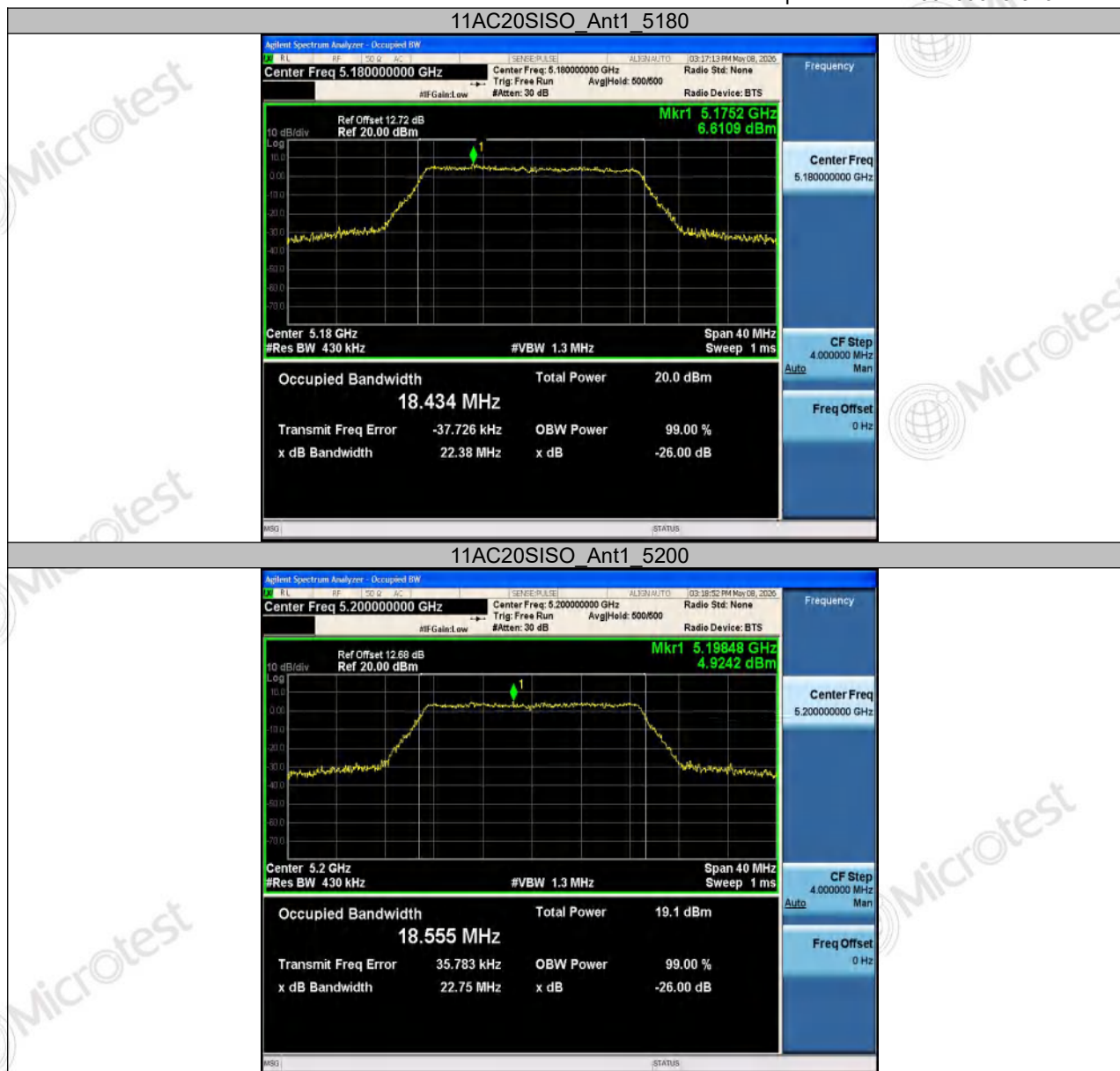
TEST REPORT

Report No.: MTi260409013-0102E4



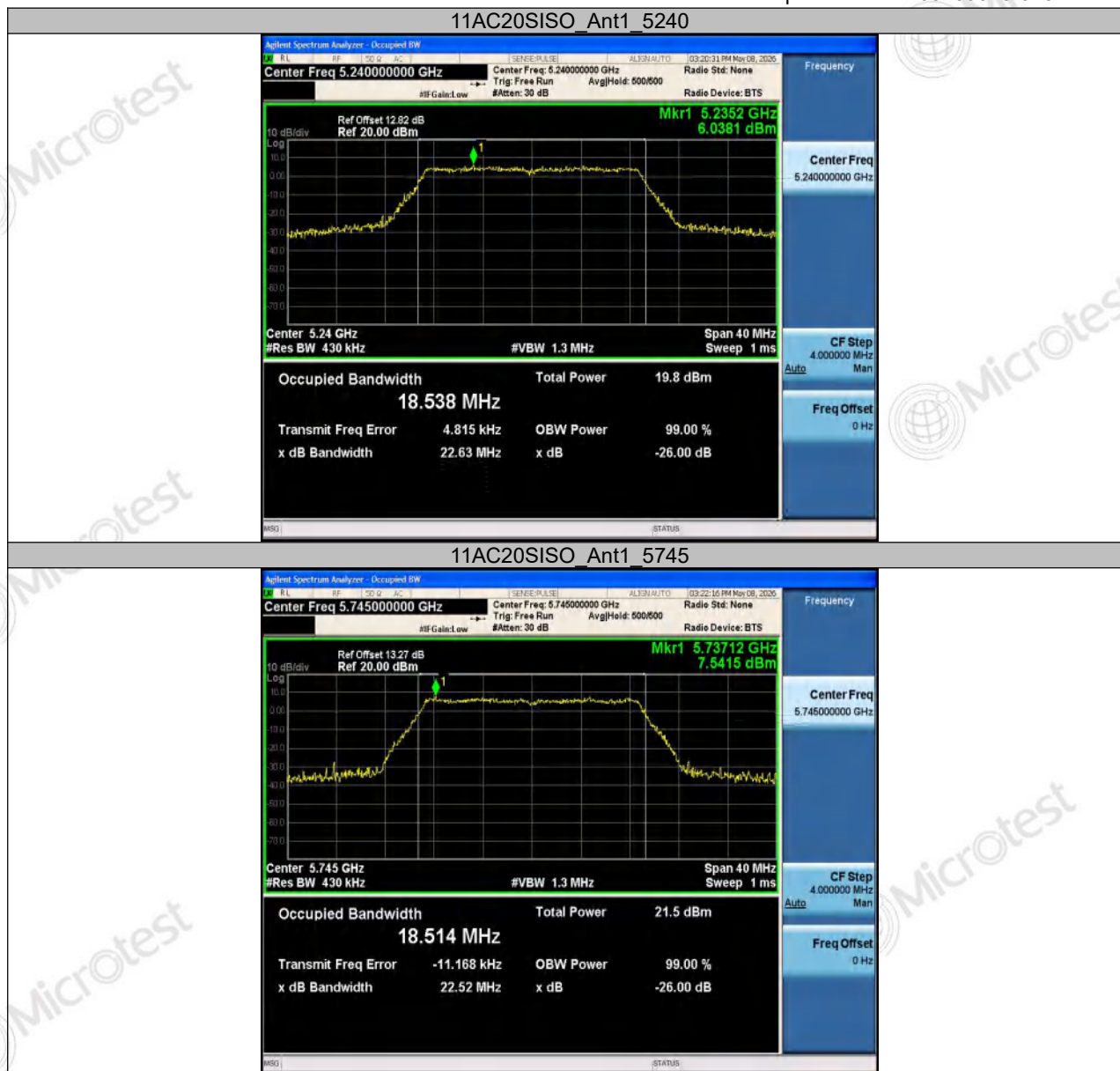
TEST REPORT

Report No.: MTi260409013-0102E4



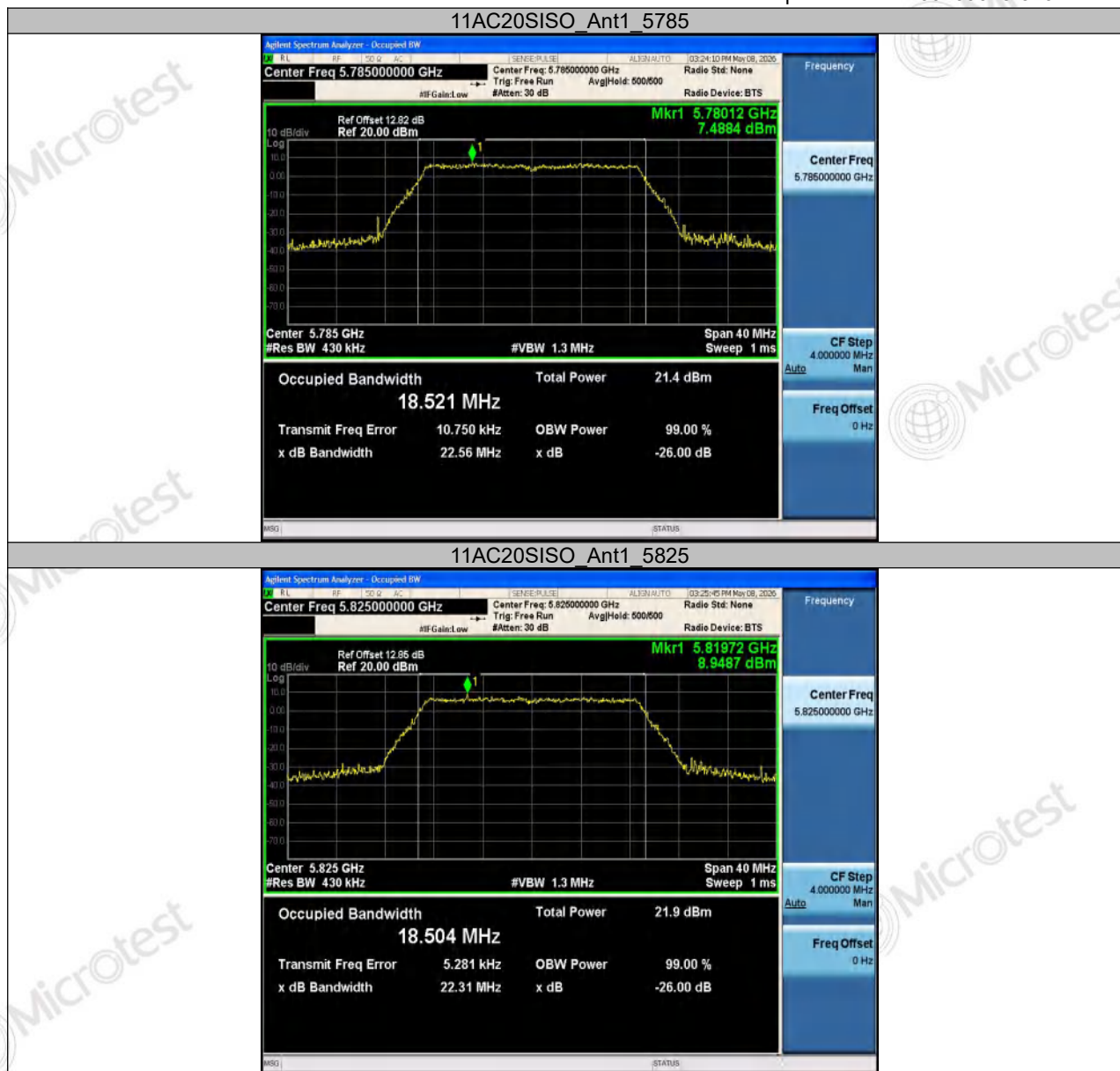
TEST REPORT

Report No.: MTi260409013-0102E4



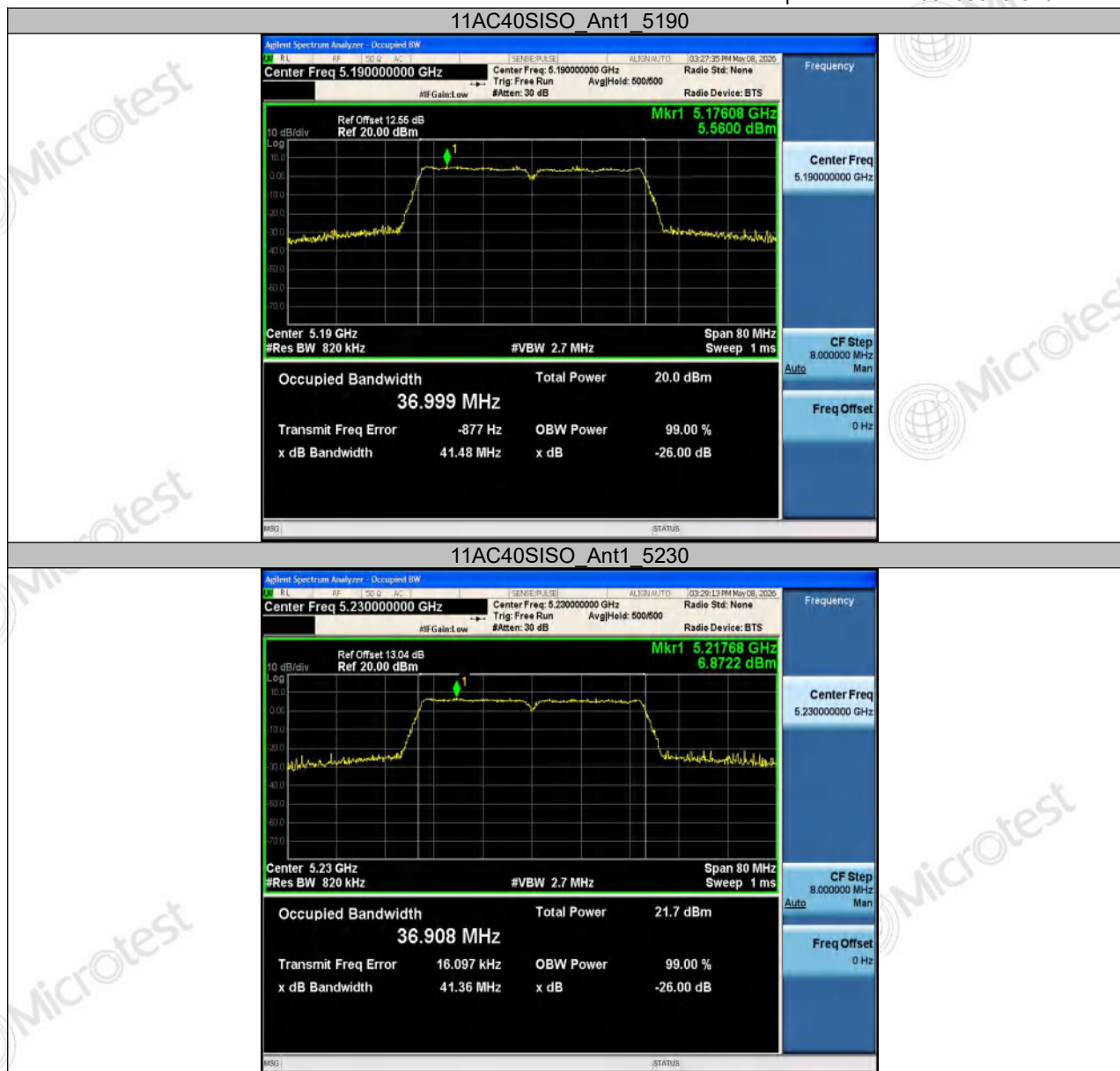
TEST REPORT

Report No.: MTi260409013-0102E4



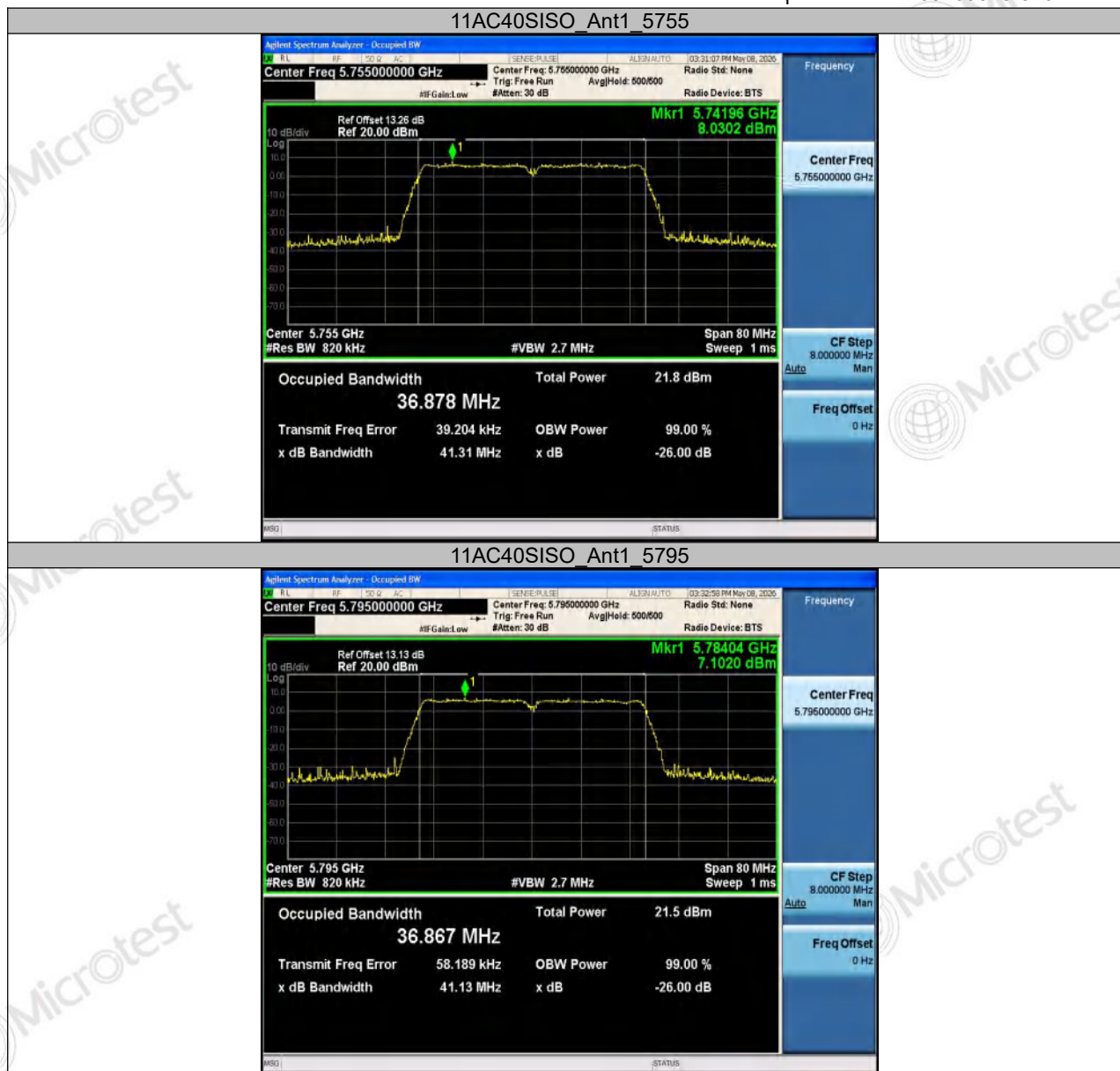
TEST REPORT

Report No.: MTI260409013-0102E4



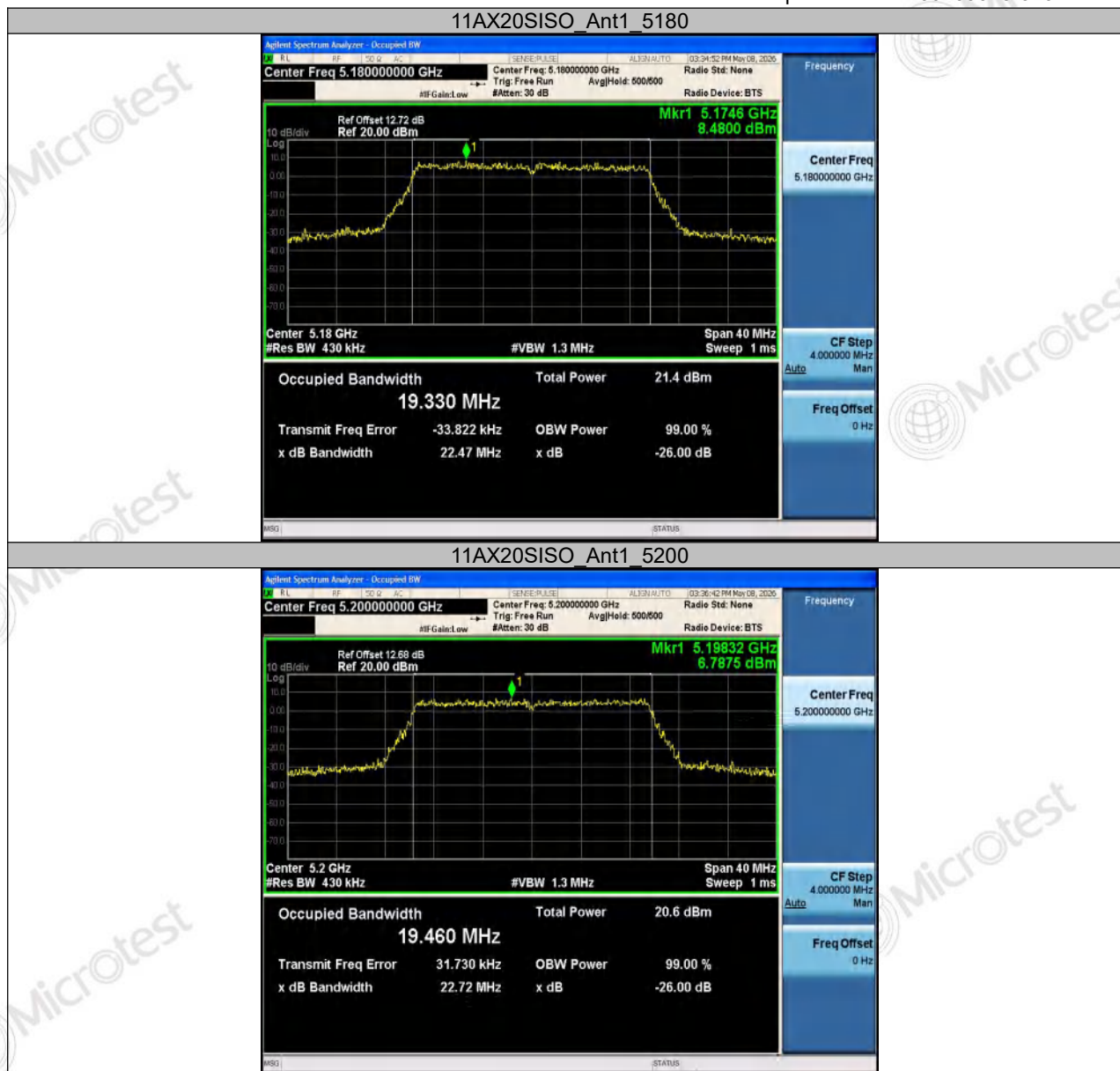
TEST REPORT

Report No.: MTi260409013-0102E4



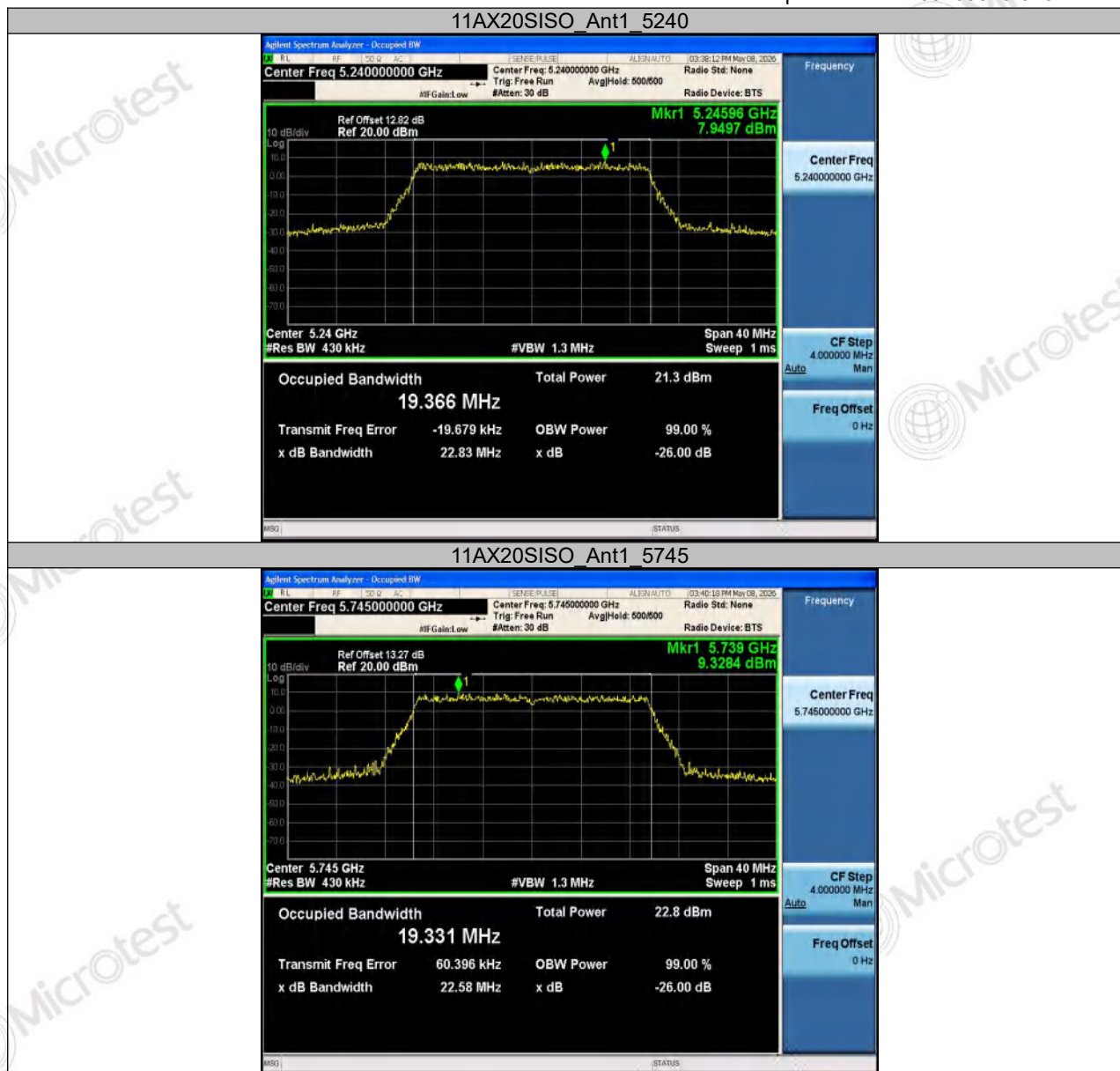
TEST REPORT

Report No.: MTi260409013-0102E4



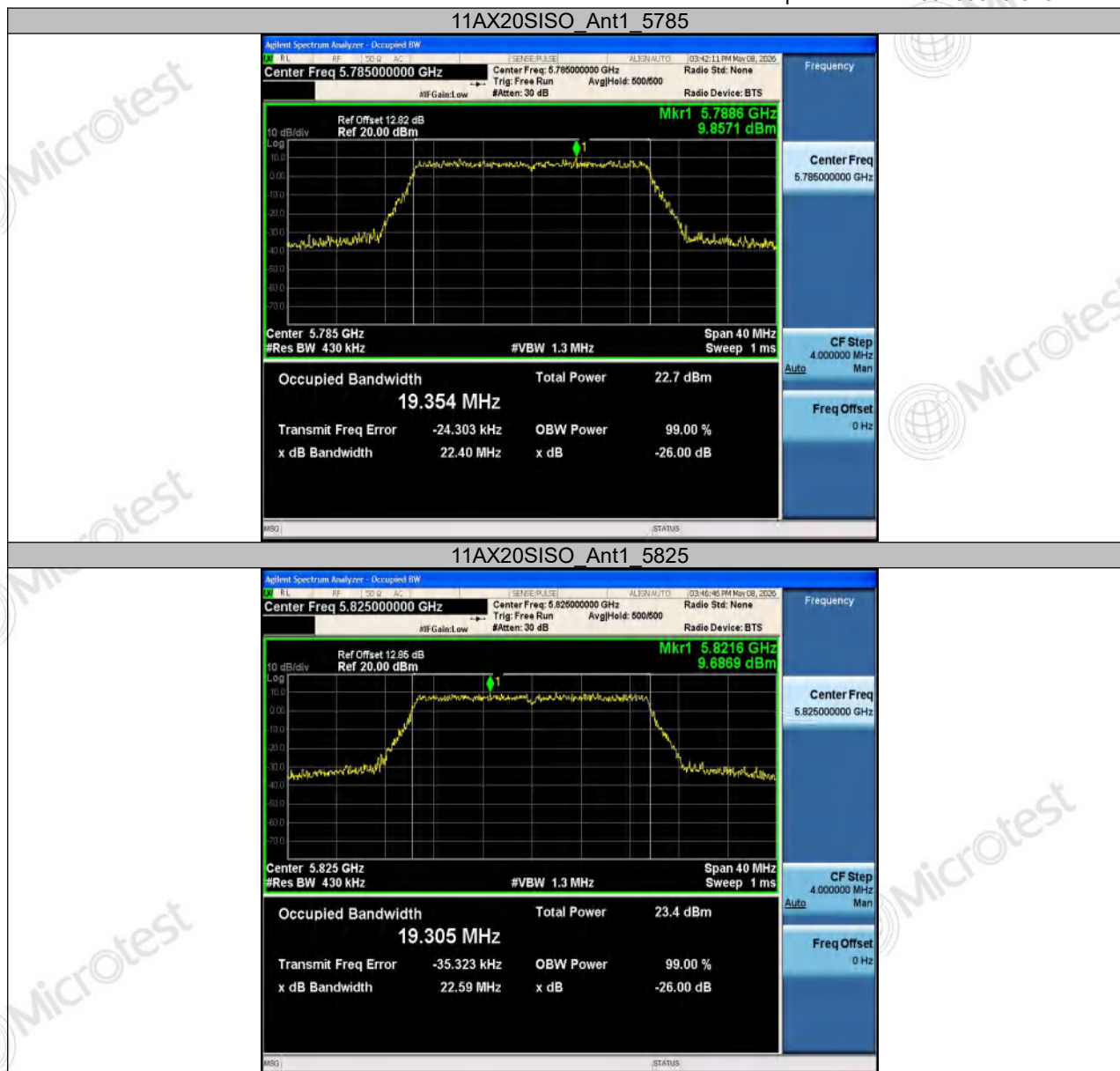
TEST REPORT

Report No.: MTi260409013-0102E4



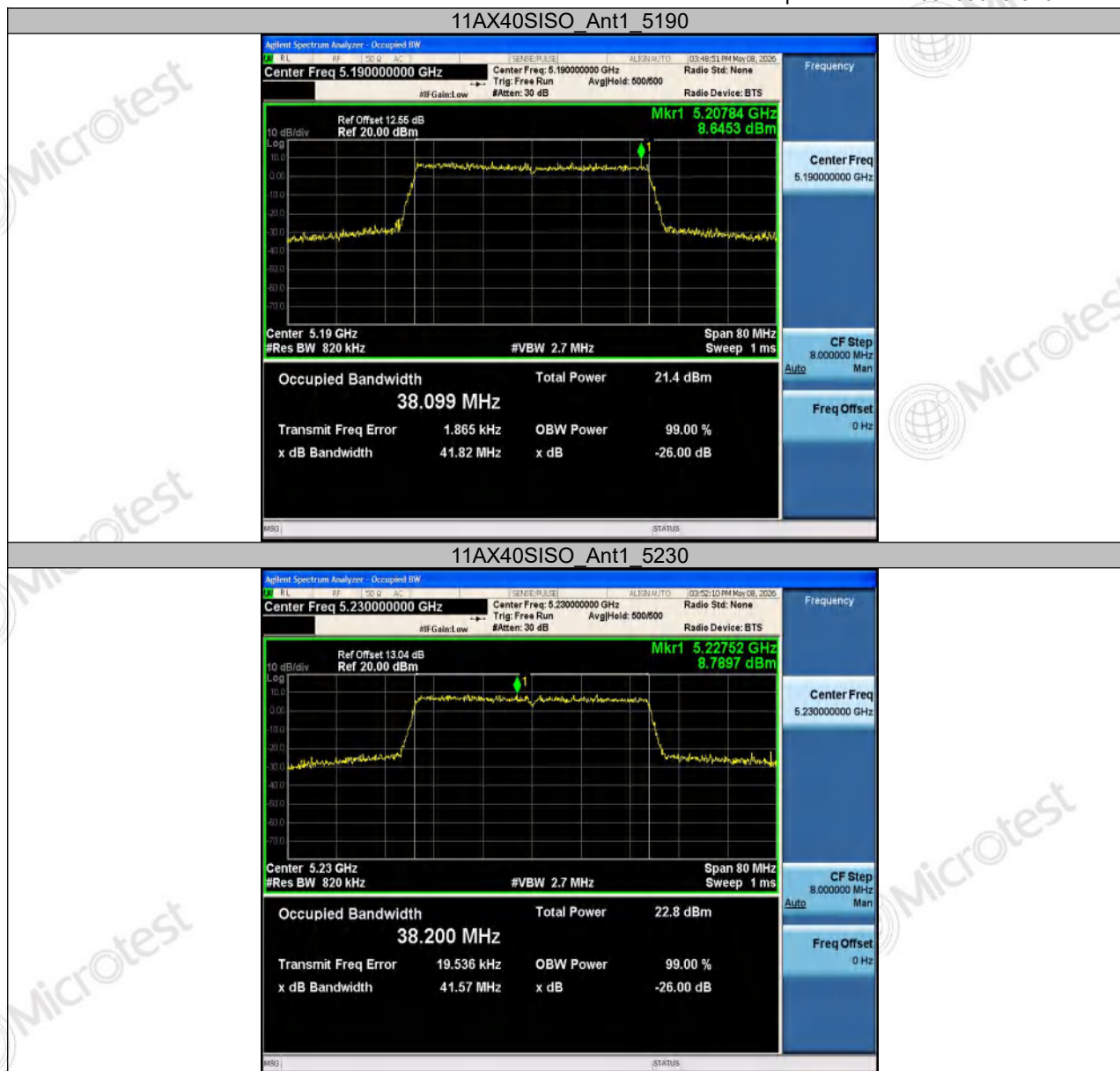
TEST REPORT

Report No.: MTI260409013-0102E4



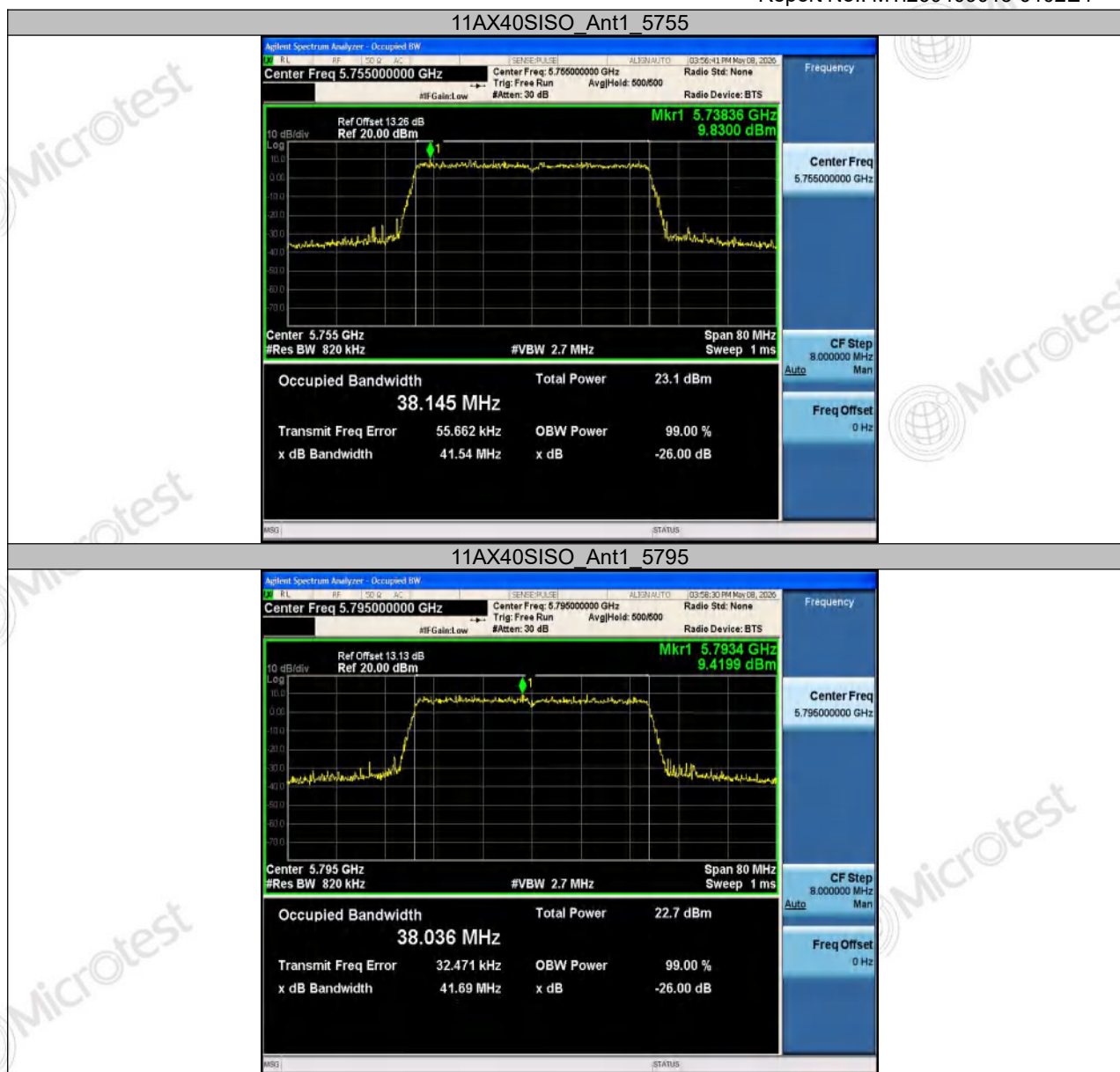
TEST REPORT

Report No.: MTi260409013-0102E4



TEST REPORT

Report No.: MTi260409013-0102E4



TEST REPORT

Report No.: MTi260409013-0102E4

6.11 Appendix A3: Min emission bandwidth

6.11.1 Test Result B4

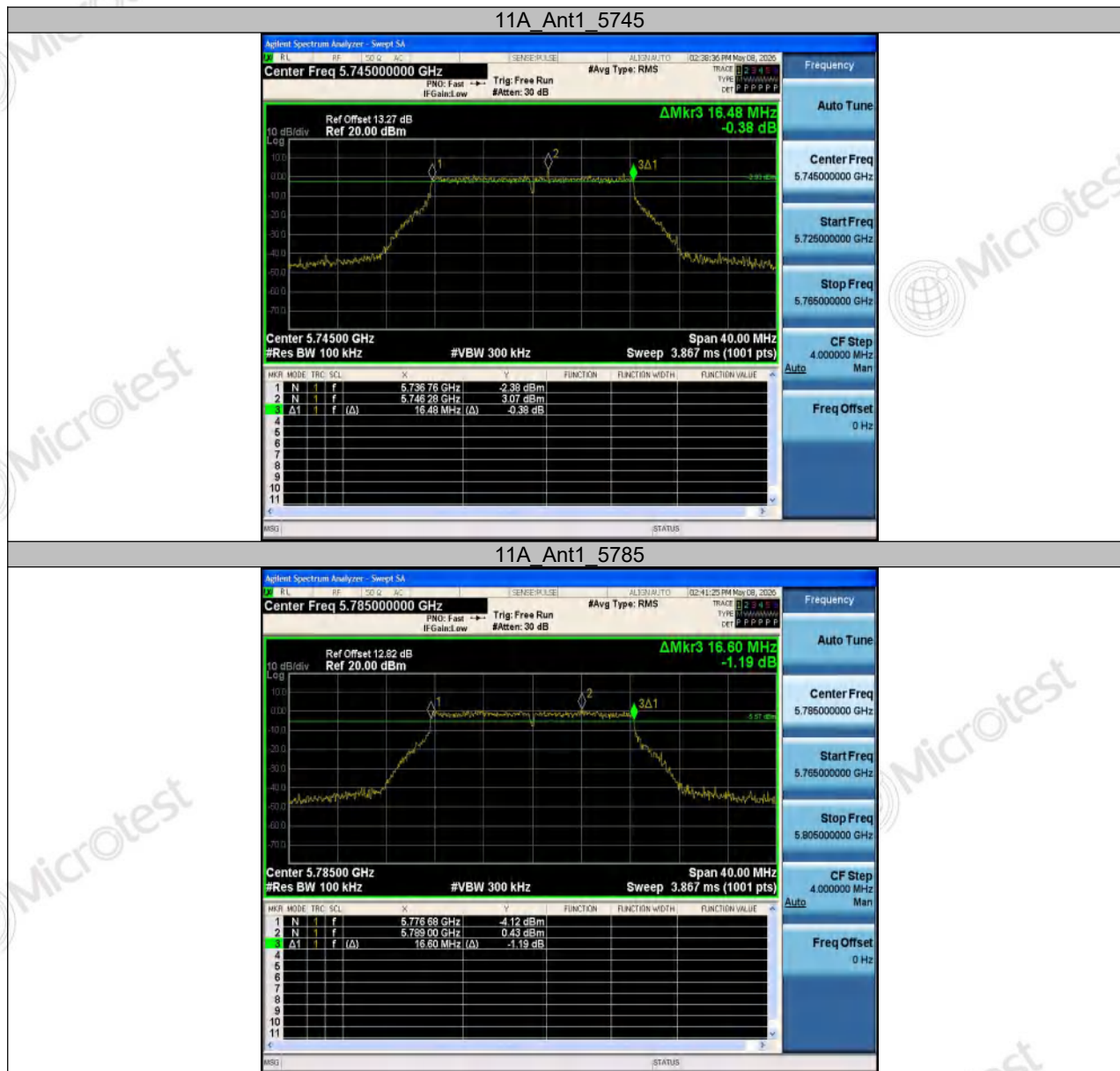
TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.480	5736.760	5753.240	0.5	PASS
		5785	16.600	5776.680	5793.280	0.5	PASS
		5825	16.400	5816.760	5833.160	0.5	PASS
11N20SISO	Ant1	5745	17.600	5736.160	5753.760	0.5	PASS
		5785	17.600	5776.200	5793.800	0.5	PASS
		5825	17.640	5816.160	5833.800	0.5	PASS
11N40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.400	5776.760	5813.160	0.5	PASS
11AC20SISO	Ant1	5745	17.640	5736.160	5753.800	0.5	PASS
		5785	17.600	5776.160	5793.760	0.5	PASS
		5825	17.600	5816.160	5833.760	0.5	PASS
11AC40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.480	5776.680	5813.160	0.5	PASS
11AX20SISO	Ant1	5745	18.960	5735.520	5754.480	0.5	PASS
		5785	18.880	5775.520	5794.400	0.5	PASS
		5825	19.000	5815.480	5834.480	0.5	PASS
11AX40SISO	Ant1	5755	38.080	5735.960	5774.040	0.5	PASS
		5795	37.920	5775.960	5813.880	0.5	PASS

TEST REPORT

Report No.: MTi260409013-0102E4

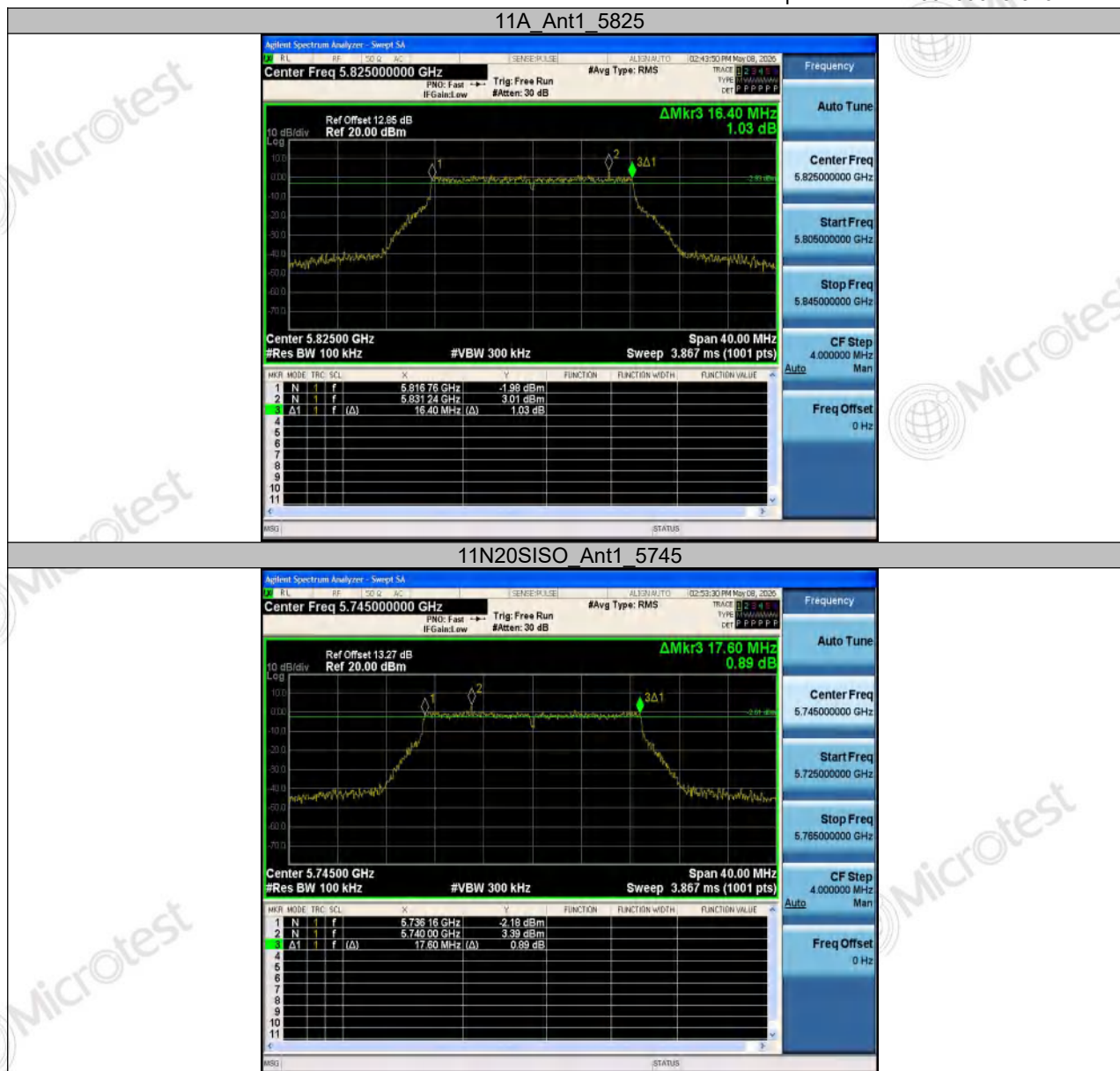
6.11.2 Test Graphs B4

Test Graphs



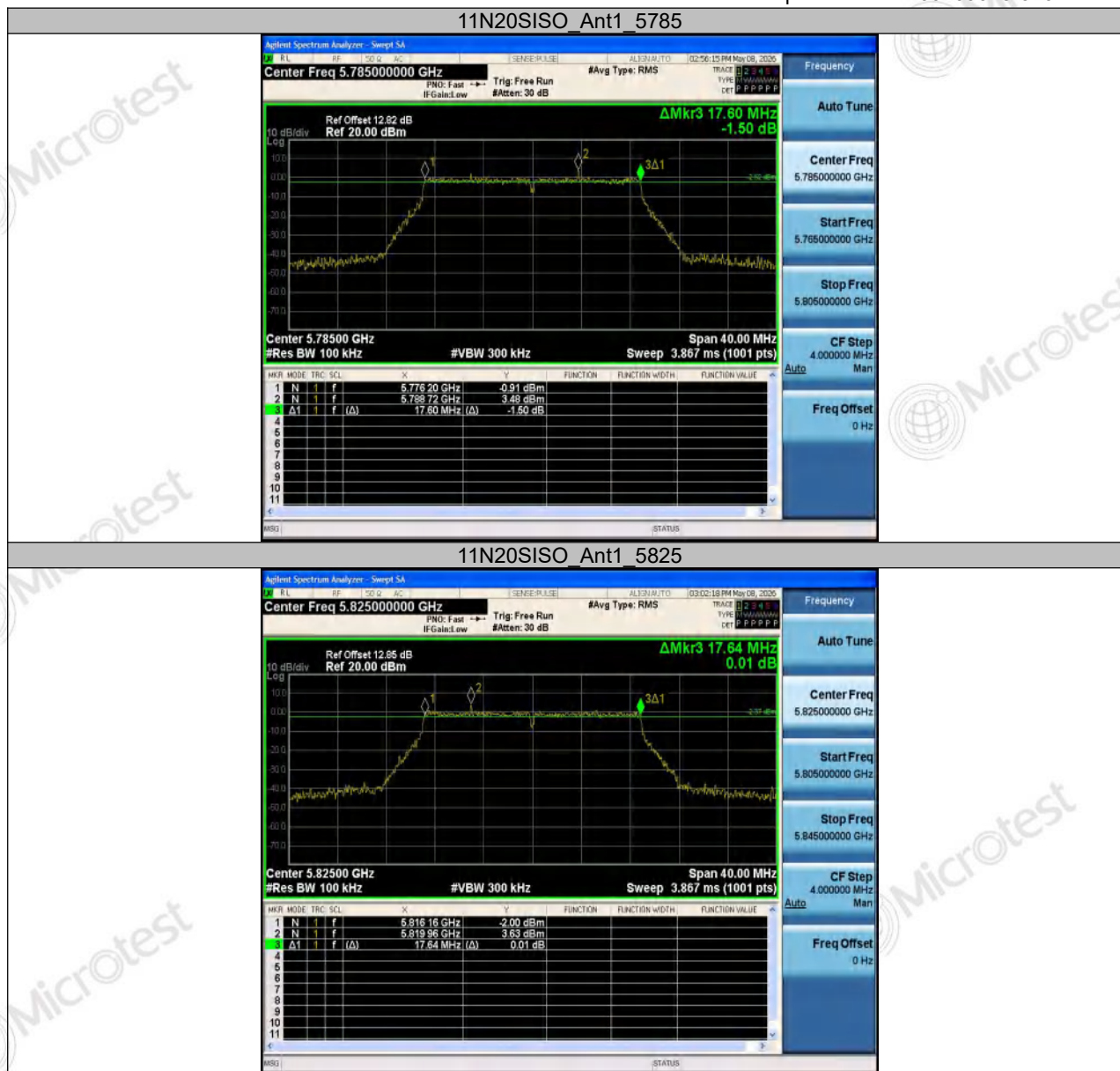
TEST REPORT

Report No.: MTI260409013-0102E4



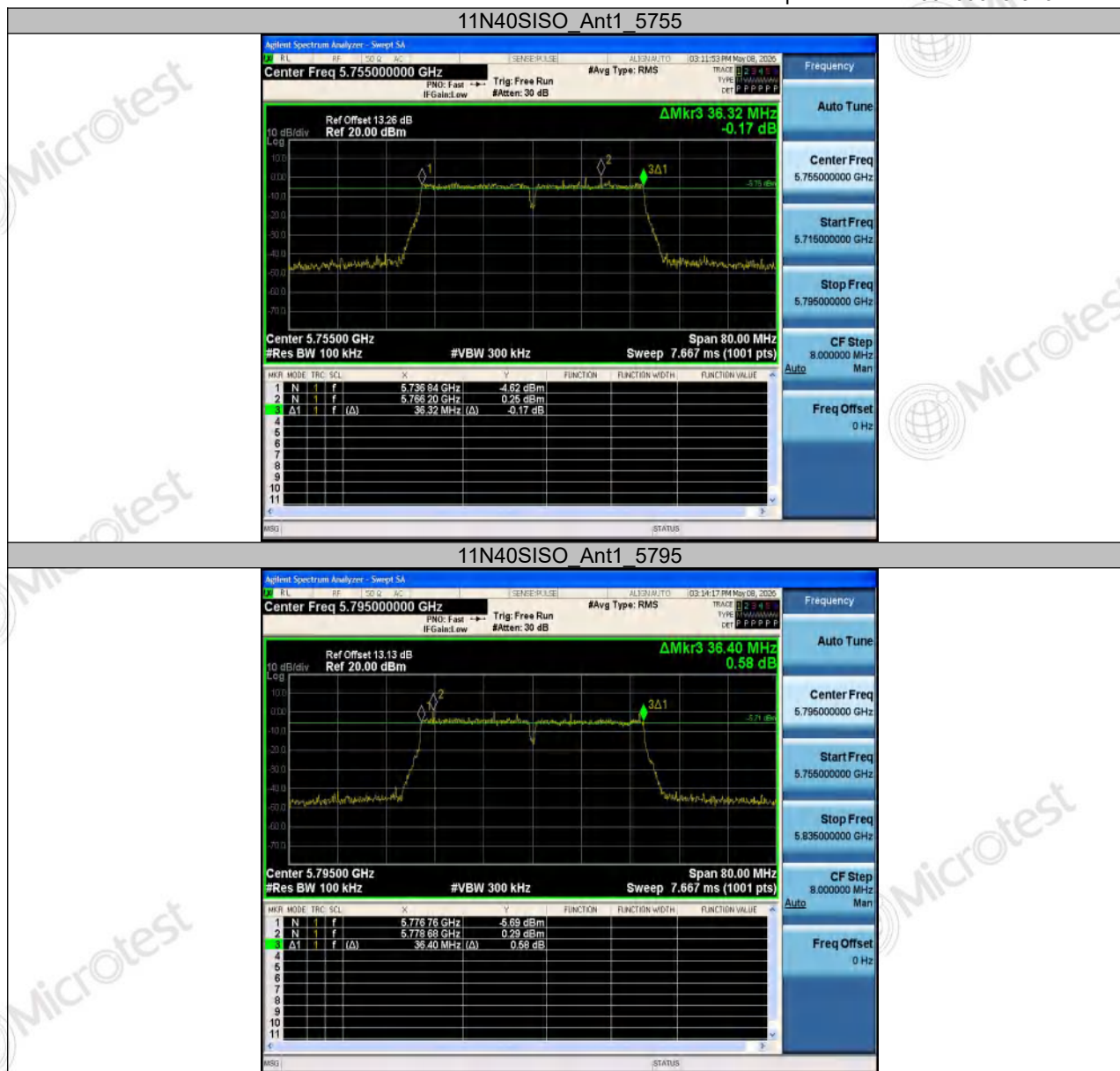
TEST REPORT

Report No.: MTI260409013-0102E4



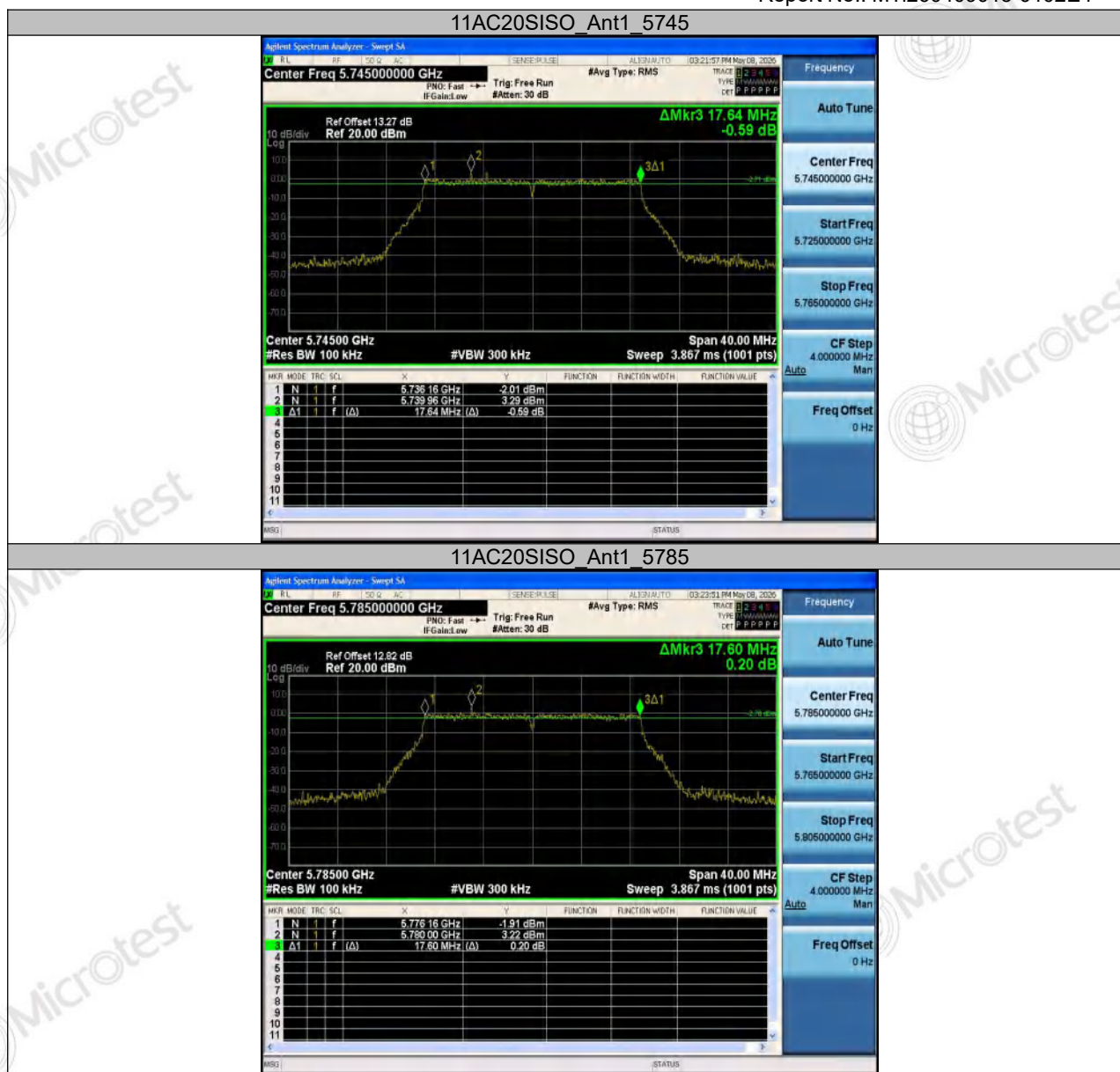
TEST REPORT

Report No.: MTI260409013-0102E4



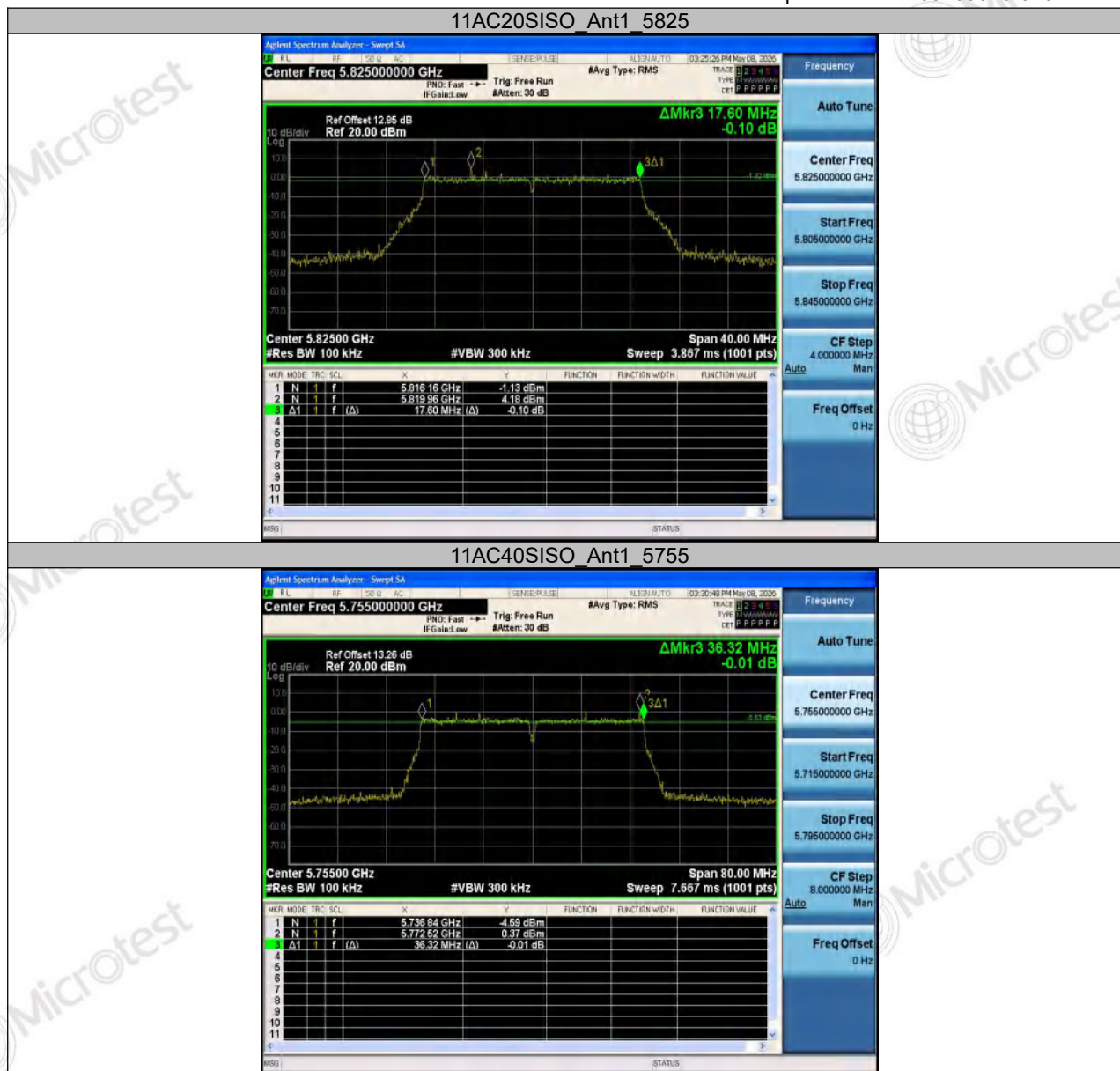
TEST REPORT

Report No.: MTI260409013-0102E4



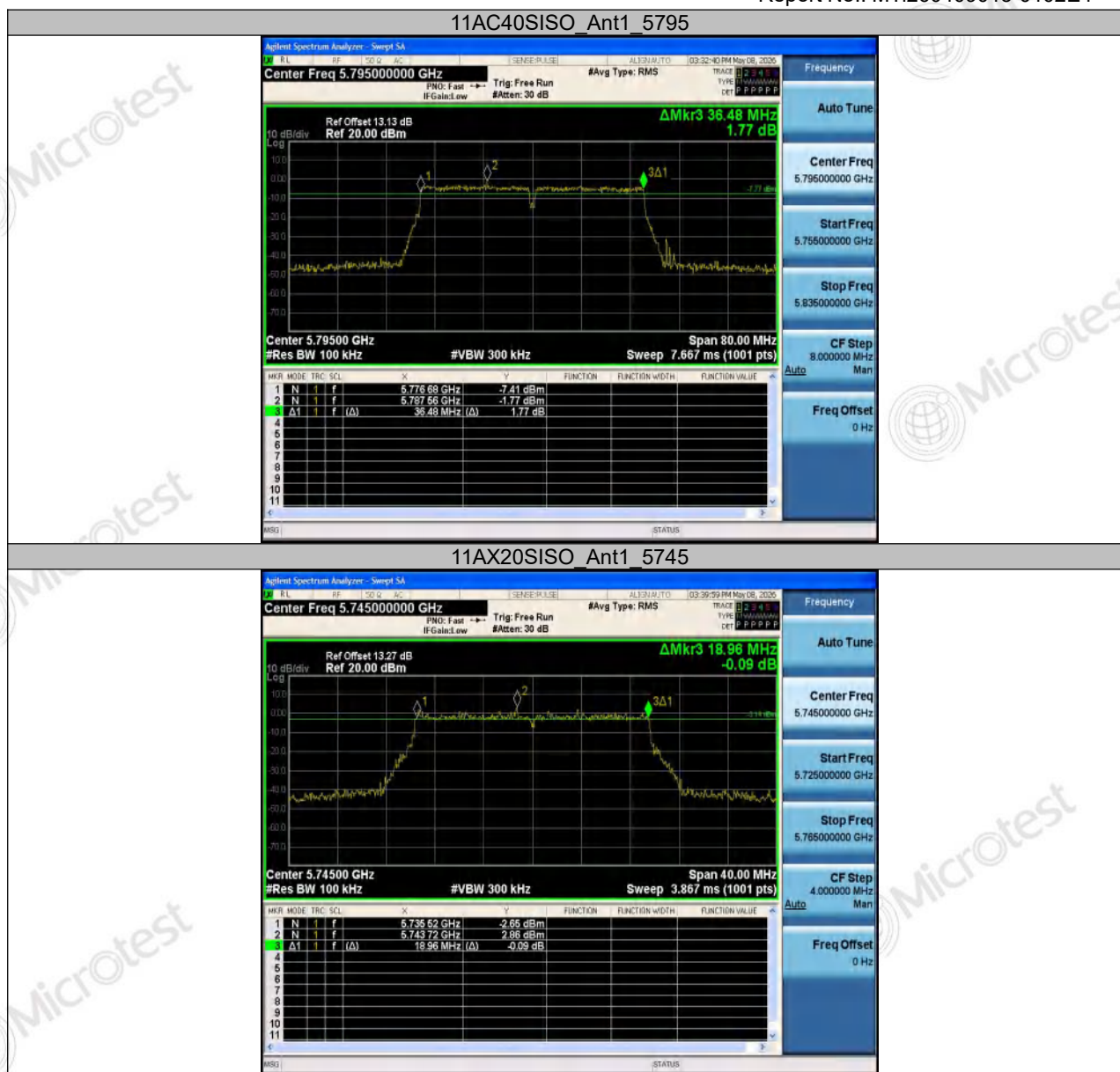
TEST REPORT

Report No.: MTI260409013-0102E4



TEST REPORT

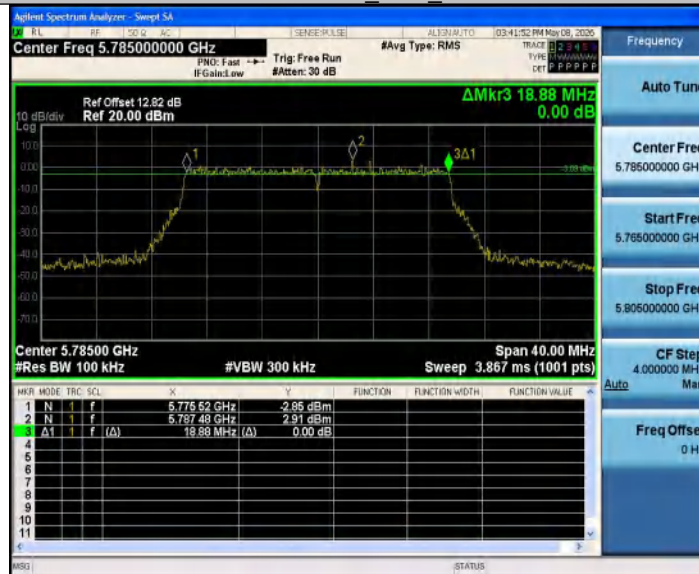
Report No.: MTI260409013-0102E4



TEST REPORT

Report No.: MTI260409013-0102E4

11AX20SISO_Ant1_5785

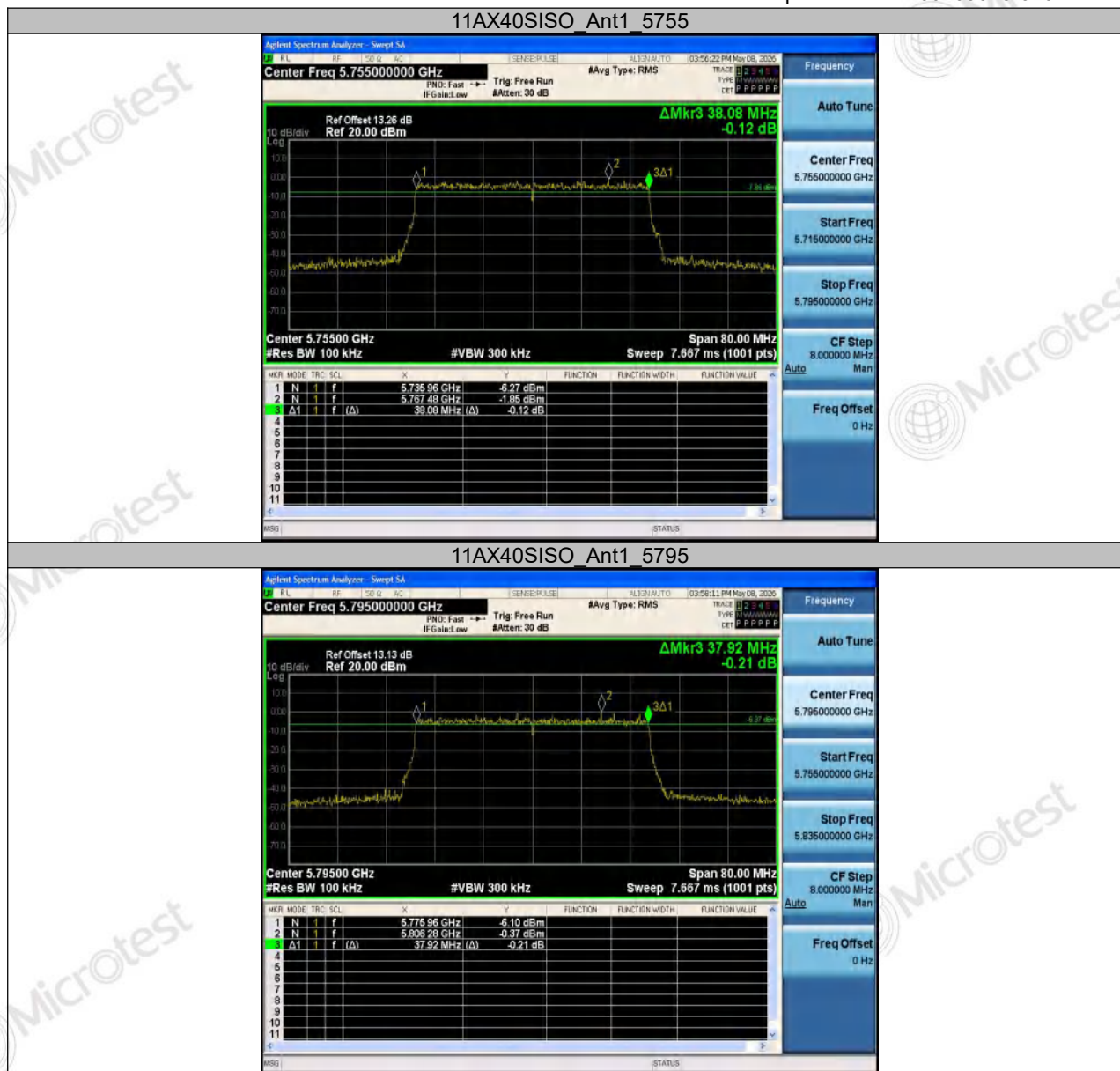


11AX20SISO_Ant1_5825



TEST REPORT

Report No.: MTI260409013-0102E4



TEST REPORT

Report No.: MTi260409013-0102E4

Appendix B: Duty Cycle

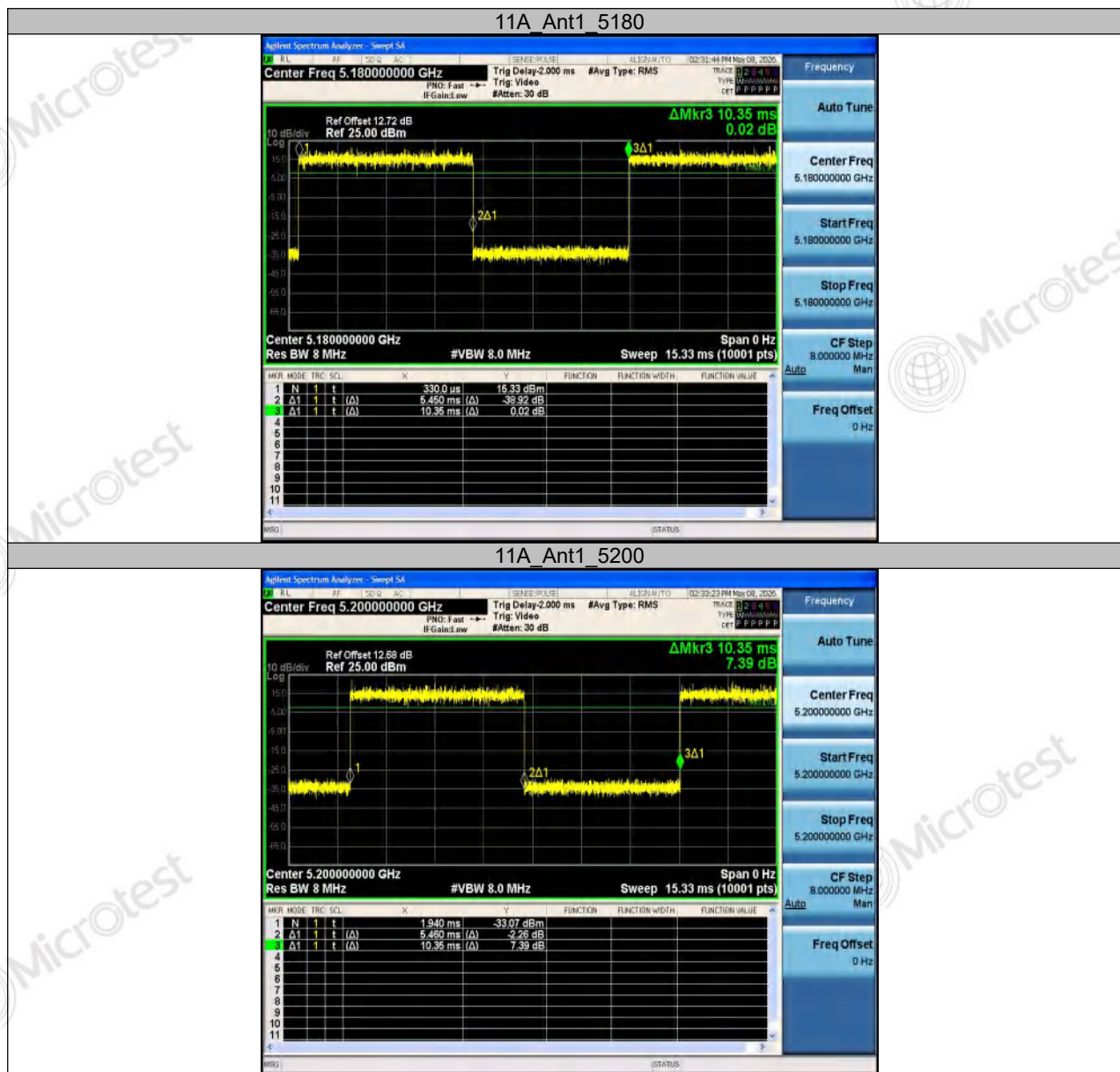
Test Result

Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	5.45	10.35	52.66
		5200	5.46	10.35	52.75
		5240	5.45	9.34	58.35
		5745	5.45	10.34	52.71
		5785	5.45	10.35	52.66
		5825	5.46	10.35	52.75
11N20SISO	Ant1	5180	5.34	10.34	51.64
		5200	5.34	10.35	51.59
		5240	5.34	10.34	51.64
		5745	5.34	10.34	51.64
		5785	5.34	10.34	51.64
		5825	5.34	10.35	51.59
11N40SISO	Ant1	5190	5.14	10.35	49.66
		5230	5.14	10.34	49.71
		5755	5.14	10.34	49.71
		5795	5.14	10.35	49.66
11AC20SISO	Ant1	5180	5.35	10.35	51.69
		5200	5.35	10.34	51.74
		5240	5.35	10.35	51.69
		5745	5.35	10.35	51.69
		5785	5.35	10.35	51.69
		5825	5.35	10.34	51.74
11AC40SISO	Ant1	5190	5.15	10.34	49.81
		5230	5.14	10.34	49.71
		5755	5.15	10.35	49.76
		5795	5.14	10.35	49.66
11AX20SISO	Ant1	5180	4.63	10.35	44.73
		5200	4.64	10.35	44.83
		5240	4.64	10.34	44.87
		5745	4.64	10.34	44.87
		5785	4.64	10.35	44.83
		5825	4.63	10.35	44.73
11AX40SISO	Ant1	5190	4.63	10.35	44.73
		5230	4.63	9.34	49.57
		5755	4.63	10.34	44.78
		5795	4.63	10.35	44.73

TEST REPORT

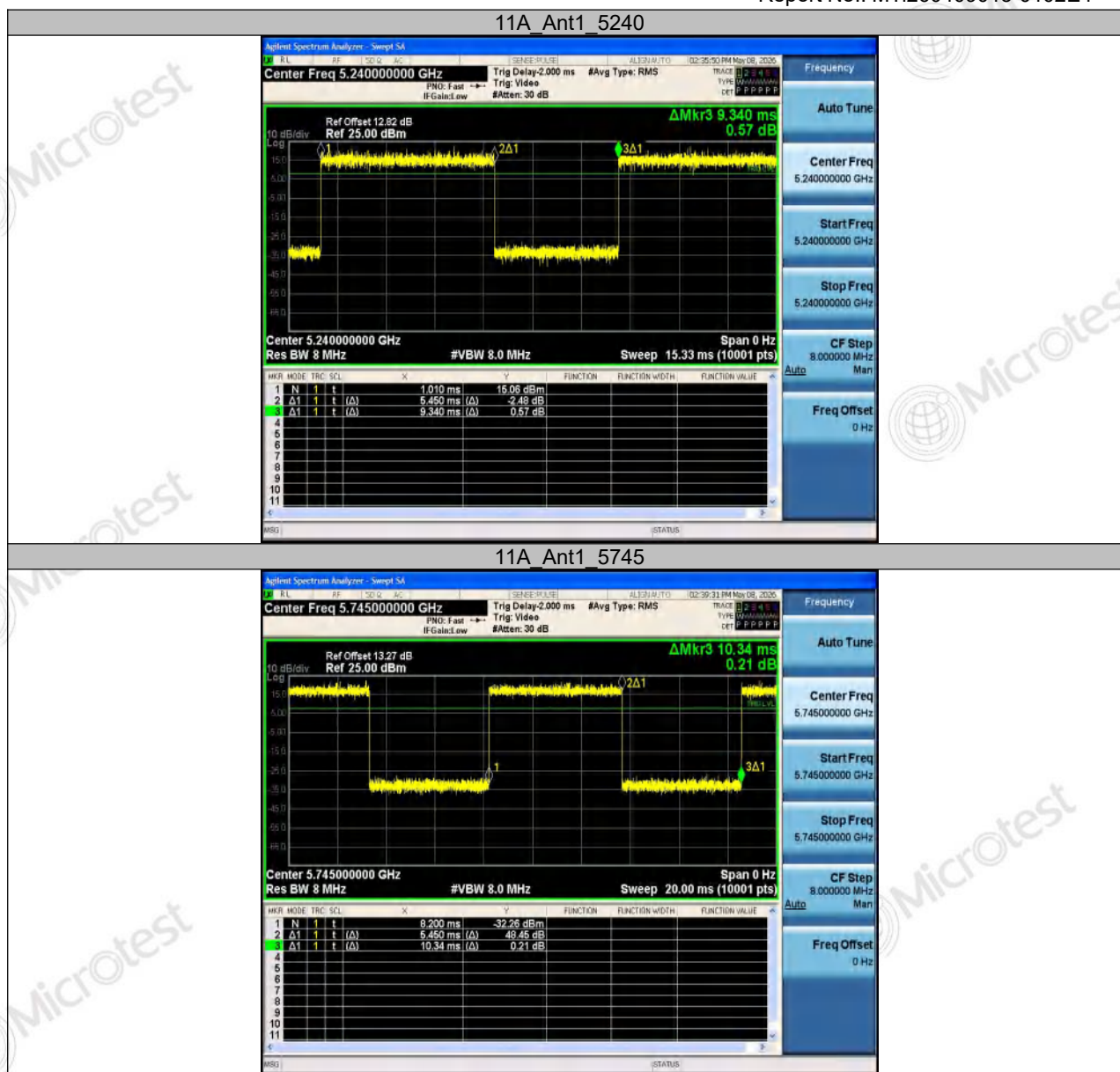
Report No.: MTi260409013-0102E4

Test Graphs



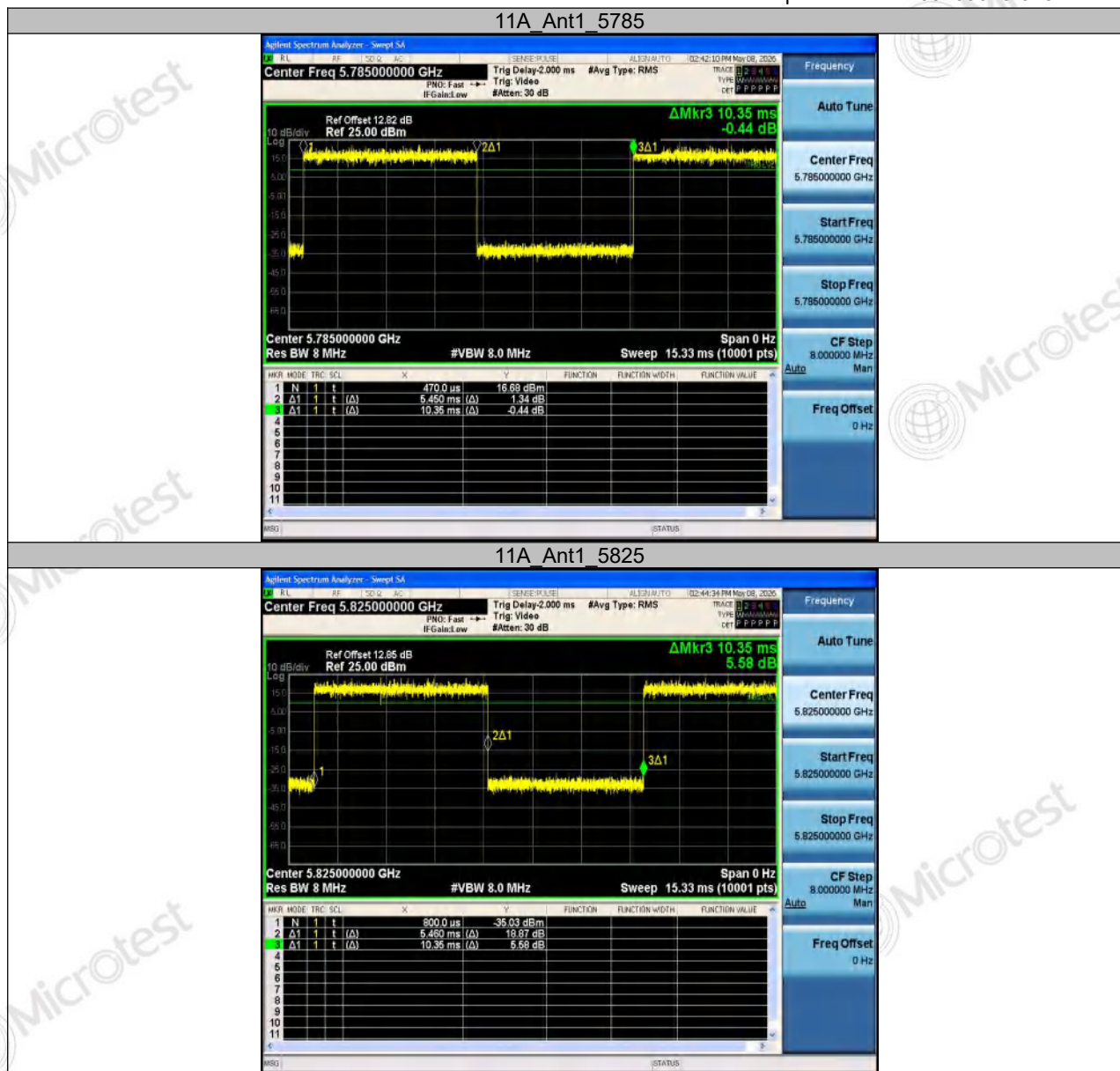
TEST REPORT

Report No.: MTI260409013-0102E4



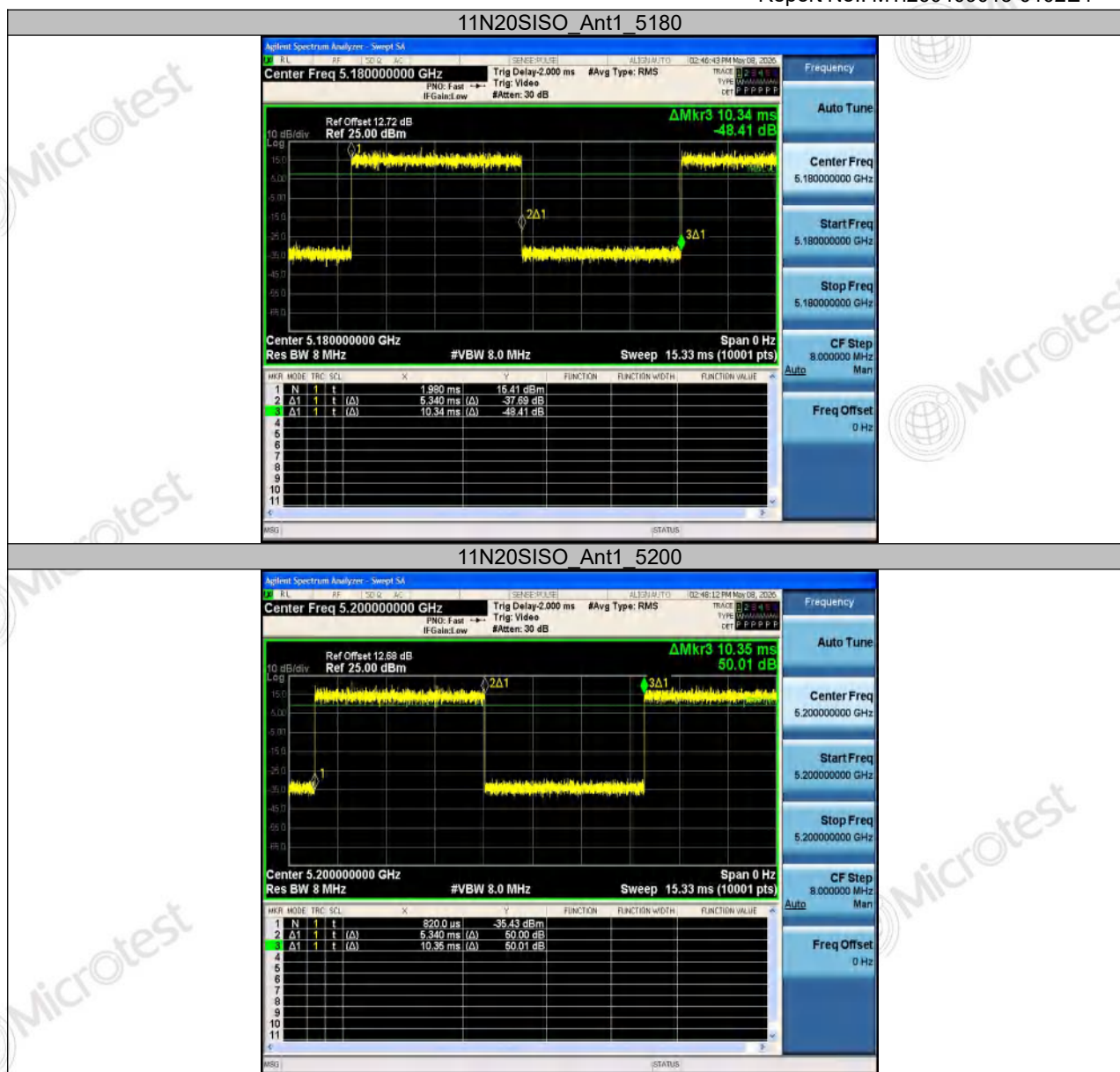
TEST REPORT

Report No.: MTI260409013-0102E4



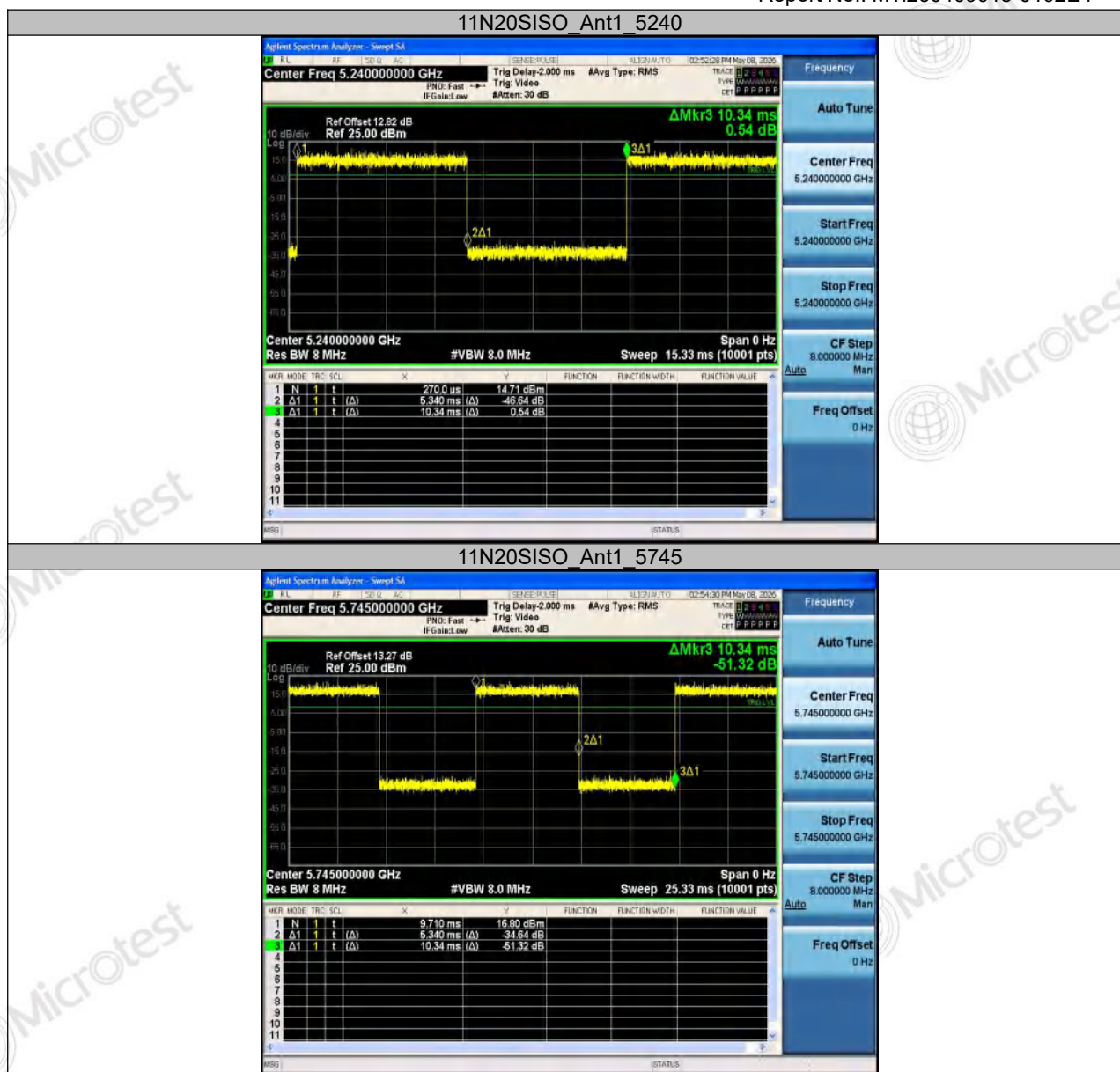
TEST REPORT

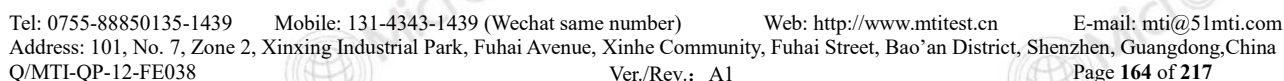
Report No.: MTI260409013-0102E4



TEST REPORT

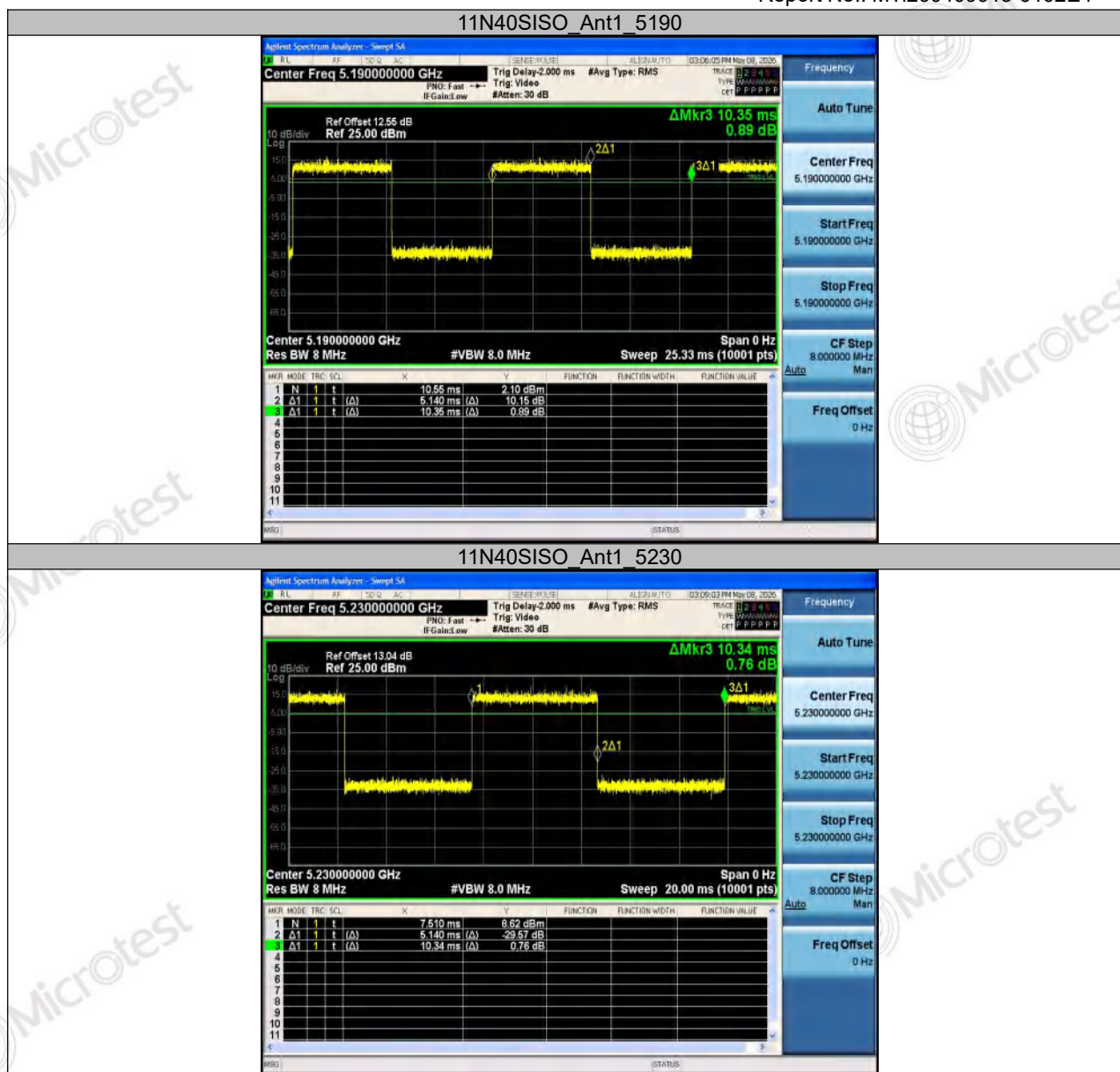
Report No.: MTI260409013-0102E4





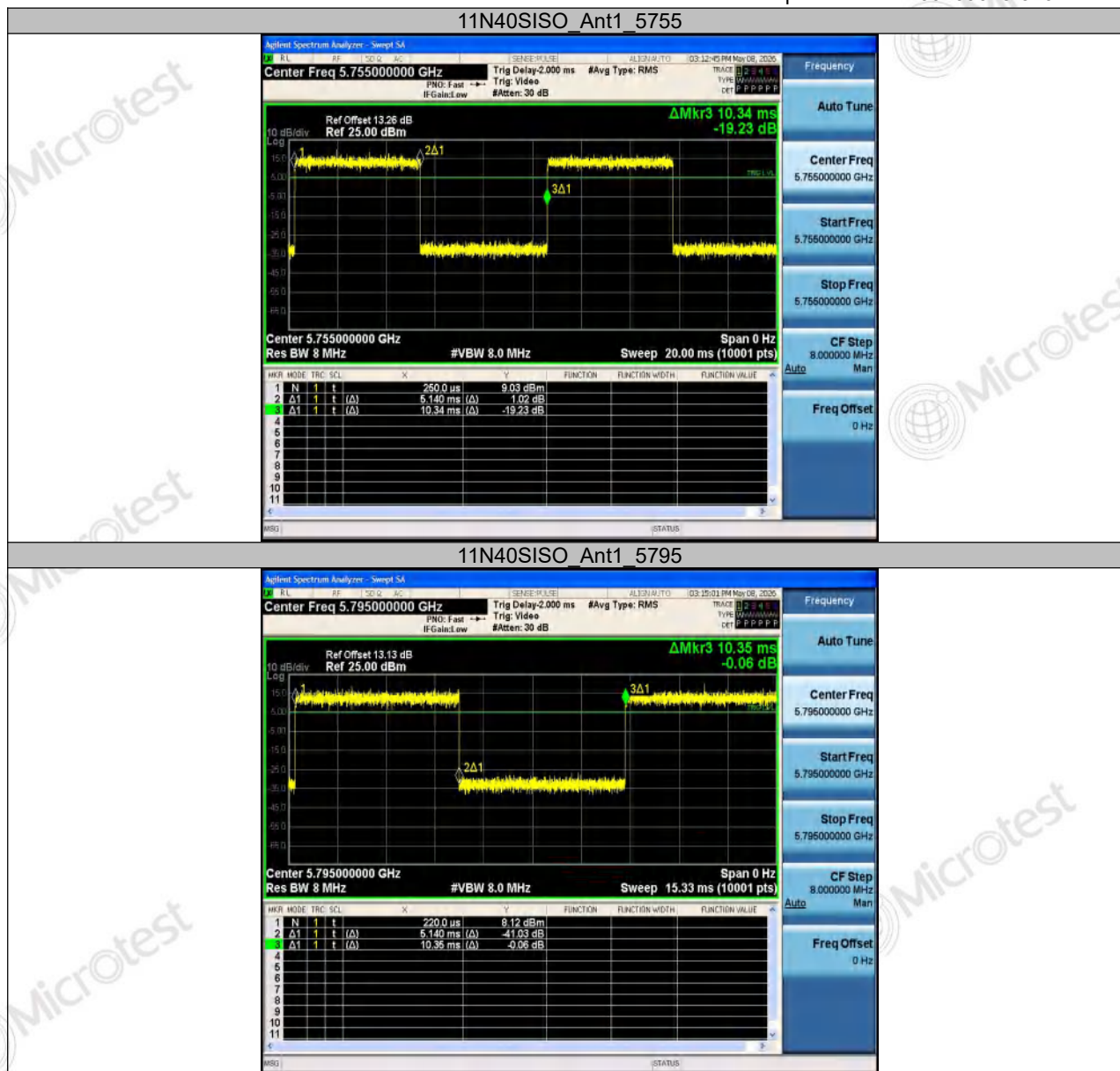
TEST REPORT

Report No.: MTI260409013-0102E4



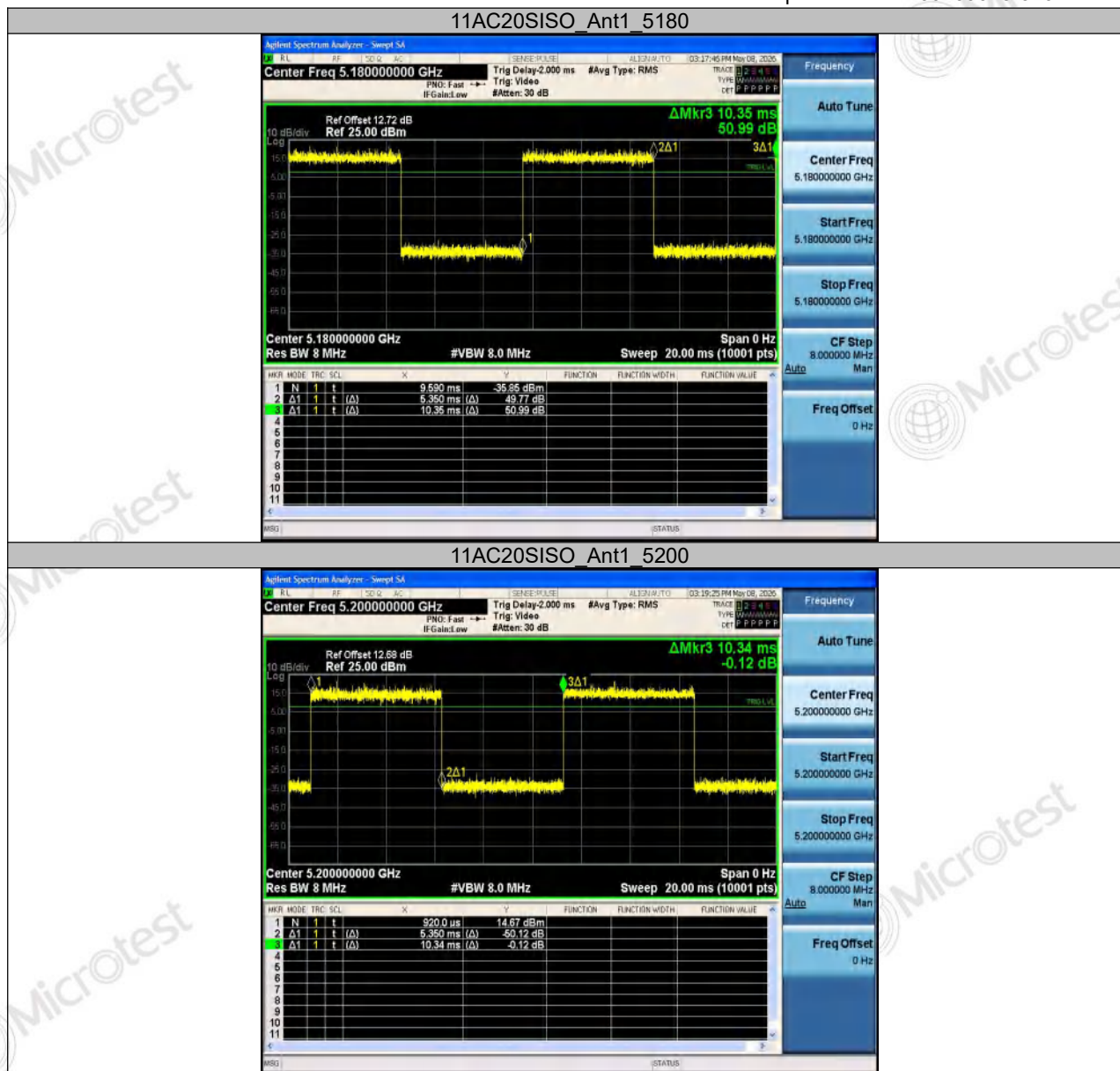
TEST REPORT

Report No.: MTI260409013-0102E4



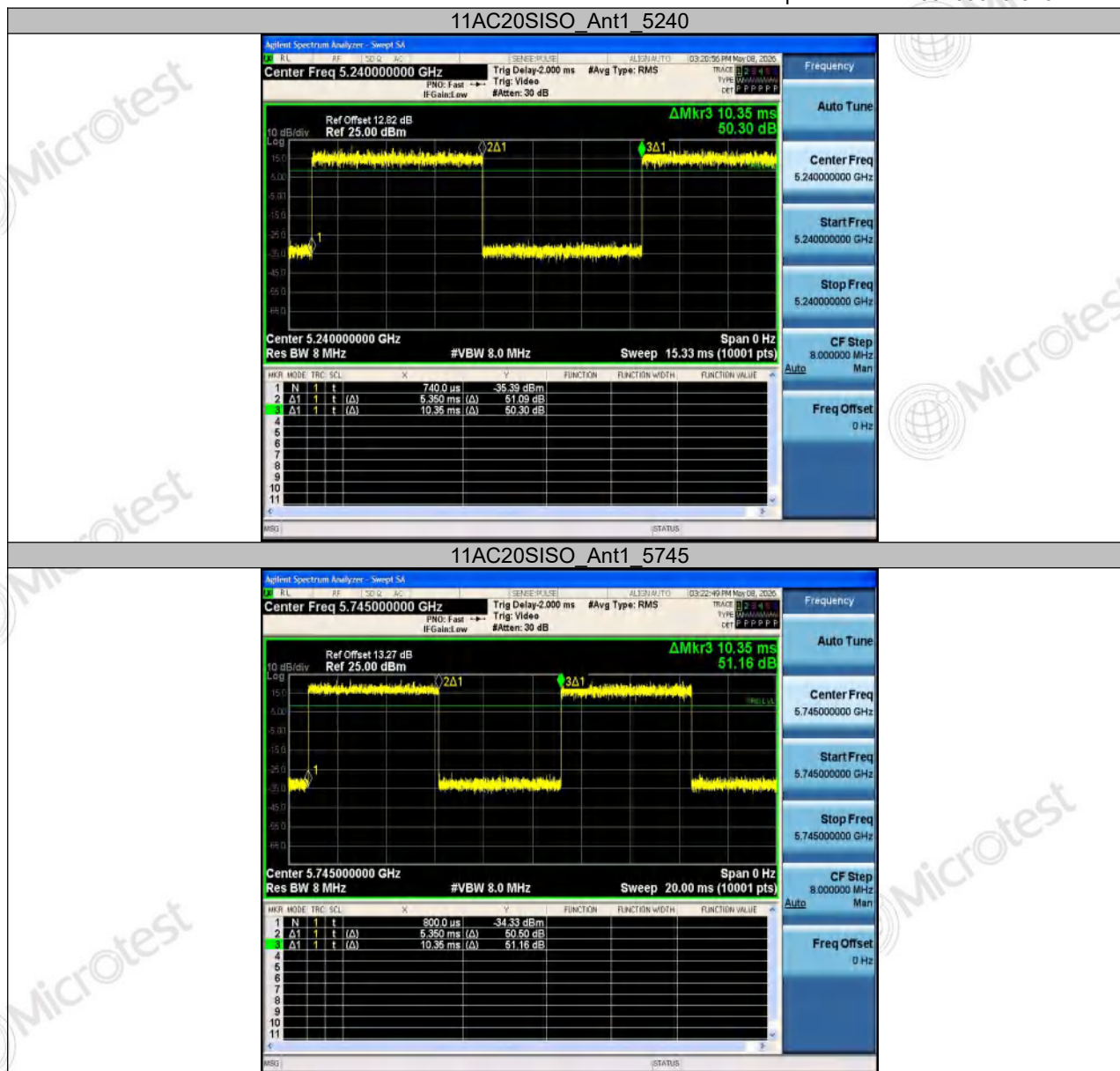
TEST REPORT

Report No.: MTI260409013-0102E4



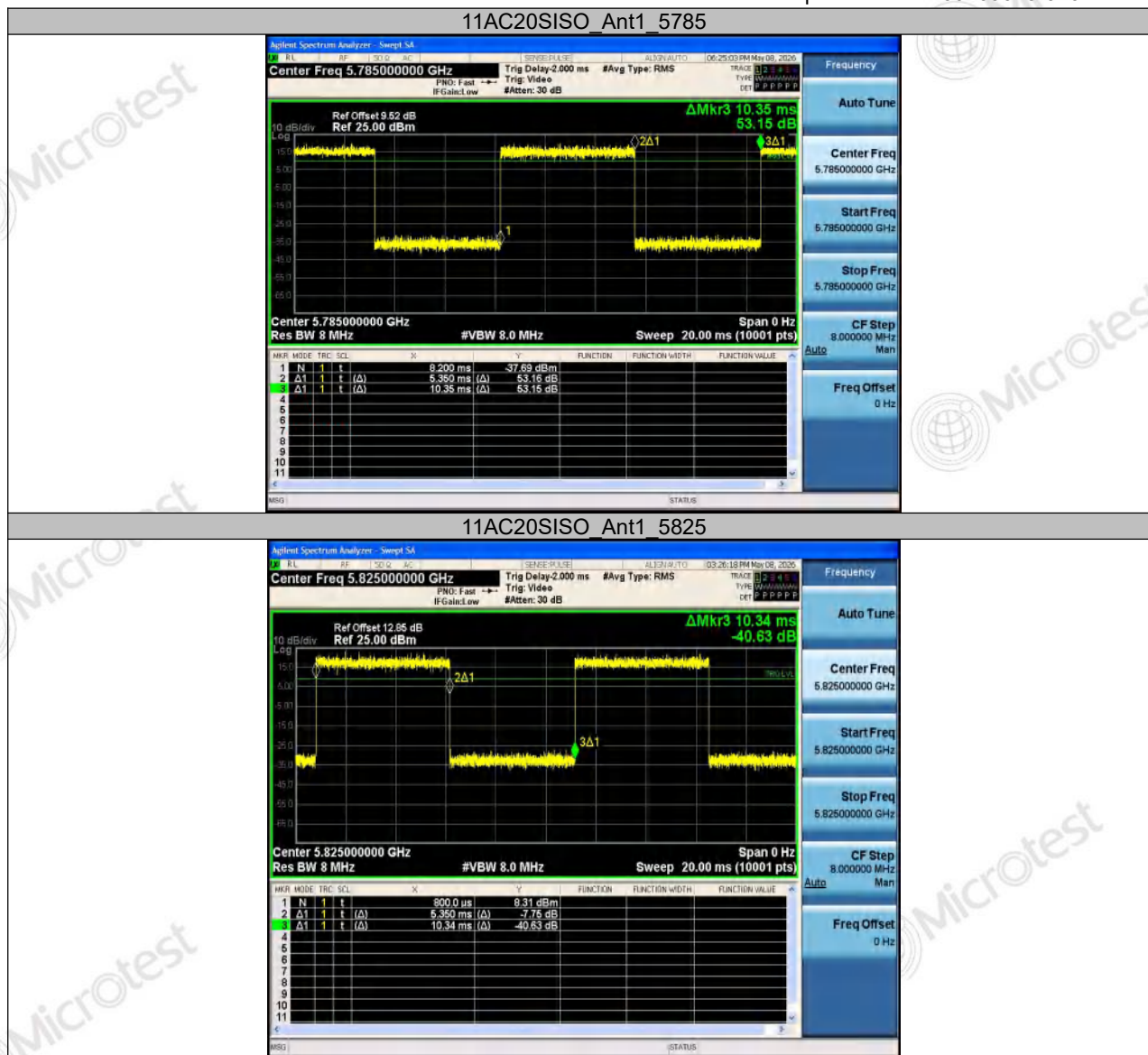
TEST REPORT

Report No.: MTI260409013-0102E4



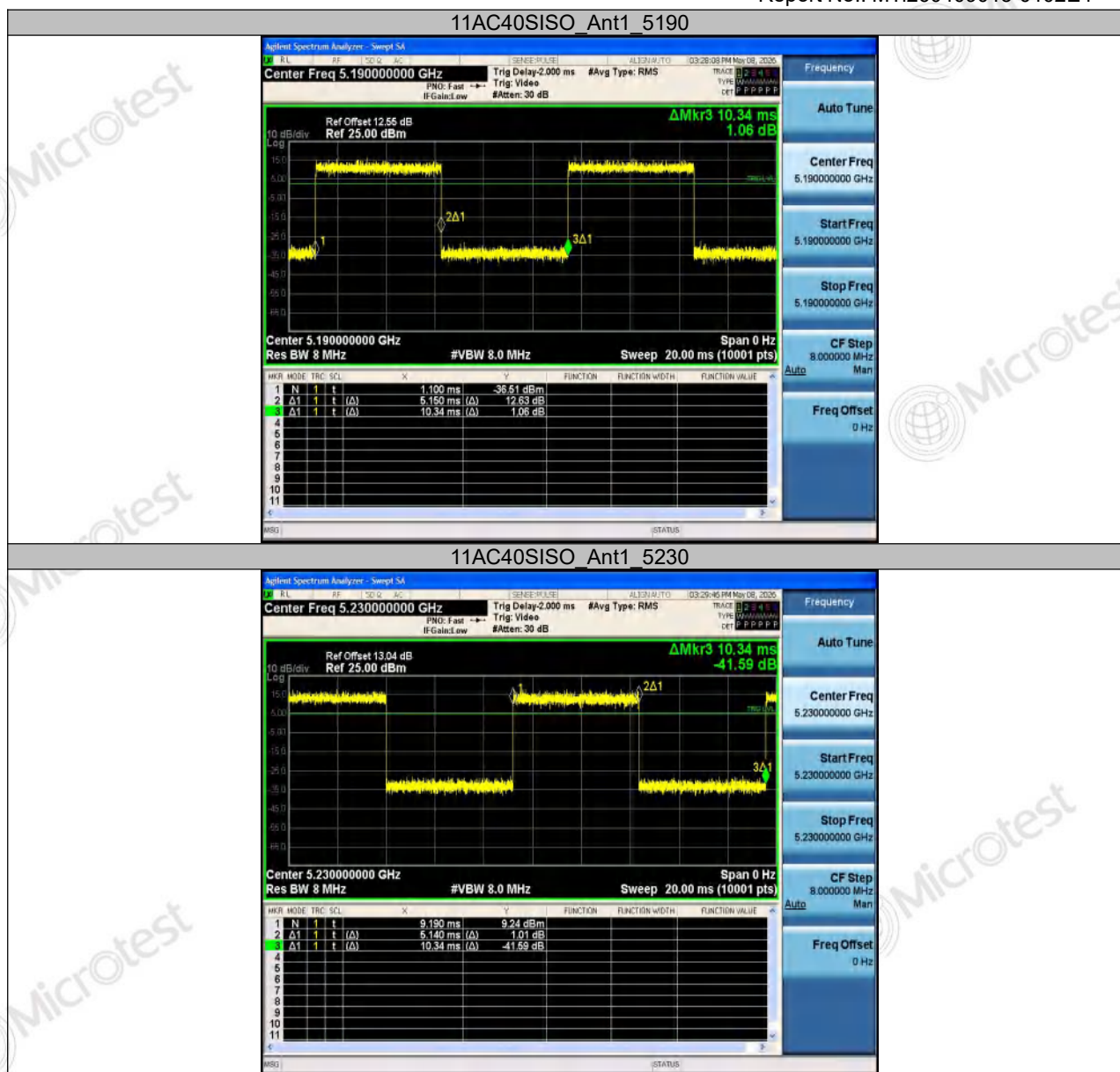
TEST REPORT

Report No.: MTi260409013-0102E4



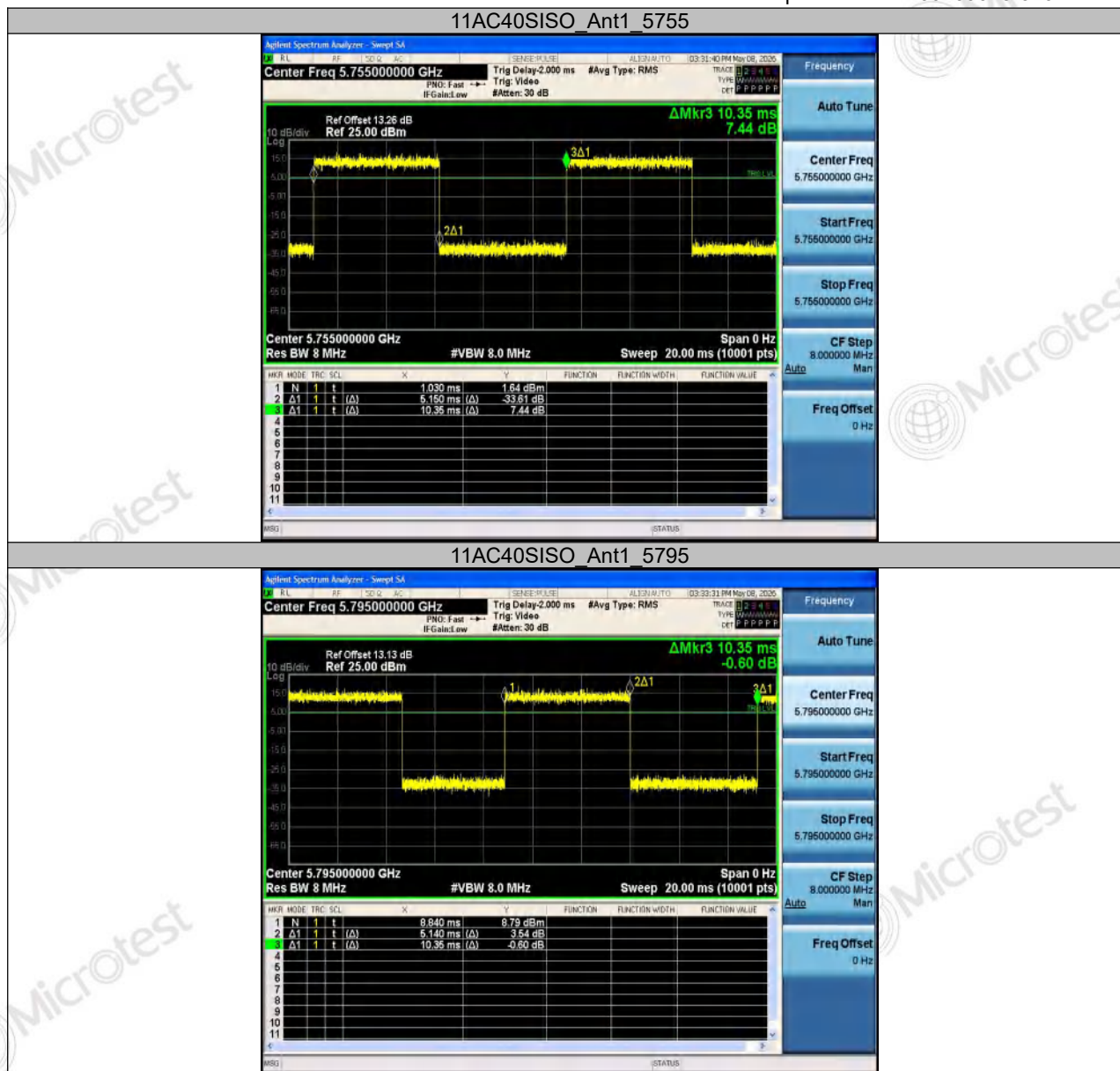
TEST REPORT

Report No.: MTI260409013-0102E4



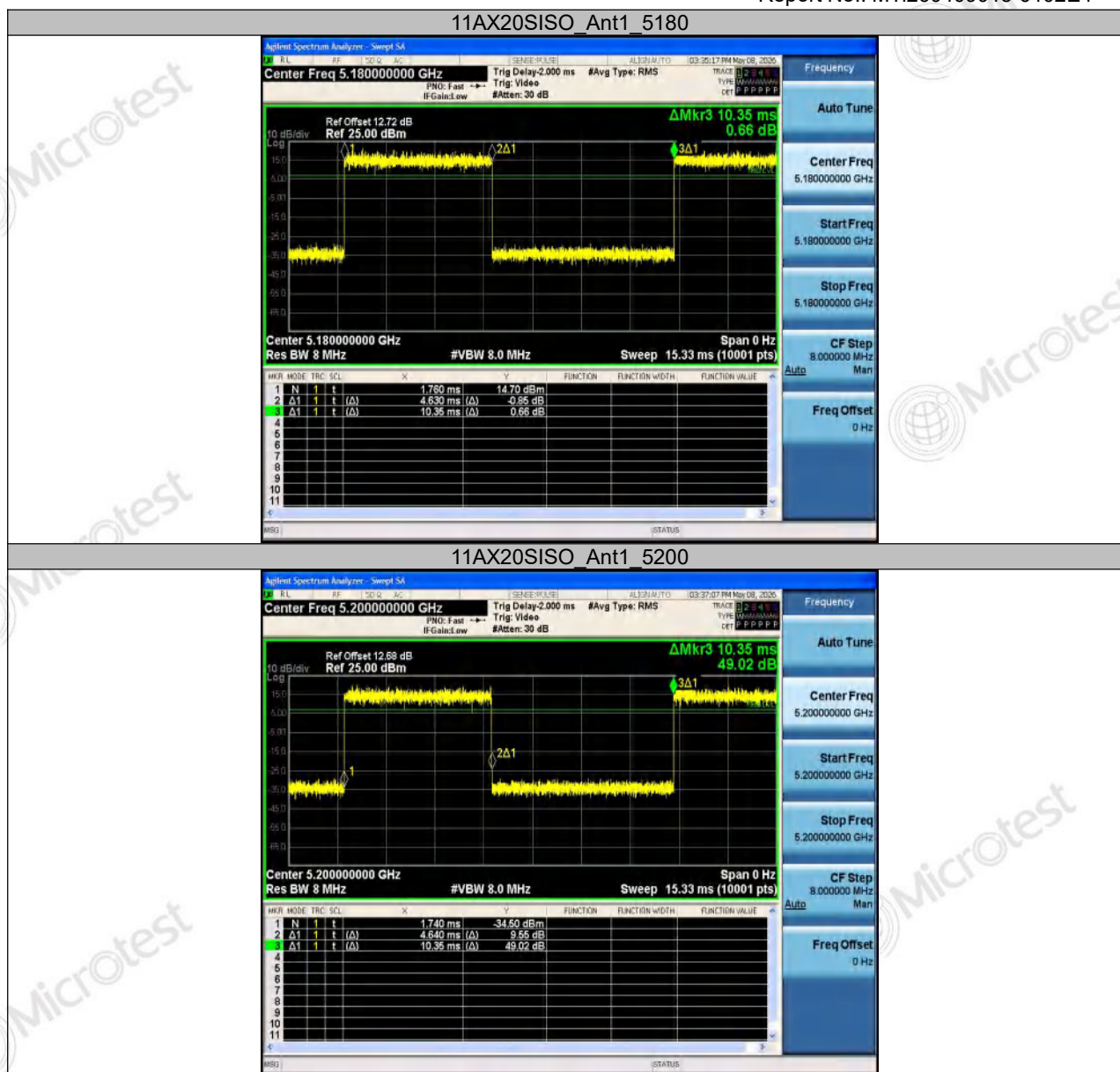
TEST REPORT

Report No.: MTI260409013-0102E4



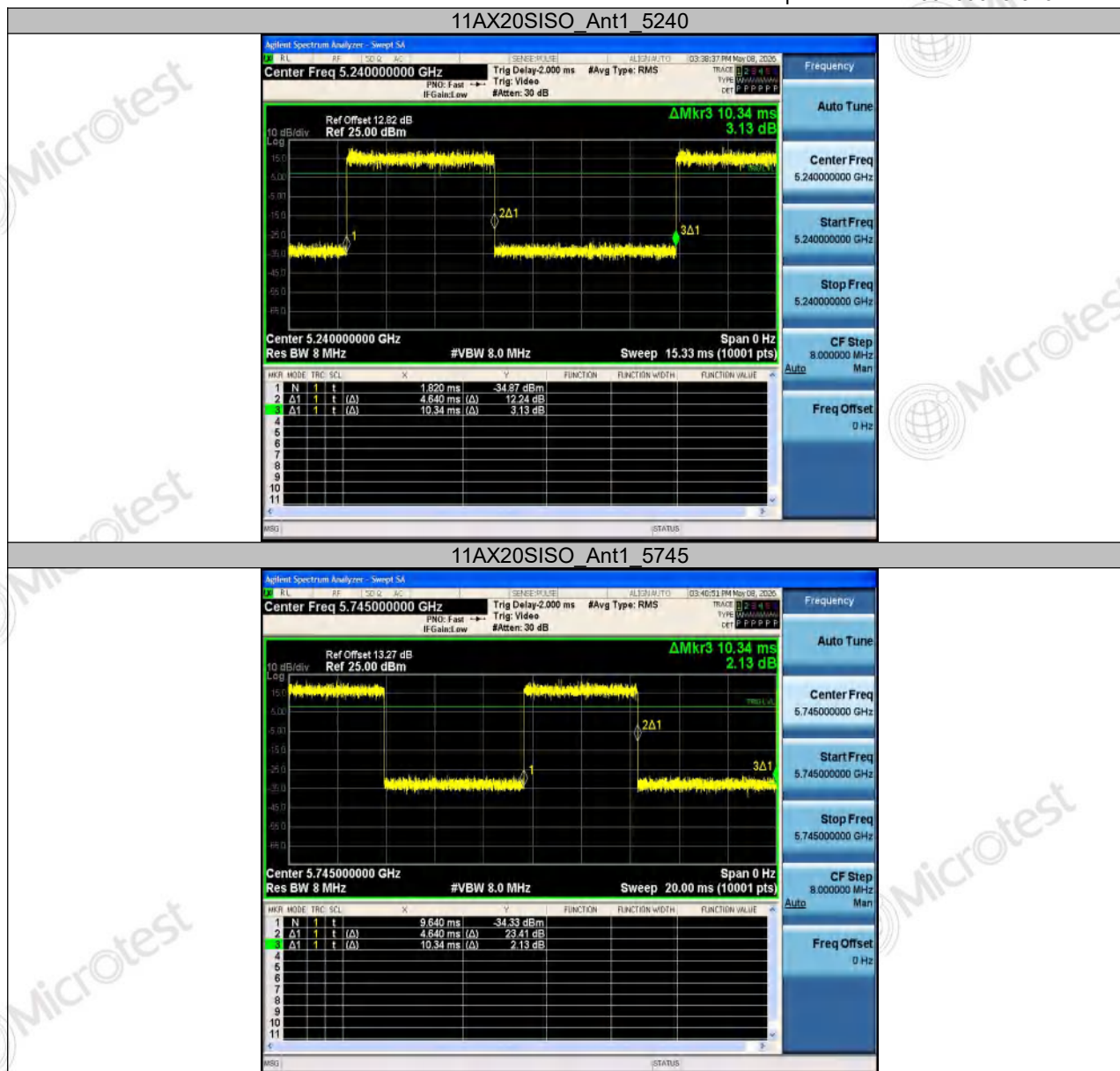
TEST REPORT

Report No.: MTI260409013-0102E4



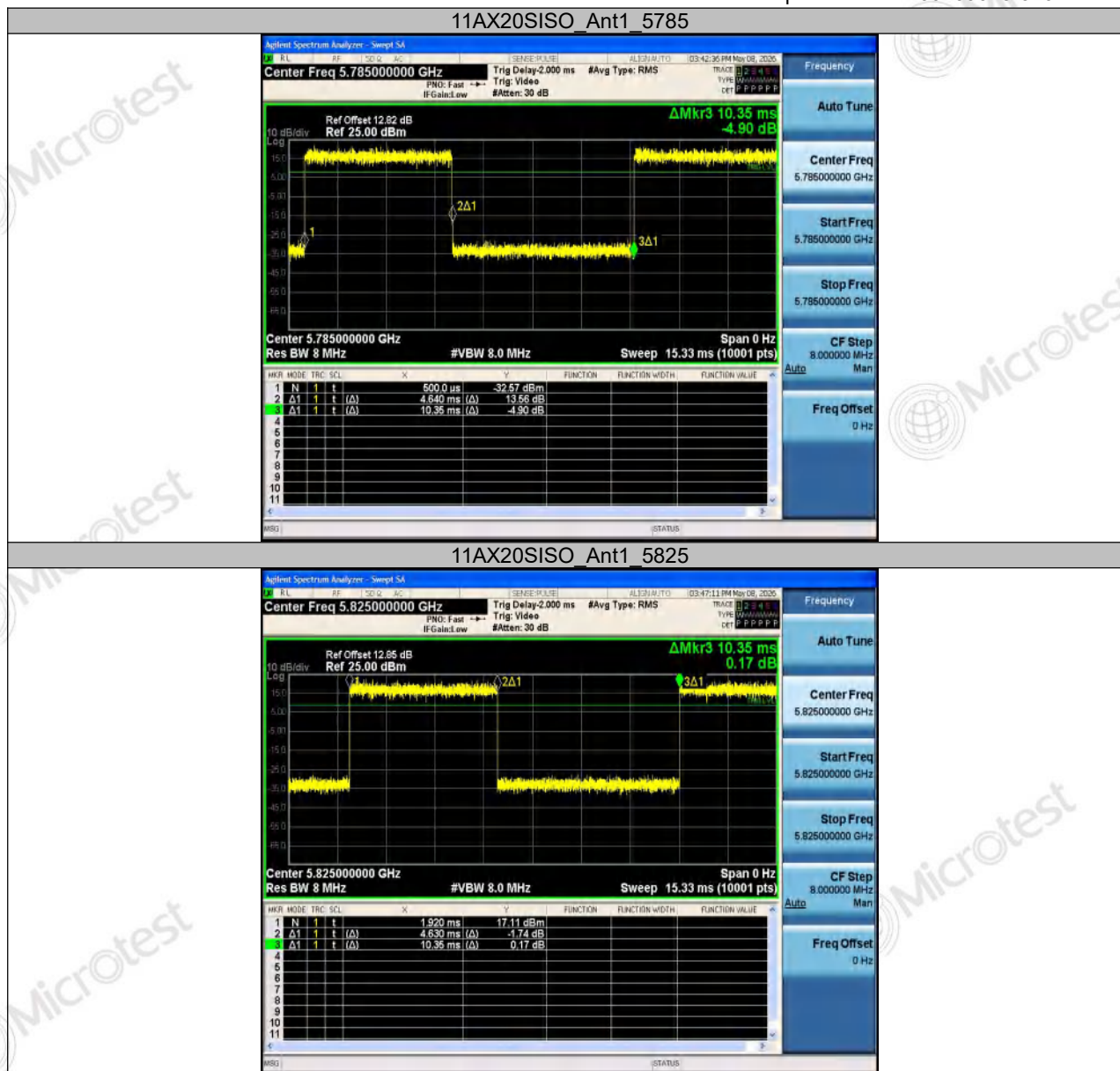
TEST REPORT

Report No.: MTI260409013-0102E4



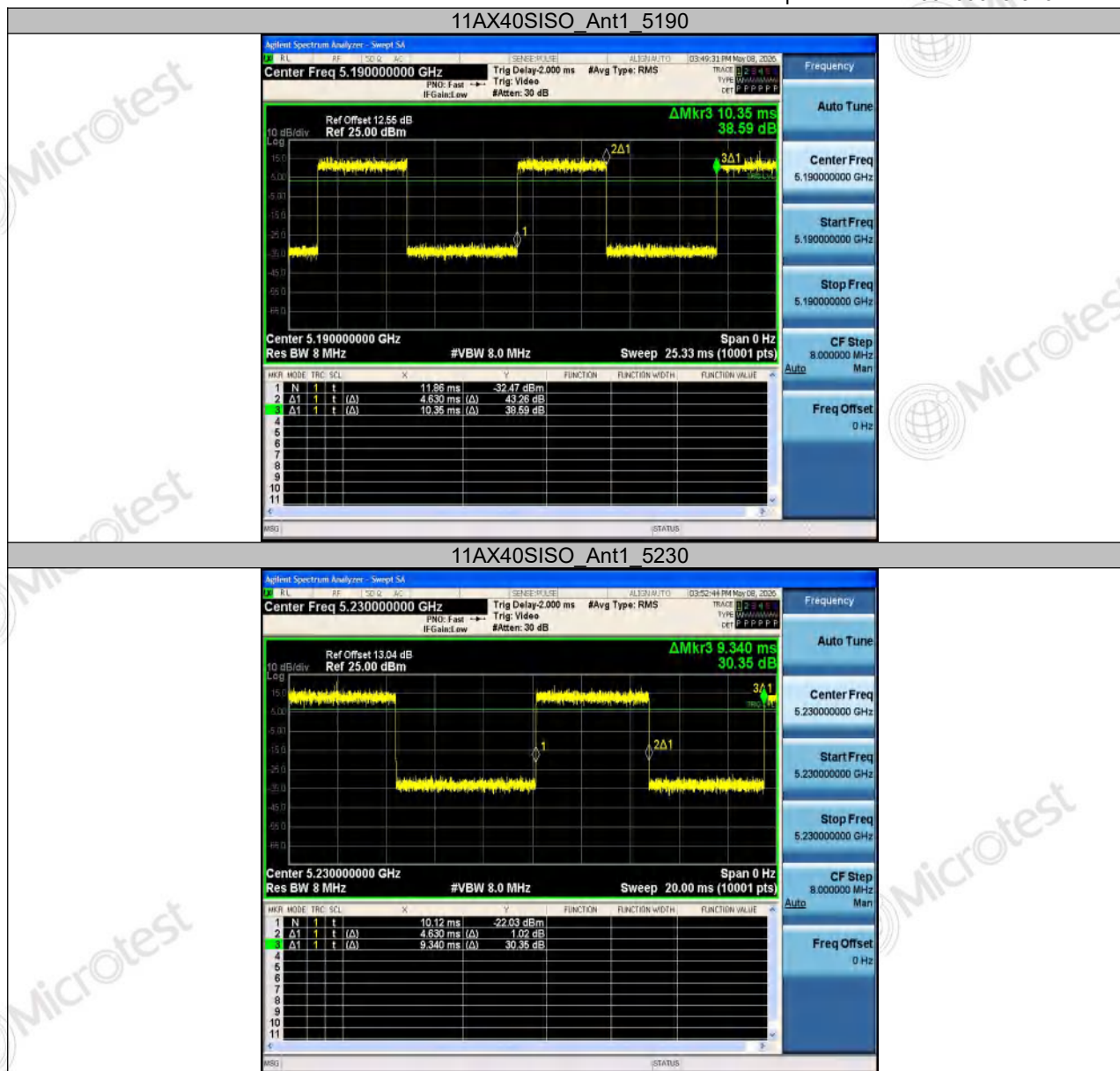
TEST REPORT

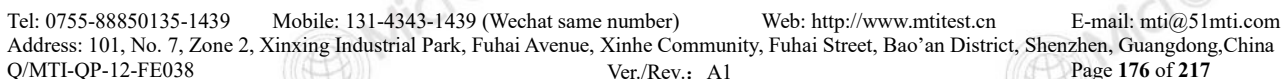
Report No.: MTI260409013-0102E4



TEST REPORT

Report No.: MTI260409013-0102E4





TEST REPORT

Report No.: MTi260409013-0102E4

Appendix C: Maximum conducted output power

Test Result Channel Power

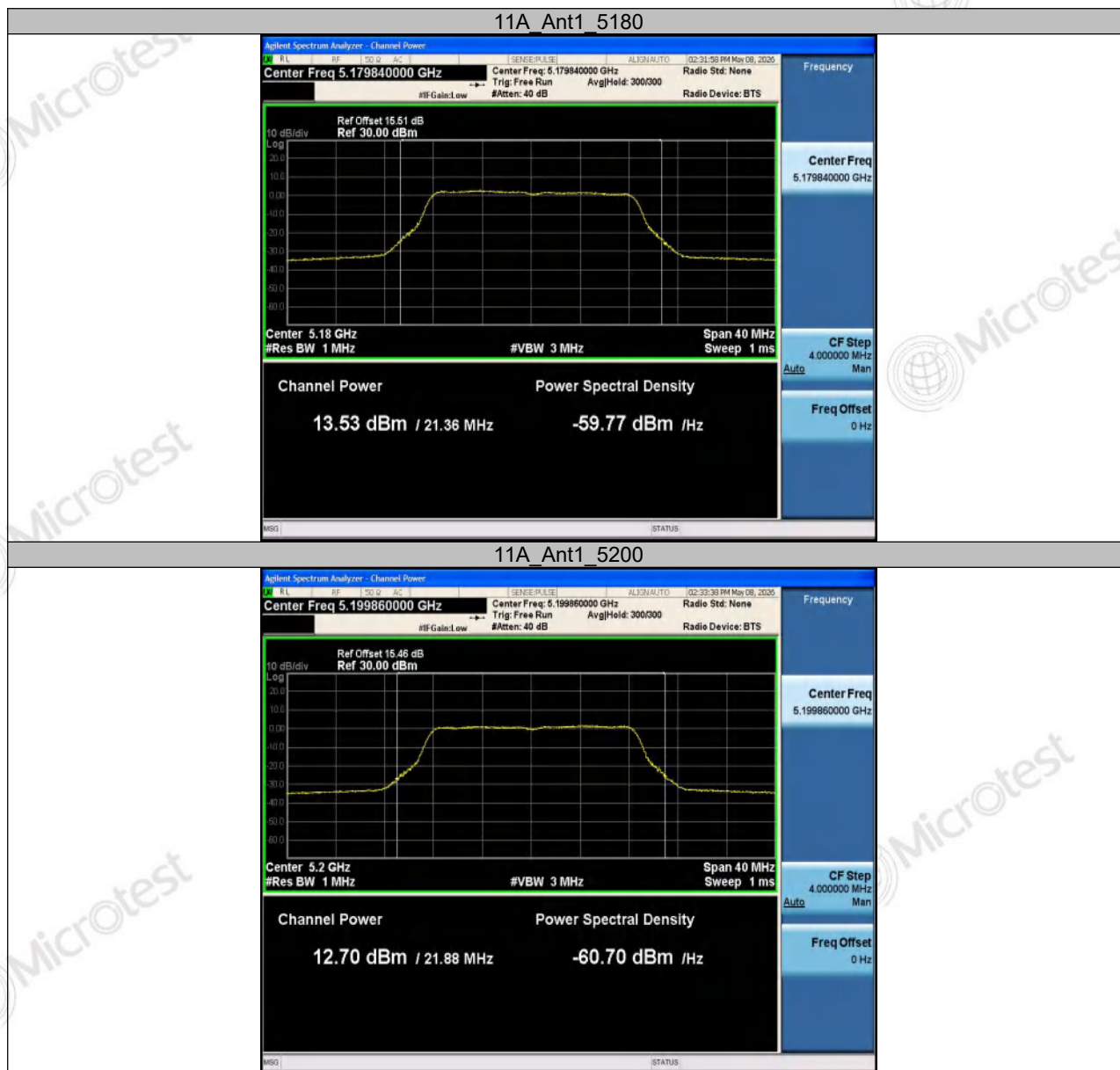
Test Mode	Antenna	Frequency [MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]
11A	Ant1	5180	10.74	52.66	2.79	13.53	≤23.98
		5200	9.92	52.75	2.78	12.70	≤23.98
		5240	10.62	58.35	2.34	12.96	≤23.98
		5745	11.66	52.71	2.78	14.44	≤30.00
		5785	11.89	52.66	2.79	14.68	≤30.00
		5825	12.17	52.75	2.78	14.95	≤30.00
11N20SISO	Ant1	5180	10.38	51.64	2.87	13.25	≤23.98
		5200	9.56	51.59	2.87	12.43	≤23.98
		5240	10.21	51.64	2.87	13.08	≤23.98
		5745	11.86	51.64	2.87	14.73	≤30.00
		5785	11.86	51.64	2.87	14.73	≤30.00
		5825	12.37	51.59	2.87	15.24	≤30.00
11N40SISO	Ant1	5190	9.75	49.66	3.04	12.79	≤23.98
		5230	11.08	49.71	3.04	14.12	≤23.98
		5755	11.63	49.71	3.04	14.67	≤30.00
		5795	11.16	49.66	3.04	14.20	≤30.00
11AC20SISO	Ant1	5180	10.49	51.69	2.87	13.36	≤23.98
		5200	9.70	51.74	2.86	12.56	≤23.98
		5240	10.07	51.69	2.87	12.94	≤23.98
		5745	12.18	51.69	2.87	15.05	≤30.00
		5785	10.47	51.69	2.87	13.34	≤30.00
		5825	12.60	51.74	2.86	15.46	≤30.00
11AC40SISO	Ant1	5190	9.36	49.81	3.03	12.39	≤23.98
		5230	11.27	49.71	3.04	14.31	≤23.98
		5755	11.77	49.76	3.03	14.80	≤30.00
		5795	11.37	49.66	3.04	14.41	≤30.00
11AX20SISO	Ant1	5180	10.07	44.73	3.49	13.56	≤23.98
		5200	9.31	44.83	3.48	12.79	≤23.98
		5240	9.70	44.87	3.48	13.18	≤23.98
		5745	11.35	44.87	3.48	14.83	≤30.00
		5785	11.46	44.83	3.48	14.94	≤30.00
		5825	12.25	44.73	3.49	15.74	≤30.00
11AX40SISO	Ant1	5190	9.37	44.73	3.49	12.86	≤23.98
		5230	11.07	49.57	3.05	14.12	≤23.98
		5755	11.11	44.78	3.49	14.60	≤30.00
		5795	10.80	44.73	3.49	14.29	≤30.00

Note: The Duty Cycle Factor is compensated in the graph.

TEST REPORT

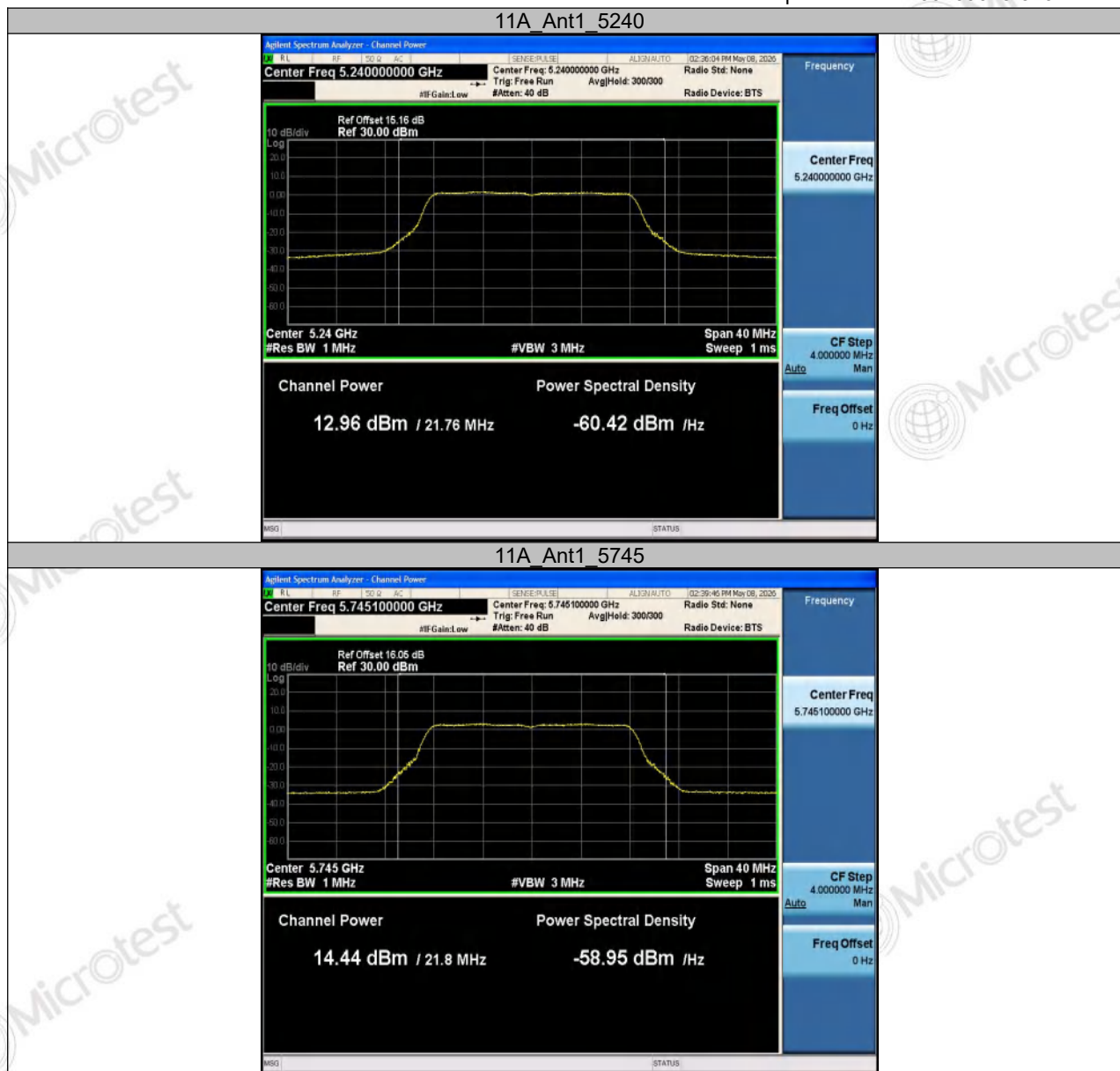
Report No.: MTi260409013-0102E4

Test Graphs



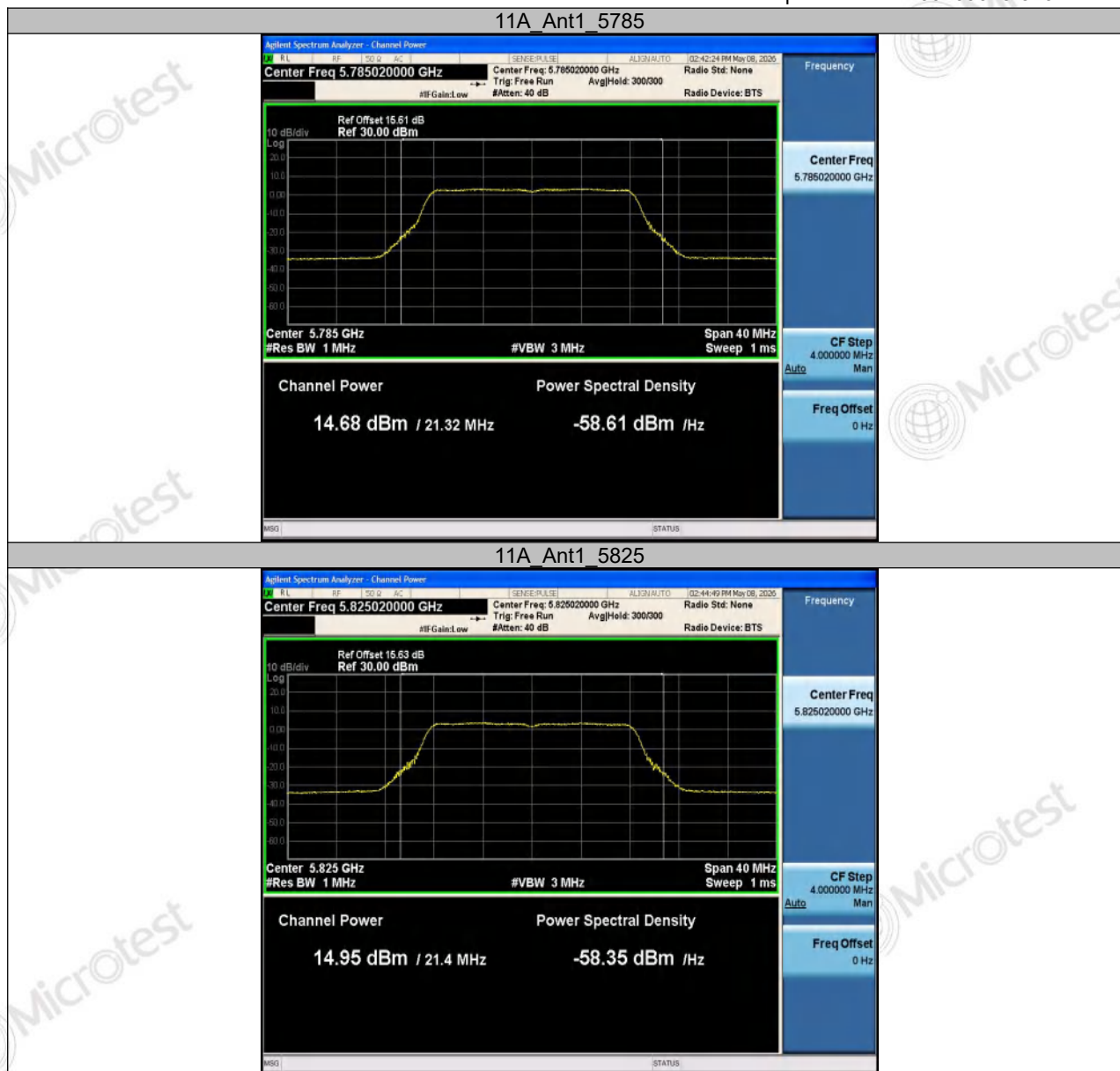
TEST REPORT

Report No.: MTi260409013-0102E4



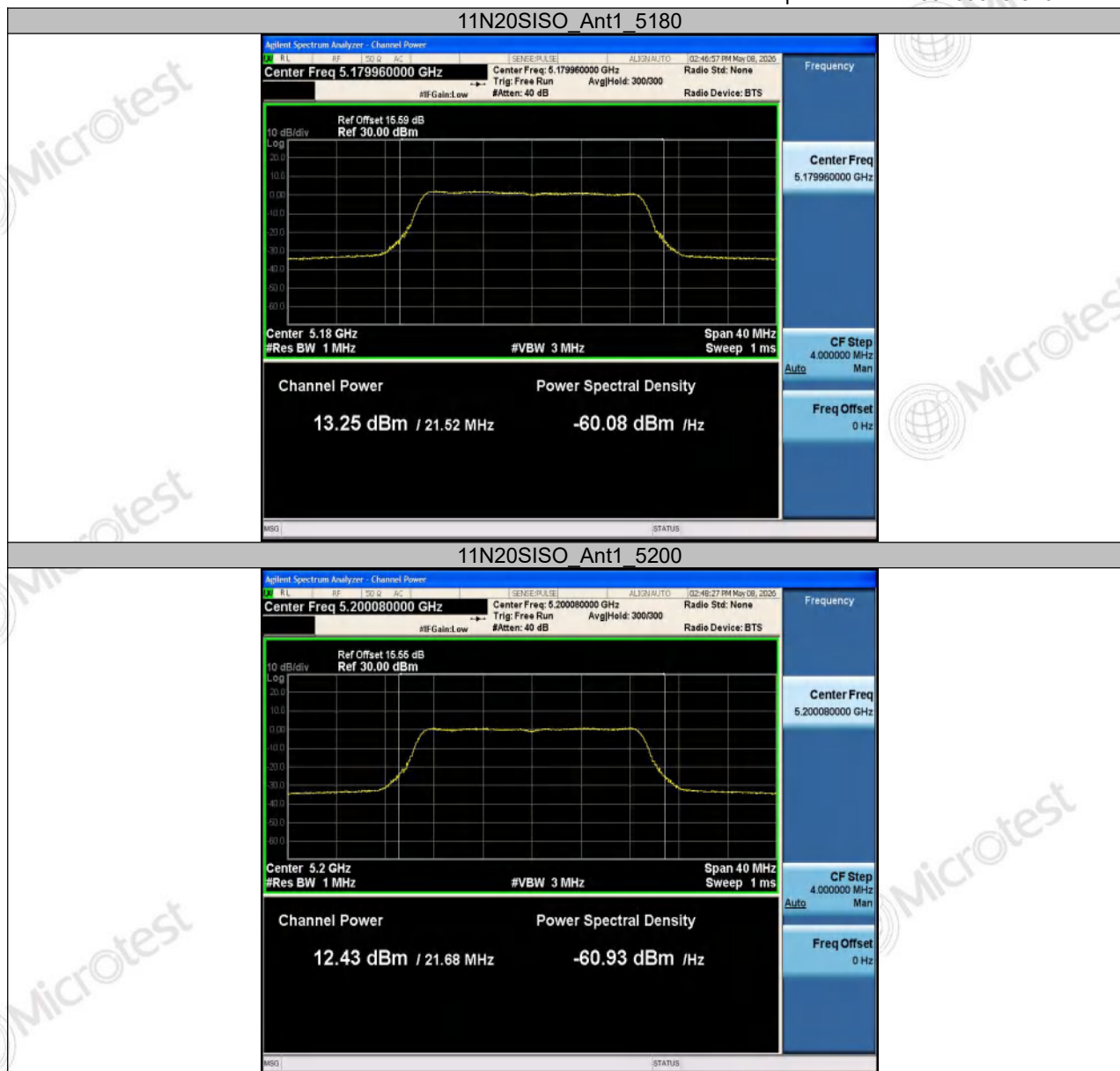
TEST REPORT

Report No.: MTi260409013-0102E4



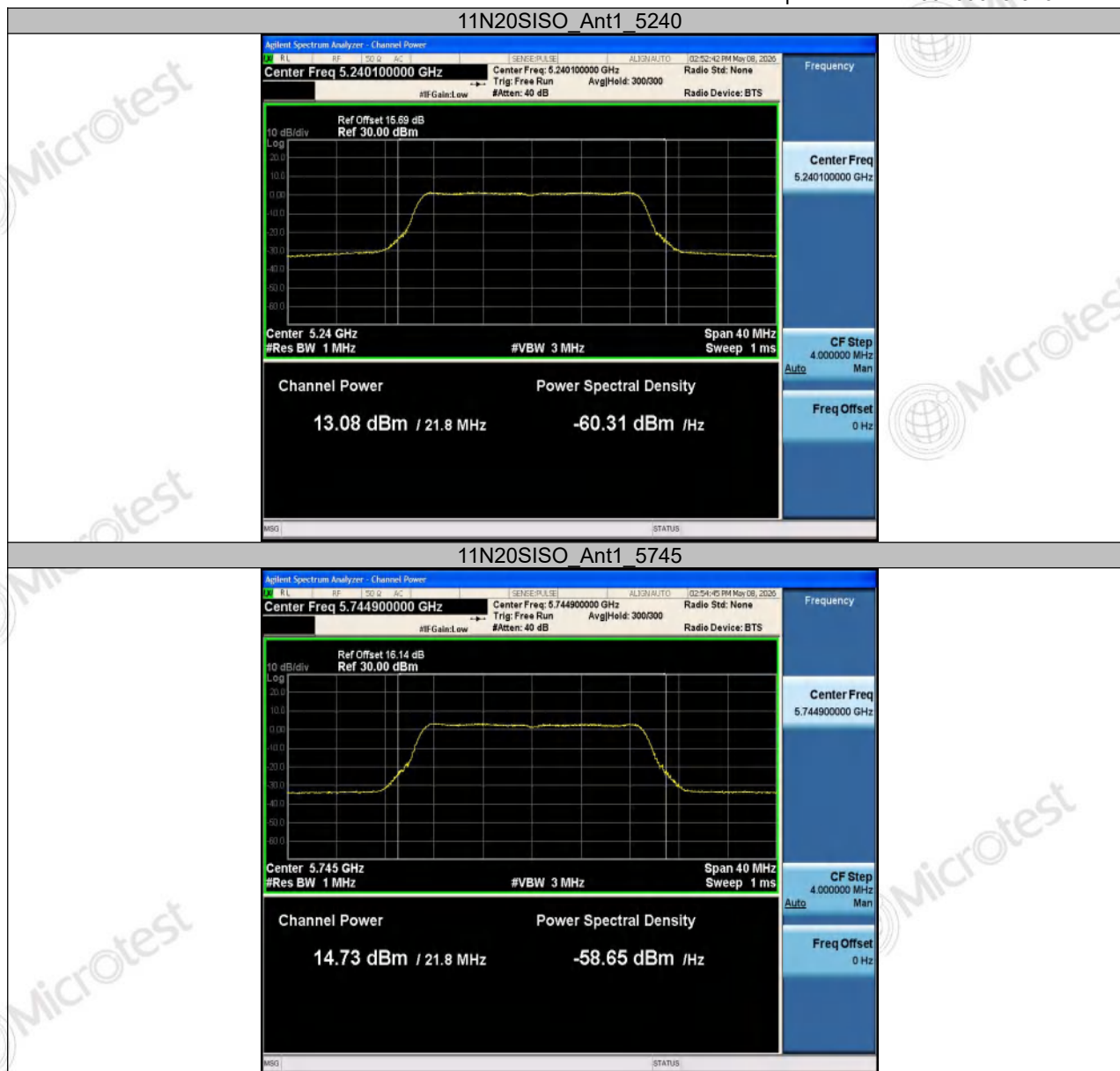
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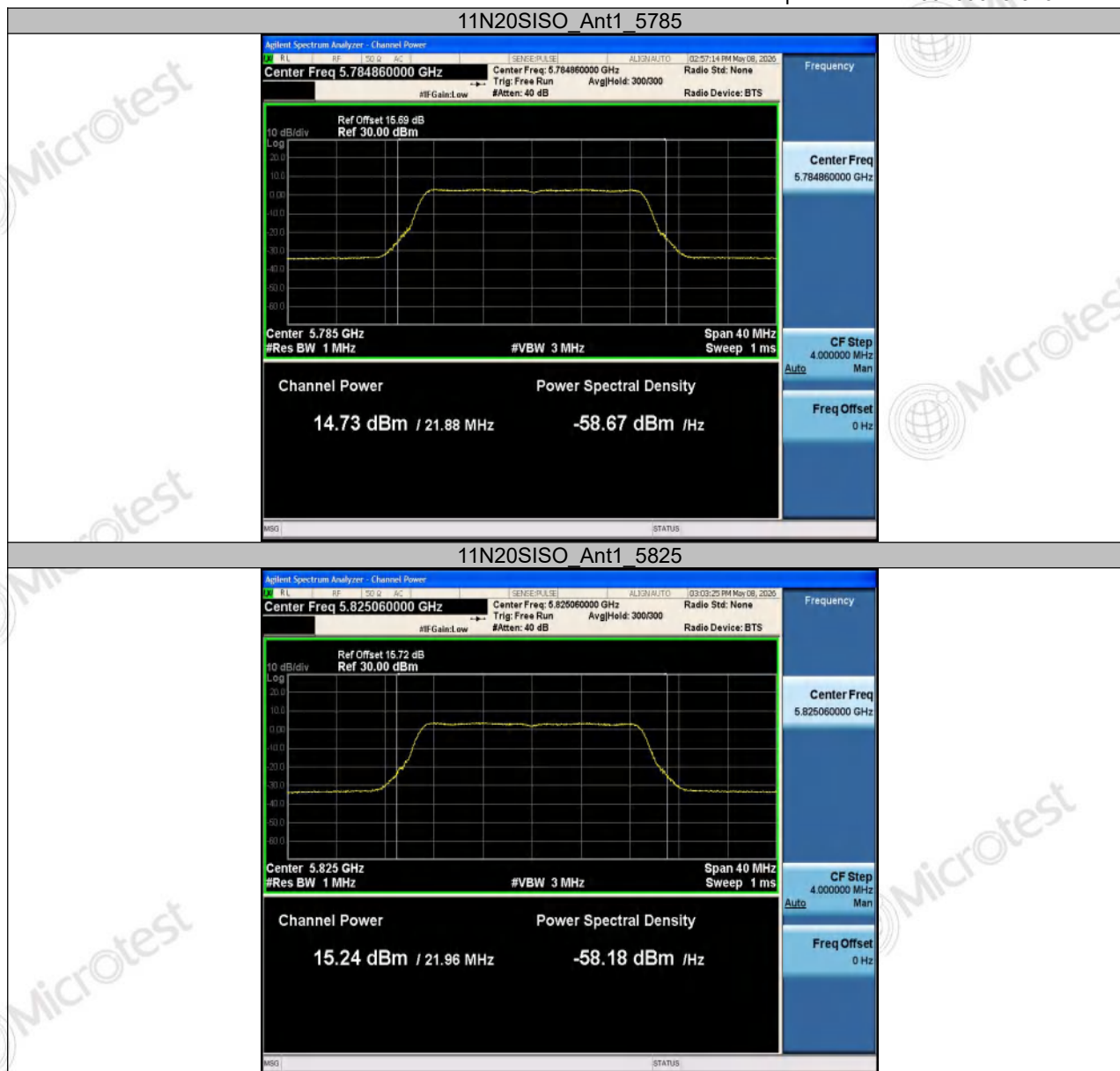
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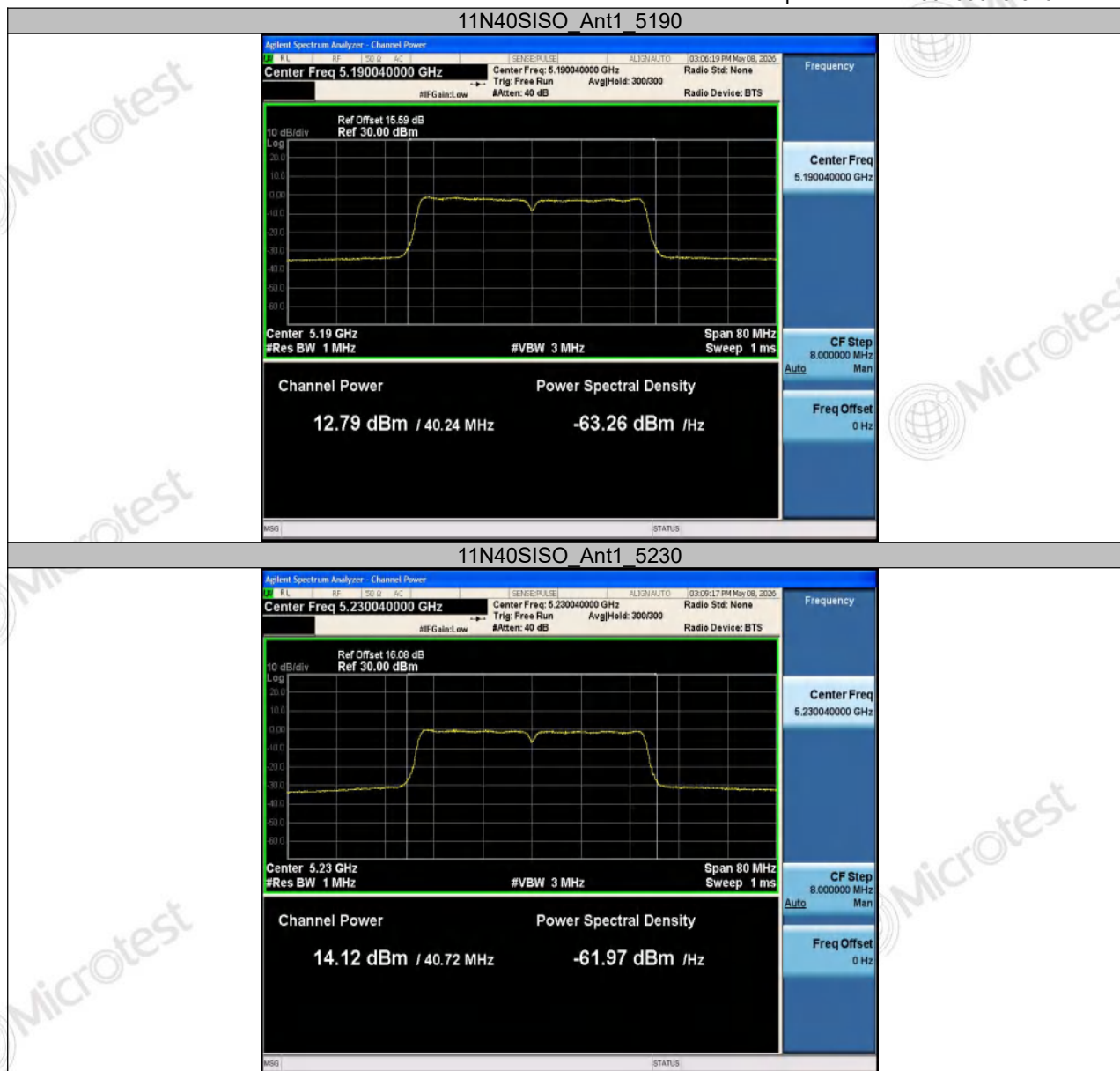
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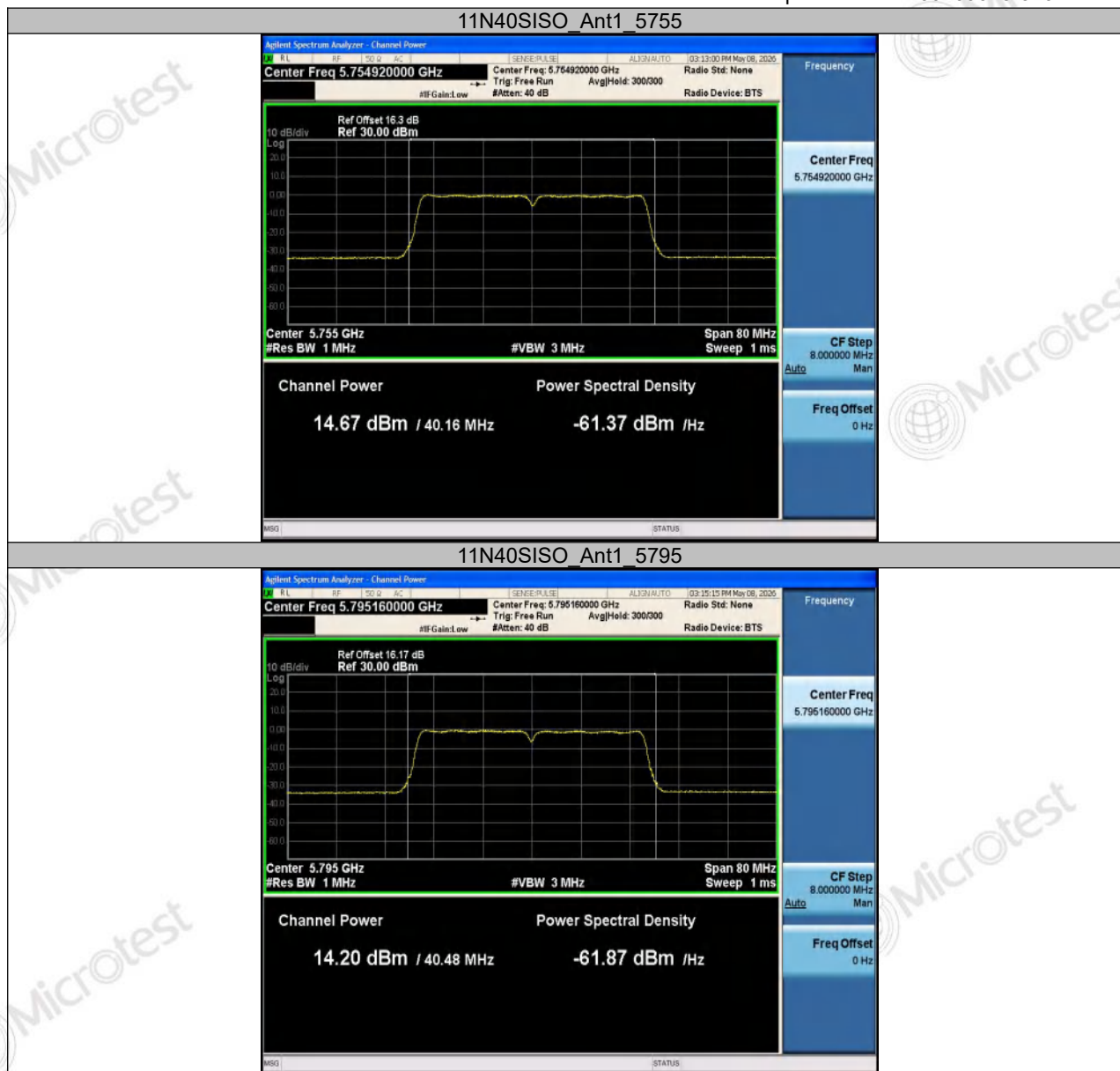
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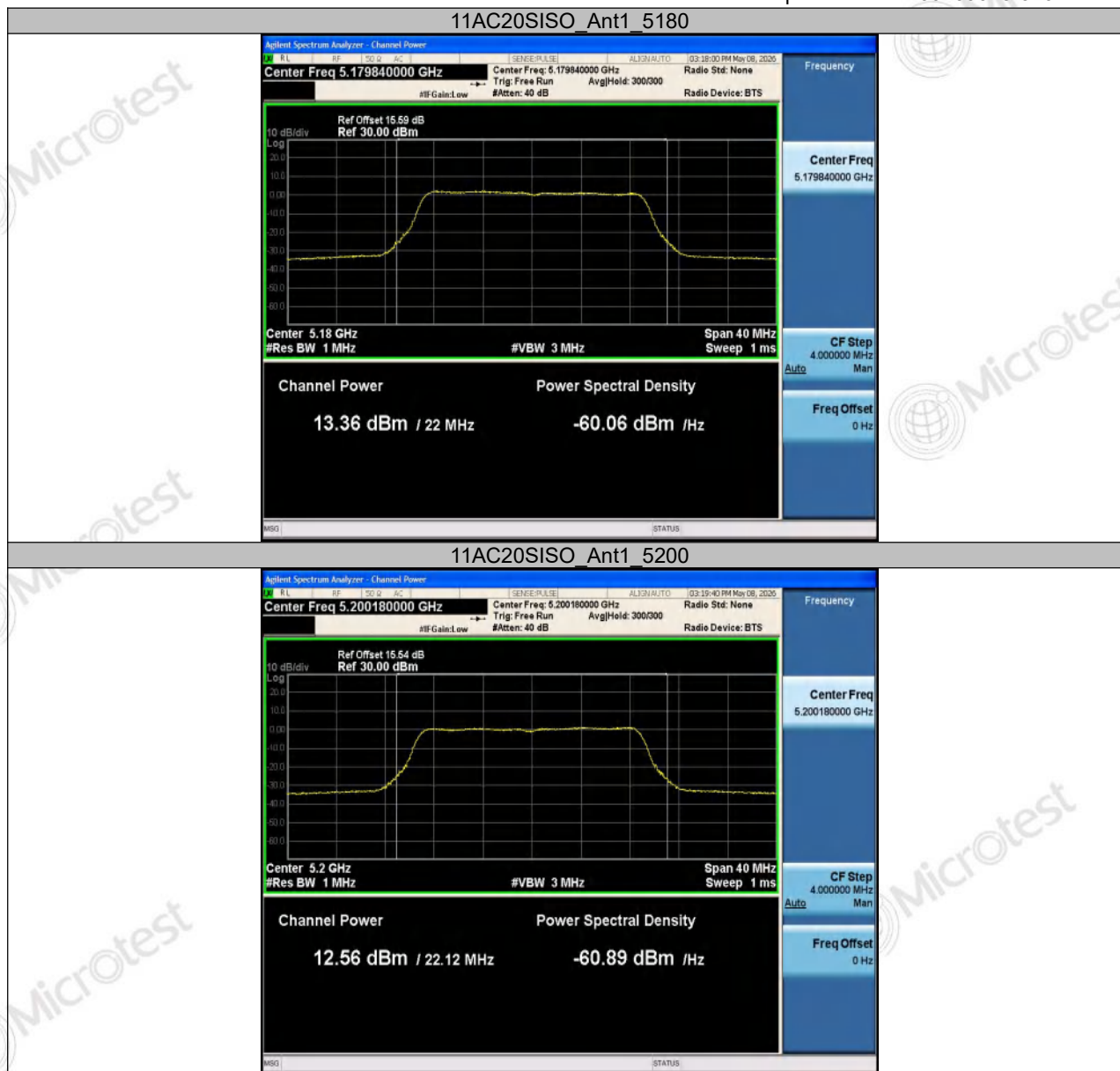
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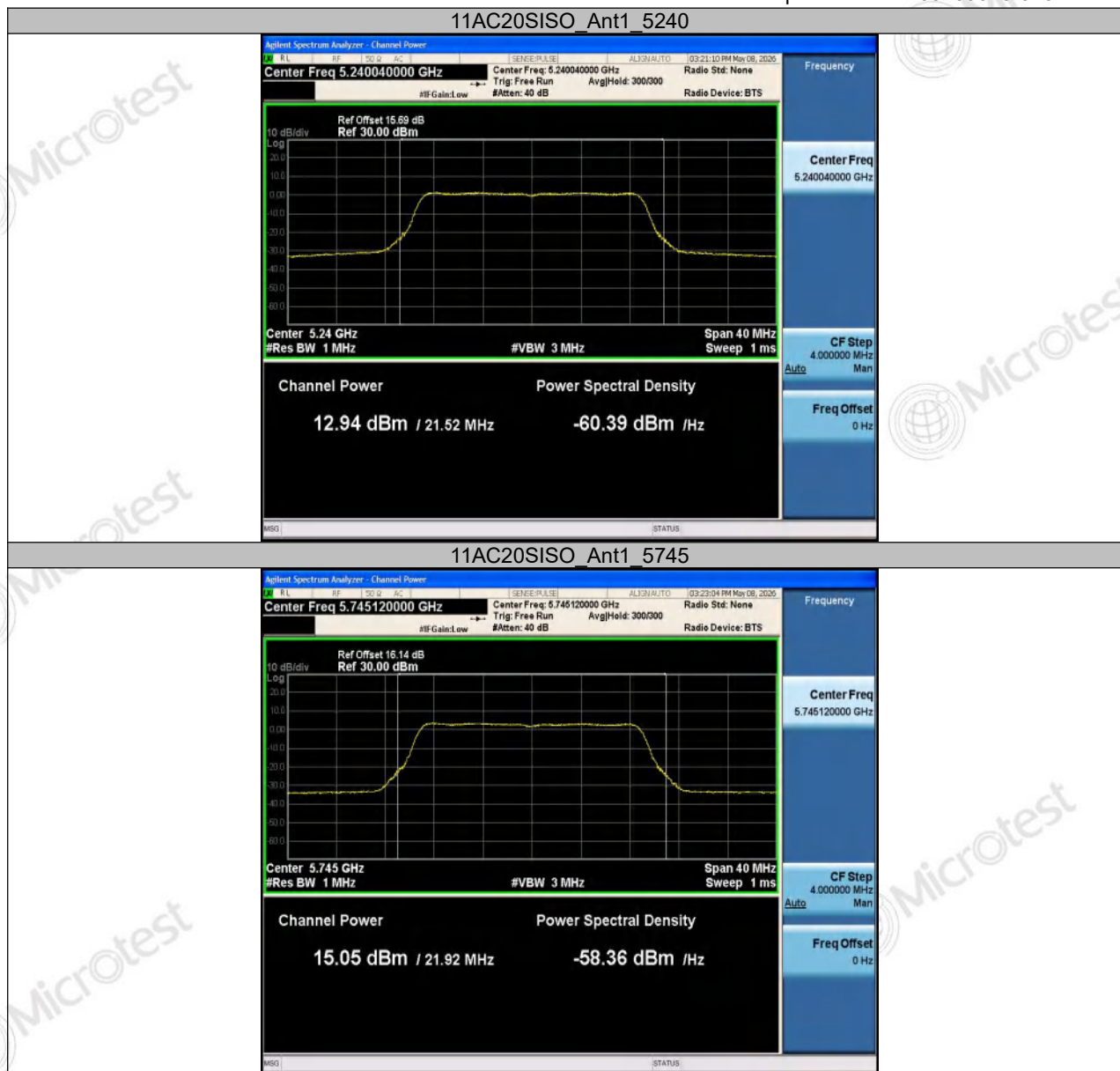
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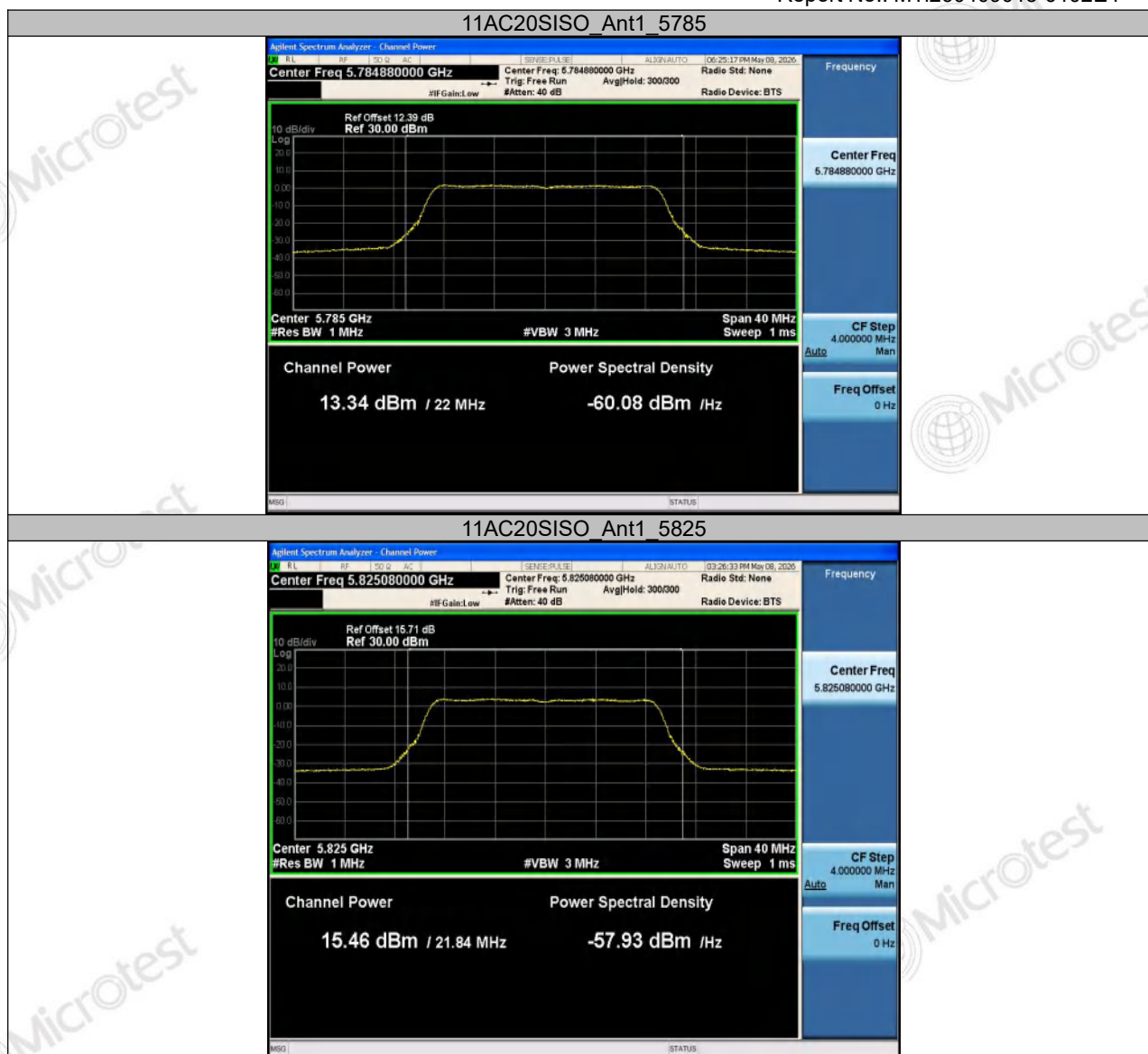
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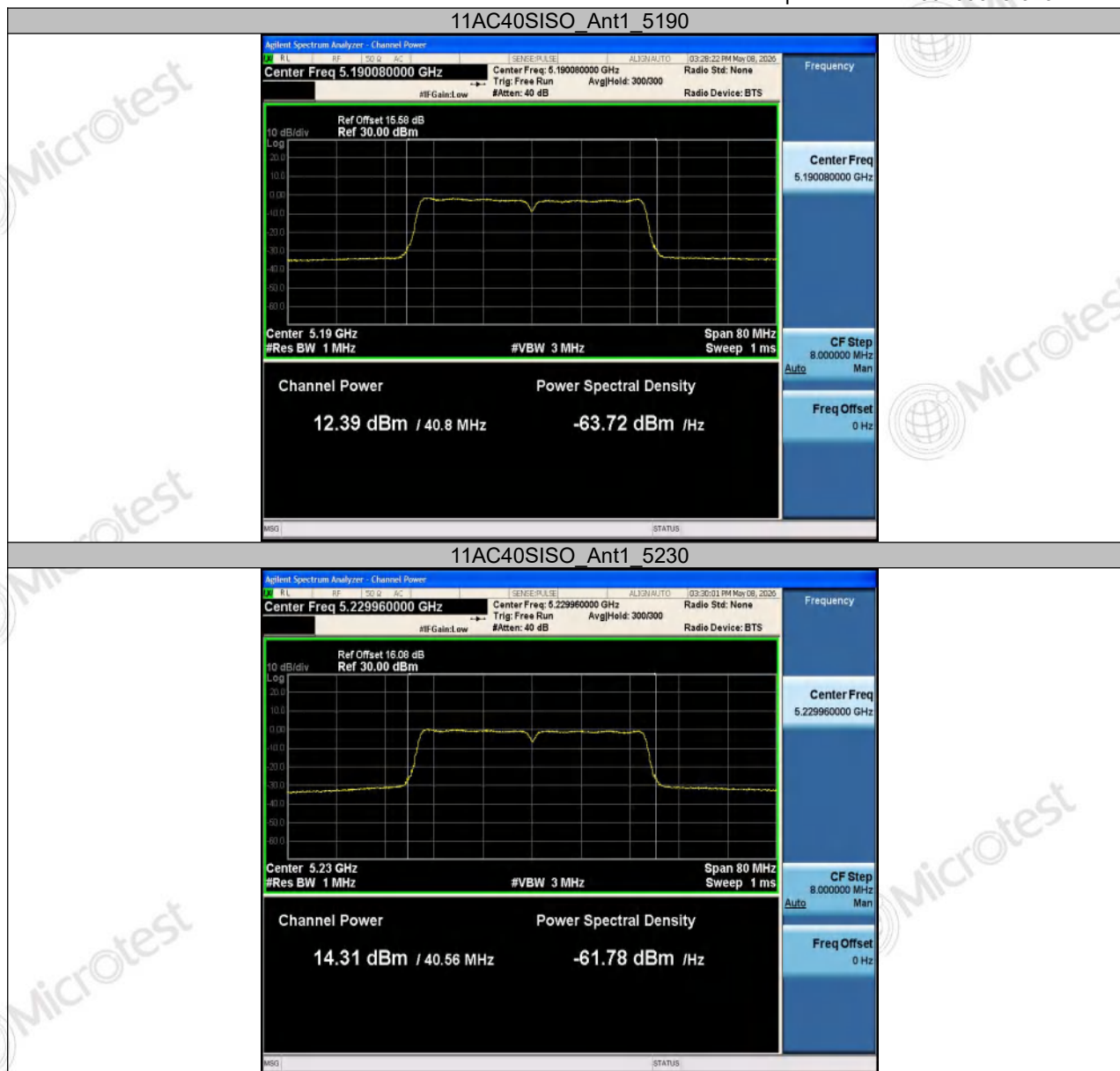
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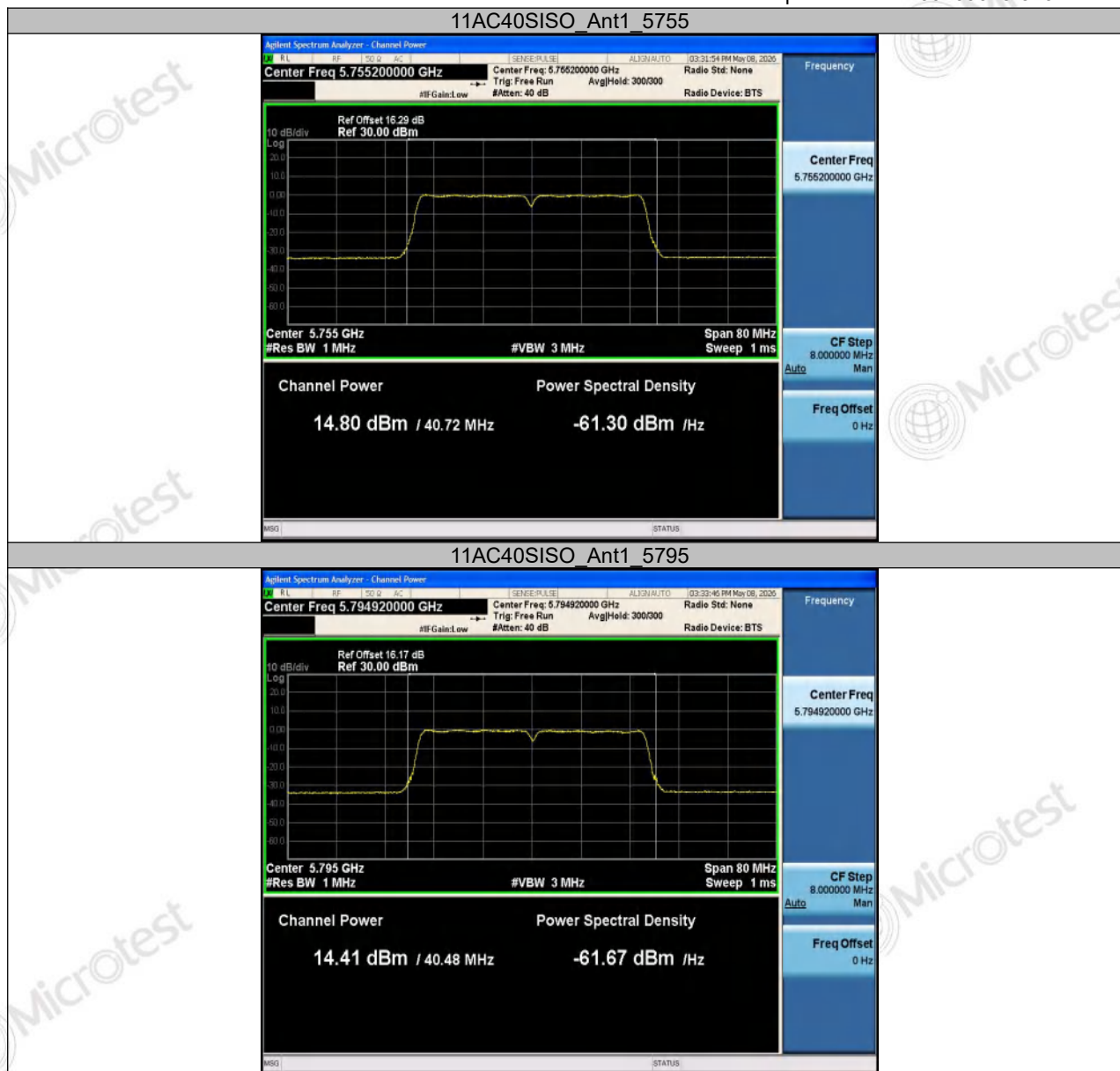
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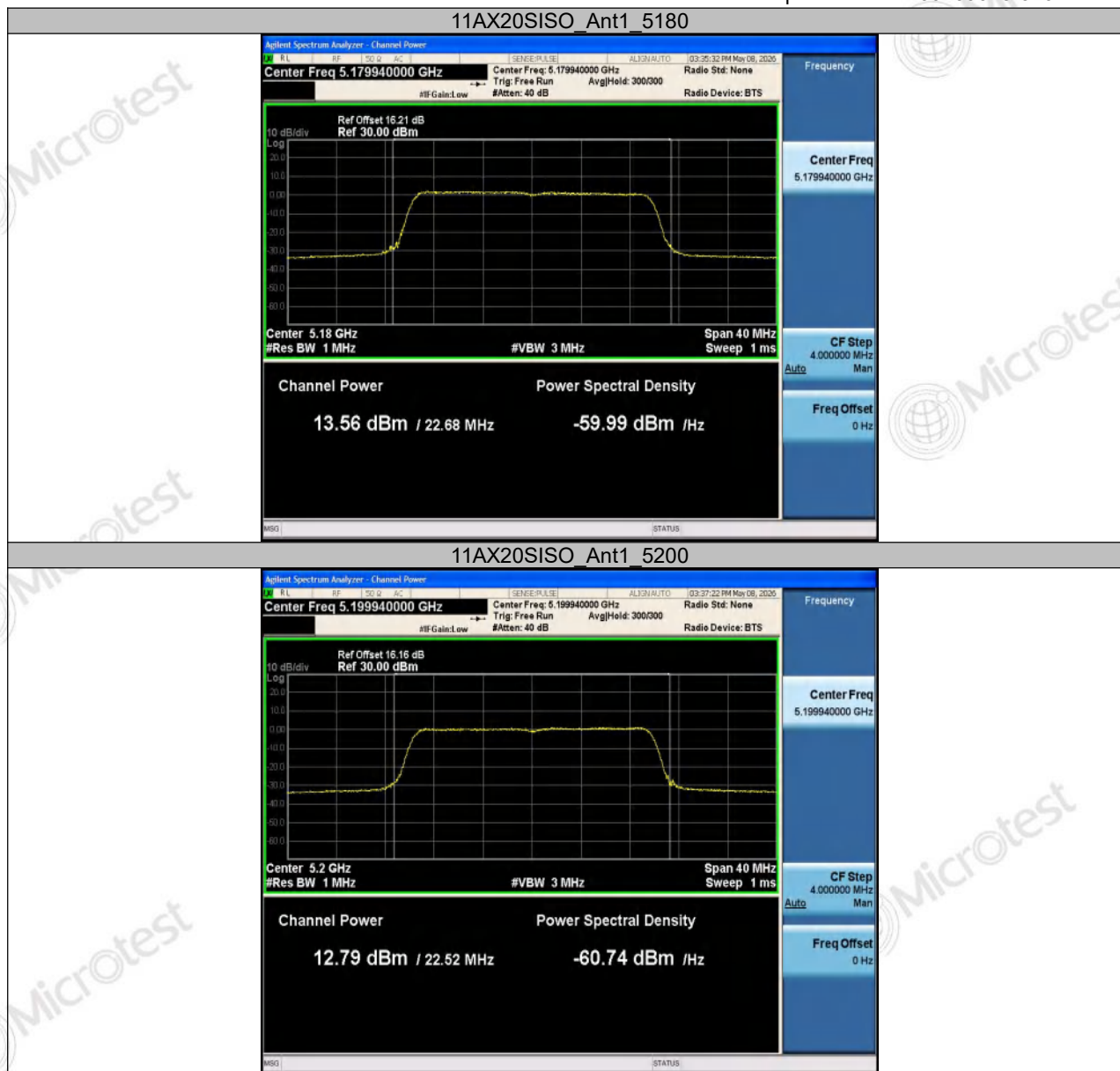
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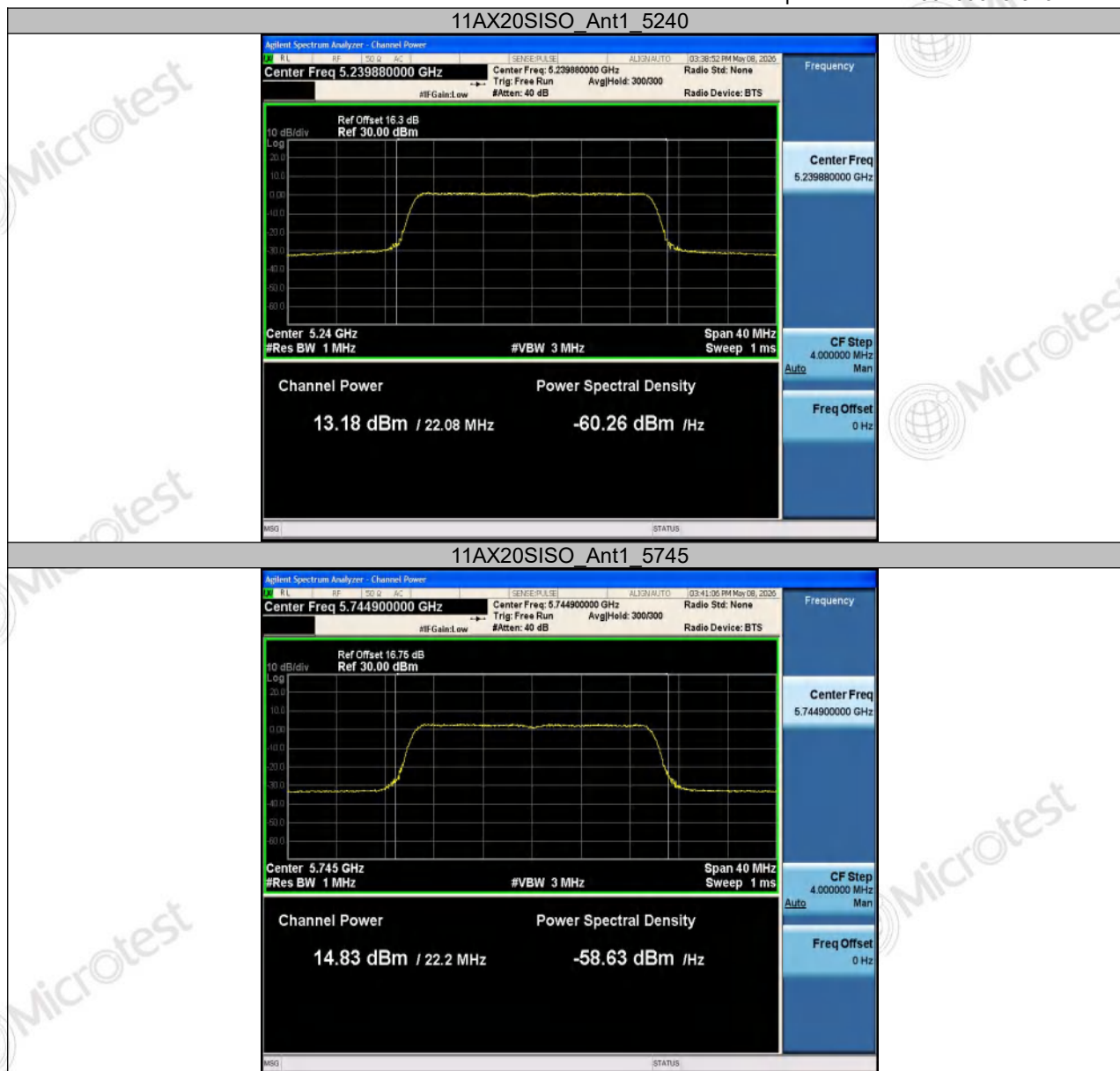
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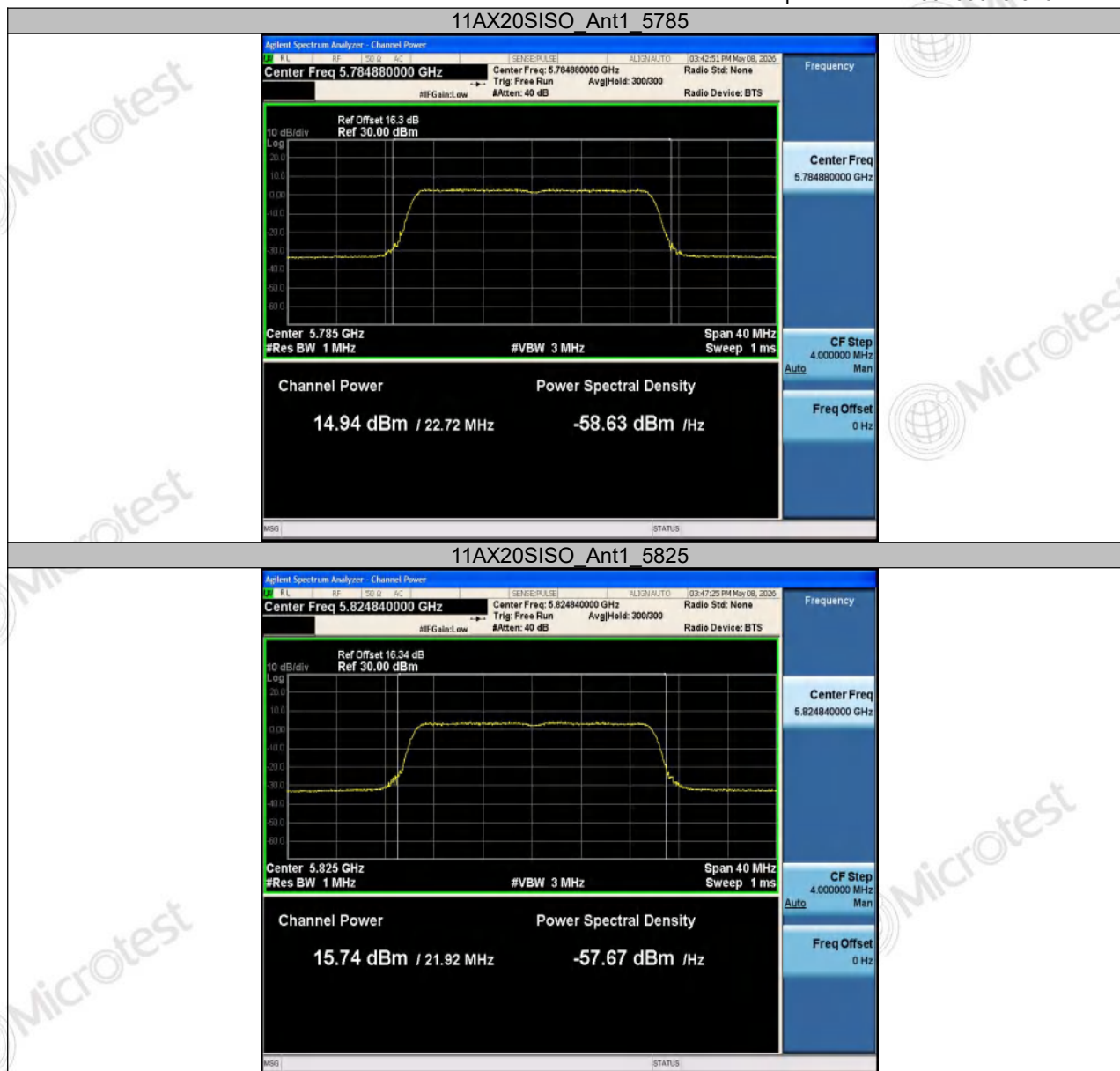
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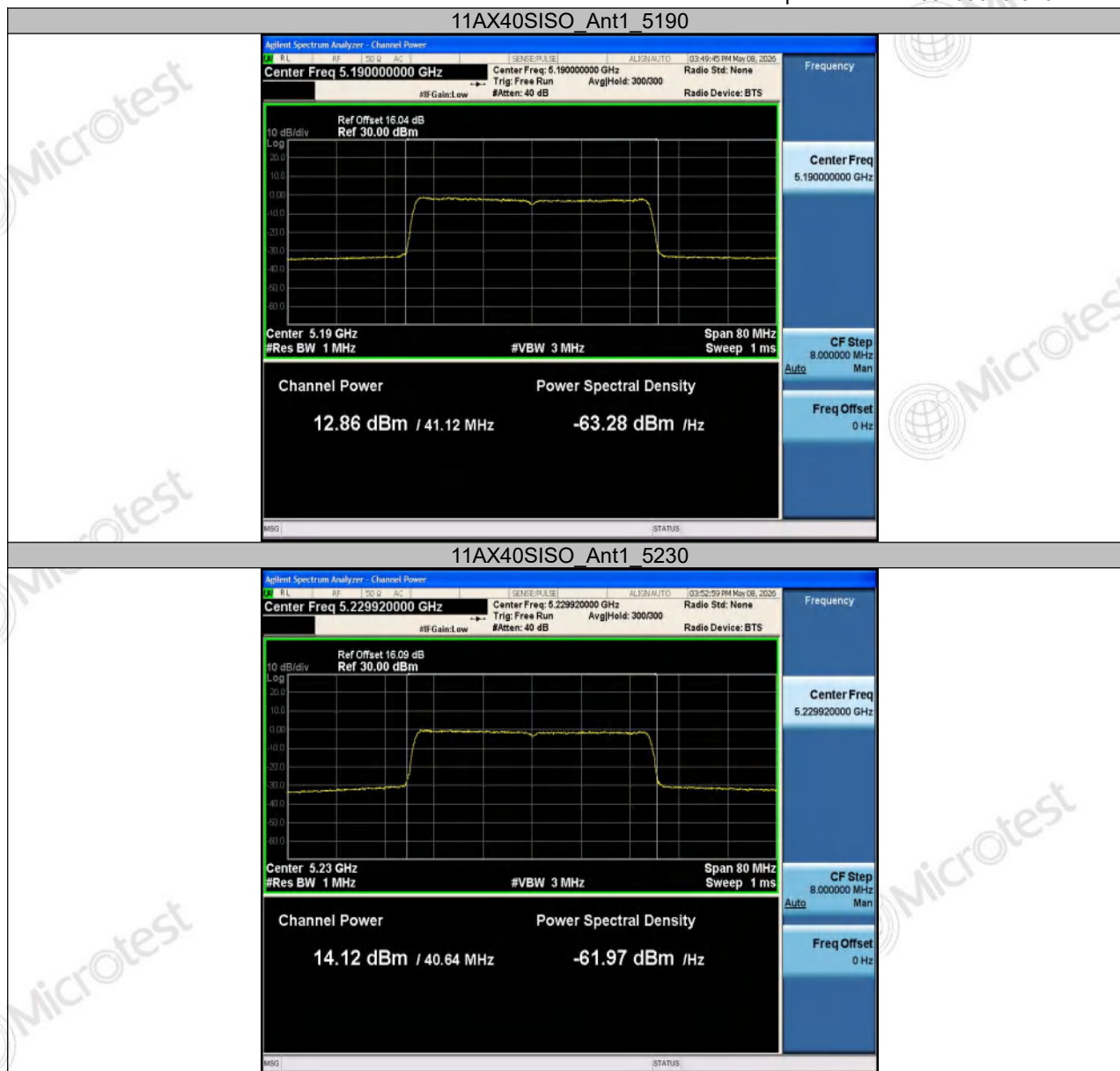
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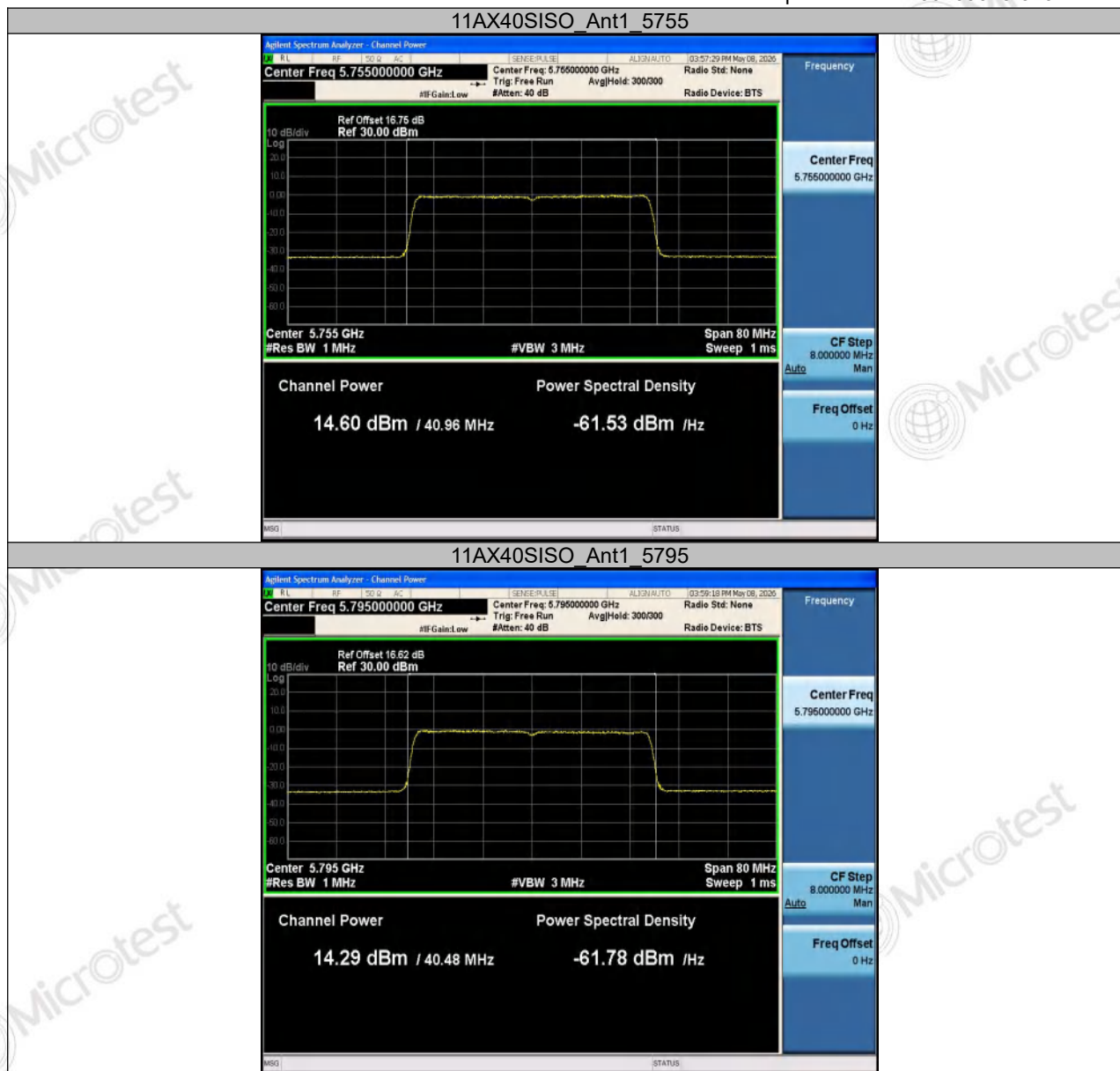
TEST REPORT

Report No.: MTi260409013-0102E4



TEST REPORT

Report No.: MTI260409013-0102E4



TEST REPORT

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Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	2.55	≤11.00	PASS
		5200	1.04	≤11.00	PASS
		5240	1.68	≤11.00	PASS
		5745	3.3	≤30.00	PASS
		5785	3.56	≤30.00	PASS
		5825	3.24	≤30.00	PASS
11N20SISO	Ant1	5180	1.88	≤11.00	PASS
		5200	1.27	≤11.00	PASS
		5240	2.61	≤11.00	PASS
		5745	2.39	≤30.00	PASS
		5785	3.59	≤30.00	PASS
		5825	3.71	≤30.00	PASS
11N40SISO	Ant1	5190	-0.95	≤11.00	PASS
		5230	0.5	≤11.00	PASS
		5755	0.28	≤30.00	PASS
		5795	-0.17	≤30.00	PASS
11AC20SISO	Ant1	5180	2.62	≤11.00	PASS
		5200	1.29	≤11.00	PASS
		5240	2	≤11.00	PASS
		5745	3.39	≤30.00	PASS
		5785	6.86	≤30.00	PASS
		5825	3.02	≤30.00	PASS
11AC40SISO	Ant1	5190	-1.31	≤11.00	PASS
		5230	0.42	≤11.00	PASS
		5755	-1.98	≤30.00	PASS
		5795	-0.5	≤30.00	PASS
11AX20SISO	Ant1	5180	1.91	≤11.00	PASS
		5200	1.62	≤11.00	PASS
		5240	2.17	≤11.00	PASS
		5745	3.99	≤30.00	PASS
		5785	3.39	≤30.00	PASS
		5825	3.27	≤30.00	PASS
11AX40SISO	Ant1	5190	-0.52	≤11.00	PASS
		5230	0.22	≤11.00	PASS
		5755	-0.42	≤30.00	PASS
		5795	-0.66	≤30.00	PASS

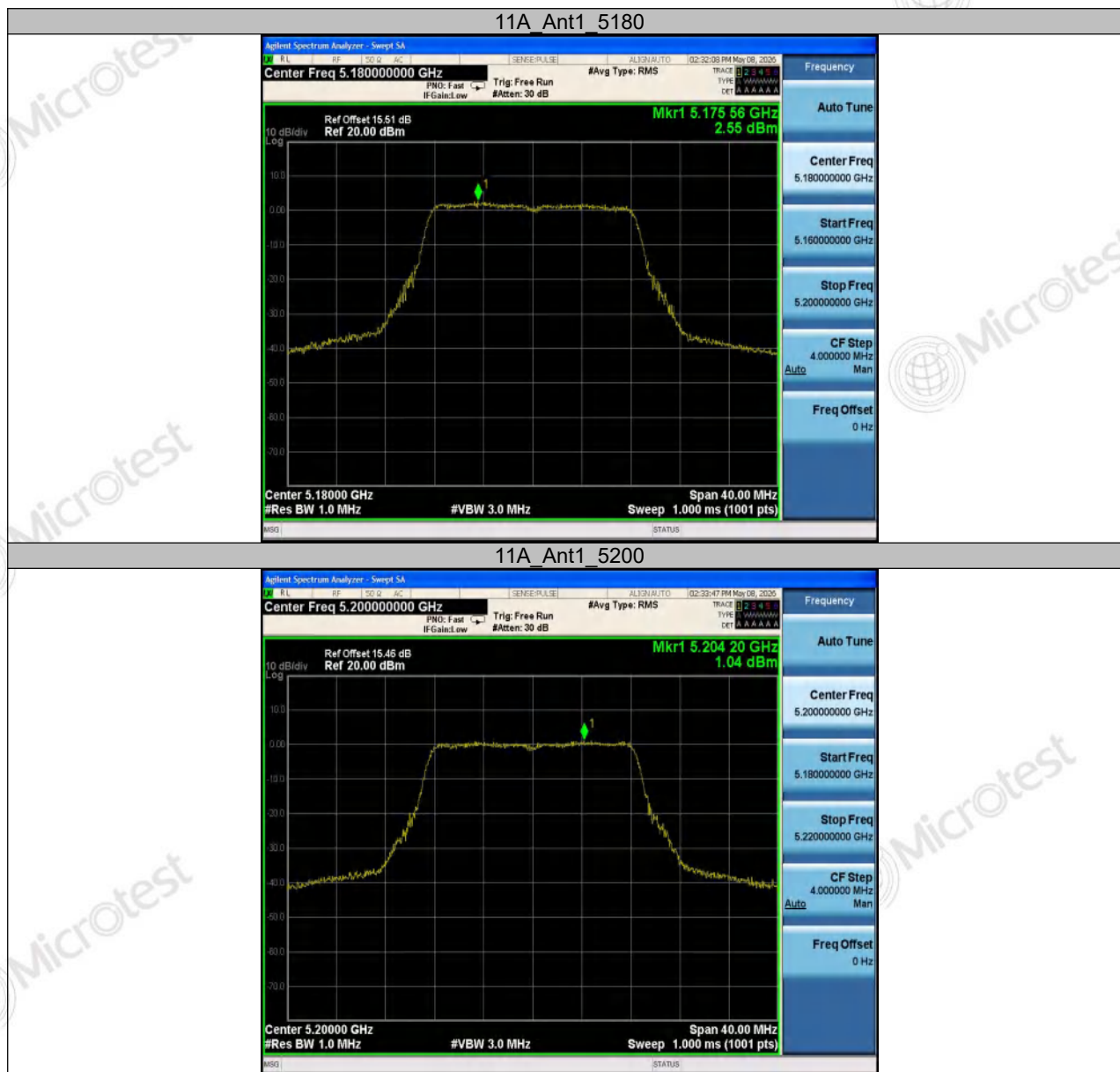
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

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Test Graphs



TEST REPORT

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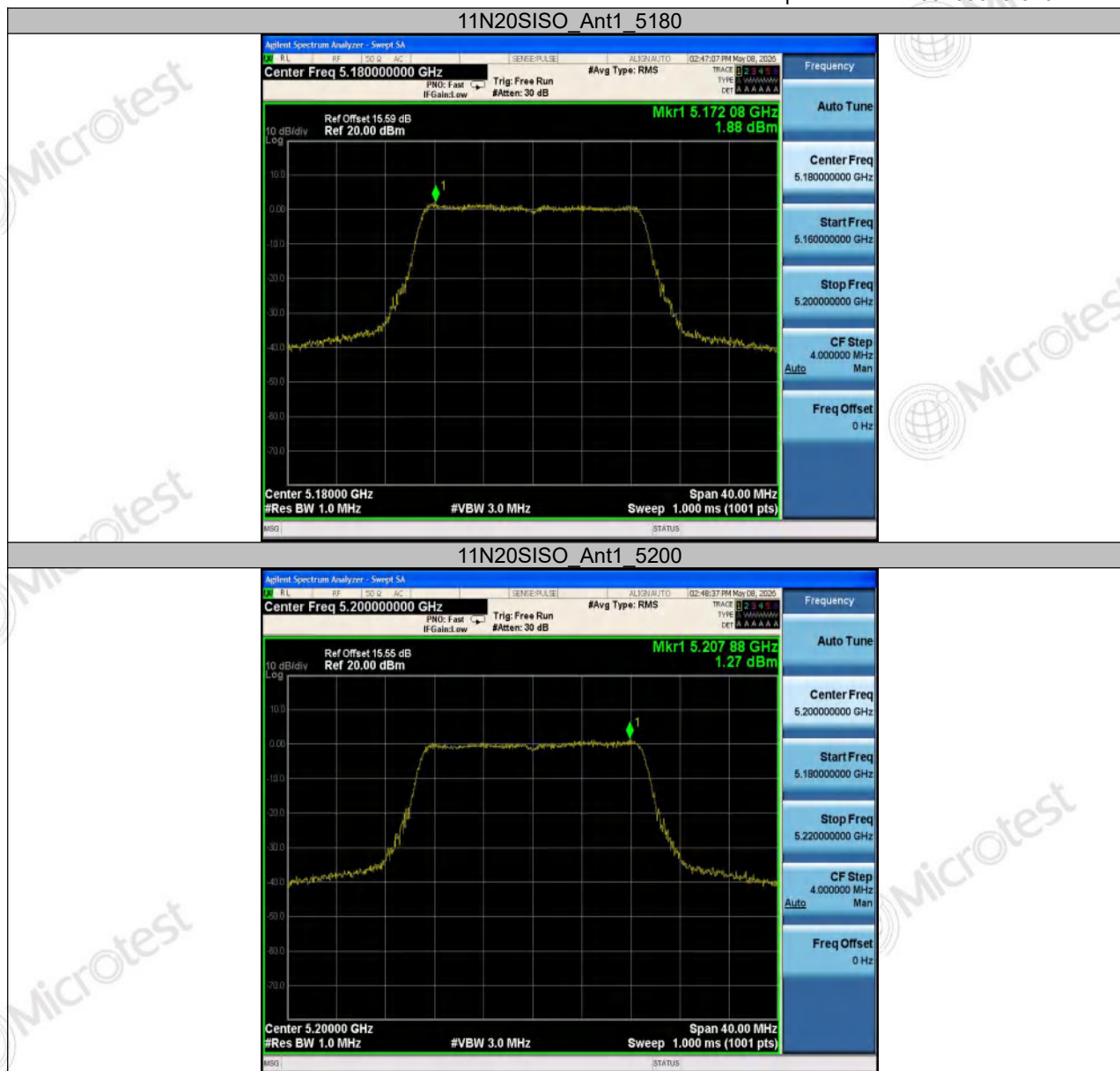
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TEST REPORT

Report No.: MTi260409013-0102E4



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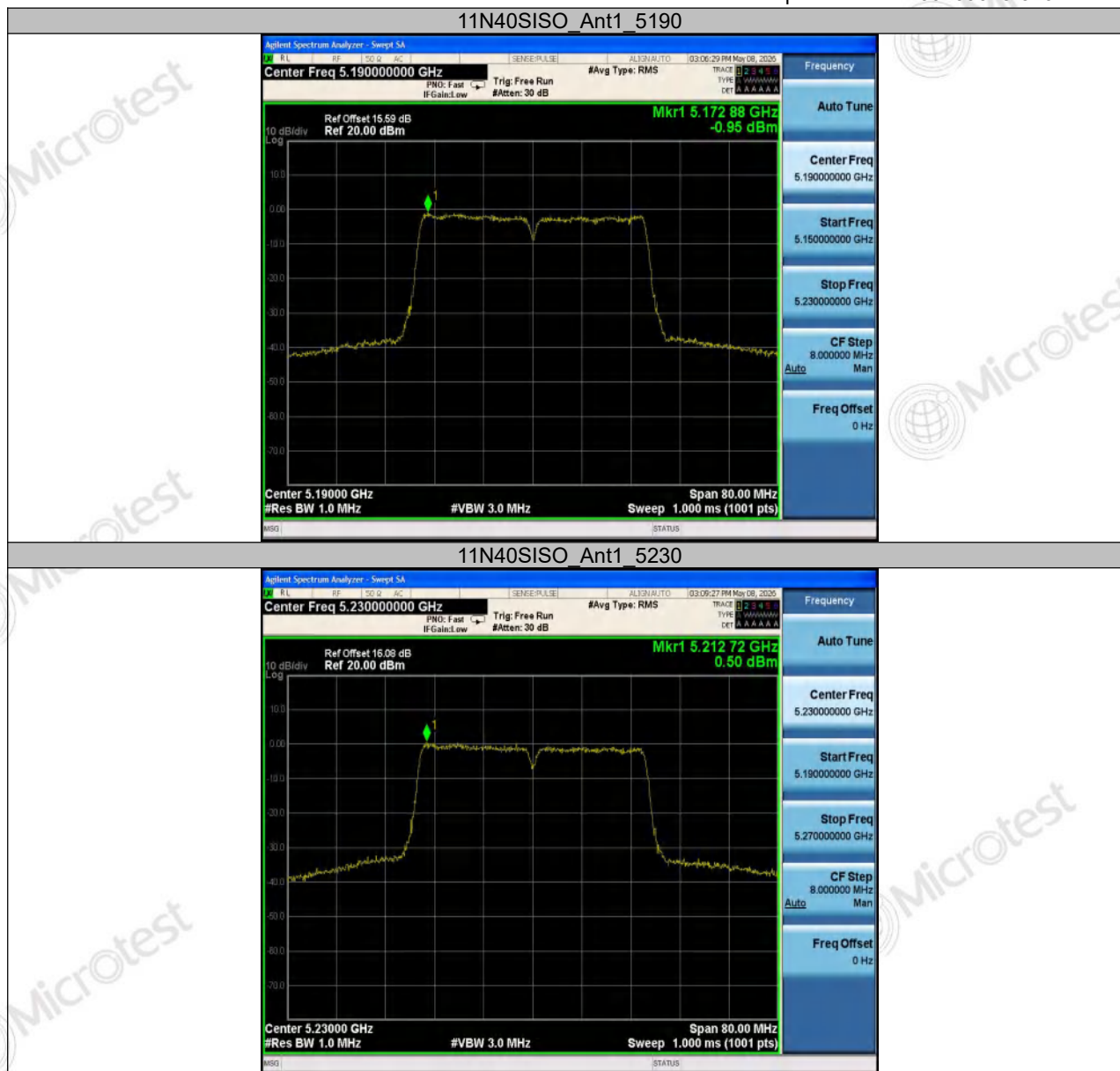
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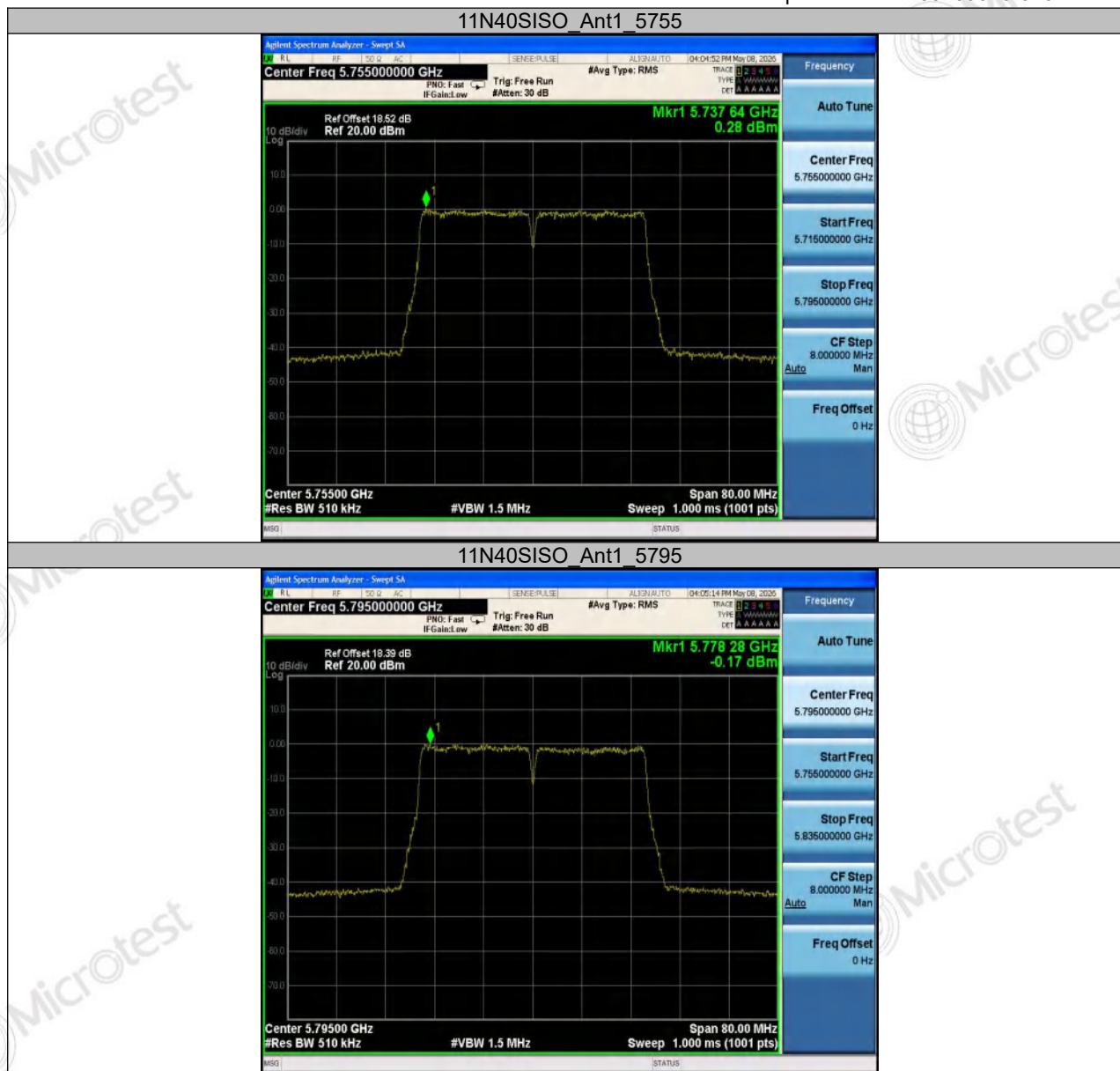
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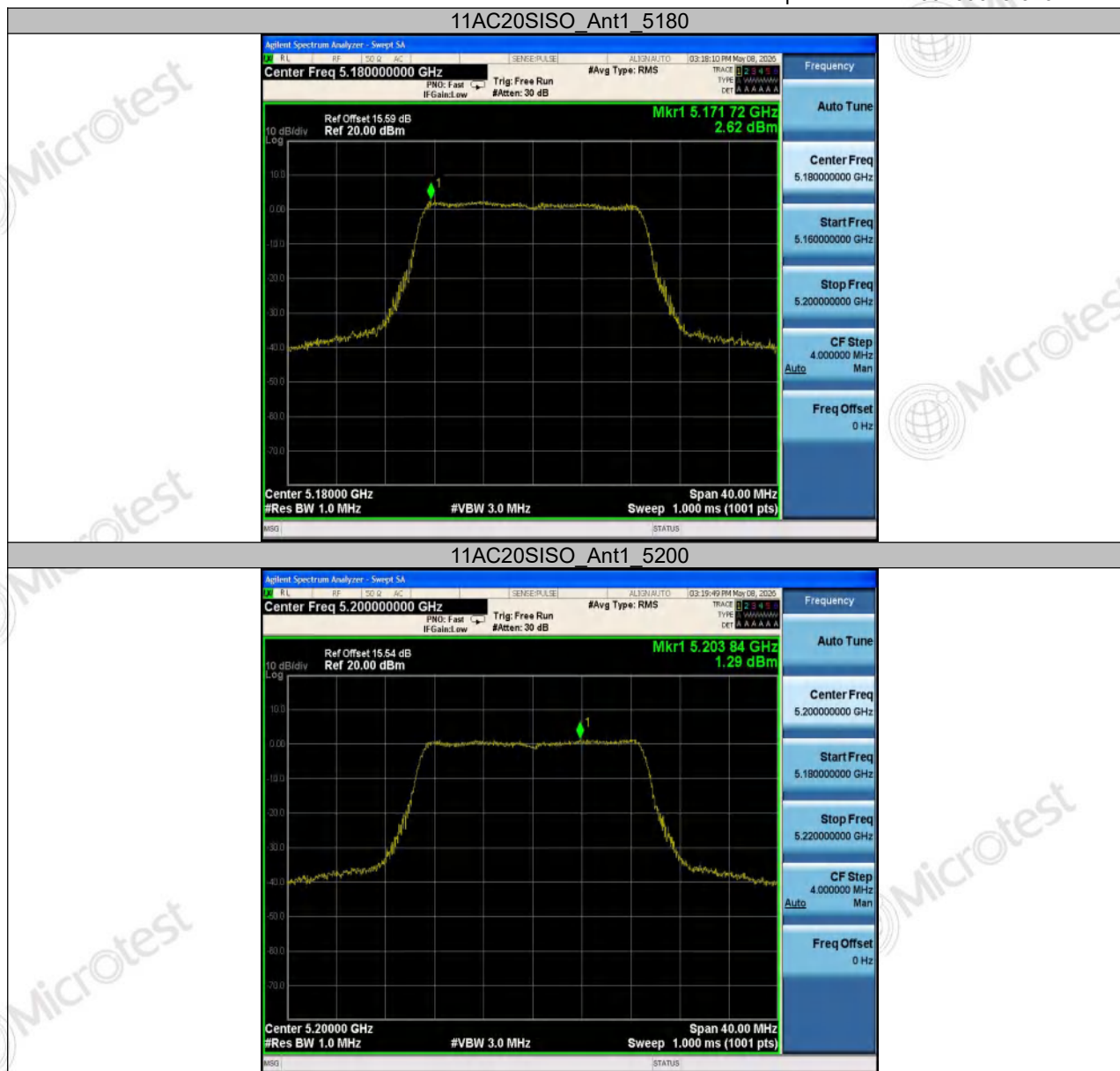
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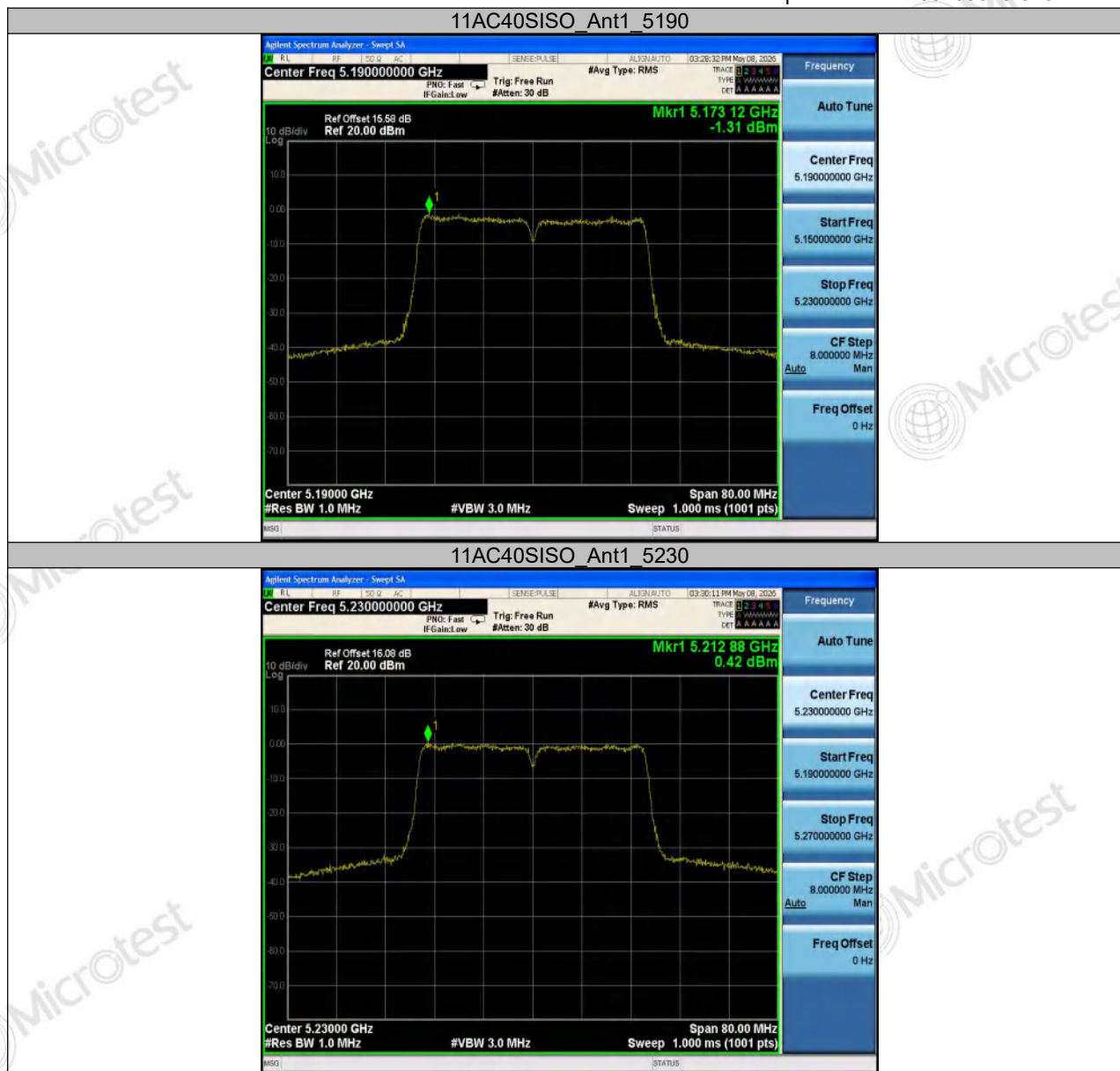
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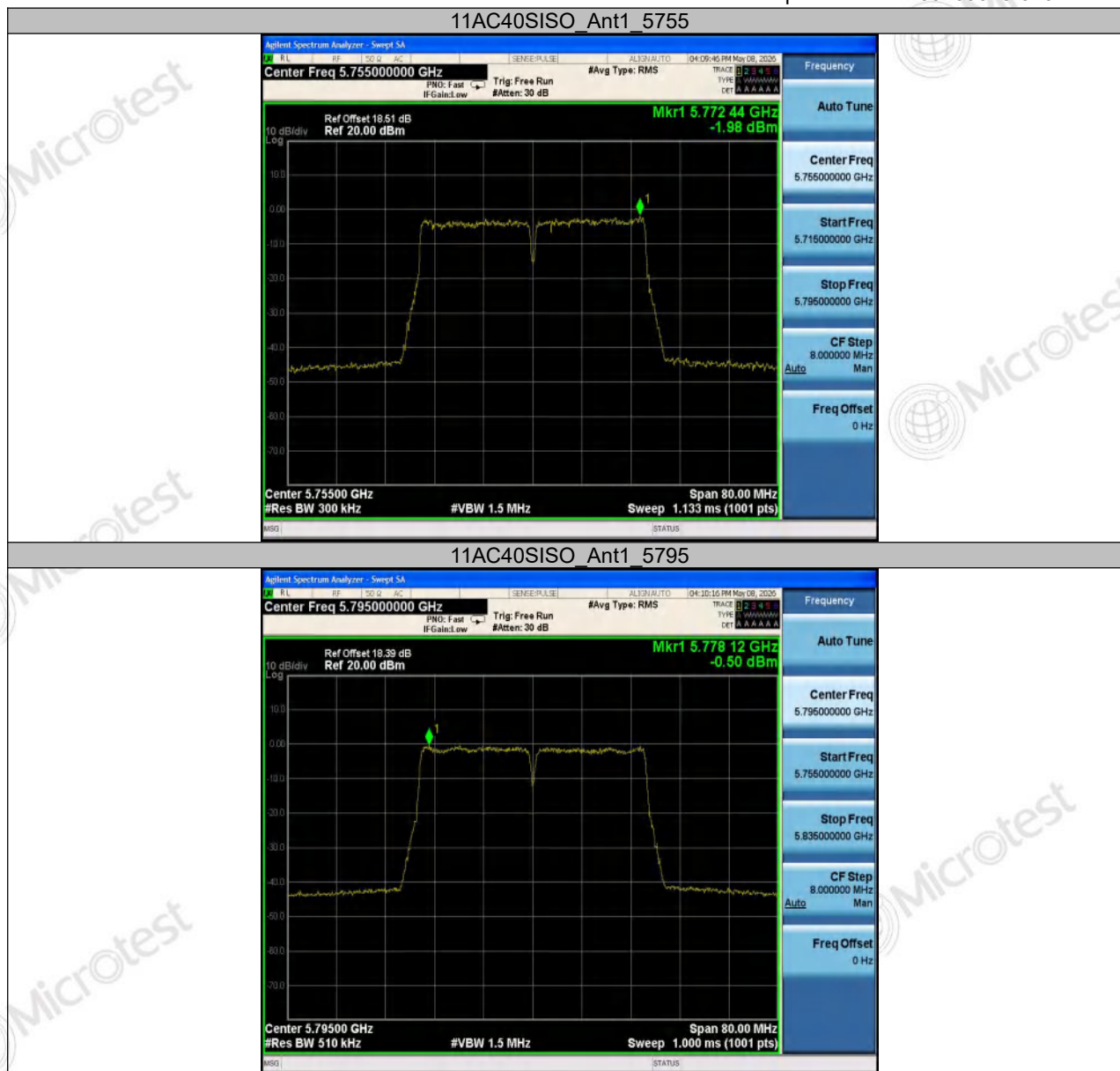
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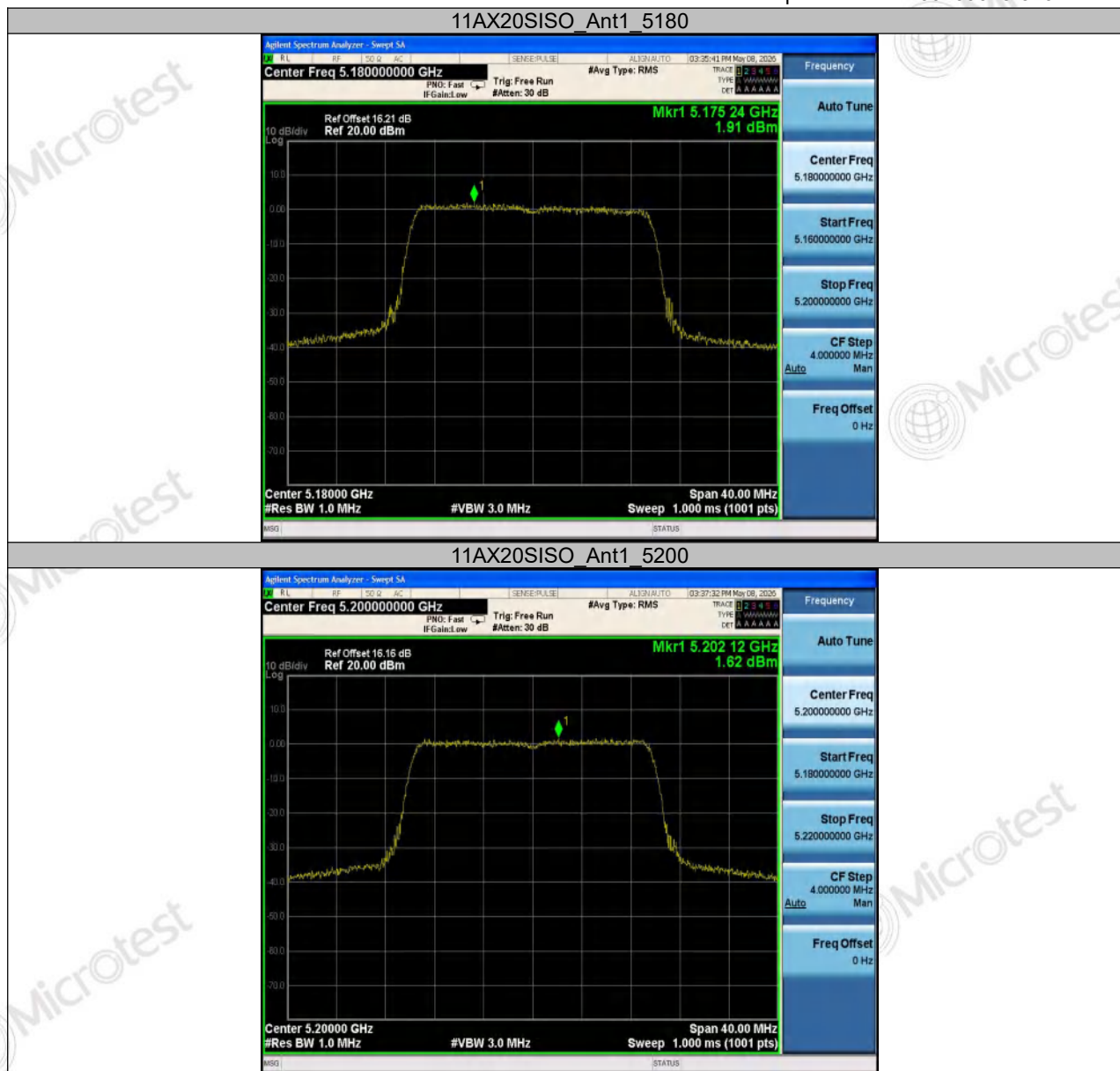
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TEST REPORT

Report No.: MTI260409013-0102E4



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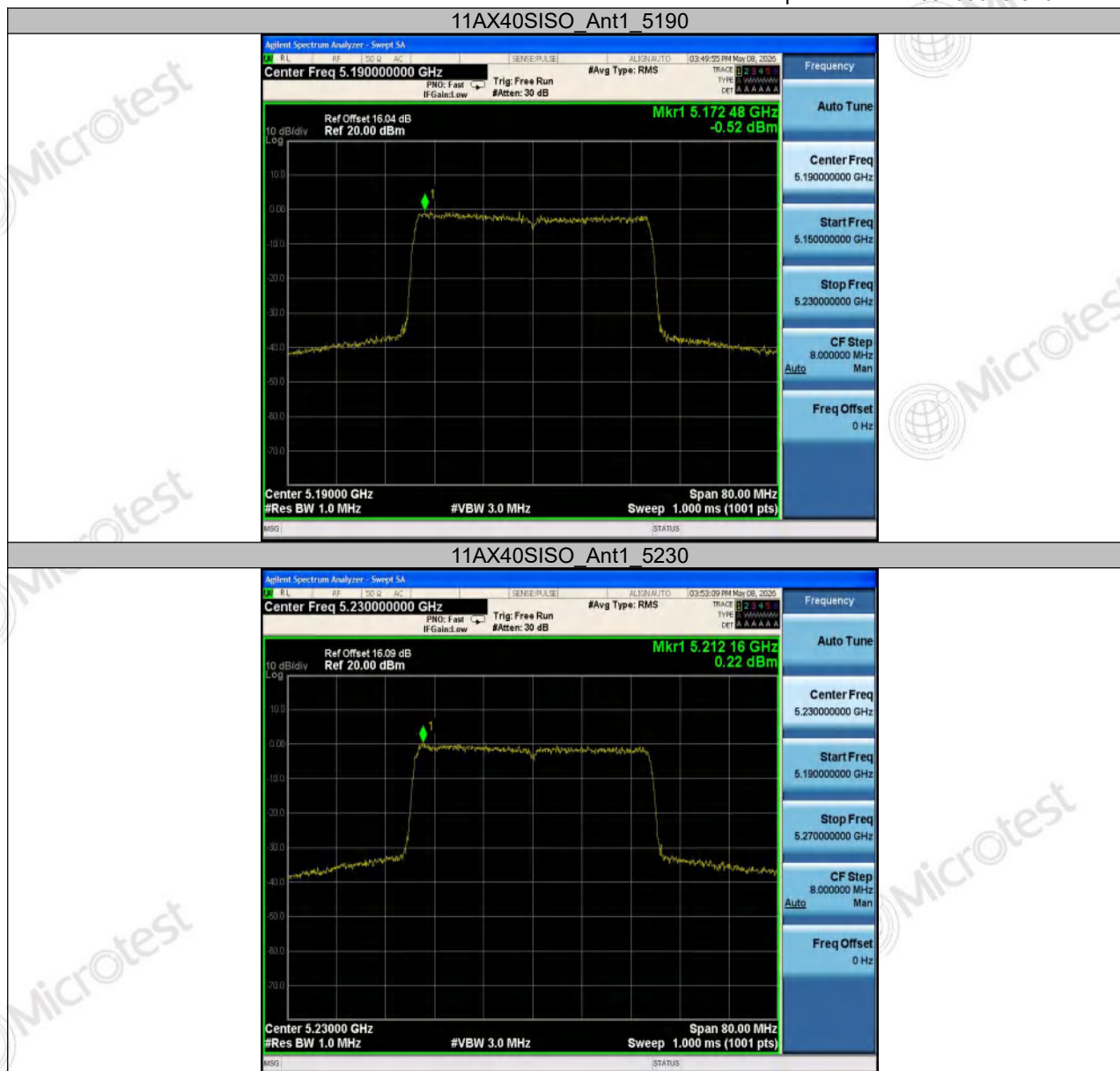
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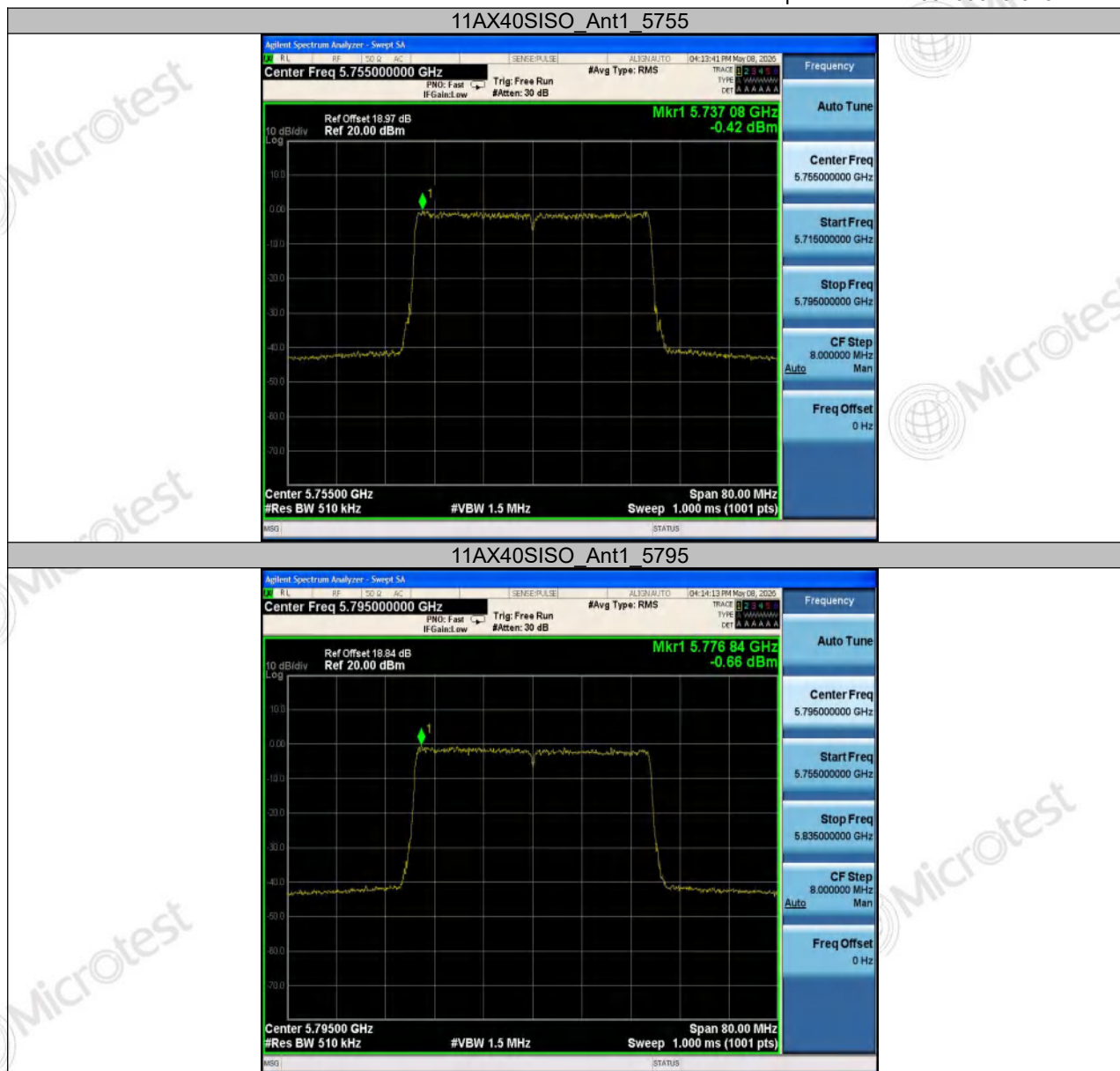
TEST REPORT

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Photographs of the Test Setup

See the Appendix – Test Setup Photos.

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Photographs of the EUT

See the Appendix - EUT Photos.

----End of Report----

TEST REPORT

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Statement

1. This report is invalid without the seal and signature of the laboratory.
2. The test results of this report are only responsible for the samples submitted. Client shall be responsible for representativeness of the sample and authenticity of the material.
3. The report shall not be partially reproduced without the written consent of the Laboratory.
4. This report is invalid if transferred, altered or tampered with in any form without authorization.
5. The observations or tests with special mark fall outside the scope of accreditation, and are only used for purpose of commission, research, training, internal quality control etc.
6. Any objection to this report shall be submitted to the laboratory within 15 days from the date of receipt of the report.

***** END OF REPORT *****