

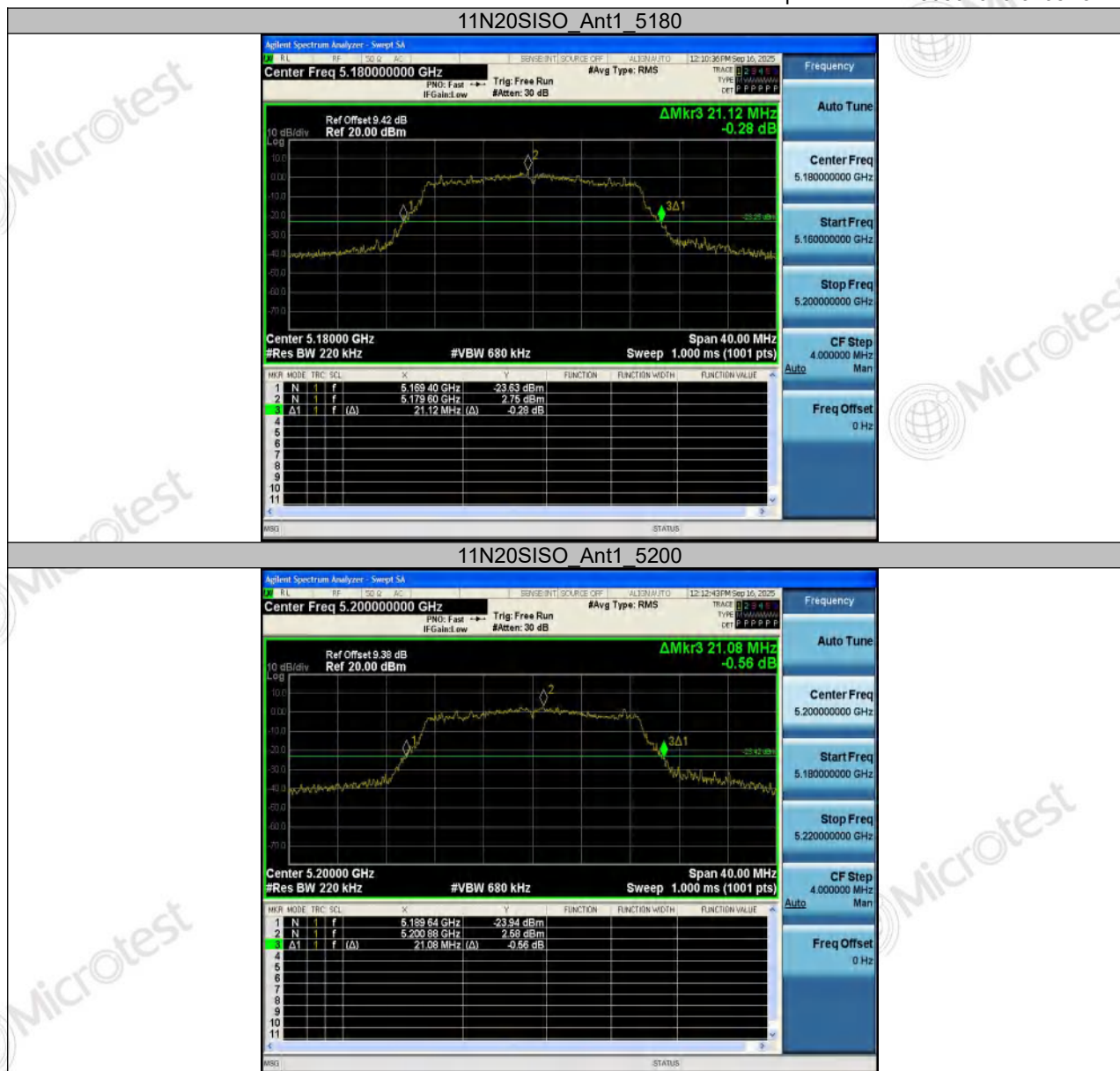
TEST REPORT

Report No.: MTI250807016-0108E3



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TEST REPORT

Report No.: MTI250807016-0108E3



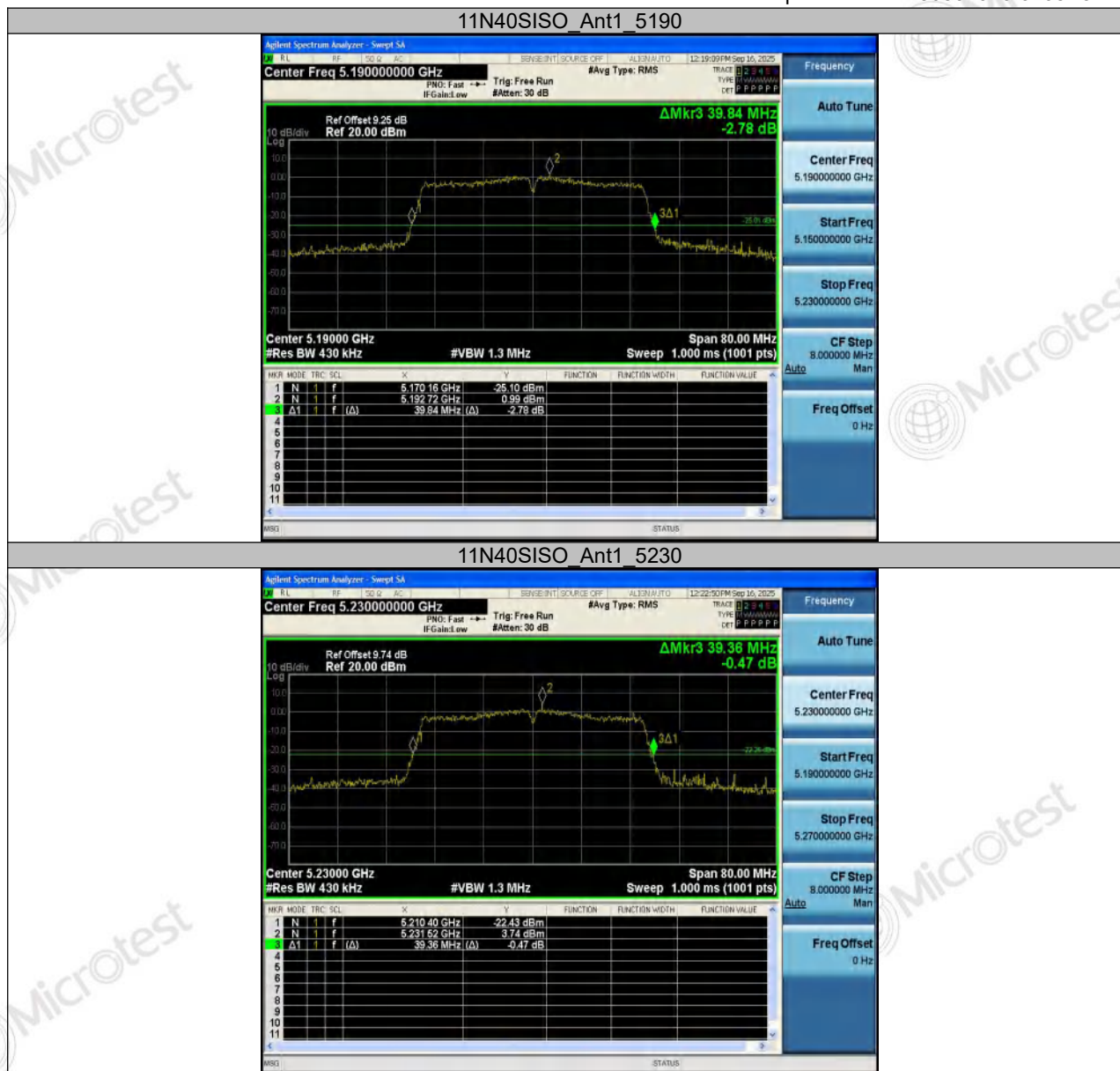
TEST REPORT

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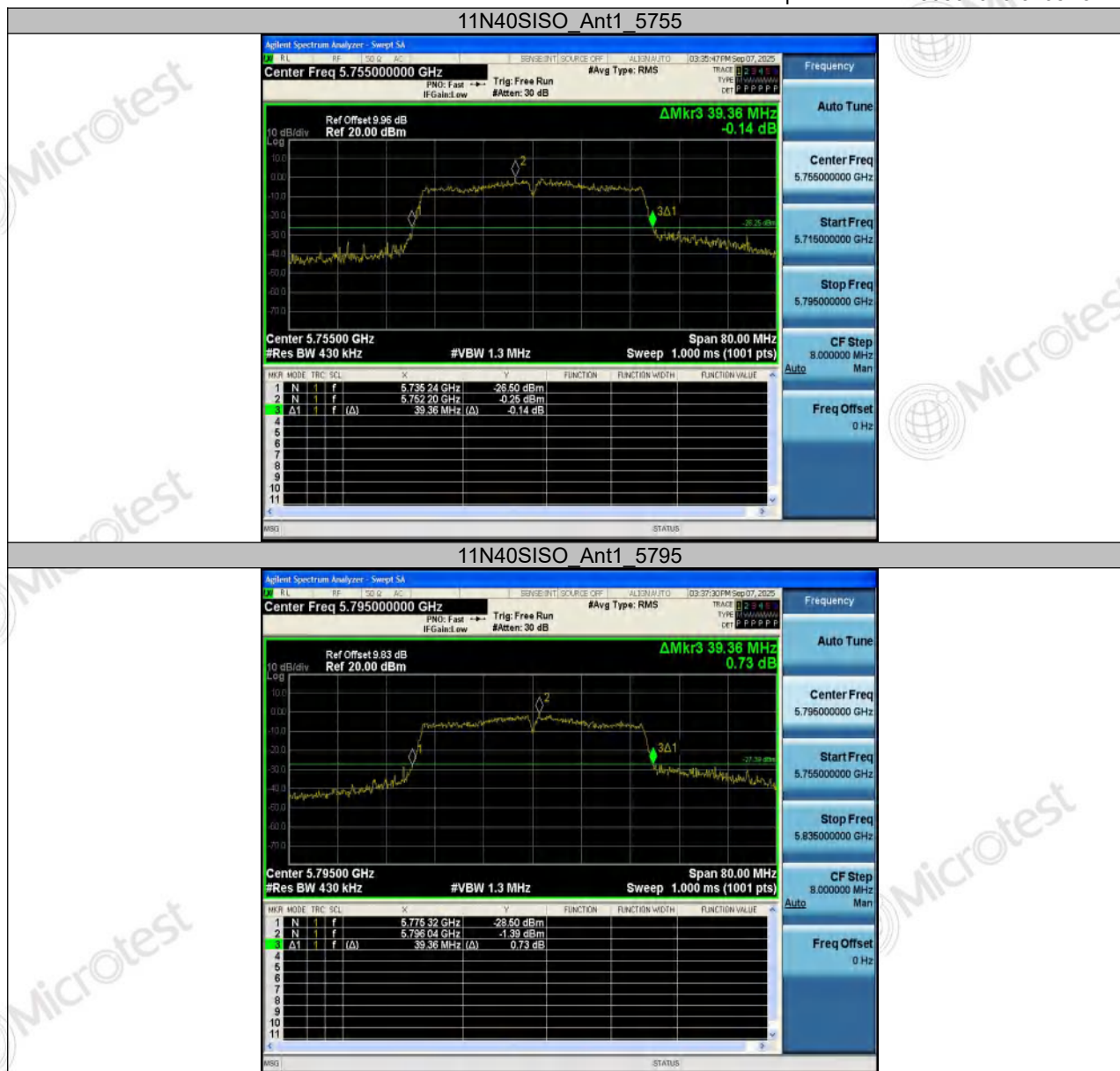
TEST REPORT

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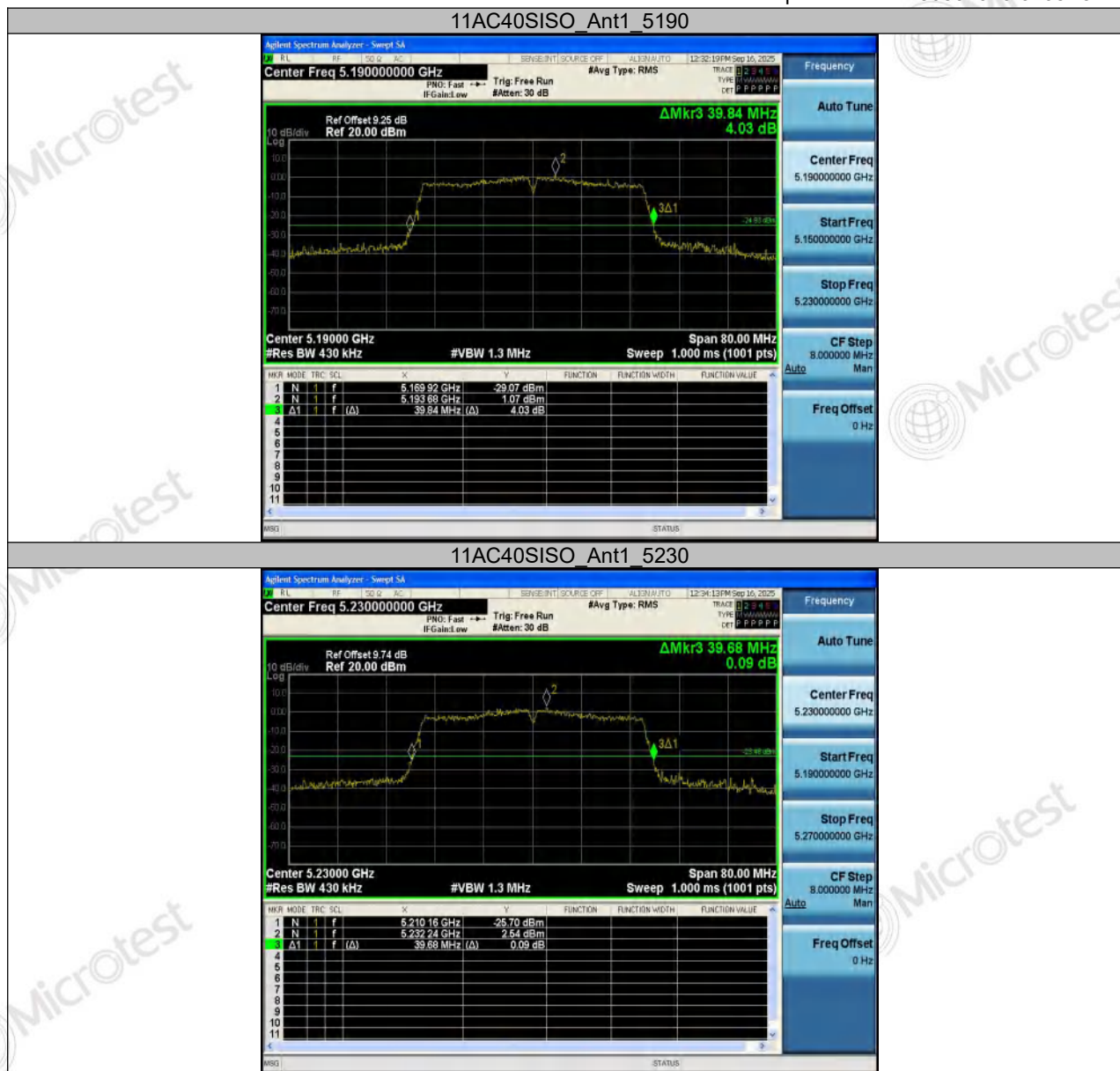
TEST REPORT

Report No.: MTI250807016-0108E3



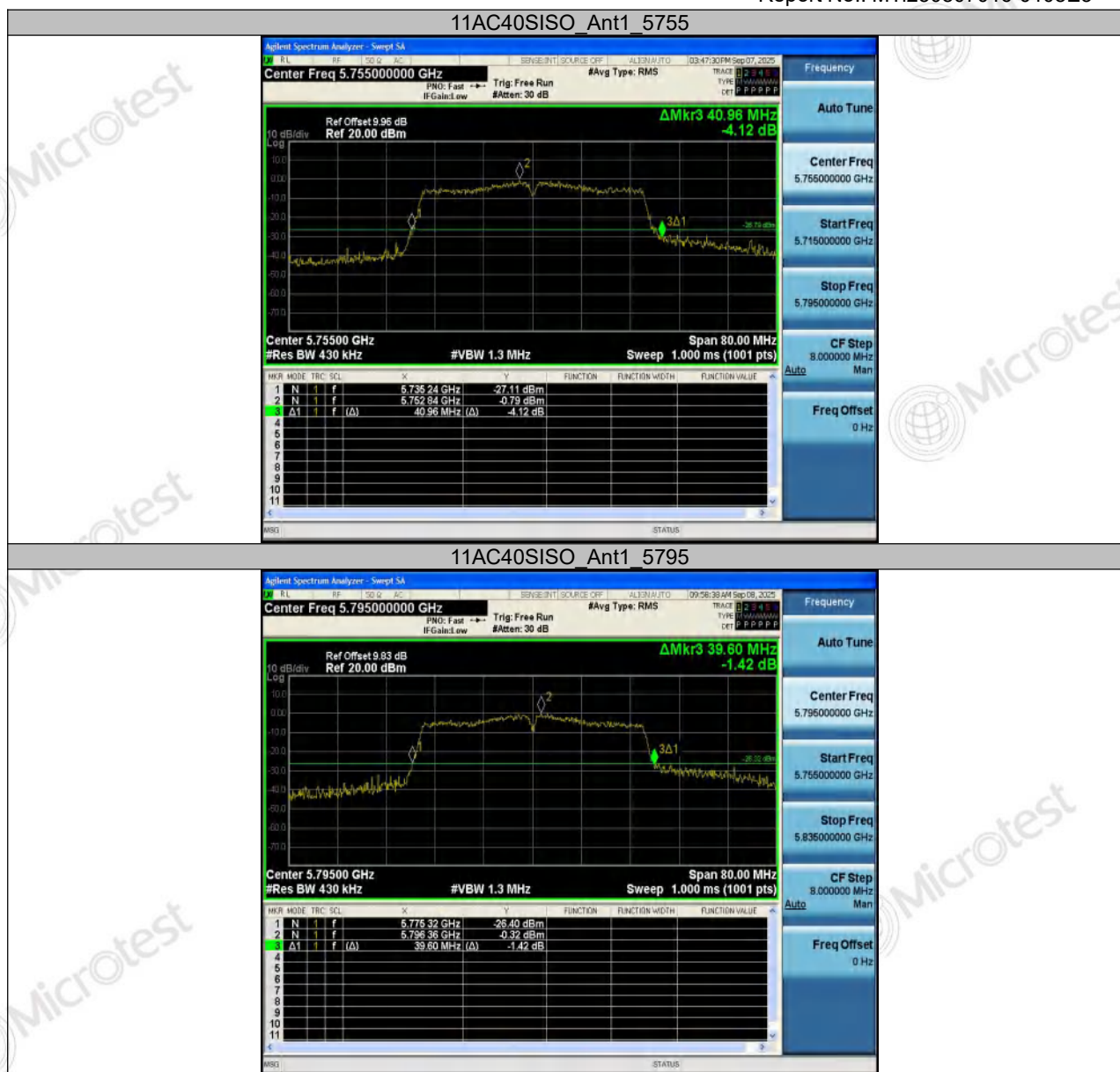
TEST REPORT

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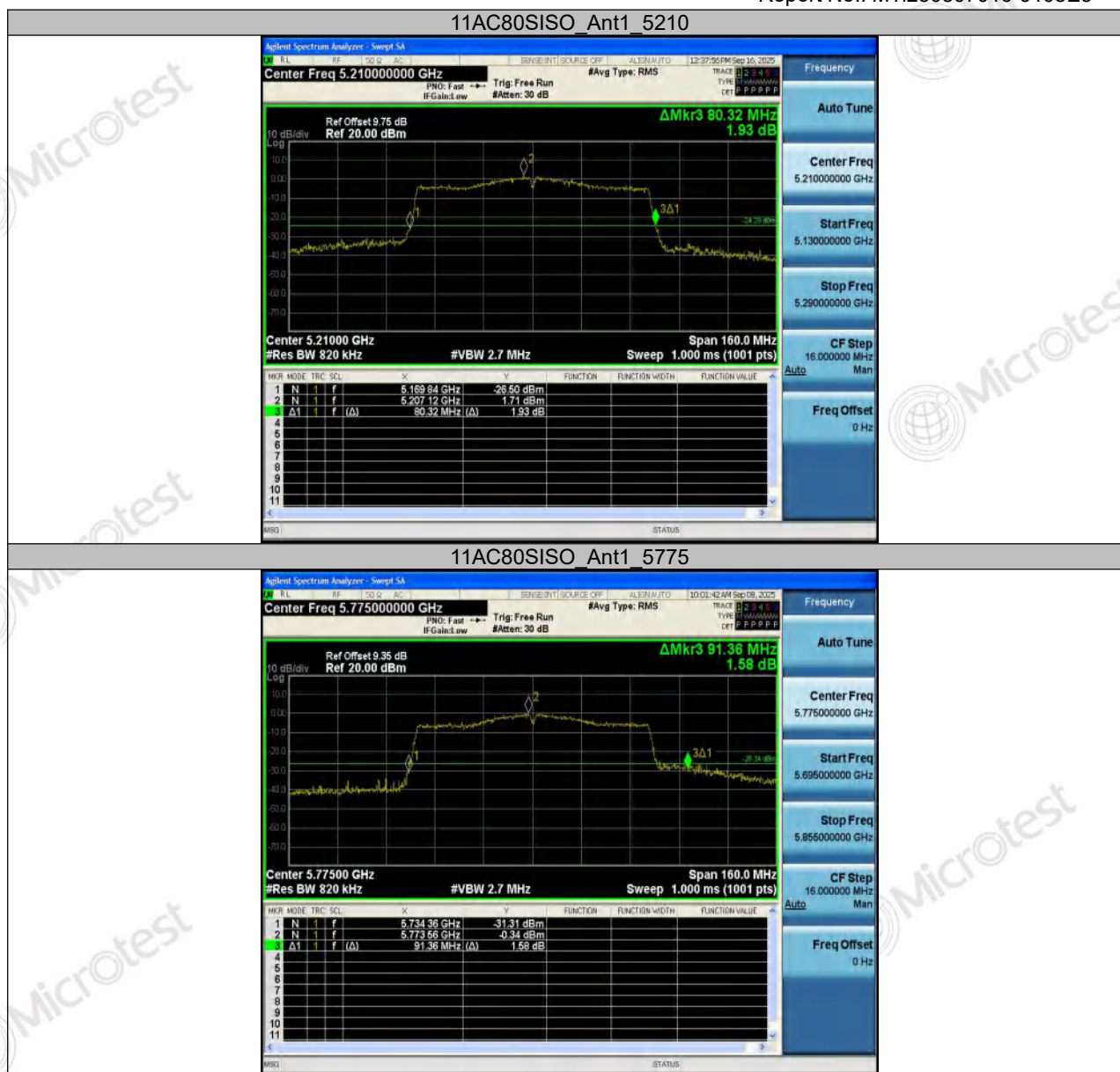
TEST REPORT

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TEST REPORT

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6.8 Appendix A2: Occupied channel bandwidth

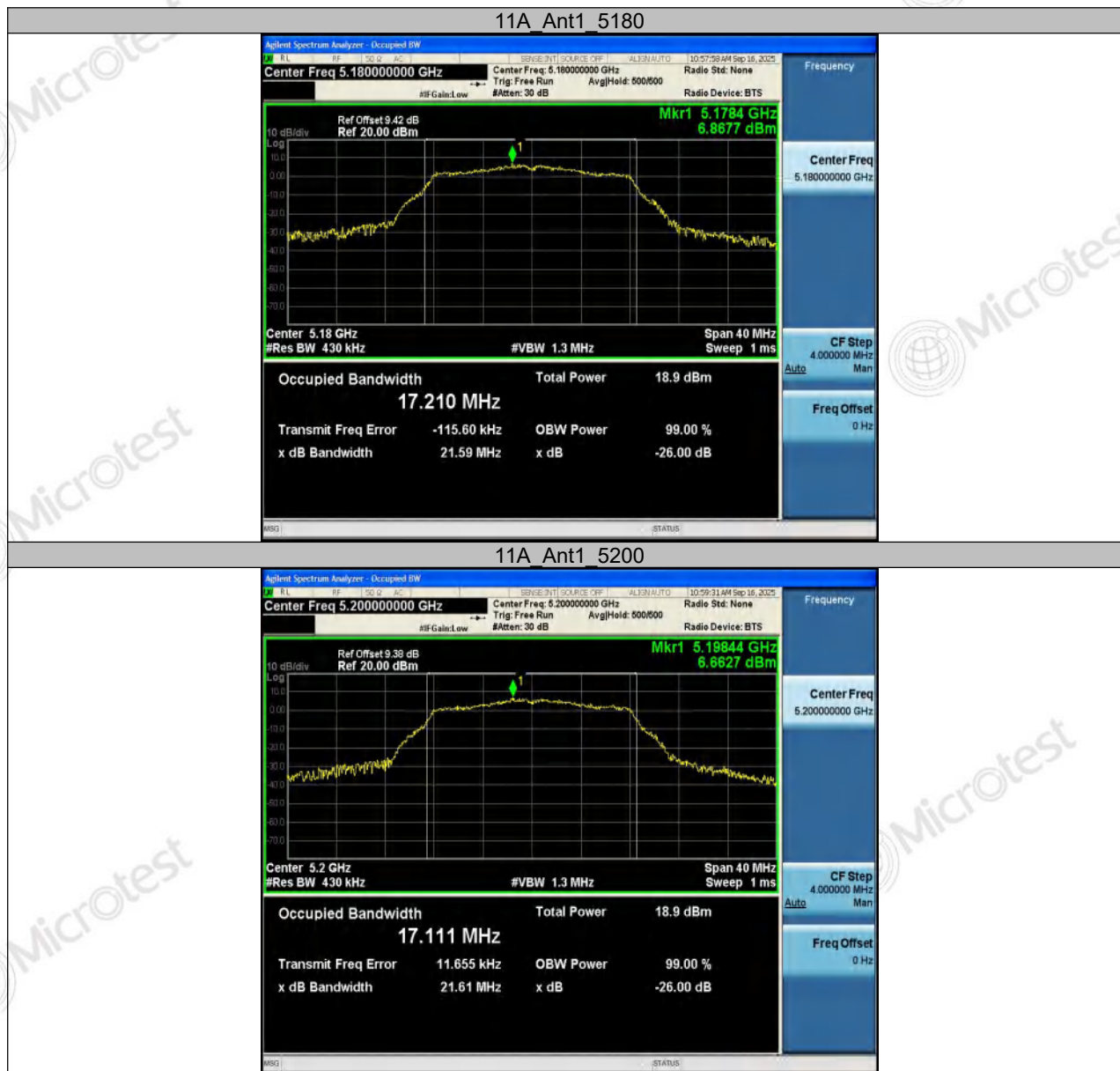
6.8.1 Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11A	Ant1	5180	17.210	5171.2794	5188.4894
		5200	17.111	5191.4562	5208.5672
		5240	17.179	5231.3687	5248.5477
		5745	17.478	5736.1046	5753.5826
		5785	17.306	5776.2714	5793.5774
		5825	17.228	5816.3458	5833.5738
11N20SISO	Ant1	5180	18.201	5170.8501	5189.0511
		5200	18.137	5190.9927	5209.1297
		5240	18.156	5230.9196	5249.0756
		5745	18.339	5735.8072	5754.1462
		5785	18.316	5775.8491	5794.1651
		5825	18.260	5815.9205	5834.1805
11N40SISO	Ant1	5190	36.548	5171.7599	5208.3079
		5230	36.384	5211.7742	5248.1582
		5755	36.563	5736.8253	5773.3883
		5795	36.550	5776.8186	5813.3686
11AC20SISO	Ant1	5180	18.234	5170.8371	5189.0711
		5200	18.213	5190.9368	5209.1498
		5240	18.204	5230.9187	5249.1227
		5745	18.297	5735.8336	5754.1306
		5785	18.345	5775.8215	5794.1665
		5825	18.132	5815.9650	5834.0970
11AC40SISO	Ant1	5190	36.512	5171.7544	5208.2664
		5230	36.377	5211.8258	5248.2028
		5755	36.561	5736.8225	5773.3835
		5795	36.519	5776.8251	5813.3441
11AC80SISO	Ant1	5210	75.324	5172.3811	5247.7051
		5775	75.626	5737.4507	5813.0767

TEST REPORT

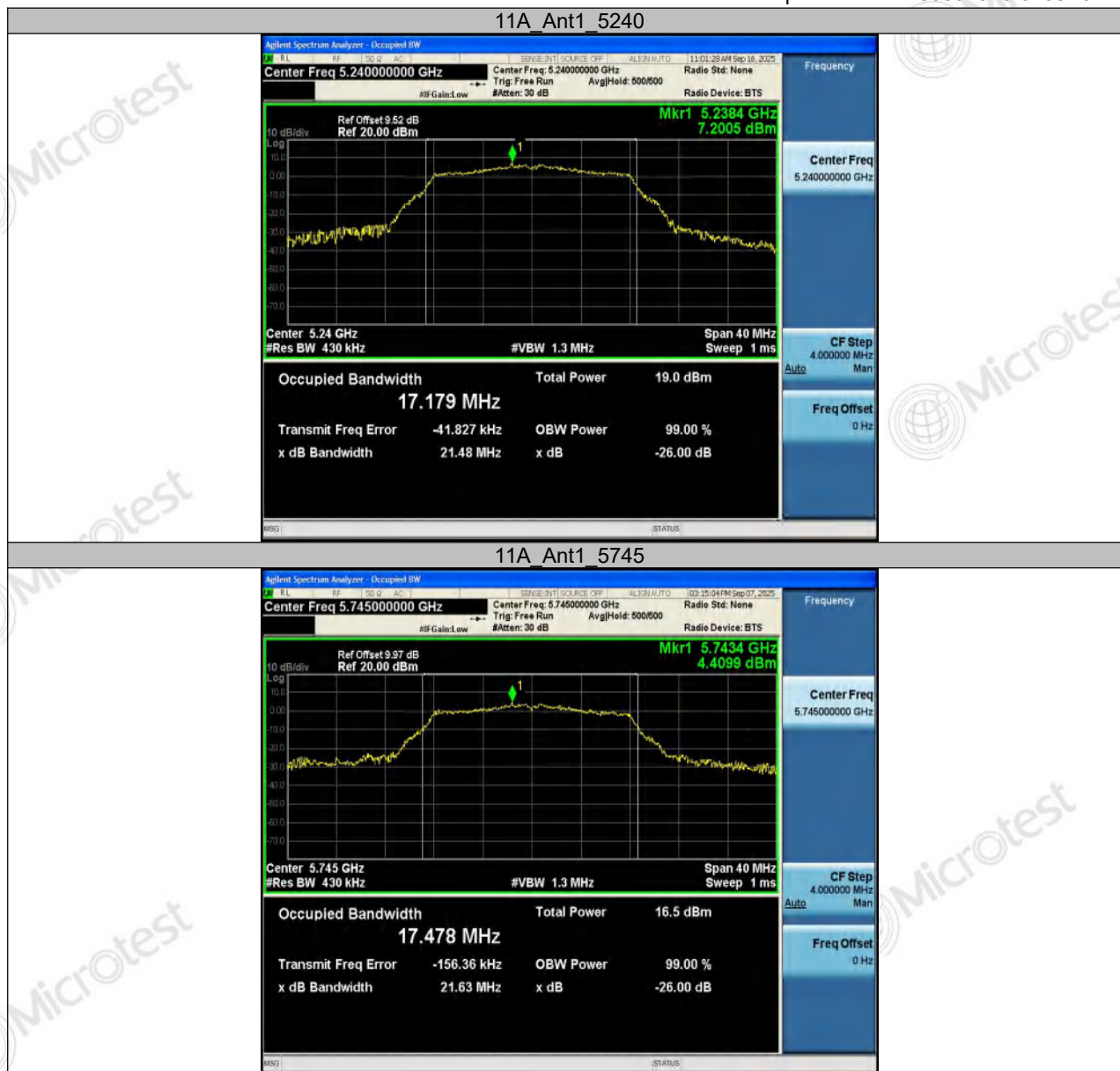
Report No.: MTi250807016-0108E3

6.8.2 Test Graphs



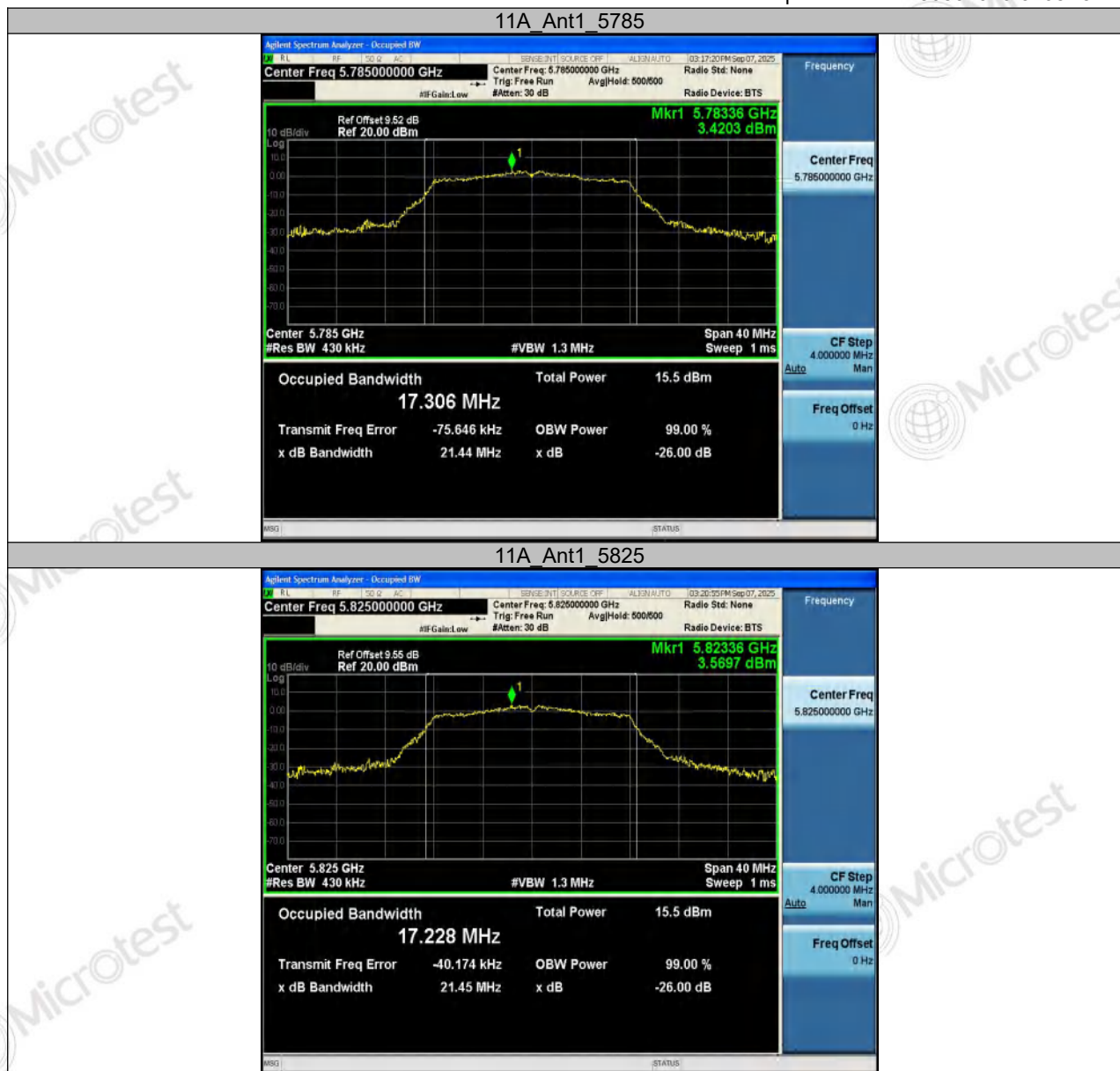
TEST REPORT

Report No.: MTi250807016-0108E3



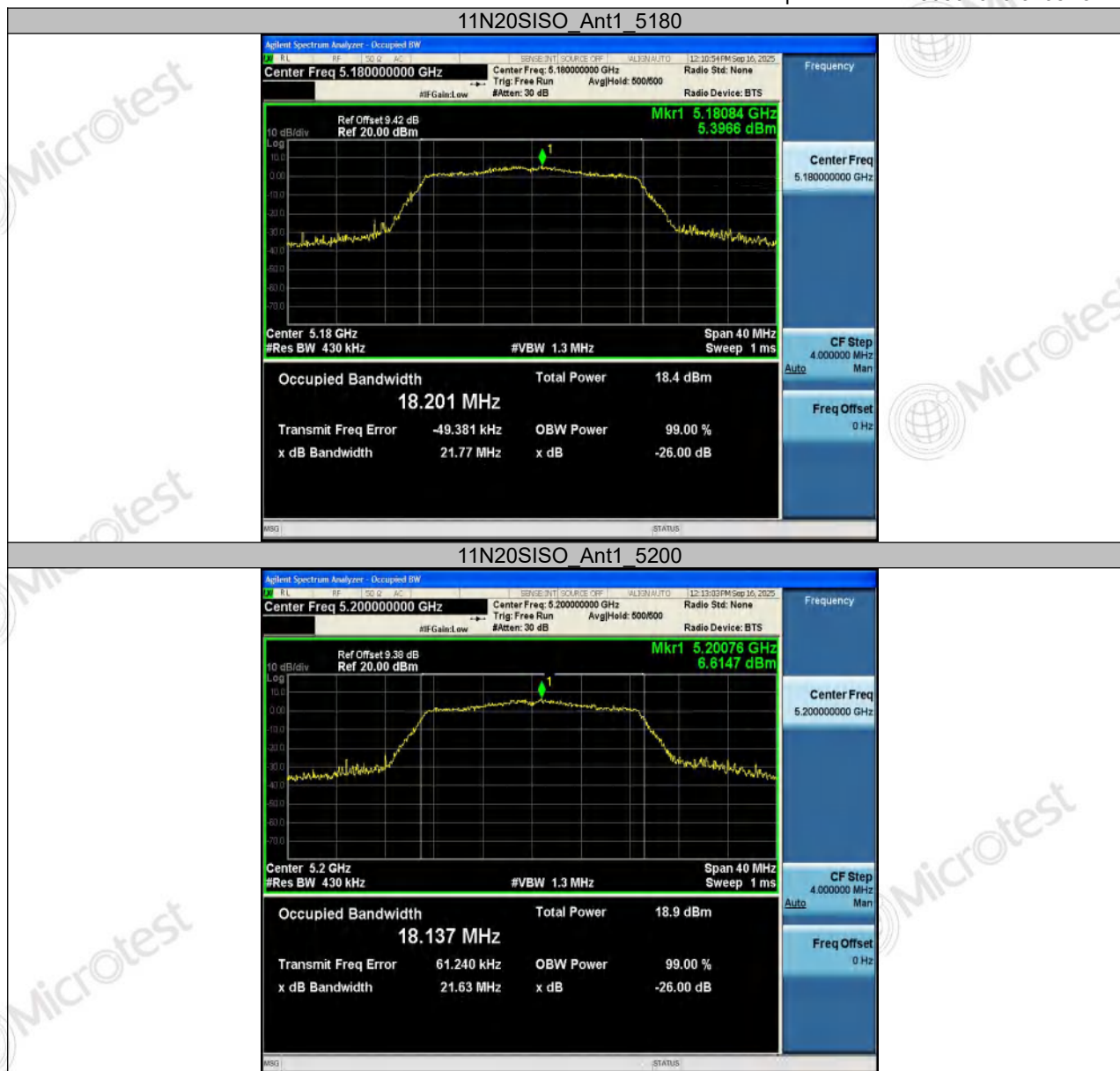
TEST REPORT

Report No.: MTi250807016-0108E3



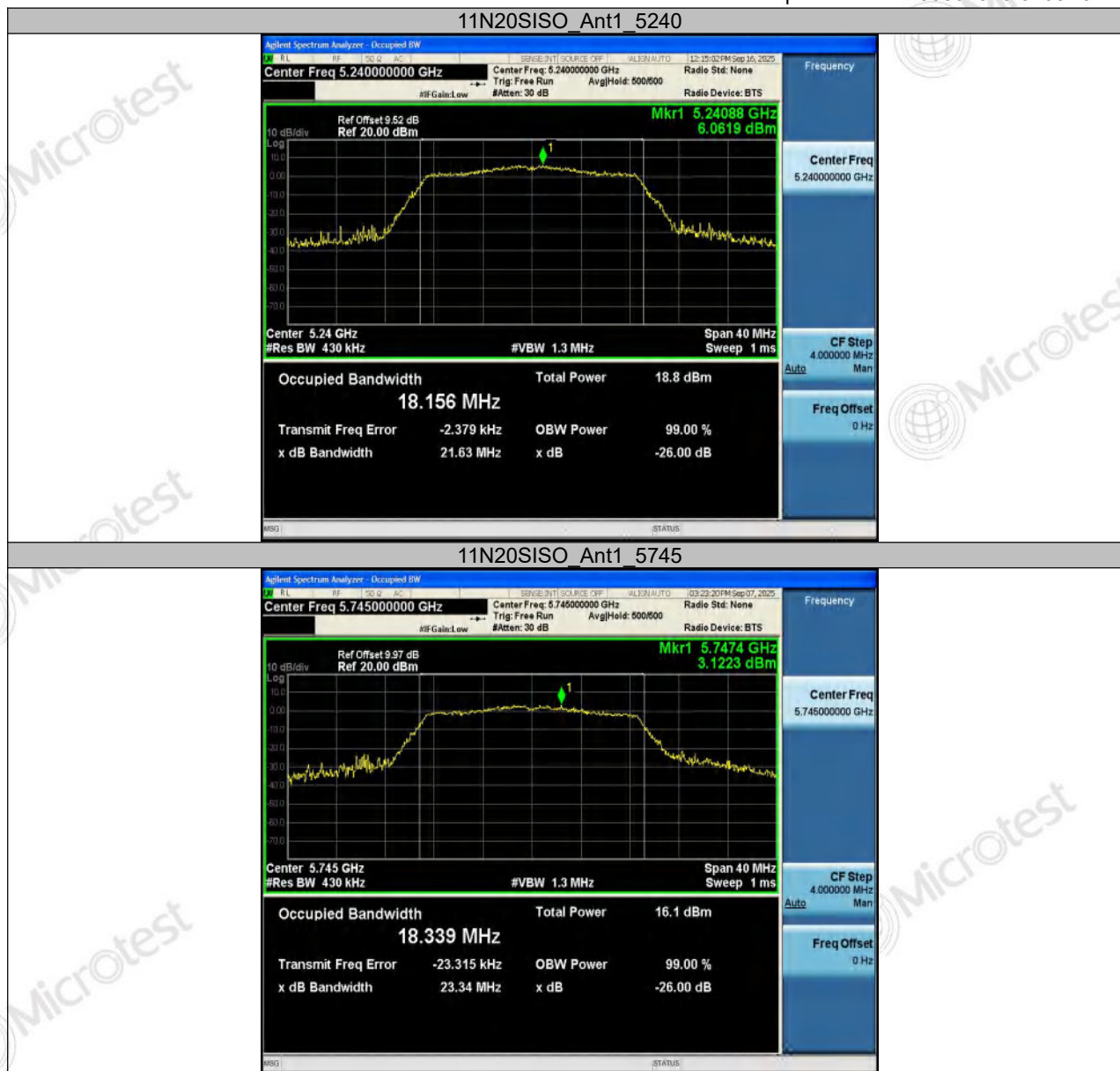
TEST REPORT

Report No.: MTi250807016-0108E3



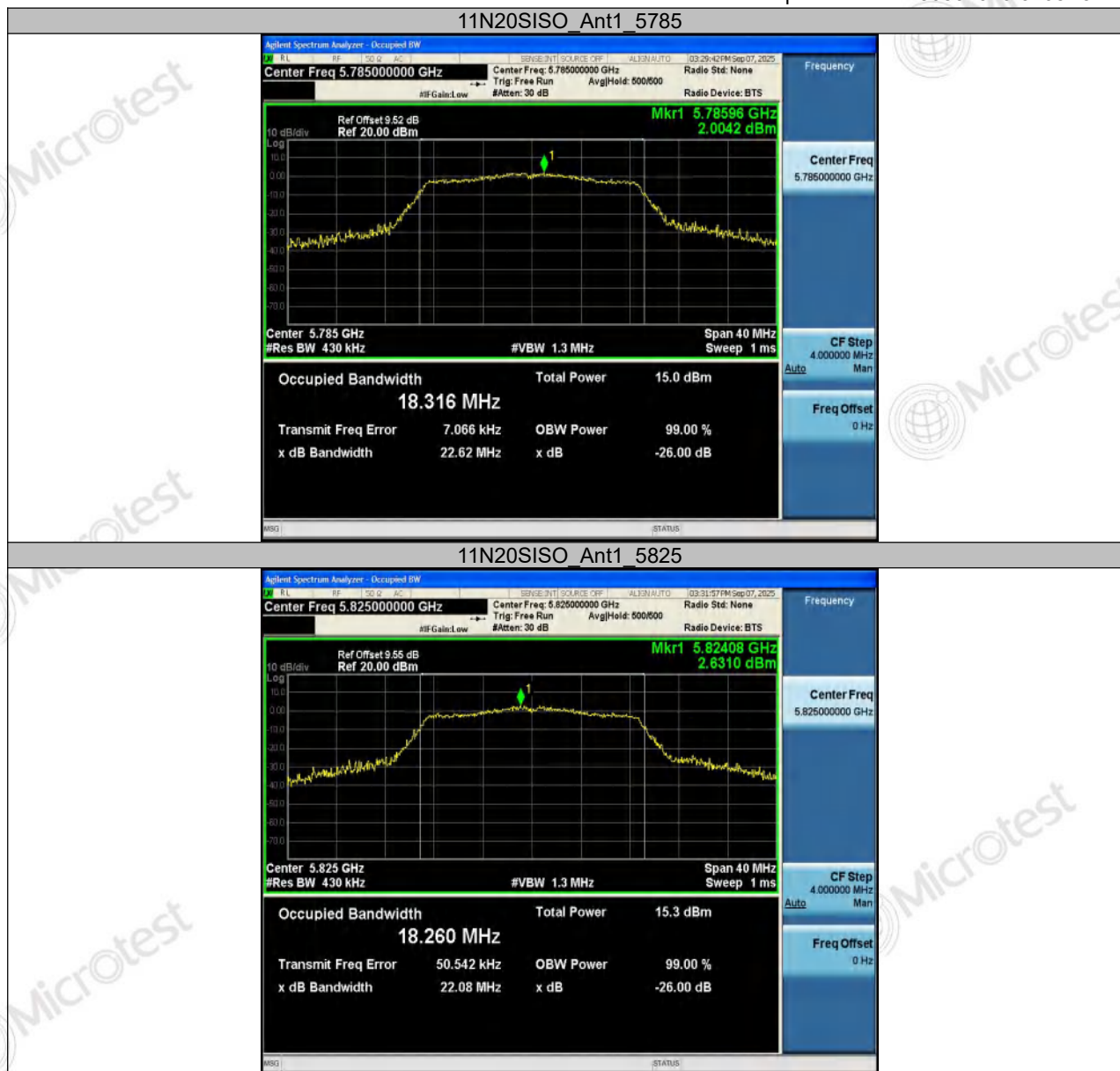
TEST REPORT

Report No.: MTi250807016-0108E3



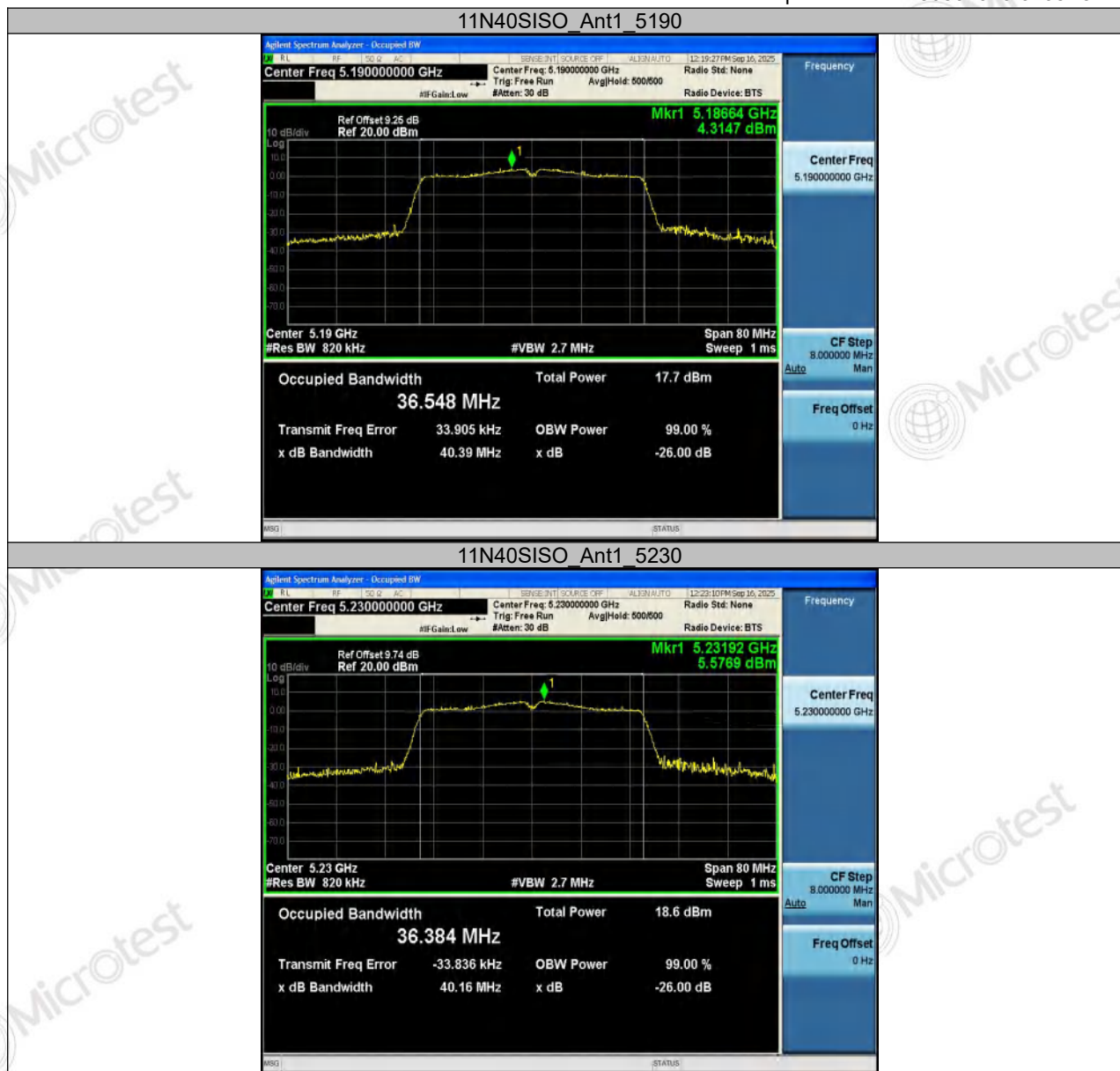
TEST REPORT

Report No.: MTi250807016-0108E3



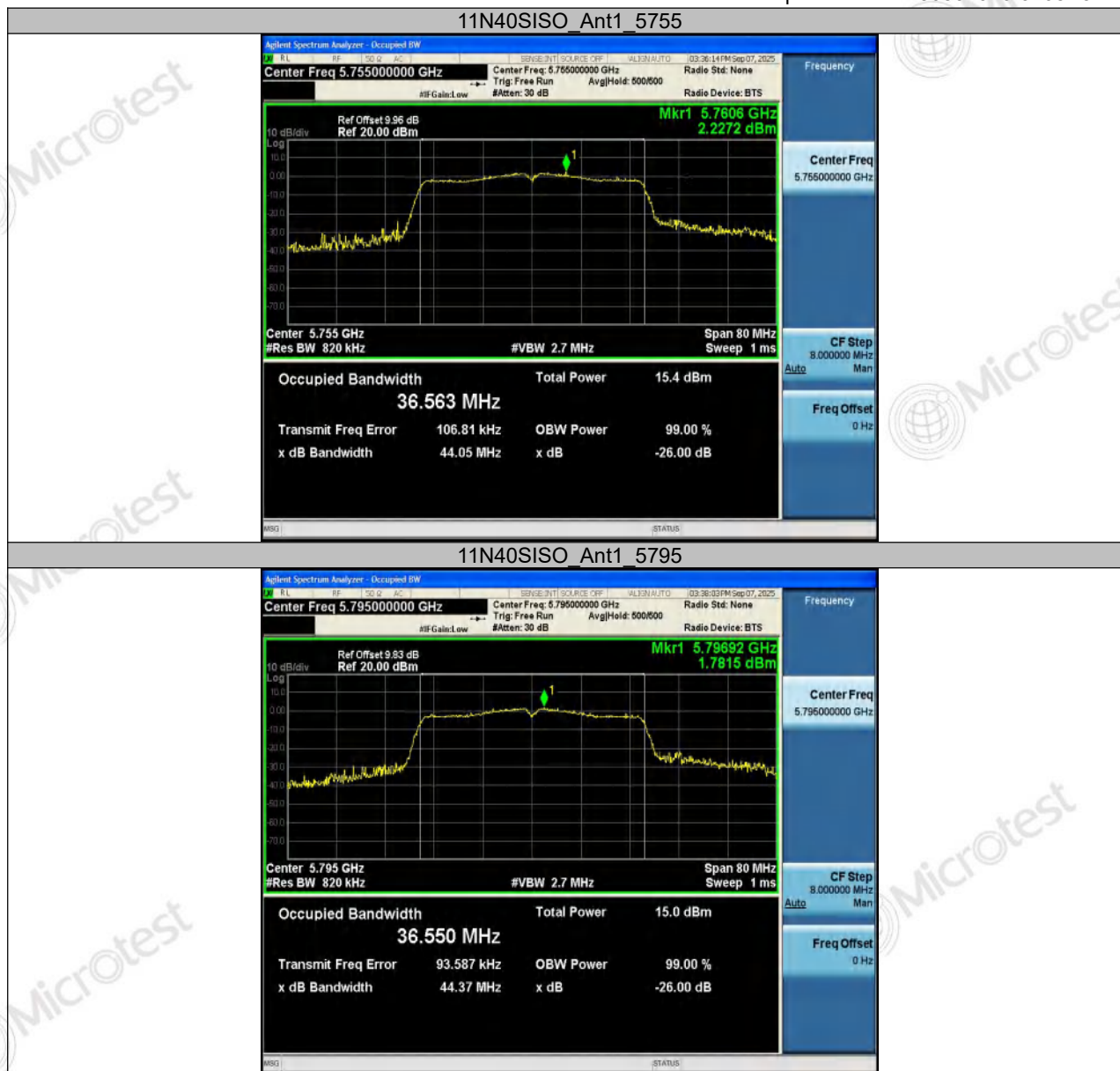
TEST REPORT

Report No.: MTi250807016-0108E3



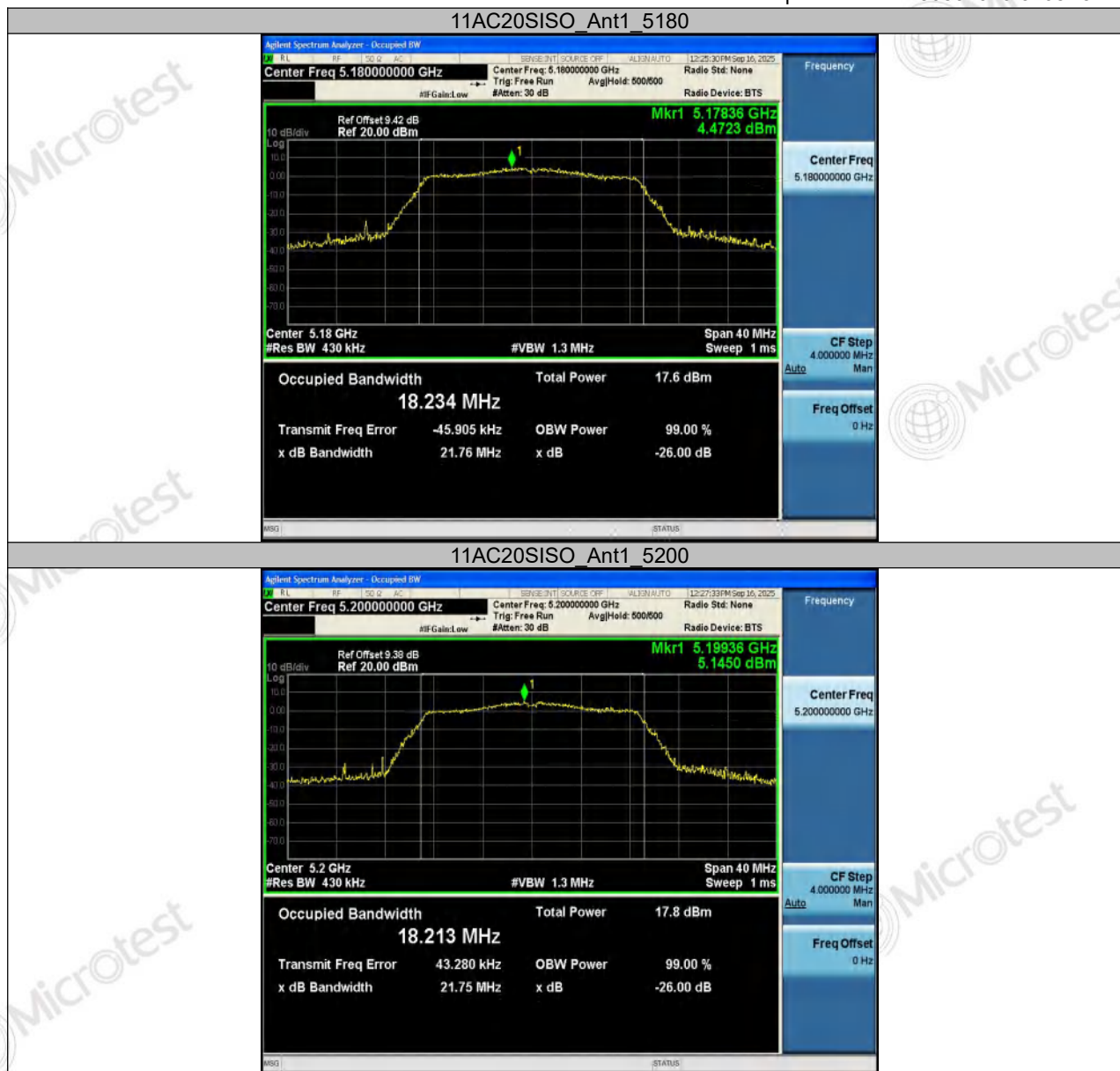
TEST REPORT

Report No.: MTi250807016-0108E3



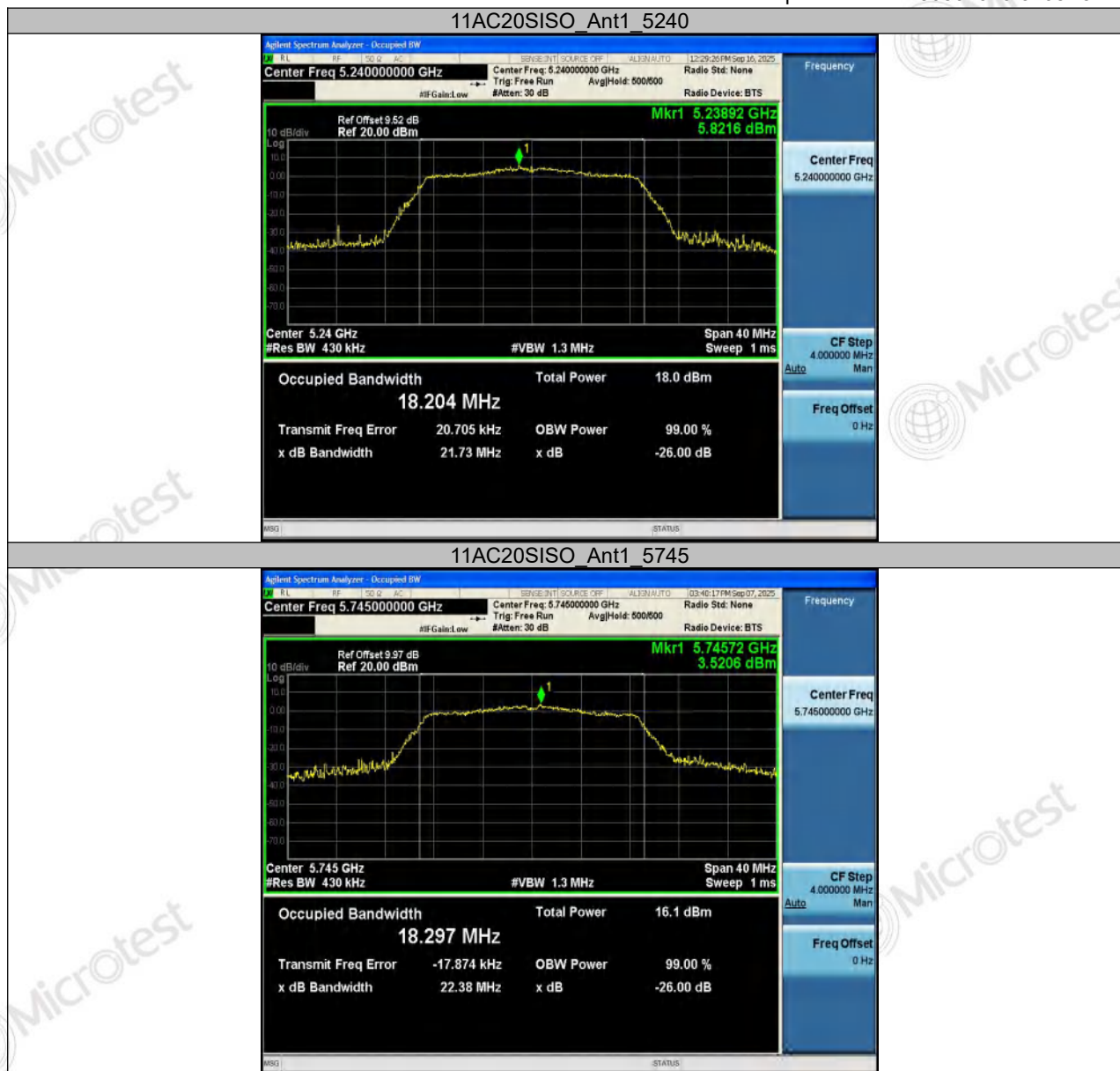
TEST REPORT

Report No.: MTi250807016-0108E3



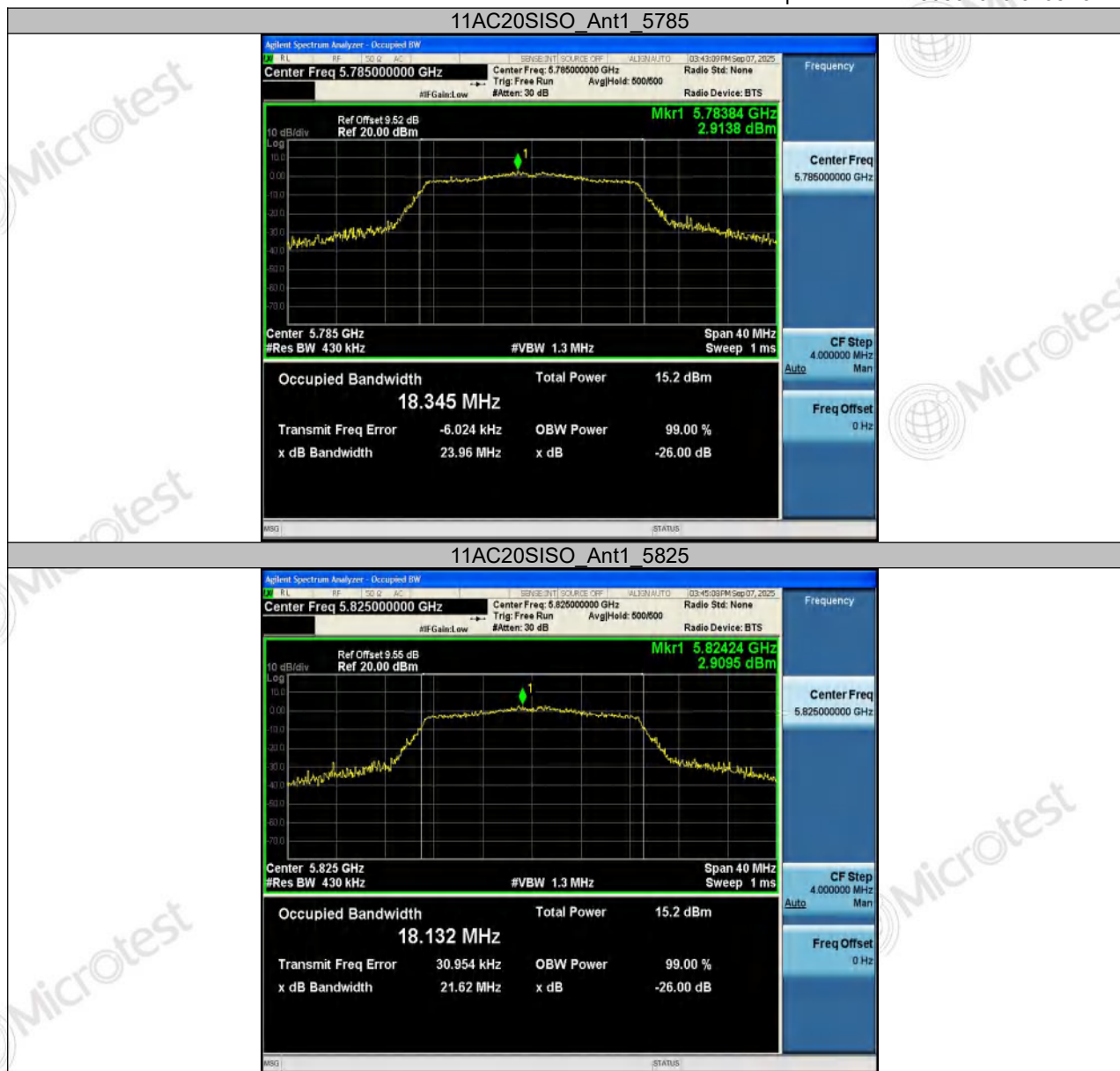
TEST REPORT

Report No.: MTi250807016-0108E3



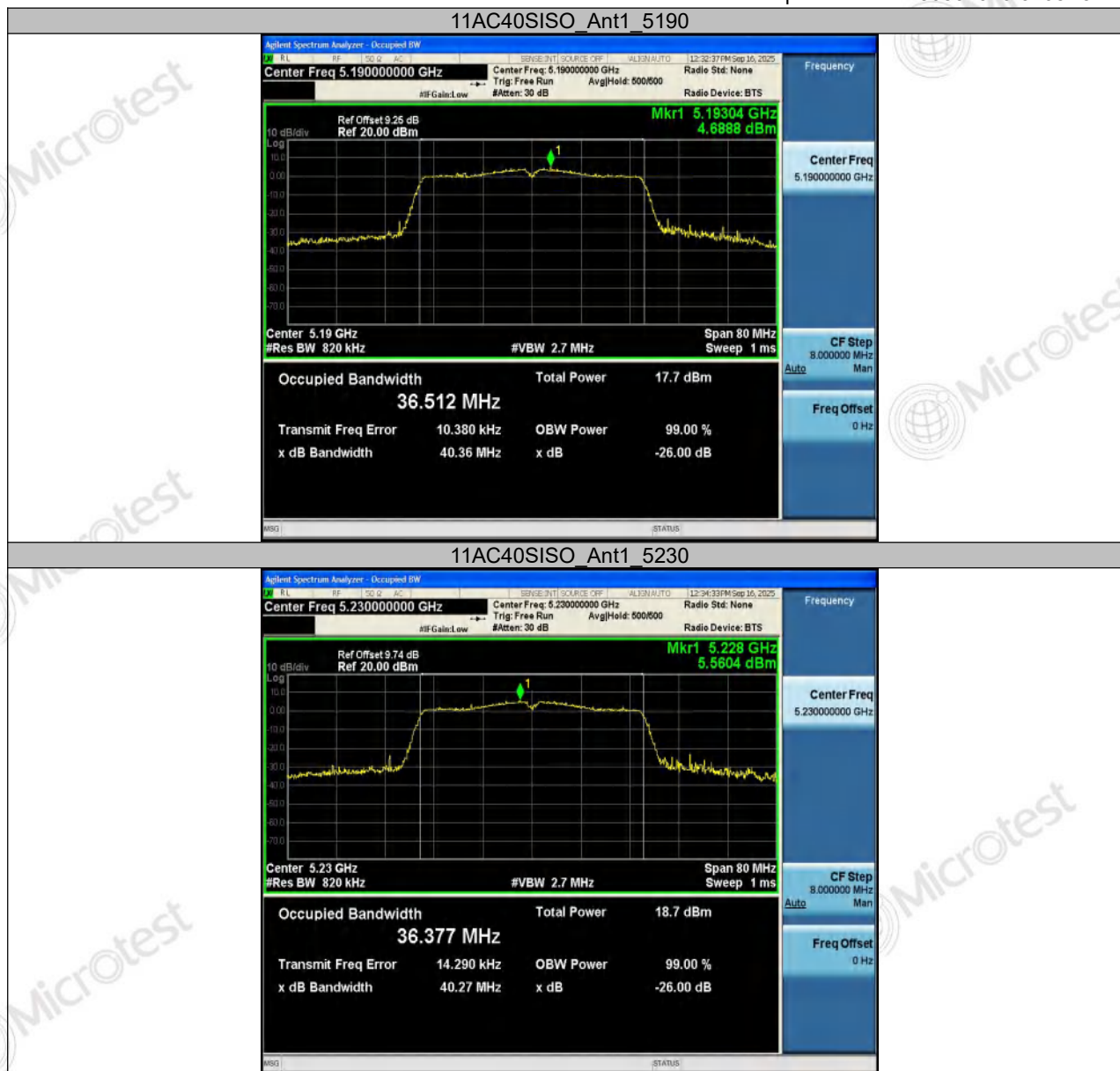
TEST REPORT

Report No.: MTi250807016-0108E3



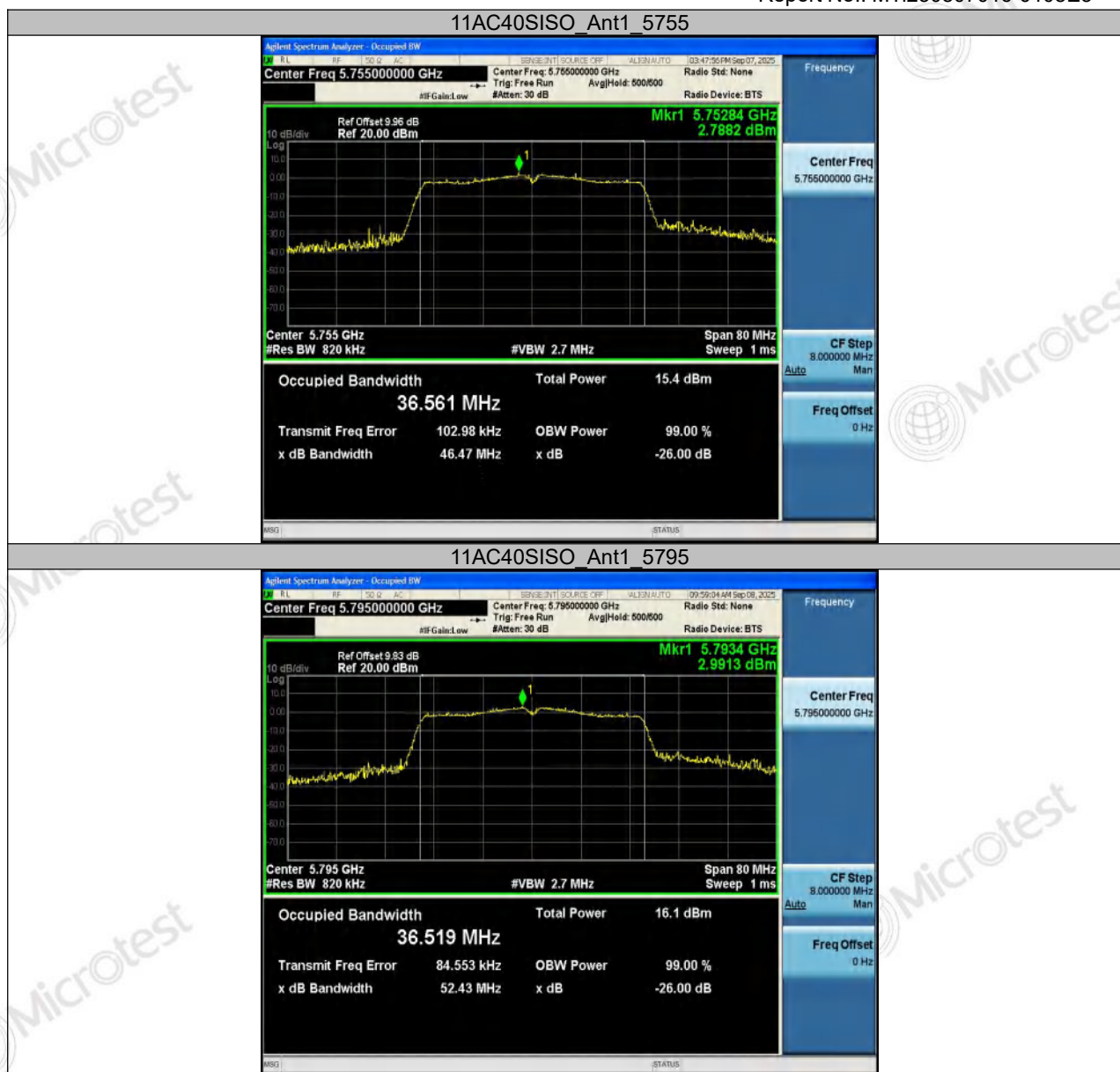
TEST REPORT

Report No.: MTi250807016-0108E3



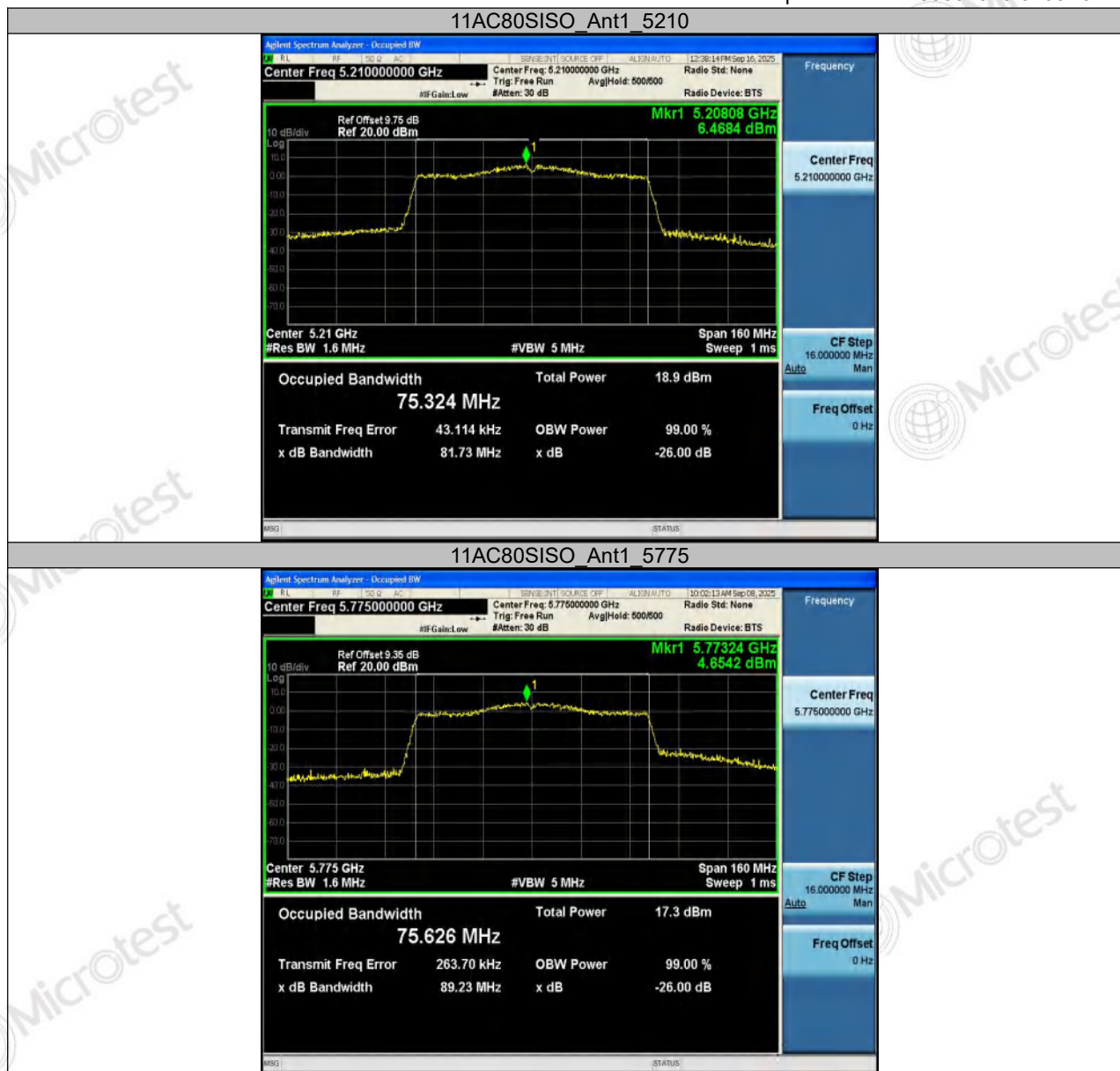
TEST REPORT

Report No.: MTI250807016-0108E3



TEST REPORT

Report No.: MTi250807016-0108E3



TEST REPORT

Report No.: MTi250807016-0108E3

6.9 Appendix A3: Min emission bandwidth

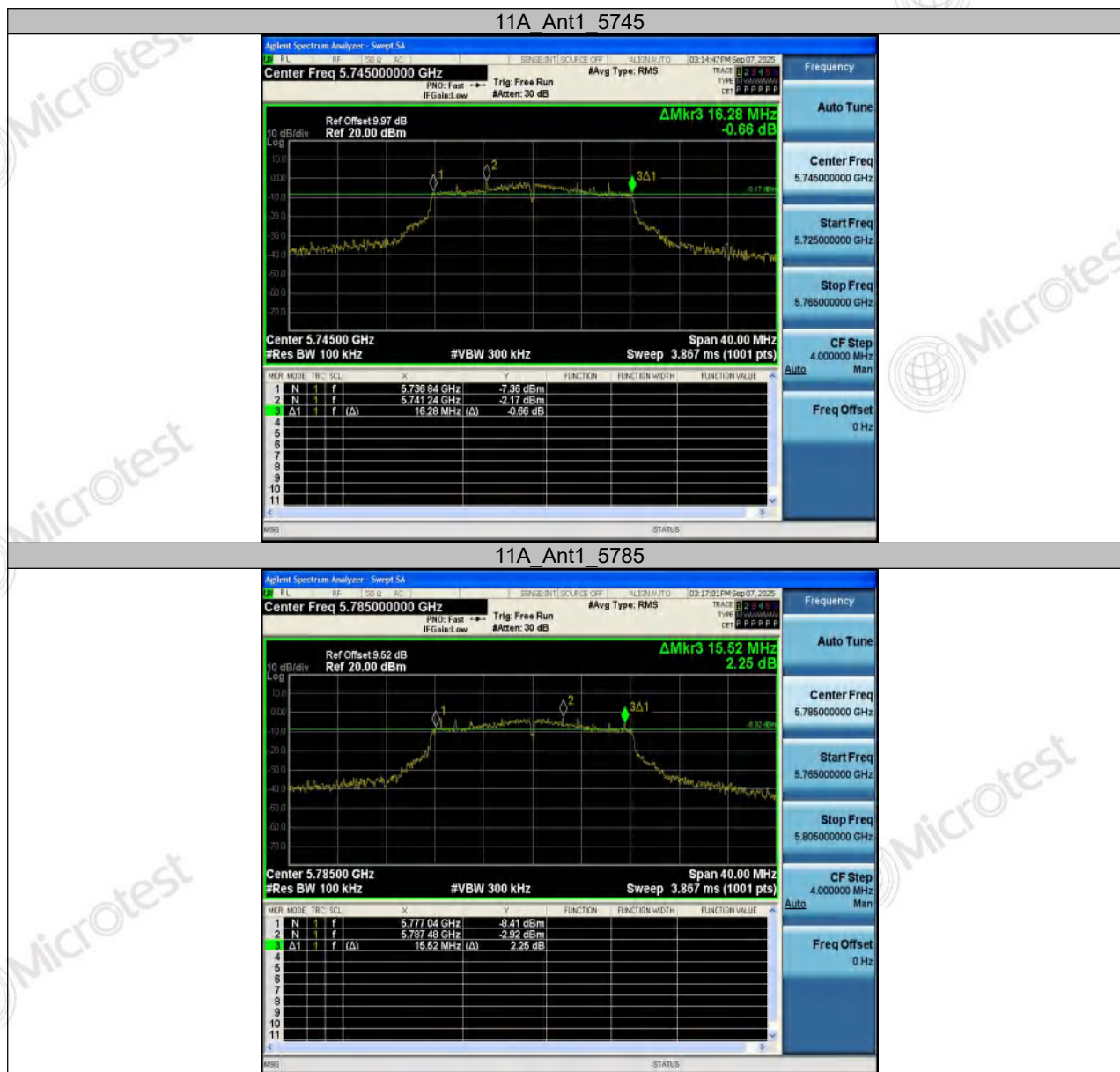
6.9.1 Test Result B4

Test Mode	Antenna	Frequency [MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11A	Ant1	5745	16.280	5736.840	5753.120	0.5	PASS
		5785	15.520	5777.040	5792.560	0.5	PASS
		5825	15.520	5817.080	5832.600	0.5	PASS
11N20SISO	Ant1	5745	17.280	5736.240	5753.520	0.5	PASS
		5785	15.640	5776.840	5792.480	0.5	PASS
		5825	15.080	5817.440	5832.520	0.5	PASS
11N40SISO	Ant1	5755	35.200	5737.400	5772.600	0.5	PASS
		5795	35.200	5777.240	5812.440	0.5	PASS
11AC20SISO	Ant1	5745	15.400	5737.080	5752.480	0.5	PASS
		5785	15.320	5777.240	5792.560	0.5	PASS
		5825	17.120	5816.640	5833.760	0.5	PASS
11AC40SISO	Ant1	5755	35.040	5737.480	5772.520	0.5	PASS
		5795	35.120	5777.400	5812.520	0.5	PASS
11AC80SISO	Ant1	5775	75.200	5737.400	5812.600	0.5	PASS

TEST REPORT

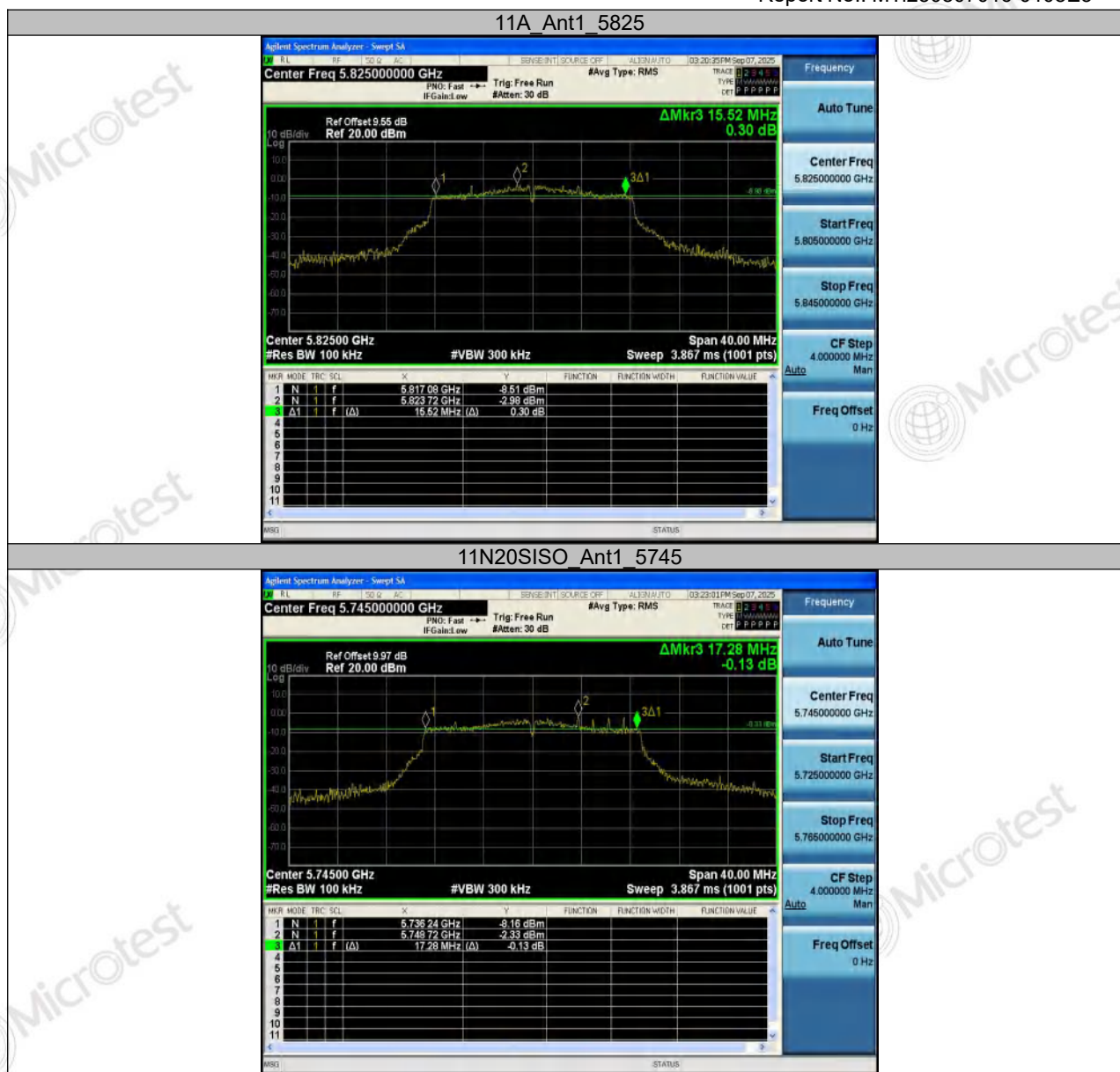
Report No.: MTi250807016-0108E3

Test Graphs



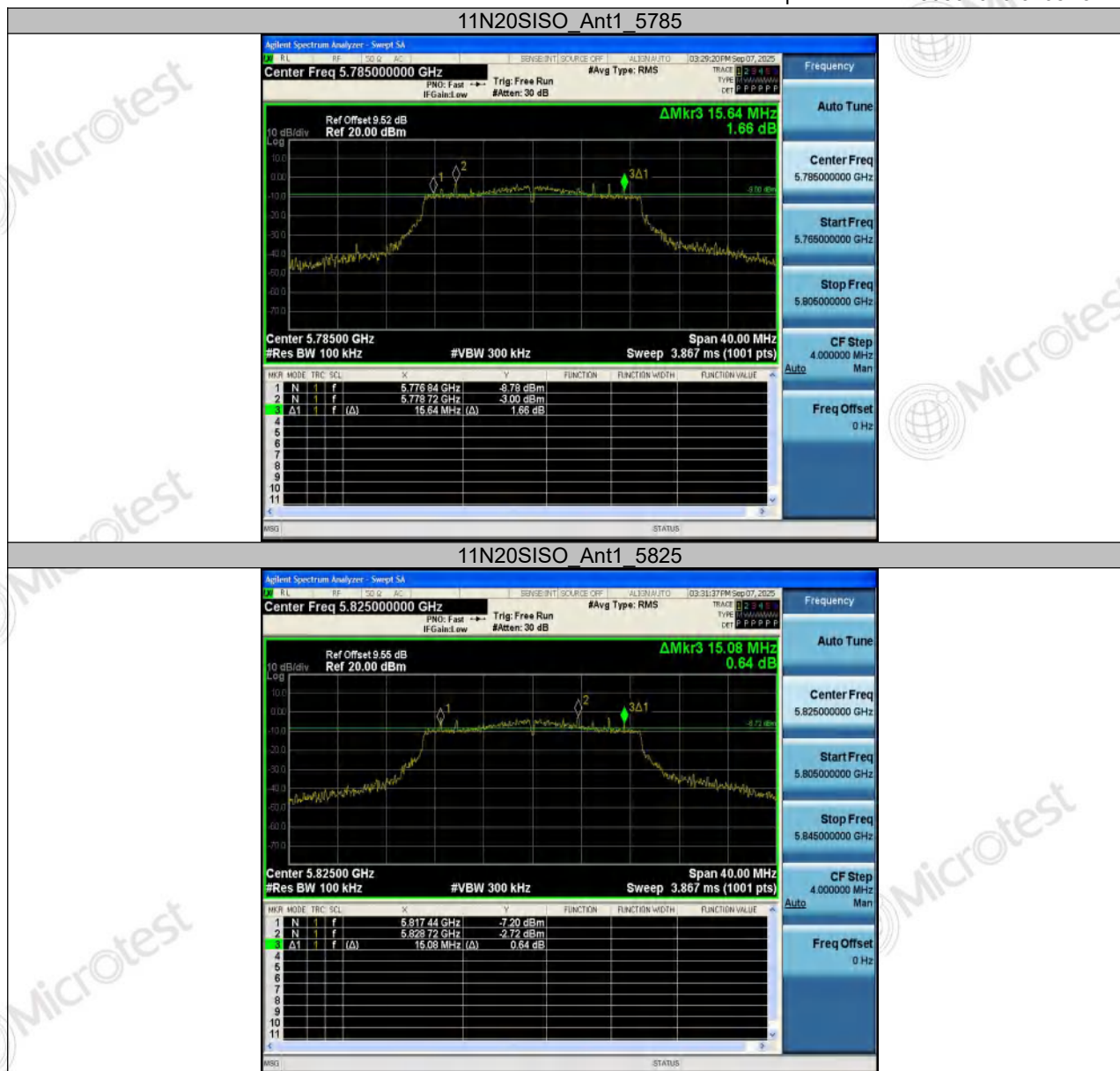
TEST REPORT

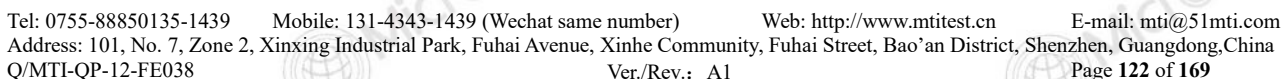
Report No.: MTI250807016-0108E3



TEST REPORT

Report No.: MTI250807016-0108E3





TEST REPORT

Report No.: MTI250807016-0108E3

11AC20SISO_Ant1_5745

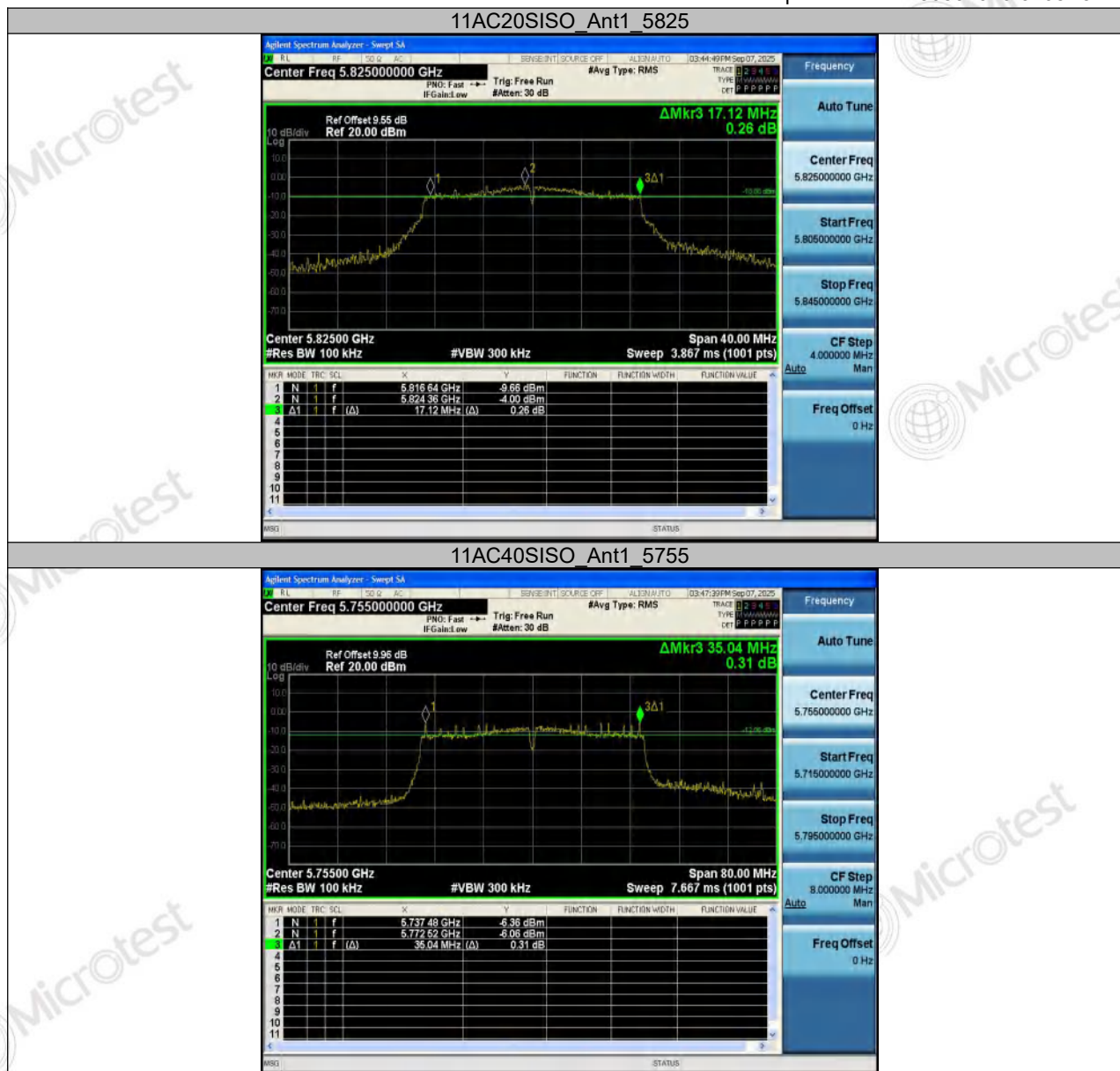


11AC20SISO_Ant1_5785



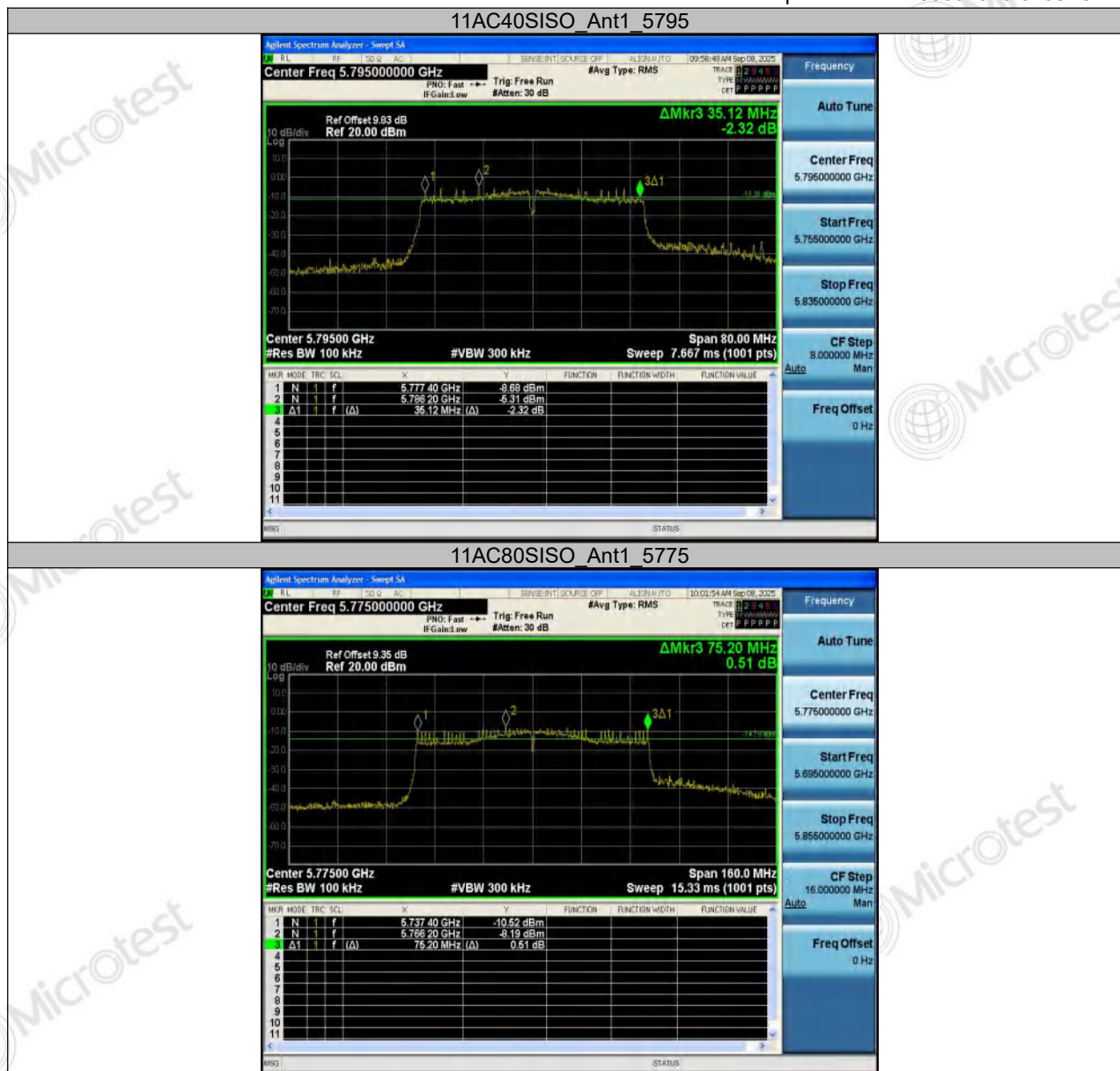
TEST REPORT

Report No.: MTI250807016-0108E3



TEST REPORT

Report No.: MTI250807016-0108E3



TEST REPORT

Report No.: MTi250807016-0108E3

Appendix B: Duty Cycle

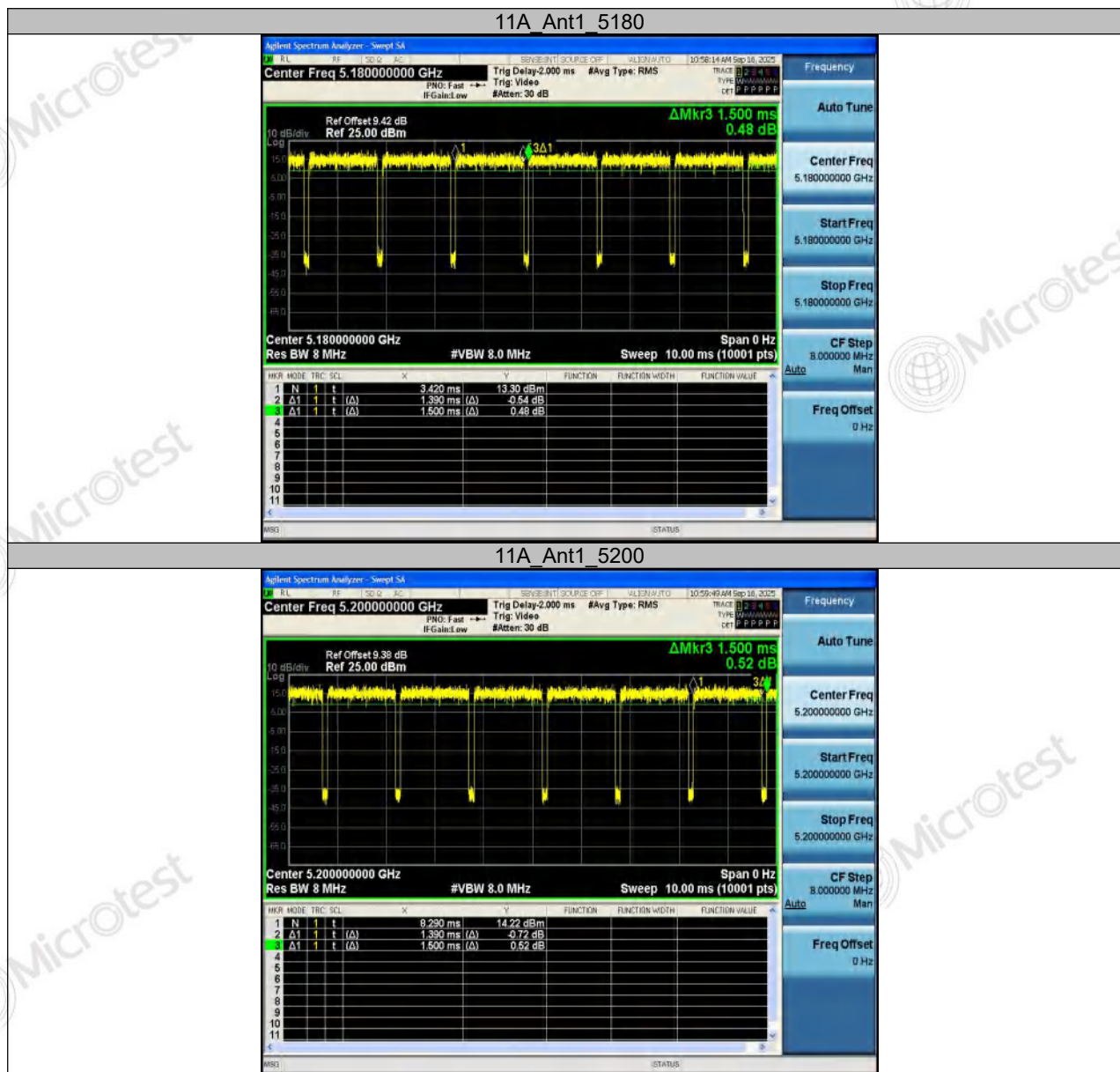
Test Result

Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	1.39	1.50	92.67
		5200	1.39	1.50	92.67
		5240	1.40	1.50	93.33
		5745	1.39	1.49	93.29
		5785	1.39	1.50	92.67
		5825	1.40	1.50	93.33
11N20SISO	Ant1	5180	1.30	1.41	92.20
		5200	1.30	1.41	92.20
		5240	1.31	1.41	92.91
		5745	1.31	1.41	92.91
		5785	1.30	1.41	92.20
		5825	1.31	1.41	92.91
11N40SISO	Ant1	5190	0.95	0.99	95.96
		5230	0.95	0.99	95.96
		5755	0.95	0.99	95.96
		5795	0.95	0.99	95.96
		5795	0.95	0.99	95.96
11AC20SISO	Ant1	5180	1.93	1.98	97.47
		5200	1.93	1.97	97.97
		5240	1.94	1.98	97.98
		5745	1.93	1.97	97.97
		5785	1.94	1.98	97.98
		5825	1.93	1.98	97.47
11AC40SISO	Ant1	5190	0.95	0.97	97.94
		5230	0.95	0.97	97.94
		5755	0.95	0.97	97.94
		5795	0.95	0.97	97.94
		5795	0.95	0.97	97.94
11AC80SISO	Ant1	5210	0.60	0.62	96.77
		5775	0.60	0.62	96.77

TEST REPORT

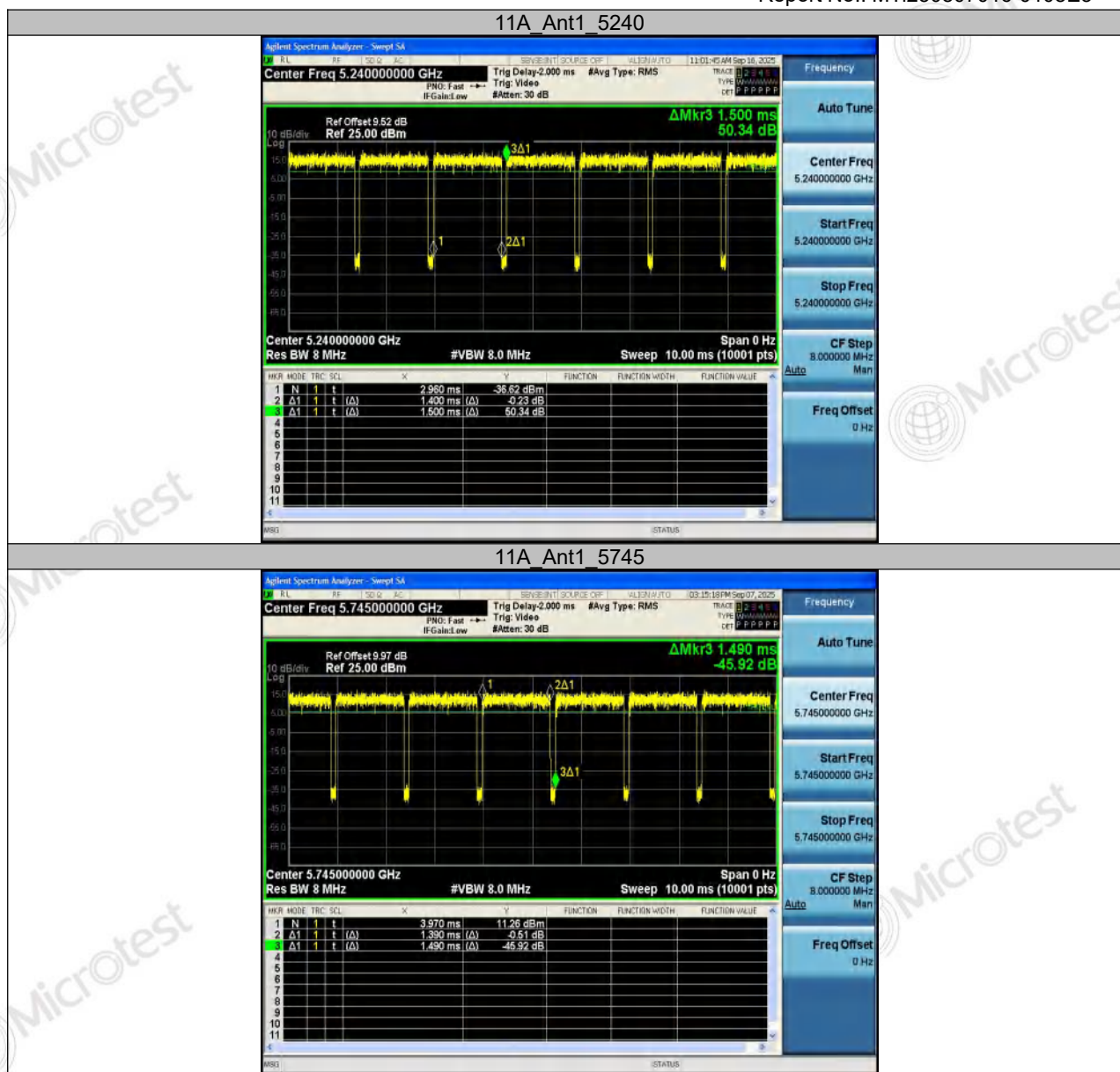
Report No.: MTI250807016-0108E3

Test Graphs



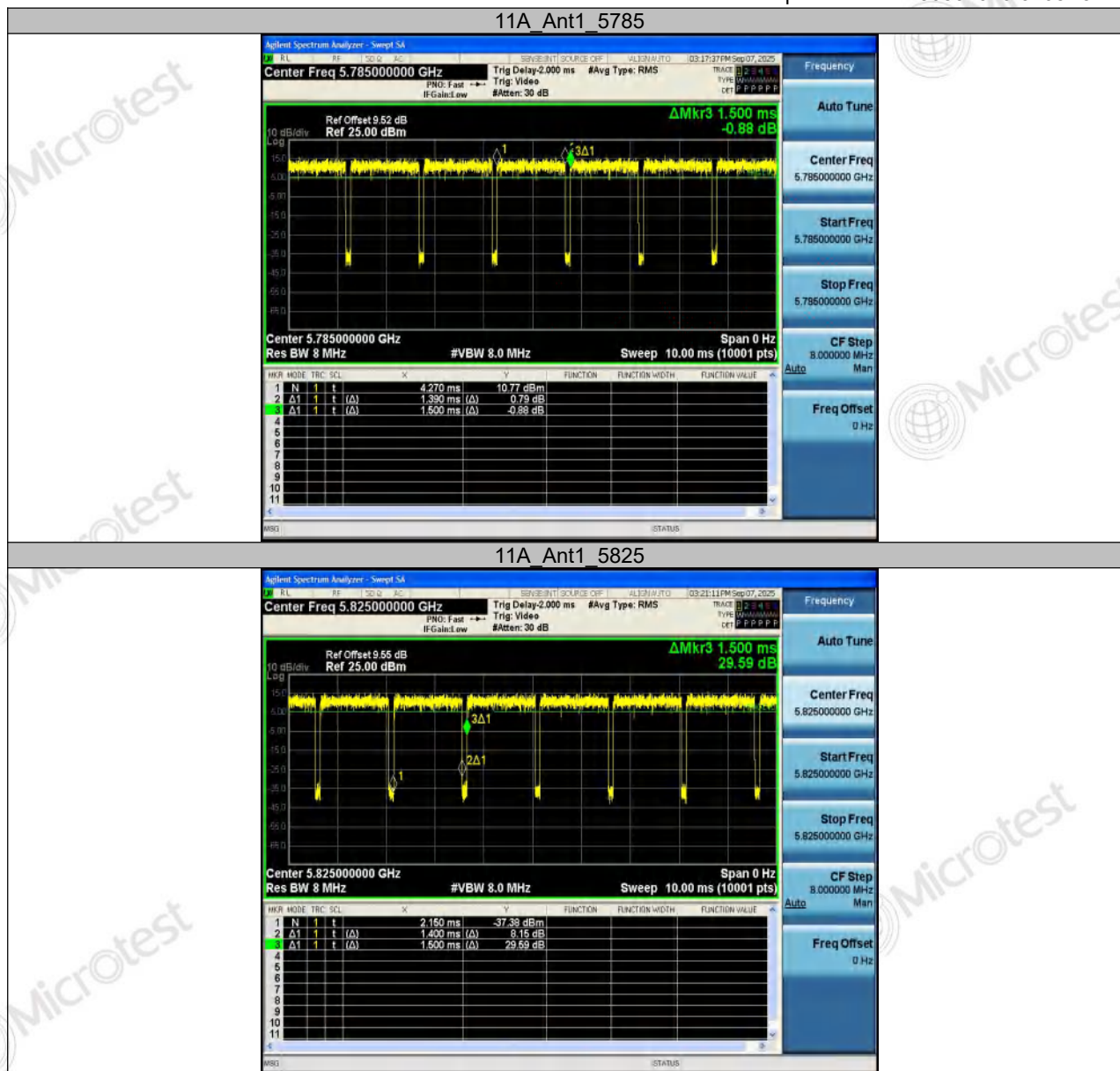
TEST REPORT

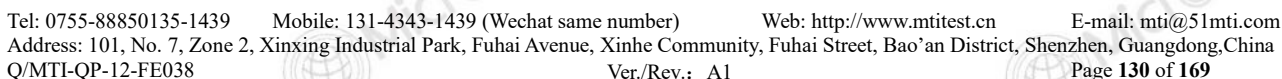
Report No.: MTI250807016-0108E3

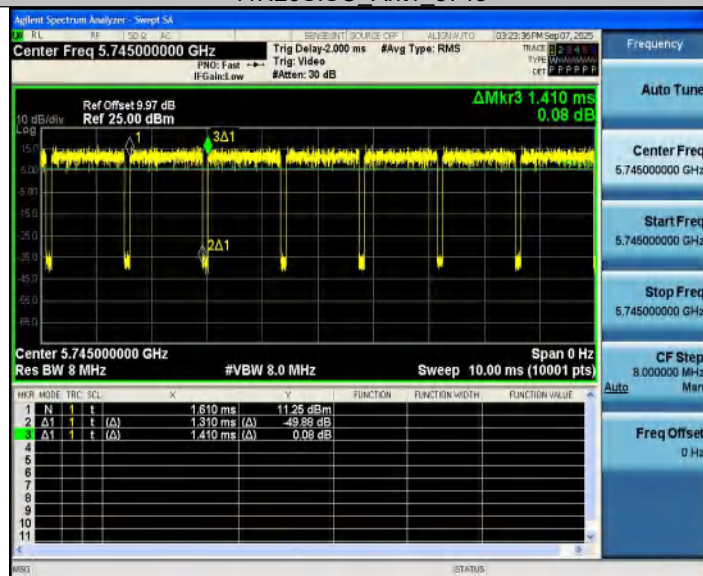


TEST REPORT

Report No.: MTI250807016-0108E3

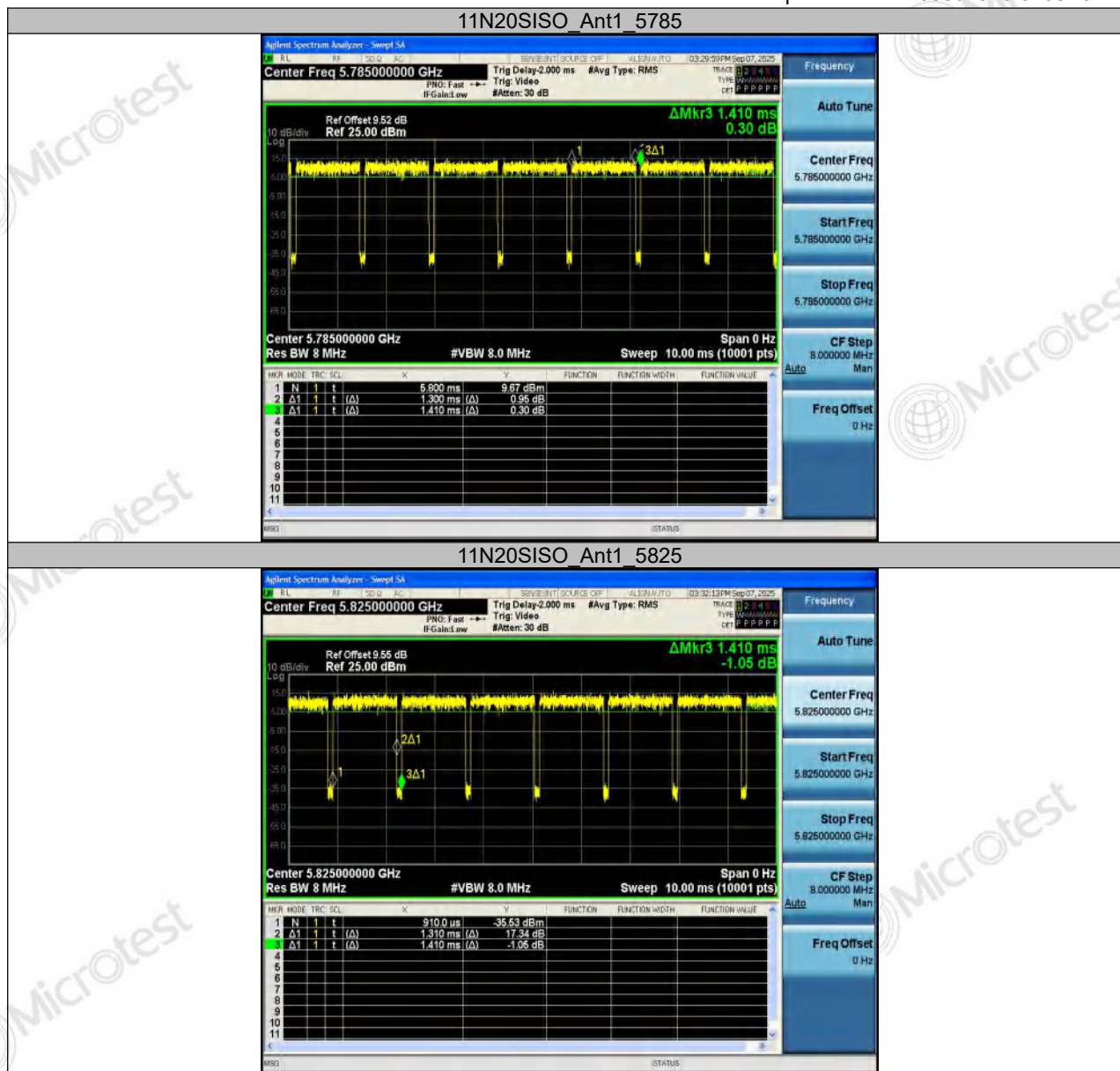






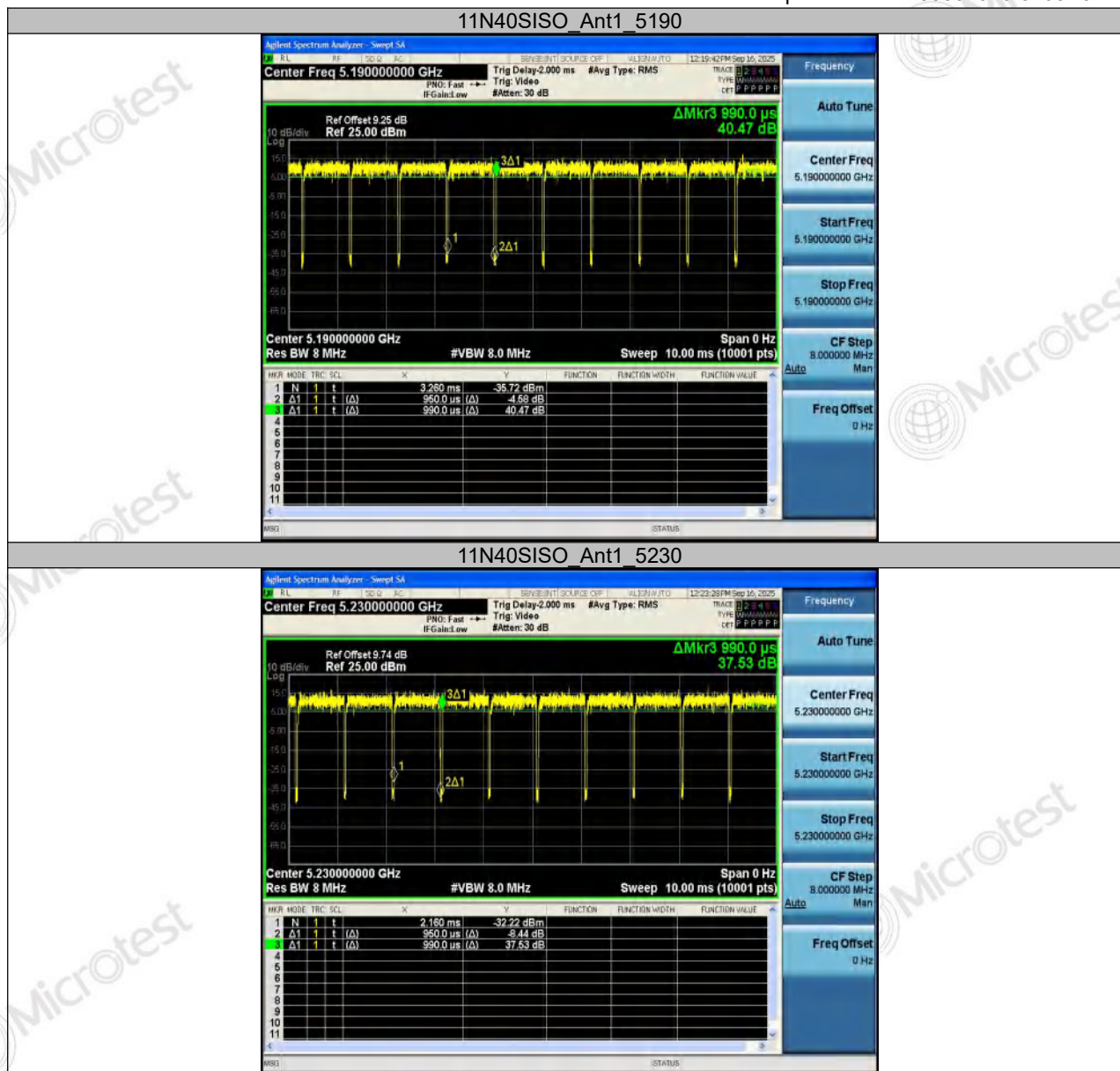
TEST REPORT

Report No.: MTI250807016-0108E3



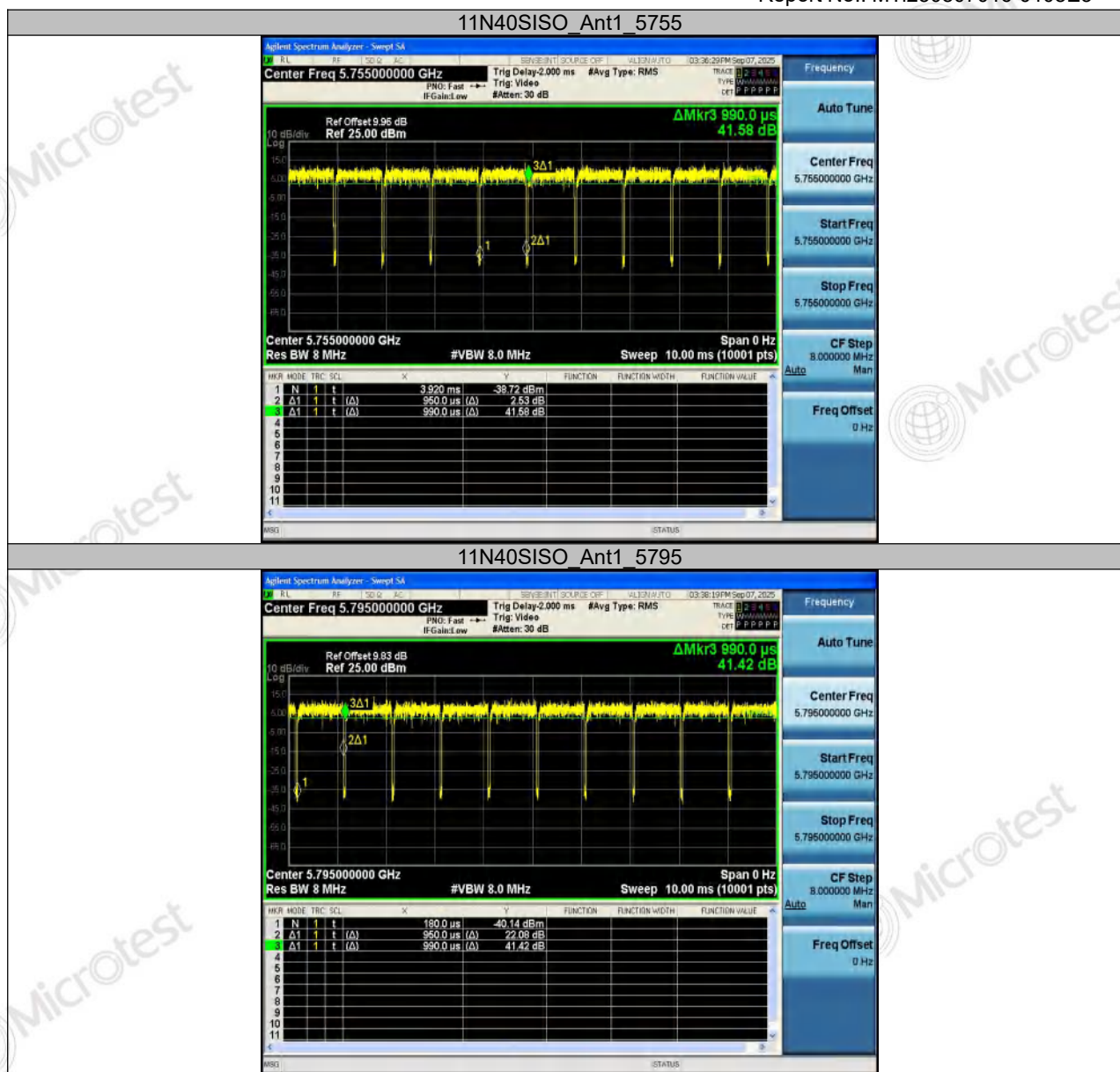
TEST REPORT

Report No.: MTI250807016-0108E3



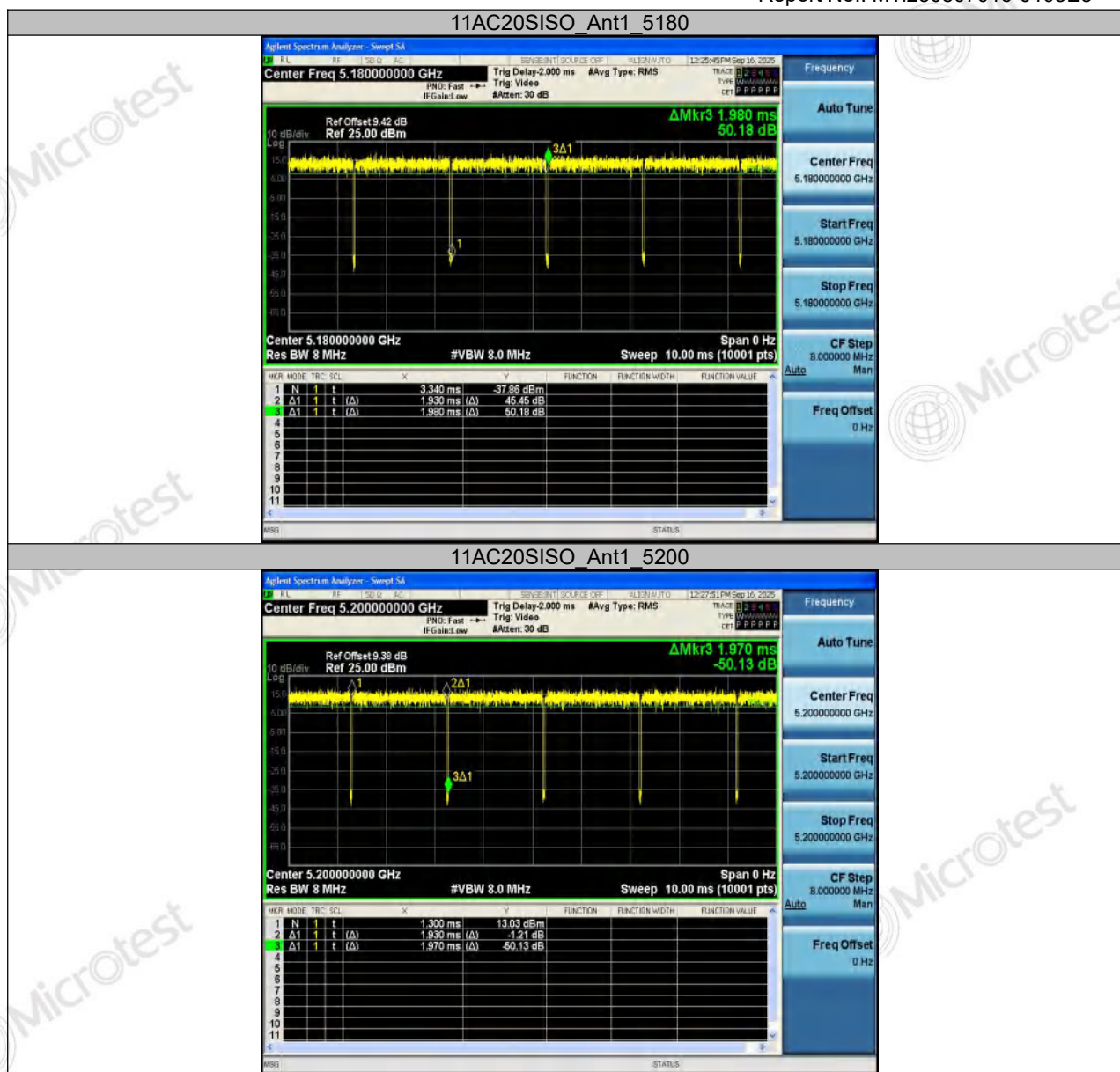
TEST REPORT

Report No.: MTI250807016-0108E3



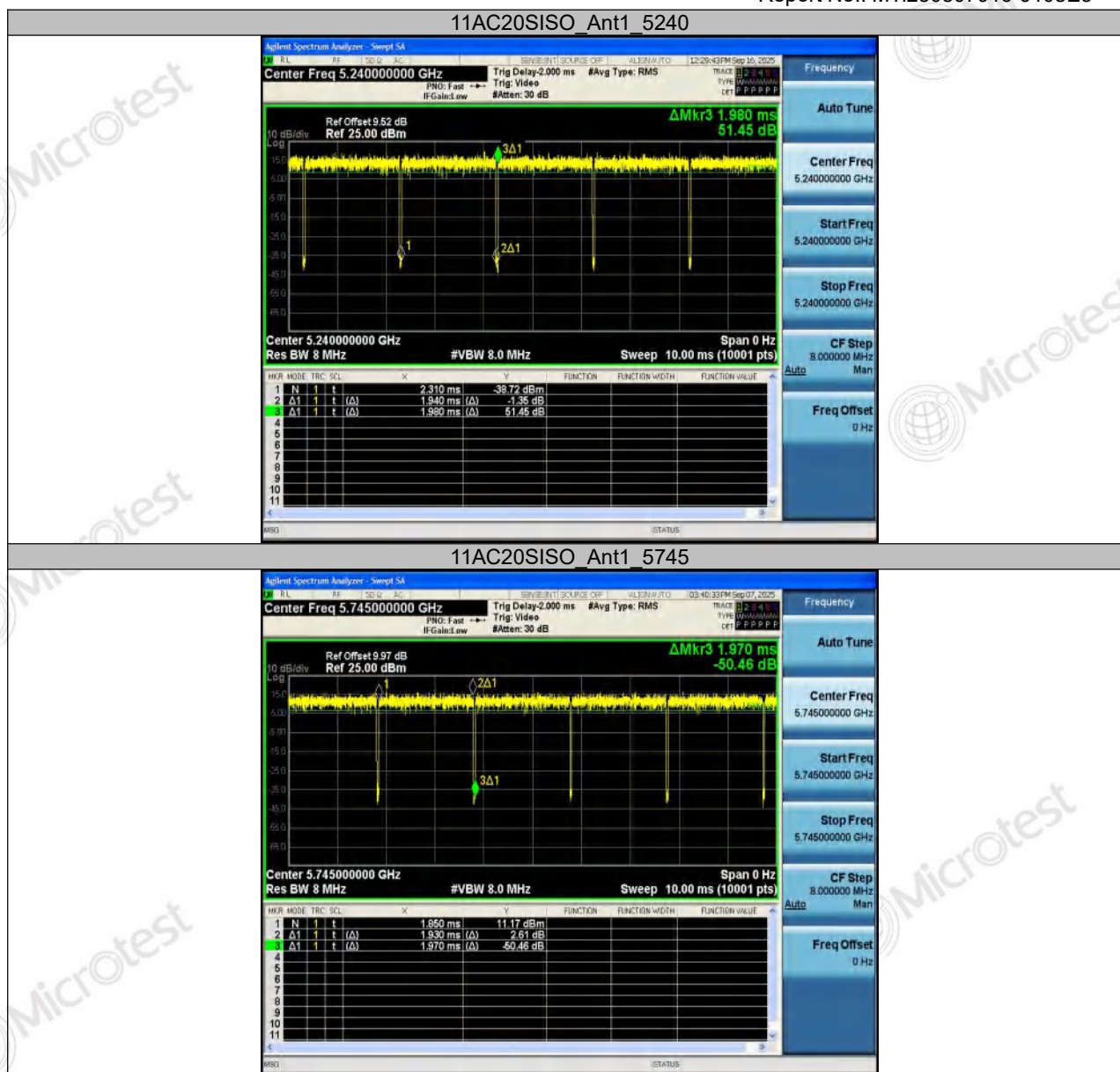
TEST REPORT

Report No.: MTI250807016-0108E3



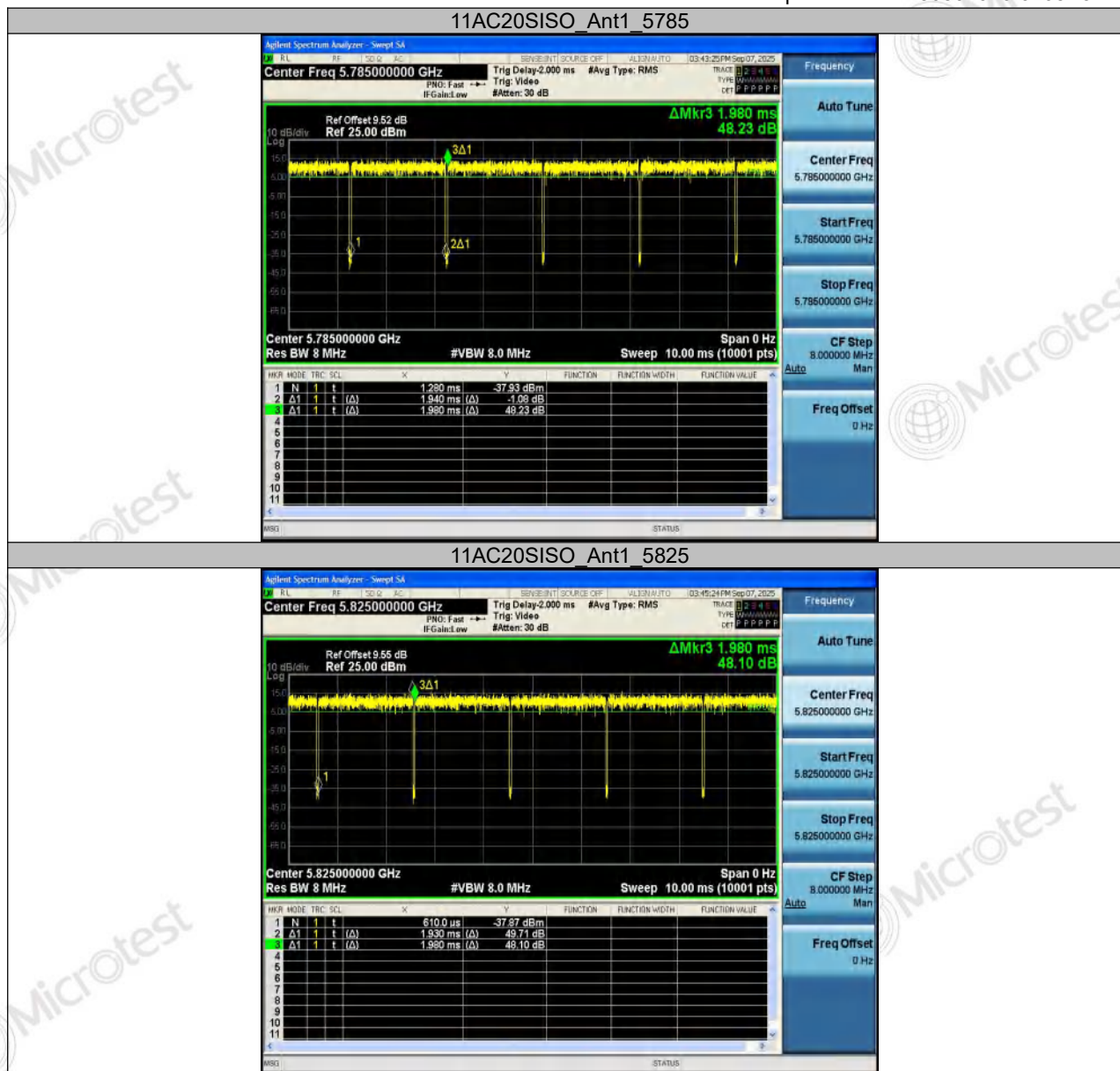
TEST REPORT

Report No.: MTI250807016-0108E3



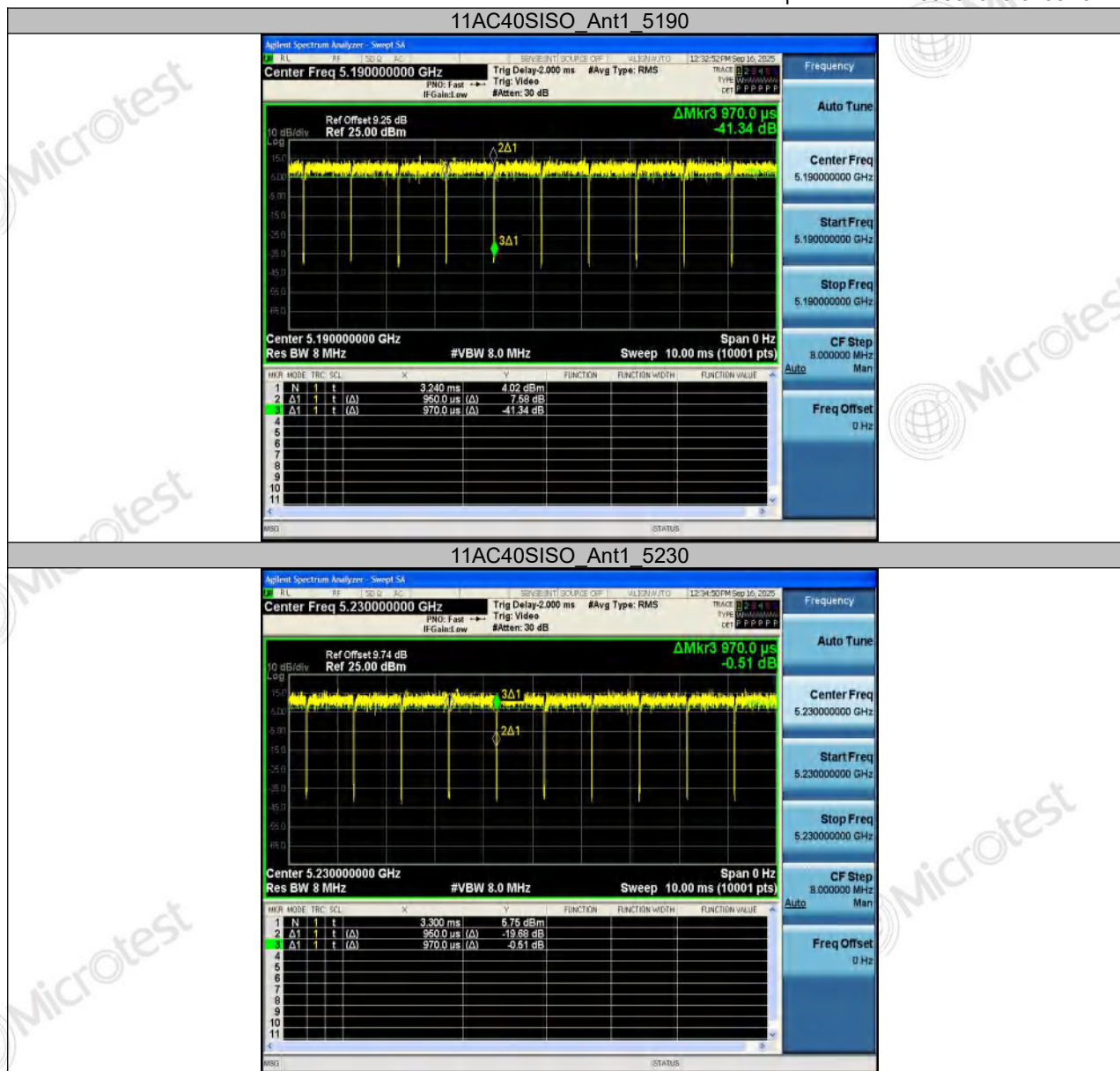
TEST REPORT

Report No.: MTI250807016-0108E3



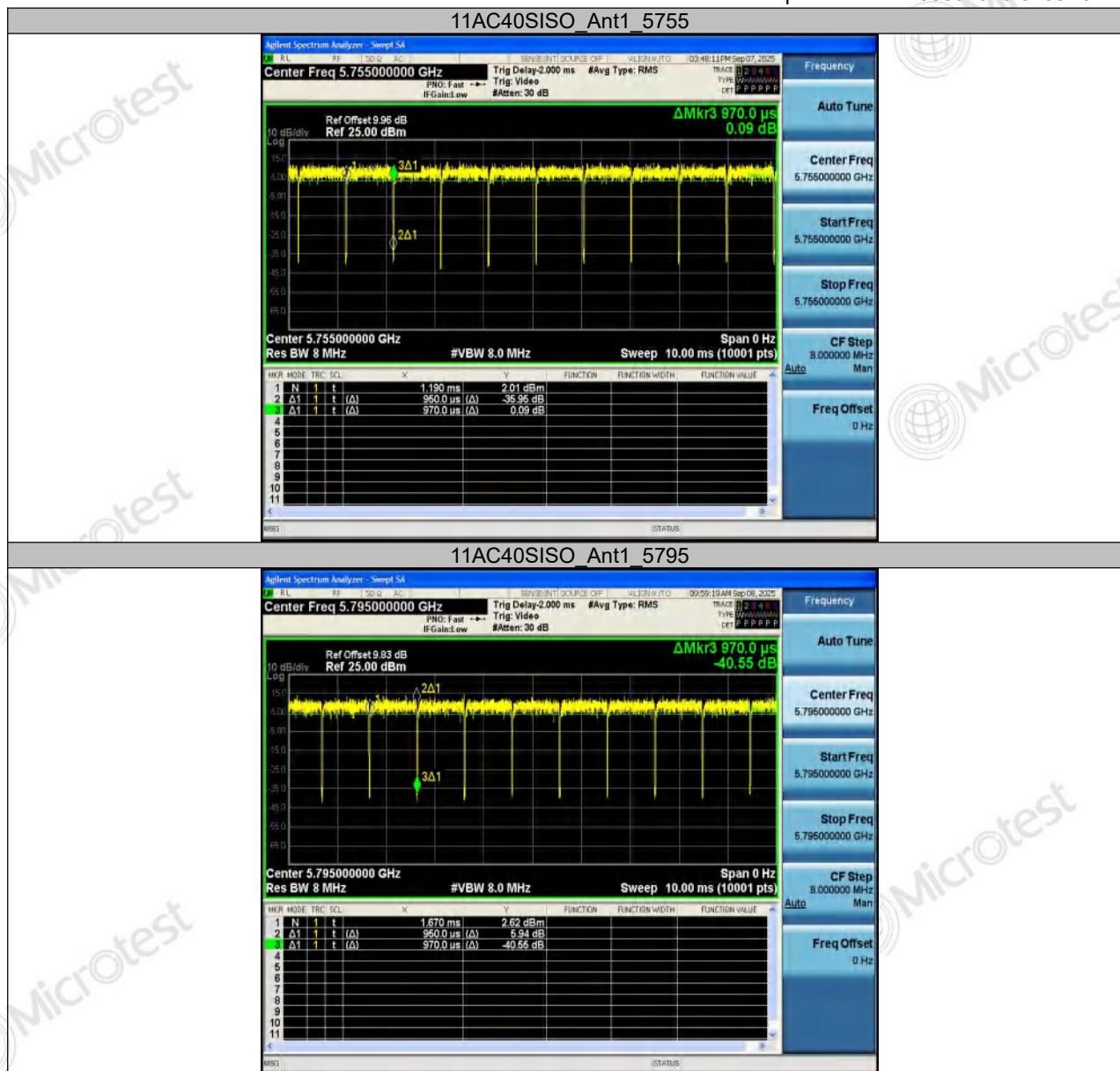
TEST REPORT

Report No.: MTI250807016-0108E3



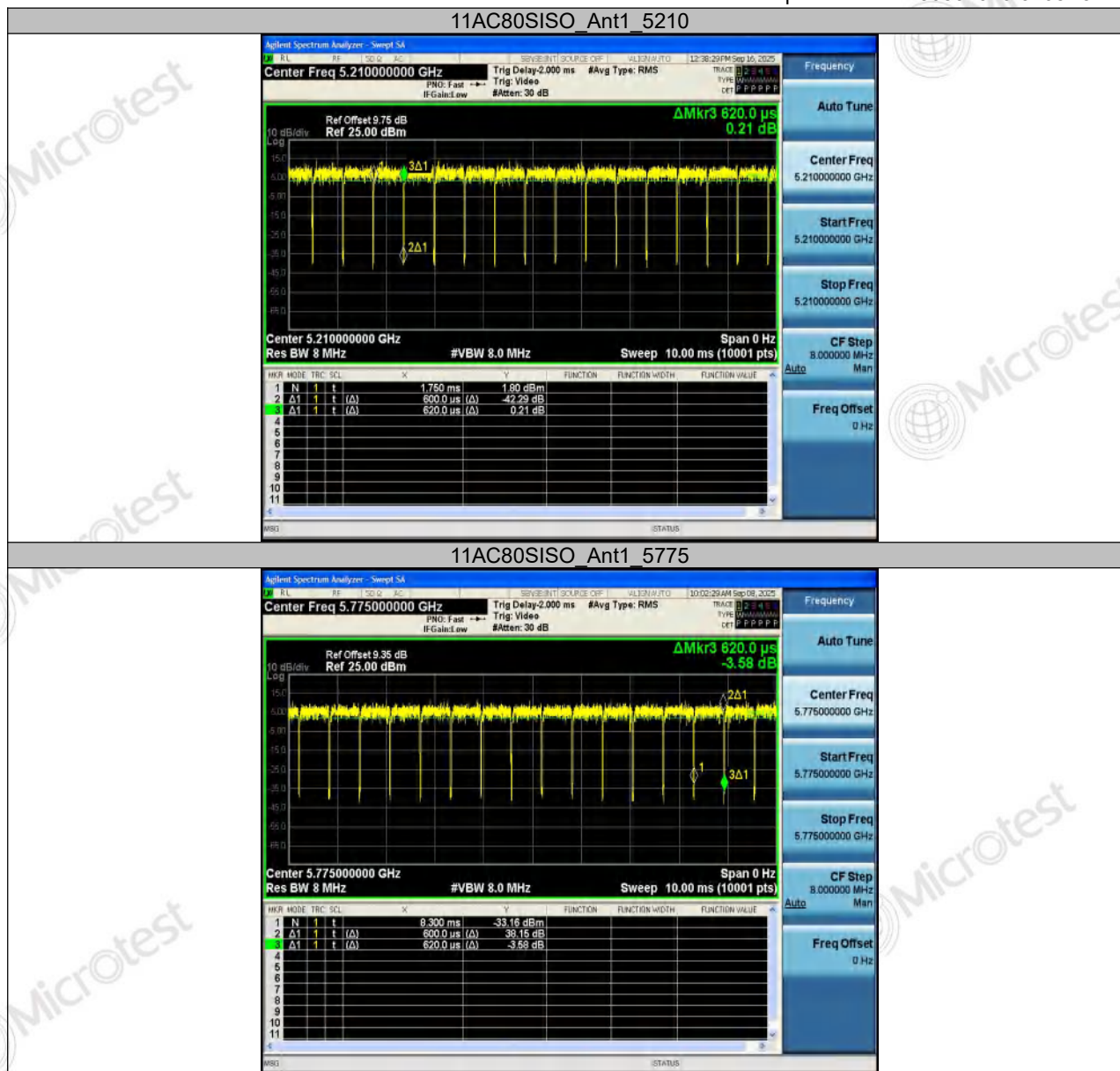
TEST REPORT

Report No.: MTI250807016-0108E3



TEST REPORT

Report No.: MTI250807016-0108E3



TEST REPORT

Report No.: MTi250807016-0108E3

Appendix C: Maximum conducted output power

Test Result Channel Power

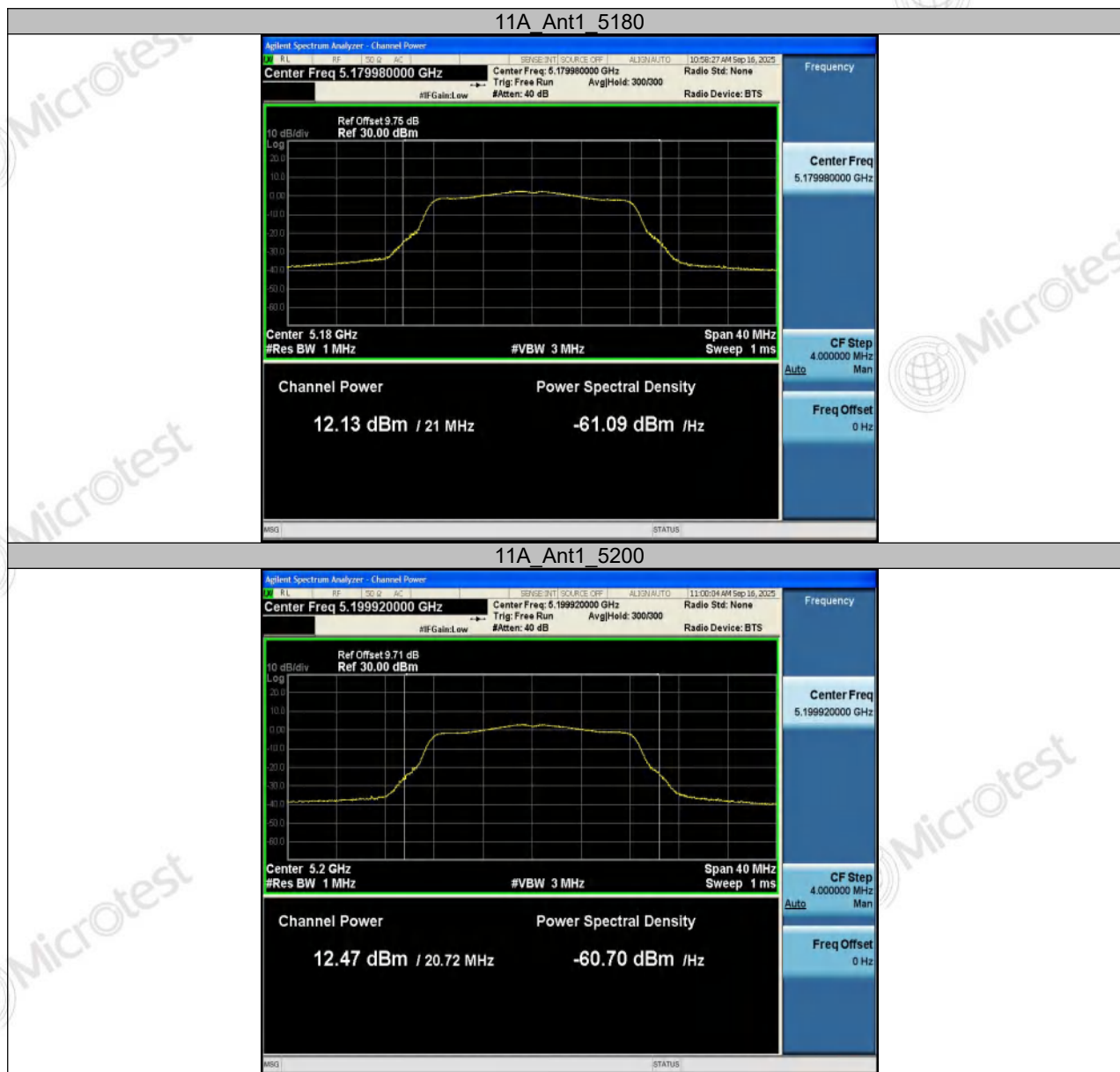
Test Mode	Antenna	Frequency [MHz]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	EIRP [dBm]	Verdict
11A	Ant1	5180	92.67	0.33	12.13	≤23.98	14.41	PASS
		5200	92.67	0.33	12.47	≤23.98	14.75	PASS
		5240	93.33	0.30	12.44	≤23.98	14.73	PASS
		5745	93.29	0.30	9.79	≤30.00	12.56	PASS
		5785	92.67	0.33	8.91	≤30.00	11.68	PASS
		5825	93.33	0.30	8.58	≤30.00	11.35	PASS
11N20SISO	Ant1	5180	92.20	0.35	11.81	≤23.98	14.09	PASS
		5200	92.20	0.35	12.08	≤23.98	14.36	PASS
		5240	92.91	0.32	12.03	≤23.98	14.31	PASS
		5745	92.91	0.32	9.30	≤30.00	12.07	PASS
		5785	92.20	0.35	8.19	≤30.00	10.96	PASS
		5825	92.91	0.32	8.24	≤30.00	11.01	PASS
11N40SISO	Ant1	5190	95.96	0.18	10.43	≤23.98	12.71	PASS
		5230	95.96	0.18	11.30	≤23.98	13.58	PASS
		5755	95.96	0.18	8.15	≤30.00	10.92	PASS
		5795	95.96	0.18	7.45	≤30.00	10.22	PASS
11AC20SISO	Ant1	5180	97.47	0.11	10.88	≤23.98	13.16	PASS
		5200	97.97	0.09	11.11	≤23.98	13.39	PASS
		5240	97.98	0.09	11.19	≤23.98	13.47	PASS
		5745	97.97	0.09	9.23	≤30.00	12.00	PASS
		5785	97.98	0.09	8.35	≤30.00	11.12	PASS
		5825	97.47	0.11	8.17	≤30.00	10.94	PASS
11AC40SISO	Ant1	5190	97.94	0.09	10.42	≤23.98	12.70	PASS
		5230	97.94	0.09	11.34	≤23.98	13.62	PASS
		5755	97.94	0.09	8.12	≤30.00	10.89	PASS
		5795	97.94	0.09	8.74	≤30.00	11.51	PASS
11AC80SISO	Ant1	5210	96.77	0.14	10.02	≤23.98	12.30	PASS
		5775	96.77	0.14	8.39	≤30.00	11.16	PASS

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

TEST REPORT

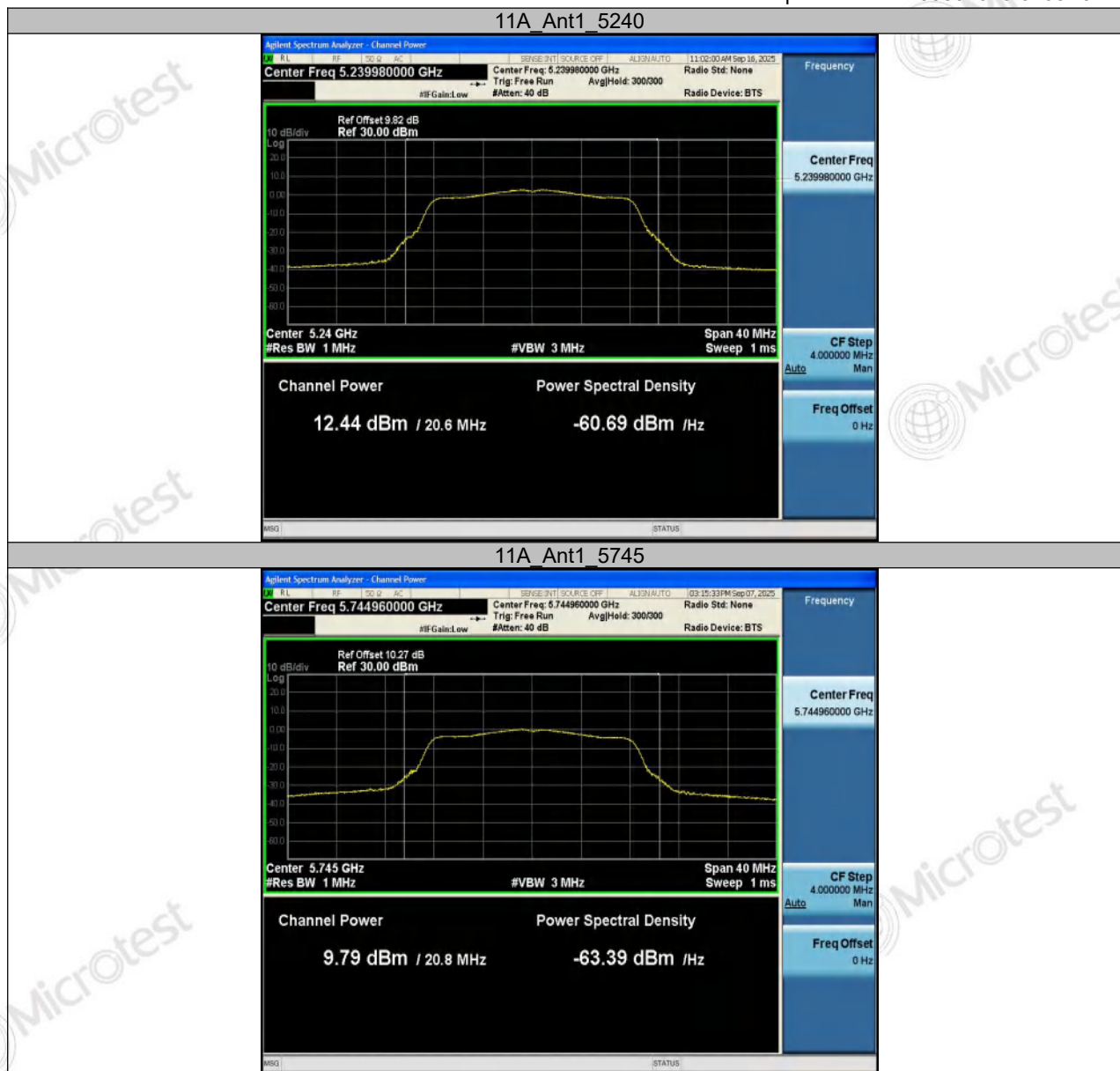
Report No.: MTi250807016-0108E3

Test Graphs



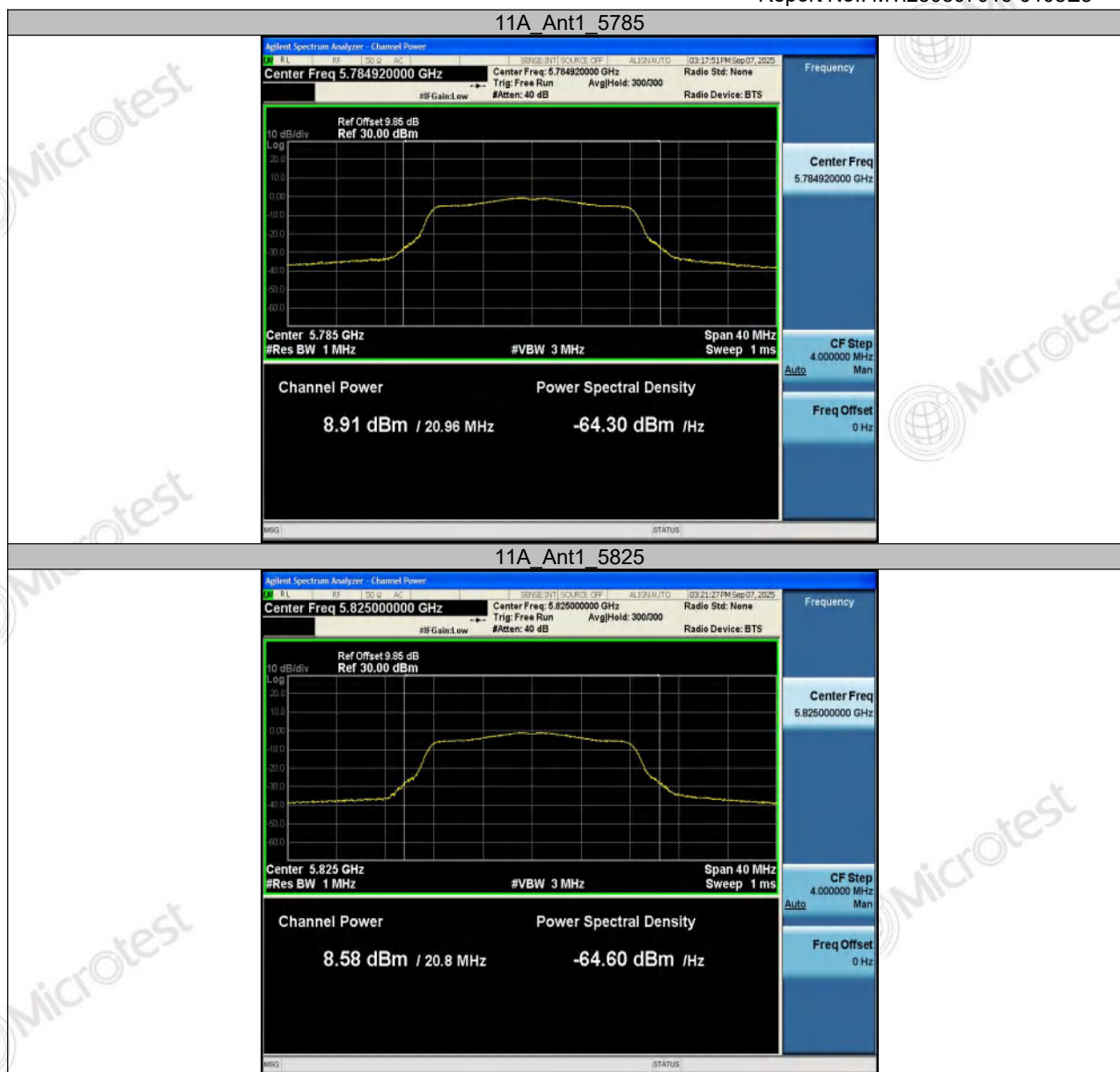
TEST REPORT

Report No.: MTi250807016-0108E3



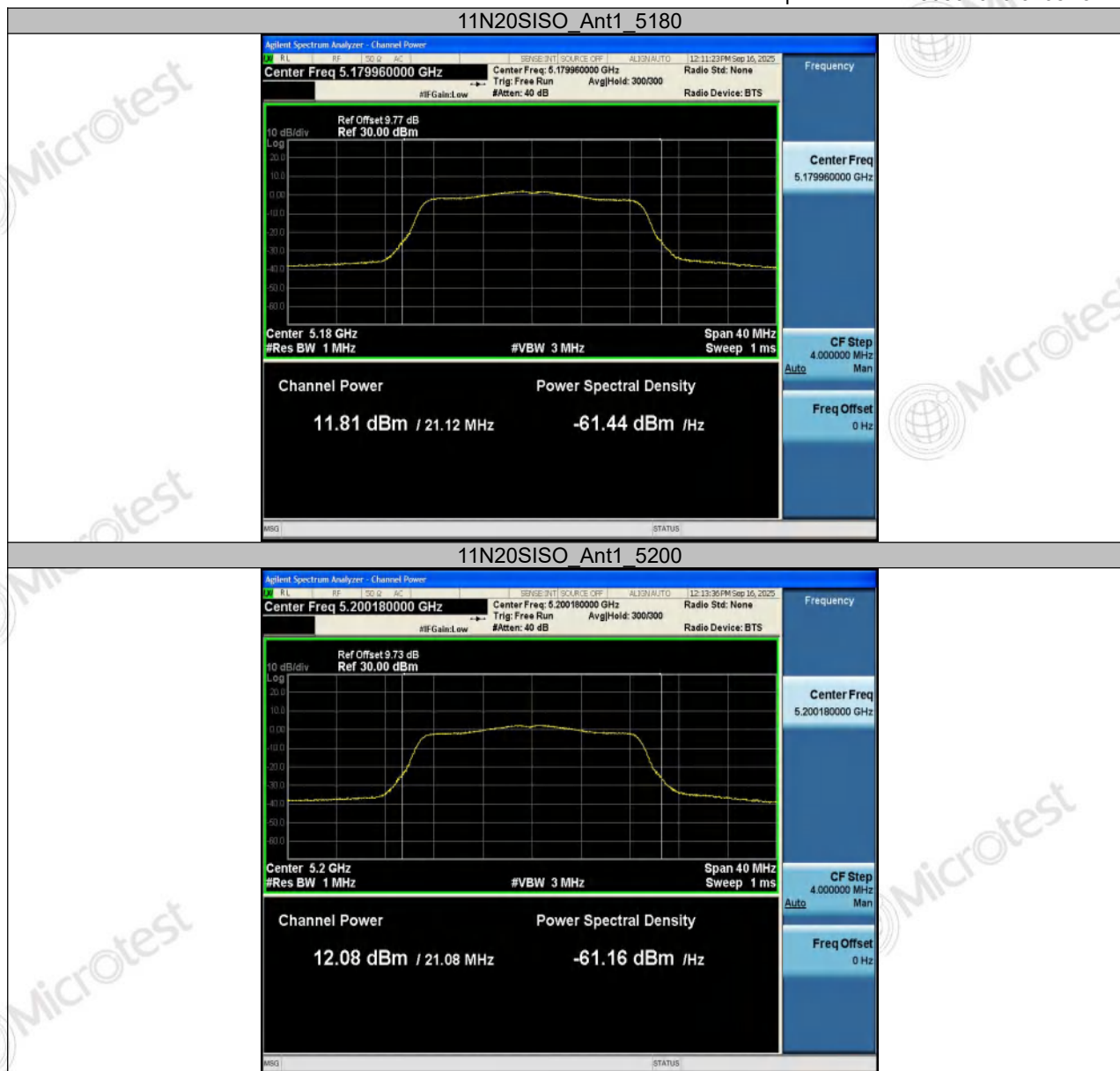
TEST REPORT

Report No.: MTi250807016-0108E3



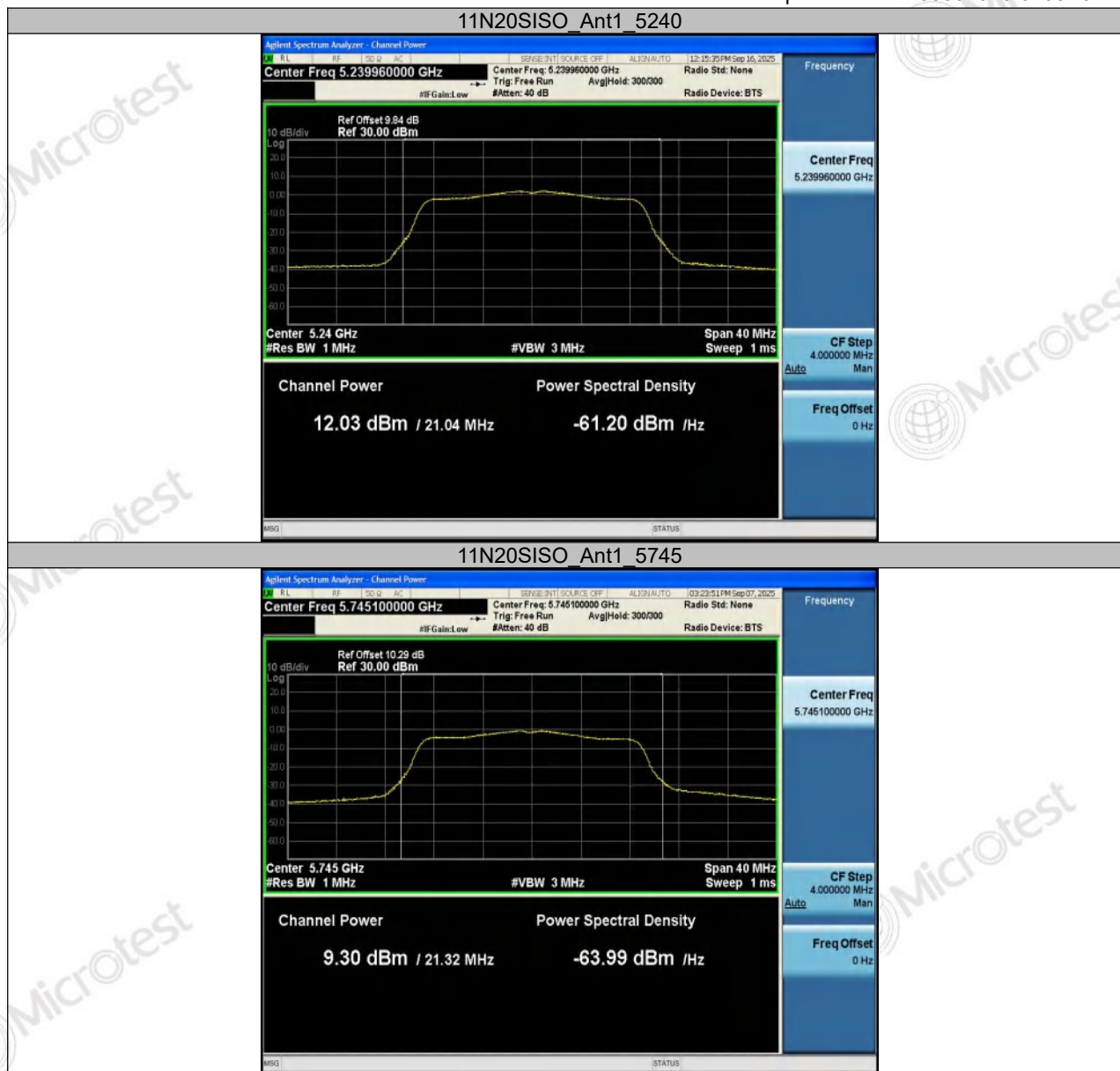
TEST REPORT

Report No.: MTi250807016-0108E3



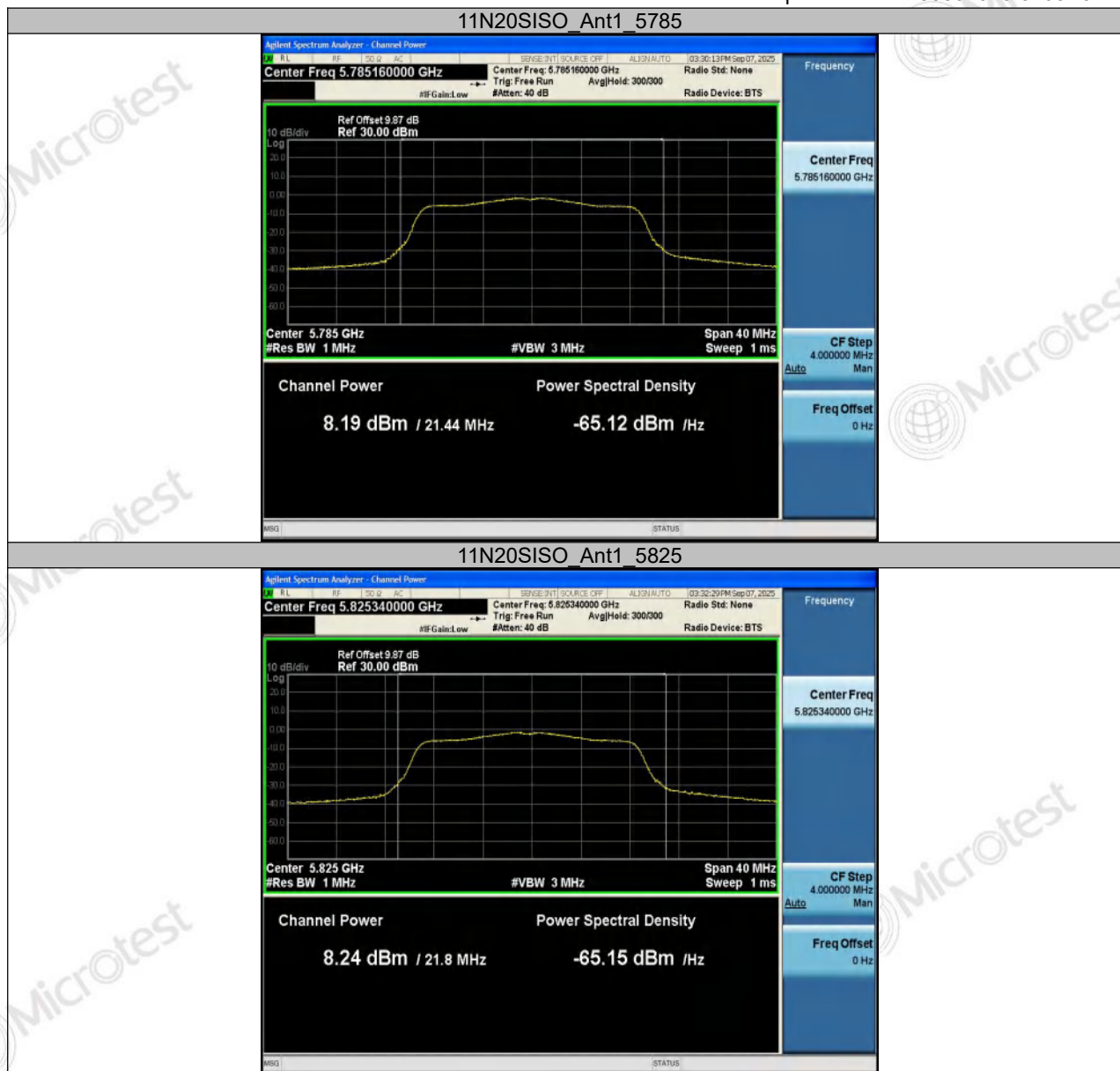
TEST REPORT

Report No.: MTI250807016-0108E3



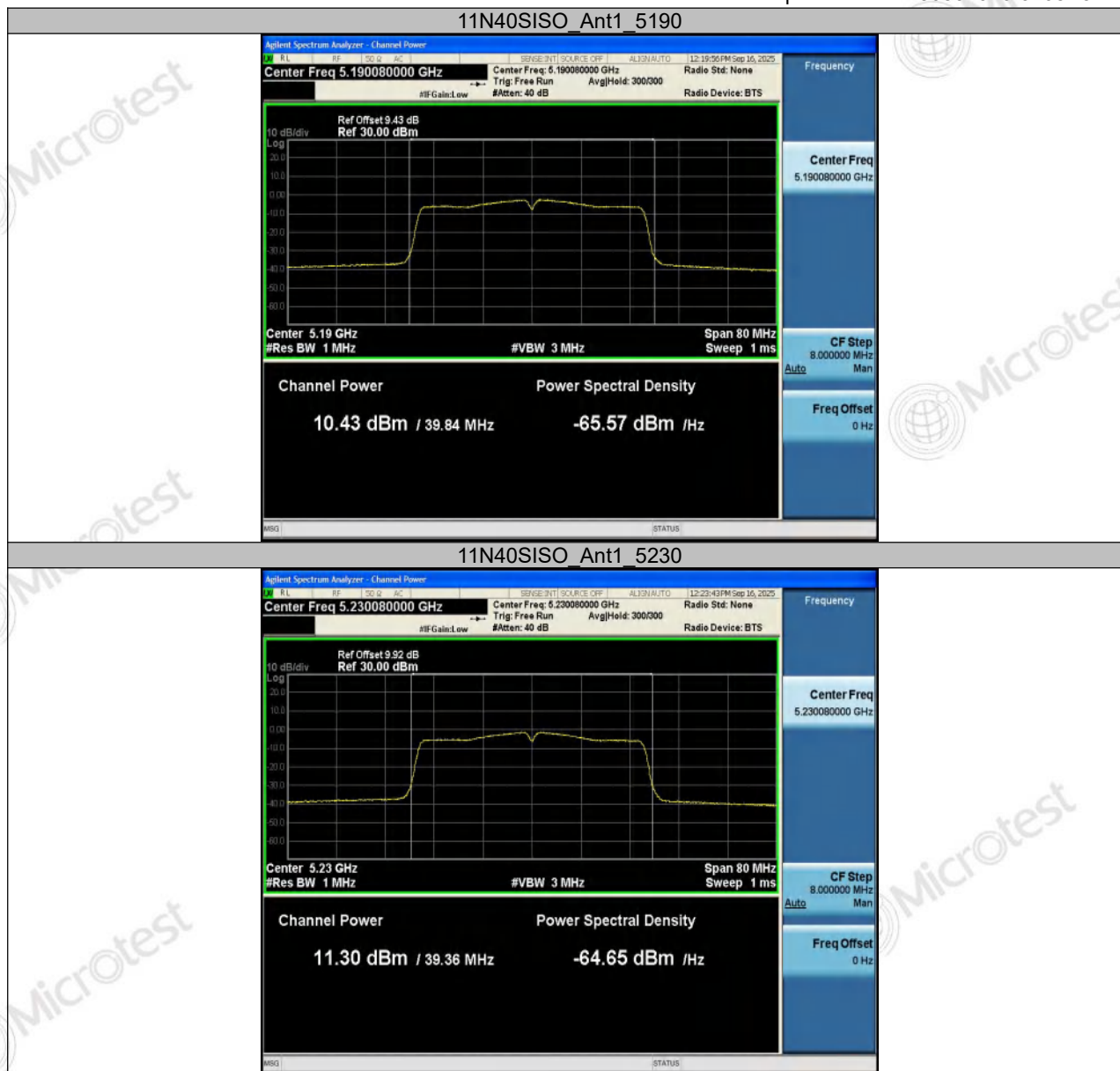
TEST REPORT

Report No.: MTi250807016-0108E3



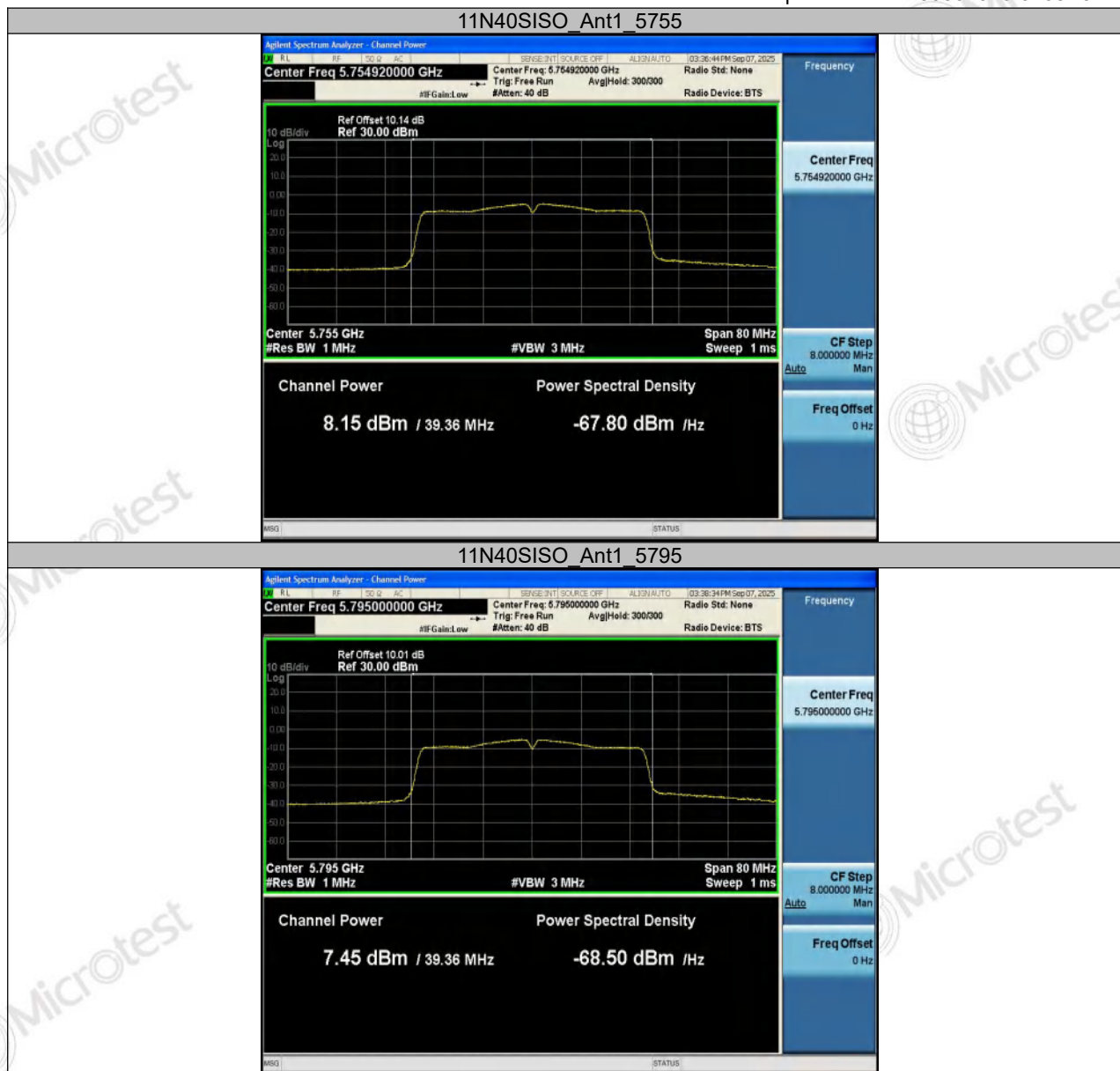
TEST REPORT

Report No.: MTi250807016-0108E3



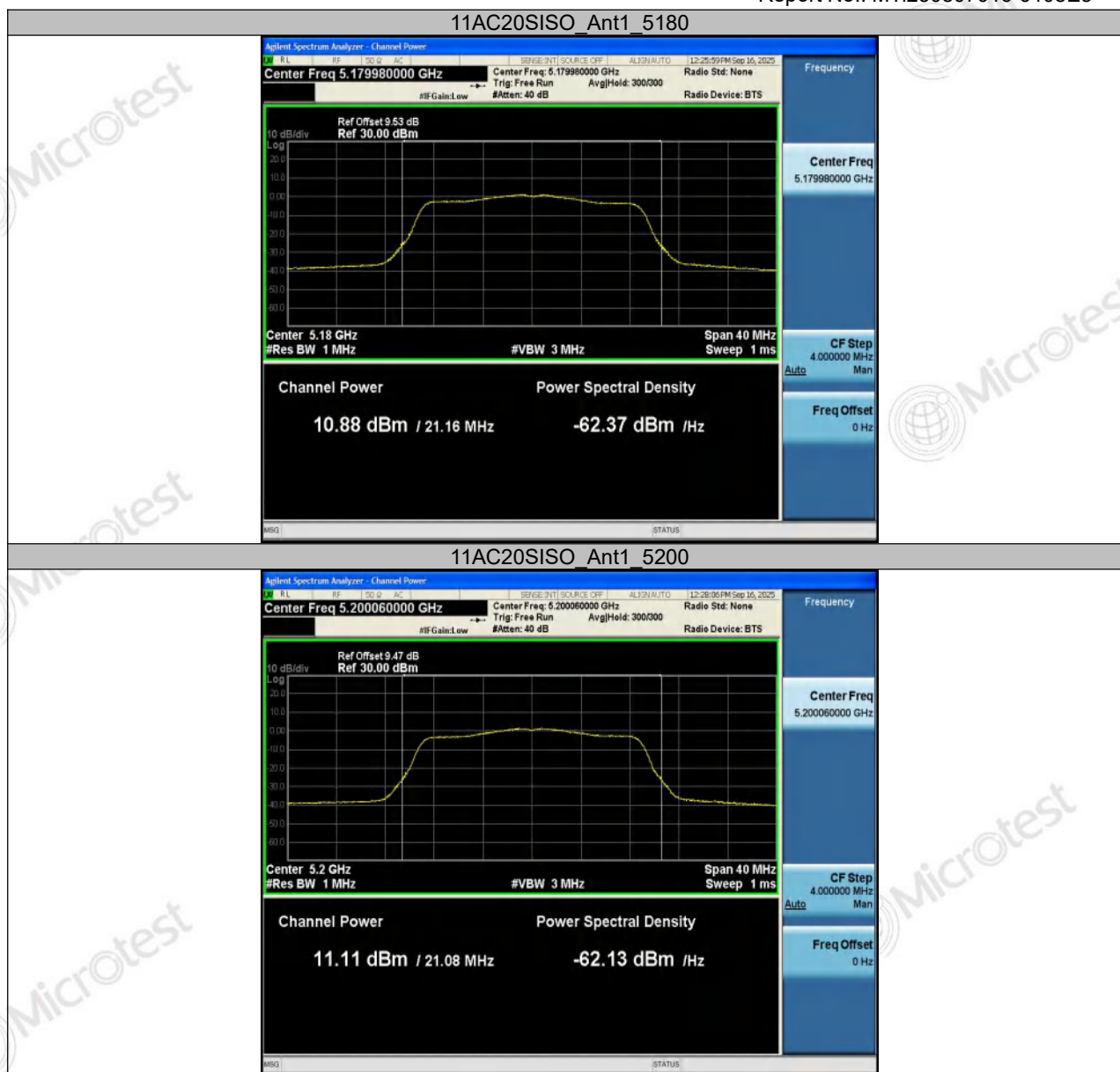
TEST REPORT

Report No.: MTi250807016-0108E3



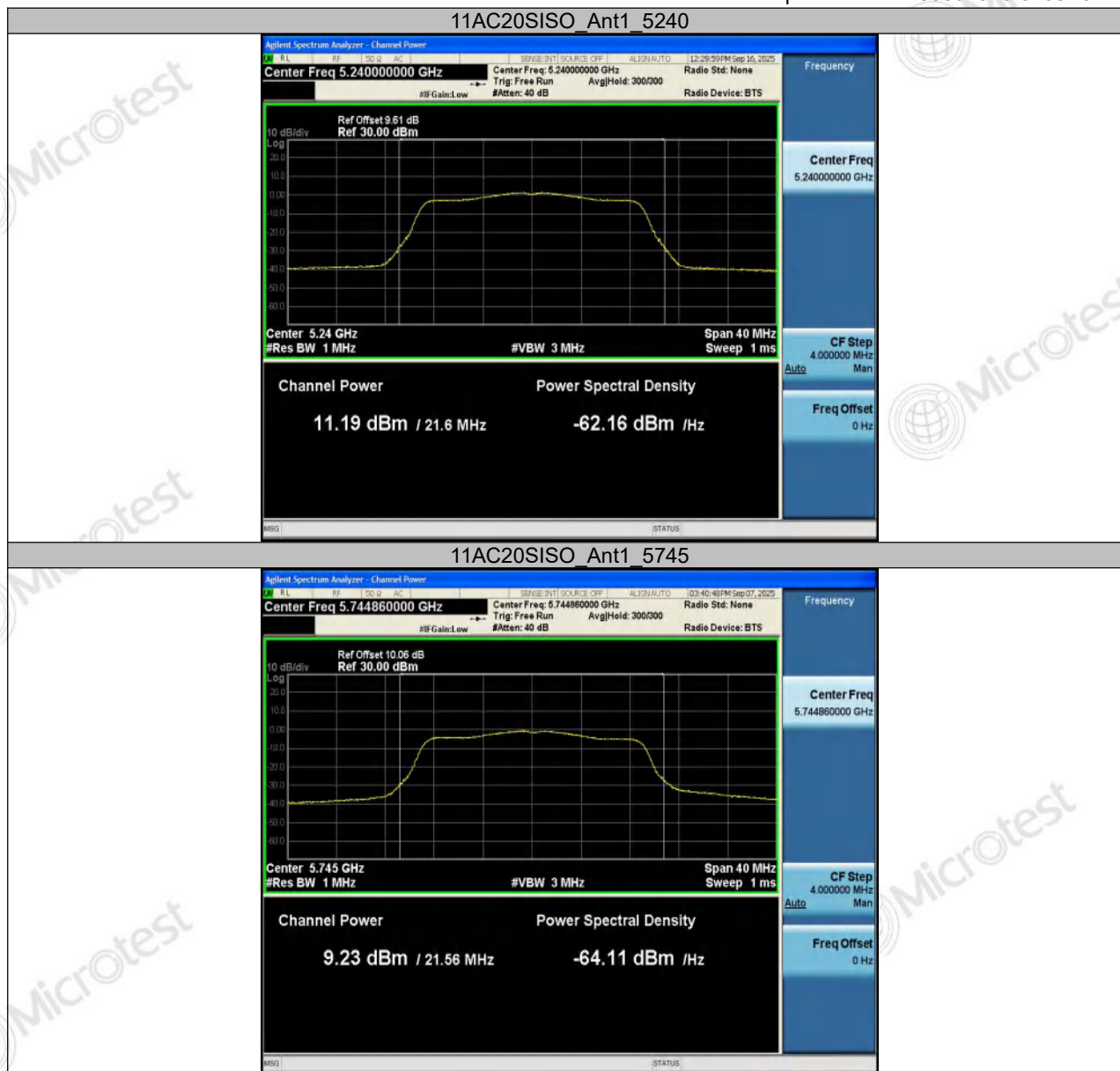
TEST REPORT

Report No.: MTI250807016-0108E3



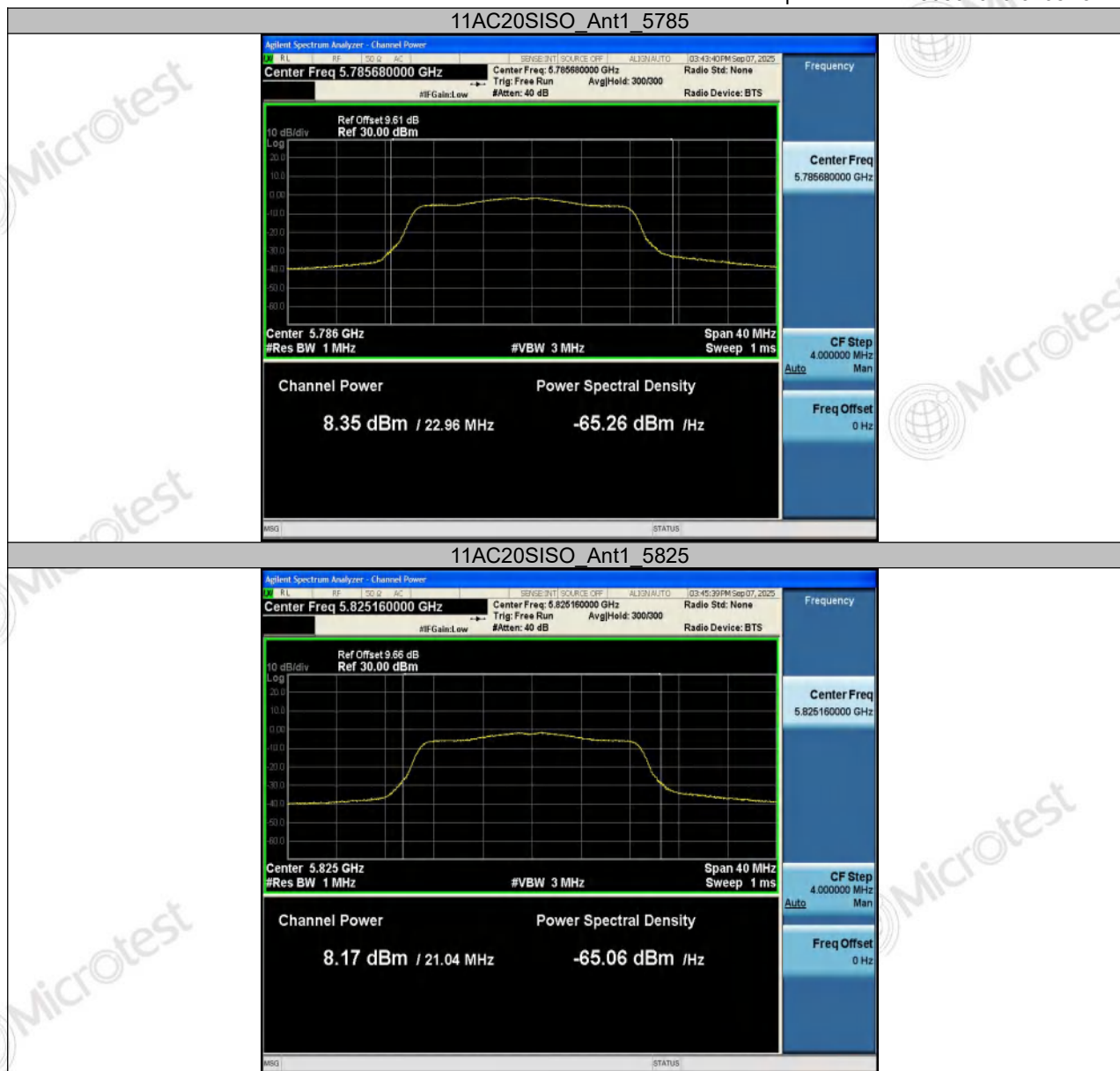
TEST REPORT

Report No.: MTi250807016-0108E3



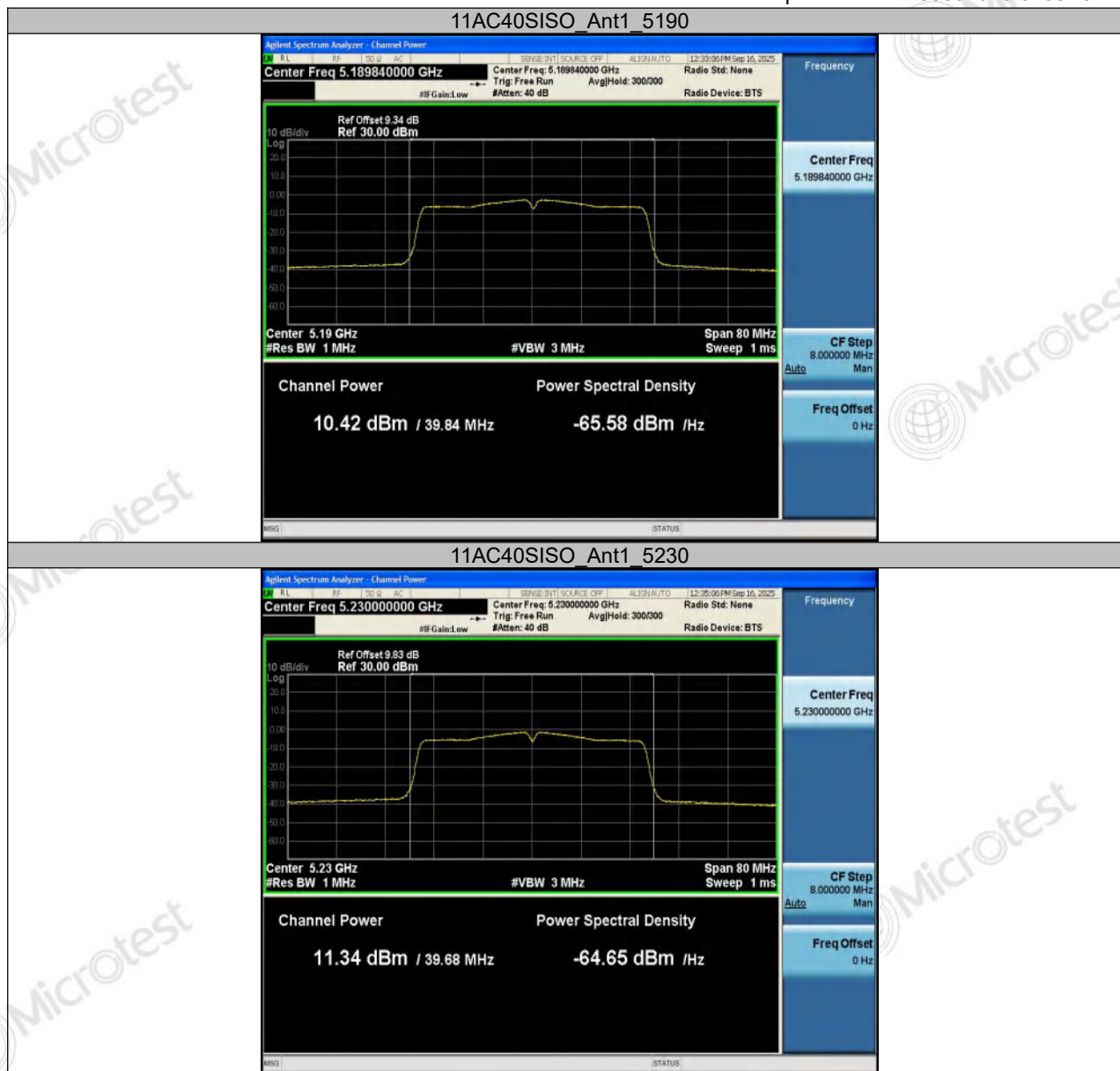
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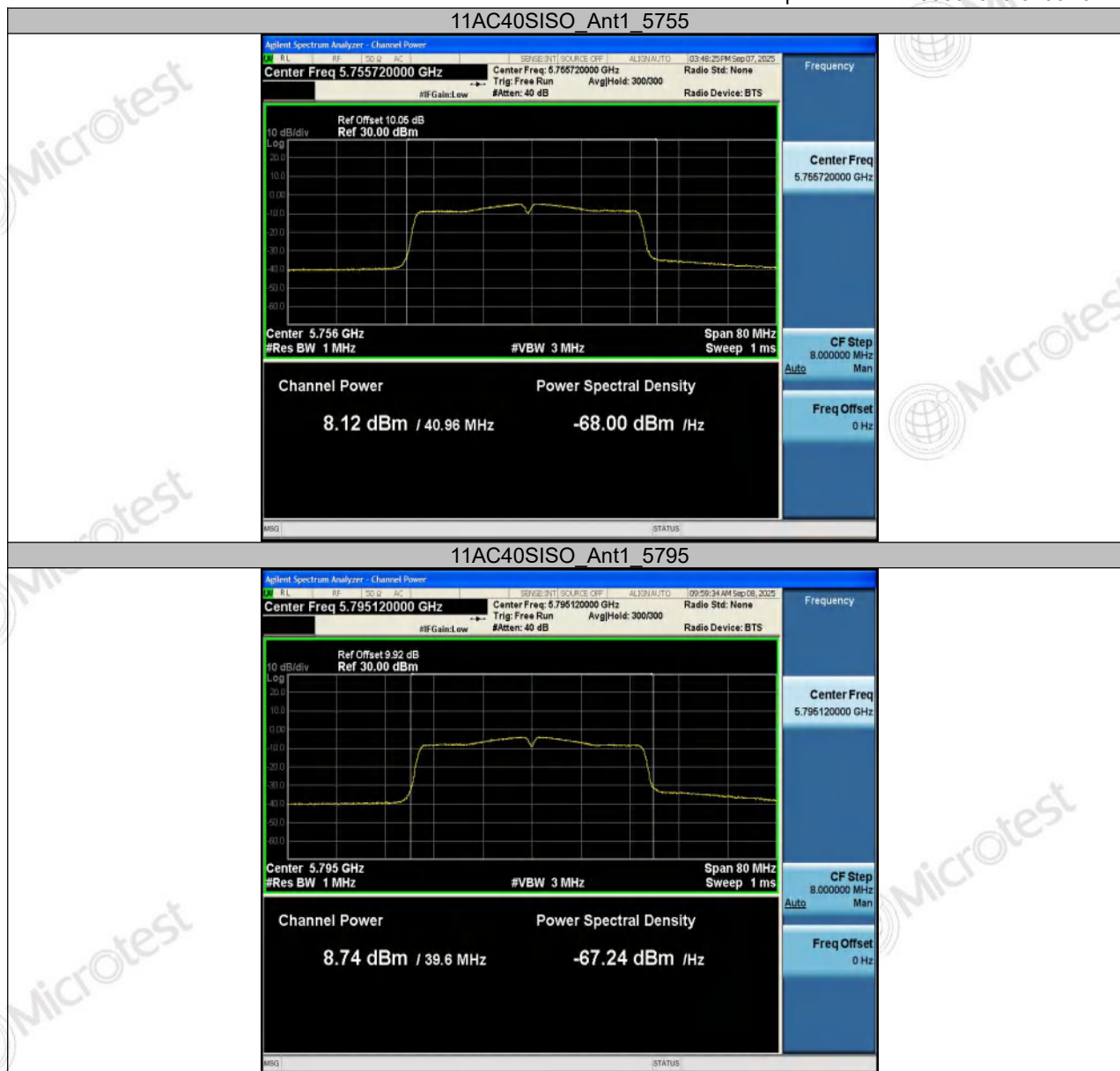
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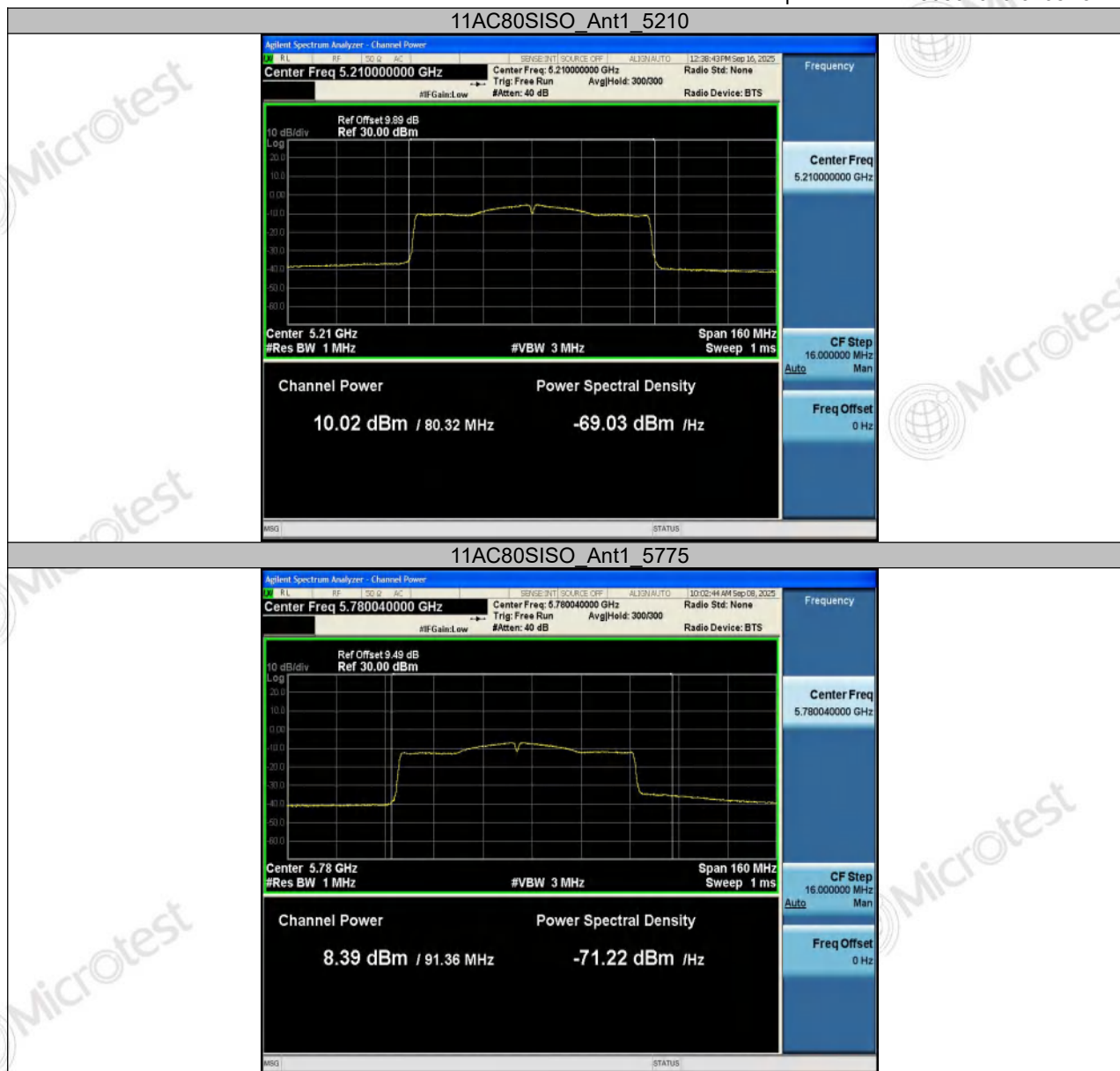
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Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	0.75	≤11.00	PASS
		5200	-0.09	≤11.00	PASS
		5240	-0.09	≤11.00	PASS
		5745	-1.43	≤30.00	PASS
		5785	-0.83	≤30.00	PASS
		5825	-1.51	≤30.00	PASS
11N20SISO	Ant1	5180	-0.91	≤11.00	PASS
		5200	0.59	≤11.00	PASS
		5240	0.43	≤11.00	PASS
		5745	-0.31	≤30.00	PASS
		5785	-0.19	≤30.00	PASS
		5825	-0.74	≤30.00	PASS
11N40SISO	Ant1	5190	-2.79	≤11.00	PASS
		5230	-2.03	≤11.00	PASS
		5755	-2.88	≤30.00	PASS
		5795	-3.36	≤30.00	PASS
11AC20SISO	Ant1	5180	0.22	≤11.00	PASS
		5200	-0.55	≤11.00	PASS
		5240	-0.16	≤11.00	PASS
		5745	-0.92	≤30.00	PASS
		5785	-1.04	≤30.00	PASS
		5825	-1.26	≤30.00	PASS
11AC40SISO	Ant1	5190	-2.56	≤11.00	PASS
		5230	-0.85	≤11.00	PASS
		5755	-6.19	≤30.00	PASS
		5795	-6.64	≤30.00	PASS
11AC80SISO	Ant1	5210	-7.73	≤11.00	PASS
		5775	-8.65	≤30.00	PASS

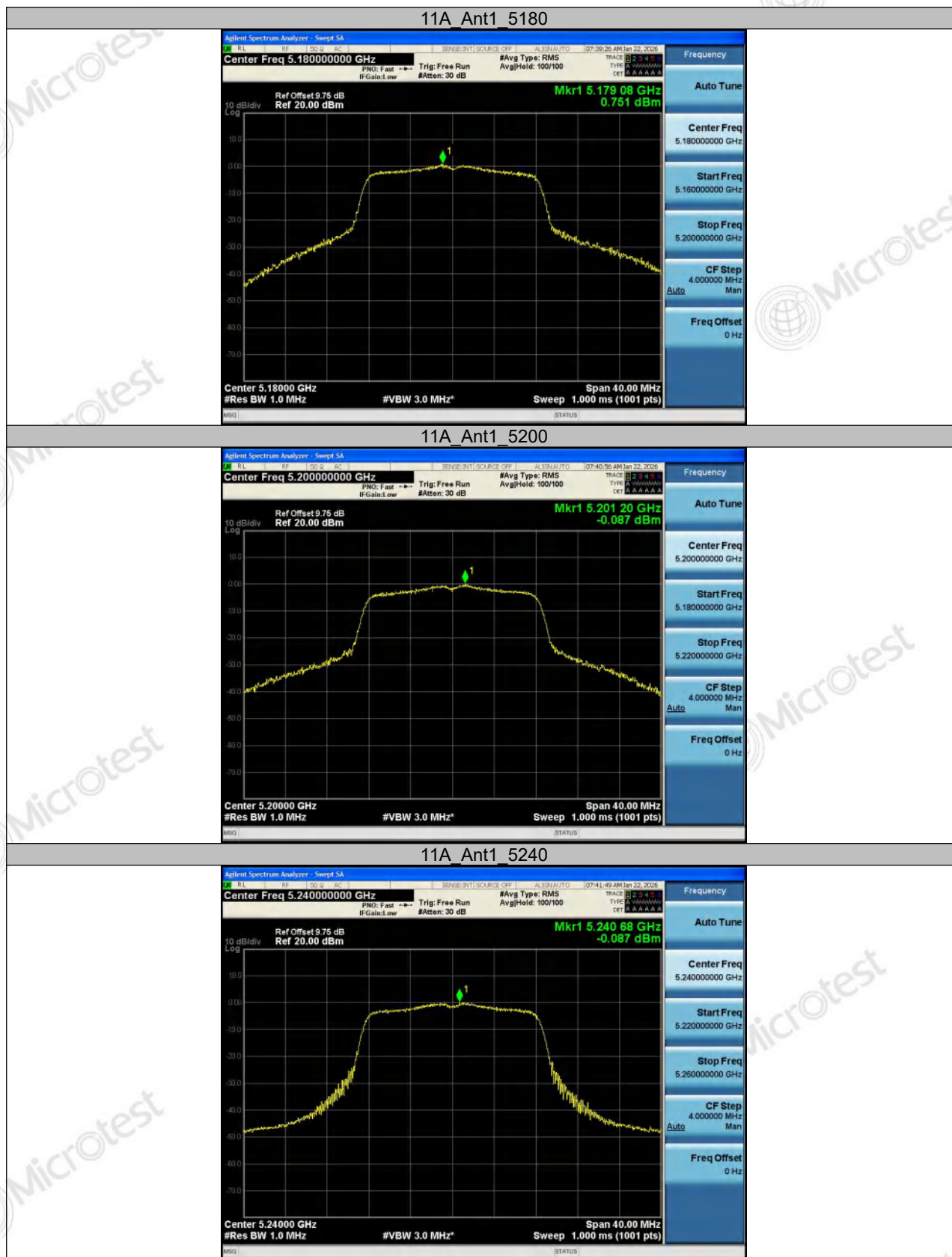
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

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

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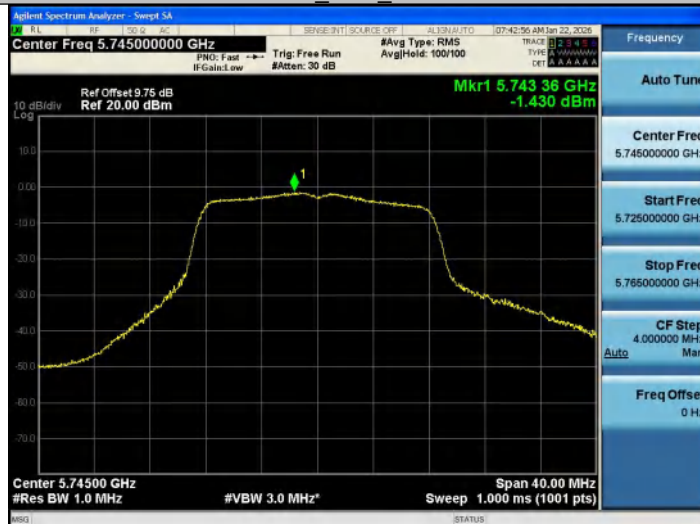
Test Graphs



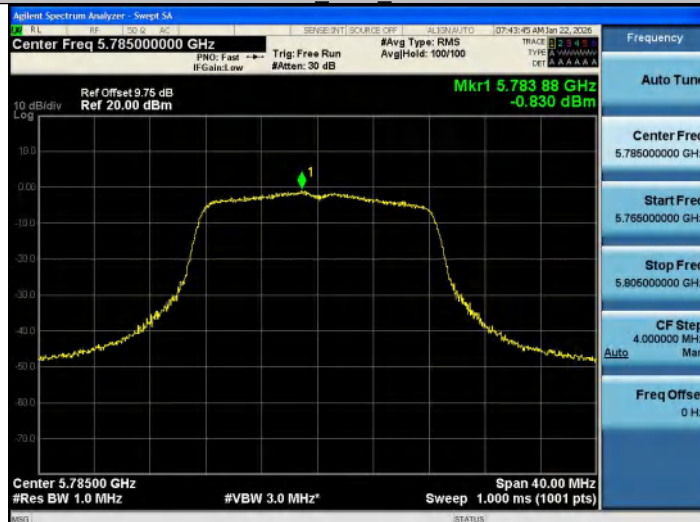
TEST REPORT

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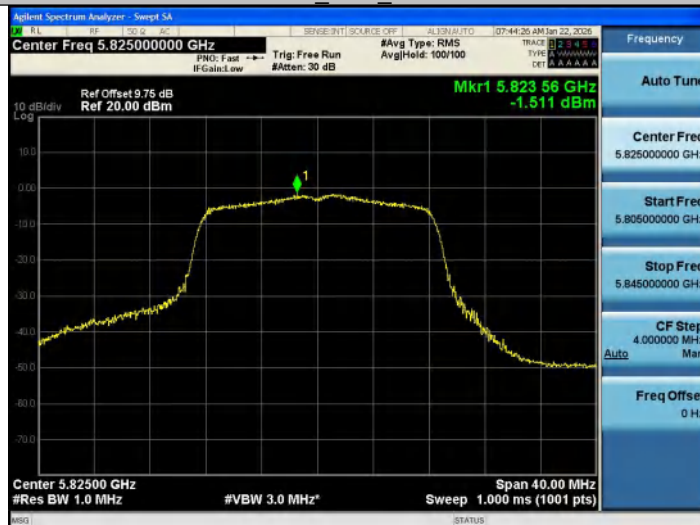
11A_Ant1_5745



11A_Ant1_5785

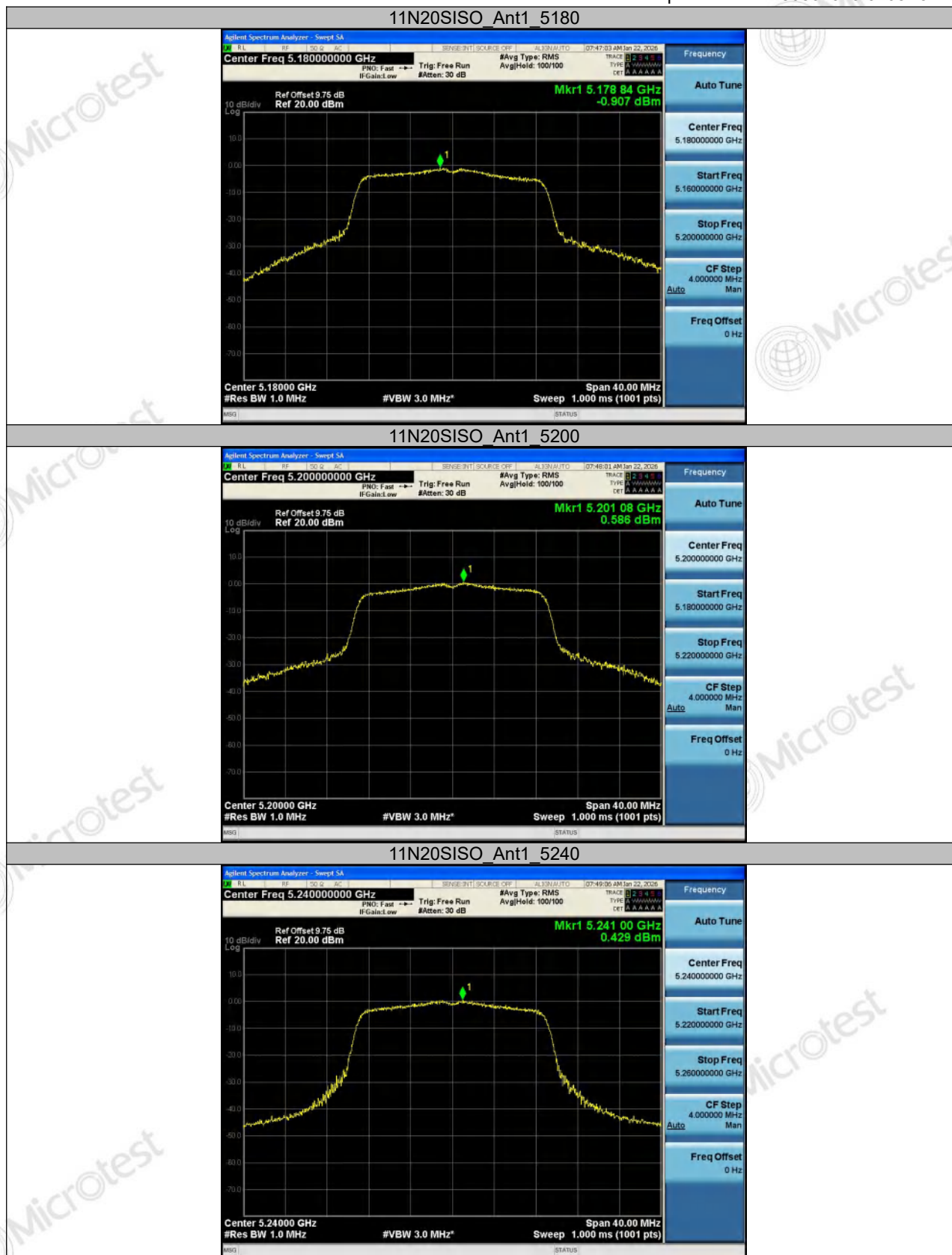


11A_Ant1_5825



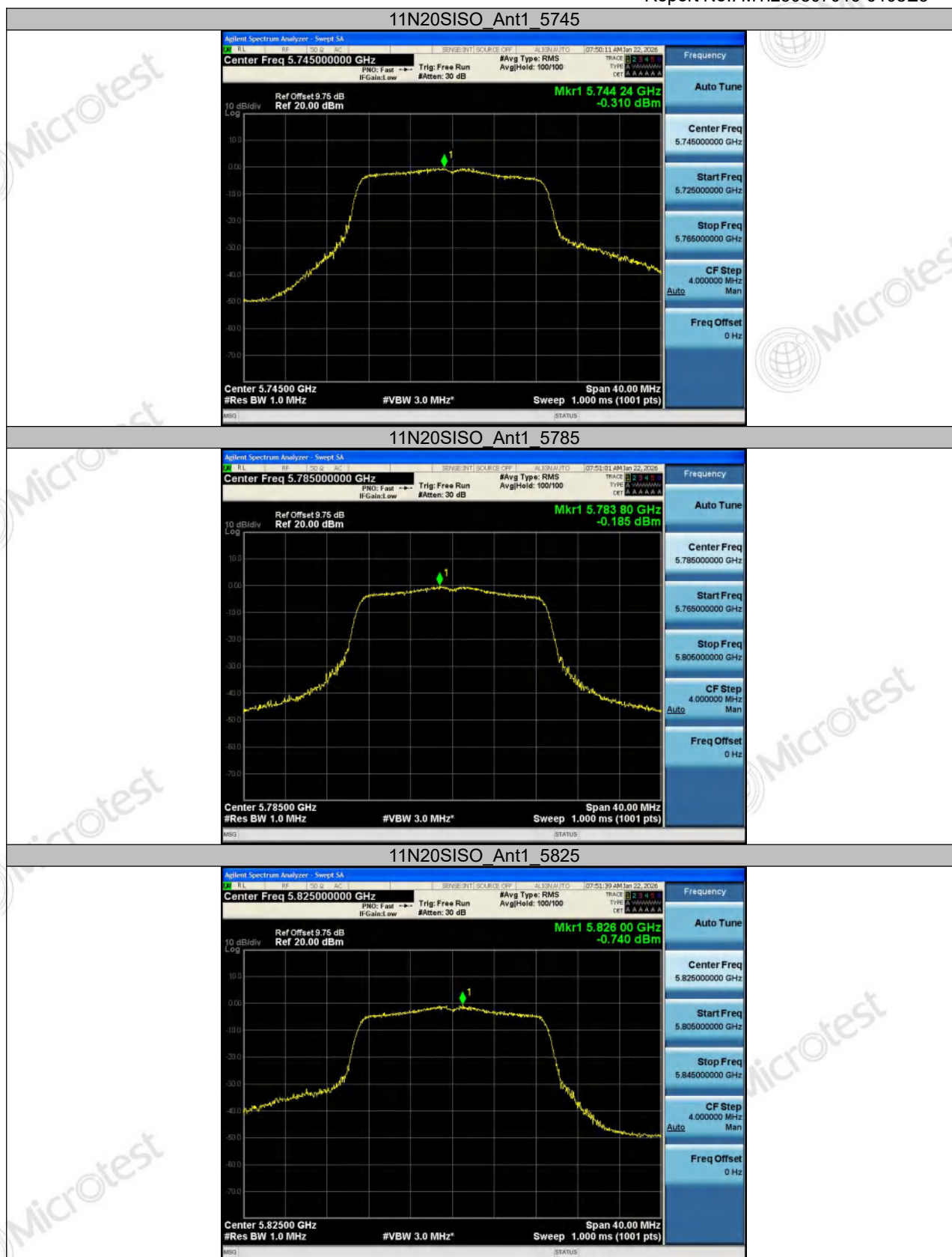
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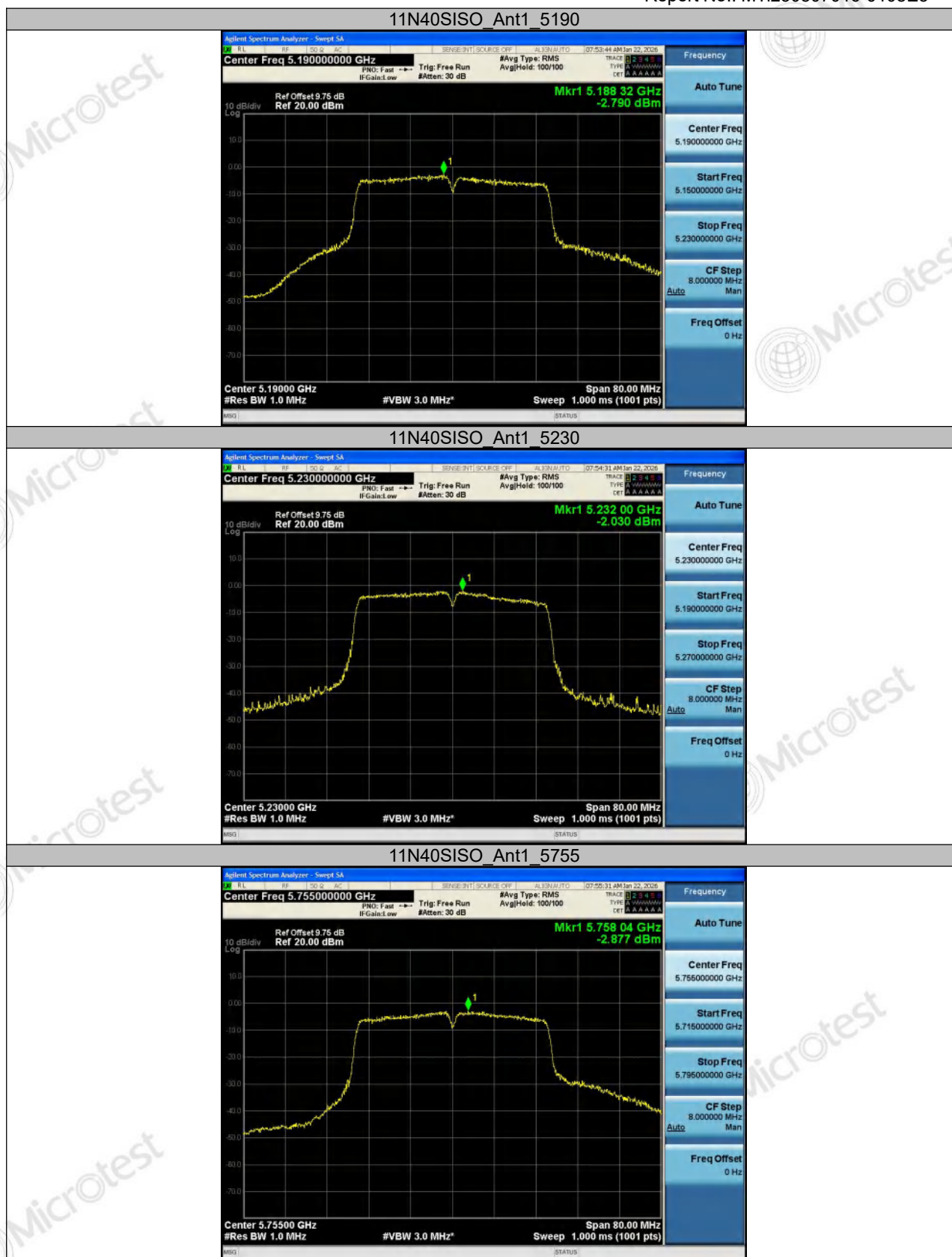
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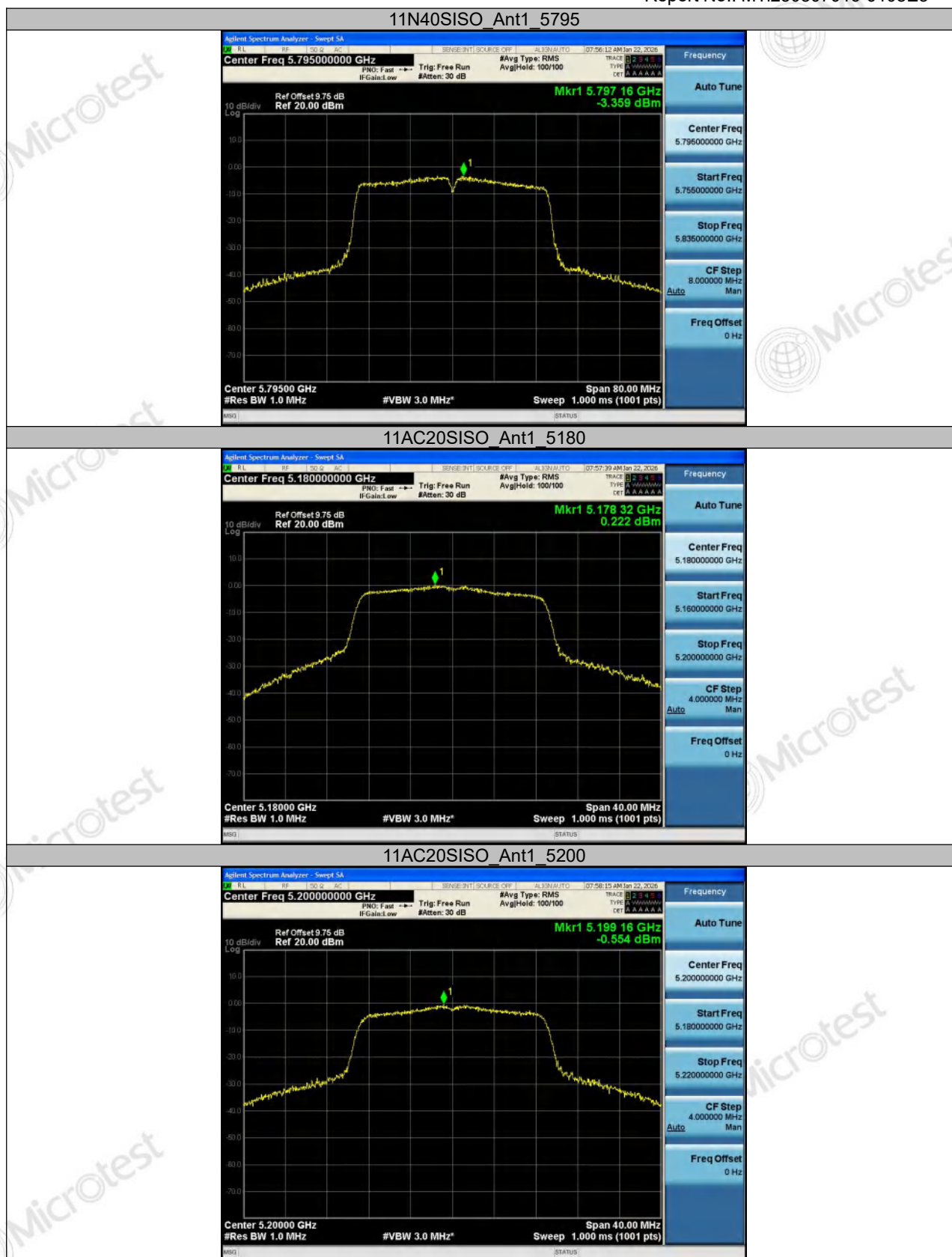
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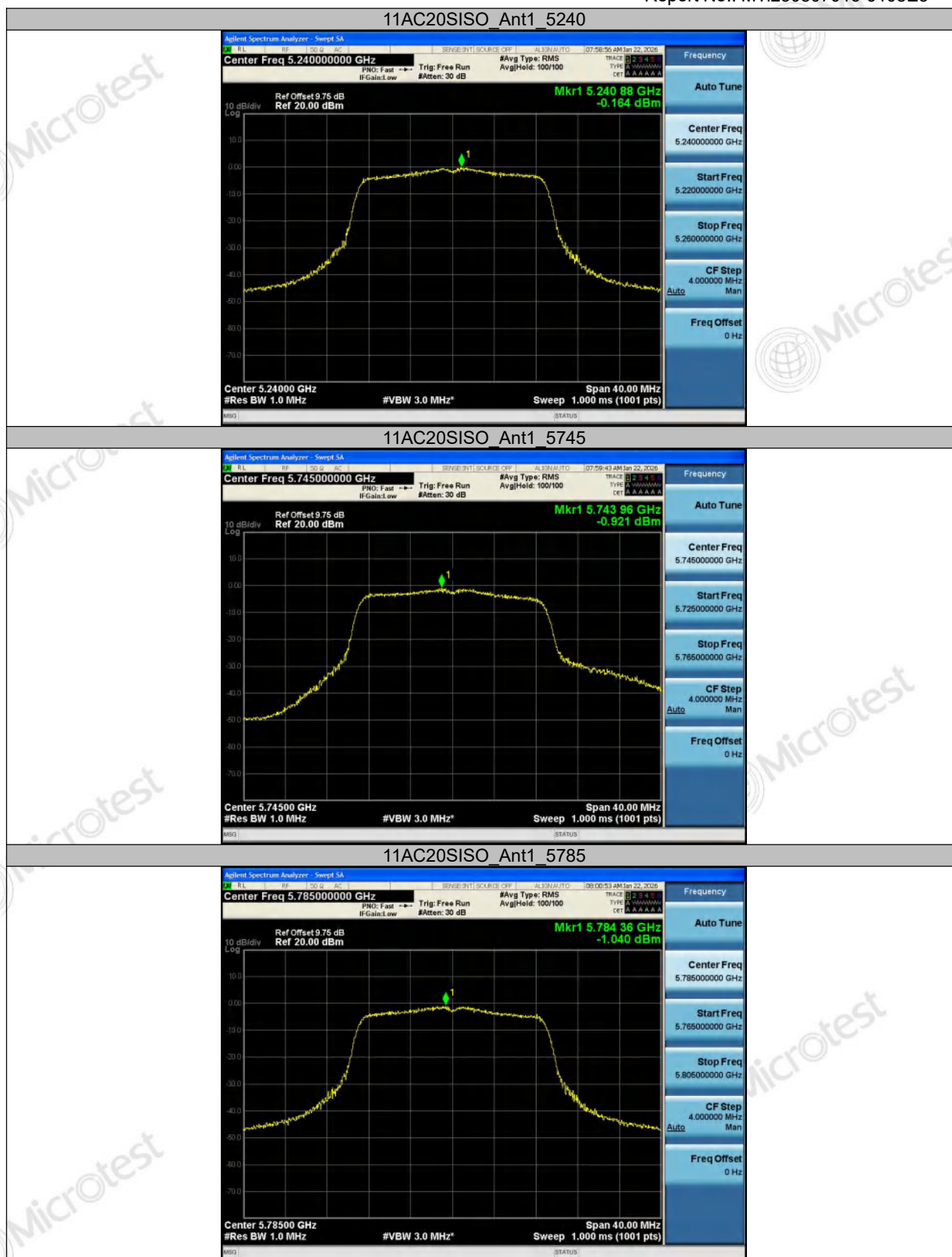
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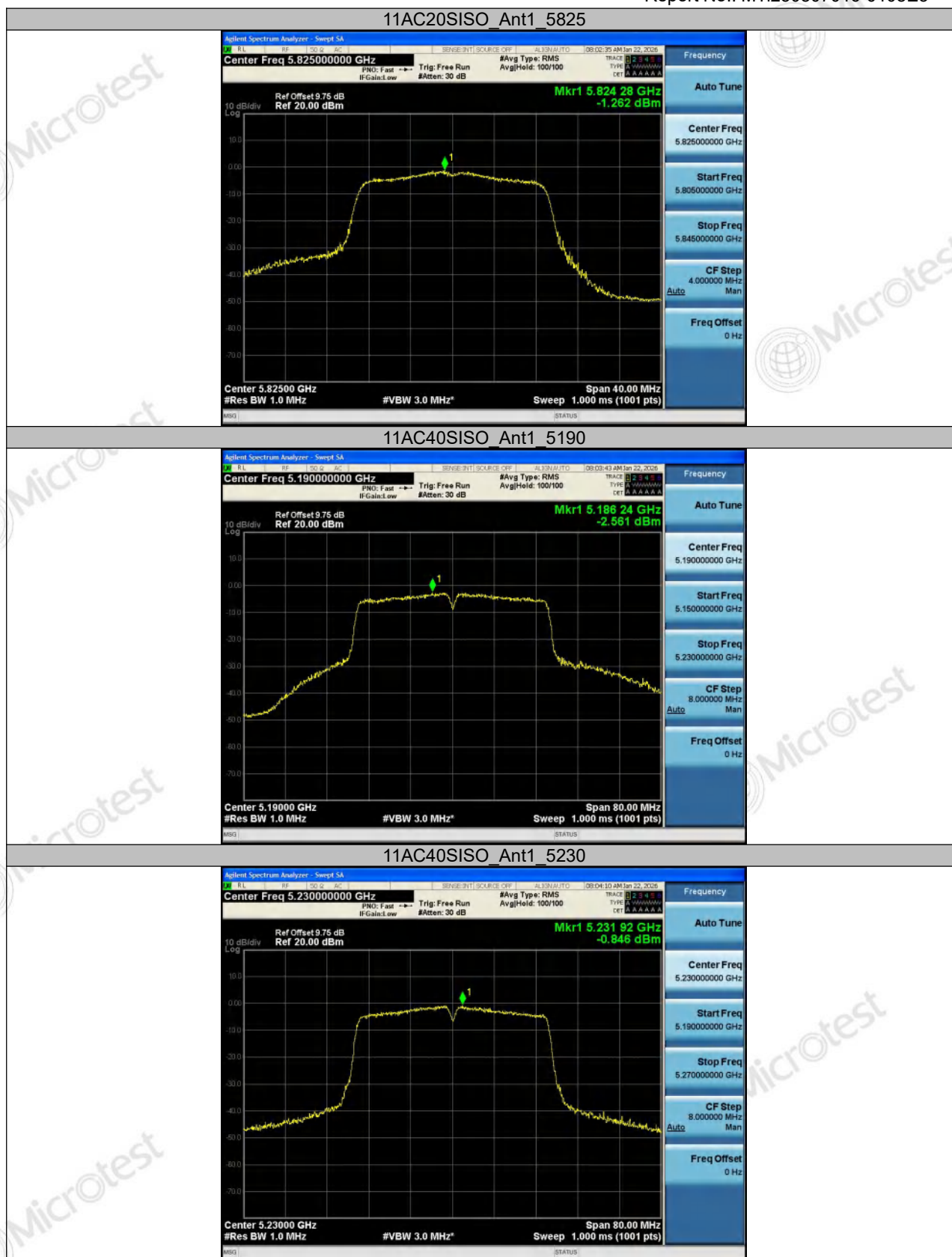
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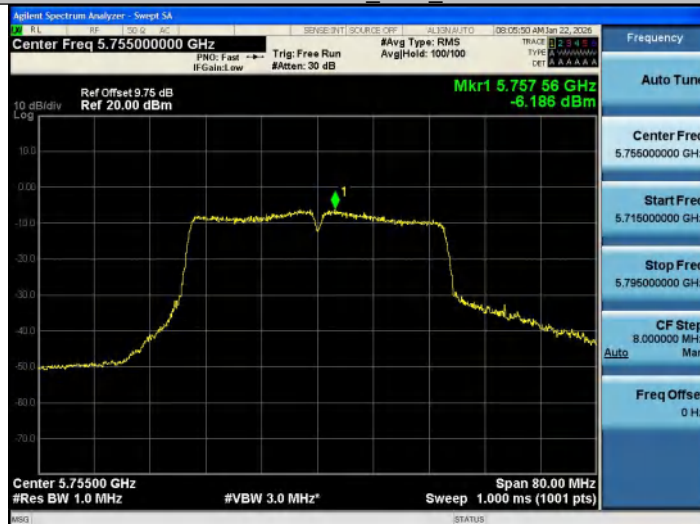
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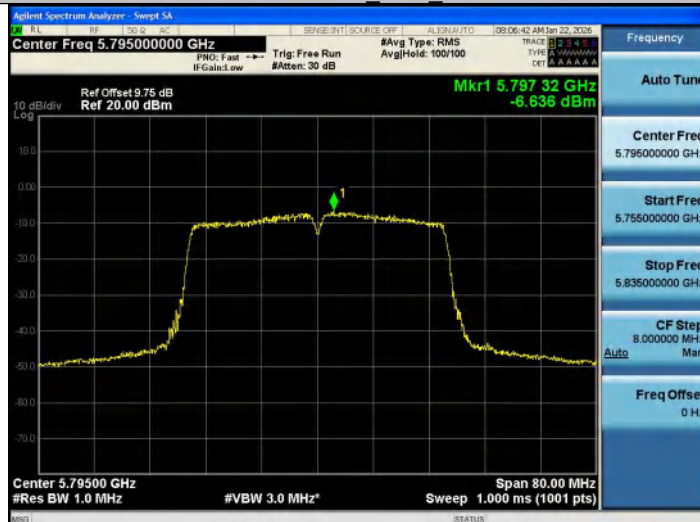
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11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



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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----

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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 *****