

TEST REPORT

Report No.: MTi250515021-0101E2

Mode1 / Polarization: Horizontal / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10480.000	44.36	10.53	54.89	74.00	-19.11	peak
2		10480.000	32.94	10.53	43.47	54.00	-10.53	AVG
3		15720.000	46.49	13.02	59.51	74.00	-14.49	peak
4	*	15720.000	34.67	13.02	47.69	54.00	-6.31	AVG

Mode1 / Polarization: Vertical / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10480.000	44.52	10.53	55.05	74.00	-18.95	peak
2		10480.000	33.83	10.53	44.36	54.00	-9.64	AVG
3		15720.000	46.86	13.02	59.88	74.00	-14.12	peak
4	*	15720.000	35.63	13.02	48.65	54.00	-5.35	AVG

TEST REPORT

Report No.: MTi250515021-0101E2

Mode1 / Polarization: Horizontal / CH: L

ANT1: Band 3

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11490.000	45.09	11.30	56.39	68.20	-11.81	peak
2		11490.000	33.81	11.30	45.11	54.00	-8.89	AVG
3		17235.000	45.48	13.81	59.29	68.20	-8.91	peak
4	*	17235.000	34.42	13.81	48.23	54.00	-5.77	AVG

Mode1 / Polarization: Vertical / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11490.000	44.16	11.30	55.46	68.20	-12.74	peak
2		11490.000	32.24	11.30	43.54	54.00	-10.46	AVG
3		17235.000	45.41	13.81	59.22	68.20	-8.98	peak
4	*	17235.000	34.81	13.81	48.62	54.00	-5.38	AVG

TEST REPORT

Report No.: MTi250515021-0101E2

Mode1 / Polarization: Horizontal / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11570.000	44.11	10.96	55.07	68.20	-13.13	peak
2		11570.000	33.39	10.96	44.35	54.00	-9.65	AVG
3		17355.000	45.65	14.11	59.76	68.20	-8.44	peak
4	*	17355.000	34.46	14.11	48.57	54.00	-5.43	AVG

Mode1 / Polarization: Vertical / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11570.000	44.32	10.96	55.28	68.20	-12.92	peak
2		11570.000	33.21	10.96	44.17	54.00	-9.83	AVG
3		17355.000	45.94	14.11	60.05	68.20	-8.15	peak
4	*	17355.000	35.26	14.11	49.37	54.00	-4.63	AVG

TEST REPORT

Report No.: MTi250515021-0101E2

Mode1 / Polarization: Horizontal / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11650.000	44.95	10.89	55.84	68.20	-12.36	peak
2		11650.000	33.32	10.89	44.21	54.00	-9.79	AVG
3		17475.000	45.70	14.40	60.10	68.20	-8.10	peak
4	*	17475.000	35.27	14.40	49.67	54.00	-4.33	AVG

Mode1 / Polarization: Vertical / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11650.000	45.38	10.89	56.27	68.20	-11.93	peak
2		11650.000	33.47	10.89	44.36	54.00	-9.64	AVG
3		17475.000	45.30	14.40	59.70	68.20	-8.50	peak
4	*	17475.000	33.09	14.40	47.49	54.00	-6.51	AVG

TEST REPORT

Report No.: MTi250515021-0101E2

Mode1 / Polarization: Horizontal / CH: L

ANT2: Band 1

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10360.000	44.60	10.59	55.19	74.00	-18.81	peak
2		10360.000	33.73	10.59	44.32	54.00	-9.68	AVG
3		15540.000	46.48	12.96	59.44	74.00	-14.56	peak
4	*	15540.000	35.71	12.96	48.67	54.00	-5.33	AVG

Mode1 / Polarization: Vertical / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10360.000	45.82	10.59	56.41	74.00	-17.59	peak
2		10360.000	34.68	10.59	45.27	54.00	-8.73	AVG
3		15540.000	46.29	12.96	59.25	74.00	-14.75	peak
4	*	15540.000	34.71	12.96	47.67	54.00	-6.33	AVG

TEST REPORT

Report No.: MTi250515021-0101E2

Mode1 / Polarization: Horizontal / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10400.000	44.77	10.65	55.42	74.00	-18.58	peak
2		10400.000	34.19	10.65	44.84	54.00	-9.16	AVG
3		15600.000	46.61	13.11	59.72	74.00	-14.28	peak
4	*	15600.000	35.63	13.11	48.74	54.00	-5.26	AVG

Mode1 / Polarization: Vertical / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10400.000	44.33	10.65	54.98	74.00	-19.02	peak
2		10400.000	32.71	10.65	43.36	54.00	-10.64	AVG
3		15600.000	46.79	13.11	59.90	74.00	-14.10	peak
4	*	15600.000	35.58	13.11	48.69	54.00	-5.31	AVG

TEST REPORT

Report No.: MTi250515021-0101E2

Mode1 / Polarization: Horizontal / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10480.000	44.58	10.53	55.11	74.00	-18.89	peak
2		10480.000	33.79	10.53	44.32	54.00	-9.68	AVG
3		15720.000	47.25	13.02	60.27	74.00	-13.73	peak
4	*	15720.000	36.65	13.02	49.67	54.00	-4.33	AVG

Mode1 / Polarization: Vertical / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10480.000	44.06	10.53	54.59	74.00	-19.41	peak
2		10480.000	32.69	10.53	43.22	54.00	-10.78	AVG
3		15720.000	46.83	13.02	59.85	74.00	-14.15	peak
4	*	15720.000	35.60	13.02	48.62	54.00	-5.38	AVG

TEST REPORT

Report No.: MTi250515021-0101E2

Mode1 / Polarization: Horizontal / CH: L

ANT2: Band 3

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11490.000	44.60	11.30	55.90	68.20	-12.30	peak
2		11490.000	33.08	11.30	44.38	54.00	-9.62	AVG
3		17235.000	45.75	13.81	59.56	68.20	-8.64	peak
4	*	17235.000	34.66	13.81	48.47	54.00	-5.53	AVG

Mode1 / Polarization: Vertical / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11490.000	45.05	11.30	56.35	68.20	-11.85	peak
2		11490.000	33.97	11.30	45.27	54.00	-8.73	AVG
3		17235.000	45.01	13.81	58.82	68.20	-9.38	peak
4	*	17235.000	33.58	13.81	47.39	54.00	-6.61	AVG

TEST REPORT

Report No.: MTi250515021-0101E2

Mode1 / Polarization: Horizontal / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11570.000	44.13	10.96	55.09	68.20	-13.11	peak
2		11570.000	34.18	10.96	45.14	54.00	-8.86	AVG
3		17355.000	45.57	14.11	59.68	68.20	-8.52	peak
4	*	17355.000	34.26	14.11	48.37	54.00	-5.63	AVG

Mode1 / Polarization: Vertical / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11570.000	45.18	10.96	56.14	68.20	-12.06	peak
2		11570.000	33.79	10.96	44.75	54.00	-9.25	AVG
3		17355.000	46.76	14.11	60.87	68.20	-7.33	peak
4	*	17355.000	34.24	14.11	48.35	54.00	-5.65	AVG

TEST REPORT

Report No.: MTi250515021-0101E2

Mode1 / Polarization: Horizontal / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11650.000	44.95	10.89	55.84	68.20	-12.36	peak
2		11650.000	33.37	10.89	44.26	54.00	-9.74	AVG
3		17475.000	45.83	14.40	60.23	68.20	-7.97	peak
4	*	17475.000	35.17	14.40	49.57	54.00	-4.43	AVG

Mode1 / Polarization: Vertical / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11650.000	45.20	10.89	56.09	68.20	-12.11	peak
2		11650.000	34.35	10.89	45.24	54.00	-8.76	AVG
3		17475.000	45.97	14.40	60.37	68.20	-7.83	peak
4	*	17475.000	34.29	14.40	48.69	54.00	-5.31	AVG

TEST REPORT

Report No.: MTi250515021-0101E2

Mode2 / Polarization: Horizontal / CH: L

Total: Band 1

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10360.000	43.99	10.59	54.58	74.00	-19.42	peak
2		10360.000	32.74	10.59	43.33	54.00	-10.67	AVG
3		15540.000	46.88	12.96	59.84	74.00	-14.16	peak
4	*	15540.000	35.61	12.96	48.57	54.00	-5.43	AVG

Mode2 / Polarization: Vertical / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10360.000	45.03	10.59	55.62	74.00	-18.38	peak
2		10360.000	33.06	10.59	43.65	54.00	-10.35	AVG
3		15540.000	46.65	12.96	59.61	74.00	-14.39	peak
4	*	15540.000	34.71	12.96	47.67	54.00	-6.33	AVG

TEST REPORT

Report No.: MTi250515021-0101E2

Mode2 / Polarization: Horizontal / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10400.000	43.86	10.65	54.51	74.00	-19.49	peak
2		10400.000	32.57	10.65	43.22	54.00	-10.78	AVG
3		15600.000	45.47	13.11	58.58	74.00	-15.42	peak
4	*	15600.000	34.05	13.11	47.16	54.00	-6.84	AVG

Mode2 / Polarization: Vertical / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10400.000	44.04	10.65	54.69	74.00	-19.31	peak
2		10400.000	32.60	10.65	43.25	54.00	-10.75	AVG
3		15600.000	46.03	13.11	59.14	74.00	-14.86	peak
4	*	15600.000	35.56	13.11	48.67	54.00	-5.33	AVG

TEST REPORT

Report No.: MTi250515021-0101E2

Mode2 / Polarization: Horizontal / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10480.000	44.60	10.53	55.13	74.00	-18.87	peak
2		10480.000	33.79	10.53	44.32	54.00	-9.68	AVG
3		15720.000	46.69	13.02	59.71	74.00	-14.29	peak
4	*	15720.000	35.67	13.02	48.69	54.00	-5.31	AVG

Mode2 / Polarization: Vertical / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10480.000	44.73	10.53	55.26	74.00	-18.74	peak
2		10480.000	33.85	10.53	44.38	54.00	-9.62	AVG
3		15720.000	46.85	13.02	59.87	74.00	-14.13	peak
4	*	15720.000	35.60	13.02	48.62	54.00	-5.38	AVG

TEST REPORT

Report No.: MTi250515021-0101E2

Mode2 / Polarization: Horizontal / CH: L

Total: Band 3

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11490.000	44.34	11.30	55.64	68.20	-12.56	peak
2		11490.000	32.93	11.30	44.23	54.00	-9.77	AVG
3		17235.000	44.98	13.81	58.79	68.20	-9.41	peak
4	*	17235.000	33.68	13.81	47.49	54.00	-6.51	AVG

Mode2 / Polarization: Vertical / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11490.000	43.69	11.30	54.99	68.20	-13.21	peak
2		11490.000	31.92	11.30	43.22	54.00	-10.78	AVG
3		17235.000	45.59	13.81	59.40	68.20	-8.80	peak
4	*	17235.000	34.55	13.81	48.36	54.00	-5.64	AVG

TEST REPORT

Report No.: MTi250515021-0101E2

Mode2 / Polarization: Horizontal / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11570.000	45.35	10.96	56.31	68.20	-11.89	peak
2		11570.000	34.31	10.96	45.27	54.00	-8.73	AVG
3		17355.000	45.34	14.11	59.45	68.20	-8.75	peak
4	*	17355.000	34.12	14.11	48.23	54.00	-5.77	AVG

Mode2 / Polarization: Vertical / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11570.000	43.89	10.96	54.85	68.20	-13.35	peak
2		11570.000	33.41	10.96	44.37	54.00	-9.63	AVG
3		17355.000	45.64	14.11	59.75	68.20	-8.45	peak
4	*	17355.000	34.15	14.11	48.26	54.00	-5.74	AVG

TEST REPORT

Report No.: MTi250515021-0101E2

Mode2 / Polarization: Horizontal / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11650.000	45.27	10.89	56.16	68.20	-12.04	peak
2		11650.000	34.43	10.89	45.32	54.00	-8.68	AVG
3		17475.000	45.84	14.40	60.24	68.20	-7.96	peak
4	*	17475.000	34.27	14.40	48.67	54.00	-5.33	AVG

Mode2 / Polarization: Vertical / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11650.000	44.75	10.89	55.64	68.20	-12.56	peak
2		11650.000	33.49	10.89	44.38	54.00	-9.62	AVG
3		17475.000	45.60	14.40	60.00	68.20	-8.20	peak
4	*	17475.000	35.34	14.40	49.74	54.00	-4.26	AVG

TEST REPORT

Report No.: MTi250515021-0101E2

Photographs of the test setup

Refer to Appendix - Test Setup Photos

TEST REPORT

Report No.: MTi250515021-0101E2

Photographs of the EUT

Refer to Appendix - EUT Photos

Appendix

TEST REPORT

Report No.: MTi250515021-0101E2

Appendix A1: Emission bandwidth (26dB bandwidth)

Test Result

Test Mode	Antenna	Frequency [MHz]	26db EBW [MHz]
11A	Ant1	5180	18.440
	Ant2	5180	18.440
	Ant1	5200	18.560
	Ant2	5200	18.120
	Ant1	5240	18.640
	Ant2	5240	18.280
	Ant1	5745	18.600
	Ant2	5745	18.440
	Ant1	5785	18.200
	Ant2	5785	18.400
	Ant1	5825	18.240
	Ant2	5825	18.440
11N20SISO	Ant1	5180	19.160
	Ant2	5180	19.160
	Ant1	5200	19.280
	Ant2	5200	19.160
	Ant1	5240	19.160
	Ant2	5240	19.440
	Ant1	5745	19.320
	Ant2	5745	19.280
	Ant1	5785	19.360
	Ant2	5785	19.400
	Ant1	5825	19.240
	Ant2	5825	19.240
11N40SISO	Ant1	5190	40.800
	Ant2	5190	39.600
	Ant1	5230	39.520
	Ant2	5230	40.400
	Ant1	5755	41.200
	Ant2	5755	40.800
	Ant1	5795	40.240
	Ant2	5795	40.320
11AC20SISO	Ant1	5180	19.200
	Ant2	5180	19.320
	Ant1	5200	19.400
	Ant2	5200	19.240
	Ant1	5240	19.160
	Ant2	5240	19.400
	Ant1	5745	19.200
	Ant2	5745	19.200
	Ant1	5785	19.280
	Ant2	5785	19.120
	Ant1	5825	19.360
	Ant2	5825	19.240
11AC40SISO	Ant1	5190	40.080
	Ant2	5190	40.800
	Ant1	5230	40.160
	Ant2	5230	39.760
	Ant1	5755	39.840
	Ant2	5755	40.320
	Ant1	5795	41.040

TEST REPORT

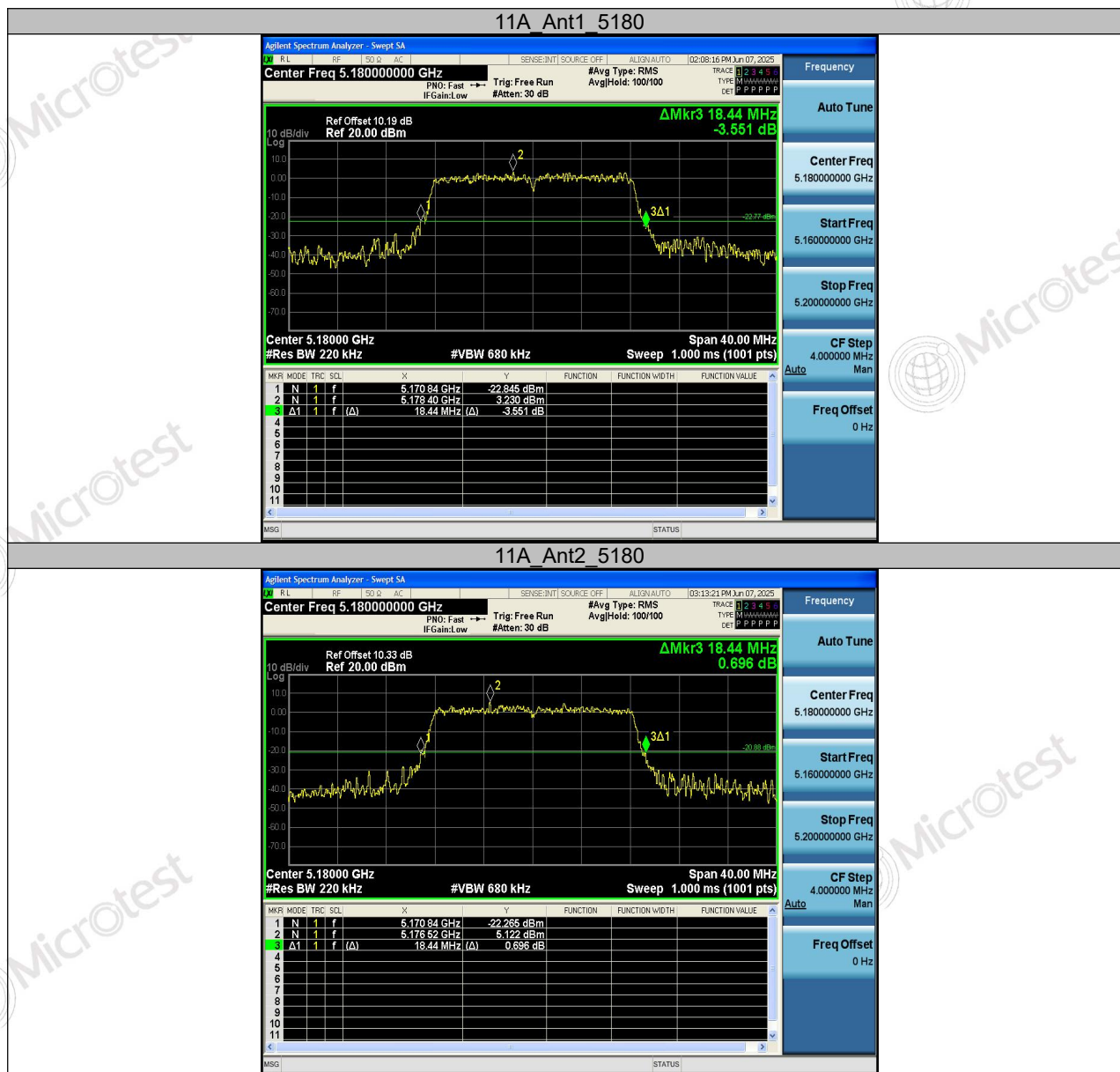
Report No.: MTi250515021-0101E2

11AC80SISO	Ant2	5795	40.000
	Ant1	5210	80.000
	Ant2	5210	80.800
	Ant1	5775	80.800
	Ant2	5775	80.480

TEST REPORT

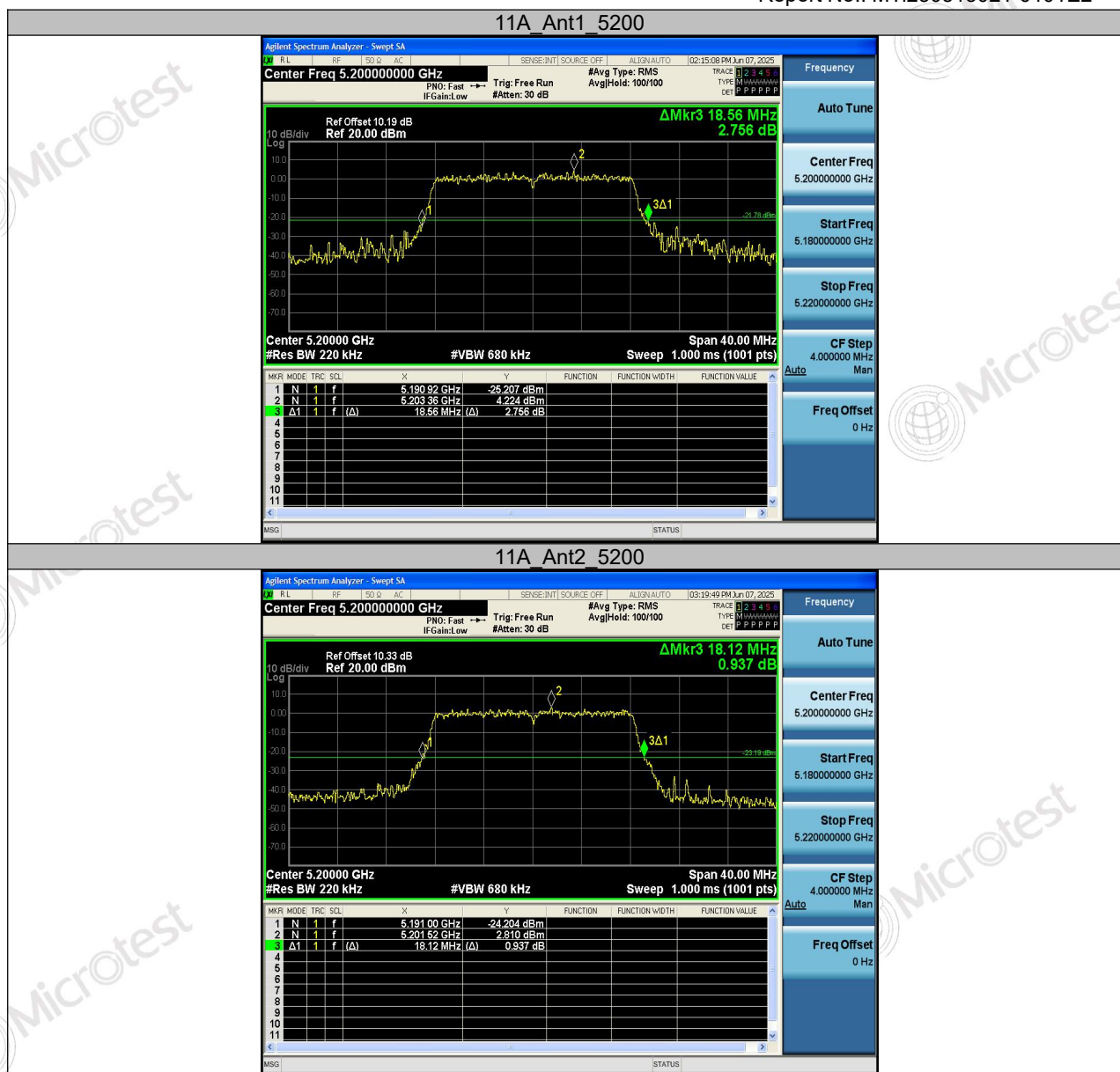
Report No.: MTi250515021-0101E2

Test Graphs



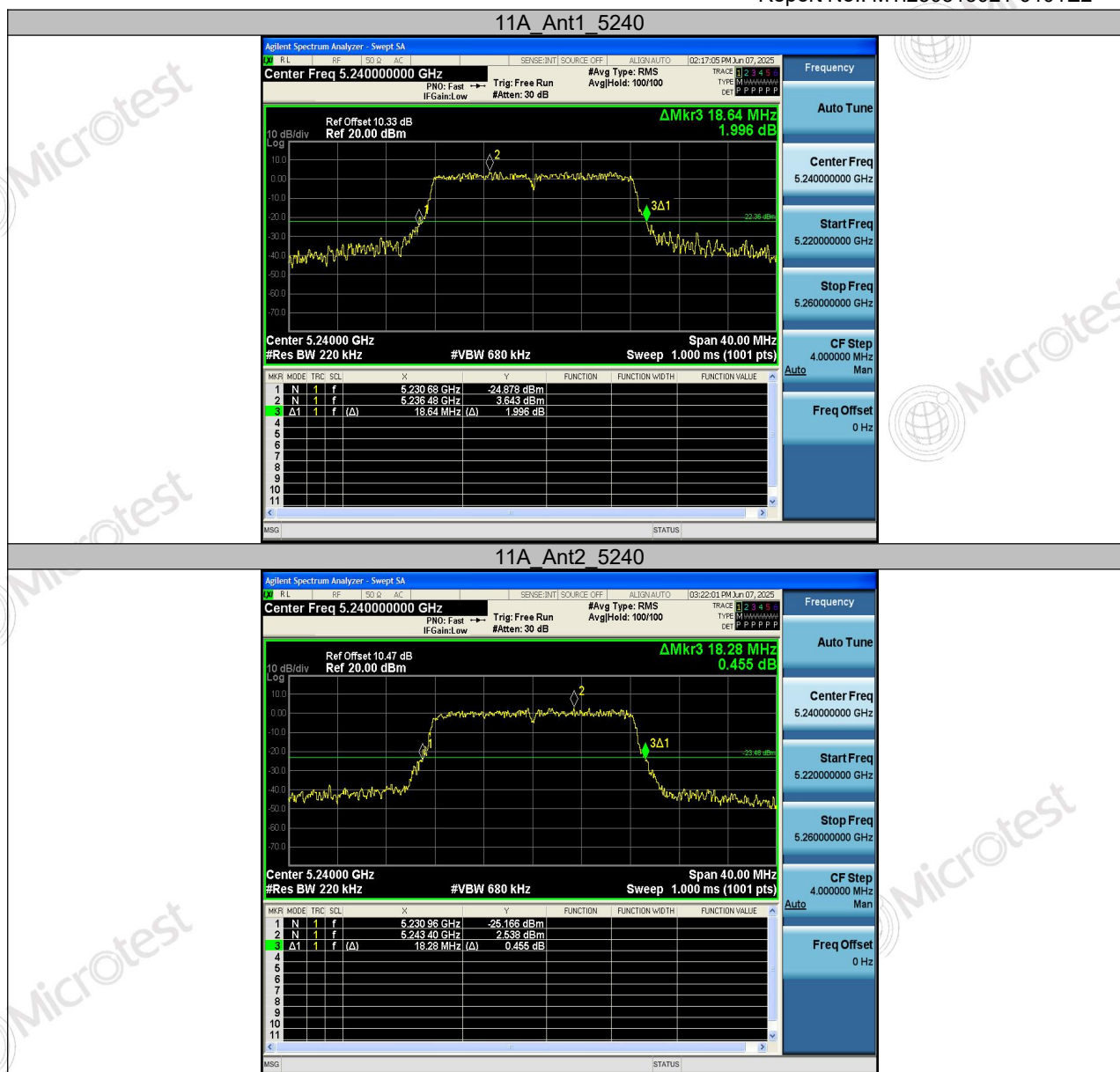
TEST REPORT

Report No.: MTI250515021-0101E2



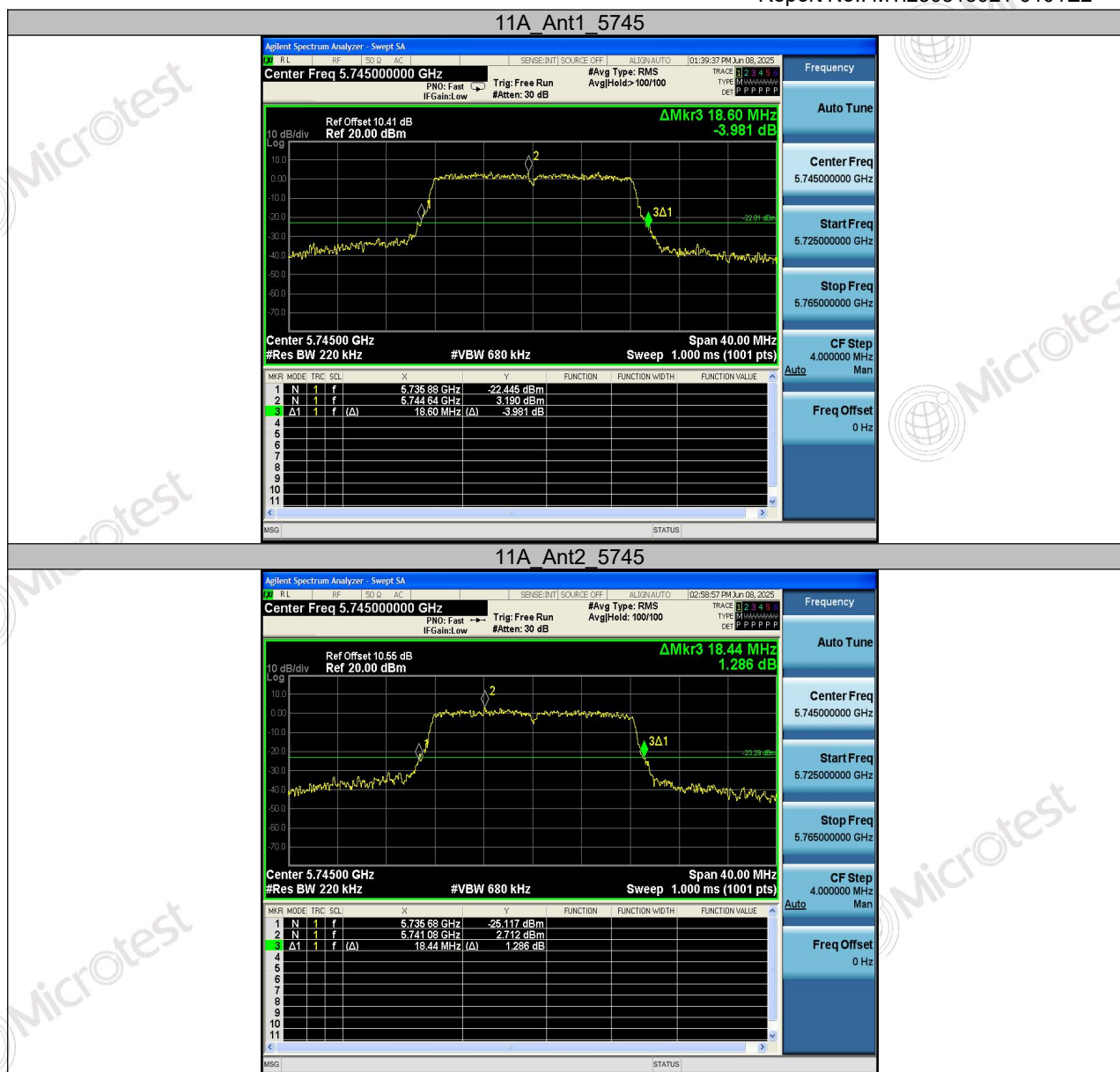
TEST REPORT

Report No.: MTi250515021-0101E2



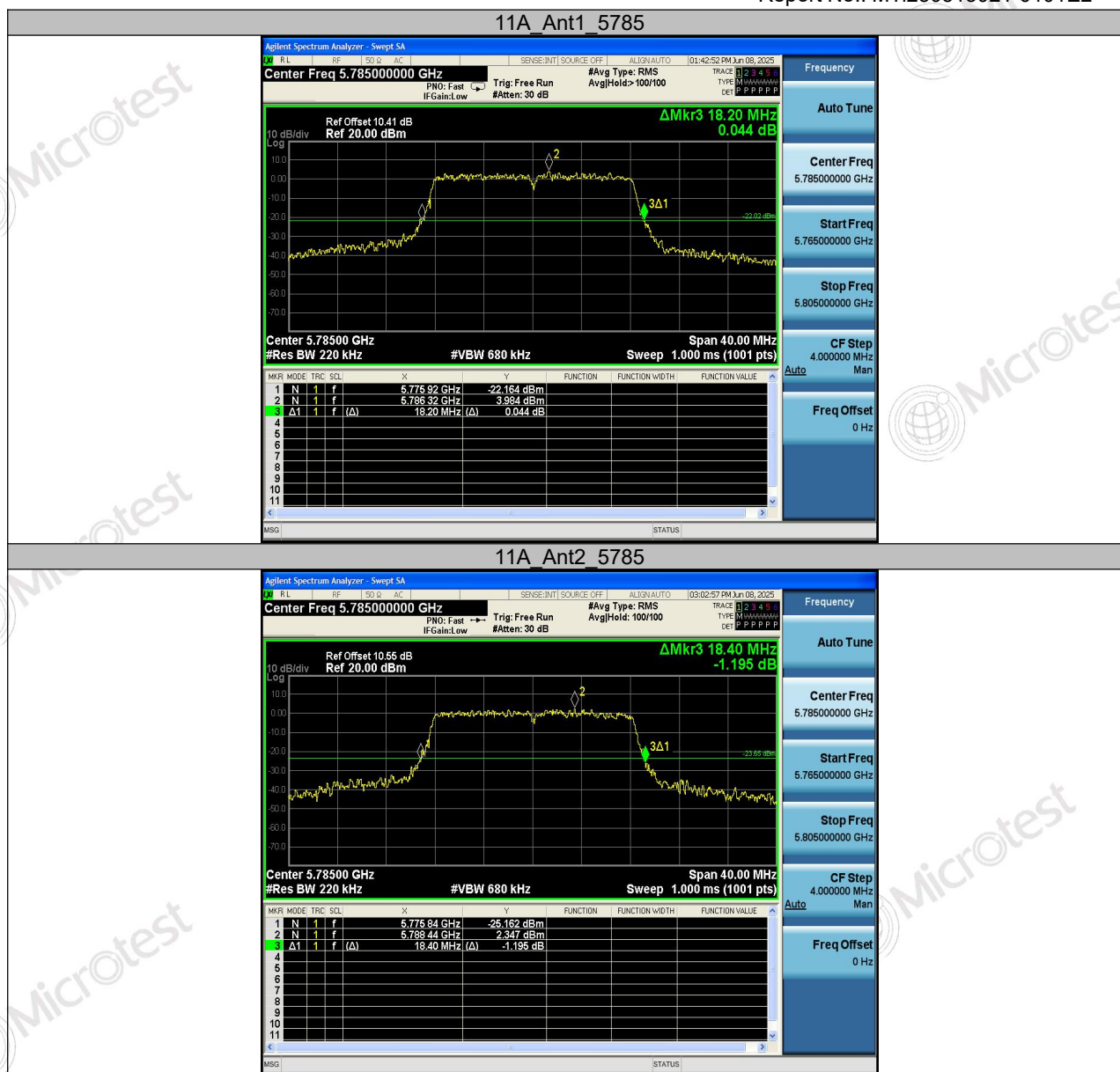
TEST REPORT

Report No.: MTI250515021-0101E2



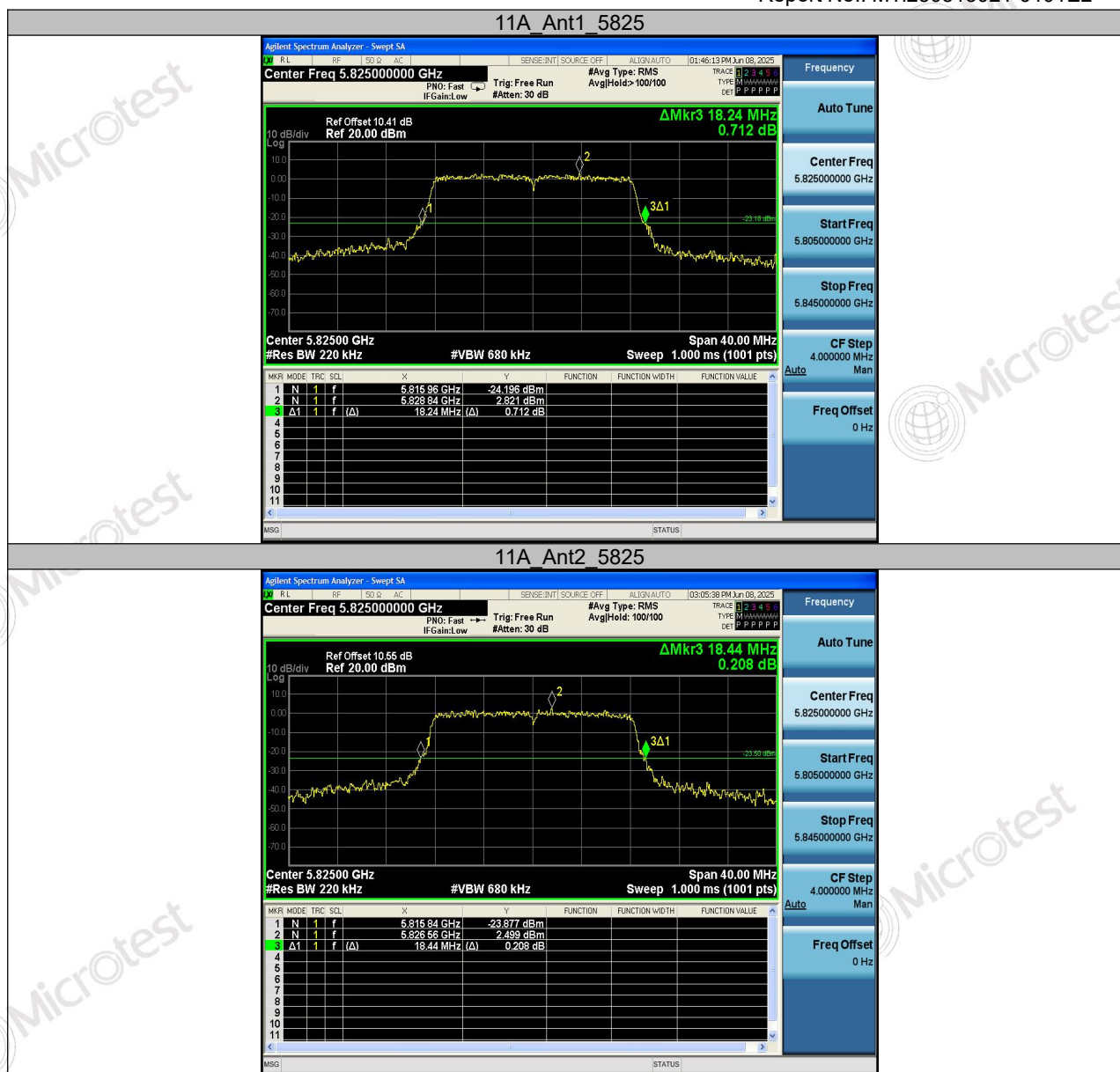
TEST REPORT

Report No.: MTI250515021-0101E2



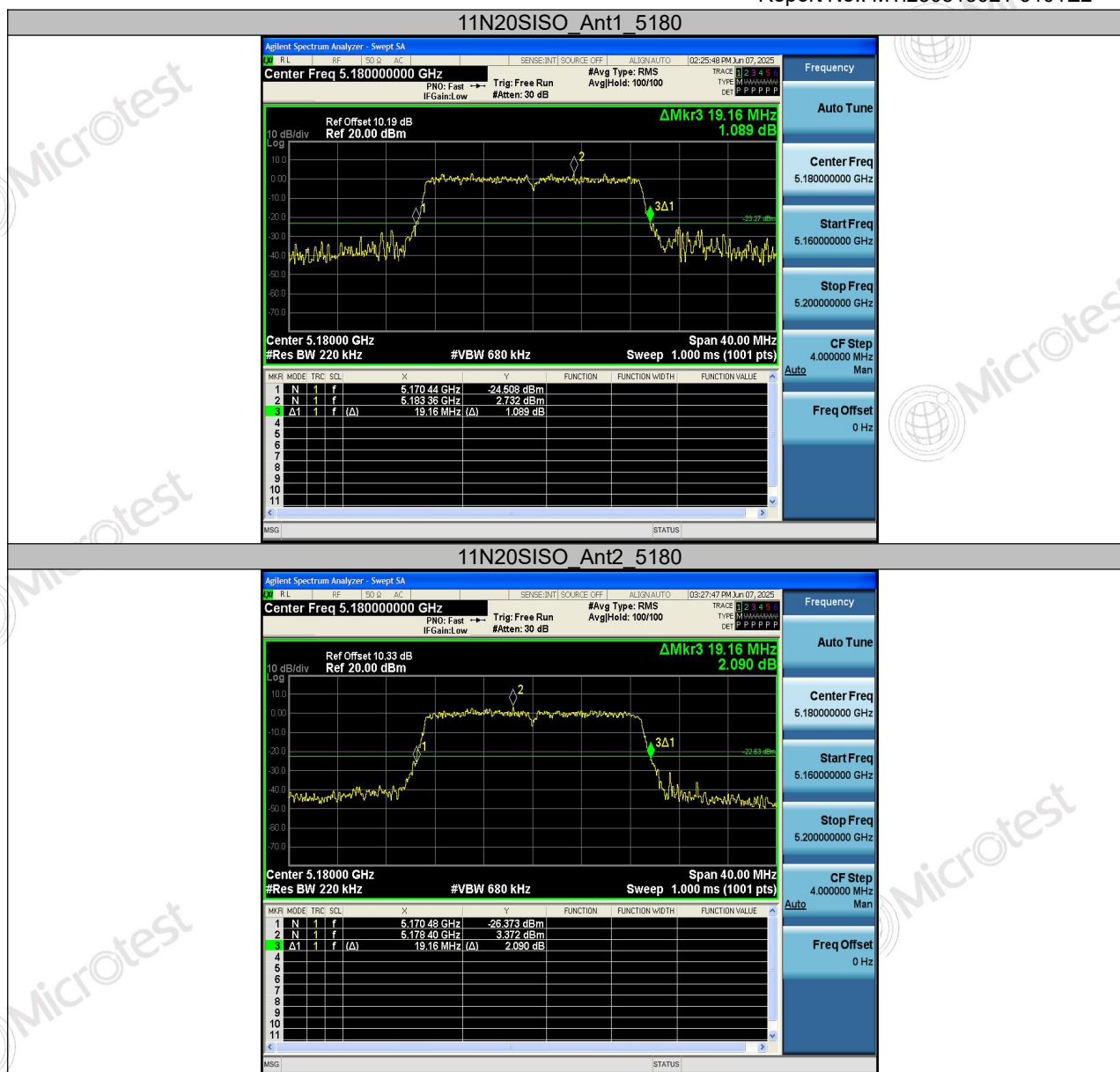
TEST REPORT

Report No.: MTI250515021-0101E2



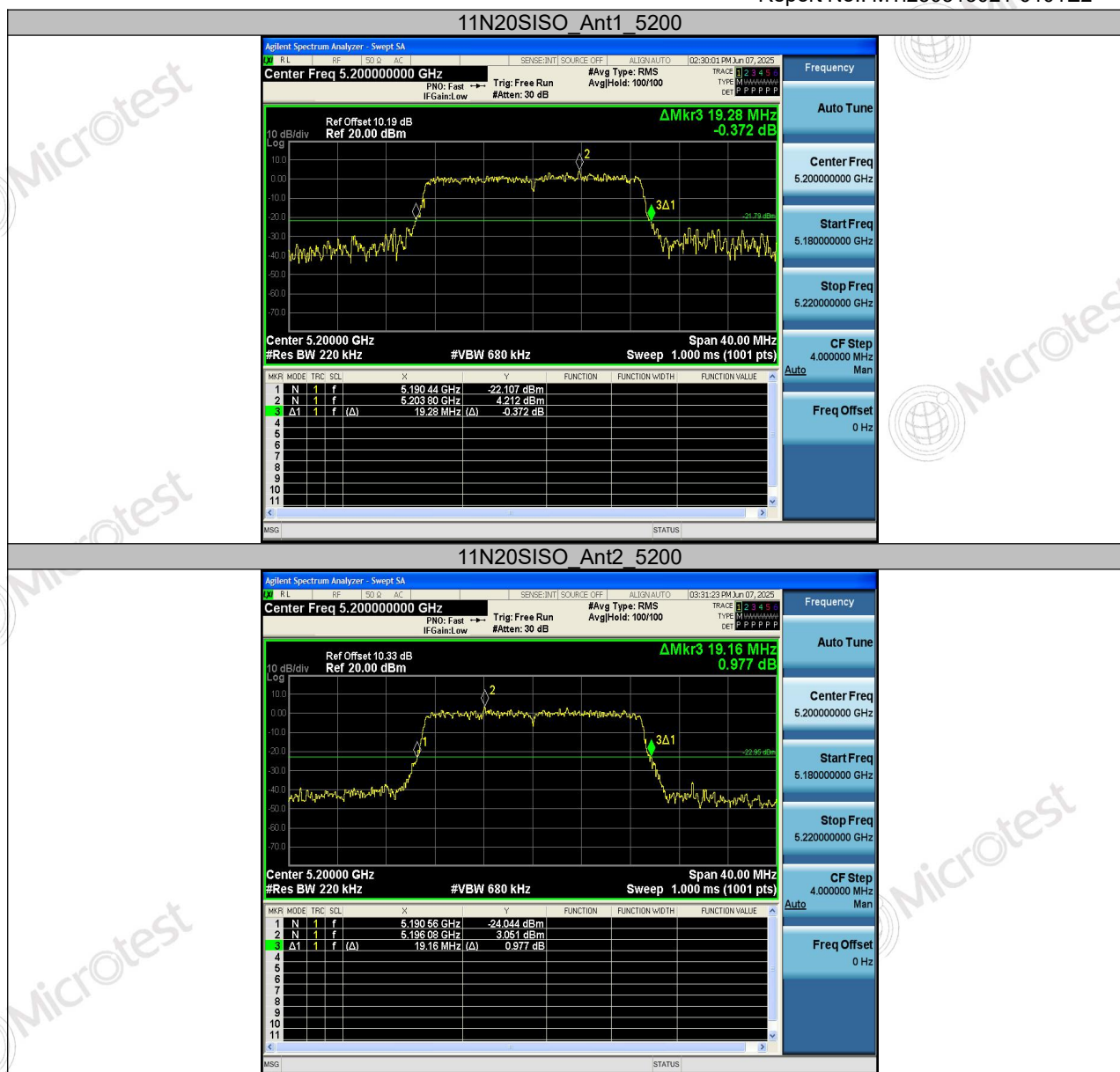
TEST REPORT

Report No.: MTI250515021-0101E2



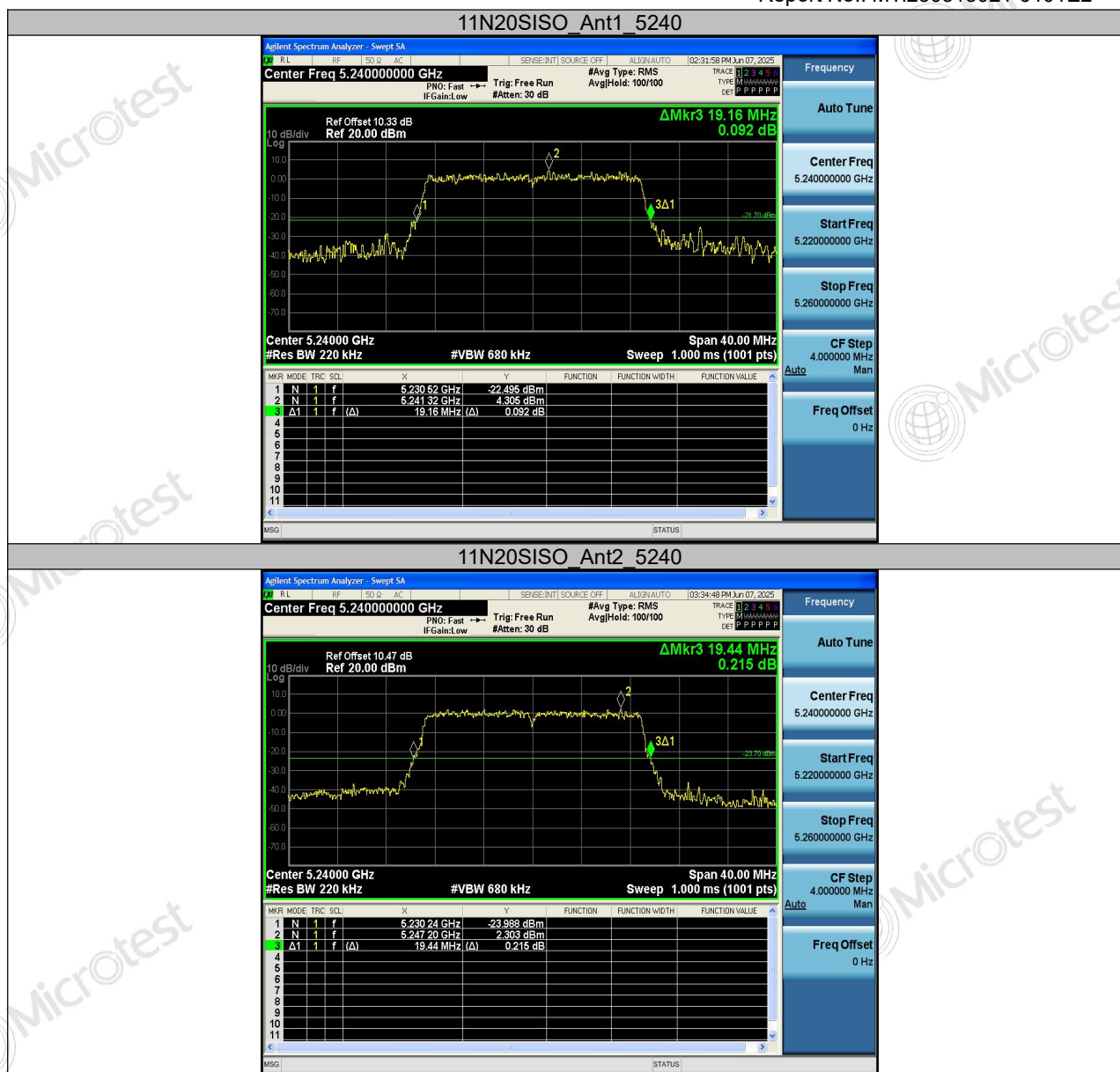
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Report No.: MTI250515021-0101E2



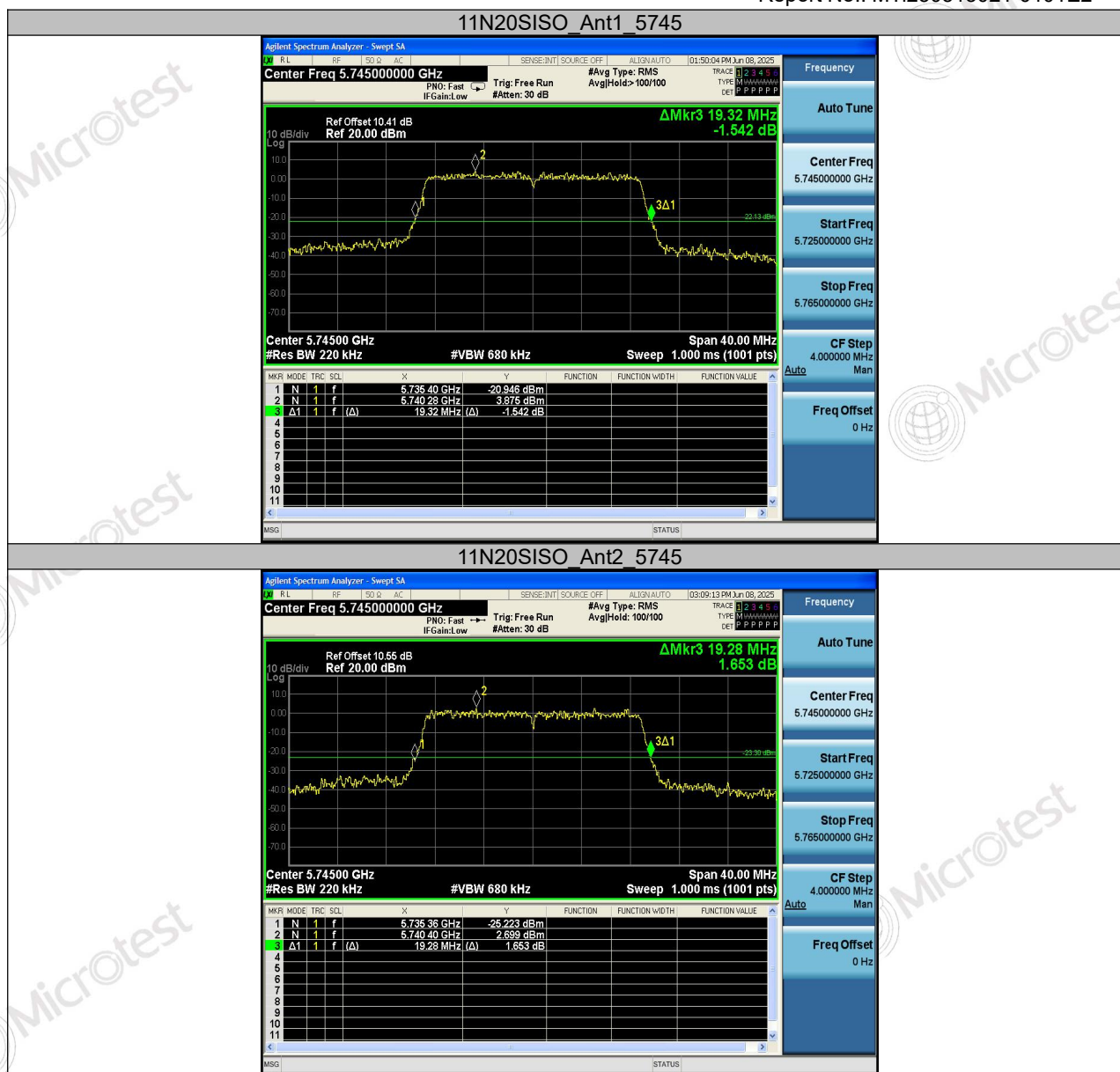
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Report No.: MTI250515021-0101E2



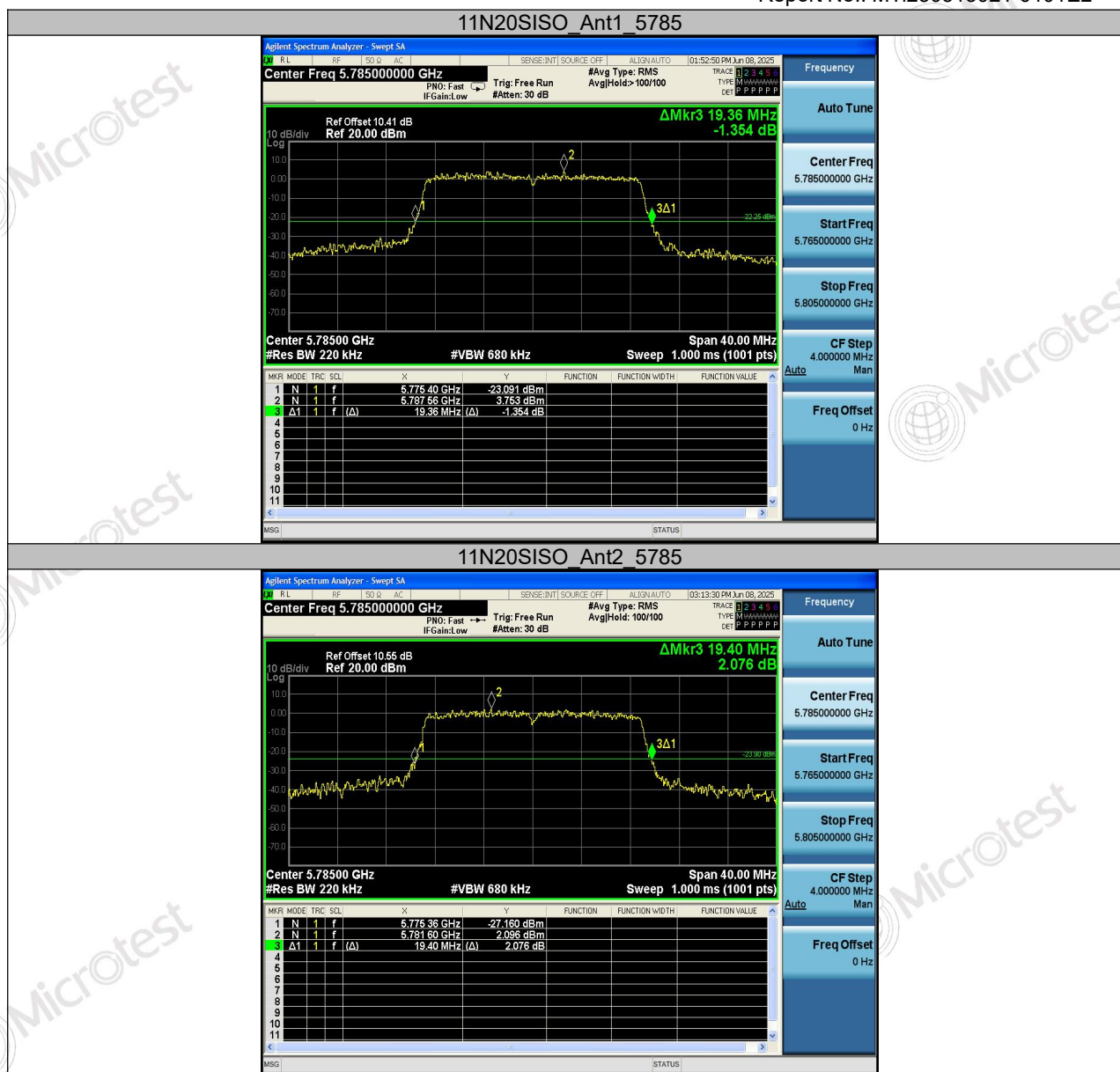
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