

Appendix D

RF Test Data for 5.5GWIFI (Conducted Measurement)

Product Name: VEXnet SERVER

Test Model: 210-8909-000

Environmental Conditions

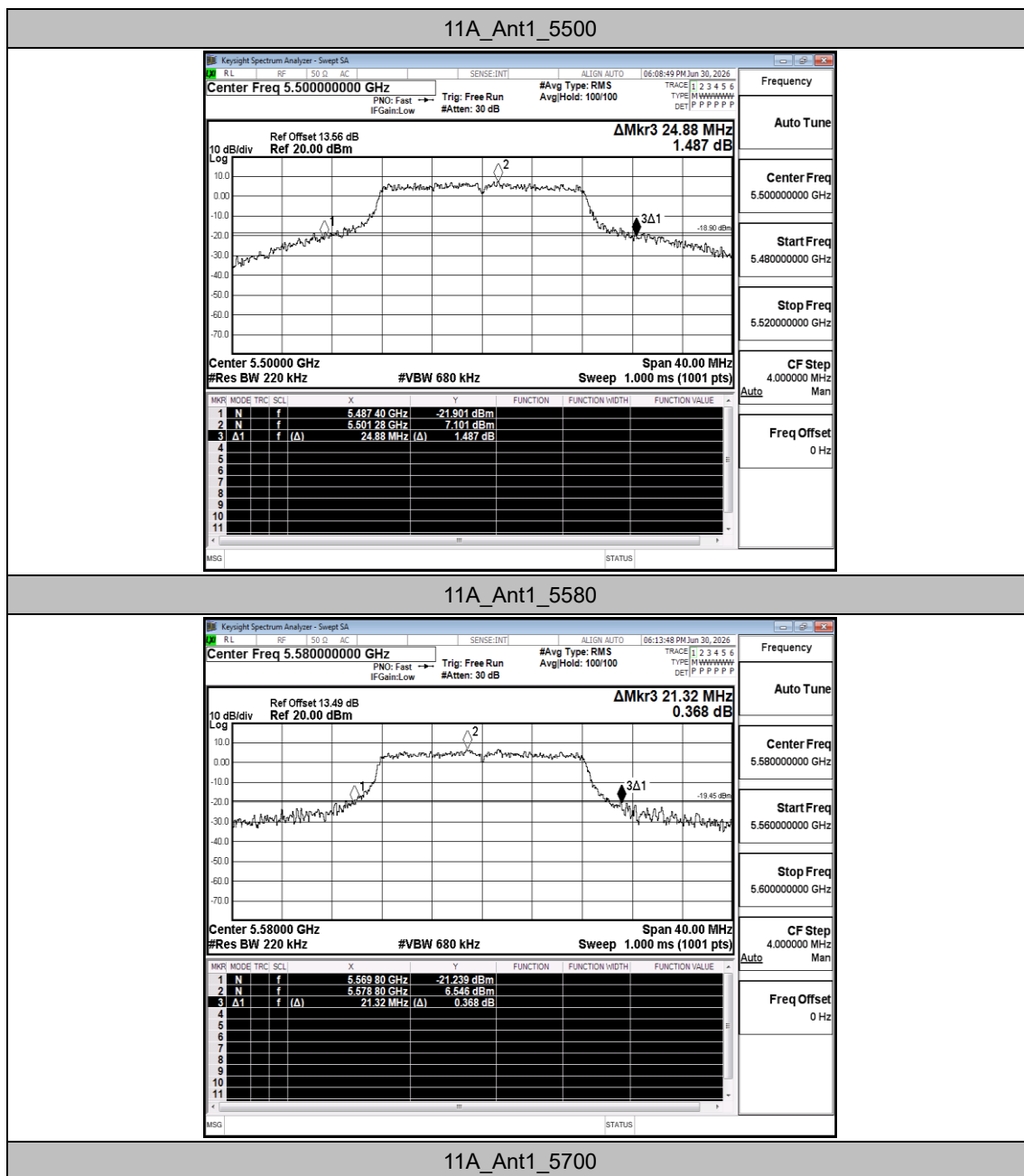
Temperature:	24.5°C
Relative Humidity:	53.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Zhang hai
Supervised by:	FengLiu Tang

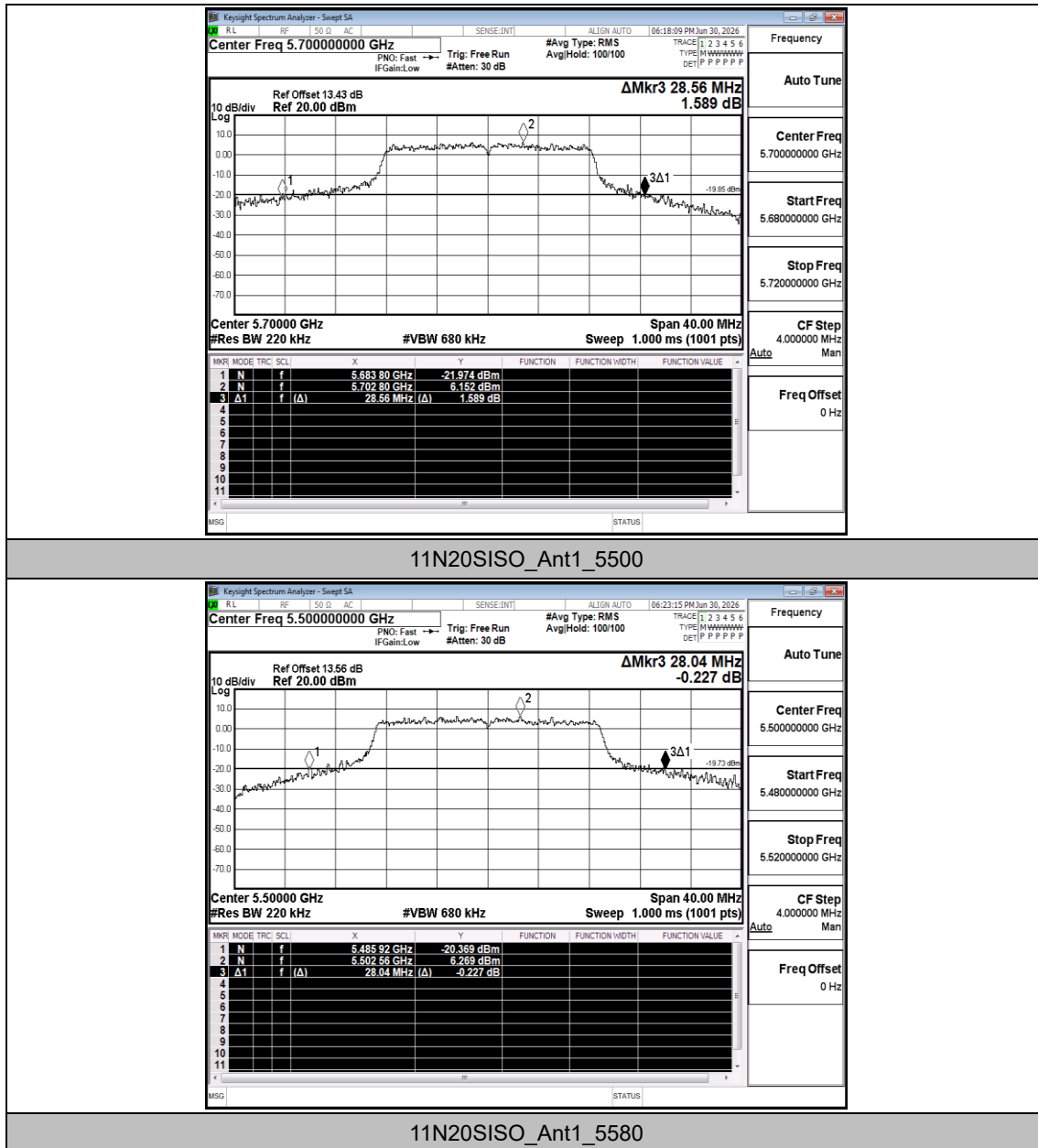
D.1 Emission Bandwidth

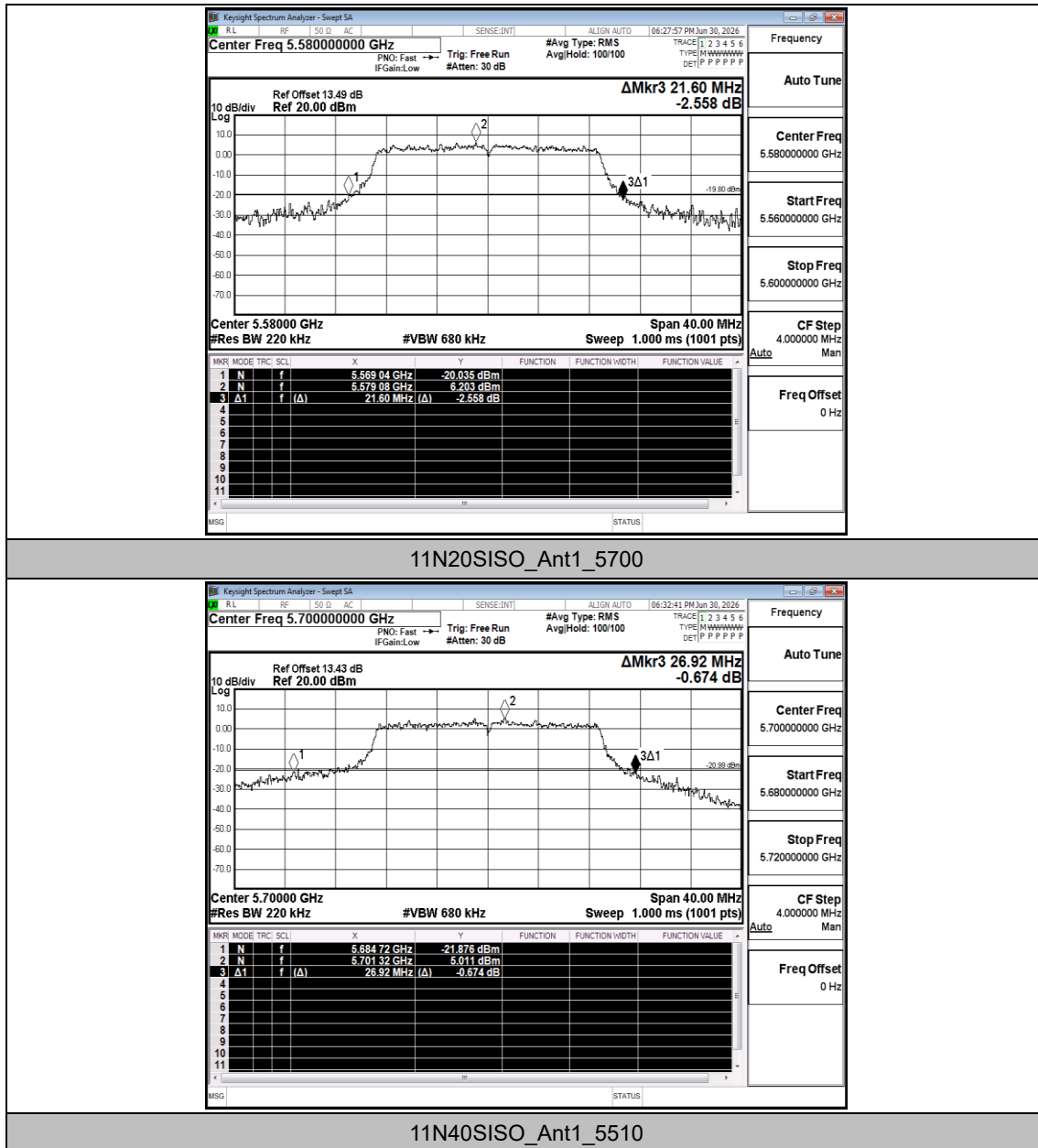
Test Result

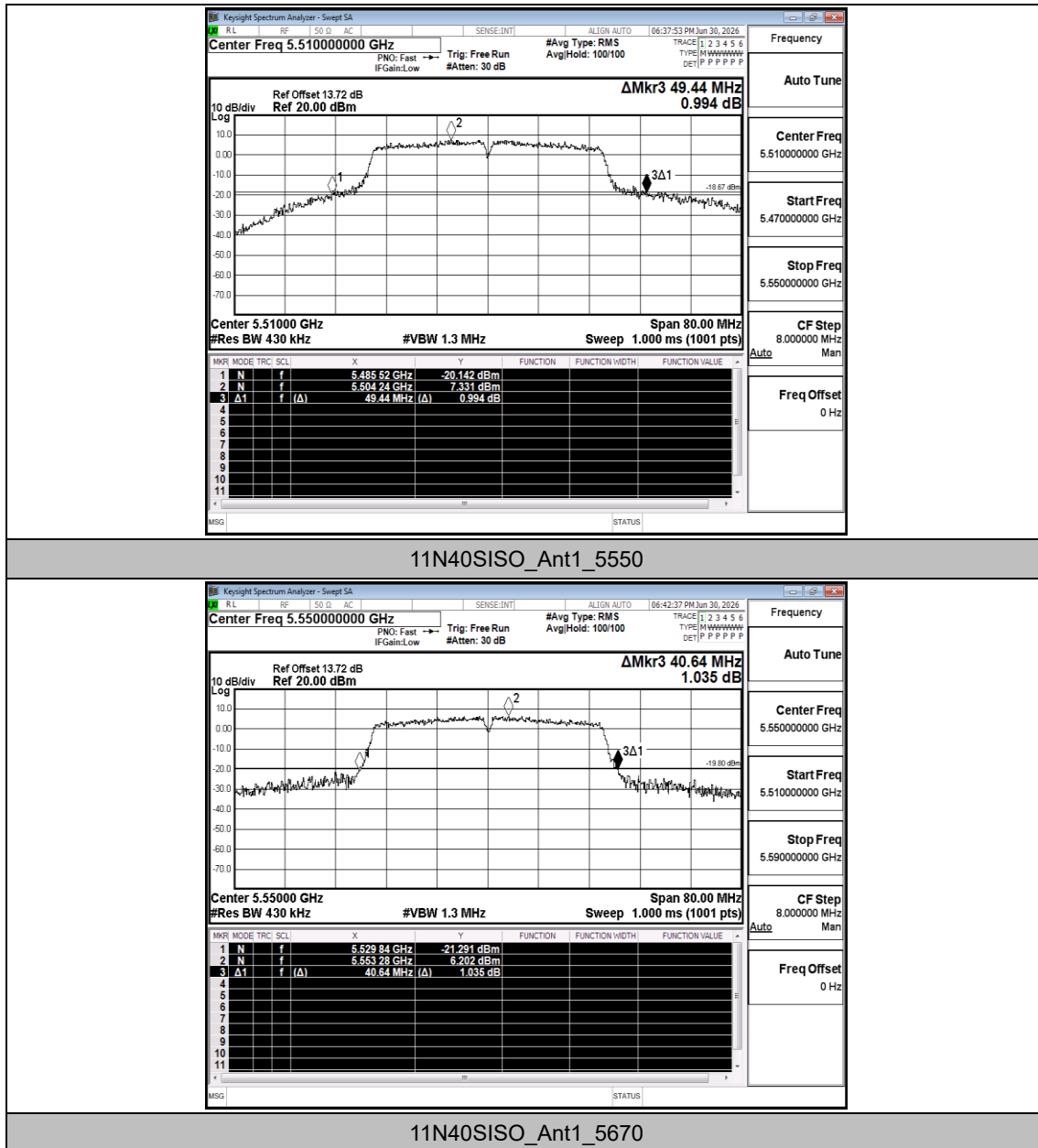
TestMode	Antenna	Freq (MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11A	Ant1	5500	24.880	5487.400	5512.280	---	---
		5580	21.320	5569.800	5591.120	---	---
		5700	28.560	5683.800	5712.360	---	---
11N20SISO	Ant1	5500	28.040	5485.920	5513.960	---	---
		5580	21.600	5569.040	5590.640	---	---
		5700	26.920	5684.720	5711.640	---	---
11N40SISO	Ant1	5510	49.440	5485.520	5534.960	---	---
		5550	40.640	5529.840	5570.480	---	---
		5670	58.240	5636.160	5694.400	---	---
11AC20SISO	Ant1	5500	26.040	5488.000	5514.040	---	---
		5580	21.040	5569.360	5590.400	---	---
		5700	23.520	5687.360	5710.880	---	---
11AC40SISO	Ant1	5510	55.520	5483.920	5539.440	---	---
		5550	40.000	5530.000	5570.000	---	---
		5670	60.560	5638.960	5699.520	---	---
11AC80SISO	Ant1	5530	98.080	5485.680	5583.760	---	---
		5610	95.680	5554.320	5650.000	---	---
11AC160SISO	Ant1	5570	172.160	5483.920	5656.080	---	---
11AX20SISO	Ant1	5500	31.600	5484.680	5516.280	---	---
		5580	29.320	5563.240	5592.560	---	---
		5700	25.960	5684.840	5710.800	---	---
11AX40SISO	Ant1	5510	53.360	5486.400	5539.760	---	---
		5550	40.560	5529.280	5569.840	---	---
		5670	47.120	5642.720	5689.840	---	---
11AX80SISO	Ant1	5530	86.560	5487.760	5574.320	---	---
		5610	80.160	5570.000	5650.160	---	---
11AX160SISO	Ant1	5570	167.040	5483.920	5650.960	---	---

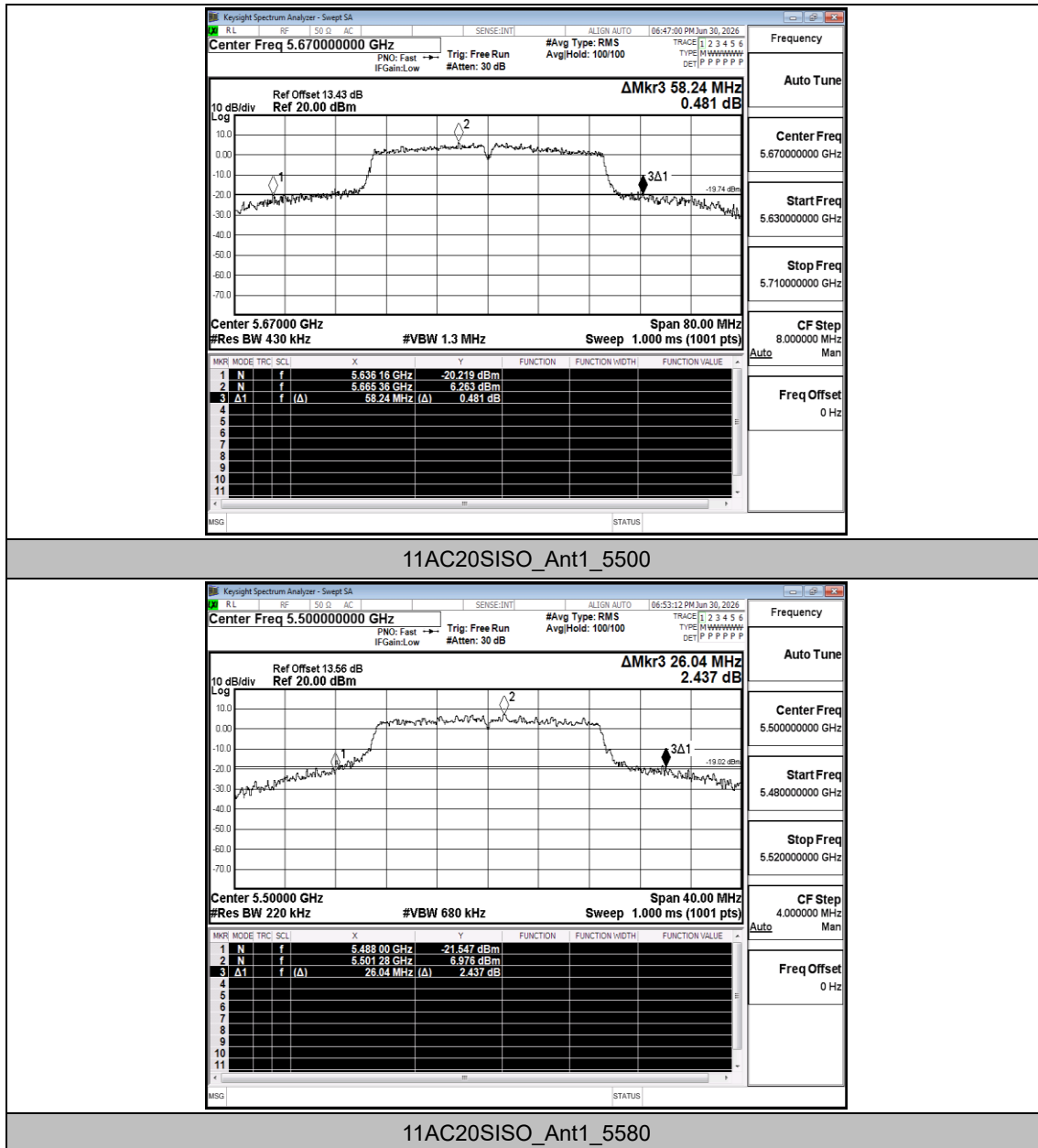
Test Graphs

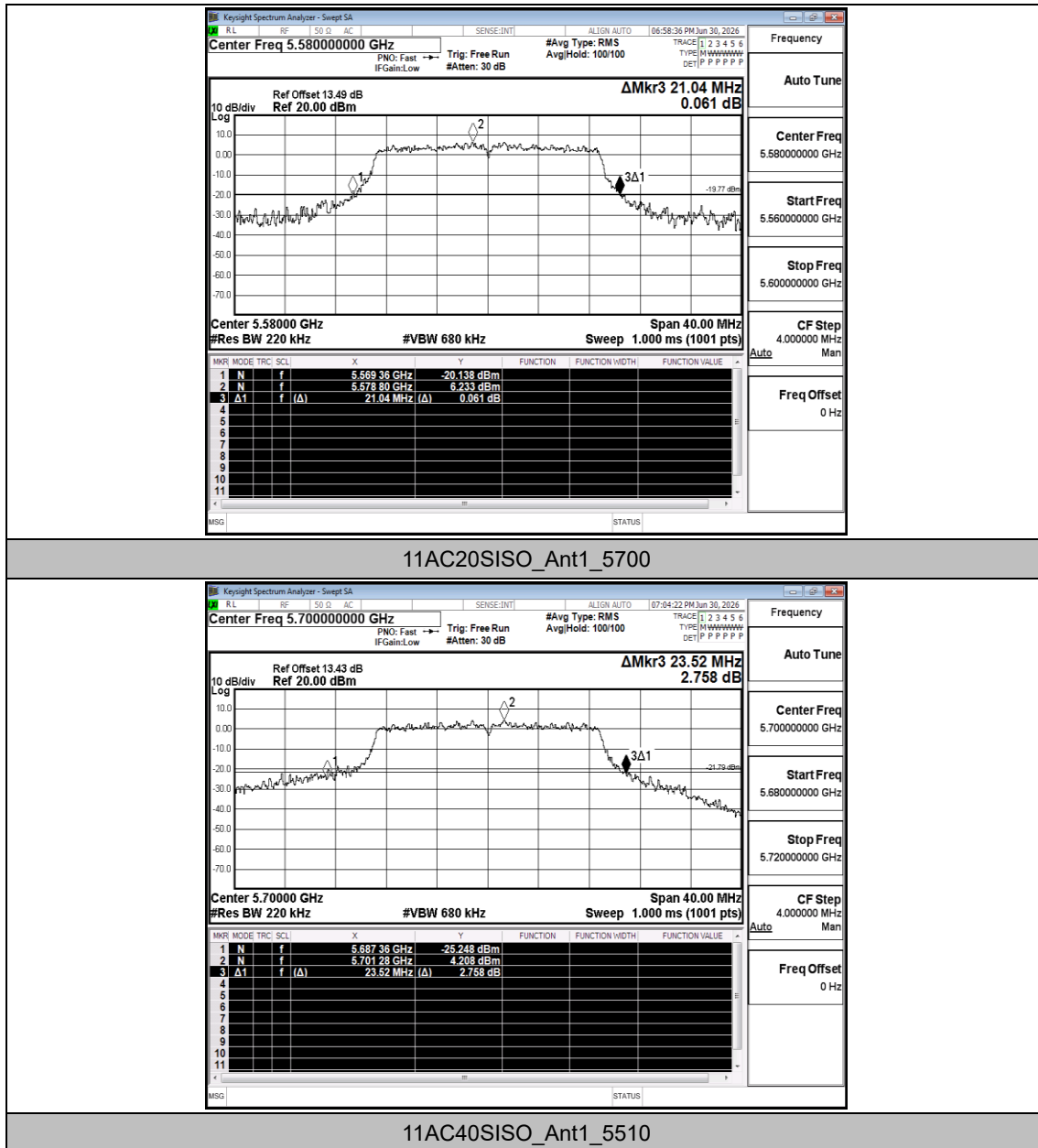


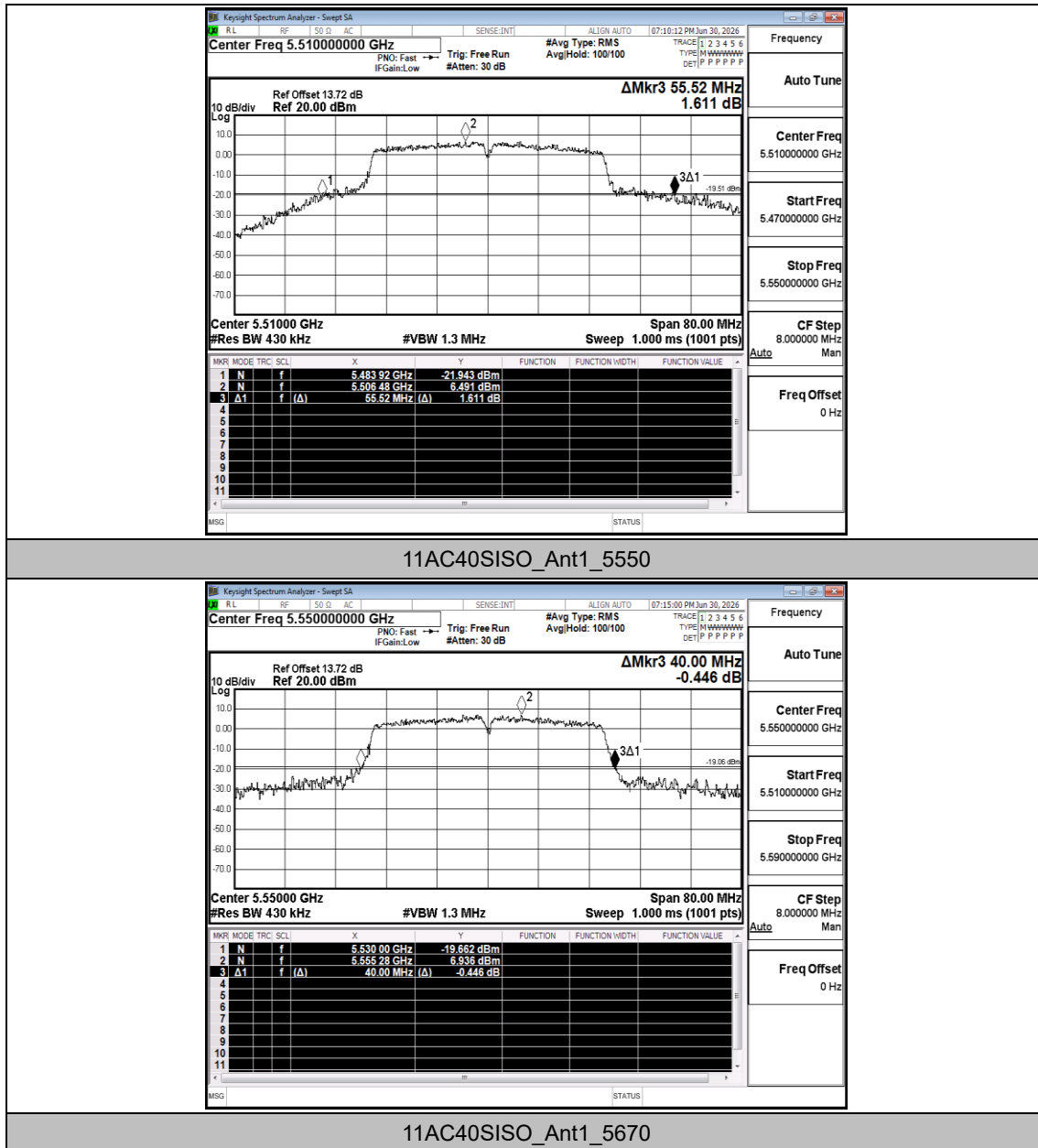


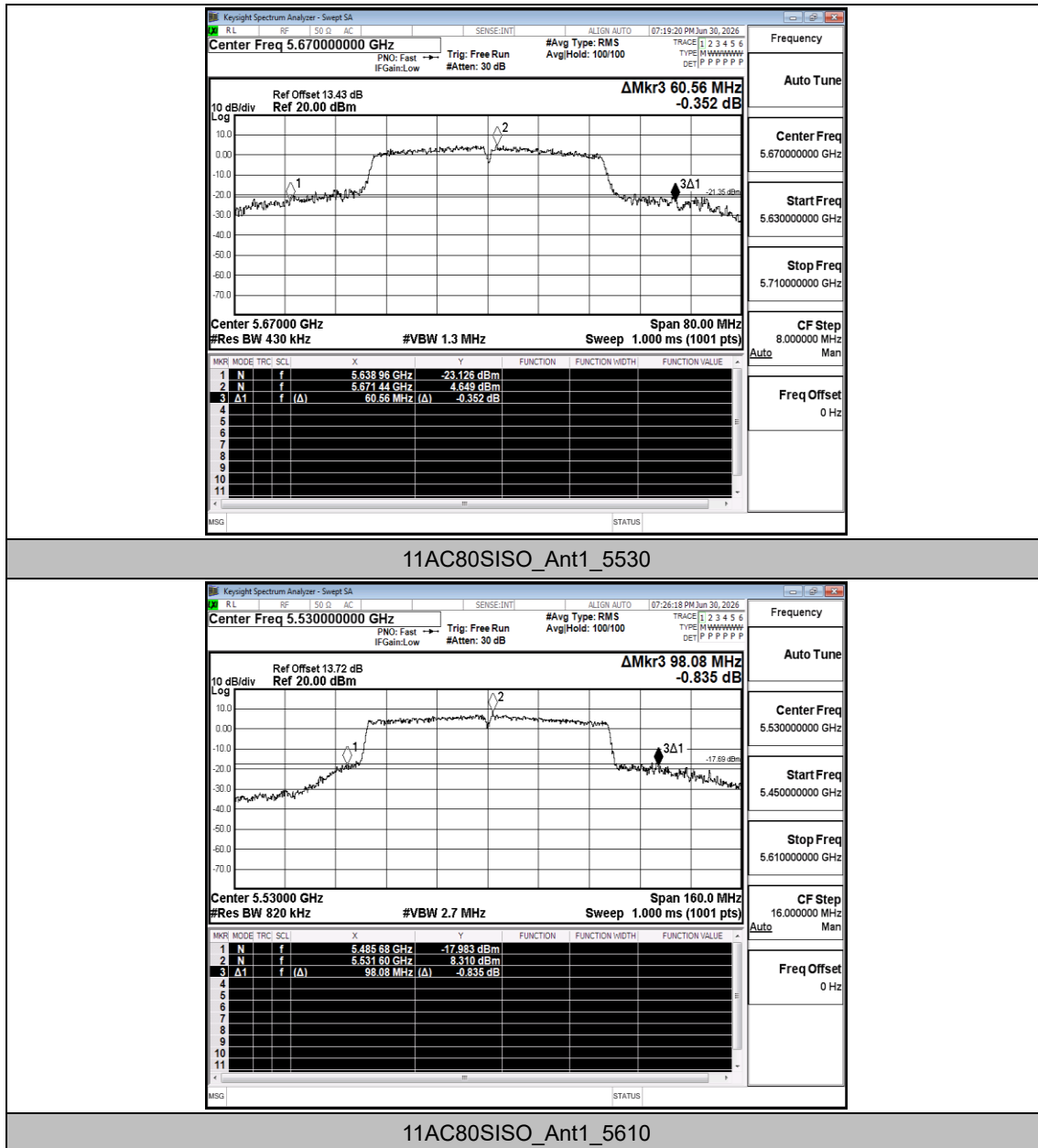


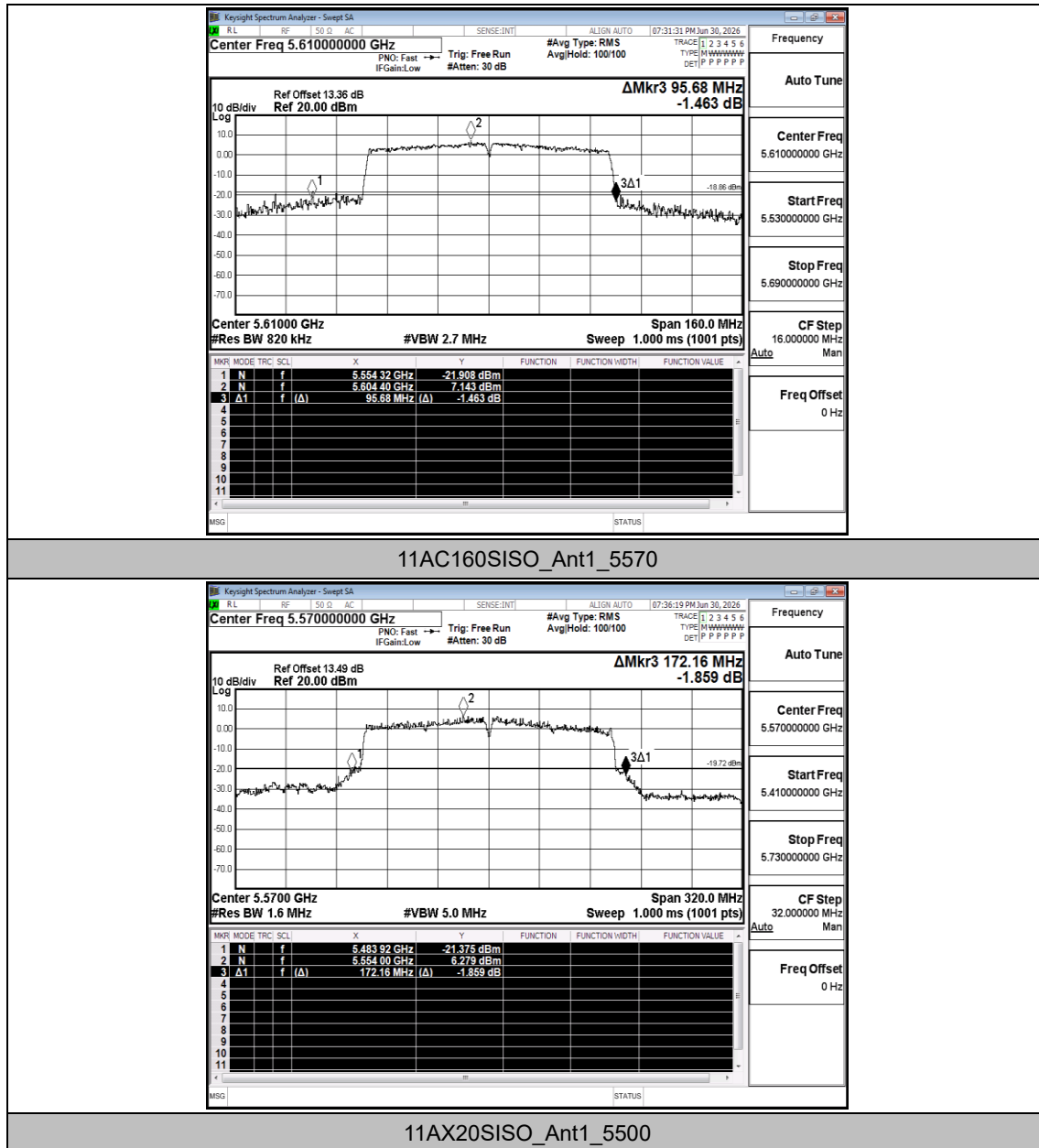


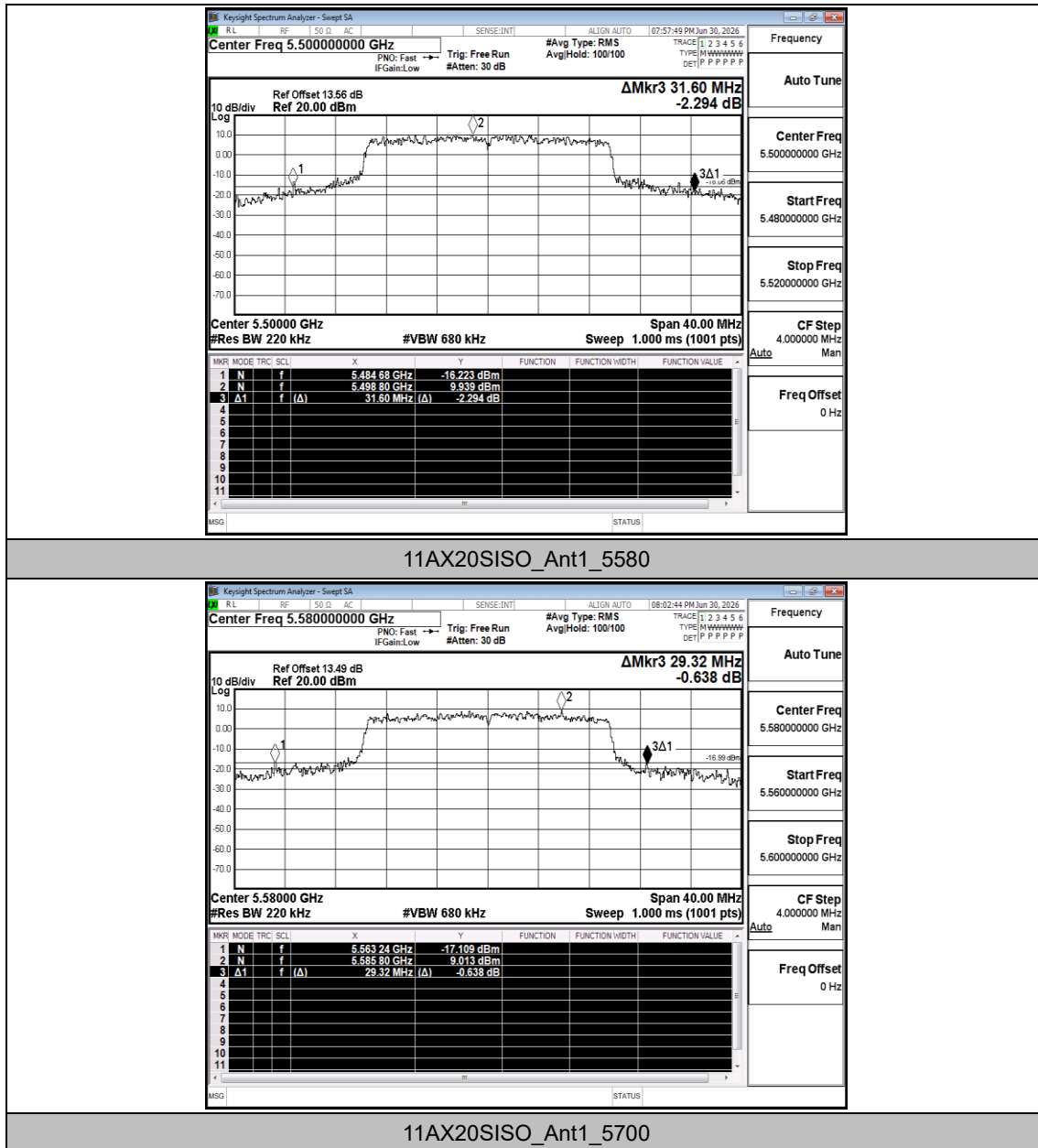


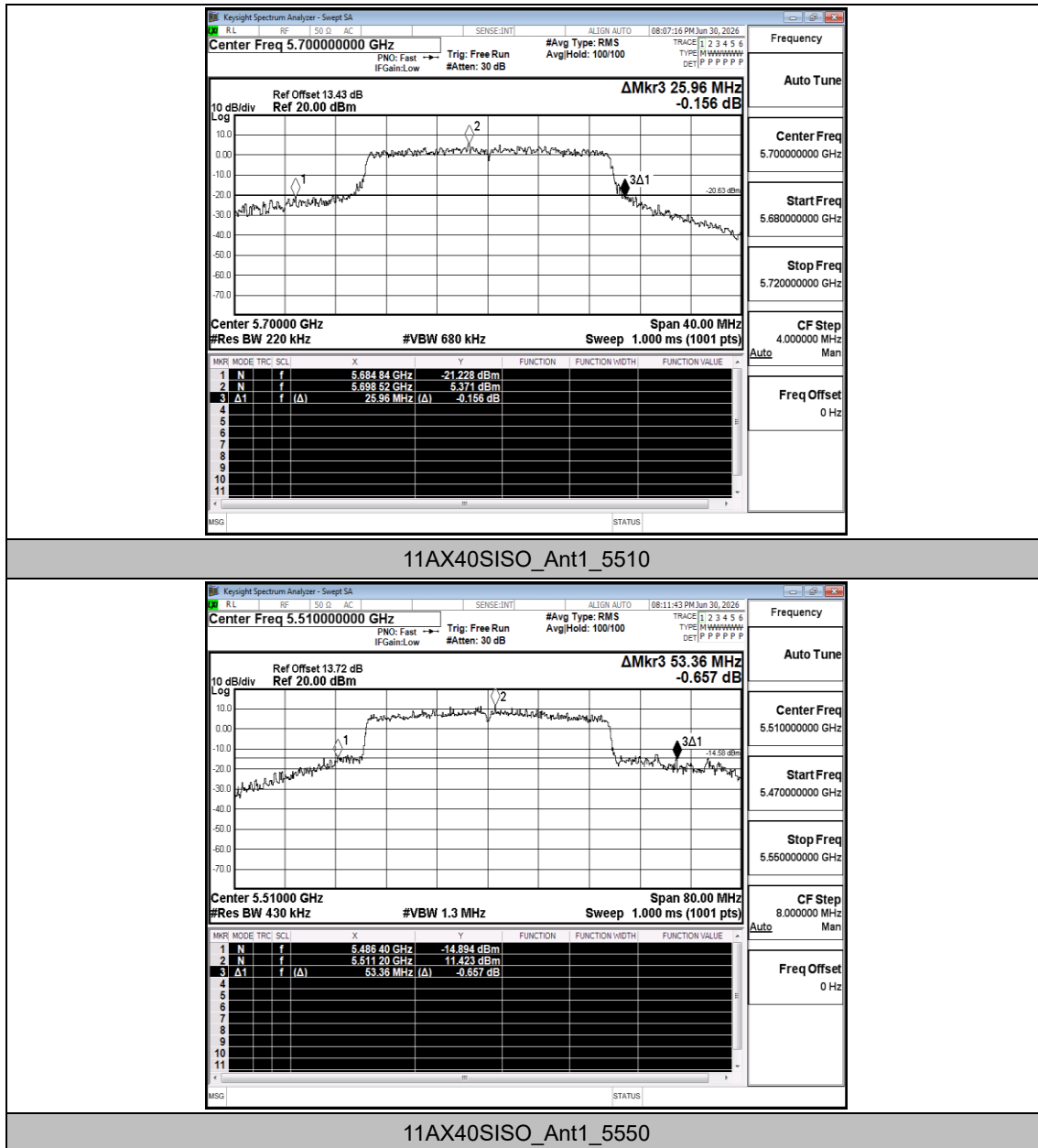


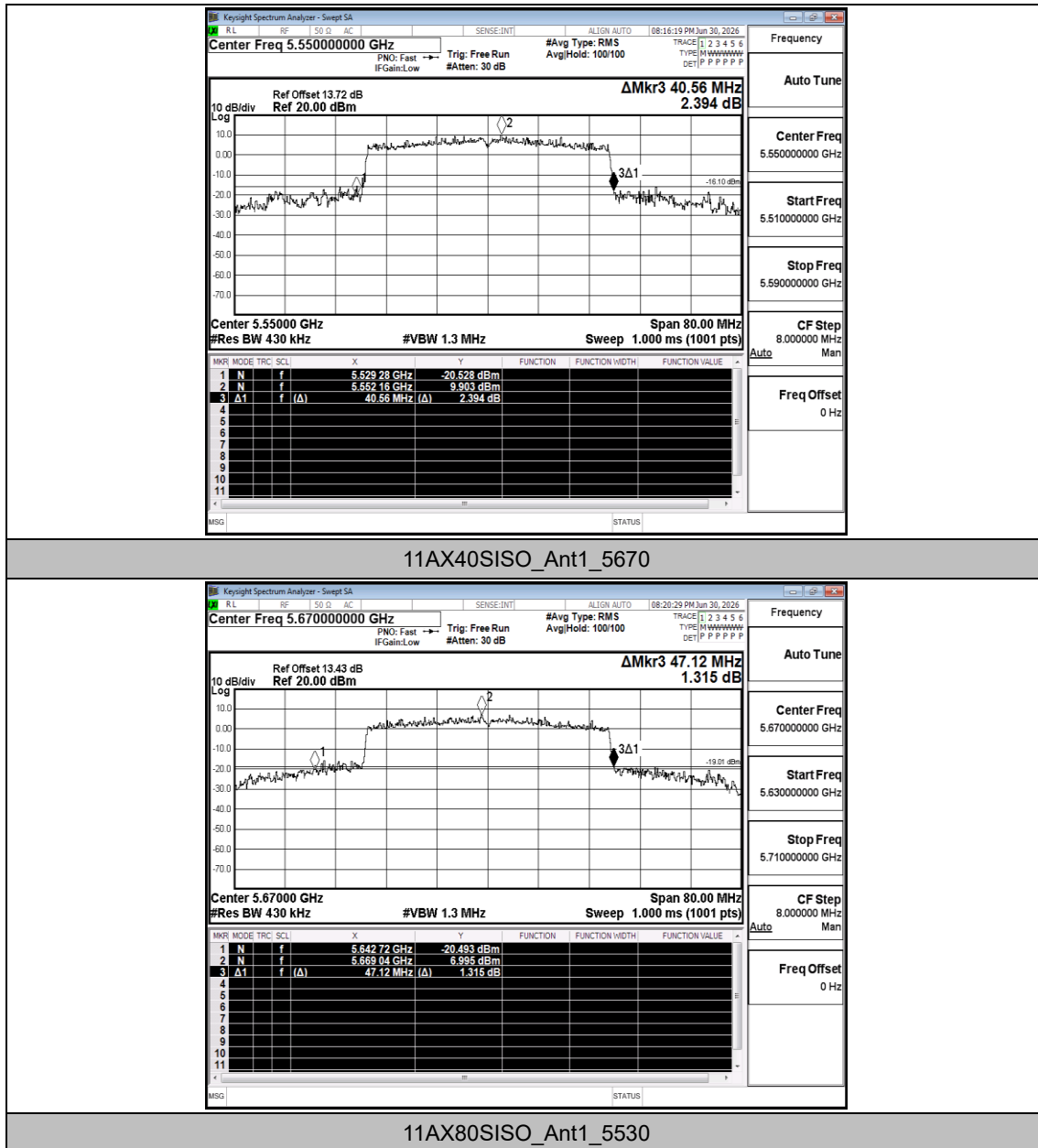


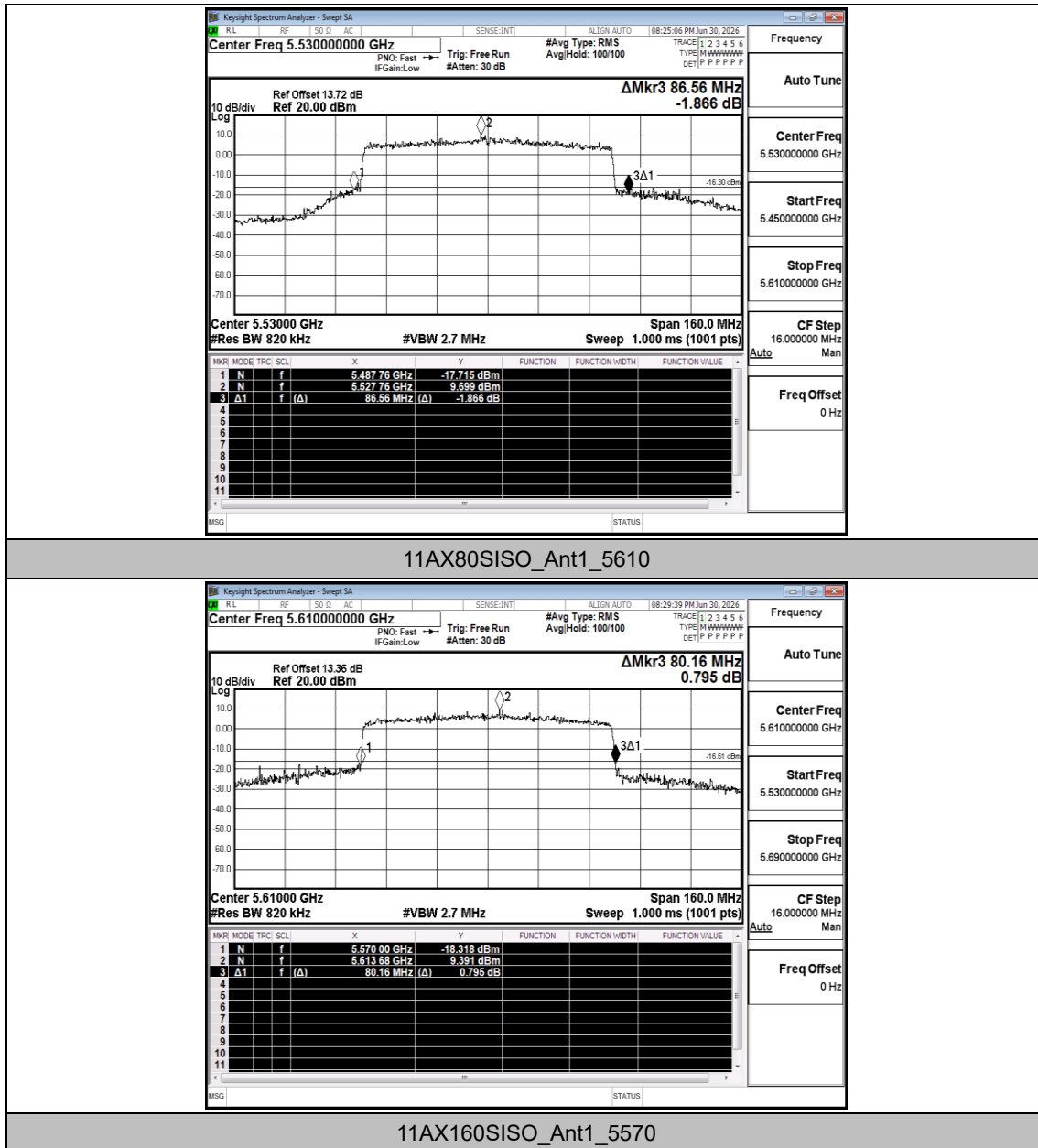


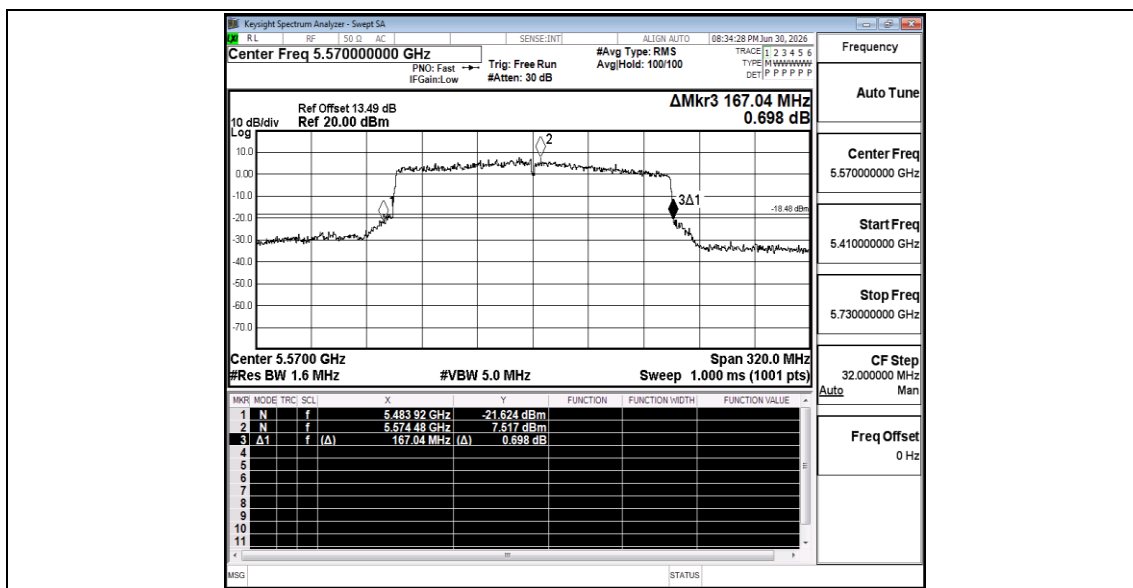








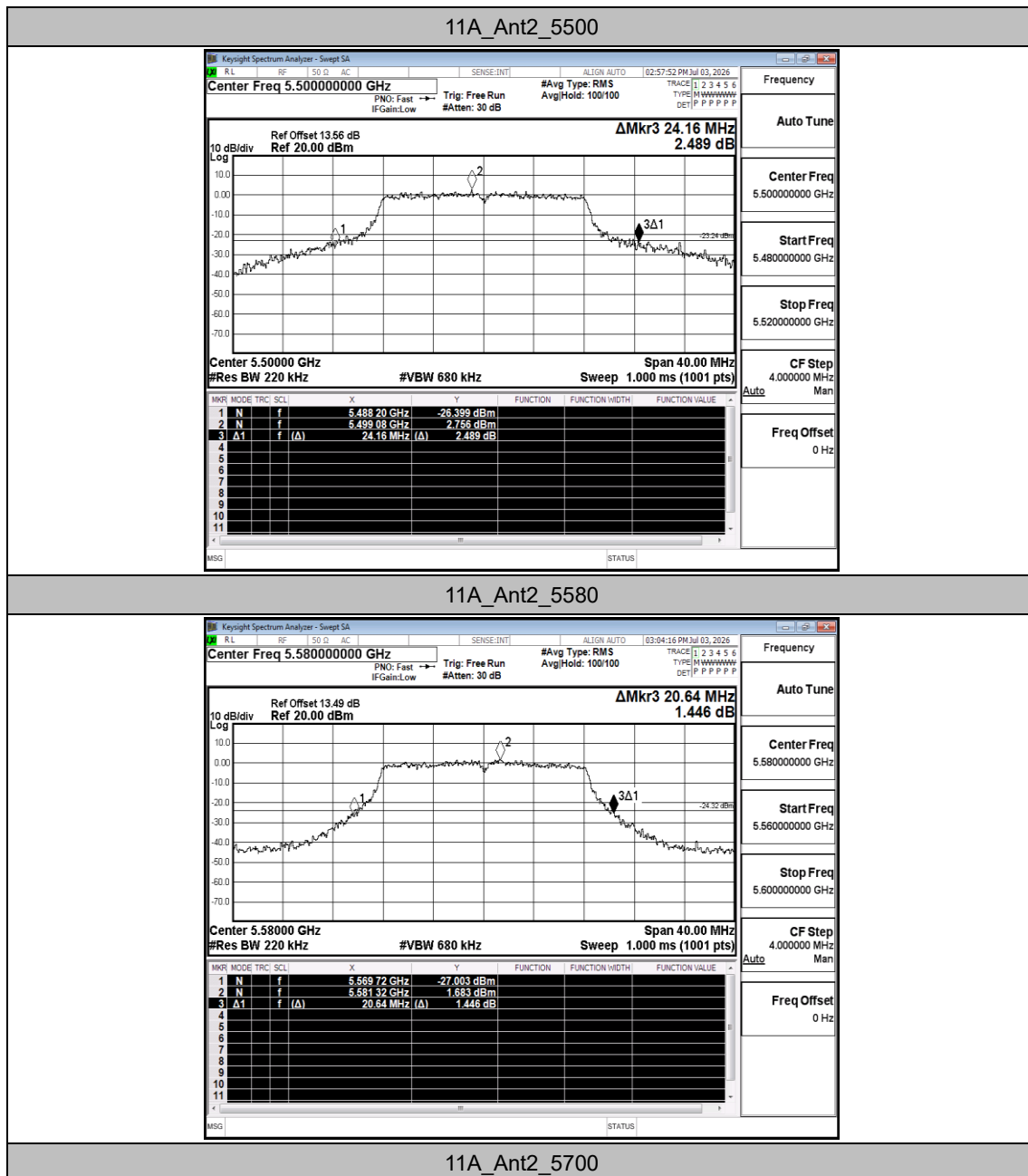


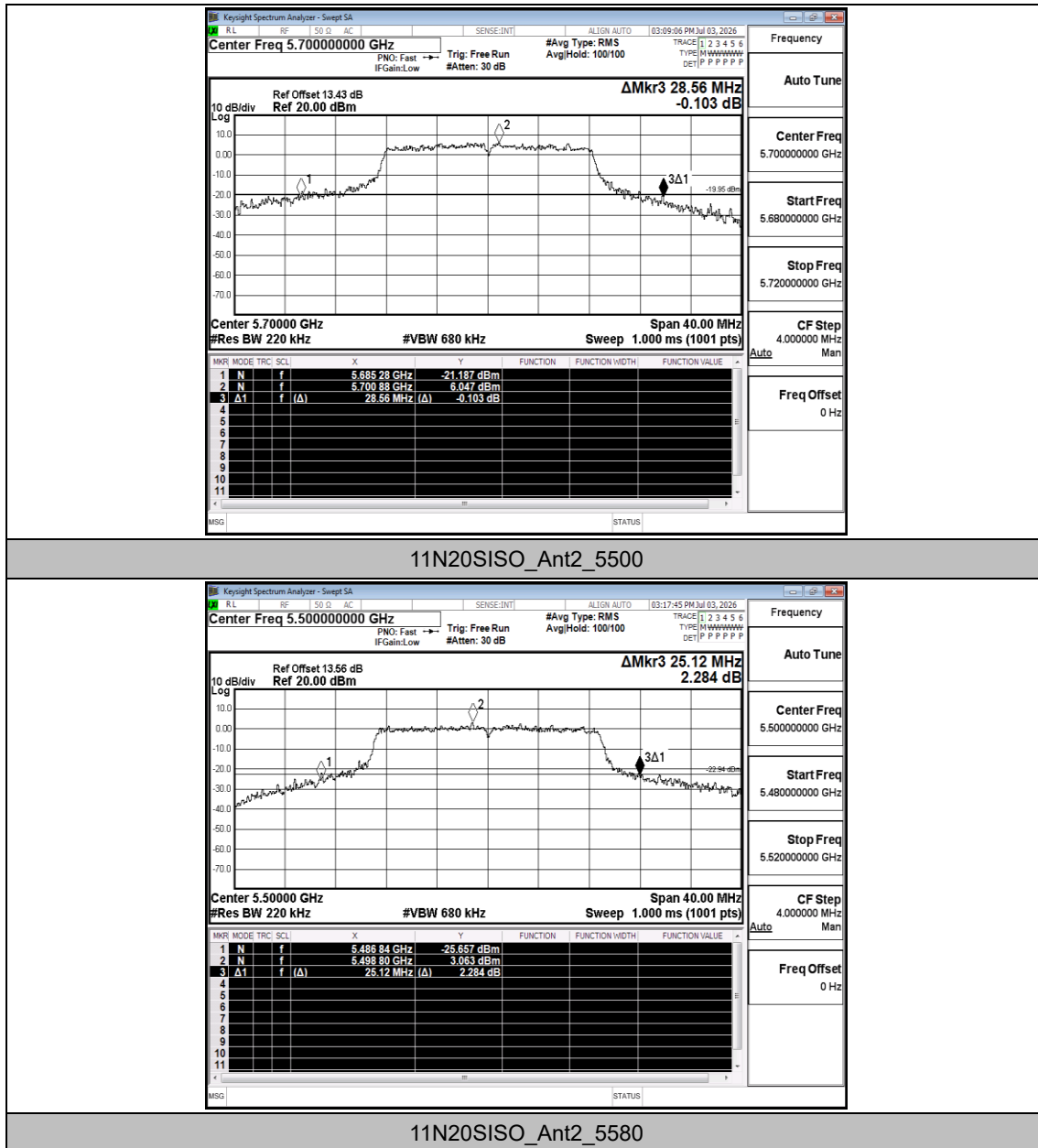


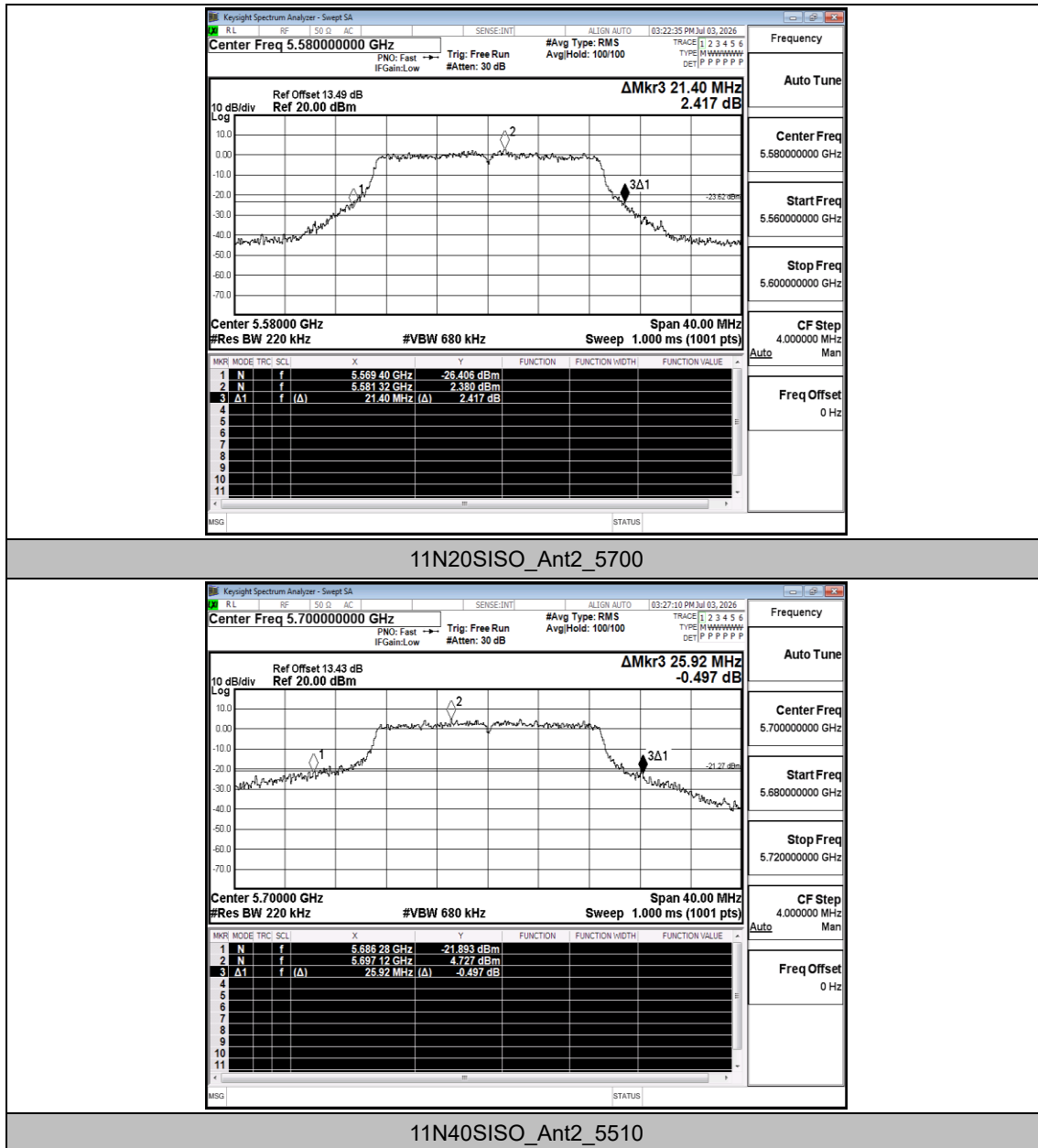
Test Result

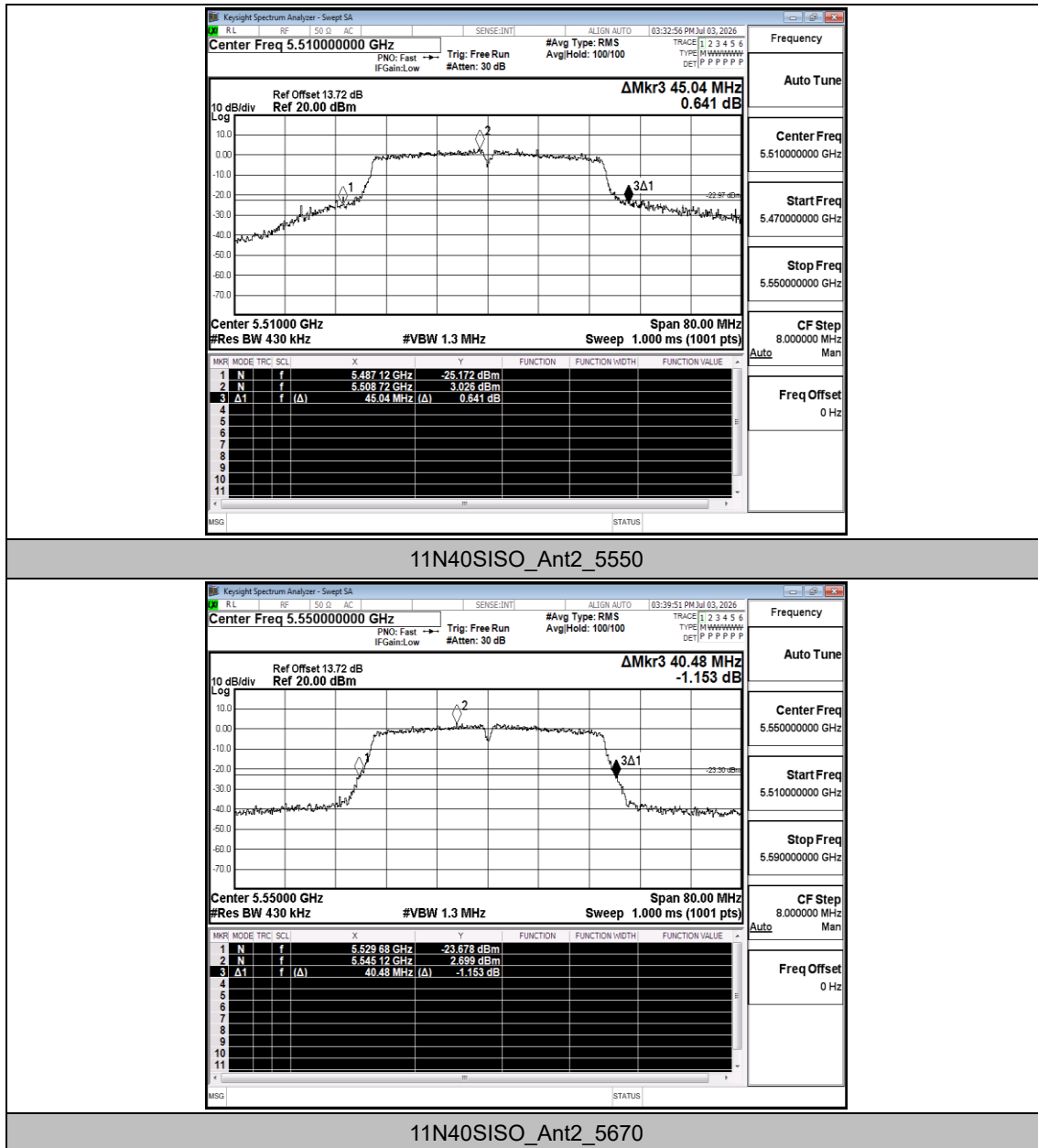
TestMode	Antenna	Freq (MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11A	Ant2	5500	24.160	5488.200	5512.360	---	---
		5580	20.640	5569.720	5590.360	---	---
		5700	28.560	5685.280	5713.840	---	---
11N20SISO	Ant2	5500	25.120	5486.840	5511.960	---	---
		5580	21.400	5569.400	5590.800	---	---
		5700	25.920	5686.280	5712.200	---	---
11N40SISO	Ant2	5510	45.040	5487.120	5532.160	---	---
		5550	40.480	5529.680	5570.160	---	---
		5670	48.240	5642.240	5690.480	---	---
11AC20SISO	Ant2	5500	25.880	5487.480	5513.360	---	---
		5580	21.080	5569.520	5590.600	---	---
		5700	24.080	5687.160	5711.240	---	---
11AC40SISO	Ant2	5510	49.120	5485.920	5535.040	---	---
		5550	39.760	5530.160	5569.920	---	---
		5670	54.240	5638.800	5693.040	---	---
11AC80SISO	Ant2	5530	95.680	5486.960	5582.640	---	---
		5610	79.680	5570.160	5649.840	---	---
11AC160SISO	Ant2	5570	162.560	5489.360	5651.920	---	---
11AX20SISO	Ant2	5500	23.240	5488.280	5511.520	---	---
		5580	21.560	5569.240	5590.800	---	---
		5700	24.040	5687.240	5711.280	---	---
11AX40SISO	Ant2	5510	48.560	5487.040	5535.600	---	---
		5550	39.440	5530.320	5569.760	---	---
		5670	45.760	5644.080	5689.840	---	---
11AX80SISO	Ant2	5530	86.880	5487.440	5574.320	---	---
		5610	80.000	5570.160	5650.160	---	---
11AX160SISO	Ant2	5570	166.400	5486.160	5652.560	---	---

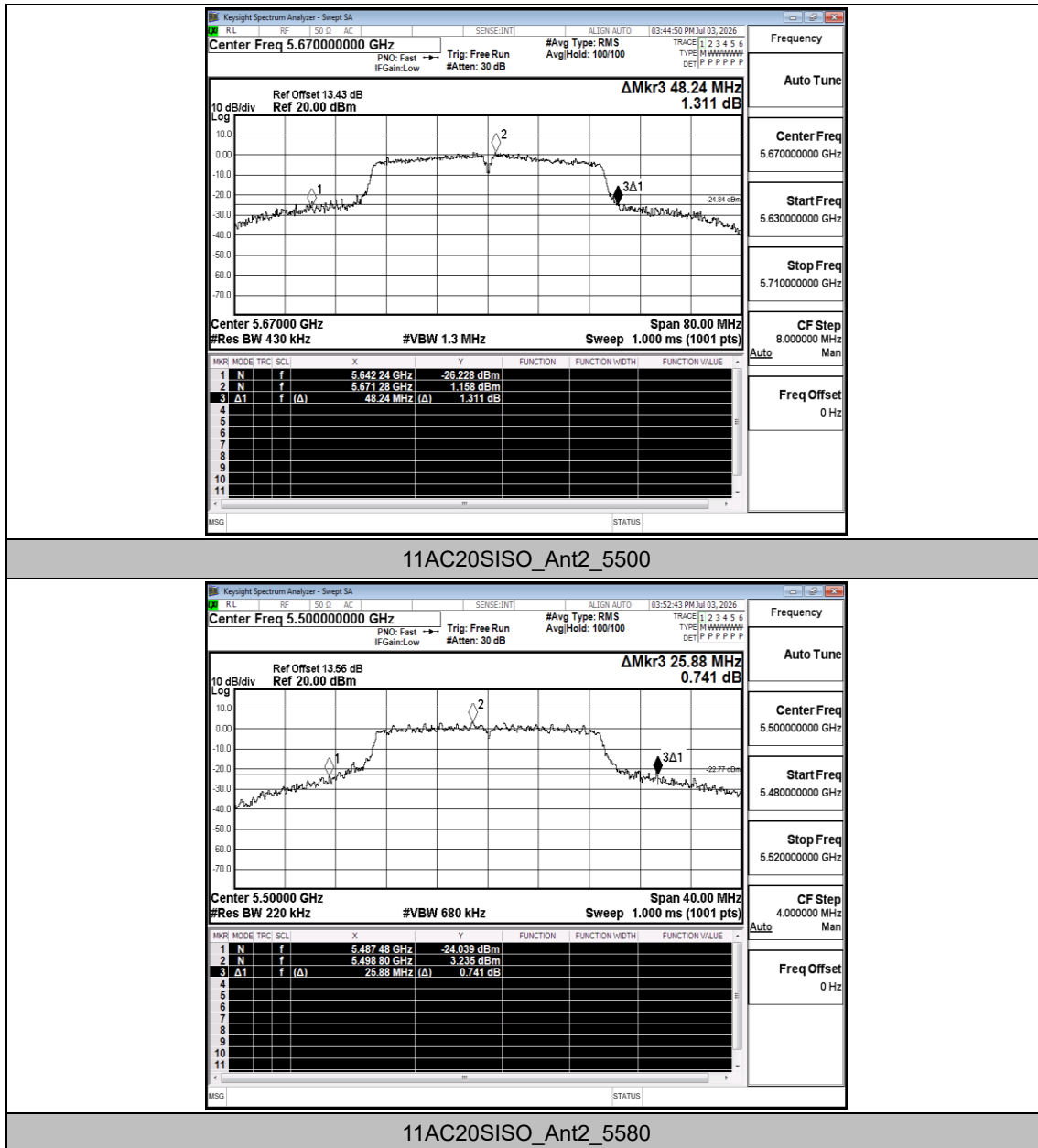
Test Graphs

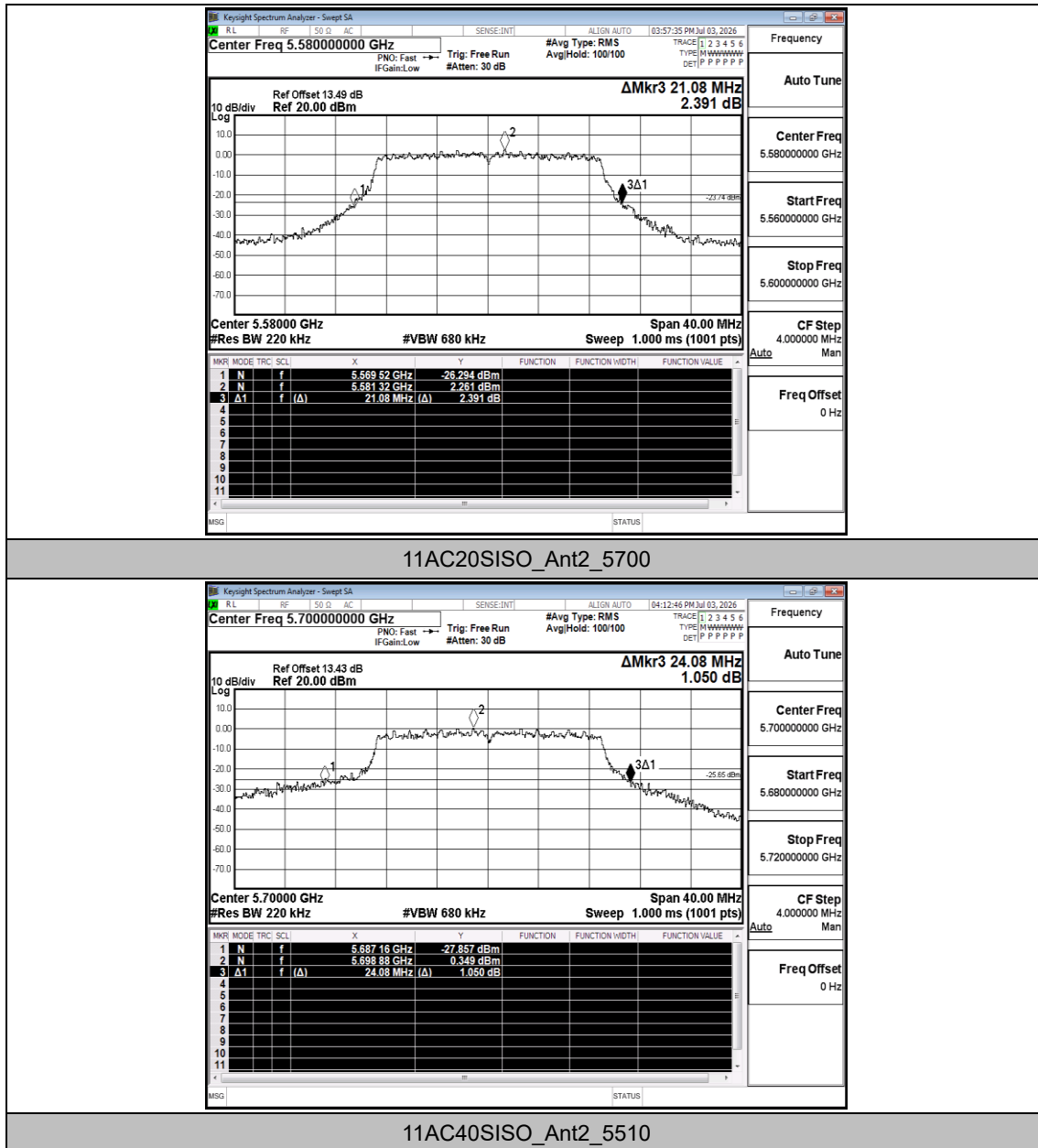


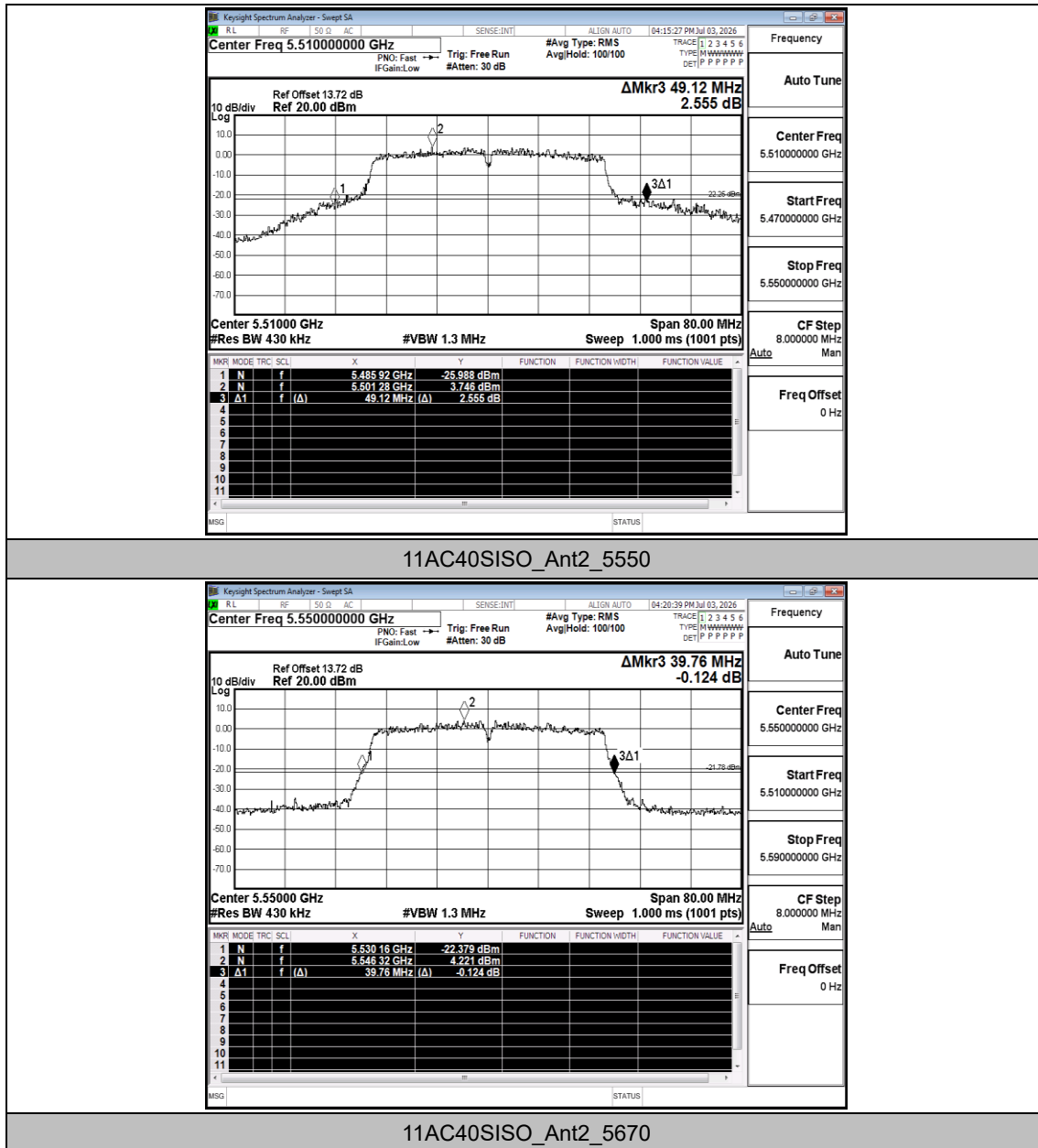


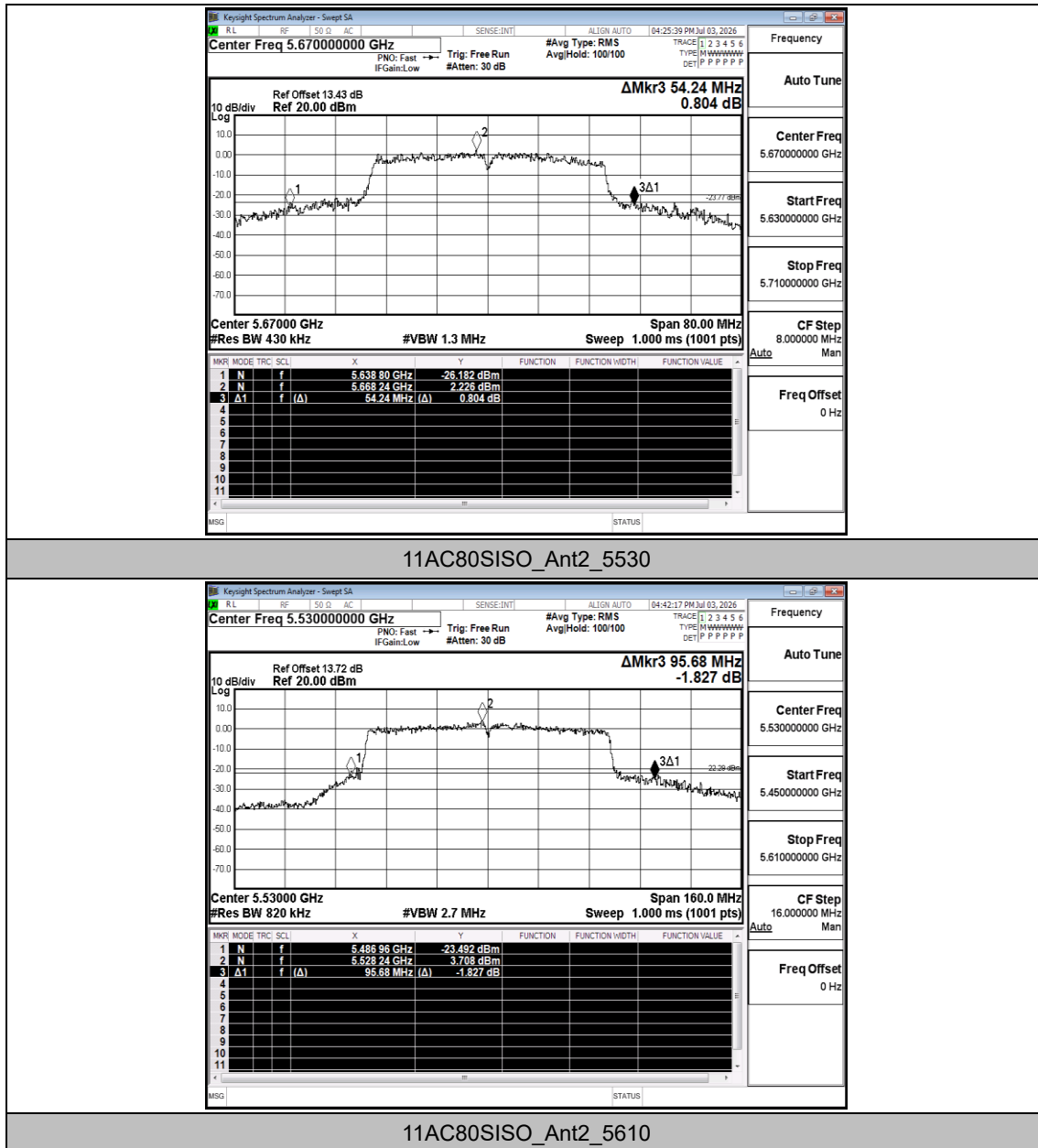


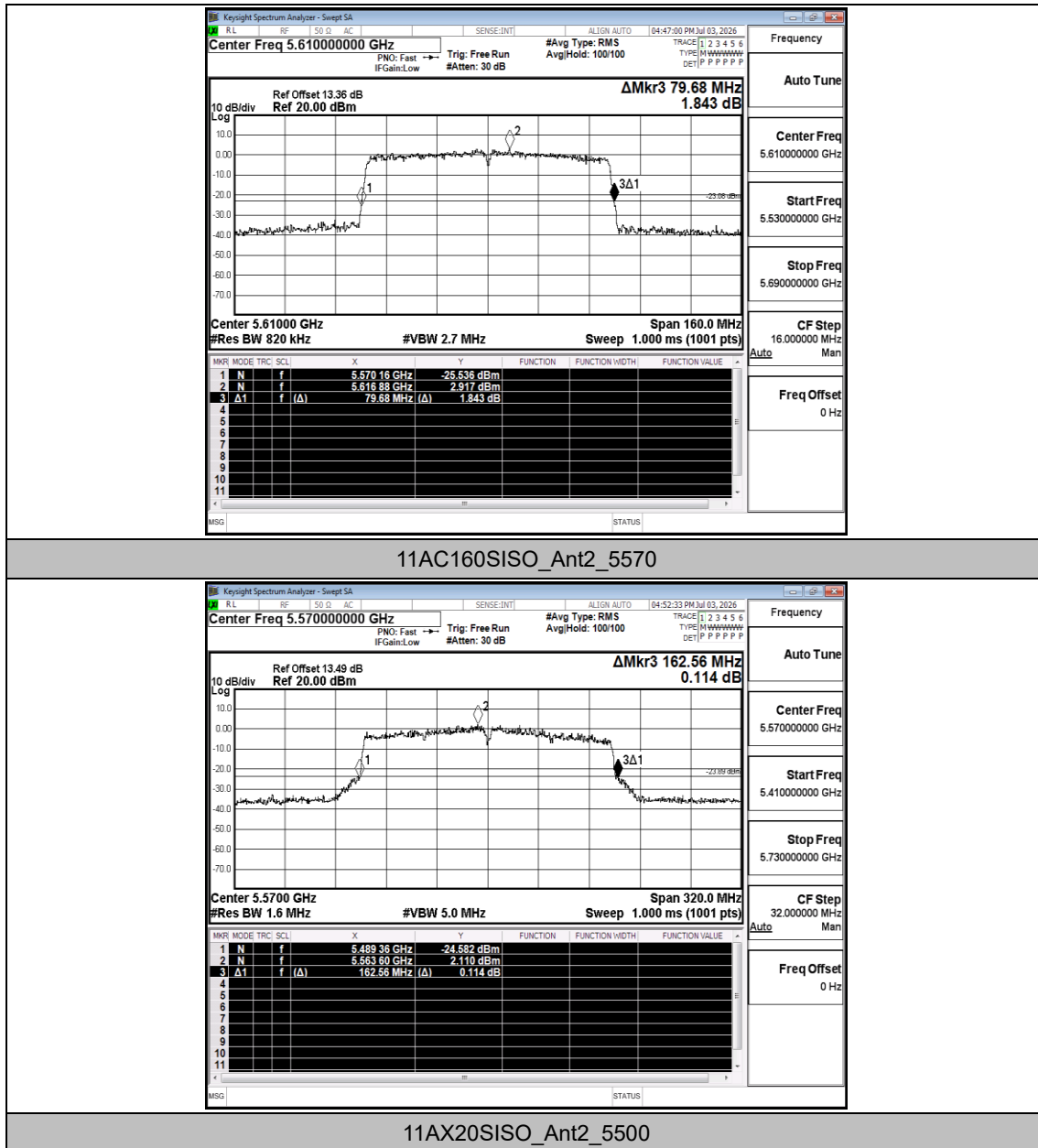


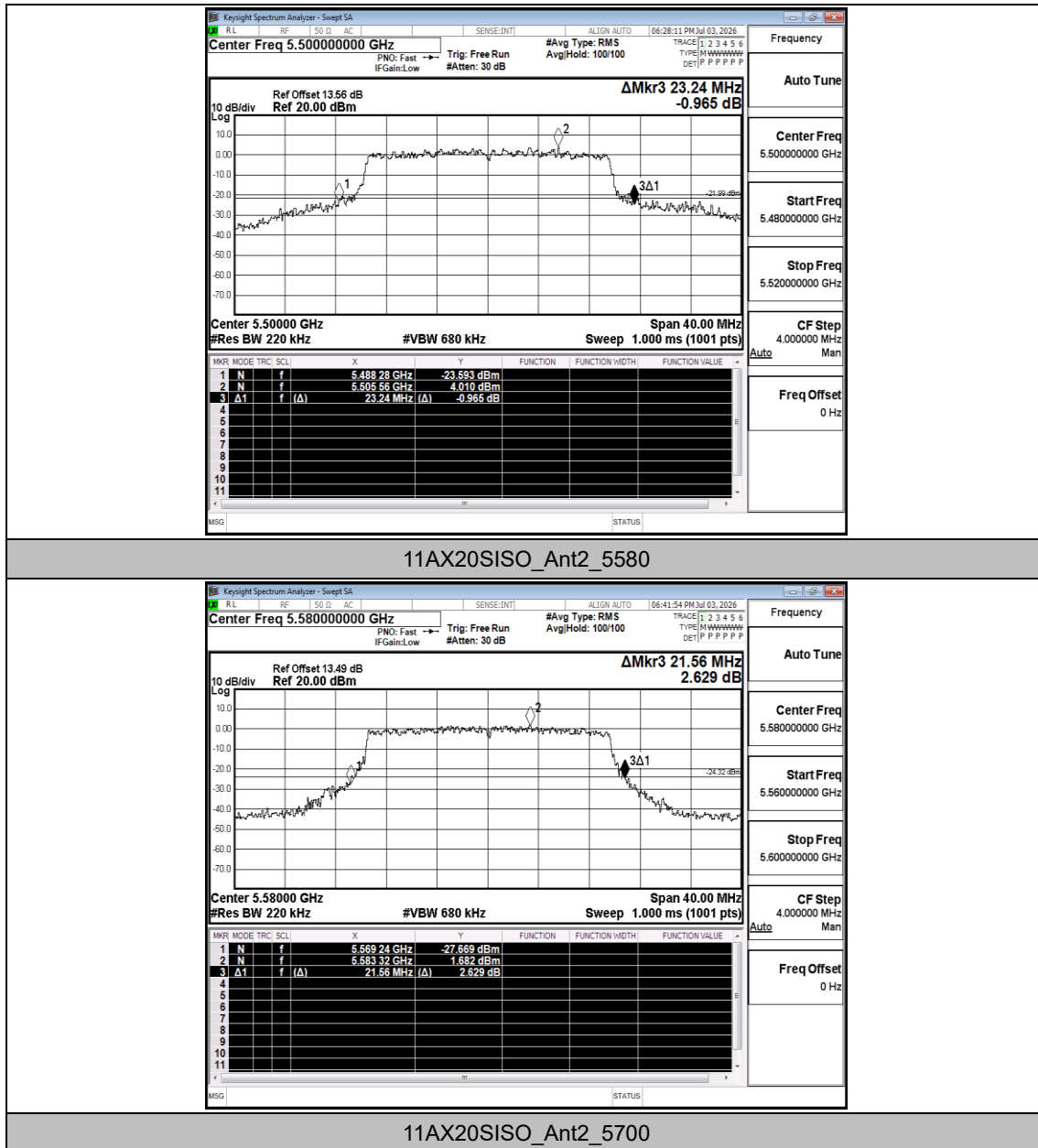


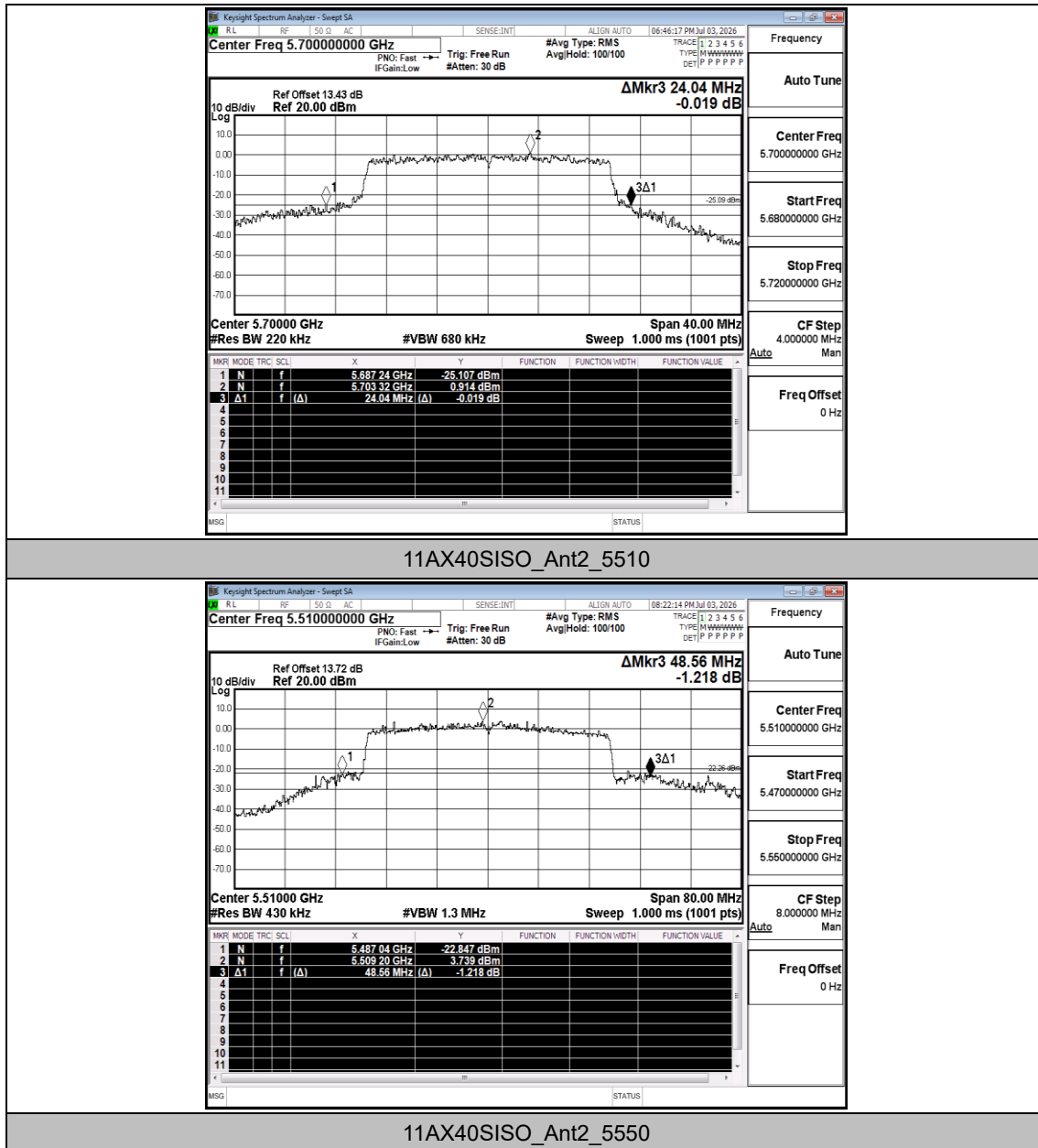


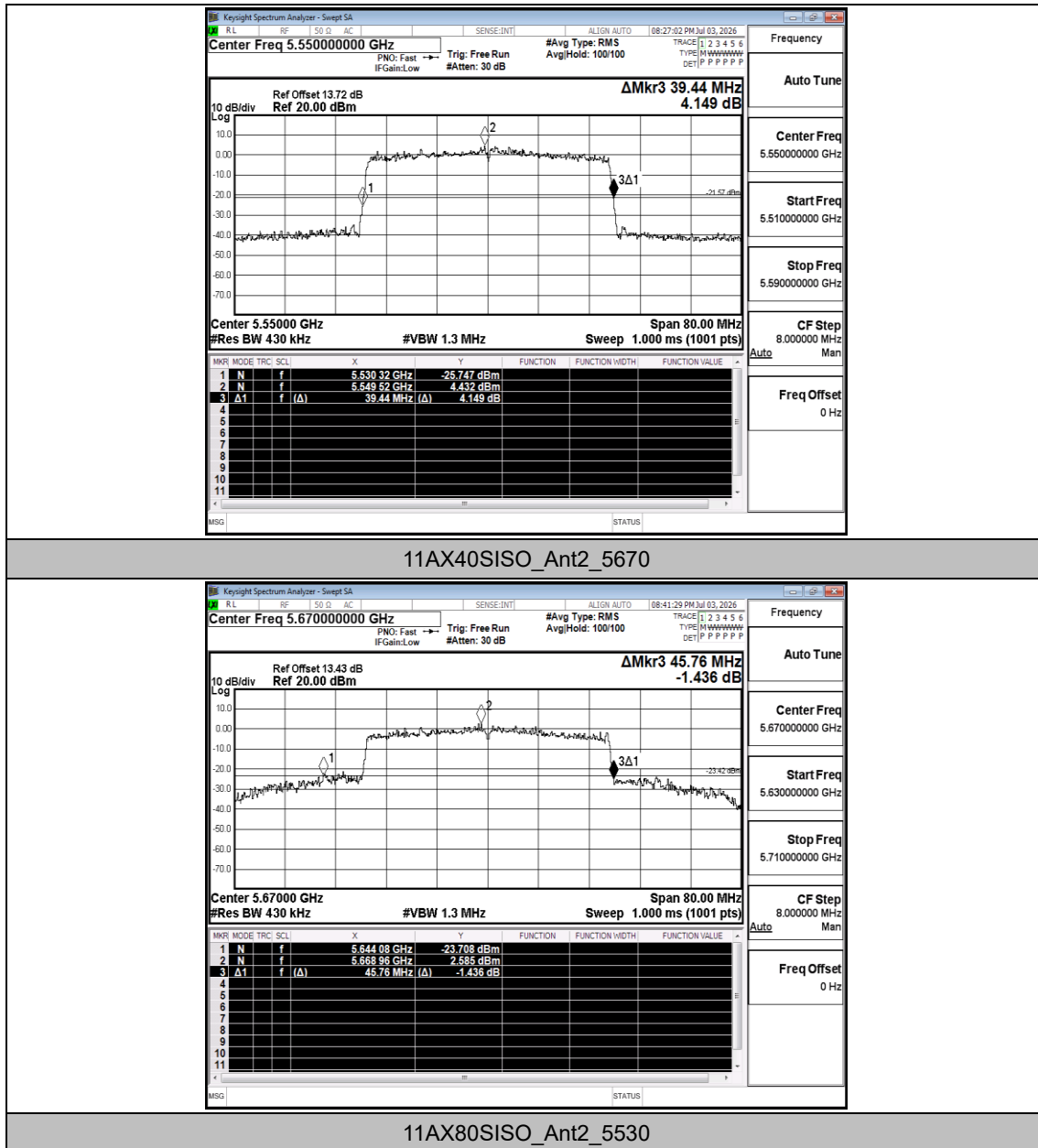


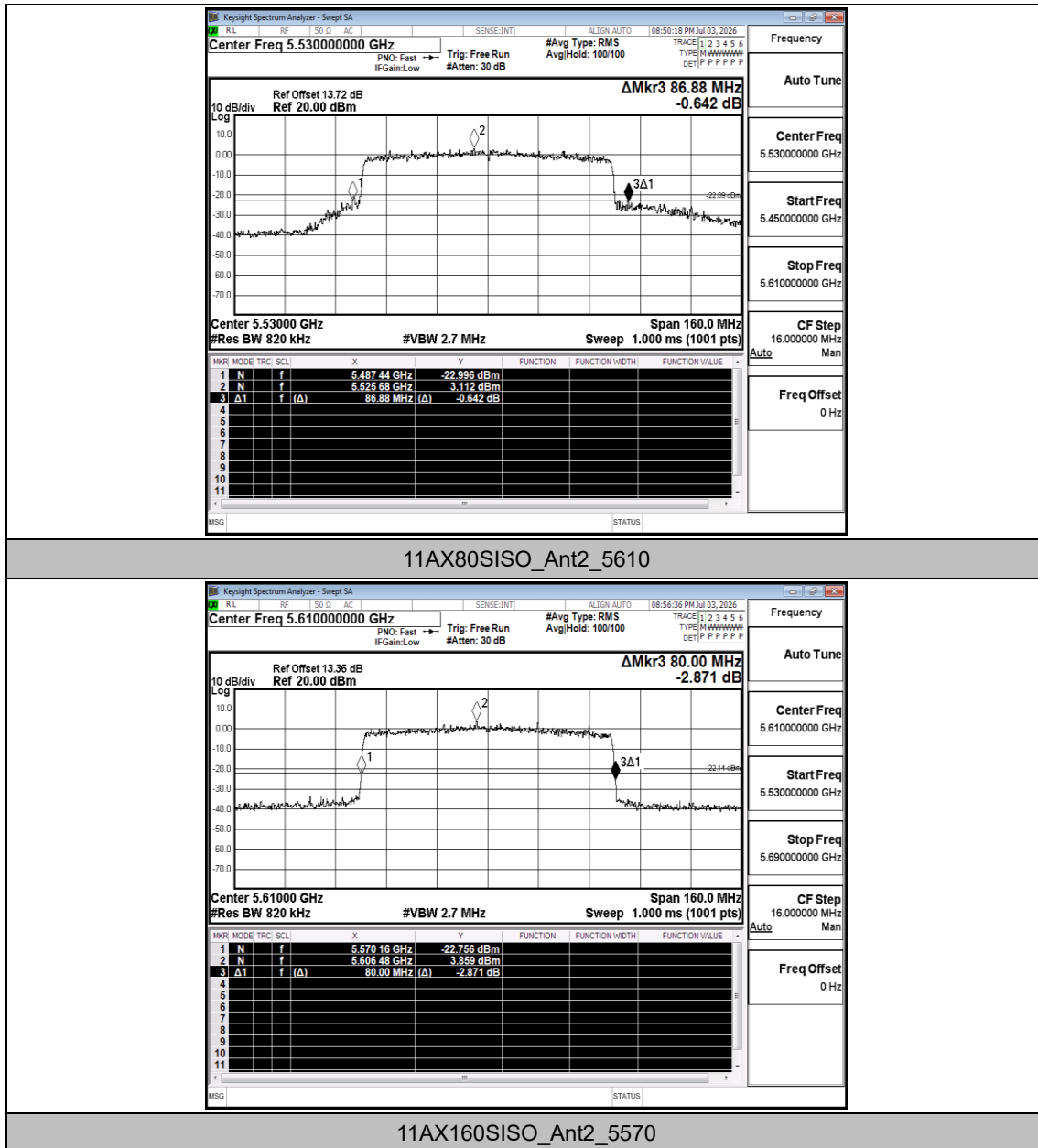


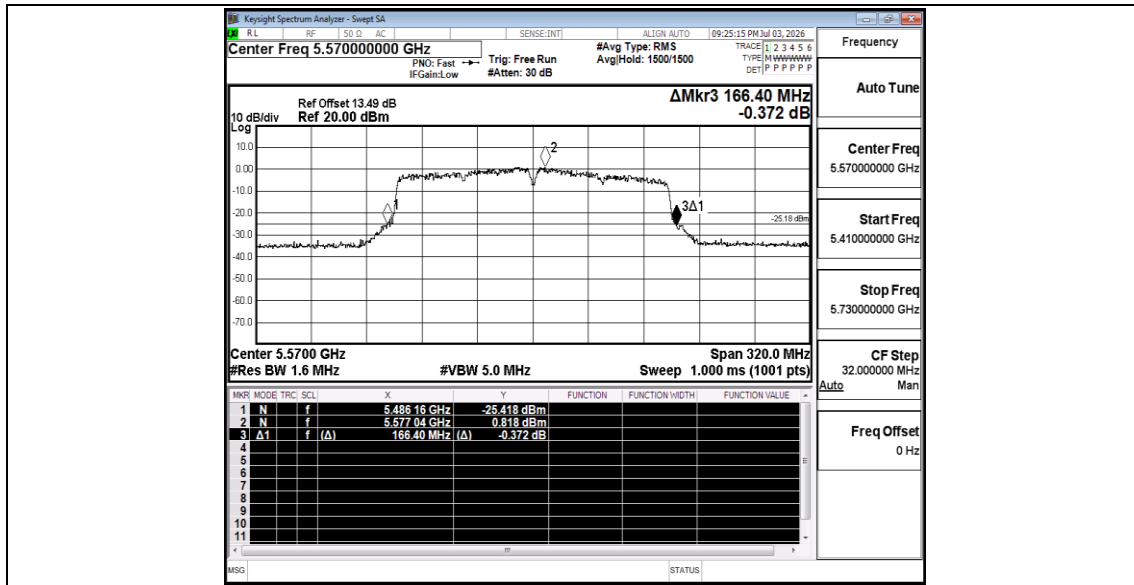












Test Result

TestMode	Antenna	Freq (MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11A	Ant3	5500	24.240	5487.160	5511.400	---	---
		5580	20.560	5569.880	5590.440	---	---
		5700	22.120	5688.520	5710.640	---	---
11N20SISO	Ant3	5500	26.520	5488.360	5514.880	---	---
		5580	21.320	5569.520	5590.840	---	---
		5700	23.920	5687.200	5711.120	---	---
11N40SISO	Ant3	5510	50.480	5483.520	5534.000	---	---
		5550	40.480	5530.000	5570.480	---	---
		5670	50.240	5645.280	5695.520	---	---
11AC20SISO	Ant3	5500	25.680	5488.040	5513.720	---	---
		5580	21.000	5569.800	5590.800	---	---
		5700	24.600	5686.720	5711.320	---	---
11AC40SISO	Ant3	5510	48.400	5486.000	5534.400	---	---
		5550	39.840	5530.240	5570.080	---	---
		5670	60.720	5638.880	5699.600	---	---
11AC80SISO	Ant3	5530	99.520	5484.400	5583.920	---	---
		5610	79.200	5570.640	5649.840	---	---
11AC160SISO	Ant3	5570	166.080	5485.200	5651.280	---	---
11AX20SISO	Ant3	5500	25.800	5488.240	5514.040	---	---
		5580	21.320	5569.520	5590.840	---	---
		5700	24.280	5687.160	5711.440	---	---
11AX40SISO	Ant3	5510	48.080	5487.600	5535.680	---	---
		5550	39.520	5530.480	5570.000	---	---
		5670	51.600	5643.440	5695.040	---	---
11AX80SISO	Ant3	5530	81.120	5489.200	5570.320	---	---
		5610	80.160	5570.160	5650.320	---	---
11AX160SISO	Ant3	5570	165.440	5487.120	5652.560	---	---

Test Graphs

