

Appendix C

RF Test Data for 5.3GWIFI (Conducted Measurement)

Product Name: VEXnet SERVER

Test Model: 210-8909-000

Environmental Conditions

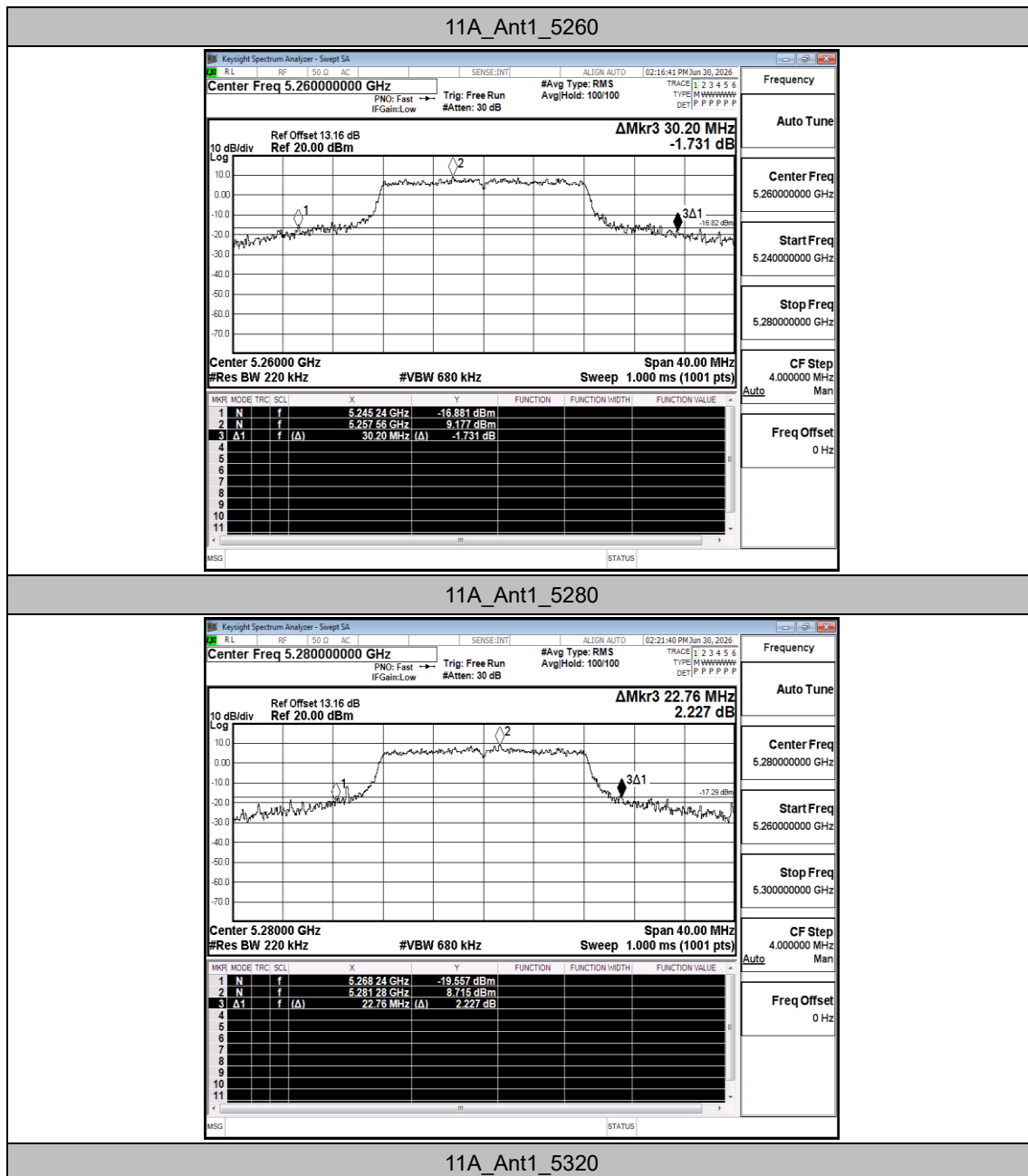
Temperature:	24.5°C
Relative Humidity:	53.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Zhang hai
Supervised by:	FengLiu Tang

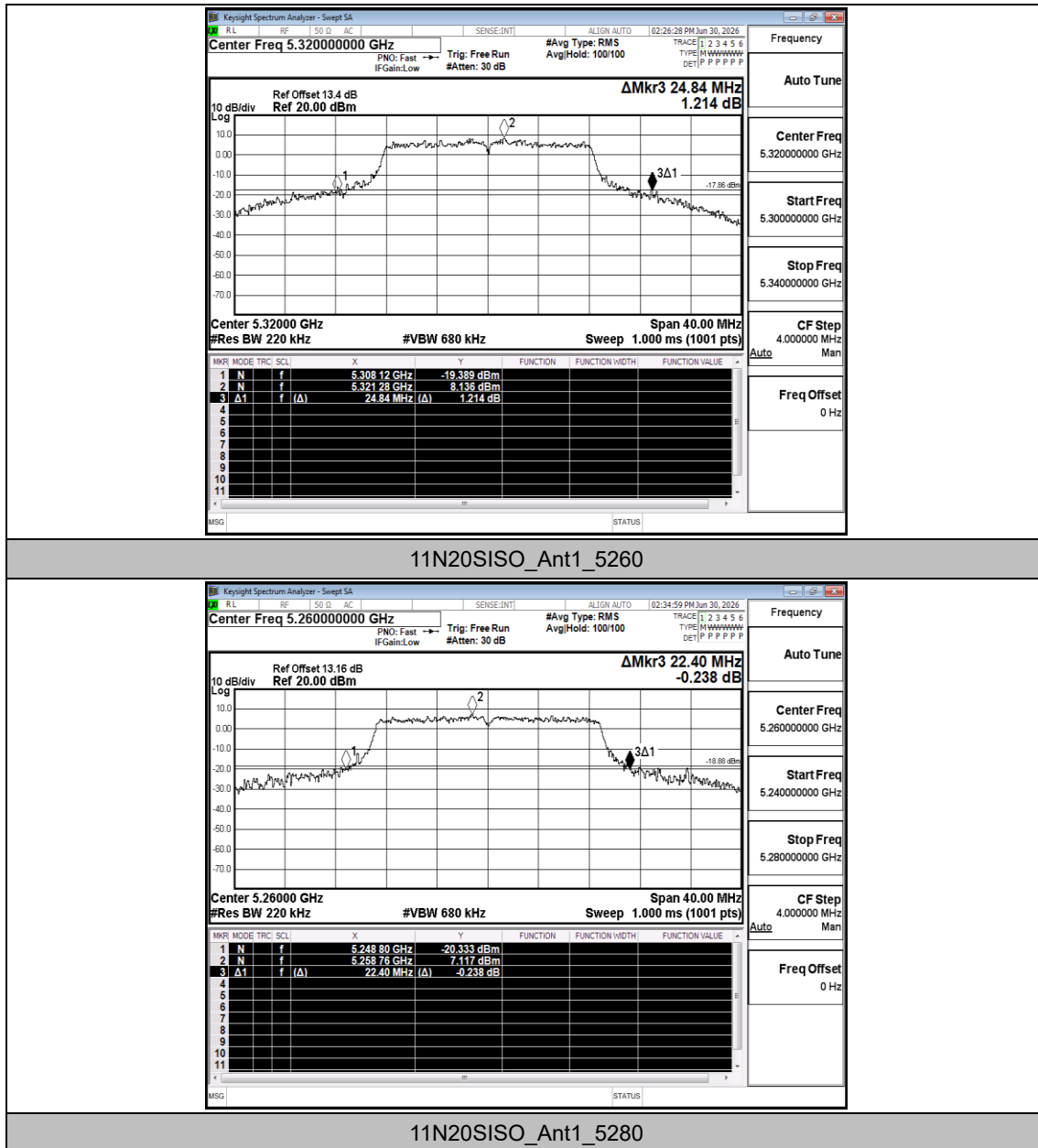
C.1 Emission Bandwidth

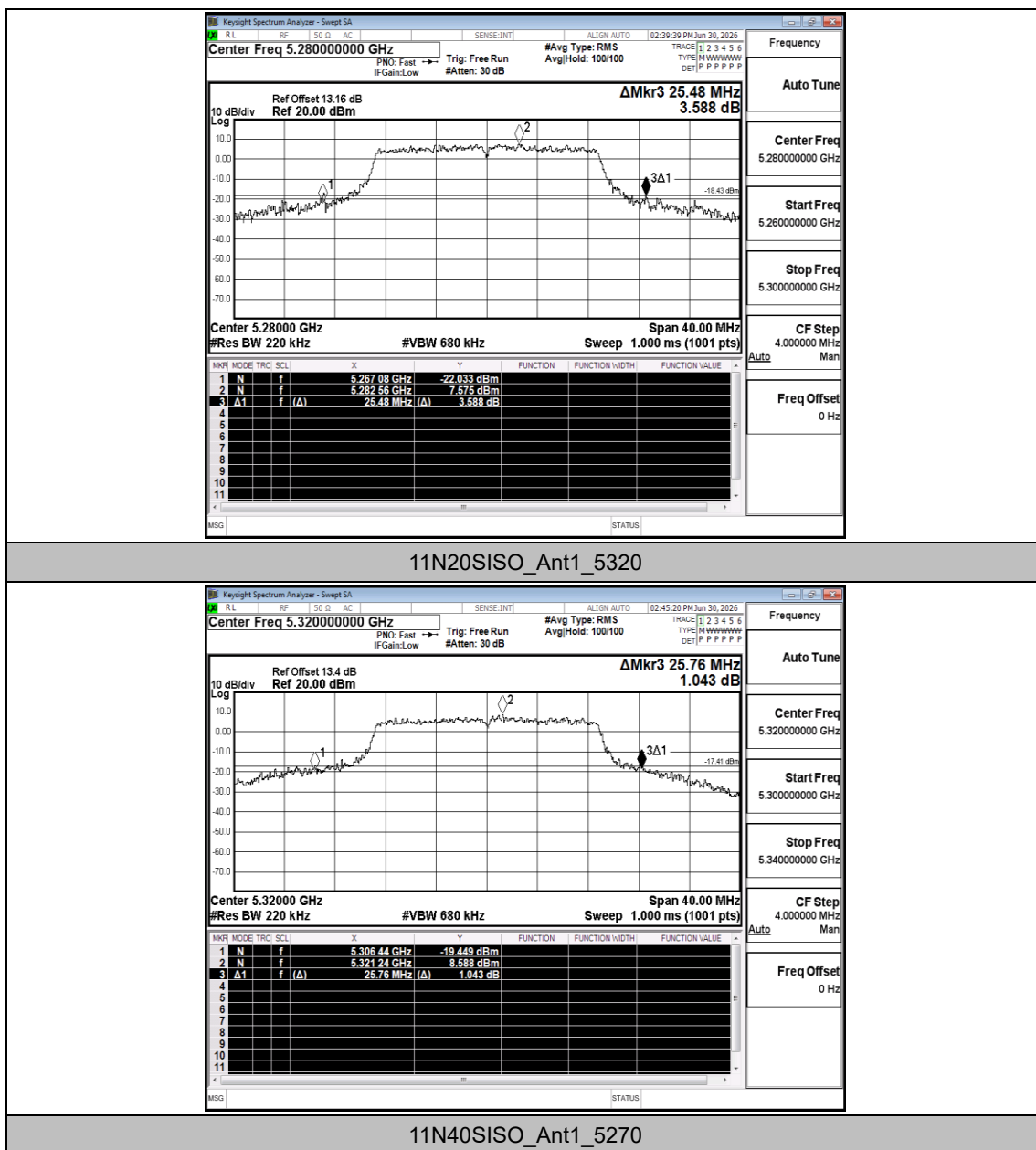
Test Result

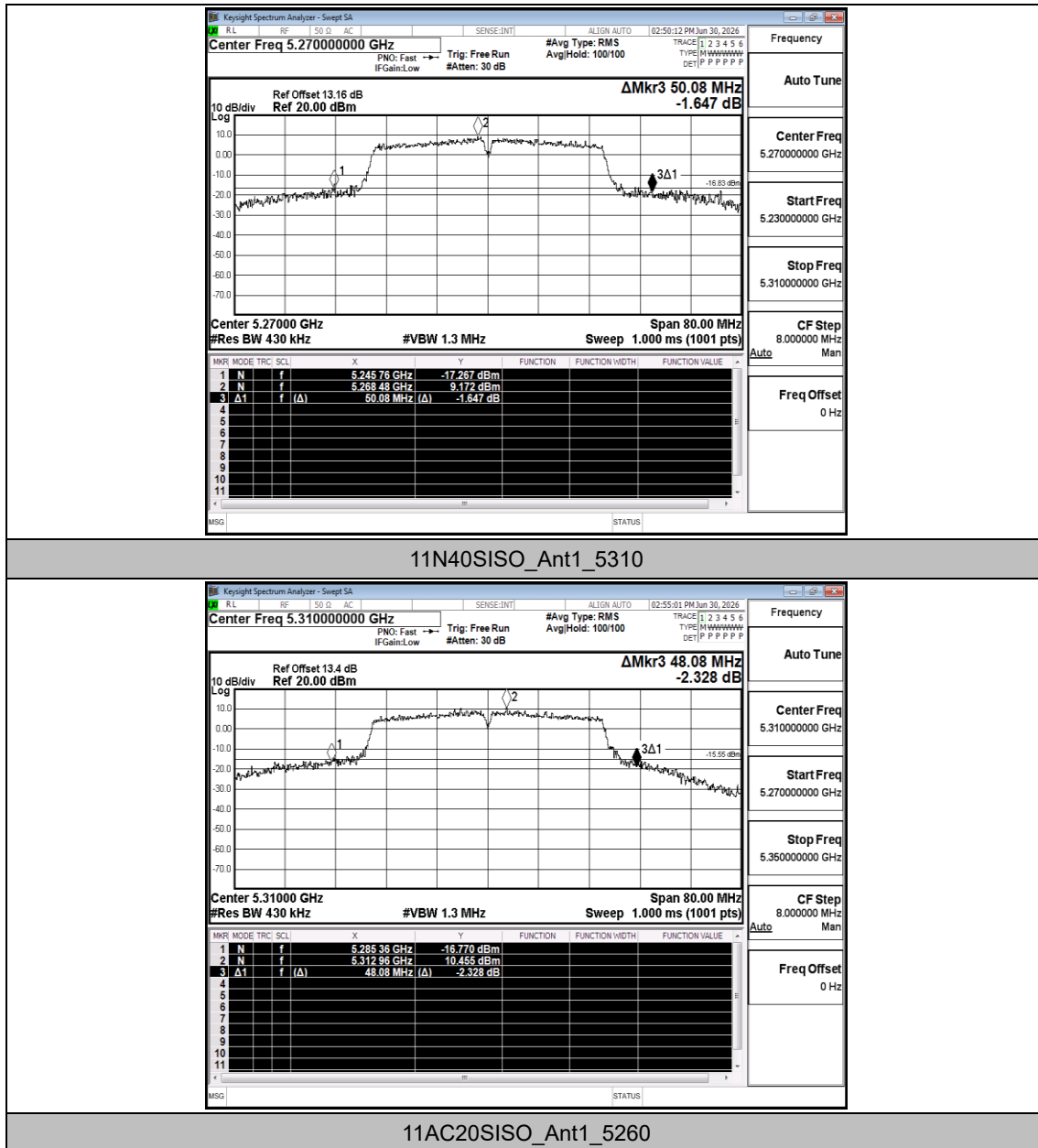
TestMode	Antenna	Freq (MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11A	Ant1	5260	30.200	5245.240	5275.440	---	---
		5280	22.760	5268.240	5291.000	---	---
		5320	24.840	5308.120	5332.960	---	---
11N20SISO	Ant1	5260	22.400	5248.800	5271.200	---	---
		5280	25.480	5267.080	5292.560	---	---
		5320	25.760	5306.440	5332.200	---	---
11N40SISO	Ant1	5270	50.080	5245.760	5295.840	---	---
		5310	48.080	5285.360	5333.440	---	---
11AC20SISO	Ant1	5260	23.040	5249.320	5272.360	---	---
		5280	21.960	5268.600	5290.560	---	---
		5320	26.800	5305.160	5331.960	---	---
11AC40SISO	Ant1	5270	61.680	5242.480	5304.160	---	---
		5310	61.600	5273.760	5335.360	---	---
11AC80SISO	Ant1	5290	115.840	5222.800	5338.640	---	---
11AC160SISO	Ant1	5250	168.320	5167.440	5335.760	---	---
		5250	82.56	5167.440	5250	---	---
11AX20SISO	Ant1	5260	27.120	5245.280	5272.400	---	---
		5280	25.360	5265.880	5291.240	---	---
		5320	28.920	5304.120	5333.040	---	---
11AX40SISO	Ant1	5270	67.440	5237.200	5304.640	---	---
		5310	62.480	5274.560	5337.040	---	---
11AX80SISO	Ant1	5290	100.480	5234.000	5334.480	---	---
11AX160SISO	Ant1	5250	168.320	5166.800	5335.120	---	---
		5250	83.2	5166.800	5250	---	---

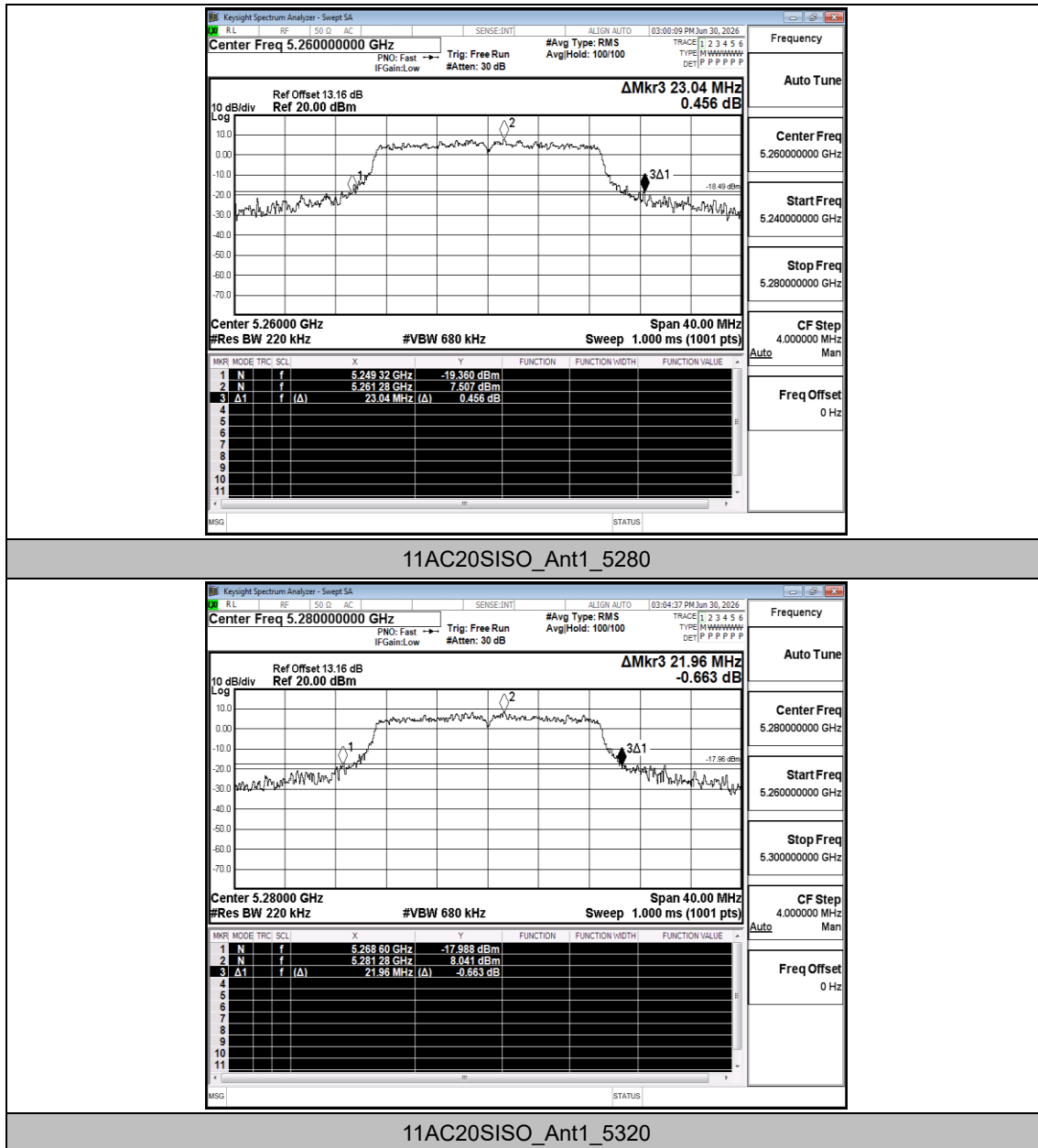
Test Graphs

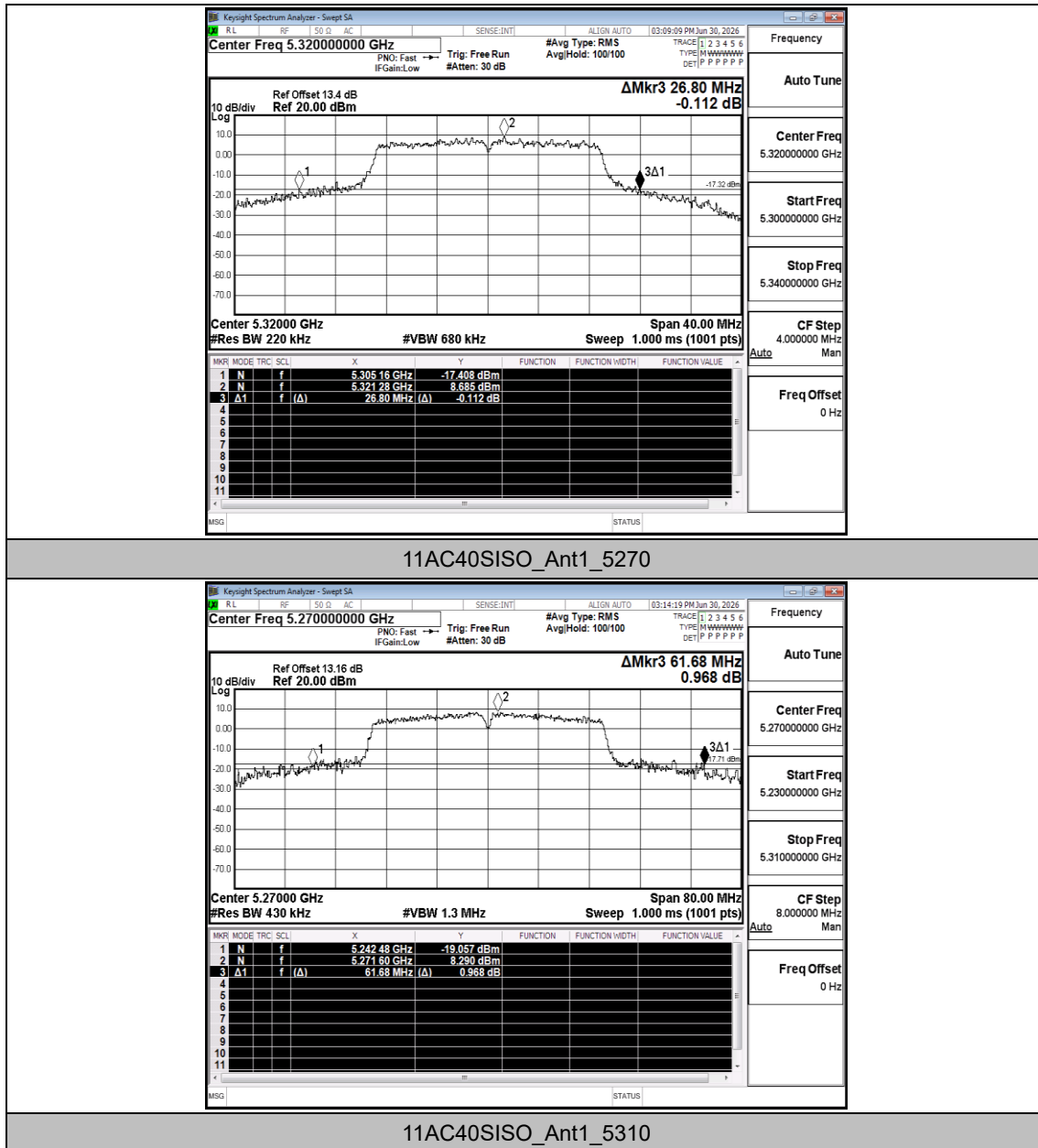


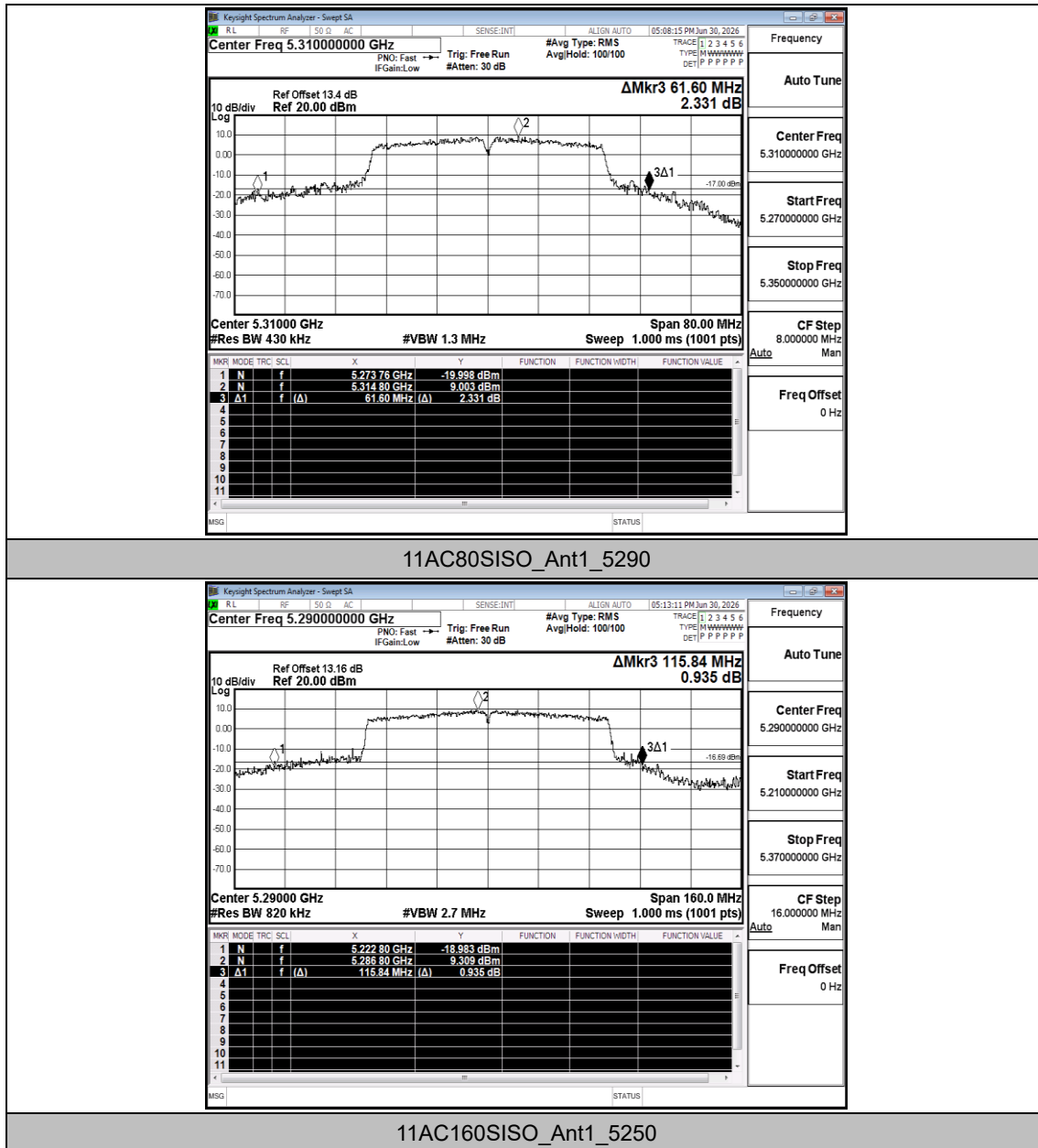


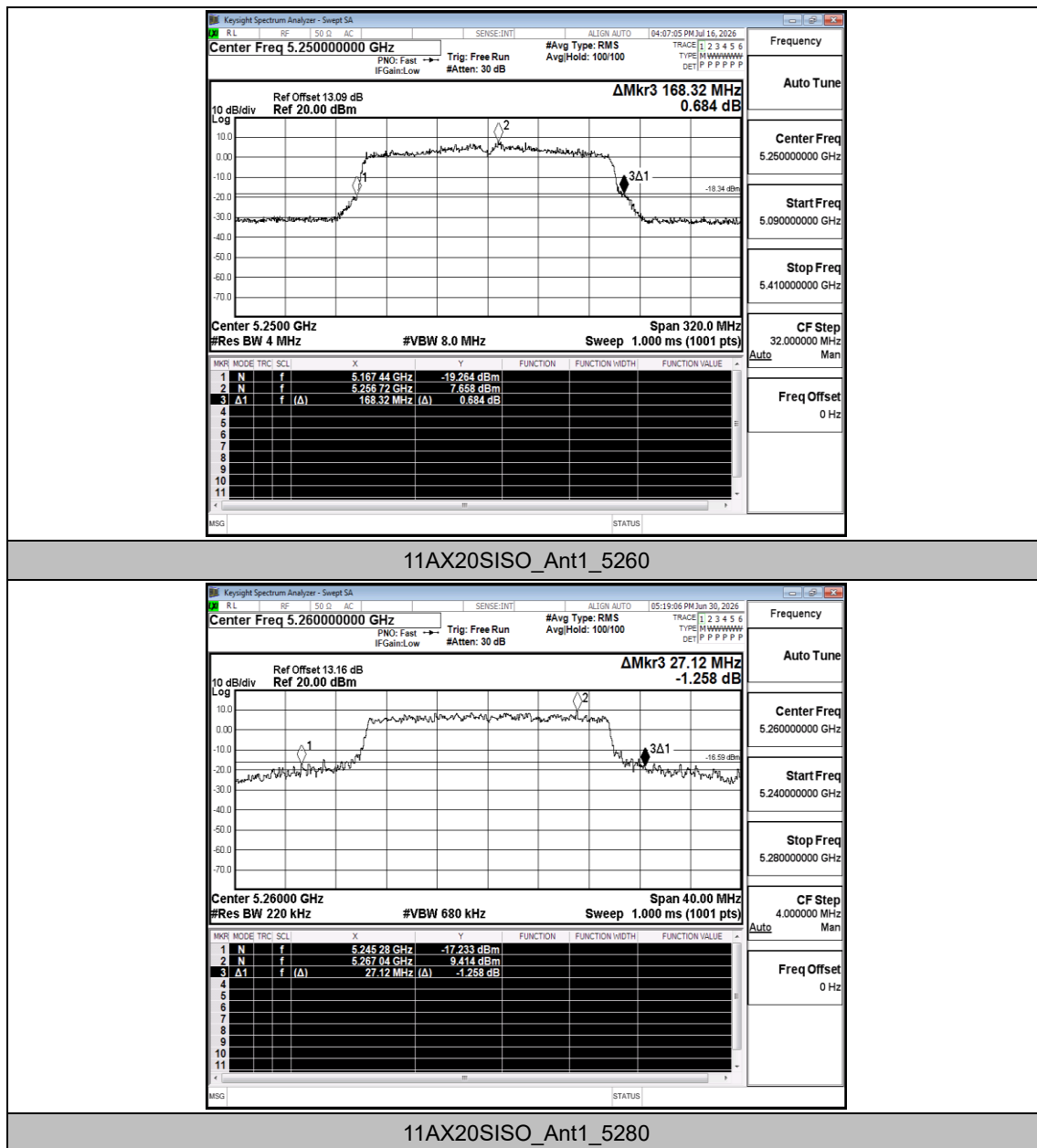


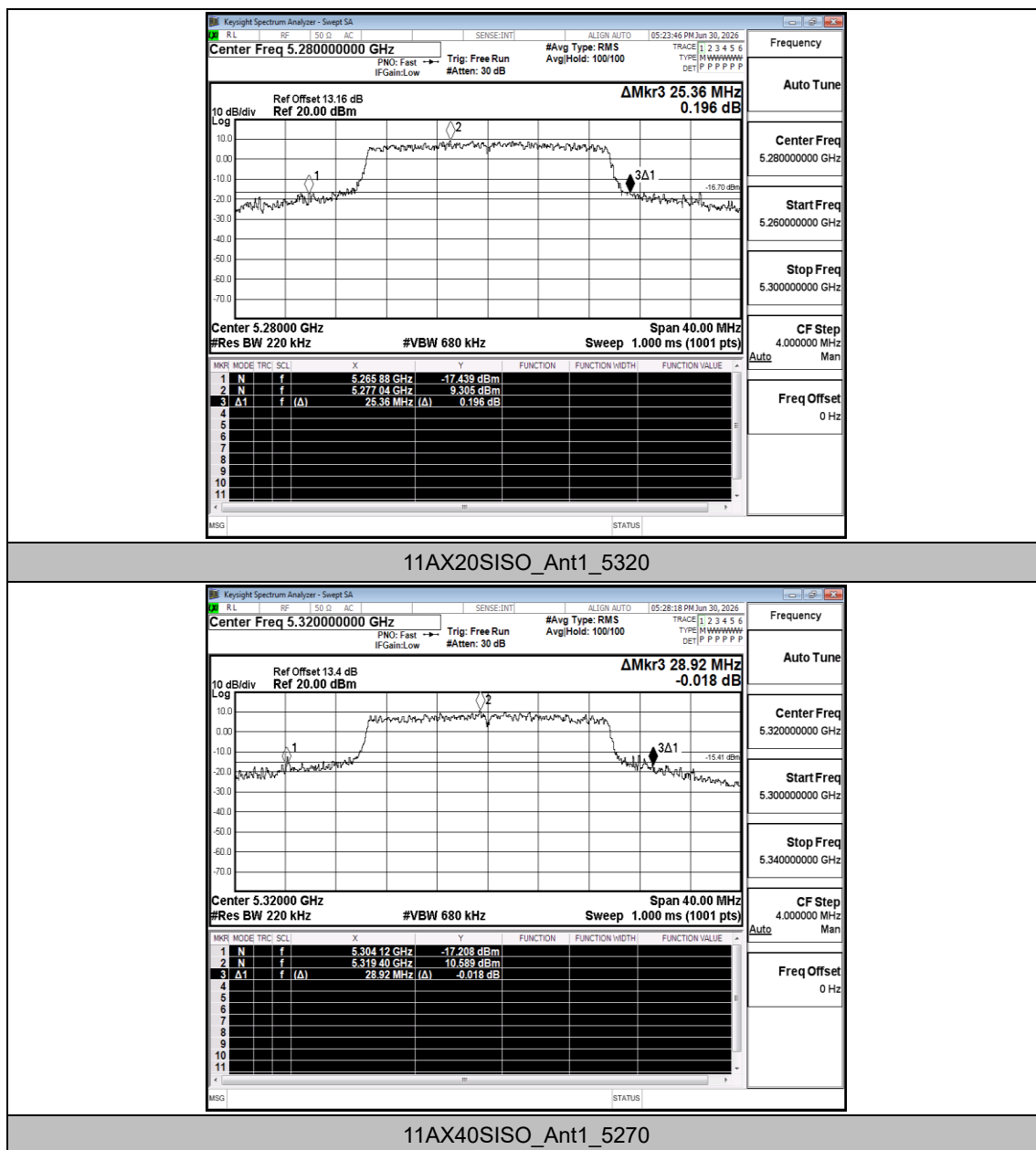


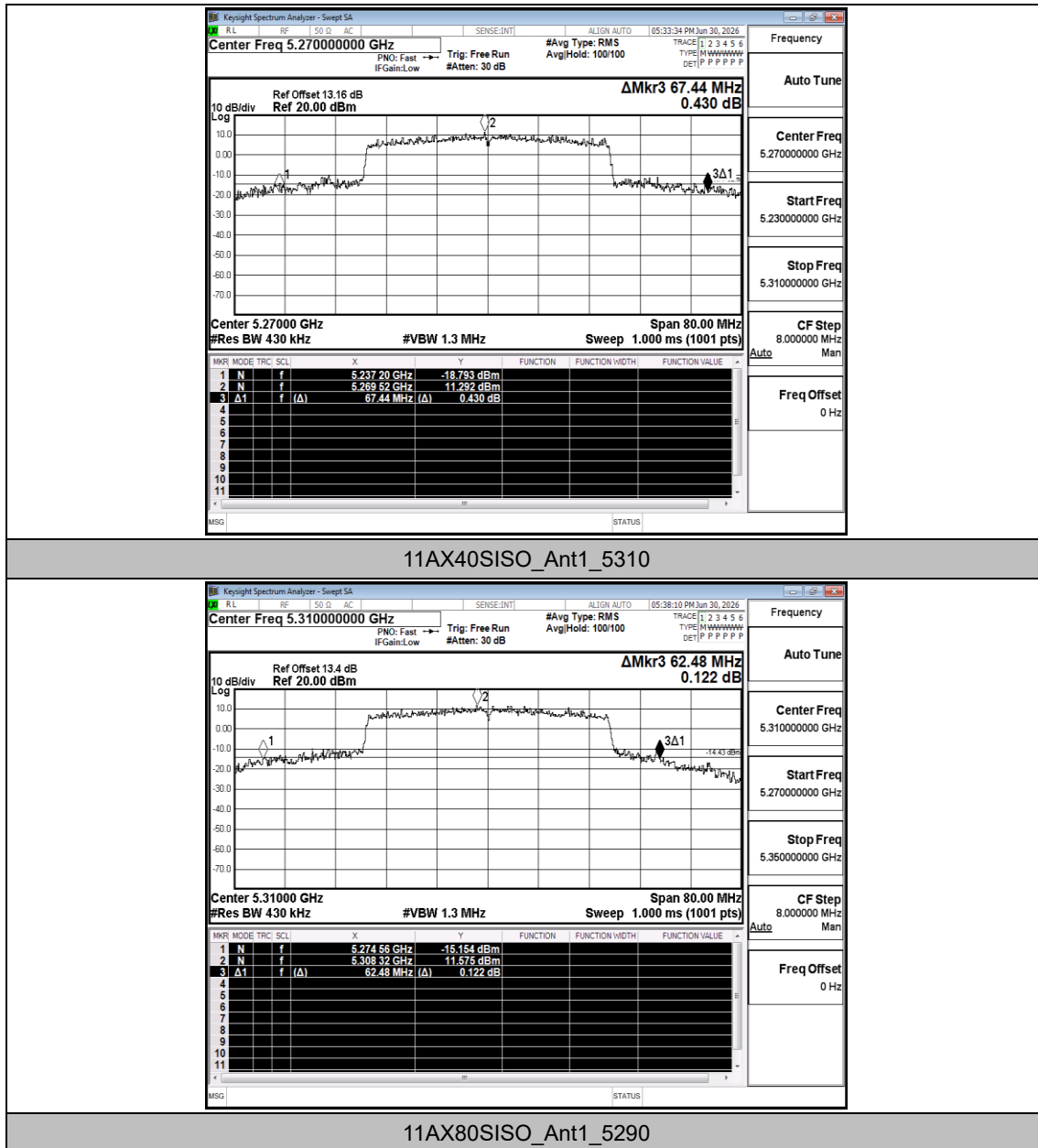


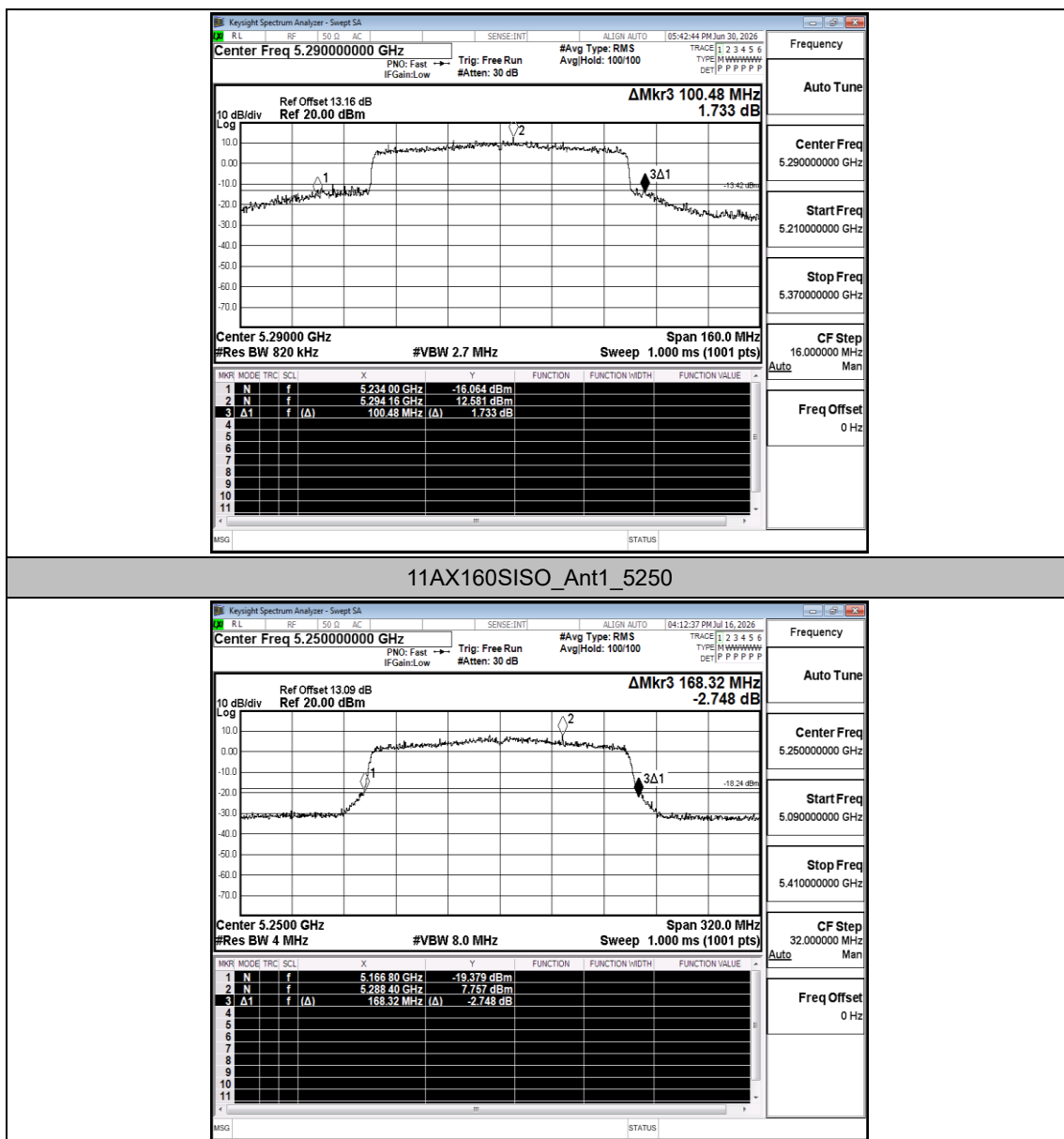








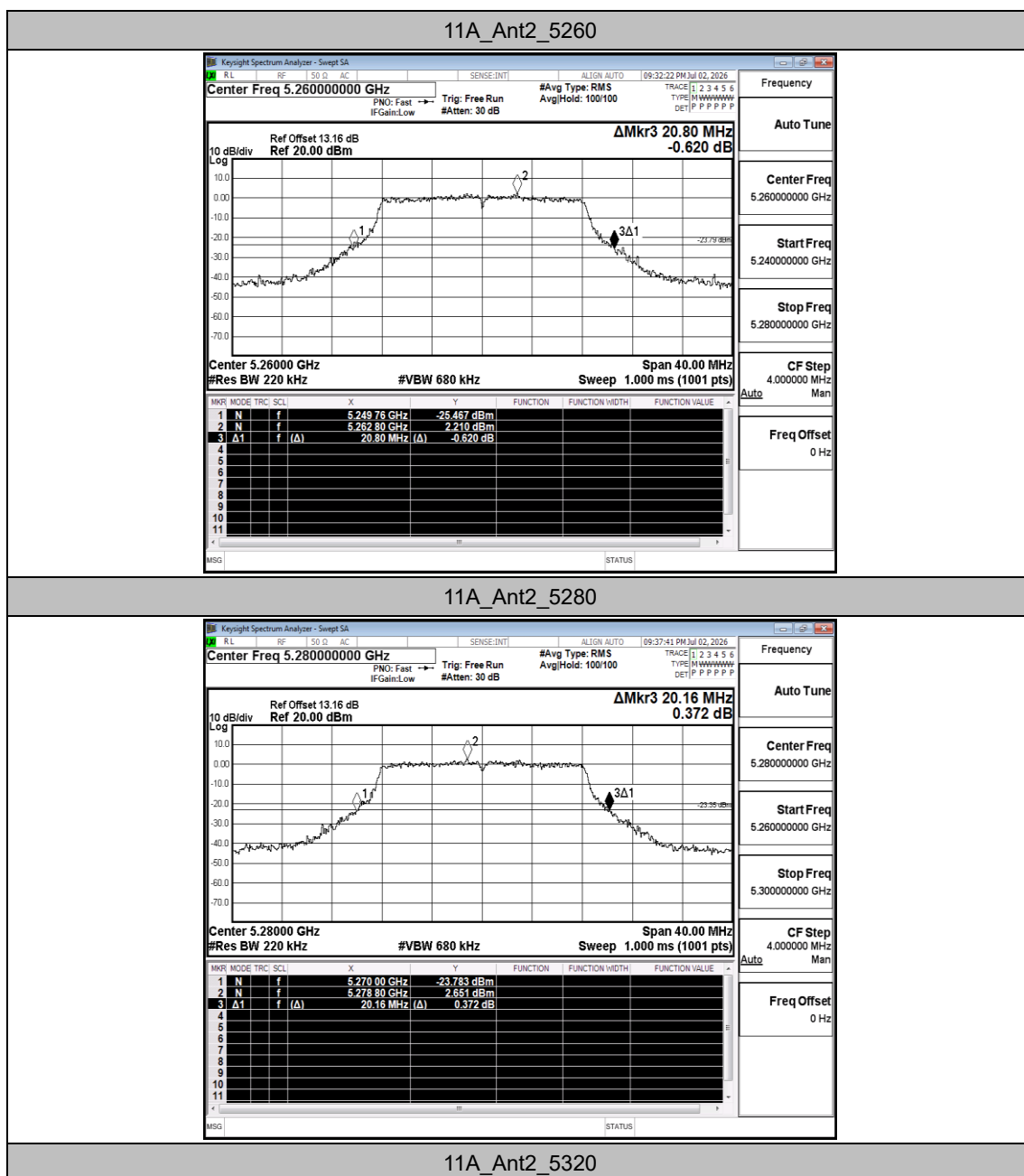


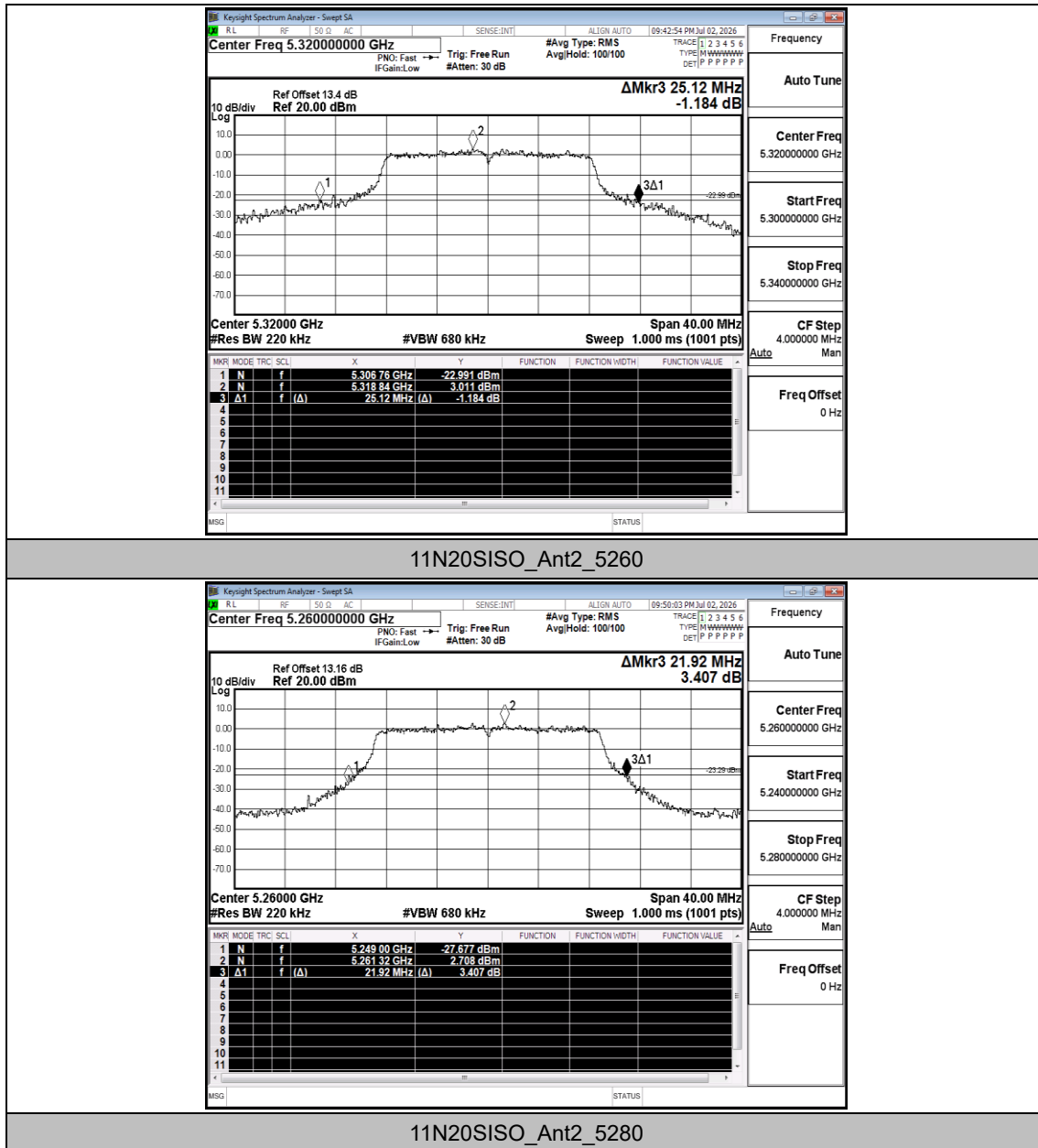


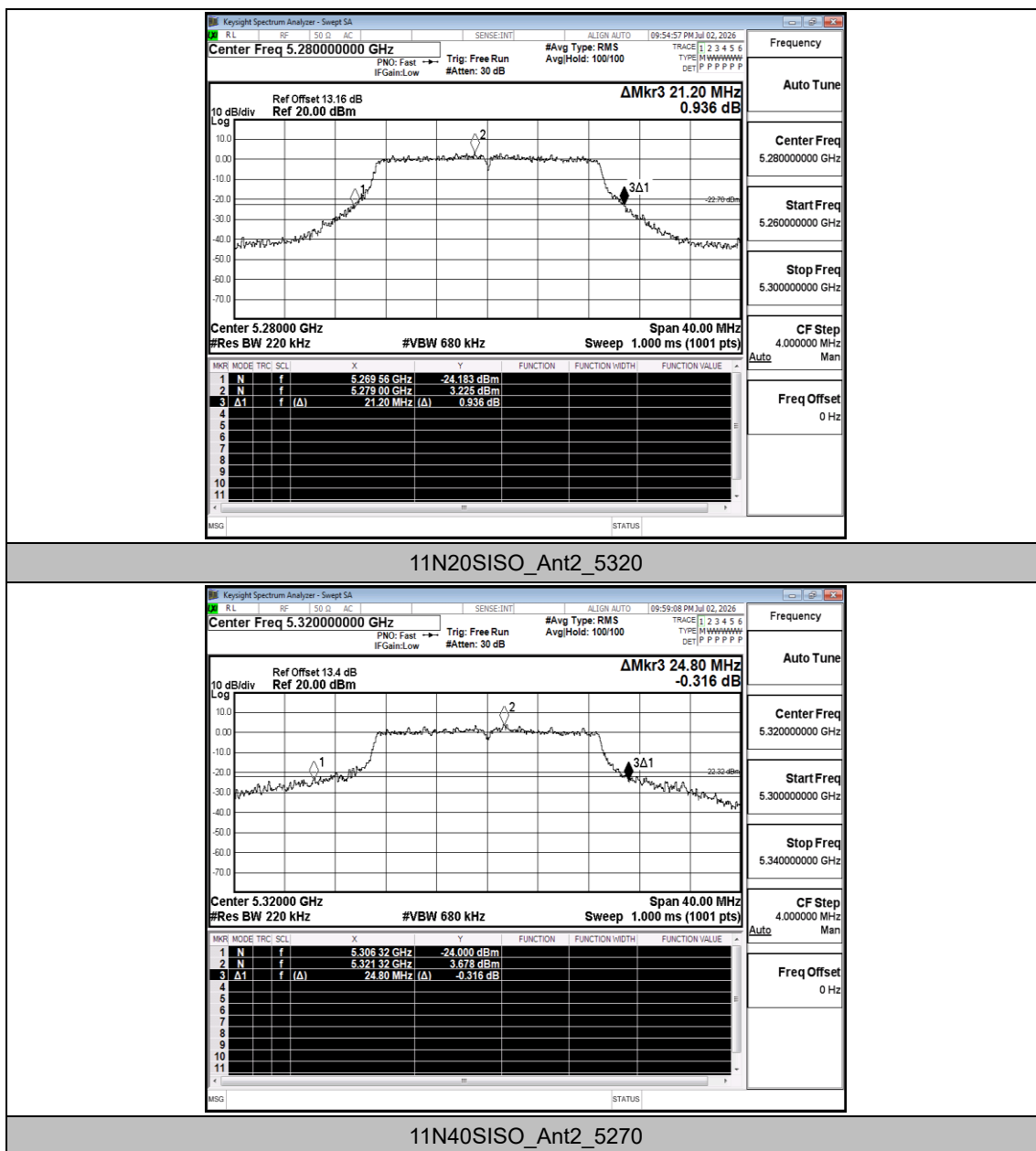
Test Result

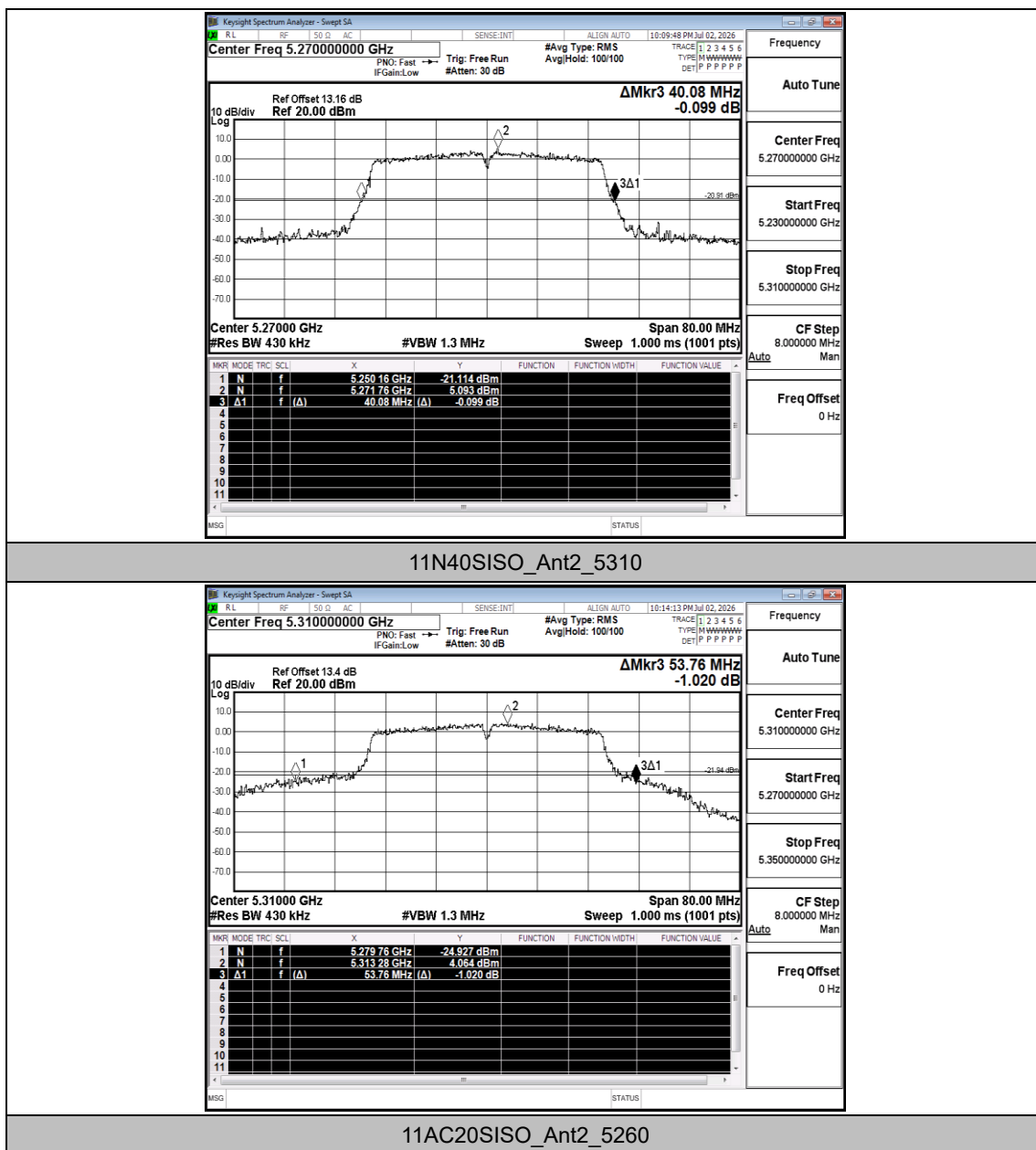
TestMode	Antenna	Freq (MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11A	Ant2	5260	20.800	5249.760	5270.560	---	---
		5280	20.160	5270.000	5290.160	---	---
		5320	25.120	5306.760	5331.880	---	---
11N20SISO	Ant2	5260	21.920	5249.000	5270.920	---	---
		5280	21.200	5269.560	5290.760	---	---
		5320	24.800	5306.320	5331.120	---	---
11N40SISO	Ant2	5270	40.080	5250.160	5290.240	---	---
		5310	53.760	5279.760	5333.520	---	---
11AC20SISO	Ant2	5260	21.400	5249.440	5270.840	---	---
		5280	21.160	5269.680	5290.840	---	---
		5320	26.120	5306.200	5332.320	---	---
11AC40SISO	Ant2	5270	40.080	5249.920	5290.000	---	---
		5310	49.120	5283.920	5333.040	---	---
11AC80SISO	Ant2	5290	92.800	5237.680	5330.480	---	---
11AC160SISO	Ant2	5250	168.320	5167.760	5336.080	---	---
		5250	82.24	5167.760	5250	---	---
11AX20SISO	Ant2	5260	21.360	5249.400	5270.760	---	---
		5280	21.640	5269.400	5291.040	---	---
		5320	28.360	5306.000	5334.360	---	---
11AX40SISO	Ant2	5270	39.440	5250.400	5289.840	---	---
		5310	39.760	5290.240	5330.000	---	---
11AX80SISO	Ant2	5290	85.920	5244.400	5330.320	---	---
11AX160SISO	Ant2	5250	177.280	5161.360	5338.640	---	---
		5250	88.64	5161.360	5250	---	---

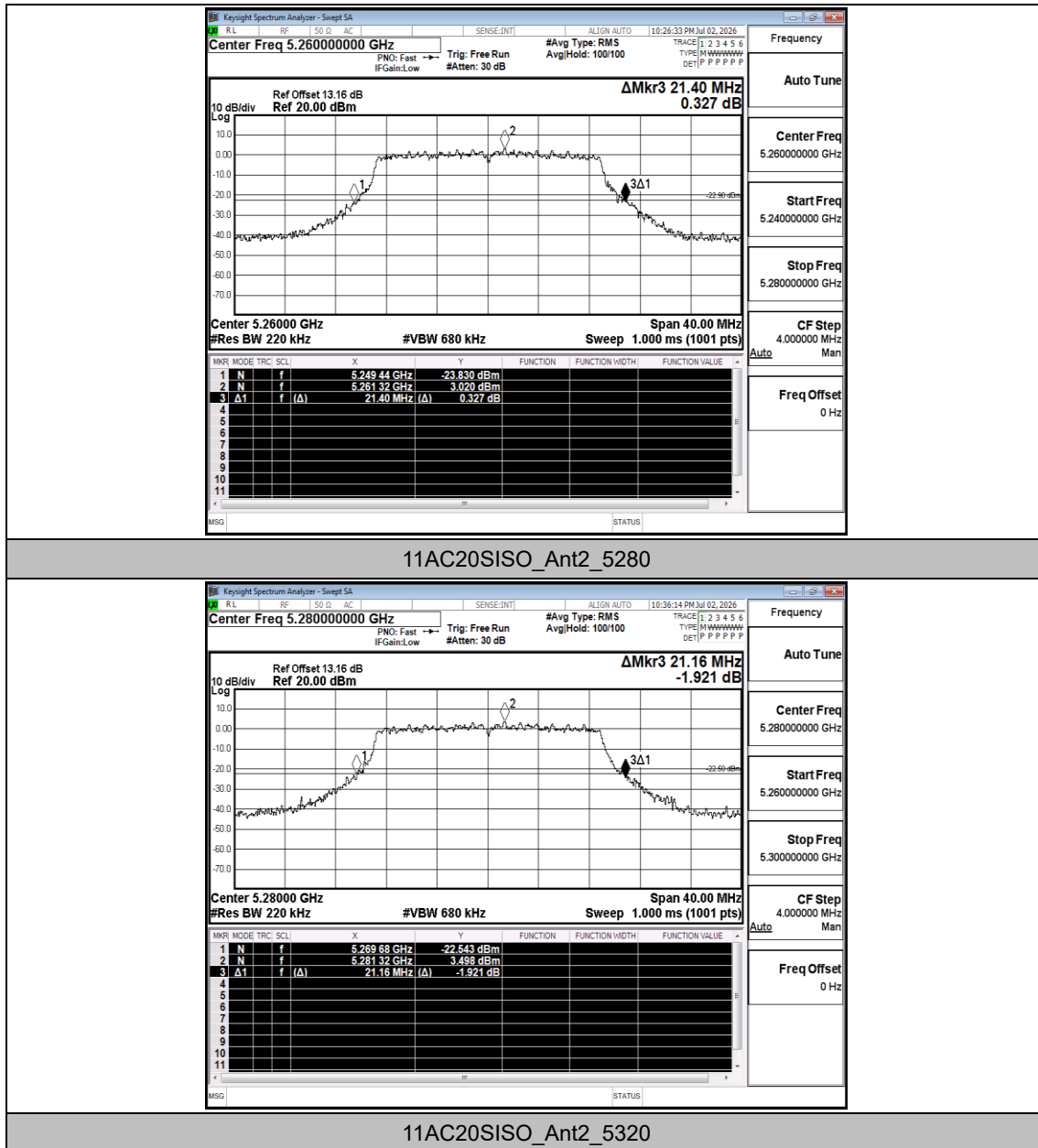
Test Graphs

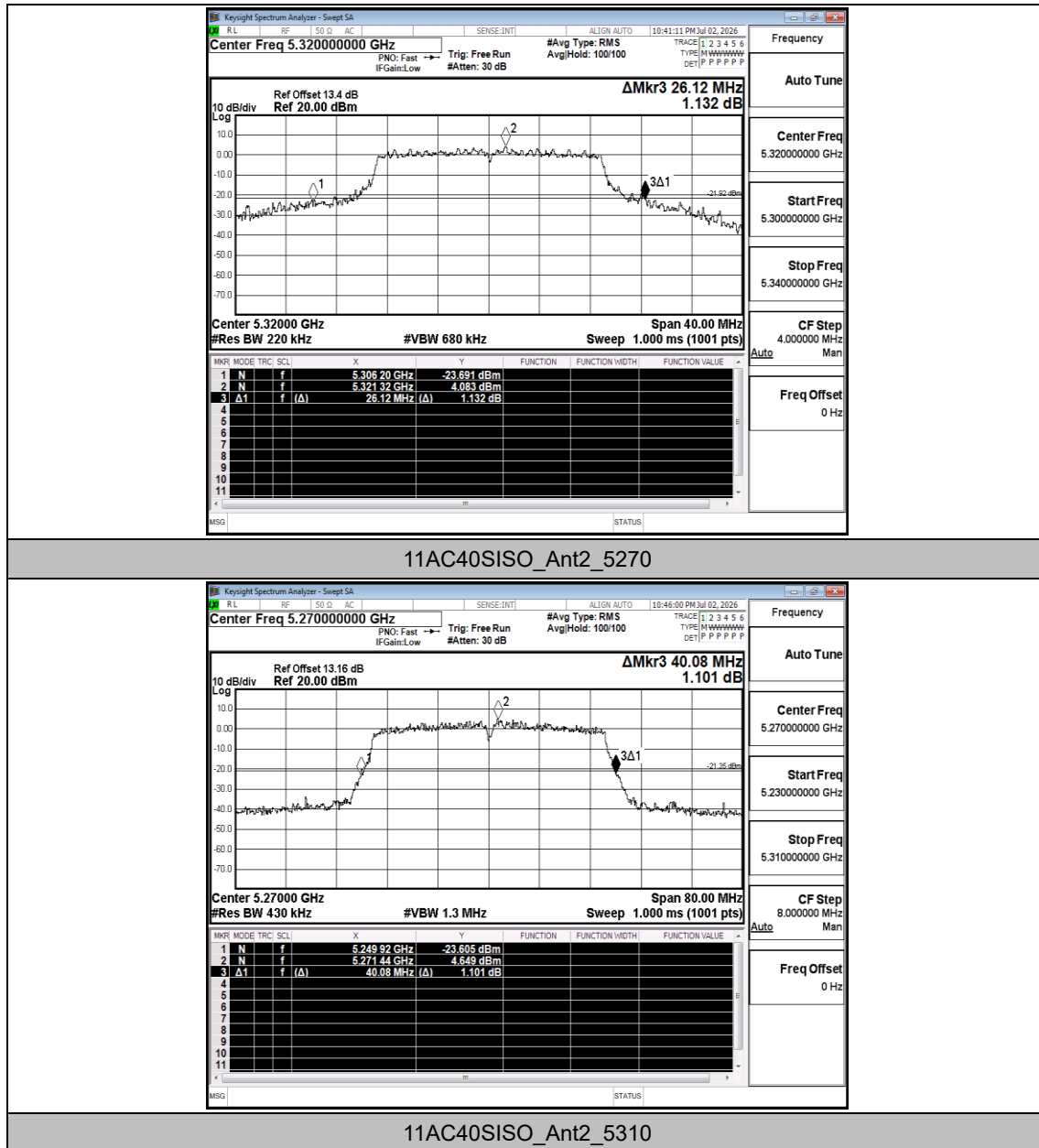


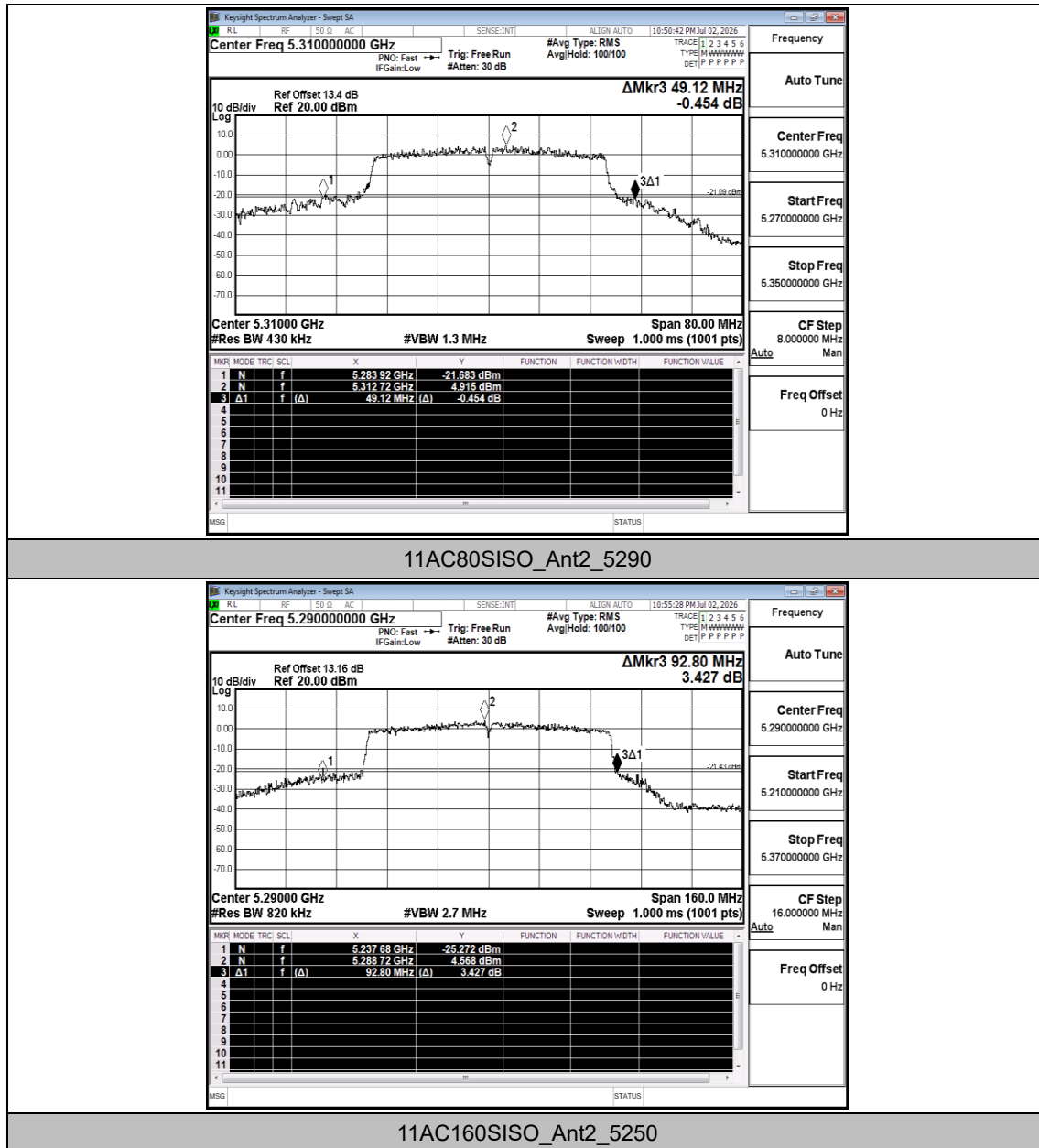


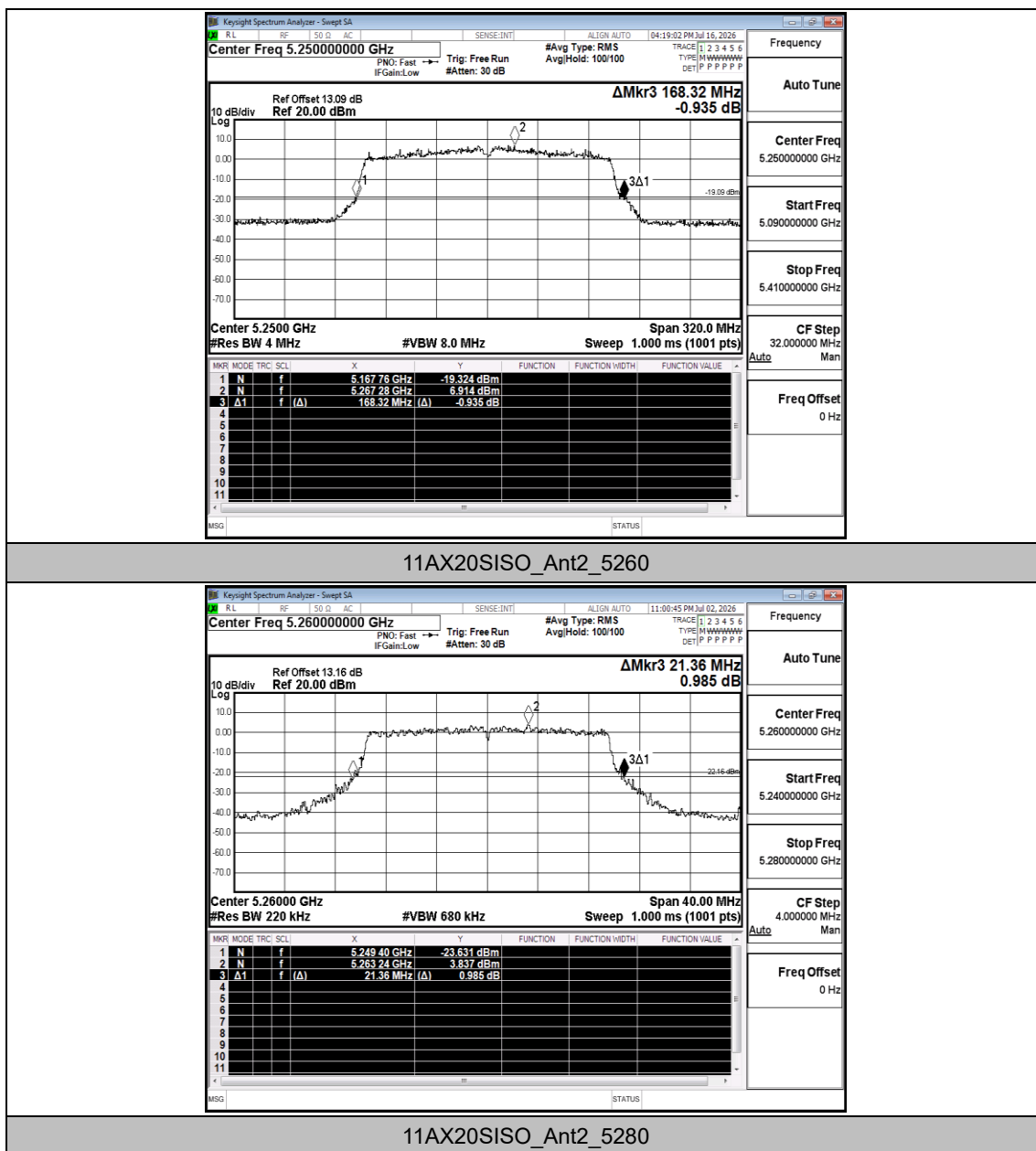


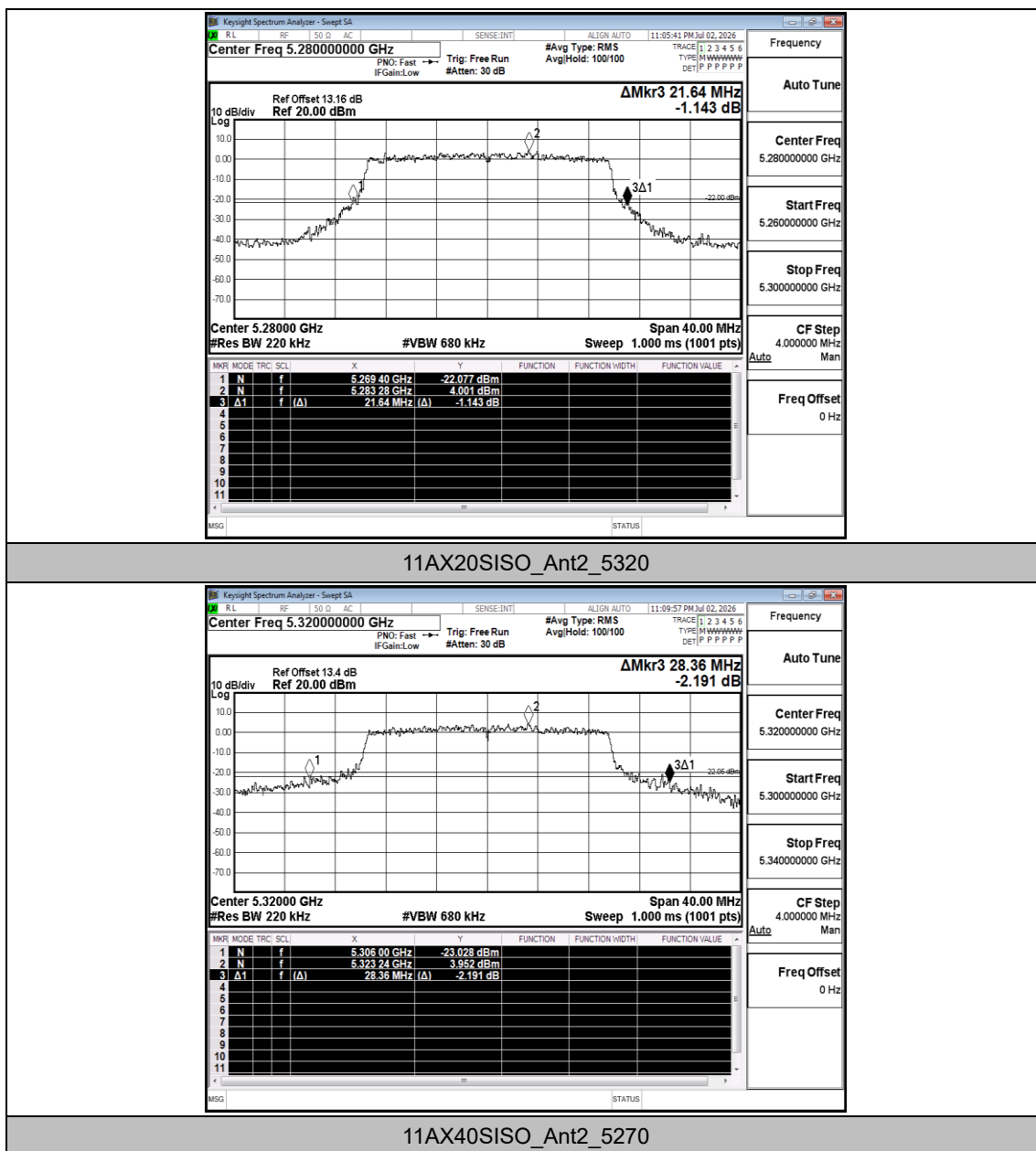


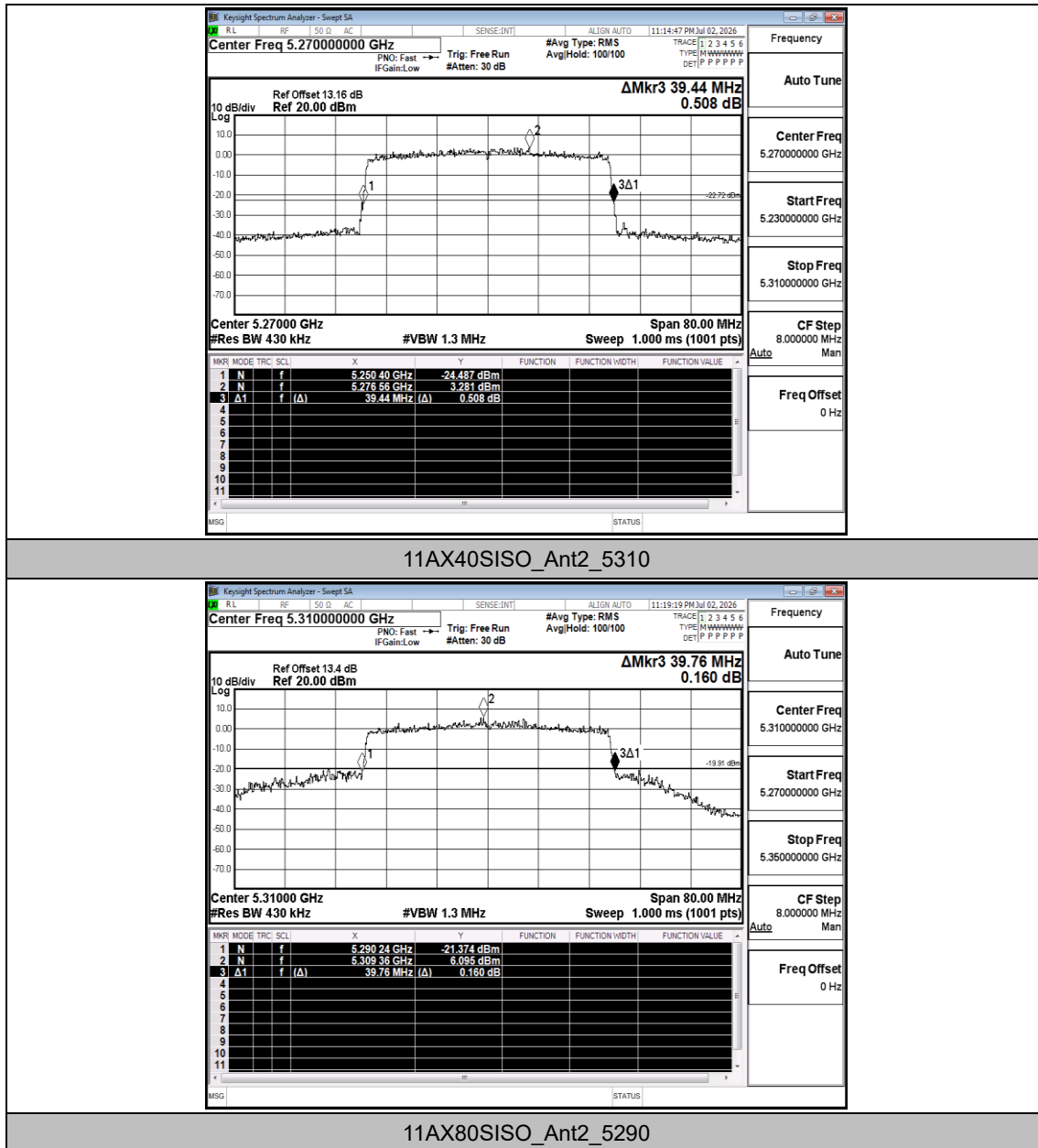


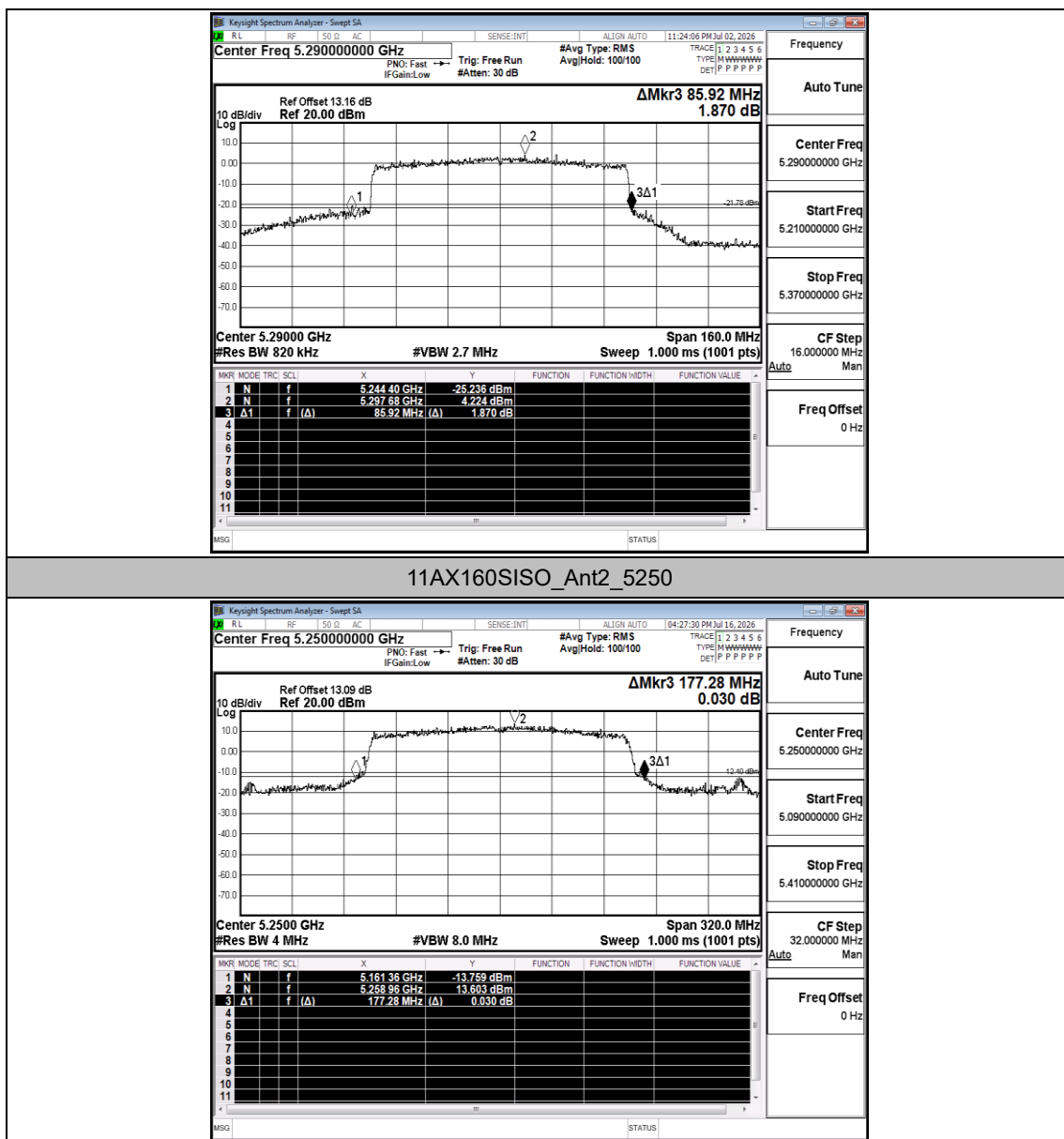












Test Result

TestMode	Antenna	Freq (MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11A	Ant3	5260	20.400	5249.880	5270.280	---	---
		5280	20.480	5269.680	5290.160	---	---
		5320	25.800	5306.000	5331.800	---	---
11N20SISO	Ant3	5260	21.480	5249.360	5270.840	---	---
		5280	21.120	5269.760	5290.880	---	---
		5320	25.040	5306.240	5331.280	---	---
11N40SISO	Ant3	5270	40.880	5249.920	5290.800	---	---
		5310	50.560	5282.240	5332.800	---	---
11AC20SISO	Ant3	5260	20.520	5249.760	5270.280	---	---
		5280	20.960	5269.800	5290.760	---	---
		5320	25.240	5307.400	5332.640	---	---
11AC40SISO	Ant3	5270	40.000	5250.320	5290.320	---	---
		5310	51.120	5281.920	5333.040	---	---
11AC80SISO	Ant3	5290	95.360	5238.480	5333.840	---	---
11AC160SISO	Ant3	5250	167.360	5168.080	5335.440	---	---
		5250	81.92	5168.080	5250	---	---
11AX20SISO	Ant3	5260	21.280	5249.480	5270.760	---	---
		5280	20.920	5269.520	5290.440	---	---
		5320	26.440	5306.680	5333.120	---	---
11AX40SISO	Ant3	5270	39.520	5250.320	5289.840	---	---
		5310	46.240	5284.000	5330.240	---	---
11AX80SISO	Ant3	5290	83.040	5247.280	5330.320	---	---
11AX160SISO	Ant3	5250	168.000	5166.480	5334.480	---	---
		5250	83.52	5166.480	5250	---	---

Test Graphs

