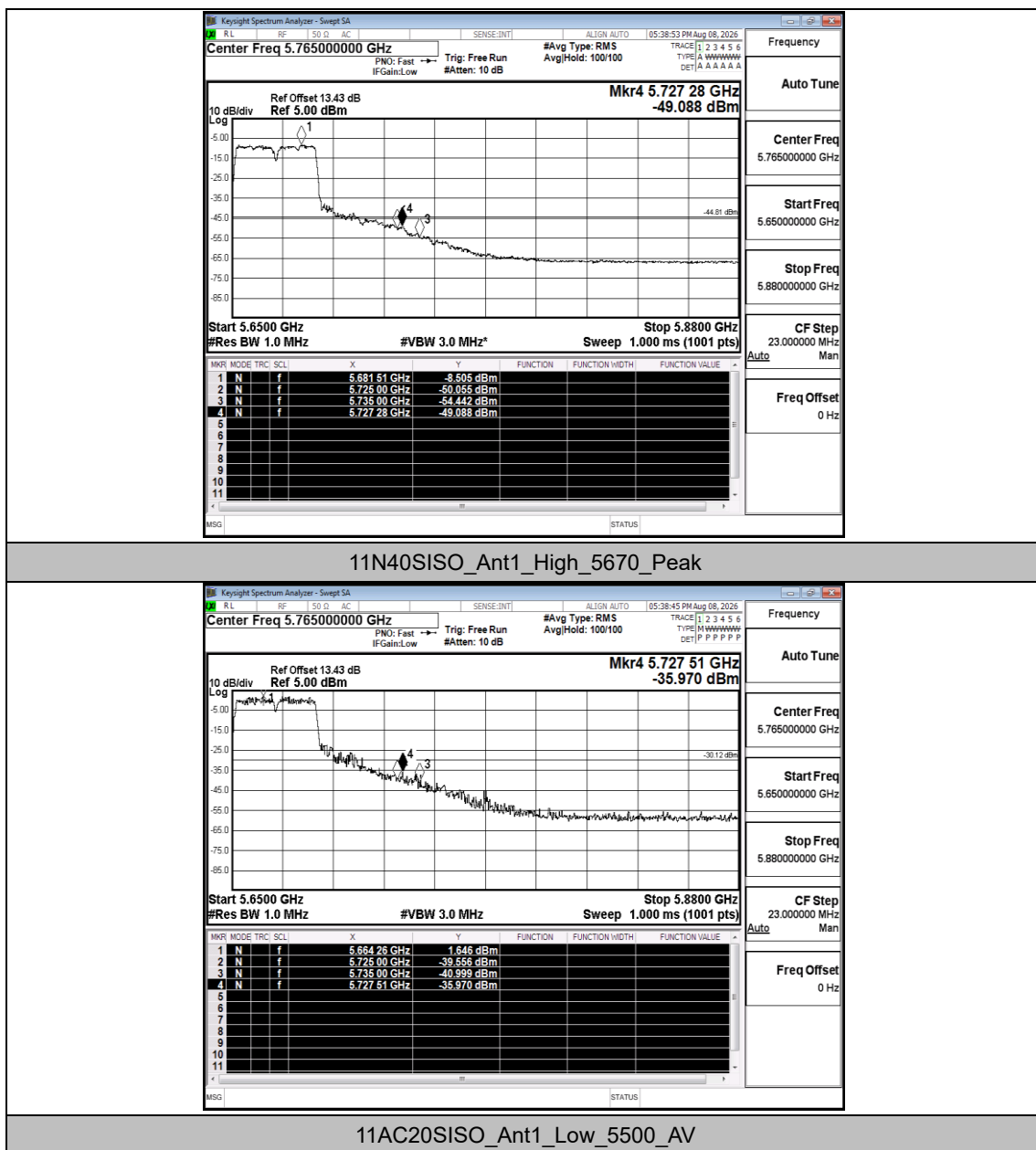
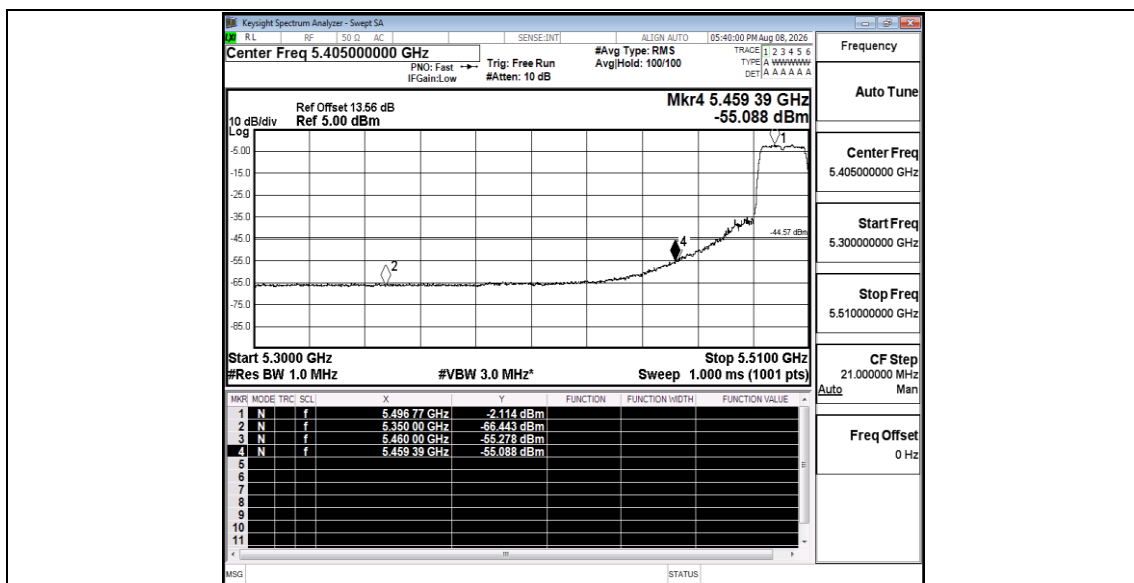
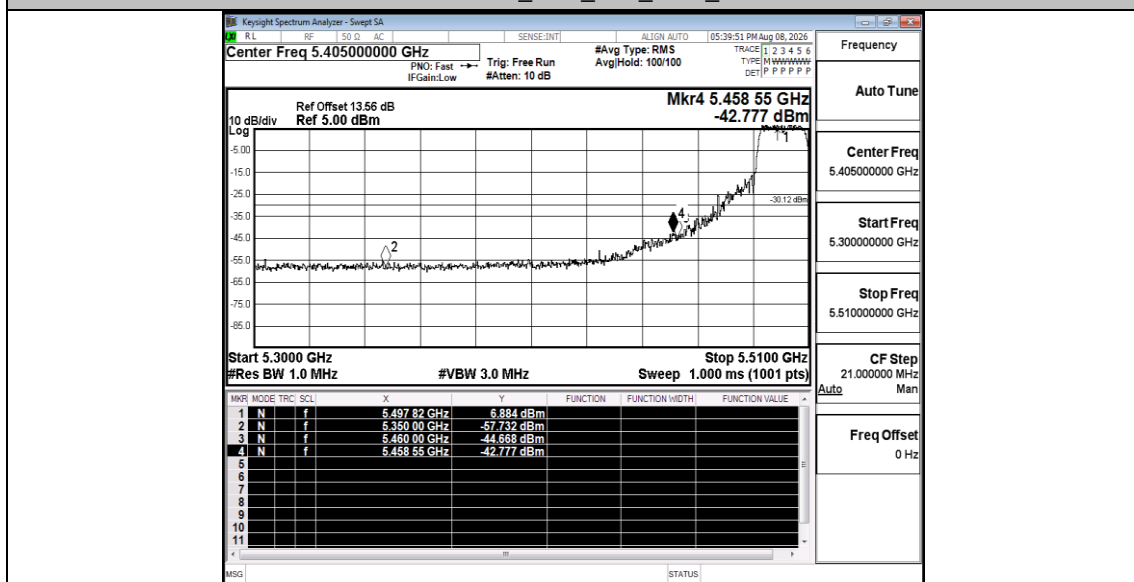


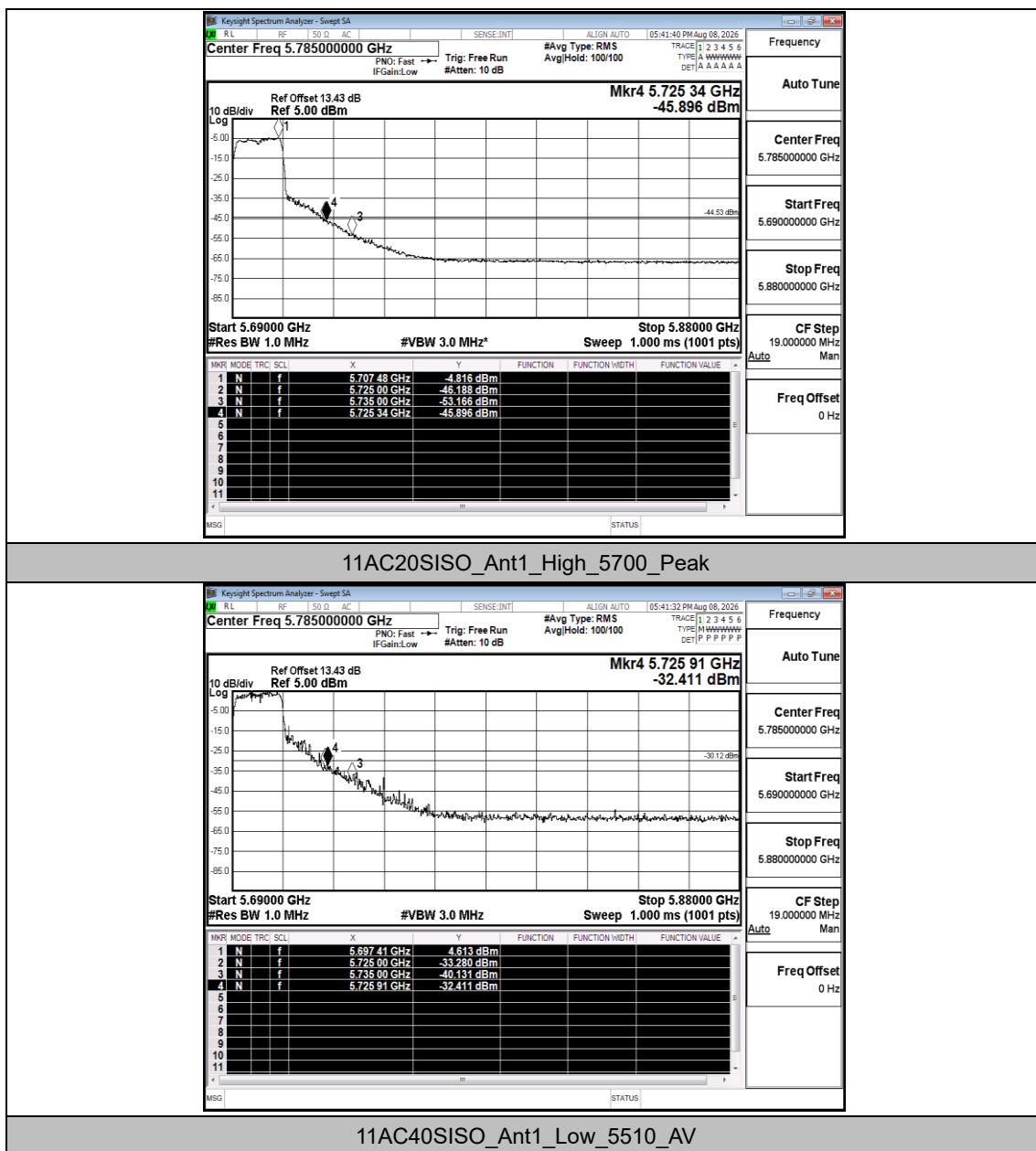


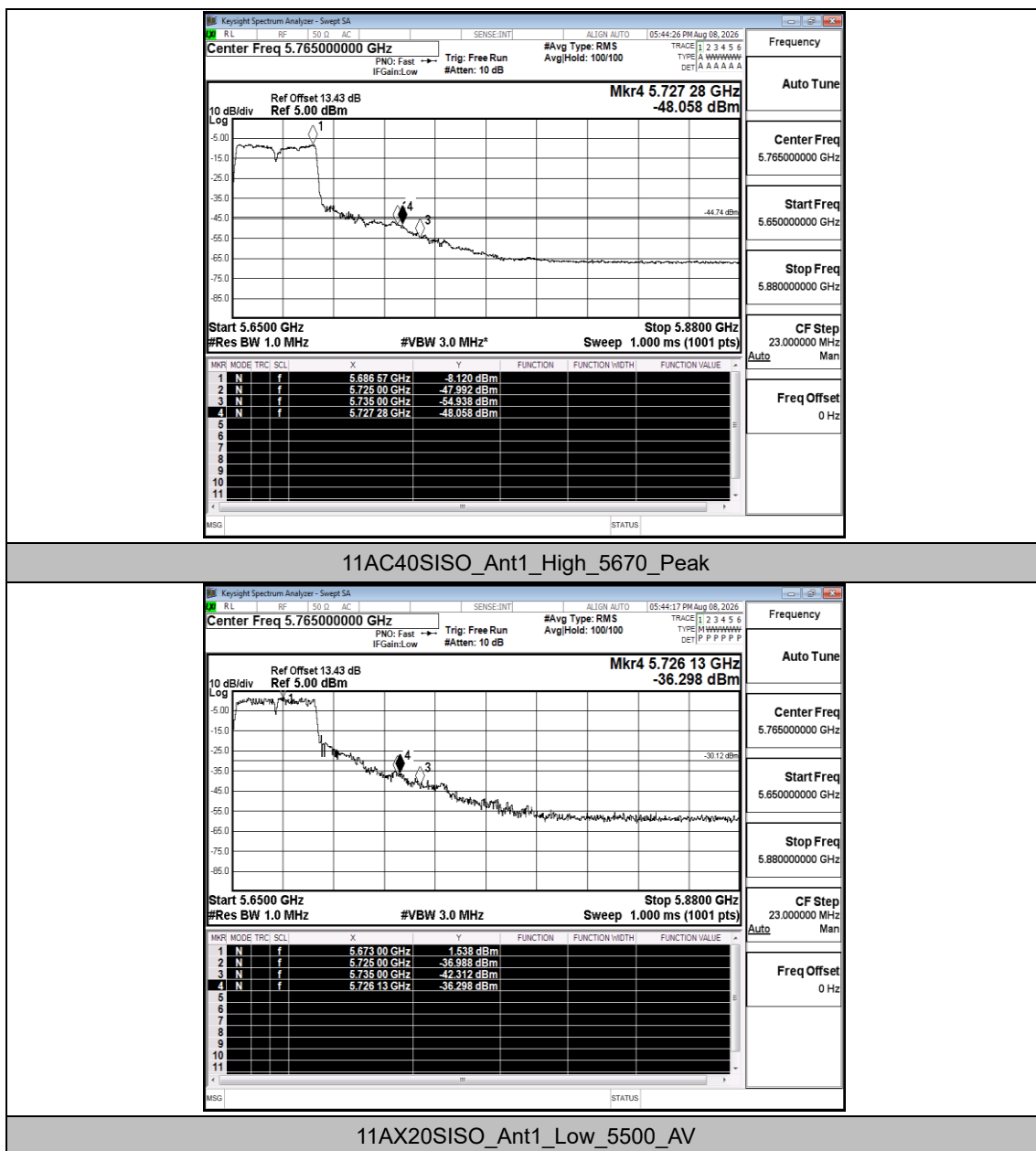


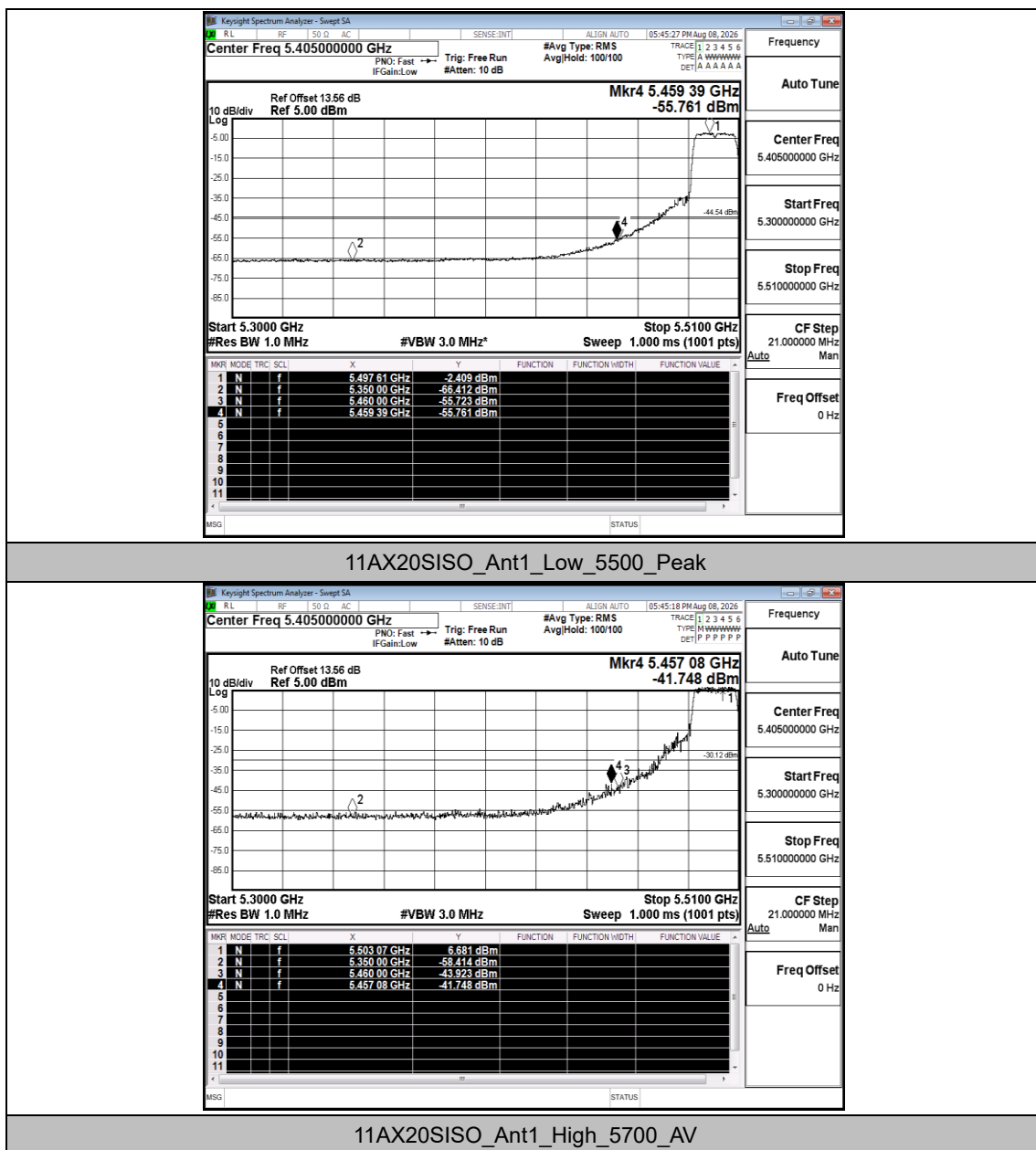
11AC20SISO_Ant1_Low_5500_Peak

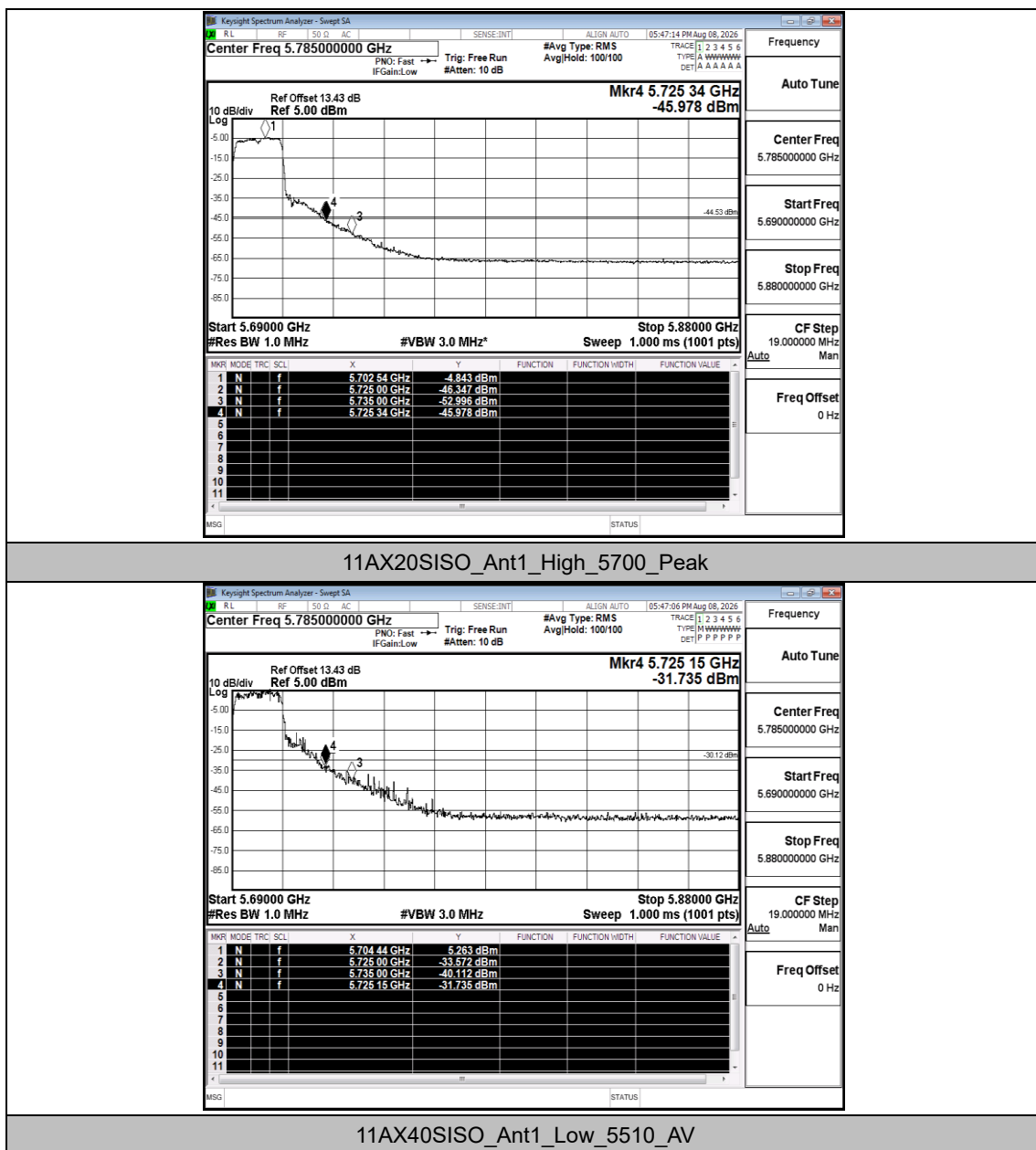


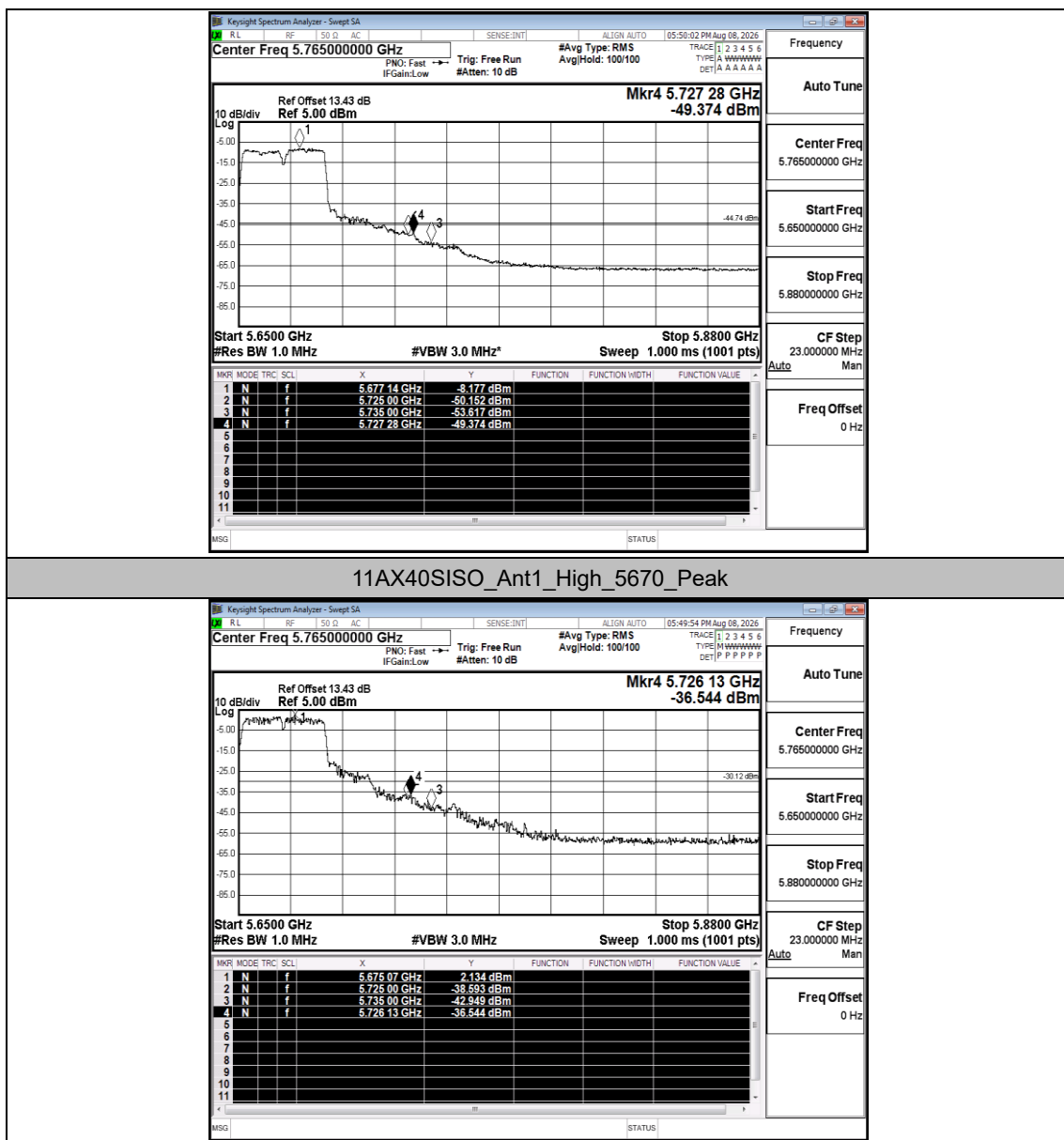
11AC20SISO_Ant1_High_5700_AV











F.5 Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Freq (MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5500	NV	NT	-20000.00	-3.636364	20	PASS
			LV	NT	-40000.00	-7.272727	20	PASS
			HV	NT	-20000.00	-3.636364	20	PASS
		5580	NV	NT	-20000.00	-3.584229	20	PASS
			LV	NT	-80000.00	-14.336918	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5700	NV	NT	-60000.00	-10.526316	20	PASS
			LV	NT	-40000.00	-7.017544	20	PASS
			HV	NT	20000.00	3.508772	20	PASS
11N20SISO	Ant1	5500	NV	NT	-60000.00	-10.909091	20	PASS
			LV	NT	-60000.00	-10.909091	20	PASS
			HV	NT	-60000.00	-10.909091	20	PASS
		5580	NV	NT	0.00	0.000000	20	PASS
			LV	NT	20000.00	3.584229	20	PASS
			HV	NT	-20000.00	-3.584229	20	PASS
		5700	NV	NT	-20000.00	-3.508772	20	PASS
			LV	NT	-20000.00	-3.508772	20	PASS
			HV	NT	-40000.00	-7.017544	20	PASS
11N40SISO	Ant1	5510	NV	NT	-80000.00	-14.519056	20	PASS
			LV	NT	80000.00	14.519056	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5550	NV	NT	-80000.00	-14.414414	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	40000.00	7.207207	20	PASS
		5670	NV	NT	-40000.00	-7.054674	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5500	NV	NT	-80000.00	-14.545455	20	PASS
			LV	NT	-60000.00	-10.909091	20	PASS
			HV	NT	-40000.00	-7.272727	20	PASS
		5580	NV	NT	-60000.00	-10.752688	20	PASS
			LV	NT	40000.00	7.168459	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5700	NV	NT	-20000.00	-3.508772	20	PASS

			LV	NT	40000.00	7.017544	20	PASS
			HV	NT	-20000.00	-3.508772	20	PASS
11AC40SISO	Ant1	5510	NV	NT	40000.00	7.259528	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-40000.00	-7.207207	20	PASS
		5550	NV	NT	-40000.00	-7.207207	20	PASS
			LV	NT	-40000.00	-7.207207	20	PASS
			HV	NT	-40000.00	-7.207207	20	PASS
		5670	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
11AX20SISO	Ant1	5500	NV	NT	0.00	0.000000	20	PASS
			LV	NT	20000.00	3.636364	20	PASS
			HV	NT	-60000.00	-10.909091	20	PASS
		5580	NV	NT	-40000.00	-7.168459	20	PASS
			LV	NT	-80000.00	-14.336918	20	PASS
			HV	NT	20000.00	3.584229	20	PASS
		5700	NV	NT	20000.00	3.584229	20	PASS
			LV	NT	80000.00	14.035088	20	PASS
			HV	NT	60000.00	10.526316	20	PASS
11AX40SISO	Ant1	5510	NV	NT	80000.00	14.519056	20	PASS
			LV	NT	-40000.00	-7.207207	20	PASS
			HV	NT	-40000.00	-7.207207	20	PASS
		5550	NV	NT	-40000.00	-7.207207	20	PASS
			LV	NT	-40000.00	-7.207207	20	PASS
			HV	NT	-40000.00	-7.207207	20	PASS
		5670	NV	NT	-40000.00	-7.207207	20	PASS
			LV	NT	-40000.00	-7.207207	20	PASS
			HV	NT	0.00	0.000000	20	PASS

Temperature								
TestMode	Antenna	Freq (MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5500	NV	-30	-40000.00	-7.272727	20	PASS
			NV	-20	-40000.00	-7.272727	20	PASS
			NV	-10	40000.00	7.272727	20	PASS
			NV	0	-60000.00	-10.909091	20	PASS
			NV	10	-40000.00	-7.272727	20	PASS
			NV	20	-20000.00	-3.636364	20	PASS
			NV	30	-60000.00	-10.909091	20	PASS
			NV	40	-20000.00	-3.636364	20	PASS
			NV	50	-60000.00	-10.909091	20	PASS
		5580	NV	-30	-40000.00	-7.168459	20	PASS
			NV	-20	-60000.00	-10.752688	20	PASS
			NV	-10	-20000.00	-3.584229	20	PASS
			NV	0	-20000.00	-3.584229	20	PASS
			NV	10	-60000.00	-10.752688	20	PASS
			NV	20	-40000.00	-7.168459	20	PASS
			NV	30	-80000.00	-14.336918	20	PASS
			NV	40	-40000.00	-7.168459	20	PASS
			NV	50	20000.00	3.584229	20	PASS
		5700	NV	-30	-20000.00	-3.508772	20	PASS
			NV	-20	-40000.00	-7.017544	20	PASS
			NV	-10	-40000.00	-7.017544	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-40000.00	-7.017544	20	PASS
			NV	20	-40000.00	-7.017544	20	PASS
			NV	30	-60000.00	-10.526316	20	PASS
			NV	40	-80000.00	-14.035088	20	PASS
			NV	50	-40000.00	-7.017544	20	PASS
11N20SISO	Ant1	5500	NV	-30	-20000.00	-3.636364	20	PASS
			NV	-20	-20000.00	-3.636364	20	PASS
			NV	-10	-20000.00	-3.636364	20	PASS
			NV	0	-40000.00	-7.272727	20	PASS
			NV	10	-60000.00	-10.909091	20	PASS
			NV	20	-20000.00	-3.636364	20	PASS
			NV	30	-60000.00	-10.909091	20	PASS
			NV	40	-60000.00	-10.909091	20	PASS
			NV	50	-40000.00	-7.272727	20	PASS
		5580	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-60000.00	-10.752688	20	PASS

			NV	-10	-40000.00	-7.168459	20	PASS
			NV	0	-80000.00	-14.336918	20	PASS
			NV	10	-20000.00	-3.584229	20	PASS
			NV	20	-20000.00	-3.584229	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	20000.00	3.584229	20	PASS
			NV	50	-60000.00	-10.752688	20	PASS
		5700	NV	-30	-20000.00	-3.508772	20	PASS
			NV	-20	-20000.00	-3.508772	20	PASS
			NV	-10	-100000.00	-17.543860	20	PASS
			NV	0	20000.00	3.508772	20	PASS
			NV	10	-20000.00	-3.508772	20	PASS
			NV	20	-40000.00	-7.017544	20	PASS
			NV	30	-20000.00	-3.508772	20	PASS
			NV	40	-60000.00	-10.526316	20	PASS
			NV	50	-20000.00	-3.508772	20	PASS
11N40SISO	Ant1	5510	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-40000.00	-7.259528	20	PASS
			NV	-10	-80000.00	-14.519056	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-40000.00	-7.259528	20	PASS
			NV	20	-40000.00	-7.259528	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	40000.00	7.259528	20	PASS
			NV	50	-80000.00	-14.519056	20	PASS
		5550	NV	-30	-40000.00	-7.207207	20	PASS
			NV	-20	-40000.00	-7.207207	20	PASS
			NV	-10	-40000.00	-7.207207	20	PASS
			NV	0	-40000.00	-7.207207	20	PASS
			NV	10	-40000.00	-7.207207	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-80000.00	-14.414414	20	PASS
			NV	40	80000.00	14.414414	20	PASS
			NV	50	-80000.00	-14.109347	20	PASS
		5670	NV	-30	-80000.00	-14.109347	20	PASS
			NV	-20	-80000.00	-14.109347	20	PASS
			NV	-10	80000.00	14.109347	20	PASS
			NV	0	-40000.00	-7.054674	20	PASS
			NV	10	-40000.00	-7.054674	20	PASS
			NV	20	-40000.00	-7.054674	20	PASS
			NV	30	0.00	0.000000	20	PASS

			NV	40	-40000.00	-7.054674	20	PASS
			NV	50	-40000.00	-7.054674	20	PASS
11AC20SISO	Ant1	5500	NV	-30	-80000.00	-14.545455	20	PASS
			NV	-20	-40000.00	-7.272727	20	PASS
			NV	-10	-40000.00	-7.272727	20	PASS
			NV	0	-100000.00	-18.181818	20	PASS
			NV	10	-60000.00	-10.909091	20	PASS
			NV	20	-20000.00	-3.636364	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	80000.00	14.545455	20	PASS
			NV	50	-80000.00	-14.545455	20	PASS
		5580	NV	-30	-40000.00	-7.168459	20	PASS
			NV	-20	-60000.00	-10.752688	20	PASS
			NV	-10	-40000.00	-7.168459	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	20000.00	3.584229	20	PASS
			NV	20	-80000.00	-14.336918	20	PASS
			NV	30	-60000.00	-10.752688	20	PASS
			NV	40	-20000.00	-3.584229	20	PASS
			NV	50	-40000.00	-7.017544	20	PASS
		5700	NV	-30	-40000.00	-7.017544	20	PASS
			NV	-20	-100000.00	-17.543860	20	PASS
			NV	-10	-40000.00	-7.017544	20	PASS
			NV	0	20000.00	3.508772	20	PASS
			NV	10	-60000.00	-10.526316	20	PASS
			NV	20	-60000.00	-10.526316	20	PASS
			NV	30	-60000.00	-10.526316	20	PASS
			NV	40	-80000.00	-14.035088	20	PASS
			NV	50	-60000.00	-10.526316	20	PASS
11AC40SISO	Ant1	5510	NV	-30	-40000.00	-7.259528	20	PASS
			NV	-20	40000.00	7.259528	20	PASS
			NV	-10	40000.00	7.259528	20	PASS
			NV	0	40000.00	7.259528	20	PASS
			NV	10	80000.00	14.519056	20	PASS
			NV	20	-80000.00	-14.519056	20	PASS
			NV	30	-40000.00	-7.259528	20	PASS
			NV	40	-40000.00	-7.259528	20	PASS
			NV	50	-40000.00	-7.259528	20	PASS
		5550	NV	-30	-80000.00	-14.414414	20	PASS
			NV	-20	-40000.00	-7.207207	20	PASS
			NV	-10	-40000.00	-7.207207	20	PASS

			NV	0	-40000.00	-7.207207	20	PASS
			NV	10	-40000.00	-7.207207	20	PASS
			NV	20	-40000.00	-7.207207	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-80000.00	-14.414414	20	PASS
			NV	50	-40000.00	-7.207207	20	PASS
		5670	NV	-30	-80000.00	-14.109347	20	PASS
			NV	-20	-80000.00	-14.109347	20	PASS
			NV	-10	-80000.00	-14.109347	20	PASS
			NV	0	-80000.00	-14.109347	20	PASS
			NV	10	-80000.00	-14.109347	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	40000.00	7.054674	20	PASS
			NV	40	40000.00	7.054674	20	PASS
			NV	50	-80000.00	-14.109347	20	PASS
11AX20SISO	Ant1	5500	NV	-30	60000.00	10.909091	20	PASS
			NV	-20	-20000.00	-3.636364	20	PASS
			NV	-10	-100000.00	-18.181818	20	PASS
			NV	0	-80000.00	-14.545455	20	PASS
			NV	10	20000.00	3.636364	20	PASS
			NV	20	-40000.00	-7.272727	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-20000.00	-3.636364	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5580	NV	-30	20000.00	3.584229	20	PASS
			NV	-20	-60000.00	-10.752688	20	PASS
			NV	-10	-20000.00	-3.584229	20	PASS
			NV	0	-20000.00	-3.584229	20	PASS
			NV	10	-20000.00	-3.584229	20	PASS
			NV	20	-40000.00	-7.168459	20	PASS
			NV	30	-60000.00	-10.752688	20	PASS
			NV	40	-60000.00	-10.752688	20	PASS
			NV	50	-40000.00	-7.168459	20	PASS
		5700	NV	-30	-40000.00	-7.017544	20	PASS
			NV	-20	20000.00	3.508772	20	PASS
			NV	-10	-80000.00	-14.035088	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-40000.00	-7.017544	20	PASS
			NV	30	20000.00	3.508772	20	PASS
			NV	40	-20000.00	-3.508772	20	PASS

			NV	50	0.00	0.000000	20	PASS
11AX40SISO	Ant1	5510	NV	-30	-40000.00	-7.259528	20	PASS
			NV	-20	80000.00	14.519056	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-80000.00	-14.519056	20	PASS
			NV	10	-80000.00	-14.519056	20	PASS
			NV	20	-80000.00	-14.519056	20	PASS
			NV	30	-80000.00	-14.519056	20	PASS
			NV	40	-40000.00	-7.259528	20	PASS
			NV	50	-40000.00	-7.259528	20	PASS
		5550	NV	-30	-40000.00	-7.259528	20	PASS
			NV	-20	-40000.00	-7.259528	20	PASS
			NV	-10	-40000.00	-7.207207	20	PASS
			NV	0	-80000.00	-14.414414	20	PASS
			NV	10	40000.00	7.207207	20	PASS
			NV	20	-80000.00	-14.414414	20	PASS
			NV	30	-40000.00	-7.207207	20	PASS
			NV	40	80000.00	14.414414	20	PASS
			NV	50	-40000.00	-7.054674	20	PASS
		5670	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-40000.00	-7.054674	20	PASS
			NV	-10	-40000.00	-7.054674	20	PASS
			NV	0	-80000.00	-14.109347	20	PASS
			NV	10	-80000.00	-14.109347	20	PASS
			NV	20	-80000.00	-14.109347	20	PASS
			NV	30	80000.00	14.109347	20	PASS
			NV	40	-40000.00	-7.054674	20	PASS
			NV	50	0.00	0.000000	20	PASS

F.6 Duty Cycle

Test Result

TestMode	Antenna	Freq (MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor	Limit	Verdict
11A	Ant1	5500	1.38	1.45	95.17	0.21	---	---
		5580	1.39	1.46	95.21	0.21	---	---
		5700	1.38	1.45	95.17	0.21	---	---
11N20SISO	Ant1	5500	1.18	1.24	95.16	0.22	---	---
		5580	1.17	1.24	94.35	0.25	---	---
		5700	1.18	1.24	95.16	0.22	---	---
11N40SISO	Ant1	5510	0.59	0.65	90.77	0.42	---	---
		5550	0.59	0.65	90.77	0.42	---	---
		5670	0.58	0.65	89.23	0.49	---	---
11AC20SISO	Ant1	5500	1.18	1.25	94.40	0.25	---	---
		5580	1.19	1.25	95.20	0.21	---	---
		5700	1.19	1.25	95.20	0.21	---	---
11AC40SISO	Ant1	5510	0.59	0.65	90.77	0.42	---	---
		5550	0.59	0.66	89.39	0.49	---	---
		5670	0.59	0.65	90.77	0.42	---	---
11AX20SISO	Ant1	5500	1.18	1.24	95.16	0.22	---	---
		5580	1.19	1.26	94.44	0.25	---	---
		5700	1.19	1.25	95.20	0.21	---	---
11AX40SISO	Ant1	5510	0.59	0.65	90.77	0.42	---	---
		5550	0.59	0.65	90.77	0.42	---	---
		5670	0.59	0.65	90.77	0.42	---	---

Test Graphs

