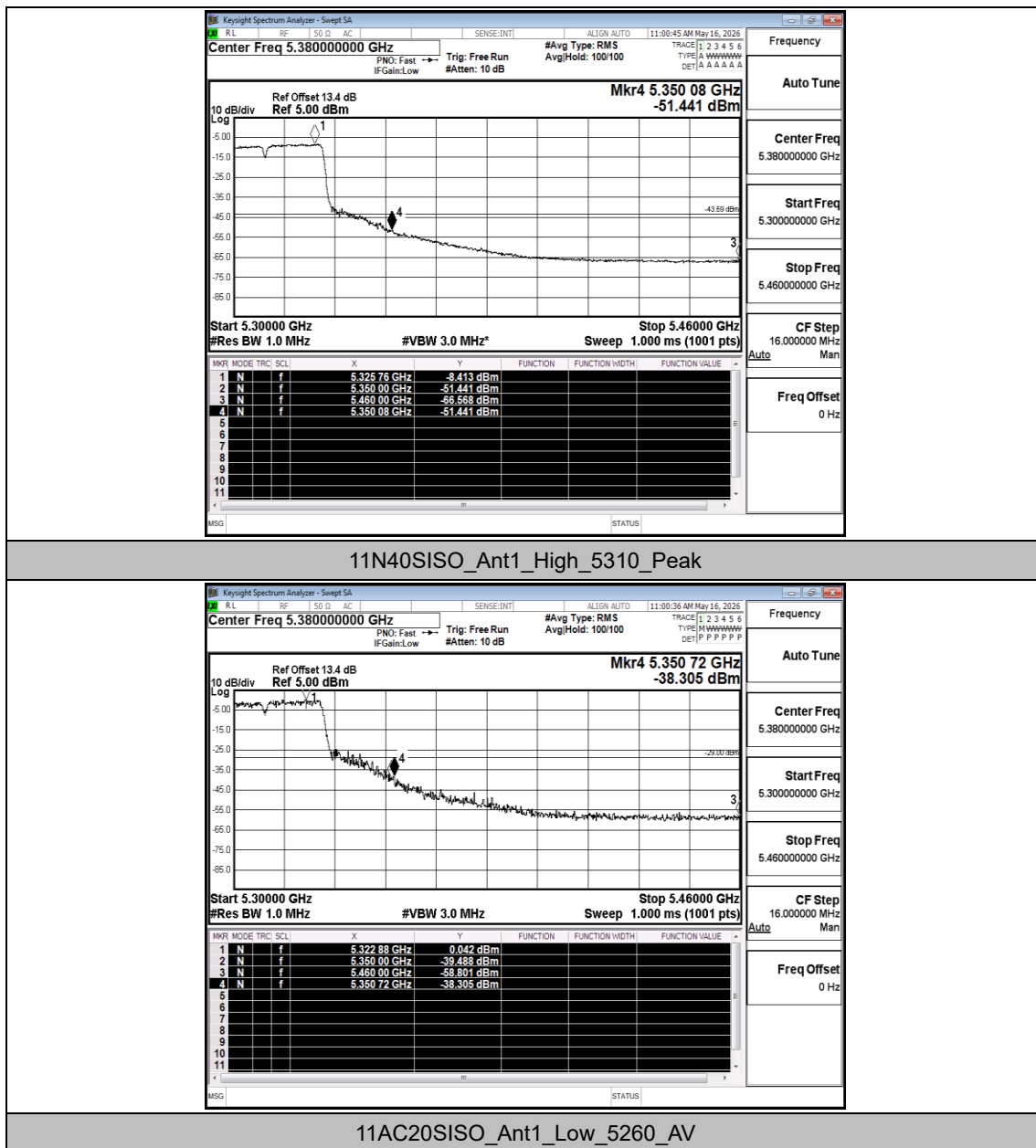
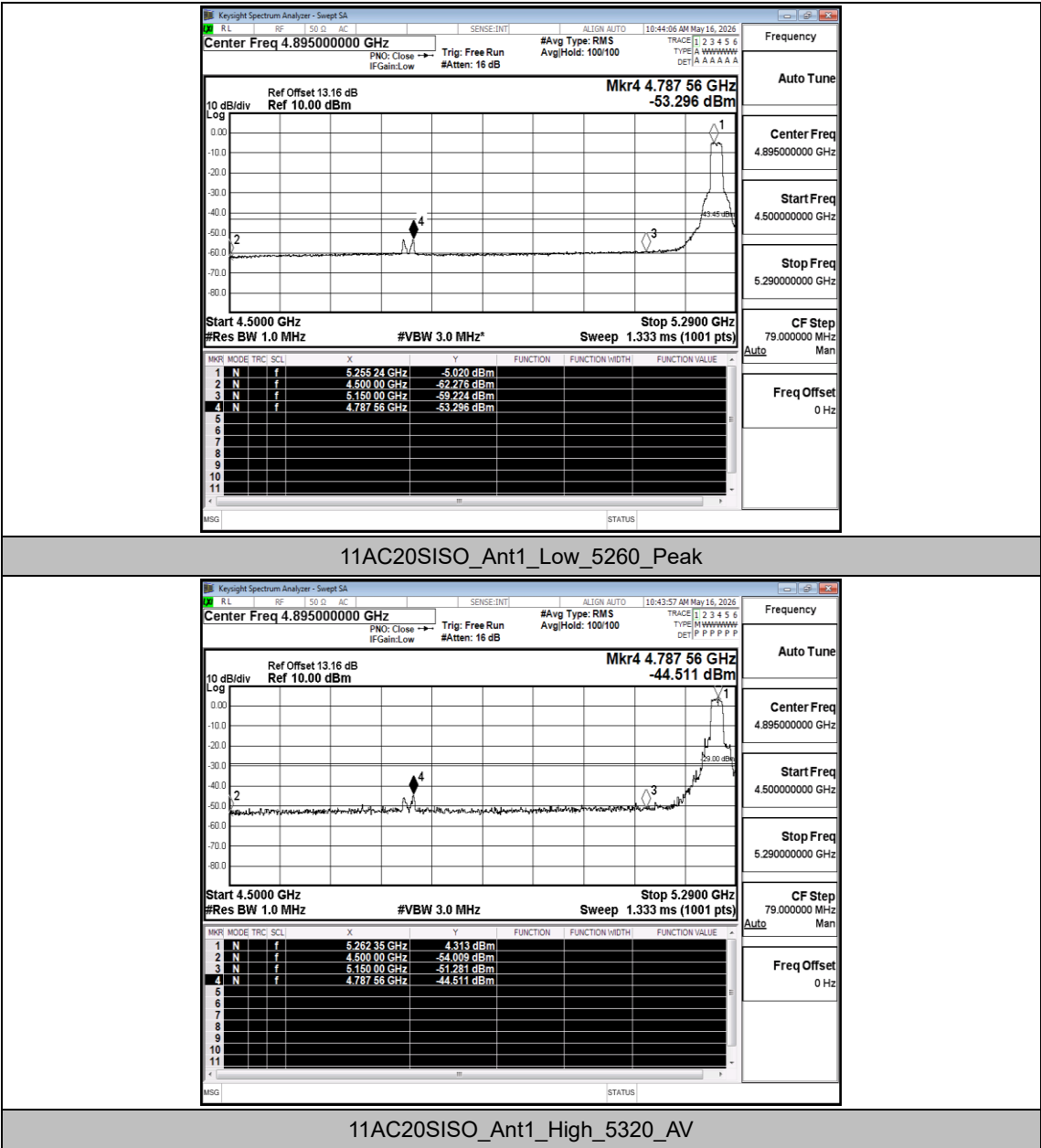
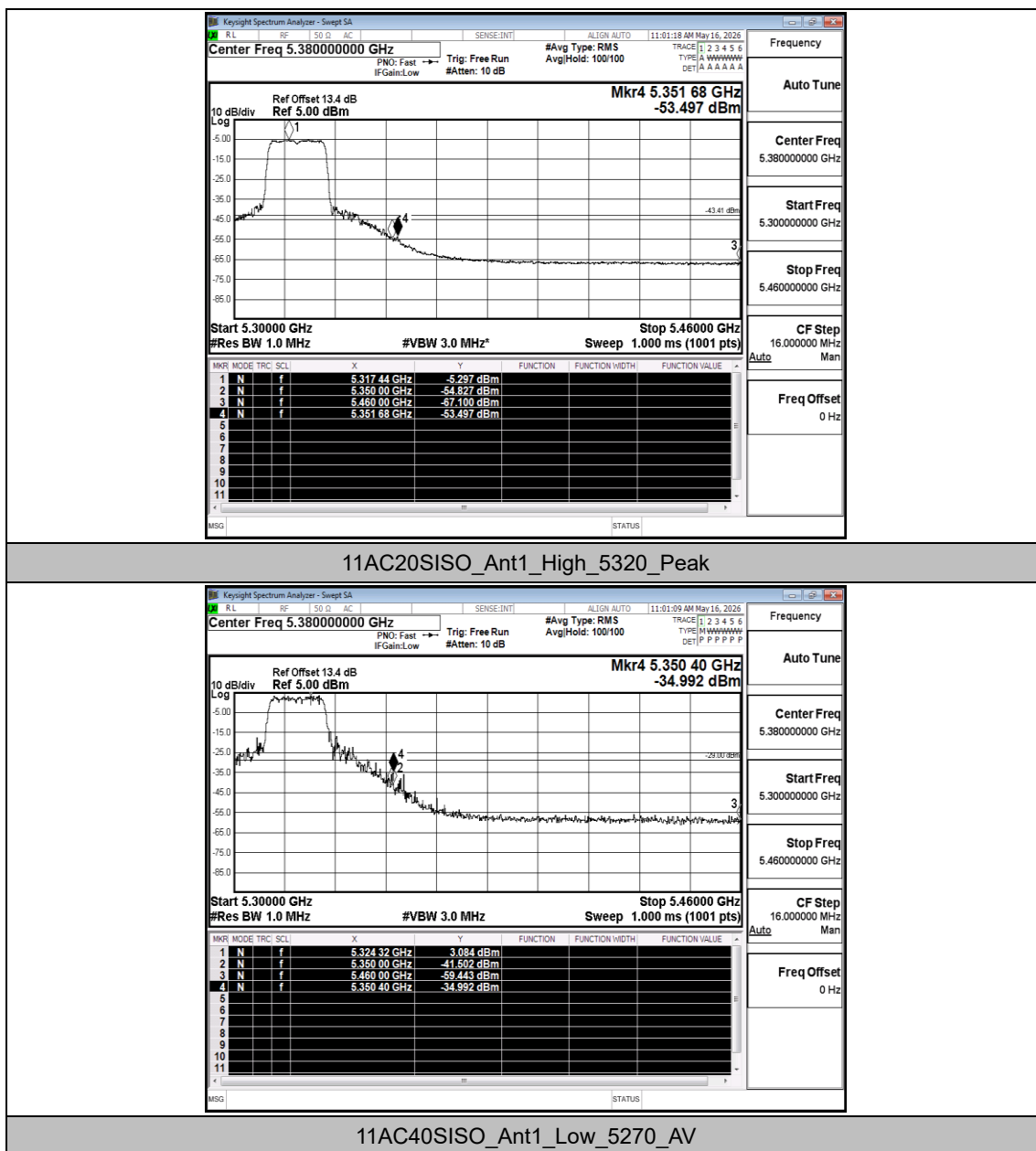
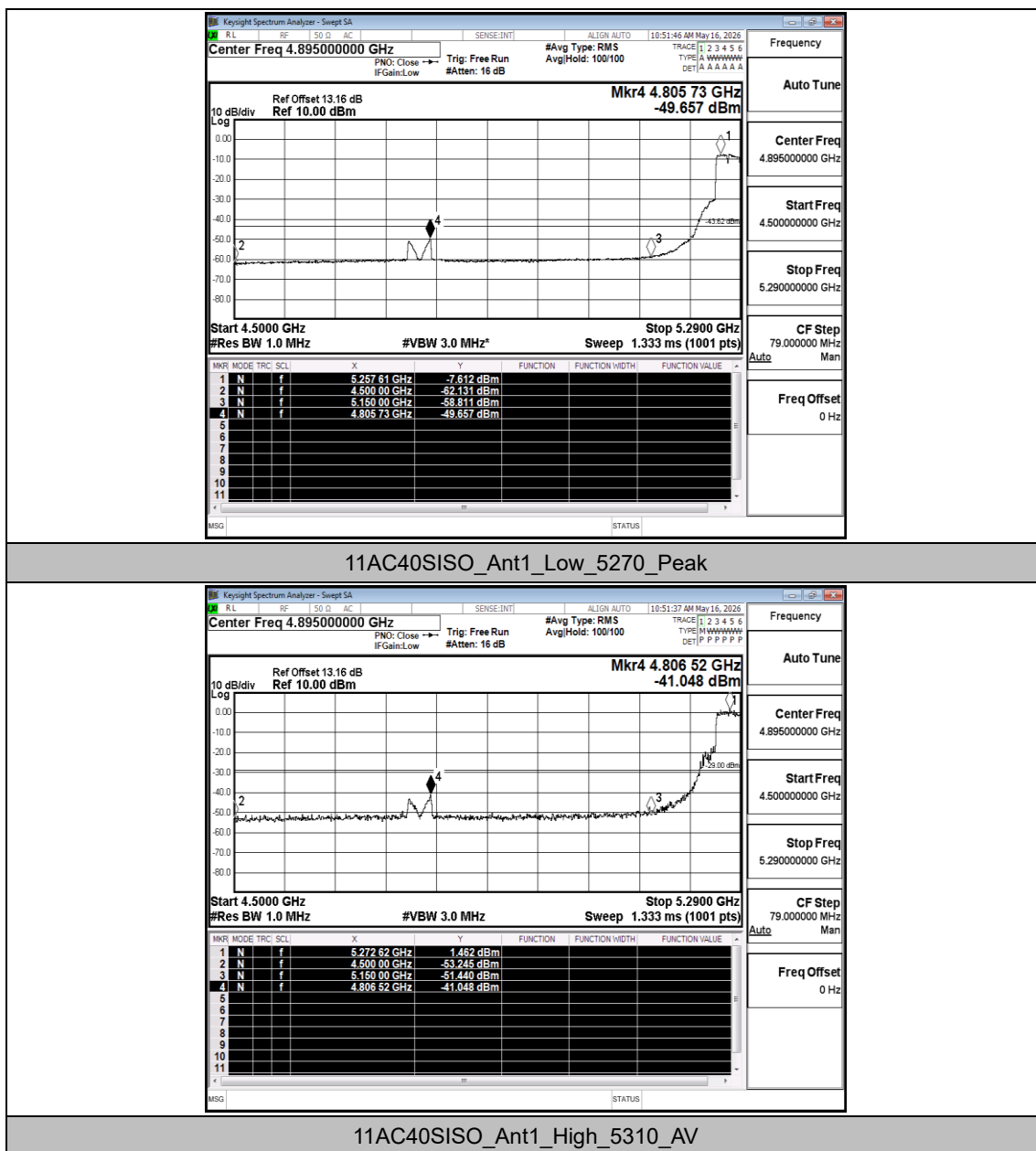
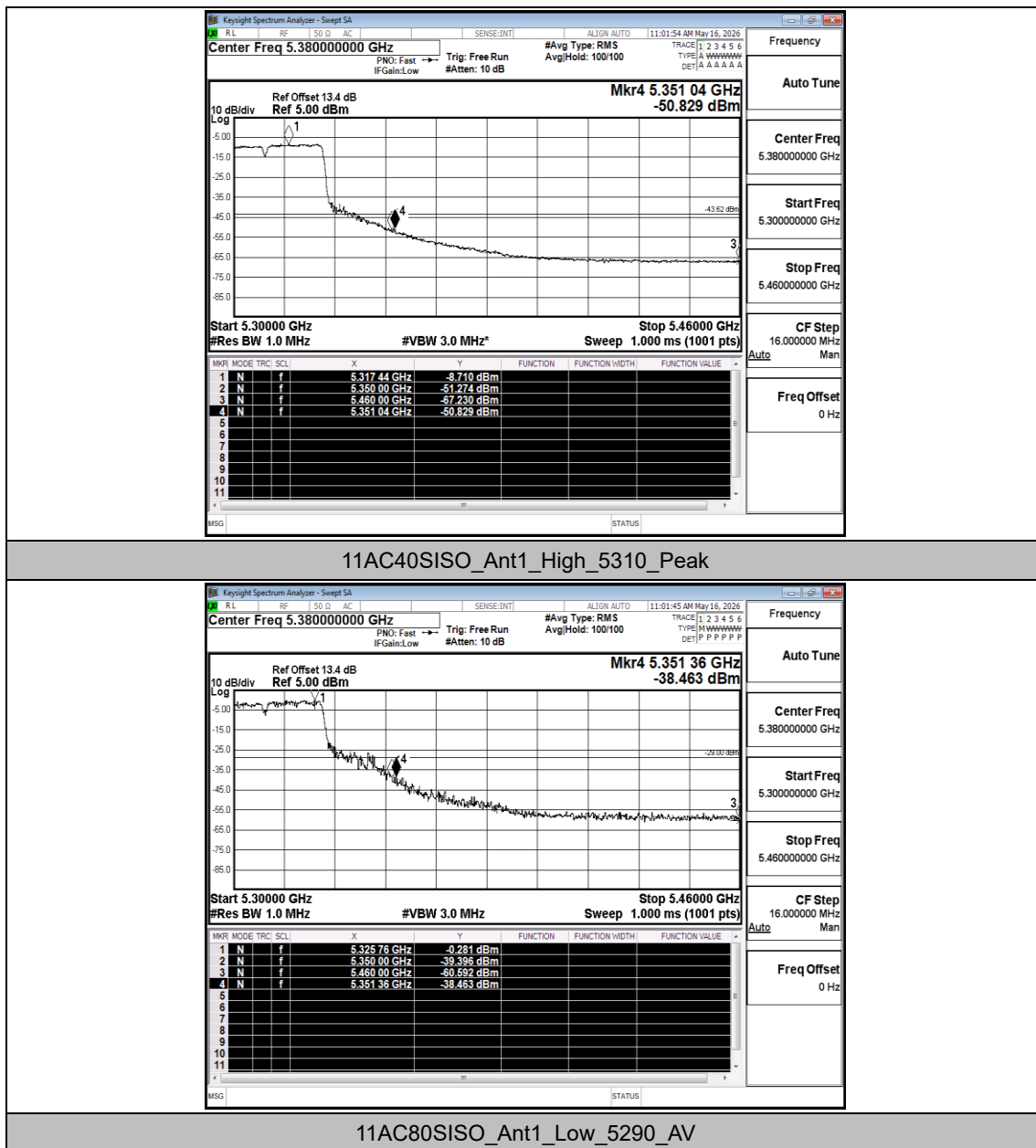


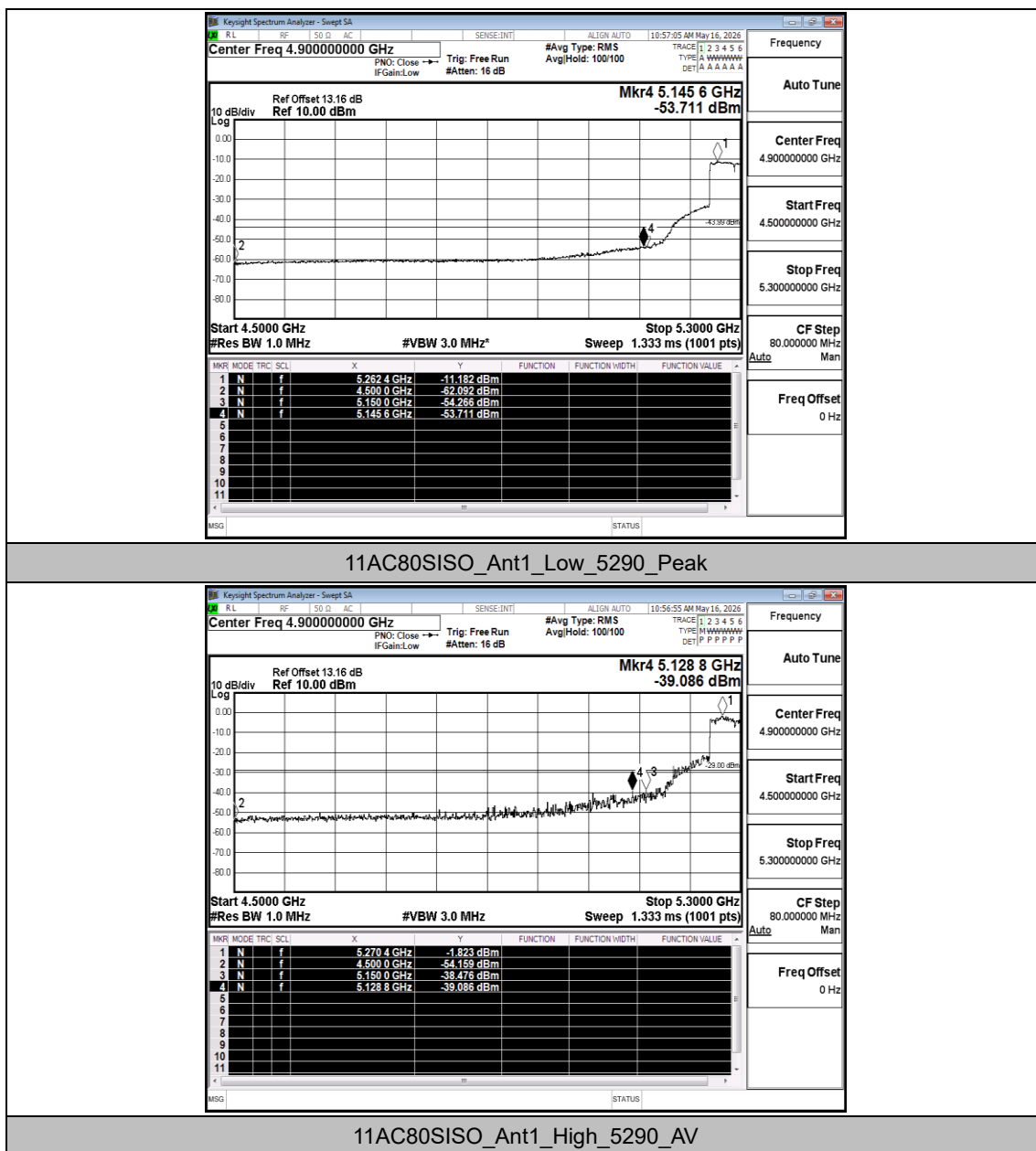


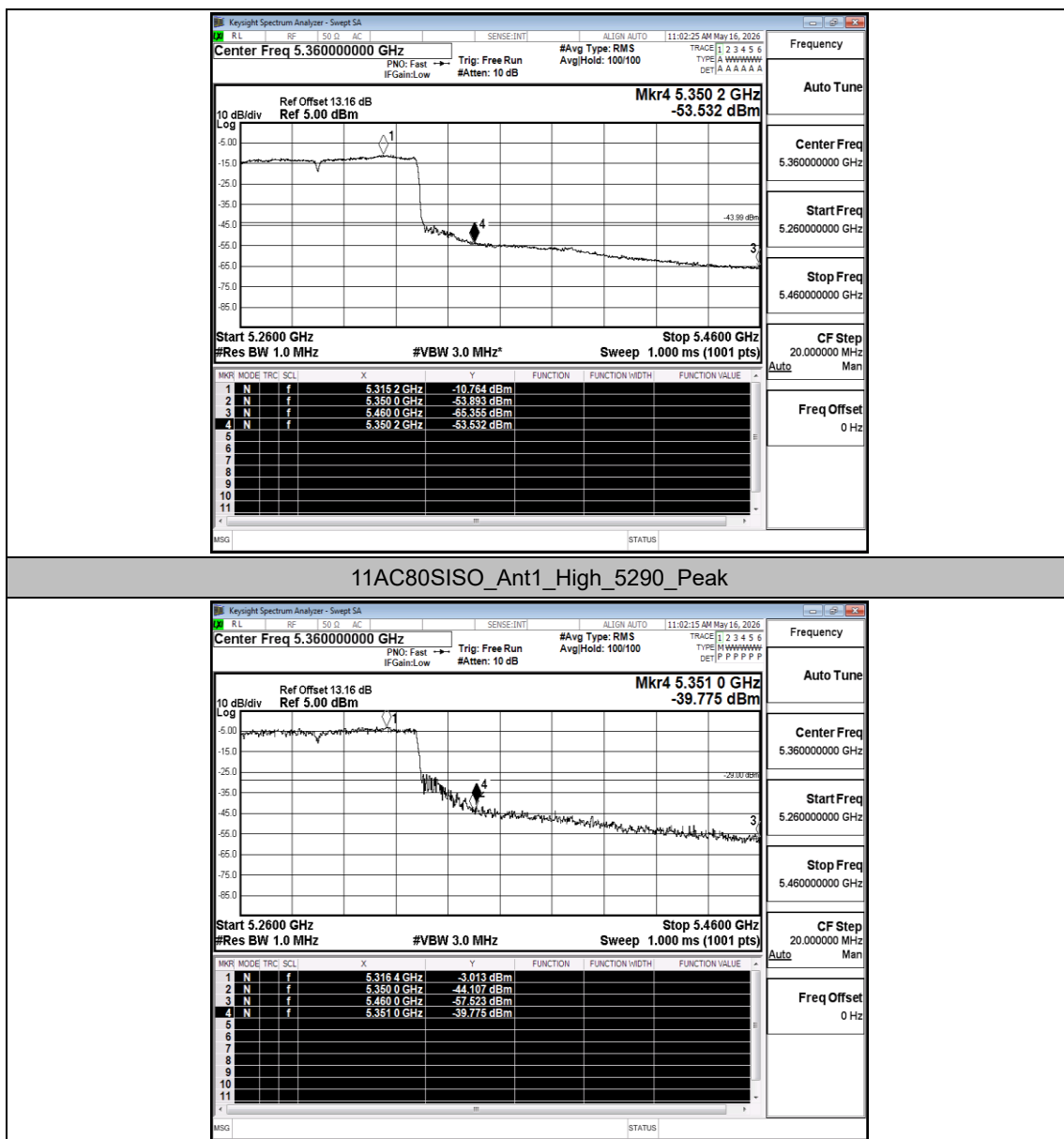












E.5 Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Freq (MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5260	NV	NT	-40000.00	-7.604563	20	PASS
			LV	NT	-40000.00	-7.604563	20	PASS
			HV	NT	20000.00	3.802281	20	PASS
		5280	NV	NT	-100000.00	-18.939394	20	PASS
			LV	NT	-100000.00	-18.939394	20	PASS
			HV	NT	60000.00	11.363636	20	PASS
		5320	NV	NT	-60000.00	-11.278195	20	PASS
			LV	NT	-100000.00	-18.939394	20	PASS
			HV	NT	-20000.00	-3.759398	20	PASS
11N20SISO	Ant1	5260	NV	NT	-20000.00	-3.802281	20	PASS
			LV	NT	-60000.00	-11.406844	20	PASS
			HV	NT	-60000.00	-11.406844	20	PASS
		5280	NV	NT	-60000.00	-11.406844	20	PASS
			LV	NT	-60000.00	-11.406844	20	PASS
			HV	NT	-100000.00	-18.939394	20	PASS
		5320	NV	NT	-100000.00	-18.939394	20	PASS
			LV	NT	-40000.00	-7.518797	20	PASS
			HV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant1	5270	NV	NT	-80000.00	-15.180266	20	PASS
			LV	NT	-80000.00	-15.180266	20	PASS
			HV	NT	80000.00	15.180266	20	PASS
		5310	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-80000.00	-15.180266	20	PASS
			HV	NT	-80000.00	-15.180266	20	PASS
11AC20SISO	Ant1	5260	NV	NT	20000.00	3.802281	20	PASS
			LV	NT	20000.00	3.802281	20	PASS
			HV	NT	20000.00	3.802281	20	PASS
		5280	NV	NT	80000.00	15.151515	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5320	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-60000.00	-11.278195	20	PASS
			HV	NT	40000.00	7.518797	20	PASS
11AC40SISO	Ant1	5270	NV	NT	20000.00	3.802281	20	PASS
			LV	NT	20000.00	3.802281	20	PASS

		5310	HV	NT	-80000.00	-15.180266	20	PASS
			NV	NT	-80000.00	-15.180266	20	PASS
			LV	NT	-80000.00	-15.180266	20	PASS
			HV	NT	-80000.00	-15.180266	20	PASS
11AC80SISO	Ant1	5290	NV	NT	-80000.00	-15.180266	20	PASS
			LV	NT	-80000.00	-15.180266	20	PASS
			HV	NT	-80000.00	-15.180266	20	PASS

Temperature								
TestMode	Antenna	Freq (MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5260	NV	-30	-80000.00	-15.209125	20	PASS
			NV	-20	-40000.00	-7.604563	20	PASS
			NV	-10	-100000.00	-19.011407	20	PASS
			NV	0	-100000.00	-19.011407	20	PASS
			NV	10	-20000.00	-3.802281	20	PASS
			NV	20	-80000.00	-15.209125	20	PASS
			NV	30	40000.00	7.604563	20	PASS
			NV	40	40000.00	7.604563	20	PASS
			NV	50	-20000.00	-3.802281	20	PASS
		5280	NV	-30	-20000.00	-3.802281	20	PASS
			NV	-20	-40000.00	-7.575758	20	PASS
			NV	-10	-20000.00	-3.802281	20	PASS
			NV	0	20000.00	3.787879	20	PASS
			NV	10	-100000.00	-18.939394	20	PASS
			NV	20	-20000.00	-3.787879	20	PASS
			NV	30	-60000.00	-11.363636	20	PASS
			NV	40	20000.00	3.787879	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5320	NV	-30	100000.00	18.796992	20	PASS
			NV	-20	-40000.00	-7.518797	20	PASS
			NV	-10	-60000.00	-11.278195	20	PASS
			NV	0	-60000.00	-11.278195	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	20000.00	3.759398	20	PASS
			NV	30	-20000.00	-3.759398	20	PASS
			NV	40	20000.00	3.759398	20	PASS
			NV	50	-80000.00	-15.037594	20	PASS
11N20SISO	Ant1	5260	NV	-30	-20000.00	-3.802281	20	PASS
			NV	-20	-20000.00	-3.802281	20	PASS
			NV	-10	-60000.00	-11.406844	20	PASS
			NV	0	60000.00	11.406844	20	PASS
			NV	10	-40000.00	-7.604563	20	PASS
			NV	20	-40000.00	-7.604563	20	PASS
			NV	30	-40000.00	-7.604563	20	PASS
			NV	40	-60000.00	-11.406844	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5280	NV	-30	-40000.00	-7.604563	20	PASS
			NV	-20	-40000.00	-7.604563	20	PASS
			NV	-10	20000.00	3.787879	20	PASS

			NV	0	-80000.00	-15.151515	20	PASS
			NV	10	-20000.00	-3.787879	20	PASS
			NV	20	-20000.00	-3.787879	20	PASS
			NV	30	40000.00	7.575758	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-20000.00	-3.787879	20	PASS
		5320	NV	-30	20000.00	3.759398	20	PASS
			NV	-20	40000.00	7.518797	20	PASS
			NV	-10	-20000.00	-3.787879	20	PASS
			NV	0	80000.00	15.037594	20	PASS
			NV	10	-20000.00	-3.759398	20	PASS
			NV	20	-40000.00	-7.518797	20	PASS
			NV	30	-40000.00	-7.518797	20	PASS
			NV	40	-40000.00	-7.518797	20	PASS
			NV	50	-100000.00	-18.796992	20	PASS
11N40SISO	Ant1	5270	NV	-30	80000.00	15.180266	20	PASS
			NV	-20	80000.00	15.180266	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	80000.00	15.180266	20	PASS
			NV	10	80000.00	15.180266	20	PASS
			NV	20	40000.00	7.590133	20	PASS
			NV	30	40000.00	7.590133	20	PASS
			NV	40	40000.00	7.590133	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5310	NV	-30	40000.00	7.590133	20	PASS
			NV	-20	40000.00	7.590133	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	40000.00	7.590133	20	PASS
			NV	10	40000.00	7.590133	20	PASS
			NV	20	40000.00	7.590133	20	PASS
			NV	30	40000.00	7.590133	20	PASS
			NV	40	-40000.00	-7.532957	20	PASS
			NV	50	-40000.00	-7.532957	20	PASS
11AC20SISO	Ant1	5260	NV	-30	-40000.00	-7.532957	20	PASS
			NV	-20	20000.00	3.802281	20	PASS
			NV	-10	-40000.00	-7.532957	20	PASS
			NV	0	-40000.00	-7.532957	20	PASS
			NV	10	-20000.00	-3.802281	20	PASS
			NV	20	-20000.00	-3.802281	20	PASS
			NV	30	-20000.00	-3.802281	20	PASS
			NV	40	-20000.00	-3.802281	20	PASS
			NV	50	0.00	0.000000	20	PASS

		5280	NV	-30	-80000.00	-15.151515	20	PASS
			NV	-20	-80000.00	-15.151515	20	PASS
			NV	-10	-60000.00	-11.363636	20	PASS
			NV	0	60000.00	11.363636	20	PASS
			NV	10	60000.00	11.363636	20	PASS
			NV	20	-100000.00	-18.939394	20	PASS
			NV	30	40000.00	7.575758	20	PASS
			NV	40	80000.00	15.151515	20	PASS
			NV	50	-60000.00	-11.363636	20	PASS
		5320	NV	-30	-100000.00	-18.796992	20	PASS
			NV	-20	-100000.00	-18.796992	20	PASS
			NV	-10	-100000.00	-18.796992	20	PASS
			NV	0	100000.00	18.796992	20	PASS
			NV	10	20000.00	3.759398	20	PASS
			NV	20	20000.00	3.759398	20	PASS
			NV	30	100000.00	18.796992	20	PASS
			NV	40	100000.00	18.796992	20	PASS
			NV	50	100000.00	18.796992	20	PASS
11AC40SISO	Ant1	5270	NV	-30	0.00	0.000000	20	PASS
			NV	-20	100000.00	18.796992	20	PASS
			NV	-10	100000.00	18.796992	20	PASS
			NV	0	80000.00	15.180266	20	PASS
			NV	10	80000.00	15.180266	20	PASS
			NV	20	80000.00	15.180266	20	PASS
			NV	30	-40000.00	-7.590133	20	PASS
			NV	40	-40000.00	-7.590133	20	PASS
			NV	50	-40000.00	-7.590133	20	PASS
		5310	NV	-30	-40000.00	-7.532957	20	PASS
			NV	-20	-40000.00	-7.532957	20	PASS
			NV	-10	-40000.00	-7.590133	20	PASS
			NV	0	-40000.00	-7.532957	20	PASS
			NV	10	-80000.00	-15.065913	20	PASS
			NV	20	-80000.00	-15.065913	20	PASS
			NV	30	80000.00	15.065913	20	PASS
			NV	40	80000.00	15.065913	20	PASS
			NV	50	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5290	NV	-30	-80000.00	-15.065913	20	PASS
			NV	-20	-80000.00	-15.065913	20	PASS
			NV	-10	-80000.00	-15.065913	20	PASS
			NV	0	-80000.00	-15.065913	20	PASS
			NV	10	-80000.00	-15.065913	20	PASS
			NV	20	-80000.00	-15.065913	20	PASS

			NV	30	-80000.00	-15.065913	20	PASS
			NV	40	-80000.00	-15.065913	20	PASS
			NV	50	-80000.00	-15.065913	20	PASS

E.6 Duty Cycle

Test Result

TestMode	Antenna	Freq (MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor	Limit	Verdict
11A	Ant1	5260	1.39	1.46	95.21	0.21	---	---
		5280	1.39	1.45	95.86	0.18	---	---
		5320	1.40	1.46	95.89	0.18	---	---
11N20SISO	Ant1	5260	1.17	1.24	94.35	0.25	---	---
		5280	1.18	1.24	95.16	0.22	---	---
		5320	1.18	1.24	95.16	0.22	---	---
11N40SISO	Ant1	5270	0.58	0.65	89.23	0.49	---	---
		5310	0.58	0.65	89.23	0.49	---	---
11AC20SISO	Ant1	5260	1.18	1.25	94.40	0.25	---	---
		5280	1.19	1.25	95.20	0.21	---	---
		5320	1.19	1.25	95.20	0.21	---	---
11AC40SISO	Ant1	5270	0.59	0.65	90.77	0.42	---	---
		5310	0.59	0.65	90.77	0.42	---	---
11AC80SISO	Ant1	5290	0.30	0.36	83.33	0.79	---	---

Test Graphs

