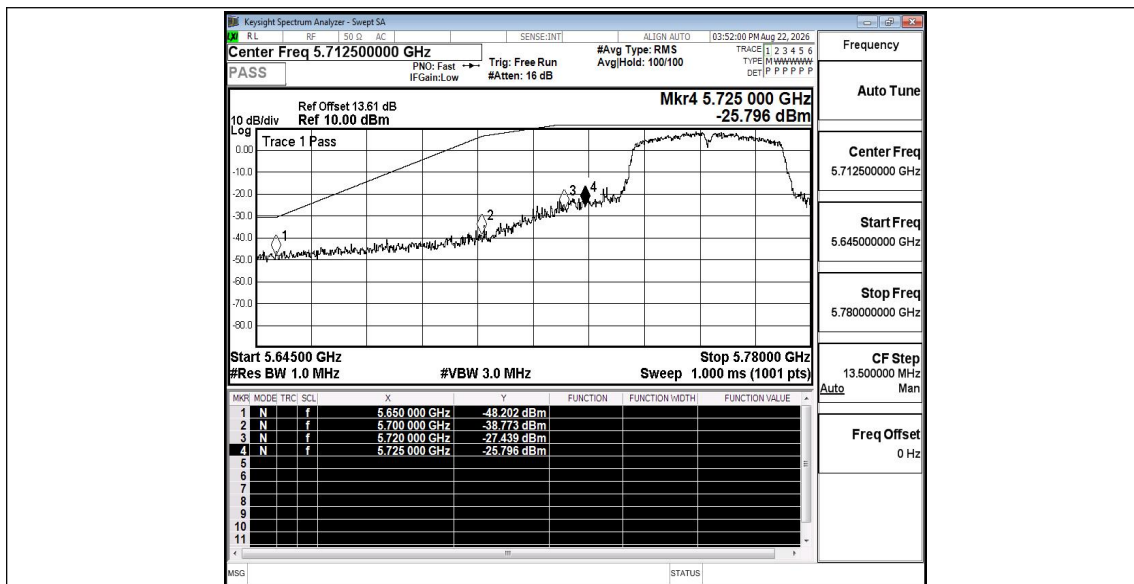
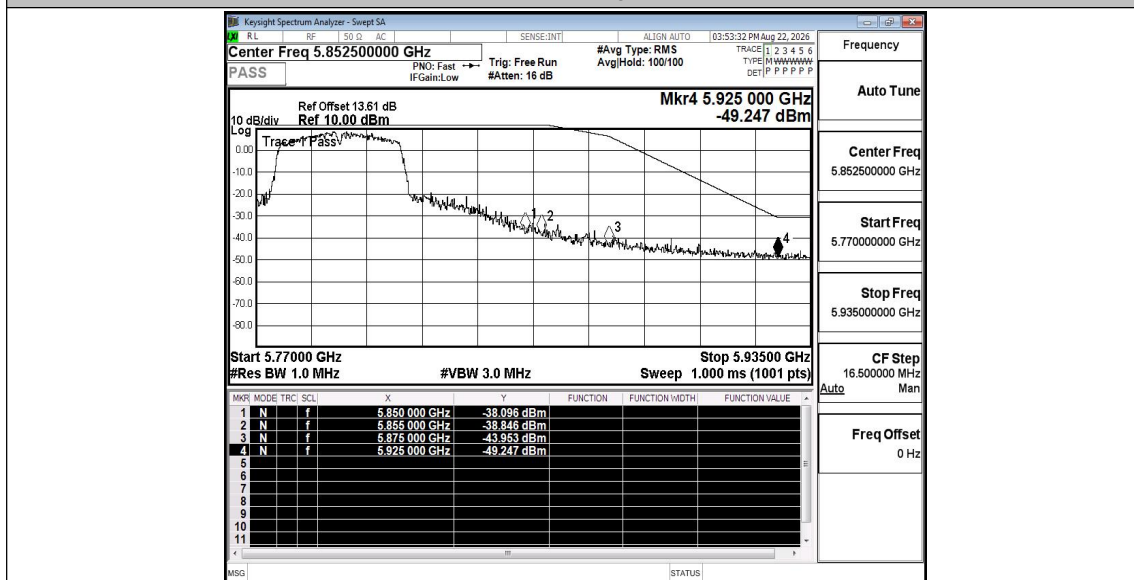
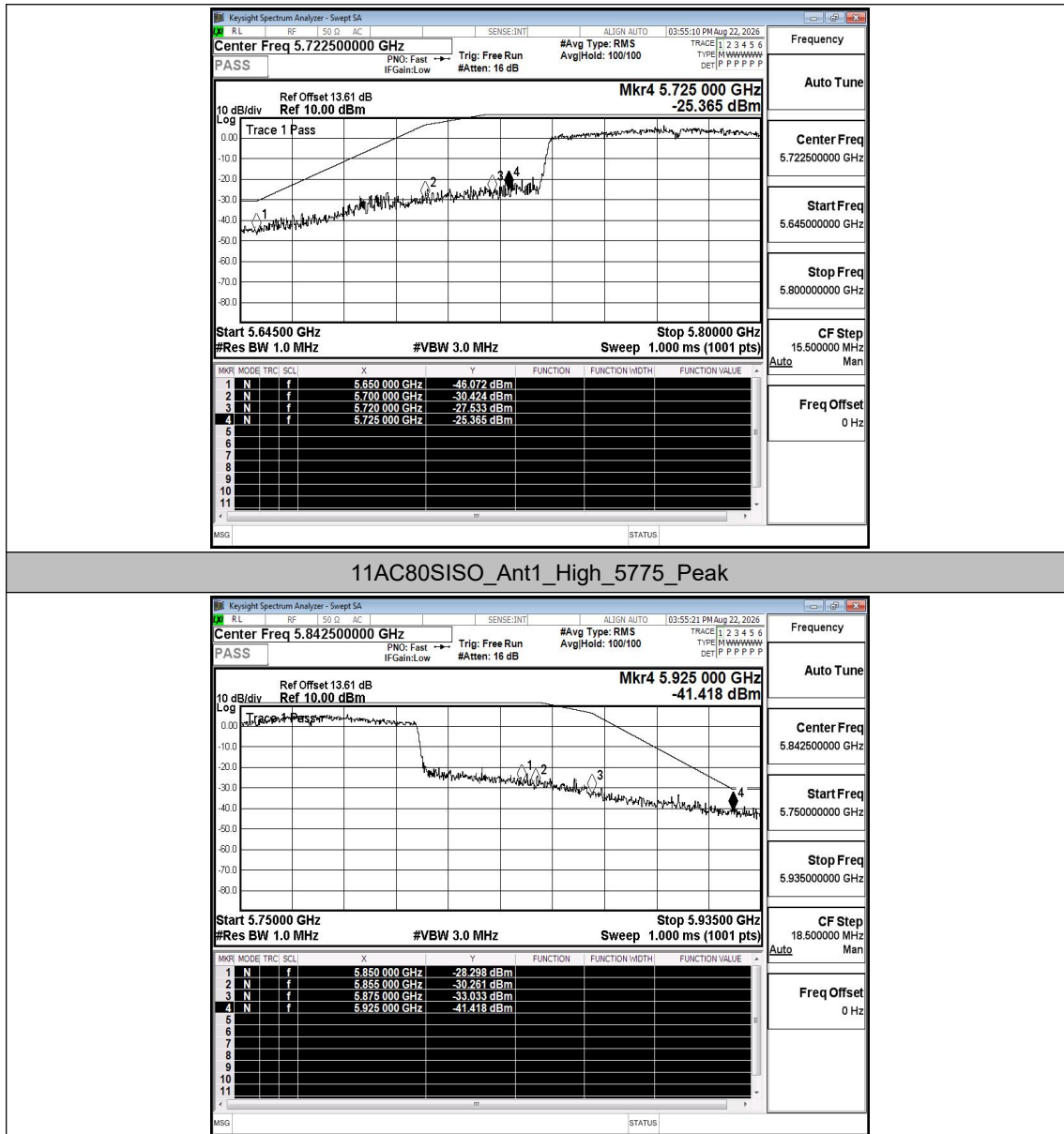




11AC40SISO_Ant1_High_5795_Peak



11AC80SISO_Ant1_Low_5775_Peak



E.5 Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Freq(M Hz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5745	NV	NT	20000.00	3.481288	20	PASS
			LV	NT	60000.00	10.443864	20	PASS
			HV	NT	40000.00	6.962576	20	PASS
		5785	NV	NT	60000.00	10.371651	20	PASS
			LV	NT	-20000.00	-3.457217	20	PASS
			HV	NT	-40000.00	-6.914434	20	PASS
		5825	NV	NT	20000.00	3.433476	20	PASS
			LV	NT	-100000.00	-17.167382	20	PASS
			HV	NT	40000.00	6.866953	20	PASS
11N20SI SO	Ant1	5745	NV	NT	-20000.00	-3.481288	20	PASS
			LV	NT	-60000.00	-10.443864	20	PASS
			HV	NT	80000.00	13.925152	20	PASS
		5785	NV	NT	-20000.00	-3.457217	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-20000.00	-3.457217	20	PASS
		5825	NV	NT	40000.00	6.866953	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-40000.00	-6.866953	20	PASS
11N40SI SO	Ant1	5755	NV	NT	-40000.00	-6.950478	20	PASS
			LV	NT	-40000.00	-6.950478	20	PASS
			HV	NT	-40000.00	-6.950478	20	PASS
		5795	NV	NT	40000.00	6.902502	20	PASS
			LV	NT	40000.00	6.902502	20	PASS
			HV	NT	80000.00	13.805004	20	PASS
11AC20S ISO	Ant1	5745	NV	NT	-60000.00	-10.443864	20	PASS
			LV	NT	20000.00	3.481288	20	PASS
			HV	NT	-60000.00	-10.443864	20	PASS
		5785	NV	NT	60000.00	10.371651	20	PASS
			LV	NT	80000.00	13.828868	20	PASS
			HV	NT	20000.00	3.457217	20	PASS
		5825	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-100000.00	-17.167382	20	PASS
			HV	NT	-20000.00	-3.433476	20	PASS
11AC40S ISO	Ant1	5755	NV	NT	-40000.00	-6.950478	20	PASS
			LV	NT	-40000.00	-6.950478	20	PASS

11AC80S ISO	Ant1	5795	HV	NT	-40000.00	-6.950478	20	PASS
			NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-40000.00	-6.950478	20	PASS
		5775	NV	NT	-40000.00	-6.950478	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-80000.00	-13.852814	20	PASS

Temperature								
TestMode	Antenna	Freq(M Hz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5745	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-60000.00	-10.443864	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-60000.00	-10.443864	20	PASS
			NV	20	-40000.00	-6.962576	20	PASS
			NV	30	-60000.00	-10.443864	20	PASS
			NV	40	40000.00	6.962576	20	PASS
			NV	50	20000.00	3.481288	20	PASS
		5785	NV	-30	0.00	0.000000	20	PASS
			NV	-20	20000.00	3.457217	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-60000.00	-10.371651	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-20000.00	-3.457217	20	PASS
			NV	40	60000.00	10.371651	20	PASS
			NV	50	-20000.00	-3.457217	20	PASS
		5825	NV	-30	-60000.00	-10.300429	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-20000.00	-3.433476	20	PASS
			NV	0	-60000.00	-10.300429	20	PASS
			NV	10	-80000.00	-13.733906	20	PASS
			NV	20	60000.00	10.300429	20	PASS
			NV	30	-20000.00	-3.433476	20	PASS
			NV	40	-60000.00	-10.443864	20	PASS
			NV	50	-20000.00	-3.433476	20	PASS
11N20SI SO	Ant1	5745	NV	-30	-20000.00	-3.481288	20	PASS
			NV	-20	40000.00	6.962576	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-20000.00	-3.481288	20	PASS

			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-40000.00	-6.962576	20	PASS
			NV	40	-60000.00	-10.443864	20	PASS
			NV	50	-60000.00	-10.443864	20	PASS
		5785	NV	-30	20000.00	3.457217	20	PASS
			NV	-20	-60000.00	-10.371651	20	PASS
			NV	-10	-40000.00	-6.914434	20	PASS
			NV	0	-60000.00	-10.371651	20	PASS
			NV	10	-60000.00	-10.371651	20	PASS
			NV	20	20000.00	3.457217	20	PASS
			NV	30	-60000.00	-10.371651	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	20000.00	3.457217	20	PASS
		5825	NV	-30	80000.00	13.733906	20	PASS
			NV	-20	80000.00	13.733906	20	PASS
			NV	-10	-60000.00	-10.443864	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-20000.00	-3.433476	20	PASS
			NV	20	-20000.00	-3.433476	20	PASS
			NV	30	-80000.00	-13.733906	20	PASS
			NV	40	-60000.00	-10.300429	20	PASS
			NV	50	-40000.00	-6.866953	20	PASS
11N40SI SO	Ant1	5755	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-60000.00	-10.443864	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-80000.00	-13.900956	20	PASS
			NV	10	40000.00	6.950478	20	PASS
			NV	20	-60000.00	-10.443864	20	PASS
			NV	30	-80000.00	-13.900956	20	PASS
			NV	40	40000.00	6.950478	20	PASS
			NV	50	-60000.00	-10.443864	20	PASS
		5795	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-40000.00	-6.902502	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	80000.00	13.805004	20	PASS
			NV	10	-40000.00	-6.902502	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	40000.00	6.902502	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	80000.00	13.805004	20	PASS
11AC20S	Ant1	5745	NV	-30	-80000.00	-13.925152	20	PASS

ISO			NV	-20	20000.00	3.481288	20	PASS
			NV	-10	-60000.00	-10.443864	20	PASS
			NV	0	40000.00	6.962576	20	PASS
			NV	10	-60000.00	-10.443864	20	PASS
			NV	20	-20000.00	-3.481288	20	PASS
			NV	30	-20000.00	-3.481288	20	PASS
			NV	40	-20000.00	-3.481288	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5785	NV	-30	-80000.00	-13.828868	20	PASS
			NV	-20	-20000.00	-3.457217	20	PASS
			NV	-10	-60000.00	-10.371651	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-20000.00	-3.457217	20	PASS
			NV	20	-60000.00	-10.371651	20	PASS
			NV	30	-20000.00	-3.457217	20	PASS
			NV	40	-60000.00	-10.443864	20	PASS
			NV	50	-20000.00	-3.457217	20	PASS
		5825	NV	-30	20000.00	3.433476	20	PASS
			NV	-20	-60000.00	-10.443864	20	PASS
			NV	-10	-60000.00	-10.300429	20	PASS
			NV	0	-60000.00	-10.443864	20	PASS
			NV	10	-40000.00	-6.866953	20	PASS
			NV	20	-20000.00	-3.433476	20	PASS
			NV	30	-80000.00	-13.733906	20	PASS
			NV	40	-20000.00	-3.433476	20	PASS
			NV	50	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5755	NV	-30	-60000.00	-10.443864	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	40000.00	6.950478	20	PASS
			NV	0	-40000.00	-6.950478	20	PASS
			NV	10	-40000.00	-6.950478	20	PASS
			NV	20	-60000.00	-10.443864	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-80000.00	-13.900956	20	PASS
			NV	50	80000.00	13.900956	20	PASS
		5795	NV	-30	-60000.00	-10.443864	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-60000.00	-10.443864	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-60000.00	-10.443864	20	PASS
			NV	20	40000.00	6.902502	20	PASS
			NV	30	-80000.00	-13.805004	20	PASS

			NV	40	-60000.00	-10.443864	20	PASS
			NV	50	40000.00	6.902502	20	PASS
11AC80S ISO	Ant1	5775	NV	-30	80000.00	13.852814	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-60000.00	-10.443864	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	80000.00	13.852814	20	PASS
			NV	20	-60000.00	-10.443864	20	PASS
			NV	30	-80000.00	-13.852814	20	PASS
			NV	40	-60000.00	-10.443864	20	PASS
			NV	50	-60000.00	-10.443864	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	5745	1.39	1.43	97.20	0.12	---	---
		5785	1.39	1.43	97.20	0.12	---	---
		5825	1.39	1.44	96.53	0.15	---	---
11N20SISO	Ant1	5745	1.30	1.35	96.30	0.16	---	---
		5785	1.30	1.34	97.01	0.13	---	---
		5825	1.29	1.34	96.27	0.17	---	---
11N40SISO	Ant1	5755	0.64	0.69	92.75	0.33	---	---
		5795	0.65	0.69	94.20	0.26	---	---
11AC20SISO	Ant1	5745	1.31	1.35	97.04	0.13	---	---
		5785	1.31	1.36	96.32	0.16	---	---
		5825	1.31	1.35	97.04	0.13	---	---
11AC40SISO	Ant1	5755	0.65	0.69	94.20	0.26	---	---
		5795	0.65	0.69	94.20	0.26	---	---
11AC80SISO	Ant1	5775	0.32	0.37	86.49	0.63	---	---

Test Graphs

