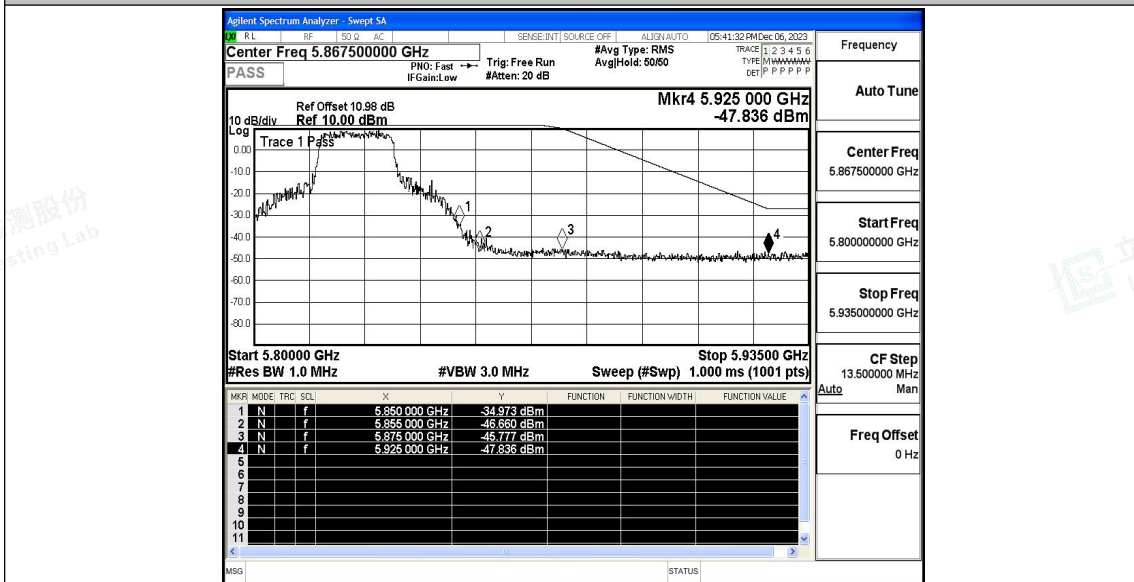
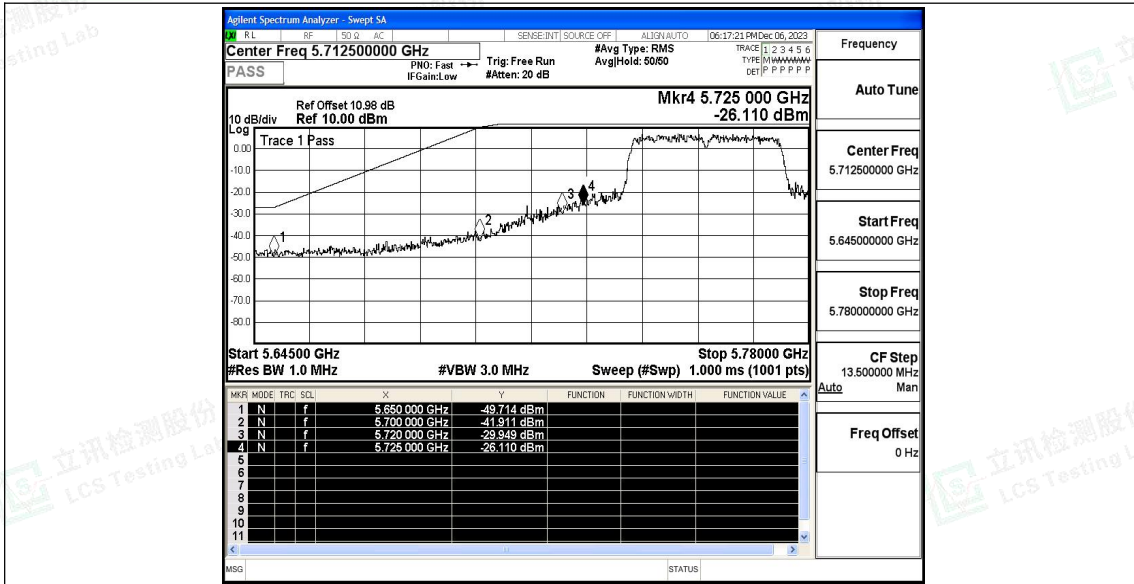


11N20SISO_Ant1_High_5825_Peak

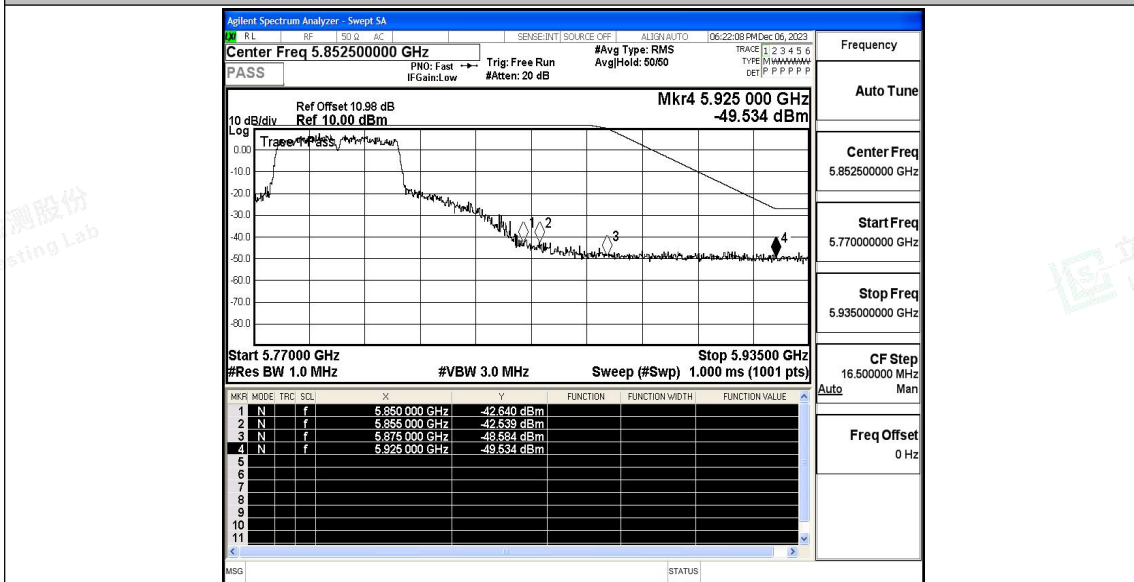


11N40SISO_Ant1_Low_5755_Peak



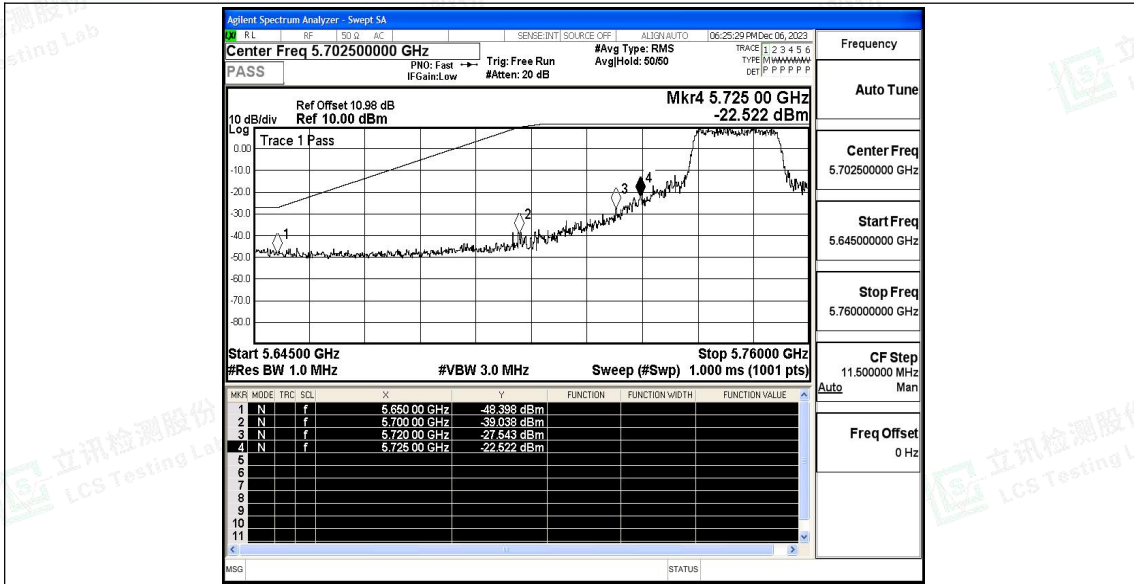


11N40SISO_Ant1_High_5795_Peak

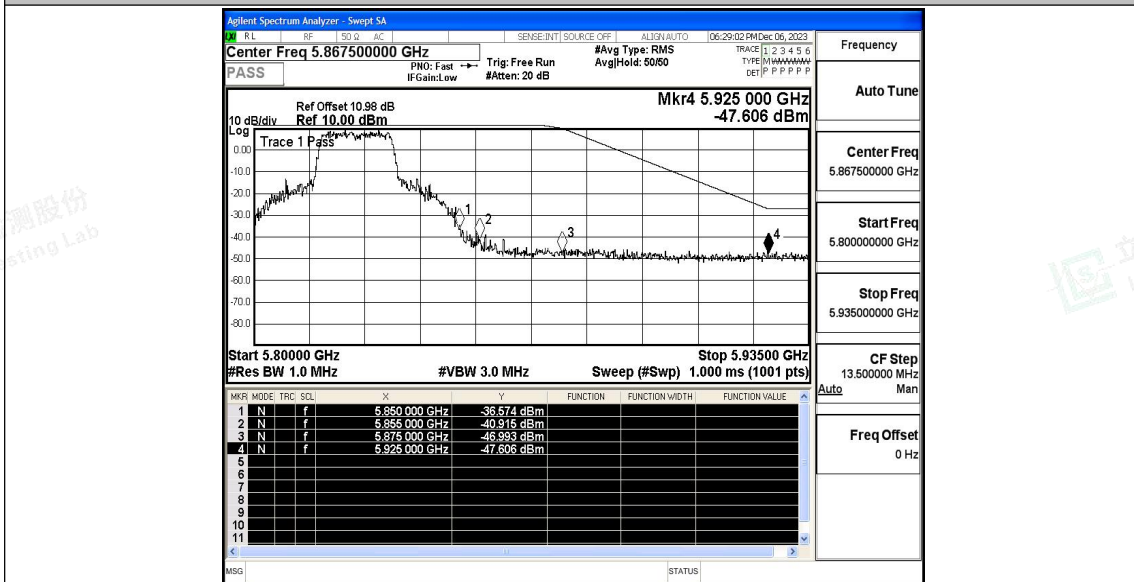


11AC20SISO_Ant1_Low_5745_Peak



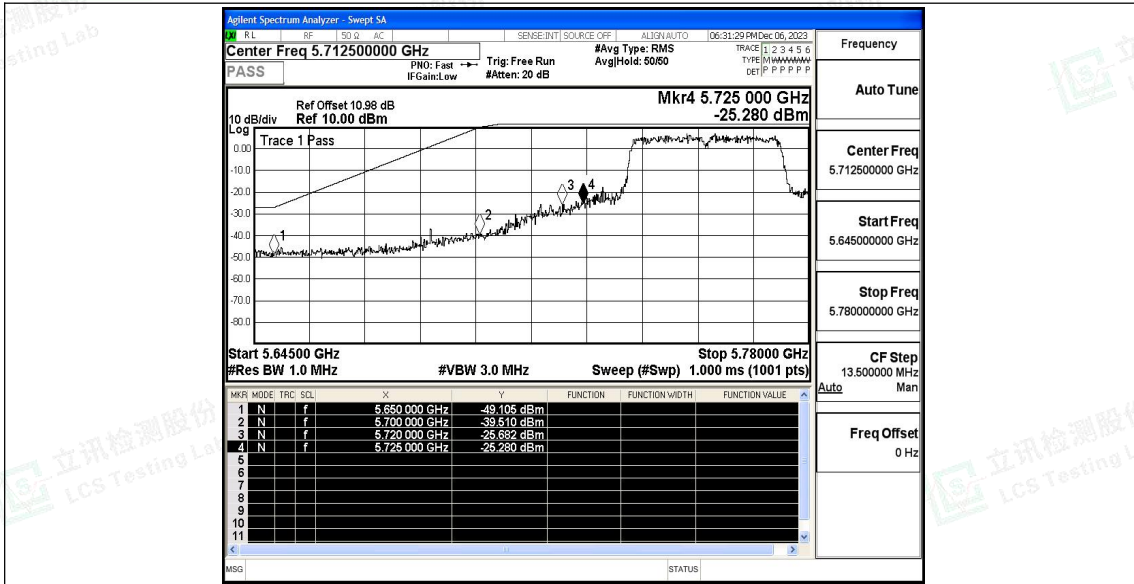


11AC20SISO_Ant1_High_5825_Peak

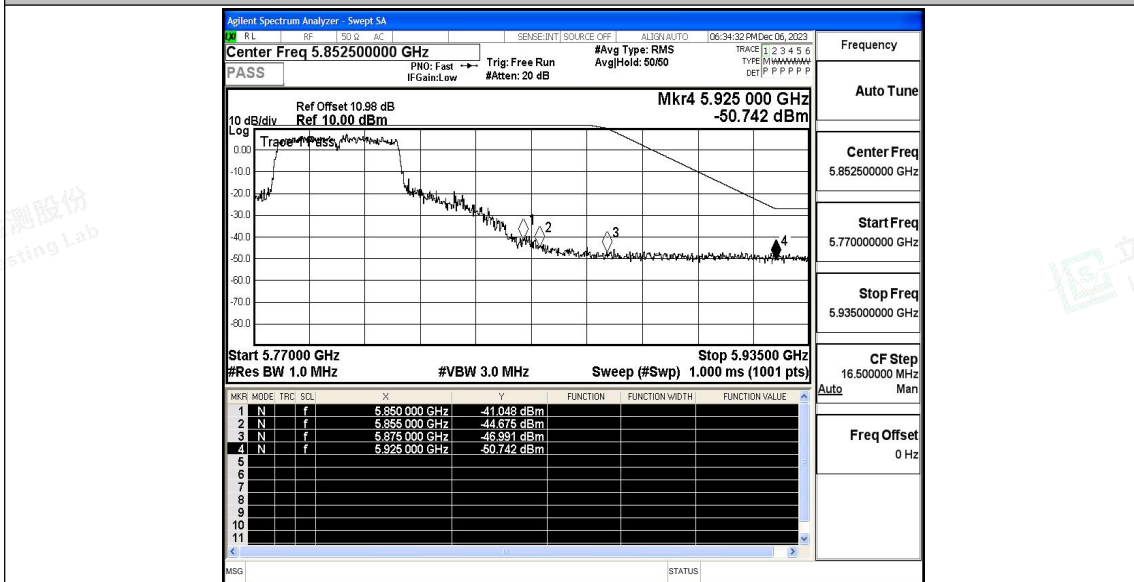


11AC40SISO_Ant1_Low_5755_Peak



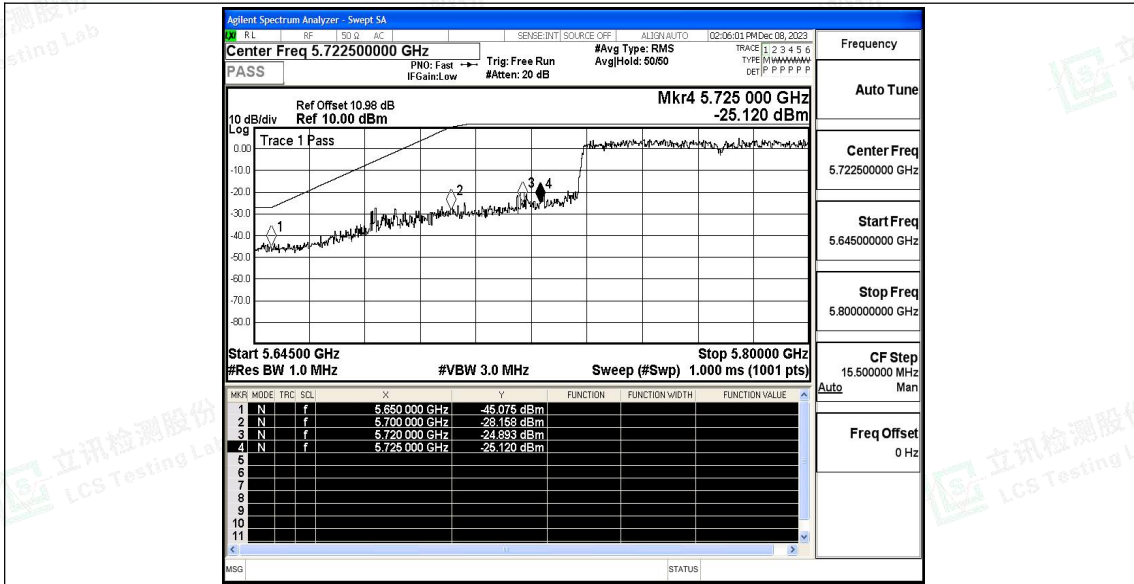


11AC40SISO_Ant1_High_5795_Peak

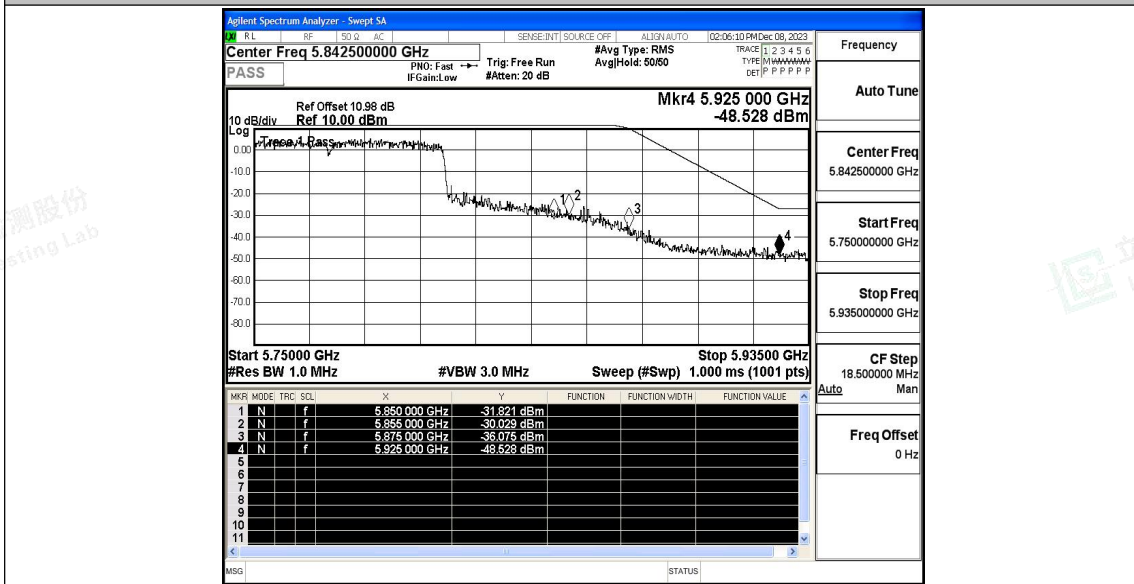


11AC80SISO_Ant1_Low_5775_Peak





11AC80SISO_Ant1_High_5775_Peak





E.6 Duty Cycle

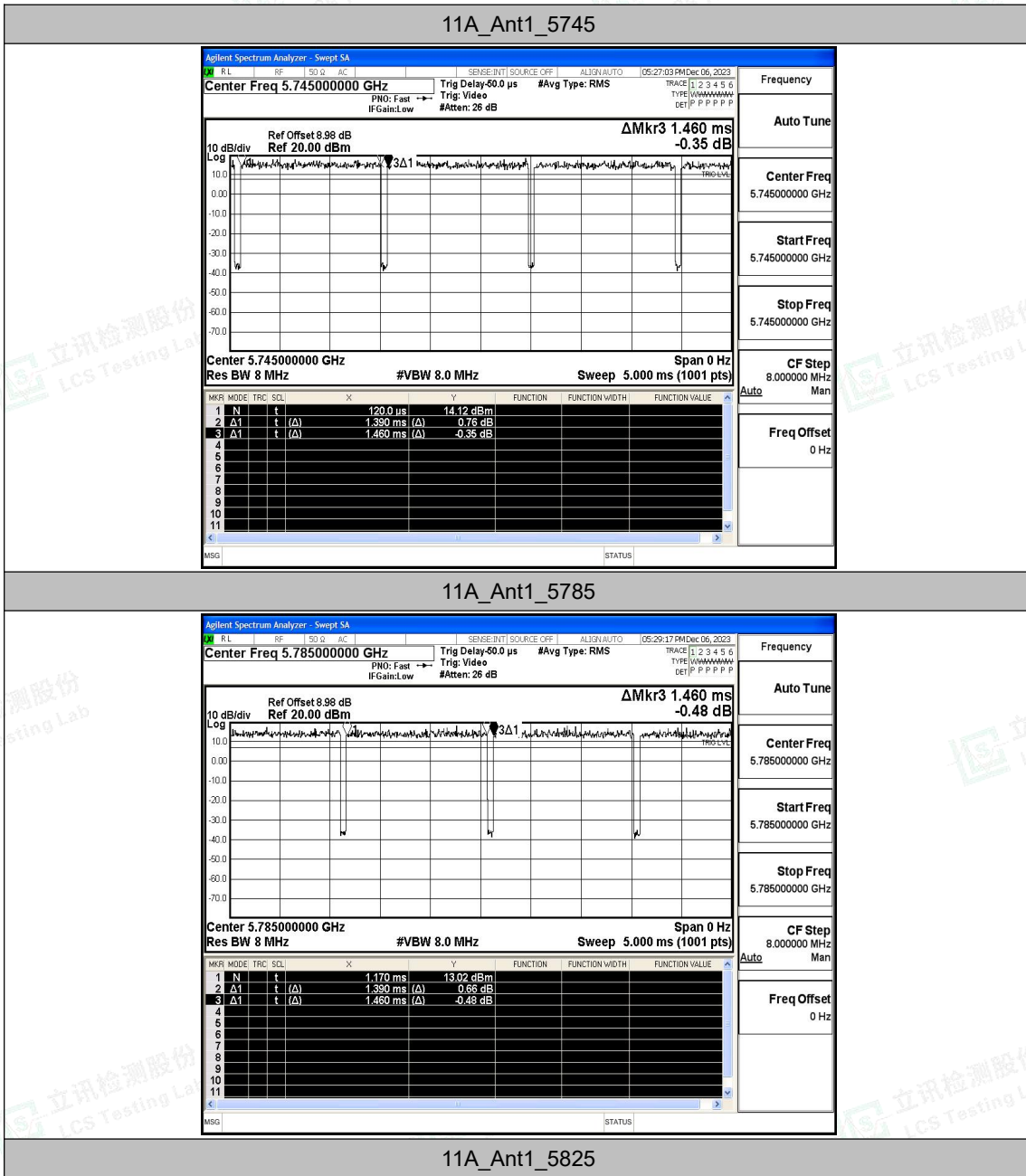
Test Result

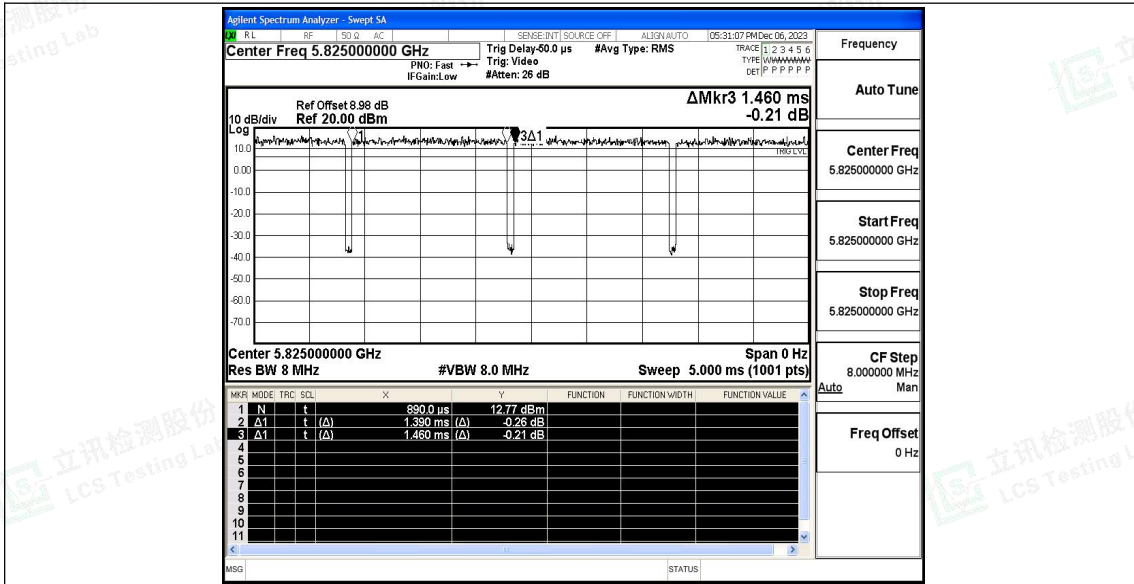
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T [kHz]
11A	Ant1	5745	1.39	1.46	95.21	0.72
		5785	1.39	1.46	95.21	0.72
		5825	1.39	1.46	95.21	0.72
11N20SISO	Ant1	5745	1.18	1.25	94.40	0.85
		5785	1.18	1.25	94.40	0.85
		5825	1.18	1.24	95.16	0.85
11N40SISO	Ant1	5755	0.58	0.65	89.23	1.72
		5795	0.59	0.65	90.77	1.69
11AC20SISO	Ant1	5745	1.18	1.25	94.40	0.85
		5785	1.18	1.25	94.40	0.85
		5825	1.19	1.25	95.20	0.84
11AC40SISO	Ant1	5755	0.59	0.65	90.77	1.69
		5795	0.60	0.66	90.91	1.67
11AC80SISO	Ant1	5775	0.30	0.36	83.33	3.33



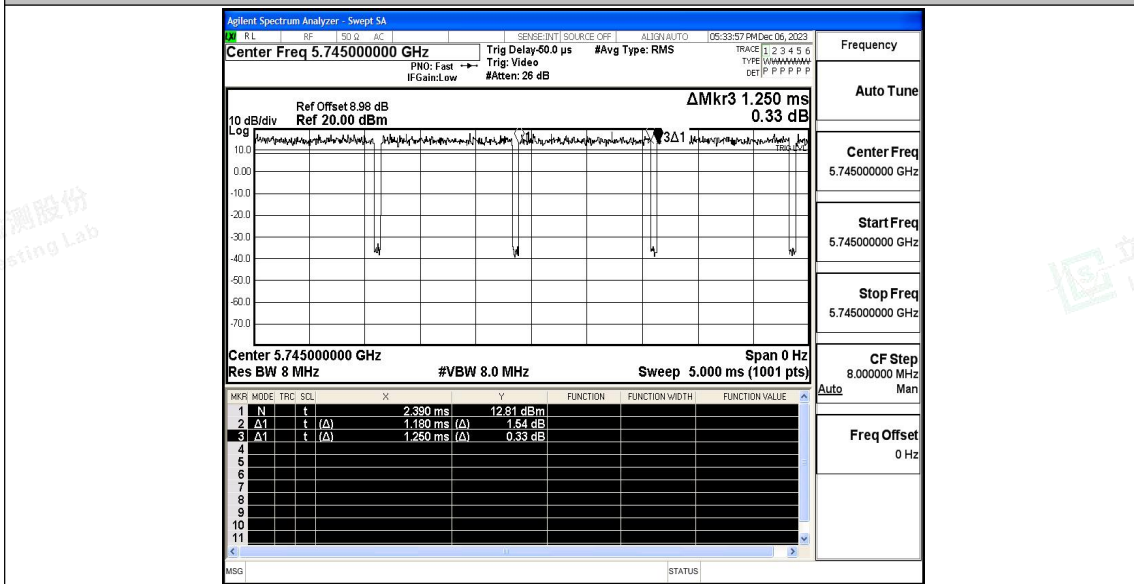


Test Graphs



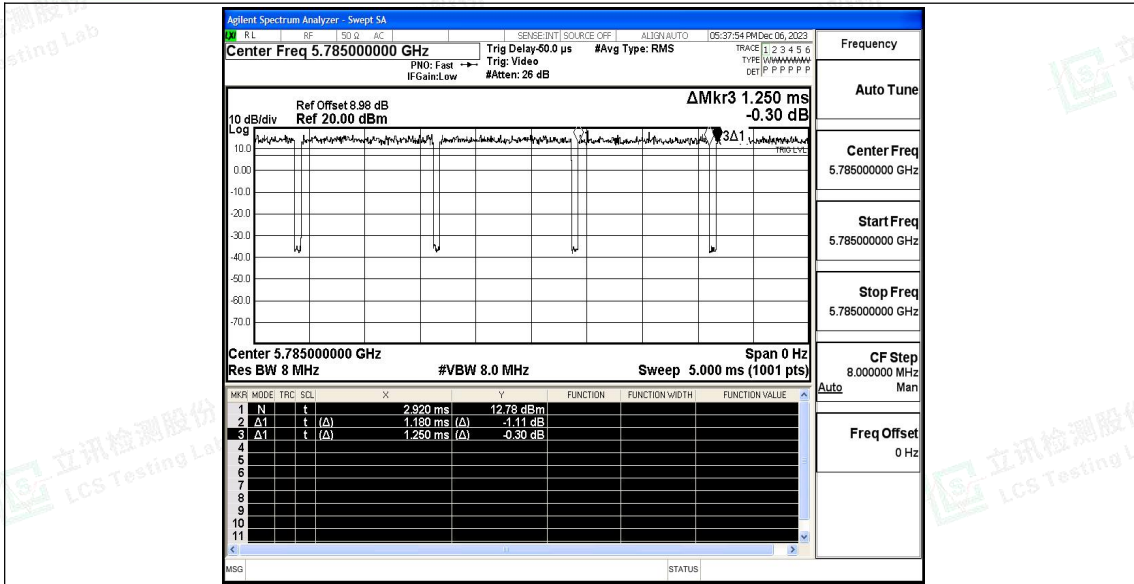


11N20SISO_Ant1_5745

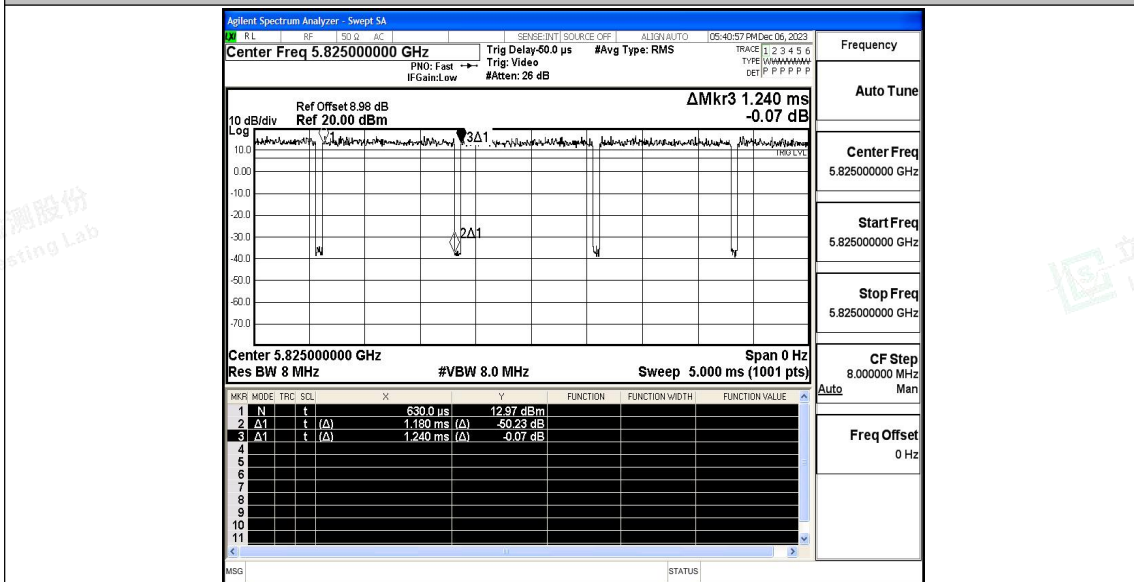


11N20SISO_Ant1_5785



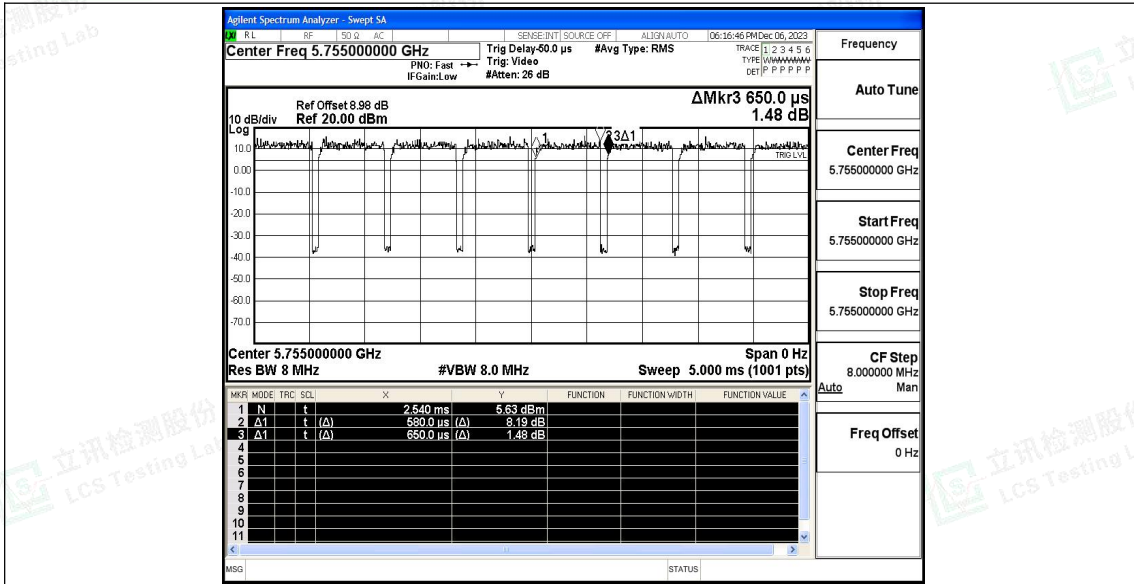


11N20SISO_Ant1_5825

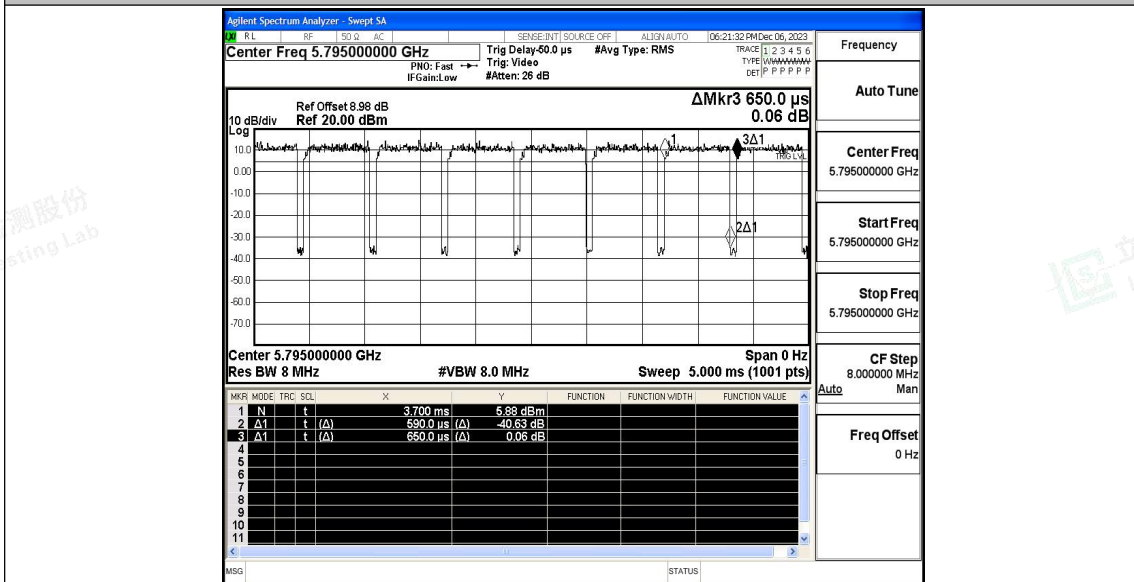


11N40SISO_Ant1_5755



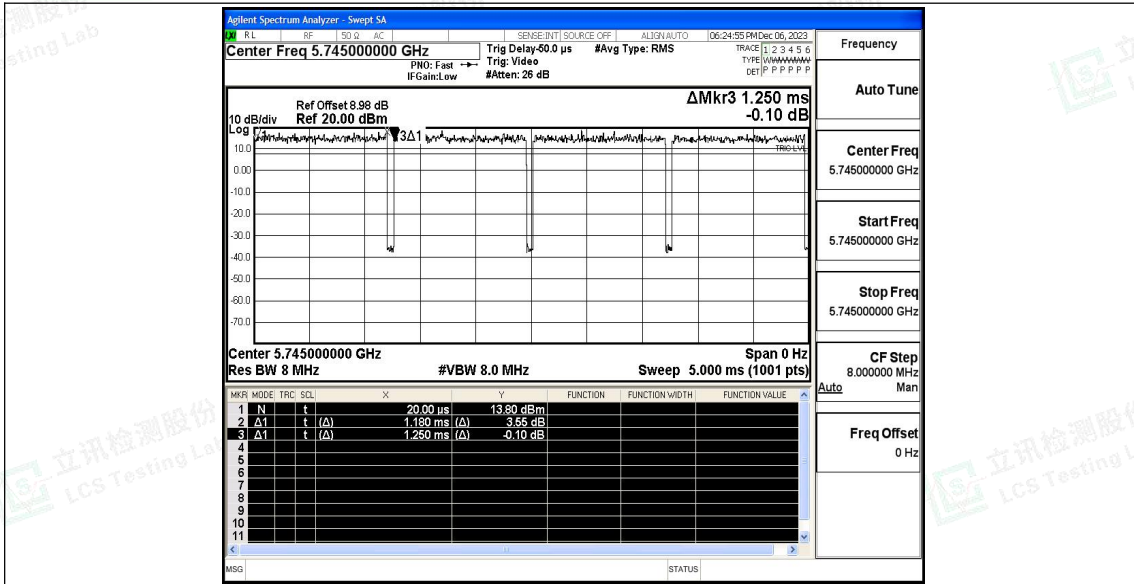


11N40SISO_Ant1_5795

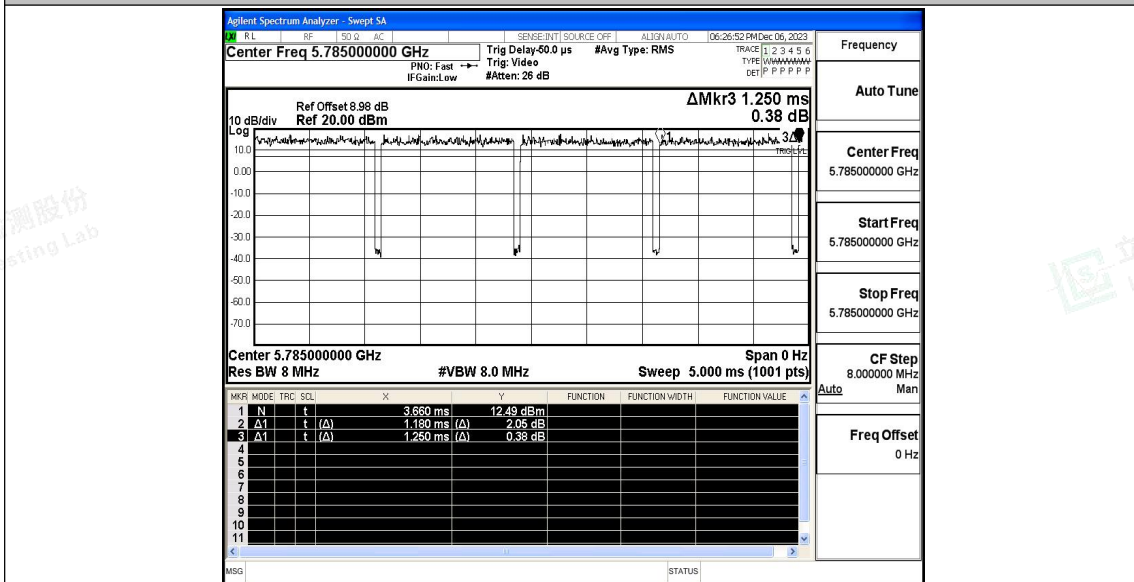


11A20SISO_Ant1_5745



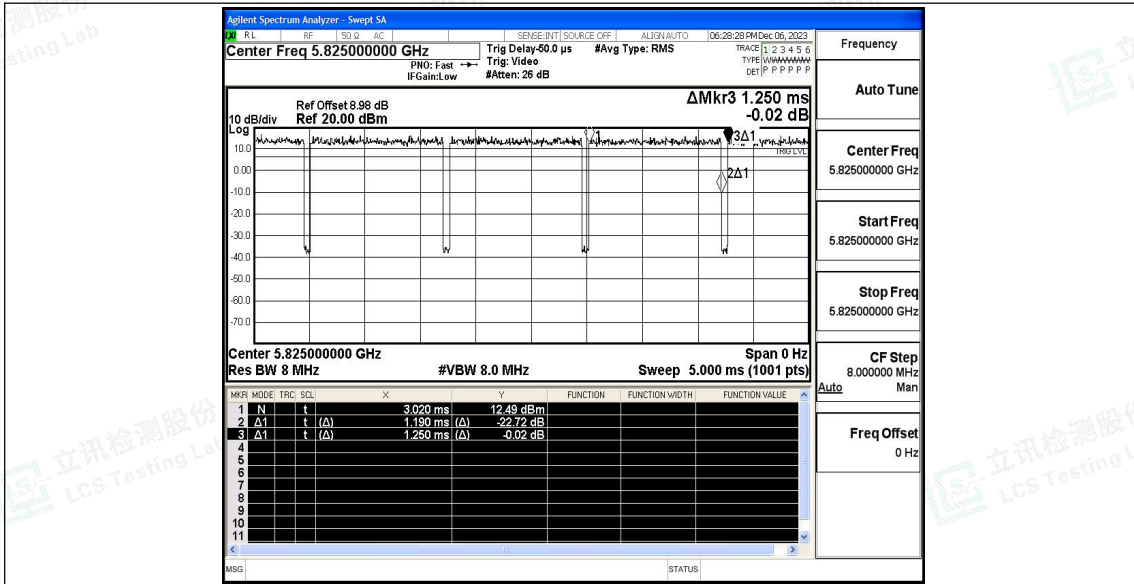


11AC20SISO_Ant1_5785

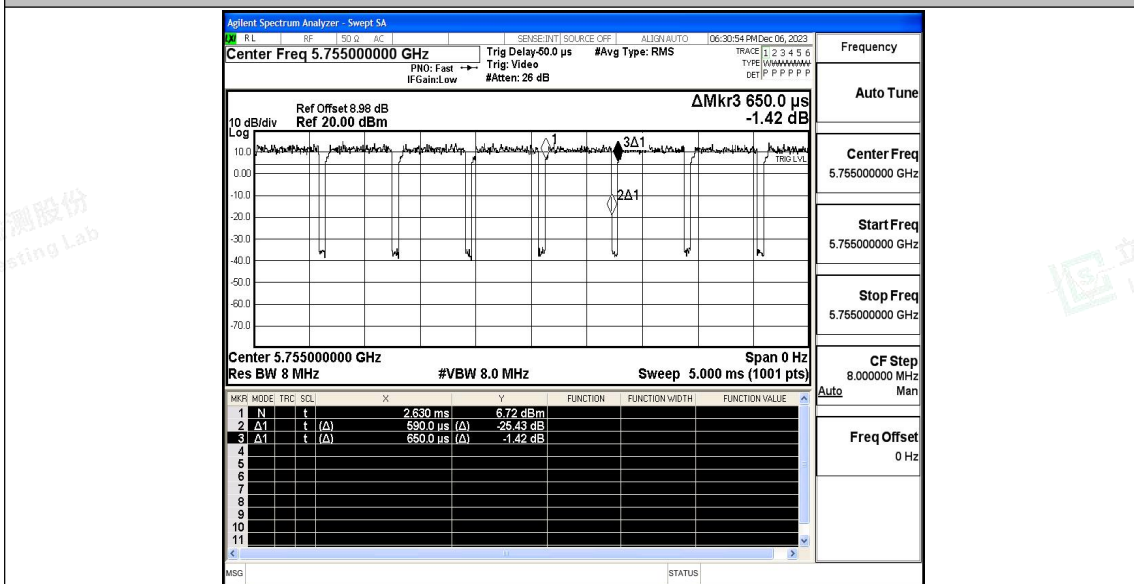


11AC20SISO_Ant1_5825



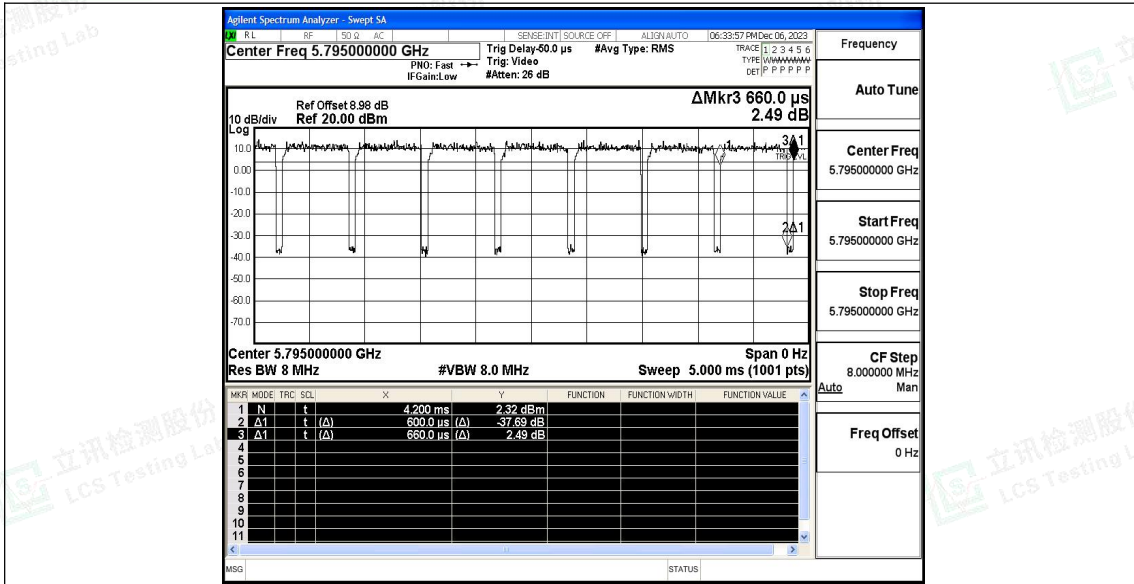


11AC40SISO_Ant1_5755

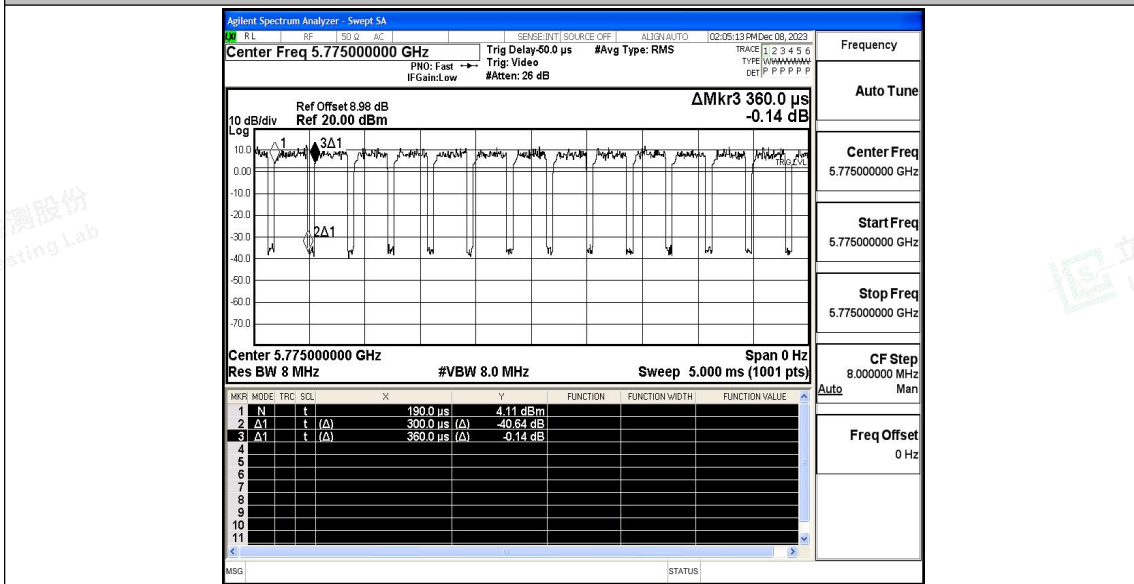


11AC40SISO_Ant1_5795





11AC80SISO_Ant1_5775





E.5 Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Frequen cy[MHz]	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11N20SI SO	Ant1	5745	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-40000.00	-6.962576	20	PASS
			HV	NT	-40000.00	-6.962576	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	-20000.00	-3.433476	20	PASS
			HV	NT	-40000.00	-6.866953	20	PASS
11N40SI SO	Ant1	5755	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-40000.00	-6.950478	20	PASS
		5795	NV	NT	-40000.00	-6.902502	20	PASS
			LV	NT	0.00	0.000000	20	PASS
11AC80S ISO	Ant1	5775	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS

Temperature								
TestMode	Antenna	Frequen cy[MHz]	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11N20SI SO	Ant1	5745	NV	-30	-20000.00	-3.481288	20	PASS
			NV	-30	-20000.00	-3.457217	20	PASS
		5785	NV	-20	-20000.00	-3.457217	20	PASS
			NV	-10	-20000.00	-3.457217	20	PASS
			NV	0	-40000.00	-6.914434	20	PASS
			NV	10	-20000.00	-3.457217	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-40000.00	-6.914434	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-40000.00	-6.914434	20	PASS
			5825	NV	-30	-20000.00	-3.433476	20
		NV		-20	-40000.00	-6.866953	20	PASS





			NV	-10	-40000.00	-6.866953	20	PASS
			NV	0	-20000.00	-3.433476	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-20000.00	-3.433476	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-20000.00	-3.433476	20	PASS
			NV	50	-20000.00	-3.433476	20	PASS
11N40SI SO	Ant1	5755	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-40000.00	-6.950478	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
		NV	40	-40000.00	-6.950478	20	PASS	
		NV	50	0.00	0.000000	20	PASS	
		5795	NV	-30	-40000.00	-6.902502	20	PASS
			NV	-20	-40000.00	-6.902502	20	PASS
			NV	-10	40000.00	6.902502	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-40000.00	-6.902502	20	PASS
			NV	30	0.00	0.000000	20	PASS
		NV	40	0.00	0.000000	20	PASS	
NV	50	0.00	0.000000	20	PASS			
11AC80S ISO	Ant1	5775	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-80000.00	-13.852814	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS

