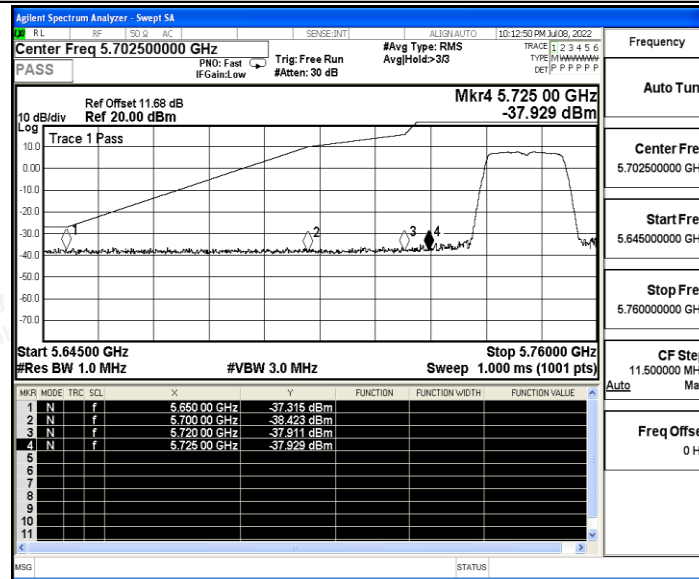


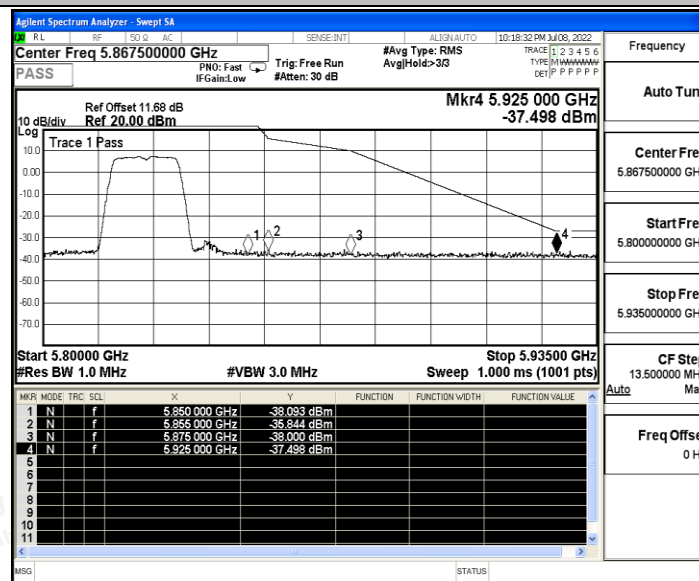


Test Graphs

11A_Ant0_Low_5745_Peak

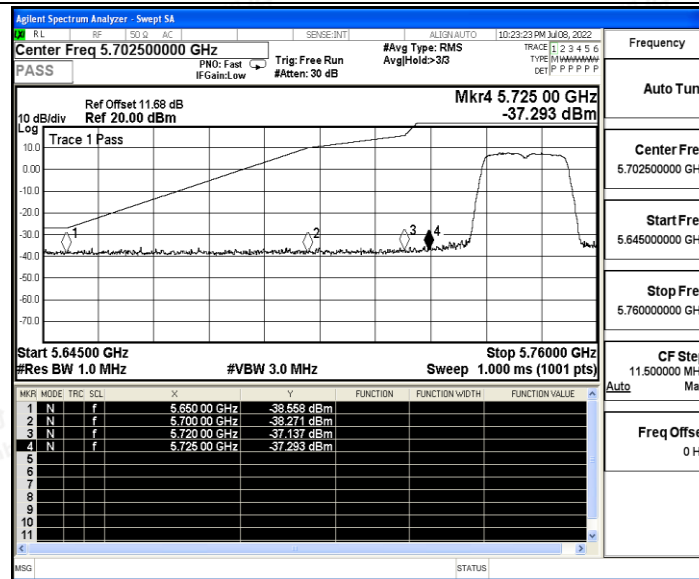


11A_Ant0_High_5825_Peak

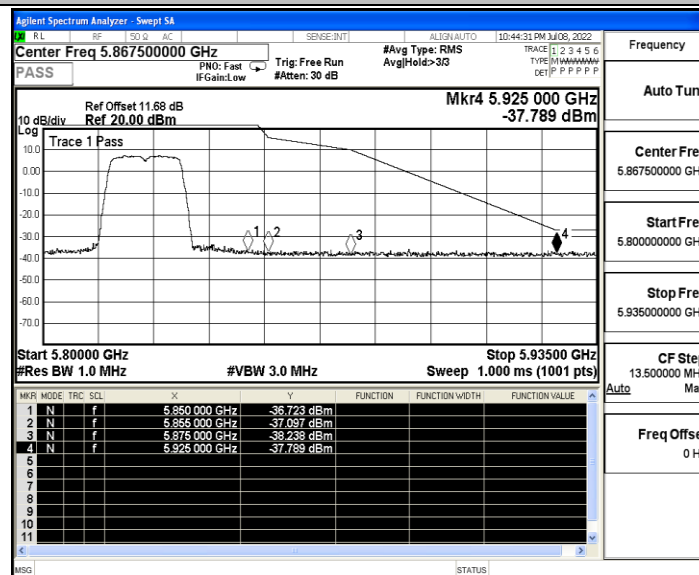


11N20SISO_Ant0_Low_5745_Peak



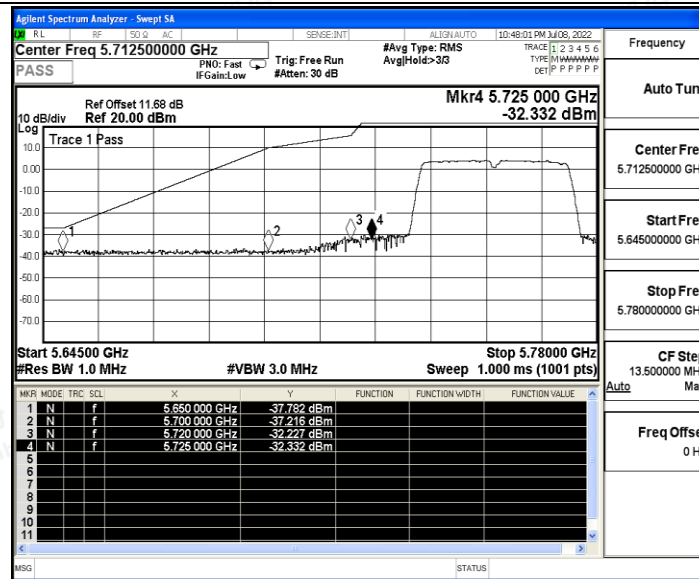


11N20SISO_Ant0_High_5825_Peak

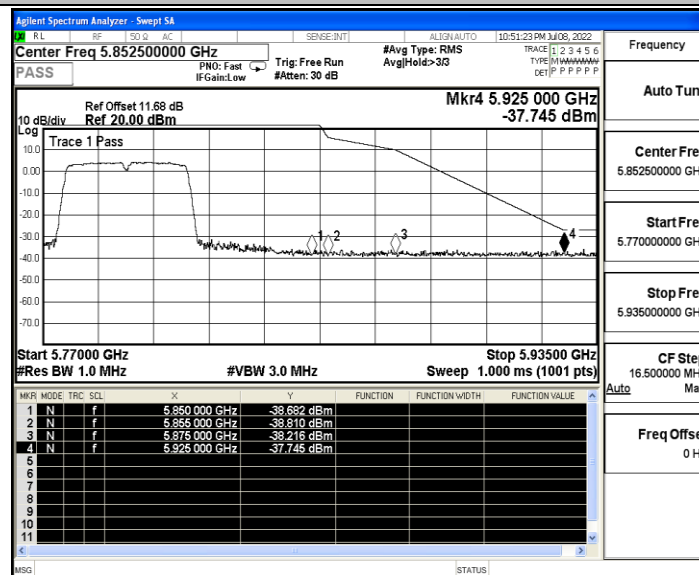


11N40SISO_Ant0_Low_5755_Peak



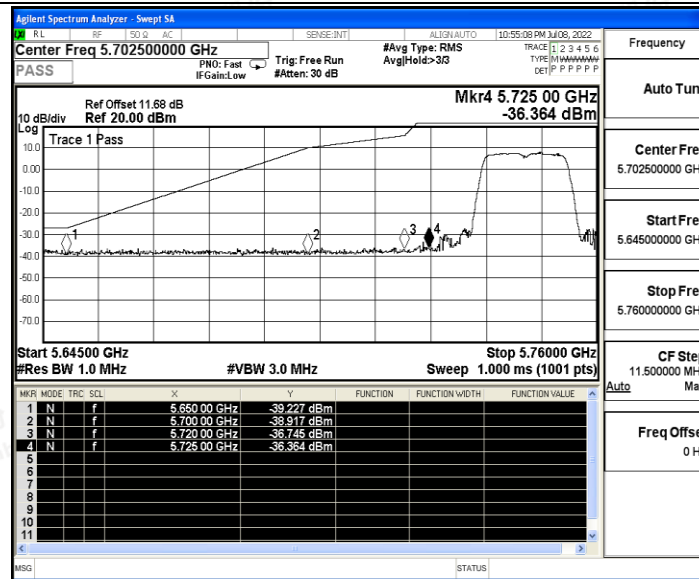


11N40SISO_Ant0_High_5795_Peak

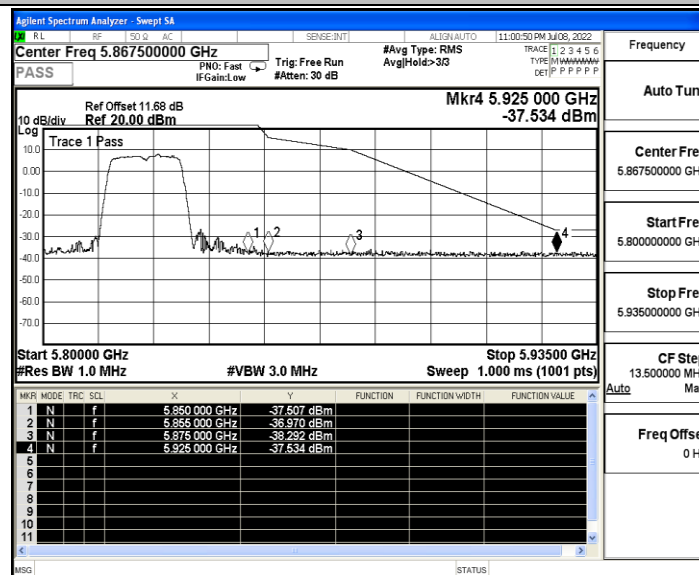


11AC20SISO_Ant0_Low_5745_Peak



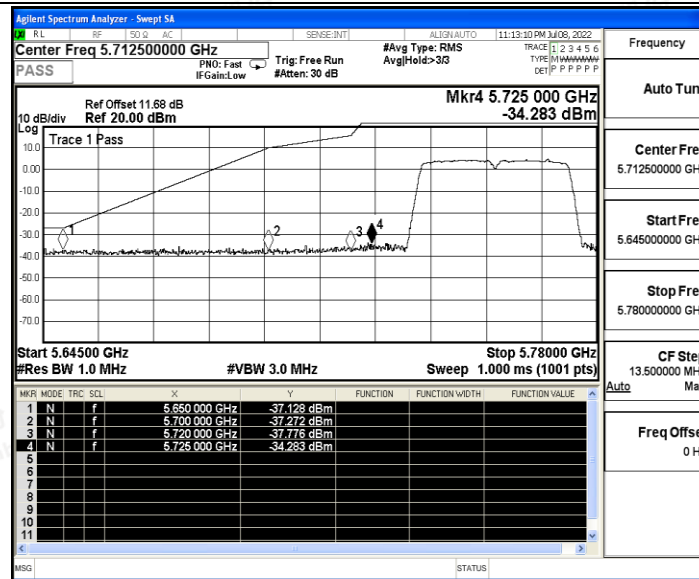


11AC20SISO_Ant0_High_5825_Peak

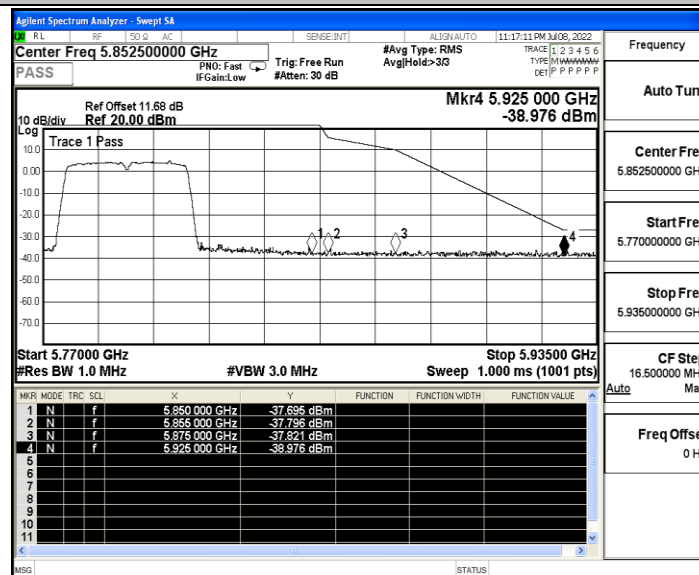


11AC40SISO_Ant0_Low_5755_Peak



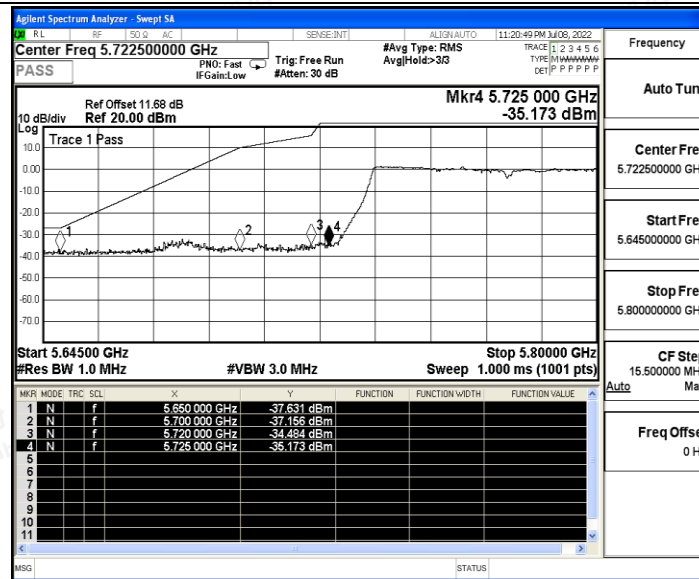


11AC40SISO_Ant0_High_5795_Peak

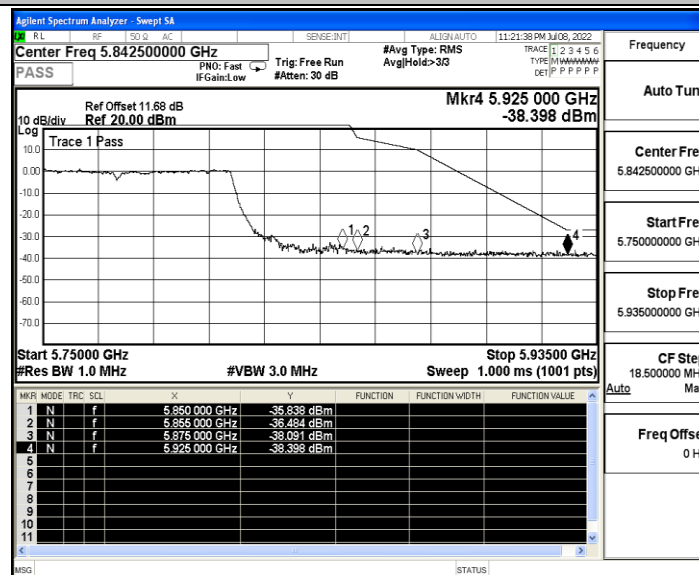


11AC80SISO_Ant0_Low_5775_Peak



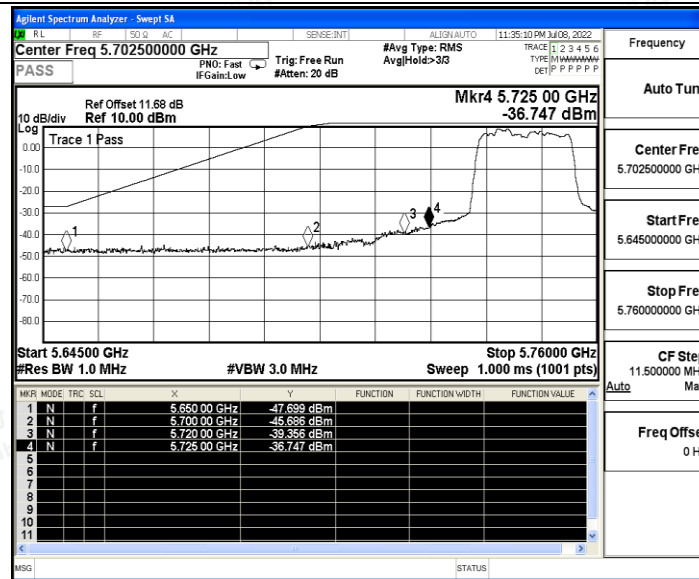


11AC80SISO_Ant0_High_5775_Peak

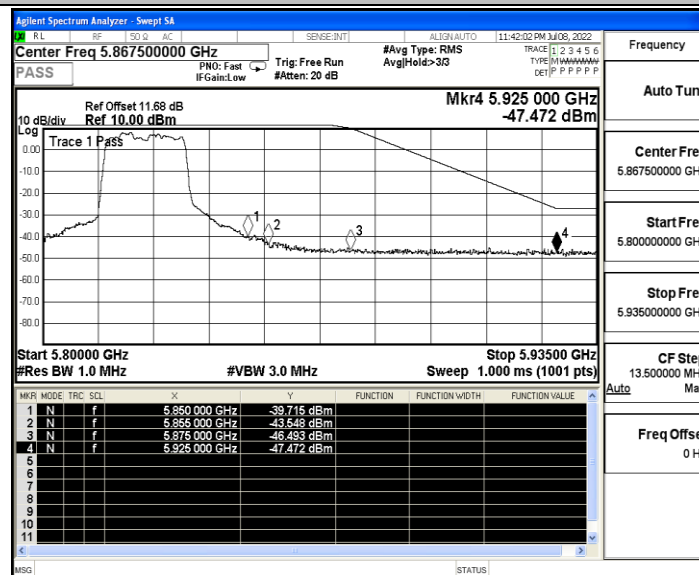


11AX20SISO_Ant0_Low_5745_Peak



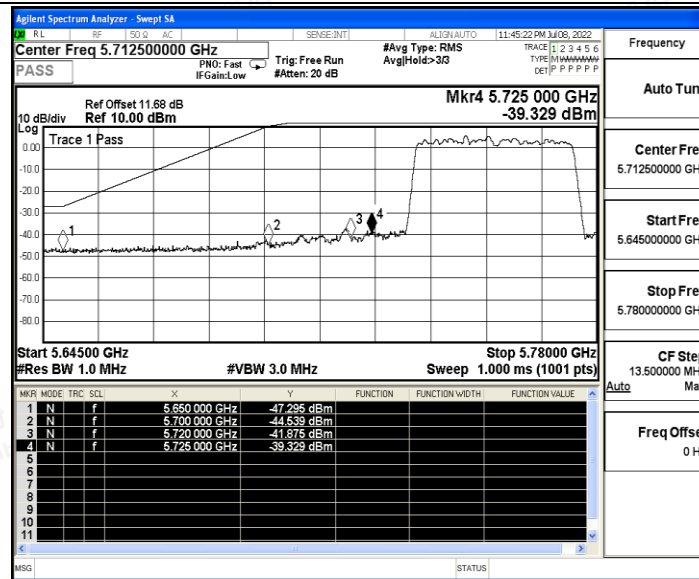


11AX20SISO_Ant0_High_5825_Peak

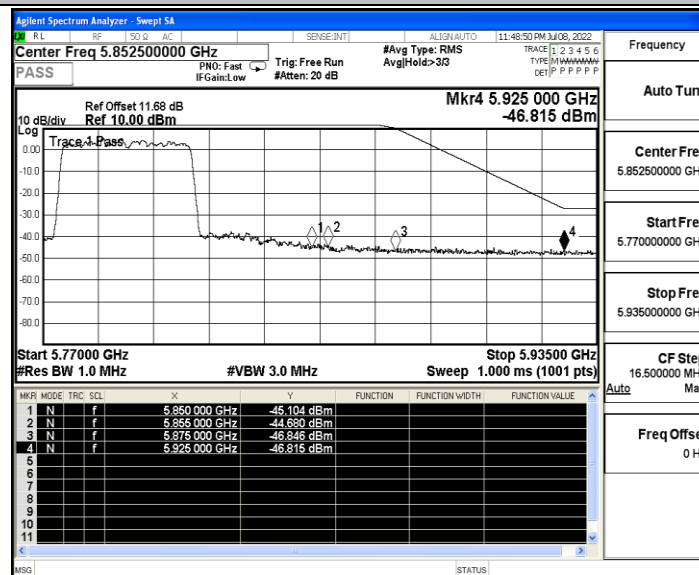


11AX40SISO_Ant0_Low_5755_Peak



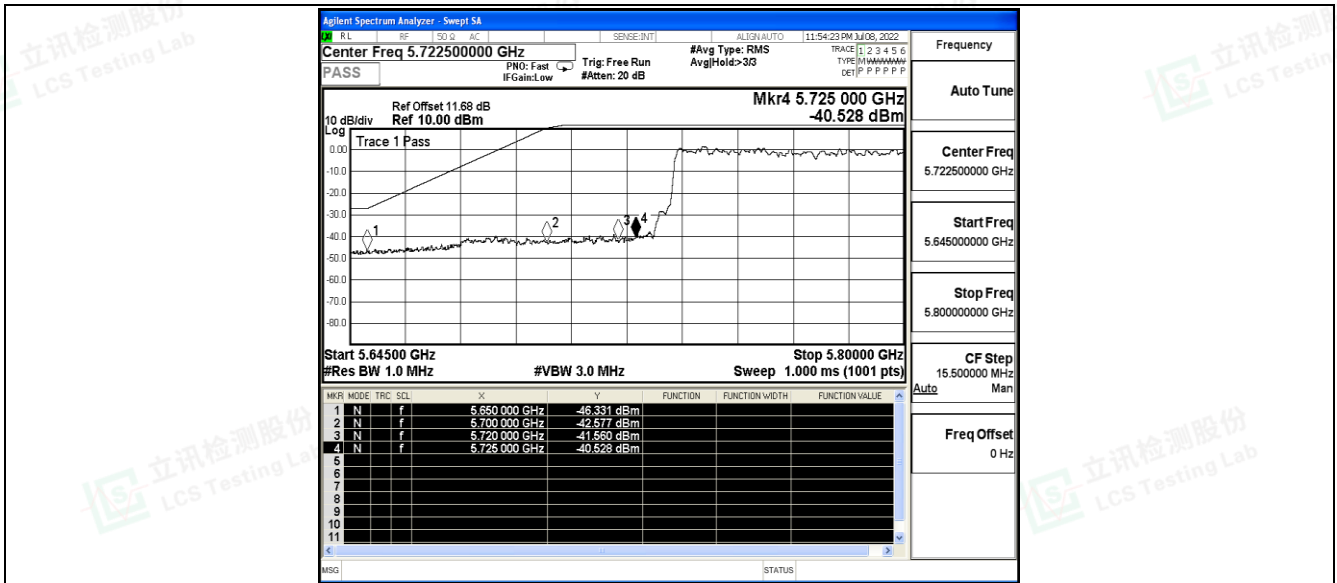


11AX40SISO_Ant0_High_5795_Peak

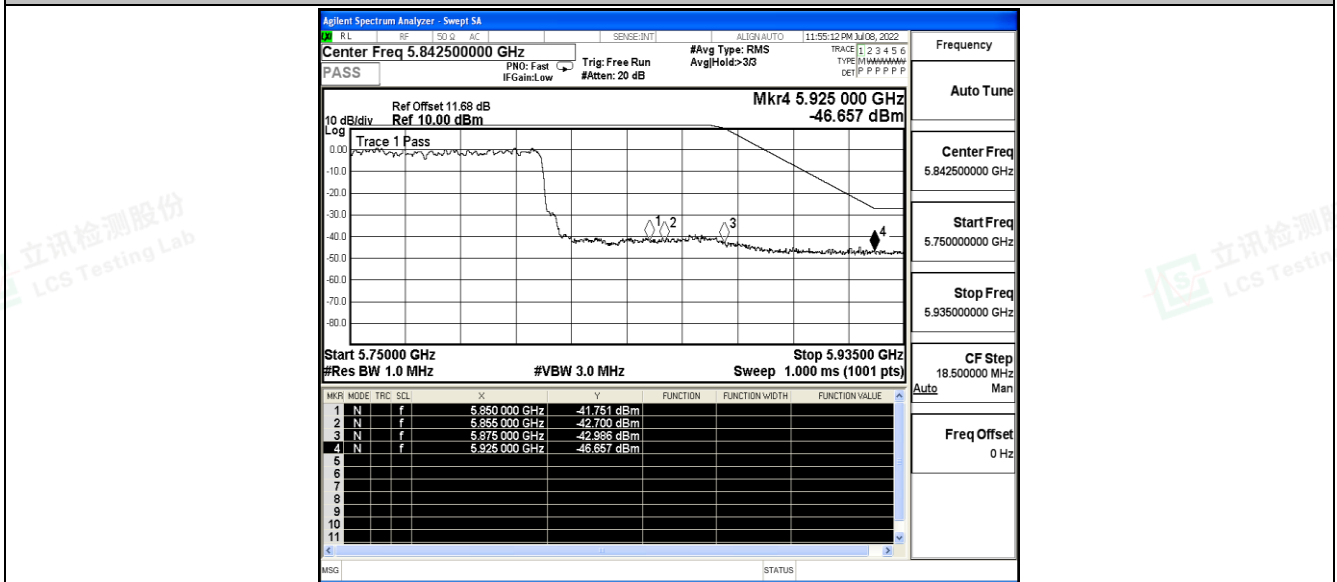


11AX80SISO_Ant0_Low_5775_Peak



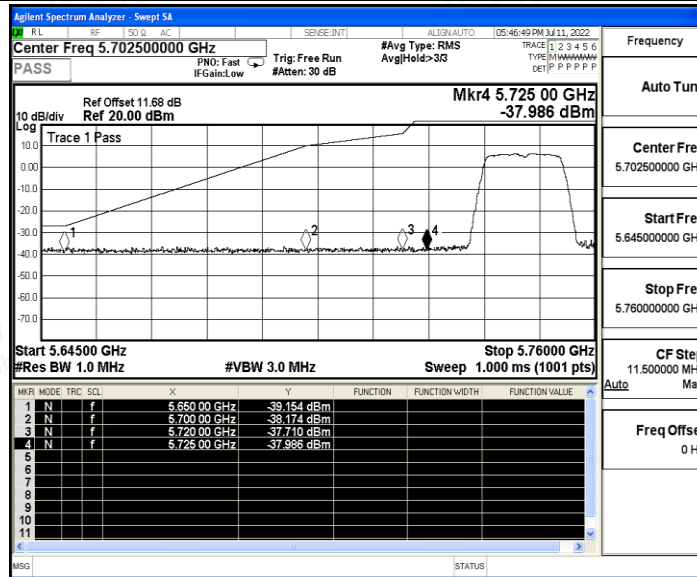


11AX80SISO_Ant0_High_5775_Peak

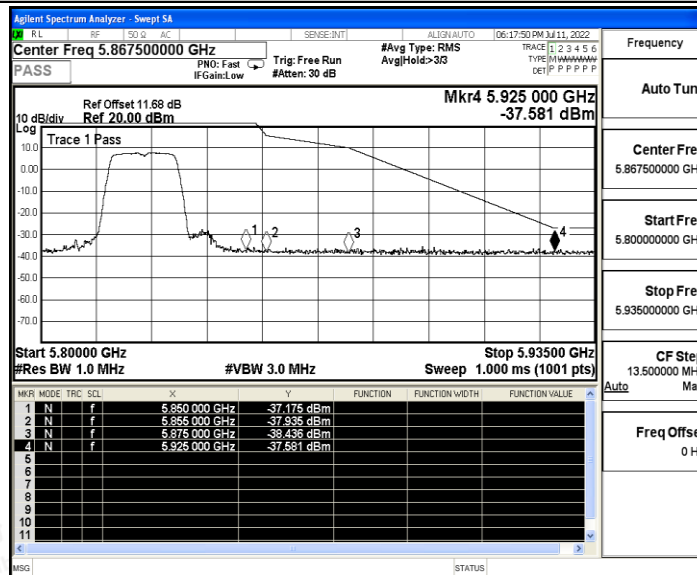




11A_Ant1_Low_5745_Peak

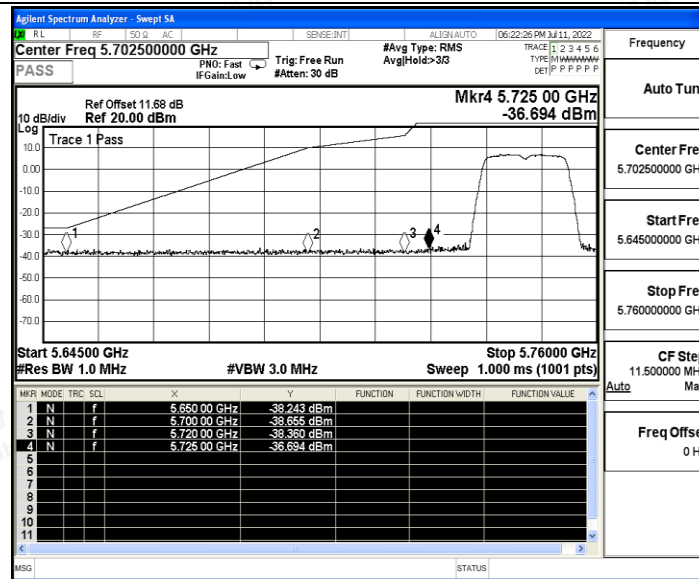


11A_Ant1_High_5825_Peak

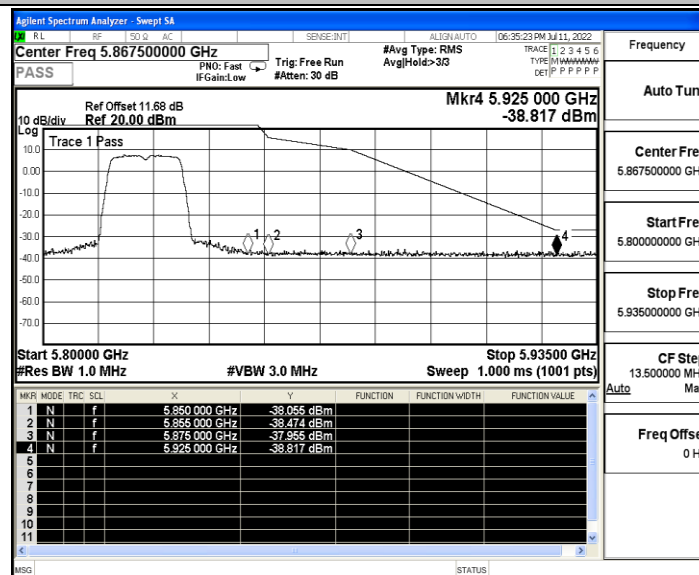


11N20SISO_Ant1_Low_5745_Peak



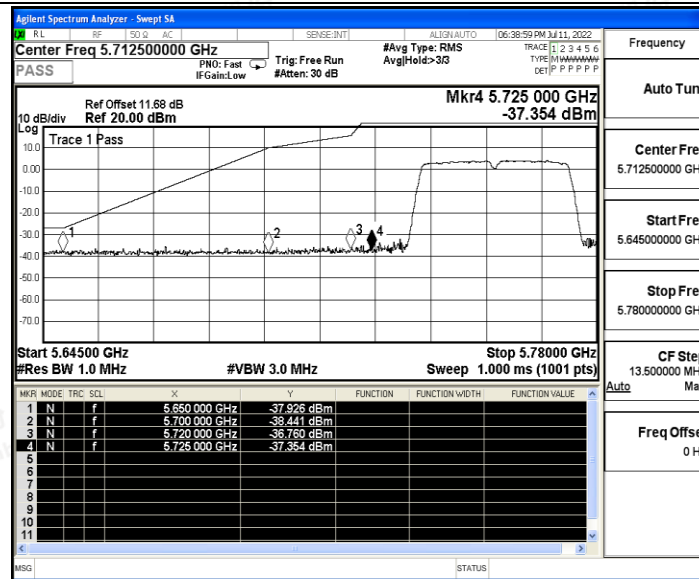


11N20SISO_Ant1_High_5825_Peak

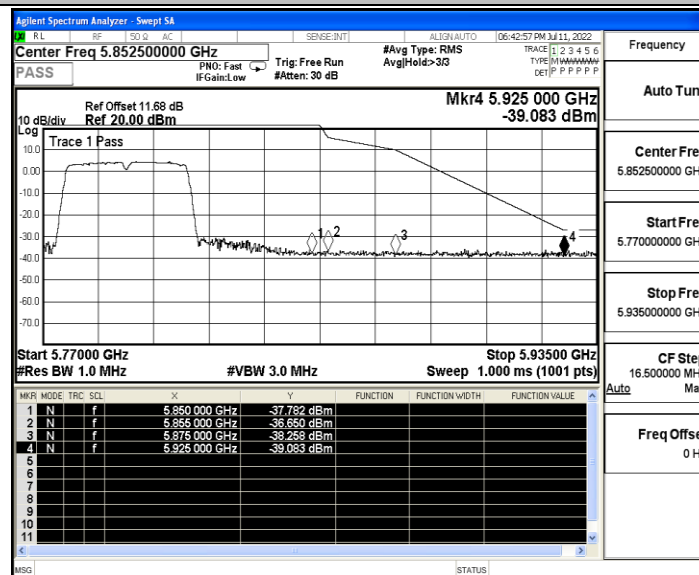


11N40SISO_Ant1_Low_5755_Peak



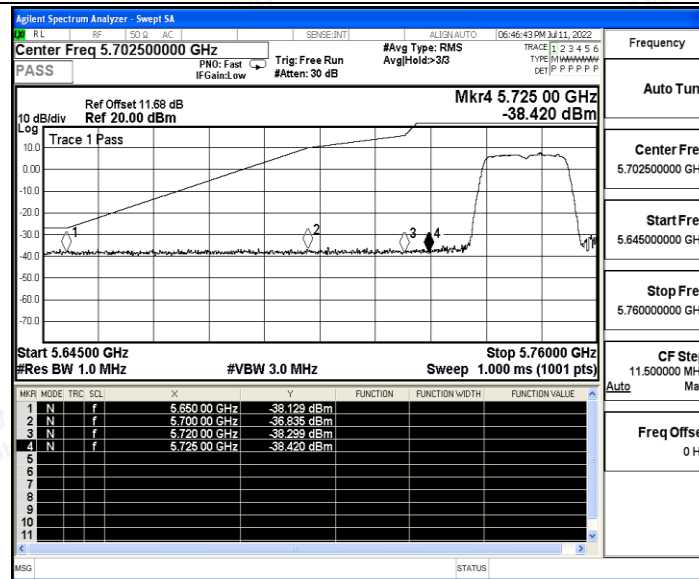


11N40SISO_Ant1_High_5795_Peak

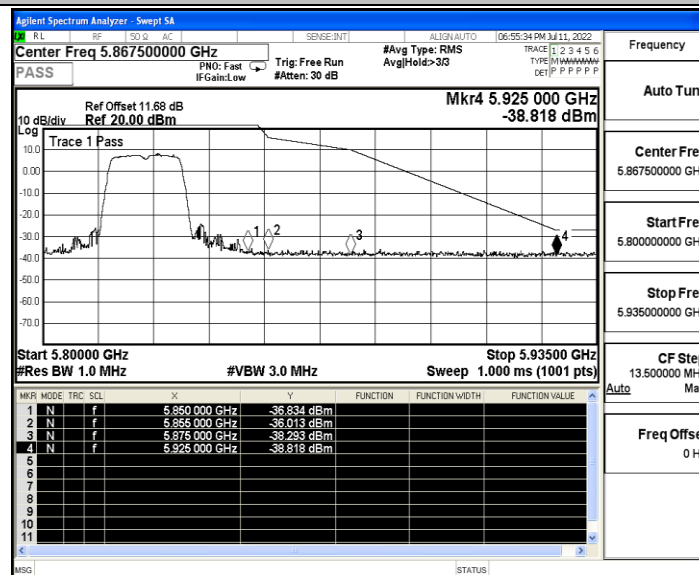


11AC20SISO_Ant1_Low_5745_Peak



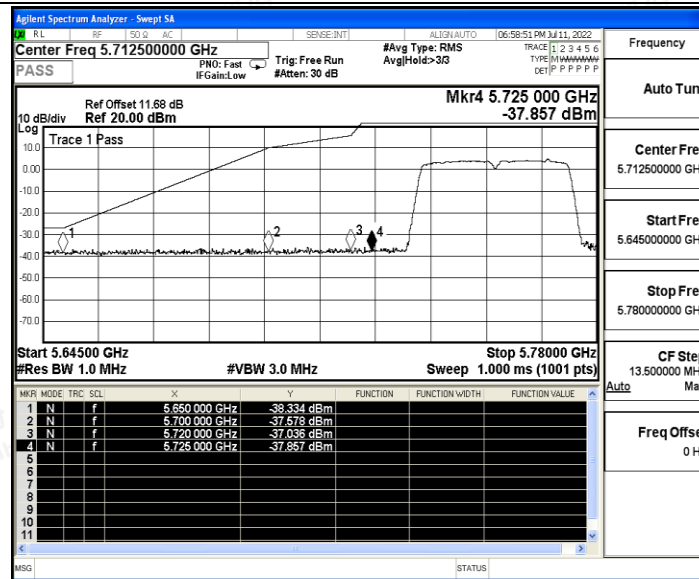


11AC20SISO_Ant1_High_5825_Peak

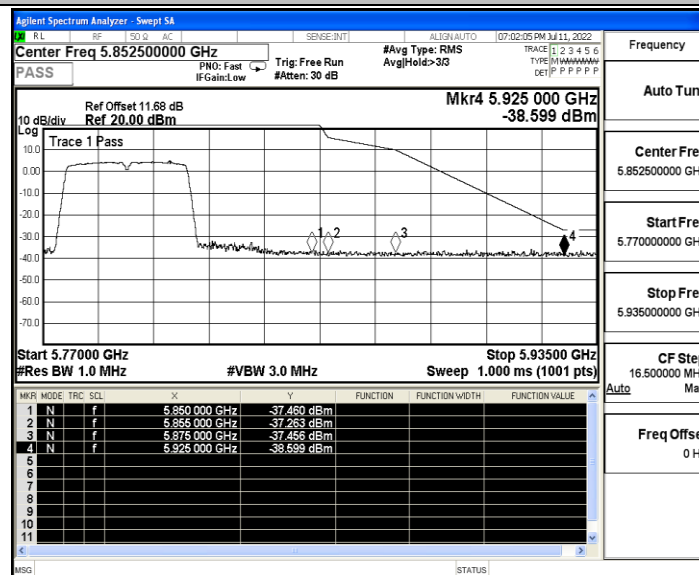


11AC40SISO_Ant1_Low_5755_Peak



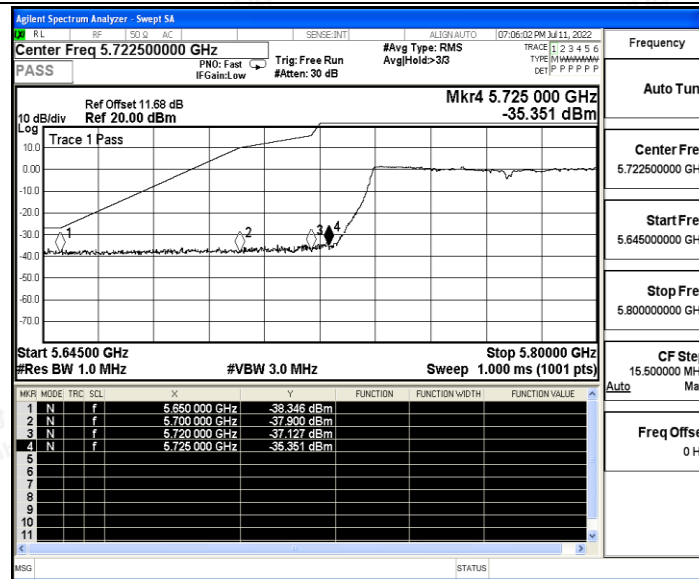


11AC40SISO_Ant1_High_5795_Peak

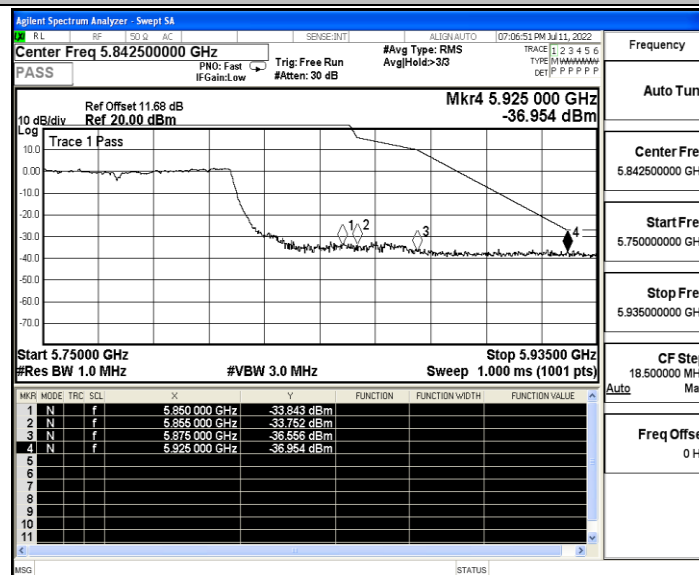


11AC80SISO_Ant1_Low_5775_Peak



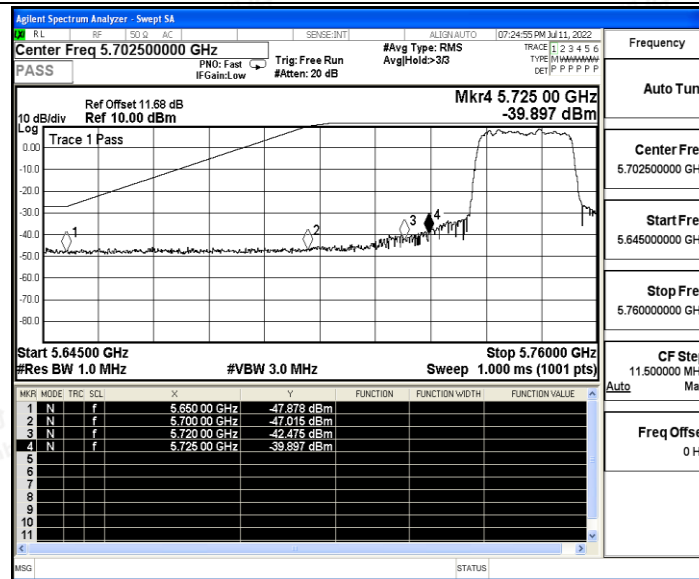


11AC80SISO_Ant1_High_5775_Peak

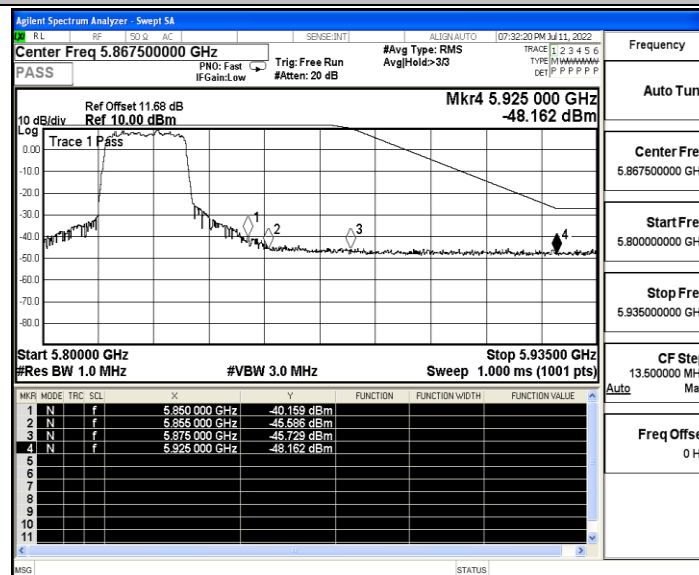


11AX20SISO_Ant1_Low_5745_Peak



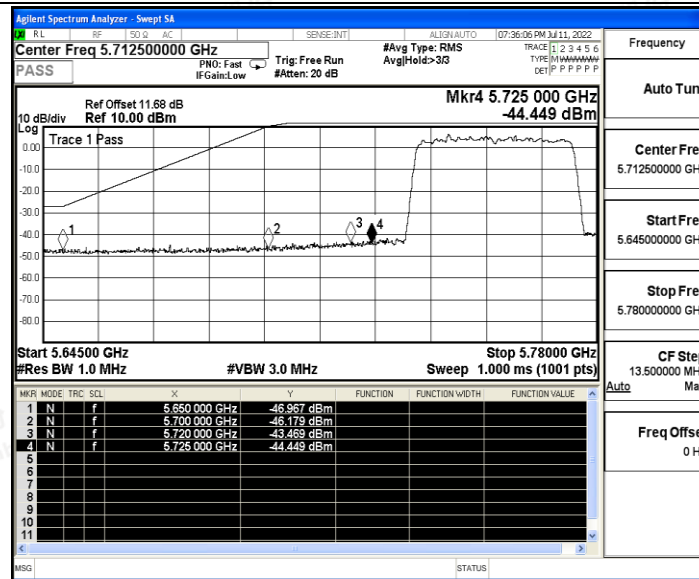


11AX20SISO_Ant1_High_5825_Peak

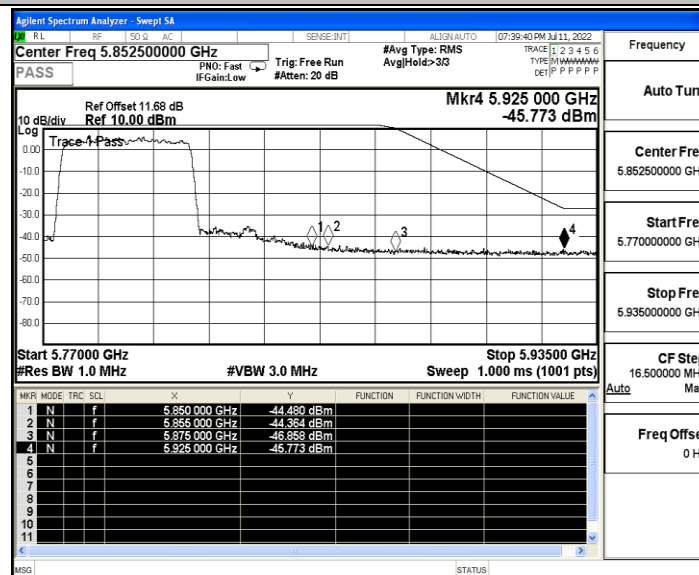


11AX40SISO_Ant1_Low_5755_Peak



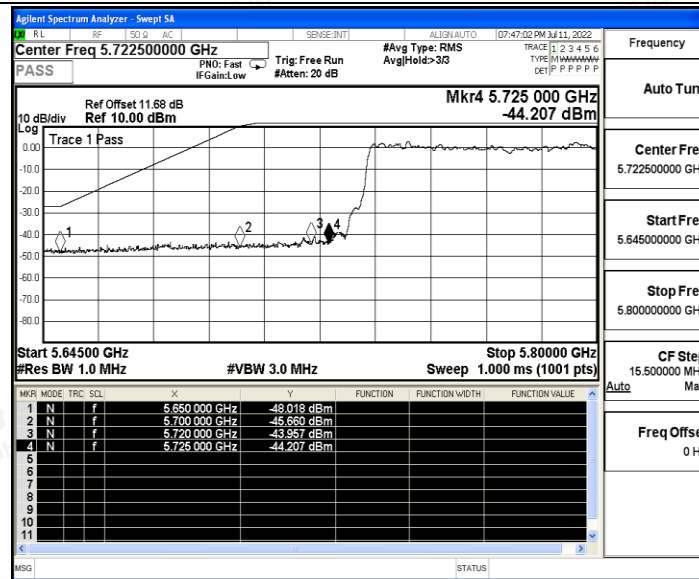


11AX40SISO_Ant1_High_5795_Peak

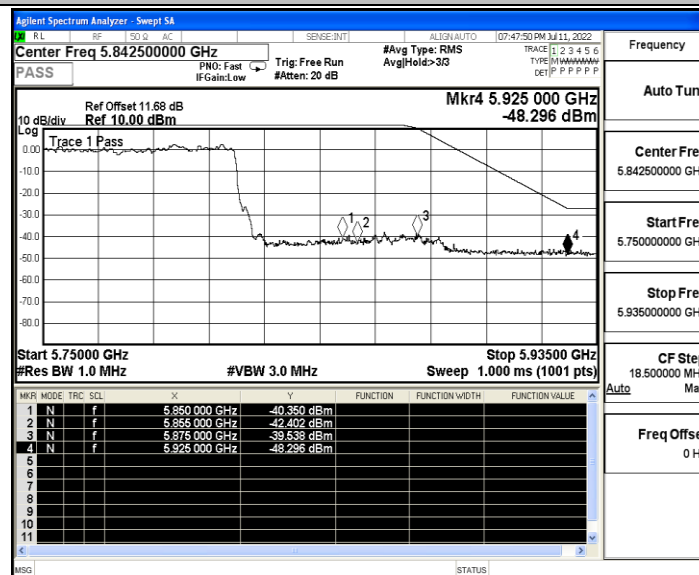


11AX80SISO_Ant1_Low_5775_Peak





11AX80SISO_Ant1_High_5775_Peak





E.5 Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20SIS O	Ant0	5745	NV	NT	-1000	-0.174064	20	PASS
			LV	NT	-1000	-0.174064	20	PASS
			HV	NT	-1000	-0.174064	20	PASS
		5785	NV	NT	-3000	-0.518583	20	PASS
			LV	NT	-3000	-0.518583	20	PASS
			HV	NT	-3000	-0.518583	20	PASS
		5825	NV	NT	-4000	-0.686695	20	PASS
			LV	NT	-4000	-0.686695	20	PASS
			HV	NT	-3000	-0.515021	20	PASS
11AC40SIS O	Ant0	5755	NV	NT	-4000	-0.695048	20	PASS
			LV	NT	-4000	-0.695048	20	PASS
			HV	NT	-4000	-0.695048	20	PASS
		5795	NV	NT	-4000	-0.69025	20	PASS
			LV	NT	-4000	-0.69025	20	PASS
			HV	NT	-4000	-0.69025	20	PASS
11AC80SIS O	Ant0	5775	NV	NT	-4000	-0.692641	20	PASS
			LV	NT	-4000	-0.692641	20	PASS
			HV	NT	-4000	-0.692641	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20SIS O	Ant0	5745	NV	-30	-1000	-0.174064	20	PASS
			NV	-20	-1000	-0.174064	20	PASS
			NV	-10	-1000	-0.174064	20	PASS
			NV	0	-1000	-0.174064	20	PASS
			NV	10	-2000	-0.348129	20	PASS
			NV	20	-2000	-0.348129	20	PASS
			NV	30	-2000	-0.348129	20	PASS
			NV	40	-2000	-0.348129	20	PASS
			NV	50	-2000	-0.348129	20	PASS
		5785	NV	-30	-3000	-0.518583	20	PASS
			NV	-20	-3000	-0.518583	20	PASS
			NV	-10	-3000	-0.518583	20	PASS





			NV	0	-3000	-0.518583	20	PASS
			NV	10	-3000	-0.518583	20	PASS
			NV	20	-3000	-0.518583	20	PASS
			NV	30	-3000	-0.518583	20	PASS
			NV	40	-3000	-0.518583	20	PASS
			NV	50	-3000	-0.518583	20	PASS
		5825	NV	-30	-4000	-0.686695	20	PASS
			NV	-20	-3000	-0.515021	20	PASS
			NV	-10	-4000	-0.686695	20	PASS
			NV	0	-3000	-0.515021	20	PASS
			NV	10	-4000	-0.686695	20	PASS
			NV	20	-3000	-0.515021	20	PASS
			NV	30	-4000	-0.686695	20	PASS
			NV	40	-4000	-0.686695	20	PASS
			NV	50	-4000	-0.686695	20	PASS
11AC40SIS O	Ant0	5755	NV	-30	-4000	-0.695048	20	PASS
			NV	-20	-4000	-0.695048	20	PASS
			NV	-10	-4000	-0.695048	20	PASS
			NV	0	-4000	-0.695048	20	PASS
			NV	10	-3000	-0.521286	20	PASS
			NV	20	-4000	-0.695048	20	PASS
			NV	30	-4000	-0.695048	20	PASS
			NV	40	-4000	-0.695048	20	PASS
			NV	50	-4000	-0.695048	20	PASS
		5795	NV	-30	-4000	-0.69025	20	PASS
			NV	-20	-4000	-0.69025	20	PASS
			NV	-10	-4000	-0.69025	20	PASS
			NV	0	-4000	-0.69025	20	PASS
			NV	10	-4000	-0.69025	20	PASS
			NV	20	-4000	-0.69025	20	PASS
			NV	30	-4000	-0.69025	20	PASS
			NV	40	-4000	-0.69025	20	PASS
			NV	50	-4000	-0.69025	20	PASS
11AC80SIS O	Ant0	5775	NV	-30	-4000	-0.692641	20	PASS
			NV	-20	-4000	-0.692641	20	PASS
			NV	-10	-4000	-0.692641	20	PASS
			NV	0	-4000	-0.692641	20	PASS
			NV	10	-4000	-0.692641	20	PASS
			NV	20	-4000	-0.692641	20	PASS
			NV	30	-4000	-0.692641	20	PASS





			NV	40	-4000	-0.692641	20	PASS
			NV	50	-4000	-0.692641	20	PASS



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Scan code to check authenticity



Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20SIS O	Ant1	5745	NV	NT	-1000	-0.174064	20	PASS
			LV	NT	-1000	-0.174064	20	PASS
			HV	NT	-1000	-0.174064	20	PASS
		5785	NV	NT	-2000	-0.345722	20	PASS
			LV	NT	-2000	-0.345722	20	PASS
			HV	NT	-2000	-0.345722	20	PASS
		5825	NV	NT	-2000	-0.343348	20	PASS
			LV	NT	-2000	-0.343348	20	PASS
			HV	NT	-2000	-0.343348	20	PASS
11AC40SIS O	Ant1	5755	NV	NT	-3000	-0.521286	20	PASS
			LV	NT	-3000	-0.521286	20	PASS
			HV	NT	-3000	-0.521286	20	PASS
		5795	NV	NT	-3000	-0.517688	20	PASS
			LV	NT	-3000	-0.517688	20	PASS
			HV	NT	-3000	-0.517688	20	PASS
11AC80SIS O	Ant1	5775	NV	NT	-4000	-0.692641	20	PASS
			LV	NT	-3000	-0.519481	20	PASS
			HV	NT	-3000	-0.519481	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20SIS O	Ant1	5745	NV	-30	-1000	-0.174064	20	PASS
			NV	-20	-1000	-0.174064	20	PASS
			NV	-10	-1000	-0.174064	20	PASS
			NV	0	-1000	-0.174064	20	PASS
			NV	10	-1000	-0.174064	20	PASS
			NV	20	-1000	-0.174064	20	PASS
			NV	30	-1000	-0.174064	20	PASS
			NV	40	-1000	-0.174064	20	PASS
			NV	50	-1000	-0.174064	20	PASS
		5785	NV	-30	-2000	-0.345722	20	PASS
			NV	-20	-2000	-0.345722	20	PASS
			NV	-10	-2000	-0.345722	20	PASS
			NV	0	-2000	-0.345722	20	PASS
			NV	10	-2000	-0.345722	20	PASS
			NV	20	-2000	-0.345722	20	PASS





			NV	30	-2000	-0.345722	20	PASS
			NV	40	-2000	-0.345722	20	PASS
			NV	50	-2000	-0.345722	20	PASS
		5825	NV	-30	-2000	-0.343348	20	PASS
			NV	-20	-2000	-0.343348	20	PASS
			NV	-10	-2000	-0.343348	20	PASS
			NV	0	-2000	-0.343348	20	PASS
			NV	10	-2000	-0.343348	20	PASS
			NV	20	-2000	-0.343348	20	PASS
			NV	30	-2000	-0.343348	20	PASS
			NV	40	-2000	-0.343348	20	PASS
			NV	50	-2000	-0.343348	20	PASS
11AC40SIS O	Ant1	5755	NV	-30	-3000	-0.521286	20	PASS
			NV	-20	-3000	-0.521286	20	PASS
			NV	-10	-3000	-0.521286	20	PASS
			NV	0	-3000	-0.521286	20	PASS
			NV	10	-3000	-0.521286	20	PASS
			NV	20	-3000	-0.521286	20	PASS
			NV	30	-3000	-0.521286	20	PASS
			NV	40	-3000	-0.521286	20	PASS
			NV	50	-3000	-0.521286	20	PASS
		5795	NV	-30	-3000	-0.517688	20	PASS
			NV	-20	-3000	-0.517688	20	PASS
			NV	-10	-3000	-0.517688	20	PASS
			NV	0	-3000	-0.517688	20	PASS
			NV	10	-3000	-0.517688	20	PASS
			NV	20	-3000	-0.517688	20	PASS
			NV	30	-3000	-0.517688	20	PASS
			NV	40	-3000	-0.517688	20	PASS
			NV	50	-3000	-0.517688	20	PASS
11AC80SIS O	Ant1	5775	NV	-30	-3000	-0.519481	20	PASS
			NV	-20	-3000	-0.519481	20	PASS
			NV	-10	-3000	-0.519481	20	PASS
			NV	0	-3000	-0.519481	20	PASS
			NV	10	-3000	-0.519481	20	PASS
			NV	20	-3000	-0.519481	20	PASS
			NV	30	-3000	-0.519481	20	PASS
			NV	40	-3000	-0.519481	20	PASS
			NV	50	-3000	-0.519481	20	PASS





E.6 Duty Cycle

Test Result

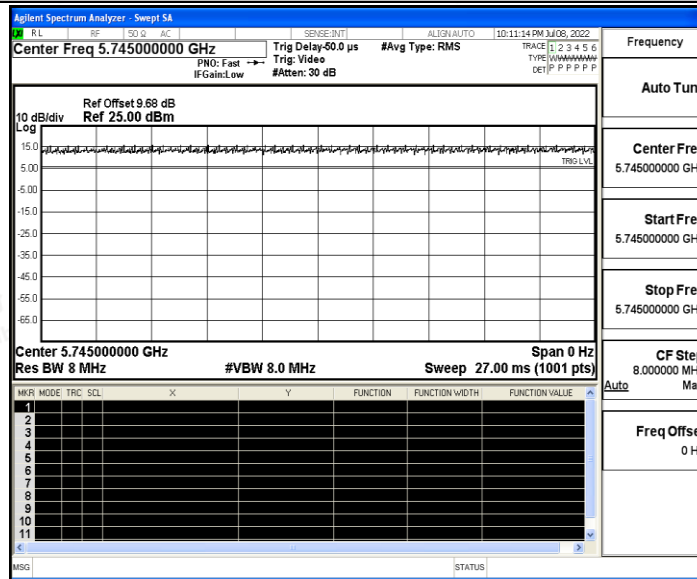
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant0	5745	27.00	27.00	100.00	---	---
		5785	1.36	1.37	99.27	---	---
		5825	1.36	1.36	100.00	---	---
11N20SISO	Ant0	5745	27.00	27.00	100.00	---	---
		5785	27.00	27.00	100.00	---	---
		5825	27.00	27.00	100.00	---	---
11N40SISO	Ant0	5755	0.63	0.64	98.44	---	---
		5795	0.63	0.64	98.44	---	---
11AC20SISO	Ant0	5745	1.28	1.28	100.00	---	---
		5785	1.28	1.28	100.00	---	---
		5825	1.28	1.29	99.22	---	---
11AC40SISO	Ant0	5755	0.63	0.64	98.44	---	---
		5795	0.63	0.64	98.44	---	---
11AC80SISO	Ant0	5775	0.32	0.33	96.97	---	---
11AX20SISO	Ant0	5745	0.12	0.13	92.31	---	---
		5785	0.12	0.13	92.31	---	---
		5825	0.12	0.12	100.00	---	---
11AX40SISO	Ant0	5755	0.09	0.10	90.00	---	---
		5795	0.10	0.10	100.00	---	---
11AX80SISO	Ant0	5775	0.07	0.08	87.50	---	---



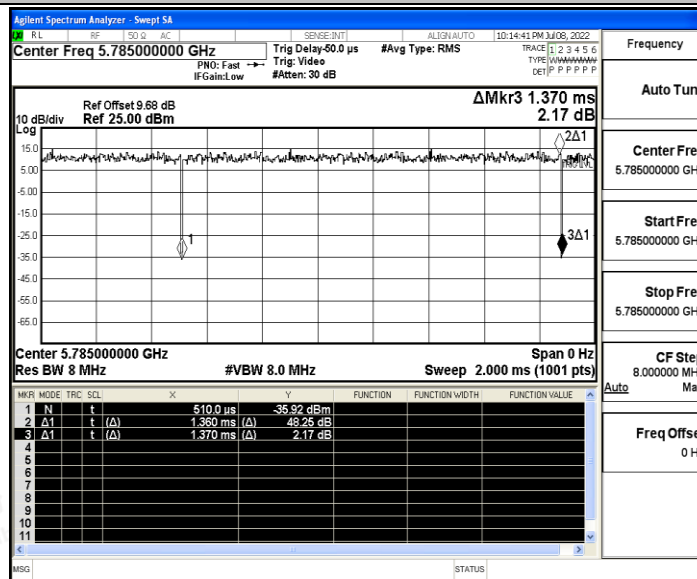


Test Graphs

11A_Ant0_5745

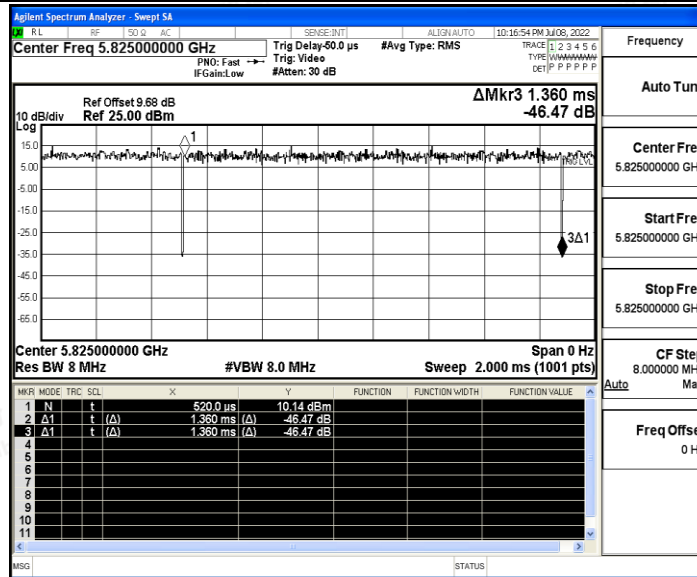


11A_Ant0_5785

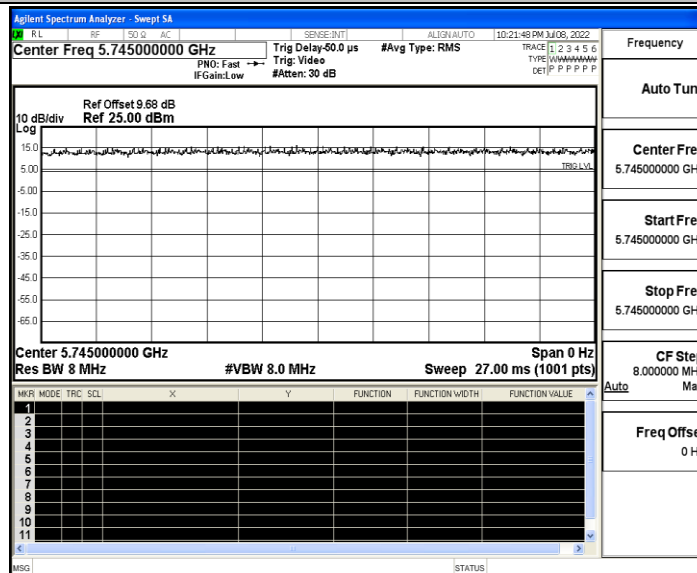


11A_Ant0_5825



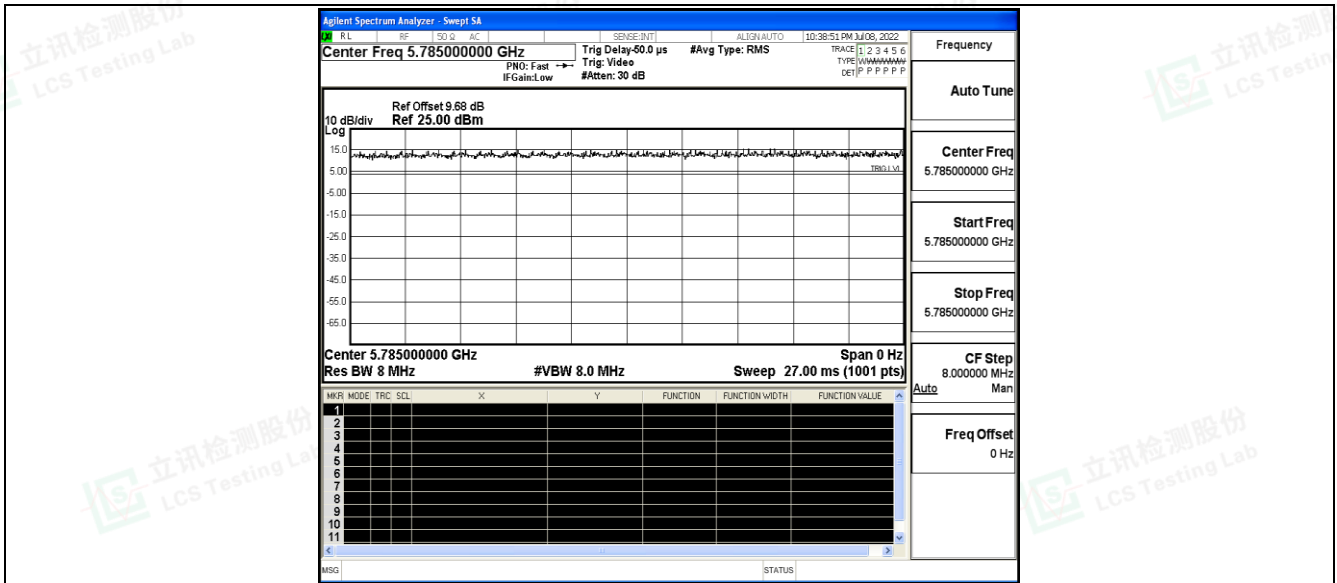


11N20SISO_Ant0_5745

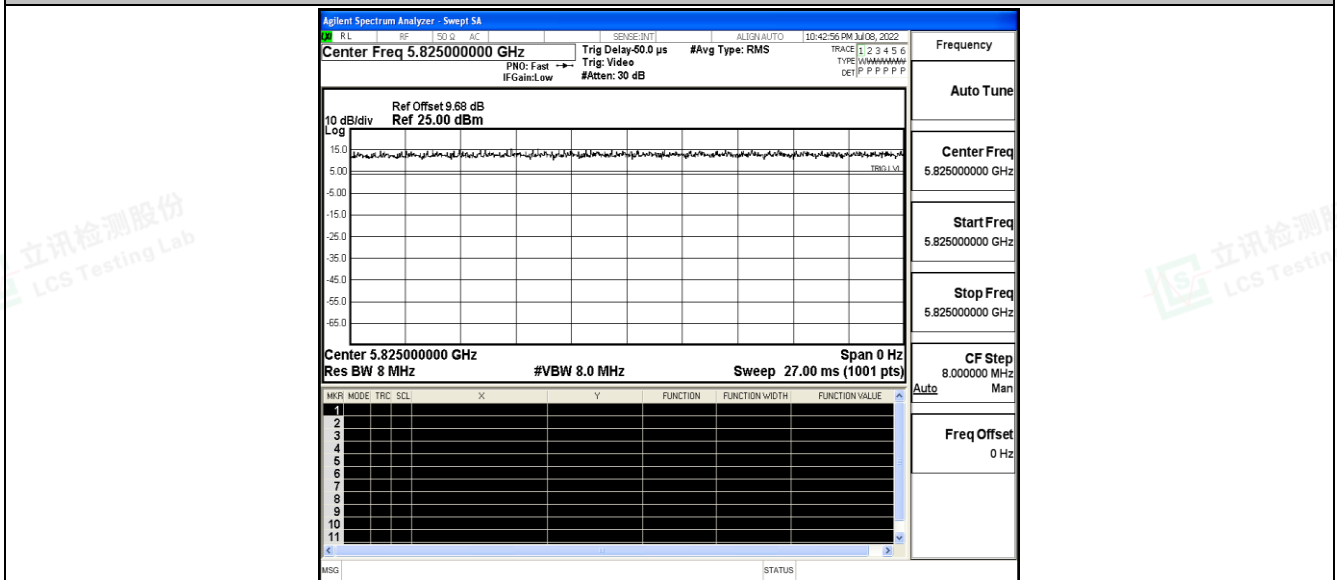


11N20SISO_Ant0_5785



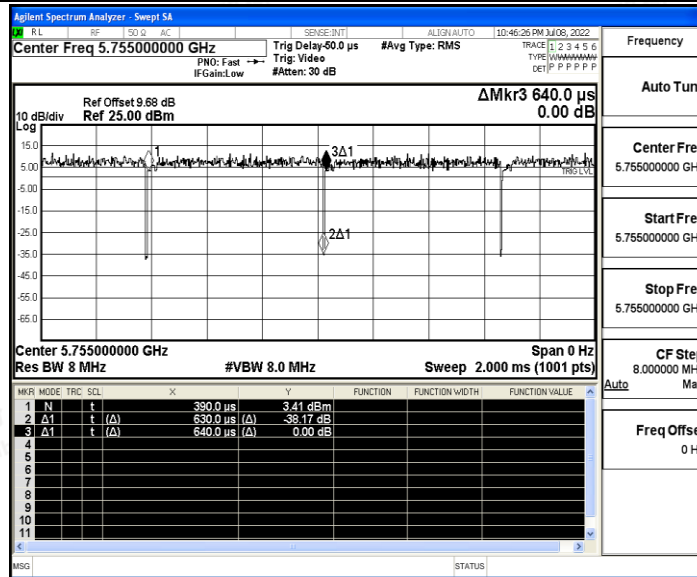


11N20SISO_Ant0_5825

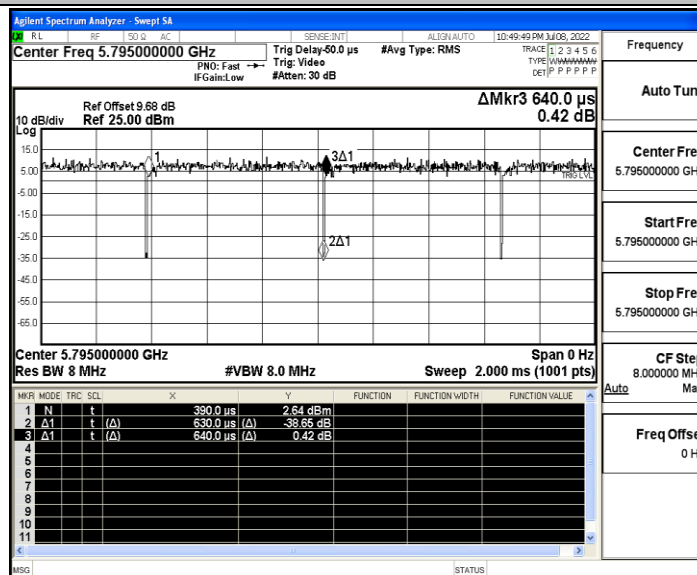


11N40SISO_Ant0_5755



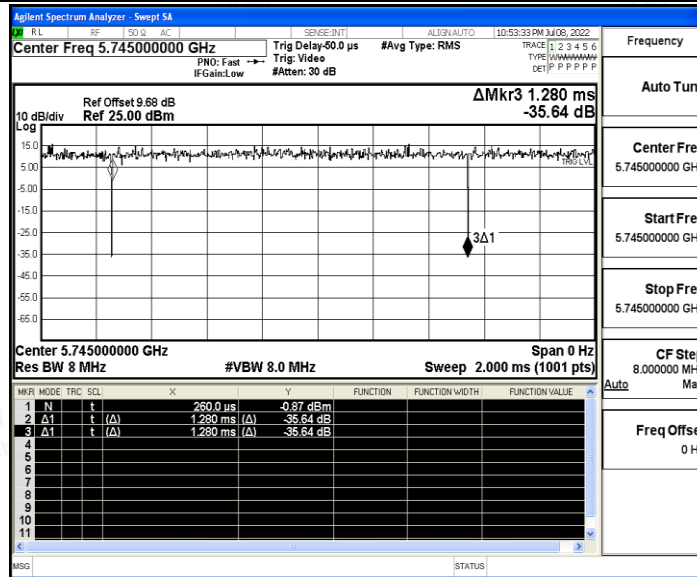


11N40SISO_Ant0_5795

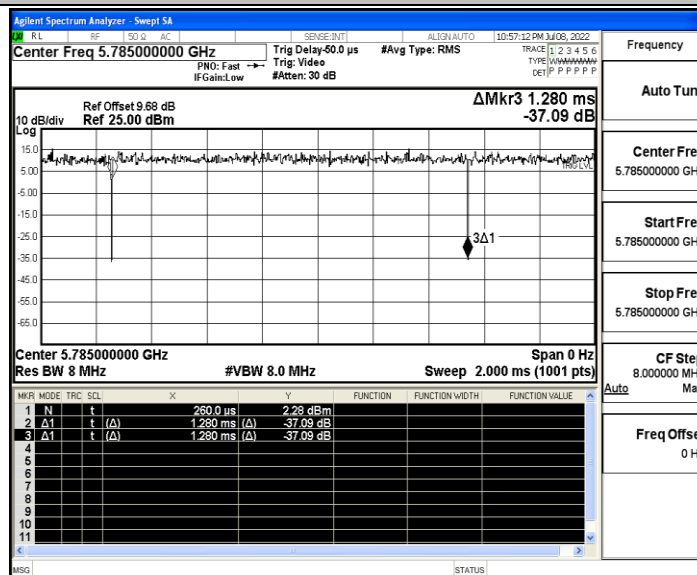


11AC20SISO_Ant0_5745



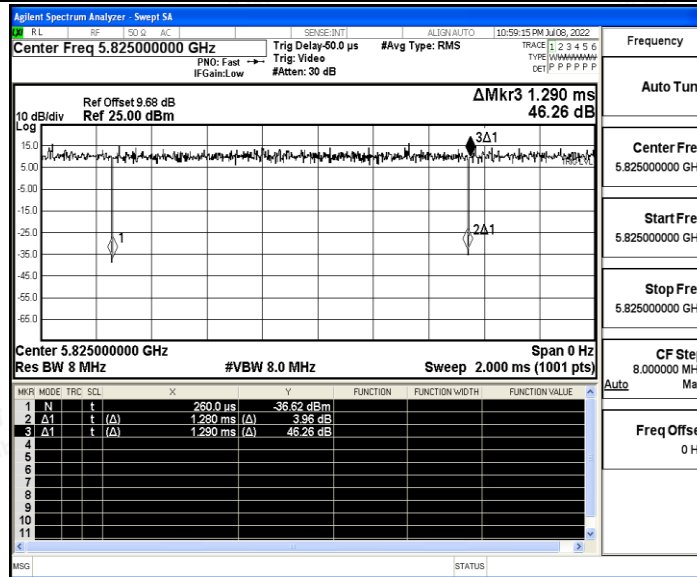


11AC20SISO_Ant0_5785

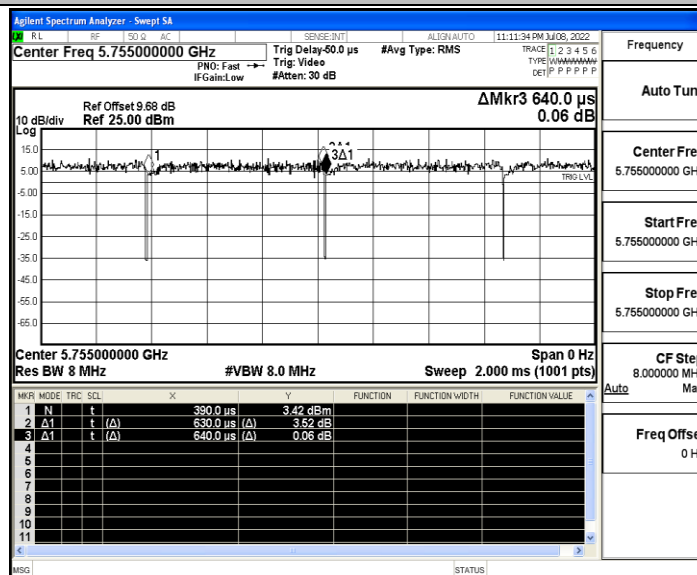


11AC20SISO_Ant0_5825



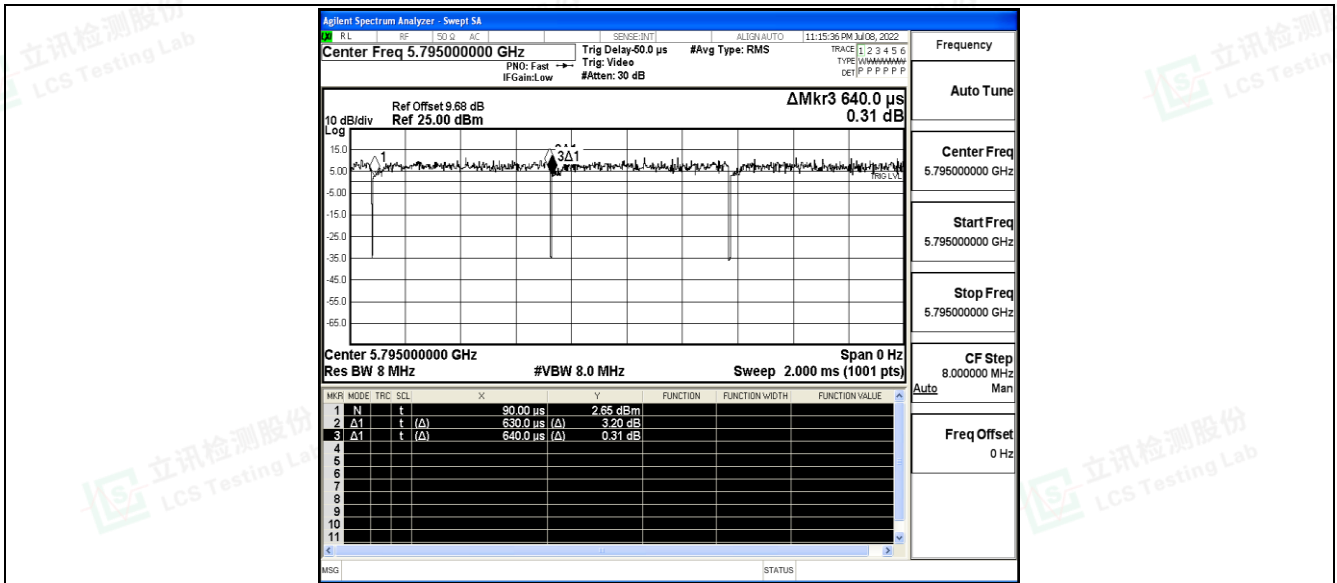


11AC40SISO_Ant0_5755

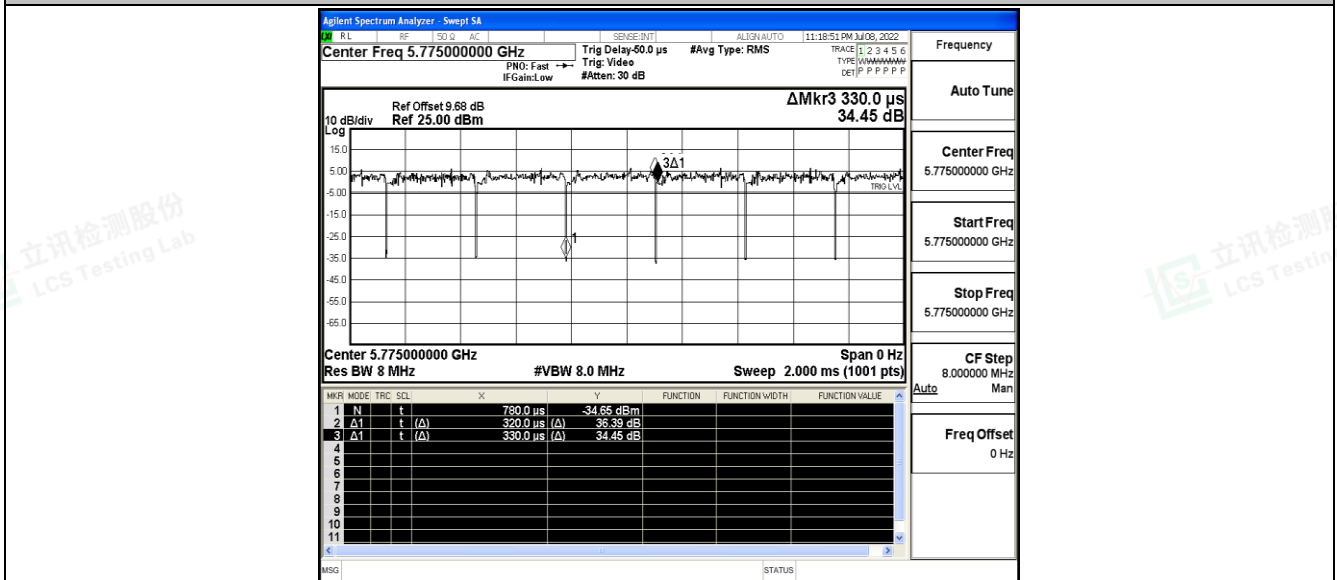


11AC40SISO_Ant0_5795



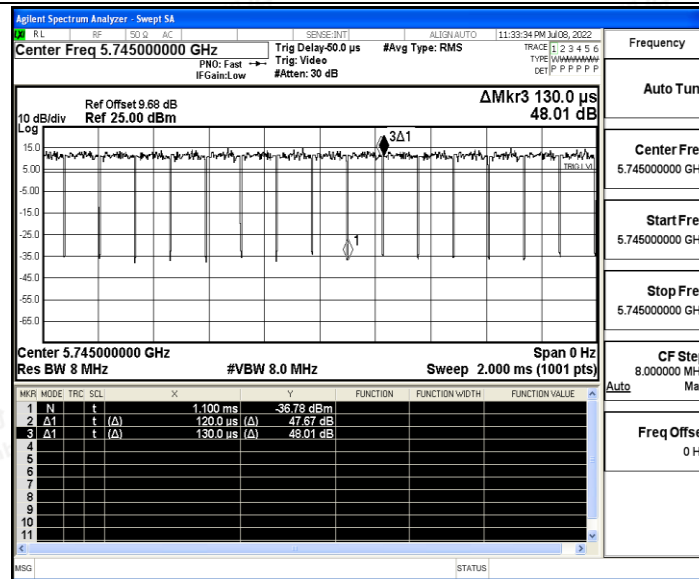


11AC80SISO_Ant0_5775

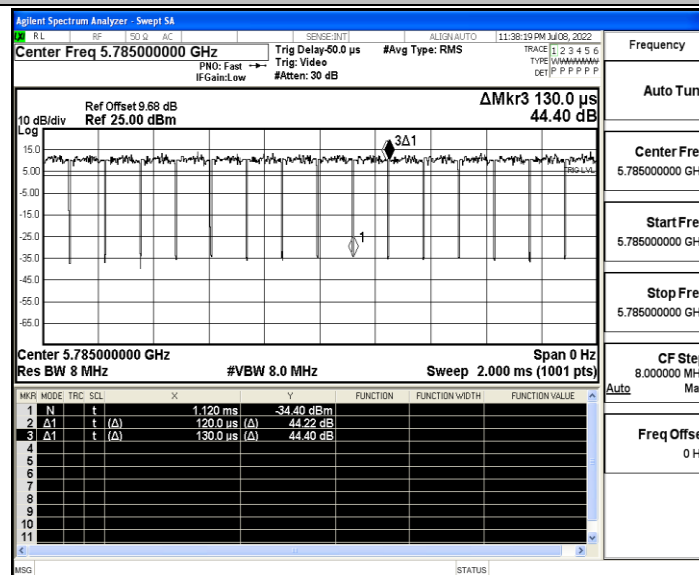


11AX20SISO_Ant0_5745



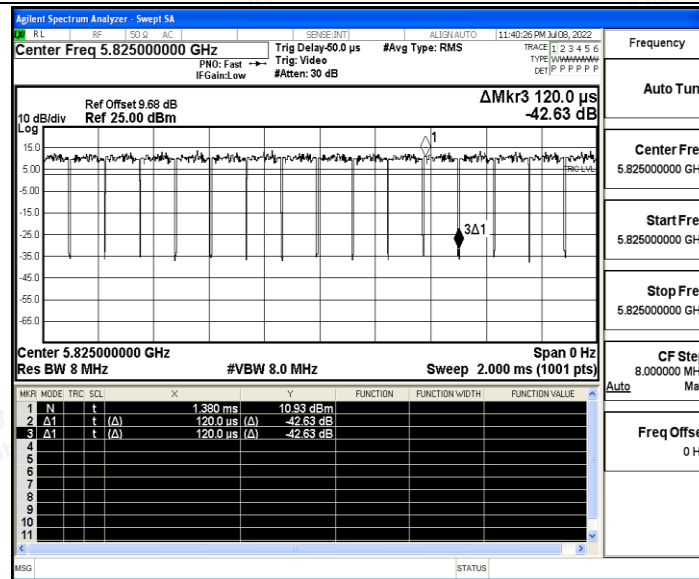


11AX20SISO_Ant0_5785

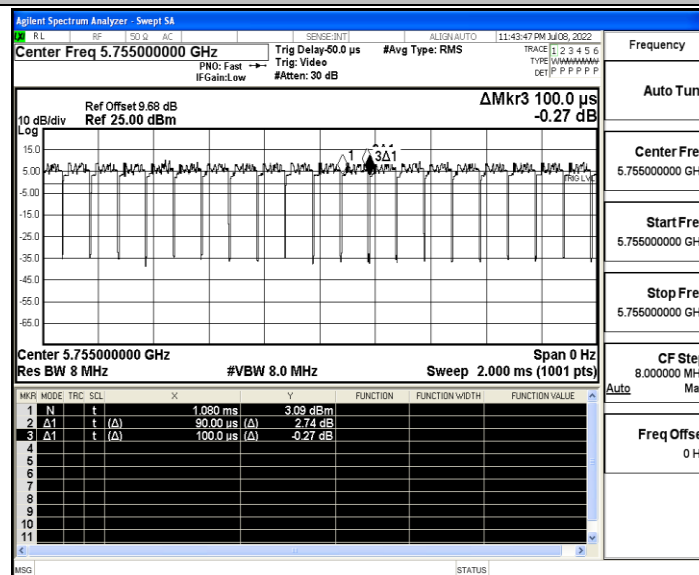


11AX20SISO_Ant0_5825



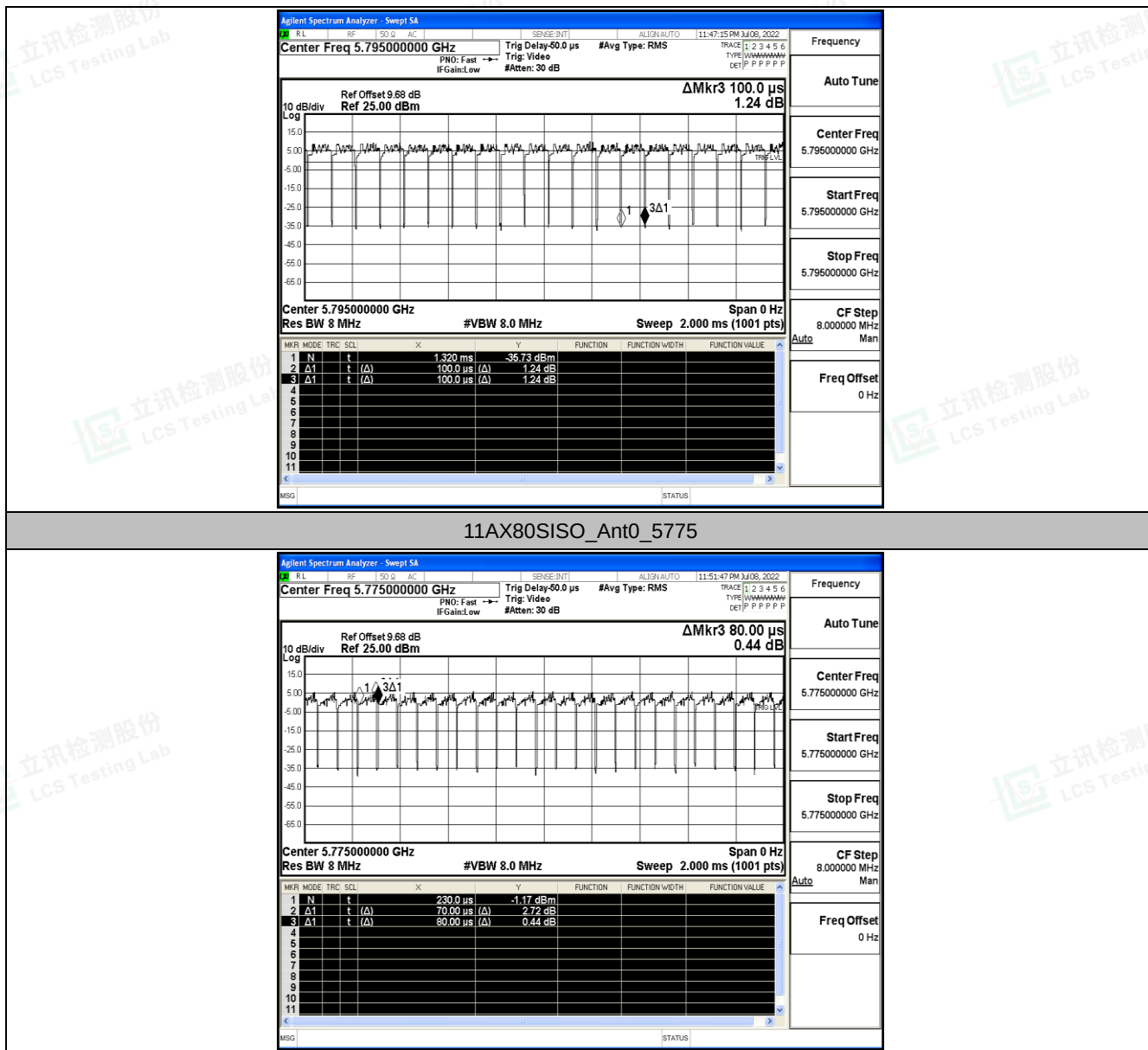


11AX40SISO_Ant0_5755



11AX40SISO_Ant0_5795





**Test Result**

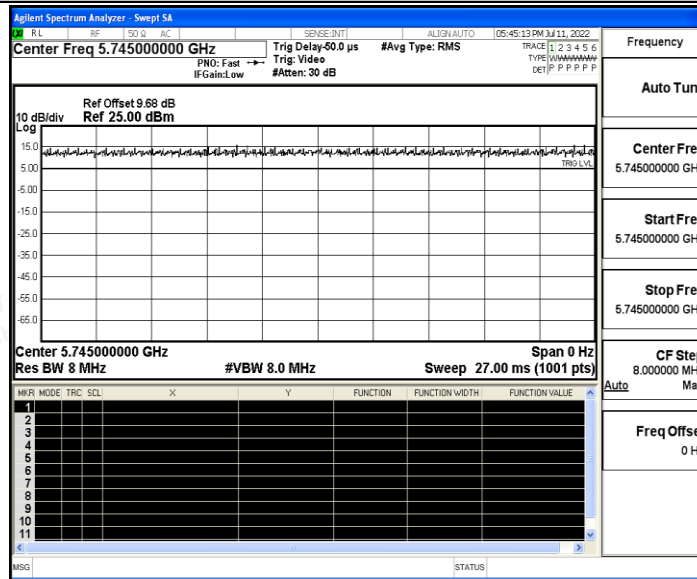
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5745	27.00	27.00	100.00	---	---
		5785	27.00	27.00	100.00	---	---
		5825	27.00	27.00	100.00	---	---
11N20SISO	Ant1	5745	27.00	27.00	100.00	---	---
		5785	27.00	27.00	100.00	---	---
		5825	27.00	27.00	100.00	---	---
11N40SISO	Ant1	5755	0.63	0.64	98.44	---	---
		5795	0.64	0.64	100.00	---	---
11AC20SISO	Ant1	5745	1.28	1.28	100.00	---	---
		5785	1.28	1.28	100.00	---	---
		5825	1.28	1.28	100.00	---	---
11AC40SISO	Ant1	5755	0.64	0.65	98.46	---	---
		5795	0.63	0.64	98.44	---	---
11AC80SISO	Ant1	5775	0.31	0.32	96.88	---	---
11AX20SISO	Ant1	5745	0.98	0.99	98.99	---	---
		5785	0.98	0.99	98.99	---	---
		5825	0.98	0.99	98.99	---	---
11AX40SISO	Ant1	5755	0.52	0.53	98.11	---	---
		5795	0.52	0.53	98.11	---	---
11AX80SISO	Ant1	5775	0.28	0.28	100.00	---	---



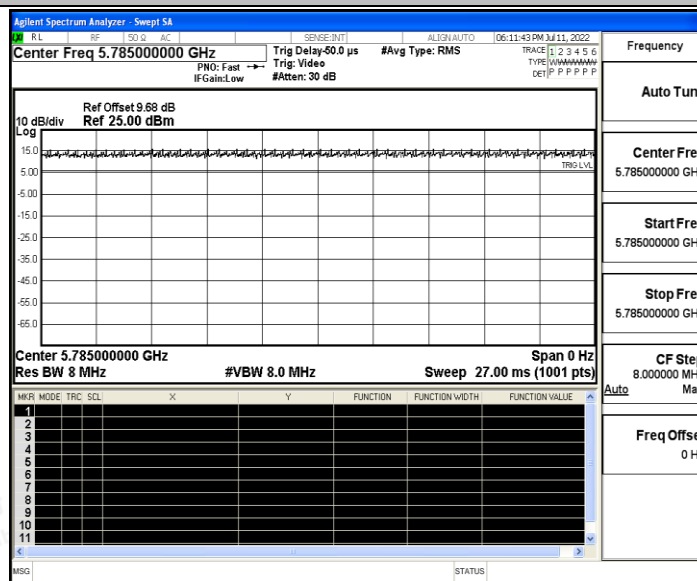


Test Graphs

11A_Ant1_5745

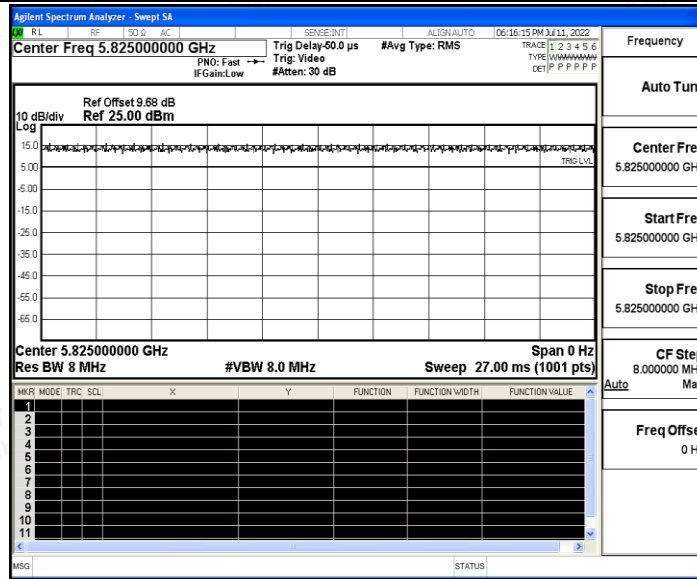


11A_Ant1_5785

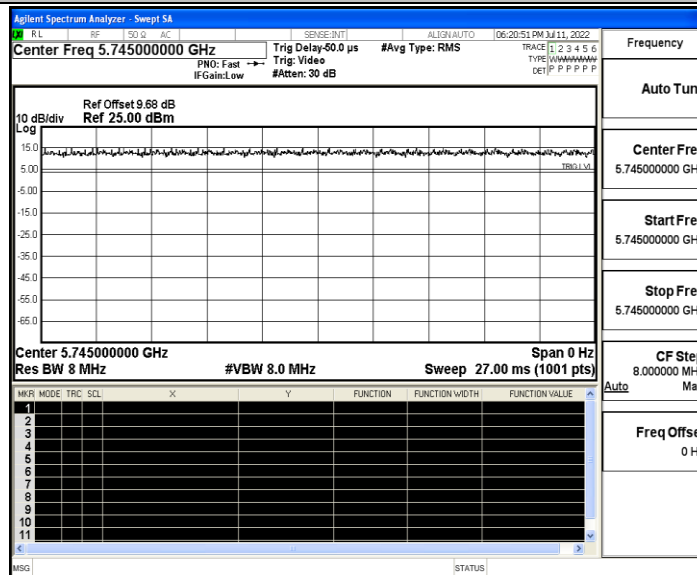


11A_Ant1_5825



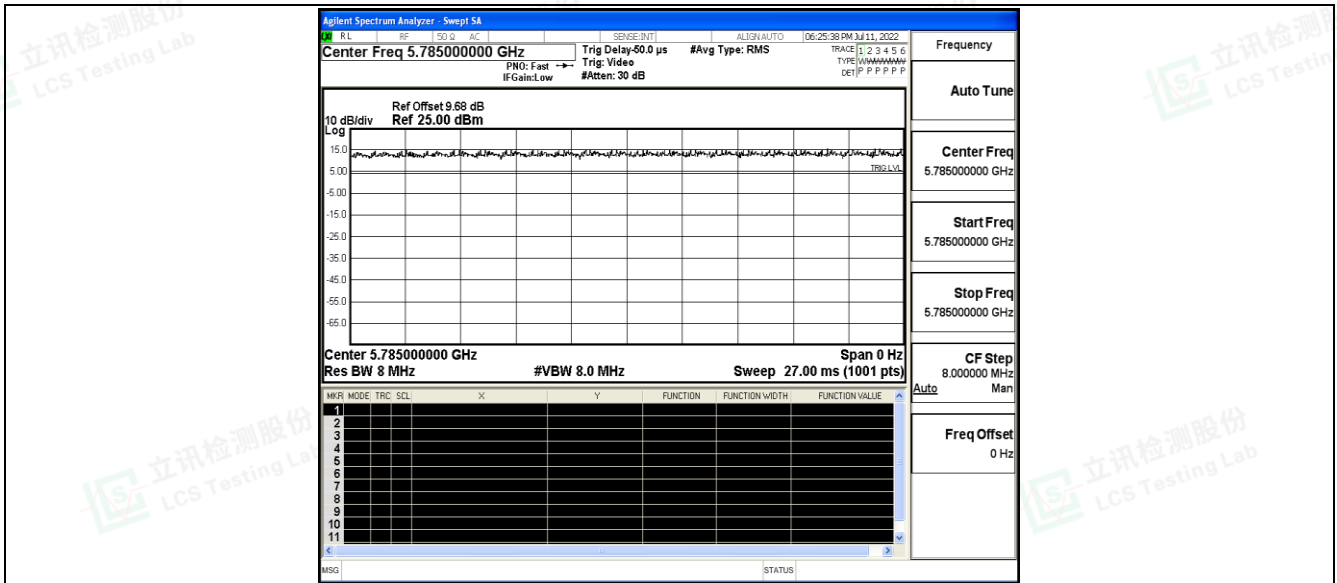


11N20SISO_Ant1_5745

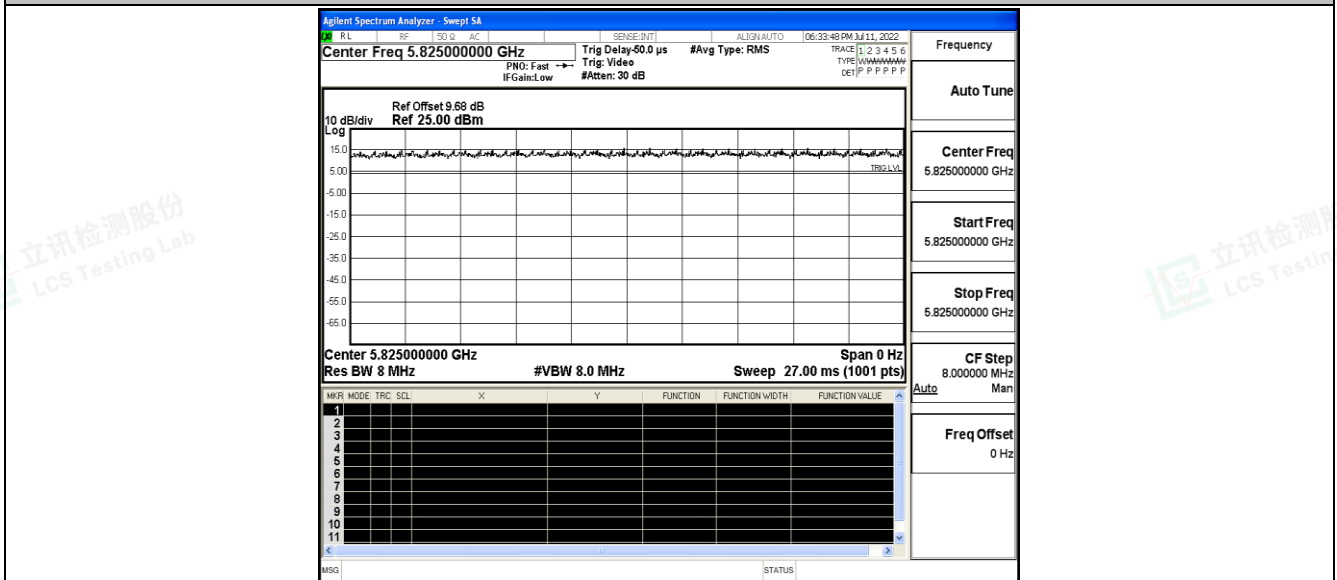


11N20SISO_Ant1_5785



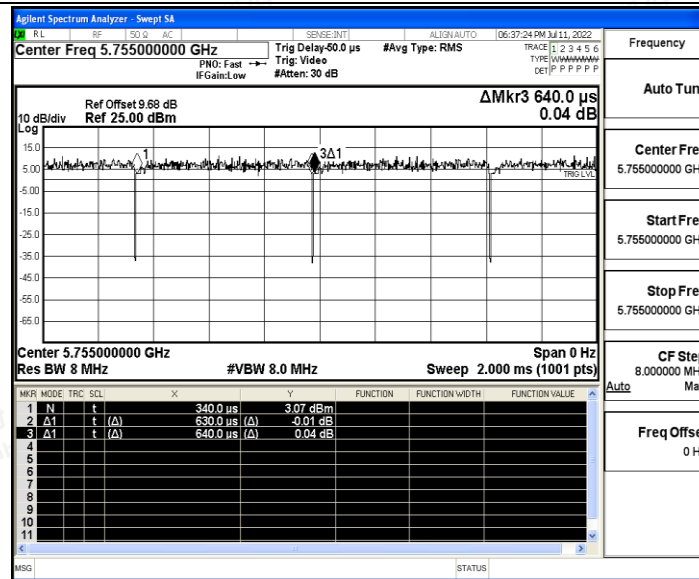


11N20SISO_Ant1_5825

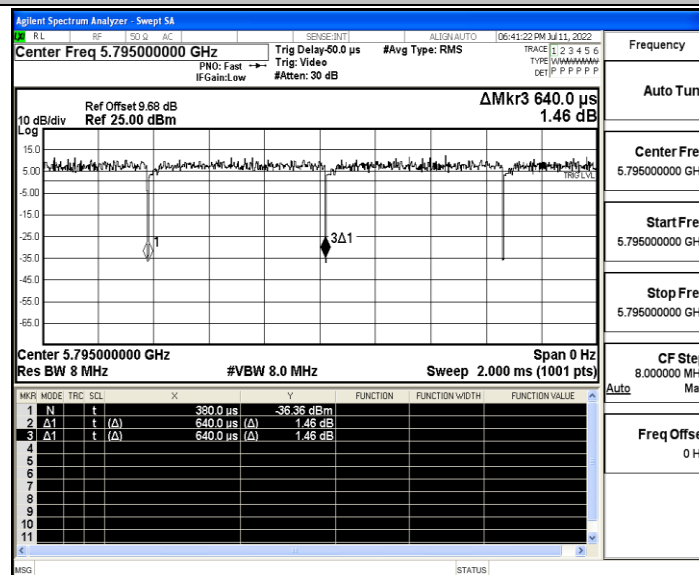


11N40SISO_Ant1_5755



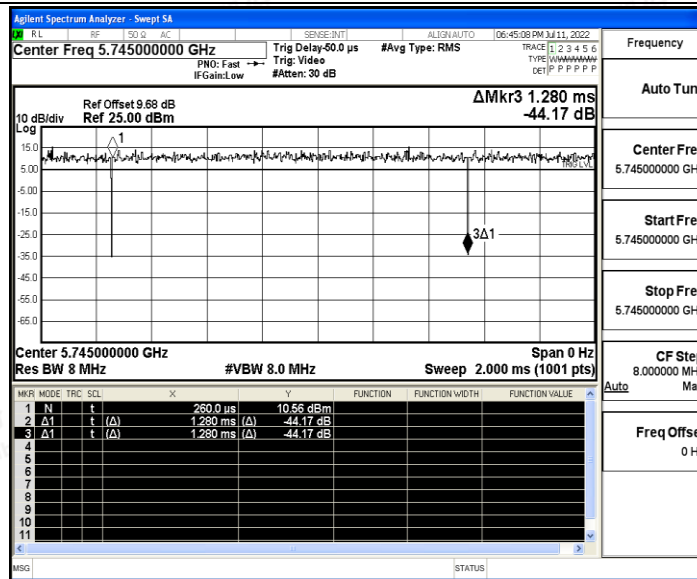


11N40SISO_Ant1_5795

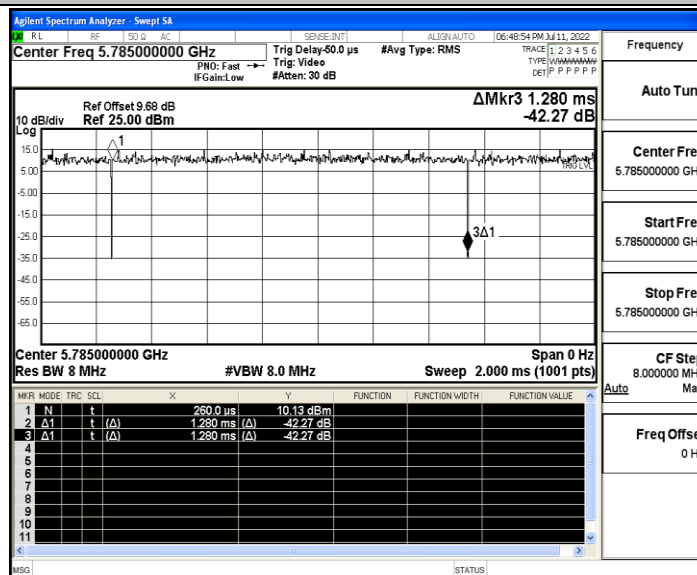


11AC20SISO_Ant1_5745



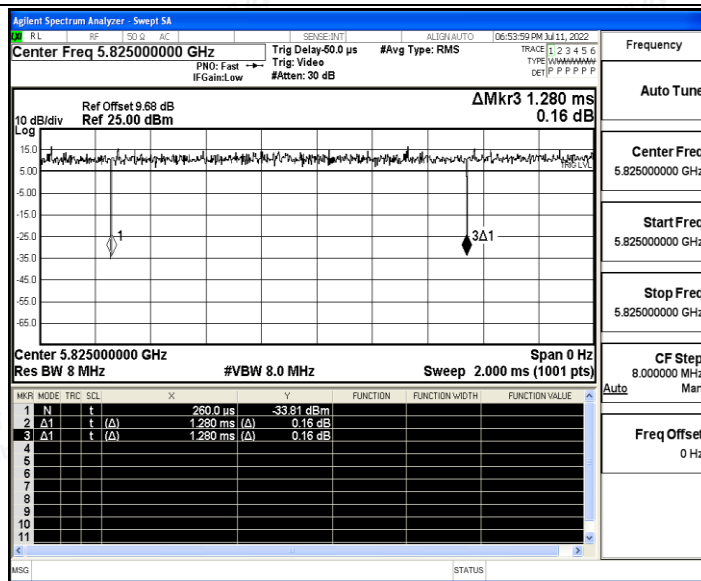


11AC20SISO_Ant1_5785

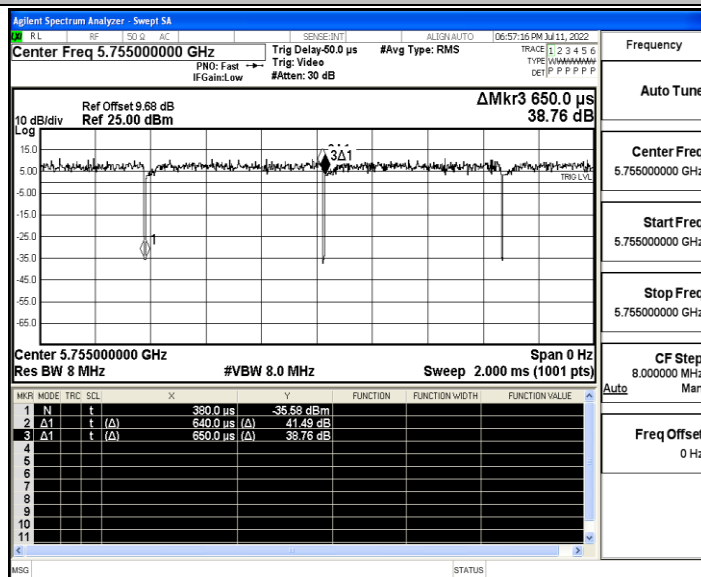


11AC20SISO_Ant1_5825



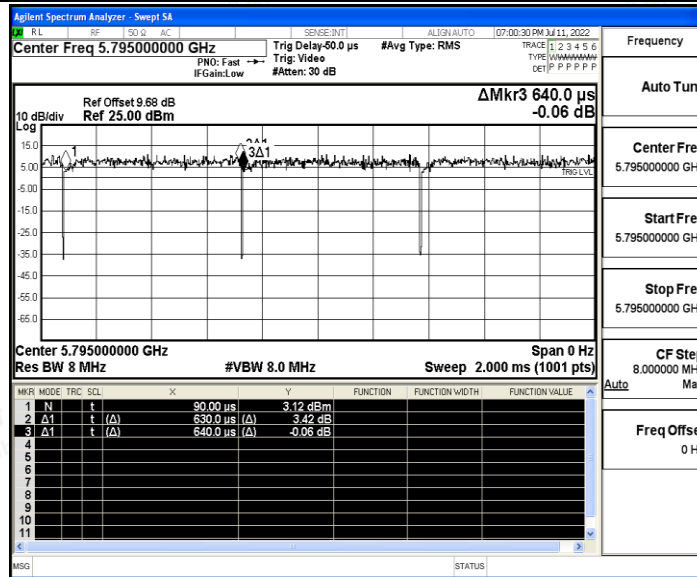


11AC40SISO_Ant1_5755

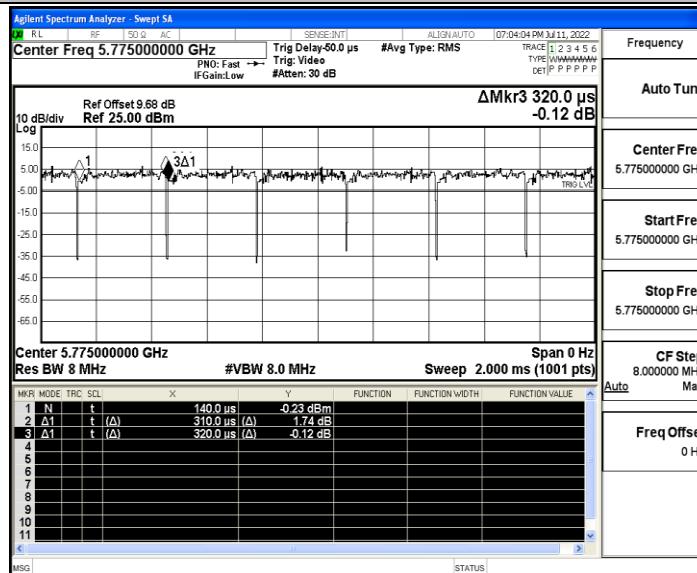


11AC40SISO_Ant1_5795



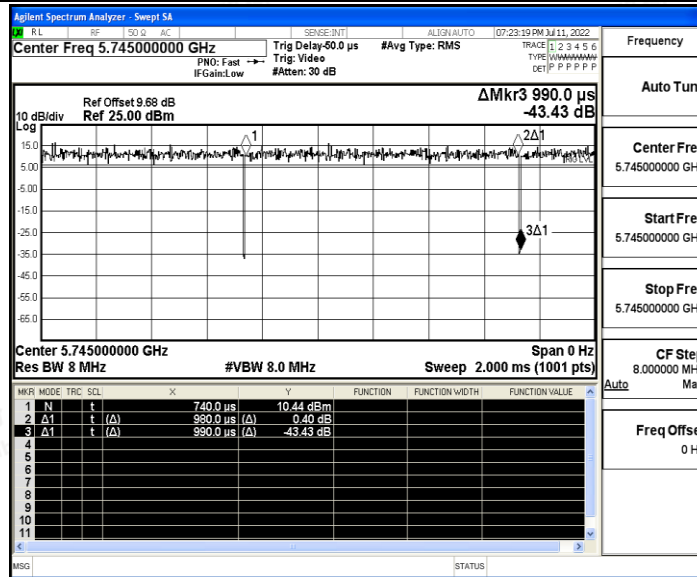


11AC80SISO_Ant1_5775

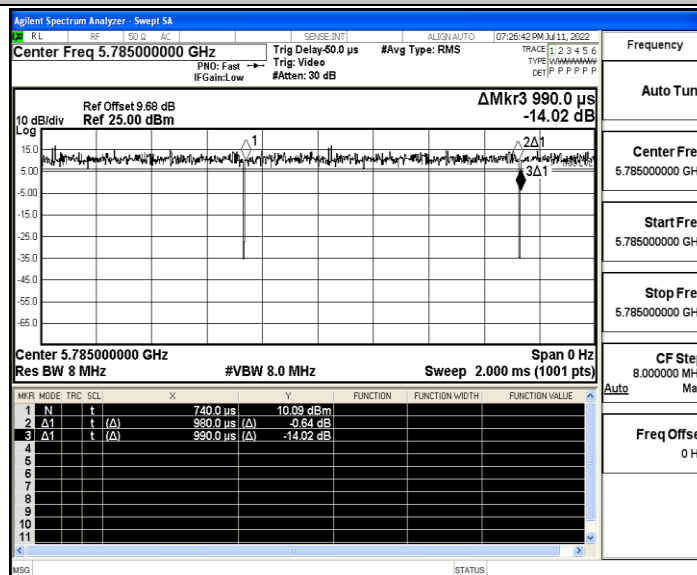


11AX20SISO_Ant1_5745



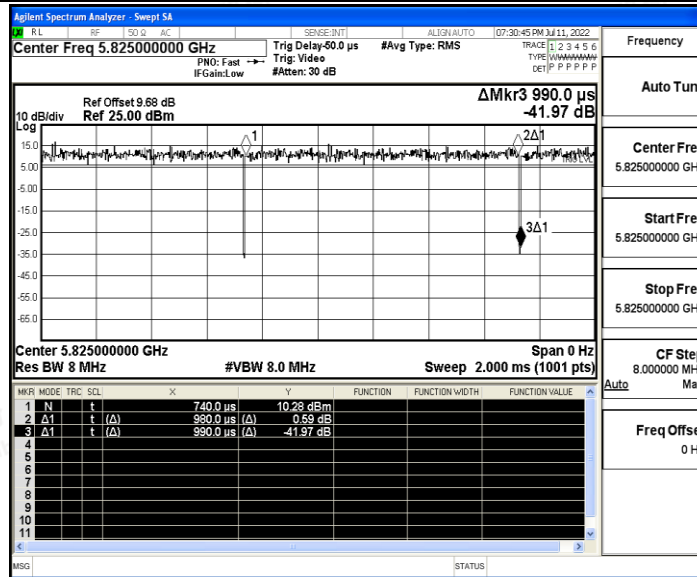


11AX20SISO_Ant1_5785

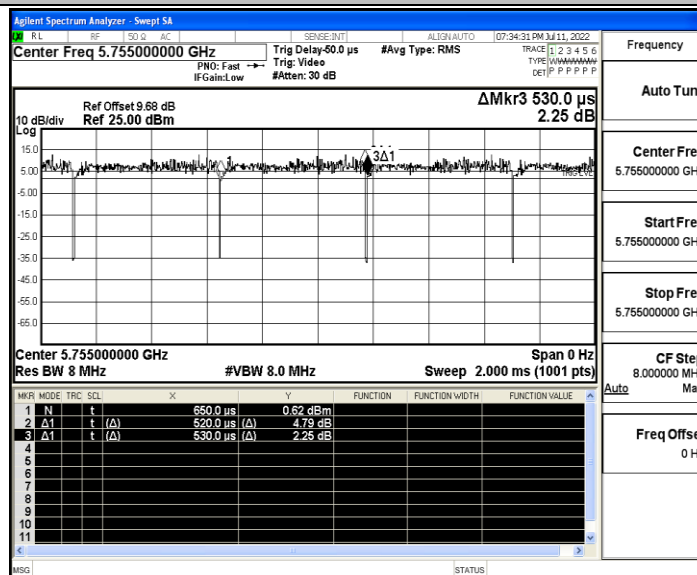


11AX20SISO_Ant1_5825



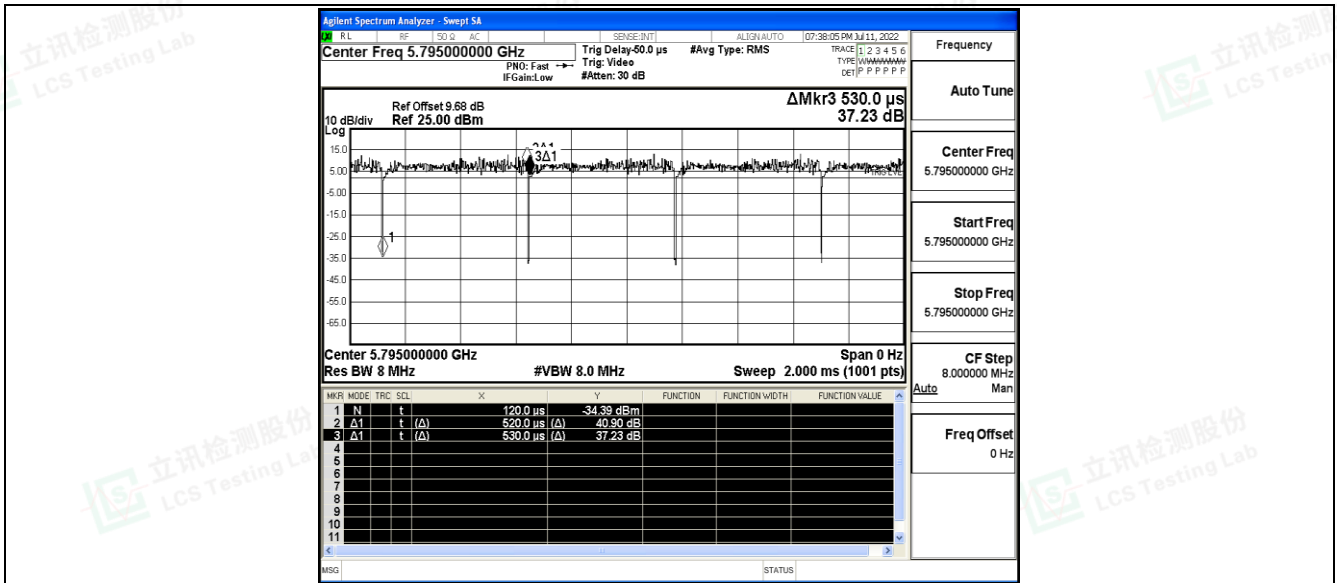


11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795





11AX80SISO_Ant1_5775

