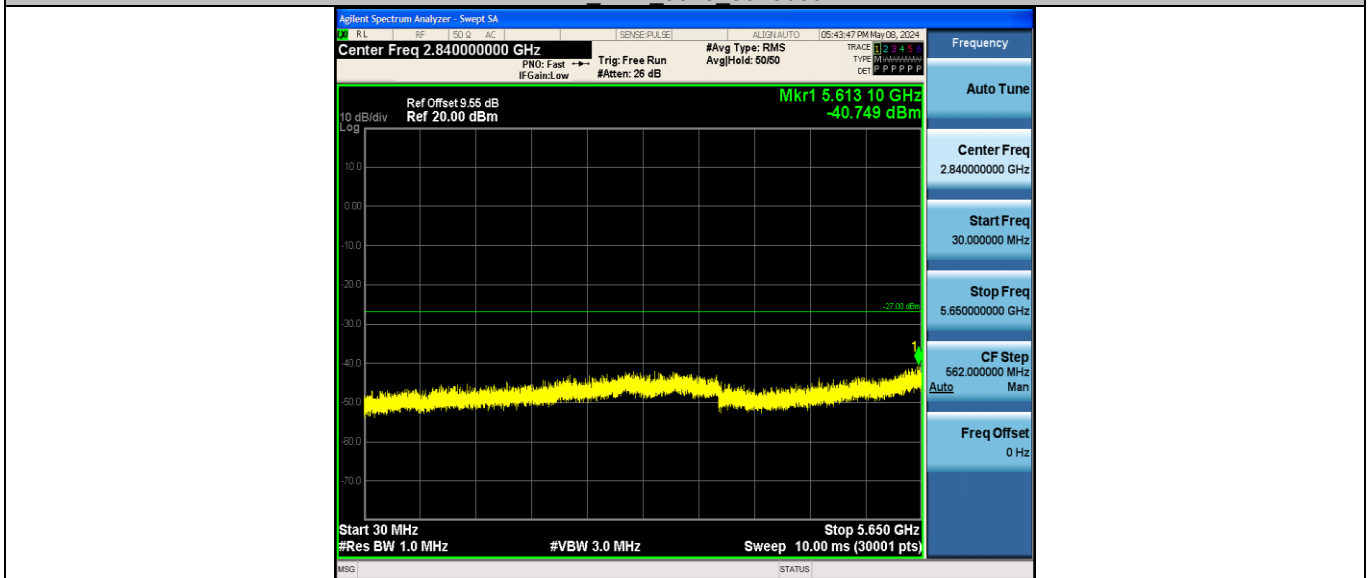
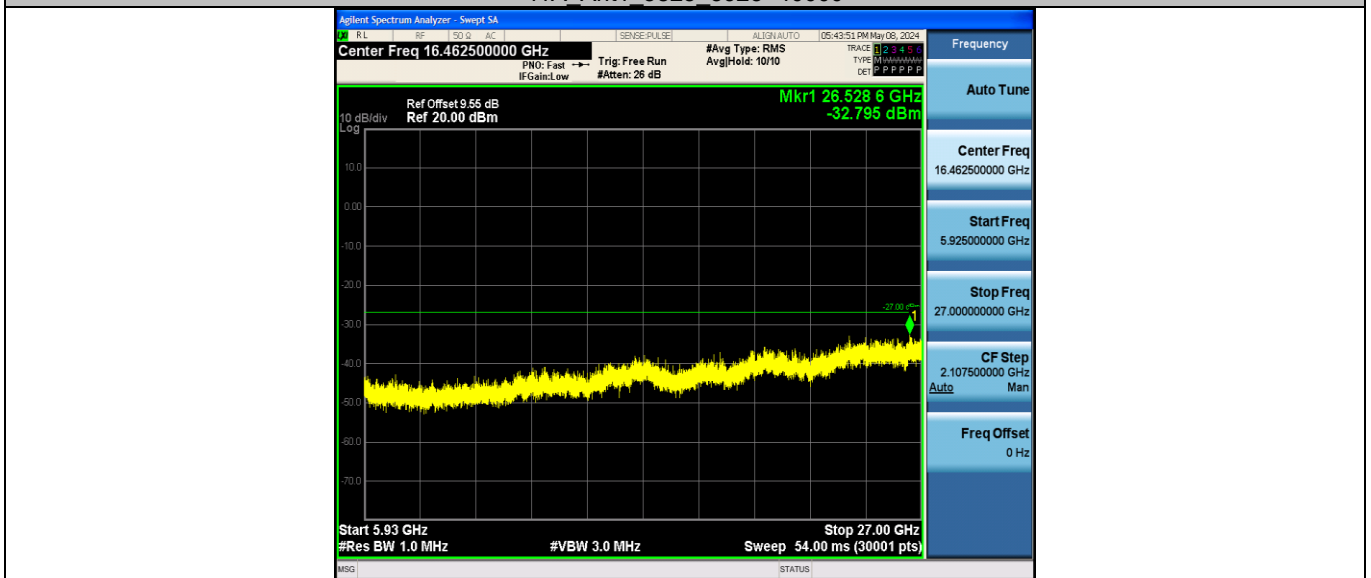


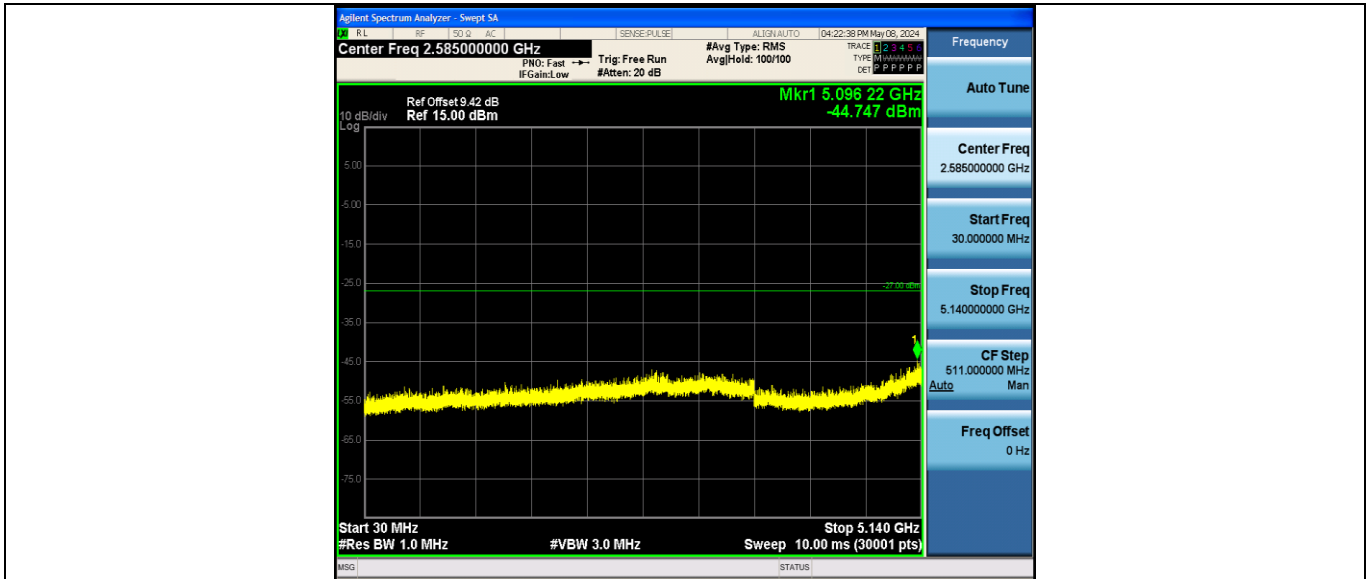
11A Ant1\_5825\_30~5650



11A Ant1\_5825\_5925~40000



11N20SISO\_Ant1\_5180\_30~5140



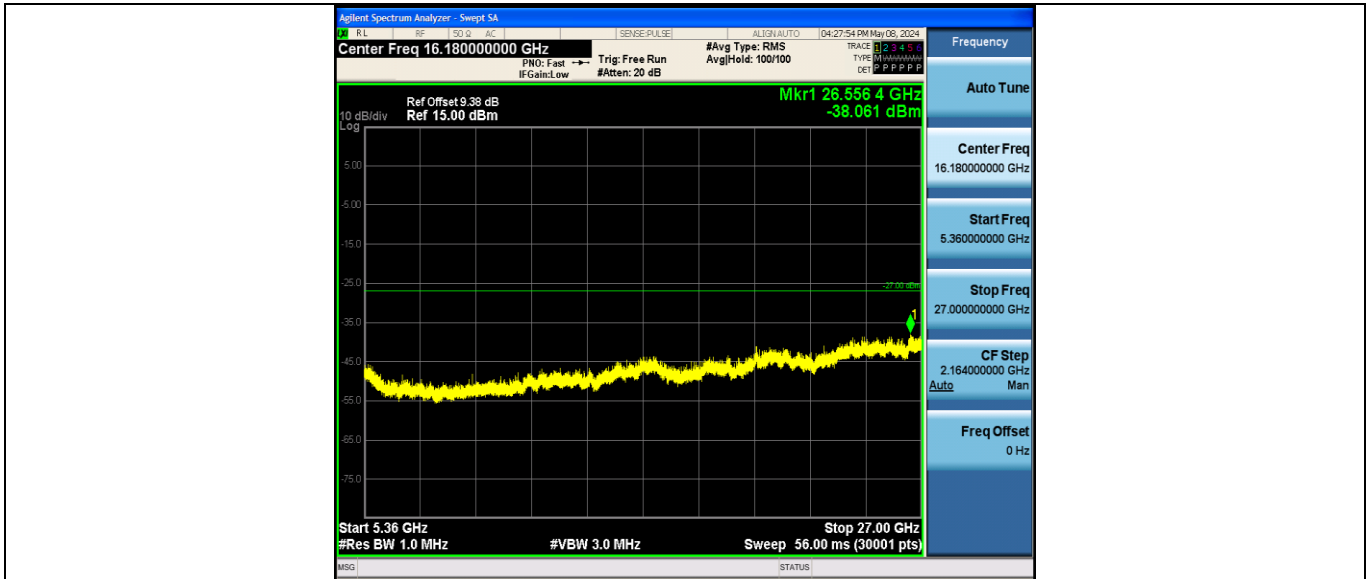
11N20SISO Ant1 5180 5360~40000



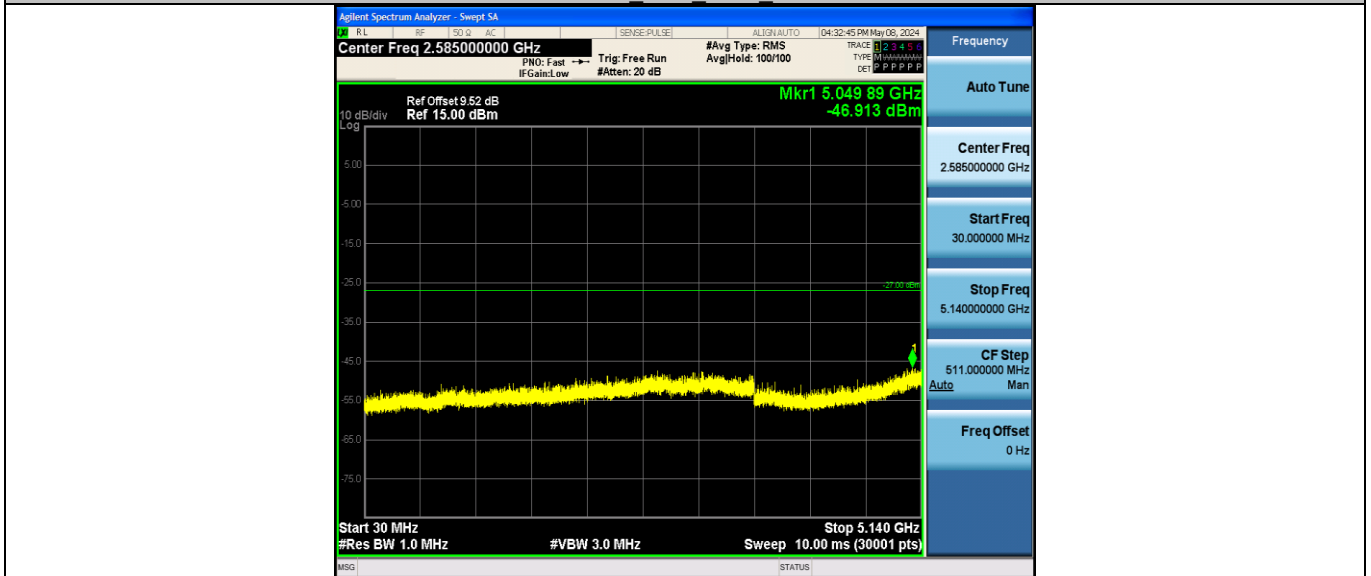
11N20SISO Ant1 5200 30~5140



11N20SISO Ant1 5200 5360~40000



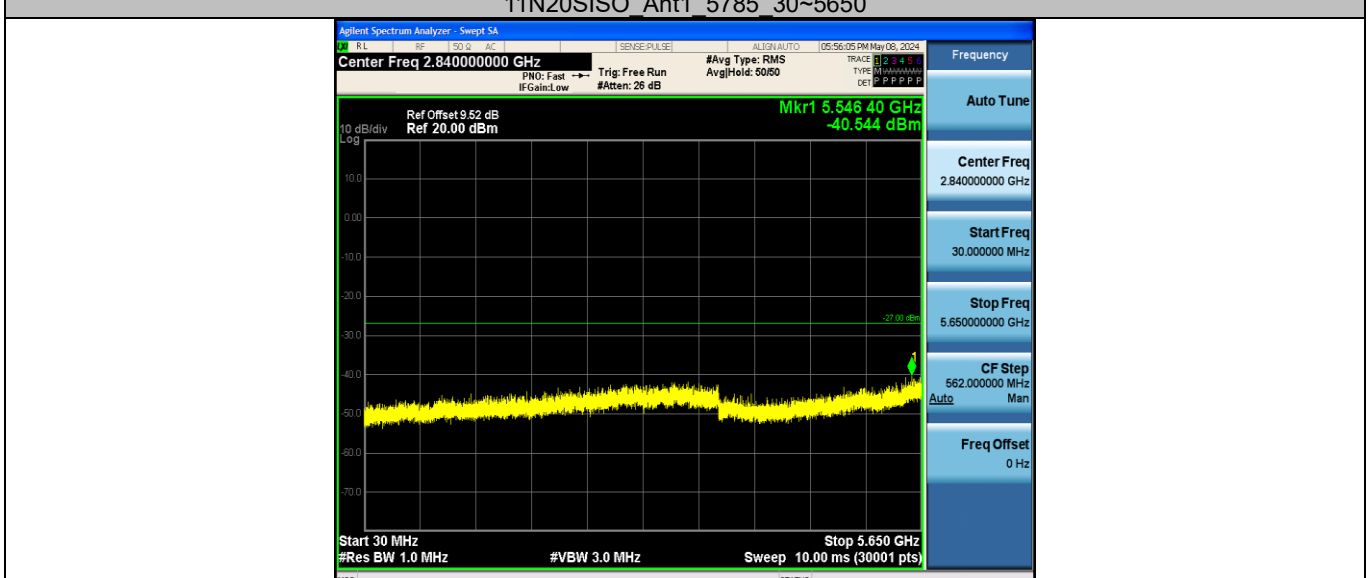
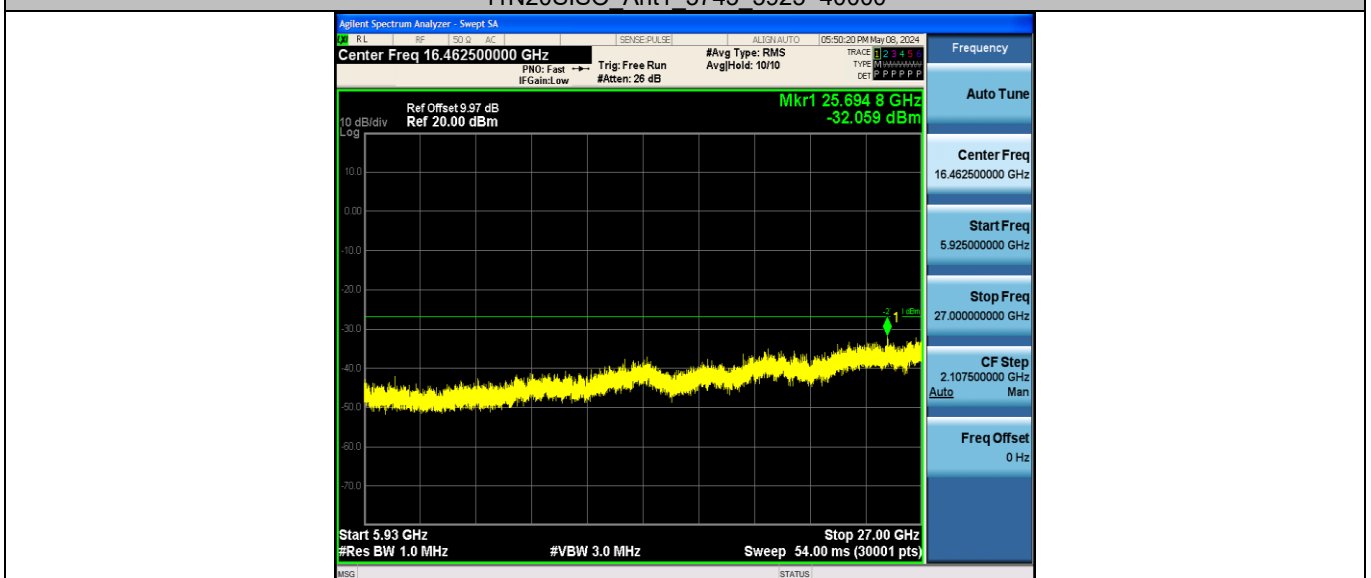
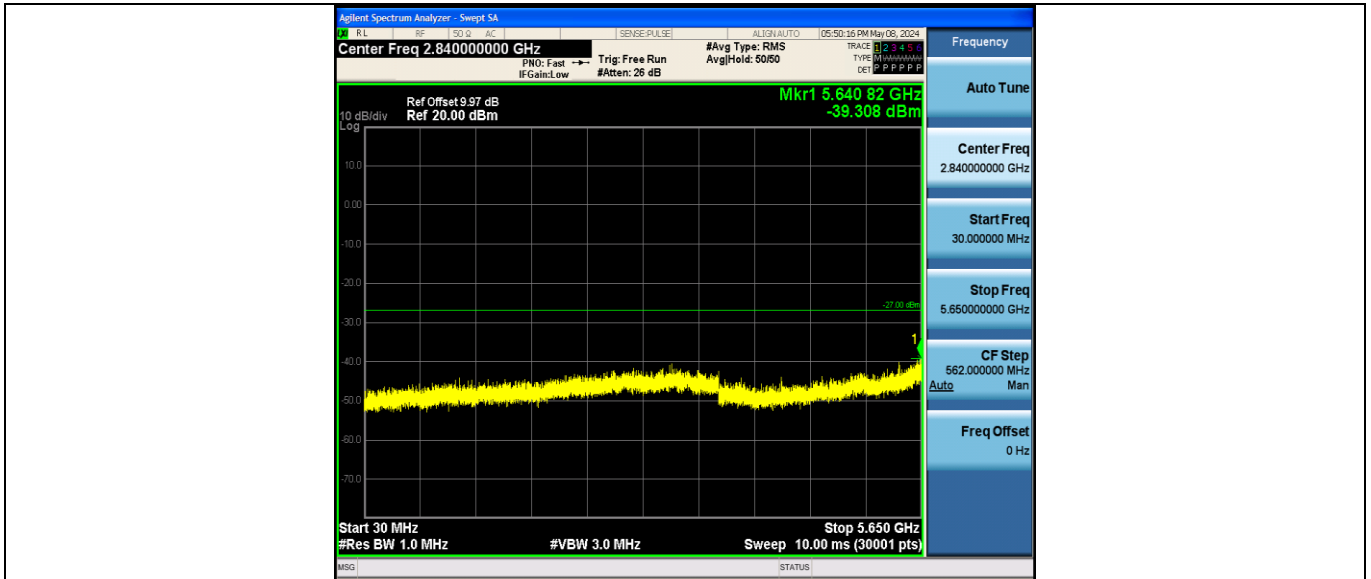
11N20SISO Ant1 5240\_30~5140

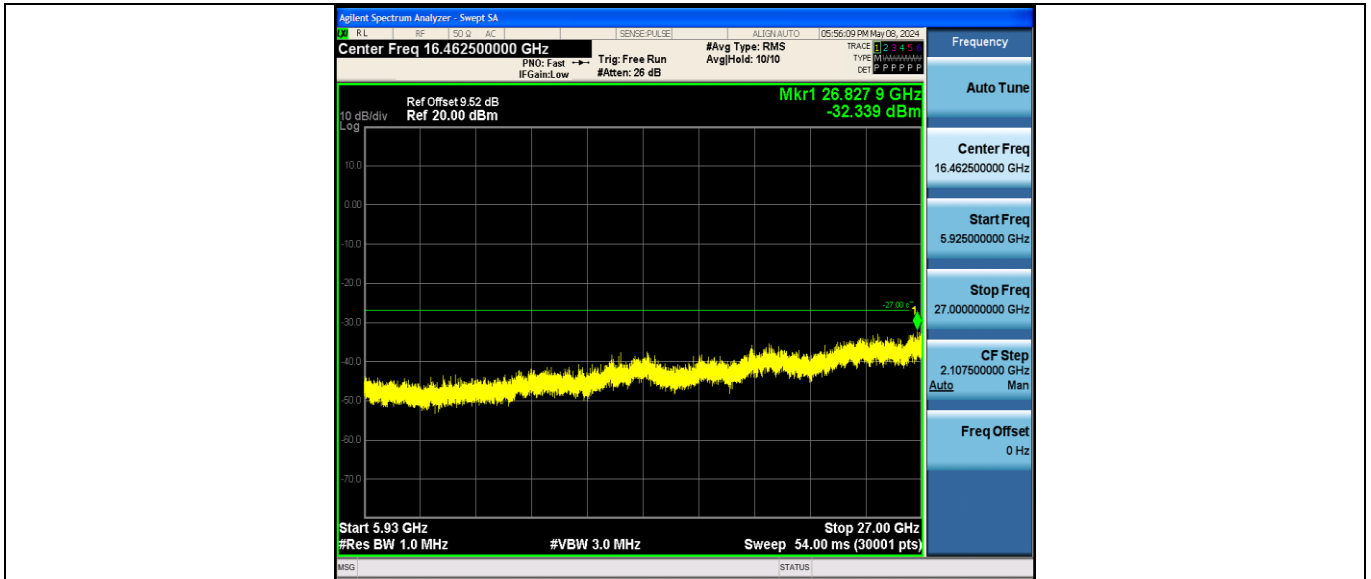


11N20SISO Ant1 5240\_5360~40000

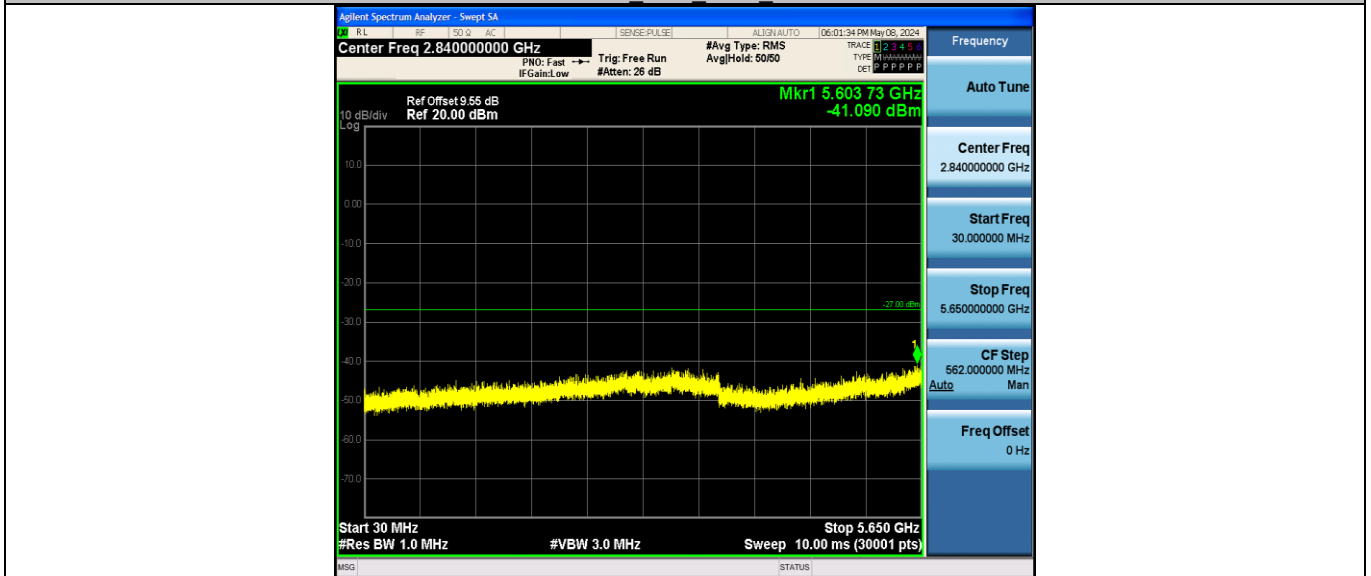


11N20SISO Ant1 5745\_30~5650

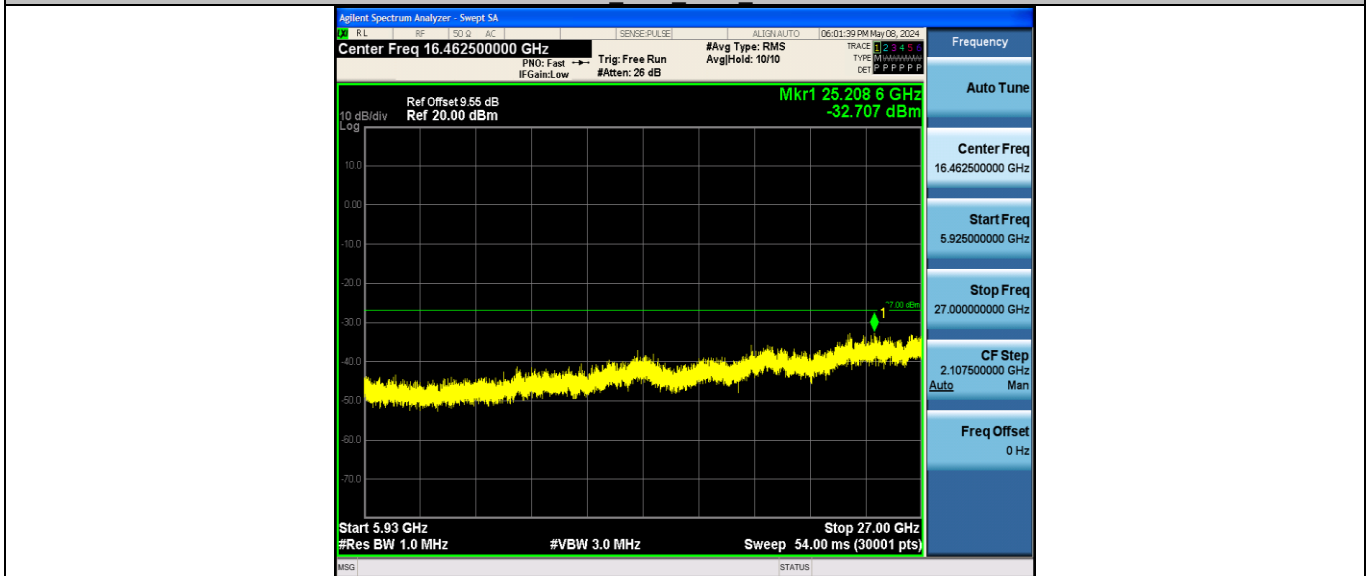




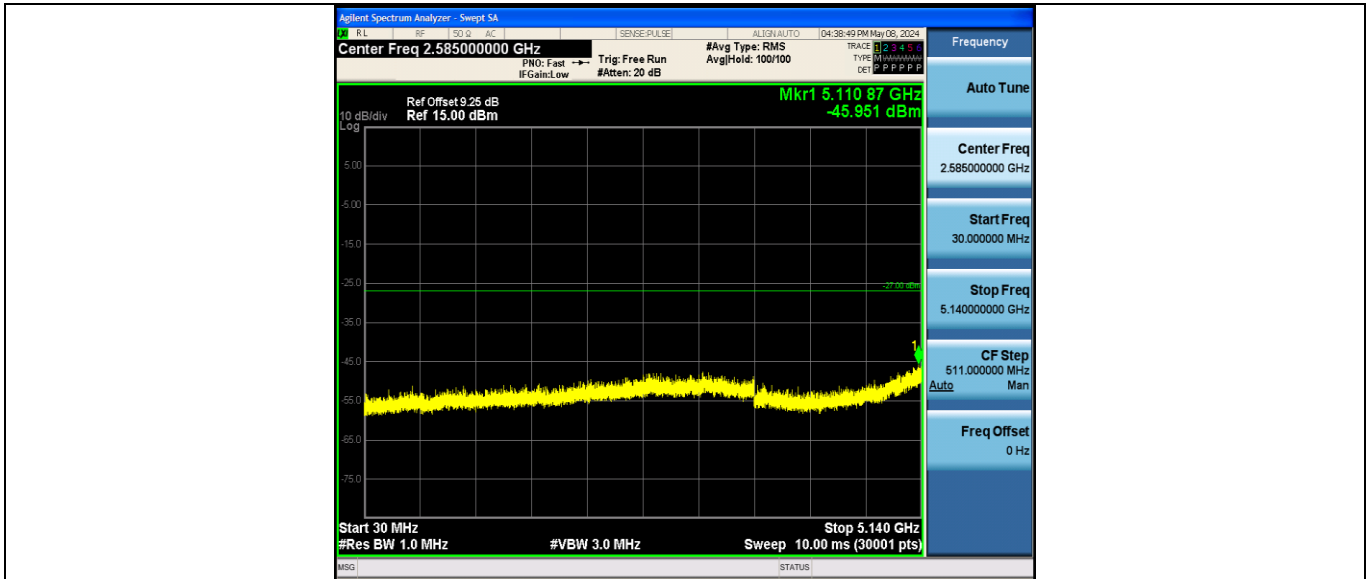
11N20SISO Ant1 5825\_30~5650



11N20SISO Ant1 5825\_5925~40000



11N40SISO Ant1 5190\_30~5140



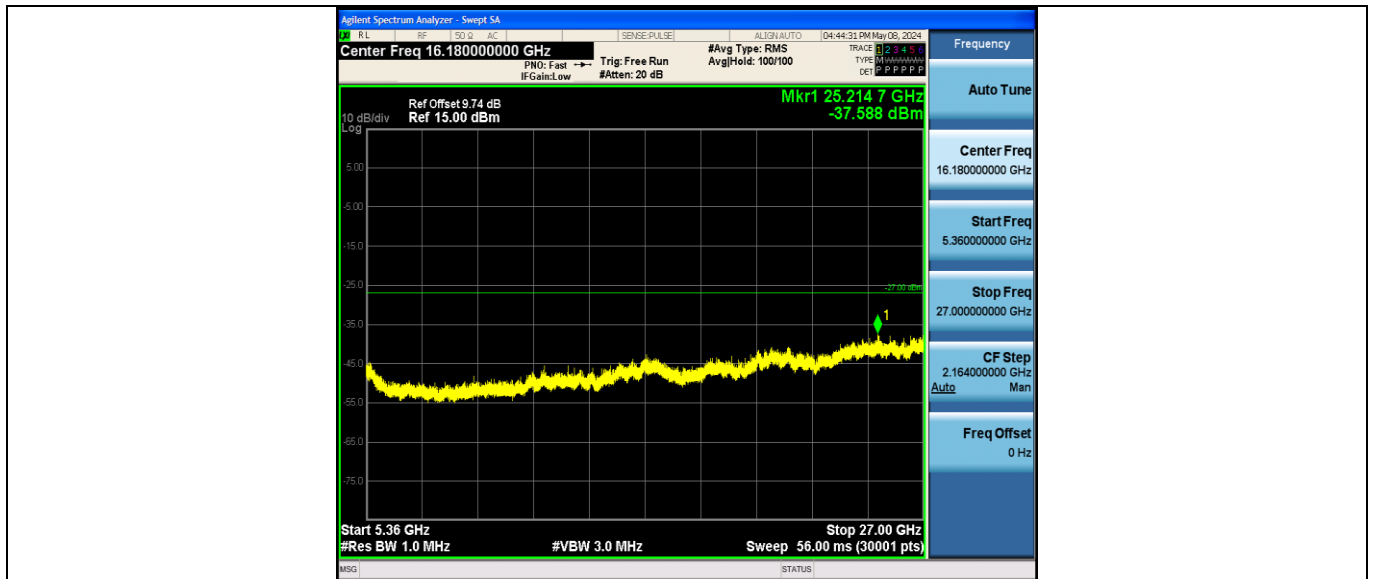
11N40SISO Ant1 5190 5360~40000



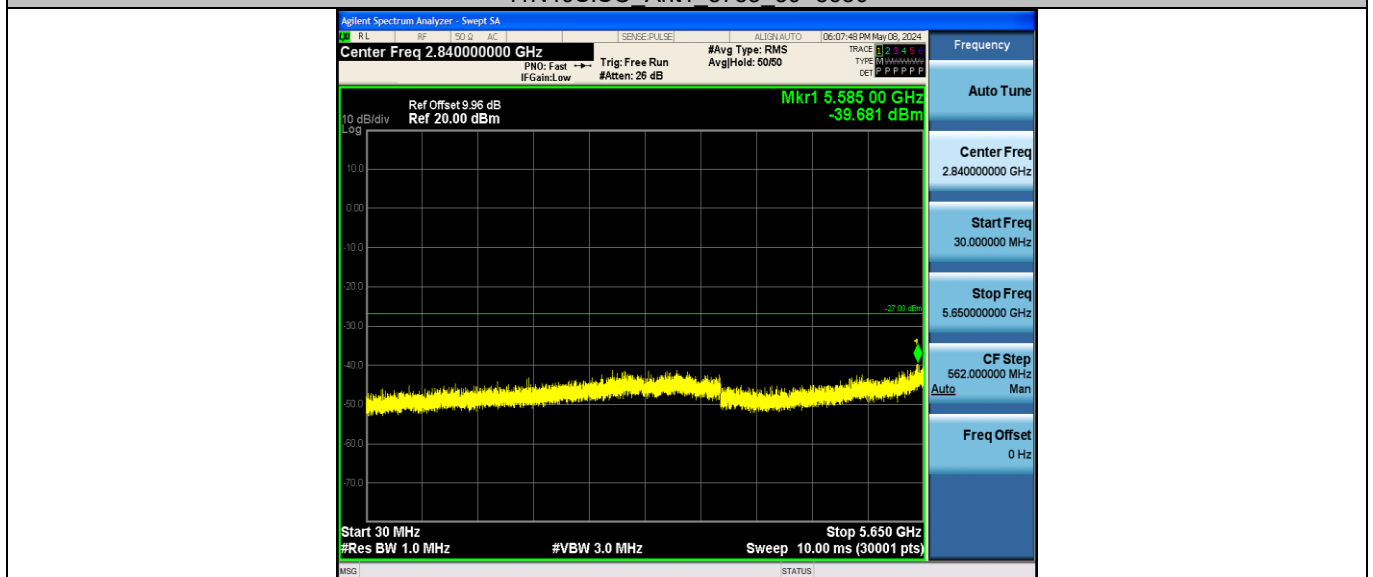
11N40SISO Ant1 5230 30~5140



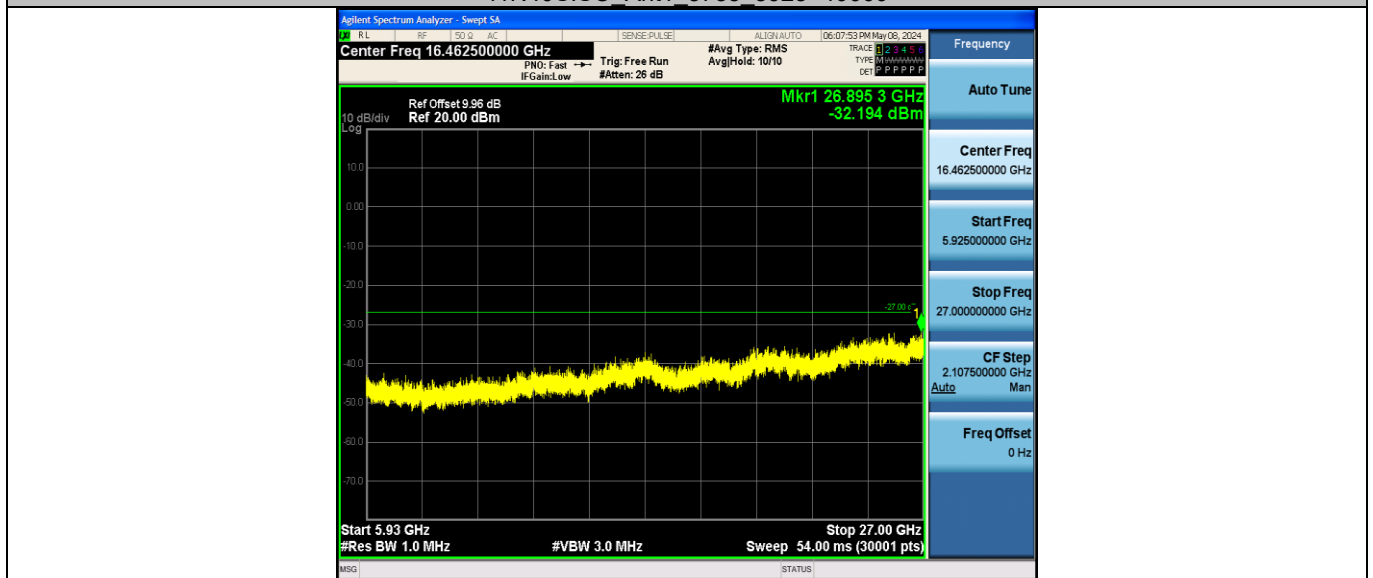
11N40SISO Ant1 5230 5360~40000



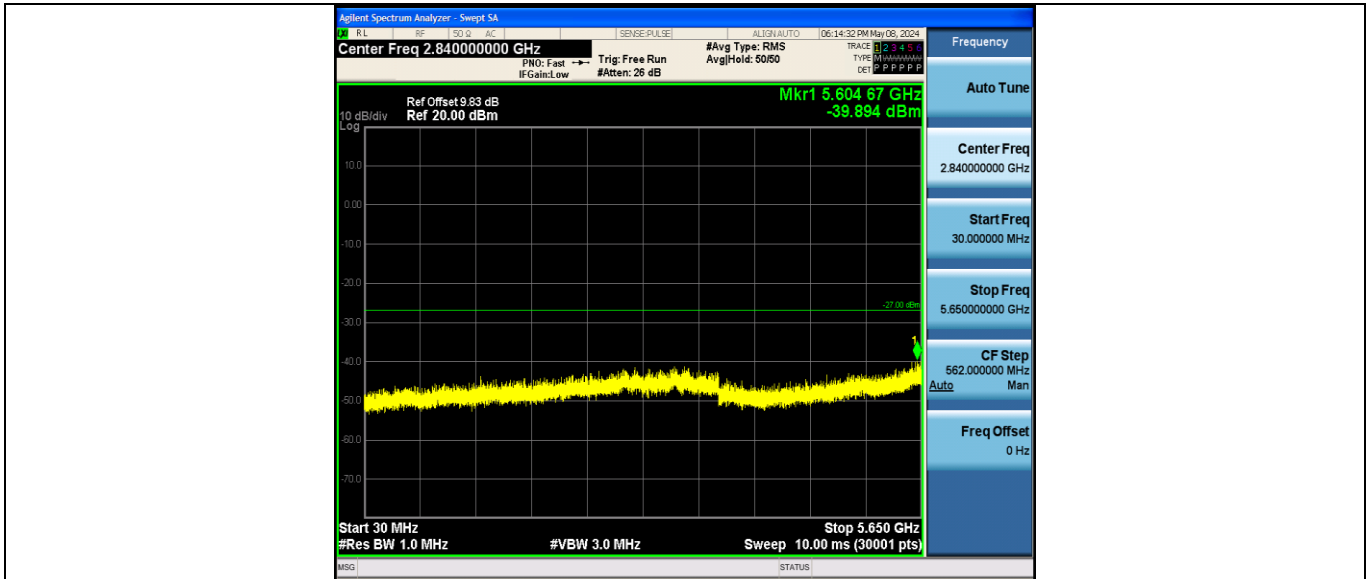
11N40SISO Ant1 5755\_30~5650



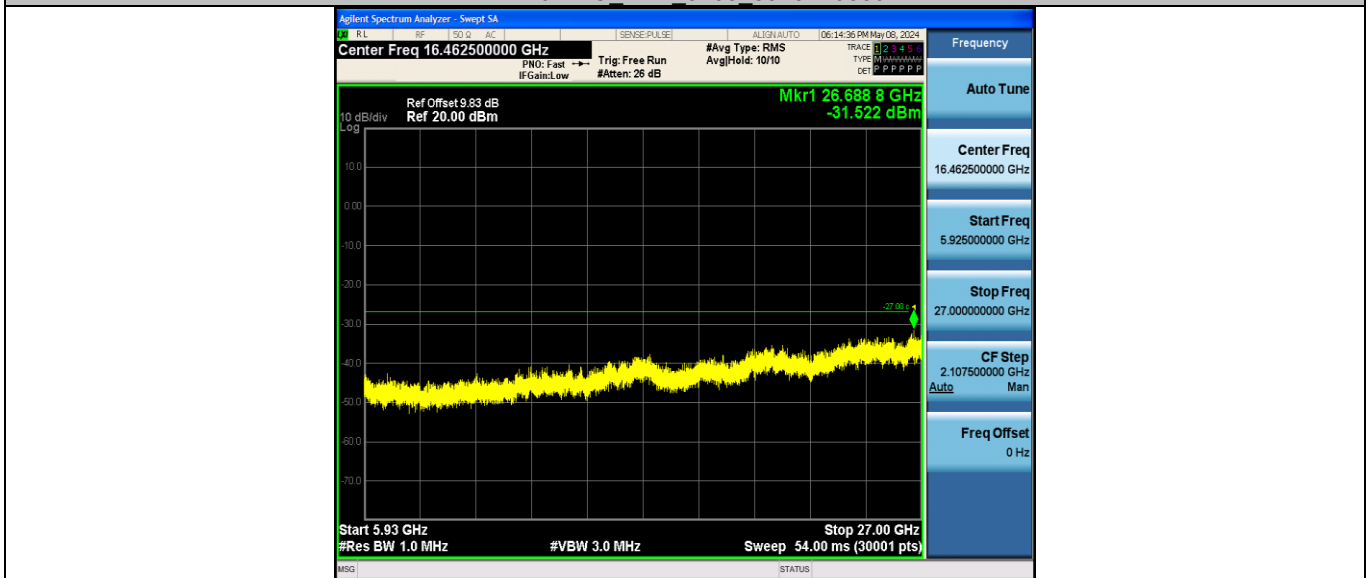
11N40SISO Ant1 5755\_5925~40000



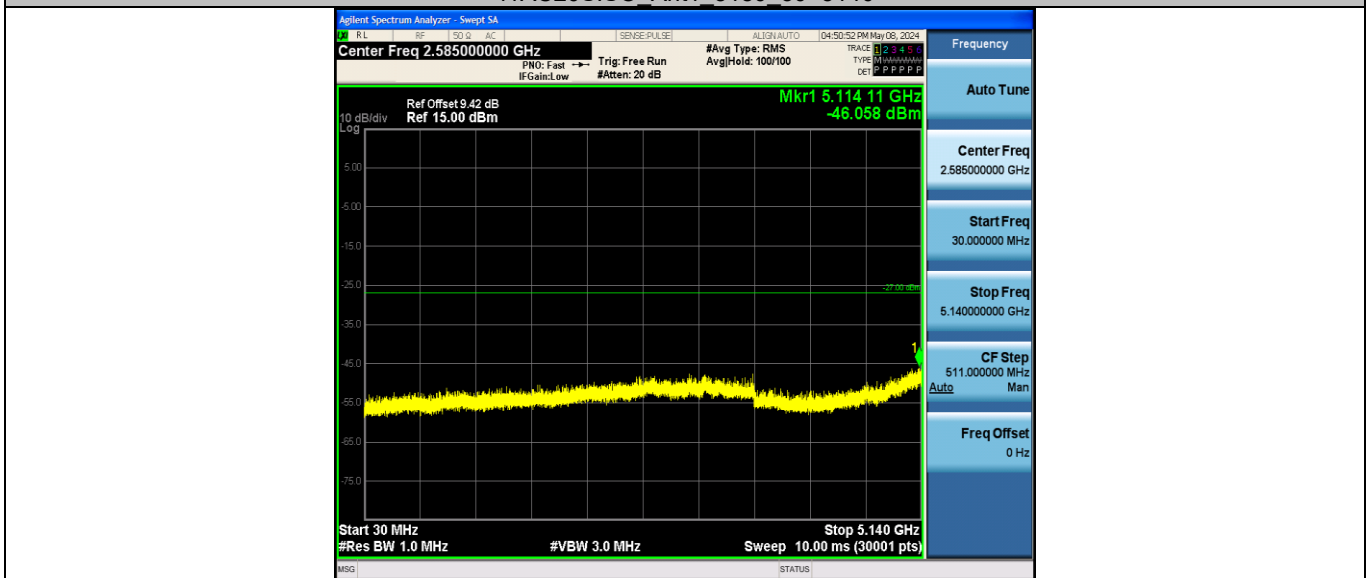
11N40SISO Ant1 5795\_30~5650



11N40SISO Ant1 5795 5925~40000

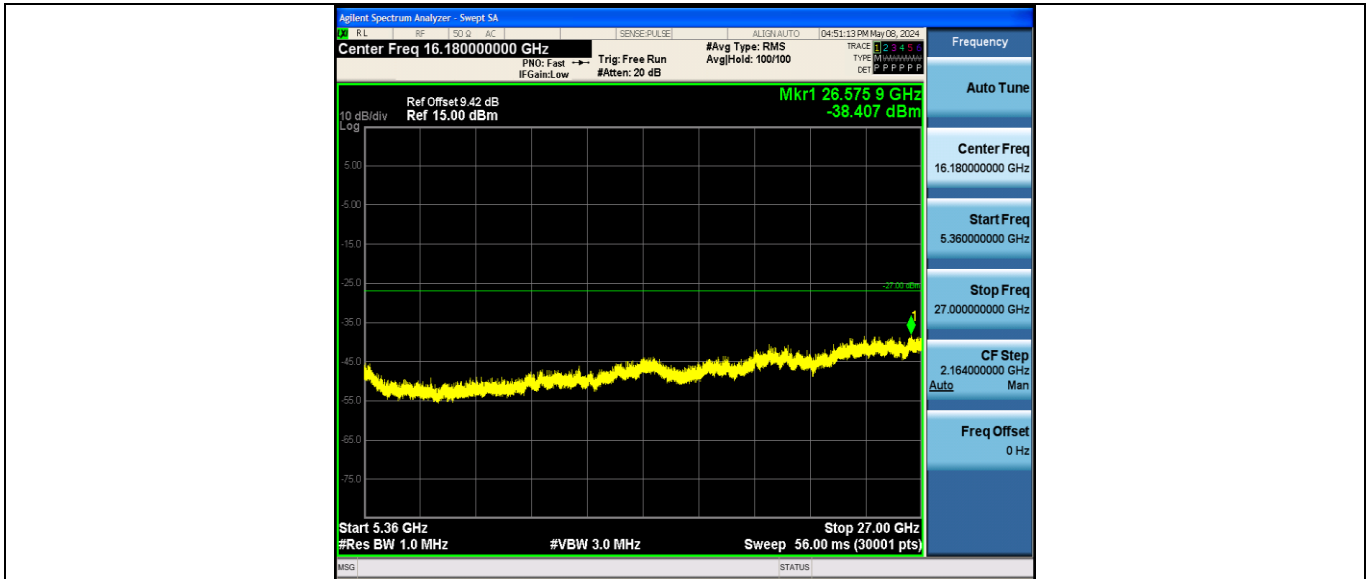


11AC20SISO Ant1 5180 30~5140

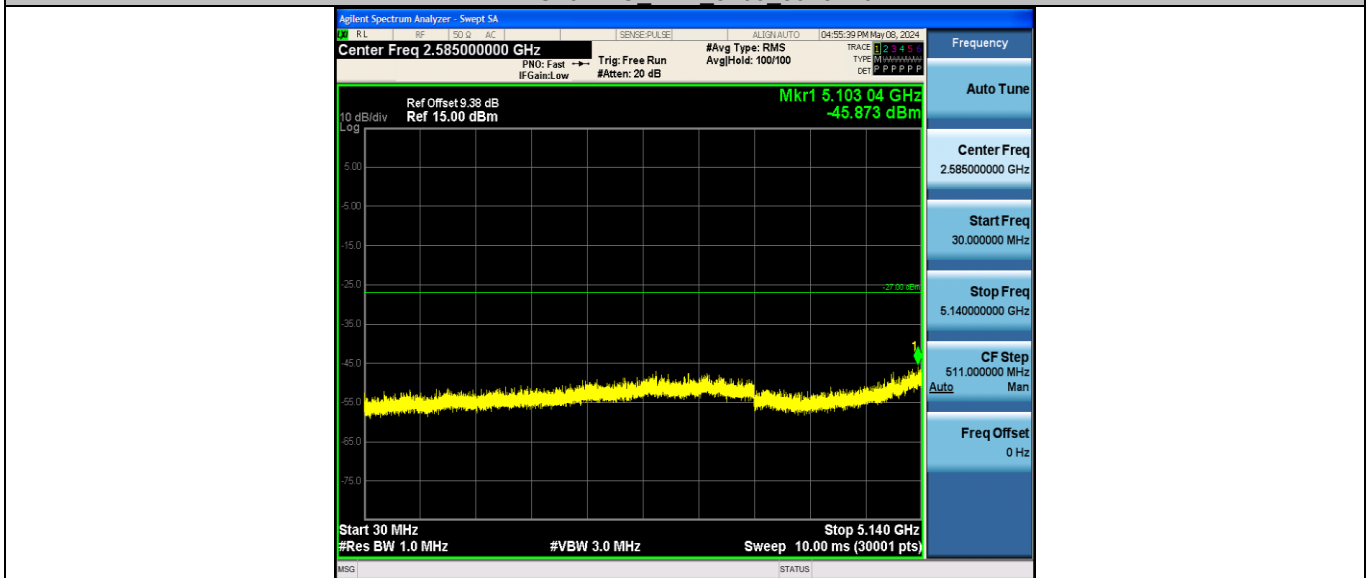


11AC20SISO Ant1 5180 5360~40000

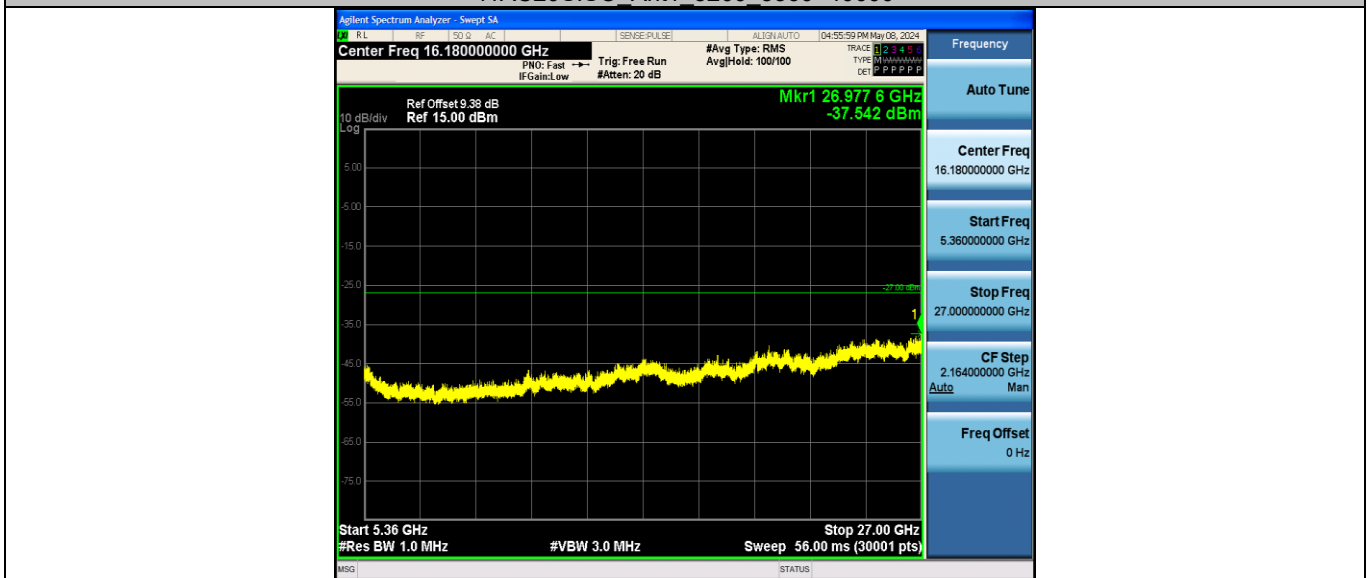




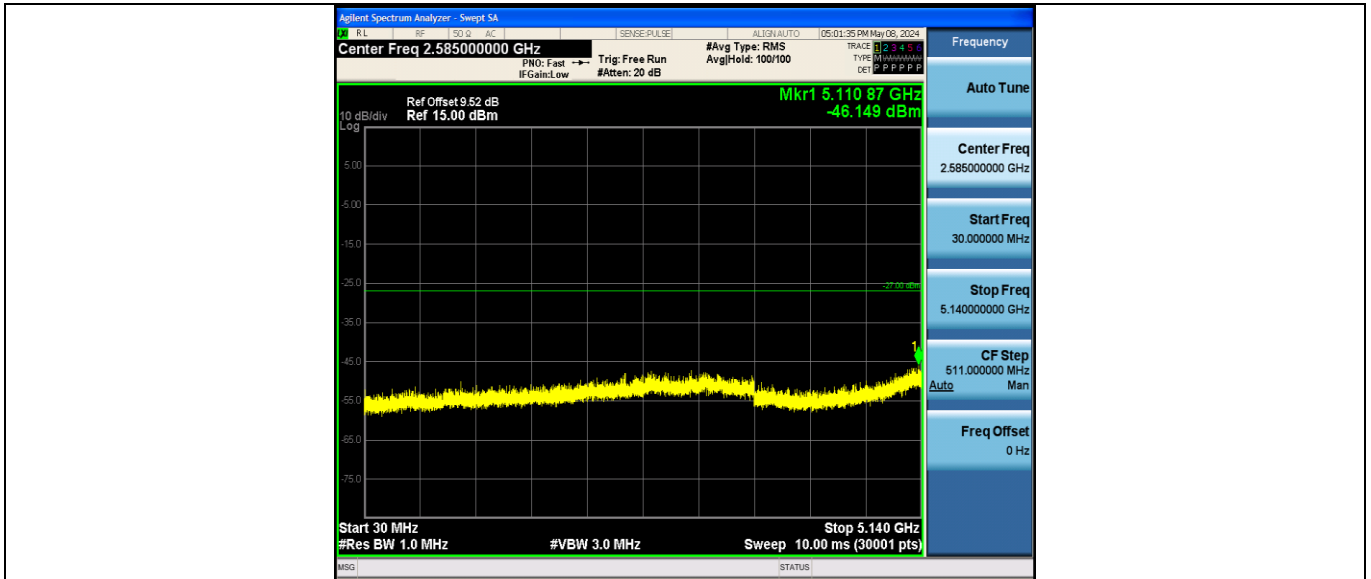
11AC20SISO Ant1 5200 30~5140



11AC20SISO Ant1 5200 30~4000



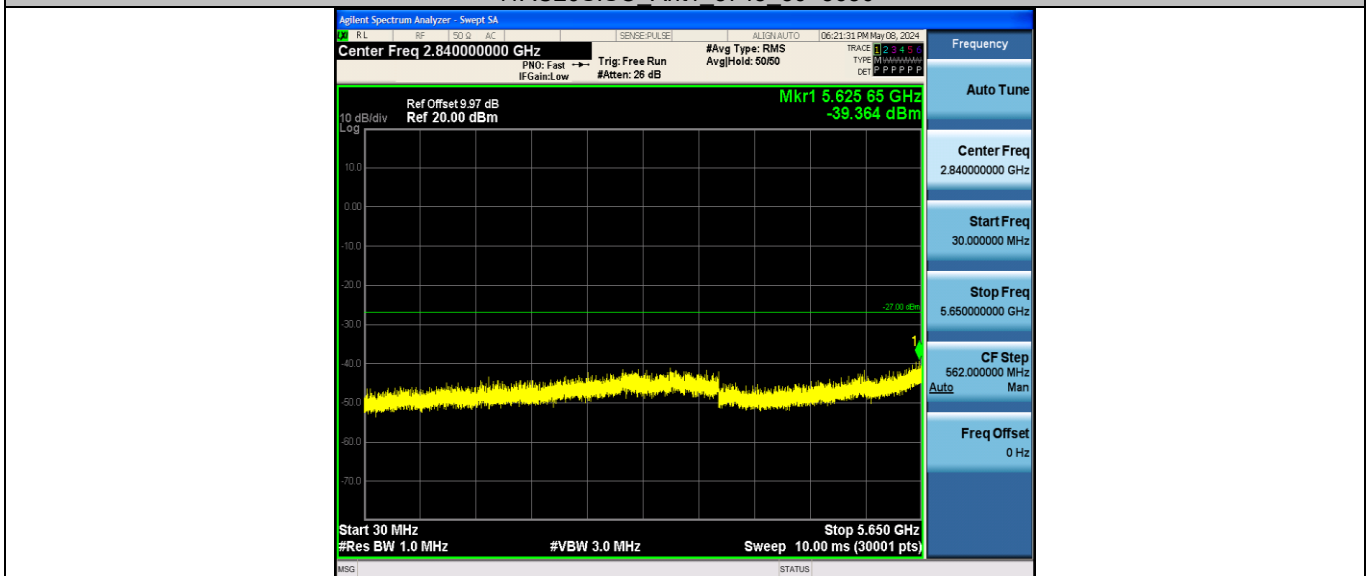
11AC20SISO Ant1 5240 30~5140



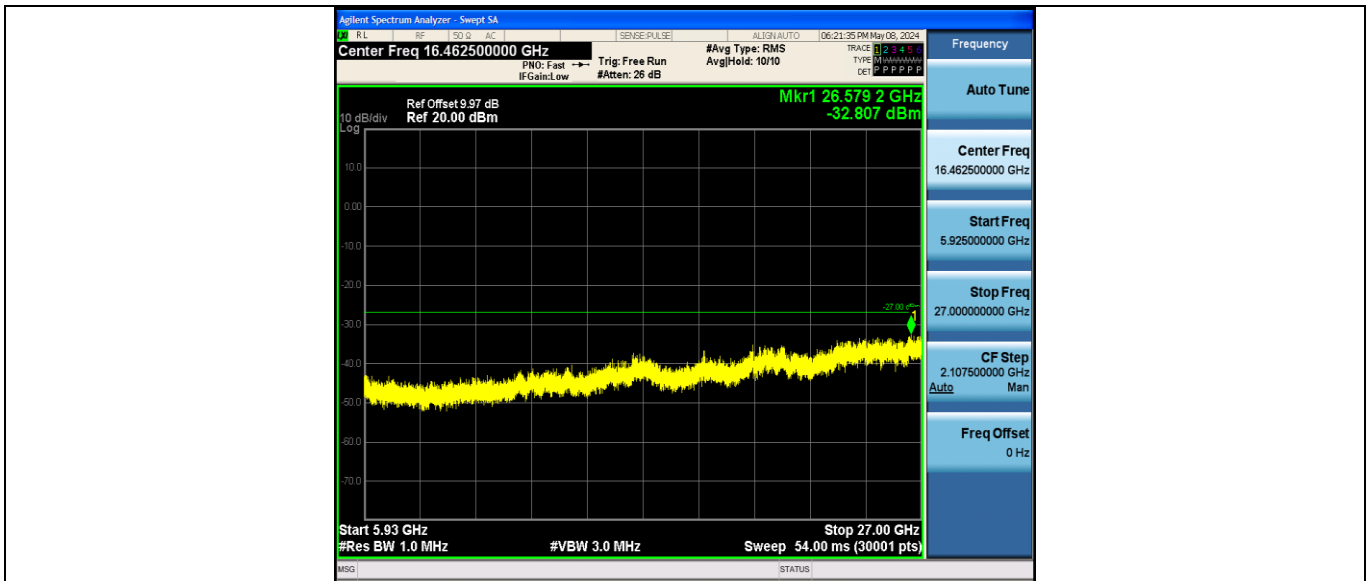
11AC20SISO\_Ant1\_5240\_5360~40000



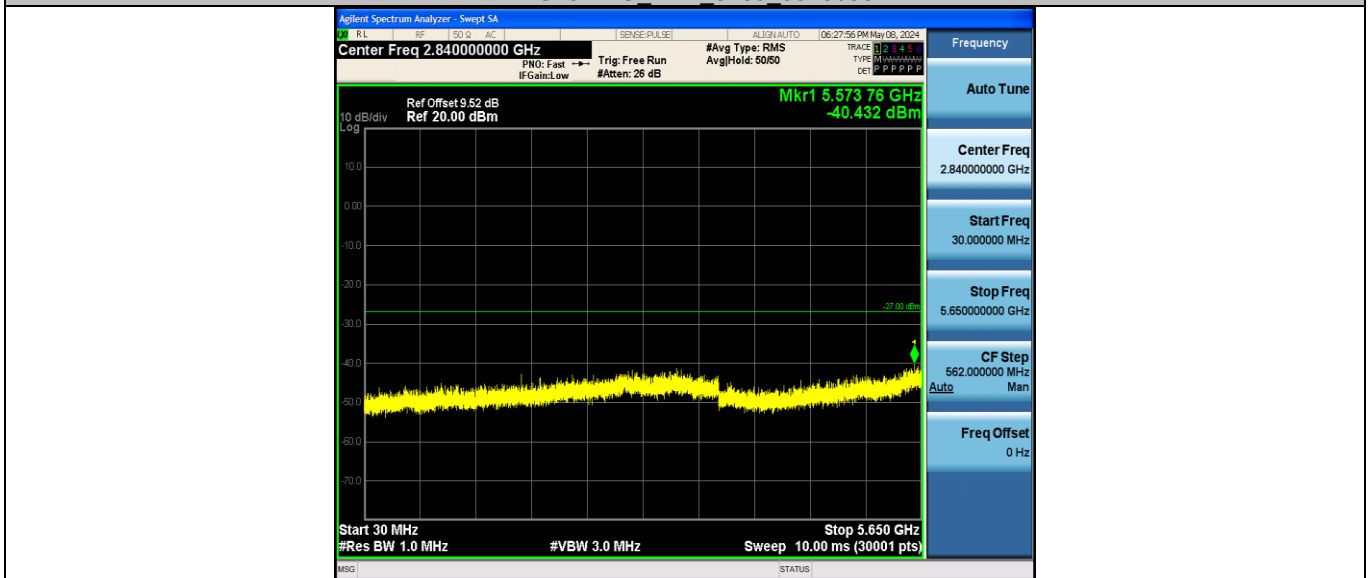
11AC20SISO\_Ant1\_5745\_30~5650



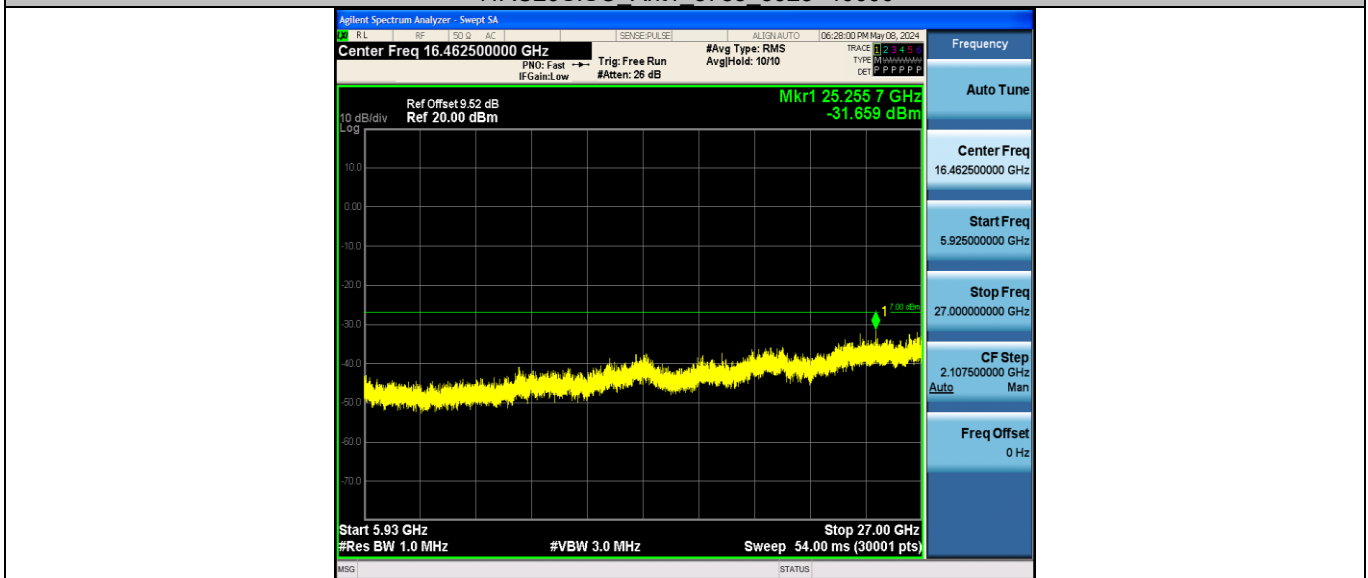
11AC20SISO\_Ant1\_5745\_5925~40000



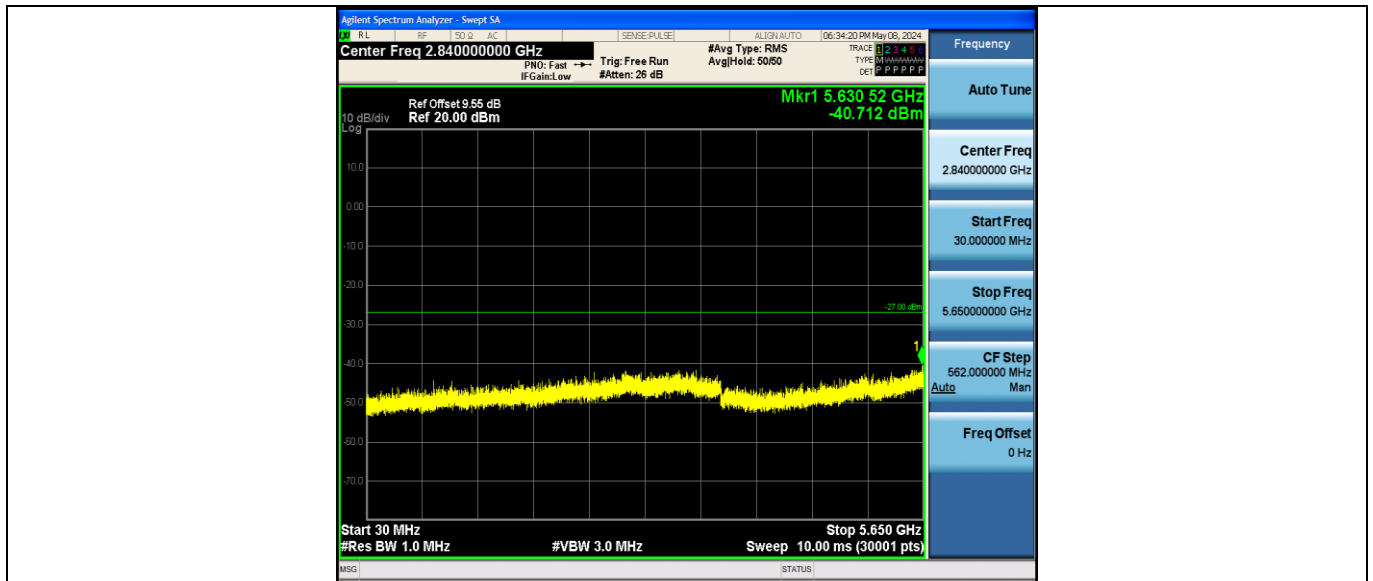
11AC20SISO Ant1 5785 30~5650



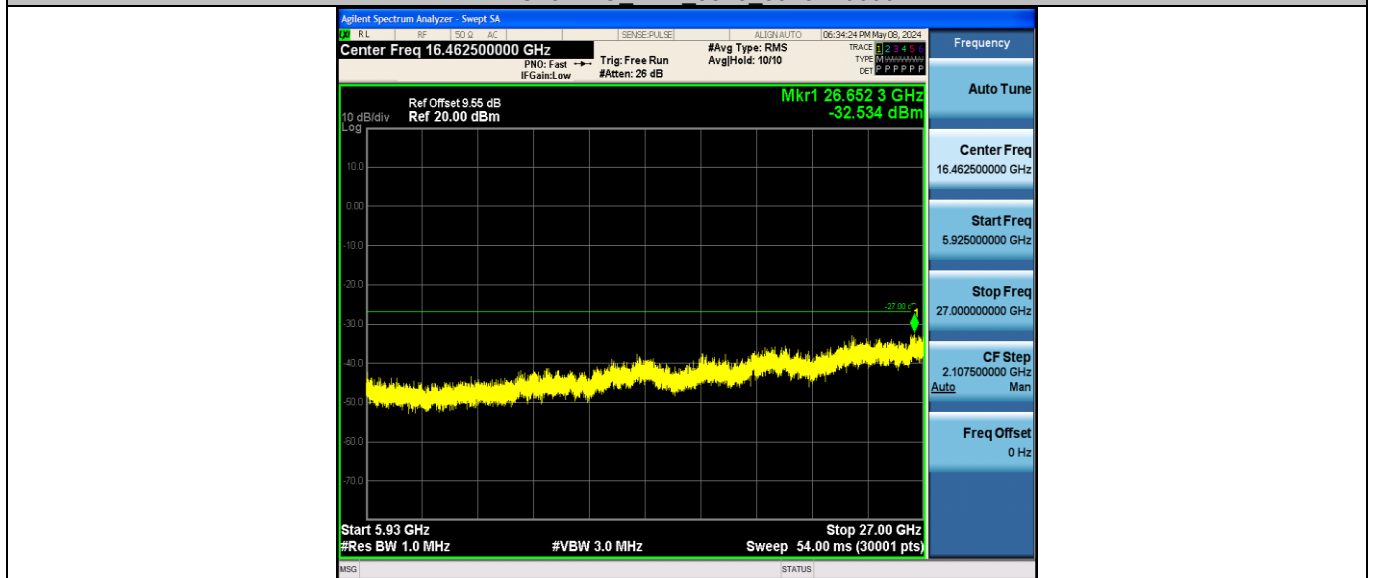
11AC20SISO Ant1 5785 5925~40000



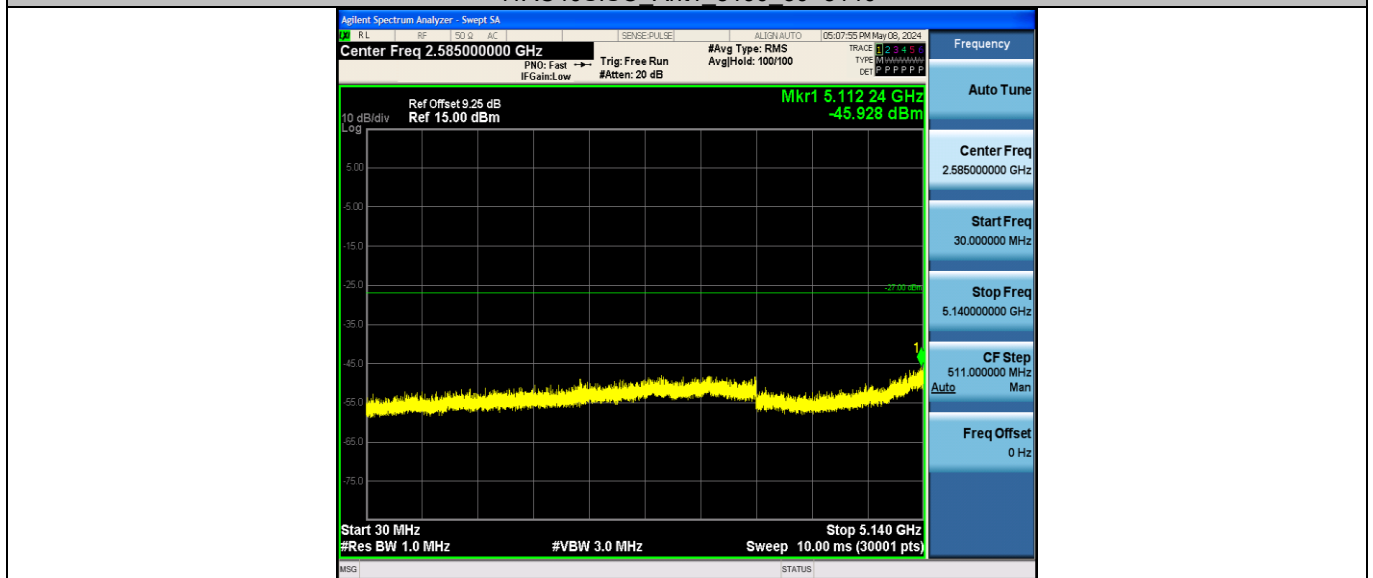
11AC20SISO Ant1 5825 30~5650



11AC20SISO\_Ant1\_5825\_5925~40000



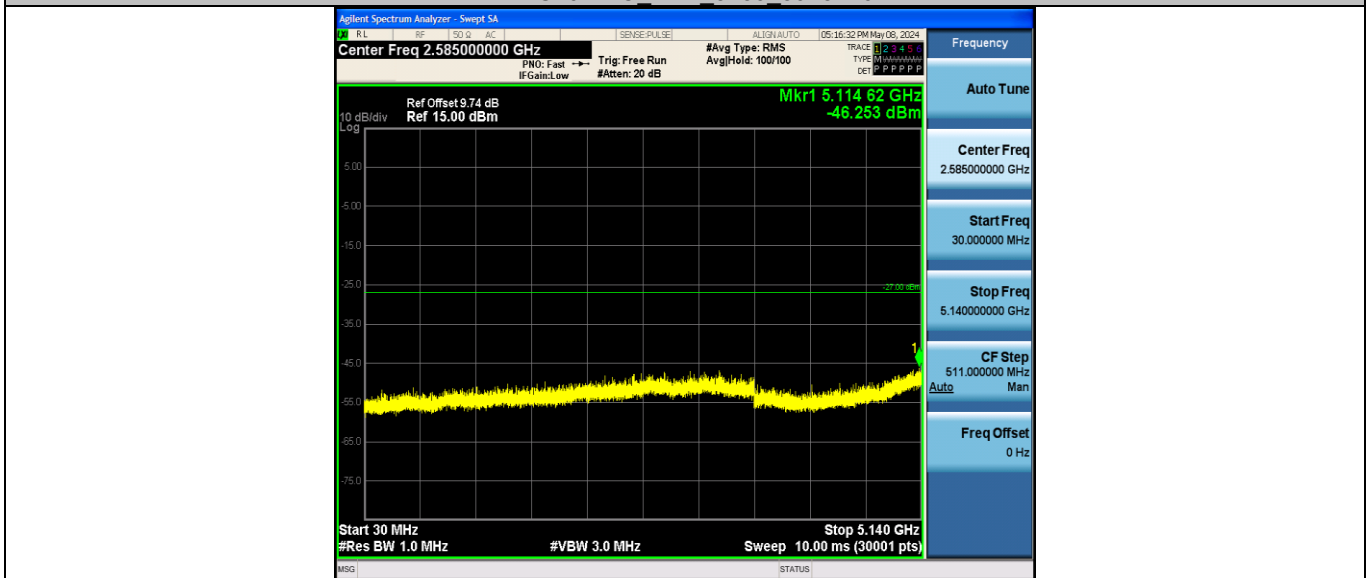
11AC40SISO\_Ant1\_5190\_30~5140



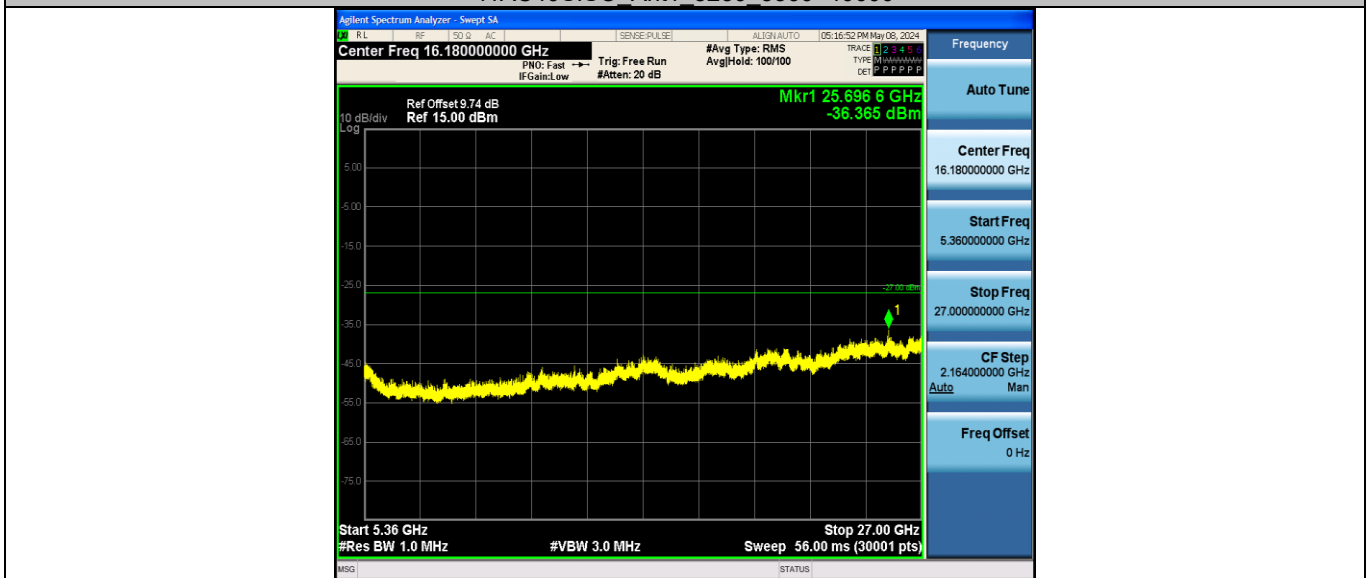
11AC40SISO\_Ant1\_5190\_5360~40000



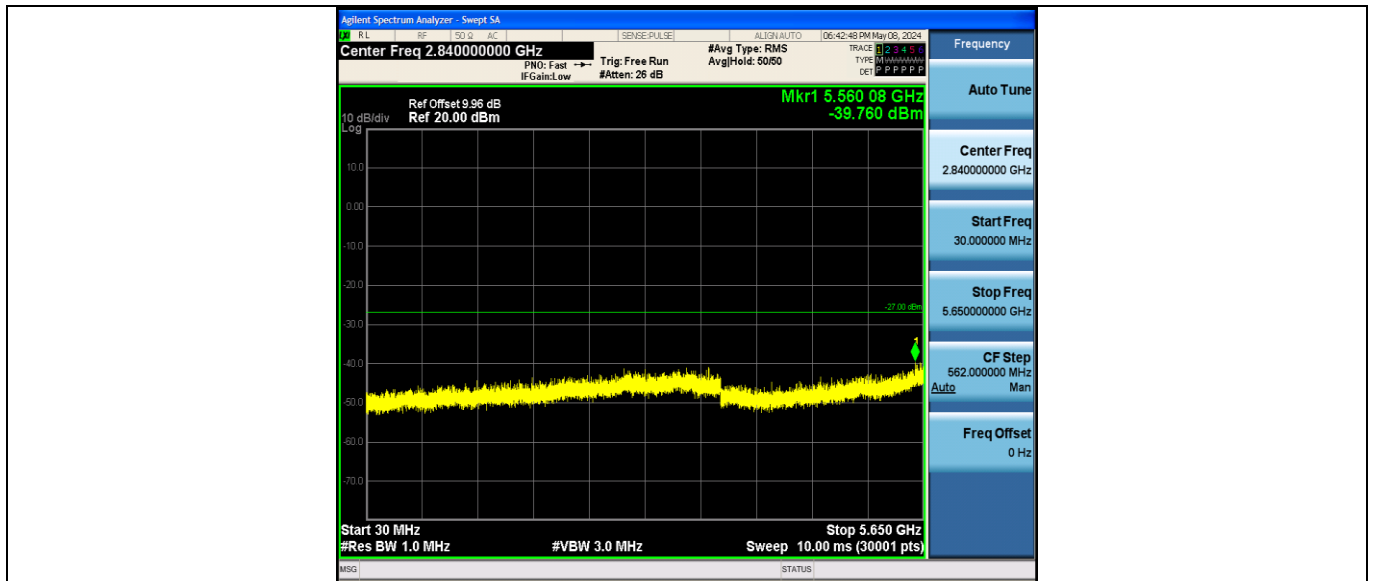
11AC40SISO Ant1 5230 30~5140



11AC40SISO Ant1 5230 5360~40000



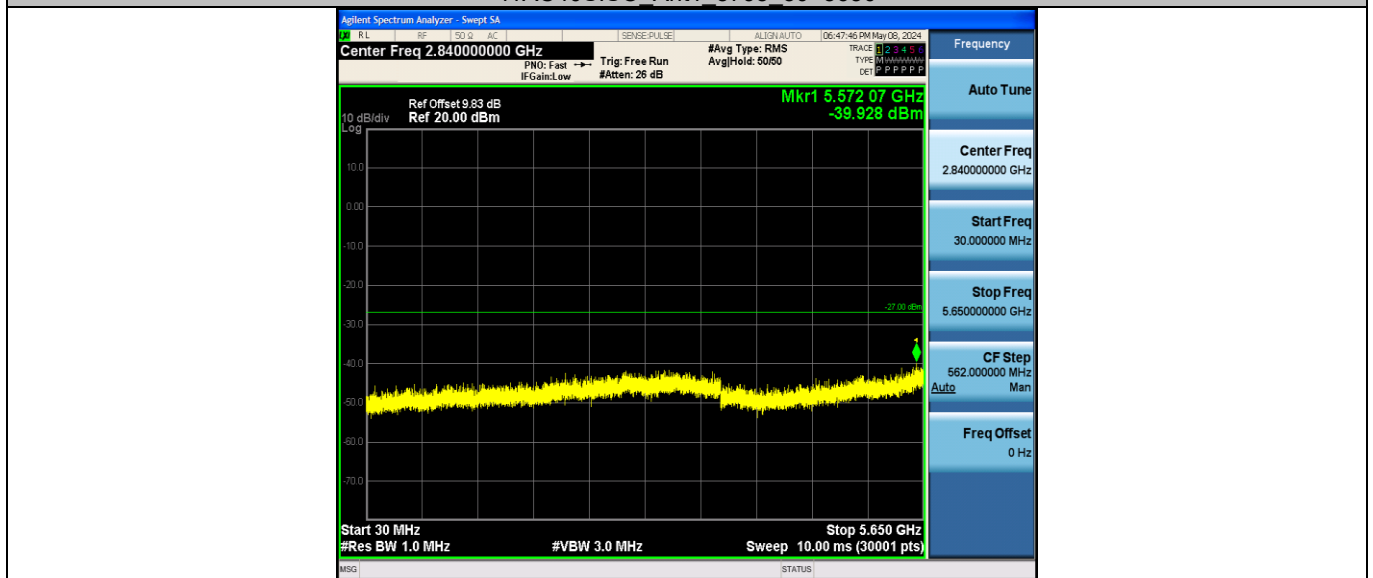
11AC40SISO Ant1 5755 30~5650



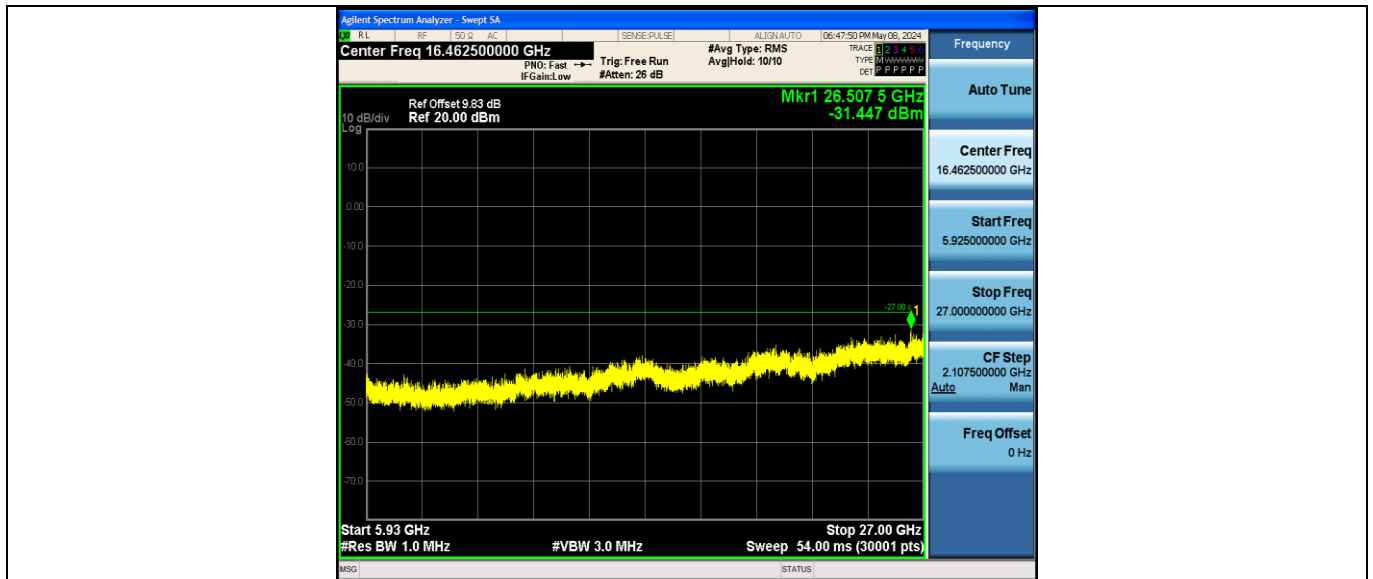
11AC40SISO\_Ant1\_5755\_5925~40000



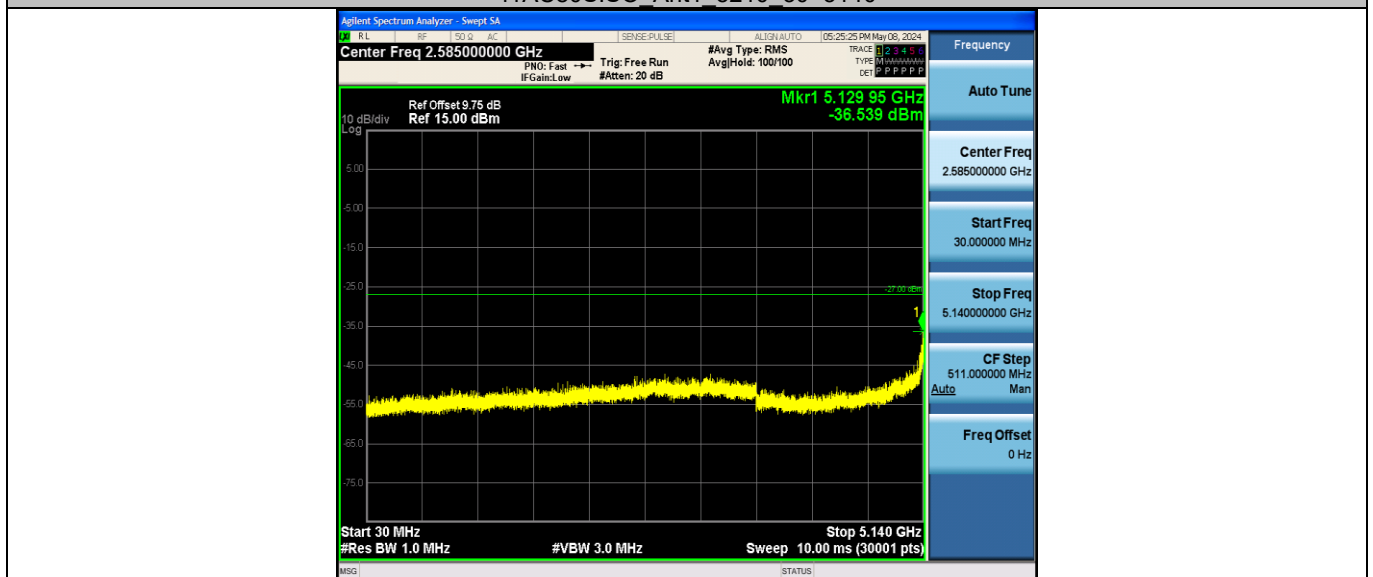
11AC40SISO\_Ant1\_5795\_30~5650



11AC40SISO\_Ant1\_5795\_5925~40000



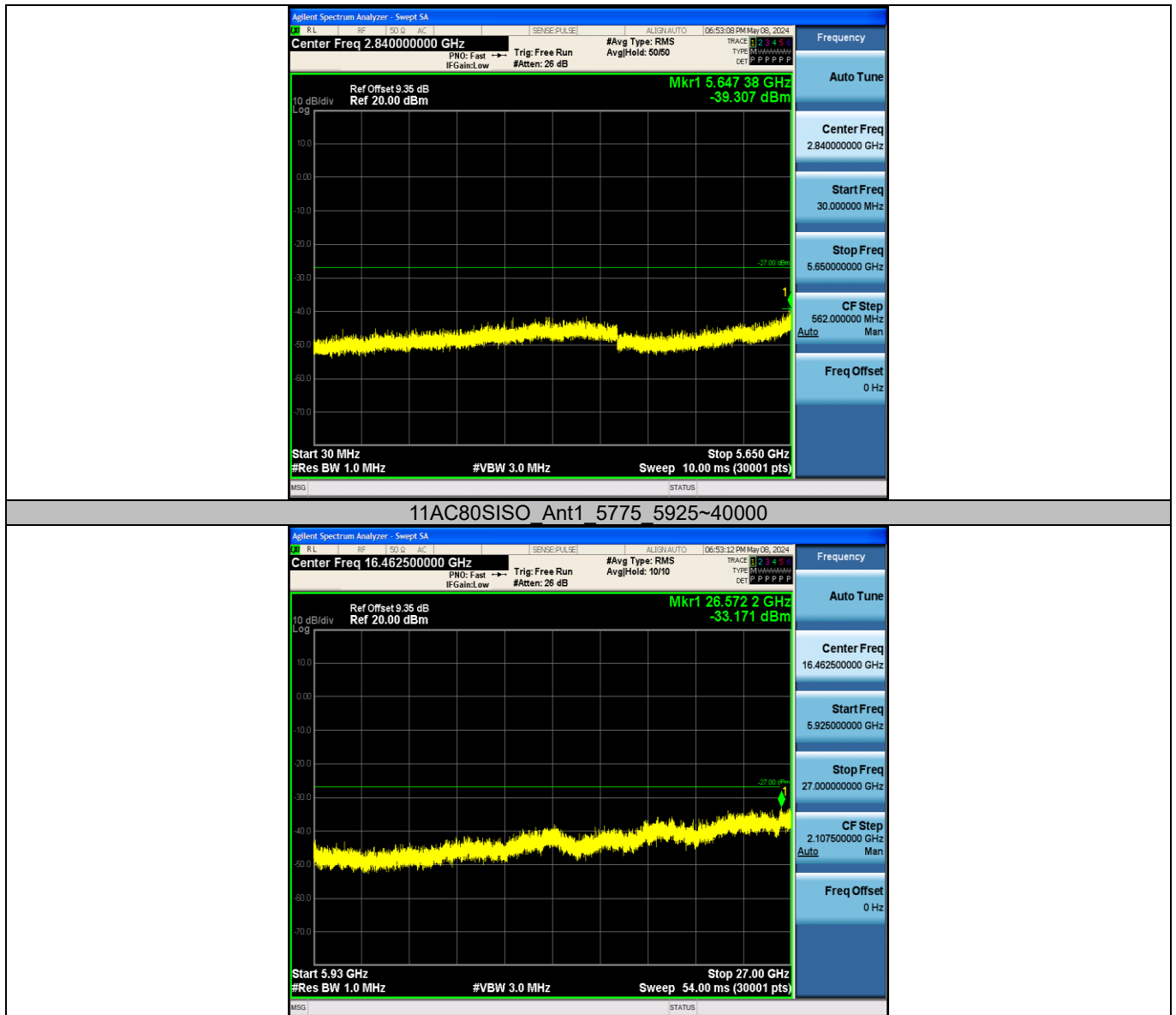
11AC80SISO Ant1 5210 30~5140



11AC80SISO Ant1 5210 5360~40000



11AC80SISO Ant1 5775 30~5650





**Appendix G: Frequency Stability  
 Test Result**

TestMode	Antenna	Frequency [MHz]	Voltage			Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
			Voltage [Vdc]	Temperature (°C)					
11A	Ant1	5180	NV	NT		-20000.00	-3.861004	20	PASS
			LV	NT		-20000.00	-3.861004	20	PASS
			HV	NT		-20000.00	-3.861004	20	PASS
		5200	NV	NT		-20000.00	-3.846154	20	PASS
			LV	NT		0.00	0.000000	20	PASS
			HV	NT		-20000.00	-3.846154	20	PASS
		5240	NV	NT		0.00	0.000000	20	PASS
			LV	NT		-20000.00	-3.816794	20	PASS
			HV	NT		-20000.00	-3.816794	20	PASS
		5745	NV	NT		-20000.00	-3.481288	20	PASS
			LV	NT		-20000.00	-3.481288	20	PASS
			HV	NT		-20000.00	-3.481288	20	PASS
		5785	NV	NT		-40000.00	-6.914434	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		-20000.00	-3.433476	20	PASS
11N20SISO	Ant1	5180	NV	NT		-20000.00	-3.861004	20	PASS
			LV	NT		-20000.00	-3.861004	20	PASS
			HV	NT		-20000.00	-3.861004	20	PASS
		5200	NV	NT		-40000.00	-7.692308	20	PASS
			LV	NT		-20000.00	-3.846154	20	PASS
			HV	NT		-20000.00	-3.846154	20	PASS
		5240	NV	NT		-20000.00	-3.816794	20	PASS
			LV	NT		-40000.00	-7.633588	20	PASS
			HV	NT		-40000.00	-7.633588	20	PASS
		5745	NV	NT		-40000.00	-6.962576	20	PASS
			LV	NT		-40000.00	-6.962576	20	PASS
			HV	NT		-20000.00	-3.481288	20	PASS
		5785	NV	NT		-40000.00	-6.914434	20	PASS
			LV	NT		-40000.00	-6.914434	20	PASS
			HV	NT		-40000.00	-6.914434	20	PASS
		5825	NV	NT		-40000.00	-6.866953	20	PASS
			LV	NT		-60000.00	-10.300429	20	PASS
			HV	NT		-60000.00	-10.300429	20	PASS
11N40SISO	Ant1	5190	NV	NT		0.00	0.000000	20	PASS
			LV	NT		0.00	0.000000	20	PASS
			HV	NT		-40000.00	-7.707129	20	PASS
		5230	NV	NT		0.00	0.000000	20	PASS
			LV	NT		0.00	0.000000	20	PASS
			HV	NT		0.00	0.000000	20	PASS
		5755	NV	NT		-40000.00	-6.950478	20	PASS
			LV	NT		0.00	0.000000	20	PASS
			HV	NT		0.00	0.000000	20	PASS
		5795	NV	NT		-40000.00	-6.902502	20	PASS
			LV	NT		-40000.00	-6.902502	20	PASS
			HV	NT		0.00	0.000000	20	PASS
11AC20SISO	Ant1	5180	NV	NT		-20000.00	-3.861004	20	PASS
			LV	NT		-20000.00	-3.861004	20	PASS
			HV	NT		-20000.00	-3.861004	20	PASS
		5200	NV	NT		-20000.00	-3.846154	20	PASS
			LV	NT		-20000.00	-3.846154	20	PASS
			HV	NT		-20000.00	-3.846154	20	PASS
		5240	NV	NT		-20000.00	-3.816794	20	PASS
			LV	NT		-20000.00	-3.816794	20	PASS
			HV	NT		-40000.00	-7.633588	20	PASS
		5745	NV	NT		-20000.00	-3.481288	20	PASS
			LV	NT		-20000.00	-3.481288	20	PASS
			HV	NT		-40000.00	-6.962576	20	PASS

		5785	NV	NT	-60000.00	-10.371651	20	PASS		
			LV	NT	-40000.00	-6.914434	20	PASS		
			HV	NT	-40000.00	-6.914434	20	PASS		
		5825	NV	NT	-40000.00	-6.866953	20	PASS		
			LV	NT	-40000.00	-6.866953	20	PASS		
			HV	NT	-40000.00	-6.866953	20	PASS		
		11AC40SIS O	Ant1	5190	NV	NT	0.00	0.000000	20	PASS
					LV	NT	0.00	0.000000	20	PASS
					HV	NT	0.00	0.000000	20	PASS
5230	NV			NT	0.00	0.000000	20	PASS		
	LV			NT	-40000.00	-7.648184	20	PASS		
	HV			NT	0.00	0.000000	20	PASS		
5755	NV			NT	-40000.00	-6.950478	20	PASS		
	LV			NT	-80000.00	-13.900956	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	-40000.00	-6.902502	20	PASS		
11AC80SIS O	Ant1	5210	NV	NT	0.00	0.000000	20	PASS		
			LV	NT	0.00	0.000000	20	PASS		
			HV	NT	0.00	0.000000	20	PASS		
		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	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	-20000.00	-3.861004	20	PASS
			NV	-20	-20000.00	-3.861004	20	PASS
			NV	-10	-20000.00	-3.861004	20	PASS
			NV	0	-20000.00	-3.861004	20	PASS
			NV	10	-20000.00	-3.861004	20	PASS
			NV	20	-20000.00	-3.861004	20	PASS
			NV	30	-20000.00	-3.861004	20	PASS
			NV	40	-20000.00	-3.861004	20	PASS
			NV	50	-20000.00	-3.861004	20	PASS
		5200	NV	-30	-20000.00	-3.846154	20	PASS
			NV	-20	-20000.00	-3.846154	20	PASS
			NV	-10	-20000.00	-3.846154	20	PASS
			NV	0	-20000.00	-3.846154	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-20000.00	-3.846154	20	PASS
			NV	30	-20000.00	-3.846154	20	PASS
			NV	40	-20000.00	-3.846154	20	PASS
			NV	50	-20000.00	-3.846154	20	PASS
		5240	NV	-30	-20000.00	-3.816794	20	PASS
			NV	-20	-20000.00	-3.816794	20	PASS
			NV	-10	-20000.00	-3.816794	20	PASS
			NV	0	-20000.00	-3.816794	20	PASS
			NV	10	-20000.00	-3.816794	20	PASS
			NV	20	-20000.00	-3.816794	20	PASS
			NV	30	-20000.00	-3.816794	20	PASS
			NV	40	-20000.00	-3.816794	20	PASS
			NV	50	-20000.00	-3.816794	20	PASS
		5745	NV	-30	-40000.00	-6.962576	20	PASS
			NV	-20	-20000.00	-3.481288	20	PASS
			NV	-10	-20000.00	-3.481288	20	PASS
			NV	0	-20000.00	-3.481288	20	PASS
			NV	10	-20000.00	-3.481288	20	PASS
			NV	20	-40000.00	-6.962576	20	PASS
			NV	30	-20000.00	-3.481288	20	PASS
			NV	40	-20000.00	-3.481288	20	PASS
			NV	50	-20000.00	-3.481288	20	PASS
		5785	NV	-30	-40000.00	-6.914434	20	PASS
			NV	-20	-20000.00	-3.457217	20	PASS

			NV	-10	-20000.00	-3.457217	20	PASS	
			NV	0	-20000.00	-3.457217	20	PASS	
			NV	10	-20000.00	-3.457217	20	PASS	
			NV	20	-20000.00	-3.457217	20	PASS	
			NV	30	-20000.00	-3.457217	20	PASS	
			NV	40	-20000.00	-3.457217	20	PASS	
			NV	50	-20000.00	-3.457217	20	PASS	
		5825	NV	-30	-20000.00	-3.433476	20	PASS	
			NV	-20	-40000.00	-6.866953	20	PASS	
			NV	-10	-20000.00	-3.433476	20	PASS	
			NV	0	-20000.00	-3.433476	20	PASS	
			NV	10	-20000.00	-3.433476	20	PASS	
			NV	20	-20000.00	-3.433476	20	PASS	
			NV	30	-40000.00	-6.866953	20	PASS	
			NV	40	-20000.00	-3.433476	20	PASS	
			NV	50	-20000.00	-3.433476	20	PASS	
			5180	NV	-30	-40000.00	-7.722008	20	PASS
				NV	-20	-20000.00	-3.861004	20	PASS
				NV	-10	-20000.00	-3.861004	20	PASS
				NV	0	-20000.00	-3.861004	20	PASS
				NV	10	-40000.00	-7.722008	20	PASS
		NV		20	-20000.00	-3.861004	20	PASS	
		NV		30	-20000.00	-3.861004	20	PASS	
		5200	NV	40	-20000.00	-3.861004	20	PASS	
			NV	50	-20000.00	-3.861004	20	PASS	
			NV	-30	-20000.00	-3.846154	20	PASS	
			NV	-20	-40000.00	-7.692308	20	PASS	
			NV	-10	-20000.00	-3.846154	20	PASS	
NV	0		-20000.00	-3.846154	20	PASS			
NV	10		-20000.00	-3.846154	20	PASS			
5240	NV	20	-20000.00	-3.846154	20	PASS			
	NV	30	-40000.00	-7.692308	20	PASS			
	NV	40	-20000.00	-3.846154	20	PASS			
	NV	50	-20000.00	-3.846154	20	PASS			
	NV	-30	-40000.00	-7.633588	20	PASS			
	NV	-20	-20000.00	-3.816794	20	PASS			
	NV	-10	-20000.00	-3.816794	20	PASS			
5745	NV	0	-20000.00	-3.816794	20	PASS			
	NV	10	-20000.00	-3.816794	20	PASS			
	NV	20	-20000.00	-3.816794	20	PASS			
	NV	30	-20000.00	-3.816794	20	PASS			
	NV	40	-60000.00	-11.450382	20	PASS			
	NV	50	-20000.00	-3.816794	20	PASS			
	NV	-30	-40000.00	-6.962576	20	PASS			
5785	NV	-20	-60000.00	-10.443864	20	PASS			
	NV	-10	-20000.00	-3.481288	20	PASS			
	NV	0	-40000.00	-6.962576	20	PASS			
	NV	10	-40000.00	-6.962576	20	PASS			
	NV	20	-40000.00	-6.962576	20	PASS			
	NV	30	-40000.00	-6.962576	20	PASS			
	NV	40	-40000.00	-6.962576	20	PASS			
5825	NV	50	-40000.00	-6.962576	20	PASS			
	NV	-30	-40000.00	-6.914434	20	PASS			
	NV	-20	-40000.00	-6.914434	20	PASS			
	NV	-10	-40000.00	-6.914434	20	PASS			
	NV	0	-40000.00	-6.914434	20	PASS			
	NV	10	-40000.00	-6.914434	20	PASS			
	NV	20	-40000.00	-6.914434	20	PASS			
5825	NV	30	-40000.00	-6.914434	20	PASS			
	NV	40	-40000.00	-6.914434	20	PASS			
	NV	50	-40000.00	-6.914434	20	PASS			
	NV	-30	-40000.00	-6.866953	20	PASS			
	NV	-20	-40000.00	-6.866953	20	PASS			
			NV	-10	-40000.00	-6.866953	20	PASS	
			NV	0	-40000.00	-6.866953	20	PASS	
			NV	10	-40000.00	-6.866953	20	PASS	
			NV	20	-60000.00	-10.300429	20	PASS	
			NV	20	-60000.00	-10.300429	20	PASS	

			NV	30	-40000.00	-6.866953	20	PASS		
			NV	40	-60000.00	-10.300429	20	PASS		
			NV	50	-40000.00	-6.866953	20	PASS		
11N40SISO	Ant1	5190	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	0.00	0.000000	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		
			NV	-30	0.00	0.000000	20	PASS		
		5230	NV	-20	-40000.00	-7.648184	20	PASS		
			NV	-10	-40000.00	-7.648184	20	PASS		
			NV	0	-40000.00	-7.648184	20	PASS		
			NV	10	0.00	0.000000	20	PASS		
			NV	20	-40000.00	-7.648184	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		
			NV	-30	0.00	0.000000	20	PASS		
			NV	-20	-40000.00	-6.950478	20	PASS		
		5755	NV	-10	-40000.00	-6.950478	20	PASS		
			NV	0	-40000.00	-6.950478	20	PASS		
			NV	10	-80000.00	-13.900956	20	PASS		
			NV	20	-40000.00	-6.950478	20	PASS		
			NV	30	0.00	0.000000	20	PASS		
			NV	40	-40000.00	-6.950478	20	PASS		
			NV	50	-80000.00	-13.900956	20	PASS		
			NV	-30	-40000.00	-6.902502	20	PASS		
			NV	-20	-40000.00	-6.902502	20	PASS		
			NV	-10	0.00	0.000000	20	PASS		
		5795	NV	0	-40000.00	-6.902502	20	PASS		
			NV	10	-40000.00	-6.902502	20	PASS		
			NV	20	-80000.00	-13.805004	20	PASS		
			NV	30	-40000.00	-6.902502	20	PASS		
			NV	40	-40000.00	-6.902502	20	PASS		
			NV	50	-40000.00	-6.902502	20	PASS		
			NV	-30	-20000.00	-3.861004	20	PASS		
			NV	-20	-40000.00	-7.722008	20	PASS		
			NV	-10	-20000.00	-3.861004	20	PASS		
			NV	0	-20000.00	-3.861004	20	PASS		
		11AC20SIS O	Ant1	5180	NV	10	-20000.00	-3.861004	20	PASS
					NV	20	-20000.00	-3.861004	20	PASS
					NV	30	-20000.00	-3.861004	20	PASS
					NV	40	-20000.00	-3.861004	20	PASS
					NV	50	-20000.00	-3.861004	20	PASS
					NV	-30	-20000.00	-3.846154	20	PASS
					NV	-20	-20000.00	-3.846154	20	PASS
					NV	-10	-20000.00	-3.846154	20	PASS
NV	0				-20000.00	-3.846154	20	PASS		
NV	10				-20000.00	-3.846154	20	PASS		
5200	NV			20	-20000.00	-3.846154	20	PASS		
	NV			30	-20000.00	-3.846154	20	PASS		
	NV			40	-20000.00	-3.846154	20	PASS		
	NV			50	-20000.00	-3.846154	20	PASS		
	NV			-30	-20000.00	-3.816794	20	PASS		
	NV			-20	-20000.00	-3.816794	20	PASS		
	NV			-10	-20000.00	-3.816794	20	PASS		
	NV			0	-40000.00	-7.633588	20	PASS		
5240	NV	10	-20000.00	-3.816794	20	PASS				
	NV	20	-20000.00	-3.816794	20	PASS				
	NV	30	-20000.00	-3.816794	20	PASS				
	NV	40	-20000.00	-3.816794	20	PASS				
	NV	50	0.00	0.000000	20	PASS				
	NV	-30	-20000.00	-3.481288	20	PASS				
	5745	NV	-30	-20000.00	-3.481288	20	PASS			

			NV	-20	-20000.00	-3.481288	20	PASS		
			NV	-10	-20000.00	-3.481288	20	PASS		
			NV	0	-40000.00	-6.962576	20	PASS		
			NV	10	-40000.00	-6.962576	20	PASS		
			NV	20	-40000.00	-6.962576	20	PASS		
			NV	30	-40000.00	-6.962576	20	PASS		
			NV	40	-60000.00	-10.443864	20	PASS		
			NV	50	-40000.00	-6.962576	20	PASS		
		5785	NV	-30	-40000.00	-6.914434	20	PASS		
			NV	-20	-40000.00	-6.914434	20	PASS		
			NV	-10	-40000.00	-6.914434	20	PASS		
			NV	0	-40000.00	-6.914434	20	PASS		
			NV	10	-20000.00	-3.457217	20	PASS		
			NV	20	-40000.00	-6.914434	20	PASS		
			NV	30	-20000.00	-3.457217	20	PASS		
			NV	40	-40000.00	-6.914434	20	PASS		
		5825	NV	50	-40000.00	-6.914434	20	PASS		
			NV	-30	-40000.00	-6.866953	20	PASS		
			NV	-20	-60000.00	-10.300429	20	PASS		
			NV	-10	-40000.00	-6.866953	20	PASS		
			NV	0	-40000.00	-6.866953	20	PASS		
			NV	10	-60000.00	-10.300429	20	PASS		
			NV	20	-40000.00	-6.866953	20	PASS		
			NV	30	-40000.00	-6.866953	20	PASS		
		11AC40SIS O	Ant1	5190	NV	40	-40000.00	-6.866953	20	PASS
					NV	50	-40000.00	-6.866953	20	PASS
					NV	-30	-40000.00	-7.707129	20	PASS
					NV	-20	0.00	0.000000	20	PASS
NV	-10				-40000.00	-7.707129	20	PASS		
NV	0				0.00	0.000000	20	PASS		
NV	10				-40000.00	-7.707129	20	PASS		
NV	20				0.00	0.000000	20	PASS		
5230	NV			30	0.00	0.000000	20	PASS		
	NV			40	-40000.00	-7.707129	20	PASS		
	NV			50	0.00	0.000000	20	PASS		
	NV			-30	0.00	0.000000	20	PASS		
	NV			-20	-40000.00	-7.648184	20	PASS		
	NV			-10	-40000.00	-7.648184	20	PASS		
	NV	0	-40000.00	-7.648184	20	PASS				
	NV	10	-40000.00	-7.648184	20	PASS				
5755	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				
	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	-40000.00	-6.950478	20	PASS				
5795	NV	10	0.00	0.000000	20	PASS				
	NV	20	-40000.00	-6.950478	20	PASS				
	NV	30	-40000.00	-6.950478	20	PASS				
	NV	40	-40000.00	-6.950478	20	PASS				
	NV	50	-40000.00	-6.950478	20	PASS				
	NV	-30	0.00	0.000000	20	PASS				
	NV	-20	-40000.00	-6.902502	20	PASS				
	NV	-10	-40000.00	-6.902502	20	PASS				
11AC80SIS O	Ant1	5210	NV	0	-40000.00	-6.902502	20	PASS		
			NV	10	0.00	0.000000	20	PASS		
			NV	20	-40000.00	-6.902502	20	PASS		
			NV	30	-40000.00	-6.902502	20	PASS		
			NV	40	-80000.00	-13.805004	20	PASS		
		NV	50	-40000.00	-6.902502	20	PASS			
		NV	-30	0.00	0.000000	20	PASS			
		NV	-20	-80000.00	-15.355086	20	PASS			
		NV	-10	-80000.00	-15.355086	20	PASS			
		NV	0	-80000.00	-15.355086	20	PASS			
NV	10	0.00	0.000000	20	PASS					

			NV	20	-80000.00	-15.355086	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
		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	-80000.00	-13.852814	20	PASS
			NV	50	0.00	0.000000	20	PASS

----End of Report----