

## Appendix D: Maximum power spectral density

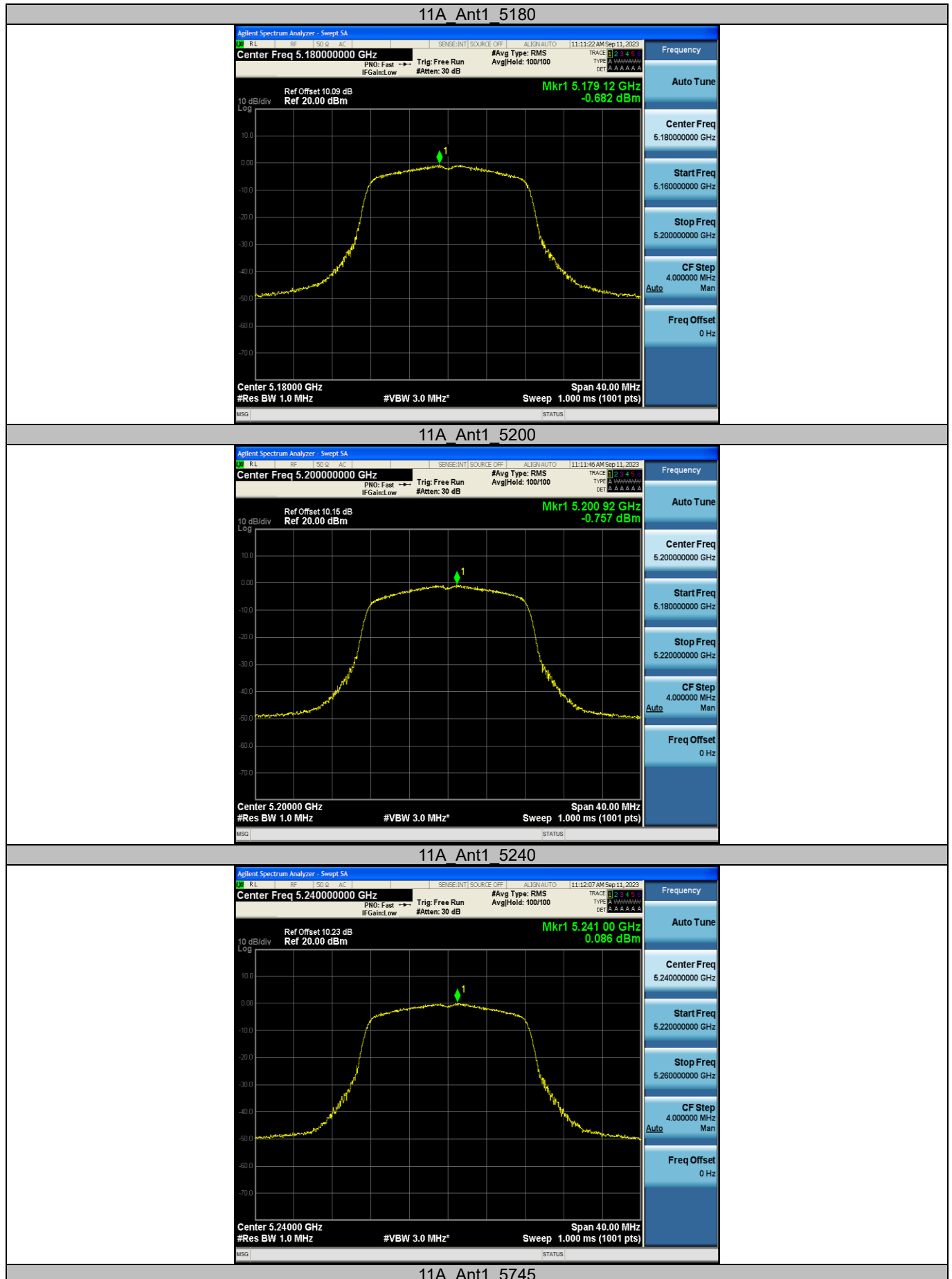
### Test Result

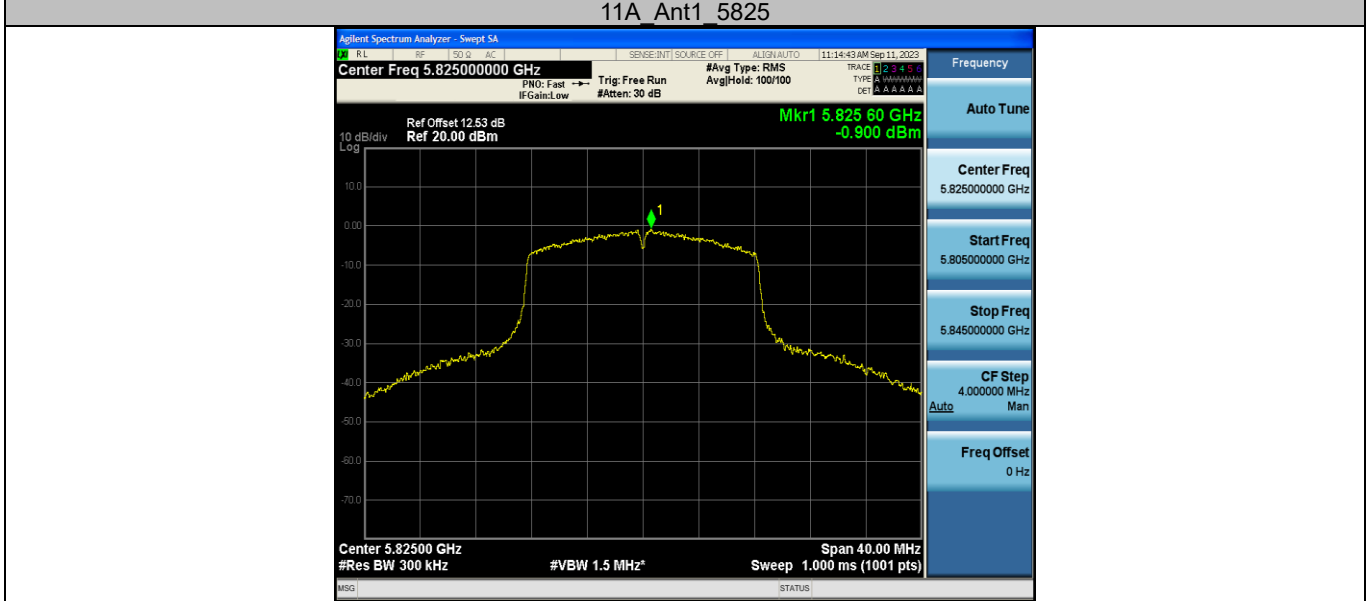
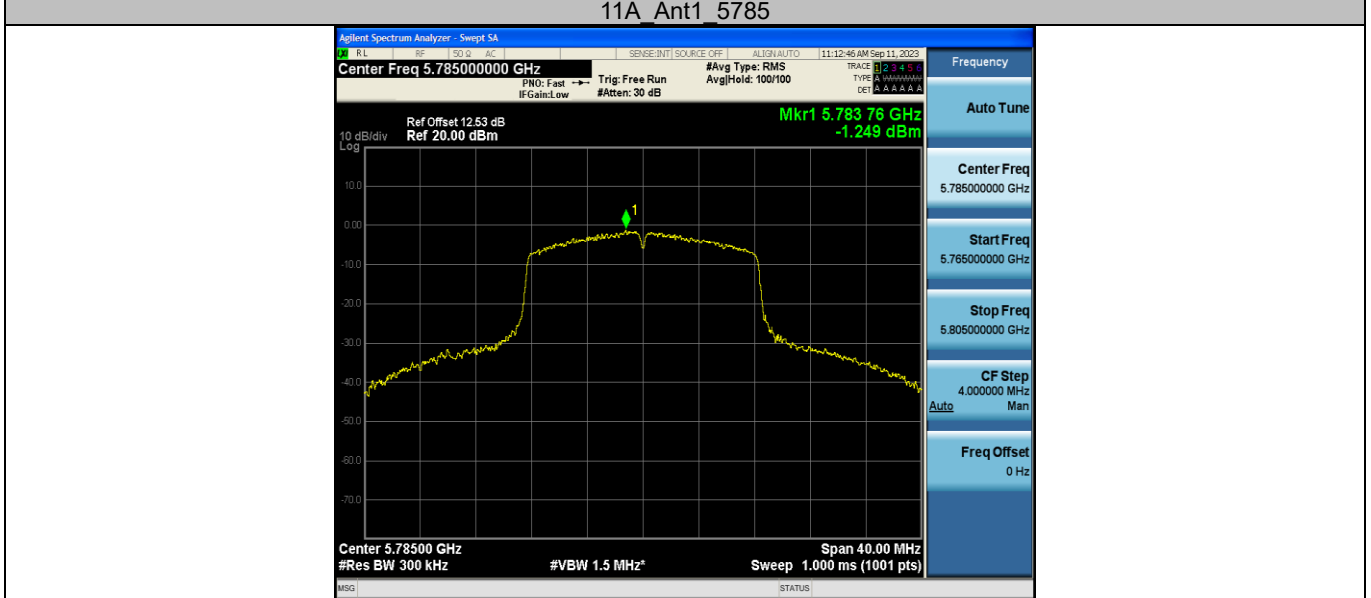
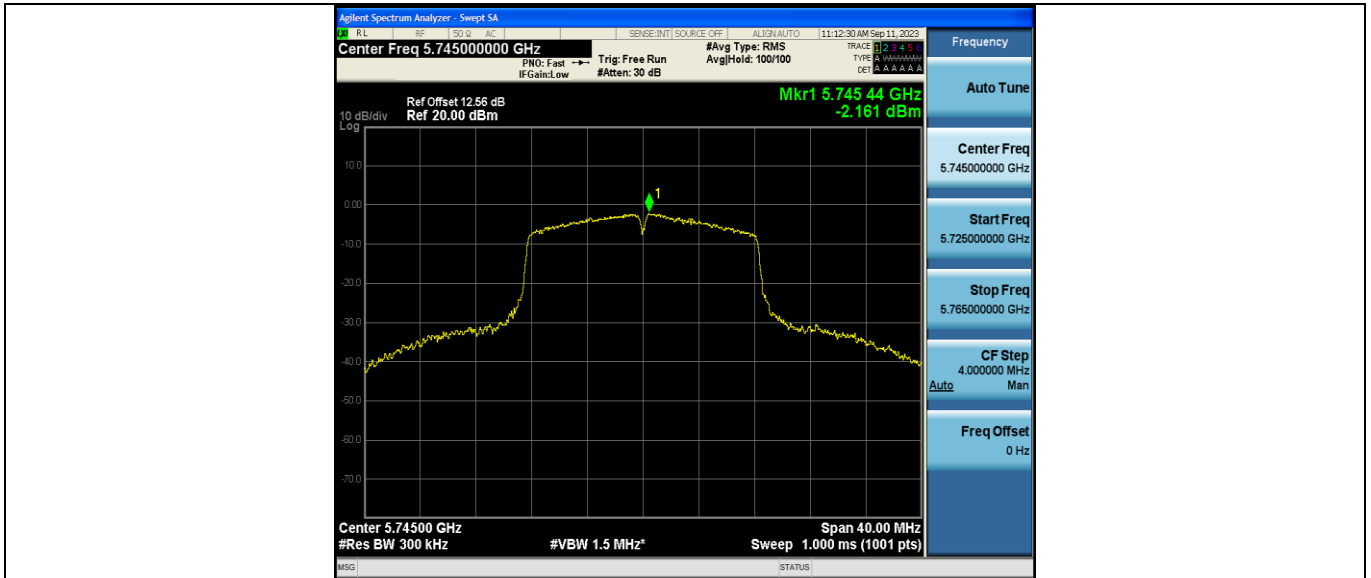
Test Mode	Antenna	Frequency [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	-0.68	≤11.00	PASS
		5200	-0.76	≤11.00	PASS
		5240	0.09	≤11.00	PASS
		5745	-2.16	≤30.00	PASS
		5785	-1.25	≤30.00	PASS
		5825	-0.9	≤30.00	PASS
11N20SISO	Ant1	5180	-0.26	≤11.00	PASS
		5200	-0.03	≤11.00	PASS
		5240	0.28	≤11.00	PASS
		5745	-2.89	≤30.00	PASS
		5785	-1.47	≤30.00	PASS
		5825	-4.31	≤30.00	PASS

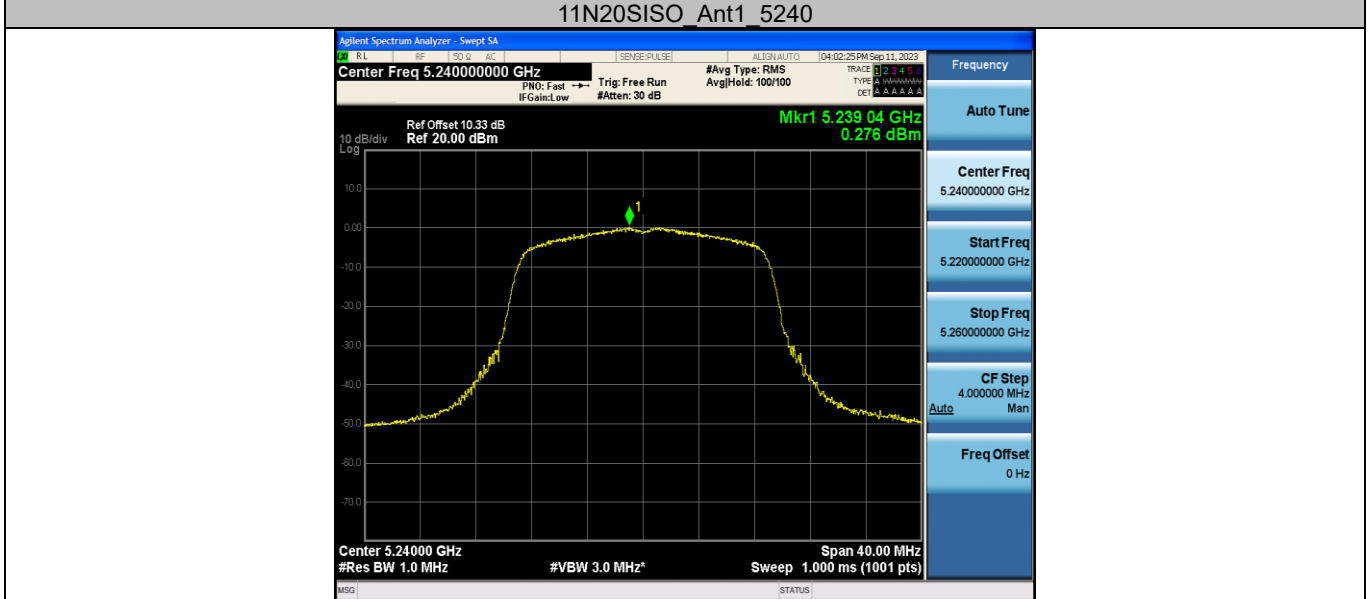
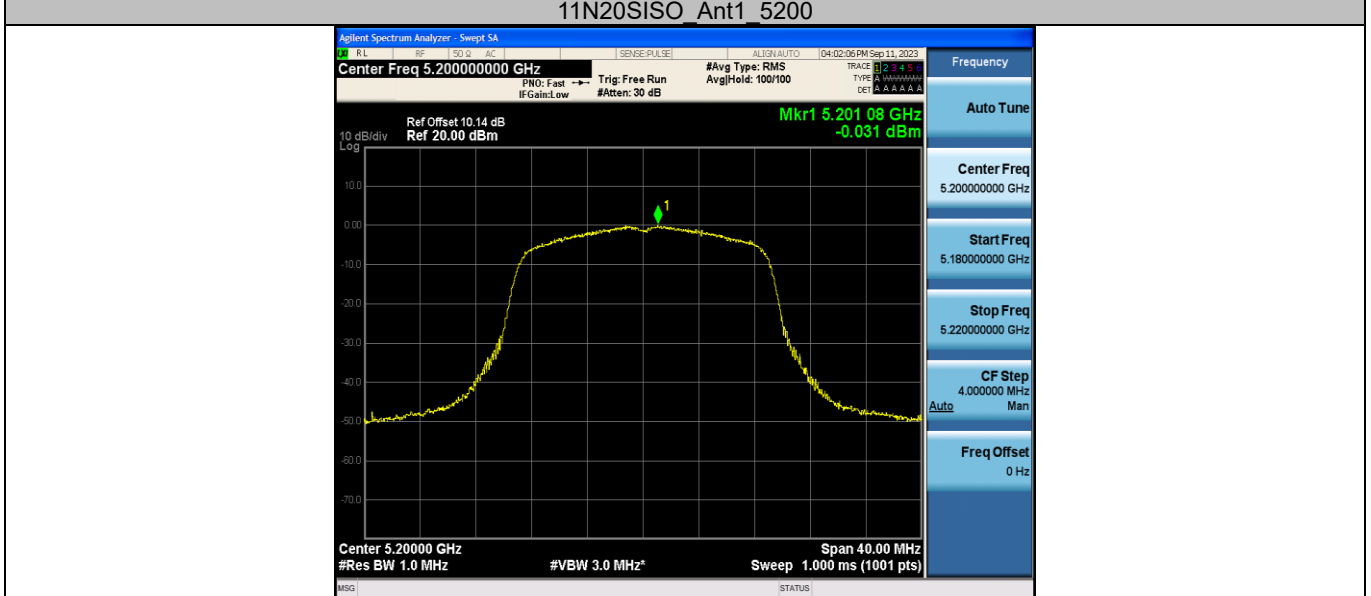
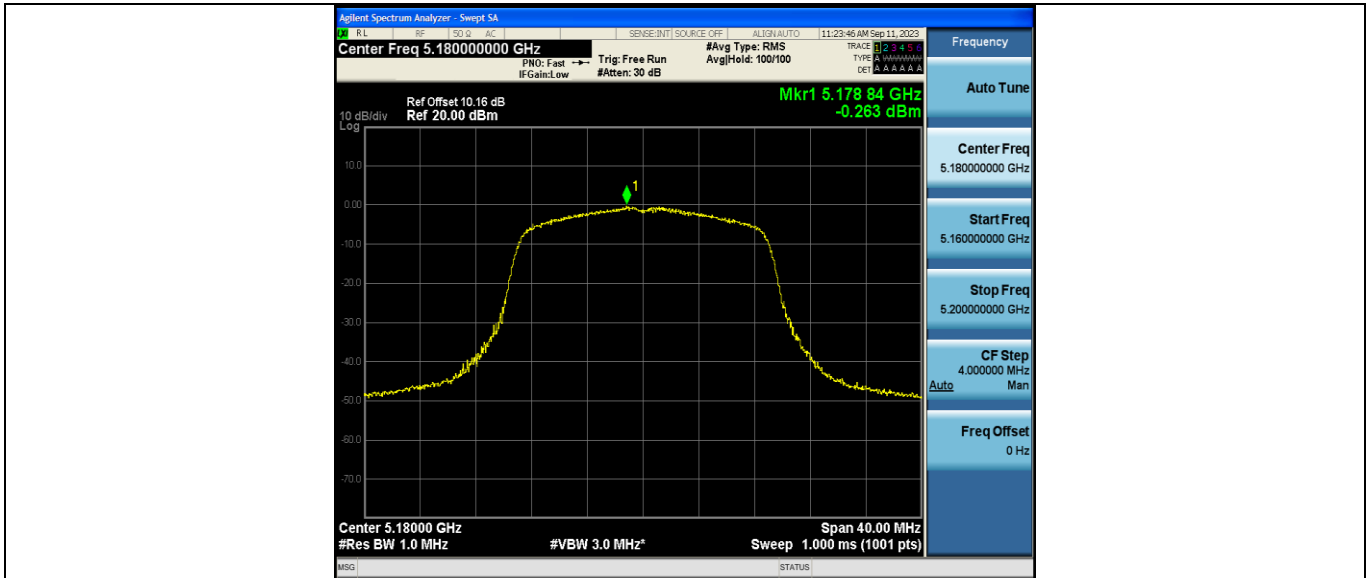
Note : 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

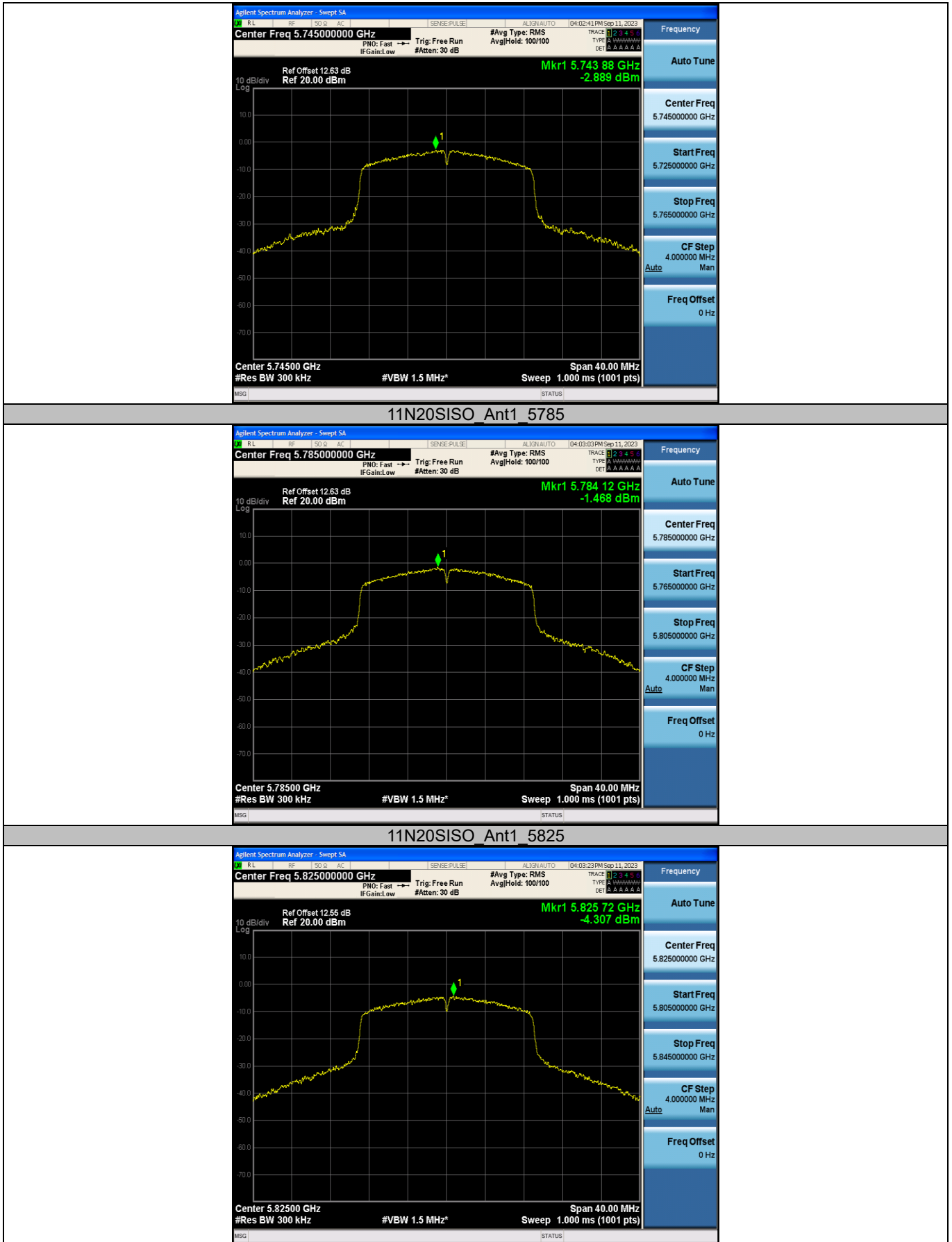
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

## Test Graphs



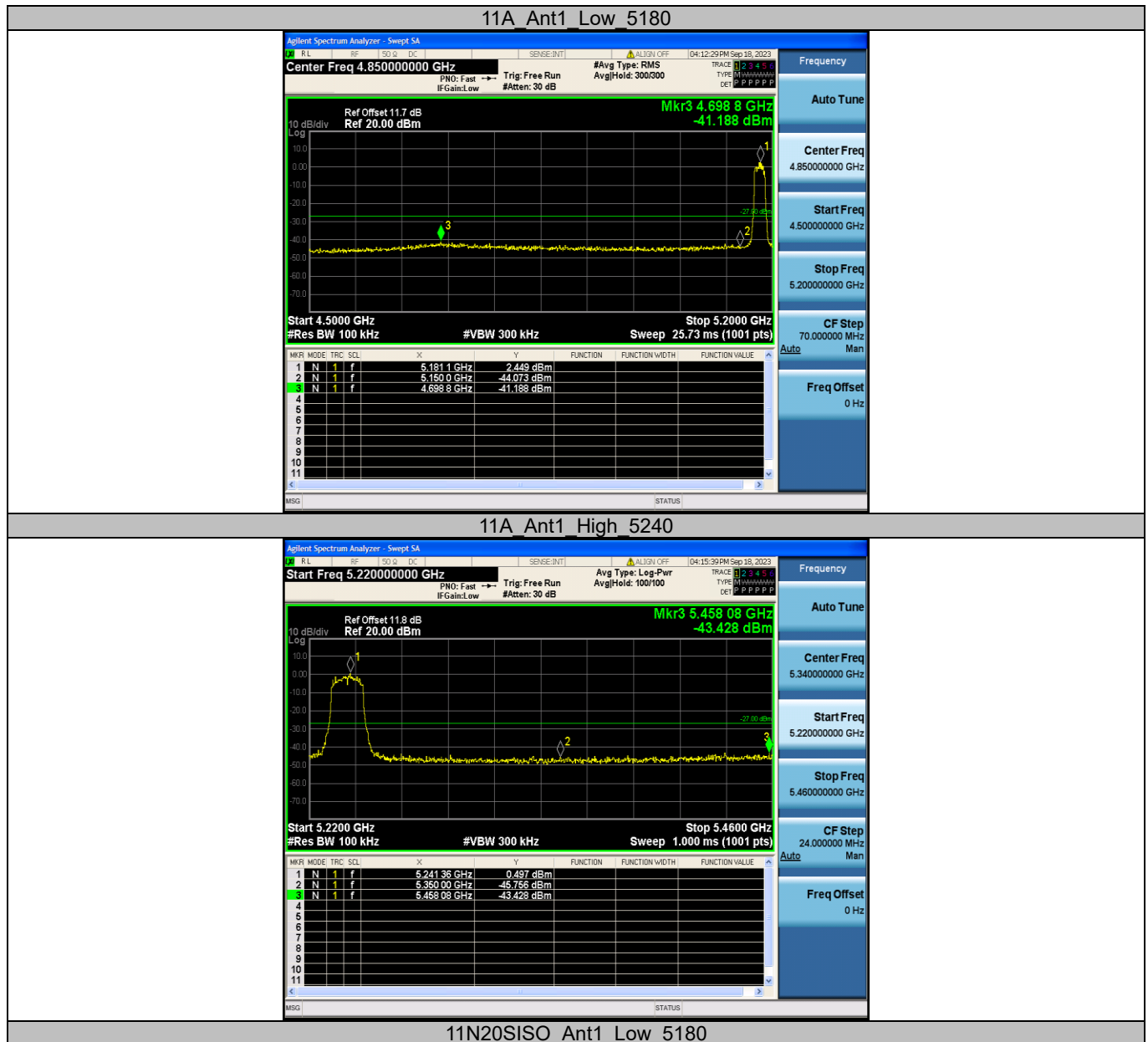


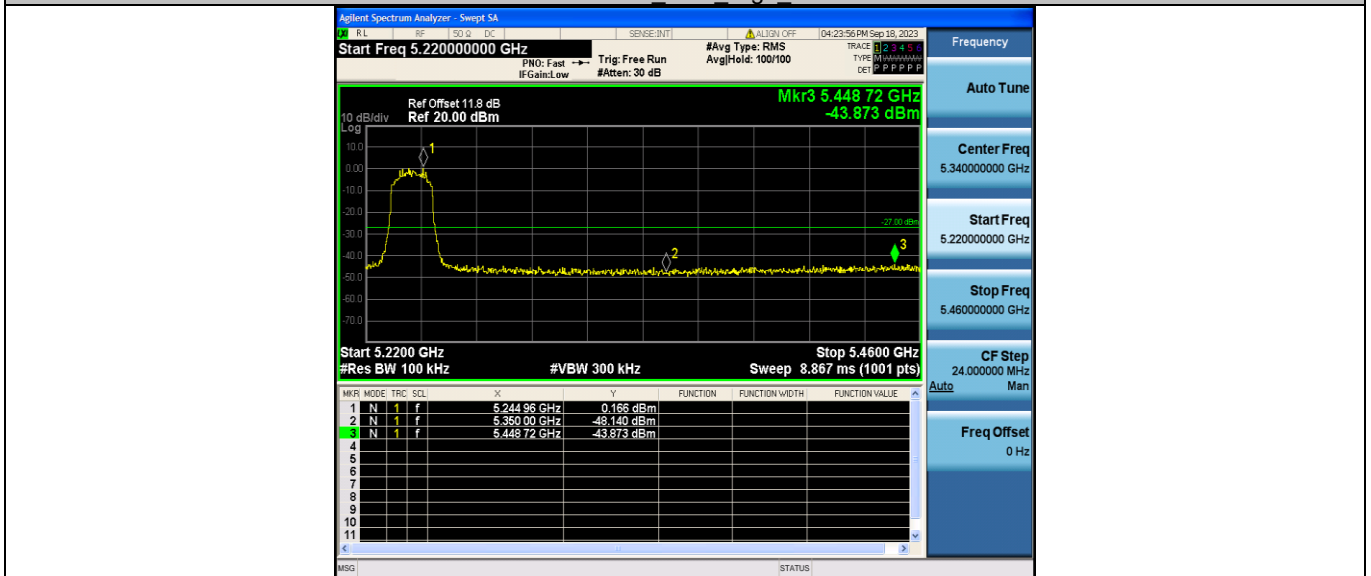




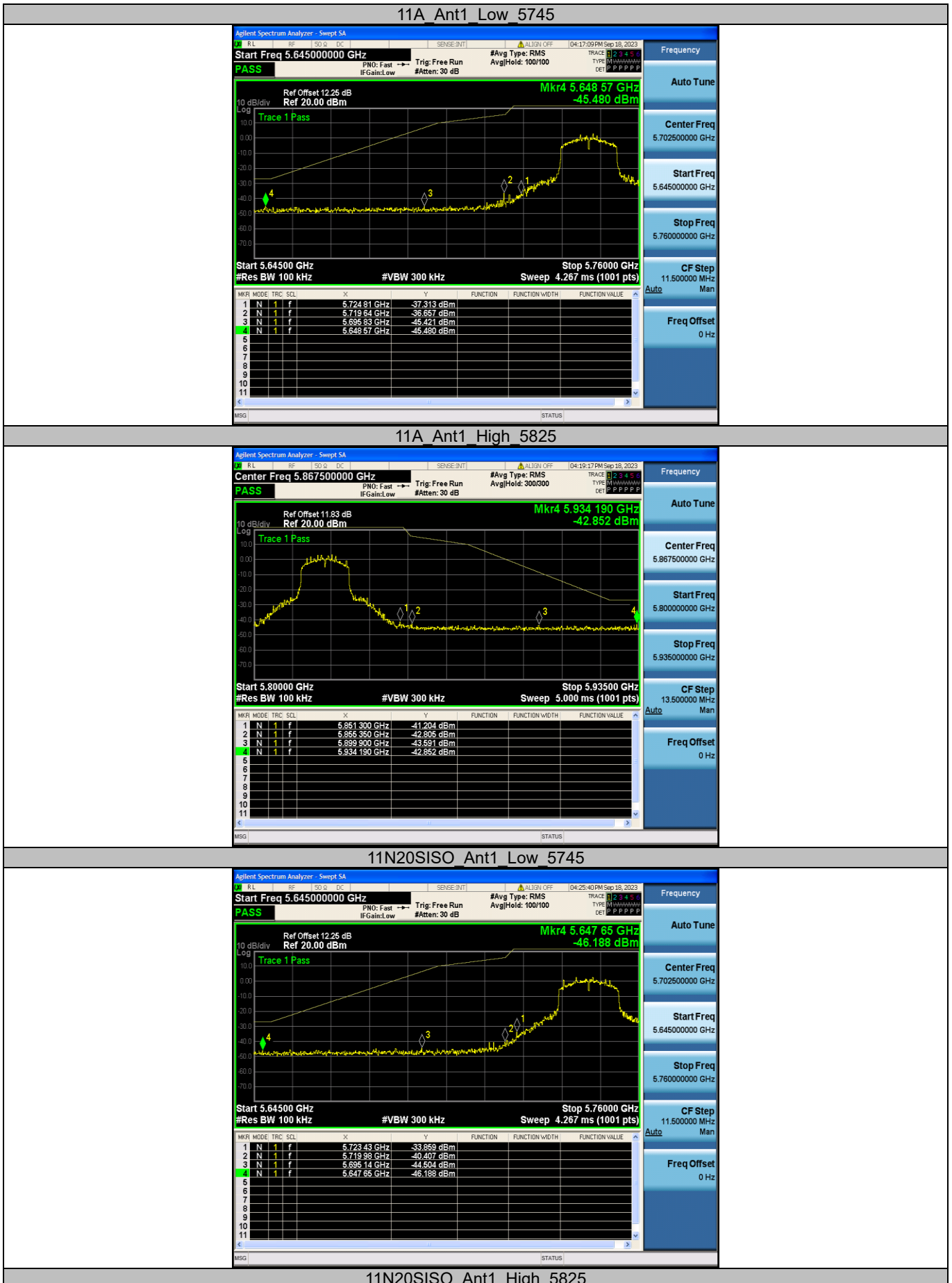
## Appendix E: Band edge measurements

### Test Graphs

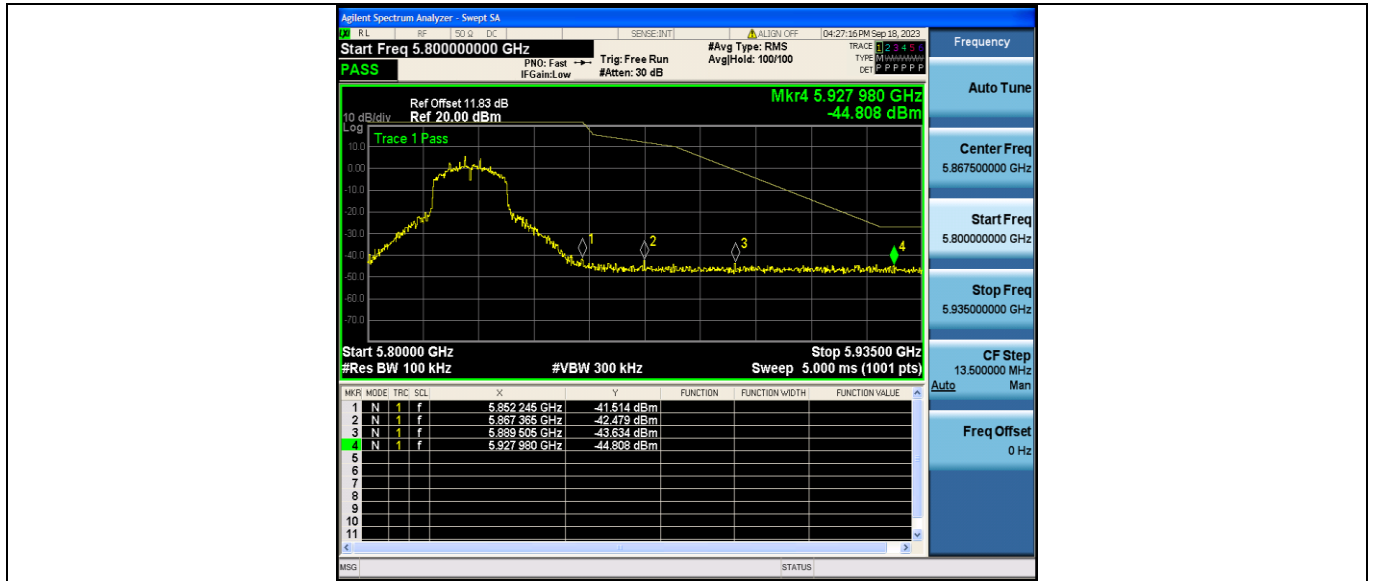



**11N20SISO Ant1 High 5240**


## Test Graphs B4



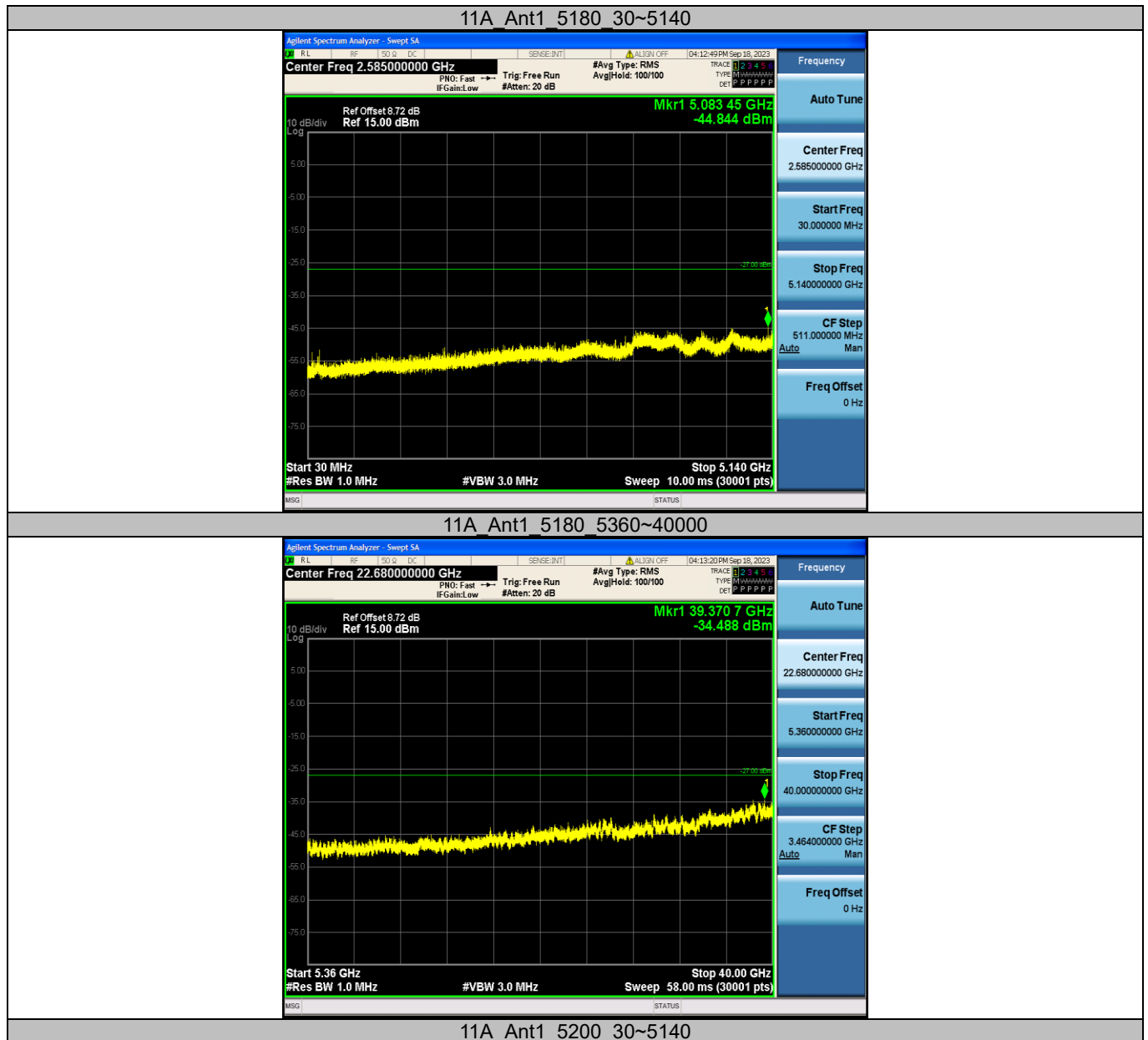


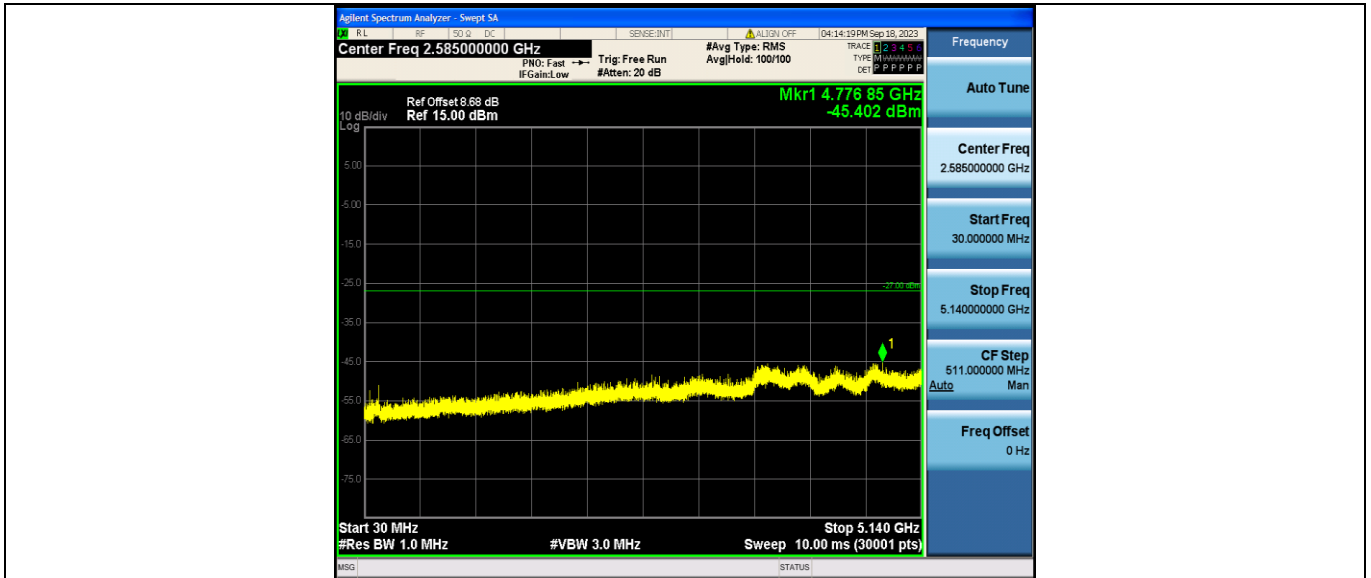


Note: Offset= Correct Factor (dBm)+Gain (dBi)

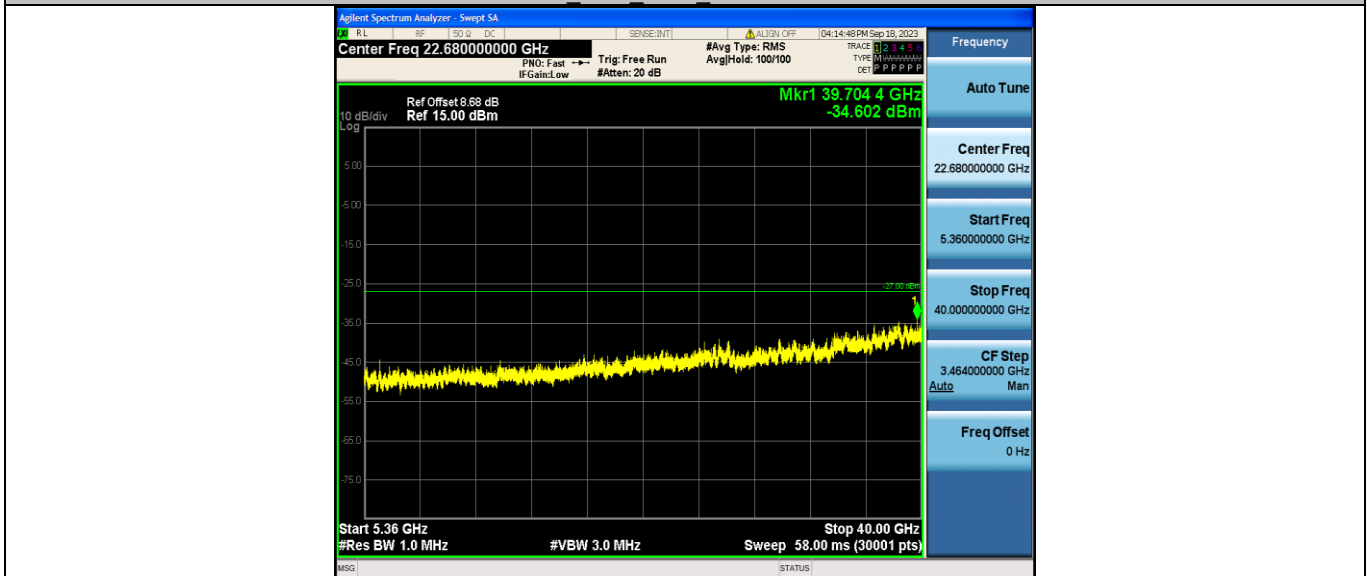
## Appendix F: Conducted Spurious Emission

### Test Graphs

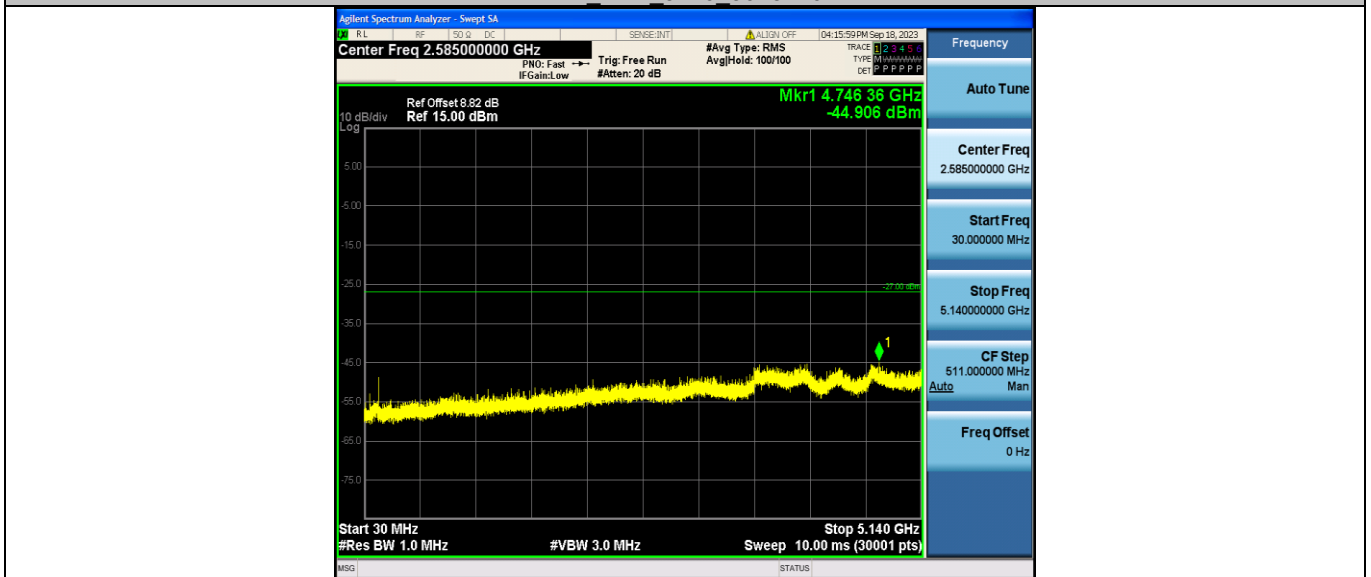




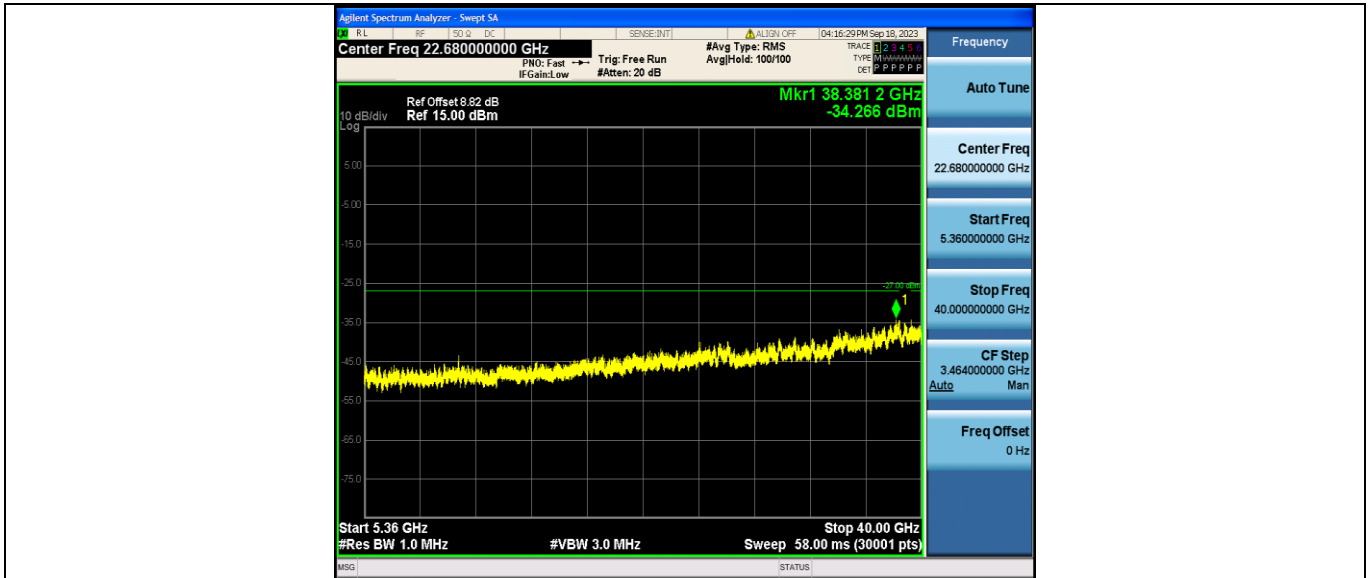
11A Ant1 5200 5360~4000



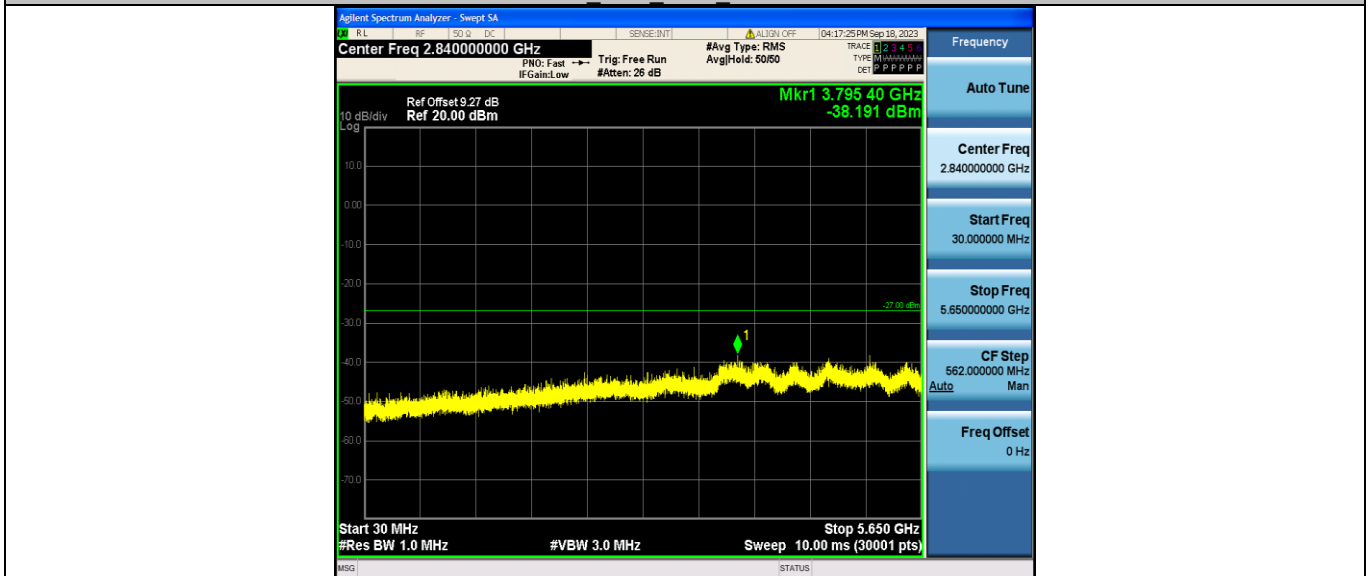
11A Ant1 5240 30~5140



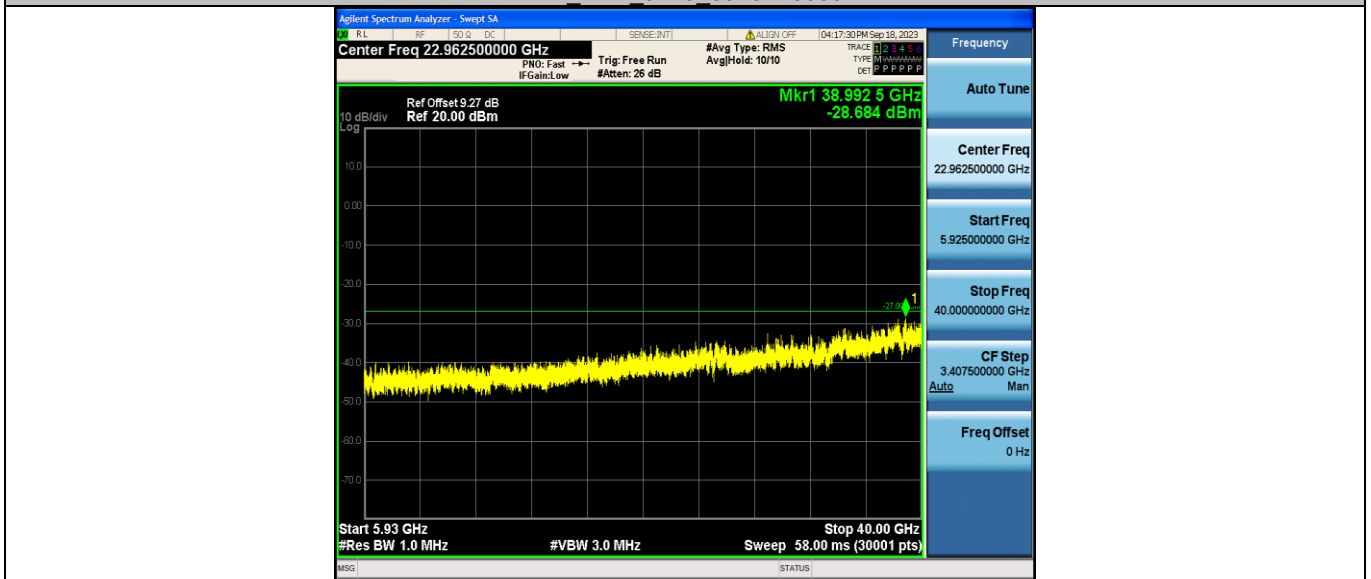
11A Ant1 5240 5360~4000



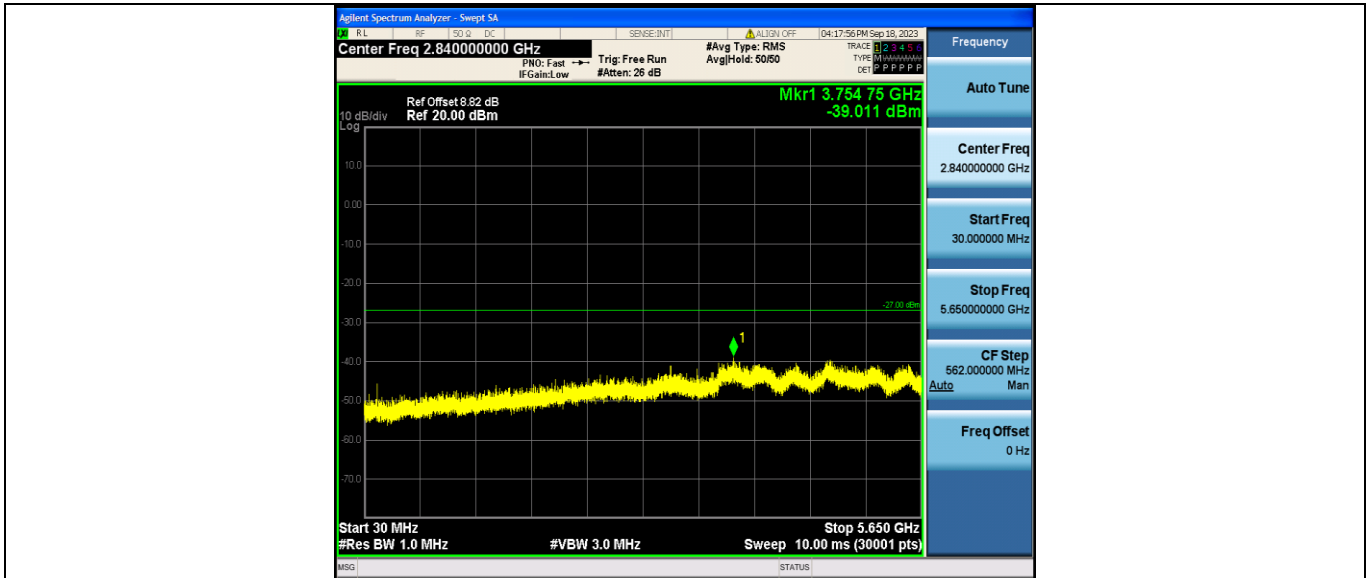
11A Ant1 5745 30~5650



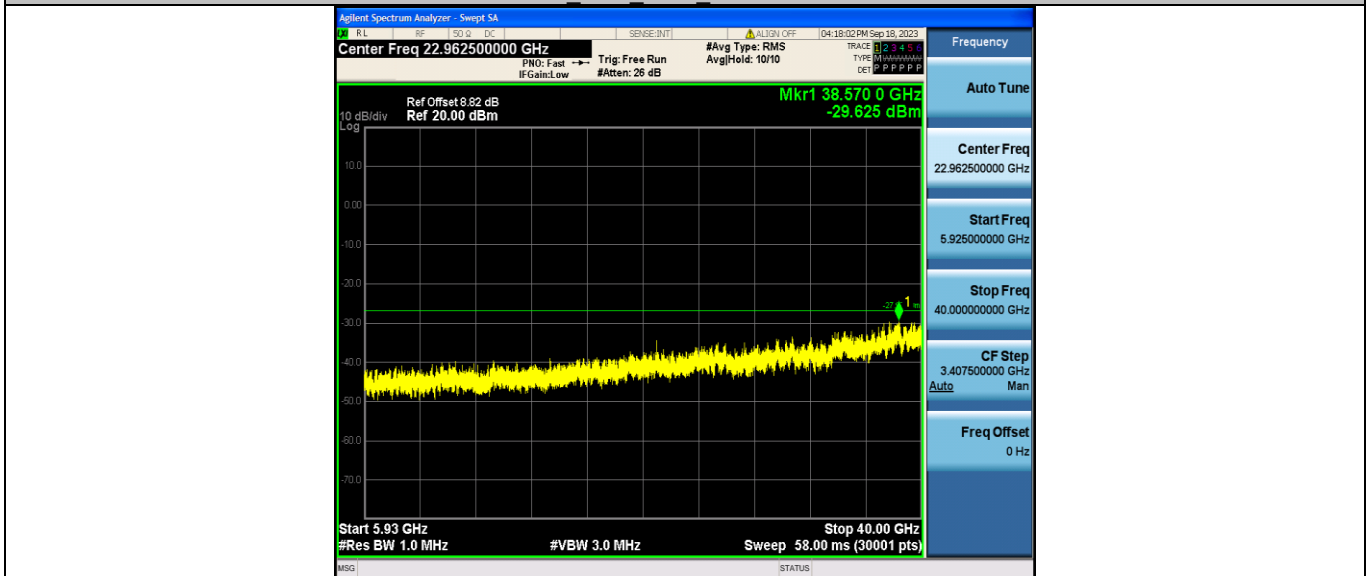
11A Ant1 5745 5925~40000



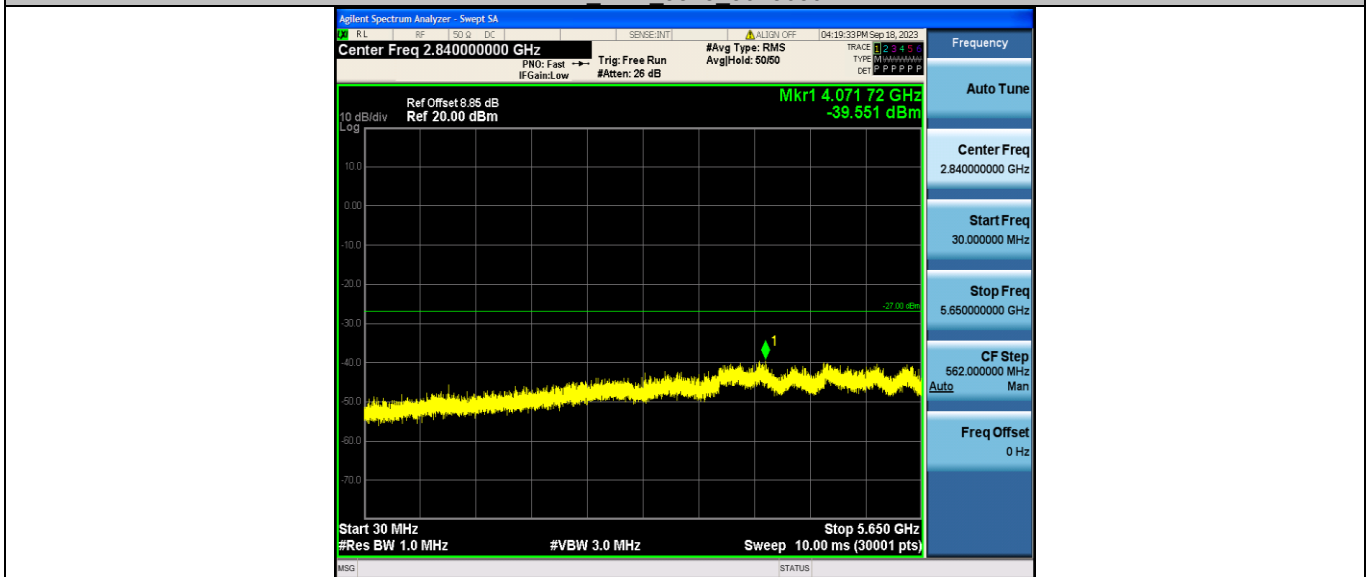
11A Ant1 5785 30~5650



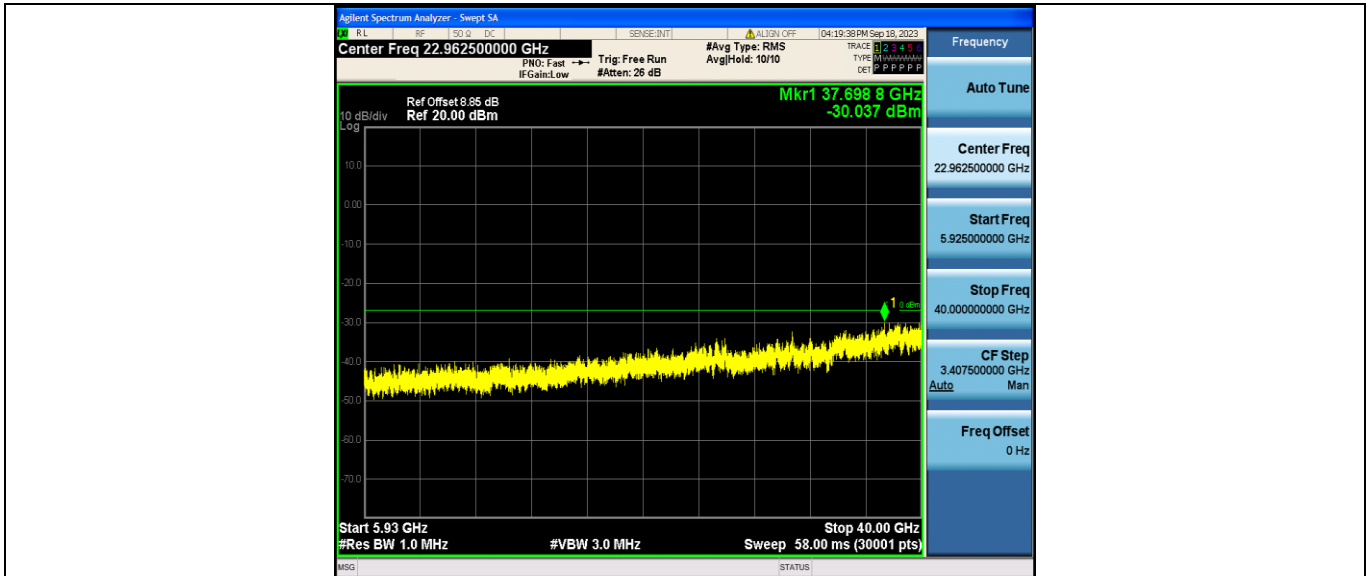
11A Ant1 5785 5925~4000



11A Ant1 5825 30~5650



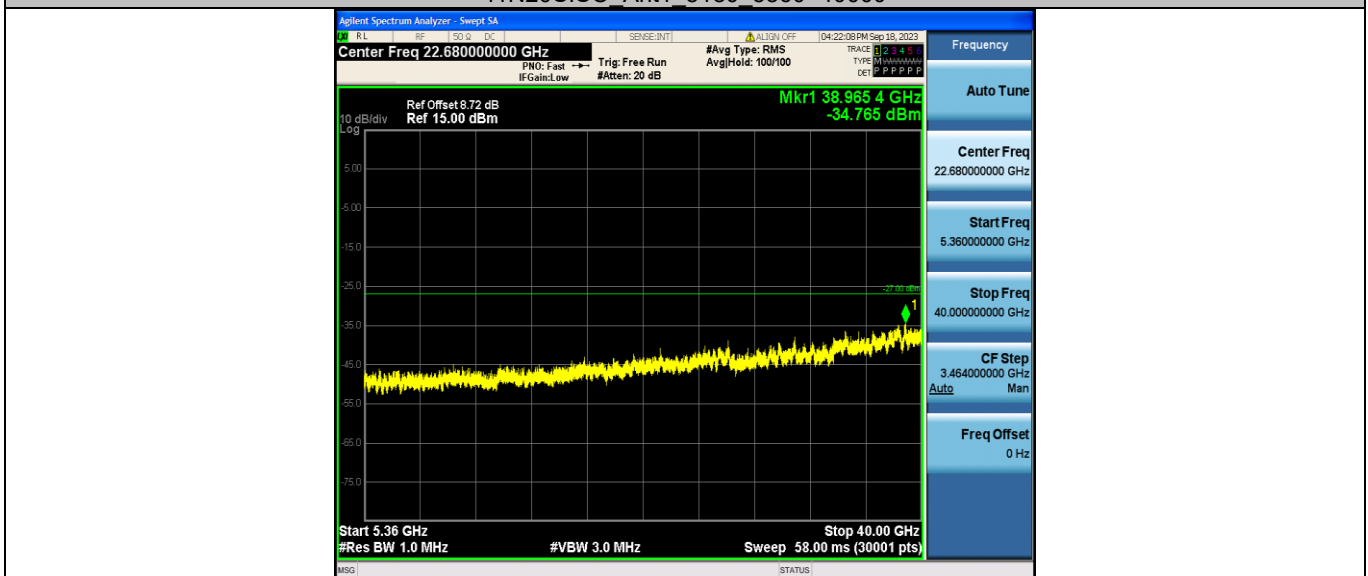
11A Ant1 5825 5925~4000



11N20SISO Ant1 5180 30~5140



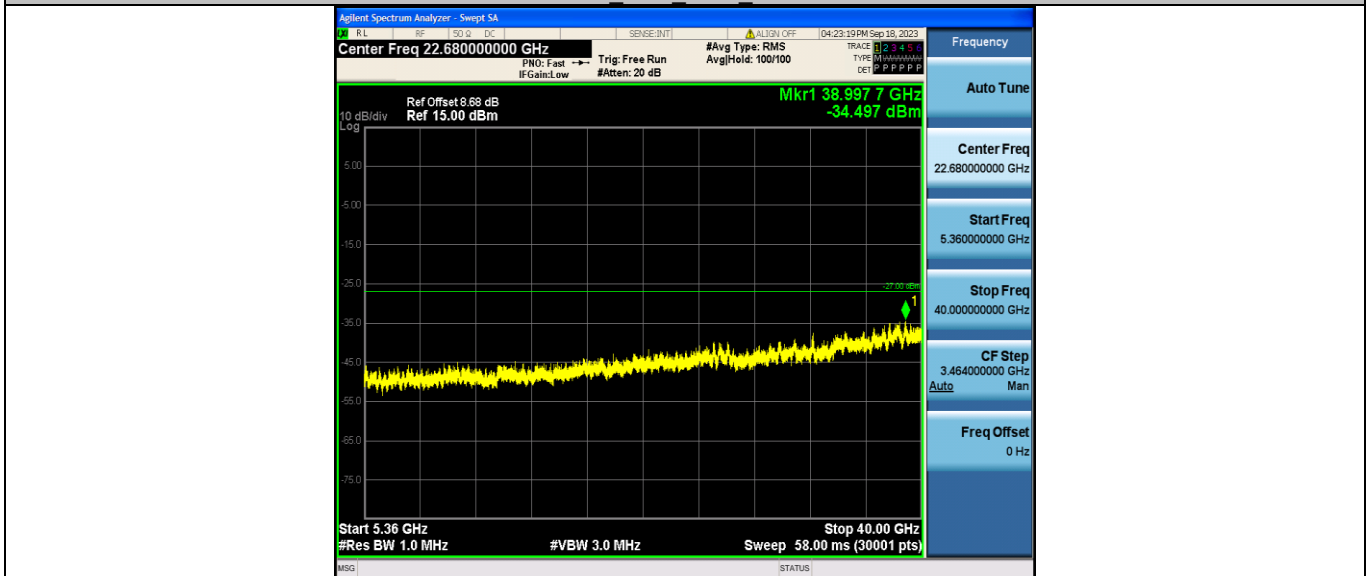
11N20SISO Ant1 5180 5360~40000



11N20SISO Ant1 5200 30~5140



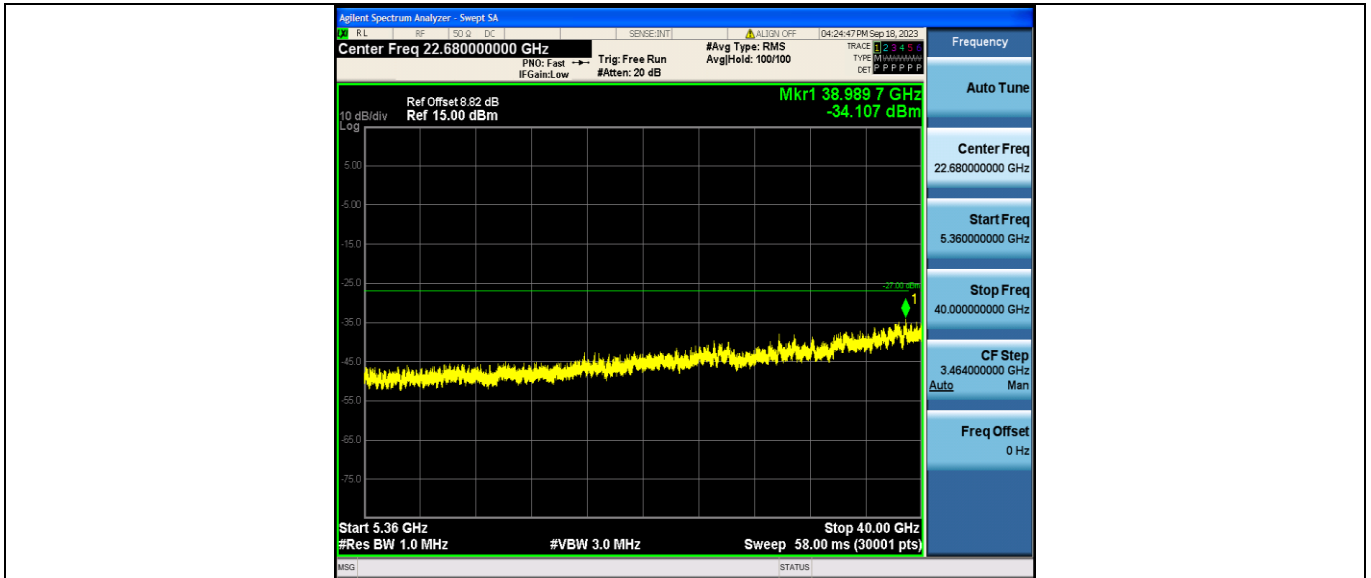
11N20SISO Ant1 5200 5360~40000



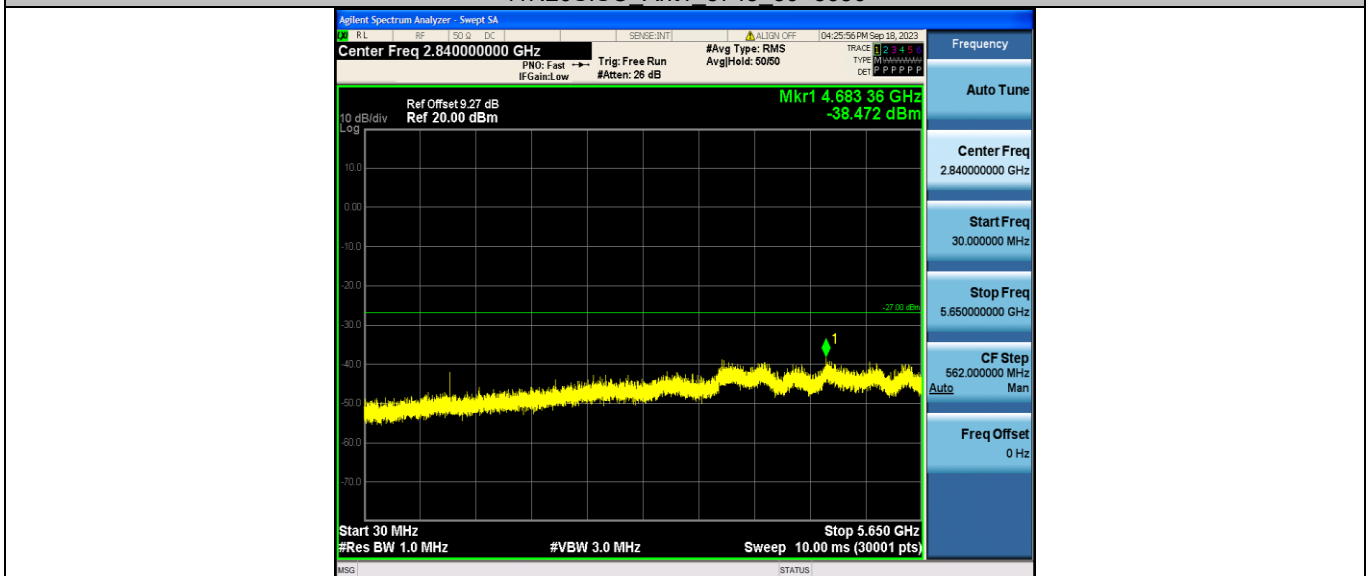
11N20SISO Ant1 5240 5360~40000



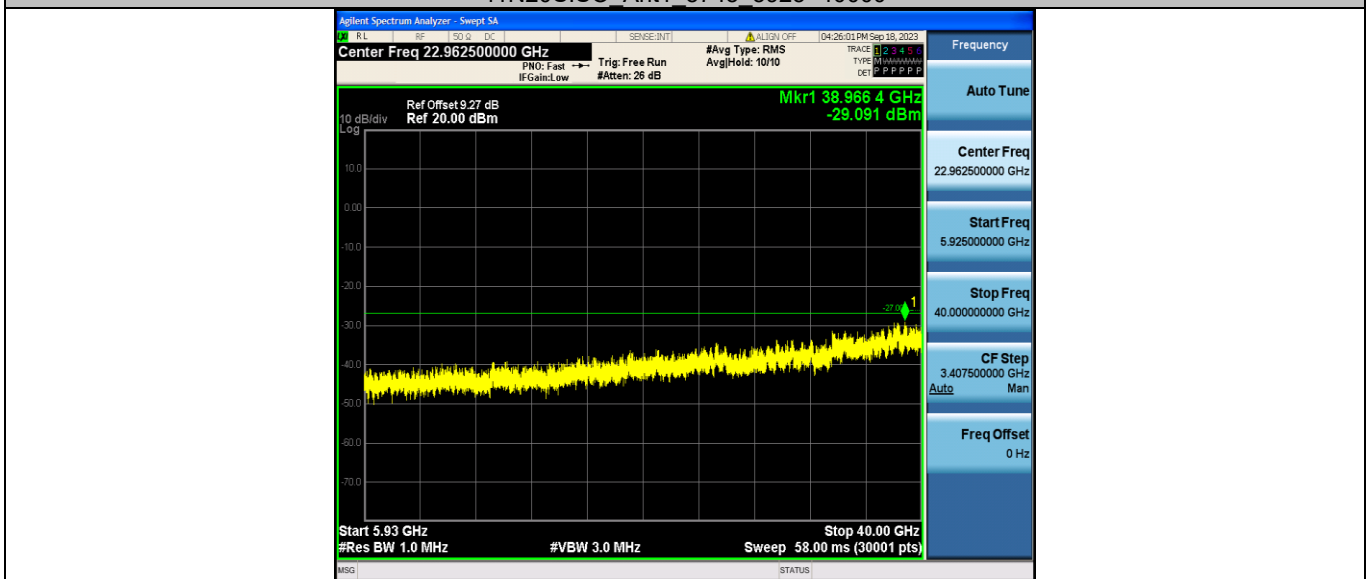
11N20SISO Ant1 5240 5360~40000



11N20SISO Ant1 5745 30~5650

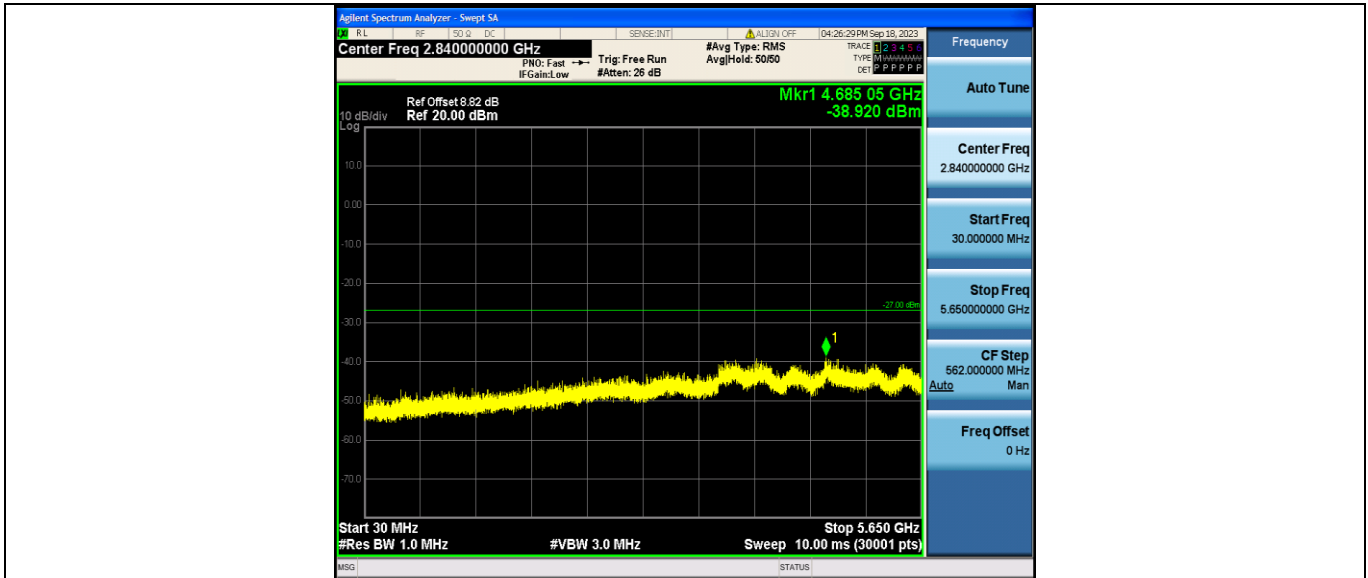


11N20SISO Ant1 5745 5925~40000

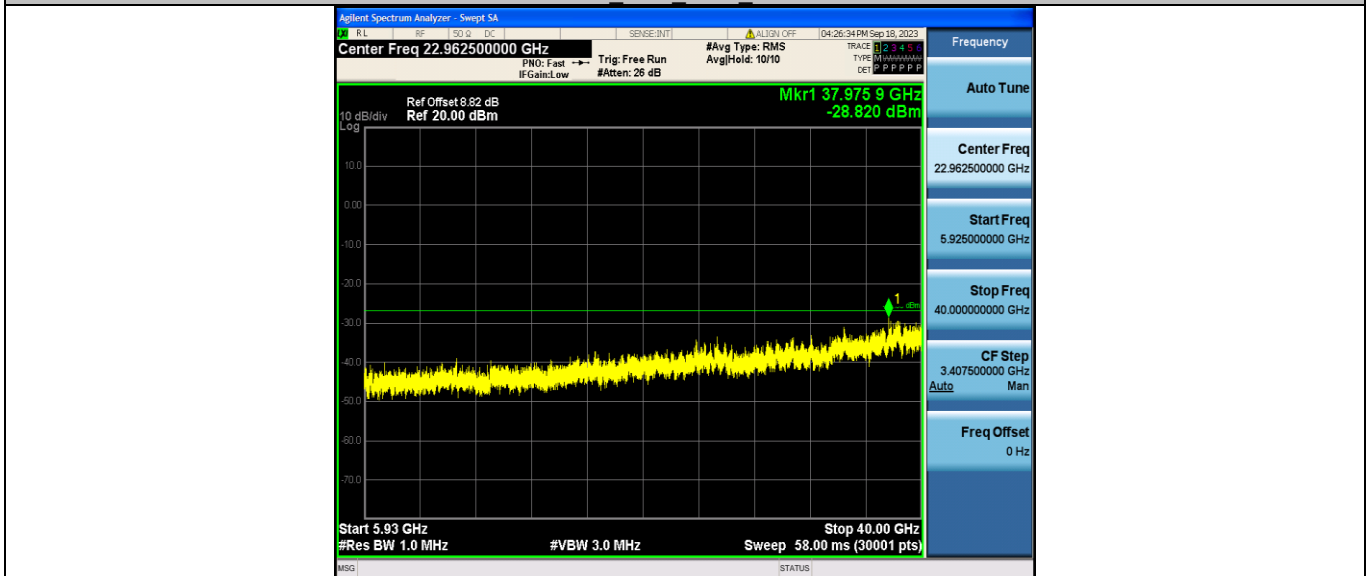


11N20SISO Ant1 5785 30~5650

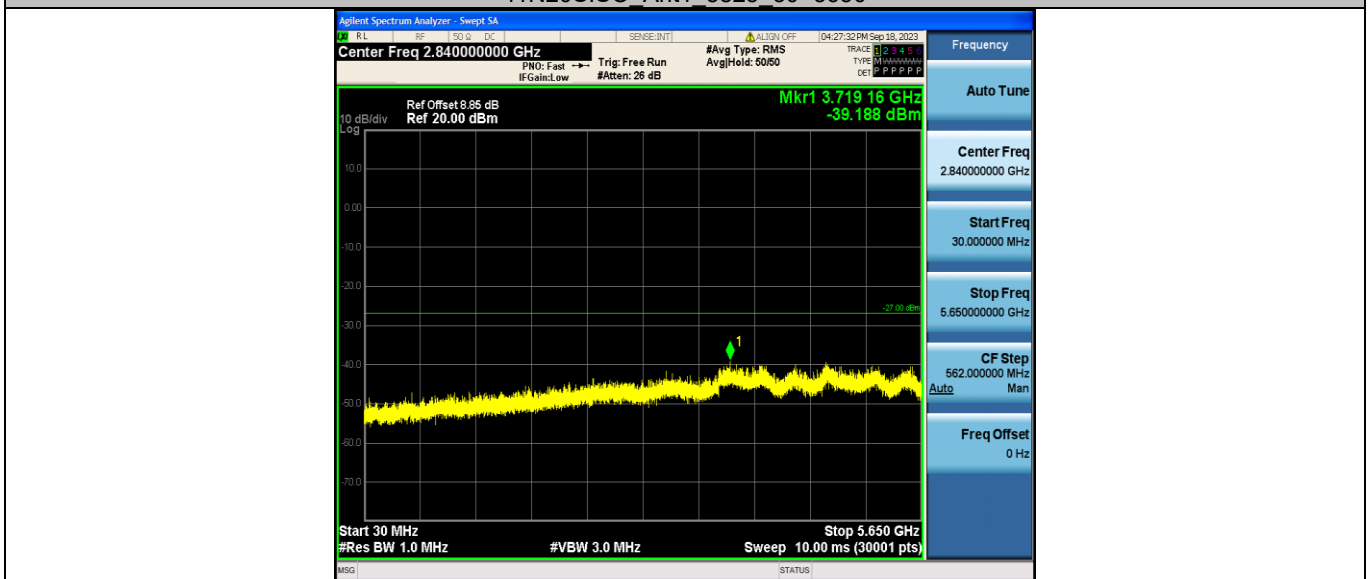




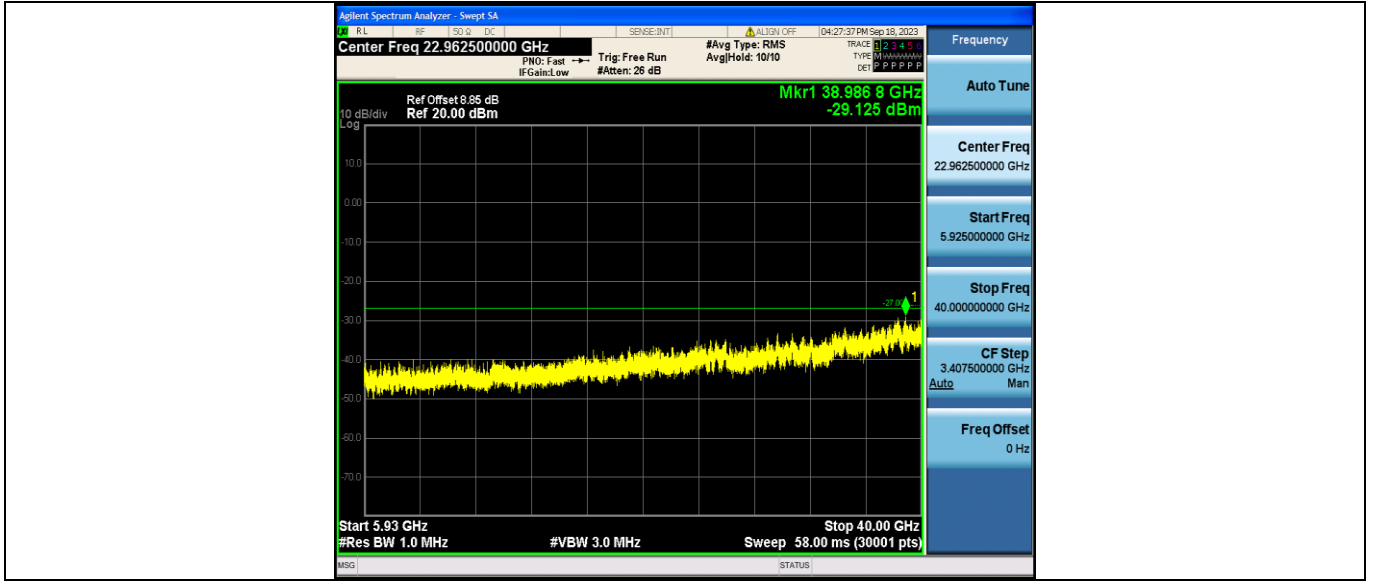
11N20SISO Ant1 5785 5925~40000



11N20SISO Ant1 5825 5925~40000



11N20SISO Ant1 5825 5925~40000



Note: Offset= Correct Factor (dBm)+Gain (dBi)

## Appendix G: Frequency Stability

### Test Result

Test Mode	Antenna	Frequency [MHz]	Voltage			Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict		
			Voltage [Vdc]	Temperature (°C)							
11A	Ant1	5180	NV	NT		-80000.00	-15.444015	20	PASS		
			LV	NT		-100000.00	-19.305019	20	PASS		
			HV	NT		-100000.00	-19.305019	20	PASS		
		5200	NV	NT		-40000.00	-7.692308	20	PASS		
			LV	NT		-40000.00	-7.692308	20	PASS		
			HV	NT		-40000.00	-7.692308	20	PASS		
		5240	NV	NT		-20000.00	-3.816794	20	PASS		
			LV	NT		-40000.00	-7.633588	20	PASS		
			HV	NT		-20000.00	-3.816794	20	PASS		
		5745	NV	NT		40000.00	6.962576	20	PASS		
			LV	NT		20000.00	3.481288	20	PASS		
			HV	NT		20000.00	3.481288	20	PASS		
		5785	NV	NT		-80000.00	-13.828868	20	PASS		
			LV	NT		-60000.00	-10.371651	20	PASS		
			HV	NT		-40000.00	-6.914434	20	PASS		
		5825	NV	NT		-80000.00	-13.733906	20	PASS		
			LV	NT		-20000.00	-3.433476	20	PASS		
			HV	NT		-40000.00	-6.866953	20	PASS		
		11N20SISO	Ant1	5180	NV	NT		-60000.00	-11.583012	20	PASS
					LV	NT		-20000.00	-3.861004	20	PASS
					HV	NT		-40000.00	-7.722008	20	PASS
				5200	NV	NT		-20000.00	-3.846154	20	PASS
					LV	NT		-60000.00	-11.538462	20	PASS
					HV	NT		-60000.00	-11.538462	20	PASS
				5240	NV	NT		-40000.00	-7.633588	20	PASS
					LV	NT		-40000.00	-7.633588	20	PASS
					HV	NT		-40000.00	-7.633588	20	PASS
5745	NV			NT		-80000.00	-13.925152	20	PASS		
	LV			NT		0.00	0.000000	20	PASS		
	HV			NT		-40000.00	-6.962576	20	PASS		
5785	NV			NT		-80000.00	-13.828868	20	PASS		
	LV			NT		-20000.00	-3.457217	20	PASS		
	HV			NT		-60000.00	-10.371651	20	PASS		
5825	NV			NT		-60000.00	-10.300429	20	PASS		
	LV			NT		-60000.00	-10.300429	20	PASS		
	HV			NT		-60000.00	-10.300429	20	PASS		

Test Mode	Antenna	Frequency [MHz]	Temperature			Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
			Voltage [Vdc]	Temperature (°C)					
11A	Ant1	5180	NV	-30		-80000.00	-15.444015	20	PASS
			NV	-20		-100000.00	-19.305019	20	PASS
			NV	-10		-100000.00	-19.305019	20	PASS
			NV	0		-100000.00	-19.305019	20	PASS
			NV	10		-100000.00	-19.305019	20	PASS
			NV	20		-100000.00	-19.305019	20	PASS
			NV	30		-100000.00	-19.305019	20	PASS
			NV	40		-60000.00	-11.583012	20	PASS
		5200	NV	50		-80000.00	-15.444015	20	PASS
			NV	-30		-60000.00	-11.538462	20	PASS
			NV	-20		-40000.00	-7.692308	20	PASS
			NV	-10		-40000.00	-7.692308	20	PASS
			NV	0		-60000.00	-11.538462	20	PASS
			NV	10		-60000.00	-11.538462	20	PASS
			NV	20		-40000.00	-7.692308	20	PASS
			NV	30		-40000.00	-7.692308	20	PASS
			NV	40		-60000.00	-11.538462	20	PASS

		5240	NV	50	-40000.00	-7.692308	20	PASS
			NV	-30	-40000.00	-7.633588	20	PASS
			NV	-20	-60000.00	-11.450382	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-40000.00	-7.633588	20	PASS
			NV	10	-40000.00	-7.633588	20	PASS
			NV	20	-40000.00	-7.633588	20	PASS
			NV	30	-20000.00	-3.816794	20	PASS
			NV	40	-60000.00	-11.450382	20	PASS
			NV	50	80000.00	15.267176	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	20000.00	3.481288	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-20000.00	-3.481288	20	PASS
			NV	30	-20000.00	-3.481288	20	PASS
			NV	40	0.00	0.000000	20	PASS
		5785	NV	50	-60000.00	-10.443864	20	PASS
			NV	-30	-60000.00	-10.371651	20	PASS
			NV	-20	-60000.00	-10.371651	20	PASS
			NV	-10	-60000.00	-10.371651	20	PASS
			NV	0	-60000.00	-10.371651	20	PASS
			NV	10	-60000.00	-10.371651	20	PASS
			NV	20	-60000.00	-10.371651	20	PASS
			NV	30	-20000.00	-3.457217	20	PASS
		5825	NV	40	-40000.00	-6.914434	20	PASS
			NV	50	-80000.00	-13.828868	20	PASS
			NV	-30	-60000.00	-10.300429	20	PASS
			NV	-20	-60000.00	-10.300429	20	PASS
			NV	-10	-40000.00	-6.866953	20	PASS
			NV	0	-60000.00	-10.300429	20	PASS
			NV	10	-60000.00	-10.300429	20	PASS
			NV	20	-60000.00	-10.300429	20	PASS
		5180	NV	30	-40000.00	-6.866953	20	PASS
			NV	40	-40000.00	-6.866953	20	PASS
			NV	50	-40000.00	-6.866953	20	PASS
			NV	-30	-40000.00	-7.722008	20	PASS
			NV	-20	-40000.00	-7.722008	20	PASS
			NV	-10	-60000.00	-11.583012	20	PASS
			NV	0	-40000.00	-7.722008	20	PASS
			NV	10	-60000.00	-11.583012	20	PASS
			NV	20	-60000.00	-11.583012	20	PASS
			NV	30	-40000.00	-7.722008	20	PASS
		5200	NV	40	-40000.00	-7.722008	20	PASS
NV	50		-80000.00	-15.444015	20	PASS		
NV	-30		-40000.00	-7.692308	20	PASS		
NV	-20		-60000.00	-11.538462	20	PASS		
NV	-10		-60000.00	-11.538462	20	PASS		
NV	0		-20000.00	-3.846154	20	PASS		
NV	10		-60000.00	-11.538462	20	PASS		
NV	20		-40000.00	-7.692308	20	PASS		
5240	NV	30	-20000.00	-3.846154	20	PASS		
	NV	40	-40000.00	-7.692308	20	PASS		
	NV	50	-40000.00	-7.692308	20	PASS		
	NV	-30	-60000.00	-11.450382	20	PASS		
	NV	-20	-20000.00	-3.816794	20	PASS		
	NV	-10	-20000.00	-3.816794	20	PASS		
	NV	0	0.00	0.000000	20	PASS		
	NV	10	-20000.00	-3.816794	20	PASS		
5745	NV	20	-60000.00	-11.450382	20	PASS		
	NV	30	-20000.00	-3.816794	20	PASS		
	NV	40	-40000.00	-7.633588	20	PASS		
	NV	50	0.00	0.000000	20	PASS		
		5745	NV	-30	-80000.00	-13.925152	20	PASS
			NV	-20	-60000.00	-10.443864	20	PASS

			NV	-10	-20000.00	-3.481288	20	PASS
			NV	0	-20000.00	-3.481288	20	PASS
			NV	10	-60000.00	-10.443864	20	PASS
			NV	20	-60000.00	-10.443864	20	PASS
			NV	30	-80000.00	-13.925152	20	PASS
			NV	40	-60000.00	-10.443864	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5785	NV	-30	-40000.00	-6.914434	20	PASS
			NV	-20	-60000.00	-10.371651	20	PASS
			NV	-10	-60000.00	-10.371651	20	PASS
			NV	0	-40000.00	-6.914434	20	PASS
			NV	10	-80000.00	-13.828868	20	PASS
			NV	20	-60000.00	-10.371651	20	PASS
			NV	30	-40000.00	-6.914434	20	PASS
			NV	40	-60000.00	-10.371651	20	PASS
		5825	NV	50	-60000.00	-10.371651	20	PASS
			NV	-30	-40000.00	-6.866953	20	PASS
			NV	-20	-60000.00	-10.300429	20	PASS
			NV	-10	-80000.00	-13.733906	20	PASS
			NV	0	-80000.00	-13.733906	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-60000.00	-10.300429	20	PASS
			NV	30	-40000.00	-6.866953	20	PASS
		NV	40	-40000.00	-6.866953	20	PASS	
		NV	50	-60000.00	-10.300429	20	PASS	