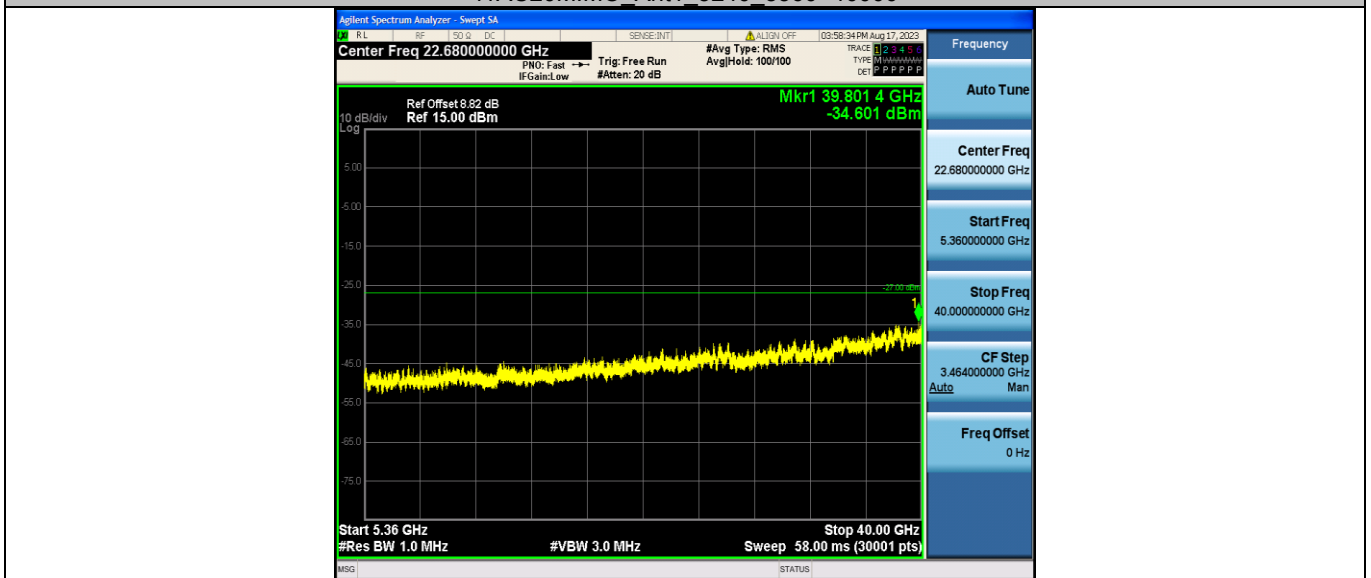


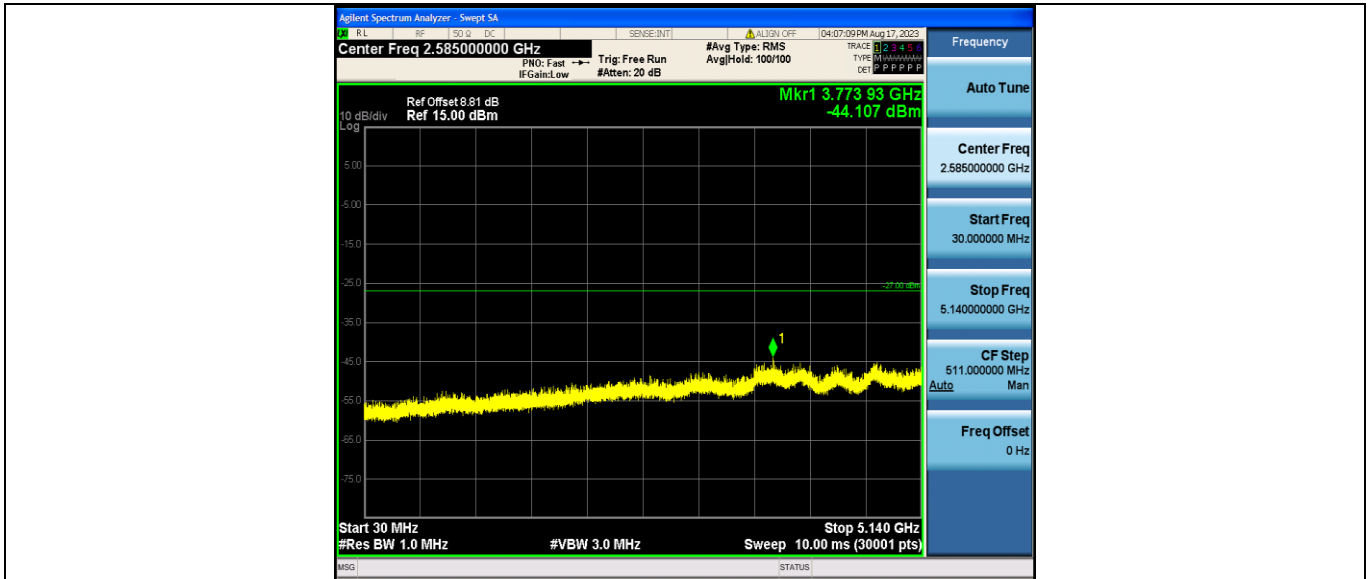
11AC20MIMO Ant1 5240 30~5140



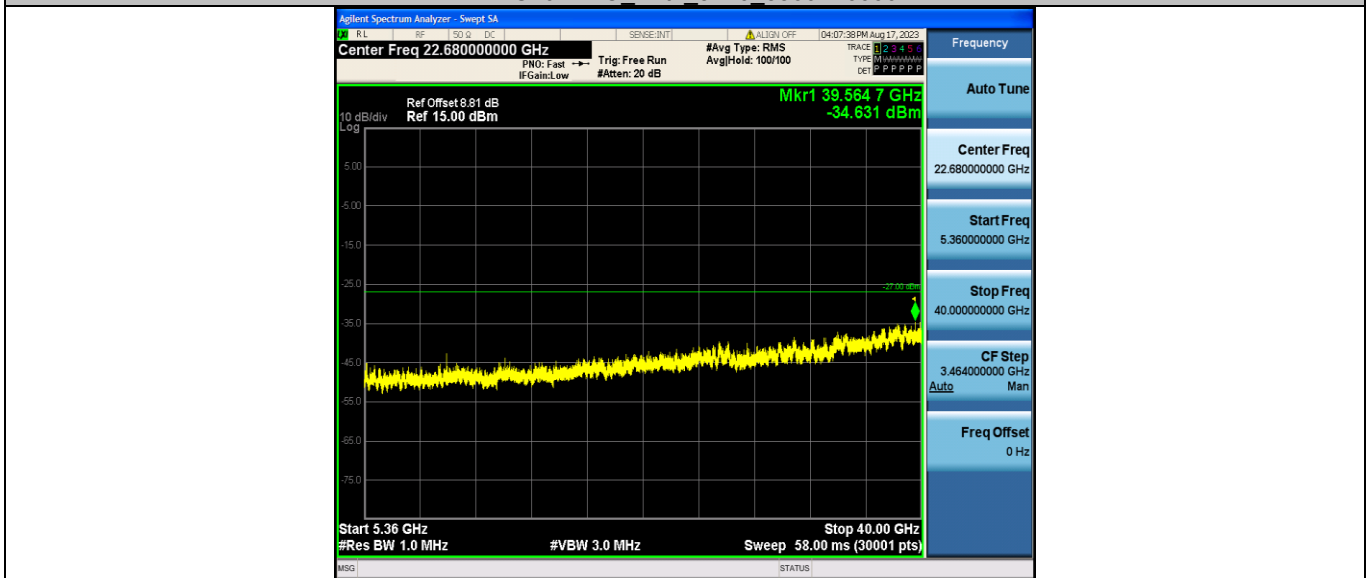
11AC20MIMO Ant1 5240 5360~40000



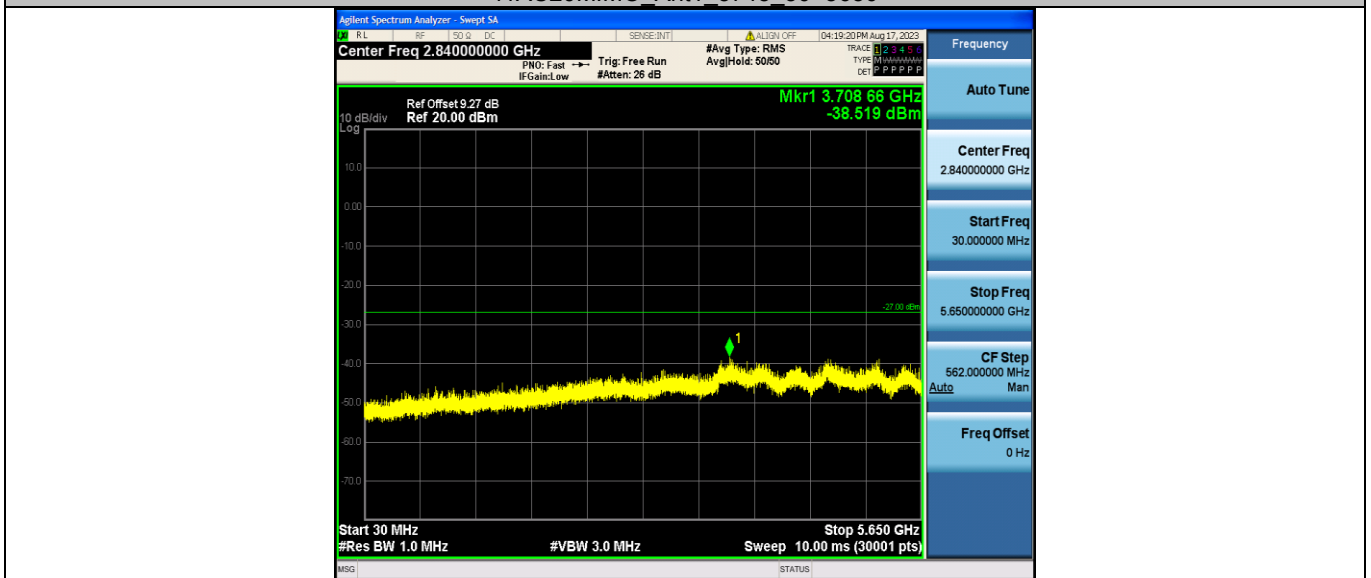
11AC20MIMO Ant2 5240 30~5140



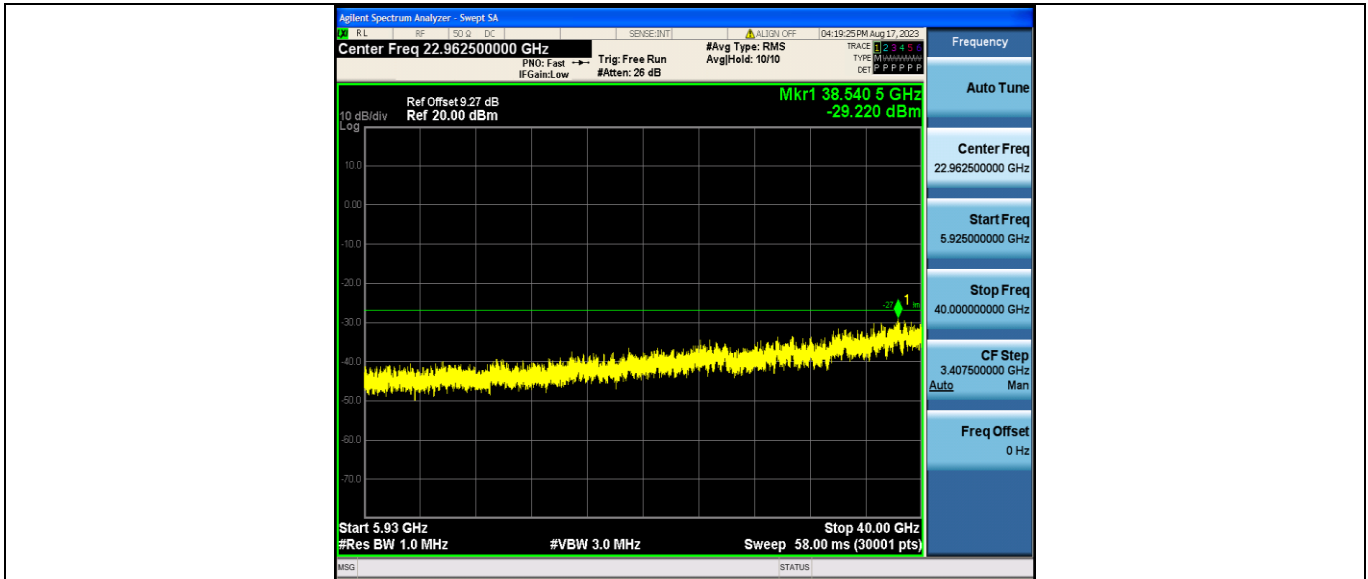
11AC20MIMO Ant2 5240 5360~40000



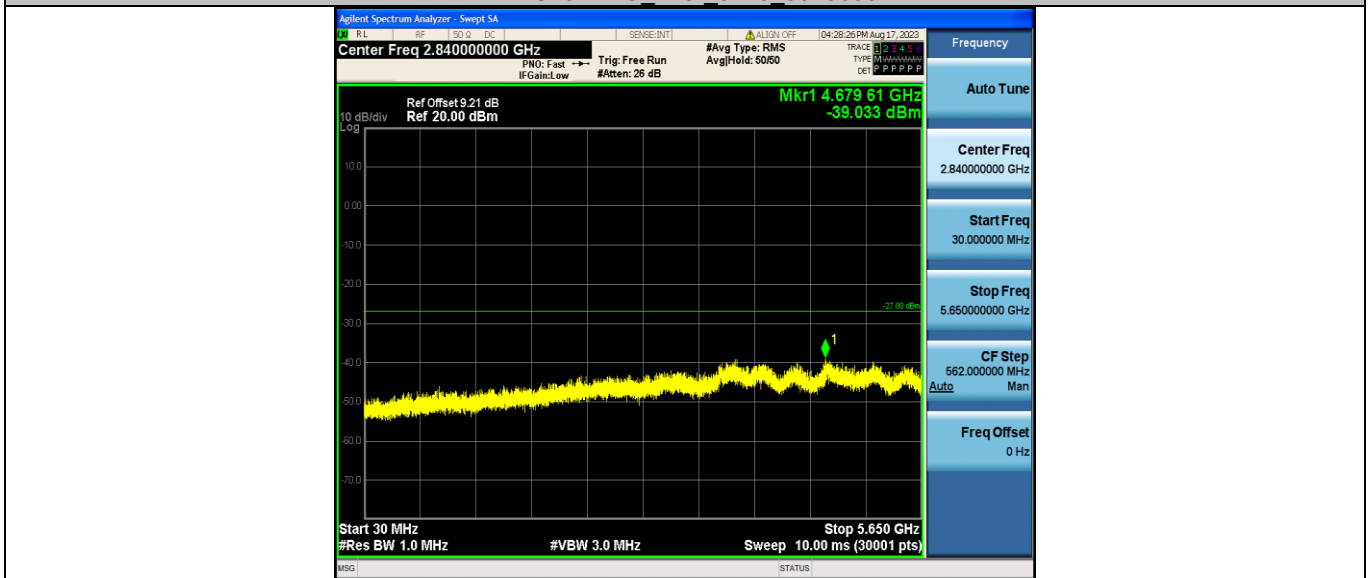
11AC20MIMO Ant1 5745 30~5650



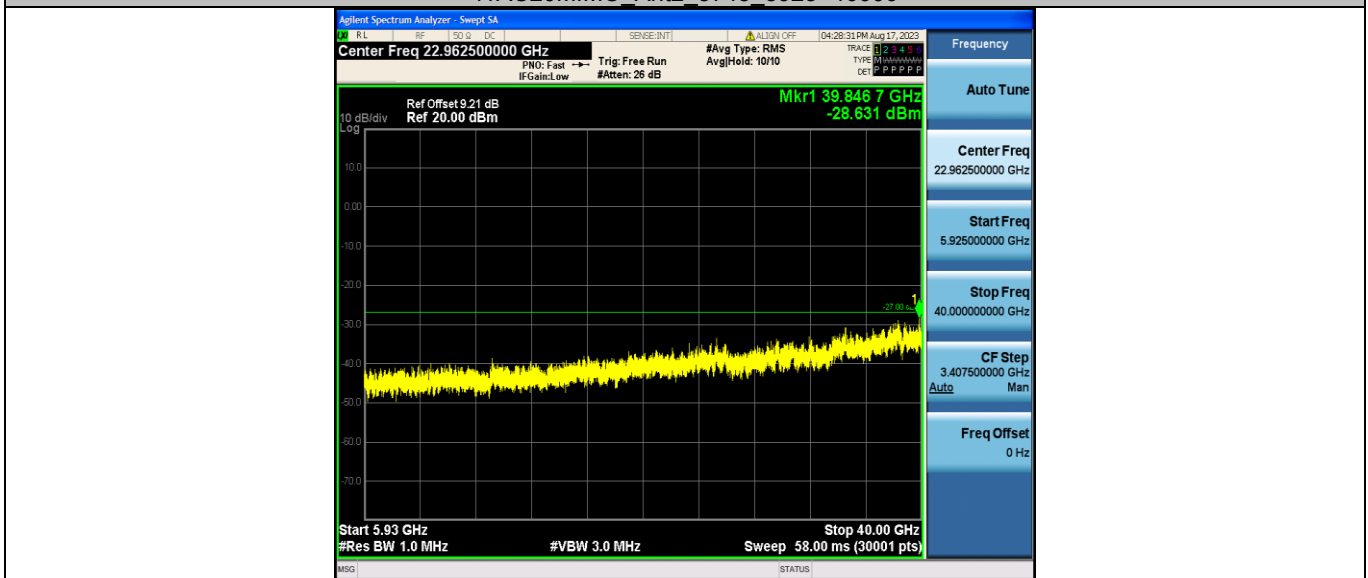
11AC20MIMO Ant1 5745 5925~40000



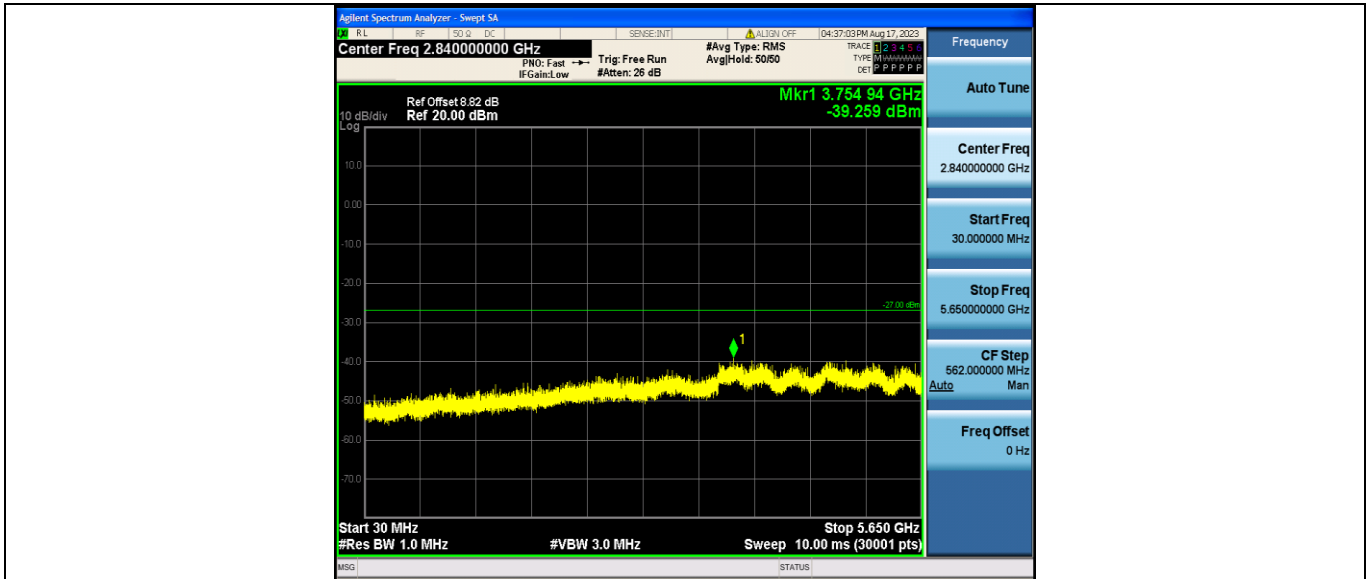
11AC20MIMO Ant2_5745_30~5650



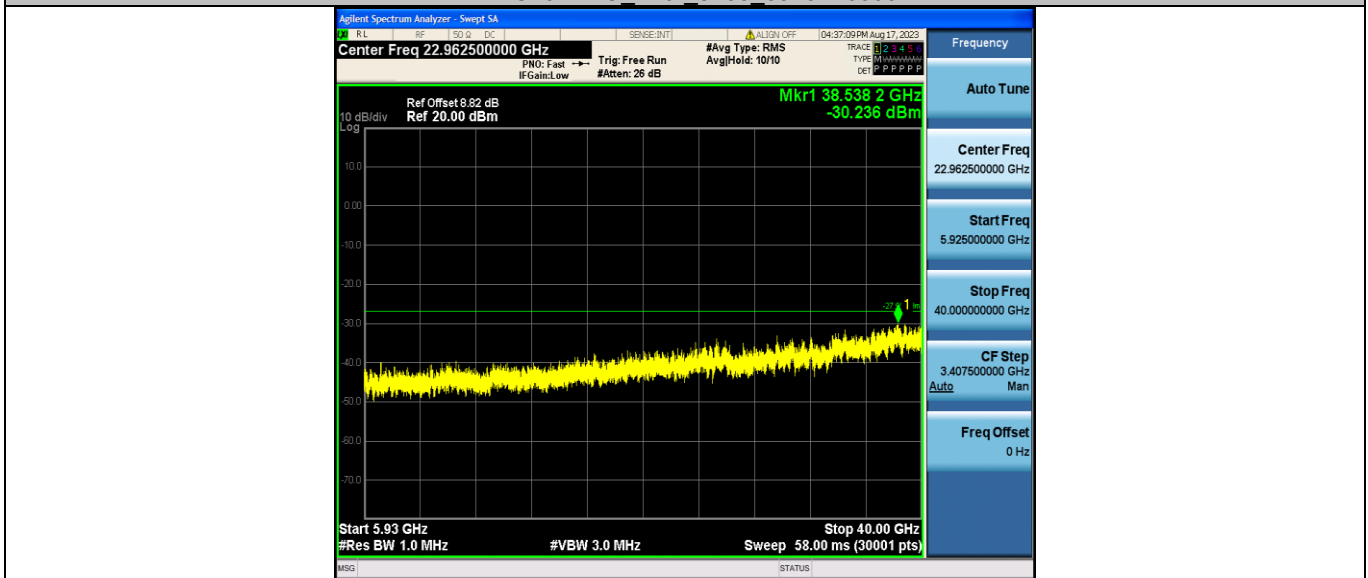
11AC20MIMO Ant2_5745_5925~40000



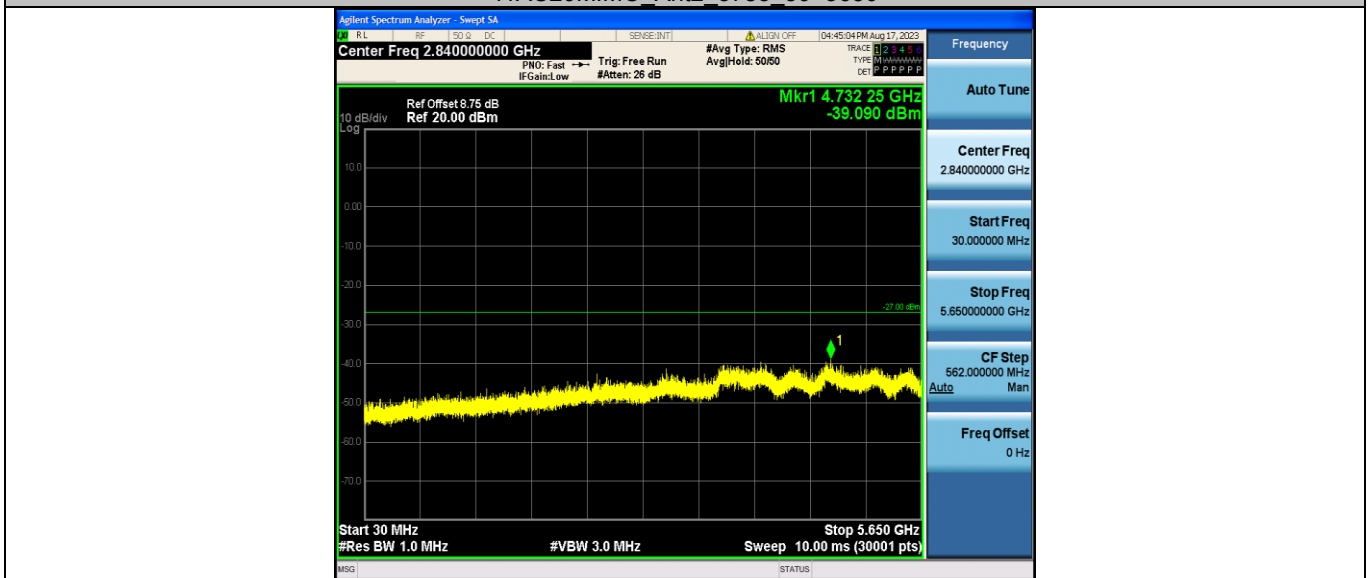
11AC20MIMO Ant1_5785_30~5650



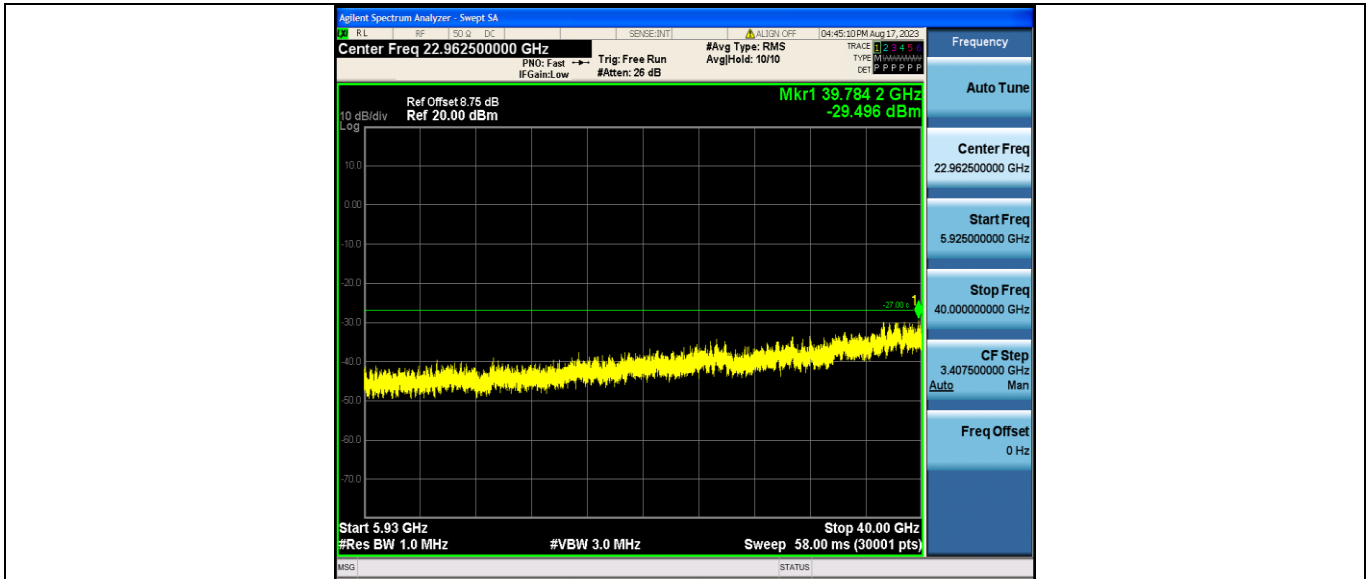
11AC20MIMO_Ant1_5785_5925~40000



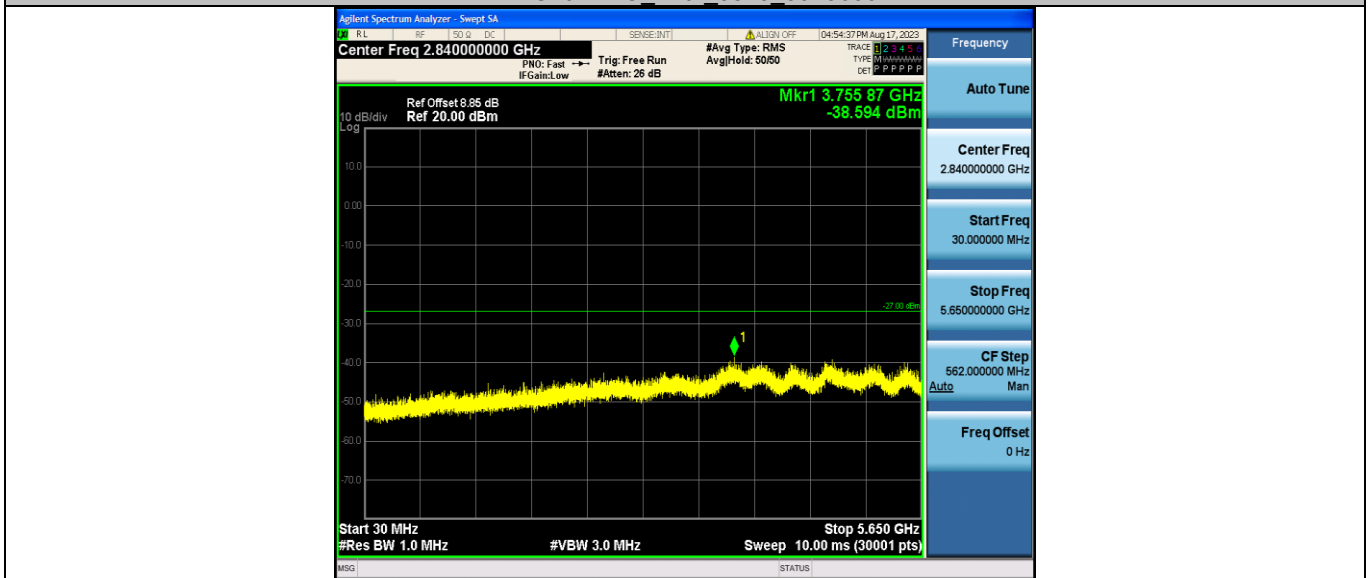
11AC20MIMO_Ant2_5785_30~5650



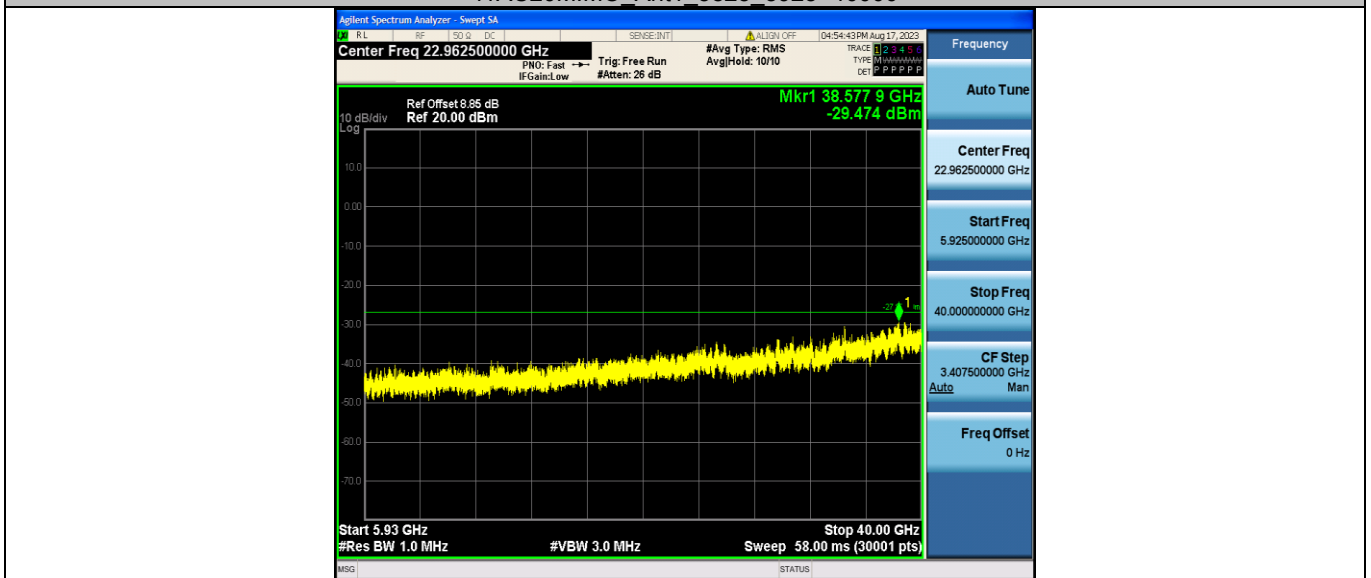
11AC20MIMO_Ant2_5785_5925~40000



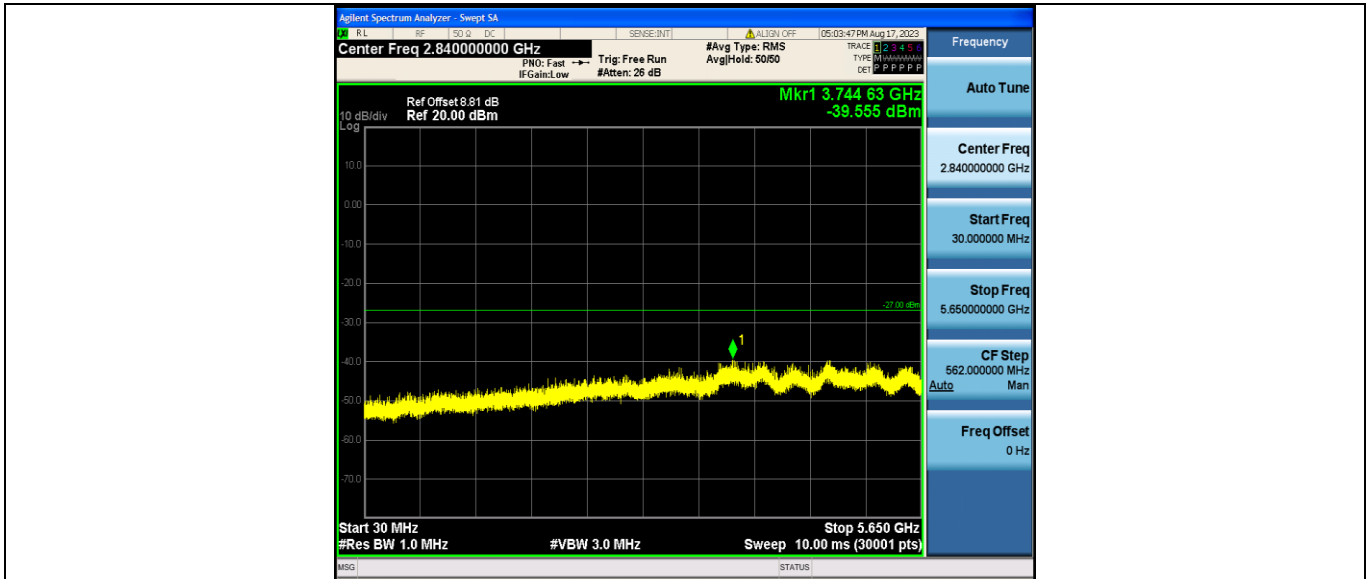
11AC20MIMO Ant1 5825 30~5650



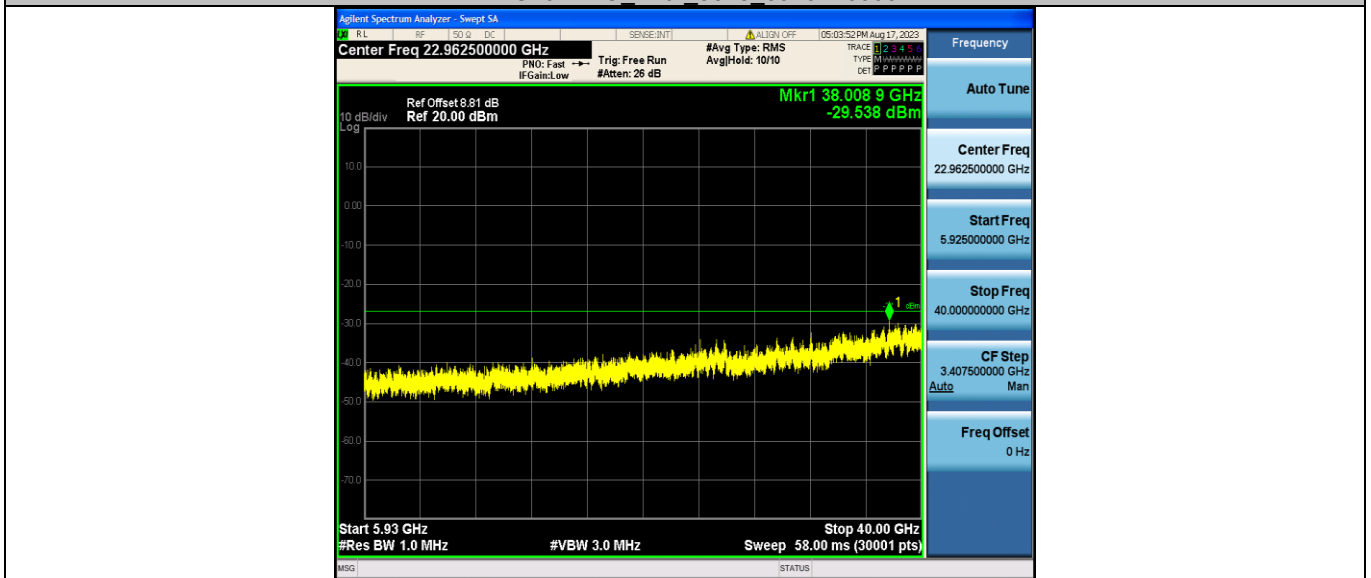
11AC20MIMO Ant1 5825 5925~40000



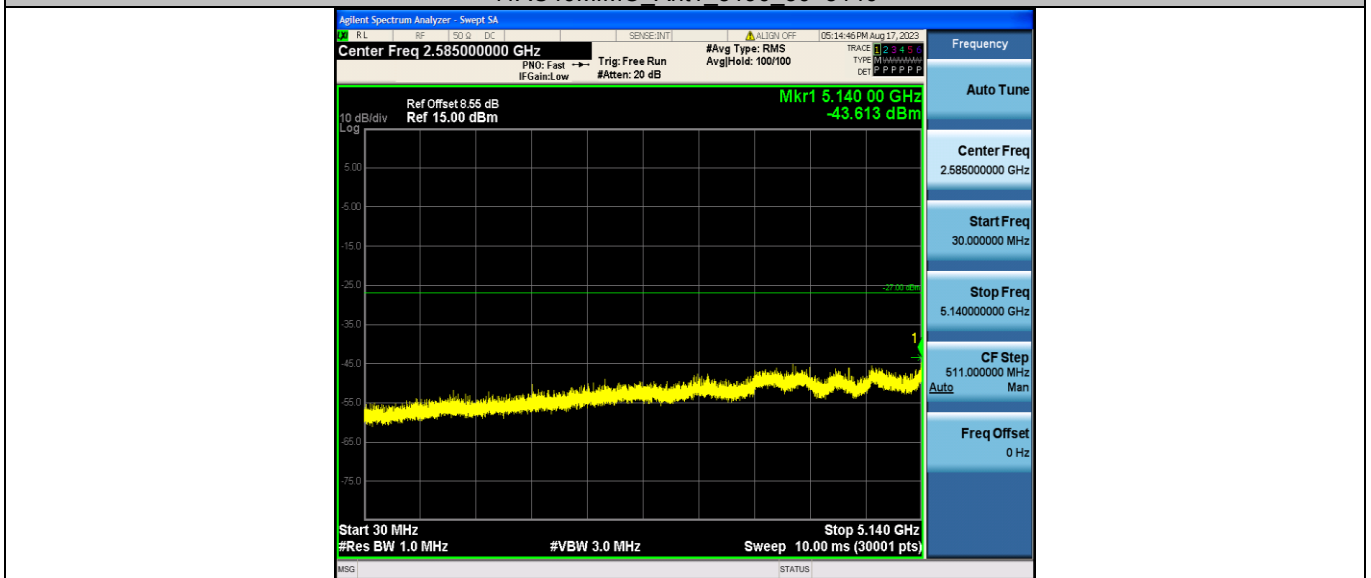
11AC20MIMO Ant2 5825 30~5650



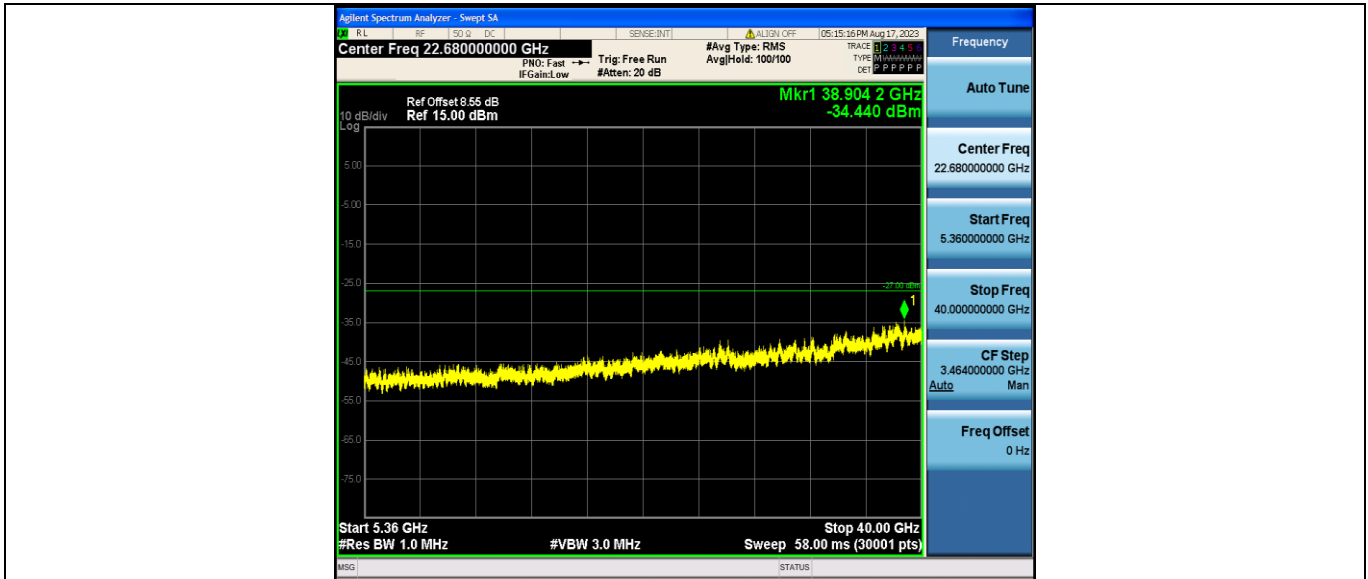
11AC20MIMO Ant2 5825 5925~40000



11AC40MIMO Ant1 5190 30~5140



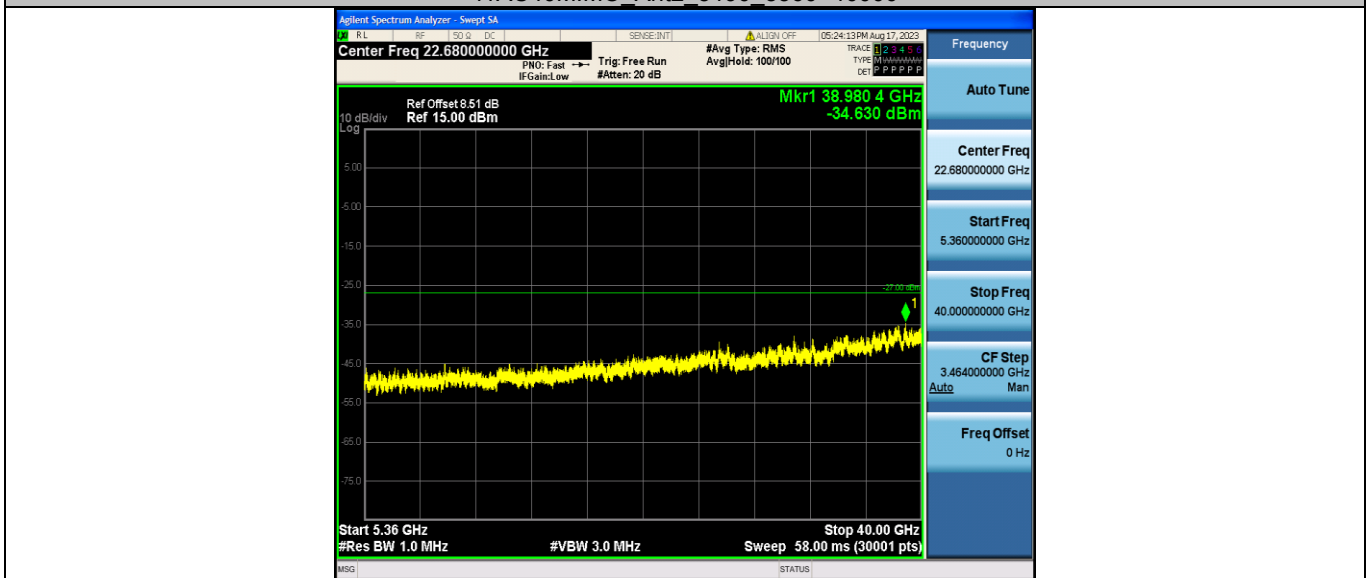
11AC40MIMO Ant1 5190 5360~40000



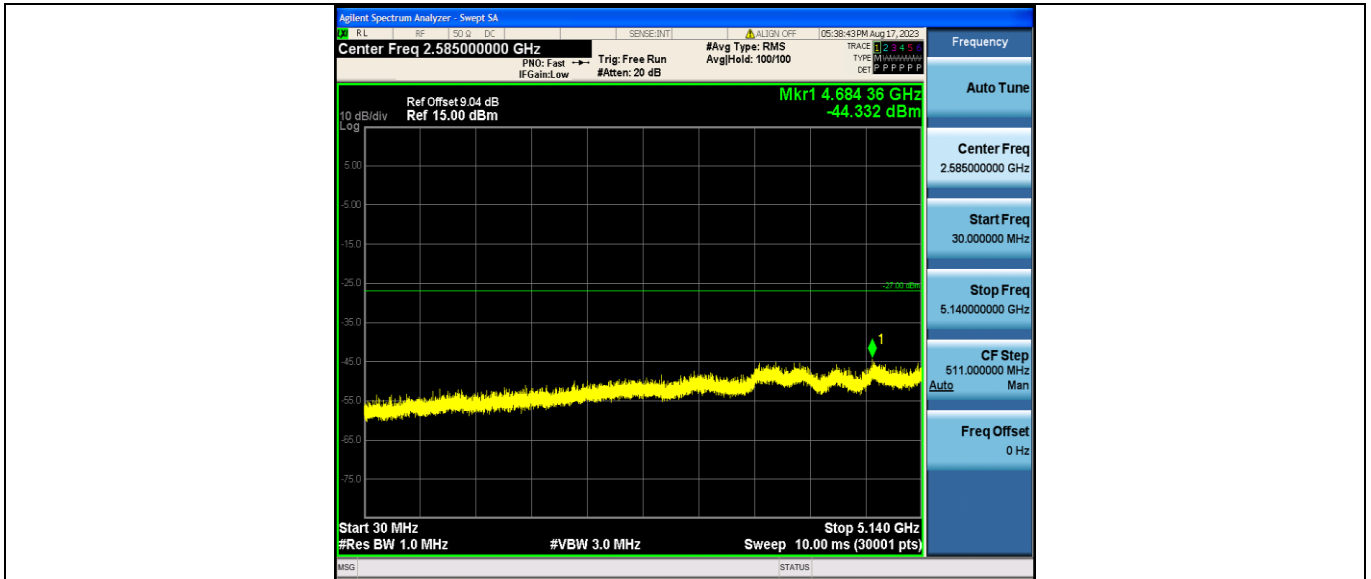
11AC40MIMO Ant2 5190 30~5140



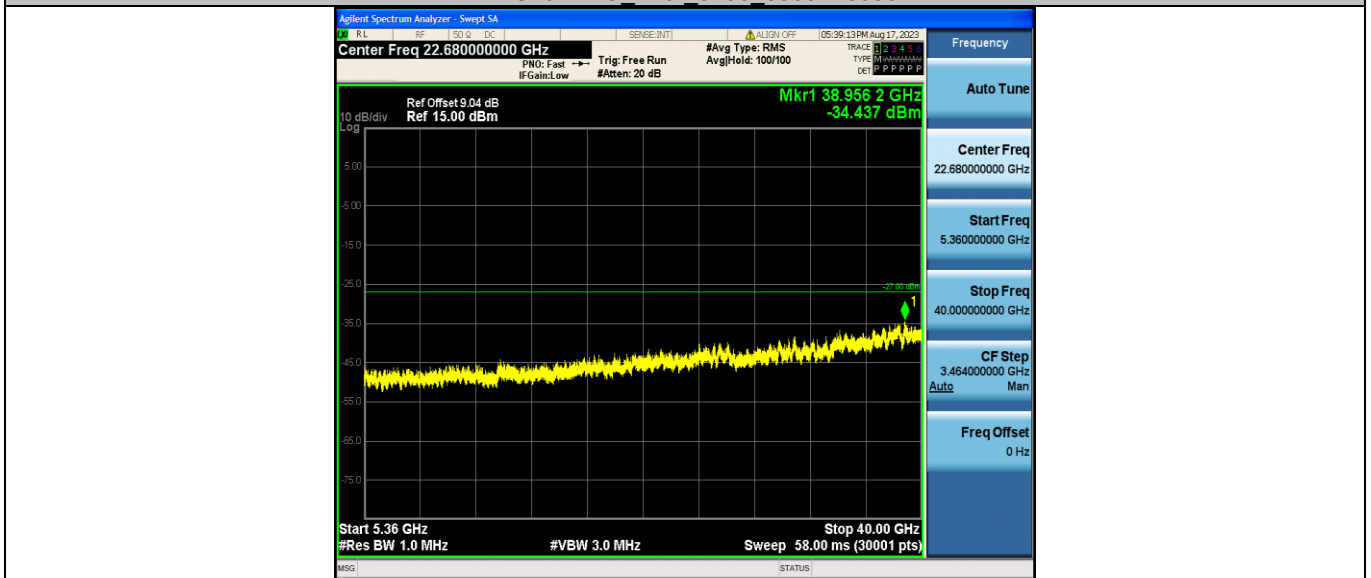
11AC40MIMO Ant2 5190 5360~40000



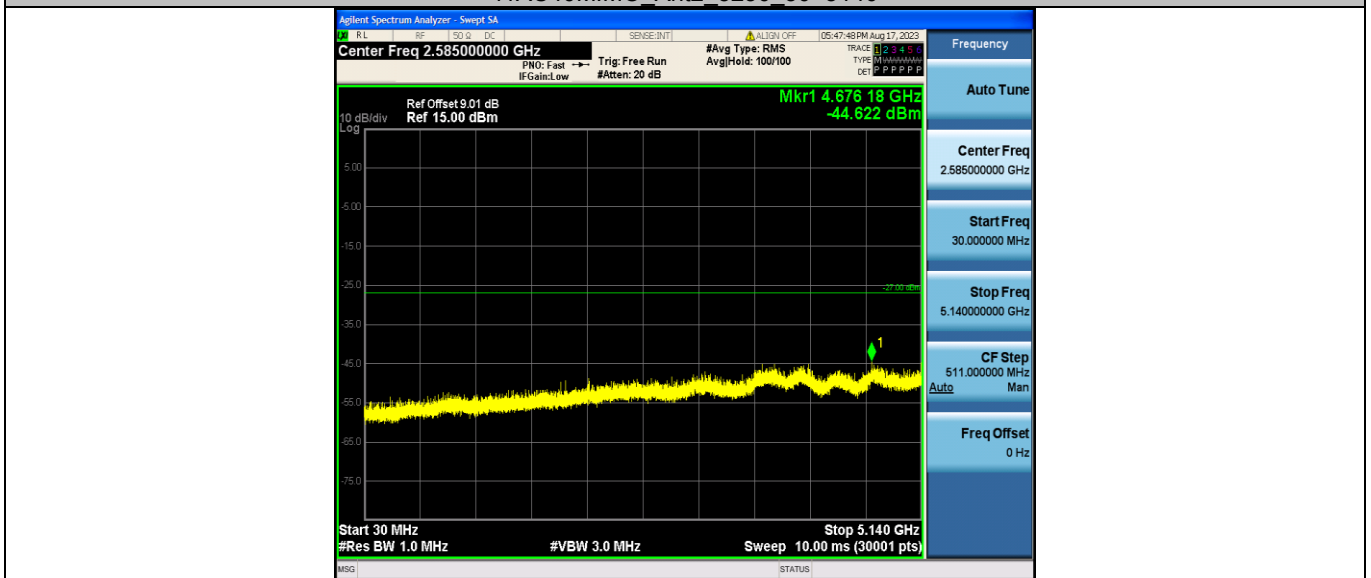
11AC40MIMO Ant1 5230 30~5140



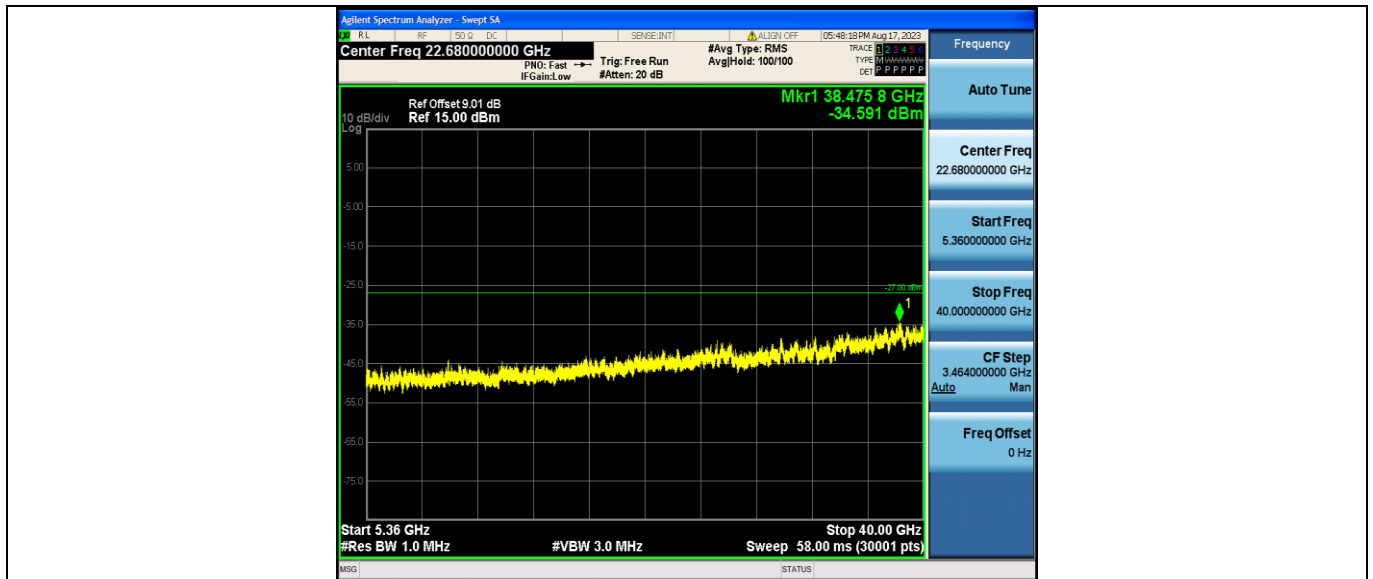
11AC40MIMO_Ant1_5230_5360~40000



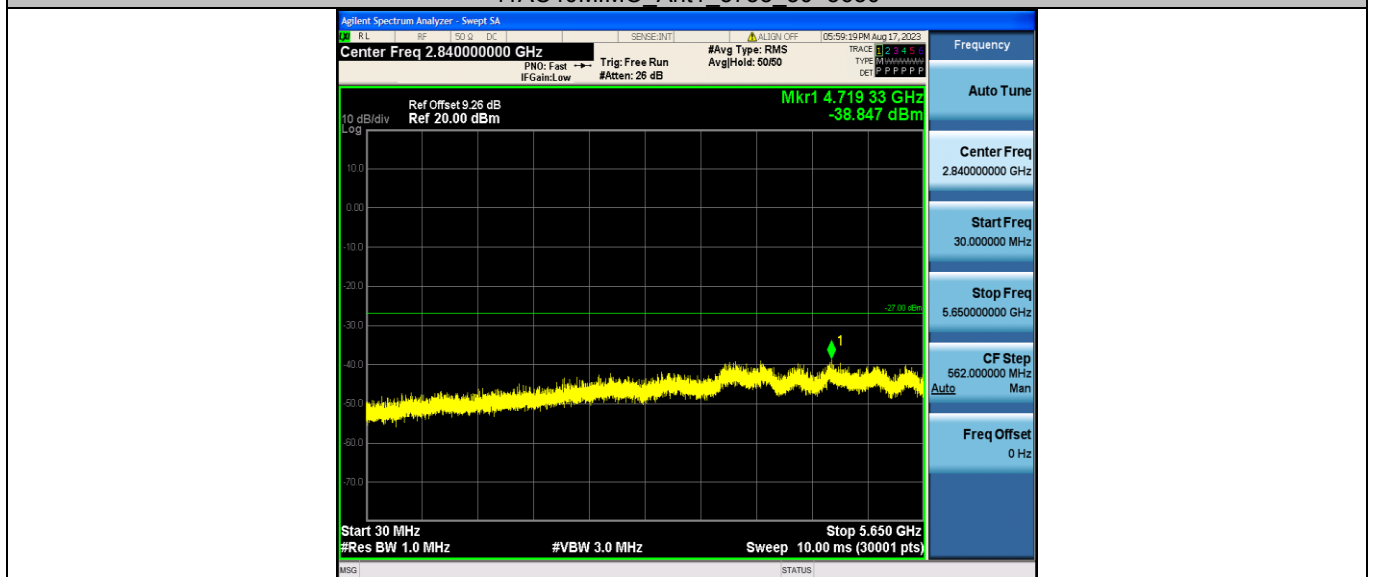
11AC40MIMO_Ant2_5230_30~5140



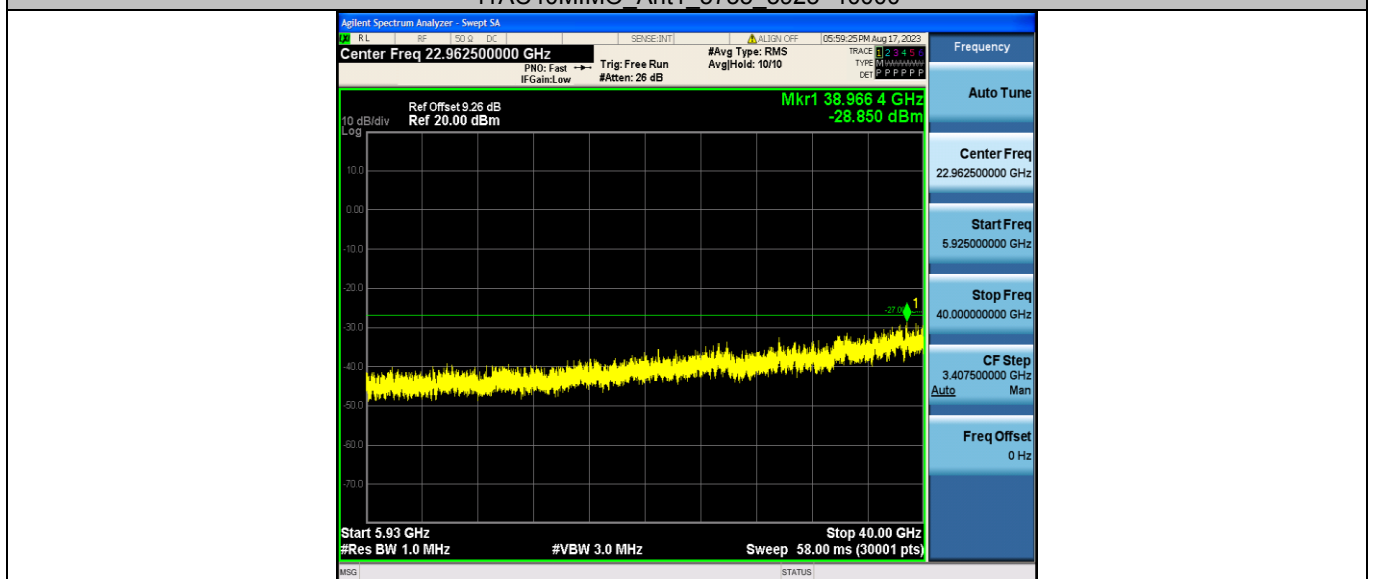
11AC40MIMO_Ant2_5230_5360~40000



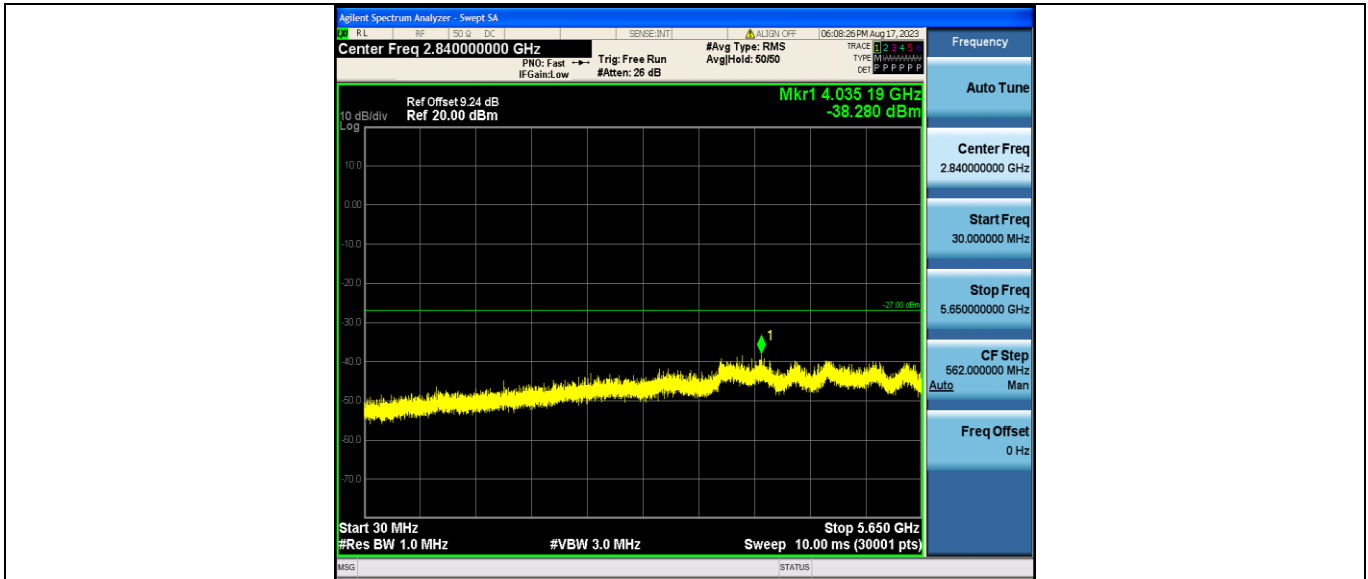
11AC40MIMO Ant1 5755 30~5650



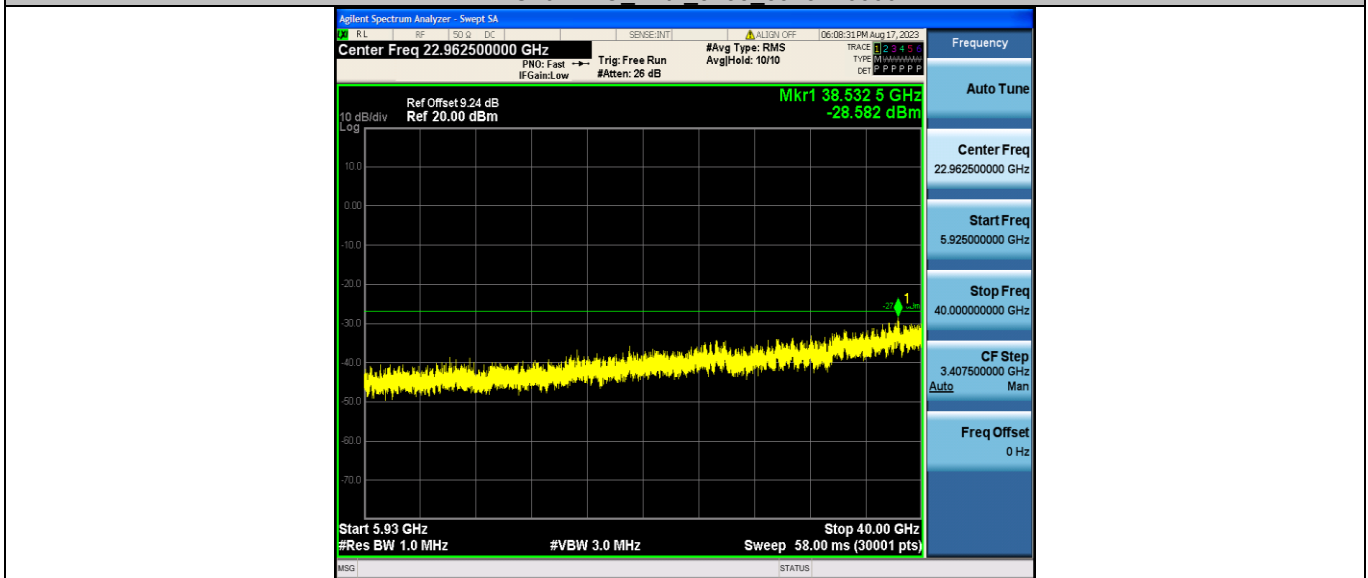
11AC40MIMO Ant1 5755 5925~40000



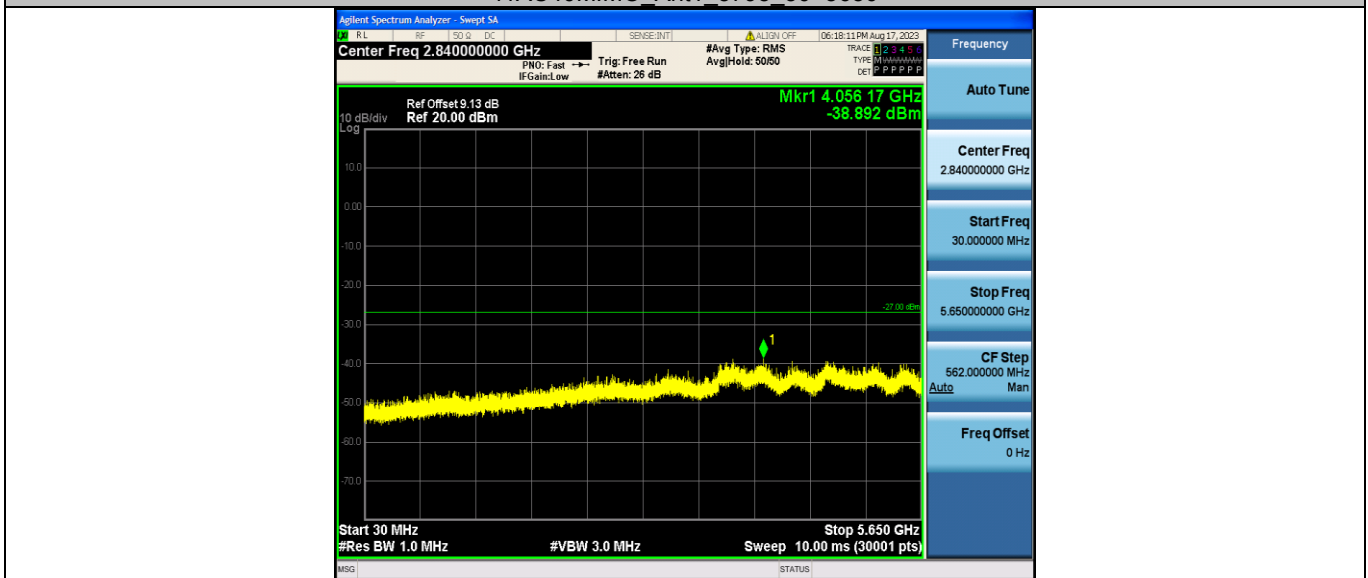
11AC40MIMO Ant2 5755 30~5650



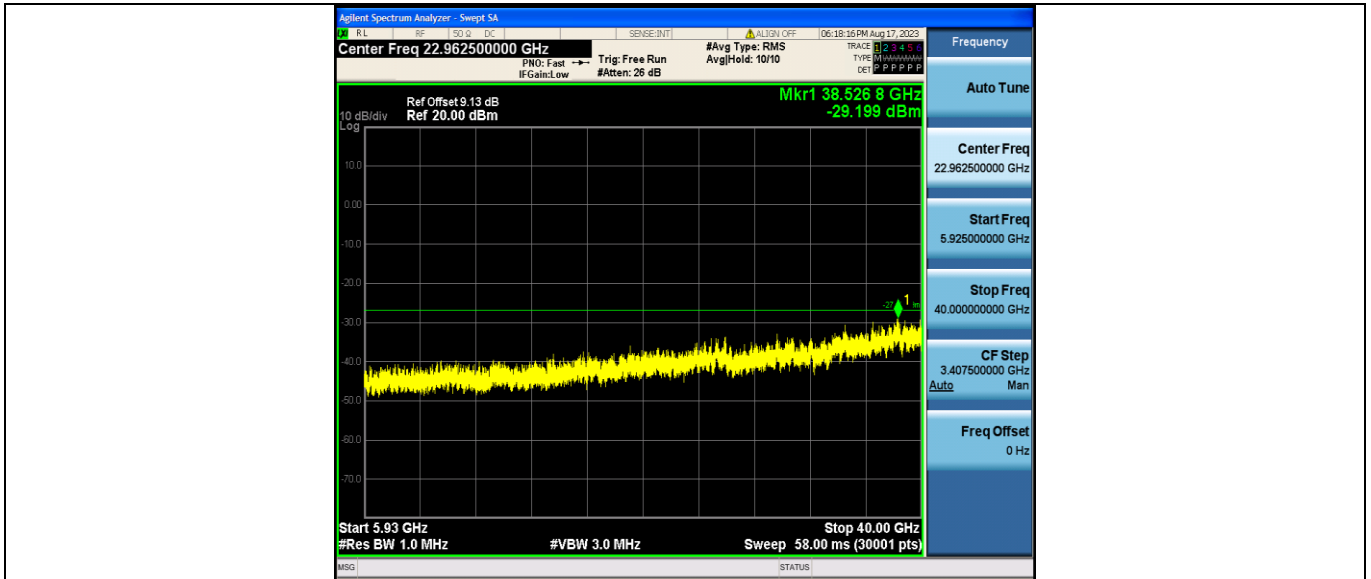
11AC40MIMO_Ant2_5755_5925~40000



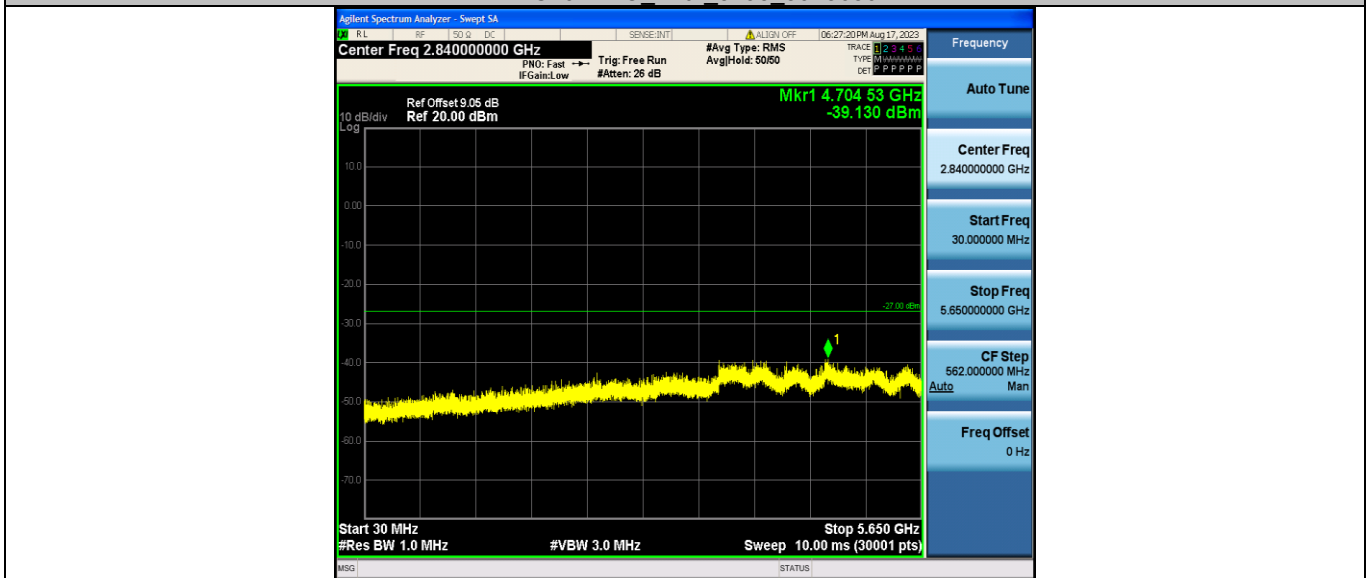
11AC40MIMO_Ant1_5795_30~5650



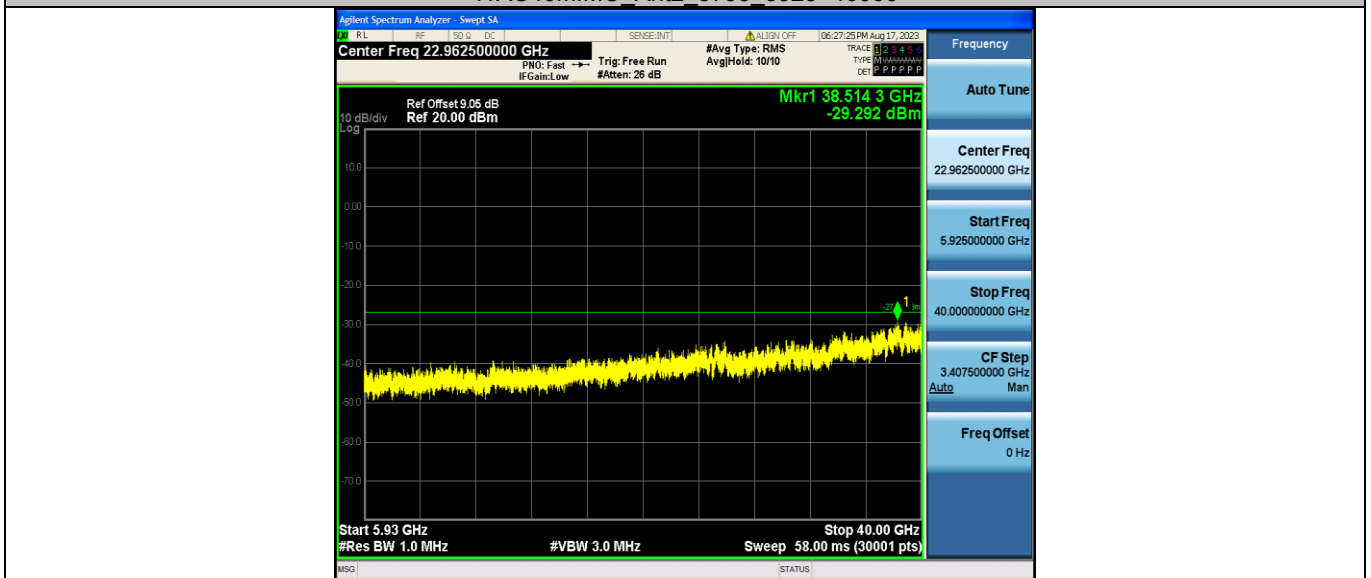
11AC40MIMO_Ant1_5795_5925~40000



11AC40MIMO Ant2 5795 30~5650



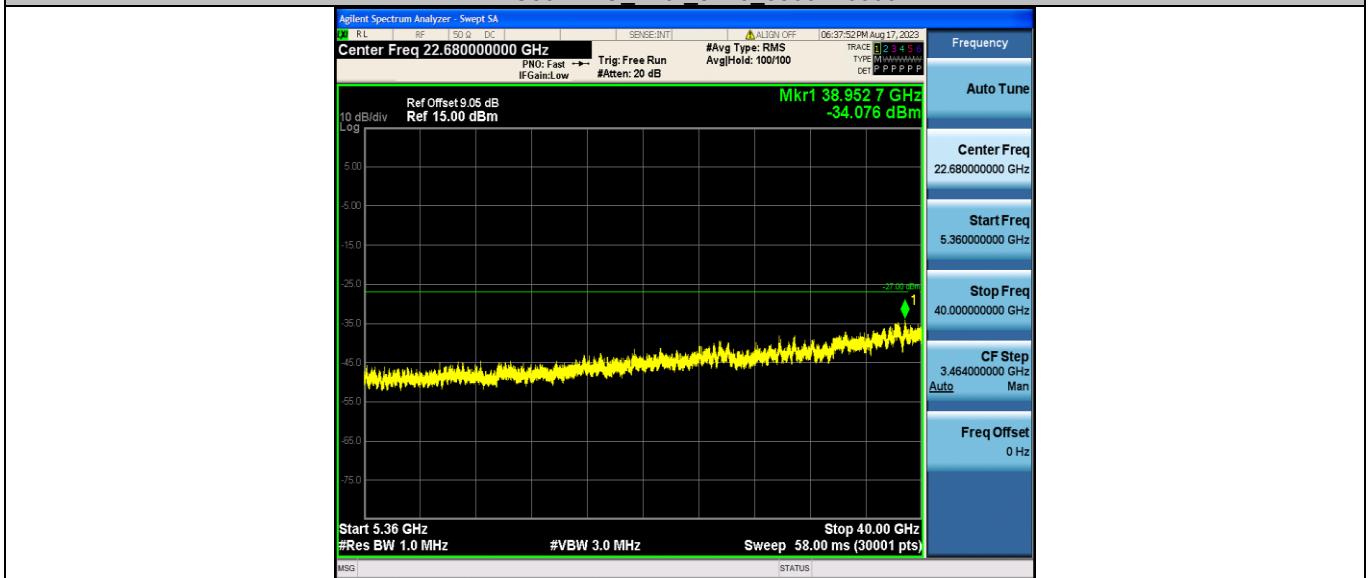
11AC40MIMO Ant2 5795 5925~40000



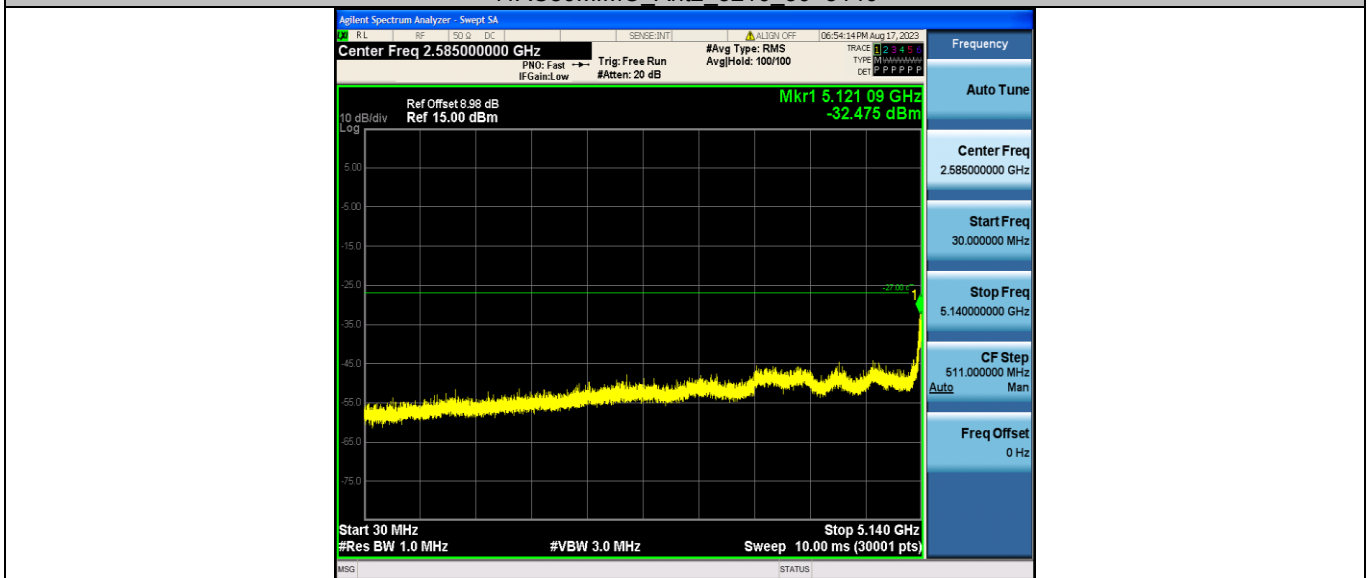
11AC80MIMO Ant1 5210 30~5140



11AC80MIMO_Ant1_5210_5360~40000



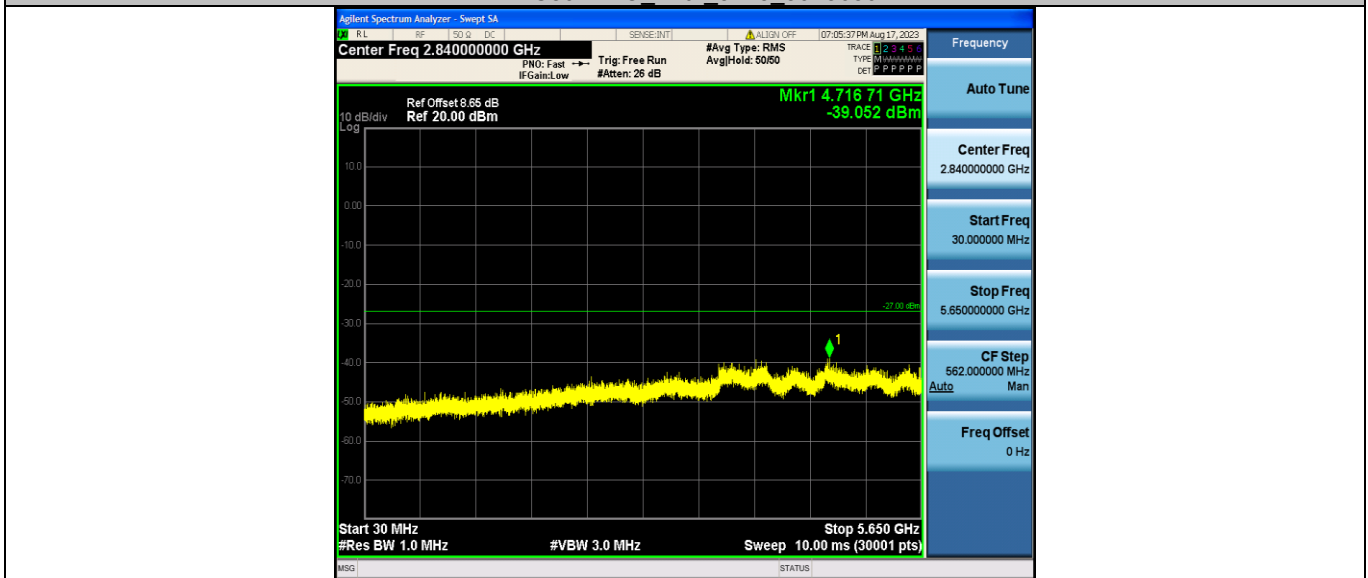
11AC80MIMO_Ant2_5210_30~5140



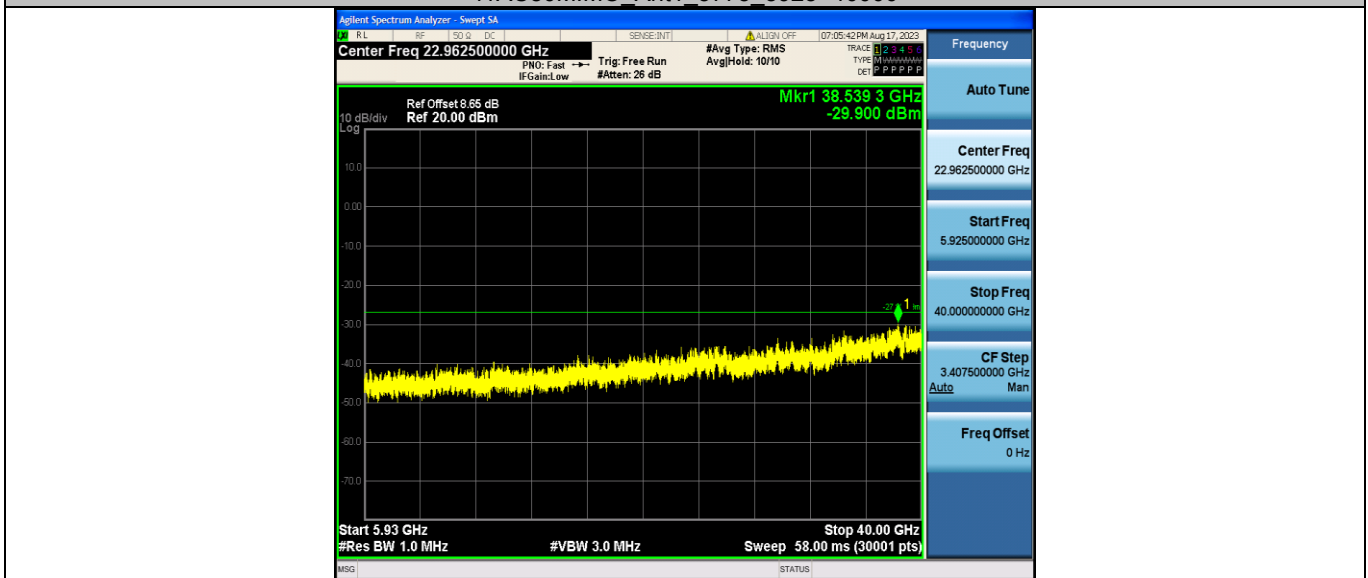
11AC80MIMO_Ant2_5210_5360~40000



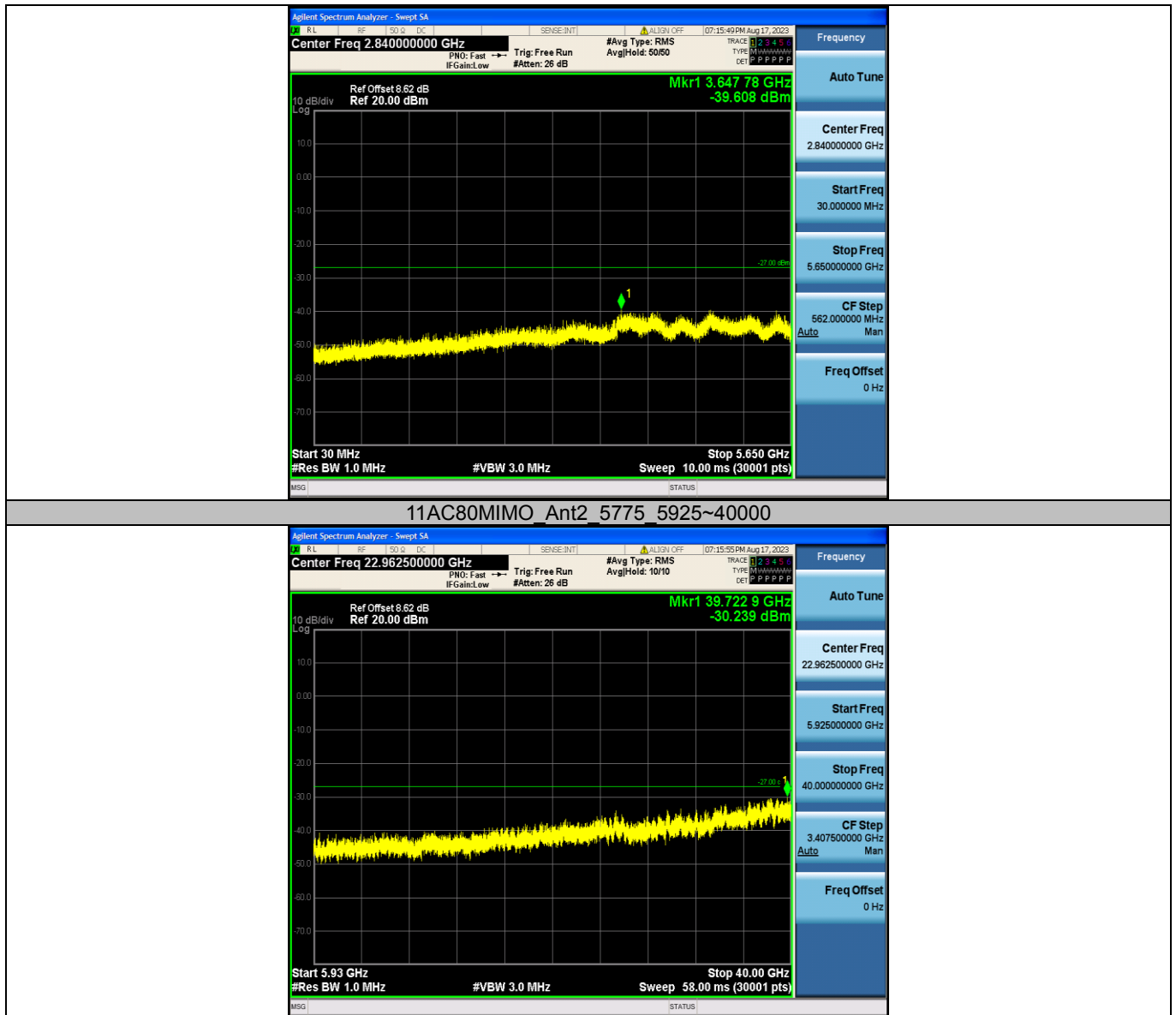
11AC80MIMO Ant1 5775 30~5650



11AC80MIMO Ant1 5775 5925~40000



11AC80MIMO Ant2 5775 30~5650



Note: The antenna gain and cable loss is compensated in the test plot.

Appendix I: 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	-20000.00	-3.861004	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-20000.00	-3.861004	20	PASS
	Ant2	5180	NV	NT	-40000.00	-7.722008	20	PASS
			LV	NT	-40000.00	-7.722008	20	PASS
			HV	NT	-20000.00	-3.861004	20	PASS
	Ant1	5200	NV	NT	20000.00	3.846154	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	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
	Ant1	5240	NV	NT	0.00	0.000000	20	PASS
			LV	NT	20000.00	3.816794	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5240	NV	NT	-20000.00	-3.816794	20	PASS
			LV	NT	-40000.00	-7.633588	20	PASS
			HV	NT	-60000.00	-11.450382	20	PASS
	Ant1	5745	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	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
	Ant1	5785	NV	NT	20000.00	3.457217	20	PASS
			LV	NT	20000.00	3.457217	20	PASS
			HV	NT	40000.00	6.914434	20	PASS
	Ant2	5785	NV	NT	-20000.00	-3.457217	20	PASS
			LV	NT	-20000.00	-3.457217	20	PASS
			HV	NT	-20000.00	-3.457217	20	PASS
	Ant1	5825	NV	NT	20000.00	3.433476	20	PASS
			LV	NT	20000.00	3.433476	20	PASS
			HV	NT	20000.00	3.433476	20	PASS
	Ant2	5825	NV	NT	-20000.00	-3.433476	20	PASS
			LV	NT	-20000.00	-3.433476	20	PASS
			HV	NT	-20000.00	-3.433476	20	PASS
11N20SISO	Ant1	5180	NV	NT	-40000.00	-7.722008	20	PASS
			LV	NT	-40000.00	-7.722008	20	PASS
			HV	NT	-40000.00	-7.722008	20	PASS
	Ant2	5180	NV	NT	-20000.00	-3.861004	20	PASS
			LV	NT	-40000.00	-7.722008	20	PASS
			HV	NT	-20000.00	-3.861004	20	PASS
	Ant1	5200	NV	NT	-20000.00	-3.846154	20	PASS
			LV	NT	20000.00	3.846154	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	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
	Ant1	5240	NV	NT	-40000.00	-7.633588	20	PASS
			LV	NT	-60000.00	-11.450382	20	PASS
			HV	NT	-40000.00	-7.633588	20	PASS
	Ant2	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
	Ant1	5745	NV	NT	-60000.00	-10.443864	20	PASS
			LV	NT	-40000.00	-6.962576	20	PASS
			HV	NT	-40000.00	-6.962576	20	PASS
	Ant2	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
	Ant1	5785	NV	NT	-60000.00	-10.371651	20	PASS
			LV	NT	-60000.00	-10.371651	20	PASS
			HV	NT	-40000.00	-6.914434	20	PASS
	Ant2	5785	NV	NT	-20000.00	-3.457217	20	PASS
			LV	NT	-20000.00	-3.457217	20	PASS
			HV	NT	-20000.00	-3.457217	20	PASS
	Ant1	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
	Ant2	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
11N40SISO	Ant1	5190	NV	NT	-40000.00	-7.707129	20	PASS
			LV	NT	-40000.00	-7.707129	20	PASS
			HV	NT	-40000.00	-7.707129	20	PASS
	Ant2	5190	NV	NT	-40000.00	-7.707129	20	PASS
			LV	NT	-40000.00	-7.707129	20	PASS
			HV	NT	-40000.00	-7.707129	20	PASS
	Ant1	5230	NV	NT	-40000.00	-7.648184	20	PASS
			LV	NT	-40000.00	-7.648184	20	PASS
			HV	NT	-40000.00	-7.648184	20	PASS
	Ant2	5230	NV	NT	-40000.00	-7.648184	20	PASS
			LV	NT	-40000.00	-7.648184	20	PASS
			HV	NT	-40000.00	-7.648184	20	PASS
	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
	Ant2	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
	Ant1	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
	Ant2	5795	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-40000.00	-6.902502	20	PASS
			HV	NT	-40000.00	-6.902502	20	PASS
11AC20SIS O	Ant1	5180	NV	NT	-60000.00	-11.583012	20	PASS
			LV	NT	-40000.00	-7.722008	20	PASS
			HV	NT	-40000.00	-7.722008	20	PASS
	Ant2	5180	NV	NT	-60000.00	-11.583012	20	PASS
			LV	NT	-40000.00	-7.722008	20	PASS
			HV	NT	-40000.00	-7.722008	20	PASS
	Ant1	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
	Ant2	5200	NV	NT	-20000.00	-3.846154	20	PASS
			LV	NT	-40000.00	-7.692308	20	PASS
			HV	NT	-20000.00	-3.846154	20	PASS
	Ant1	5240	NV	NT	-40000.00	-7.633588	20	PASS
			LV	NT	-40000.00	-7.633588	20	PASS
			HV	NT	-60000.00	-11.450382	20	PASS
	Ant2	5240	NV	NT	-20000.00	-3.816794	20	PASS
			LV	NT	-20000.00	-3.816794	20	PASS
			HV	NT	-20000.00	-3.816794	20	PASS
	Ant1	5745	NV	NT	-60000.00	-10.443864	20	PASS
			LV	NT	-40000.00	-6.962576	20	PASS
			HV	NT	-40000.00	-6.962576	20	PASS
	Ant2	5745	NV	NT	-20000.00	-3.481288	20	PASS
			LV	NT	-40000.00	-6.962576	20	PASS
			HV	NT	-40000.00	-6.962576	20	PASS
Ant1	5785	NV	NT	-60000.00	-10.371651	20	PASS	
		LV	NT	-40000.00	-6.914434	20	PASS	
		HV	NT	-60000.00	-10.371651	20	PASS	
Ant2	5785	NV	NT	-40000.00	-6.914434	20	PASS	
		LV	NT	-20000.00	-3.457217	20	PASS	
		HV	NT	-20000.00	-3.457217	20	PASS	

	Ant1	5825	NV	NT	-60000.00	-10.300429	20	PASS
			LV	NT	-40000.00	-6.866953	20	PASS
			HV	NT	-60000.00	-10.300429	20	PASS
	Ant2	5825	NV	NT	-60000.00	-10.300429	20	PASS
			LV	NT	-40000.00	-6.866953	20	PASS
			HV	NT	-40000.00	-6.866953	20	PASS
11AC40SIS O	Ant1	5190	NV	NT	-40000.00	-7.707129	20	PASS
			LV	NT	-80000.00	-15.414258	20	PASS
			HV	NT	-40000.00	-7.707129	20	PASS
	Ant2	5190	NV	NT	-40000.00	-7.707129	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5230	NV	NT	-40000.00	-7.648184	20	PASS
			LV	NT	-40000.00	-7.648184	20	PASS
			HV	NT	-40000.00	-7.648184	20	PASS
	Ant2	5230	NV	NT	-40000.00	-7.648184	20	PASS
			LV	NT	-40000.00	-7.648184	20	PASS
			HV	NT	-40000.00	-7.648184	20	PASS
	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
	Ant2	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
	Ant1	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
	Ant2	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	-80000.00	-15.355086	20	PASS
			LV	NT	-80000.00	-15.355086	20	PASS
			HV	NT	-80000.00	-15.355086	20	PASS
	Ant2	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
	Ant1	5775	NV	NT	80000.00	13.852814	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5775	NV	NT	80000.00	13.852814	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS

Temperature								
Test Mode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	-40000.00	-7.722008	20	PASS
			NV	-20	-20000.00	-3.861004	20	PASS
			NV	-10	-40000.00	-7.722008	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
	Ant2	5180	NV	-30	-20000.00	-3.861004	20	PASS
			NV	-20	-40000.00	-7.722008	20	PASS
			NV	-10	-40000.00	-7.722008	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
	Ant1	5200	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	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
			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
	Ant2	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	-20000.00	-3.846154	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
	Ant1	5240	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-20000.00	-3.816794	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
	Ant2	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	-40000.00	-7.633588	20	PASS
			NV	20	-20000.00	-3.816794	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-20000.00	-3.816794	20	PASS
			NV	50	-20000.00	-3.816794	20	PASS
	Ant1	5745	NV	-30	20000.00	3.481288	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	20000.00	3.481288	20	PASS
	Ant2	5745	NV	-30	-20000.00	-3.481288	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-40000.00	-6.962576	20	PASS
			NV	0	-20000.00	-3.481288	20	PASS
			NV	10	-40000.00	-6.962576	20	PASS
			NV	20	-20000.00	-3.481288	20	PASS
			NV	30	-20000.00	-3.481288	20	PASS
			NV	40	-60000.00	-10.443864	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant1	5785	NV	-30	40000.00	6.914434	20	PASS
			NV	-20	40000.00	6.914434	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	40000.00	6.914434	20	PASS
			NV	30	40000.00	6.914434	20	PASS
			NV	40	40000.00	6.914434	20	PASS
			NV	50	20000.00	3.457217	20	PASS
	Ant2	5785	NV	-30	-20000.00	-3.457217	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

	Ant1	5825	NV	30	-20000.00	-3.457217	20	PASS
			NV	40	-20000.00	-3.457217	20	PASS
			NV	50	-20000.00	-3.457217	20	PASS
			NV	-30	20000.00	3.433476	20	PASS
			NV	-20	20000.00	3.433476	20	PASS
			NV	-10	20000.00	3.433476	20	PASS
			NV	0	20000.00	3.433476	20	PASS
			NV	10	40000.00	6.866953	20	PASS
			NV	20	20000.00	3.433476	20	PASS
			NV	30	20000.00	3.433476	20	PASS
	NV	40	20000.00	3.433476	20	PASS		
	NV	50	20000.00	3.433476	20	PASS		
	Ant2	5825	NV	-30	-20000.00	-3.433476	20	PASS
			NV	-20	-20000.00	-3.433476	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	-20000.00	-3.433476	20	PASS
			NV	40	-20000.00	-3.433476	20	PASS
NV			50	-20000.00	-3.433476	20	PASS	
NV			-30	-40000.00	-7.722008	20	PASS	
11N20SISO	Ant1	5180	NV	-20	-60000.00	-11.583012	20	PASS
			NV	-10	-40000.00	-7.722008	20	PASS
			NV	0	-60000.00	-11.583012	20	PASS
			NV	10	-40000.00	-7.722008	20	PASS
			NV	20	-60000.00	-11.583012	20	PASS
			NV	30	-40000.00	-7.722008	20	PASS
			NV	40	-40000.00	-7.722008	20	PASS
			NV	50	-40000.00	-7.722008	20	PASS
			NV	-30	-20000.00	-3.861004	20	PASS
			NV	-20	-20000.00	-3.861004	20	PASS
	Ant2	5180	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	-40000.00	-7.722008	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	0.00	0.000000	20	PASS
Ant1	5200	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	20000.00	3.846154	20	PASS	
		NV	50	20000.00	3.846154	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	
Ant2	5200	NV	10	-20000.00	-3.846154	20	PASS	
		NV	20	0.00	0.000000	20	PASS	
		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	-40000.00	-7.633588	20	PASS	
		NV	-20	-40000.00	-7.633588	20	PASS	
		NV	-10	-60000.00	-11.450382	20	PASS	
		NV	0	-40000.00	-7.633588	20	PASS	
		NV	10	-40000.00	-7.633588	20	PASS	
Ant1	5240	NV	20	-40000.00	-7.633588	20	PASS	
		NV	30	-40000.00	-7.633588	20	PASS	
		NV	40	-40000.00	-7.633588	20	PASS	
		NV	50	-40000.00	-7.633588	20	PASS	
		NV	-30	-40000.00	-7.633588	20	PASS	
		NV	-20	-40000.00	-7.633588	20	PASS	
		NV	-10	-60000.00	-11.450382	20	PASS	
		NV	0	-40000.00	-7.633588	20	PASS	
Ant2	5240	NV	-30	-40000.00	-7.633588	20	PASS	
		NV	-20	-40000.00	-7.633588	20	PASS	

			NV	-20	-40000.00	-7.633588	20	PASS
			NV	-10	-40000.00	-7.633588	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	-40000.00	-7.633588	20	PASS
			NV	40	-20000.00	-3.816794	20	PASS
			NV	50	-20000.00	-3.816794	20	PASS
	Ant1	5745	NV	-30	-60000.00	-10.443864	20	PASS
			NV	-20	-40000.00	-6.962576	20	PASS
			NV	-10	-40000.00	-6.962576	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
	Ant2	5745	NV	50	-60000.00	-10.443864	20	PASS
			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	-40000.00	-6.962576	20	PASS	
NV			20	0.00	0.000000	20	PASS	
NV			30	-20000.00	-3.481288	20	PASS	
Ant1	5785	NV	40	-40000.00	-6.962576	20	PASS	
		NV	50	-20000.00	-3.481288	20	PASS	
		NV	-30	-60000.00	-10.371651	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	-60000.00	-10.371651	20	PASS	
		NV	20	-40000.00	-6.914434	20	PASS	
Ant2	5785	NV	30	-40000.00	-6.914434	20	PASS	
		NV	40	-40000.00	-6.914434	20	PASS	
		NV	50	-60000.00	-10.371651	20	PASS	
		NV	-30	-40000.00	-6.914434	20	PASS	
		NV	-20	-60000.00	-10.371651	20	PASS	
		NV	-10	-20000.00	-3.457217	20	PASS	
		NV	0	-40000.00	-6.914434	20	PASS	
		NV	10	-40000.00	-6.914434	20	PASS	
Ant1	5825	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	
		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	
Ant2	5825	NV	10	-40000.00	-6.866953	20	PASS	
		NV	20	-40000.00	-6.866953	20	PASS	
		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	-20000.00	-3.433476	20	PASS	
		NV	-20	-40000.00	-6.866953	20	PASS	
		NV	-10	-40000.00	-6.866953	20	PASS	
11N40SISO	Ant1	5190	NV	0	-40000.00	-6.866953	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
			NV	-30	-40000.00	-7.707129	20	PASS
			NV	-20	-40000.00	-7.707129	20	PASS
			NV	-10	-40000.00	-7.707129	20	PASS
			NV	0	-40000.00	-7.707129	20	PASS
			NV	10	-40000.00	-7.707129	20	PASS

			NV	20	-40000.00	-7.707129	20	PASS		
			NV	30	-40000.00	-7.707129	20	PASS		
			NV	40	-40000.00	-7.707129	20	PASS		
			NV	50	-40000.00	-7.707129	20	PASS		
	Ant2	5190	NV	-30	0.00	0.000000	20	PASS		
				NV	-20	-40000.00	-7.707129	20	PASS	
				NV	-10	-40000.00	-7.707129	20	PASS	
				NV	0	-40000.00	-7.707129	20	PASS	
				NV	10	-40000.00	-7.707129	20	PASS	
				NV	20	-40000.00	-7.707129	20	PASS	
				NV	30	-40000.00	-7.707129	20	PASS	
				NV	40	-40000.00	-7.707129	20	PASS	
				NV	50	-40000.00	-7.707129	20	PASS	
					NV	-30	0.00	0.000000	20	PASS
					NV	-20	-40000.00	-7.648184	20	PASS
	Ant1	5230	NV	-10	-40000.00	-7.648184	20	PASS		
				NV	0	-40000.00	-7.648184	20	PASS	
				NV	10	-40000.00	-7.648184	20	PASS	
				NV	20	-40000.00	-7.648184	20	PASS	
				NV	30	-40000.00	-7.648184	20	PASS	
				NV	40	-40000.00	-7.648184	20	PASS	
				NV	50	-40000.00	-7.648184	20	PASS	
					NV	-30	-40000.00	-7.648184	20	PASS
	Ant2	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	-40000.00	-7.648184	20	PASS	
				NV	20	-40000.00	-7.648184	20	PASS	
				NV	30	-40000.00	-7.648184	20	PASS	
				NV	40	-40000.00	-7.648184	20	PASS	
				NV	50	-40000.00	-7.648184	20	PASS	
	Ant1	5755	NV	-30	-40000.00	-6.950478	20	PASS		
				NV	-20	-40000.00	-6.950478	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	-40000.00	-6.950478	20	PASS	
				NV	30	-40000.00	-6.950478	20	PASS	
				NV	40	-40000.00	-6.950478	20	PASS	
	Ant2	5755	NV	50	-40000.00	-6.950478	20	PASS		
				NV	-30	-40000.00	-6.950478	20	PASS	
				NV	-20	-40000.00	-6.950478	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	-40000.00	-6.950478	20	PASS	
				NV	30	-40000.00	-6.950478	20	PASS	
	Ant1	5795	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	
				NV	0	-40000.00	-6.902502	20	PASS	
				NV	10	-40000.00	-6.902502	20	PASS	
				NV	20	-40000.00	-6.902502	20	PASS	
	Ant2	5795	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	-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	-40000.00	-6.902502	20	PASS	
		NV	20	-40000.00	-6.902502	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			

11AC20SIS O	Ant1	5180	NV	-30	-60000.00	-11.583012	20	PASS
			NV	-20	-40000.00	-7.722008	20	PASS
			NV	-10	-40000.00	-7.722008	20	PASS
			NV	0	-60000.00	-11.583012	20	PASS
			NV	10	-60000.00	-11.583012	20	PASS
			NV	20	-40000.00	-7.722008	20	PASS
			NV	30	-60000.00	-11.583012	20	PASS
			NV	40	-40000.00	-7.722008	20	PASS
			NV	50	-40000.00	-7.722008	20	PASS
	Ant2	5180	NV	-30	-40000.00	-7.722008	20	PASS
			NV	-20	-40000.00	-7.722008	20	PASS
			NV	-10	-20000.00	-3.861004	20	PASS
			NV	0	-40000.00	-7.722008	20	PASS
			NV	10	-40000.00	-7.722008	20	PASS
			NV	20	-60000.00	-11.583012	20	PASS
			NV	30	-20000.00	-3.861004	20	PASS
			NV	40	-40000.00	-7.722008	20	PASS
			NV	50	-20000.00	-3.861004	20	PASS
	Ant1	5200	NV	-30	-40000.00	-7.692308	20	PASS
			NV	-20	-40000.00	-7.692308	20	PASS
			NV	-10	-40000.00	-7.692308	20	PASS
			NV	0	-40000.00	-7.692308	20	PASS
			NV	10	-40000.00	-7.692308	20	PASS
			NV	20	-60000.00	-11.538462	20	PASS
			NV	30	-40000.00	-7.692308	20	PASS
			NV	40	-60000.00	-11.538462	20	PASS
			NV	50	-60000.00	-11.538462	20	PASS
	Ant2	5200	NV	-30	-20000.00	-3.846154	20	PASS
			NV	-20	-40000.00	-7.692308	20	PASS
			NV	-10	-40000.00	-7.692308	20	PASS
			NV	0	-40000.00	-7.692308	20	PASS
			NV	10	-60000.00	-11.538462	20	PASS
			NV	20	-40000.00	-7.692308	20	PASS
			NV	30	-20000.00	-3.846154	20	PASS
			NV	40	-40000.00	-7.692308	20	PASS
			NV	50	-40000.00	-7.692308	20	PASS
	Ant1	5240	NV	-30	-60000.00	-11.450382	20	PASS
			NV	-20	-40000.00	-7.633588	20	PASS
			NV	-10	-40000.00	-7.633588	20	PASS
			NV	0	-40000.00	-7.633588	20	PASS
			NV	10	-40000.00	-7.633588	20	PASS
			NV	20	-60000.00	-11.450382	20	PASS
			NV	30	-40000.00	-7.633588	20	PASS
			NV	40	-40000.00	-7.633588	20	PASS
			NV	50	-40000.00	-7.633588	20	PASS
	Ant2	5240	NV	-30	-40000.00	-7.633588	20	PASS
			NV	-20	-20000.00	-3.816794	20	PASS
			NV	-10	-40000.00	-7.633588	20	PASS
NV			0	-20000.00	-3.816794	20	PASS	
NV			10	-20000.00	-3.816794	20	PASS	
NV			20	-40000.00	-7.633588	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	
Ant1	5745	NV	-30	-60000.00	-10.443864	20	PASS	
		NV	-20	-60000.00	-10.443864	20	PASS	
		NV	-10	-60000.00	-10.443864	20	PASS	
		NV	0	-40000.00	-6.962576	20	PASS	
		NV	10	-40000.00	-6.962576	20	PASS	
		NV	20	-60000.00	-10.443864	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	
Ant2	5745	NV	-30	-20000.00	-3.481288	20	PASS	
		NV	-20	-40000.00	-6.962576	20	PASS	
		NV	-10	-40000.00	-6.962576	20	PASS	
		NV	0	-40000.00	-6.962576	20	PASS	

11AC40SIS O	Ant1	5785	NV	10	-40000.00	-6.962576	20	PASS
			NV	20	-20000.00	-3.481288	20	PASS
			NV	30	-40000.00	-6.962576	20	PASS
			NV	40	-40000.00	-6.962576	20	PASS
			NV	50	-20000.00	-3.481288	20	PASS
	Ant1	5785	NV	-30	-40000.00	-6.914434	20	PASS
			NV	-20	-40000.00	-6.914434	20	PASS
			NV	-10	-60000.00	-10.371651	20	PASS
			NV	0	-40000.00	-6.914434	20	PASS
			NV	10	-60000.00	-10.371651	20	PASS
			NV	20	-60000.00	-10.371651	20	PASS
			NV	30	-40000.00	-6.914434	20	PASS
	Ant2	5785	NV	40	-40000.00	-6.914434	20	PASS
			NV	50	-60000.00	-10.371651	20	PASS
			NV	-30	-20000.00	-3.457217	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
	Ant1	5825	NV	20	-40000.00	-6.914434	20	PASS
			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	-60000.00	-10.300429	20	PASS
			NV	-20	-60000.00	-10.300429	20	PASS
			NV	-10	-60000.00	-10.300429	20	PASS
			NV	0	-60000.00	-10.300429	20	PASS
	Ant2	5825	NV	10	-60000.00	-10.300429	20	PASS
			NV	20	-60000.00	-10.300429	20	PASS
			NV	30	-60000.00	-10.300429	20	PASS
			NV	40	-40000.00	-6.866953	20	PASS
			NV	50	-60000.00	-10.300429	20	PASS
			NV	-30	-60000.00	-10.300429	20	PASS
			NV	-20	-40000.00	-6.866953	20	PASS
			NV	-10	-20000.00	-3.433476	20	PASS
	Ant1	5190	NV	0	-40000.00	-7.707129	20	PASS
NV			10	0.00	0.000000	20	PASS	
NV			20	-40000.00	-7.707129	20	PASS	
NV			30	-40000.00	-7.707129	20	PASS	
NV			40	-40000.00	-7.707129	20	PASS	
NV			50	-40000.00	-7.707129	20	PASS	
NV			-30	-40000.00	-7.707129	20	PASS	
NV			-20	-40000.00	-7.707129	20	PASS	
NV			-10	-40000.00	-7.707129	20	PASS	
NV			0	-40000.00	-7.707129	20	PASS	
Ant2	5190	NV	10	0.00	0.000000	20	PASS	
		NV	20	-40000.00	-7.707129	20	PASS	
		NV	30	-40000.00	-7.707129	20	PASS	
		NV	40	-40000.00	-7.707129	20	PASS	
		NV	50	-40000.00	-7.707129	20	PASS	
		NV	-30	-40000.00	-7.707129	20	PASS	
		NV	-20	-40000.00	-7.707129	20	PASS	
		NV	-10	-40000.00	-7.707129	20	PASS	
Ant1	5230	NV	0	-40000.00	-7.648184	20	PASS	
		NV	10	-40000.00	-7.648184	20	PASS	
		NV	20	-40000.00	-7.648184	20	PASS	
		NV	30	-40000.00	-7.648184	20	PASS	
		NV	40	-40000.00	-7.648184	20	PASS	
		NV	-30	-40000.00	-7.648184	20	PASS	
		NV	-20	-40000.00	-7.648184	20	PASS	

	Ant2	5230	NV	50	-40000.00	-7.648184	20	PASS
			NV	-30	-40000.00	-7.648184	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
			NV	20	-40000.00	-7.648184	20	PASS
			NV	30	-40000.00	-7.648184	20	PASS
			NV	40	-40000.00	-7.648184	20	PASS
			NV	50	-40000.00	-7.648184	20	PASS
	Ant1	5755	NV	-30	-40000.00	-6.950478	20	PASS
			NV	-20	-40000.00	-6.950478	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	-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
			Ant2	5755	NV	-30	-40000.00	-6.950478
	NV	-20			-40000.00	-6.950478	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			-40000.00	-6.950478	20	PASS
	NV	30			-40000.00	-6.950478	20	PASS
	NV	40			-40000.00	-6.950478	20	PASS
	NV	50			0.00	0.000000	20	PASS
	Ant1	5795			NV	-30	-40000.00	-6.902502
			NV	-20	-40000.00	-6.902502	20	PASS
			NV	-10	-40000.00	-6.902502	20	PASS
			NV	0	-40000.00	-6.902502	20	PASS
			NV	10	-40000.00	-6.902502	20	PASS
			NV	20	-40000.00	-6.902502	20	PASS
			NV	30	-40000.00	-6.902502	20	PASS
			NV	40	-40000.00	-6.902502	20	PASS
			NV	50	0.00	0.000000	20	PASS
			Ant2	5795	NV	-30	-40000.00	-6.902502
	NV	-20			-40000.00	-6.902502	20	PASS
	NV	-10			0.00	0.000000	20	PASS
NV	0	-40000.00			-6.902502	20	PASS	
NV	10	-40000.00			-6.902502	20	PASS	
NV	20	-40000.00			-6.902502	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	
11AC80SIS O	Ant1	5210			NV	-30	-80000.00	-15.355086
			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	-80000.00	-15.355086	20	PASS
			NV	40	-80000.00	-15.355086	20	PASS
			NV	50	-80000.00	-15.355086	20	PASS
			Ant2	5210	NV	-30	0.00	0.000000
	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			80000.00	15.355086	20	PASS
	NV	40			80000.00	15.355086	20	PASS
	NV	50			0.00	0.000000	20	PASS
	Ant1	5775			NV	-30	0.00	0.000000
			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
	Ant2	5775	NV	-30	0.00	0.000000	20	PASS
			NV	-20	80000.00	13.852814	20	PASS
			NV	-10	80000.00	13.852814	20	PASS
			NV	0	80000.00	13.852814	20	PASS
			NV	10	80000.00	13.852814	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	160000.00	27.705628	20	FAIL
			NV	40	160000.00	27.705628	20	FAIL
			NV	50	80000.00	13.852814	20	PASS