



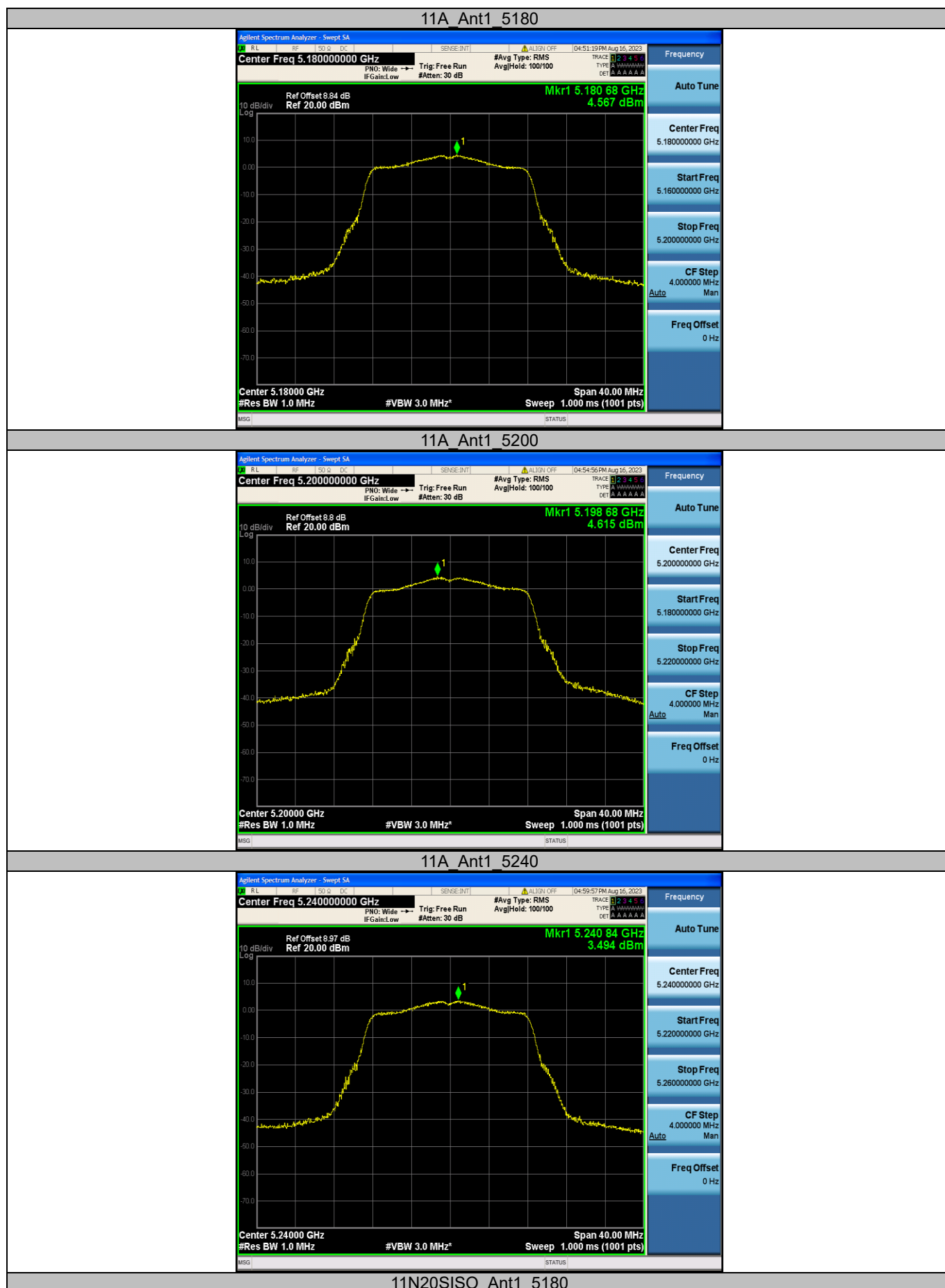
Appendix D: Maximum power spectral density

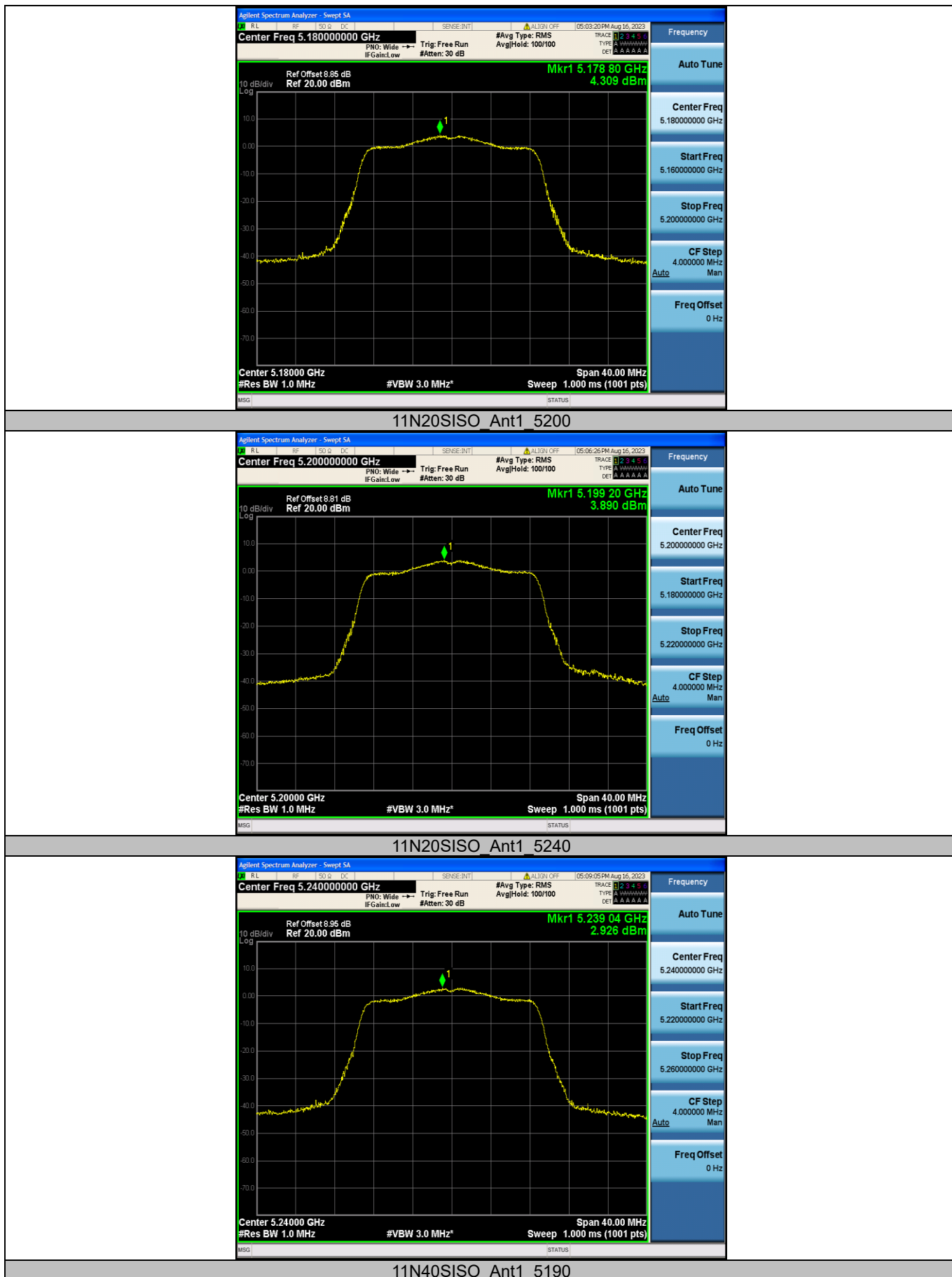
Test Result

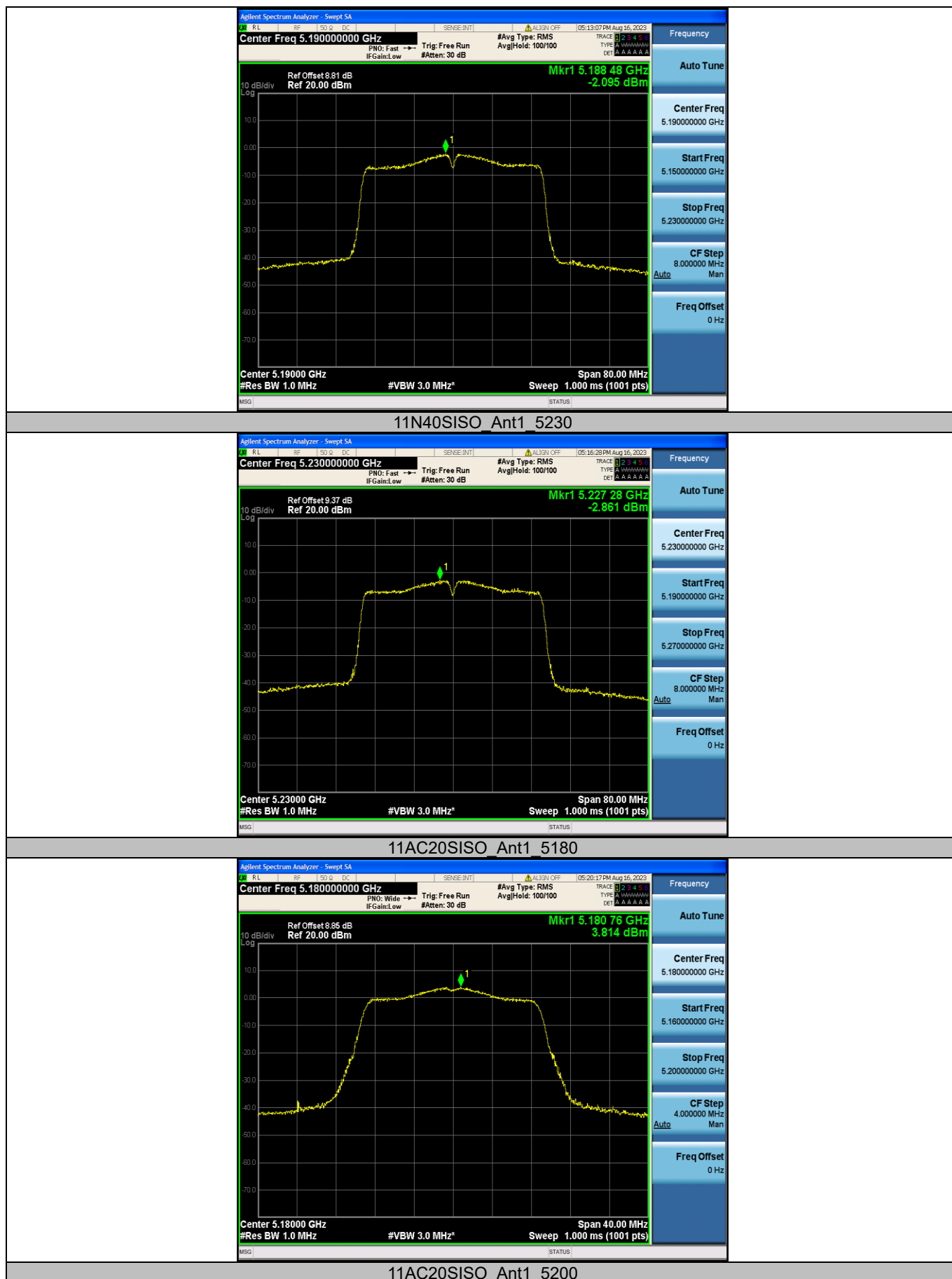
Test Mode	Antenna	Frequency [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	4.57	≤11.00	PASS
		5200	4.62	≤11.00	PASS
		5240	3.49	≤11.00	PASS
11N20SISO	Ant1	5180	4.31	≤11.00	PASS
		5200	3.89	≤11.00	PASS
		5240	2.93	≤11.00	PASS
11N40SISO	Ant1	5190	-2.1	≤11.00	PASS
		5230	-2.86	≤11.00	PASS
11AC20SISO	Ant1	5180	3.81	≤11.00	PASS
		5200	4.09	≤11.00	PASS
		5240	3.16	≤11.00	PASS
11AC40SISO	Ant1	5190	-2.16	≤11.00	PASS
		5230	-2.57	≤11.00	PASS
11AC80SISO	Ant1	5210	-8.12	≤11.00	PASS

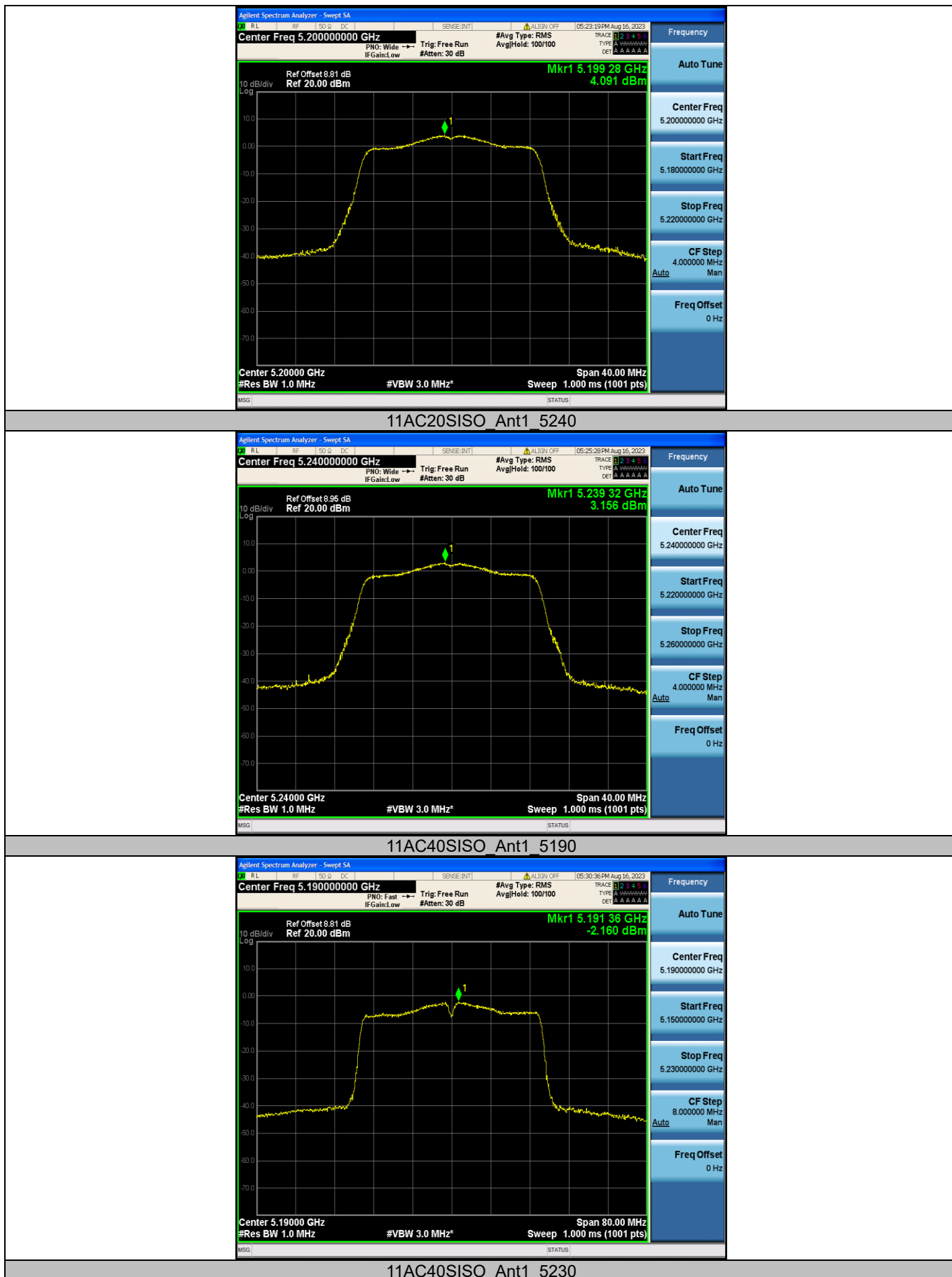
Note: The Duty Cycle Factor and RBW Factor is compensated in the graph.

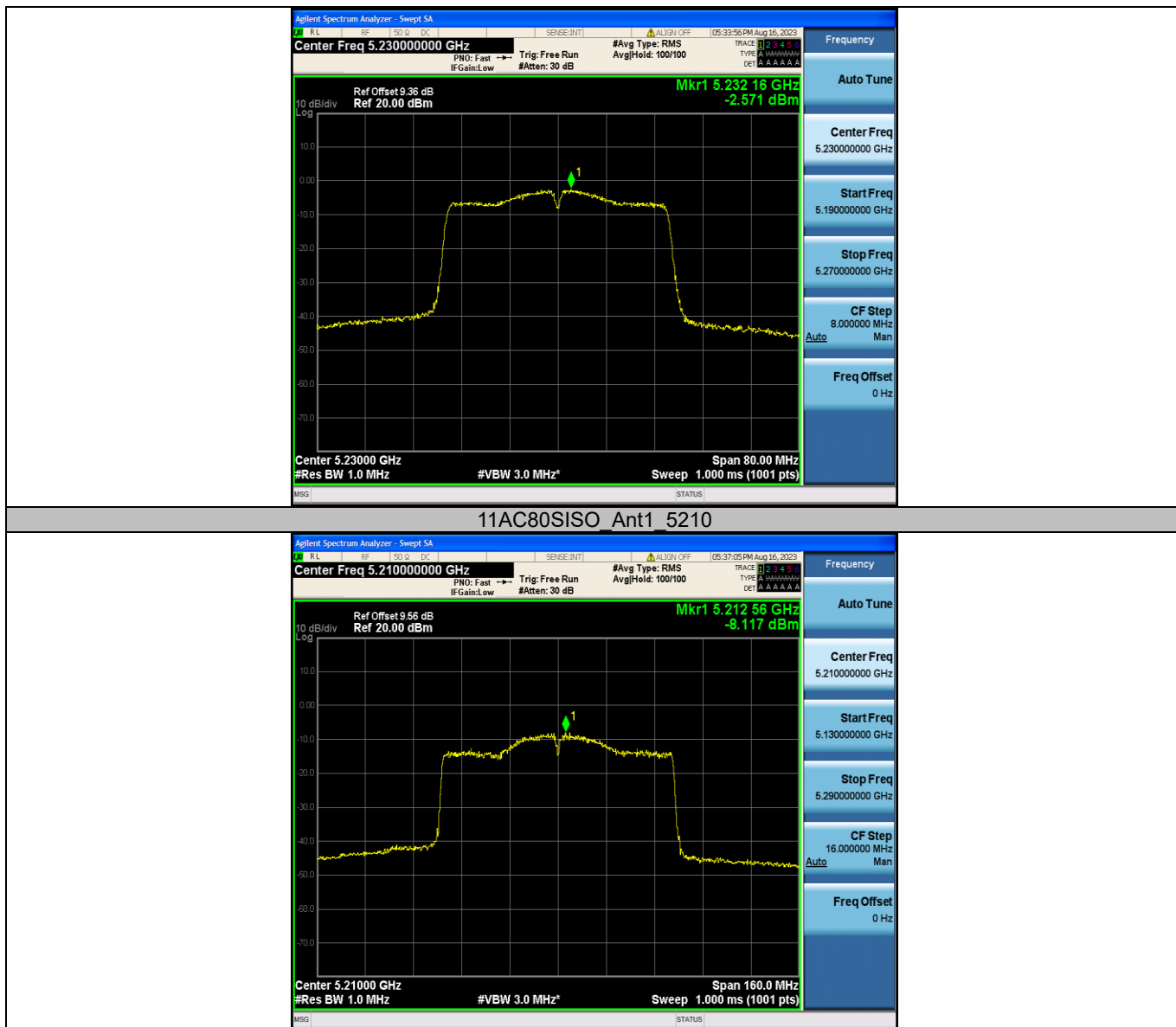
Test Graphs









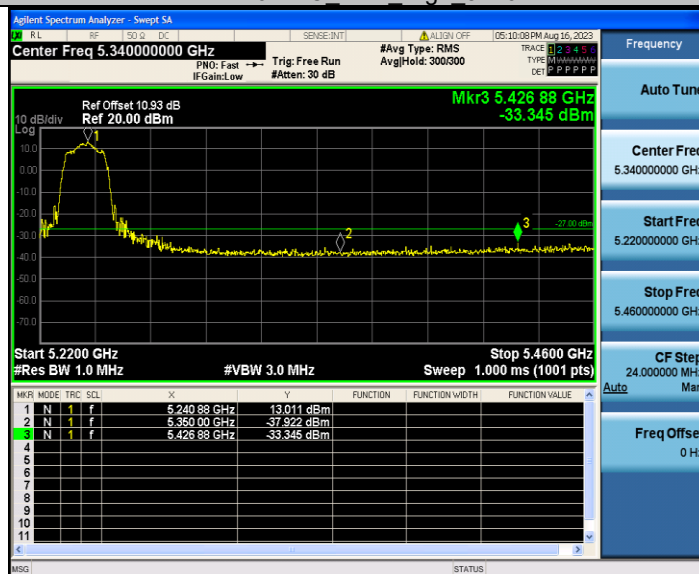


Appendix E: Band edge measurements

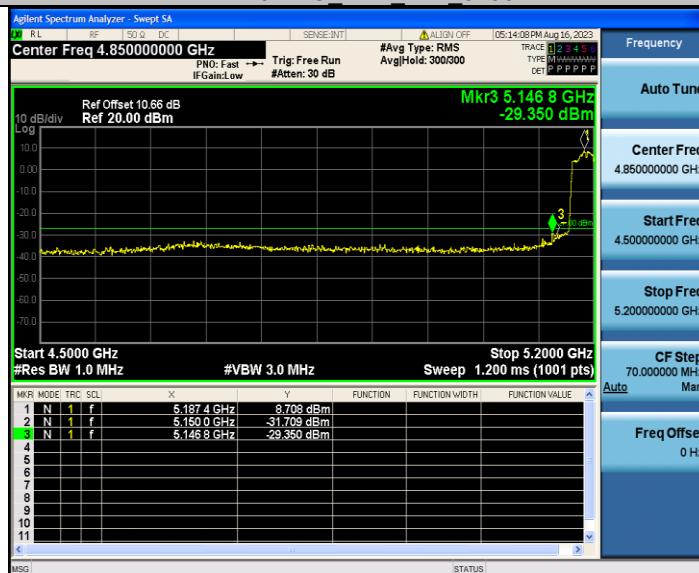
Test Graphs B1



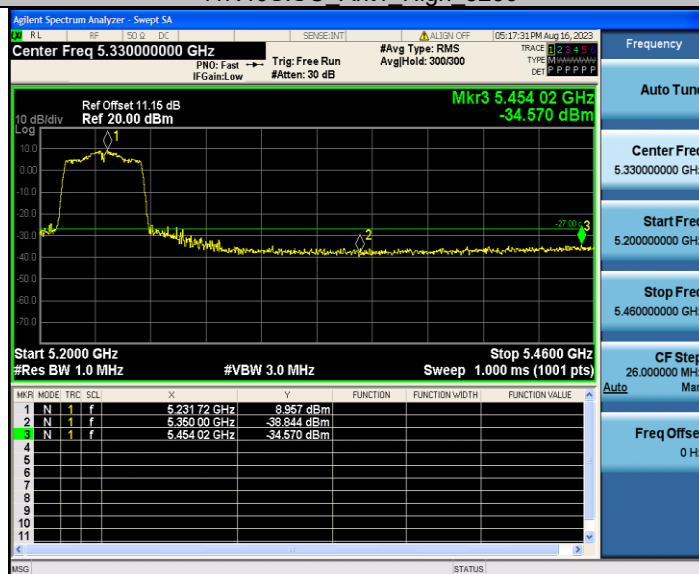
11N20SISO Ant1 High 5240



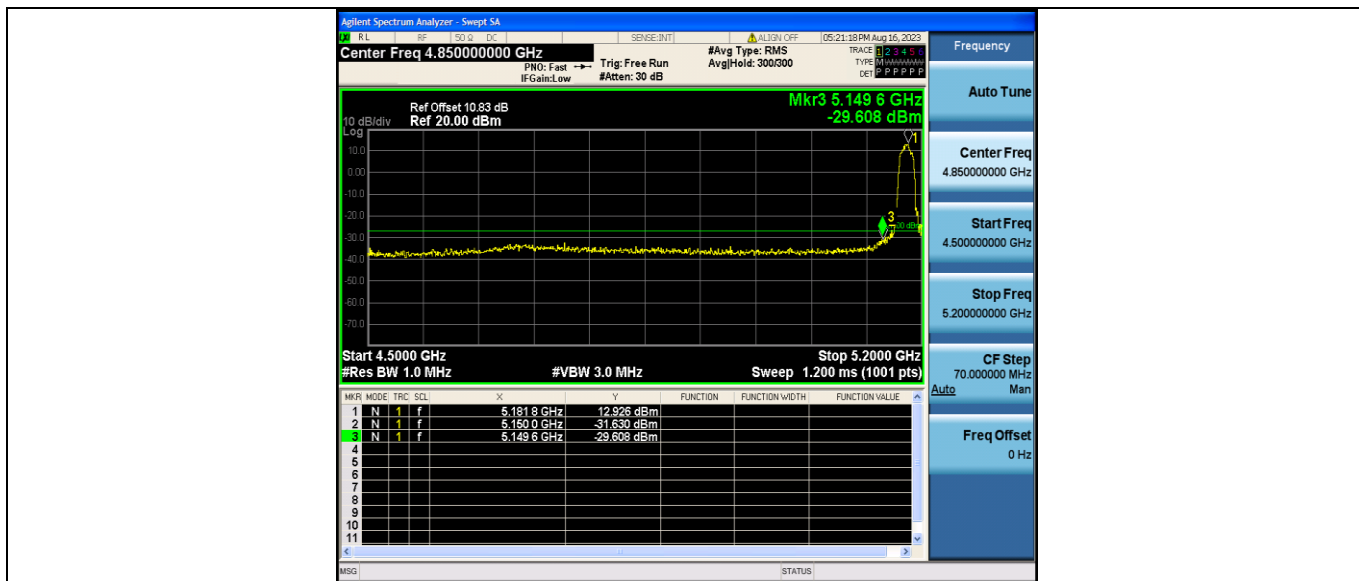
11N40SISO Ant1 Low 5190



11N40SISO Ant1 High 5230



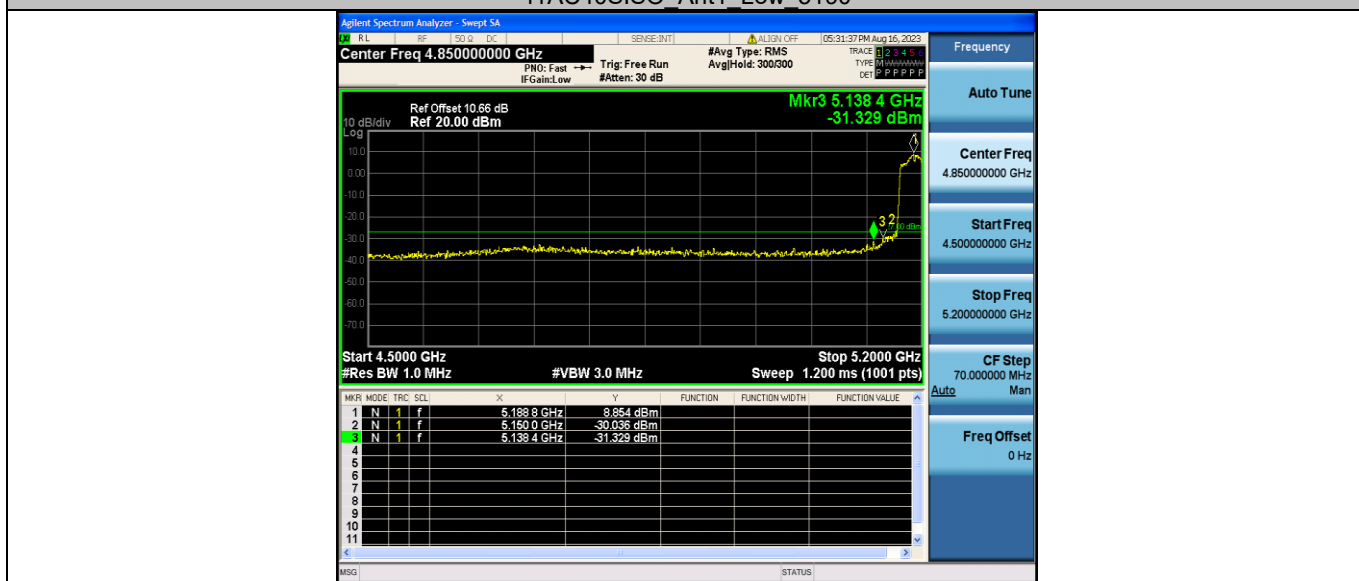
11AC20SISO Ant1 Low 5180



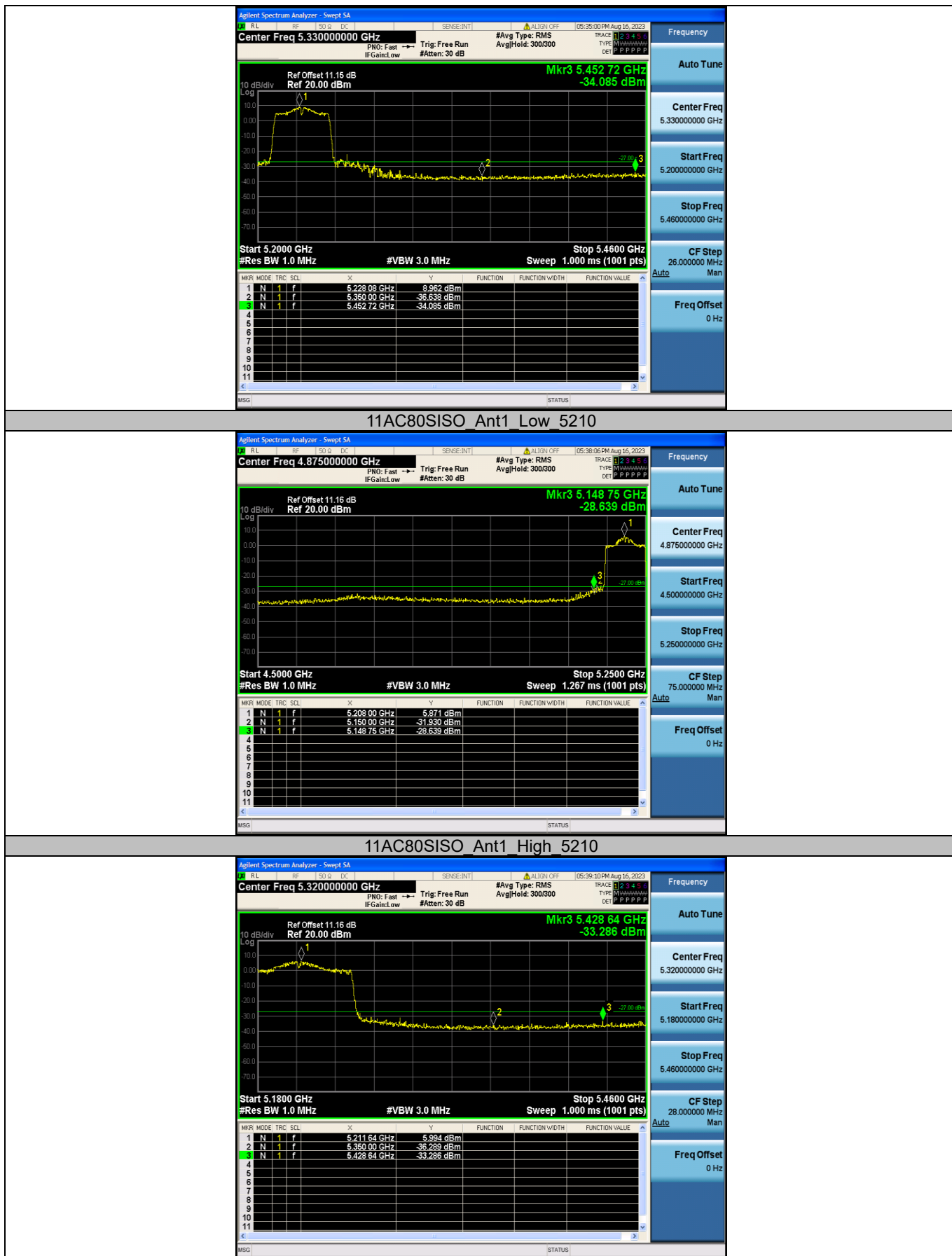
11AC20SISO Ant1 High 5240



11AC40SISO Ant1 Low 5190



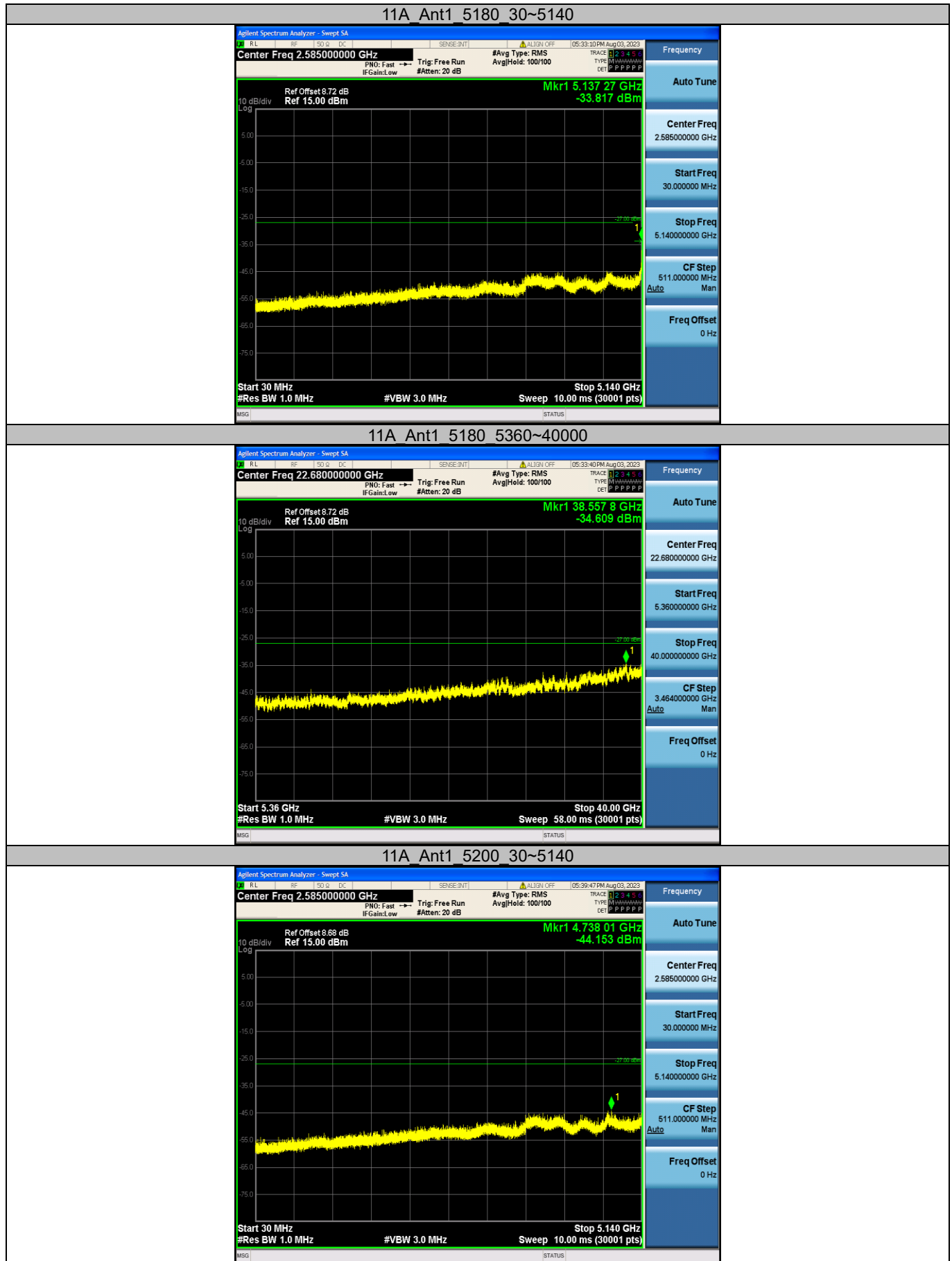
11AC40SISO Ant1 High 5230

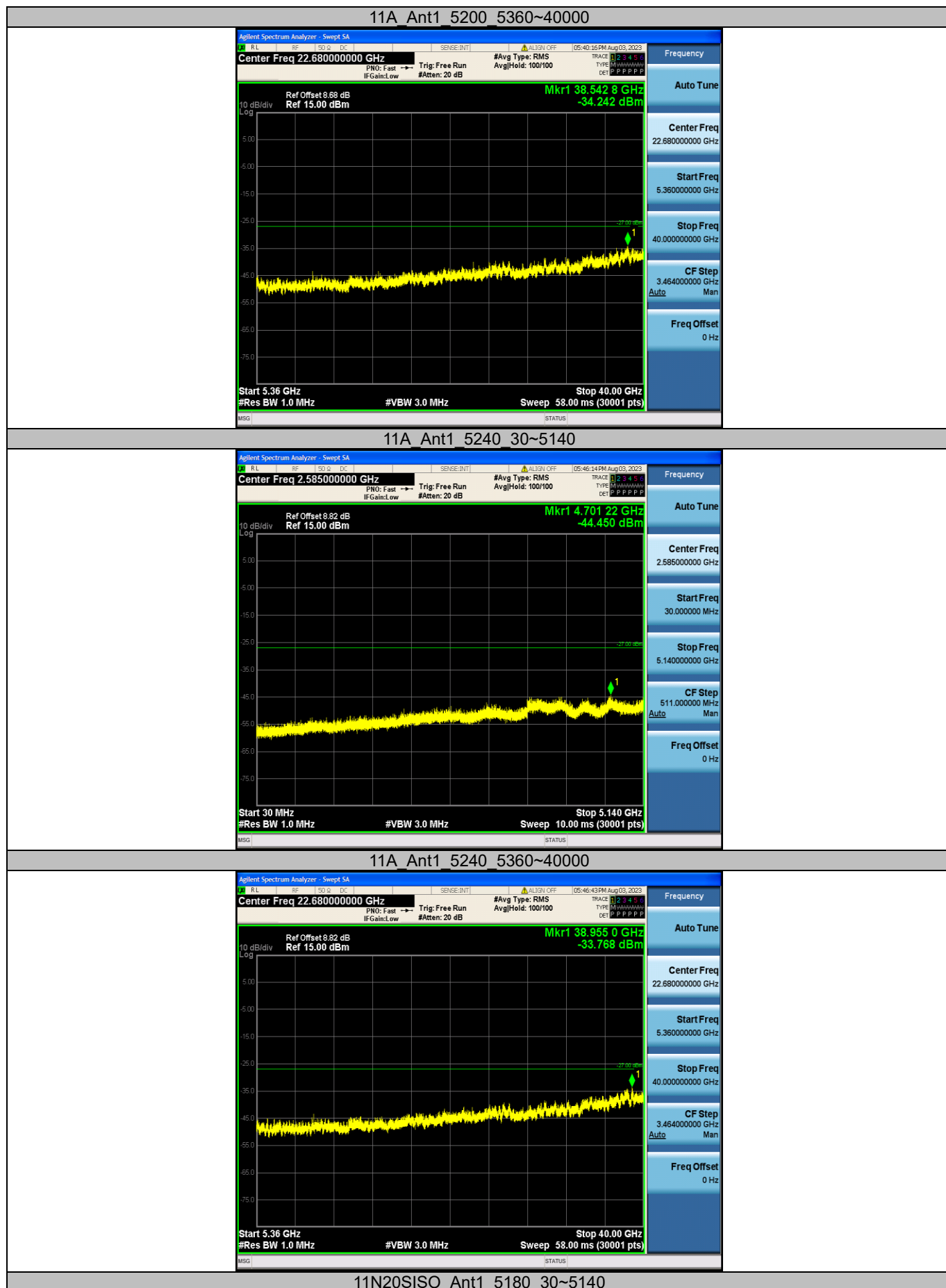


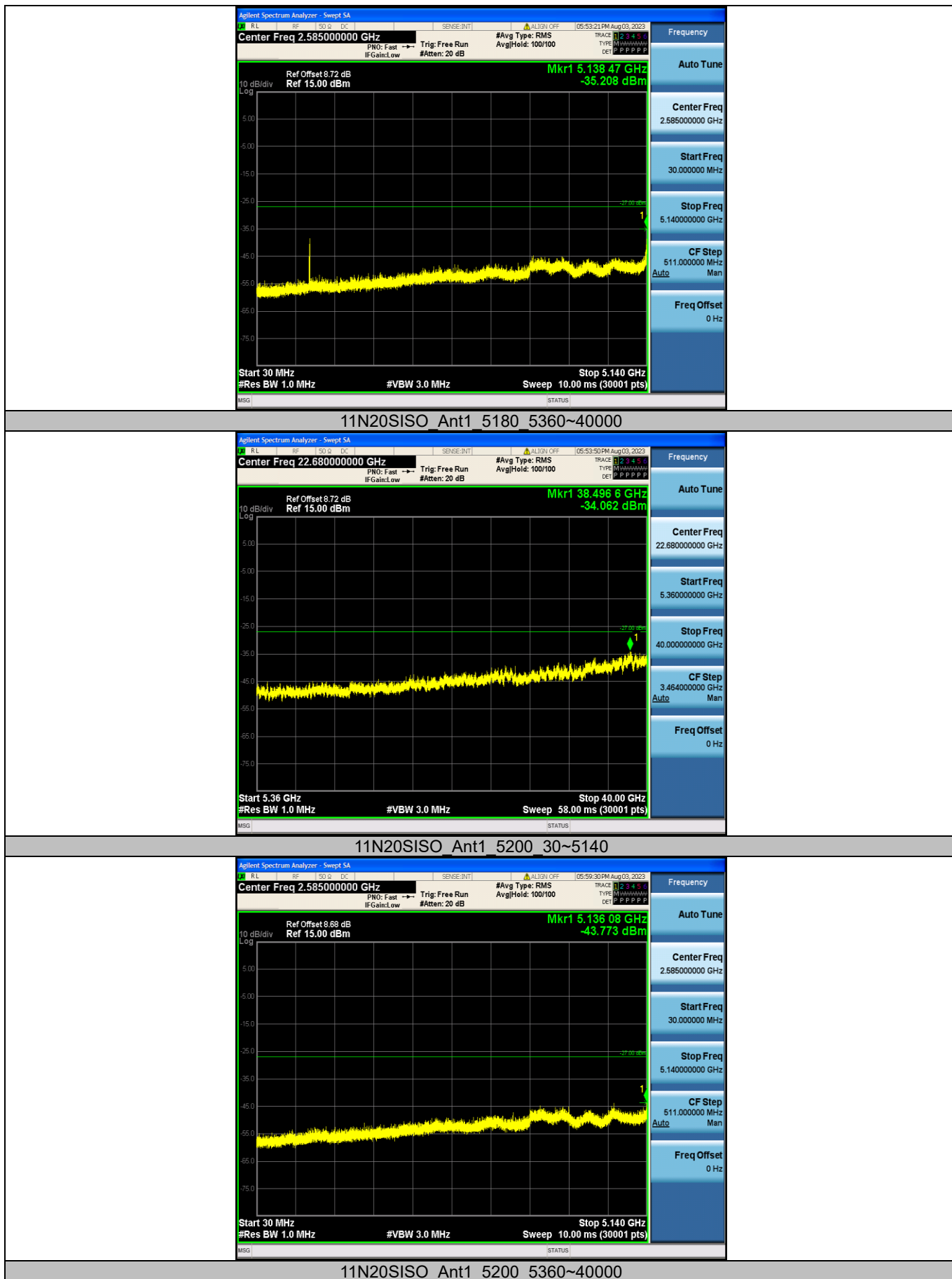
Note: The antenna gain and cable loss is compensated in the test plot.

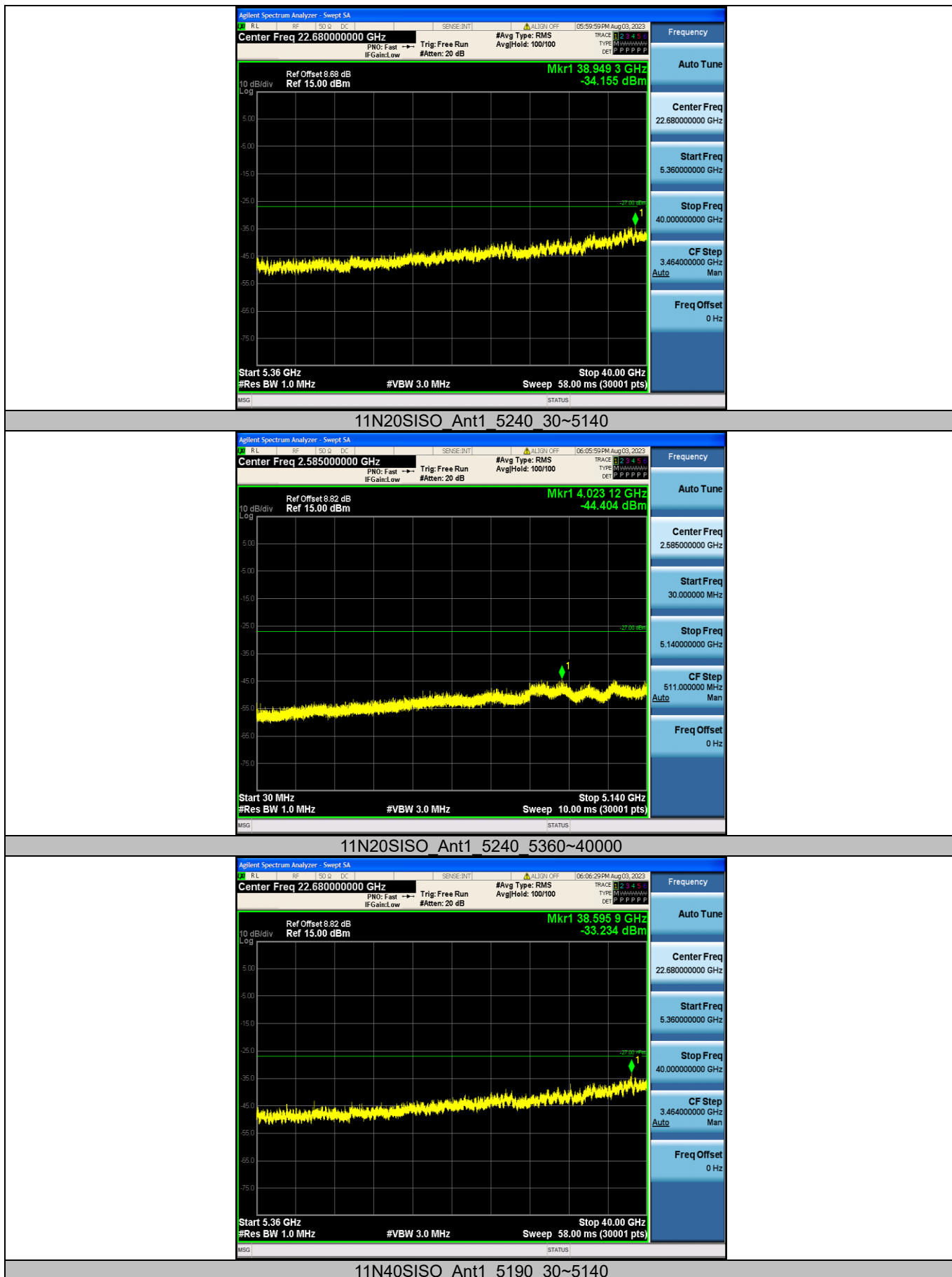
Appendix F: Conducted Spurious Emission

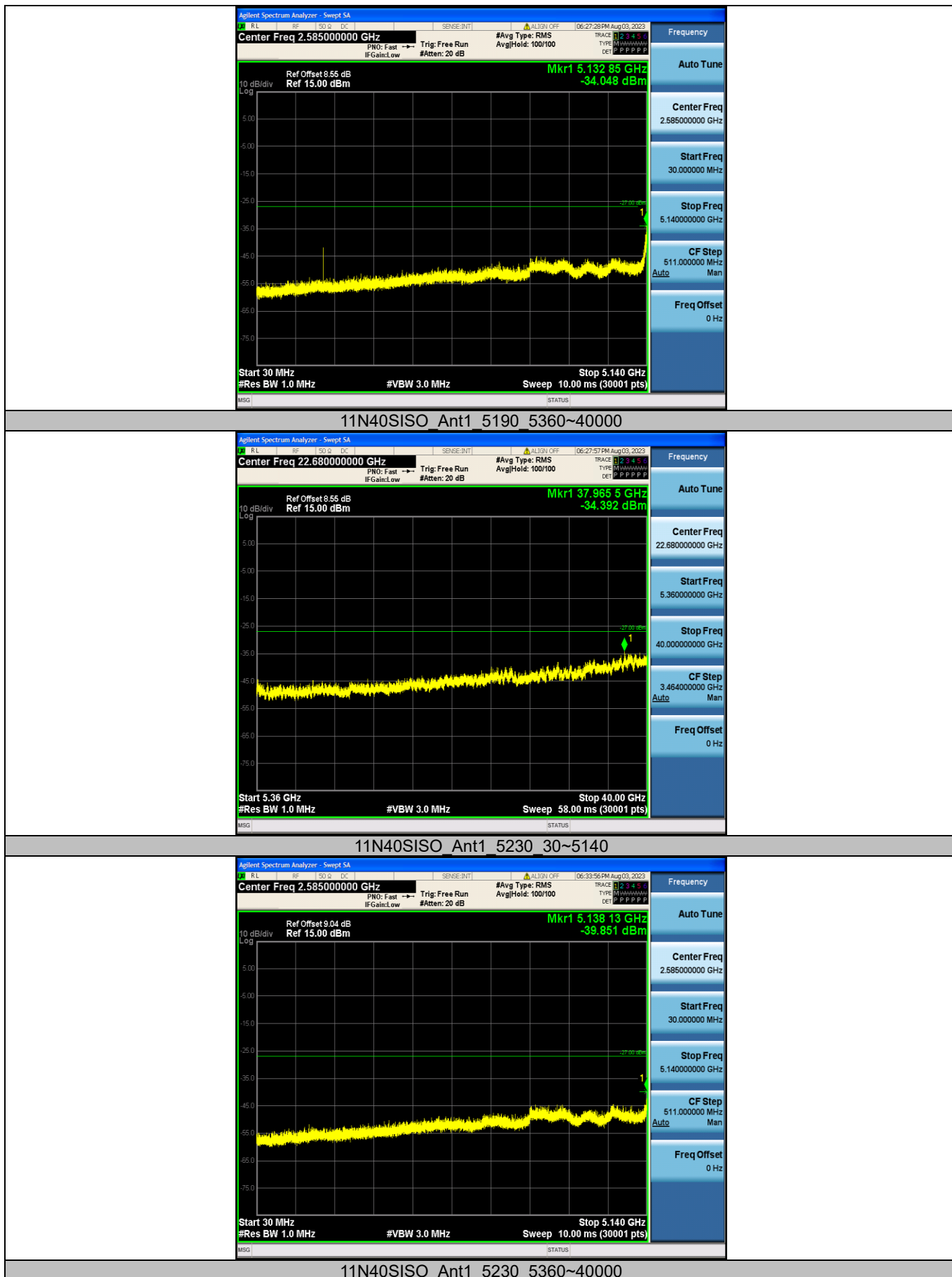
Test Graphs

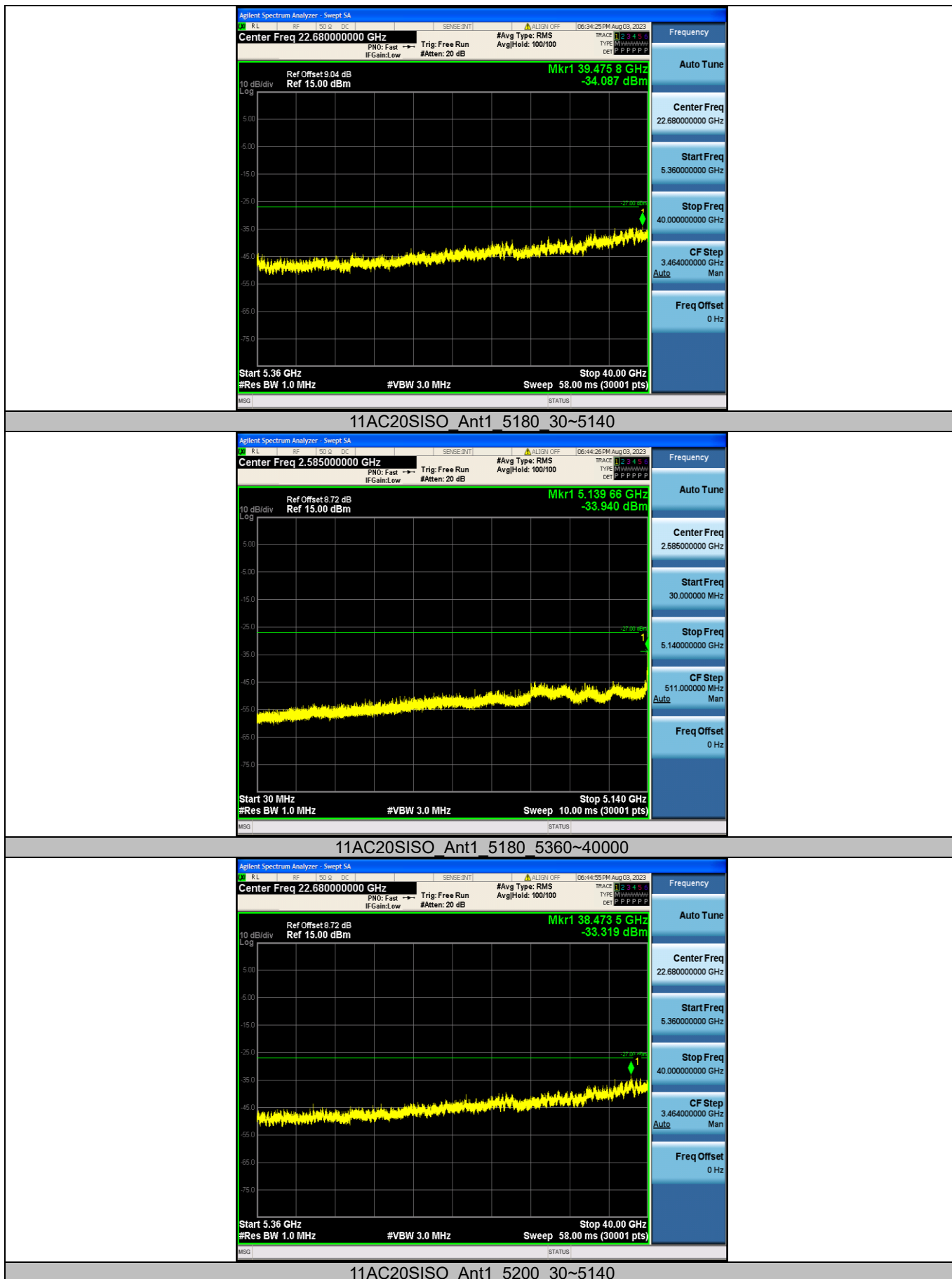


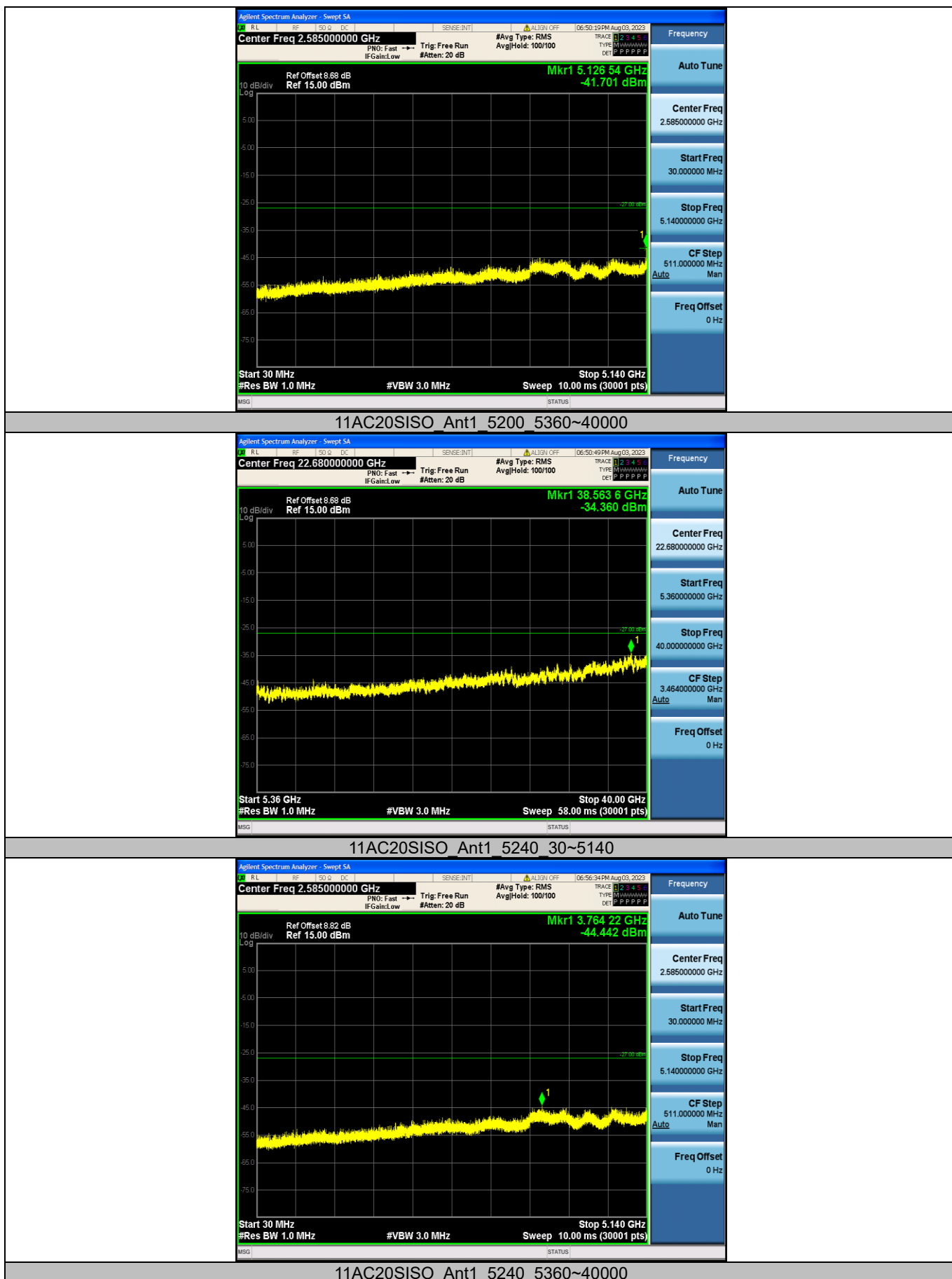


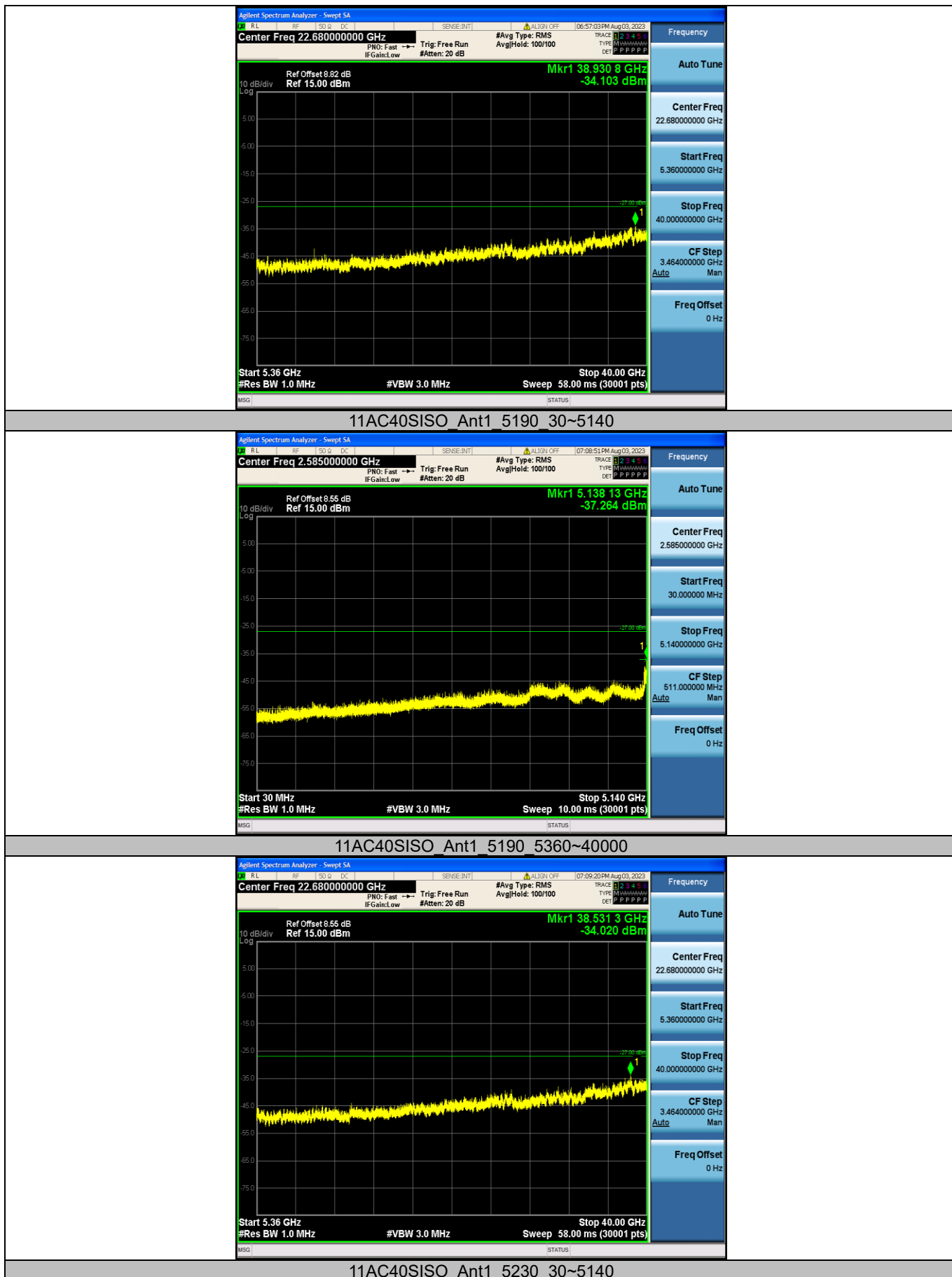


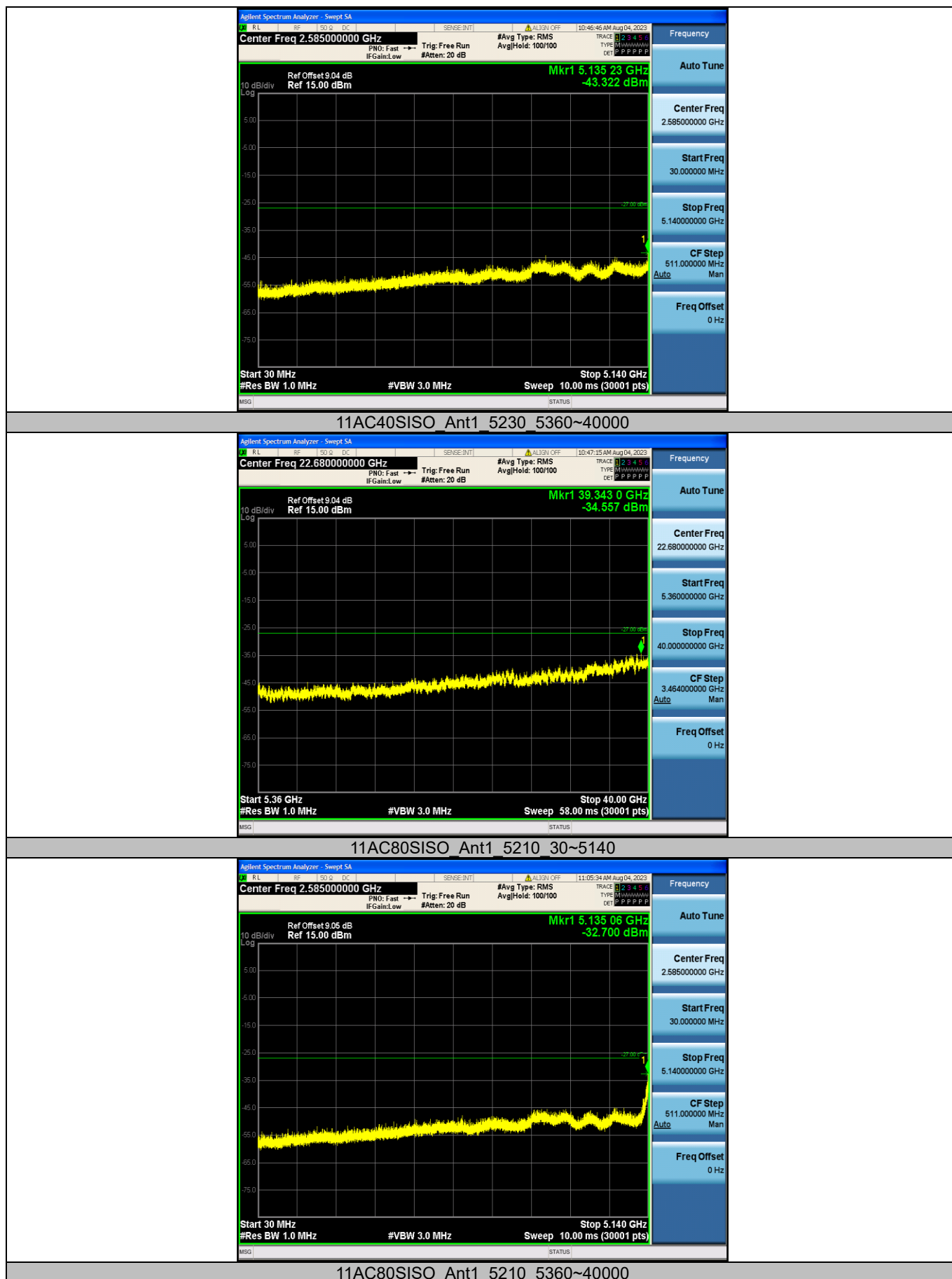


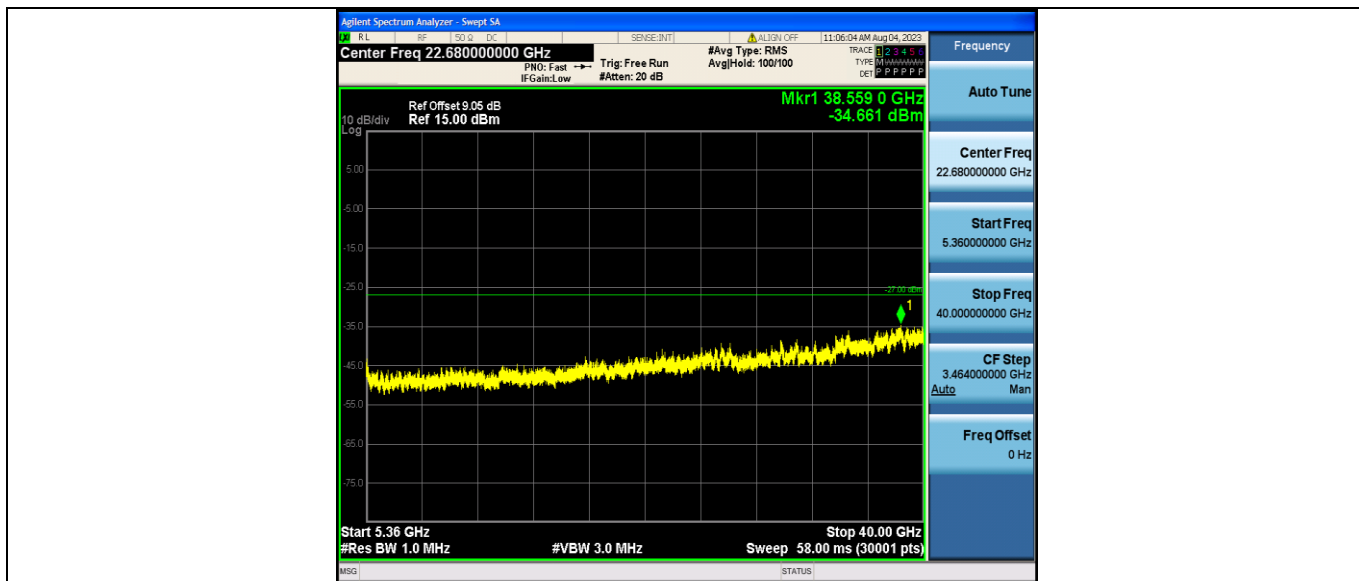












Note: The antenna gain and cable loss is compensated in the test plot.

Appendix G: Frequency Stability

Test Result

Voltage								
Test Mode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	-80000.00	-15.444015	20	PASS
			LV	NT	-80000.00	-15.444015	20	PASS
			HV	NT	-80000.00	-15.444015	20	PASS
		5200	NV	NT	-60000.00	-11.538462	20	PASS
			LV	NT	-80000.00	-15.384615	20	PASS
			HV	NT	-80000.00	-15.384615	20	PASS
		5240	NV	NT	-80000.00	-15.267176	20	PASS
			LV	NT	-80000.00	-15.267176	20	PASS
			HV	NT	-40000.00	-7.633588	20	PASS
11N20SISO	Ant1	5180	NV	NT	-100000.00	-19.305019	20	PASS
			LV	NT	-80000.00	-15.444015	20	PASS
			HV	NT	-80000.00	-15.444015	20	PASS
		5200	NV	NT	-80000.00	-15.384615	20	PASS
			LV	NT	-80000.00	-15.384615	20	PASS
			HV	NT	-60000.00	-11.538462	20	PASS
		5240	NV	NT	-100000.00	-19.083969	20	PASS
			LV	NT	-80000.00	-15.267176	20	PASS
			HV	NT	-80000.00	-15.267176	20	PASS
11N40SISO	Ant1	5190	NV	NT	-80000.00	-15.414258	20	PASS
			LV	NT	-80000.00	-15.414258	20	PASS
			HV	NT	-40000.00	-7.707129	20	PASS
		5230	NV	NT	-80000.00	-15.296367	20	PASS
			LV	NT	-80000.00	-15.296367	20	PASS
			HV	NT	-80000.00	-15.296367	20	PASS
11AC20SISO	Ant1	5180	NV	NT	-80000.00	-15.444015	20	PASS
			LV	NT	-80000.00	-15.444015	20	PASS
			HV	NT	-60000.00	-11.583012	20	PASS
		5200	NV	NT	-80000.00	-15.384615	20	PASS
			LV	NT	-80000.00	-15.384615	20	PASS
			HV	NT	-60000.00	-11.538462	20	PASS
		5240	NV	NT	-100000.00	-19.083969	20	PASS
			LV	NT	-80000.00	-15.267176	20	PASS
			HV	NT	-80000.00	-15.267176	20	PASS
11AC40SISO	Ant1	5190	NV	NT	-40000.00	-7.707129	20	PASS
			LV	NT	-80000.00	-15.414258	20	PASS
			HV	NT	-80000.00	-15.414258	20	PASS
		5230	NV	NT	-120000.00	-22.944551	20	FAIL
			LV	NT	-80000.00	-15.296367	20	PASS
			HV	NT	-40000.00	-7.648184	20	PASS
11AC80SISO	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

Temperature								
Test Mode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	-60000.00	-11.583012	20	PASS
			NV	-20	-80000.00	-15.444015	20	PASS
			NV	-10	-60000.00	-11.583012	20	PASS
			NV	0	-80000.00	-15.444015	20	PASS
			NV	10	-80000.00	-15.444015	20	PASS
			NV	20	-80000.00	-15.444015	20	PASS
			NV	30	-80000.00	-15.444015	20	PASS
			NV	40	-80000.00	-15.444015	20	PASS
			NV	50	-80000.00	-15.444015	20	PASS
		5200	NV	-30	-80000.00	-15.384615	20	PASS
			NV	-20	-80000.00	-15.384615	20	PASS
			NV	-10	-80000.00	-15.384615	20	PASS

			NV	0	-80000.00	-15.384615	20	PASS
			NV	10	-60000.00	-11.538462	20	PASS
			NV	20	-80000.00	-15.384615	20	PASS
			NV	30	-60000.00	-11.538462	20	PASS
			NV	40	-80000.00	-15.384615	20	PASS
			NV	50	-80000.00	-15.384615	20	PASS
		5240	NV	-30	-80000.00	-15.267176	20	PASS
			NV	-20	-80000.00	-15.267176	20	PASS
			NV	-10	-60000.00	-11.450382	20	PASS
			NV	0	-80000.00	-15.267176	20	PASS
			NV	10	-60000.00	-11.450382	20	PASS
			NV	20	-80000.00	-15.267176	20	PASS
			NV	30	-60000.00	-11.450382	20	PASS
			NV	40	-80000.00	-15.267176	20	PASS
			NV	50	-60000.00	-11.450382	20	PASS
			NV	-30	-60000.00	-11.583012	20	PASS
11N20SISO	Ant1	5180	NV	-20	-60000.00	-11.583012	20	PASS
			NV	-10	-80000.00	-15.444015	20	PASS
			NV	0	-80000.00	-15.444015	20	PASS
			NV	10	-80000.00	-15.444015	20	PASS
			NV	20	-100000.00	-19.305019	20	PASS
			NV	30	-80000.00	-15.444015	20	PASS
			NV	40	-100000.00	-19.305019	20	PASS
			NV	50	-80000.00	-15.444015	20	PASS
		5200	NV	-30	-100000.00	-19.230769	20	PASS
			NV	-20	-80000.00	-15.384615	20	PASS
			NV	-10	-80000.00	-15.384615	20	PASS
			NV	0	-80000.00	-15.384615	20	PASS
			NV	10	-60000.00	-11.538462	20	PASS
			NV	20	-80000.00	-15.384615	20	PASS
			NV	30	-80000.00	-15.384615	20	PASS
			NV	40	-80000.00	-15.384615	20	PASS
		5240	NV	50	-60000.00	-11.538462	20	PASS
			NV	-30	-60000.00	-11.450382	20	PASS
			NV	-20	-80000.00	-15.267176	20	PASS
			NV	-10	-60000.00	-11.450382	20	PASS
			NV	0	-60000.00	-11.450382	20	PASS
			NV	10	-60000.00	-11.450382	20	PASS
			NV	20	-60000.00	-11.450382	20	PASS
			NV	30	-80000.00	-15.267176	20	PASS
11N40SISO	Ant1	5190	NV	40	-60000.00	-11.450382	20	PASS
			NV	50	-80000.00	-15.267176	20	PASS
			NV	-30	-80000.00	-15.267176	20	PASS
			NV	-20	-80000.00	-15.267176	20	PASS
			NV	-10	-80000.00	-15.414258	20	PASS
			NV	0	-80000.00	-15.414258	20	PASS
			NV	10	-80000.00	-15.414258	20	PASS
			NV	20	-80000.00	-15.414258	20	PASS
		5230	NV	30	-80000.00	-15.414258	20	PASS
			NV	40	-40000.00	-7.707129	20	PASS
			NV	50	-40000.00	-7.707129	20	PASS
			NV	-30	-80000.00	-15.296367	20	PASS
			NV	-20	-80000.00	-15.296367	20	PASS
			NV	-10	-80000.00	-15.296367	20	PASS
			NV	0	-80000.00	-15.296367	20	PASS
			NV	10	-80000.00	-15.296367	20	PASS
			NV	20	-80000.00	-15.296367	20	PASS
			NV	30	-80000.00	-15.296367	20	PASS
11AC20SISO	Ant1	5180	NV	40	-40000.00	-7.648184	20	PASS
			NV	50	-80000.00	-15.296367	20	PASS
			NV	-30	-80000.00	-15.444015	20	PASS
			NV	-20	-80000.00	-15.444015	20	PASS
			NV	-10	-80000.00	-15.444015	20	PASS
			NV	0	-80000.00	-15.444015	20	PASS
			NV	10	-60000.00	-11.583012	20	PASS
			NV	20	-100000.00	-19.305019	20	PASS
			NV	30	-80000.00	-15.444015	20	PASS

			NV	40	-80000.00	-15.444015	20	PASS
			NV	50	-60000.00	-11.583012	20	PASS
		5200	NV	-30	-60000.00	-11.538462	20	PASS
			NV	-20	-80000.00	-15.384615	20	PASS
			NV	-10	-80000.00	-15.384615	20	PASS
			NV	0	-100000.00	-19.230769	20	PASS
			NV	10	-60000.00	-11.538462	20	PASS
			NV	20	-80000.00	-15.384615	20	PASS
			NV	30	-80000.00	-15.384615	20	PASS
			NV	40	-80000.00	-15.384615	20	PASS
			NV	50	-80000.00	-15.384615	20	PASS
		5240	NV	-30	-100000.00	-19.083969	20	PASS
			NV	-20	-100000.00	-19.083969	20	PASS
			NV	-10	-40000.00	-7.633588	20	PASS
			NV	0	-80000.00	-15.267176	20	PASS
			NV	10	-60000.00	-11.450382	20	PASS
			NV	20	-80000.00	-15.267176	20	PASS
			NV	30	-60000.00	-11.450382	20	PASS
			NV	40	-80000.00	-15.267176	20	PASS
			NV	50	-60000.00	-11.450382	20	PASS
11AC40SIS O	Ant1	5190	NV	-30	-80000.00	-15.414258	20	PASS
			NV	-20	-40000.00	-7.707129	20	PASS
			NV	-10	-40000.00	-7.707129	20	PASS
			NV	0	-80000.00	-15.414258	20	PASS
			NV	10	-80000.00	-15.414258	20	PASS
			NV	20	-80000.00	-15.414258	20	PASS
			NV	30	-40000.00	-7.707129	20	PASS
			NV	40	-80000.00	-15.414258	20	PASS
			NV	50	-80000.00	-15.414258	20	PASS
		5230	NV	-30	-80000.00	-15.296367	20	PASS
			NV	-20	-40000.00	-7.648184	20	PASS
			NV	-10	-80000.00	-15.296367	20	PASS
			NV	0	-40000.00	-7.648184	20	PASS
			NV	10	-80000.00	-15.296367	20	PASS
			NV	20	-80000.00	-15.296367	20	PASS
			NV	30	-40000.00	-7.648184	20	PASS
			NV	40	-80000.00	-15.296367	20	PASS
11AC80SIS O	Ant1	5210	NV	-30	-80000.00	-15.355086	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	-80000.00	-15.355086	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

----End of Report----