

Appendix D: Maximum power spectral density

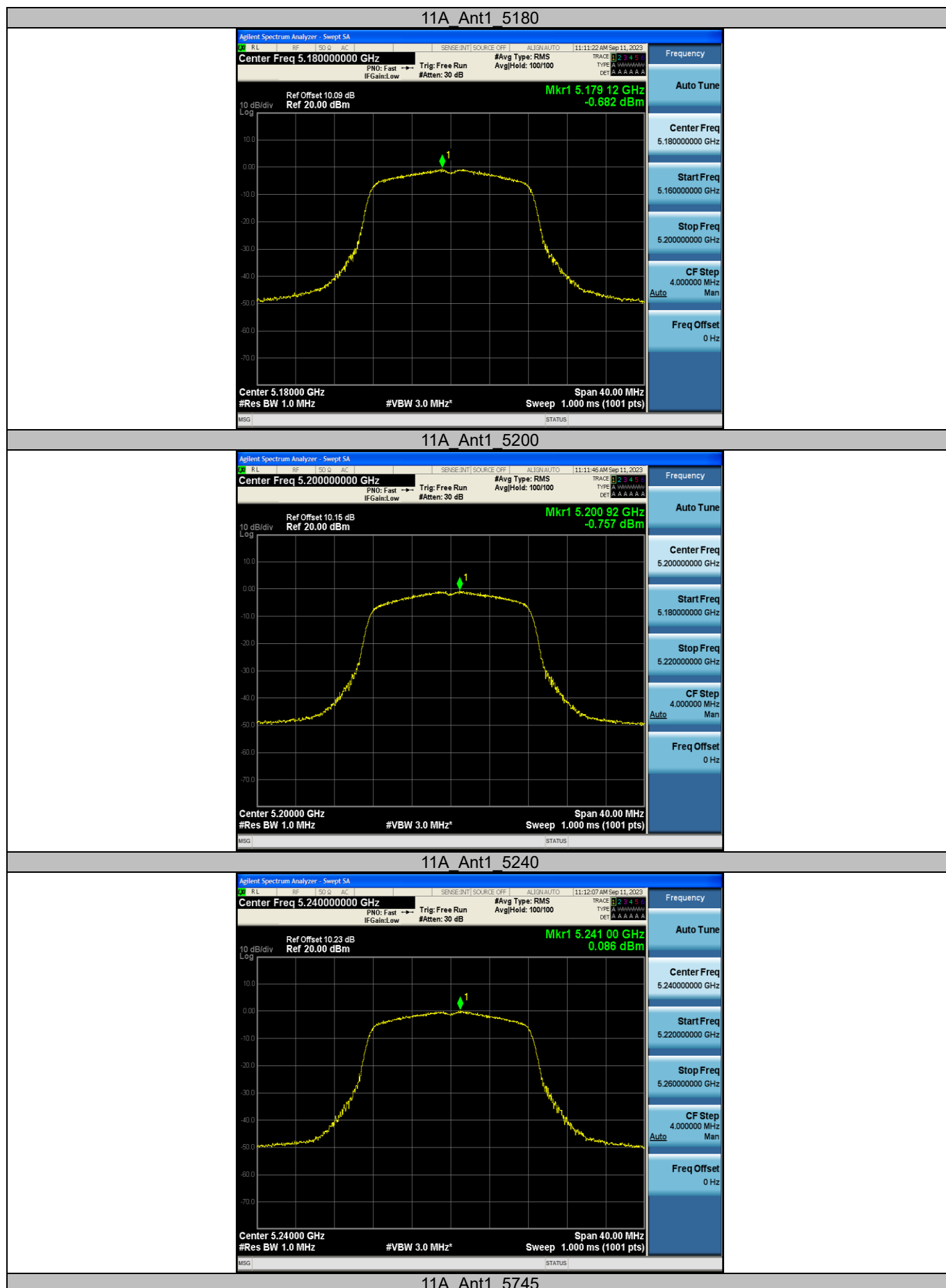
Test Result

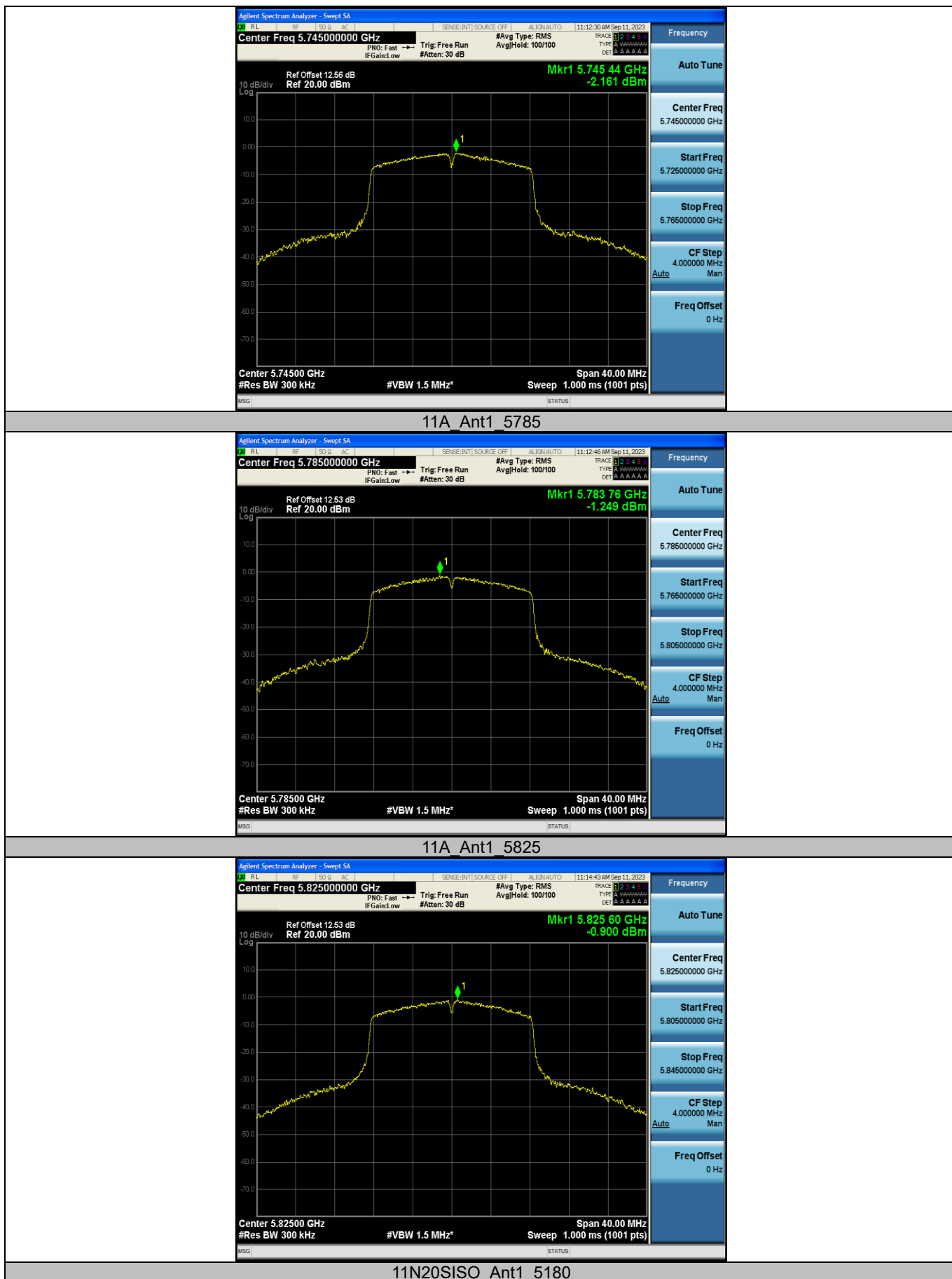
Test Mode	Antenna	Frequency [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	-0.68	≤11.00	PASS
		5200	-0.76	≤11.00	PASS
		5240	0.09	≤11.00	PASS
		5745	-2.16	≤30.00	PASS
		5785	-1.25	≤30.00	PASS
		5825	-0.9	≤30.00	PASS
11N20SISO	Ant1	5180	-0.26	≤11.00	PASS
		5200	-0.03	≤11.00	PASS
		5240	0.28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

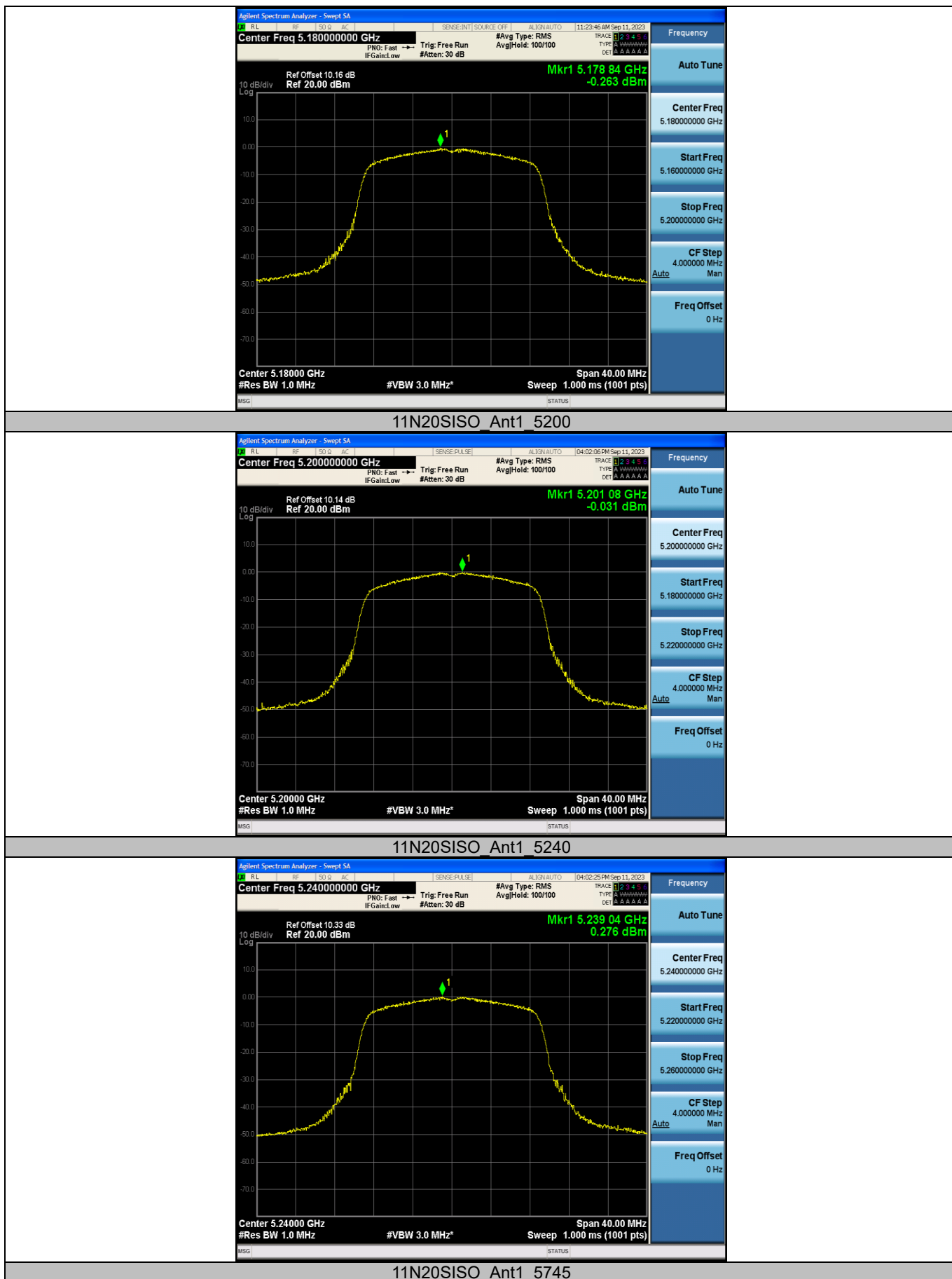
Note : 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

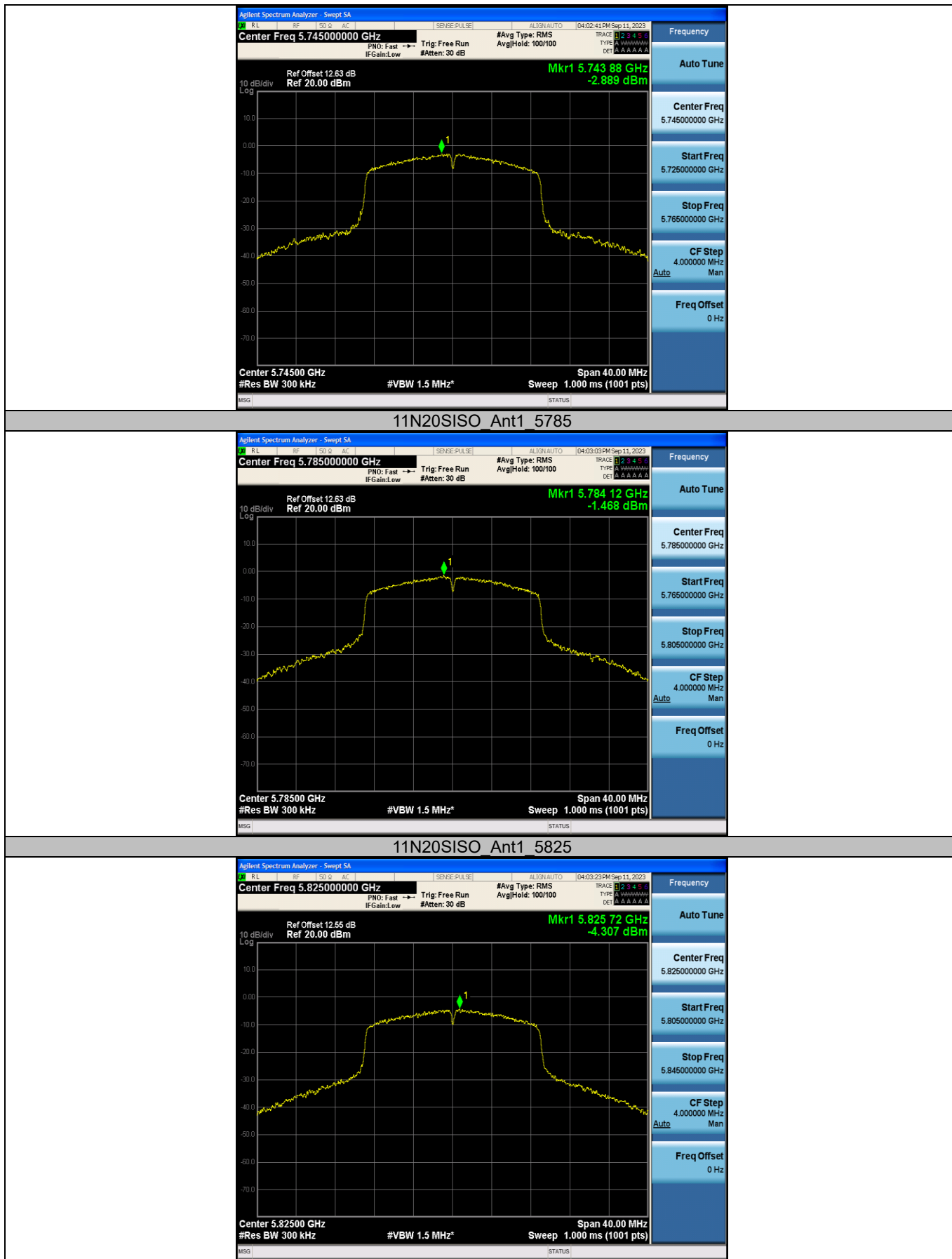
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs



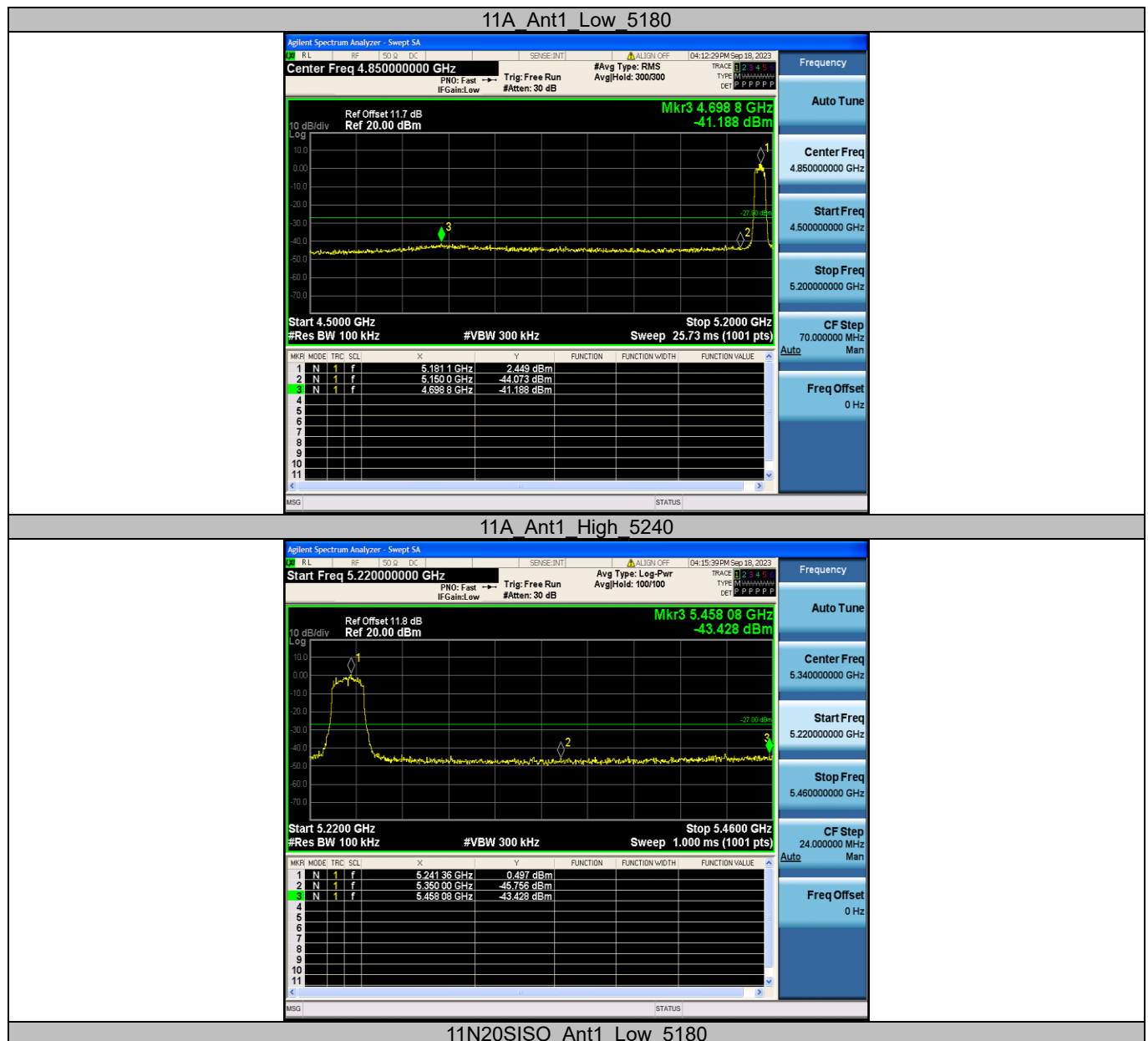


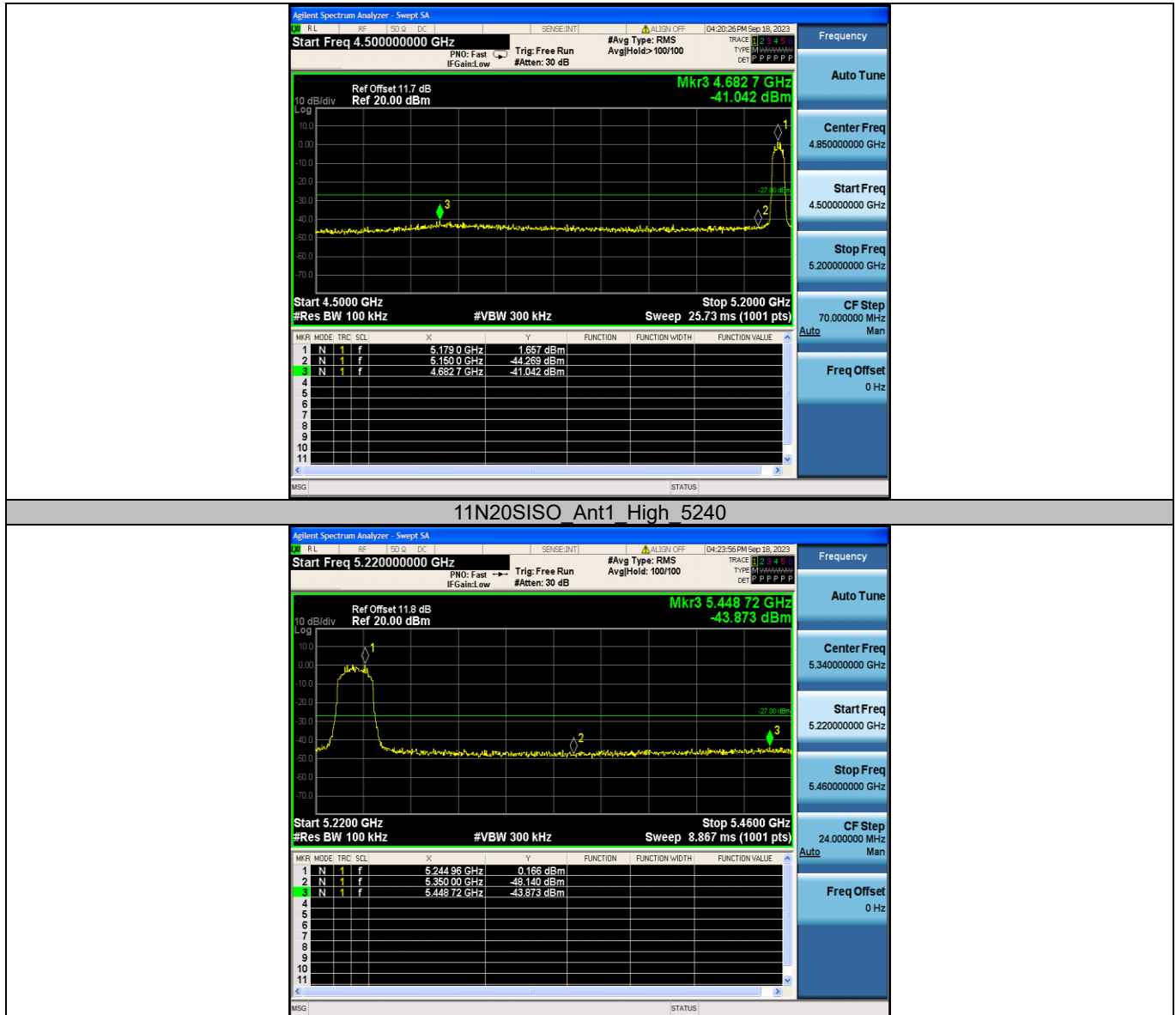




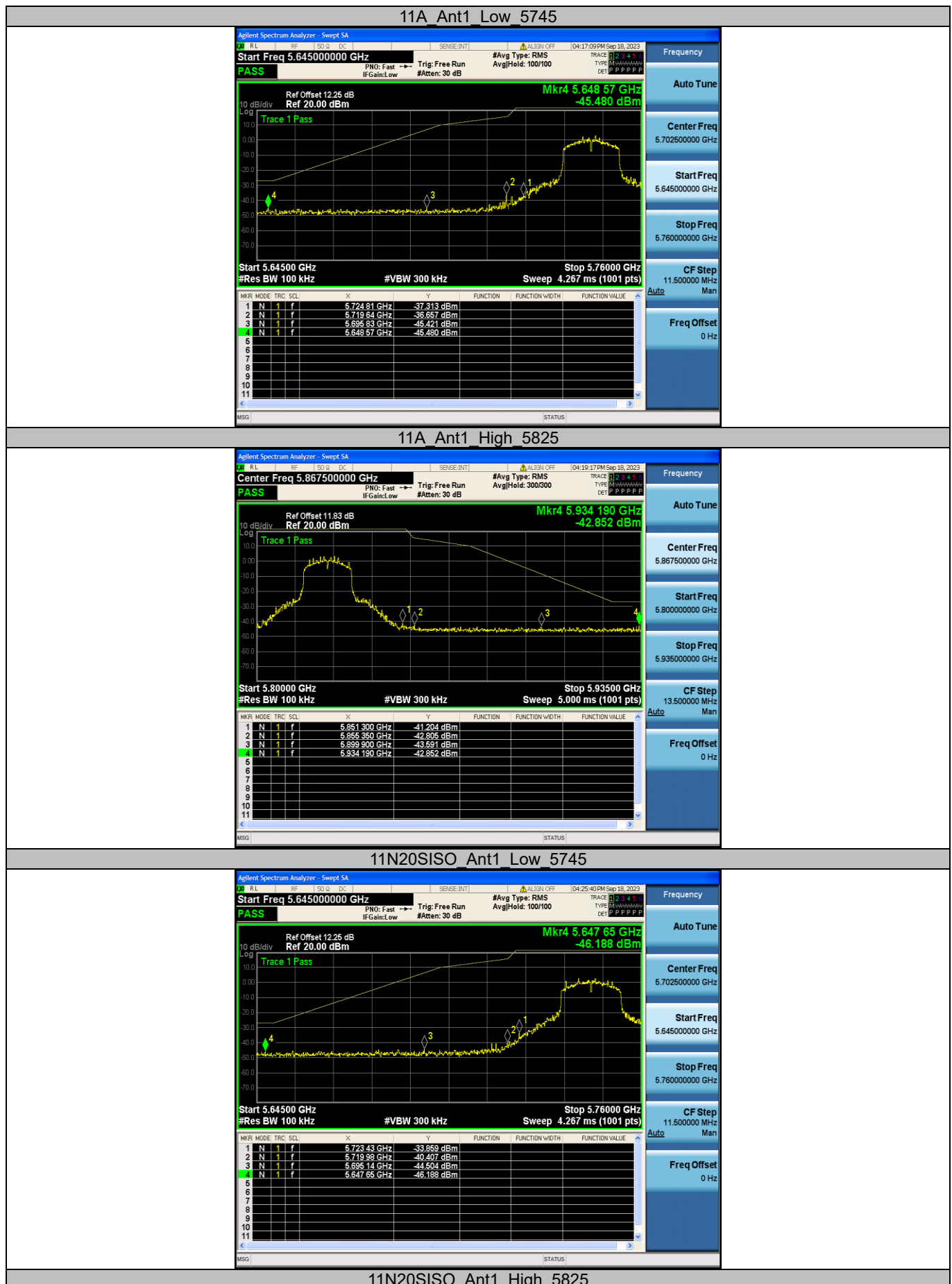
Appendix E: Band edge measurements

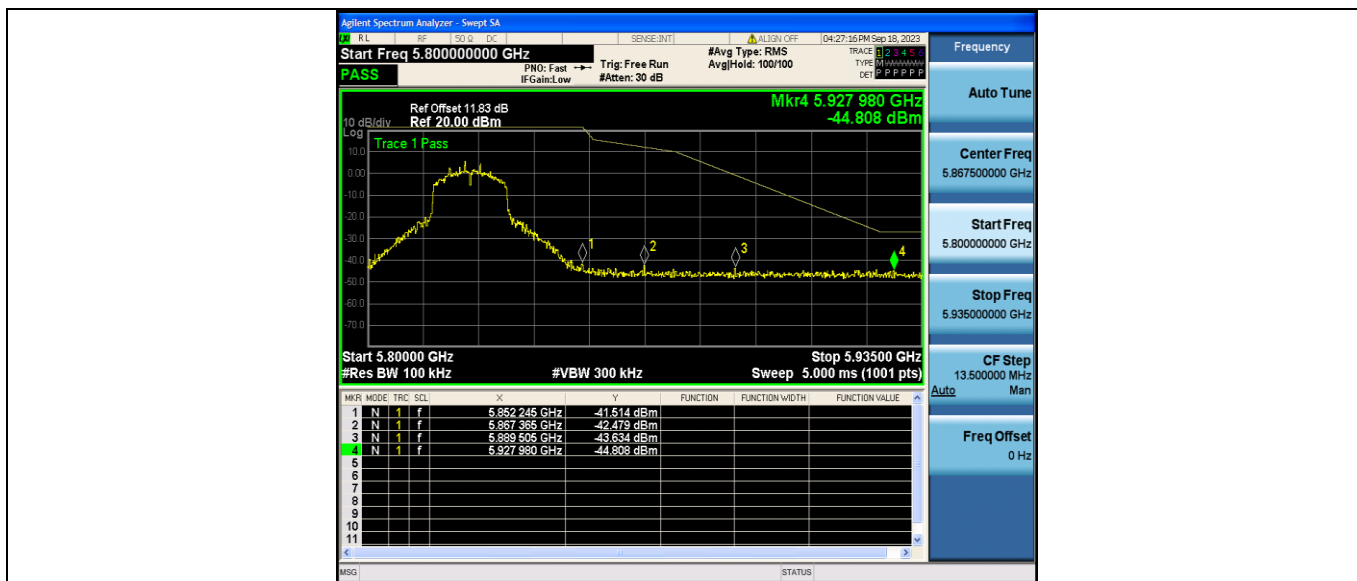
Test Graphs





Test Graphs B4

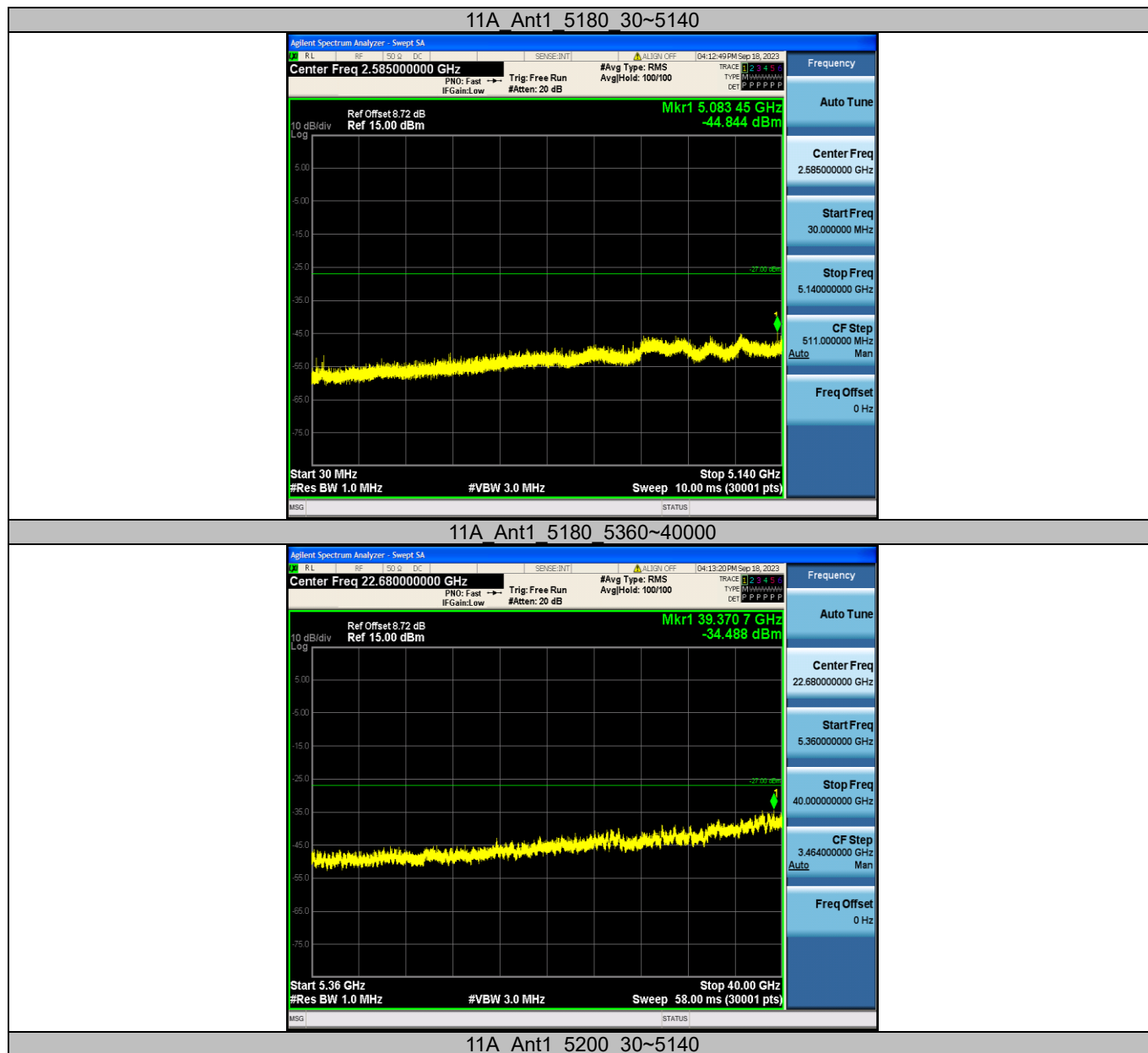


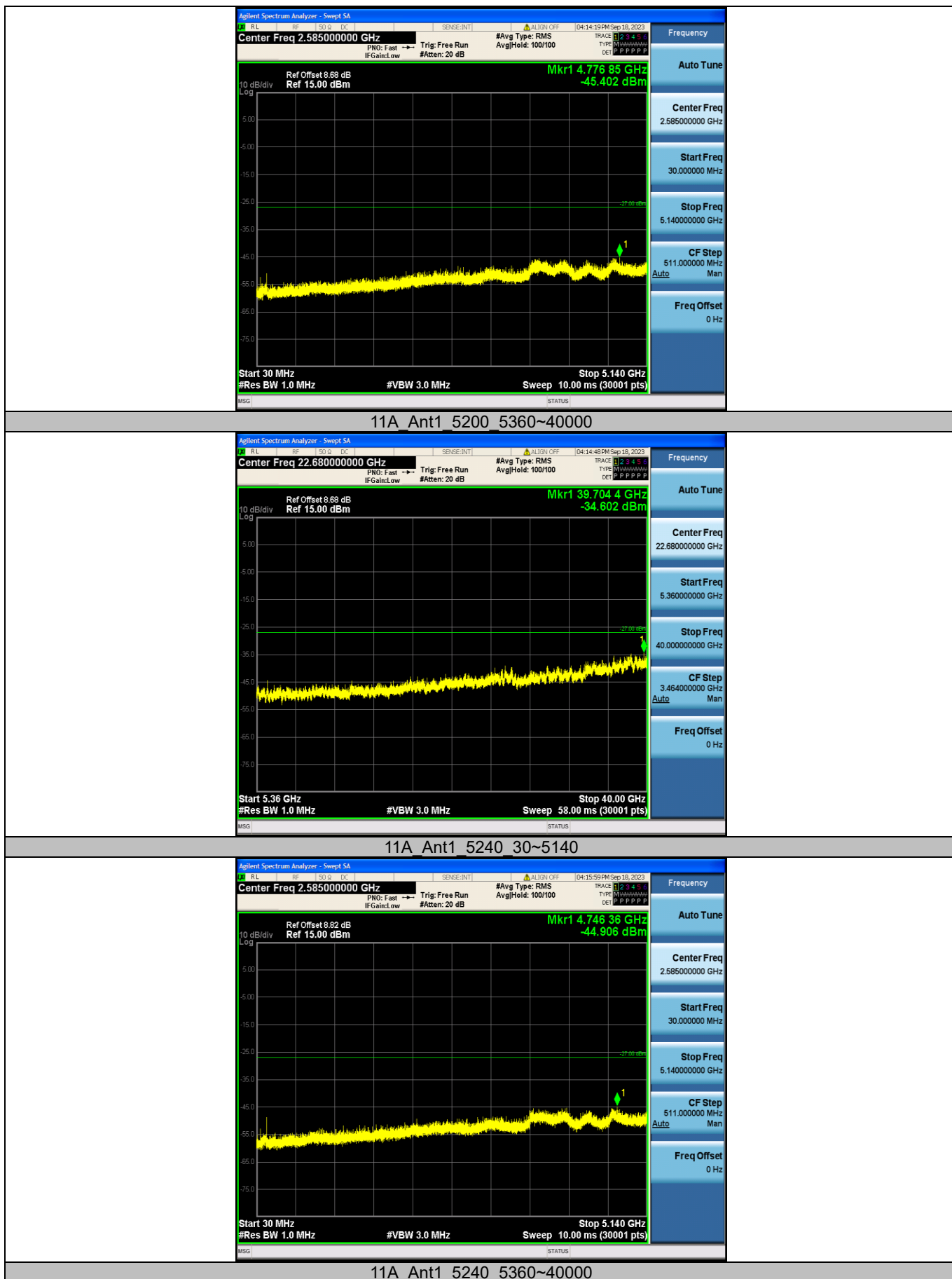


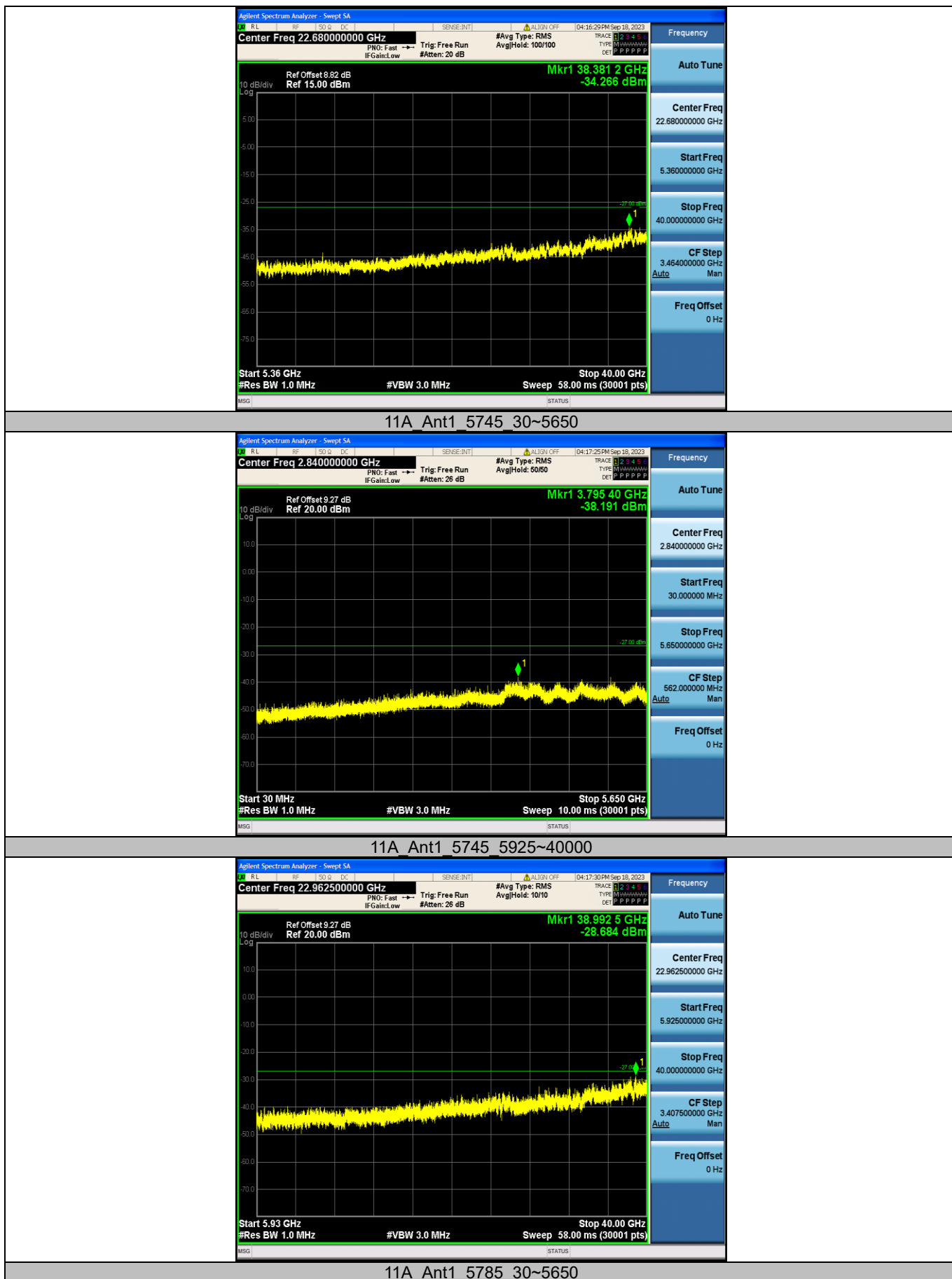
Note: Offset= Correct Factor (dBm)+Gain (dBi)

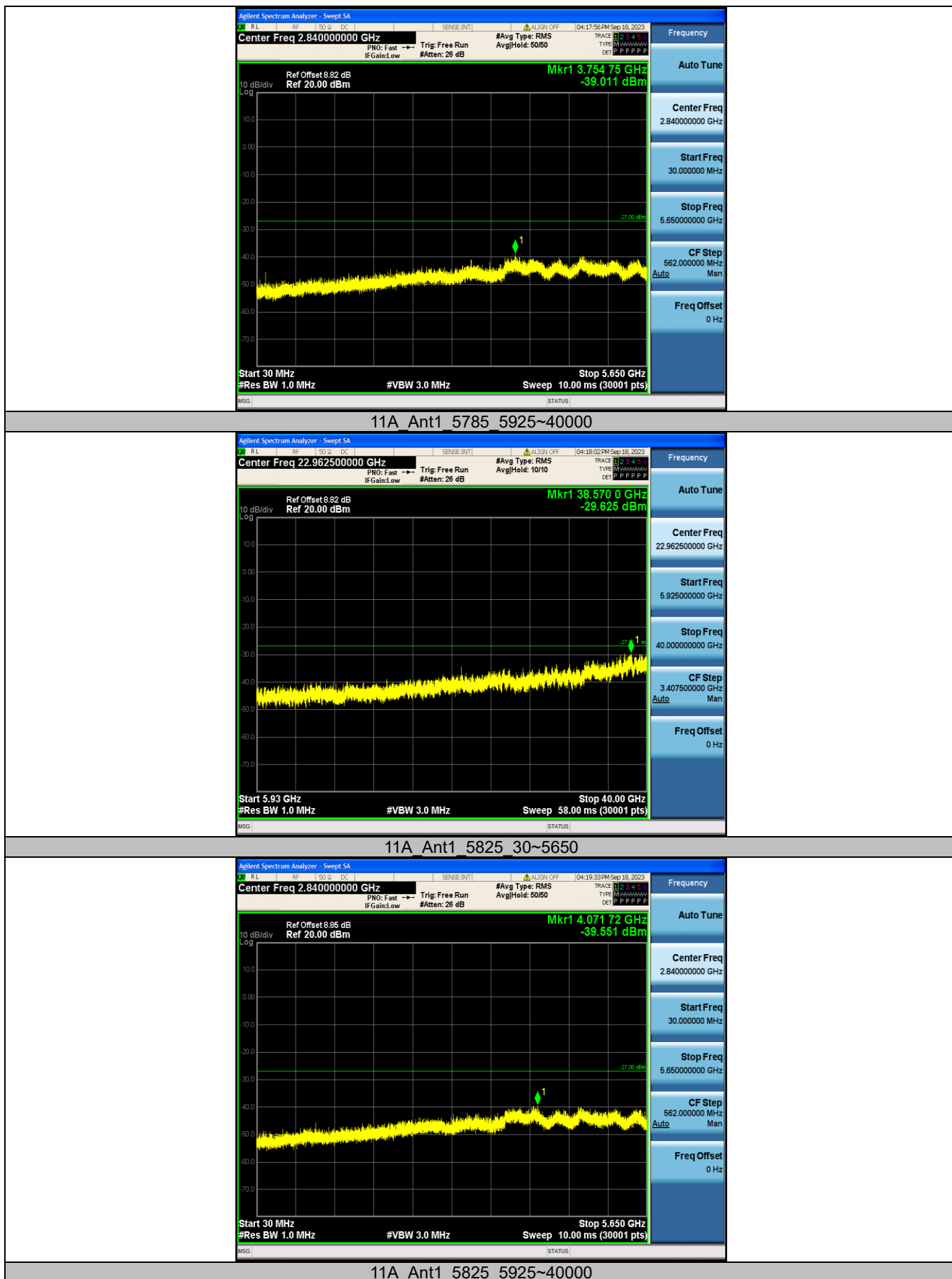
Appendix F: Conducted Spurious Emission

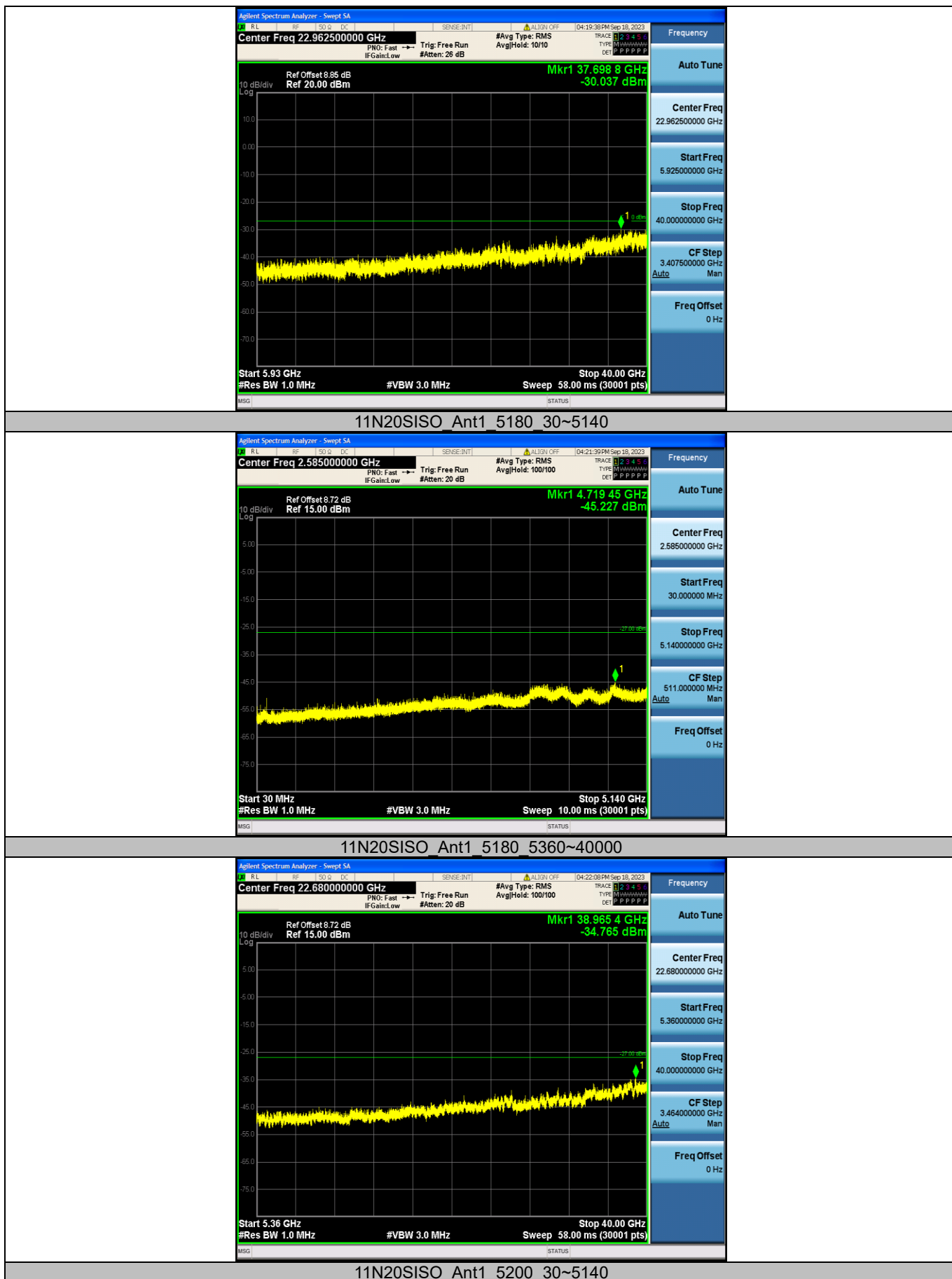
Test Graphs

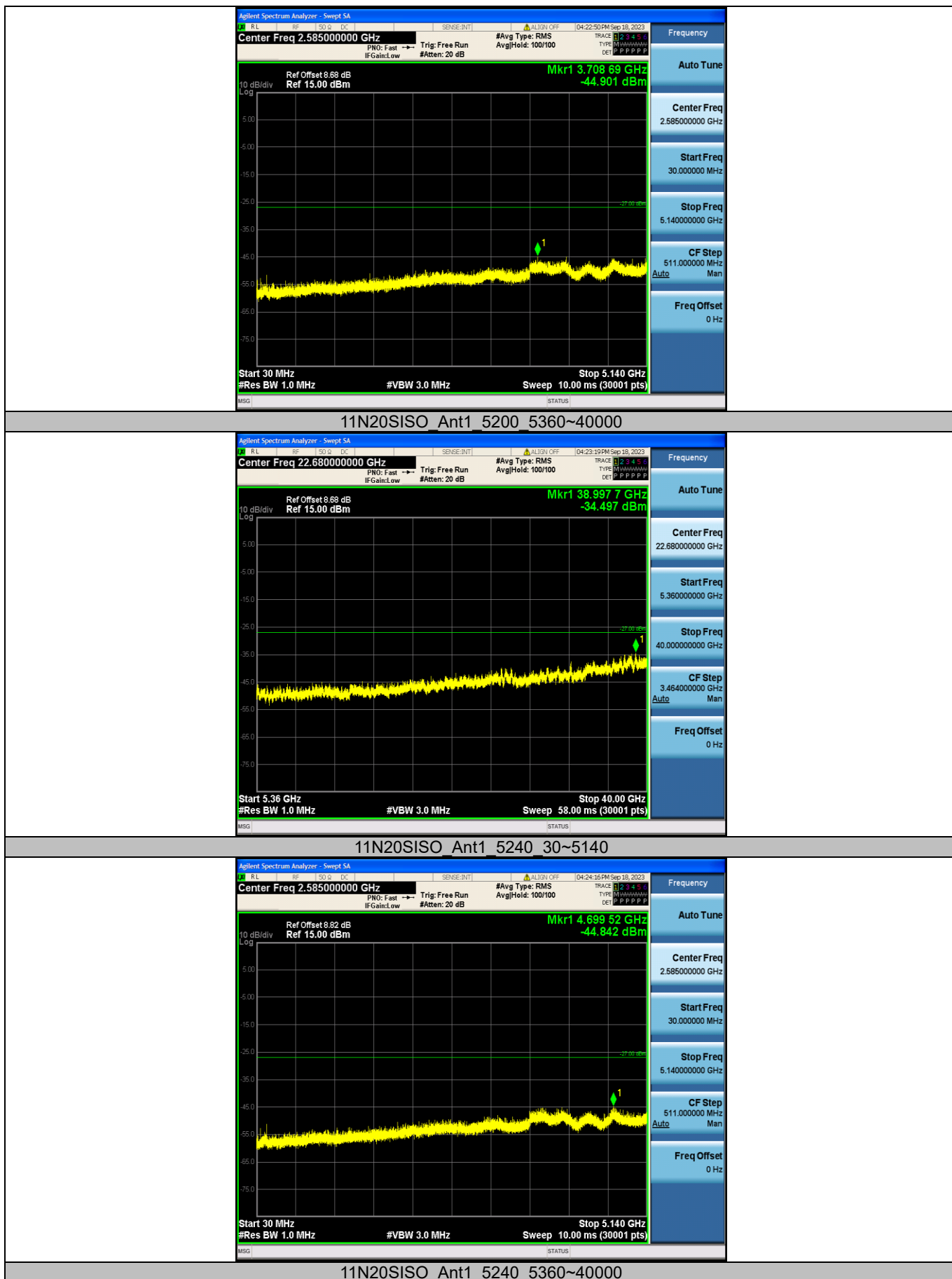


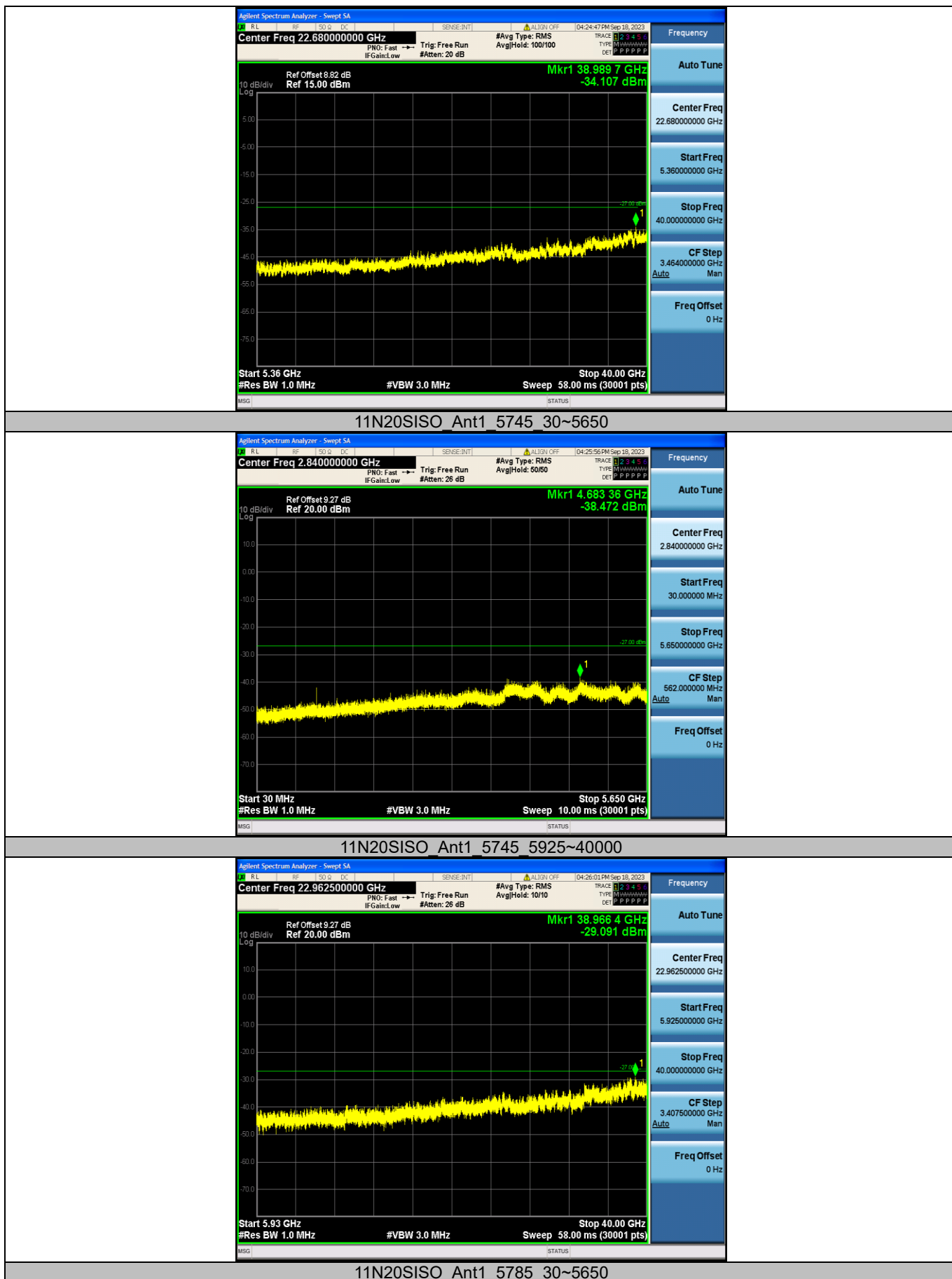


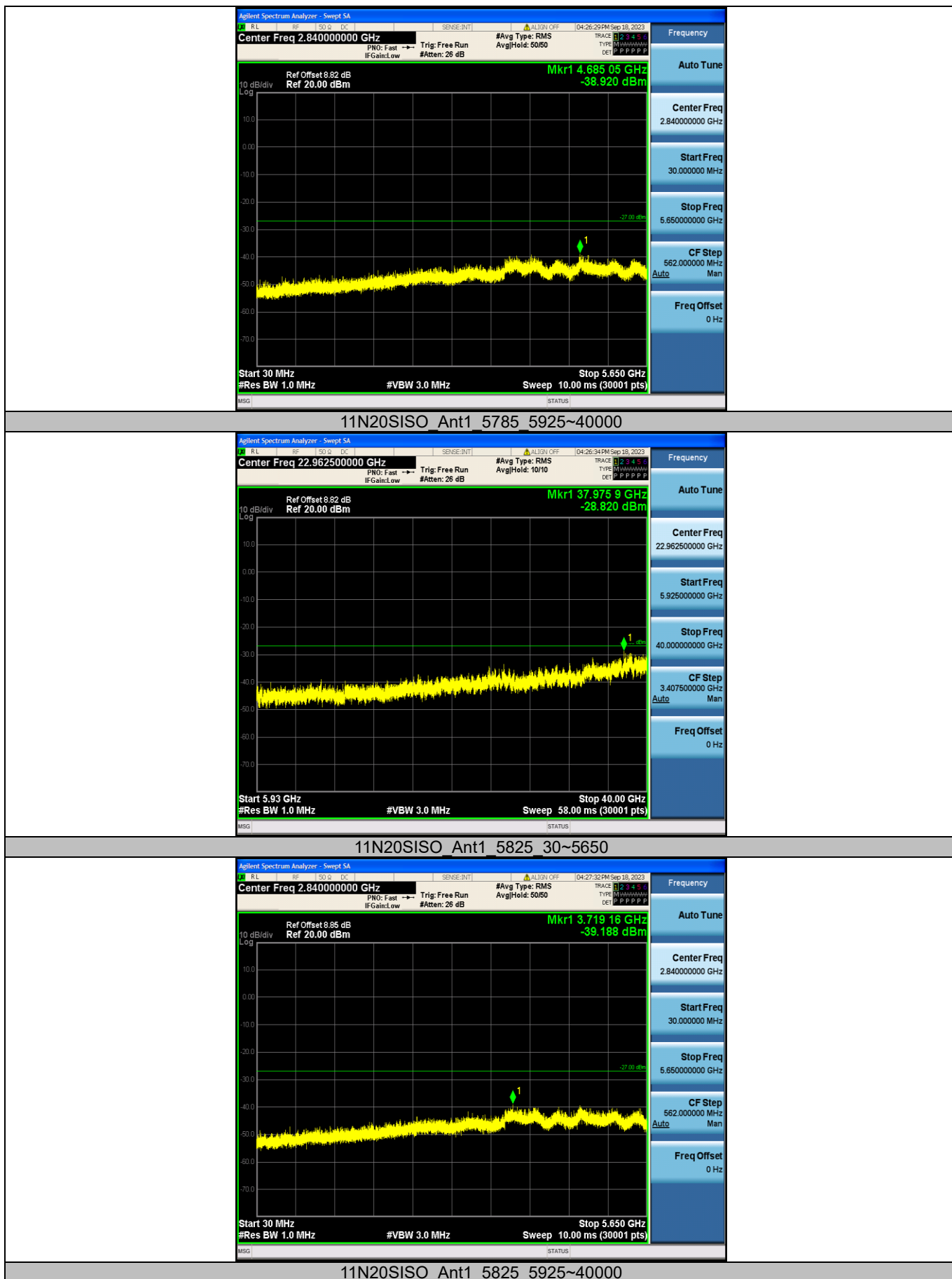


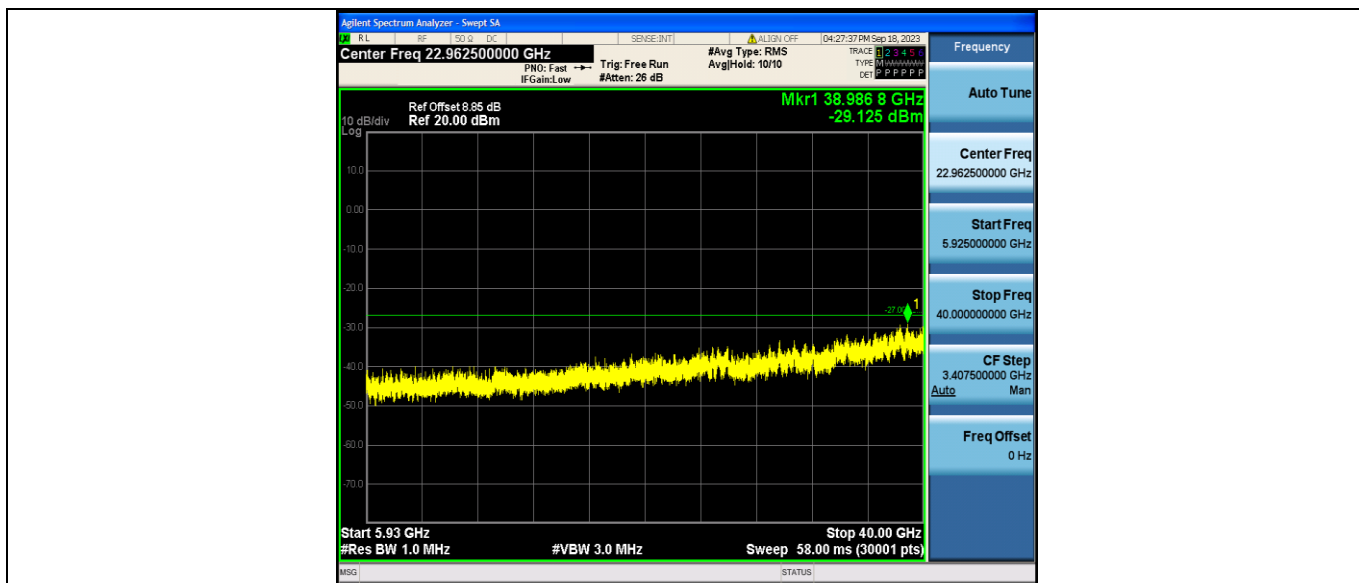












Note: Offset= Correct Factor (dBm)+Gain (dBi)

Appendix G: Frequency Stability

Test Result

Test Mode	Antenna	Frequency [MHz]	Voltage					Verdict
			Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	
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					Verdict
			Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	
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
			NV	50	-80000.00	-15.444015	20	PASS
		5200	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
11N20SISO	Ant1	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
		5200	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	-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
		5240	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
			NV	-30	-60000.00	-11.450382	20	PASS
			NV	-20	-20000.00	-3.816794	20	PASS
			NV	-10	-20000.00	-3.816794	20	PASS
		5745	NV	0	0.00	0.000000	20	PASS
			NV	10	-20000.00	-3.816794	20	PASS
			NV	20	-60000.00	-11.450382	20	PASS
			NV	30	-20000.00	-3.816794	20	PASS
		5745	NV	40	-40000.00	-7.633588	20	PASS
			NV	50	0.00	0.000000	20	PASS
			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
			NV	50	-60000.00	-10.371651	20	PASS
		5825	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