

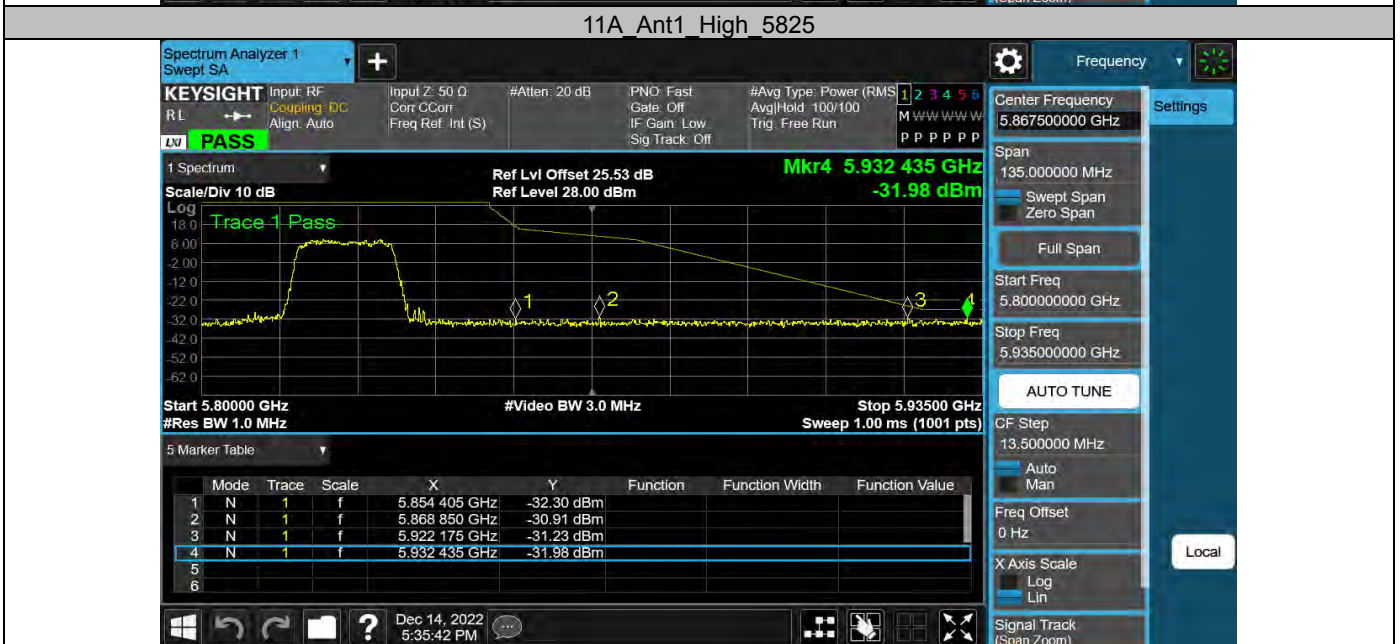
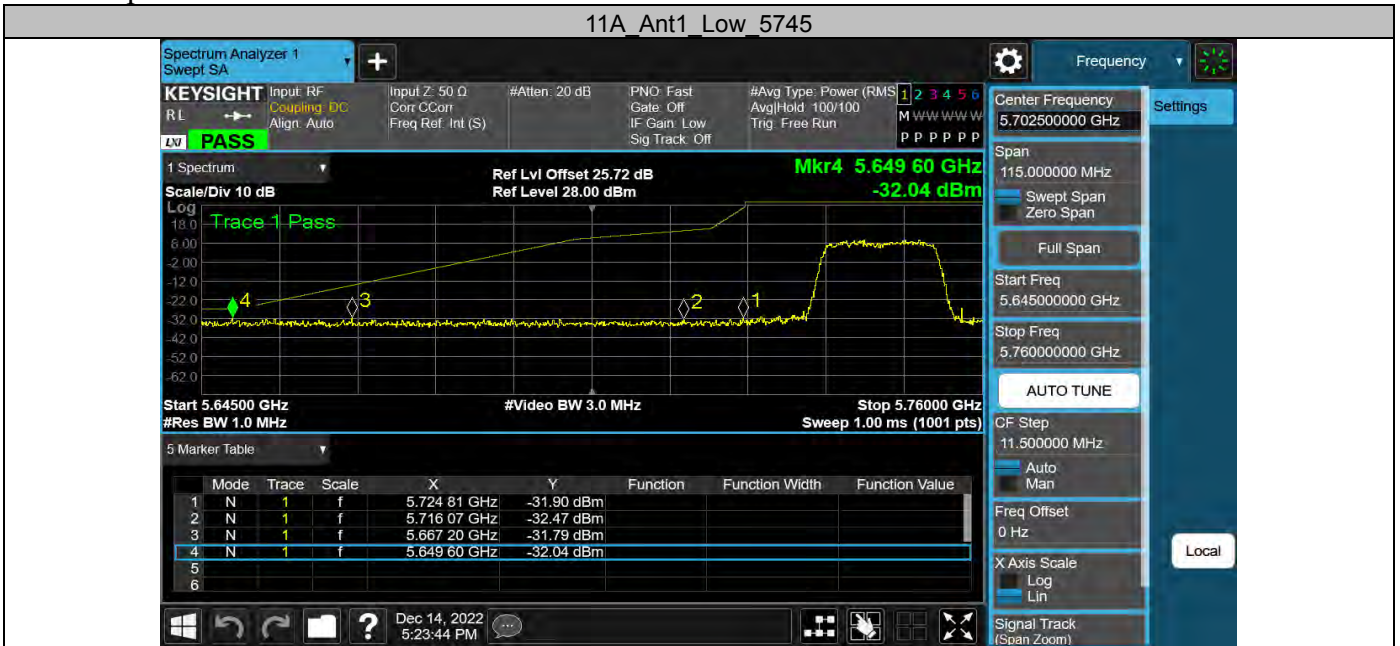
Appendix G: Band edge measurements
Test Result B4

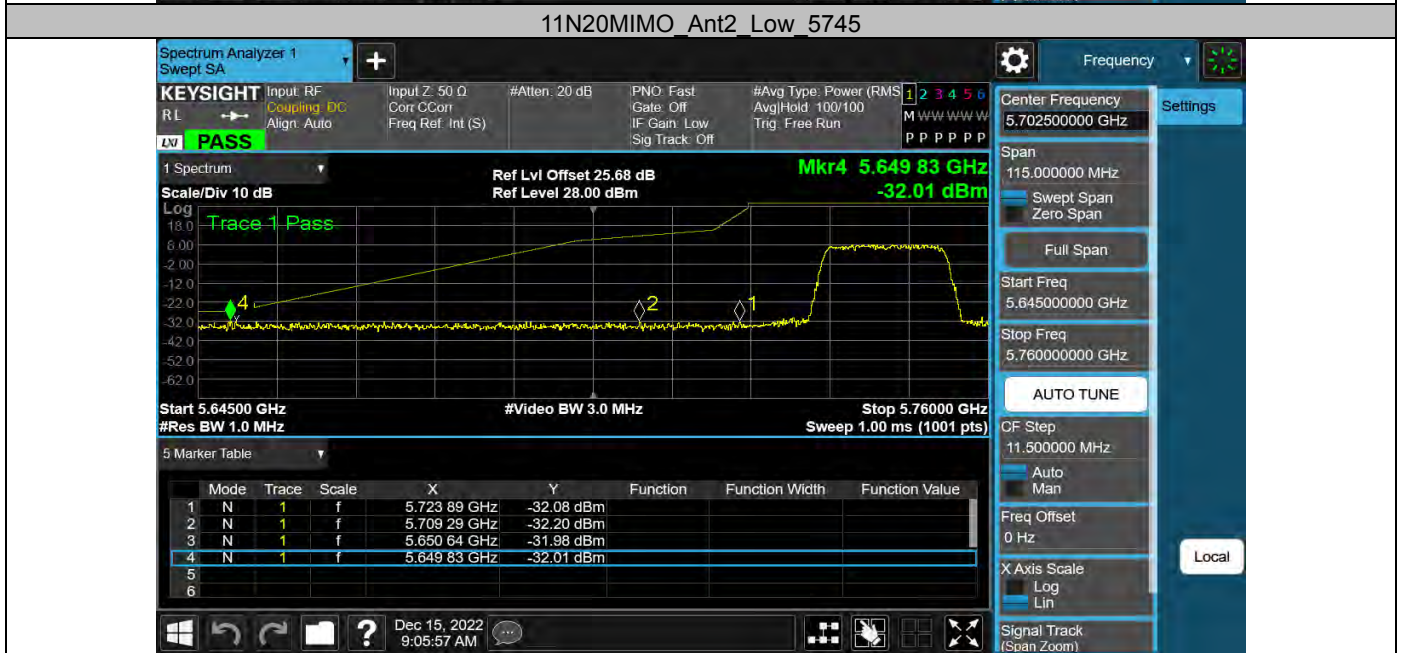
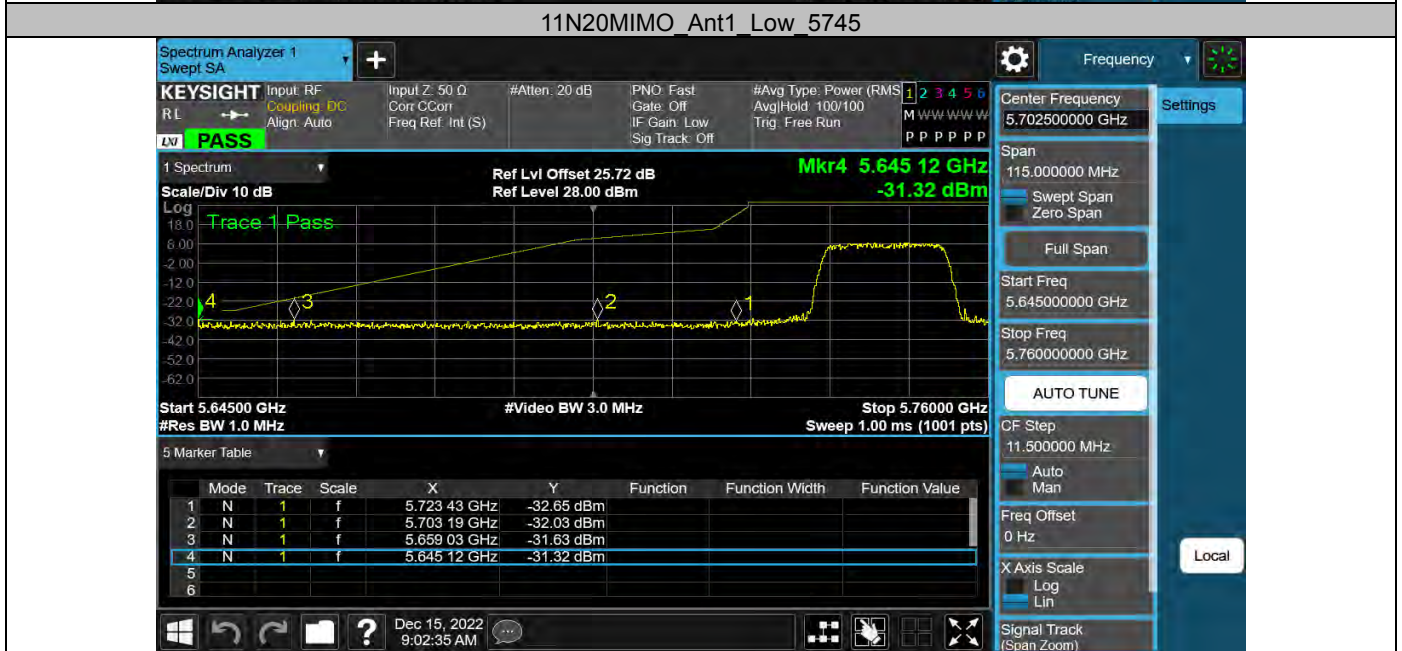
Test Mode	Antenna	Ch Name	Frequency [MHz]	Freq Range [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-31.79	≤-14.28	PASS
				5700~5720	-32.47	≤14.50	PASS
				5720~5725	-31.9	≤26.57	PASS
				5760~5650	-32.04	≤-27	PASS
	Ant2	Low	5745	5650~5700	-31.93	≤-23.55	PASS
				5700~5720	-31.8	≤10.60	PASS
				5720~5725	-32.2	≤19.23	PASS
				5760~5650	-32.35	≤-27	PASS
	Ant1	High	5825	5850~5855	-32.3	≤25.64	PASS
				5855~5875	-30.91	≤13.88	PASS
				5875~5925	-31.23	≤7.91	PASS
				5925~5935	-31.98	≤-27	PASS
	Ant2	High	5825	5850~5855	-32.27	≤16.10	PASS
				5855~5875	-31.73	≤13.92	PASS
				5875~5925	-31.34	≤4.91	PASS
				5925~5935	-31.77	≤-27	PASS
11N20MIMO	Ant1	Low	5745	5650~5700	-31.63	≤-20.32	PASS
				5700~5720	-32.03	≤10.89	PASS
				5720~5725	-32.65	≤23.42	PASS
				5760~5650	-31.32	≤-27	PASS
	Ant2	Low	5745	5650~5700	-31.98	≤-26.53	PASS
				5700~5720	-32.2	≤12.60	PASS
				5720~5725	-32.08	≤24.47	PASS
				5760~5650	-32.01	≤-27	PASS
	Ant1	High	5825	5850~5855	-32.46	≤23.49	PASS
				5855~5875	-31.89	≤12.67	PASS
				5875~5925	-31.78	≤-10.67	PASS
				5925~5935	-32.3	≤-27	PASS
	Ant2	High	5825	5850~5855	-31.51	≤20.41	PASS
				5855~5875	-32.11	≤12.59	PASS
				5875~5925	-31.19	≤-5.28	PASS
				5925~5935	-32.49	≤-27	PASS
11N40MIMO	Ant1	Low	5755	5650~5700	-31.2	≤-3.73	PASS
				5700~5720	-30.7	≤12.03	PASS
				5720~5725	-29.09	≤25.59	PASS
				5780~5650	-32.61	≤-27	PASS
	Ant2	Low	5755	5650~5700	-40.92	≤-8.42	PASS
				5700~5720	-40.2	≤14.14	PASS
				5720~5725	-39.01	≤20.66	PASS
				5780~5650	-42.1	≤-27	PASS
	Ant1	High	5795	5850~5855	-32.42	≤20.17	PASS
				5855~5875	-30.81	≤15.44	PASS
				5875~5925	-30.69	≤-20.94	PASS
				5925~5935	-32.56	≤-27	PASS
	Ant2	High	5795	5850~5855	-32.25	≤17.54	PASS
				5855~5875	-31.64	≤12.44	PASS
				5875~5925	-31.66	≤-6.29	PASS
				5925~5935	-31.97	≤-27	PASS
11AC20MIMO	Ant1	Low	5745	5650~5700	-31.28	≤1.04	PASS
				5700~5720	-32.21	≤14.27	PASS
				5720~5725	-29.14	≤25.78	PASS
				5760~5650	-31.71	≤-27	PASS
	Ant2	Low	5745	5650~5700	-30.27	≤5.72	PASS
				5700~5720	-31.08	≤12.63	PASS
				5720~5725	-31.38	≤22.37	PASS

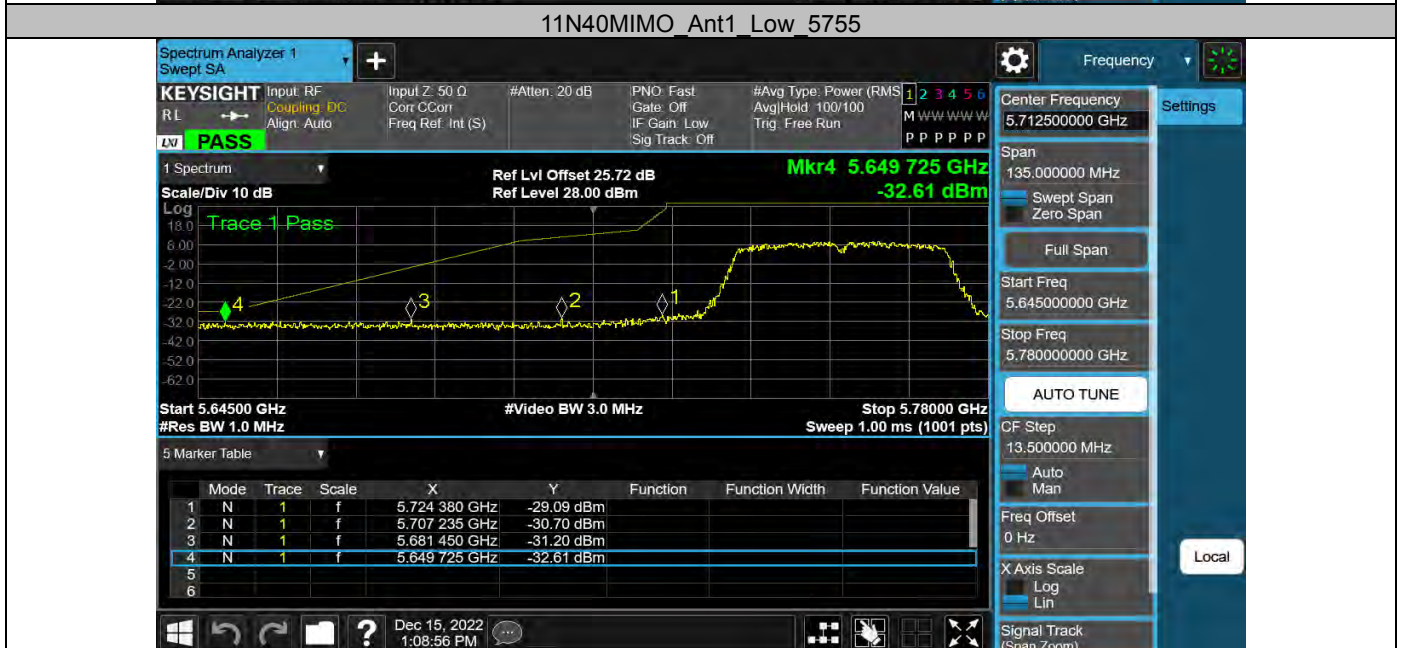
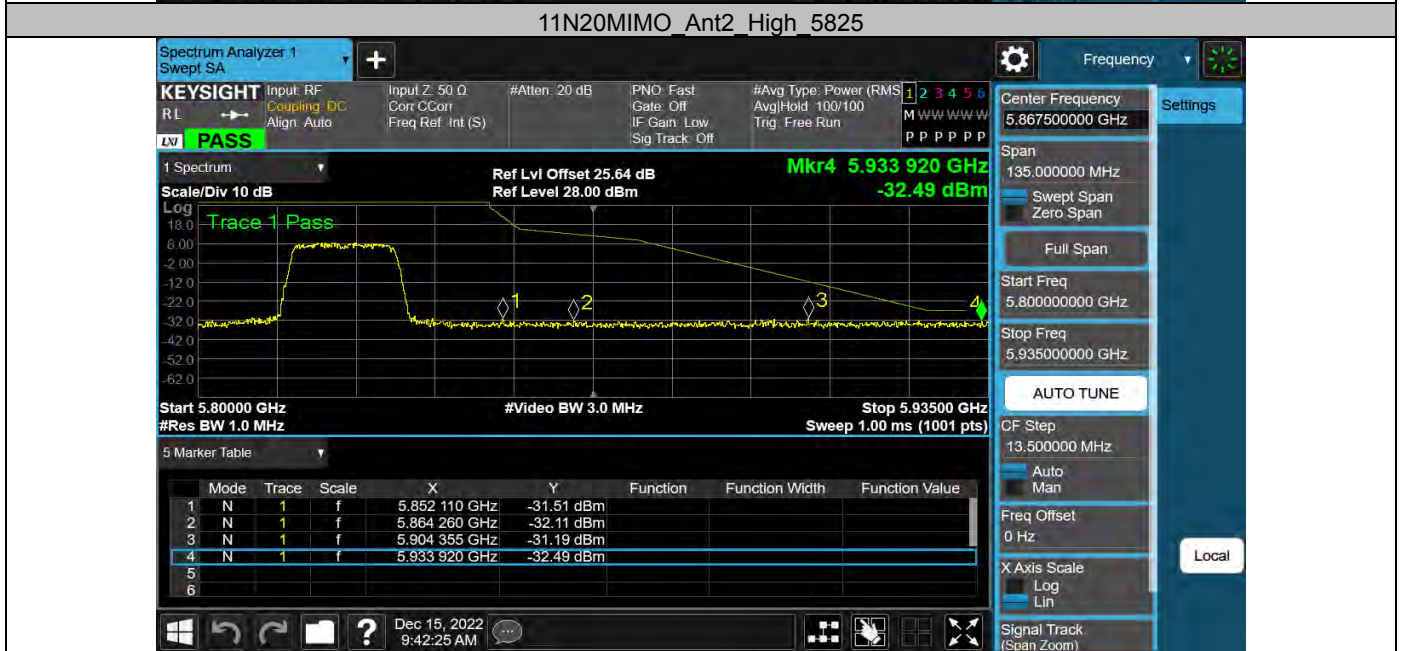
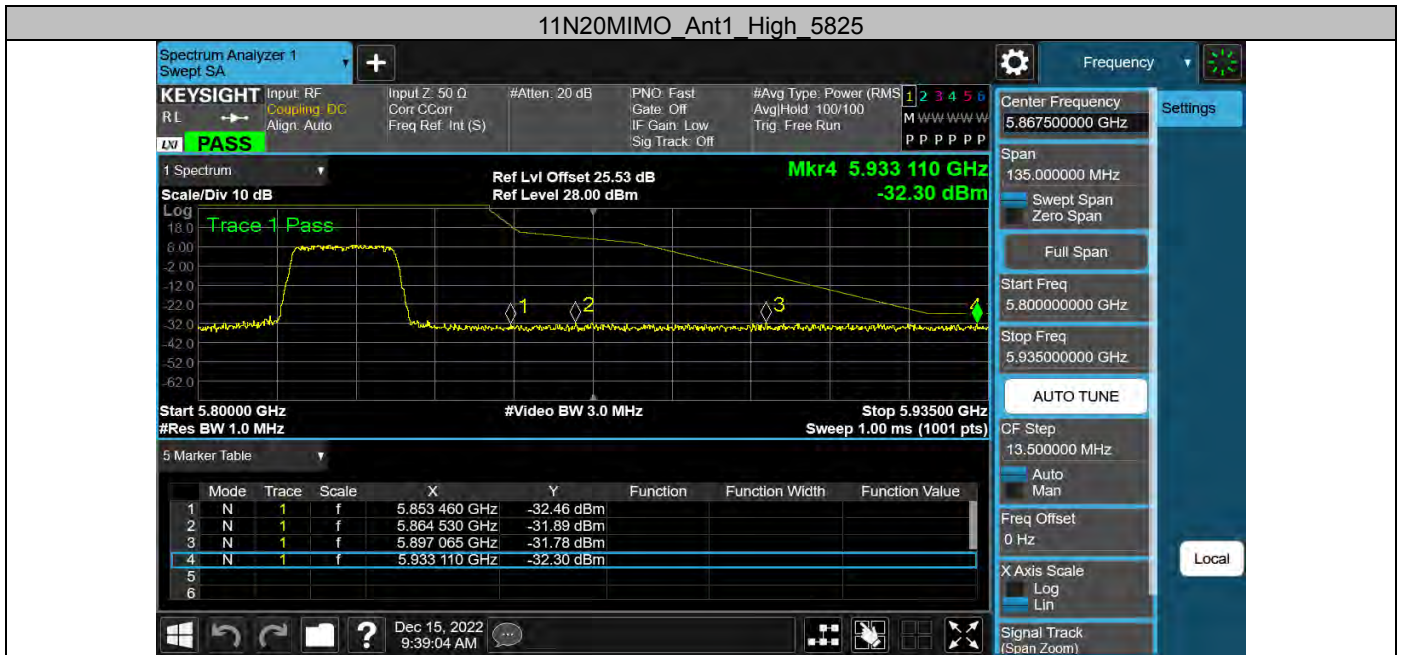


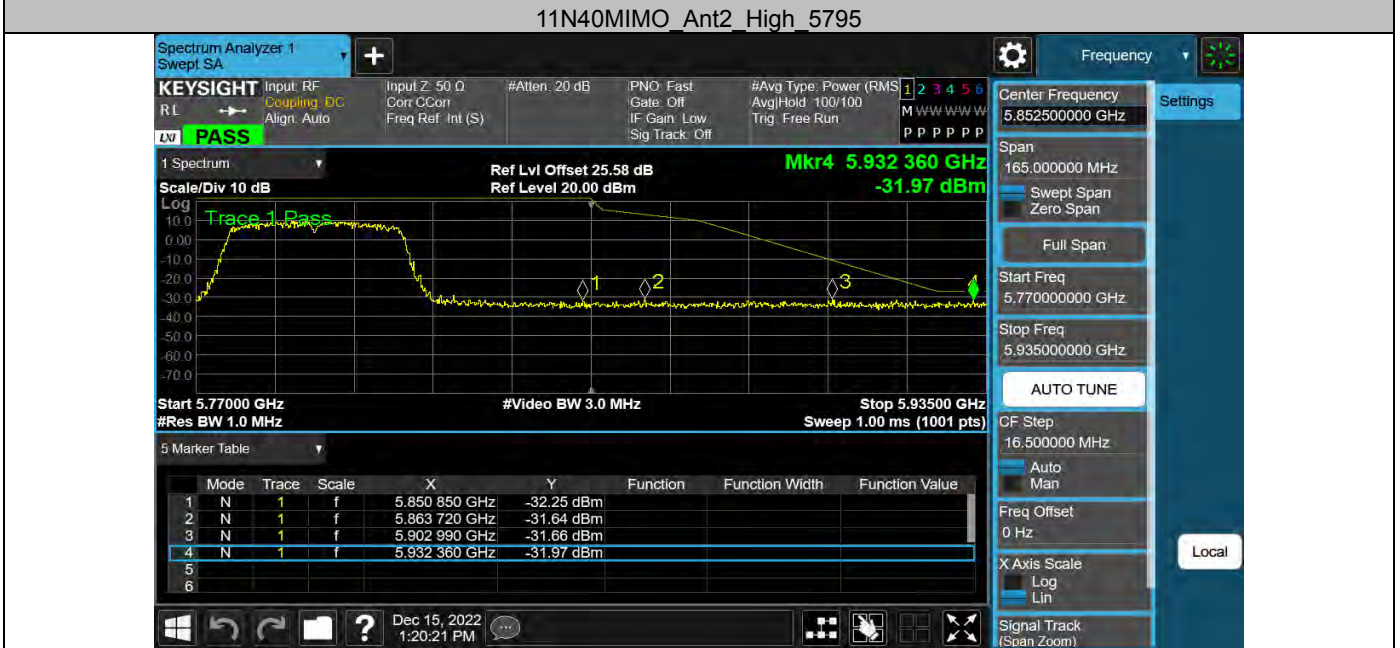
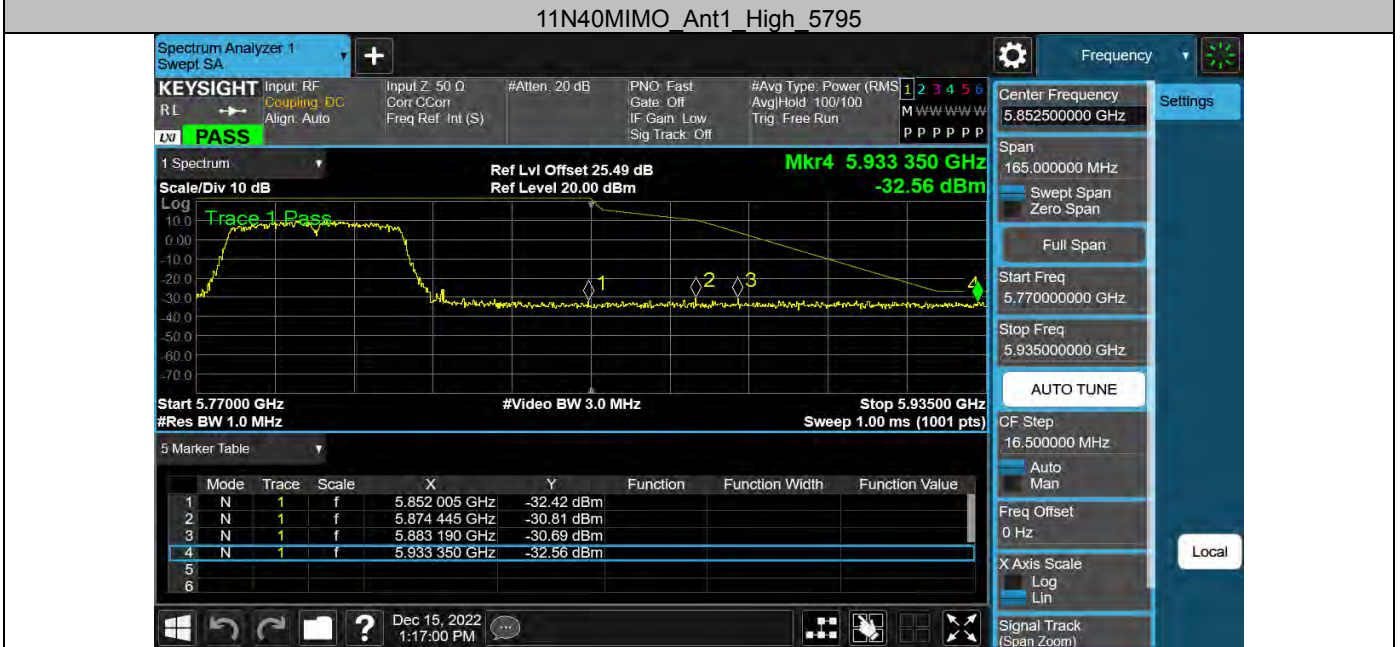
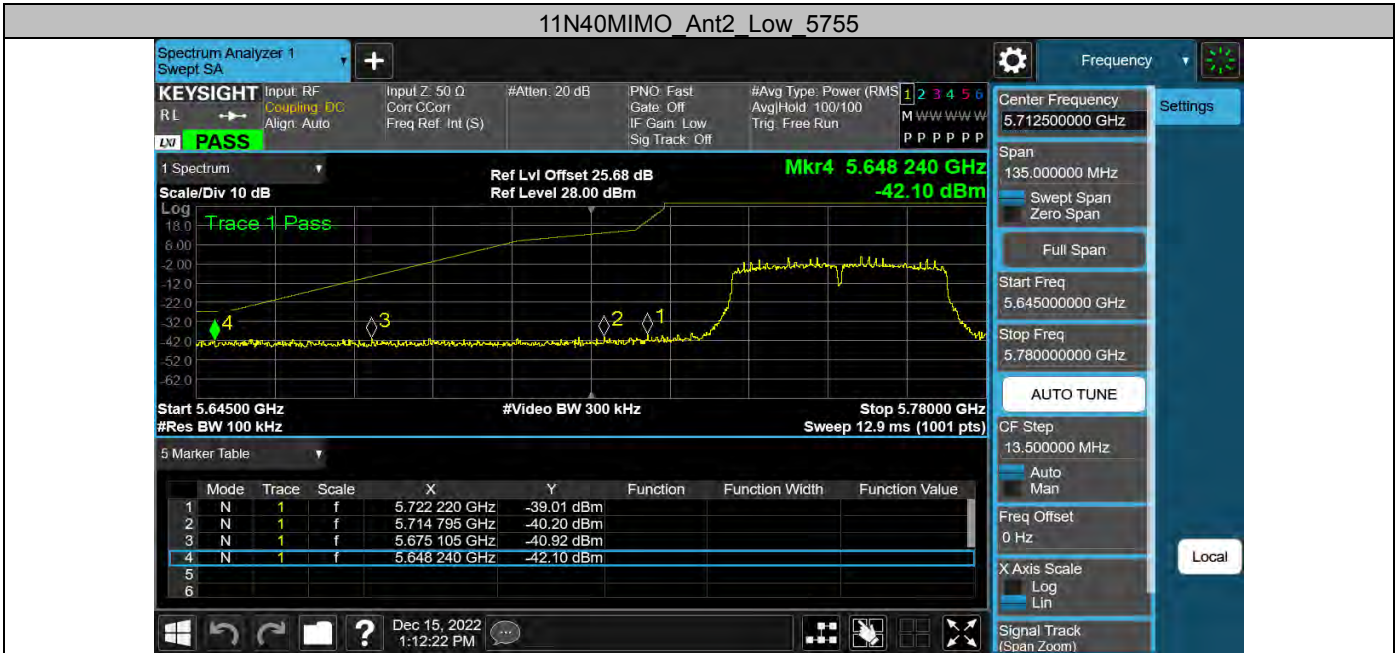
	Ant1	High	5825	5760~5650	-31.23	≤-27	PASS
				5850~5855	-31.71	≤16.41	PASS
				5855~5875	-32.04	≤10.25	PASS
				5875~5925	-31.29	≤-18.96	PASS
	Ant2	High	5825	5925~5935	-31.72	≤-27	PASS
				5850~5855	-32.28	≤21.64	PASS
				5855~5875	-31.66	≤15.01	PASS
				5875~5925	-30.68	≤0.12	PASS
11AC40MIM O	Ant1	Low	5755	5925~5935	-30.85	≤-27	PASS
				5650~5700	-31.47	≤-13.02	PASS
				5700~5720	-30.65	≤15.58	PASS
				5720~5725	-28.59	≤21.89	PASS
	Ant2	Low	5755	5780~5650	-32.46	≤-27	PASS
				5650~5700	-31.68	≤-4.33	PASS
				5700~5720	-30.12	≤15.05	PASS
				5720~5725	-29.28	≤22.82	PASS
	Ant1	High	5795	5780~5650	-32.91	≤-27	PASS
				5850~5855	-32.77	≤26.19	PASS
				5855~5875	-31.26	≤11.19	PASS
				5875~5925	-31.43	≤-12.88	PASS
	Ant2	High	5795	5925~5935	-30.79	≤-27	PASS
				5850~5855	-32.6	≤23.56	PASS
				5855~5875	-31.44	≤12.07	PASS
				5875~5925	-31.41	≤-10.19	PASS
11AC80MIM O	Ant1	Low	5775	5925~5935	-32.7	≤-27	PASS
				5650~5700	-30.62	≤3.14	PASS
				5700~5720	-28.36	≤14.13	PASS
				5720~5725	-30.16	≤17.77	PASS
	Ant1	High	5775	5800~5650	-33.24	≤-27	PASS
				5850~5855	-32.07	≤22.96	PASS
				5855~5875	-30.74	≤10.07	PASS
				5875~5925	-31.72	≤-19.15	PASS
	Ant2	Low	5775	5925~5935	-32.15	≤-27	PASS
				5650~5700	-32.09	≤-16.94	PASS
				5700~5720	-28.49	≤12.91	PASS
				5720~5725	-30.71	≤22.01	PASS
Ant2	High	5775	5800~5650	-33.12	≤-27	PASS	
			5850~5855	-31.41	≤21.70	PASS	
			5855~5875	-30.45	≤10.70	PASS	
			5875~5925	-32.07	≤-18.47	PASS	
				5925~5935	-32.16	≤-27	PASS

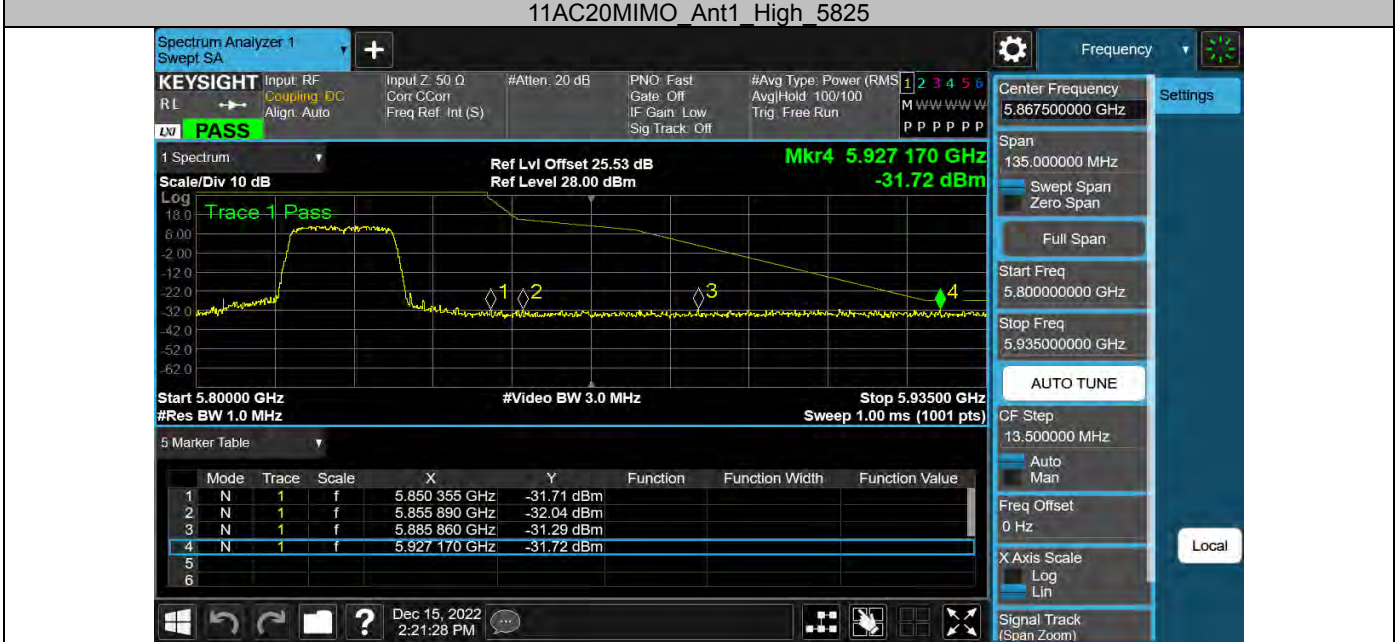
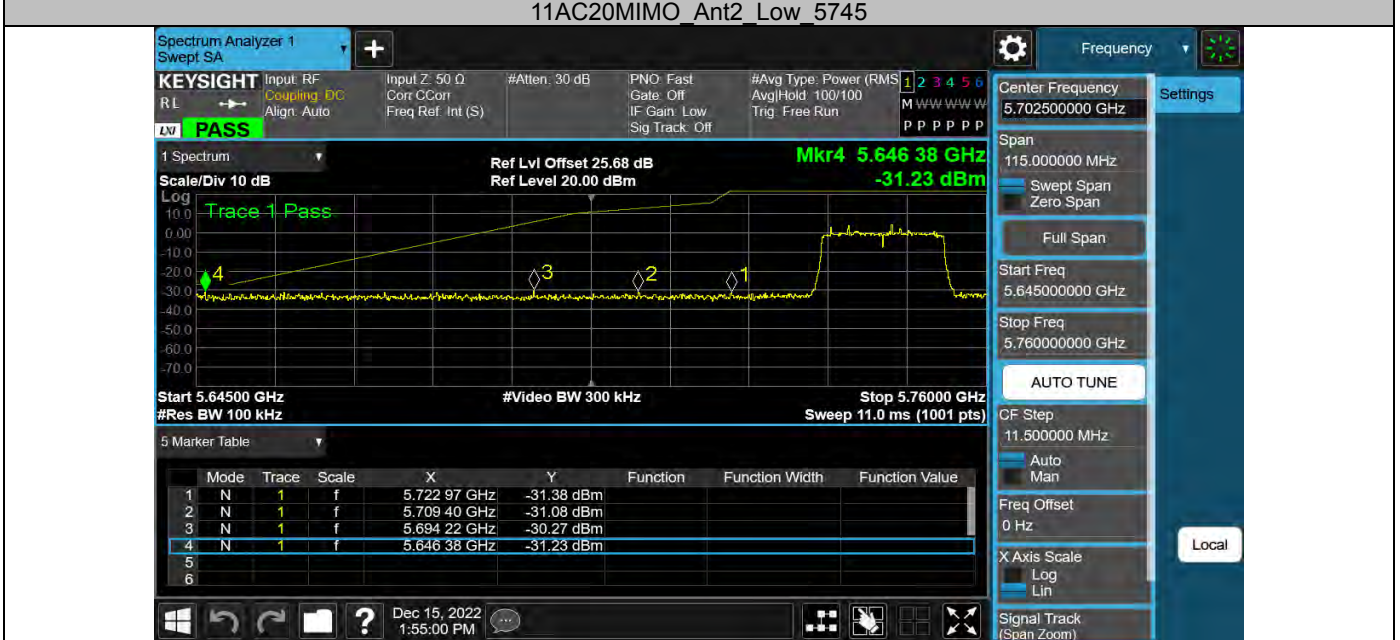
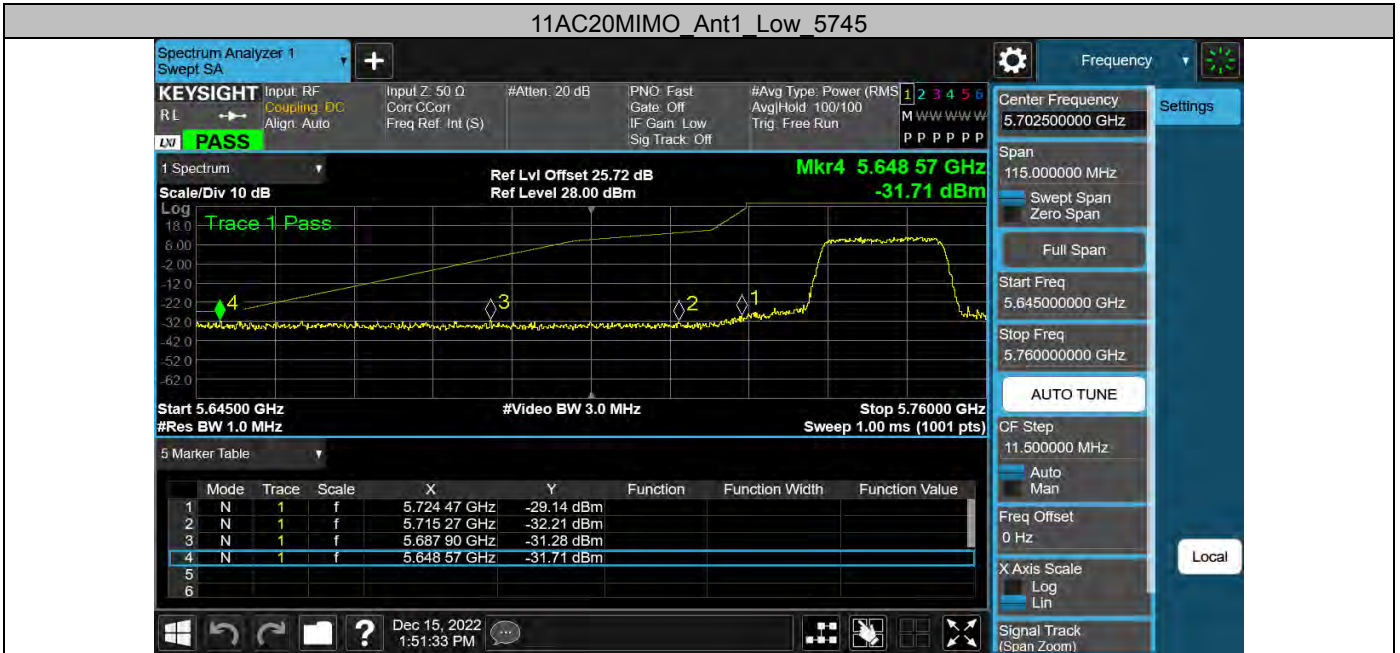
Test Graphs B4

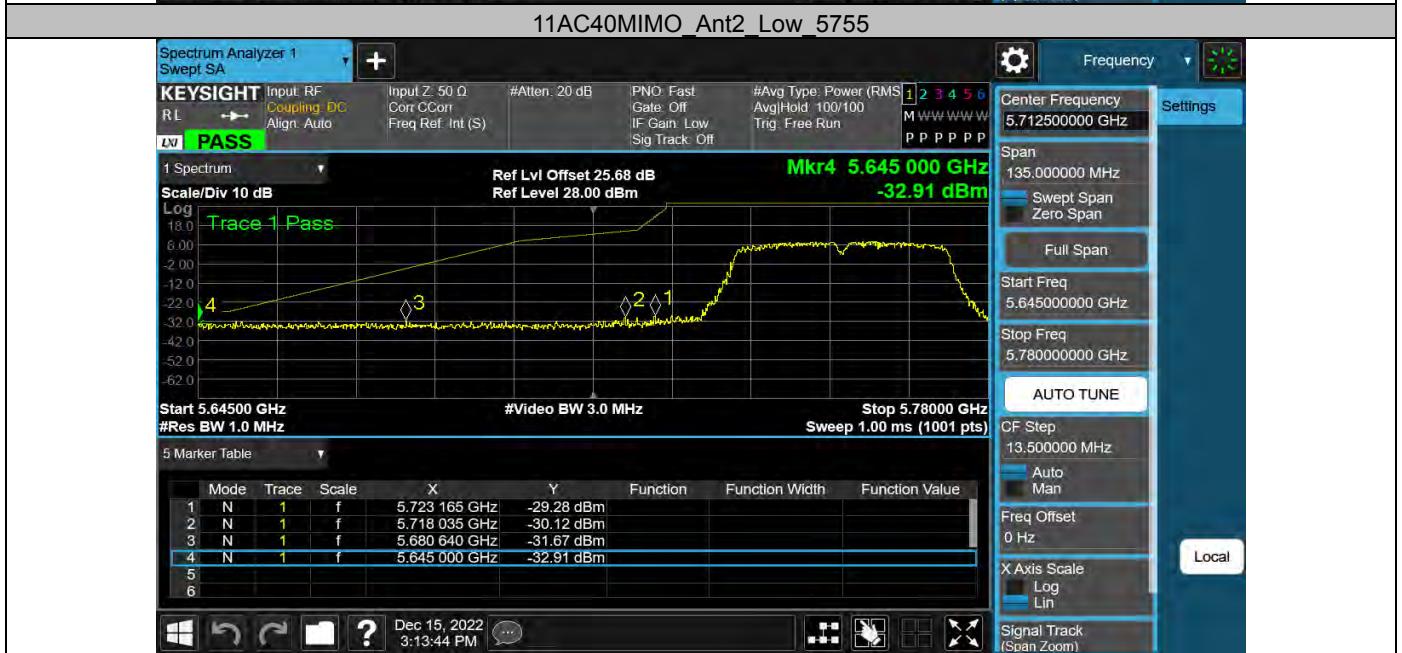
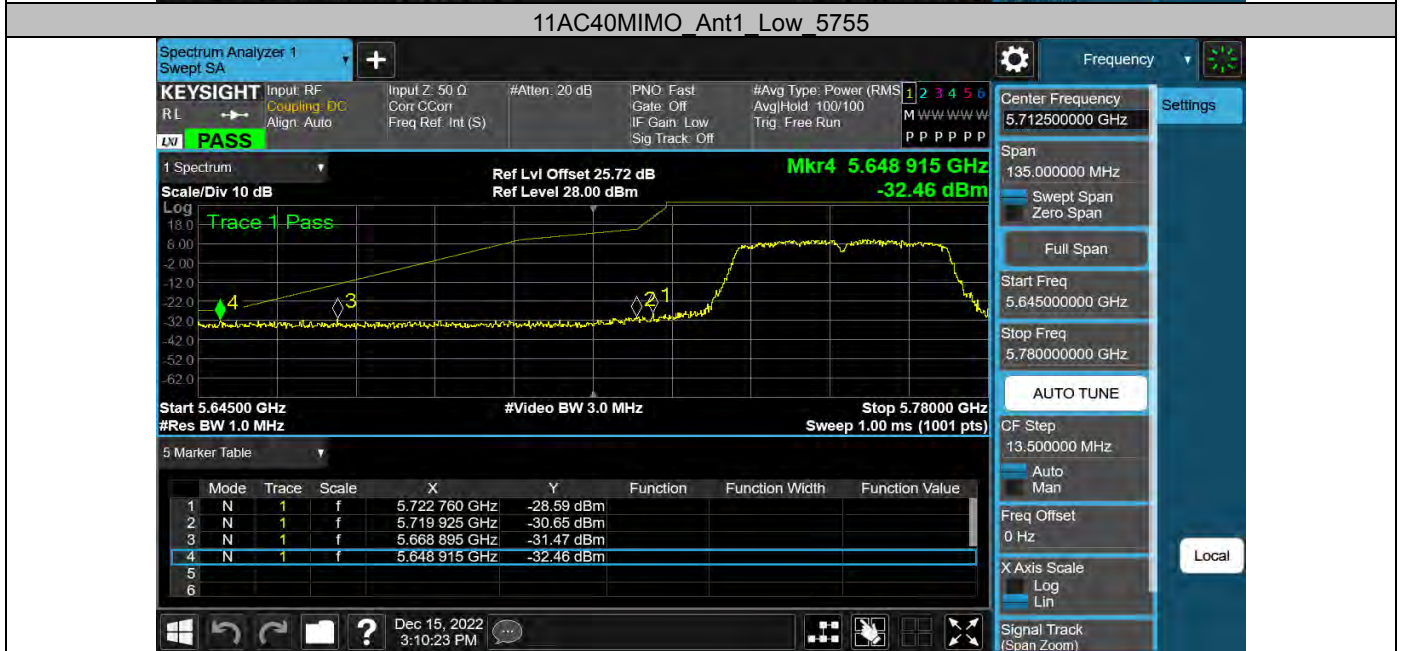
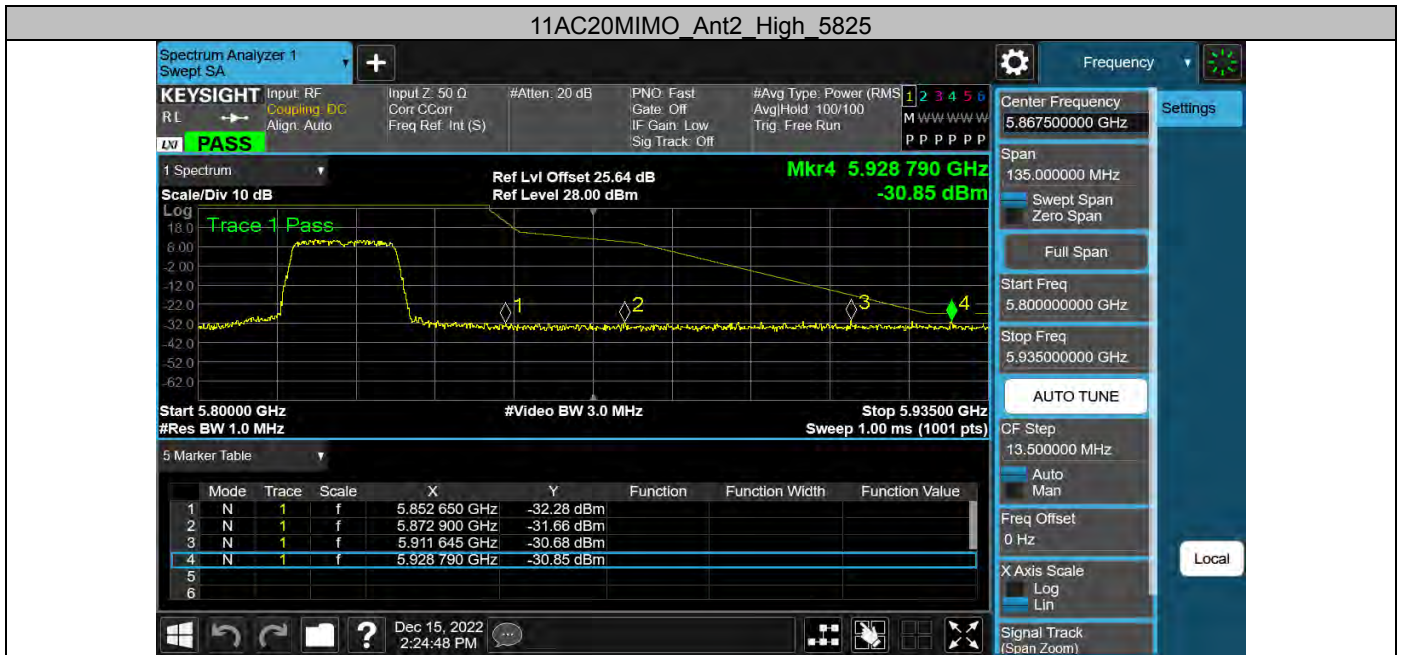


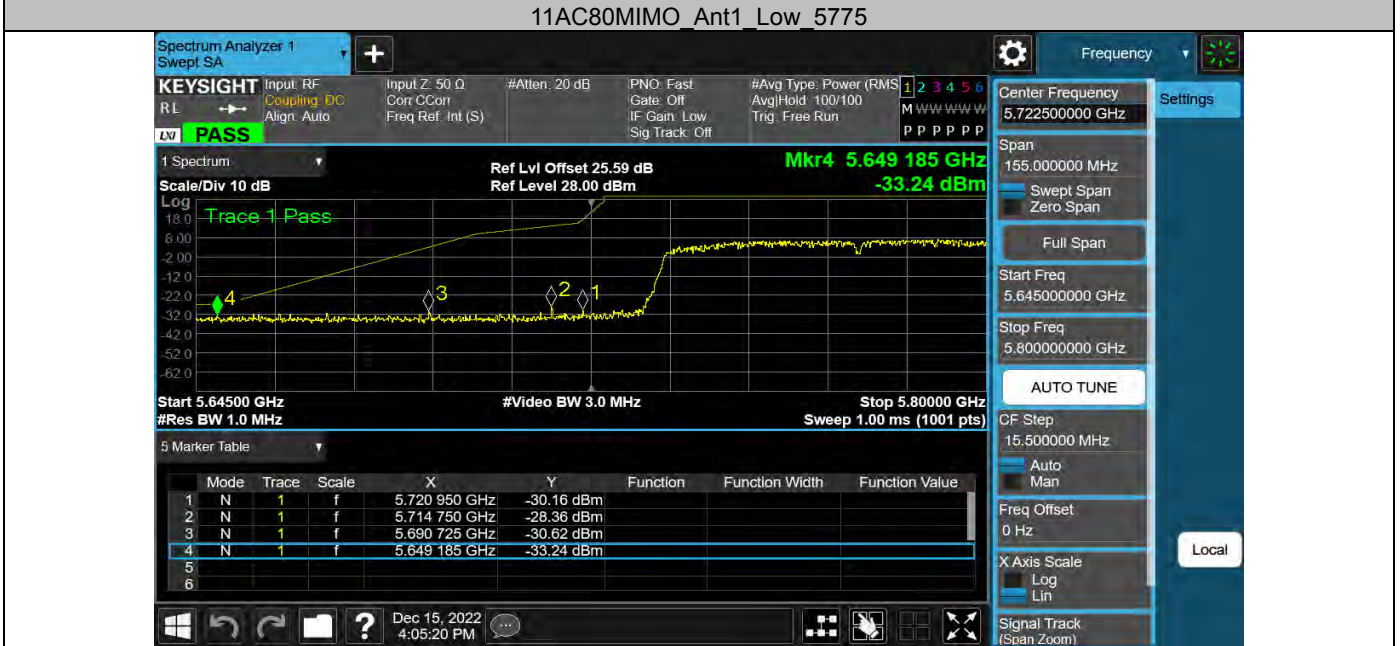
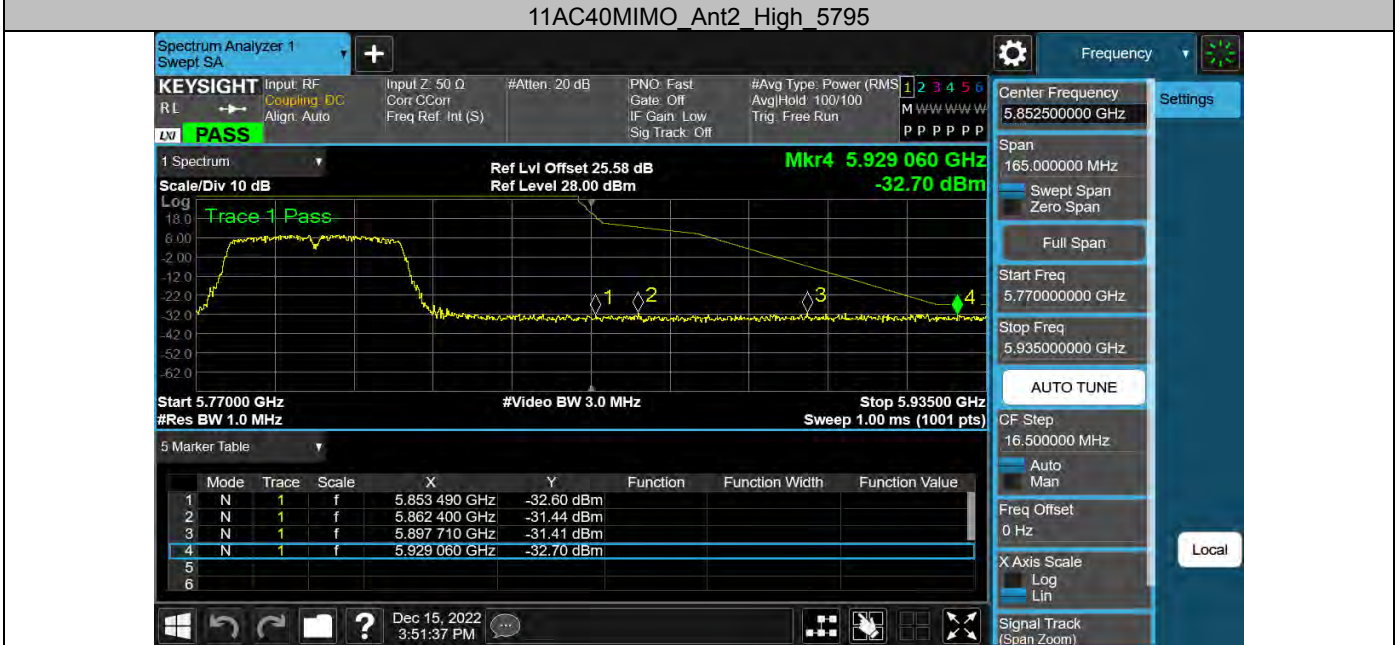


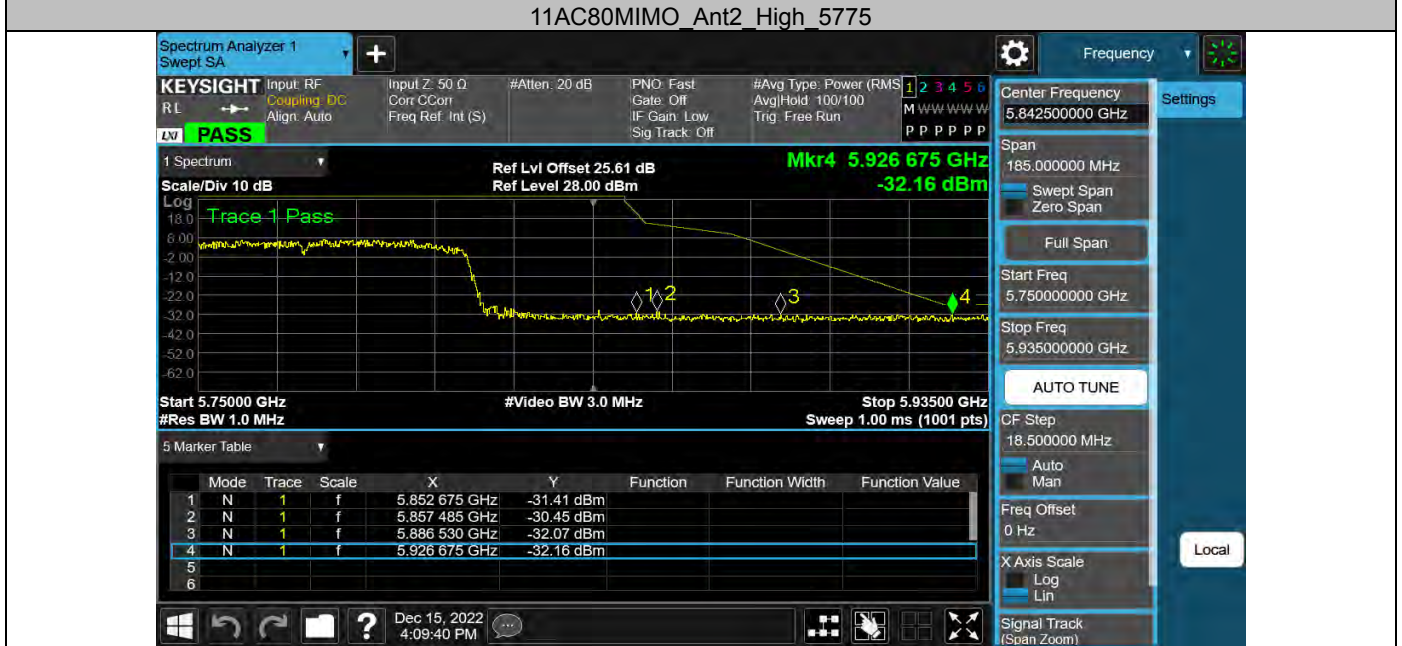
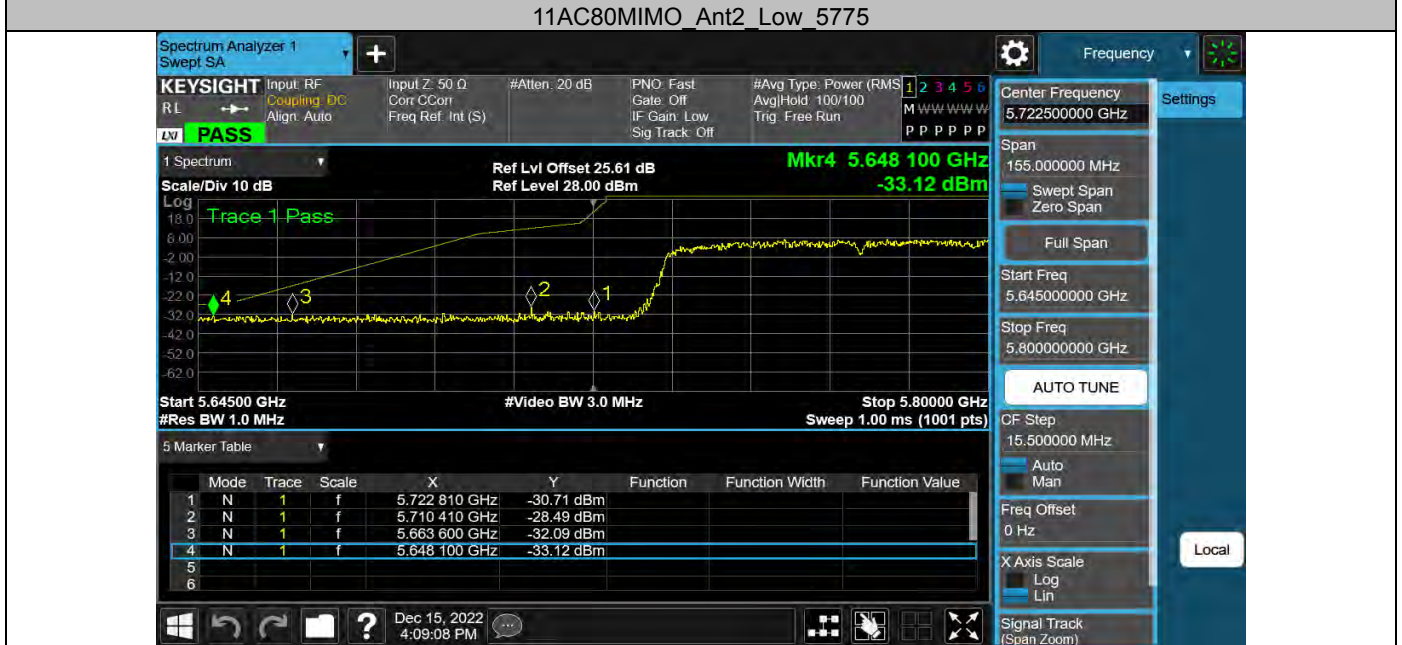












Appendix H: Frequency Stability
Test Result

Voltage								
Test Mode	Antenna	Frequency[M Hz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
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
		5260	NV	NT	-20000.00	-3.802281	20	PASS
			LV	NT	-40000.00	-7.604563	20	PASS
			HV	NT	-40000.00	-7.604563	20	PASS
		5500	NV	NT	-40000.00	-7.272727	20	PASS
			LV	NT	-20000.00	-3.636364	20	PASS
			HV	NT	-40000.00	-7.272727	20	PASS
		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

Temperature								
Test Mode	Antenna	Frequency[M Hz]	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
		5260	NV	-30	-40000.00	-7.604563	20	PASS
			NV	-20	-20000.00	-3.802281	20	PASS
			NV	-10	-20000.00	-3.802281	20	PASS
			NV	0	-40000.00	-7.604563	20	PASS
			NV	10	-20000.00	-3.802281	20	PASS
			NV	20	-20000.00	-3.802281	20	PASS
			NV	30	-20000.00	-3.802281	20	PASS
			NV	40	-40000.00	-7.604563	20	PASS
			NV	50	-40000.00	-7.604563	20	PASS
		5500	NV	-30	-20000.00	-3.636364	20	PASS
			NV	-20	-40000.00	-7.272727	20	PASS
			NV	-10	-40000.00	-7.272727	20	PASS
			NV	0	-40000.00	-7.272727	20	PASS
			NV	10	-40000.00	-7.272727	20	PASS
			NV	20	-40000.00	-7.272727	20	PASS
			NV	30	-40000.00	-7.272727	20	PASS
			NV	40	-20000.00	-3.636364	20	PASS
			NV	50	-40000.00	-7.272727	20	PASS
		5745	NV	-30	-40000.00	-6.962576	20	PASS
			NV	-20	-40000.00	-6.962576	20	PASS
			NV	-10	-40000.00	-6.962576	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	-40000.00	-6.962576	20	PASS
			NV	50	-60000.00	-10.443864	20	PASS

11. TEST SETUP PHOTO

Refer to report no. ESTE-R2212365 (Appendix A)

12.EUT PHOTO

Refer to report no. ESTE-R2212366 (Appendix B)

End of Test Report

