Appendix D: Frequency Stability

Test Result

Voltage							
Test Mode	Antenna	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	-7.722008	±20	PASS
			LV	NT	-3.861004	±20	PASS
			HV	NT	0.000000	±20	PASS
		5220	NV	NT	0.000000	±20	PASS
			LV	NT	0.000000	±20	PASS
			HV	NT	-3.831418	±20	PASS
		5240	NV	NT	-3.816794	±20	PASS
			LV	NT	-3.816794	±20	PASS
			HV	NT	-3.816794	±20	PASS
		5260	NV	NT	0.000000	±20	PASS
			LV	NT	-3.802281	±20	PASS
			HV	NT	-3.802281	±20	PASS
		5300	NV	NT	-7.547170	±20	PASS
			LV	NT	0.000000	±20	PASS
			HV	NT	-3.773585	±20	PASS
		5320	NV	NT	-7.518797	±20	PASS
			LV	NT	-11.278195	±20	PASS
			HV	NT	-3.759398	±20	PASS
		5500	NV	NT	-7.272727	±20	PASS
			LV	NT	-7.272727	±20	PASS
			HV	NT	-3.636364	±20	PASS
		5580	NV	NT	-7.168459	±20	PASS
			LV	NT	-3.584229	±20	PASS
			HV	NT	-3.584229	±20	PASS
		5700	NV	NT	-7.017544	±20	PASS
			LV	NT	-7.017544	±20	PASS
			HV	NT	-7.017544	±20	PASS
		5745	NV	NT	-6.962576	±20	PASS
			LV	NT	-6.962576	±20	PASS
			HV	NT	-6.962576	±20	PASS
		5785	NV	NT	-3.457217	±20	PASS
			LV	NT	-6.914434	±20	PASS
			HV	NT	-6.914434	±20	PASS
		5825	NV	NT	-6.866953	±20	PASS

			LV	NT	-6.866953	±20	PASS
			HV	NT	-3.433476	±20	PASS
11N20SISO	Ant1	5180	NV	NT	-7.722008	±20	PASS
			LV	NT	-3.861004	±20	PASS
			HV	NT	-3.861004	±20	PASS
		5220	NV	NT	-11.494253	±20	PASS
			LV	NT	-3.831418	±20	PASS
			HV	NT	-3.831418	±20	PASS
		5240	NV	NT	-7.633588	±20	PASS
			LV	NT	-7.633588	±20	PASS
			HV	NT	-7.633588	±20	PASS
		5260	NV	NT	-3.802281	±20	PASS
			LV	NT	-7.604563	±20	PASS
			HV	NT	-3.802281	±20	PASS
		5300	NV	NT	-7.547170	±20	PASS
			LV	NT	-7.547170	±20	PASS
			HV	NT	-11.320755	±20	PASS
		5320	NV	NT	-11.278195	±20	PASS
			LV	NT	-3.759398	±20	PASS
			HV	NT	-7.518797	±20	PASS
		5500	NV	NT	-7.272727	±20	PASS
			LV	NT	-3.636364	±20	PASS
			HV	NT	-3.636364	±20	PASS
		5580	NV	NT	-7.168459	±20	PASS
			LV	NT	-7.168459	±20	PASS
			HV	NT	-10.752688	±20	PASS
		5700	NV	NT	-10.526316	±20	PASS
			LV	NT	-7.017544	±20	PASS
			HV	NT	-7.017544	±20	PASS
		5745	NV	NT	-6.962576	±20	PASS
			LV	NT	-10.443864	±20	PASS
			HV	NT	-6.962576	±20	PASS
		5785	NV	NT	-3.457217	±20	PASS
			LV	NT	-6.914434	±20	PASS
			HV	NT	-6.914434	±20	PASS
		5825	NV	NT	-6.866953	±20	PASS
			LV	NT	-13.733906	±20	PASS
			HV	NT	-3.433476	±20	PASS

11N40SISO	Ant1	5190	NV	NT	-7.707129	±20	PASS
			LV	NT	0.000000	±20	PASS
			HV	NT	0.000000	±20	PASS
		5230	NV	NT	0.000000	±20	PASS
			LV	NT	0.000000	±20	PASS
			HV	NT	0.000000	±20	PASS
		5270	NV	NT	0.000000	±20	PASS
			LV	NT	0.000000	±20	PASS
			HV	NT	0.000000	±20	PASS
		5310	NV	NT	0.000000	±20	PASS
			LV	NT	0.000000	±20	PASS
			HV	NT	0.000000	±20	PASS
		5510	NV	NT	0.000000	±20	PASS
			LV	NT	0.000000	±20	PASS
			HV	NT	0.000000	±20	PASS
		5550	NV	NT	-7.207207	±20	PASS
			LV	NT	0.000000	±20	PASS
			HV	NT	-7.207207	±20	PASS
		5670	NV	NT	0.000000	±20	PASS
			LV	NT	0.000000	±20	PASS
			HV	NT	0.000000	±20	PASS
		5755	NV	NT	0.000000	±20	PASS
			LV	NT	0.000000	±20	PASS
			HV	NT	0.000000	±20	PASS
		5795	NV	NT	0.000000	±20	PASS
			LV	NT	-6.902502	±20	PASS
			HV	NT	0.000000	±20	PASS
11AC20SISO	Ant1	5180	NV	NT	-3.861004	±20	PASS
			LV	NT	-7.722008	±20	PASS
			HV	NT	-7.722008	±20	PASS
		5220	NV	NT	0.000000	±20	PASS
			LV	NT	0.000000	±20	PASS
			HV	NT	-7.662835	±20	PASS
		5240	NV	NT	0.000000	±20	PASS
			LV	NT	-7.633588	±20	PASS
			HV	NT	-3.816794	±20	PASS
		5260	NV	NT	0.000000	±20	PASS
			LV	NT	-7.604563	±20	PASS

			HV	NT	-3.802281	±20	PASS
		5300	NV	NT	0.000000	±20	PASS
			LV	NT	-3.773585	±20	PASS
			HV	NT	0.000000	±20	PASS
		5320	NV	NT	-3.759398	±20	PASS
			LV	NT	-7.518797	±20	PASS
			HV	NT	-11.278195	±20	PASS
		5500	NV	NT	-7.272727	±20	PASS
			LV	NT	-7.272727	±20	PASS
			HV	NT	0.000000	±20	PASS
		5580	NV	NT	-10.752688	±20	PASS
			LV	NT	-10.752688	±20	PASS
			HV	NT	-7.168459	±20	PASS
		5700	NV	NT	-7.017544	±20	PASS
			LV	NT	-3.508772	±20	PASS
			HV	NT	-3.508772	±20	PASS
		5745	NV	NT	0.000000	±20	PASS
			LV	NT	-13.925152	±20	PASS
			HV	NT	-10.443864	±20	PASS
		5785	NV	NT	-3.457217	±20	PASS
			LV	NT	-3.457217	±20	PASS
			HV	NT	-3.457217	±20	PASS
		5825	NV	NT	-6.866953	±20	PASS
			LV	NT	-6.866953	±20	PASS
			HV	NT	0.000000	±20	PASS
11AC40SISO	Ant1	5190	NV	NT	-7.707129	±20	PASS
			LV	NT	-7.707129	±20	PASS
			HV	NT	0.000000	±20	PASS
		5230	NV	NT	0.000000	±20	PASS
			LV	NT	0.000000	±20	PASS
			HV	NT	0.000000	±20	PASS
		5270	NV	NT	-7.590133	±20	PASS
			LV	NT	0.000000	±20	PASS
			HV	NT	0.000000	±20	PASS
		5310	NV	NT	-7.532957	±20	PASS
			LV	NT	0.000000	±20	PASS
			HV	NT	0.000000	±20	PASS
		5510	NV	NT	0.000000	±20	PASS

			LV	NT	0.000000	±20	PASS
			HV	NT	0.000000	±20	PASS
		5550	NV	NT	0.000000	±20	PASS
			LV	NT	0.000000	±20	PASS
			HV	NT	-14.414414	±20	PASS
		5670	NV	NT	-7.054674	±20	PASS
			LV	NT	0.000000	±20	PASS
			HV	NT	-7.054674	±20	PASS
		5755	NV	NT	-13.900956	±20	PASS
			LV	NT	0.000000	±20	PASS
			HV	NT	0.000000	±20	PASS
		5795	NV	NT	0.000000	±20	PASS
			LV	NT	-6.902502	±20	PASS
			HV	NT	-13.805004	±20	PASS
11AX20SISO	Ant1	5180	NV	NT	-7.722008	±20	PASS
			LV	NT	-3.861004	±20	PASS
			HV	NT	-3.861004	±20	PASS
		5220	NV	NT	-3.831418	±20	PASS
			LV	NT	-3.831418	±20	PASS
			HV	NT	0.000000	±20	PASS
		5240	NV	NT	-7.633588	±20	PASS
			LV	NT	-7.633588	±20	PASS
			HV	NT	-7.633588	±20	PASS
		5260	NV	NT	-3.802281	±20	PASS
			LV	NT	-3.802281	±20	PASS
			HV	NT	-7.604563	±20	PASS
		5300	NV	NT	-11.320755	±20	PASS
			LV	NT	-7.547170	±20	PASS
			HV	NT	-3.773585	±20	PASS
		5320	NV	NT	-3.759398	±20	PASS
			LV	NT	-7.518797	±20	PASS
			HV	NT	-11.278195	±20	PASS
		5500	NV	NT	0.000000	±20	PASS
			LV	NT	0.000000	±20	PASS
			HV	NT	0.000000	±20	PASS
		5580	NV	NT	0.000000	±20	PASS
			LV	NT	-3.584229	±20	PASS
			HV	NT	-3.584229	±20	PASS

		5700	NV	NT	-3.508772	±20	PASS
			LV	NT	-7.017544	±20	PASS
			HV	NT	-7.017544	±20	PASS
		5745	NV	NT	-3.481288	±20	PASS
			LV	NT	-3.481288	±20	PASS
			HV	NT	-6.962576	±20	PASS
		5785	NV	NT	-3.457217	±20	PASS
			LV	NT	-6.914434	±20	PASS
			HV	NT	-6.914434	±20	PASS
		5825	NV	NT	-6.866953	±20	PASS
			LV	NT	-3.433476	±20	PASS
			HV	NT	-3.433476	±20	PASS
11AX40SISO	Ant1	5190	NV	NT	-7.707129	±20	PASS
			LV	NT	-7.707129	±20	PASS
			HV	NT	-7.707129	±20	PASS
		5230	NV	NT	-7.648184	±20	PASS
			LV	NT	-7.648184	±20	PASS
			HV	NT	-7.648184	±20	PASS
		5270	NV	NT	-7.590133	±20	PASS
			LV	NT	-7.590133	±20	PASS
			HV	NT	-7.590133	±20	PASS
		5310	NV	NT	-7.532957	±20	PASS
			LV	NT	-7.532957	±20	PASS
			HV	NT	-7.532957	±20	PASS
		5510	NV	NT	-7.259528	±20	PASS
			LV	NT	-7.259528	±20	PASS
			HV	NT	-7.259528	±20	PASS
		5550	NV	NT	-7.207207	±20	PASS
			LV	NT	-7.207207	±20	PASS
			HV	NT	-7.207207	±20	PASS
		5670	NV	NT	-7.054674	±20	PASS
			LV	NT	-7.054674	±20	PASS
			HV	NT	-7.054674	±20	PASS
		5755	NV	NT	-6.950478	±20	PASS
			LV	NT	-6.950478	±20	PASS
			HV	NT	-6.950478	±20	PASS
		5795	NV	NT	-6.902502	±20	PASS
			LV	NT	-6.902502	±20	PASS

			HV	NT	-6.902502	±20	PASS

Temperature							
Test Mode	Antenna	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	-3.861004	±20	PASS
			NV	-20	-7.722008	±20	PASS
			NV	-10	-7.722008	±20	PASS
			NV	0	-7.722008	±20	PASS
			NV	10	0.000000	±20	PASS
			NV	20	-3.861004	±20	PASS
			NV	30	-3.861004	±20	PASS
			NV	40	-7.722008	±20	PASS
			NV	50	-3.861004	±20	PASS
		5220	NV	-30	0.000000	±20	PASS
			NV	-20	-3.831418	±20	PASS
			NV	-10	-3.831418	±20	PASS
			NV	0	-3.831418	±20	PASS
			NV	10	0.000000	±20	PASS
			NV	20	0.000000	±20	PASS
			NV	30	-3.831418	±20	PASS
			NV	40	0.000000	±20	PASS
			NV	50	0.000000	±20	PASS
		5240	NV	-30	-7.633588	±20	PASS
			NV	-20	-3.816794	±20	PASS
			NV	-10	-7.633588	±20	PASS
			NV	0	-3.816794	±20	PASS
			NV	10	-3.816794	±20	PASS
			NV	20	-3.816794	±20	PASS
			NV	30	-3.816794	±20	PASS
			NV	40	-3.816794	±20	PASS
			NV	50	0.000000	±20	PASS
		5260	NV	-30	0.000000	±20	PASS
			NV	-20	0.000000	±20	PASS
			NV	-10	0.000000	±20	PASS
			NV	0	-7.604563	±20	PASS
			NV	10	-3.802281	±20	PASS
			NV	20	0.000000	±20	PASS
			NV	30	0.000000	±20	PASS

			NV	40	-3.802281	±20	PASS
			NV	50	0.000000	±20	PASS
		5300	NV	-30	-3.773585	±20	PASS
			NV	-20	-7.547170	±20	PASS
			NV	-10	-3.773585	±20	PASS
			NV	0	-7.547170	±20	PASS
			NV	10	-3.773585	±20	PASS
			NV	20	-7.547170	±20	PASS
			NV	30	-3.773585	±20	PASS
			NV	40	-7.547170	±20	PASS
			NV	50	-3.773585	±20	PASS
		5320	NV	-30	-3.759398	±20	PASS
			NV	-20	-7.518797	±20	PASS
			NV	-10	-3.759398	±20	PASS
			NV	0	-3.759398	±20	PASS
			NV	10	-7.518797	±20	PASS
			NV	20	-3.759398	±20	PASS
			NV	30	-3.759398	±20	PASS
			NV	40	-3.759398	±20	PASS
			NV	50	-3.759398	±20	PASS
		5500	NV	-30	-3.636364	±20	PASS
			NV	-20	-7.272727	±20	PASS
			NV	-10	-7.272727	±20	PASS
			NV	0	-7.272727	±20	PASS
			NV	10	-7.272727	±20	PASS
			NV	20	-7.272727	±20	PASS
			NV	30	-3.636364	±20	PASS
			NV	40	-3.636364	±20	PASS
			NV	50	-3.636364	±20	PASS
		5580	NV	-30	-7.168459	±20	PASS
			NV	-20	-3.584229	±20	PASS
			NV	-10	-3.584229	±20	PASS
			NV	0	-7.168459	±20	PASS
			NV	10	-7.168459	±20	PASS
			NV	20	-7.168459	±20	PASS
			NV	30	-7.168459	±20	PASS
			NV	40	-7.168459	±20	PASS
			NV	50	-7.168459	±20	PASS

		5700	NV	-30	-7.017544	±20	PASS
			NV	-20	-7.017544	±20	PASS
			NV	-10	-7.017544	±20	PASS
			NV	0	-10.526316	±20	PASS
			NV	10	-7.017544	±20	PASS
			NV	20	-7.017544	±20	PASS
			NV	30	-7.017544	±20	PASS
			NV	40	-3.508772	±20	PASS
			NV	50	-7.017544	±20	PASS
		5745	NV	-30	-3.481288	±20	PASS
			NV	-20	-3.481288	±20	PASS
			NV	-10	-3.481288	±20	PASS
			NV	0	-3.481288	±20	PASS
			NV	10	-6.962576	±20	PASS
			NV	20	-6.962576	±20	PASS
			NV	30	-6.962576	±20	PASS
			NV	40	-3.481288	±20	PASS
			NV	50	-6.962576	±20	PASS
		5785	NV	-30	-6.914434	±20	PASS
			NV	-20	-6.914434	±20	PASS
			NV	-10	-6.914434	±20	PASS
			NV	0	-3.457217	±20	PASS
			NV	10	-6.914434	±20	PASS
			NV	20	-6.914434	±20	PASS
			NV	30	-6.914434	±20	PASS
			NV	40	-3.457217	±20	PASS
			NV	50	-6.914434	±20	PASS
		5825	NV	-30	-6.866953	±20	PASS
			NV	-20	-6.866953	±20	PASS
			NV	-10	-6.866953	±20	PASS
			NV	0	-6.866953	±20	PASS
			NV	10	-6.866953	±20	PASS
			NV	20	-3.433476	±20	PASS
			NV	30	-6.866953	±20	PASS
			NV	40	-6.866953	±20	PASS
			NV	50	-6.866953	±20	PASS
11N20SISO	Ant1	5180	NV	-30	-3.861004	±20	PASS
			NV	-20	-7.722008	±20	PASS

			NV	-10	-7.722008	±20	PASS
			NV	0	-7.722008	±20	PASS
			NV	10	-11.583012	±20	PASS
			NV	20	-11.583012	±20	PASS
			NV	30	-3.861004	±20	PASS
			NV	40	-3.861004	±20	PASS
			NV	50	-3.861004	±20	PASS
		5220	NV	-30	-3.831418	±20	PASS
			NV	-20	-7.662835	±20	PASS
			NV	-10	-3.831418	±20	PASS
			NV	0	-3.831418	±20	PASS
			NV	10	-7.662835	±20	PASS
			NV	20	-3.831418	±20	PASS
			NV	30	-11.494253	±20	PASS
			NV	40	-3.831418	±20	PASS
			NV	50	-7.662835	±20	PASS
		5240	NV	-30	-3.816794	±20	PASS
			NV	-20	-11.450382	±20	PASS
			NV	-10	-11.450382	±20	PASS
			NV	0	-3.816794	±20	PASS
			NV	10	-3.816794	±20	PASS
			NV	20	-7.633588	±20	PASS
			NV	30	-3.816794	±20	PASS
			NV	40	-3.816794	±20	PASS
			NV	50	-7.633588	±20	PASS
		5260	NV	-30	-7.604563	±20	PASS
			NV	-20	-11.406844	±20	PASS
			NV	-10	-3.802281	±20	PASS
			NV	0	-7.604563	±20	PASS
			NV	10	-7.604563	±20	PASS
			NV	20	-7.604563	±20	PASS
			NV	30	-3.802281	±20	PASS
			NV	40	-7.604563	±20	PASS
			NV	50	-3.802281	±20	PASS
		5300	NV	-30	-7.547170	±20	PASS
			NV	-20	-3.773585	±20	PASS
			NV	-10	-11.320755	±20	PASS
			NV	0	-11.320755	±20	PASS

			NV	10	-11.320755	±20	PASS
			NV	20	-11.320755	±20	PASS
			NV	30	-3.773585	±20	PASS
			NV	40	-7.547170	±20	PASS
			NV	50	-11.320755	±20	PASS
		5320	NV	-30	-7.518797	±20	PASS
			NV	-20	-3.759398	±20	PASS
			NV	-10	-7.518797	±20	PASS
			NV	0	-7.518797	±20	PASS
			NV	10	-11.278195	±20	PASS
			NV	20	-7.518797	±20	PASS
			NV	30	-7.518797	±20	PASS
			NV	40	-7.518797	±20	PASS
			NV	50	-3.759398	±20	PASS
		5500	NV	-30	-3.636364	±20	PASS
			NV	-20	-7.272727	±20	PASS
			NV	-10	-7.272727	±20	PASS
			NV	0	-7.272727	±20	PASS
			NV	10	-3.636364	±20	PASS
			NV	20	-3.636364	±20	PASS
			NV	30	-3.636364	±20	PASS
			NV	40	-3.636364	±20	PASS
			NV	50	-3.636364	±20	PASS
		5580	NV	-30	-10.752688	±20	PASS
			NV	-20	-10.752688	±20	PASS
			NV	-10	-7.168459	±20	PASS
			NV	0	-3.584229	±20	PASS
			NV	10	-7.168459	±20	PASS
			NV	20	-3.584229	±20	PASS
			NV	30	-10.752688	±20	PASS
			NV	40	-3.584229	±20	PASS
			NV	50	-7.168459	±20	PASS
		5700	NV	-30	-10.526316	±20	PASS
			NV	-20	-3.508772	±20	PASS
			NV	-10	-10.526316	±20	PASS
			NV	0	-10.526316	±20	PASS
			NV	10	-10.526316	±20	PASS
			NV	20	-7.017544	±20	PASS

			NV	30	-7.017544	±20	PASS
			NV	40	-7.017544	±20	PASS
			NV	50	-7.017544	±20	PASS
		5745	NV	-30	-6.962576	±20	PASS
			NV	-20	-6.962576	±20	PASS
			NV	-10	-6.962576	±20	PASS
			NV	0	-6.962576	±20	PASS
			NV	10	-6.962576	±20	PASS
			NV	20	-6.962576	±20	PASS
			NV	30	-10.443864	±20	PASS
			NV	40	-6.962576	±20	PASS
			NV	50	-6.962576	±20	PASS
		5785	NV	-30	-10.371651	±20	PASS
			NV	-20	-6.914434	±20	PASS
			NV	-10	-10.371651	±20	PASS
			NV	0	-6.914434	±20	PASS
			NV	10	-13.828868	±20	PASS
			NV	20	-6.914434	±20	PASS
			NV	30	-6.914434	±20	PASS
			NV	40	-3.457217	±20	PASS
			NV	50	-10.371651	±20	PASS
		5825	NV	-30	-6.866953	±20	PASS
			NV	-20	-3.433476	±20	PASS
			NV	-10	-10.300429	±20	PASS
			NV	0	-3.433476	±20	PASS
			NV	10	-10.300429	±20	PASS
			NV	20	-6.866953	±20	PASS
			NV	30	-6.866953	±20	PASS
			NV	40	-6.866953	±20	PASS
			NV	50	-3.433476	±20	PASS
11N40SISO	Ant1	5190	NV	-30	0.000000	±20	PASS
			NV	-20	-7.707129	±20	PASS
			NV	-10	0.000000	±20	PASS
			NV	0	-7.707129	±20	PASS
			NV	10	-7.707129	±20	PASS
			NV	20	-7.707129	±20	PASS
			NV	30	0.000000	±20	PASS
			NV	40	0.000000	±20	PASS

			NV	50	-7.707129	±20	PASS
		5230	NV	-30	0.000000	±20	PASS
			NV	-20	0.000000	±20	PASS
			NV	-10	0.000000	±20	PASS
			NV	0	0.000000	±20	PASS
			NV	10	0.000000	±20	PASS
			NV	20	0.000000	±20	PASS
			NV	30	0.000000	±20	PASS
			NV	40	0.000000	±20	PASS
			NV	50	0.000000	±20	PASS
		5270	NV	-30	0.000000	±20	PASS
			NV	-20	0.000000	±20	PASS
			NV	-10	-7.590133	±20	PASS
			NV	0	0.000000	±20	PASS
			NV	10	0.000000	±20	PASS
			NV	20	0.000000	±20	PASS
			NV	30	0.000000	±20	PASS
			NV	40	0.000000	±20	PASS
			NV	50	0.000000	±20	PASS
		5310	NV	-30	0.000000	±20	PASS
			NV	-20	0.000000	±20	PASS
			NV	-10	0.000000	±20	PASS
			NV	0	0.000000	±20	PASS
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			NV	20	0.000000	±20	PASS
			NV	30	0.000000	±20	PASS
			NV	40	-7.532957	±20	PASS
			NV	50	0.000000	±20	PASS
		5510	NV	-30	0.000000	±20	PASS
			NV	-20	0.000000	±20	PASS
			NV	-10	0.000000	±20	PASS
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			NV	10	0.000000	±20	PASS
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			NV	30	0.000000	±20	PASS
			NV	40	0.000000	±20	PASS
			NV	50	0.000000	±20	PASS
		5550	NV	-30	-14.414414	±20	PASS

			NV	-20	0.000000	±20	PASS
			NV	-10	0.000000	±20	PASS
			NV	0	0.000000	±20	PASS
			NV	10	0.000000	±20	PASS
			NV	20	0.000000	±20	PASS
			NV	30	-7.207207	±20	PASS
			NV	40	-7.207207	±20	PASS
			NV	50	0.000000	±20	PASS
		5670	NV	-30	0.000000	±20	PASS
			NV	-20	0.000000	±20	PASS
			NV	-10	0.000000	±20	PASS
			NV	0	0.000000	±20	PASS
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			NV	30	0.000000	±20	PASS
			NV	40	-7.054674	±20	PASS
			NV	50	0.000000	±20	PASS
		5755	NV	-30	0.000000	±20	PASS
			NV	-20	0.000000	±20	PASS
			NV	-10	0.000000	±20	PASS
			NV	0	0.000000	±20	PASS
			NV	10	-6.950478	±20	PASS
			NV	20	0.000000	±20	PASS
			NV	30	0.000000	±20	PASS
			NV	40	0.000000	±20	PASS
			NV	50	-6.950478	±20	PASS
		5795	NV	-30	-6.902502	±20	PASS
			NV	-20	0.000000	±20	PASS
			NV	-10	0.000000	±20	PASS
			NV	0	0.000000	±20	PASS
			NV	10	0.000000	±20	PASS
			NV	20	0.000000	±20	PASS
			NV	30	-6.902502	±20	PASS
			NV	40	0.000000	±20	PASS
			NV	50	0.000000	±20	PASS
11AC20SISO	Ant1	5180	NV	-30	-3.861004	±20	PASS
			NV	-20	-3.861004	±20	PASS
			NV	-10	0.000000	±20	PASS

			NV	0	-7.722008	±20	PASS
			NV	10	-3.861004	±20	PASS
			NV	20	-3.861004	±20	PASS
			NV	30	-3.861004	±20	PASS
			NV	40	-7.722008	±20	PASS
			NV	50	-3.861004	±20	PASS
		5220	NV	-30	-3.831418	±20	PASS
			NV	-20	0.000000	±20	PASS
			NV	-10	-3.831418	±20	PASS
			NV	0	0.000000	±20	PASS
			NV	10	-3.831418	±20	PASS
			NV	20	-7.662835	±20	PASS
			NV	30	0.000000	±20	PASS
			NV	40	0.000000	±20	PASS
			NV	50	-7.662835	±20	PASS
		5240	NV	-30	0.000000	±20	PASS
			NV	-20	-3.816794	±20	PASS
			NV	-10	0.000000	±20	PASS
			NV	0	-3.816794	±20	PASS
			NV	10	-3.816794	±20	PASS
			NV	20	0.000000	±20	PASS
			NV	30	0.000000	±20	PASS
			NV	40	-3.816794	±20	PASS
			NV	50	-7.633588	±20	PASS
		5260	NV	-30	-3.802281	±20	PASS
			NV	-20	0.000000	±20	PASS
			NV	-10	0.000000	±20	PASS
			NV	0	-3.802281	±20	PASS
			NV	10	-3.802281	±20	PASS
			NV	20	-3.802281	±20	PASS
			NV	30	-3.802281	±20	PASS
			NV	40	-3.802281	±20	PASS
			NV	50	-3.802281	±20	PASS
		5300	NV	-30	-3.773585	±20	PASS
			NV	-20	-7.547170	±20	PASS
			NV	-10	-3.773585	±20	PASS
			NV	0	-3.773585	±20	PASS
			NV	10	0.000000	±20	PASS

			NV	20	-3.773585	±20	PASS
			NV	30	-3.773585	±20	PASS
			NV	40	-3.773585	±20	PASS
			NV	50	0.000000	±20	PASS
		5320	NV	-30	-11.278195	±20	PASS
			NV	-20	-7.518797	±20	PASS
			NV	-10	-3.759398	±20	PASS
			NV	0	-7.518797	±20	PASS
			NV	10	-11.278195	±20	PASS
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			NV	30	-3.759398	±20	PASS
			NV	40	-3.759398	±20	PASS
			NV	50	-7.518797	±20	PASS
		5500	NV	-30	-7.272727	±20	PASS
			NV	-20	-7.272727	±20	PASS
			NV	-10	-3.636364	±20	PASS
			NV	0	-10.909091	±20	PASS
			NV	10	-7.272727	±20	PASS
			NV	20	-7.272727	±20	PASS
			NV	30	-3.636364	±20	PASS
			NV	40	-7.272727	±20	PASS
			NV	50	-7.272727	±20	PASS
		5580	NV	-30	-7.168459	±20	PASS
			NV	-20	-3.584229	±20	PASS
			NV	-10	-3.584229	±20	PASS
			NV	0	-7.168459	±20	PASS
			NV	10	-3.584229	±20	PASS
			NV	20	-7.168459	±20	PASS
			NV	30	-7.168459	±20	PASS
			NV	40	0.000000	±20	PASS
			NV	50	-7.168459	±20	PASS
		5700	NV	-30	-3.508772	±20	PASS
			NV	-20	-10.526316	±20	PASS
			NV	-10	-3.508772	±20	PASS
			NV	0	-7.017544	±20	PASS
			NV	10	-7.017544	±20	PASS
			NV	20	-10.526316	±20	PASS
			NV	30	-7.017544	±20	PASS

			NV	40	-7.017544	±20	PASS
			NV	50	-3.508772	±20	PASS
		5745	NV	-30	-6.962576	±20	PASS
			NV	-20	0.000000	±20	PASS
			NV	-10	-3.481288	±20	PASS
			NV	0	-3.481288	±20	PASS
			NV	10	-6.962576	±20	PASS
			NV	20	-6.962576	±20	PASS
			NV	30	-6.962576	±20	PASS
			NV	40	-3.481288	±20	PASS
			NV	50	-6.962576	±20	PASS
		5785	NV	-30	-6.914434	±20	PASS
			NV	-20	-6.914434	±20	PASS
			NV	-10	-6.914434	±20	PASS
			NV	0	-3.457217	±20	PASS
			NV	10	-6.914434	±20	PASS
			NV	20	0.000000	±20	PASS
			NV	30	-3.457217	±20	PASS
			NV	40	-3.457217	±20	PASS
			NV	50	-3.457217	±20	PASS
		5825	NV	-30	-3.433476	±20	PASS
			NV	-20	-3.433476	±20	PASS
			NV	-10	-3.433476	±20	PASS
			NV	0	-6.866953	±20	PASS
			NV	10	-10.300429	±20	PASS
			NV	20	-3.433476	±20	PASS
			NV	30	-6.866953	±20	PASS
			NV	40	-6.866953	±20	PASS
			NV	50	-6.866953	±20	PASS
11AC40SISO	Ant1	5190	NV	-30	-7.707129	±20	PASS
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			NV	-10	0.000000	±20	PASS
			NV	0	-7.707129	±20	PASS
			NV	10	-7.707129	±20	PASS
			NV	20	0.000000	±20	PASS
			NV	30	-7.707129	±20	PASS
			NV	40	0.000000	±20	PASS
			NV	50	0.000000	±20	PASS

		5230	NV	-30	0.000000	±20	PASS
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			NV	-10	0.000000	±20	PASS
			NV	0	0.000000	±20	PASS
			NV	10	0.000000	±20	PASS
			NV	20	0.000000	±20	PASS
			NV	30	0.000000	±20	PASS
			NV	40	0.000000	±20	PASS
			NV	50	0.000000	±20	PASS
		5270	NV	-30	0.000000	±20	PASS
			NV	-20	0.000000	±20	PASS
			NV	-10	0.000000	±20	PASS
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			NV	10	0.000000	±20	PASS
			NV	20	0.000000	±20	PASS
			NV	30	0.000000	±20	PASS
			NV	40	0.000000	±20	PASS
			NV	50	0.000000	±20	PASS
		5310	NV	-30	-7.532957	±20	PASS
			NV	-20	0.000000	±20	PASS
			NV	-10	-7.532957	±20	PASS
			NV	0	-7.532957	±20	PASS
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			NV	20	-7.532957	±20	PASS
			NV	30	0.000000	±20	PASS
			NV	40	-7.532957	±20	PASS
			NV	50	0.000000	±20	PASS
		5510	NV	-30	-7.259528	±20	PASS
			NV	-20	0.000000	±20	PASS
			NV	-10	0.000000	±20	PASS
			NV	0	-7.259528	±20	PASS
			NV	10	0.000000	±20	PASS
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			NV	30	-7.259528	±20	PASS
			NV	40	0.000000	±20	PASS
			NV	50	0.000000	±20	PASS
		5550	NV	-30	0.000000	±20	PASS
			NV	-20	-14.414414	±20	PASS

			NV	-10	-7.207207	±20	PASS
			NV	0	-14.414414	±20	PASS
			NV	10	0.000000	±20	PASS
			NV	20	-7.207207	±20	PASS
			NV	30	0.000000	±20	PASS
			NV	40	-14.414414	±20	PASS
			NV	50	0.000000	±20	PASS
		5670	NV	-30	-7.054674	±20	PASS
			NV	-20	0.000000	±20	PASS
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			NV	0	-7.054674	±20	PASS
			NV	10	-7.054674	±20	PASS
			NV	20	0.000000	±20	PASS
			NV	30	-7.054674	±20	PASS
			NV	40	0.000000	±20	PASS
			NV	50	-7.054674	±20	PASS
		5755	NV	-30	0.000000	±20	PASS
			NV	-20	-6.950478	±20	PASS
			NV	-10	0.000000	±20	PASS
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			NV	30	-6.950478	±20	PASS
			NV	40	-6.950478	±20	PASS
			NV	50	-13.900956	±20	PASS
		5795	NV	-30	0.000000	±20	PASS
			NV	-20	-6.902502	±20	PASS
			NV	-10	-6.902502	±20	PASS
			NV	0	-6.902502	±20	PASS
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			NV	20	-6.902502	±20	PASS
			NV	30	-6.902502	±20	PASS
			NV	40	0.000000	±20	PASS
			NV	50	-6.902502	±20	PASS
11AX20SISO	Ant1	5180	NV	-30	-3.861004	±20	PASS
			NV	-20	-11.583012	±20	PASS
			NV	-10	-7.722008	±20	PASS
			NV	0	-7.722008	±20	PASS

			NV	10	-3.861004	±20	PASS
			NV	20	-3.861004	±20	PASS
			NV	30	-3.861004	±20	PASS
			NV	40	-7.722008	±20	PASS
			NV	50	-3.861004	±20	PASS
		5220	NV	-30	-7.662835	±20	PASS
			NV	-20	-3.831418	±20	PASS
			NV	-10	-7.662835	±20	PASS
			NV	0	-3.831418	±20	PASS
			NV	10	-3.831418	±20	PASS
			NV	20	3.831418	±20	PASS
			NV	30	0.000000	±20	PASS
			NV	40	-3.831418	±20	PASS
			NV	50	-7.662835	±20	PASS
		5240	NV	-30	-3.816794	±20	PASS
			NV	-20	-3.816794	±20	PASS
			NV	-10	-3.816794	±20	PASS
			NV	0	-7.633588	±20	PASS
			NV	10	-7.633588	±20	PASS
			NV	20	-3.816794	±20	PASS
			NV	30	-3.816794	±20	PASS
			NV	40	-3.816794	±20	PASS
			NV	50	-3.816794	±20	PASS
		5260	NV	-30	-7.604563	±20	PASS
			NV	-20	-3.802281	±20	PASS
			NV	-10	-3.802281	±20	PASS
			NV	0	-7.604563	±20	PASS
			NV	10	-3.802281	±20	PASS
			NV	20	-3.802281	±20	PASS
			NV	30	0.000000	±20	PASS
			NV	40	-3.802281	±20	PASS
			NV	50	-3.802281	±20	PASS
		5300	NV	-30	-7.547170	±20	PASS
			NV	-20	-7.547170	±20	PASS
			NV	-10	-7.547170	±20	PASS
			NV	0	-7.547170	±20	PASS
			NV	10	-3.773585	±20	PASS
			NV	20	-3.773585	±20	PASS

			NV	30	-7.547170	±20	PASS
			NV	40	-3.773585	±20	PASS
			NV	50	-3.773585	±20	PASS
		5320	NV	-30	-15.037594	±20	PASS
			NV	-20	-3.759398	±20	PASS
			NV	-10	-7.518797	±20	PASS
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			NV	20	-7.518797	±20	PASS
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			NV	40	-7.518797	±20	PASS
			NV	50	-11.278195	±20	PASS
		5500	NV	-30	0.000000	±20	PASS
			NV	-20	0.000000	±20	PASS
			NV	-10	0.000000	±20	PASS
			NV	0	-3.636364	±20	PASS
			NV	10	0.000000	±20	PASS
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			NV	30	-3.636364	±20	PASS
			NV	40	-3.636364	±20	PASS
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		5580	NV	-30	-3.584229	±20	PASS
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			NV	50	0.000000	±20	PASS
		5700	NV	-30	0.000000	±20	PASS
			NV	-20	-3.508772	±20	PASS
			NV	-10	-3.508772	±20	PASS
			NV	0	-7.017544	±20	PASS
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			NV	30	-3.508772	±20	PASS
			NV	40	-3.508772	±20	PASS

			NV	50	-3.508772	±20	PASS
		5745	NV	-30	-6.962576	±20	PASS
			NV	-20	-3.481288	±20	PASS
			NV	-10	-3.481288	±20	PASS
			NV	0	-6.962576	±20	PASS
			NV	10	-3.481288	±20	PASS
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			NV	30	-6.962576	±20	PASS
			NV	40	-6.962576	±20	PASS
			NV	50	-6.962576	±20	PASS
		5785	NV	-30	-6.914434	±20	PASS
			NV	-20	-6.914434	±20	PASS
			NV	-10	-10.371651	±20	PASS
			NV	0	-3.457217	±20	PASS
			NV	10	-6.914434	±20	PASS
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			NV	30	-3.457217	±20	PASS
			NV	40	-6.914434	±20	PASS
			NV	50	-6.914434	±20	PASS
		5825	NV	-30	-3.433476	±20	PASS
			NV	-20	-3.433476	±20	PASS
			NV	-10	-6.866953	±20	PASS
			NV	0	-3.433476	±20	PASS
			NV	10	-6.866953	±20	PASS
			NV	20	-6.866953	±20	PASS
			NV	30	-6.866953	±20	PASS
			NV	40	-3.433476	±20	PASS
			NV	50	-6.866953	±20	PASS
11AX40SISO	Ant1	5190	NV	-30	-7.707129	±20	PASS
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			NV	-10	-7.707129	±20	PASS
			NV	0	-7.707129	±20	PASS
			NV	10	-7.707129	±20	PASS
			NV	20	-7.707129	±20	PASS
			NV	30	-7.707129	±20	PASS
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			NV	50	-7.707129	±20	PASS
		5230	NV	-30	-7.648184	±20	PASS

			NV	-20	-7.648184	±20	PASS
			NV	-10	-7.648184	±20	PASS
			NV	0	-7.648184	±20	PASS
			NV	10	-7.648184	±20	PASS
			NV	20	-7.648184	±20	PASS
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			NV	40	-7.648184	±20	PASS
			NV	50	-7.648184	±20	PASS
		5270	NV	-30	-7.590133	±20	PASS
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			NV	-10	-7.590133	±20	PASS
			NV	0	-7.590133	±20	PASS
			NV	10	-7.590133	±20	PASS
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			NV	30	-7.590133	±20	PASS
			NV	40	-7.590133	±20	PASS
			NV	50	-7.590133	±20	PASS
		5310	NV	-30	-7.532957	±20	PASS
			NV	-20	-7.532957	±20	PASS
			NV	-10	-7.532957	±20	PASS
			NV	0	-7.532957	±20	PASS
			NV	10	-7.532957	±20	PASS
			NV	20	-15.065913	±20	PASS
			NV	30	-7.532957	±20	PASS
			NV	40	-7.532957	±20	PASS
			NV	50	-7.532957	±20	PASS
		5510	NV	-30	-7.259528	±20	PASS
			NV	-20	-7.259528	±20	PASS
			NV	-10	-7.259528	±20	PASS
			NV	0	-7.259528	±20	PASS
			NV	10	-7.259528	±20	PASS
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			NV	30	-7.259528	±20	PASS
			NV	40	-7.259528	±20	PASS
			NV	50	-7.259528	±20	PASS
		5550	NV	-30	-7.207207	±20	PASS
			NV	-20	-7.207207	±20	PASS
			NV	-10	-7.207207	±20	PASS

			NV	0	-7.207207	±20	PASS
			NV	10	-7.207207	±20	PASS
			NV	20	-7.207207	±20	PASS
			NV	30	-7.207207	±20	PASS
			NV	40	-7.207207	±20	PASS
			NV	50	-7.207207	±20	PASS
		5670	NV	-30	-7.054674	±20	PASS
			NV	-20	-7.054674	±20	PASS
			NV	-10	-7.054674	±20	PASS
			NV	0	-7.054674	±20	PASS
			NV	10	-7.054674	±20	PASS
			NV	20	-7.054674	±20	PASS
			NV	30	-7.054674	±20	PASS
			NV	40	-7.054674	±20	PASS
			NV	50	-7.054674	±20	PASS
		5755	NV	-30	-6.950478	±20	PASS
			NV	-20	-6.950478	±20	PASS
			NV	-10	-6.950478	±20	PASS
			NV	0	-6.950478	±20	PASS
			NV	10	-6.950478	±20	PASS
			NV	20	-6.950478	±20	PASS
			NV	30	-6.950478	±20	PASS
			NV	40	-6.950478	±20	PASS
			NV	50	-6.950478	±20	PASS
		5795	NV	-30	-6.902502	±20	PASS
			NV	-20	-6.902502	±20	PASS
			NV	-10	-6.902502	±20	PASS
			NV	0	-6.902502	±20	PASS
			NV	10	-6.902502	±20	PASS
			NV	20	-6.902502	±20	PASS
			NV	30	-6.902502	±20	PASS
			NV	40	-6.902502	±20	PASS
			NV	50	-6.902502	±20	PASS

Appendix E: Duty Cycle

Test Result

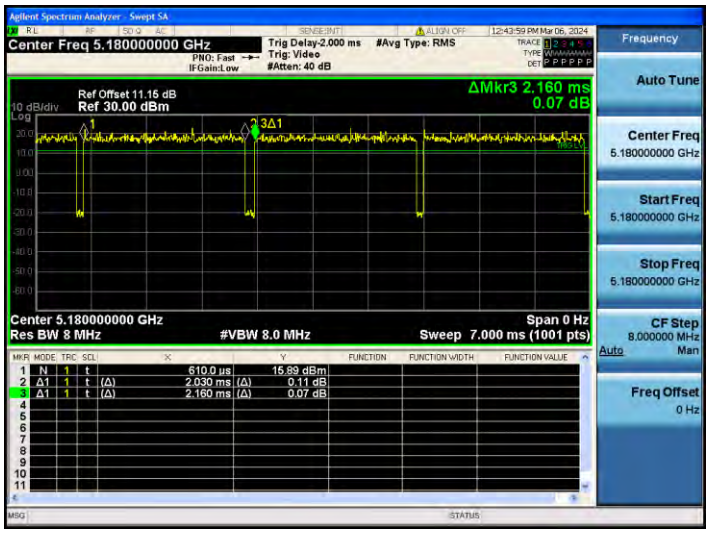
Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	2.03	2.16	93.98	---	---
		5220	2.03	2.11	96.21	---	---
		5240	2.03	2.15	94.42	---	---
		5260	2.03	2.17	93.55	---	---
		5300	2.03	2.19	92.69	---	---
		5320	2.03	2.21	91.86	---	---
		5500	2.03	2.21	91.86	---	---
		5580	2.03	2.25	90.22	---	---
		5700	2.03	2.19	92.69	---	---
		5745	2.04	2.17	94.01	---	---
		5785	2.03	2.17	93.55	---	---
		5825	2.03	2.23	91.03	---	---
11N20SISO	Ant1	5180	1.89	2.00	94.50	---	---
		5220	1.90	2.01	94.53	---	---
		5240	1.89	1.94	97.42	---	---
		5260	1.89	2.06	91.75	---	---
		5300	1.89	2.11	89.57	---	---
		5320	1.89	2.61	72.41	---	---
		5500	1.89	1.96	96.43	---	---
		5580	1.89	2.06	91.75	---	---
		5700	1.89	2.04	92.65	---	---
		5745	1.90	2.01	94.53	---	---
		5785	1.89	2.05	92.20	---	---
		5825	1.89	2.02	93.56	---	---
11N40SISO	Ant1	5190	0.93	1.07	86.92	---	---
		5230	0.93	0.97	95.88	---	---
		5270	0.94	1.06	88.68	---	---
		5310	0.94	1.10	85.45	---	---
		5510	0.94	1.07	87.85	---	---
		5550	0.93	1.00	93.00	---	---
		5670	0.93	1.05	88.57	---	---
		5755	0.93	0.99	93.94	---	---
		5795	0.93	1.06	87.74	---	---
11AC20SISO	Ant1	5180	1.90	2.00	95.00	---	---

		5220	1.90	1.96	96.94	---	---
		5240	1.89	1.96	96.43	---	---
		5260	1.90	1.98	95.96	---	---
		5300	1.90	1.94	97.94	---	---
		5320	1.90	2.02	94.06	---	---
		5500	1.91	2.02	94.55	---	---
		5580	1.90	2.07	91.79	---	---
		5700	1.90	2.08	91.35	---	---
		5745	1.90	2.05	92.68	---	---
		5785	1.90	2.05	92.68	---	---
		5825	1.90	2.01	94.53	---	---
11AC40SISO	Ant1	5190	0.94	1.14	82.46	---	---
		5230	0.93	1.08	86.11	---	---
		5270	0.94	1.03	91.26	---	---
		5310	0.94	1.10	85.45	---	---
		5510	0.93	1.07	86.92	---	---
		5550	0.93	1.14	81.58	---	---
		5670	0.93	1.08	86.11	---	---
		5755	0.94	1.05	89.52	---	---
		5795	0.94	1.03	91.26	---	---
11AX20SISO	Ant1	5180	1.46	1.55	94.19	---	---
		5220	1.46	1.55	94.19	---	---
		5240	1.45	1.56	92.95	---	---
		5260	1.45	1.56	92.95	---	---
		5300	1.45	1.62	89.51	---	---
		5320	1.45	1.61	90.06	---	---
		5500	1.46	1.63	89.57	---	---
		5580	1.46	1.59	91.82	---	---
		5700	1.45	1.57	92.36	---	---
		5745	1.45	1.57	92.36	---	---
		5785	1.46	1.61	90.68	---	---
		5825	1.46	1.50	97.33	---	---
11AX40SISO	Ant1	5190	0.74	0.89	83.15	---	---
		5230	0.74	0.87	85.06	---	---
		5270	0.74	0.98	75.51	---	---
		5310	0.74	0.85	87.06	---	---
		5510	0.74	0.86	86.05	---	---
		5550	0.75	0.95	78.95	---	---

		5670	0.75	0.80	93.75	---	---
		5755	0.74	0.79	93.67	---	---
		5795	0.75	0.90	83.33	---	---

Test Graphs

11A_Ant1_5180



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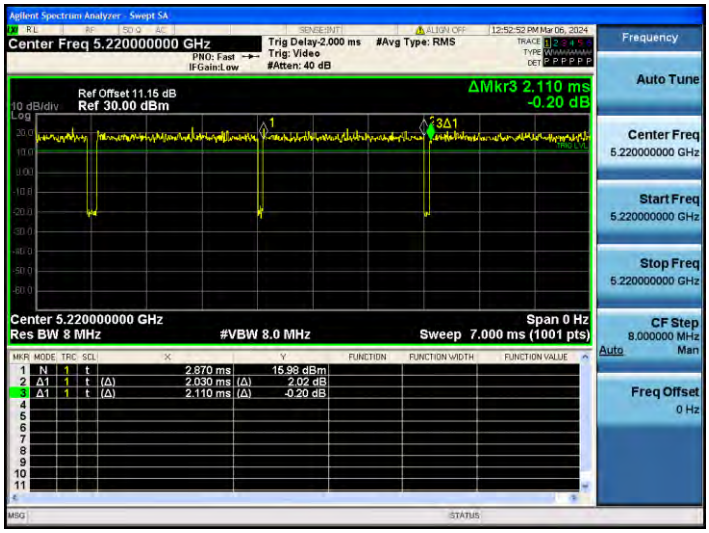

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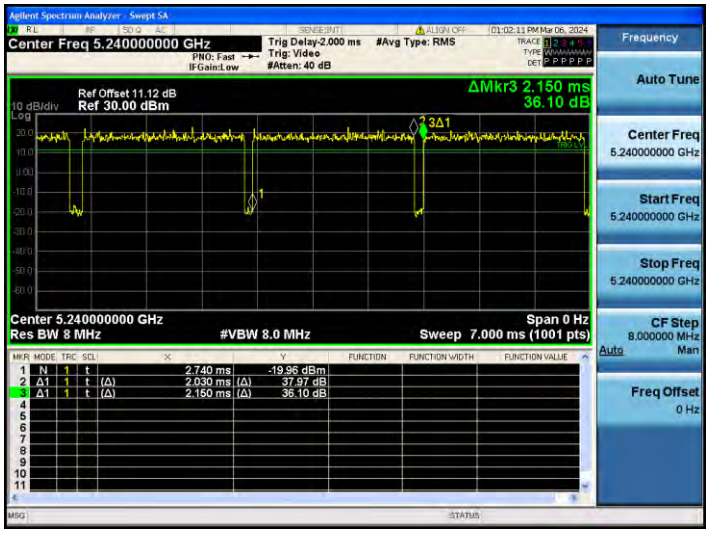

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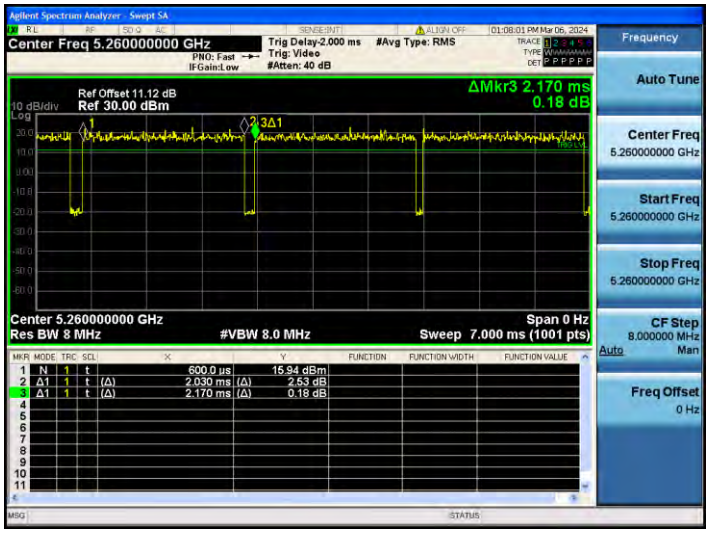

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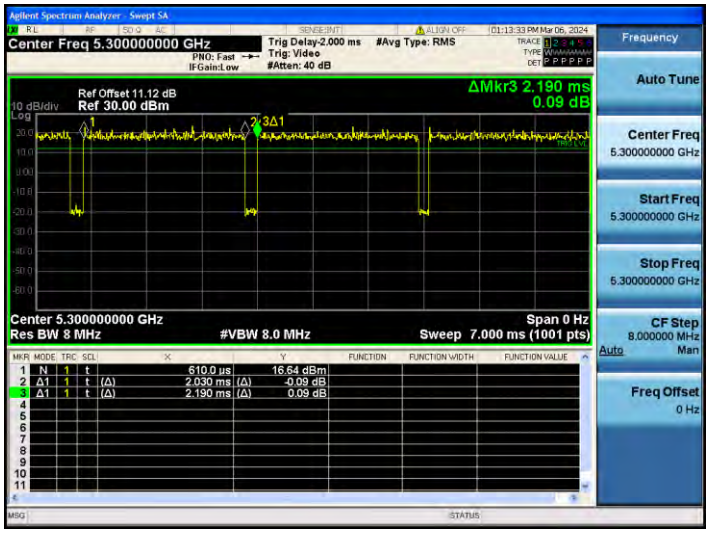

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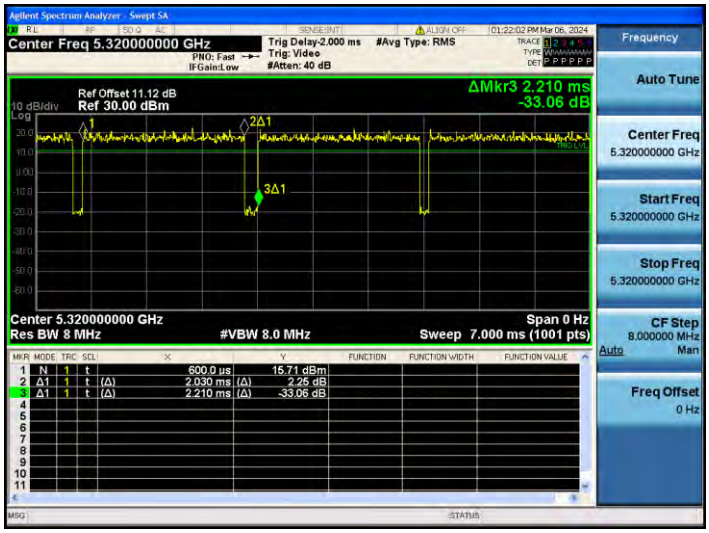

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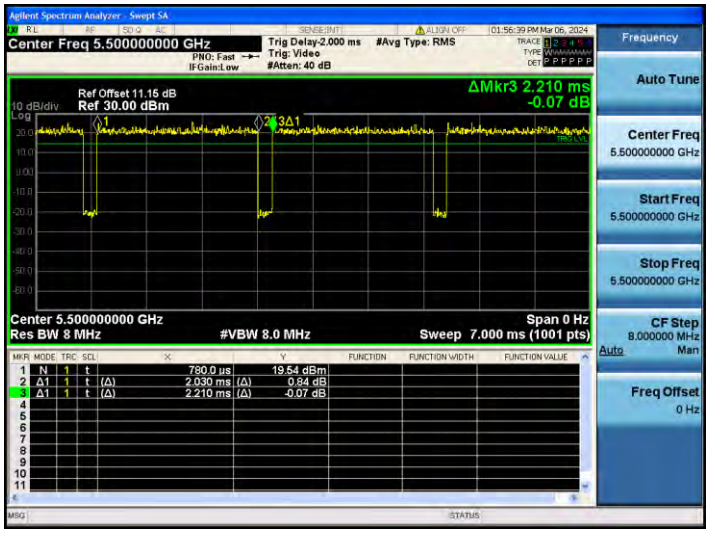

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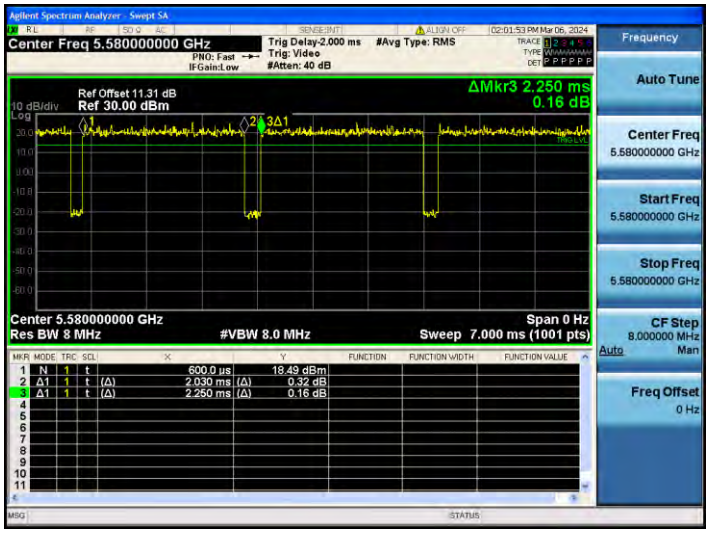

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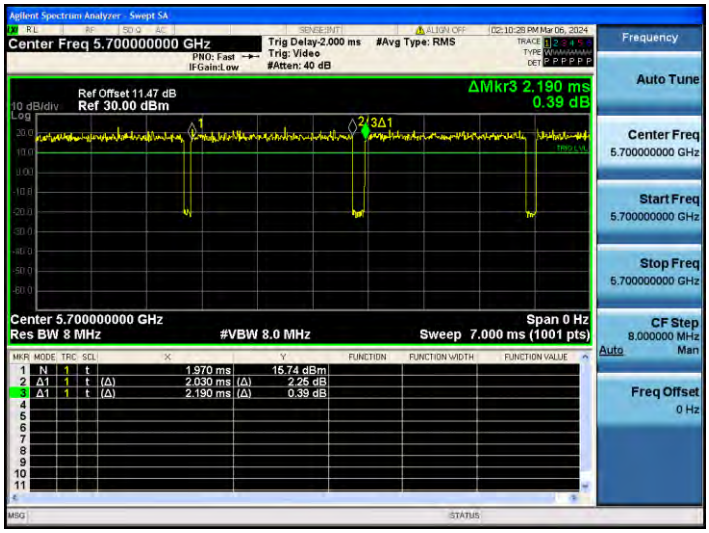

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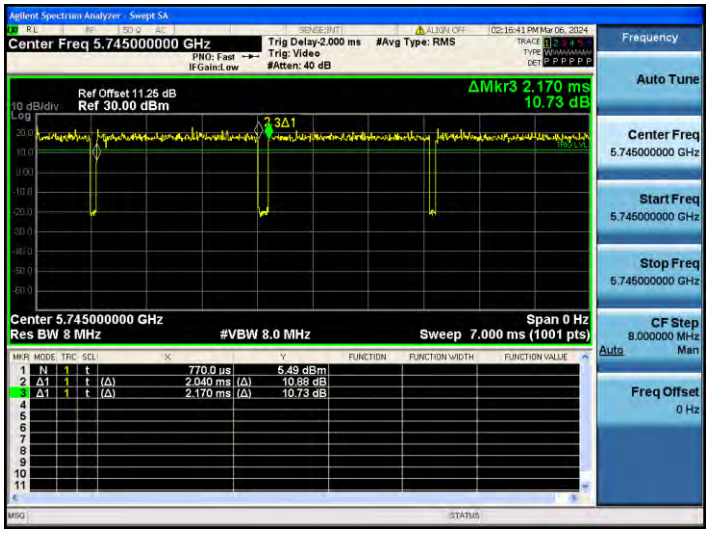

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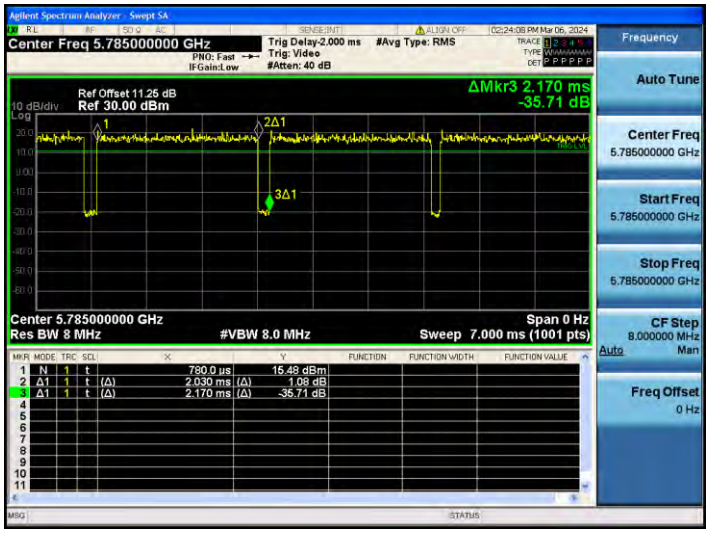

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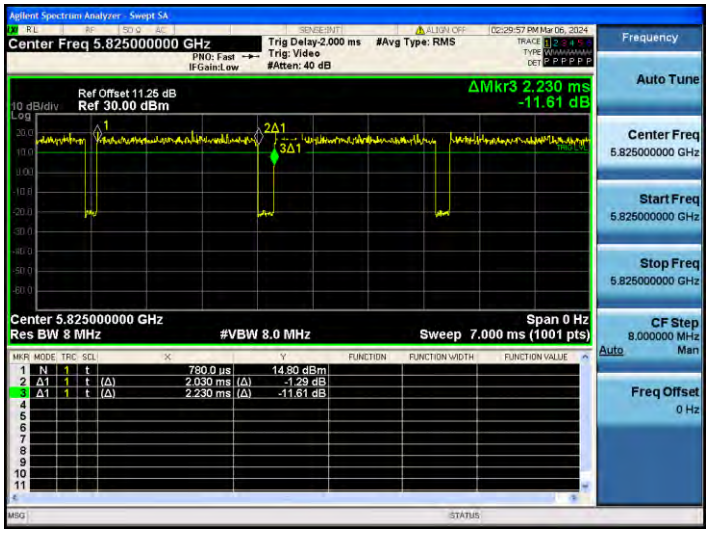

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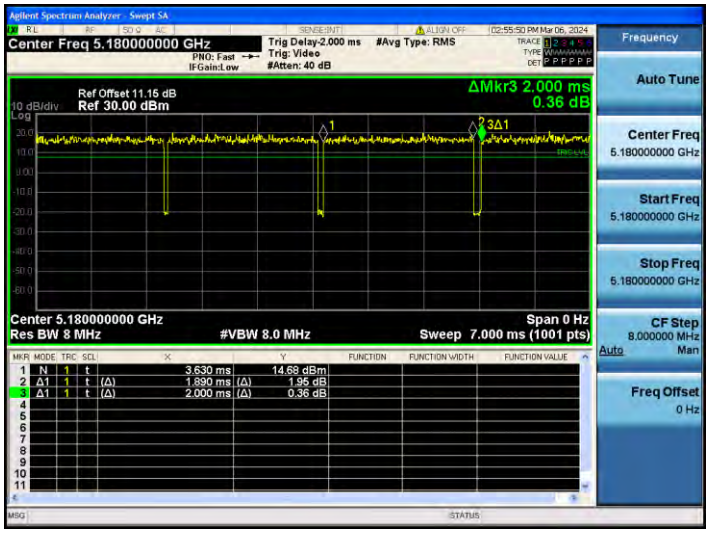

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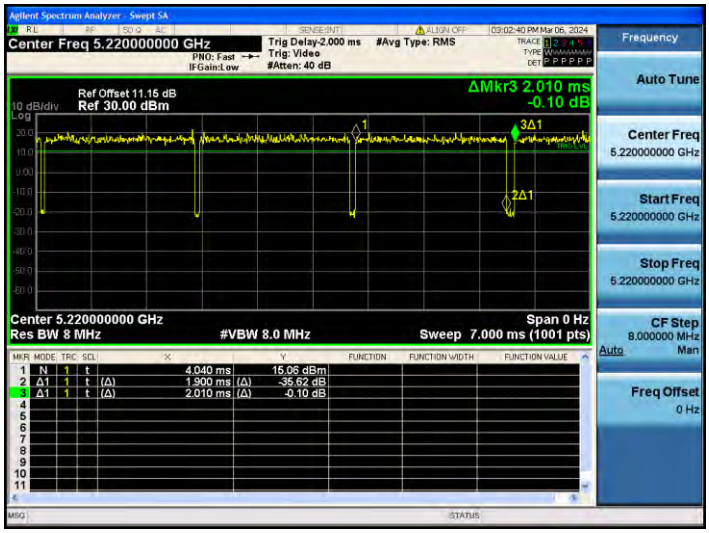

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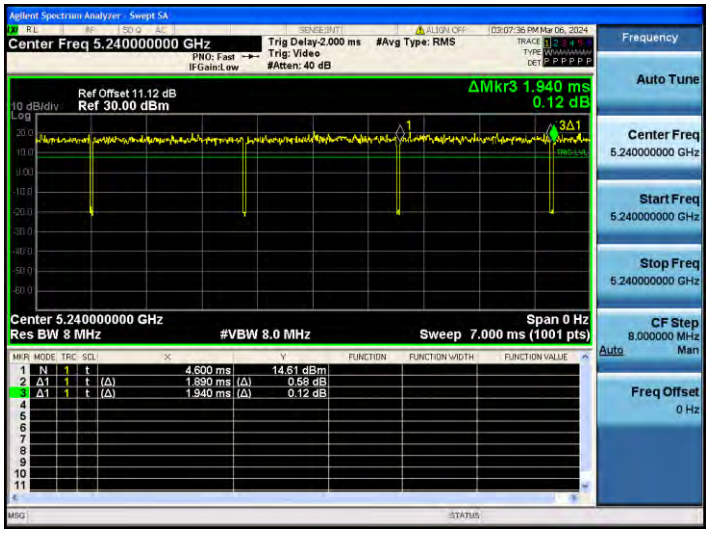

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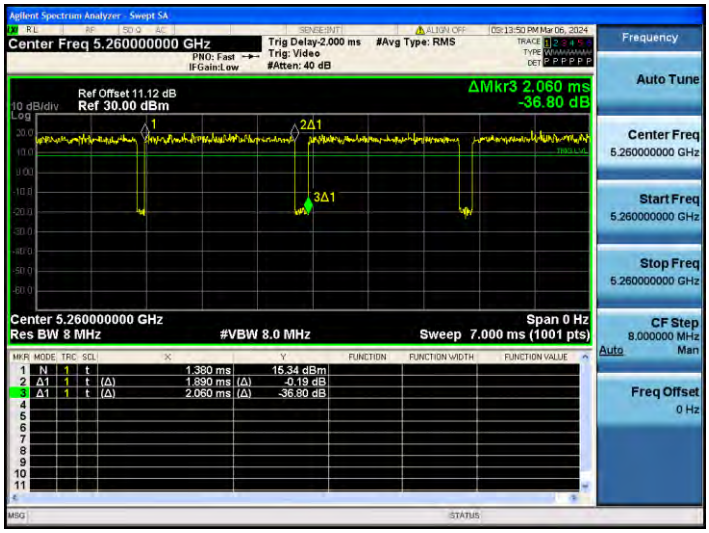

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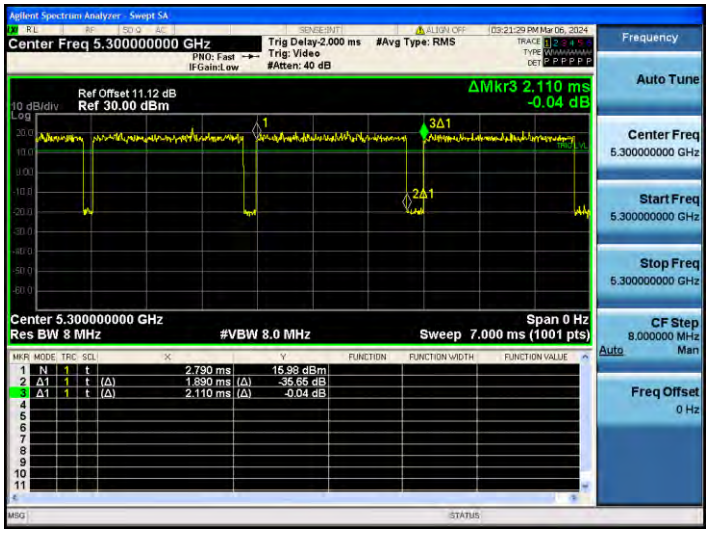

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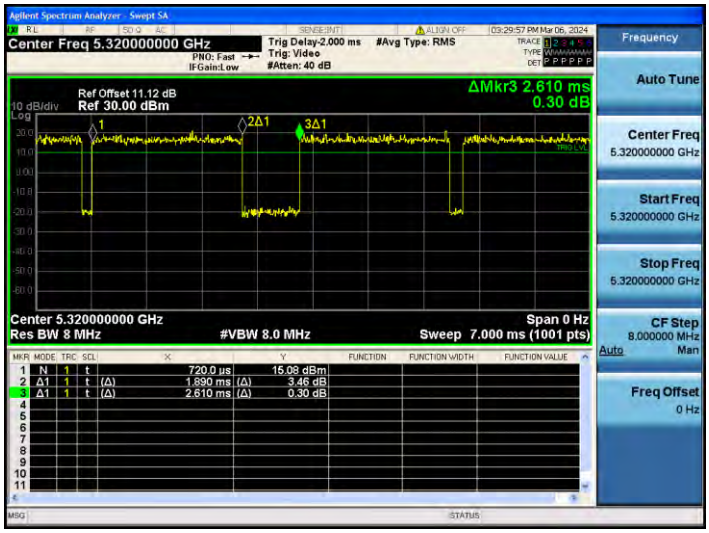

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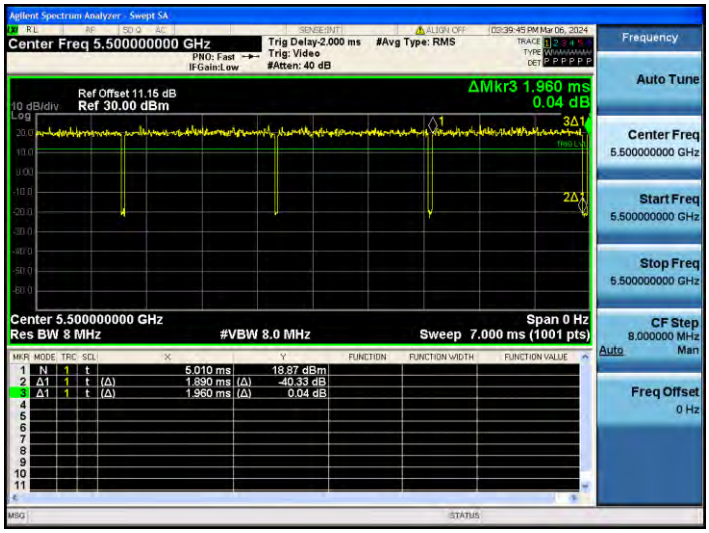

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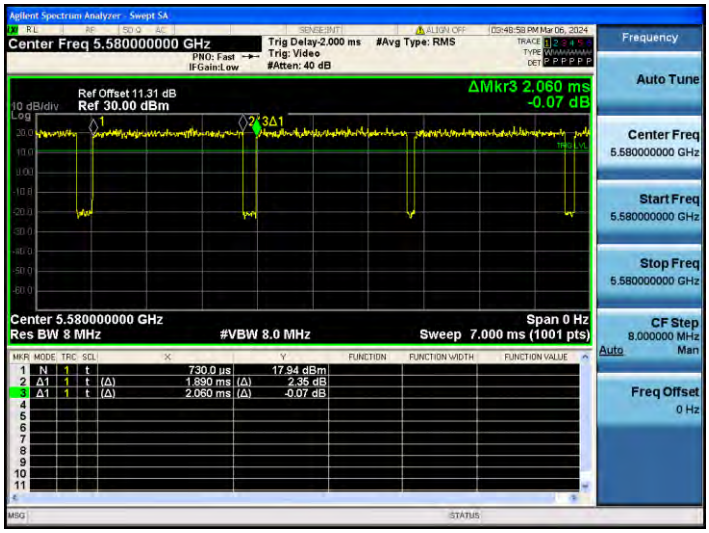

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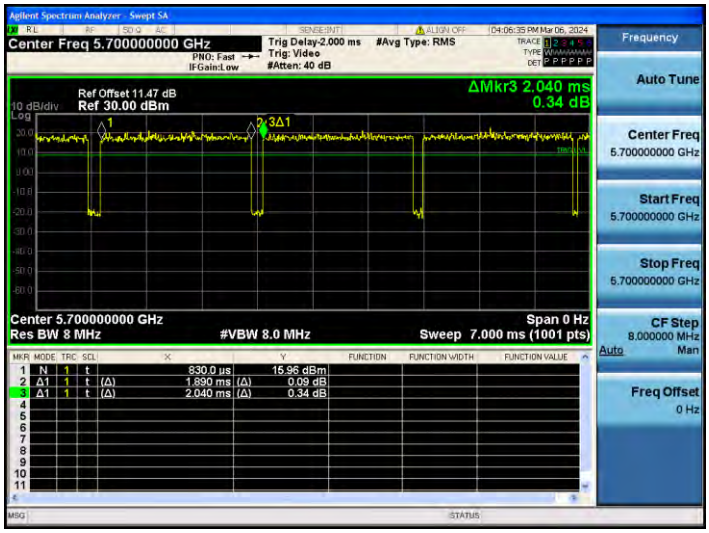

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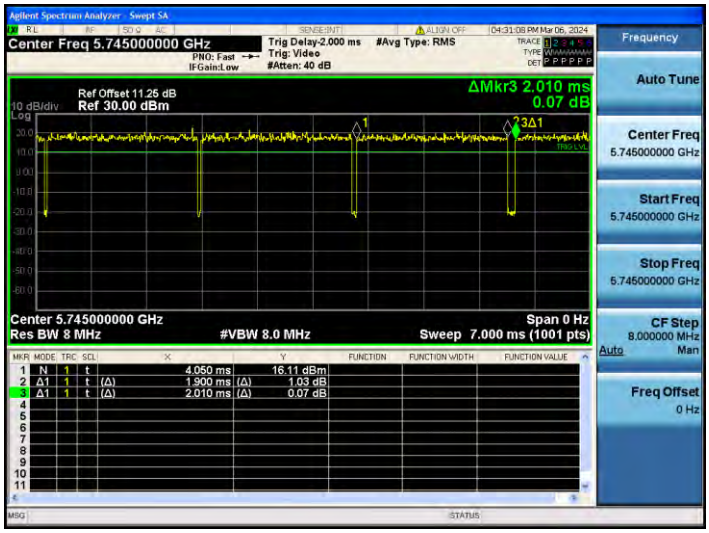

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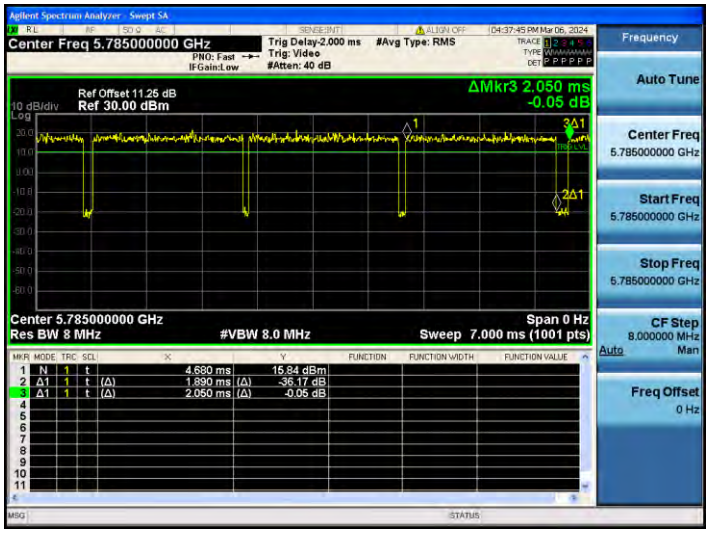

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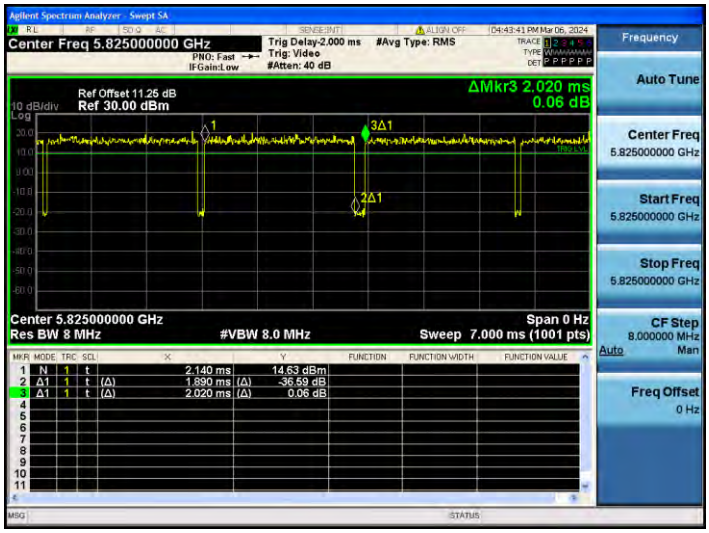

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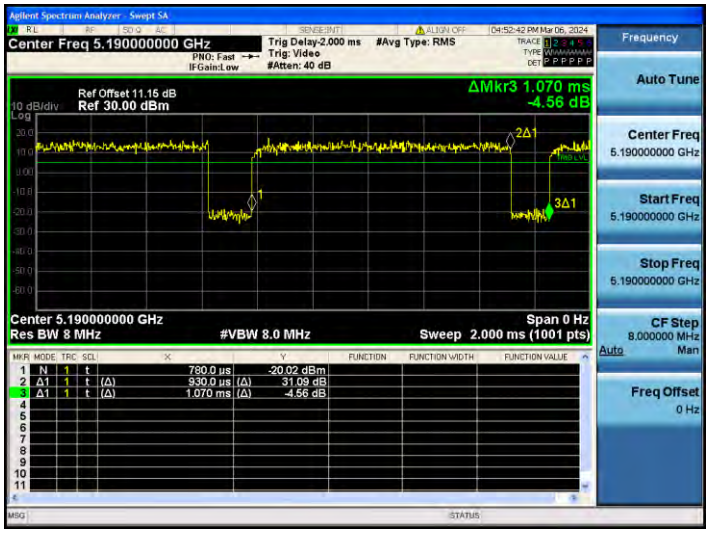

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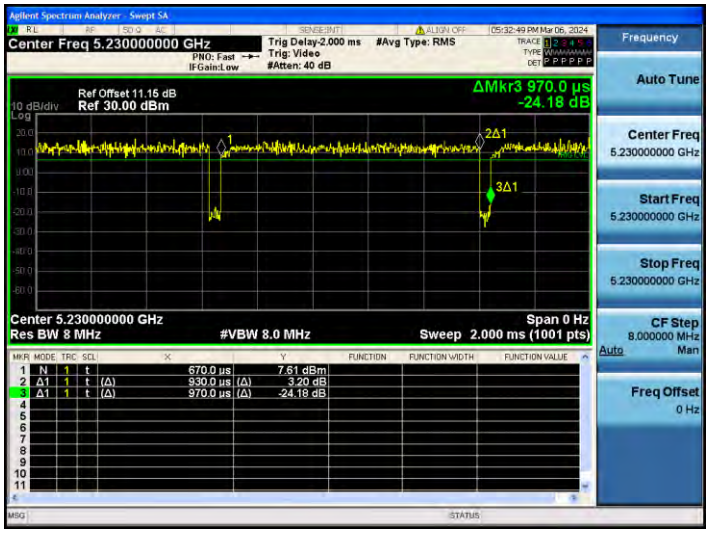

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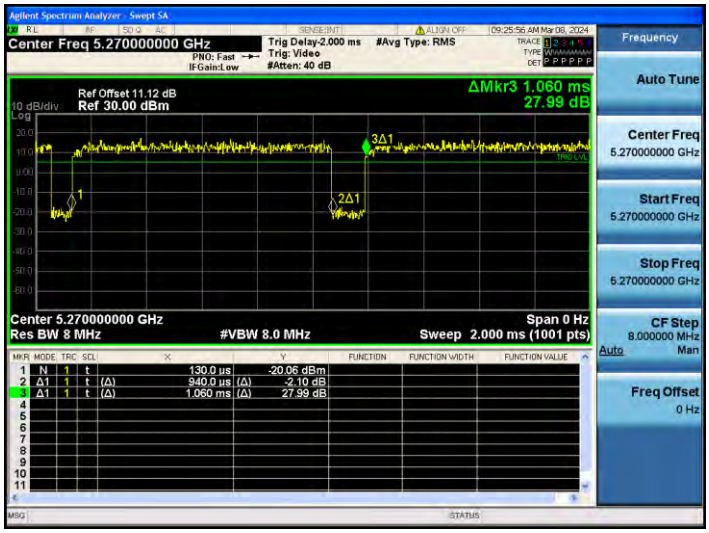

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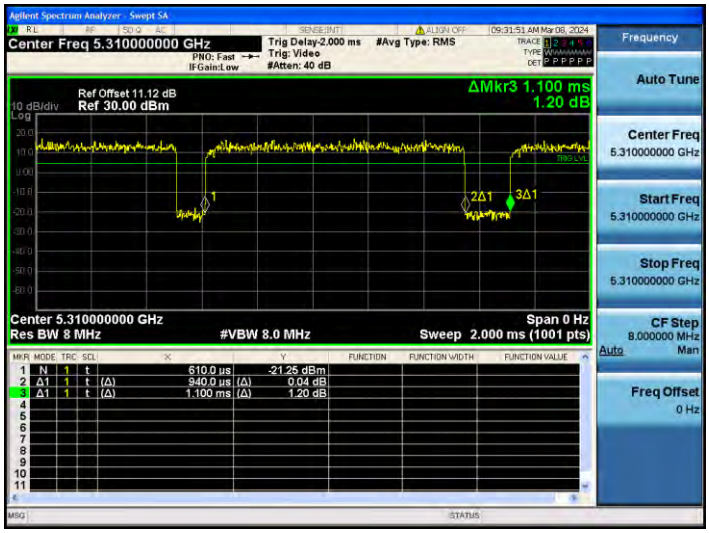

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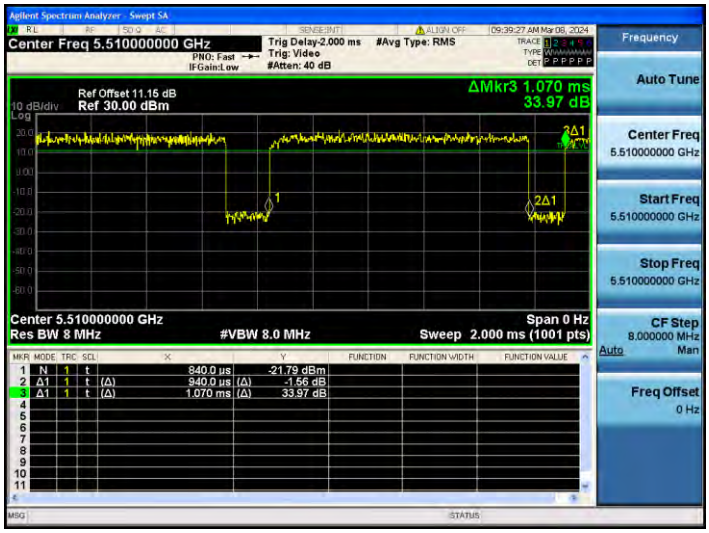

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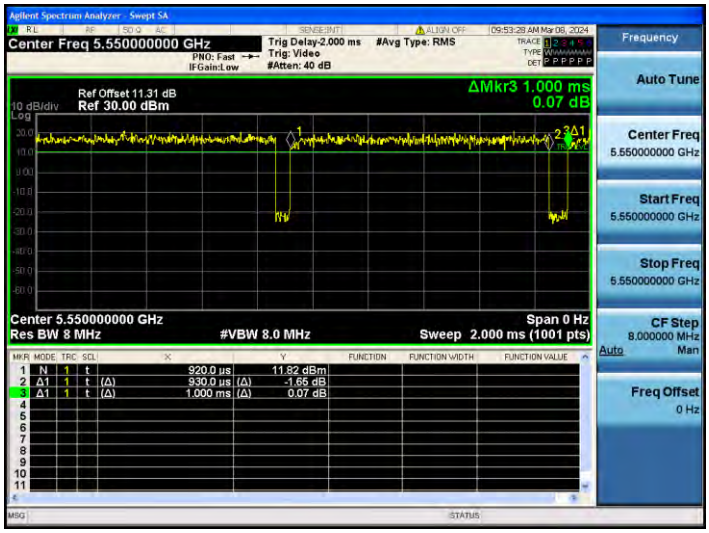

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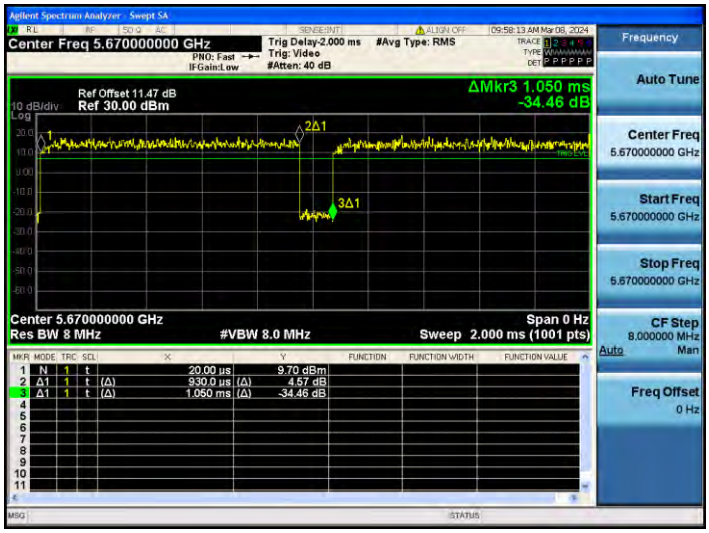

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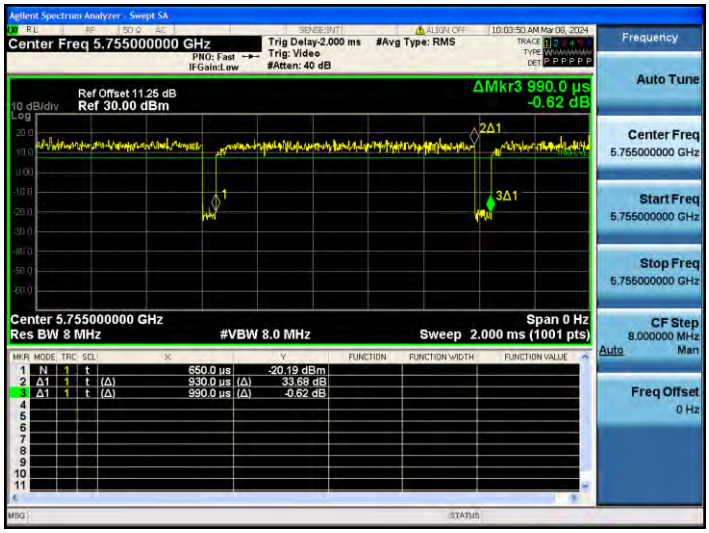

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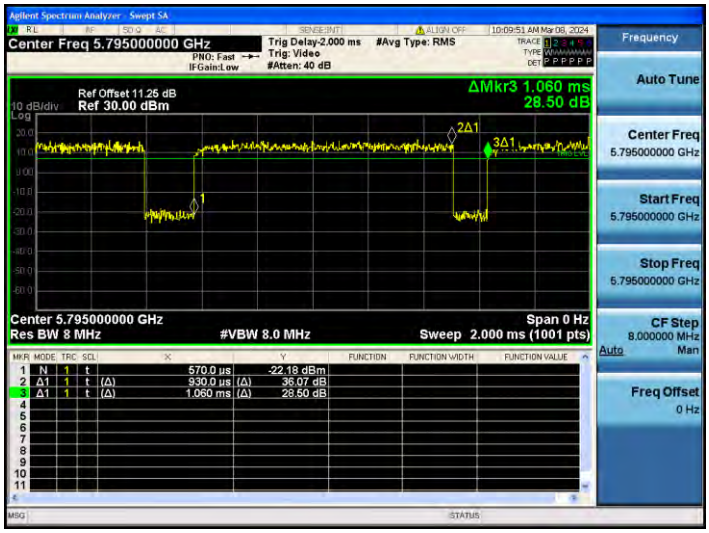

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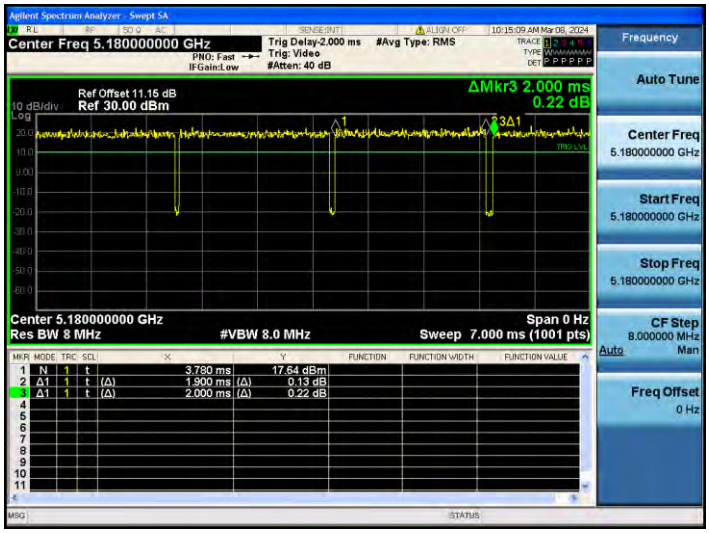

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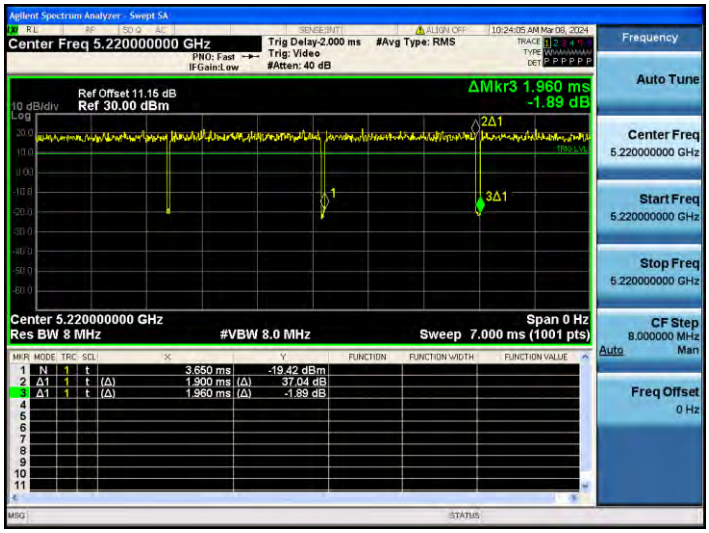

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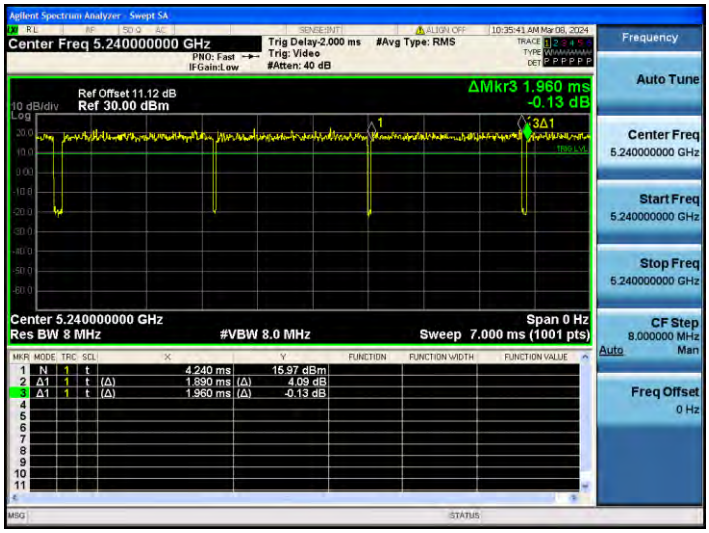

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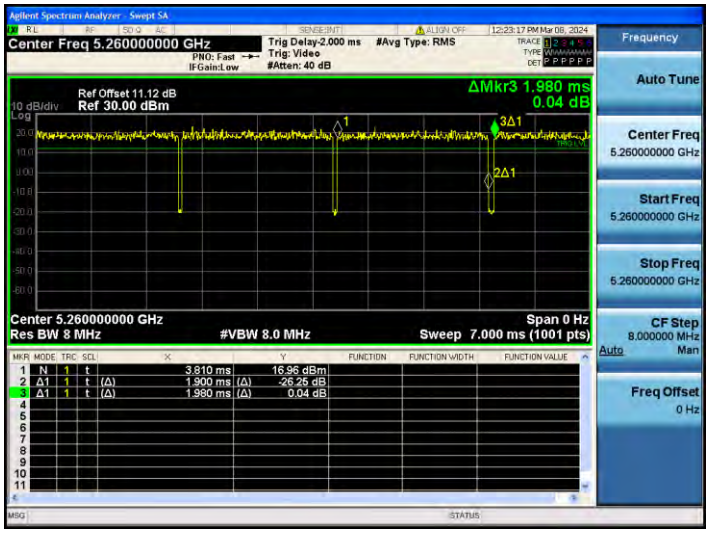

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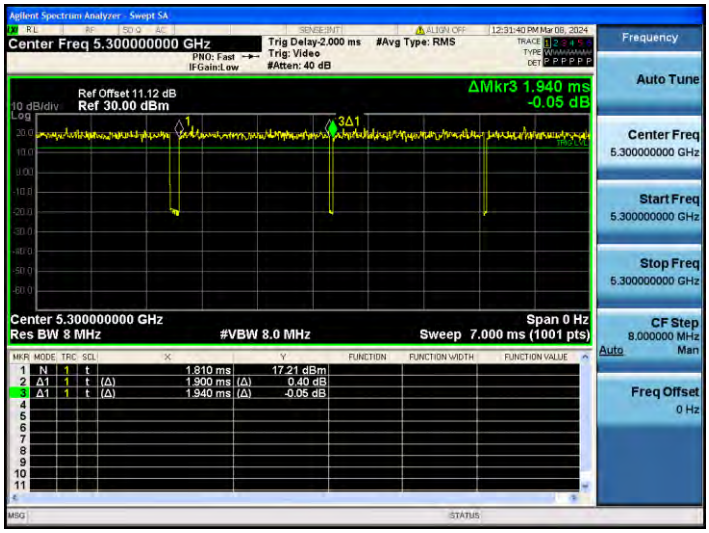

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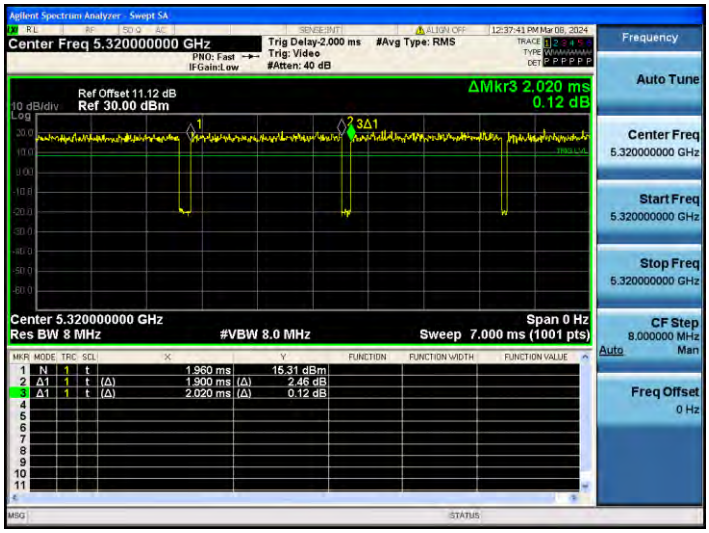

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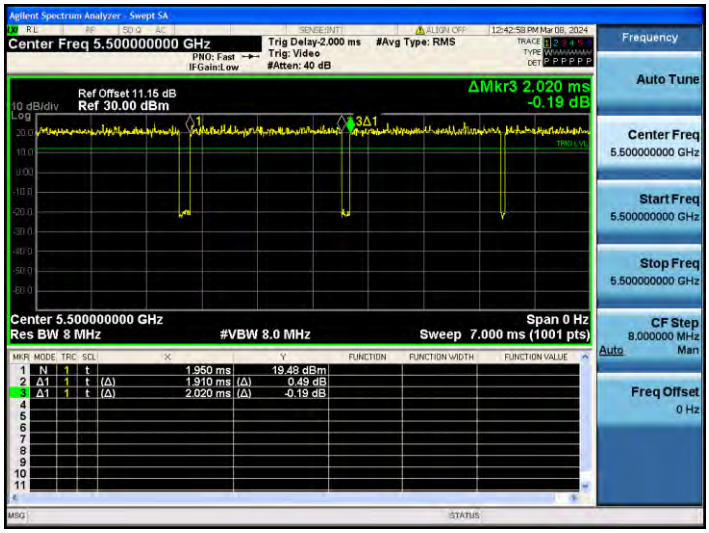

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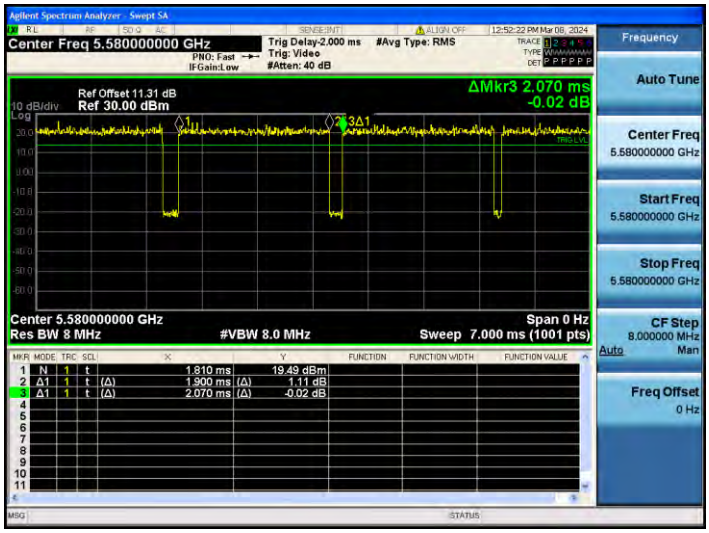

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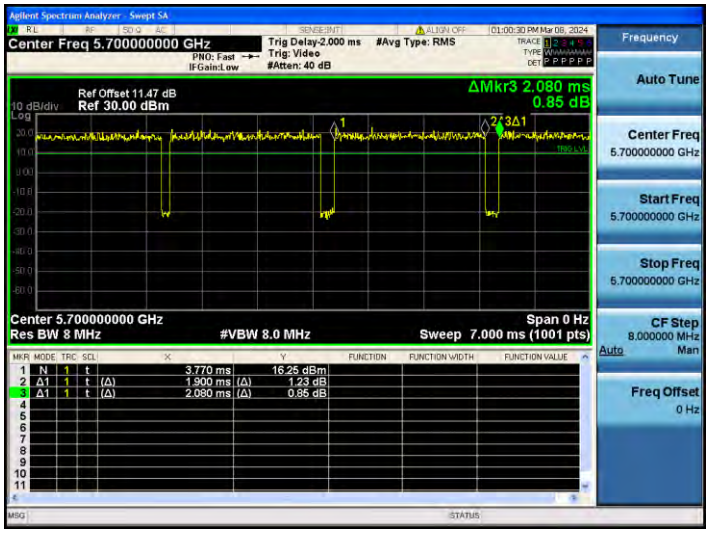

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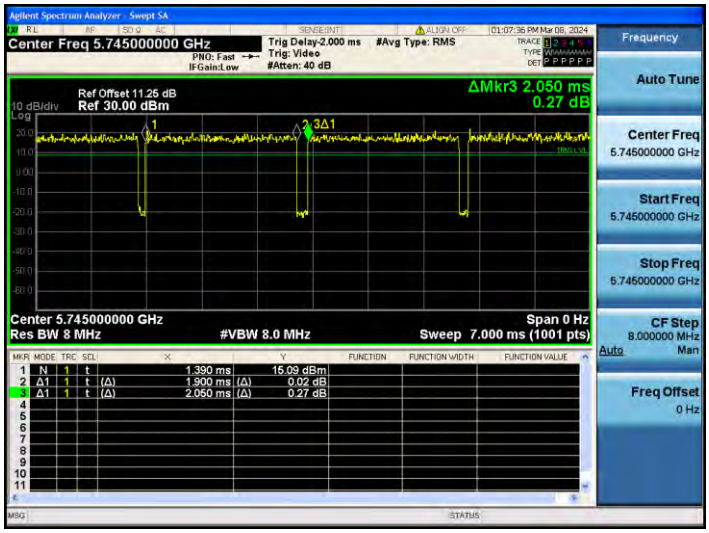

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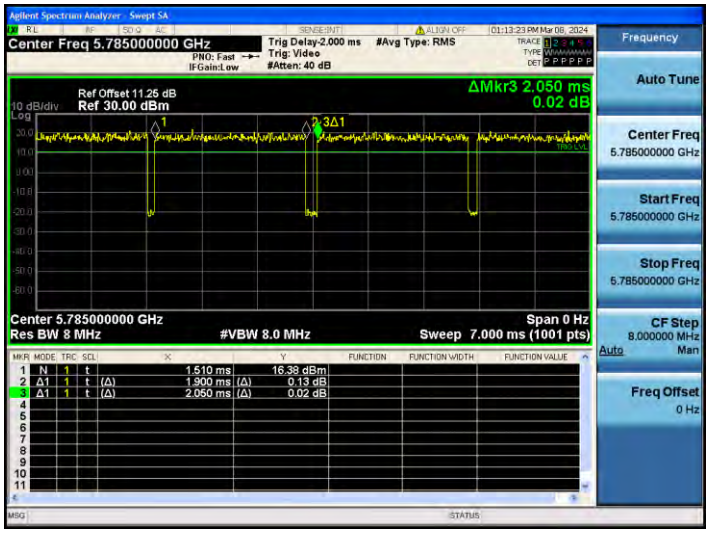

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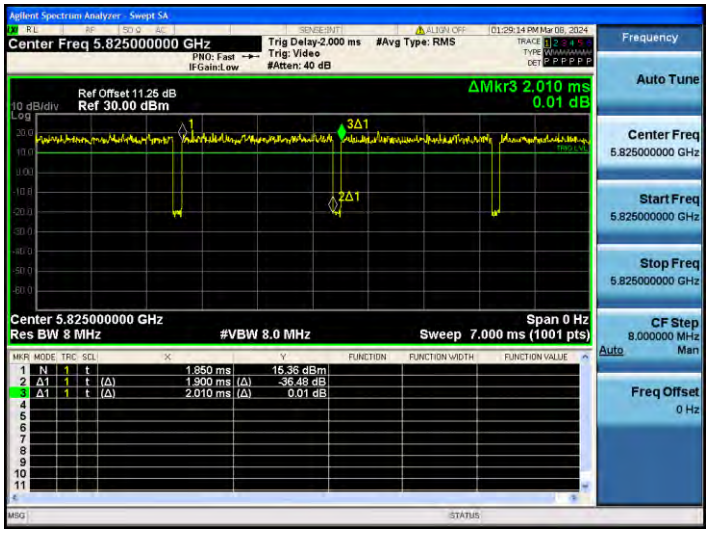

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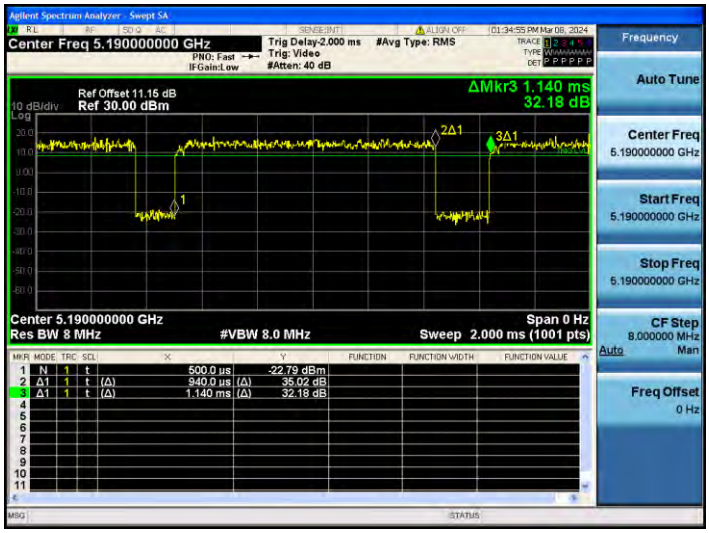

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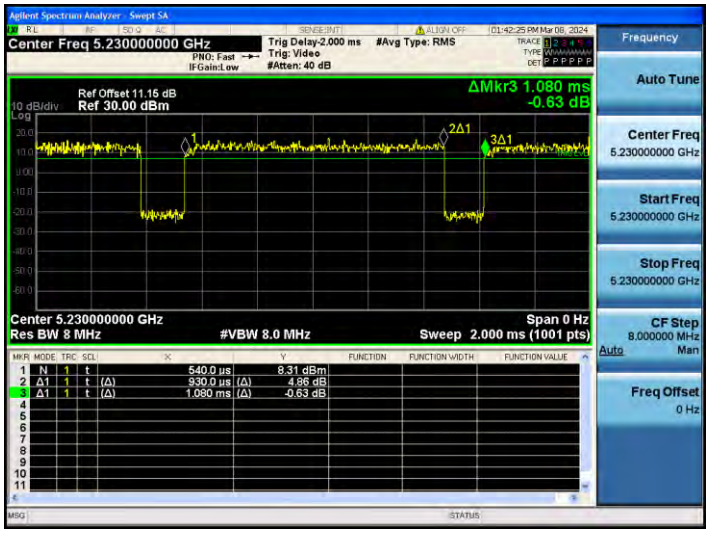

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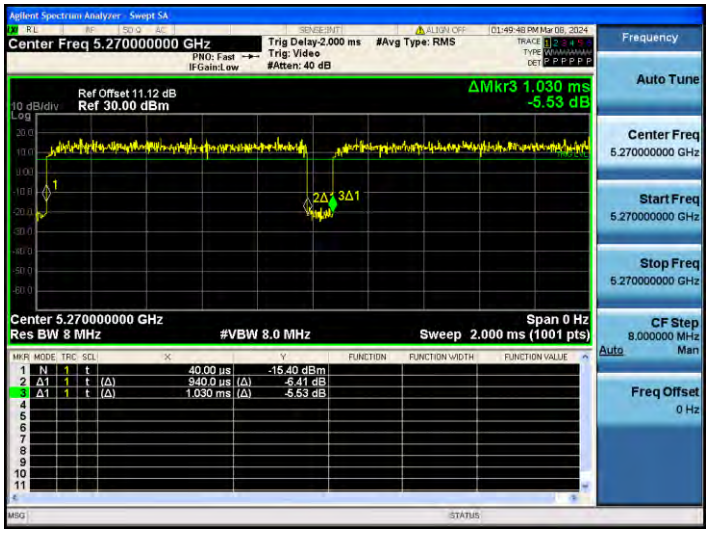

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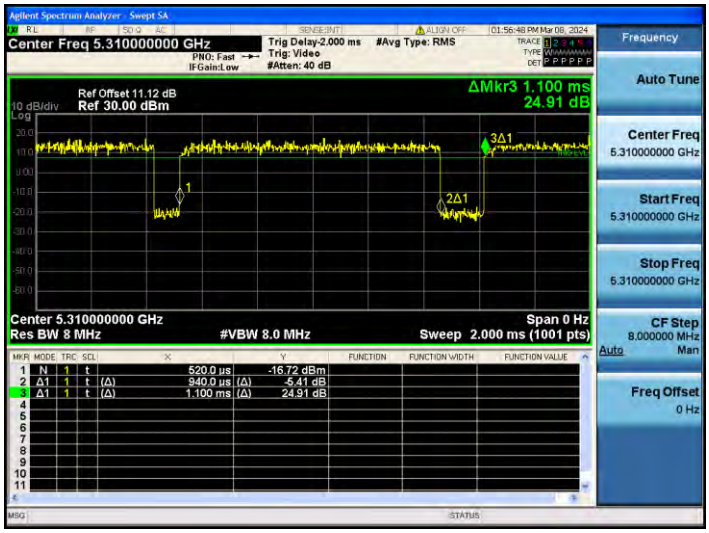

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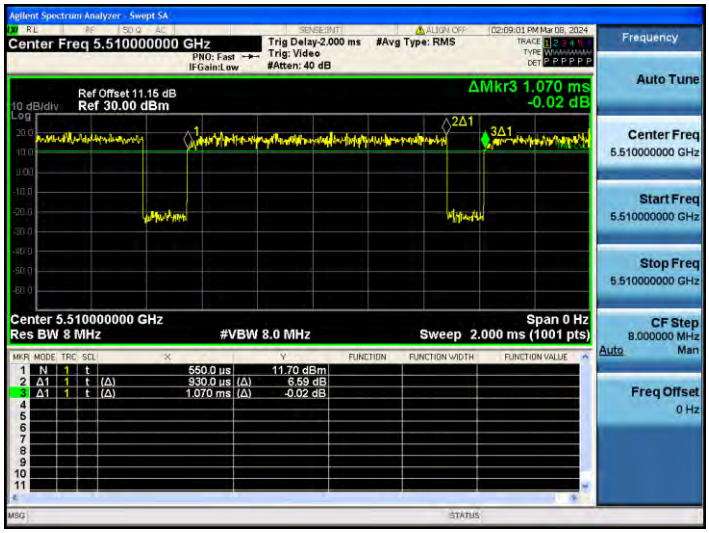

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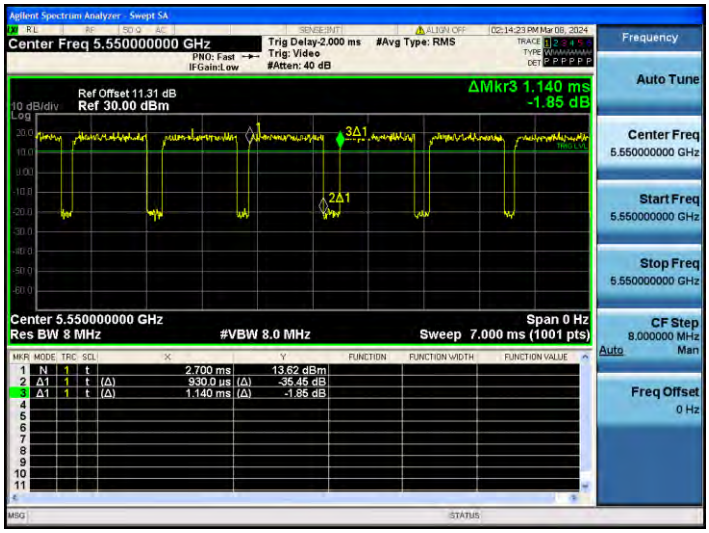

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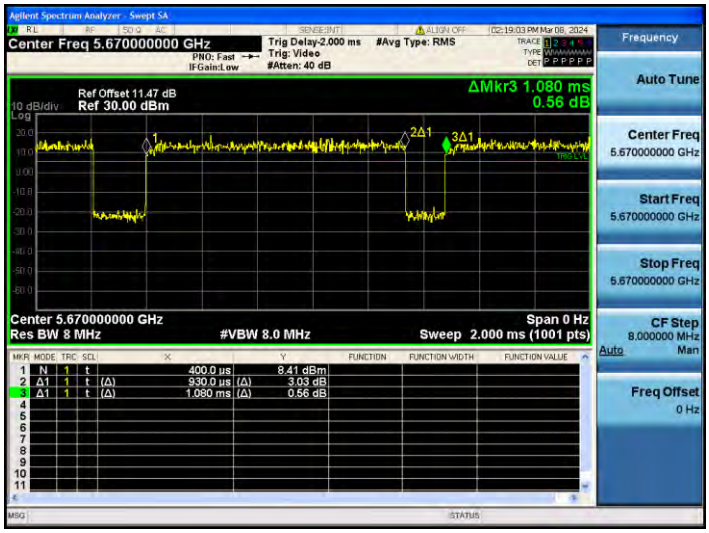

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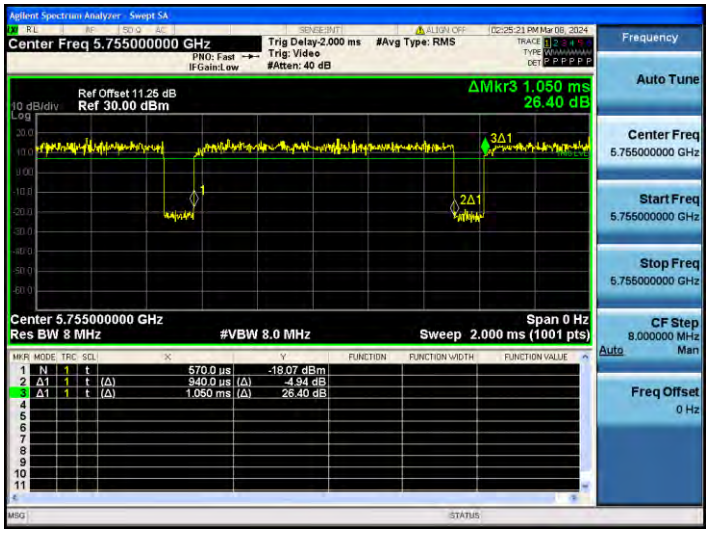

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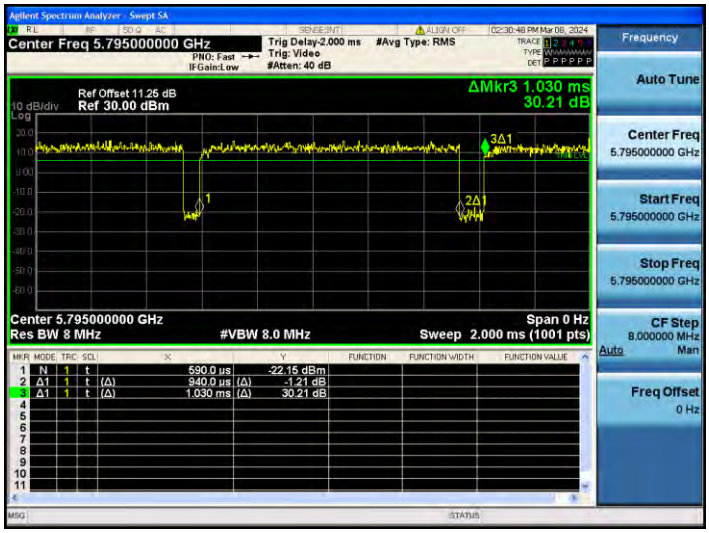

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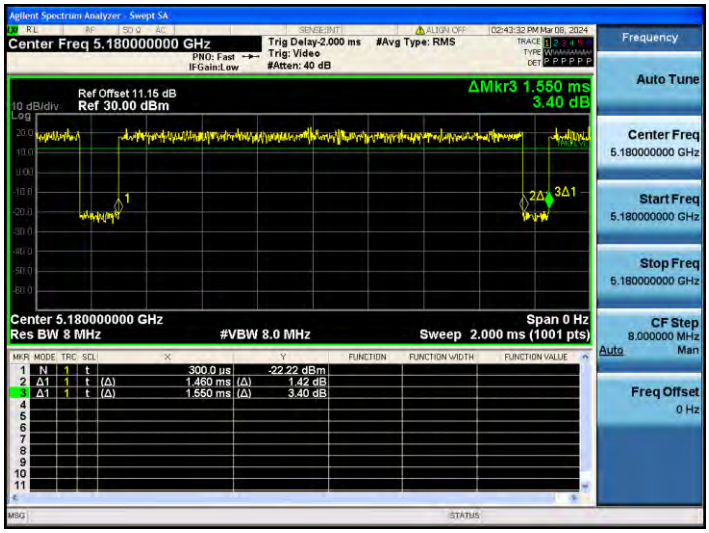

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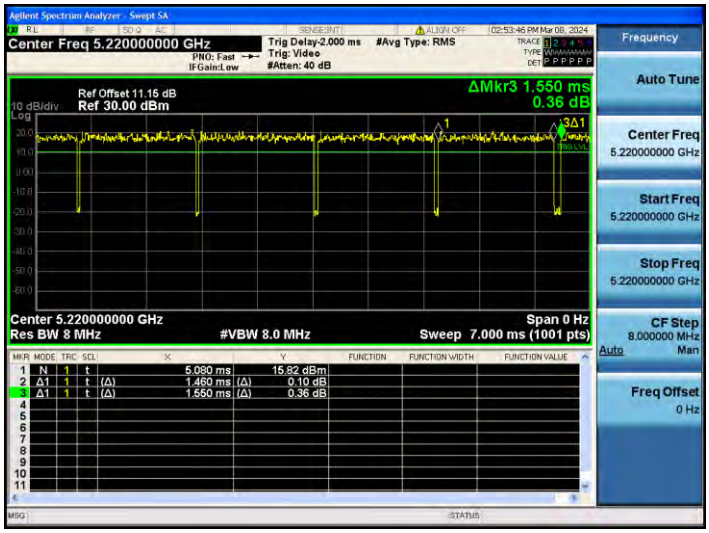

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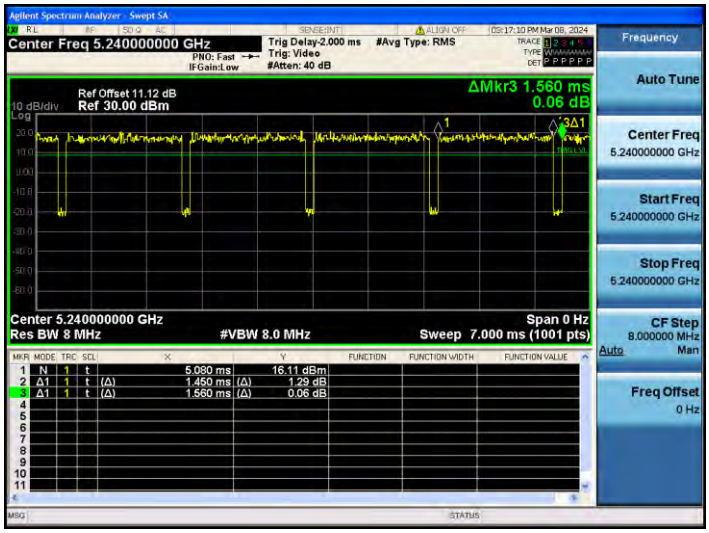

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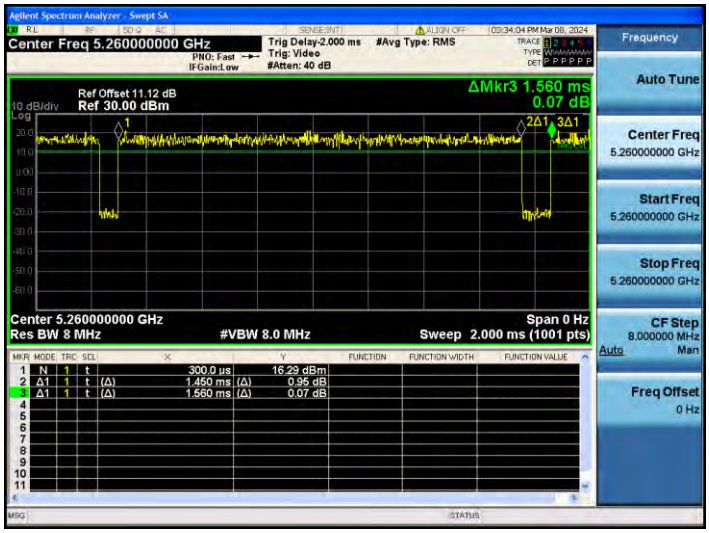

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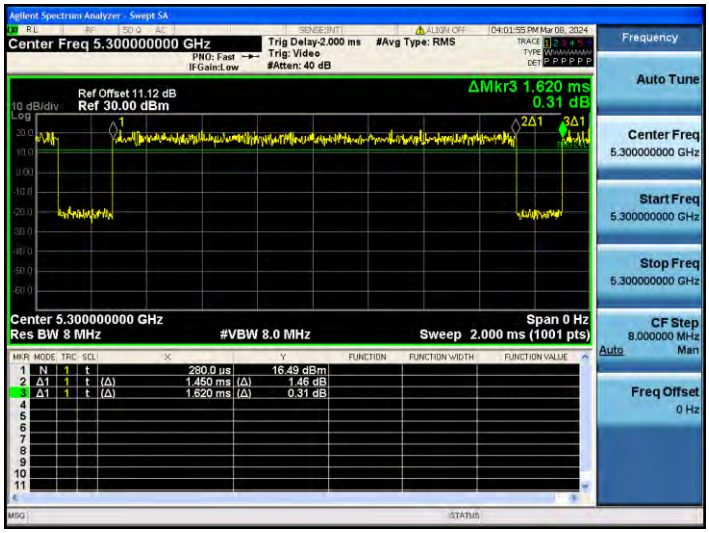

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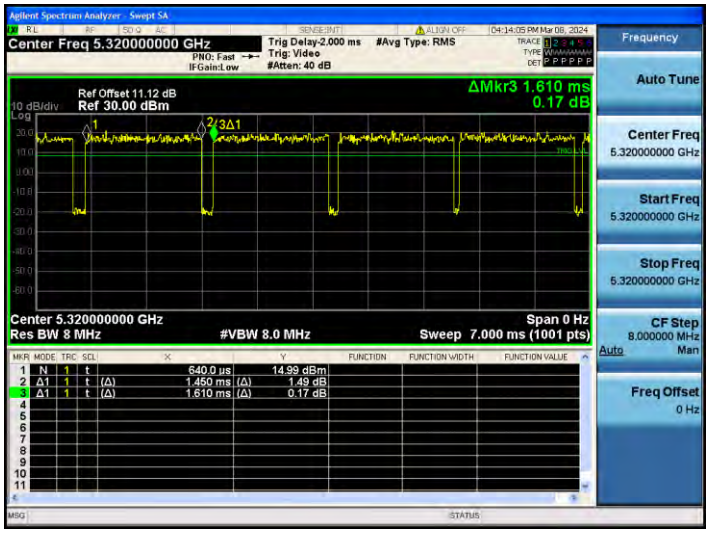

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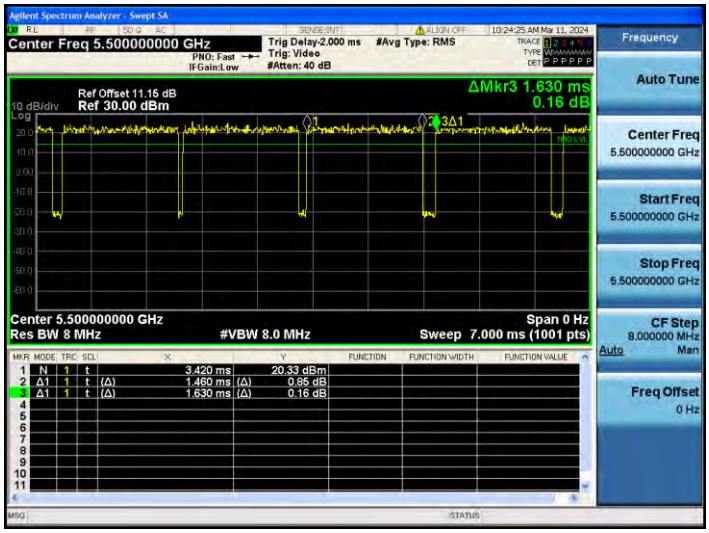

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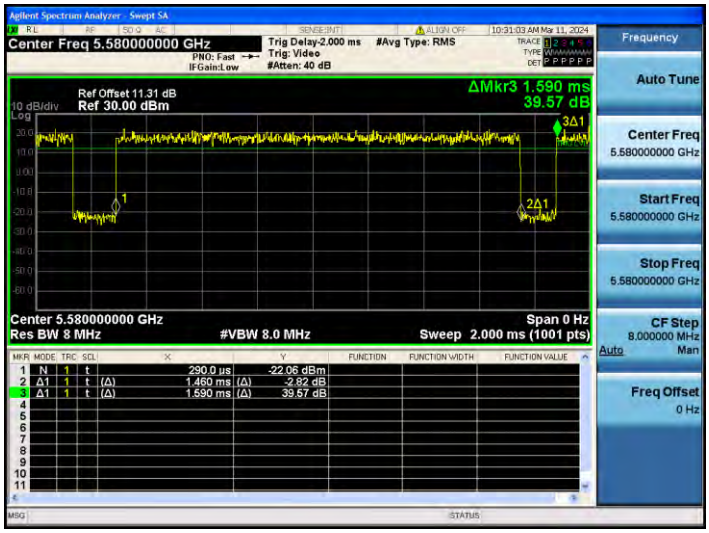

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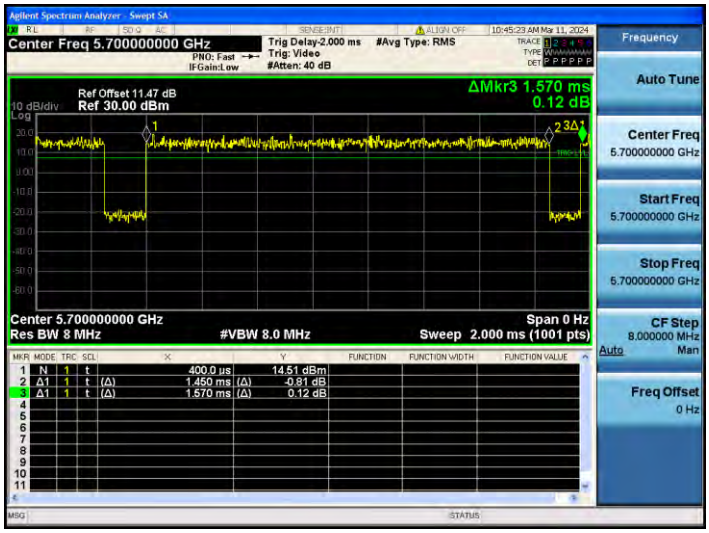

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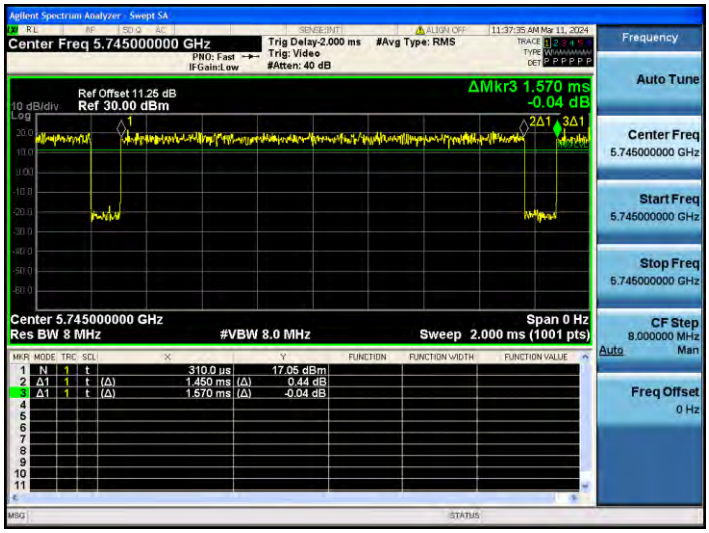

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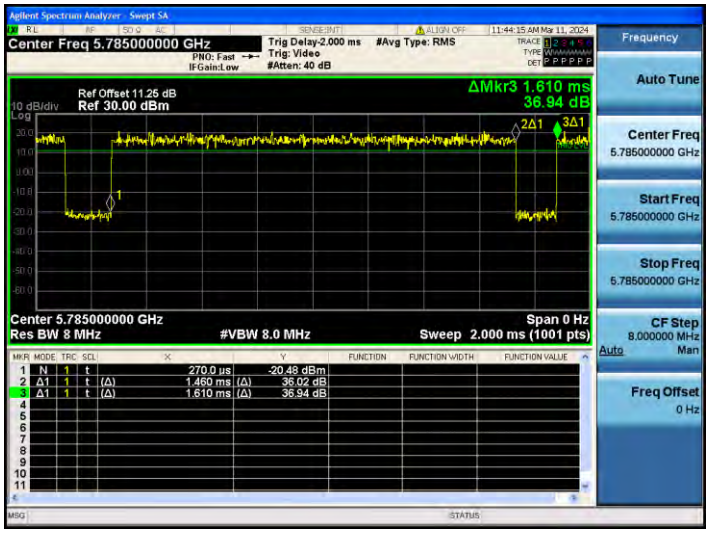

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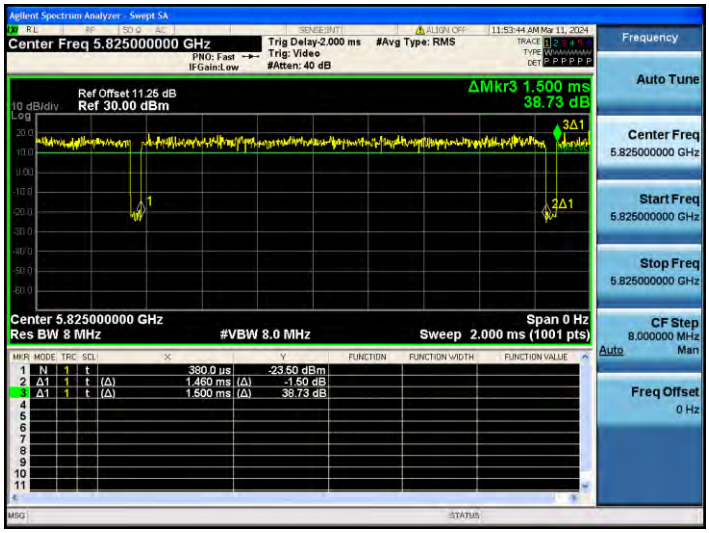

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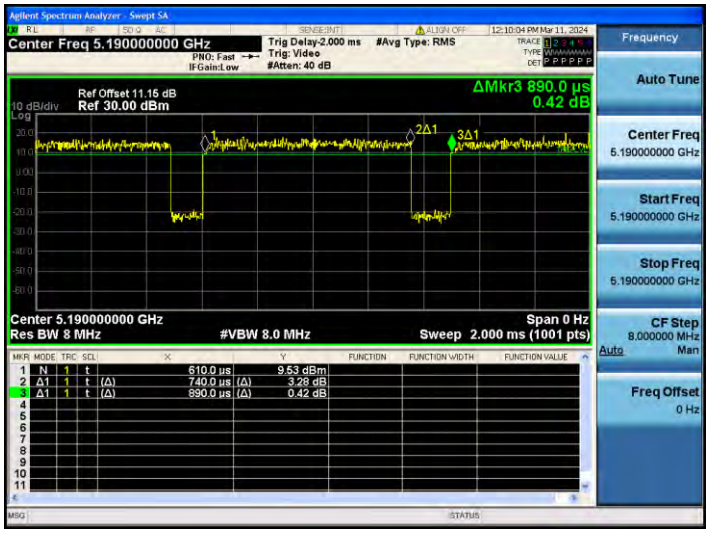

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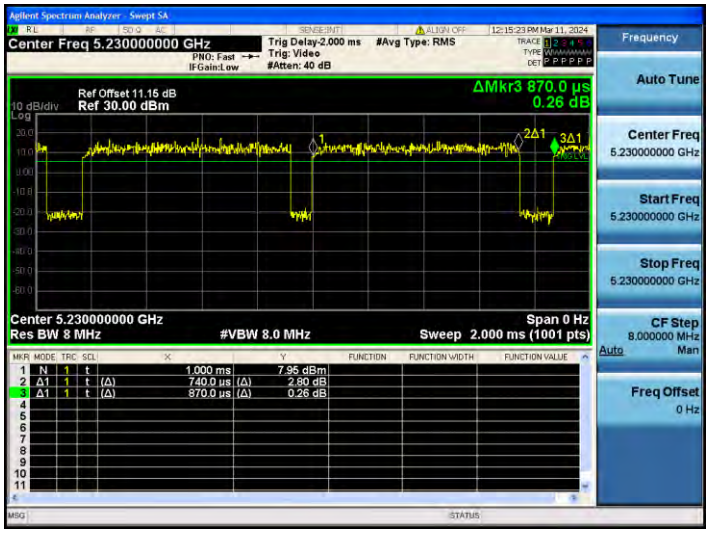

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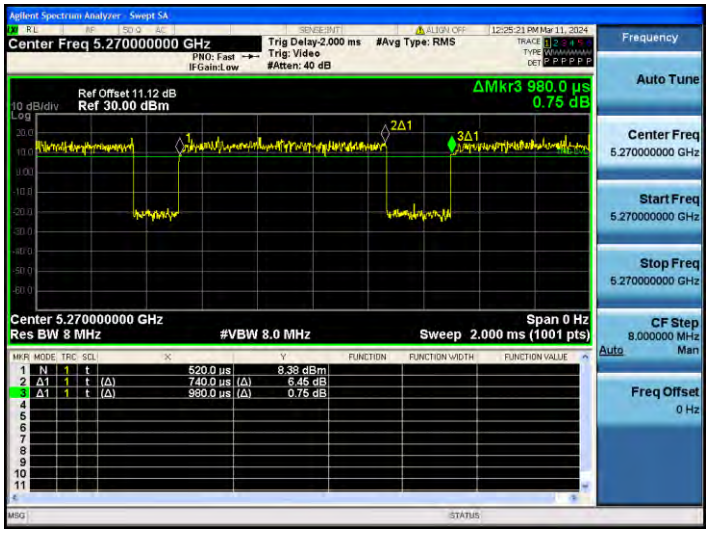

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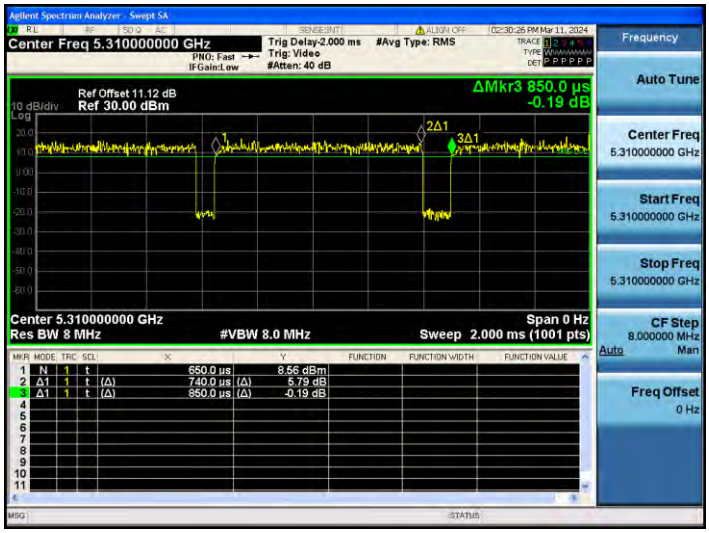

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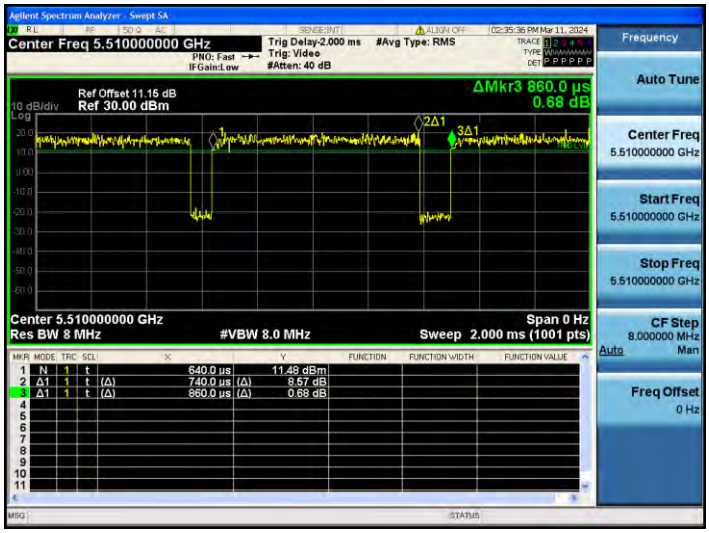

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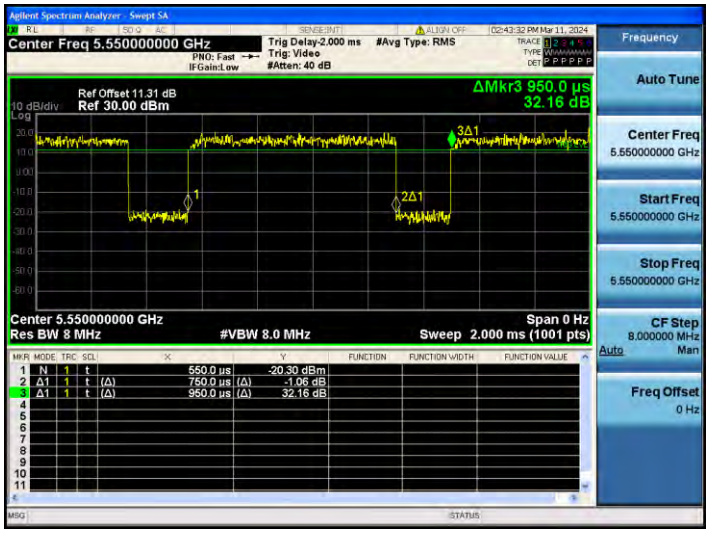

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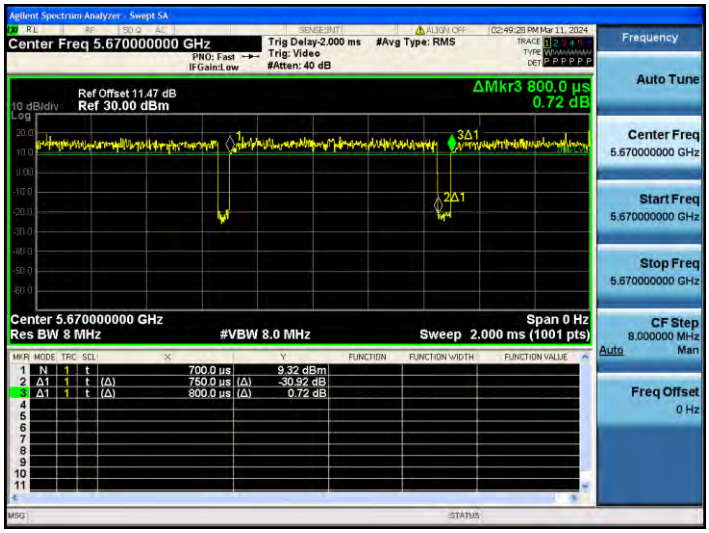

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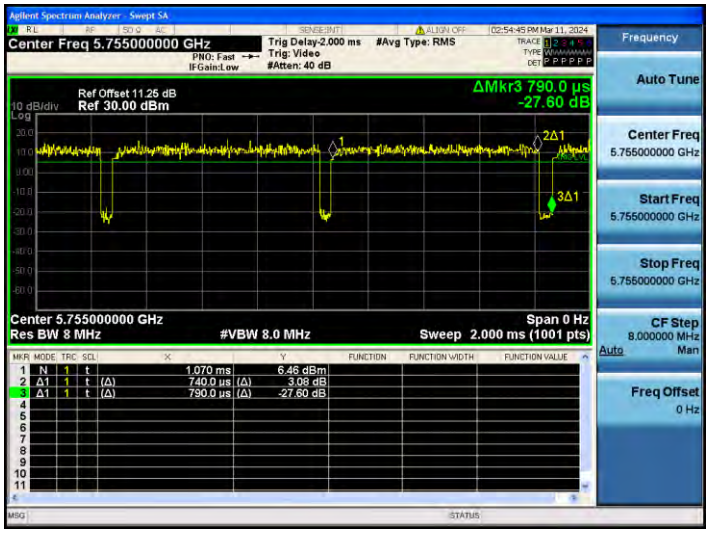

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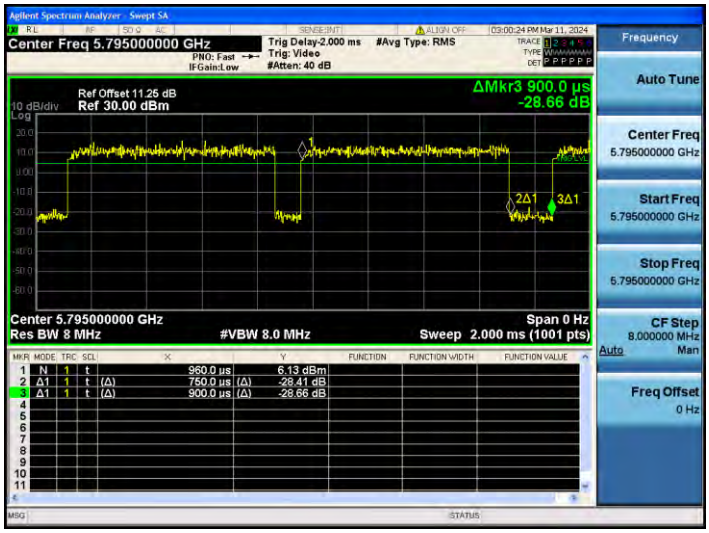
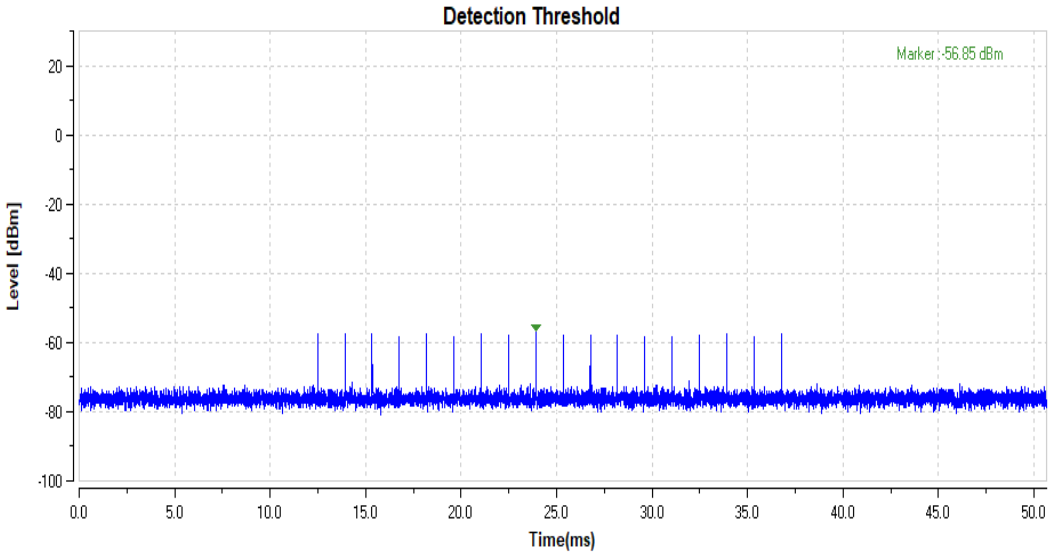
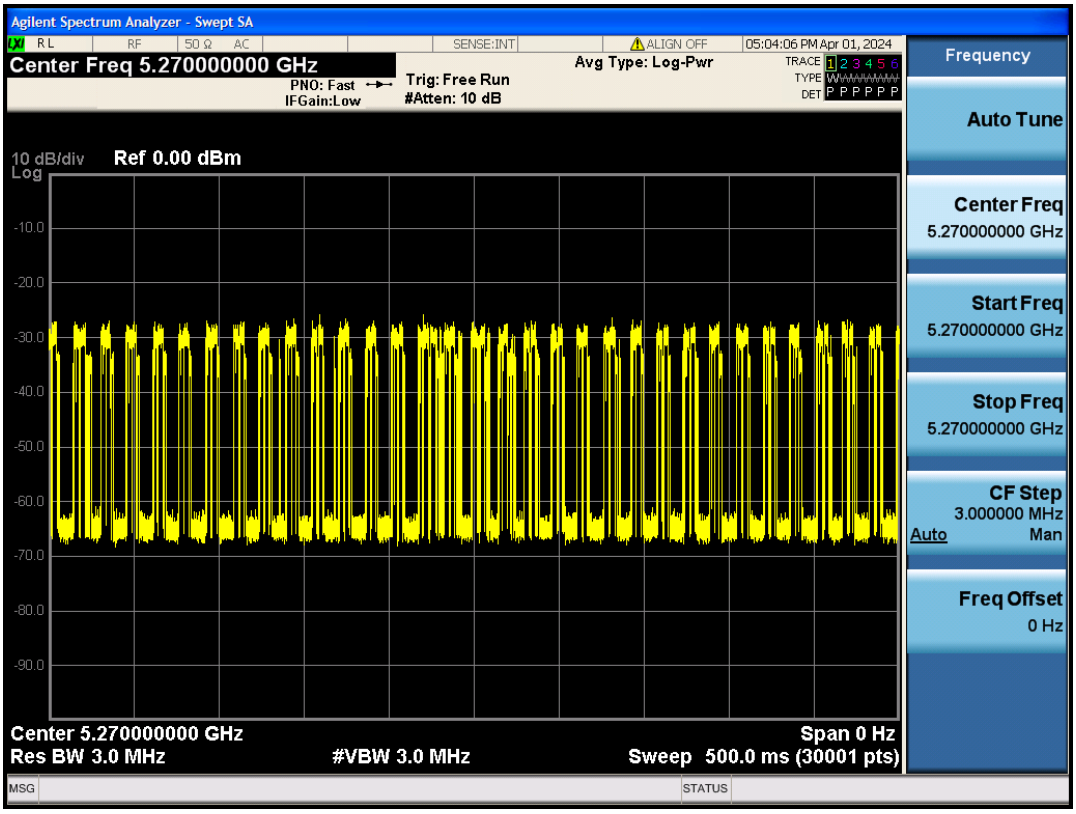

Agilent Spectrum Analyzer - Swept SA
Center Freq 5.795000000 GHz
PNO: Fast
IFGain:Low
Trig Delay-2.000 ms
Trig: Video
#Atten: 40 dB
#Avg Type: RMS
03:00:24 PM Mar 11, 2024
Frequency
Auto Tune
Ref Offset 11.26 dB
10 dB/div
Ref 30.00 dBm
ΔMkr3 900.0 µs
-28.66 dB
2Δ1
3Δ1
Center Freq
5.795000000 GHz
Start Freq
5.795000000 GHz
Stop Freq
5.795000000 GHz
Center 5.795000000 GHz
Span 0 Hz
Res BW 8 MHz
#VBW 8.0 MHz
Sweep 2.000 ms (1001 pts)
CF Step
8.000000 MHz
Auto
Man
Freq Offset
0 Hz
1 N 1 t 960.0 µs 6.13 dBm
2 Δ1 1 t (Δ) 750.0 µs (Δ) -28.41 dB
3 Δ1 1 t (Δ) 900.0 µs (Δ) -28.66 dB
MSG
STATUS

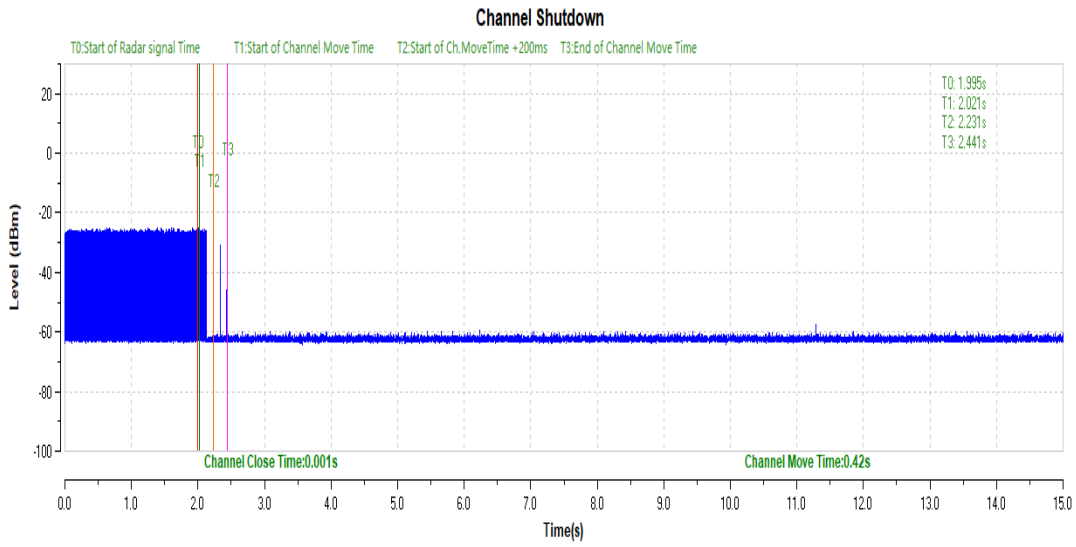
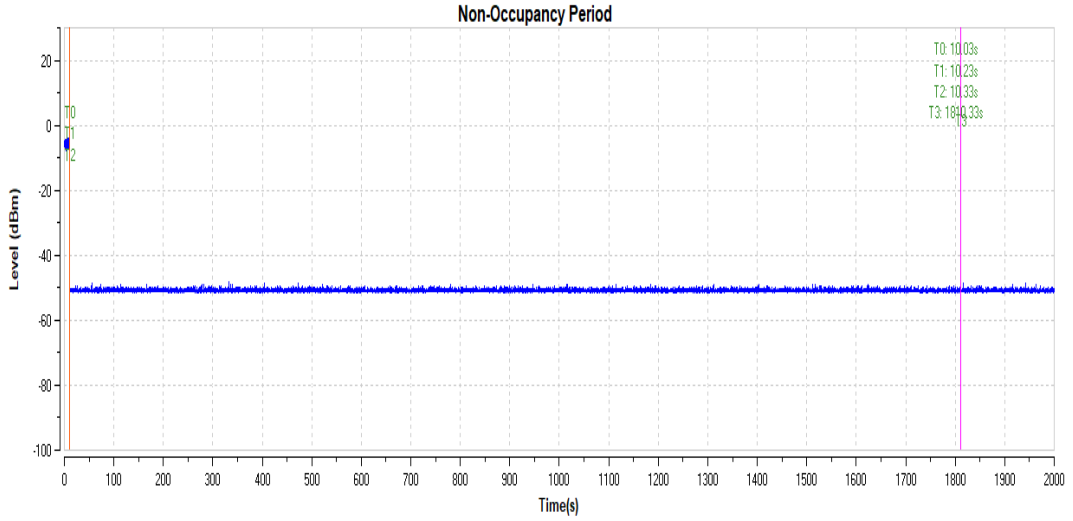
Appendix F: DFS

Test Result

Test Case: Detection Threshold
Channel: 5270
Result: PASS Value: FCC_Type0-Trial Threshold Level：-56.85 dBm

Test Case: Channel Loading 42.57%
Mode: 11N20
Channel:5270



Test Case: Channel Shutdown
Mode: 11N40
Channel: 5270
Result: PASS Value:Channel Move Time:0.42S,Channel Close Time:0.026S



Test Case: Non-Occupancy Period
Mode: 11N40
Channel: 5270
Result: PASS