



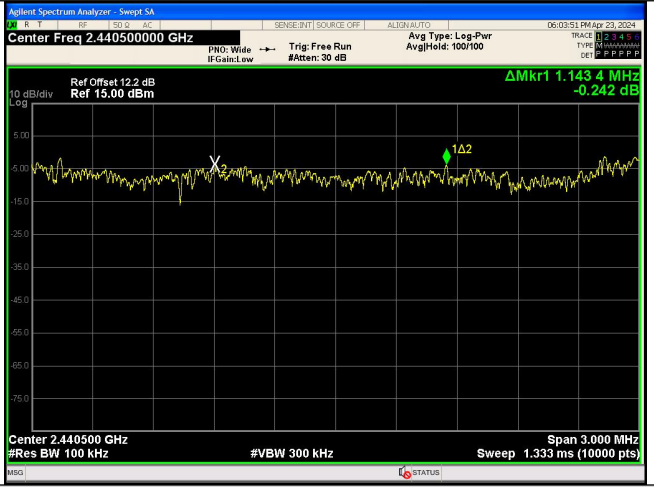
$\pi/4$ DQPSK



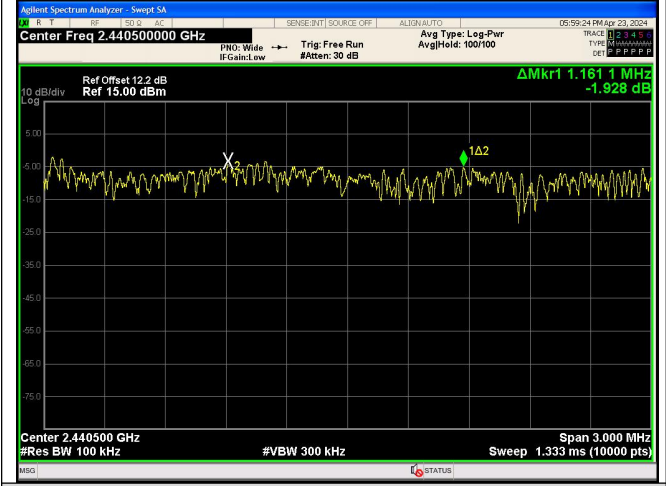
$\pi/4$ DQPSK



8DPSK



8DPSK



8DPSK

APPENDIX V. Conducted Out Of Band Emission**Test Result****Non-Hopping**

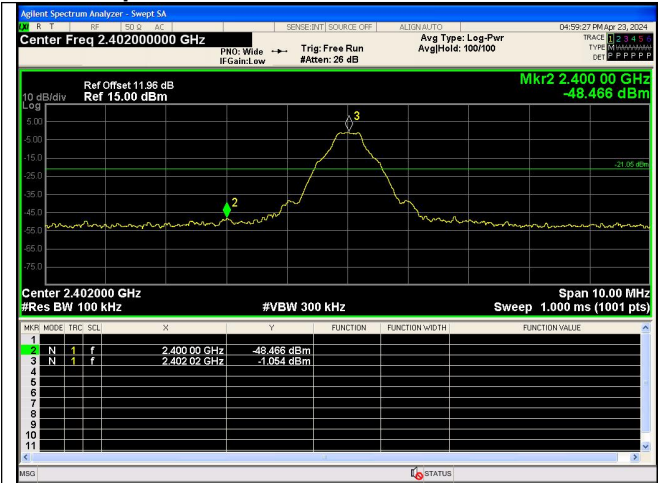
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-48.466	-21.05	-27.416	PASS
			4803.76	-44.531	-21.05	-23.481	PASS
			7205.93	-49.761	-21.05	-28.711	PASS
			9608.11	-45.404	-21.05	-24.354	PASS
			24940.1	-45.145	-21.05	-24.095	PASS
		39	4881.79	-43.578	-20.81	-22.768	PASS
			7323.30	-51.378	-20.81	-30.568	PASS
			9764.17	-44.143	-20.81	-23.333	PASS
			24968.2	-45.944	-20.81	-25.134	PASS
		78	2483.50	-52.203	-20.92	-31.283	PASS
			4959.83	-44.213	-20.92	-23.293	PASS
			7440.03	-49.802	-20.92	-28.882	PASS
			9920.24	-45.142	-20.92	-24.222	PASS
			24903.9	-45.807	-20.92	-24.887	PASS
$\pi/4$ DQPSK	2-DH5	0	2400.00	-48.689	-21.14	-27.549	PASS
			4803.76	-44.772	-21.14	-23.632	PASS
			7205.93	-52.145	-21.14	-31.005	PASS
			9608.11	-44.931	-21.14	-23.791	PASS
			24922.6	-45.549	-21.14	-24.409	PASS
		39	4881.79	-41.925	-20.92	-21.005	PASS
			7323.30	-49.174	-20.92	-28.254	PASS
			9764.17	-43.718	-20.92	-22.798	PASS
			24983.8	-45.793	-20.92	-24.873	PASS
		78	2483.50	-51.701	-20.94	-30.761	PASS
			4959.83	-44.288	-20.94	-23.348	PASS
			7440.03	-52.380	-20.94	-31.440	PASS
			9920.24	-44.874	-20.94	-23.934	PASS
			24951.3	-46.354	-20.94	-25.414	PASS
8DPSK	3-DH5	0	2400.00	-49.040	-20.79	-28.250	PASS
			4803.76	-44.584	-20.79	-23.794	PASS
			7205.93	-49.680	-20.79	-28.890	PASS
			9608.11	-45.632	-20.79	-24.842	PASS
			24922.0	-46.289	-20.79	-25.499	PASS
		39	4882.42	-62.932	-20.36	-42.572	PASS
			7323.30	-54.718	-20.36	-34.358	PASS
			9764.17	-45.541	-20.36	-25.181	PASS
			24978.8	-45.723	-20.36	-25.363	PASS
		78	2483.50	-51.448	-20.57	-30.878	PASS
			4959.83	-45.231	-20.57	-24.661	PASS
			7440.03	-54.114	-20.57	-33.544	PASS
			9920.24	-44.527	-20.57	-23.957	PASS
			24933.8	-44.385	-20.57	-23.815	PASS

Hopping

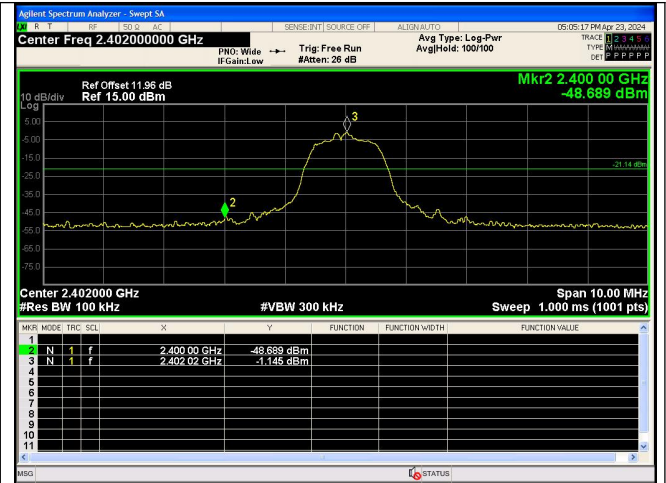
Hopping							
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2400.00	-48.686	-21.19	-27.496	PASS
			2483.50	-51.283	-21.08	-30.203	PASS
			2400.00	-49.496	-21.2	-28.296	PASS
			2483.50	-50.321	-21.03	-29.291	PASS
			2396.81	-48.983	-21.16	-27.823	PASS
			2400.00	-50.198	-21.16	-29.038	PASS
π/4DQPSK	2-DH5		2483.50	-51.376	-21.14	-30.236	PASS
			2398.69	-49.224	-21.38	-27.844	PASS
			2400.00	-50.475	-21.38	-29.095	PASS
			2483.50	-48.980	-20.92	-28.060	PASS
			2395.74	-49.268	-21.09	-28.178	PASS
			2400.00	-50.091	-21.09	-29.001	PASS

8DPSK	3-DH5		2483.50	-50.626	-20.94	-29.686	PASS
			2398.55	-48.866	-21.25	-27.616	PASS
			2400.00	-49.245	-21.25	-27.995	PASS
			2483.50	-49.944	-21.0	-28.944	PASS
			2396.36	-49.630	-21.02	-28.610	PASS
			2400.00	-49.955	-21.02	-28.935	PASS
			2483.50	-50.684	-20.71	-29.974	PASS
			2396.40	-49.115	-20.97	-28.145	PASS
			2400.00	-50.847	-20.97	-29.877	PASS
			2483.50	-51.016	-20.77	-30.246	PASS
			2398.78	-49.721	-20.89	-28.831	PASS
			2400.00	-50.716	-20.89	-29.826	PASS
			2483.50	-50.770	-22.29	-28.480	PASS

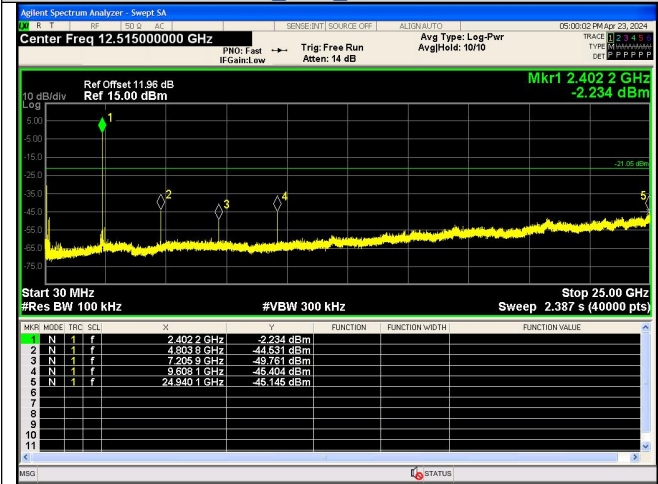
Test Graphs



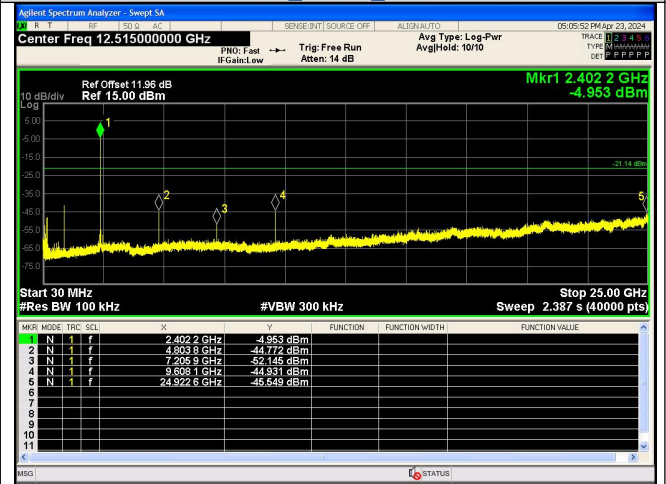
Out Of Band Emission
GFSK_DH5_Channel 0



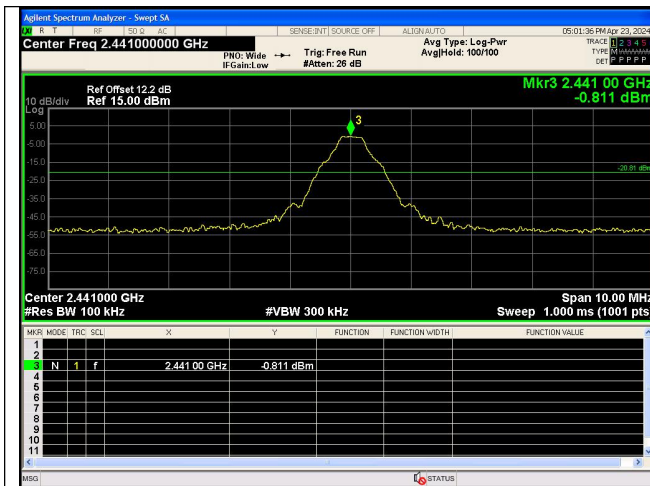
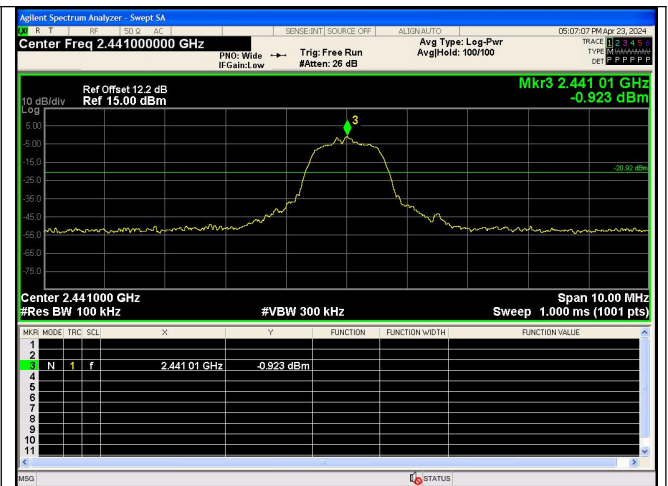
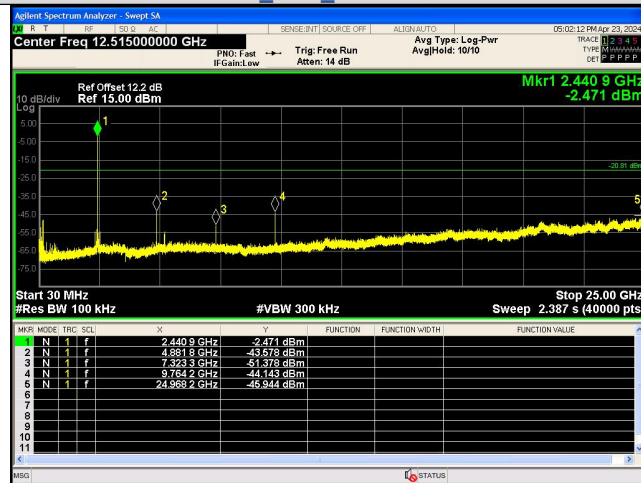
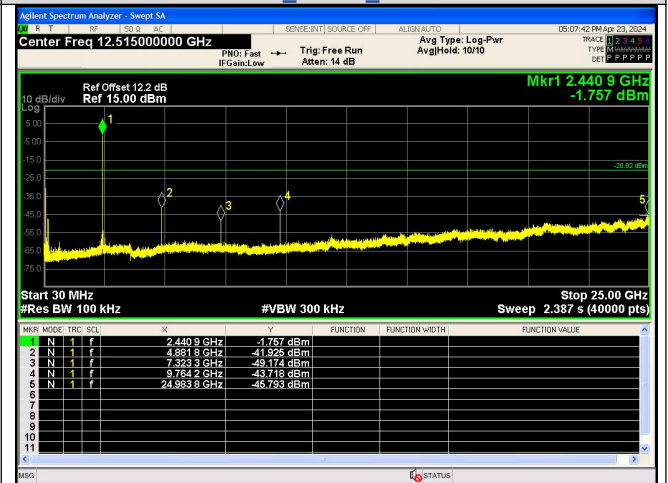
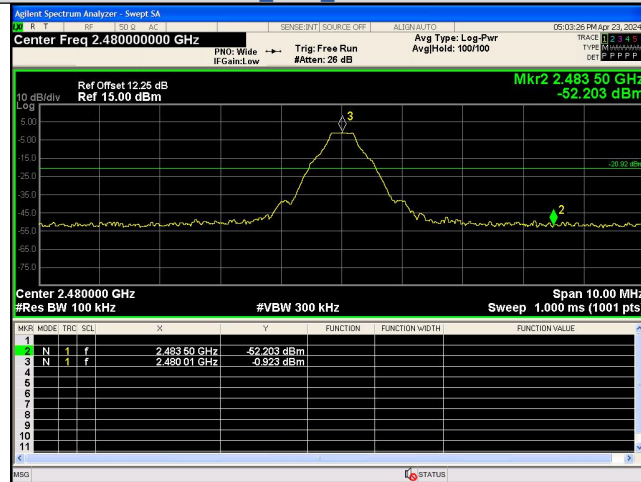
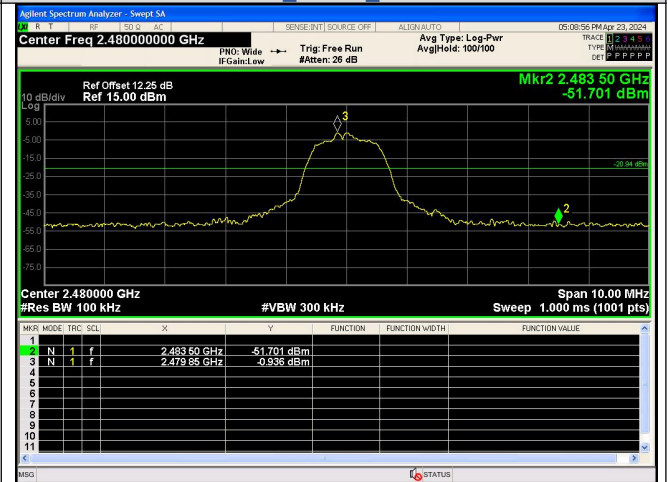
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 0

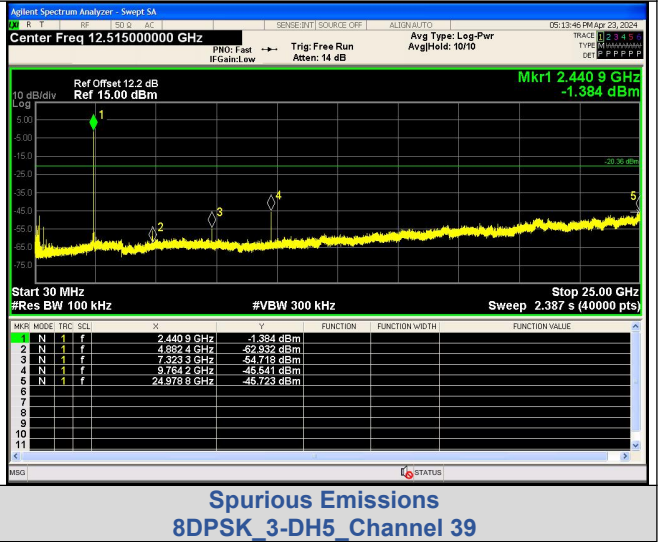
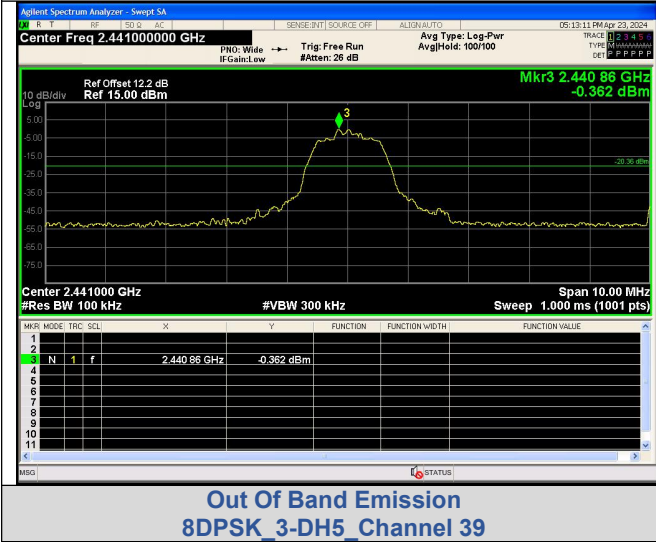
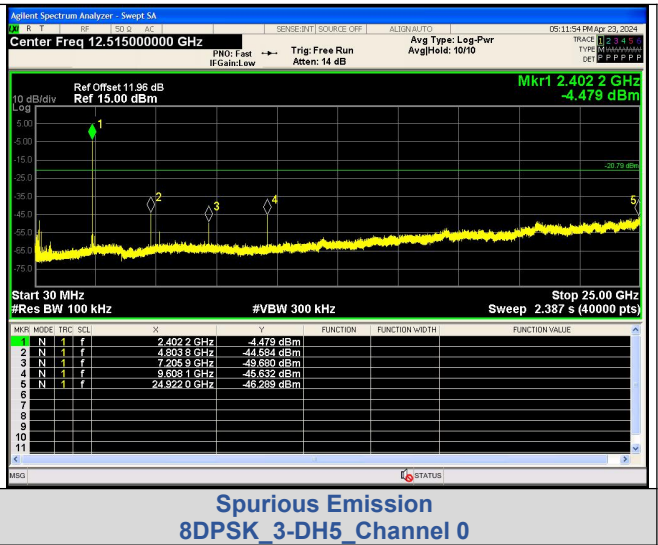
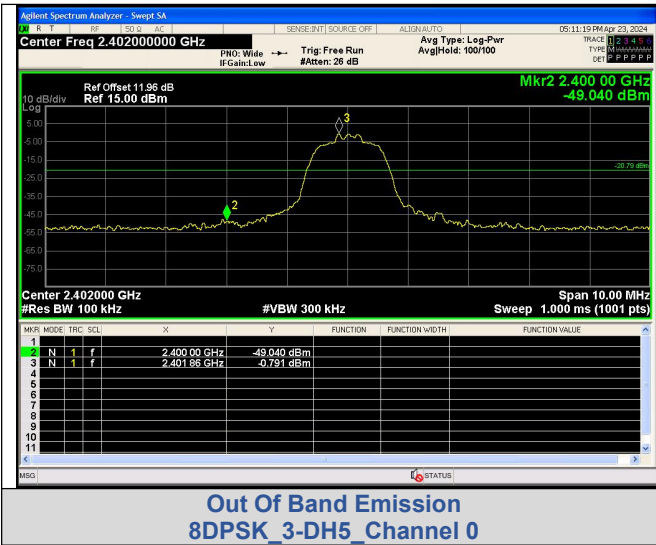
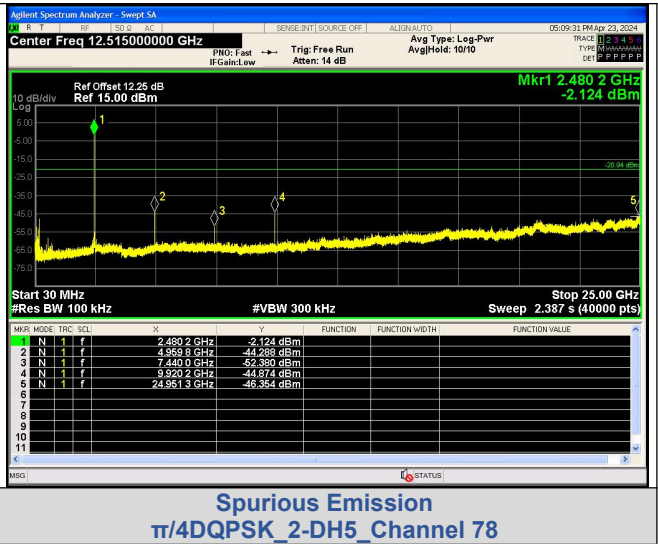
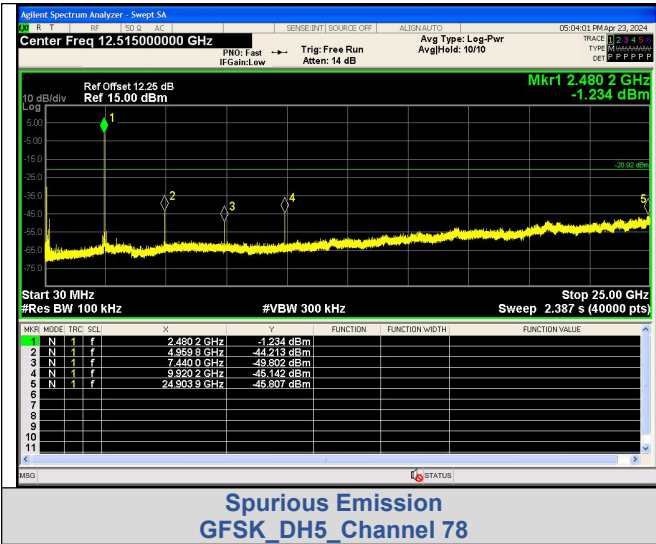


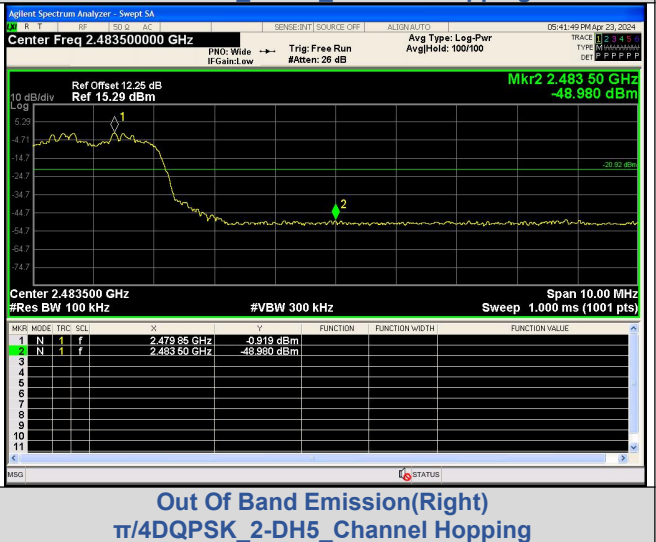
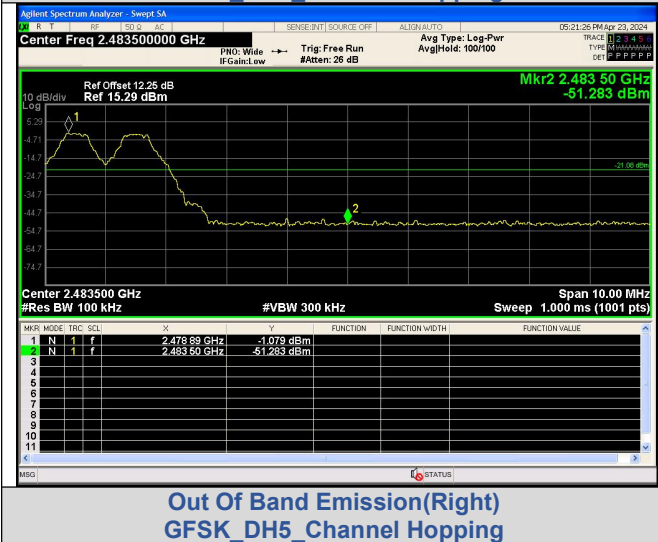
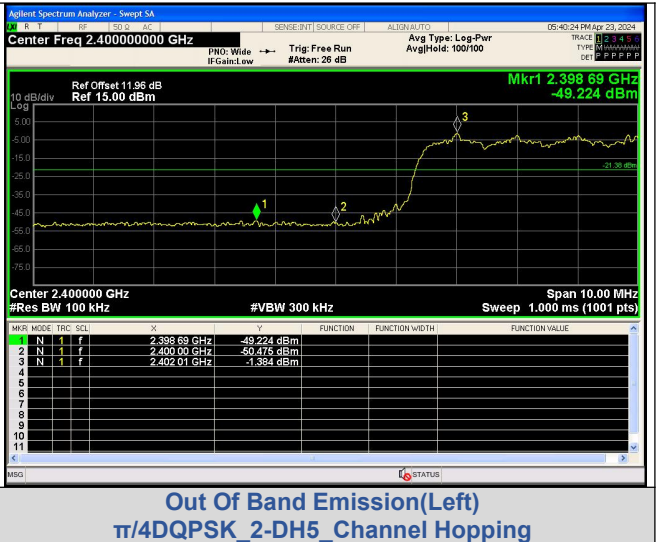
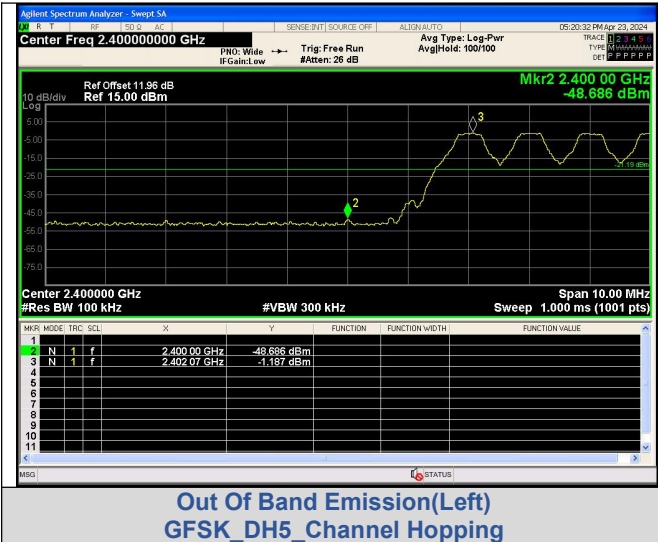
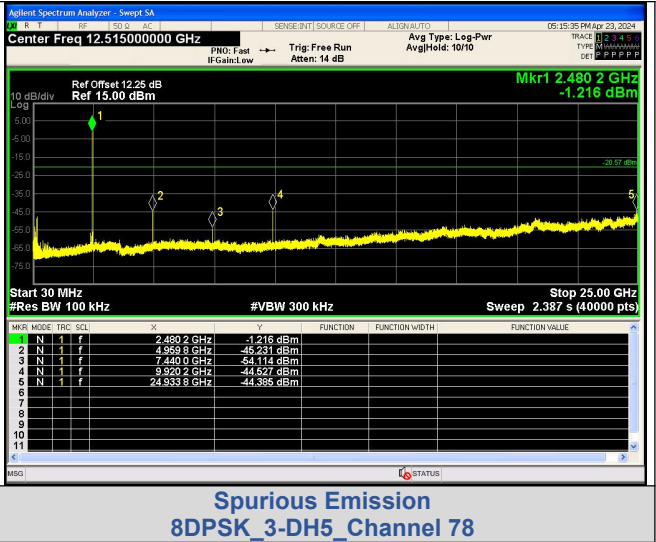
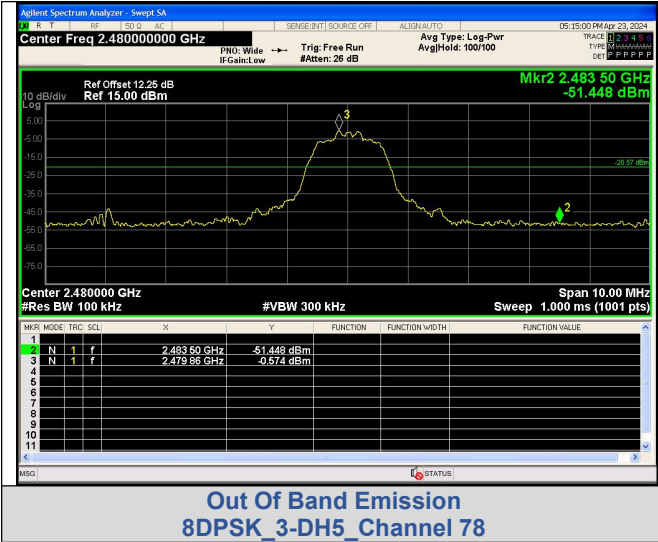
Spurious Emission
GFSK_DH5_Channel 0

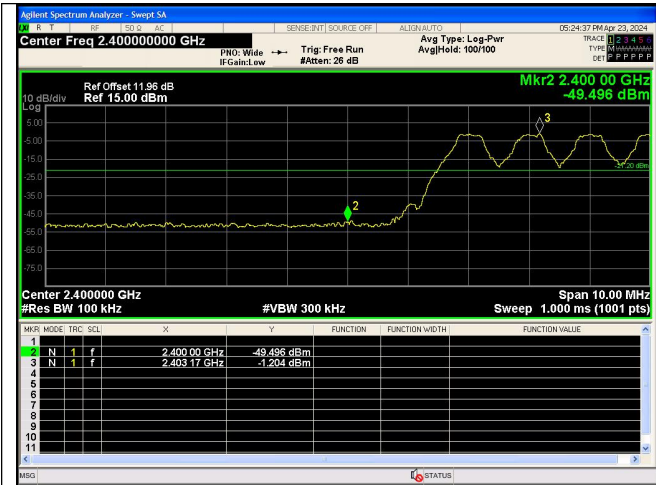


Spurious Emission
 $\pi/4$ DQPSK_2-DH5_Channel 0

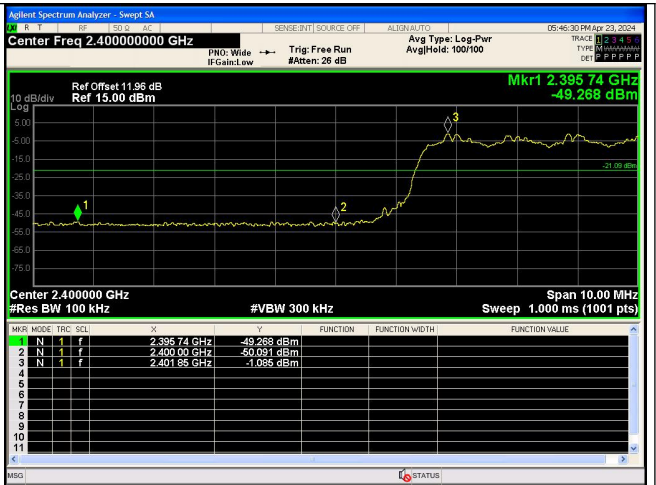
Out Of Band Emission
GFSK_DH5_Channel 39Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 39Spurious Emissions
GFSK_DH5_Channel 39Spurious Emissions
 $\pi/4$ DQPSK_2-DH5_Channel 39Out Of Band Emission
GFSK_DH5_Channel 78Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78



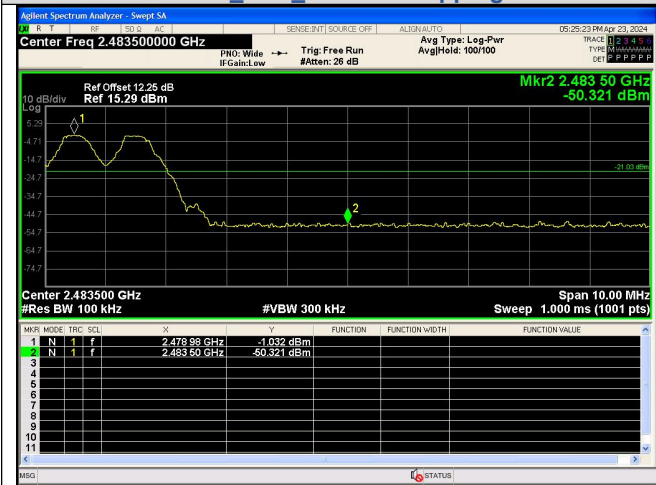




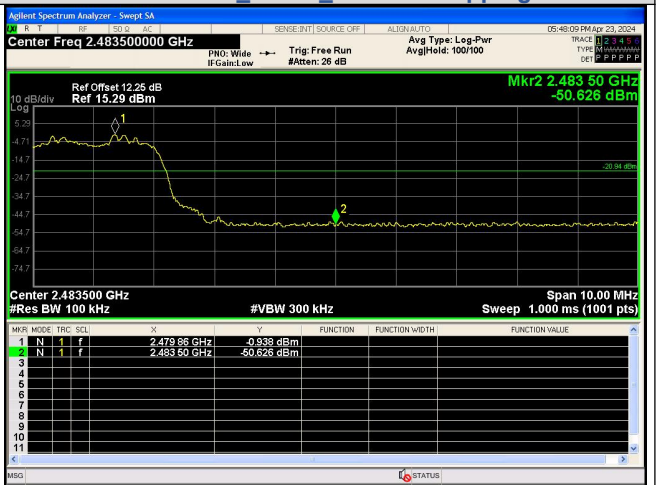
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



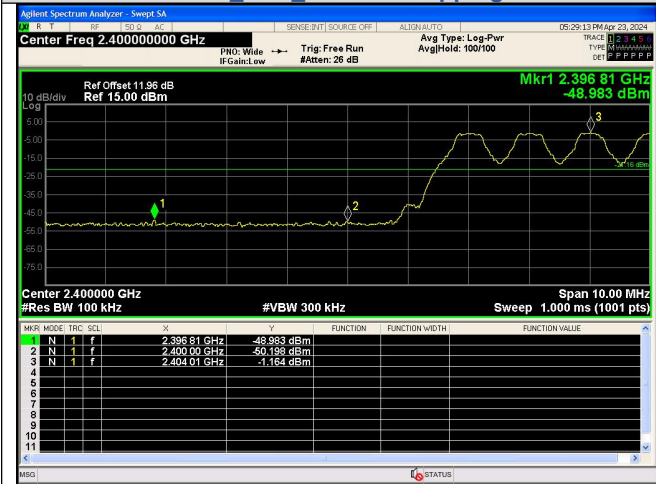
Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



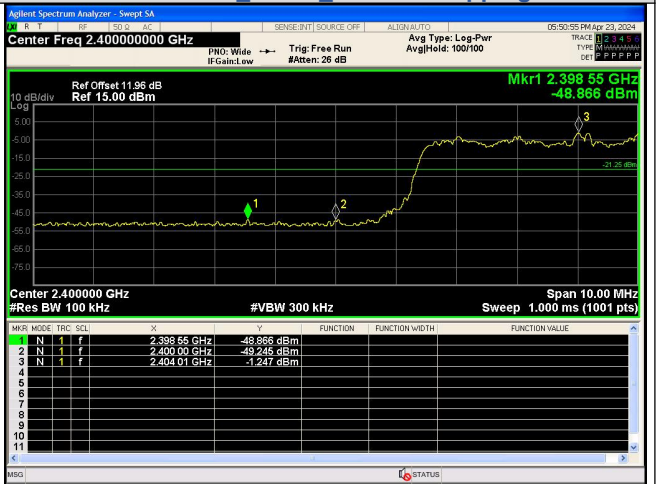
Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



Out Of Band Emission(Right)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping