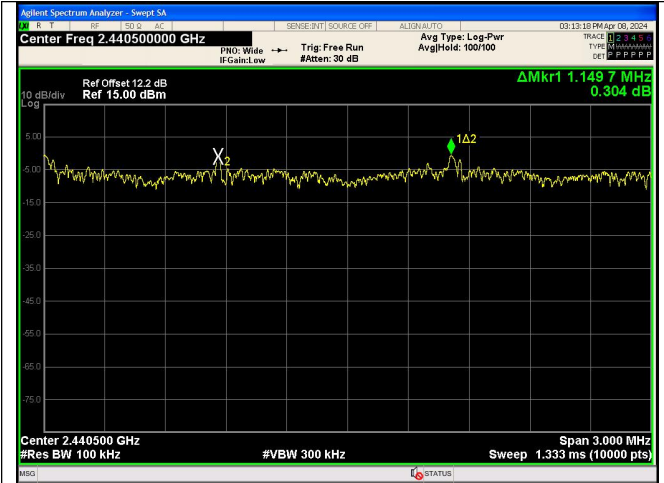
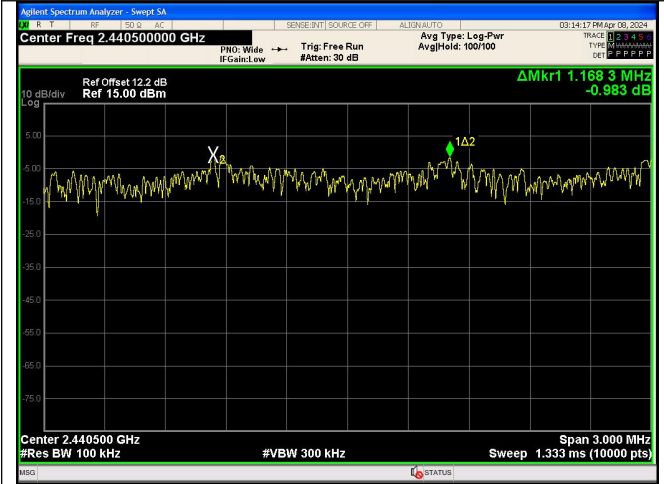




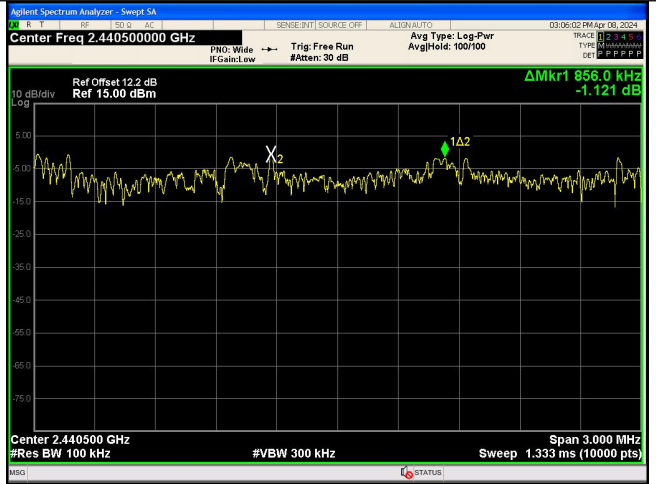
$\pi/4$ DQPSK



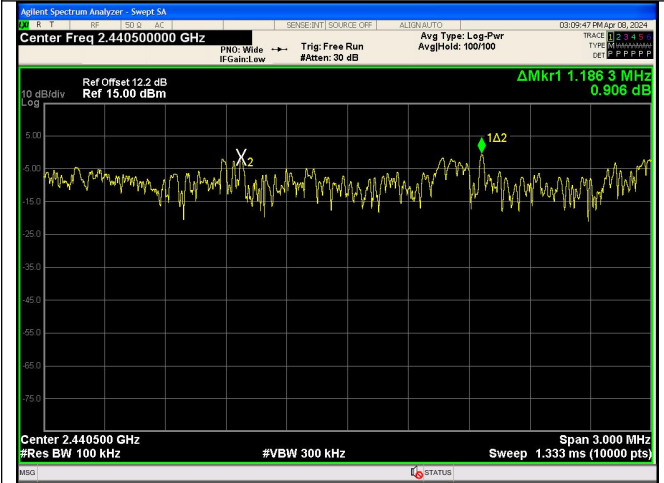
$\pi/4$ DQPSK



8DPSK



8DPSK



8DPSK

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

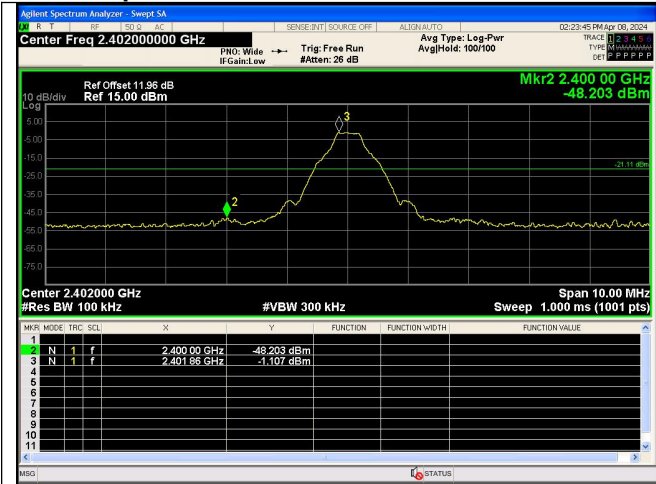
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-48.203	-21.11	-27.093	PASS
			4803.76	-44.115	-21.11	-23.005	PASS
			7205.93	-49.312	-21.11	-28.202	PASS
			9608.11	-46.057	-21.11	-24.947	PASS
			24919.5	-45.687	-21.11	-24.577	PASS
		39	4881.79	-43.783	-20.81	-22.973	PASS
			7323.30	-49.981	-20.81	-29.171	PASS
			9764.17	-44.495	-20.81	-23.685	PASS
			24843.3	-45.540	-20.81	-24.730	PASS
		78	2483.50	-51.796	-20.87	-30.926	PASS
			4959.83	-45.120	-20.87	-24.250	PASS
			7440.03	-49.333	-20.87	-28.463	PASS
π /4DQPSK	2-DH5	0	2400.00	-49.588	-21.1	-28.488	PASS
			4803.76	-43.973	-21.1	-22.873	PASS
			7205.93	-52.662	-21.1	-31.562	PASS
			9608.11	-45.985	-21.1	-24.885	PASS
			24942.6	-46.378	-21.1	-25.278	PASS
		39	4881.79	-44.161	-20.64	-23.521	PASS
			7322.67	-54.716	-20.64	-34.076	PASS
			9764.17	-44.655	-20.64	-24.015	PASS
			24970.7	-46.065	-20.64	-25.425	PASS
		78	2483.50	-52.150	-20.85	-31.300	PASS
			4959.83	-45.035	-20.85	-24.185	PASS
			7440.66	-52.442	-20.85	-31.592	PASS
8DPSK	3-DH5	0	2400.00	-48.725	-20.9	-27.825	PASS
			4803.76	-45.550	-20.9	-24.650	PASS
			7206.56	-54.627	-20.9	-33.727	PASS
			9608.11	-46.725	-20.9	-25.825	PASS
			24897.0	-45.097	-20.9	-24.197	PASS
		39	4881.79	-44.330	-20.39	-23.940	PASS
			7322.67	-51.001	-20.39	-30.611	PASS
			9764.17	-44.694	-20.39	-24.304	PASS
			24958.8	-44.858	-20.39	-24.468	PASS
		78	2483.50	-51.425	-20.5	-30.925	PASS
			4959.83	-44.392	-20.5	-23.892	PASS
			7440.03	-53.837	-20.5	-33.337	PASS
			9920.24	-46.550	-20.5	-26.050	PASS
			24561.8	-45.526	-20.5	-25.026	PASS

Hopping

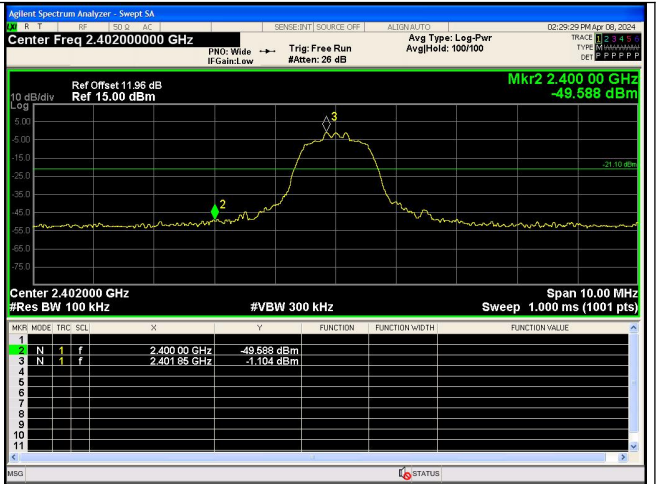
Hopping							
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2395.09	-48.973	-21.22	-27.753	PASS
			2400.00	-50.999	-21.22	-29.779	PASS
			2483.50	-49.377	-20.95	-28.427	PASS
			2395.38	-49.021	-21.09	-27.931	PASS
			2400.00	-49.448	-21.09	-28.358	PASS
			2483.50	-51.031	-21.06	-29.971	PASS
			2396.91	-48.679	-21.26	-27.419	PASS
			2400.00	-50.308	-21.26	-29.048	PASS
π/4DQPSK	2-DH5	Hopping	2483.50	-49.683	-20.97	-28.713	PASS
			2395.30	-49.105	-21.11	-27.995	PASS
			2400.00	-49.813	-21.11	-28.703	PASS
			2483.50	-50.928	-20.91	-30.018	PASS

8DPSK	3-DH5		2397.75	-49.458	-21.45	-28.008	PASS
			2400.00	-51.069	-21.45	-29.619	PASS
			2483.50	-50.444	-21.68	-28.764	PASS
			2395.42	-49.026	-21.2	-27.826	PASS
			2400.00	-50.641	-21.2	-29.441	PASS
			2483.50	-50.733	-20.82	-29.913	PASS
			2397.73	-47.056	-20.82	-26.236	PASS
			2400.00	-51.223	-20.82	-30.403	PASS
			2483.50	-51.170	-20.57	-30.600	PASS
			2395.07	-49.833	-20.9	-28.933	PASS
			2400.00	-50.249	-20.9	-29.349	PASS
			2483.50	-51.862	-21.75	-30.112	PASS
			2397.61	-48.685	-20.83	-27.855	PASS
			2400.00	-49.280	-20.83	-28.450	PASS
			2483.50	-51.456	-21.47	-29.986	PASS

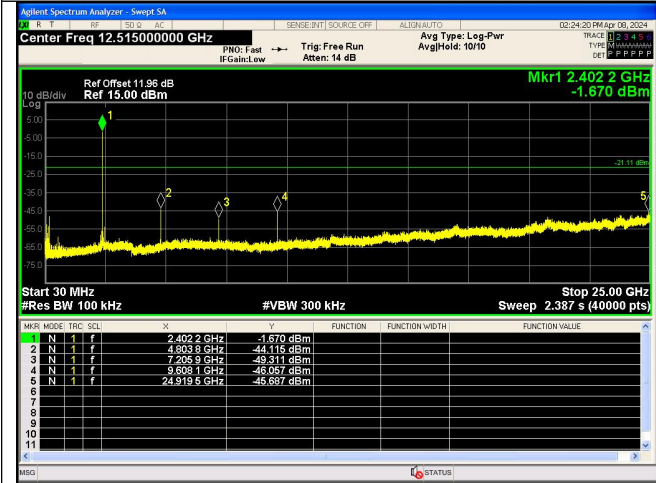
Test Graphs



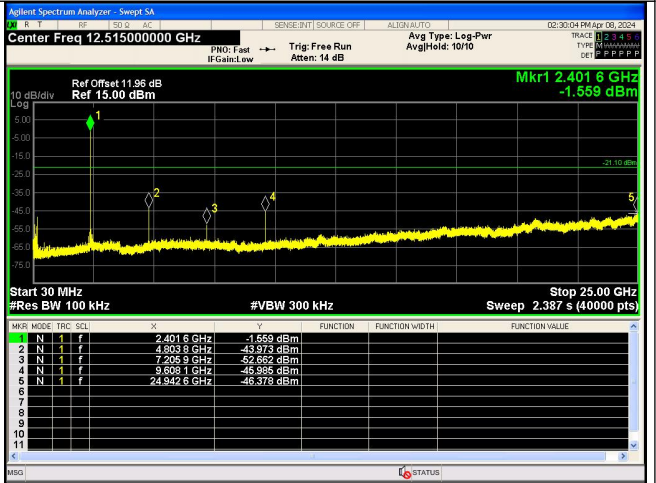
Out Of Band Emission
GFSK_DH5_Channel 0



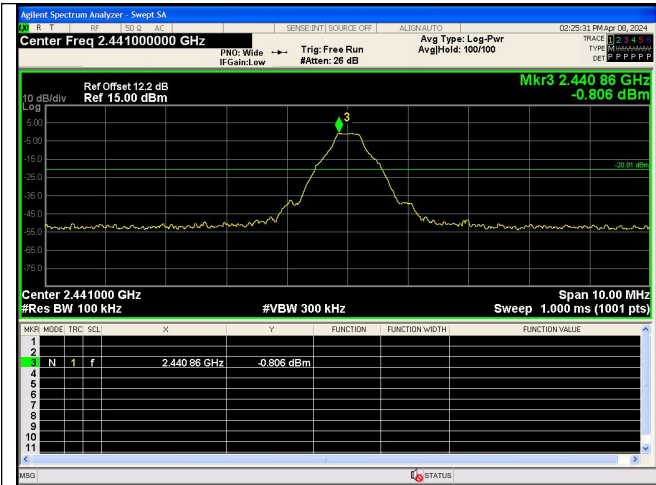
Out Of Band Emission
 π /4DQPSK_2-DH5_Channel 0



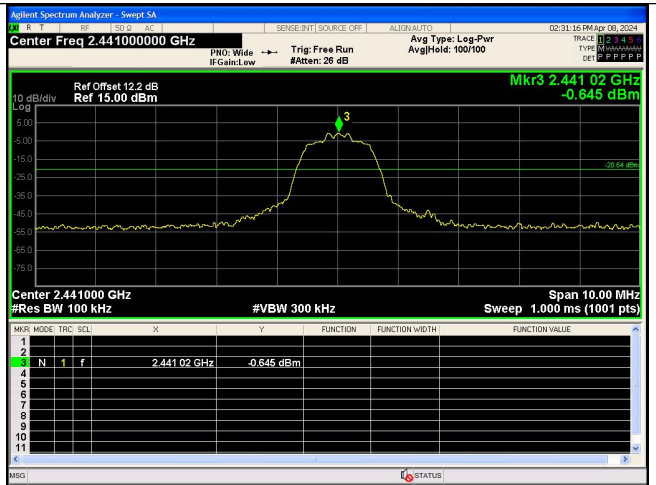
Spurious Emission
GFSK_DH5_Channel 0



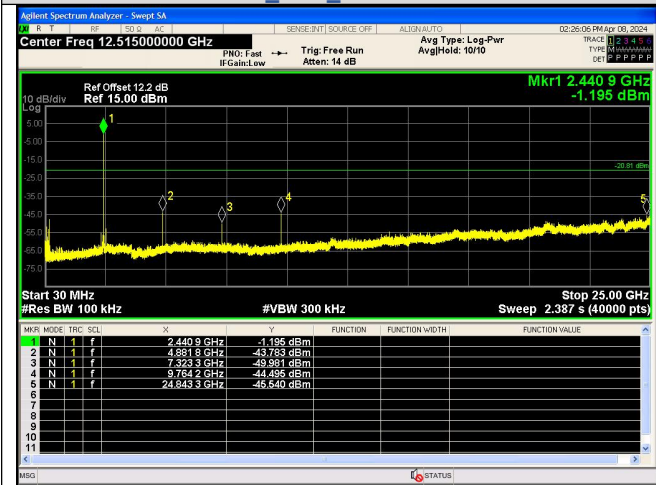
Spurious Emission
 π /4DQPSK_2-DH5_Channel 0



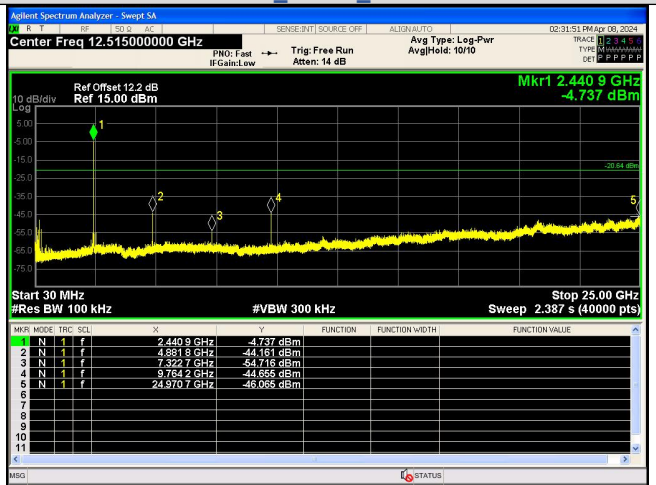
Out Of Band Emission
GFSK_DH5_Channel 39



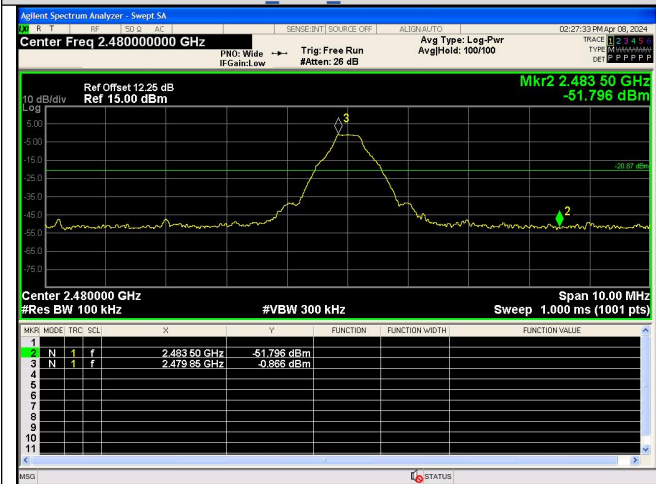
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 39



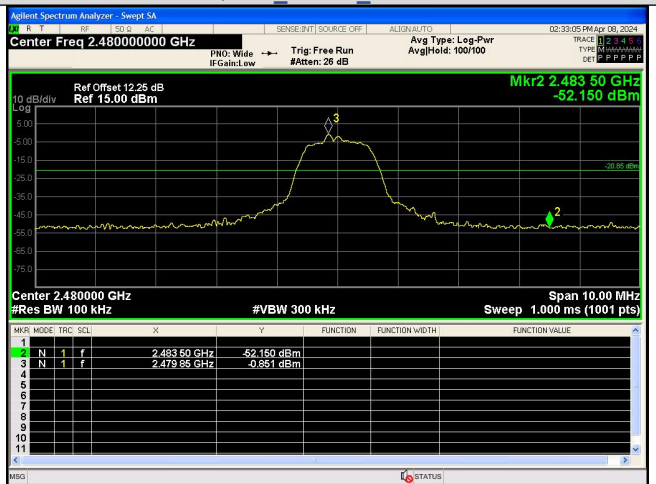
Spurious Emissions
GFSK_DH5_Channel 39



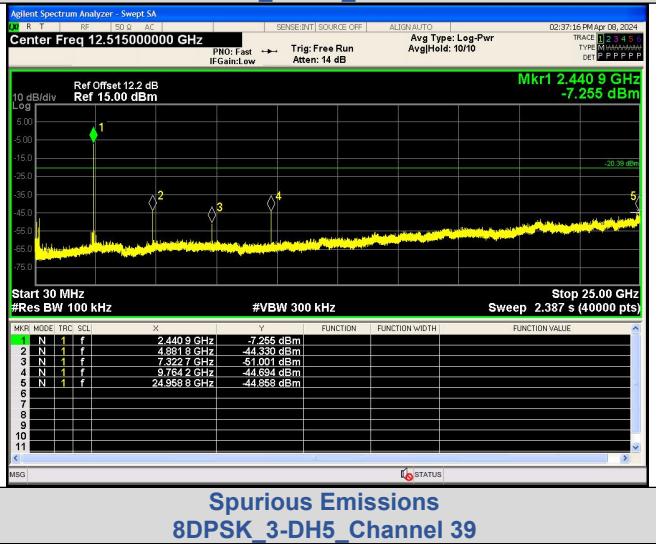
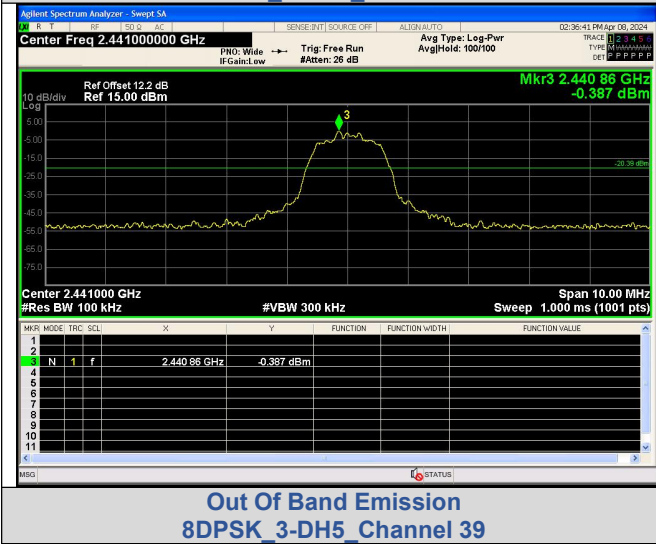
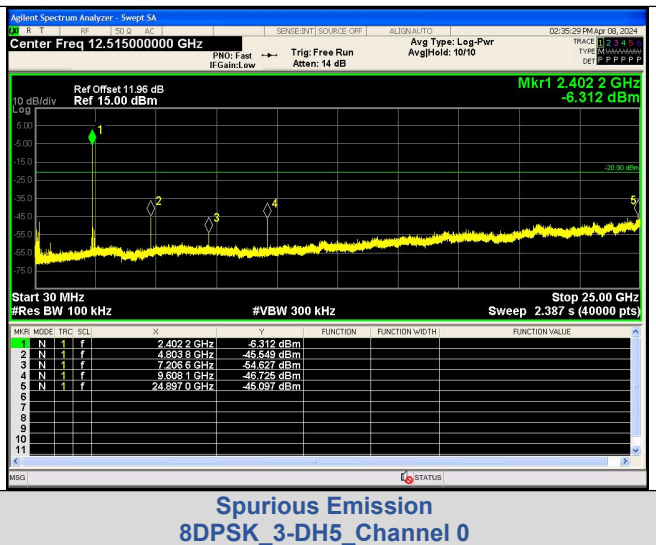
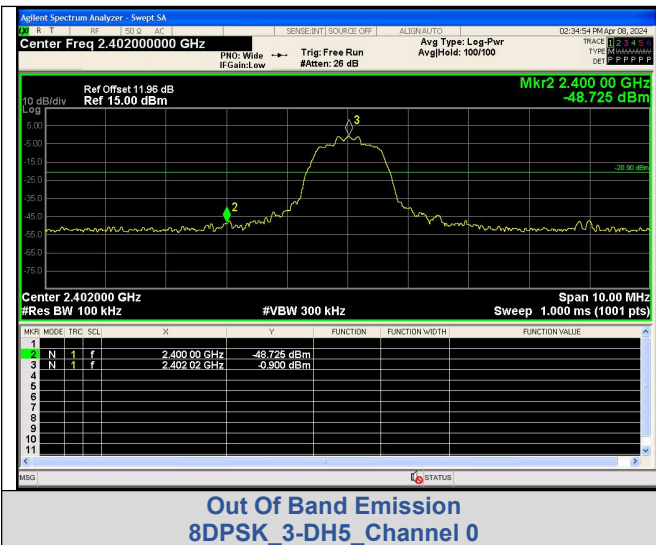
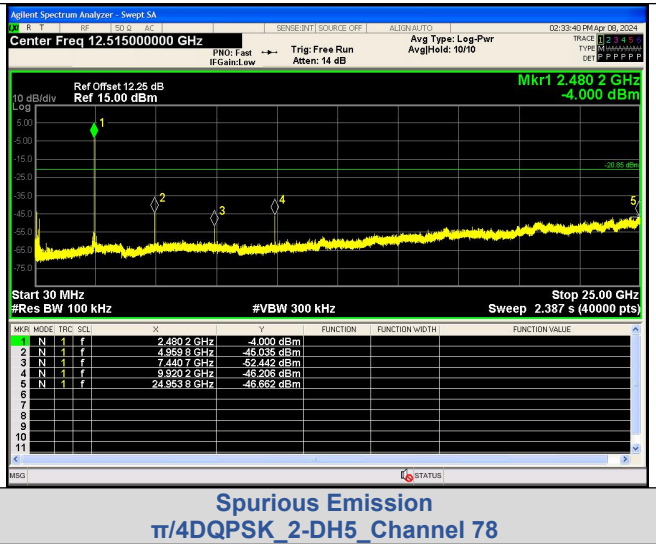
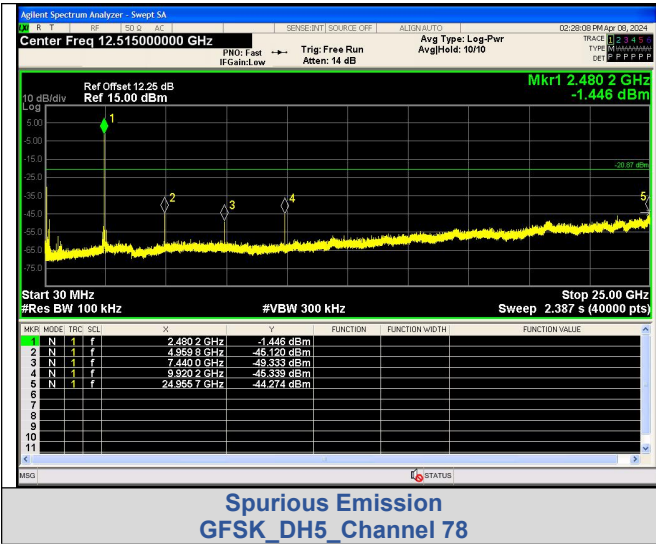
Spurious Emissions
 $\pi/4$ DQPSK_2-DH5_Channel 39

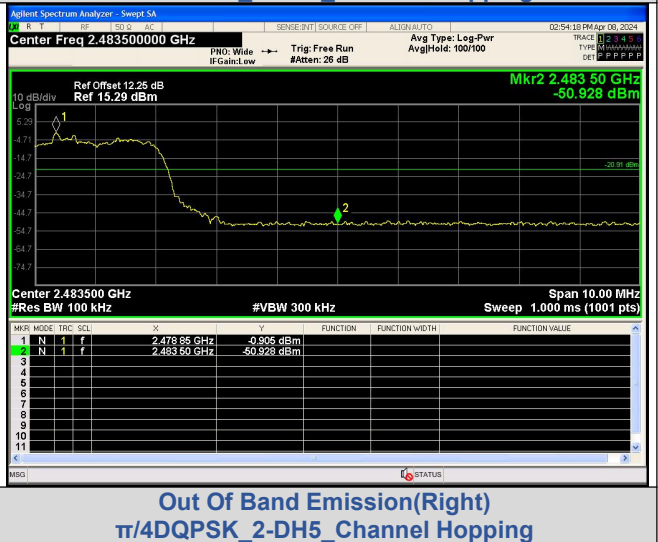
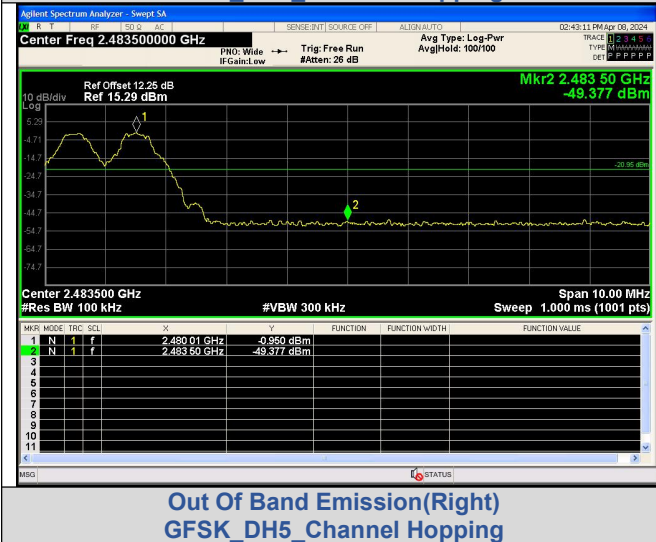
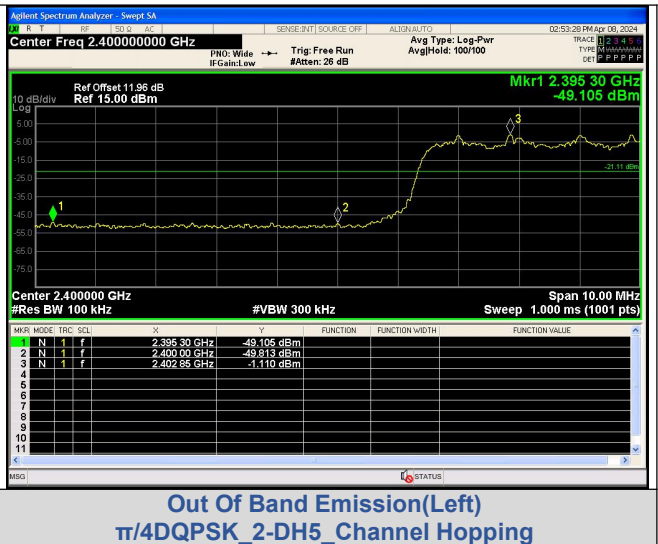
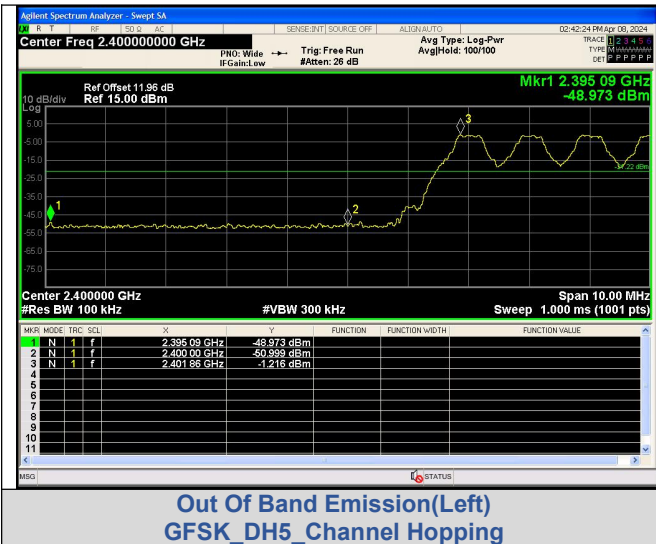
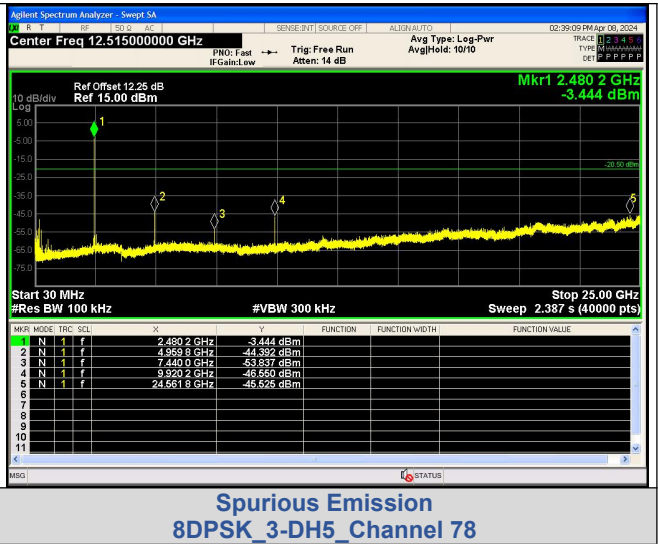
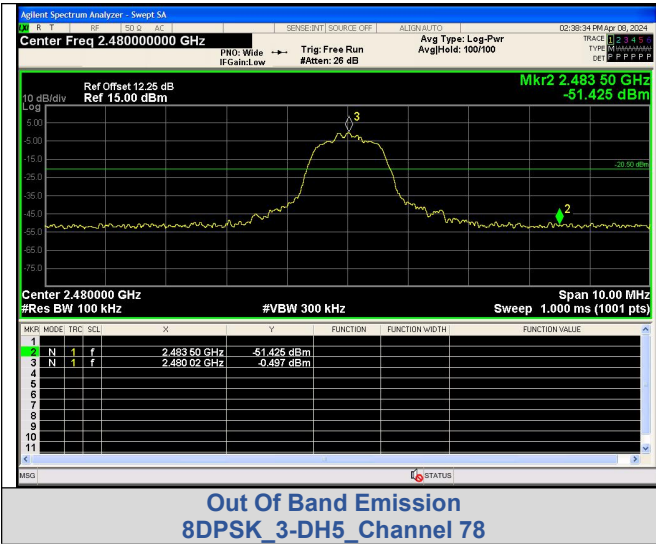


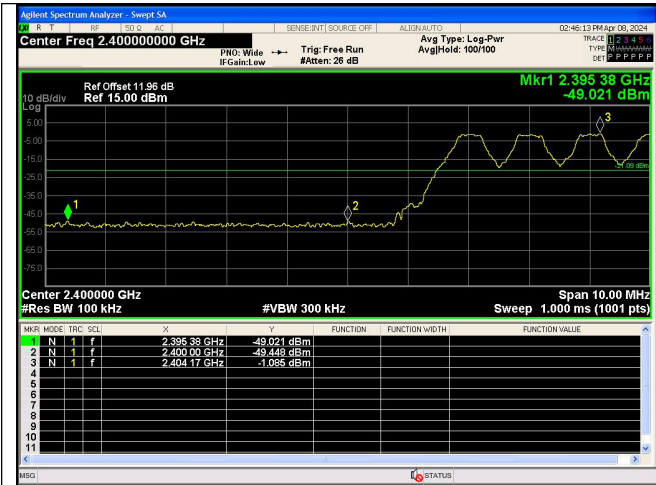
Out Of Band Emission
GFSK_DH5_Channel 78



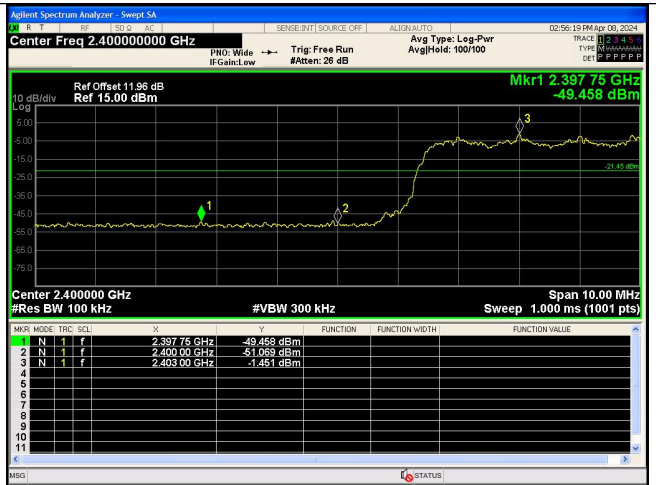
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78



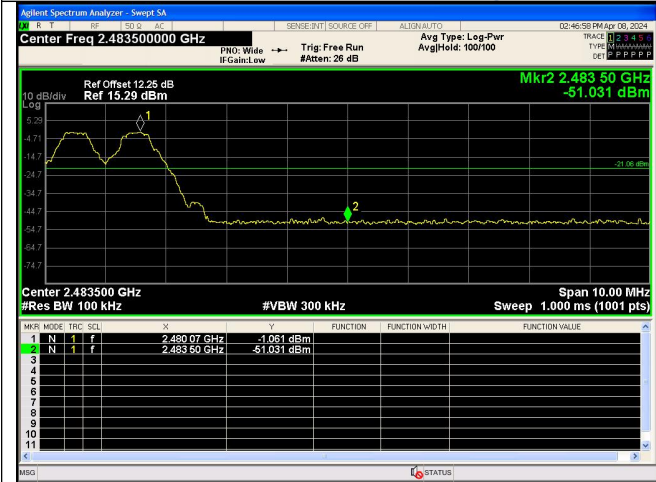




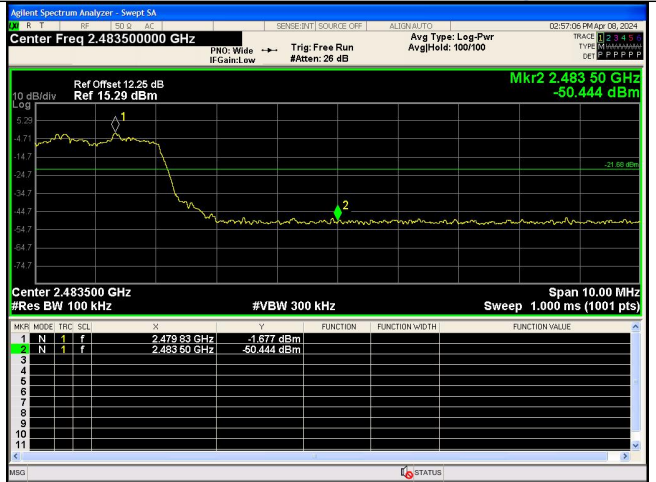
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



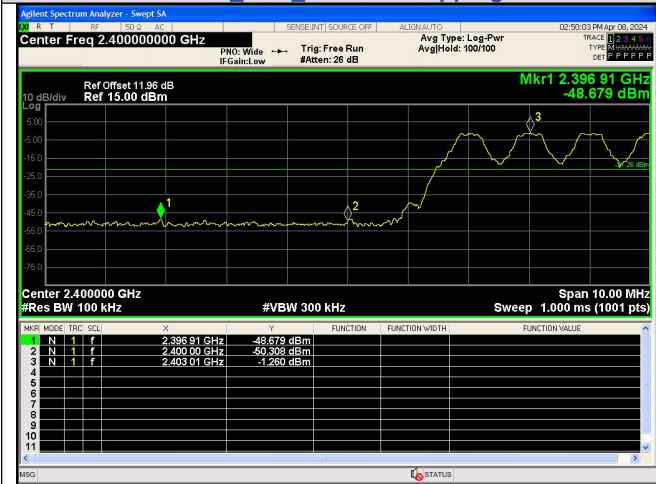
Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



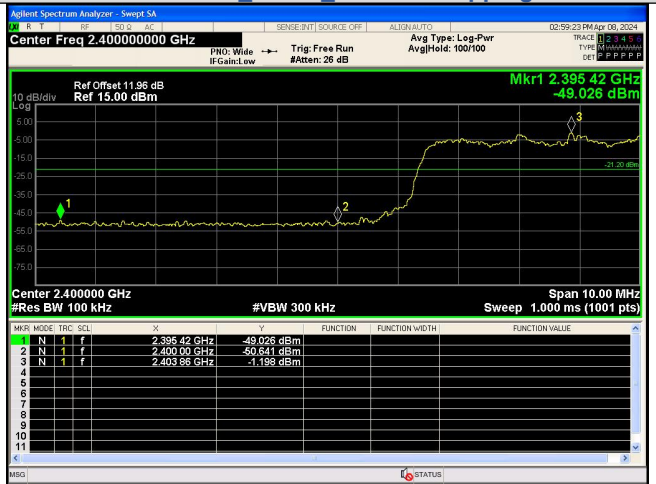
Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



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