

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

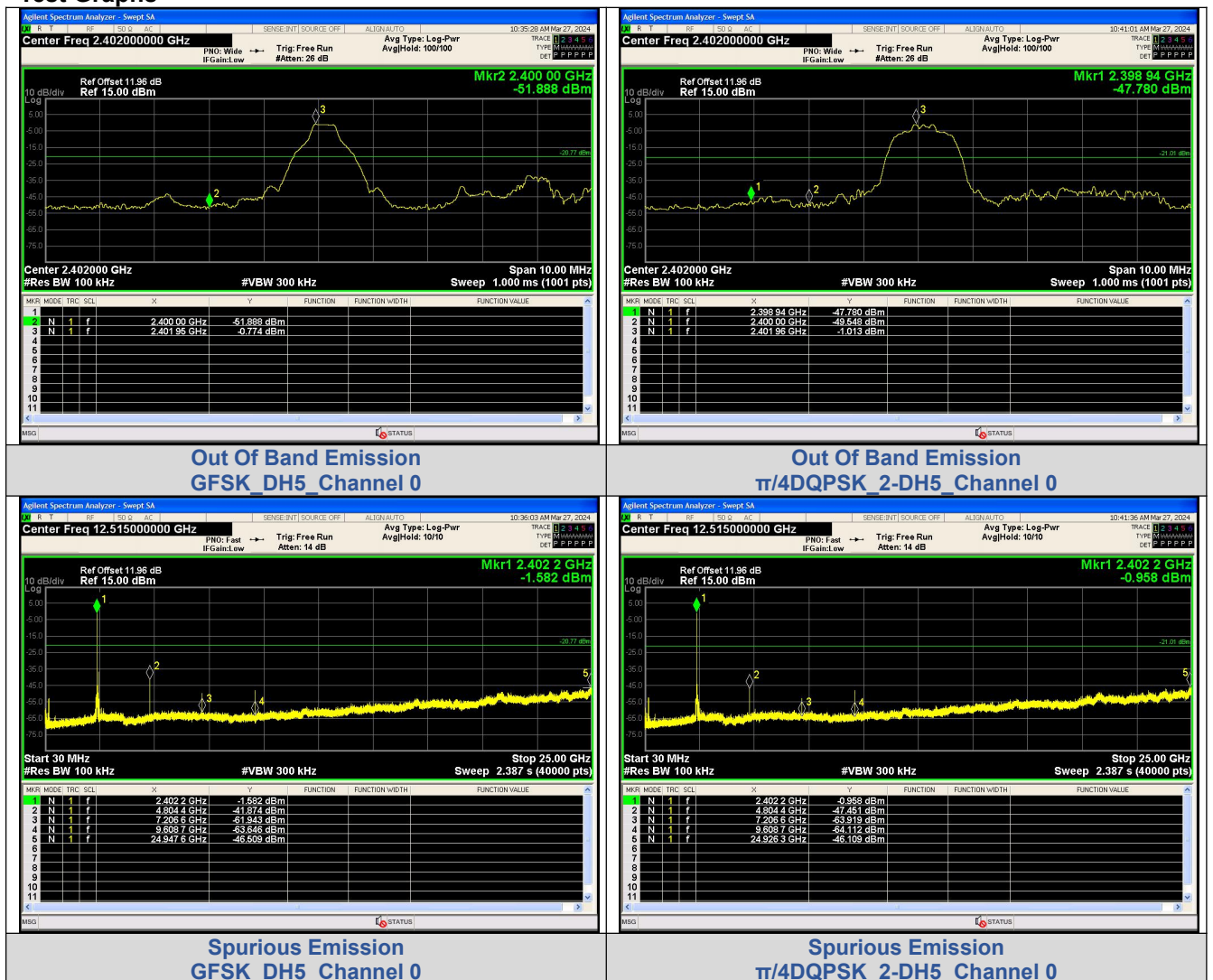
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-51.888	-20.77	-31.118	PASS
			2399.00	-47.196	-20.77	-26.426	PASS
			4804.40	-41.874	-20.77	-21.104	PASS
			7206.60	-61.943	-20.77	-41.173	PASS
			9608.70	-63.646	-20.77	-42.876	PASS
			24947.6	-46.510	-20.77	-25.740	PASS
		39	4882.42	-40.116	-20.57	-19.546	PASS
			7323.30	-61.967	-20.57	-41.397	PASS
			9763.55	-59.873	-20.57	-39.303	PASS
			24997.5	-45.718	-20.57	-25.148	PASS
		78	2483.50	-40.010	-17.81	-22.200	PASS
			4960.45	-36.547	-17.81	-18.737	PASS
			7440.66	-62.704	-17.81	-44.894	PASS
			9920.86	-60.710	-17.81	-42.900	PASS
			24975.7	-45.514	-17.81	-27.704	PASS
$\pi/4$ DQPSK	2-DH5	0	2400.00	-49.548	-21.01	-28.538	PASS
			2398.94	-47.780	-21.01	-26.770	PASS
			4804.40	-47.451	-21.01	-26.441	PASS
			7206.60	-63.919	-21.01	-42.909	PASS
			9608.70	-64.112	-21.01	-43.102	PASS
			24926.3	-46.109	-21.01	-25.099	PASS
		39	4882.42	-37.097	-19.41	-17.687	PASS
			7322.05	-62.189	-19.41	-42.779	PASS
			9763.55	-63.236	-19.41	-43.826	PASS
			24937.6	-44.897	-19.41	-25.487	PASS
		78	2483.50	-40.731	-18.21	-22.521	PASS
			4960.45	-37.854	-18.21	-19.644	PASS
			7440.03	-60.947	-18.21	-42.737	PASS
			9920.86	-62.929	-18.21	-44.719	PASS
			24856.4	-45.856	-18.21	-27.646	PASS
8DPSK	3-DH5	0	2400.00	-49.825	-19.99	-29.835	PASS
			2398.77	-47.562	-19.99	-27.572	PASS
			4804.40	-44.072	-19.99	-24.082	PASS
			7206.60	-62.557	-19.99	-42.567	PASS
			9608.70	-63.058	-19.99	-43.068	PASS
			24877.6	-46.102	-19.99	-26.112	PASS
		39	4882.42	-41.078	-19.39	-21.688	PASS
			7323.92	-61.408	-19.39	-42.018	PASS
			9764.80	-63.610	-19.39	-44.220	PASS
			24920.1	-46.176	-19.39	-26.786	PASS
		78	2483.50	-40.309	-18.15	-22.159	PASS
			4960.45	-42.475	-18.15	-24.325	PASS
			7440.03	-63.062	-18.15	-44.912	PASS
			9919.62	-62.278	-18.15	-44.128	PASS
			24971.3	-45.761	-18.15	-27.611	PASS

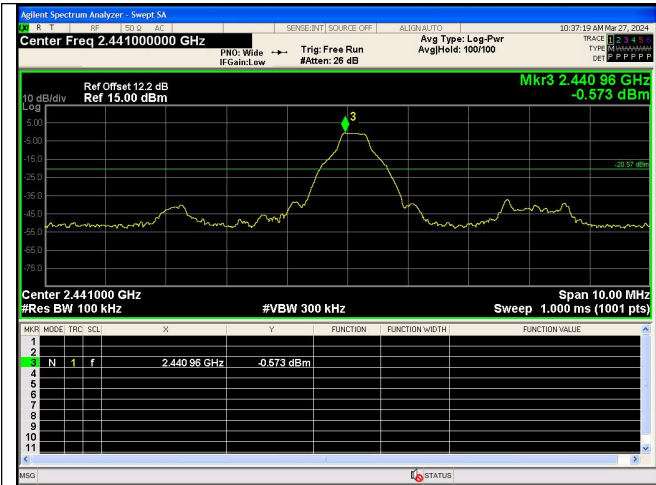
Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2395.55	-40.955	-20.26	-20.695	PASS
			2400.00	-45.321	-20.26	-25.061	PASS
			2483.50	-40.271	-18.47	-21.801	PASS
			2395.55	-41.656	-20.01	-21.646	PASS
			2400.00	-44.405	-20.01	-24.395	PASS
			2483.50	-40.351	-18.43	-21.921	PASS
			2398.66	-41.731	-20.19	-21.541	PASS
			2400.00	-43.576	-20.19	-23.386	PASS
			2483.50	-39.537	-18.49	-21.047	PASS

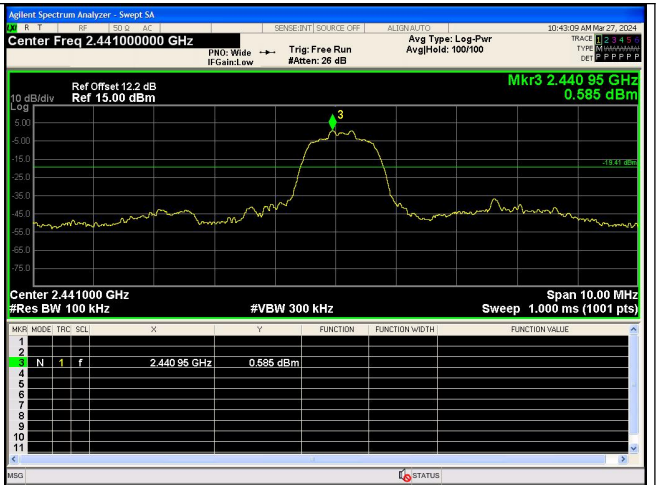
$\pi/4$ DQPSK	2-DH5		2395.41	-42.423	-20.15	-22.273	PASS
			2400.00	-45.260	-20.15	-25.110	PASS
			2483.50	-41.600	-18.31	-23.290	PASS
			2395.76	-42.972	-20.05	-22.922	PASS
			2400.00	-44.165	-20.05	-24.115	PASS
			2483.50	-41.720	-18.27	-23.450	PASS
			2396.72	-42.531	-20.18	-22.351	PASS
			2400.00	-43.725	-20.18	-23.545	PASS
8DPSK	3-DH5		2483.50	-43.000	-19.74	-23.260	PASS
			2398.21	-41.908	-20.95	-20.958	PASS
			2400.00	-43.669	-20.95	-22.719	PASS
			2483.50	-42.306	-18.21	-24.096	PASS
			2395.28	-43.363	-20.08	-23.283	PASS
			2400.00	-46.128	-20.08	-26.048	PASS
			2483.50	-42.081	-18.4	-23.681	PASS
			2396.52	-43.310	-20.0	-23.310	PASS
			2400.00	-44.201	-20.0	-24.201	PASS
			2483.50	-41.447	-18.27	-23.177	PASS

Test Graphs

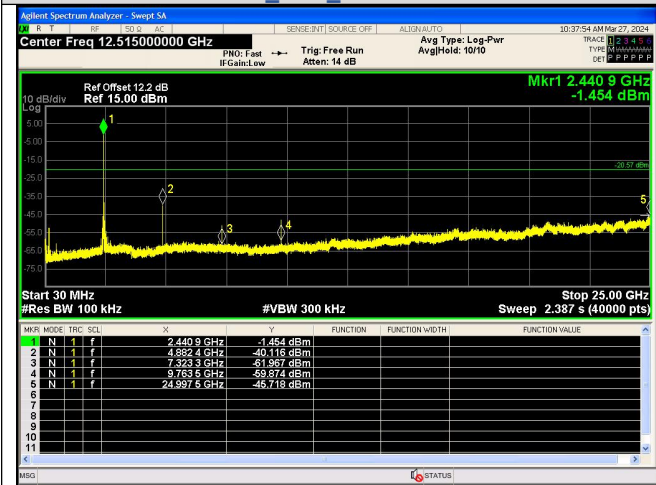




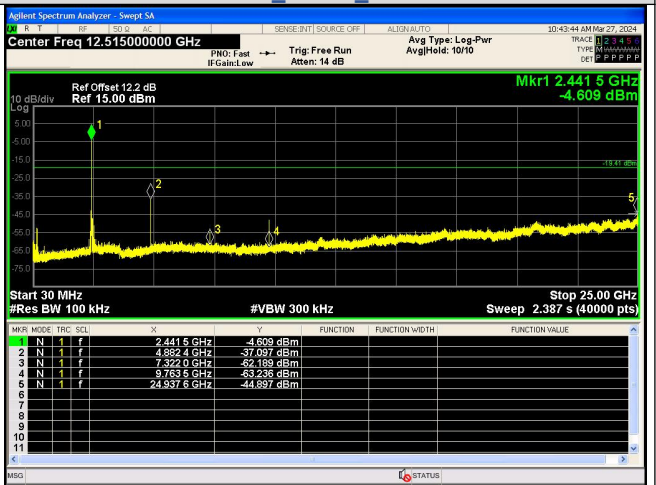
Out Of Band Emission
GFSK_DH5_Channel 39



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



Spurious Emissions
GFSK_DH5_Channel 39



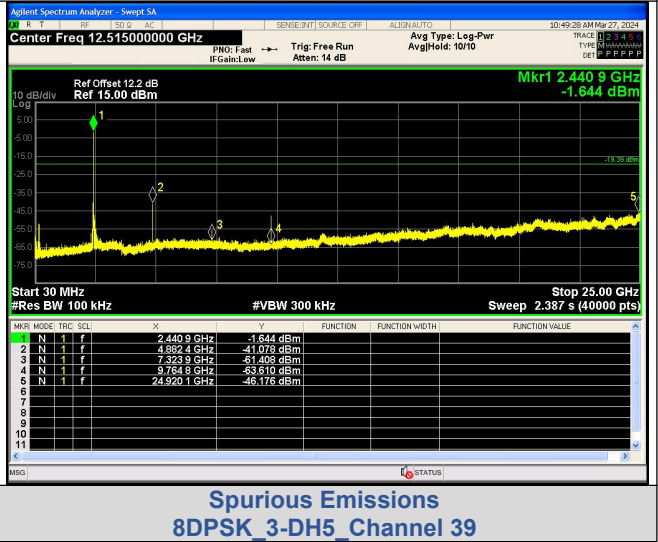
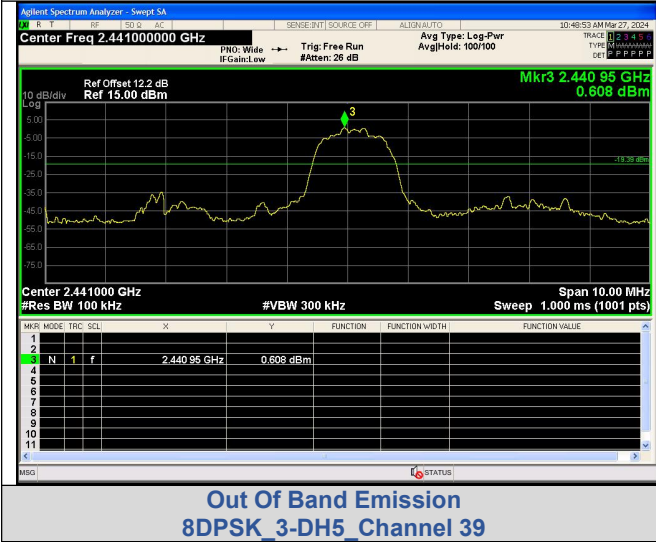
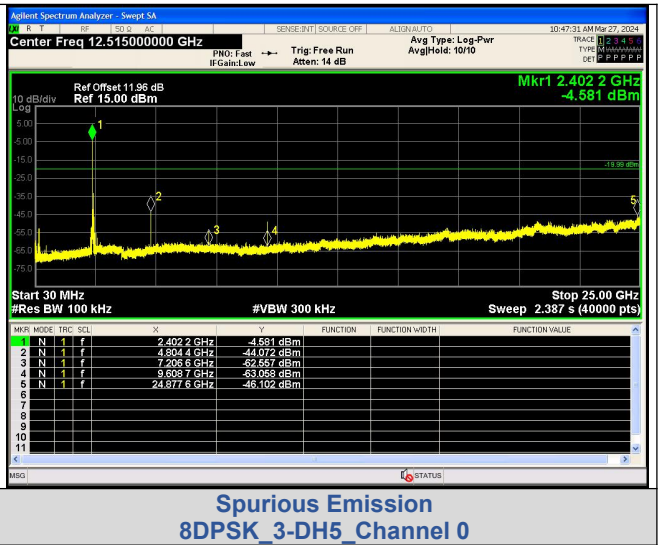
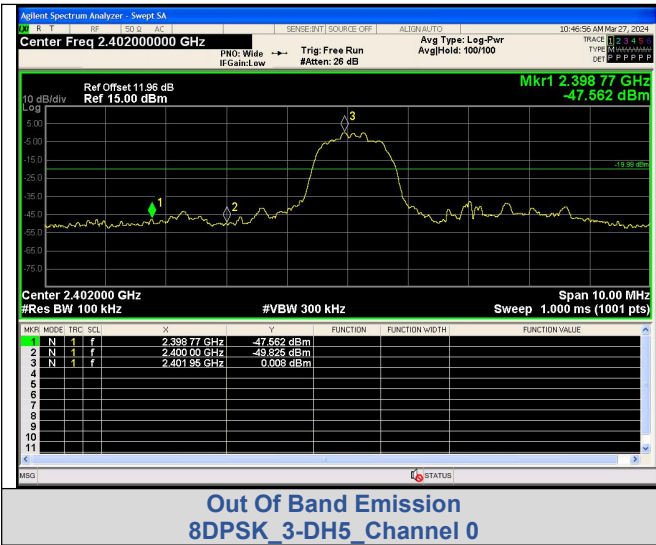
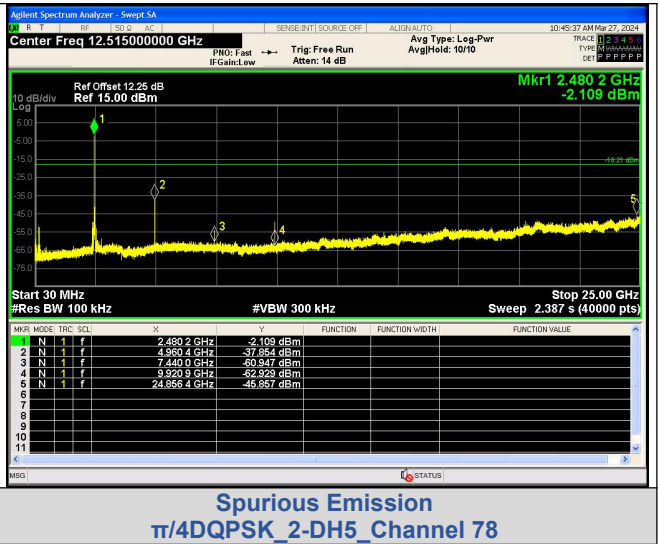
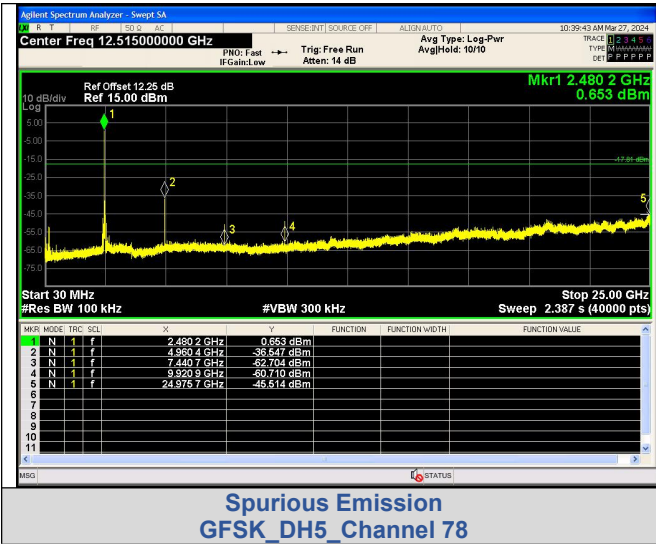
Spurious Emissions
 $\pi/4$ DQPSK_2-DH5_Channel 39

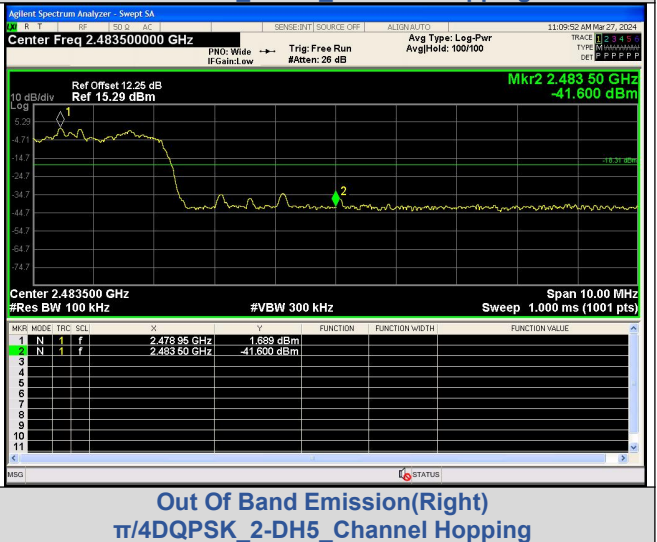
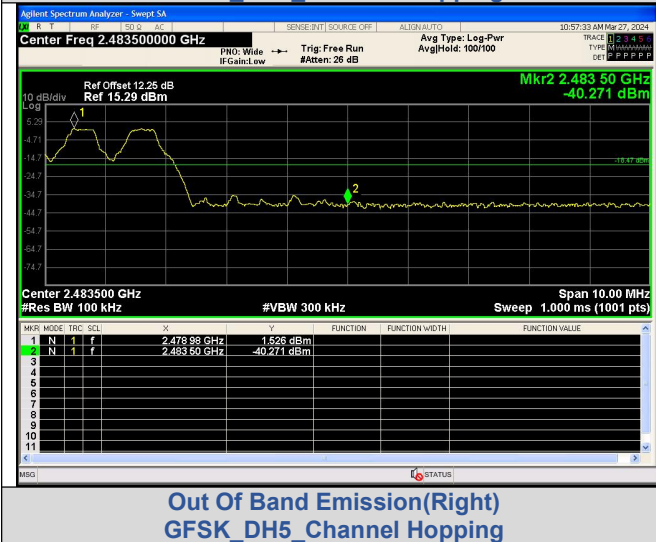
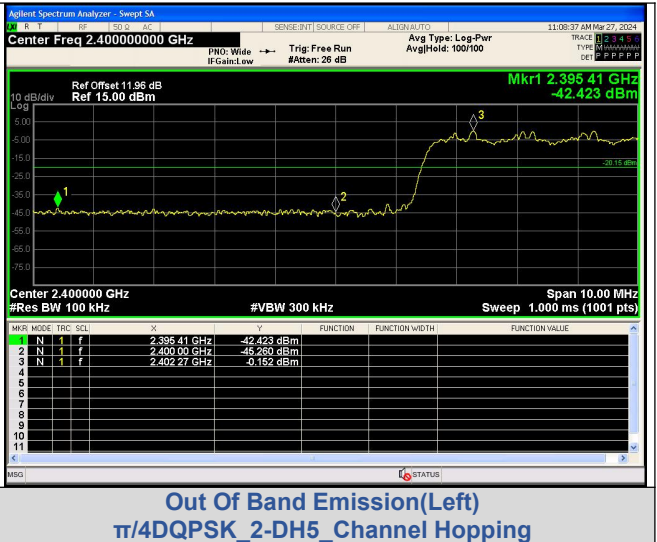
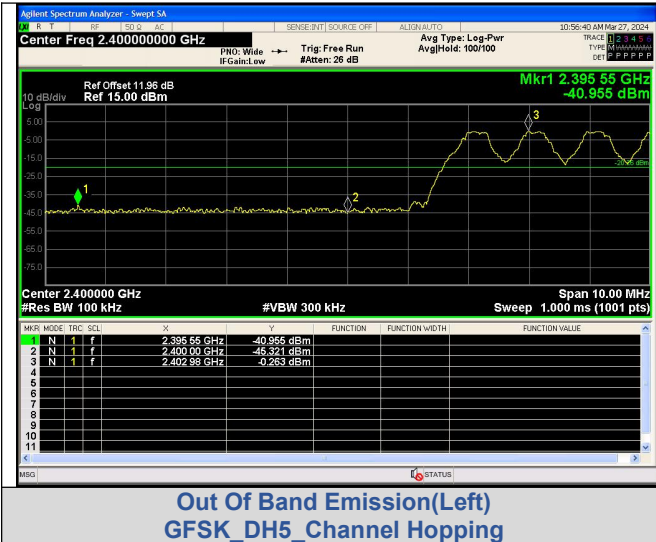
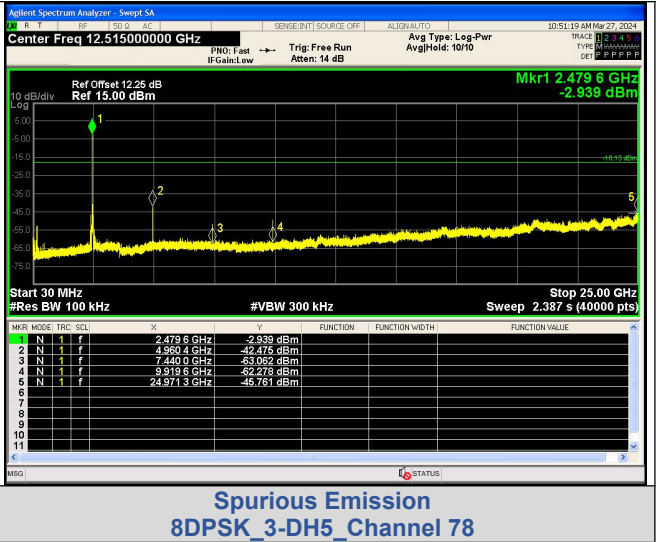
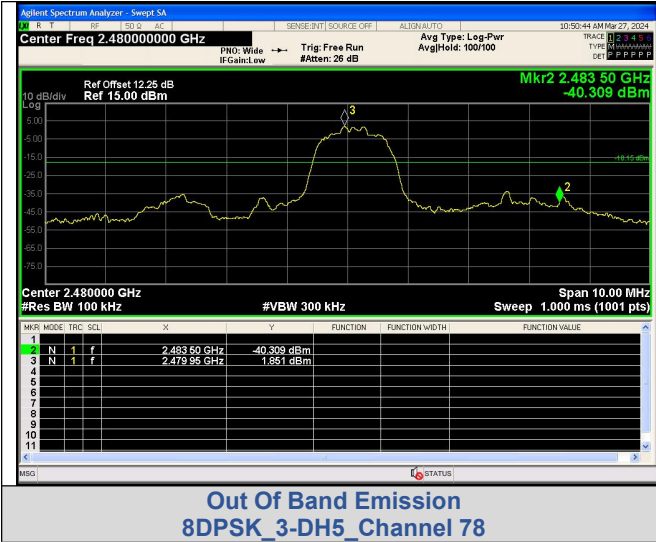


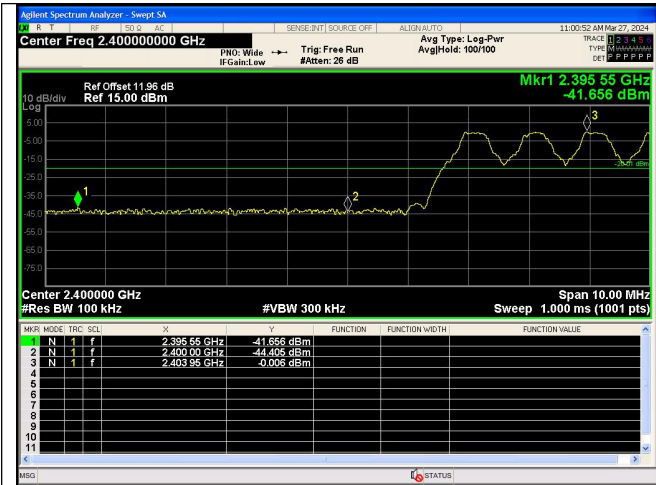
Out Of Band Emission
GFSK_DH5_Channel 78



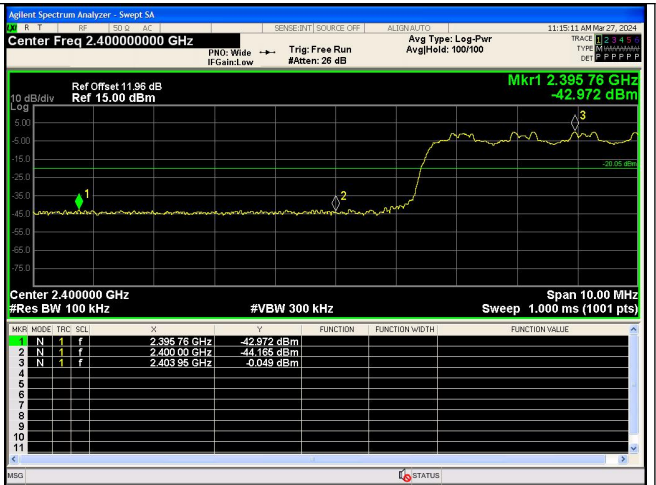
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78







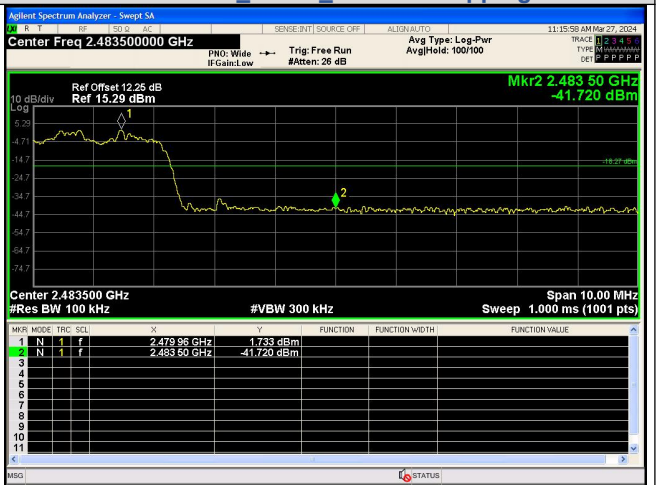
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



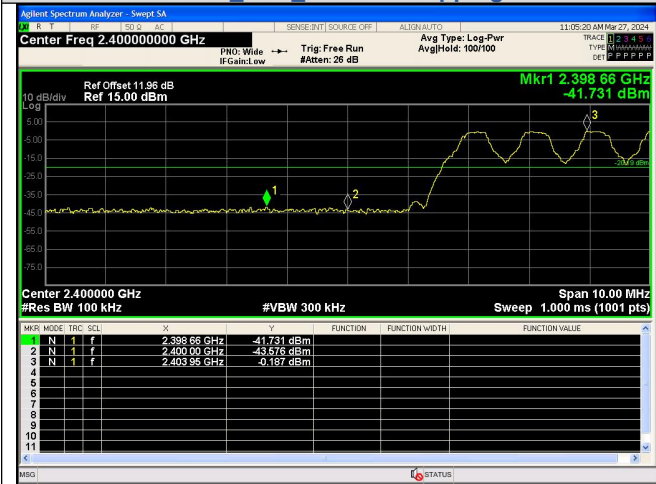
Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



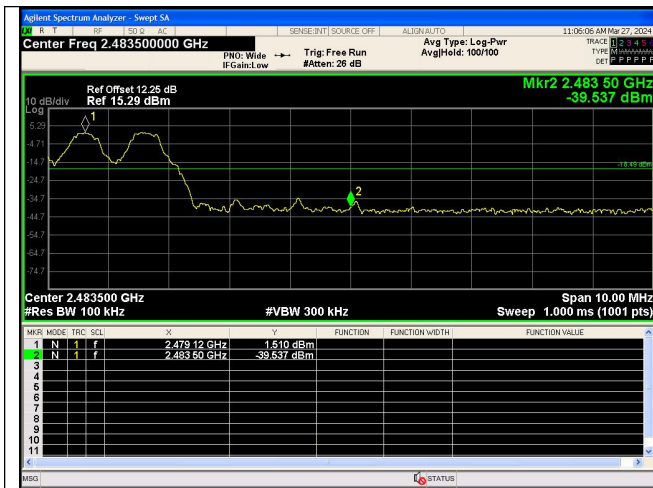
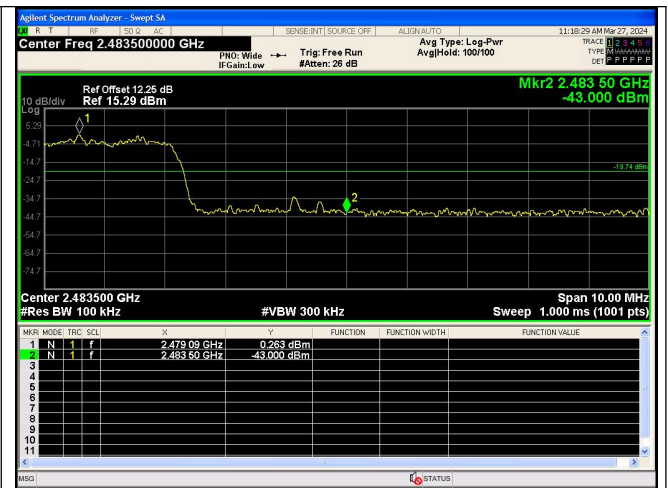
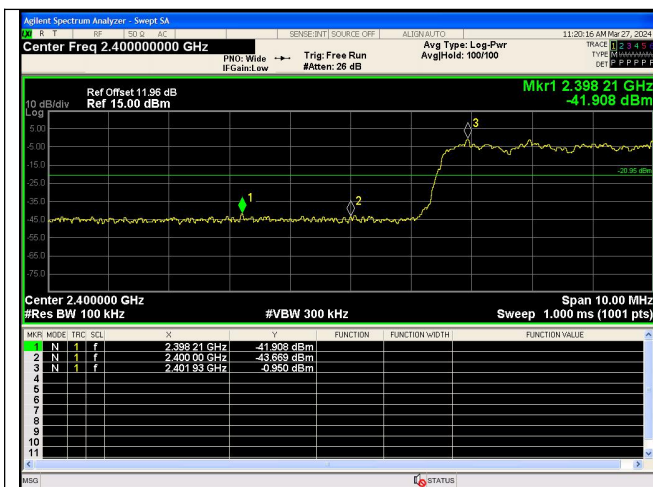
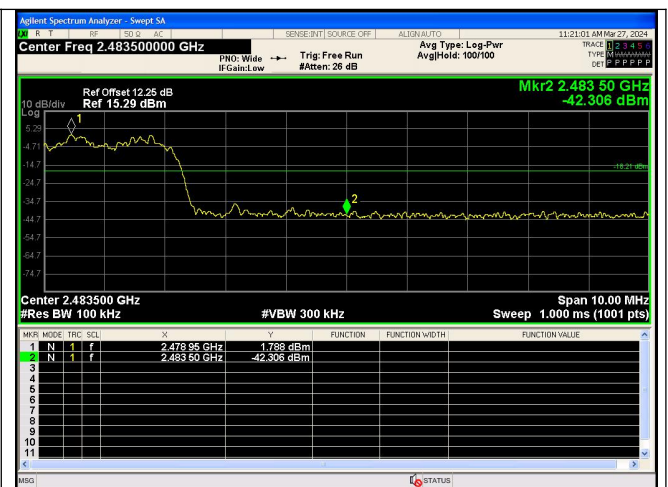
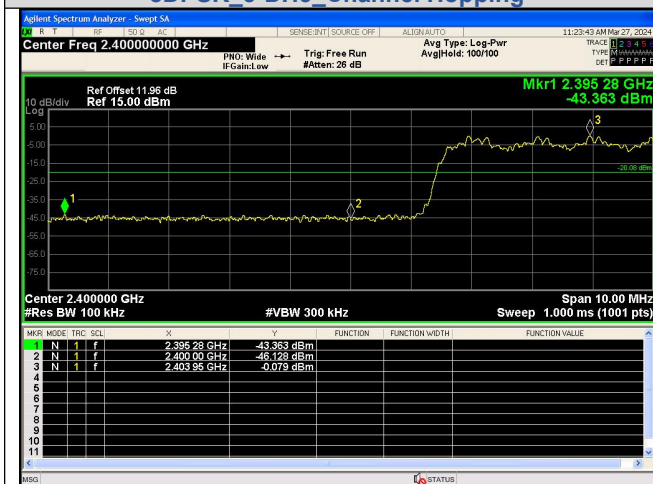
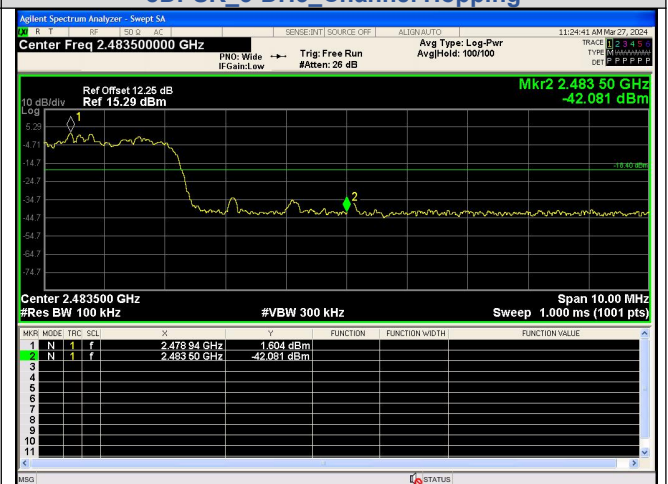
Out Of Band Emission(Right)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



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

Out Of Band Emission(Right)
GFSK_DH5_Channel HoppingOut Of Band Emission(Right)
 $\pi/4$ DQPSK_2-DH5_Channel HoppingOut Of Band Emission(Left)
8DPSK_3-DH5_Channel HoppingOut Of Band Emission(Right)
8DPSK_3-DH5_Channel HoppingOut Of Band Emission(Left)
8DPSK_3-DH5_Channel HoppingOut Of Band Emission(Right)
8DPSK_3-DH5_Channel Hopping

