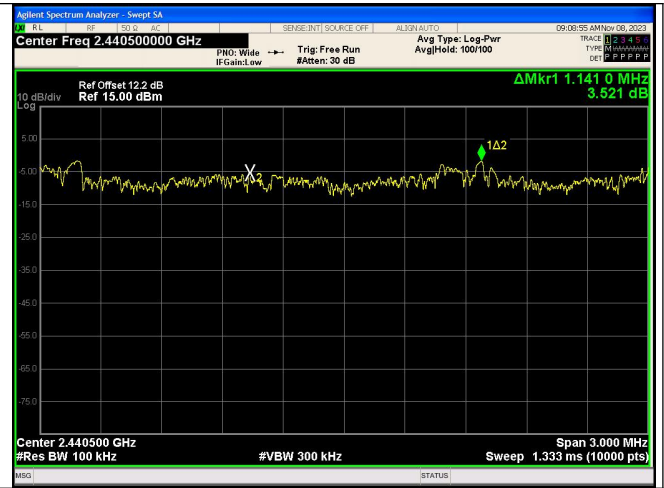




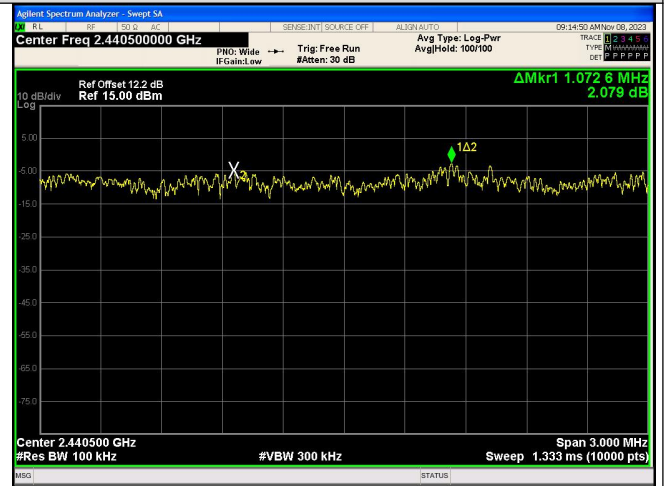
$\pi/4$ DQPSK



$\pi/4$ DQPSK



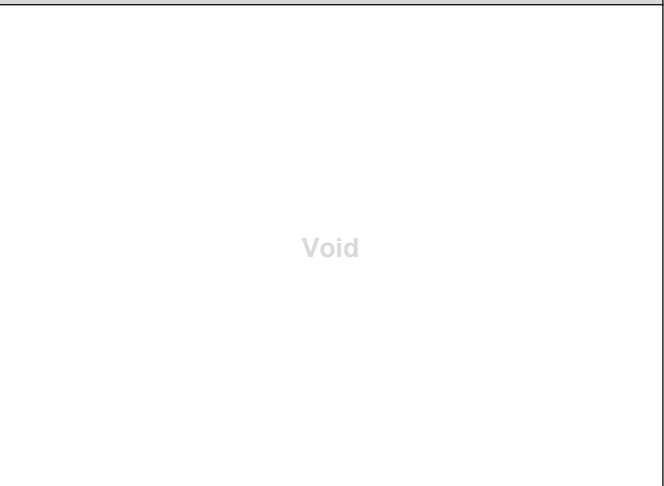
8DPSK



8DPSK



8DPSK



**APPENDIX V. Conducted Out Of Band Emission**

**Test Result**  
Non-Hopping

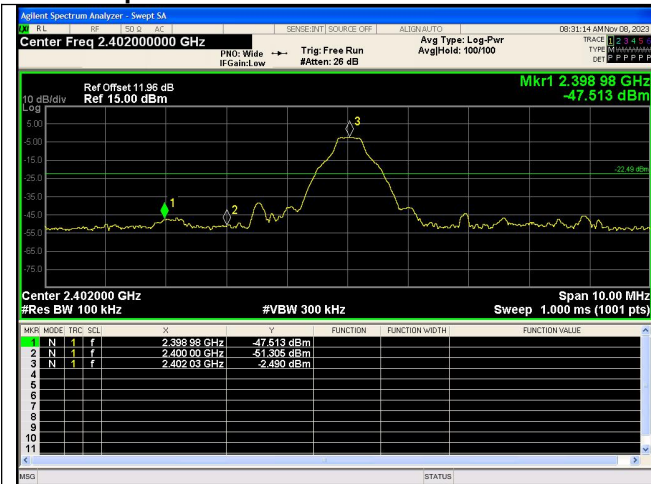
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-51.305	-22.49	-28.815	PASS
			2398.98	-47.513	-22.49	-25.023	PASS
			4804.40	-52.853	-22.49	-30.363	PASS
			7205.90	-63.663	-22.49	-41.173	PASS
			9608.70	-64.012	-22.49	-41.522	PASS
			24989.4	-46.254	-22.49	-23.764	PASS
		39	4882.42	-49.819	-21.72	-28.099	PASS
			7323.92	-61.313	-21.72	-39.593	PASS
			9764.17	-62.938	-21.72	-41.218	PASS
		78	24896.4	-46.144	-21.72	-24.424	PASS
			2483.50	-46.846	-22.51	-24.336	PASS
			4959.83	-47.251	-22.51	-24.741	PASS
			7440.66	-61.858	-22.51	-39.348	PASS
			9919.62	-63.300	-22.51	-40.790	PASS
		24947.6	-45.030	-22.51	-22.520	PASS	
$\pi$ /4DQPSK	2-DH5	0	2400.00	-50.228	-22.37	-27.858	PASS
			2399.00	-48.497	-22.37	-26.127	PASS
			4804.40	-55.777	-22.37	-33.407	PASS
			7205.30	-61.614	-22.37	-39.244	PASS
			9608.70	-64.181	-22.37	-41.811	PASS
		24953.8	-46.423	-22.37	-24.053	PASS	
		39	4881.79	-54.623	-21.74	-32.883	PASS
			7322.67	-63.094	-21.74	-41.355	PASS
			9763.55	-63.150	-21.74	-41.410	PASS
		78	24970.7	-44.863	-21.74	-23.123	PASS
			2483.50	-48.831	-22.5	-26.331	PASS
			4959.20	-53.598	-22.5	-31.098	PASS
			7439.41	-63.914	-22.5	-41.414	PASS
			9919.62	-61.492	-22.5	-38.992	PASS
		24941.9	-45.169	-22.5	-22.669	PASS	
8DPSK	3-DH5	0	2400.00	-47.758	-22.29	-25.468	PASS
			4804.38	-54.270	-22.29	-31.980	PASS
			7206.56	-62.668	-22.29	-40.378	PASS
			9608.73	-62.720	-22.29	-40.430	PASS
			24887.6	-45.624	-22.29	-23.334	PASS
		39	4881.79	-53.663	-21.7	-31.963	PASS
			7322.05	-63.610	-21.7	-41.910	PASS
			9764.80	-63.416	-21.7	-41.716	PASS
		78	24930.1	-45.331	-21.7	-23.631	PASS
			2483.50	-49.115	-22.48	-26.635	PASS
			4960.45	-51.279	-22.48	-28.799	PASS
			7440.03	-62.795	-22.48	-40.315	PASS
			9919.62	-63.129	-22.48	-40.649	PASS
		24932.6	-45.702	-22.48	-23.222	PASS	

Hopping

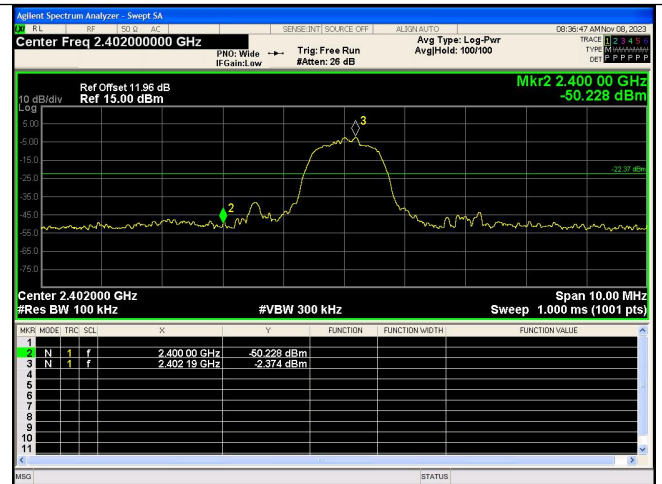
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2400.00	-47.816	-22.28	-25.536	PASS
			2483.50	-48.366	-22.46	-25.906	PASS
			2398.99	-48.729	-22.51	-26.219	PASS
			2400.00	-48.846	-22.51	-26.336	PASS
			2483.50	-49.090	-22.56	-26.530	PASS
			2400.00	-48.271	-22.34	-25.931	PASS
			2483.50	-50.189	-22.78	-27.409	PASS
$\pi$ /4DQPSK	2-DH5	Hopping	2398.81	-49.570	-22.71	-26.860	PASS
			2400.00	-51.666	-22.71	-28.956	PASS

8DPSK	3-DH5	2483.50	-49.950	-23.87	-26.080	PASS
		2398.20	-49.828	-24.18	-25.648	PASS
		2400.00	-51.405	-24.18	-27.225	PASS
		2483.50	-51.011	-22.61	-28.401	PASS
		2397.44	-49.832	-22.34	-27.492	PASS
		2400.00	-51.655	-22.34	-29.315	PASS
		2483.50	-49.228	-22.87	-26.358	PASS
		2397.19	-49.964	-23.66	-26.304	PASS
		2400.00	-51.162	-23.66	-27.502	PASS
		2483.50	-51.706	-24.72	-26.986	PASS
		2400.00	-49.265	-22.27	-26.995	PASS
		2483.50	-50.321	-23.62	-26.701	PASS
		2398.70	-49.161	-22.32	-26.841	PASS
		2400.00	-50.713	-22.32	-28.393	PASS
2483.50	-49.951	-22.87	-27.081	PASS		

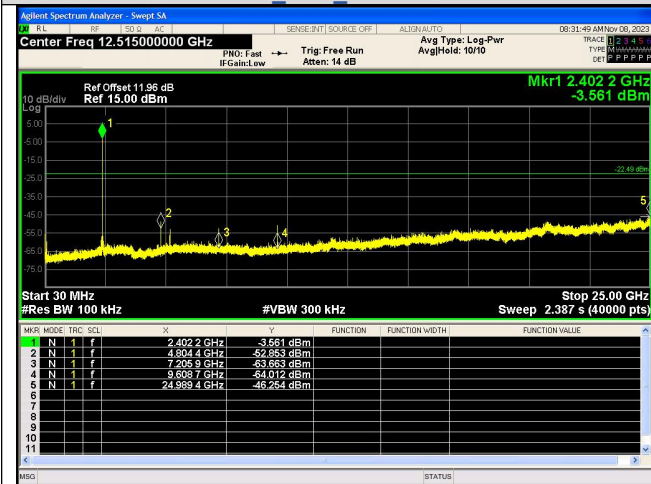
Test Graphs



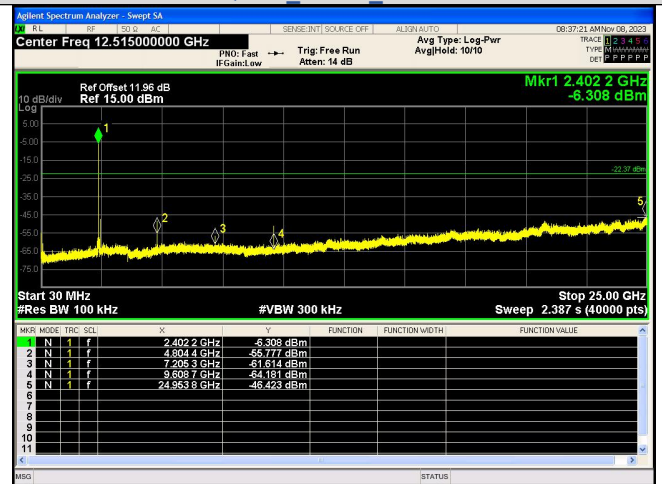
Out of Band Emission  
GFSK DH5 Channel 0



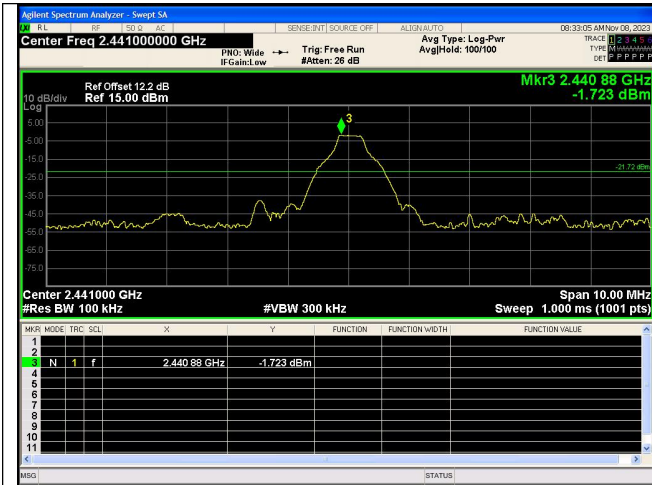
Out of Band Emission  
 $\pi/4$ DQPSK 2-DH5 Channel 0



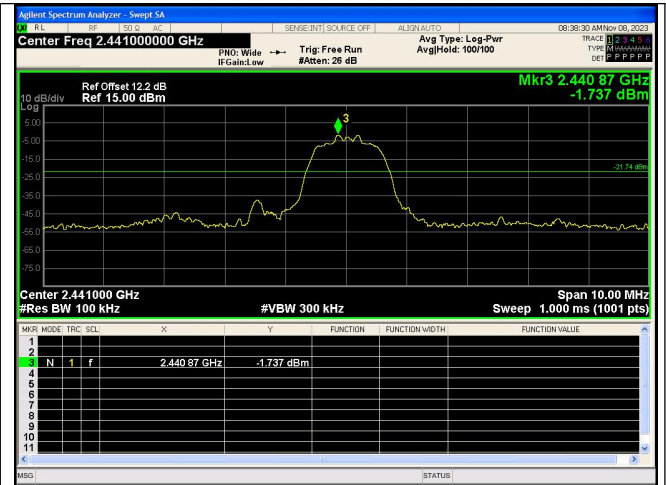
Spurious Emission  
GFSK DH5 Channel 0



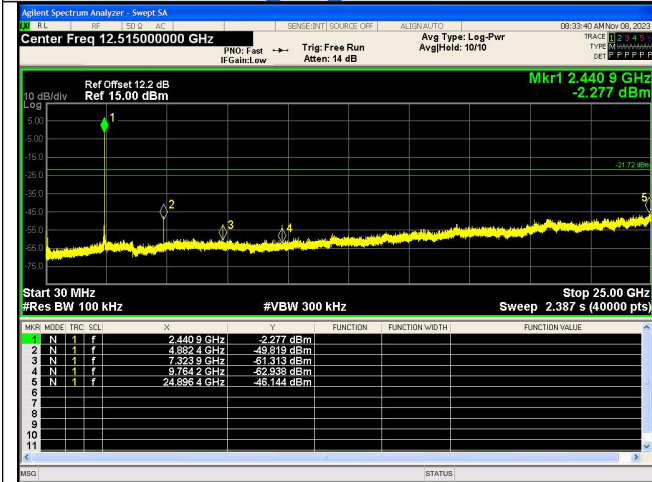
Spurious Emission  
 $\pi/4$ DQPSK 2-DH5 Channel 0



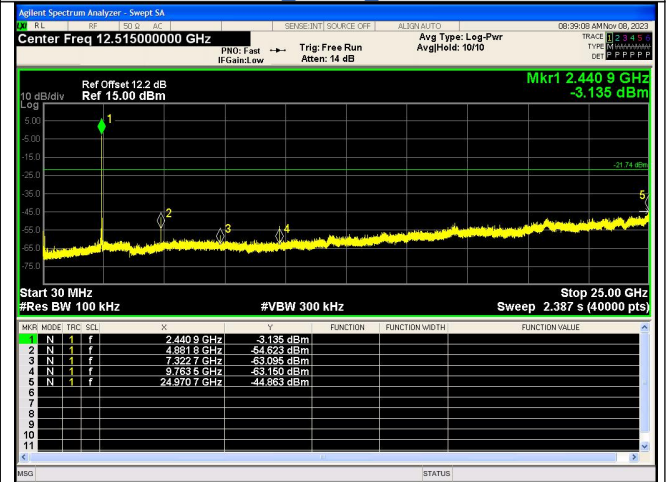
Out Of Band Emission  
GFSK DH5 Channel 39



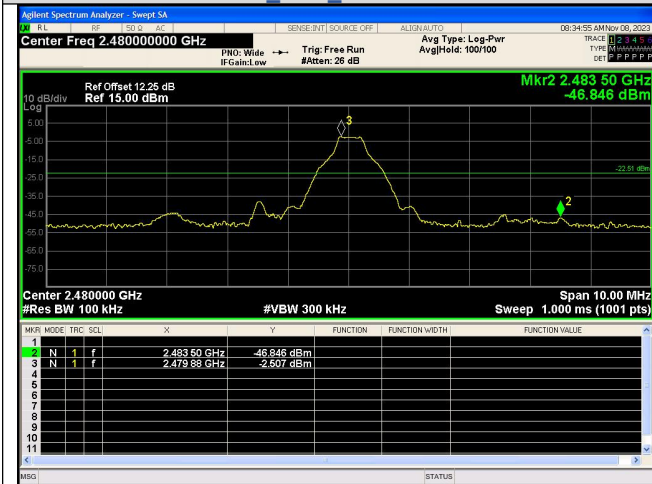
Out Of Band Emission  
 $\pi/4$ DQPSK 2-DH5 Channel 39



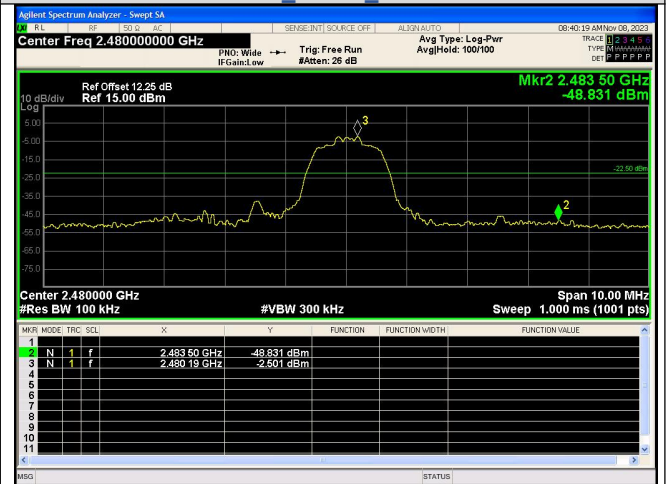
Spurious Emissions  
GFSK DH5 Channel 39



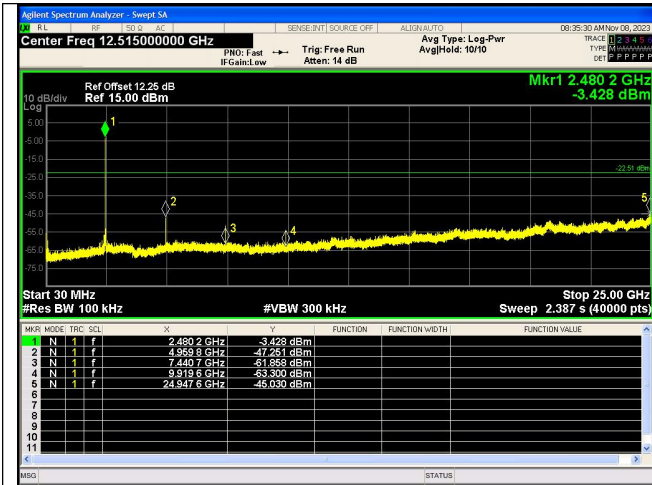
Spurious Emissions  
 $\pi/4$ DQPSK 2-DH5 Channel 39



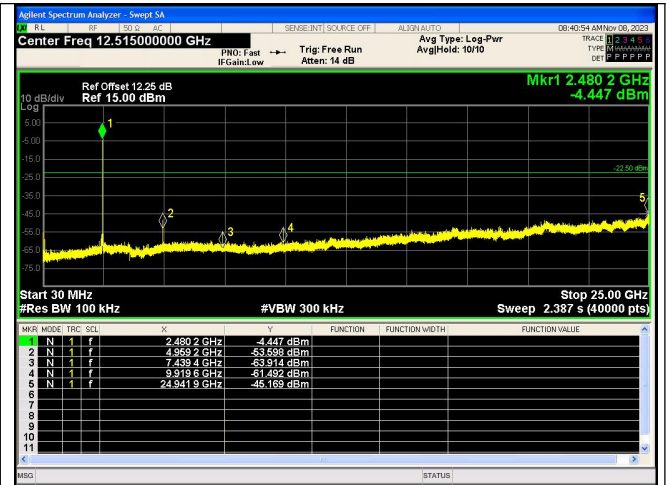
Out Of Band Emission  
GFSK DH5 Channel 78



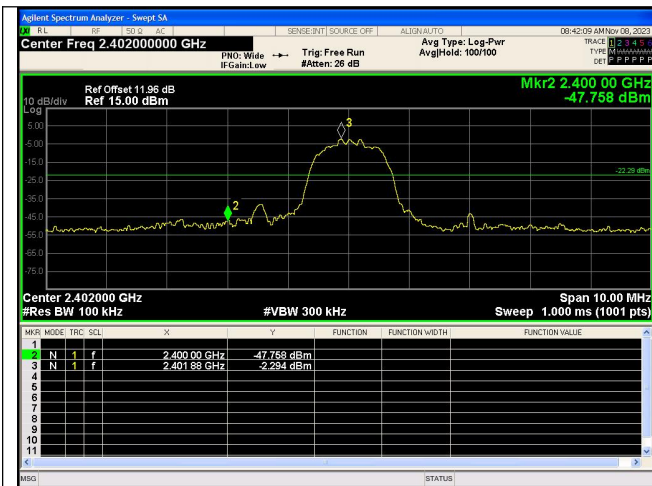
Out Of Band Emission  
 $\pi/4$ DQPSK 2-DH5 Channel 78



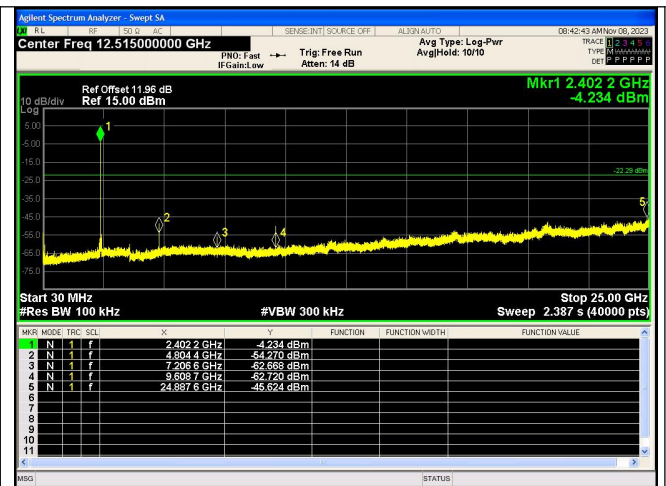
Spurious Emission  
GFSK\_DH5\_Channel 78



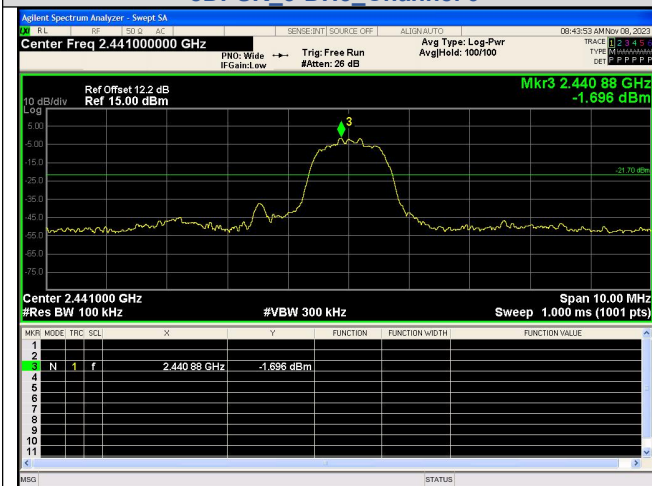
Spurious Emission  
 $\pi/4$ DQPSK\_2-DH5\_Channel 78



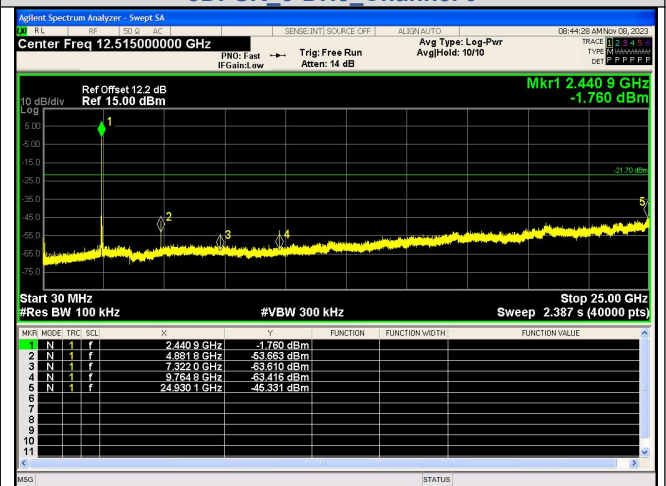
Out Of Band Emission  
8DPSK\_3-DH5\_Channel 0



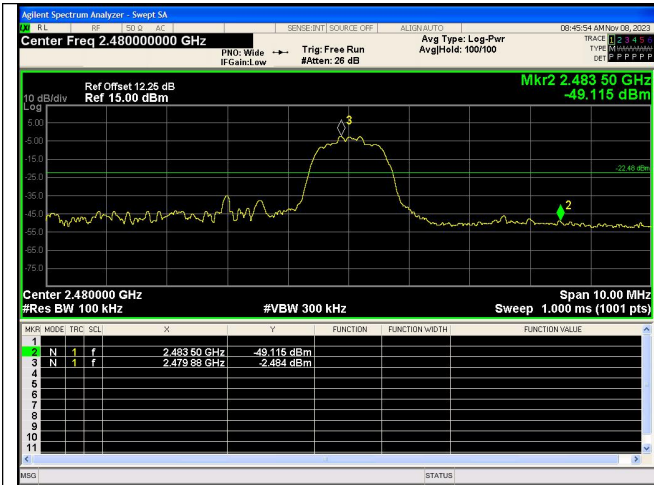
Spurious Emission  
8DPSK\_3-DH5\_Channel 0



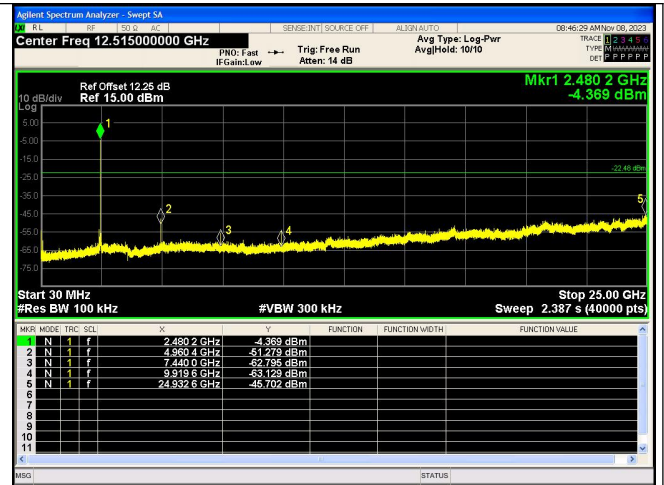
Out Of Band Emission  
8DPSK\_3-DH5\_Channel 39



Spurious Emissions  
8DPSK\_3-DH5\_Channel 39



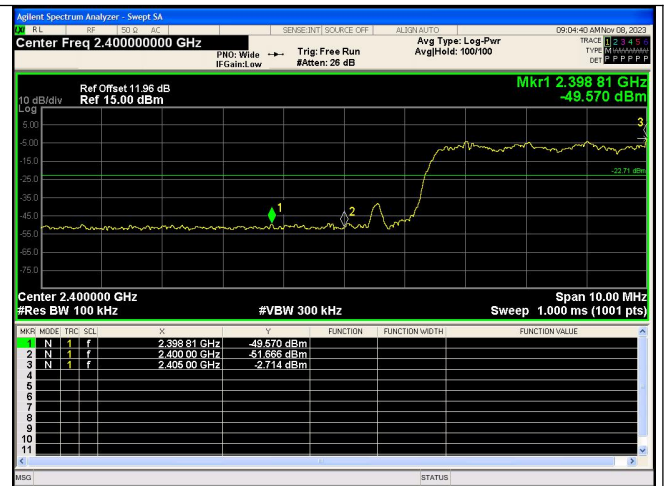
Out Of Band Emission  
8DPSK\_3-DH5\_Channel 78



Spurious Emission  
8DPSK\_3-DH5\_Channel 78



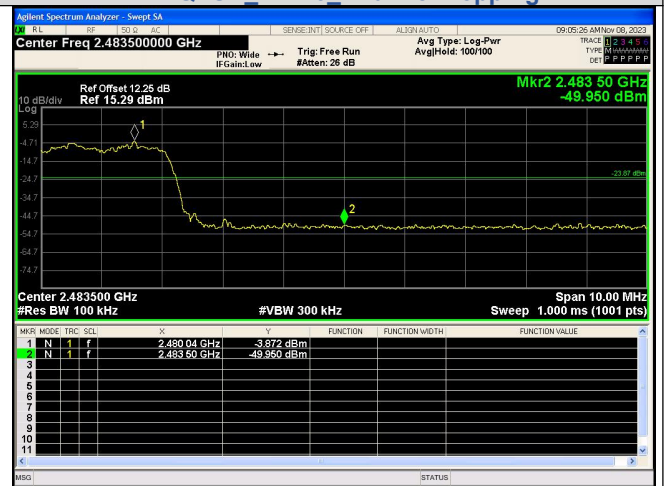
Out Of Band Emission(Left)  
GFSK\_DH5\_Channel Hopping



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