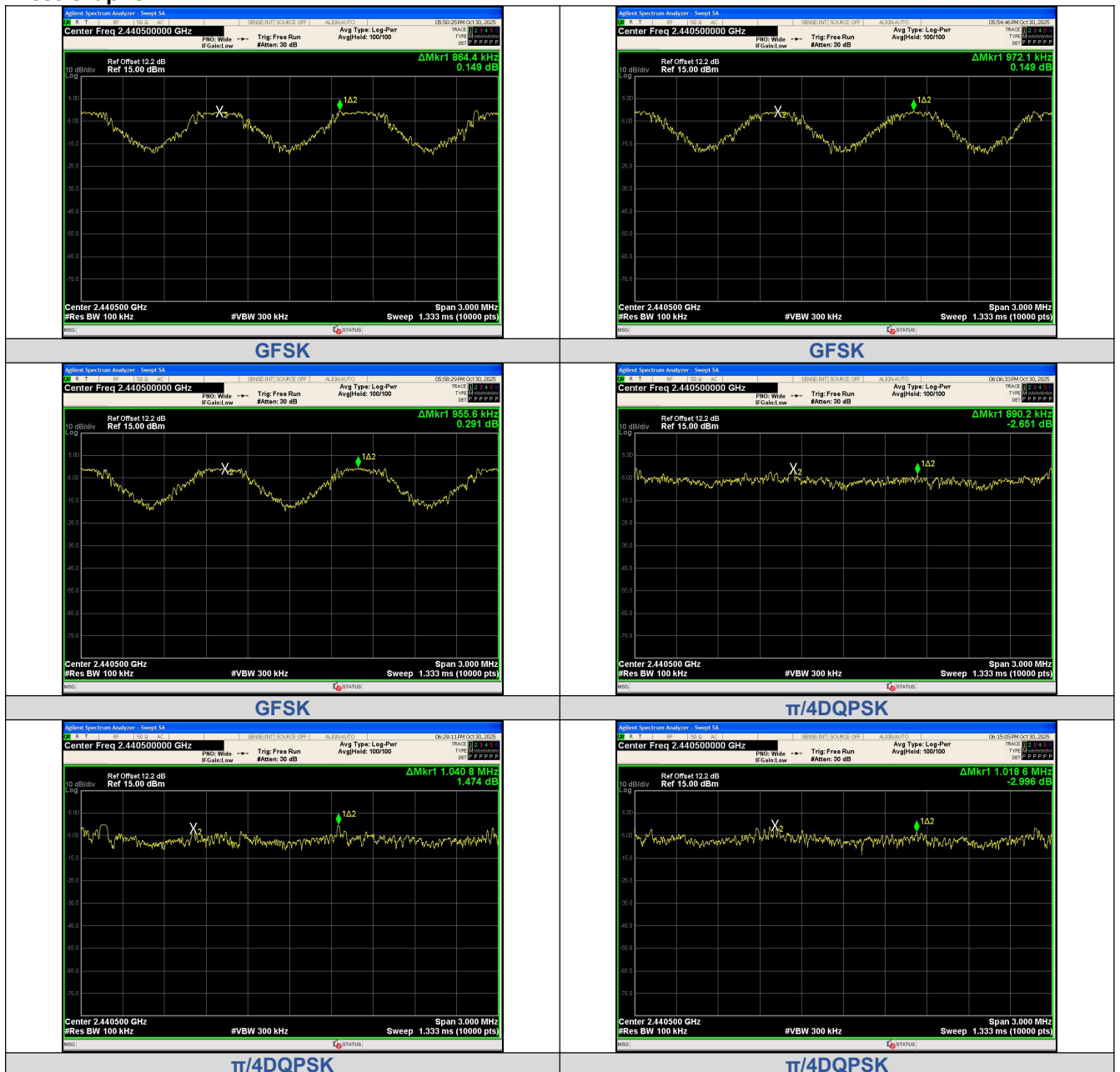


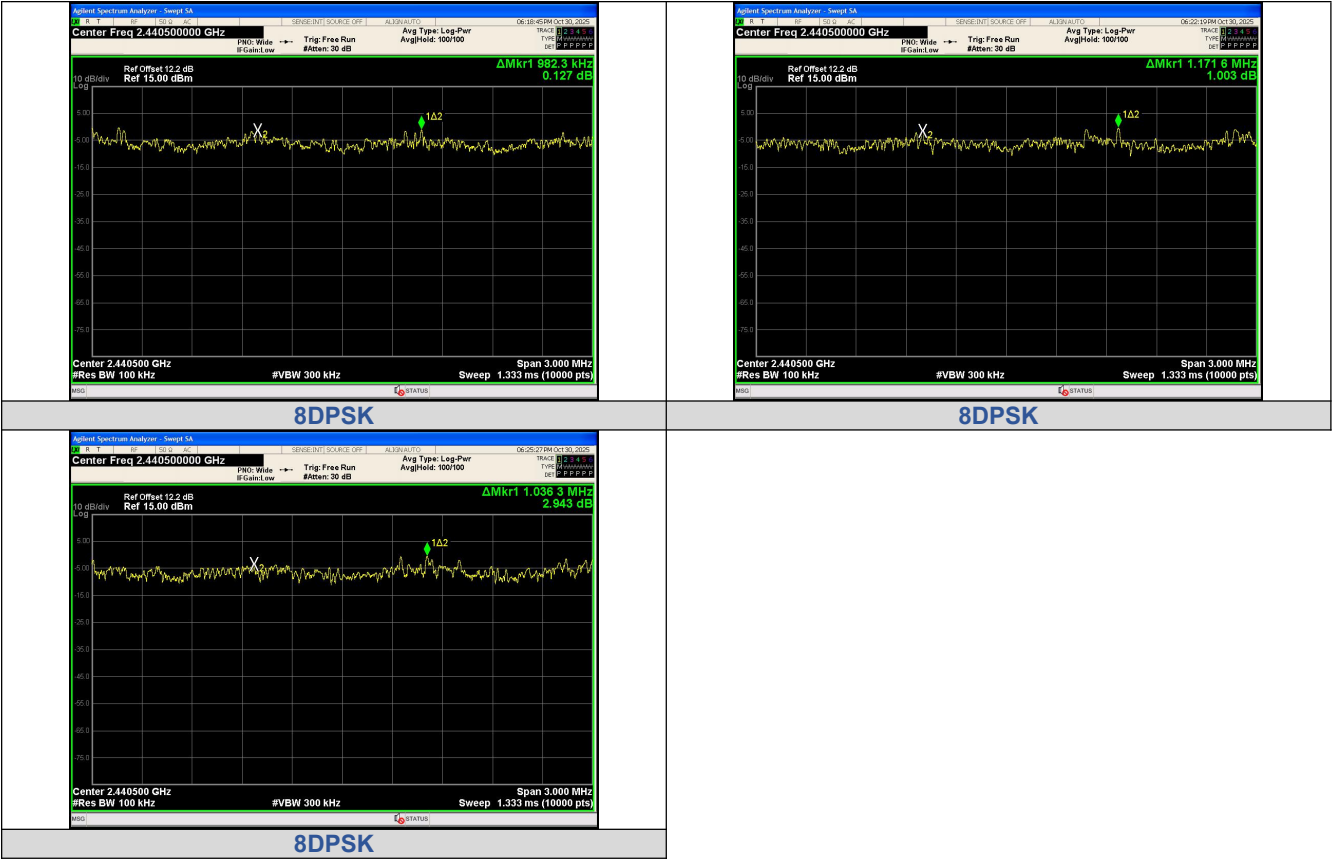
APPENDIX IV. Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2439.9946	2440.859	0.8644	0.7	PASS
GFSK	DH5	2440.0312	2441.0033	0.9721	0.7	PASS
GFSK	DH5	2440.036	2440.9916	0.9556	0.7	PASS
$\pi/4$ DQPSK	2-DH5	2440.1401	2441.0303	0.8902	0.887	PASS
$\pi/4$ DQPSK	2-DH5	2439.8086	2440.8494	1.0408	0.887	PASS
$\pi/4$ DQPSK	2-DH5	2440.0075	2441.0261	1.0186	0.887	PASS
8DPSK	3-DH5	2439.9913	2440.9736	0.9823	0.873	PASS
8DPSK	3-DH5	2439.9985	2441.1701	1.1716	0.873	PASS
8DPSK	3-DH5	2439.9706	2441.0069	1.0363	0.873	PASS

Test Graphs





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

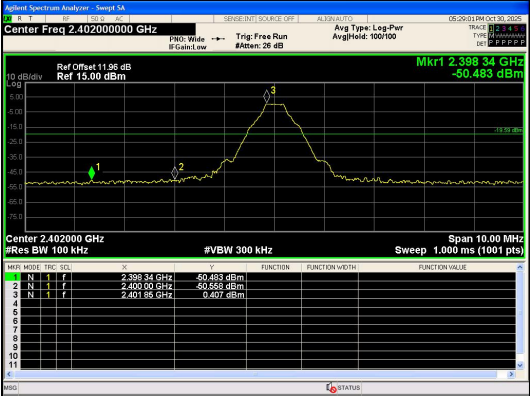
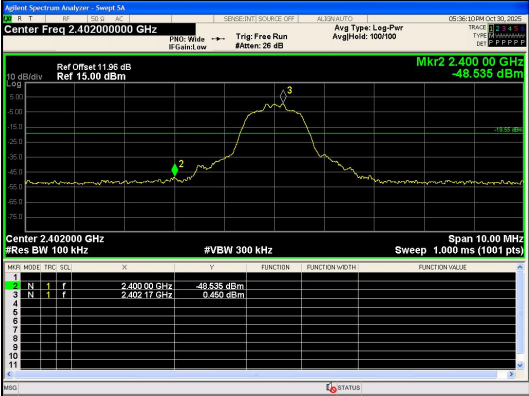
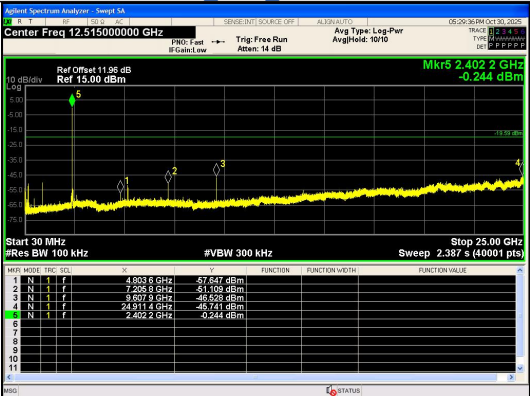
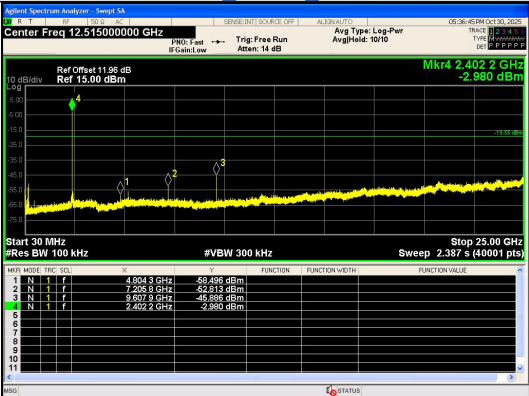
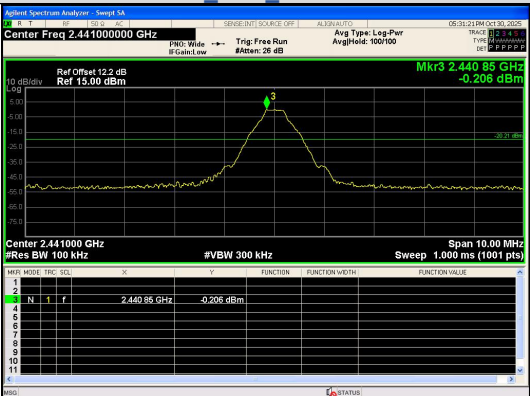
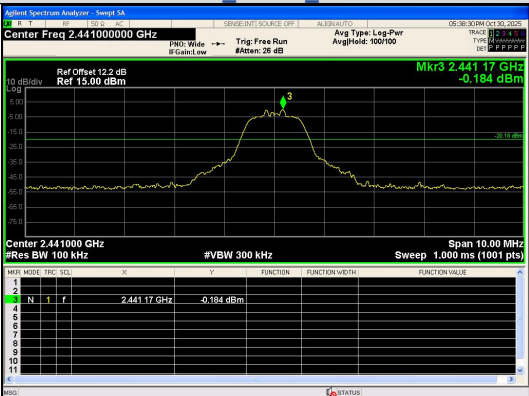
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2398.34	-50.483	-19.59	-30.893	PASS
			2400.00	-50.558	-19.59	-30.968	PASS
			4803.60	-57.647	-19.59	-38.057	PASS
			7205.80	-51.108	-19.59	-31.518	PASS
			9607.90	-46.528	-19.59	-26.938	PASS
			24911.4	-45.741	-19.59	-26.151	PASS
		39	4882.30	-53.830	-20.21	-33.620	PASS
			7323.11	-50.839	-20.21	-30.629	PASS
			9763.93	-44.741	-20.21	-24.531	PASS
		78	2483.50	-51.050	-19.79	-31.260	PASS
			4959.70	-52.107	-19.79	-32.317	PASS
			7439.85	-50.386	-19.79	-30.596	PASS
			9919.99	-45.234	-19.79	-25.444	PASS
			24933.8	-45.069	-19.79	-25.279	PASS
$\pi/4$ DQPSK	2-DH5	0	2400.00	-48.535	-19.55	-28.985	PASS
			4804.26	-58.496	-19.55	-38.946	PASS
			7205.75	-52.813	-19.55	-33.263	PASS
			9607.87	-45.886	-19.55	-26.336	PASS
		39	4882.30	-54.414	-20.18	-34.234	PASS
			7323.11	-52.439	-20.18	-32.259	PASS
			9763.93	-45.377	-20.18	-25.197	PASS
		78	2483.50	-51.208	-19.8	-31.408	PASS
			4960.33	-52.747	-19.8	-32.947	PASS
			7439.85	-52.213	-19.8	-32.413	PASS
8DPSK	3-DH5	0	2400.00	-49.097	-19.69	-29.407	PASS
			4804.26	-58.613	-19.69	-38.923	PASS
			7206.38	-54.239	-19.69	-34.549	PASS
			9607.87	-46.490	-19.69	-26.800	PASS
		39	4882.30	-55.423	-20.57	-34.853	PASS
			7323.11	-54.840	-20.57	-34.270	PASS
			9763.93	-44.887	-20.57	-24.317	PASS
		78	2483.50	-51.292	-19.78	-31.512	PASS
			4959.70	-50.918	-19.78	-31.138	PASS
			7440.47	-55.106	-19.78	-35.326	PASS
			9919.99	-45.642	-19.78	-25.862	PASS
			24892.0	-45.638	-19.78	-25.858	PASS

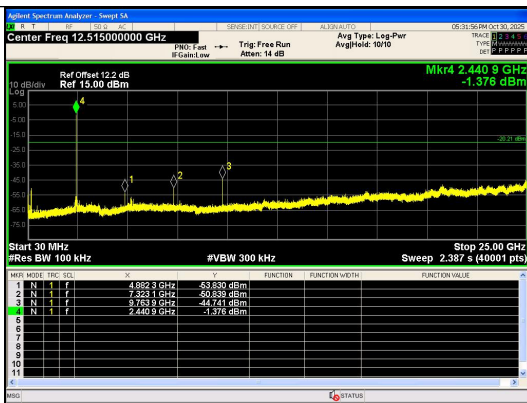
Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2396.82	-48.855	-19.64	-29.215	PASS
			2400.00	-51.409	-19.64	-31.769	PASS
			2483.50	-50.954	-19.82	-31.134	PASS
			2395.37	-49.025	-19.65	-29.375	PASS
			2400.00	-51.734	-19.65	-32.084	PASS
			2483.50	-51.018	-20.01	-31.008	PASS
			2397.48	-48.561	-19.67	-28.891	PASS
			2400.00	-51.644	-19.67	-31.974	PASS
2483.50	-50.775		-19.95	-30.825	PASS		
π/4DQPSK	2-DH5		2397.48	-49.512	-19.68	-29.832	PASS
			2400.00	-51.975	-19.68	-32.295	PASS
			2483.50	-50.000	-22.45	-27.550	PASS
			2396.98	-49.554	-19.57	-29.984	PASS
			2400.00	-51.293	-19.57	-31.723	PASS
			2483.50	-51.433	-19.83	-31.603	PASS
			2395.52	-49.099	-20.49	-28.609	PASS
		2400.00	-50.727	-20.49	-30.237	PASS	

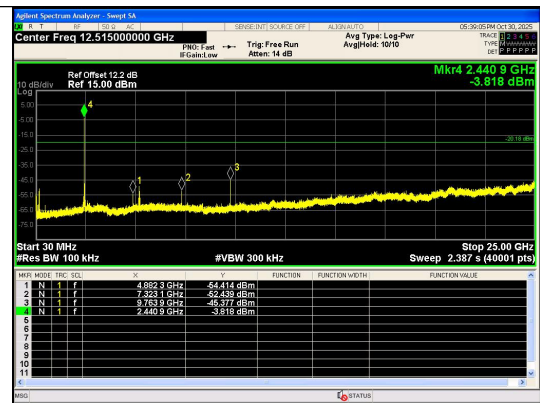
8DPSK	3-DH5		2483.50	-50.232	-19.81	-30.422	PASS
			2395.73	-49.511	-19.66	-29.851	PASS
			2400.00	-50.535	-19.66	-30.875	PASS
			2483.50	-50.623	-21.21	-29.413	PASS
			2395.18	-48.884	-20.1	-28.784	PASS
			2400.00	-50.360	-20.1	-30.260	PASS
			2483.50	-51.124	-19.99	-31.134	PASS
			2397.53	-49.036	-21.08	-27.956	PASS
			2400.00	-50.364	-21.08	-29.284	PASS
			2483.50	-51.305	-19.82	-31.485	PASS

Test Graphs

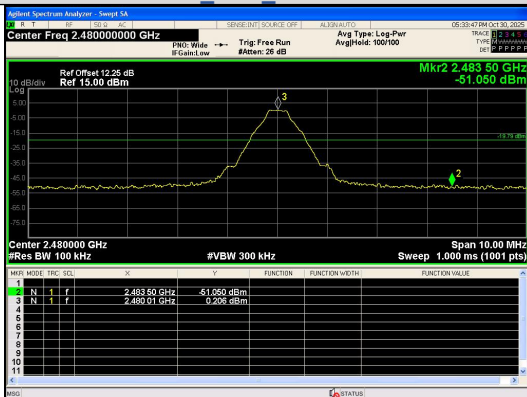
	
Out Of Band Emission GFSK_DH5_Channel 0	Out Of Band Emission $\pi/4$ DQPSK_2-DH5_Channel 0
	
30.0 MHz - 25000.0 MHz GFSK_DH5_Channel 0	30.0 MHz - 25000.0 MHz $\pi/4$ DQPSK_2-DH5_Channel 0
	
Out Of Band Emission GFSK_DH5_Channel 39	Out Of Band Emission $\pi/4$ DQPSK_2-DH5_Channel 39



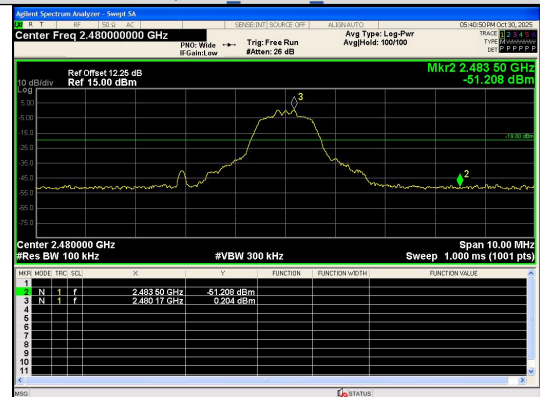
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 39



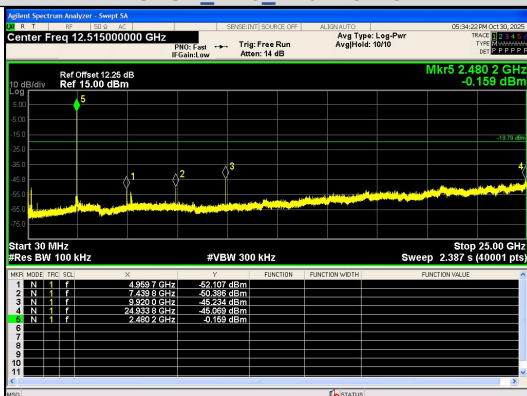
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 39



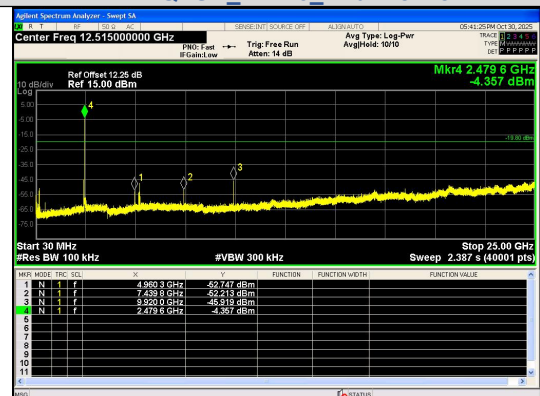
Out Of Band Emission
GFSK_DH5_Channel 78



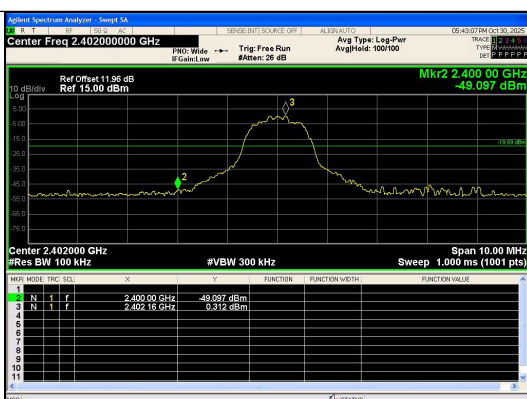
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78



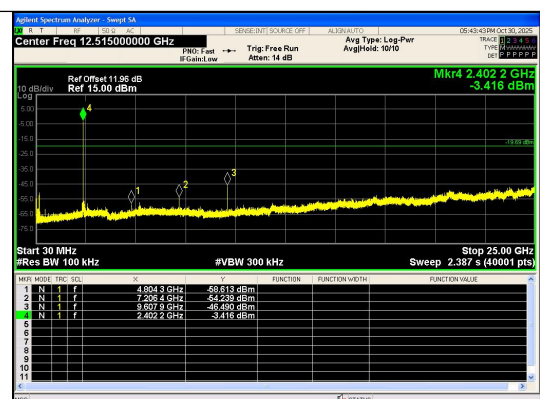
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 78



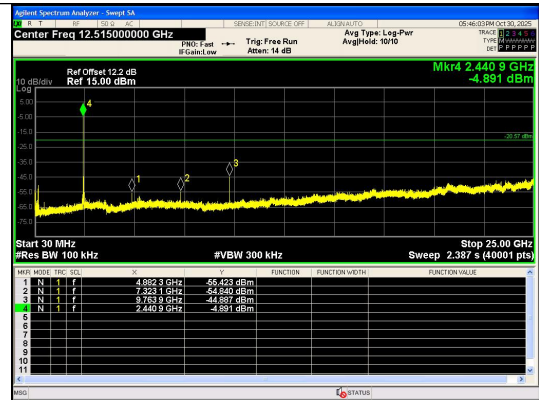
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 78



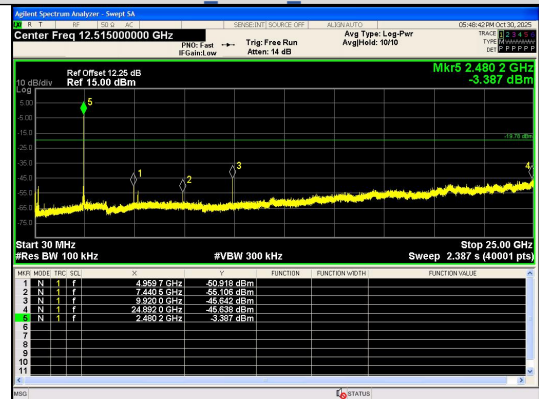
Out Of Band Emission
8DPSK_3-DH5_Channel 0



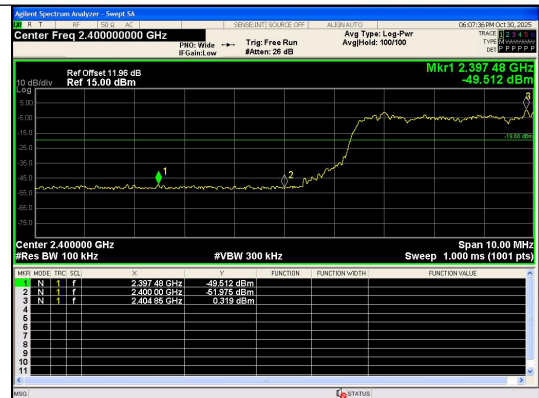
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 0



30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39



30.0 MHz - 25000.0 MHz
8DPSK 3-DH5 Channel 78



Out Of Band Emission(Left)
 $\pi/4$ DQPSK 2-DH5 Channel Hopping



Out Of Band Emission(Right)
 $\pi/4$ DQPSK 2-DH5 Channel Hopping