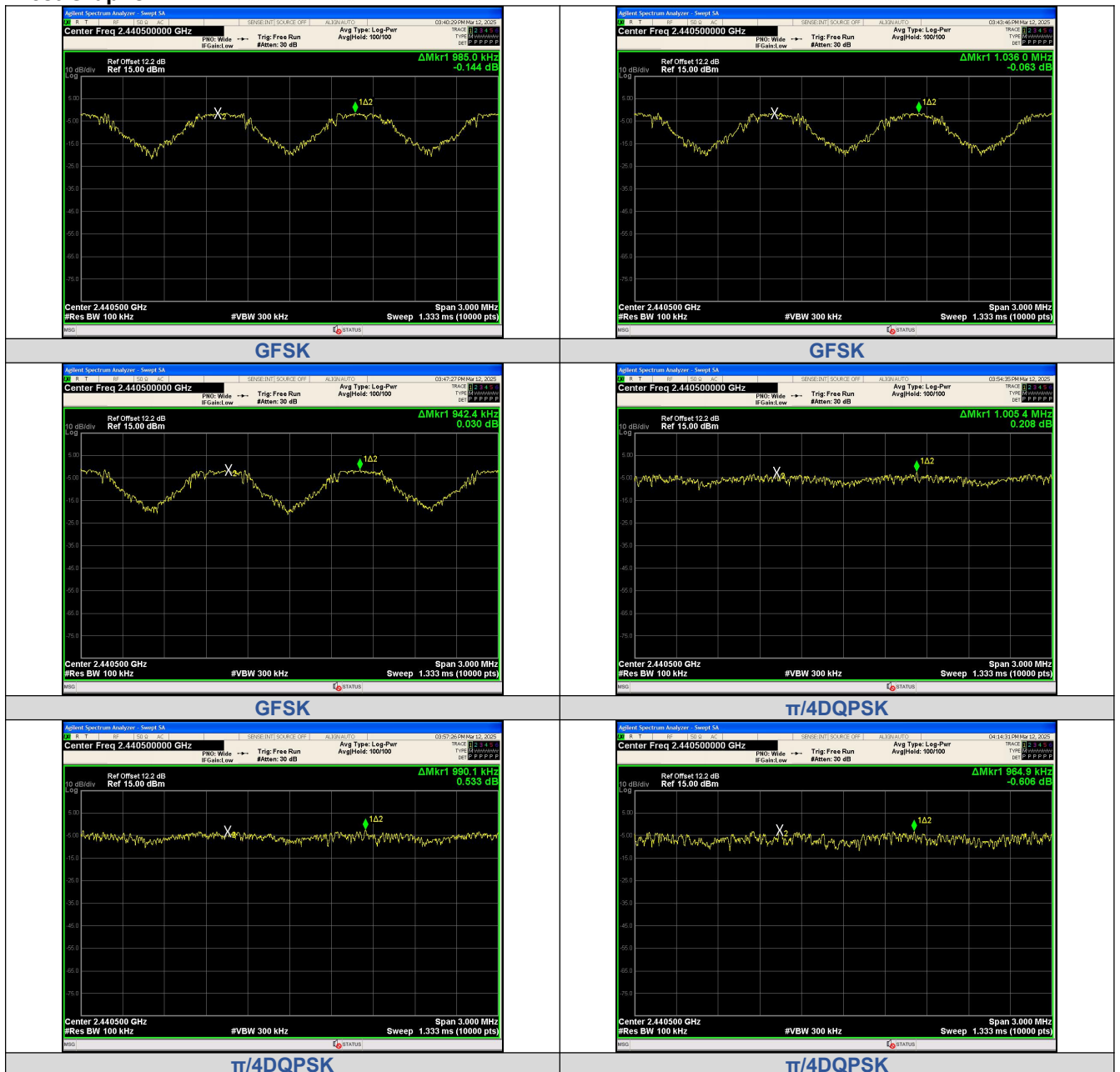


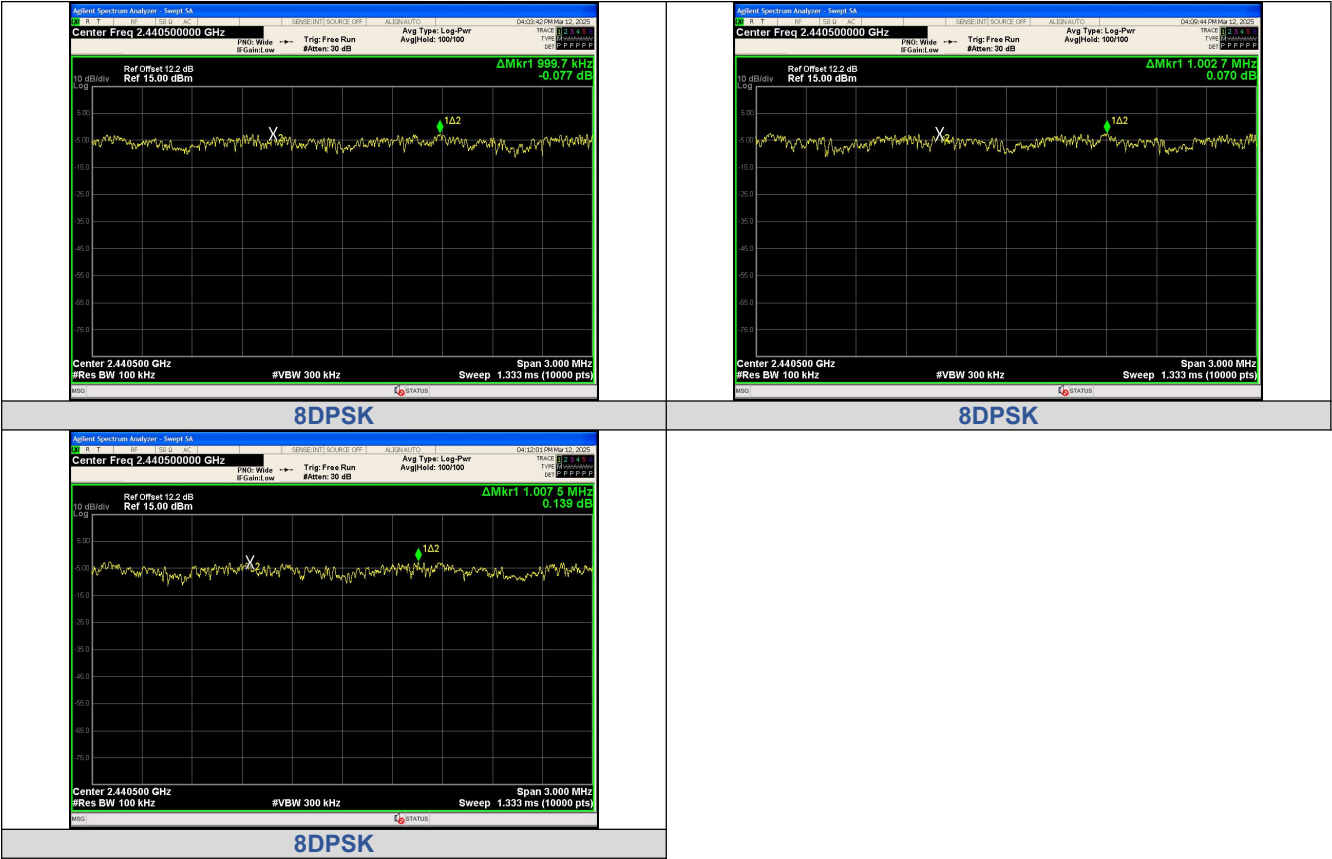
APPENDIX IV. Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2439.9838	2440.9688	0.9850	0.648	PASS
GFSK	DH5	2440.006	2441.042	1.0360	0.681	PASS
GFSK	DH5	2440.0618	2441.0042	0.9424	0.685	PASS
$\pi/4$ DQPSK	2-DH5	2440.021	2441.0264	1.0054	0.905	PASS
$\pi/4$ DQPSK	2-DH5	2440.0534	2441.0435	0.9901	0.906	PASS
$\pi/4$ DQPSK	2-DH5	2440.0432	2441.0081	0.9649	0.906	PASS
8DPSK	3-DH5	2440.0852	2441.0849	0.9997	0.895	PASS
8DPSK	3-DH5	2440.0993	2441.102	1.0027	0.893	PASS
8DPSK	3-DH5	2439.9463	2440.9538	1.0075	0.897	PASS

Test Graphs





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

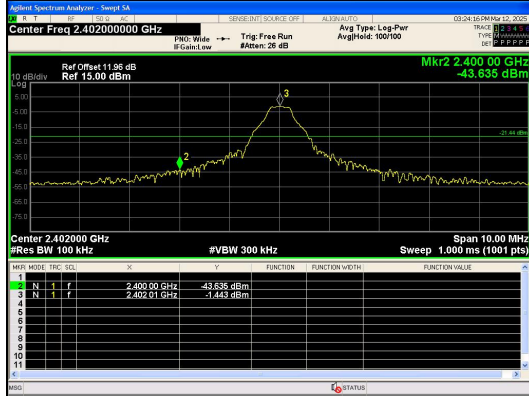
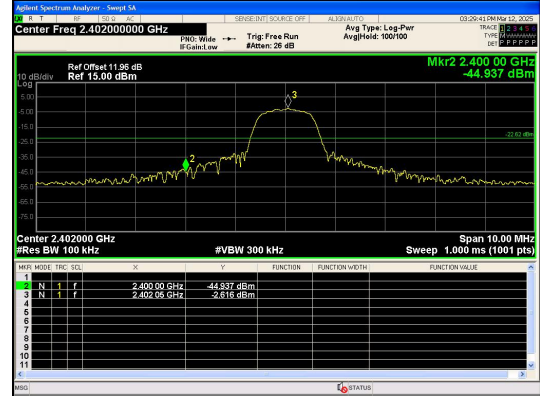
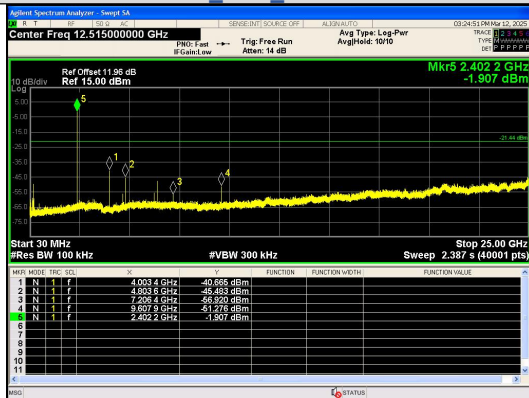
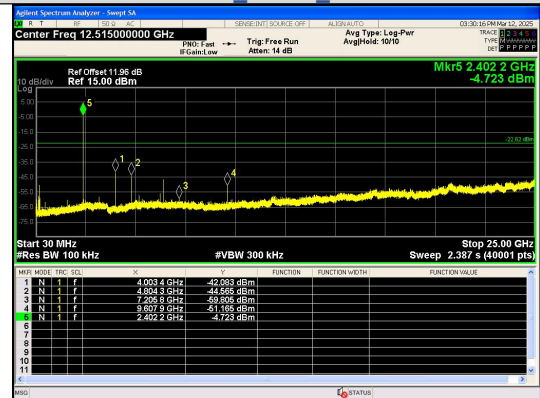
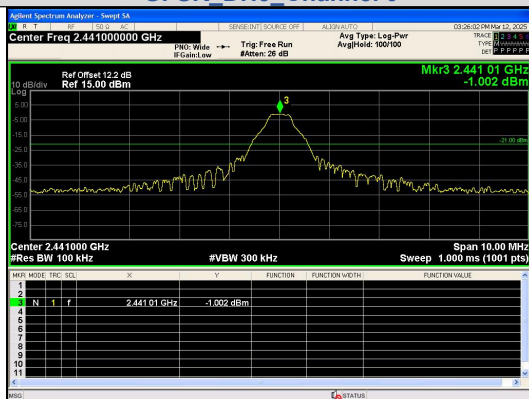
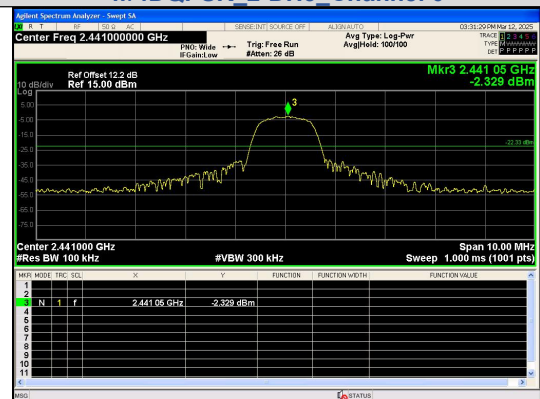
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-43.635	-21.44	-22.195	PASS
			4003.35	-40.665	-21.44	-19.225	PASS
			4803.64	-45.483	-21.44	-24.043	PASS
			7206.38	-56.920	-21.44	-35.480	PASS
			9607.87	-51.276	-21.44	-29.836	PASS
		39	4882.30	-41.246	-21.0	-20.246	PASS
			7323.11	-57.432	-21.0	-36.432	PASS
			9763.93	-50.498	-21.0	-29.498	PASS
		78	2483.50	-50.289	-21.0	-29.289	PASS
			4960.33	-43.097	-21.0	-22.097	PASS
			7439.85	-58.535	-21.0	-37.535	PASS
			9919.99	-51.475	-21.0	-30.475	PASS
π /4DQPSK	2-DH5	0	2400.00	-44.937	-22.62	-22.317	PASS
			4003.35	-42.083	-22.62	-19.463	PASS
			4804.26	-44.565	-22.62	-21.945	PASS
			7205.75	-59.805	-22.62	-37.185	PASS
			9607.87	-51.165	-22.62	-28.545	PASS
		39	4882.30	-43.068	-22.33	-20.738	PASS
			7323.11	-59.971	-22.33	-37.641	PASS
			9763.93	-50.093	-22.33	-27.763	PASS
		78	2483.50	-51.142	-22.39	-28.752	PASS
			4960.33	-43.725	-22.39	-21.335	PASS
			7440.47	-58.194	-22.39	-35.804	PASS
			9919.99	-51.514	-22.39	-29.124	PASS
8DPSK	3-DH5	0	2400.00	-44.440	-22.51	-21.930	PASS
			4003.35	-42.477	-22.51	-19.967	PASS
			4804.26	-44.774	-22.51	-22.264	PASS
			7205.75	-56.941	-22.51	-34.430	PASS
			9607.87	-51.066	-22.51	-28.556	PASS
		39	4068.27	-43.473	-22.13	-21.343	PASS
			4882.30	-44.307	-22.13	-22.177	PASS
			7323.11	-58.684	-22.13	-36.554	PASS
			9763.93	-49.856	-22.13	-27.726	PASS
		78	2483.50	-48.937	-22.12	-26.817	PASS
			4959.70	-41.716	-22.12	-19.596	PASS
			7440.47	-59.449	-22.12	-37.329	PASS
			9919.99	-51.387	-22.12	-29.267	PASS

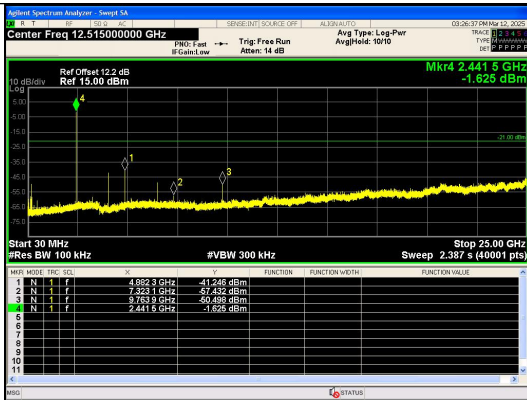
Hopping

Hopping							
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2395.94	-49.458	-21.48	-27.978	PASS
			2400.00	-51.755	-21.48	-30.275	PASS
			2483.50	-50.555	-21.14	-29.415	PASS
			2397.53	-49.678	-21.38	-28.298	PASS
			2400.00	-51.123	-21.38	-29.743	PASS
			2483.50	-50.604	-20.95	-29.654	PASS
			2396.28	-50.491	-21.4	-29.091	PASS
			2400.00	-51.198	-21.4	-29.798	PASS
2483.50	-51.063		-21.07	-29.993	PASS		
π/4DQPSK	2-DH5		2398.95	-48.441	-22.91	-25.531	PASS
			2400.00	-51.649	-22.91	-28.739	PASS
			2483.50	-51.222	-22.24	-28.982	PASS
			2398.61	-49.455	-22.74	-26.715	PASS
			2400.00	-50.993	-22.74	-28.253	PASS
			2483.50	-50.981	-22.03	-28.951	PASS
			2400.00	-45.978	-23.31	-22.668	PASS
		2483.50	-50.509	-22.21	-28.299	PASS	

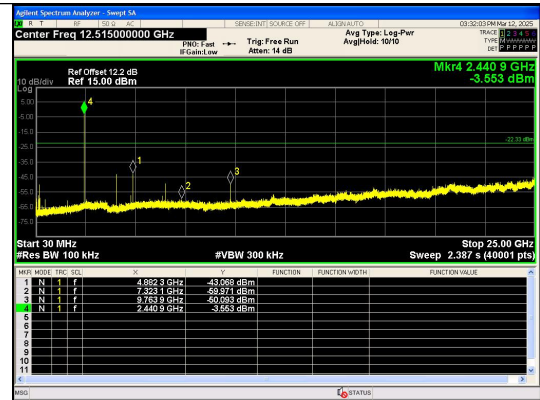
8DPSK	3-DH5		2400.00	-46.757	-22.47	-24.287	PASS
			2483.50	-51.538	-22.32	-29.218	PASS
			2395.54	-49.835	-22.63	-27.205	PASS
			2400.00	-50.104	-22.63	-27.474	PASS
			2483.50	-51.989	-22.27	-29.719	PASS
			2395.32	-50.578	-22.48	-28.098	PASS
			2400.00	-52.795	-22.48	-30.315	PASS
			2483.50	-50.397	-22.16	-28.237	PASS

Test Graphs

Out Of Band Emission
GFSK DH5 Channel 0Out Of Band Emission
 $\pi/4$ DQPSK 2-DH5 Channel 030.0 MHz - 25000.0 MHz
GFSK DH5 Channel 030.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK 2-DH5 Channel 0Out Of Band Emission
GFSK DH5 Channel 39Out Of Band Emission
 $\pi/4$ DQPSK 2-DH5 Channel 39



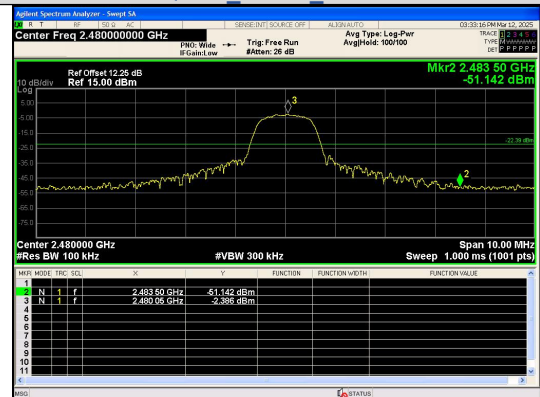
30.0 MHz - 25000.0 MHz
GFSK DH5 Channel 39



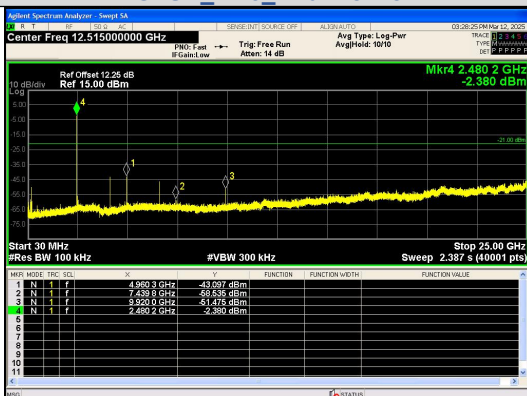
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK 2-DH5 Channel 39



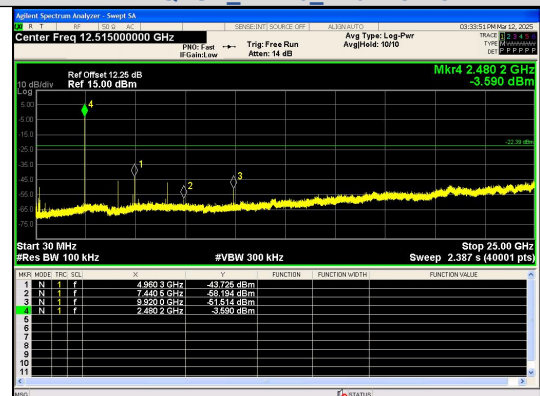
Out Of Band Emission
GFSK DH5 Channel 78



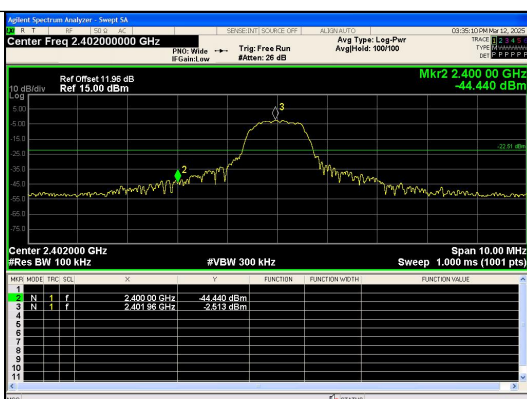
Out Of Band Emission
 $\pi/4$ DQPSK 2-DH5 Channel 78



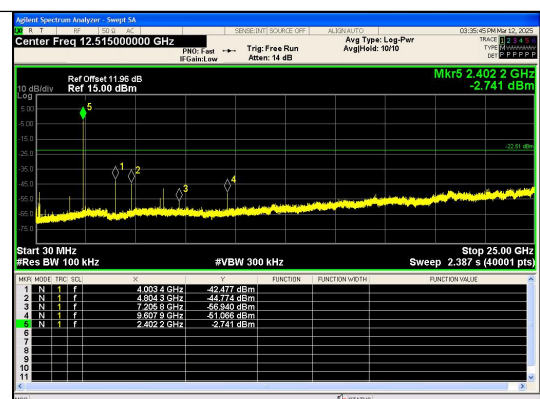
30.0 MHz - 25000.0 MHz
GFSK DH5 Channel 78



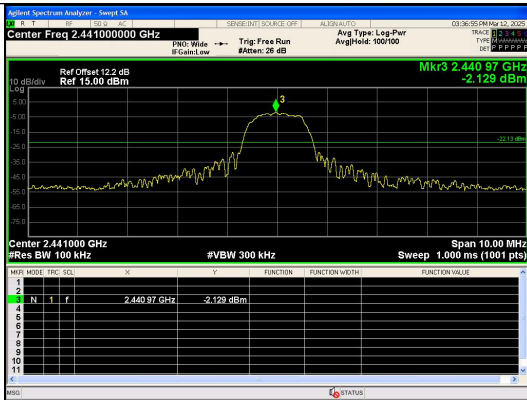
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK 2-DH5 Channel 78



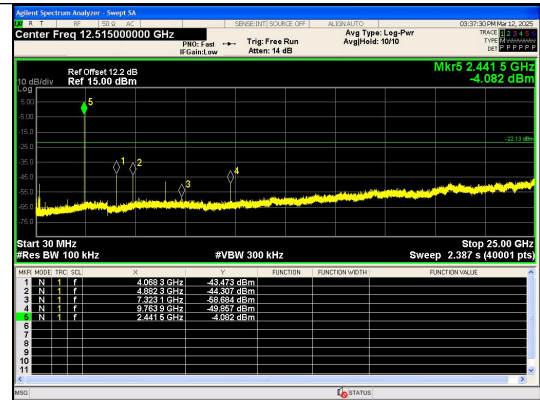
Out Of Band Emission
8DPSK 3-DH5 Channel 0



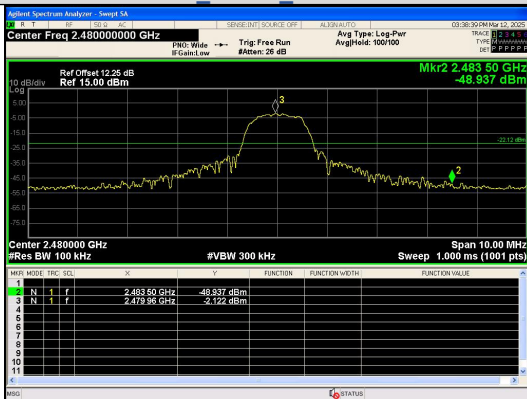
30.0 MHz - 25000.0 MHz
8DPSK 3-DH5 Channel 0



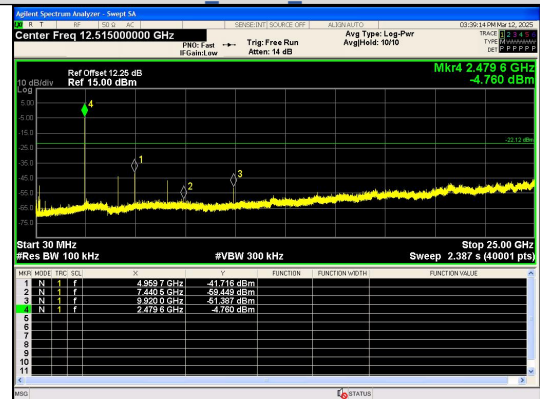
**Out Of Band Emission
8DPSK_3-DH5_Channel 39**



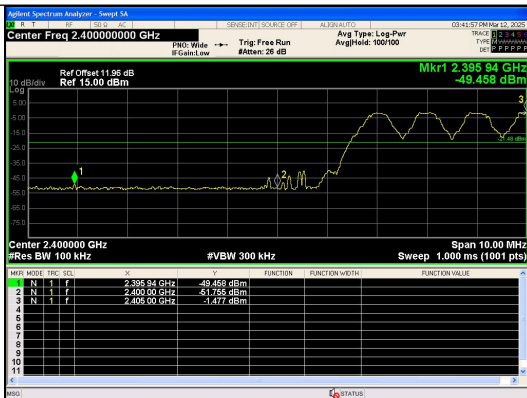
**30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39**



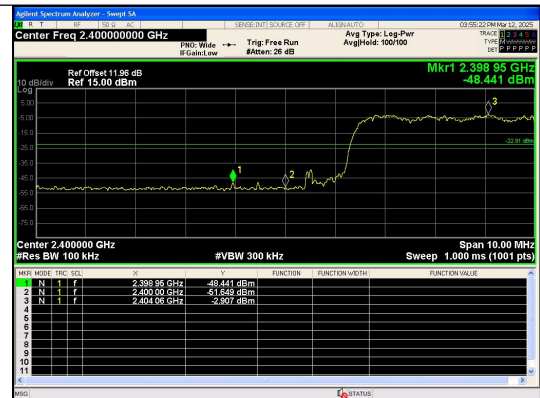
**Out Of Band Emission
8DPSK_3-DH5_Channel 78**



**30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 78**



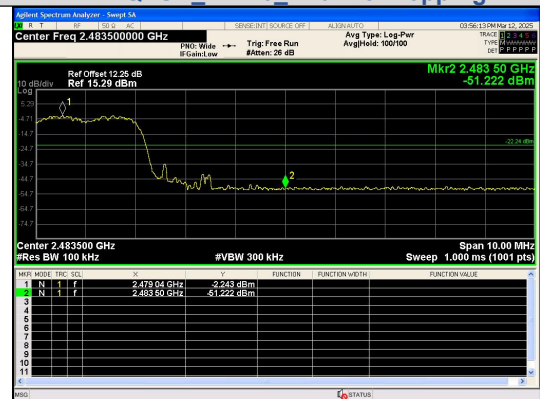
**Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping**



**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**