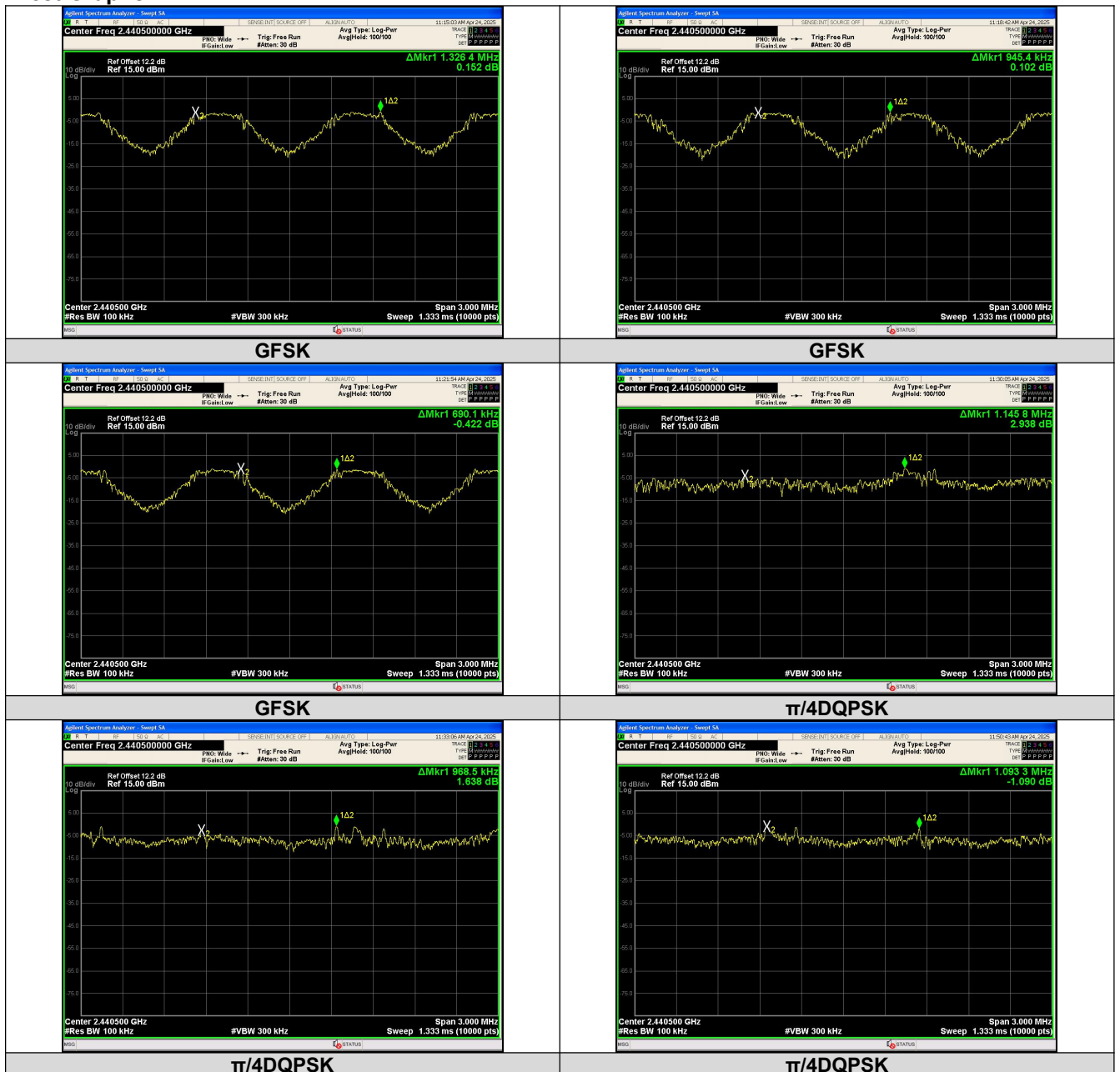


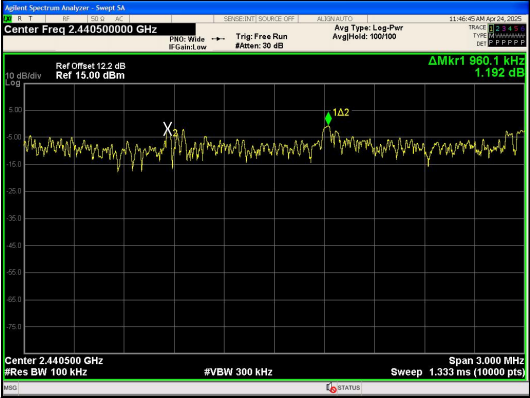
APPENDIX IV. Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2439.8239	2441.1503	1.3264	0.687	PASS
GFSK	DH5	2439.8887	2440.8341	0.9454	0.687	PASS
GFSK	DH5	2440.1491	2440.8392	0.6901	0.687	PASS
$\pi/4$ DQPSK	2-DH5	2439.7942	2440.94	1.1458	0.875	PASS
$\pi/4$ DQPSK	2-DH5	2439.8671	2440.8356	0.9685	0.875	PASS
$\pi/4$ DQPSK	2-DH5	2439.9499	2441.0432	1.0933	0.875	PASS
8DPSK	3-DH5	2439.826	2440.961	1.1350	0.876	PASS
8DPSK	3-DH5	2439.8221	2441.1149	1.2928	0.876	PASS
8DPSK	3-DH5	2439.8617	2440.8218	0.9601	0.876	PASS

Test Graphs





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

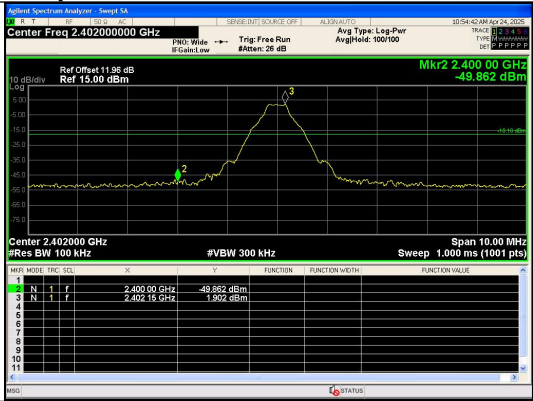
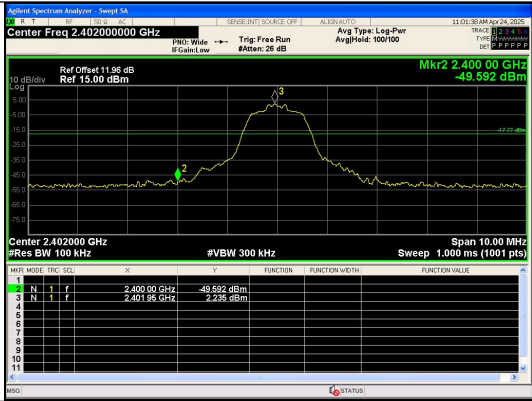
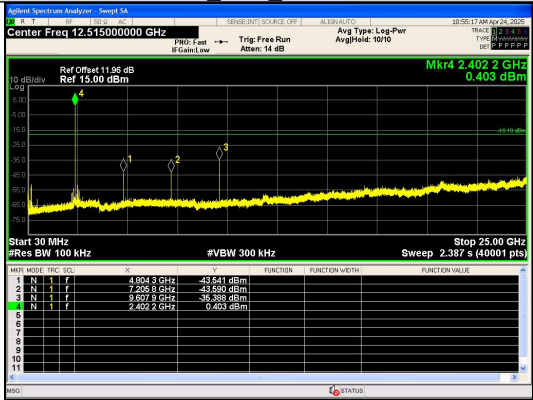
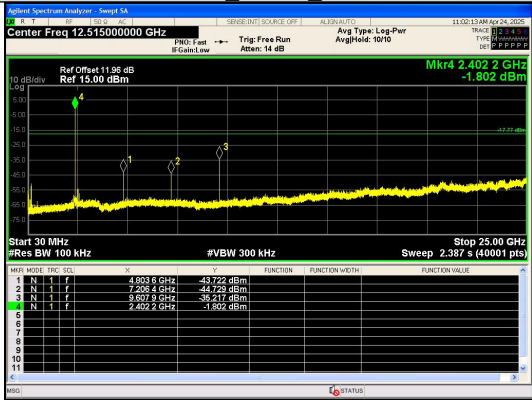
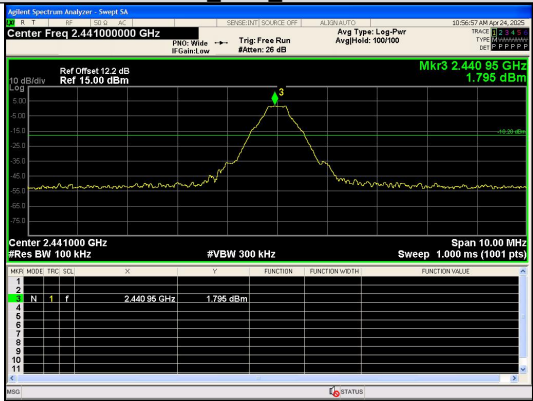
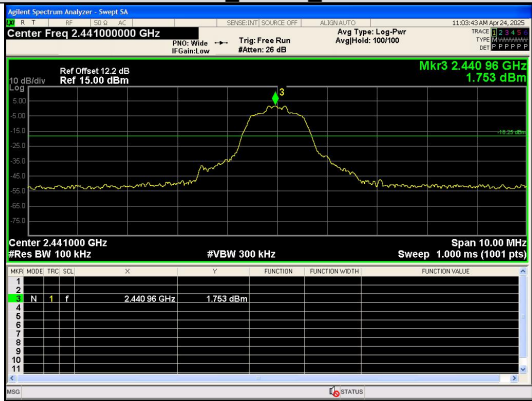
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-49.862	-18.1	-31.762	PASS
			4804.26	-43.541	-18.1	-25.441	PASS
			7205.75	-43.590	-18.1	-25.490	PASS
			9607.87	-35.388	-18.1	-17.288	PASS
		39	4881.67	-44.732	-18.2	-26.532	PASS
			7323.11	-44.166	-18.2	-25.966	PASS
			9763.93	-35.226	-18.2	-17.026	PASS
			2483.50	-51.621	-18.45	-33.171	PASS
		78	4959.70	-43.707	-18.45	-25.257	PASS
			7439.85	-43.942	-18.45	-25.492	PASS
			9919.99	-34.920	-18.45	-16.470	PASS
			π/4DQPSK	2-DH5	0	2400.00	-49.592
4803.64	-43.722	-17.77				-25.952	PASS
7206.38	-44.729	-17.77				-26.959	PASS
9607.87	-35.217	-17.77				-17.447	PASS
39	4882.30	-46.877			-18.25	-28.627	PASS
	7323.11	-47.873			-18.25	-29.623	PASS
	9763.93	-34.861			-18.25	-16.611	PASS
	2483.50	-50.839			-18.45	-32.389	PASS
78	4959.70	-49.109			-18.45	-30.659	PASS
	7439.85	-45.283			-18.45	-26.833	PASS
	9919.99	-34.661			-18.45	-16.211	PASS
	8DPSK	3-DH5			0	2400.00	-49.545
4803.64			-48.158	-18.0		-30.158	PASS
7205.75			-48.110	-18.0		-30.110	PASS
9607.87			-35.493	-18.0		-17.493	PASS
39			4882.30	-49.380	-21.03	-28.350	PASS
			7323.11	-49.506	-21.03	-28.476	PASS
			9763.93	-35.710	-21.03	-14.680	PASS
			2483.50	-50.964	-21.0	-29.964	PASS
78			4960.33	-50.157	-21.0	-29.157	PASS
			7439.85	-46.999	-21.0	-25.999	PASS
			9919.99	-35.352	-21.0	-14.352	PASS

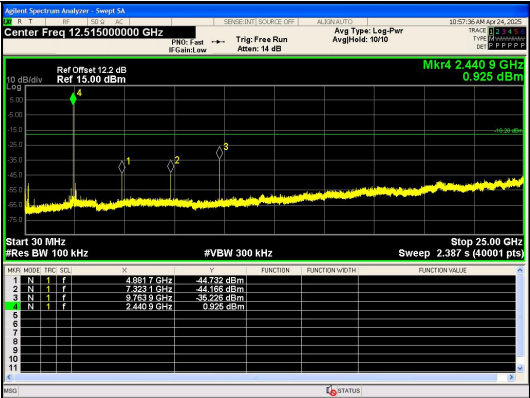
Hopping

Hopping							
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2396.57	-48.751	-20.23	-28.521	PASS
			2400.00	-51.716	-20.23	-31.486	PASS
			2483.50	-50.838	-21.49	-29.348	PASS
			2397.36	-50.067	-20.5	-29.567	PASS
			2400.00	-51.578	-20.5	-31.078	PASS
			2483.50	-51.220	-21.3	-29.920	PASS
			2397.03	-49.472	-20.25	-29.222	PASS
			2400.00	-51.320	-20.25	-31.070	PASS
2483.50	-50.935		-21.36	-29.575	PASS		
π/4DQPSK	2-DH5		2396.18	-48.784	-20.66	-28.124	PASS
			2400.00	-51.916	-20.66	-31.256	PASS
			2483.50	-51.484	-21.42	-30.064	PASS
			2398.09	-49.811	-21.89	-27.921	PASS
			2400.00	-51.844	-21.89	-29.954	PASS
			2483.50	-50.320	-21.22	-29.100	PASS
			2398.46	-49.378	-20.36	-29.018	PASS
			2400.00	-51.698	-20.36	-31.338	PASS
2483.50	-50.100		-21.32	-28.780	PASS		
8DPSK	3-DH5		2398.03	-50.263	-20.68	-29.583	PASS
			2400.00	-52.118	-20.68	-31.438	PASS
		2483.50	-51.725	-21.4	-30.325	PASS	

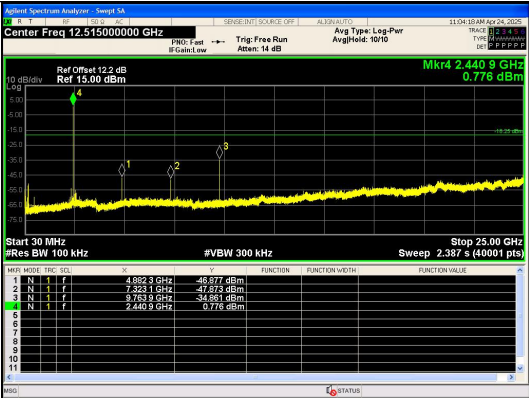
			2395.53	-50.100	-21.27	-28.830	PASS
			2400.00	-52.109	-21.27	-30.839	PASS
			2483.50	-50.780	-21.96	-28.820	PASS
			2398.72	-49.471	-20.17	-29.301	PASS
			2400.00	-51.671	-20.17	-31.501	PASS
			2483.50	-51.229	-20.85	-30.379	PASS

Test Graphs

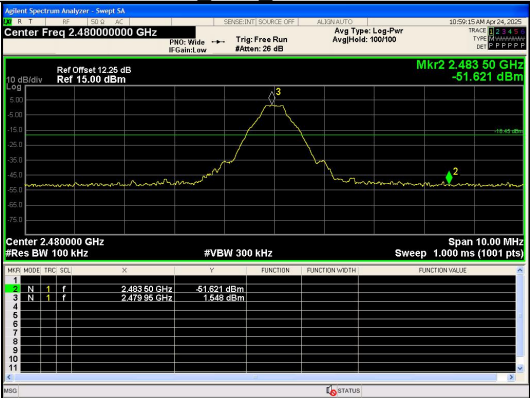
	
Out Of Band Emission GFSK_DH5_Channel 0	Out Of Band Emission π/4DQPSK_2-DH5_Channel 0
	
30.0 MHz - 25000.0 MHz GFSK_DH5_Channel 0	30.0 MHz - 25000.0 MHz π/4DQPSK_2-DH5_Channel 0
	
Out Of Band Emission GFSK_DH5_Channel 39	Out Of Band Emission π/4DQPSK_2-DH5_Channel 39



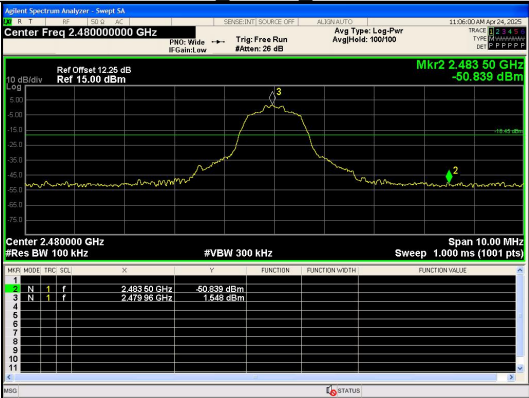
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 39



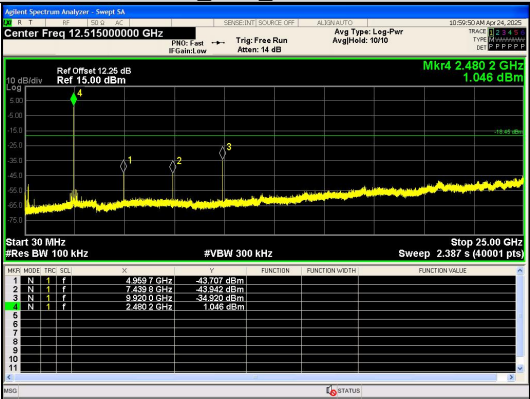
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 39



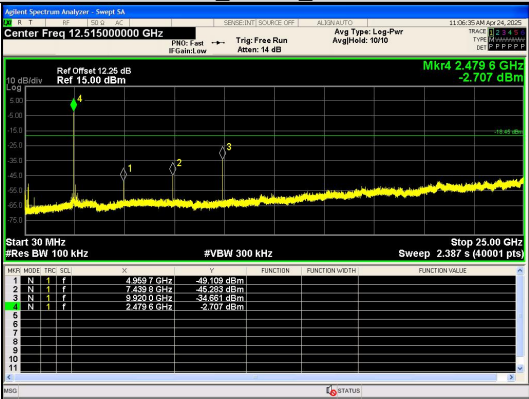
Out Of Band Emission
GFSK_DH5_Channel 78



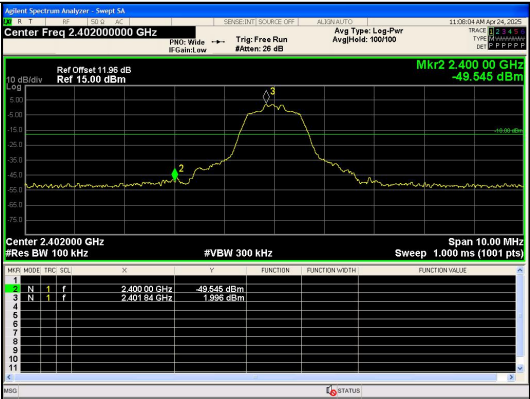
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78



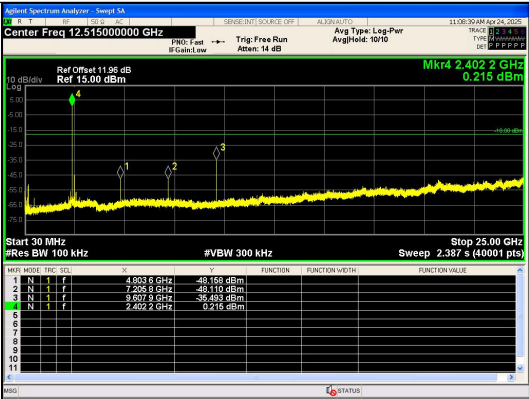
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 78



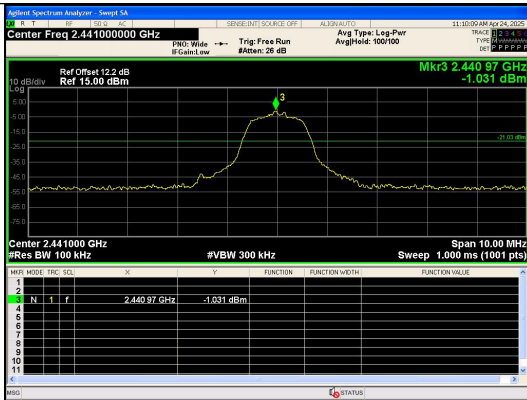
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 78



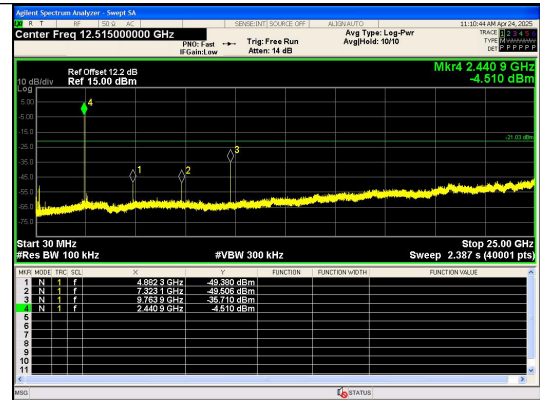
Out Of Band Emission
8DPSK_3-DH5_Channel 0



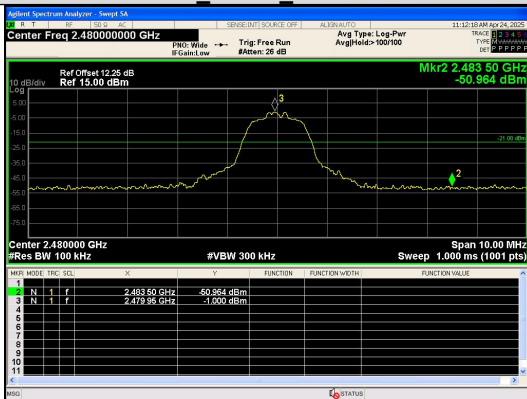
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 0



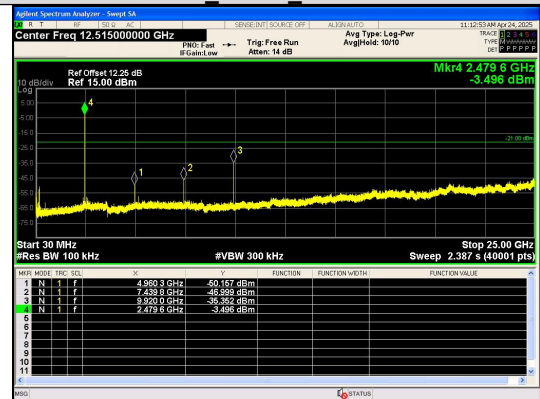
**Out Of Band Emission
8DPSK_3-DH5_Channel 39**



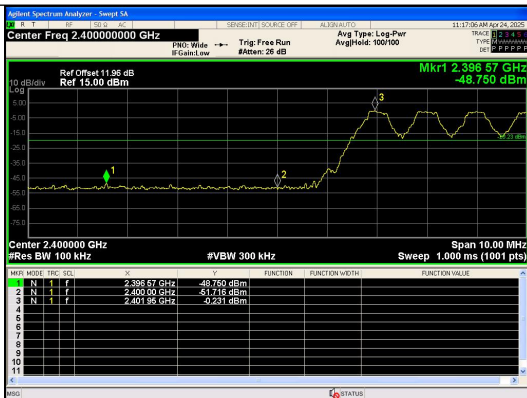
**30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39**



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



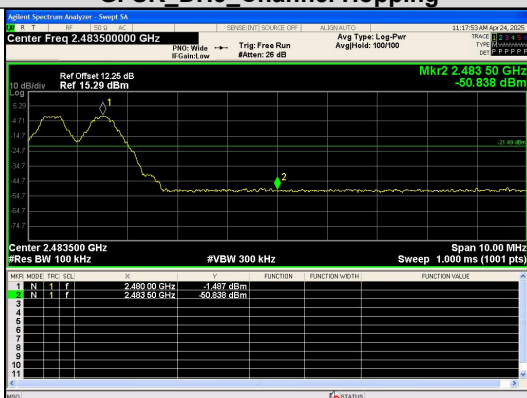
**30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 78**



**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**