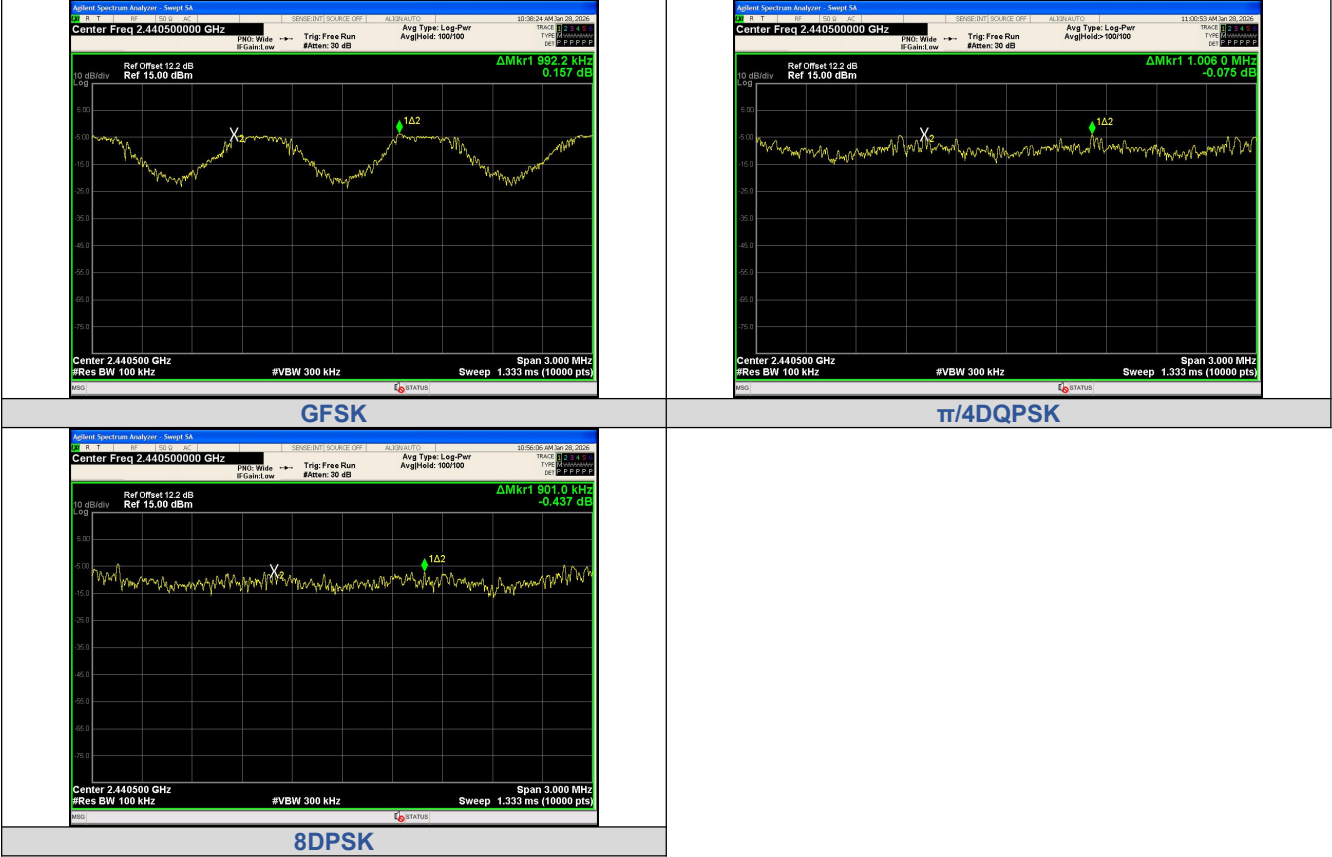


APPENDIX IV. Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2439.85	2440.8422	0.9922	0.695	PASS
$\pi/4$ DQPSK	2-DH5	2440.0072	2441.0132	1.0060	0.885	PASS
8DPSK	3-DH5	2440.0903	2440.9913	0.9010	0.871	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	2398.35	-49.653	-21.14	-28.513	PASS
			2400.00	-51.075	-21.14	-29.935	PASS
			4803.60	-54.520	-21.14	-33.380	PASS
			7205.80	-50.213	-21.14	-29.073	PASS
			9607.90	-46.699	-21.14	-25.559	PASS
			24974.4	-45.425	-21.14	-24.285	PASS
		39	4882.30	-54.548	-23.77	-30.778	PASS
			7323.11	-53.826	-23.77	-30.056	PASS
			9763.93	-45.494	-23.77	-21.724	PASS
		78	2483.50	-51.567	-23.16	-28.407	PASS
			4959.70	-53.070	-23.16	-29.910	PASS
			7439.85	-50.315	-23.16	-27.155	PASS
			9919.99	-45.960	-23.16	-22.800	PASS
			24878.3	-45.747	-23.16	-22.587	PASS
$\pi/4$ DQPSK	2-DH5	0	2397.00	-50.200	-23.57	-26.630	PASS
			2400.00	-52.485	-23.57	-28.915	PASS
			4803.60	-59.280	-23.57	-35.710	PASS
			7205.80	-55.363	-23.57	-31.793	PASS
			9607.90	-46.596	-23.57	-23.026	PASS
			24963.8	-46.458	-23.57	-22.888	PASS
		39	4881.67	-57.736	-23.79	-33.946	PASS
			7323.11	-53.359	-23.79	-29.569	PASS
			9763.93	-45.011	-23.79	-21.221	PASS
		78	2483.50	-50.737	-23.2	-27.537	PASS
			4959.70	-52.797	-23.2	-29.597	PASS
			7440.47	-54.363	-23.2	-31.163	PASS
			9919.99	-44.915	-23.2	-21.715	PASS
			24963.8	-46.458	-23.57	-22.888	PASS
8DPSK	3-DH5	0	2400.00	-49.741	-23.71	-26.031	PASS
			4803.64	-58.770	-23.71	-35.060	PASS
			7206.38	-54.602	-23.71	-30.892	PASS
			9607.87	-46.275	-23.71	-22.565	PASS
			24986.3	-46.188	-23.71	-22.478	PASS
		39	4882.30	-55.887	-23.76	-32.127	PASS
			7323.11	-54.003	-23.76	-30.243	PASS
			9763.93	-45.836	-23.76	-22.076	PASS
		78	2483.50	-52.358	-23.24	-29.118	PASS
			4960.33	-55.308	-23.24	-32.068	PASS
			7440.47	-52.506	-23.24	-29.266	PASS
			9919.99	-45.007	-23.24	-21.767	PASS

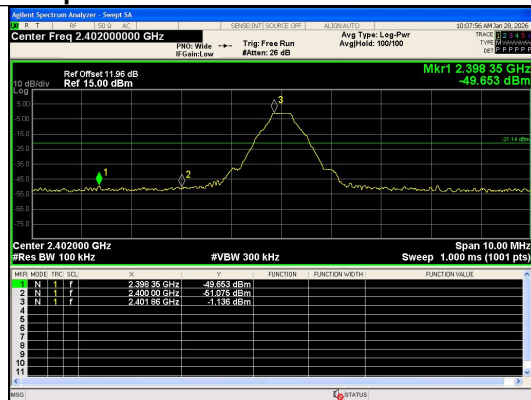
Note: input compensation coefficient (dB)= Cable Loss (dB)

Hopping

Hopping							
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2396.41	-49.379	-23.2	-26.179	PASS
			2400.00	-51.505	-23.2	-28.305	PASS
			2483.50	-50.709	-23.2	-27.509	PASS
			2395.73	-49.602	-23.23	-26.372	PASS
			2400.00	-51.289	-23.23	-28.059	PASS
			2483.50	-50.569	-23.12	-27.449	PASS
			2396.11	-48.344	-23.17	-25.174	PASS
			2400.00	-52.673	-23.17	-29.503	PASS
π/4DQPSK	2-DH5	Hopping	2483.50	-51.437	-23.19	-28.247	PASS
			2396.52	-49.356	-23.26	-26.096	PASS
			2400.00	-52.423	-23.26	-29.163	PASS
			2483.50	-49.905	-24.38	-25.525	PASS
			2397.69	-48.658	-23.34	-25.318	PASS
			2400.00	-51.431	-23.34	-28.091	PASS

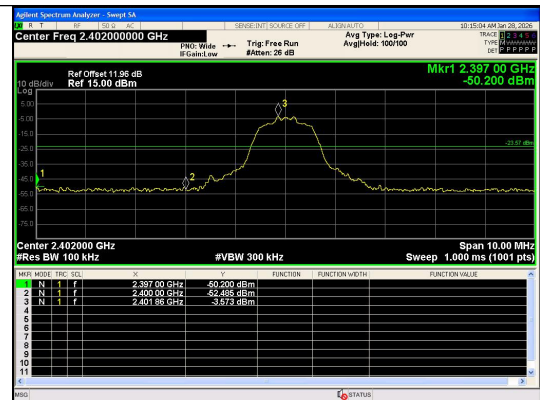
			2483.50	-51.872	-23.77	-28.102	PASS
			2397.05	-49.934	-23.33	-26.604	PASS
			2400.00	-51.931	-23.33	-28.601	PASS
			2483.50	-50.839	-23.28	-27.559	PASS
8DPSK	3-DH5		2398.64	-50.204	-23.34	-26.864	PASS
			2400.00	-51.688	-23.34	-28.348	PASS
			2483.50	-50.926	-23.28	-27.646	PASS
			2398.10	-50.282	-23.66	-26.622	PASS
			2400.00	-51.420	-23.66	-27.760	PASS
			2483.50	-50.416	-23.5	-26.916	PASS
			2396.34	-50.104	-23.83	-26.274	PASS
			2400.00	-51.969	-23.83	-28.139	PASS
			2483.50	-50.694	-23.3	-27.394	PASS
Note: input compensation coefficient (dB)= Cable Loss (dB)							

Test Graphs

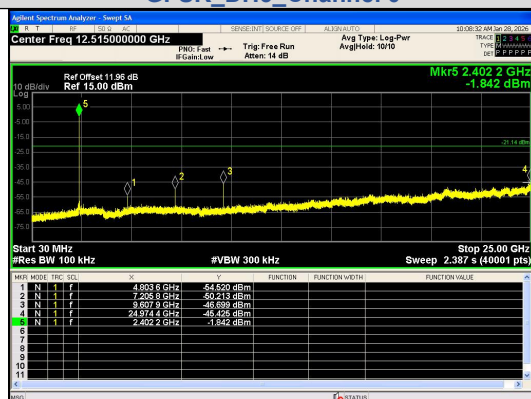


Out Of Band Emission

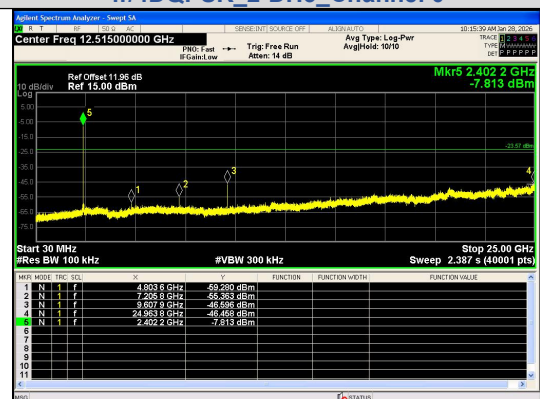
GFSK DH5 Channel 0



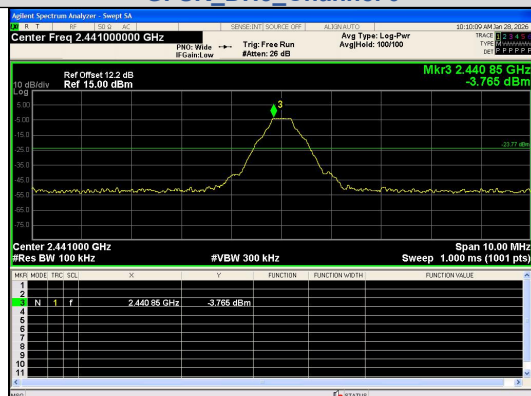
Out Of Band Emission



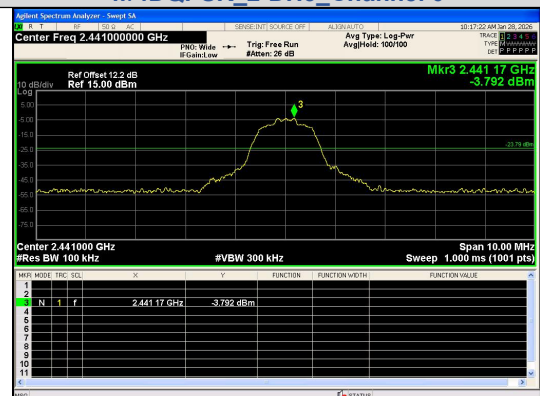
30.0 MHz - 25000.0 MHz
GFSK DH5 Channel 0



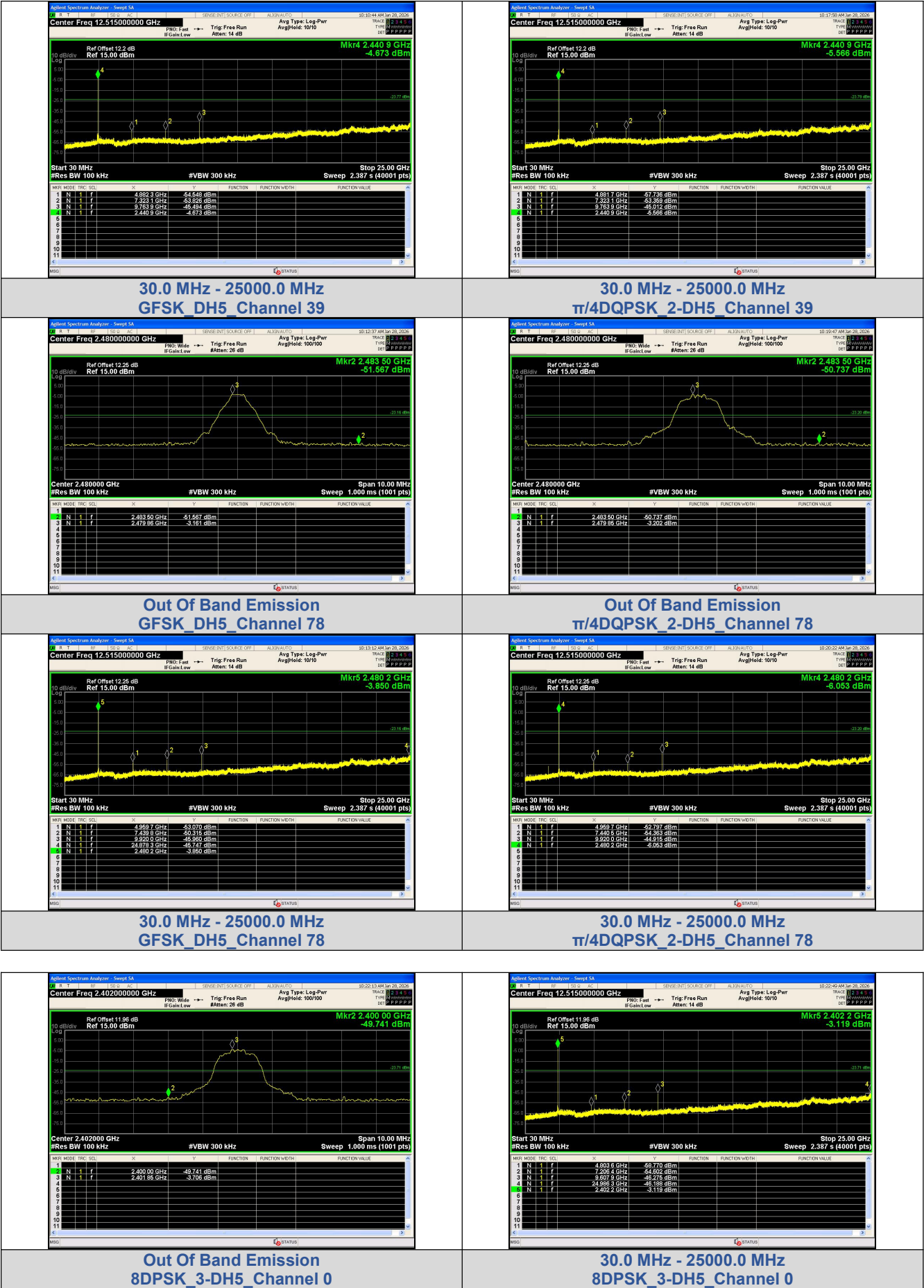
30.0 MHz - 25000.0 MHz
16QPSK 2-DH5 Channel 0

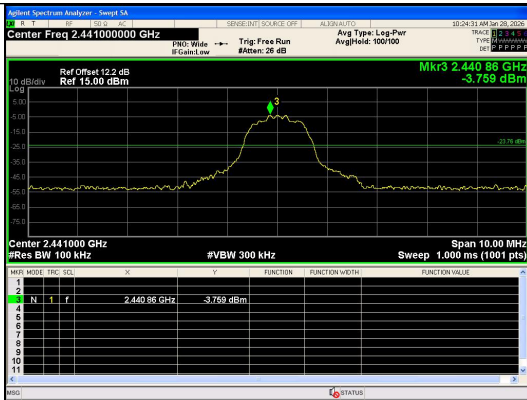


Out Of Band Emission GFSK DH5 Channel 39

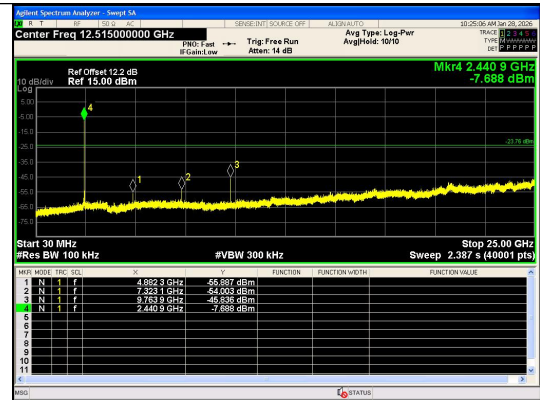


Out Of Band Emission
 $\pi/4$ DQPSK 2-DH5 Channel 39

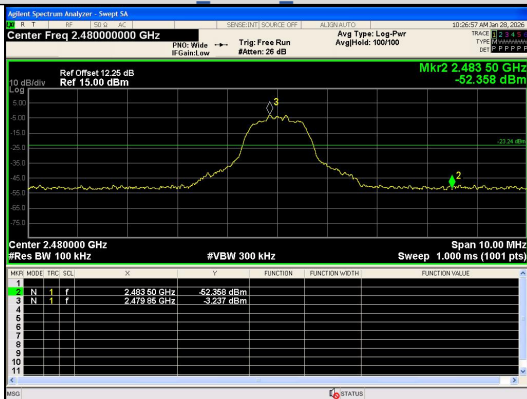




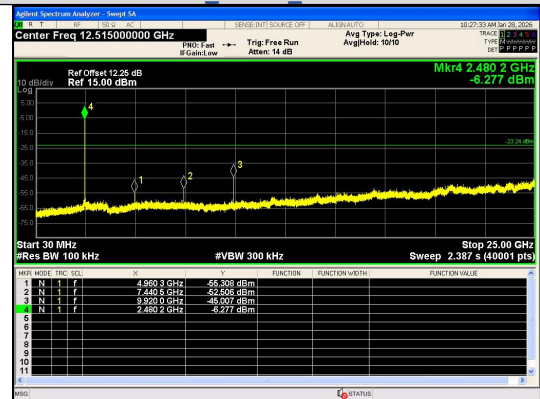
**Out Of Band Emission
8DPSK_3-DH5_Channel 39**



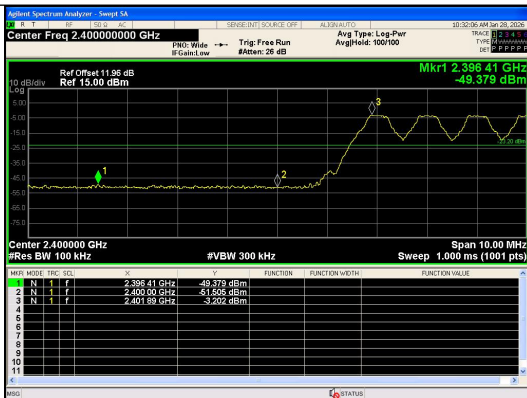
**30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39**



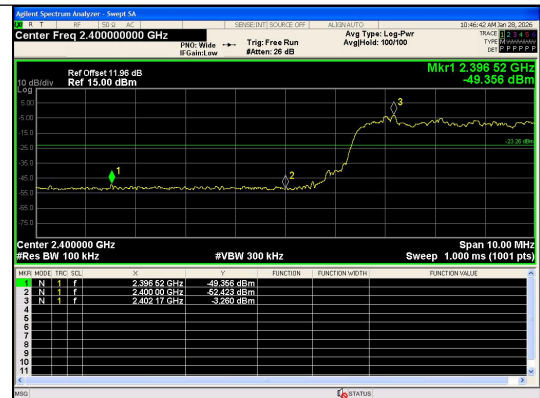
**Out Of Band Emission
8DPSK_3-DH5_Channel 78**



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



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



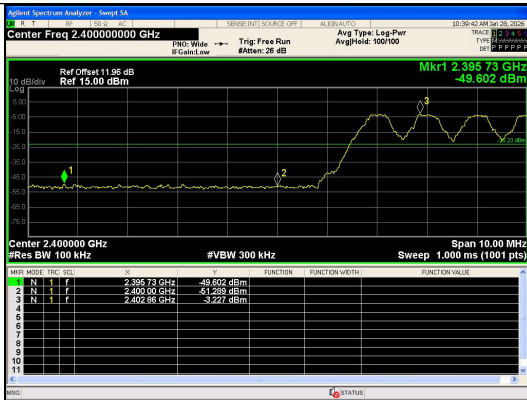
**Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping**



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



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



Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



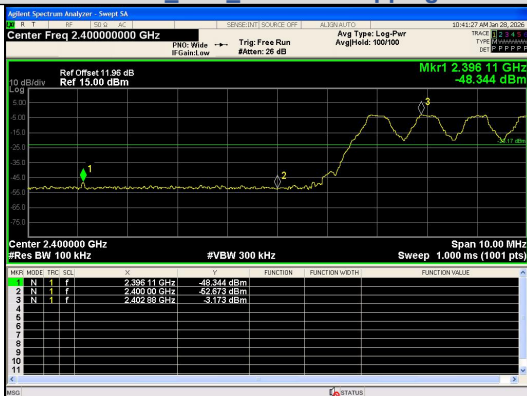
Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



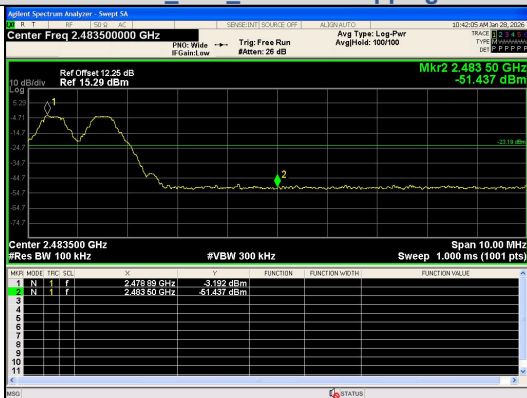
Out Of Band Emission(Right)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



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 Hopping



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