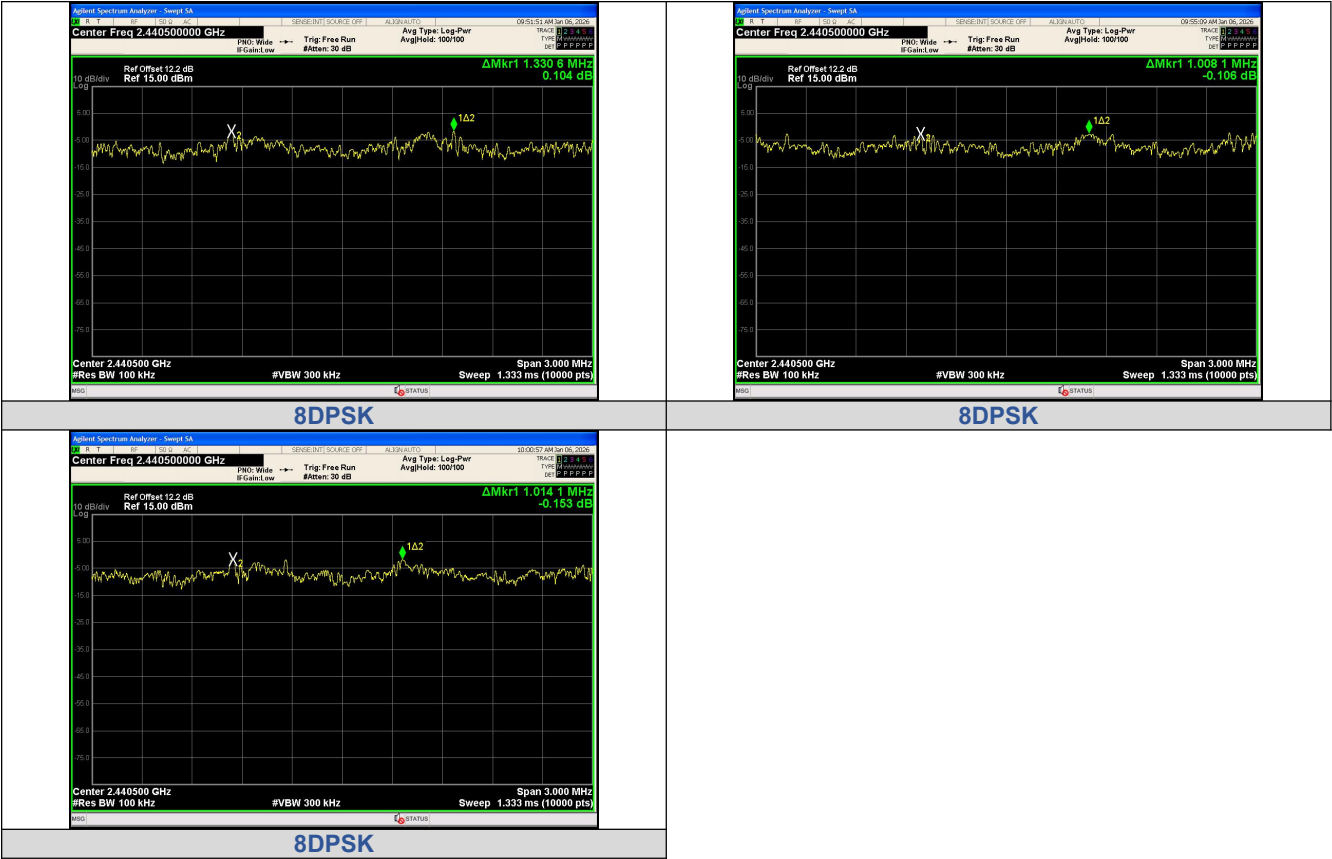




APPENDIX V. Conducted Spurious & Band Edge Emission**Test Result****Non-Hopping**

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2398.10	-50.687	-23.04	-27.647	PASS
			2400.00	-51.577	-23.04	-28.537	PASS
			4804.30	-58.628	-23.04	-35.588	PASS
			7205.80	-51.416	-23.04	-28.376	PASS
			9607.90	-48.090	-23.04	-25.050	PASS
			24889.5	-45.259	-23.04	-22.219	PASS
		39	4882.30	-54.768	-23.59	-31.178	PASS
			7323.11	-53.363	-23.59	-29.773	PASS
			9763.93	-47.183	-23.59	-23.593	PASS
		78	24903.2	-45.922	-23.59	-22.332	PASS
			2483.50	-49.978	-22.9	-27.078	PASS
			4959.70	-52.426	-22.9	-29.526	PASS
			7439.85	-51.603	-22.9	-28.703	PASS
			9919.99	-46.554	-22.9	-23.654	PASS
			24840.2	-45.857	-22.9	-22.957	PASS
$\pi/4$ DQPSK	2-DH5	0	2397.12	-50.556	-23.04	-27.516	PASS
			2400.00	-51.471	-23.04	-28.431	PASS
			4803.60	-59.556	-23.04	-36.516	PASS
			7205.80	-52.459	-23.04	-29.419	PASS
			9607.90	-47.581	-23.04	-24.541	PASS
			24969.4	-46.439	-23.04	-23.399	PASS
		39	4881.67	-60.153	-23.46	-36.693	PASS
			7323.11	-53.786	-23.46	-30.326	PASS
			9763.93	-45.778	-23.46	-22.318	PASS
		78	2483.50	-51.208	-23.11	-28.098	PASS
			4960.33	-55.352	-23.11	-32.242	PASS
			7439.85	-51.623	-23.11	-28.513	PASS
			9919.99	-46.068	-23.11	-22.958	PASS
8DPSK	3-DH5	0	2398.31	-50.112	-22.99	-27.122	PASS
			2400.00	-51.739	-22.99	-28.749	PASS
			4804.30	-60.278	-22.99	-37.288	PASS
			7205.80	-52.069	-22.99	-29.079	PASS
			9607.90	-46.352	-22.99	-23.362	PASS
		39	4882.30	-57.208	-23.51	-33.698	PASS
			7323.11	-54.037	-23.51	-30.527	PASS
			9763.93	-45.580	-23.51	-22.070	PASS
		78	2483.50	-51.262	-22.88	-28.382	PASS
			4960.33	-56.100	-22.88	-33.220	PASS
			7440.47	-53.389	-22.88	-30.509	PASS
			9919.99	-45.904	-22.88	-23.024	PASS
			24933.2	-45.514	-22.88	-22.634	PASS

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

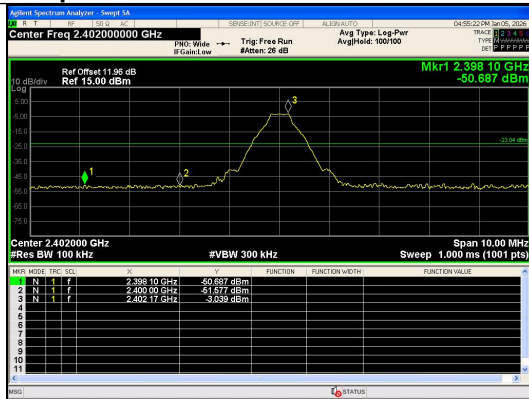
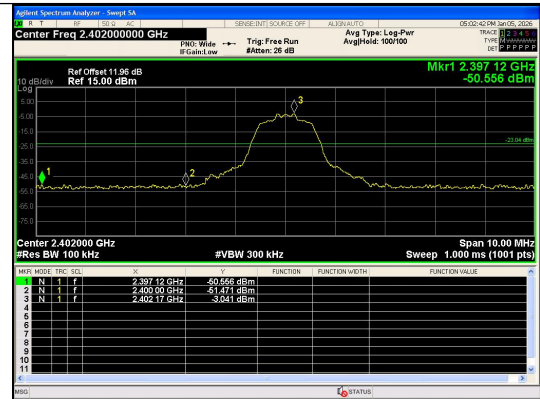
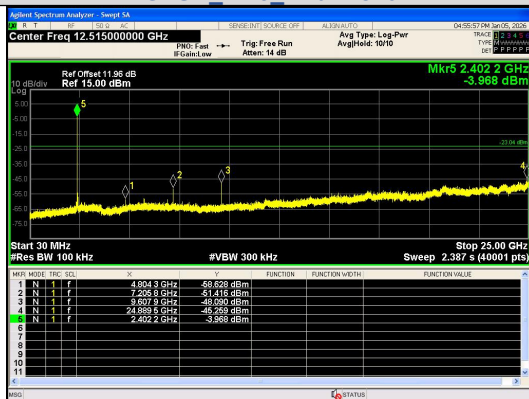
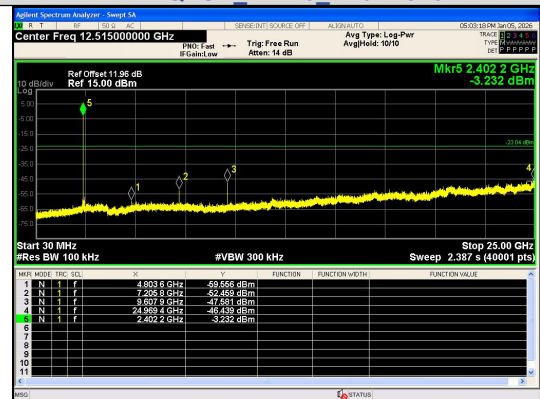
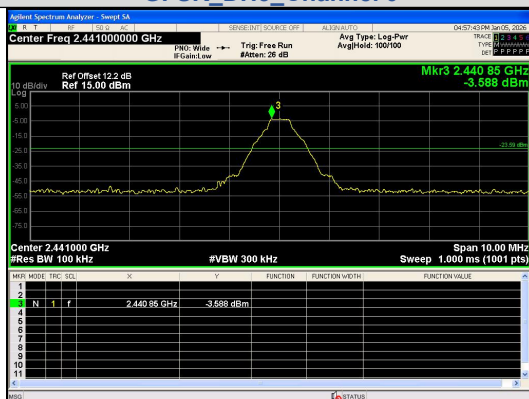
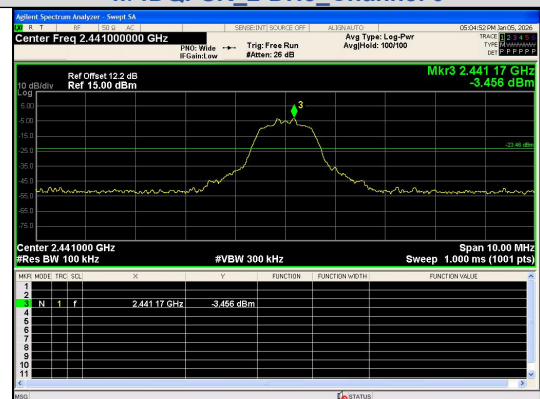
Hopping

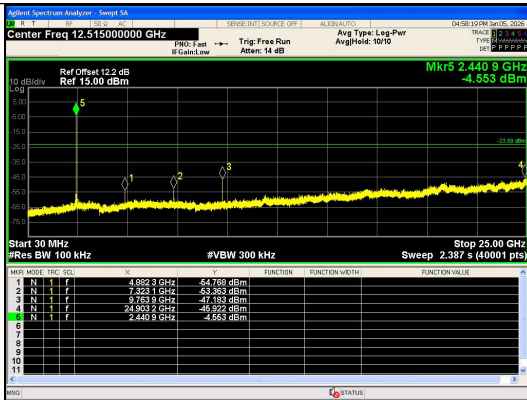
Hopping							
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2398.29	-49.880	-23.52	-26.360	PASS
			2400.00	-51.828	-23.52	-28.308	PASS
			2483.50	-50.207	-23.8	-26.407	PASS
			2395.74	-49.245	-21.14	-28.105	PASS
			2400.00	-51.906	-21.14	-30.766	PASS
			2483.50	-50.279	-21.09	-29.189	PASS
			2395.78	-49.309	-21.01	-28.299	PASS
			2400.00	-50.278	-21.01	-29.268	PASS
π/4DQPSK	2-DH5	Hopping	2483.50	-51.129	-21.09	-30.039	PASS
			2400.00	-49.118	-21.25	-27.868	PASS
			2483.50	-50.259	-21.06	-29.199	PASS
			2396.97	-49.403	-21.43	-27.973	PASS

8DPSK	3-DH5	2400.00	-52.112	-21.43	-30.682	PASS
		2483.50	-51.391	-22.97	-28.421	PASS
		2395.53	-49.660	-22.73	-26.930	PASS
		2400.00	-50.970	-22.73	-28.240	PASS
		2483.50	-51.274	-24.12	-27.154	PASS
		2395.46	-49.519	-21.25	-28.269	PASS
		2400.00	-51.684	-21.25	-30.434	PASS
		2483.50	-50.349	-22.57	-27.779	PASS
		2398.23	-49.803	-21.47	-28.333	PASS
		2400.00	-50.340	-21.47	-28.870	PASS
		2483.50	-51.772	-22.27	-29.502	PASS
		2397.91	-49.333	-21.09	-28.243	PASS
		2400.00	-52.119	-21.09	-31.029	PASS
		2483.50	-50.393	-21.98	-28.413	PASS

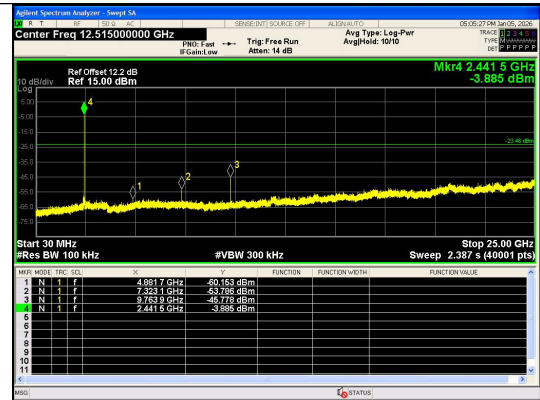
Note: input compensation coefficient (dB)= Cable Loss (dB)

Test Graphs

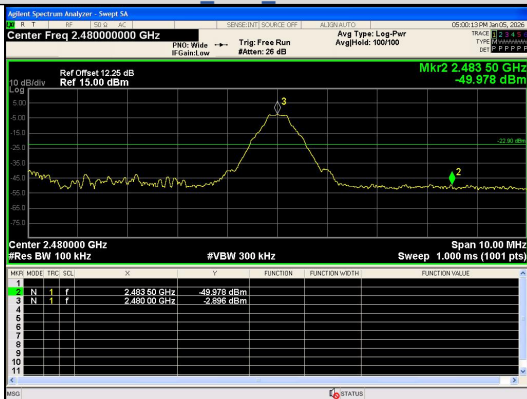
Out Of Band Emission
GFSK_DH5_Channel 0Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 030.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 030.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 0Out Of Band Emission
GFSK_DH5_Channel 39Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 39



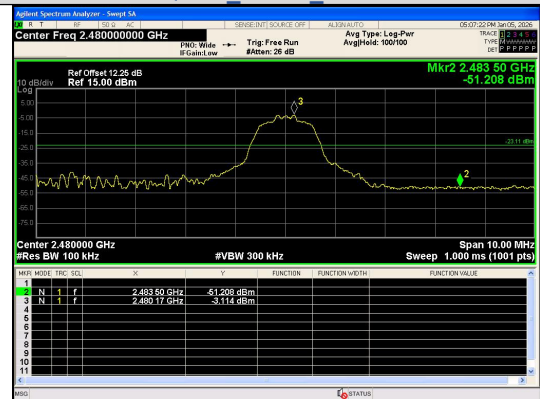
30.0 MHz - 25000.0 MHz
GFSK DH5 Channel 39



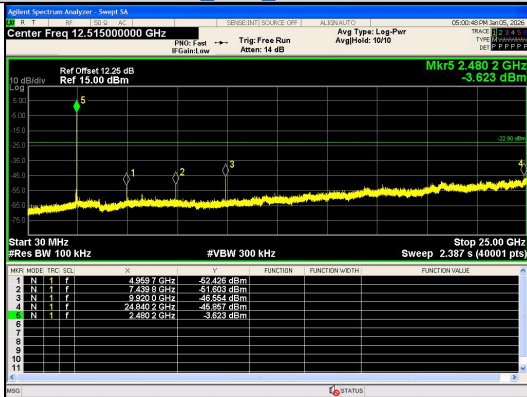
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK 2-DH5 Channel 39



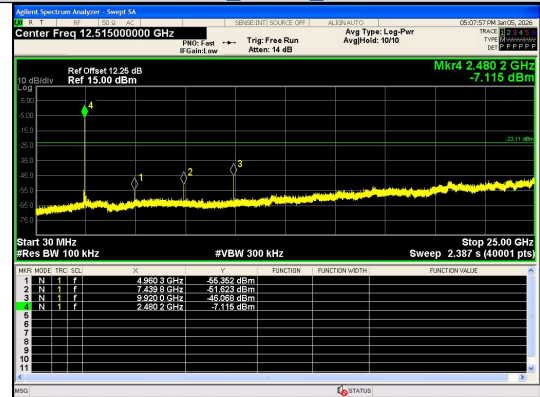
Out Of Band Emission
GFSK DH5 Channel 78



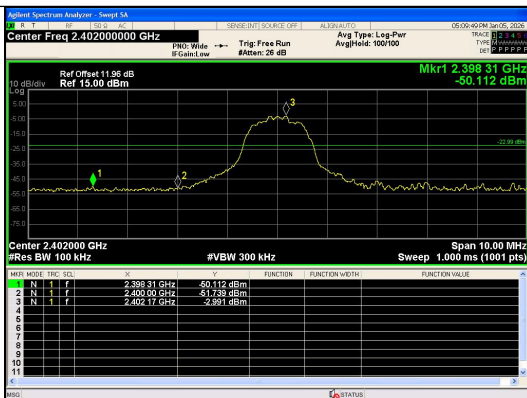
Out Of Band Emission
 $\pi/4$ DQPSK 2-DH5 Channel 78



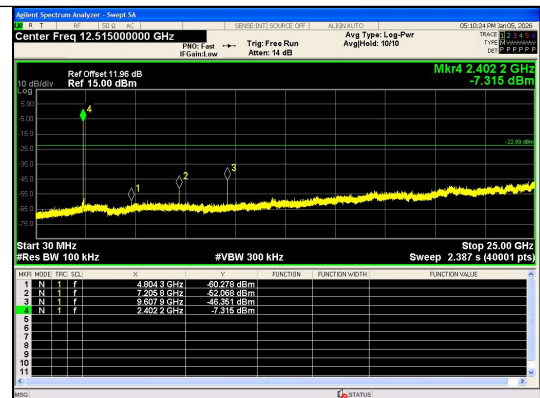
30.0 MHz - 25000.0 MHz
GFSK DH5 Channel 78



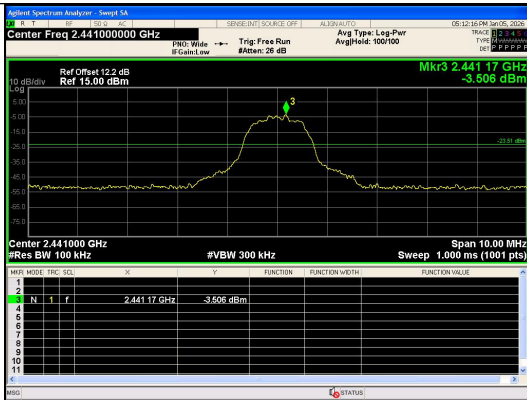
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK 2-DH5 Channel 78



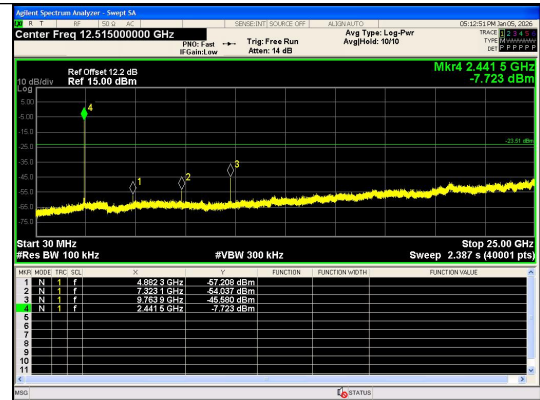
Out Of Band Emission
8DPSK 3-DH5 Channel 0



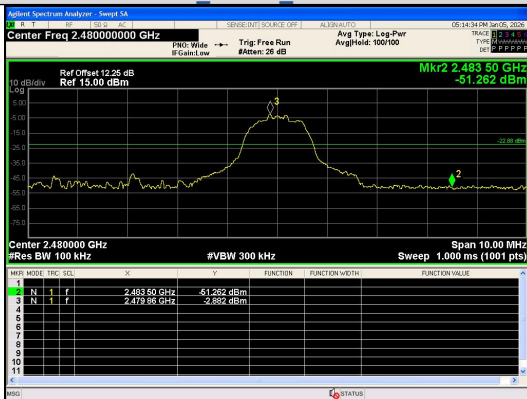
30.0 MHz - 25000.0 MHz
8DPSK 3-DH5 Channel 0



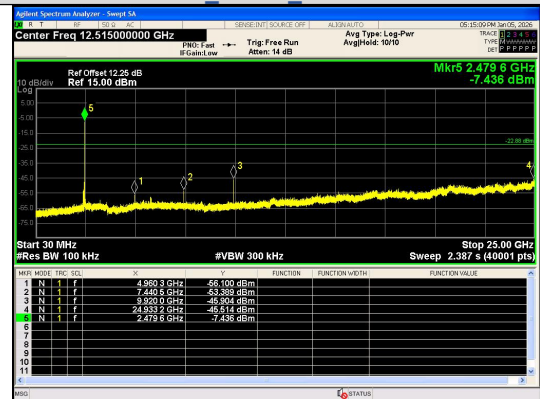
**Out Of Band Emission
8DPSK_3-DH5_Channel 39**



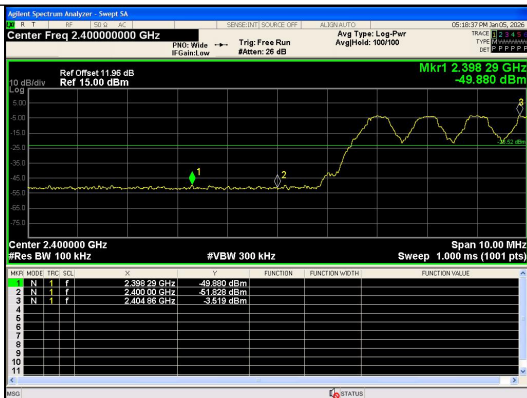
**30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39**



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



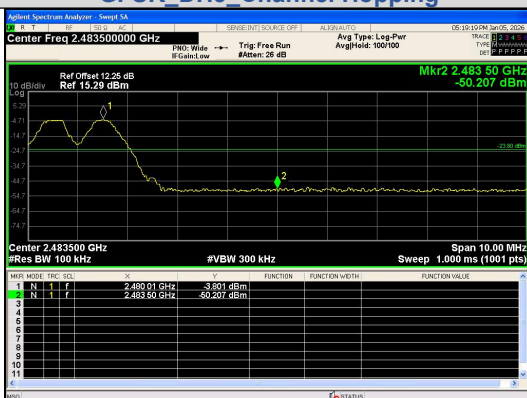
**30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 78**



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



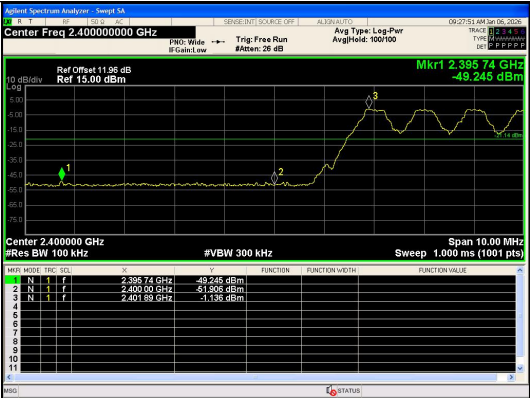
**Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping**



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



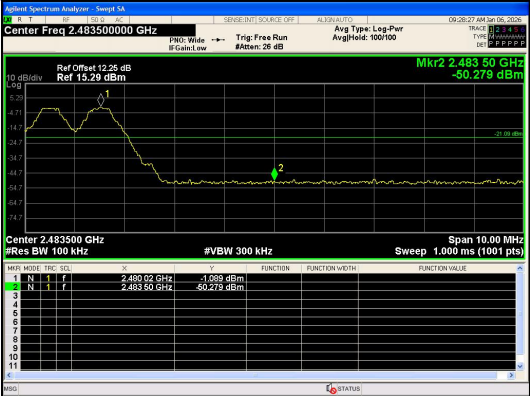
**Out Of Band Emission(Right)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping**



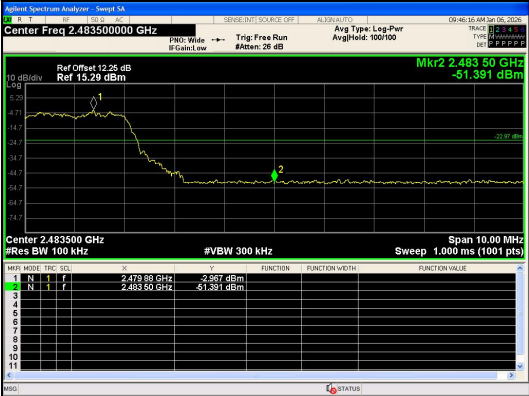
Out Of Band Emission(Left)
GFSK DH5 Channel Hopping



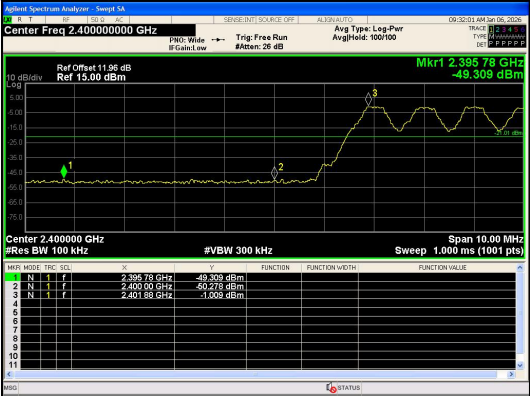
Out Of Band Emission(Left)
 $\pi/4$ DQPSK 2-DH5 Channel Hopping



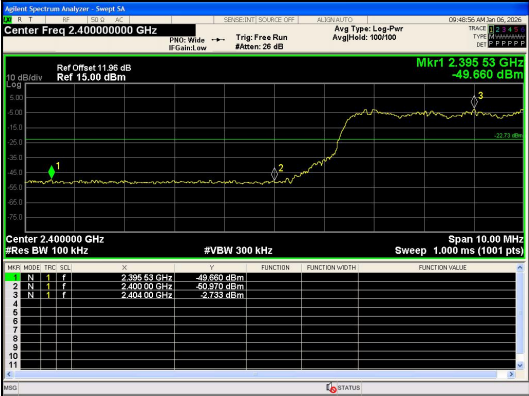
Out Of Band Emission(Right)
GFSK DH5 Channel Hopping



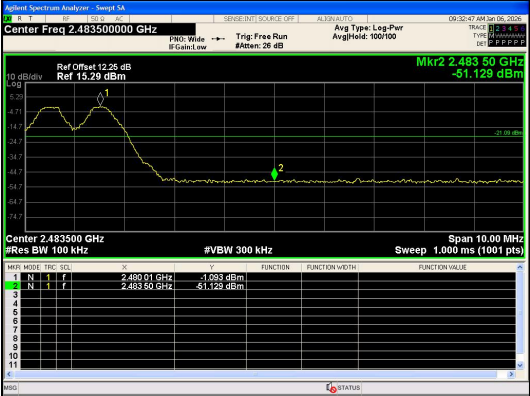
Out Of Band Emission(Right)
 $\pi/4$ DQPSK 2-DH5 Channel Hopping



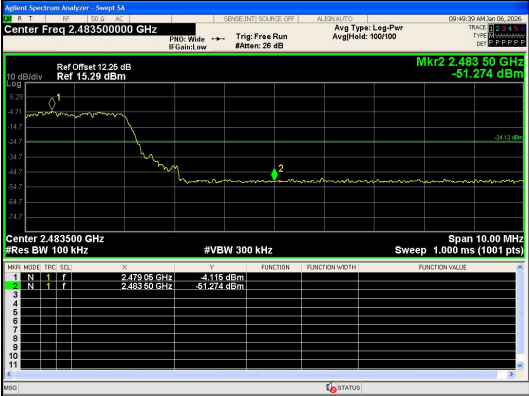
Out Of Band Emission(Left)
GFSK DH5 Channel Hopping



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