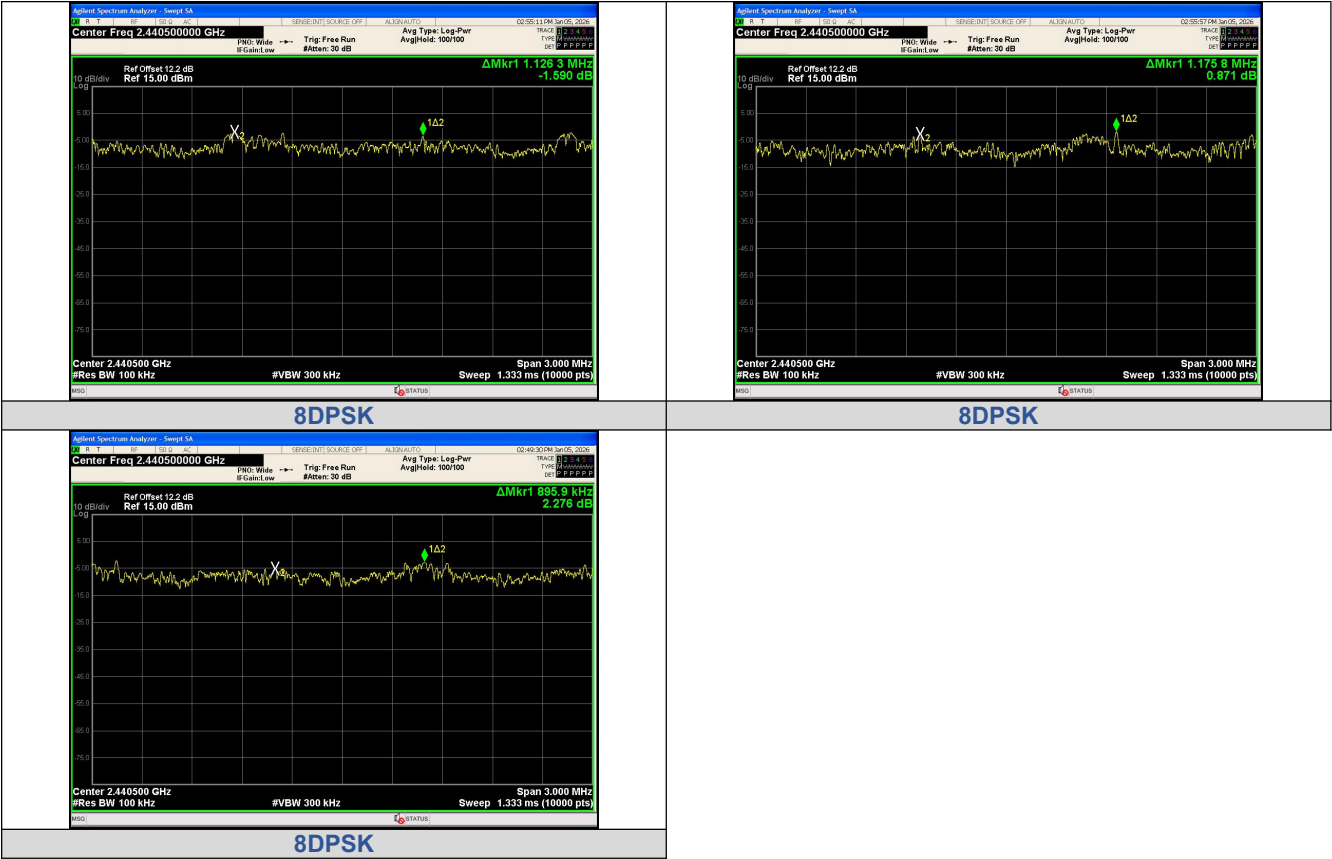




APPENDIX V. Conducted Spurious & Band Edge Emission**Test Result****Non-Hopping**

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2397.99	-50.673	-20.82	-29.853	PASS
			2400.00	-52.019	-20.82	-31.199	PASS
			4804.30	-55.407	-20.82	-34.587	PASS
			7205.80	-49.479	-20.82	-28.659	PASS
			9607.90	-46.637	-20.82	-25.817	PASS
			24953.2	-45.690	-20.82	-24.870	PASS
		39	4881.67	-54.945	-21.52	-33.425	PASS
			7323.11	-51.044	-21.52	-29.524	PASS
			9763.93	-45.515	-21.52	-23.995	PASS
		78	24968.2	-45.093	-21.52	-23.573	PASS
			2483.50	-51.001	-20.93	-30.071	PASS
			4960.33	-53.901	-20.93	-32.971	PASS
			7439.85	-50.638	-20.93	-29.708	PASS
			9919.99	-44.408	-20.93	-23.478	PASS
$\pi/4$ DQPSK	2-DH5	0	2400.00	-49.057	-20.94	-28.117	PASS
			4804.26	-58.580	-20.94	-37.639	PASS
			7206.38	-52.500	-20.94	-31.560	PASS
			9607.87	-45.529	-20.94	-24.589	PASS
		39	4881.67	-57.696	-21.77	-35.925	PASS
			7323.11	-52.869	-21.77	-31.099	PASS
			9763.93	-43.942	-21.77	-22.172	PASS
		78	2483.50	-51.796	-20.91	-30.886	PASS
			4960.33	-53.556	-20.91	-32.646	PASS
			7440.47	-52.519	-20.91	-31.609	PASS
			9919.99	-44.310	-20.91	-23.400	PASS
8DPSK	3-DH5	0	2397.12	-50.664	-20.76	-29.904	PASS
			2400.00	-51.154	-20.76	-30.394	PASS
			4804.30	-58.499	-20.76	-37.739	PASS
			7206.40	-52.750	-20.76	-31.990	PASS
			9607.90	-45.236	-20.76	-24.476	PASS
		39	4881.67	-53.316	-21.4	-31.916	PASS
			7323.11	-51.804	-21.4	-30.404	PASS
			9763.93	-44.157	-21.4	-22.757	PASS
		78	2483.50	-50.967	-20.78	-30.187	PASS
			4960.33	-52.305	-20.78	-31.525	PASS
			7439.85	-50.841	-20.78	-30.061	PASS
			9919.99	-44.687	-20.78	-23.907	PASS

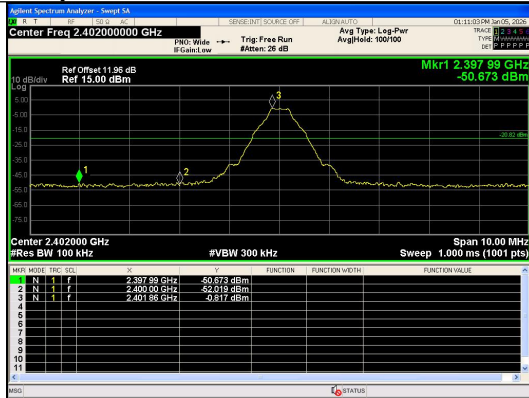
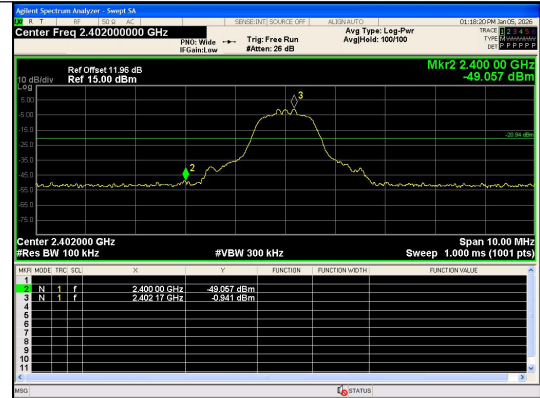
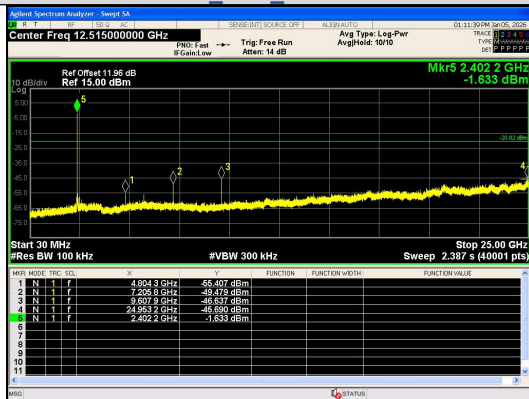
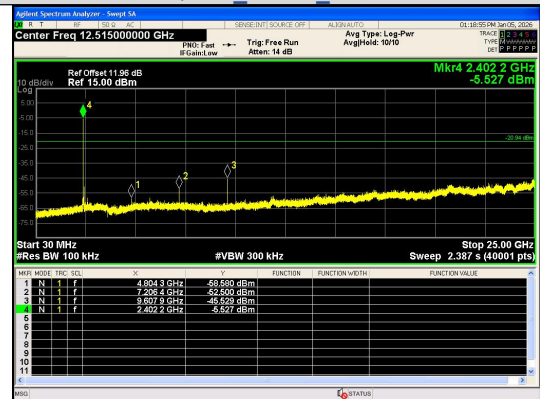
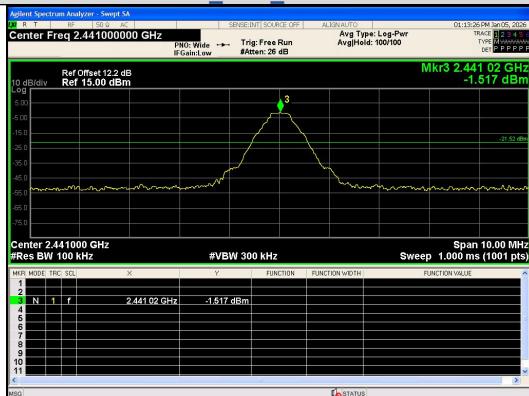
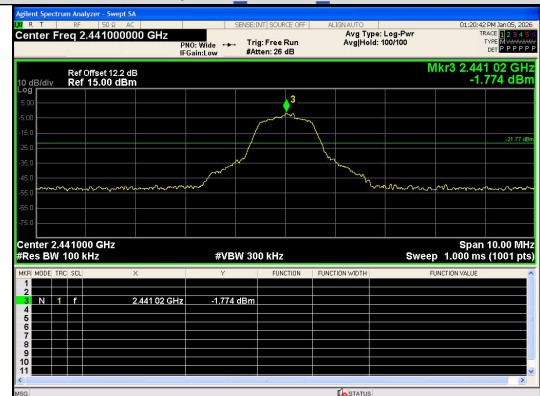
Note: input compensation coefficient (dB)= Cable Loss (dB)

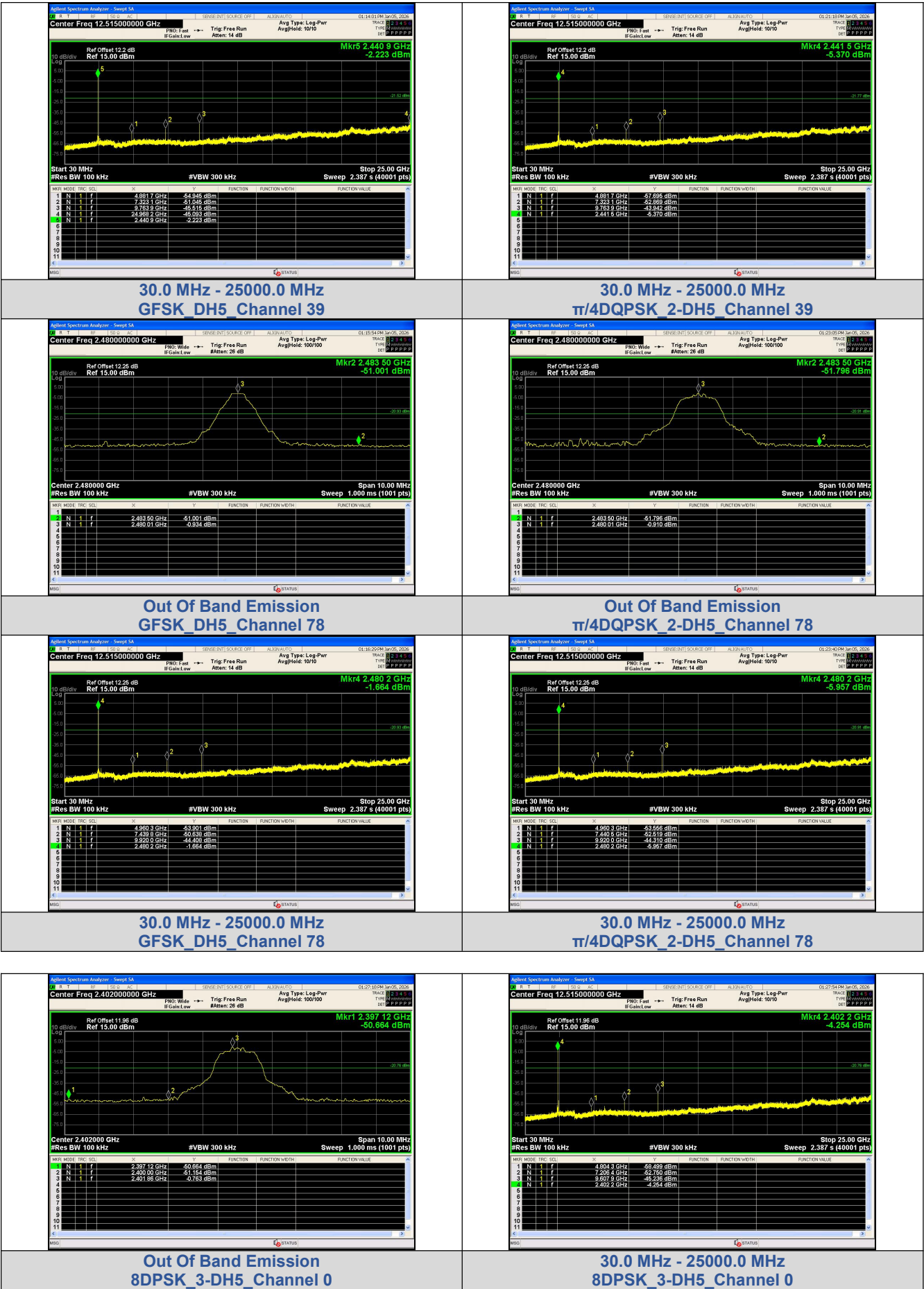
Hopping

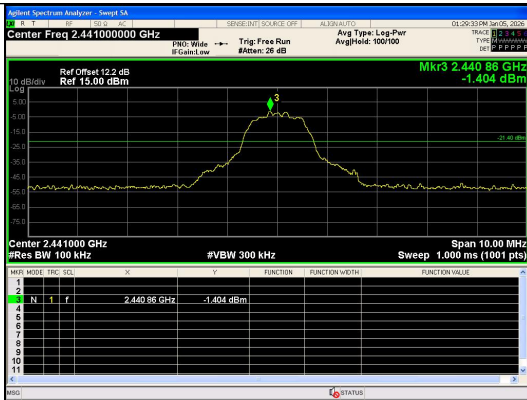
Hopping							
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2398.31	-49.444	-21.53	-27.913	PASS
			2400.00	-50.598	-21.53	-29.068	PASS
			2483.50	-51.256	-21.37	-29.886	PASS
			2396.85	-48.964	-21.48	-27.484	PASS
			2400.00	-51.384	-21.48	-29.904	PASS
			2483.50	-50.251	-21.22	-29.031	PASS
			2396.65	-49.293	-21.19	-28.103	PASS
			2400.00	-51.387	-21.19	-30.197	PASS
π/4DQPSK	2-DH5	2483.50	-50.166	-21.68	-28.486	PASS	
		2395.05	-49.835	-21.45	-28.385	PASS	
		2400.00	-50.574	-21.45	-29.124	PASS	
		2483.50	-50.317	-21.33	-28.987	PASS	
		2395.83	-49.338	-21.07	-28.268	PASS	
		2400.00	-51.780	-21.07	-30.710	PASS	
		2483.50	-51.290	-22.47	-28.820	PASS	
		2400.00	-38.922	-20.62	-18.302	PASS	

			2483.50	-50.639	-21.01	-29.629	PASS
8DPSK	3-DH5		2397.52	-49.508	-21.68	-27.828	PASS
			2400.00	-51.119	-21.68	-29.439	PASS
			2483.50	-50.944	-21.44	-29.504	PASS
			2396.21	-49.486	-21.33	-28.156	PASS
			2400.00	-51.105	-21.33	-29.775	PASS
			2483.50	-50.465	-21.14	-29.325	PASS
			2395.22	-48.489	-22.06	-26.429	PASS
			2400.00	-50.174	-22.06	-28.114	PASS
			2483.50	-51.163	-22.36	-28.803	PASS
Note: input compensation coefficient (dB)= Cable Loss (dB)							

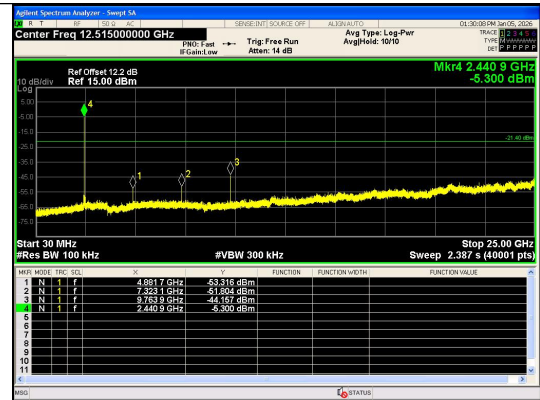
Test Graphs

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

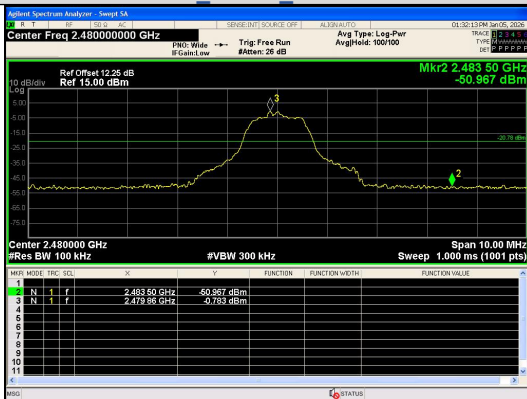




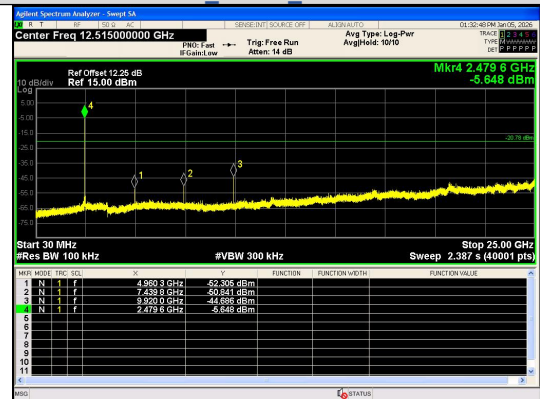
**Out Of Band Emission
8DPSK_3-DH5_Channel 39**



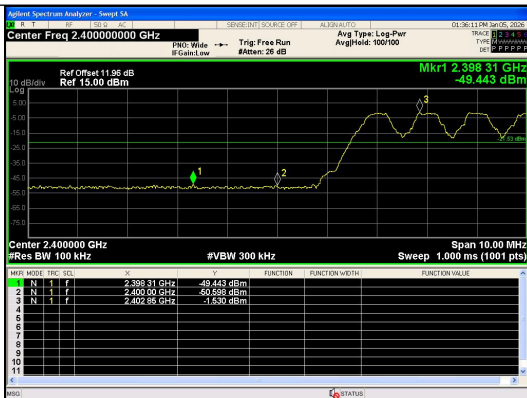
**30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39**



**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**



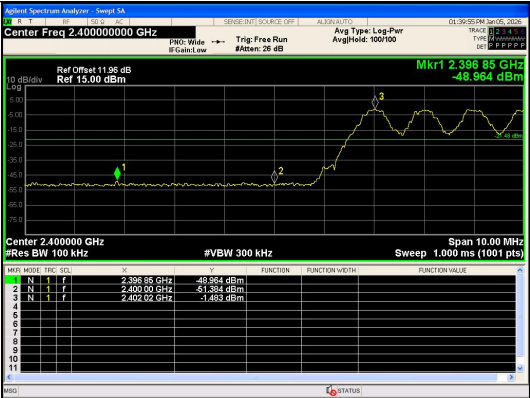
**Out Of Band Emission(Left)
π/4DQPSK_2-DH5_Channel Hopping**



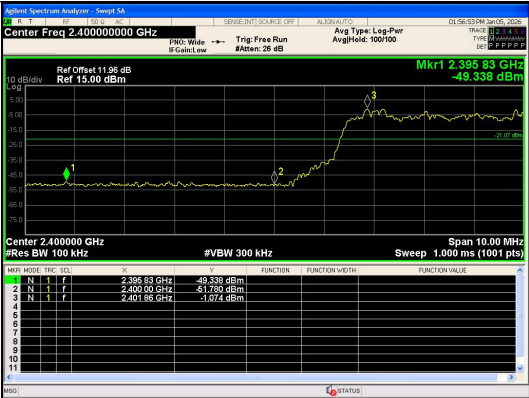
**Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping**



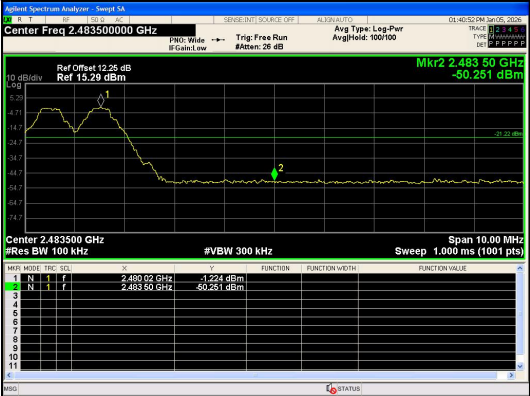
**Out Of Band Emission(Right)
π/4DQPSK_2-DH5_Channel Hopping**



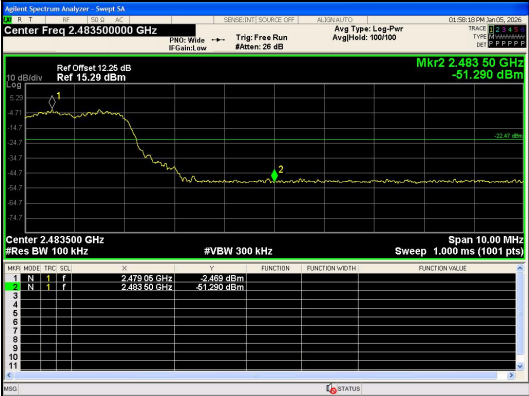
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



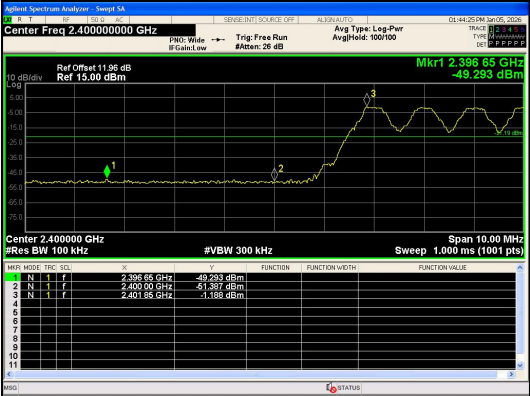
Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



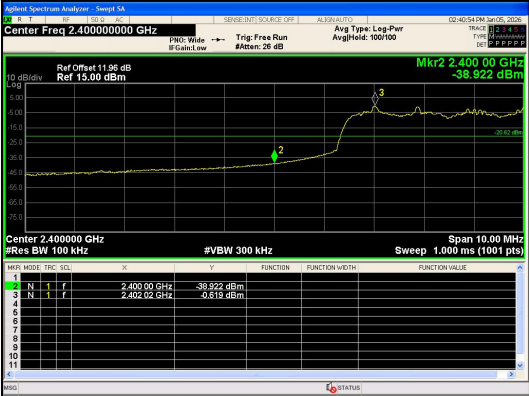
Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



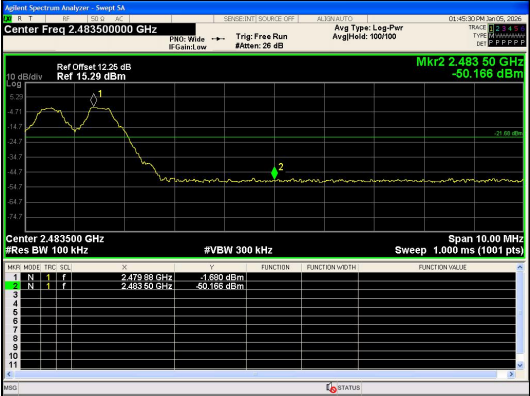
Out Of Band Emission(Right)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



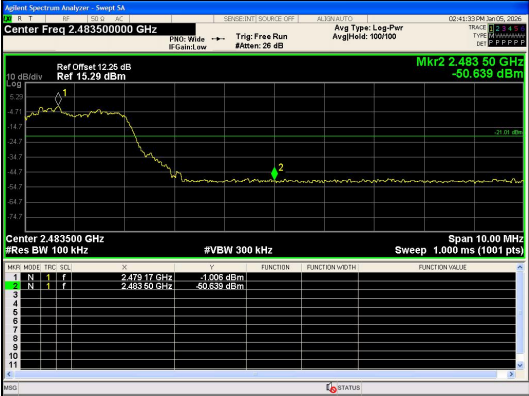
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



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