

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

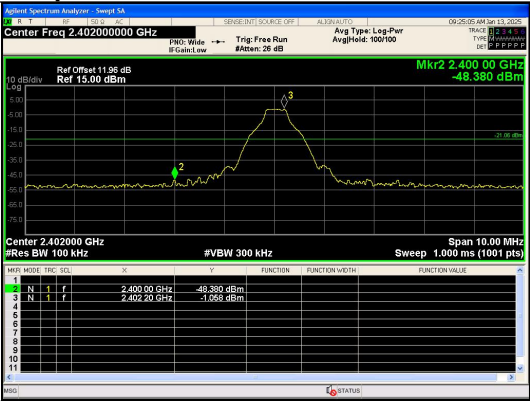
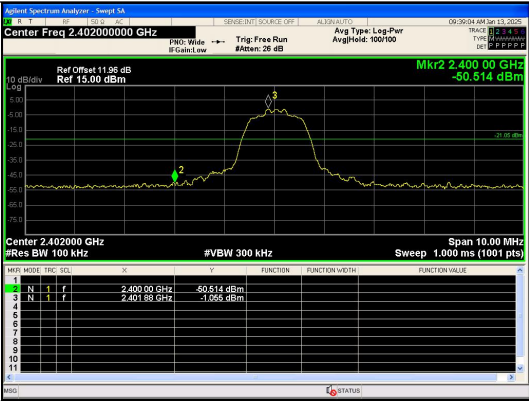
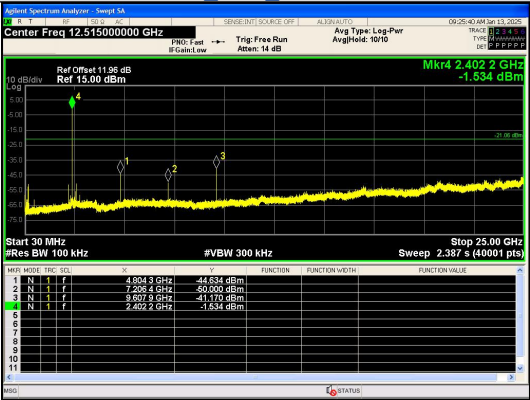
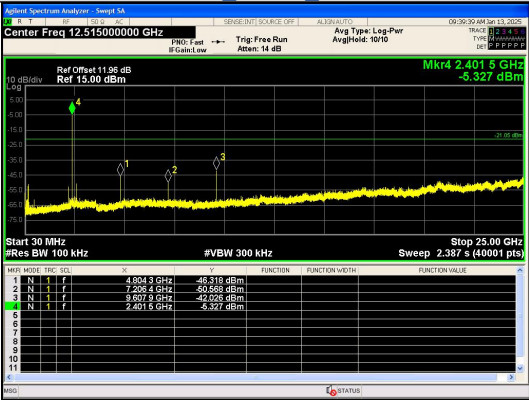
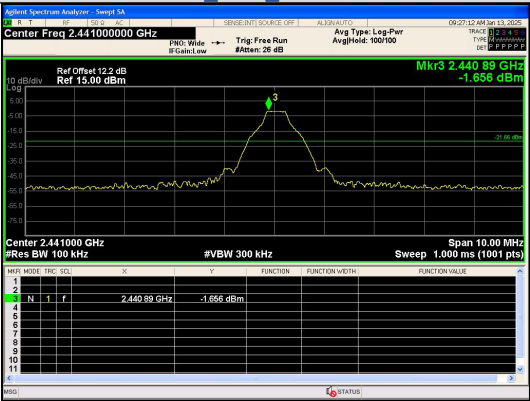
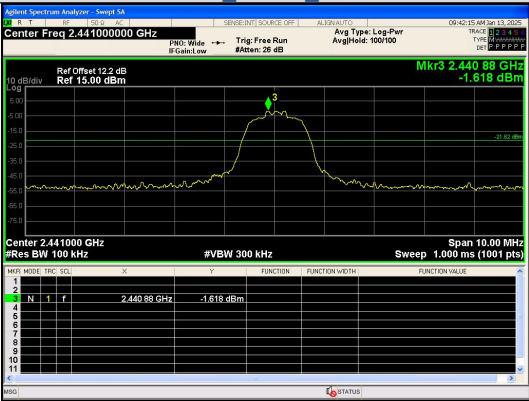
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-48.380	-21.06	-27.320	PASS
			4804.26	-44.634	-21.06	-23.574	PASS
			7206.38	-50.000	-21.06	-28.940	PASS
			9607.87	-41.170	-21.06	-20.110	PASS
		39	4882.30	-44.380	-21.66	-22.720	PASS
			7323.11	-50.639	-21.66	-28.979	PASS
			9763.93	-41.324	-21.66	-19.664	PASS
			2483.50	-51.898	-22.13	-29.768	PASS
		78	4960.33	-46.377	-22.13	-24.247	PASS
			7440.47	-51.999	-22.13	-29.869	PASS
			9919.99	-42.268	-22.13	-20.138	PASS
			2400.00	-50.514	-21.05	-29.464	PASS
$\pi/4$ DQPSK	2-DH5	0	4804.26	-46.318	-21.05	-25.268	PASS
			7206.38	-50.568	-21.05	-29.518	PASS
			9607.87	-42.026	-21.05	-20.976	PASS
			2400.00	-50.514	-21.05	-29.464	PASS
		39	4882.30	-45.780	-21.62	-24.160	PASS
			7323.11	-54.485	-21.62	-32.865	PASS
			9763.93	-41.715	-21.62	-20.095	PASS
			2483.50	-49.571	-22.16	-27.411	PASS
		78	4960.33	-46.301	-22.16	-24.141	PASS
			7439.85	-54.345	-22.16	-32.185	PASS
			9919.99	-42.623	-22.16	-20.463	PASS
			2400.00	-49.483	-21.1	-28.383	PASS
8DPSK	3-DH5	0	4804.26	-46.472	-21.1	-25.372	PASS
			7205.75	-49.870	-21.1	-28.770	PASS
			9607.87	-42.095	-21.1	-20.995	PASS
			2400.00	-49.483	-21.1	-28.383	PASS
		39	4882.30	-45.674	-21.77	-23.904	PASS
			7323.11	-54.700	-21.77	-32.930	PASS
			9763.93	-41.701	-21.77	-19.931	PASS
			2483.50	-51.115	-22.21	-28.905	PASS
		78	4960.33	-46.819	-22.21	-24.609	PASS
			7440.47	-55.926	-22.21	-33.716	PASS
			9919.99	-42.876	-22.21	-20.666	PASS
			2400.00	-49.483	-21.1	-28.383	PASS

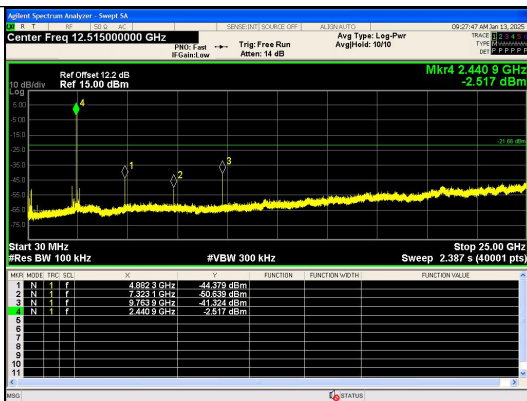
Hopping

Hopping							
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2396.78	-49.983	-21.14	-28.843	PASS
			2400.00	-51.123	-21.14	-29.983	PASS
			2483.50	-50.661	-22.29	-28.371	PASS
			2395.32	-50.011	-21.31	-28.701	PASS
			2400.00	-50.438	-21.31	-29.128	PASS
			2483.50	-51.260	-22.14	-29.120	PASS
			2397.89	-50.067	-21.25	-28.817	PASS
			2400.00	-51.454	-21.25	-30.204	PASS
2483.50	-51.101		-22.31	-28.791	PASS		
π/4DQPSK	2-DH5		2397.26	-49.671	-21.05	-28.621	PASS
			2400.00	-51.268	-21.05	-30.218	PASS
			2483.50	-52.039	-22.07	-29.969	PASS
			2395.59	-49.692	-21.17	-28.522	PASS
			2400.00	-50.772	-21.17	-29.602	PASS
			2483.50	-50.690	-22.68	-28.010	PASS
			2395.97	-49.090	-21.03	-28.060	PASS
			2400.00	-51.913	-21.03	-30.883	PASS
8DPSK	3-DH5		2483.50	-51.932	-22.06	-29.872	PASS
			2398.97	-48.992	-21.0	-27.992	PASS
			2400.00	-51.946	-21.0	-30.946	PASS
		2483.50	-51.300	-22.28	-29.020	PASS	

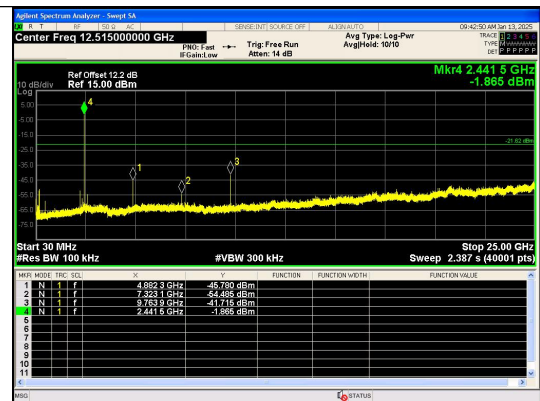
			2397.09	-48.987	-21.37	-27.617	PASS
			2400.00	-52.572	-21.37	-31.202	PASS
			2483.50	-51.820	-22.19	-29.630	PASS
			2398.94	-49.039	-21.15	-27.889	PASS
			2400.00	-52.439	-21.15	-31.289	PASS
			2483.50	-51.035	-23.35	-27.685	PASS

Test Graphs

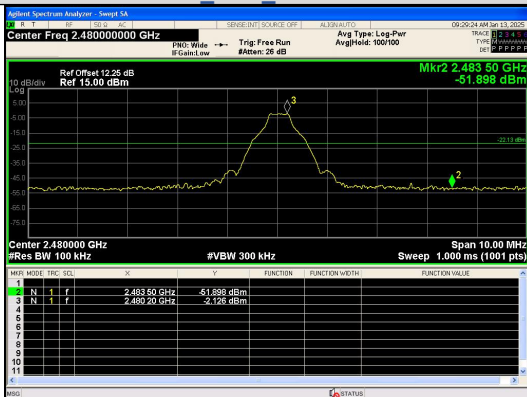
	
Out Of Band Emission GFSK DH5 Channel 0	Out Of Band Emission $\pi/4$ DQPSK 2-DH5 Channel 0
	
30.0 MHz - 25000.0 MHz GFSK DH5 Channel 0	30.0 MHz - 25000.0 MHz $\pi/4$ DQPSK 2-DH5 Channel 0
	
Out Of Band Emission GFSK DH5 Channel 39	Out Of Band Emission $\pi/4$ DQPSK 2-DH5 Channel 39



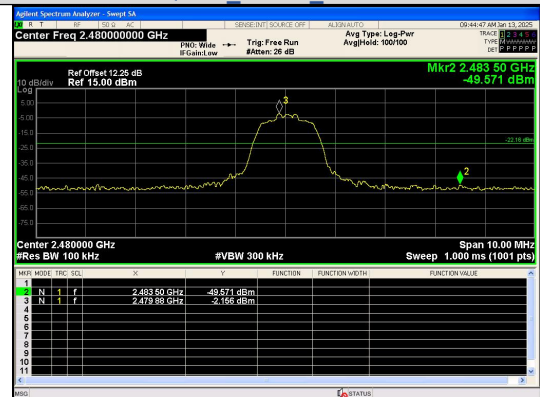
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 39



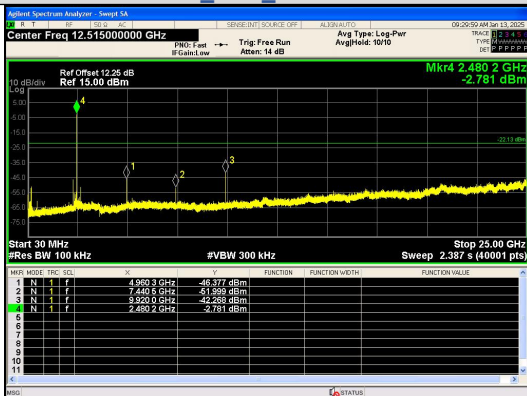
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 39



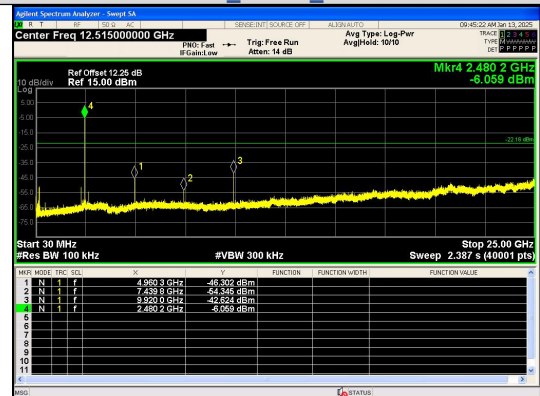
Out Of Band Emission
GFSK_DH5_Channel 78



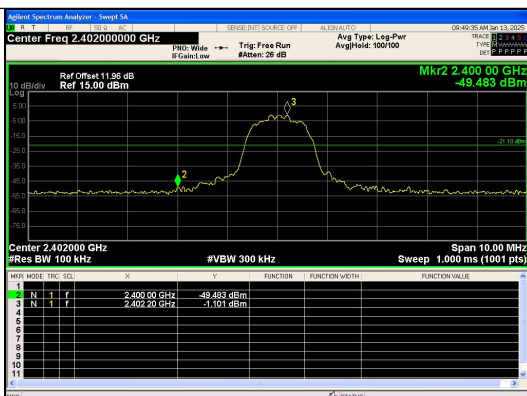
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78



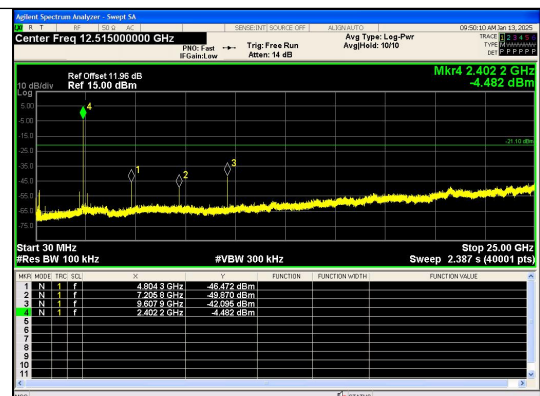
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 78



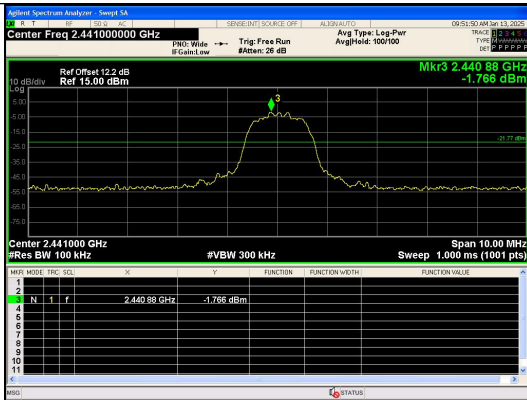
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 78



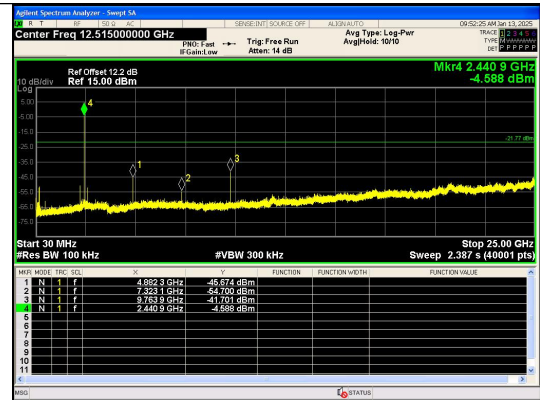
Out Of Band Emission
8DPSK_3-DH5_Channel 0



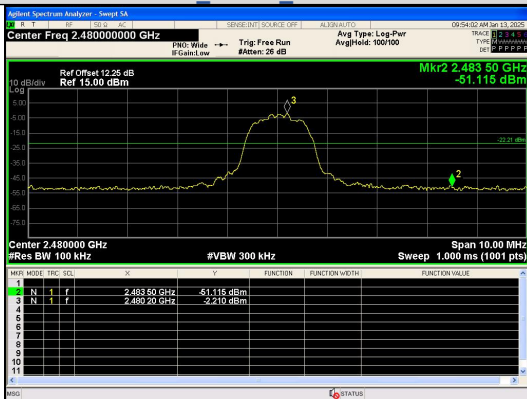
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 0



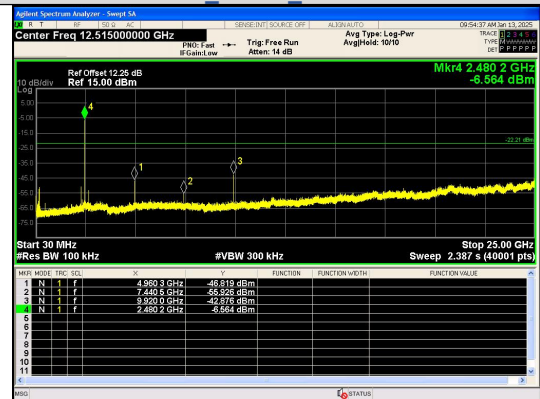
**Out Of Band Emission
8DPSK_3-DH5_Channel 39**



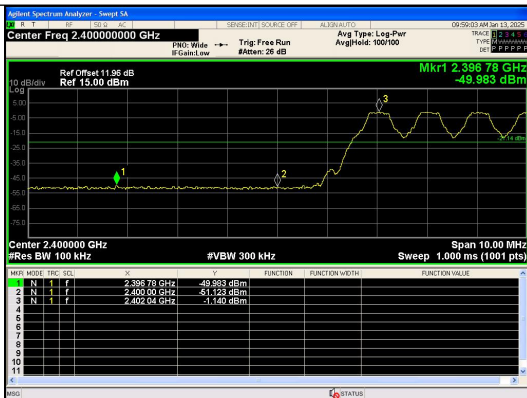
**30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39**



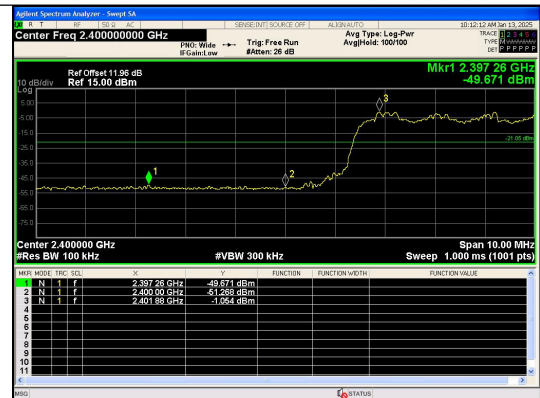
**Out Of Band Emission
8DPSK_3-DH5_Channel 78**



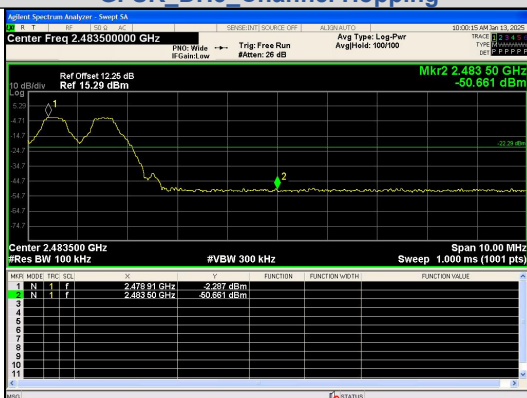
**30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 78**



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



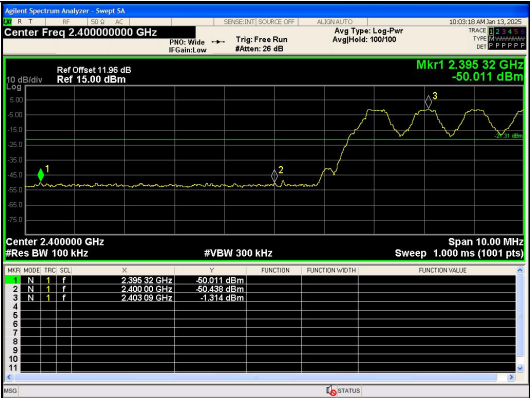
**Out Of Band Emission(Left)
π/4DQPSK_2-DH5_Channel Hopping**



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



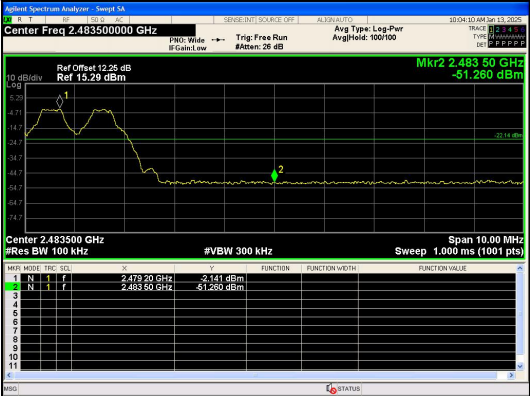
**Out Of Band Emission(Right)
π/4DQPSK_2-DH5_Channel Hopping**



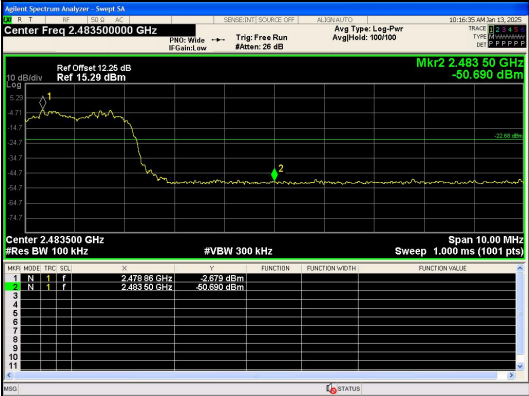
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



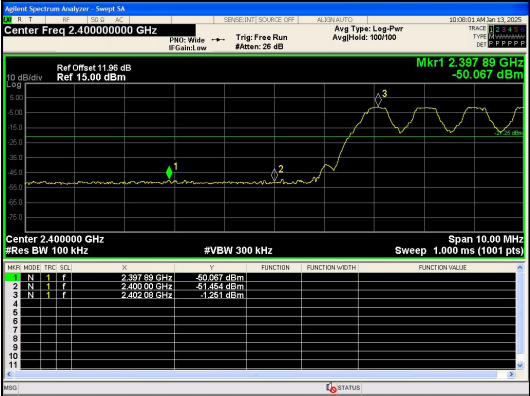
Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



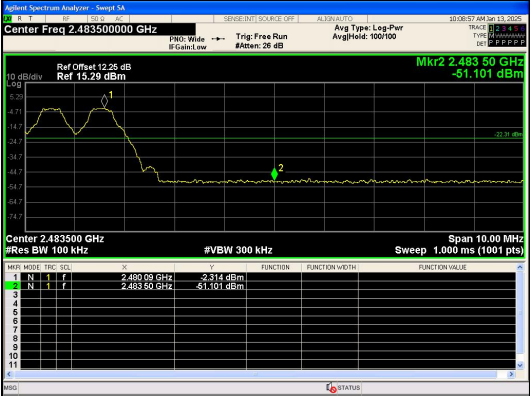
Out Of Band Emission(Right)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



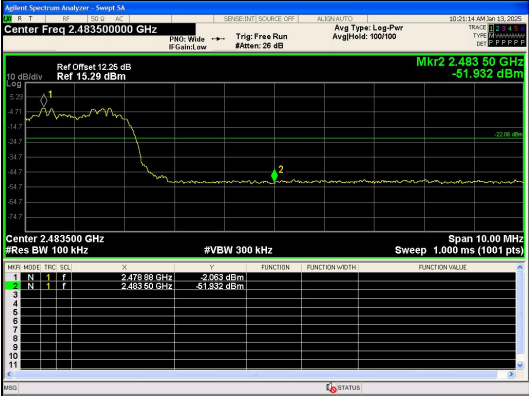
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



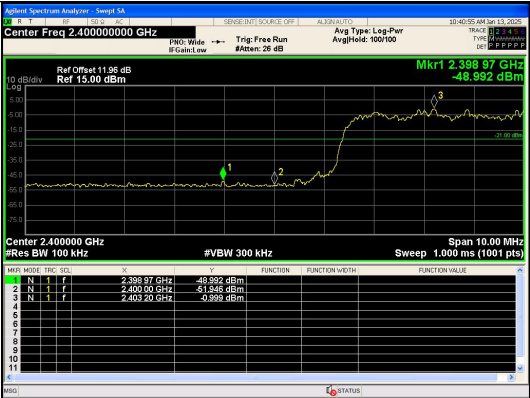
Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



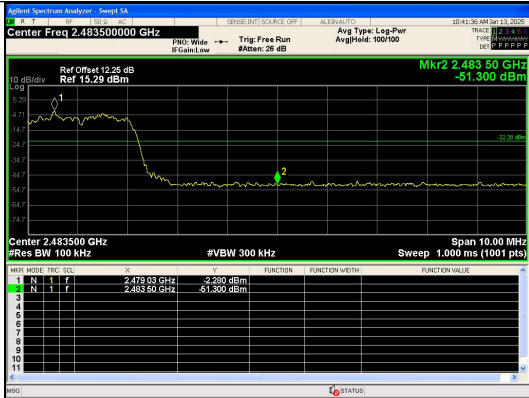
Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



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



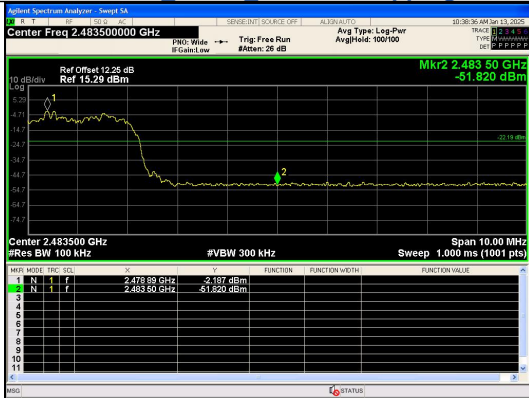
Out Of Band Emission(Left)
8DPSK_3-DH5_Channel Hopping



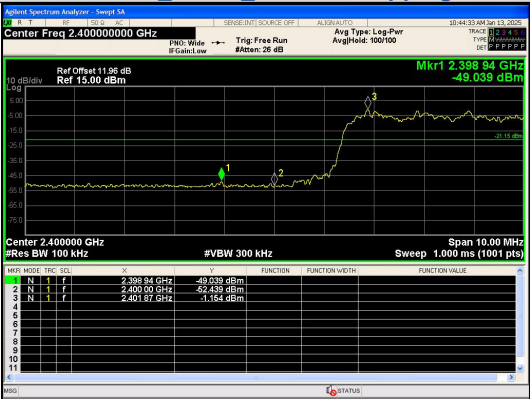
Out Of Band Emission(Right)
8DPSK_3-DH5_Channel Hopping



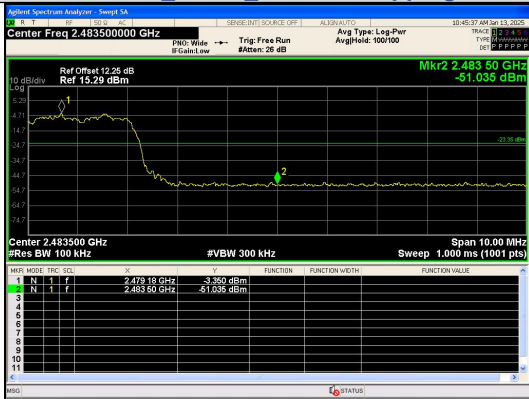
Out Of Band Emission(Left)
8DPSK_3-DH5_Channel Hopping



Out Of Band Emission(Right)
8DPSK_3-DH5_Channel Hopping



Out Of Band Emission(Left)
8DPSK_3-DH5_Channel Hopping



Out Of Band Emission(Right)
8DPSK_3-DH5_Channel Hopping