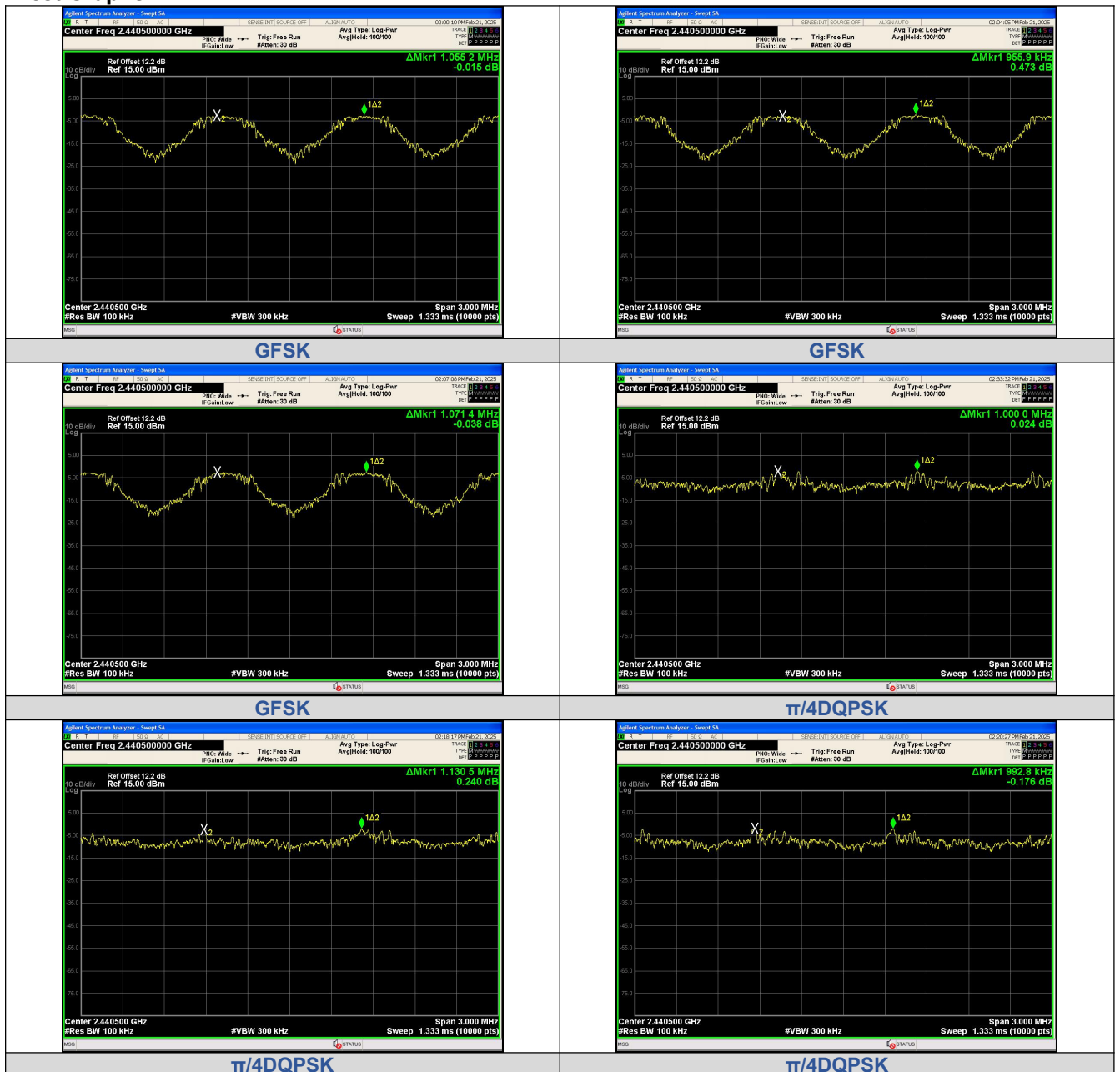


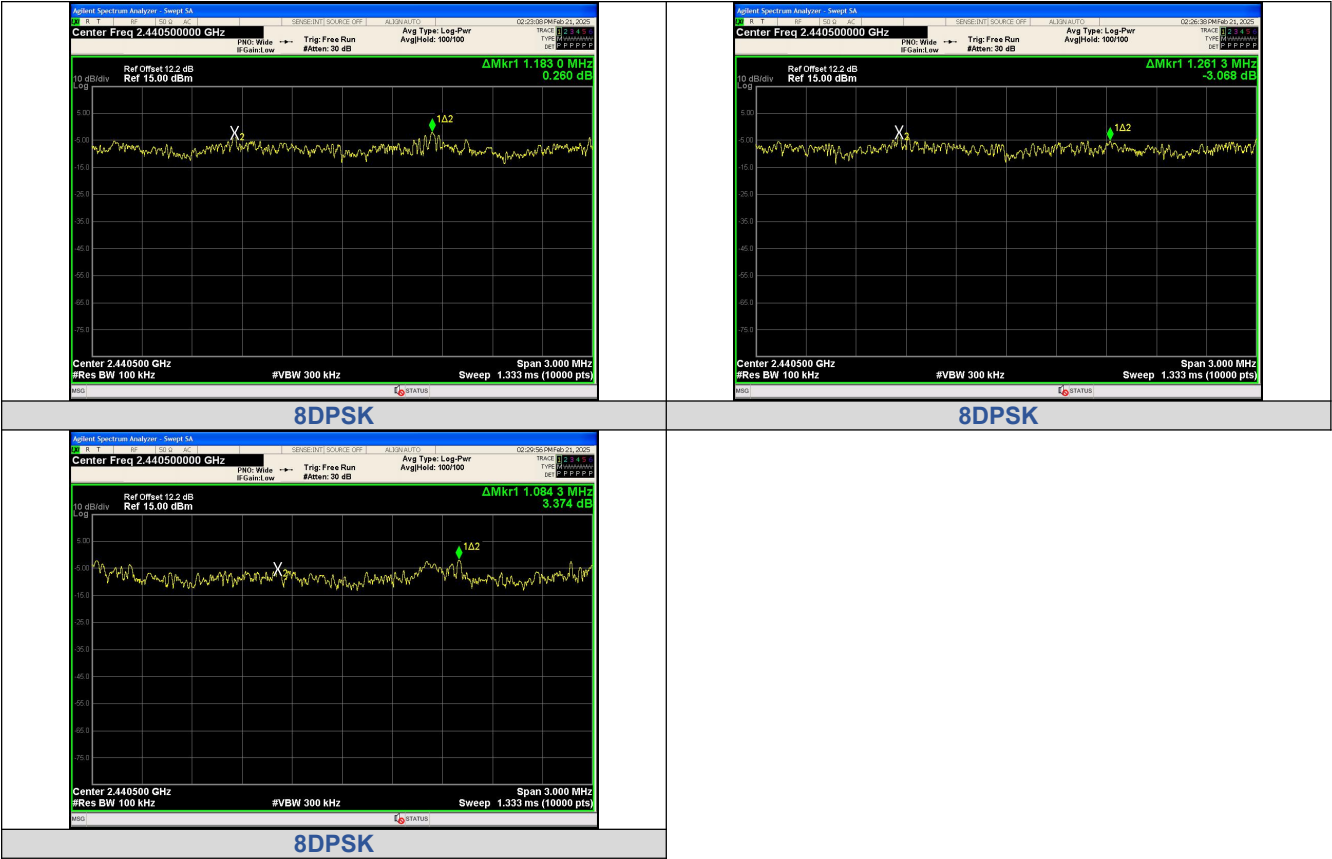
APPENDIX IV. Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2439.9781	2441.0333	1.0552	0.635	PASS
GFSK	DH5	2440.063	2441.0189	0.9559	0.637	PASS
GFSK	DH5	2439.9796	2441.051	1.0714	0.638	PASS
$\pi/4$ DQPSK	2-DH5	2440.0297	2441.0297	1.0000	0.855	PASS
$\pi/4$ DQPSK	2-DH5	2439.8863	2441.0168	1.1305	0.855	PASS
$\pi/4$ DQPSK	2-DH5	2439.8641	2440.8569	0.9928	0.854	PASS
8DPSK	3-DH5	2439.8536	2441.0366	1.1830	0.863	PASS
8DPSK	3-DH5	2439.859	2441.1203	1.2613	0.867	PASS
8DPSK	3-DH5	2440.1134	2441.1977	1.0843	0.865	PASS

Test Graphs





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

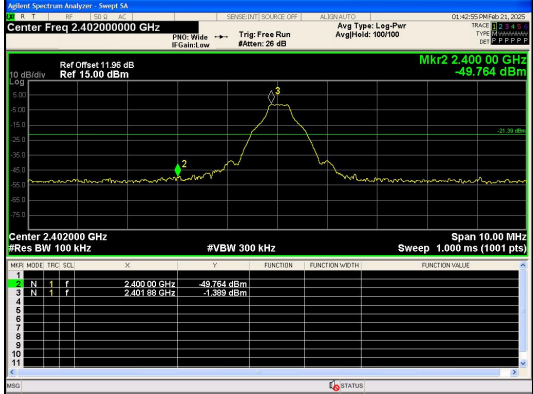
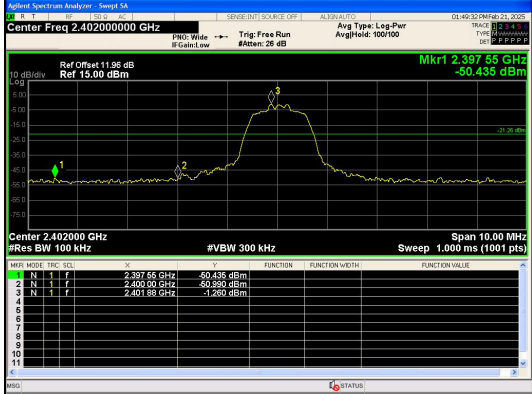
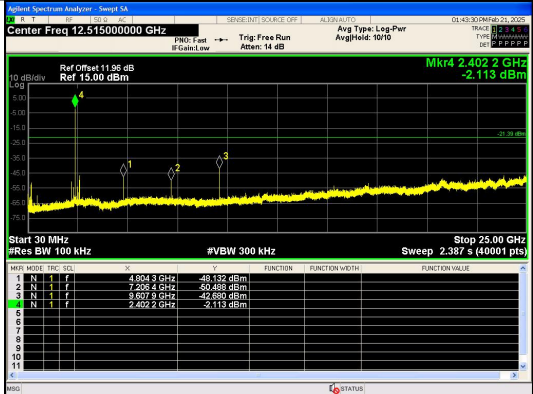
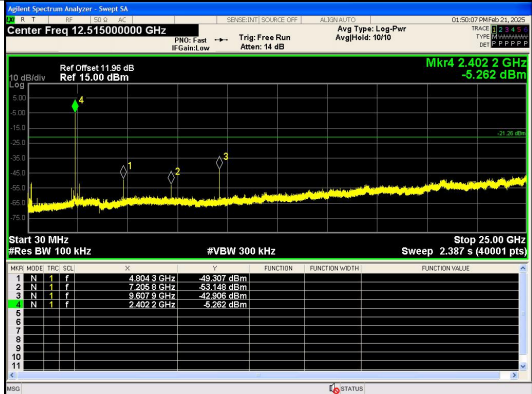
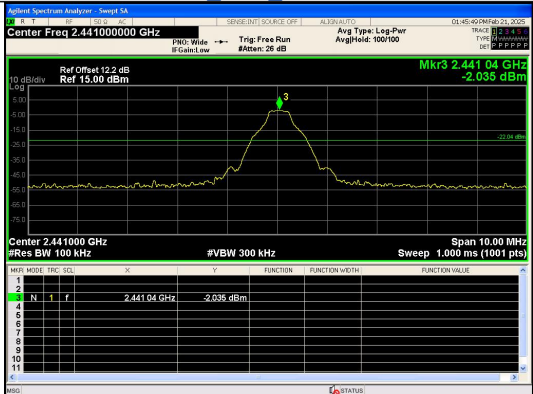
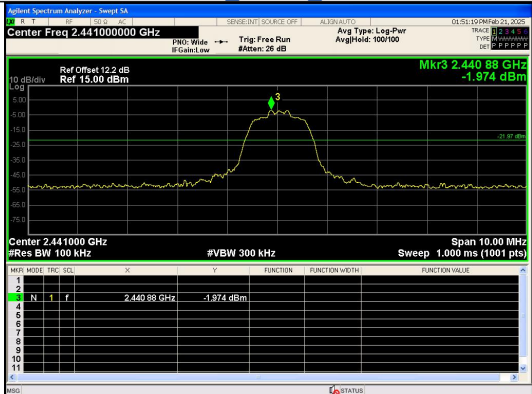
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-49.764	-21.39	-28.374	PASS
			4804.26	-48.132	-21.39	-26.742	PASS
			7206.38	-50.488	-21.39	-29.098	PASS
			9607.87	-42.679	-21.39	-21.289	PASS
		39	4882.30	-47.934	-22.04	-25.894	PASS
			7323.11	-50.307	-22.04	-28.267	PASS
			9763.93	-42.474	-22.04	-20.434	PASS
			2483.50	-51.144	-22.82	-28.324	PASS
		78	4960.33	-49.093	-22.82	-26.273	PASS
			7439.85	-50.833	-22.82	-28.013	PASS
			9919.99	-42.285	-22.82	-19.465	PASS
			2397.55	-50.435	-21.26	-29.175	PASS
$\pi/4$ DQPSK	2-DH5	0	2400.00	-50.990	-21.26	-29.730	PASS
			4804.30	-49.307	-21.26	-28.047	PASS
			7205.80	-53.148	-21.26	-31.888	PASS
			9607.90	-42.906	-21.26	-21.646	PASS
		39	4882.30	-48.231	-21.97	-26.261	PASS
			7323.11	-51.708	-21.97	-29.738	PASS
			9763.93	-42.639	-21.97	-20.669	PASS
			2483.50	-52.249	-22.68	-29.569	PASS
		78	4960.33	-50.098	-22.68	-27.418	PASS
			7440.47	-55.093	-22.68	-32.413	PASS
			9919.99	-42.396	-22.68	-19.716	PASS
			2397.66	-50.410	-21.34	-29.070	PASS
8DPSK	3-DH5	0	2400.00	-51.941	-21.34	-30.601	PASS
			4804.30	-49.439	-21.34	-28.099	PASS
			7206.40	-53.476	-21.34	-32.136	PASS
			9607.90	-43.649	-21.34	-22.309	PASS
		39	4882.30	-49.108	-21.98	-27.128	PASS
			7323.11	-52.202	-21.98	-30.222	PASS
			9763.93	-42.840	-21.98	-20.860	PASS
			2483.50	-51.423	-22.78	-28.643	PASS
		78	4960.33	-49.862	-22.78	-27.082	PASS
			7439.85	-54.599	-22.78	-31.819	PASS
			9919.99	-42.853	-22.78	-20.073	PASS
			2397.66	-50.410	-21.34	-29.070	PASS

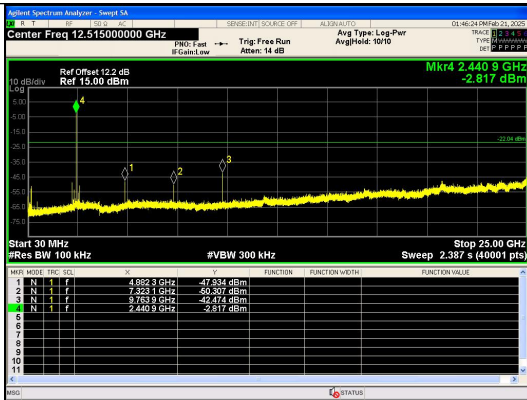
Hopping

Hopping							
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2398.02	-50.181	-21.51	-28.671	PASS
			2400.00	-51.981	-21.51	-30.471	PASS
			2483.50	-51.166	-22.71	-28.456	PASS
			2397.78	-48.772	-21.43	-27.342	PASS
			2400.00	-50.958	-21.43	-29.528	PASS
			2483.50	-51.734	-22.9	-28.834	PASS
			2398.12	-48.373	-21.51	-26.863	PASS
			2400.00	-50.502	-21.51	-28.992	PASS
2483.50	-50.512		-22.97	-27.542	PASS		
π/4DQPSK	2-DH5		2396.97	-49.414	-21.31	-28.104	PASS
			2400.00	-52.198	-21.31	-30.888	PASS
			2483.50	-51.234	-23.36	-27.874	PASS
			2397.61	-50.354	-21.64	-28.714	PASS
			2400.00	-52.352	-21.64	-30.712	PASS
			2483.50	-51.686	-22.67	-29.016	PASS
			2395.16	-50.100	-21.43	-28.670	PASS
		2400.00	-52.331	-21.43	-30.901	PASS	
2483.50	-49.831	-22.75	-27.081	PASS			
8DPSK	3-DH5	2398.19	-50.207	-21.43	-28.777	PASS	

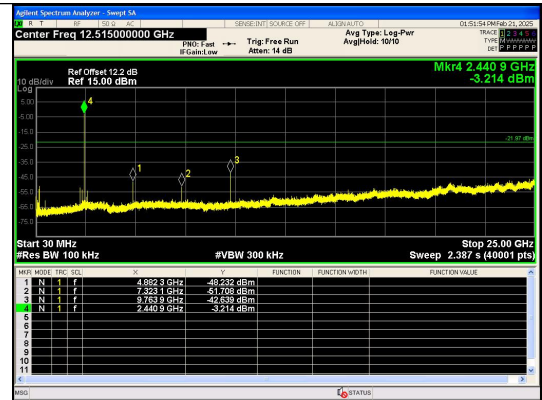
			2400.00	-52.384	-21.43	-30.954	PASS
			2483.50	-50.896	-22.75	-28.146	PASS
			2395.53	-50.046	-21.68	-28.366	PASS
			2400.00	-50.426	-21.68	-28.746	PASS
			2483.50	-51.035	-24.2	-26.835	PASS
			2398.48	-49.038	-21.59	-27.448	PASS
			2400.00	-52.062	-21.59	-30.472	PASS
			2483.50	-50.090	-23.01	-27.080	PASS

Test Graphs

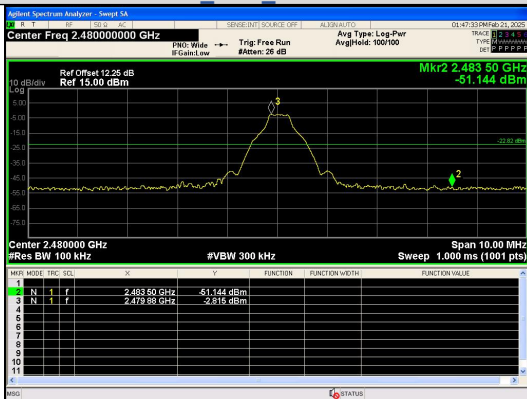
	
Out Of Band Emission GFSK DH5 Channel 0	Out Of Band Emission $\pi/4$ DQPSK 2-DH5 Channel 0
	
30.0 MHz - 25000.0 MHz GFSK DH5 Channel 0	30.0 MHz - 25000.0 MHz $\pi/4$ DQPSK 2-DH5 Channel 0
	
Out Of Band Emission GFSK DH5 Channel 39	Out Of Band Emission $\pi/4$ DQPSK 2-DH5 Channel 39



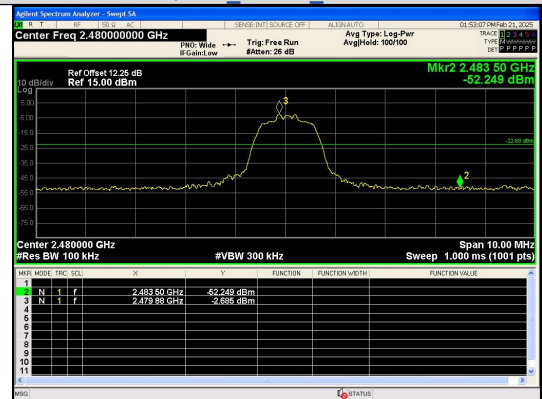
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 39



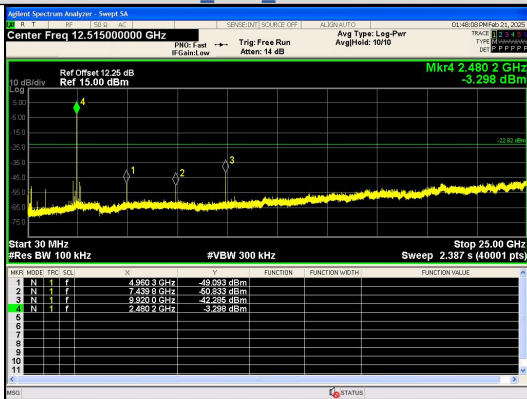
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 39



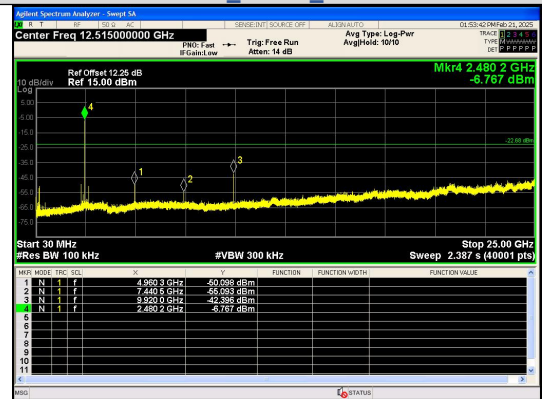
Out Of Band Emission
GFSK_DH5_Channel 78



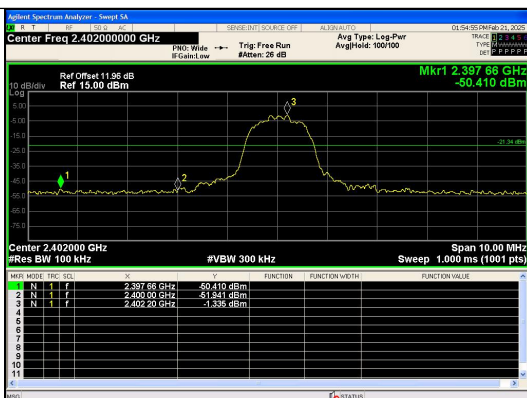
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78



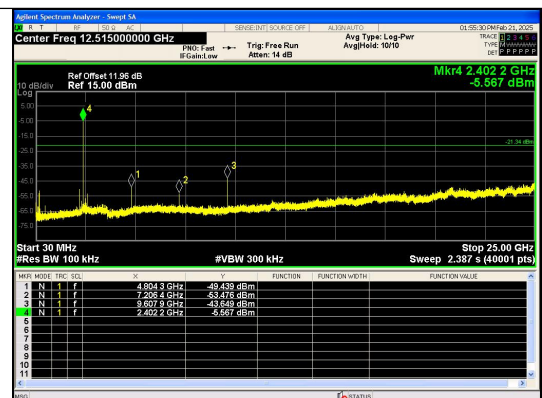
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 78



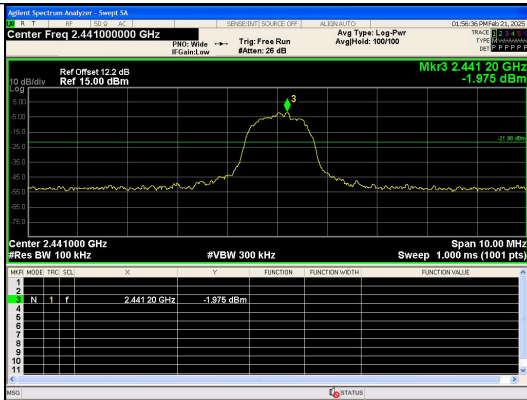
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 78



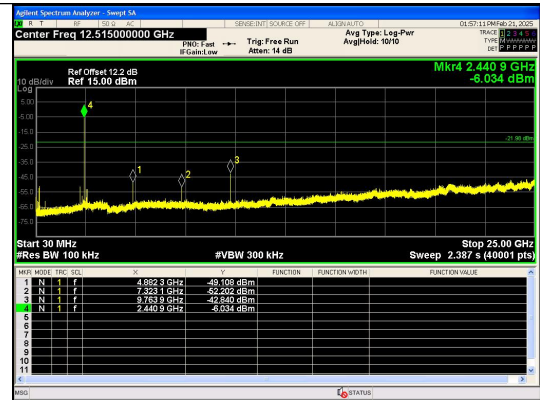
Out Of Band Emission
8DPSK_3-DH5_Channel 0



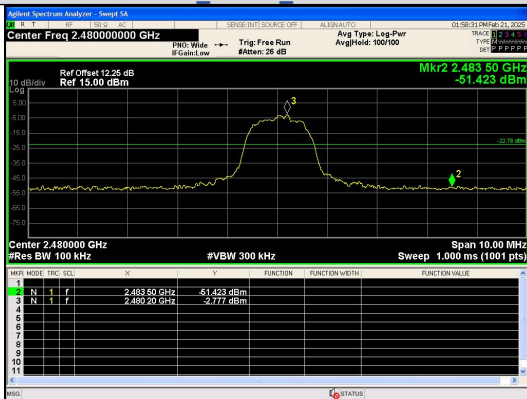
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 0



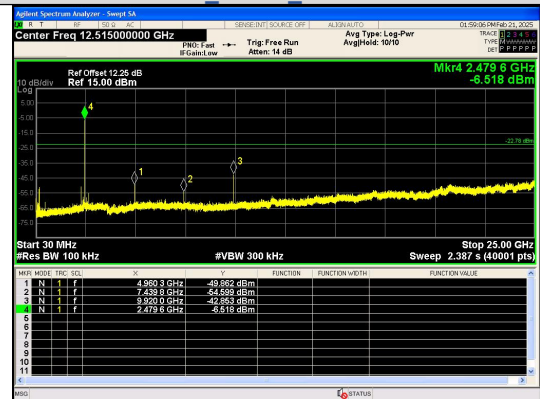
**Out Of Band Emission
8DPSK_3-DH5_Channel 39**



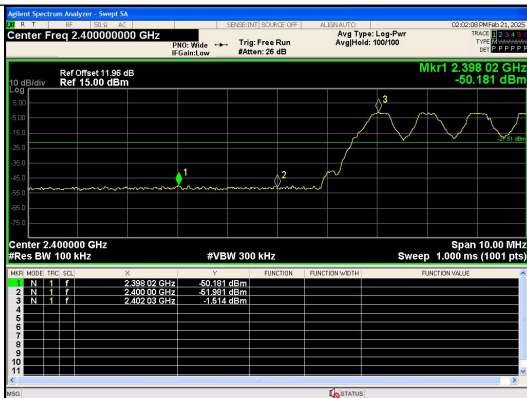
**30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39**



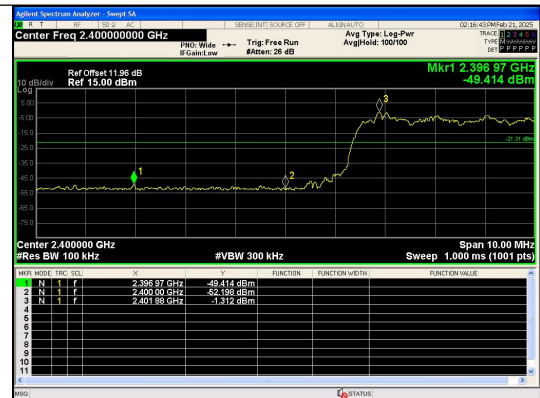
**Out Of Band Emission
8DPSK_3-DH5_Channel 78**



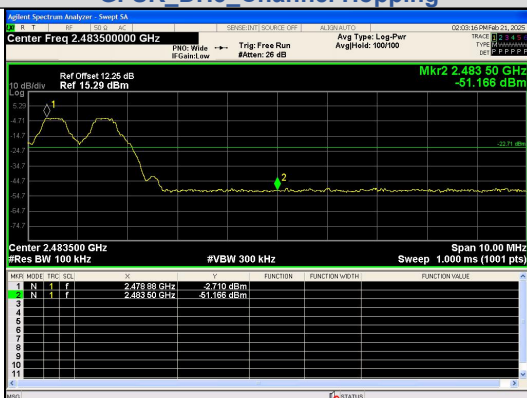
**30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 78**



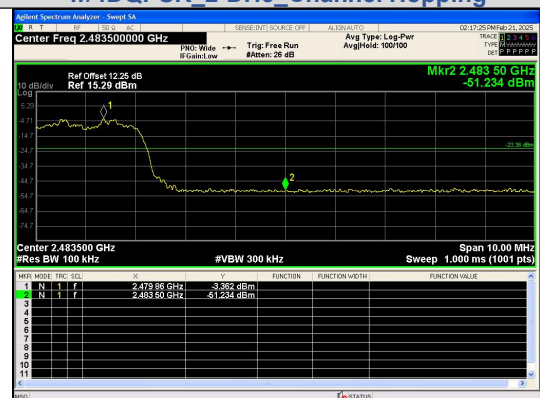
**Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping**



**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**