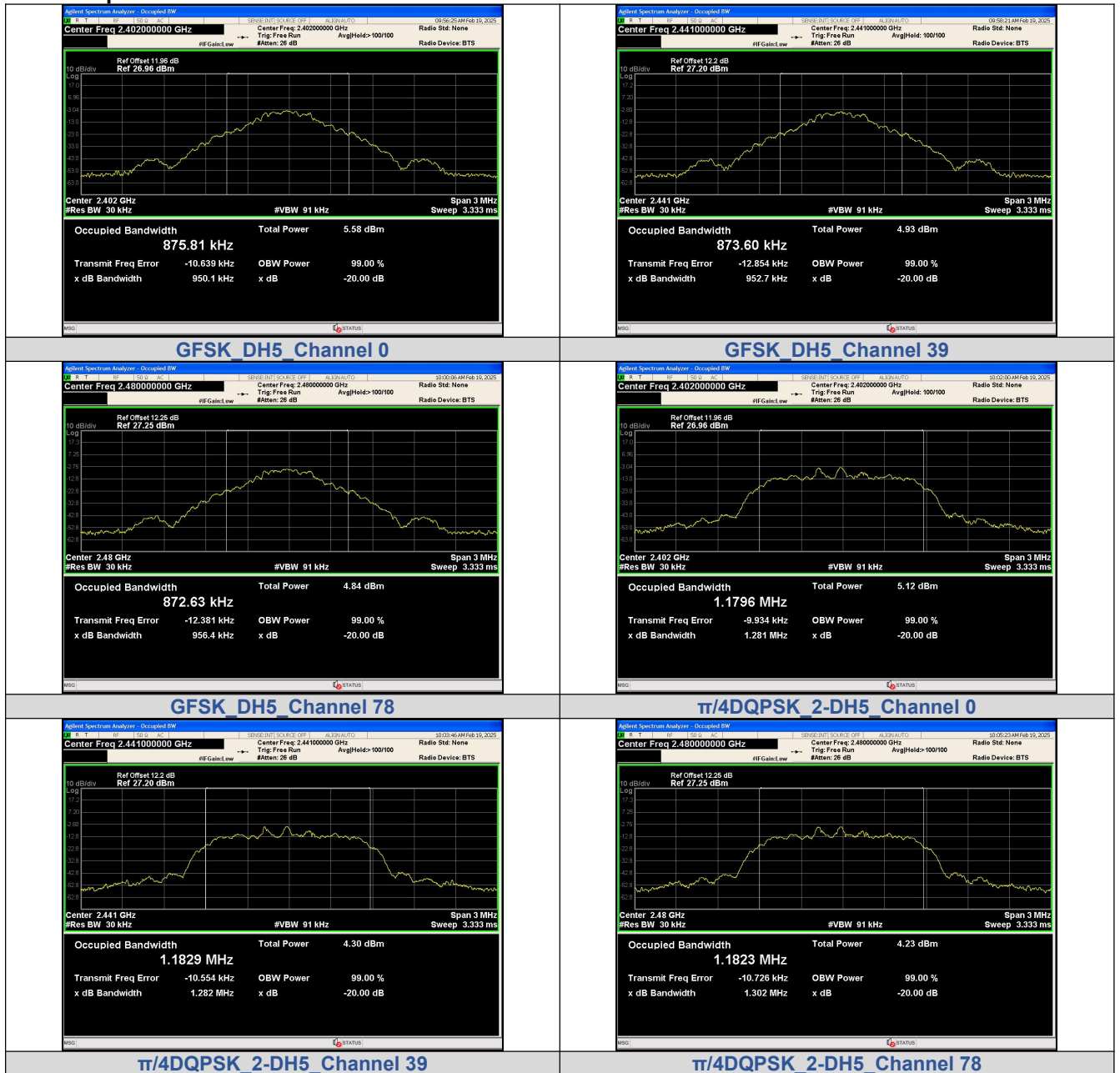


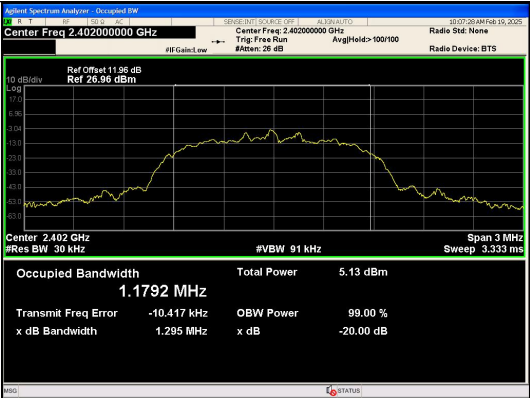
APPENDIX III. 20dB Bandwidth

Test Result

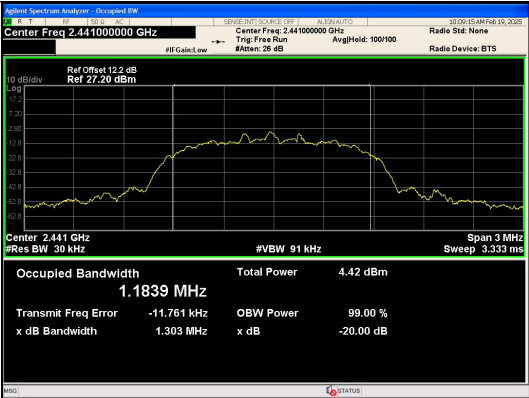
Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.9501
	39	2441 MHz	0.9527
	78	2480 MHz	0.9564
$\pi/4$ DQPSK	0	2402 MHz	1.281
	39	2441 MHz	1.282
	78	2480 MHz	1.302
8DPSK	0	2402 MHz	1.295
	39	2441 MHz	1.303
	78	2480 MHz	1.297

Test Graphs

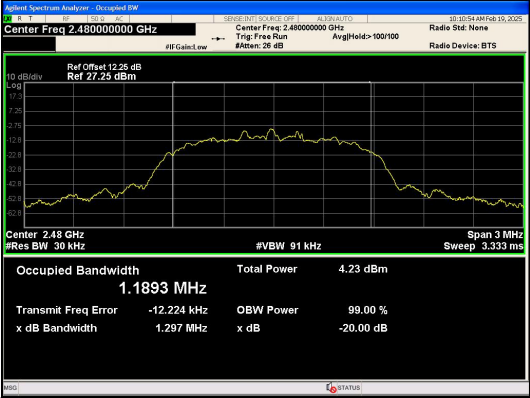




8DPSK 3-DH5 Channel 0



8DPSK 3-DH5 Channel 39



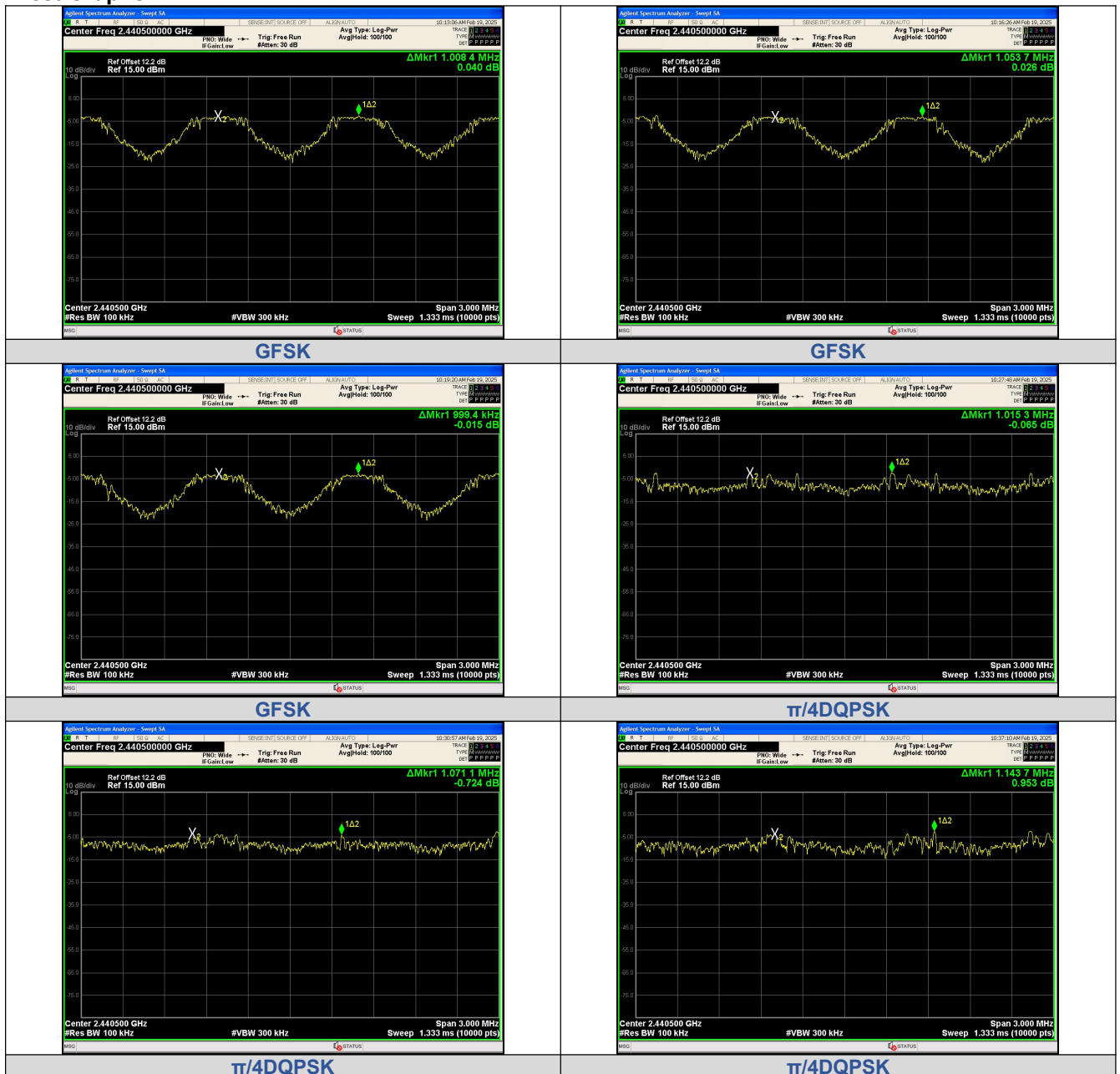
8DPSK 3-DH5 Channel 78

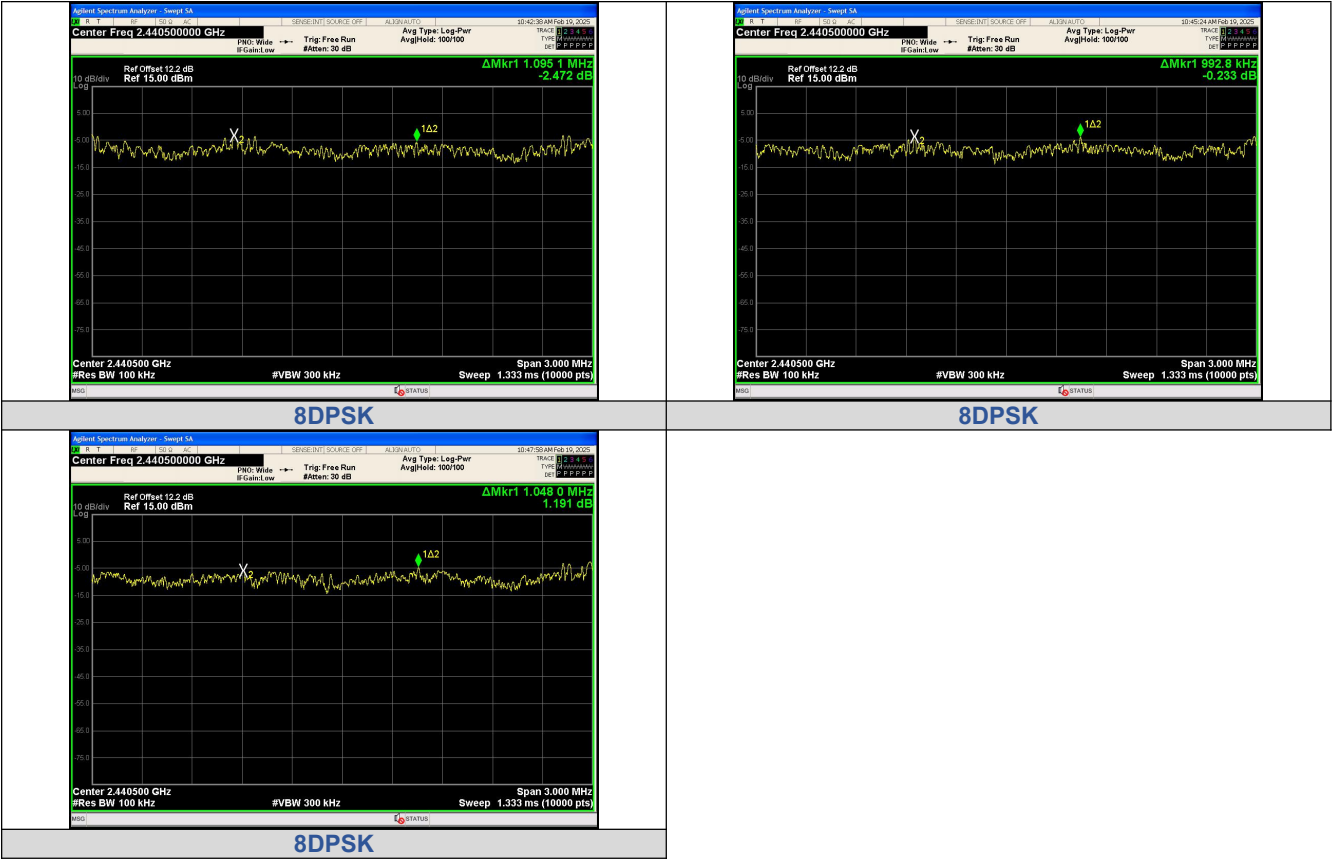
APPENDIX IV. Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2439.9826	2440.991	1.0084	0.633	PASS
GFSK	DH5	2440.003	2441.0567	1.0537	0.635	PASS
GFSK	DH5	2439.9901	2440.9895	0.9994	0.638	PASS
$\pi/4$ DQPSK	2-DH5	2439.8215	2440.8368	1.0153	0.854	PASS
$\pi/4$ DQPSK	2-DH5	2439.7978	2440.8689	1.0711	0.855	PASS
$\pi/4$ DQPSK	2-DH5	2439.9997	2441.1434	1.1437	0.868	PASS
8DPSK	3-DH5	2439.8506	2440.9457	1.0951	0.863	PASS
8DPSK	3-DH5	2439.9508	2440.9436	0.9928	0.869	PASS
8DPSK	3-DH5	2439.9079	2440.9559	1.0480	0.865	PASS

Test Graphs





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

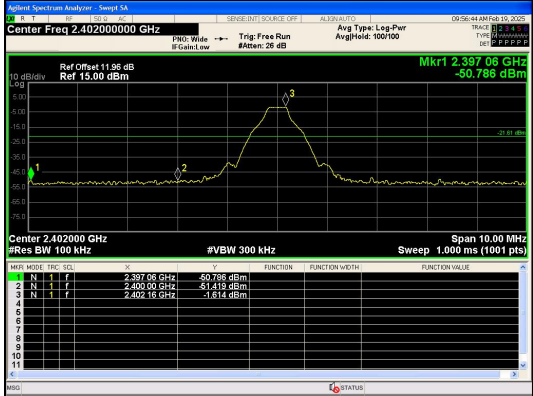
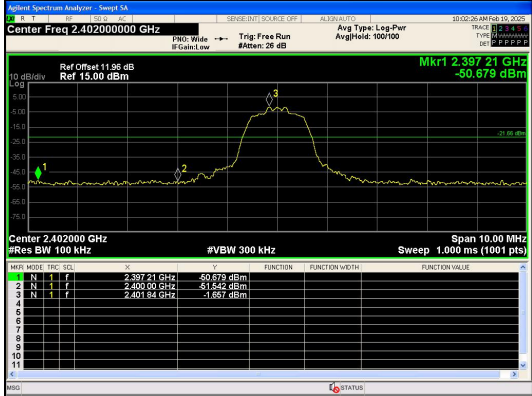
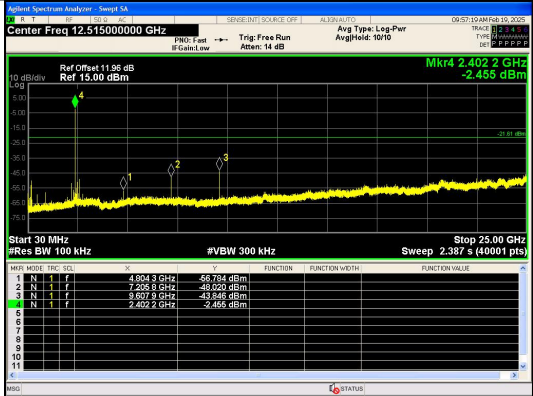
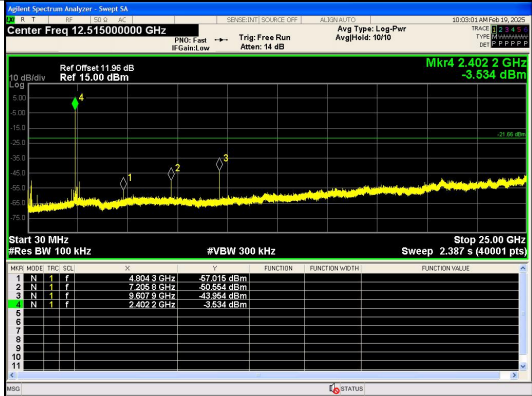
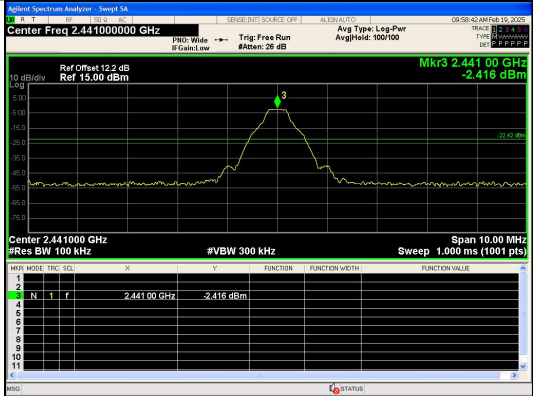
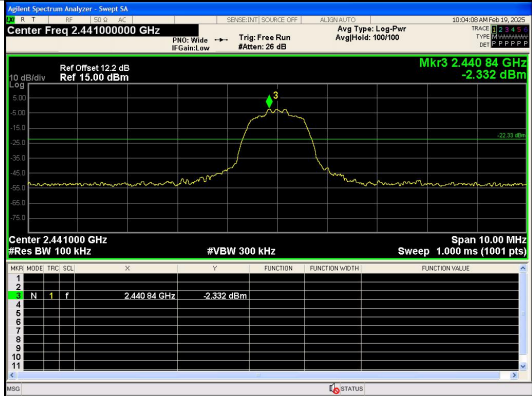
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2397.06	-50.786	-21.61	-29.176	PASS
			2400.00	-51.419	-21.61	-29.809	PASS
			4804.30	-56.784	-21.61	-35.174	PASS
			7205.80	-48.020	-21.61	-26.410	PASS
			9607.90	-43.846	-21.61	-22.236	PASS
		39	4882.30	-58.391	-22.42	-35.971	PASS
			7323.11	-48.725	-22.42	-26.305	PASS
			9763.93	-42.982	-22.42	-20.562	PASS
		78	2483.50	-51.747	-22.43	-29.317	PASS
			4959.70	-61.017	-22.43	-38.587	PASS
			7439.85	-48.124	-22.43	-25.694	PASS
			9919.99	-41.938	-22.43	-19.508	PASS
$\pi/4$ DQPSK	2-DH5	0	2397.21	-50.679	-21.66	-29.019	PASS
			2400.00	-51.542	-21.66	-29.882	PASS
			4804.30	-57.014	-21.66	-35.355	PASS
			7205.80	-50.554	-21.66	-28.894	PASS
			9607.90	-43.954	-21.66	-22.294	PASS
		39	4882.30	-59.185	-22.33	-36.855	PASS
			7323.11	-50.311	-22.33	-27.981	PASS
			9763.93	-42.996	-22.33	-20.666	PASS
		78	2483.50	-51.598	-22.36	-29.238	PASS
			4959.70	-60.806	-22.36	-38.446	PASS
			7440.47	-52.836	-22.36	-30.476	PASS
			9919.99	-41.839	-22.36	-19.479	PASS
8DPSK	3-DH5	0	2400.00	-49.641	-21.65	-27.991	PASS
			4804.26	-56.866	-21.65	-35.216	PASS
			7205.75	-49.439	-21.65	-27.789	PASS
			9607.87	-43.813	-21.65	-22.163	PASS
		39	4882.30	-59.263	-22.35	-36.913	PASS
			7323.11	-50.724	-22.35	-28.373	PASS
			9763.93	-42.883	-22.35	-20.532	PASS
		78	2483.50	-51.945	-22.73	-29.215	PASS
			4959.70	-59.754	-22.73	-37.024	PASS
			7440.47	-52.460	-22.73	-29.730	PASS
			9919.99	-42.052	-22.73	-19.322	PASS

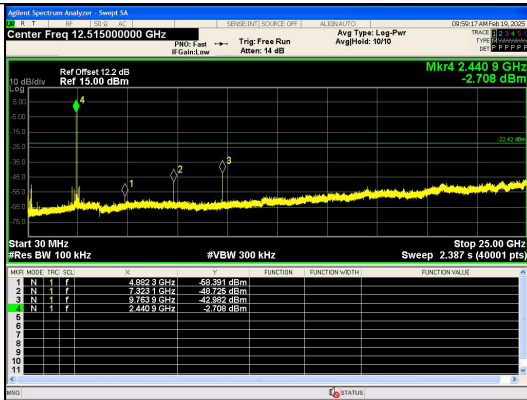
Hopping

Hopping							
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2398.85	-48.987	-21.8	-27.187	PASS
			2400.00	-51.845	-21.8	-30.045	PASS
			2483.50	-50.729	-22.57	-28.159	PASS
			2396.92	-48.459	-21.87	-26.589	PASS
			2400.00	-51.439	-21.87	-29.569	PASS
			2483.50	-50.558	-22.64	-27.918	PASS
			2398.79	-49.872	-21.83	-28.042	PASS
			2400.00	-50.870	-21.83	-29.040	PASS
2483.50	-50.333		-22.47	-27.863	PASS		
π/4DQPSK	2-DH5		2396.95	-49.856	-21.63	-28.226	PASS
			2400.00	-52.057	-21.63	-30.427	PASS
			2483.50	-50.944	-25.32	-25.624	PASS
			2395.91	-49.694	-21.74	-27.954	PASS
			2400.00	-52.528	-21.74	-30.788	PASS
			2483.50	-50.287	-22.4	-27.887	PASS
			2397.23	-49.500	-21.71	-27.790	PASS
			2400.00	-51.324	-21.71	-29.614	PASS
2483.50	-50.448		-22.65	-27.798	PASS		
8DPSK	3-DH5	2397.08	-49.487	-21.68	-27.807	PASS	

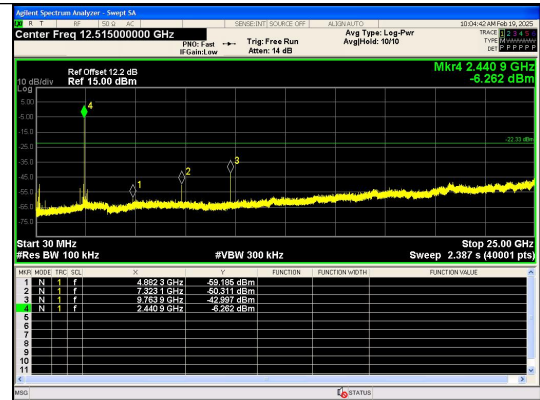
			2400.00	-51.710	-21.68	-30.030	PASS
			2483.50	-50.988	-22.67	-28.318	PASS
			2396.37	-49.894	-21.62	-28.274	PASS
			2400.00	-51.215	-21.62	-29.595	PASS
			2483.50	-50.763	-22.47	-28.293	PASS
			2395.75	-49.509	-21.61	-27.899	PASS
			2400.00	-50.461	-21.61	-28.851	PASS
			2483.50	-50.698	-22.61	-28.088	PASS

Test Graphs

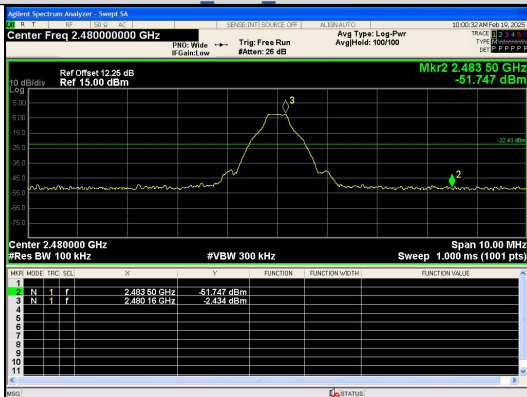
	
Out Of Band Emission GFSK DH5 Channel 0	Out Of Band Emission $\pi/4$ DQPSK 2-DH5 Channel 0
	
30.0 MHz - 25000.0 MHz GFSK DH5 Channel 0	30.0 MHz - 25000.0 MHz $\pi/4$ DQPSK 2-DH5 Channel 0
	
Out Of Band Emission GFSK DH5 Channel 39	Out Of Band Emission $\pi/4$ DQPSK 2-DH5 Channel 39



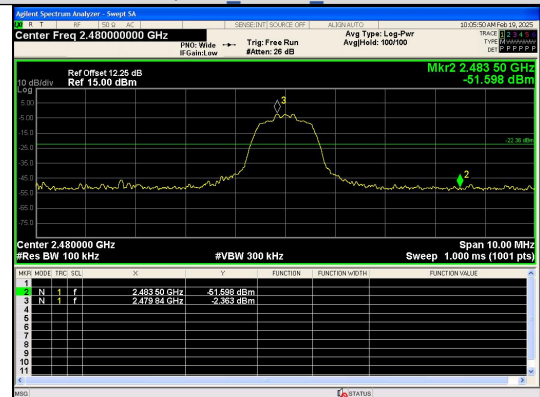
30.0 MHz - 25000.0 MHz
GFSK DH5 Channel 39



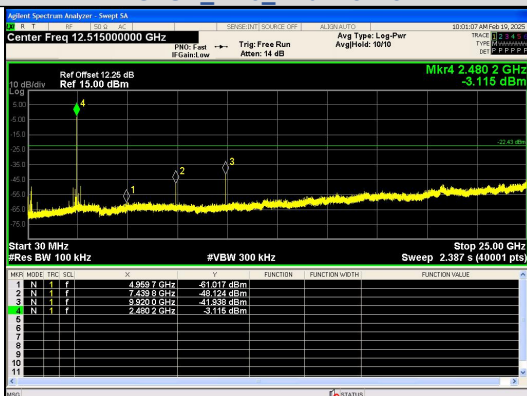
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK 2-DH5 Channel 39



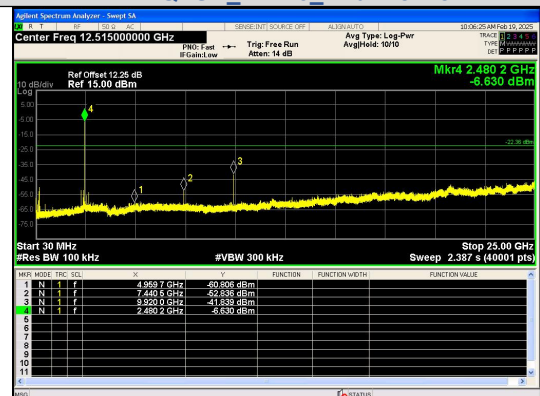
Out Of Band Emission
GFSK DH5 Channel 78



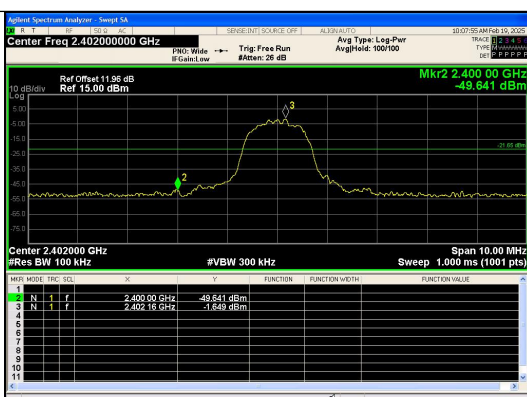
Out Of Band Emission
 $\pi/4$ DQPSK 2-DH5 Channel 78



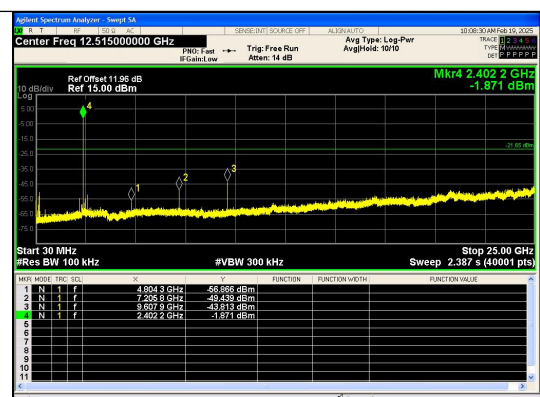
30.0 MHz - 25000.0 MHz
GFSK DH5 Channel 78



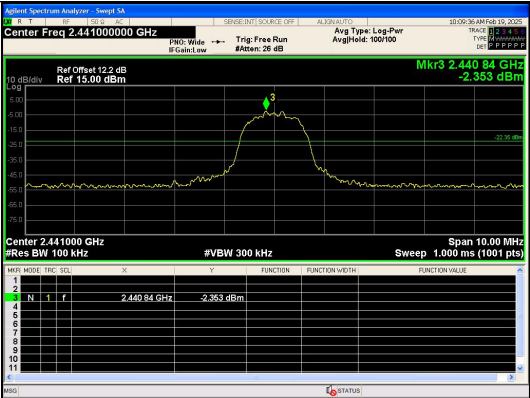
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK 2-DH5 Channel 78



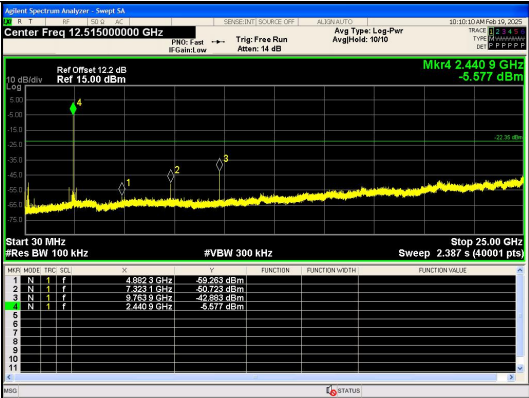
Out Of Band Emission
8DPSK 3-DH5 Channel 0



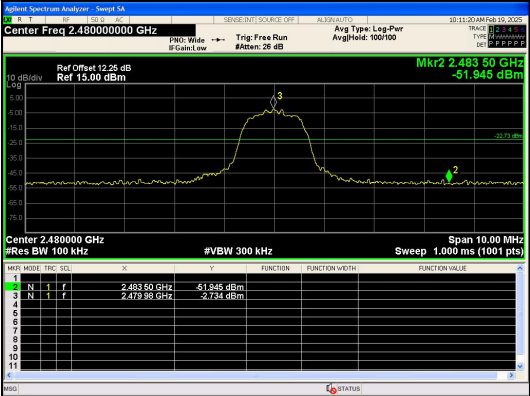
30.0 MHz - 25000.0 MHz
8DPSK 3-DH5 Channel 0



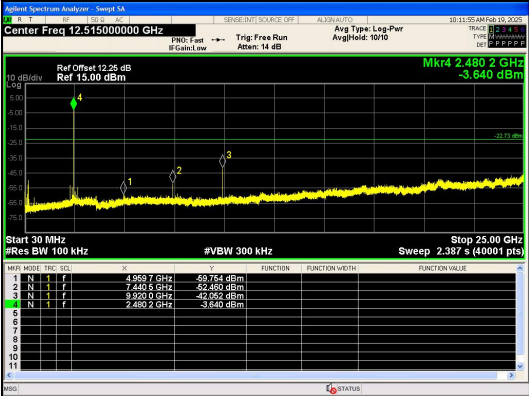
Out Of Band Emission
8DPSK_3-DH5_Channel 39



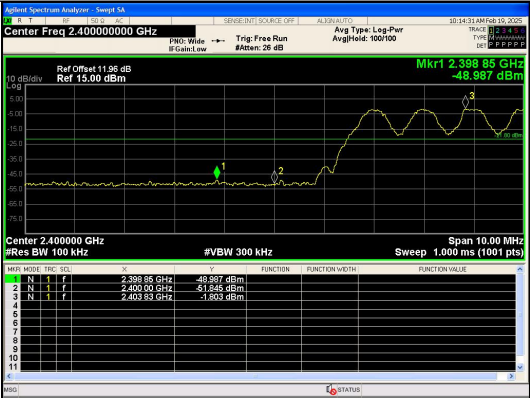
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39



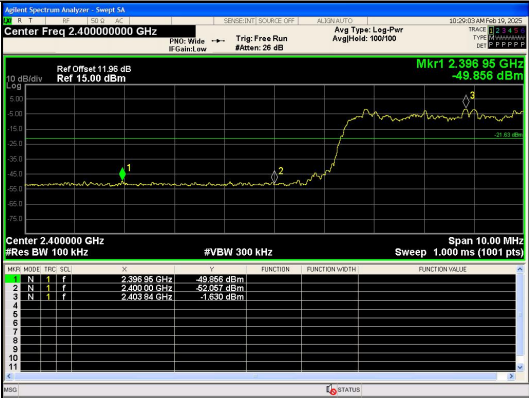
Out Of Band Emission
8DPSK_3-DH5_Channel 78



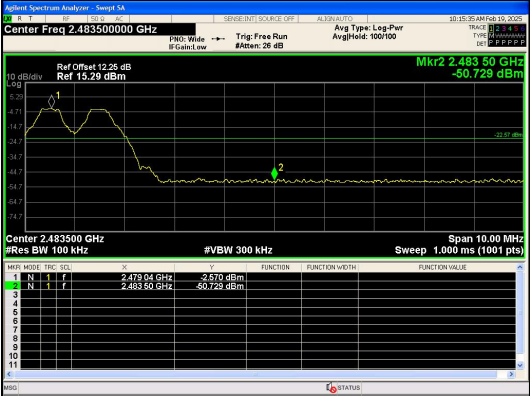
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 78



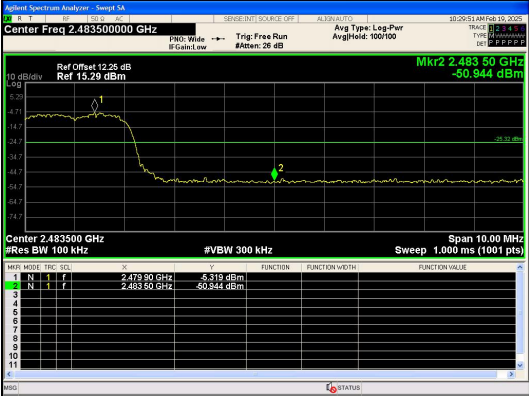
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



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