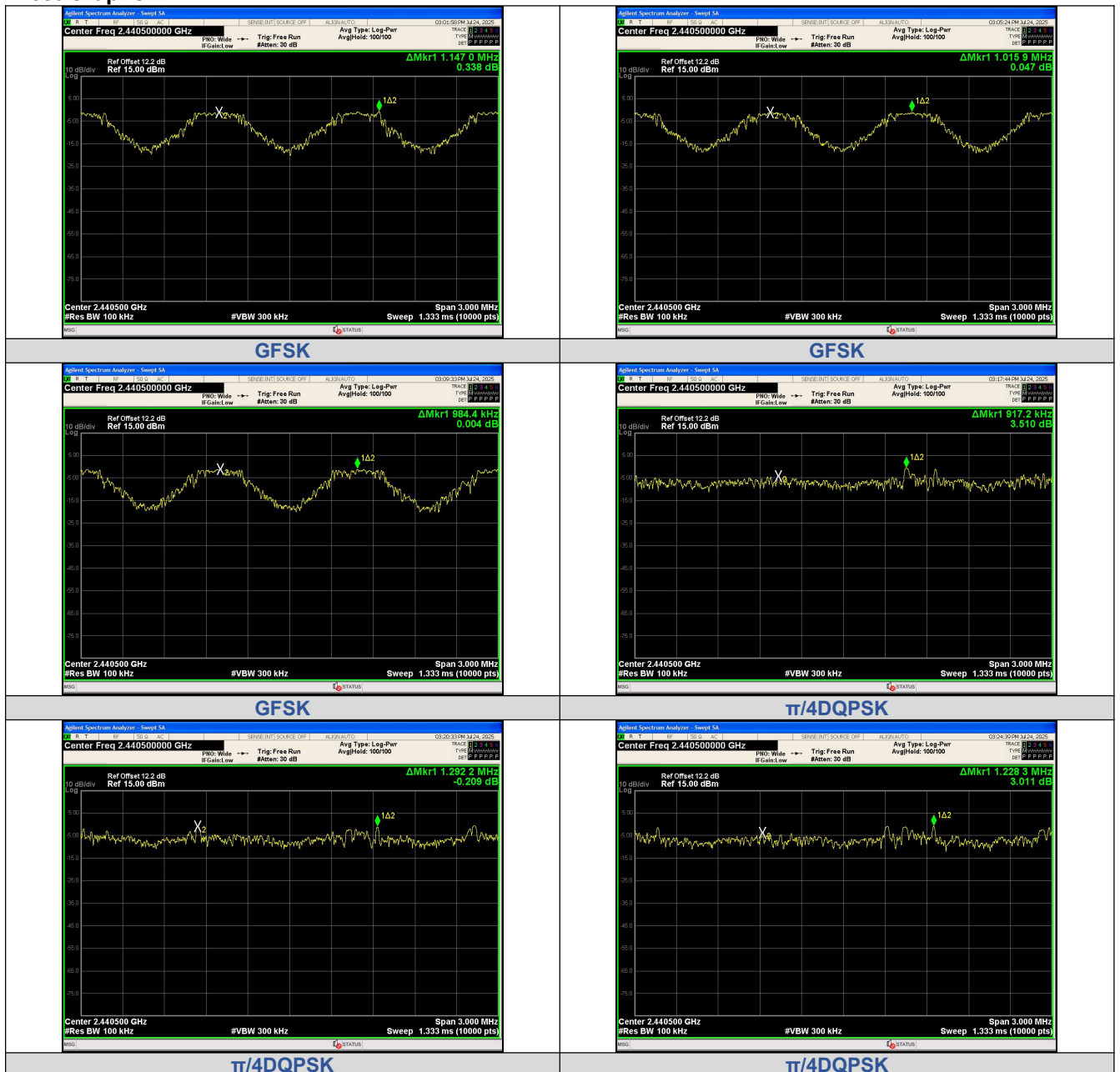


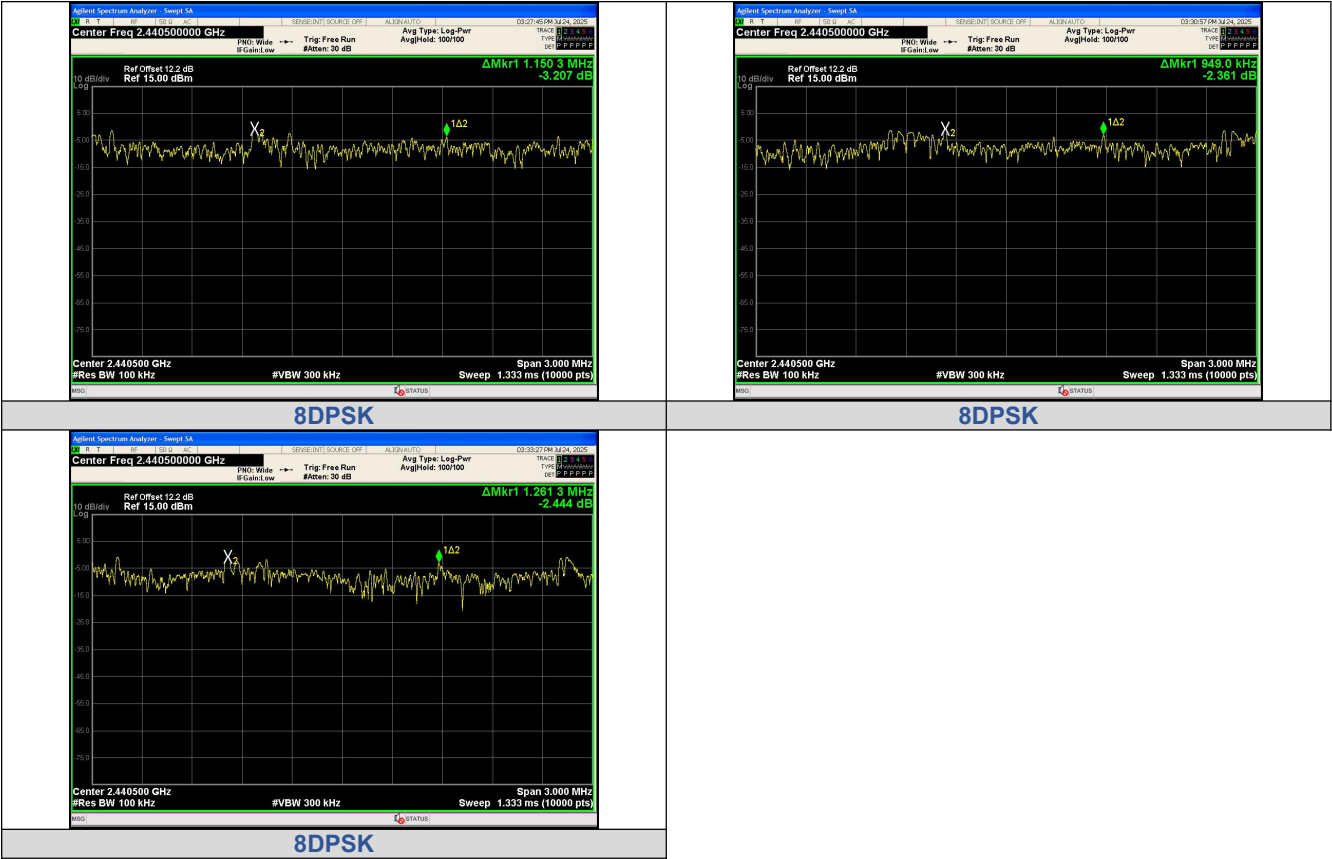
APPENDIX IV. Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2439.994	2441.141	1.1470	0.706	PASS
GFSK	DH5	2439.9745	2440.9904	1.0159	0.706	PASS
GFSK	DH5	2440.0018	2440.9862	0.9844	0.706	PASS
$\pi/4$ DQPSK	2-DH5	2440.0333	2440.9505	0.9172	0.889	PASS
$\pi/4$ DQPSK	2-DH5	2439.8377	2441.1299	1.2922	0.889	PASS
$\pi/4$ DQPSK	2-DH5	2439.919	2441.1473	1.2283	0.889	PASS
8DPSK	3-DH5	2439.973	2441.1233	1.1503	0.889	PASS
8DPSK	3-DH5	2440.1332	2441.0822	0.9490	0.889	PASS
8DPSK	3-DH5	2439.8158	2441.0771	1.2613	0.889	PASS

Test Graphs





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

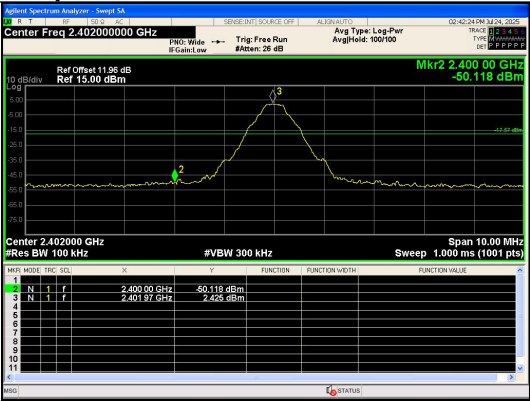
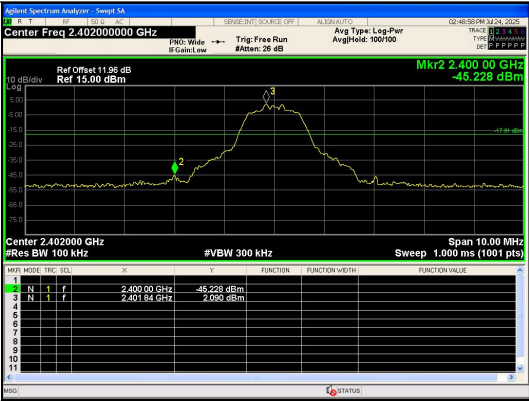
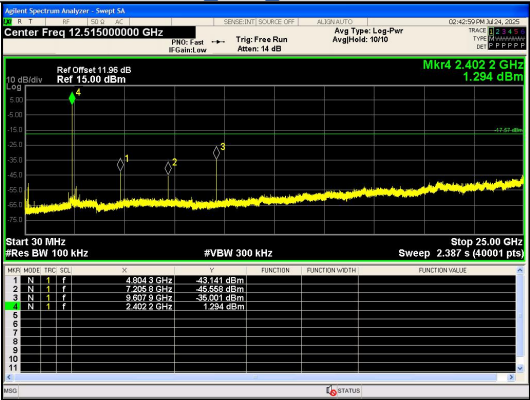
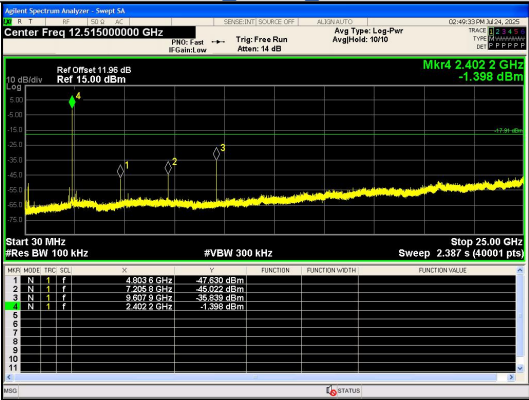
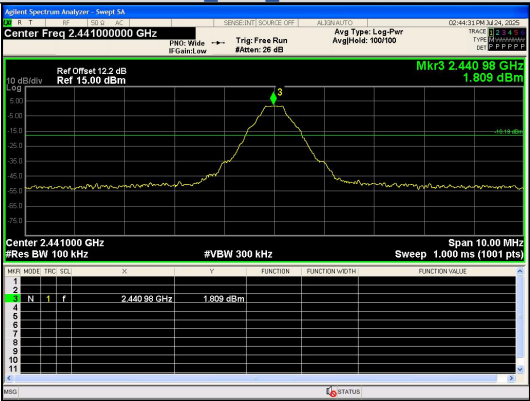
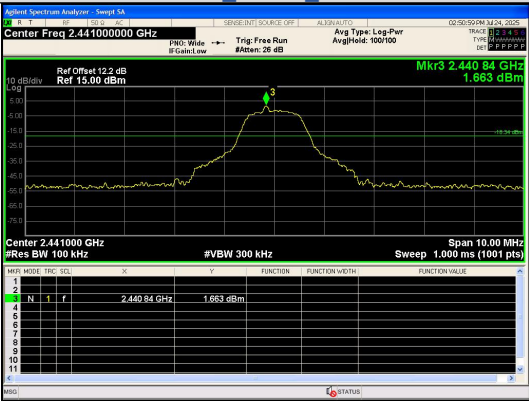
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-50.118	-17.57	-32.548	PASS
			4804.26	-43.141	-17.57	-25.571	PASS
			7205.75	-45.558	-17.57	-27.988	PASS
			9607.87	-35.001	-17.57	-17.431	PASS
		39	4881.67	-43.719	-18.19	-25.529	PASS
			7323.11	-43.115	-18.19	-24.925	PASS
			9763.93	-36.255	-18.19	-18.065	PASS
			2483.50	-51.705	-18.42	-33.285	PASS
		78	4959.70	-43.149	-18.42	-24.729	PASS
			7439.85	-43.411	-18.42	-24.991	PASS
			9919.99	-34.465	-18.42	-16.045	PASS
			2400.00	-45.228	-17.91	-27.318	PASS
$\pi/4$ DQPSK	2-DH5	0	4803.64	-47.630	-17.91	-29.720	PASS
			7205.75	-45.022	-17.91	-27.112	PASS
			9607.87	-35.839	-17.91	-17.929	PASS
			4882.30	-46.069	-18.34	-27.729	PASS
		39	7323.11	-46.193	-18.34	-27.853	PASS
			9763.93	-35.038	-18.34	-16.698	PASS
			2483.50	-51.460	-18.57	-32.890	PASS
			4959.70	-45.815	-18.57	-27.245	PASS
		78	7439.85	-45.469	-18.57	-26.899	PASS
			9919.99	-35.236	-18.57	-16.666	PASS
			2400.00	-46.776	-17.69	-29.086	PASS
			4803.02	-50.777	-17.69	-33.087	PASS
8DPSK	3-DH5	0	7206.38	-48.133	-17.69	-30.443	PASS
			9607.87	-35.666	-17.69	-17.976	PASS
			4881.67	-48.197	-20.35	-27.847	PASS
			7323.11	-49.944	-20.35	-29.594	PASS
		39	9763.93	-36.373	-20.35	-16.023	PASS
			2483.50	-51.500	-20.72	-30.780	PASS
			4959.70	-50.469	-20.72	-29.749	PASS
			7439.85	-47.873	-20.72	-27.153	PASS
		78	9919.99	-35.900	-20.72	-15.180	PASS

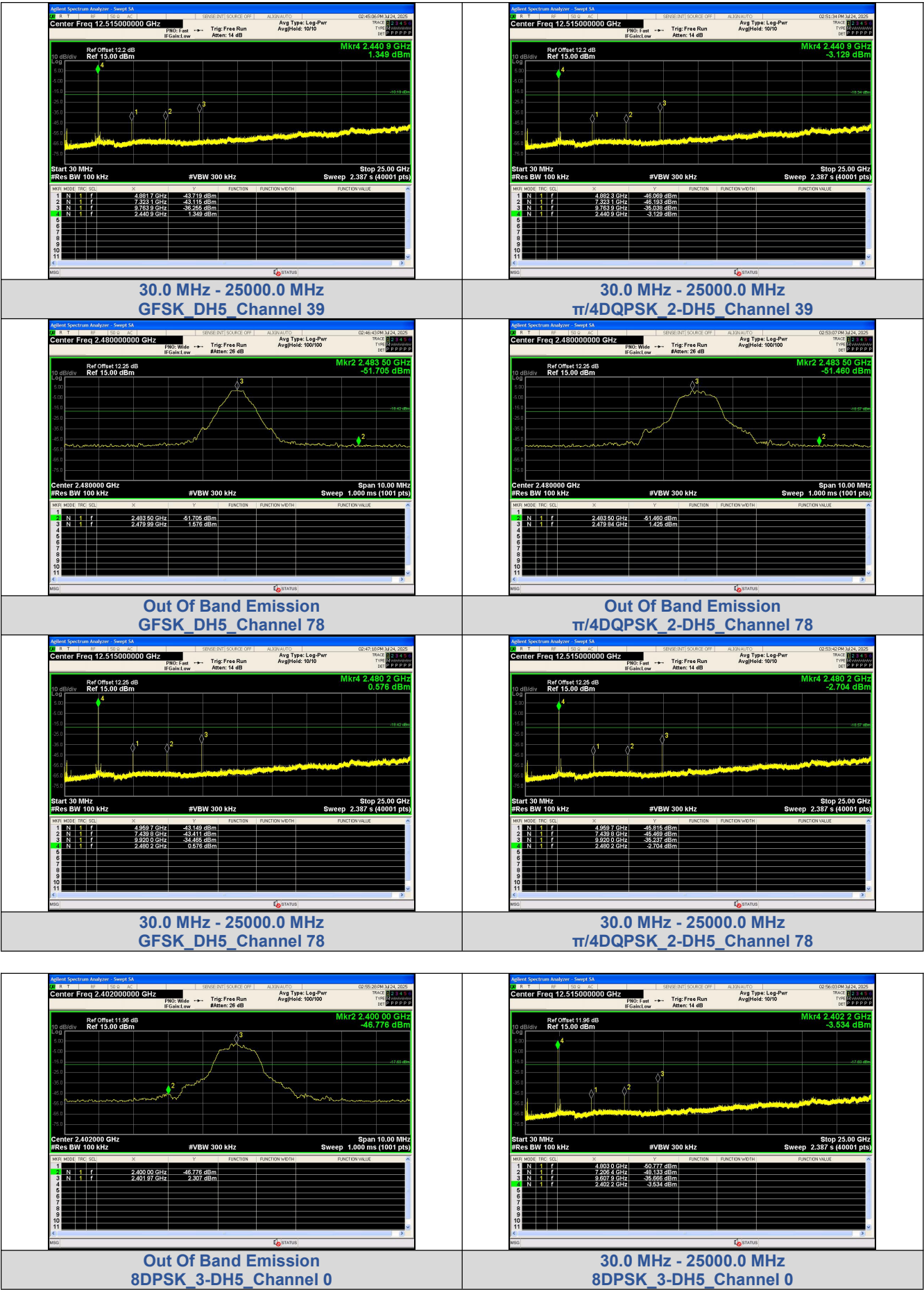
Hopping

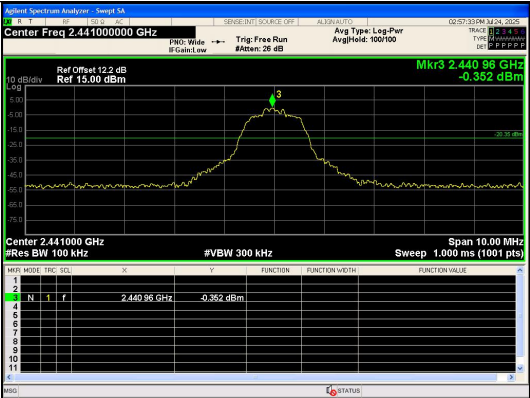
Hopping							
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2397.65	-49.465	-20.09	-29.375	PASS
			2400.00	-51.435	-20.09	-31.345	PASS
			2483.50	-51.071	-21.24	-29.831	PASS
			2396.19	-49.846	-20.17	-29.676	PASS
			2400.00	-51.593	-20.17	-31.423	PASS
			2483.50	-50.544	-21.03	-29.514	PASS
			2395.02	-49.444	-20.28	-29.164	PASS
			2400.00	-51.101	-20.28	-30.821	PASS
2483.50	-51.675		-21.04	-30.635	PASS		
π/4DQPSK	2-DH5		2395.58	-49.960	-20.45	-29.510	PASS
			2400.00	-51.132	-20.45	-30.682	PASS
			2483.50	-51.398	-23.88	-27.518	PASS
			2395.81	-48.973	-20.28	-28.693	PASS
			2400.00	-50.045	-20.28	-29.765	PASS
			2483.50	-50.736	-21.1	-29.636	PASS
			2395.67	-49.910	-20.82	-29.090	PASS
			2400.00	-52.086	-20.82	-31.266	PASS
8DPSK	3-DH5		2483.50	-51.417	-21.45	-29.967	PASS
			2398.59	-50.495	-19.94	-30.555	PASS
			2400.00	-51.483	-19.94	-31.543	PASS
		2483.50	-50.568	-22.28	-28.288	PASS	

			2396.14	-49.995	-20.2	-29.795	PASS
			2400.00	-50.569	-20.2	-30.369	PASS
			2483.50	-50.924	-22.26	-28.664	PASS
			2398.41	-50.232	-19.9	-30.332	PASS
			2400.00	-52.040	-19.9	-32.140	PASS
			2483.50	-50.118	-21.58	-28.538	PASS

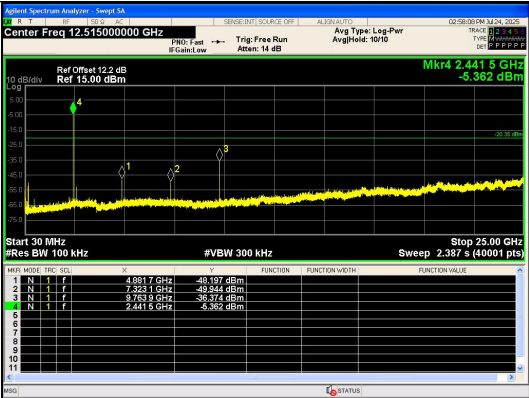
Test Graphs

	
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

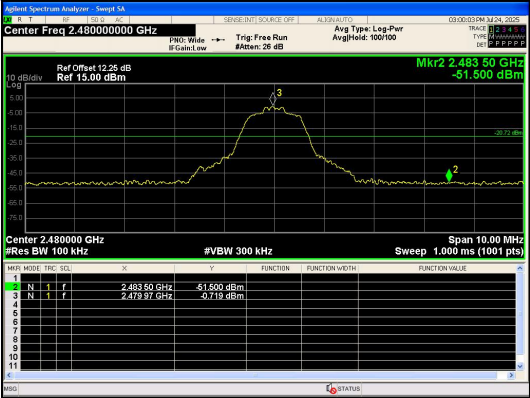




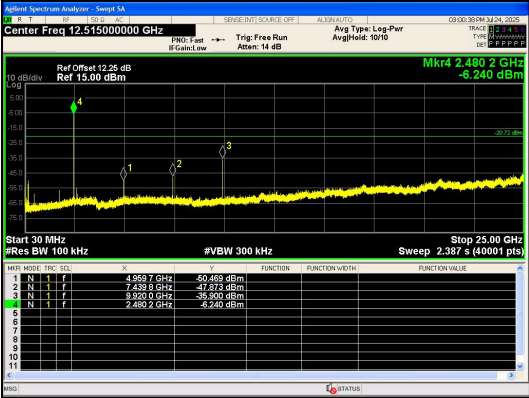
Out Of Band Emission
8DPSK_3-DH5_Channel 39



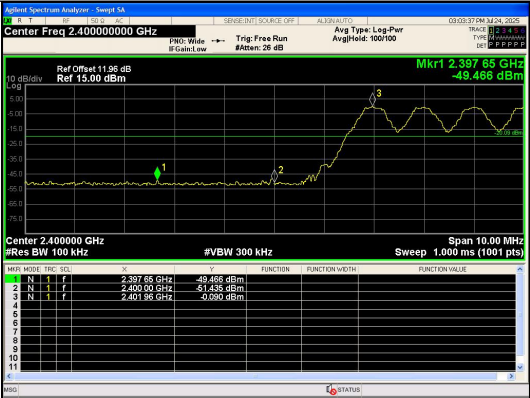
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39



Out Of Band Emission
8DPSK_3-DH5_Channel 78



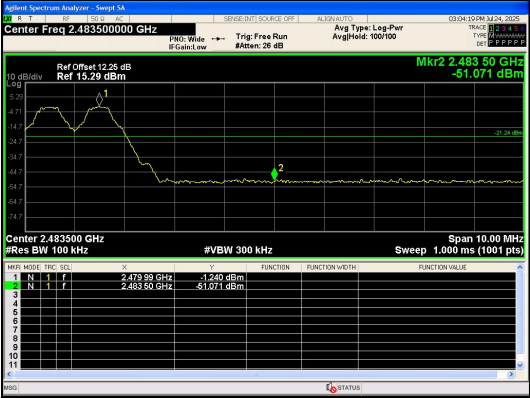
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 78



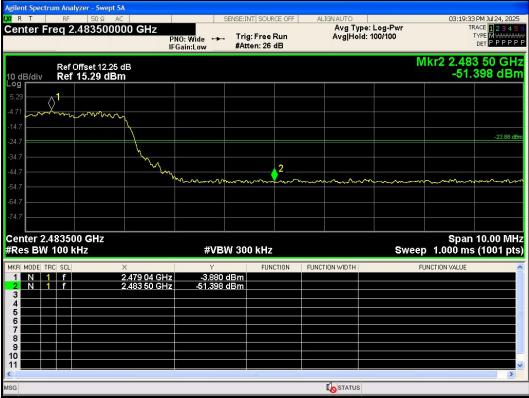
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



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