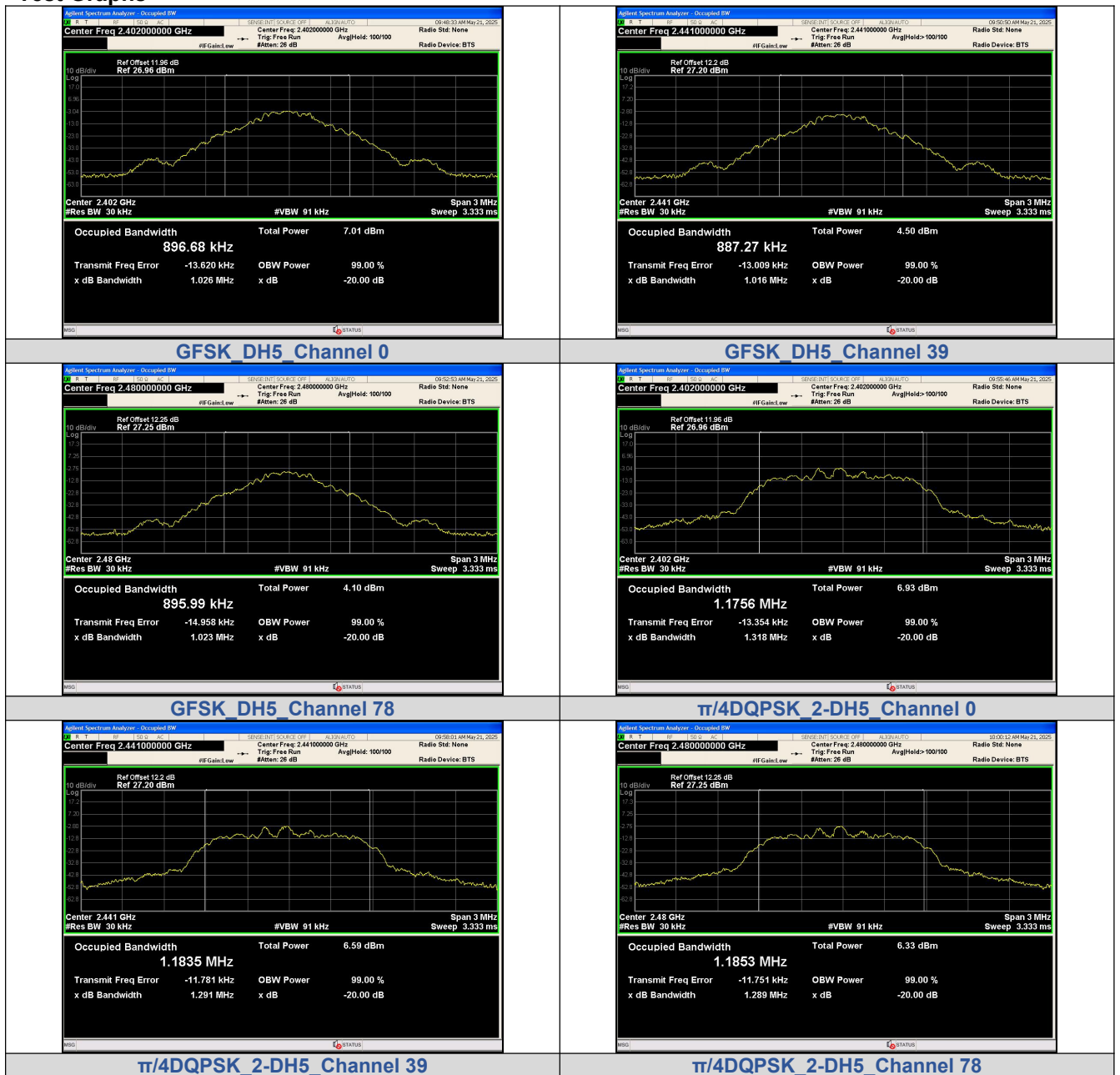


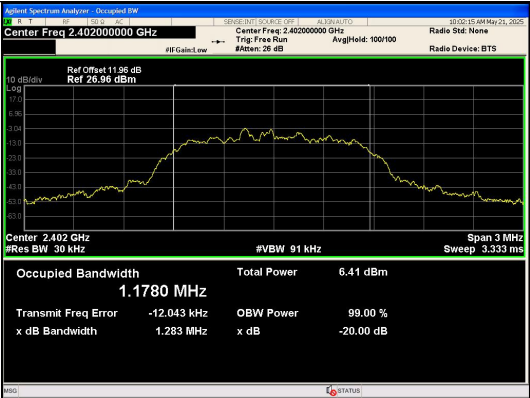
APPENDIX VI. 20dB Bandwidth

Test Result

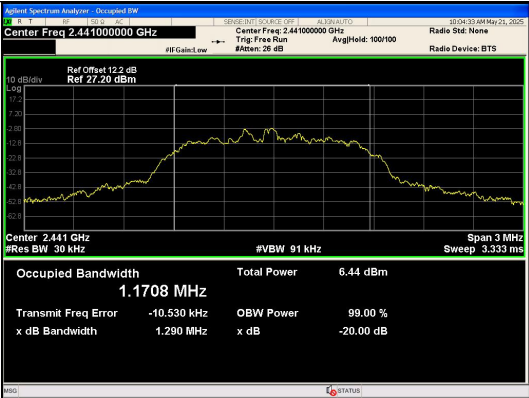
Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	1.026
	39	2441 MHz	1.016
	78	2480 MHz	1.023
$\pi/4$ DQPSK	0	2402 MHz	1.318
	39	2441 MHz	1.291
	78	2480 MHz	1.289
8DPSK	0	2402 MHz	1.283
	39	2441 MHz	1.290
	78	2480 MHz	1.286

Test Graphs

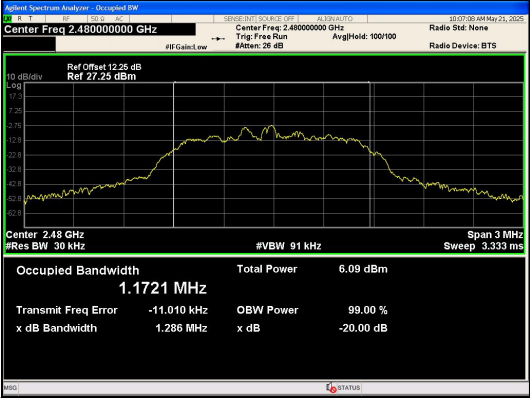




8DPSK 3-DH5 Channel 0



8DPSK 3-DH5 Channel 39



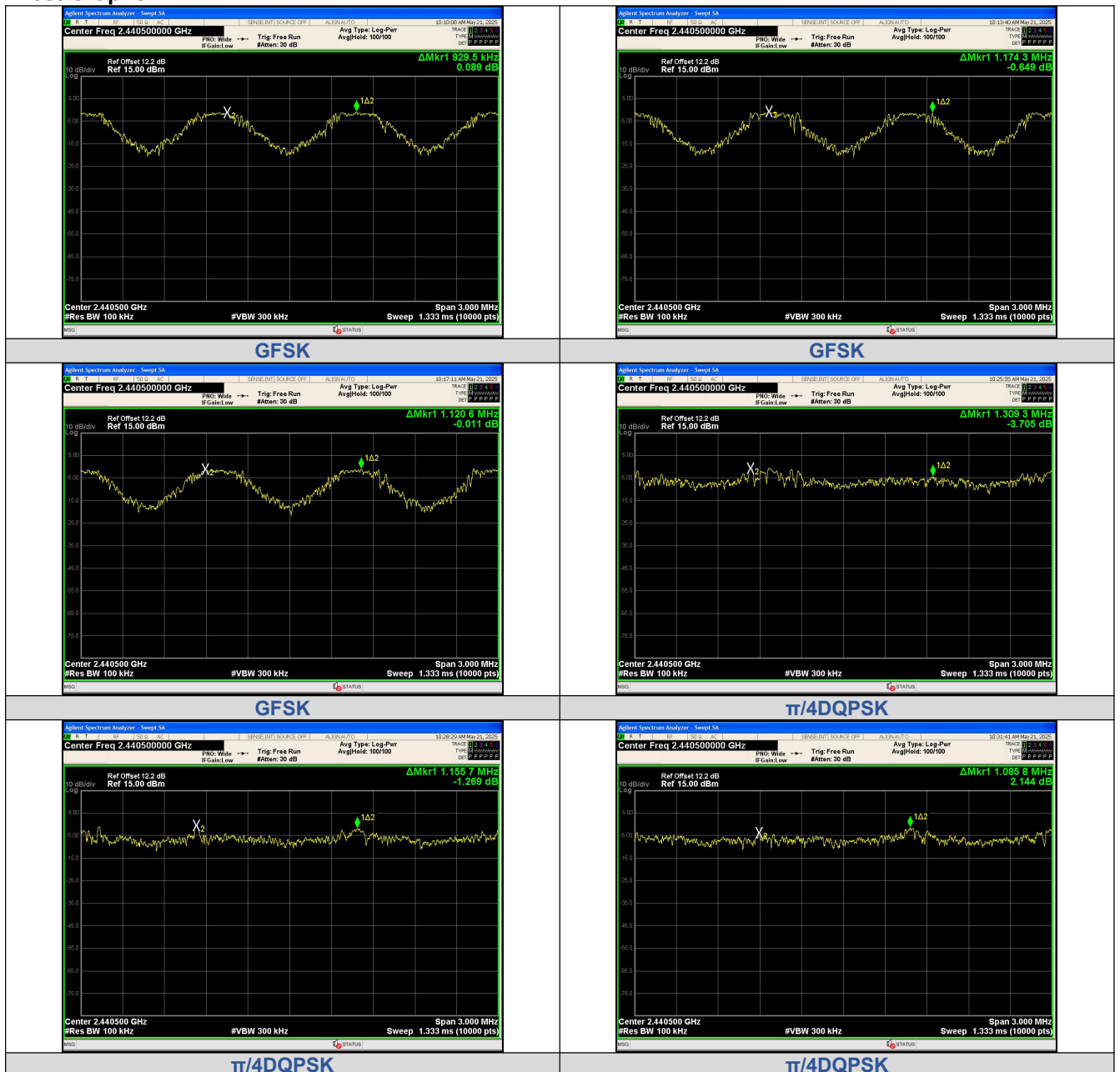
8DPSK 3-DH5 Channel 78

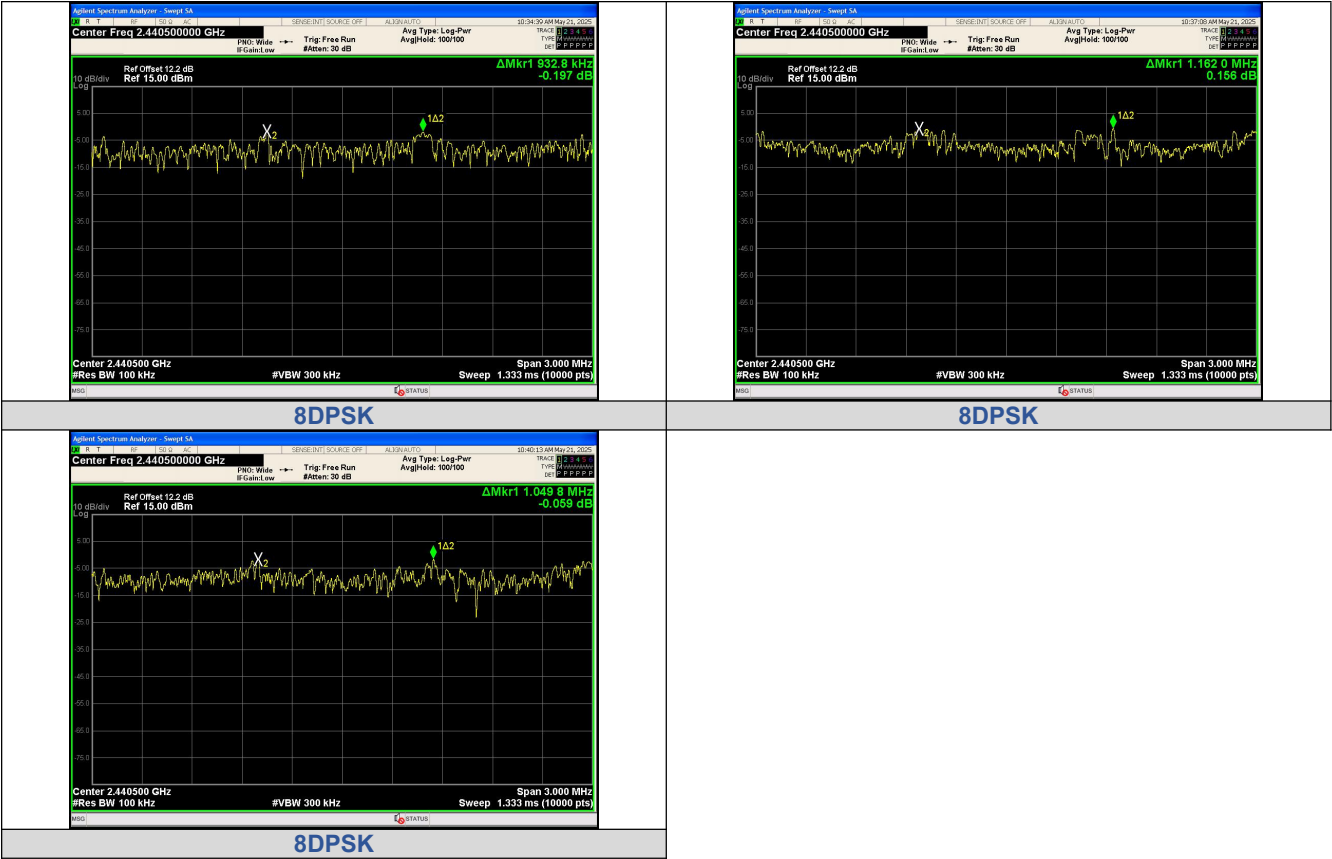
APPENDIX VII. Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2440.0504	2440.9799	0.9295	0.684	PASS
GFSK	DH5	2439.9643	2441.1386	1.1743	0.684	PASS
GFSK	DH5	2439.8938	2441.0144	1.1206	0.684	PASS
$\pi/4$ DQPSK	2-DH5	2439.8329	2441.1422	1.3093	0.879	PASS
$\pi/4$ DQPSK	2-DH5	2439.8305	2440.9862	1.1557	0.879	PASS
$\pi/4$ DQPSK	2-DH5	2439.8932	2440.979	1.0858	0.879	PASS
8DPSK	3-DH5	2440.0492	2440.982	0.9328	0.86	PASS
8DPSK	3-DH5	2439.9769	2441.1389	1.1620	0.86	PASS
8DPSK	3-DH5	2439.9955	2441.0453	1.0498	0.86	PASS

Test Graphs





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

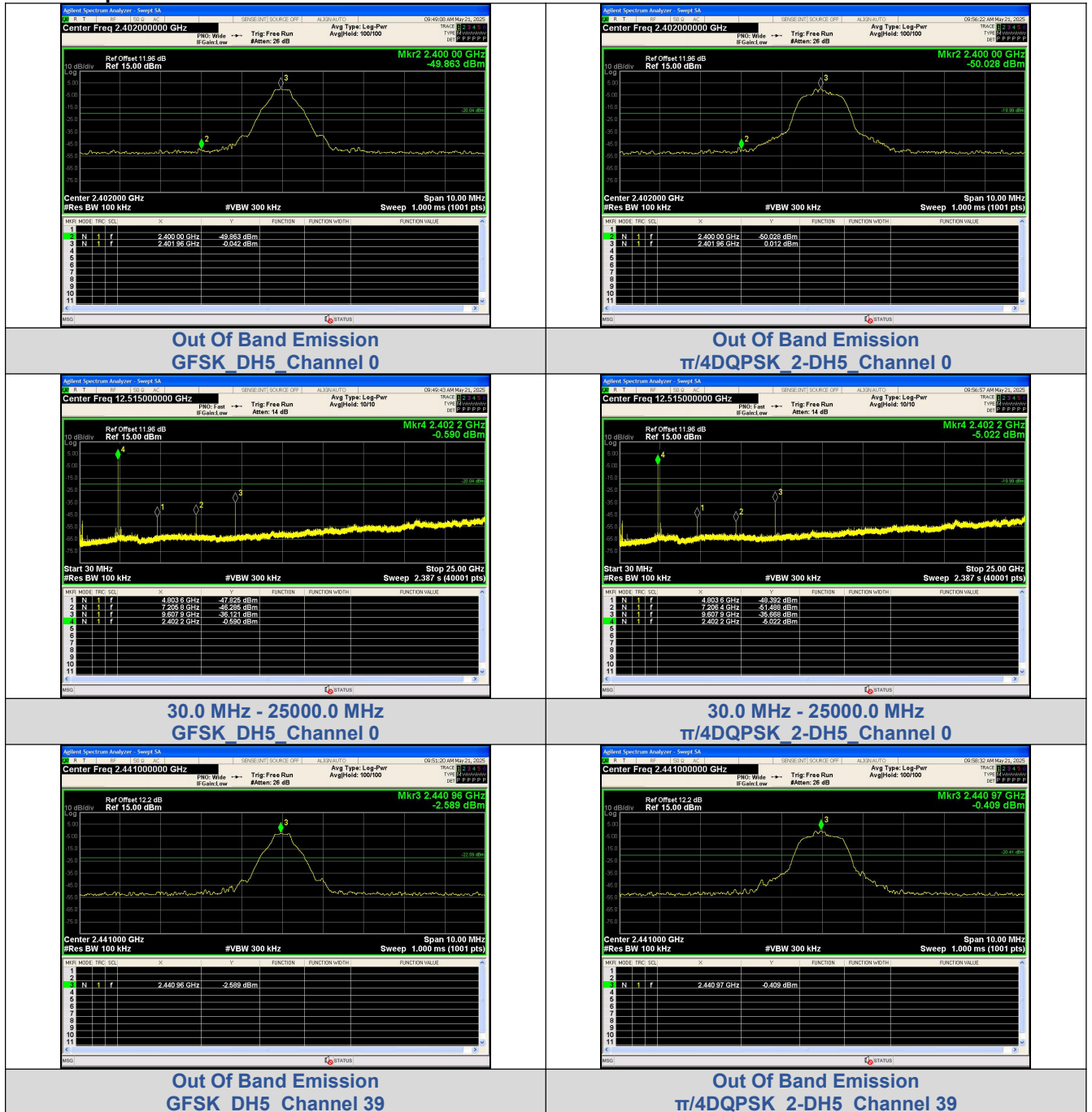
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-49.863	-20.04	-29.823	PASS
			4803.64	-47.825	-20.04	-27.785	PASS
			7205.75	-46.285	-20.04	-26.245	PASS
			9607.87	-36.121	-20.04	-16.081	PASS
		39	4881.67	-49.048	-22.59	-26.458	PASS
			7323.11	-47.946	-22.59	-25.356	PASS
			9763.93	-36.631	-22.59	-14.041	PASS
			2483.50	-52.930	-23.05	-29.880	PASS
		78	4959.70	-49.033	-23.05	-25.983	PASS
			7439.85	-47.155	-23.05	-24.105	PASS
			9919.99	-35.775	-23.05	-12.725	PASS
			2400.00	-50.028	-19.99	-30.038	PASS
$\pi/4$ DQPSK	2-DH5	0	4803.64	-48.392	-19.99	-28.402	PASS
			7206.38	-51.488	-19.99	-31.498	PASS
			9607.87	-35.668	-19.99	-15.678	PASS
			4881.67	-51.306	-20.41	-30.896	PASS
		39	7323.11	-47.223	-20.41	-26.813	PASS
			9763.93	-35.601	-20.41	-15.191	PASS
			2483.50	-51.646	-20.89	-30.756	PASS
			4959.70	-49.432	-20.89	-28.542	PASS
		78	7439.85	-47.597	-20.89	-26.707	PASS
			9919.99	-35.061	-20.89	-14.171	PASS
			2400.00	-48.138	-20.11	-28.028	PASS
			4804.26	-46.775	-20.11	-26.665	PASS
8DPSK	3-DH5	0	7205.75	-50.347	-20.11	-30.237	PASS
			9607.87	-36.635	-20.11	-16.525	PASS
			4881.67	-48.550	-20.25	-28.300	PASS
			7323.11	-50.971	-20.25	-30.721	PASS
		39	9763.93	-36.252	-20.25	-16.002	PASS
			2483.50	-51.856	-20.7	-31.156	PASS
			4959.70	-53.040	-20.7	-32.340	PASS
			7440.47	-49.671	-20.7	-28.971	PASS
		78	9919.99	-36.245	-20.7	-15.545	PASS

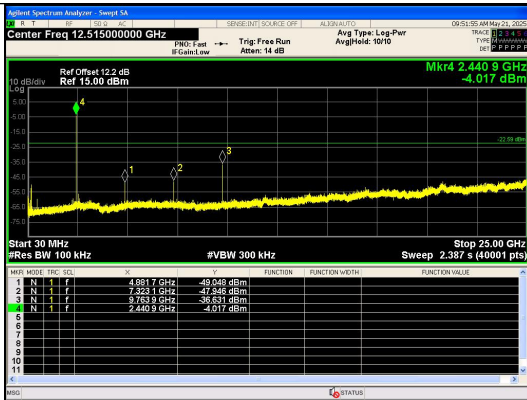
Hopping

Hopping							
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2396.50	-49.968	-20.28	-29.688	PASS
			2400.00	-51.263	-20.28	-30.983	PASS
			2483.50	-51.635	-20.99	-30.645	PASS
			2397.07	-49.963	-20.17	-29.793	PASS
			2400.00	-51.231	-20.17	-31.061	PASS
			2483.50	-51.501	-20.73	-30.771	PASS
			2398.83	-49.852	-20.55	-29.302	PASS
			2400.00	-51.051	-20.55	-30.501	PASS
2483.50	-50.022		-21.2	-28.822	PASS		
π/4DQPSK	2-DH5		2398.05	-48.769	-20.12	-28.649	PASS
			2400.00	-52.286	-20.12	-32.166	PASS
			2483.50	-49.782	-20.92	-28.862	PASS
			2397.21	-49.642	-20.07	-29.572	PASS
			2400.00	-51.519	-20.07	-31.449	PASS
			2483.50	-50.246	-21.64	-28.606	PASS
			2398.24	-49.866	-20.01	-29.856	PASS
			2400.00	-52.466	-20.01	-32.456	PASS
2483.50	-51.319		-21.67	-29.649	PASS		
8DPSK	3-DH5		2397.32	-49.496	-20.27	-29.226	PASS
			2400.00	-51.729	-20.27	-31.459	PASS
		2483.50	-51.913	-20.88	-31.033	PASS	

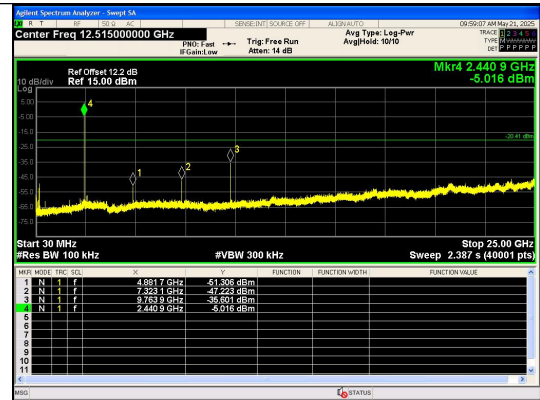
			2397.10	-49.514	-20.2	-29.314	PASS
			2400.00	-51.017	-20.2	-30.817	PASS
			2483.50	-51.106	-21.61	-29.496	PASS
			2396.14	-49.468	-20.23	-29.238	PASS
			2400.00	-51.169	-20.23	-30.939	PASS
			2483.50	-50.504	-20.58	-29.924	PASS

Test Graphs

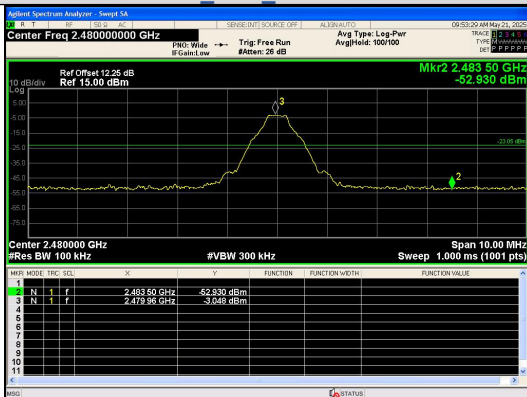




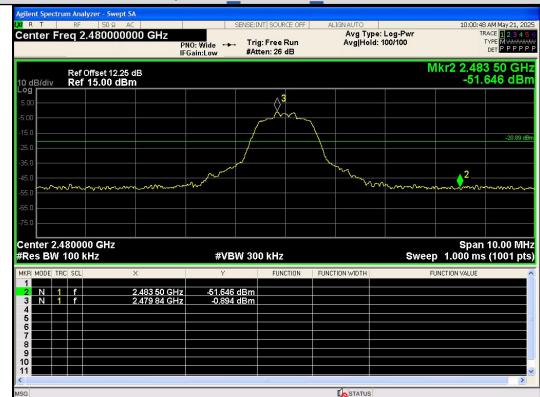
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 39



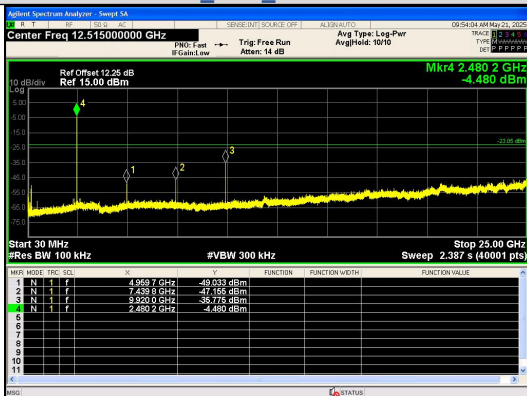
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 39



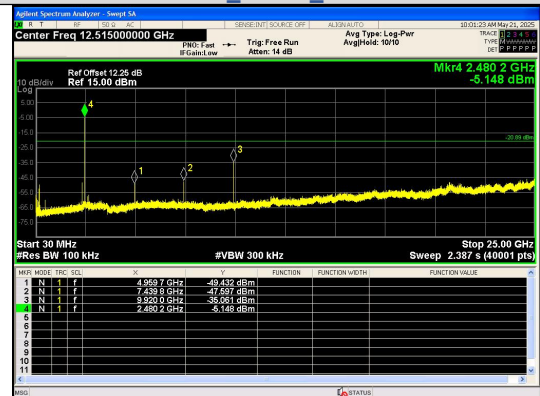
Out Of Band Emission
GFSK_DH5_Channel 78



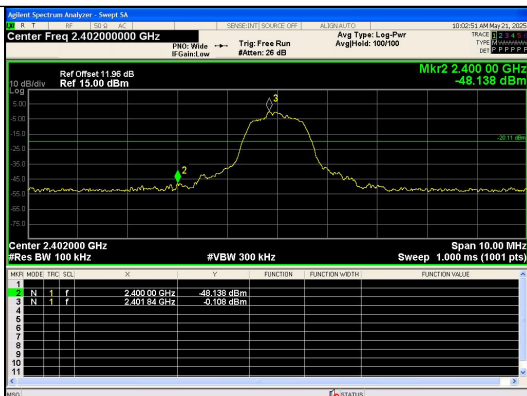
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78



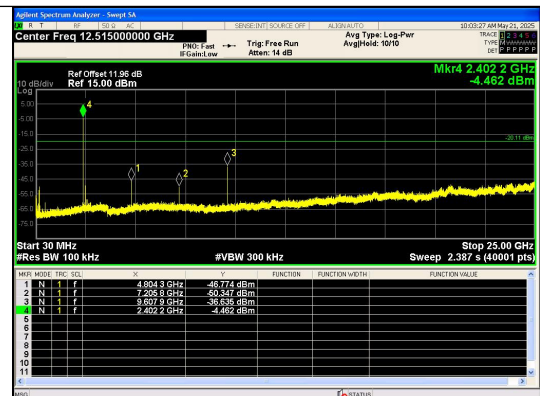
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 78



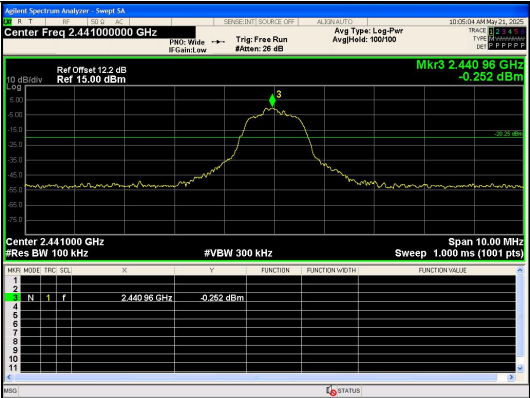
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 78



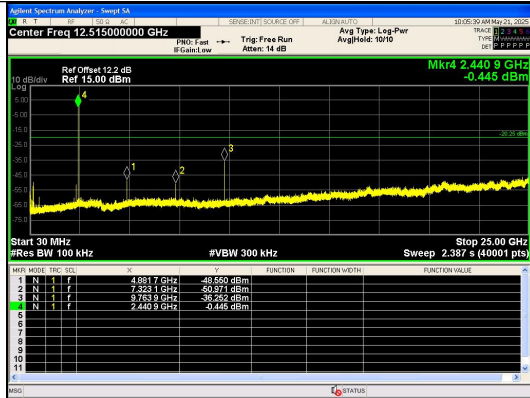
Out Of Band Emission
8DPSK_3-DH5_Channel 0



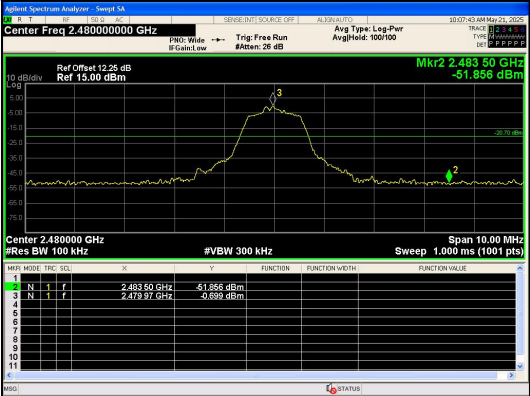
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 0



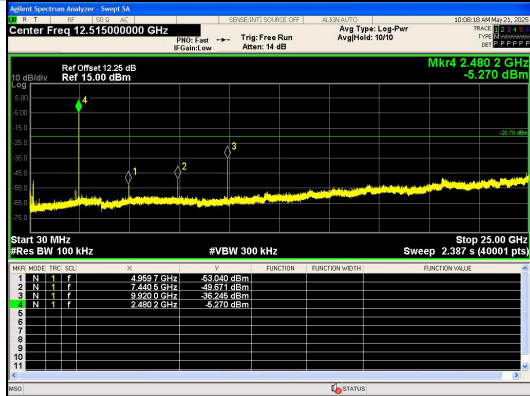
Out of Band Emission
8DPSK_3-DH5_Channel 39



30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39



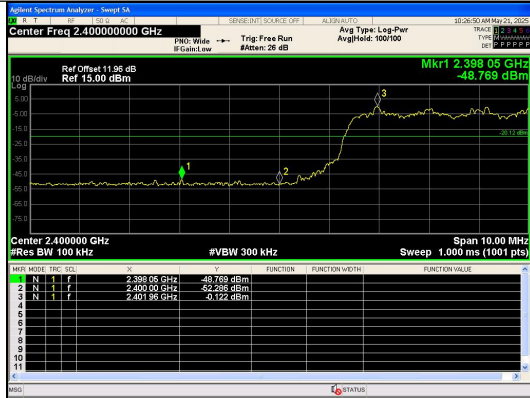
Out of Band Emission
8DPSK_3-DH5_Channel 78



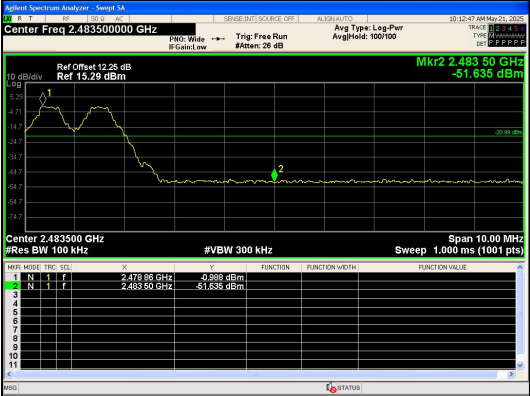
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 78



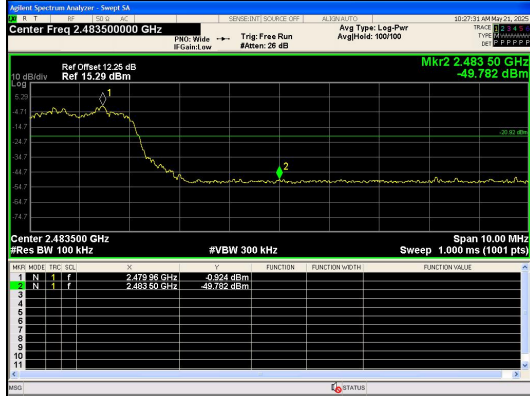
Out of Band Emission(Left)
GFSK_DH5_Channel Hopping



Out of Band Emission(Left)
pi/4DQPSK_2-DH5_Channel Hopping



Out of Band Emission(Right)
GFSK_DH5_Channel Hopping



Out of Band Emission(Right)
pi/4DQPSK_2-DH5_Channel Hopping