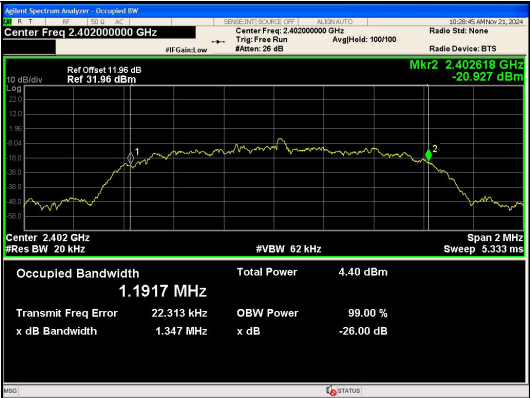
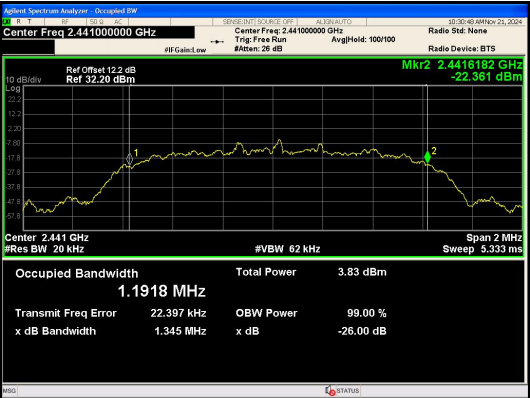
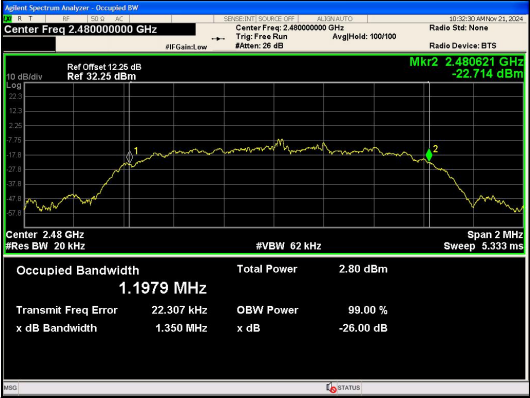




8DPSK 3-DH5 Channel 0



8DPSK 3-DH5 Channel 39



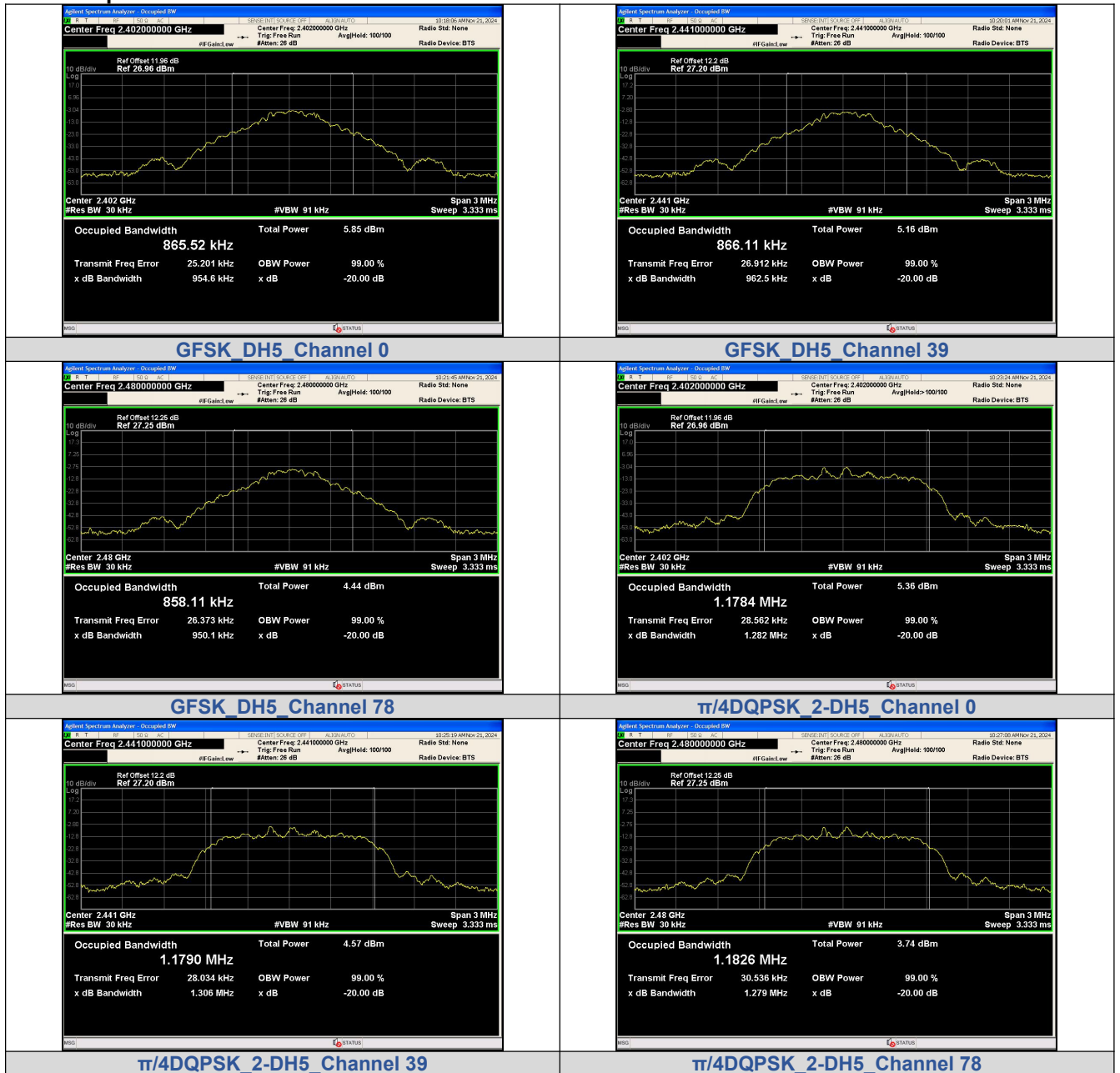
8DPSK 3-DH5 Channel 78

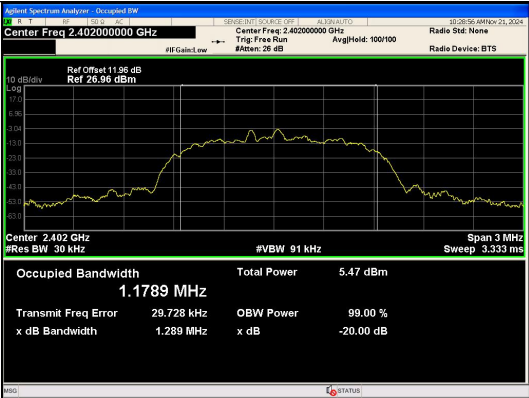
APPENDIX VI. 20dB Bandwidth

Test Result

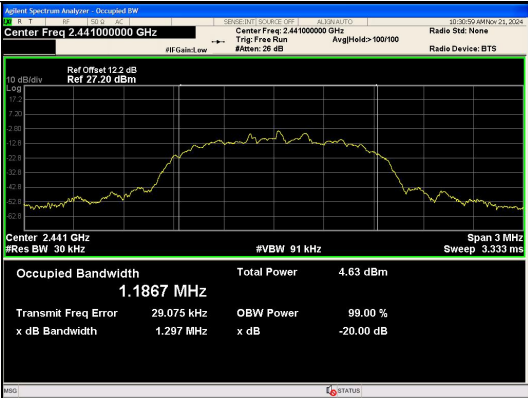
Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.9546
	39	2441 MHz	0.9625
	78	2480 MHz	0.9501
$\pi/4$ DQPSK	0	2402 MHz	1.282
	39	2441 MHz	1.306
	78	2480 MHz	1.279
8DPSK	0	2402 MHz	1.289
	39	2441 MHz	1.297
	78	2480 MHz	1.295

Test Graphs

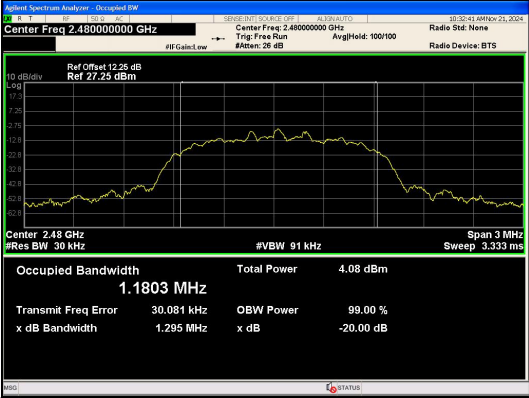




8DPSK 3-DH5 Channel 0



8DPSK 3-DH5 Channel 39



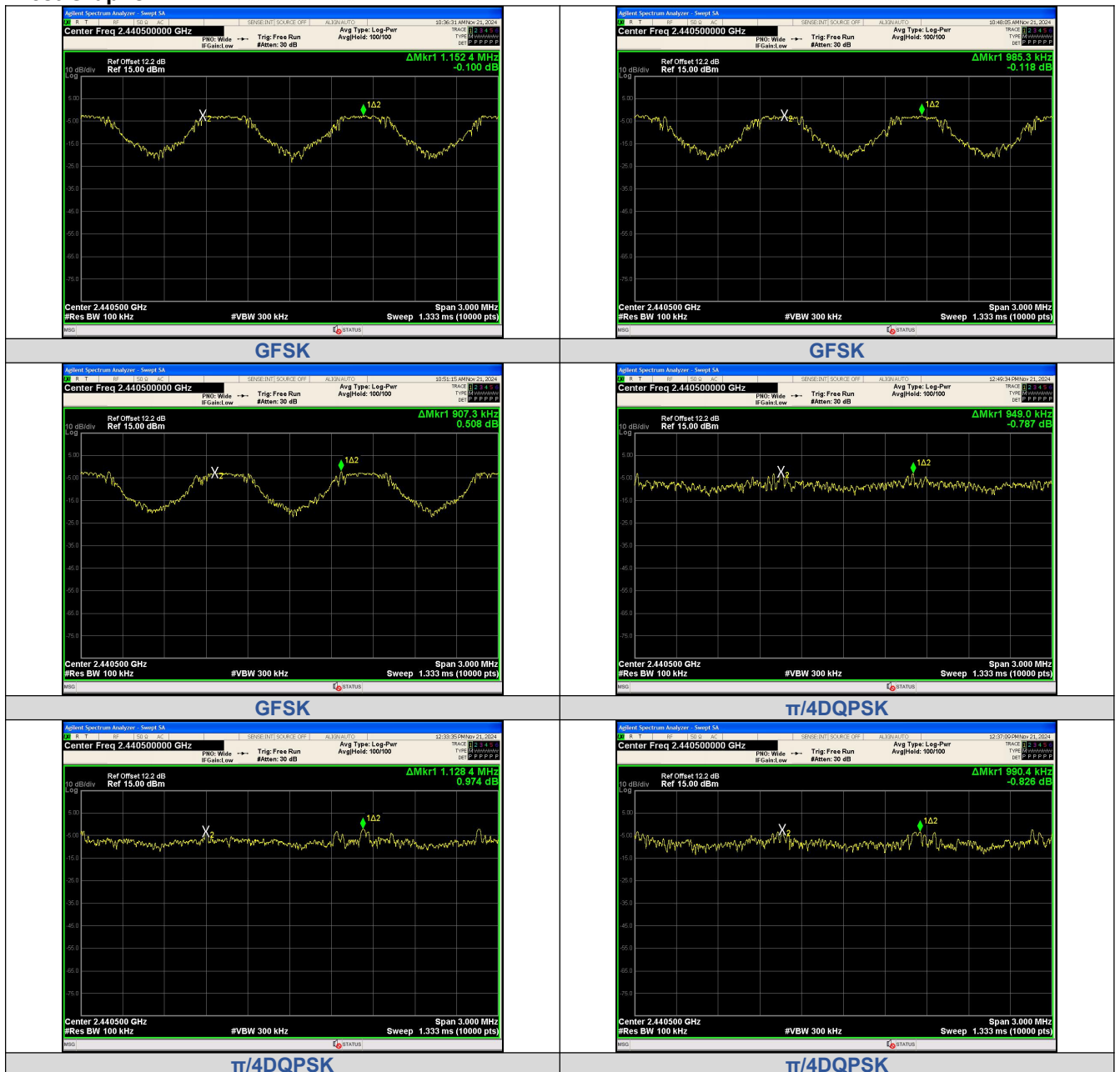
8DPSK 3-DH5 Channel 78

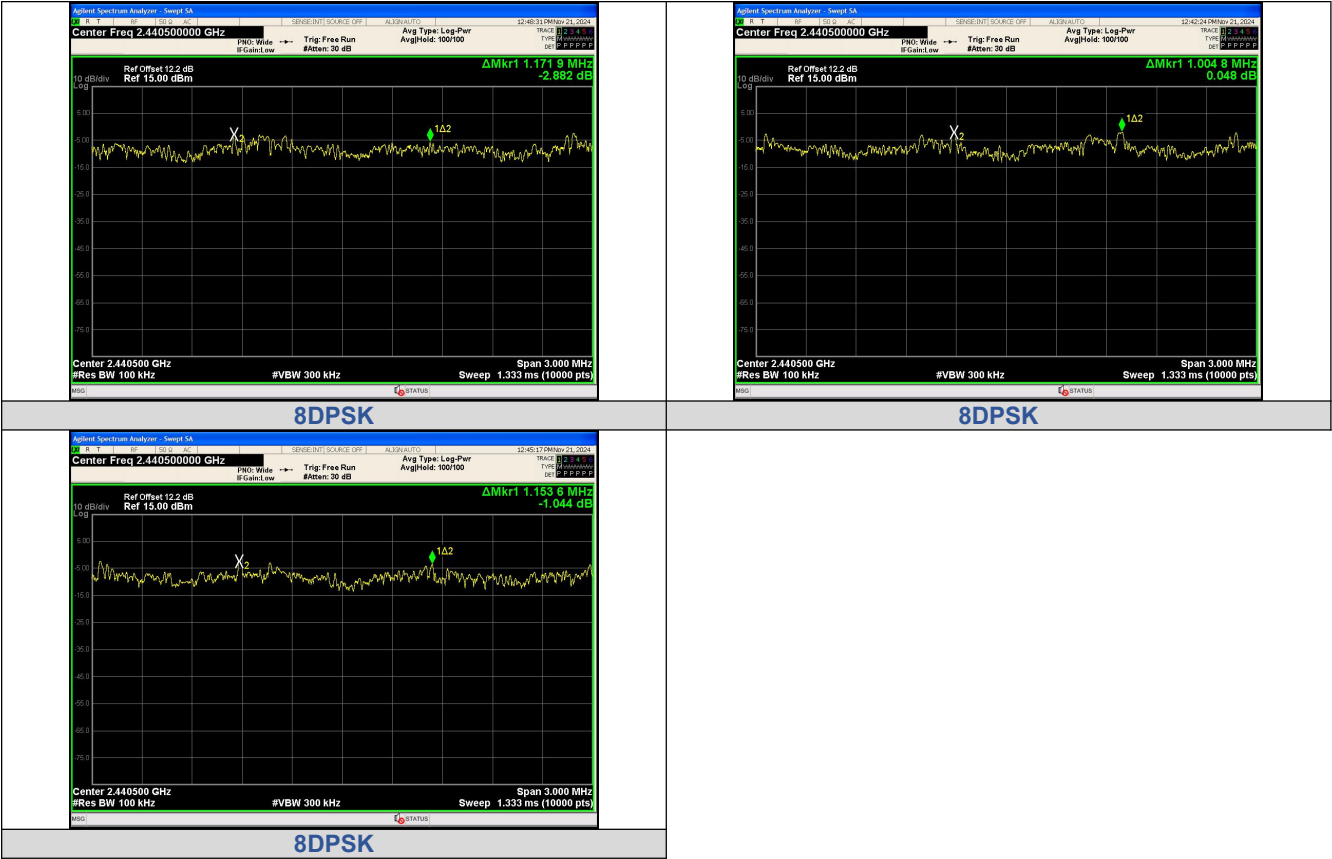
APPENDIX VII. Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2439.8761	2441.0285	1.1524	0.636	PASS
GFSK	DH5	2440.0771	2441.0624	0.9853	0.642	PASS
GFSK	DH5	2439.9628	2440.8701	0.9073	0.633	PASS
$\pi/4$ DQPSK	2-DH5	2440.0507	2440.9997	0.9490	0.855	PASS
$\pi/4$ DQPSK	2-DH5	2439.898	2441.0264	1.1284	0.871	PASS
$\pi/4$ DQPSK	2-DH5	2440.0591	2441.0495	0.9904	0.853	PASS
8DPSK	3-DH5	2439.8527	2441.0246	1.1719	0.859	PASS
8DPSK	3-DH5	2440.1854	2441.1902	1.0048	0.865	PASS
8DPSK	3-DH5	2439.8833	2441.0369	1.1536	0.863	PASS

Test Graphs





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

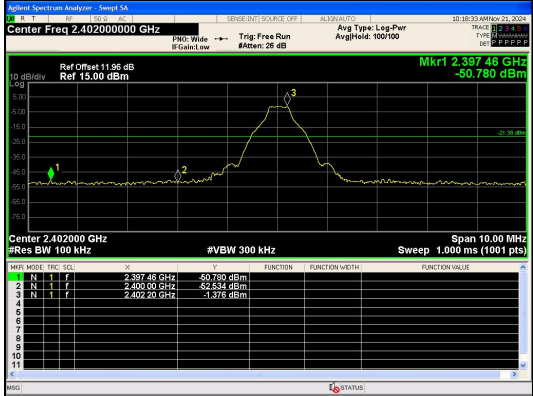
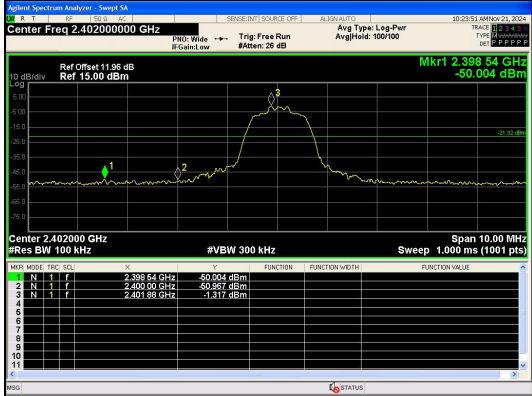
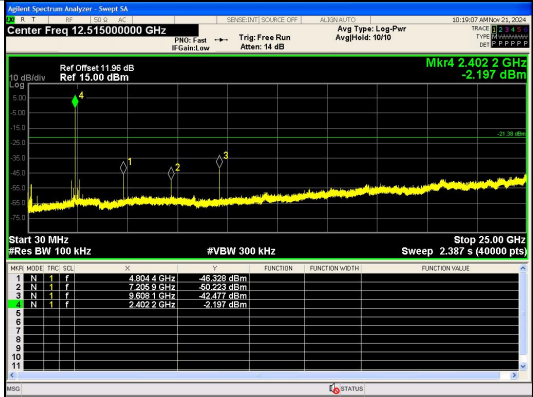
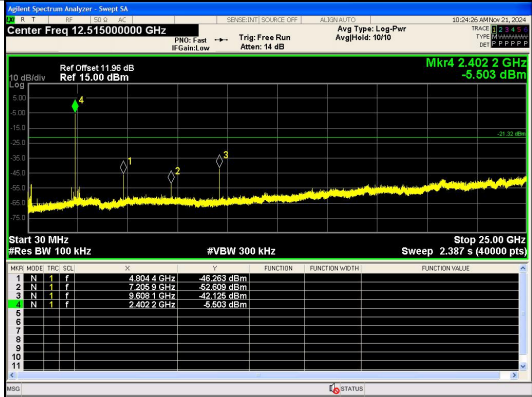
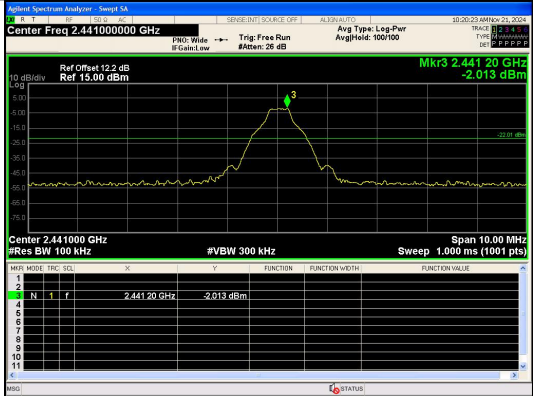
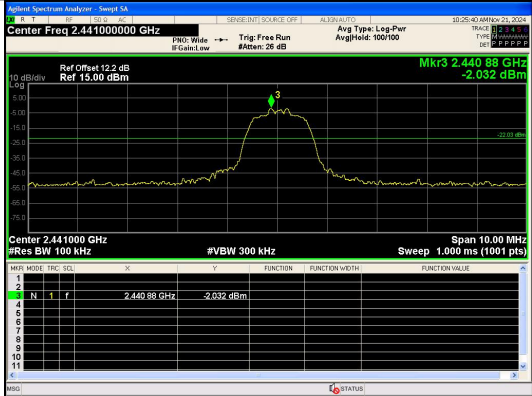
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2397.46	-50.780	-21.38	-29.400	PASS
			2400.00	-52.534	-21.38	-31.154	PASS
			4804.40	-46.328	-21.38	-24.948	PASS
			7205.90	-50.223	-21.38	-28.843	PASS
			9608.10	-42.477	-21.38	-21.097	PASS
		39	2615.71	-38.599	-22.01	-16.589	PASS
			4881.79	-45.354	-22.01	-23.344	PASS
			7323.30	-52.247	-22.01	-30.237	PASS
			9764.17	-42.118	-22.01	-20.108	PASS
		78	2483.50	-51.339	-22.83	-28.509	PASS
			4959.83	-46.063	-22.83	-23.233	PASS
			7440.03	-52.517	-22.83	-29.687	PASS
			9920.24	-42.337	-22.83	-19.507	PASS
$\pi/4$ DQPSK	2-DH5	0	2398.54	-50.004	-21.32	-28.684	PASS
			2400.00	-50.967	-21.32	-29.647	PASS
			4804.40	-46.263	-21.32	-24.943	PASS
			7205.90	-52.609	-21.32	-31.289	PASS
			9608.10	-42.125	-21.32	-20.805	PASS
		39	4881.79	-45.074	-22.03	-23.044	PASS
			7323.30	-55.075	-22.03	-33.045	PASS
			9764.17	-41.991	-22.03	-19.961	PASS
		78	2483.50	-51.744	-22.75	-28.994	PASS
			4959.83	-45.474	-22.75	-22.724	PASS
			7440.03	-55.632	-22.75	-32.882	PASS
			9920.24	-42.400	-22.75	-19.650	PASS
8DPSK	3-DH5	0	2400.00	-50.409	-21.3	-29.109	PASS
			4803.76	-45.735	-21.3	-24.435	PASS
			7206.56	-55.580	-21.3	-34.280	PASS
			9608.11	-42.510	-21.3	-21.210	PASS
		39	4881.79	-46.301	-22.01	-24.291	PASS
			7322.67	-55.767	-22.01	-33.757	PASS
			9764.17	-41.875	-22.01	-19.865	PASS
		78	2483.50	-52.123	-22.75	-29.373	PASS
			4959.83	-47.218	-22.75	-24.468	PASS
			7440.03	-56.717	-22.75	-33.967	PASS
			9920.24	-42.444	-22.75	-19.694	PASS

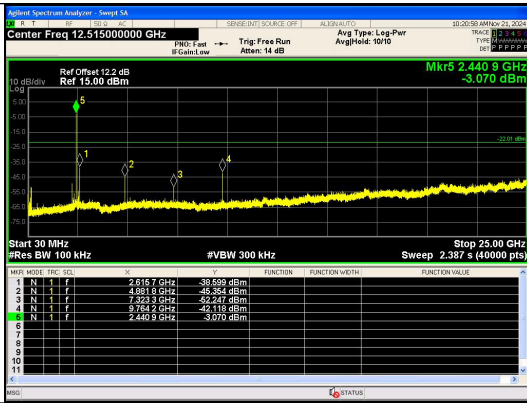
Hopping

Hopping							
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2396.25	-49.345	-21.37	-27.975	PASS
			2400.00	-50.409	-21.37	-29.039	PASS
			2483.50	-49.985	-22.91	-27.075	PASS
			2397.50	-50.091	-21.41	-28.681	PASS
			2400.00	-51.966	-21.41	-30.556	PASS
			2483.50	-51.849	-22.77	-29.079	PASS
			2395.00	-48.925	-21.5	-27.425	PASS
			2400.00	-50.912	-21.5	-29.412	PASS
2483.50	-51.080		-22.74	-28.340	PASS		
π/4DQPSK	2-DH5		2396.43	-49.803	-21.37	-28.433	PASS
			2400.00	-51.869	-21.37	-30.499	PASS
			2483.50	-49.644	-22.66	-26.984	PASS
			2396.41	-49.105	-21.53	-27.575	PASS
			2400.00	-51.691	-21.53	-30.161	PASS
			2483.50	-51.376	-22.85	-28.526	PASS
			2396.03	-49.877	-21.68	-28.197	PASS
		2400.00	-52.374	-21.68	-30.694	PASS	
2483.50	-51.586	-22.81	-28.776	PASS			

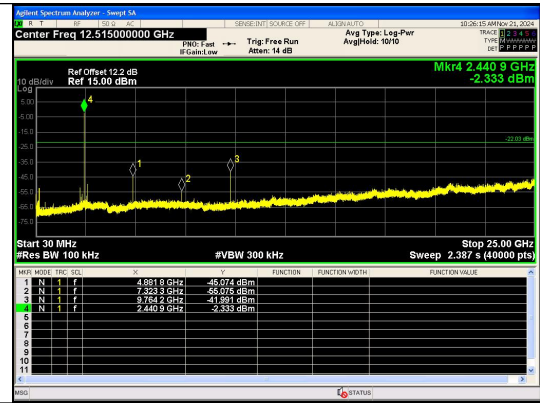
8DPSK	3-DH5		2397.26	-49.906	-21.88	-28.026	PASS
			2400.00	-51.694	-21.88	-29.814	PASS
			2483.50	-50.867	-22.9	-27.967	PASS
			2398.27	-50.014	-21.83	-28.184	PASS
			2400.00	-52.017	-21.83	-30.187	PASS
			2483.50	-50.274	-23.29	-26.984	PASS
			2395.60	-49.613	-21.42	-28.193	PASS
			2400.00	-49.734	-21.42	-28.314	PASS
			2483.50	-50.755	-22.74	-28.015	PASS

Test Graphs

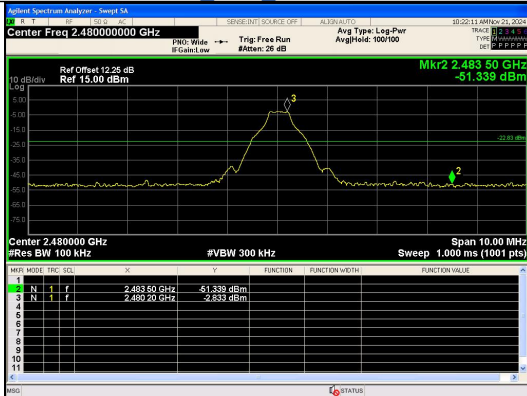
	
Out Of Band Emission GFSK_DH5_Channel 0	Out Of Band Emission $\pi/4$ DQPSK_2-DH5_Channel 0
	
30.0 MHz - 25000.0 MHz GFSK_DH5_Channel 0	30.0 MHz - 25000.0 MHz $\pi/4$ DQPSK_2-DH5_Channel 0
	
Out Of Band Emission GFSK_DH5_Channel 39	Out Of Band Emission $\pi/4$ DQPSK_2-DH5_Channel 39



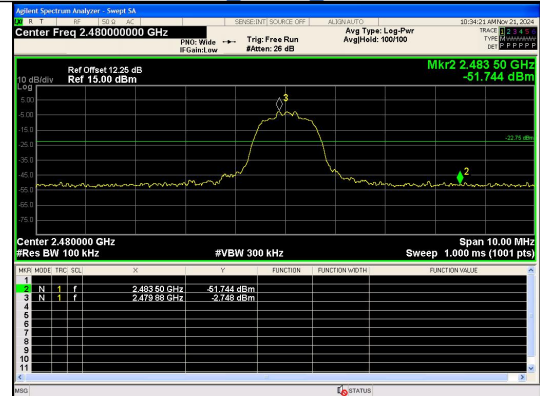
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 39



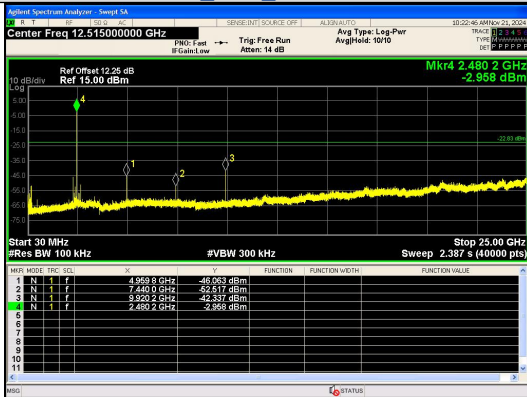
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 39



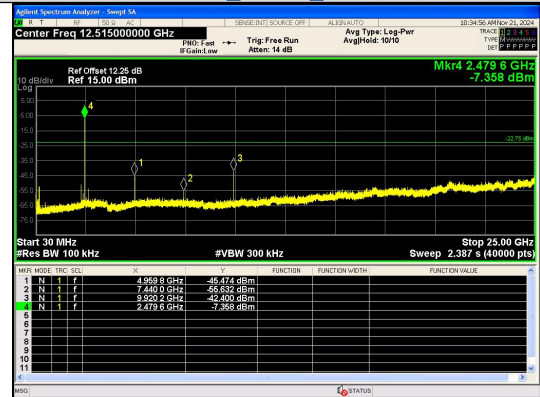
Out Of Band Emission
GFSK_DH5_Channel 78



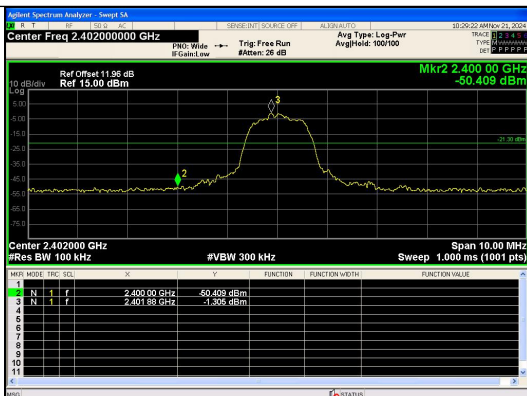
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78



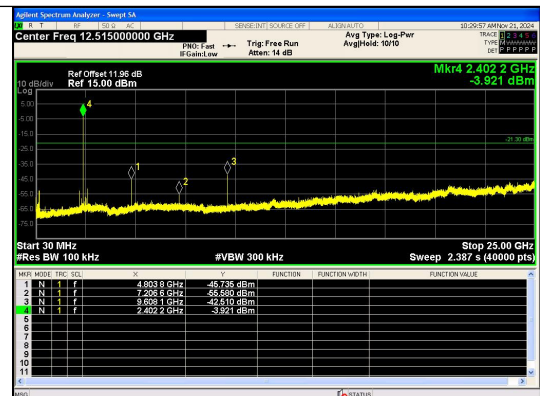
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 78



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