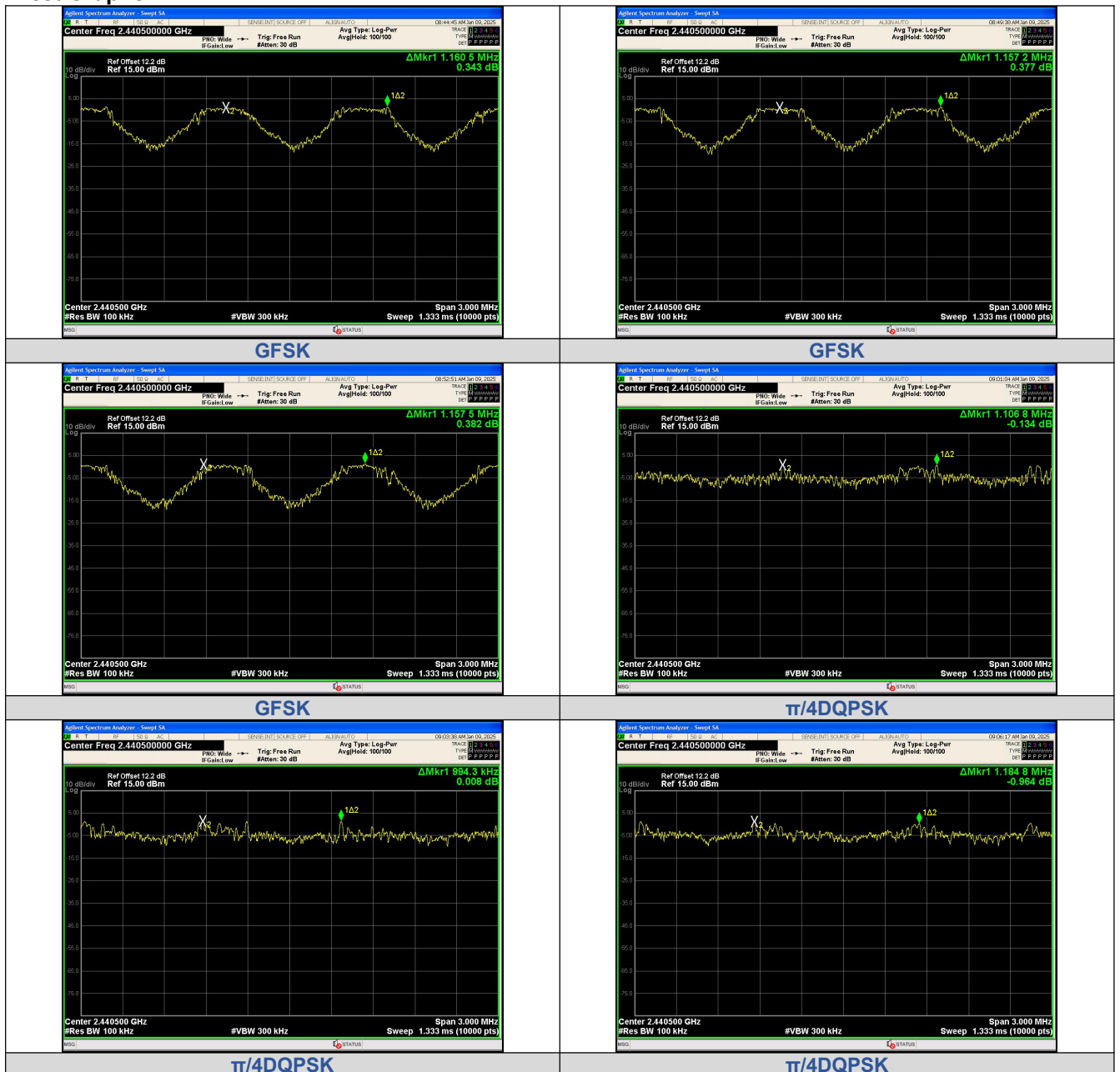


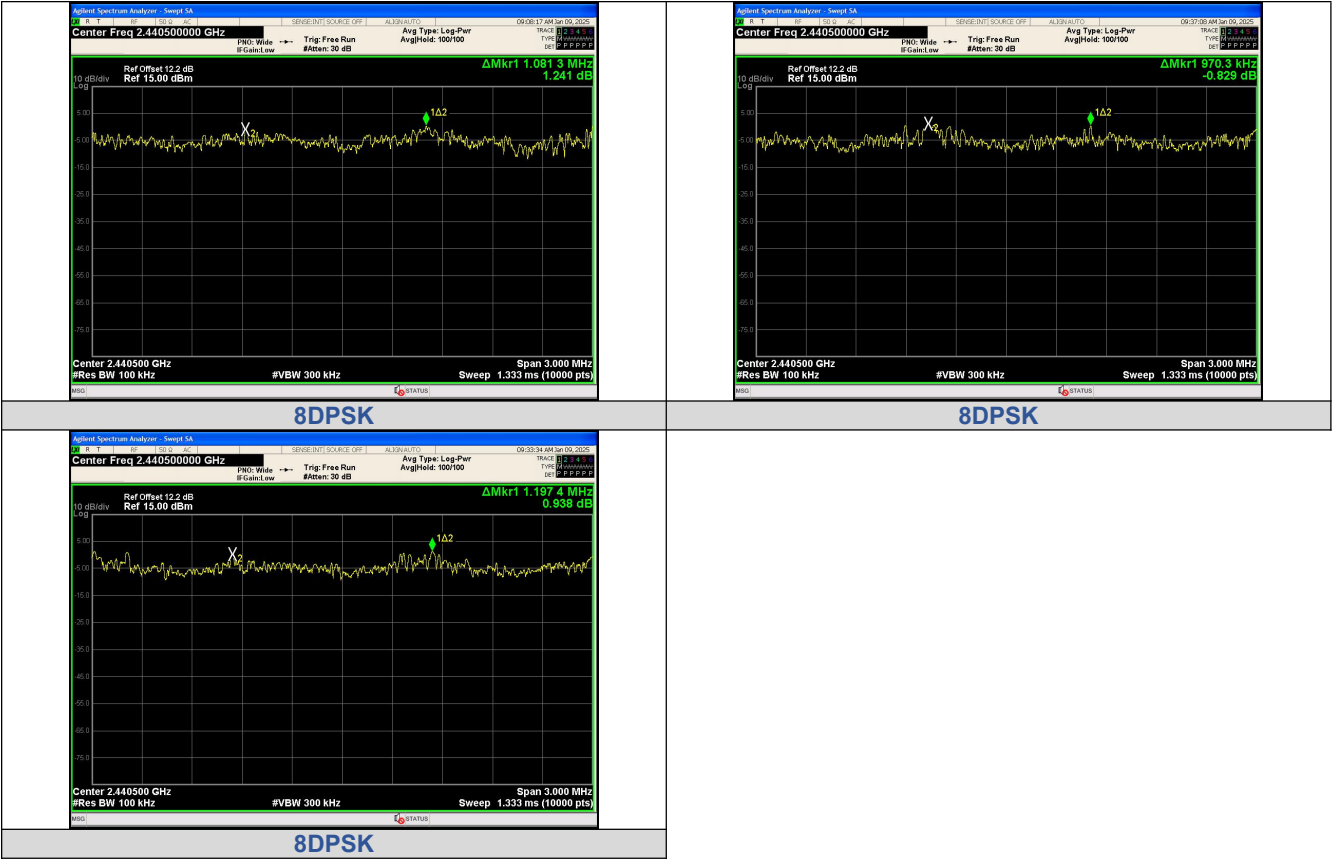
APPENDIX IV. Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2440.0417	2441.2022	1.1605	0.642	PASS
GFSK	DH5	2440.0408	2441.198	1.1572	0.636	PASS
GFSK	DH5	2439.8833	2441.0408	1.1575	0.638	PASS
$\pi/4$ DQPSK	2-DH5	2440.0627	2441.1695	1.1068	0.874	PASS
$\pi/4$ DQPSK	2-DH5	2439.8746	2440.8689	0.9943	0.856	PASS
$\pi/4$ DQPSK	2-DH5	2439.8596	2441.0444	1.1848	0.855	PASS
8DPSK	3-DH5	2439.9202	2441.0015	1.0813	0.868	PASS
8DPSK	3-DH5	2440.0339	2441.0042	0.9703	0.865	PASS
8DPSK	3-DH5	2439.8407	2441.0381	1.1974	0.865	PASS

Test Graphs





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

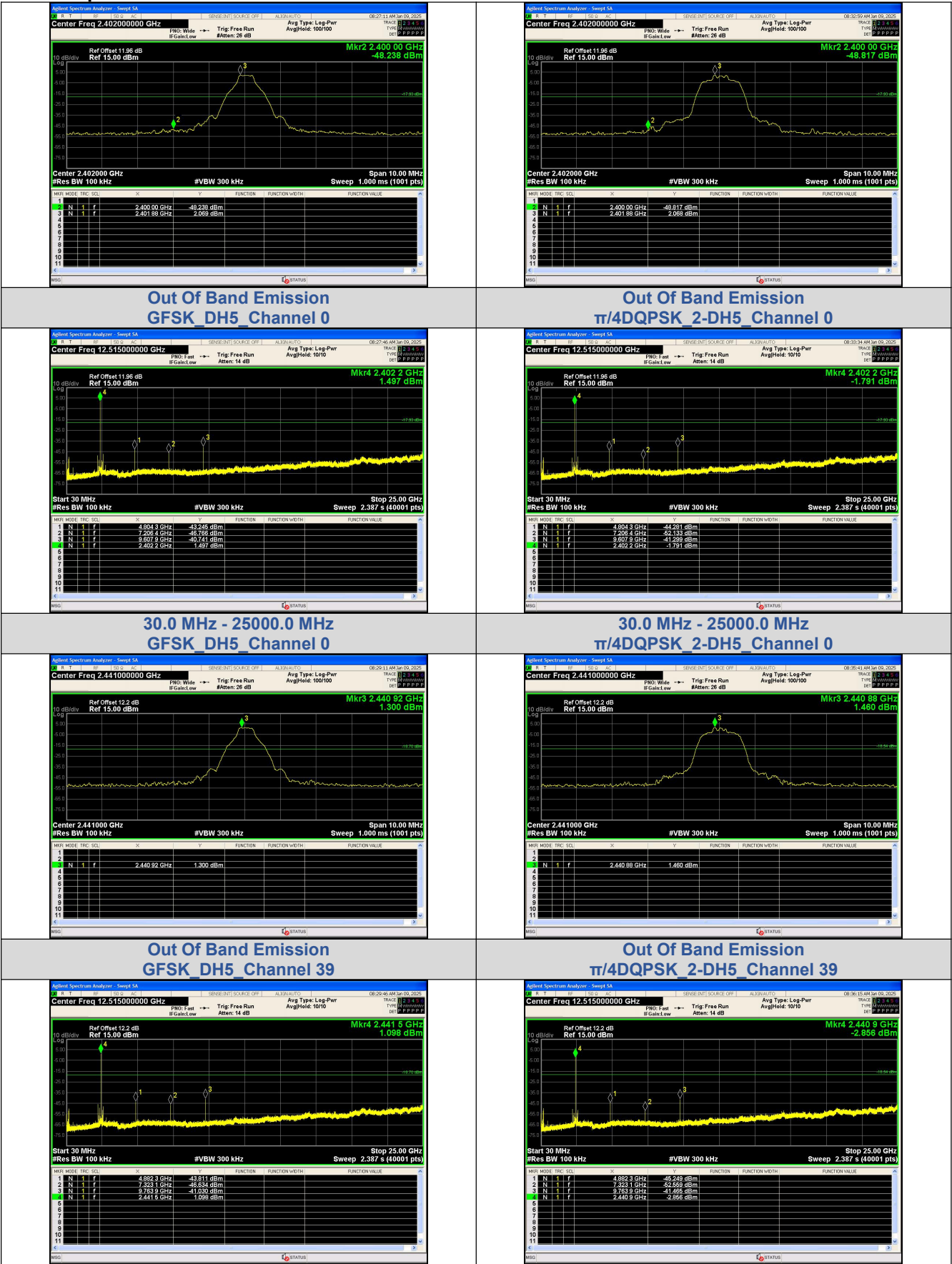
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-48.238	-17.93	-30.308	PASS
			4804.26	-43.245	-17.93	-25.315	PASS
			7206.38	-46.766	-17.93	-28.836	PASS
			9607.87	-40.741	-17.93	-22.811	PASS
		39	4882.30	-43.811	-18.7	-25.111	PASS
			7323.11	-46.634	-18.7	-27.934	PASS
			9763.93	-41.030	-18.7	-22.330	PASS
			2483.50	-52.340	-19.3	-33.040	PASS
		78	4960.33	-46.008	-19.3	-26.708	PASS
			7439.85	-49.588	-19.3	-30.288	PASS
			9919.99	-41.554	-19.3	-22.254	PASS
			2400.00	-48.817	-17.93	-30.887	PASS
$\pi/4$ DQPSK	2-DH5	0	4804.26	-44.281	-17.93	-26.351	PASS
			7206.38	-52.133	-17.93	-34.203	PASS
			9607.87	-41.299	-17.93	-23.369	PASS
			4882.30	-45.249	-18.54	-26.709	PASS
		39	7323.11	-52.559	-18.54	-34.019	PASS
			9763.93	-41.465	-18.54	-22.925	PASS
			2483.50	-51.552	-19.25	-32.302	PASS
			4960.33	-46.555	-19.25	-27.305	PASS
		78	7439.85	-54.456	-19.25	-35.206	PASS
			9919.99	-41.489	-19.25	-22.239	PASS
			2400.00	-48.660	-17.96	-30.700	PASS
			4804.26	-44.766	-17.96	-26.806	PASS
8DPSK	3-DH5	0	7206.38	-48.242	-17.96	-30.282	PASS
			9607.87	-41.333	-17.96	-23.373	PASS
			4882.30	-44.772	-19.15	-25.622	PASS
			7323.11	-51.715	-19.15	-32.565	PASS
		39	9763.93	-41.604	-19.15	-22.454	PASS
			2483.50	-51.300	-19.26	-32.040	PASS
			4960.33	-46.908	-19.26	-27.648	PASS
			7440.47	-53.563	-19.26	-34.303	PASS
		78	9919.99	-42.051	-19.26	-22.791	PASS

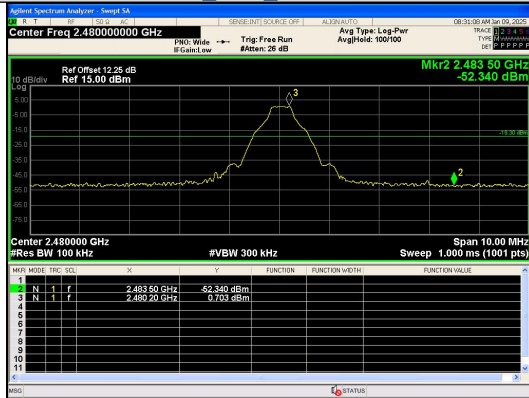
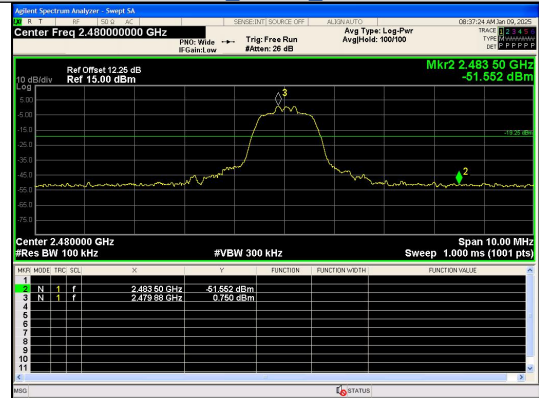
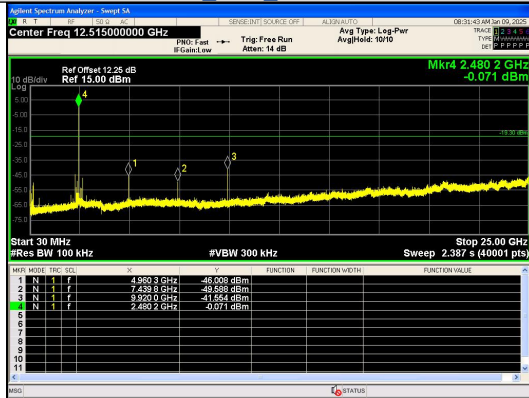
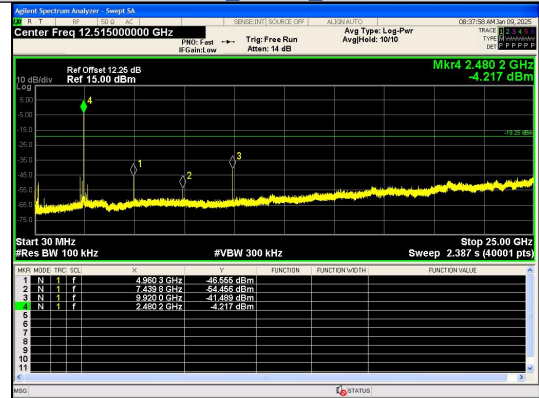
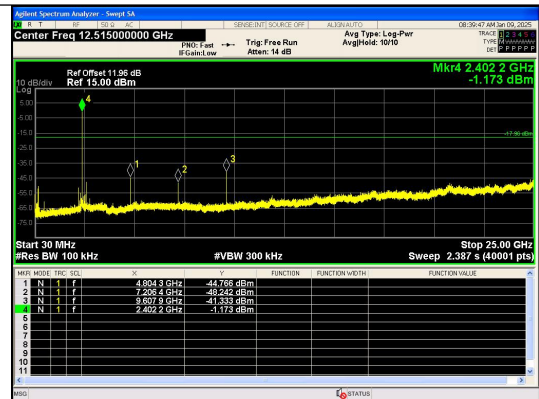
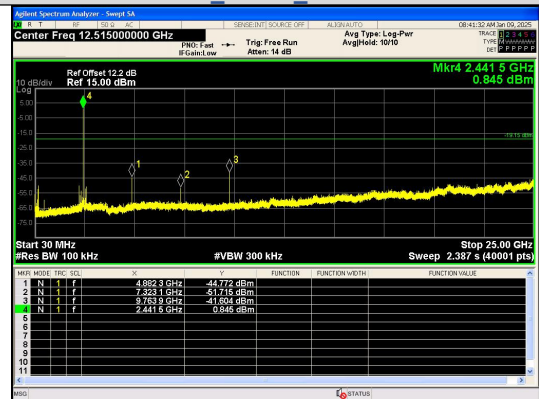
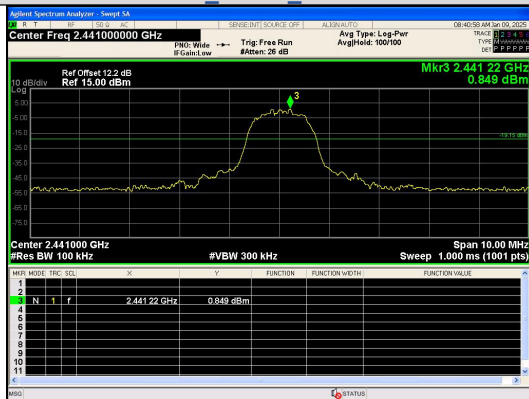
Hopping

Hopping							
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2395.48	-49.856	-18.2	-31.656	PASS
			2400.00	-51.001	-18.2	-32.801	PASS
			2483.50	-49.089	-19.33	-29.759	PASS
			2397.24	-49.713	-18.14	-31.573	PASS
			2400.00	-52.027	-18.14	-33.887	PASS
			2483.50	-51.370	-19.6	-31.770	PASS
			2397.11	-49.088	-18.14	-30.948	PASS
			2400.00	-50.333	-18.14	-32.193	PASS
$\pi/4$ DQPSK	2-DH5		2483.50	-51.652	-19.53	-32.122	PASS
			2395.61	-50.065	-18.43	-31.635	PASS
			2400.00	-51.823	-18.43	-33.393	PASS
			2483.50	-51.014	-19.73	-31.284	PASS
			2396.77	-49.927	-18.36	-31.567	PASS
			2400.00	-51.632	-18.36	-33.272	PASS
			2483.50	-50.767	-20.35	-30.417	PASS
			2397.93	-49.806	-18.55	-31.256	PASS
8DPSK	3-DH5		2400.00	-51.859	-18.55	-33.309	PASS
			2483.50	-50.597	-19.37	-31.227	PASS
			2400.00	-49.972	-18.07	-31.902	PASS
			2483.50	-49.146	-19.3	-29.846	PASS
			2398.01	-49.515	-18.06	-31.455	PASS

			2400.00	-50.214	-18.06	-32.154	PASS
			2483.50	-50.200	-19.37	-30.830	PASS
			2397.80	-50.056	-18.07	-31.986	PASS
			2400.00	-51.460	-18.07	-33.390	PASS
			2483.50	-51.372	-20.25	-31.122	PASS

Test Graphs



**30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 39****30.0 MHz - 25000.0 MHz
 π /4DQPSK_2-DH5_Channel 39****Out Of Band Emission
GFSK_DH5_Channel 78****Out Of Band Emission
 π /4DQPSK_2-DH5_Channel 78****30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 78****30.0 MHz - 25000.0 MHz
 π /4DQPSK_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**

