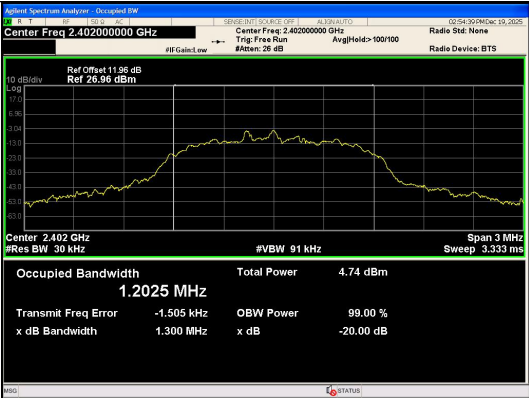
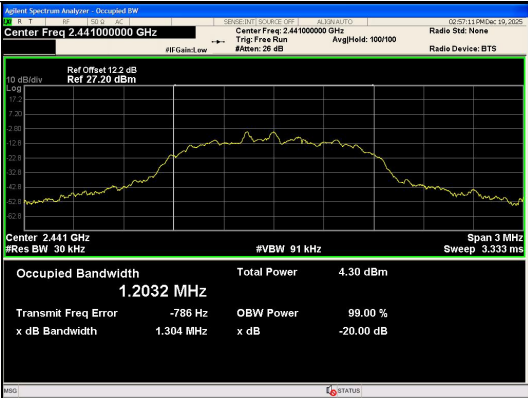
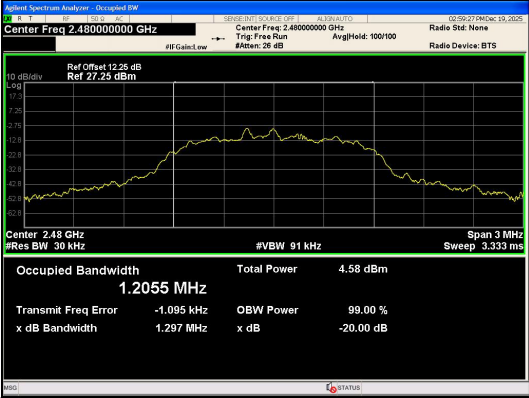




8DPSK 3-DH5 Channel 0



8DPSK 3-DH5 Channel 39



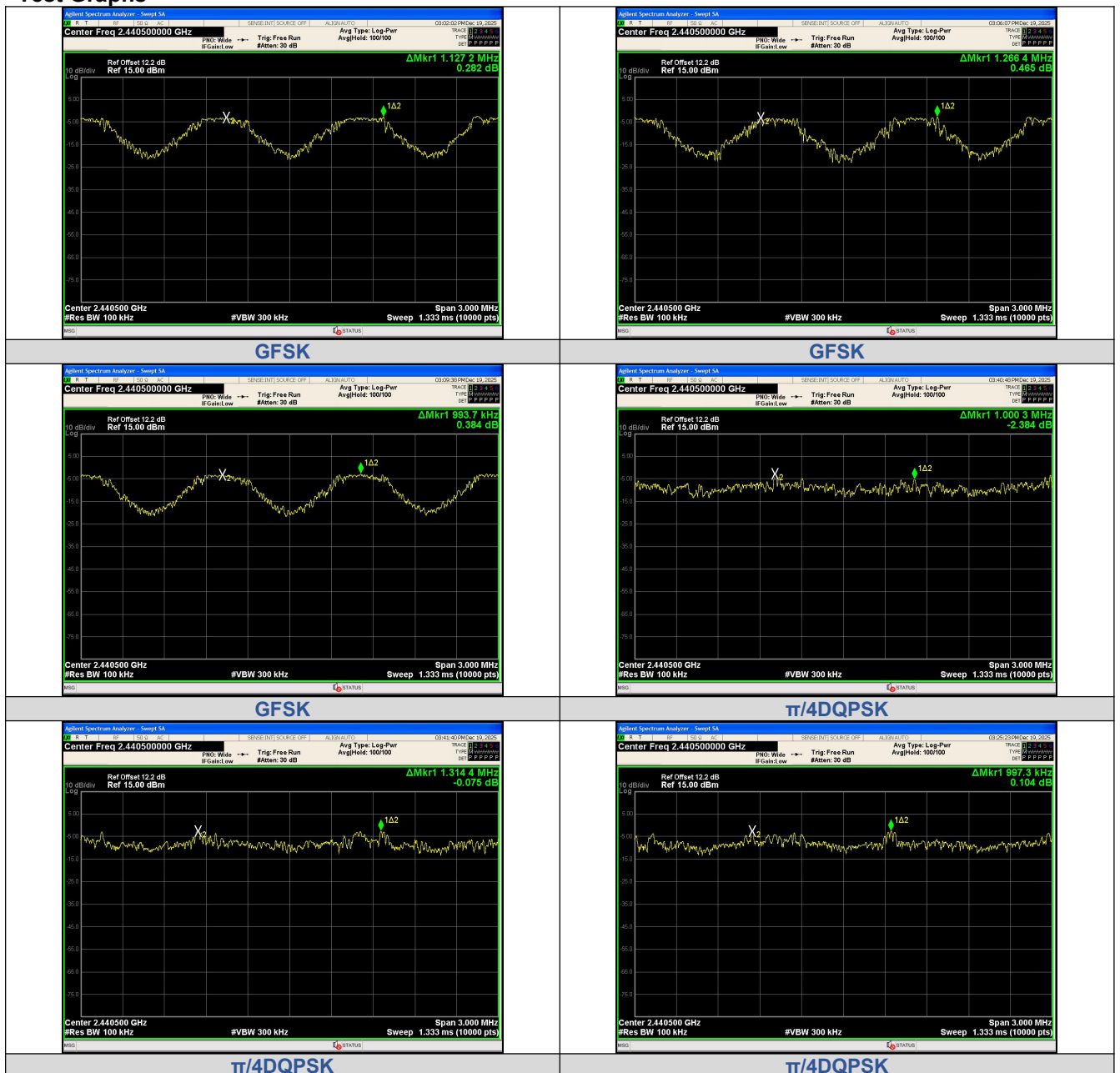
8DPSK 3-DH5 Channel 78

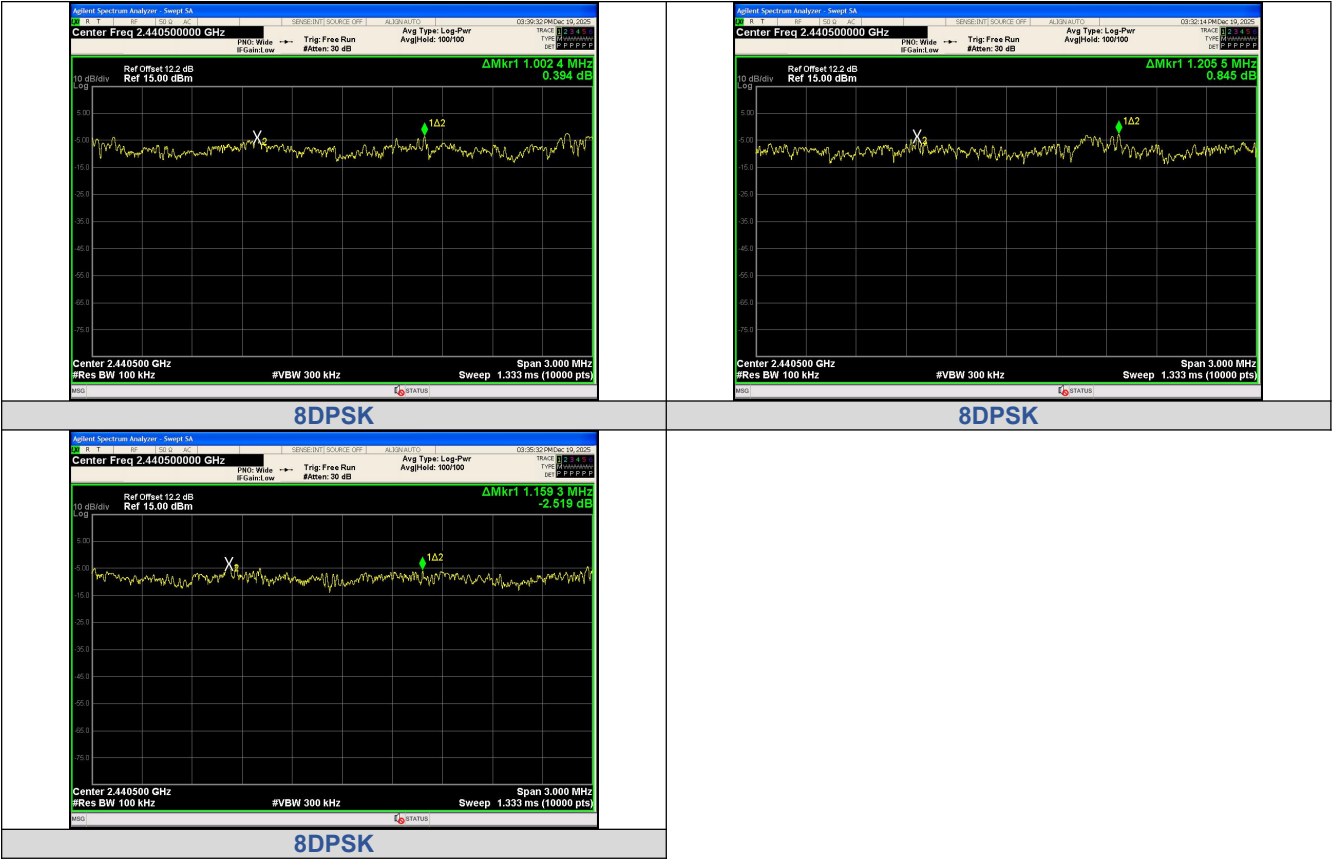
7.4 Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2440.045	2441.1722	1.1272	0.7	PASS
GFSK	DH5	2439.9079	2441.1743	1.2664	0.7	PASS
GFSK	DH5	2440.0165	2441.0102	0.9937	0.7	PASS
$\pi/4$ DQPSK	2-DH5	2440.0096	2441.0099	1.0003	0.883	PASS
$\pi/4$ DQPSK	2-DH5	2439.841	2441.1554	1.3144	0.883	PASS
$\pi/4$ DQPSK	2-DH5	2439.8452	2440.8425	0.9973	0.883	PASS
8DPSK	3-DH5	2439.9889	2440.9913	1.0024	0.869	PASS
8DPSK	3-DH5	2439.9667	2441.1722	1.2055	0.869	PASS
8DPSK	3-DH5	2439.8215	2440.9808	1.1593	0.869	PASS

Test Graphs





7.5 Conducted Spurious & Band Edge 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	-50.067	-22.03	-28.037	PASS
			4804.26	-55.692	-22.03	-33.662	PASS
			7205.75	-51.189	-22.03	-29.159	PASS
			9607.87	-45.735	-22.03	-23.705	PASS
		39	4882.30	-54.498	-22.55	-31.948	PASS
			7323.11	-52.521	-22.55	-29.971	PASS
			9763.93	-45.835	-22.55	-23.285	PASS
			24918.2	-45.405	-22.55	-22.855	PASS
		78	2483.50	-51.817	-22.2	-29.617	PASS
			4959.70	-51.124	-22.2	-28.924	PASS
			7439.85	-51.131	-22.2	-28.931	PASS
			9919.99	-45.669	-22.2	-23.469	PASS
$\pi/4$ DQPSK	2-DH5	0	2398.38	-51.042	-22.02	-29.022	PASS
			2400.00	-51.246	-22.02	-29.226	PASS
			4804.30	-60.196	-22.02	-38.176	PASS
			7206.40	-55.338	-22.02	-33.318	PASS
			9607.90	-46.136	-22.02	-24.116	PASS
			24906.4	-45.764	-22.02	-23.744	PASS
		39	4882.30	-52.769	-22.45	-30.319	PASS
			7323.11	-54.758	-22.45	-32.308	PASS
			9763.93	-45.023	-22.45	-22.573	PASS
		78	2483.50	-51.066	-22.23	-28.836	PASS
			4960.33	-54.278	-22.23	-32.048	PASS
			7439.85	-54.761	-22.23	-32.531	PASS
8DPSK	3-DH5	0	2397.59	-50.758	-22.01	-28.748	PASS
			2400.00	-51.856	-22.01	-29.846	PASS
			4804.30	-55.866	-22.01	-33.856	PASS
			7205.80	-54.433	-22.01	-32.423	PASS
			9607.90	-45.563	-22.01	-23.553	PASS
			24954.4	-45.378	-22.01	-23.368	PASS
		39	4882.30	-54.443	-22.82	-31.623	PASS
			7323.11	-56.636	-22.82	-33.816	PASS
			9763.93	-44.971	-22.82	-22.151	PASS
		78	2483.50	-51.510	-22.19	-29.320	PASS
			4960.33	-52.857	-22.19	-30.667	PASS
			7440.47	-54.815	-22.19	-32.625	PASS
			9919.99	-45.026	-22.19	-22.835	PASS

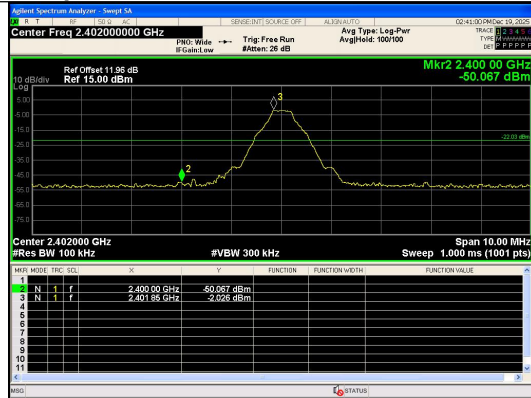
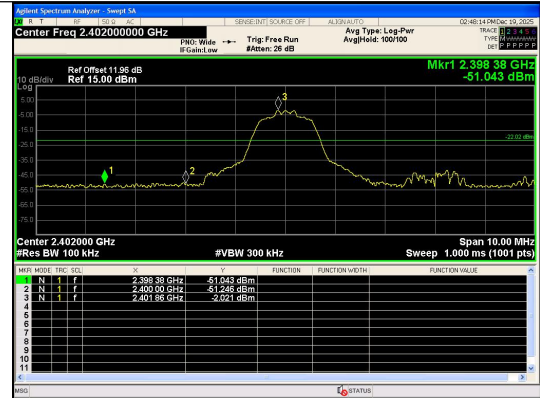
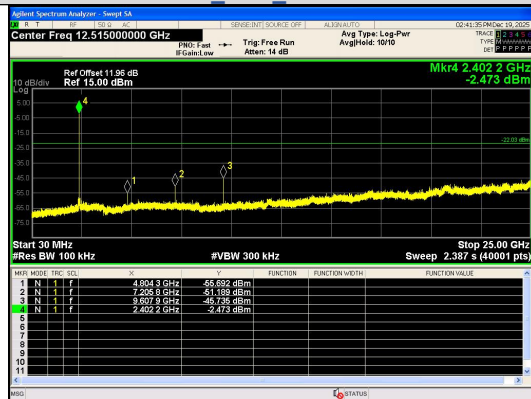
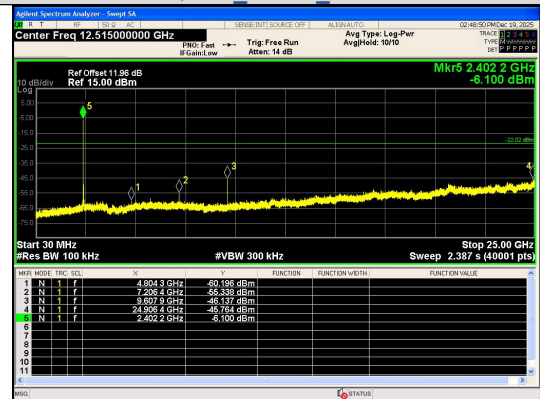
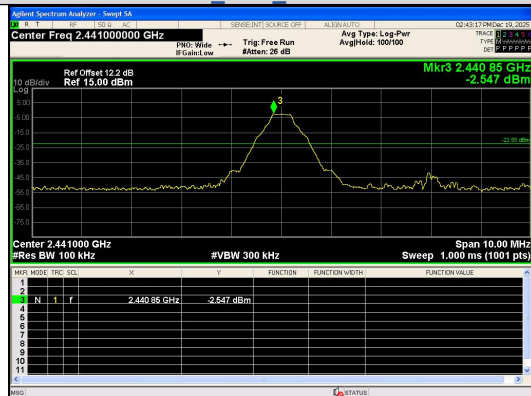
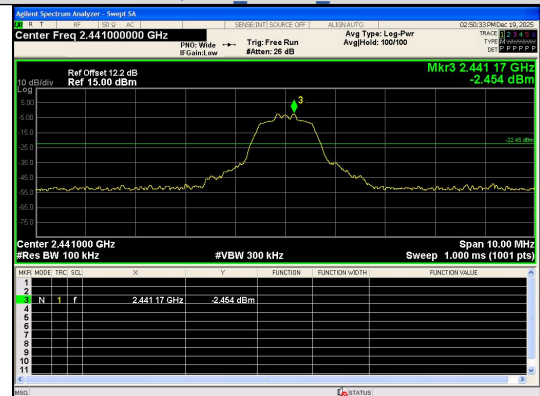
Note: input compensation coefficient (dB)= Cable Loss (dB)

Hopping

Hopping							
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2396.71	-48.989	-21.99	-26.999	PASS
			2400.00	-51.293	-21.99	-29.303	PASS
			2483.50	-51.466	-22.41	-29.056	PASS
			2400.00	-49.571	-22.04	-27.531	PASS
			2483.50	-51.521	-22.45	-29.071	PASS
			2396.07	-50.055	-22.13	-27.925	PASS
			2400.00	-51.592	-22.13	-29.462	PASS
			2483.50	-50.240	-22.22	-28.020	PASS
π/4DQPSK	2-DH5		2395.44	-49.646	-22.04	-27.606	PASS
			2400.00	-51.504	-22.04	-29.464	PASS
			2483.50	-50.640	-22.29	-28.350	PASS
			2400.00	-49.866	-22.08	-27.786	PASS
			2483.50	-50.030	-24.88	-25.150	PASS
			2395.77	-49.924	-22.65	-27.274	PASS

8DPSK	3-DH5		2400.00	-52.059	-22.65	-29.409	PASS
			2483.50	-50.730	-22.5	-28.230	PASS
			2396.59	-49.188	-22.07	-27.118	PASS
			2400.00	-51.455	-22.07	-29.385	PASS
			2483.50	-51.236	-22.17	-29.066	PASS
			2397.98	-49.425	-22.23	-27.195	PASS
			2400.00	-52.233	-22.23	-30.003	PASS
			2483.50	-51.160	-22.34	-28.820	PASS
			2398.90	-49.574	-22.22	-27.354	PASS
			2400.00	-51.505	-22.22	-29.285	PASS
			2483.50	-50.731	-23.05	-27.681	PASS
Note: input compensation coefficient (dB)= Cable Loss (dB)							

Test Graphs

Out Of Band Emission
GFSK DH5 Channel 0Out Of Band Emission
π/4DQPSK 2-DH5 Channel 030.0 MHz - 25000.0 MHz
GFSK DH5 Channel 030.0 MHz - 25000.0 MHz
π/4DQPSK 2-DH5 Channel 0Out Of Band Emission
GFSK DH5 Channel 39Out Of Band Emission
π/4DQPSK 2-DH5 Channel 39

