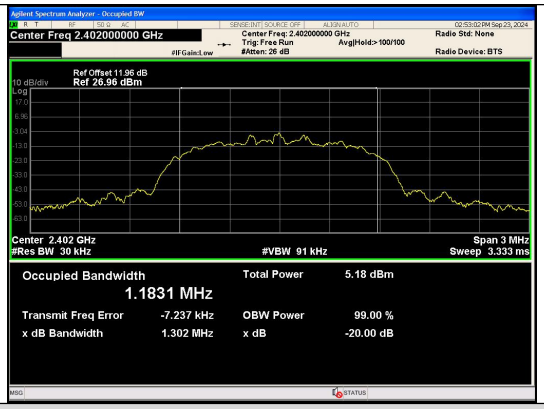
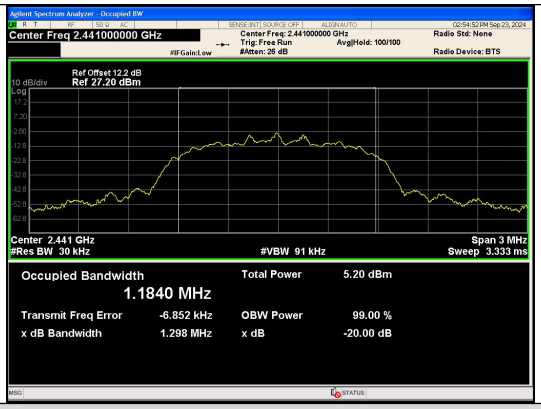
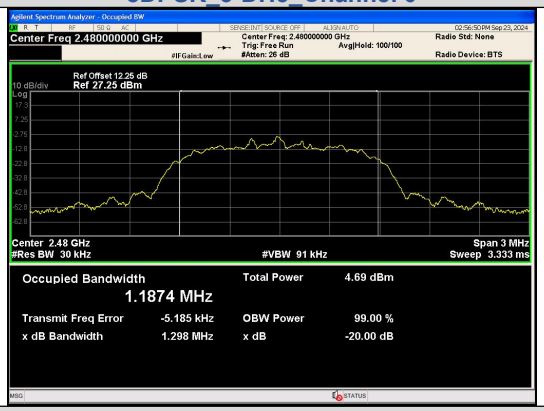


8DPSK_3-DH5_Channel 0



8DPSK_3-DH5_Channel 39



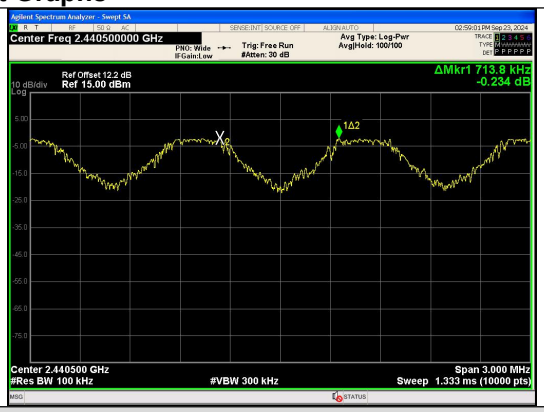
8DPSK_3-DH5_Channel 78

APPENDIX VII.Carrier Frequencies Separation

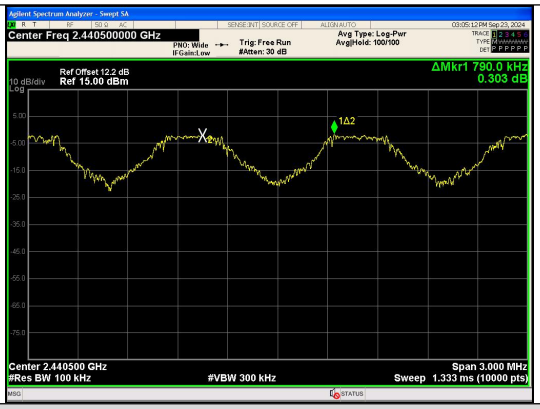
Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2440.1359	2440.8497	0.7138	0.634	PASS
GFSK	DH5	2440.0492	2440.8392	0.7900	0.633	PASS
GFSK	DH5	2439.8401	2441.0009	1.1608	0.634	PASS
π/4DQPSK	2-DH5	2440.0228	2441.0069	0.9841	0.854	PASS
π/4DQPSK	2-DH5	2439.9937	2441.0027	1.0090	0.871	PASS
π/4DQPSK	2-DH5	2440.1695	2441.1485	0.9790	0.855	PASS
8DPSK	3-DH5	2439.9562	2441.0147	1.0585	0.868	PASS
8DPSK	3-DH5	2439.8215	2441.0924	1.2709	0.865	PASS
8DPSK	3-DH5	2439.7873	2440.9817	1.1944	0.865	PASS

Test Graphs

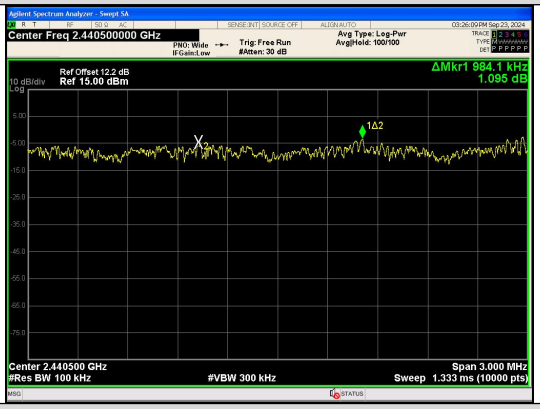


GFSK

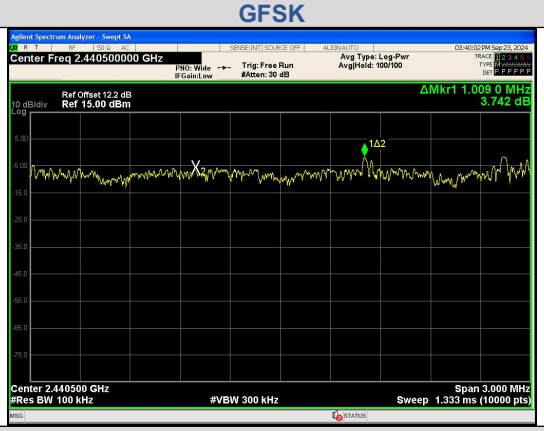


GFSK

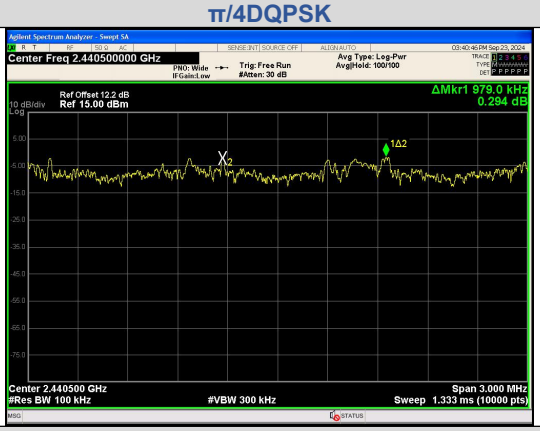
GFSK



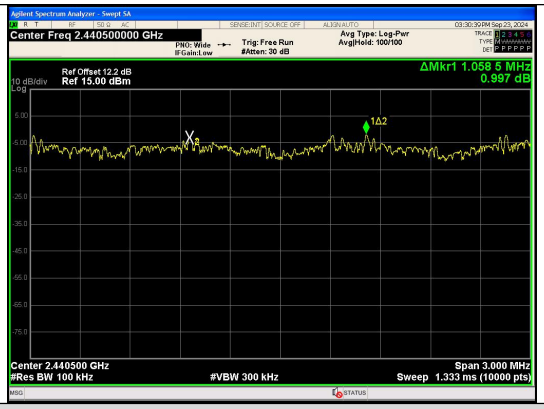
π/4DQPSK



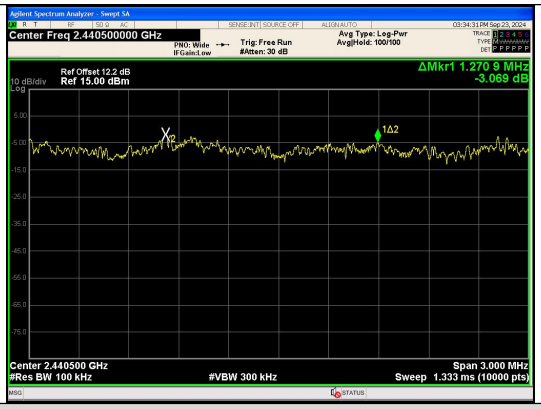
π/4DQPSK



π/4DQPSK



8DPSK



8DPSK

8DPSK

APPENDIX VIII.Conducted Out Of Band Emission

Test Result

Non-Hopping

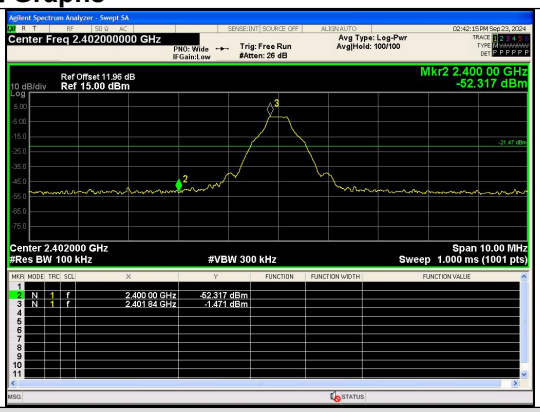
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2399.00	-49.130	-21.47	-27.660	PASS
			2400.00	-52.317	-21.47	-30.847	PASS
			4803.80	-47.852	-21.47	-26.382	PASS
			7205.90	-50.567	-21.47	-29.097	PASS
			9608.10	-50.655	-21.47	-29.185	PASS
			24988.1	-45.072	-21.47	-23.602	PASS
		39	4881.79	-45.351	-21.72	-23.631	PASS
			7322.67	-50.258	-21.72	-28.538	PASS
			9764.17	-53.803	-21.72	-32.083	PASS
		78	2483.50	-51.281	-21.93	-29.351	PASS
			4959.83	-46.104	-21.93	-24.174	PASS
			7440.03	-48.693	-21.93	-26.763	PASS
			9920.24	-59.273	-21.93	-37.343	PASS
			24980.0	-45.264	-21.93	-23.334	PASS
π/4DQPSK	2-DH5	0	2398.96	-49.529	-21.46	-28.069	PASS
			2400.00	-51.342	-21.46	-29.882	PASS
			4803.80	-49.204	-21.46	-27.744	PASS
			7205.90	-52.928	-21.46	-31.468	PASS
			9608.10	-50.908	-21.46	-29.448	PASS
			24980.0	-45.997	-21.46	-24.537	PASS
		39	4881.79	-45.881	-21.67	-24.211	PASS
			7323.30	-54.904	-21.67	-33.234	PASS
			9764.17	-54.584	-21.67	-32.914	PASS
		78	2483.50	-51.462	-21.9	-29.562	PASS
			4959.83	-45.852	-21.9	-23.953	PASS
			7440.03	-49.189	-21.9	-27.289	PASS
			9920.24	-61.016	-21.9	-39.116	PASS
8DPSK	3-DH5	0	2398.79	-50.138	-21.77	-28.368	PASS
			2400.00	-50.510	-21.77	-28.740	PASS
			4803.80	-48.707	-21.77	-26.937	PASS
			7205.90	-52.558	-21.77	-30.788	PASS
			9608.10	-50.849	-21.77	-29.079	PASS
			24872.6	-44.743	-21.77	-22.973	PASS
		39	4881.79	-44.792	-23.32	-21.472	PASS
			7322.67	-52.373	-23.32	-29.053	PASS
			9764.17	-56.260	-23.32	-32.940	PASS
		78	2483.50	-51.285	-21.98	-29.305	PASS
			4959.83	-46.562	-21.98	-24.582	PASS
			7440.03	-53.745	-21.98	-31.765	PASS
			9920.24	-62.273	-21.98	-40.293	PASS
			24921.3	-45.933	-21.98	-23.953	PASS

Hopping

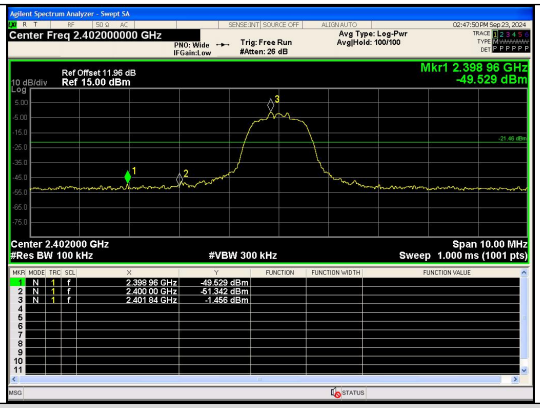
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2396.92	-48.798	-21.49	-27.308	PASS
			2400.00	-50.653	-21.49	-29.163	PASS
			2483.50	-50.535	-21.88	-28.655	PASS
			2398.83	-49.302	-21.73	-27.572	PASS
			2400.00	-51.115	-21.73	-29.385	PASS
			2483.50	-50.624	-22.02	-28.604	PASS
			2397.70	-49.815	-21.58	-28.235	PASS
			2400.00	-50.804	-21.58	-29.224	PASS
			2483.50	-50.487	-22.02	-28.467	PASS
π/4DQPSK	2-DH5		2395.59	-49.183	-21.47	-27.713	PASS
			2400.00	-51.209	-21.47	-29.739	PASS
			2483.50	-50.980	-22.47	-28.510	PASS
			2396.47	-49.182	-21.5	-27.682	PASS

			2400.00	-49.240	-21.5	-27.740	PASS
			2483.50	-51.369	-22.13	-29.239	PASS
			2396.62	-49.549	-21.95	-27.599	PASS
			2400.00	-51.132	-21.95	-29.182	PASS
			2483.50	-50.153	-21.92	-28.233	PASS
8DPSK	3-DH5		2398.75	-49.815	-21.56	-28.255	PASS
			2400.00	-51.157	-21.56	-29.597	PASS
			2483.50	-51.074	-22.23	-28.844	PASS
			2395.81	-49.829	-21.58	-28.249	PASS
			2400.00	-50.479	-21.58	-28.899	PASS
			2483.50	-50.974	-22.05	-28.924	PASS
			2397.19	-49.682	-21.57	-28.112	PASS
			2400.00	-51.429	-21.57	-29.859	PASS
			2483.50	-50.807	-23.82	-26.987	PASS

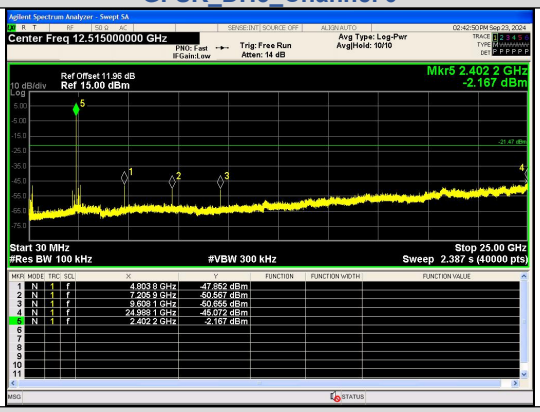
Test Graphs



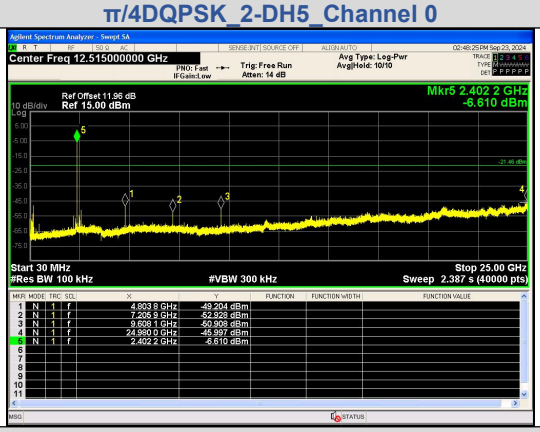
Out Of Band Emission
GFSK_DH5_Channel 0



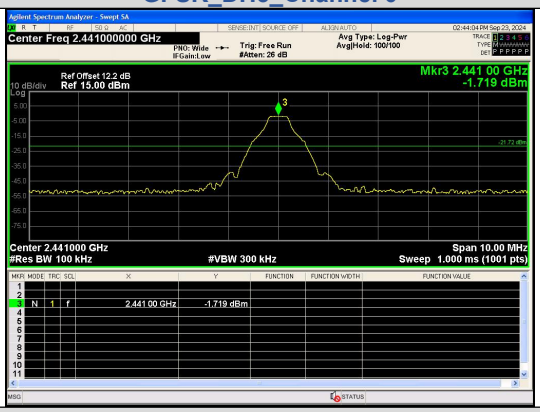
Out Of Band Emission
π/4DQPSK_2-DH5_Channel 0



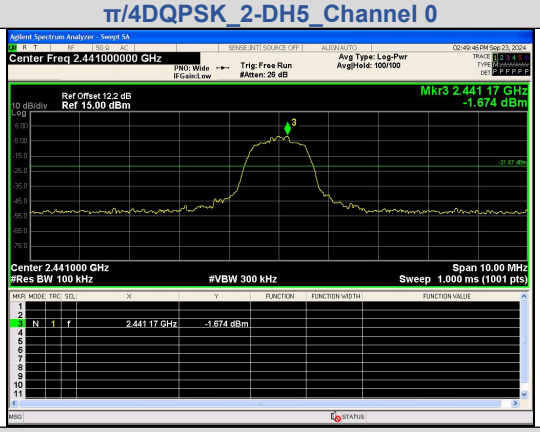
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 0



30.0 MHz - 25000.0 MHz
π/4DQPSK_2-DH5_Channel 0



Out Of Band Emission
GFSK_DH5_Channel 39



Out Of Band Emission
π/4DQPSK_2-DH5_Channel 39