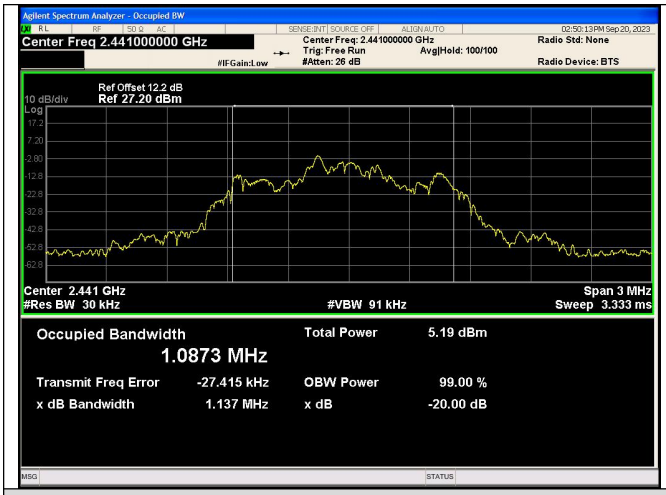


π/4DQPSK_2-DH5_Channel 39

π/4DQPSK_2-DH5_Channel 78

8DPSK_3-DH5_Channel 0

8DPSK_3-DH5_Channel 39

8DPSK_3-DH5_Channel 78

Void

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	2439.97	2440.9709	1.0009	0.687	PASS
GFSK	DH5	2439.9721	2440.9718	0.9997	0.687	PASS
GFSK	DH5	2439.9718	2440.9718	1.0000	0.687	PASS
π/4DQPSK	2-DH5	2439.8476	2440.8461	0.9985	0.758	PASS
π/4DQPSK	2-DH5	2439.8479	2440.9787	1.1308	0.758	PASS
π/4DQPSK	2-DH5	2439.847	2440.8455	0.9985	0.764	PASS
8DPSK	3-DH5	2440.117	2440.9868	0.8698	0.793	PASS
8DPSK	3-DH5	2439.9712	2440.979	1.0078	0.801	PASS
8DPSK	3-DH5	2439.9901	2440.9958	1.0057	0.788	PASS

Test Graphs

GFSK

GFSK

GFSK

π/4DQPSK

π/4DQPSK

π/4DQPSK

8DPSK

8DPSK

8DPSK

Void

APPENDIX V.Conducted Out Of Band Emission

Test Result

Non-Hopping

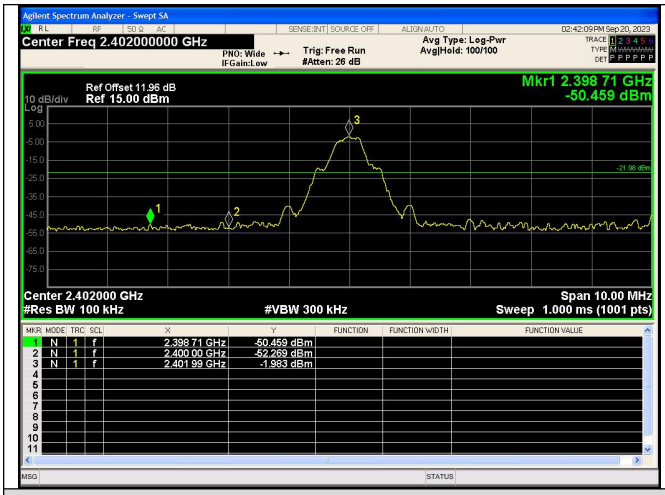
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-52.269	-21.98	-30.289	PASS
			2398.71	-50.459	-21.98	-28.479	PASS
			4803.80	-61.755	-21.98	-39.775	PASS
			7205.30	-61.665	-21.98	-39.685	PASS
			9608.10	-63.053	-21.98	-41.073	PASS
			24683.5	-45.787	-21.98	-23.807	PASS
		39	4881.79	-60.987	-20.83	-40.157	PASS
			7323.30	-62.840	-20.83	-42.010	PASS
			9763.55	-62.659	-20.83	-41.829	PASS
			24989.4	-45.663	-20.83	-24.833	PASS
		78	2483.50	-51.410	-20.26	-31.150	PASS
			4959.83	-61.271	-20.26	-41.011	PASS
			7440.03	-61.874	-20.26	-41.614	PASS
			9920.86	-63.834	-20.26	-43.574	PASS
			24844.6	-46.203	-20.26	-25.943	PASS
π/4DQPSK	2-DH5	0	2400.00	-52.579	-21.92	-30.659	PASS
			2398.85	-51.004	-21.92	-29.084	PASS
			4803.80	-60.422	-21.92	-38.502	PASS
			7205.90	-64.439	-21.92	-42.519	PASS
			9607.50	-62.328	-21.92	-40.408	PASS
			24934.5	-46.456	-21.92	-24.536	PASS
		39	4881.79	-58.659	-21.09	-37.569	PASS
			7322.05	-61.828	-21.09	-40.738	PASS
			9764.17	-63.090	-21.09	-42.000	PASS
			24932.6	-46.355	-21.09	-25.265	PASS
		78	2483.50	-52.205	-20.27	-31.935	PASS
			4959.83	-58.775	-20.27	-38.505	PASS
			7440.03	-63.938	-20.27	-43.668	PASS
			9920.86	-63.021	-20.27	-42.751	PASS
			24984.4	-45.783	-20.27	-25.513	PASS
8DPSK	3-DH5	0	2400.00	-51.213	-22.11	-29.103	PASS
			2398.87	-50.678	-22.11	-28.568	PASS
			4803.80	-63.309	-22.11	-41.199	PASS
			7206.60	-63.625	-22.11	-41.515	PASS
			9608.10	-63.533	-22.11	-41.423	PASS

			24965.0	-46.111	-22.11	-24.001	PASS
		39	4881.79	-61.825	-21.64	-40.185	PASS
			7322.05	-63.687	-21.64	-42.047	PASS
			9763.55	-61.786	-21.64	-40.146	PASS
			24920.1	-45.679	-21.64	-24.039	PASS
		78	2483.50	-51.935	-20.17	-31.765	PASS
			4959.83	-61.196	-20.17	-41.026	PASS
			7440.03	-62.836	-20.17	-42.666	PASS
			9920.86	-63.688	-20.17	-43.518	PASS
			24981.3	-46.156	-20.17	-25.986	PASS

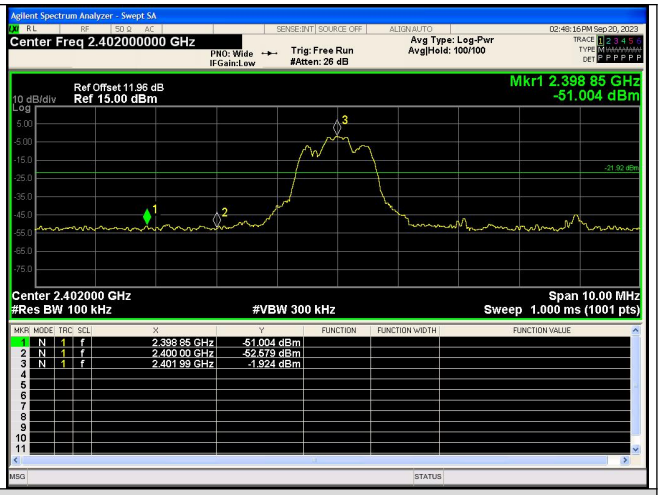
Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2396.87	-49.552	-21.62	-27.932	PASS
			2400.00	-51.609	-21.62	-29.989	PASS
			2483.50	-50.559	-20.4	-30.159	PASS
			2397.95	-50.135	-21.77	-28.365	PASS
			2400.00	-51.531	-21.77	-29.761	PASS
			2483.50	-50.572	-20.05	-30.522	PASS
			2396.11	-49.847	-21.74	-28.107	PASS
			2400.00	-50.931	-21.74	-29.191	PASS
			2483.50	-50.794	-20.09	-30.704	PASS
π/4DQPSK	2-DH5		2395.78	-49.775	-21.89	-27.885	PASS
			2400.00	-51.152	-21.89	-29.262	PASS
			2483.50	-51.046	-20.58	-30.466	PASS
			2398.47	-49.462	-21.72	-27.742	PASS
			2400.00	-51.332	-21.72	-29.612	PASS
			2483.50	-50.912	-20.53	-30.382	PASS
			2398.15	-49.815	-21.73	-28.085	PASS
			2400.00	-50.816	-21.73	-29.086	PASS
			2483.50	-50.730	-20.05	-30.680	PASS
8DPSK	3-DH5		2396.08	-49.539	-21.83	-27.709	PASS
			2400.00	-50.413	-21.83	-28.583	PASS
			2483.50	-50.405	-20.31	-30.095	PASS
			2398.70	-49.678	-21.6	-28.078	PASS
			2400.00	-50.973	-21.6	-29.373	PASS
			2483.50	-50.958	-20.09	-30.868	PASS
			2398.41	-50.117	-21.39	-28.727	PASS
			2400.00	-51.805	-21.39	-30.415	PASS
			2483.50	-50.386	-20.24	-30.146	PASS

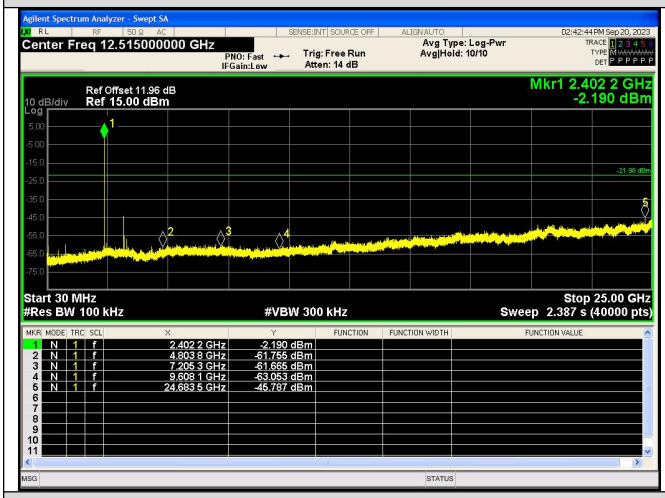
Test Graphs



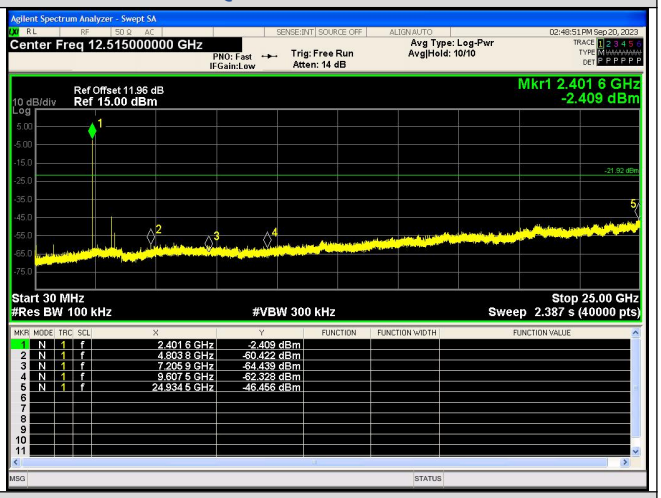
Out Of Band Emission
GFSK_DH5_Channel 0



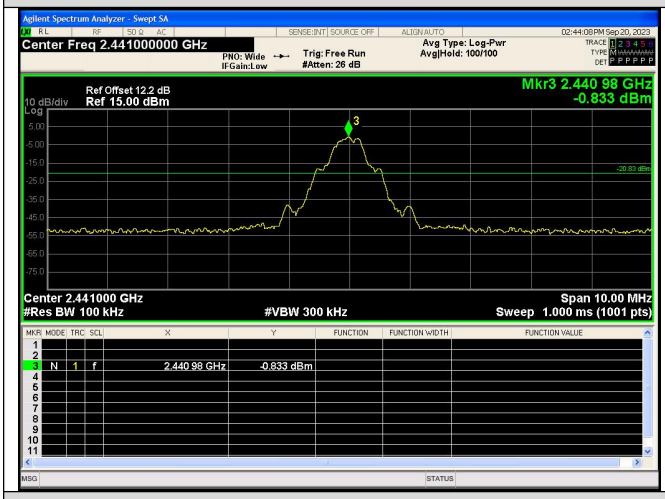
Out Of Band Emission
π/4DQPSK_2-DH5_Channel 0



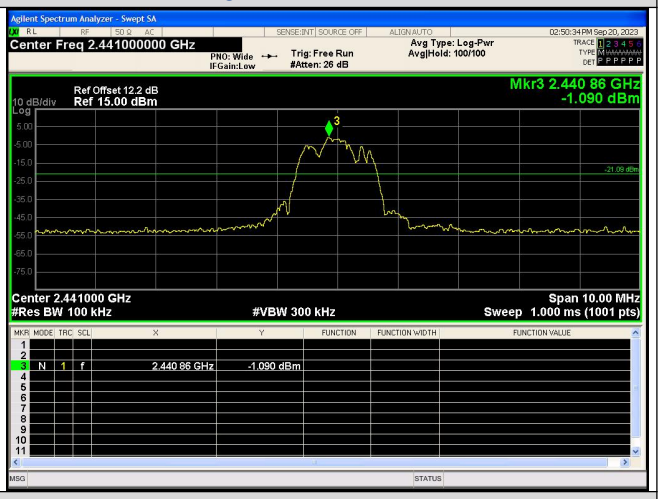
Spurious Emission
GFSK_DH5_Channel 0



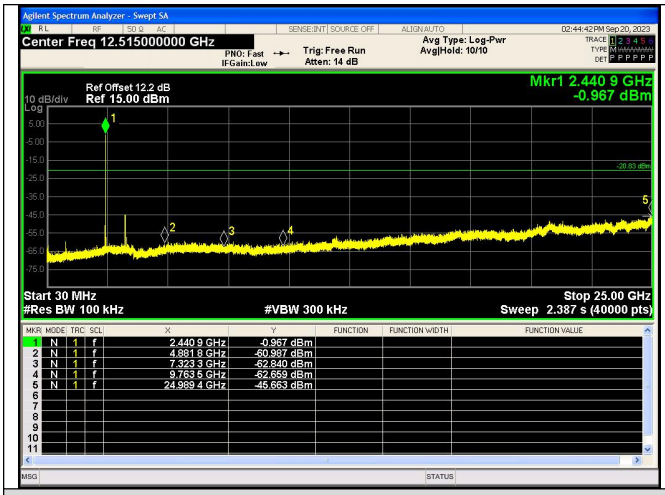
Spurious Emission
π/4DQPSK_2-DH5_Channel 0



Out Of Band Emission
GFSK_DH5_Channel 39

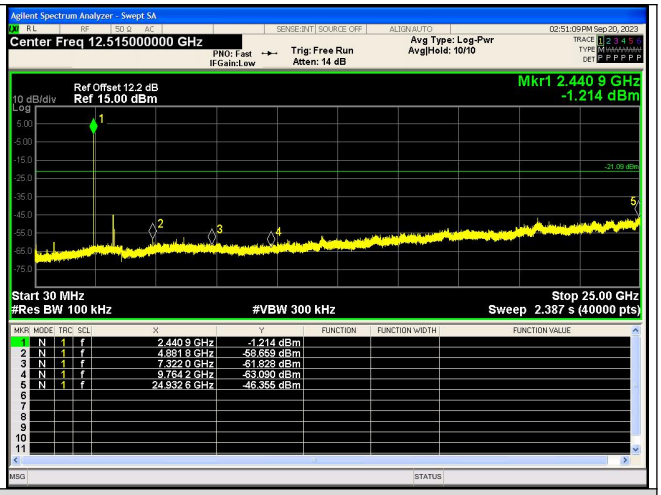


Out Of Band Emission
π/4DQPSK_2-DH5_Channel 39



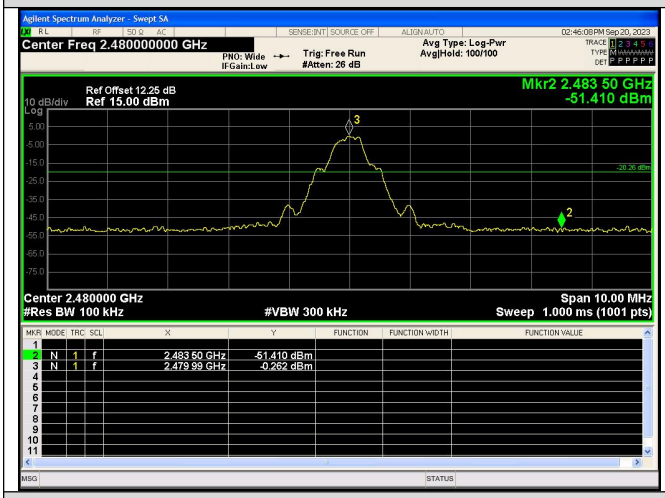
Spurious Emissions

GFSK_DH5_Channel 39



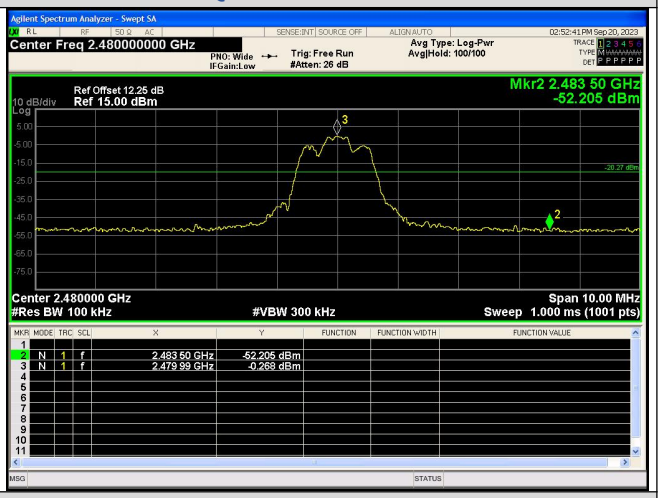
Spurious Emissions

π/4DQPSK_2-DH5_Channel 39



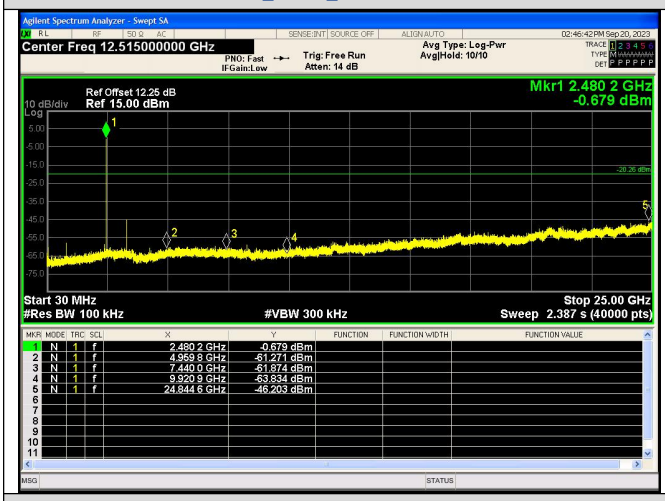
Out Of Band Emission

GFSK_DH5_Channel 78



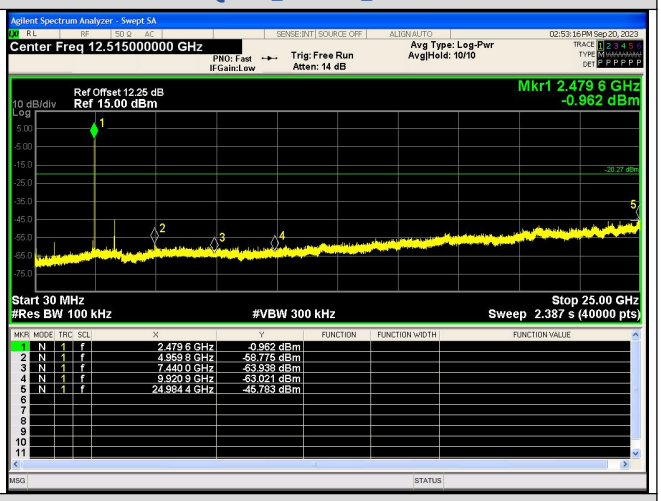
Out Of Band Emission

π/4DQPSK_2-DH5_Channel 78



Spurious Emission

GFSK_DH5_Channel 78



Spurious Emission

π/4DQPSK_2-DH5_Channel 78