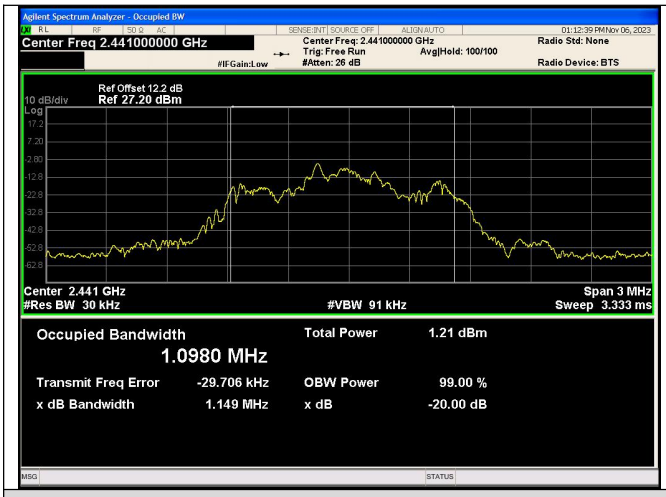
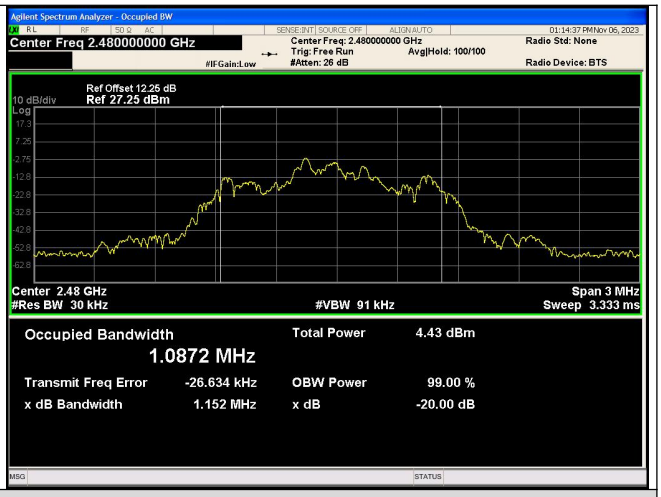
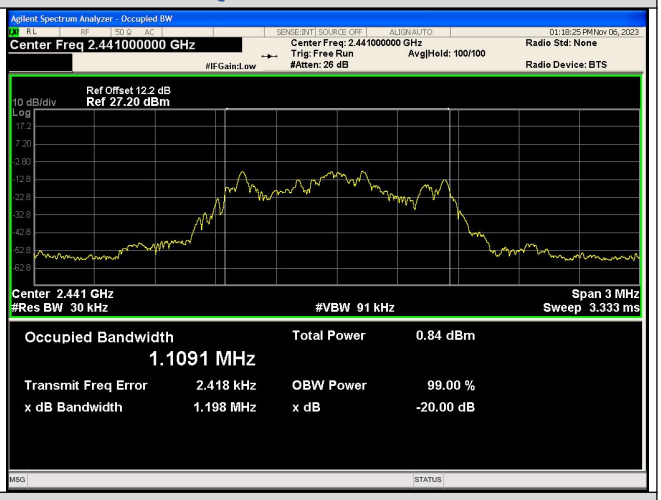


π/4DQPSK_2-DH5_Channel 39



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	2439.9808	2440.9832	1.0024	0.687	PASS
GFSK	DH5	2439.9835	2440.9841	1.0006	0.687	PASS
GFSK	DH5	2439.9838	2440.9826	0.9988	0.687	PASS
π/4DQPSK	2-DH5	2440.0021	2441.0606	1.0585	0.767	PASS
π/4DQPSK	2-DH5	2440.1593	2441.1428	0.9835	0.766	PASS
π/4DQPSK	2-DH5	2440.1494	2441.1683	1.0189	0.768	PASS
8DPSK	3-DH5	2440.1797	2441.1662	0.9865	0.801	PASS
8DPSK	3-DH5	2440.0132	2441.1356	1.1224	0.799	PASS
8DPSK	3-DH5	2440.1377	2441.1611	1.0234	0.787	PASS

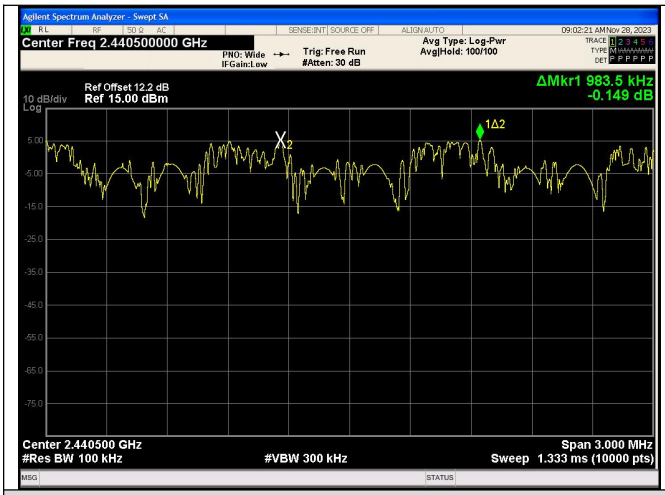
Test Graphs

GFSK

GFSK

GFSK

π/4DQPSK



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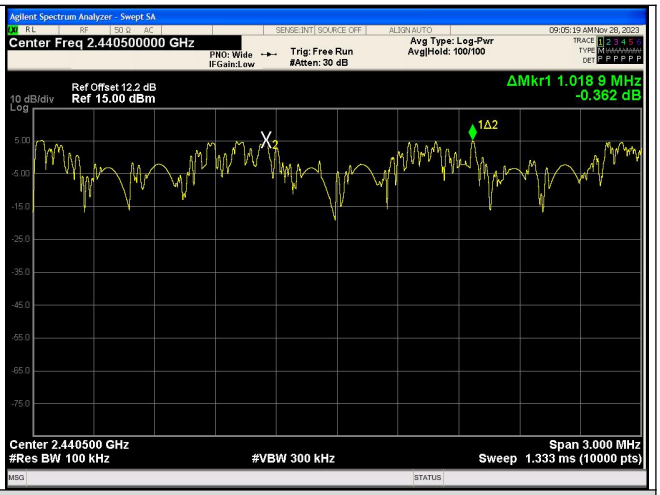
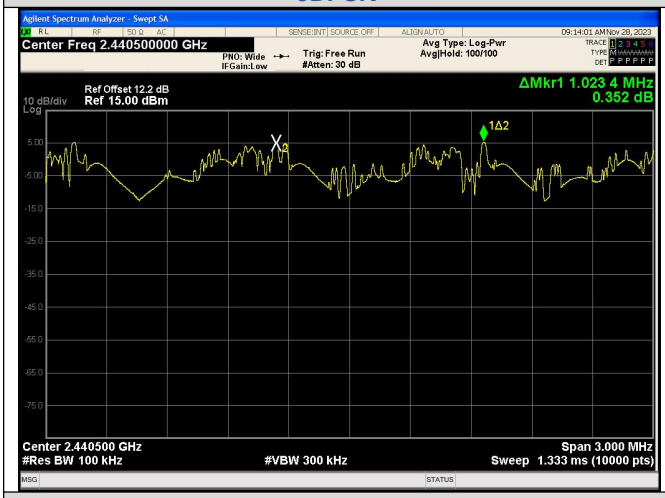


π/4DQPSK

8DPSK

8DPSK



8DPSK

Void

APPENDIX V.Conducted Out Of Band Emission

Test Result

Non-Hopping

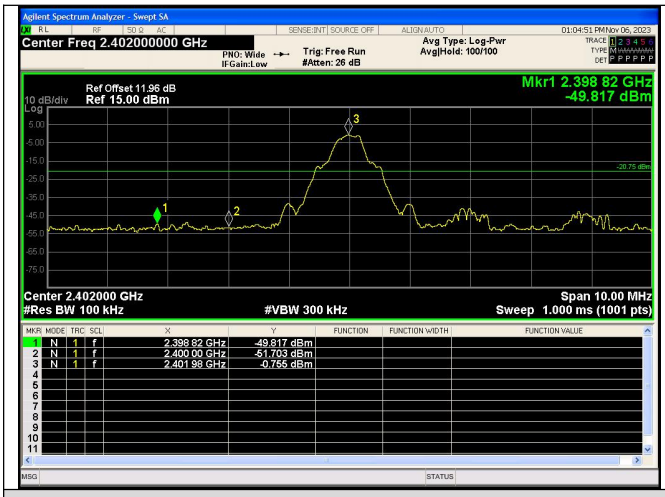
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-51.703	-20.75	-30.953	PASS
			2398.82	-49.817	-20.75	-29.067	PASS
			4803.80	-60.167	-20.75	-39.417	PASS
			7206.60	-62.606	-20.75	-41.856	PASS
			9608.10	-63.368	-20.75	-42.618	PASS
			24897.6	-45.289	-20.75	-24.539	PASS
		39	4881.17	-63.170	-24.51	-38.660	PASS
			7323.30	-62.805	-24.51	-38.295	PASS
			9764.17	-61.543	-24.51	-37.033	PASS
			24968.8	-44.979	-24.51	-20.469	PASS
		78	2483.50	-51.372	-21.56	-29.812	PASS
			4959.83	-61.126	-21.56	-39.566	PASS
			7440.03	-62.254	-21.56	-40.694	PASS
			9919.62	-63.323	-21.56	-41.763	PASS
			24880.8	-45.827	-21.56	-24.267	PASS
π/4DQPSK	2-DH5	0	2400.00	-51.563	-21.16	-30.403	PASS
			2398.83	-50.623	-21.16	-29.463	PASS
			4803.80	-60.042	-21.16	-38.882	PASS
			7205.30	-63.195	-21.16	-42.035	PASS
			9607.50	-65.422	-21.16	-44.263	PASS
			24884.5	-45.838	-21.16	-24.678	PASS
		39	4882.42	-62.497	-24.75	-37.747	PASS
			7322.67	-62.683	-24.75	-37.933	PASS
			9763.55	-62.860	-24.75	-38.110	PASS
			24940.1	-45.579	-24.75	-20.829	PASS
		78	2483.50	-52.143	-21.43	-30.713	PASS
			4959.83	-60.191	-21.43	-38.761	PASS
			7440.03	-63.306	-21.43	-41.876	PASS
			9919.62	-63.965	-21.43	-42.535	PASS
			24933.2	-44.433	-21.43	-23.003	PASS
8DPSK	3-DH5	0	2400.00	-52.063	-21.11	-30.953	PASS
			2398.25	-50.694	-21.11	-29.584	PASS
			4803.80	-61.026	-21.11	-39.916	PASS
			7205.90	-63.127	-21.11	-42.017	PASS
			9607.50	-64.256	-21.11	-43.146	PASS

			24944.4	-45.879	-21.11	-24.769	PASS
		39	4881.79	-62.208	-25.18	-37.028	PASS
			7323.30	-61.965	-25.18	-36.785	PASS
			9763.55	-60.782	-25.18	-35.602	PASS
			24903.9	-46.188	-25.18	-21.008	PASS
		78	2483.50	-51.993	-21.42	-30.573	PASS
			4959.83	-61.512	-21.42	-40.092	PASS
			7440.66	-64.535	-21.42	-43.115	PASS
			9920.86	-63.397	-21.42	-41.977	PASS
			24916.3	-45.769	-21.42	-24.349	PASS

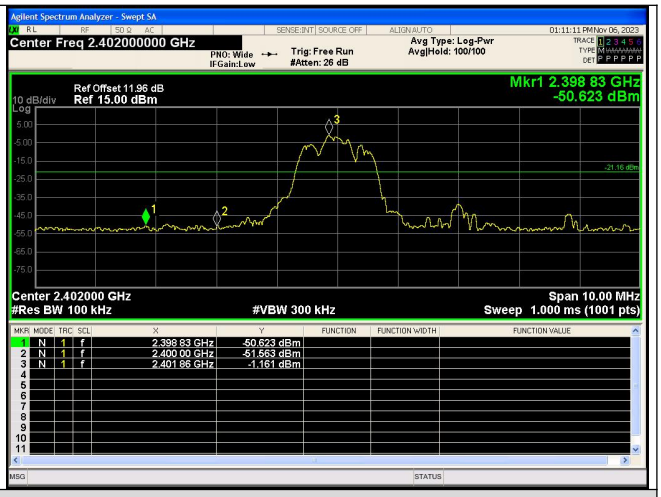
Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2398.69	-49.590	-20.63	-28.960	PASS
			2400.00	-51.269	-20.63	-30.639	PASS
			2483.50	-50.226	-21.68	-28.546	PASS
			2397.62	-50.097	-20.99	-29.107	PASS
			2400.00	-51.782	-20.99	-30.792	PASS
			2483.50	-51.251	-21.74	-29.511	PASS
			2396.46	-49.936	-20.76	-29.176	PASS
			2400.00	-50.408	-20.76	-29.648	PASS
			2483.50	-51.032	-21.75	-29.282	PASS
π/4DQPSK	2-DH5		2395.29	-49.469	-21.01	-28.459	PASS
			2400.00	-52.752	-21.01	-31.742	PASS
			2483.50	-50.735	-21.93	-28.805	PASS
			2398.35	-49.428	-20.66	-28.768	PASS
			2400.00	-50.966	-20.66	-30.306	PASS
			2483.50	-51.519	-21.94	-29.579	PASS
			2397.50	-49.530	-21.02	-28.510	PASS
			2400.00	-51.473	-21.02	-30.453	PASS
			2483.50	-50.794	-21.45	-29.344	PASS
8DPSK	3-DH5		2395.31	-50.255	-20.8	-29.455	PASS
			2400.00	-51.837	-20.8	-31.037	PASS
			2483.50	-51.390	-21.58	-29.810	PASS
			2396.07	-49.452	-20.62	-28.832	PASS
			2400.00	-51.764	-20.62	-31.144	PASS
			2483.50	-50.976	-22.03	-28.946	PASS
			2396.92	-49.991	-20.76	-29.231	PASS
			2400.00	-50.808	-20.76	-30.048	PASS
			2483.50	-49.856	-21.79	-28.066	PASS

Test Graphs



Out Of Band Emission
GFSK_DH5_Channel 0



Out Of Band Emission
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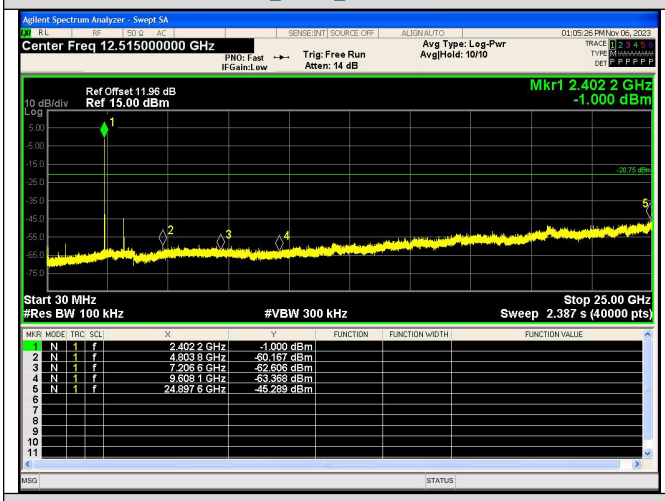
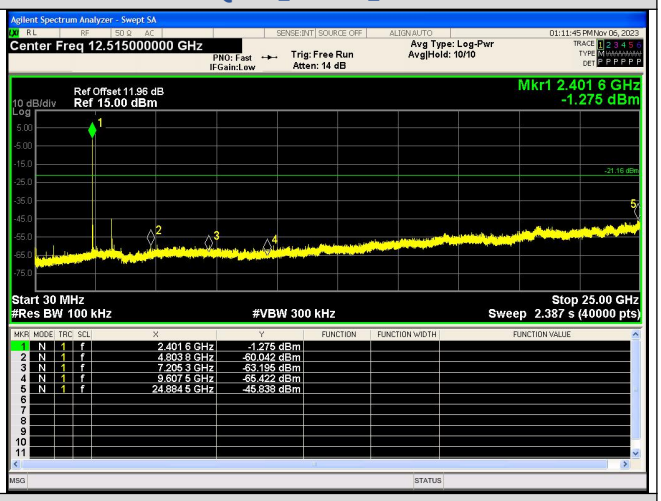


Spurious Emission
GFSK_DH5_Channel 0



Spurious Emission
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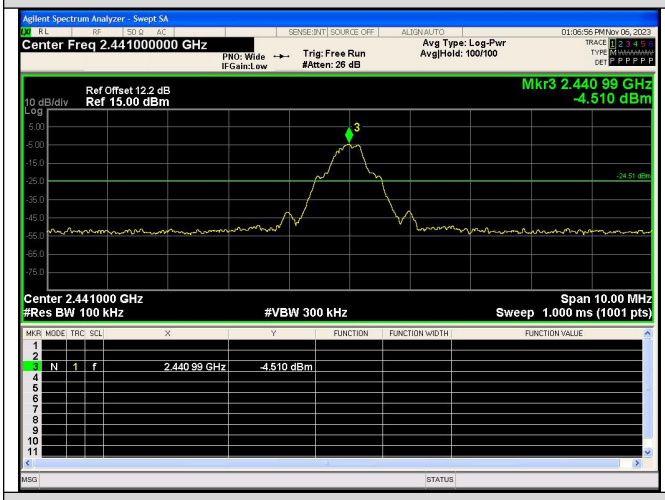
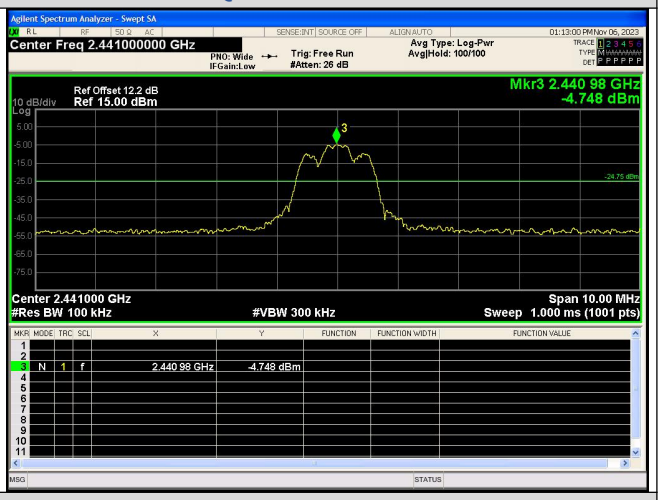


Out Of Band Emission
GFSK_DH5_Channel 39



Out Of Band Emission
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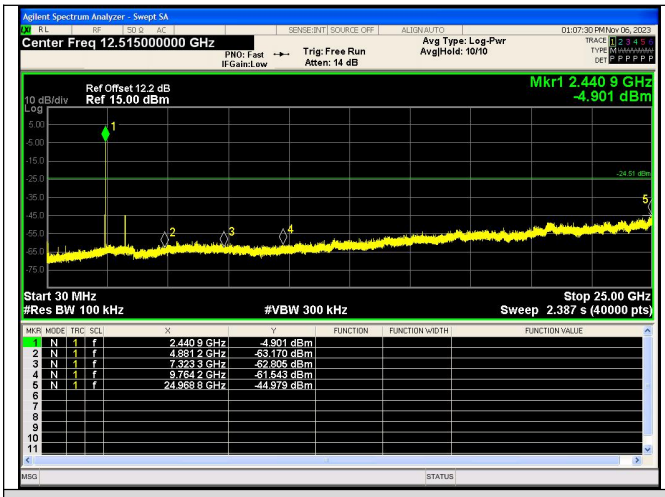
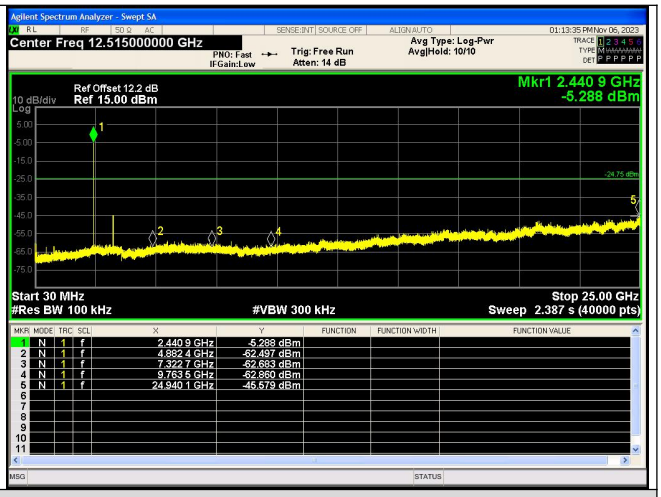


Spurious Emissions
GFSK_DH5_Channel 39



Spurious Emissions
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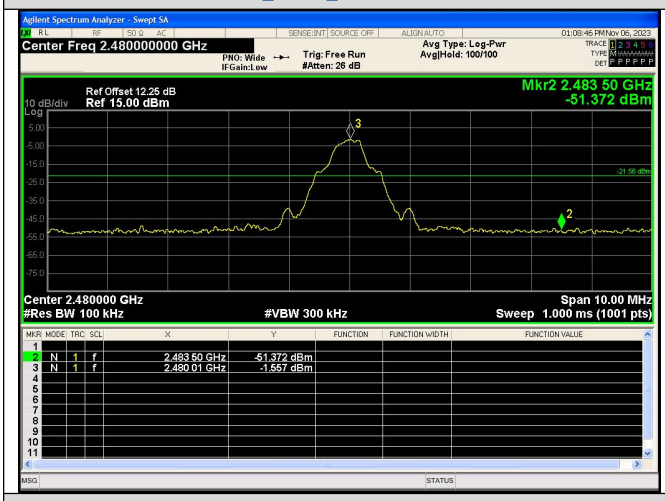
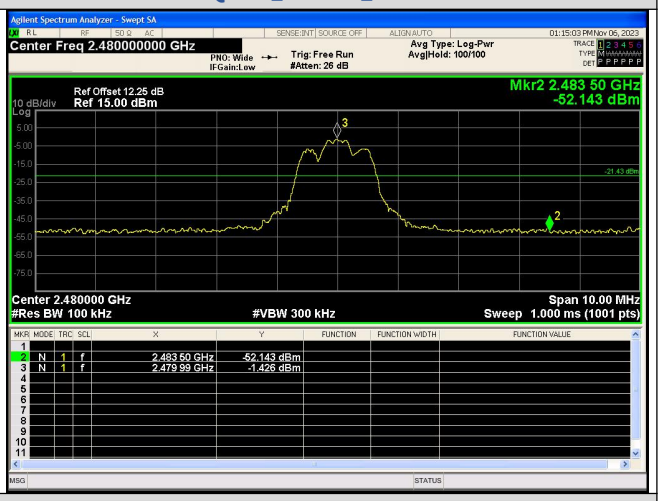


Out Of Band Emission
GFSK_DH5_Channel 78



Out Of Band Emission
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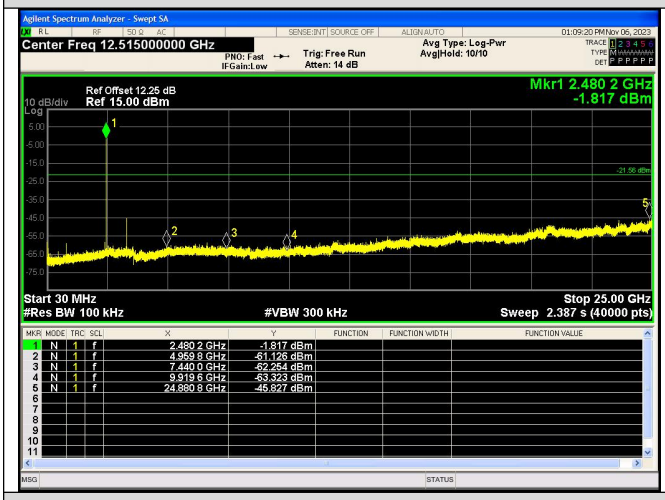
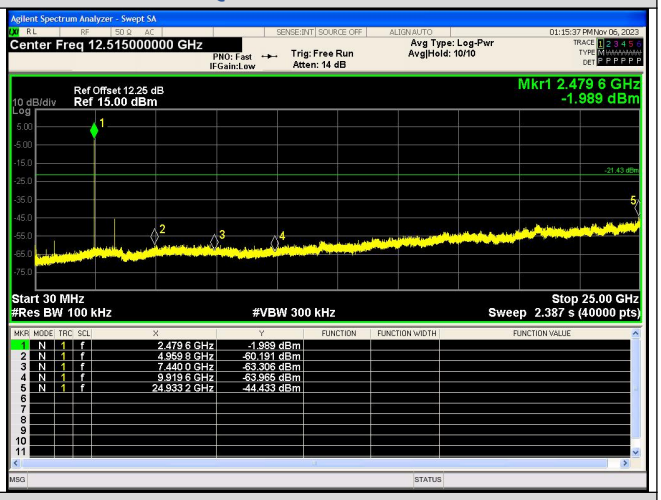


Spurious Emission
GFSK_DH5_Channel 78



Spurious Emission
π/4DQPSK_2-DH5_Channel 78