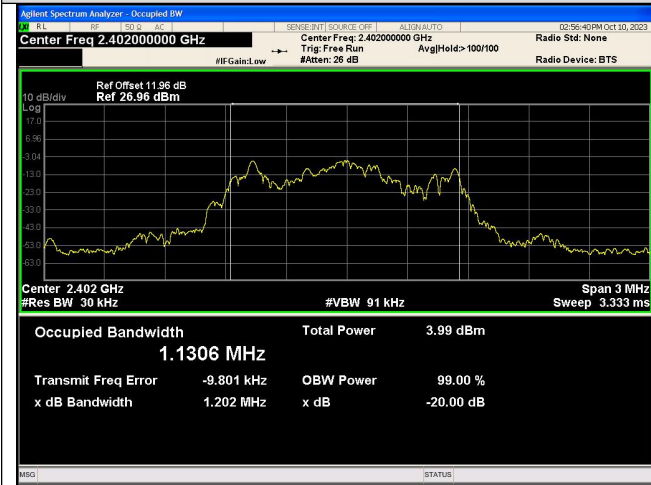




$\pi/4$ DQPSK 2-DH5_Channel 39



$\pi/4$ DQPSK 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	2439.9703	2440.9709	1.0006	0.687	PASS
GFSK	DH5	2439.9703	2440.97	0.9997	0.687	PASS
GFSK	DH5	2439.9703	2440.9706	1.0003	0.687	PASS
π /4DQPSK	2-DH5	2439.8464	2440.8449	0.9985	0.763	PASS
π /4DQPSK	2-DH5	2439.8455	2440.8434	0.9979	0.759	PASS
π /4DQPSK	2-DH5	2439.973	2440.8437	0.8707	0.761	PASS
8DPSK	3-DH5	2440.1389	2440.9793	0.8404	0.801	PASS
8DPSK	3-DH5	2439.9727	2441.1332	1.1605	0.8	PASS
8DPSK	3-DH5	2439.9748	2441.1263	1.1515	0.795	PASS

Test Graphs





$\pi/4$ DQPSK



$\pi/4$ DQPSK



8DPSK



8DPSK



8DPSK

Void

APPENDIX V. Conducted Out Of Band Emission

Test Result

Non-Hopping

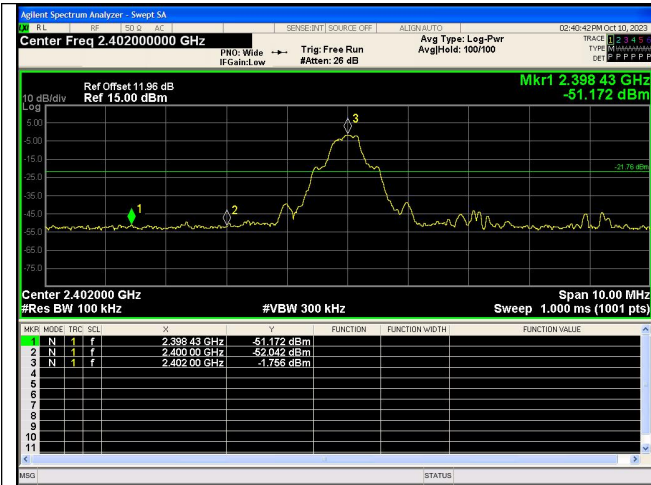
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-52.042	-21.76	-30.282	PASS
			2398.43	-51.172	-21.76	-29.412	PASS
			4803.80	-59.086	-21.76	-37.326	PASS
			7205.90	-63.800	-21.76	-42.040	PASS
			9608.70	-64.651	-21.76	-42.891	PASS
			24988.1	-45.565	-21.76	-23.805	PASS
		39	4881.79	-58.529	-20.58	-37.949	PASS
			7322.67	-62.219	-20.58	-41.639	PASS
			9764.80	-62.187	-20.58	-41.607	PASS
			24978.2	-45.444	-20.58	-24.864	PASS
		78	2483.50	-51.083	-20.27	-30.813	PASS
			4959.83	-60.721	-20.27	-40.451	PASS
			7440.03	-63.522	-20.27	-43.252	PASS
			9920.86	-61.734	-20.27	-41.464	PASS
			24952.6	-45.173	-20.27	-24.903	PASS
$\pi/4$ DQPSK	2-DH5	0	2400.00	-51.312	-21.63	-29.682	PASS
			2397.18	-50.911	-21.63	-29.281	PASS
			4803.80	-58.072	-21.63	-36.442	PASS
			7206.60	-62.603	-21.63	-40.973	PASS
			9608.70	-63.924	-21.63	-42.294	PASS
			24932.0	-45.807	-21.63	-24.177	PASS
		39	4881.79	-59.230	-20.77	-38.460	PASS
			7323.30	-63.164	-20.77	-42.394	PASS
			9763.55	-62.369	-20.77	-41.599	PASS
			24962.5	-46.428	-20.77	-25.658	PASS
		78	2483.50	-51.746	-19.93	-31.816	PASS
			4959.83	-59.032	-19.93	-39.102	PASS
			7440.66	-61.322	-19.93	-41.392	PASS
			9920.86	-63.512	-19.93	-43.582	PASS
			24983.1	-45.362	-19.93	-25.432	PASS
8DPSK	3-DH5	0	2400.00	-51.834	-21.64	-30.194	PASS
			2398.01	-50.364	-21.64	-28.724	PASS
			4803.80	-62.527	-21.64	-40.887	PASS
			7205.90	-62.569	-21.64	-40.929	PASS
			9607.50	-64.450	-21.64	-42.810	PASS
			24902.0	-45.771	-21.64	-24.131	PASS

		39	4881.79	-61.566	-20.76	-40.806	PASS
			7323.30	-63.109	-20.76	-42.349	PASS
			9764.17	-62.925	-20.76	-42.165	PASS
			24911.3	-45.779	-20.76	-25.019	PASS
		78	2483.50	-52.495	-20.12	-32.375	PASS
			4959.83	-60.850	-20.12	-40.730	PASS
			7439.41	-62.809	-20.12	-42.689	PASS
			9920.24	-63.592	-20.12	-43.472	PASS
			24923.2	-45.843	-20.12	-25.723	PASS

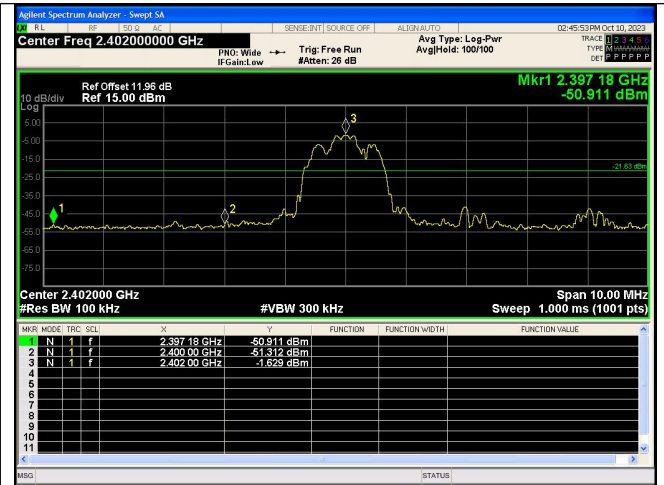
Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2397.47	-49.825	-21.62	-28.204	PASS
			2400.00	-50.648	-21.62	-29.028	PASS
			2483.50	-49.157	-20.02	-29.137	PASS
			2397.17	-49.989	-21.37	-28.619	PASS
			2400.00	-50.584	-21.37	-29.214	PASS
			2483.50	-49.923	-20.25	-29.673	PASS
			2398.19	-49.165	-21.8	-27.365	PASS
			2400.00	-50.718	-21.8	-28.918	PASS
			2483.50	-49.611	-20.24	-29.371	PASS
$\pi/4$ DQPSK	2-DH5	Hopping	2398.24	-49.424	-21.95	-27.474	PASS
			2400.00	-50.457	-21.95	-28.507	PASS
			2483.50	-50.263	-20.38	-29.883	PASS
			2395.48	-50.182	-22.02	-28.162	PASS
			2400.00	-50.550	-22.02	-28.530	PASS
			2483.50	-50.829	-19.98	-30.849	PASS
			2398.48	-49.723	-22.03	-27.693	PASS
			2400.00	-50.983	-22.03	-28.953	PASS
			2483.50	-51.230	-20.52	-30.710	PASS
8DPSK	3-DH5	Hopping	2397.94	-49.806	-21.64	-28.166	PASS
			2400.00	-50.719	-21.64	-29.079	PASS
			2483.50	-50.231	-20.27	-29.961	PASS
			2395.88	-49.564	-21.48	-28.084	PASS
			2400.00	-50.203	-21.48	-28.723	PASS
			2483.50	-50.406	-20.19	-30.216	PASS
			2398.89	-48.516	-21.69	-26.826	PASS
			2400.00	-50.087	-21.69	-28.397	PASS
			2483.50	-49.890	-20.02	-29.870	PASS

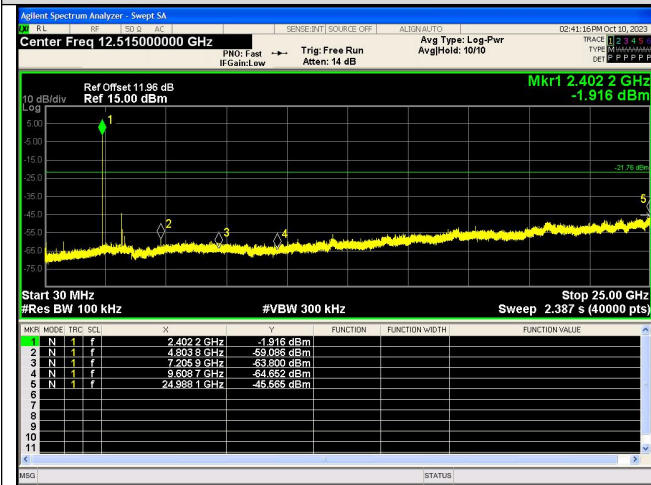
Test Graphs



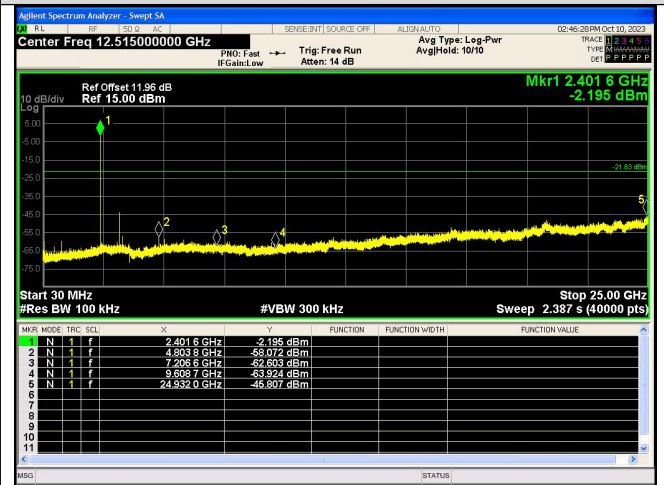
Out Of Band Emission
 GFSK_DH5_Channel 0



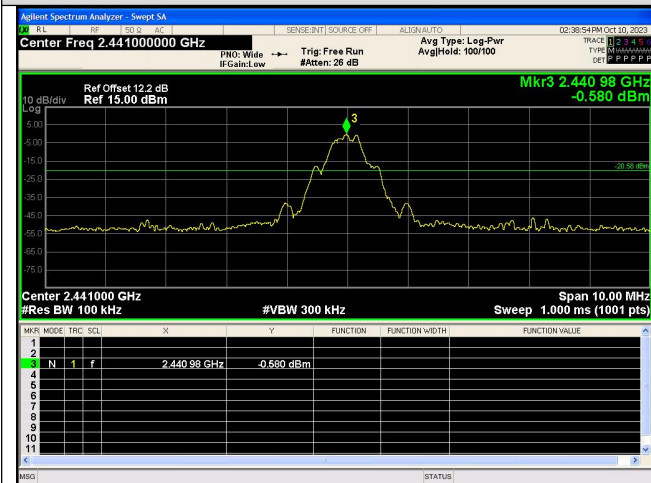
Out Of Band Emission
 pi/4DQPSK_2-DH5_Channel 0



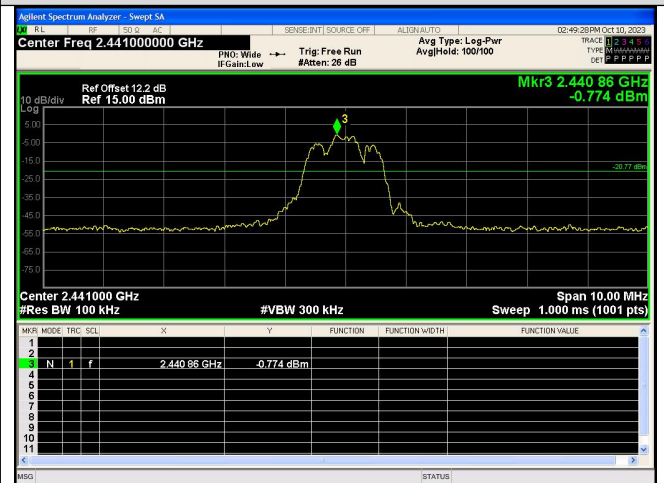
Spurious Emission
 GFSK_DH5_Channel 0



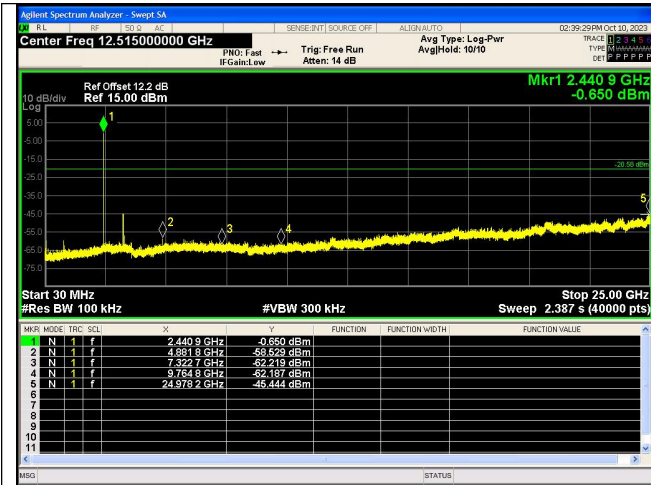
Spurious Emission
 pi/4DQPSK_2-DH5_Channel 0



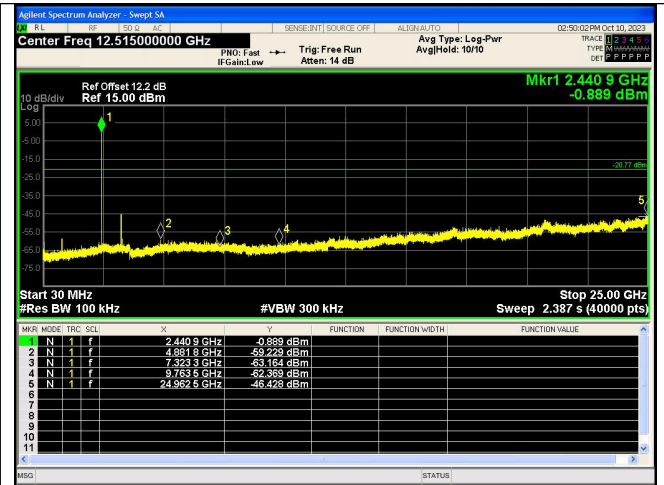
Out Of Band Emission
 GFSK_DH5_Channel 39



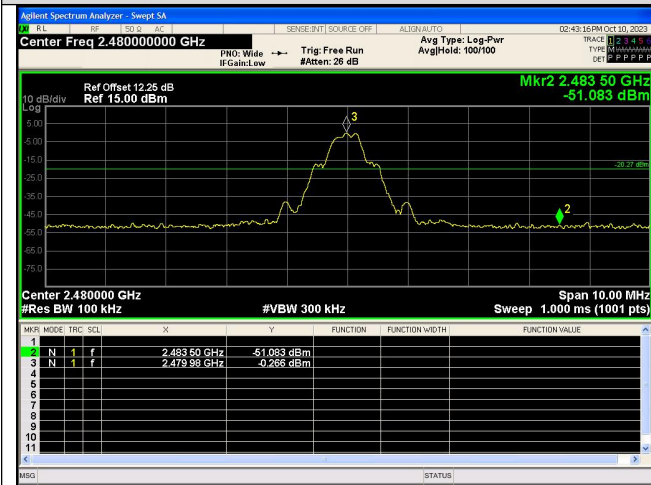
Out Of Band Emission
 pi/4DQPSK_2-DH5_Channel 39



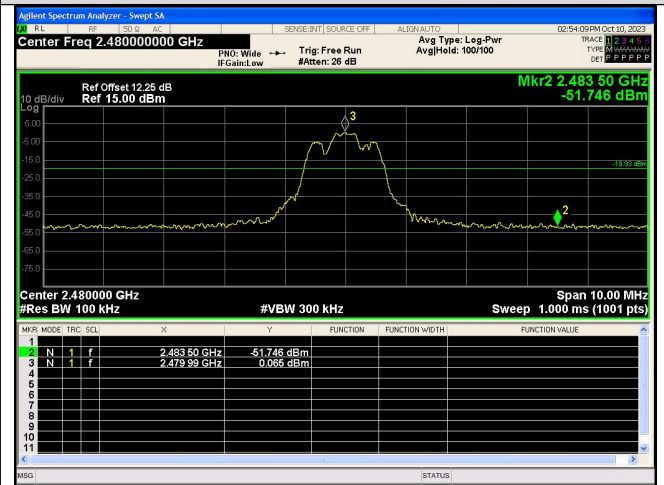
Spurious Emissions
GFSK_DH5_Channel 39



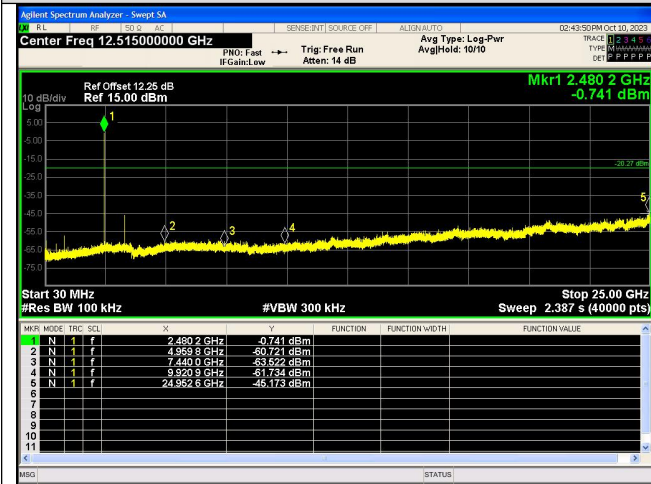
Spurious Emissions
 $\pi/4$ DQPSK_2-DH5_Channel 39



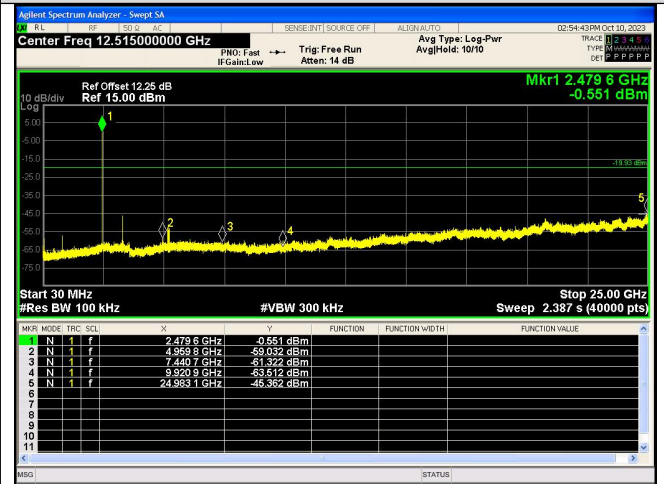
Out Of Band Emission
GFSK_DH5_Channel 78



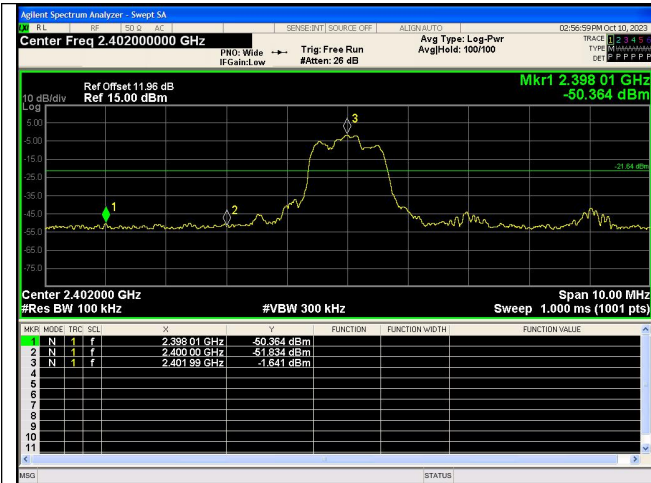
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78



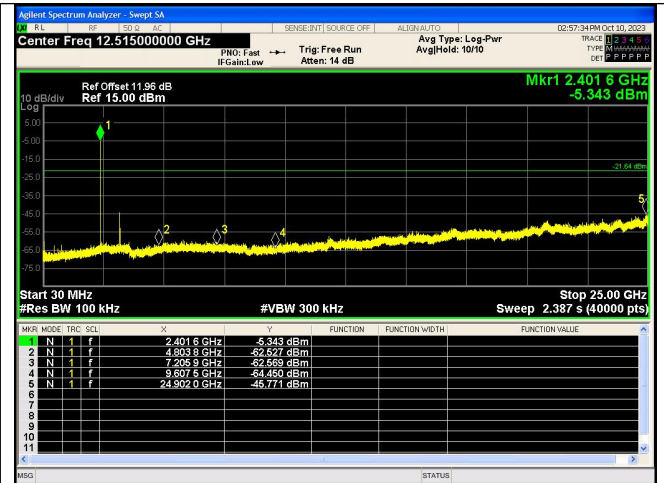
Spurious Emission
GFSK_DH5_Channel 78



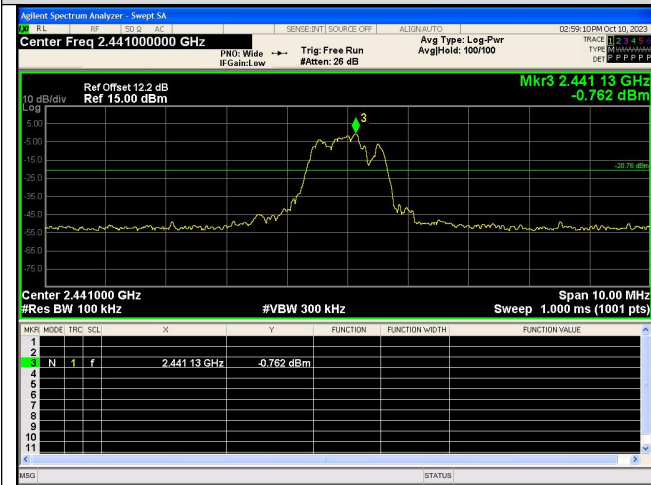
Spurious Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78



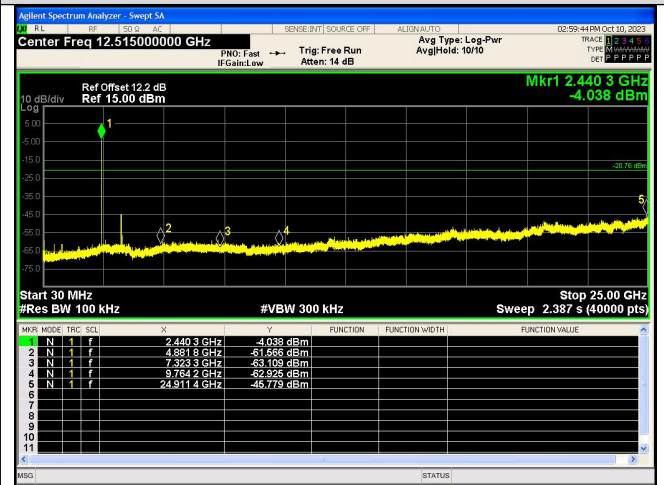
Out Of Band Emission
8DPSK_3-DH5_Channel 0



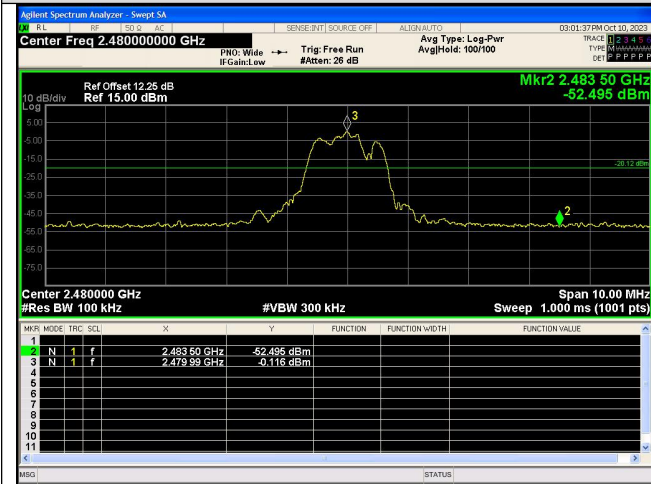
Spurious Emission
8DPSK_3-DH5_Channel 0



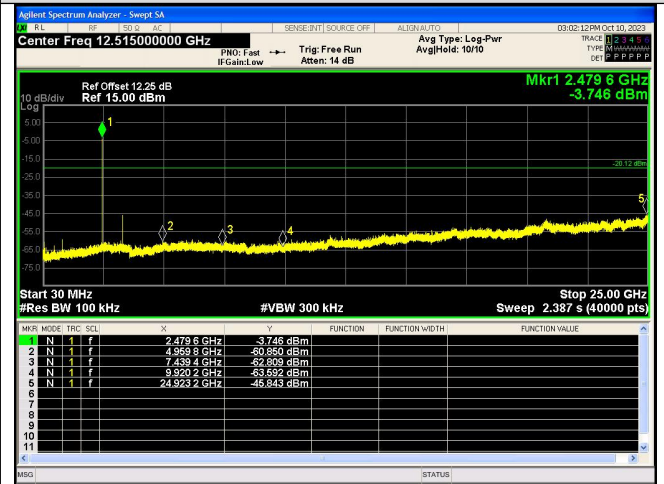
Out Of Band Emission
8DPSK_3-DH5_Channel 39



Spurious Emissions
8DPSK_3-DH5_Channel 39



Out Of Band Emission
8DPSK_3-DH5_Channel 78



Spurious Emission
8DPSK_3-DH5_Channel 78