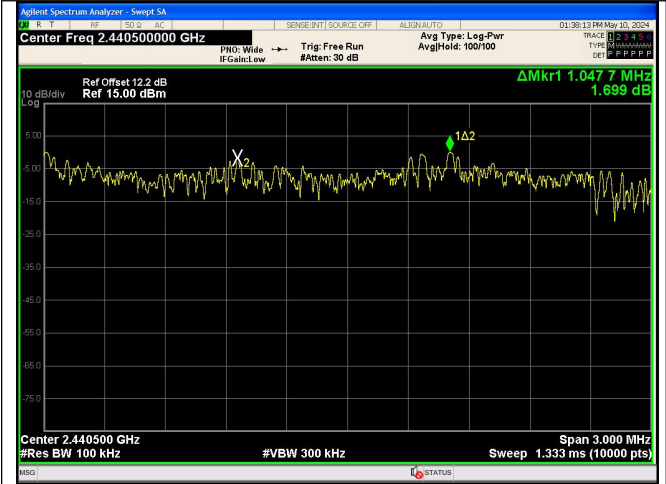




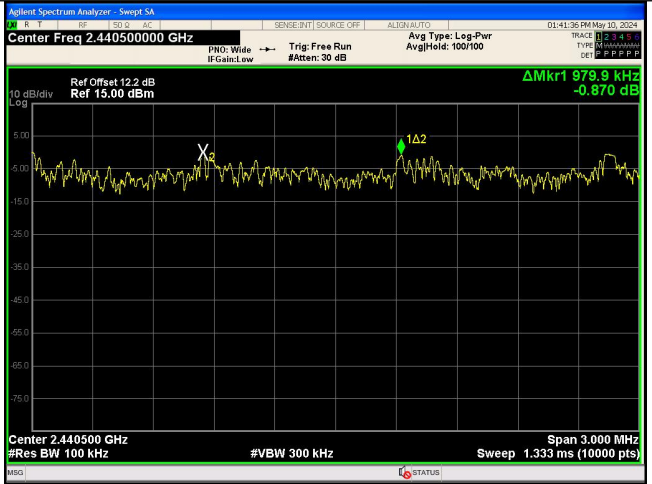
$\pi/4$ DQPSK



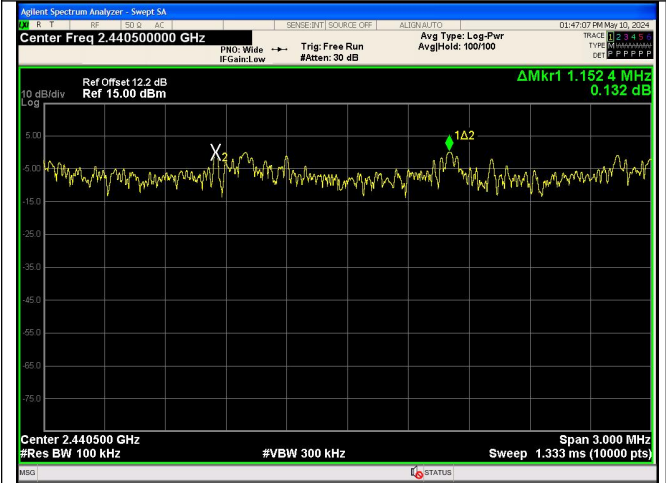
$\pi/4$ DQPSK



8DPSK



8DPSK



8DPSK

APPENDIX V. Conducted Out Of Band Emission**Test Result****Non-Hopping**

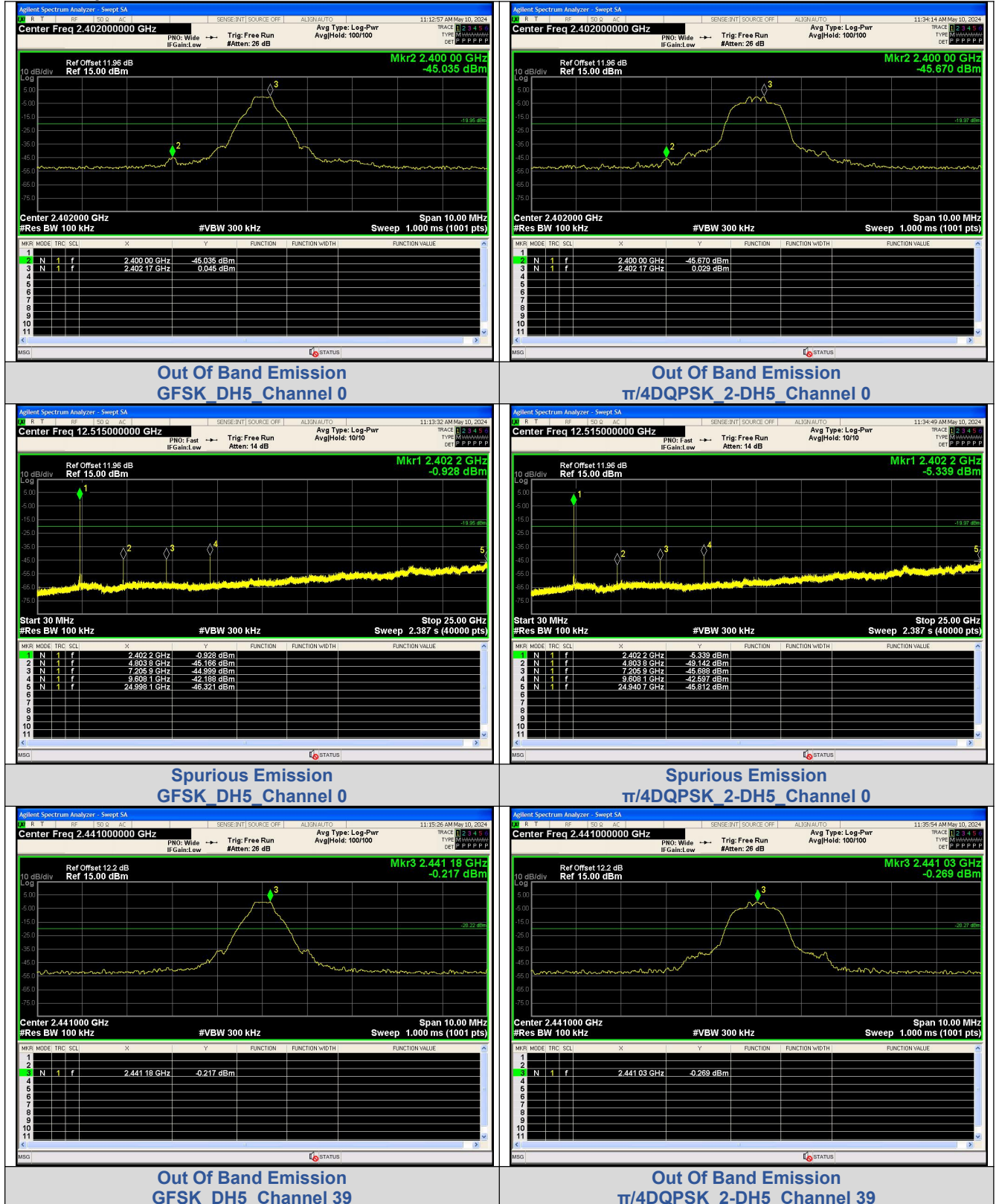
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-45.035	-19.95	-25.085	PASS
			4803.76	-45.166	-19.95	-25.216	PASS
			7205.93	-44.999	-19.95	-25.049	PASS
			9608.11	-42.188	-19.95	-22.238	PASS
			24998.1	-46.322	-19.95	-26.372	PASS
		39	4881.79	-44.784	-20.22	-24.564	PASS
			7323.30	-45.094	-20.22	-24.874	PASS
			9764.17	-41.219	-20.22	-20.999	PASS
			24902.6	-46.439	-20.22	-26.219	PASS
		78	2483.50	-51.005	-20.99	-30.015	PASS
			4959.83	-43.498	-20.99	-22.508	PASS
			7440.03	-43.768	-20.99	-22.778	PASS
			9920.24	-43.479	-20.99	-22.489	PASS
			24887.0	-46.003	-20.99	-25.013	PASS
$\pi/4$ DQPSK	2-DH5	0	2400.00	-45.670	-19.97	-25.700	PASS
			4803.76	-49.142	-19.97	-29.172	PASS
			7205.93	-45.688	-19.97	-25.718	PASS
			9608.11	-42.597	-19.97	-22.627	PASS
			24940.7	-45.812	-19.97	-25.842	PASS
		39	4881.79	-43.860	-20.27	-23.590	PASS
			7322.67	-47.092	-20.27	-26.822	PASS
			9764.17	-41.071	-20.27	-20.801	PASS
			24900.7	-45.948	-20.27	-25.678	PASS
		78	2483.50	-52.063	-20.89	-31.173	PASS
			4959.83	-46.762	-20.89	-25.872	PASS
			7440.03	-44.479	-20.89	-23.589	PASS
			9920.24	-42.204	-20.89	-21.314	PASS
			24997.5	-45.420	-20.89	-24.530	PASS
8DPSK	3-DH5	0	2400.00	-45.491	-19.72	-25.771	PASS
			4803.76	-42.199	-19.72	-22.479	PASS
			7205.31	-52.464	-19.72	-32.744	PASS
			9608.11	-42.873	-19.72	-23.153	PASS
			24920.1	-45.946	-19.72	-26.226	PASS
		39	4881.79	-47.663	-19.87	-27.793	PASS
			7323.30	-50.528	-19.87	-30.658	PASS
			9764.17	-40.721	-19.87	-20.851	PASS
			24932.0	-45.524	-19.87	-25.654	PASS
		78	2483.50	-52.068	-20.46	-31.608	PASS
			4959.83	-47.439	-20.46	-26.979	PASS
			7440.03	-46.777	-20.46	-26.317	PASS
			9920.24	-42.299	-20.46	-21.839	PASS
			24960.0	-46.191	-20.46	-25.731	PASS

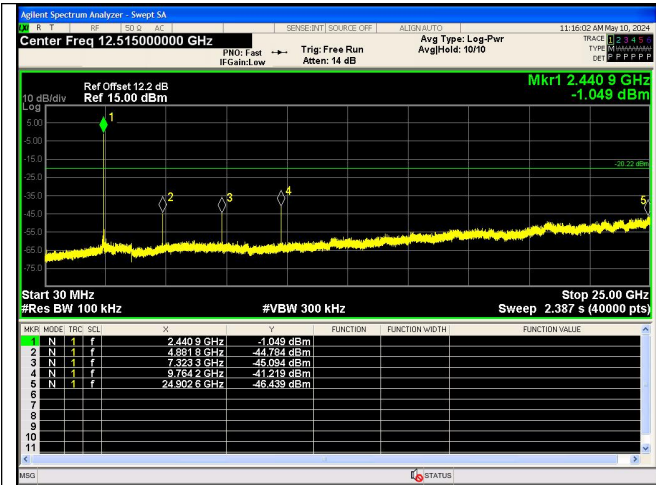
Hopping

Hopping							
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2400.00	-45.338	-20.18	-25.158	PASS
			2483.50	-50.546	-21.1	-29.446	PASS
			2400.00	-46.398	-20.05	-26.348	PASS
			2483.50	-50.660	-21.0	-29.660	PASS
			2400.00	-46.307	-20.24	-26.067	PASS
π/4DQPSK	2-DH5		2483.50	-49.877	-21.03	-28.847	PASS
			2400.00	-44.493	-20.01	-24.483	PASS
			2483.50	-50.467	-21.0	-29.467	PASS
			2400.00	-46.860	-21.8	-25.060	PASS
			2483.50	-50.665	-21.07	-29.595	PASS
		2400.00	-47.675	-21.13	-26.545	PASS	
		2483.50	-50.441	-23.21	-27.231	PASS	

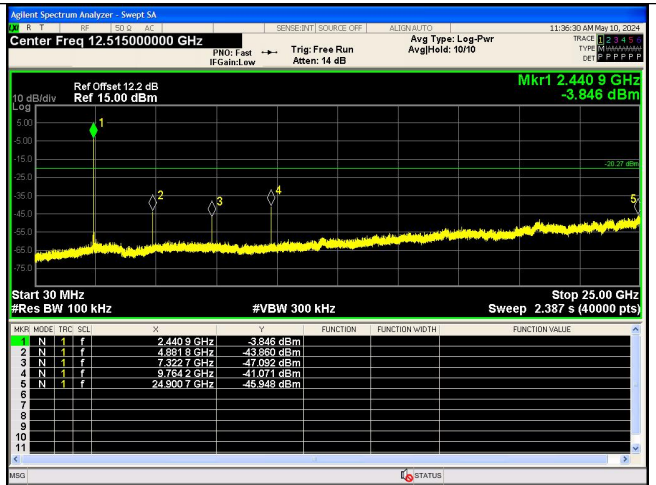
8DPSK	3-DH5	2400.00	-47.980	-19.91	-28.070	PASS
		2483.50	-51.122	-20.91	-30.212	PASS
		2395.77	-49.315	-19.7	-29.615	PASS
		2400.00	-49.623	-19.7	-29.923	PASS
		2483.50	-51.361	-20.54	-30.821	PASS
		2400.00	-47.675	-20.14	-27.535	PASS
		2483.50	-50.683	-20.36	-30.323	PASS

Test Graphs

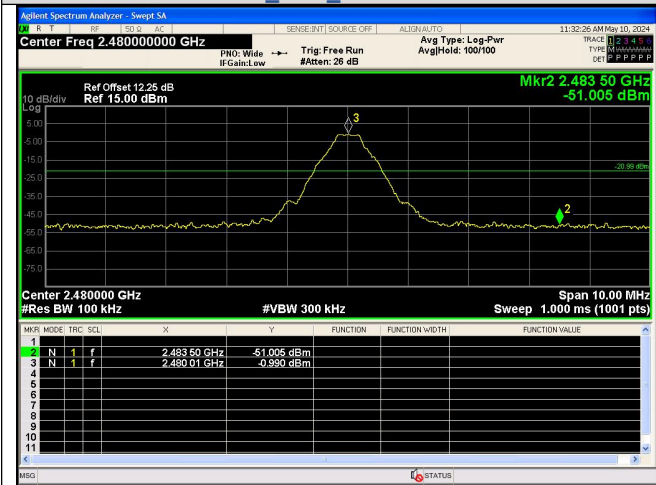




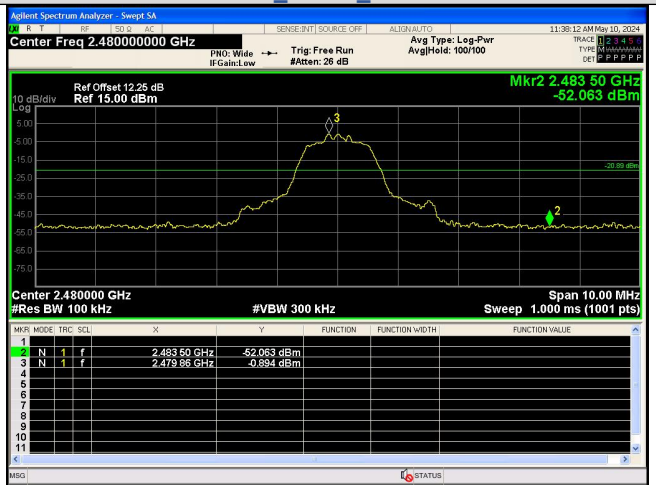
Spurious Emissions
GFSK_DH5_Channel 39



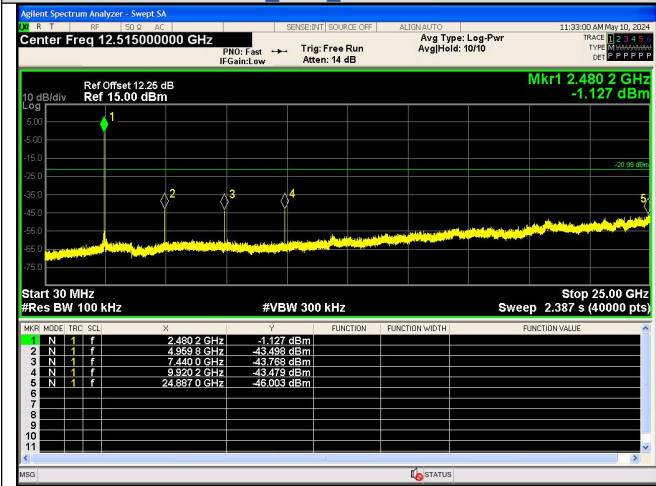
Spurious Emissions
 $\pi/4$ DQPSK_2-DH5_Channel 39



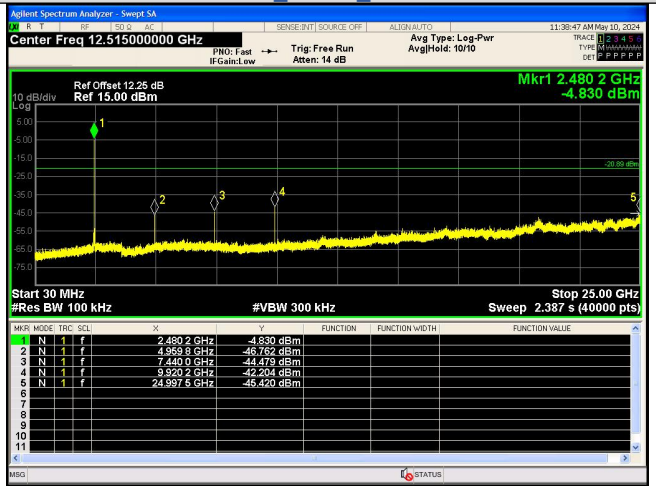
Out Of Band Emission
GFSK_DH5_Channel 78



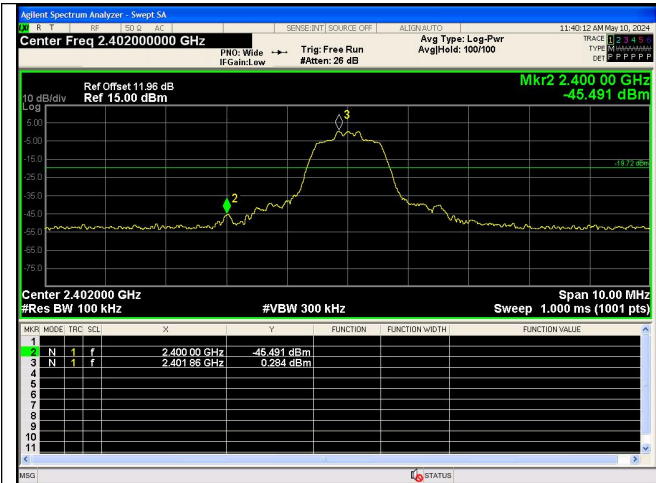
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78



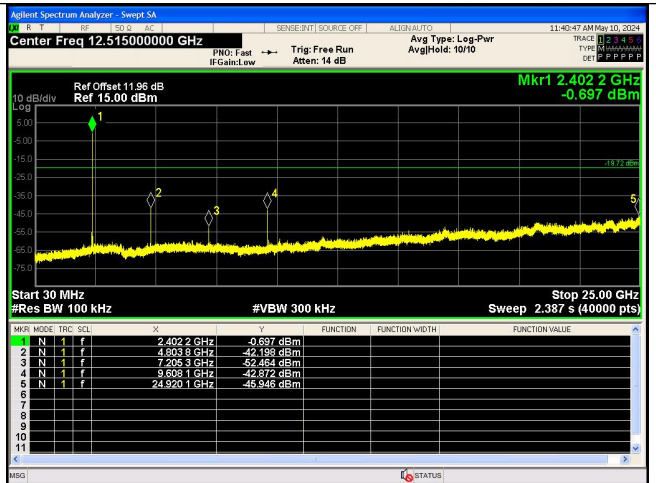
Spurious Emission
GFSK_DH5_Channel 78



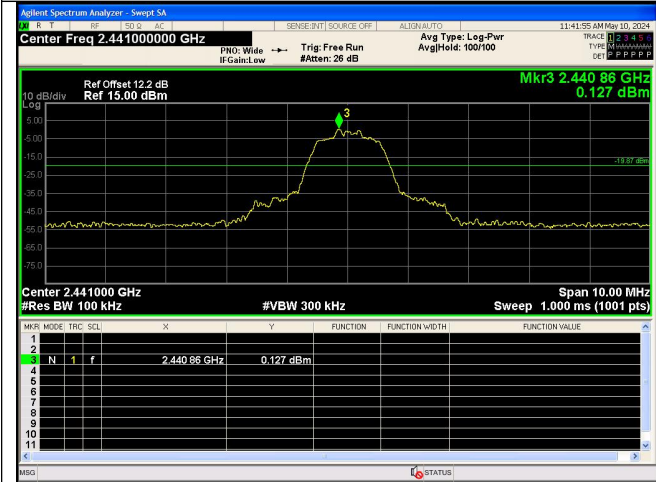
Spurious Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78



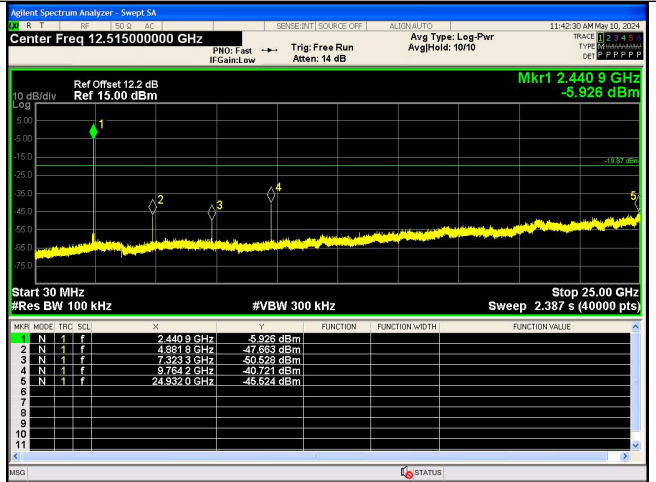
Out Of Band Emission
8DPSK_3-DH5_Channel 0



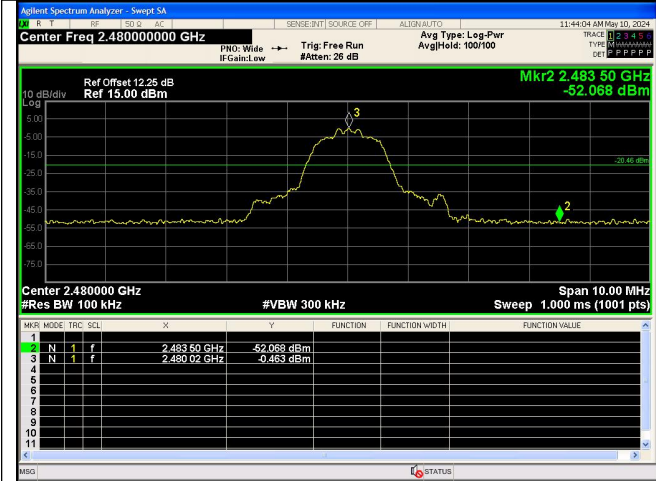
Spurious Emission
8DPSK_3-DH5_Channel 0



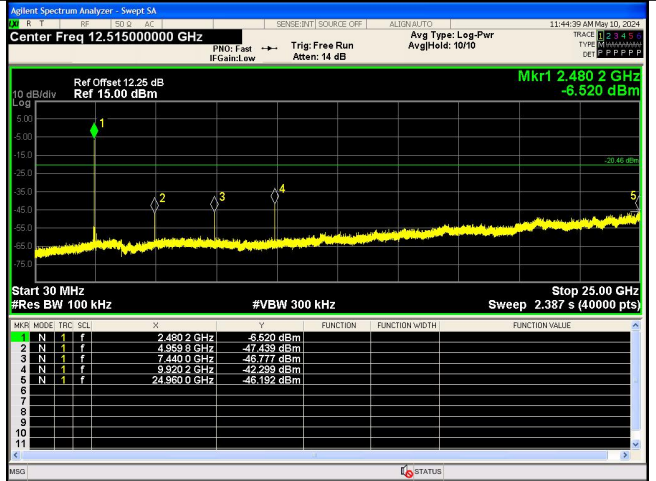
Out Of Band Emission
8DPSK_3-DH5_Channel 39



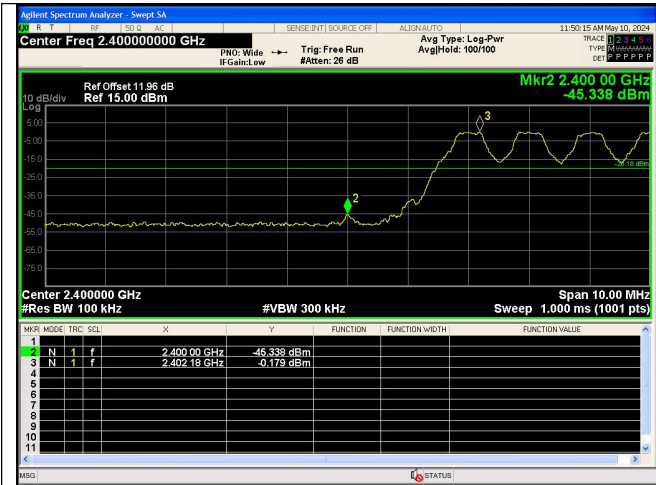
Spurious Emissions
8DPSK_3-DH5_Channel 39



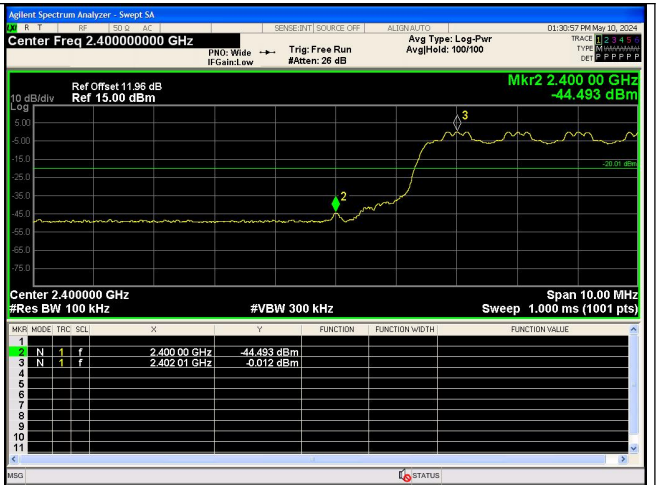
Out Of Band Emission
8DPSK_3-DH5_Channel 78



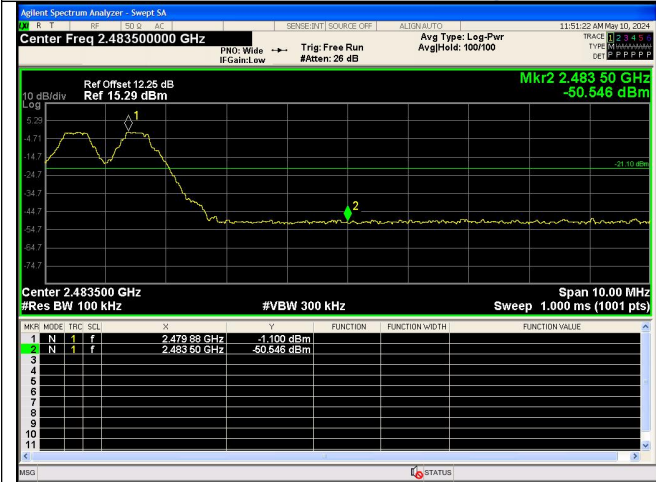
Spurious Emission
8DPSK_3-DH5_Channel 78



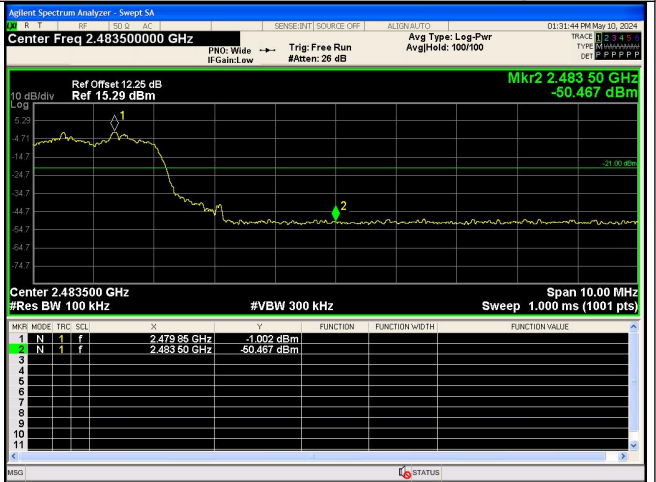
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



Out Of Band Emission(Right)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping