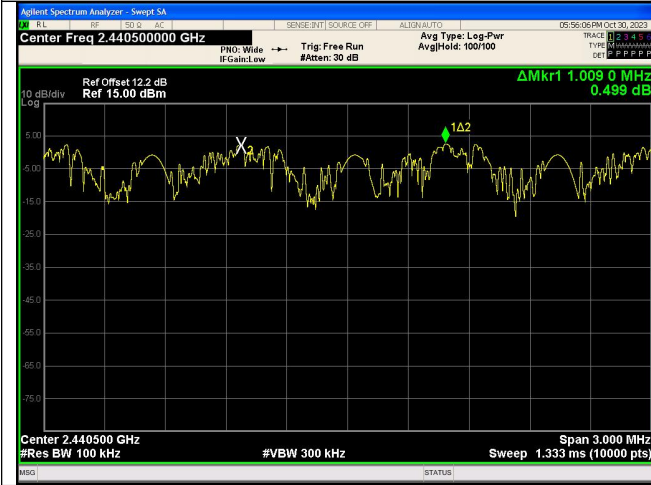




$\pi/4$ DQPSK



$\pi/4$ DQPSK



8DPSK



8DPSK



8DPSK

Void

APPENDIX V. Conducted Out Of Band Emission

Test Result

Non-Hopping

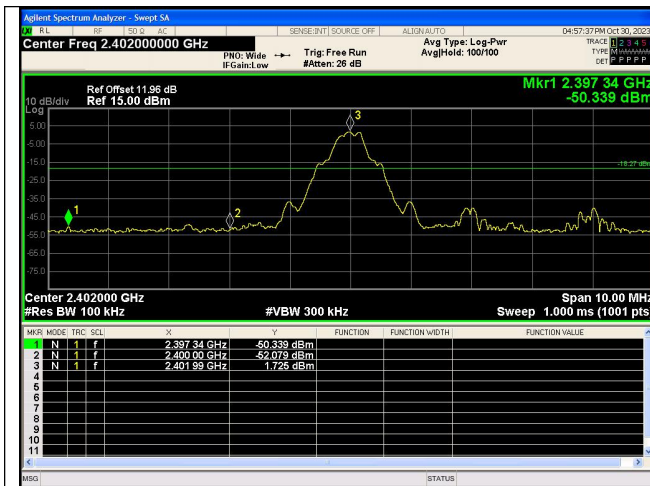
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-52.079	-18.27	-33.809	PASS
			2397.34	-50.339	-18.27	-32.069	PASS
			4803.80	-55.789	-18.27	-37.519	PASS
			7205.30	-61.830	-18.27	-43.560	PASS
			9608.10	-63.705	-18.27	-45.434	PASS
			24938.2	-46.215	-18.27	-27.945	PASS
		39	4881.79	-55.529	-17.23	-38.299	PASS
			7322.67	-62.889	-17.23	-45.659	PASS
			9764.80	-63.317	-17.23	-46.087	PASS
			24897.0	-45.607	-17.23	-28.377	PASS
		78	2483.50	-51.537	-17.77	-33.767	PASS
			4959.83	-55.919	-17.77	-38.149	PASS
			7440.03	-62.035	-17.77	-44.265	PASS
			9919.62	-62.690	-17.77	-44.920	PASS
			24965.7	-45.056	-17.77	-27.286	PASS
$\pi/4$ DQPSK	2-DH5	0	2400.00	-50.755	-18.22	-32.535	PASS
			2398.93	-50.558	-18.22	-32.338	PASS
			4803.80	-55.044	-18.22	-36.824	PASS
			7205.90	-63.422	-18.22	-45.203	PASS
			9607.50	-64.959	-18.22	-46.739	PASS
			24917.0	-44.686	-18.22	-26.466	PASS
		39	4881.79	-55.564	-17.4	-38.164	PASS
			7322.67	-61.548	-17.4	-44.148	PASS
			9764.17	-63.223	-17.4	-45.823	PASS
			24904.5	-45.531	-17.4	-28.131	PASS
		78	2483.50	-52.202	-17.46	-34.742	PASS
			4959.83	-55.736	-17.46	-38.276	PASS
			7439.41	-61.415	-17.46	-43.955	PASS
			9919.62	-63.518	-17.46	-46.058	PASS
			24924.5	-46.161	-17.46	-28.701	PASS
8DPSK	3-DH5	0	2400.00	-51.406	-18.18	-33.226	PASS
			2398.92	-49.910	-18.18	-31.730	PASS
			4803.80	-57.507	-18.18	-39.327	PASS
			7205.90	-62.913	-18.18	-44.733	PASS
			9608.70	-65.007	-18.18	-46.827	PASS

			24912.6	-46.023	-18.18	-27.843	PASS
			4881.79	-56.820	-17.78	-39.040	PASS
		39	7323.30	-63.041	-17.78	-45.261	PASS
			9763.55	-62.714	-17.78	-44.934	PASS
			24965.7	-46.239	-17.78	-28.459	PASS
			2483.50	-50.978	-18.08	-32.898	PASS
		78	4959.83	-58.239	-18.08	-40.159	PASS
			7440.03	-62.739	-18.08	-44.659	PASS
			9920.86	-62.812	-18.08	-44.732	PASS
			24927.6	-45.574	-18.08	-27.494	PASS

Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2395.87	-49.551	-18.25	-31.301	PASS
			2400.00	-50.358	-18.25	-32.108	PASS
			2483.50	-51.088	-17.73	-33.358	PASS
			2396.00	-50.029	-18.25	-31.779	PASS
			2400.00	-51.376	-18.25	-33.126	PASS
			2483.50	-49.157	-17.75	-31.407	PASS
			2397.72	-50.113	-18.42	-31.693	PASS
			2400.00	-52.548	-18.42	-34.128	PASS
			2483.50	-50.987	-17.61	-33.377	PASS
π/4DQPSK	2-DH5		2395.93	-49.942	-18.22	-31.722	PASS
			2400.00	-50.915	-18.22	-32.695	PASS
			2483.50	-50.941	-17.77	-33.171	PASS
			2398.13	-50.475	-18.5	-31.975	PASS
			2400.00	-51.288	-18.5	-32.788	PASS
			2483.50	-50.502	-17.55	-32.952	PASS
			2398.21	-48.890	-18.57	-30.320	PASS
			2400.00	-50.676	-18.57	-32.106	PASS
			2483.50	-50.077	-17.97	-32.107	PASS
8DPSK	3-DH5		2398.68	-49.855	-18.54	-31.315	PASS
			2400.00	-51.422	-18.54	-32.882	PASS
			2483.50	-50.564	-18.12	-32.444	PASS
			2398.44	-49.690	-19.71	-29.980	PASS
			2400.00	-50.499	-19.71	-30.789	PASS
			2483.50	-51.405	-19.15	-32.255	PASS
			2396.13	-50.328	-18.71	-31.618	PASS
			2400.00	-51.072	-18.71	-32.362	PASS
			2483.50	-50.922	-17.62	-33.302	PASS

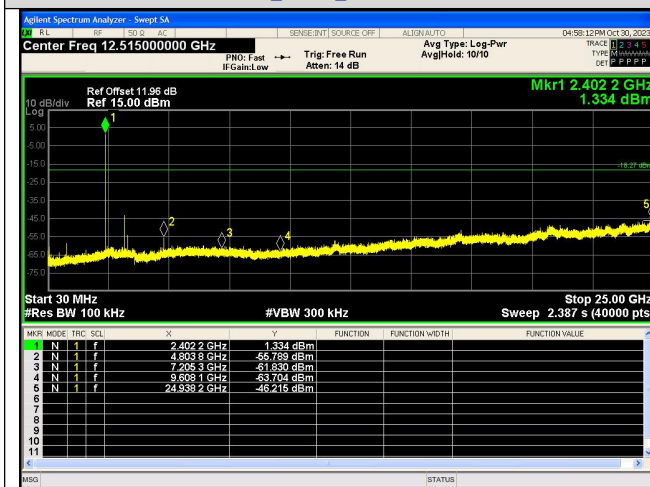
Test Graphs



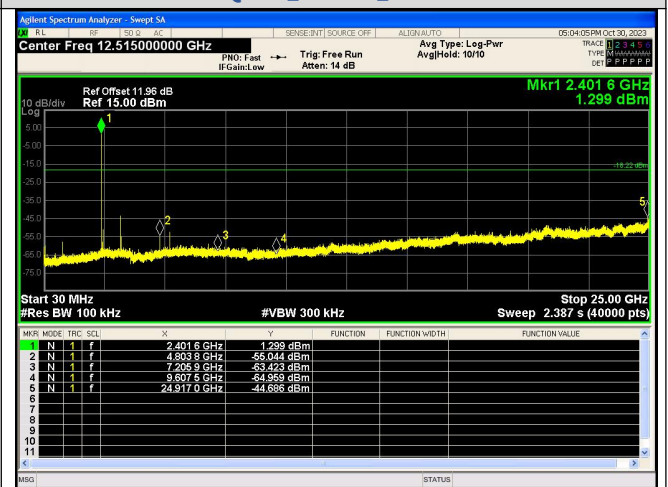
Out Of Band Emission
GFSK_DH5_Channel 0



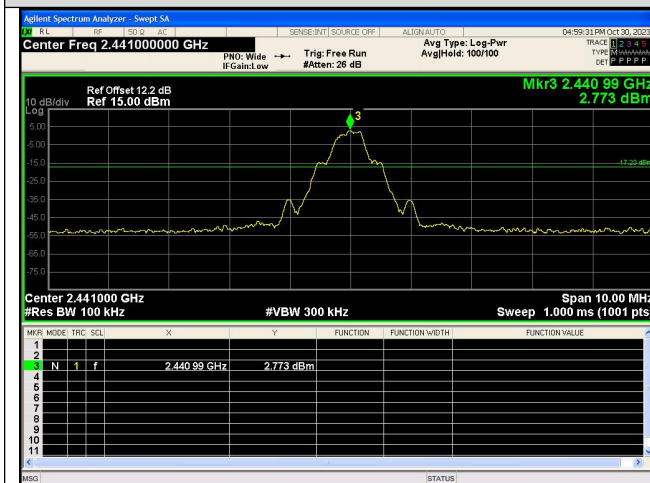
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 0



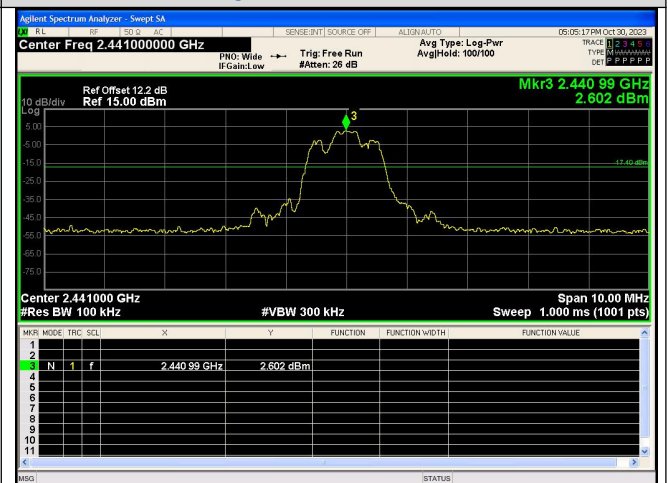
Spurious Emission
GFSK_DH5_Channel 0



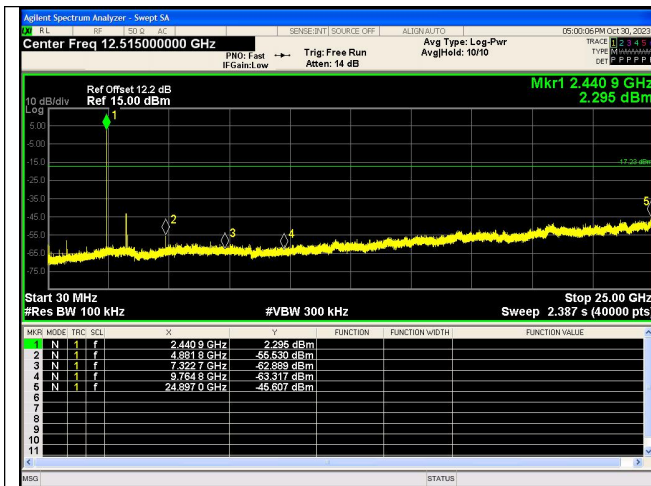
Spurious Emission
 $\pi/4$ DQPSK_2-DH5_Channel 0



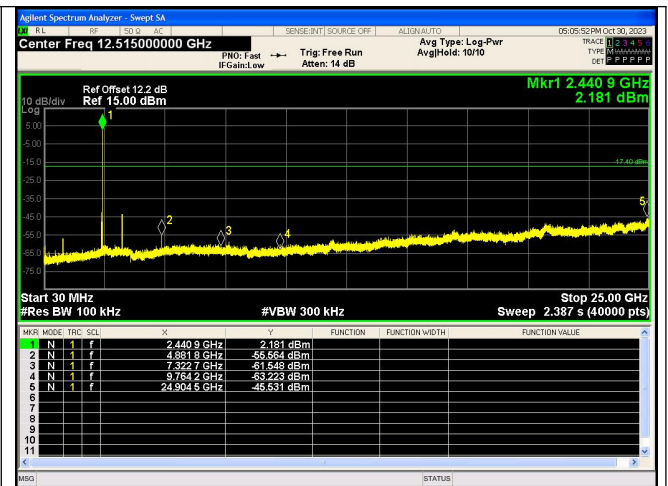
Out Of Band Emission
GFSK_DH5_Channel 39



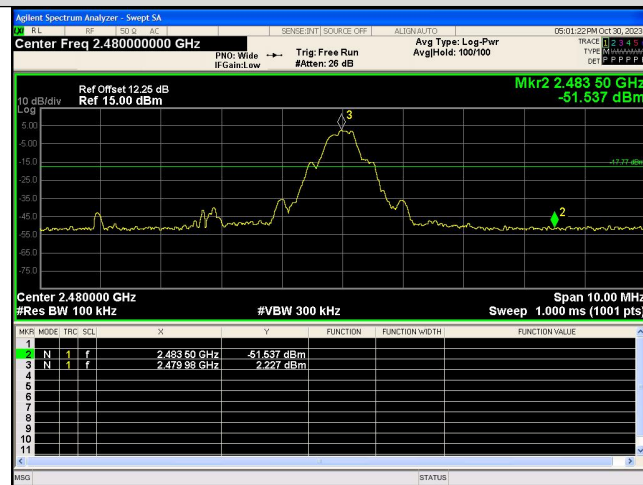
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 39



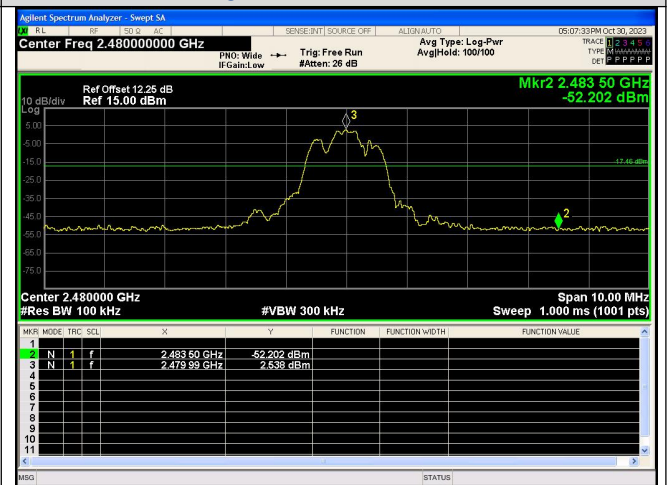
Spurious Emissions
GFSK_DH5_Channel 39



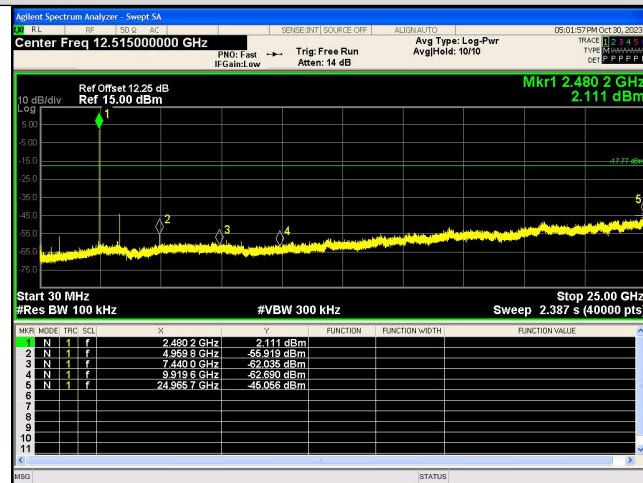
Spurious Emissions
 $\pi/4$ DQPSK_2-DH5_Channel 39



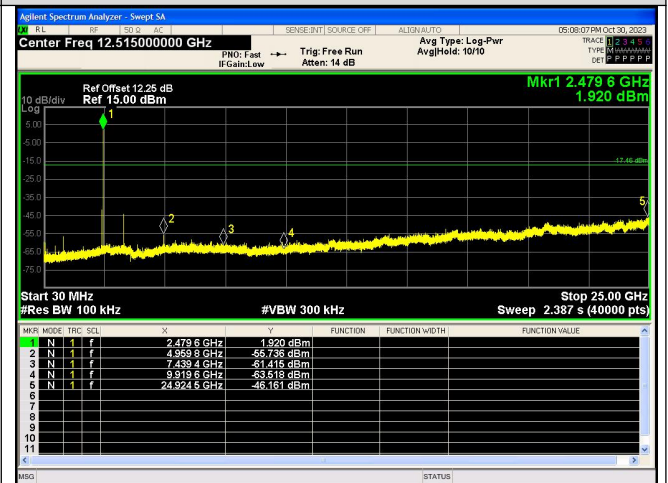
Out Of Band Emission
GFSK_DH5_Channel 78



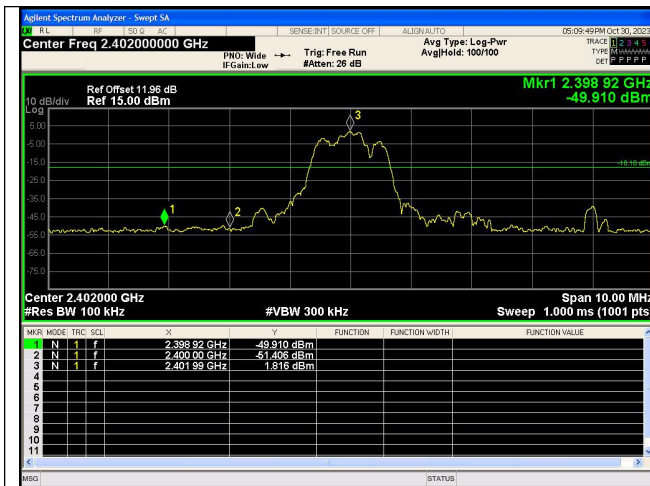
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78



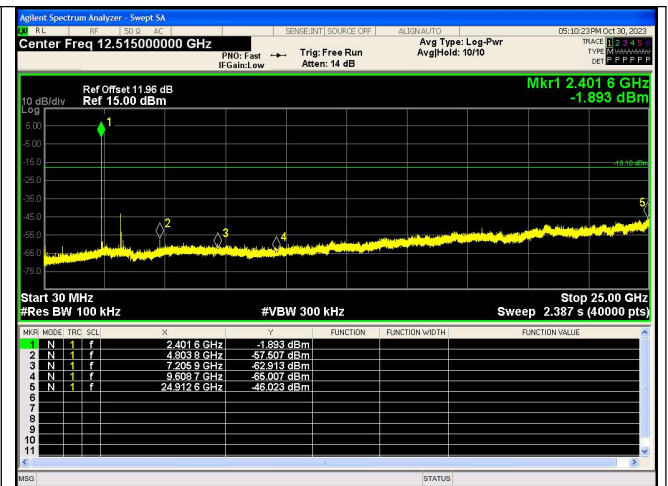
Spurious Emission
GFSK_DH5_Channel 78



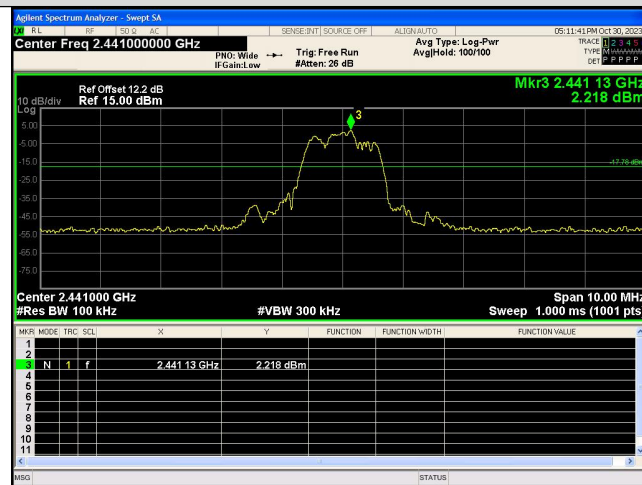
Spurious Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78



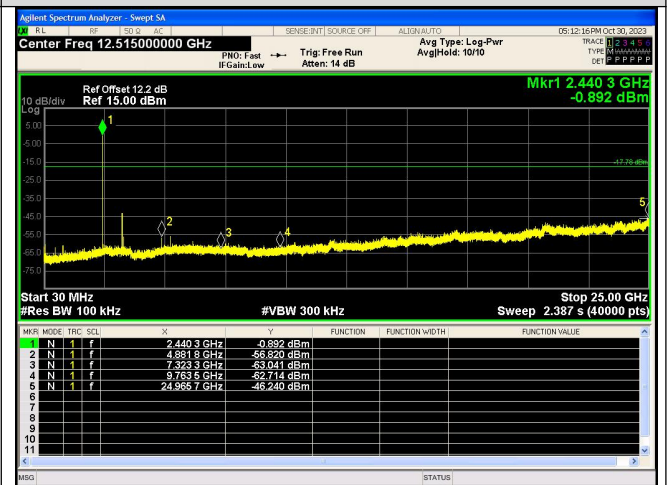
Out Of Band Emission
8DPSK_3-DH5_Channel 0



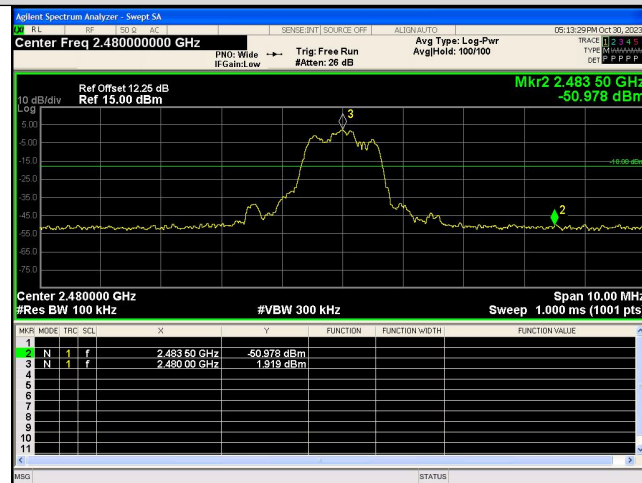
Spurious Emission
8DPSK_3-DH5_Channel 0



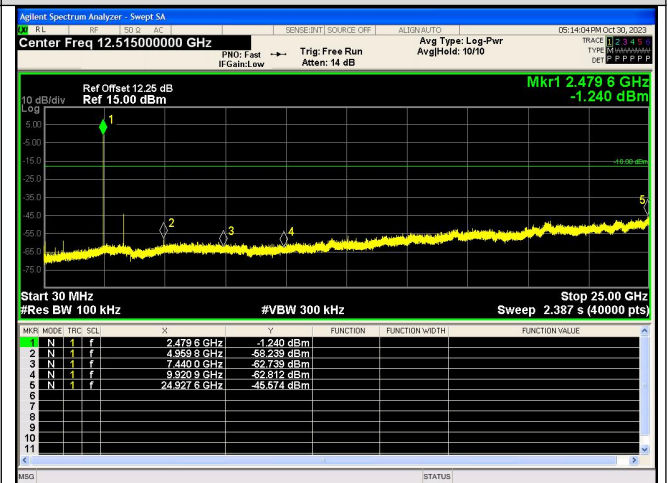
Out Of Band Emission
8DPSK_3-DH5_Channel 39



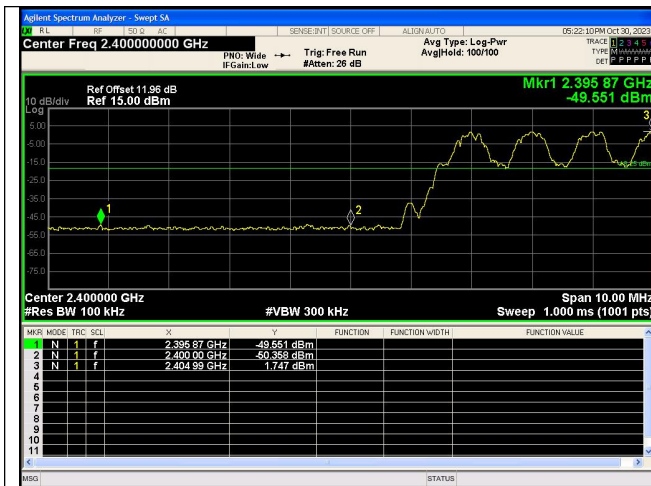
Spurious Emissions
8DPSK_3-DH5_Channel 39



Out Of Band Emission
8DPSK_3-DH5_Channel 78



Spurious Emission
8DPSK_3-DH5_Channel 78



Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



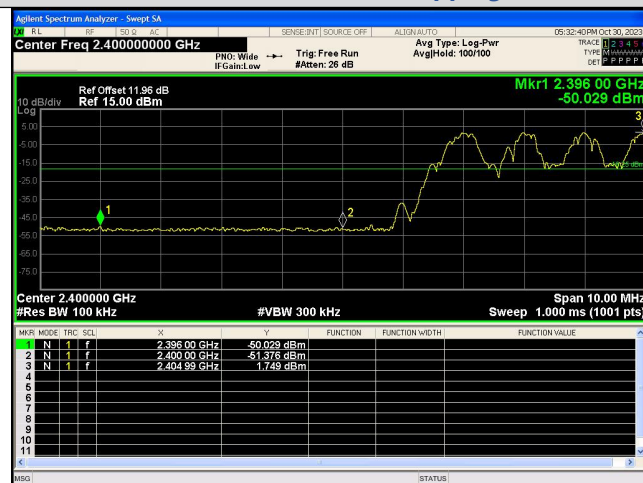
Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



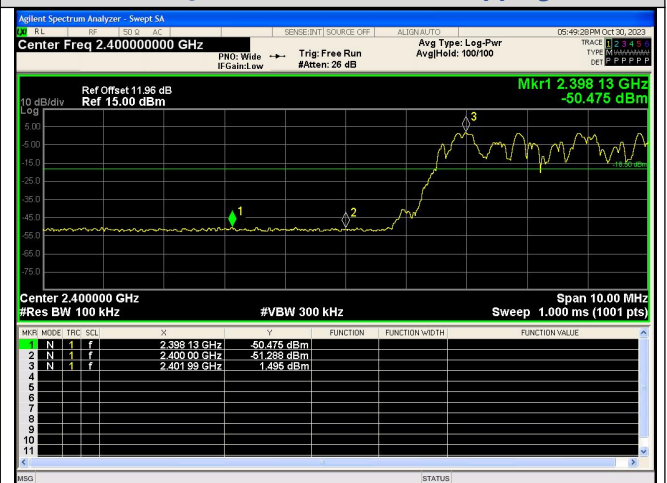
Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



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