

APPENDIX V. Conducted Out Of Band Emission

Test Result

Non-Hopping

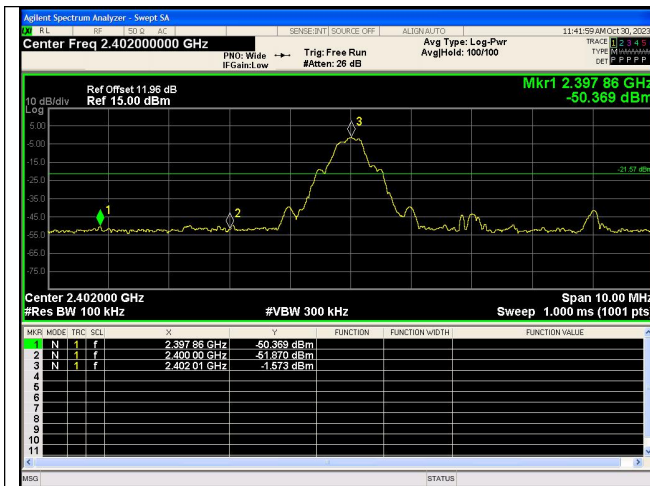
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-51.870	-21.57	-30.300	PASS
			2397.86	-50.369	-21.57	-28.799	PASS
			4803.80	-58.571	-21.57	-37.001	PASS
			7206.60	-63.235	-21.57	-41.665	PASS
			9608.70	-64.285	-21.57	-42.715	PASS
			24926.3	-44.745	-21.57	-23.175	PASS
		39	4881.79	-60.640	-20.59	-40.050	PASS
			7322.05	-62.457	-20.59	-41.867	PASS
			9763.55	-63.904	-20.59	-43.314	PASS
			24868.3	-45.406	-20.59	-24.816	PASS
		78	2483.50	-51.637	-20.48	-31.157	PASS
			4959.83	-59.830	-20.48	-39.350	PASS
			7439.41	-61.401	-20.48	-40.921	PASS
			9920.24	-64.822	-20.48	-44.341	PASS
			24928.8	-46.279	-20.48	-25.799	PASS
$\pi/4$ DQPSK	2-DH5	0	2400.00	-52.453	-21.39	-31.063	PASS
			2397.28	-50.257	-21.39	-28.867	PASS
			4803.80	-59.250	-21.39	-37.860	PASS
			7205.90	-61.878	-21.39	-40.488	PASS
			9607.50	-62.897	-21.39	-41.507	PASS
			24862.0	-45.570	-21.39	-24.180	PASS
		39	4881.79	-57.543	-20.26	-37.283	PASS
			7323.92	-61.984	-20.26	-41.724	PASS
			9764.80	-63.816	-20.26	-43.556	PASS
			24991.9	-45.921	-20.26	-25.661	PASS
		78	2483.50	-50.638	-20.69	-29.948	PASS
			4959.83	-60.319	-20.69	-39.629	PASS
			7440.66	-63.089	-20.69	-42.399	PASS
			9920.24	-63.929	-20.69	-43.239	PASS
			24961.9	-46.275	-20.69	-25.585	PASS
8DPSK	3-DH5	0	2400.00	-52.092	-21.58	-30.512	PASS
			2398.89	-50.041	-21.58	-28.462	PASS
			4803.80	-60.510	-21.58	-38.930	PASS
			7205.90	-61.763	-21.58	-40.183	PASS
			9608.70	-64.298	-21.58	-42.718	PASS

			24928.2	-45.198	-21.58	-23.618	PASS
		39	4881.79	-61.159	-20.87	-40.289	PASS
			7322.67	-63.202	-20.87	-42.332	PASS
			9764.17	-63.167	-20.87	-42.297	PASS
			24942.6	-45.664	-20.87	-24.794	PASS
		78	2483.50	-50.720	-20.55	-30.170	PASS
			4959.83	-60.883	-20.55	-40.333	PASS
			7440.03	-62.875	-20.55	-42.325	PASS
			9920.24	-63.501	-20.55	-42.951	PASS
			24928.8	-45.125	-20.55	-24.575	PASS

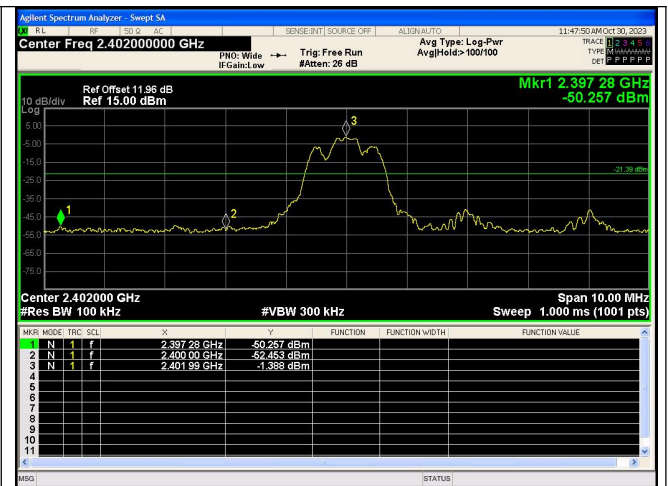
Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2395.10	-49.313	-21.68	-27.633	PASS
			2400.00	-50.845	-21.68	-29.165	PASS
			2483.50	-50.548	-20.81	-29.738	PASS
			2396.91	-49.543	-21.72	-27.823	PASS
			2400.00	-51.756	-21.72	-30.036	PASS
			2483.50	-50.649	-20.98	-29.669	PASS
			2395.42	-49.189	-21.68	-27.509	PASS
			2400.00	-52.362	-21.68	-30.682	PASS
			2483.50	-51.453	-20.98	-30.473	PASS
π/4DQPSK	2-DH5		2398.56	-49.385	-21.83	-27.555	PASS
			2400.00	-51.847	-21.83	-30.017	PASS
			2483.50	-50.593	-21.12	-29.473	PASS
			2396.83	-49.610	-21.46	-28.150	PASS
			2400.00	-51.905	-21.46	-30.445	PASS
			2483.50	-51.108	-21.13	-29.978	PASS
			2398.97	-49.426	-21.76	-27.666	PASS
			2400.00	-51.990	-21.76	-30.230	PASS
			2483.50	-49.736	-21.13	-28.606	PASS
8DPSK	3-DH5		2398.50	-50.029	-21.53	-28.499	PASS
			2400.00	-51.557	-21.53	-30.027	PASS
			2483.50	-51.426	-21.25	-30.176	PASS
			2396.55	-50.089	-22.07	-28.019	PASS
			2400.00	-51.737	-22.07	-29.667	PASS
			2483.50	-50.776	-21.25	-29.526	PASS
			2395.64	-49.789	-21.92	-27.869	PASS
			2400.00	-51.154	-21.92	-29.234	PASS
			2483.50	-51.422	-21.05	-30.372	PASS

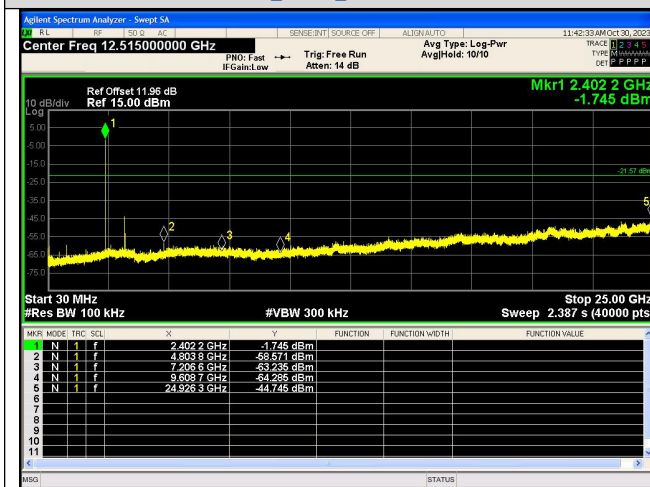
Test Graphs



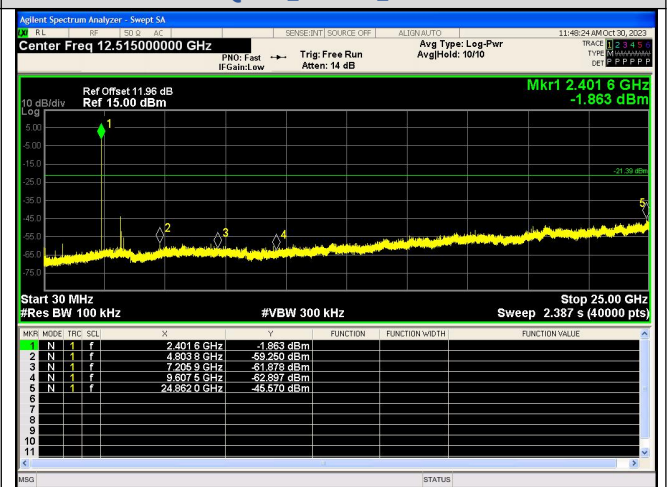
Out Of Band Emission
GFSK_DH5_Channel 0



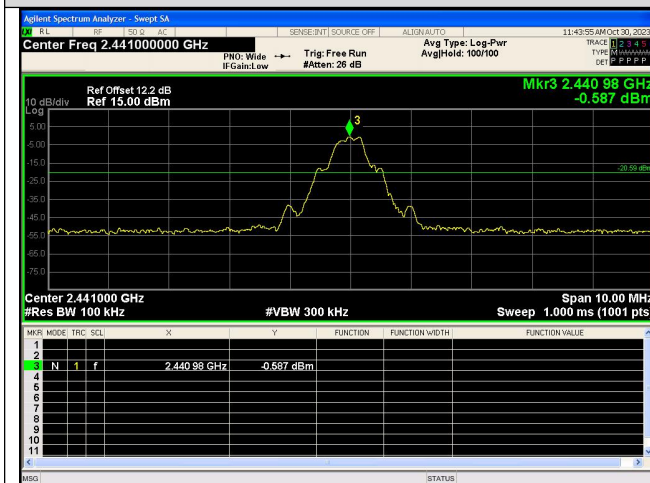
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 0



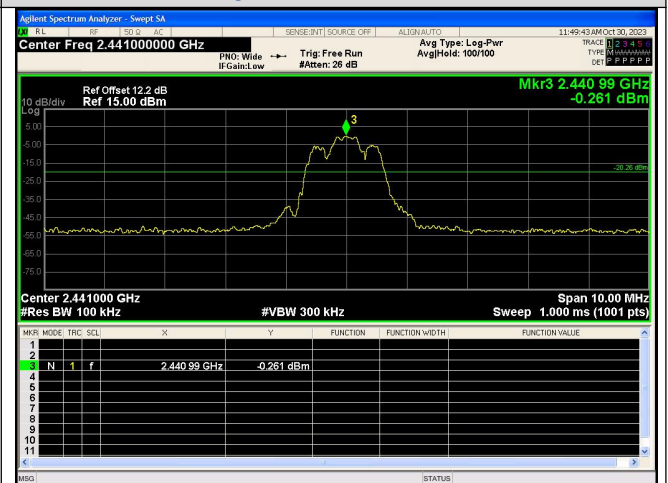
Spurious Emission
GFSK_DH5_Channel 0



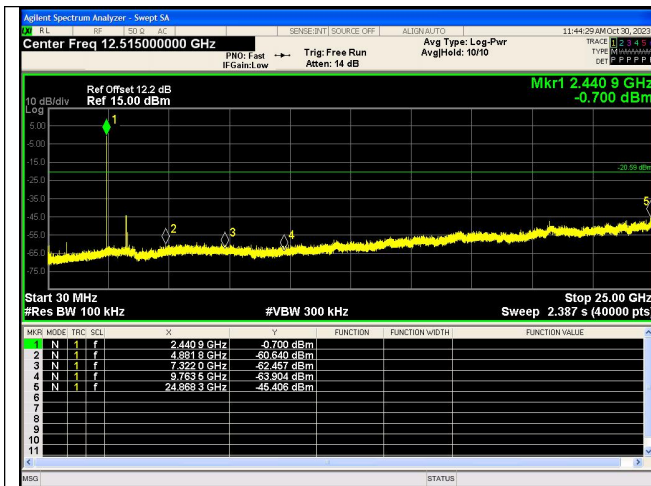
Spurious Emission
 $\pi/4$ DQPSK_2-DH5_Channel 0



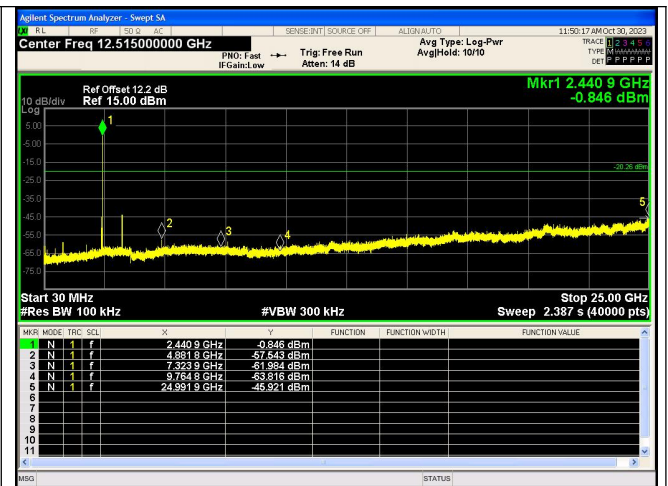
Out Of Band Emission
GFSK_DH5_Channel 39



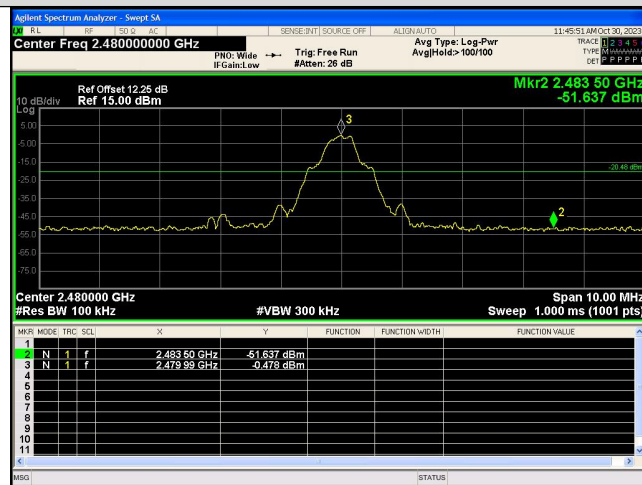
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 39



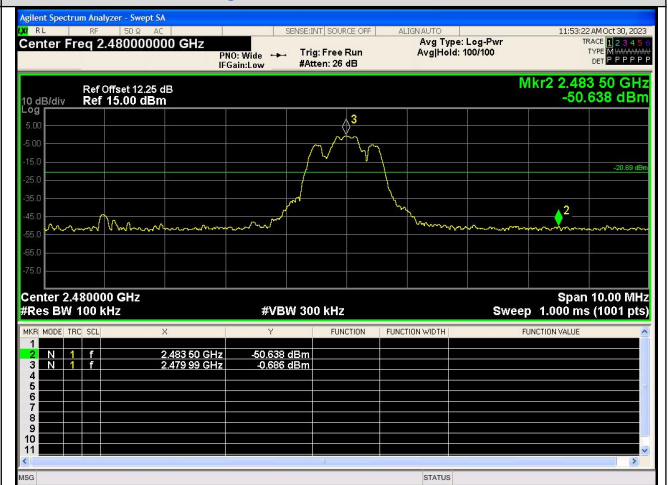
Spurious Emissions
GFSK_DH5_Channel 39



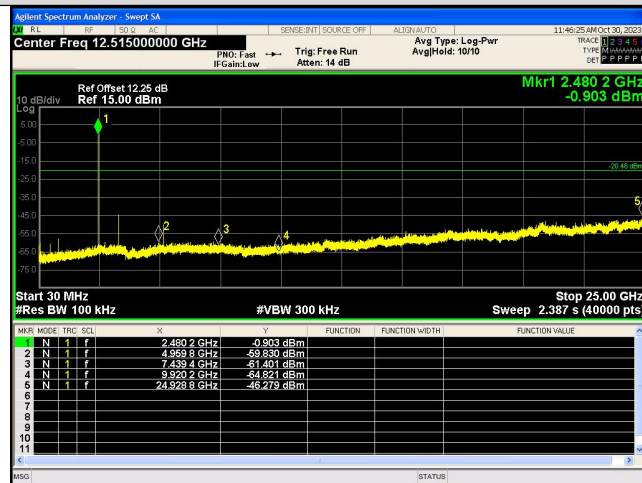
Spurious Emissions
 $\pi/4$ DQPSK_2-DH5_Channel 39



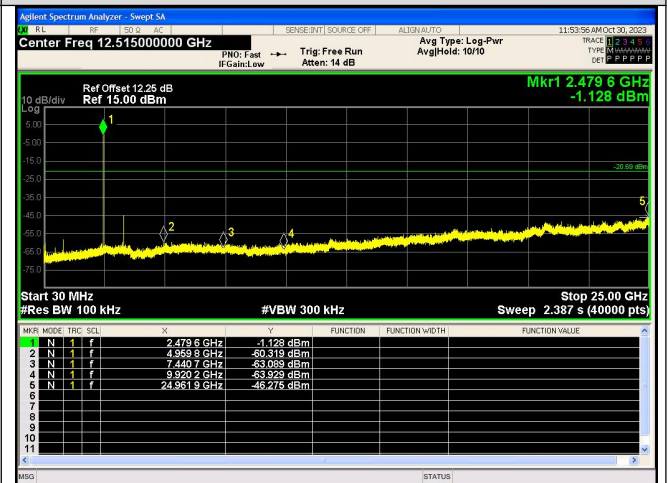
Out Of Band Emission
GFSK_DH5_Channel 78



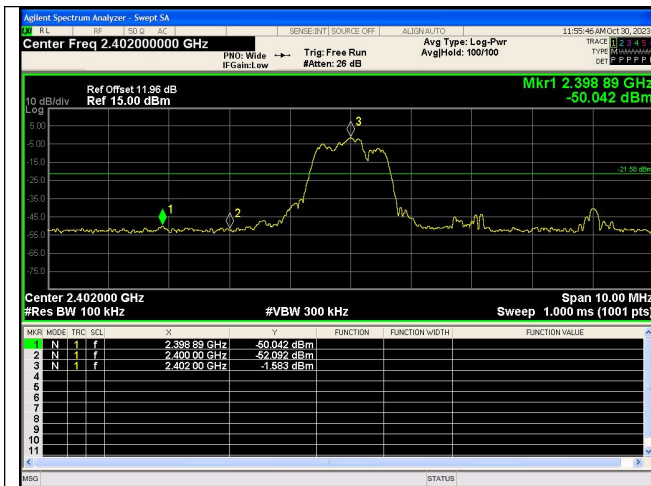
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78



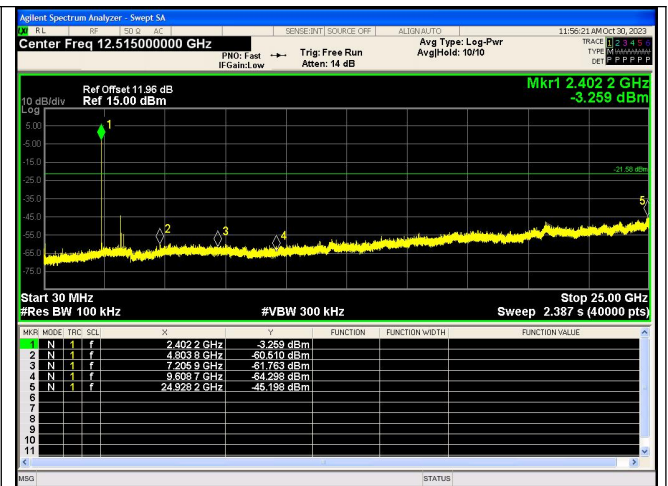
Spurious Emission
GFSK_DH5_Channel 78



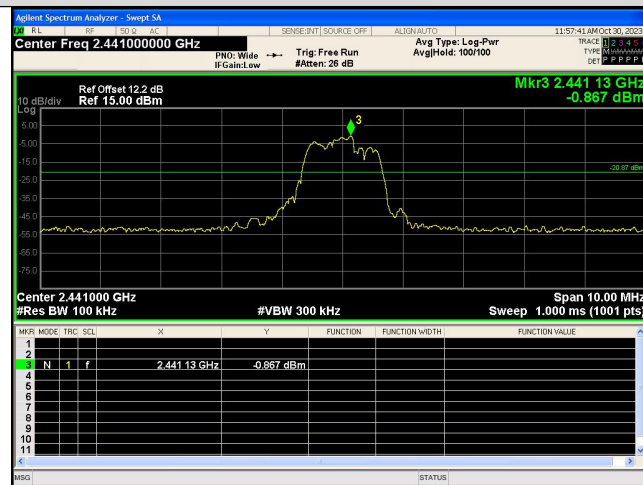
Spurious Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78



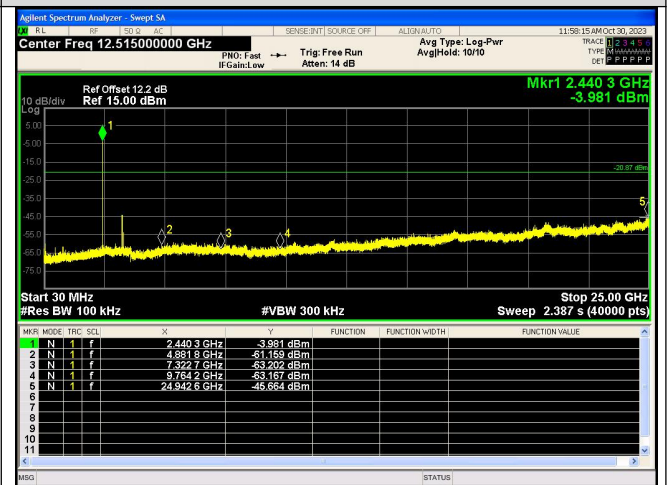
Out Of Band Emission
8DPSK_3-DH5_Channel 0



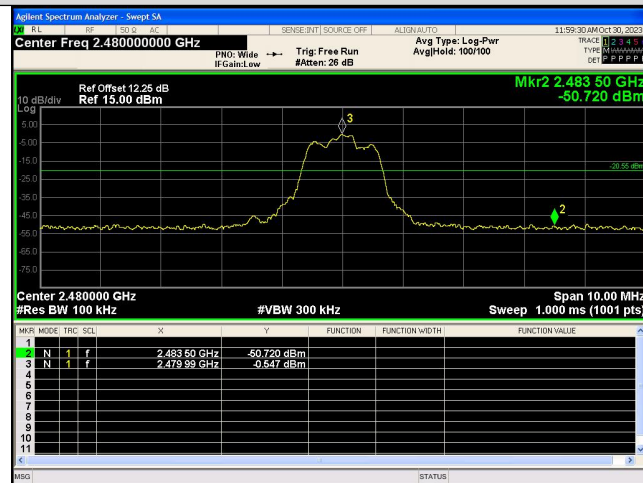
Spurious Emission
8DPSK_3-DH5_Channel 0



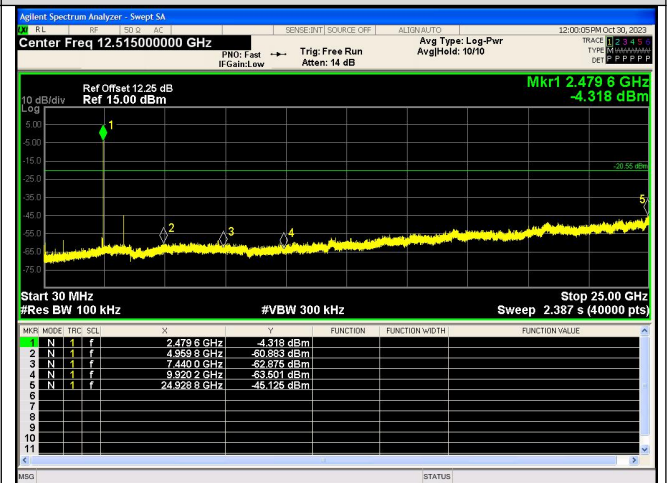
Out Of Band Emission
8DPSK_3-DH5_Channel 39



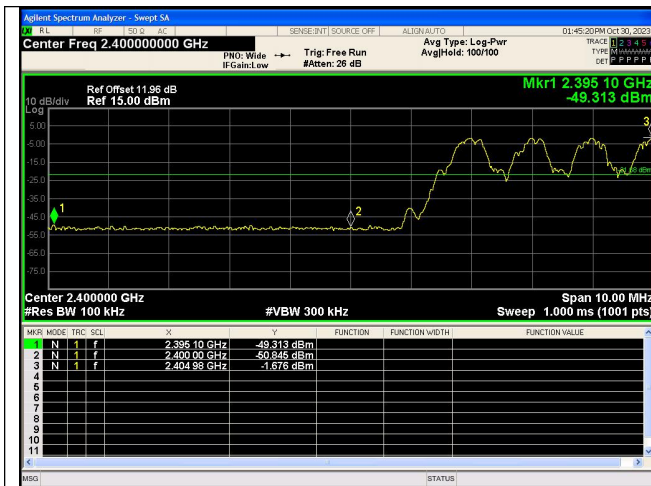
Spurious Emissions
8DPSK_3-DH5_Channel 39



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



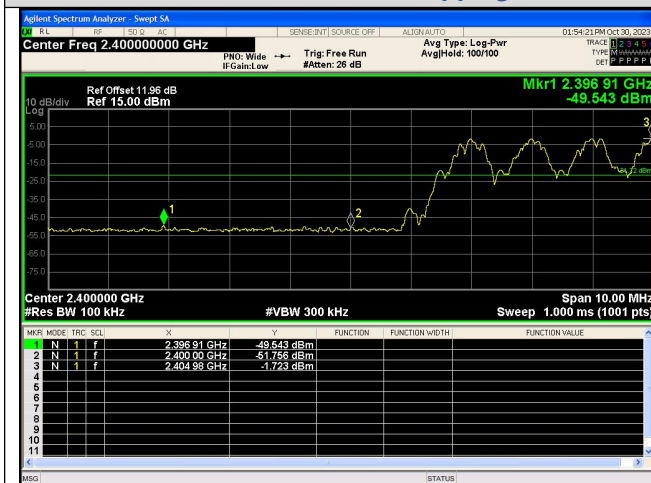
Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



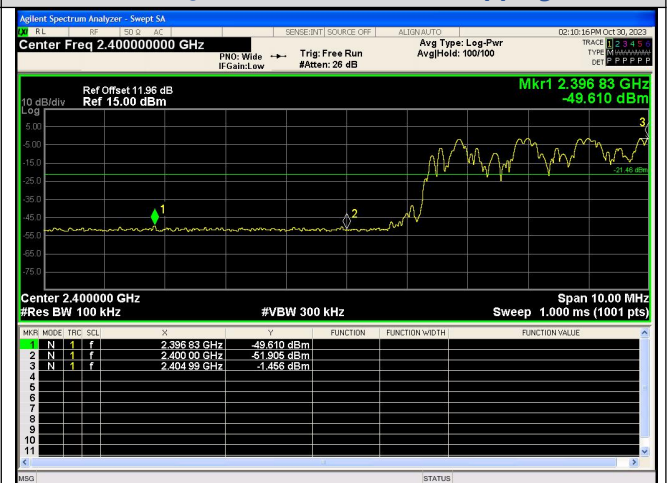
Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



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



Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



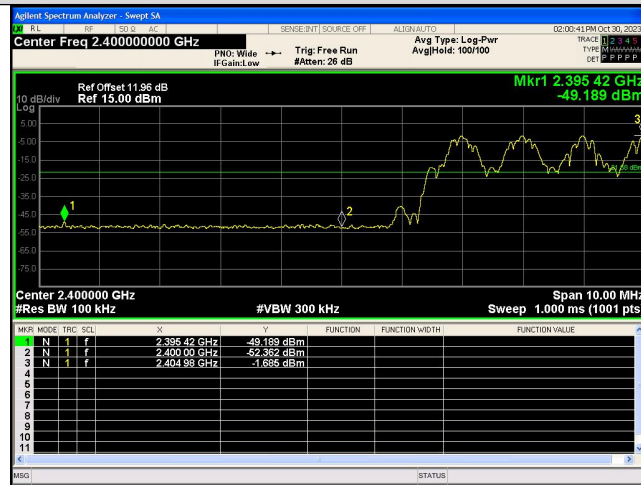
Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



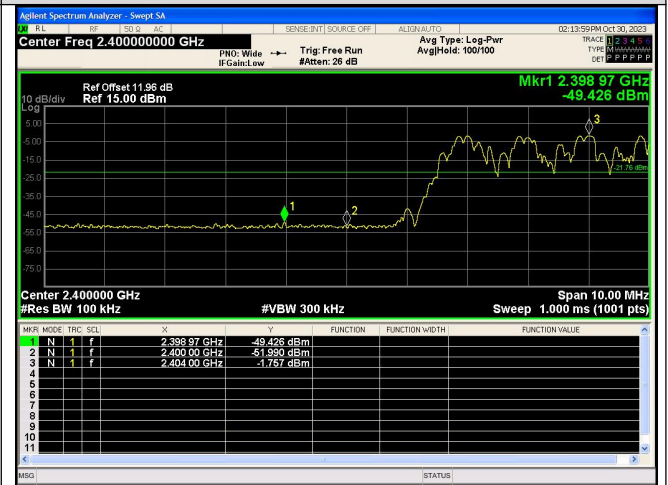
Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



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



Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



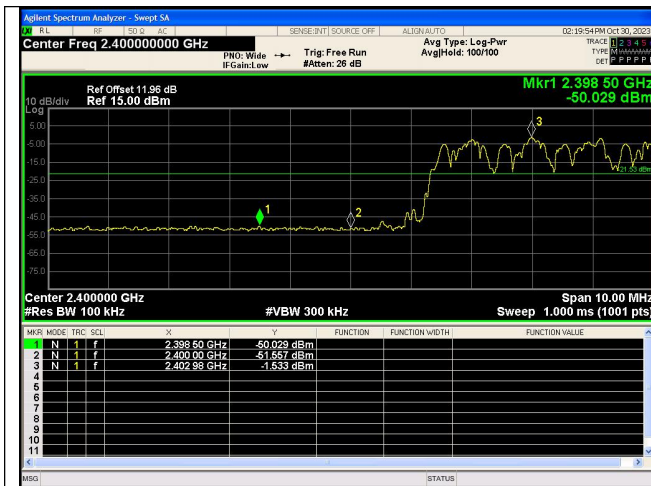
Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



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)
8DPSK_3-DH5_Channel Hopping



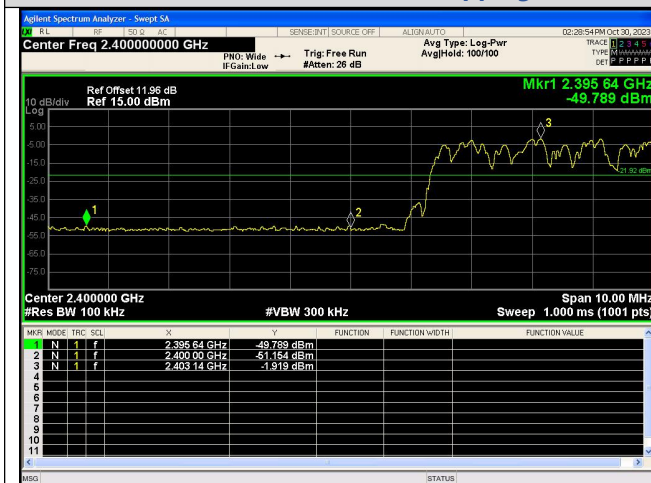
Out Of Band Emission(Right)
8DPSK_3-DH5_Channel Hopping



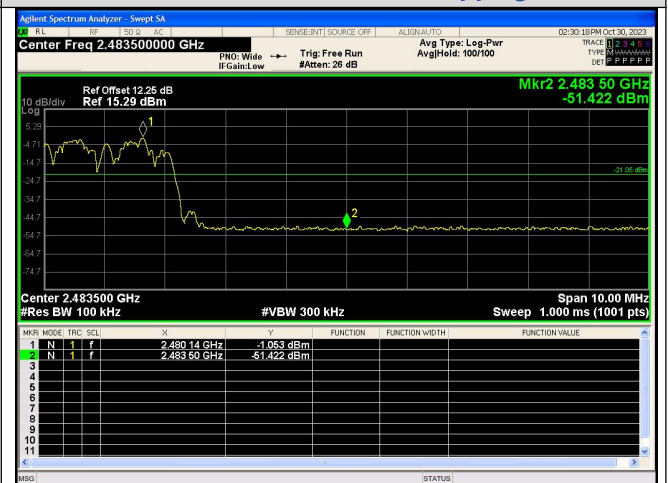
Out Of Band Emission(Left)
8DPSK_3-DH5_Channel Hopping



Out Of Band Emission(Right)
8DPSK_3-DH5_Channel Hopping



Out Of Band Emission(Left)
8DPSK_3-DH5_Channel Hopping



Out Of Band Emission(Right)
8DPSK_3-DH5_Channel Hopping