



π/4DQPSK



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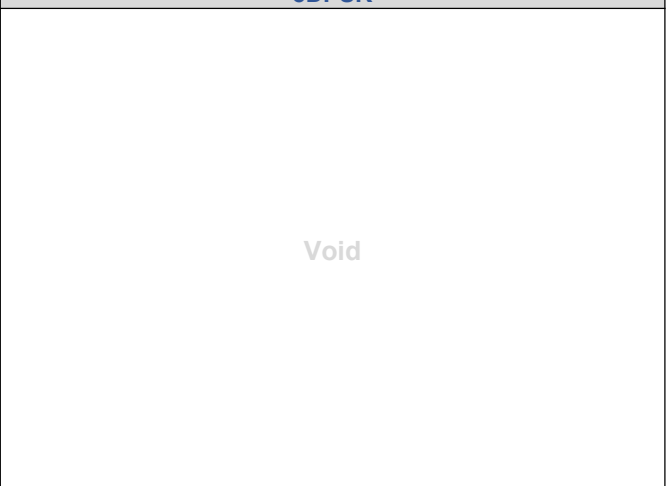
8DPSK



8DPSK



8DPSK



APPENDIX V. Conducted Out Of Band Emission

Test Result
Non-Hopping

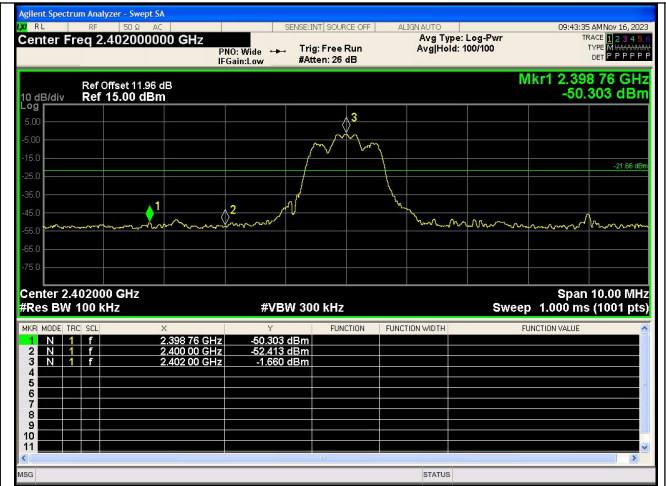
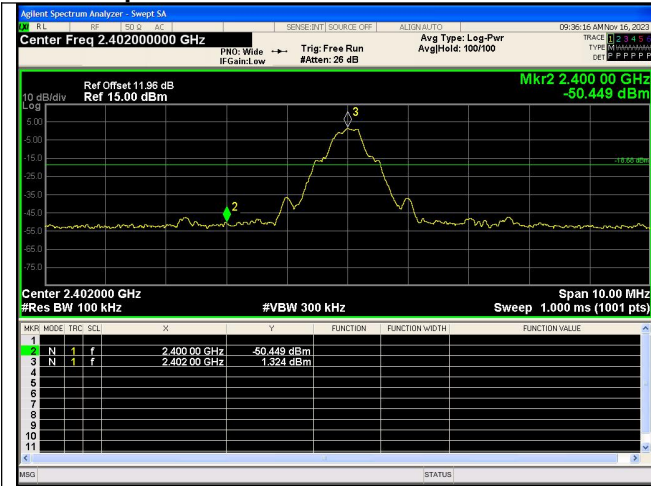
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-50.449	-18.68	-31.769	PASS
			4803.76	-61.442	-18.68	-42.762	PASS
			7206.56	-61.649	-18.68	-42.969	PASS
			9608.11	-63.801	-18.68	-45.121	PASS
			24954.4	-45.900	-18.68	-27.220	PASS
		39	4881.79	-60.771	-16.93	-43.841	PASS
			7322.05	-62.698	-16.93	-45.768	PASS
			9764.80	-62.722	-16.93	-45.792	PASS
			24993.8	-45.792	-16.93	-28.862	PASS
		78	2483.50	-52.372	-17.16	-35.212	PASS
			4959.83	-61.449	-17.16	-44.289	PASS
			7440.66	-63.628	-17.16	-46.468	PASS
			9920.24	-63.738	-17.16	-46.578	PASS
			24946.9	-44.095	-17.16	-26.935	PASS
		$\pi/4$ DQPSK	2-DH5	0	2400.00	-52.413	-21.66
2398.76	-50.303				-21.66	-28.643	PASS
4803.80	-62.892				-21.66	-41.232	PASS
7205.90	-62.877				-21.66	-41.217	PASS
9608.70	-62.831				-21.66	-41.171	PASS
39	24963.2			-45.440	-21.66	-23.780	PASS
	4881.79			-63.830	-20.21	-43.620	PASS
	7322.05			-62.718	-20.21	-42.508	PASS
	9764.17			-64.064	-20.21	-43.854	PASS
78	24922.0			-46.035	-20.21	-25.825	PASS
	2483.50			-51.952	-20.26	-31.692	PASS
	4959.20			-62.780	-20.26	-42.520	PASS
	7440.03			-62.196	-20.26	-41.936	PASS
	9920.24			-63.043	-20.26	-42.783	PASS
8DPSK	3-DH5			0	24892.0	-45.726	-20.26
		2400.00	-51.699		-21.63	-30.069	PASS
		2398.87	-49.380		-21.63	-27.750	PASS
		4803.10	-61.204		-21.63	-39.574	PASS
		7205.30	-63.219		-21.63	-41.589	PASS
		39	9608.70	-64.779	-21.63	-43.149	PASS
			24930.7	-46.279	-21.63	-24.649	PASS
			4881.79	-63.463	-20.18	-43.283	PASS
			7323.92	-62.893	-20.18	-42.713	PASS
		78	9764.17	-62.873	-20.18	-42.693	PASS
			24897.0	-44.558	-20.18	-24.378	PASS
			2483.50	-52.057	-20.29	-31.767	PASS
			4960.45	-61.416	-20.29	-41.126	PASS
			7440.03	-63.376	-20.29	-43.086	PASS
		9920.86	-63.774	-20.29	-43.484	PASS	
24985.6	-44.921	-20.29	-24.631	PASS			

Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2396.48	-49.267	-21.86	-27.407	PASS
			2400.00	-51.361	-21.86	-29.501	PASS
			2483.50	-51.112	-20.3	-30.812	PASS
			2397.86	-50.263	-21.78	-28.483	PASS
			2400.00	-51.467	-21.78	-29.687	PASS
			2483.50	-50.006	-20.34	-29.666	PASS
			2398.71	-49.146	-21.75	-27.396	PASS
			2400.00	-51.923	-21.75	-30.173	PASS

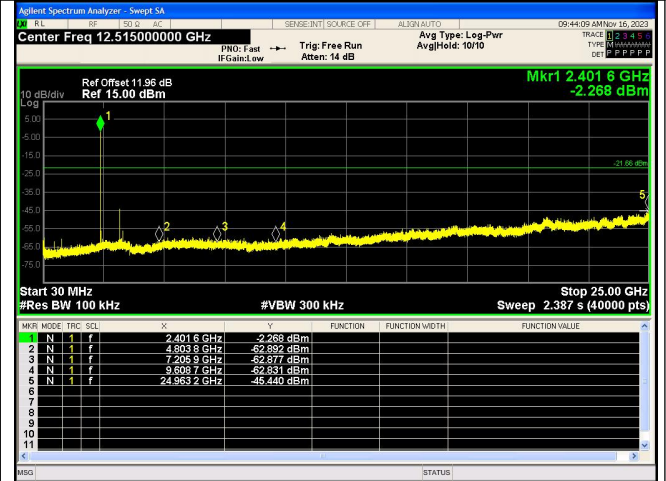
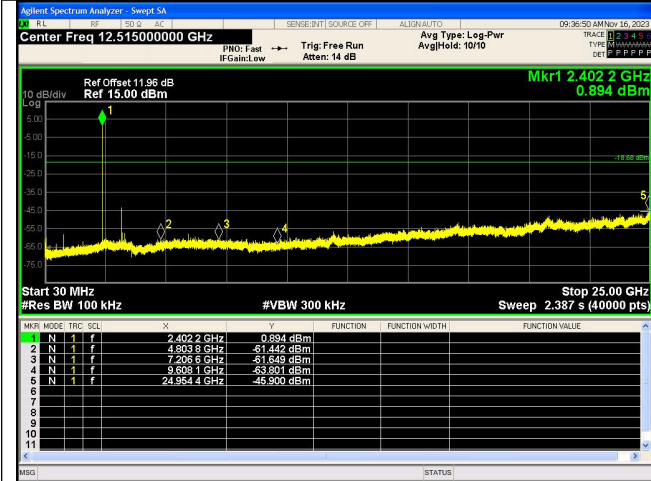
π/4DQPSK	2-DH5	2483.50	-51.478	-20.36	-31.118	PASS
		2397.54	-49.588	-21.92	-27.668	PASS
		2400.00	-52.432	-21.92	-30.512	PASS
		2483.50	-51.329	-20.37	-30.959	PASS
		2397.55	-49.898	-21.73	-28.168	PASS
		2400.00	-52.058	-21.73	-30.328	PASS
		2483.50	-51.195	-20.45	-30.745	PASS
		2398.71	-49.355	-21.66	-27.695	PASS
		2400.00	-51.270	-21.66	-29.610	PASS
		2483.50	-50.920	-20.34	-30.580	PASS
8DPSK	3-DH5	2397.78	-49.960	-21.87	-28.090	PASS
		2400.00	-50.787	-21.87	-28.917	PASS
		2483.50	-50.304	-20.14	-30.164	PASS
		2397.64	-49.890	-21.64	-28.250	PASS
		2400.00	-51.843	-21.64	-30.203	PASS
		2483.50	-50.866	-20.23	-30.636	PASS
		2398.25	-49.470	-21.91	-27.560	PASS
		2400.00	-49.933	-21.91	-28.023	PASS
		2483.50	-49.695	-21.03	-28.665	PASS

Test Graphs



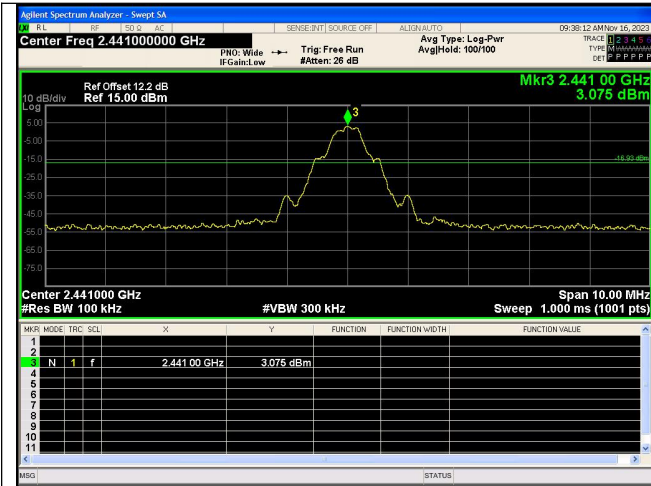
Out Of Band Emission
GFSK_DH5_Channel 0

Out Of Band Emission
π/4DQPSK_2-DH5_Channel 0

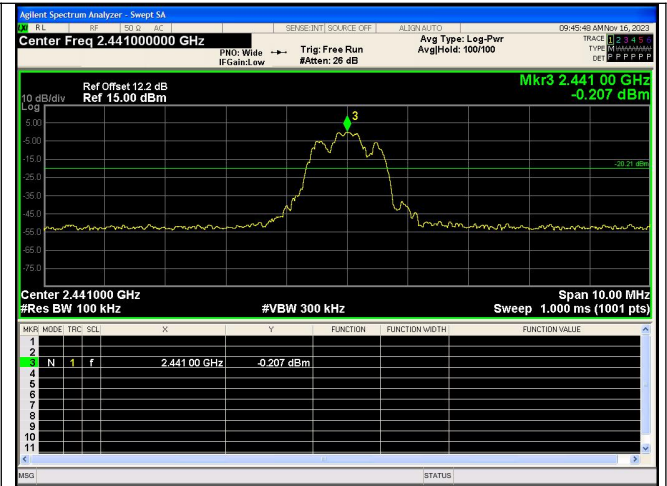


Spurious Emission
GFSK_DH5_Channel 0

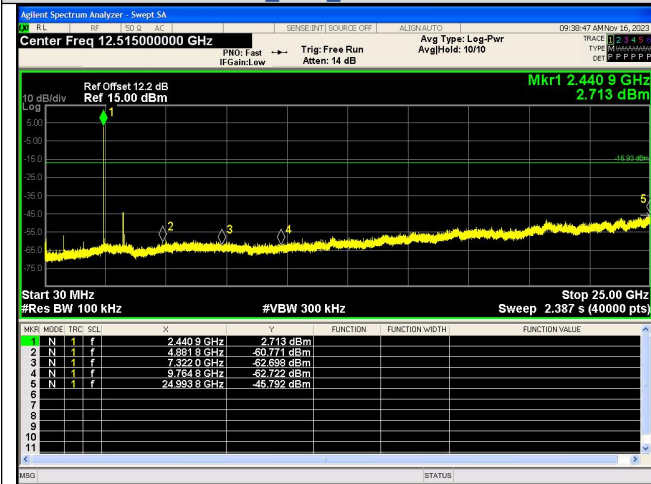
Spurious Emission
π/4DQPSK_2-DH5_Channel 0



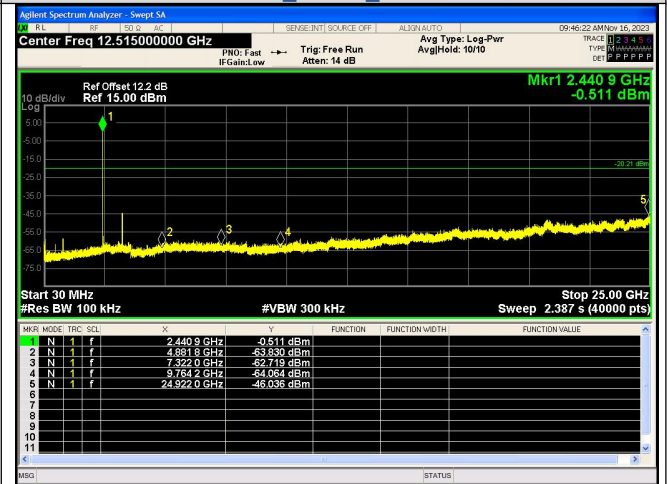
Out Of Band Emission
GFSK_DH5_Channel 39



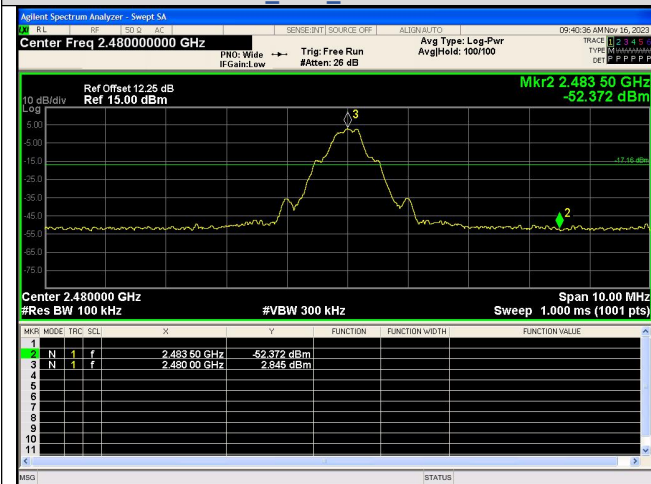
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 39



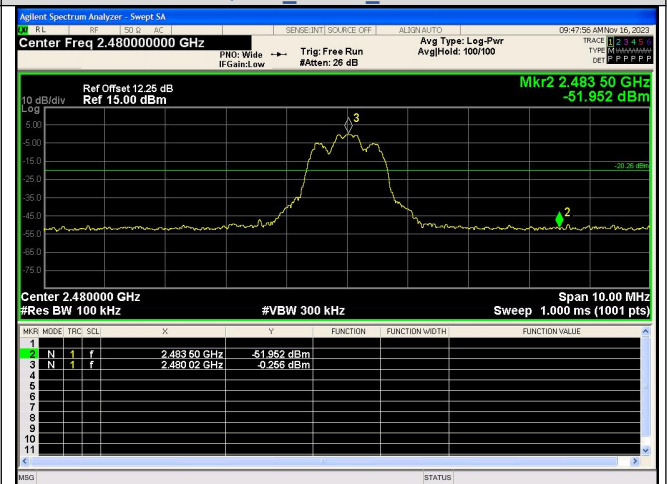
Spurious Emissions
GFSK_DH5_Channel 39



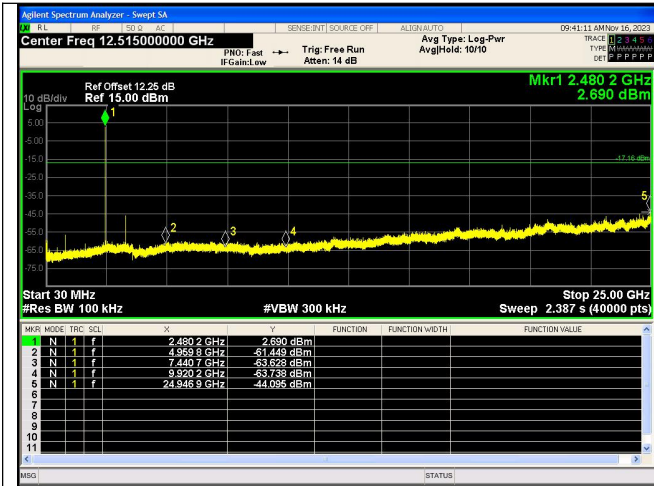
Spurious Emissions
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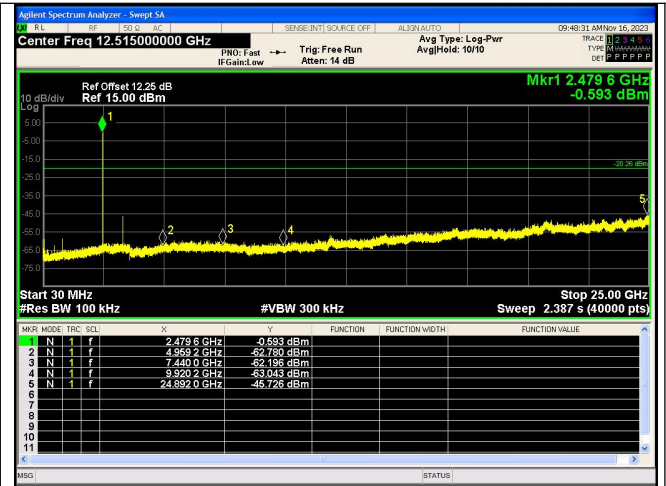
Out Of Band Emission
GFSK_DH5_Channel 78



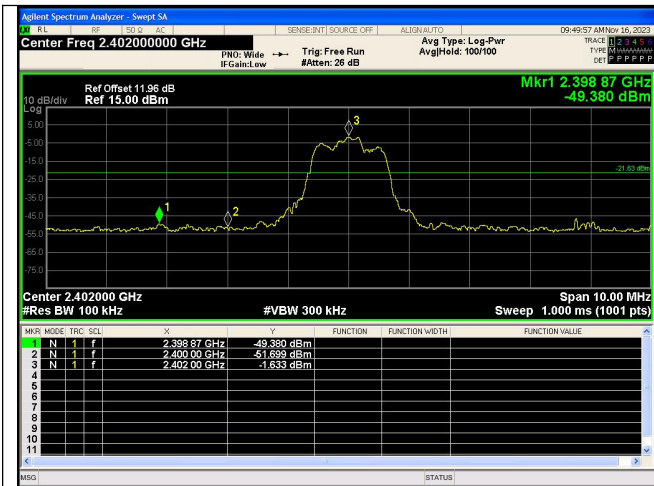
Out Of Band Emission
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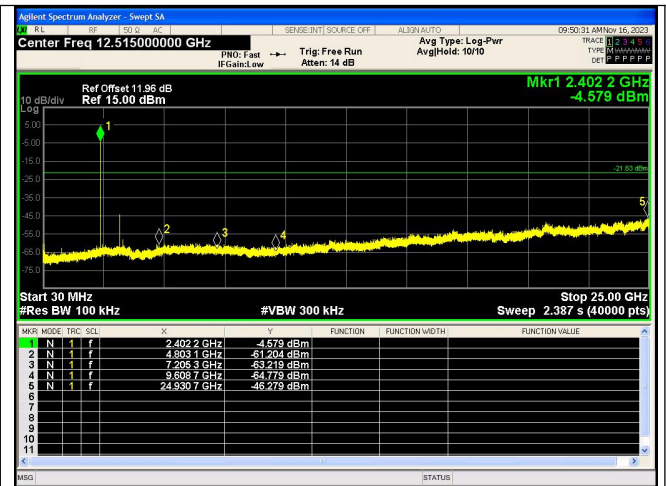
Spurious Emission
GFSK_DH5_Channel 78



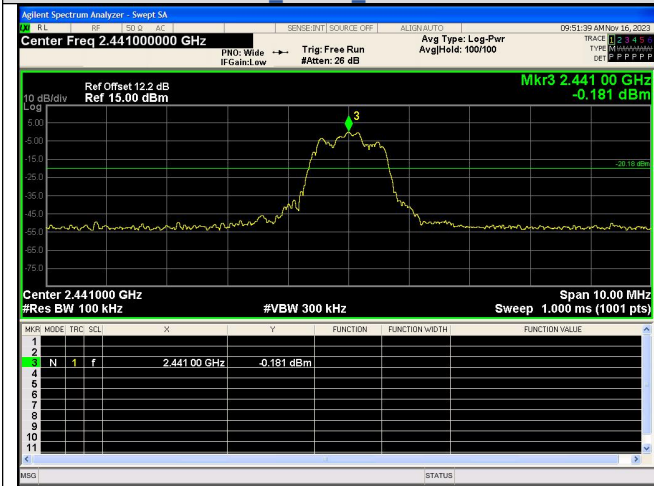
Spurious Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78



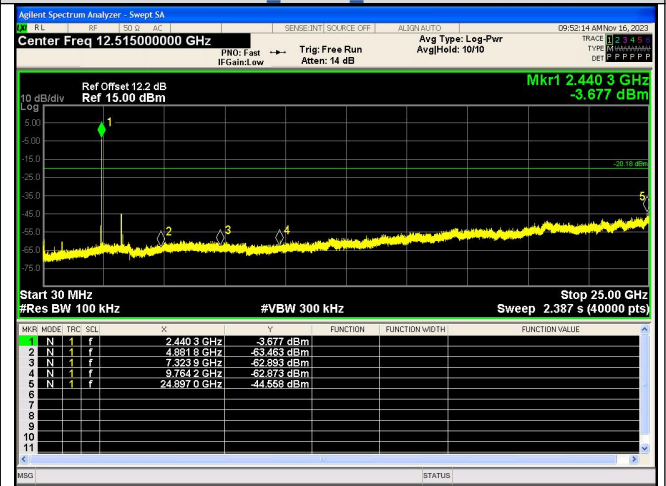
Out Of Band Emission
8DPSK_3-DH5_Channel 0



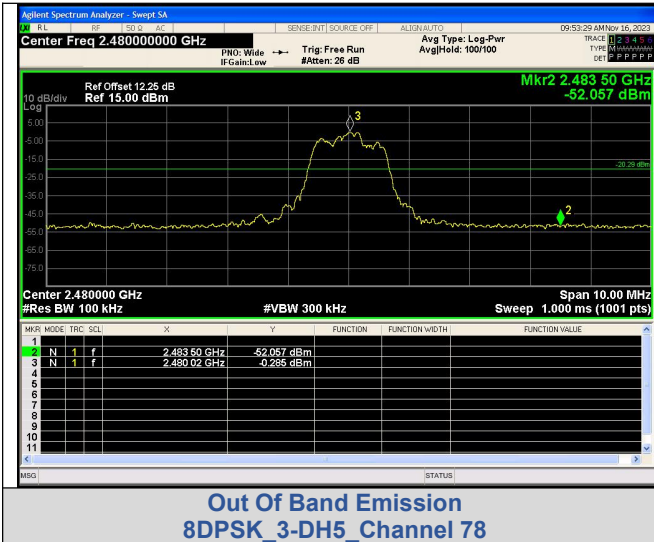
Spurious Emission
8DPSK_3-DH5_Channel 0



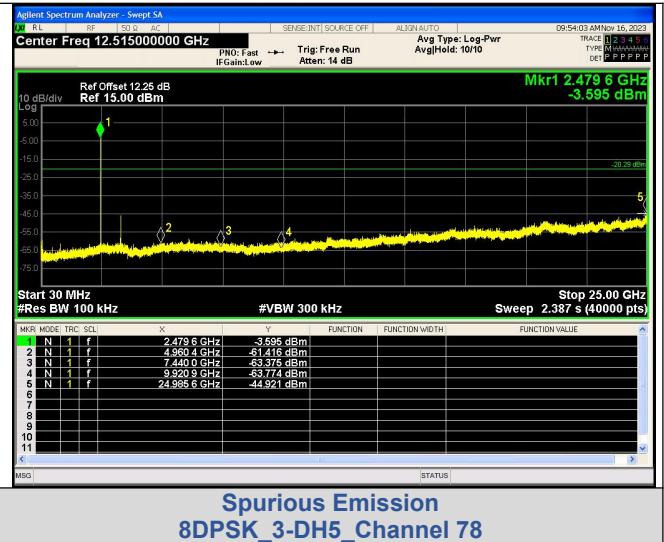
Out Of Band Emission
8DPSK_3-DH5_Channel 39



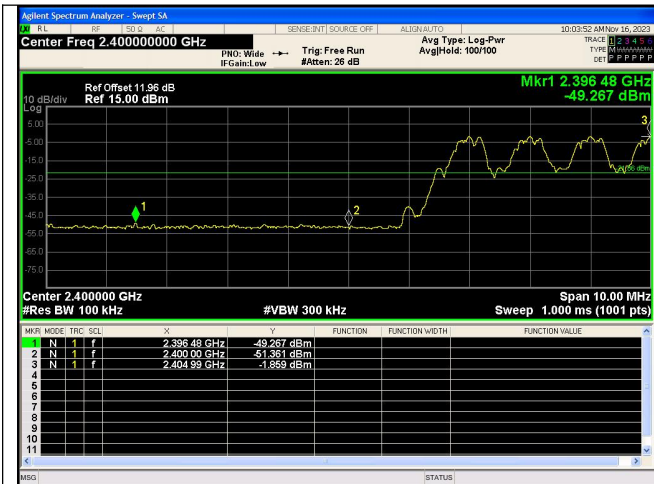
Spurious Emissions
8DPSK_3-DH5_Channel 39



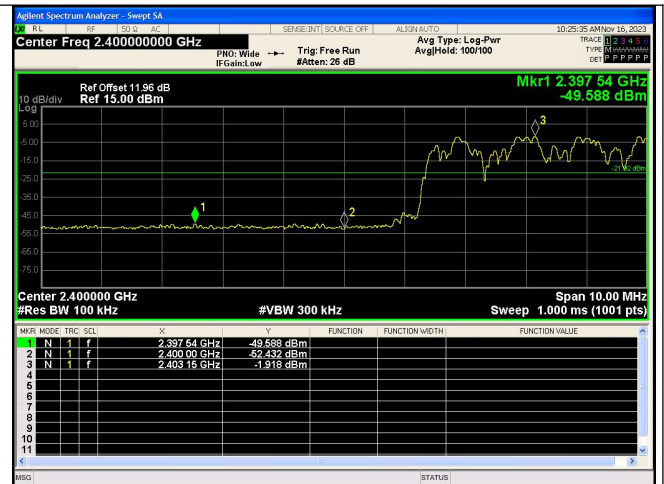
Out Of Band Emission
8DPSK_3-DH5_Channel 78



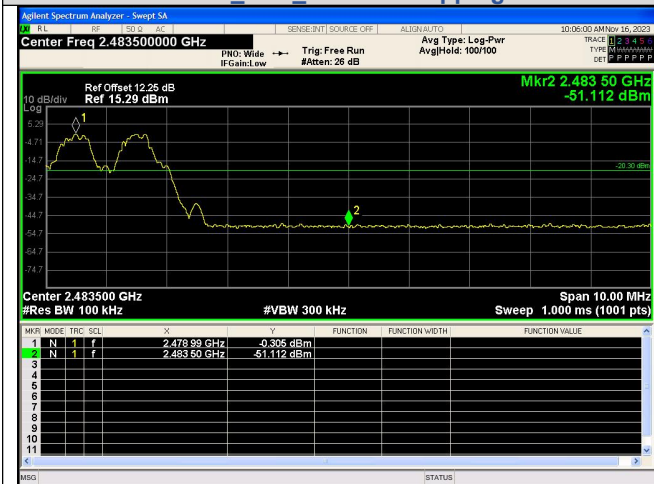
Spurious Emission
8DPSK_3-DH5_Channel 78



Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



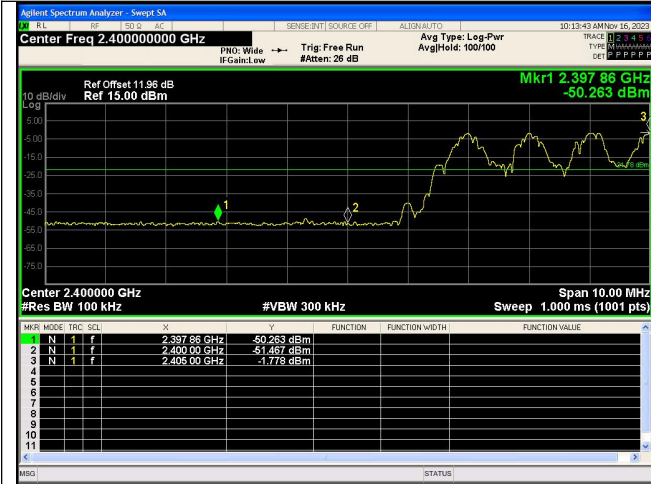
Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



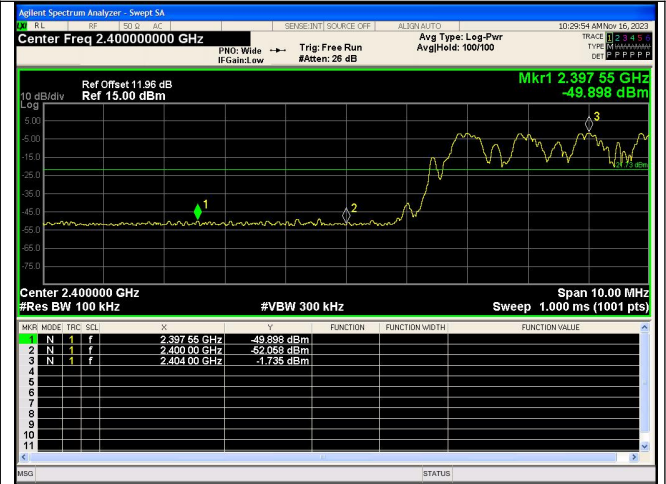
Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



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



Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



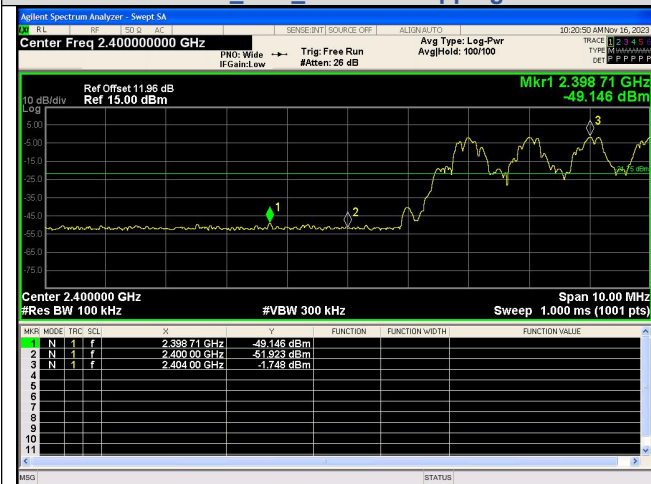
Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



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



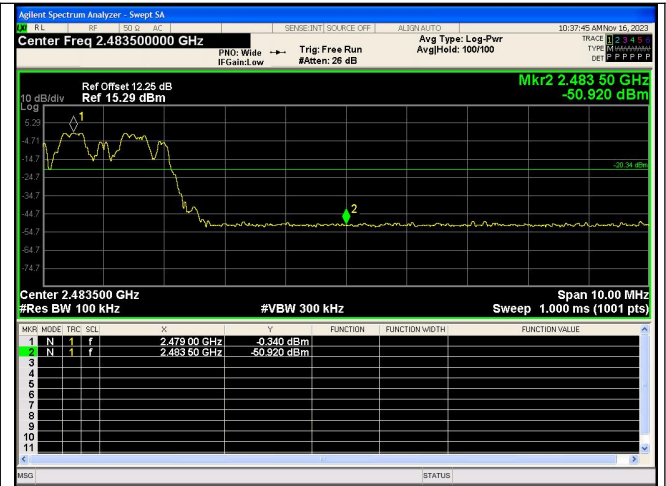
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



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



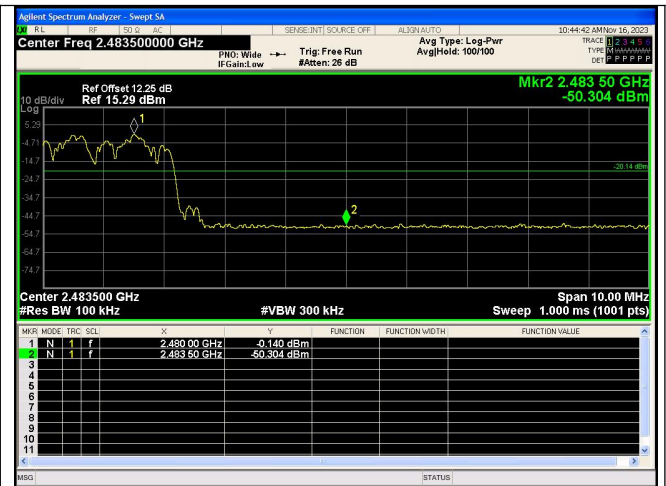
Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



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



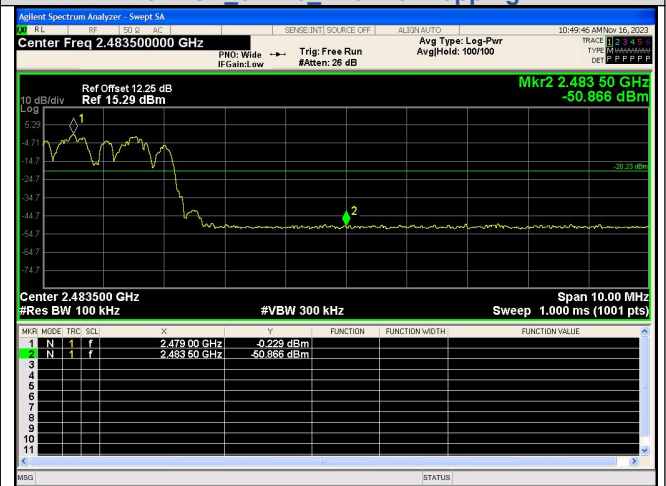
Out Of Band Emission(Left)
8DPSK_3-DH5_Channel Hopping



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