


 $\pi/4$ DQPSK

 $\pi/4$ DQPSK


8DPSK



8DPSK



8DPSK

Appendix A6. 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	2398.80	-51.119	-10.27	-40.849	PASS
			2400.00	-51.737	-10.27	-41.467	PASS
			4803.60	-52.716	-10.27	-42.446	PASS
			7205.10	-66.778	-10.27	-56.508	PASS
			9607.20	-67.135	-10.27	-56.865	PASS
		39	4882.30	-51.439	-10.73	-40.709	PASS
			4954.08	-49.747	-10.73	-39.017	PASS
			7323.74	-68.587	-10.73	-57.857	PASS
			9763.93	-68.172	-10.73	-57.442	PASS
		78	2483.50	-53.523	-10.44	-43.083	PASS
			4959.70	-53.264	-10.44	-42.825	PASS
			7439.22	-69.770	-10.44	-59.330	PASS
			9919.99	-68.996	-10.44	-58.556	PASS
$\pi/4$ DQPSK	2-DH1	0	2400.00	-48.640	-10.06	-38.580	PASS
			2485.80	-25.630	-10.06	-15.570	PASS
			4803.64	-67.736	-10.06	-57.676	PASS
			7205.13	-68.257	-10.06	-58.197	PASS
			9607.87	-68.198	-10.06	-58.138	PASS
		39	4881.67	-64.722	-10.94	-53.782	PASS
			4954.08	-49.964	-10.94	-39.024	PASS
			7323.74	-69.647	-10.94	-58.707	PASS
			9764.55	-68.794	-10.94	-57.854	PASS
		78	2483.50	-54.106	-10.67	-43.436	PASS
			4960.33	-55.109	-10.67	-44.439	PASS
			7439.85	-68.203	-10.67	-57.533	PASS
			9919.99	-69.486	-10.67	-58.816	PASS
8DPSK	3-DH1	0	2400.00	-47.097	-10.02	-37.077	PASS
			4804.26	-57.029	-10.02	-47.009	PASS
			7206.38	-69.056	-10.02	-59.036	PASS
			9608.49	-68.236	-10.02	-58.216	PASS
			24702.2	-55.858	-10.02	-45.838	PASS
		39	4882.30	-57.090	-10.85	-46.240	PASS
			4954.08	-49.845	-10.85	-38.995	PASS
			7323.74	-66.898	-10.85	-56.048	PASS
			9764.55	-69.031	-10.85	-58.181	PASS

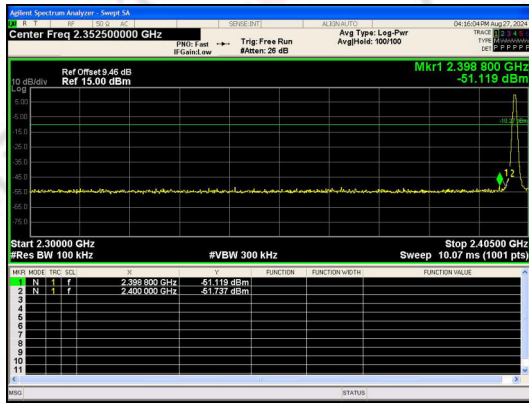
		2483.50	-52.735	-10.7	-42.035	PASS
		4959.70	-54.080	-10.7	-43.380	PASS
		7440.47	-70.219	-10.7	-59.519	PASS
		9919.37	-70.106	-10.7	-59.406	PASS

Hopping

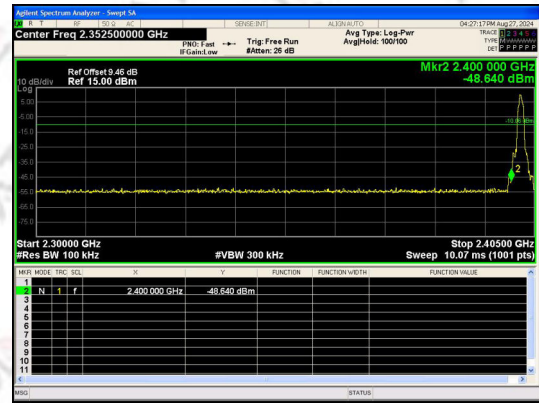
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2311.97	-51.285	-9.61	-41.675	PASS
			2400.00	-52.352	-9.61	-42.742	PASS
			2483.50	-52.651	-9.15	-43.501	PASS
			2329.72	-51.242	-9.54	-41.702	PASS
			2400.00	-53.403	-9.54	-43.863	PASS
			2483.50	-52.739	-9.22	-43.519	PASS
			2398.18	-51.140	-9.3	-41.840	PASS
			2400.00	-52.561	-9.3	-43.261	PASS
			2483.50	-52.428	-8.69	-43.738	PASS
π /4DQPSK	2-DH1		2400.00	-43.718	-9.61	-34.108	PASS
			2483.50	-52.340	-9.45	-42.890	PASS
			2400.00	-43.651	-9.52	-34.131	PASS
			2483.50	-53.402	-9.4	-44.002	PASS
			2400.00	-46.084	-9.49	-36.594	PASS
			2483.50	-51.955	-9.3	-42.655	PASS
8DPSK	3-DH1		2400.00	-45.013	-9.1	-35.913	PASS
			2483.50	-53.033	-9.83	-43.203	PASS
			2400.00	-44.903	-9.13	-35.773	PASS
		2483.50	-53.392	-9.55	-43.842	PASS	
		2400.00	-47.138	-9.43	-37.708	PASS	
		2483.50	-51.502	-9.41	-42.092	PASS	

Test Graphs

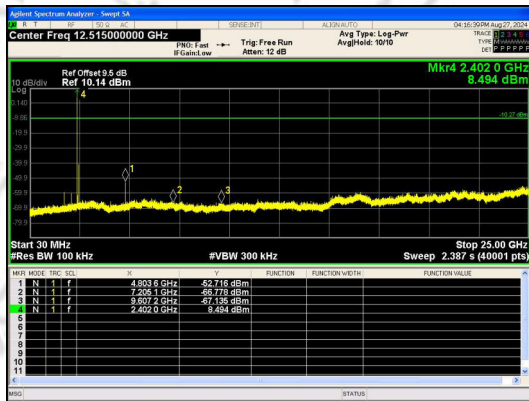




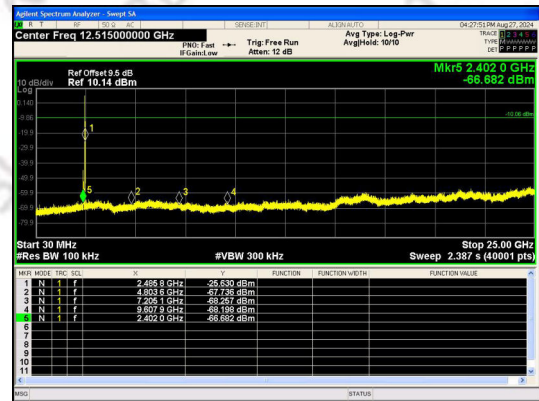
Out Of Band Emission
GFSK_DH5_Channel 0



Out Of Band Emission
 $\pi/4$ DQPSK_2-DH1_Channel 0



30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 0



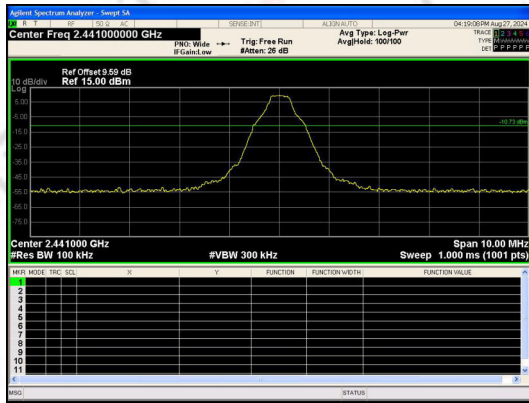
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH1_Channel 0



In-Band Reference Level
GFSK_DH5_Channel 39



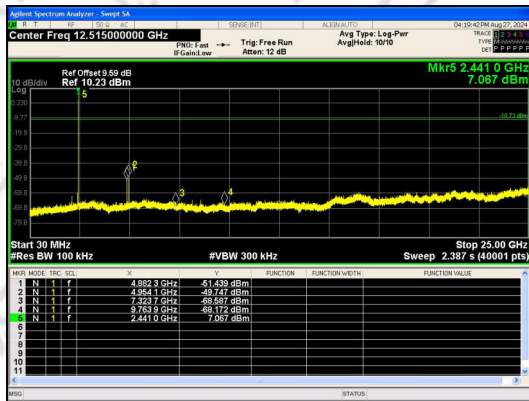
In-Band Reference Level
 $\pi/4$ DQPSK_2-DH1_Channel 39



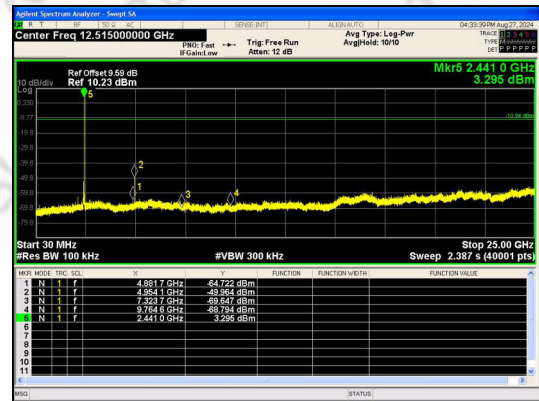
Out Of Band Emission
GFSK_DH5_Channel 39



Out Of Band Emission
 $\pi/4$ DQPSK_2-DH1_Channel 39



30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 39



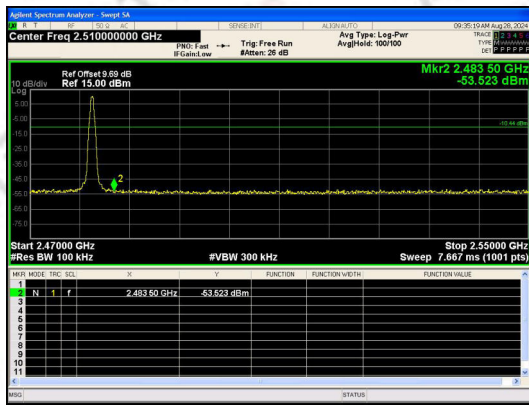
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH1_Channel 39



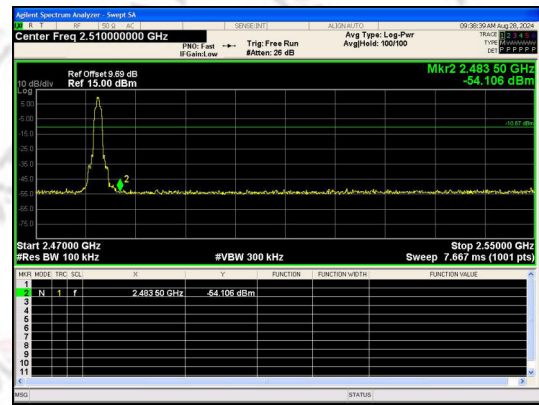
In-Band Reference Level
GFSK_DH5_Channel 78



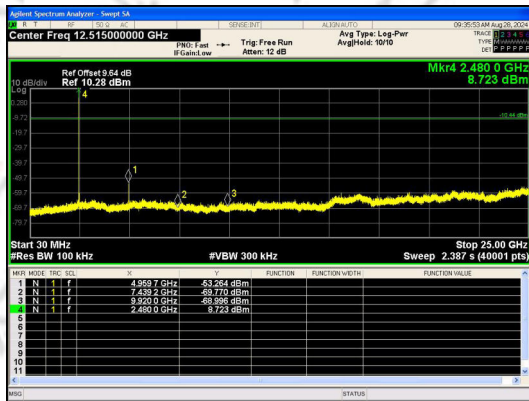
In-Band Reference Level
 $\pi/4$ DQPSK_2-DH1_Channel 78



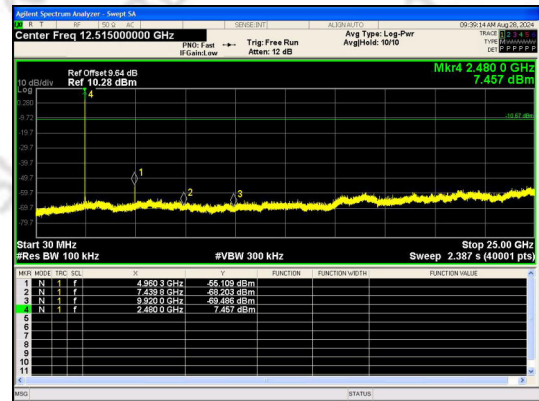
Out Of Band Emission
GFSK_DH5_Channel 78



Out Of Band Emission
 $\pi/4$ DQPSK_2-DH1_Channel 78



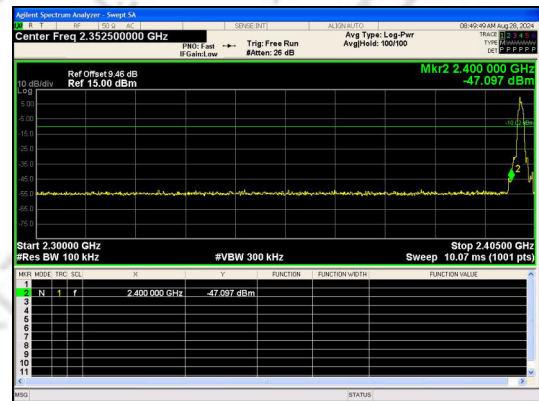
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 78



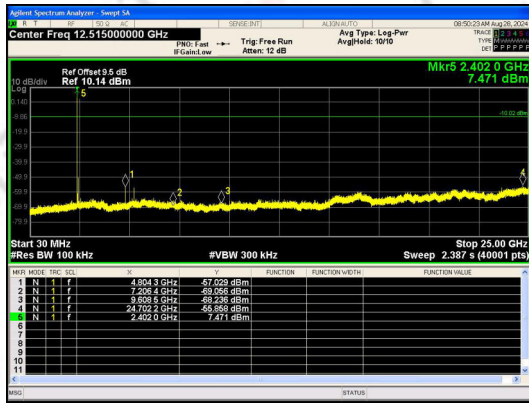
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH1_Channel 78



In-Band Reference Level
8DPSK_3-DH1_Channel 0



Out Of Band Emission
8DPSK_3-DH1_Channel 0



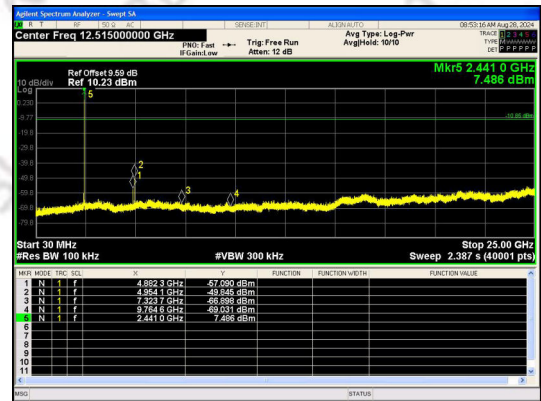
30.0 MHz - 25000.0 MHz
8DPSK_3-DH1_Channel 0



In-Band Reference Level
8DPSK_3-DH1_Channel 39



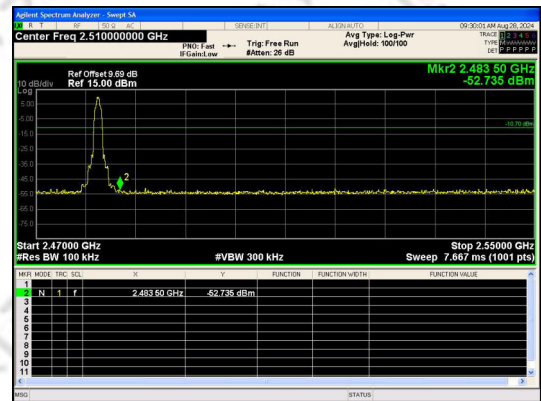
Out Of Band Emission
8DPSK_3-DH1_Channel 39



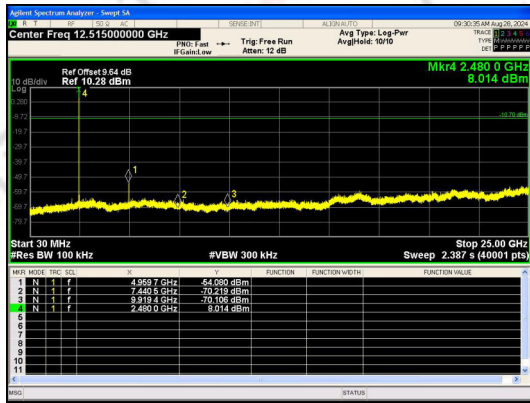
30.0 MHz - 25000.0 MHz
8DPSK_3-DH1_Channel 39



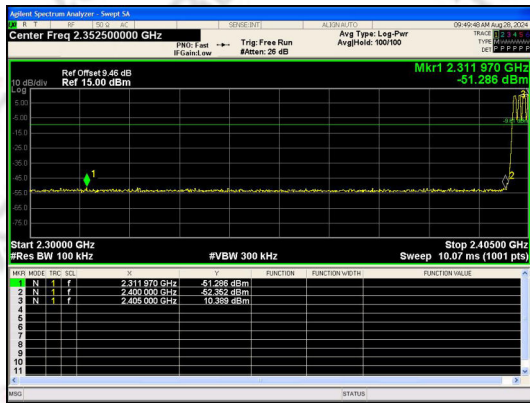
In-Band Reference Level
8DPSK_3-DH1_Channel 78



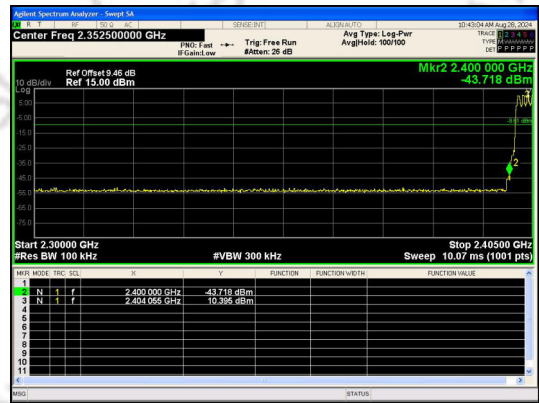
Out Of Band Emission
8DPSK_3-DH1_Channel 78



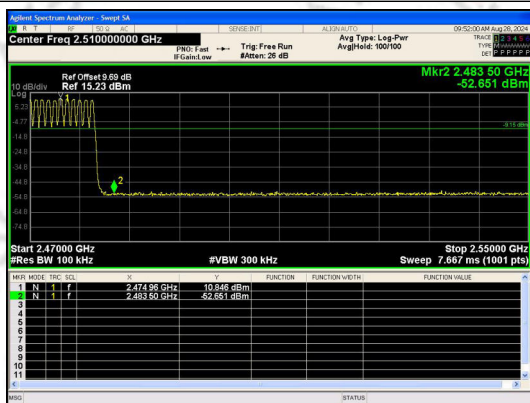
30.0 MHz - 25000.0 MHz
8DPSK_3-DH1_Channel 78



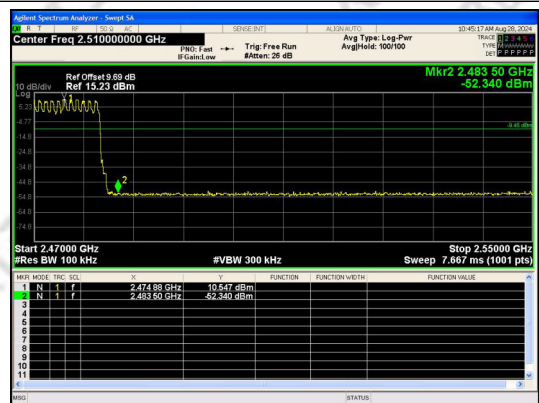
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



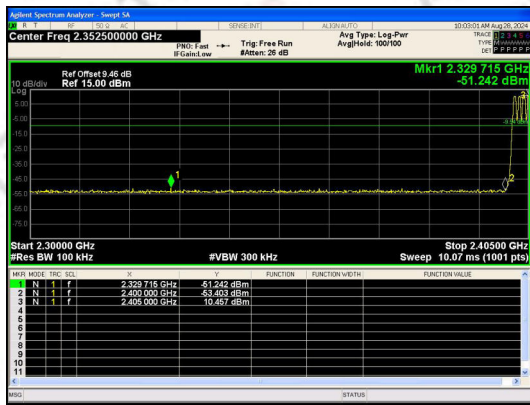
Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH1_Channel Hopping



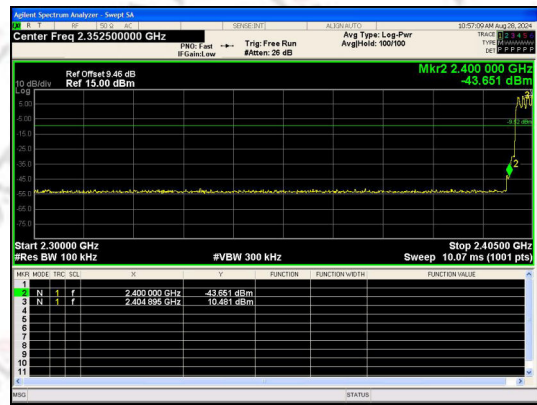
Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



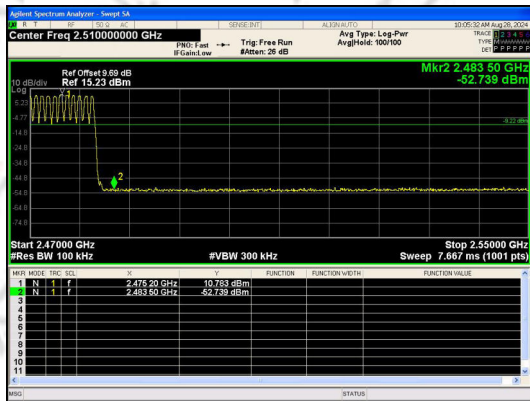
Out Of Band Emission(Right)
 $\pi/4$ DQPSK_2-DH1_Channel Hopping



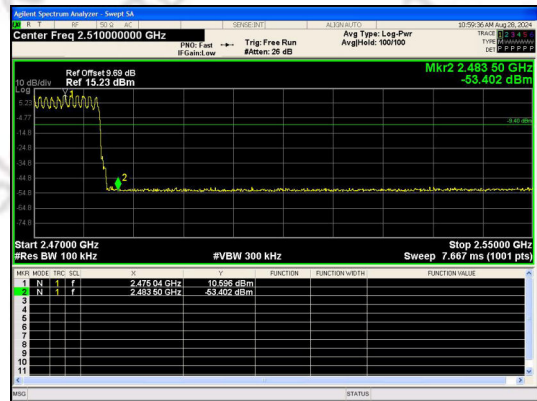
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



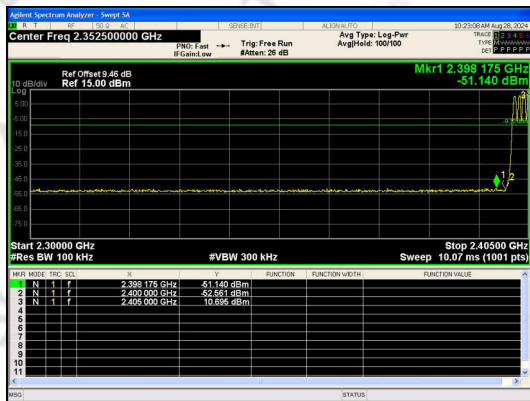
Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH1_Channel Hopping



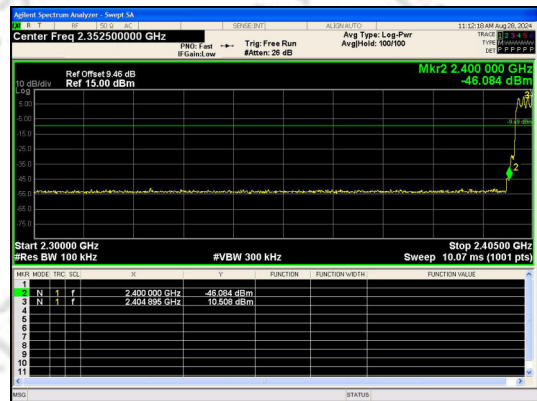
Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



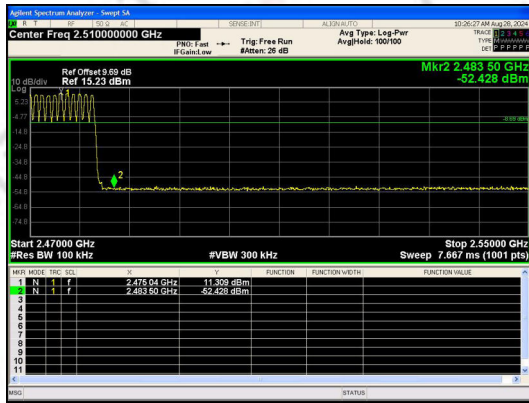
Out Of Band Emission(Right)
 $\pi/4$ DQPSK_2-DH1_Channel Hopping



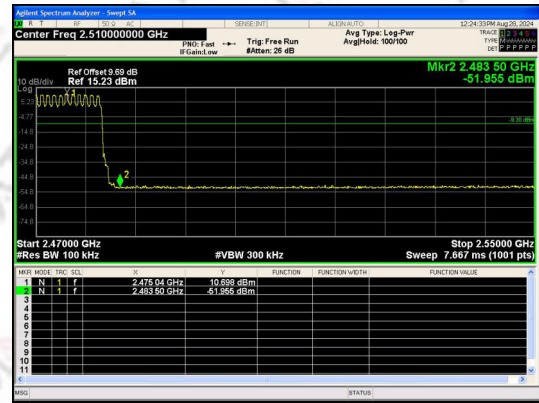
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



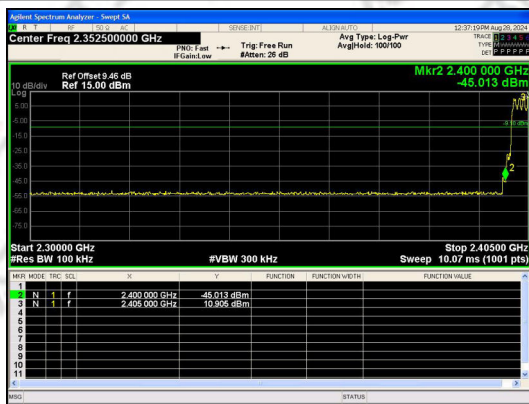
Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH1_Channel Hopping



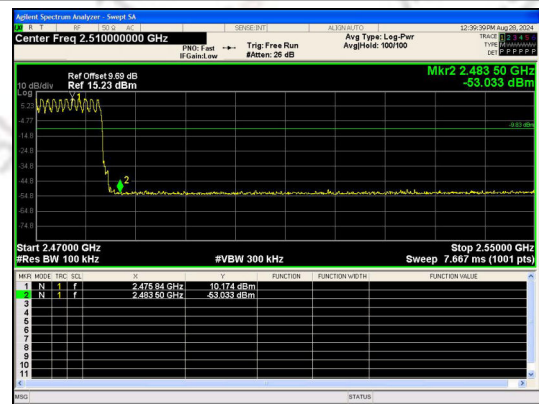
Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



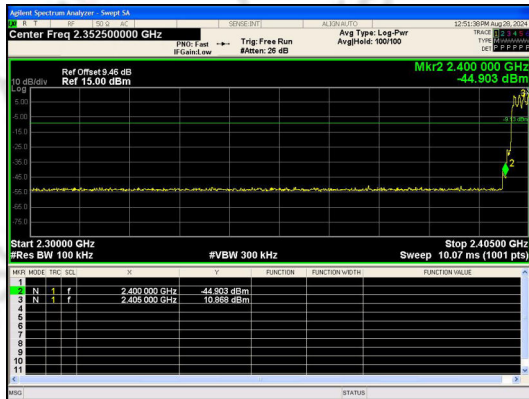
Out Of Band Emission(Right)
 $\pi/4$ DQPSK_2-DH1_Channel Hopping



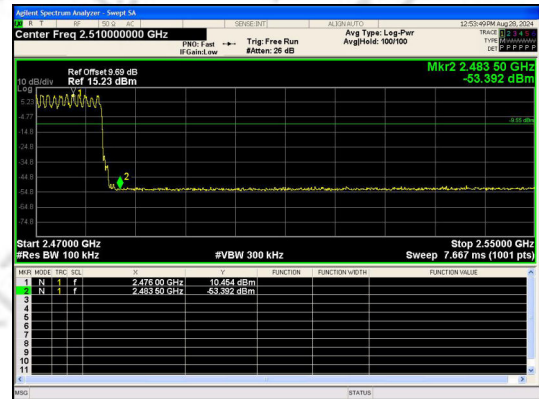
Out Of Band Emission(Left)
8DPSK_3-DH1_Channel Hopping



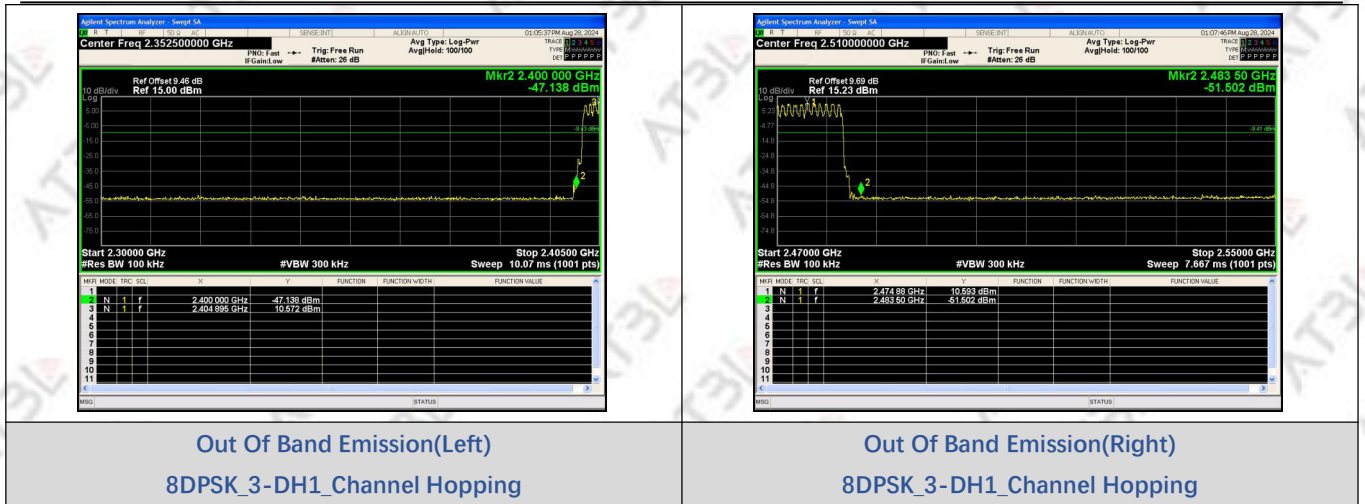
Out Of Band Emission(Right)
8DPSK_3-DH1_Channel Hopping



Out Of Band Emission(Left)
8DPSK_3-DH1_Channel Hopping



Out Of Band Emission(Right)
8DPSK_3-DH1_Channel Hopping



*****END OF APPENDIX A*****