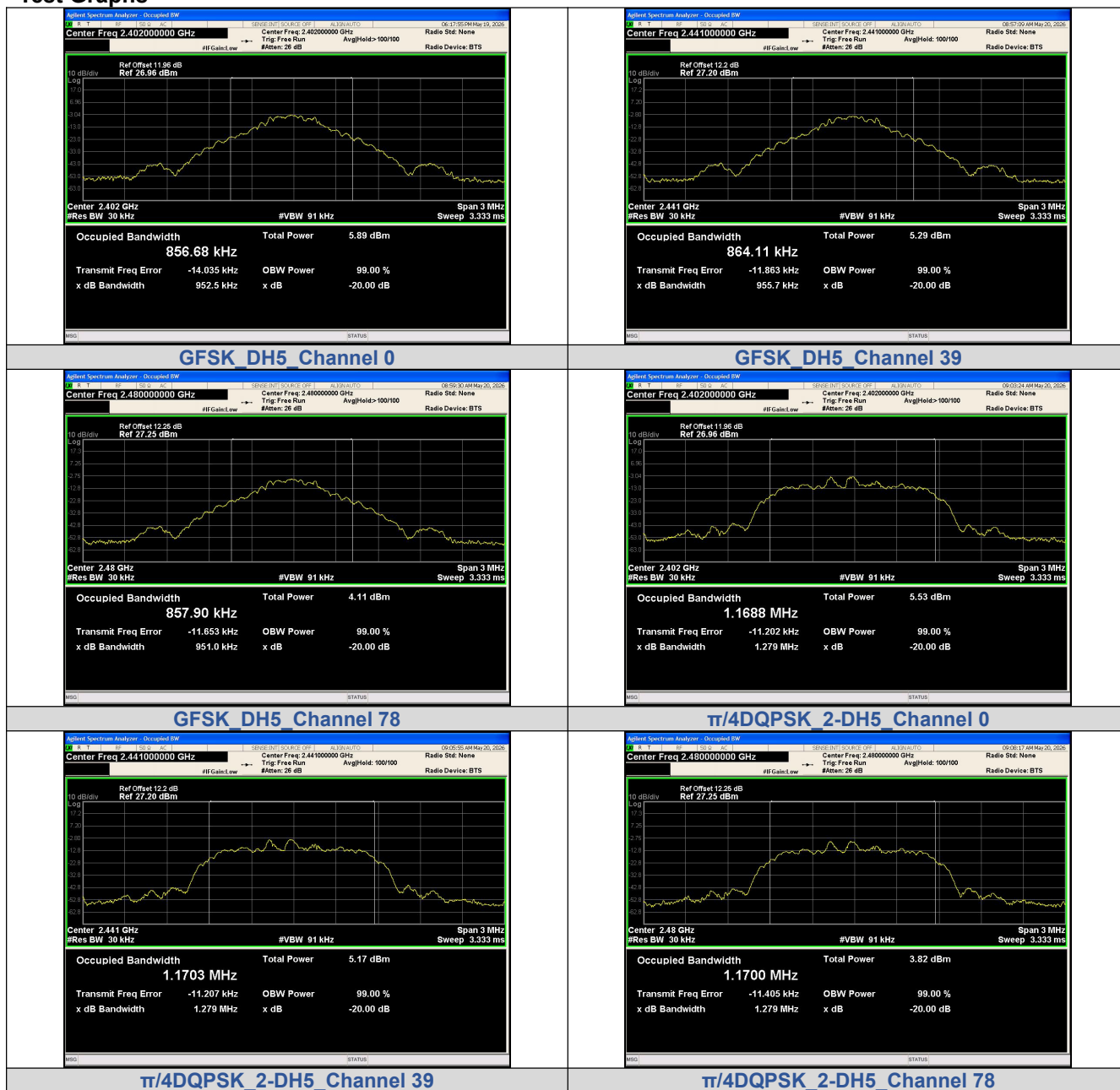


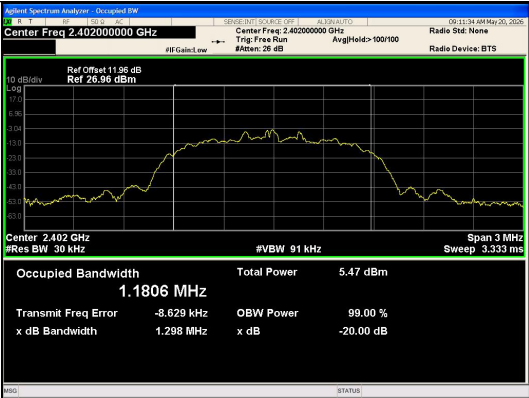
APPENDIX III. 20dB Bandwidth

Test Result

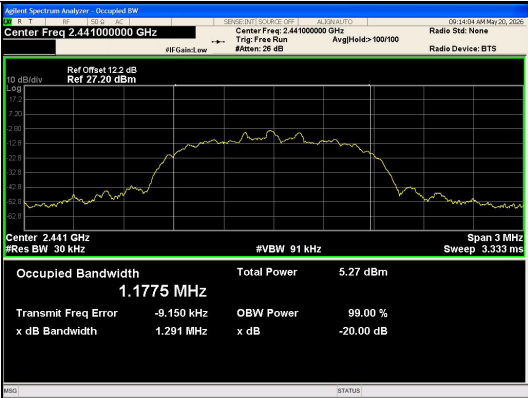
Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.9525
	39	2441 MHz	0.9557
	78	2480 MHz	0.9510
$\pi/4$ DQPSK	0	2402 MHz	1.279
	39	2441 MHz	1.279
	78	2480 MHz	1.279
8DPSK	0	2402 MHz	1.298
	39	2441 MHz	1.291
	78	2480 MHz	1.291

Test Graphs

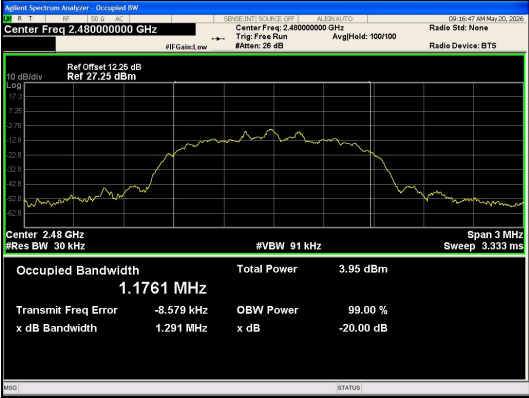




8DPSK 3-DH5 Channel 0



8DPSK 3-DH5 Channel 39

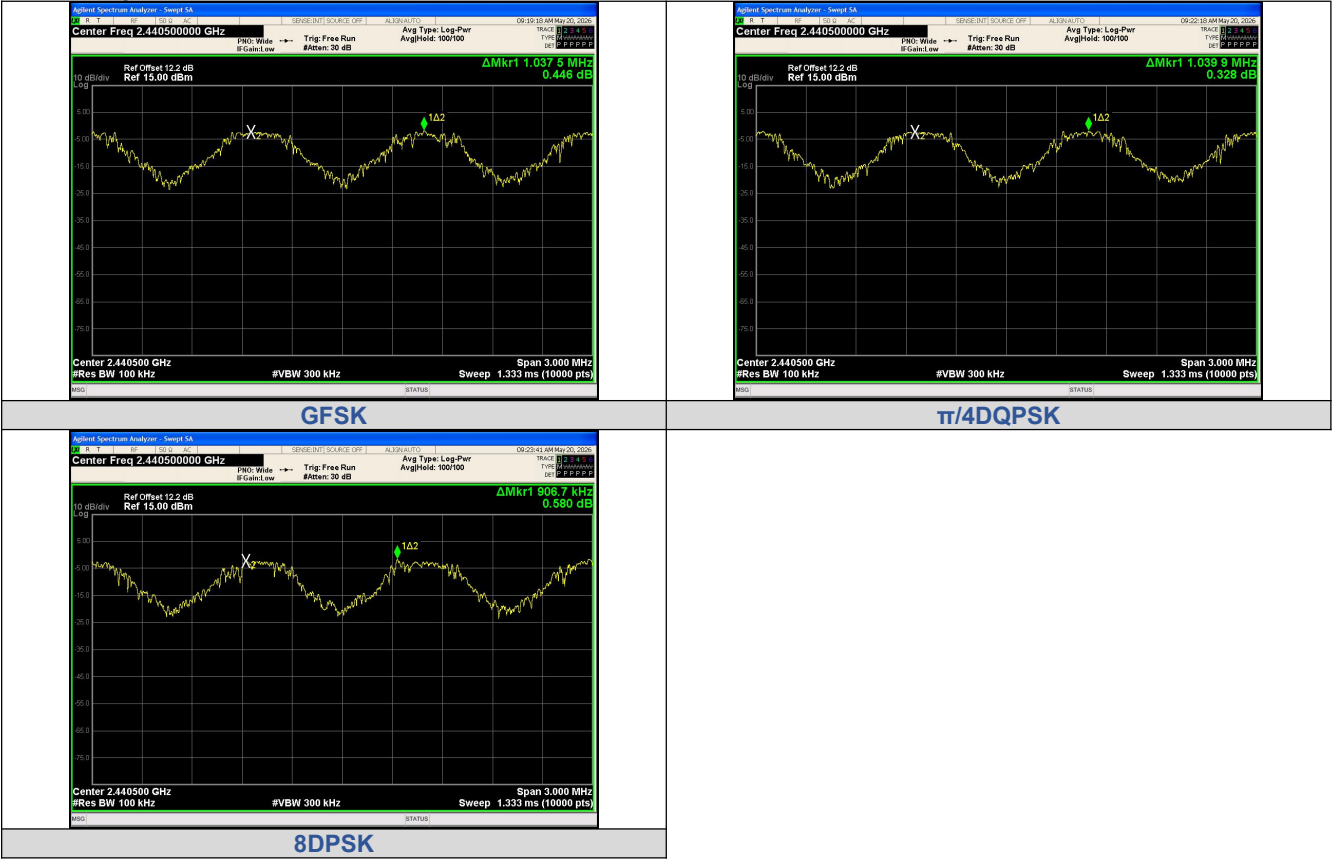


8DPSK 3-DH5 Channel 78

APPENDIX IV. Carrier Frequencies Separation
Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Minimum Limit (MHz)	Result
GFSK	DH5	2439.9517	2440.9892	1.0375	0.637	PASS
$\pi/4$ DQPSK	2-DH5	2439.9532	2440.9931	1.0399	0.853	PASS
8DPSK	3-DH5	2439.9223	2440.829	0.9067	0.865	PASS

Test Graphs



APPENDIX V. Conducted Spurious & Band Edge 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	2398.95	-43.271	-21.25	-22.021	PASS
			2400.00	-51.625	-21.25	-30.375	PASS
			4804.30	-56.892	-21.25	-35.642	PASS
			7206.40	-58.435	-21.25	-37.185	PASS
			9602.20	-39.753	-21.25	-18.503	PASS
			9607.90	-63.779	-21.25	-42.529	PASS
		39	4882.30	-54.132	-21.85	-32.282	PASS
			7323.74	-56.365	-21.85	-34.515	PASS
			9757.69	-36.427	-21.85	-14.577	PASS
		78	9763.31	-63.606	-21.85	-41.756	PASS
			2483.50	-51.367	-23.05	-28.317	PASS
			4959.70	-57.229	-23.05	-34.179	PASS
			7439.85	-59.151	-23.05	-36.101	PASS
			9913.75	-33.642	-23.05	-10.592	PASS
			9919.37	-62.847	-23.05	-39.797	PASS
$\pi/4$ DQPSK	2-DH5	0	2399.00	-43.359	-21.3	-22.059	PASS
			2400.00	-49.923	-21.3	-28.623	PASS
			4803.60	-58.474	-21.3	-37.174	PASS
			7205.80	-58.082	-21.3	-36.782	PASS
			9602.20	-37.923	-21.3	-16.623	PASS
			9607.20	-63.971	-21.3	-42.671	PASS
		39	4881.67	-60.041	-21.77	-38.271	PASS
			7322.49	-56.873	-21.77	-35.103	PASS
			9757.69	-37.075	-21.77	-15.305	PASS
		78	9764.55	-62.944	-21.77	-41.174	PASS
			2483.50	-51.459	-23.06	-28.399	PASS
			4960.33	-59.355	-23.06	-36.295	PASS
			7439.85	-61.116	-23.06	-38.056	PASS
			9913.75	-34.265	-23.06	-11.205	PASS
			9919.99	-63.418	-23.06	-40.358	PASS
8DPSK	3-DH5	0	2398.85	-42.630	-21.28	-21.350	PASS
			2400.00	-48.156	-21.28	-26.876	PASS
			4803.60	-58.332	-21.28	-37.052	PASS
			7205.80	-61.256	-21.28	-39.976	PASS
			9602.20	-38.383	-21.28	-17.103	PASS
			9607.20	-63.520	-21.28	-42.240	PASS
		39	4881.67	-56.579	-21.62	-34.959	PASS
			7322.49	-58.124	-21.62	-36.504	PASS
			9757.69	-37.012	-21.62	-15.392	PASS
		78	9764.55	-63.437	-21.62	-41.817	PASS
			2483.50	-51.760	-22.96	-28.800	PASS
			4959.70	-55.902	-22.96	-32.942	PASS
			7439.85	-59.971	-22.96	-37.011	PASS
			9913.75	-34.365	-22.96	-11.405	PASS
			9919.37	-62.073	-22.96	-39.113	PASS

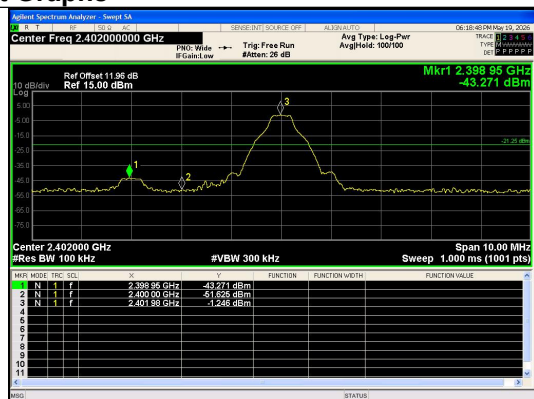
Note: input compensation coefficient (dB)= Cable Loss (dB)

Hopping

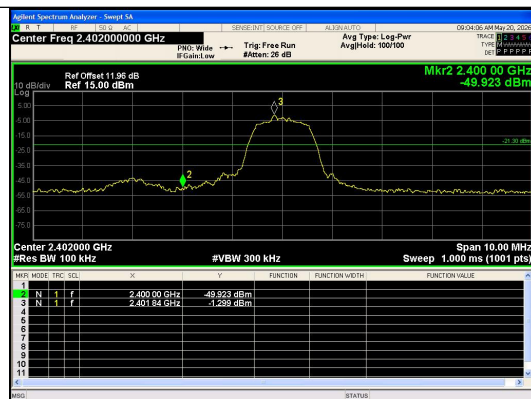
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2400.00	-44.507	-21.31	-23.197	PASS
			2483.50	-51.087	-23.12	-27.967	PASS
$\pi/4$ DQPSK	2-DH5		2398.70	-44.797	-21.24	-23.557	PASS
			2400.00	-45.269	-21.24	-24.029	PASS
			2483.50	-50.737	-23.16	-27.577	PASS
8DPSK	3-DH5		2398.89	-45.800	-21.32	-24.480	PASS
			2400.00	-48.277	-21.32	-26.957	PASS
			2483.50	-51.344	-24.16	-27.184	PASS

Note: input compensation coefficient (dB)= Cable Loss (dB)

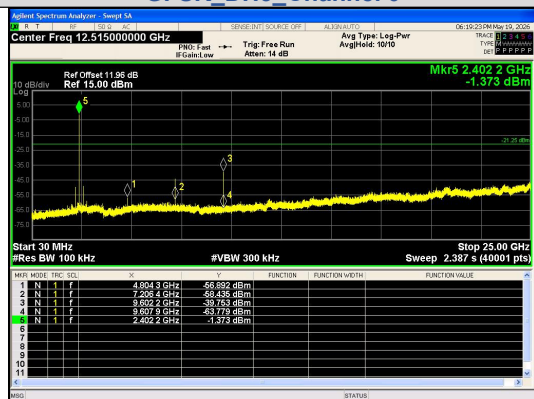
Test Graphs



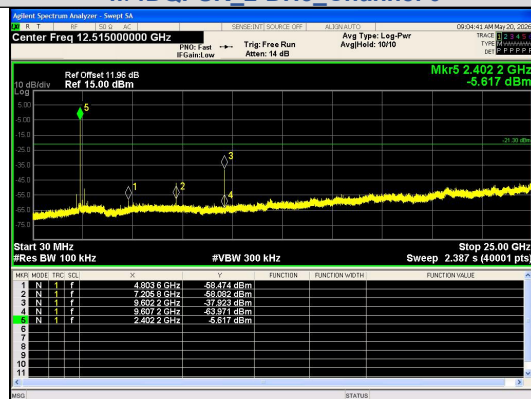
Out Of Band Emission
GFSK_DH5_Channel 0



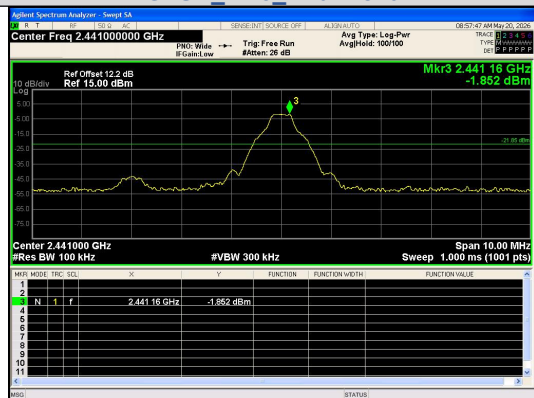
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 0



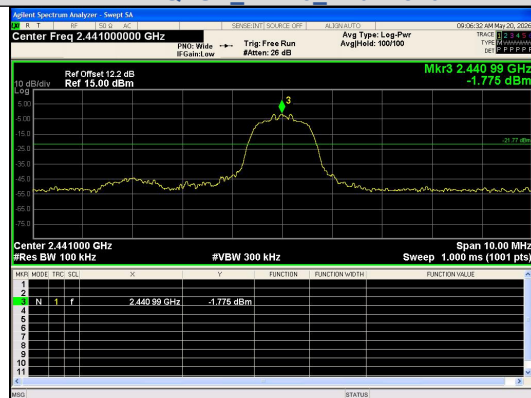
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 0



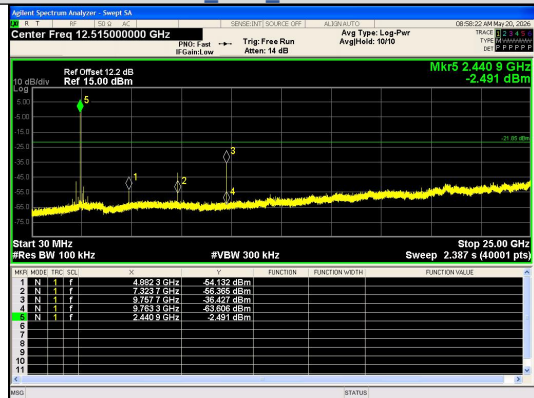
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 0



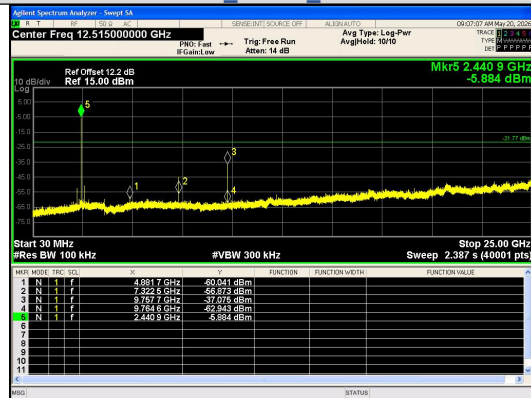
Out Of Band Emission
GFSK_DH5_Channel 39



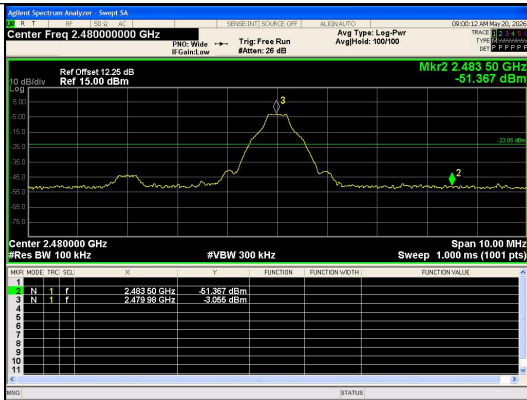
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 39



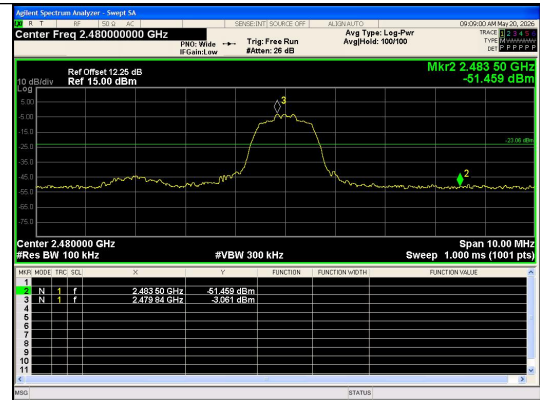
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GFSK_DH5_Channel 39



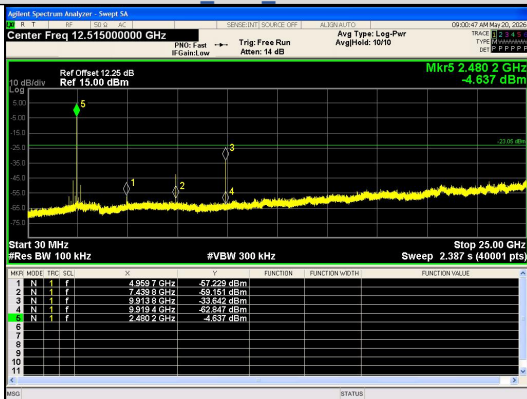
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 $\pi/4$ DQPSK_2-DH5_Channel 39



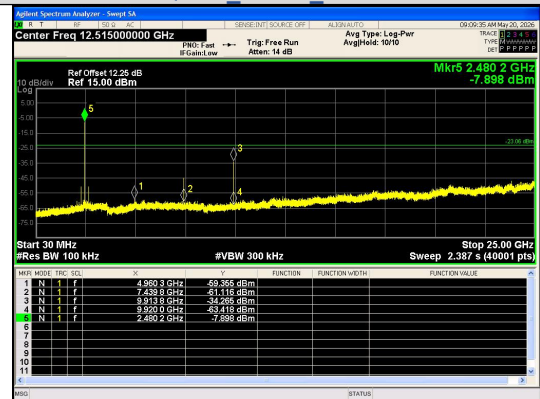
Out Of Band Emission
GFSK_DH5_Channel 78



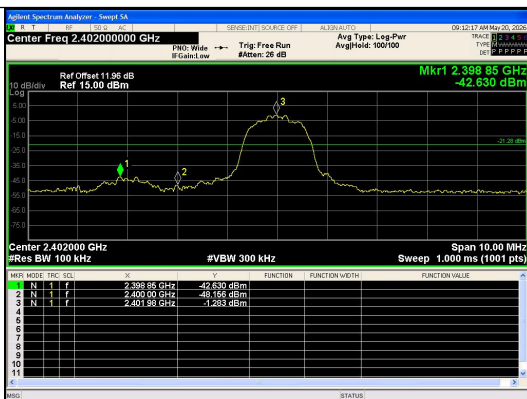
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78



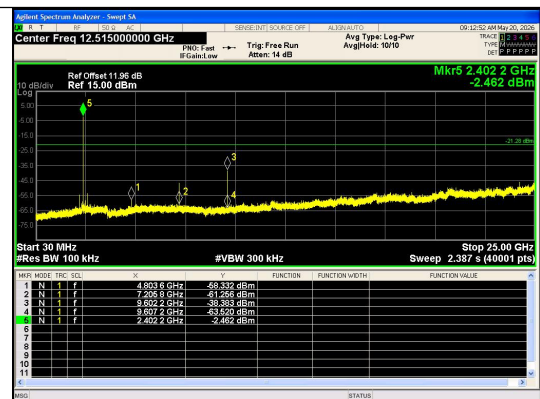
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 78



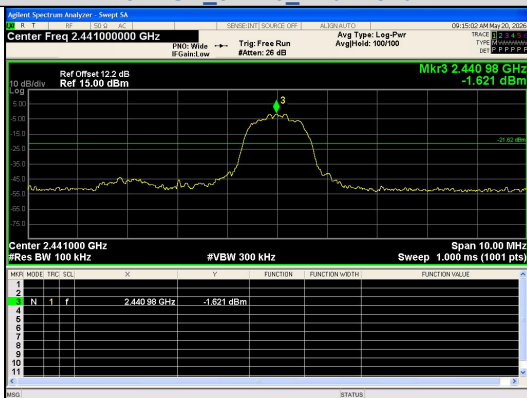
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 $\pi/4$ DQPSK_2-DH5_Channel 78



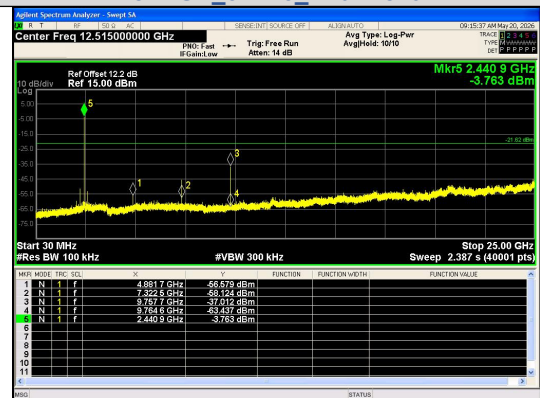
Out Of Band Emission
8DPSK_3-DH5_Channel 0



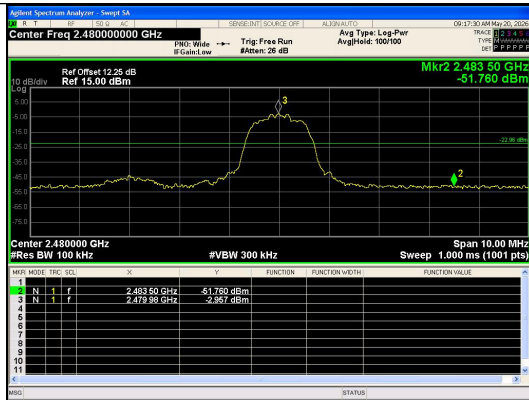
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 0



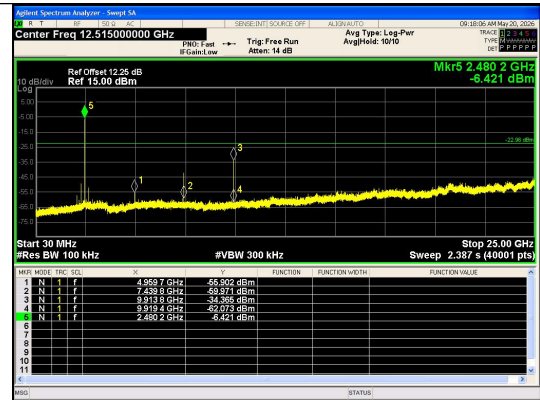
Out Of Band Emission
8DPSK_3-DH5_Channel 39



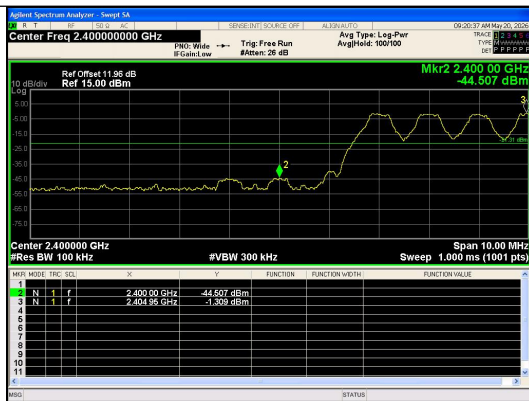
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39



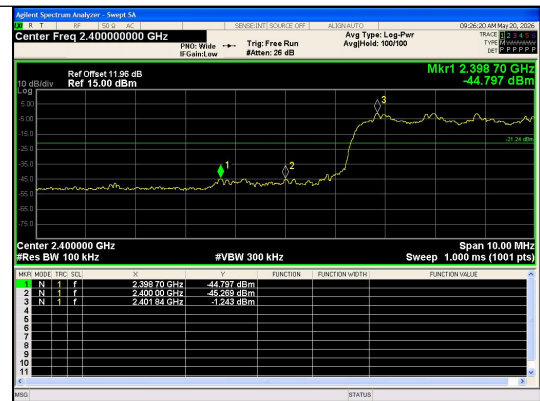
Out Of Band Emission 8DPSK_3-DH5_Channel 78



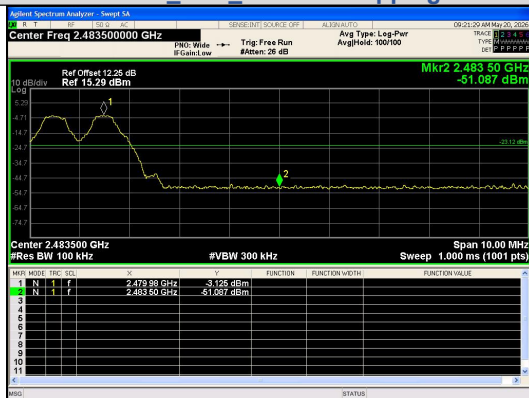
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 78



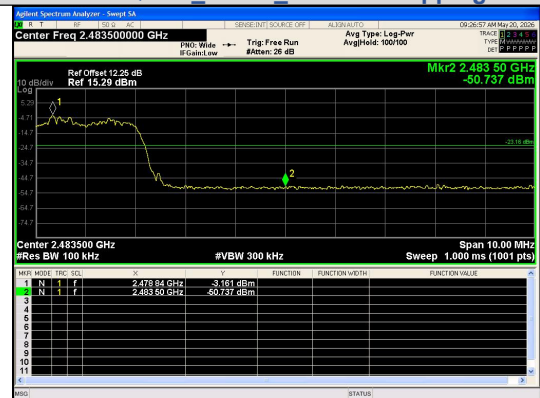
Out Of Band Emission(Left) GFSK_DH5_Channel Hopping



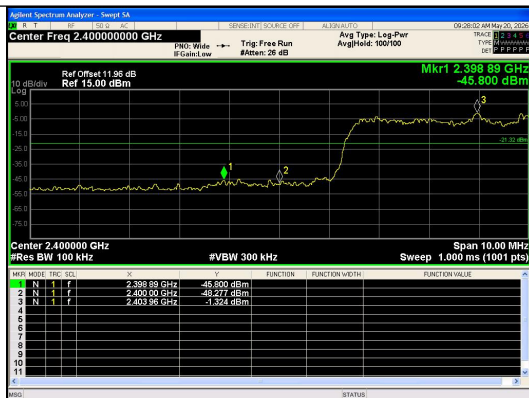
Out Of Band Emission(Left)
 $\pi/4$ DQPSK 2-DH5 Channel Hopping



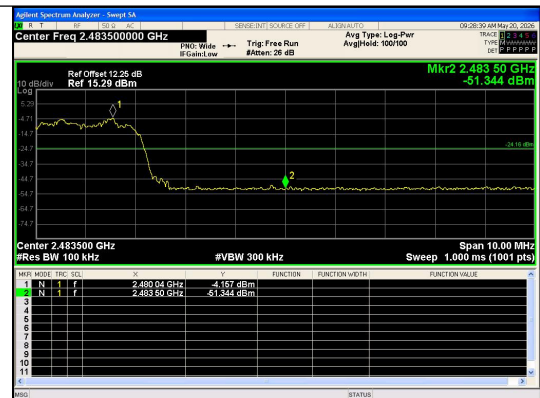
Out Of Band Emission(Right) GFSK DH5 Channel Hopping



Out Of Band Emission(Right)



Out Of Band Emission(Left)
8DPSK 3-DH5 Channel Hopping



Out Of Band Emission(Right)