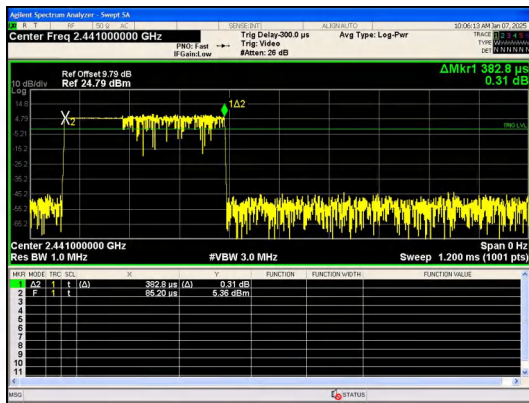
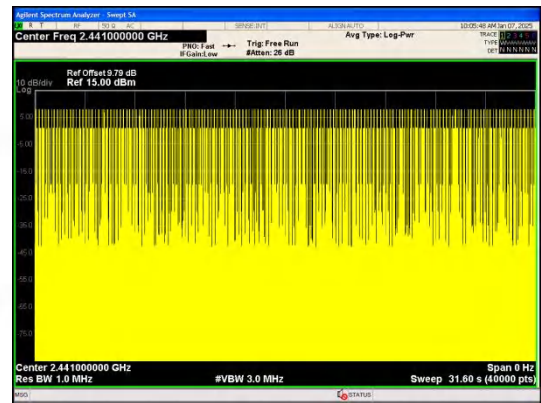
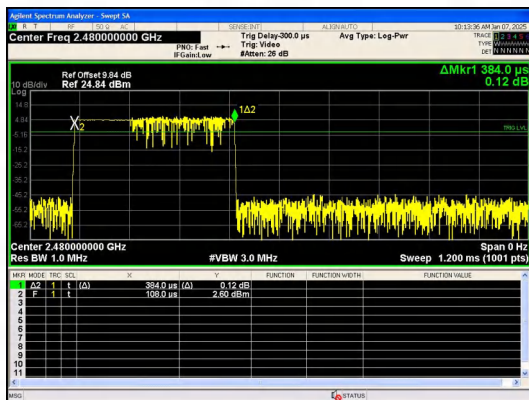




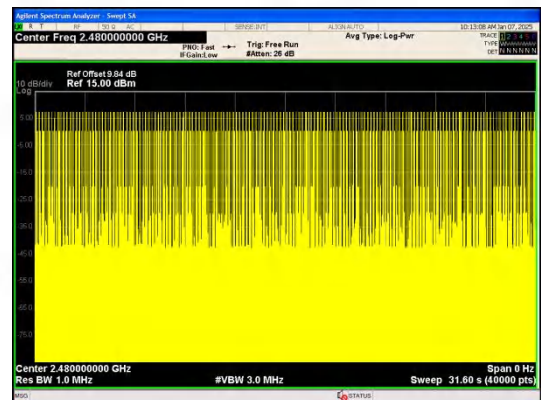
Pulse Width
8DPSK_3-DH1



Number of Pulses in 31.6 seconds
8DPSK_3-DH1



Pulse Width
8DPSK_3-DH1



Number of Pulses in 31.6 seconds
8DPSK_3-DH1

20dB Bandwidth

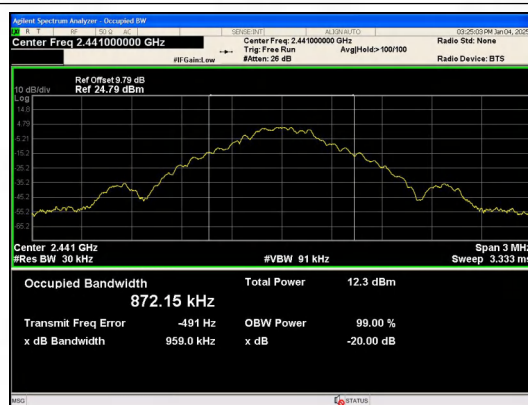
Test Result

Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.9598
	39	2441 MHz	0.9590
	78	2480 MHz	0.9591
$\pi/4$ DQPSK	0	2402 MHz	1.290
	39	2441 MHz	1.297
	78	2480 MHz	1.275
8DPSK	0	2402 MHz	1.259
	39	2441 MHz	1.261
	78	2480 MHz	1.260

Test Graphs



GFSK_DH5_Channel 0



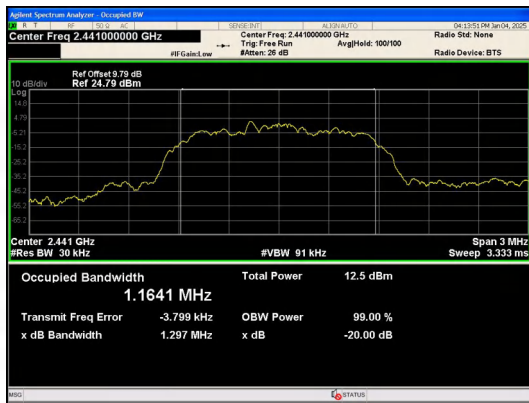
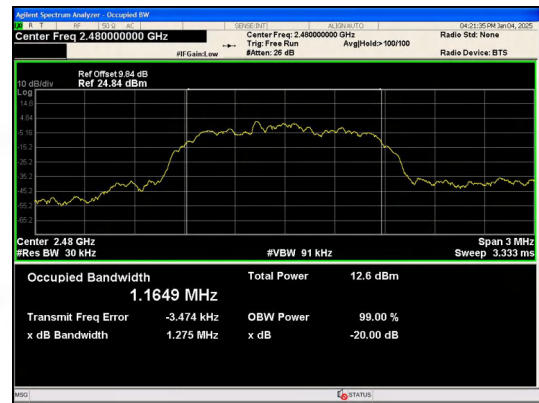
GFSK DH5 Channel 39



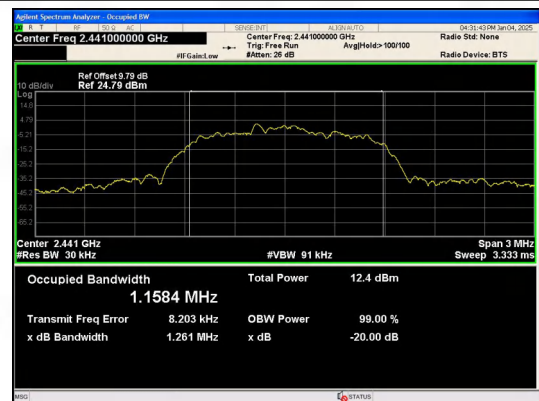
GFSK DH5 Channel 78



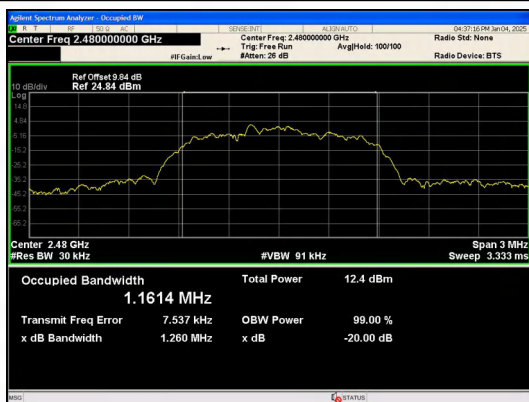
$\pi/4$ DQPSK 2-DH1 Channel 0


 $\pi/4$ DQPSK_2-DH1_Channel 39

 $\pi/4$ DQPSK_2-DH1_Channel 78


8DPSK_3-DH1_Channel 0



8DPSK_3-DH1_Channel 39



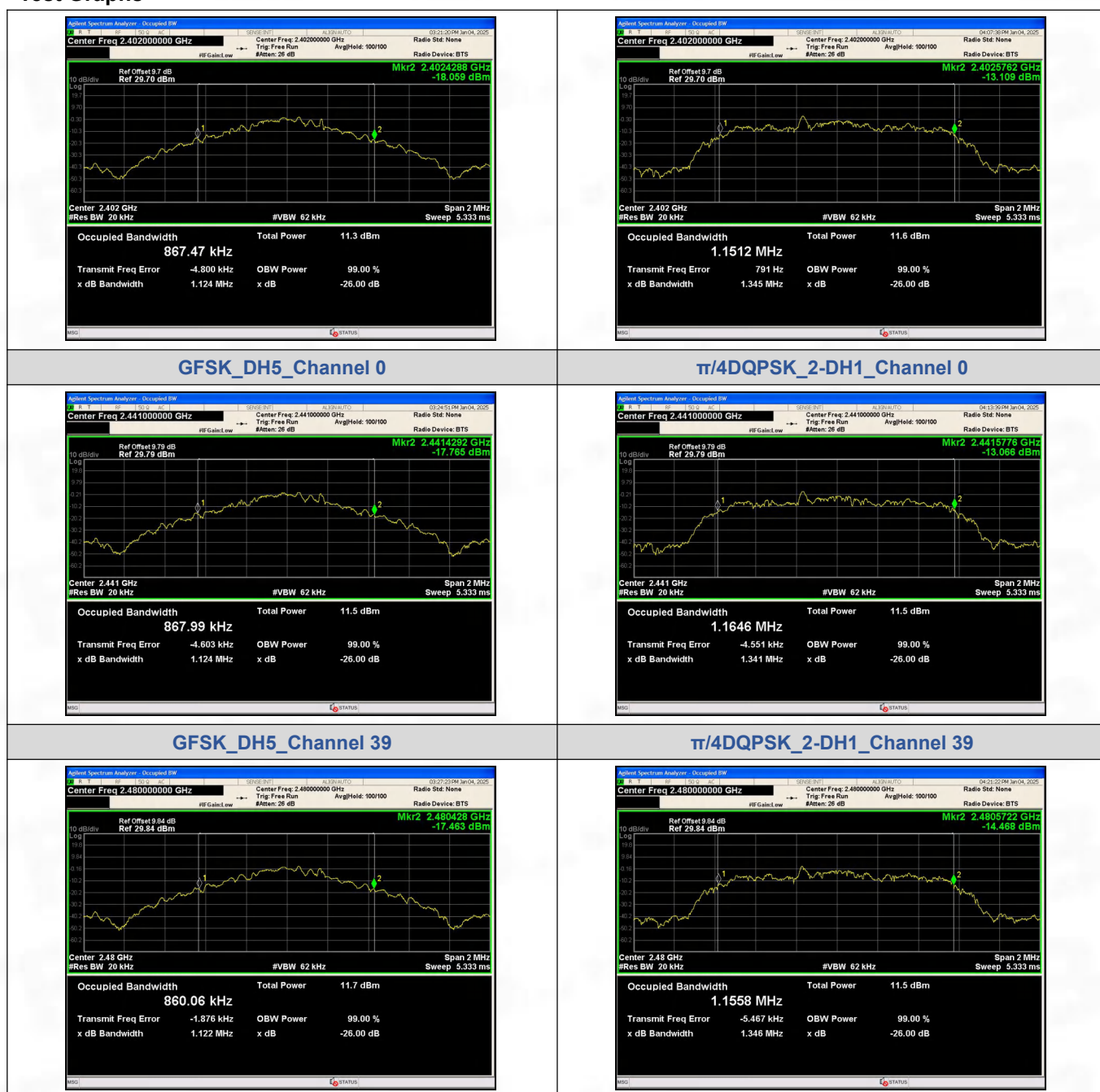
8DPSK_3-DH1_Channel 78

99% Bandwidth

Test Result

Modulation	Channel	Center Frequency (MHz)	99% BW (MHz)
GFSK	0	2402	0.86747
	39	2441	0.86799
	78	2480	0.86006
$\pi/4$ DQPSK	0	2402	1.1512
	39	2441	1.1646
	78	2480	1.1558
8DPSK	0	2402	1.1543
	39	2441	1.1580
	78	2480	1.1548

Test Graphs



Carrier Frequency Separation

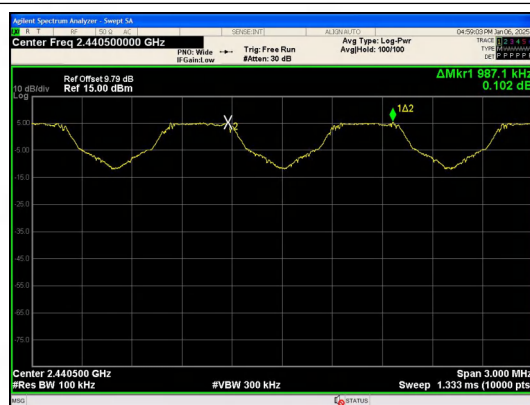
Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2440.0201	2441.024	1.0039	0.64	PASS
GFSK	DH5	2440.1749	2441.162	0.9871	0.639	PASS
GFSK	DH5	2440.1734	2441.1551	0.9817	0.639	PASS
$\pi/4$ DQPSK	2-DH1	2439.8428	2441.0051	1.1623	0.86	PASS
$\pi/4$ DQPSK	2-DH1	2439.8449	2440.8425	0.9976	0.865	PASS
$\pi/4$ DQPSK	2-DH1	2439.8365	2440.8344	0.9979	0.85	PASS
8DPSK	3-DH1	2439.8449	2440.8407	0.9958	0.839	PASS
8DPSK	3-DH1	2439.8371	2441.0144	1.1773	0.841	PASS
8DPSK	3-DH1	2439.8245	2441.0126	1.1881	0.84	PASS

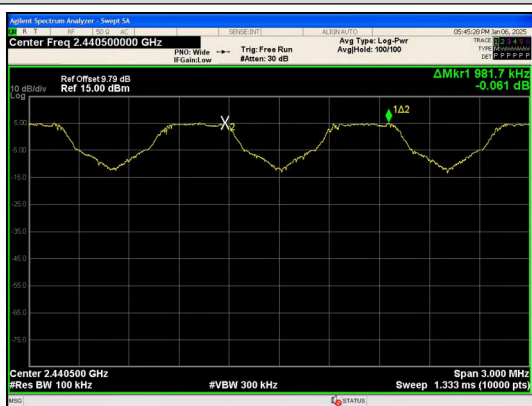
Test Graphs



GFSK



GFSK



GFSK


 $\pi/4$ DQPSK


 $\pi/4$ DQPSK

 $\pi/4$ DQPSK


8DPSK



8DPSK



8DPSK

Conducted Out Of Band Emission

Test Result

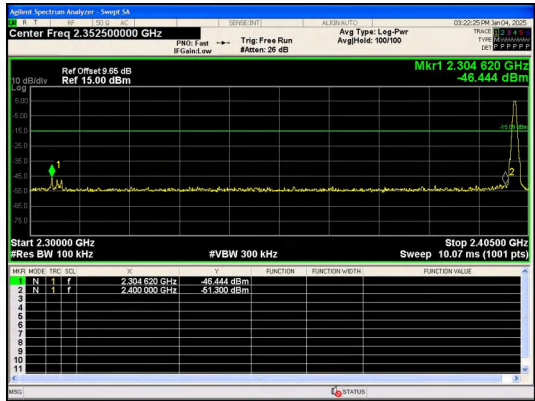
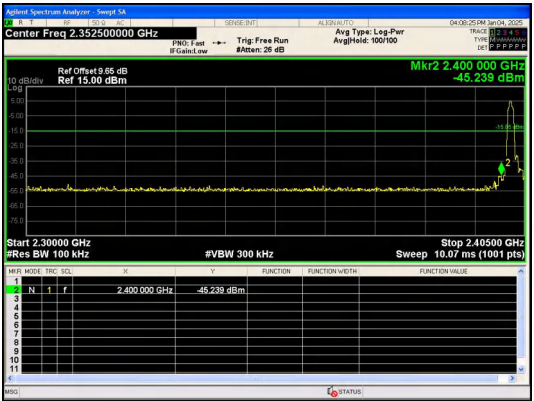
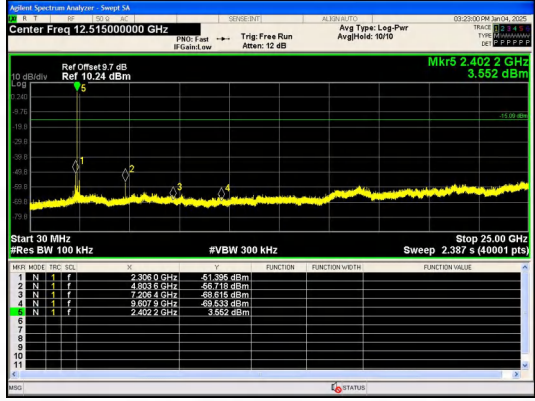
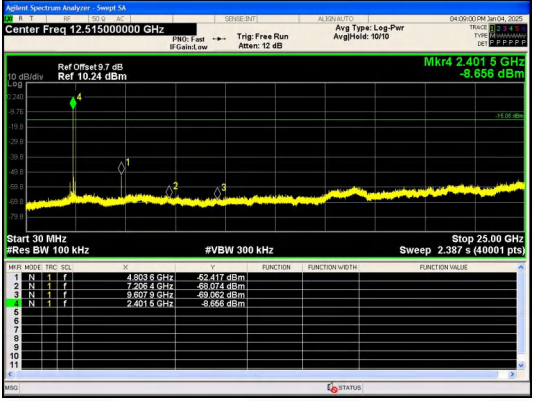
Non-Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2304.62	-46.444	-15.09	-31.354	PASS
			2306.00	-51.395	-15.09	-36.305	PASS
			2400.00	-51.300	-15.09	-36.210	PASS
			4803.60	-56.718	-15.09	-41.628	PASS
			7206.40	-68.615	-15.09	-53.525	PASS
			9607.90	-69.533	-15.09	-54.443	PASS
		39	2340.35	-50.211	-14.93	-35.281	PASS
			4882.30	-56.480	-14.93	-41.550	PASS
			7323.74	-66.872	-14.93	-51.942	PASS
			9764.55	-68.938	-14.93	-54.008	PASS
		78	2379.05	-51.418	-14.92	-36.498	PASS
			2483.50	-53.612	-14.92	-38.692	PASS
			4960.33	-55.884	-14.92	-40.964	PASS
			7439.85	-67.156	-14.92	-52.236	PASS
			9919.99	-69.428	-14.92	-54.508	PASS
$\pi/4$ DQPSK	2-DH1	0	2400.00	-45.239	-15.05	-30.189	PASS
			4803.64	-52.417	-15.05	-37.367	PASS
			7206.38	-68.074	-15.05	-53.024	PASS
			9607.87	-69.062	-15.05	-54.012	PASS
		39	4881.67	-50.162	-15.06	-35.102	PASS
			7323.74	-67.097	-15.06	-52.037	PASS
			9764.55	-68.748	-15.06	-53.688	PASS
		78	2379.68	-51.949	-14.97	-36.979	PASS
			2483.50	-46.412	-14.97	-31.442	PASS
			4960.33	-54.472	-14.97	-39.502	PASS
			7440.47	-67.938	-14.97	-52.968	PASS
			9920.62	-69.587	-14.97	-54.617	PASS
8DPSK	3-DH1	0	2400.00	-46.497	-14.96	-31.537	PASS
			4804.26	-51.545	-14.96	-36.585	PASS
			7205.75	-67.159	-14.96	-52.199	PASS
			9607.24	-68.872	-14.96	-53.912	PASS
		39	2344.72	-51.757	-14.93	-36.827	PASS
			4881.67	-53.986	-14.93	-39.056	PASS
			7323.11	-67.893	-14.93	-52.963	PASS
			9763.93	-68.950	-14.93	-54.020	PASS
		78	2483.50	-46.874	-14.83	-32.044	PASS
			4960.33	-53.690	-14.83	-38.860	PASS

			7439.22	-68.510	-14.83	-53.680	PASS
			9919.37	-70.126	-14.83	-55.296	PASS

Note:The maximum loss of the test system for testing at 30MHz-26.5GHz is 17.2dB. The offset on the test chart is the offset of the main frequency, and the margin is sufficient to offset the difference between the maximum loss of the system and the offset of the main frequency

Test Graphs

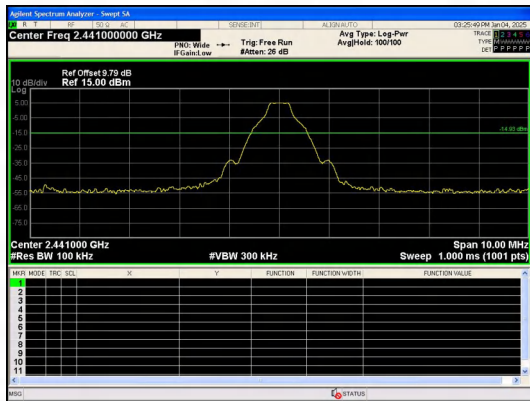
	
In-Band Reference Level GFSK_DH5_Channel 0	In-Band Reference Level $\pi/4$DQPSK_2-DH1_Channel 0
	
Out Of Band Emission GFSK_DH5_Channel 0	Out Of Band Emission $\pi/4$DQPSK_2-DH1_Channel 0
	
30.0 MHz - 25000.0 MHz GFSK_DH5_Channel 0	30.0 MHz - 25000.0 MHz $\pi/4$DQPSK_2-DH1_Channel 0



In-Band Reference Level
GFSK_DH5_Channel 39



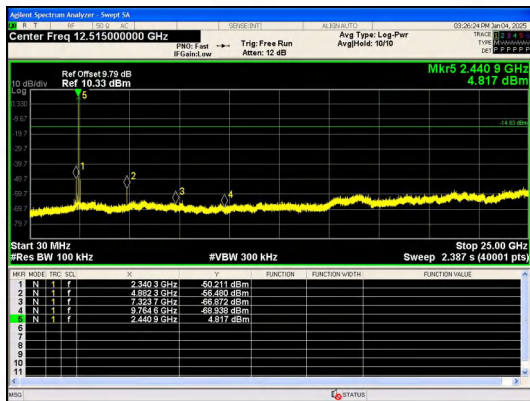
In-Band Reference Level
 $\pi/4$ DQPSK_2-DH1_Channel 39



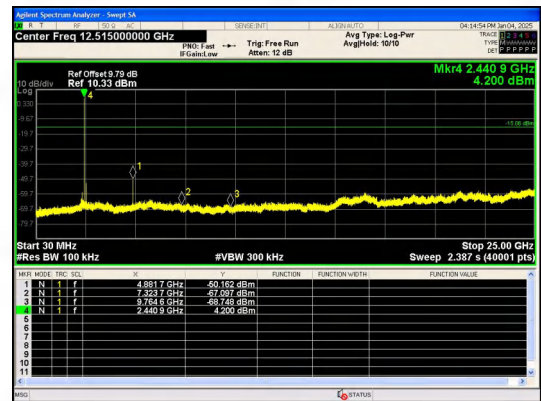
Out Of Band Emission
GFSK_DH5_Channel 39



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



30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 39



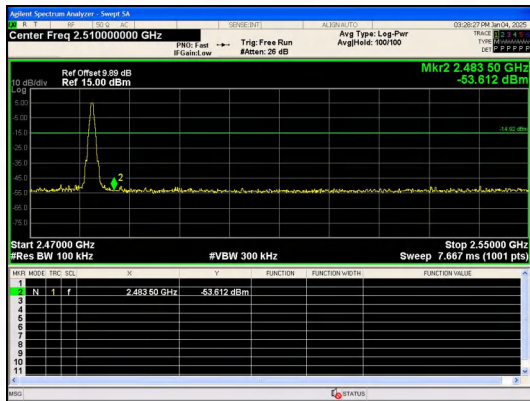
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH1_Channel 39



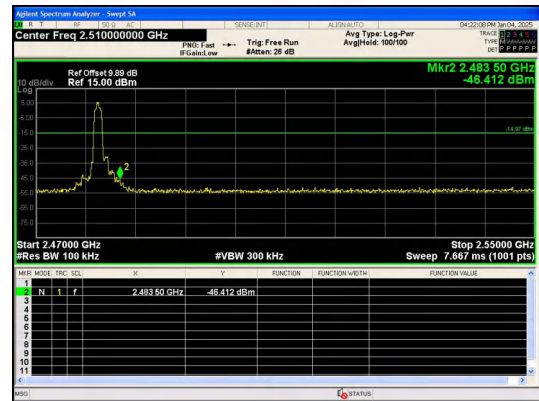
In-Band Reference Level
GFSK_DH5_Channel 78



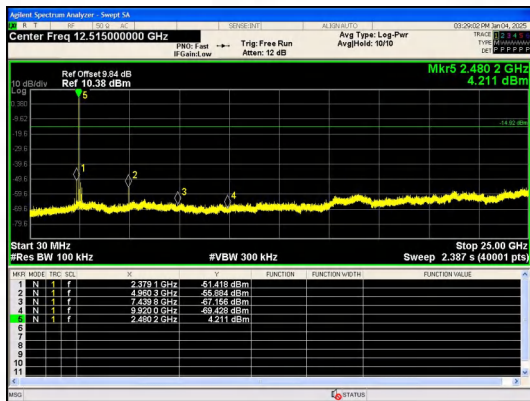
In-Band Reference Level
 $\pi/4$ DQPSK_2-DH1_Channel 78



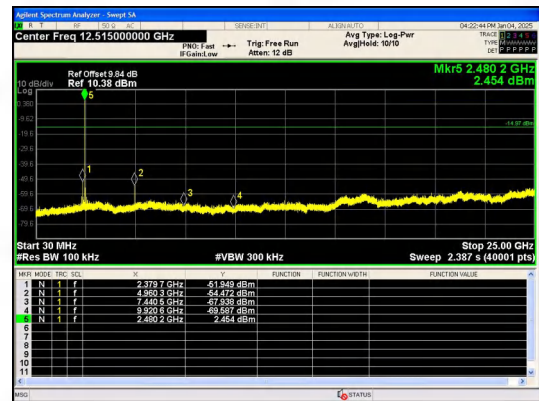
Out Of Band Emission
GFSK_DH5_Channel 78



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



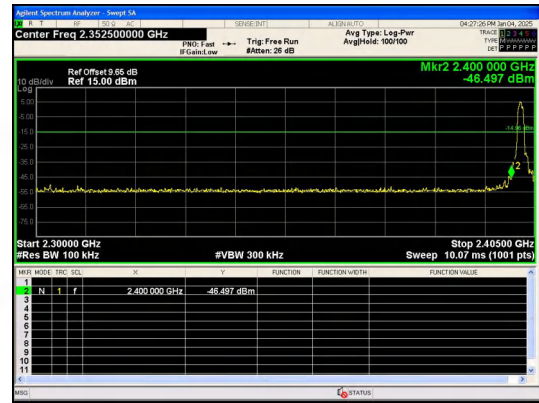
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 78



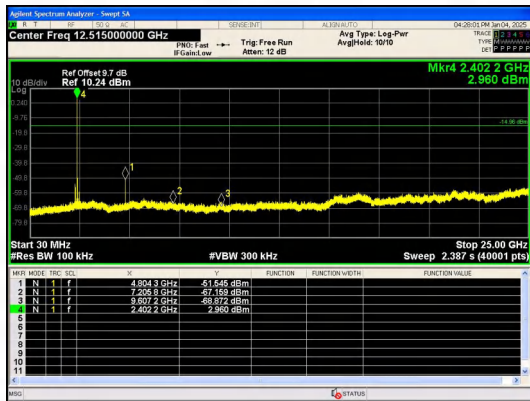
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH1_Channel 78



In-Band Reference Level
8DPSK_3-DH1_Channel 0



Out Of Band Emission
8DPSK_3-DH1_Channel 0



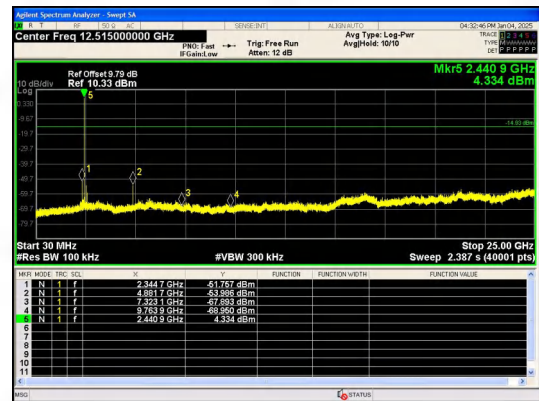
30.0 MHz - 25000.0 MHz
8DPSK_3-DH1_Channel 0



In-Band Reference Level
8DPSK_3-DH1_Channel 39



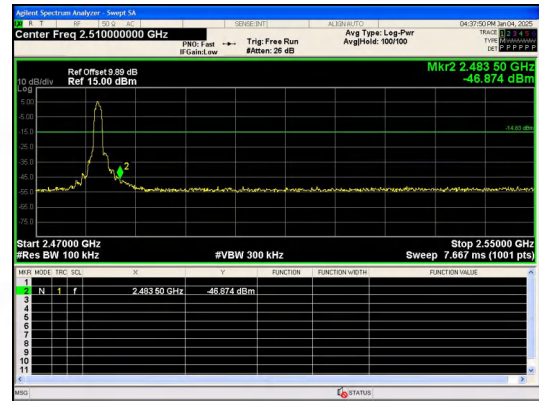
Out Of Band Emission
8DPSK_3-DH1_Channel 39



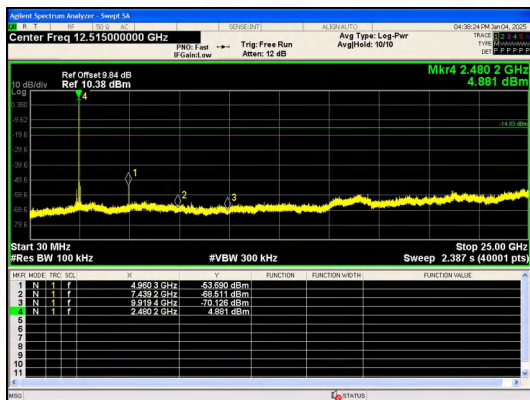
30.0 MHz - 25000.0 MHz
8DPSK_3-DH1_Channel 39



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