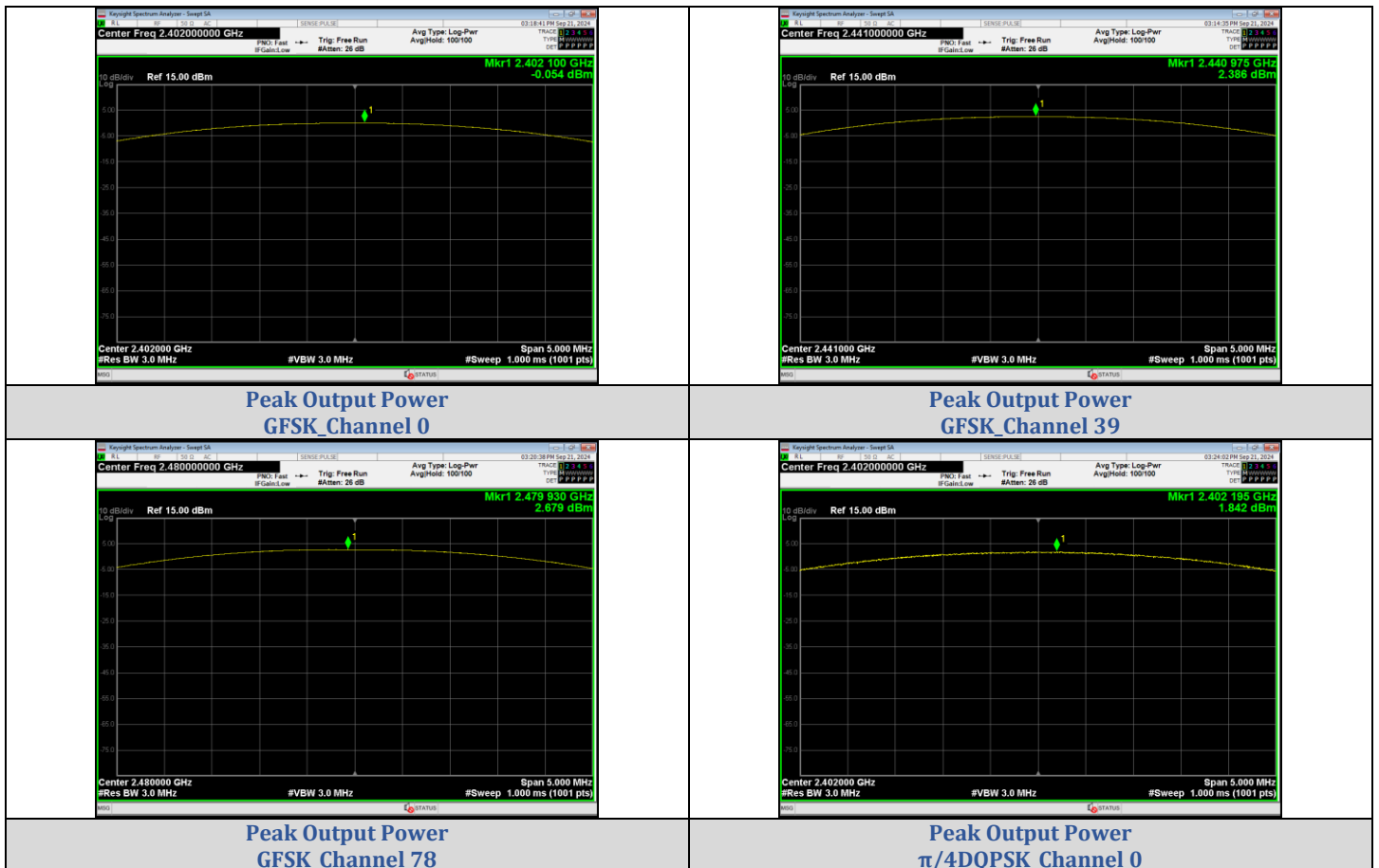
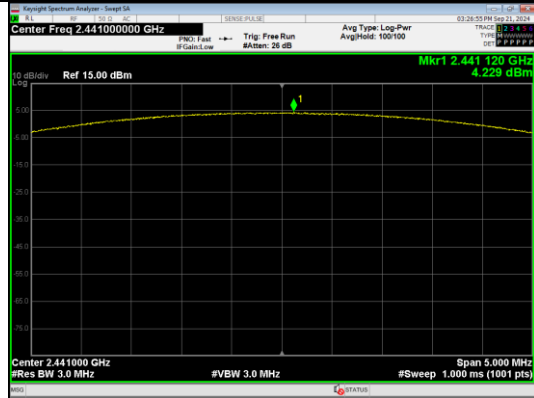


Conducted Output Power Test Result

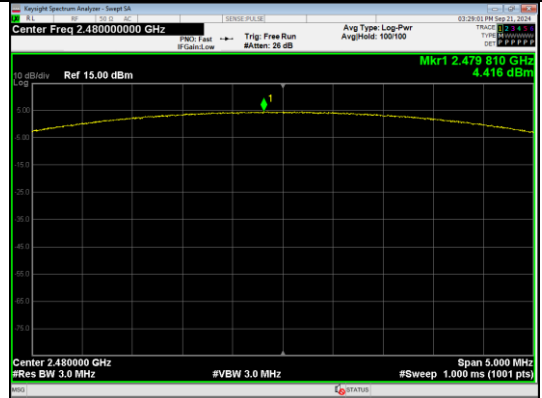
Modulation	Packet Type	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Max. Avg. Power (dBm)	Limit (dBm)	Result
GFSK	DH5	0	-0.054	0.988	None	≤30	PASS
		39	2.386	1.732	None		PASS
		78	2.679	1.853	None		PASS
π/4DQPSK	2-DH5	0	1.842	1.528	None	≤20.97	PASS
		39	4.229	2.648	None		PASS
		78	4.416	2.764	None		PASS
8DPSK	3-DH5	0	2.054	1.605	None		PASS
		39	4.477	2.803	None		PASS
		78	4.751	2.986	None		PASS

Test Graphs

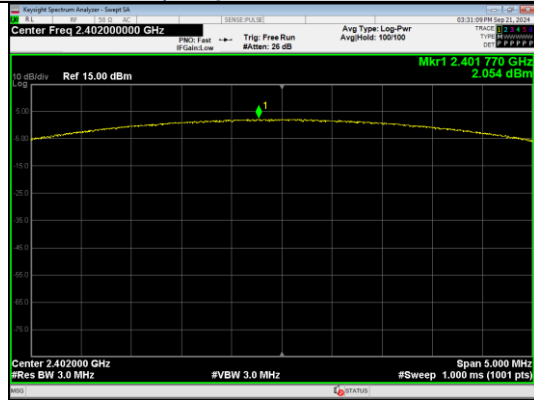




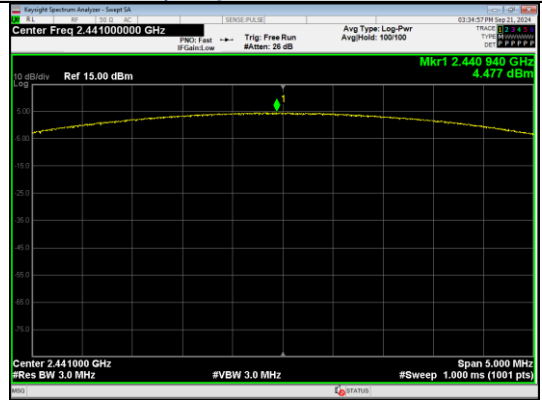
**Peak Output Power
 $\pi/4$ DQPSK_Channel 39**



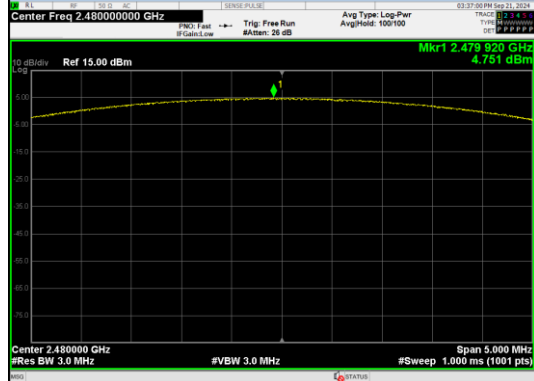
**Peak Output Power
 $\pi/4$ DQPSK_Channel 78**



**Peak Output Power
8DPSK_Channel 0**



**Peak Output Power
8DPSK_Channel 39**

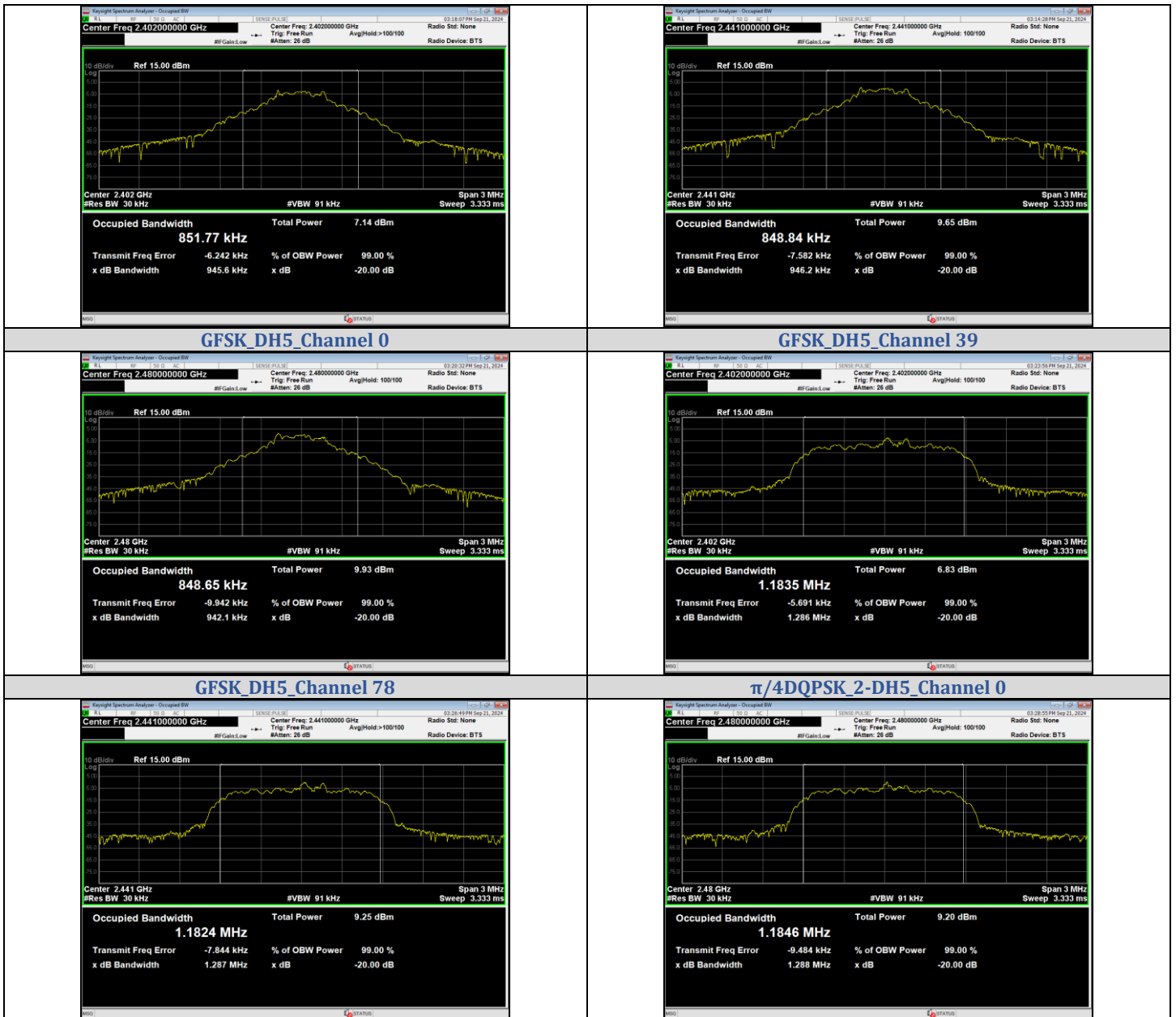


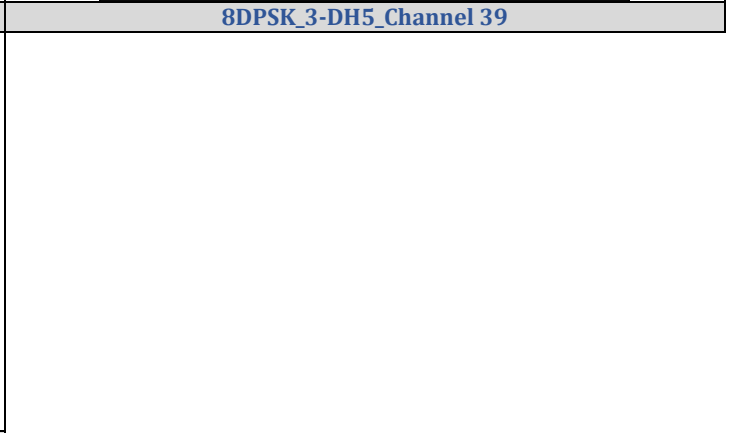
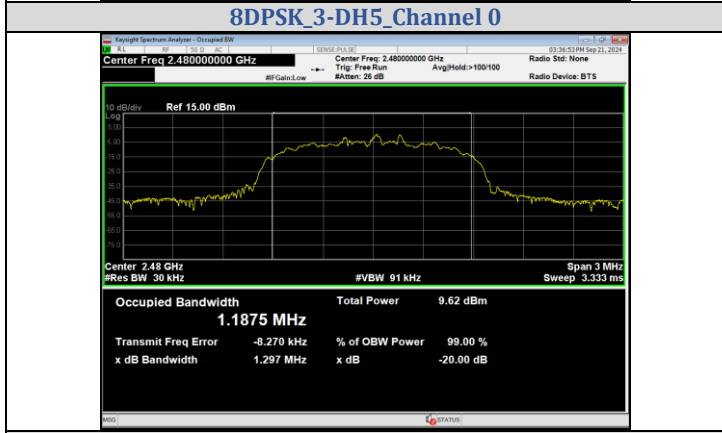
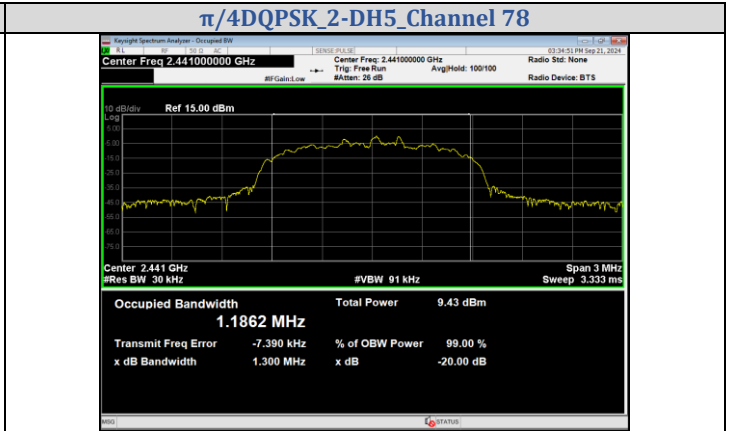
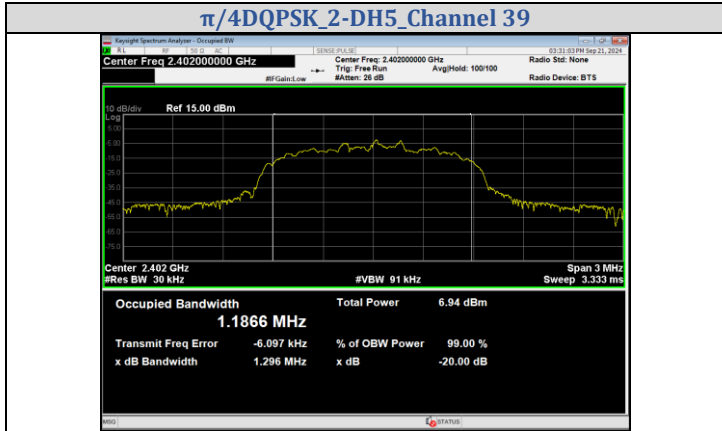
**Peak Output Power
8DPSK_Channel 78**

20dB Bandwidth Test Result

Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.9456
	39	2441 MHz	0.9462
	78	2480 MHz	0.9421
$\pi/4$ DQPSK	0	2402 MHz	1.286
	39	2441 MHz	1.287
	78	2480 MHz	1.288
8DPSK	0	2402 MHz	1.296
	39	2441 MHz	1.300
	78	2480 MHz	1.297

Test Graphs





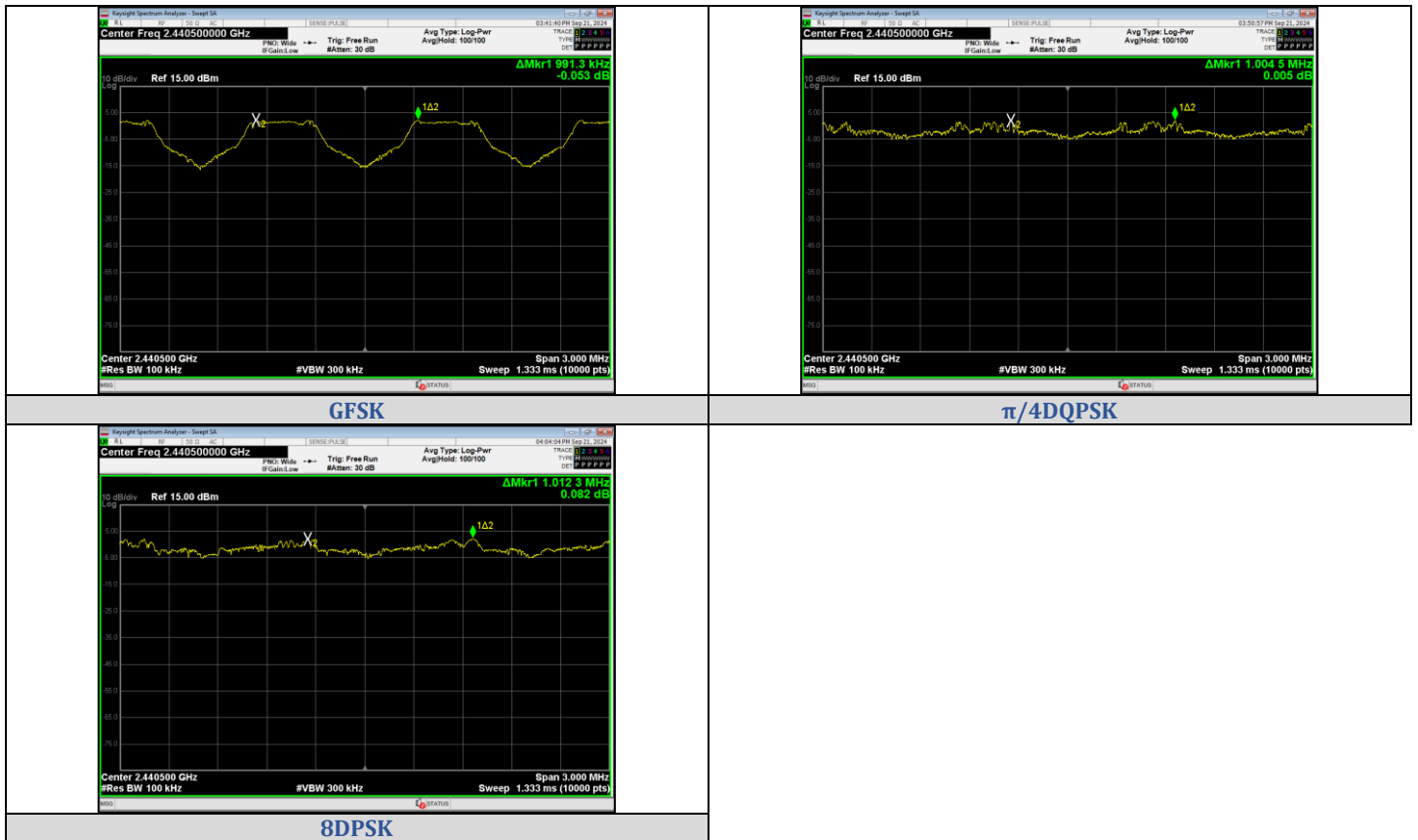
8DPSK_3-DH5_Channel 78

Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2439.8332	2440.8245	0.9913	0.628	PASS
$\pi/4$ DQPSK	2-DH5	2440.1536	2441.1581	1.0045	0.859	PASS
8DPSK	3-DH5	2440.1491	2441.1614	1.0123	0.865	PASS

Test Graphs



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	-60.578	-20.32	-40.258	PASS	
			4804.38	-63.624	-20.32	-43.304	PASS	
			7205.93	-62.119	-20.32	-41.799	PASS	
			9608.73	-66.557	-20.32	-46.237	PASS	
			24770.3	-50.571	-20.32	-30.251	PASS	
		39	4881.79	-65.439	-17.83	-47.609	PASS	
			7322.67	-59.142	-17.83	-41.312	PASS	
			9764.17	-64.315	-17.83	-46.485	PASS	
		78	24888.9	-50.317	-17.83	-32.487	PASS	
			1885.94	-41.917	-17.54	-24.377	PASS	
			2483.50	-60.779	-17.54	-43.239	PASS	
			4960.45	-64.769	-17.54	-47.229	PASS	
	7439.41	-59.596	-17.54	-42.056	PASS			
	9920.24	-66.640	-17.54	-49.100	PASS			
	π/4DQPSK	2-DH5	0	2400.00	-59.030	-20.45	-38.580	PASS
				4803.13	-65.506	-20.45	-45.056	PASS
7206.56				-63.928	-20.45	-43.478	PASS	
9607.48				-66.295	-20.45	-45.845	PASS	
24584.9			-50.303	-20.45	-29.853	PASS		
39	4882.42	-63.645	-18.02	-45.625	PASS			
	7323.30	-59.879	-18.02	-41.859	PASS			
	9763.55	-67.076	-18.02	-49.056	PASS			
78	24861.4	-50.127	-18.02	-32.107	PASS			
	2483.50	-61.715	-17.8	-43.915	PASS			
	4960.45	-65.460	-17.8	-47.660	PASS			
	7439.41	-59.700	-17.8	-41.900	PASS			
	9920.24	-68.025	-17.8	-50.225	PASS			
	24850.2	-50.132	-17.8	-32.332	PASS			
	8DPSK	3-DH5	0	2400.00	-59.990	-20.31	-39.680	PASS
				4803.13	-64.730	-20.31	-44.420	PASS
7206.56				-62.040	-20.31	-41.730	PASS	
9608.11				-65.265	-20.31	-44.955	PASS	
24712.2				-50.747	-20.31	-30.437	PASS	
39			4882.42	-65.242	-17.86	-47.382	PASS	
			7323.92	-61.972	-17.86	-44.112	PASS	
			9764.17	-66.759	-17.86	-48.899	PASS	
78			24980.7	-50.157	-17.86	-32.297	PASS	
			2483.50	-59.627	-17.61	-42.017	PASS	
			4960.45	-65.567	-17.61	-47.957	PASS	
			7440.66	-56.666	-17.61	-39.056	PASS	
	9919.62	-67.081	-17.61	-49.471	PASS			
	24831.5	-50.514	-17.61	-32.904	PASS			

Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2398.75	-61.387	-20.19	-41.197	PASS

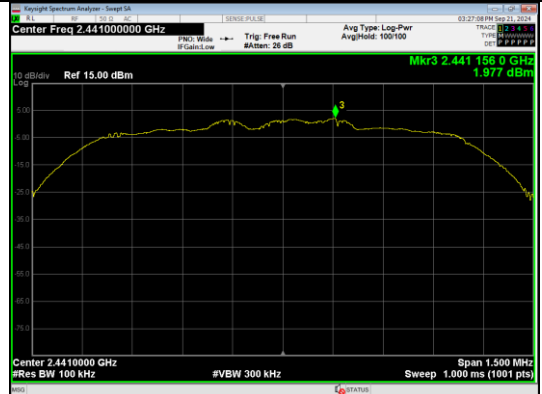
π/4DQPSK	2-DH5	2400.00	-62.772	-20.19	-42.582	PASS
		2483.50	-61.309	-17.37	-43.939	PASS
		2400.00	-60.068	-20.55	-39.518	PASS
		2483.50	-61.973	-17.88	-44.093	PASS
8DPSK	3-DH5	2400.00	-61.351	-20.24	-41.111	PASS
		2483.50	-62.240	-17.45	-44.790	PASS

Test Graphs

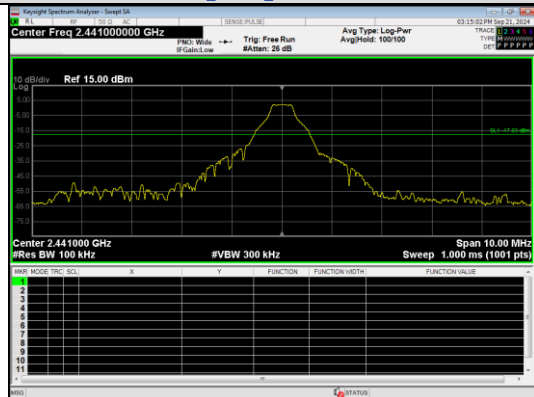
<p align="center">In-Band Reference Level GFSK_DH5_Channel 0</p>	<p align="center">In-Band Reference Level π/4DQPSK_2-DH5_Channel 0</p>
<p align="center">Out Of Band Emission GFSK_DH5_Channel 0</p>	<p align="center">Out Of Band Emission π/4DQPSK_2-DH5_Channel 0</p>
<p align="center">30.0 MHz - 25000.0 MHz GFSK_DH5_Channel 0</p>	<p align="center">30.0 MHz - 25000.0 MHz π/4DQPSK_2-DH5_Channel 0</p>



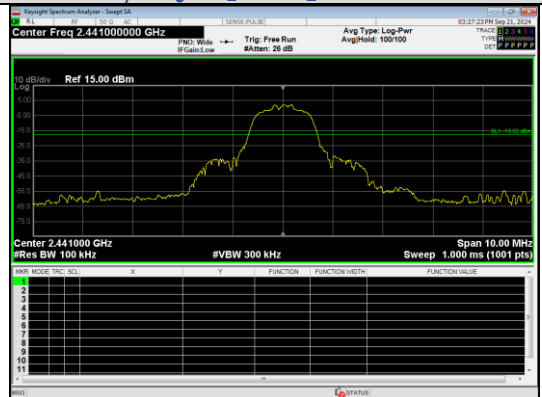
**In-Band Reference Level
GFSK_DH5_Channel 39**



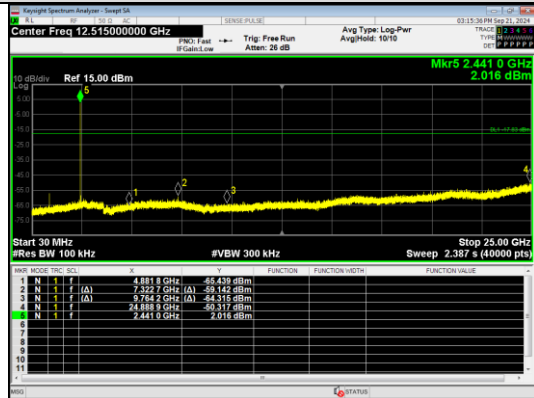
**In-Band Reference Level
 $\pi/4$ DQPSK_2-DH5_Channel 39**



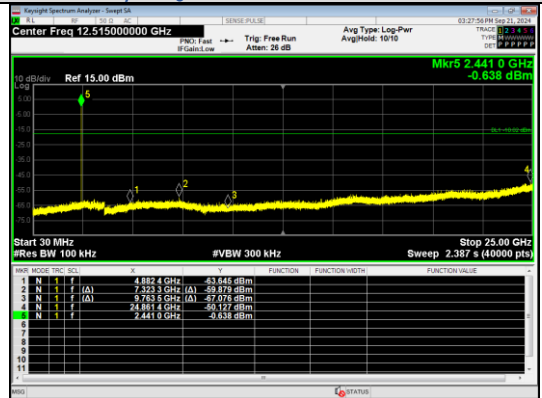
**Out Of Band Emission
GFSK_DH5_Channel 39**



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



**30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 39**



**30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 39**

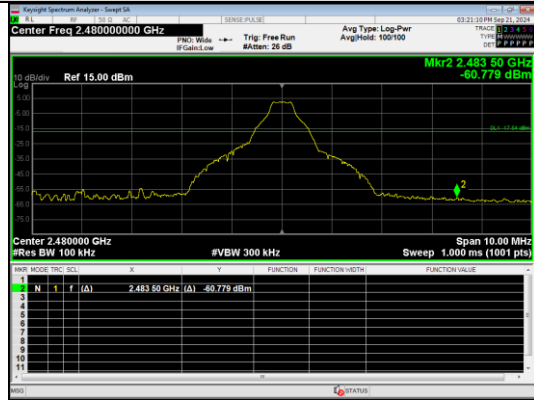


In-Band Reference Level

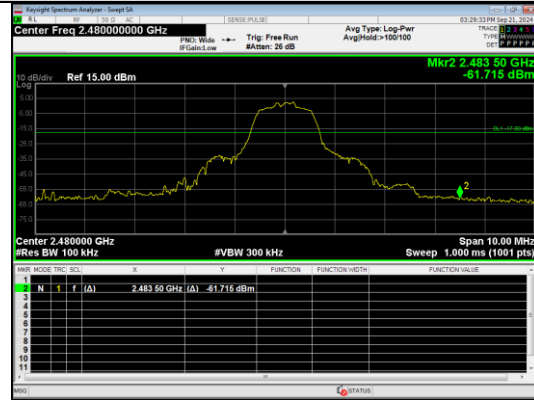


In-Band Reference Level

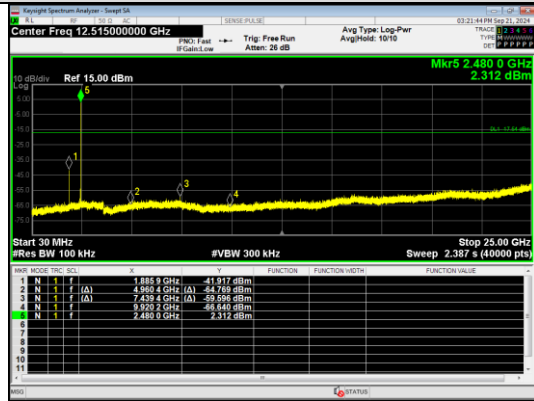
GFSK_DH5_Channel 78



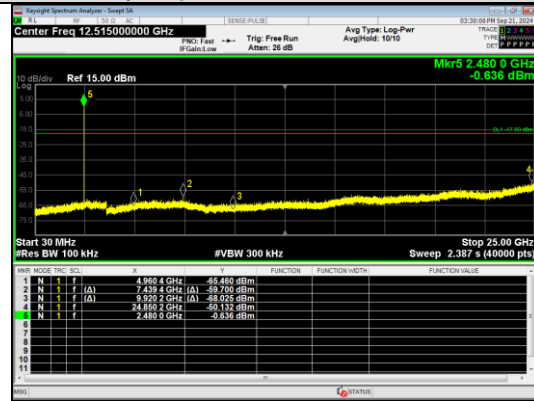
$\pi/4$ DQPSK_2-DH5_Channel 78



**Out Of Band Emission
GFSK_DH5_Channel 78**

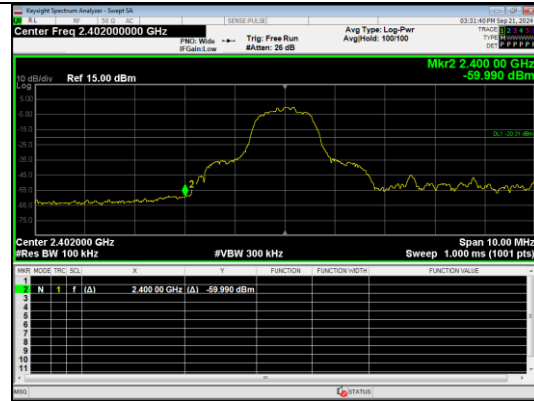
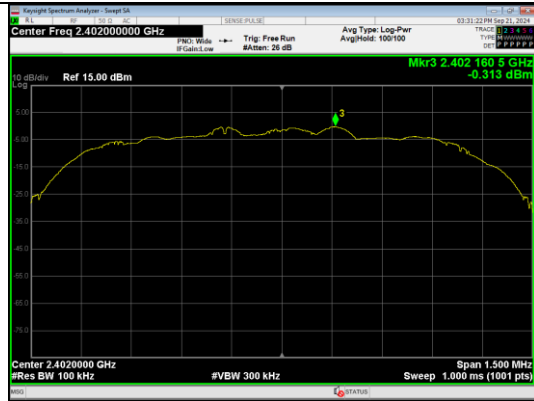


**Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78**



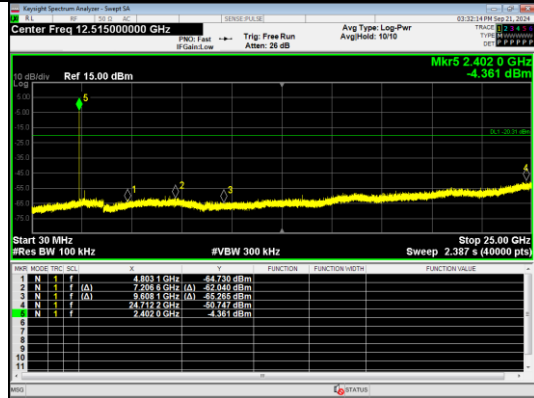
**30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 78**

**30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 78**

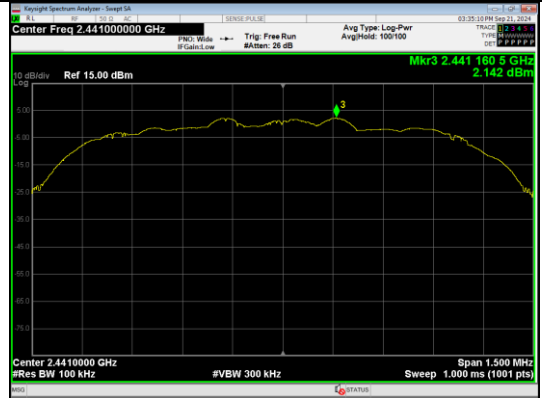


**In-Band Reference Level
8DPSK_3-DH5_Channel 0**

**Out Of Band Emission
8DPSK_3-DH5_Channel 0**



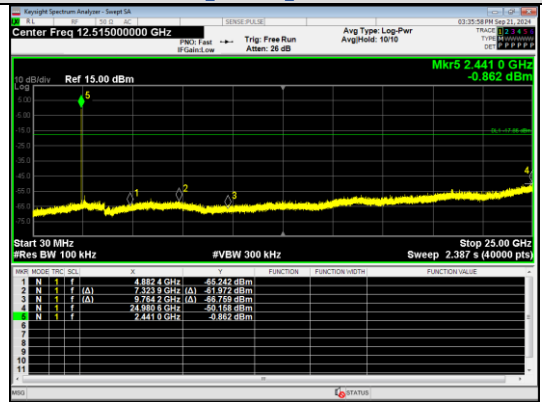
**30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 0**



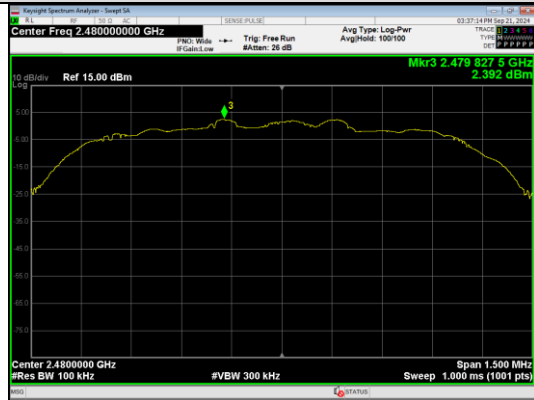
**In-Band Reference Level
8DPSK_3-DH5_Channel 39**



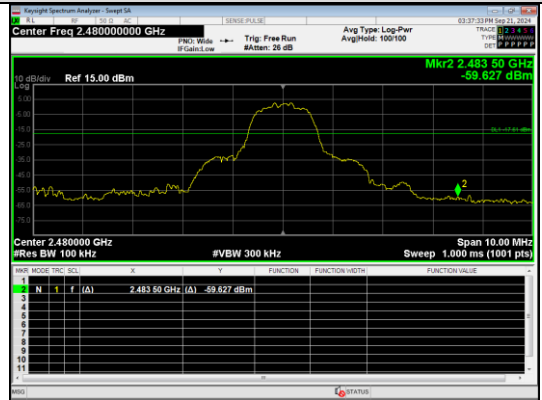
**Out Of Band Emission
8DPSK_3-DH5_Channel 39**



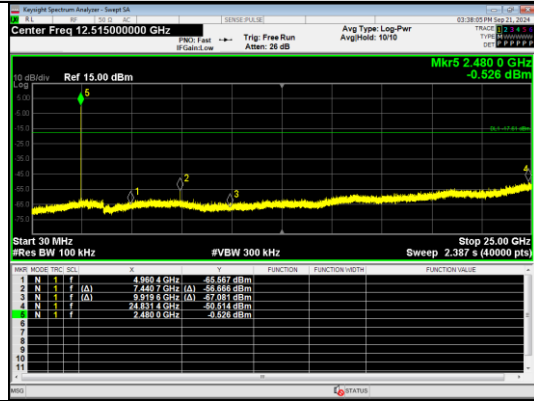
**30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39**



**In-Band Reference Level
8DPSK_3-DH5_Channel 78**



**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)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



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

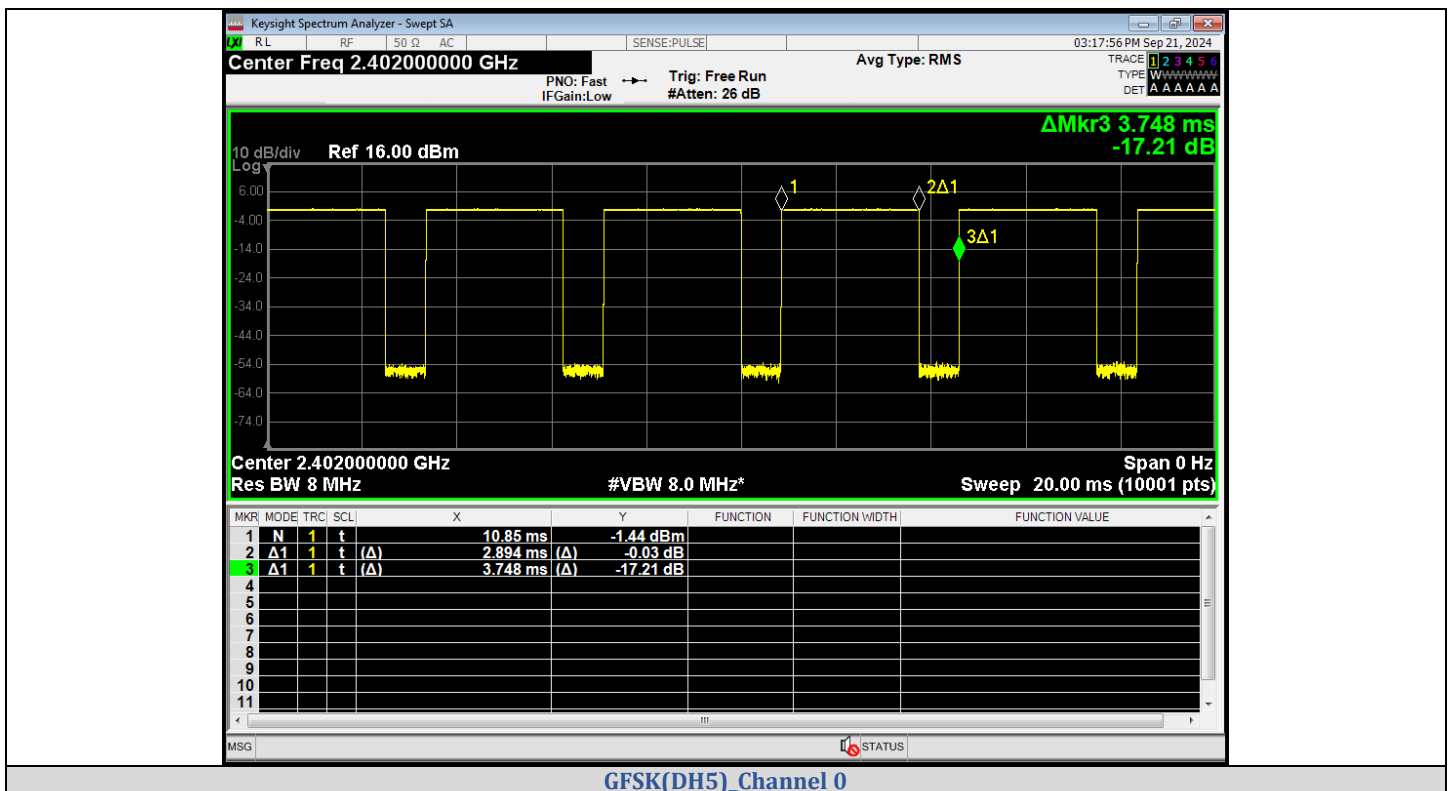


Out Of Band Emission(Right)
8DPSK_3-DH5_Channel Hopping

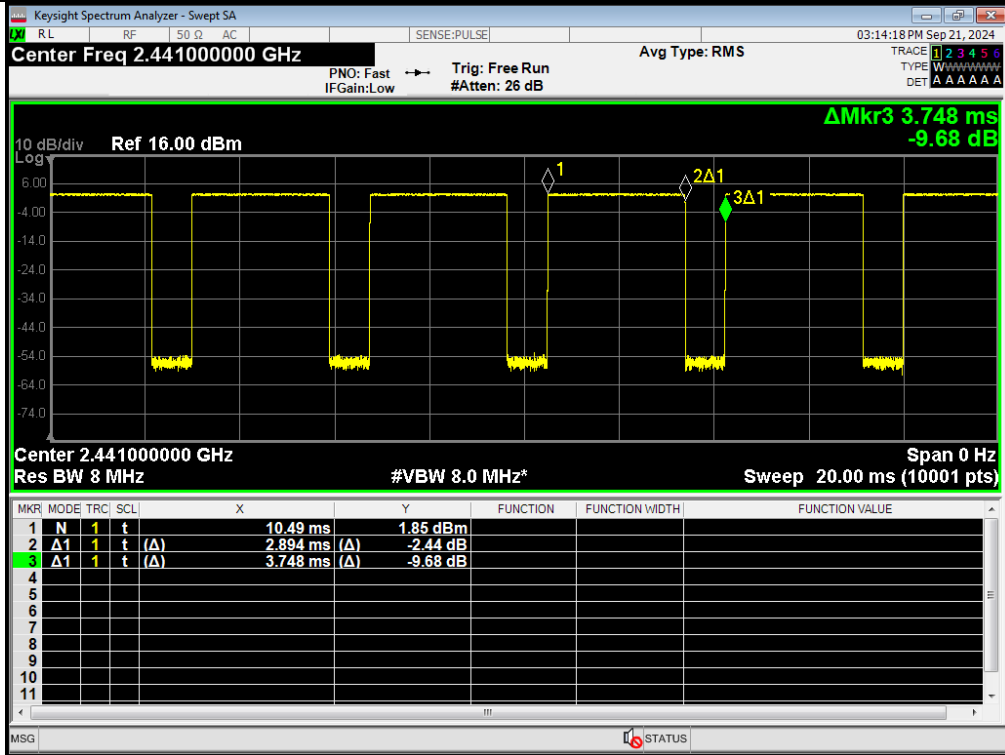
Duty Cycle Test Result

Modulation	Packets	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)
GFSK	DH5	0	2.894	3.748	77.21	0.7721	1.1233
		39	2.894	3.748	77.21	0.7721	1.1233
		78	2.896	3.748	77.27	0.7727	1.1199
$\pi/4$ DQPSK	2-DH5	0	2.882	3.748	76.89	0.7689	1.1413
		39	2.882	3.748	76.89	0.7689	1.1413
		78	2.884	3.748	76.95	0.7695	1.1379
8DPSK	3-DH5	0	2.884	3.748	76.95	0.7695	1.1379
		39	2.882	3.748	76.89	0.7689	1.1413
		78	2.884	3.748	76.95	0.7695	1.1379

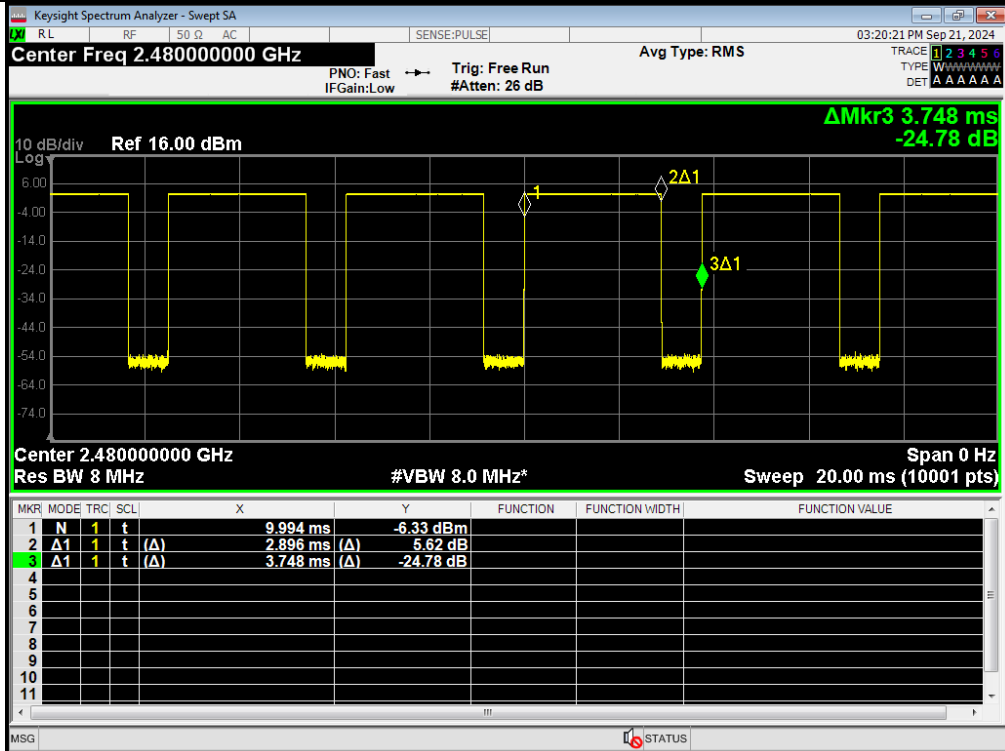
Test Graphs



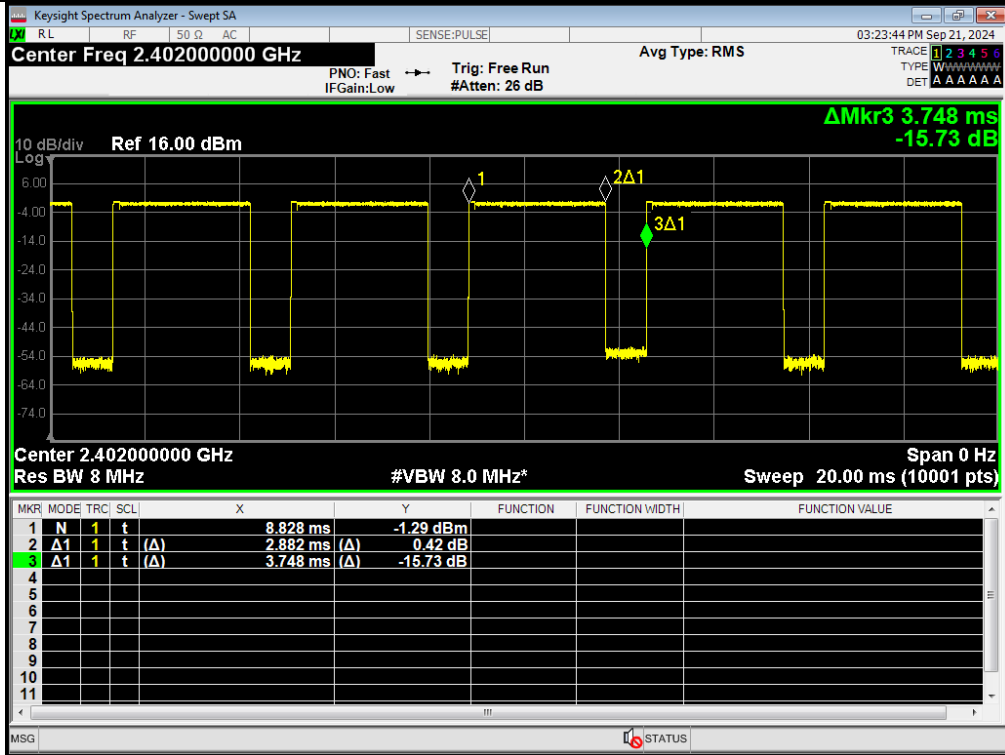
GFSK(DH5)_Channel 0



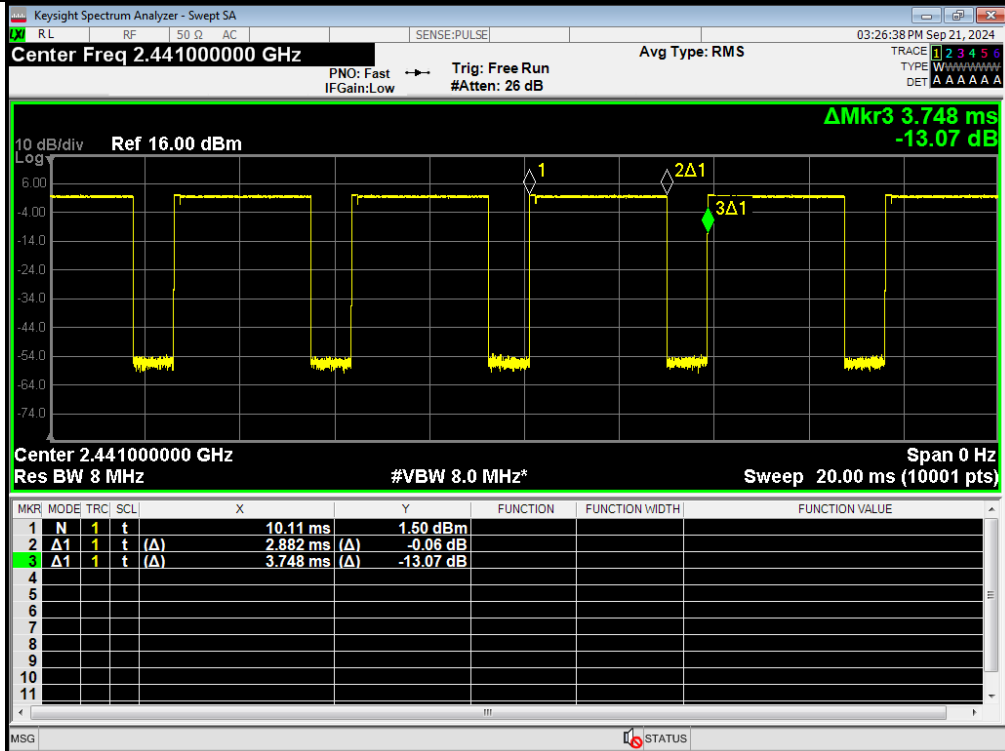
GFSK(DH5)_Channel 39



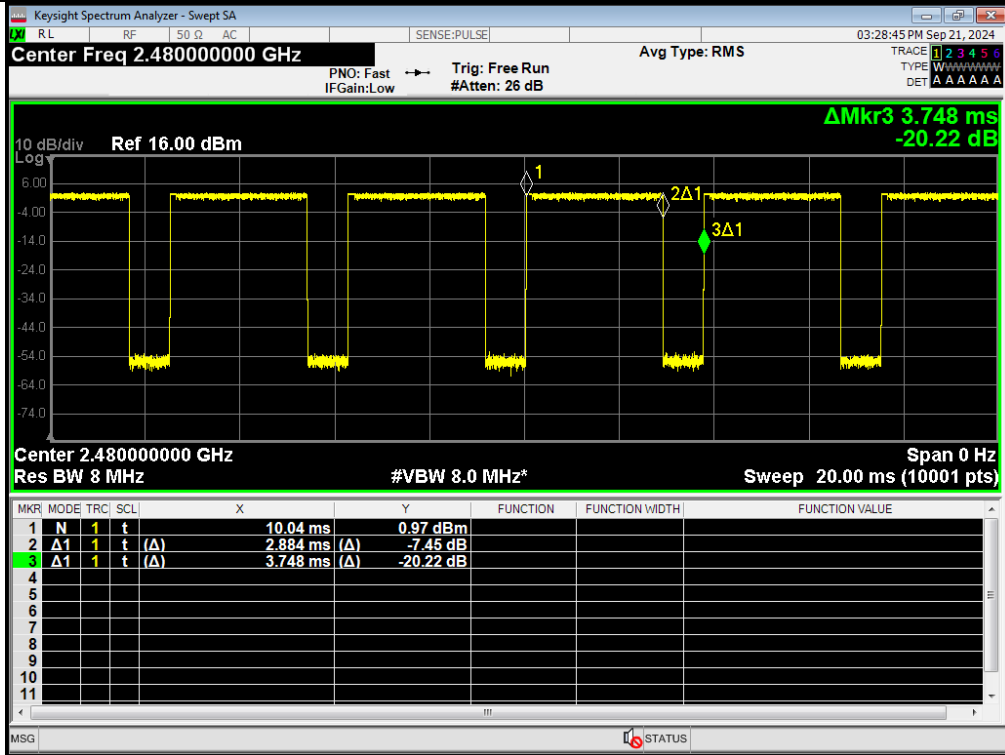
GFSK(DH5)_Channel 78



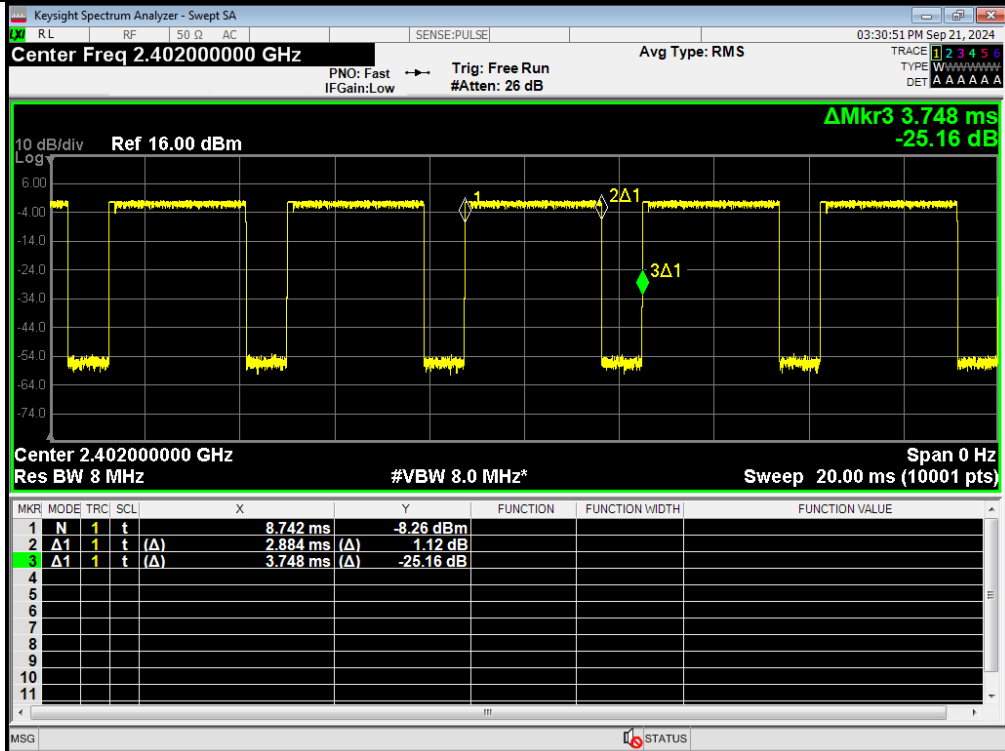
$\pi/4$ DQPSK(2-DH5)_Channel 0



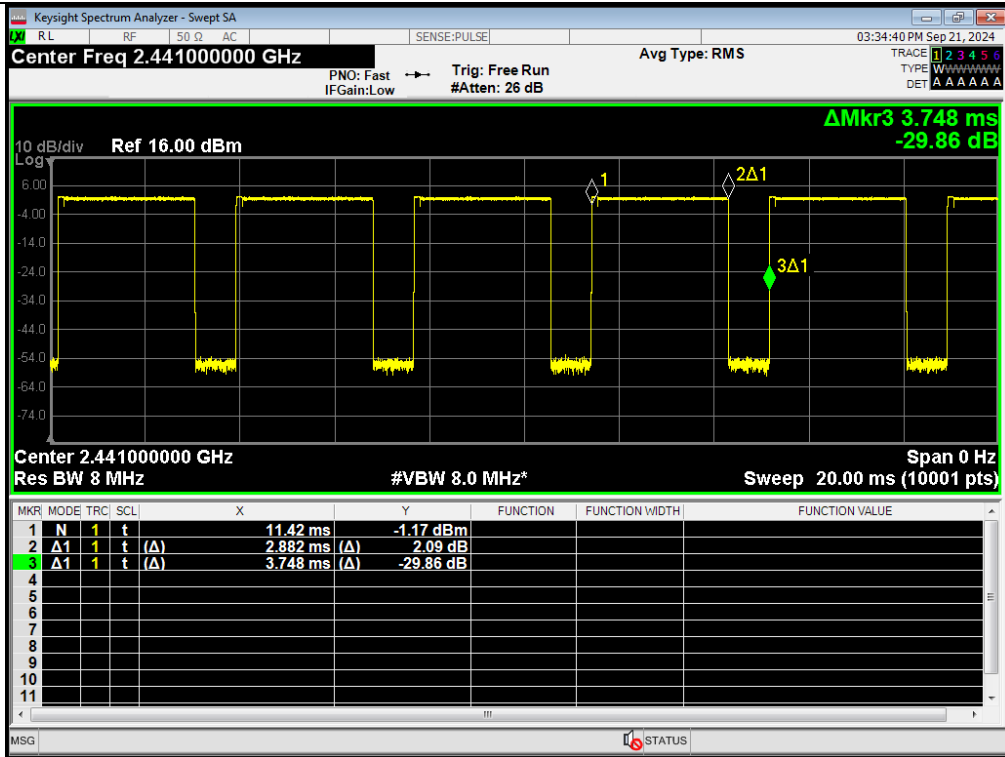
$\pi/4$ DQPSK(2-DH5)_Channel 39



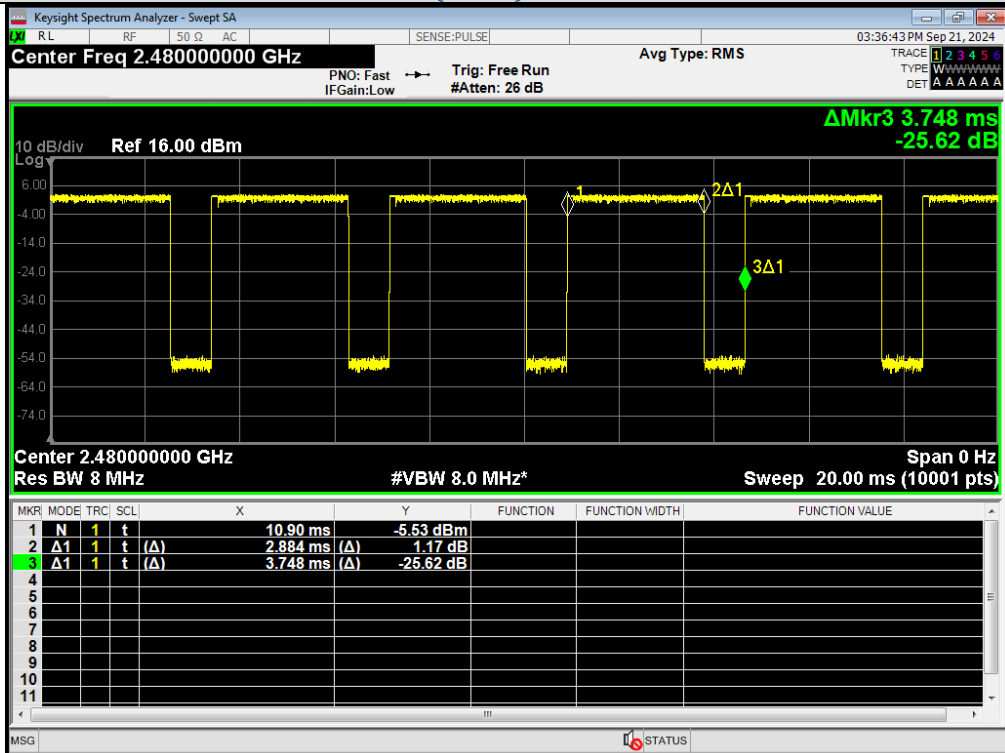
$\pi/4$ DQPSK(2-DH5)_Channel 78



8DPSK(3-DH5)_Channel 0



8DPSK(3-DH5)_Channel 39

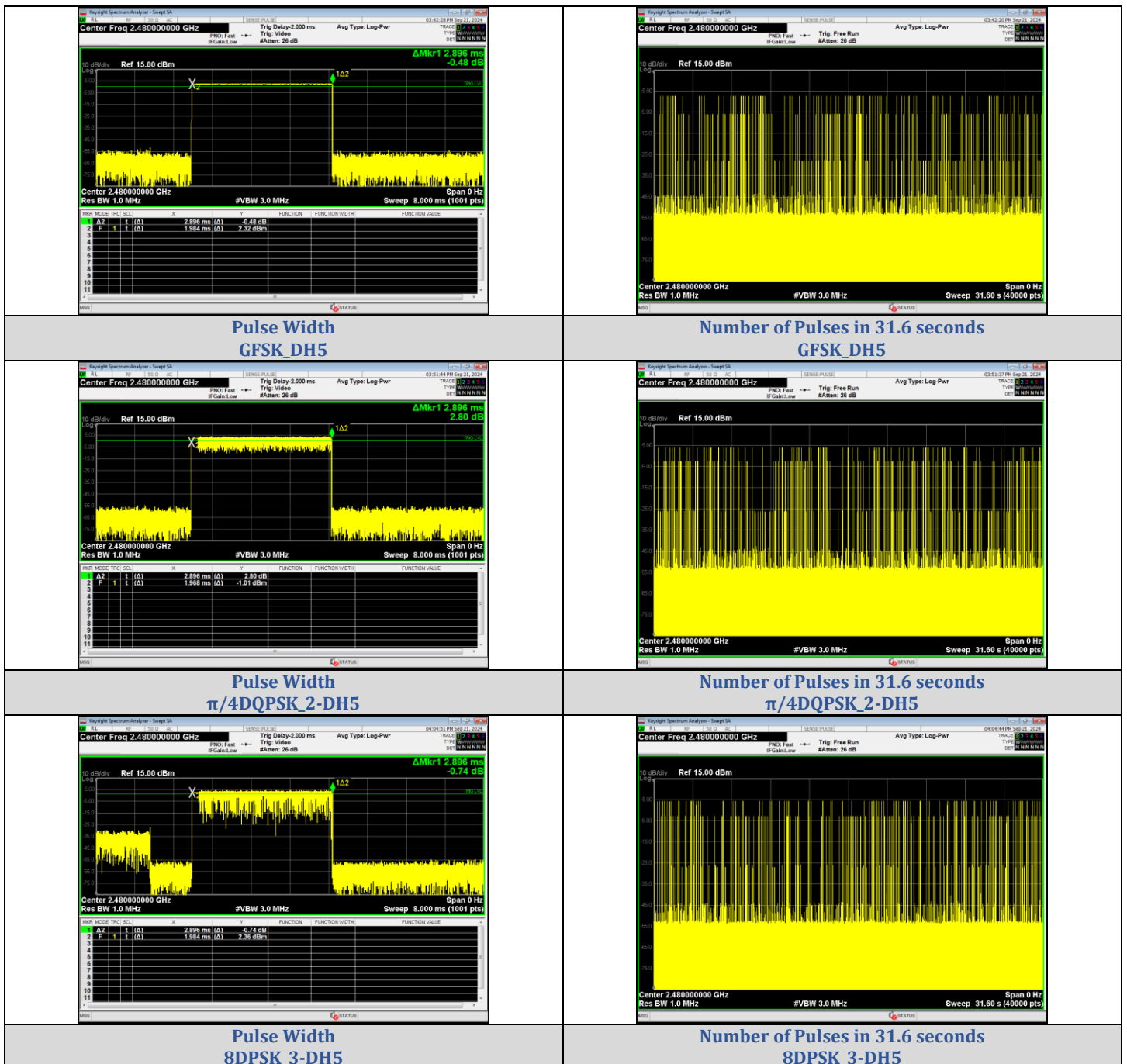


8DPSK(3-DH5)_Channel 78

Dwell Time Test Result

Modulation	Packet	Channel	Pulse Width (ms)	Number of Pulses in 31.6 seconds	Dwell Time (ms)	Limit (ms)	Result
GFSK	DH5	CH78 (2480MHz)	2.896	101	292.5	< 400	PASS
$\pi/4$ DQPSK	2-DH5		2.896	95	275.12		PASS
8DPSK	3-DH5		2.896	101	292.5		PASS

Test Graphs



Number Of Hopping Channel

Test Result

Modulation	Packet	Number of Hopping Channel	Limit	Result
GFSK	DH5	79	15	PASS
$\pi/4$ DQPSK	2-DH5	79	15	PASS
8DPSK	3-DH5	79	15	PASS

Test Graphs

