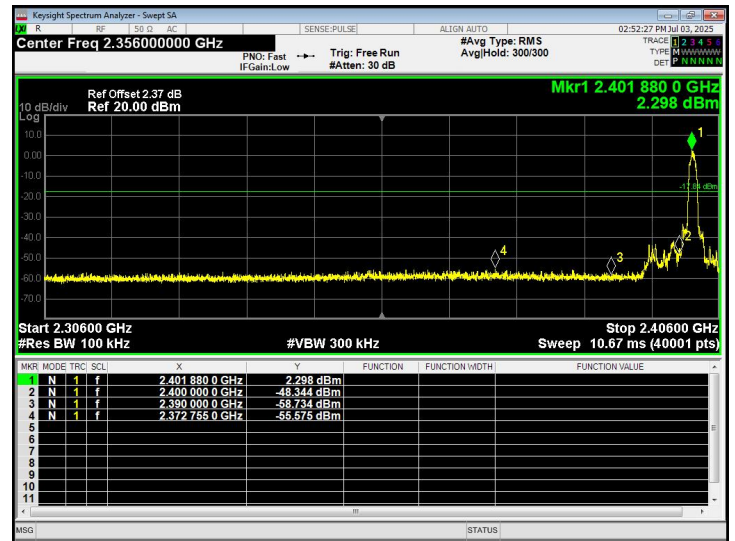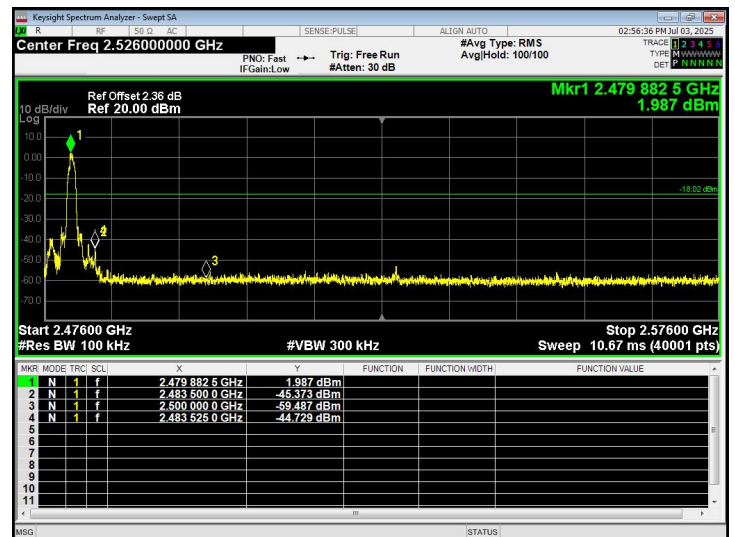## 8-DPSK - 3-DH1

No-hopping Band edge-left side

NO-hopping Band edge-left side

GFSK - 1-DH1

Hopping Band edge-left side

Hopping Band edge-left side

π/4-DQPSK - 2-DH1

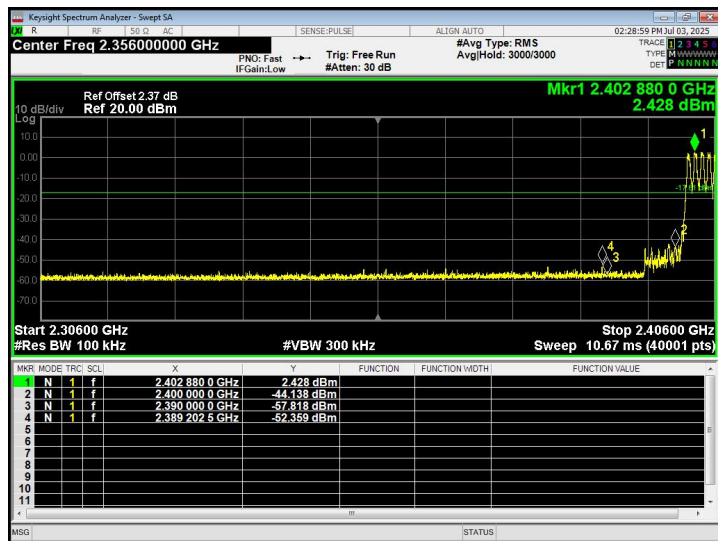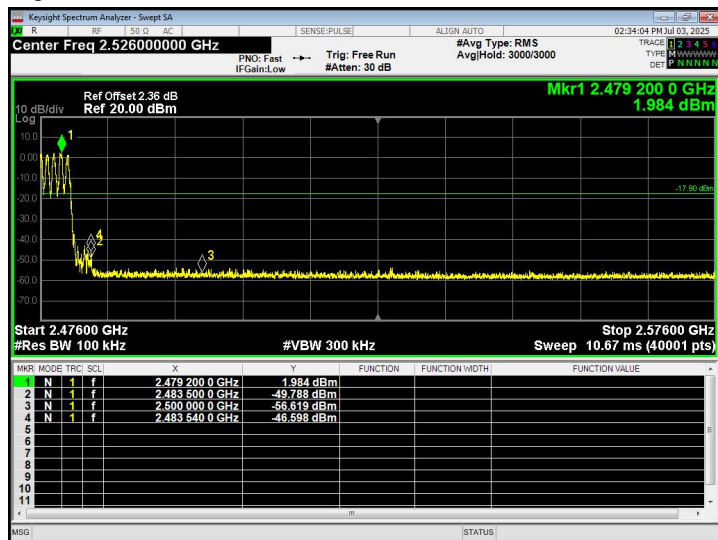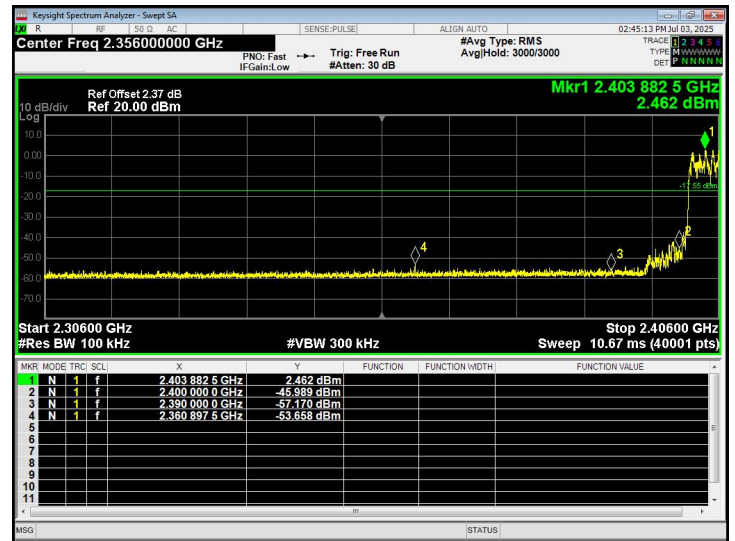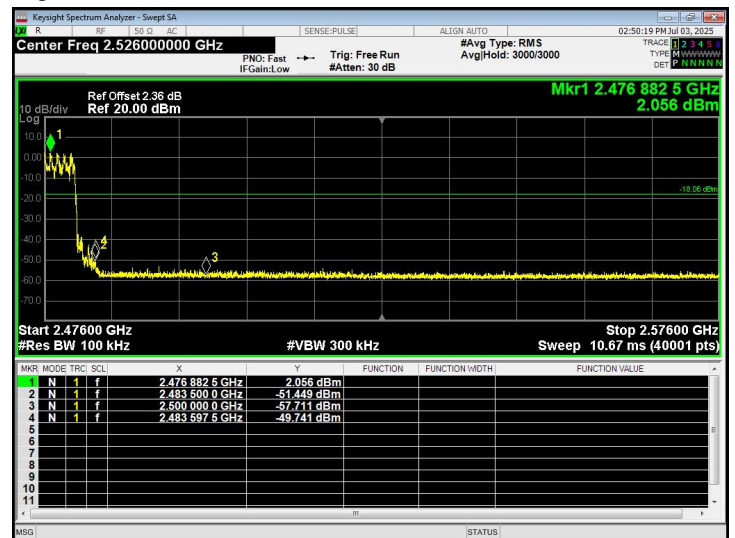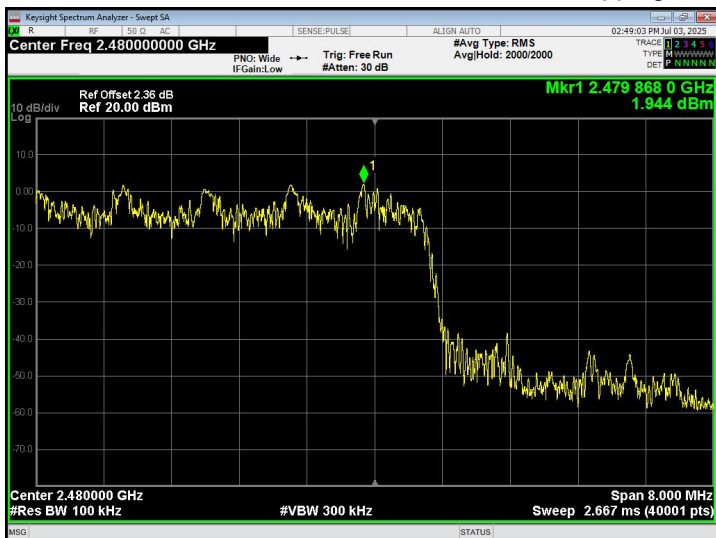Hopping Band edge-left side
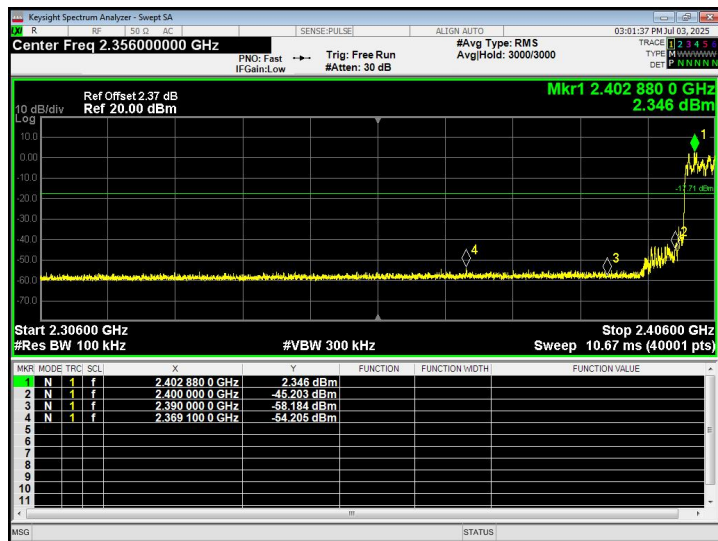

Hopping Band edge-left side
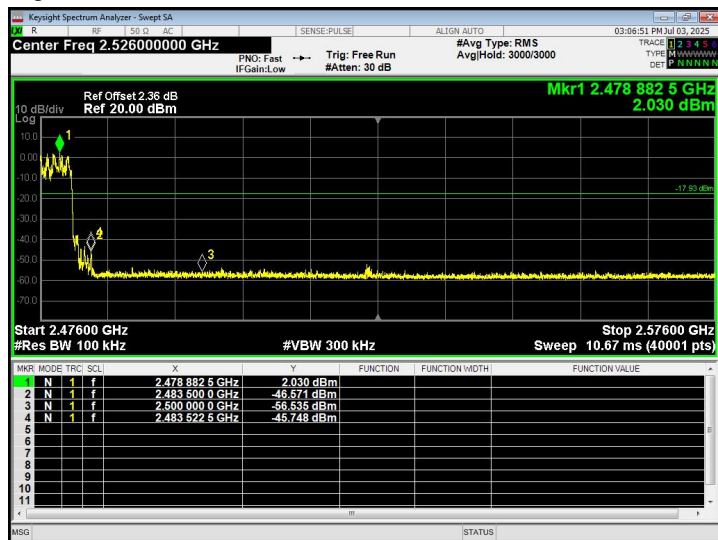
8-DPSK - 3-DH1

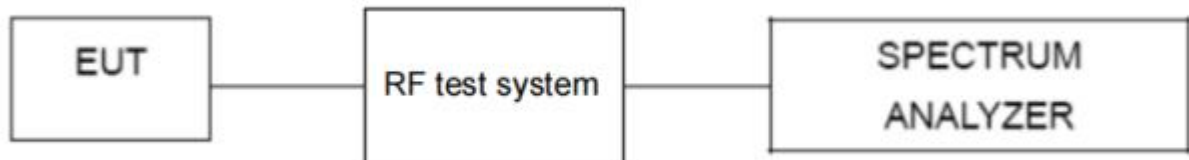Hopping Band edge-left side

Hopping Band edge-left side

7. 20DB OCCUPIED BANDWIDTH

Test Requirement:	FCC Part15 C Section 15.247 (a)(1)
Test Method:	ANSI C63.10:2013

7.1 TEST SETUP

7.2 LIMIT

N/A

7.3 TEST PROCEDURE

1. Set RBW = 30 kHz.

2. Set the video bandwidth (VBW) ≥ 3 x RBW.

3. Detector = Peak.

4. Trace mode = max hold.

5. Sweep = auto couple.

6. Allow the trace to stabilize.

7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 20 dB relative to the maximum level measured in the fundamental emission.

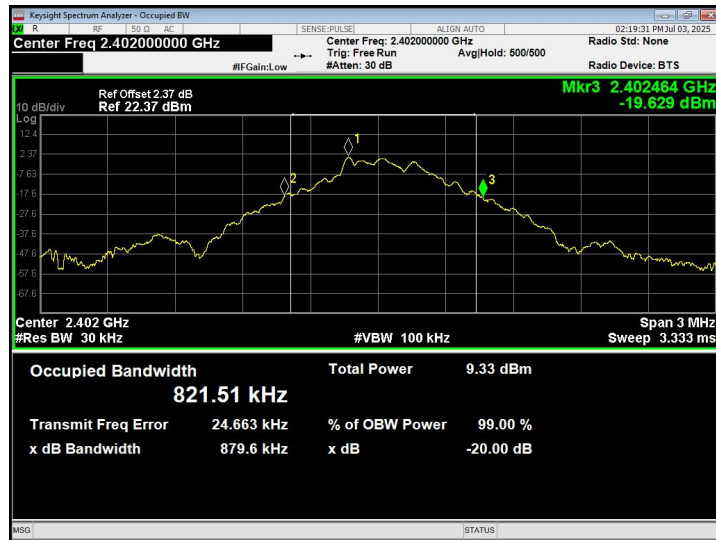### 7.4 DEVIATION FROM STANDARD

No deviation.

7.5 TEST RESULT

Modulation	Packet	Test Channel	20dB Occupied Bandwidth (MHz)	Result
GFSK	1-DH1	Lowest	0.880	Pass
		Middle	0.875	
		Highest	0.876	
π/4-DQPSK	2-DH1	Lowest	1.255	Pass
		Middle	1.253	
		Highest	1.25	
8-DPSK	3-DH1	Lowest	1.242	Pass
		Middle	1.244	
		Highest	1.238	

GFSK - 1-DH1 Test plots

Low Channel

Middle Channel
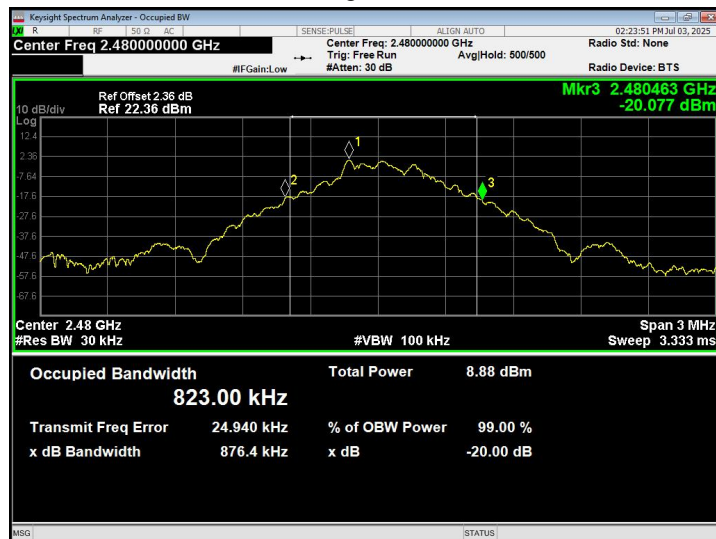
High Channel

π/4-DQPSK - 2-DH1 Test plots

Low Channel
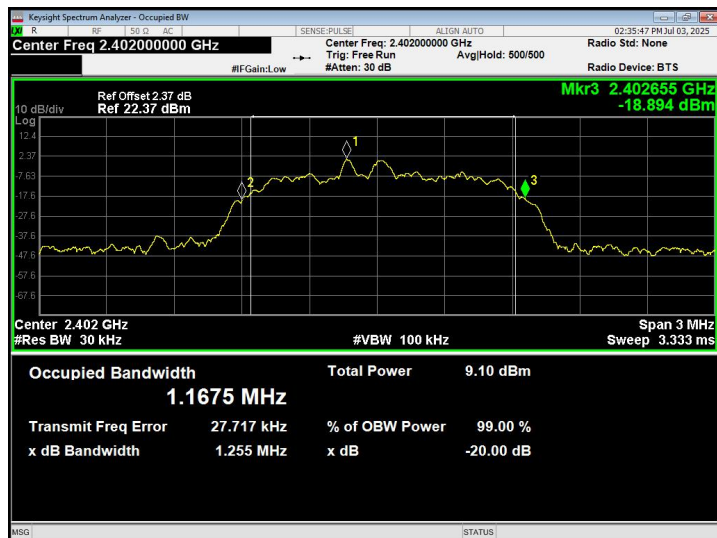
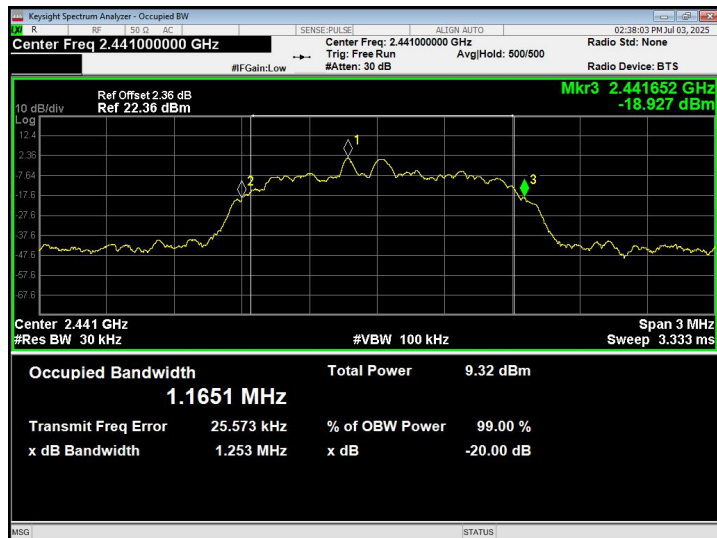### Middle Channel

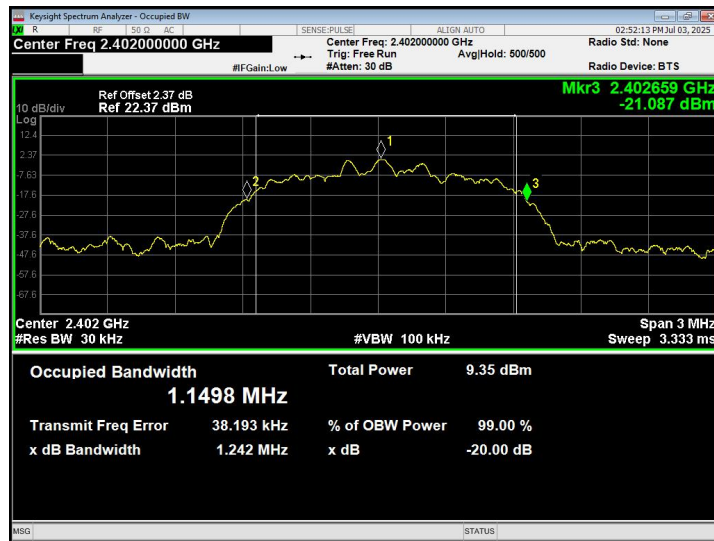### High Channel

8-DPSK - 3-DH1 Test plots

Low Channel

Middle Channel

High Channel