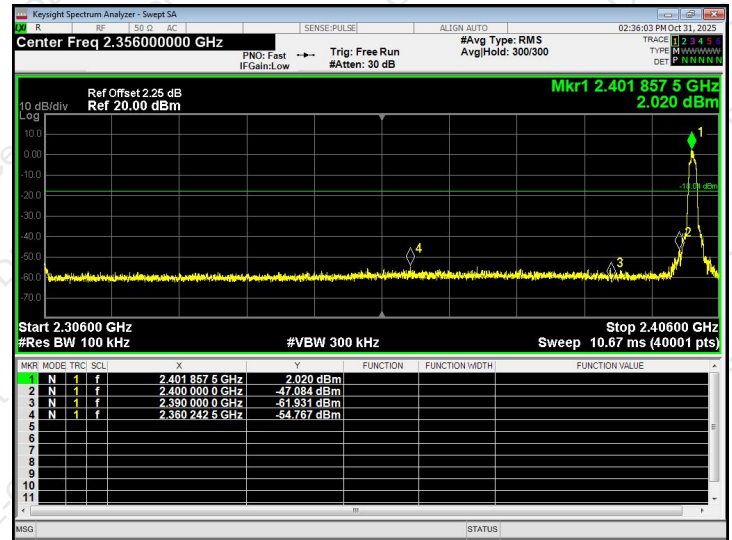
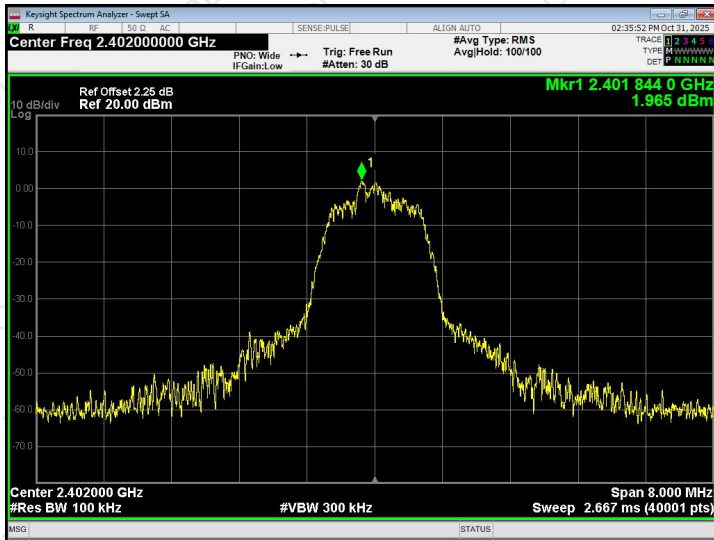
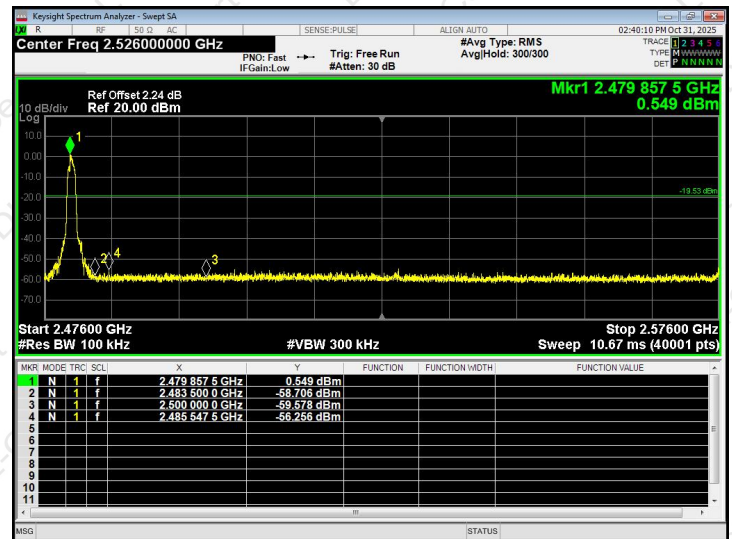
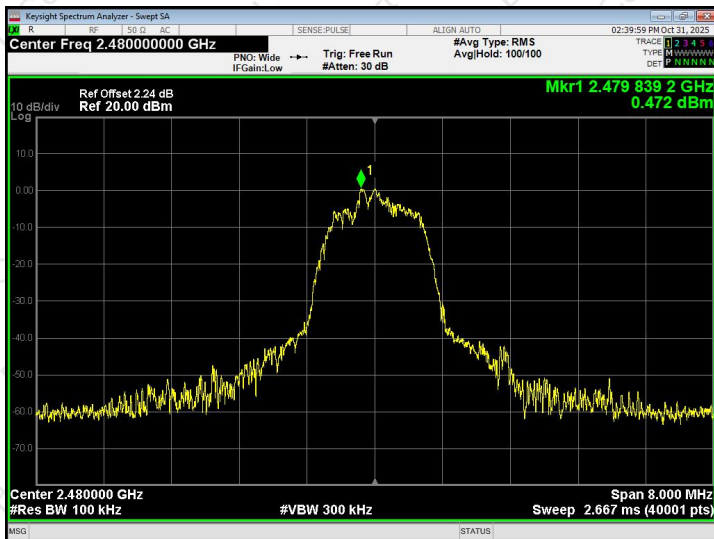




$\pi/4$ -DQPSK - 2-DH1
No-hopping Band edge-left side



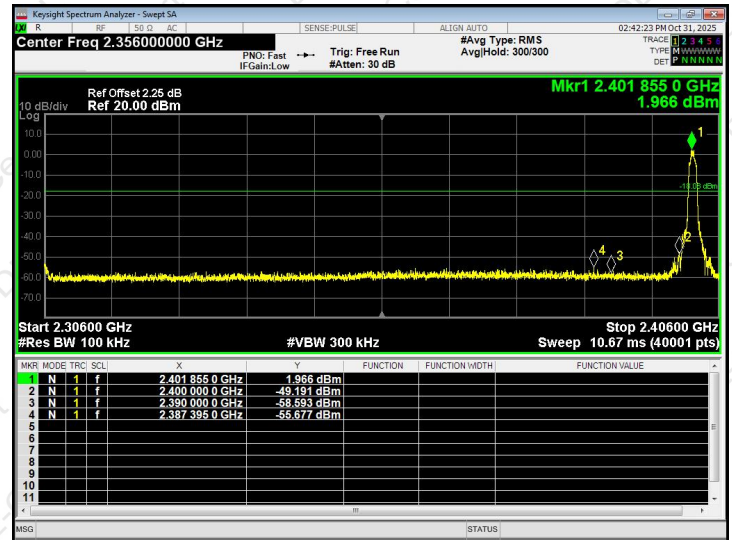
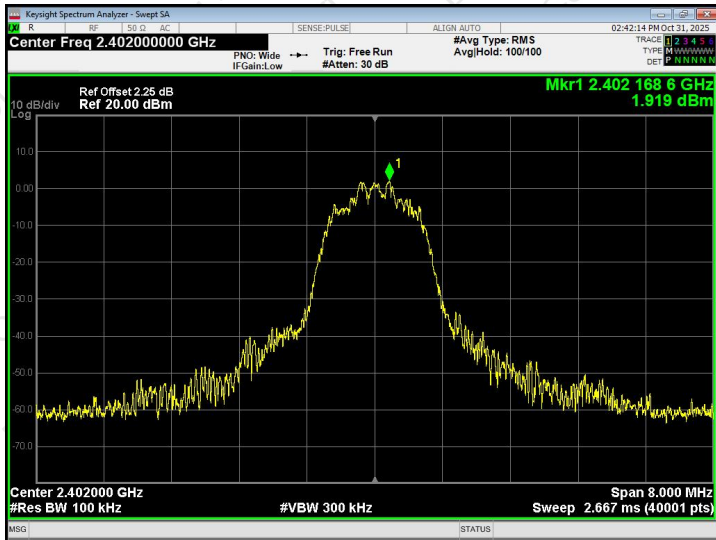
No-hopping Band edge-right side



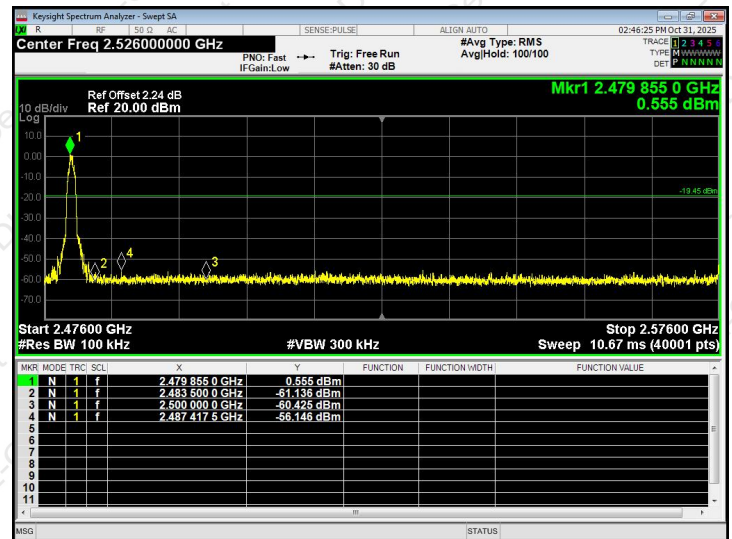
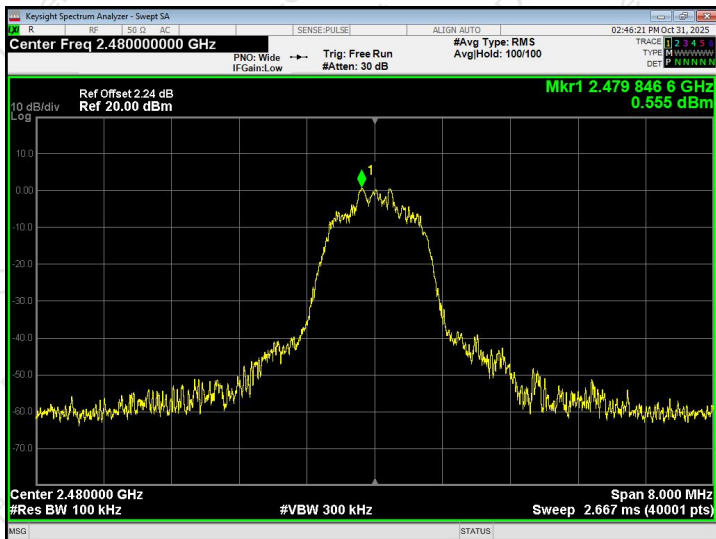


8-DPSK - 3-DH1

No-hopping Band edge-left side



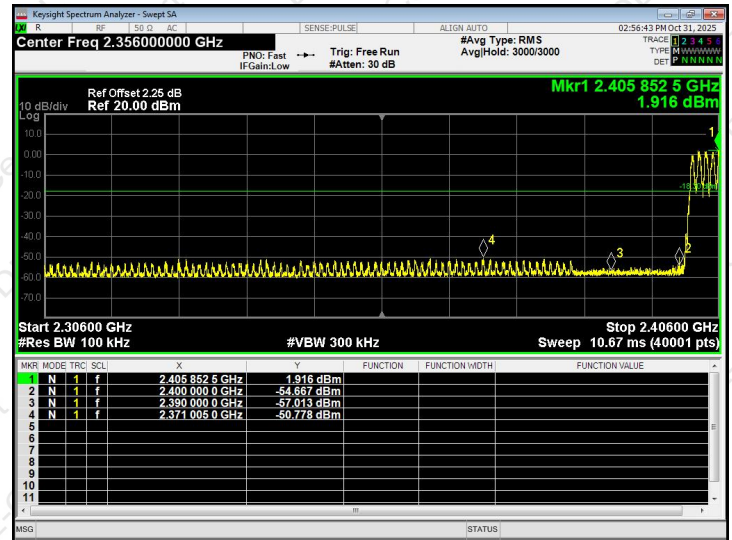
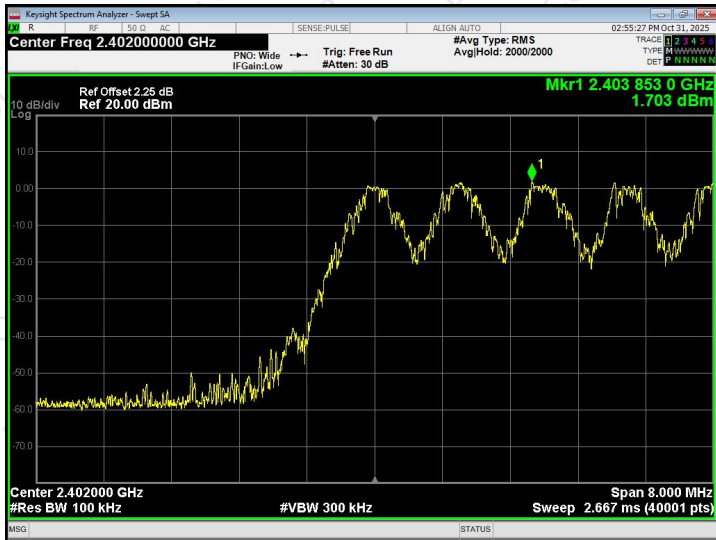
NO-hopping Band edge-left side



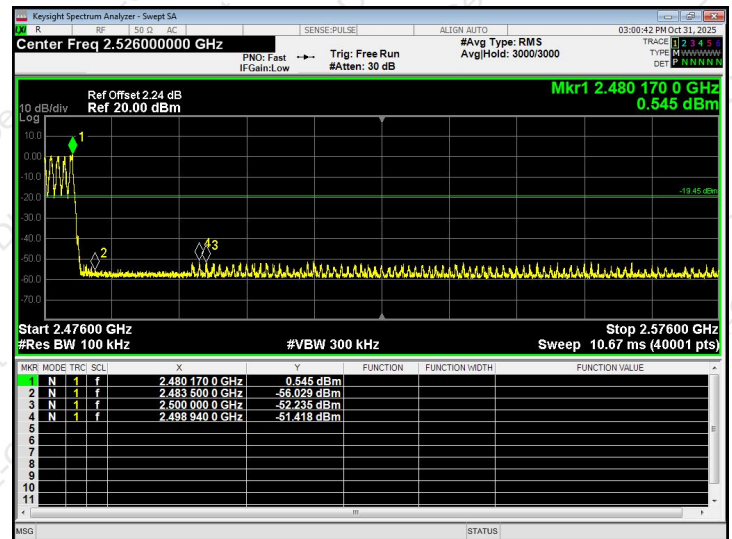


GFSK - 1-DH1

Hopping Band edge-left side

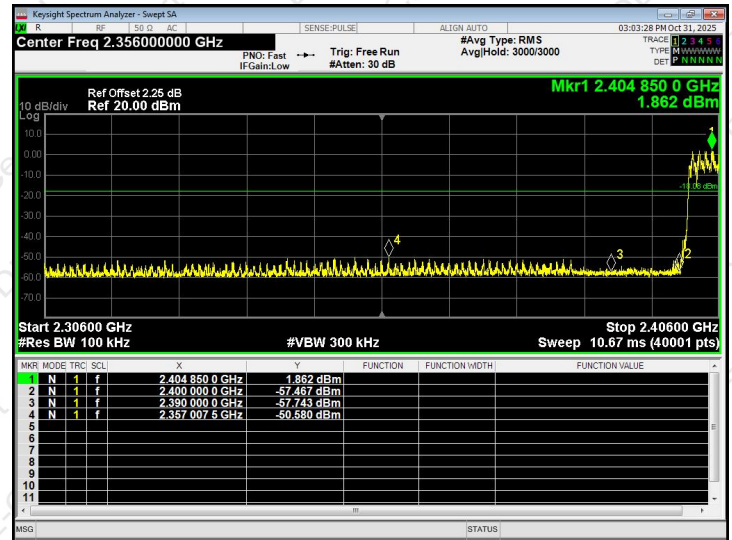


Hopping Band edge-left side

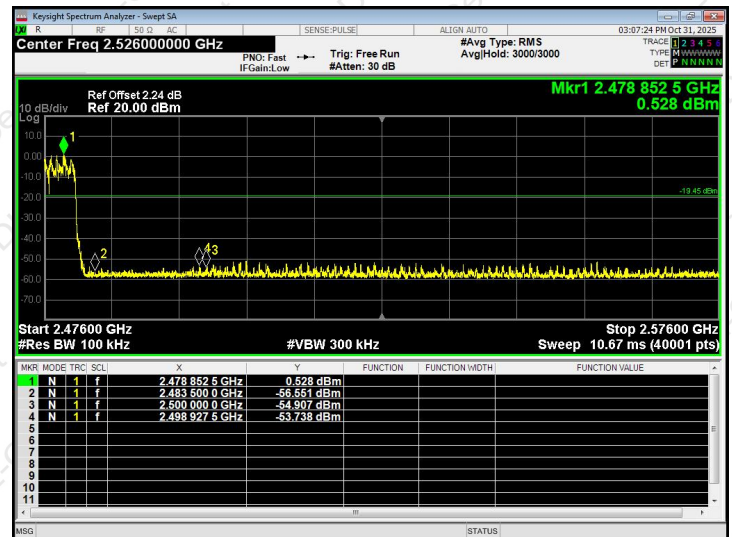


 $\pi/4$ -DQPSK - 2-DH1

Hopping Band edge-left side



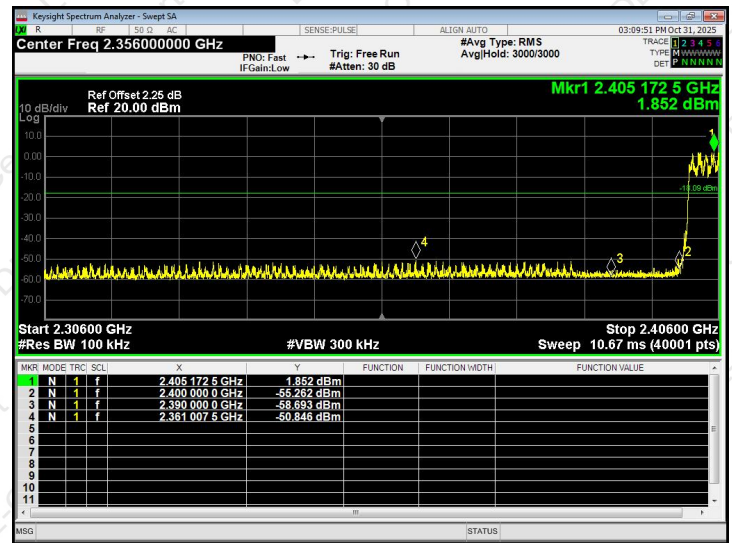
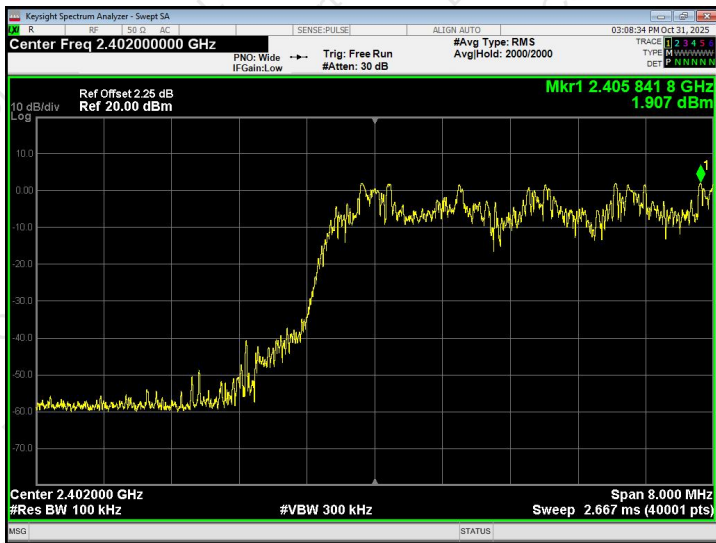
Hopping Band edge-left side



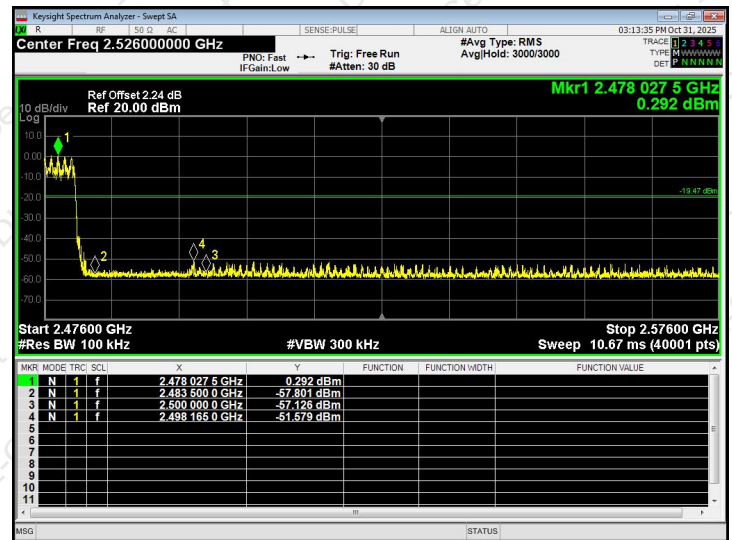


8-DPSK - 3-DH1

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 C63.10:2020

7.1 TEST SETUP



7.2 LIMIT

N/A

7.3 TEST PROCEDURE

1. Set RBW = 30 kHz.
2. Set the video bandwidth (VBW) $\geq 3 \times$ 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.



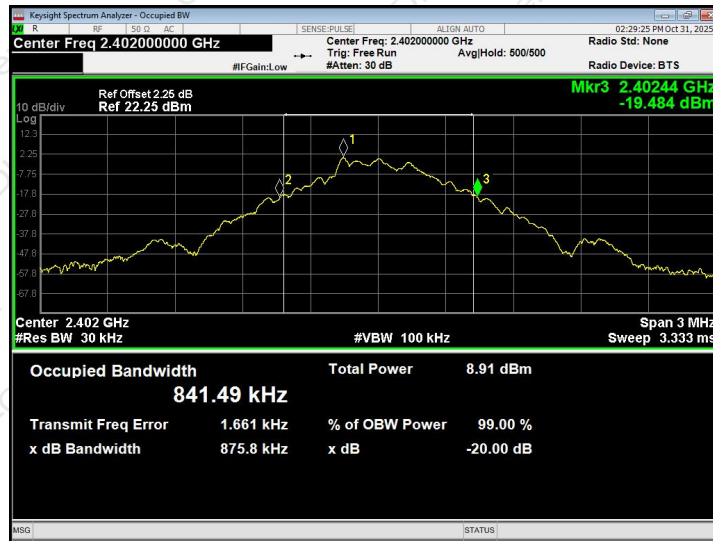
7.5 TEST RESULT

Modulation	Packet	Test Channel	20dB Occupied Bandwidth (MHz)	Result
GFSK	1-DH1	Lowest	0.876	Pass
		Middle	0.920	
		Highest	0.925	
$\pi/4$ -DQPSK	2-DH1	Lowest	1.270	Pass
		Middle	1.273	
		Highest	1.263	
8-DPSK	3-DH1	Lowest	1.218	Pass
		Middle	1.221	
		Highest	1.250	

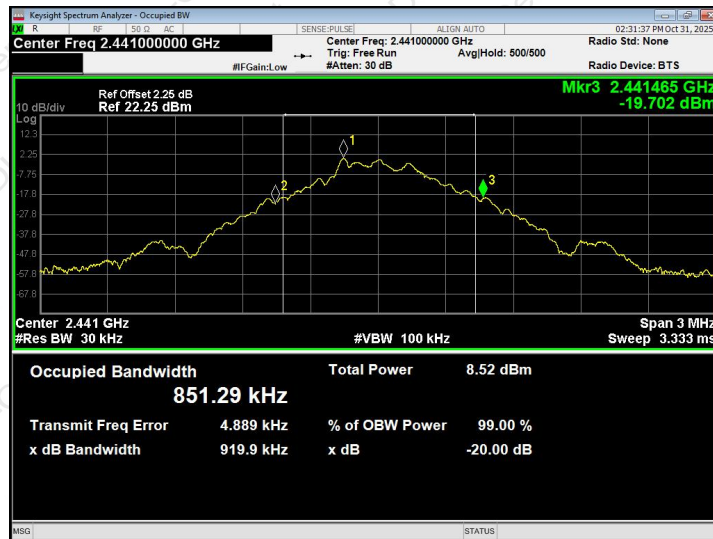


GFSK - 1-DH1 Test plots

Low Channel



Middle Channel

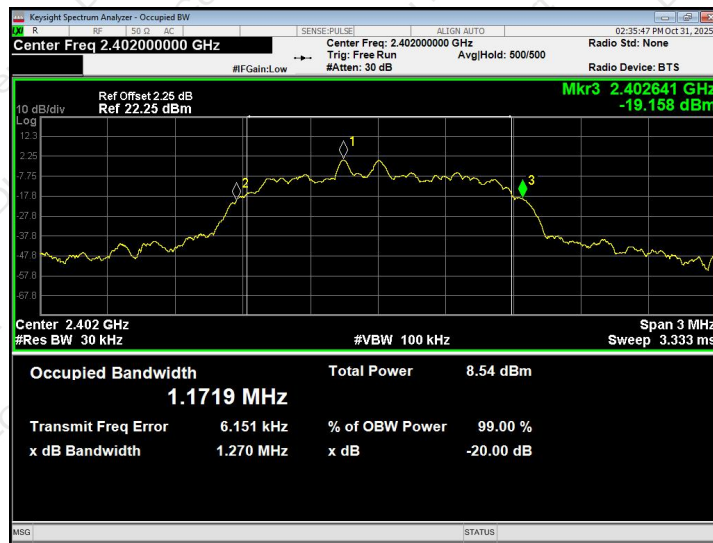


High Channel

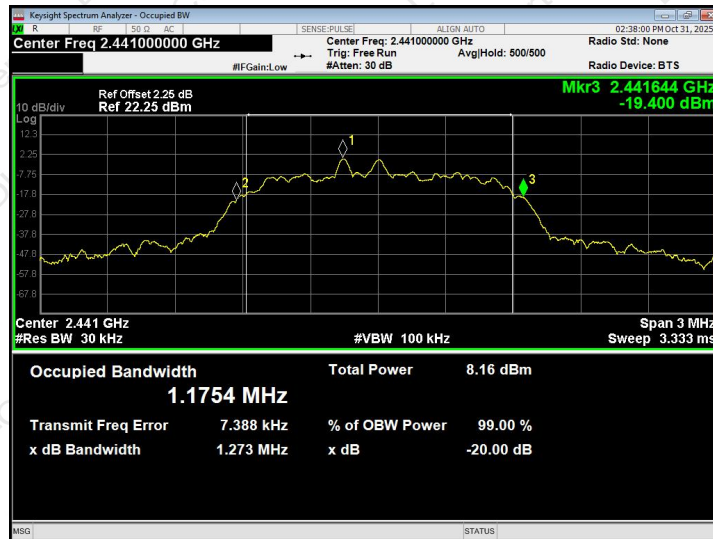


 $\pi/4$ -DQPSK - 2-DH1 Test plots

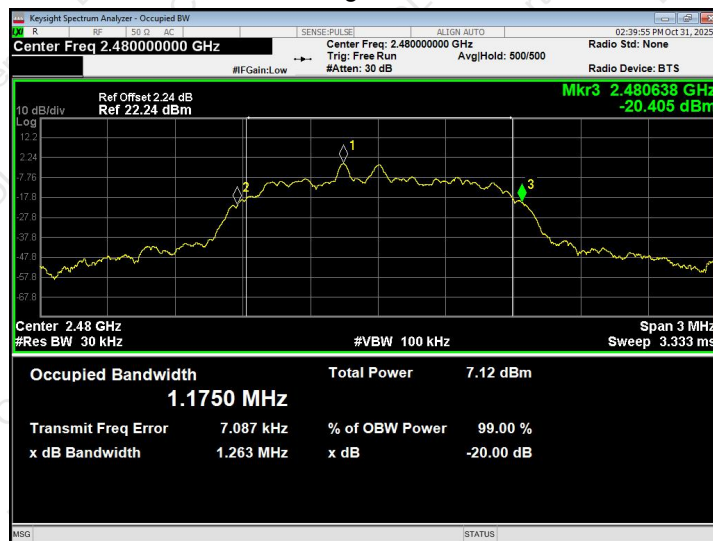
Low Channel



Middle Channel



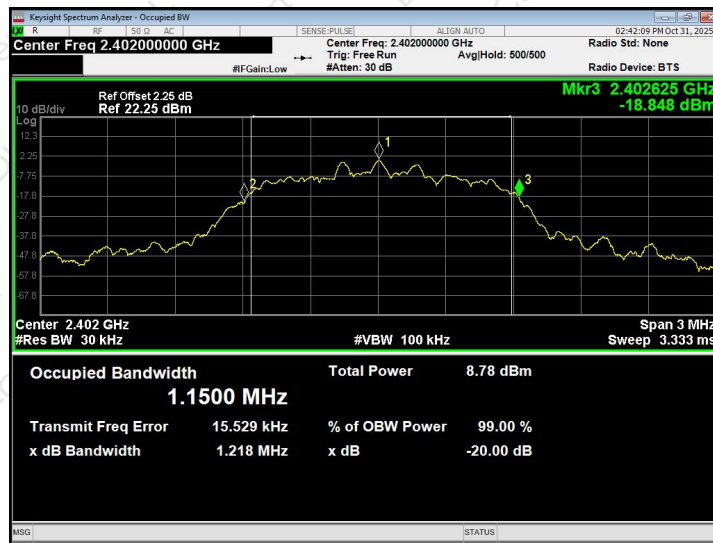
High Channel





8-DPSK - 3-DH1 Test plots

Low Channel



Middle Channel



High Channel

