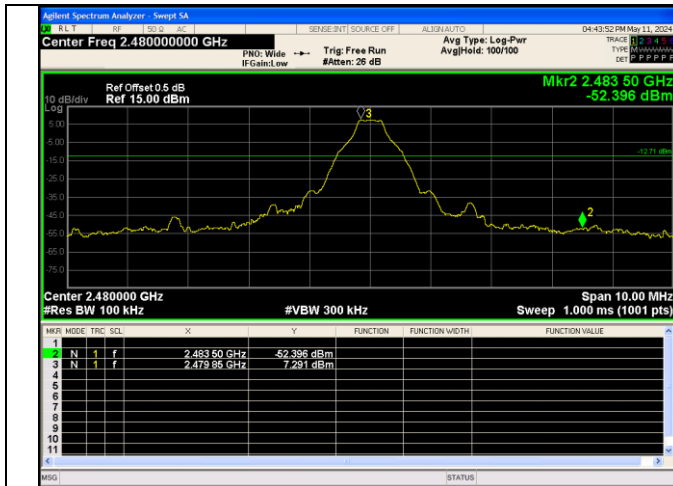
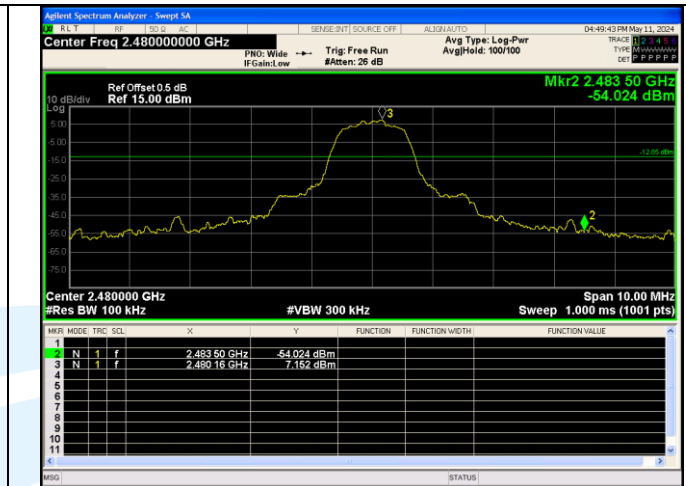
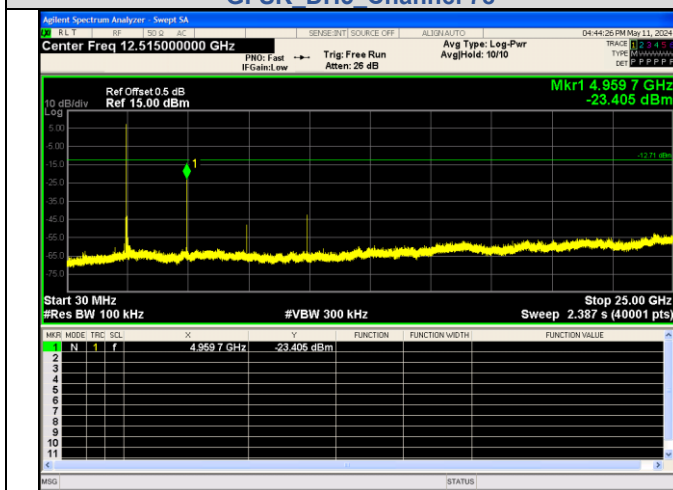




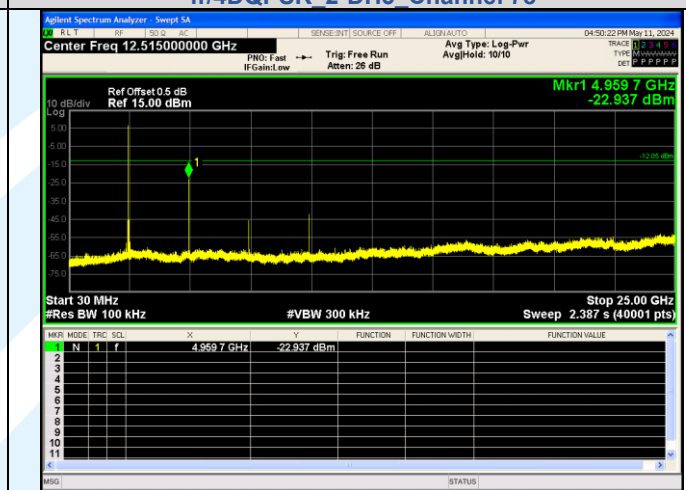
Out Of Band Emission  
GFSK DH5 Channel 78



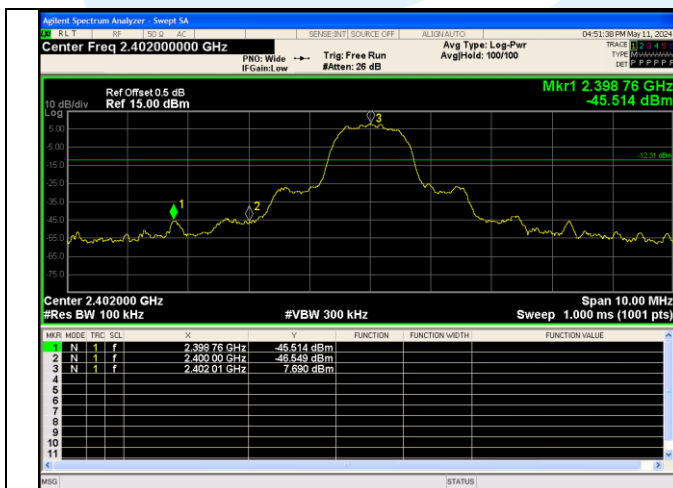
Out Of Band Emission  
 $\pi/4$ DQPSK 2-DH5 Channel 78



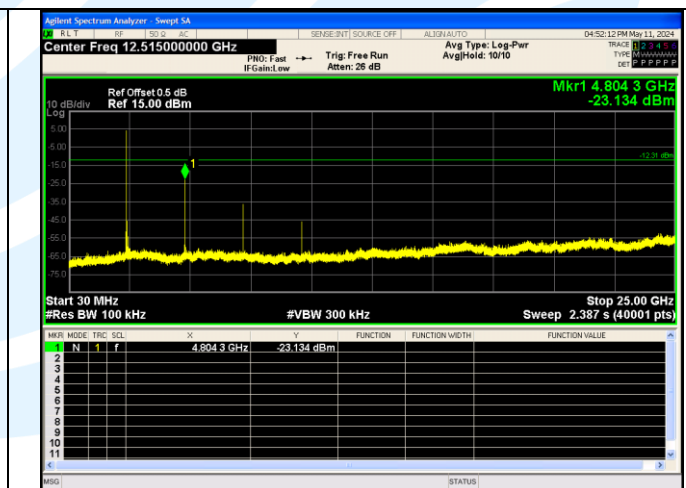
30.0 MHz - 25000.0 MHz  
GFSK DH5 Channel 78



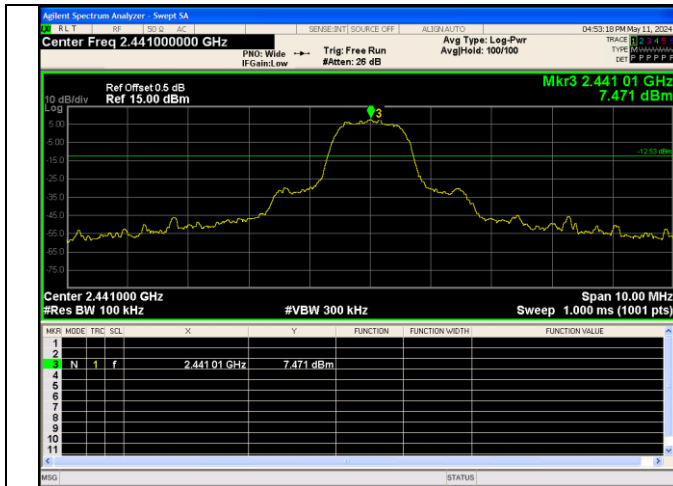
30.0 MHz - 25000.0 MHz  
 $\pi/4$ DQPSK 2-DH5 Channel 78



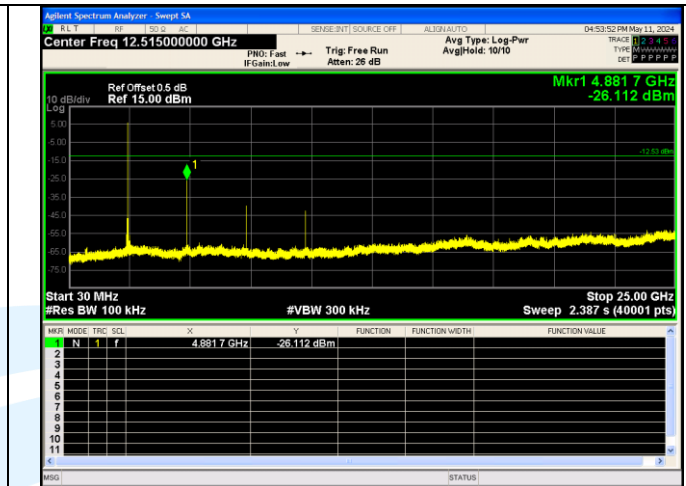
Out Of Band Emission  
8DPSK 3-DH5 Channel 0



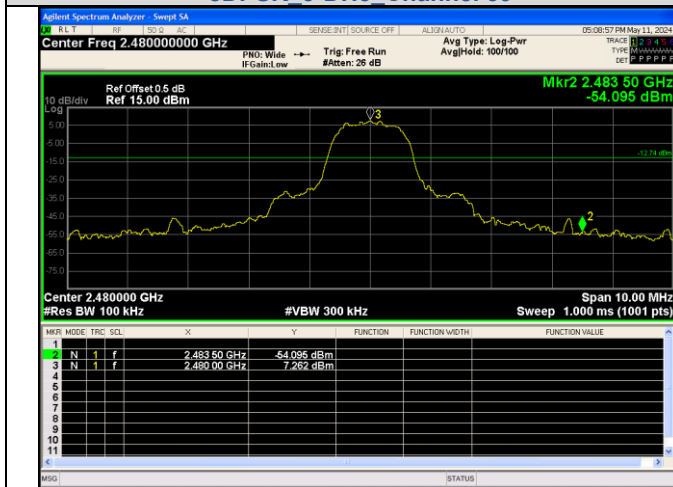
30.0 MHz - 25000.0 MHz  
8DPSK 3-DH5 Channel 0



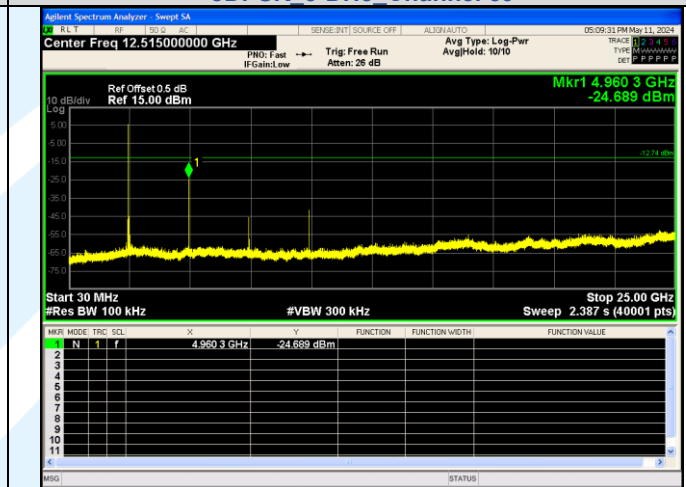
Out Of Band Emission  
8DPSK 3-DH5 Channel 39



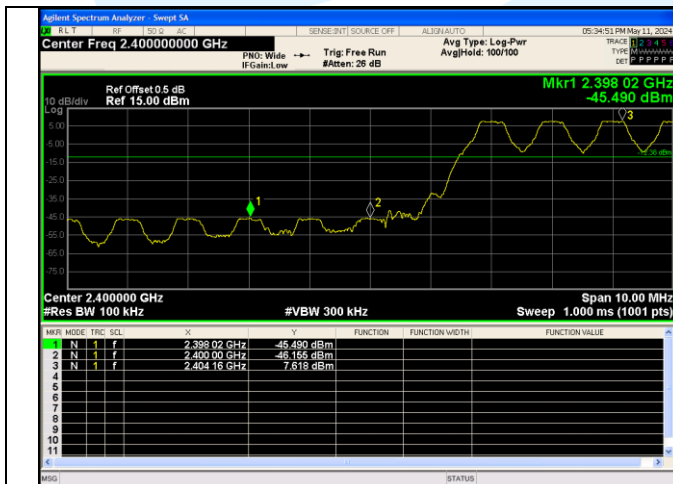
30.0 MHz - 25000.0 MHz  
8DPSK 3-DH5 Channel 39



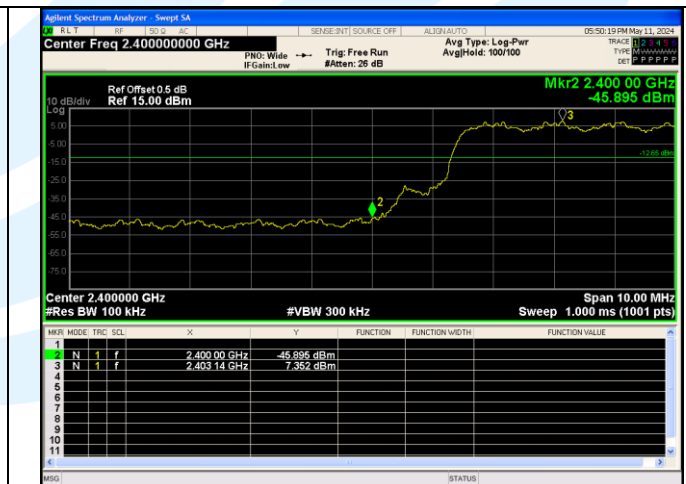
Out Of Band Emission  
8DPSK 3-DH5 Channel 78



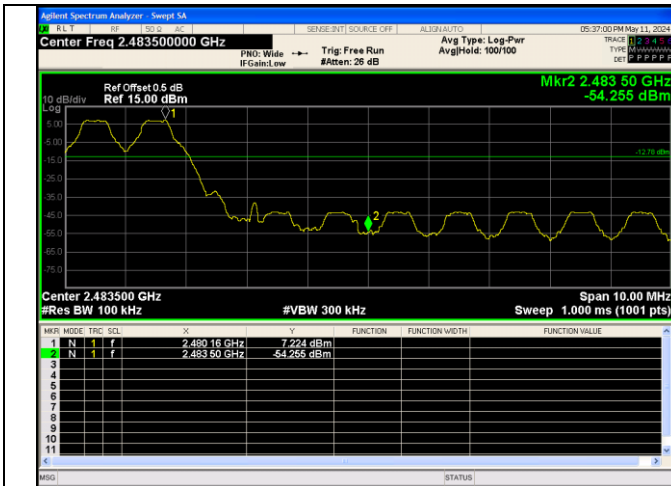
30.0 MHz - 25000.0 MHz  
8DPSK 3-DH5 Channel 78



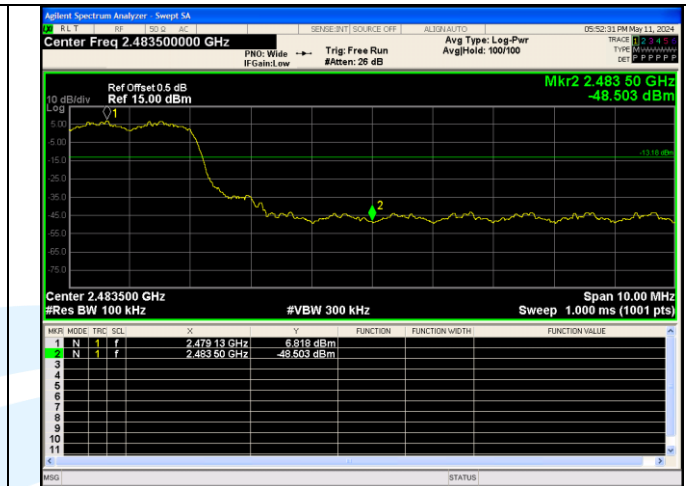
Out Of Band Emission(Left)  
GFSK DH5 Channel Hopping



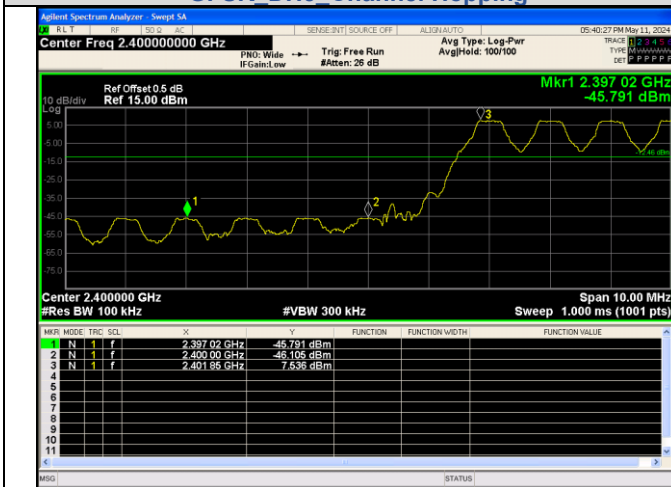
Out Of Band Emission(Left)  
 $\pi/4$ DQPSK 2-DH5 Channel Hopping



Out Of Band Emission(Right)  
GFSK DH5 Channel Hopping



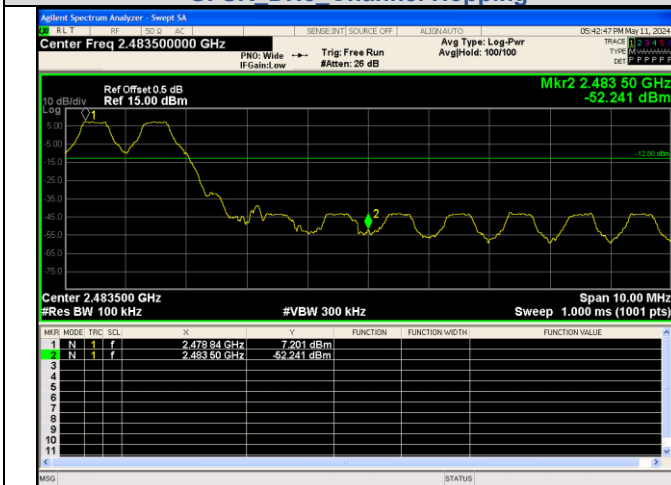
Out Of Band Emission(Right)  
 $\pi/4$ DQPSK 2-DH5 Channel Hopping



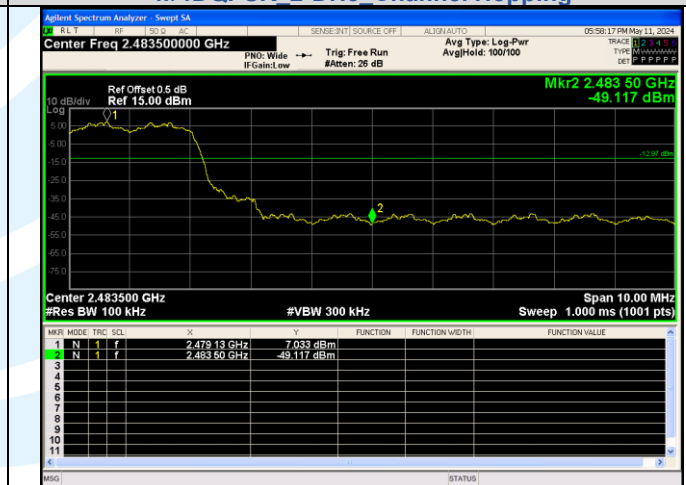
Out Of Band Emission(Left)  
GFSK DH5 Channel Hopping



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



Out Of Band Emission(Right)  
GFSK DH5 Channel Hopping



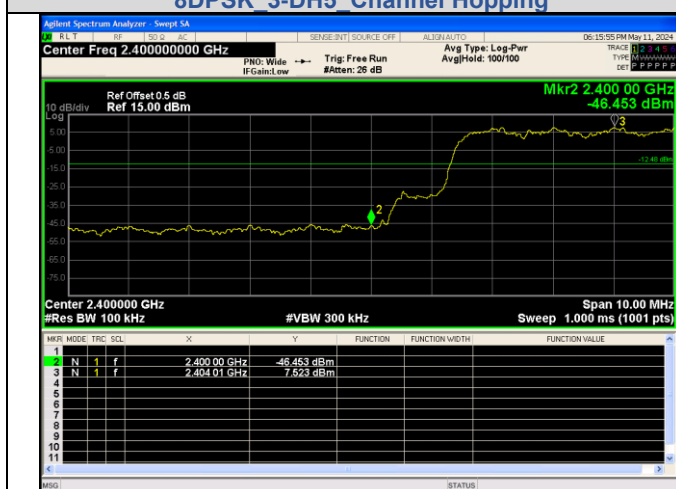
Out Of Band Emission(Right)  
 $\pi/4$ DQPSK 2-DH5 Channel Hopping



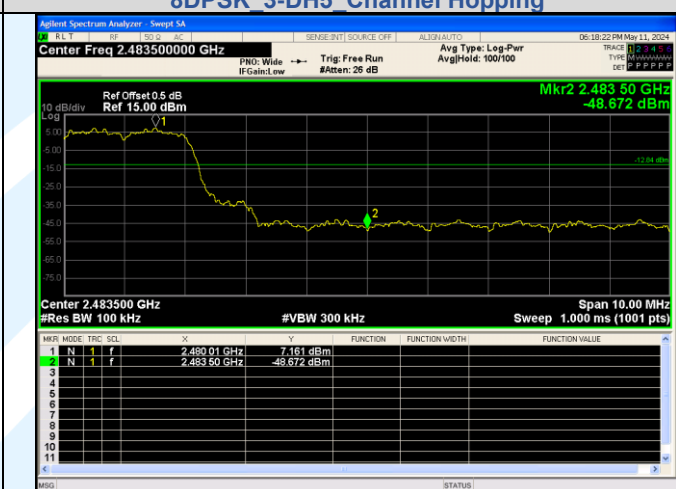
Out Of Band Emission(Left)  
8DPSK 3-DH5 Channel Hopping



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



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

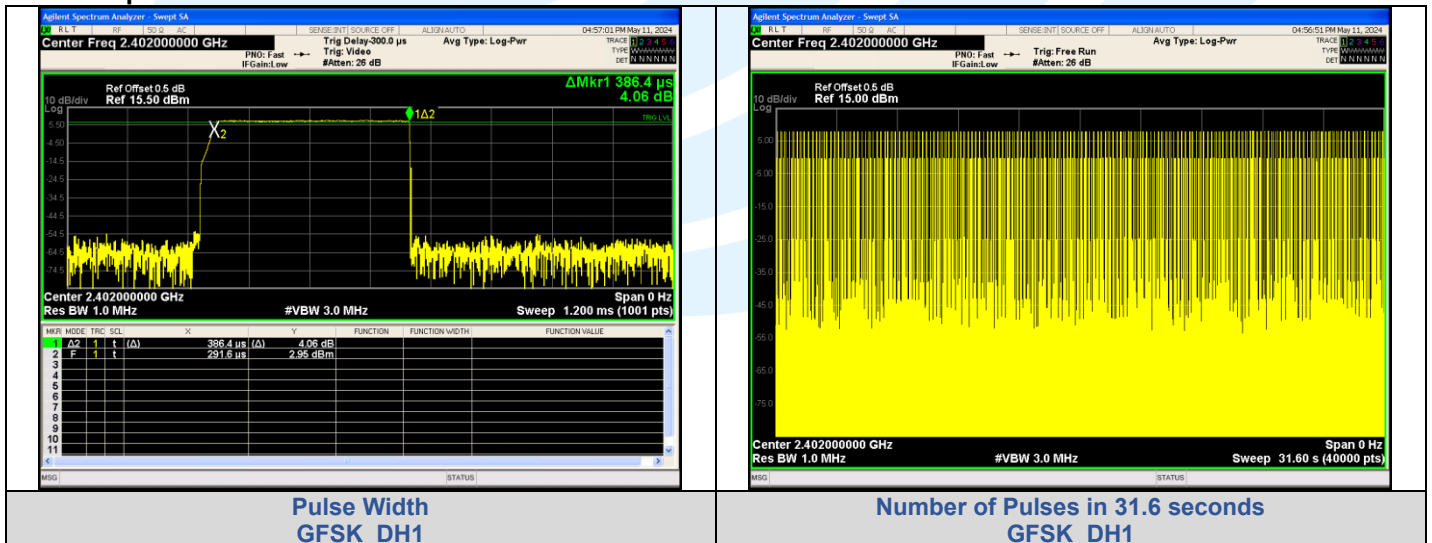


Out Of Band Emission(Right)  
8DPSK 3-DH5 Channel Hopping

## A.5 DWELL TIME

| Modulation    | Packet | Channel        | Pulse Width (ms) | Number of Pulses in 31.6 seconds | Dwell Time (ms) | Limit (ms) | Result |
|---------------|--------|----------------|------------------|----------------------------------|-----------------|------------|--------|
| GFSK          | DH1    | CH0 (2402MHz)  | 0.3864           | 317                              | 122.49          | < 400      | PASS   |
|               | DH1    | CH78 (2480MHz) | 0.3852           | 316                              | 121.72          |            | PASS   |
|               | DH3    | CH0 (2402MHz)  | 1.632            | 165                              | 269.28          |            | PASS   |
|               | DH3    | CH78 (2480MHz) | 1.656            | 164                              | 271.58          |            | PASS   |
|               | DH5    | CH0 (2402MHz)  | 2.888            | 107                              | 309.02          |            | PASS   |
|               | DH5    | CH78 (2480MHz) | 2.896            | 109                              | 315.66          |            | PASS   |
| $\pi/4$ DQPSK | 2-DH1  | CH0 (2402MHz)  | 0.3936           | 318                              | 125.16          |            | PASS   |
|               | 2-DH1  | CH78 (2480MHz) | 0.3936           | 318                              | 125.16          |            | PASS   |
|               | 2-DH3  | CH0 (2402MHz)  | 1.632            | 150                              | 244.8           |            | PASS   |
|               | 2-DH3  | CH78 (2480MHz) | 1.644            | 162                              | 266.33          |            | PASS   |
|               | 2-DH5  | CH0 (2402MHz)  | 2.904            | 105                              | 304.92          |            | PASS   |
|               | 2-DH5  | CH78 (2480MHz) | 2.896            | 105                              | 304.08          |            | PASS   |
| 8DPSK         | 3-DH1  | CH0 (2402MHz)  | 0.3948           | 316                              | 124.76          |            | PASS   |
|               | 3-DH1  | CH78 (2480MHz) | 0.3948           | 316                              | 124.76          |            | PASS   |
|               | 3-DH3  | CH0 (2402MHz)  | 1.656            | 155                              | 256.68          |            | PASS   |
|               | 3-DH3  | CH78 (2480MHz) | 1.656            | 167                              | 276.55          |            | PASS   |
|               | 3-DH5  | CH0 (2402MHz)  | 2.904            | 104                              | 302.02          |            | PASS   |
|               | 3-DH5  | CH78 (2480MHz) | 2.896            | 108                              | 312.77          |            | PASS   |

## Test Graphs



## Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

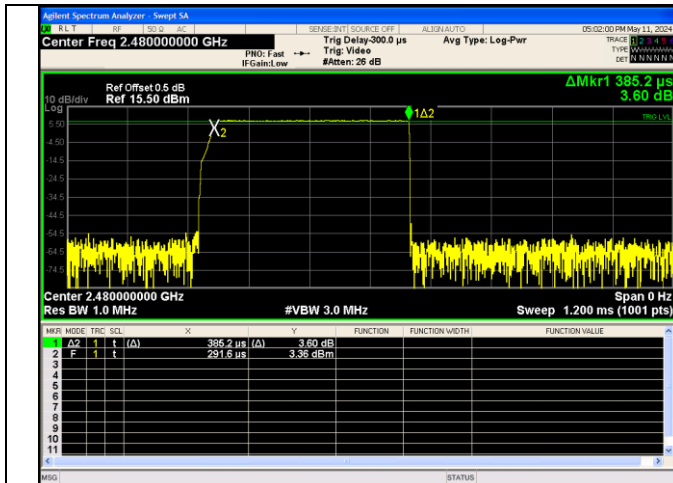
Tel: +86-755-28230888

Fax: +86-755-28230886

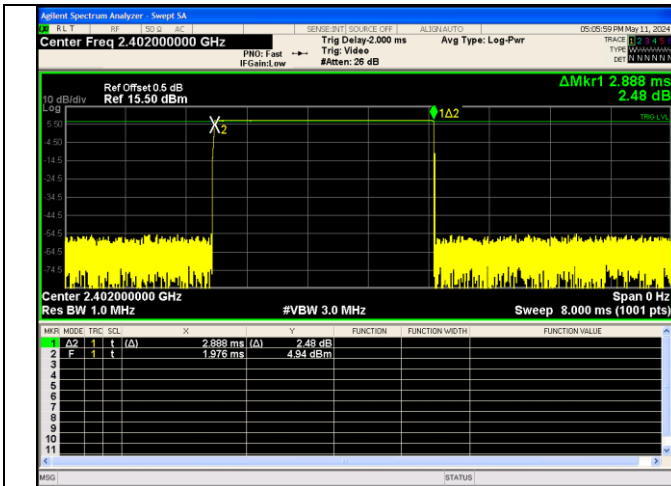
E-mail: info@uttlab.com

<http://www.uttlab.com>

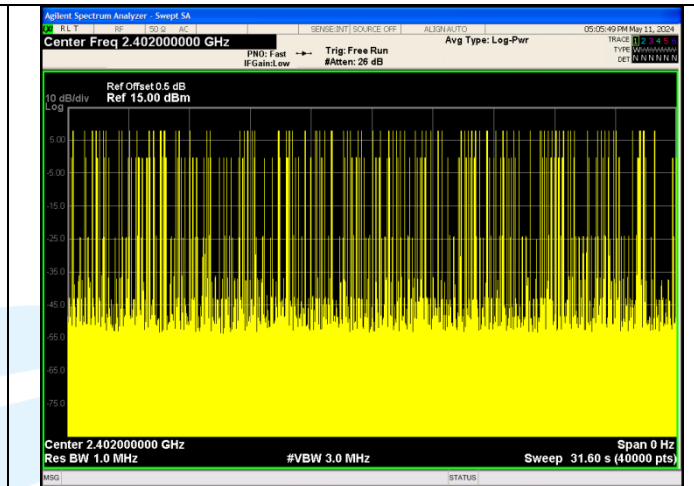
UTTR-RF-FCCPART15.247-V1.1



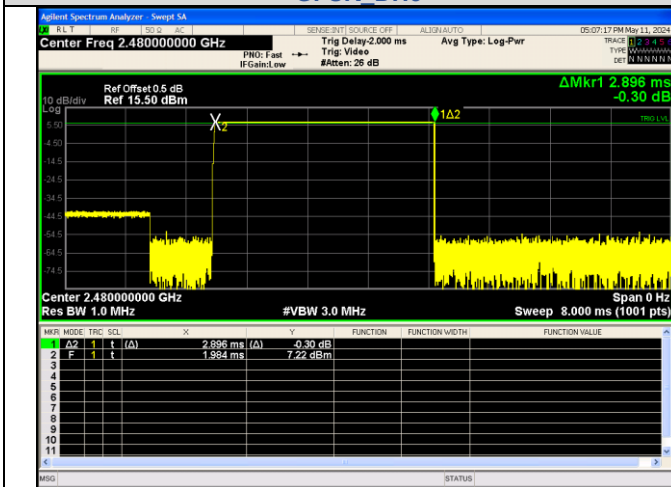




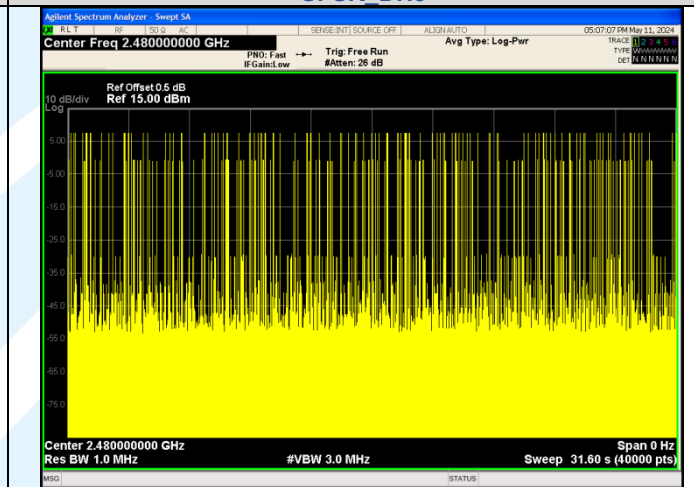
Pulse Width  
GFSK DH5



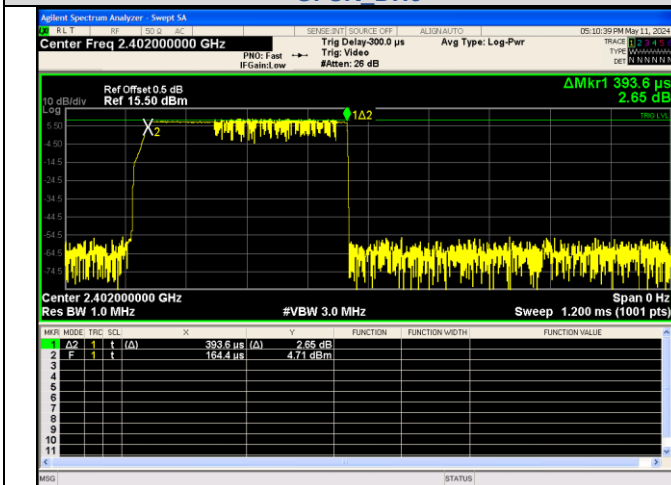
Number of Pulses in 31.6 seconds  
GFSK DH5



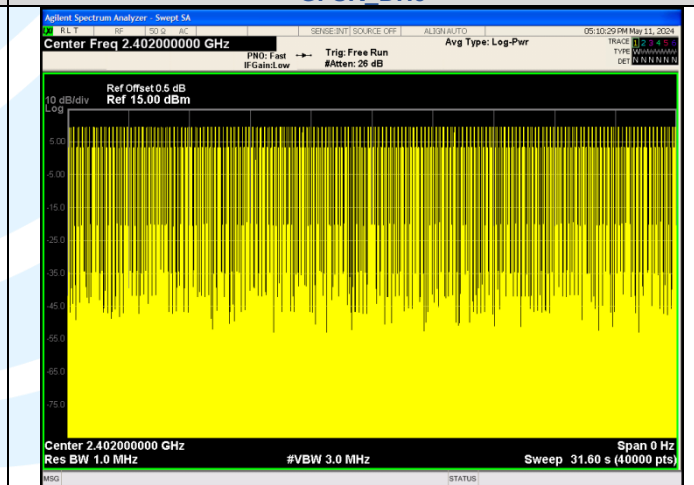
Pulse Width  
GFSK DH5



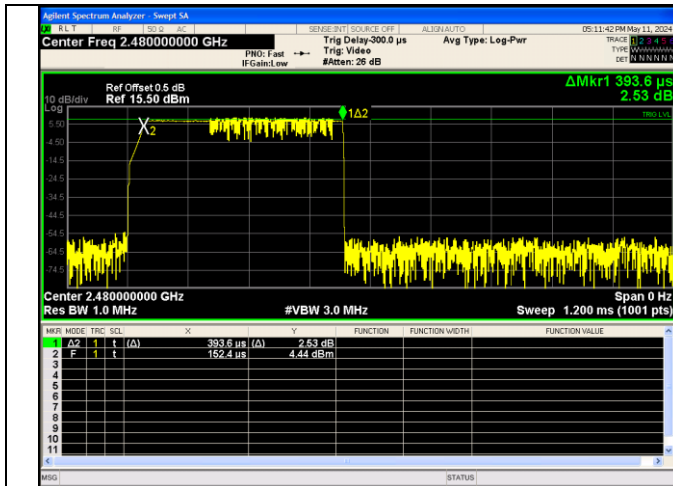
Number of Pulses in 31.6 seconds  
GFSK DH5



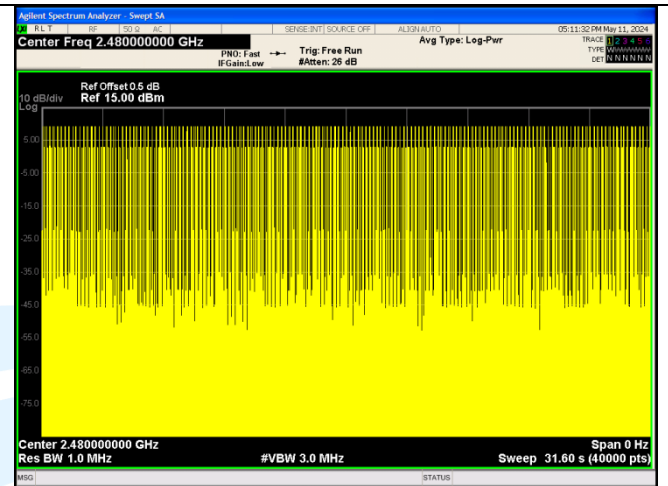
Pulse Width  
 $\pi/4$ DQPSK\_2-DH1



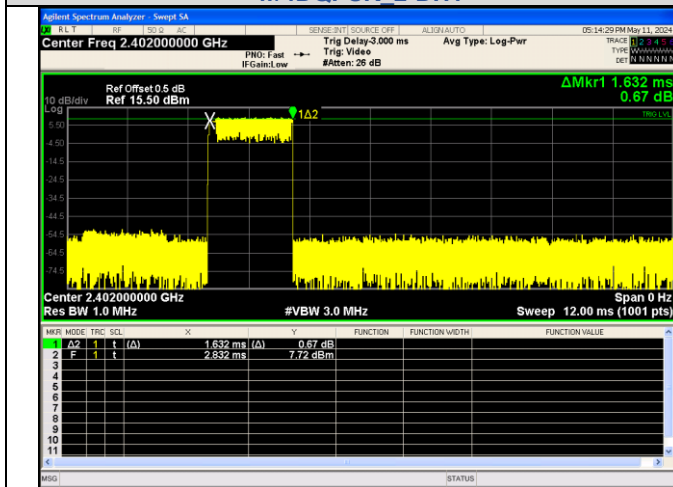
Number of Pulses in 31.6 seconds  
 $\pi/4$ DQPSK\_2-DH1



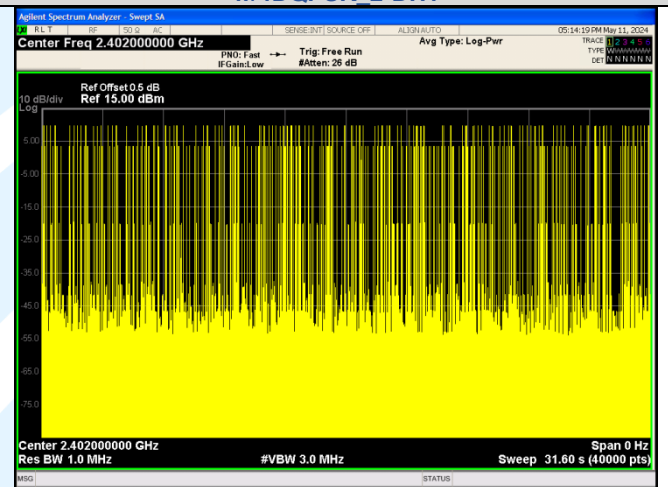
Pulse Width  
 $\pi/4$ DQPSK 2-DH1



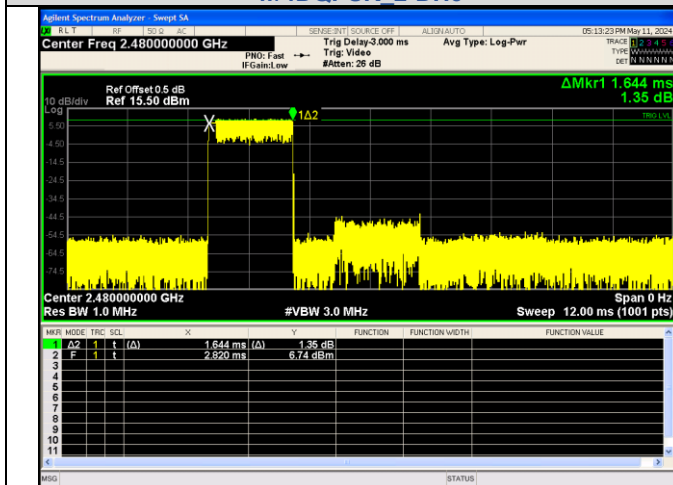
Number of Pulses in 31.6 seconds  
 $\pi/4$ DQPSK 2-DH1



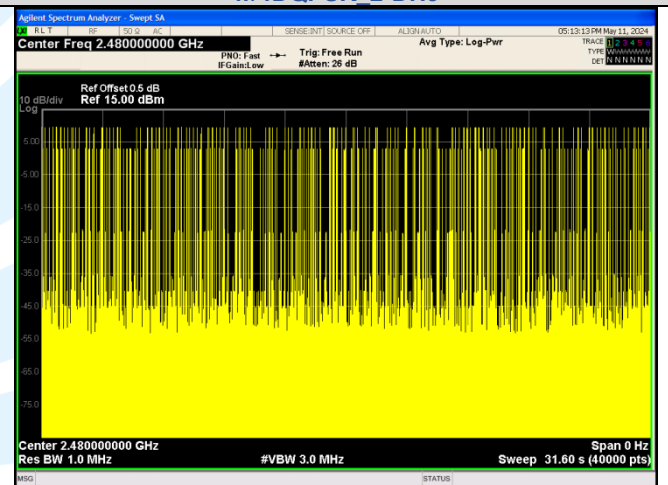
Pulse Width  
 $\pi/4$ DQPSK 2-DH3



Number of Pulses in 31.6 seconds  
 $\pi/4$ DQPSK 2-DH3

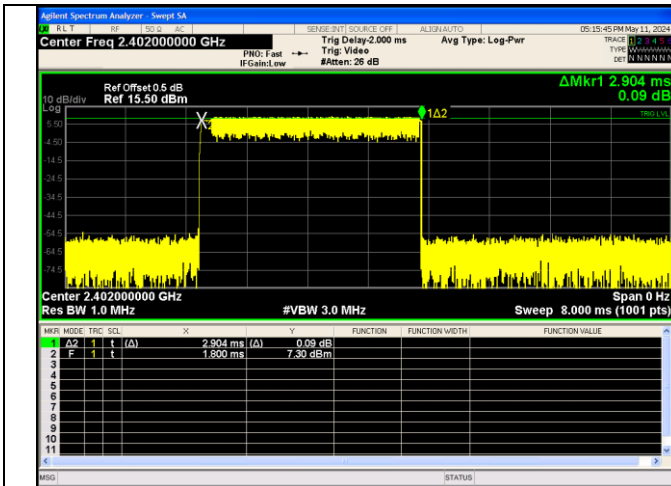


Pulse Width  
 $\pi/4$ DQPSK 2-DH3

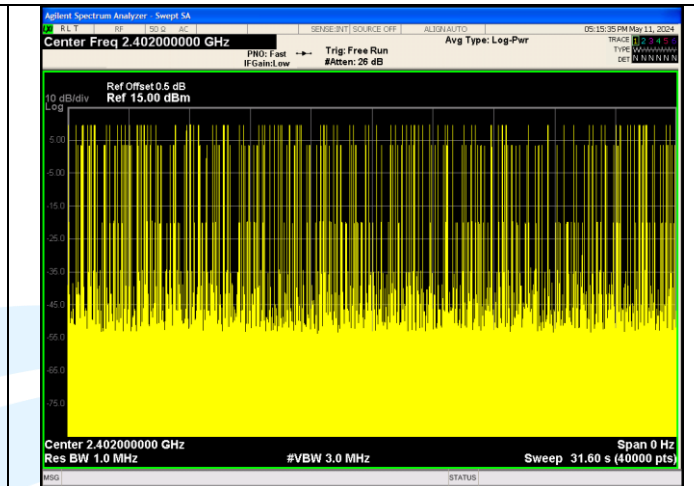


Number of Pulses in 31.6 seconds  
 $\pi/4$ DQPSK 2-DH3

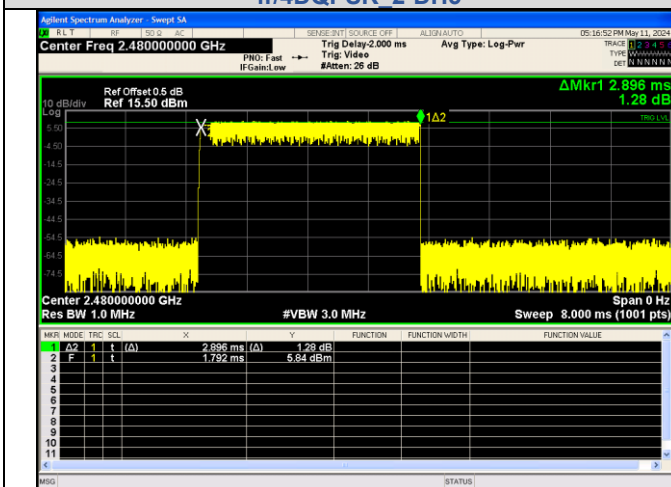




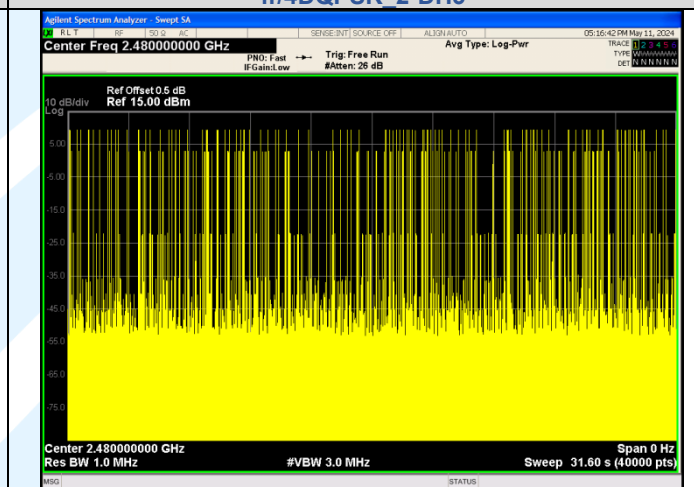
Pulse Width  
 $\pi/4$ DQPSK 2-DH5



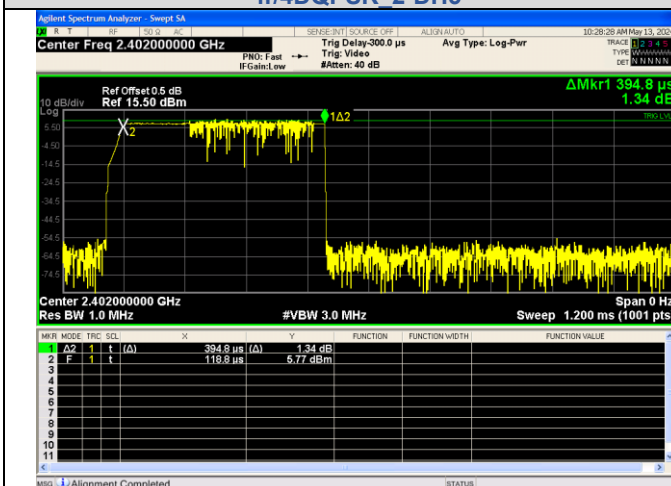
Number of Pulses in 31.6 seconds  
 $\pi/4$ DQPSK 2-DH5



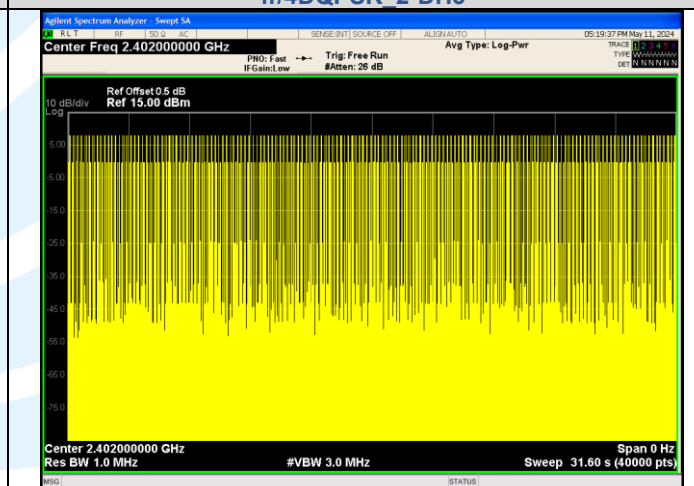
Pulse Width  
 $\pi/4$ DQPSK 2-DH5



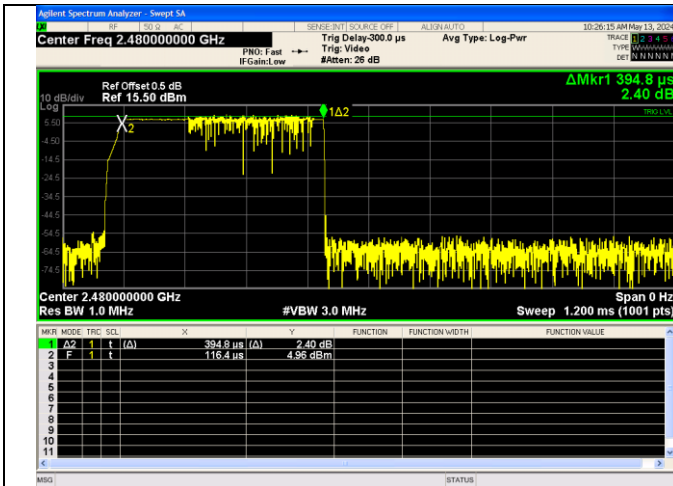
Number of Pulses in 31.6 seconds  
 $\pi/4$ DQPSK 2-DH5



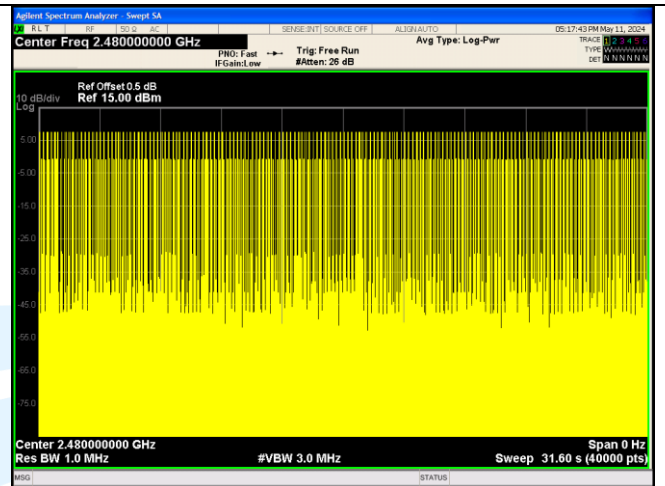
Pulse Width  
8DPSK 3-DH1



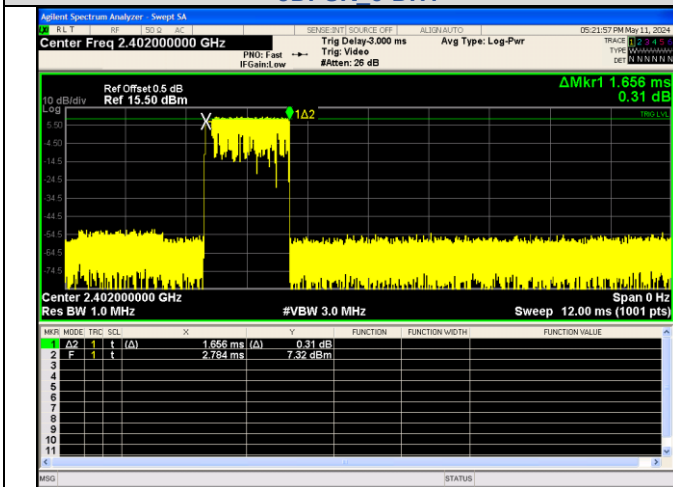
Number of Pulses in 31.6 seconds  
8DPSK 3-DH1



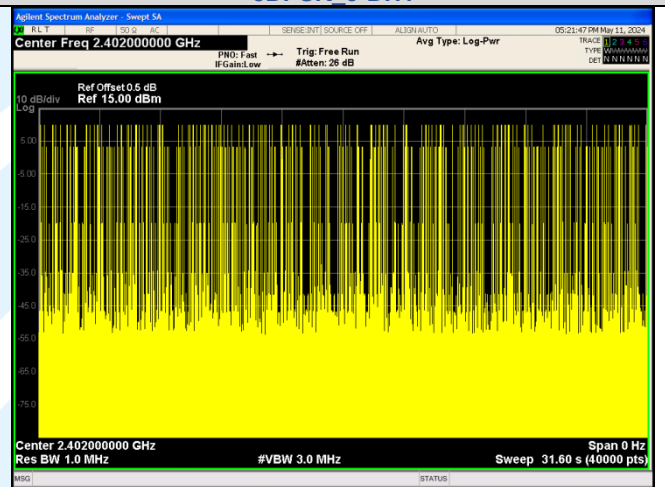
Pulse Width  
8DPSK 3-DH1



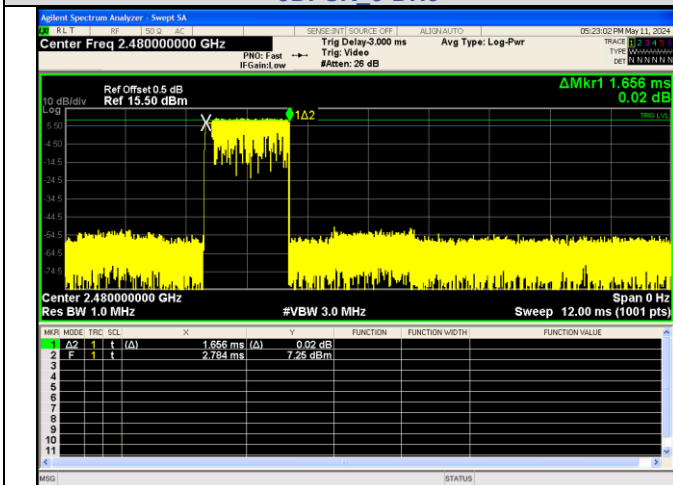
Number of Pulses in 31.6 seconds  
8DPSK 3-DH1



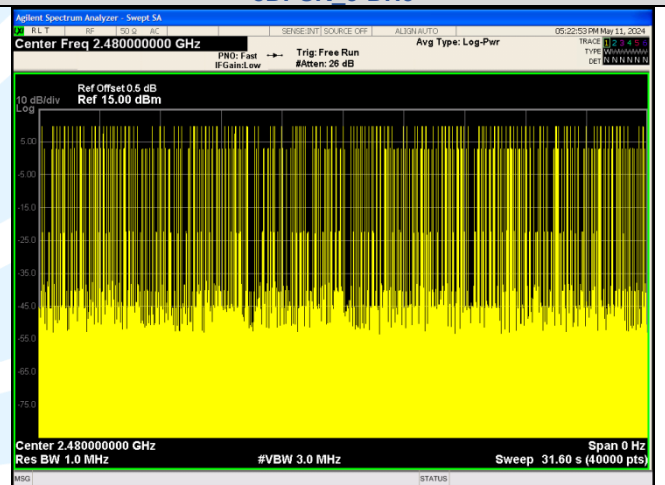
Pulse Width  
8DPSK 3-DH3



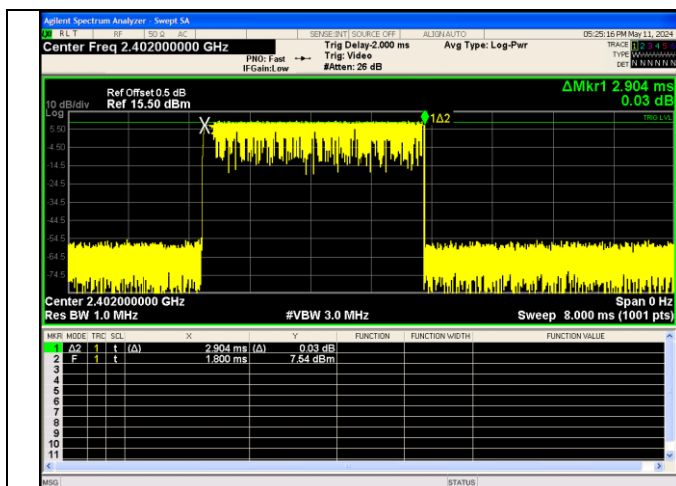
Number of Pulses in 31.6 seconds  
8DPSK 3-DH3



Pulse Width  
8DPSK 3-DH3



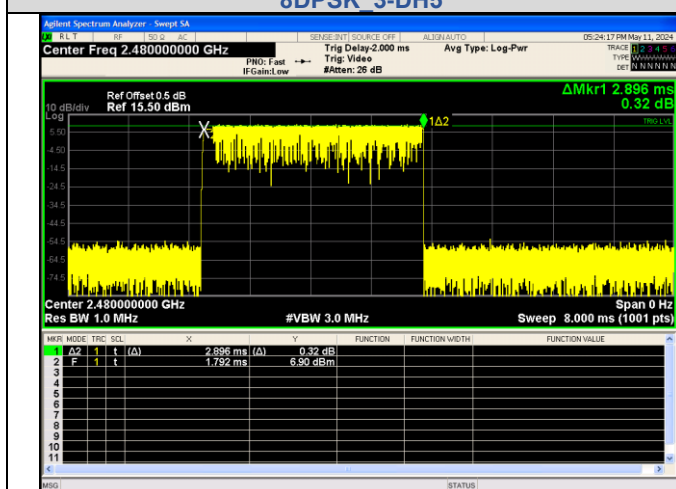
Number of Pulses in 31.6 seconds  
8DPSK 3-DH3



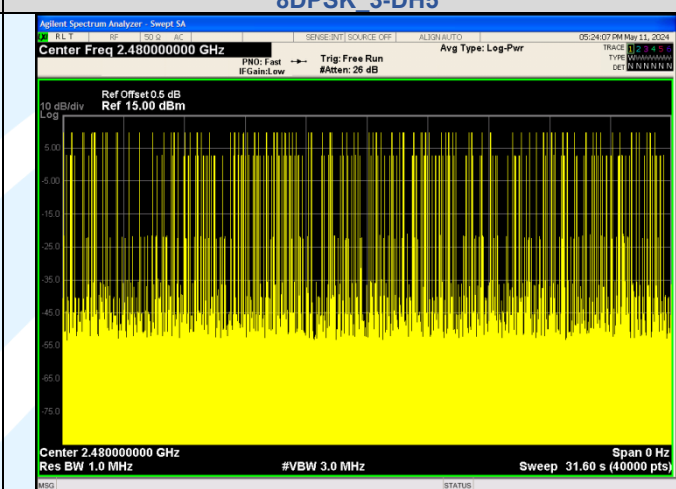
Pulse Width  
8DPSK\_3-DH5



Number of Pulses in 31.6 seconds  
8DPSK\_3-DH5



Pulse Width  
8DPSK\_3-DH5

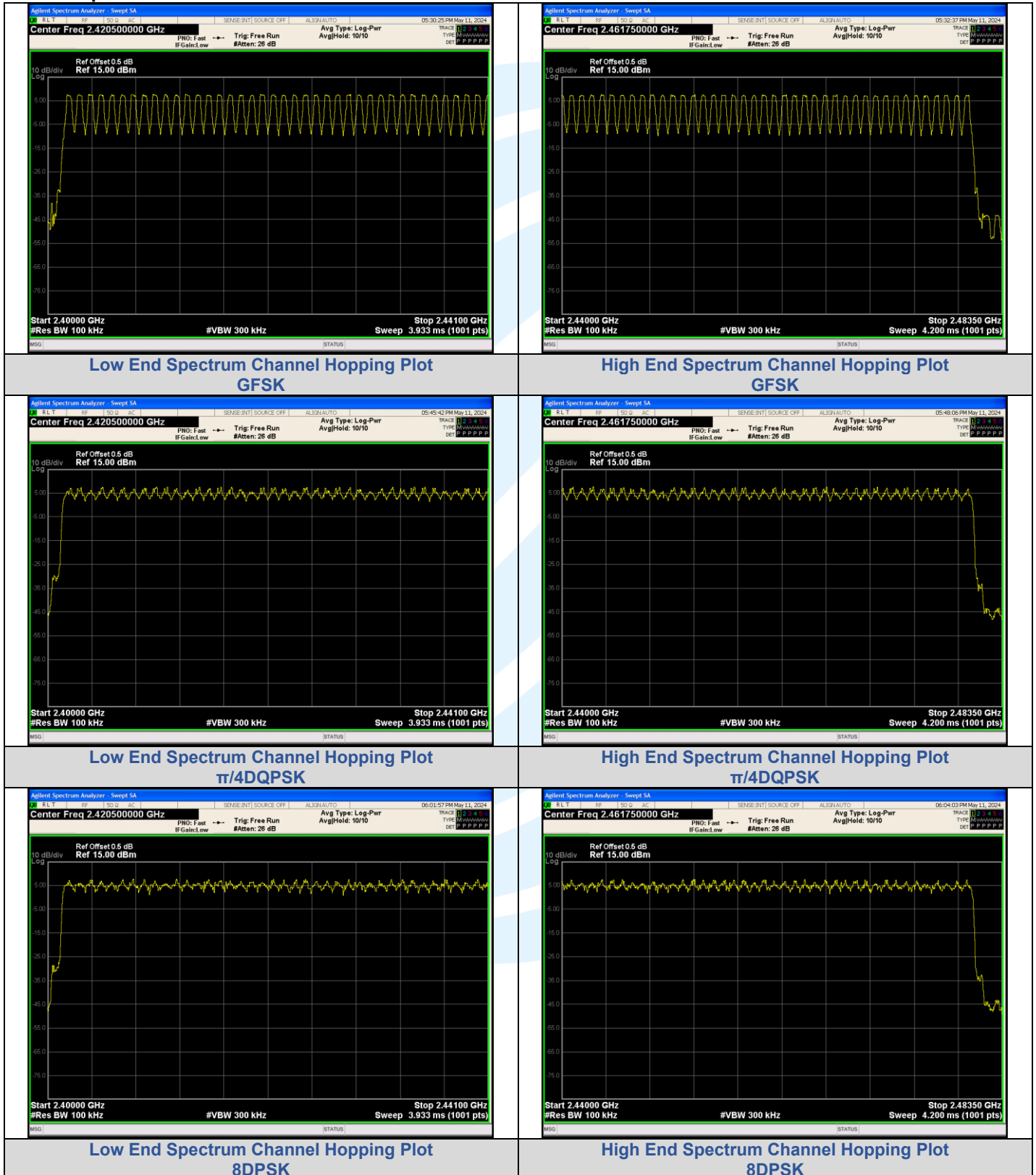


Number of Pulses in 31.6 seconds  
8DPSK\_3-DH5

## A.6 NUMBER OF HOPPING CHANNEL

| 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



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<http://www.uttlab.com>

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## APPENDIX 1 PHOTOS OF TEST SETUP

See test photos attached in Appendix 1 for the actual connections between Product and support equipment.

## APPENDIX 2 PHOTOS OF EUT CONSTRUCTIONAL DETAILS

Refer to Appendix 2 for EUT external and internal photos.

\*\*\* End of Report \*\*\*

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