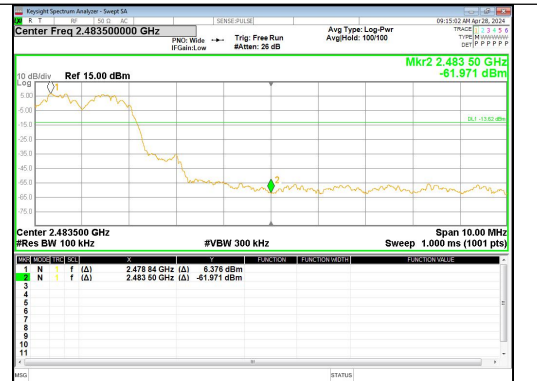


**Out Of Band Emission(Right)  
GFSK\_DH5\_Channel Hopping**

**Out Of Band Emission(Right)  
 $\pi/4$ DQPSK\_2-DH5\_Channel Hopping**



**Out Of Band Emission(Left)  
8DPSK\_3-DH5\_Channel Hopping**

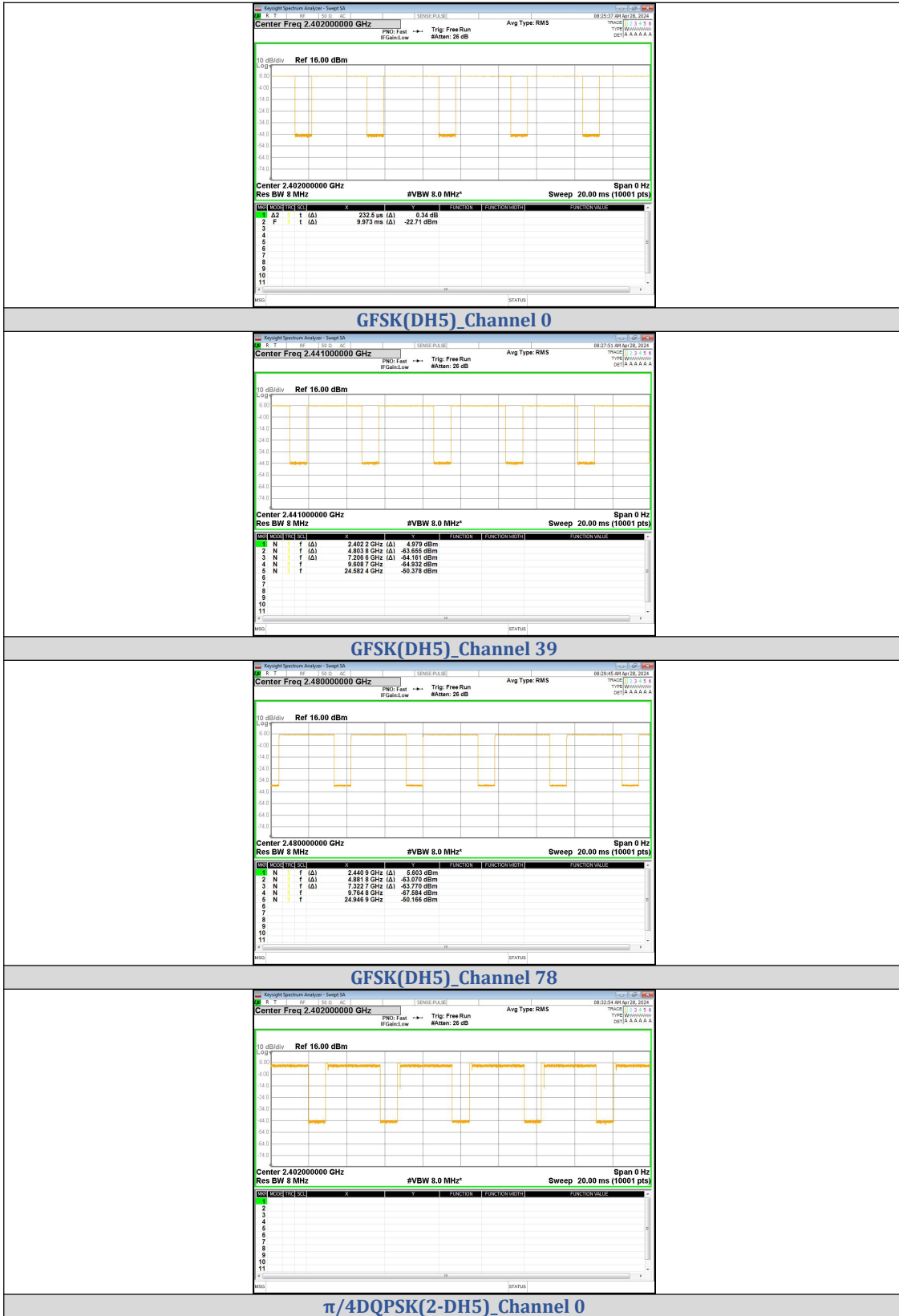
**Out Of Band Emission(Right)  
8DPSK\_3-DH5\_Channel Hopping**

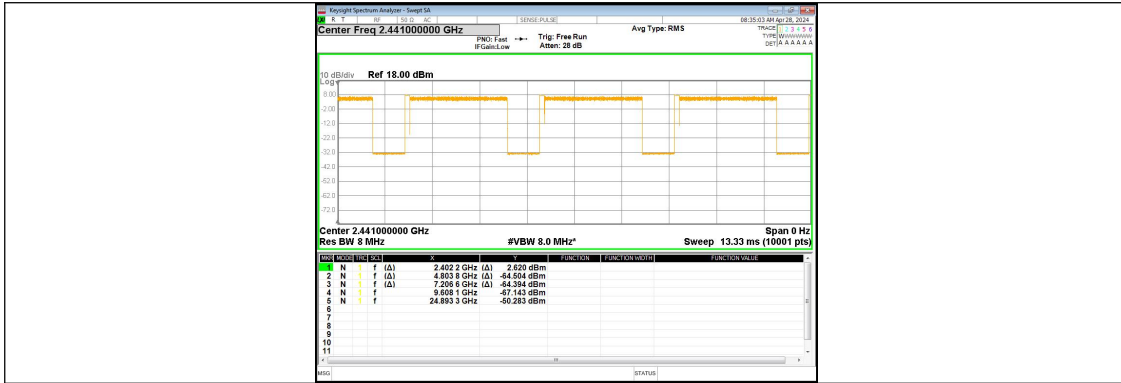
## Duty Cycle

### Test Result

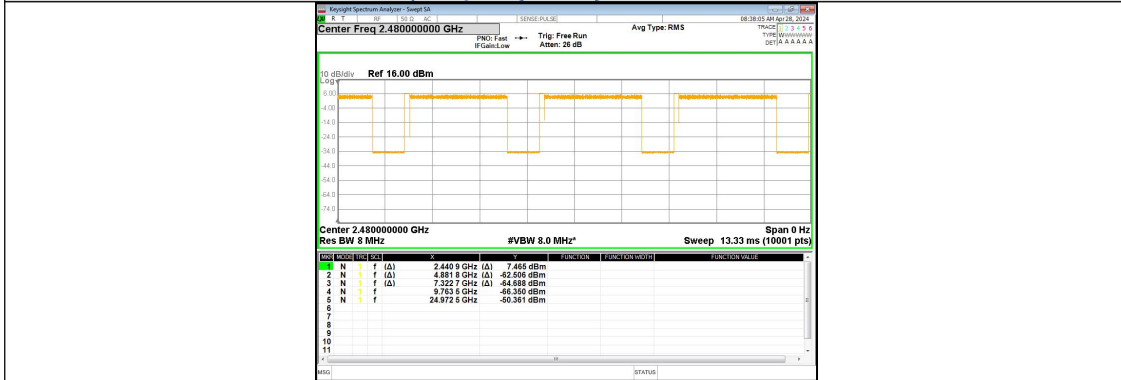
| Modulation    | Packets | Channel | On Time (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle (linear) | Duty Cycle Factor (dB) |
|---------------|---------|---------|--------------|-------------|----------------|---------------------|------------------------|
| GFSK          | DH5     | 0       | 2.884        | 3.784       | 76.22          | 0.7622              | 1.1793                 |
|               |         | 39      | 2.884        | 3.784       | 76.22          | 0.7622              | 1.1793                 |
|               |         | 78      | 2.884        | 3.784       | 76.22          | 0.7622              | 1.1793                 |
| $\pi/4$ DQPSK | 2-DH5   | 0       | 2.886        | 3.790       | 76.15          | 0.7615              | 1.1833                 |
|               |         | 39      | 2.887        | 3.789       | 76.18          | 0.7618              | 1.1816                 |
|               |         | 78      | 2.887        | 3.789       | 76.18          | 0.7618              | 1.1816                 |
| 8DPSK         | 3-DH5   | 0       | 2.888        | 3.792       | 76.16          | 0.7616              | 1.1827                 |
|               |         | 39      | 2.890        | 3.792       | 76.21          | 0.7621              | 1.1799                 |
|               |         | 78      | 2.888        | 3.792       | 76.16          | 0.7616              | 1.1827                 |

Test Graphs

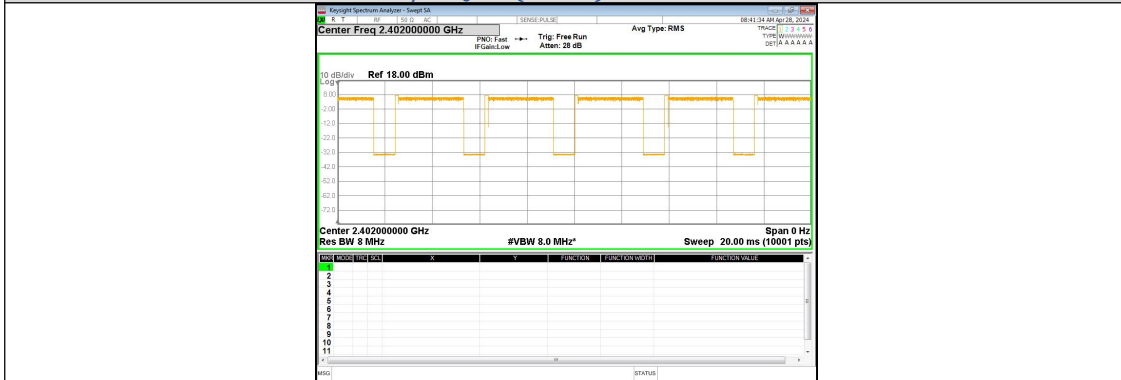




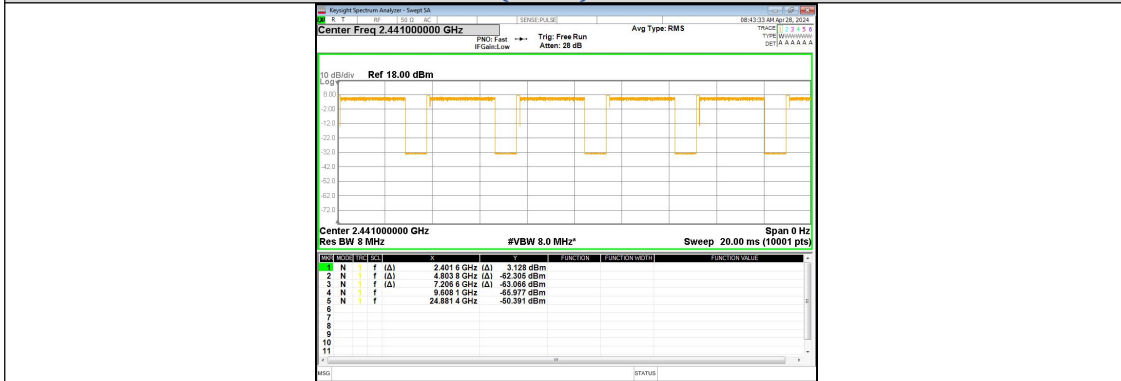
$\pi/4$ DQPSK(2-DH5) Channel 39



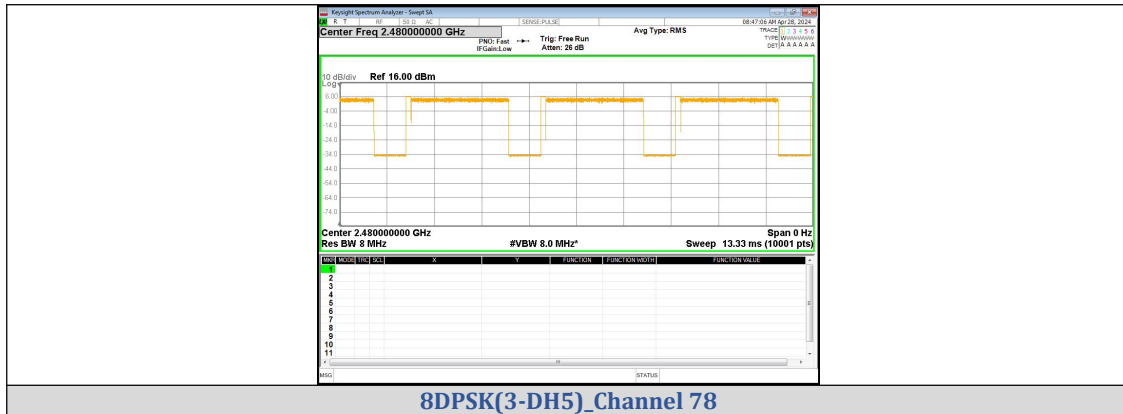
$\pi/4$ DQPSK(2-DH5) Channel 78



8DPSK(3-DH5) Channel 0



8DPSK(3-DH5) Channel 39



## 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    | CH39<br>(2441MHz) | 2.896            | 92                               | 266.43          | < 400      | PASS   |
| $\pi/4$ DQPSK | 2-DH5  |                   | 2.896            | 112                              | 324.35          |            | 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

