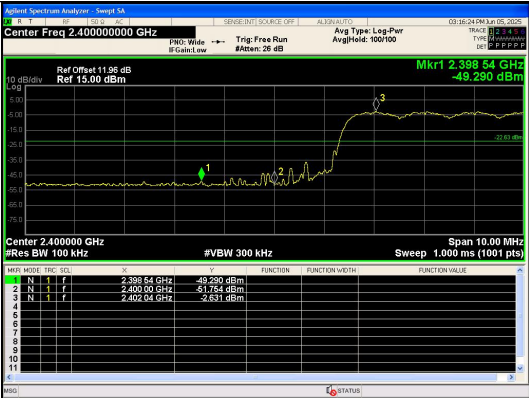**Out Of Band Emission(Left)**
**GFSK_DH5_Channel Hopping**



**Out Of Band Emission(Left)**
**π/4DQPSK_2-DH5_Channel Hopping**



**Out Of Band Emission(Right)**
**GFSK_DH5_Channel Hopping**



**Out Of Band Emission(Right)**
**π/4DQPSK_2-DH5_Channel Hopping**

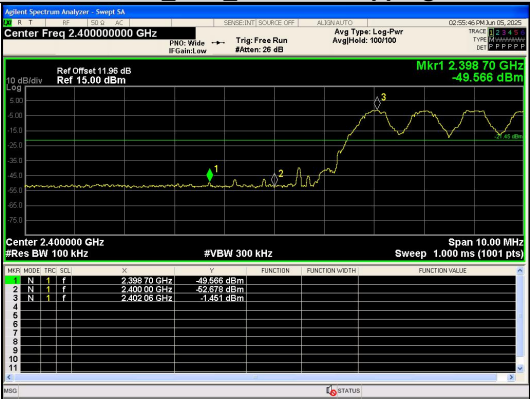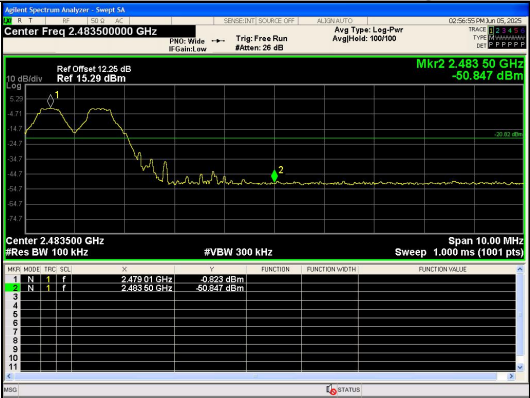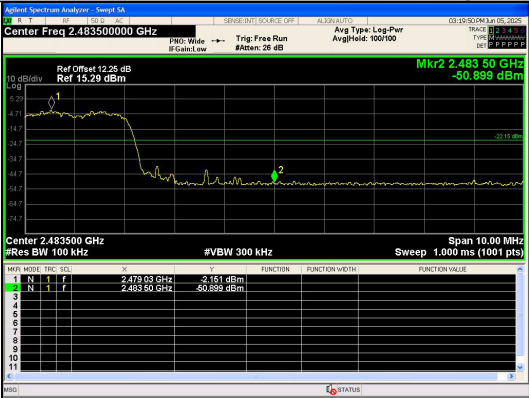

**Out Of Band Emission(Left)**
**GFSK_DH5_Channel Hopping**



**Out Of Band Emission(Left)**
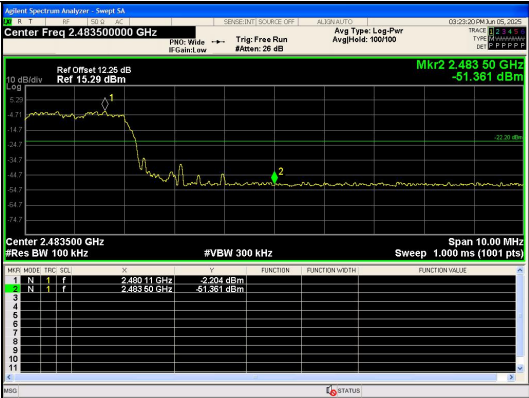**π/4DQPSK_2-DH5_Channel Hopping**



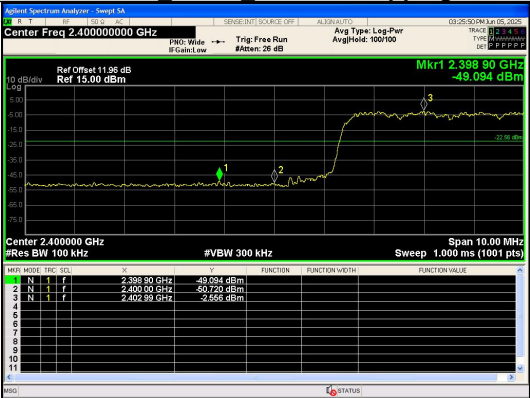**Out Of Band Emission(Right)**
**GFSK_DH5_Channel Hopping**



**Out Of Band Emission(Right)**
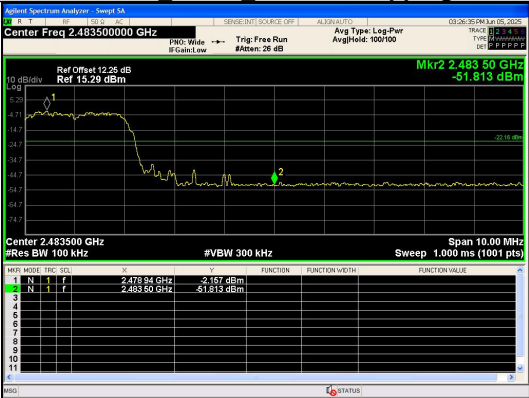**π/4DQPSK_2-DH5_Channel Hopping**

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



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



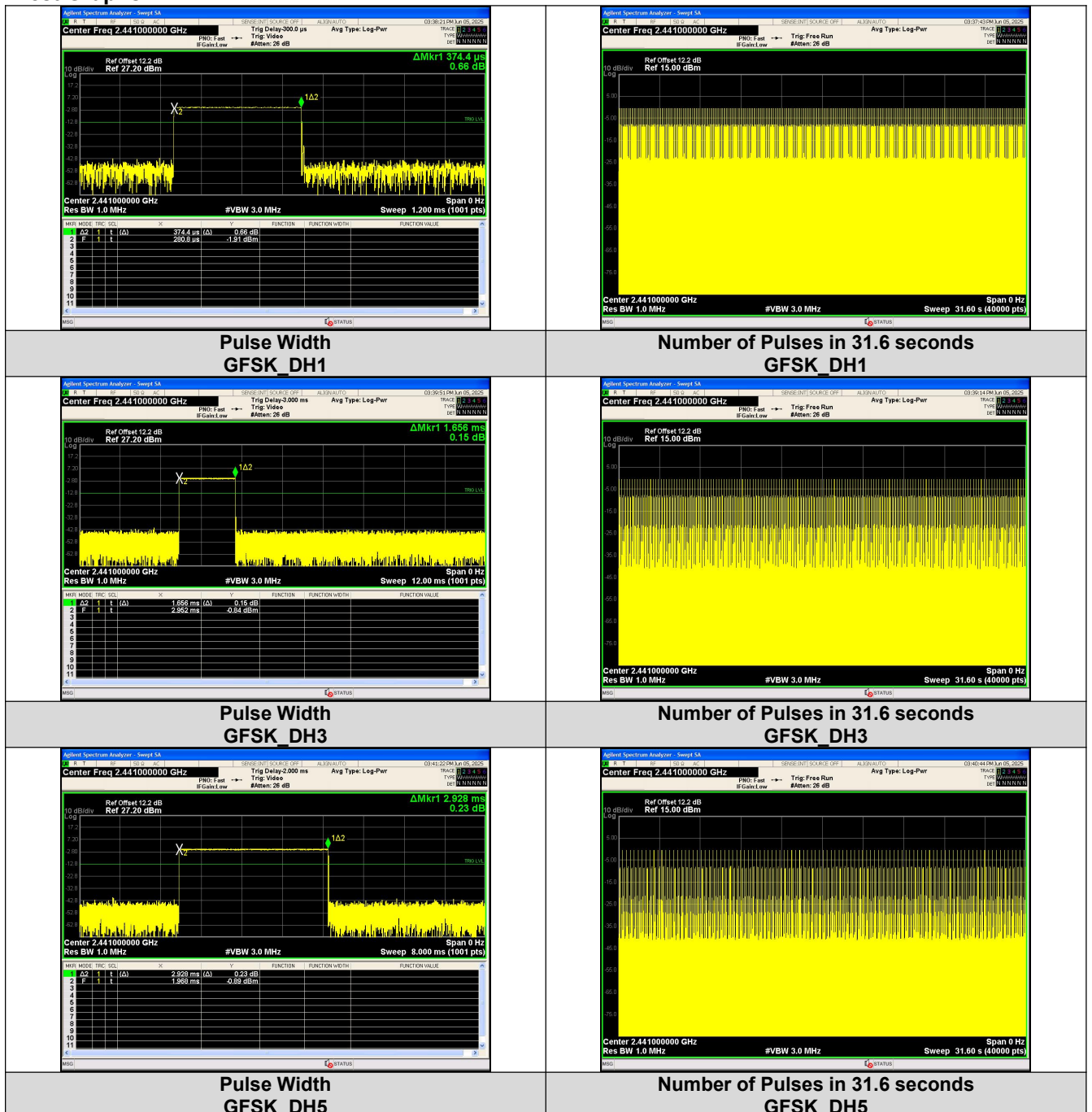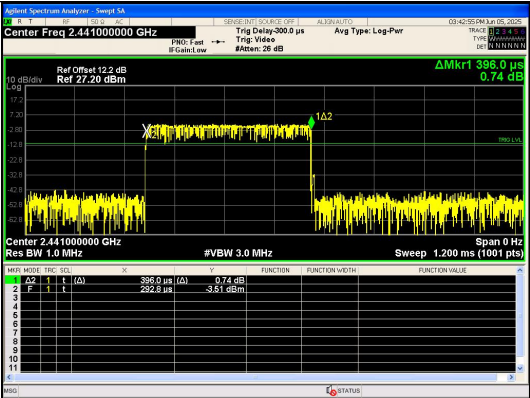**Out Of Band Emission(Left)**
**8DPSK_3-DH5_Channel Hopping**



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



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



**Out Of Band Emission(Right)**
**8DPSK_3-DH5_Channel Hopping**
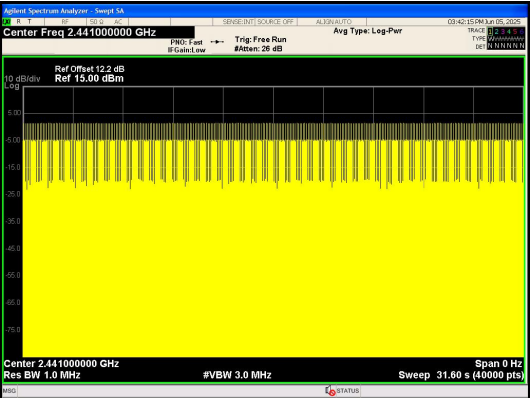
## APPENDIX VII.   Dwell Time
### Test Result

| Modulation | Packet | Channel | Pulse Width (ms) | Number of Pulses in 31.6 seconds | Dwell Time (ms) | Limit (ms) | Result |
|---|---|---|---|---|---|---|---|
| GFSK | DH1 | CH39 (2441MHz) | 0.3744 | 310 | 116.06 | < 400 | PASS |
| | DH3 | | 1.656 | 156 | 258.34 | | PASS |
| | DH5 | | 2.928 | 103 | 301.58 | | PASS |
| π/4DQPSK | 2-DH1 | | 0.3960 | 309 | 122.36 | | PASS |
| | 2-DH3 | | 1.632 | 156 | 254.59 | | PASS |
| | 2-DH5 | | 2.928 | 104 | 304.51 | | PASS |
| 8DPSK | 3-DH1 | | 0.3744 | 310 | 116.06 | | PASS |
| | 3-DH3 | | 1.656 | 155 | 256.68 | | PASS |
| | 3-DH5 | | 2.928 | 104 | 304.51 | | PASS |

### Test Graphs

| Pulse Width<br>GFSK_DH1 | Number of Pulses in 31.6 seconds<br>GFSK_DH1 |
|---|---|
| Pulse Width<br>GFSK_DH3 | Number of Pulses in 31.6 seconds<br>GFSK_DH3 |
| Pulse Width<br>GFSK_DH5 | Number of Pulses in 31.6 seconds<br>GFSK_DH5 |

**Pulse Width**
**π/4DQPSK_2-DH1**



**Number of Pulses in 31.6 seconds**
**π/4DQPSK_2-DH1**
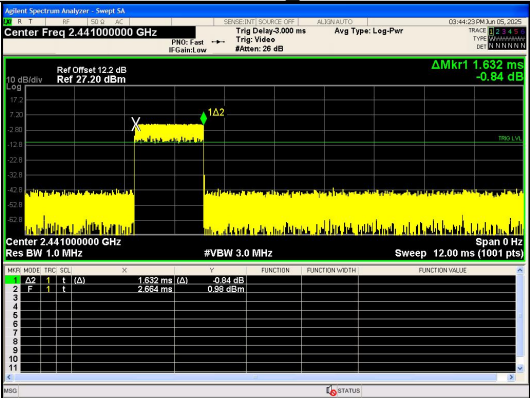


**Pulse Width**
**π/4DQPSK_2-DH3**
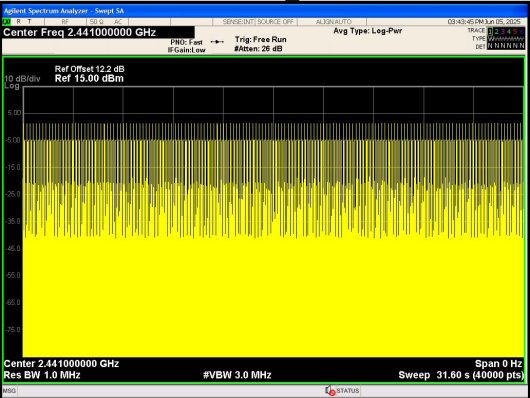


**Number of Pulses in 31.6 seconds**
**π/4DQPSK_2-DH3**
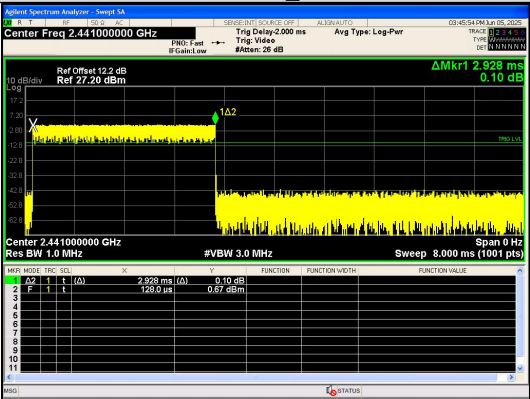


**Pulse Width**
**π/4DQPSK_2-DH5**
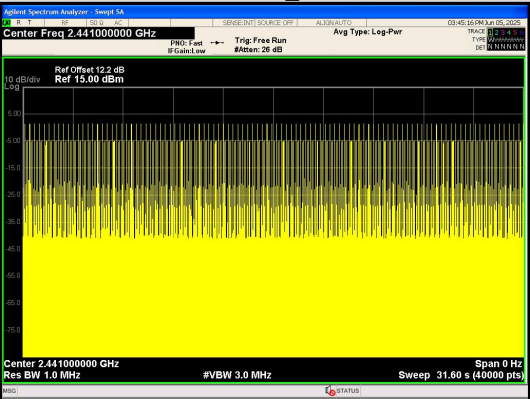


**Number of Pulses in 31.6 seconds**
**π/4DQPSK_2-DH5**
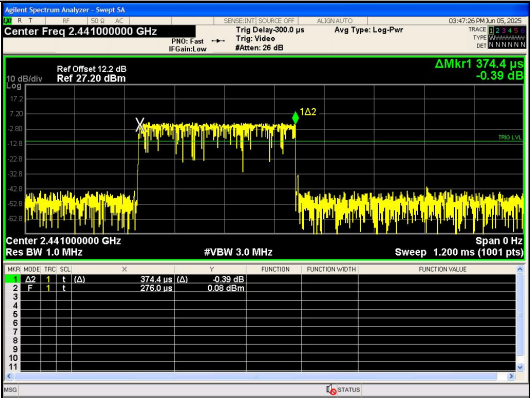


**Pulse Width**
**8DPSK_3-DH1**
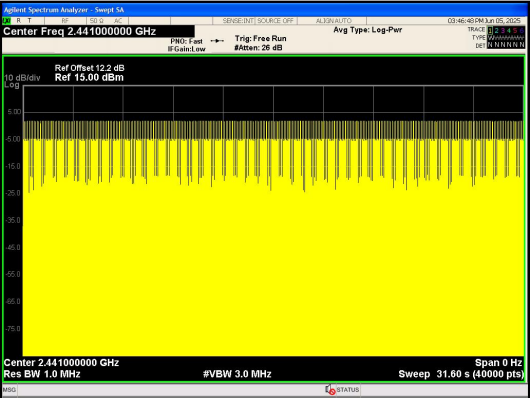


**Number of Pulses in 31.6 seconds**
**8DPSK_3-DH1**

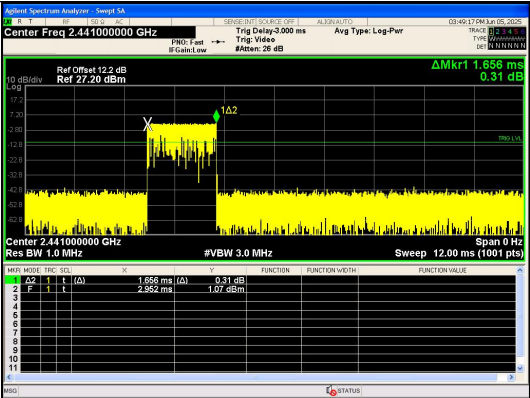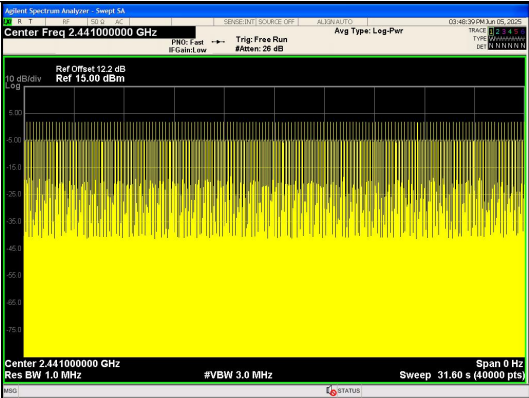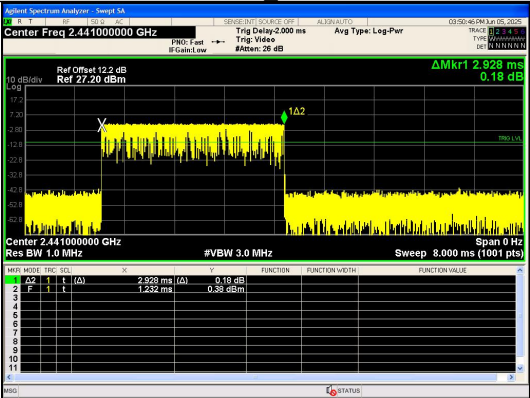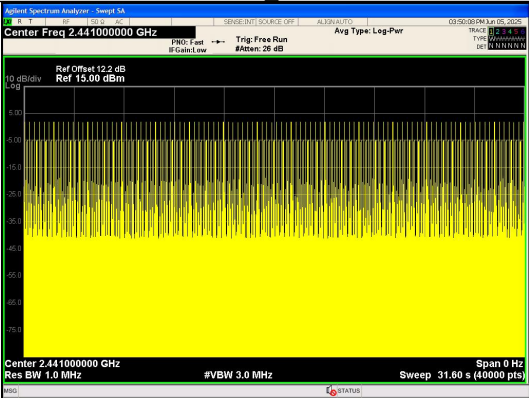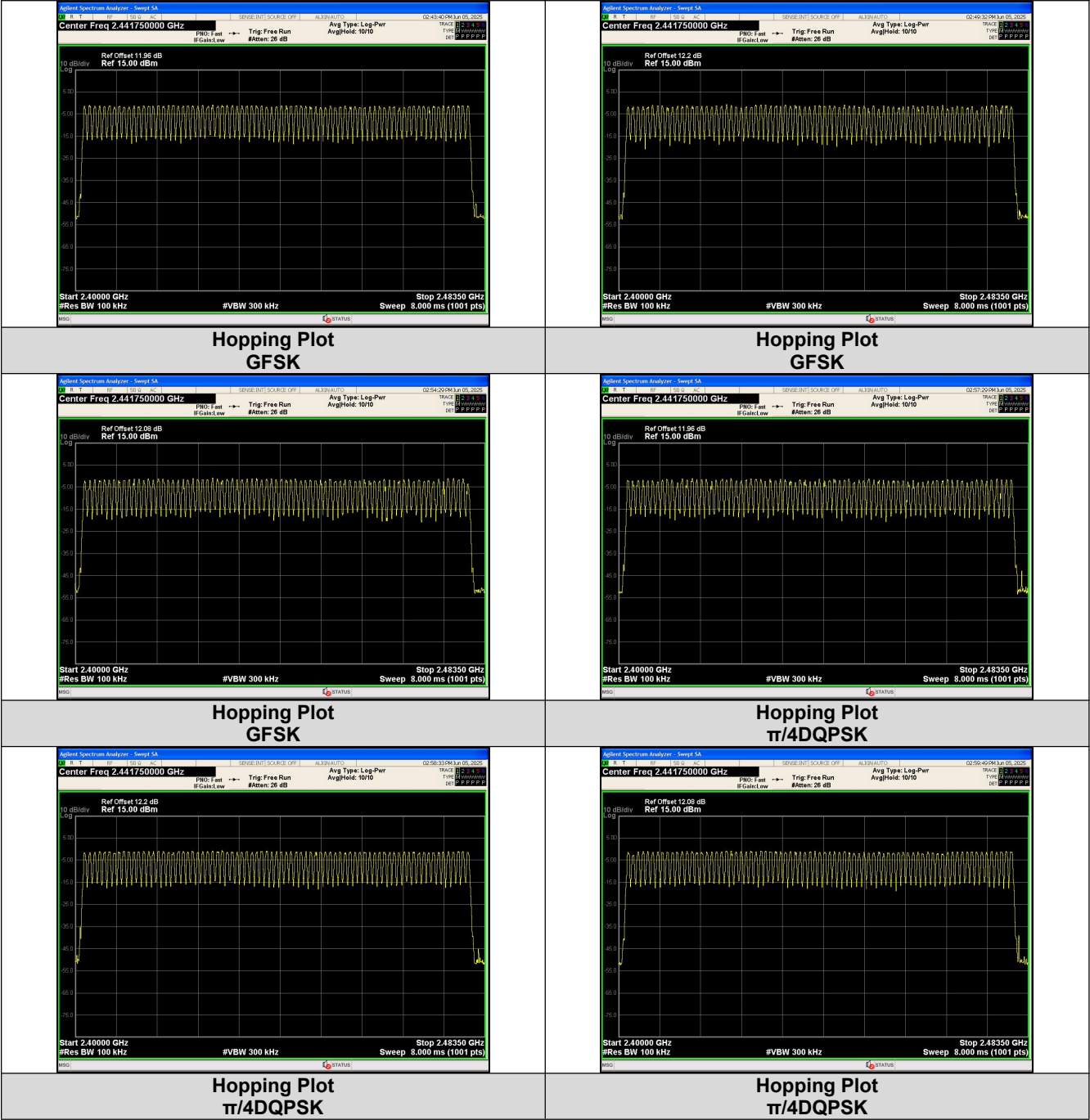| Pulse Width 8DPSK_3-DH3 | Number of Pulses in 31.6 seconds 8DPSK_3-DH3 |



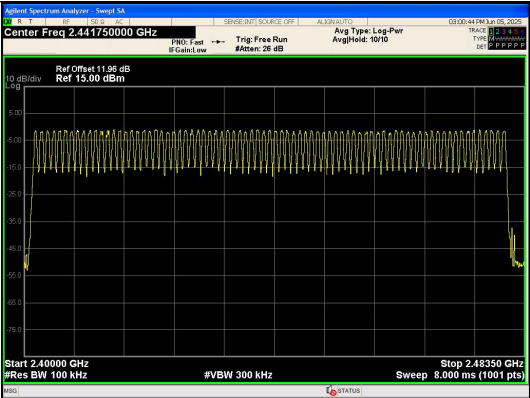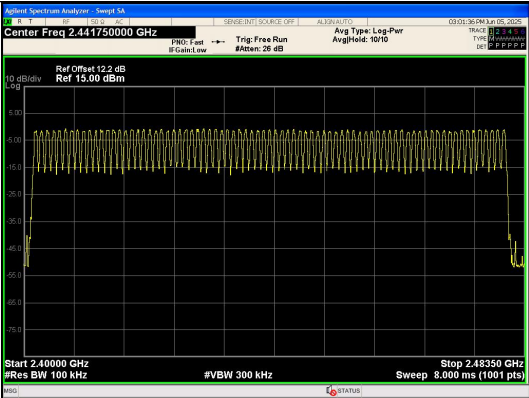| Pulse Width 8DPSK_3-DH5 | Number of Pulses in 31.6 seconds 8DPSK_3-DH5 |

## APPENDIX VIII.  Number Of Hopping Channel

**Test Result**

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

**Test Graphs**



Hopping Plot
GFSK



Hopping Plot
GFSK



Hopping Plot
GFSK



Hopping Plot
π/4DQPSK



Hopping Plot
π/4DQPSK



Hopping Plot
π/4DQPSK

**Hopping Plot
8DPSK**
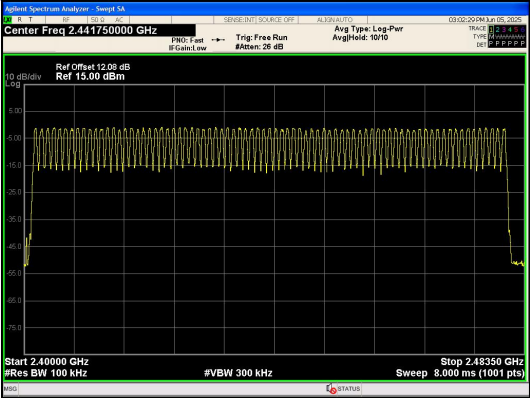


**Hopping Plot
8DPSK**



**Hopping Plot
8DPSK**

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