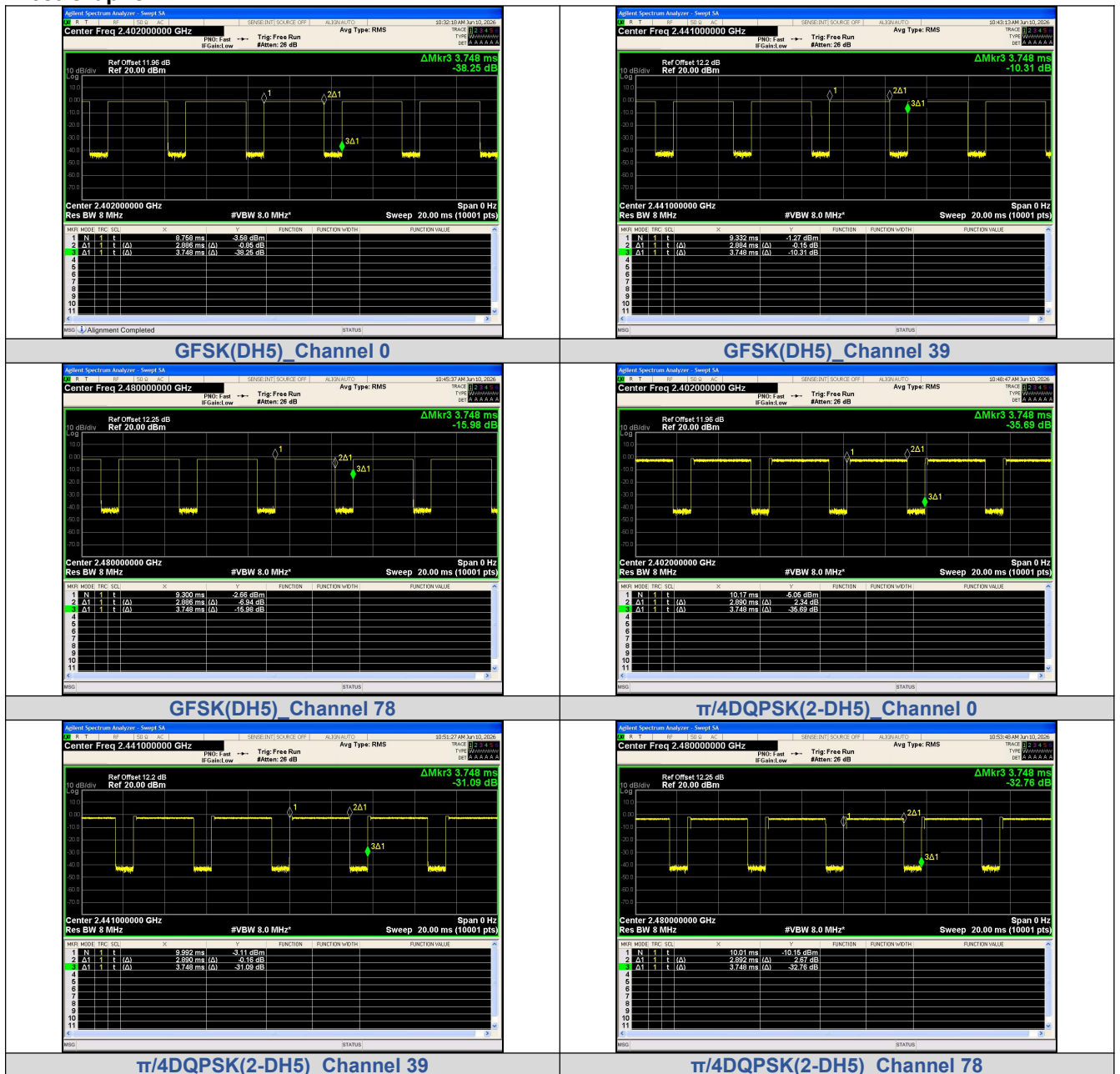


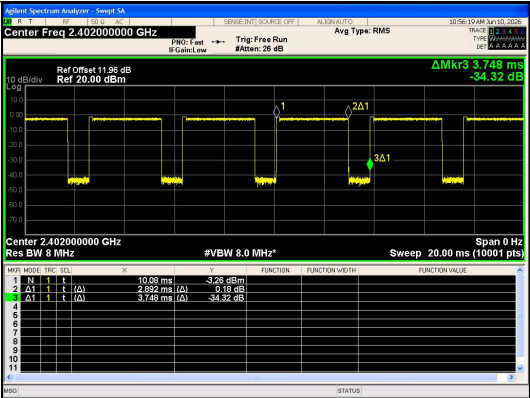
## APPENDIX VI. Duty Cycle

### Test Result

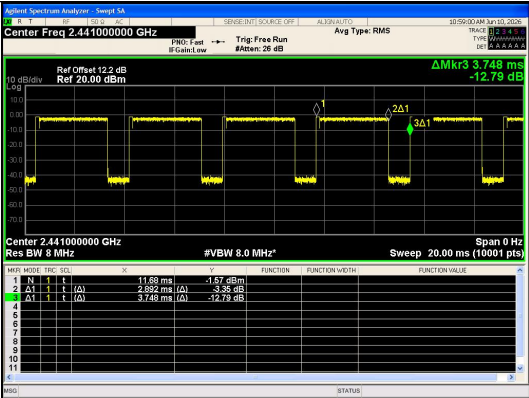
| Modulation    | Packets | Channel | On Time (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle (linear) | Duty Cycle Factor (dB) | 1/T    |
|---------------|---------|---------|--------------|-------------|----------------|---------------------|------------------------|--------|
| GFSK          | DH5     | 0       | 2.886        | 3.748       | 77.00          | 0.7700              | 1.1351                 | 0.3465 |
|               |         | 39      | 2.884        | 3.748       | 76.95          | 0.7695              | 1.1379                 | 0.3467 |
|               |         | 78      | 2.886        | 3.748       | 77.00          | 0.7700              | 1.1351                 | 0.3465 |
| $\pi/4$ DQPSK | 2-DH5   | 0       | 2.890        | 3.748       | 77.11          | 0.7711              | 1.1289                 | 0.3460 |
|               |         | 39      | 2.890        | 3.748       | 77.11          | 0.7711              | 1.1289                 | 0.3460 |
|               |         | 78      | 2.892        | 3.748       | 77.16          | 0.7716              | 1.1261                 | 0.3458 |
| 8DPSK         | 3-DH5   | 0       | 2.892        | 3.748       | 77.16          | 0.7716              | 1.1261                 | 0.3458 |
|               |         | 39      | 2.892        | 3.748       | 77.16          | 0.7716              | 1.1261                 | 0.3458 |
|               |         | 78      | 2.894        | 3.748       | 77.21          | 0.7721              | 1.1233                 | 0.3455 |

### Test Graphs

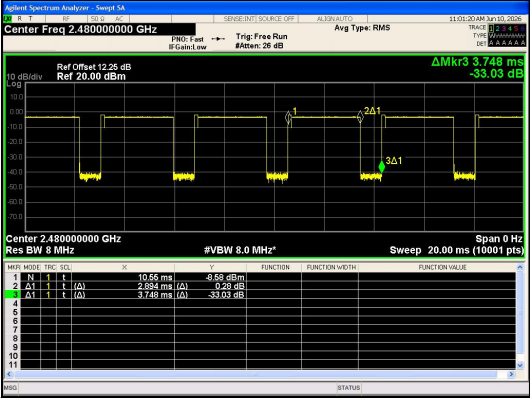




8DPSK(3-DH5)\_Channel 0



8DPSK(3-DH5)\_Channel 39



8DPSK(3-DH5)\_Channel 78

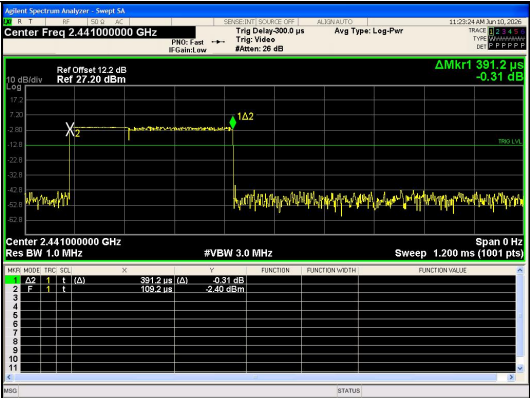
## APPENDIX VII. Dwell Time Test Result

| Modulation    | Packet | Channel | Pulse Width (ms) | Number of Pulses in 31.6 seconds | Dwell Time (ms) | Limit (ms) | Result |
|---------------|--------|---------|------------------|----------------------------------|-----------------|------------|--------|
| GFSK          | DH1    | Hopping | 0.3816           | 315                              | 120.2           | < 400      | PASS   |
|               | DH3    |         | 1.644            | 162                              | 266.33          |            | PASS   |
|               | DH5    |         | 2.880            | 111                              | 319.68          |            | PASS   |
| $\pi/4$ DQPSK | 2-DH1  |         | 0.3912           | 319                              | 124.79          |            | PASS   |
|               | 2-DH3  |         | 1.644            | 167                              | 274.55          |            | PASS   |
|               | 2-DH5  |         | 2.896            | 112                              | 324.35          |            | PASS   |
| 8DPSK         | 3-DH1  |         | 0.3912           | 317                              | 124.01          |            | PASS   |
|               | 3-DH3  |         | 1.644            | 163                              | 267.97          |            | PASS   |
|               | 3-DH5  |         | 2.896            | 94                               | 272.22          |            | PASS   |

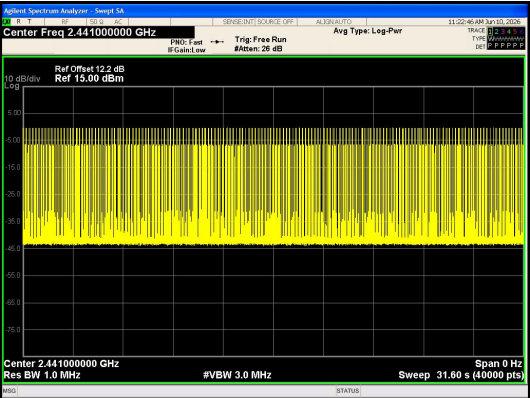
Note: Dwell time=Pulse time(ms)\*Number of Pulses in 31.6 seconds

### Test Graphs

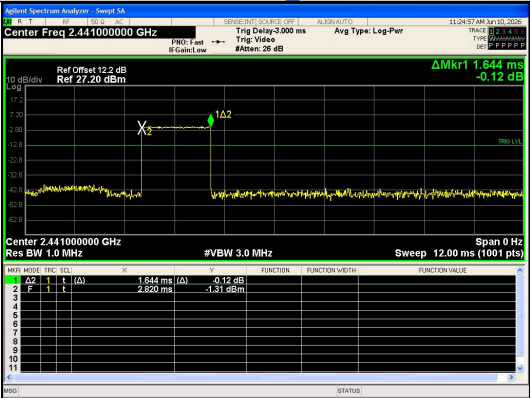




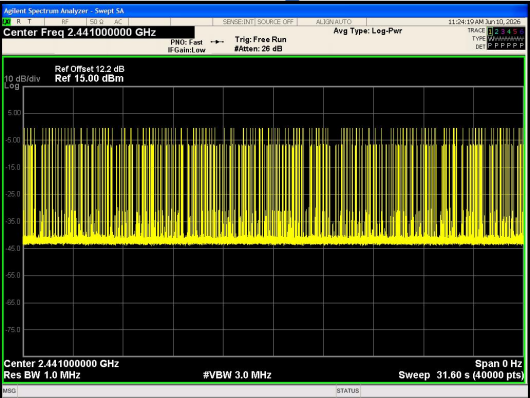
Pulse Width  
 $\pi/4$ DQPSK\_2-DH1



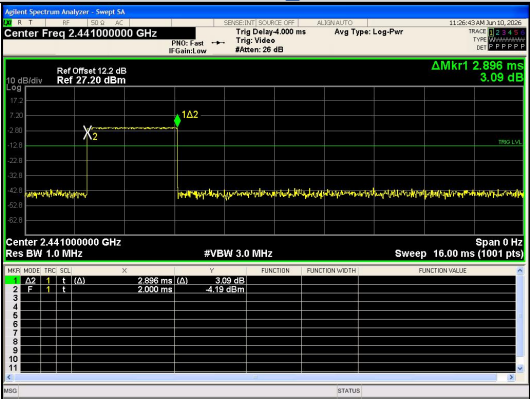
Number of Pulses in 31.6 seconds  
 $\pi/4$ DQPSK\_2-DH1



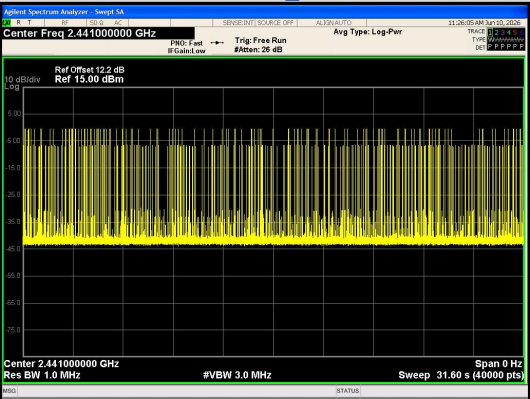
Pulse Width  
 $\pi/4$ DQPSK\_2-DH3



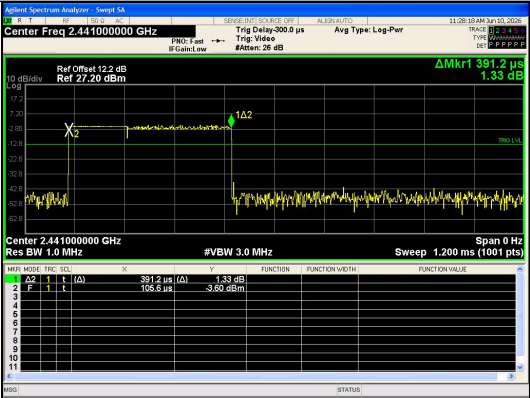
Number of Pulses in 31.6 seconds  
 $\pi/4$ DQPSK\_2-DH3



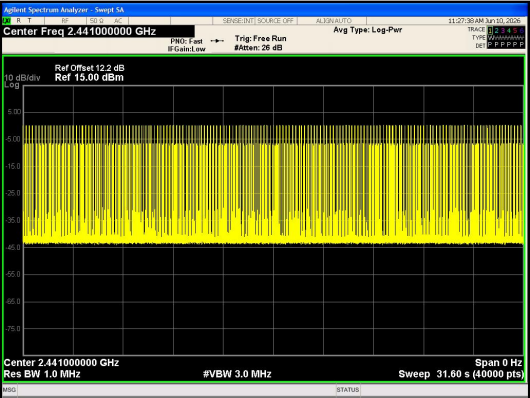
Pulse Width  
 $\pi/4$ DQPSK\_2-DH5



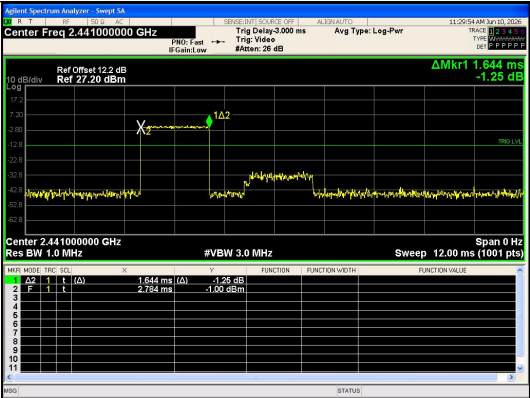
Number of Pulses in 31.6 seconds  
 $\pi/4$ DQPSK\_2-DH5



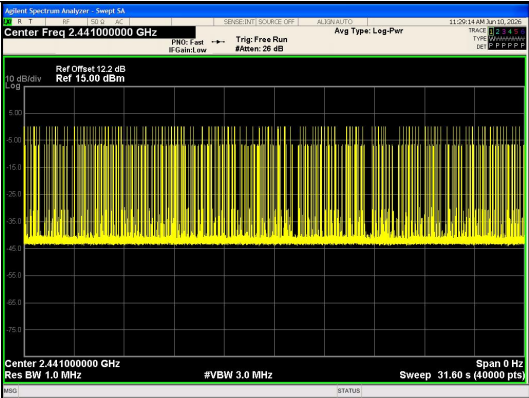
Pulse Width  
8DPSK\_3-DH1



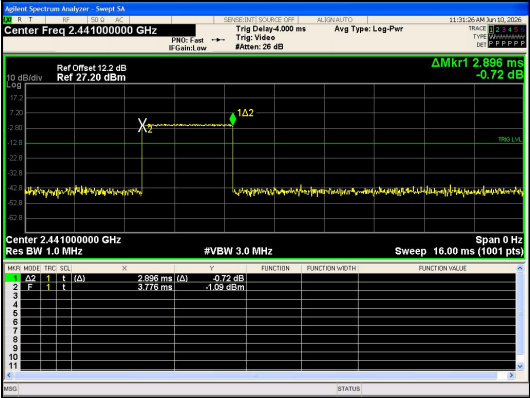
Number of Pulses in 31.6 seconds  
8DPSK\_3-DH1



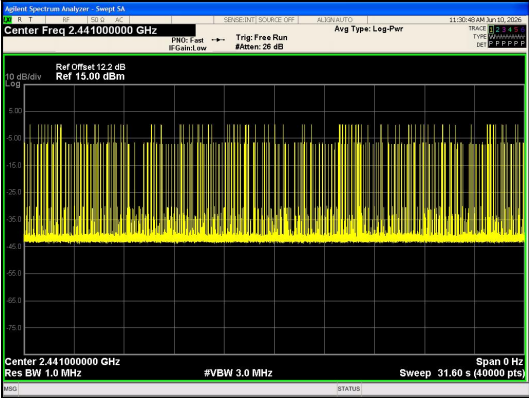
Pulse Width  
8DPSK\_3-DH3



Number of Pulses in 31.6 seconds  
8DPSK\_3-DH3



Pulse Width  
8DPSK\_3-DH5

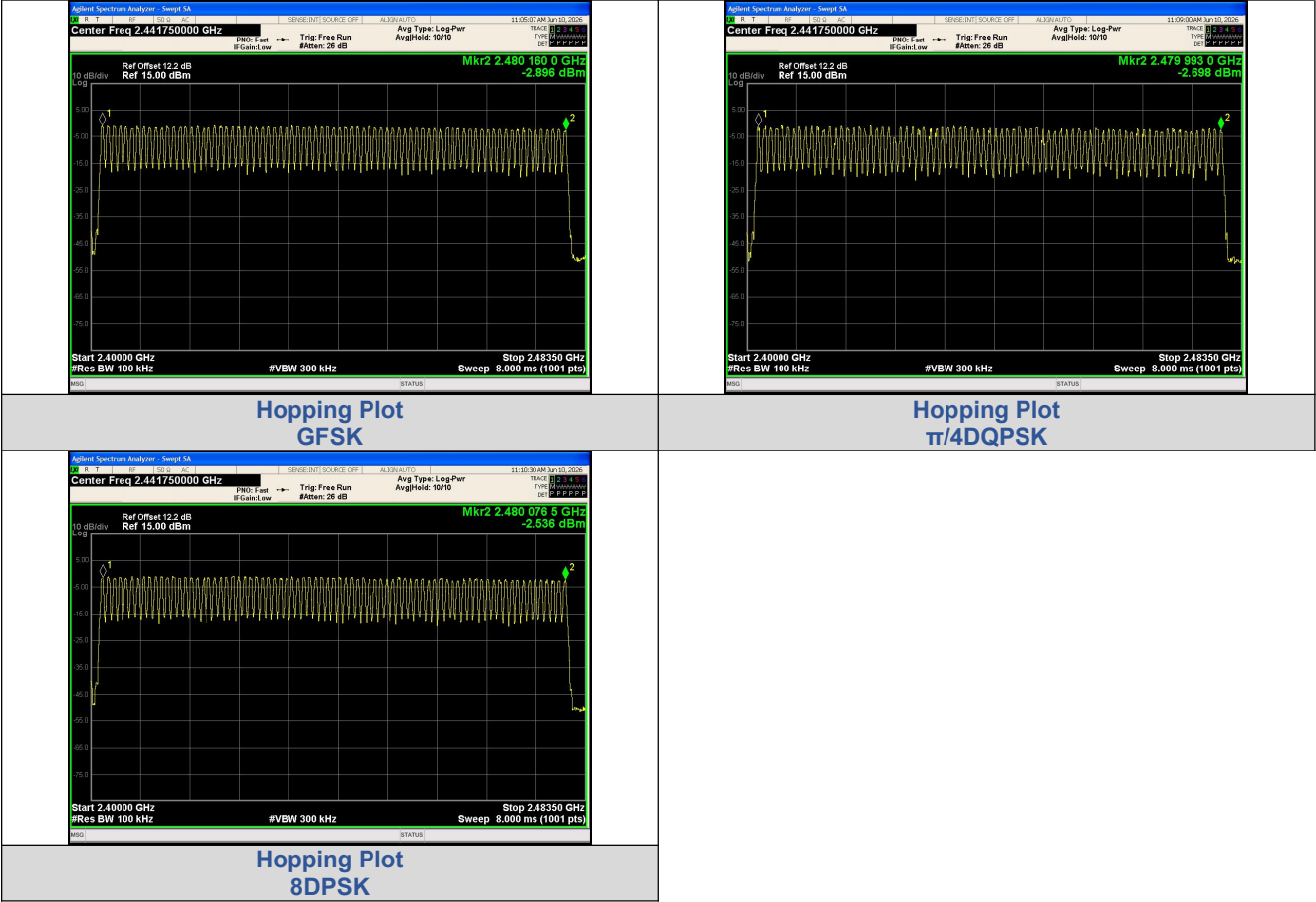


Number of Pulses in 31.6 seconds  
8DPSK\_3-DH5

APPENDIX VIII. Number Of Hopping Channel  
Test Result

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

Test Graphs



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