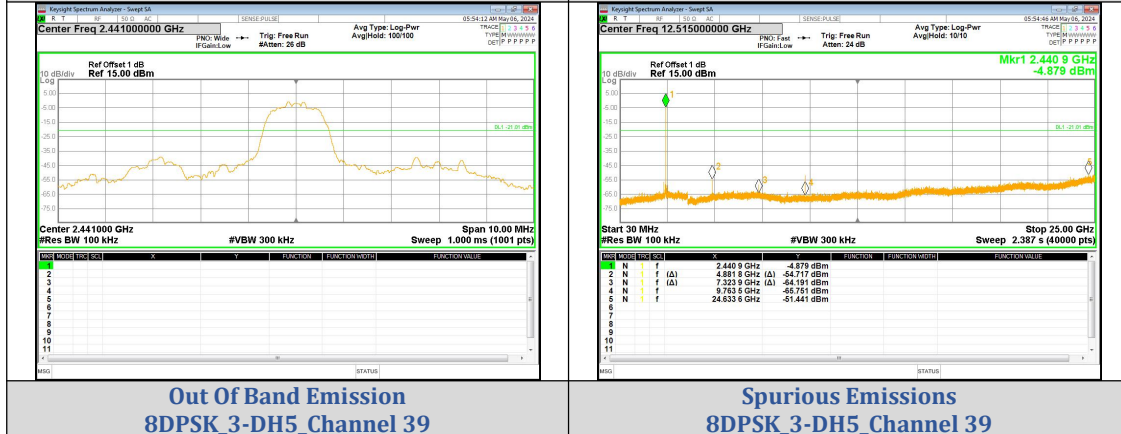
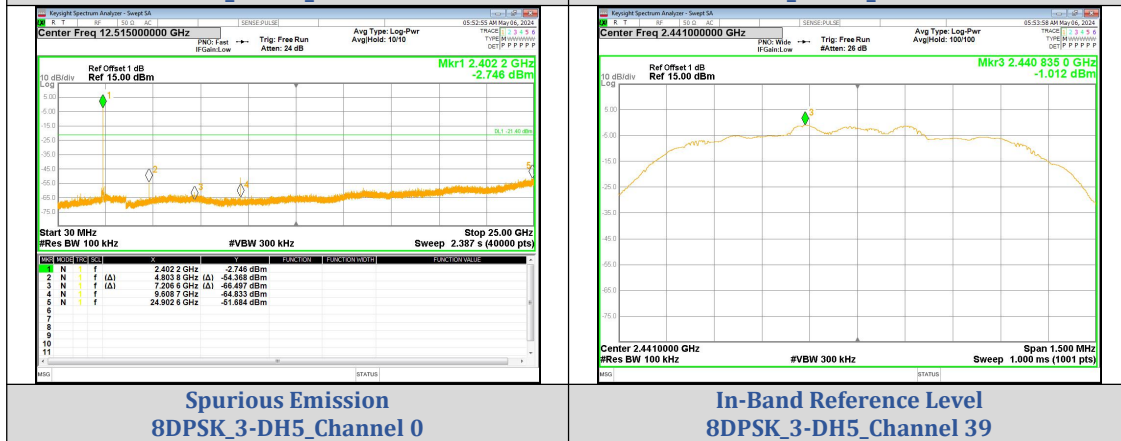
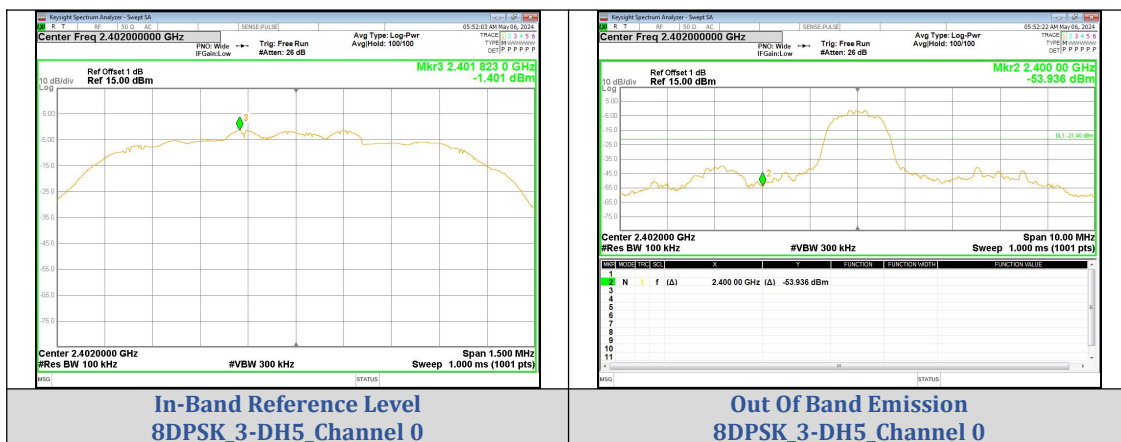
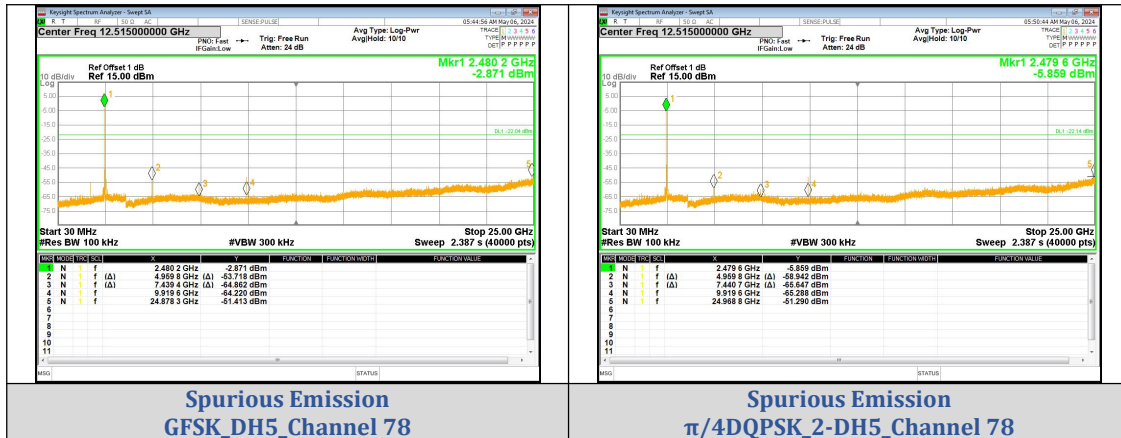
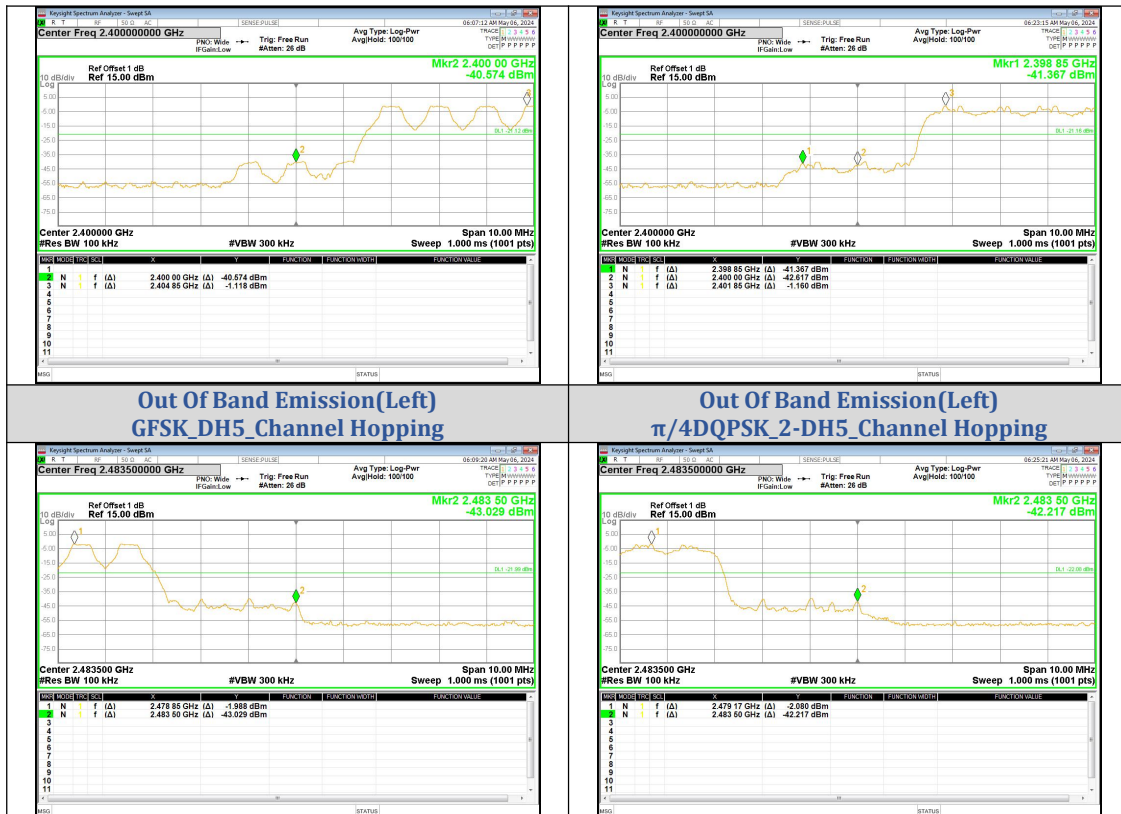
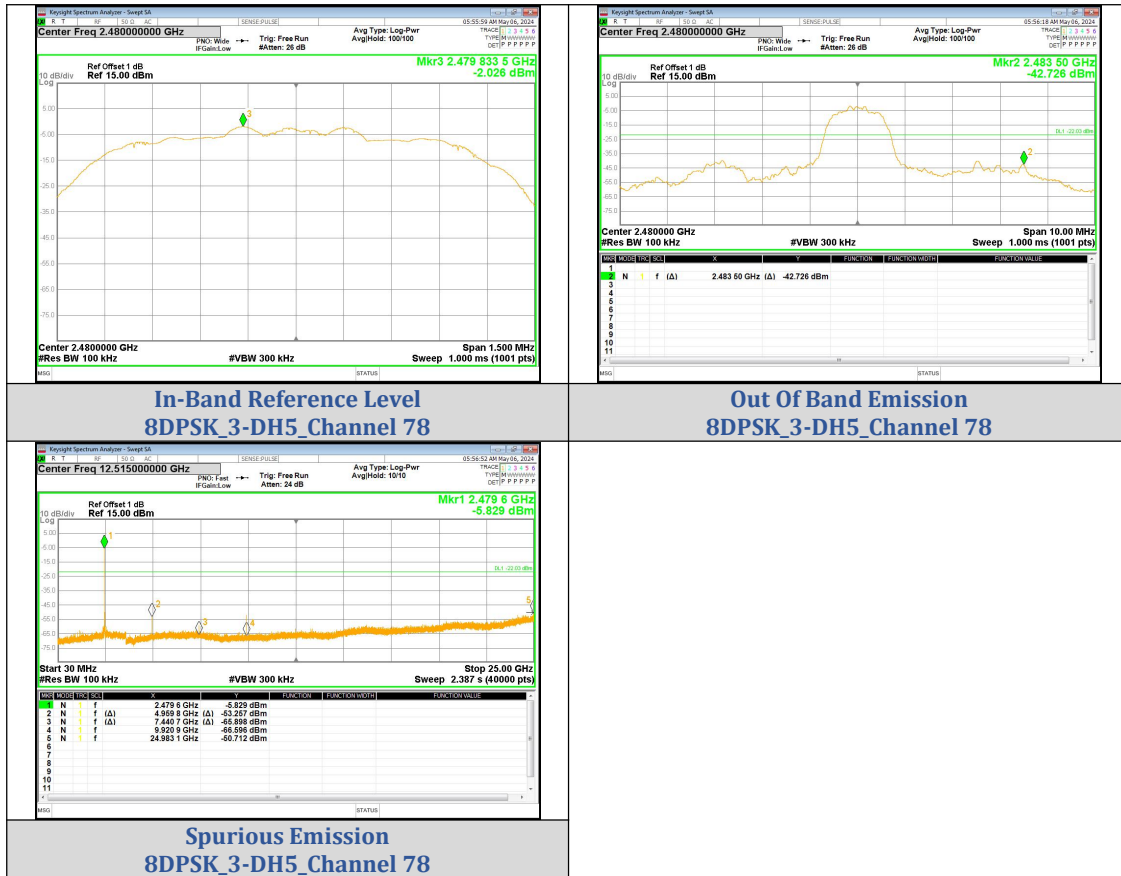
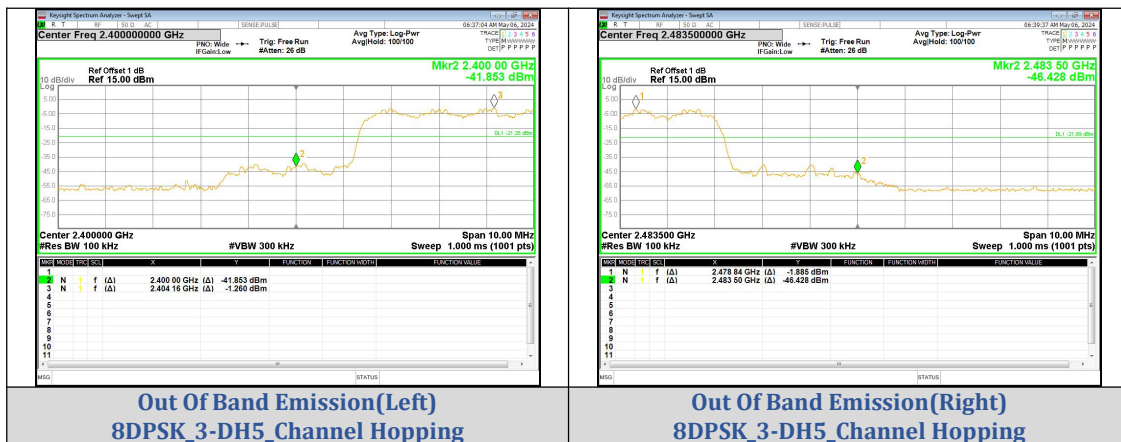






### Out Of Band Emission(Right) GFSK\_DH5\_Channel Hopping

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



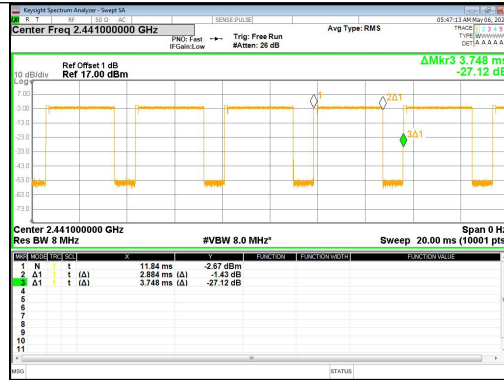
## Duty Cycle

### Test Result

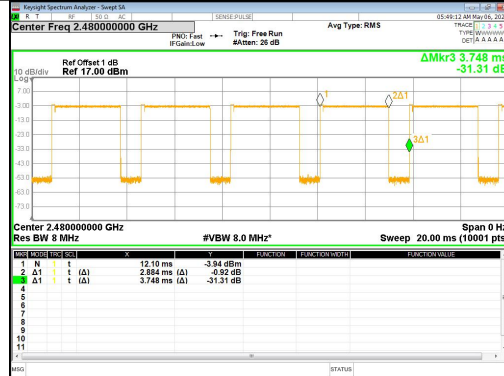
| Modulation    | Packets | Channel | On Time (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle (linear) | Duty Cycle Factor (dB) |
|---------------|---------|---------|--------------|-------------|----------------|---------------------|------------------------|
| GFSK          | DH5     | 0       | 2.878        | 3.748       | 76.79          | 0.7679              | 1.147                  |
|               |         | 39      | 2.878        | 3.748       | 76.79          | 0.7679              | 1.147                  |
|               |         | 78      | 2.878        | 3.748       | 76.79          | 0.7679              | 1.147                  |
| $\pi/4$ DQPSK | 2-DH5   | 0       | 2.884        | 3.748       | 76.95          | 0.7695              | 1.1379                 |
|               |         | 39      | 2.884        | 3.748       | 76.95          | 0.7695              | 1.1379                 |
|               |         | 78      | 2.884        | 3.748       | 76.95          | 0.7695              | 1.1379                 |
| 8DPSK         | 3-DH5   | 0       | 2.886        | 3.748       | 77.00          | 0.7700              | 1.1351                 |
|               |         | 39      | 2.886        | 3.748       | 77.00          | 0.7700              | 1.1351                 |
|               |         | 78      | 2.888        | 3.748       | 77.05          | 0.7705              | 1.1323                 |

# Test Graphs

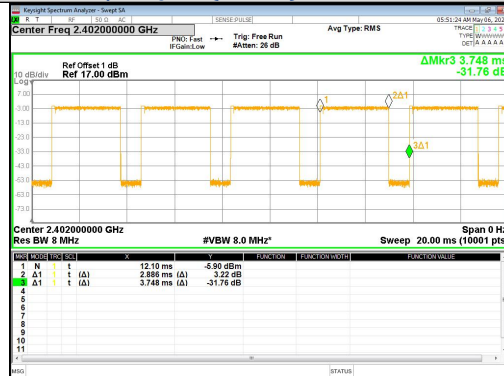




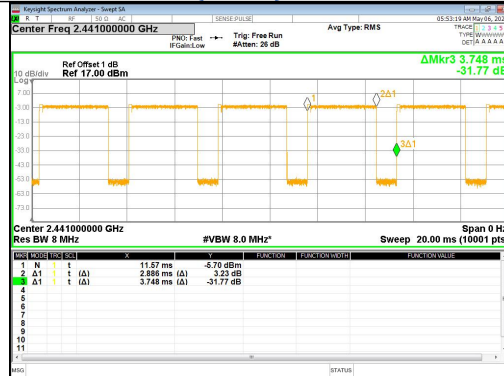
$\pi/4$ DQPSK(2-DH5)\_Channel 39



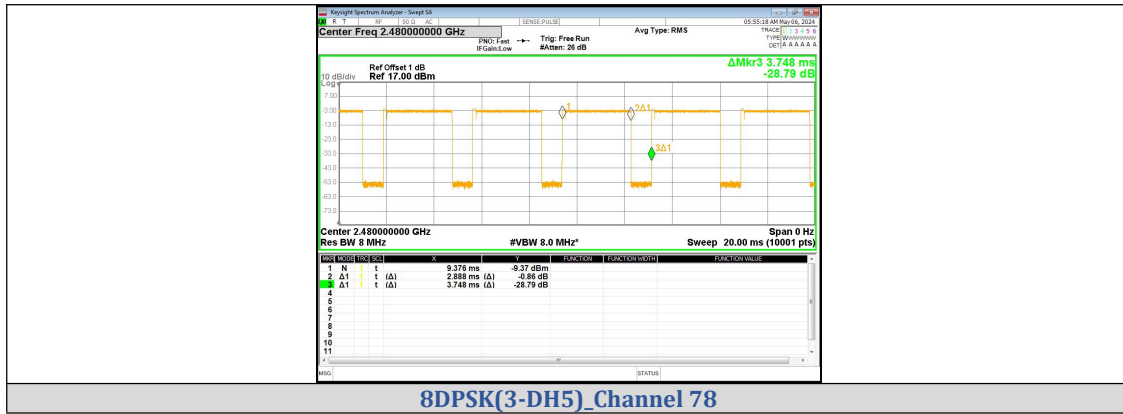
$\pi/4$ DQPSK(2-DH5)\_Channel 78



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    | CH78<br>(2480MHz) | 2.880            | 111                              | 319.68          | < 400      | PASS   |
| $\pi/4$ DQPSK | 2-DH5  |                   | 2.880            | 124                              | 357.12          |            | PASS   |
| 8DPSK         | 3-DH5  |                   | 2.896            | 106                              | 306.98          |            | 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

