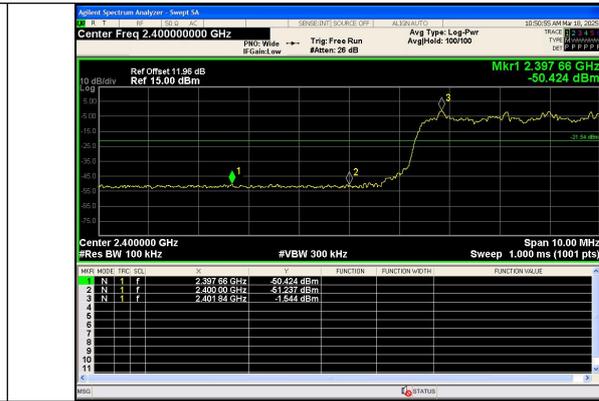
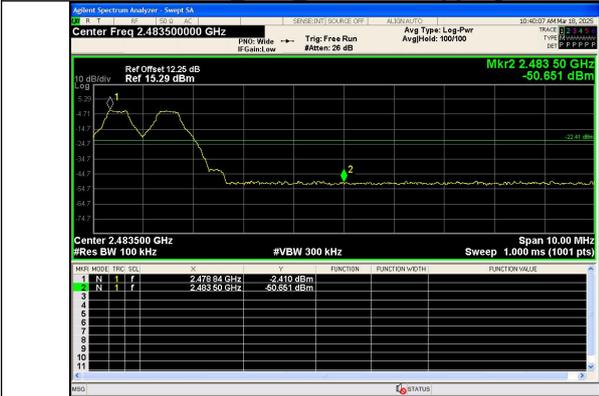


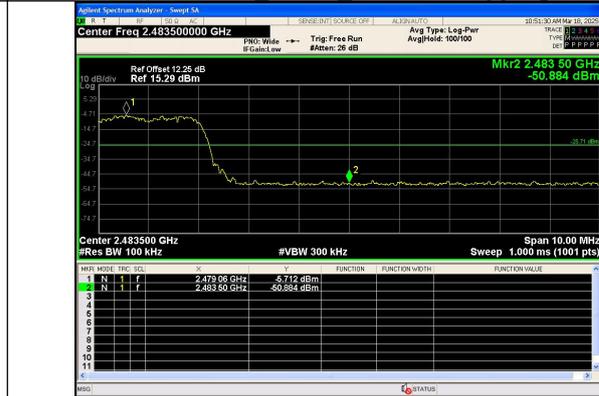
Out Of Band Emission(Left)
GFSK DH5 Channel Hopping



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



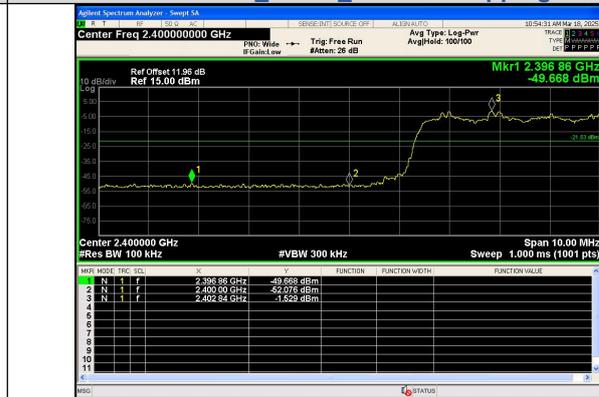
Out Of Band Emission(Right)
GFSK DH5 Channel Hopping



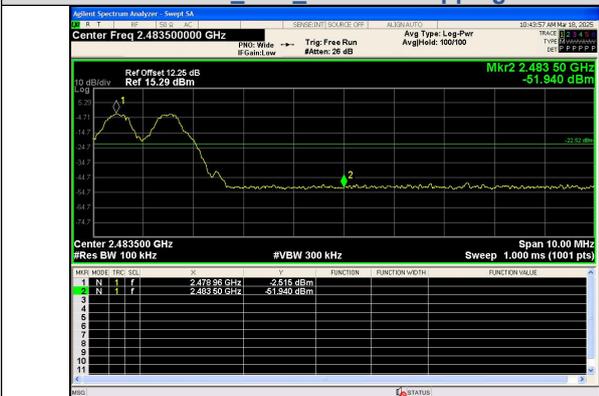
Out Of Band Emission(Right)
pi/4DQPSK 2-DH5 Channel Hopping



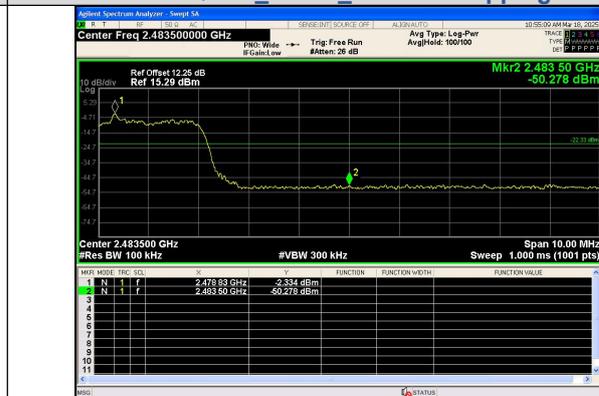
Out Of Band Emission(Left)
GFSK DH5 Channel Hopping



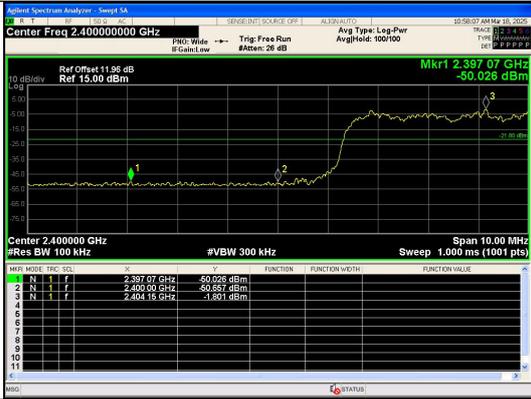
Out Of Band Emission(Left)
pi/4DQPSK 2-DH5 Channel Hopping



Out Of Band Emission(Right)
GFSK DH5 Channel Hopping



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



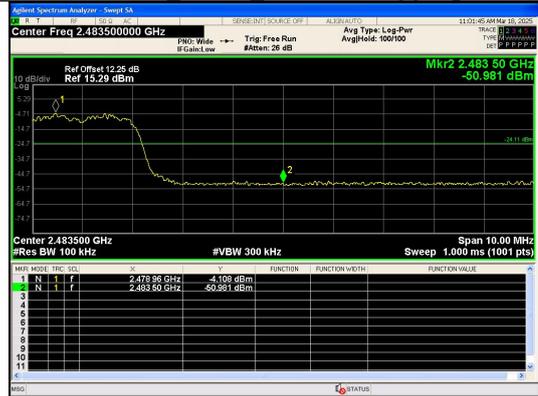
Out Of Band Emission(Left)
8DPSK_3-DH5_Channel Hopping



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



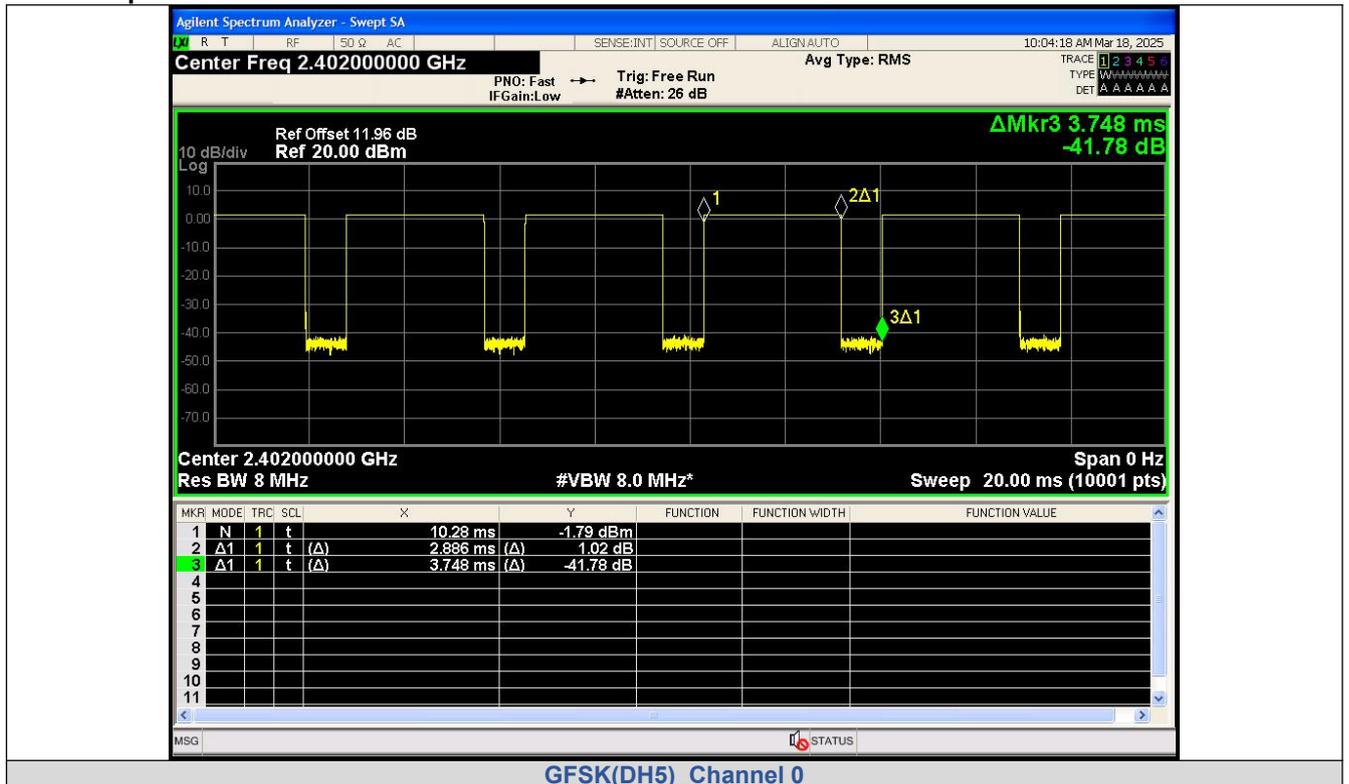
Out Of Band Emission(Right)
8DPSK_3-DH5_Channel Hopping

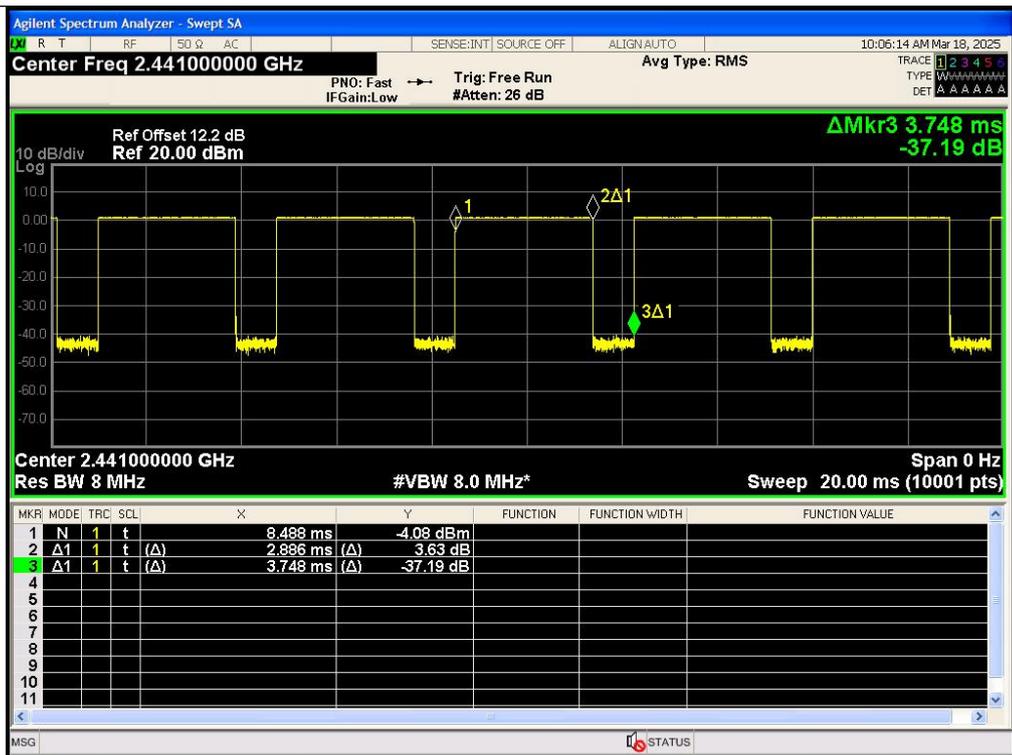
APPENDIX VI. Duty Cycle

Test Result

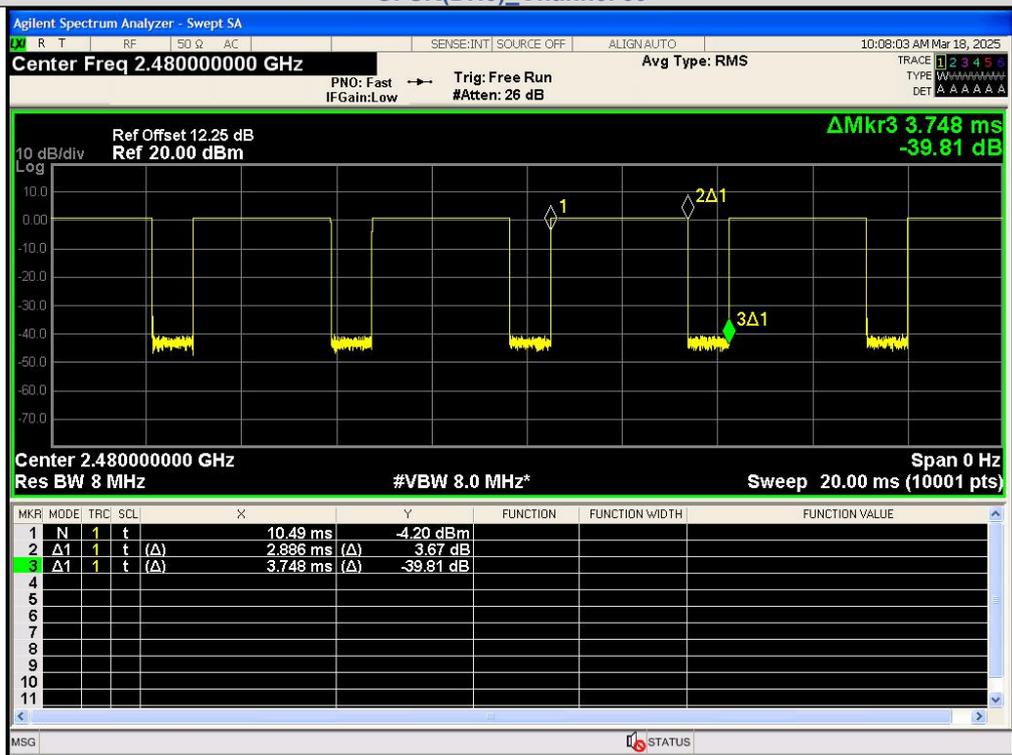
| Modulation | Packets | Channel | On Time (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle (linear) | Duty Cycle Factor (dB) |
|---------------|---------|---------|--------------|-------------|----------------|---------------------|------------------------|
| GFSK | DH5 | 0 | 2.886 | 3.748 | 77.00 |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

Test Graphs

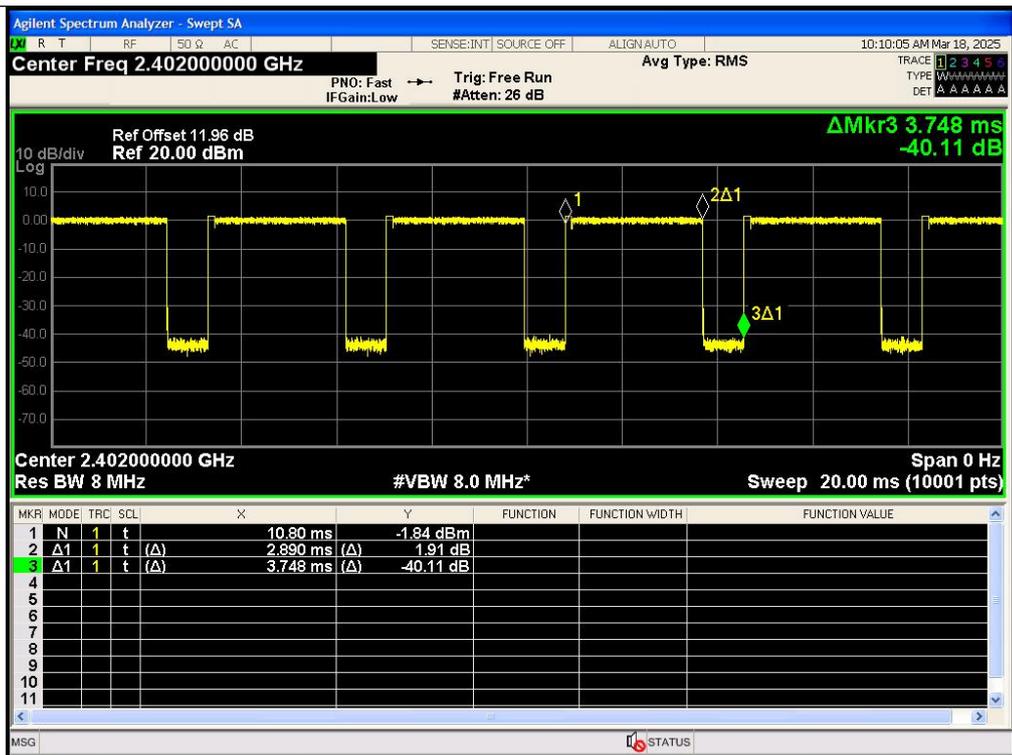




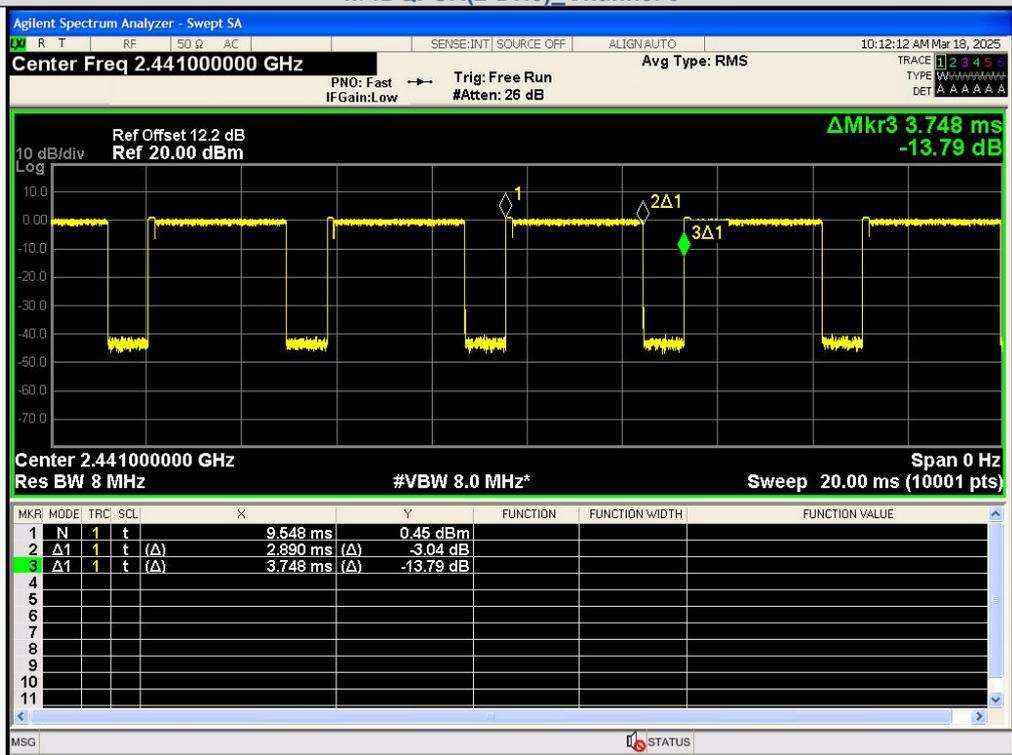
GFSK(DH5)_Channel 39



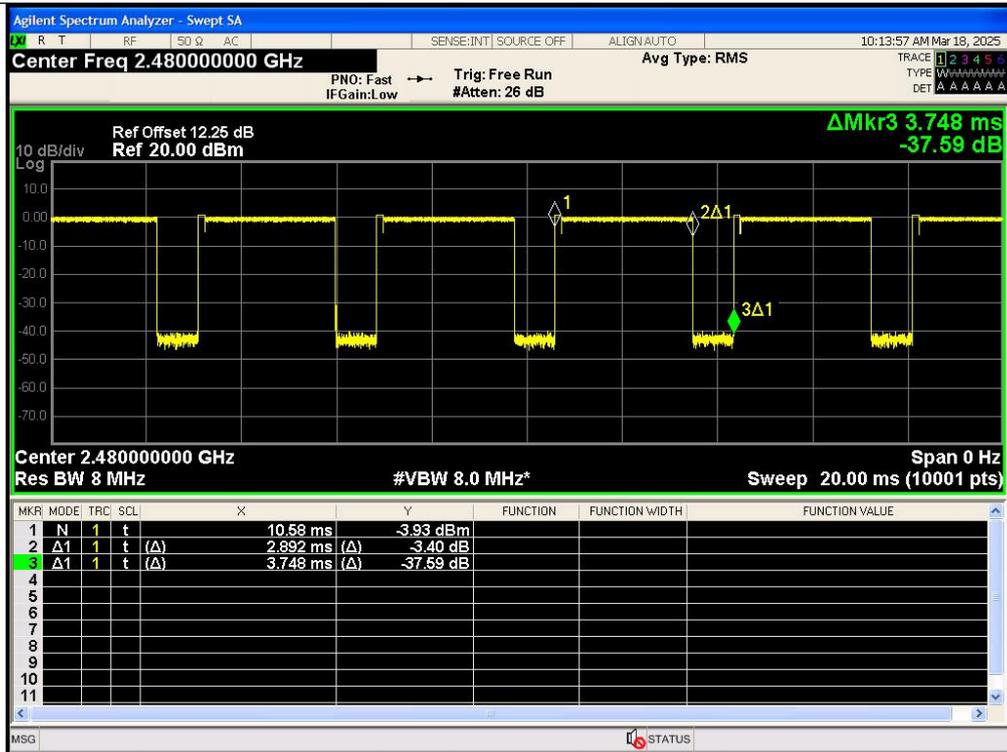
GFSK(DH5)_Channel 78



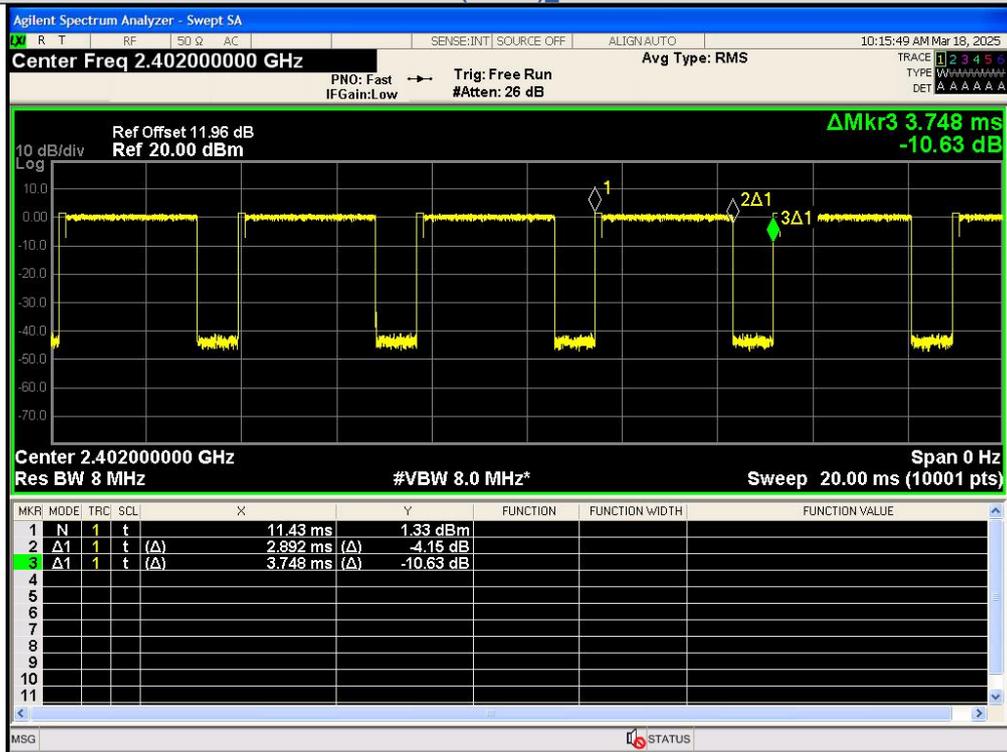
$\pi/4$ DQPSK(2-DH5)_Channel 0



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



π /4DQPSK(2-DH5)_Channel 78



8DPSK(3-DH5)_Channel 0