

## Appendix A

### RF Test Data for BT V5.0 (BDR/EDR) (Conducted Measurement)

Product Name: earbud

Trade Mark: BEAN X

Test Model: Wayl Bean X

#### Environmental Conditions

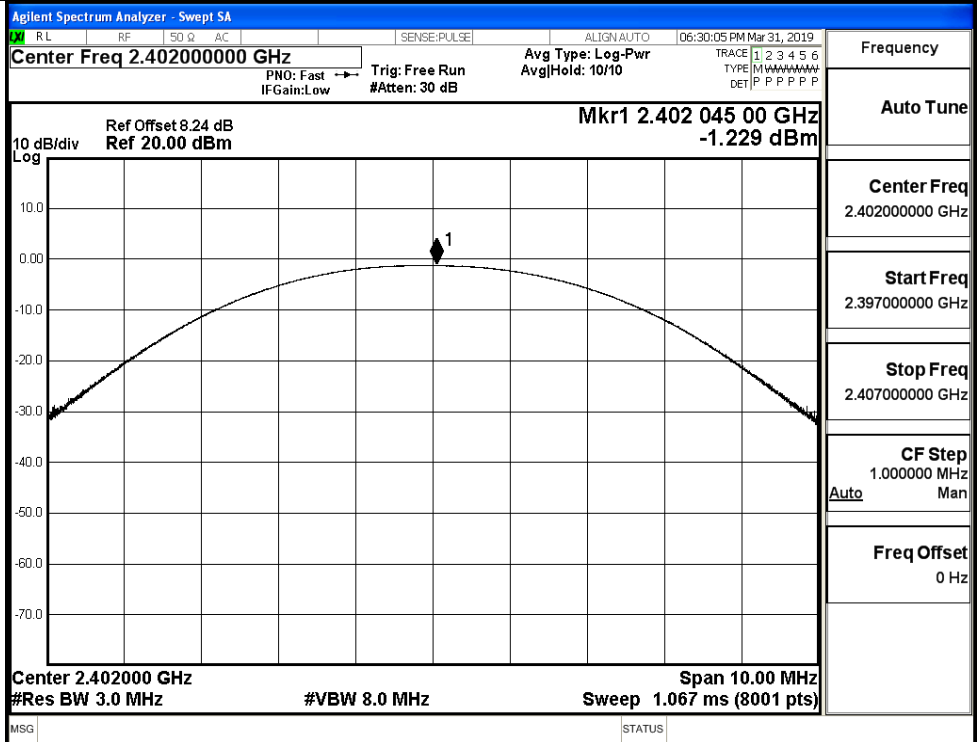
|                    |           |
|--------------------|-----------|
| Temperature:       | 24.4 ° C  |
| Relative Humidity: | 53.4%     |
| ATM Pressure:      | 100.0 kPa |
| Test Engineer:     | David.Luo |
| Supervised by:     | Tom.Liu   |

#### A.1 Maximum Conducted Peak Output Power

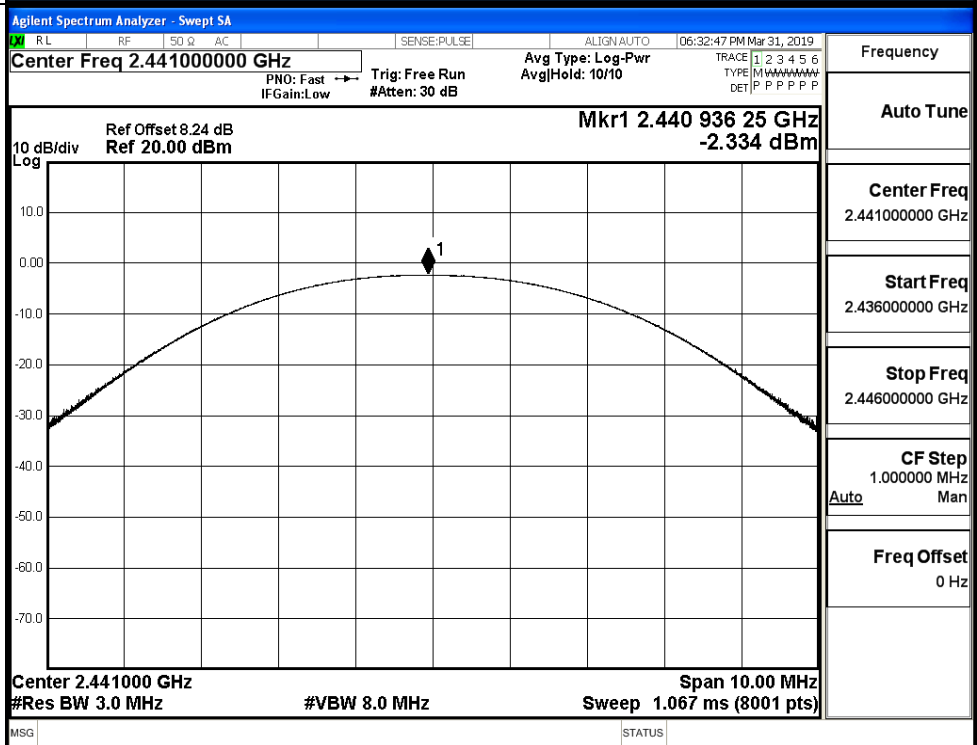
| Mode          | Channel. | Maximum Peak Output Power [dBm] | Limit [dBm] | Verdict |
|---------------|----------|---------------------------------|-------------|---------|
| GFSK          | LCH      | -1.229                          | 21          | PASS    |
|               | MCH      | -2.334                          | 21          | PASS    |
|               | HCH      | -3.782                          | 21          | PASS    |
| $\pi/4$ DQPSK | LCH      | 0.933                           | 21          | PASS    |
|               | MCH      | -0.231                          | 21          | PASS    |
|               | HCH      | -1.725                          | 21          | PASS    |
| 8DPSK         | LCH      | 1.462                           | 21          | PASS    |
|               | MCH      | 0.253                           | 21          | PASS    |
|               | HCH      | -1.228                          | 21          | PASS    |

Test Graphs

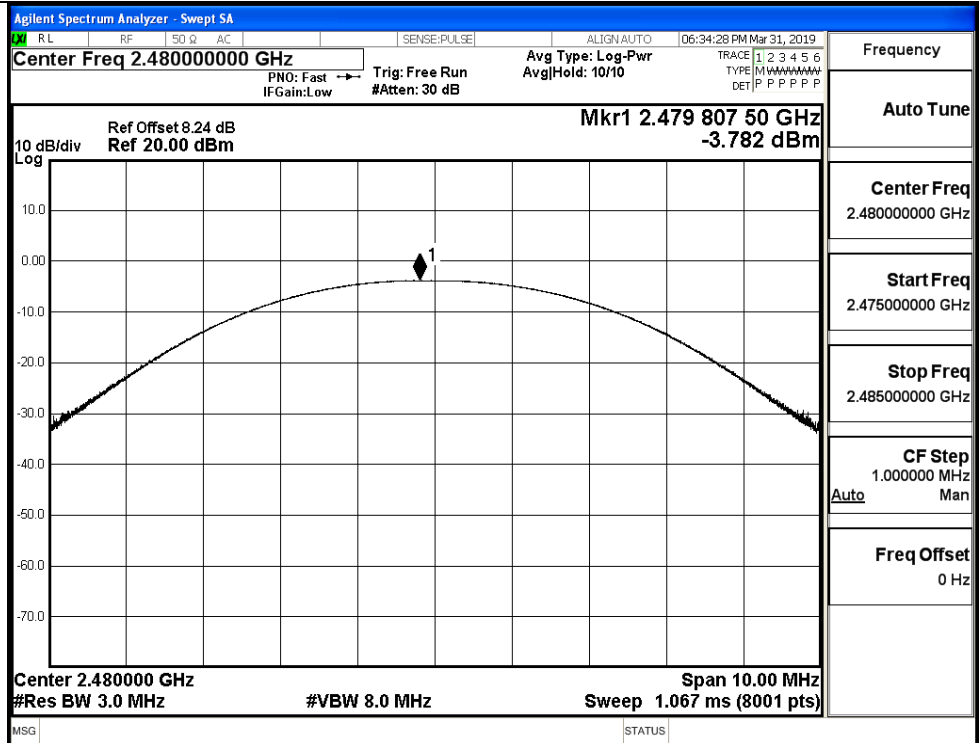
GFSK/LCH



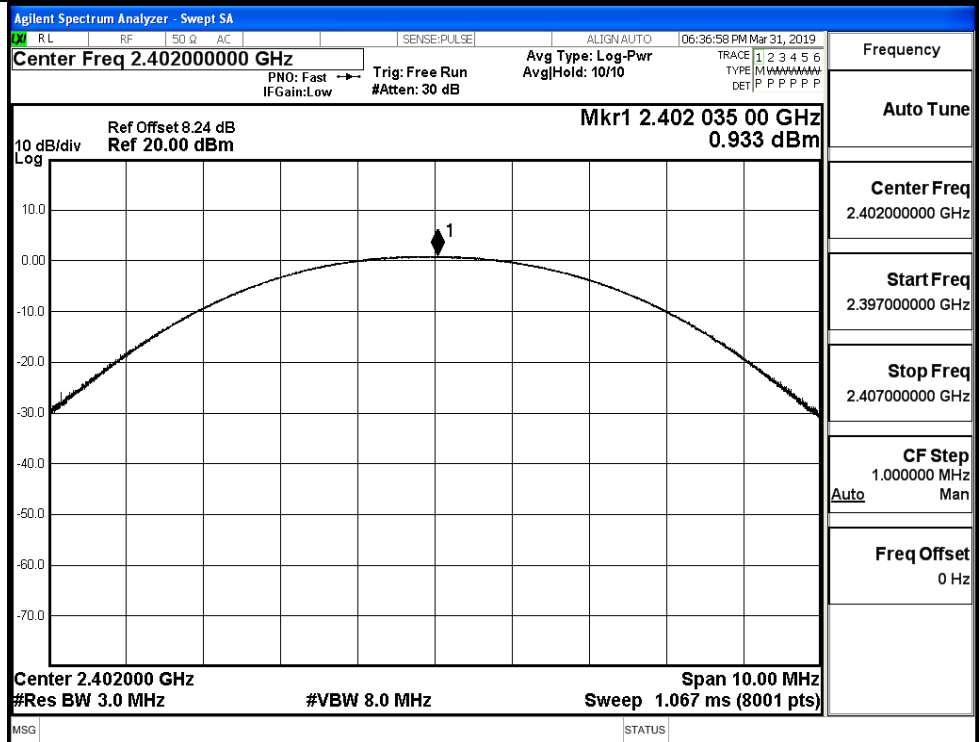
GFSK/MCH



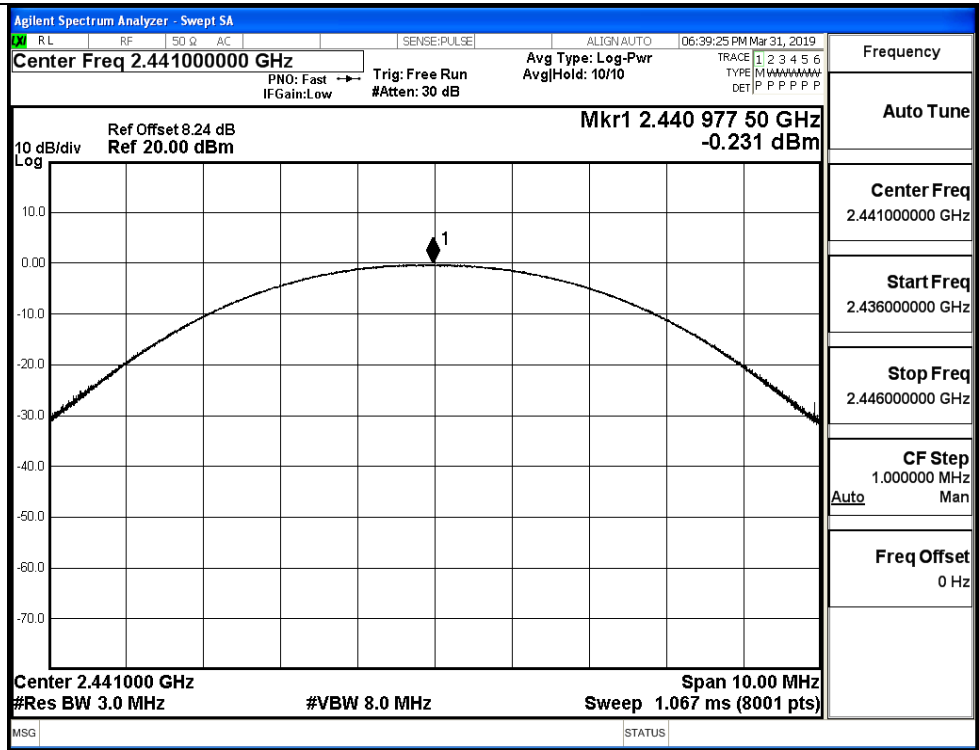
GFSK/HCH



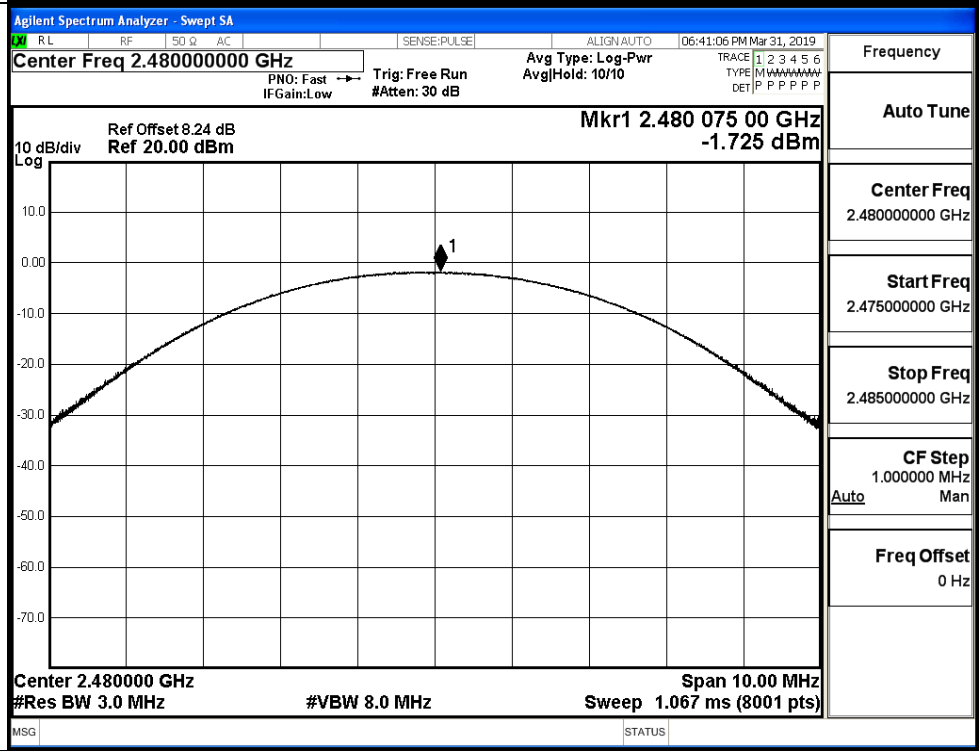
$\pi$ /4DQPSK/LCH



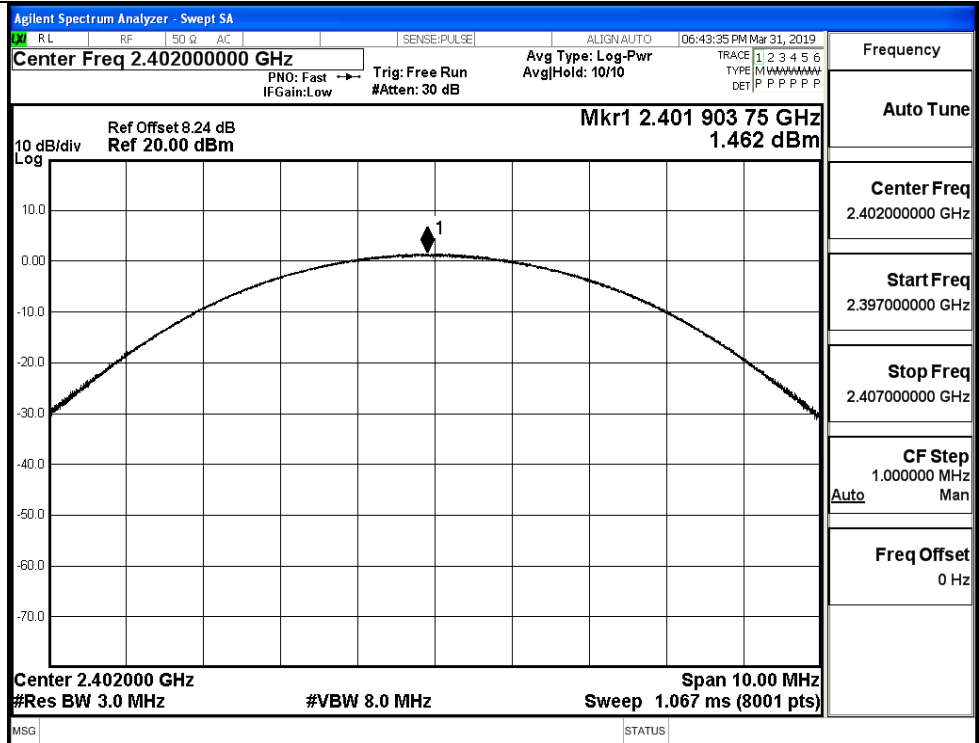
$\pi$ /4DQPSK/MCH



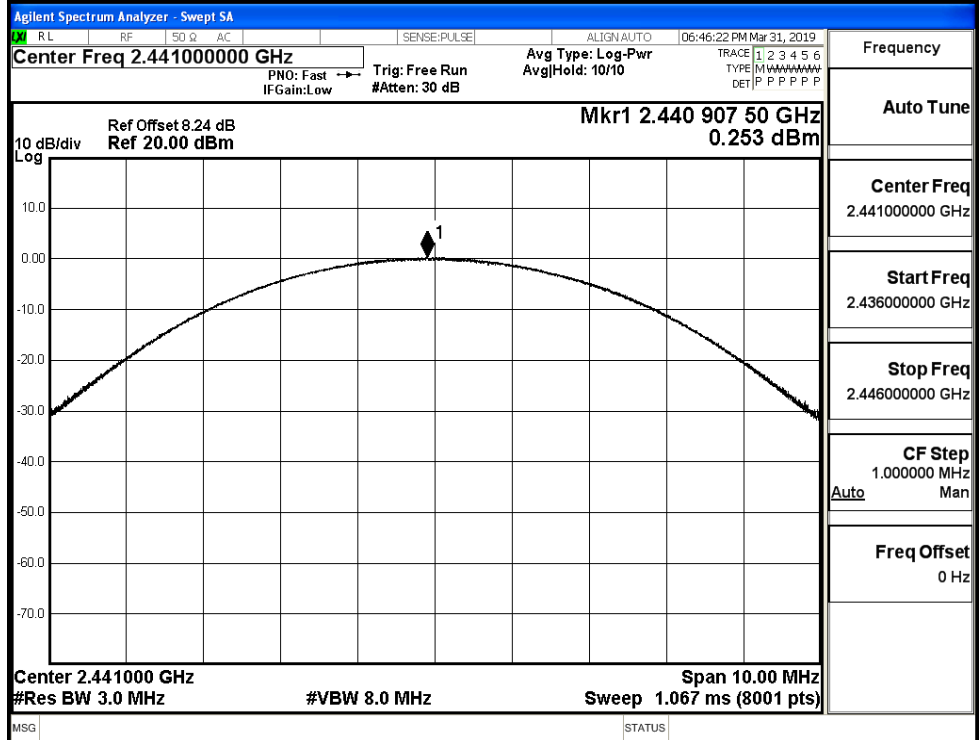
$\pi$ /4DQPSK/HCH



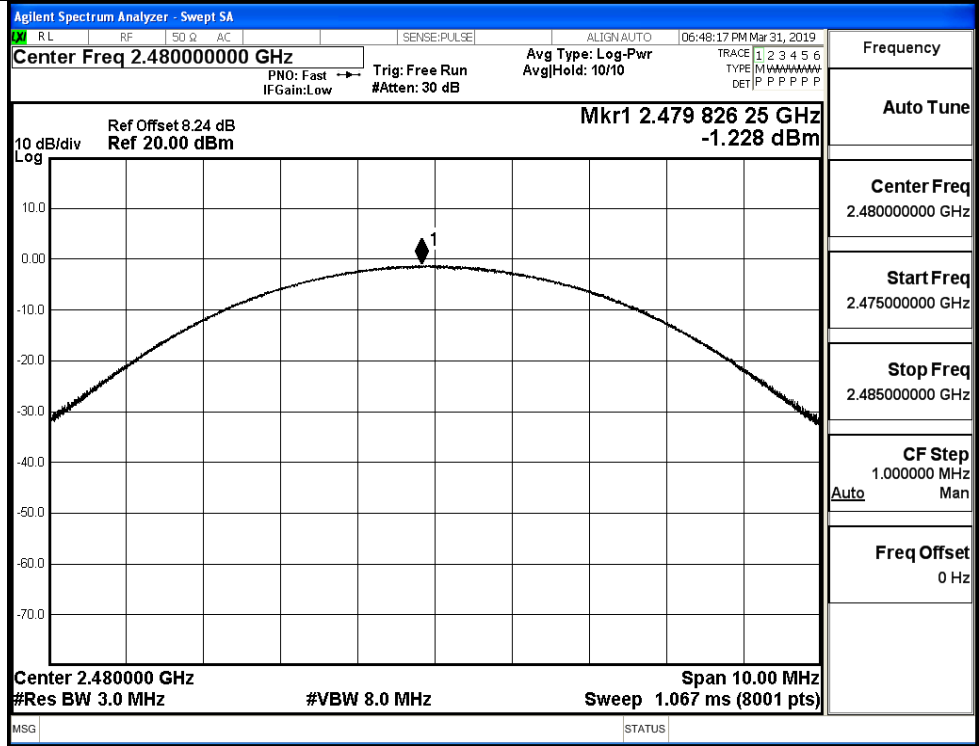
8DPSK/LCH



8DPSK/MCH

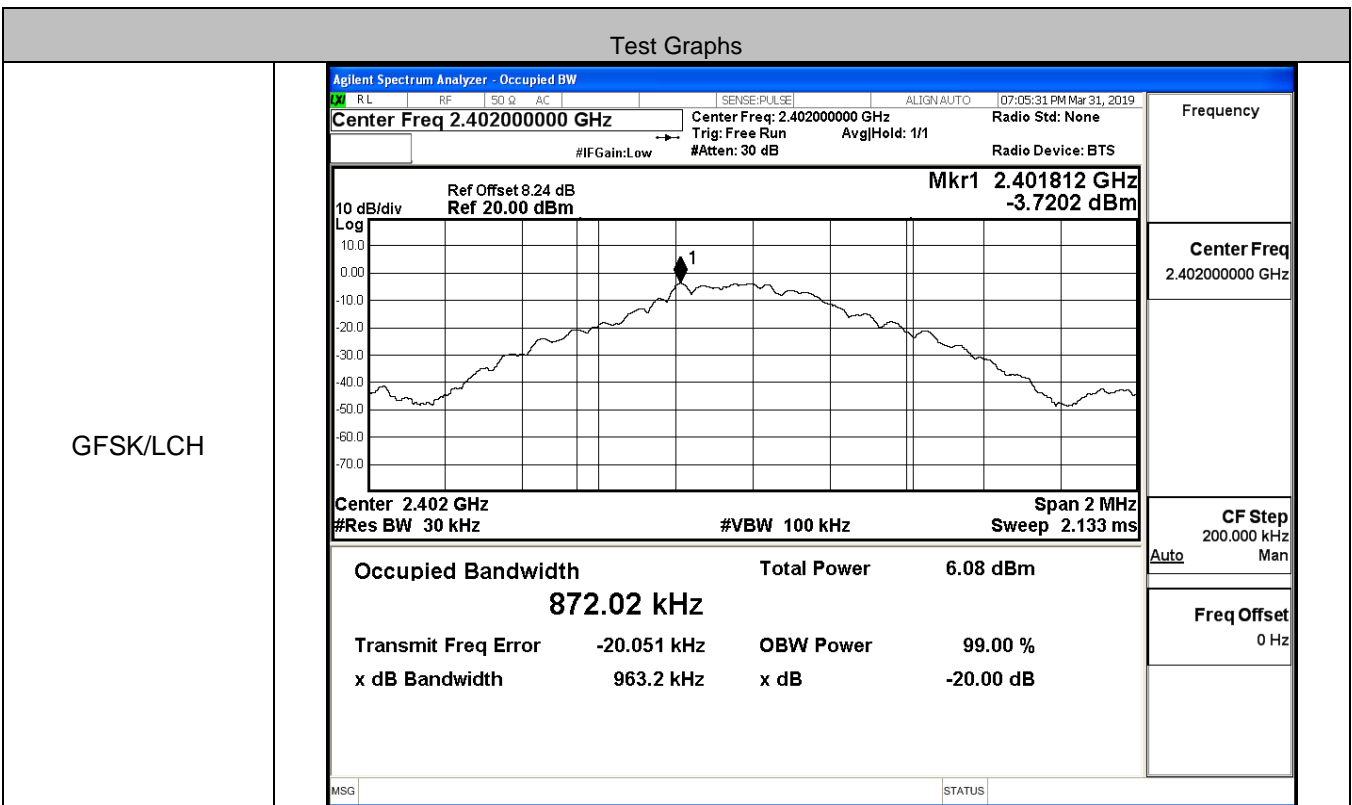


8DPSK/HCH

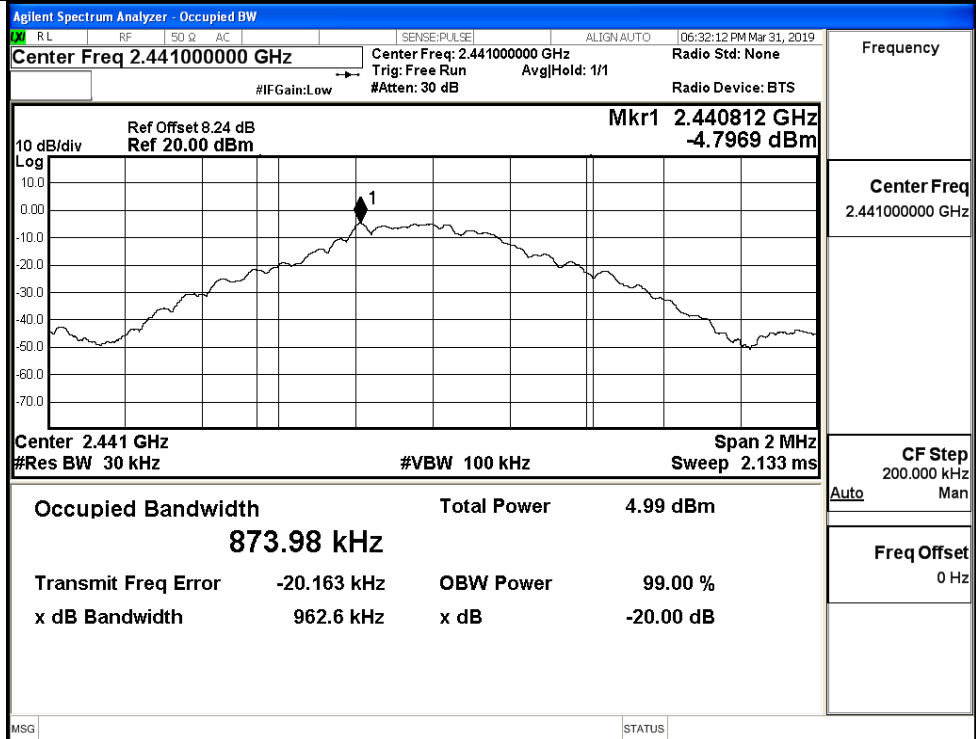


**A.2 99% and 20dB Bandwidth**

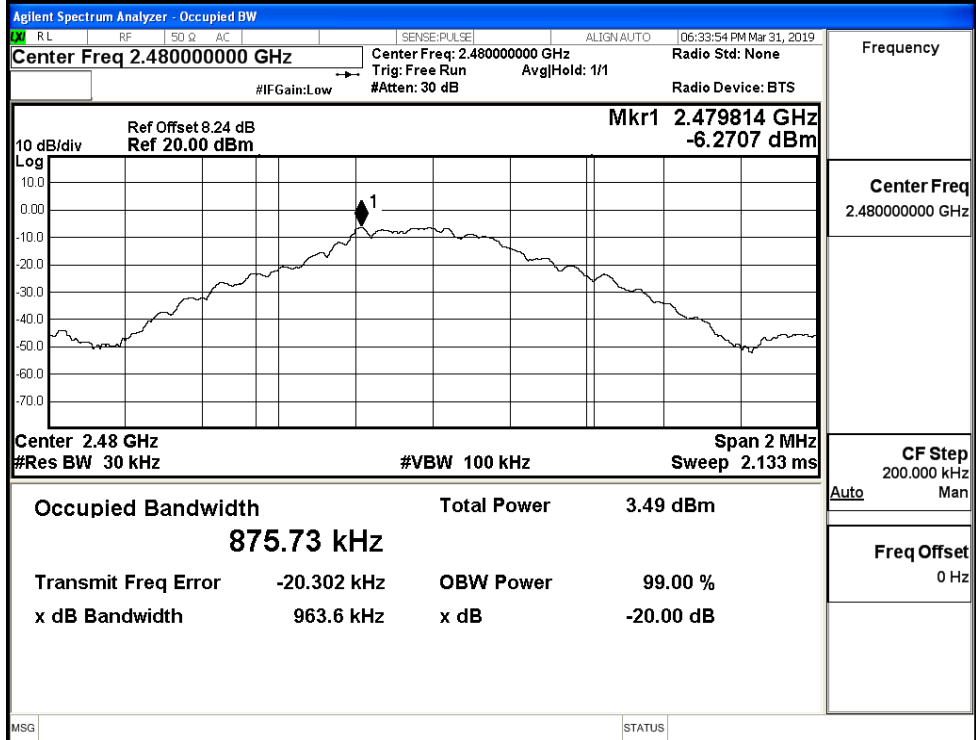
| Mode     | Channel. | 99% Bandwidth [MHz] | 20dB Bandwidth [MHz] | Limit [MHz]   | Verdict |
|----------|----------|---------------------|----------------------|---------------|---------|
| GFSK     | LCH      | 0.87202             | 0.9632               | Not Specified | PASS    |
|          | MCH      | 0.87398             | 0.9626               | Not Specified | PASS    |
|          | HCH      | 0.87573             | 0.9636               | Not Specified | PASS    |
| π/4DQPSK | LCH      | 1.1606              | 1.281                | Not Specified | PASS    |
|          | MCH      | 1.1604              | 1.281                | Not Specified | PASS    |
|          | HCH      | 1.1607              | 1.283                | Not Specified | PASS    |
| 8DPSK    | LCH      | 1.1689              | 1.301                | Not Specified | PASS    |
|          | MCH      | 1.1690              | 1.303                | Not Specified | PASS    |
|          | HCH      | 1.1699              | 1.301                | Not Specified | PASS    |



GFSK/MCH

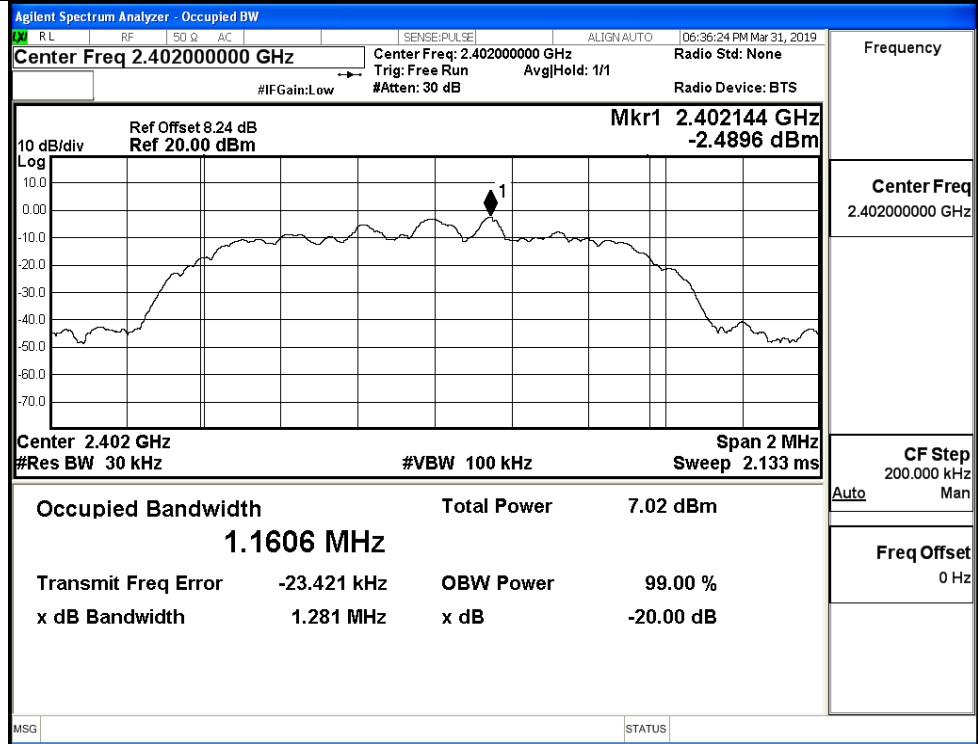


GFSK/HCH

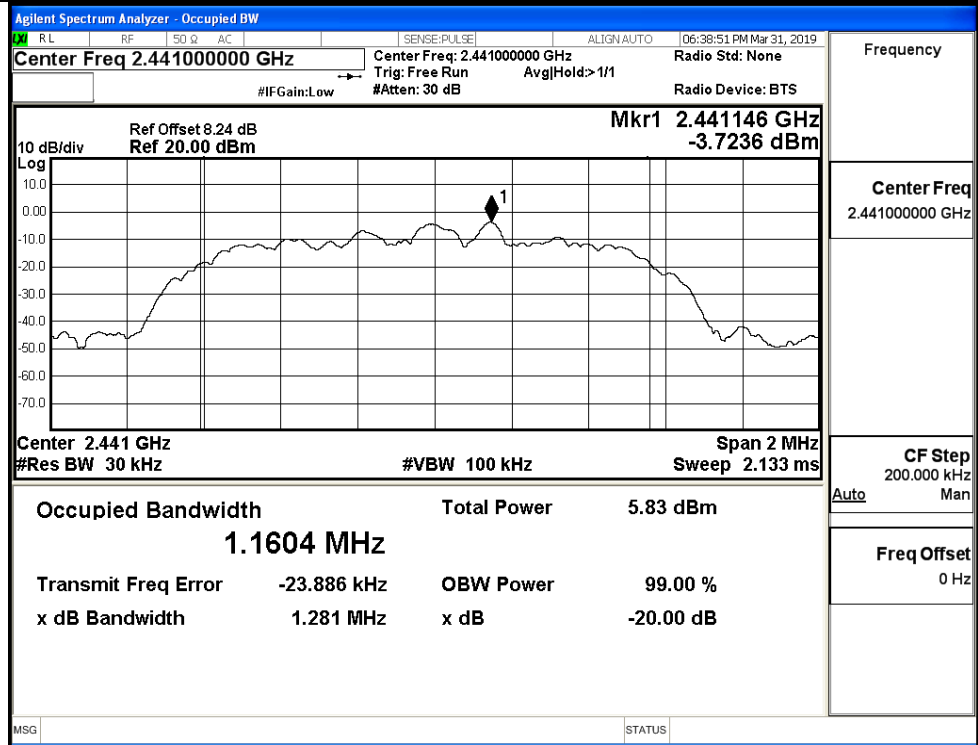




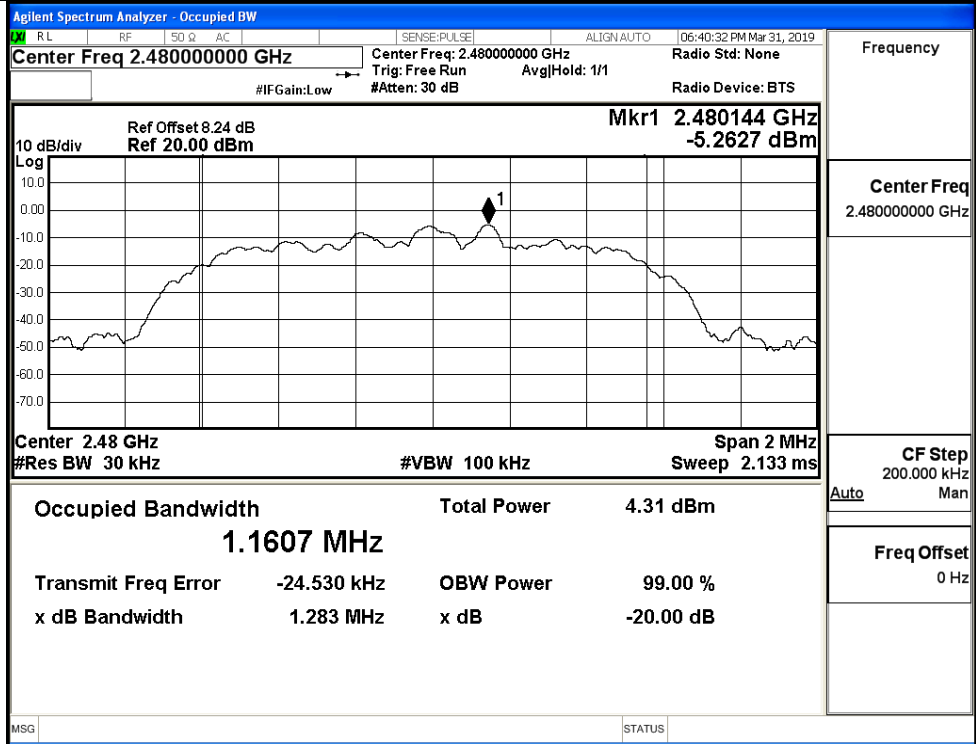
$\pi/4$ DQPSK/LCH



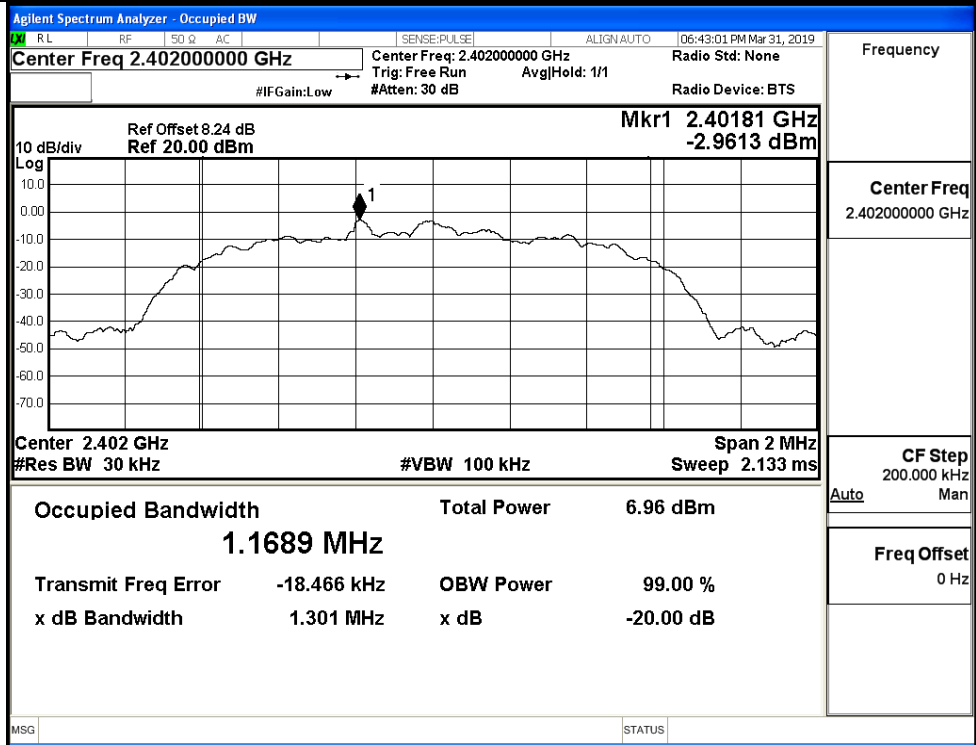
$\pi/4$ DQPSK/MCH



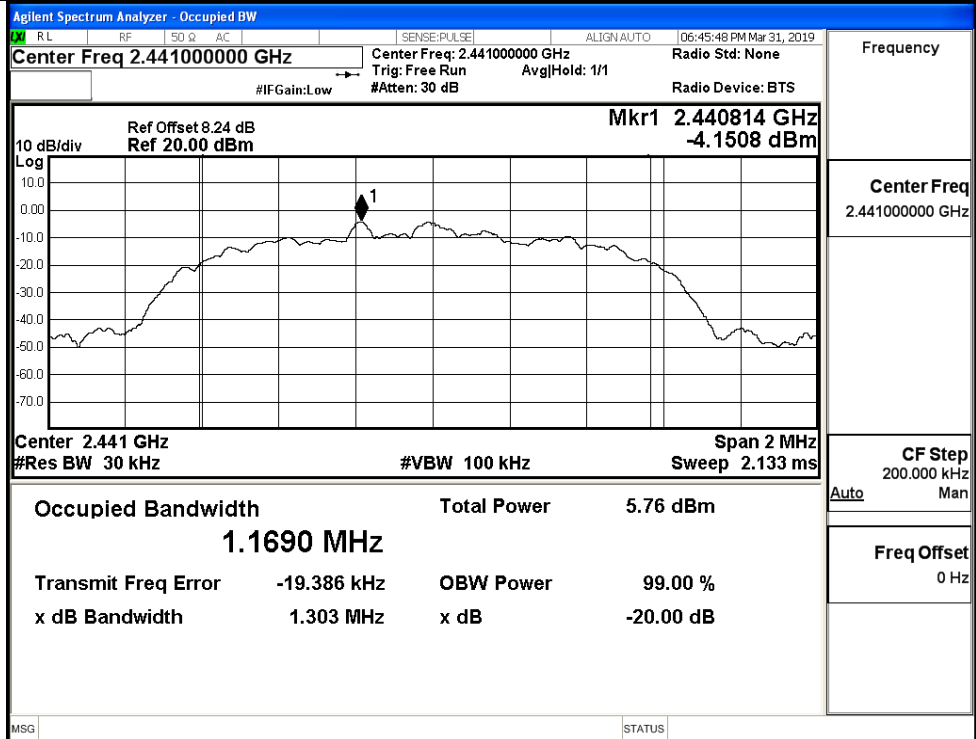
$\pi/4$ DQPSK/HCH



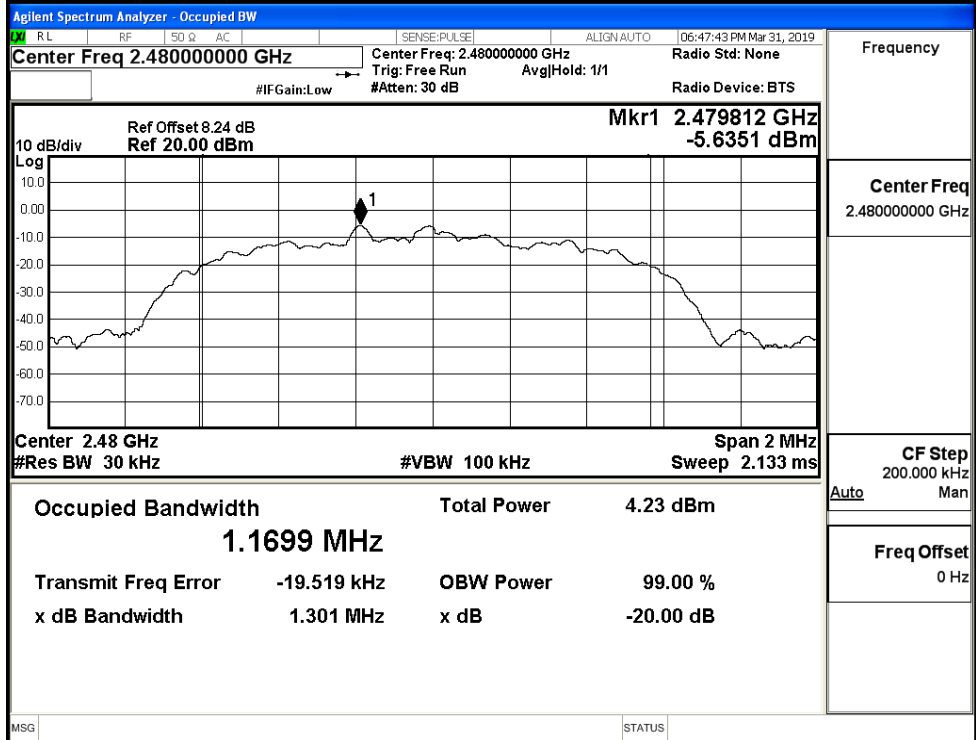
8DPSK/LCH



8DPSK/MCH

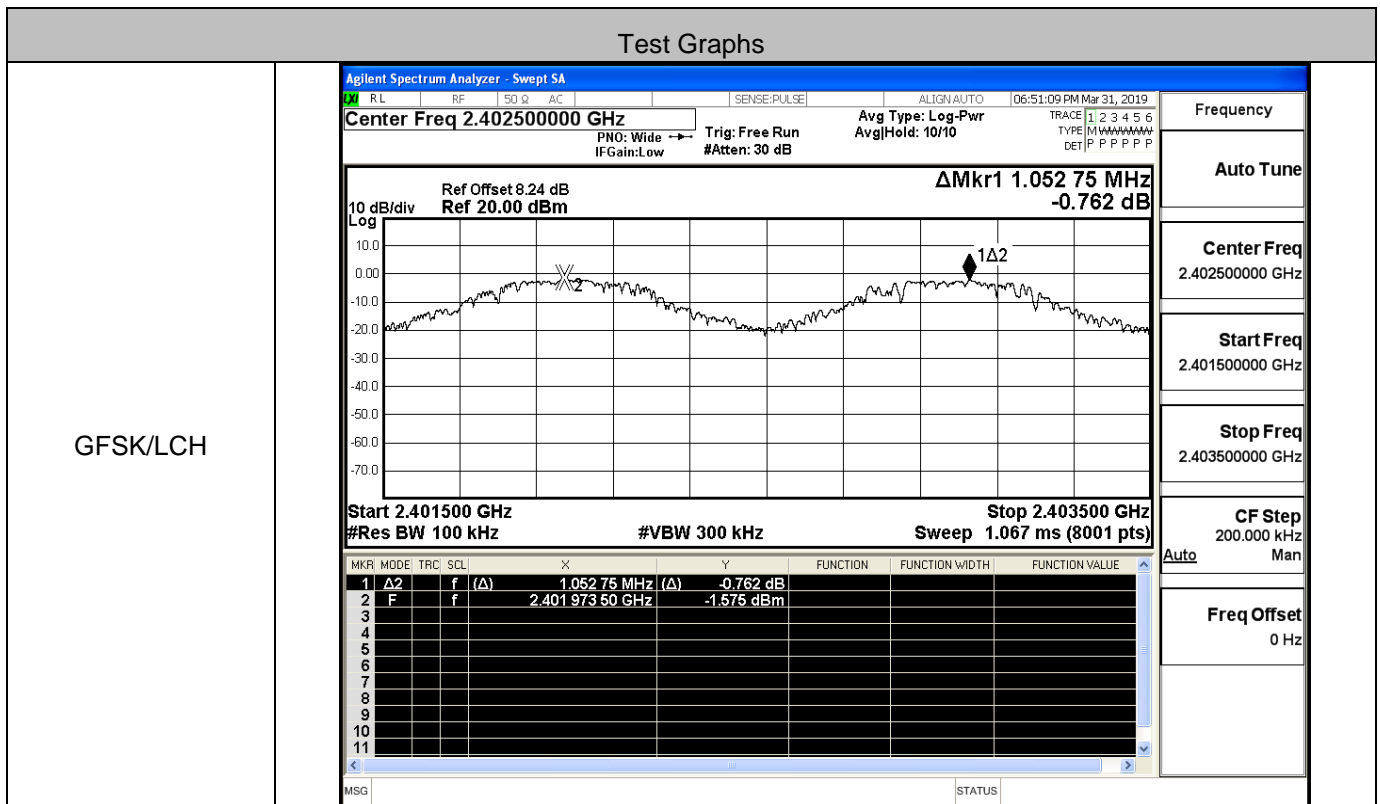


8DPSK/HCH

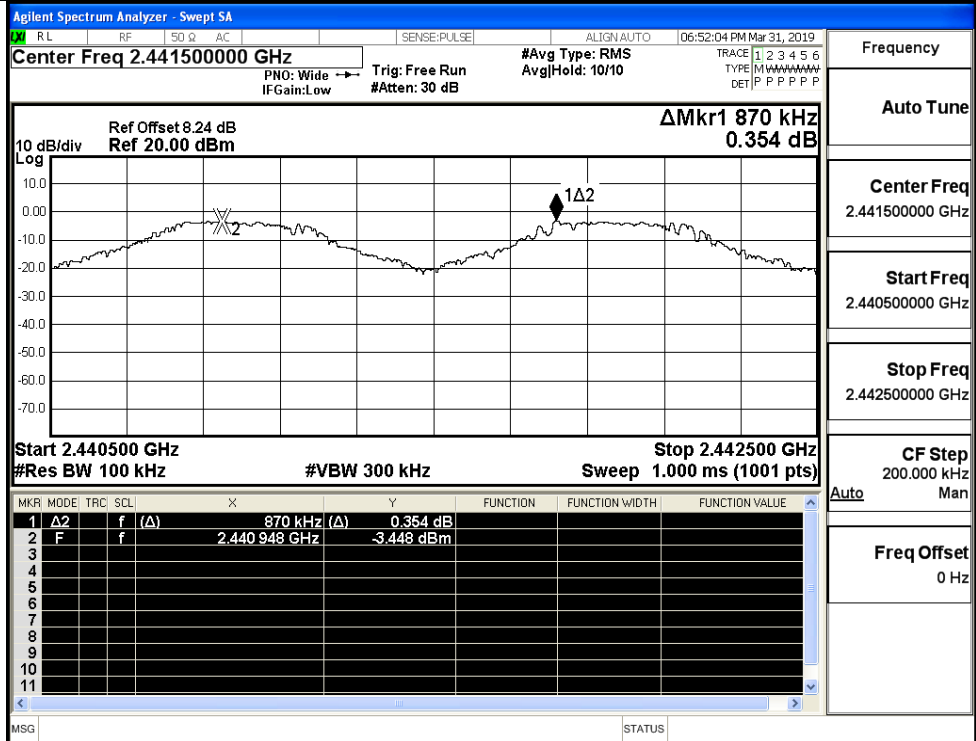


### A.3 Carrier Frequency Separation

| Mode     | Channel | Carrier Frequency Separation [MHz] | Limit [MHz] | Verdict |
|----------|---------|------------------------------------|-------------|---------|
| GFSK     | LCH     | 1.053                              | 0.642       | PASS    |
|          | MCH     | 0.870                              | 0.642       | PASS    |
|          | HCH     | 1.030                              | 0.642       | PASS    |
| π/4DQPSK | LCH     | 1.032                              | 0.855       | PASS    |
|          | MCH     | 1.194                              | 0.855       | PASS    |
|          | HCH     | 1.126                              | 0.855       | PASS    |
| 8DPSK    | LCH     | 0.914                              | 0.869       | PASS    |
|          | MCH     | 1.228                              | 0.869       | PASS    |
|          | HCH     | 1.064                              | 0.869       | PASS    |



GFSK/MCH



Frequency

Auto Tune

Center Freq  
2.441500000 GHz

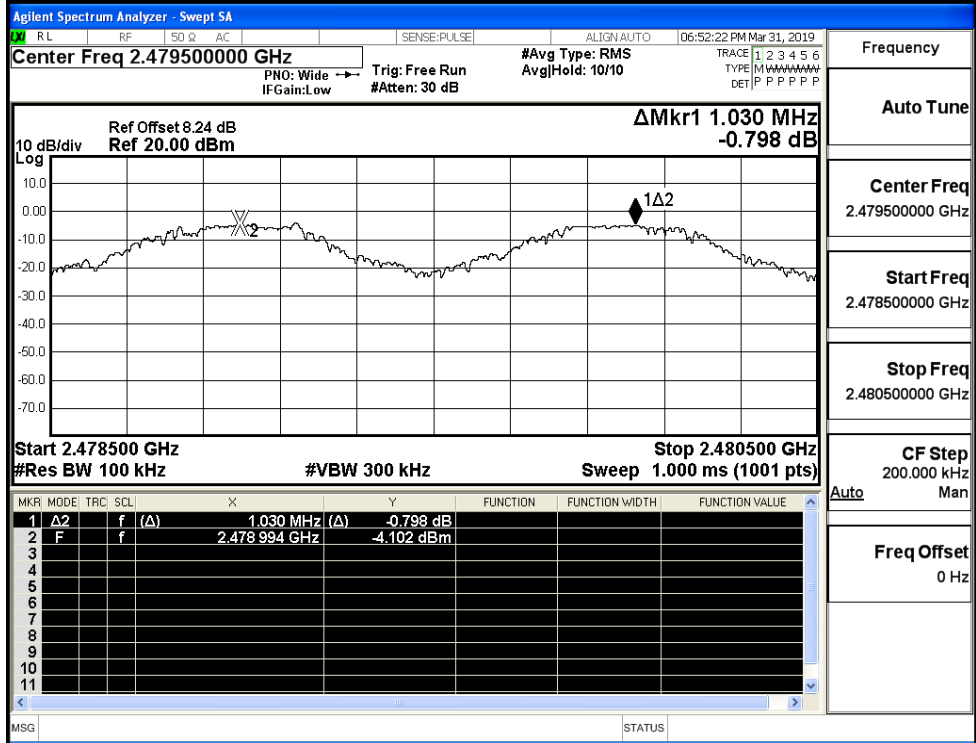
Start Freq  
2.440500000 GHz

Stop Freq  
2.442500000 GHz

CF Step  
200.000 kHz  
Auto Man

Freq Offset  
0 Hz

GFSK/HCH



Frequency

Auto Tune

Center Freq  
2.479500000 GHz

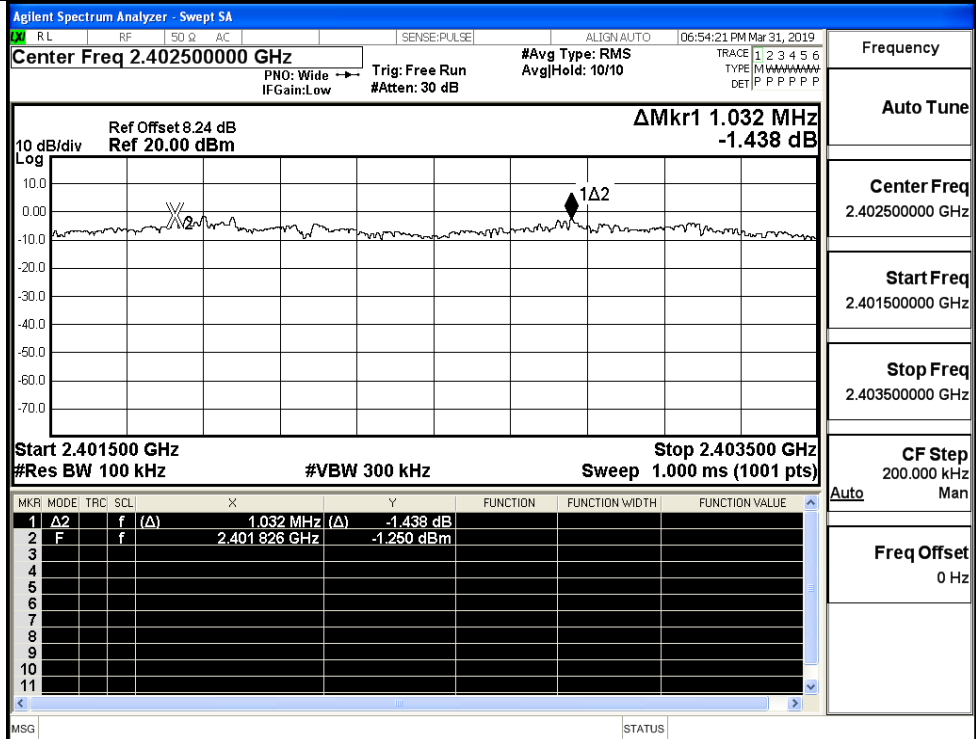
Start Freq  
2.478500000 GHz

Stop Freq  
2.480500000 GHz

CF Step  
200.000 kHz  
Auto Man

Freq Offset  
0 Hz

$\pi/4$ DQPSK/LCH



Frequency

Auto Tune

Center Freq  
2.402500000 GHz

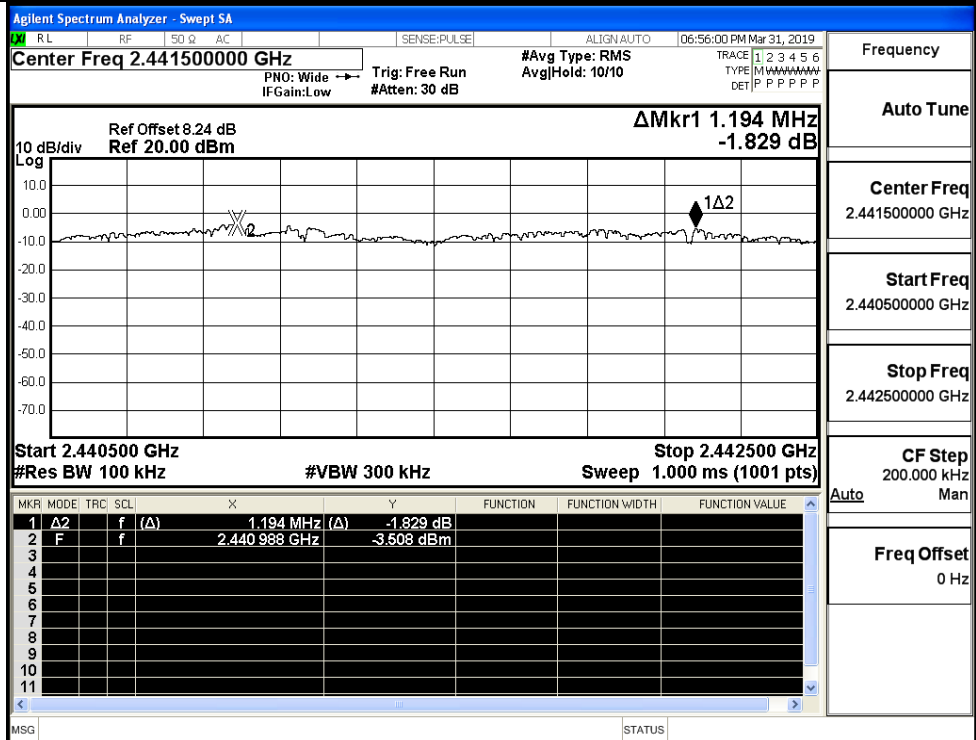
Start Freq  
2.401500000 GHz

Stop Freq  
2.403500000 GHz

CF Step  
200.000 kHz  
Auto Man

Freq Offset  
0 Hz

$\pi/4$ DQPSK/MCH



Frequency

Auto Tune

Center Freq  
2.441500000 GHz

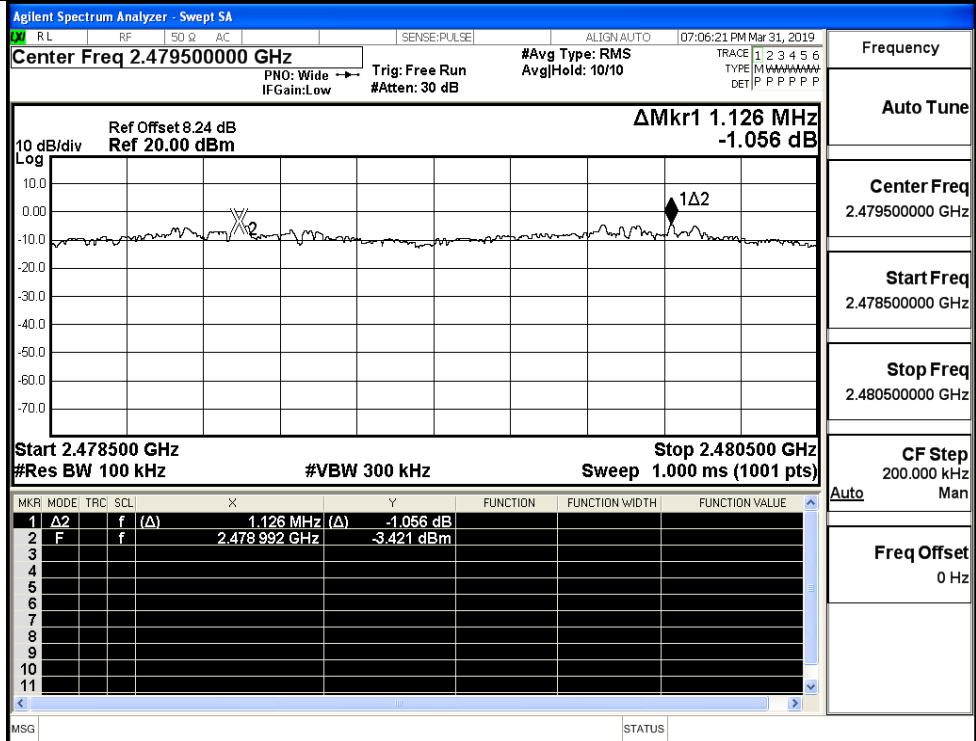
Start Freq  
2.440500000 GHz

Stop Freq  
2.442500000 GHz

CF Step  
200.000 kHz  
Auto Man

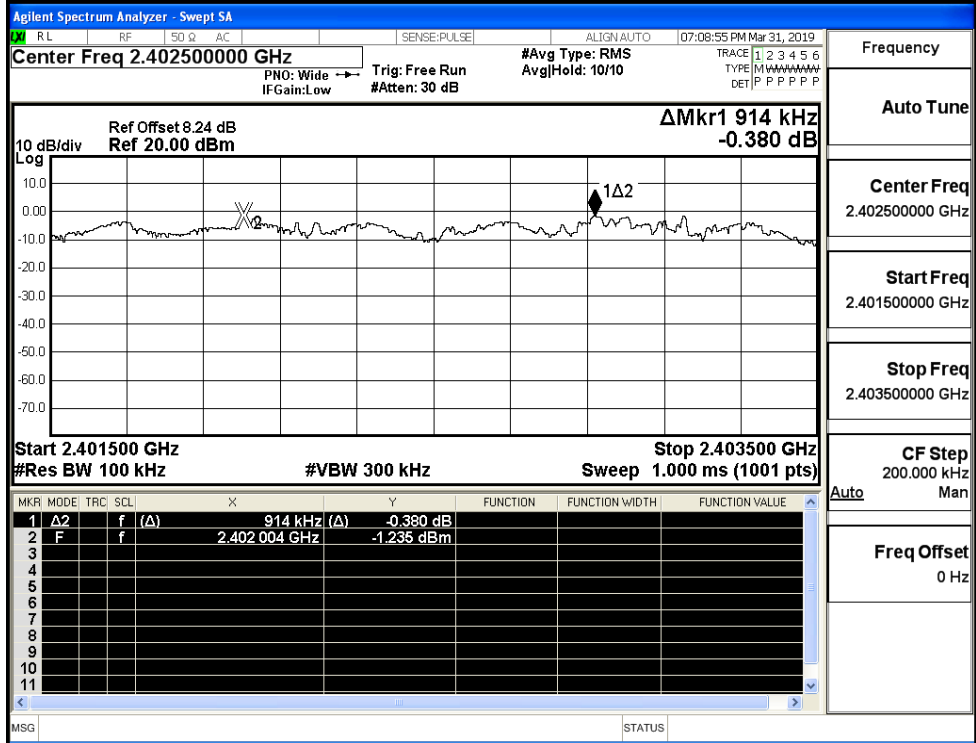
Freq Offset  
0 Hz

π/4DQPSK/HCH



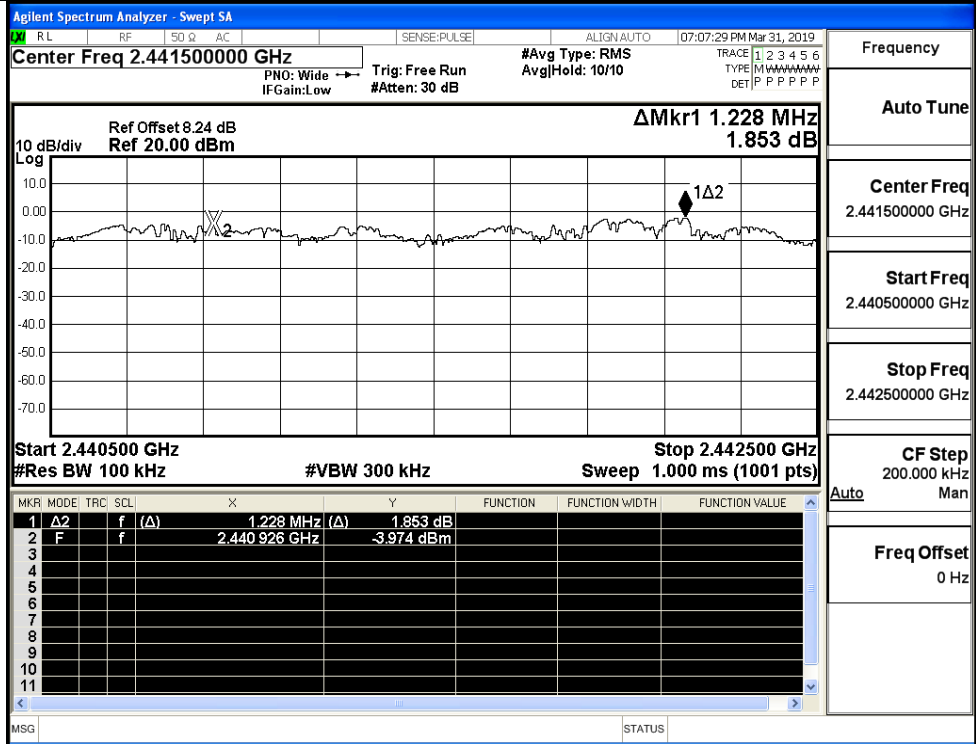
Frequency  
Auto Tune  
Center Freq  
2.479500000 GHz  
Start Freq  
2.478500000 GHz  
Stop Freq  
2.480500000 GHz  
CF Step  
200.000 kHz  
Auto  
Man  
Freq Offset  
0 Hz

8DPSK/LCH

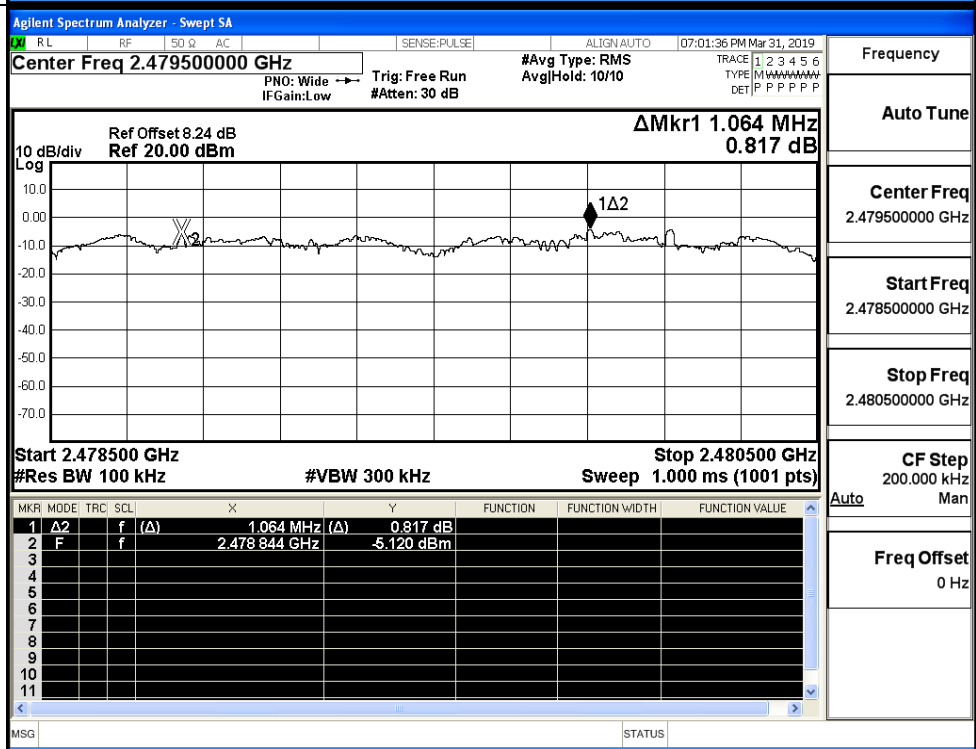


Frequency  
Auto Tune  
Center Freq  
2.402500000 GHz  
Start Freq  
2.401500000 GHz  
Stop Freq  
2.403500000 GHz  
CF Step  
200.000 kHz  
Auto  
Man  
Freq Offset  
0 Hz

8DPSK/MCH



8DPSK/HCH





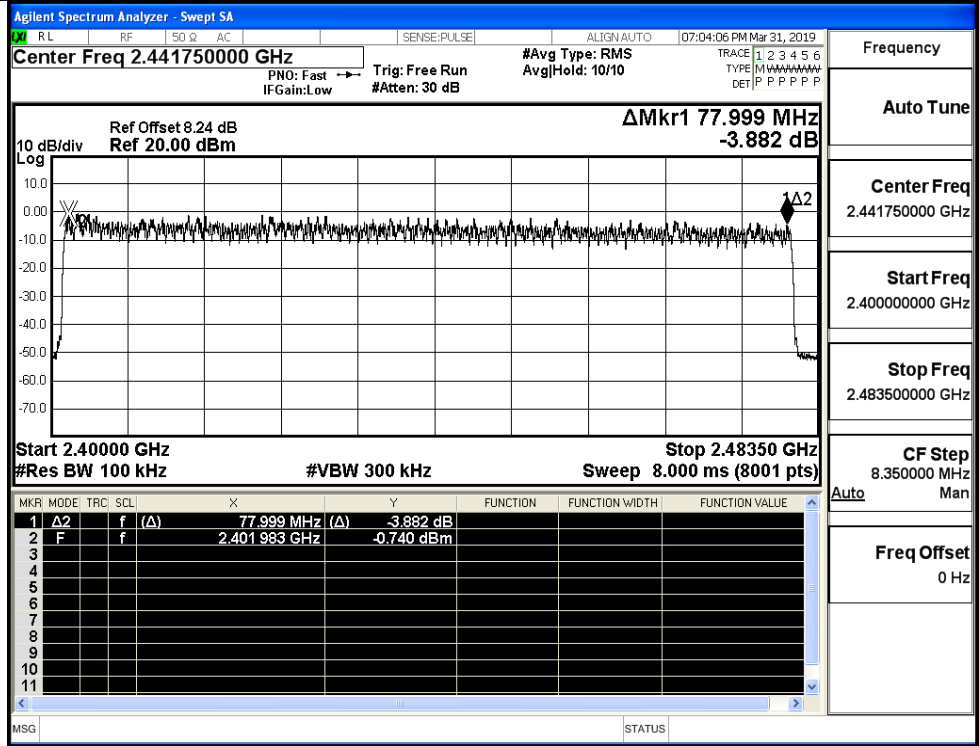
### A.4 Hopping Channel Number

| Mode          | Channel. | Number of Hopping Channel [N] | Limit [N] | Verdict |
|---------------|----------|-------------------------------|-----------|---------|
| GFSK          | Hop      | 79                            | >=15      | PASS    |
| $\pi/4$ DQPSK | Hop      | 79                            | >=15      | PASS    |
| 8DPSK         | Hop      | 79                            | >=15      | PASS    |

#### Test Graphs

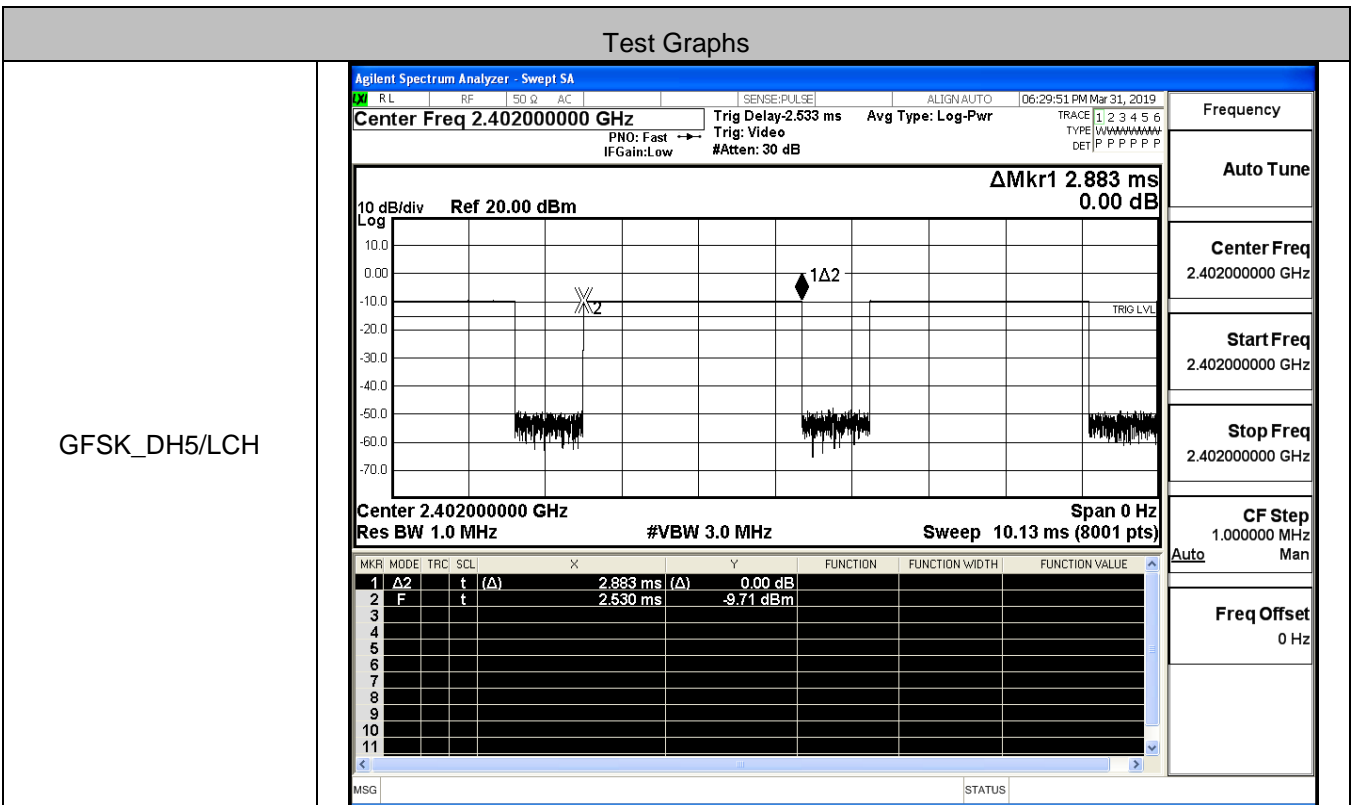
| GFSK/Hop          | <p>Agilent Spectrum Analyzer - Swept SA<br/>         Center Freq 2.441750000 GHz<br/>         Ref Offset 8.24 dB<br/>         Ref 20.00 dBm<br/>         ΔMkr1 77.895 MHz<br/>         -2.291 dB<br/>         Start 2.40000 GHz<br/>         #Res BW 100 kHz<br/>         #VBW 300 kHz<br/>         Stop 2.48350 GHz<br/>         Sweep 8.000 ms (8001 pts)</p> <table border="1"> <thead> <tr> <th>MKR</th> <th>MODE</th> <th>TRC</th> <th>SCL</th> <th>X</th> <th>Y</th> <th>FUNCTION</th> <th>FUNCTION WIDTH</th> <th>FUNCTION VALUE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Δ2</td> <td>f</td> <td>(Δ)</td> <td>77.895 MHz (Δ)</td> <td>-2.291 dB</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>F</td> <td>f</td> <td></td> <td>2.401921 GHz</td> <td>-1.834 dBm</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | MKR | MODE | TRC            | SCL        | X        | Y              | FUNCTION       | FUNCTION WIDTH | FUNCTION VALUE | 1 | Δ2 | f | (Δ) | 77.895 MHz (Δ) | -2.291 dB |  |  |  | 2 | F | f |  | 2.401921 GHz | -1.834 dBm |  |  |  | <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq<br/>2.441750000 GHz</p> <p>Start Freq<br/>2.400000000 GHz</p> <p>Stop Freq<br/>2.483500000 GHz</p> <p>CF Step<br/>8.350000 MHz<br/>Man</p> <p>Freq Offset<br/>0 Hz</p> |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|----------------|------------|----------|----------------|----------------|----------------|----------------|---|----|---|-----|----------------|-----------|--|--|--|---|---|---|--|--------------|------------|--|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MKR               | MODE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | TRC | SCL  | X              | Y          | FUNCTION | FUNCTION WIDTH | FUNCTION VALUE |                |                |   |    |   |     |                |           |  |  |  |   |   |   |  |              |            |  |  |  |                                                                                                                                                                                                                         |
| 1                 | Δ2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | f   | (Δ)  | 77.895 MHz (Δ) | -2.291 dB  |          |                |                |                |                |   |    |   |     |                |           |  |  |  |   |   |   |  |              |            |  |  |  |                                                                                                                                                                                                                         |
| 2                 | F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | f   |      | 2.401921 GHz   | -1.834 dBm |          |                |                |                |                |   |    |   |     |                |           |  |  |  |   |   |   |  |              |            |  |  |  |                                                                                                                                                                                                                         |
| $\pi/4$ DQPSK/Hop | <p>Agilent Spectrum Analyzer - Swept SA<br/>         Center Freq 2.441750000 GHz<br/>         Ref Offset 8.24 dB<br/>         Ref 20.00 dBm<br/>         ΔMkr1 78.062 MHz<br/>         -3.676 dB<br/>         Start 2.40000 GHz<br/>         #Res BW 100 kHz<br/>         #VBW 300 kHz<br/>         Stop 2.48350 GHz<br/>         Sweep 8.000 ms (8001 pts)</p> <table border="1"> <thead> <tr> <th>MKR</th> <th>MODE</th> <th>TRC</th> <th>SCL</th> <th>X</th> <th>Y</th> <th>FUNCTION</th> <th>FUNCTION WIDTH</th> <th>FUNCTION VALUE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Δ2</td> <td>f</td> <td>(Δ)</td> <td>78.062 MHz (Δ)</td> <td>-3.676 dB</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>F</td> <td>f</td> <td></td> <td>2.402103 GHz</td> <td>-2.860 dBm</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | MKR | MODE | TRC            | SCL        | X        | Y              | FUNCTION       | FUNCTION WIDTH | FUNCTION VALUE | 1 | Δ2 | f | (Δ) | 78.062 MHz (Δ) | -3.676 dB |  |  |  | 2 | F | f |  | 2.402103 GHz | -2.860 dBm |  |  |  | <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq<br/>2.441750000 GHz</p> <p>Start Freq<br/>2.400000000 GHz</p> <p>Stop Freq<br/>2.483500000 GHz</p> <p>CF Step<br/>8.350000 MHz<br/>Man</p> <p>Freq Offset<br/>0 Hz</p> |
| MKR               | MODE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | TRC | SCL  | X              | Y          | FUNCTION | FUNCTION WIDTH | FUNCTION VALUE |                |                |   |    |   |     |                |           |  |  |  |   |   |   |  |              |            |  |  |  |                                                                                                                                                                                                                         |
| 1                 | Δ2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | f   | (Δ)  | 78.062 MHz (Δ) | -3.676 dB  |          |                |                |                |                |   |    |   |     |                |           |  |  |  |   |   |   |  |              |            |  |  |  |                                                                                                                                                                                                                         |
| 2                 | F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | f   |      | 2.402103 GHz   | -2.860 dBm |          |                |                |                |                |   |    |   |     |                |           |  |  |  |   |   |   |  |              |            |  |  |  |                                                                                                                                                                                                                         |

8DPSK/Hop

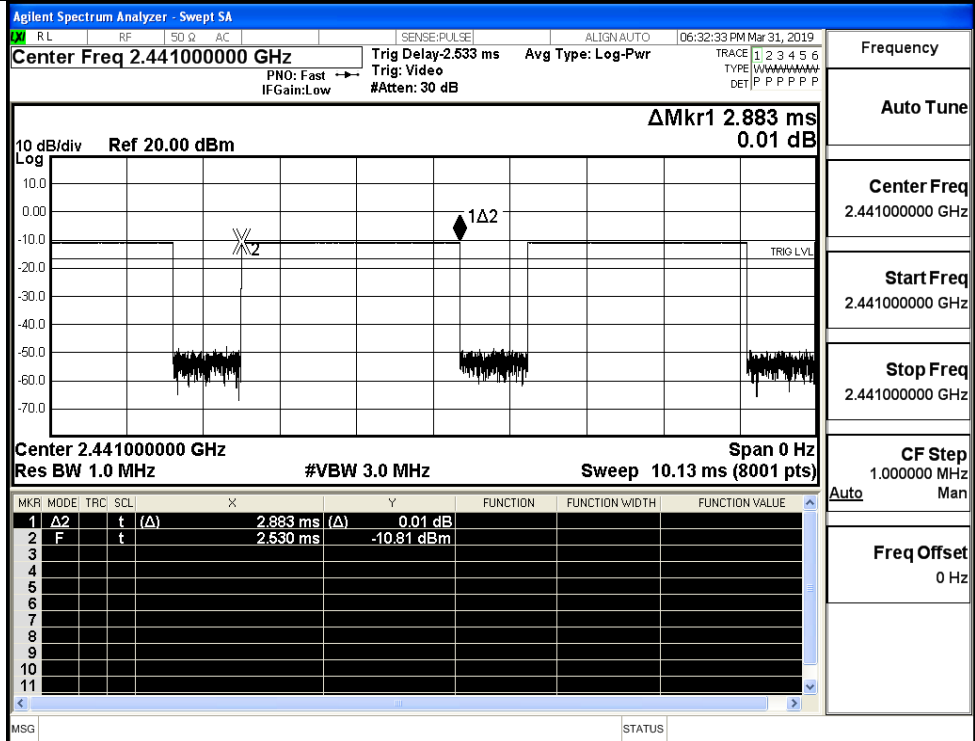


A.5 Dwell Time

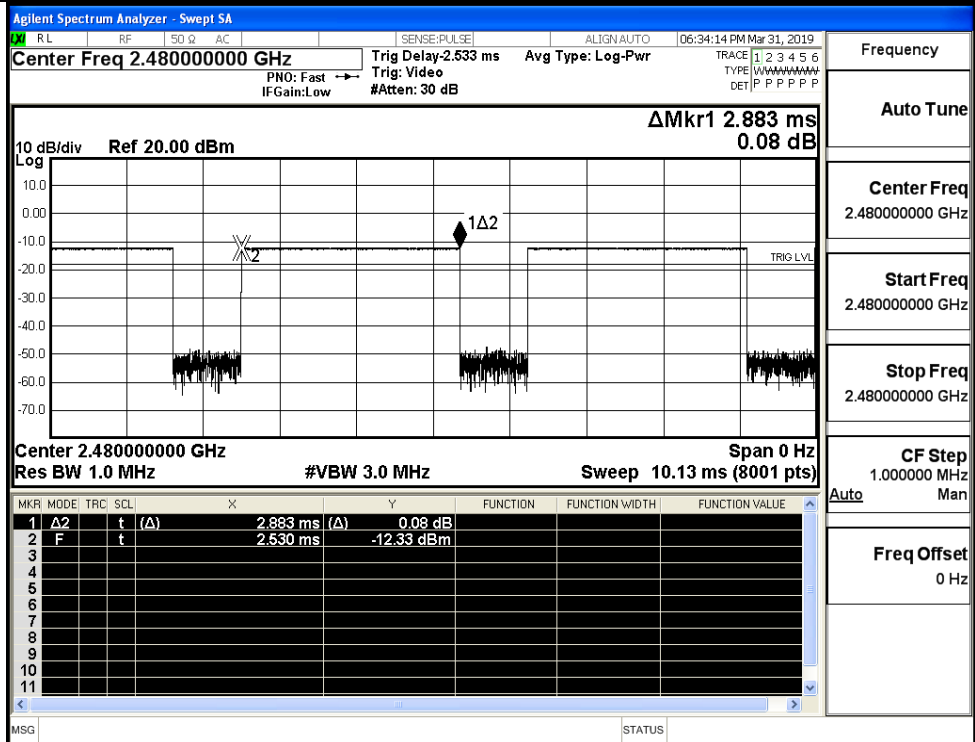
| Mode     | Packet | Channel | Burst Width [ms/hop/ch] | Total Hops[hop*ch]                                   | Dwell Time[s] | Limit [s] | Verdict |
|----------|--------|---------|-------------------------|------------------------------------------------------|---------------|-----------|---------|
| GFSK     | DH5    | LCH     | 2.88                    | 106.7                                                | 0.307         | 0.4       | PASS    |
|          | DH5    | MCH     | 2.88                    | 106.7                                                | 0.307         | 0.4       | PASS    |
|          | DH5    | HCH     | 2.88                    | 106.7                                                | 0.307         | 0.4       | PASS    |
| π/4DQPSK | 2DH5   | LCH     | 2.89                    | 106.7                                                | 0.308         | 0.4       | PASS    |
|          | 2DH5   | MCH     | 2.89                    | 106.7                                                | 0.308         | 0.4       | PASS    |
|          | 2DH5   | HCH     | 2.89                    | 106.7                                                | 0.308         | 0.4       | PASS    |
| 8DPSK    | 3DH5   | LCH     | 2.89                    | 106.7                                                | 0.308         | 0.4       | PASS    |
|          | 3DH5   | MCH     | 2.89                    | 106.7                                                | 0.308         | 0.4       | PASS    |
|          | 3DH5   | HCH     | 2.89                    | 106.7 </td <td>0.308</td> <td>0.4</td> <td>PASS</td> | 0.308         | 0.4       | PASS    |



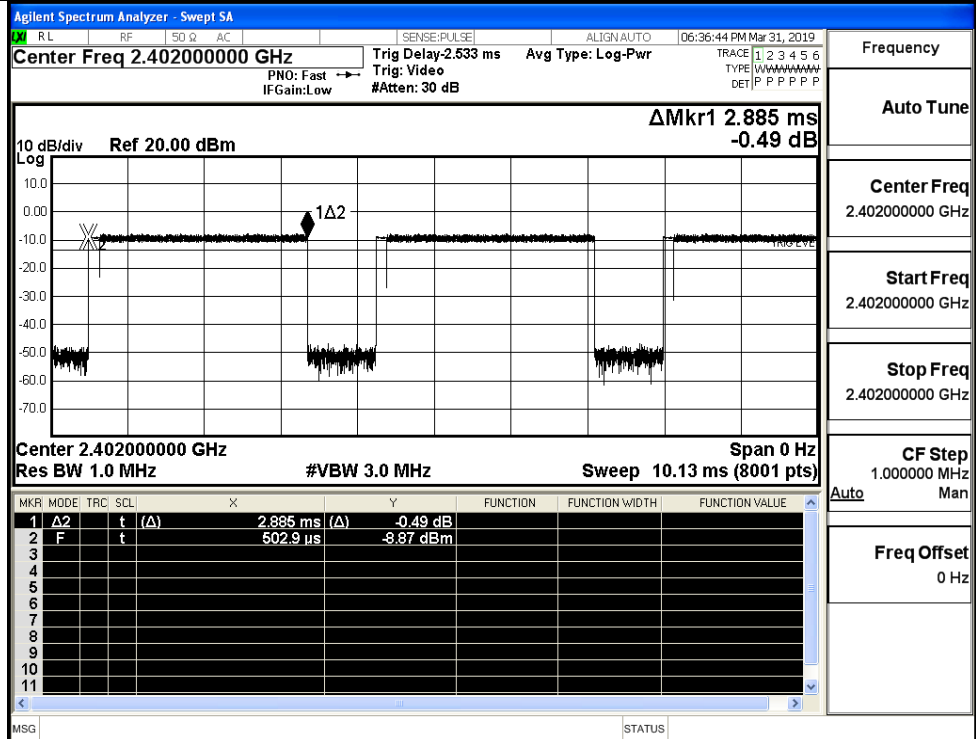
GFSK\_DH5/MCH



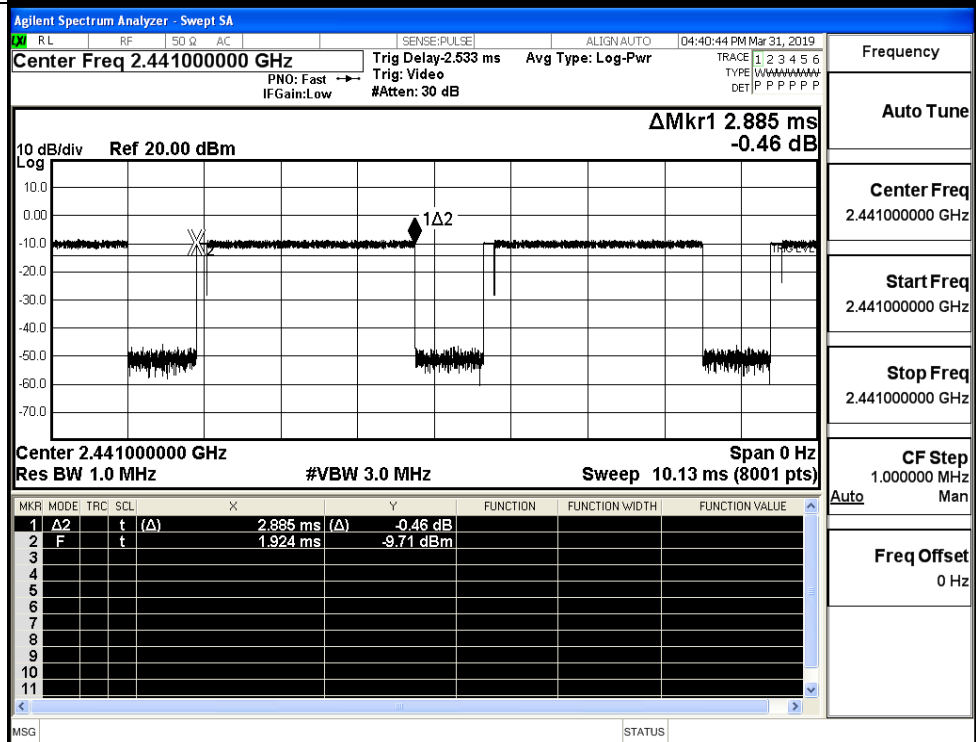
GFSK\_DH5/HCH



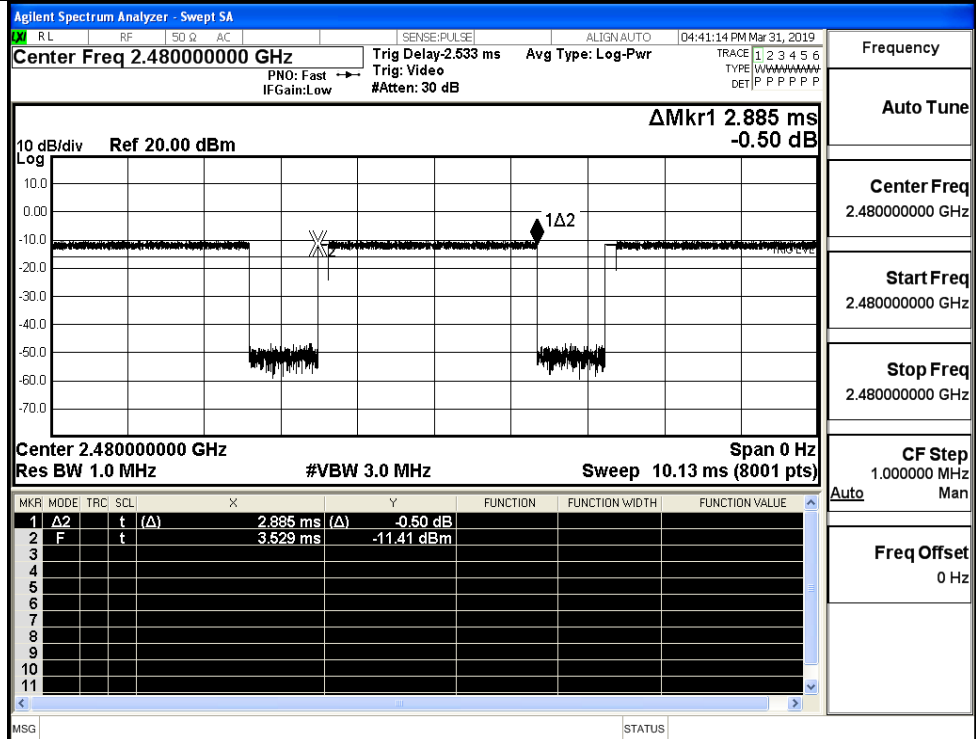
$\pi/4$ DQPSK  
\_2DH5/LCH



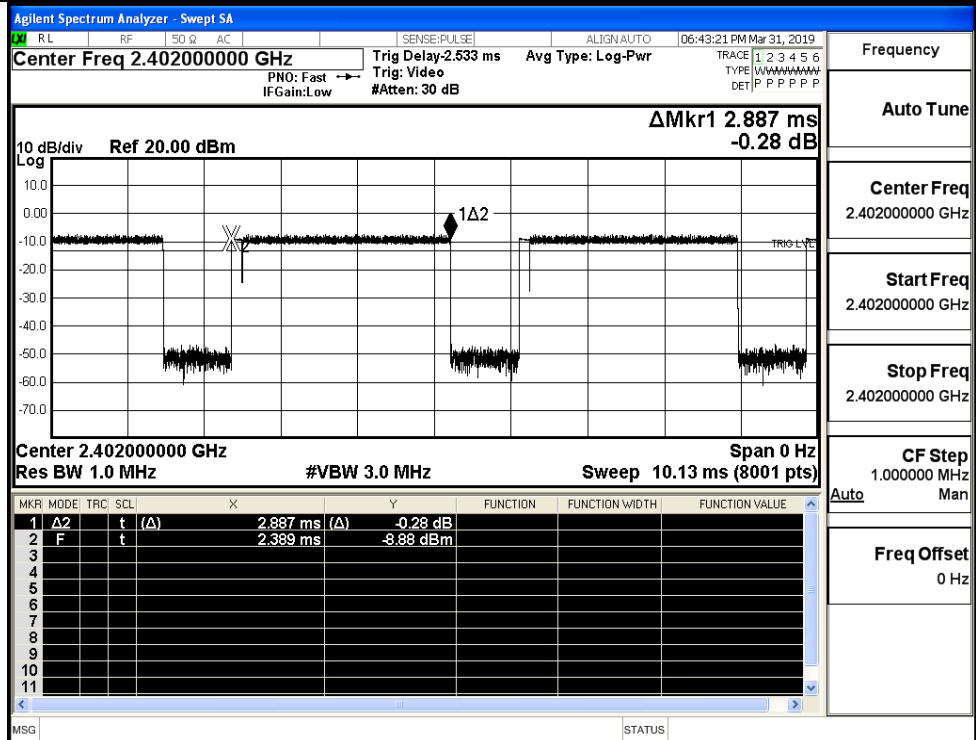
$\pi/4$ DQPSK  
\_2DH5/MCH



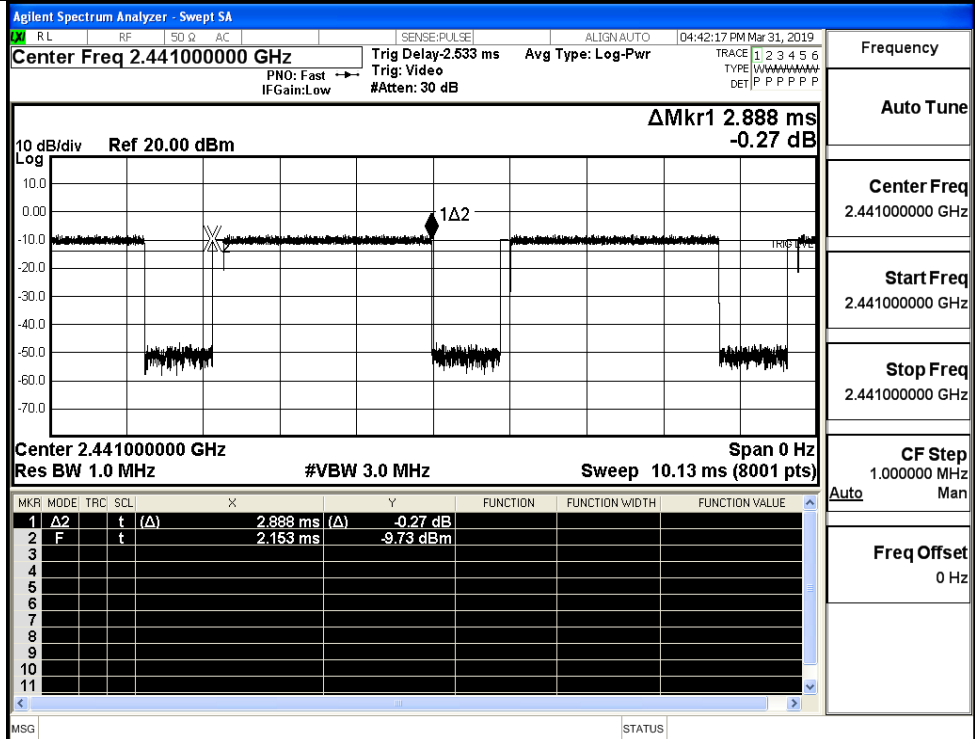
$\pi/4$ DQPSK  
\_2DH5/HCH



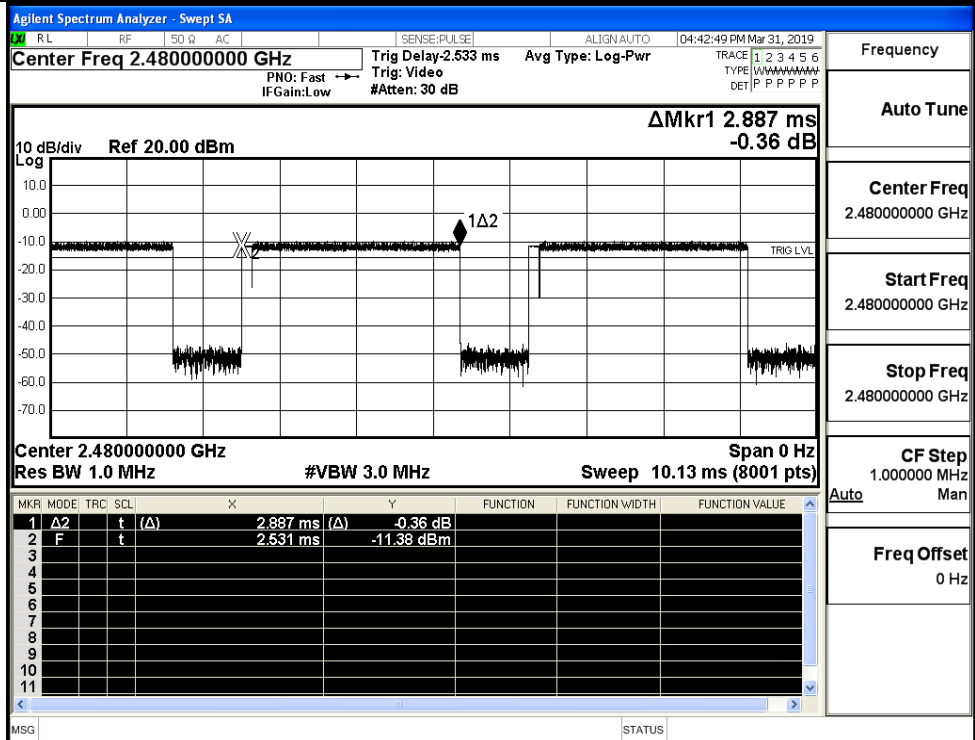
8DPSK\_3DH5/LCH



8DPSK\_3DH5/MCH



8DPSK\_3DH5/HCH



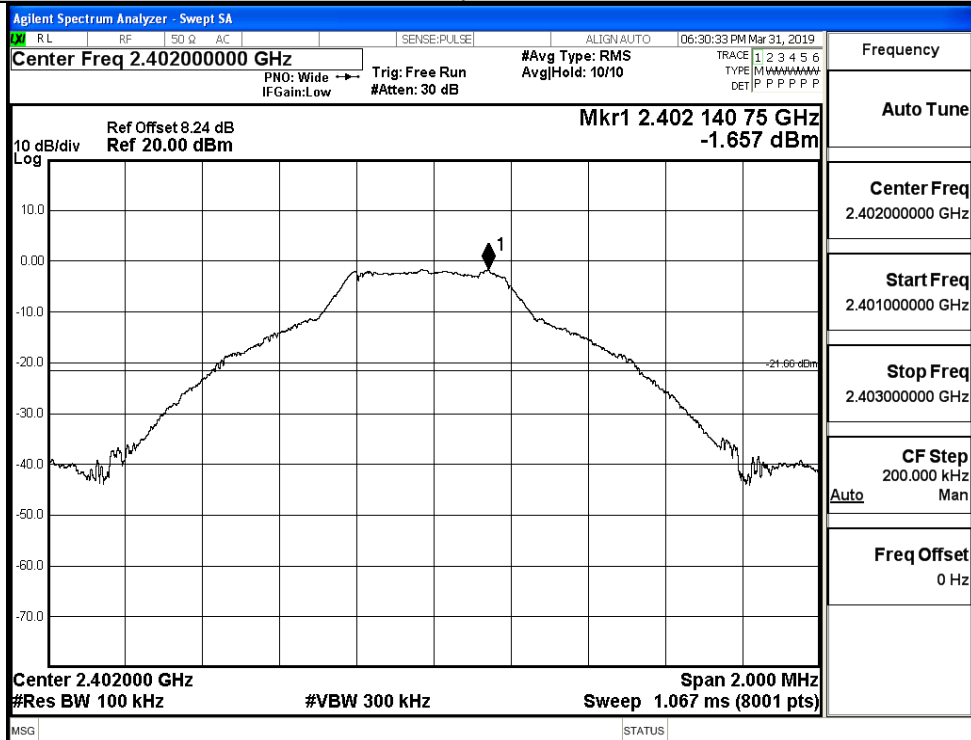
## A.6 RF Conducted Spurious Emissions

| Mode          | Channel | Pref [dBm] | Max. Level [dBm] | Limit [dBm] | Verdict |
|---------------|---------|------------|------------------|-------------|---------|
| GFSK          | LCH     | -1.657     | -44.567          | -21.657     | PASS    |
|               | MCH     | -2.585     | -44.498          | -22.585     | PASS    |
|               | HCH     | -4.47      | -45.000          | -24.470     | PASS    |
| $\pi/4$ DQPSK | LCH     | -0.679     | -44.191          | -20.679     | PASS    |
|               | MCH     | -1.927     | -44.603          | -21.927     | PASS    |
|               | HCH     | -3.558     | -44.720          | -23.558     | PASS    |
| 8DPSK         | LCH     | -0.689     | -44.824          | -20.689     | PASS    |
|               | MCH     | -1.948     | -44.212          | -21.948     | PASS    |
|               | HCH     | -3.469     | -43.827          | -23.469     | PASS    |

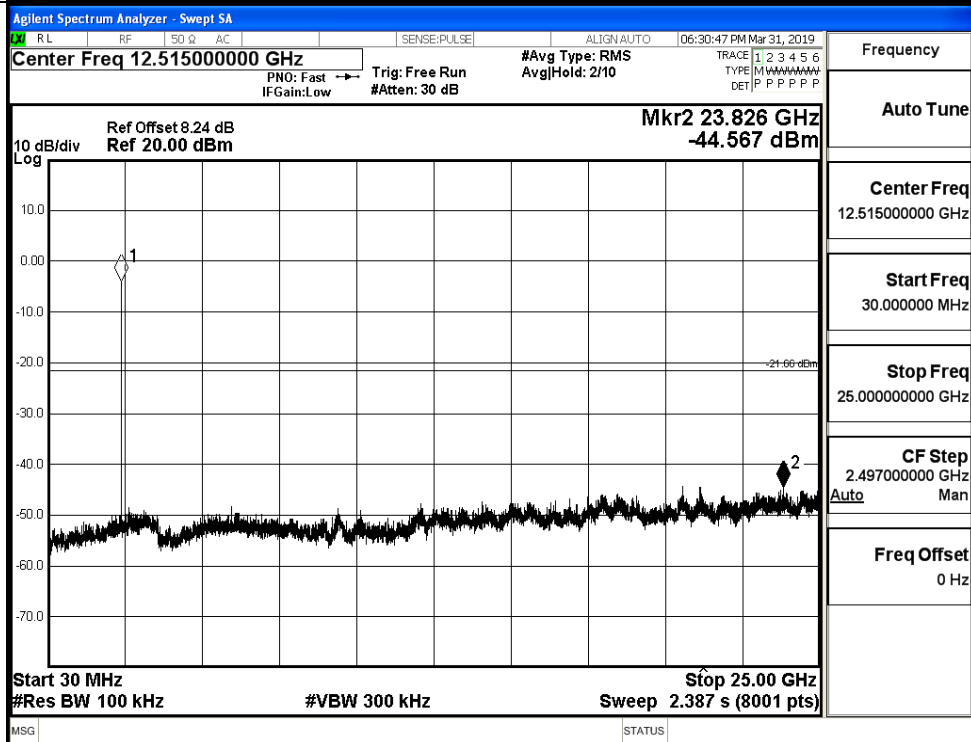


GFSK\_LCH\_Graphs

Pref

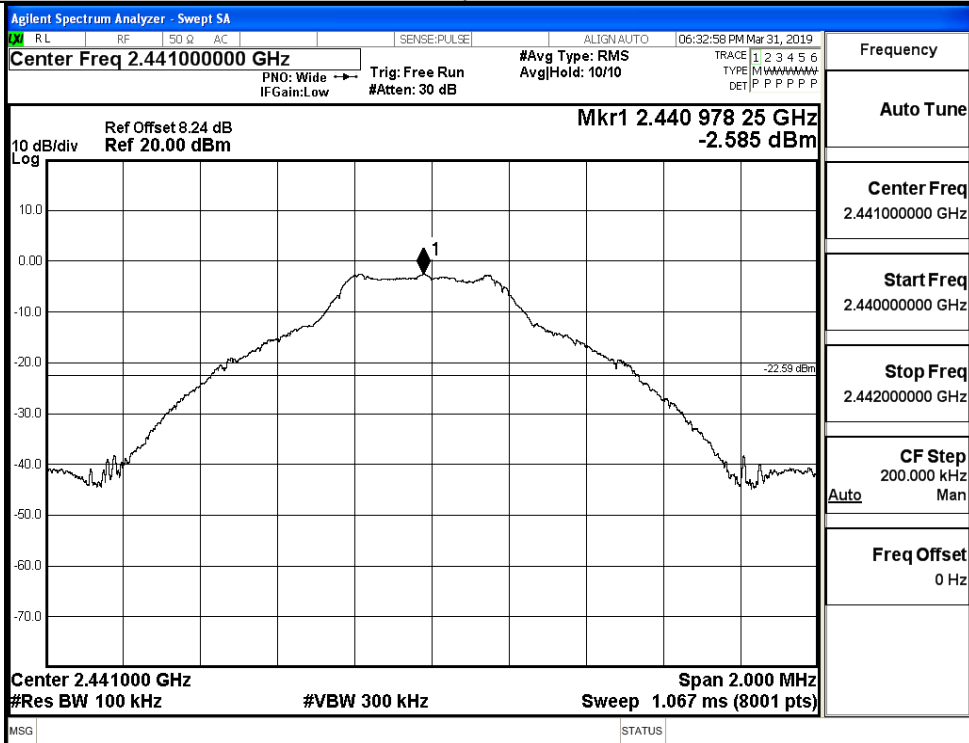


Puw

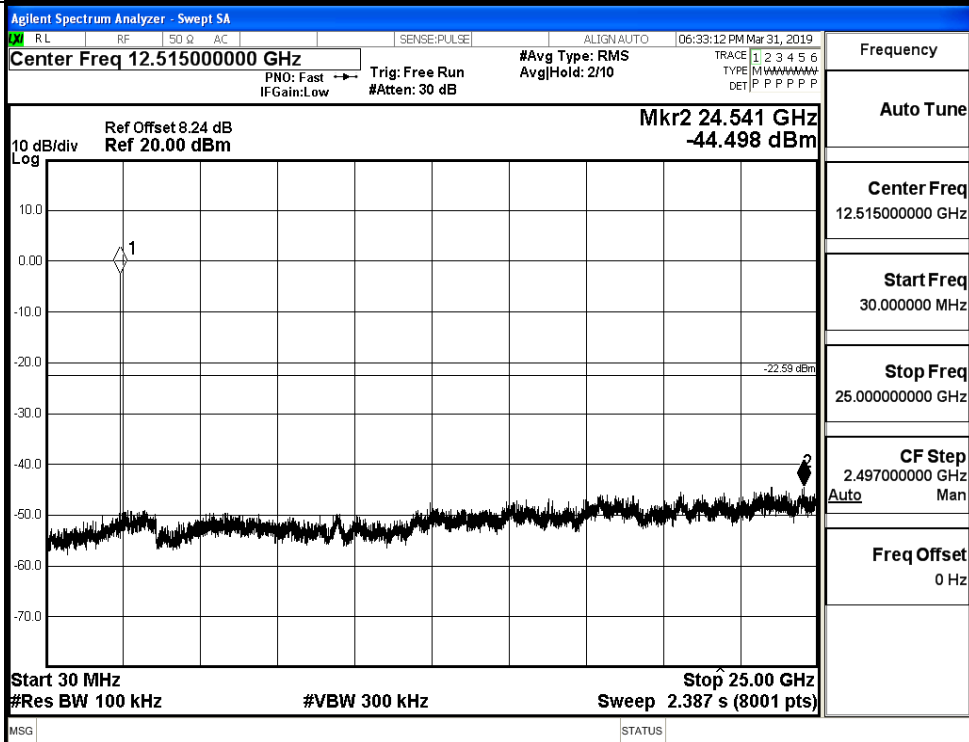


GFSK\_MCH\_Graphs

Pref

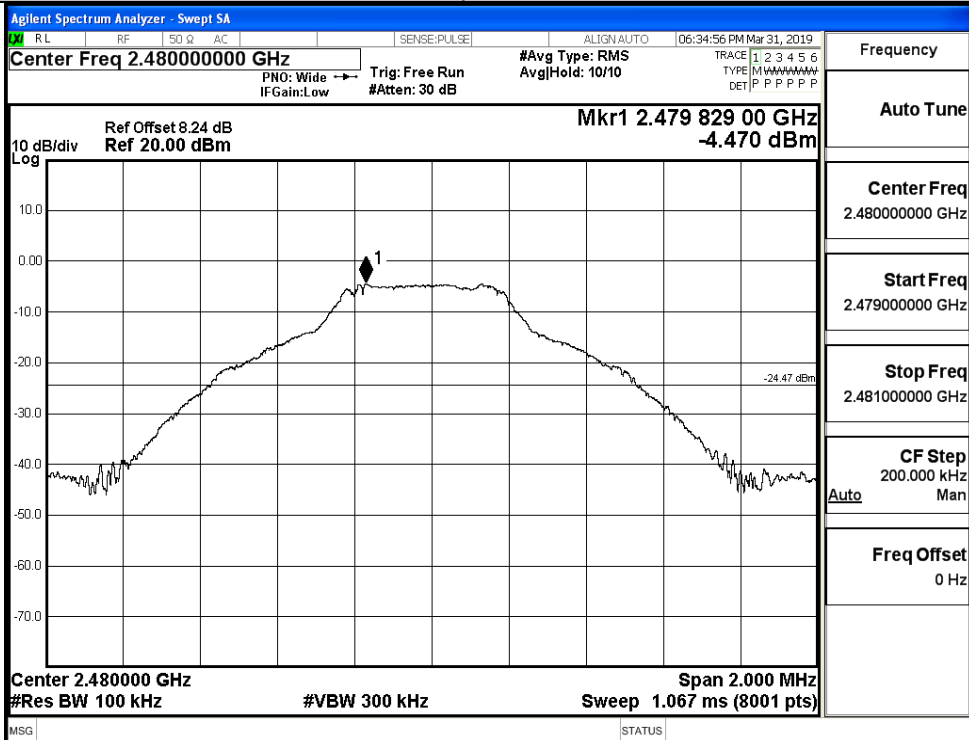


Puw

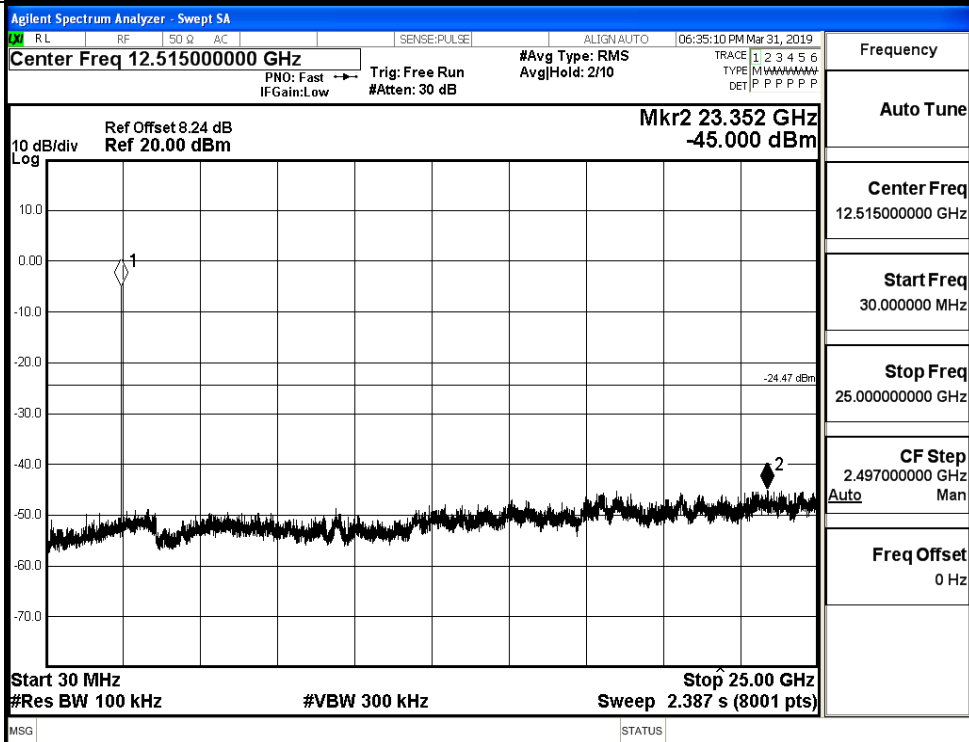


GFSK\_HCH\_Graphs

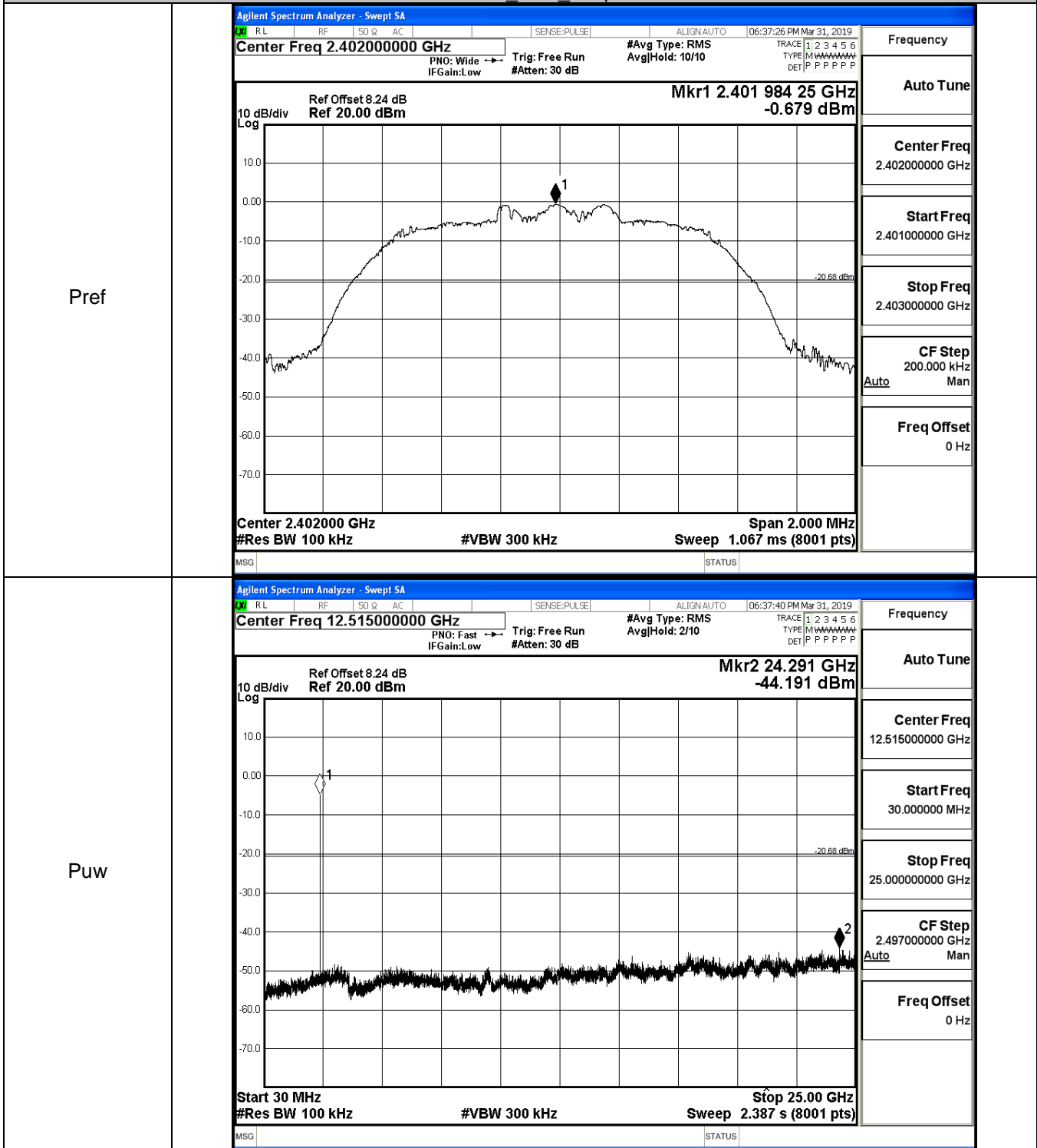
Pref



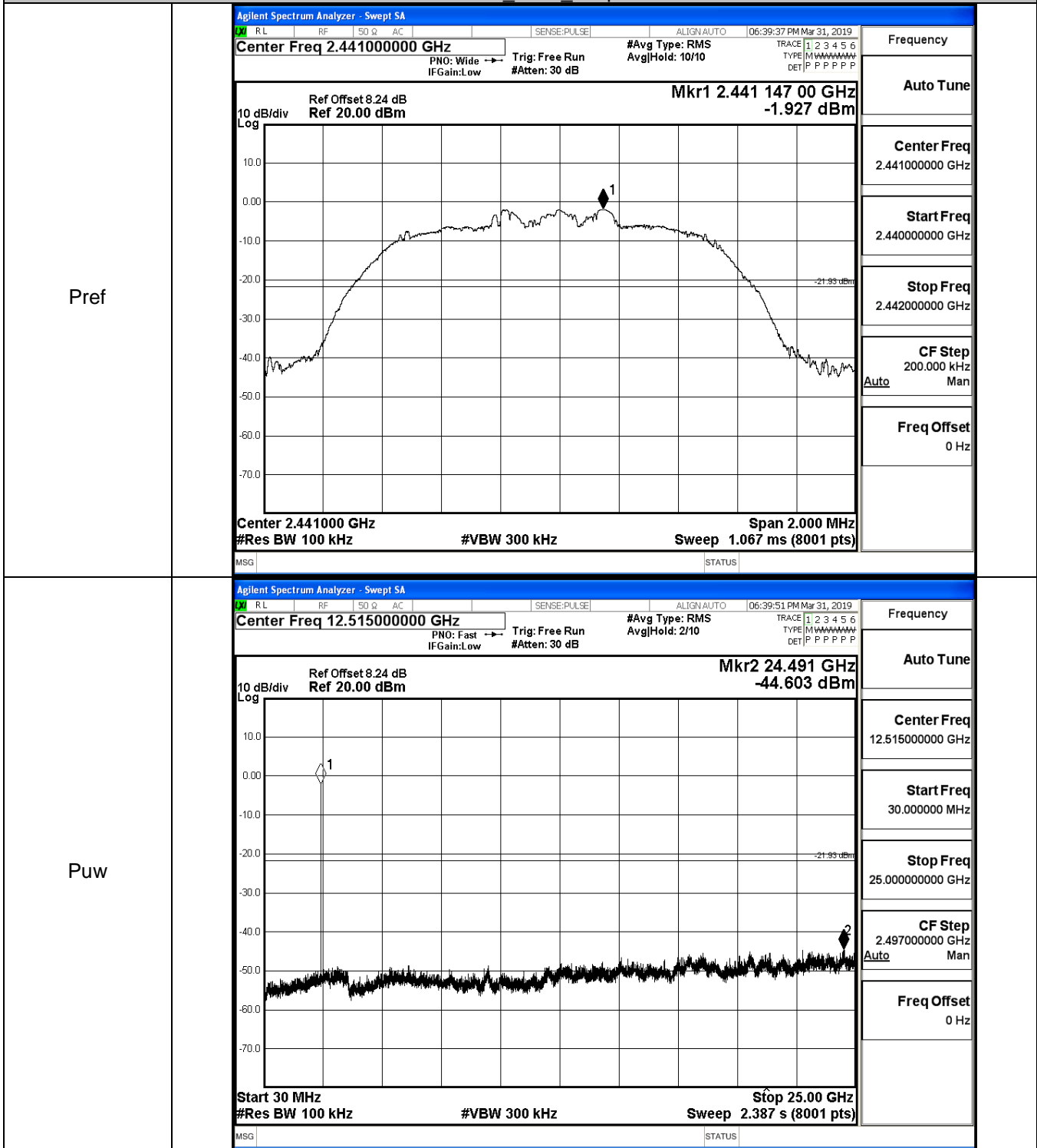
Puw



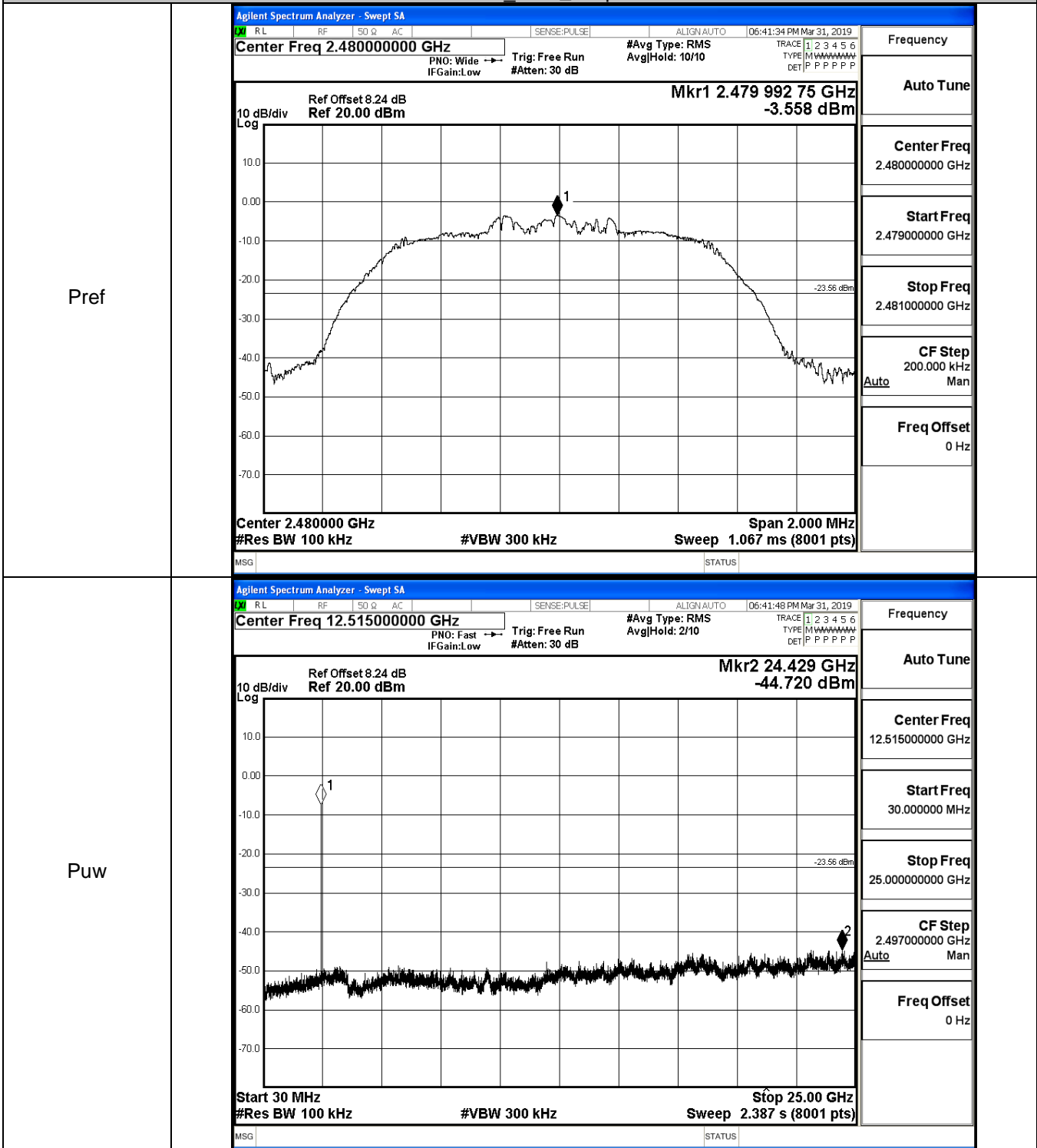
$\pi/4$ DQPSK LCH\_Graphs



$\pi/4$ DQPSK\_MCH\_Graphs

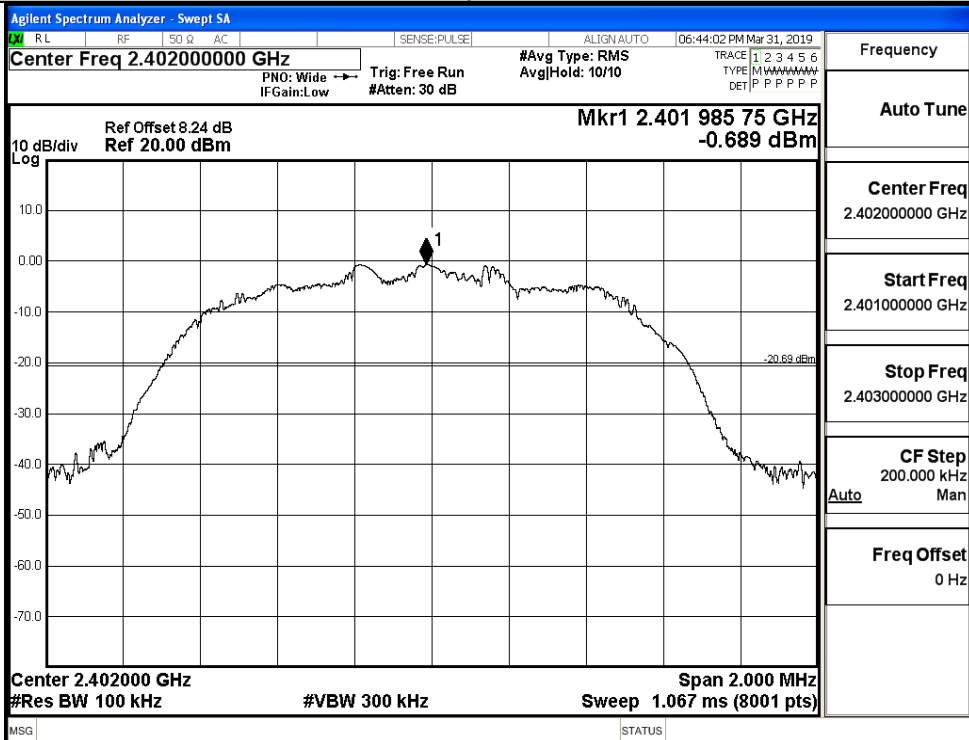


$\pi/4$ DQPSK\_HCH\_Graphs

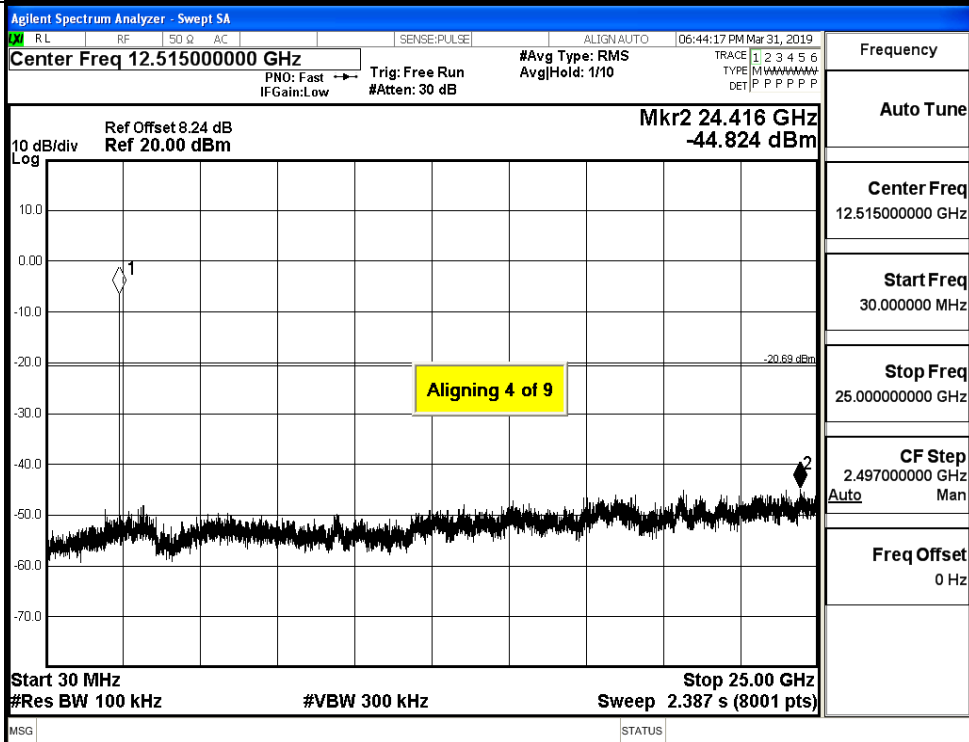


8DPSK\_LCH\_Graphs

Pref

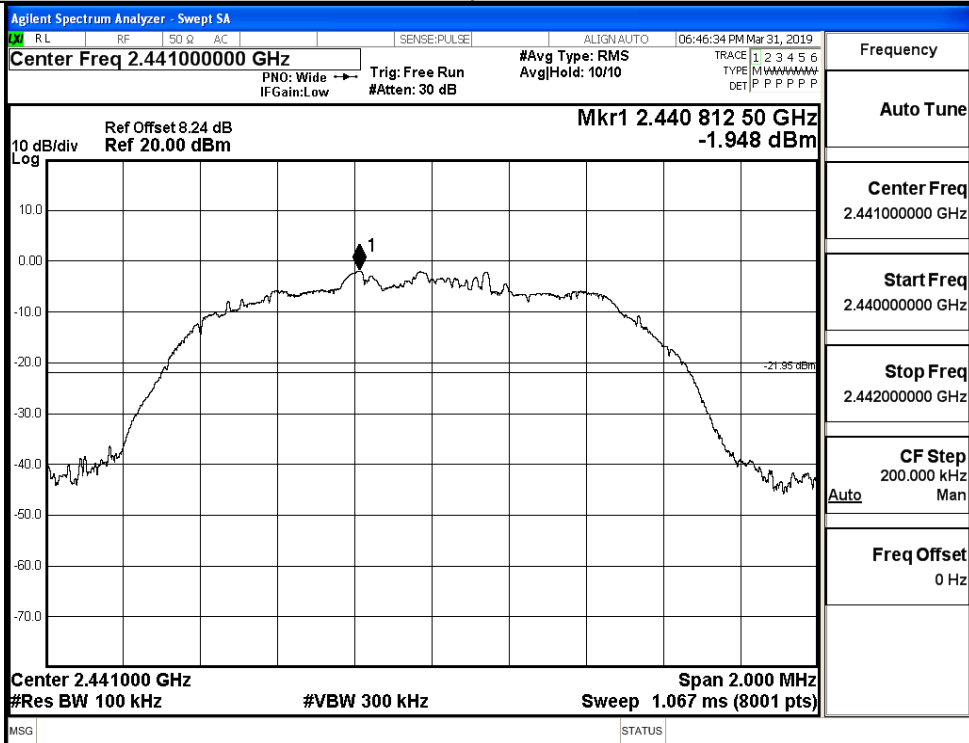


Puw

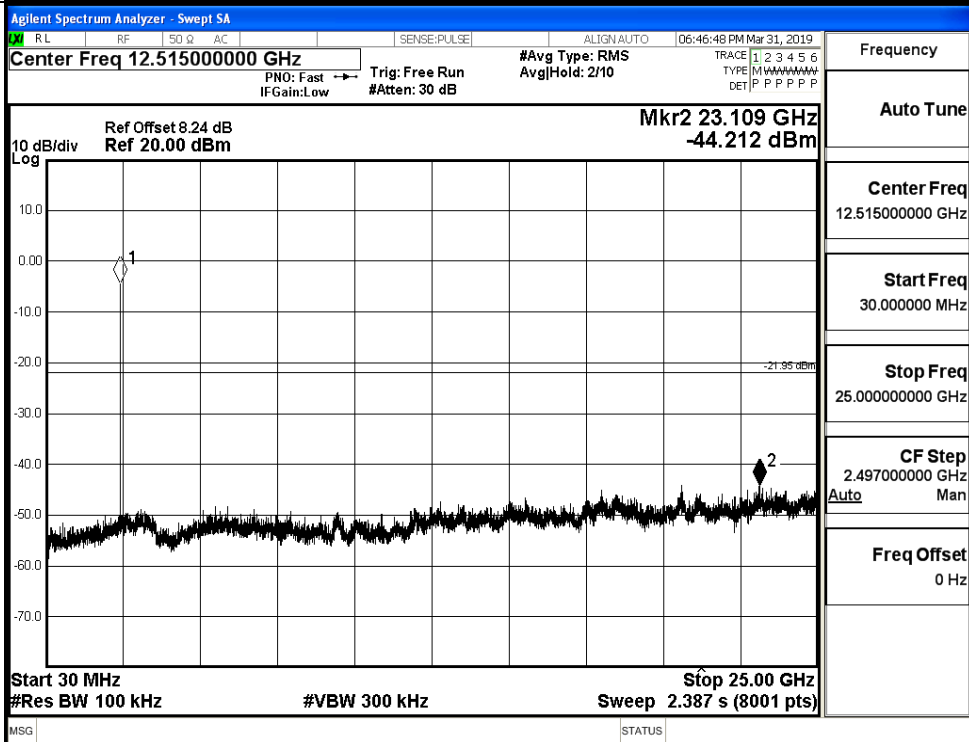


8DPSK\_MCH\_Graphs

Pref



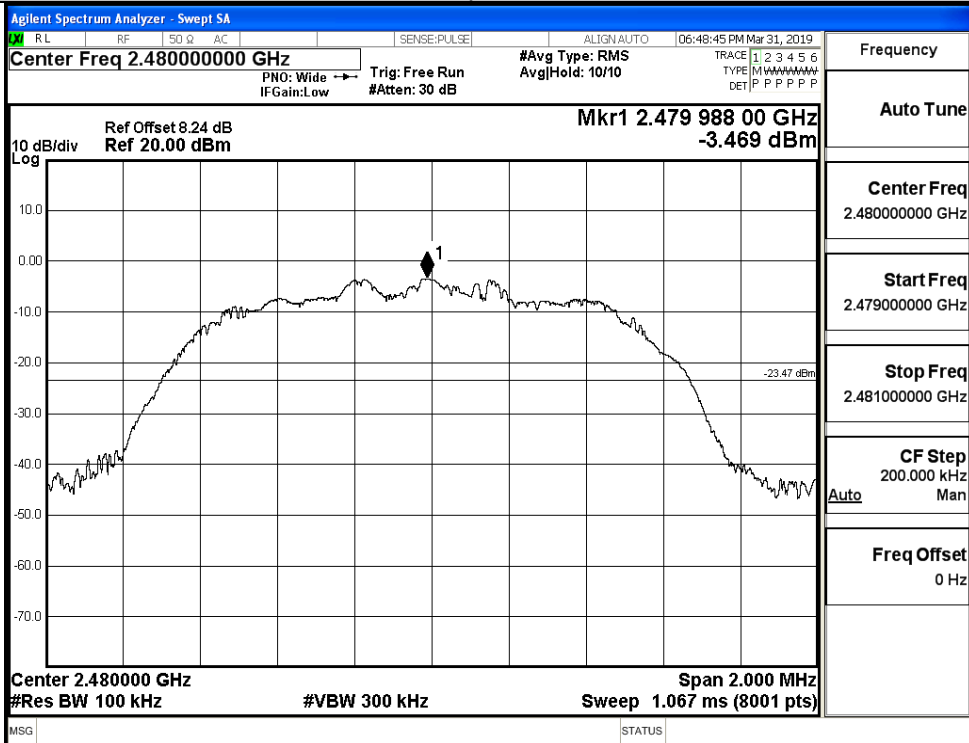
Puw



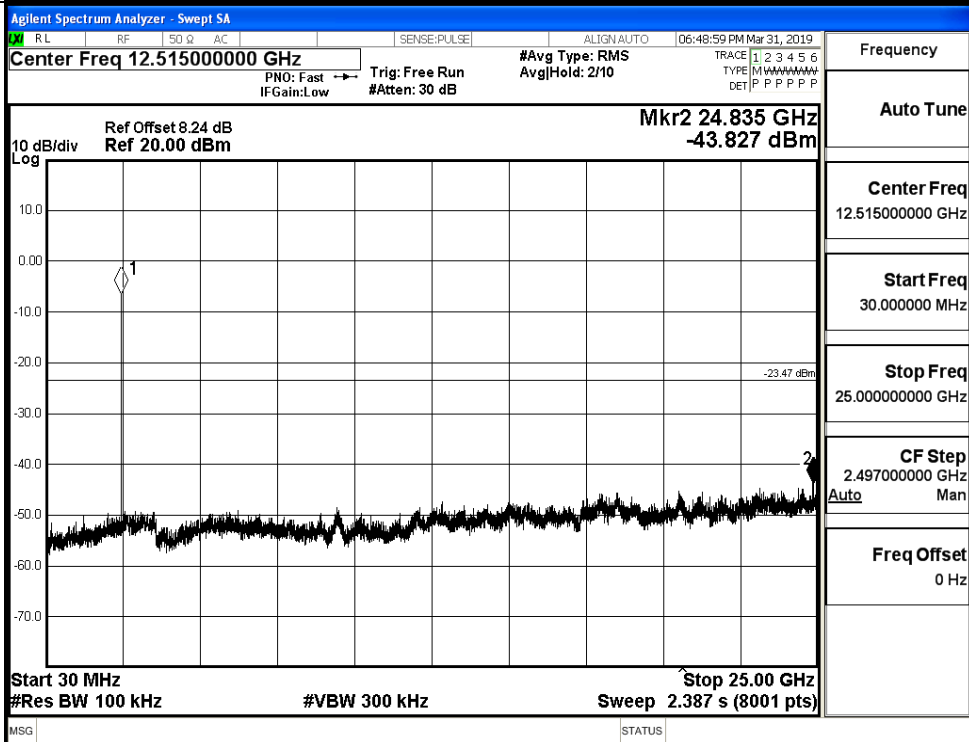


8DPSK\_HCH\_Graphs

Pref



Puw

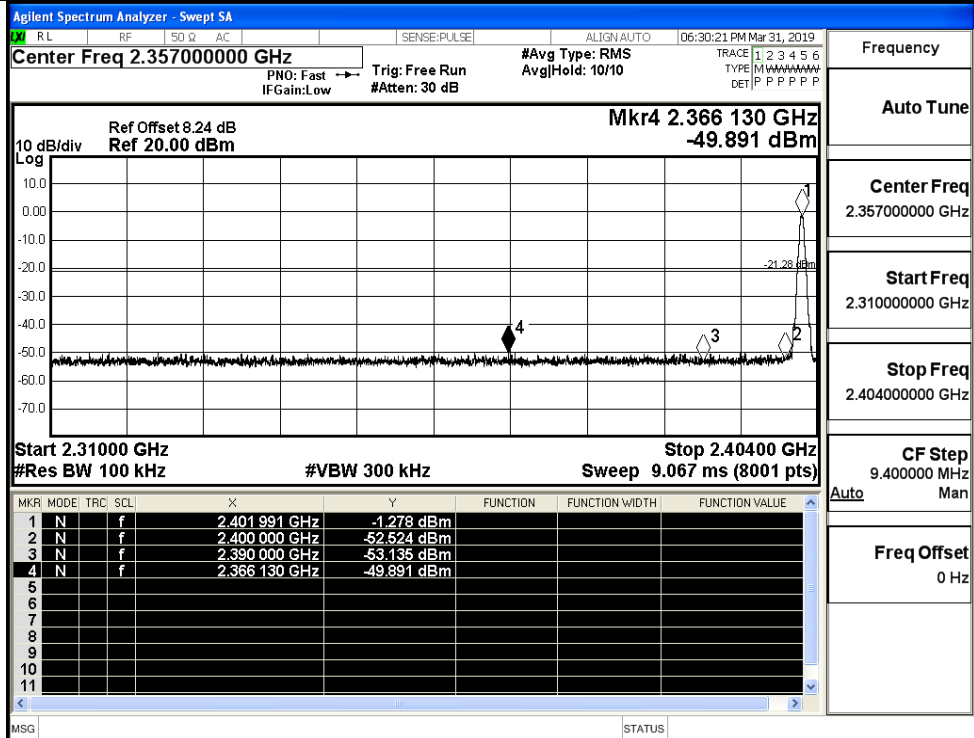


## A.7 Band-edge for RF Conducted Emissions

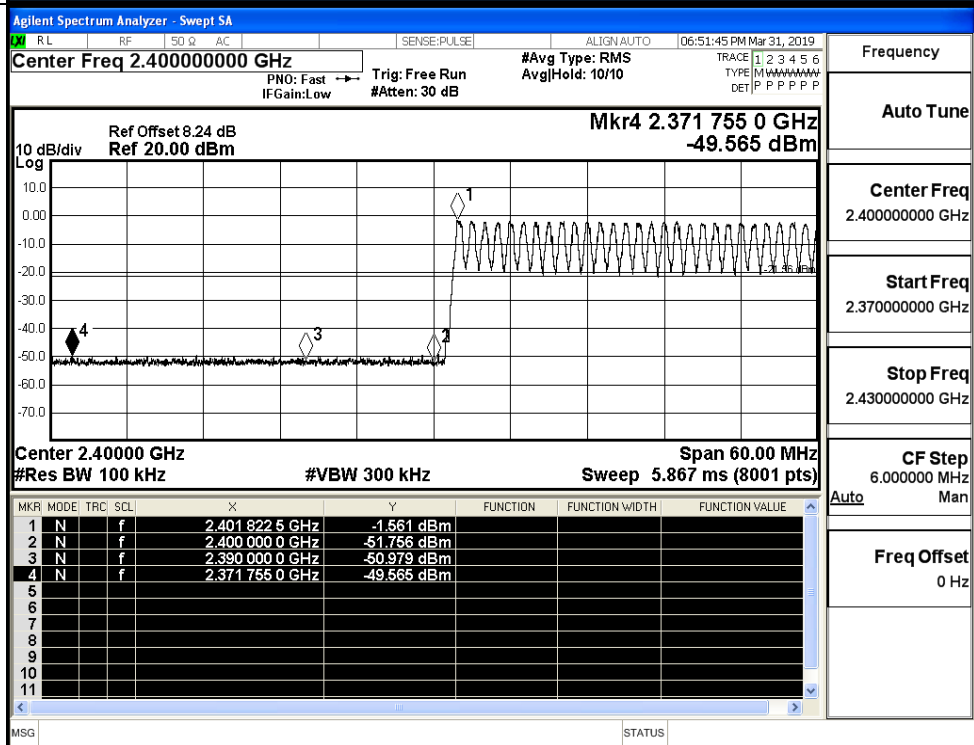
| Mode          | Channel | Carrier Frequency [MHz] | Carrier Power [dBm] | Frequency Hopping | Max Spurious Level [dBm] | Limit [dBm] | Verdict |
|---------------|---------|-------------------------|---------------------|-------------------|--------------------------|-------------|---------|
| GFSK          | LCH     | 2402                    | -1.278              | Off               | -49.891                  | -21.28      | PASS    |
|               |         |                         | -1.561              | On                | -49.565                  | -21.56      | PASS    |
|               | HCH     | 2480                    | -4.056              | Off               | -49.937                  | -24.06      | PASS    |
|               |         |                         | -3.413              | On                | -49.426                  | -23.41      | PASS    |
| $\pi/4$ DQPSK | LCH     | 2402                    | -0.719              | Off               | -49.421                  | -20.72      | PASS    |
|               |         |                         | -0.906              | On                | -49.610                  | -20.91      | PASS    |
|               | HCH     | 2480                    | -3.398              | Off               | -49.318                  | -23.4       | PASS    |
|               |         |                         | -2.501              | On                | -49.238                  | -22.5       | PASS    |
| 8DPSK         | LCH     | 2402                    | -0.900              | Off               | -50.075                  | -20.9       | PASS    |
|               |         |                         | -0.819              | On                | -48.704                  | -20.82      | PASS    |
|               | HCH     | 2480                    | -3.472              | Off               | -49.870                  | -23.47      | PASS    |
|               |         |                         | -2.340              | On                | -48.877                  | -22.34      | PASS    |

Test Graphs

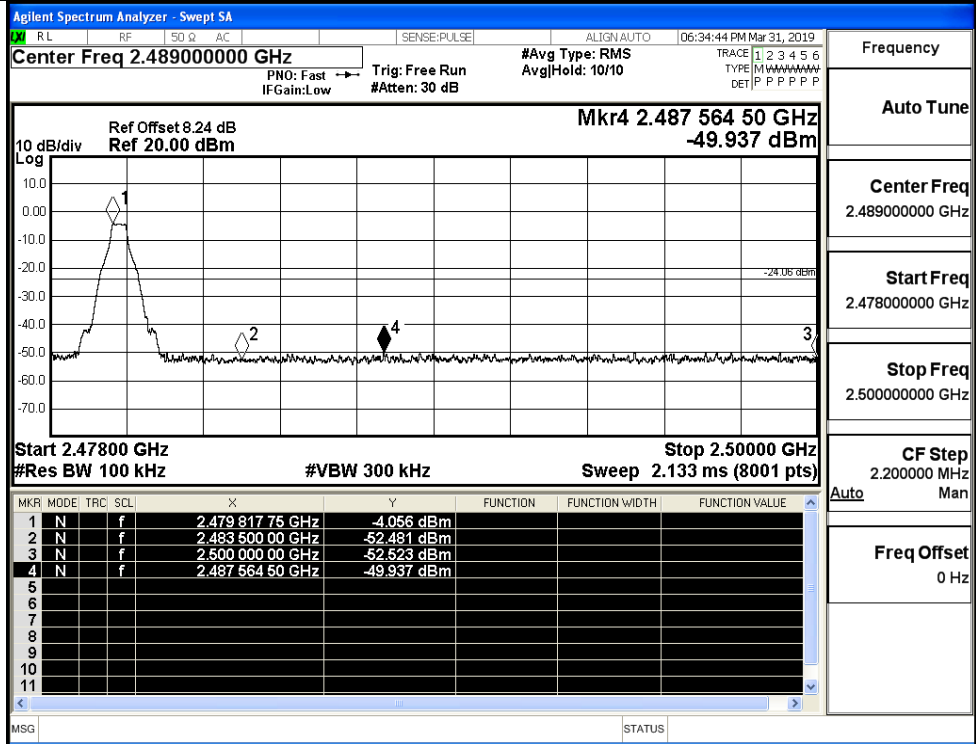
GFSK/LCH/No Hop



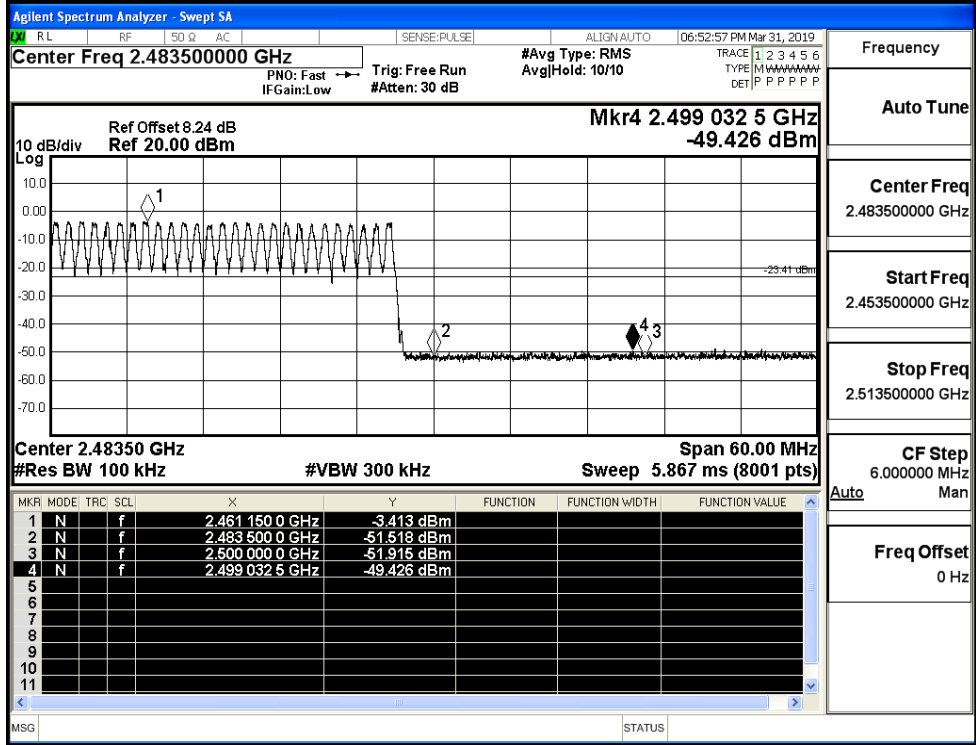
GFSK/LCH/Hop



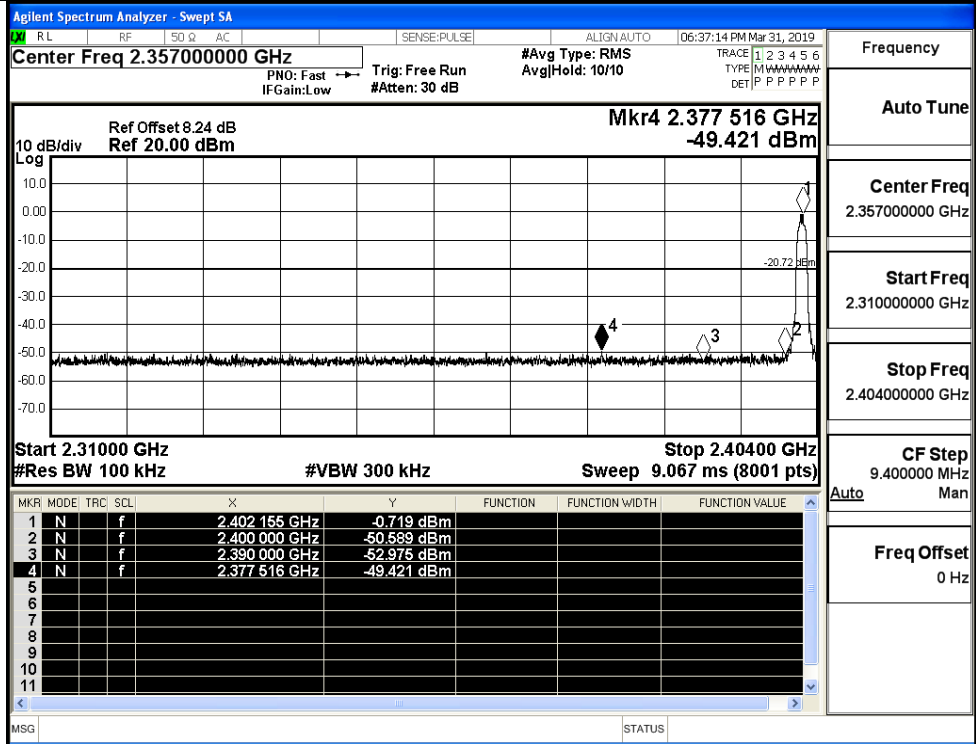
GFSK/HCH/No Hop



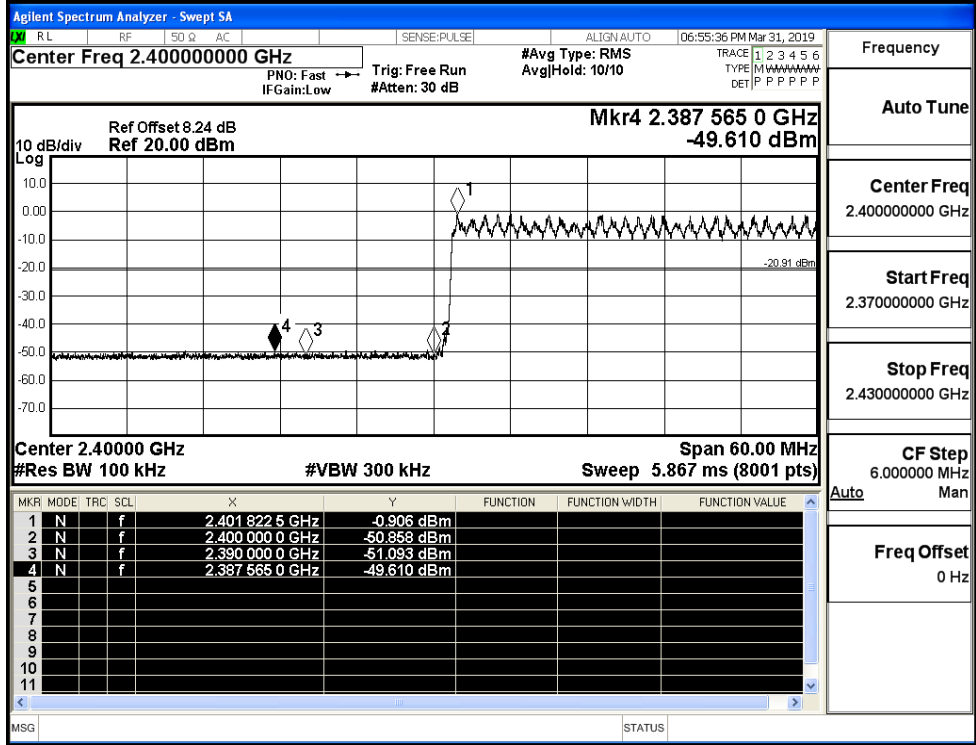
GFSK/HCH/Hop



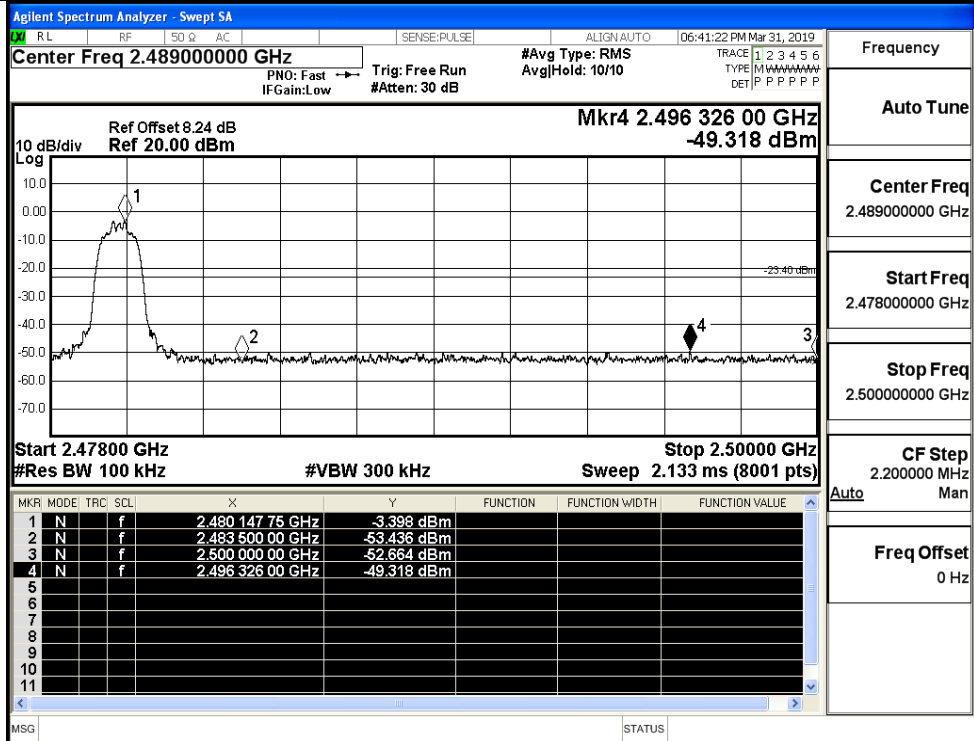
$\pi/4$ DQPSK/LCH/No  
Hop



$\pi/4$ DQPSK/LCH/Hop

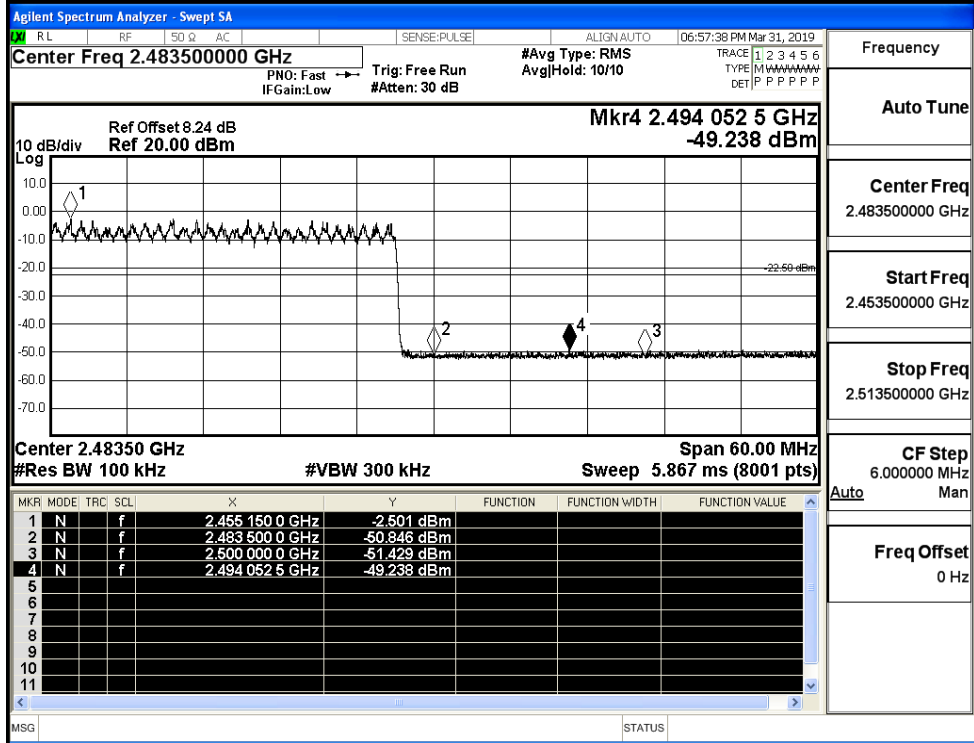


$\pi$ /4DQPSK/HCH/No  
Hop



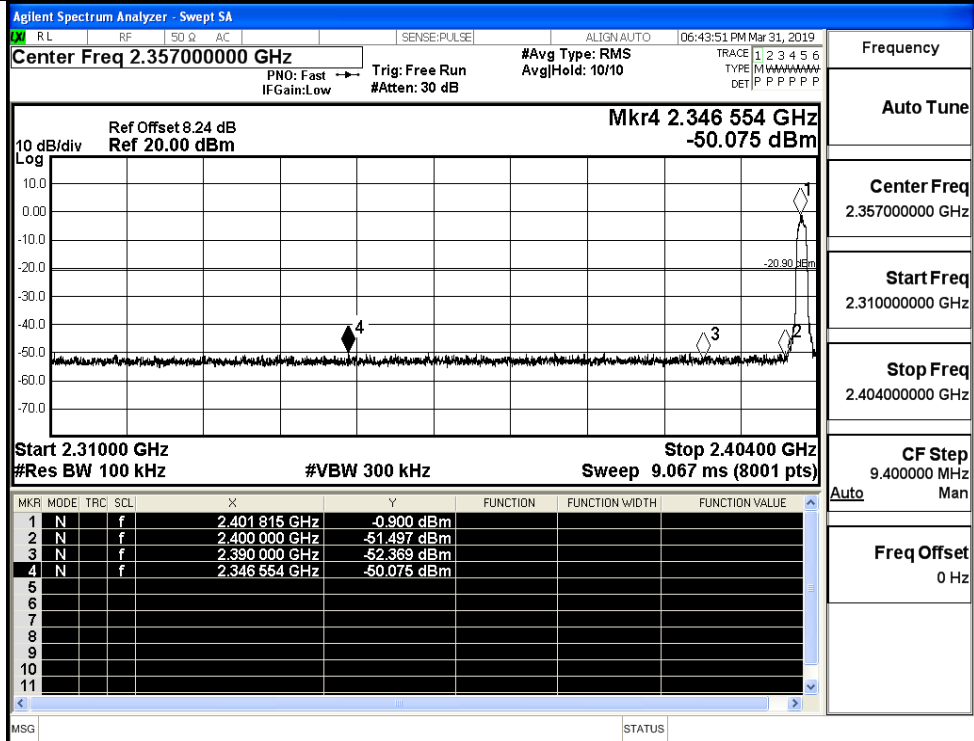
|             |                 |
|-------------|-----------------|
| Frequency   |                 |
| Auto Tune   |                 |
| Center Freq | 2.489000000 GHz |
| Start Freq  | 2.478000000 GHz |
| Stop Freq   | 2.500000000 GHz |
| CF Step     | 2.200000 MHz    |
| Freq Offset | 0 Hz            |

$\pi$ /4DQPSK/HCH/Hop



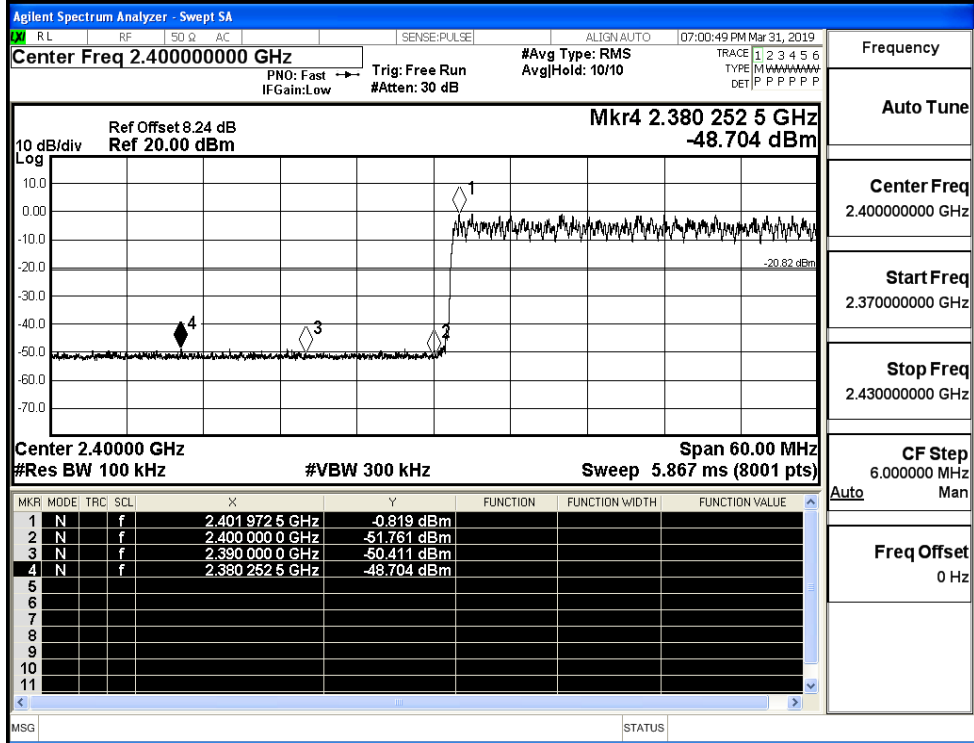
|             |                 |
|-------------|-----------------|
| Frequency   |                 |
| Auto Tune   |                 |
| Center Freq | 2.483500000 GHz |
| Start Freq  | 2.453500000 GHz |
| Stop Freq   | 2.513500000 GHz |
| CF Step     | 6.000000 MHz    |
| Freq Offset | 0 Hz            |

8DPSK/LCH/No Hop



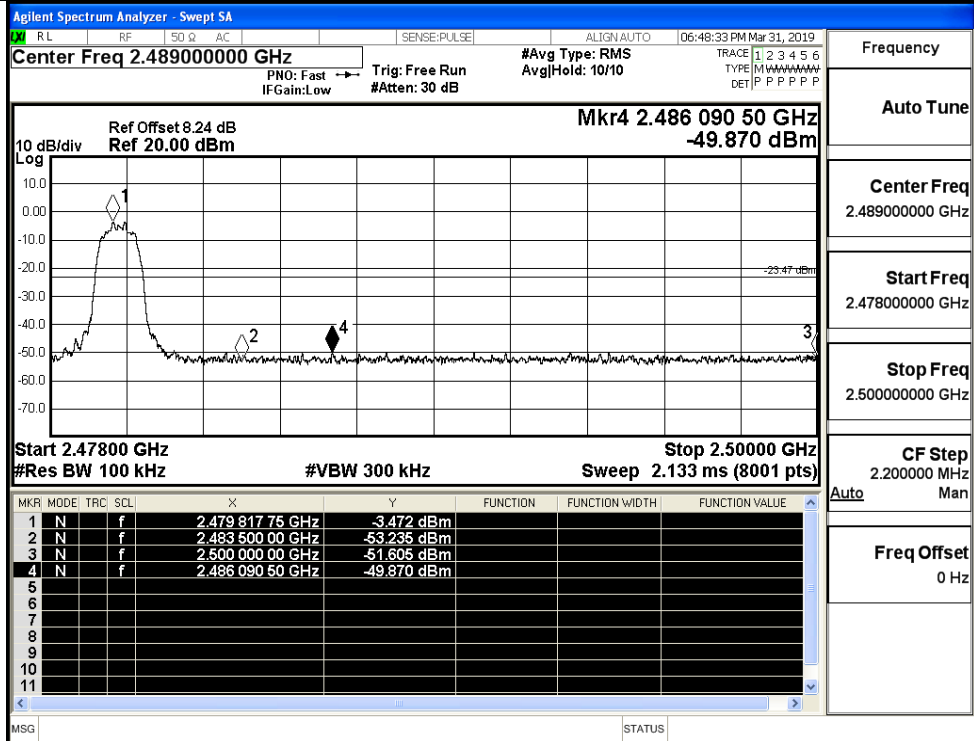
Frequency  
Auto Tune  
Center Freq  
2.357000000 GHz  
Start Freq  
2.310000000 GHz  
Stop Freq  
2.404000000 GHz  
CF Step  
9.400000 MHz  
Auto Man  
Freq Offset  
0 Hz

8DPSK/LCH/Hop



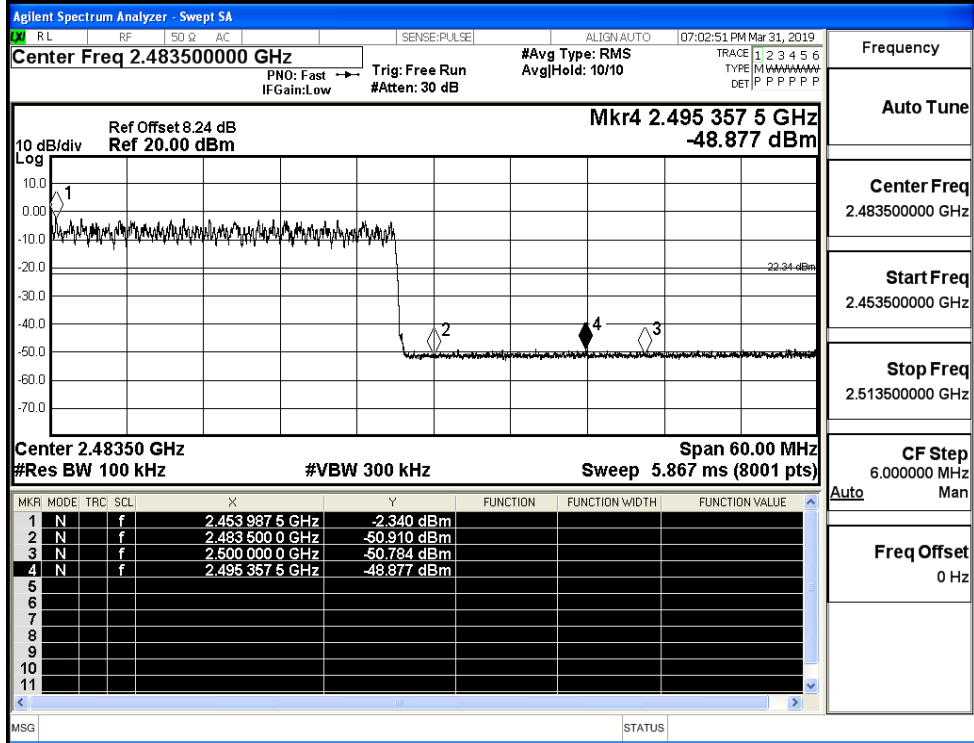
Frequency  
Auto Tune  
Center Freq  
2.400000000 GHz  
Start Freq  
2.370000000 GHz  
Stop Freq  
2.430000000 GHz  
CF Step  
6.000000 MHz  
Auto Man  
Freq Offset  
0 Hz

8DPSK/HCH/No Hop



|             |                 |
|-------------|-----------------|
| Frequency   | 2.489000000 GHz |
| Auto Tune   |                 |
| Center Freq | 2.489000000 GHz |
| Start Freq  | 2.478000000 GHz |
| Stop Freq   | 2.500000000 GHz |
| CF Step     | 2.200000 MHz    |
| Freq Offset | 0 Hz            |

8DPSK/HCH/Hop



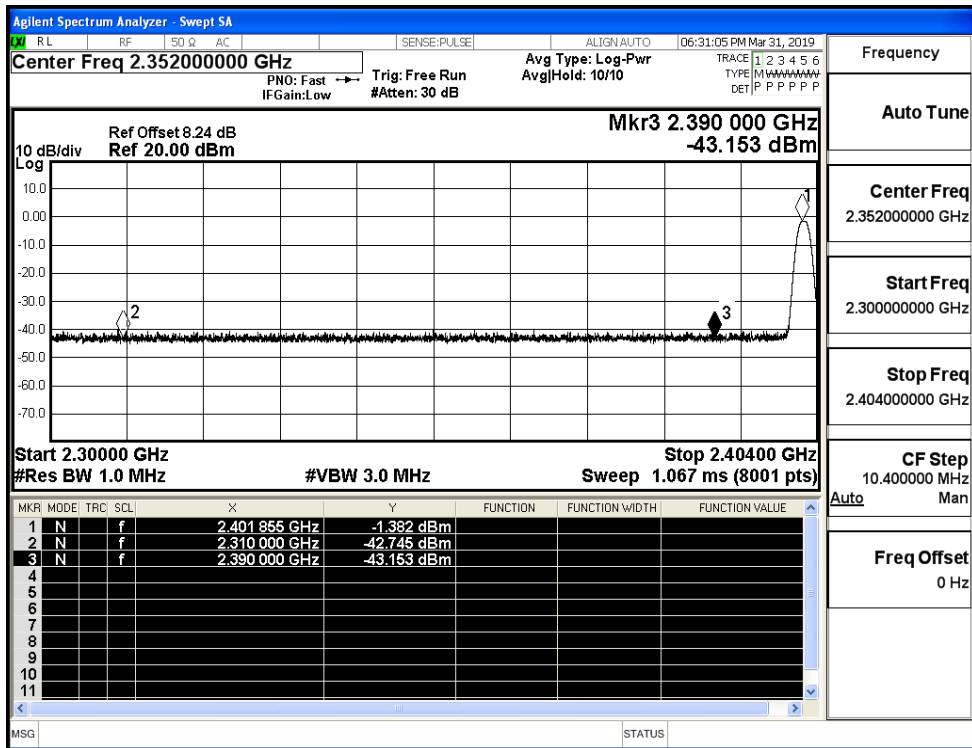
|             |                 |
|-------------|-----------------|
| Frequency   | 2.483500000 GHz |
| Auto Tune   |                 |
| Center Freq | 2.483500000 GHz |
| Start Freq  | 2.453500000 GHz |
| Stop Freq   | 2.513500000 GHz |
| CF Step     | 6.000000 MHz    |
| Freq Offset | 0 Hz            |



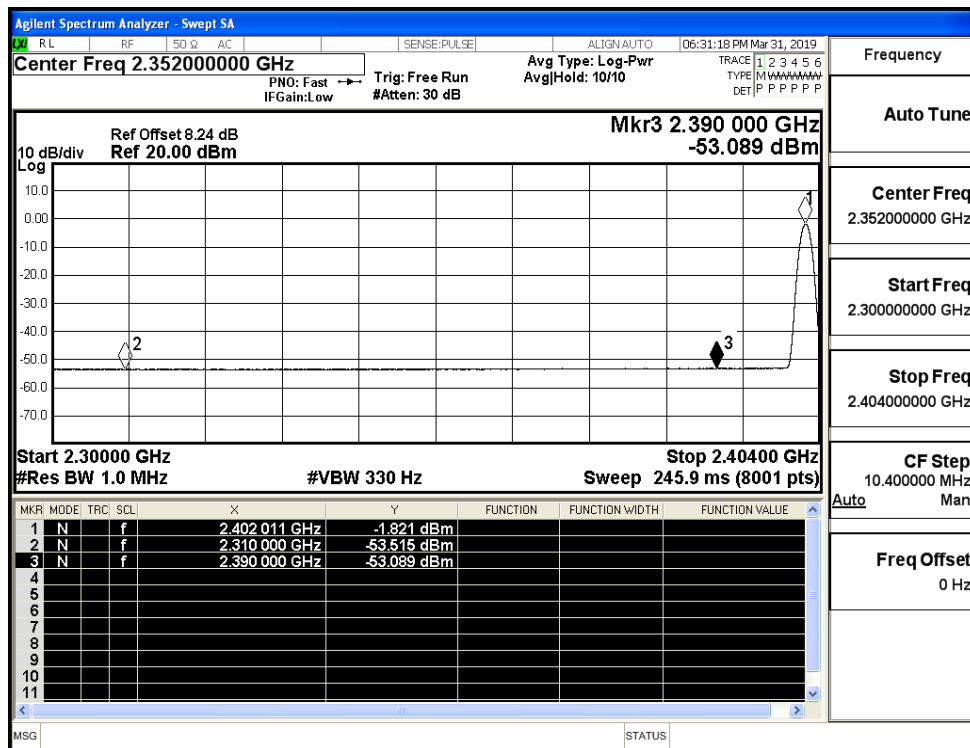
## A.8 Restrict-band band-edge measurements

| Test Mode     | Hopping | Freq.  | Power [dBm] | Gain | Ground Factor | E [dBuV/m] | Detector | Limit [dBuV/m] | Verdict |
|---------------|---------|--------|-------------|------|---------------|------------|----------|----------------|---------|
| GFSK          | Off     | 2310.0 | -42.745     | 4.00 | 0             | 56.483     | PEAK     | 74             | PASS    |
|               | Off     | 2310.0 | -53.515     | 4.00 | 0             | 45.713     | AV       | 54             | PASS    |
|               | Off     | 2390.0 | -43.153     | 4.00 | 0             | 56.075     | PEAK     | 74             | PASS    |
|               | Off     | 2390.0 | -53.089     | 4.00 | 0             | 46.139     | AV       | 54             | PASS    |
|               | Off     | 2483.5 | -42.969     | 4.00 | 0             | 56.259     | PEAK     | 74             | PASS    |
|               | Off     | 2483.5 | -52.931     | 4.00 | 0             | 46.297     | AV       | 54             | PASS    |
|               | Off     | 2500.0 | -43.196     | 4.00 | 0             | 56.032     | PEAK     | 74             | PASS    |
|               | Off     | 2500.0 | -52.871     | 4.00 | 0             | 46.357     | AV       | 54             | PASS    |
| $\pi/4$ DQPSK | Off     | 2310.0 | -42.732     | 4.00 | 0             | 56.496     | PEAK     | 74             | PASS    |
|               | Off     | 2310.0 | -53.500     | 4.00 | 0             | 45.728     | AV       | 54             | PASS    |
|               | Off     | 2390.0 | -43.554     | 4.00 | 0             | 55.674     | PEAK     | 74             | PASS    |
|               | Off     | 2390.0 | -53.183     | 4.00 | 0             | 46.045     | AV       | 54             | PASS    |
|               | Off     | 2483.5 | -41.483     | 4.00 | 0             | 57.745     | PEAK     | 74             | PASS    |
|               | Off     | 2483.5 | -52.976     | 4.00 | 0             | 46.252     | AV       | 54             | PASS    |
|               | Off     | 2500.0 | -42.386     | 4.00 | 0             | 56.842     | PEAK     | 74             | PASS    |
|               | Off     | 2500.0 | -52.758     | 4.00 | 0             | 46.470     | AV       | 54             | PASS    |
| 8DPSK         | Off     | 2310.0 | -43.836     | 4.00 | 0             | 55.392     | PEAK     | 74             | PASS    |
|               | Off     | 2310.0 | -53.419     | 4.00 | 0             | 45.809     | AV       | 54             | PASS    |
|               | Off     | 2390.0 | -42.546     | 4.00 | 0             | 56.682     | PEAK     | 74             | PASS    |
|               | Off     | 2390.0 | -53.261     | 4.00 | 0             | 45.967     | AV       | 54             | PASS    |
|               | Off     | 2483.5 | -41.300     | 4.00 | 0             | 57.928     | PEAK     | 74             | PASS    |
|               | Off     | 2483.5 | -52.925     | 4.00 | 0             | 46.303     | AV       | 54             | PASS    |
|               | Off     | 2500.0 | -42.427     | 4.00 | 0             | 56.801     | PEAK     | 74             | PASS    |
|               | Off     | 2500.0 | -52.801     | 4.00 | 0             | 46.427     | AV       | 54             | PASS    |

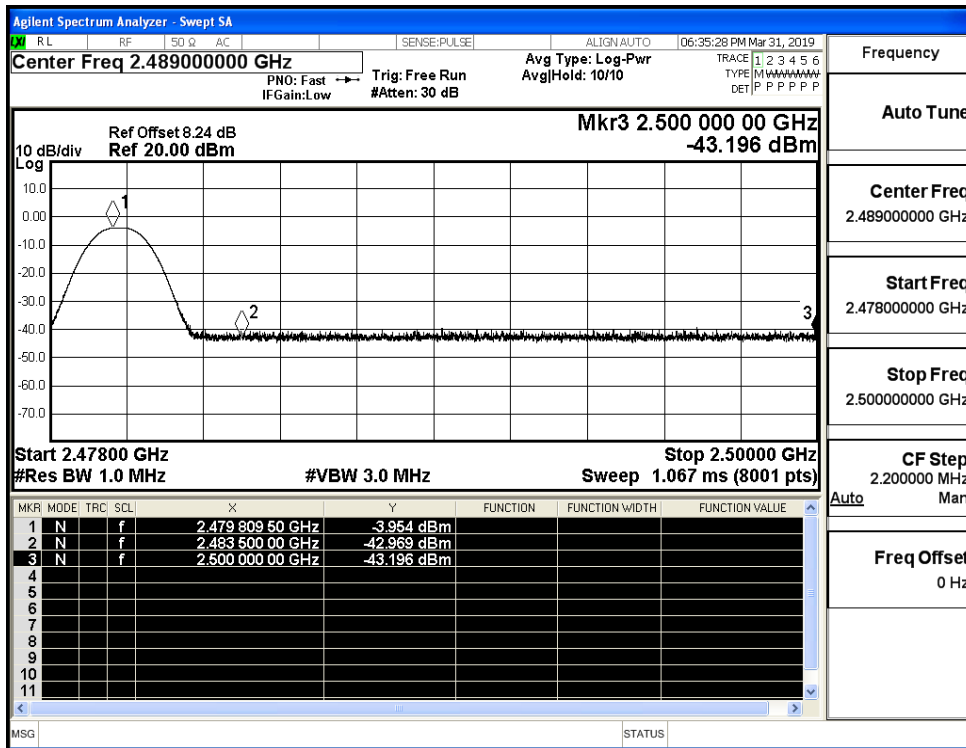
Restrict-band band-edge measurements\_Hopping Off\_GFSK\_PEAK (Low Channel)



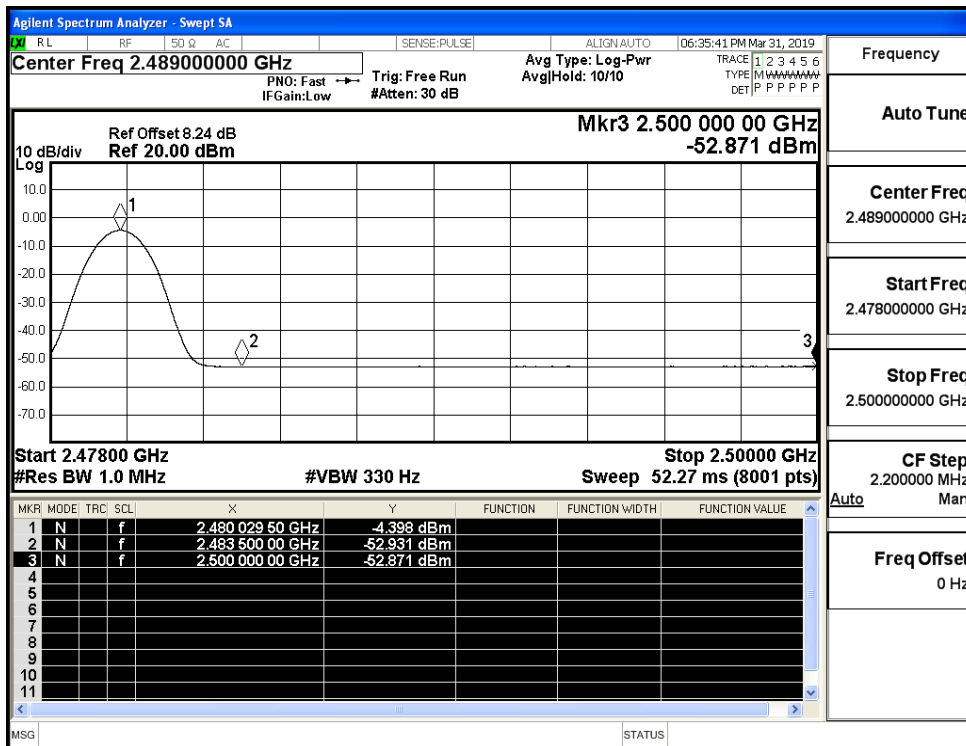
Restrict-band band-edge measurements\_Hopping Off\_GFSK\_Average (Low Channel)



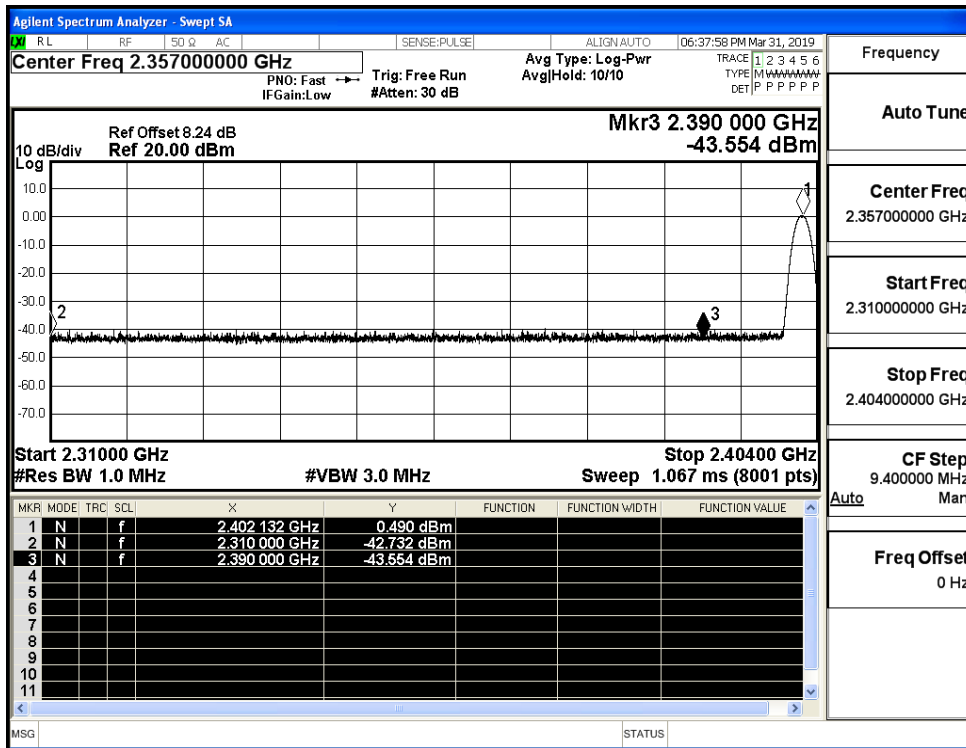
Restrict-band band-edge measurements\_Hopping Off\_GFSK\_PEAK (High Channel)



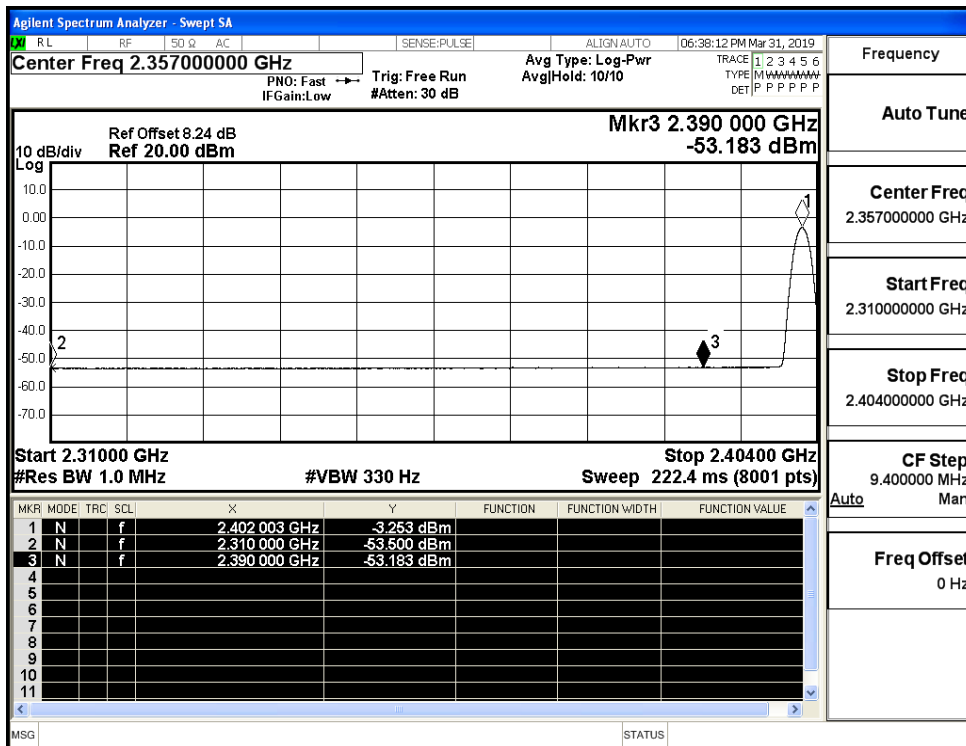
Restrict-band band-edge measurements\_Hopping Off\_GFSK\_Average (High Channel)



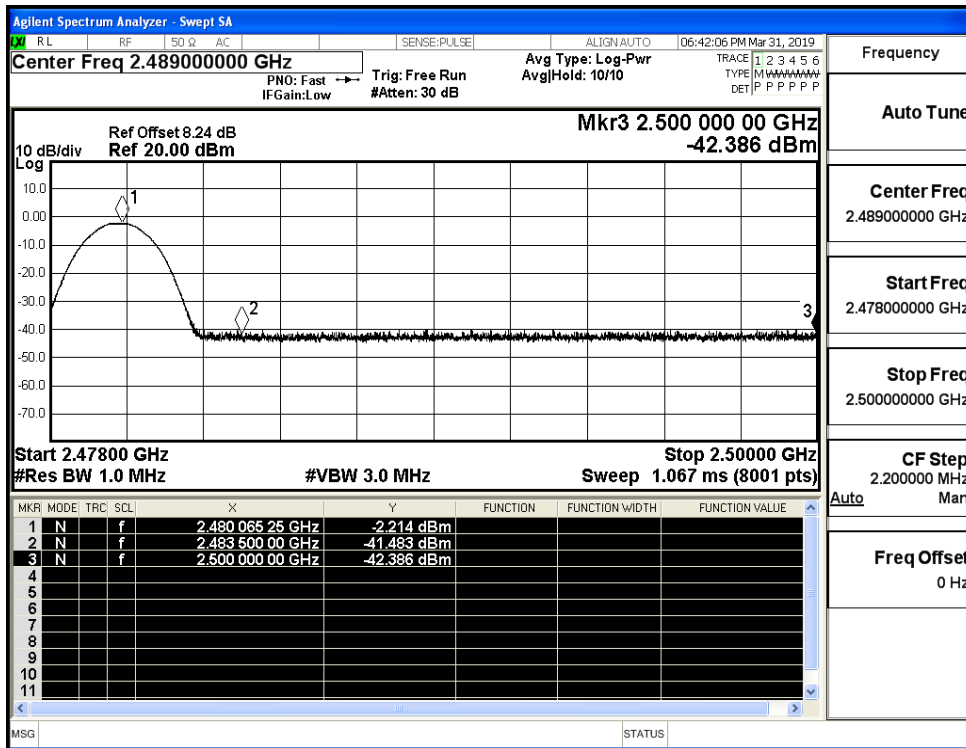
Restrict-band band-edge measurements\_Hopping Off  $\pi/4$ -DQPSK\_PEAK (Low Channel)



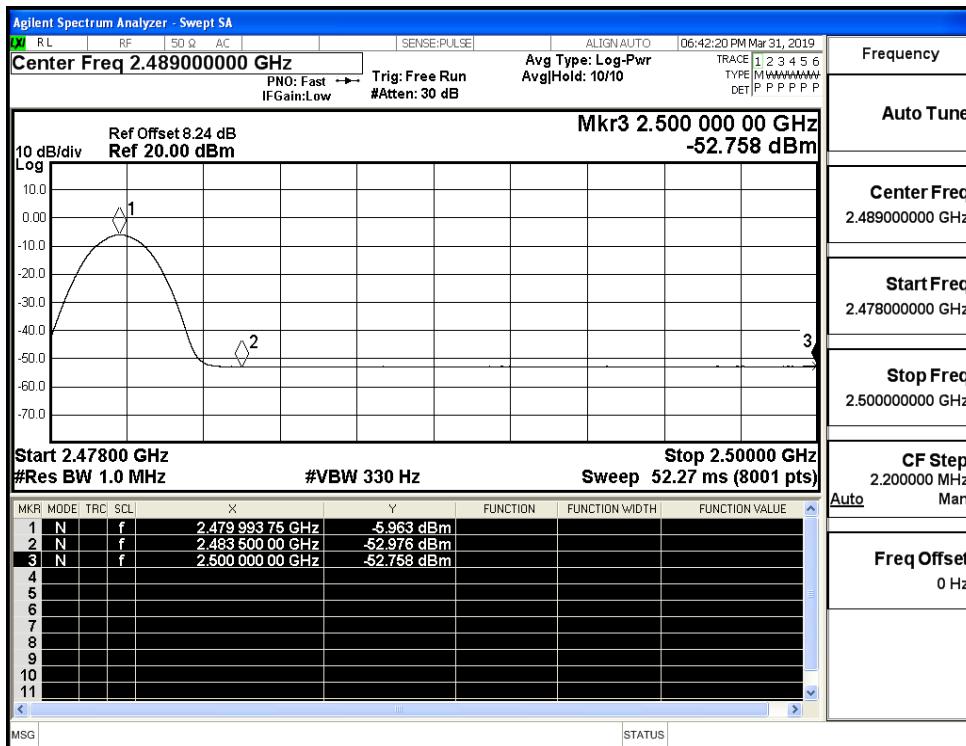
Restrict-band band-edge measurements\_Hopping Off  $\pi/4$ -DQPSK\_Average (Low Channel)



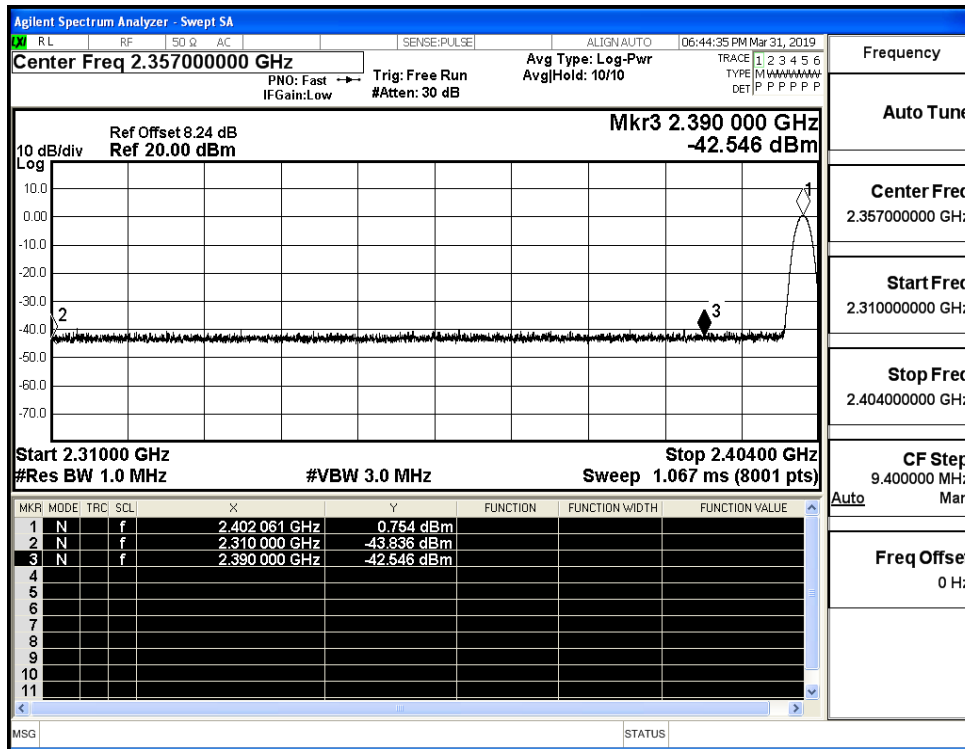
Restrict-band band-edge measurements\_Hopping Off  $\pi/4$ -DQPSK\_PEAK (High Channel)



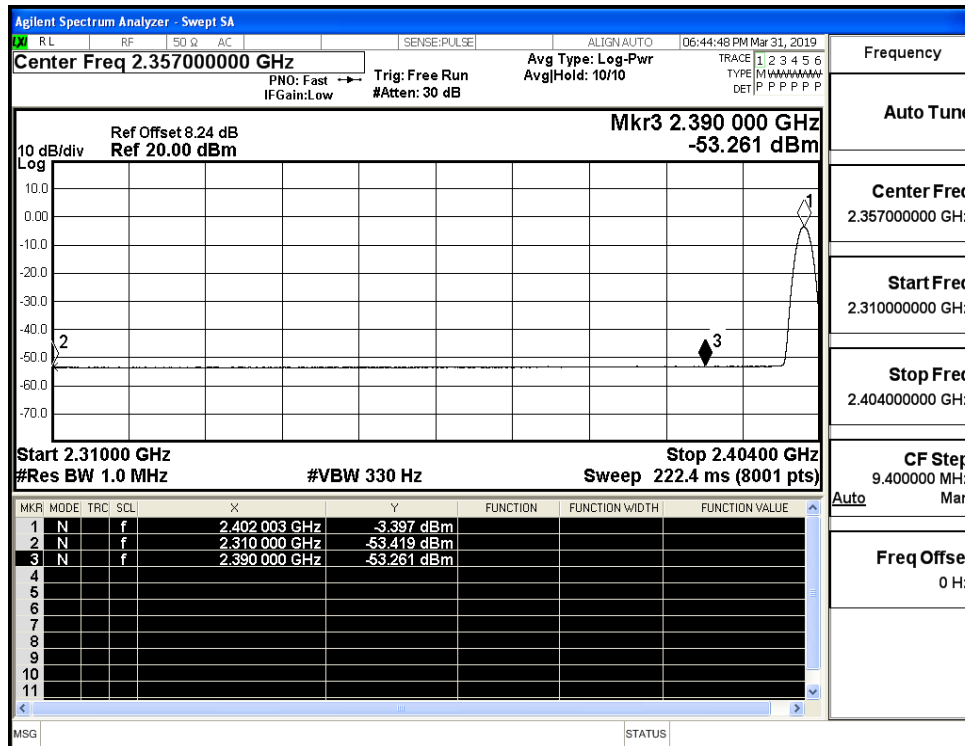
Restrict-band band-edge measurements\_Hopping Off  $\pi/4$ -DQPSK\_Average (High Channel)



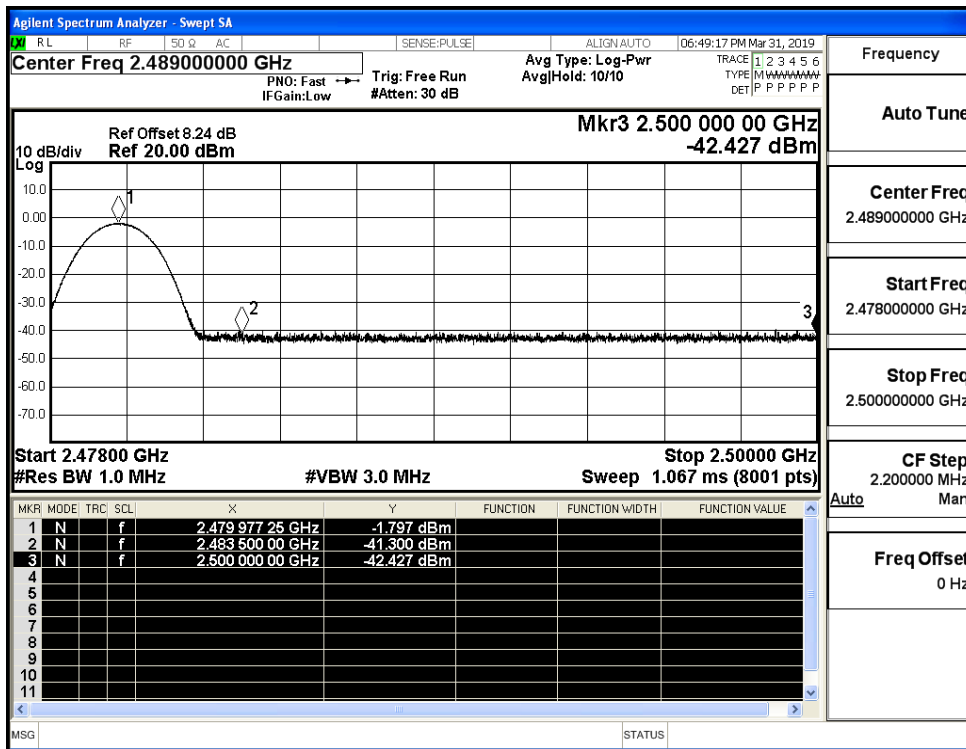
Restrict-band band-edge measurements\_Hopping Off\_8DPSK\_PEAK (Low Channel)



Restrict-band band-edge measurements\_Hopping Off\_8DPSK\_Average (Low Channel)



Restrict-band band-edge measurements\_Hopping Off\_8DPSK\_PEAK (High Channel)



Restrict-band band-edge measurements\_Hopping Off\_8DPSK\_Average (High Channel)

