

**Appendix A**  
**RF Test Data for BT V4.2(DSS) (Conducted Measurement)**  
**Product Name: Bluetooth Speaker**  
**Trade Mark: Origaudio**  
**Test Model: THUMPAH**

**Environmental Conditions**

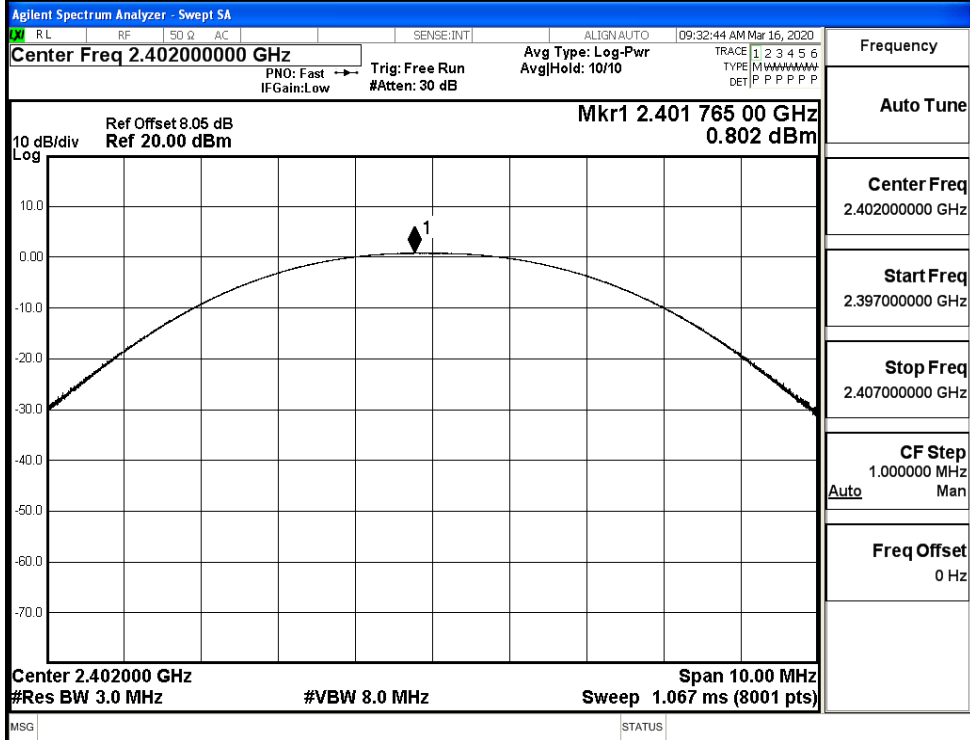
|                    |           |
|--------------------|-----------|
| Temperature:       | 22.3 ° C  |
| Relative Humidity: | 53.0%     |
| ATM Pressure:      | 100.0 kPa |
| Test Engineer:     | Qu Xin    |
| Supervised by:     | Tom Liu   |

**A.1 Maxmum Conducted Peak Output Power**

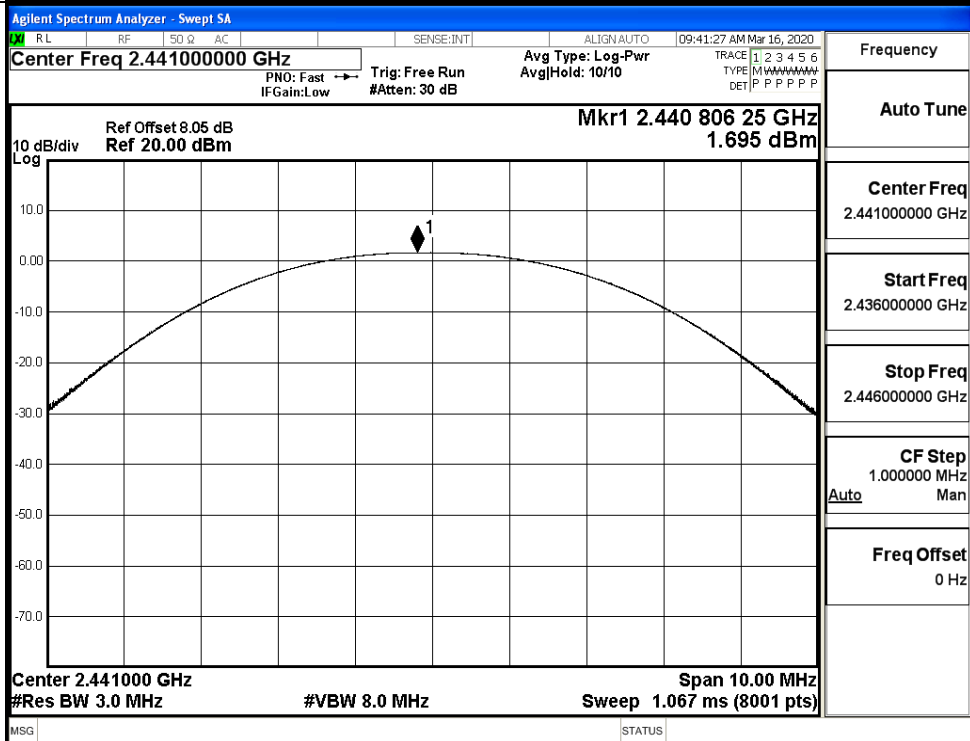
| Mode          | Channel. | Maximum Peak Output Power [dBm] | Limit [dBm] | Verdict |
|---------------|----------|---------------------------------|-------------|---------|
| GFSK          | LCH      | 0.802                           | 30          | PASS    |
|               | MCH      | 1.695                           | 30          | PASS    |
|               | HCH      | -0.048                          | 30          | PASS    |
| $\pi/4$ DQPSK | LCH      | 0.759                           | 21          | PASS    |
|               | MCH      | 1.705                           | 21          | PASS    |
|               | HCH      | -0.087                          | 21          | PASS    |
| 8DPSK         | LCH      | 1.086                           | 21          | PASS    |
|               | MCH      | 0.628                           | 21          | PASS    |
|               | HCH      | 0.214                           | 21          | PASS    |

Test Graphs

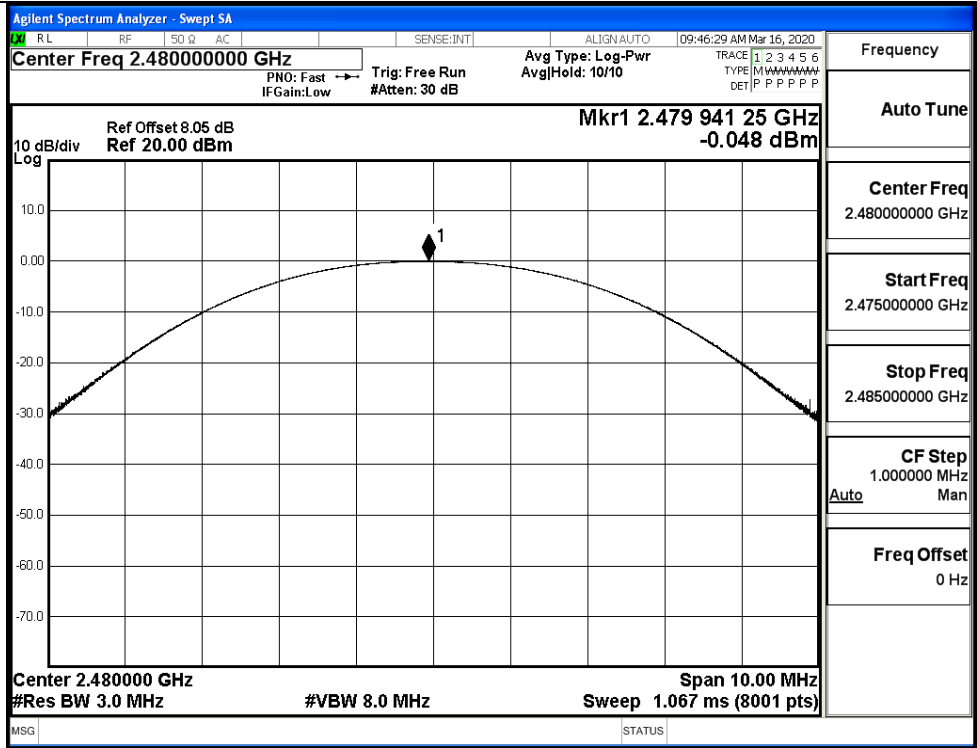
GFSK/LCH



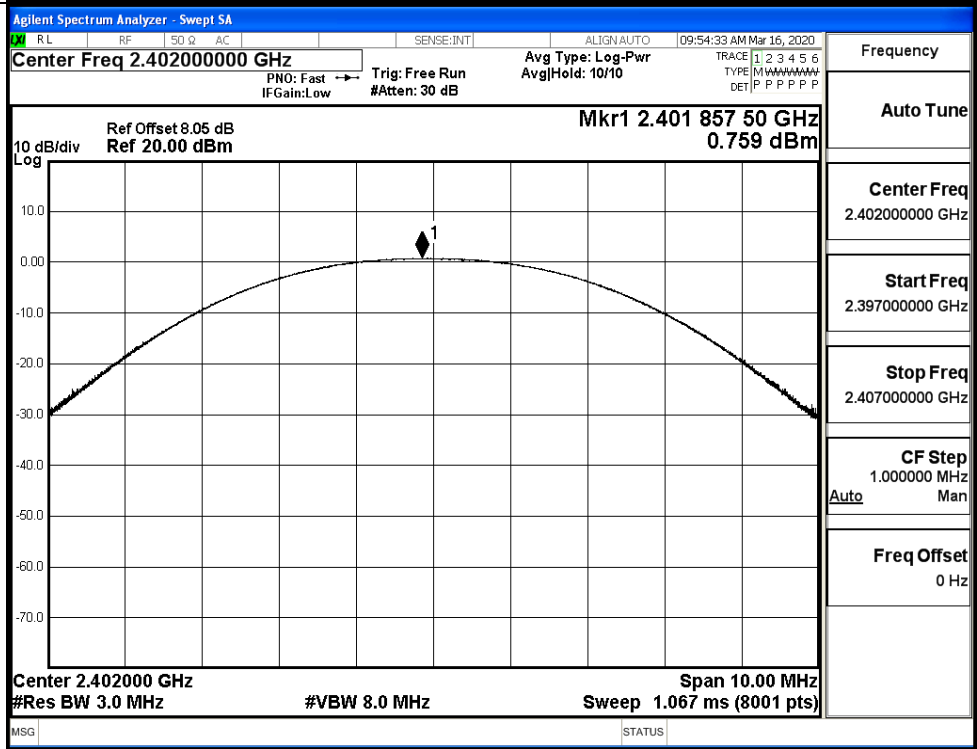
GFSK/MCH



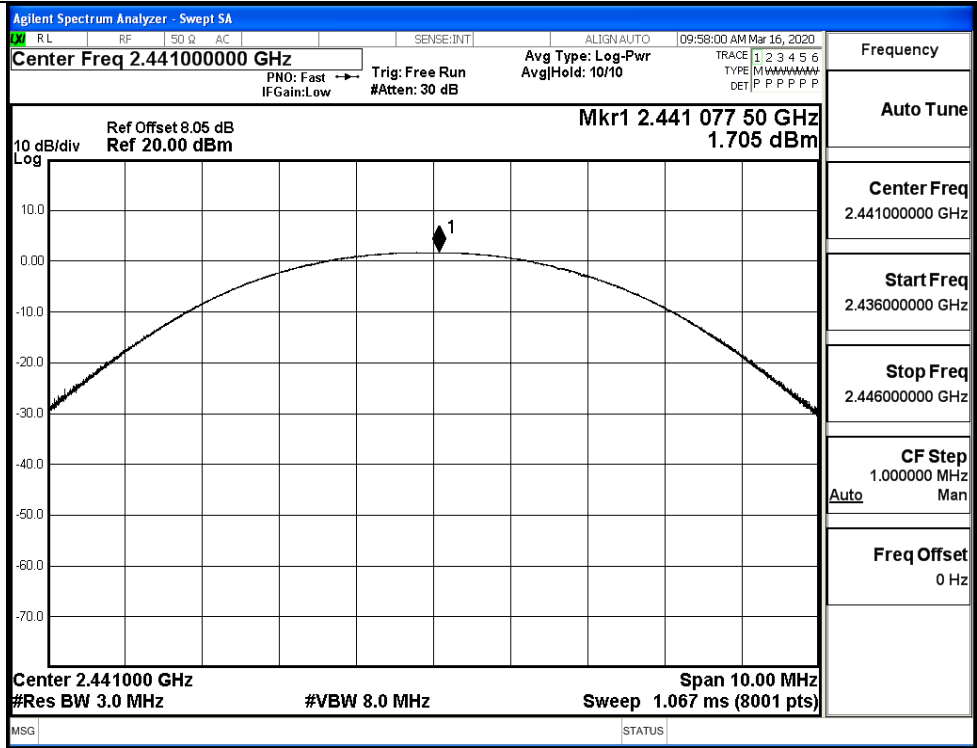
GFSK/HCH



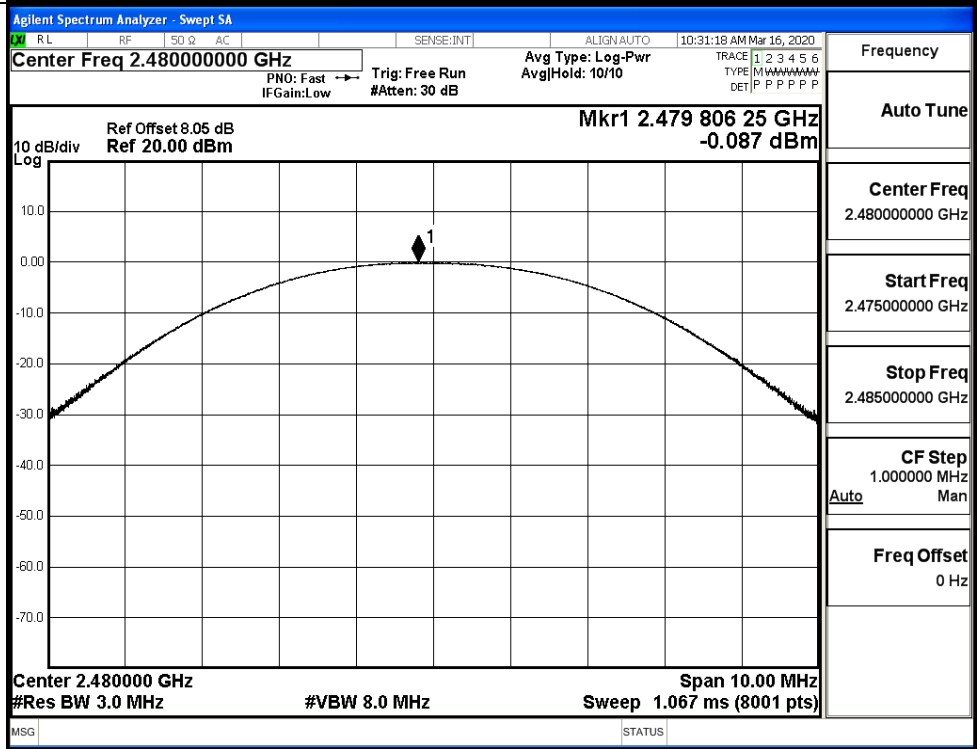
$\pi/4$ DQPSK/LCH



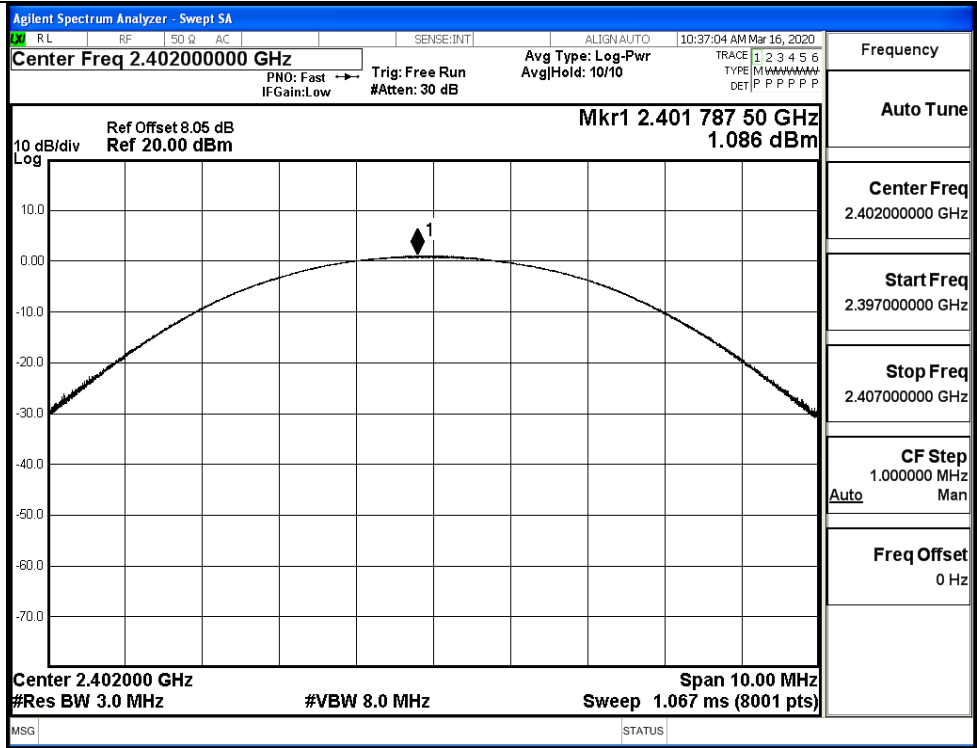
$\pi/4$ DQPSK/MCH



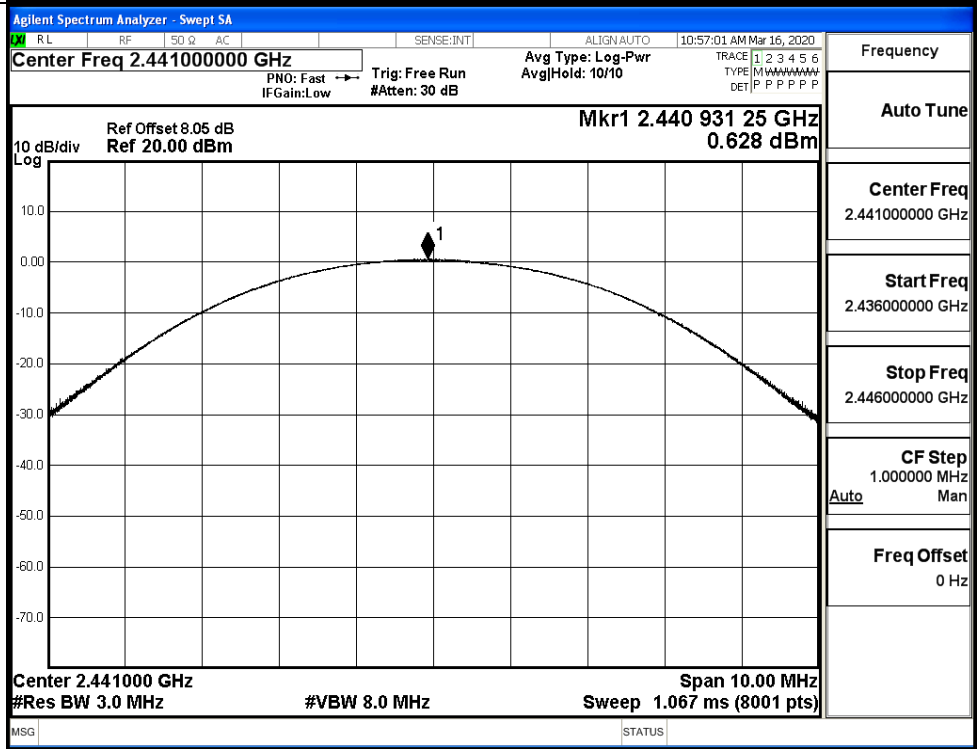
$\pi/4$ DQPSK/HCH



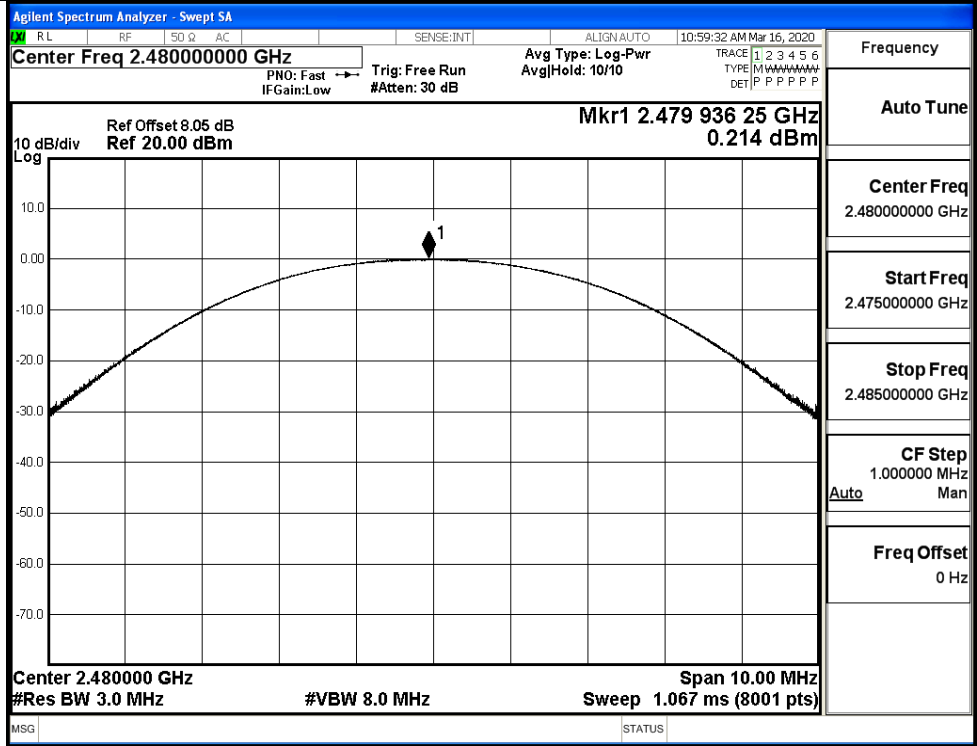
8DPSK/LCH



8DPSK/MCH

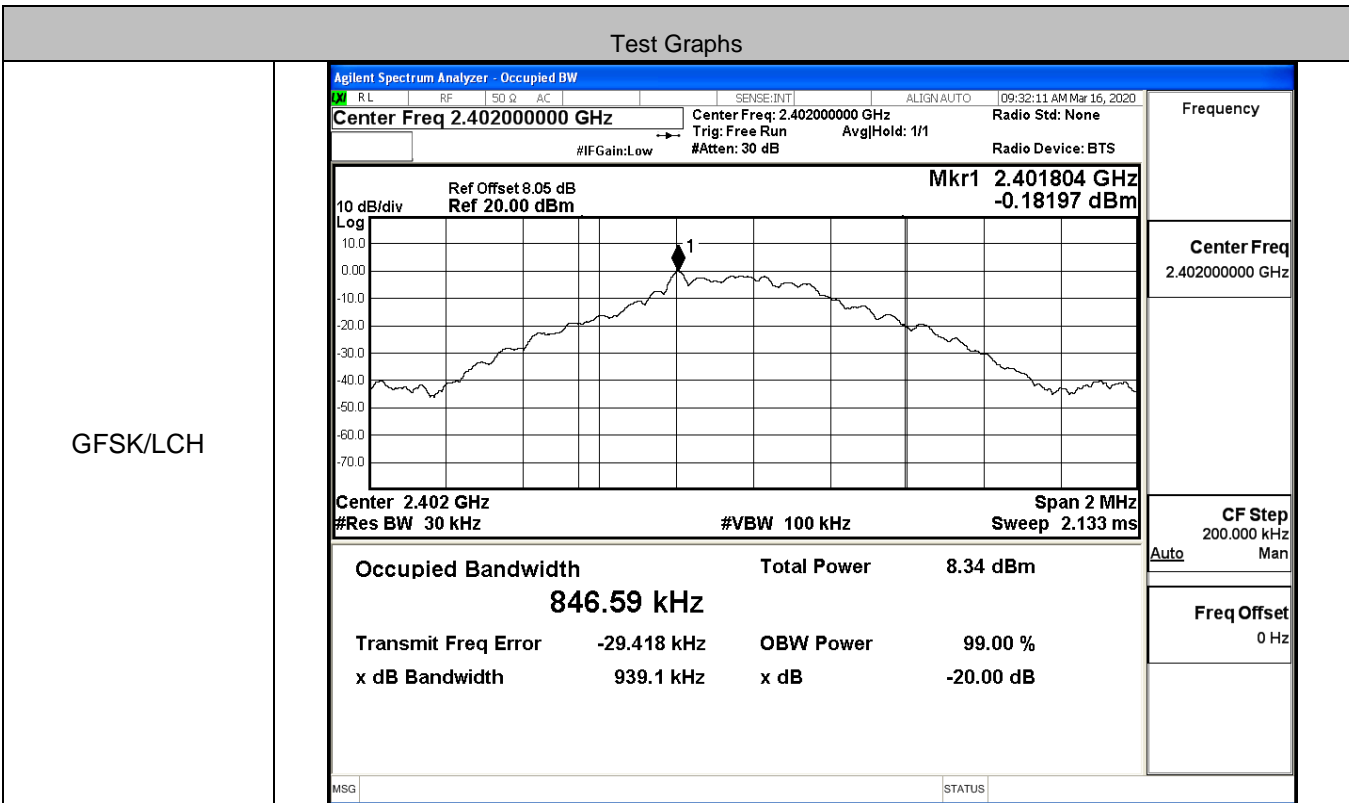


8DPSK/HCH

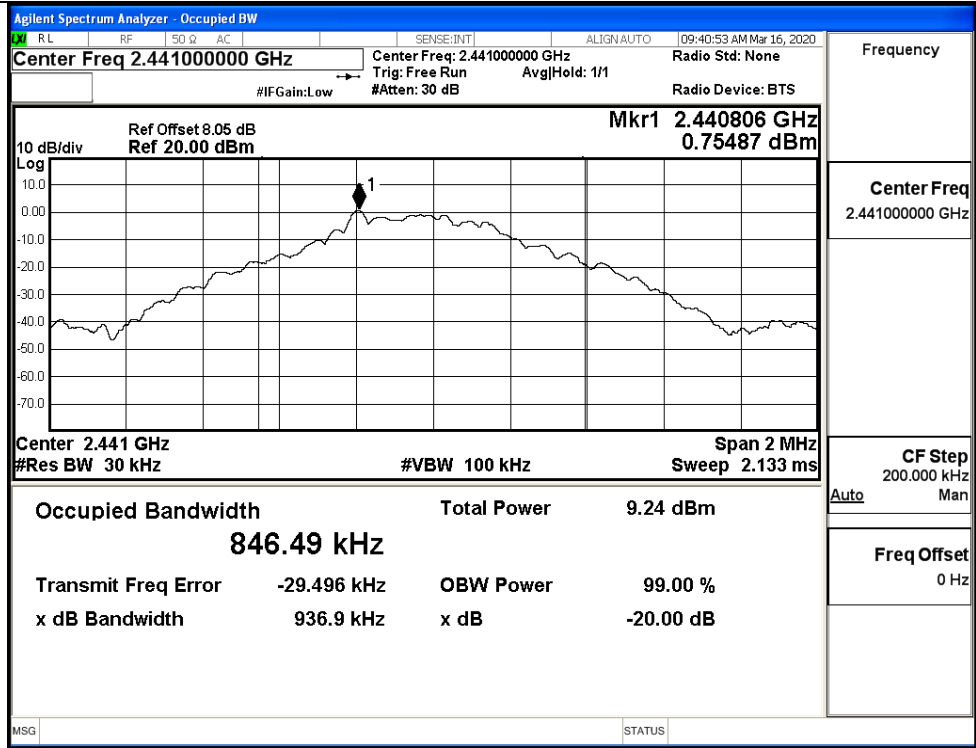


**A.2 20dB Bandwidth**

| Mode          | Channel. | 20dB Bandwidth [MHz] | Limit [MHz]   | Verdict |
|---------------|----------|----------------------|---------------|---------|
| GFSK          | LCH      | 0.9391               | Not Specified | PASS    |
|               | MCH      | 0.9369               | Not Specified | PASS    |
|               | HCH      | 0.9391               | Not Specified | PASS    |
| $\pi/4$ DQPSK | LCH      | 1.258                | Not Specified | PASS    |
|               | MCH      | 1.263                | Not Specified | PASS    |
|               | HCH      | 1.265                | Not Specified | PASS    |
| 8DPSK         | LCH      | 1.244                | Not Specified | PASS    |
|               | MCH      | 1.242                | Not Specified | PASS    |
|               | HCH      | 1.242                | Not Specified | PASS    |

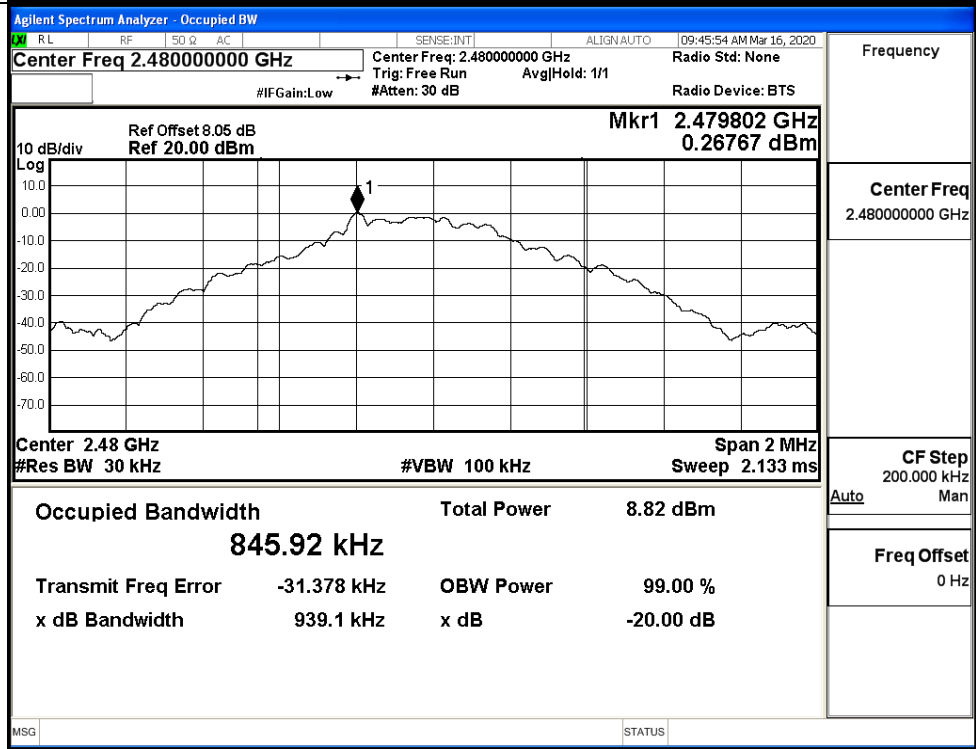


GFSK/MCH



|             |                 |
|-------------|-----------------|
| Frequency   | 2.441000000 GHz |
| Center Freq | 2.441000000 GHz |
| CF Step     | 200.000 kHz     |
| Auto        | Man             |
| Freq Offset | 0 Hz            |

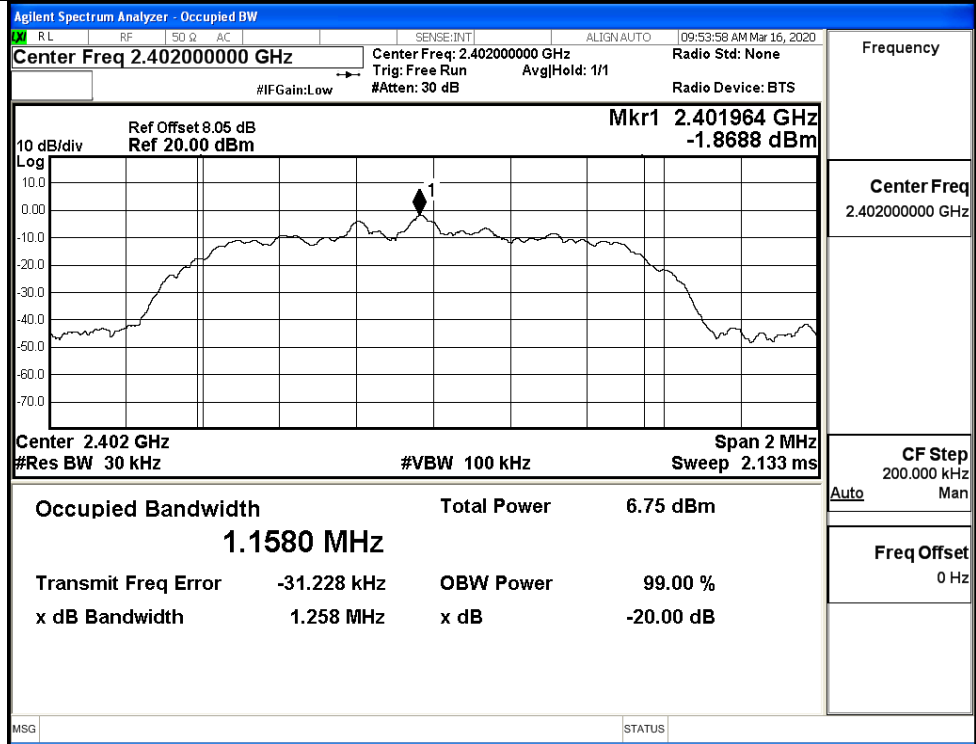
GFSK/HCH



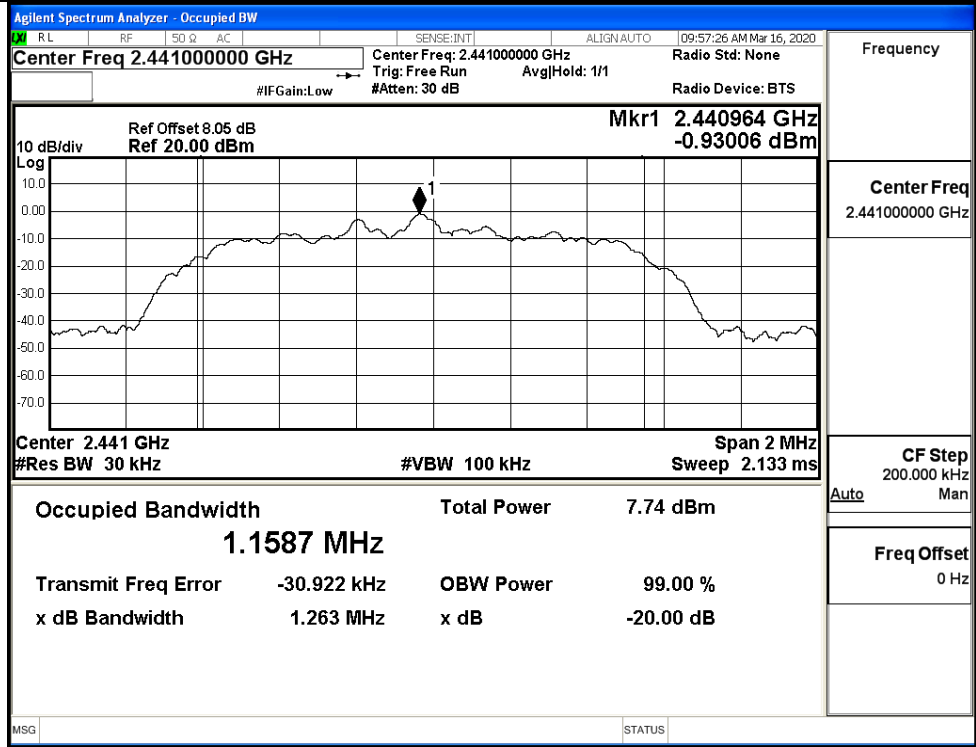
|             |                 |
|-------------|-----------------|
| Frequency   | 2.480000000 GHz |
| Center Freq | 2.480000000 GHz |
| CF Step     | 200.000 kHz     |
| Auto        | Man             |
| Freq Offset | 0 Hz            |



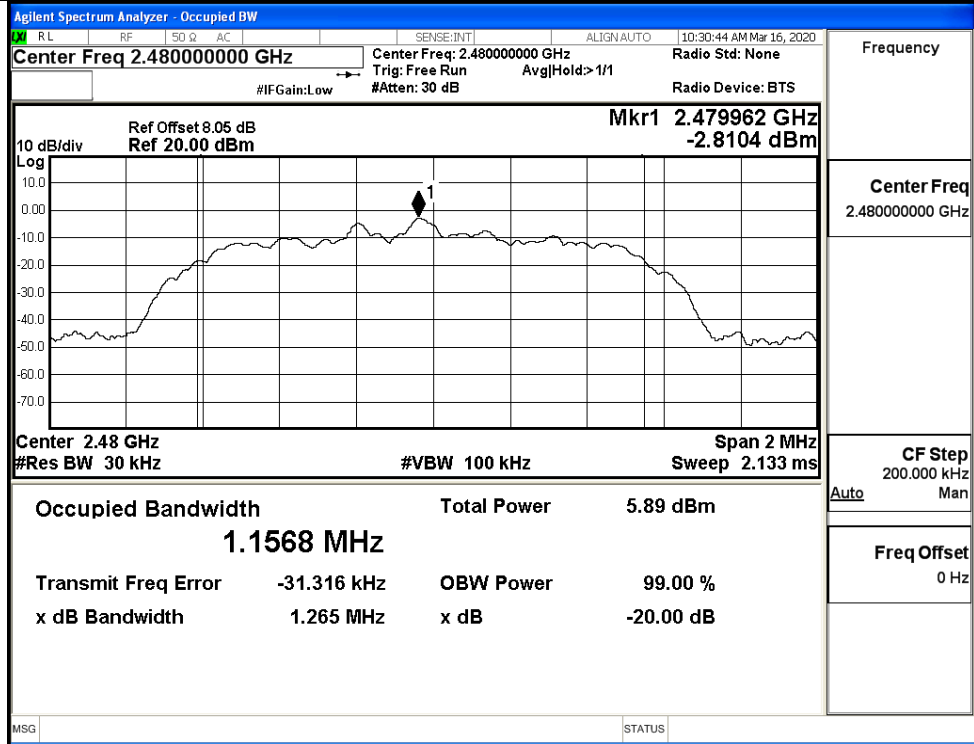
$\pi/4$ DQPSK/LCH



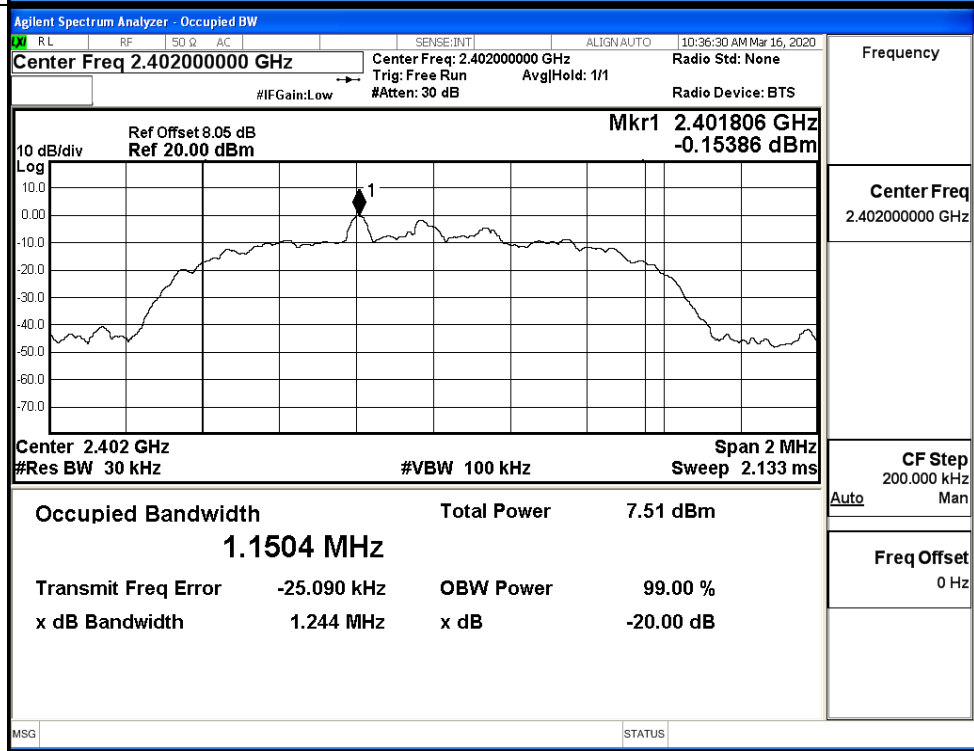
$\pi/4$ DQPSK/MCH



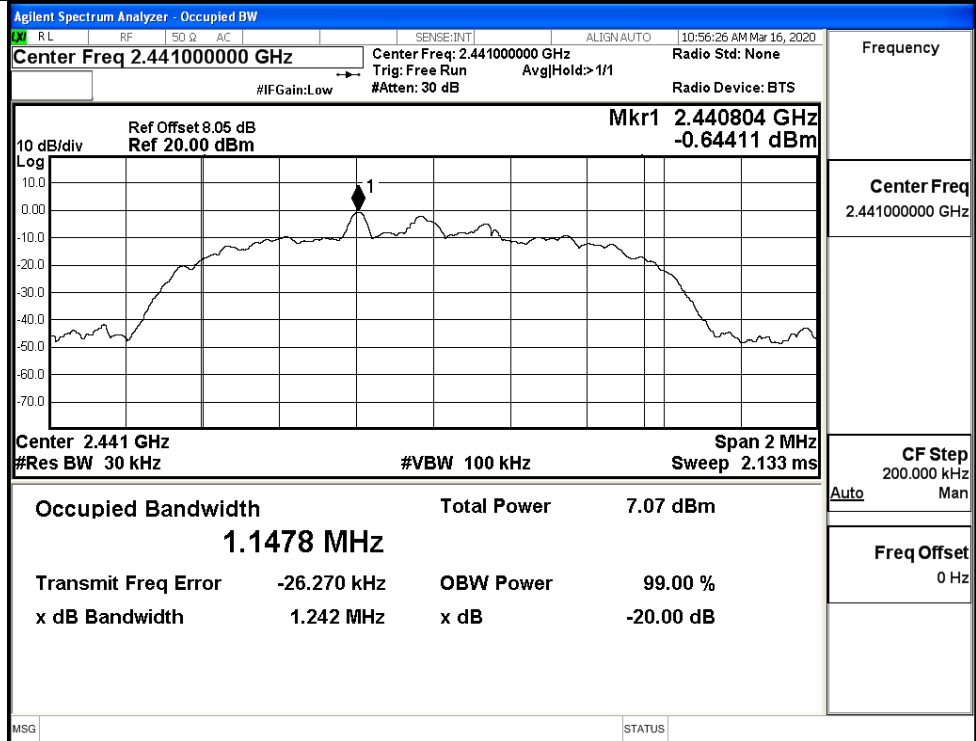
$\pi/4$ DQPSK/HCH



8DPSK/LCH



8DPSK/MCH



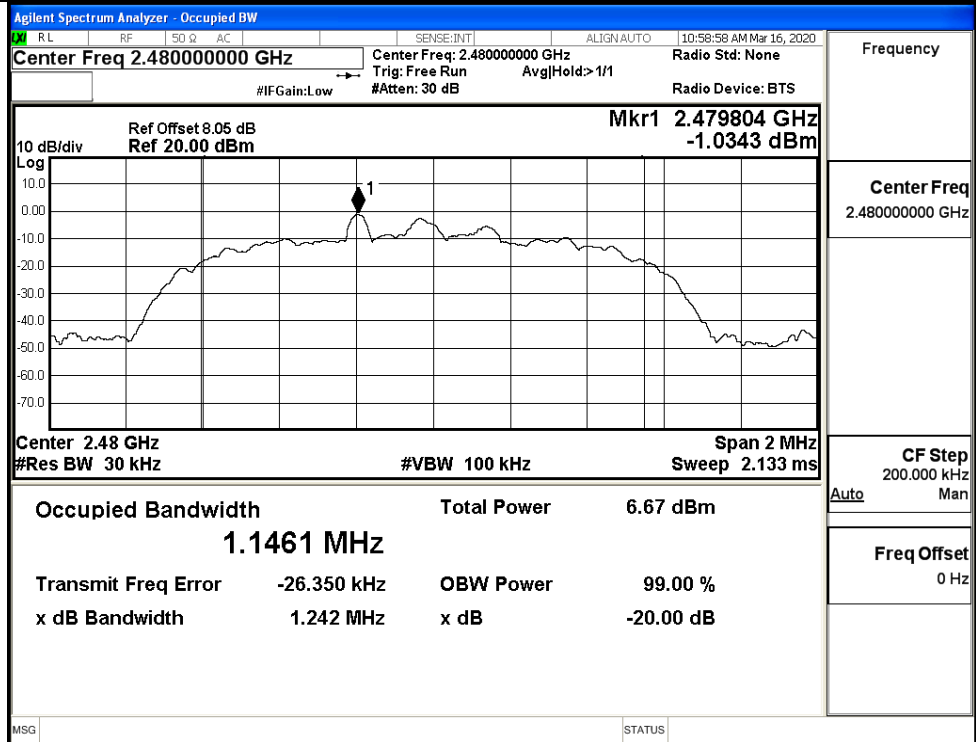
Frequency

Center Freq  
2.441000000 GHz

CF Step  
200.000 kHz

Freq Offset  
0 Hz

8DPSK/HCH



Frequency

Center Freq  
2.480000000 GHz

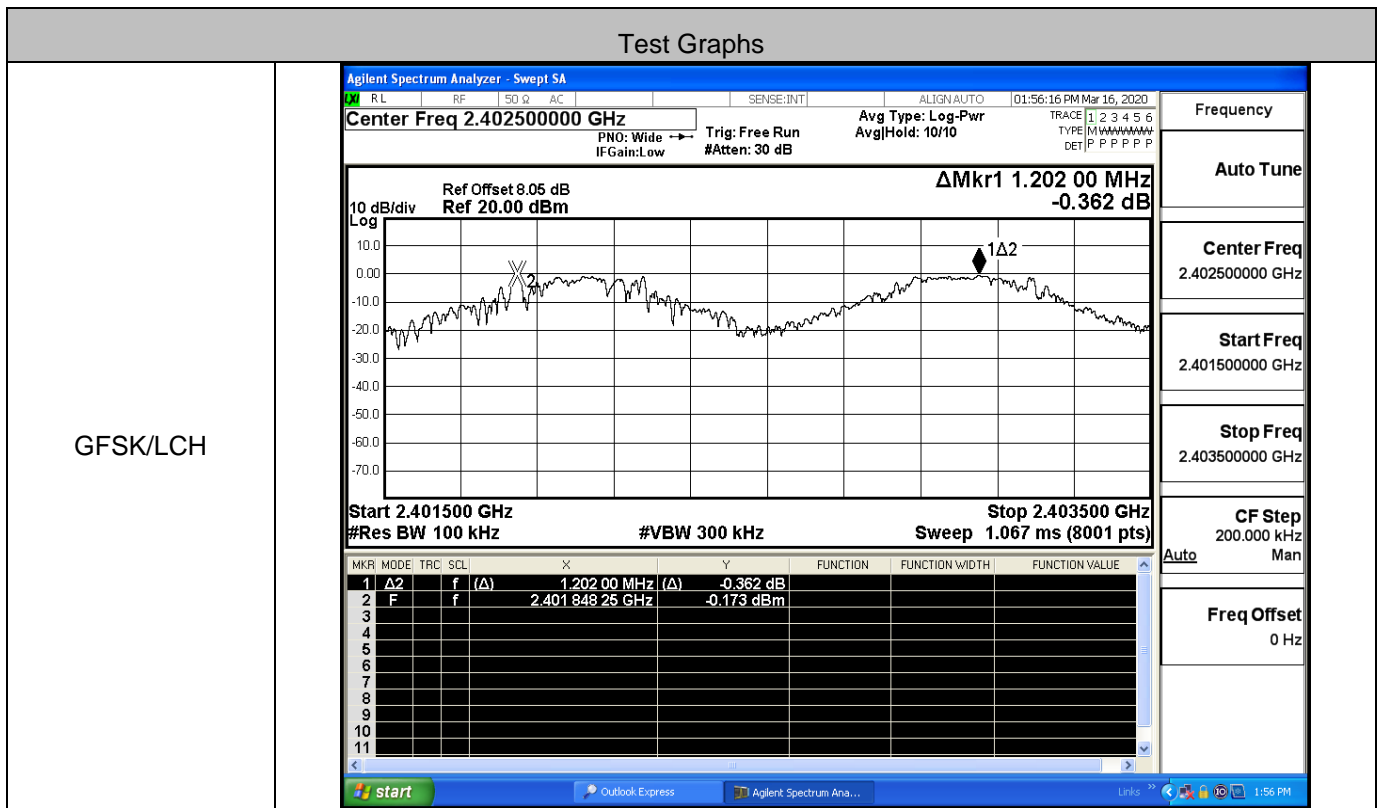
CF Step  
200.000 kHz

Freq Offset  
0 Hz

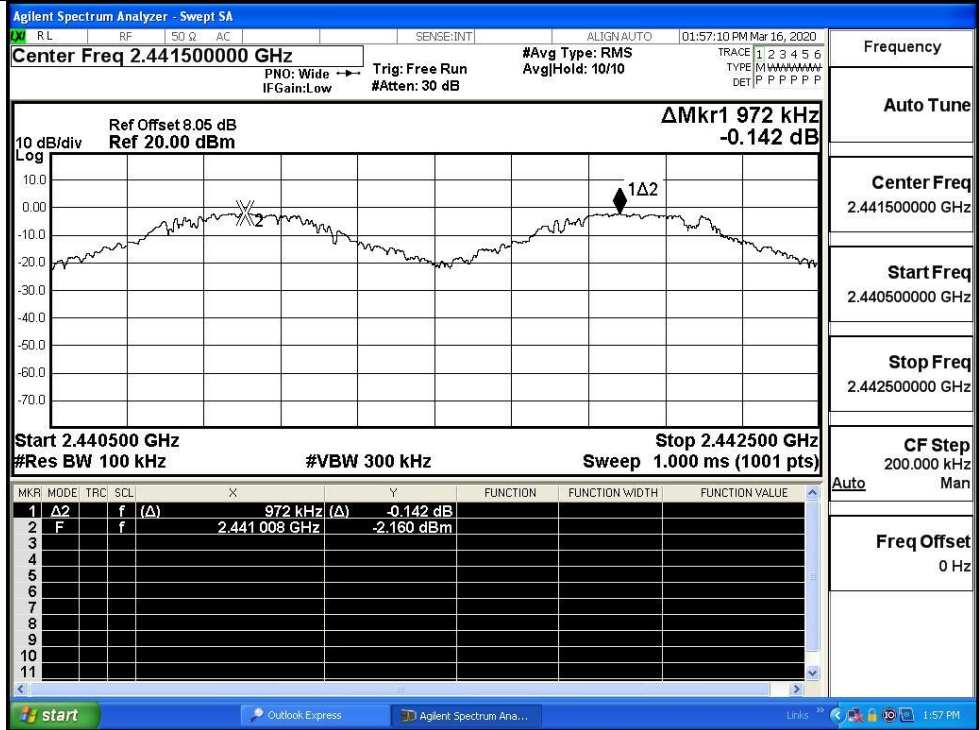
### A.3 Carrier Frequency Separation

| Mode     | Channel. | Carrier Frequency Separation [MHz] | Limit [MHz] | Verdict |
|----------|----------|------------------------------------|-------------|---------|
| GFSK     | LCH      | 1.202                              | 0.633       | PASS    |
|          | MCH      | 0.972                              | 0.633       | PASS    |
|          | HCH      | 0.780                              | 0.633       | PASS    |
| π/4DQPSK | LCH      | 1.194                              | 0.883       | PASS    |
|          | MCH      | 0.974                              | 0.883       | PASS    |
|          | HCH      | 1.220                              | 0.883       | PASS    |
| 8DPSK    | LCH      | 0.948                              | 0.863       | PASS    |
|          | MCH      | 0.992                              | 0.863       | PASS    |
|          | HCH      | 1.006                              | 0.863       | PASS    |

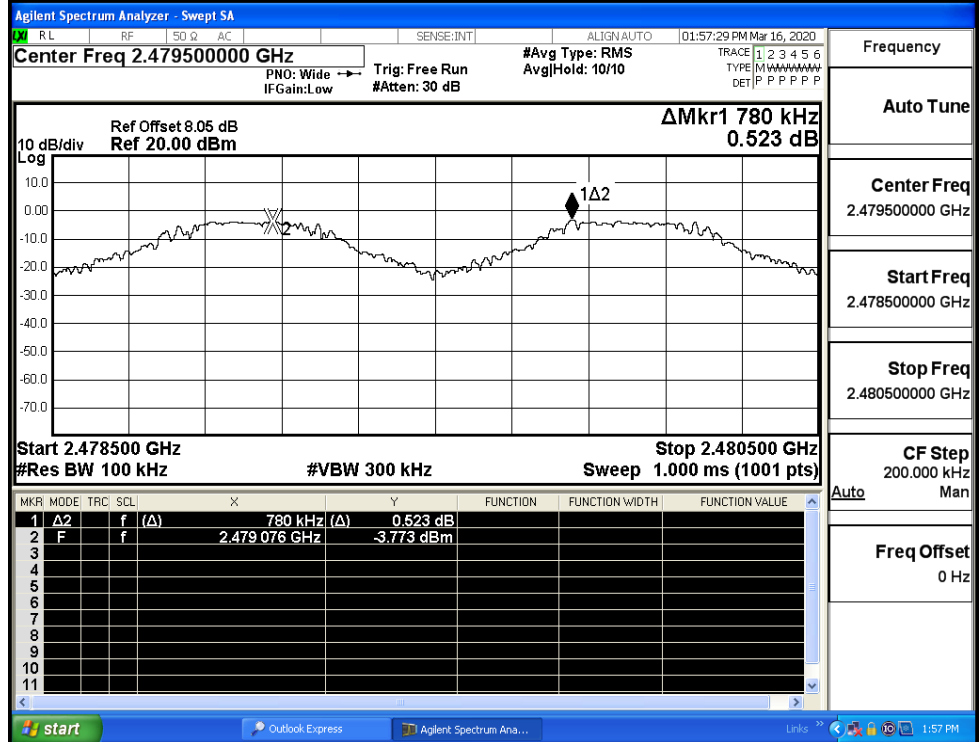
### Test Graphs



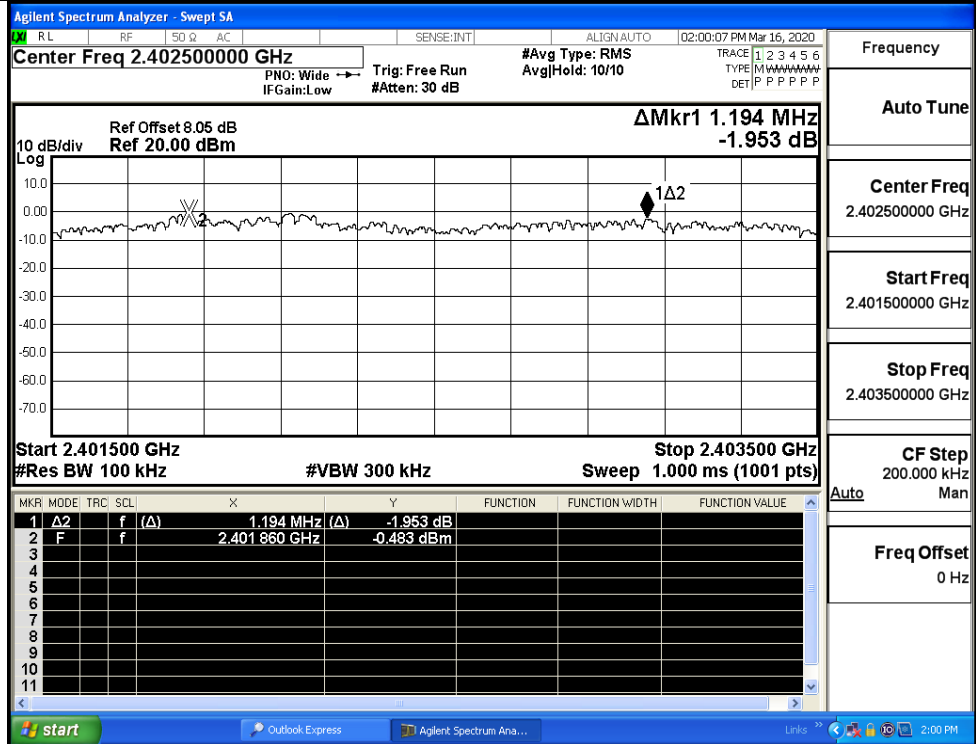
GFSK/MCH



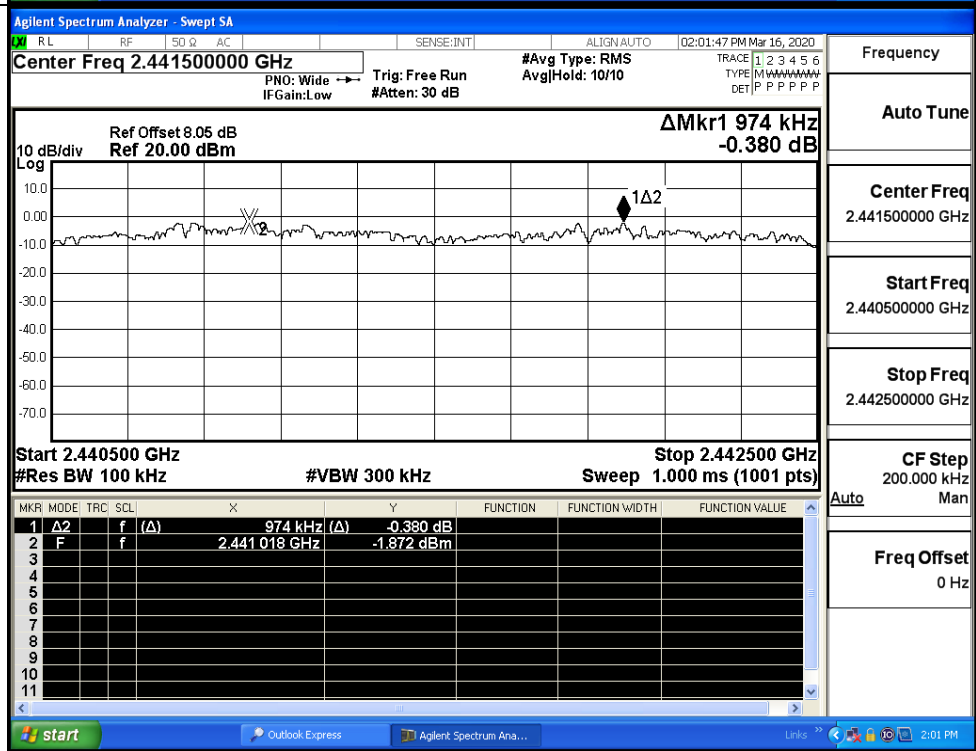
GFSK/HCH



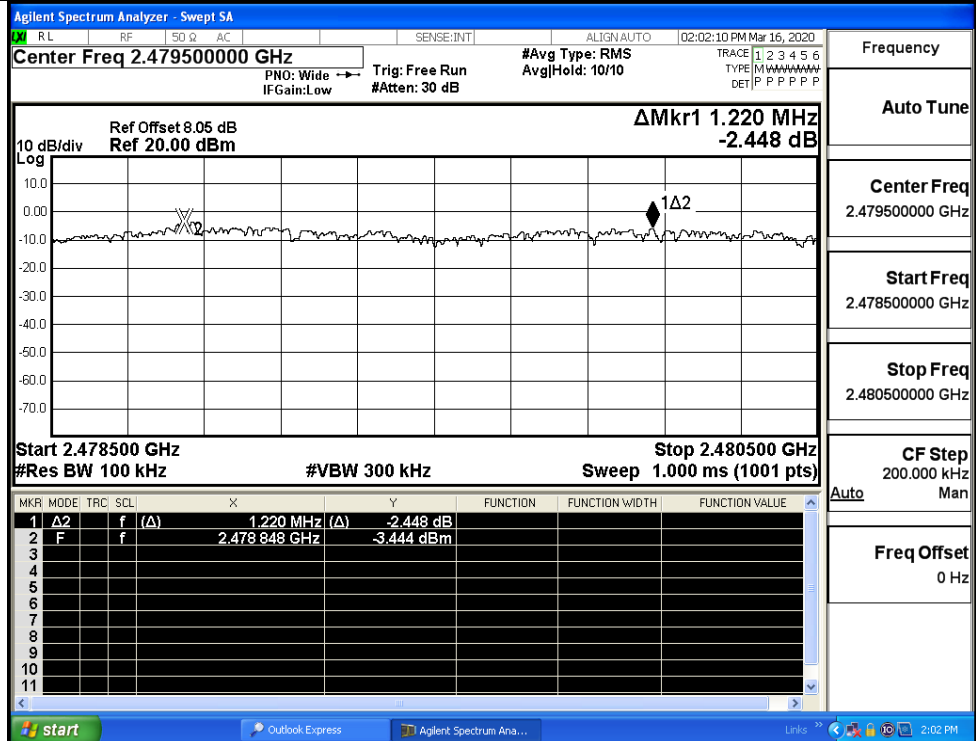
$\pi/4$ DQPSK/LCH



$\pi/4$ DQPSK/MCH

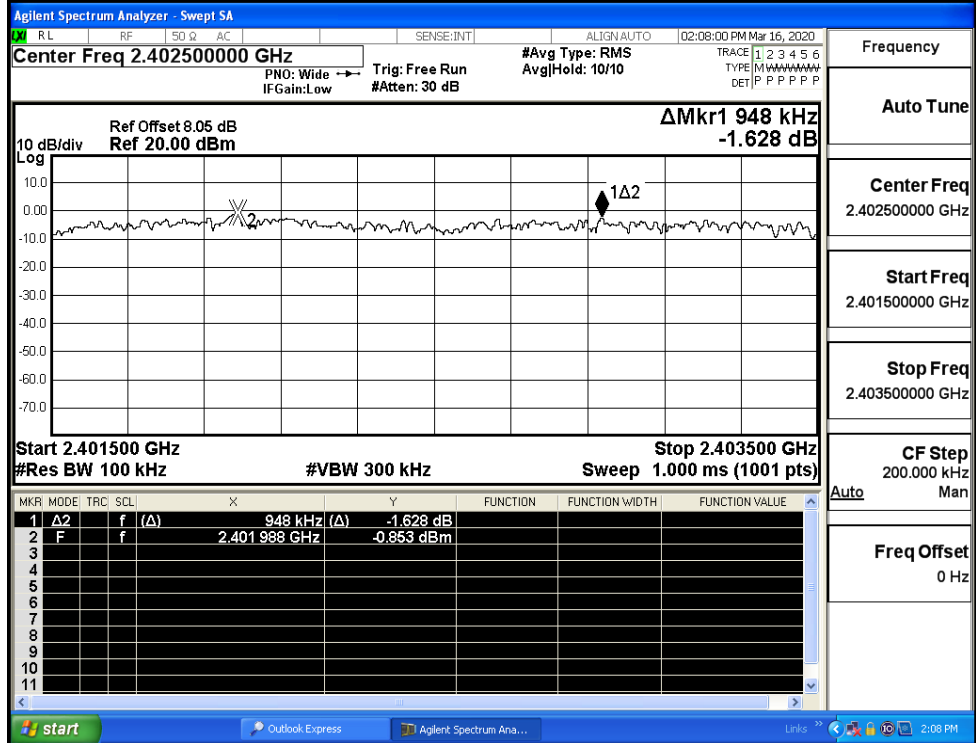


π/4DQPSK/HCH



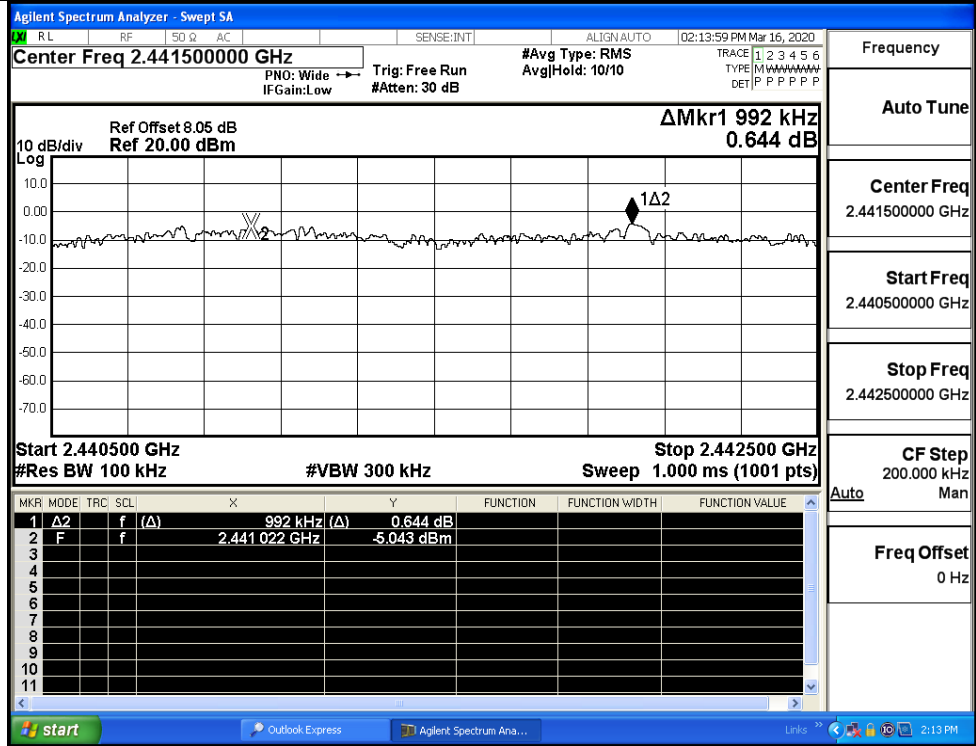
Frequency  
Auto Tune  
Center Freq  
2.479500000 GHz  
Start Freq  
2.478500000 GHz  
Stop Freq  
2.480500000 GHz  
CF Step  
200.000 kHz  
Auto Man  
Freq Offset  
0 Hz

8DPSK/LCH

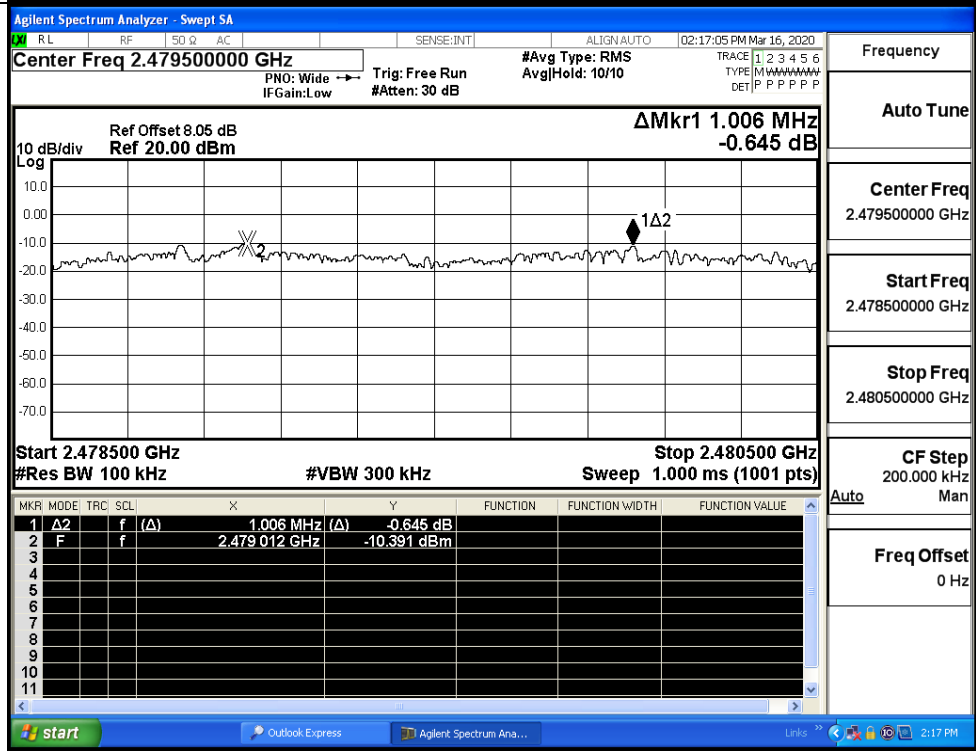


Frequency  
Auto Tune  
Center Freq  
2.402500000 GHz  
Start Freq  
2.401500000 GHz  
Stop Freq  
2.403500000 GHz  
CF Step  
200.000 kHz  
Auto Man  
Freq Offset  
0 Hz

8DPSK/MCH



8DPSK/HCH





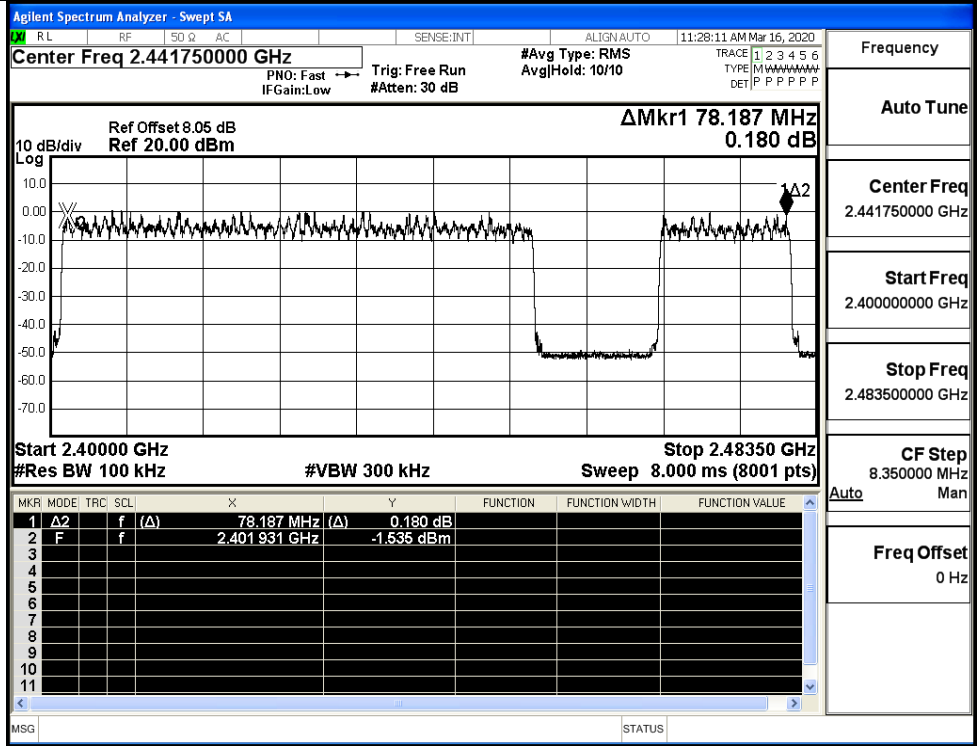
### A.4 Hopping Channel Number

| 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

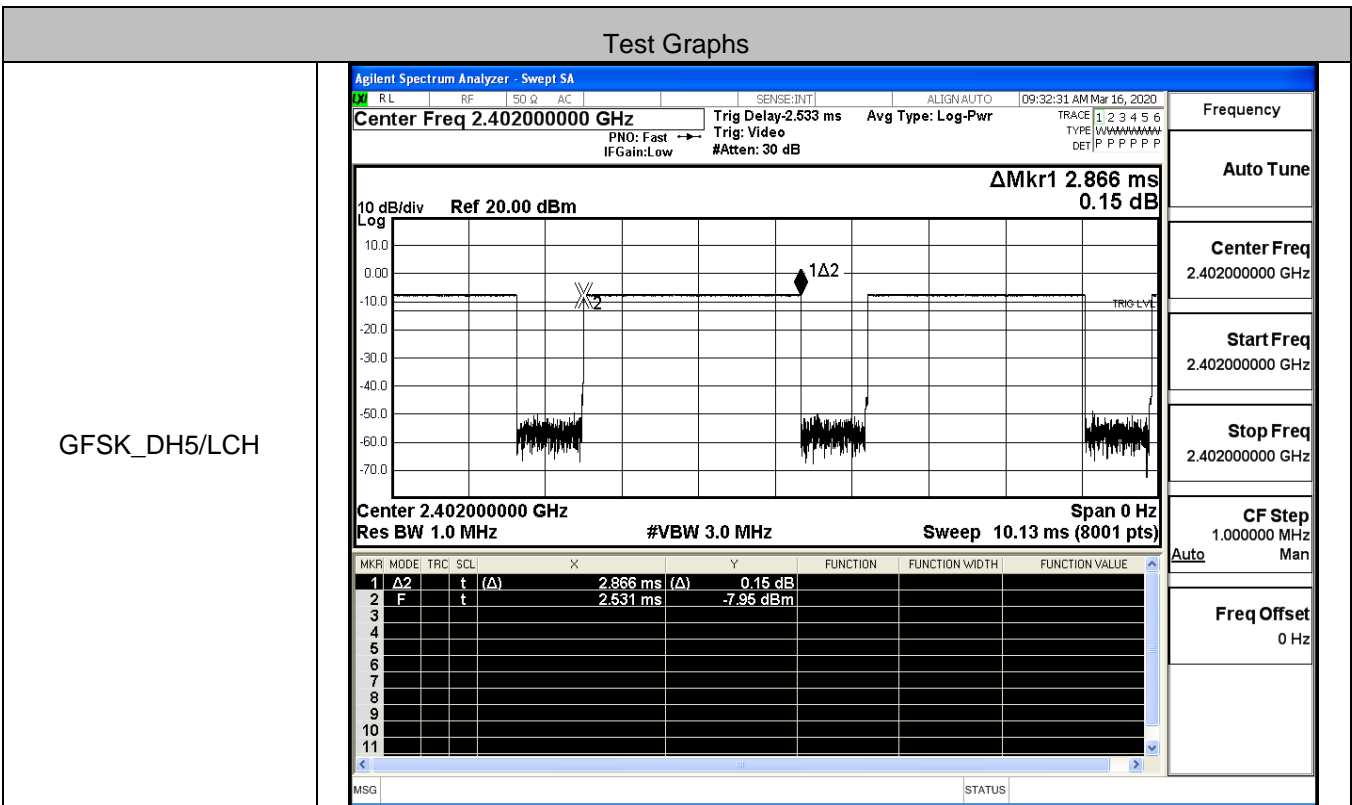
| GFSK/Hop          | <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.441750000 GHz</p> <p>Ref Offset 8.05 dB Ref 20.00 dBm</p> <p><math>\Delta</math>Mkr1 78.146 MHz -1.049 dB</p> <p>Start 2.40000 GHz Stop 2.48350 GHz</p> <p>#Res BW 100 kHz #VBW 300 kHz Sweep 8.000 ms (8001 pts)</p> <table 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><math>\Delta</math>2</td> <td>f</td> <td>(<math>\Delta</math>)</td> <td>78.146 MHz</td> <td>(<math>\Delta</math>)</td> <td>-1.049 dB</td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>F</td> <td>f</td> <td></td> <td>2.401816 GHz</td> <td></td> <td>0.529 dBm</td> <td></td> <td></td> </tr> </tbody> </table> | MKR | MODE         | TRC          | SCL          | X          | Y              | FUNCTION       | FUNCTION WIDTH | FUNCTION VALUE | 1 | $\Delta$ 2 | f | ( $\Delta$ ) | 78.146 MHz | ( $\Delta$ ) | -1.049 dB |  |  | 2 | F | f |  | 2.401816 GHz |  | 0.529 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                 | $\Delta$ 2  | f   | ( $\Delta$ ) | 78.146 MHz   | ( $\Delta$ ) | -1.049 dB  |                |                |                |                |   |            |   |              |            |              |           |  |  |   |   |   |  |              |  |            |  |  |   |
| 2                 | F   | f   |              | 2.401816 GHz |              | 0.529 dBm  |                |                |                |                |   |            |   |              |            |              |           |  |  |   |   |   |  |              |  |            |  |  |   |
| $\pi/4$ DQPSK/Hop | <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.441750000 GHz</p> <p>Ref Offset 8.05 dB Ref 20.00 dBm</p> <p><math>\Delta</math>Mkr1 77.979 MHz 1.858 dB</p> <p>Start 2.40000 GHz Stop 2.48350 GHz</p> <p>#Res BW 100 kHz #VBW 300 kHz 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><math>\Delta</math>2</td> <td>f</td> <td>(<math>\Delta</math>)</td> <td>77.979 MHz</td> <td>(<math>\Delta</math>)</td> <td>1.858 dB</td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>F</td> <td>f</td> <td></td> <td>2.401806 GHz</td> <td></td> <td>-3.828 dBm</td> <td></td> <td></td> </tr> </tbody> </table>  | MKR | MODE         | TRC          | SCL          | X          | Y              | FUNCTION       | FUNCTION WIDTH | FUNCTION VALUE | 1 | $\Delta$ 2 | f | ( $\Delta$ ) | 77.979 MHz | ( $\Delta$ ) | 1.858 dB  |  |  | 2 | F | f |  | 2.401806 GHz |  | -3.828 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                 | $\Delta$ 2  | f   | ( $\Delta$ ) | 77.979 MHz   | ( $\Delta$ ) | 1.858 dB   |                |                |                |                |   |            |   |              |            |              |           |  |  |   |   |   |  |              |  |            |  |  |   |
| 2                 | F   | f   |              | 2.401806 GHz |              | -3.828 dBm |                |                |                |                |   |            |   |              |            |              |           |  |  |   |   |   |  |              |  |            |  |  |   |

8DPSK/Hop

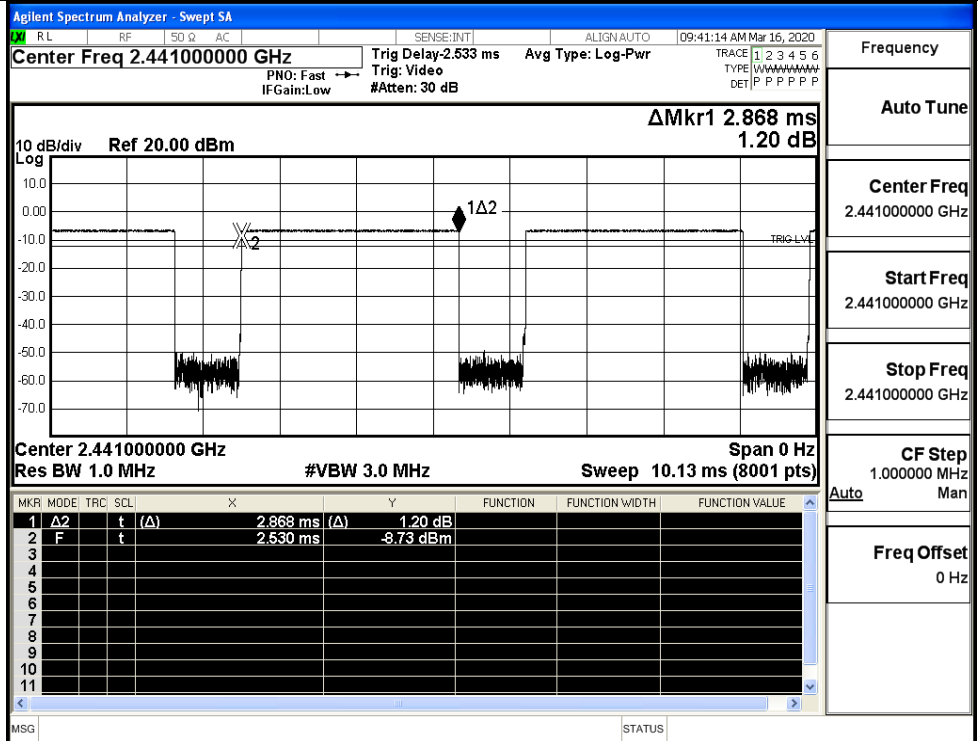


A.5 Dwell Time

| Mode     | Packet | Channel | Burst Width [ms/hop/ch] | Total Hops[hop*ch] | Dwell Time[s] | Limit [s] | Verdict |
|----------|--------|---------|-------------------------|--------------------|---------------|-----------|---------|
| GFSK     | DH5    | LCH     | 2.87                    | 106.7              | 0.306         | 0.4       | PASS    |
|          | DH5    | MCH     | 2.87                    | 106.7              | 0.306         | 0.4       | PASS    |
|          | DH5    | HCH     | 2.87                    | 106.7              | 0.306         | 0.4       | PASS    |
| π/4DQPSK | 2DH5   | LCH     | 2.87                    | 106.7              | 0.307         | 0.4       | PASS    |
|          | 2DH5   | MCH     | 2.87                    | 106.7              | 0.307         | 0.4       | PASS    |
|          | 2DH5   | HCH     | 2.87                    | 106.7              | 0.307         | 0.4       | PASS    |
| 8DPSK    | 3DH5   | LCH     | 2.87                    | 106.7              | 0.307         | 0.4       | PASS    |
|          | 3DH5   | MCH     | 2.87                    | 106.7              | 0.307         | 0.4       | PASS    |
|          | 3DH5   | HCH     | 2.87                    | 106.7              | 0.307         | 0.4       | PASS    |

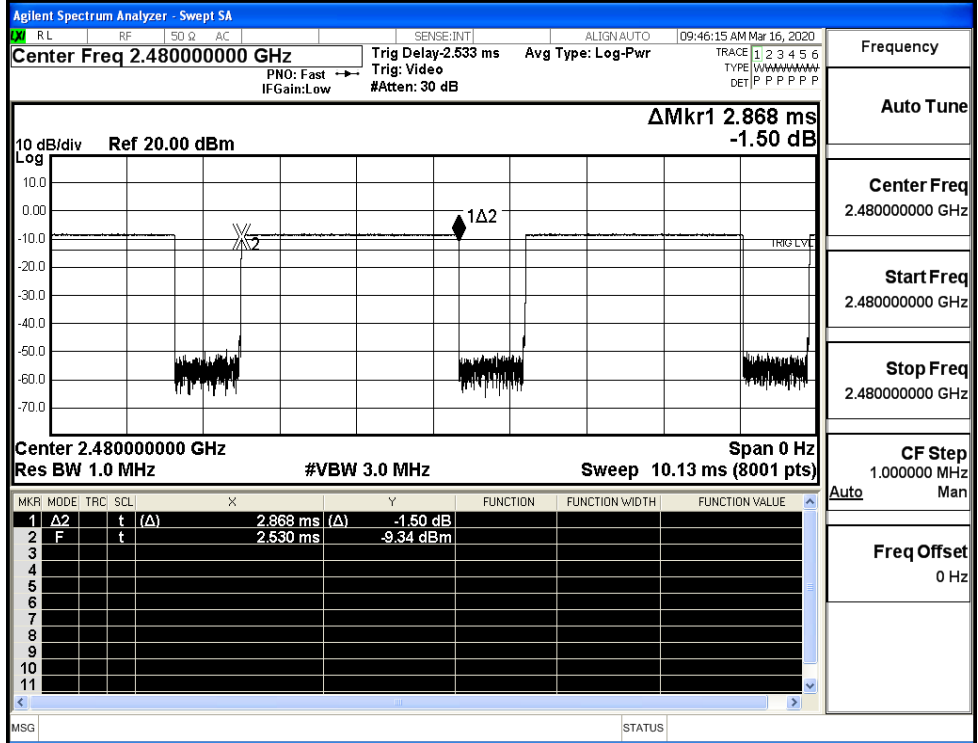


GFSK\_DH5/MCH



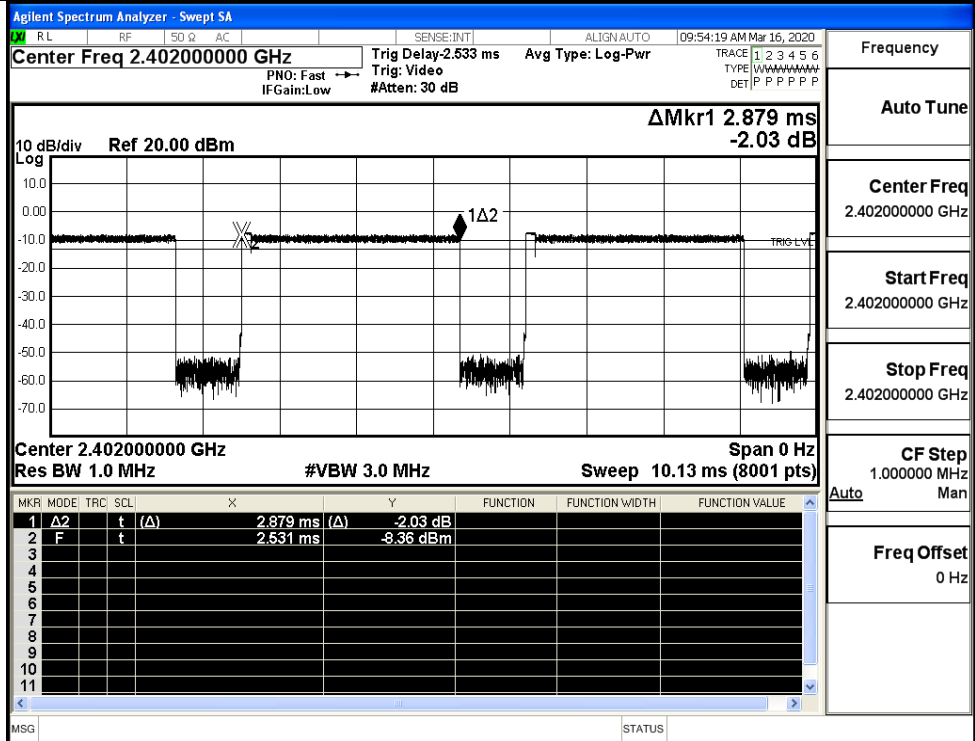
|             |                 |
|-------------|-----------------|
| Frequency   |                 |
| Auto Tune   |                 |
| Center Freq | 2.441000000 GHz |
| Start Freq  | 2.441000000 GHz |
| Stop Freq   | 2.441000000 GHz |
| CF Step     | 1.000000 MHz    |
| Auto        | Man             |
| Freq Offset | 0 Hz            |

GFSK\_DH5/HCH

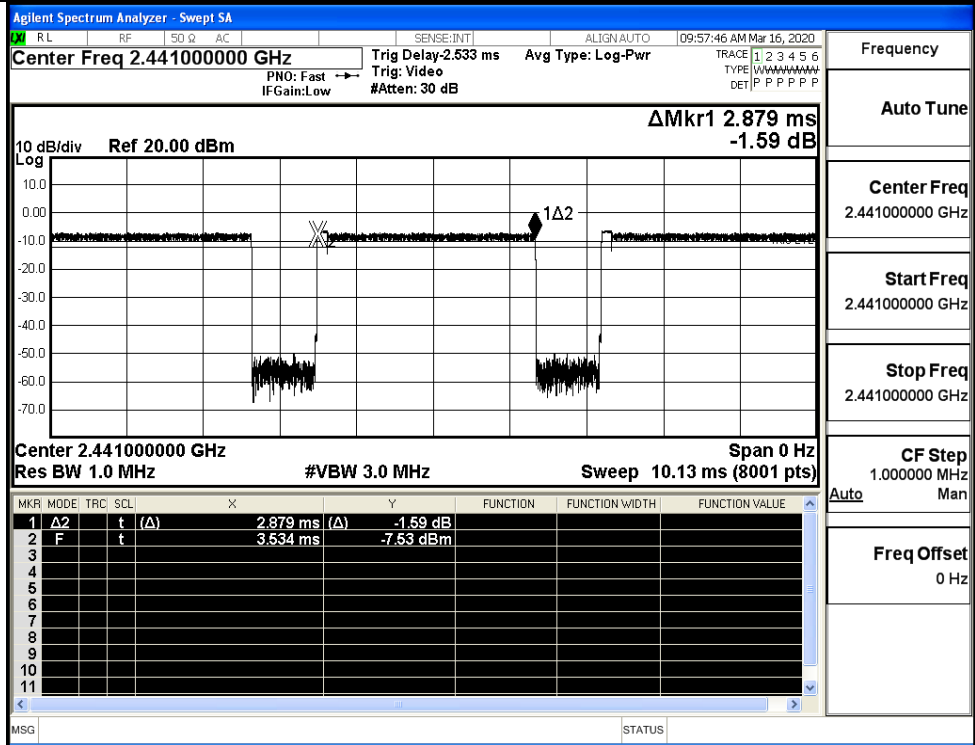


|             |                 |
|-------------|-----------------|
| Frequency   |                 |
| Auto Tune   |                 |
| Center Freq | 2.480000000 GHz |
| Start Freq  | 2.480000000 GHz |
| Stop Freq   | 2.480000000 GHz |
| CF Step     | 1.000000 MHz    |
| Auto        | Man             |
| Freq Offset | 0 Hz            |

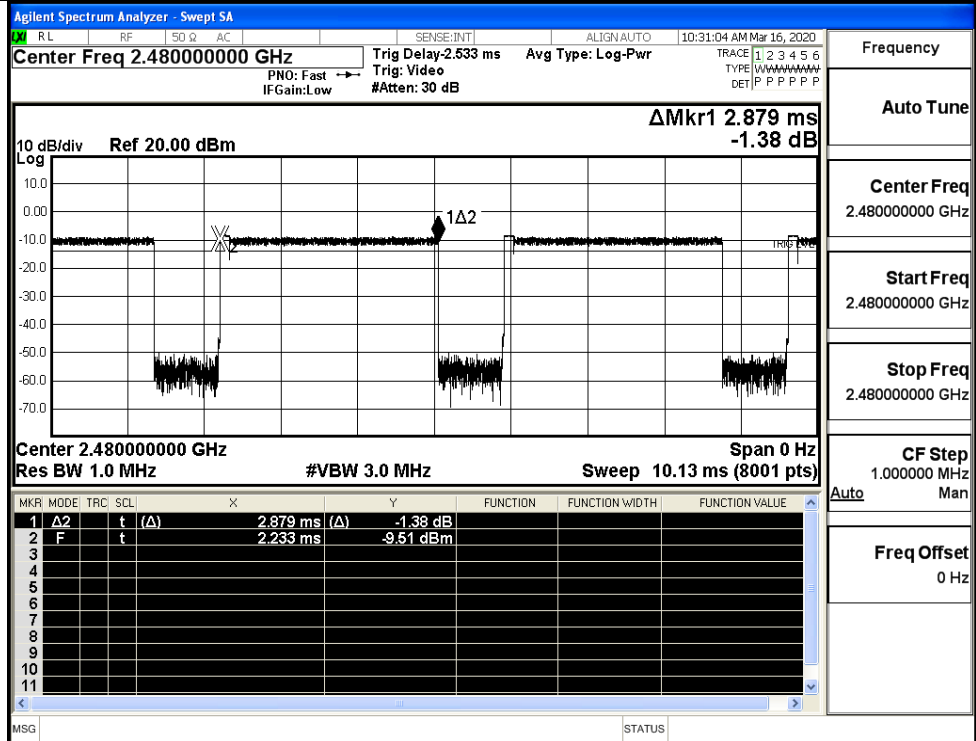
$\pi/4$ DQPSK  
\_2DH5/LCH



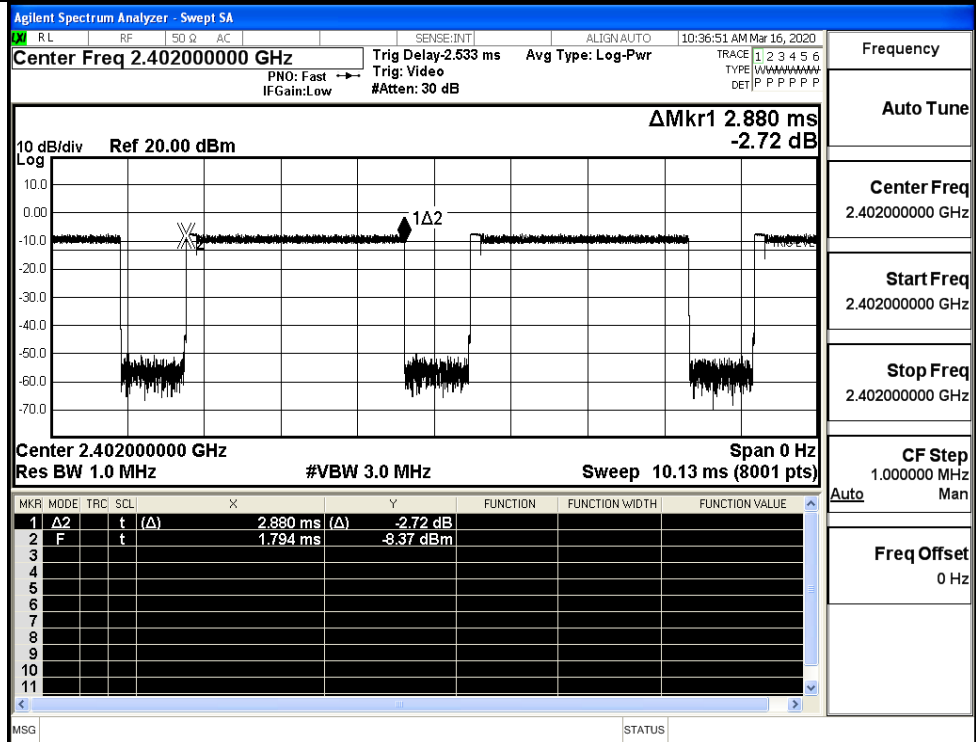
$\pi/4$ DQPSK  
\_2DH5/MCH



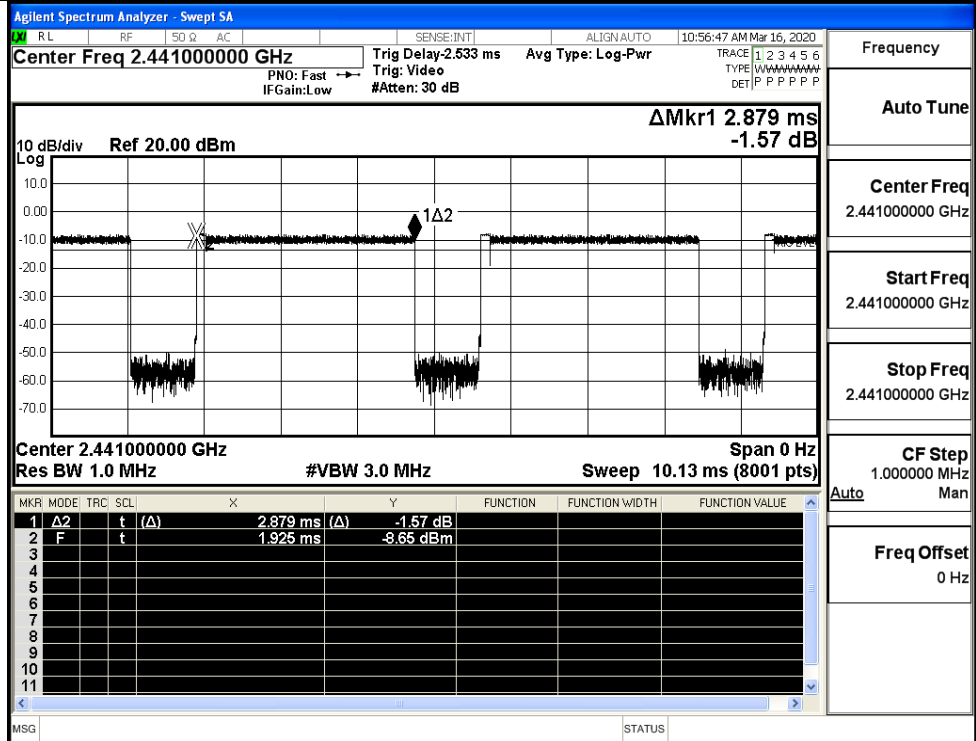
$\pi/4$ DQPSK  
\_2DH5/HCH



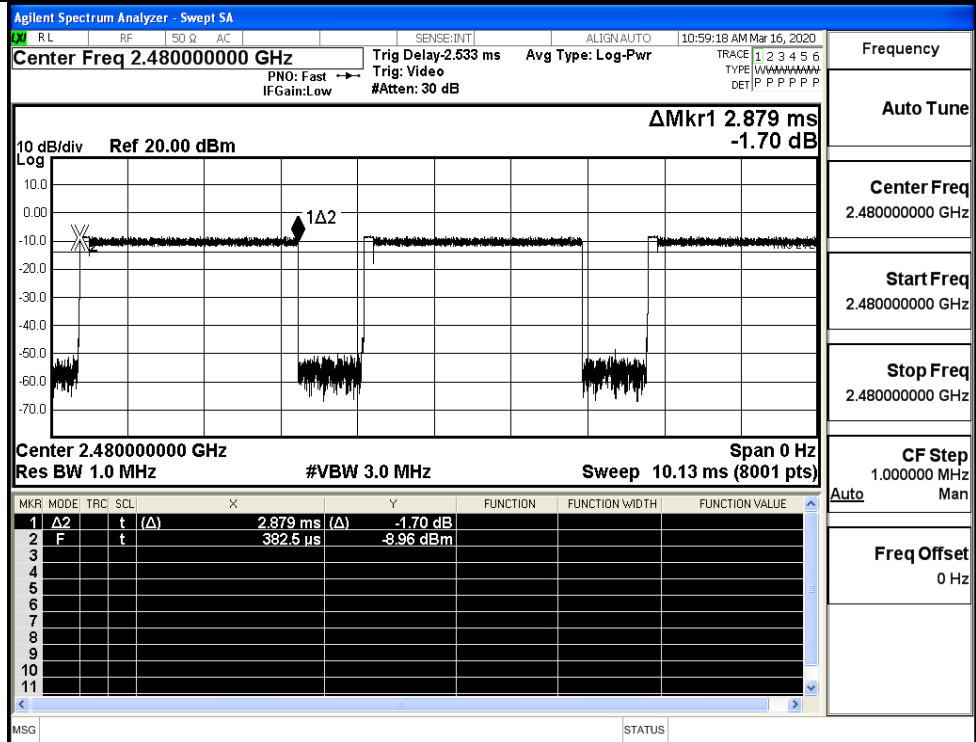
8DPSK\_3DH5/LCH



8DPSK\_3DH5/MCH



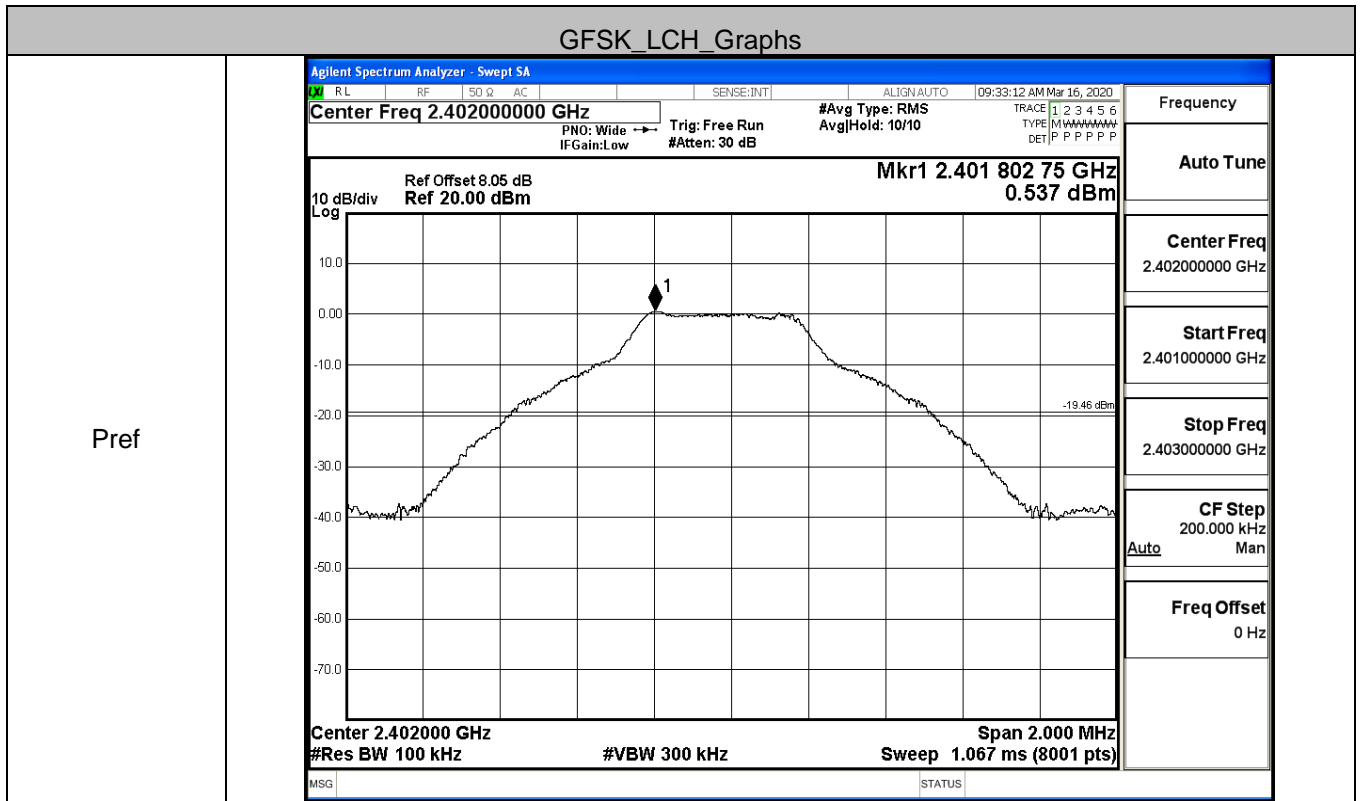
8DPSK\_3DH5/HCH



**A.6 RF Conducted Spurious Emissions**

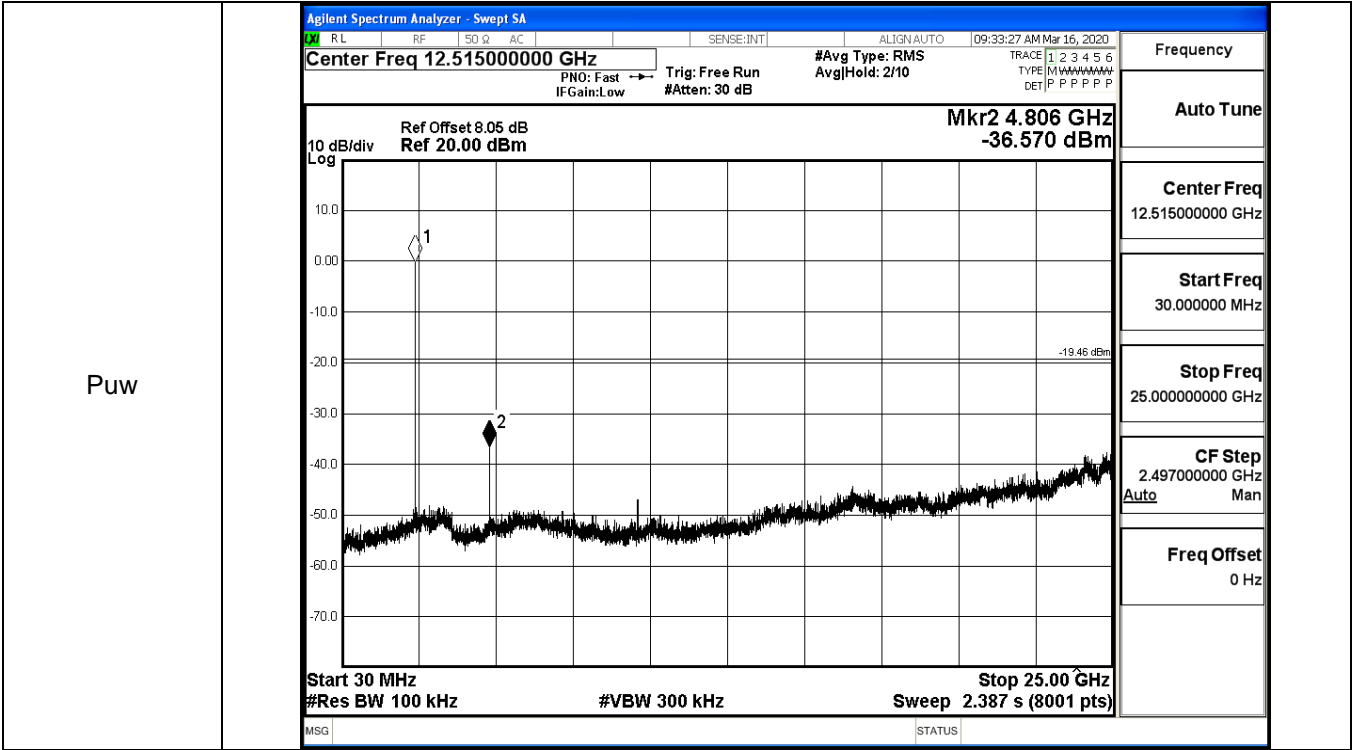
| Mode          | Channel | Pref [dBm] | Max. Level [dBm] | Limit [dBm] | Verdict |
|---------------|---------|------------|------------------|-------------|---------|
| GFSK          | LCH     | 0.537      | -36.570          | -19.463     | PASS    |
|               | MCH     | 1.304      | -36.930          | -18.696     | PASS    |
|               | HCH     | -0.808     | -33.389          | -20.808     | PASS    |
| $\pi/4$ DQPSK | LCH     | -0.236     | -38.069          | -20.236     | PASS    |
|               | MCH     | 0.727      | -36.959          | -19.273     | PASS    |
|               | HCH     | -0.45      | -37.847          | -20.450     | PASS    |
| 8DPSK         | LCH     | 0.182      | -38.014          | -19.818     | PASS    |
|               | MCH     | -0.062     | -36.720          | -20.062     | PASS    |
|               | HCH     | -0.503     | -37.899          | -20.503     | PASS    |

GFSK\_LCH\_Graphs

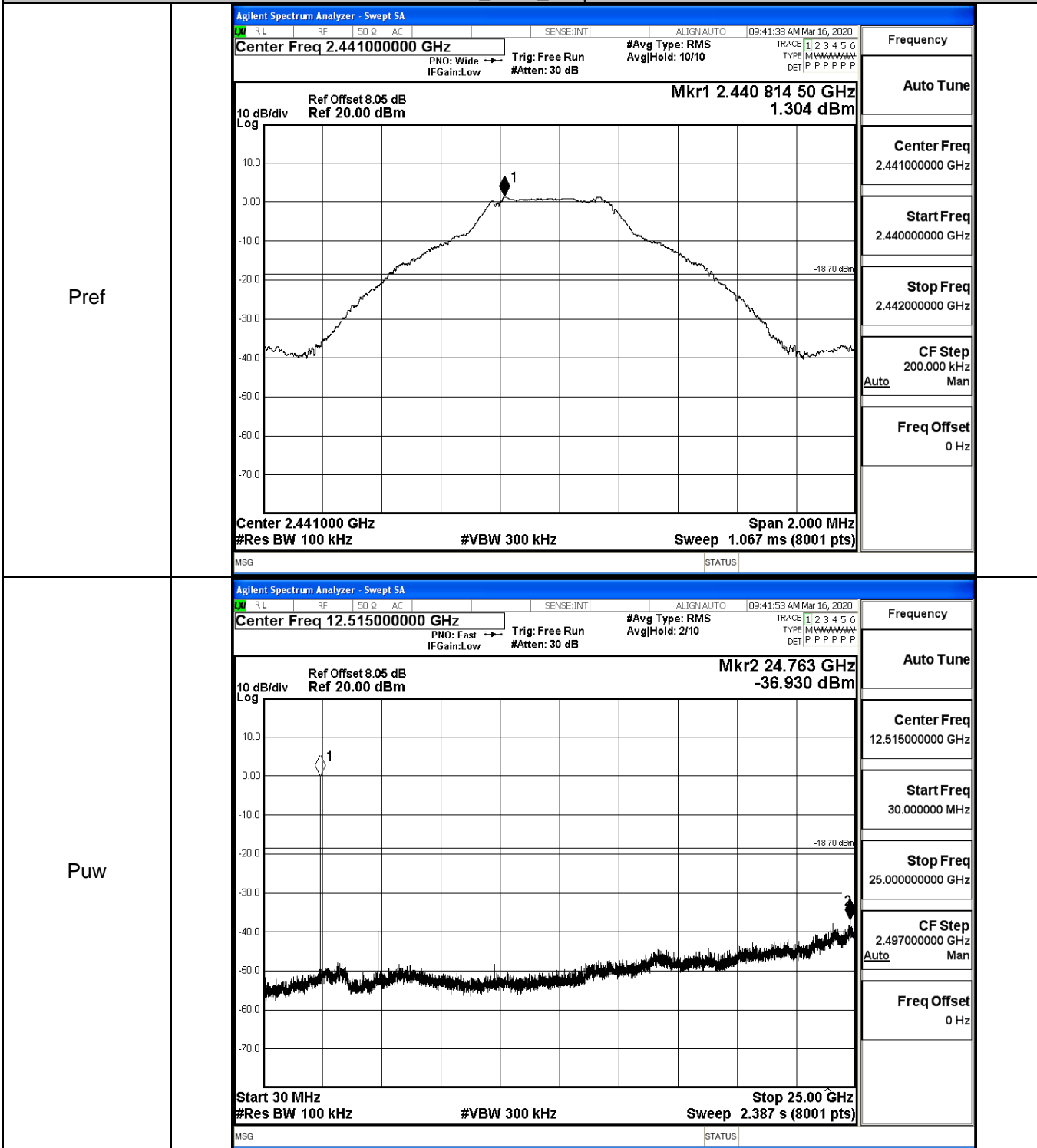


Pref

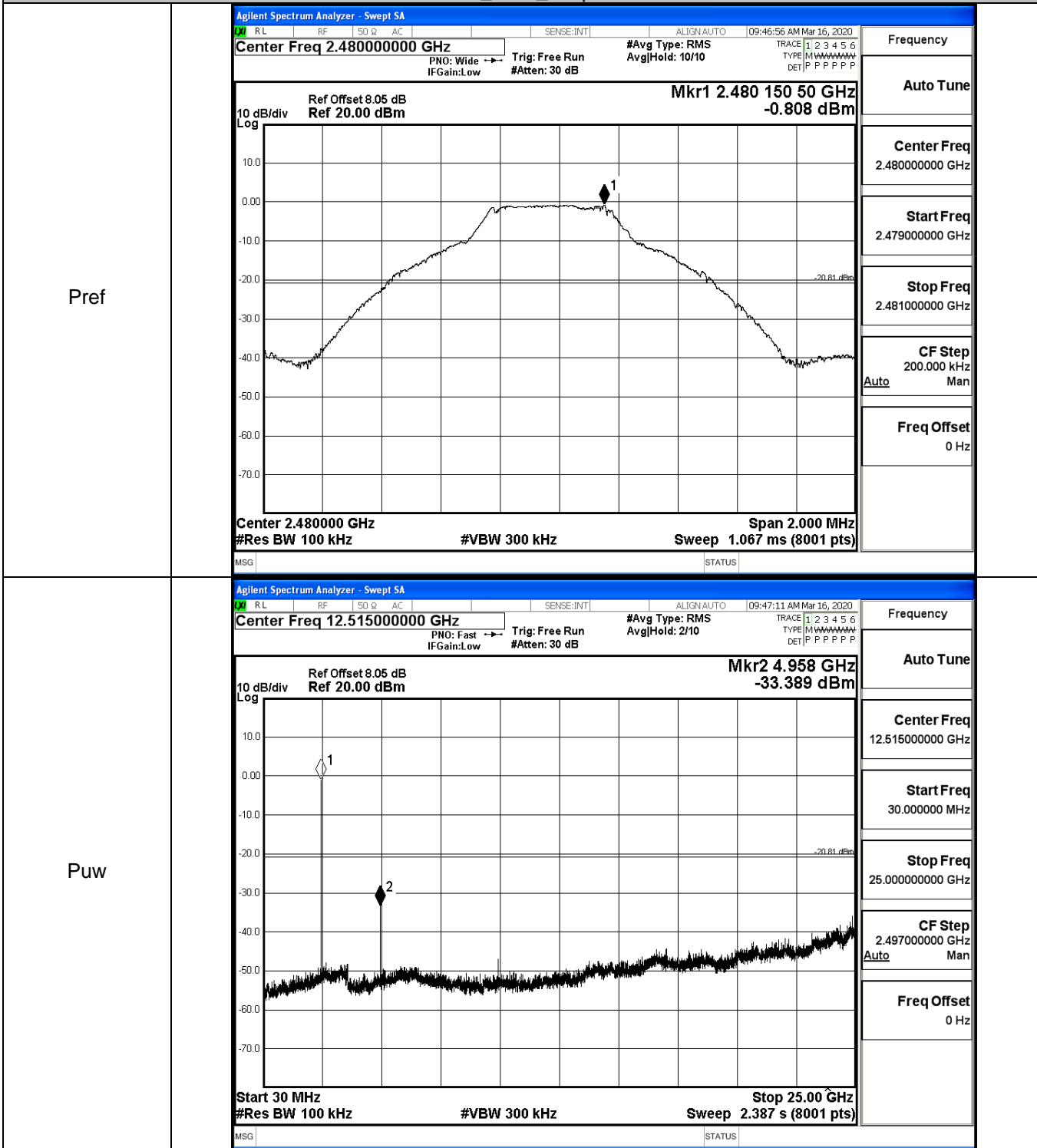




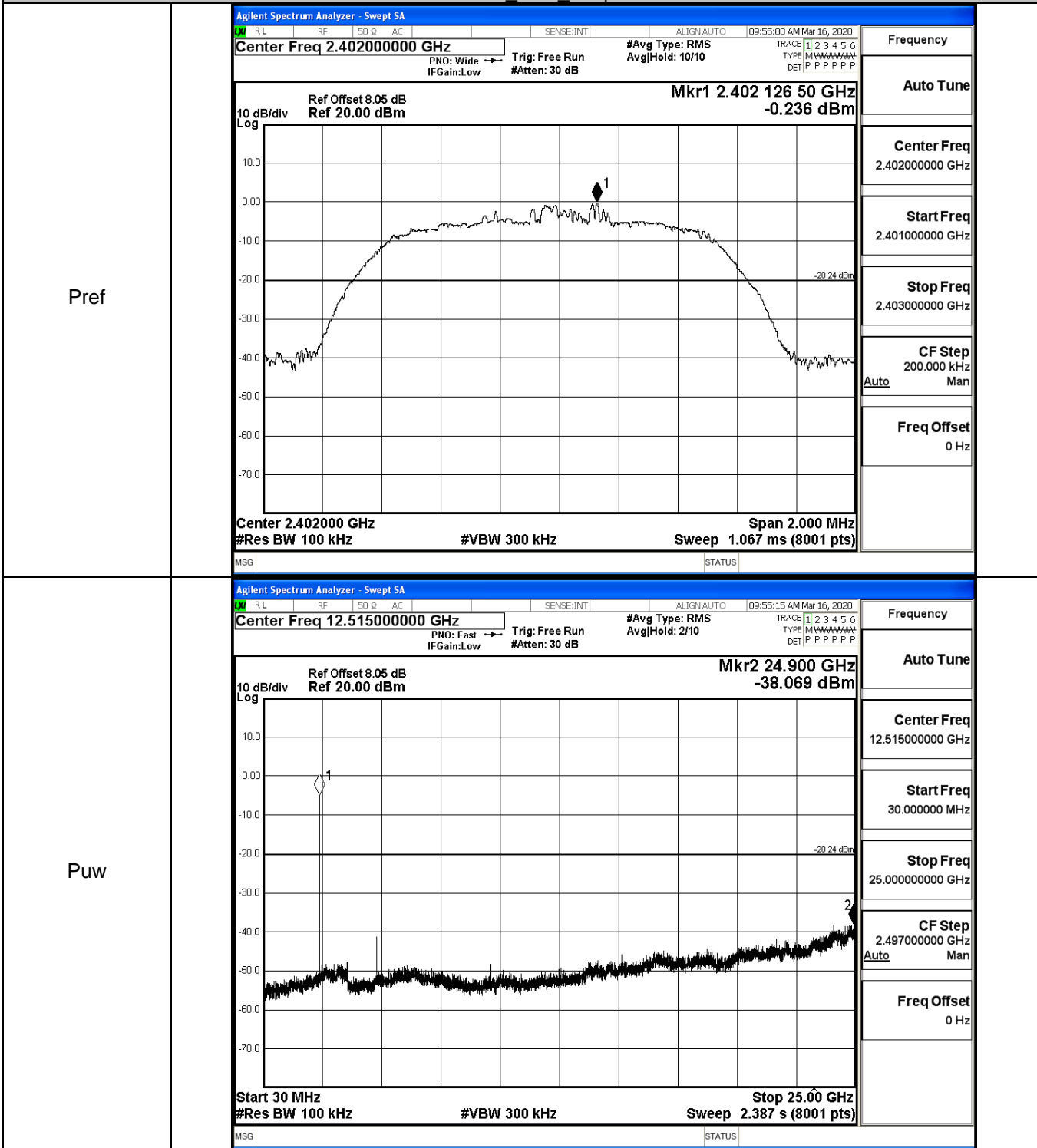
GFSK\_MCH\_Graphs



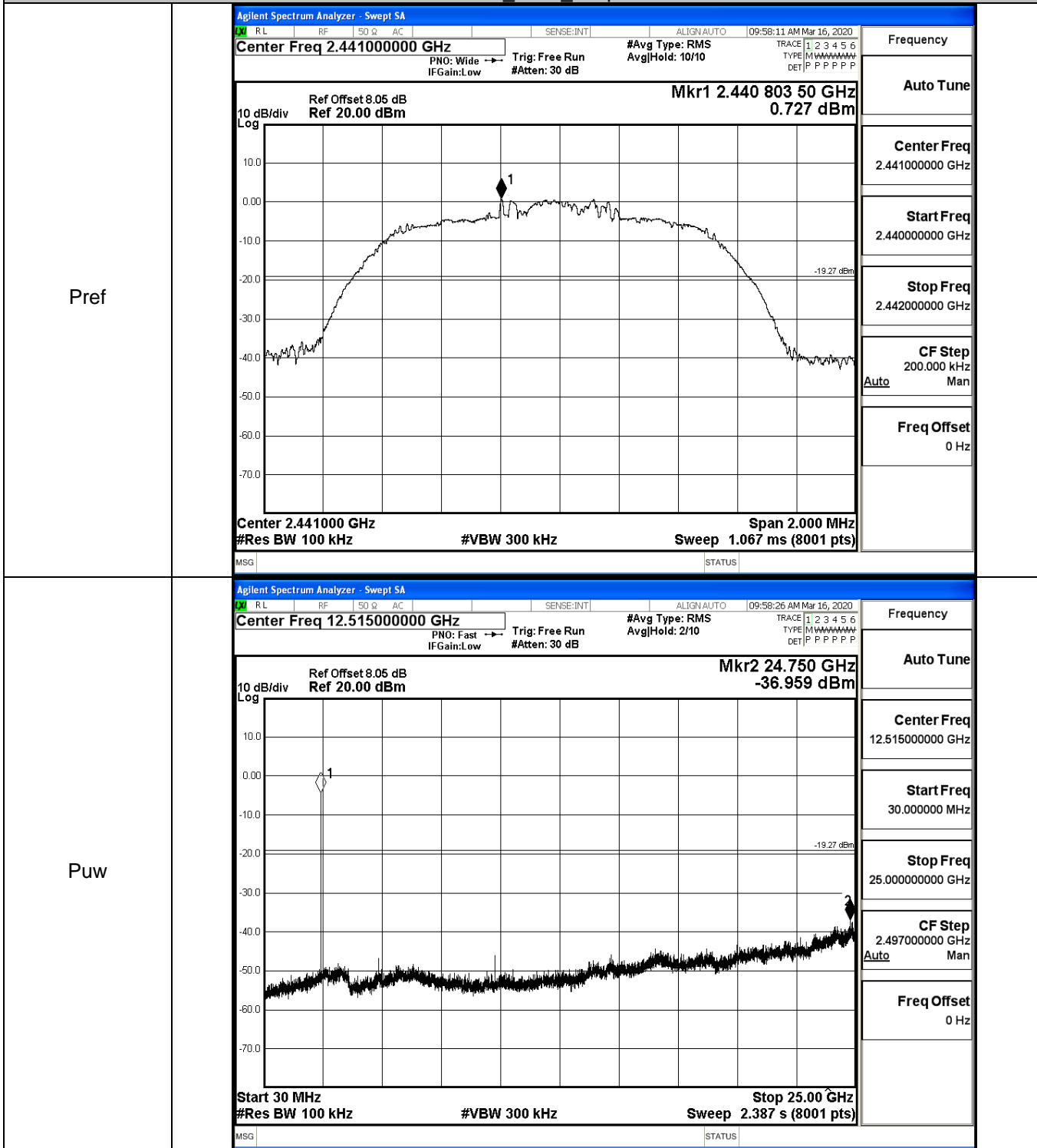
GFSK\_HCH\_Graphs



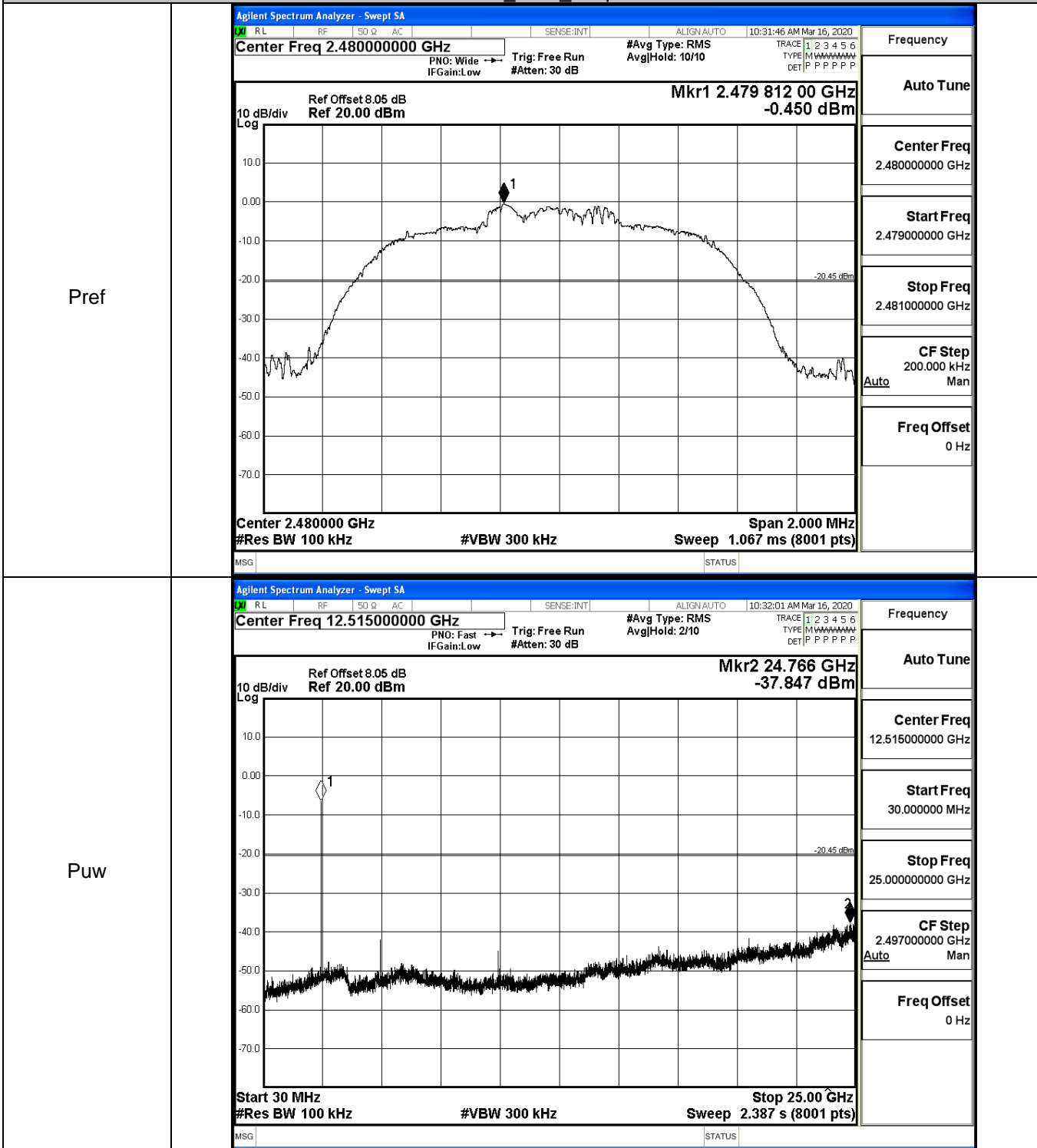
$\pi/4$ DQPSK\_LCH\_Graphs



$\pi/4$ DQPSK\_MCH\_Graphs

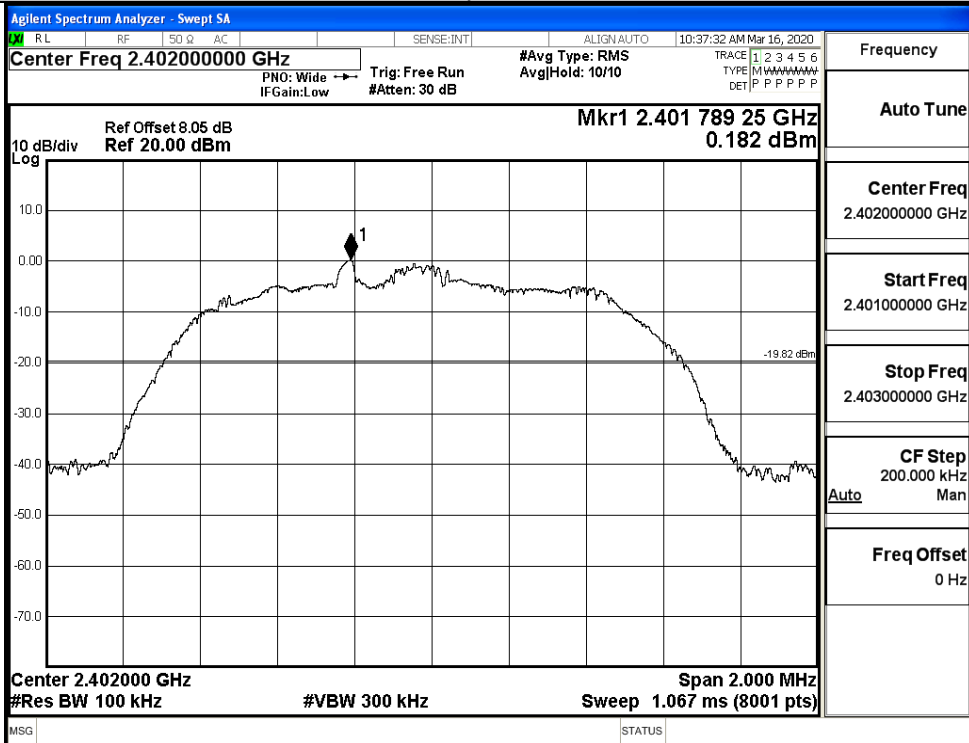


$\pi/4$ DQPSK\_HCH\_Graphs

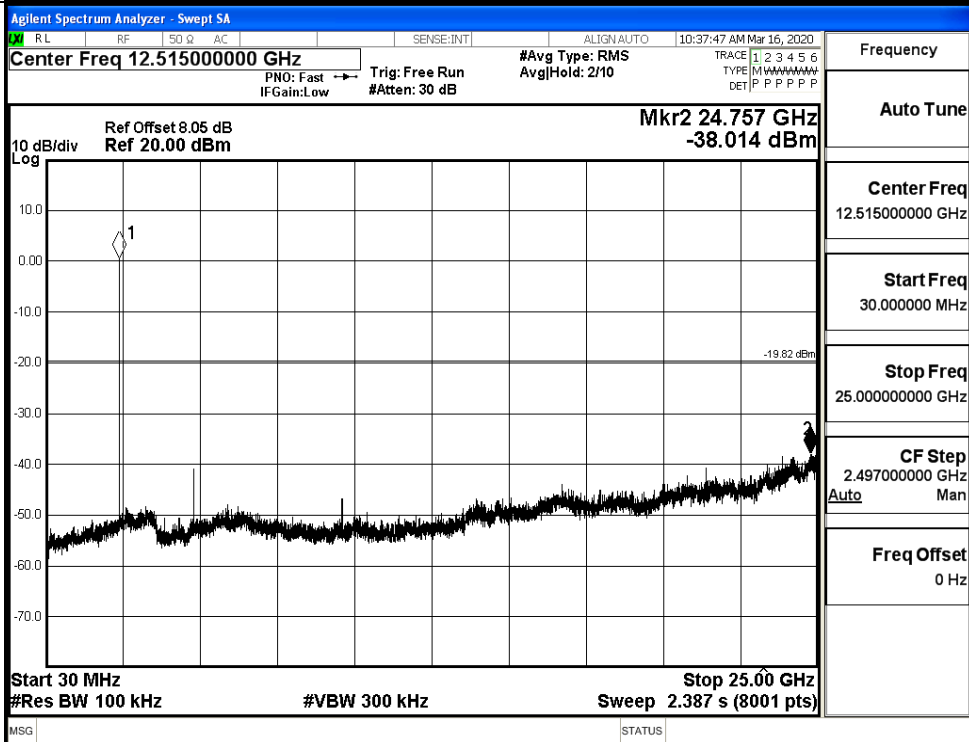


8DPSK\_LCH\_Graphs

Pref

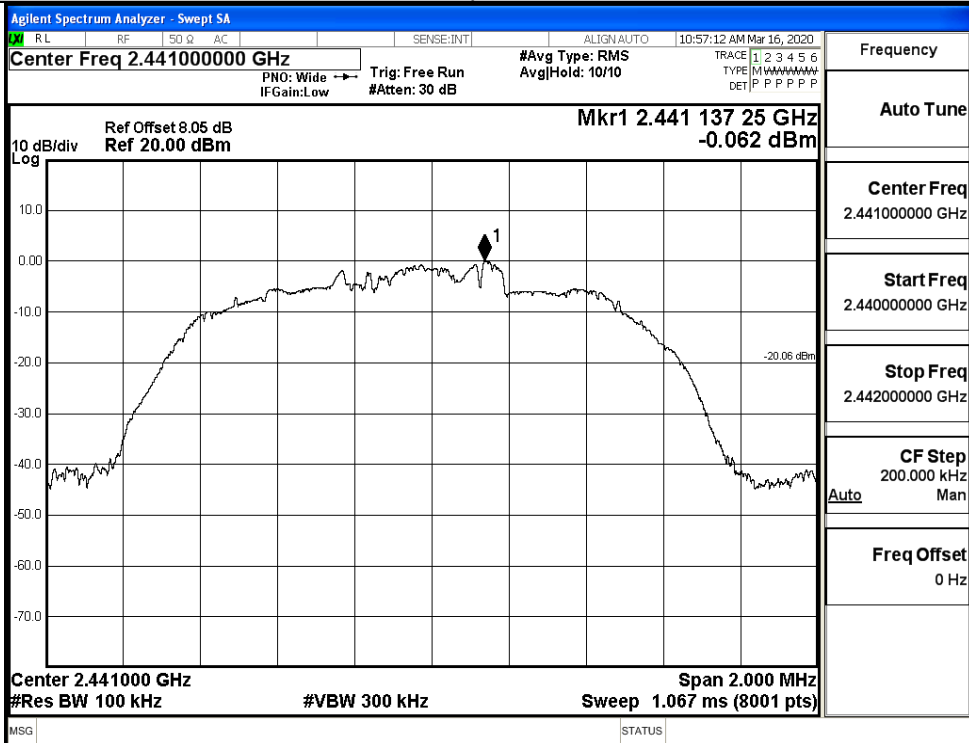


Puw

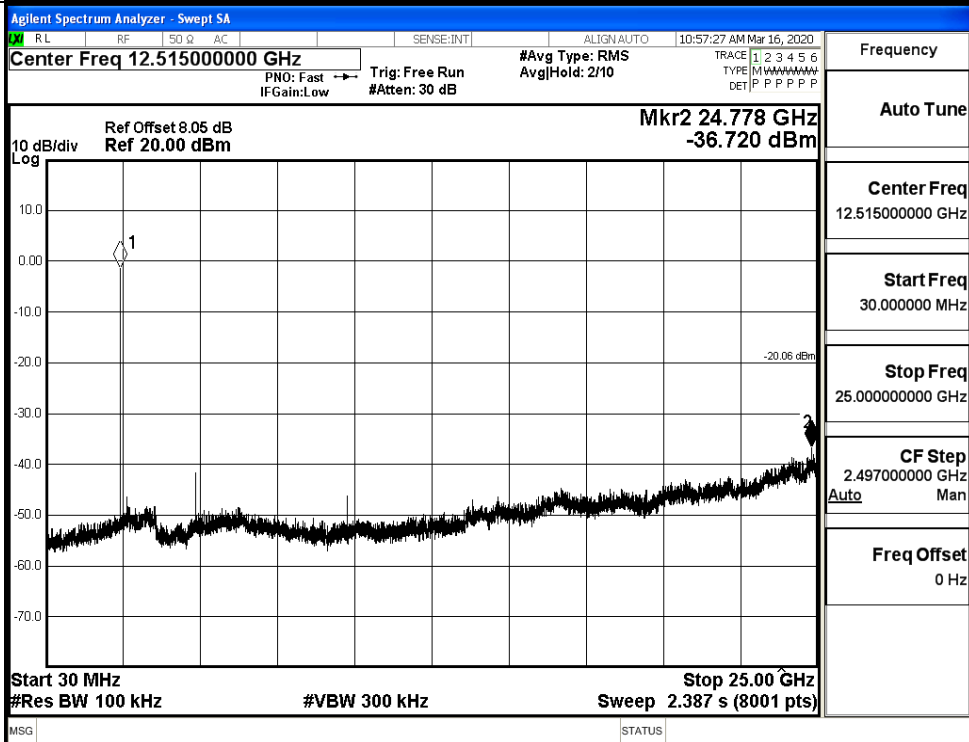


8DPSK\_MCH\_Graphs

Pref



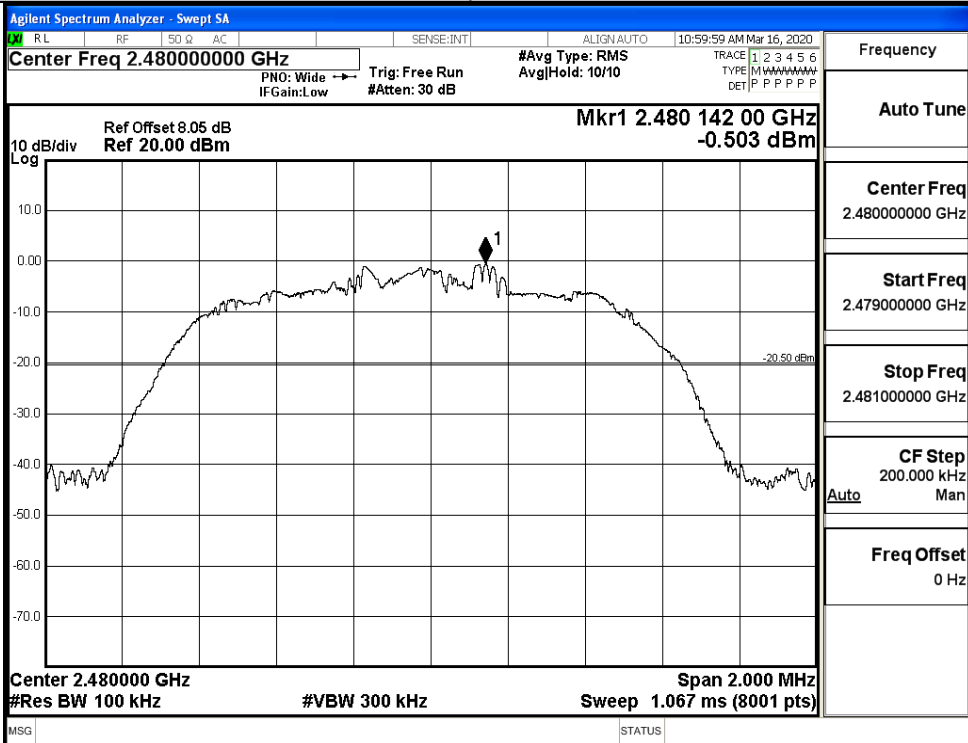
Puw



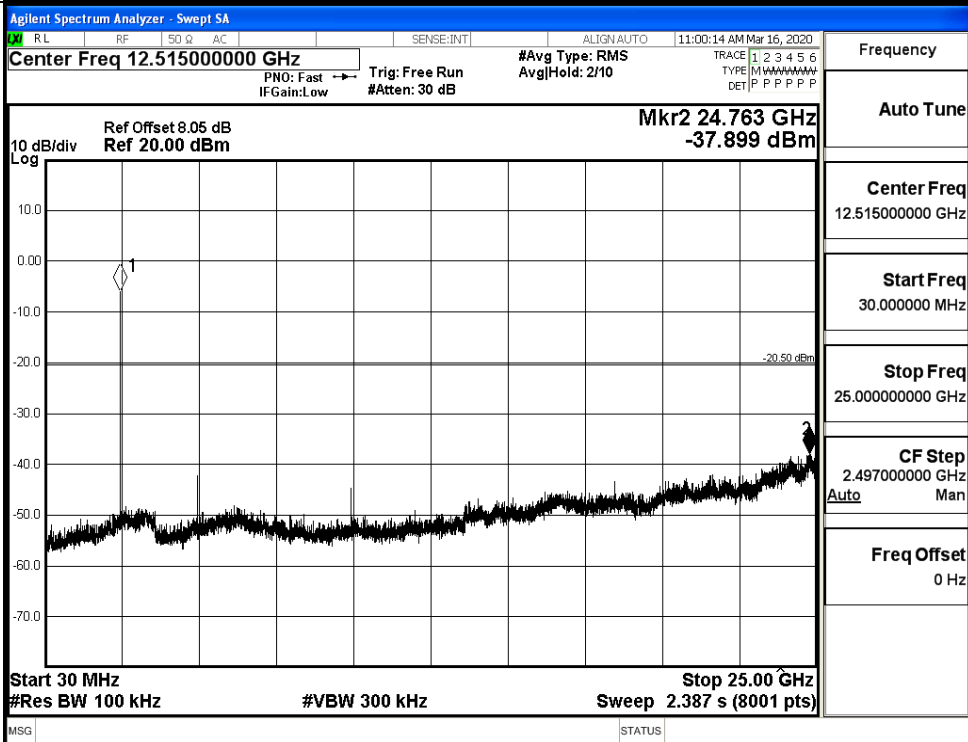


8DPSK\_HCH\_Graphs

Pref



Puw

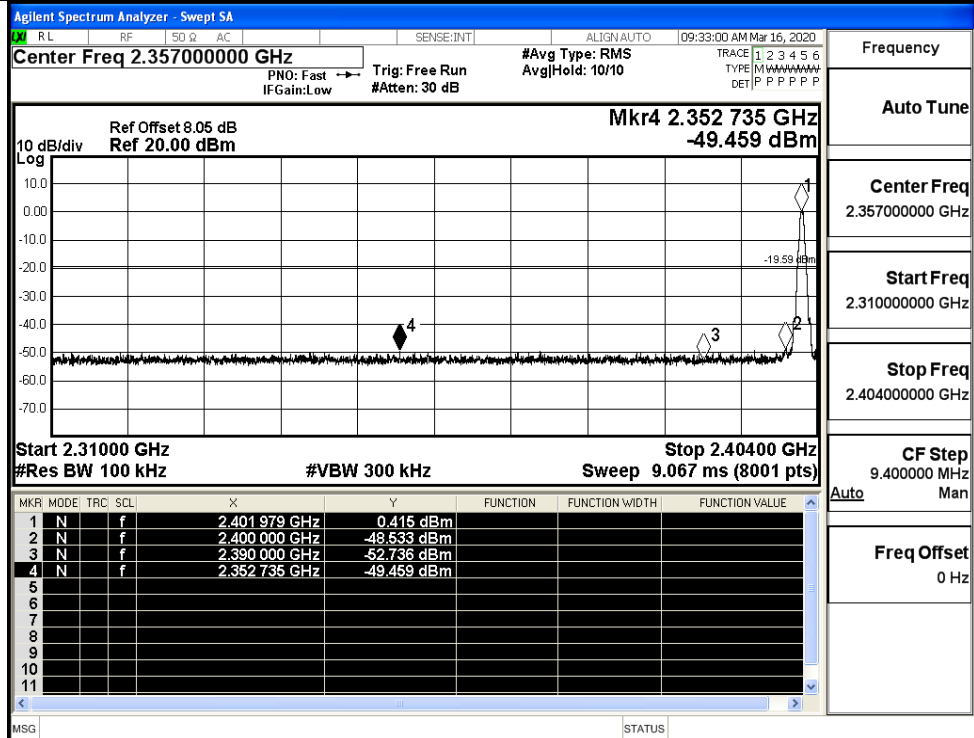


## A.7 Band-edge for RF Conducted Emissions

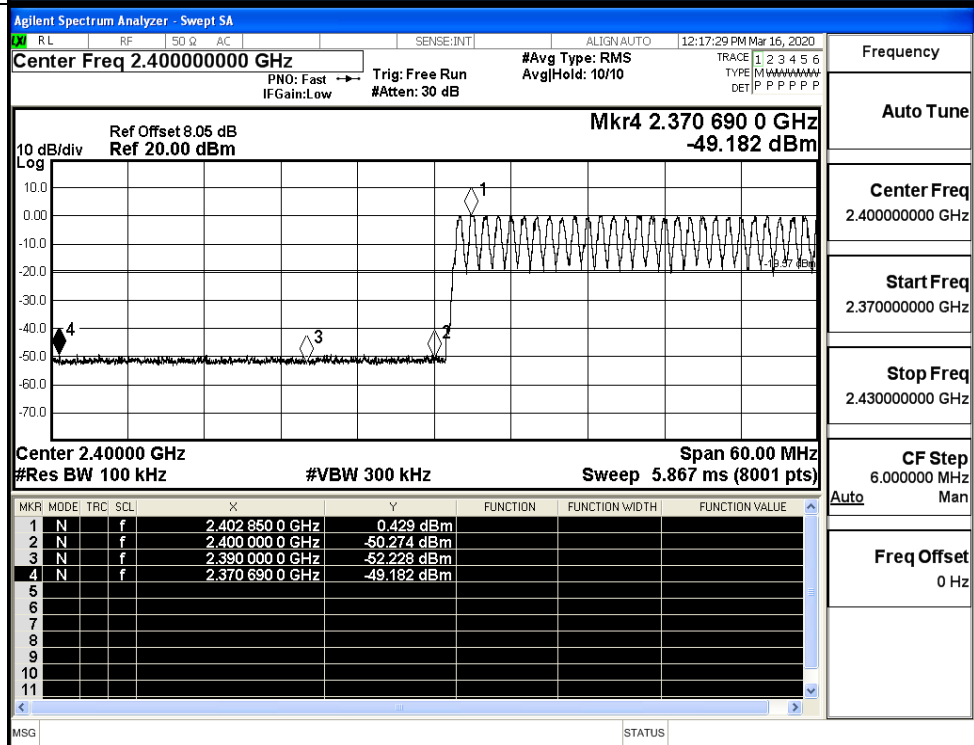
| Mode          | Channel | Carrier Frequency [MHz] | Carrier Power [dBm] | Frequency Hopping | Max Spurious Level [dBm] | Limit [dBm] | Verdict |
|---------------|---------|-------------------------|---------------------|-------------------|--------------------------|-------------|---------|
| GFSK          | LCH     | 2402                    | 0.415               | Off               | -49.459                  | -19.59      | PASS    |
|               |         |                         | 0.429               | On                | -49.182                  | -19.57      | PASS    |
|               | HCH     | 2480                    | -0.286              | Off               | -49.083                  | -20.29      | PASS    |
|               |         |                         | -0.208              | On                | -48.408                  | -20.21      | PASS    |
| $\pi/4$ DQPSK | LCH     | 2402                    | 0.240               | Off               | -49.081                  | -19.76      | PASS    |
|               |         |                         | 0.290               | On                | -49.113                  | -19.71      | PASS    |
|               | HCH     | 2480                    | -0.301              | Off               | -49.098                  | -20.3       | PASS    |
|               |         |                         | -0.082              | On                | -48.288                  | -20.08      | PASS    |
| 8DPSK         | LCH     | 2402                    | -0.537              | Off               | -49.324                  | -20.54      | PASS    |
|               |         |                         | 0.573               | On                | -48.969                  | -19.43      | PASS    |
|               | HCH     | 2480                    | -0.256              | Off               | -48.388                  | -20.26      | PASS    |
|               |         |                         | -0.088              | On                | -48.584                  | -20.09      | PASS    |

Test Graphs

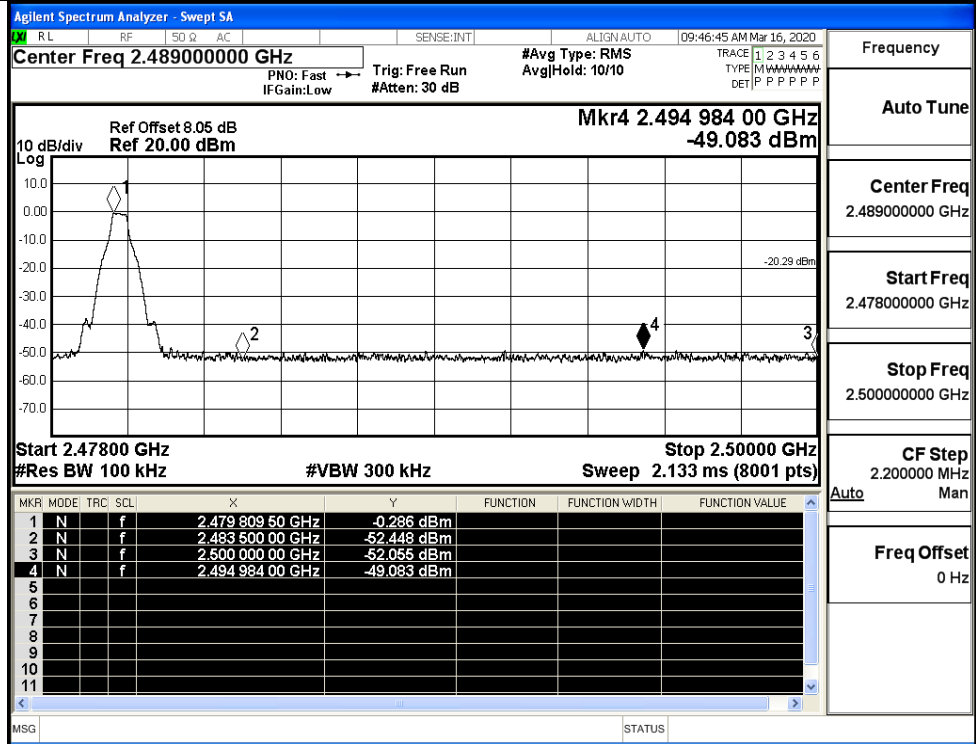
GFSK/LCH/No Hop



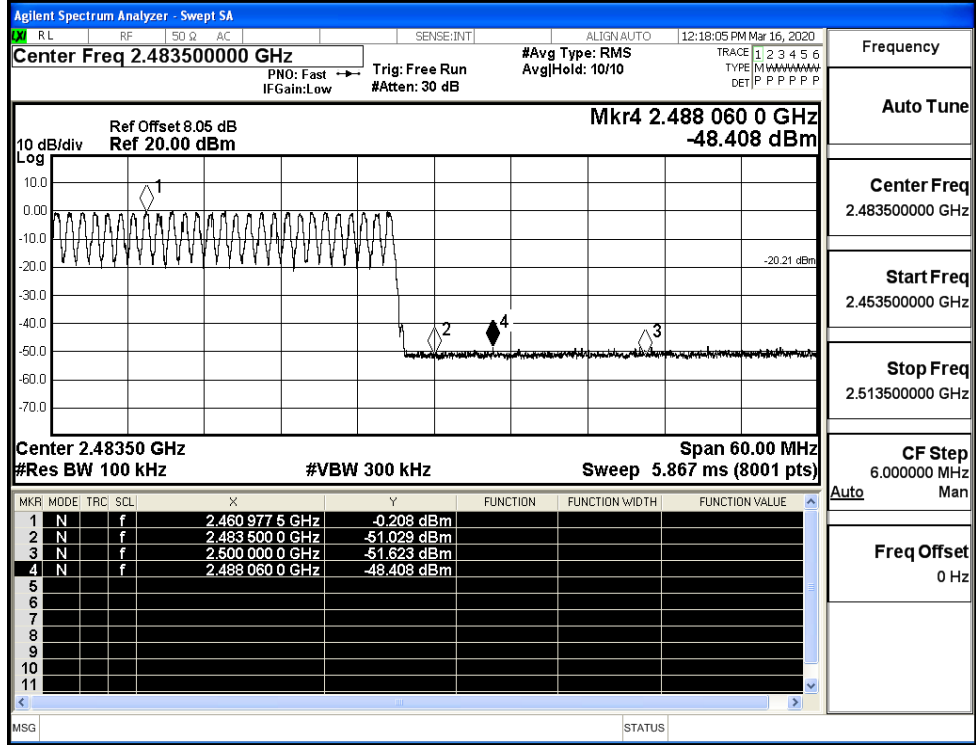
GFSK/LCH/Hop



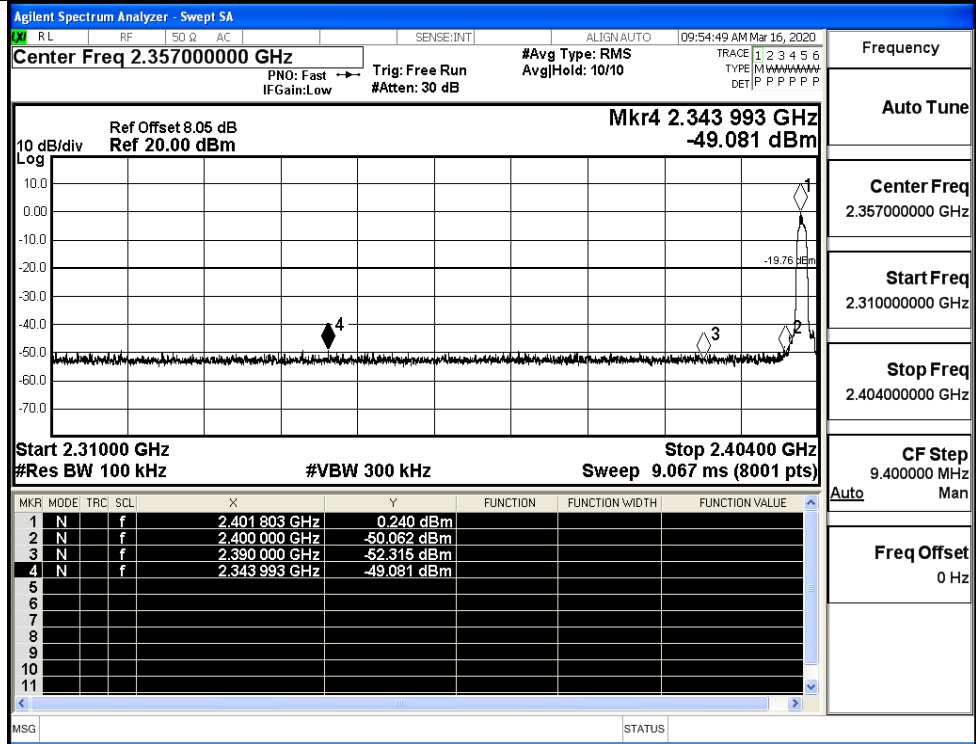
GFSK/HCH/No Hop



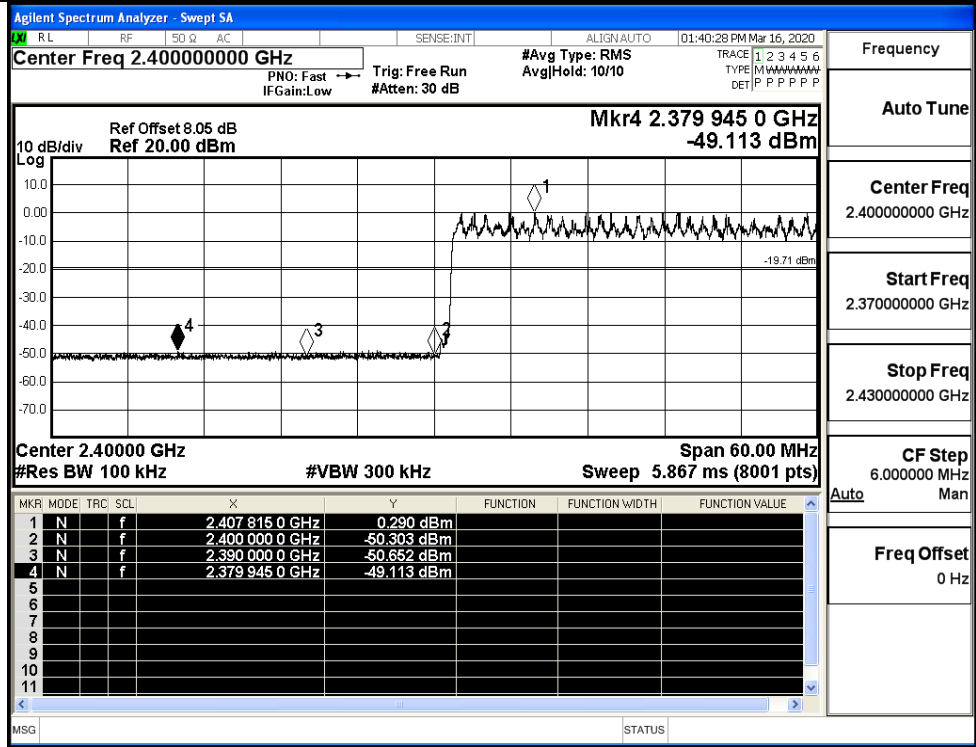
GFSK/HCH/Hop



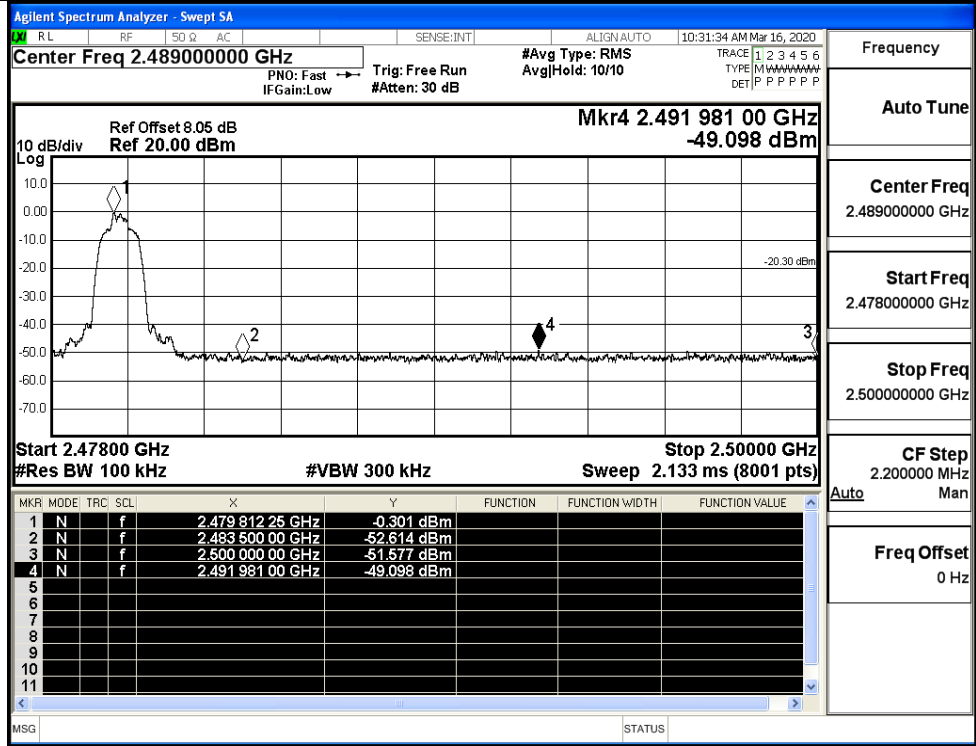
$\pi/4$ DQPSK/LCH/No  
Hop



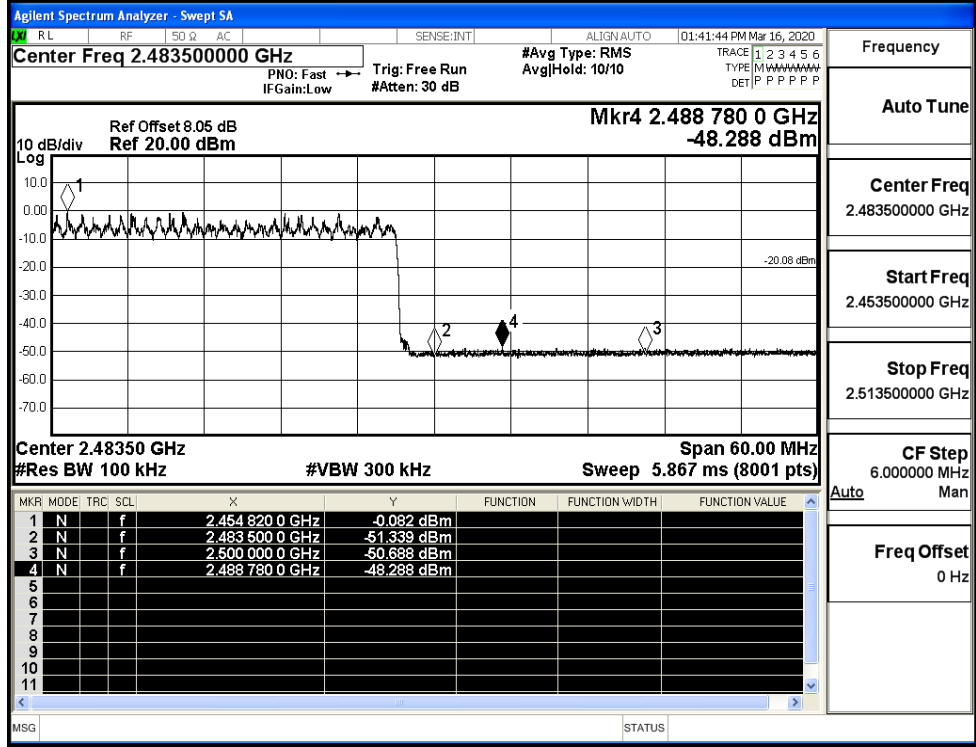
$\pi/4$ DQPSK/LCH/Hop



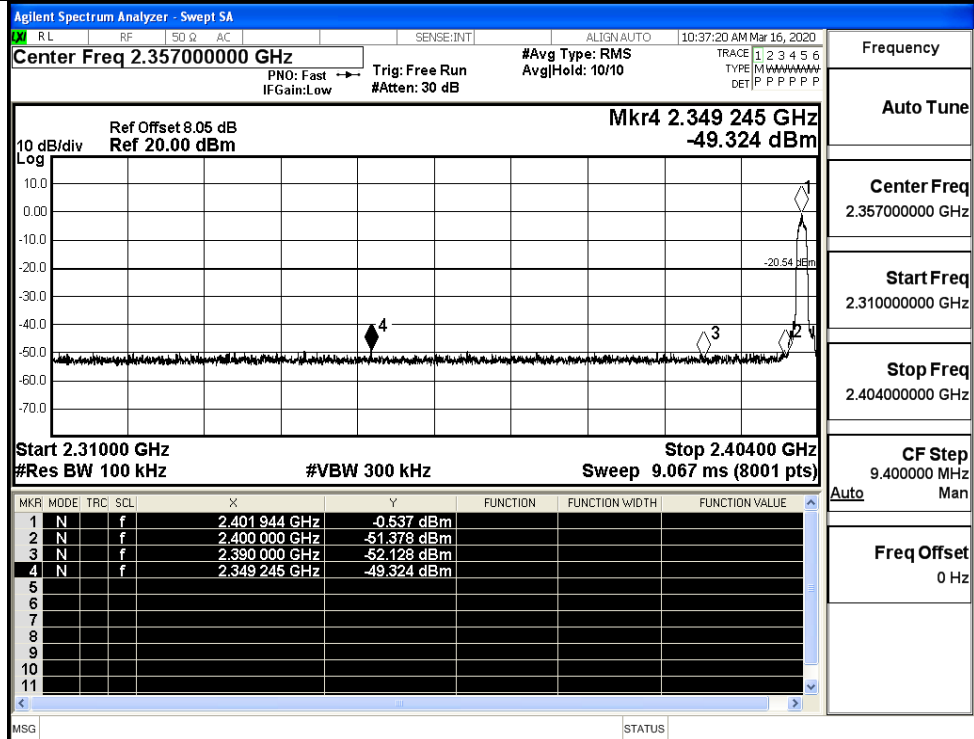
$\pi/4$ DQPSK/HCH/No Hop



$\pi/4$ DQPSK/HCH/Hop

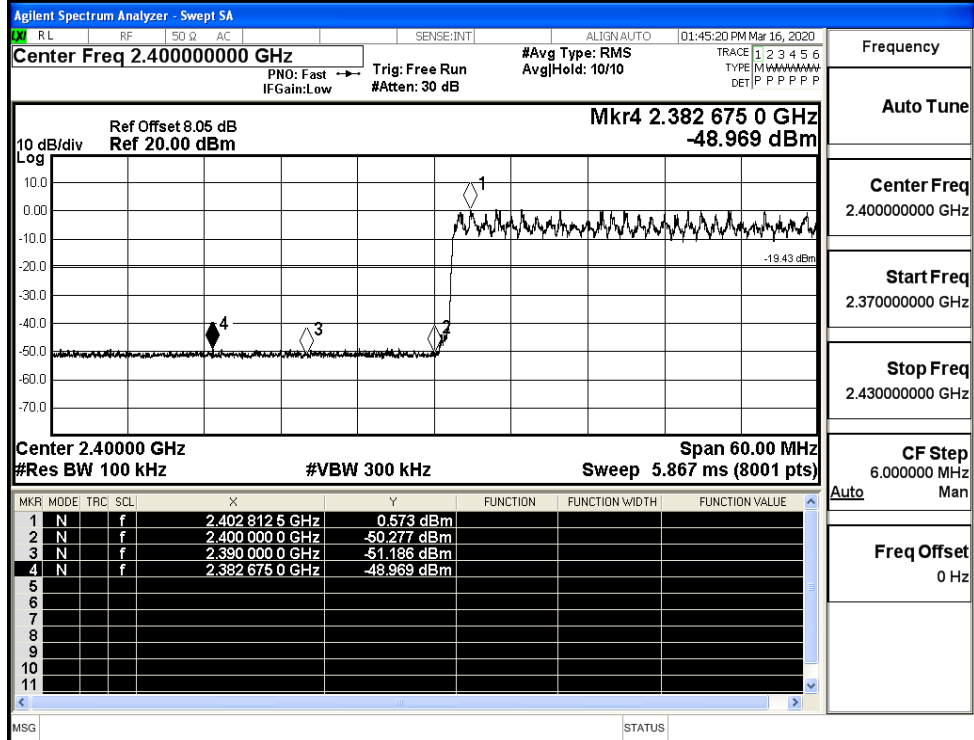


8DPSK/LCH/No Hop



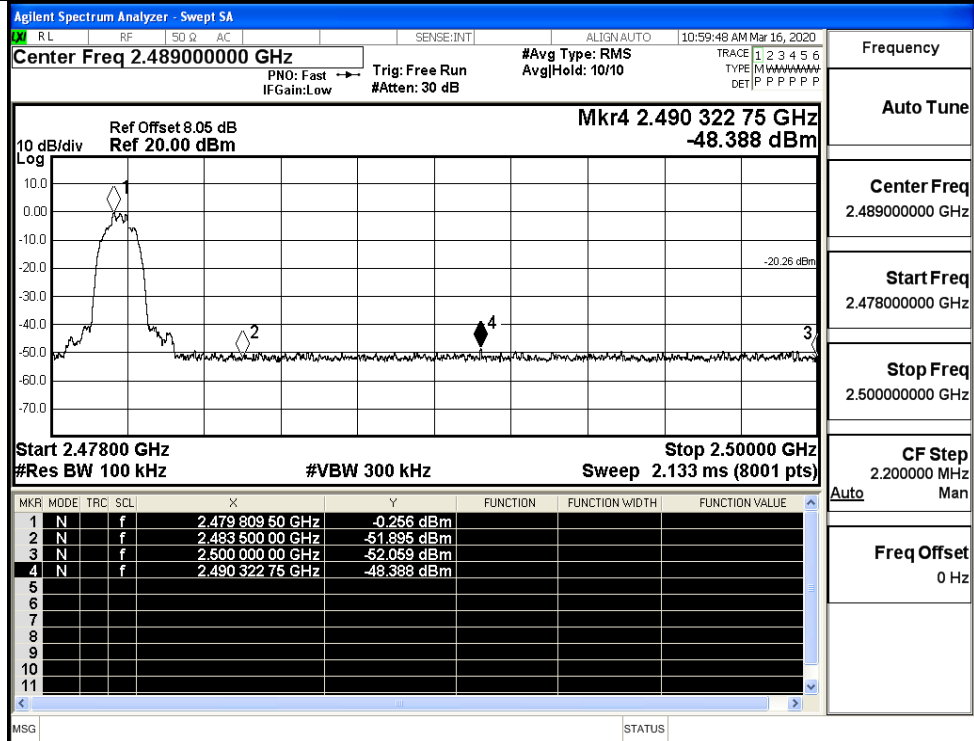
Frequency  
Auto Tune  
Center Freq  
2.357000000 GHz  
Start Freq  
2.310000000 GHz  
Stop Freq  
2.404000000 GHz  
CF Step  
9.400000 MHz  
Auto Man  
Freq Offset  
0 Hz

8DPSK/LCH/Hop



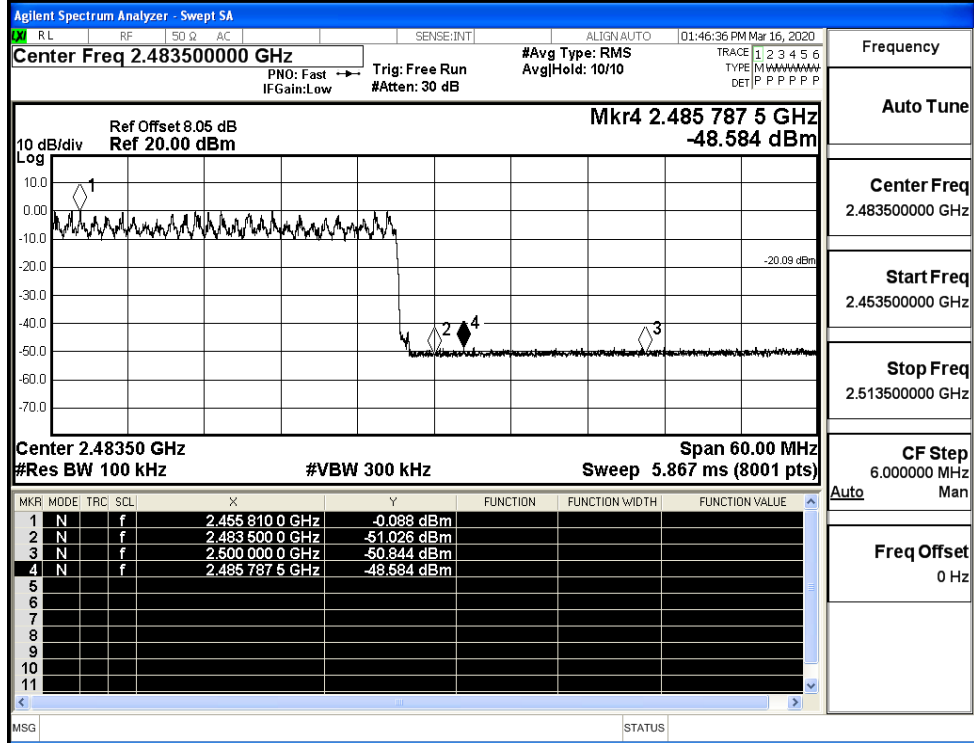
Frequency  
Auto Tune  
Center Freq  
2.400000000 GHz  
Start Freq  
2.370000000 GHz  
Stop Freq  
2.430000000 GHz  
CF Step  
6.000000 MHz  
Auto Man  
Freq Offset  
0 Hz

8DPSK/HCH/No Hop



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

8DPSK/HCH/Hop



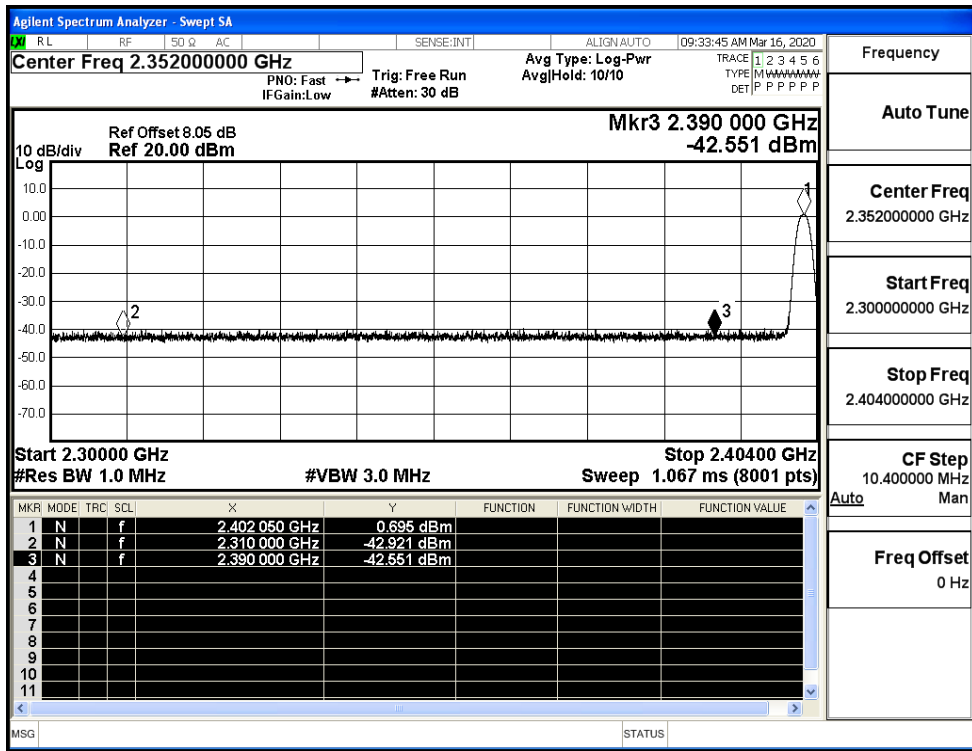
Frequency  
Auto Tune  
Center Freq  
2.483500000 GHz  
Start Freq  
2.453500000 GHz  
Stop Freq  
2.513500000 GHz  
CF Step  
6.000000 MHz  
Auto Man  
Freq Offset  
0 Hz



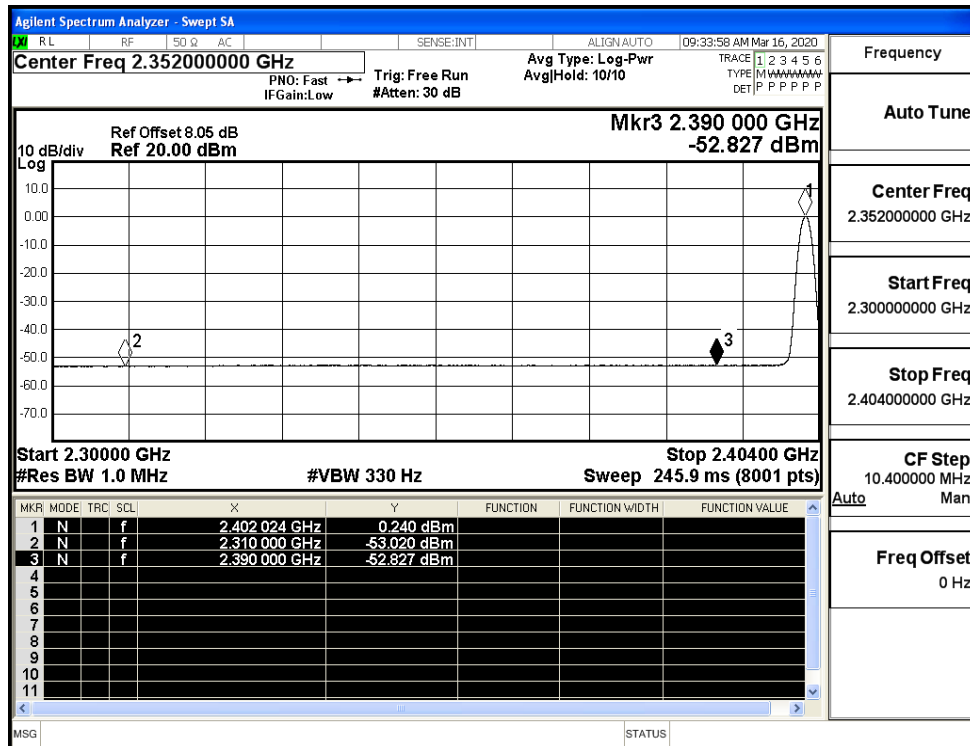
## A.8 Restrict-band band-edge measurements

| Test Mode     | Hopping | Freq.  | Power [dBm] | Gain | Ground Factor | E [dBuV/m] | Detector | Limit [dBuV/m] | Verdict |
|---------------|---------|--------|-------------|------|---------------|------------|----------|----------------|---------|
| GFSK          | Off     | 2310.0 | -42.92      | 2.0  | 0             | 54.31      | PEAK     | 74             | PASS    |
|               | Off     | 2310.0 | -53.02      | 2.0  | 0             | 44.21      | AV       | 54             | PASS    |
|               | Off     | 2390.0 | -42.55      | 2.0  | 0             | 54.68      | PEAK     | 74             | PASS    |
|               | Off     | 2390.0 | -52.83      | 2.0  | 0             | 44.4       | AV       | 54             | PASS    |
|               | Off     | 2483.5 | -43.10      | 2.0  | 0             | 54.13      | PEAK     | 74             | PASS    |
|               | Off     | 2483.5 | -52.36      | 2.0  | 0             | 44.87      | AV       | 54             | PASS    |
|               | Off     | 2500.0 | -42.54      | 2.0  | 0             | 54.69      | PEAK     | 74             | PASS    |
|               | Off     | 2500.0 | -52.25      | 2.0  | 0             | 44.98      | AV       | 54             | PASS    |
| $\pi/4$ DQPSK | Off     | 2310.0 | -40.62      | 2.0  | 0             | 56.61      | PEAK     | 74             | PASS    |
|               | Off     | 2310.0 | -53.19      | 2.0  | 0             | 44.04      | AV       | 54             | PASS    |
|               | Off     | 2390.0 | -40.81      | 2.0  | 0             | 56.42      | PEAK     | 74             | PASS    |
|               | Off     | 2390.0 | -52.96      | 2.0  | 0             | 44.27      | AV       | 54             | PASS    |
|               | Off     | 2483.5 | -42.12      | 2.0  | 0             | 55.11      | PEAK     | 74             | PASS    |
|               | Off     | 2483.5 | -52.37      | 2.0  | 0             | 44.86      | AV       | 54             | PASS    |
|               | Off     | 2500.0 | -42.72      | 2.0  | 0             | 54.51      | PEAK     | 74             | PASS    |
|               | Off     | 2500.0 | -52.31      | 2.0  | 0             | 44.92      | AV       | 54             | PASS    |
| 8DPSK         | Off     | 2310.0 | -43.11      | 2.0  | 0             | 54.12      | PEAK     | 74             | PASS    |
|               | Off     | 2310.0 | -53.10      | 2.0  | 0             | 44.13      | AV       | 54             | PASS    |
|               | Off     | 2390.0 | -42.29      | 2.0  | 0             | 54.94      | PEAK     | 74             | PASS    |
|               | Off     | 2390.0 | -52.92      | 2.0  | 0             | 44.31      | AV       | 54             | PASS    |
|               | Off     | 2483.5 | -41.78      | 2.0  | 0             | 55.45      | PEAK     | 74             | PASS    |
|               | Off     | 2483.5 | -52.25      | 2.0  | 0             | 44.98      | AV       | 54             | PASS    |
|               | Off     | 2500.0 | -41.94      | 2.0  | 0             | 55.29      | PEAK     | 74             | PASS    |
|               | Off     | 2500.0 | -52.28      | 2.0  | 0             | 44.95      | AV       | 54             | PASS    |

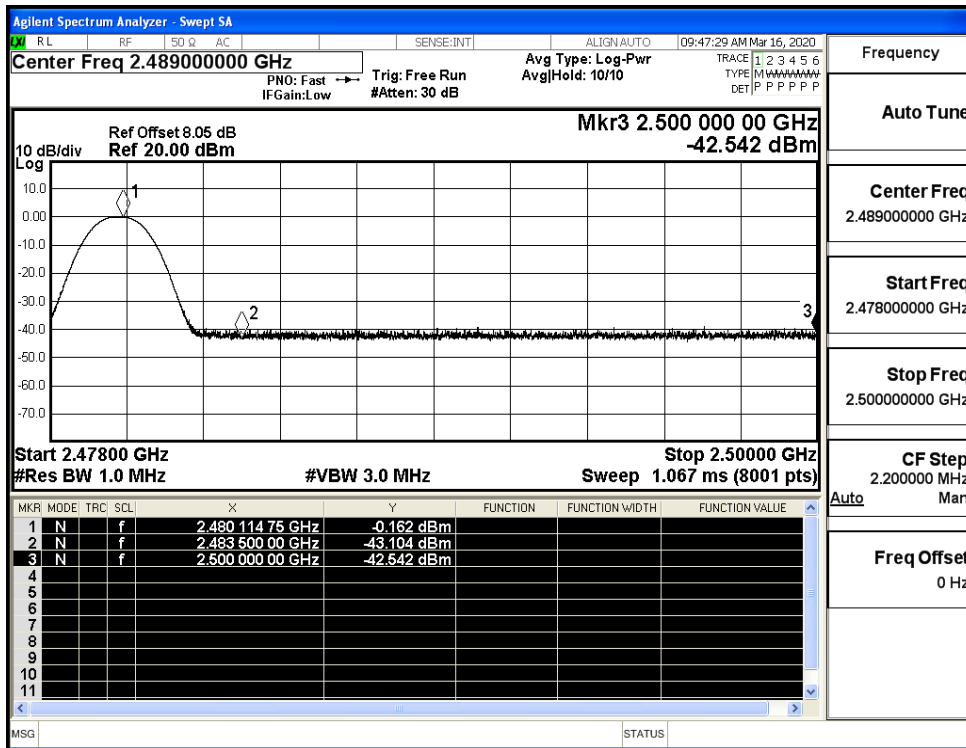
Restrict-band band-edge measurements\_Hopping Off\_GFSK\_PEAK (Low Channel)



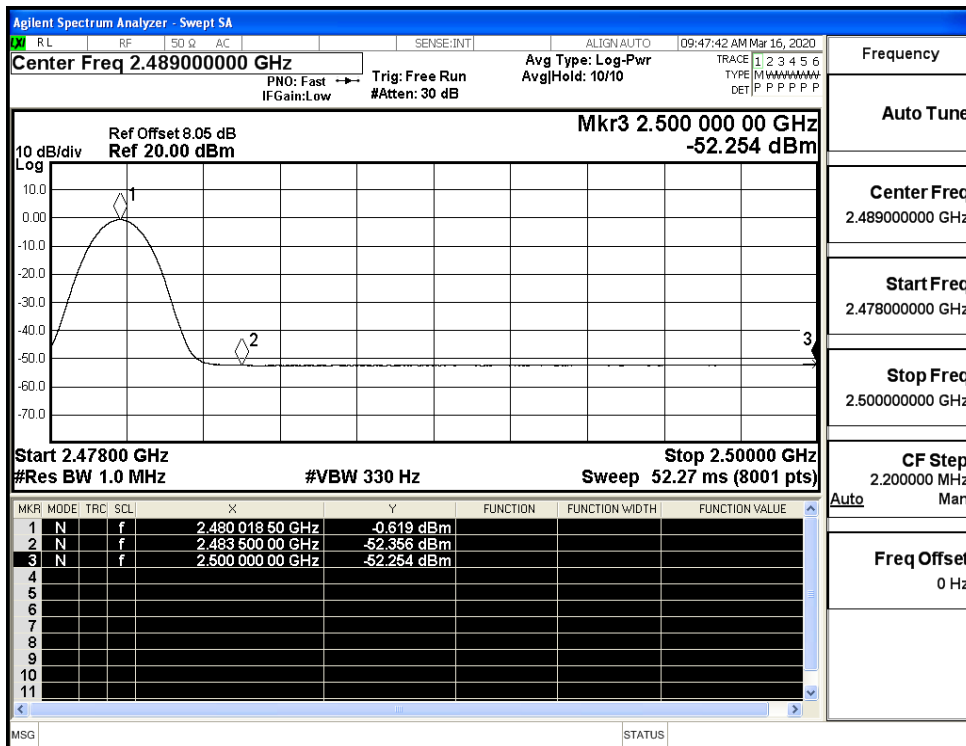
Restrict-band band-edge measurements\_Hopping Off\_GFSK\_Average (Low Channel)



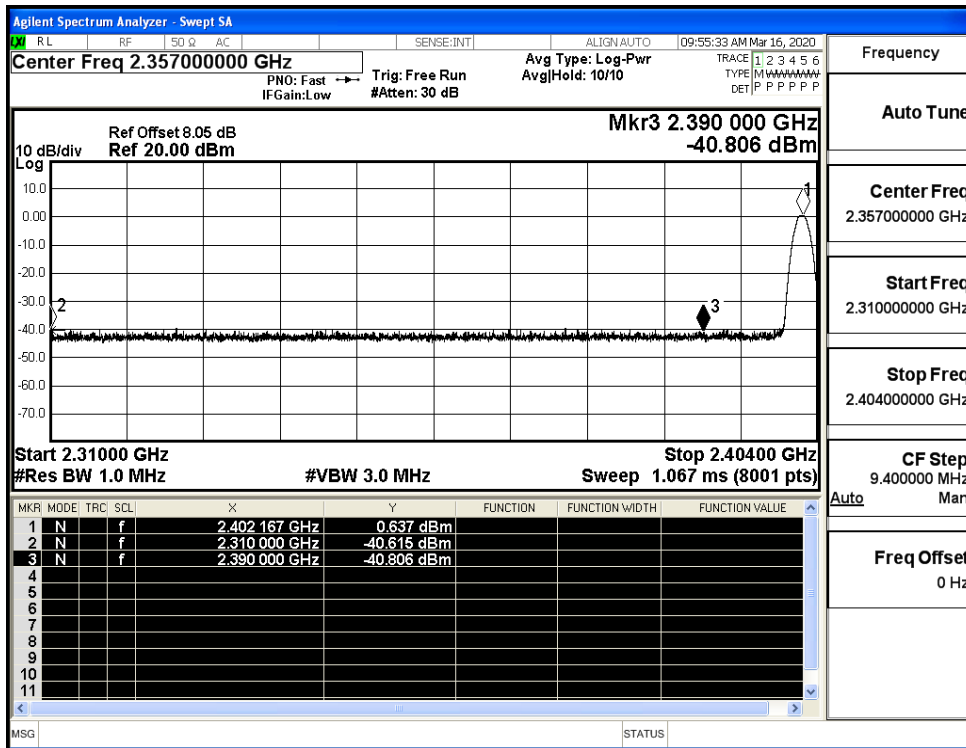
Restrict-band band-edge measurements\_Hopping Off\_ GFSK\_PEAK (High Channel)



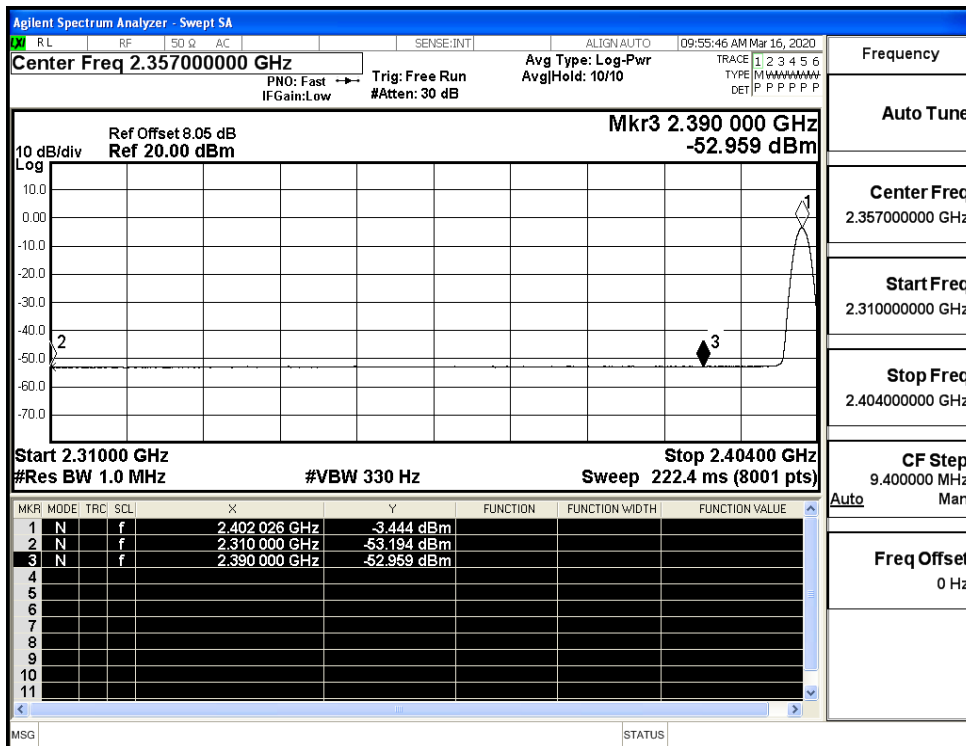
Restrict-band band-edge measurements\_Hopping Off\_ GFSK\_Average (High Channel)



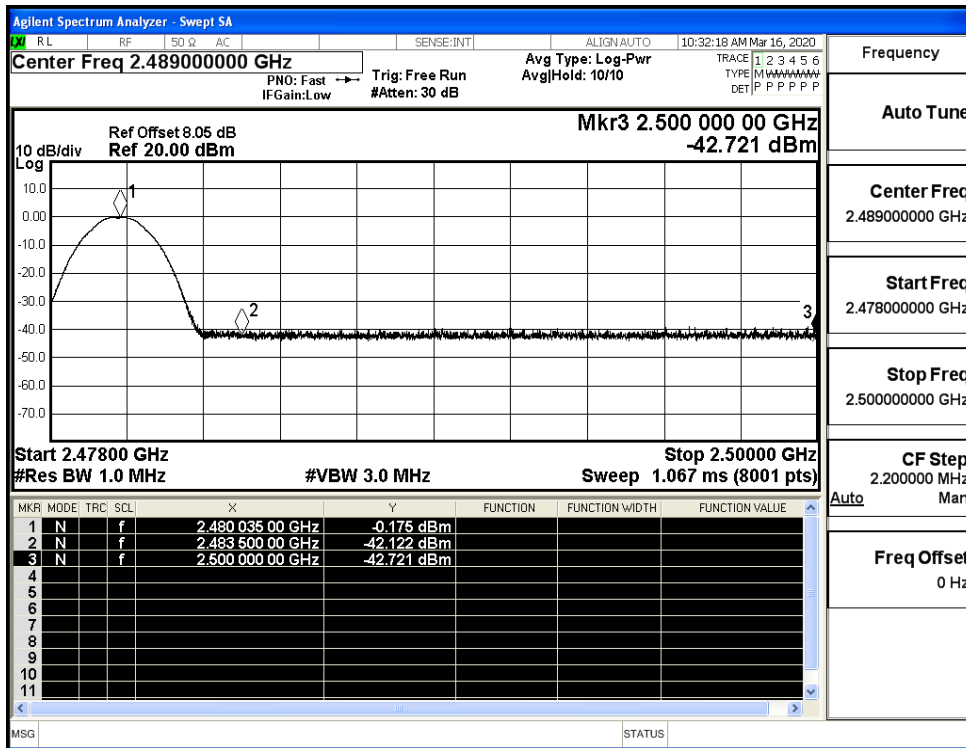
Restrict-band band-edge measurements\_Hopping Off  $\pi/4$ -DQPSK\_PEAK (Low Channel)



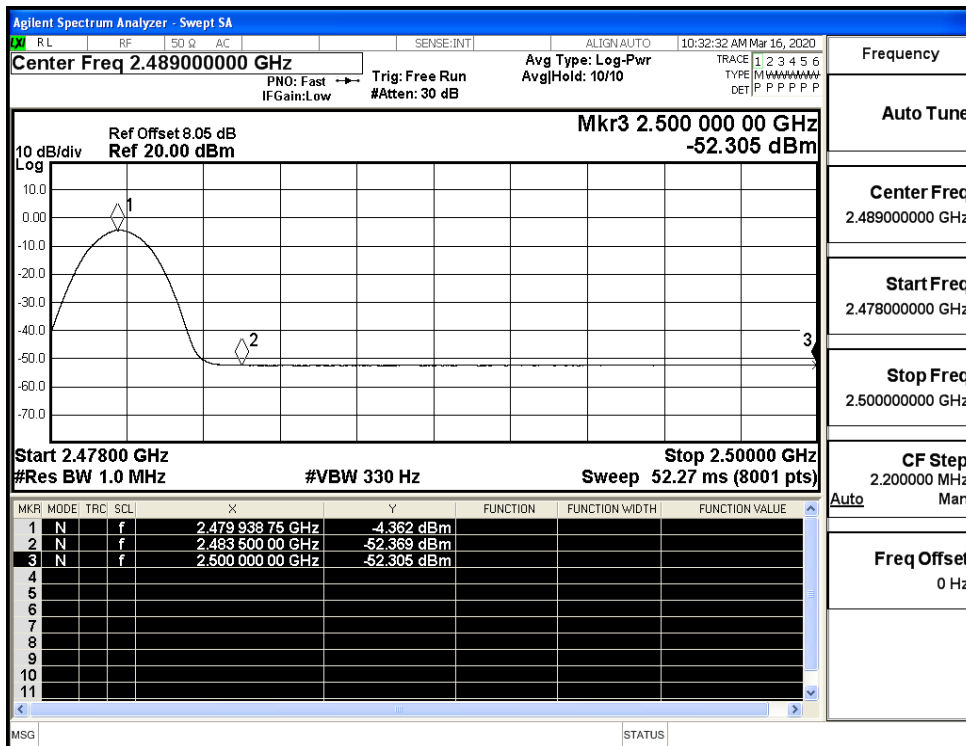
Restrict-band band-edge measurements\_Hopping Off  $\pi/4$ -DQPSK\_Average (Low Channel)



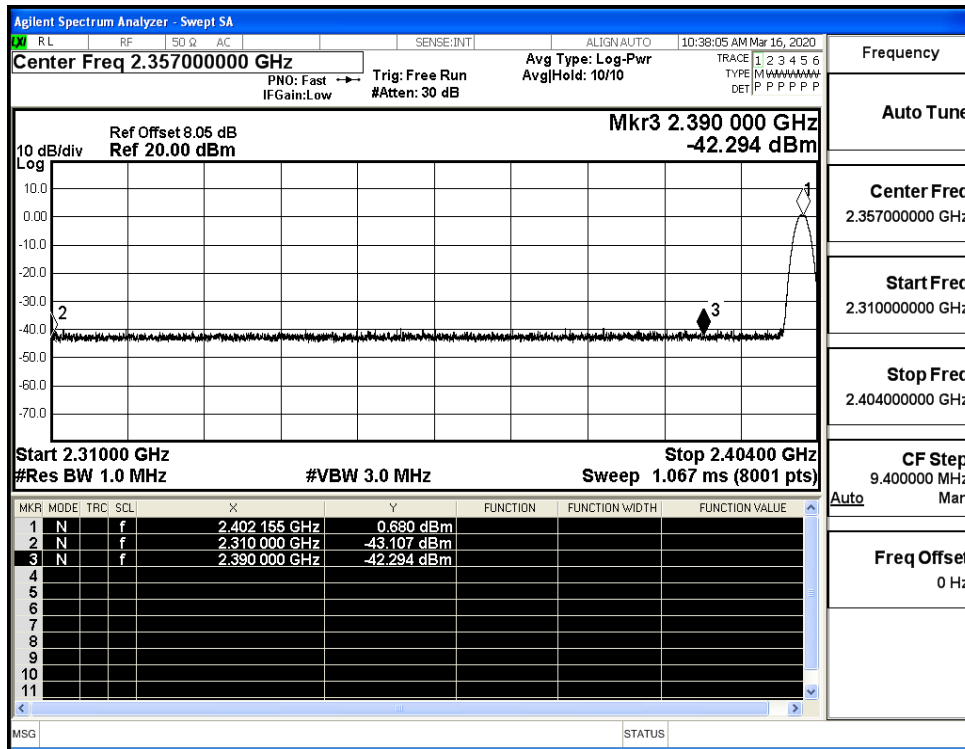
Restrict-band band-edge measurements\_Hopping Off\_π/4-DQPSK\_PEAK (High Channel)



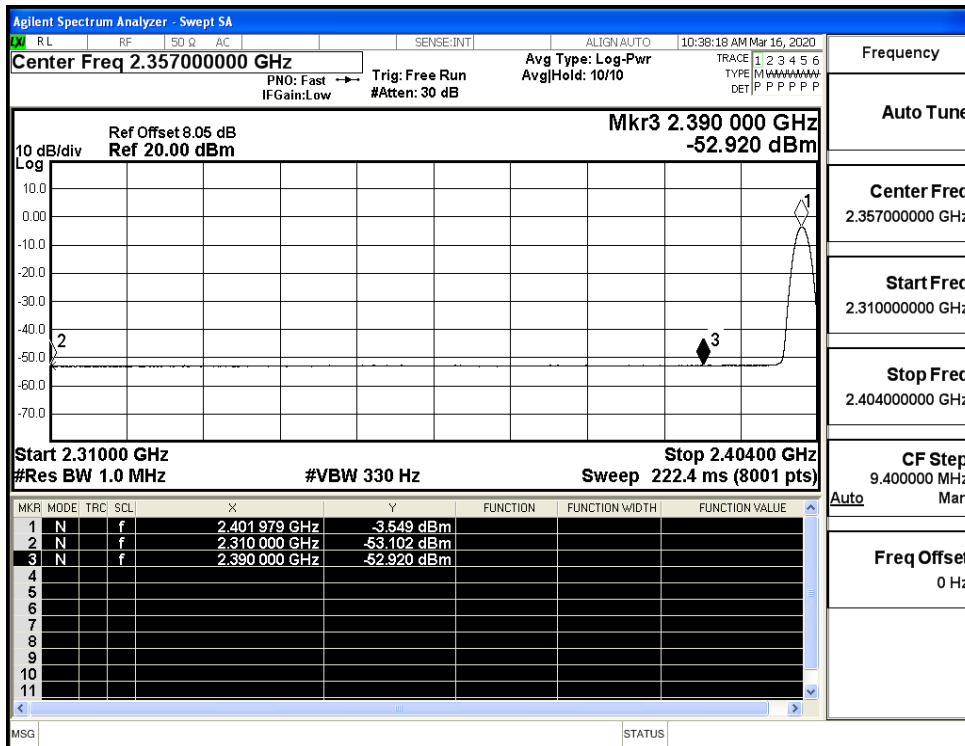
Restrict-band band-edge measurements\_Hopping Off\_π/4-DQPSK\_Average (High Channel)



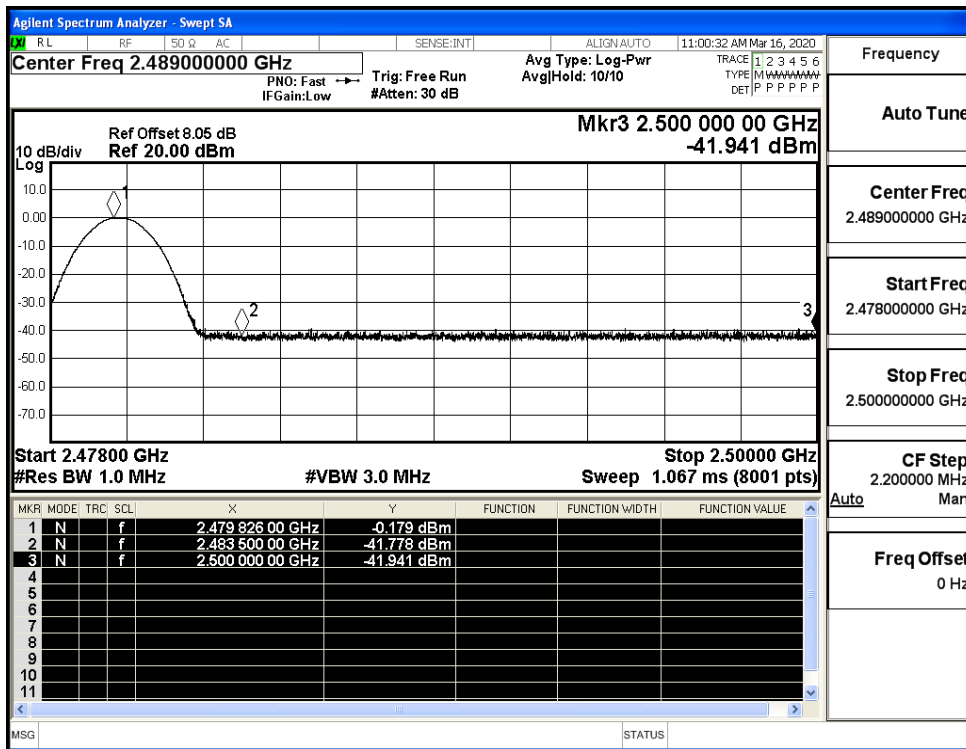
Restrict-band band-edge measurements\_Hopping Off\_8DPSK\_PEAK (Low Channel)



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)

