

## Appendix A

### RF Test Data for BT V4.2(DSS) (Conducted Measurement)

Product Name: projector

Trade Mark: N/A

Test Model: A30

#### Environmental Conditions

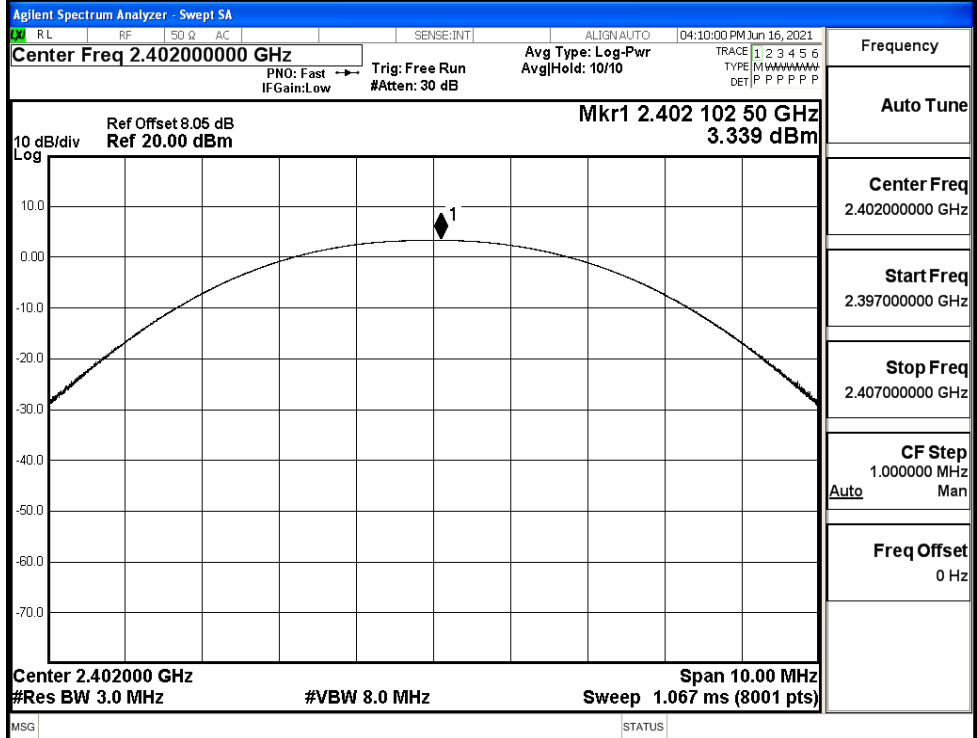
|                    |           |
|--------------------|-----------|
| Temperature:       | 21.6℃     |
| Relative Humidity: | 52.7%     |
| ATM Pressure:      | 100.0 kPa |
| Test Engineer:     | Ken He    |
| Supervised by:     | Li Huan   |

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

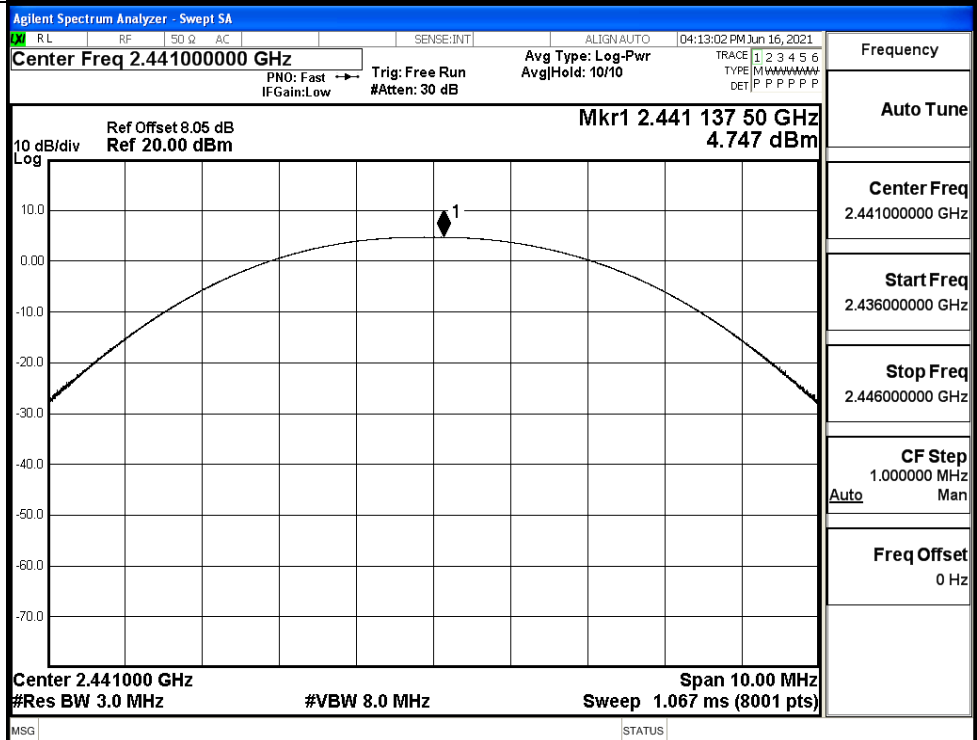
| Mode          | Channel. | Maximum Peak Output Power [dBm] | Limit [dBm] | Verdict |
|---------------|----------|---------------------------------|-------------|---------|
| GFSK          | LCH      | 3.339                           | 21          | PASS    |
|               | MCH      | 4.747                           | 21          | PASS    |
|               | HCH      | 3.157                           | 21          | PASS    |
| $\pi/4$ DQPSK | LCH      | 2.652                           | 21          | PASS    |
|               | MCH      | 4.029                           | 21          | PASS    |
|               | HCH      | 2.450                           | 21          | PASS    |
| 8DPSK         | LCH      | 2.783                           | 21          | PASS    |
|               | MCH      | 4.108                           | 21          | PASS    |
|               | HCH      | 2.540                           | 21          | PASS    |

# Test Graphs

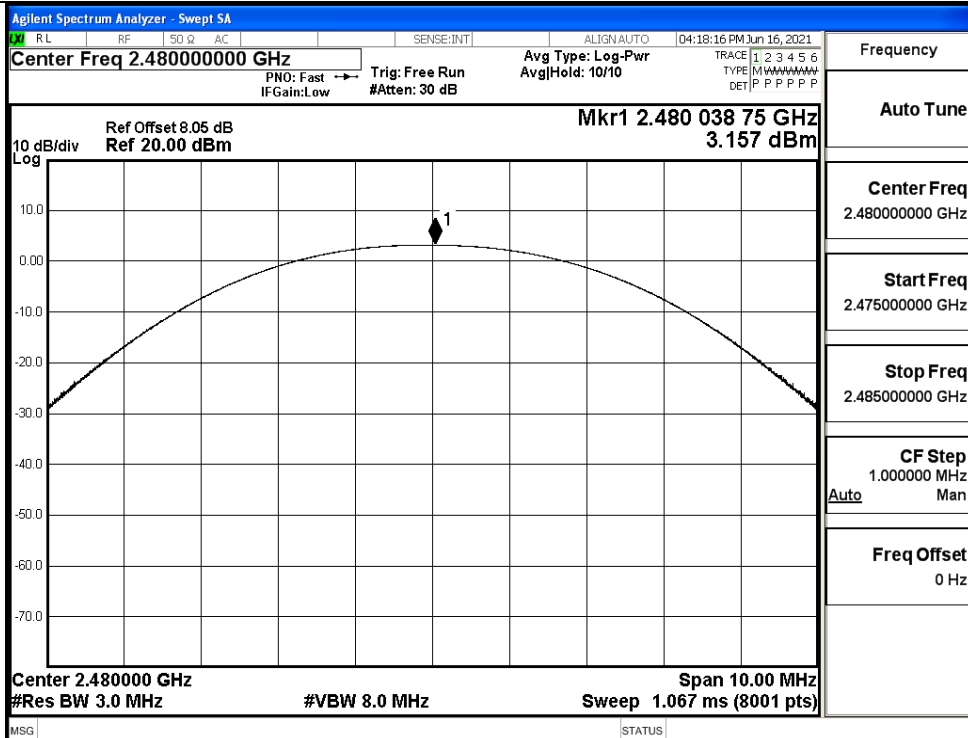
GFSK/LCH



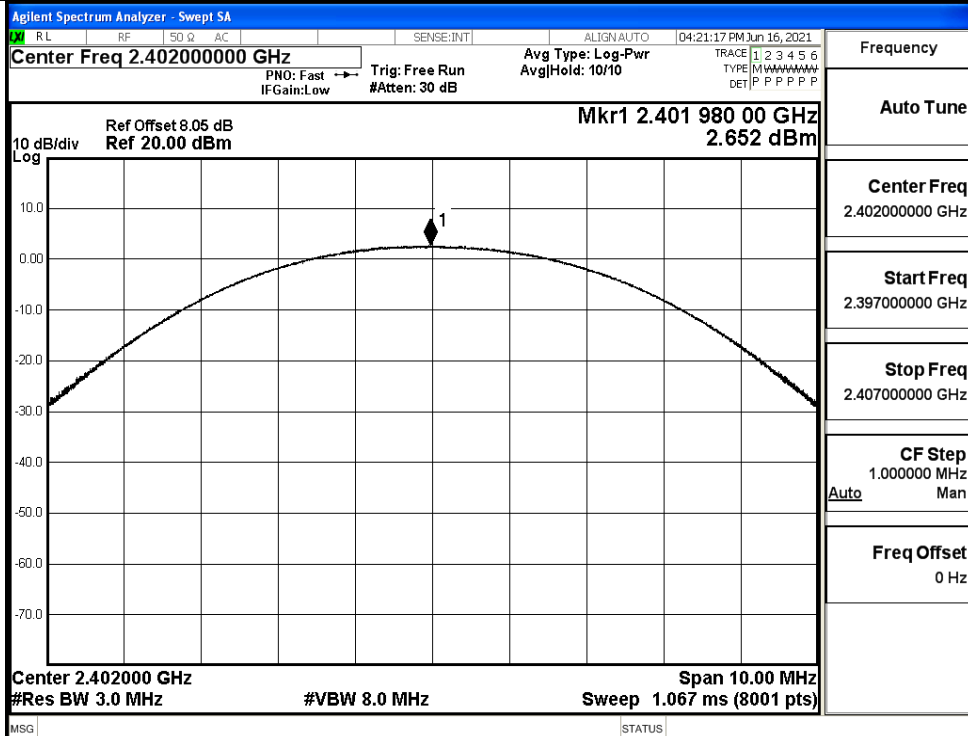
GFSK/MCH



GFSK/HCH

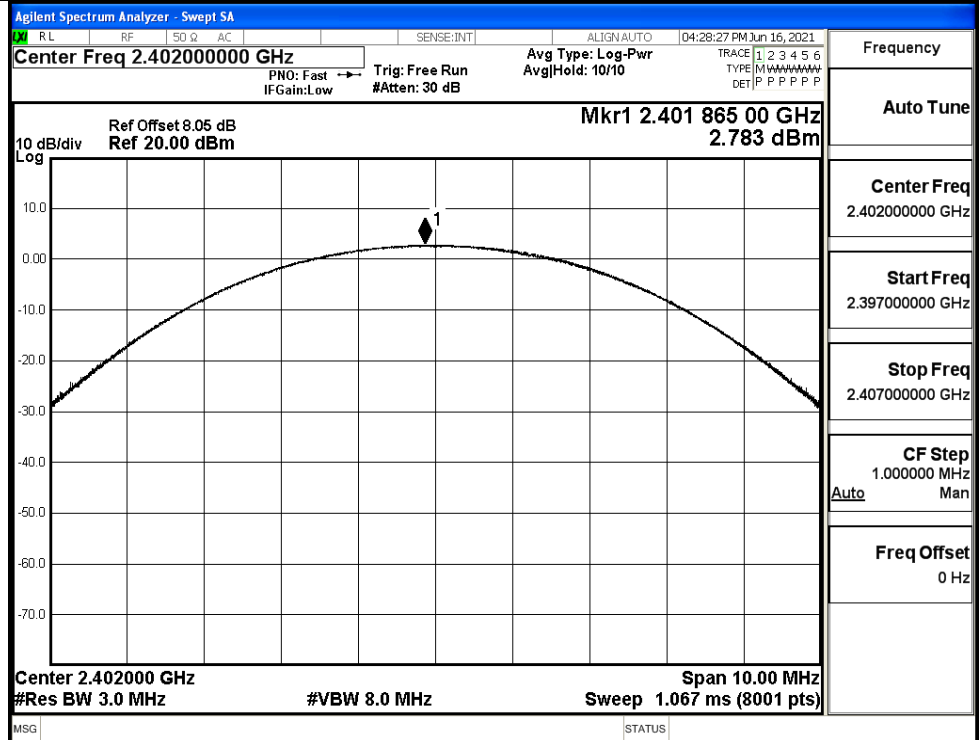


$\pi/4$ DQPSK/LCH

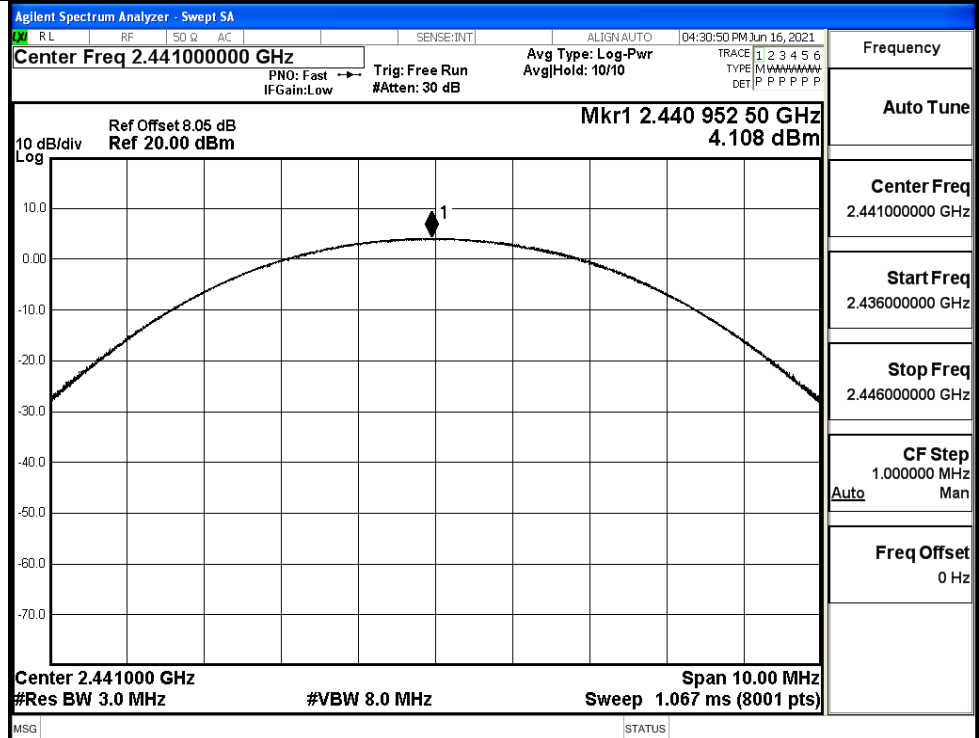


|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><math>\pi/4</math>DQPSK/MCH</p> | <div> <div> Agilent Spectrum Analyzer - Swept SA<br/> RL RF 50 Q AC SENSE:INT ALIGN: AUTO 04:24:26 PM Jun 16, 2021<br/> <b>Center Freq 2.441000000 GHz</b><br/> PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: Log-Pwr AvgHold: 10/10<br/> TRACE 1 2 3 4 5 6<br/> TYPE M W W W W W W W<br/> DET P P P P P P P </div> <div> 10 dB/div<br/> Log<br/> Ref Offset 8.05 dB<br/> Ref 20.00 dBm<br/> Mkr1 2.441 103.75 GHz<br/> 4.029 dBm </div> <div> <b>Center 2.441000 GHz</b><br/> #Res BW 3.0 MHz #VBW 8.0 MHz <b>Span 10.00 MHz</b><br/> Sweep 1.067 ms (8001 pts) </div> <div>MSG STATUS</div> </div> <div> Frequency<br/> Auto Tune<br/> Center Freq<br/> 2.441000000 GHz<br/> Start Freq<br/> 2.436000000 GHz<br/> Stop Freq<br/> 2.446000000 GHz<br/> CF Step<br/> 1.000000 MHz<br/> Auto Man<br/> Freq Offset<br/> 0 Hz </div> |
| <p><math>\pi/4</math>DQPSK/HCH</p> | <div> <div> Agilent Spectrum Analyzer - Swept SA<br/> RL RF 50 Q AC SENSE:INT ALIGN: AUTO 04:26:01 PM Jun 16, 2021<br/> <b>Center Freq 2.480000000 GHz</b><br/> PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: Log-Pwr AvgHold: 10/10<br/> TRACE 1 2 3 4 5 6<br/> TYPE M W W W W W W W<br/> DET P P P P P P P </div> <div> 10 dB/div<br/> Log<br/> Ref Offset 8.05 dB<br/> Ref 20.00 dBm<br/> Mkr1 2.479 976.25 GHz<br/> 2.450 dBm </div> <div> <b>Center 2.480000 GHz</b><br/> #Res BW 3.0 MHz #VBW 8.0 MHz <b>Span 10.00 MHz</b><br/> Sweep 1.067 ms (8001 pts) </div> <div>MSG STATUS</div> </div> <div> Frequency<br/> Auto Tune<br/> Center Freq<br/> 2.480000000 GHz<br/> Start Freq<br/> 2.475000000 GHz<br/> Stop Freq<br/> 2.485000000 GHz<br/> CF Step<br/> 1.000000 MHz<br/> Auto Man<br/> Freq Offset<br/> 0 Hz </div> |

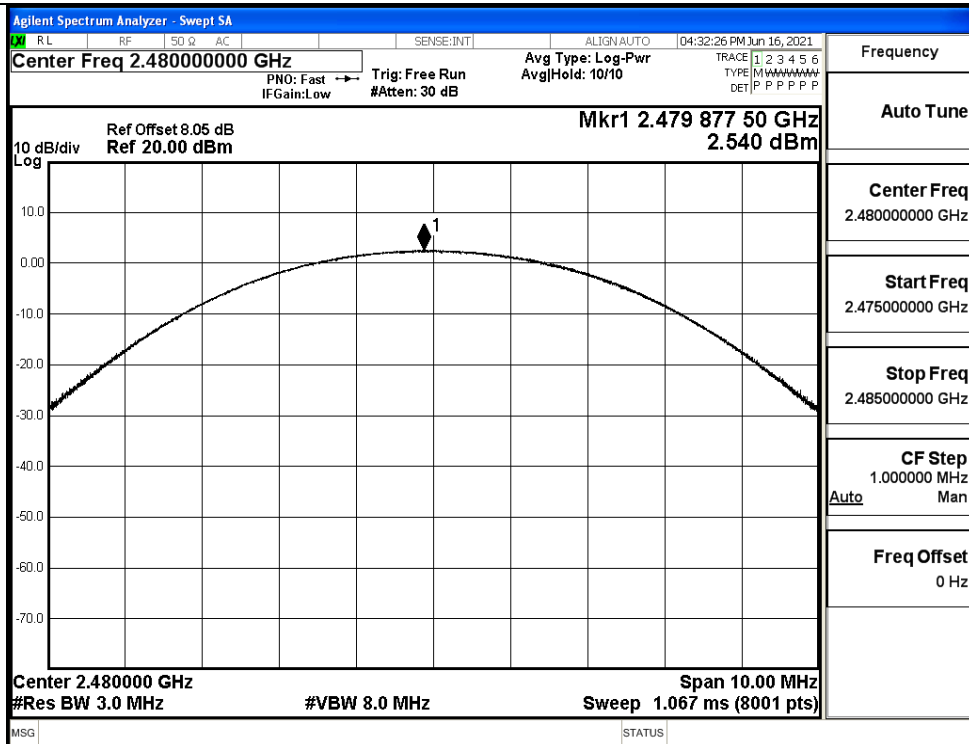
8DPSK/LCH



8DPSK/MCH



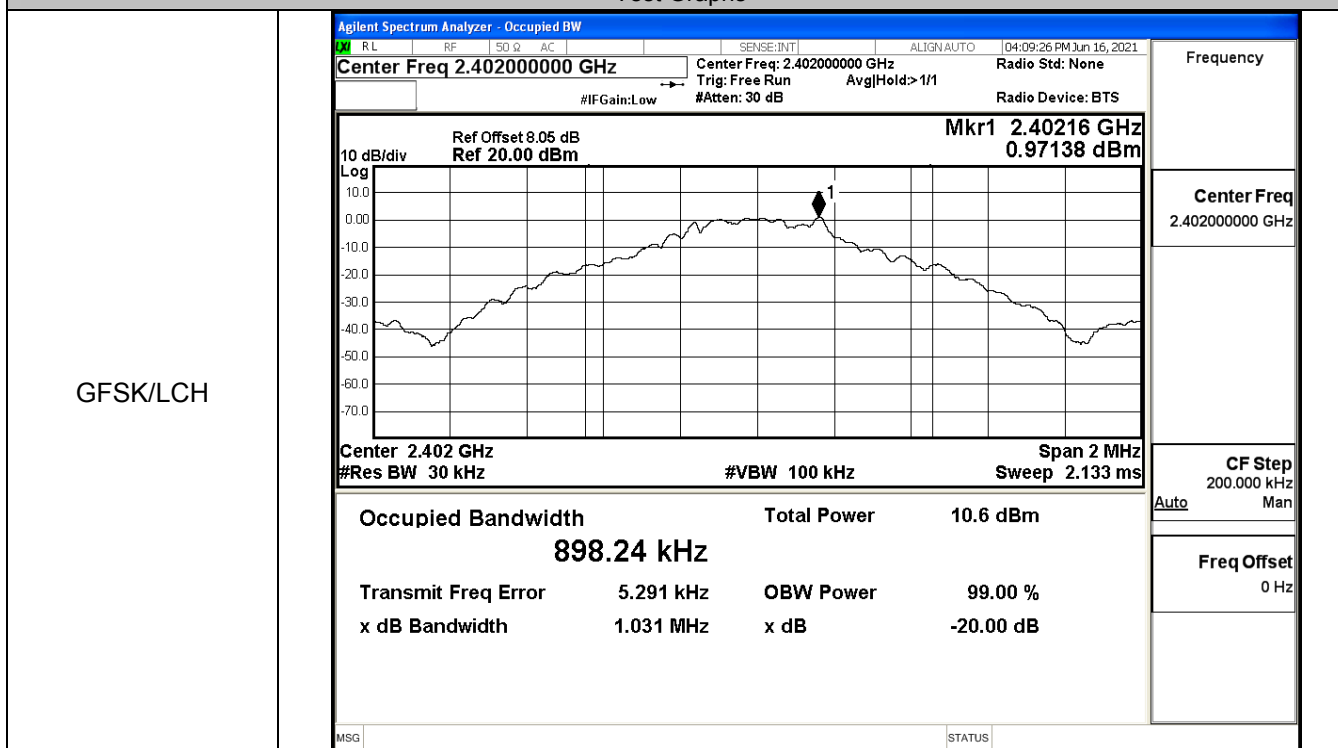
8DPSK/HCH



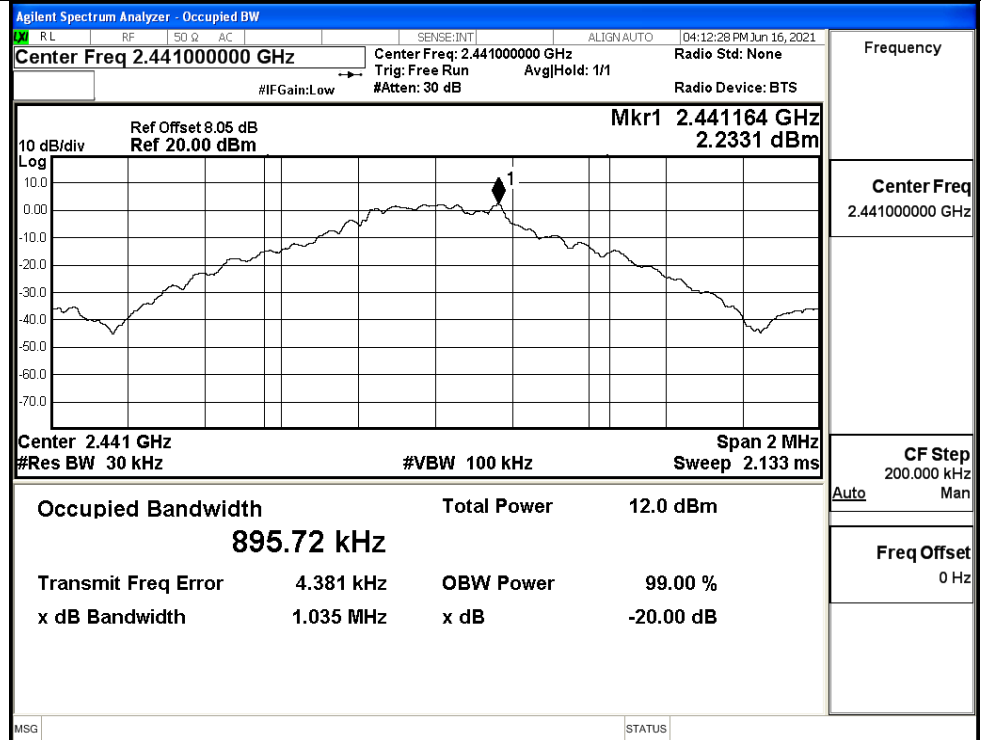
## A.2 20dB Bandwidth

| Mode          | Channel. | 20dB Bandwidth [MHz] | Limit [MHz]   | Verdict |
|---------------|----------|----------------------|---------------|---------|
| GFSK          | LCH      | 1.031                | Not Specified | PASS    |
|               | MCH      | 1.035                | Not Specified | PASS    |
|               | HCH      | 1.038                | Not Specified | PASS    |
| $\pi/4$ DQPSK | LCH      | 1.289                | Not Specified | PASS    |
|               | MCH      | 1.289                | Not Specified | PASS    |
|               | HCH      | 1.310                | Not Specified | PASS    |
| 8DPSK         | LCH      | 1.291                | Not Specified | PASS    |
|               | MCH      | 1.291                | Not Specified | PASS    |
|               | HCH      | 1.295                | Not Specified | PASS    |

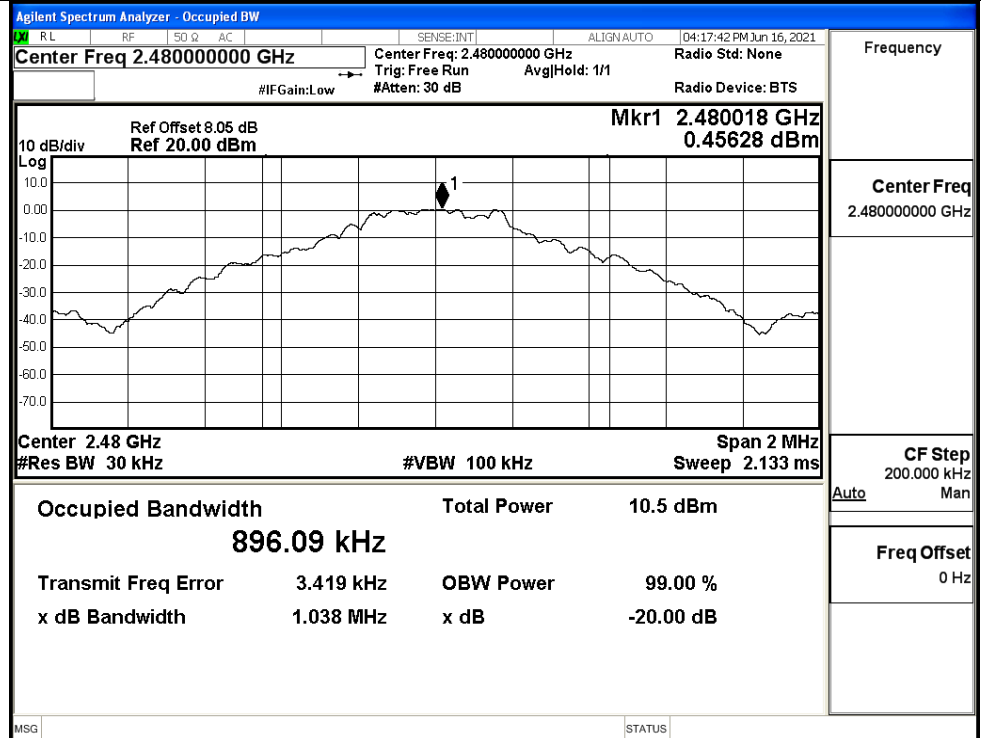
Test Graphs

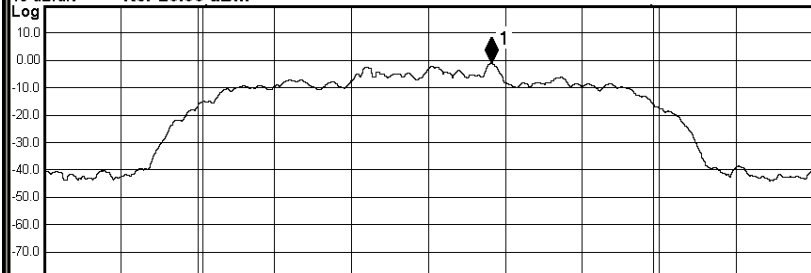


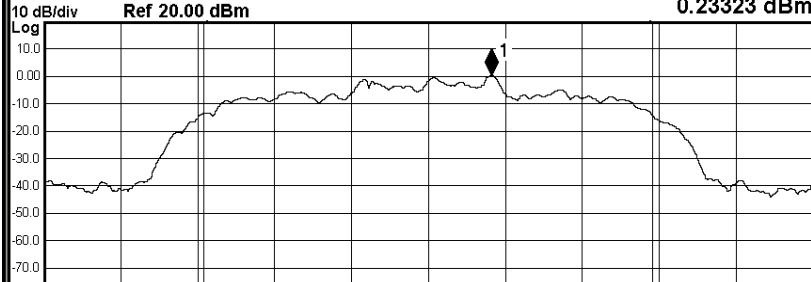
GFSK/MCH



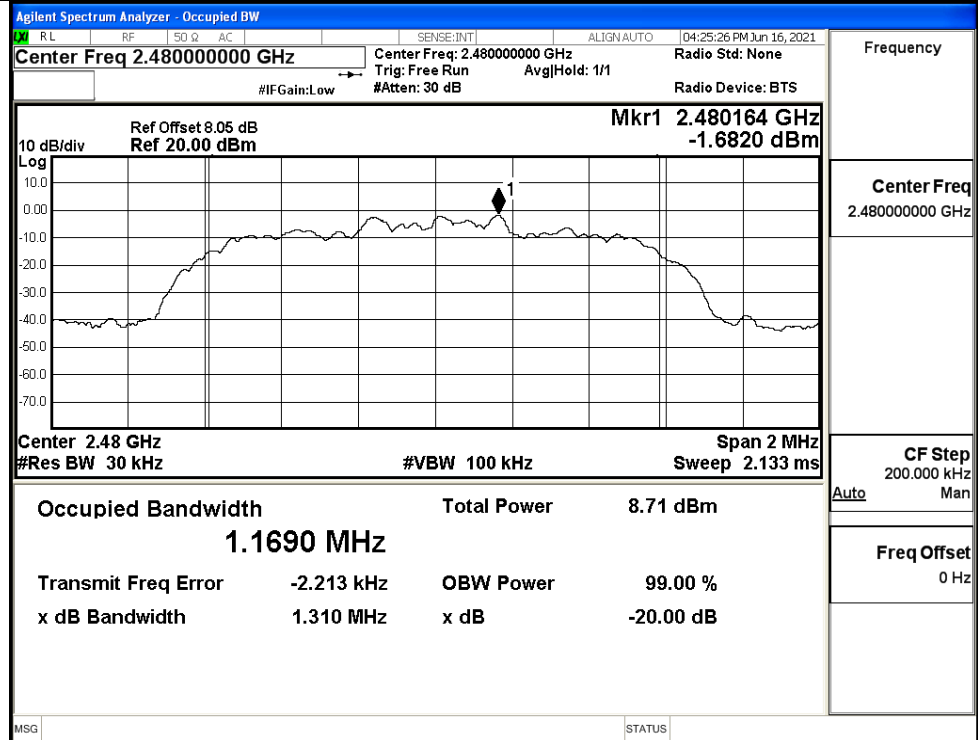
GFSK/HCH



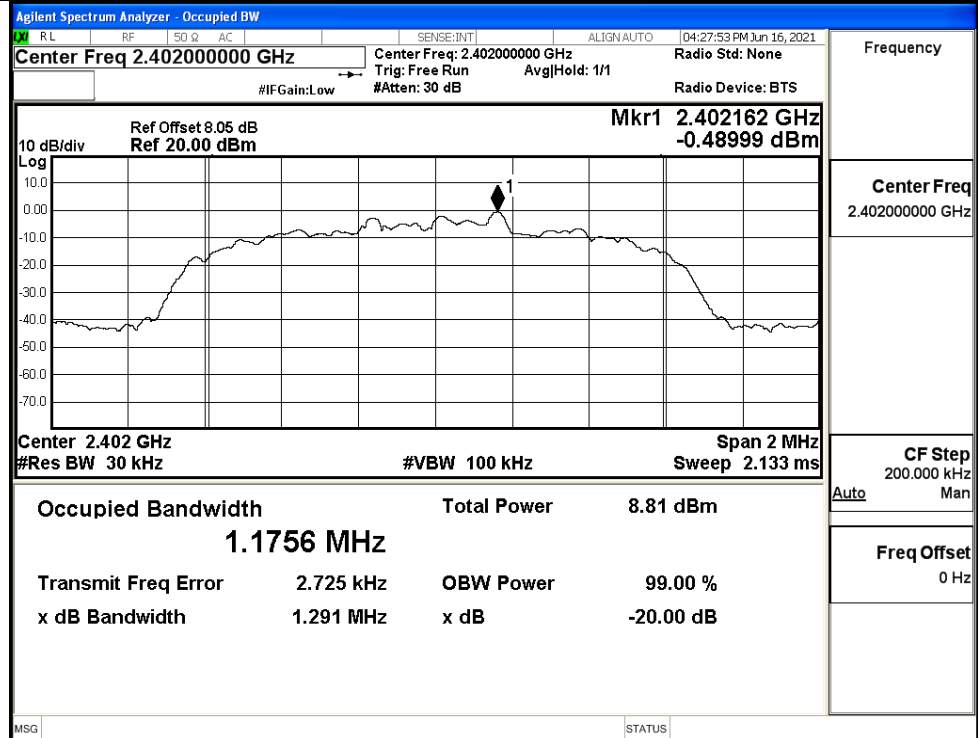
|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |                                           |                                                 |                                 |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------------------|-------------------------------------------------|---------------------------------|
| $\pi/4$ DQPSK/LCH               | <div><div>Agilent Spectrum Analyzer - Occupied BW</div><div><div><div><div>RL</div><div>RF</div><div>50 <math>\Omega</math></div><div>AC</div></div><div><div>SENSE:INT</div><div>ALIGN:Auto</div><div>04:20:44 PM Jun 16, 2021</div></div></div><div><div>Center Freq 2.40200000 GHz</div><div>Center Freq: 2.402000000 GHz</div><div>Trig: Free Run</div><div>Avg/Hold: 1/1</div><div>Radio Std: None</div><div>#IFGain:Low</div><div>#Atten: 30 dB</div><div>Radio Device: BTS</div></div><div><div>10 dB/div</div><div>Ref Offset 8.05 dB</div><div>Ref 20.00 dBm</div><div>Mkr1 2.402164 GHz</div><div>-1.1567 dBm</div><div></div></div><div><div>Center 2.402 GHz</div><div>#Res BW 30 kHz</div><div>#VBW 100 kHz</div><div>Span 2 MHz</div><div>Sweep 2.133 ms</div></div><div><div>Occupied Bandwidth</div><div>1.1698 MHz</div><div>Total Power</div><div>8.72 dBm</div></div><div><div>Transmit Freq Error</div><div>-209 Hz</div><div>OBW Power</div><div>99.00 %</div></div><div><div>x dB Bandwidth</div><div>1.289 MHz</div><div>x dB</div><div>-20.00 dB</div></div><div>MSG</div><div>STATUS</div></div><tr><td><div>Frequency</div></td></tr><tr><td><div>Center Freq<br/>2.40200000 GHz</div></td></tr><tr><td><div>CF Step<br/>200.000 kHz<br/>Auto Man</div></td></tr><tr><td><div>Freq Offset<br/>0 Hz</div></td></tr></div> | <div>Frequency</div> | <div>Center Freq<br/>2.40200000 GHz</div> | <div>CF Step<br/>200.000 kHz<br/>Auto Man</div> | <div>Freq Offset<br/>0 Hz</div> |
|                                 | <div>Frequency</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                      |                                           |                                                 |                                 |
|                                 | <div>Center Freq<br/>2.40200000 GHz</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                      |                                           |                                                 |                                 |
|                                 | <div>CF Step<br/>200.000 kHz<br/>Auto Man</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |                                           |                                                 |                                 |
| <div>Freq Offset<br/>0 Hz</div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |                                           |                                                 |                                 |

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                      |                                           |                                                 |                                 |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------------------|-------------------------------------------------|---------------------------------|
| $\pi/4$ DQPSK/MCH               | <div><div>Agilent Spectrum Analyzer - Occupied BW</div><div><div><div><div>RL</div><div>RF</div><div>50 <math>\Omega</math></div><div>AC</div></div><div><div>SENSE:INT</div><div>ALIGN:Auto</div><div>04:23:51 PM Jun 16, 2021</div></div></div><div><div>Center Freq 2.44100000 GHz</div><div>Center Freq: 2.441000000 GHz</div><div>Trig: Free Run</div><div>Avg/Hold: 1/1</div><div>Radio Std: None</div><div>#IFGain:Low</div><div>#Atten: 30 dB</div><div>Radio Device: BTS</div></div><div><div>10 dB/div</div><div>Ref Offset 8.05 dB</div><div>Ref 20.00 dBm</div><div>Mkr1 2.441164 GHz</div><div>0.23323 dBm</div><div></div></div><div><div>Center 2.441 GHz</div><div>#Res BW 30 kHz</div><div>#VBW 100 kHz</div><div>Span 2 MHz</div><div>Sweep 2.133 ms</div></div><div><div>Occupied Bandwidth</div><div>1.1669 MHz</div><div>Total Power</div><div>10.3 dBm</div></div><div><div>Transmit Freq Error</div><div>-1.178 kHz</div><div>OBW Power</div><div>99.00 %</div></div><div><div>x dB Bandwidth</div><div>1.289 MHz</div><div>x dB</div><div>-20.00 dB</div></div><div>MSG</div><div>STATUS</div></div><tr><td><div>Frequency</div></td></tr><tr><td><div>Center Freq<br/>2.44100000 GHz</div></td></tr><tr><td><div>CF Step<br/>200.000 kHz<br/>Auto Man</div></td></tr><tr><td><div>Freq Offset<br/>0 Hz</div></td></tr></div> | <div>Frequency</div> | <div>Center Freq<br/>2.44100000 GHz</div> | <div>CF Step<br/>200.000 kHz<br/>Auto Man</div> | <div>Freq Offset<br/>0 Hz</div> |
|                                 | <div>Frequency</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |                                           |                                                 |                                 |
|                                 | <div>Center Freq<br/>2.44100000 GHz</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                      |                                           |                                                 |                                 |
|                                 | <div>CF Step<br/>200.000 kHz<br/>Auto Man</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                      |                                           |                                                 |                                 |
| <div>Freq Offset<br/>0 Hz</div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                      |                                           |                                                 |                                 |

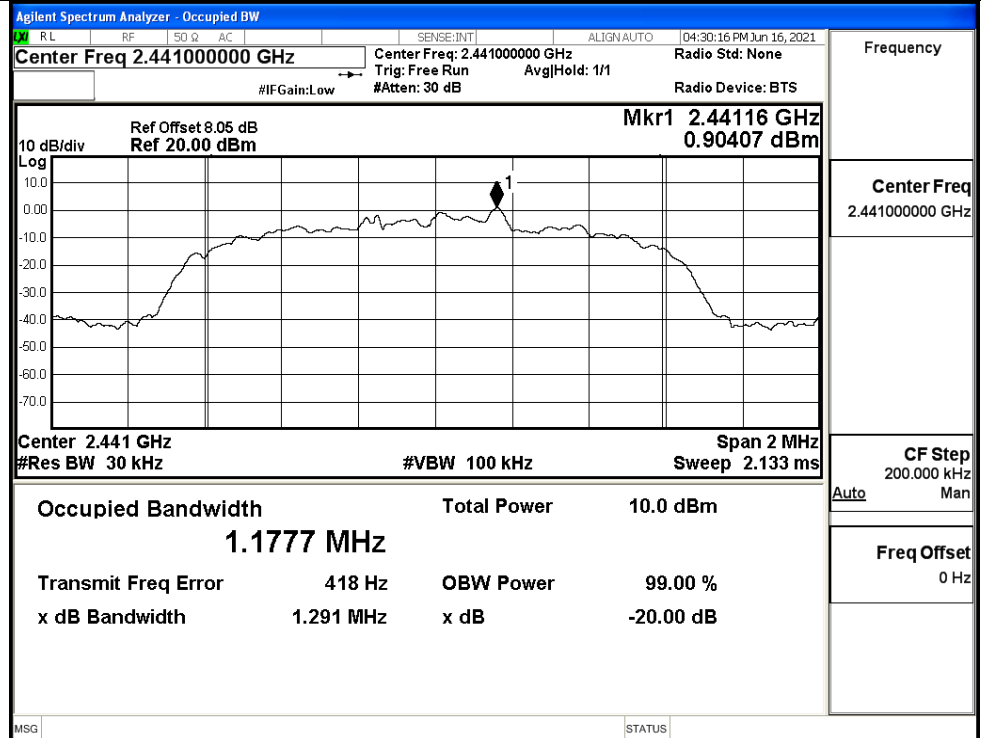
$\pi/4$ DQPSK/HCH



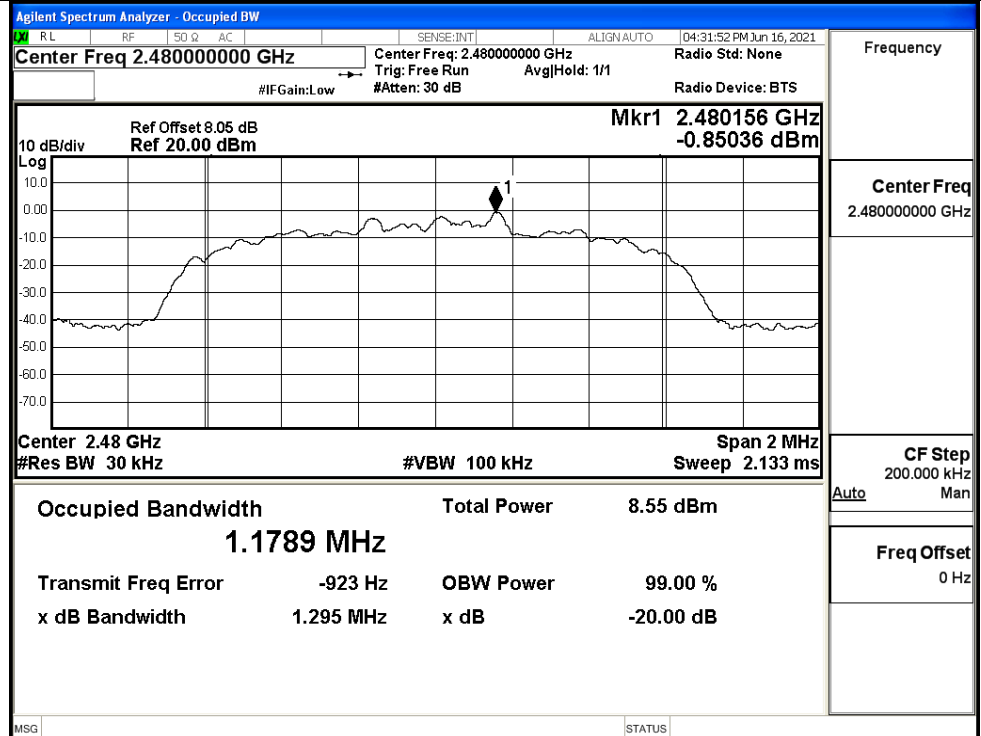
8DPSK/LCH



8DPSK/MCH



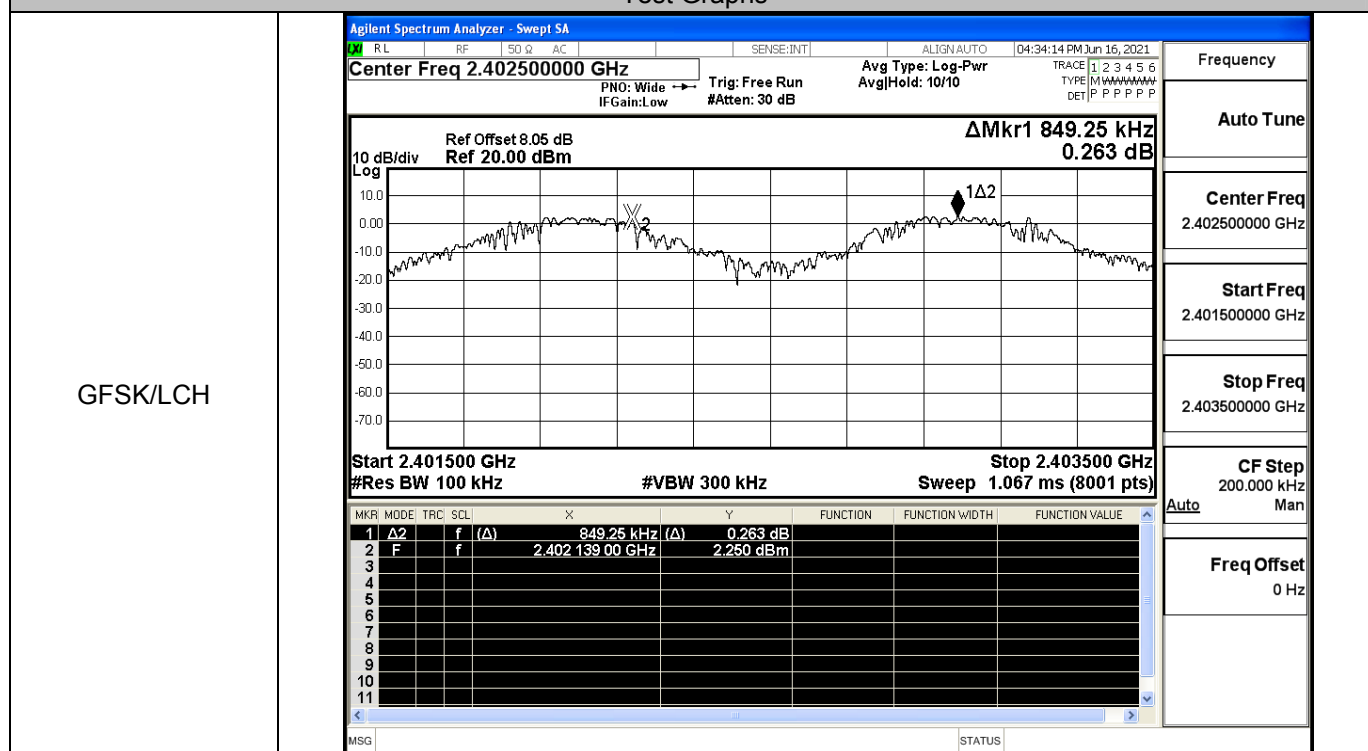
8DPSK/HCH



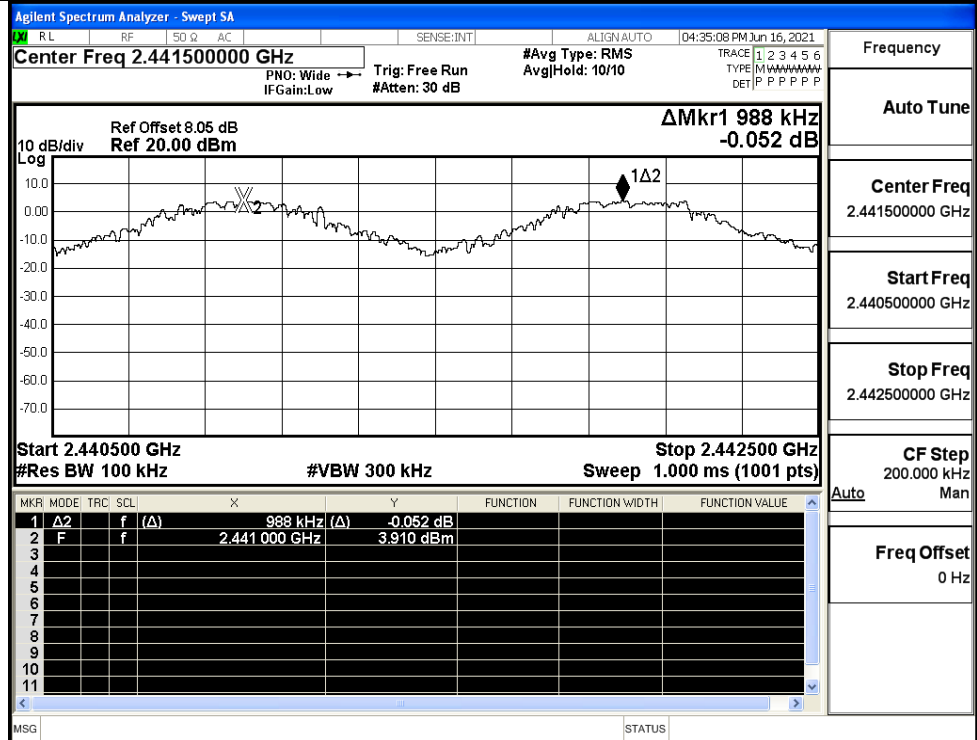
## A.3 Carrier Frequency Separation

| Mode          | Channel | Carrier Frequency Separation [MHz] | Limit [MHz] | Verdict |
|---------------|---------|------------------------------------|-------------|---------|
| GFSK          | LCH     | 0.849                              | 0.692       | PASS    |
|               | MCH     | 0.988                              | 0.692       | PASS    |
|               | HCH     | 1.002                              | 0.692       | PASS    |
| $\pi/4$ DQPSK | LCH     | 0.980                              | 0.873       | PASS    |
|               | MCH     | 0.942                              | 0.873       | PASS    |
|               | HCH     | 1.324                              | 0.873       | PASS    |
| 8DPSK         | LCH     | 0.896                              | 0.863       | PASS    |
|               | MCH     | 1.230                              | 0.863       | PASS    |
|               | HCH     | 1.064                              | 0.863       | PASS    |

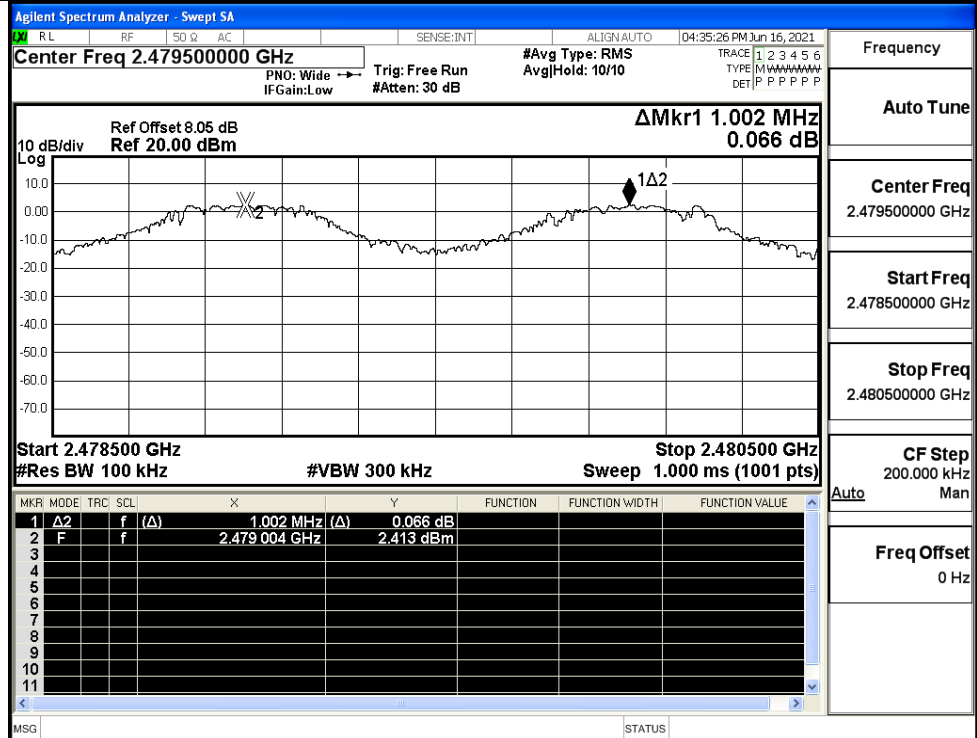
Test Graphs



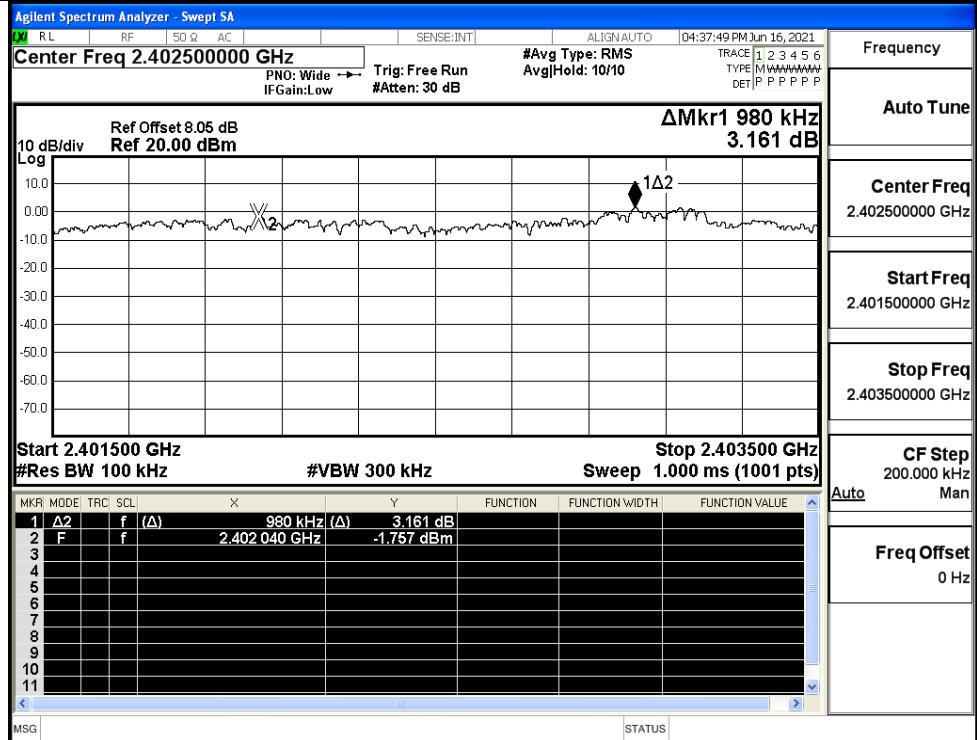
GFSK/MCH



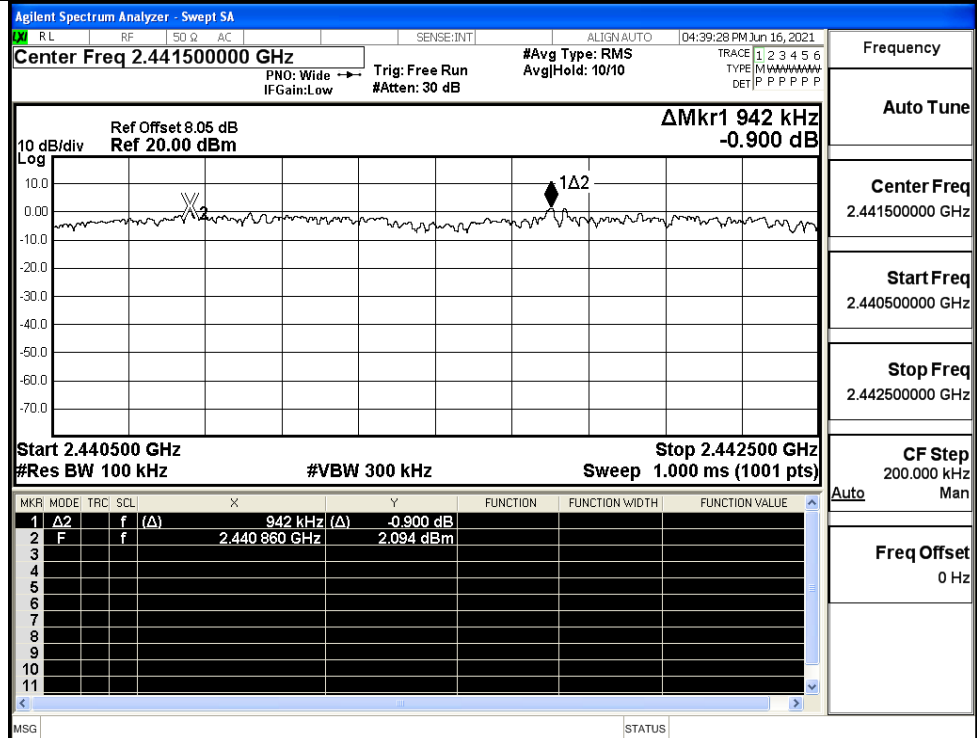
GFSK/HCH



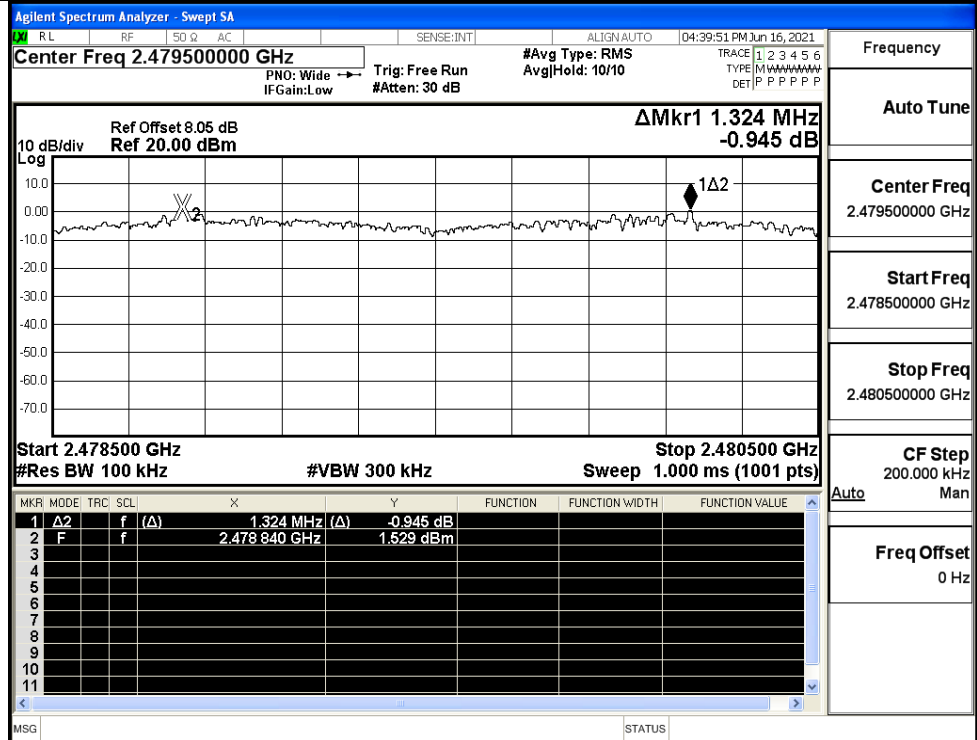
$\pi/4$ DQPSK/LCH



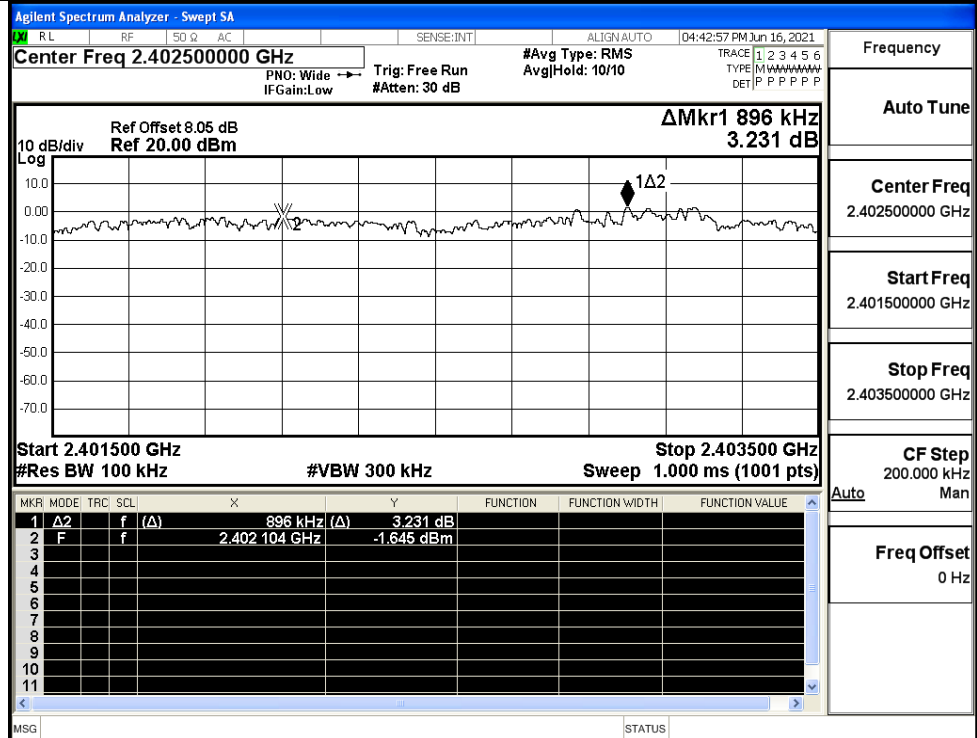
$\pi/4$ DQPSK/MCH



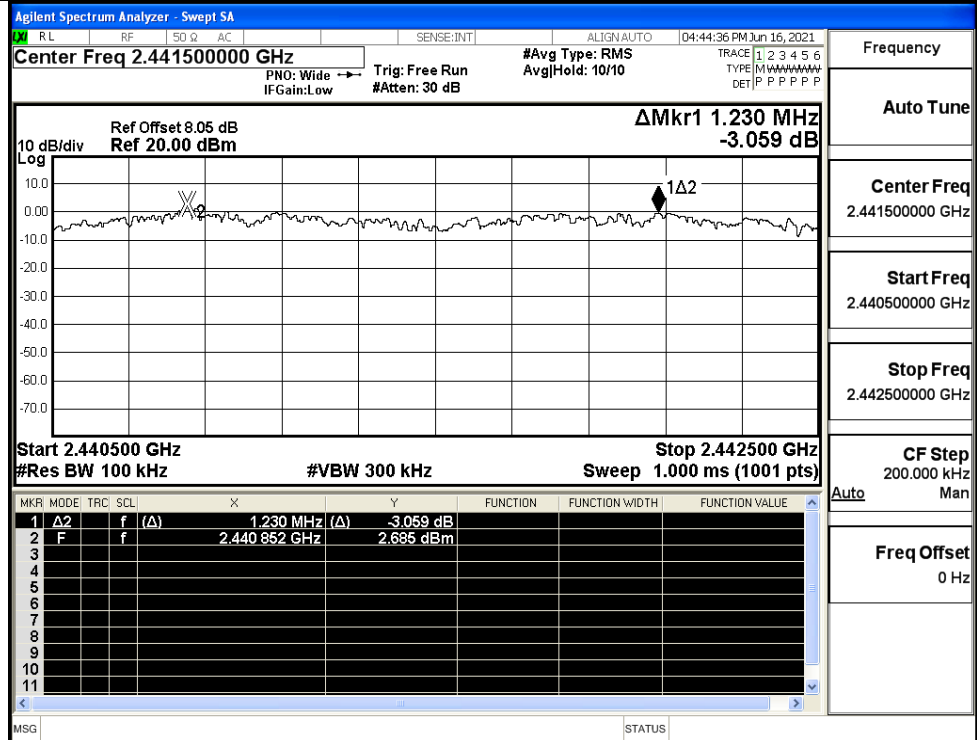
$\pi$ /4DQPSK/HCH



8DPSK/LCH



8DPSK/MCH



Frequency

Auto Tune

Center Freq  
2.441500000 GHz

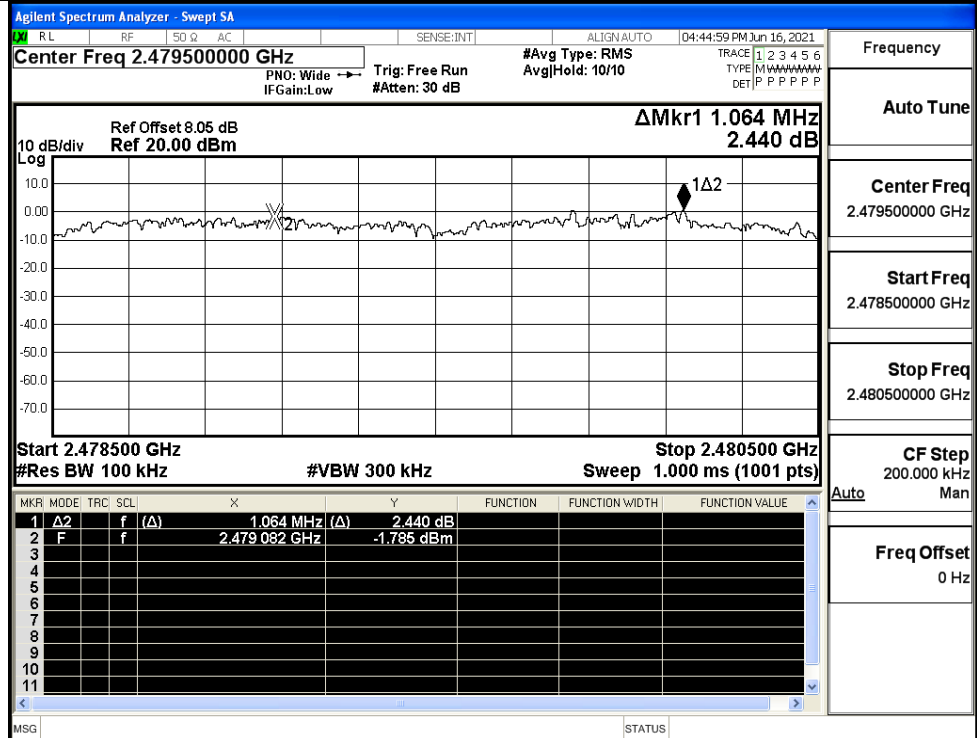
Start Freq  
2.440500000 GHz

Stop Freq  
2.442500000 GHz

CF Step  
200.000 kHz  
Man

Freq Offset  
0 Hz

8DPSK/HCH



Frequency

Auto Tune

Center Freq  
2.479500000 GHz

Start Freq  
2.478500000 GHz

Stop Freq  
2.480500000 GHz

CF Step  
200.000 kHz  
Man

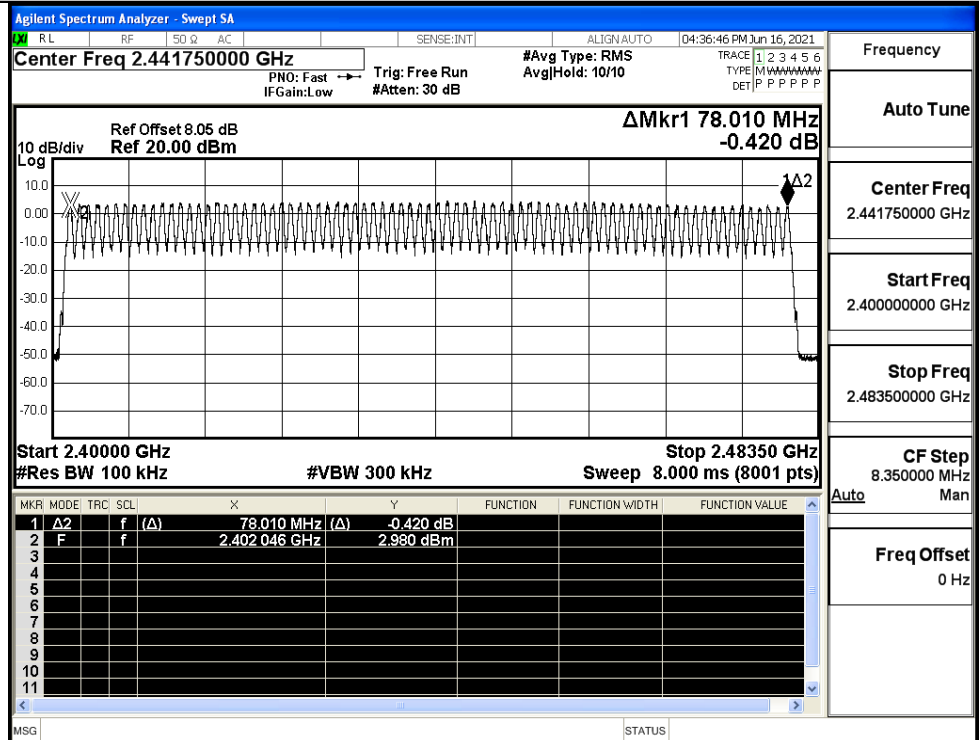
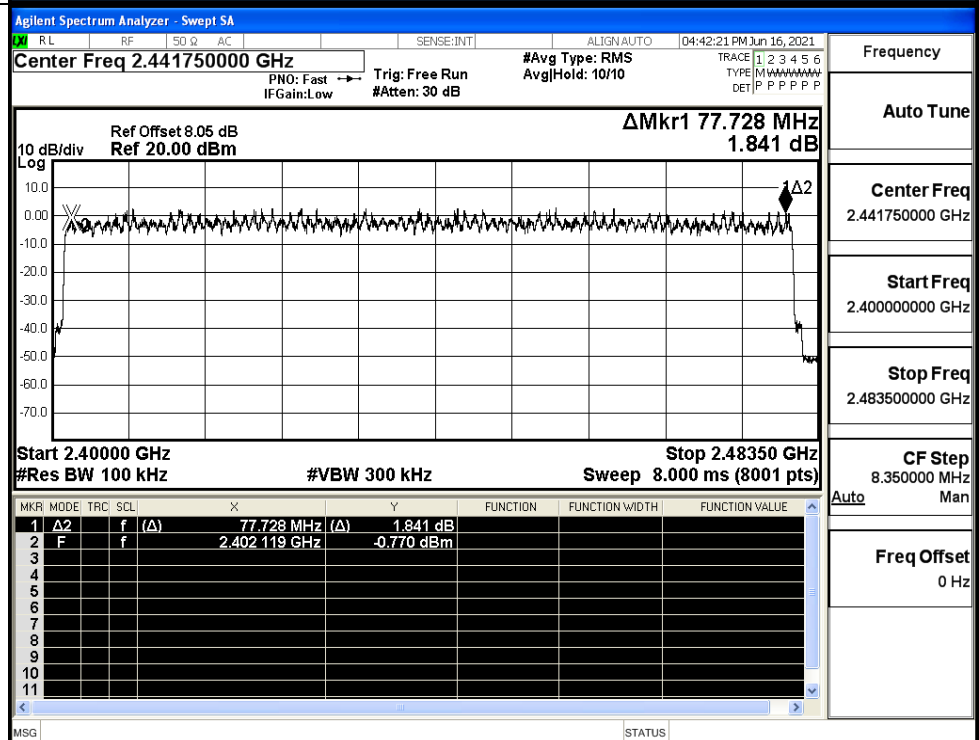
Freq Offset  
0 Hz

## A.4 Hopping Channel Number

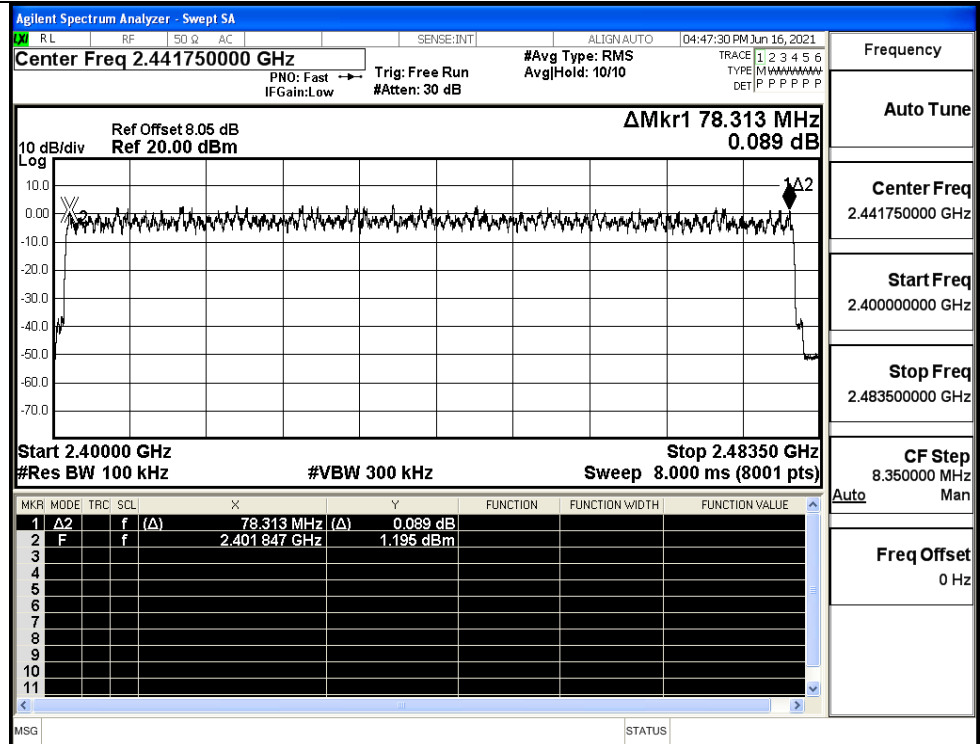
| Mode          | Channel. | Number of Hopping Channel [N] | Limit [N] | Verdict |
|---------------|----------|-------------------------------|-----------|---------|
| GFSK          | Hop      | 79                            | $\geq 15$ | PASS    |
| $\pi/4$ DQPSK | Hop      | 79                    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

## Test Graphs

GFSK/Hop

 $\pi/4$ DQPSK/Hop

8DPSK/Hop

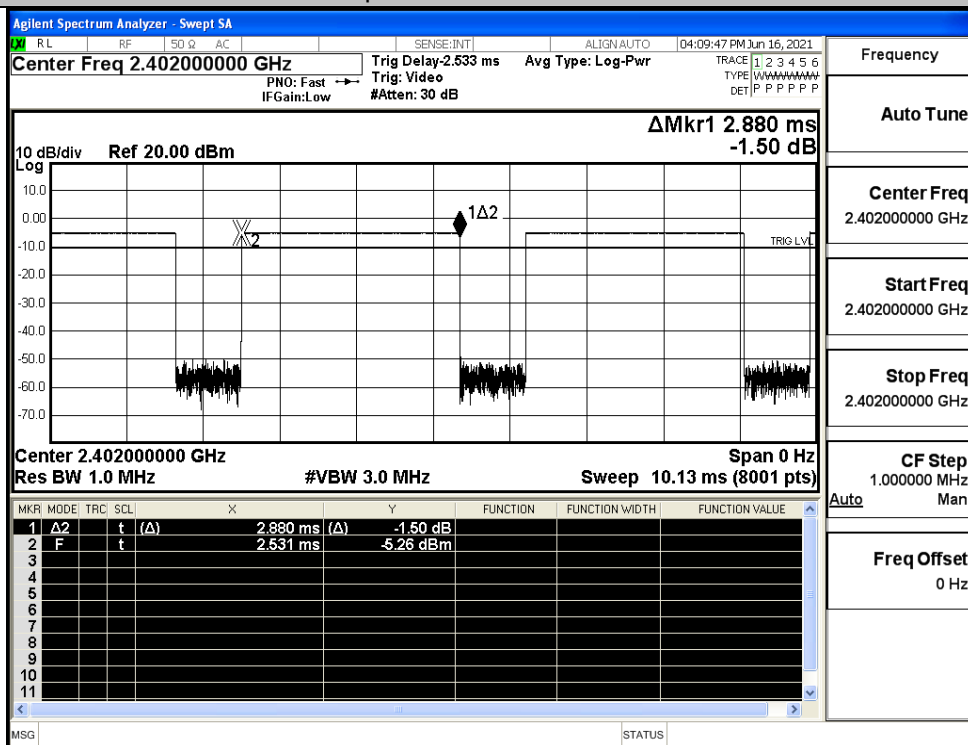


## A.5 Dwell Time

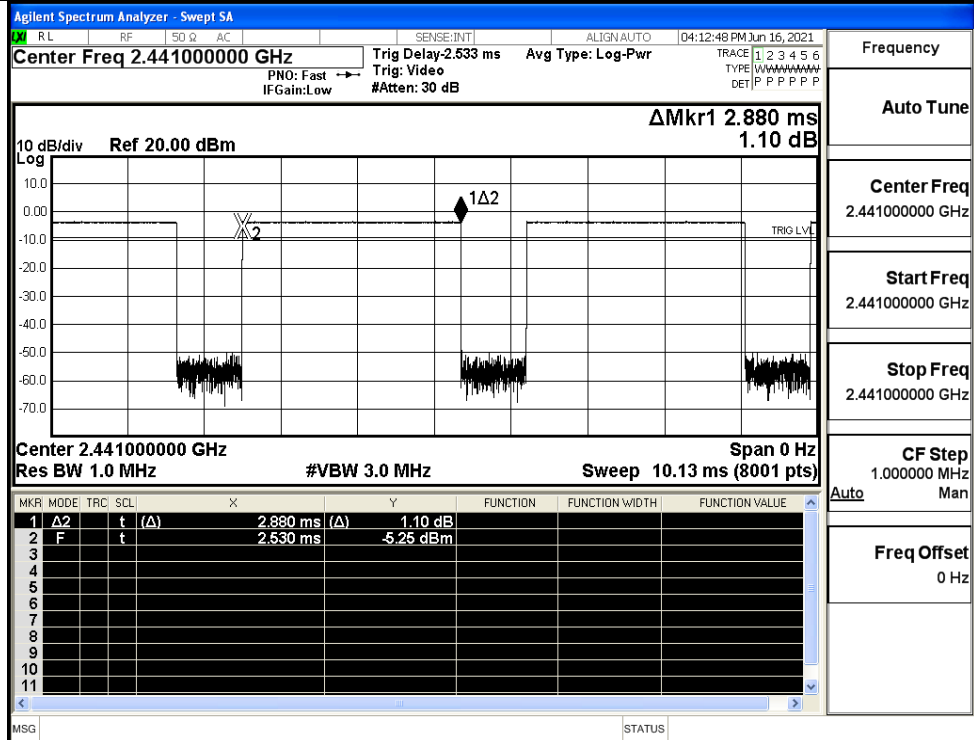
| Mode          | Packet | Channel | Burst Width<br>[ms/hop/ch] | Total<br>Hops[hop*ch] | Dwell Time[s] | Limit [s] | Verdict |
|---------------|--------|---------|----------------------------|-----------------------|---------------|-----------|---------|
| GFSK          | DH5    | LCH     | 2.88   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

## Test Graphs

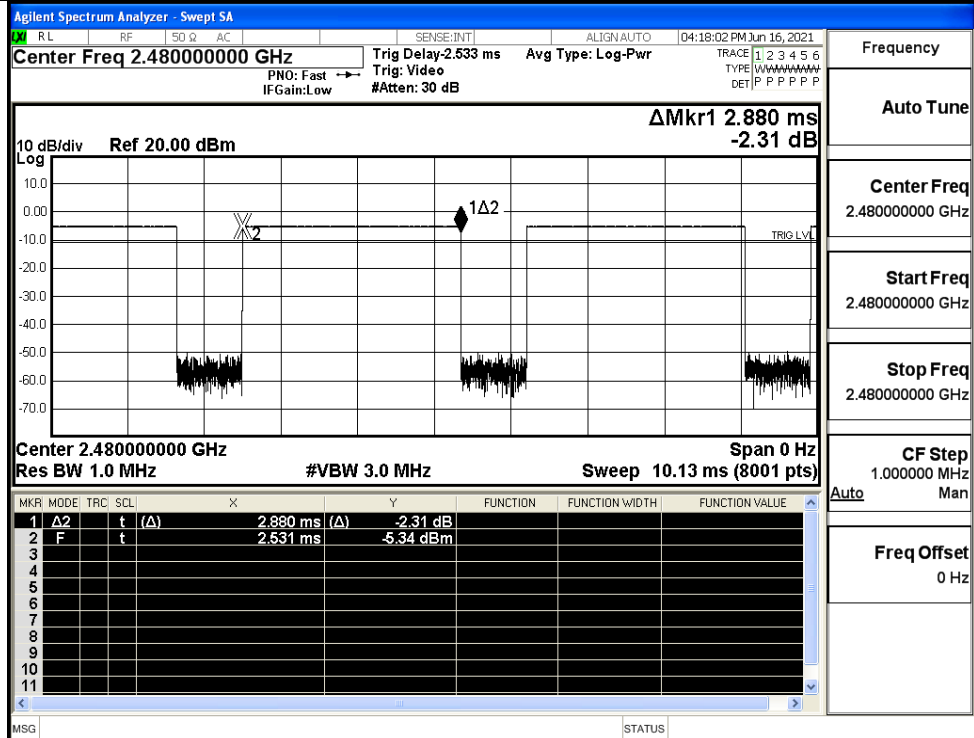
GFSK\_DH5/LCH



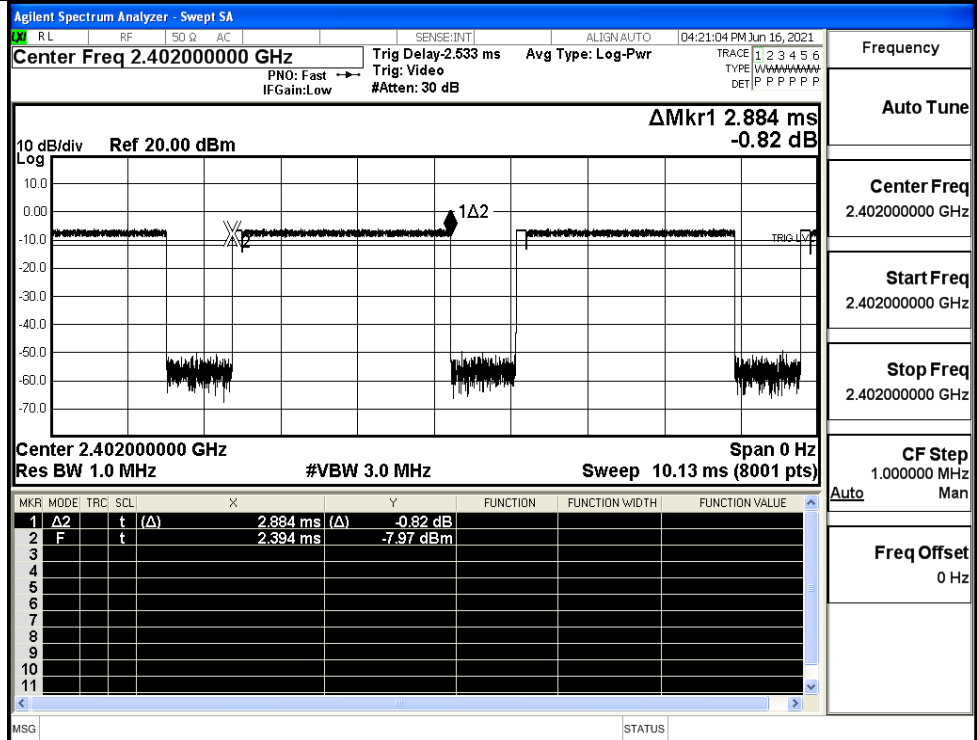
GFSK\_DH5/MCH



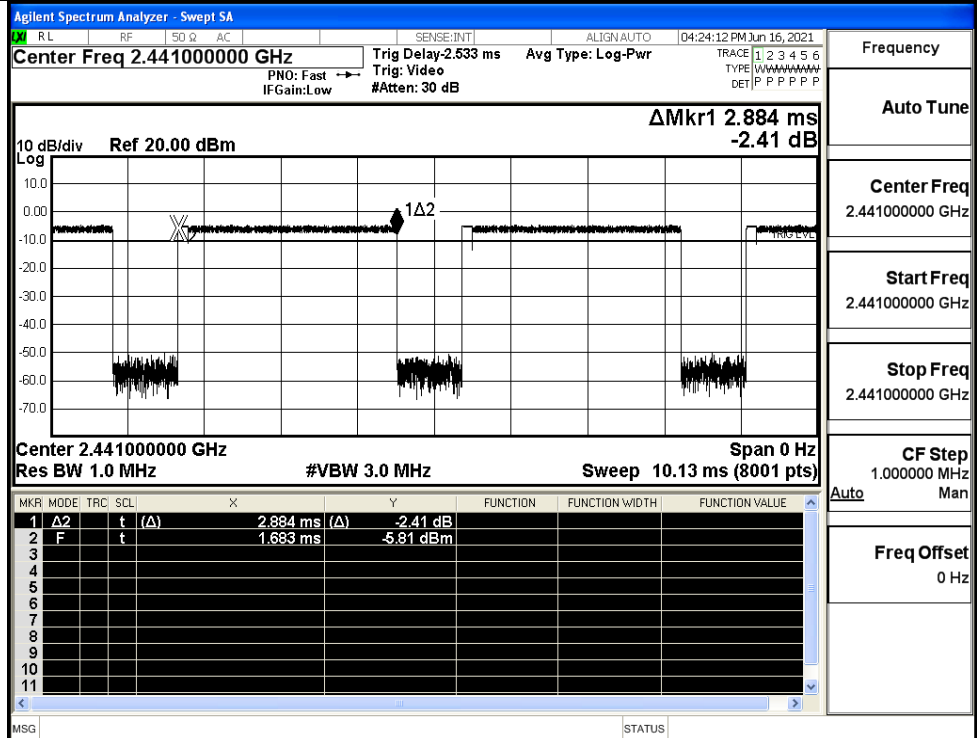
GFSK\_DH5/HCH



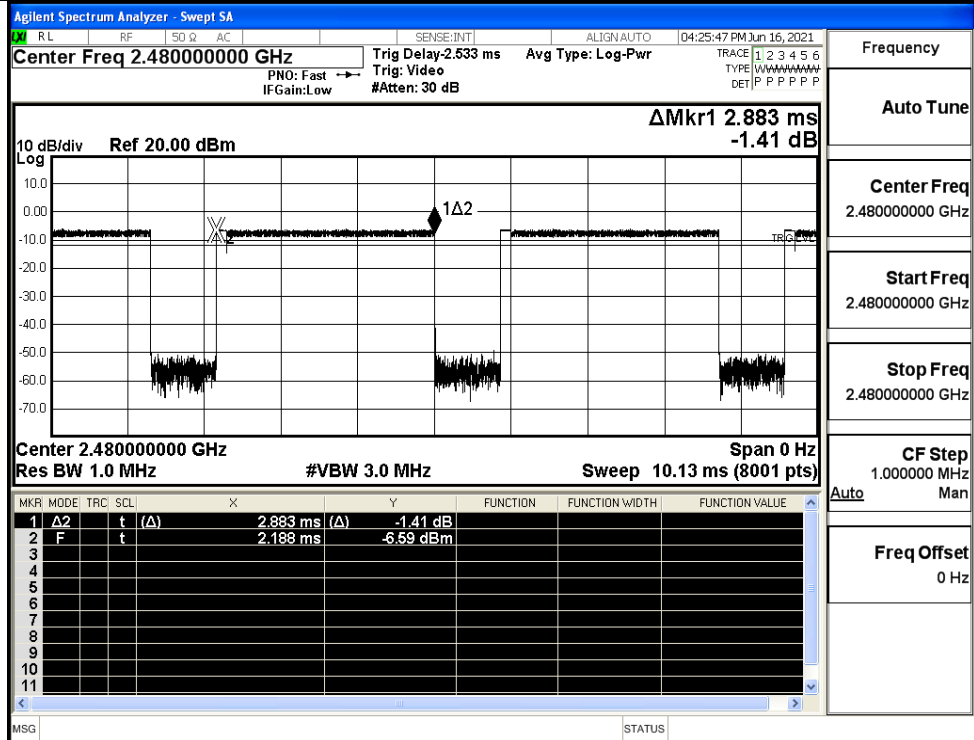
$\pi/4$ DQPSK  
\_2DH5/LCH



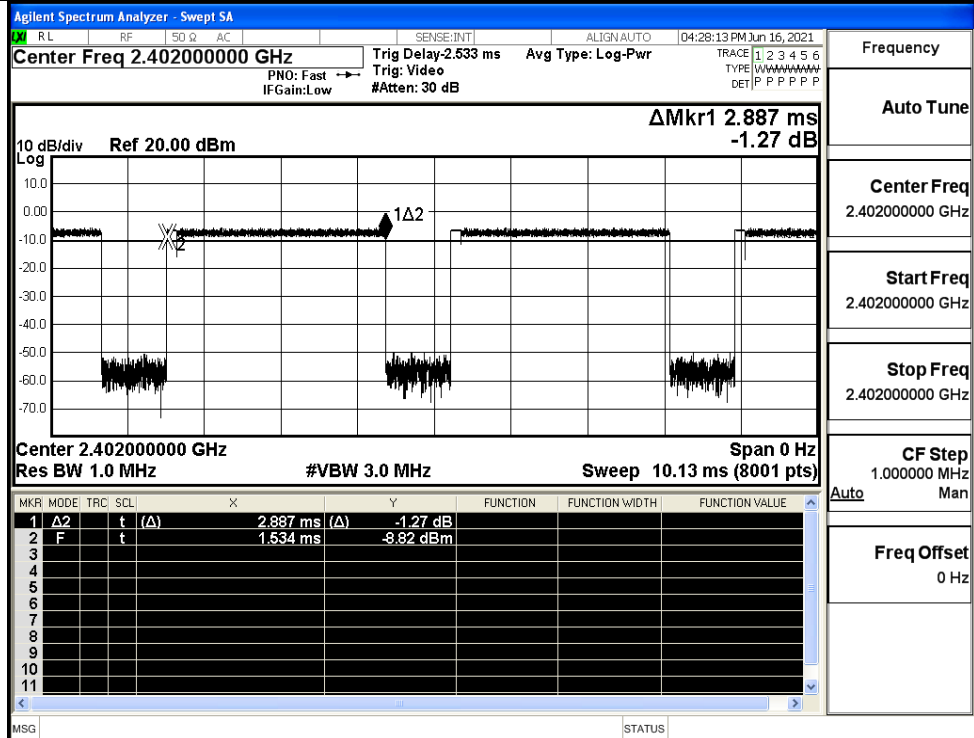
$\pi/4$ DQPSK  
\_2DH5/MCH



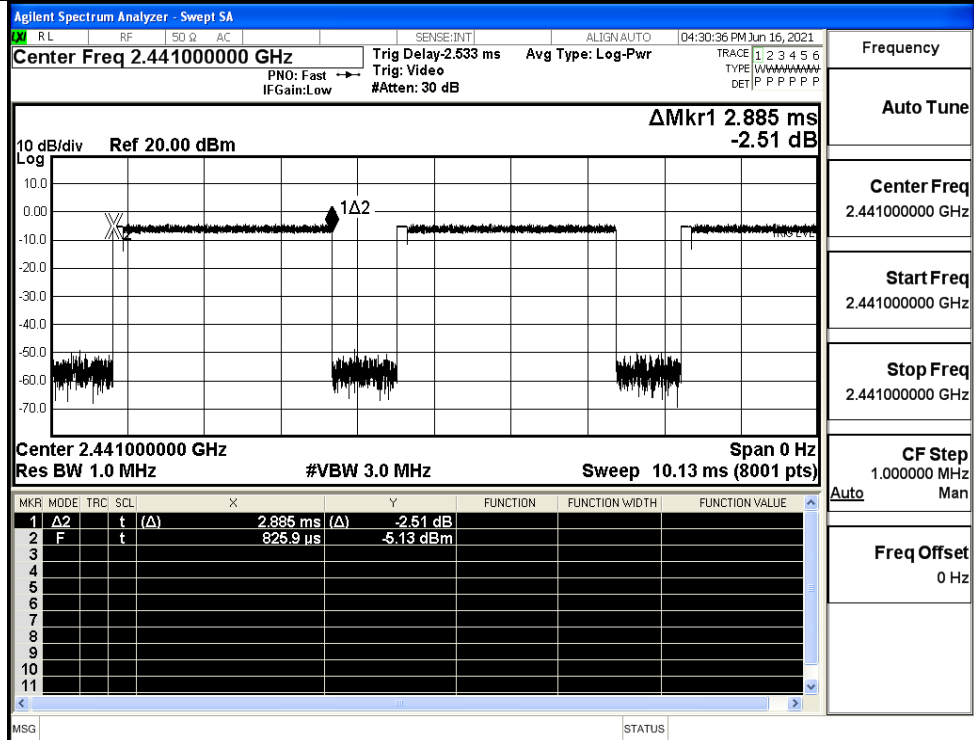
$\pi/4$ DQPSK  
\_2DH5/HCH



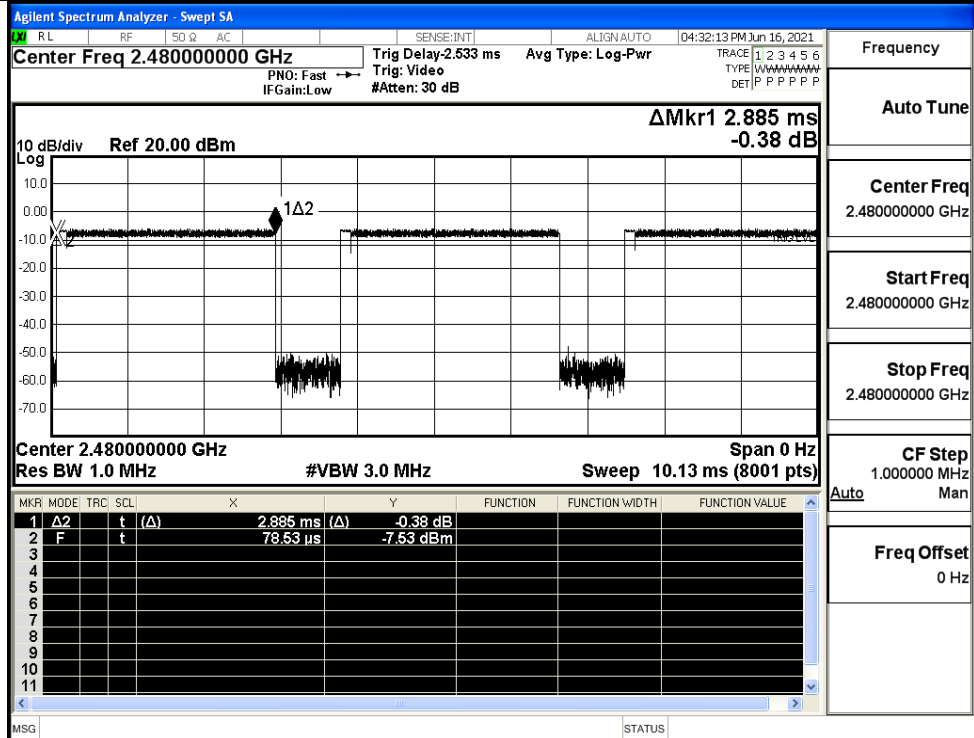
8DPSK \_3DH5/LCH



8DPSK\_3DH5/MCH



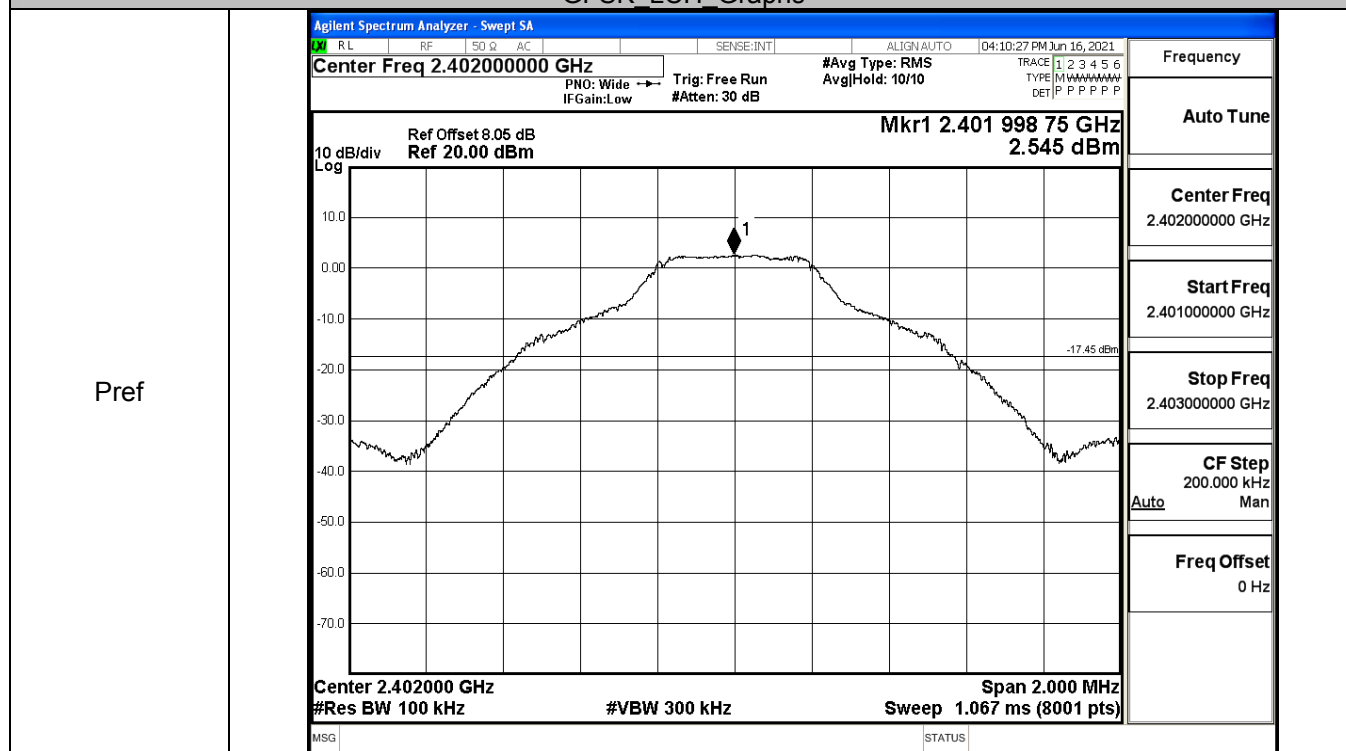
8DPSK\_3DH5/HCH

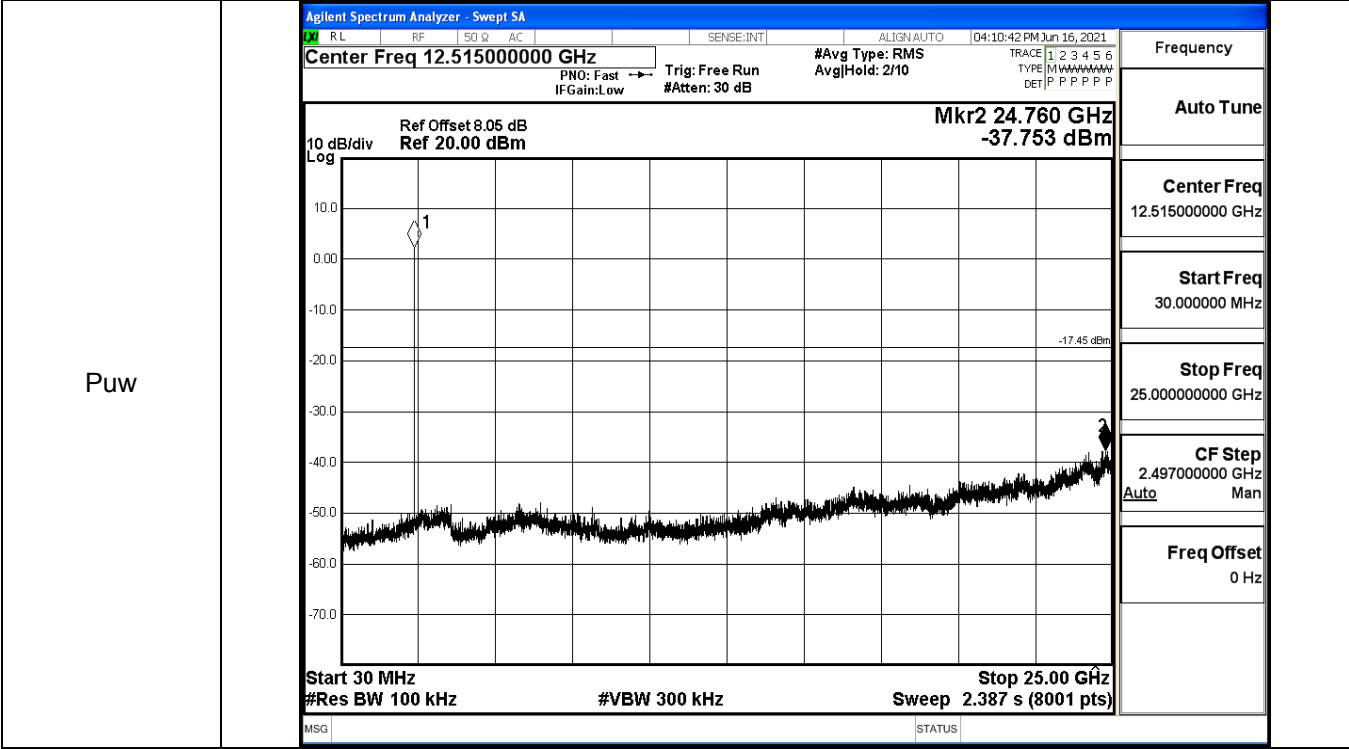


## A.6 RF Conducted Spurious Emissions

| Mode          | Channel | Pref [dBm] | Max. Level [dBm] | Limit [dBm] | Verdict |
|---------------|---------|------------|------------------|-------------|---------|
| GFSK          | LCH     | 2.545      | -37.753          | -17.455     | PASS    |
|               | MCH     | 4.383      | -38.175          | -15.617     | PASS    |
|               | HCH     | 2.749      | -38.280          | -17.251     | PASS    |
| $\pi/4$ DQPSK | LCH     | 1.09       | -36.989          | -18.910     | PASS    |
|               | MCH     | 2.872      | -37.400          | -17.128     | PASS    |
|               | HCH     | 1.367      | -37.991          | -18.633     | PASS    |
| 8DPSK         | LCH     | 1.704      | -38.077          | -18.296     | PASS    |
|               | MCH     | 2.976      | -38.228          | -17.024     | PASS    |
|               | HCH     | 1.419      | -37.387          | -18.581     | PASS    |

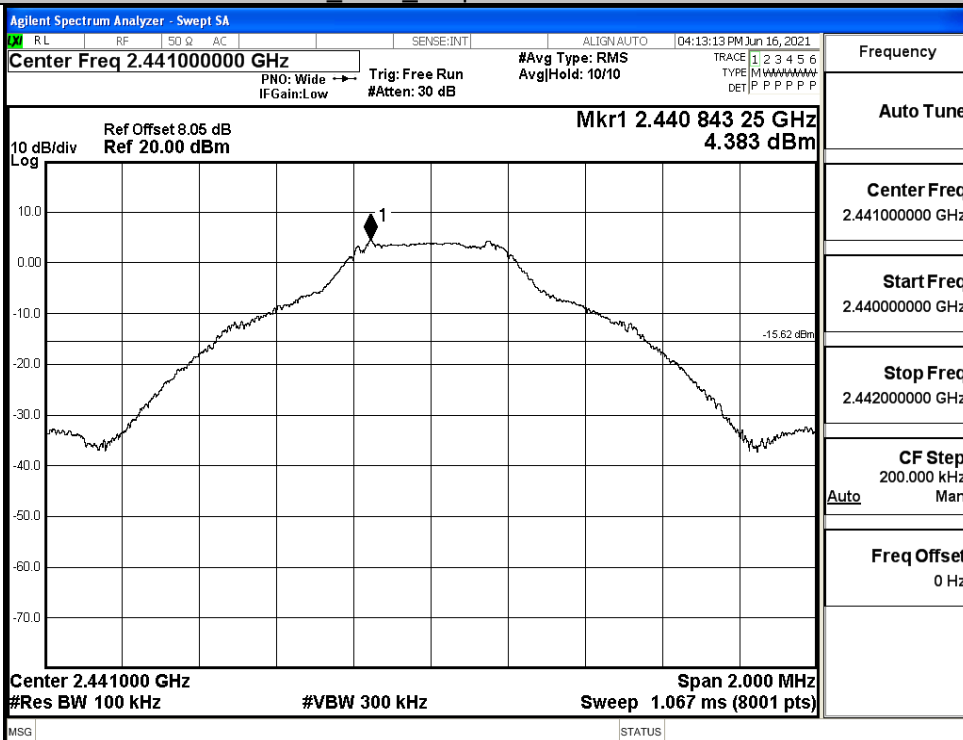
GFSK LCH Graphs



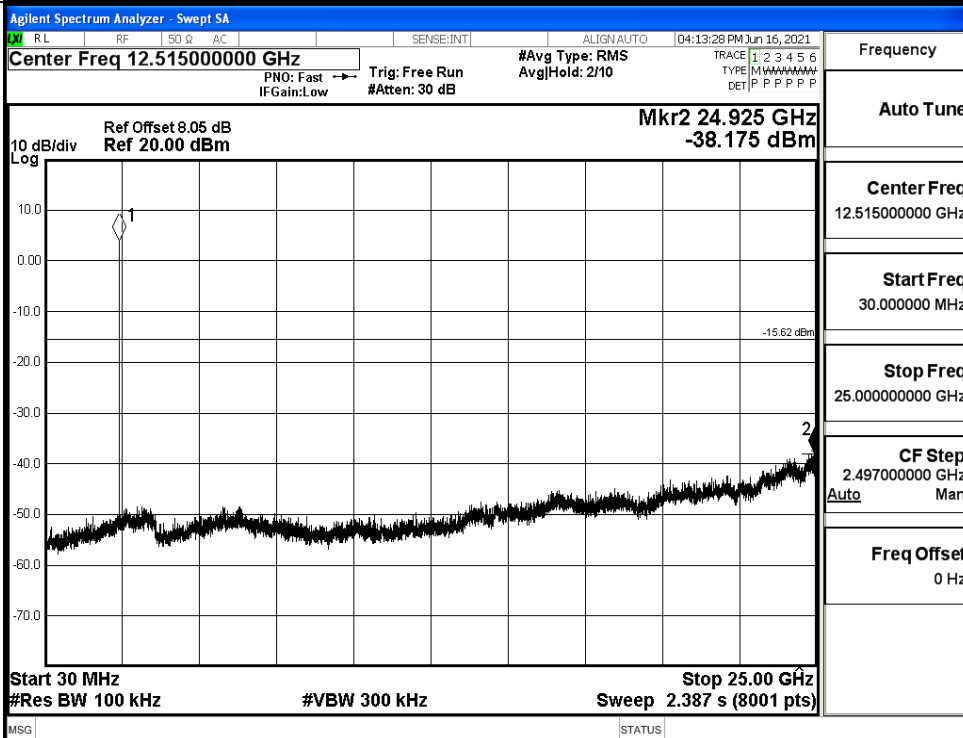


# GFSK\_MCH\_Graphs

Pref

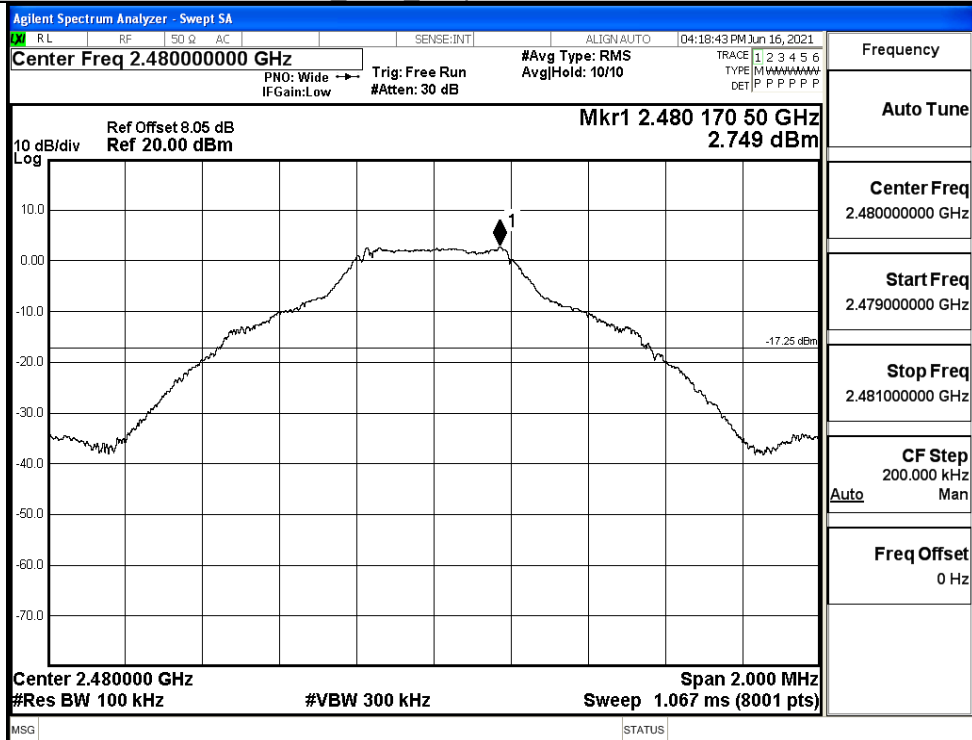


Puw

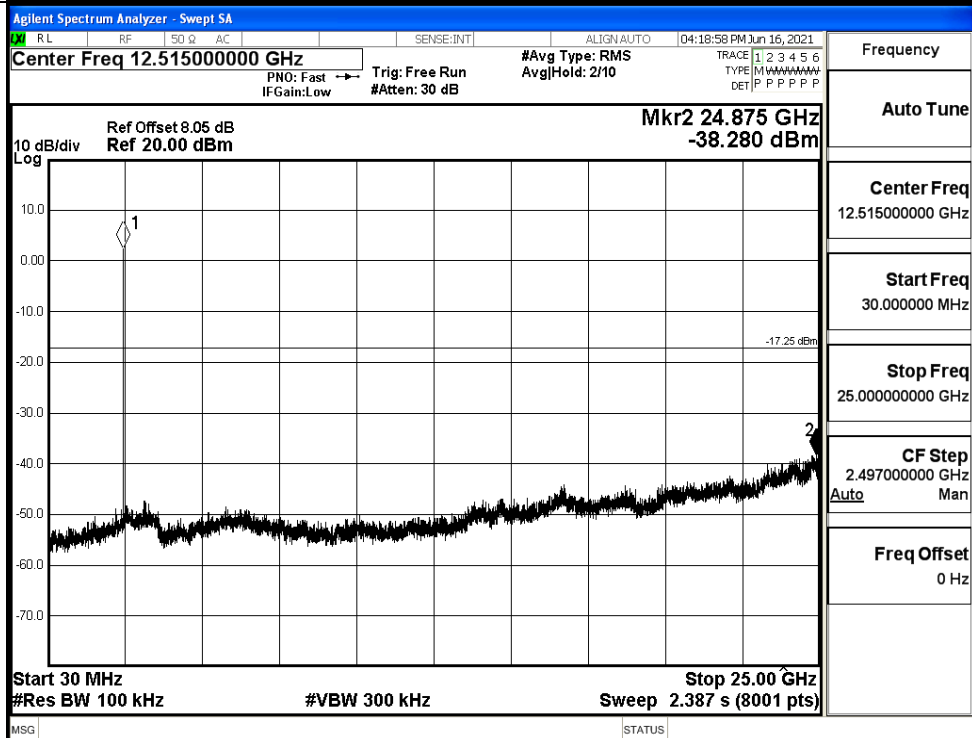


# GFSK\_HCH\_Graphs

Pref

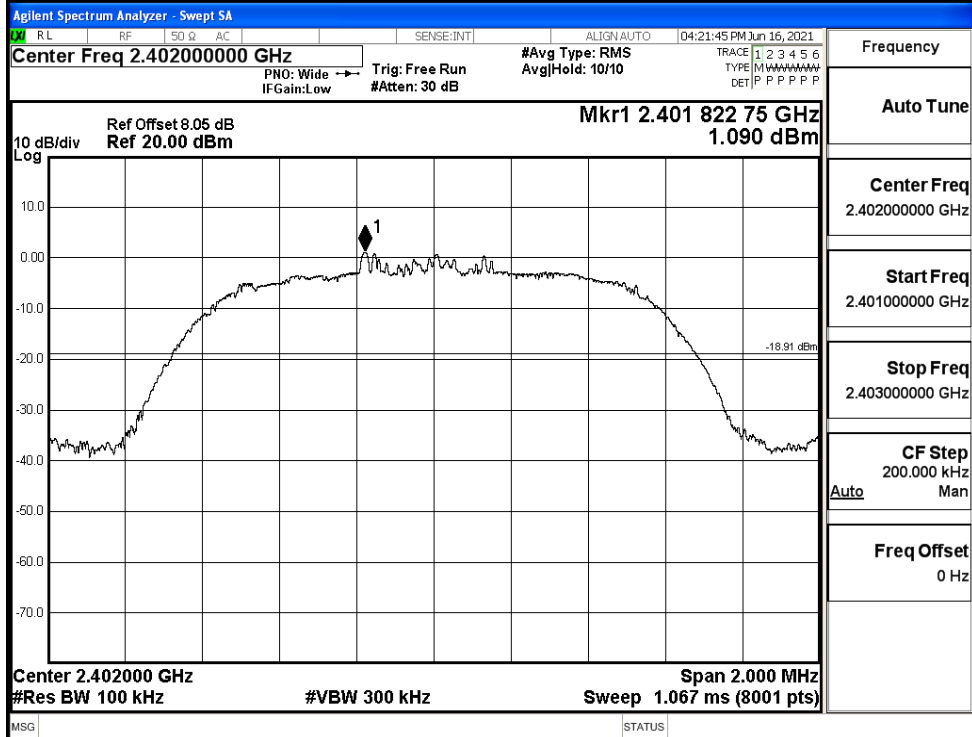


Puw

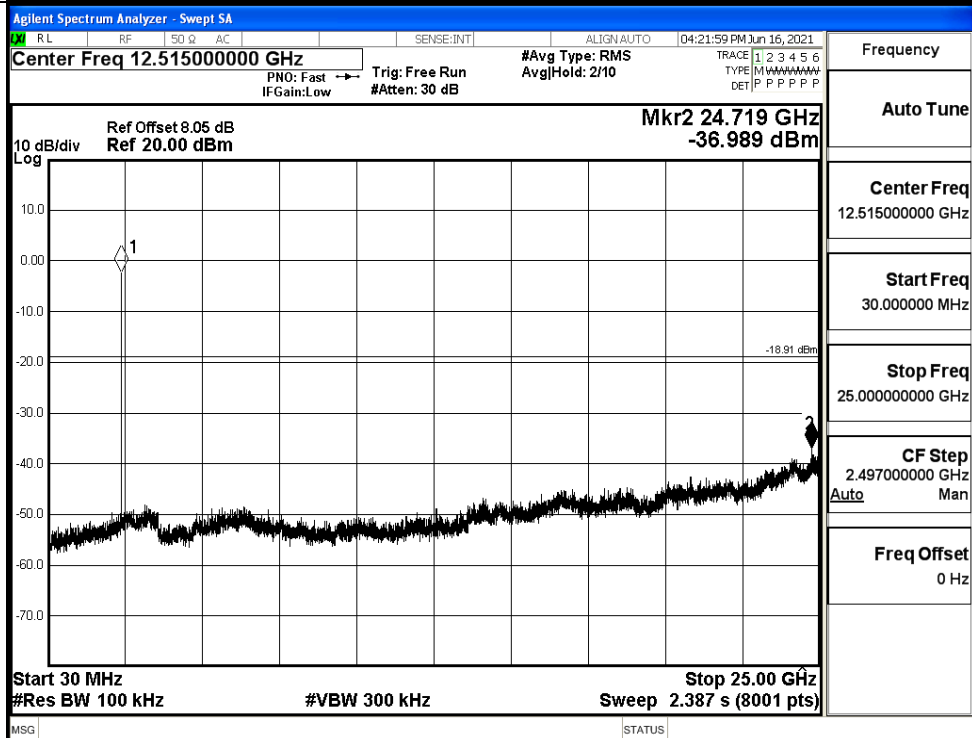


$\pi/4$ DQPSK\_LCH\_Graphs

Pref

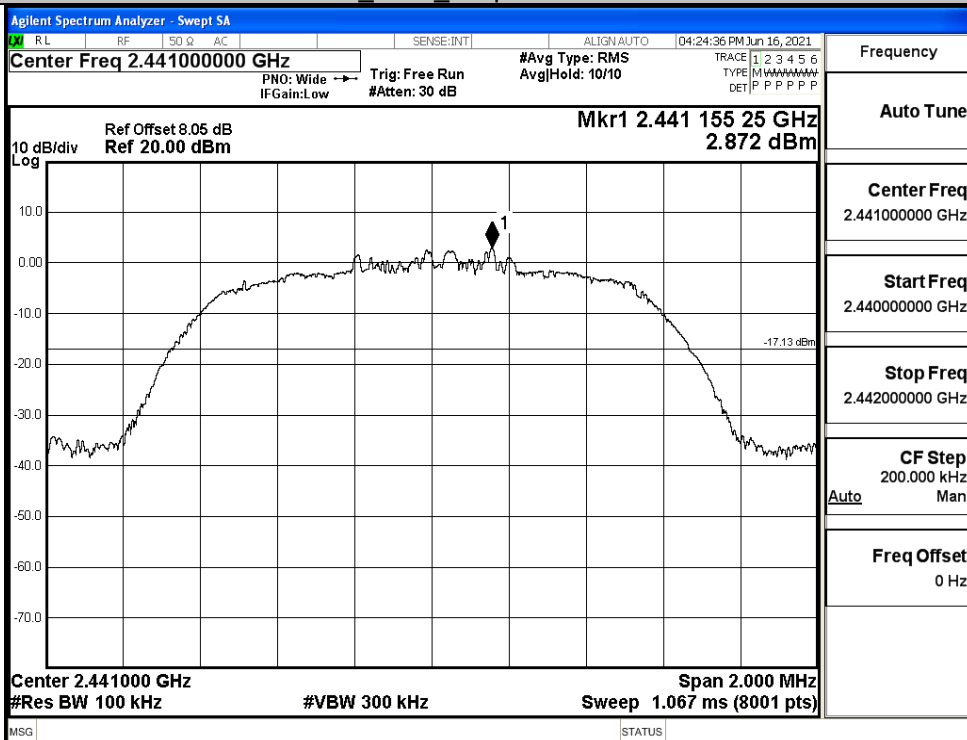


Puw

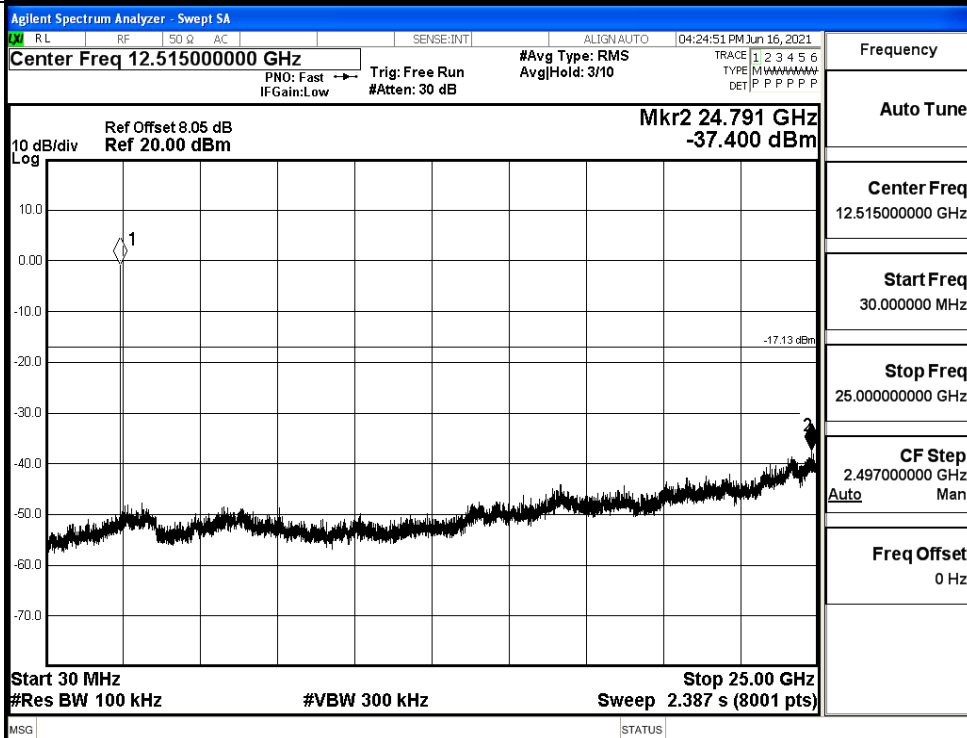


$\pi$ /4DQPSK\_MCH\_Graphs

Pref

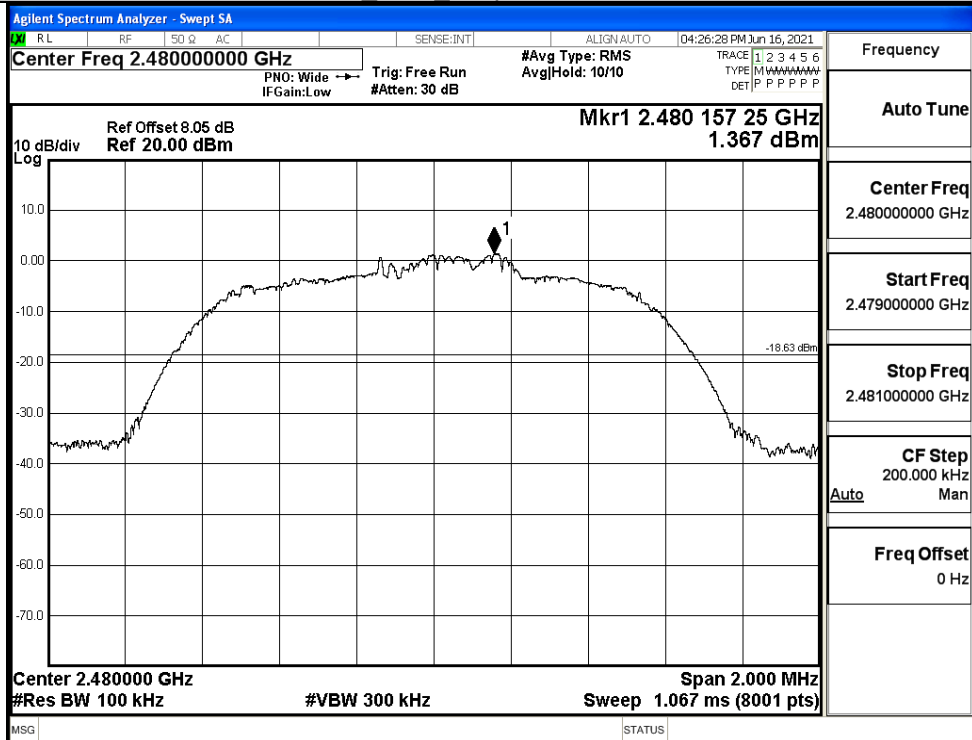


Puw

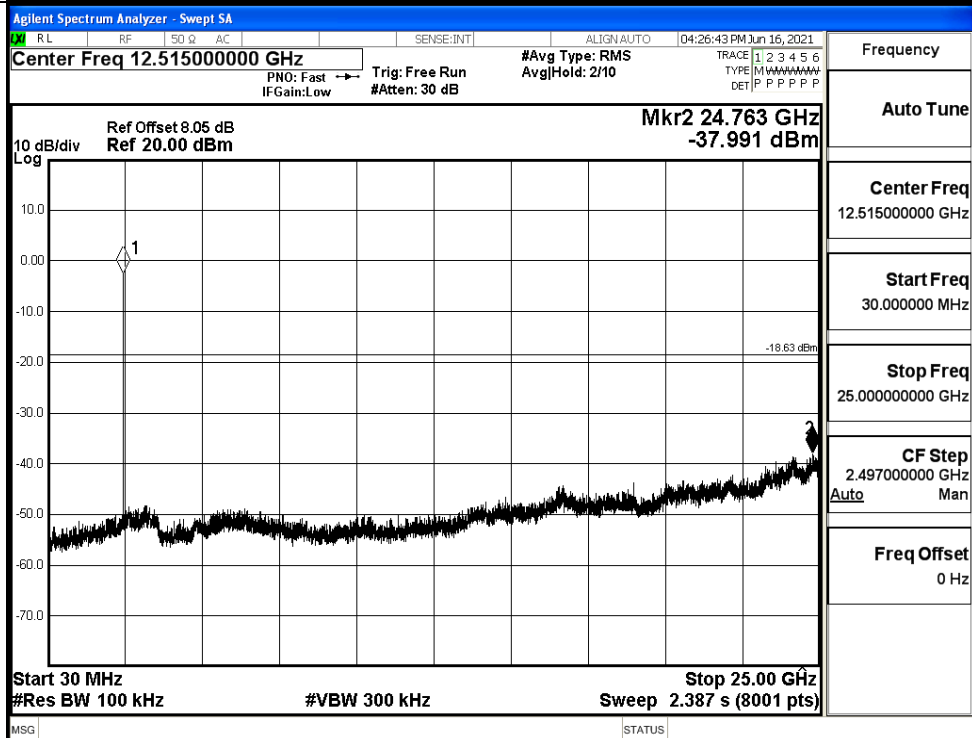


$\pi/4$ DQPSK\_HCH\_Graphs

Pref

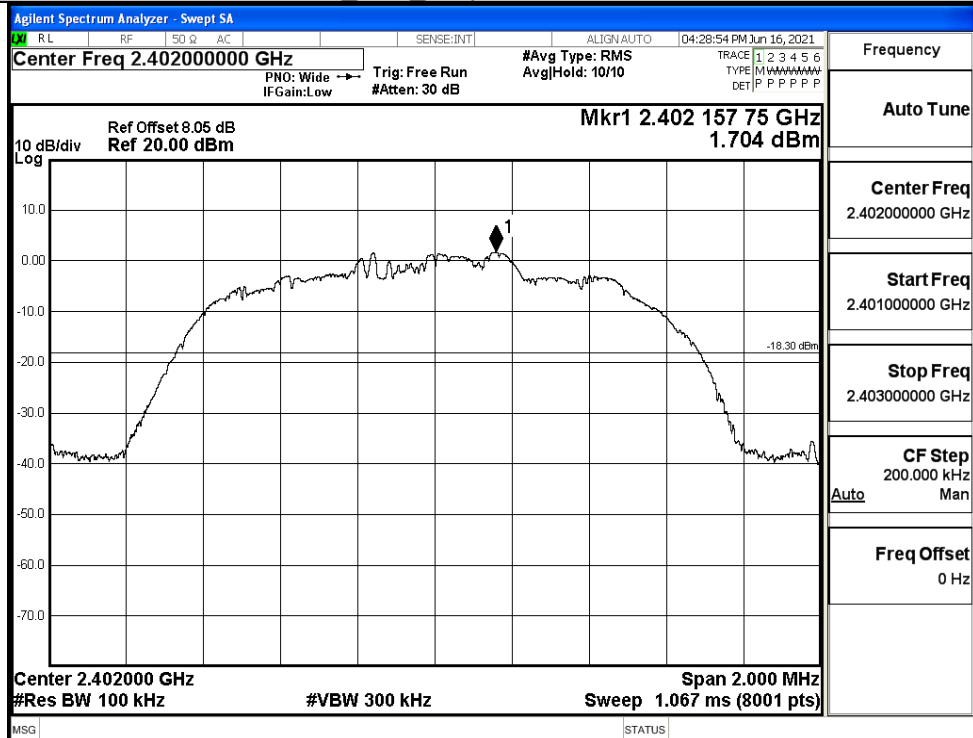


Puw

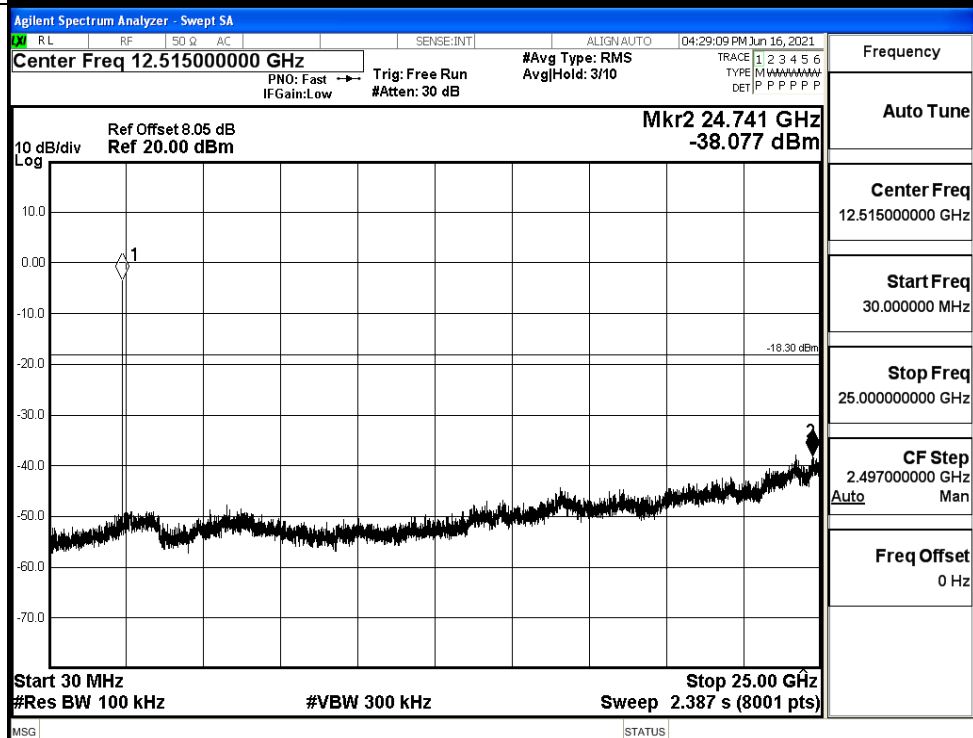


# 8DPSK\_LCH\_Graphs

Pref

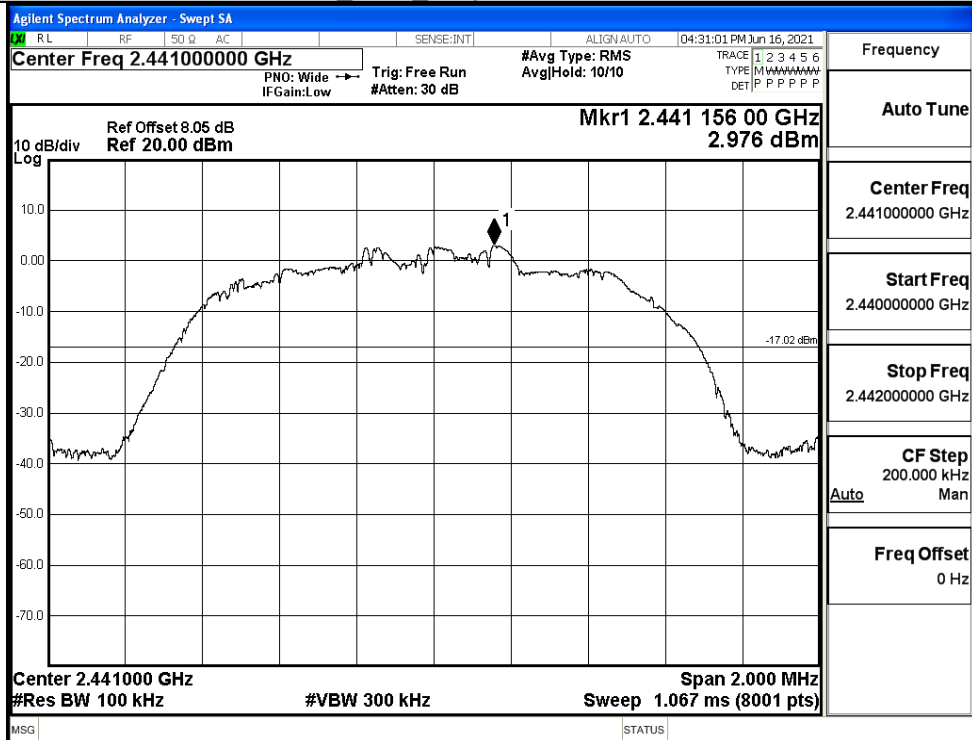


Puw

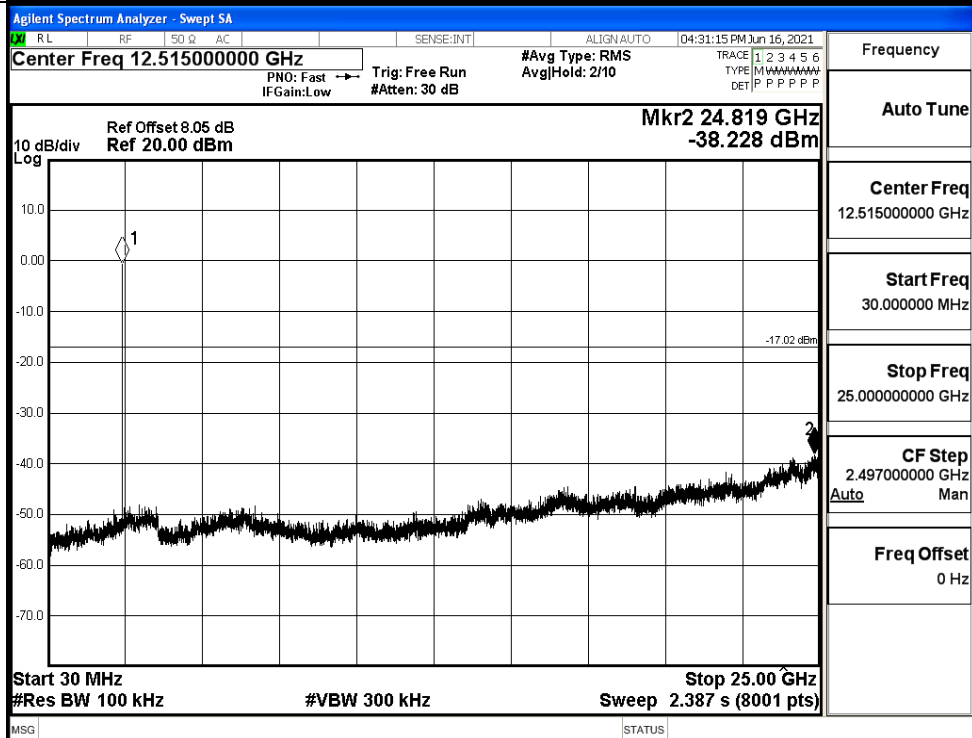


# 8DPSK\_MCH\_Graphs

Pref

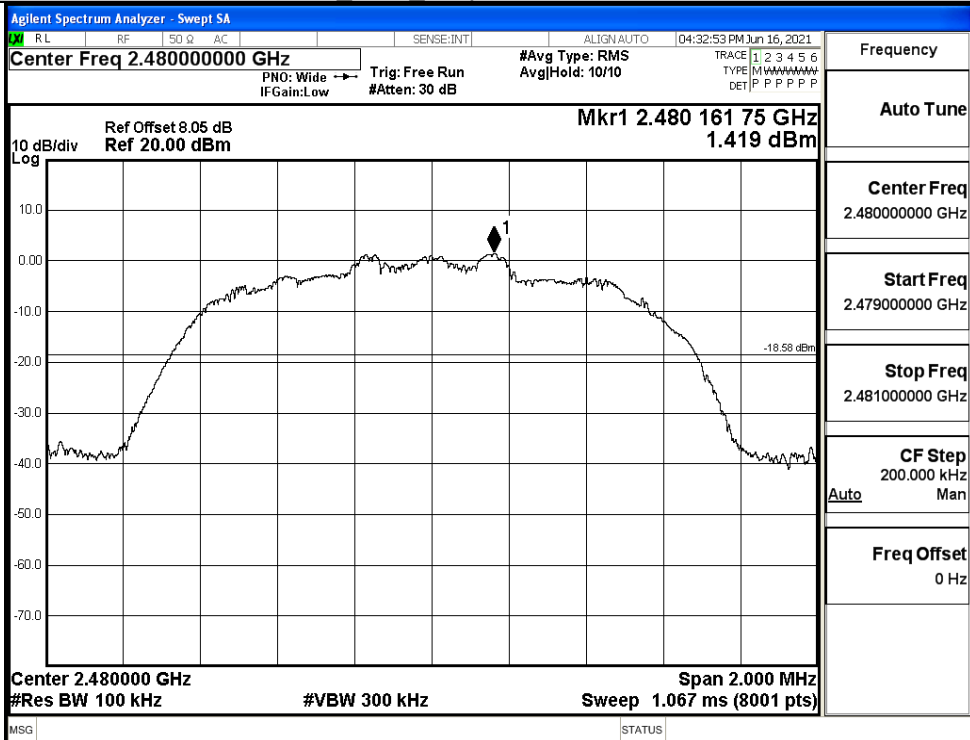


Puw

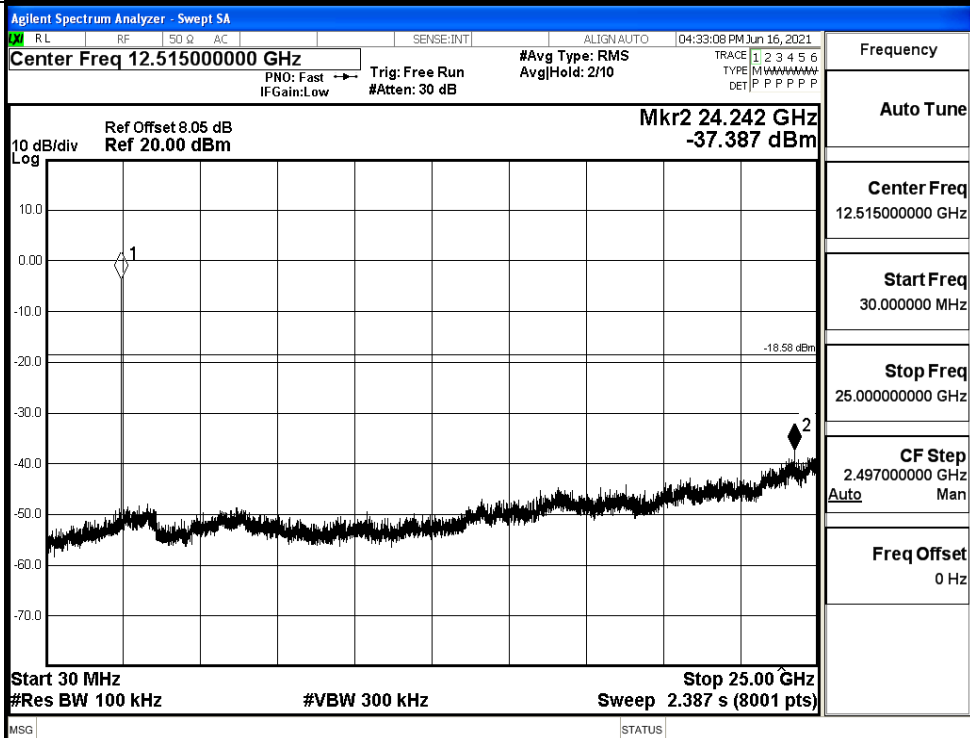


# 8DPSK\_HCH\_Graphs

Pref



Puw

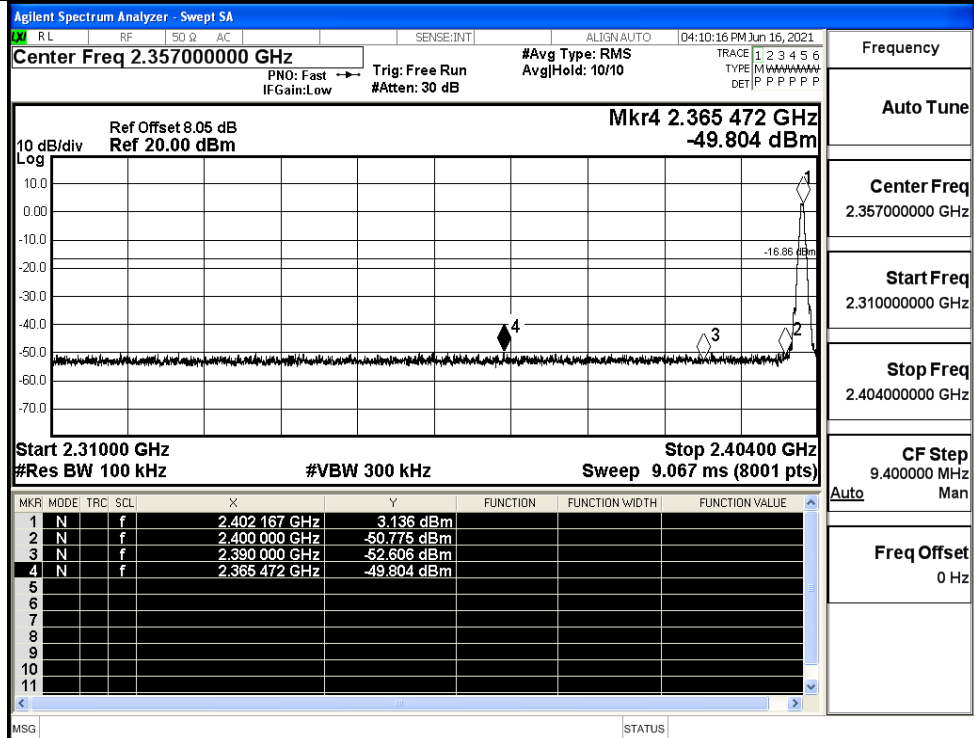


## A.7 Band-edge for RF Conducted Emissions

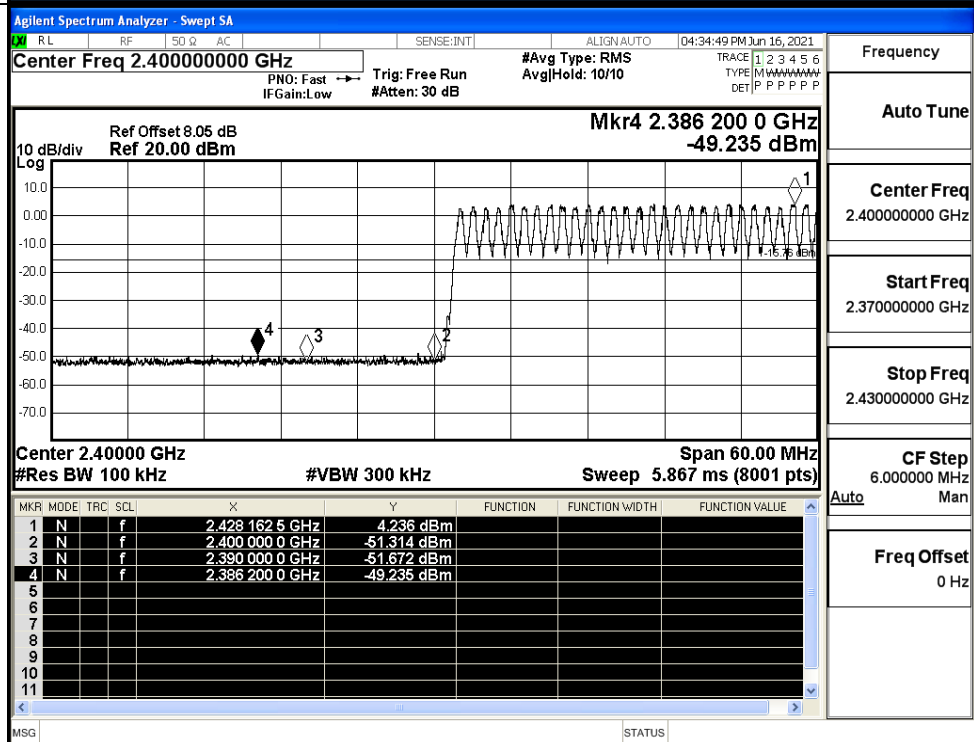
| Mode          | Channel | Carrier Frequency [MHz] | Carrier Power [dBm] | Frequency Hopping | Max Spurious Level [dBm] | Limit [dBm] | Verdict |
|---------------|---------|-------------------------|---------------------|-------------------|--------------------------|-------------|---------|
| GFSK          | LCH     | 2402                    | 3.136               | Off               | -49.804                  | -16.86      | PASS    |
|               |         |                         | 4.236               | On                | -49.235                  | -15.76      | PASS    |
|               | HCH     | 2480                    | 2.931               | Off               | -49.193                  | -17.07      | PASS    |
|               |         |                         | 3.790               | On                | -49.308                  | -16.21      | PASS    |
| $\pi/4$ DQPSK | LCH     | 2402                    | 1.724               | Off               | -48.400                  | -18.28      | PASS    |
|               |         |                         | 2.753               | On                | -49.166                  | -17.25      | PASS    |
|               | HCH     | 2480                    | 0.785               | Off               | -48.922                  | -19.22      | PASS    |
|               |         |                         | 2.699               | On                | -48.673                  | -17.3       | PASS    |
| 8DPSK         | LCH     | 2402                    | 1.787               | Off               | -49.059                  | -18.21      | PASS    |
|               |         |                         | 2.919               | On                | -49.396                  | -17.08      | PASS    |
|               | HCH     | 2480                    | 1.392               | Off               | -48.636                  | -18.61      | PASS    |
|               |         |                         | 2.607               | On                | -48.398                  | -17.39      | PASS    |

### Test Graphs

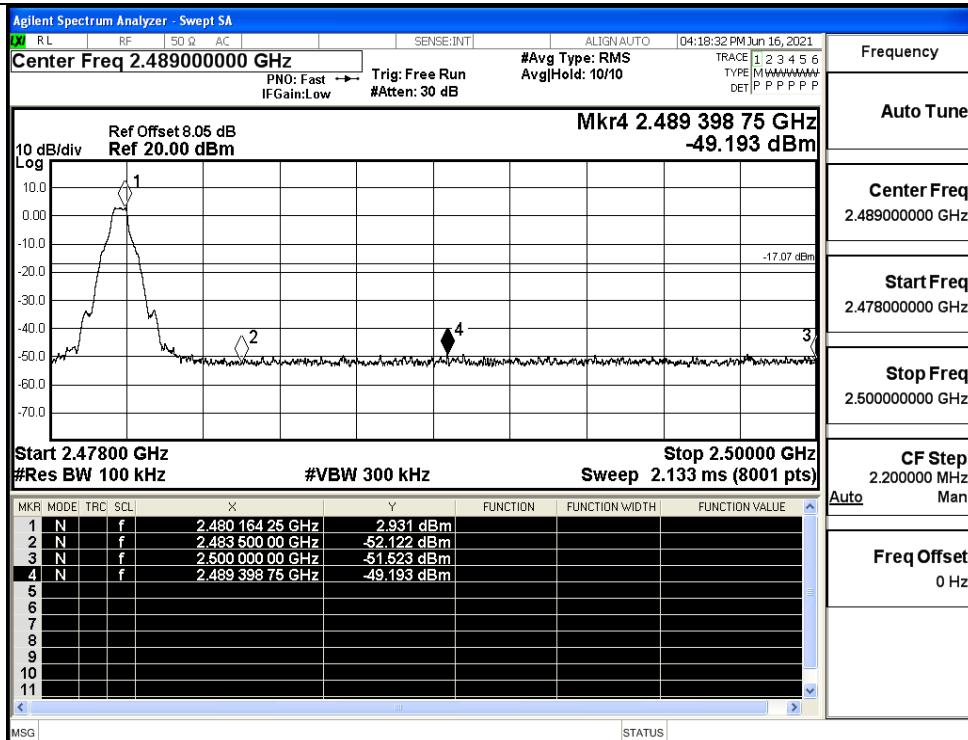
GFSK/LCH/No Hop



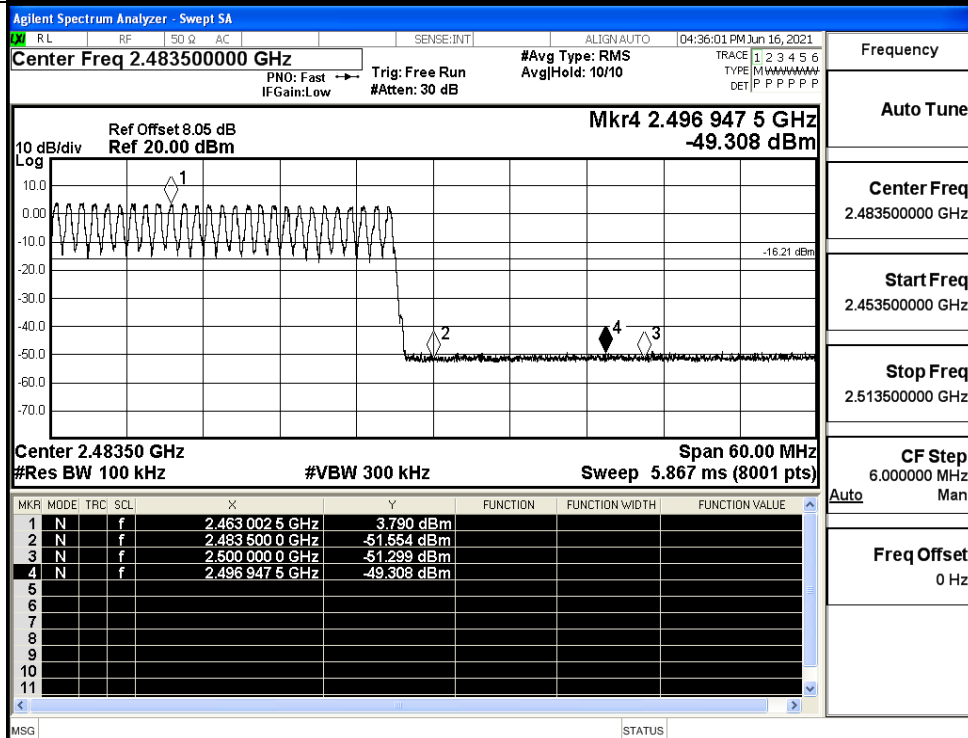
GFSK/LCH/Hop



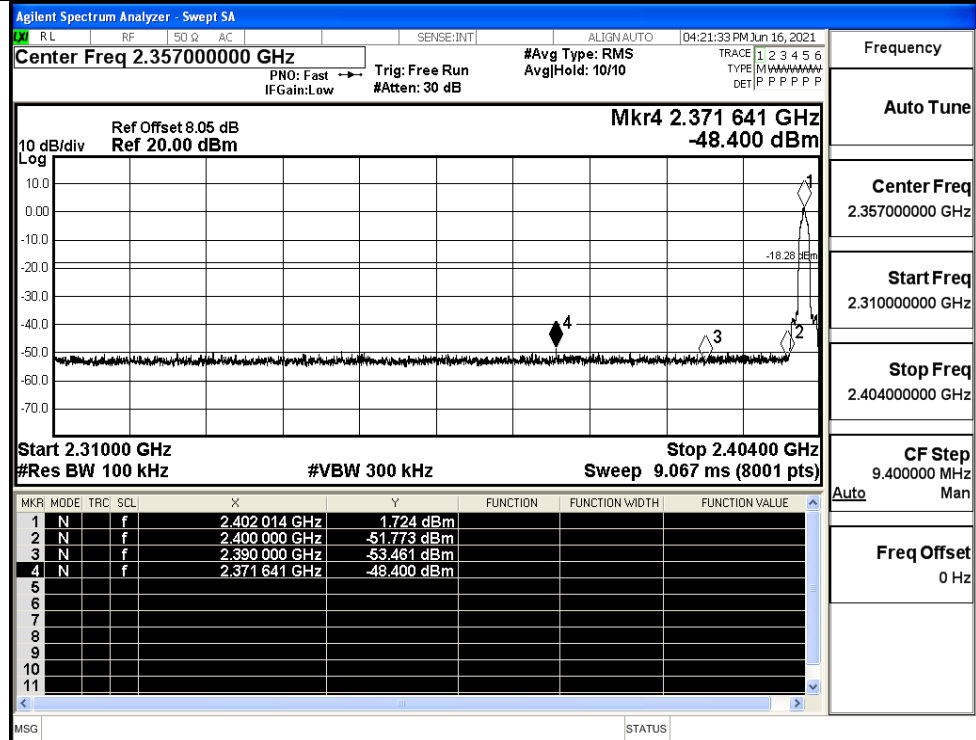
GFSK/HCH/No Hop



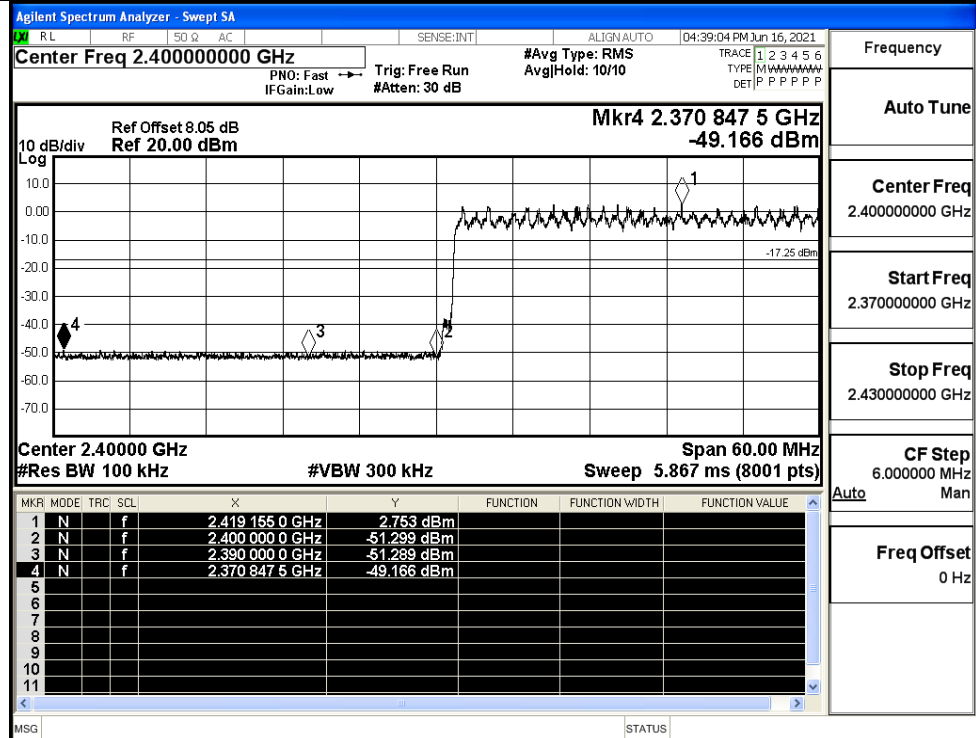
GFSK/HCH/Hop



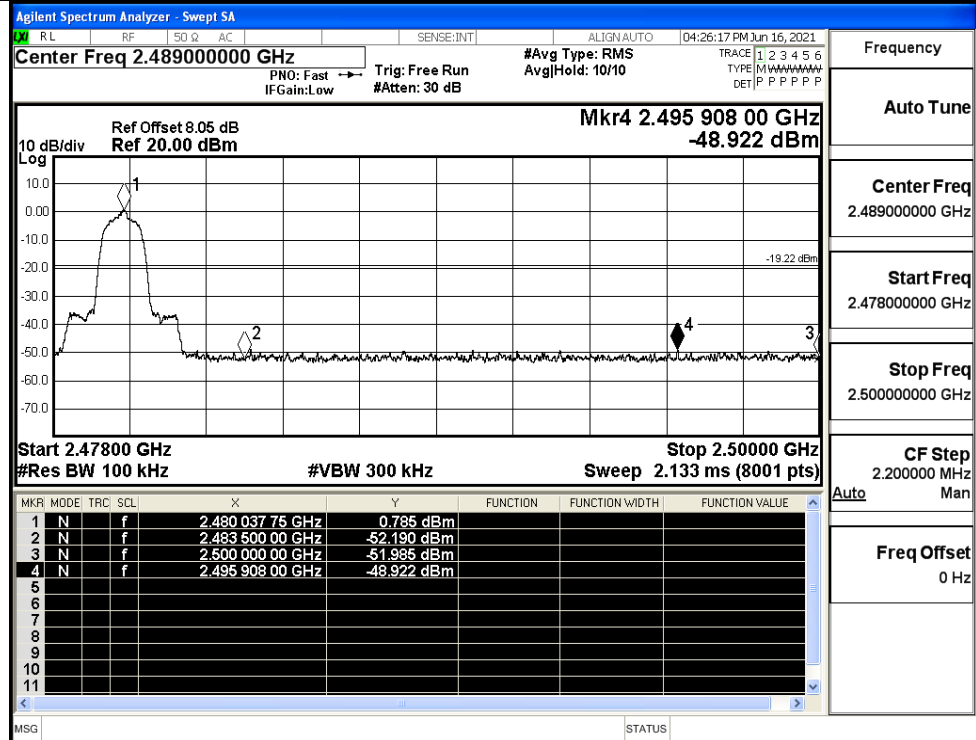
$\pi/4$ DQPSK/LCH/No  
Hop



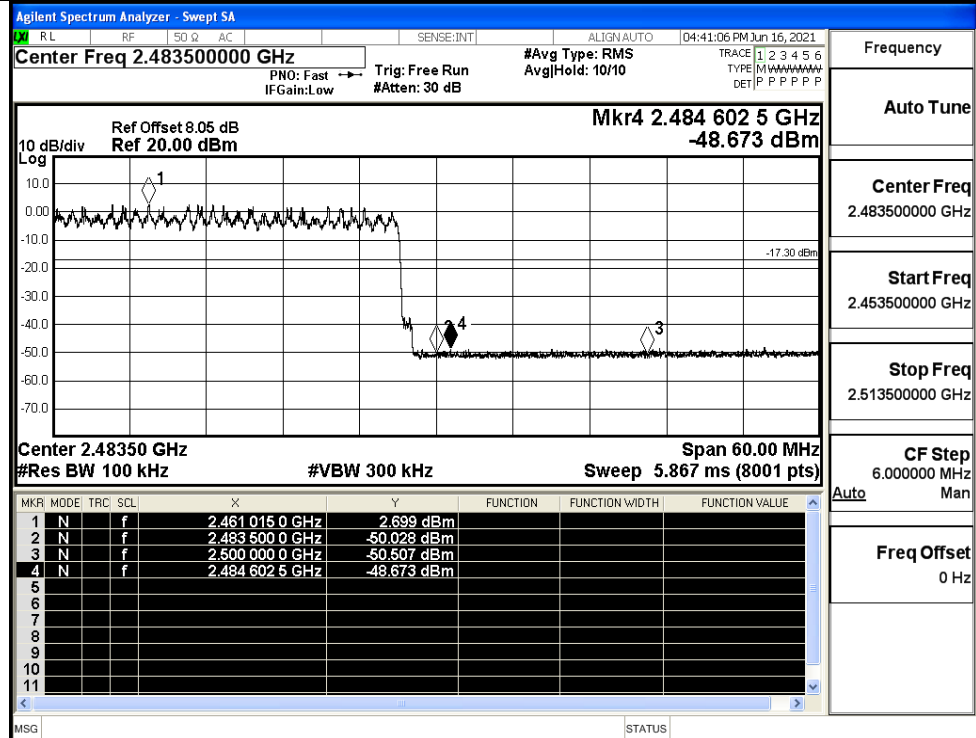
$\pi/4$ DQPSK/LCH/Hop



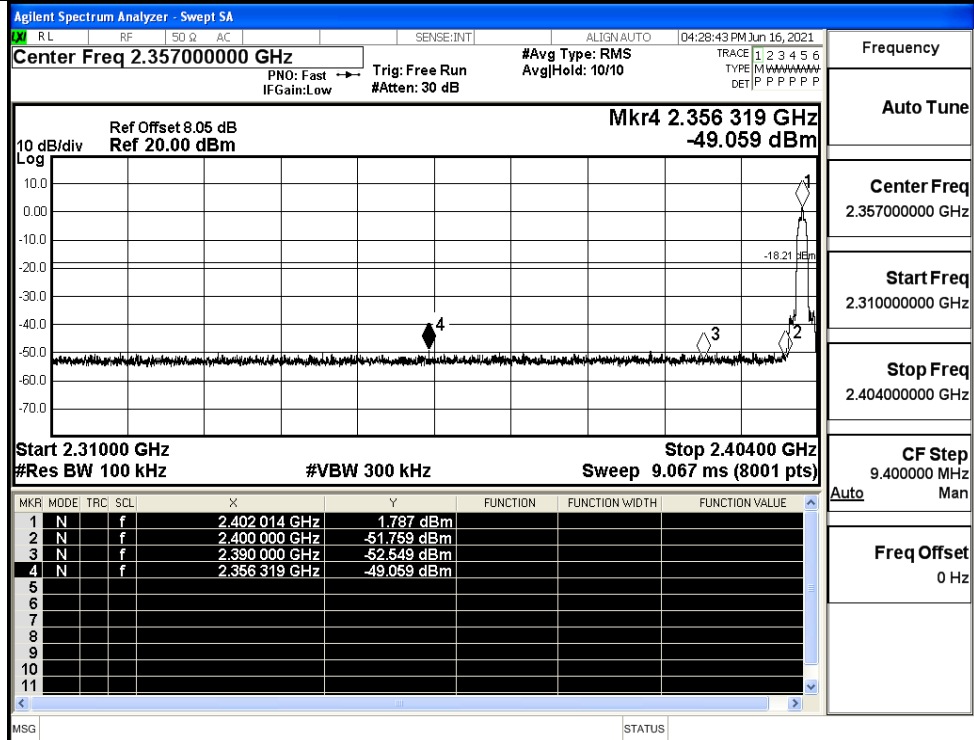
$\pi/4$ DQPSK/HCH/No  
Hop



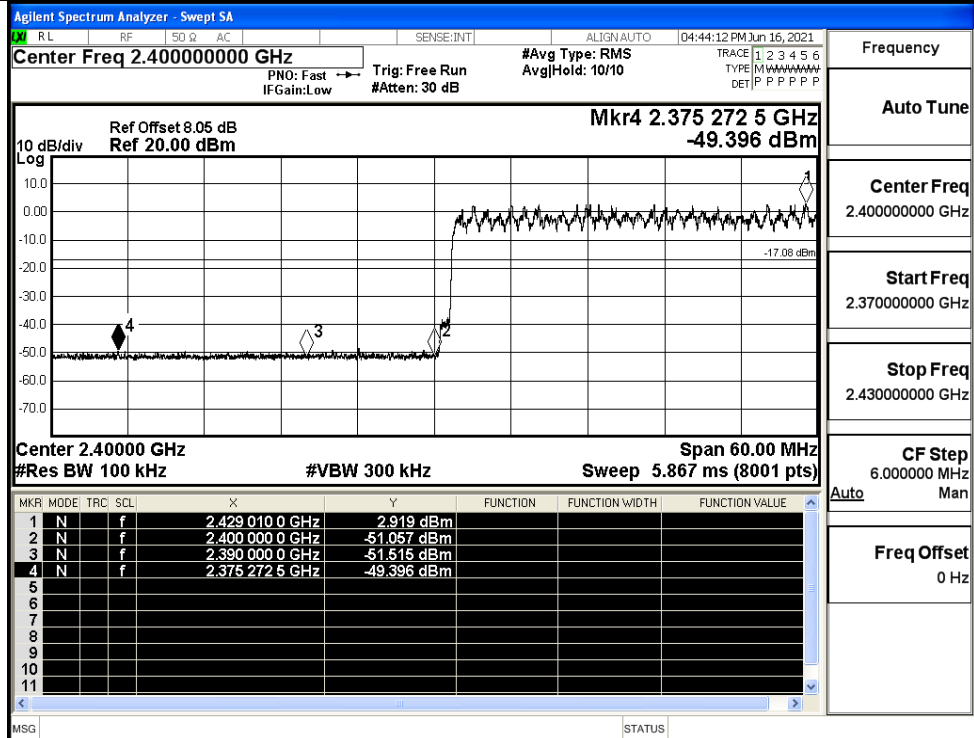
$\pi/4$ DQPSK/HCH/Hop



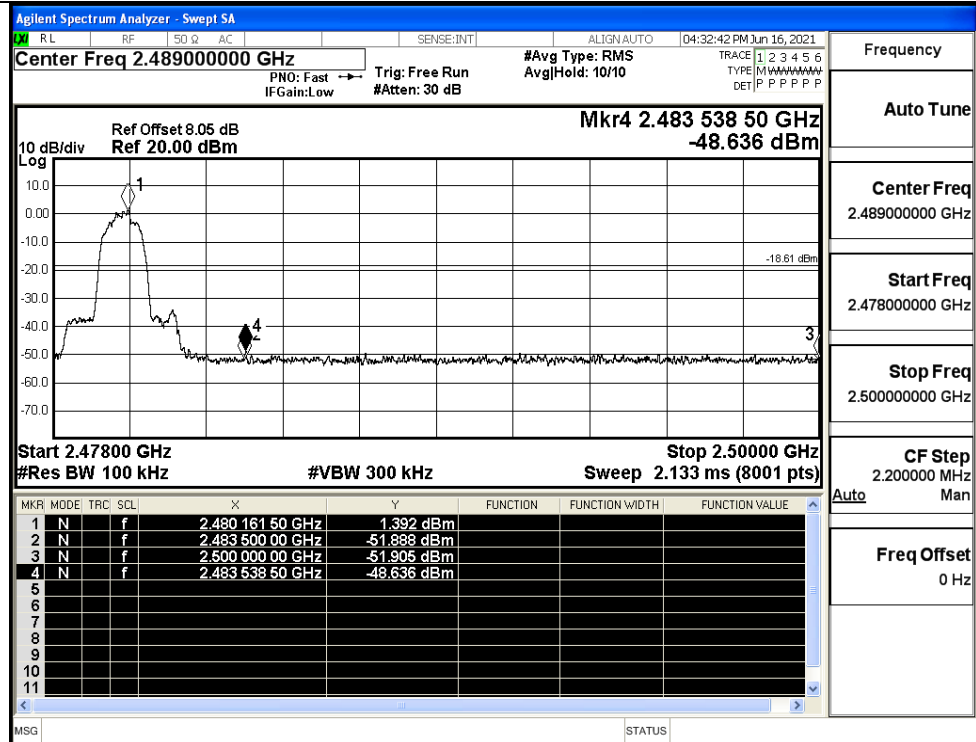
8DPSK/LCH/No Hop



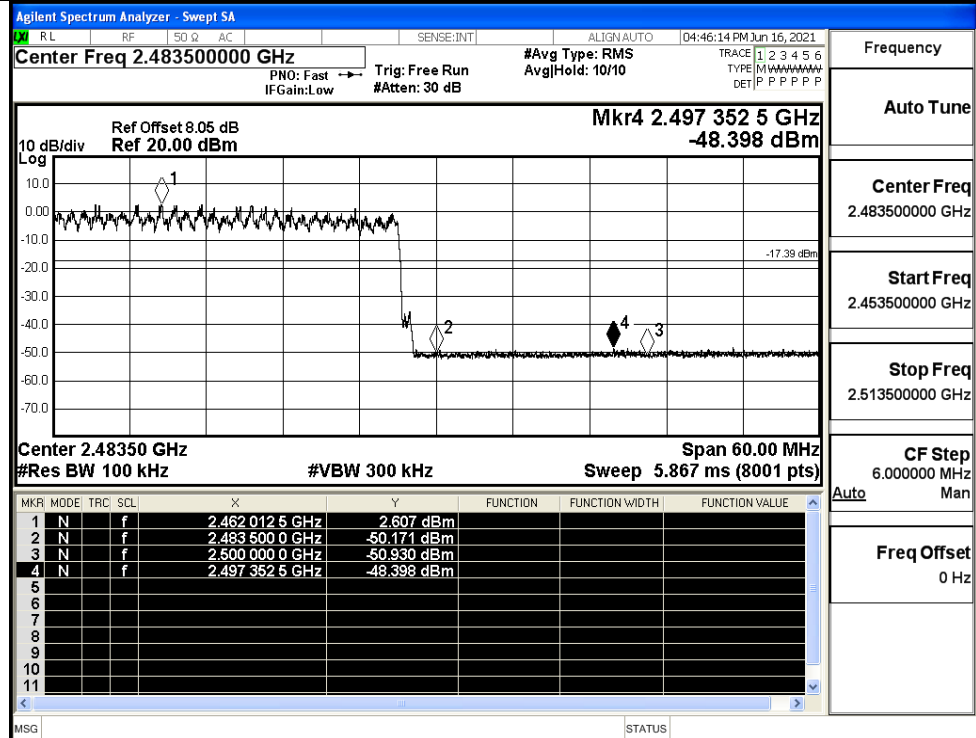
8DPSK/LCH/Hop



8DPSK/HCH/No Hop



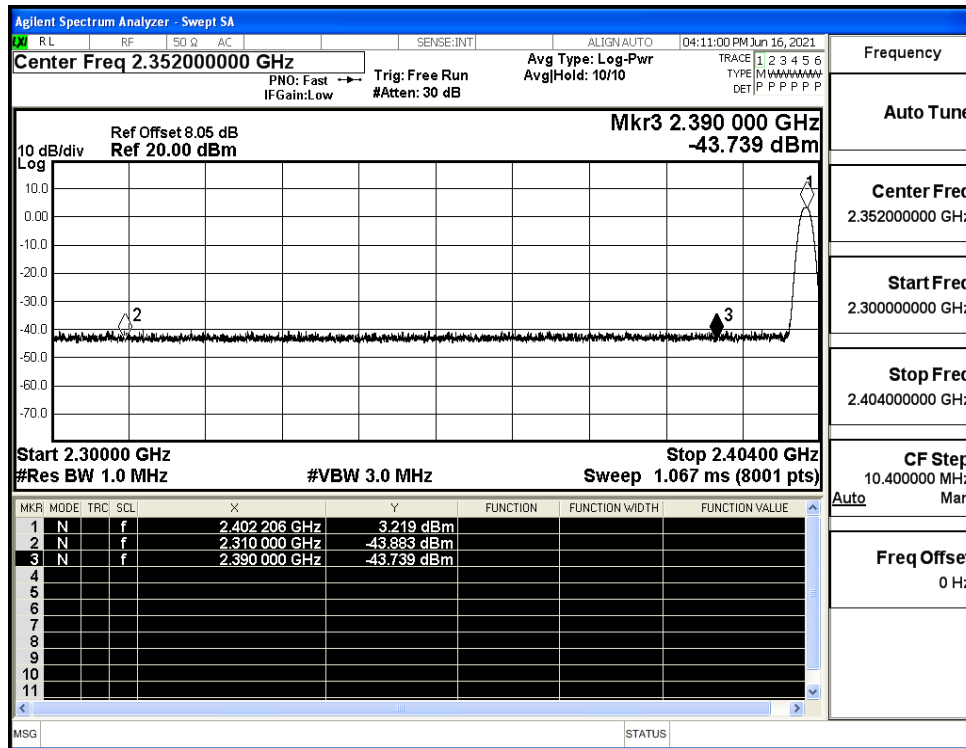
8DPSK/HCH/Hop



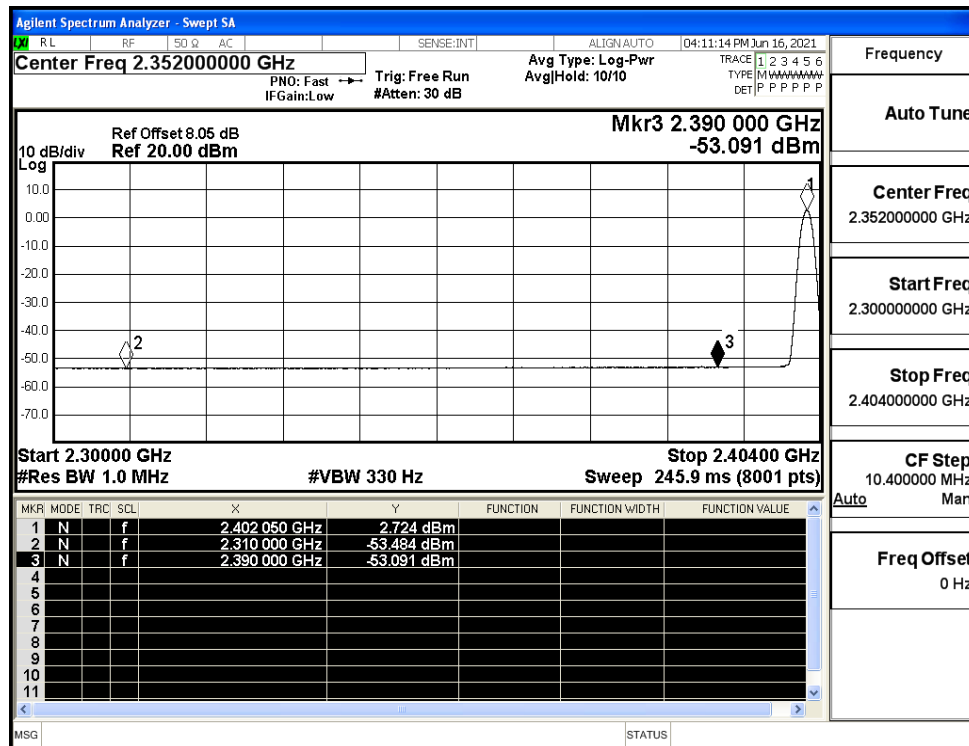
## A.8 Restrict-band band-edge measurements

| Test Mode     | Hopping | Freq.  | Power [dBm] | Gain | Ground Factor | E [dBuV/m] | Detector | Limit [dBuV/m] | Verdict |
|---------------|---------|--------|-------------|------|---------------|------------|----------|----------------|---------|
| GFSK          | Off     | 2310.0 | -43.88      | 2.0  | 0             | 51.37      | PEAK     | 74             | PASS    |
|               | Off     | 2310.0 | -53.48      | 2.0  | 0             | 41.77      | AV       | 54             | PASS    |
|               | Off     | 2390.0 | -43.74      | 2.0  | 0             | 51.52      | PEAK     | 74             | PASS    |
|               | Off     | 2390.0 | -53.09      | 2.0  | 0             | 42.17      | AV       | 54             | PASS    |
|               | Off     | 2483.5 | -42.60      | 2.0  | 0             | 52.66      | PEAK     | 74             | PASS    |
|               | Off     | 2483.5 | -52.50      | 2.0  | 0             | 42.76      | AV       | 54             | PASS    |
|               | Off     | 2500.0 | -42.62      | 2.0  | 0             | 52.64      | PEAK     | 74             | PASS    |
|               | Off     | 2500.0 | -52.41      | 2.0  | 0             | 42.85      | AV       | 54             | PASS    |
| $\pi/4$ DQPSK | Off     | 2310.0 | -43.29      | 2.0  | 0             | 51.97      | PEAK     | 74             | PASS    |
|               | Off     | 2310.0 | -53.36      | 2.0  | 0             | 41.90      | AV       | 54             | PASS    |
|               | Off     | 2390.0 | -42.33      | 2.0  | 0             | 52.93      | PEAK     | 74             | PASS    |
|               | Off     | 2390.0 | -52.95      | 2.0  | 0             | 42.31      | AV       | 54             | PASS    |
|               | Off     | 2483.5 | -41.94      | 2.0  | 0             | 53.32      | PEAK     | 74             | PASS    |
|               | Off     | 2483.5 | -52.46      | 2.0  | 0             | 42.80      | AV       | 54             | PASS    |
|               | Off     | 2500.0 | -42.88      | 2.0  | 0             | 52.38      | PEAK     | 74             | PASS    |
|               | Off     | 2500.0 | -52.40      | 2.0  | 0             | 42.86      | AV       | 54             | PASS    |
| 8DPSK         | Off     | 2310.0 | -43.19      | 2.0  | 0             | 52.07      | PEAK     | 74             | PASS    |
|               | Off     | 2310.0 | -53.40      | 2.0  | 0             | 41.86      | AV       | 54             | PASS    |
|               | Off     | 2390.0 | -42.61      | 2.0  | 0             | 52.65      | PEAK     | 74             | PASS    |
|               | Off     | 2390.0 | -53.04      | 2.0  | 0             | 42.22      | AV       | 54             | PASS    |
|               | Off     | 2483.5 | -42.74      | 2.0  | 0             | 52.52      | PEAK     | 74             | PASS    |
|               | Off     | 2483.5 | -52.32      | 2.0  | 0             | 42.93      | AV       | 54             | PASS    |
|               | Off     | 2500.0 | -42.27      | 2.0  | 0             | 52.99      | PEAK     | 74             | PASS    |
|               | Off     | 2500.0 | -52.40      | 2.0  | 0             | 42.86      | AV       | 54             | PASS    |

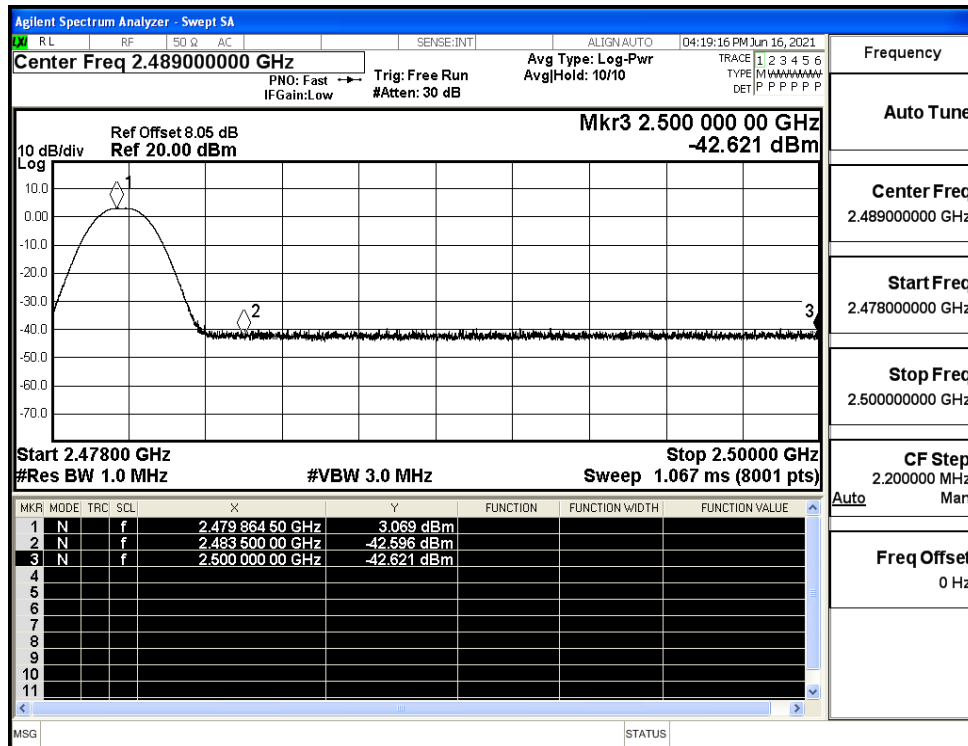
Restrict-band band-edge measurements\_Hopping Off\_GFSK\_PEAK (Low Channel)



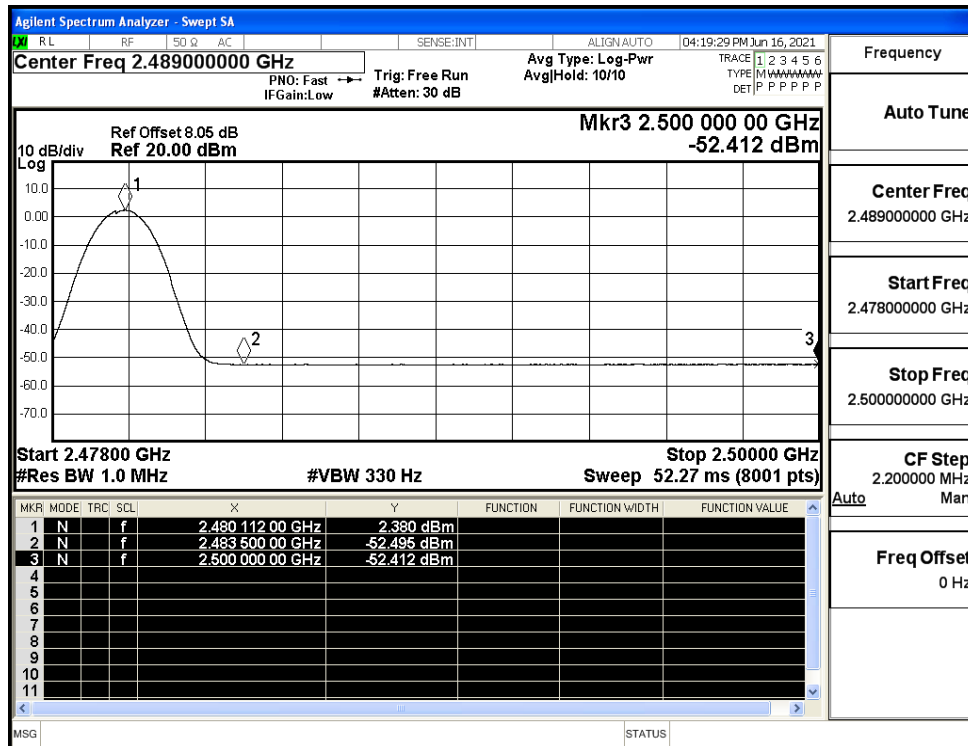
Restrict-band band-edge measurements\_Hopping Off\_GFSK\_Average (Low Channel)



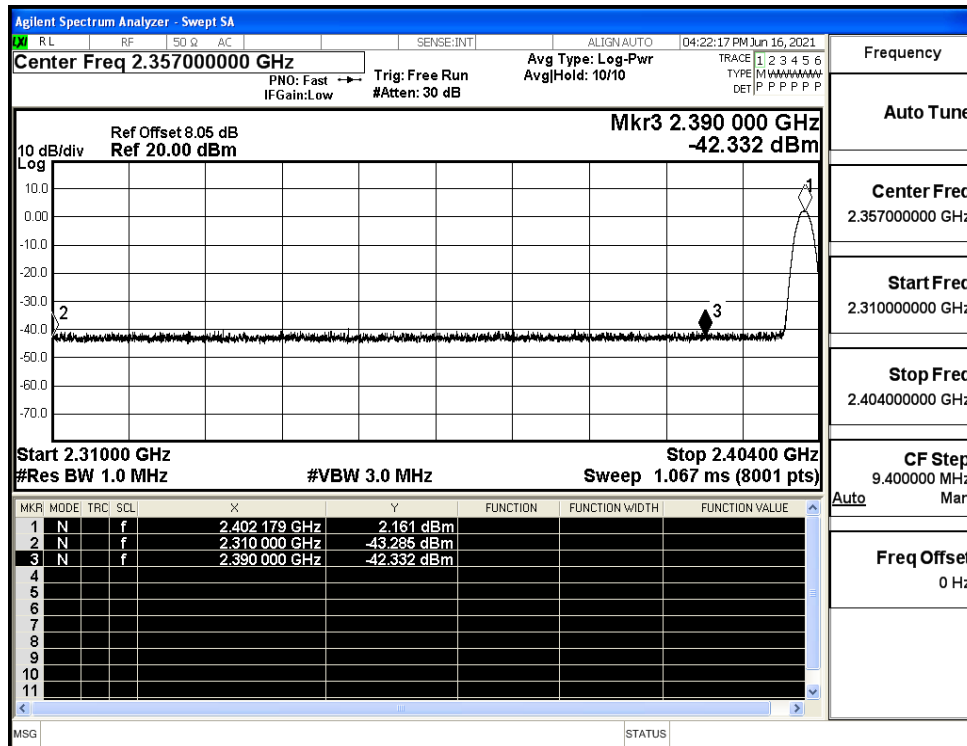
Restrict-band band-edge measurements\_Hopping Off\_ GFSK\_PEAK (High Channel)



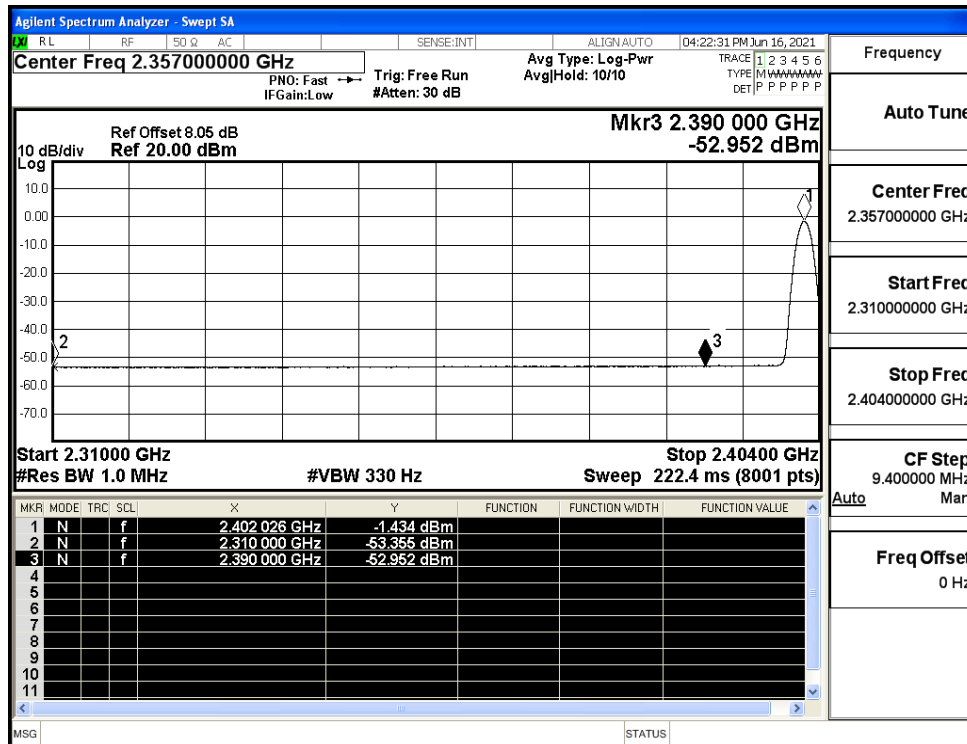
Restrict-band band-edge measurements\_Hopping Off\_ GFSK\_Average (High Channel)



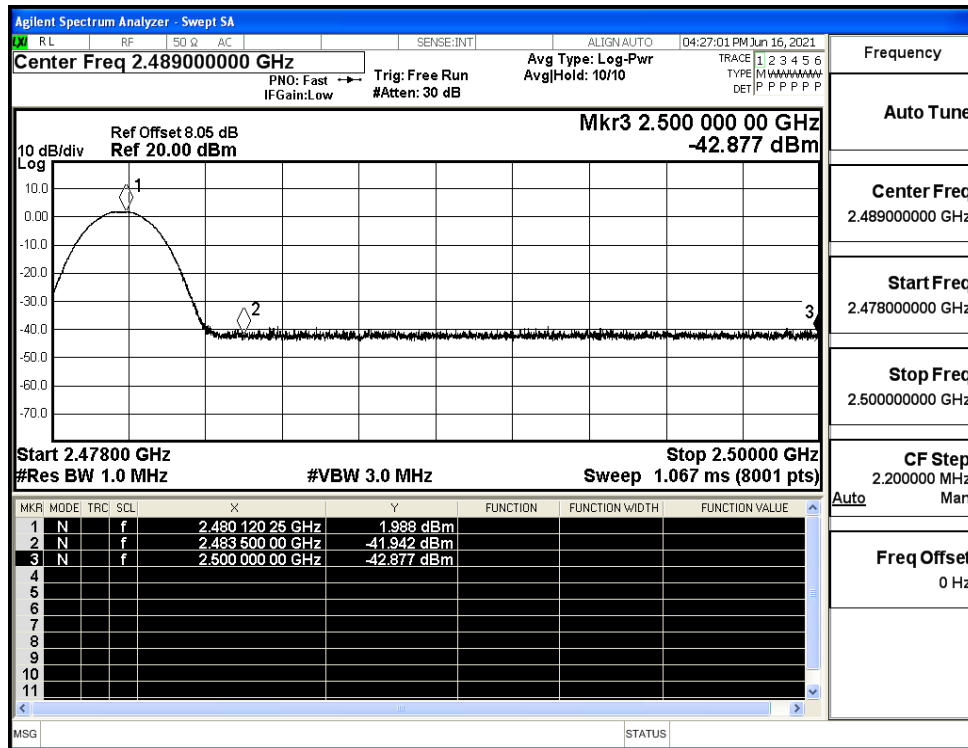
Restrict-band band-edge measurements\_Hopping Off  $\pi/4$ -DQPSK\_PEAK (Low Channel)



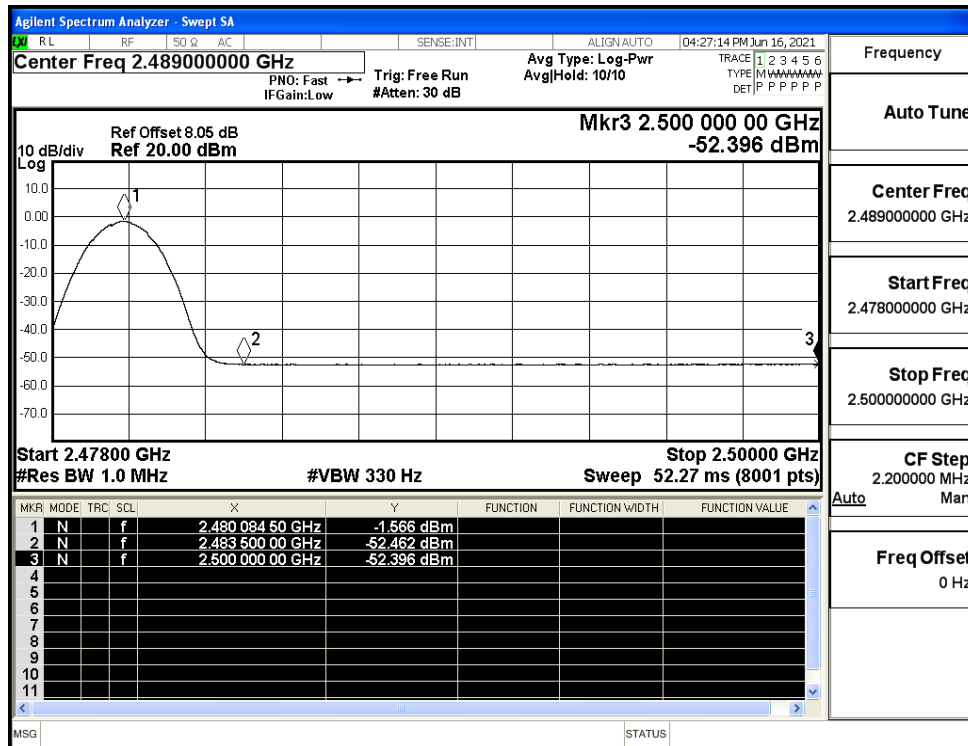
Restrict-band band-edge measurements\_Hopping Off  $\pi/4$ -DQPSK\_Average (Low Channel)



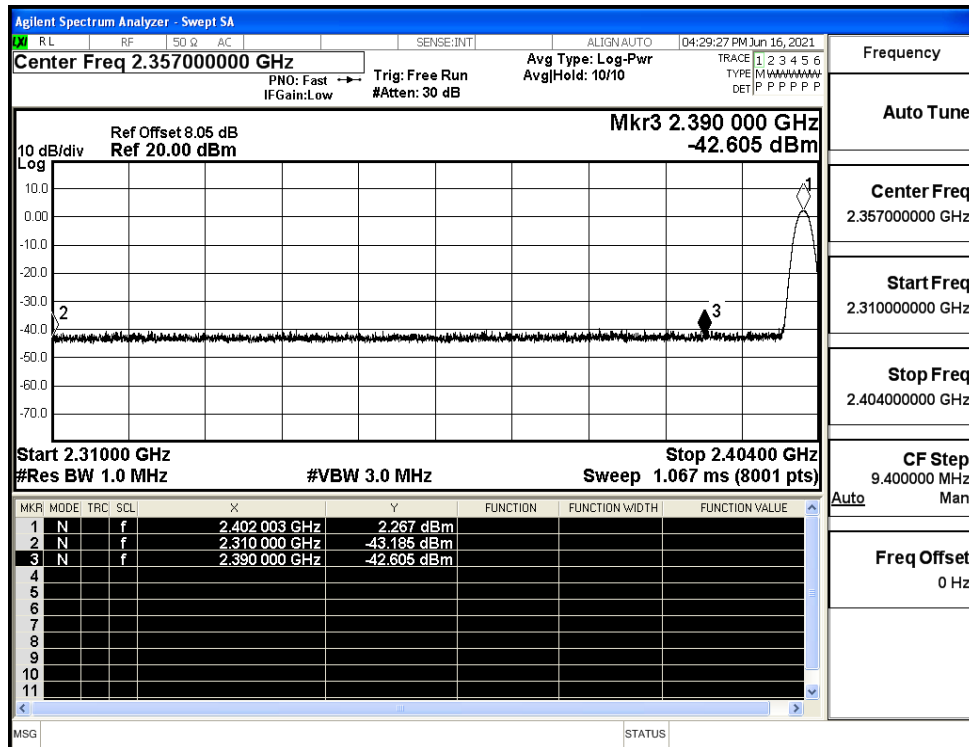
Restrict-band band-edge measurements\_Hopping Off\_π/4-DQPSK\_PEAK (High Channel)



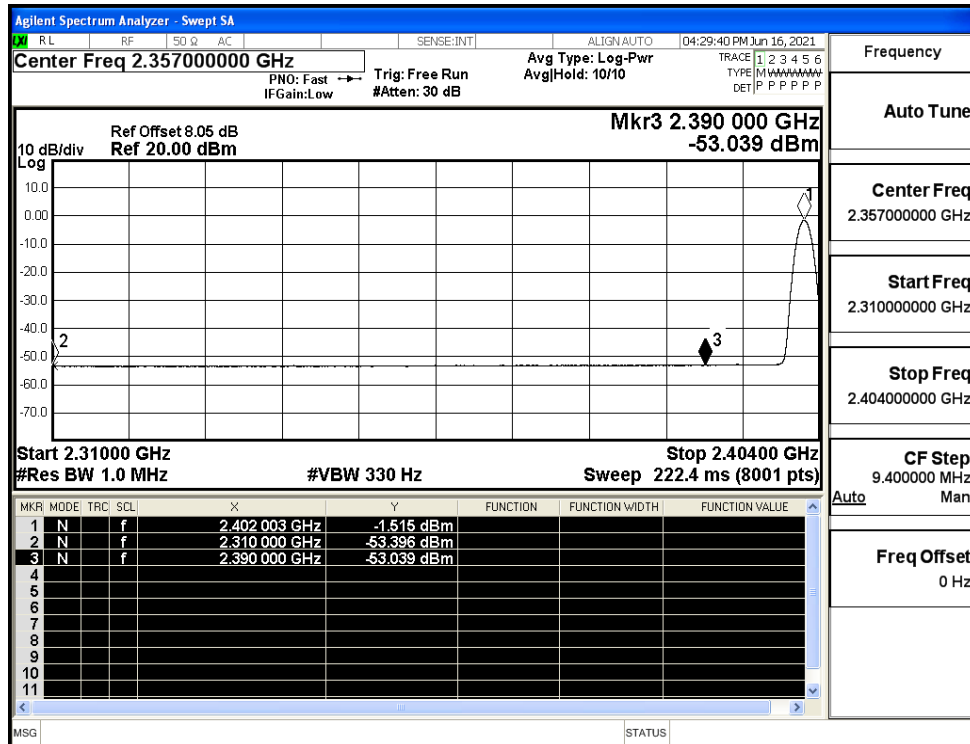
Restrict-band band-edge measurements\_Hopping Off\_π/4-DQPSK\_Average (High Channel)



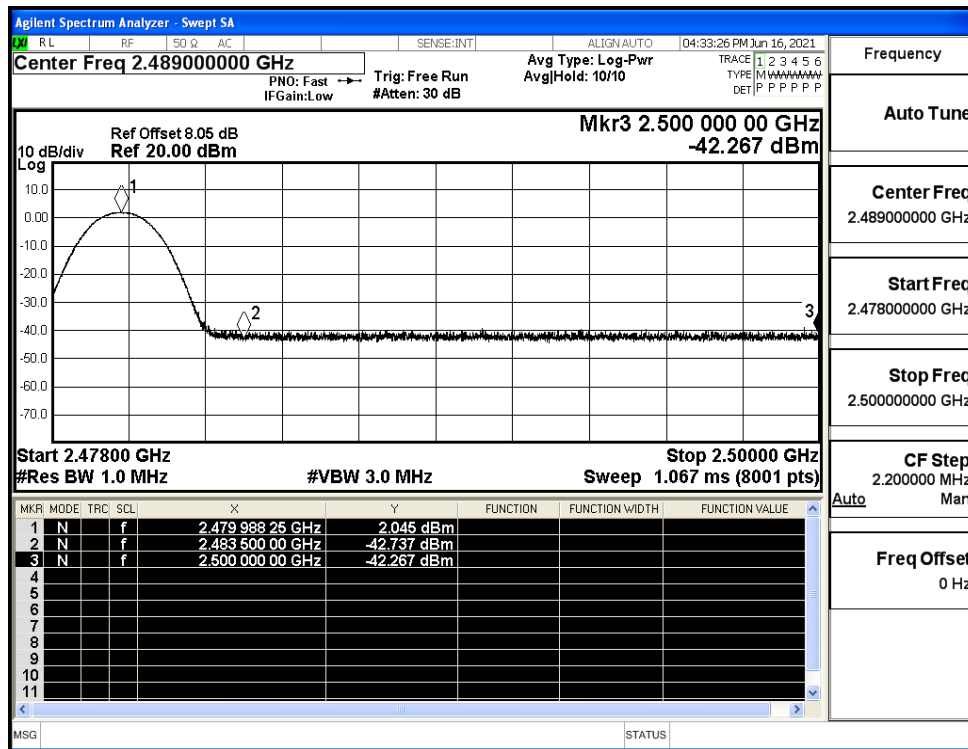
Restrict-band band-edge measurements\_Hopping Off\_8DPSK\_PEAK (Low Channel)



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)

