

Appendix A

RF Test Data for BT V5.1(BDR/EDR) (Conducted Measurement)

Product Name(PMN): T2 ANC Intelligent TWS Active Noise Cancellation Bluetooth headset

Trade Mark: LENTION

Test Model(HVIN): T2 ANC

Environmental Conditions

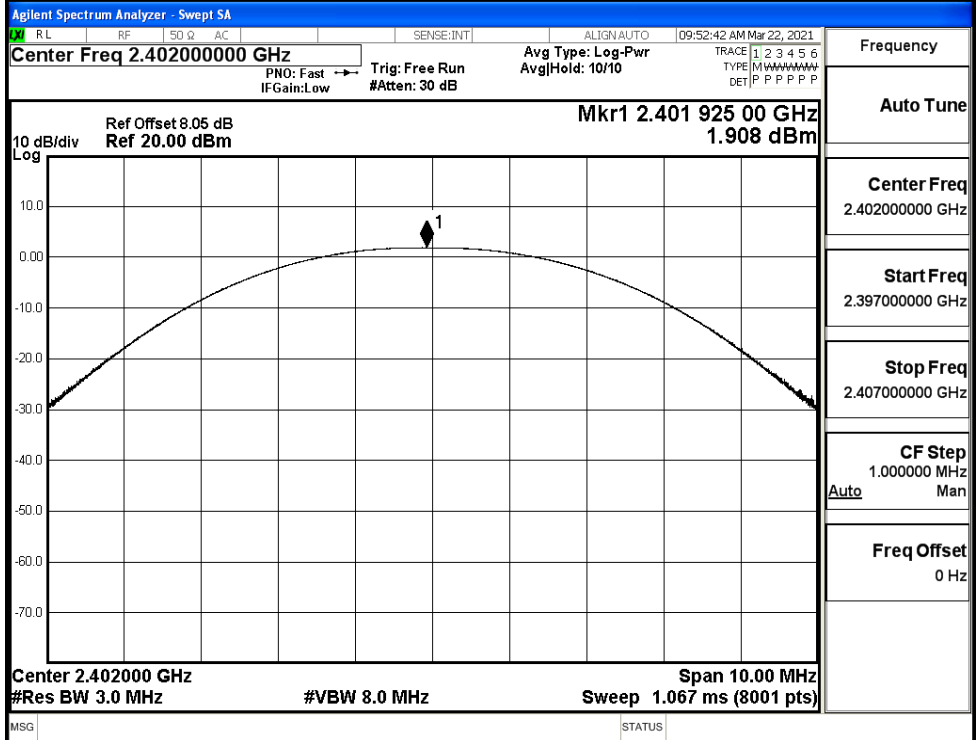
| | |
|--------------------|-----------|
| Temperature: | 24.4° C |
| Relative Humidity: | 52.1% |
| ATM Pressure: | 100.0 kPa |
| Test Engineer: | Carl Fu |
| Supervised by: | Li Huan |

A.1 Maxmum Conducted Peak Output Power

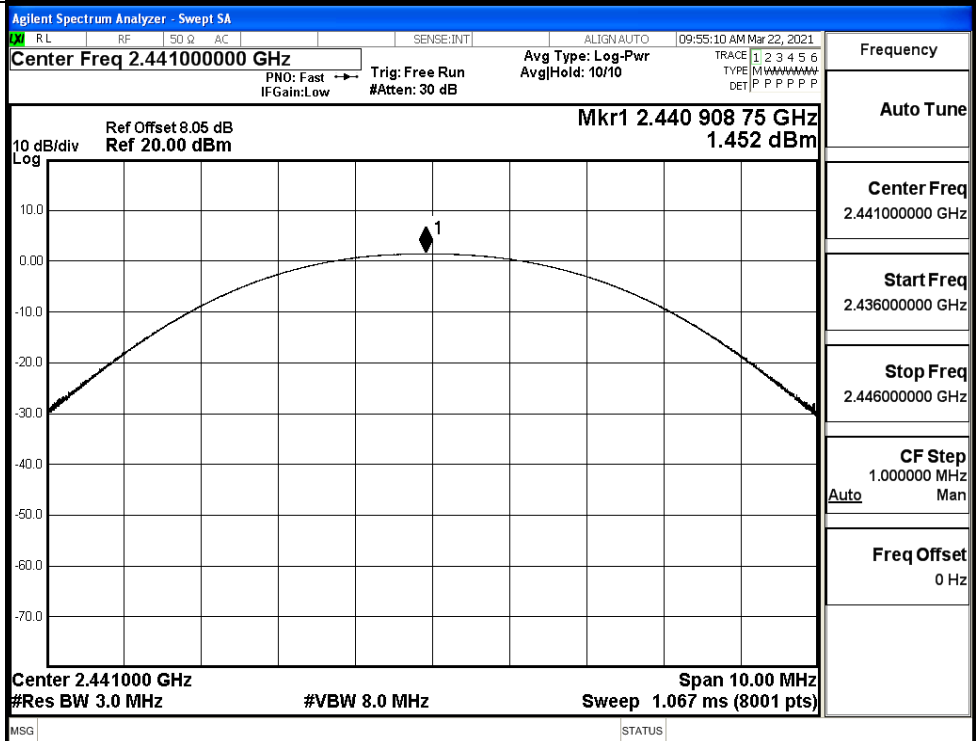
| Mode | Channel. | Maximum Peak Output Power [dBm] | Limit [dBm] | Verdict |
|---------------|----------|---------------------------------|-------------|---------|
| GFSK | LCH | 1.908 | 21 | PASS |
| | MCH | 1.452 | 21 | PASS |
| | HCH | 0.962 | 21 | PASS |
| $\pi/4$ DQPSK | LCH | 1.901 | 21 | PASS |
| | MCH | 1.464 | 21 | PASS |
| | HCH | 1.041 | 21 | PASS |
| 8DPSK | LCH | 2.360 | 21 | PASS |
| | MCH | 2.118 | 21 | PASS |
| | HCH | 1.630 | 21 | PASS |

Test Graphs

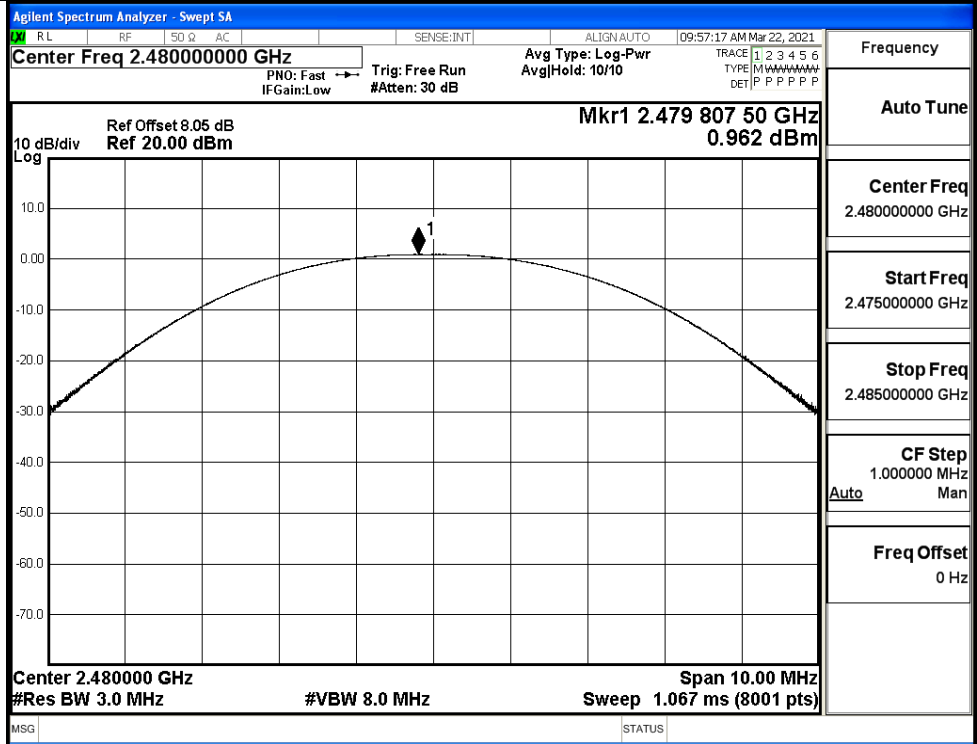
GFSK/LCH



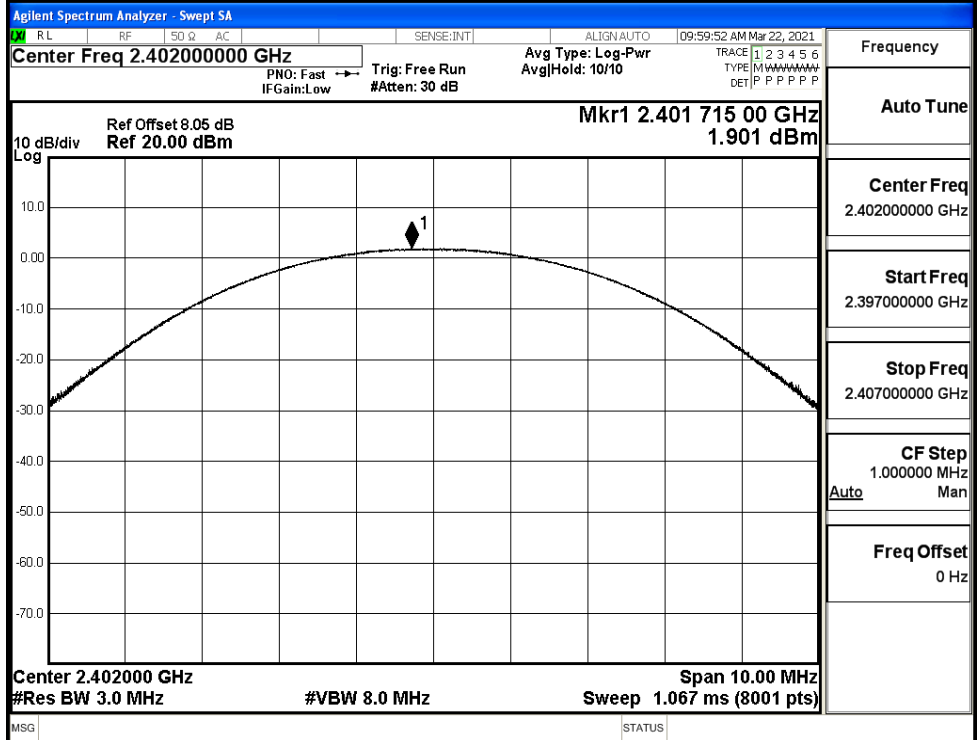
GFSK/MCH



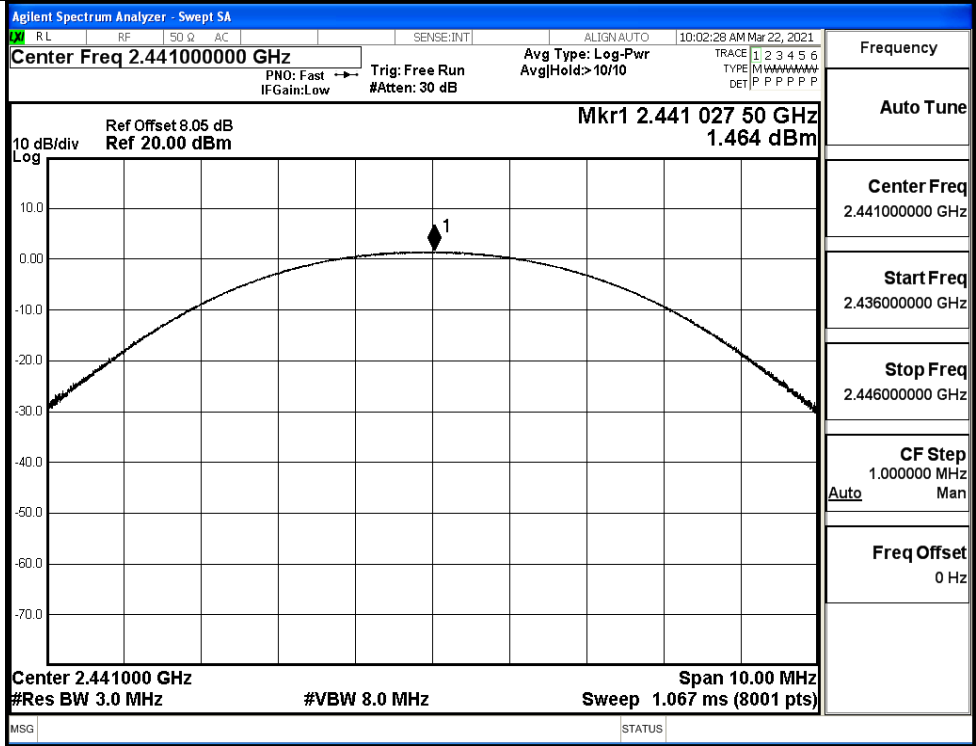
GFSK/HCH



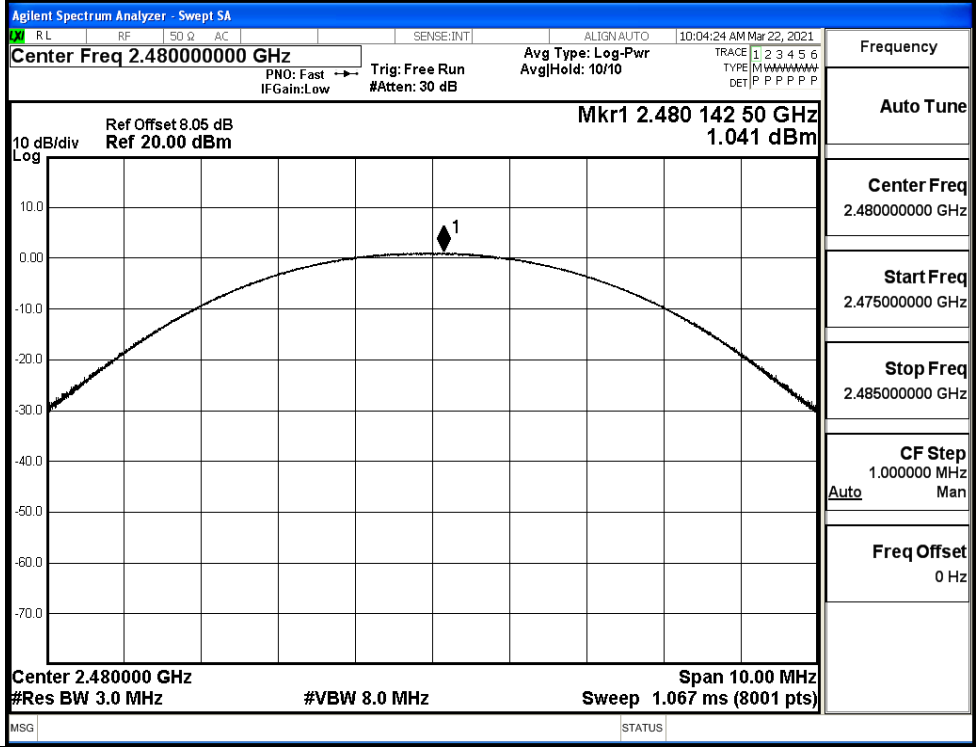
π /4DQPSK/LCH



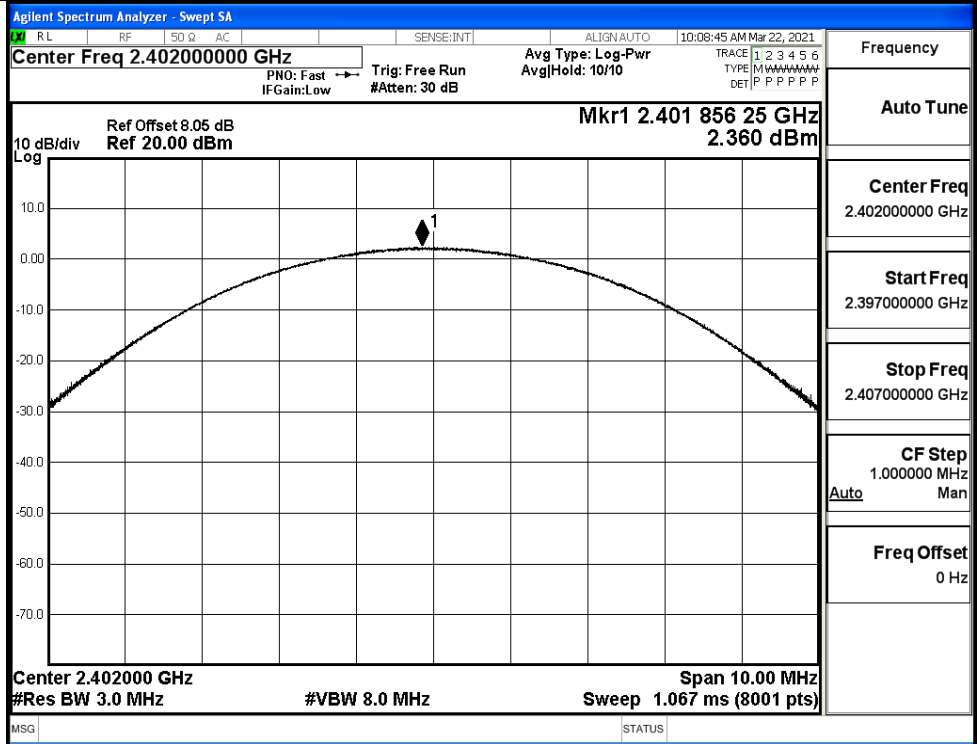
$\pi/4$ DQPSK/MCH



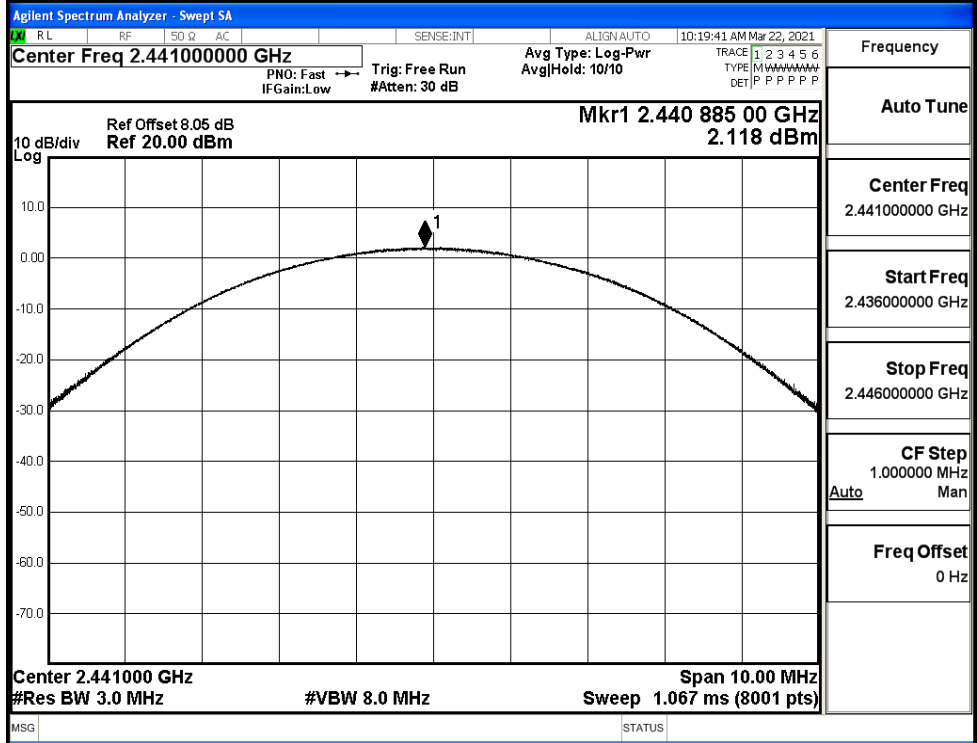
$\pi/4$ DQPSK/HCH



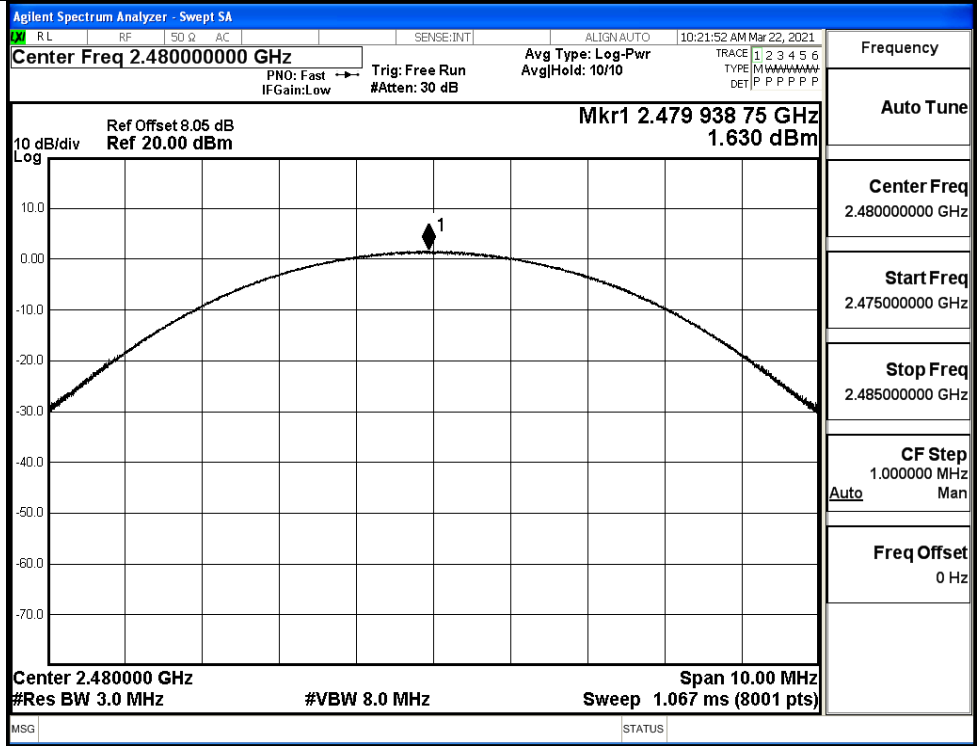
8DPSK/LCH



8DPSK/MCH

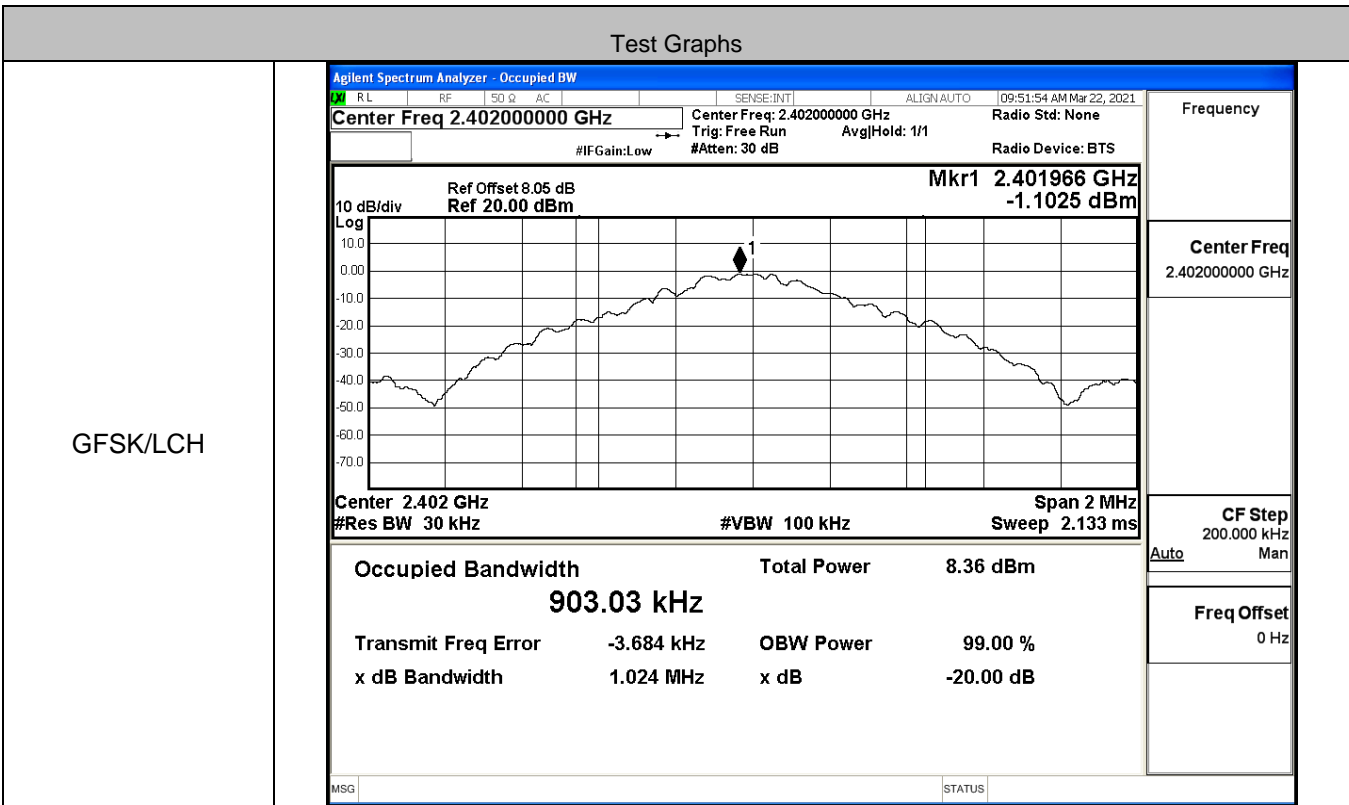


8DPSK/HCH

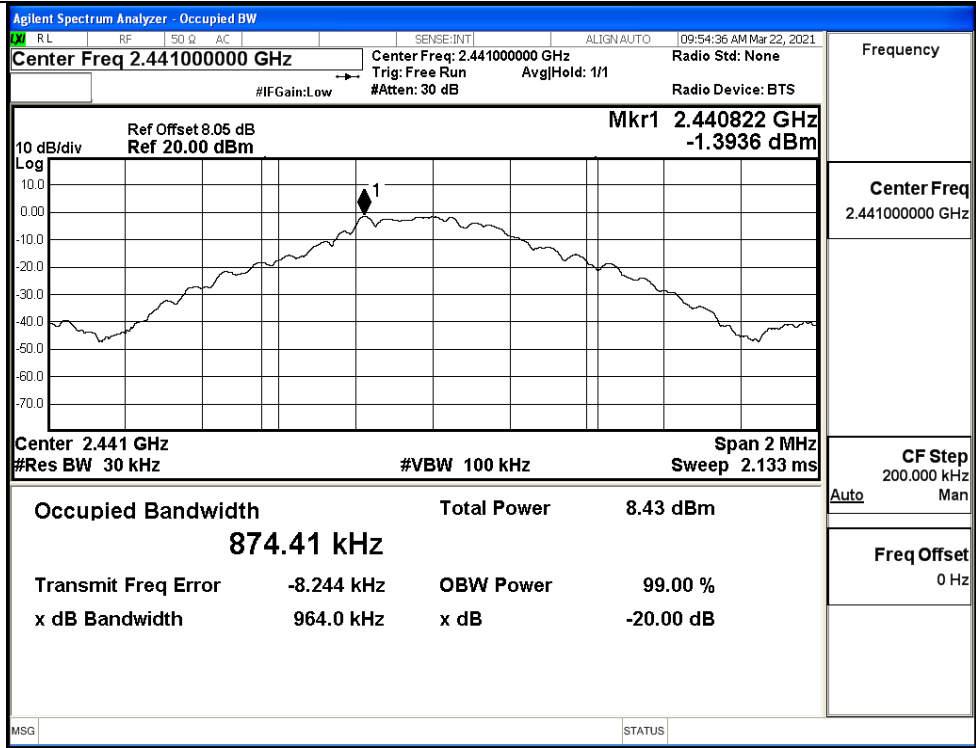


A.2 20dB Bandwidth

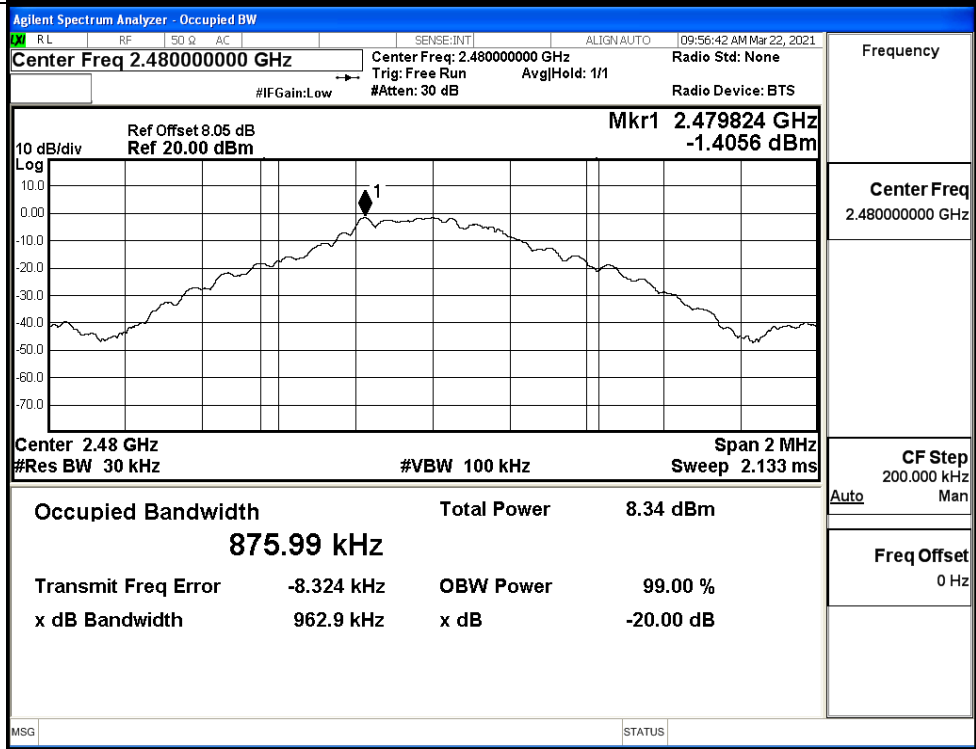
| Mode | Channel. | 20dB Bandwidth [MHz] | Limit [MHz] | Verdict |
|---------------|----------|----------------------|---------------|---------|
| GFSK | LCH | 1.024 | Not Specified | PASS |
| | MCH | 0.9640 | Not Specified | PASS |
| | HCH | 0.9629 | Not Specified | PASS |
| $\pi/4$ DQPSK | LCH | 1.284 | Not Specified | PASS |
| | MCH | 1.284 | Not Specified | PASS |
| | HCH | 1.282 | Not Specified | PASS |
| 8DPSK | LCH | 1.308 | Not Specified | PASS |
| | MCH | 1.306 | Not Specified | PASS |
| | HCH | 1.306 | Not Specified | PASS |



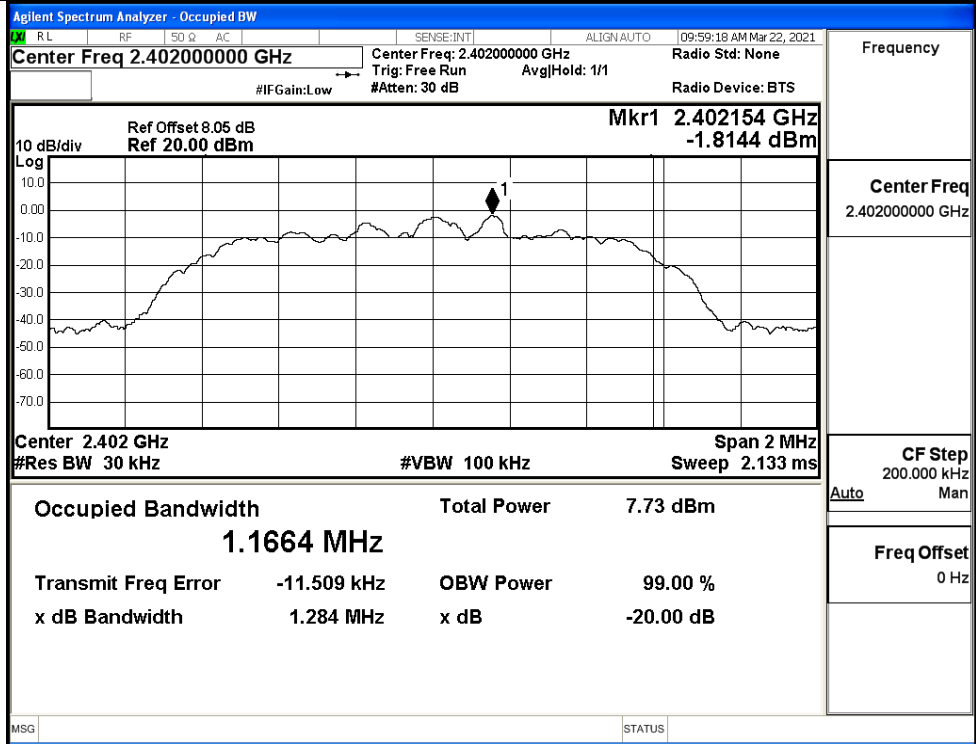
GFSK/MCH



GFSK/HCH



$\pi/4$ DQPSK/LCH

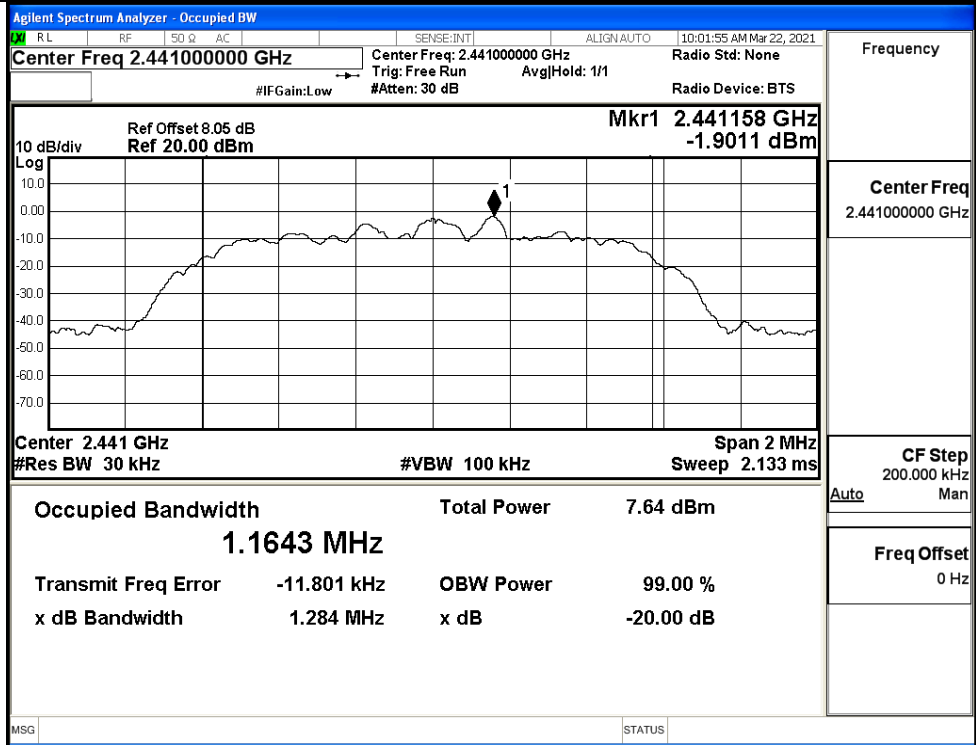


Frequency
2.40200000 GHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz

$\pi/4$ DQPSK/MCH

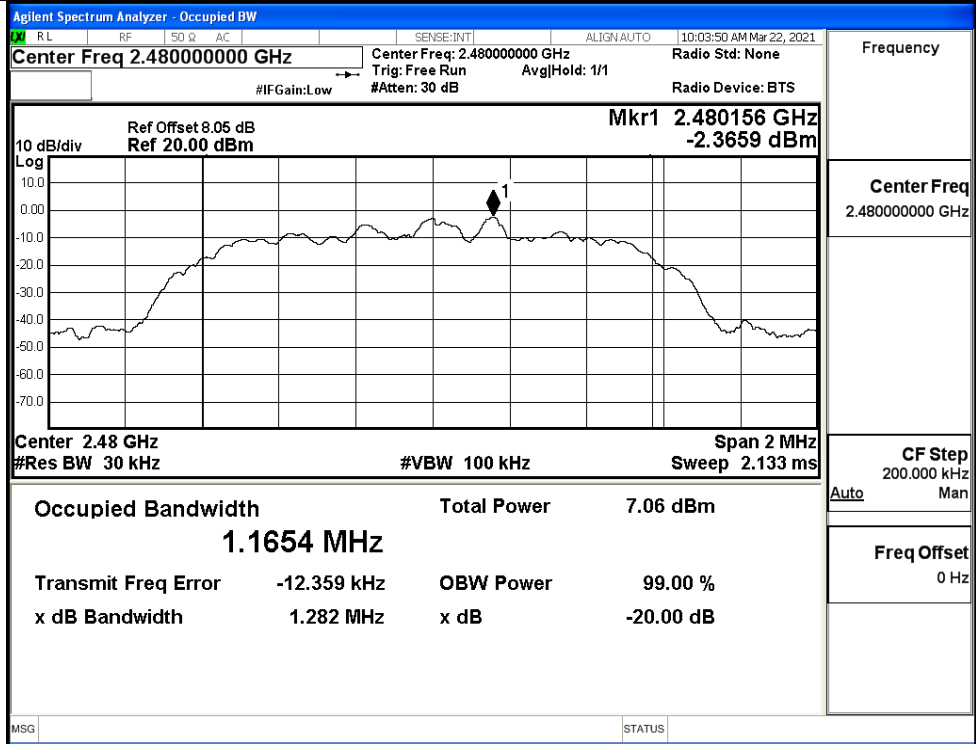


Frequency
2.44100000 GHz

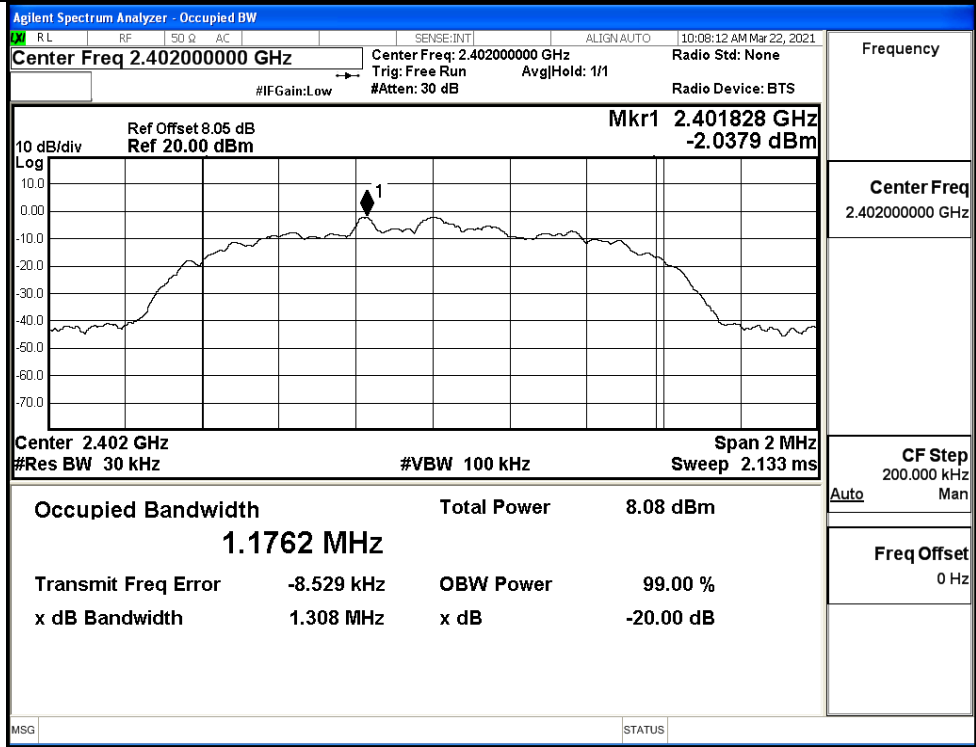
CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz

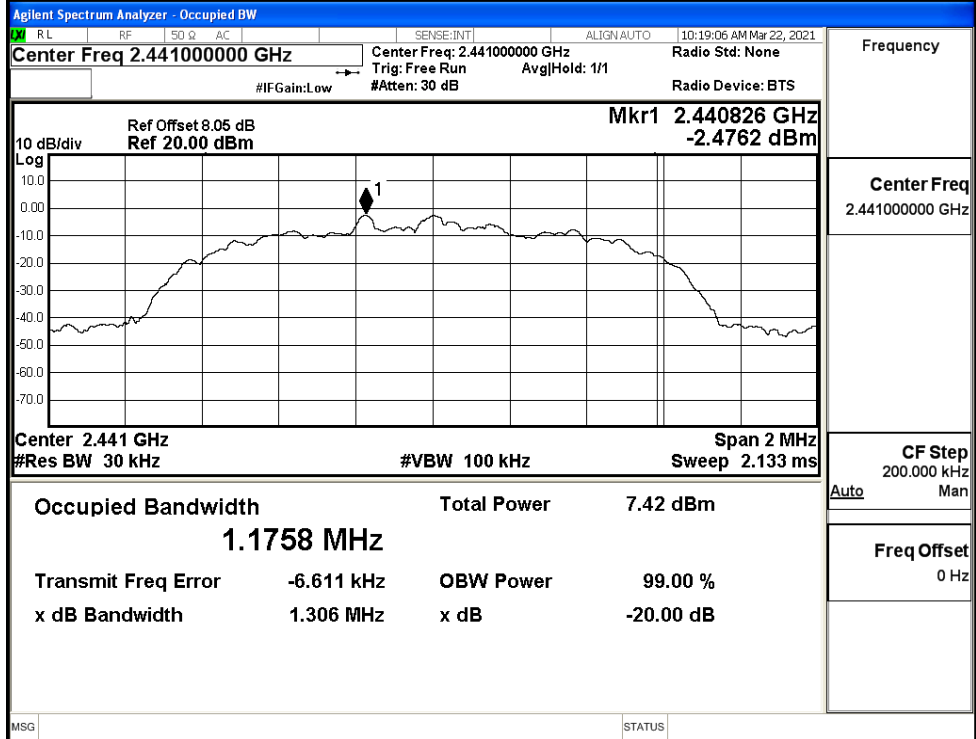
$\pi/4$ DQPSK/HCH



8DPSK/LCH



8DPSK/MCH



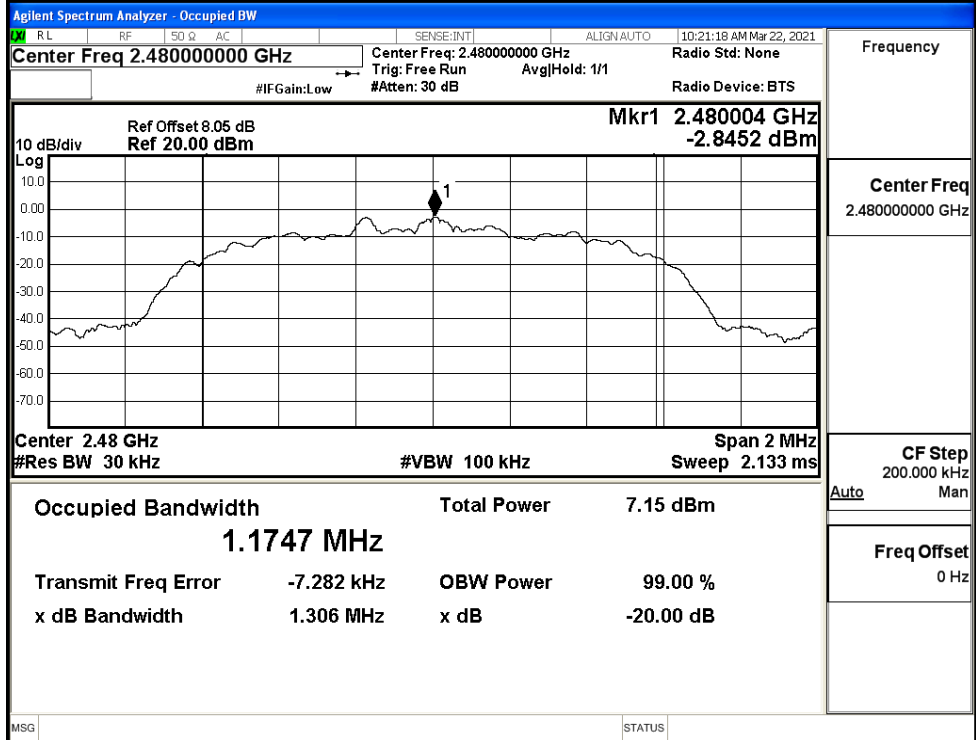
Frequency

Center Freq
2.441000000 GHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz

8DPSK/HCH



Frequency

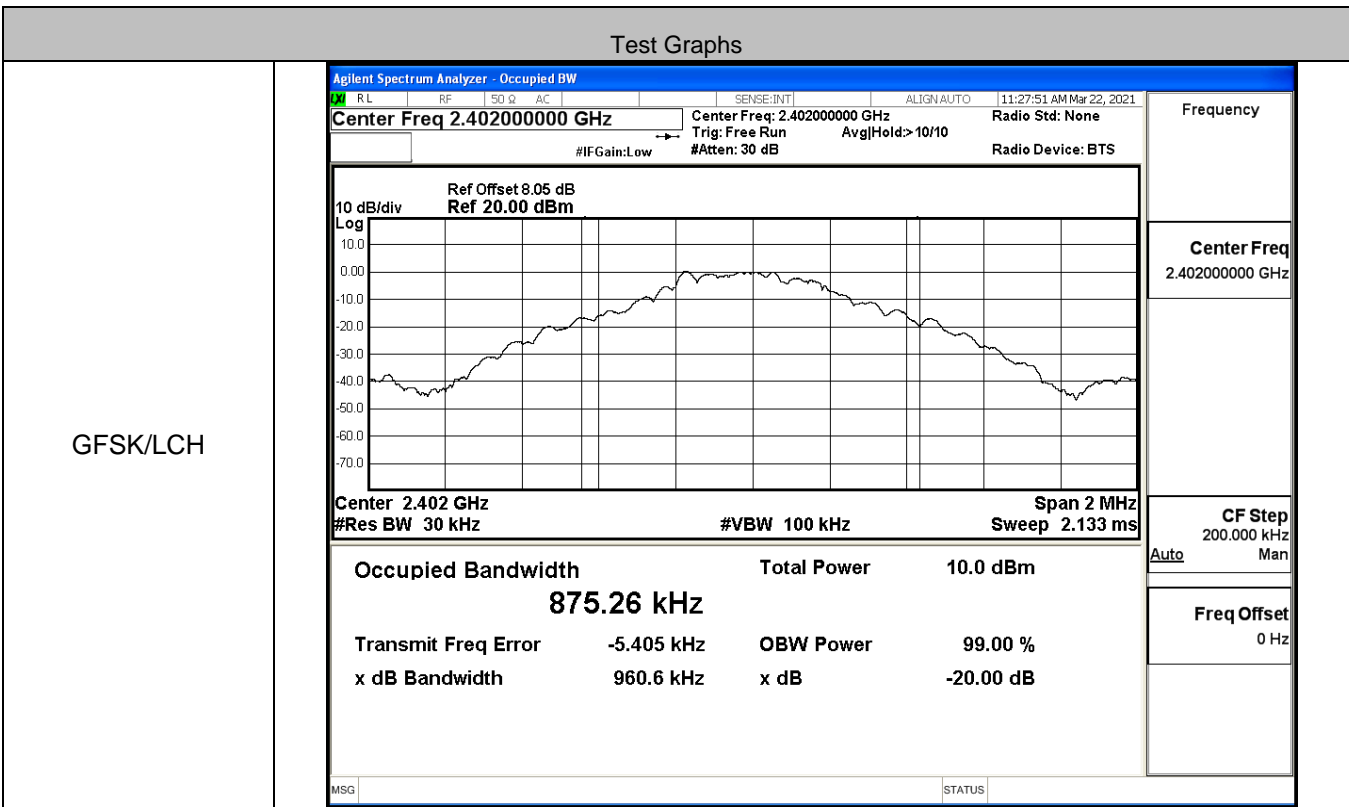
Center Freq
2.480000000 GHz

CF Step
200.000 kHz
Auto Man

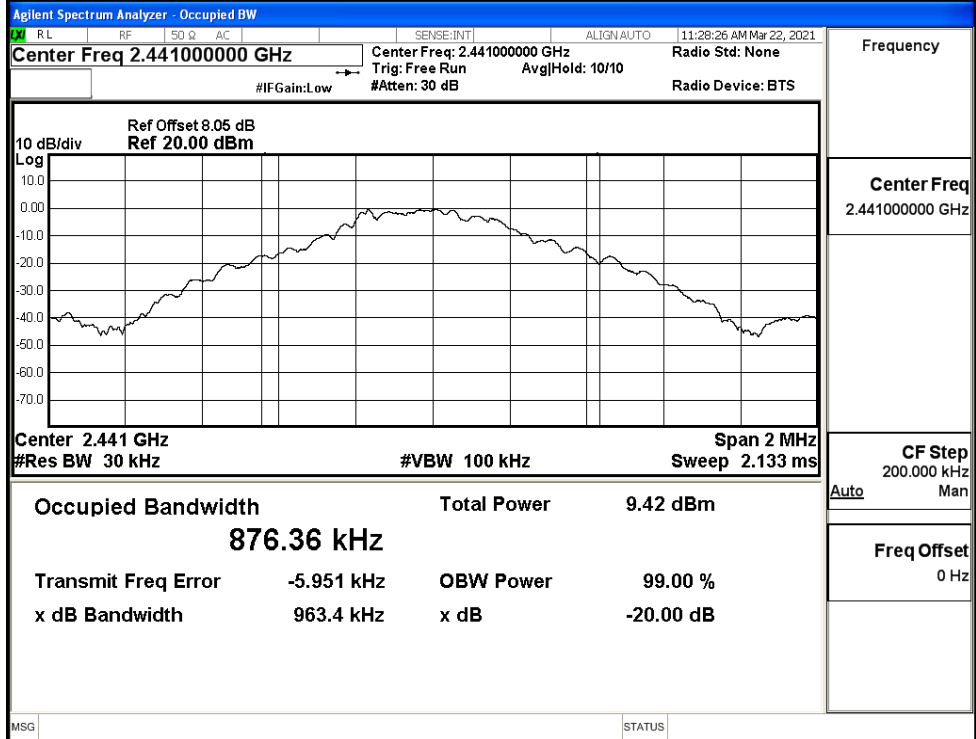
Freq Offset
0 Hz

A.3 Occupied Bandwidth

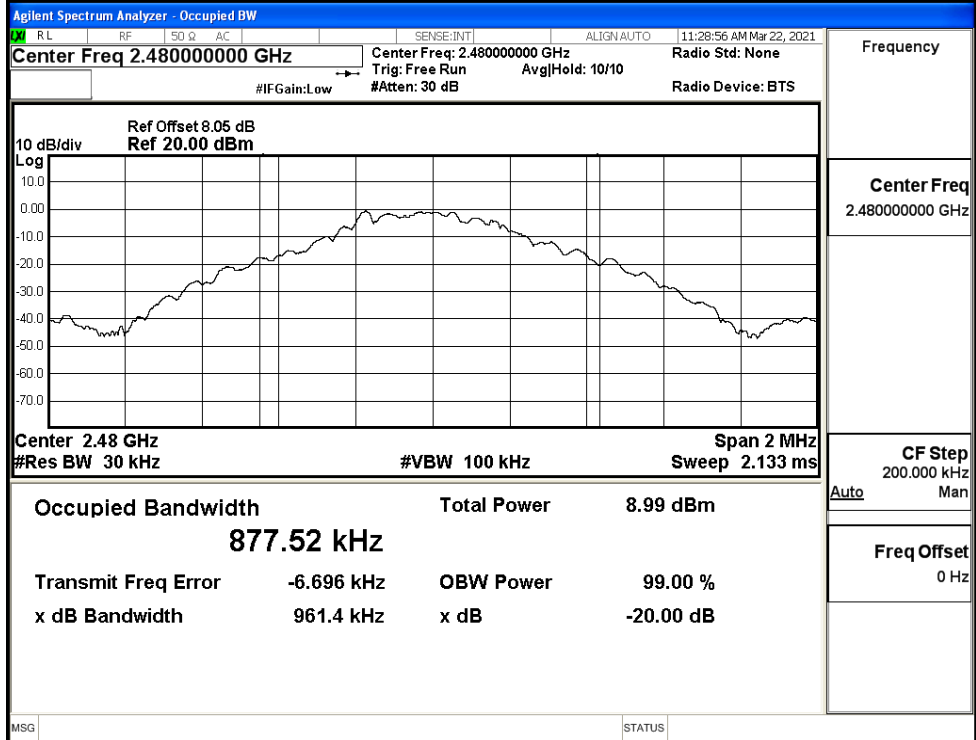
| Mode | Channel. | Occupied Bandwidth [MHz] | Limit [MHz] | Verdict |
|----------|----------|--------------------------|---------------|---------|
| GFSK | LCH | 0.87526 | Not Specified | PASS |
| | MCH | 0.87636 | Not Specified | PASS |
| | HCH | 0.87752 | Not Specified | PASS |
| π/4DQPSK | LCH | 1.1657 | Not Specified | PASS |
| | MCH | 1.1666 | Not Specified | PASS |
| | HCH | 1.1625 | Not Specified | PASS |
| 8DPSK | LCH | 1.1788 | Not Specified | PASS |
| | MCH | 1.1760 | Not Specified | PASS |
| | HCH | 1.1735 | Not Specified | PASS |



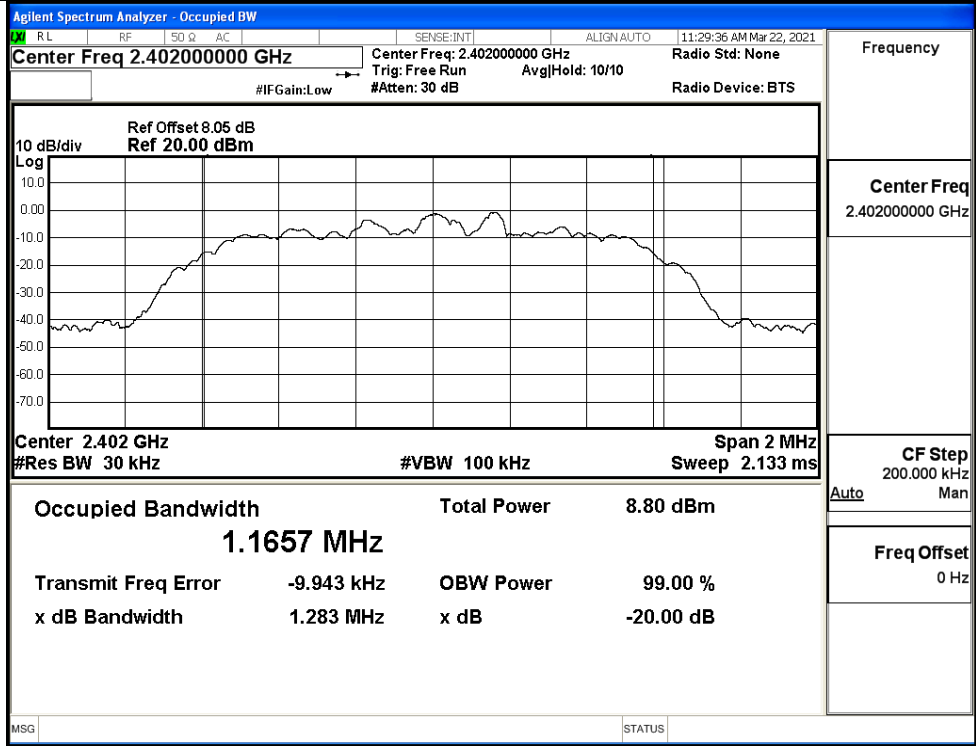
GFSK/MCH



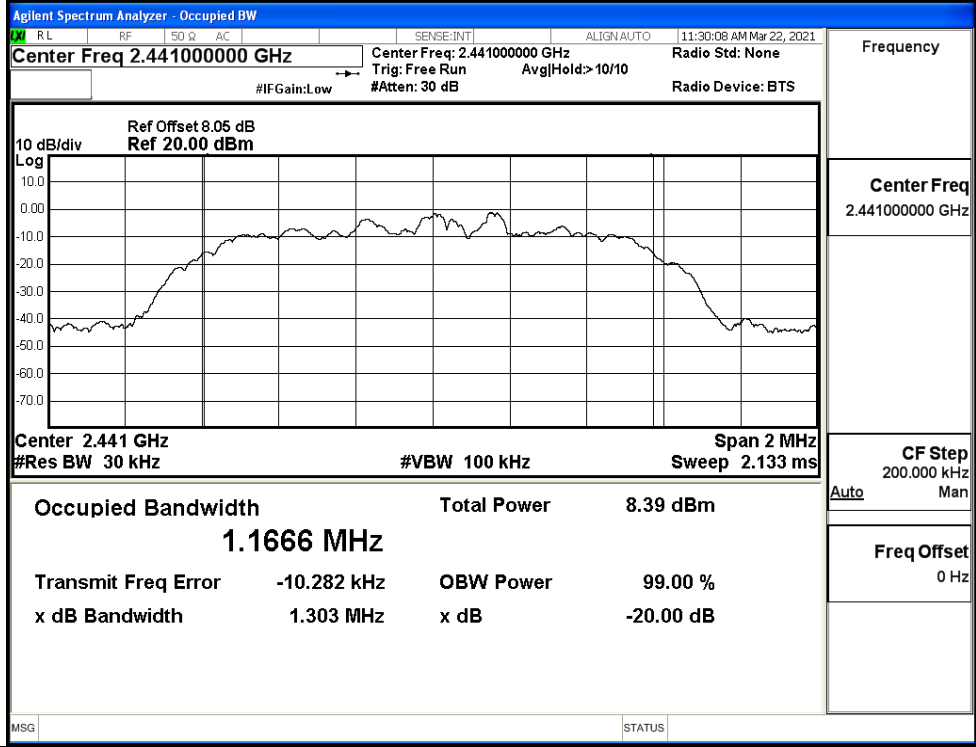
GFSK/HCH



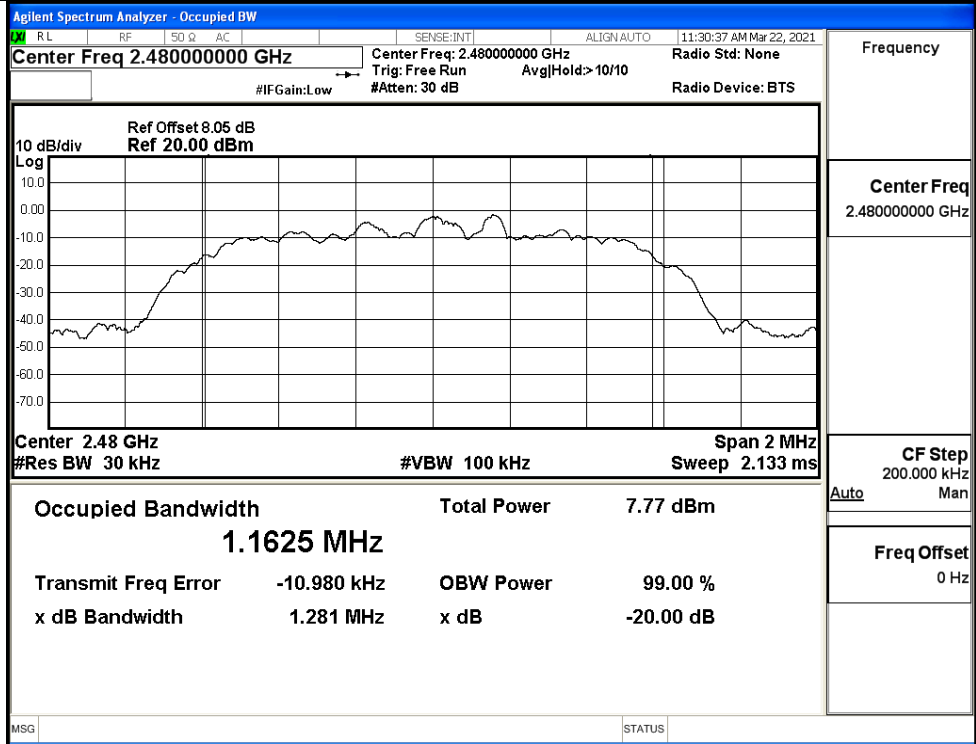
$\pi/4$ DQPSK/LCH



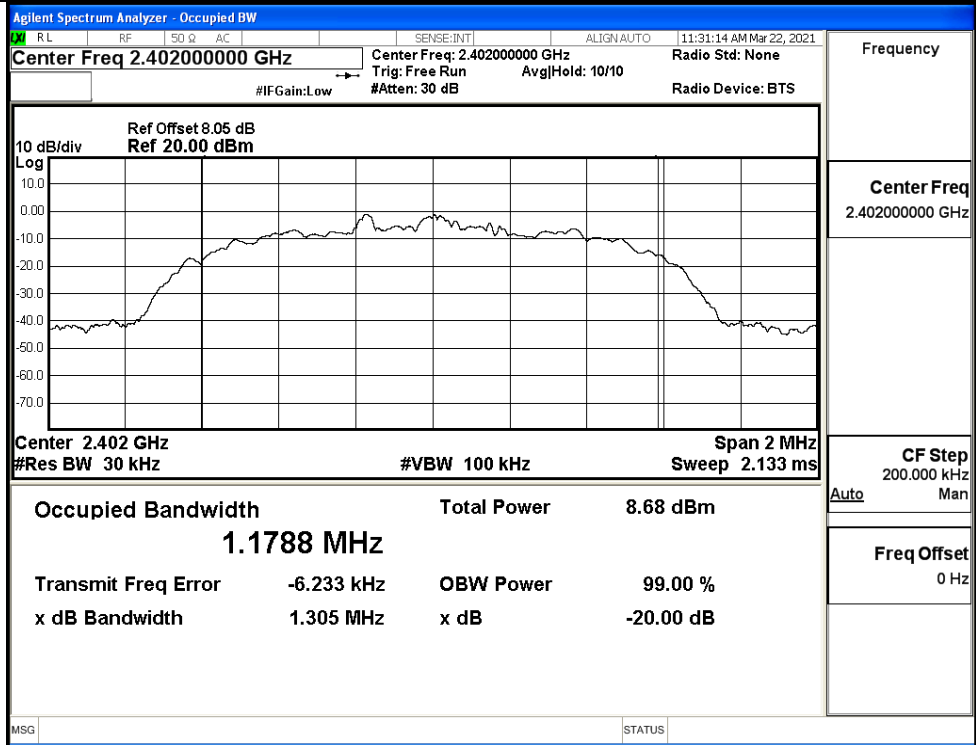
$\pi/4$ DQPSK/MCH



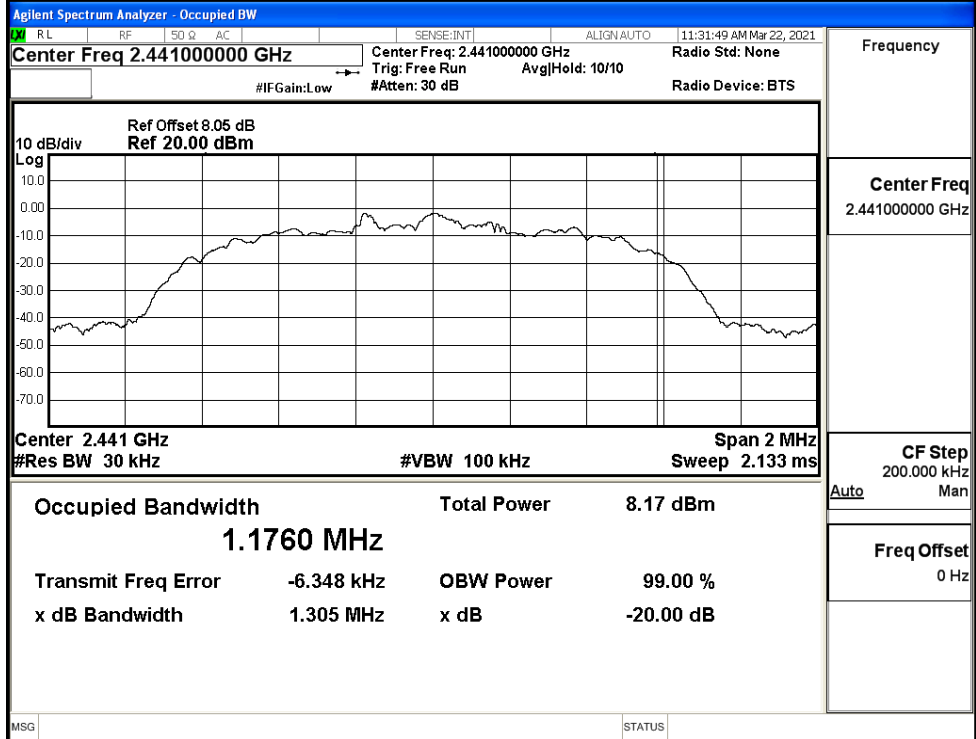
$\pi/4$ DQPSK/HCH



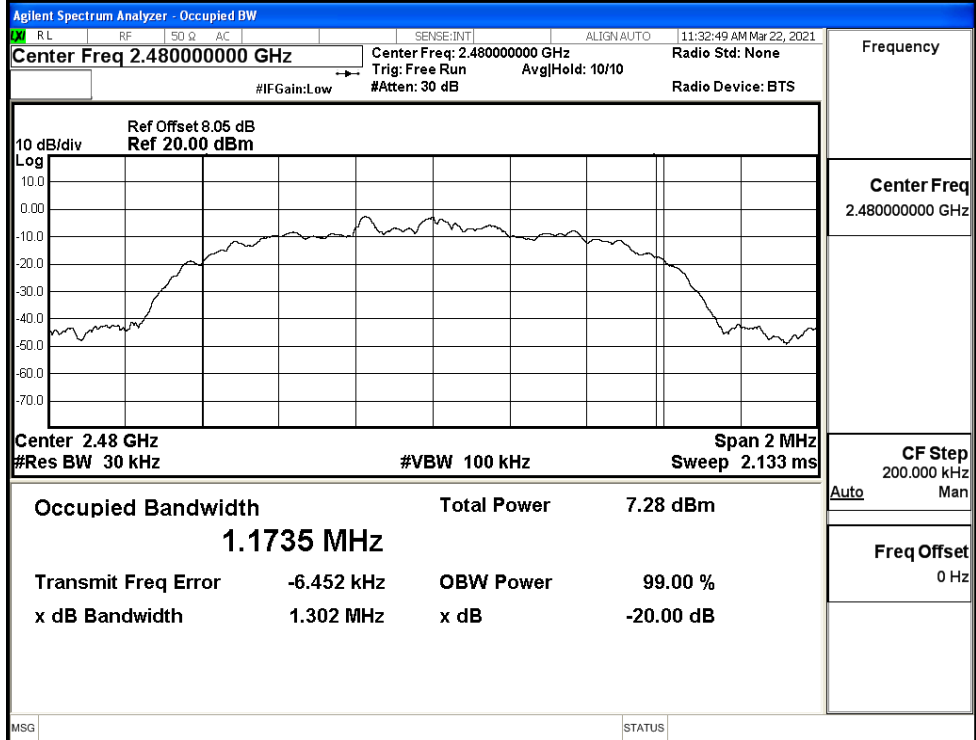
8DPSK/LCH



8DPSK/MCH



8DPSK/HCH



A.4 Carrier Frequency Separation

| Mode | Channel | Carrier Frequency Separation [MHz] | Limit [MHz] | Verdict |
|---------------|---------|------------------------------------|-------------|---------|
| GFSK | LCH | 1.012 | 0.683 | PASS |
| | MCH | 1.066 | 0.683 | PASS |
| | HCH | 1.000 | 0.683 | PASS |
| $\pi/4$ DQPSK | LCH | 1.180 | 0.856 | PASS |
| | MCH | 0.992 | 0.856 | PASS |
| | HCH | 1.156 | 0.856 | PASS |
| 8DPSK | LCH | 1.148 | 0.872 | PASS |
| | MCH | 0.984 | 0.872 | PASS |
| | HCH | 1.270 | 0.872 | PASS |

Test Graphs

GFSK/LCH

Agilent Spectrum Analyzer - Swept SA

Center Freq 2.402500000 GHz

ΔMkr1 1.011 50 MHz
0.113 dB

Start 2.401500 GHz Stop 2.403500 GHz

| MKR | MODE | TRC | SCL | X | Y | FUNCTION | FUNCTION WIDTH | FUNCTION VALUE |
|-----|------|-----|-----|------------------|-----------|----------|----------------|----------------|
| 1 | A2 | f | (Δ) | 1.011 50 MHz (Δ) | 0.113 dB | | | |
| 2 | F | f | | 2.402 010 50 GHz | 0.709 dBm | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |

Frequency

Auto Tune

Center Freq
2.402500000 GHz

Start Freq
2.401500000 GHz

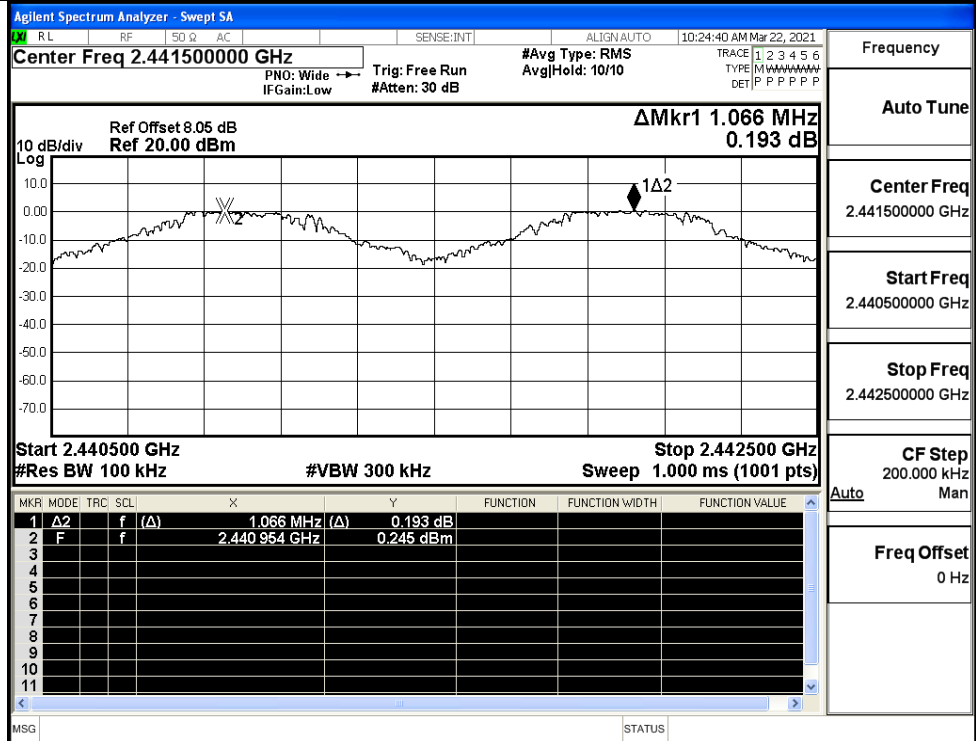
Stop Freq
2.403500000 GHz

CF Step
200.000 kHz

Auto Man

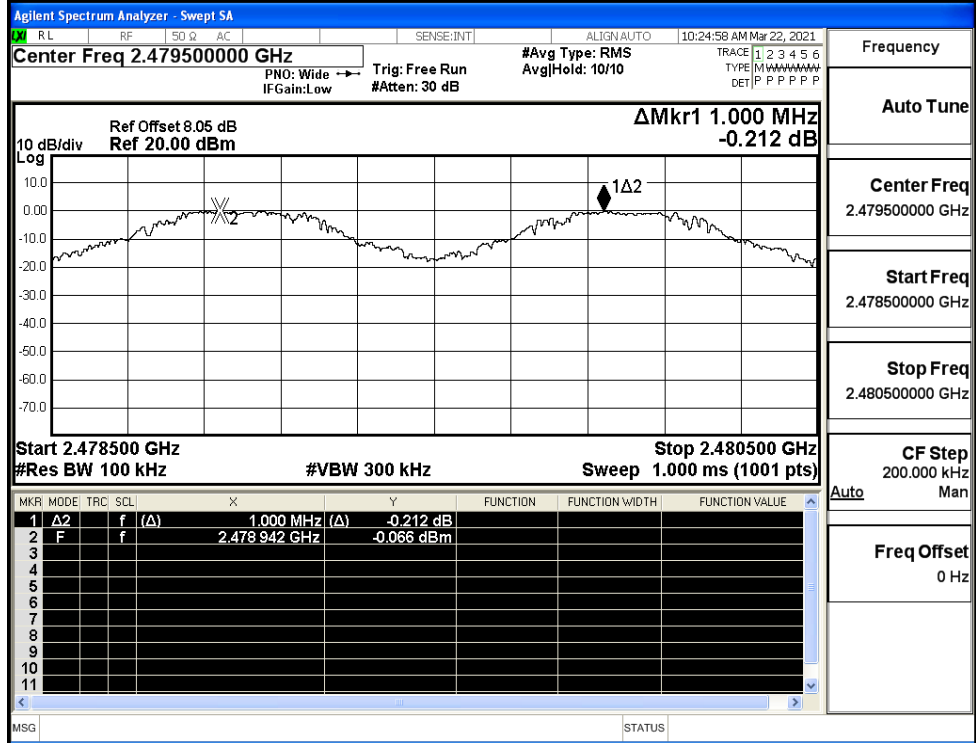
Freq Offset
0 Hz

GFSK/MCH



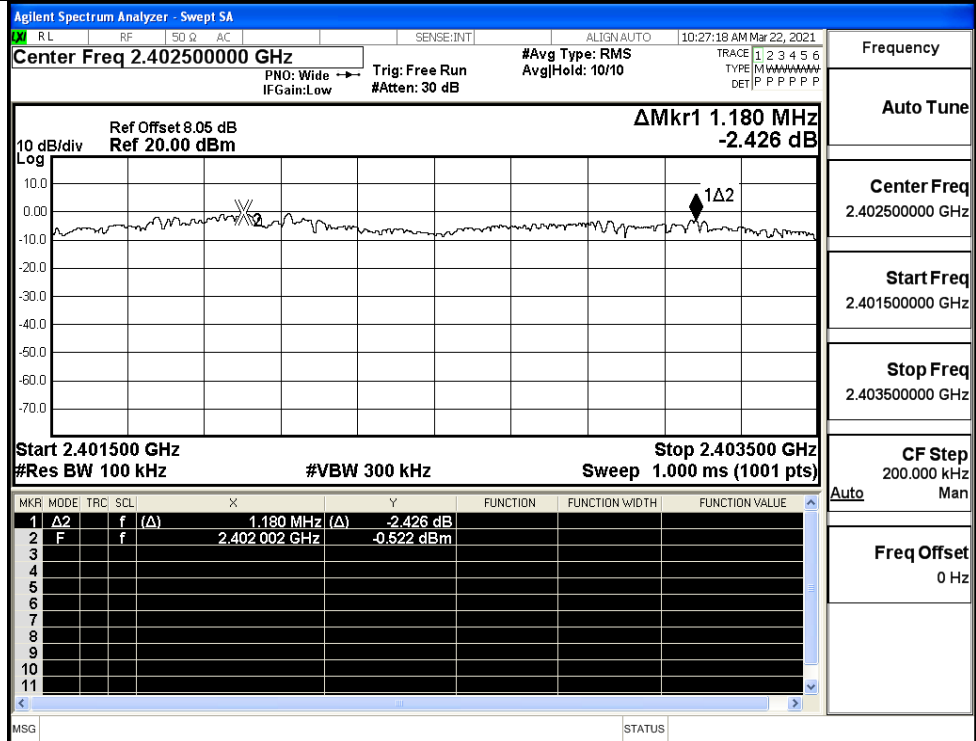
Frequency
Auto Tune
Center Freq
2.441500000 GHz
Start Freq
2.440500000 GHz
Stop Freq
2.442500000 GHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz

GFSK/HCH



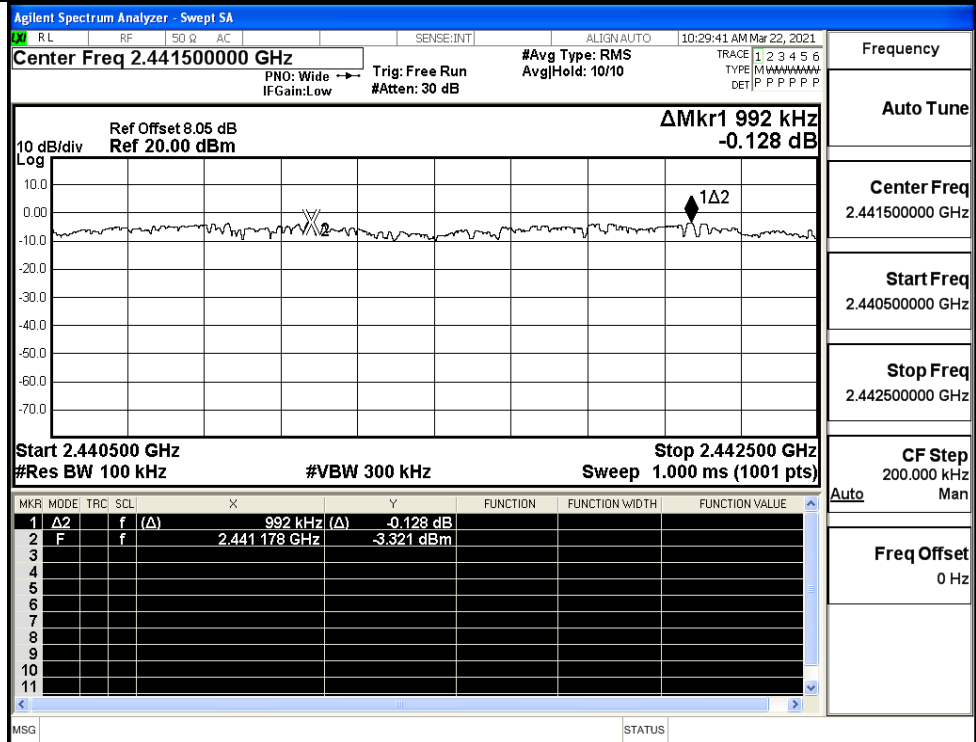
Frequency
Auto Tune
Center Freq
2.479500000 GHz
Start Freq
2.478500000 GHz
Stop Freq
2.480500000 GHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz

$\pi/4$ DQPSK/LCH



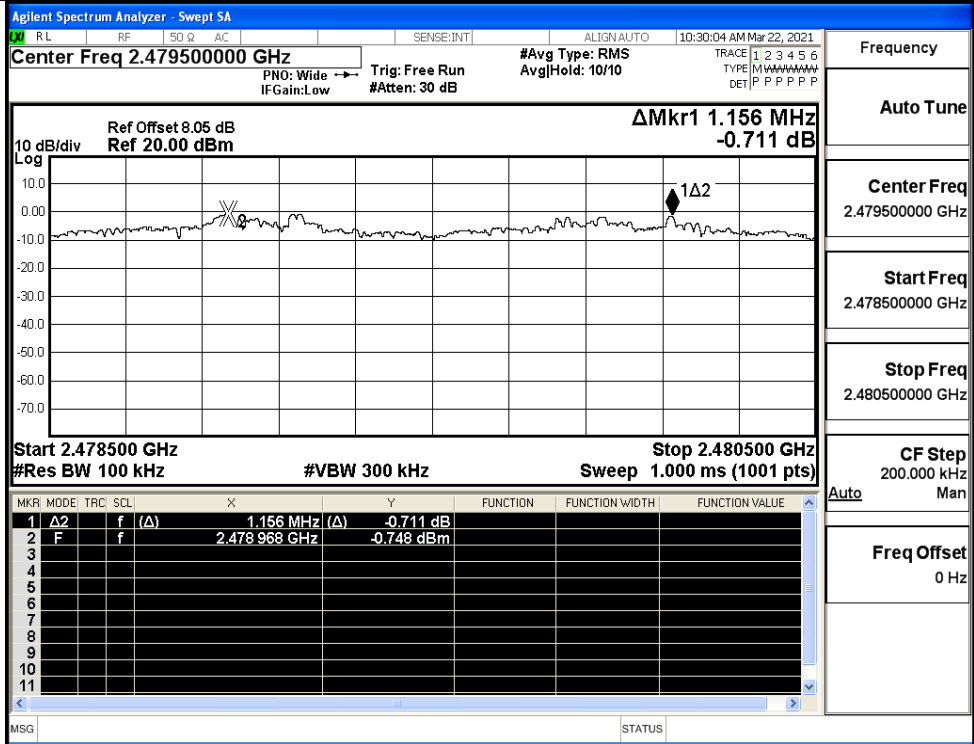
Frequency
Auto Tune
Center Freq
2.402500000 GHz
Start Freq
2.401500000 GHz
Stop Freq
2.403500000 GHz
CF Step
200.000 kHz
Auto Man
Freq Offset
0 Hz

$\pi/4$ DQPSK/MCH

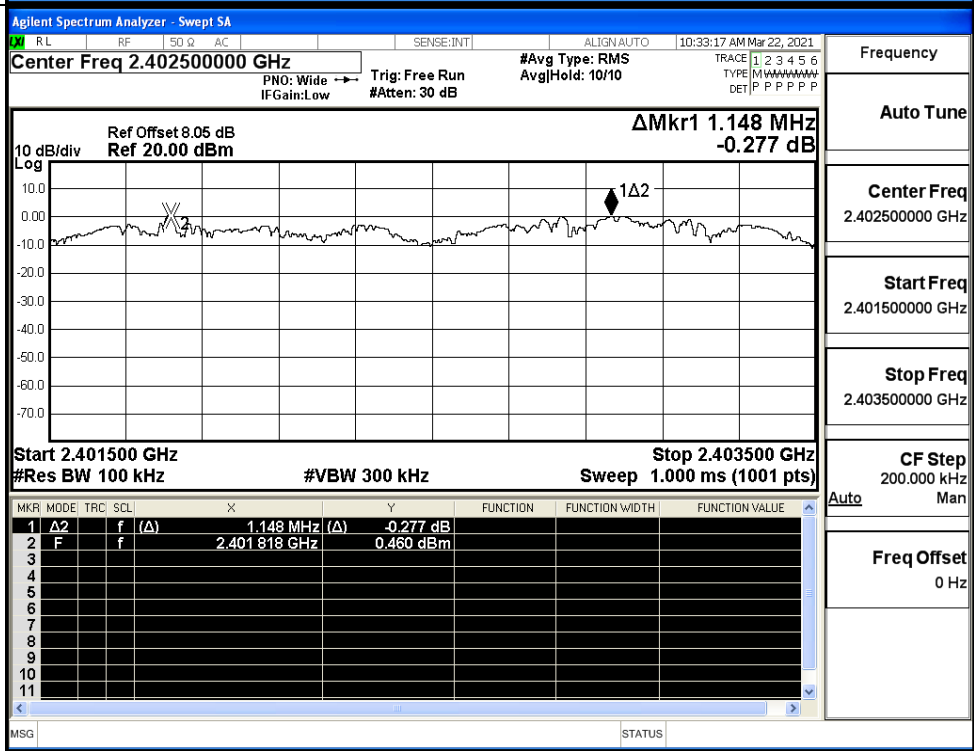


Frequency
Auto Tune
Center Freq
2.441500000 GHz
Start Freq
2.440500000 GHz
Stop Freq
2.442500000 GHz
CF Step
200.000 kHz
Auto Man
Freq Offset
0 Hz

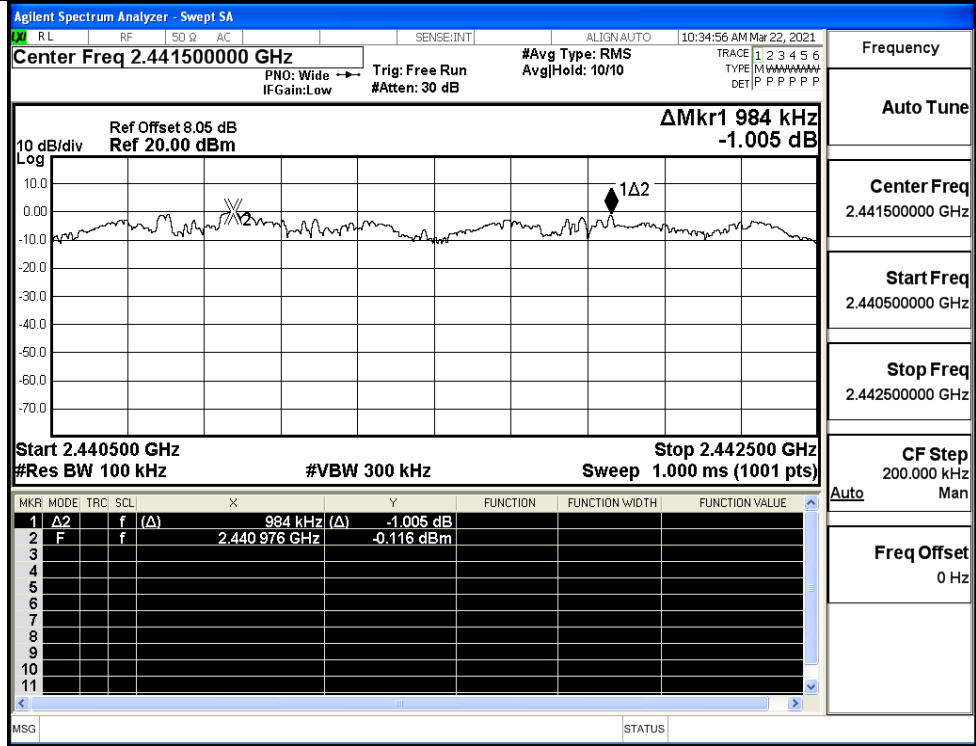
π/4DQPSK/HCH



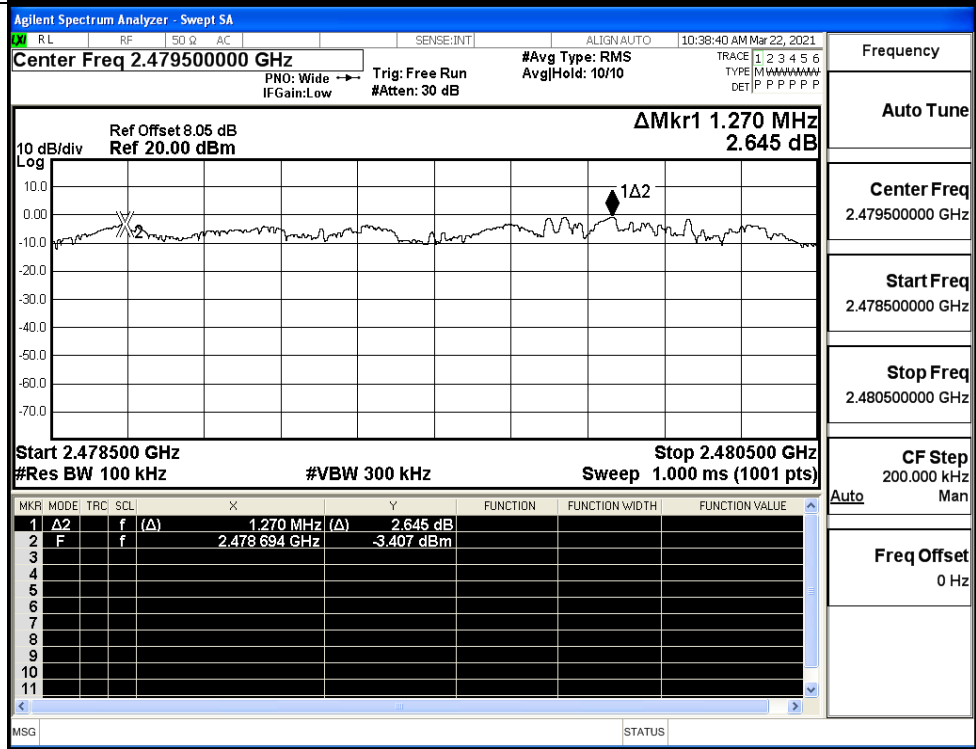
8DPSK/LCH



8DPSK/MCH



8DPSK/HCH



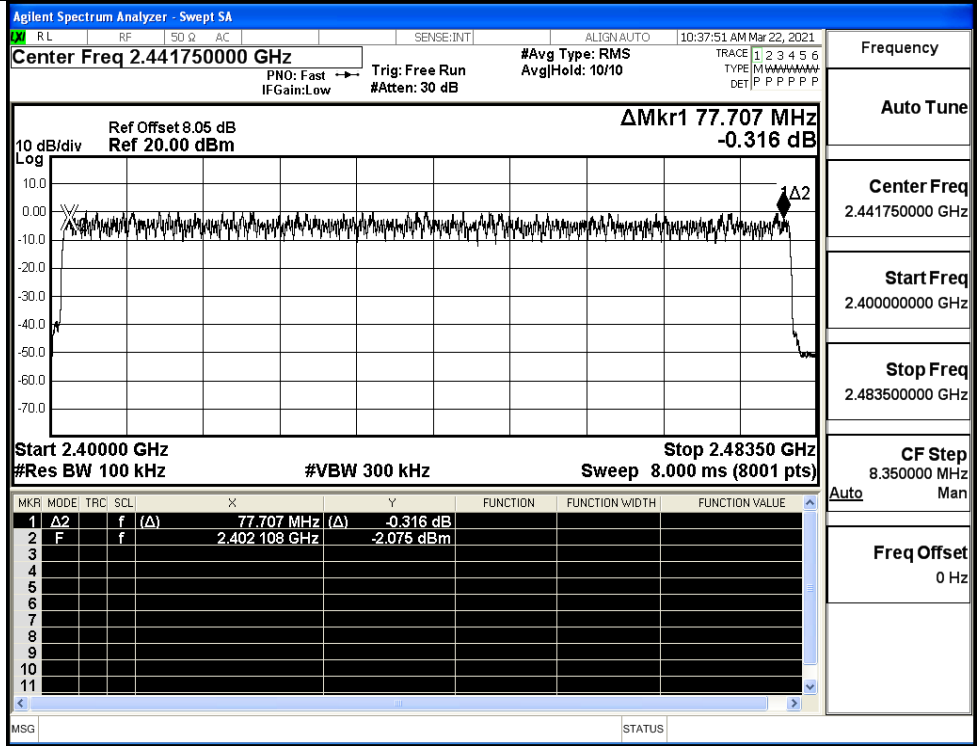
A.5 Hopping Channel Number

| 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

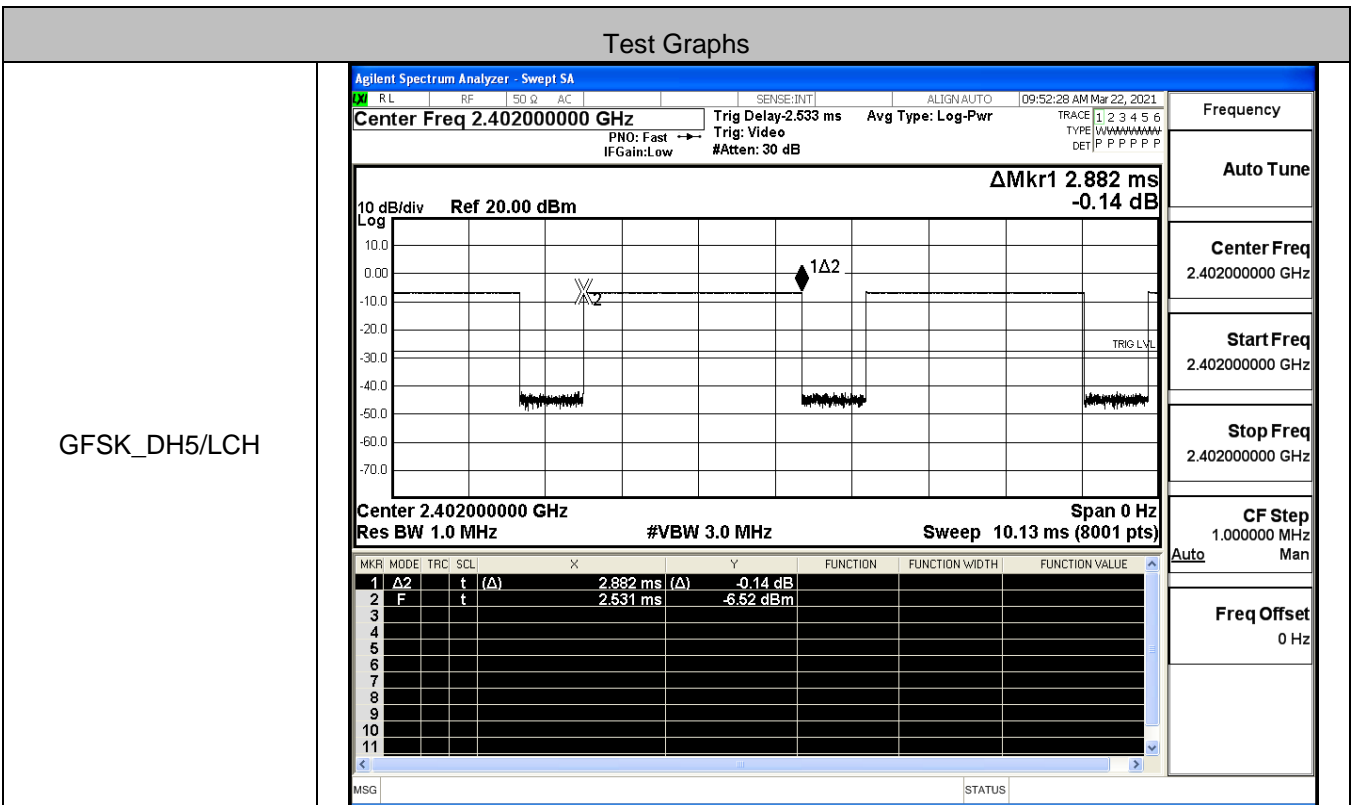
| <p>GFSK/Hop</p> | <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.441750000 GHz</p> <p>Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>ΔMkr1 77.999 MHz -1.293 dB</p> <p>Start 2.40000 GHz #Res BW 100 kHz</p> <p>Stop 2.48350 GHz #VBW 300 kHz Sweep 8.000 ms (8001 pts)</p> <table border="1"> <thead> <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>Δ2</td> <td>f</td> <td>(Δ)</td> <td>77.999 MHz (Δ)</td> <td>-1.293 dB</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>F</td> <td>f</td> <td>(Δ)</td> <td>2.401 921 GHz</td> <td>1.593 dBm</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | MKR | MODE | TRC | SCL | X | Y | FUNCTION | FUNCTION WIDTH | FUNCTION VALUE | 1 | Δ 2 | f | (Δ) | 77.999 MHz (Δ) | -1.293 dB | | | | 2 | F | f | (Δ) | 2.401 921 GHz | 1.593 dBm | | | | <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.441750000 GHz</p> <p>Start Freq 2.400000000 GHz</p> <p>Stop Freq 2.483500000 GHz</p> <p>CF Step 8.350000 MHz Man</p> <p>Freq Offset 0 Hz</p> |
|------------------------------------|---|-----|--------------|-------------------------|------------|----------|----------------|----------------|----------------|----------------|---|------------|---|--------------|-------------------------|-----------|--|--|--|---|---|---|--------------|---------------|------------|--|--|--|---|
| MKR | MODE | TRC | SCL | X | Y | FUNCTION | FUNCTION WIDTH | FUNCTION VALUE | | | | | | | | | | | | | | | | | | | | | |
| 1 | Δ 2 | f | (Δ) | 77.999 MHz (Δ) | -1.293 dB | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | F | f | (Δ) | 2.401 921 GHz | 1.593 dBm | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>$\pi/4$DQPSK/Hop</p> | <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>ΔMkr1 77.843 MHz -0.792 dB</p> <p>Start 2.40000 GHz #Res BW 100 kHz</p> <p>Stop 2.48350 GHz #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>Δ2</td> <td>f</td> <td>(Δ)</td> <td>77.843 MHz (Δ)</td> <td>-0.792 dB</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>F</td> <td>f</td> <td>(Δ)</td> <td>2.402 140 GHz</td> <td>-0.133 dBm</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | MKR | MODE | TRC | SCL | X | Y | FUNCTION | FUNCTION WIDTH | FUNCTION VALUE | 1 | Δ 2 | f | (Δ) | 77.843 MHz (Δ) | -0.792 dB | | | | 2 | F | f | (Δ) | 2.402 140 GHz | -0.133 dBm | | | | <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.441750000 GHz</p> <p>Start Freq 2.400000000 GHz</p> <p>Stop Freq 2.483500000 GHz</p> <p>CF Step 8.350000 MHz Man</p> <p>Freq Offset 0 Hz</p> |
| MKR | MODE | TRC | SCL | X | Y | FUNCTION | FUNCTION WIDTH | FUNCTION VALUE | | | | | | | | | | | | | | | | | | | | | |
| 1 | Δ 2 | f | (Δ) | 77.843 MHz (Δ) | -0.792 dB | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | F | f | (Δ) | 2.402 140 GHz | -0.133 dBm | | | | | | | | | | | | | | | | | | | | | | | | |

8DPSK/Hop

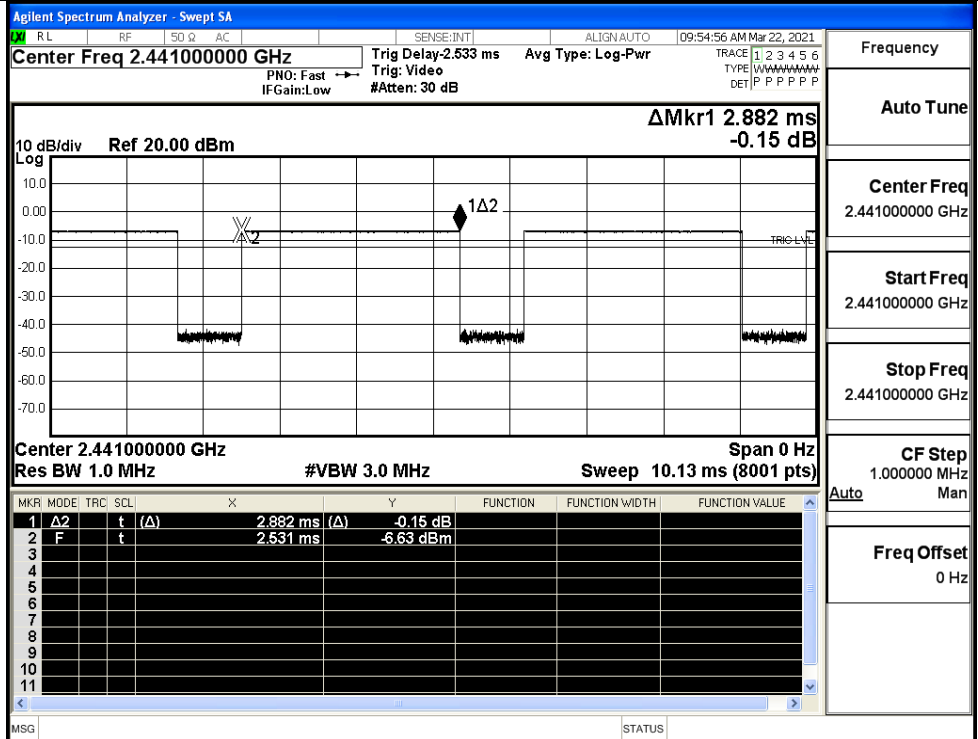


A.6 Dwell Time

| 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 | 2.88 | 106.7 | 0.308 | 0.4 | PASS |
| | 2DH5 | MCH | 2.88 | 106.7 | 0.308 | 0.4 | PASS |
| | 2DH5 | HCH | 2.88 | 106.7 | 0.308 | 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 |

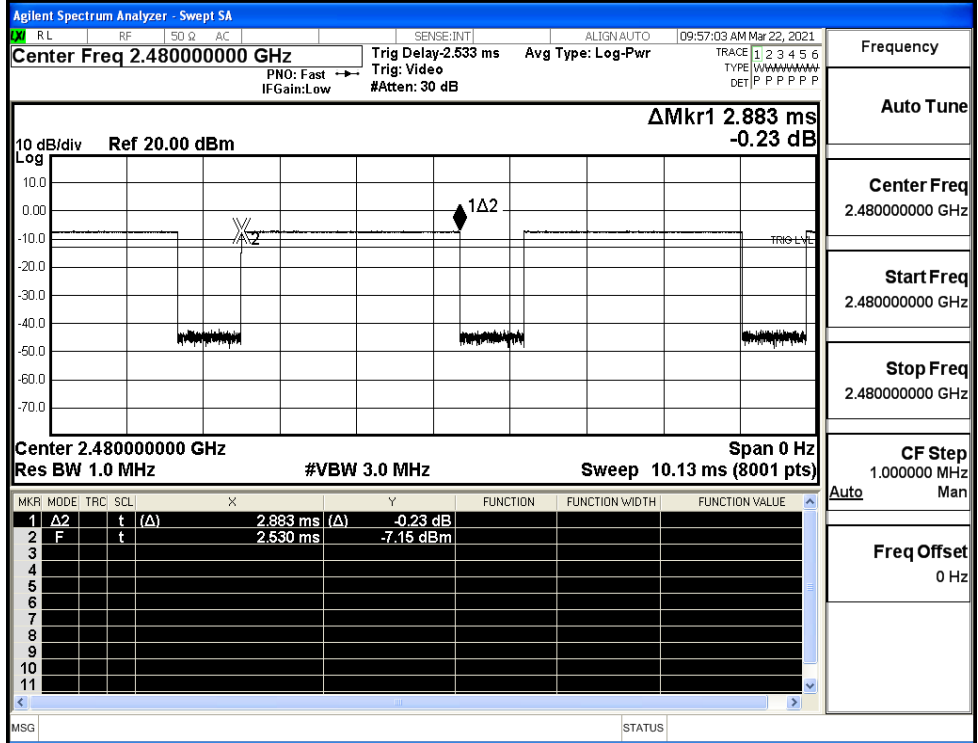


GFSK_DH5/MCH



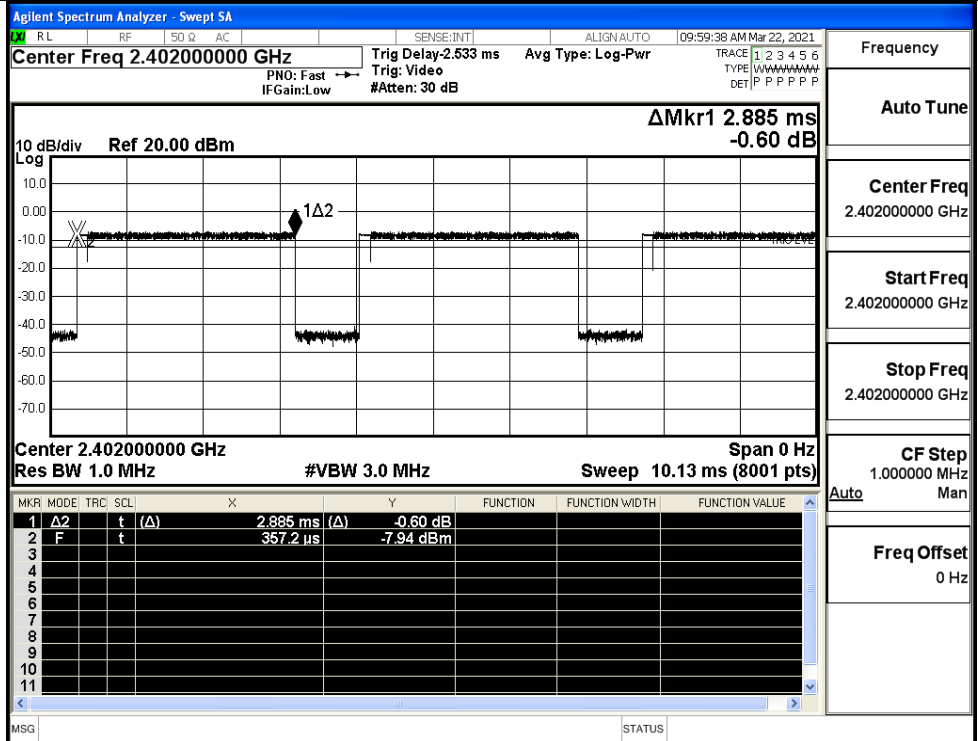
| | |
|-------------|-----------------|
| Frequency | 2.441000000 GHz |
| Auto Tune | |
| Center Freq | 2.441000000 GHz |
| Start Freq | 2.441000000 GHz |
| Stop Freq | 2.441000000 GHz |
| CF Step | 1.000000 MHz |
| Auto | Man |
| Freq Offset | 0 Hz |

GFSK_DH5/HCH

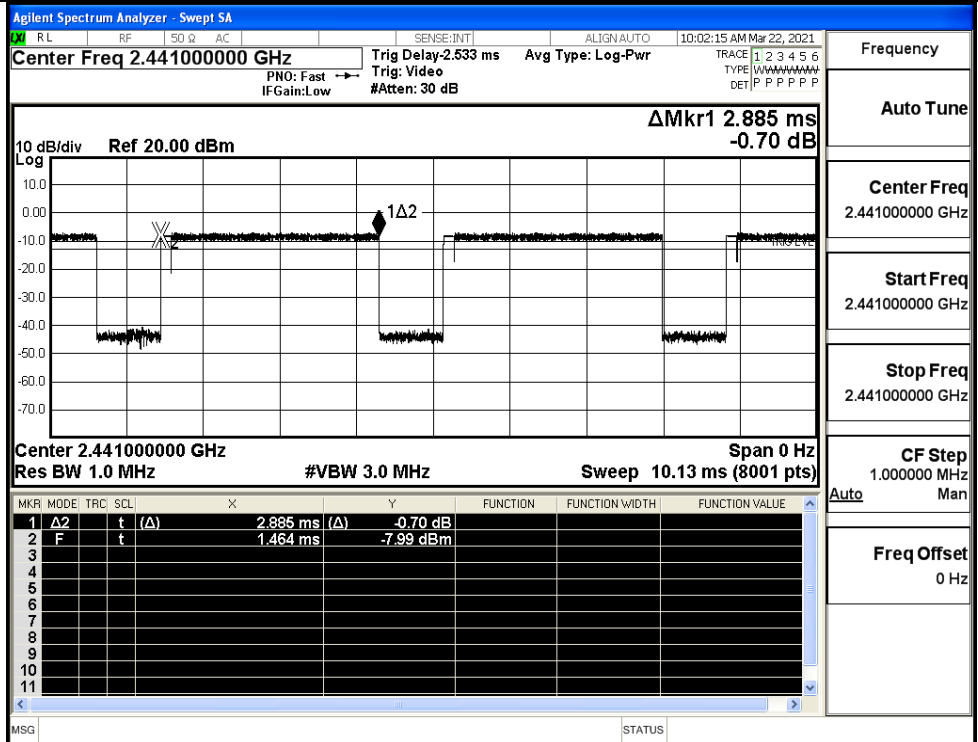


| | |
|-------------|-----------------|
| Frequency | 2.480000000 GHz |
| Auto Tune | |
| Center Freq | 2.480000000 GHz |
| Start Freq | 2.480000000 GHz |
| Stop Freq | 2.480000000 GHz |
| CF Step | 1.000000 MHz |
| Auto | Man |
| Freq Offset | 0 Hz |

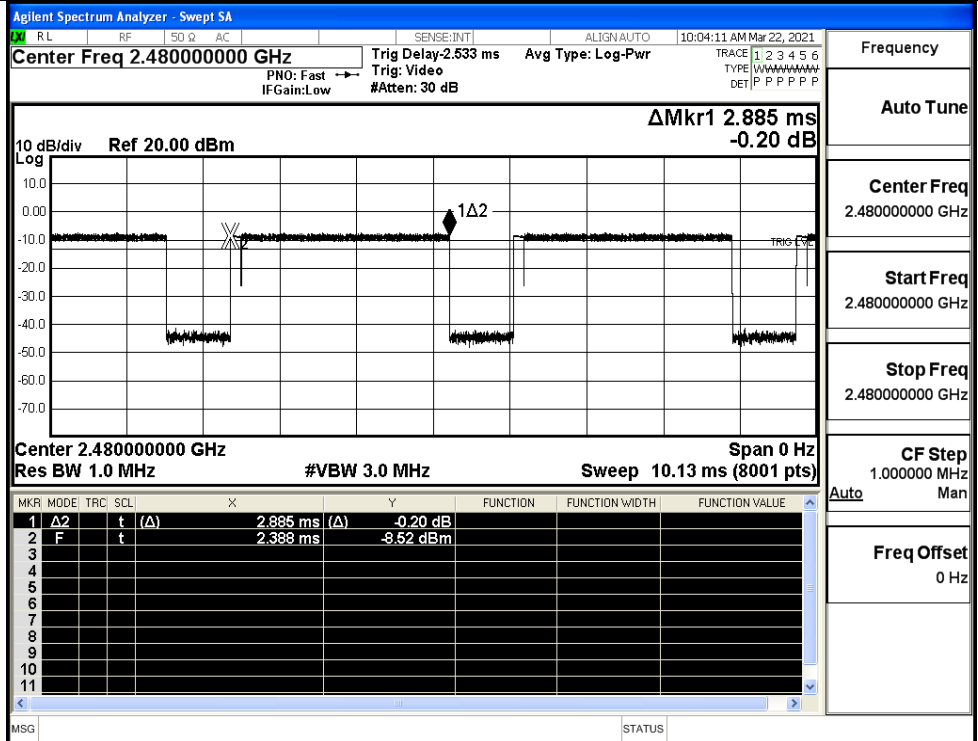
$\pi/4$ DQPSK
_2DH5/LCH



$\pi/4$ DQPSK
_2DH5/MCH

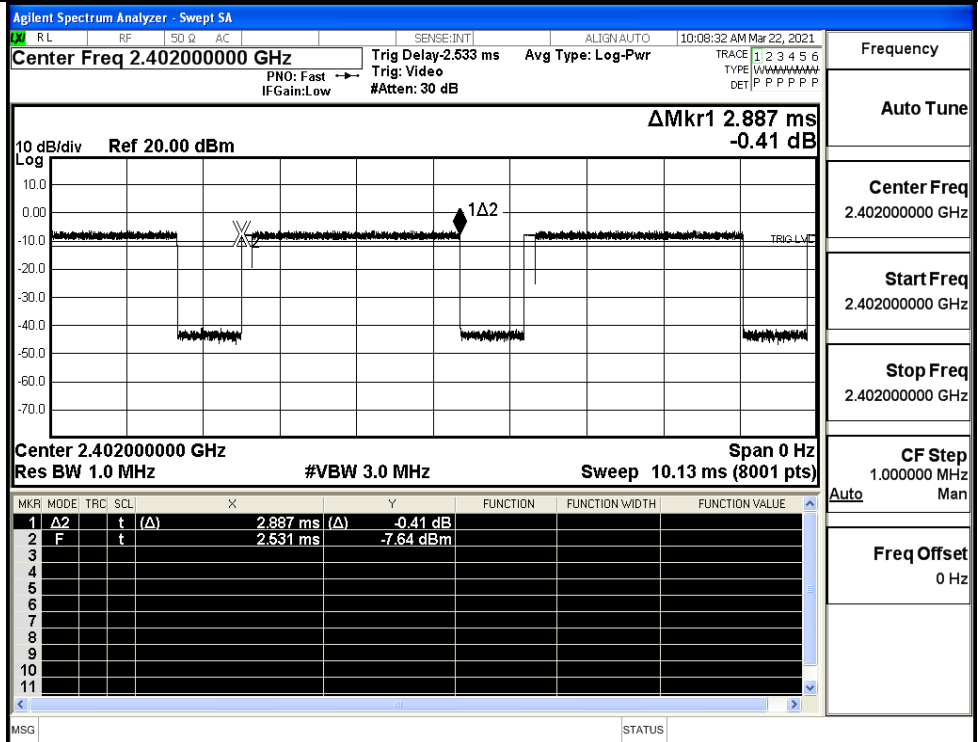


$\pi/4$ DQPSK
_2DH5/HCH



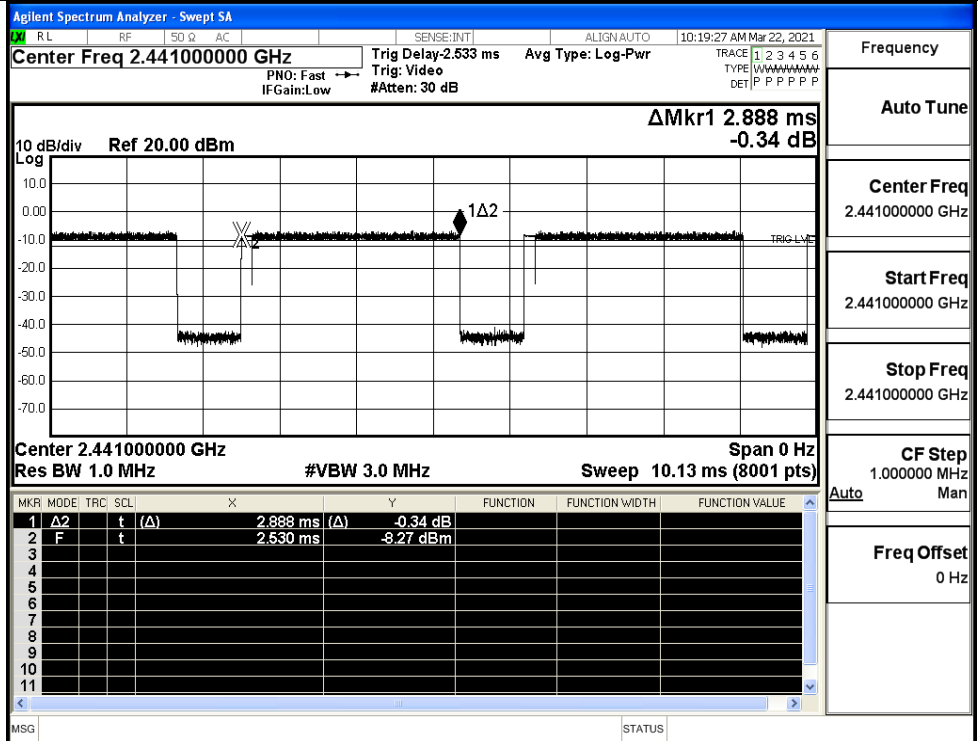
| | |
|-------------|-----------------|
| Frequency | |
| Auto Tune | |
| Center Freq | 2.480000000 GHz |
| Start Freq | 2.480000000 GHz |
| Stop Freq | 2.480000000 GHz |
| CF Step | 1.000000 MHz |
| Auto | Man |
| Freq Offset | 0 Hz |

8DPSK_3DH5/LCH



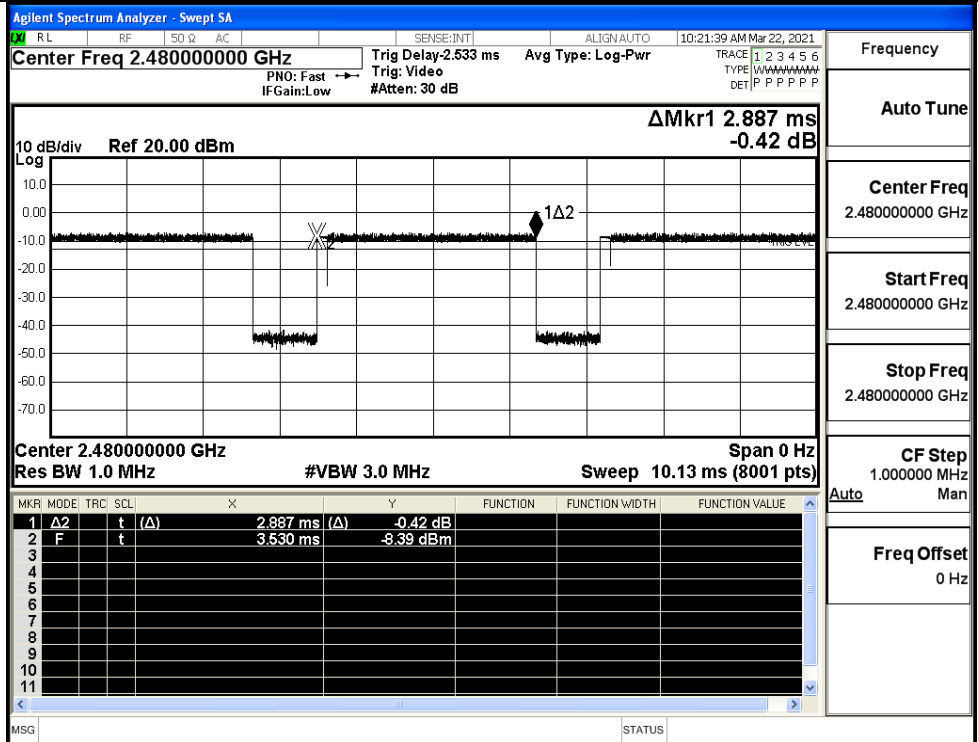
| | |
|-------------|-----------------|
| Frequency | |
| Auto Tune | |
| Center Freq | 2.402000000 GHz |
| Start Freq | 2.402000000 GHz |
| Stop Freq | 2.402000000 GHz |
| CF Step | 1.000000 MHz |
| Auto | Man |
| Freq Offset | 0 Hz |

8DPSK_3DH5/MCH



| | |
|-------------|-----------------|
| Frequency | 2.441000000 GHz |
| 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 |

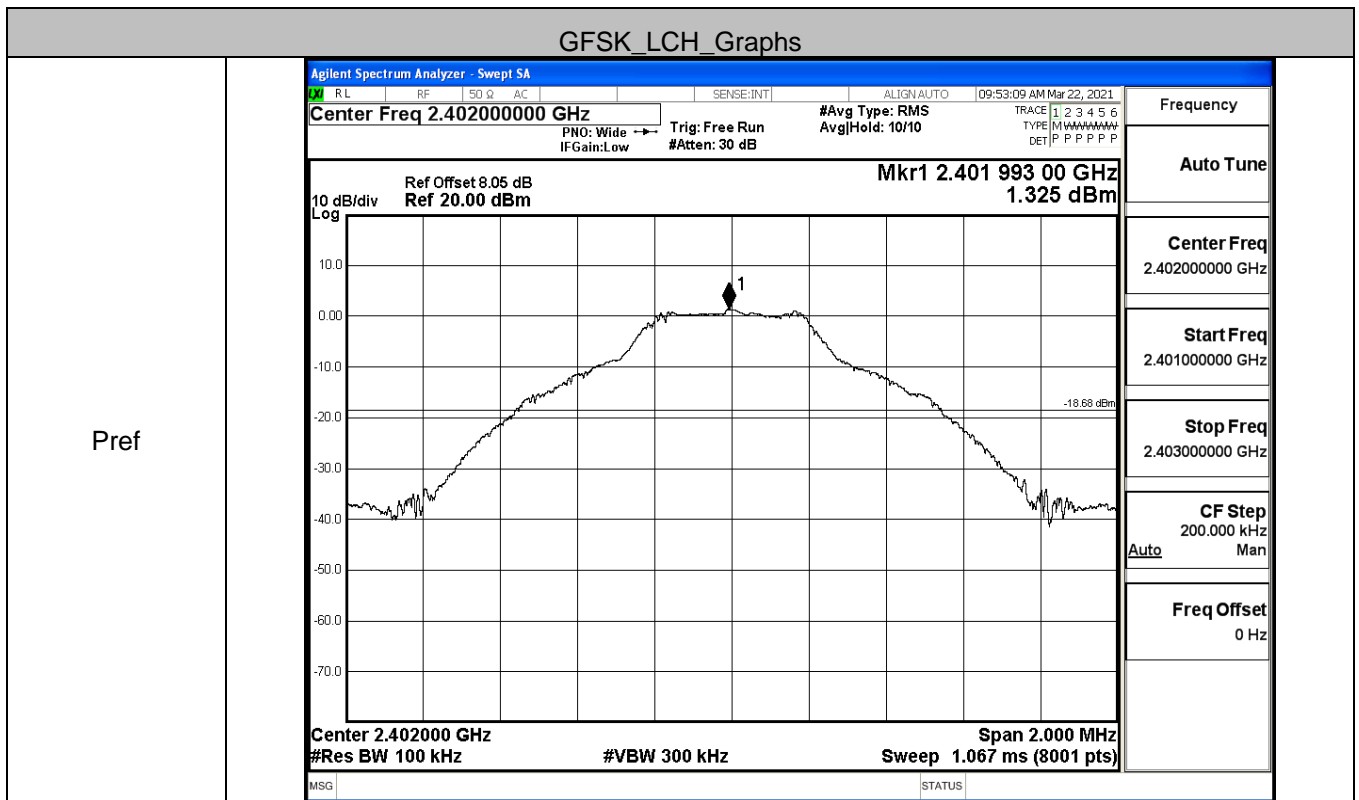
8DPSK_3DH5/HCH

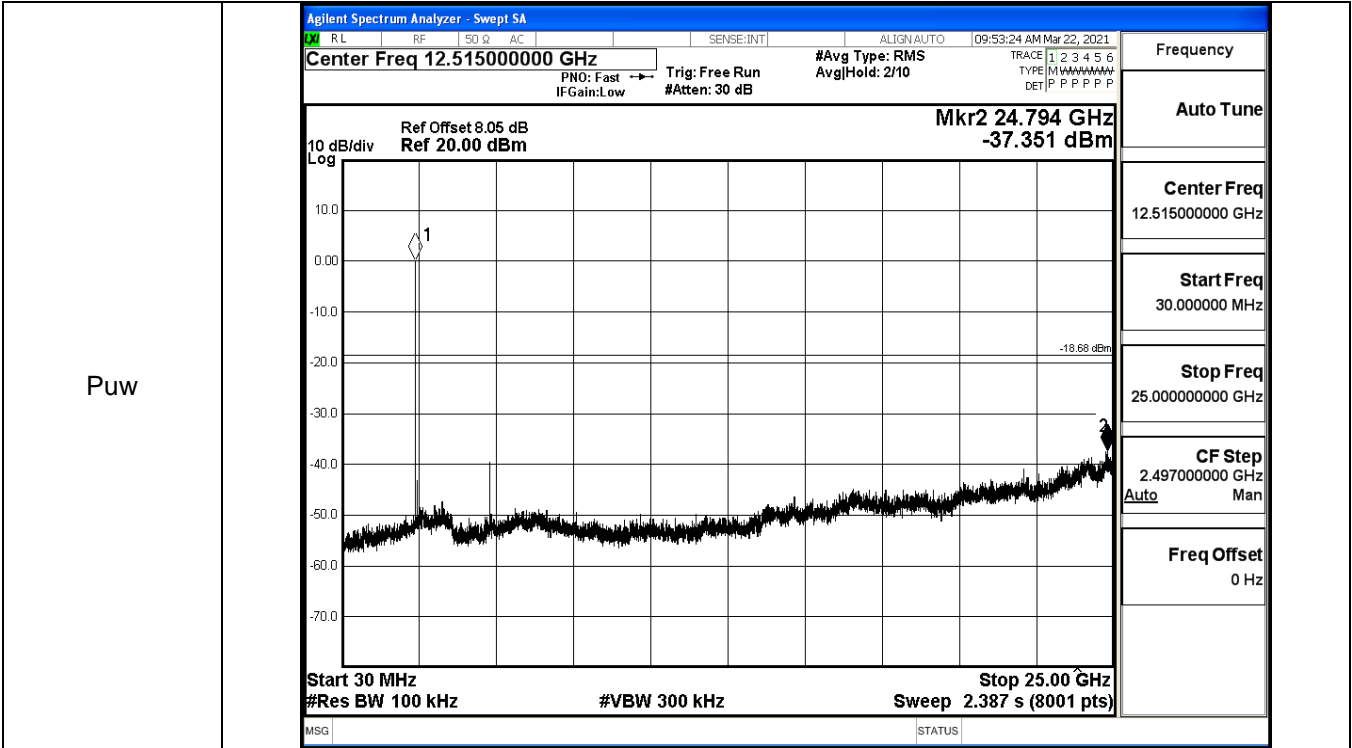


| | |
|-------------|-----------------|
| Frequency | 2.480000000 GHz |
| Auto Tune | |
| Center Freq | 2.480000000 GHz |
| Start Freq | 2.480000000 GHz |
| Stop Freq | 2.480000000 GHz |
| CF Step | 1.000000 MHz |
| Auto | Man |
| Freq Offset | 0 Hz |

A.7 RF Conducted Spurious Emissions

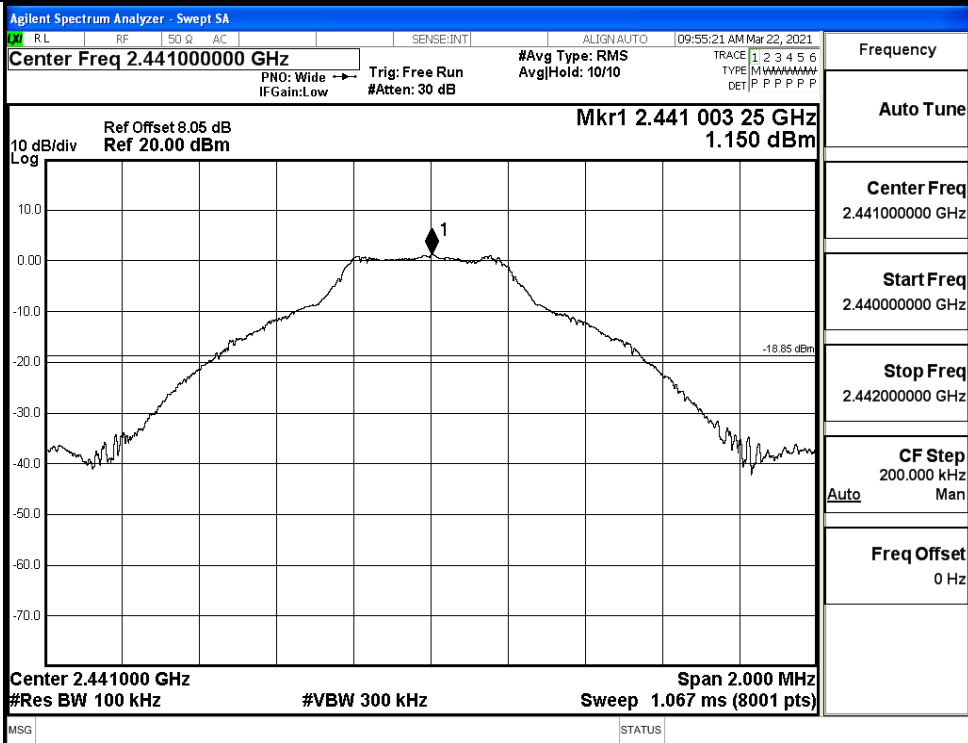
| Mode | Channel | Pref [dBm] | Max. Level [dBm] | Limit [dBm] | Verdict |
|---------------|---------|------------|------------------|-------------|---------|
| GFSK | LCH | 1.325 | -37.351 | -18.675 | PASS |
| | MCH | 1.15 | -37.877 | -18.850 | PASS |
| | HCH | 0.712 | -37.383 | -19.288 | PASS |
| π /4DQPSK | LCH | 0.325 | -38.262 | -19.675 | PASS |
| | MCH | -0.102 | -38.049 | -20.102 | PASS |
| | HCH | -0.597 | -37.233 | -20.597 | PASS |
| 8DPSK | LCH | 0.341 | -37.570 | -19.659 | PASS |
| | MCH | 0.061 | -38.417 | -19.939 | PASS |
| | HCH | -0.48 | -38.290 | -20.480 | PASS |



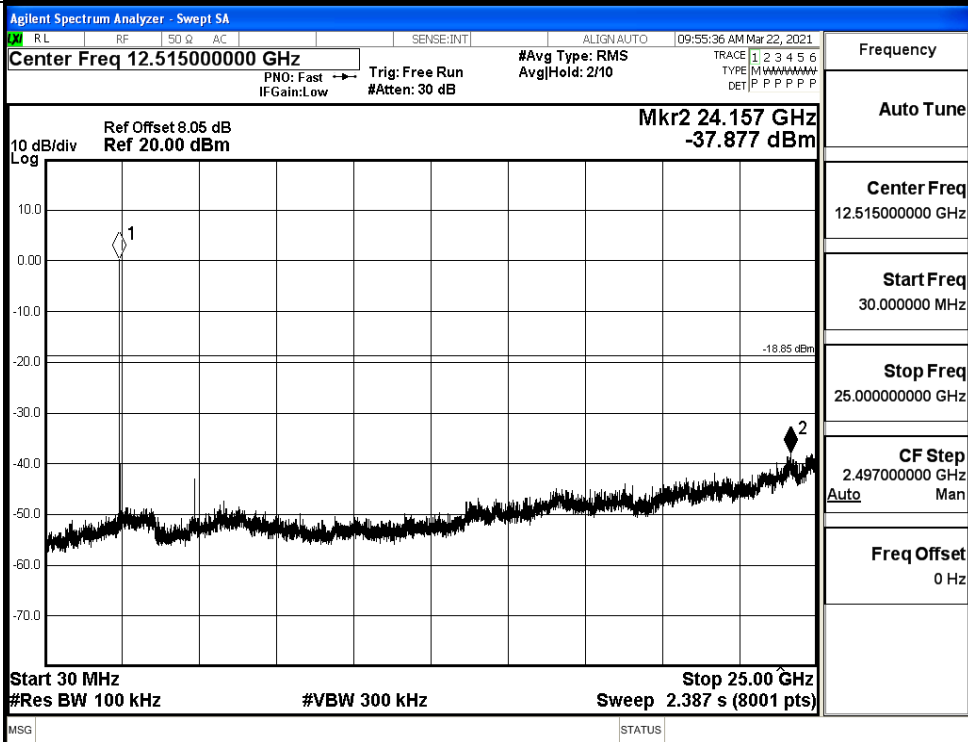


GFSK_MCH_Graphs

Pref

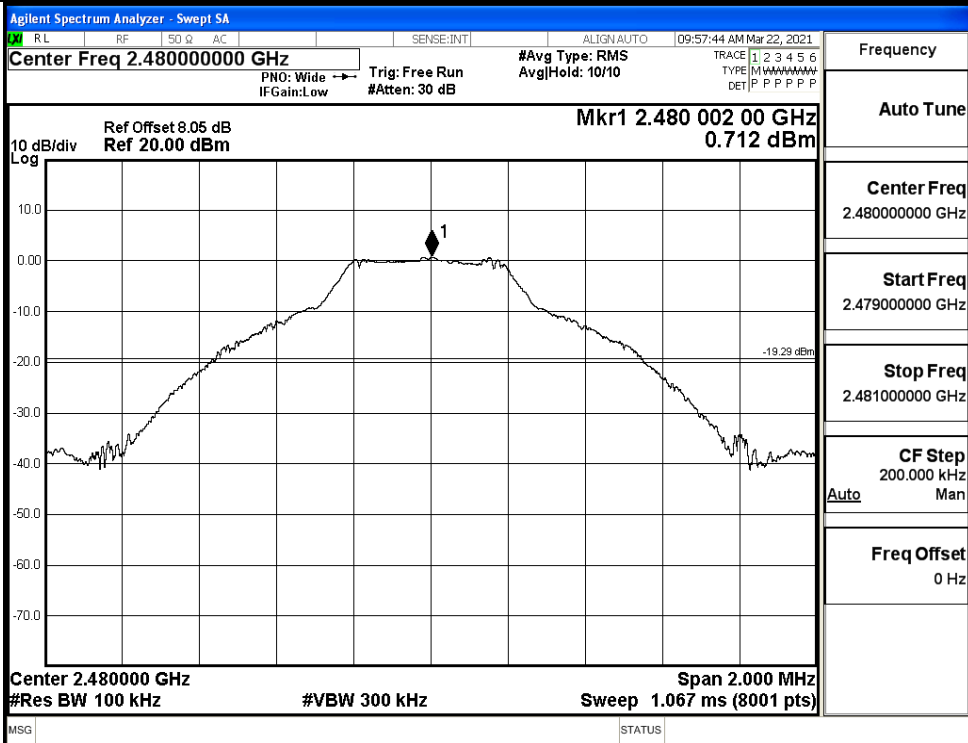


Puw

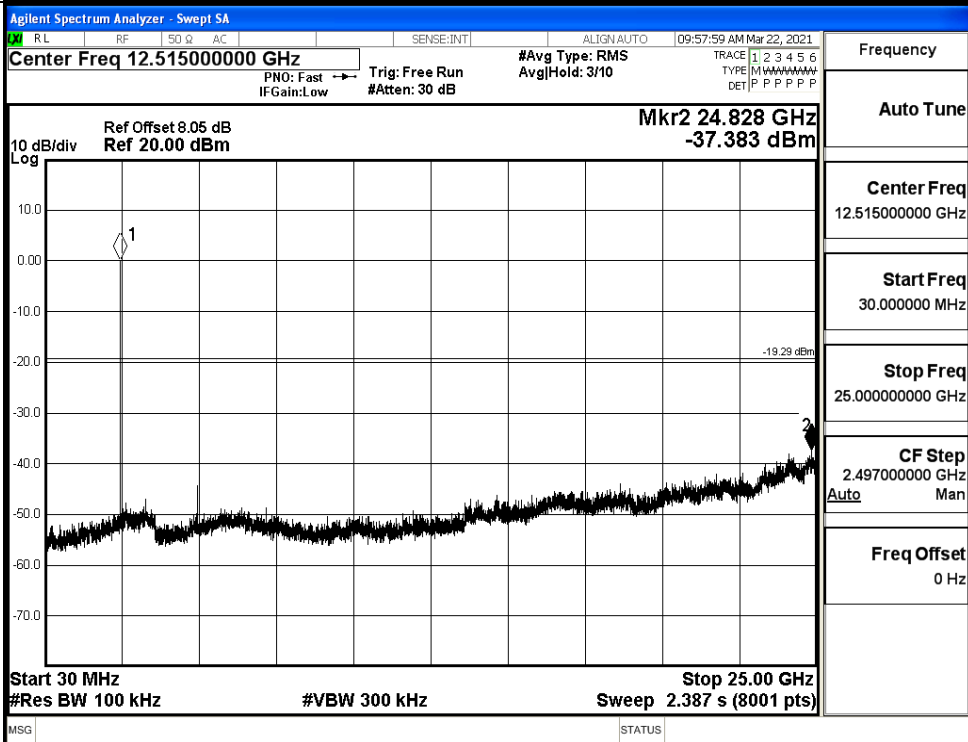


GFSK_HCH_Graphs

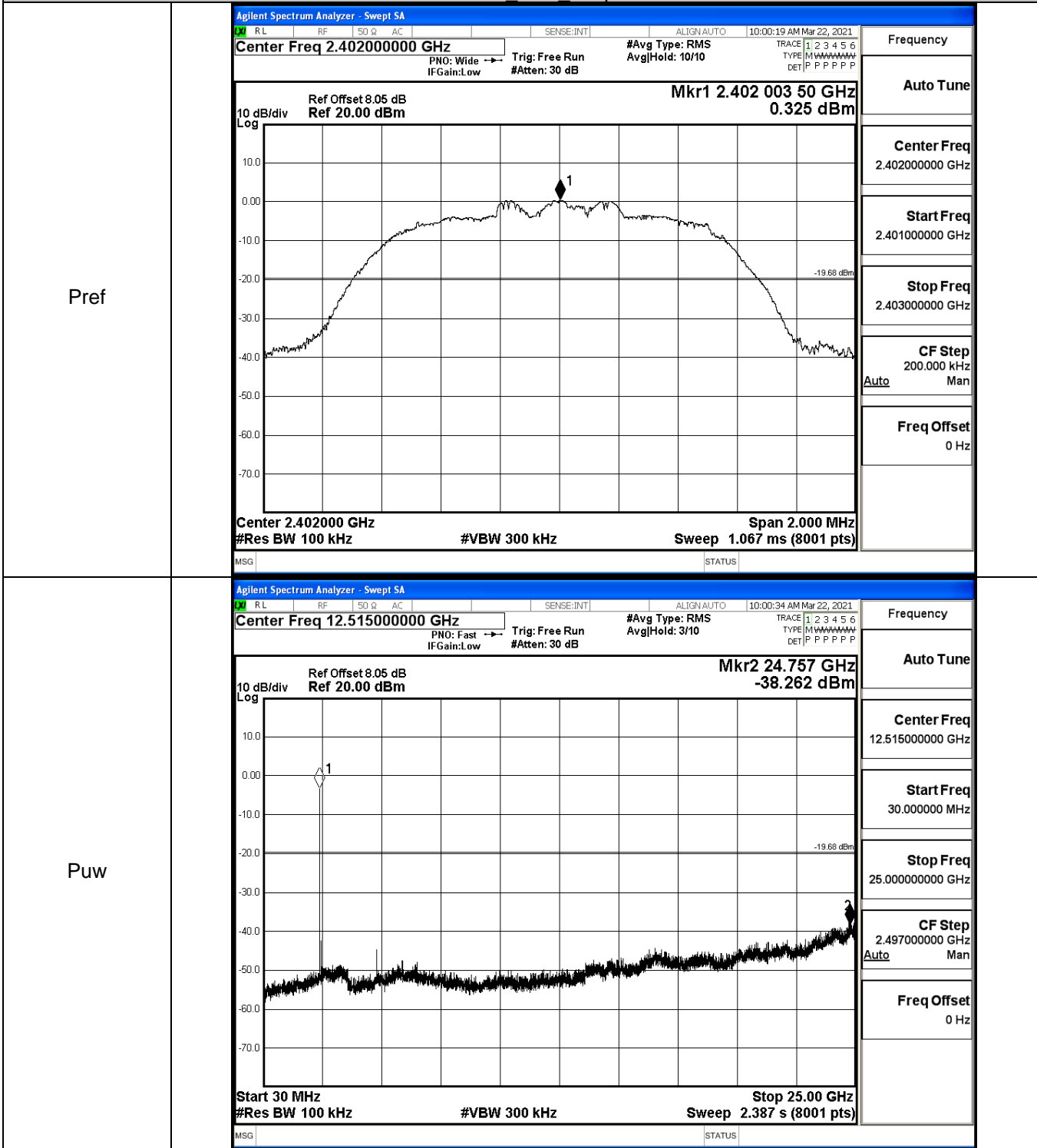
Pref



Puw

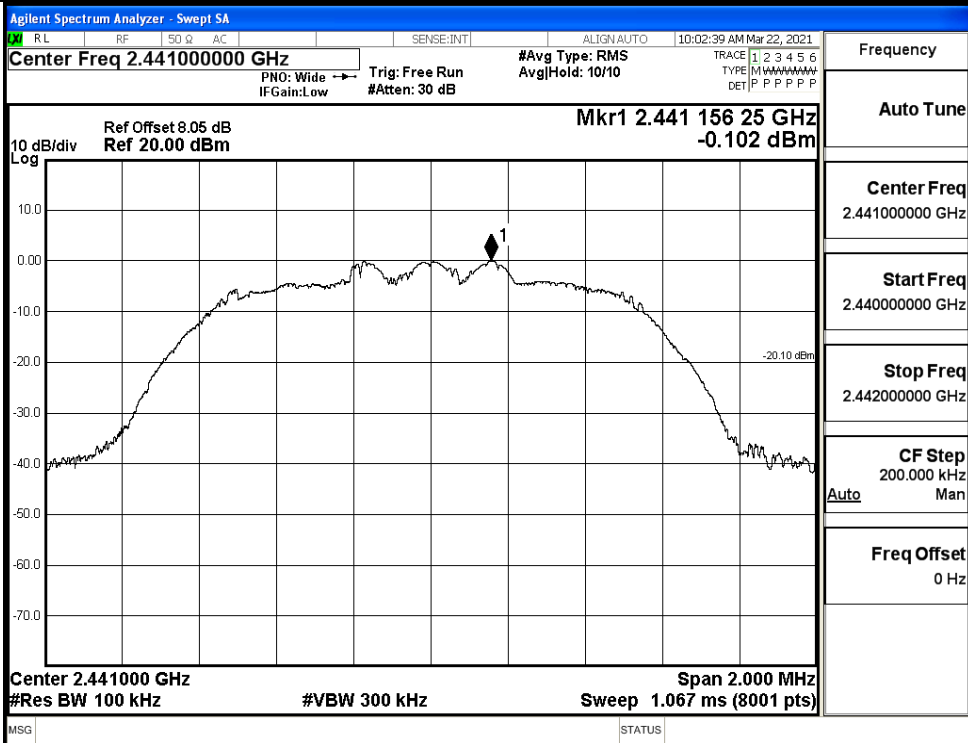


$\pi/4$ DQPSK LCH Graphs

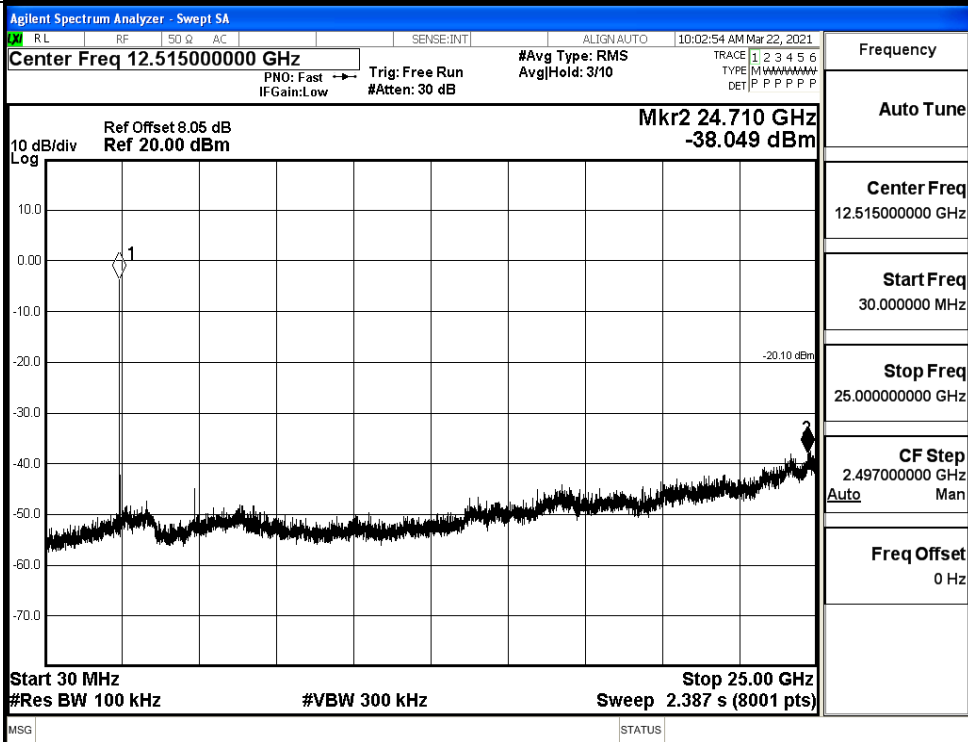


$\pi/4$ DQPSK MCH Graphs

Pref

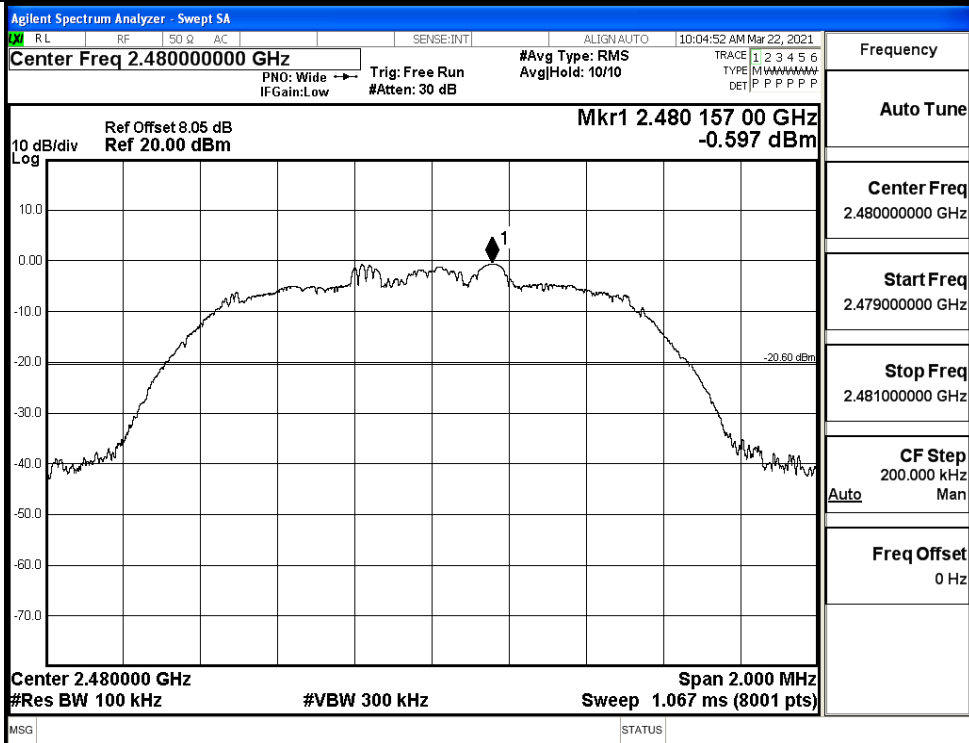


Puw

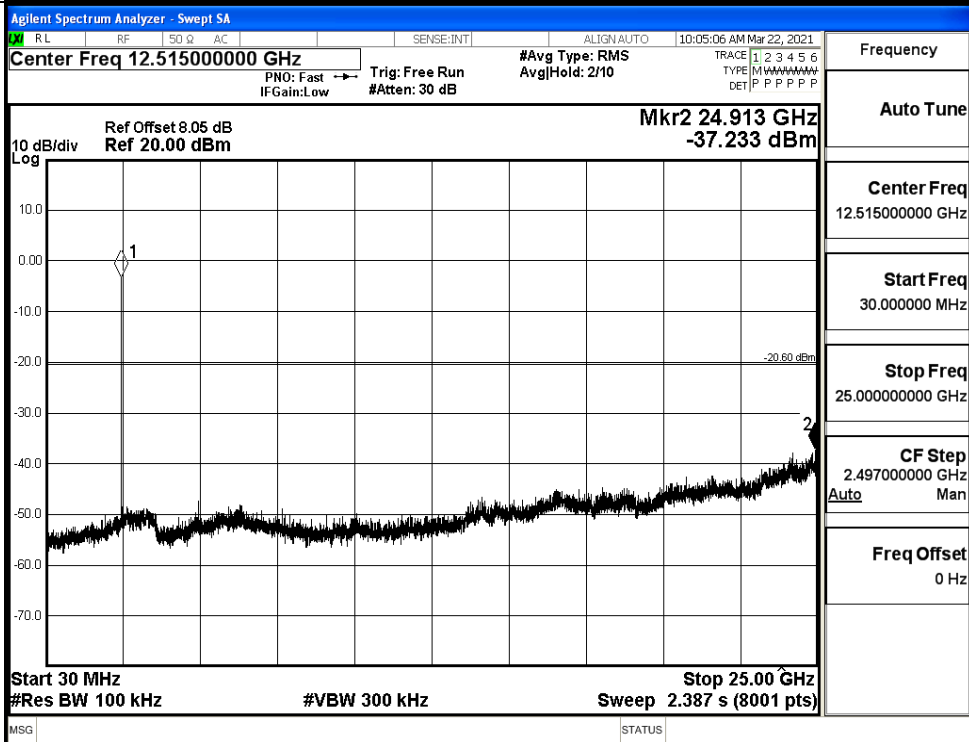


$\pi/4$ DQPSK HCH Graphs

Pref

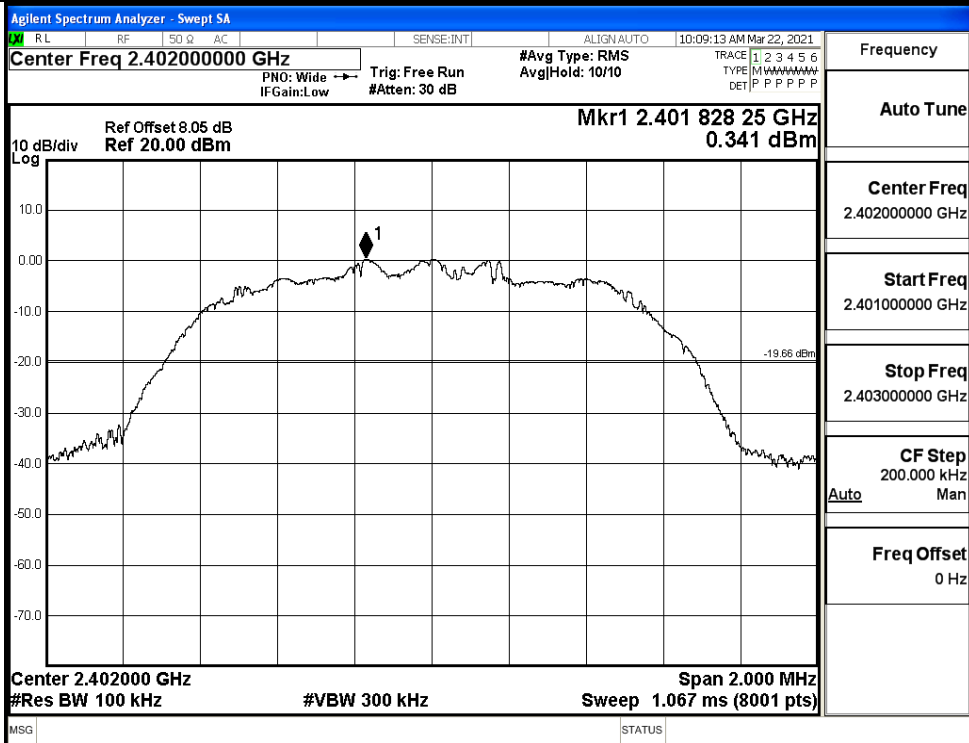


Puw

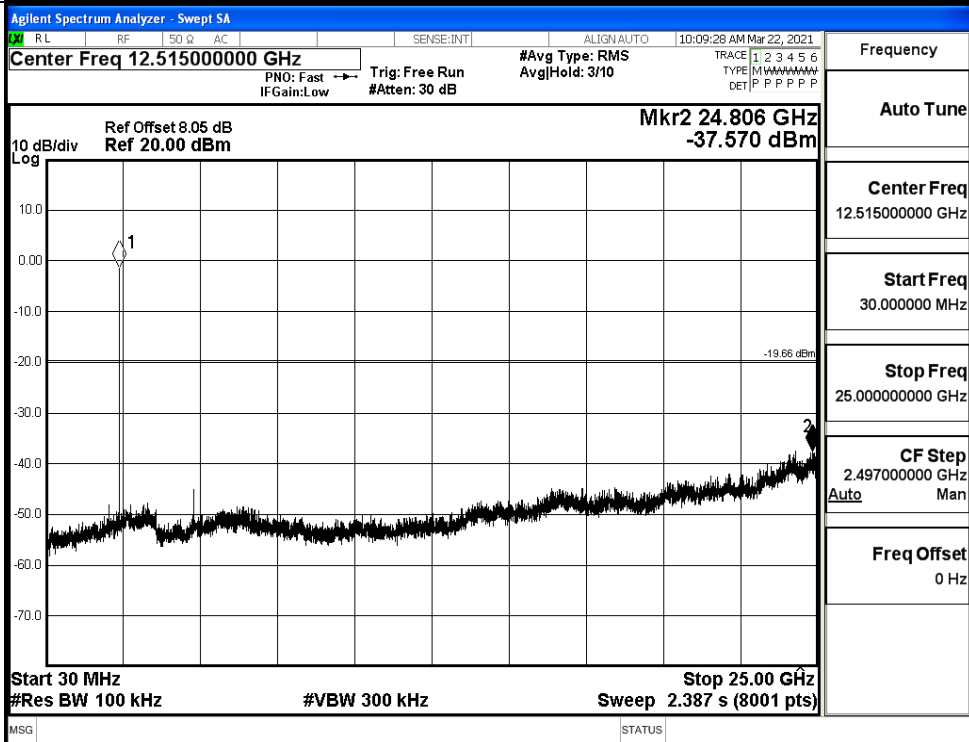


8DPSK_LCH_Graphs

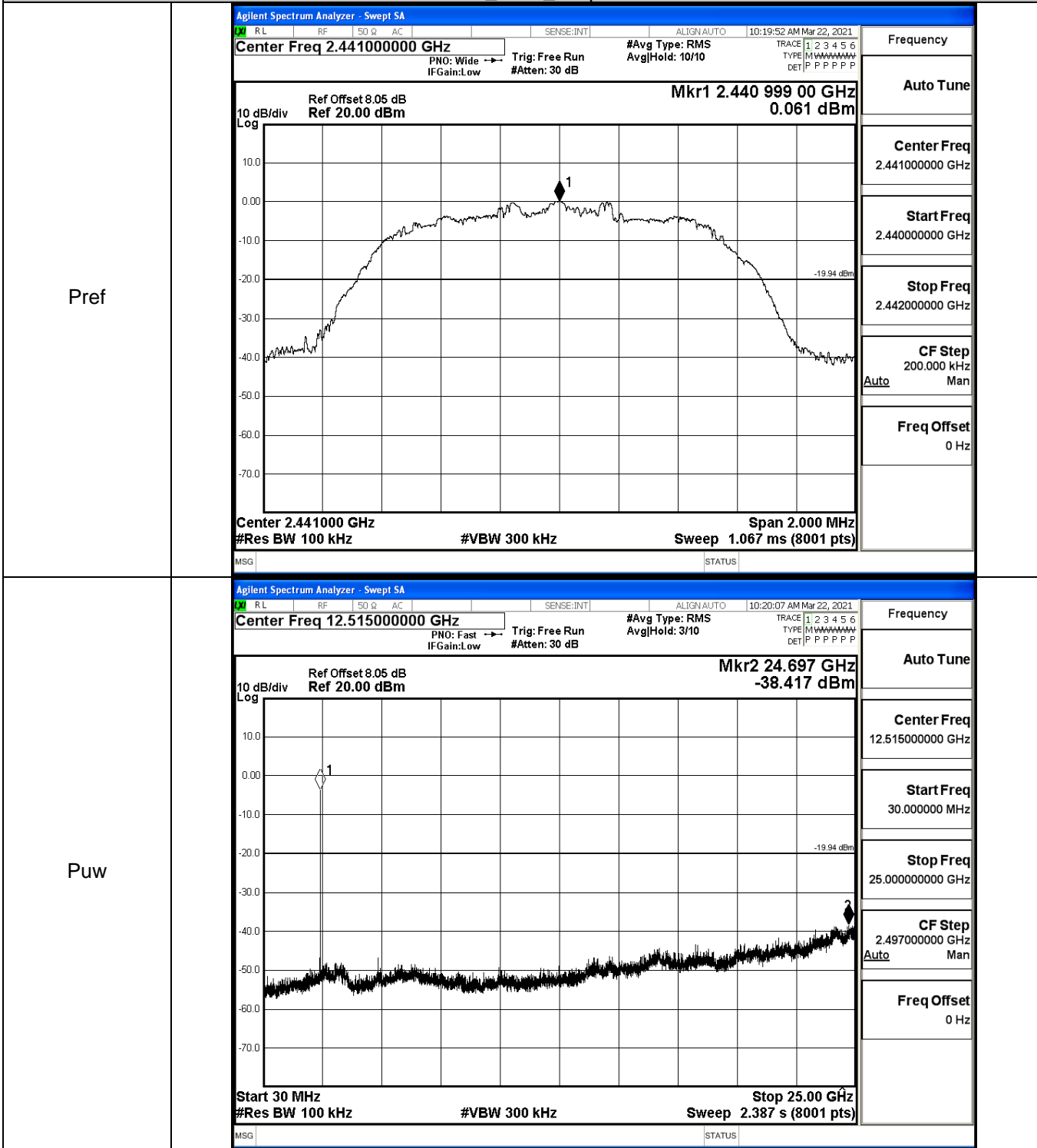
Pref



Puw

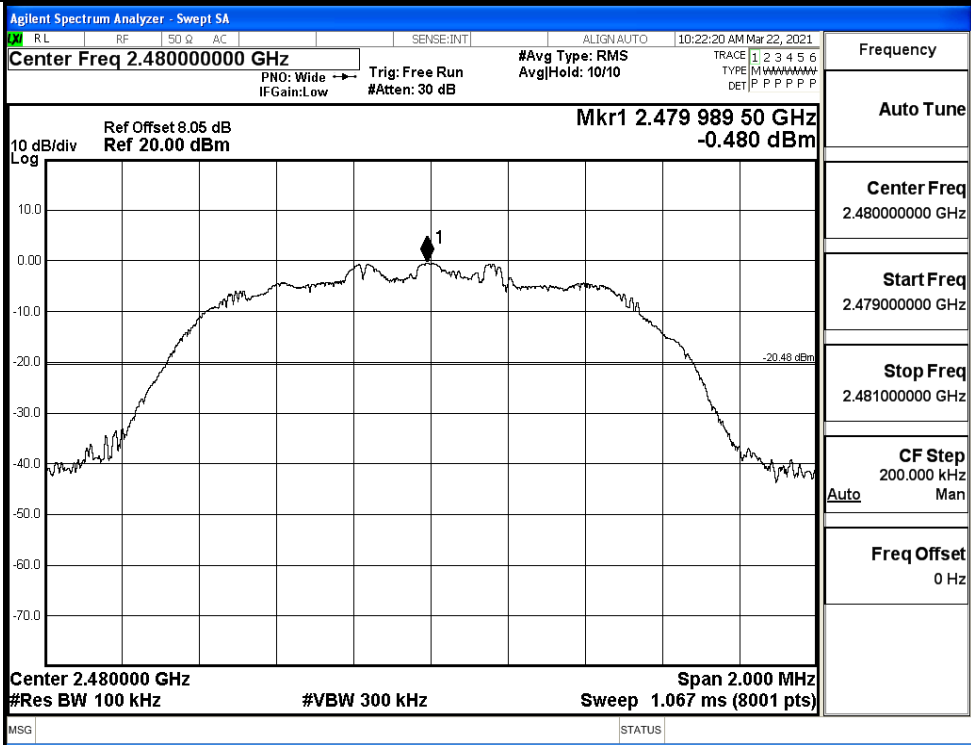


8DPSK_MCH_Graphs

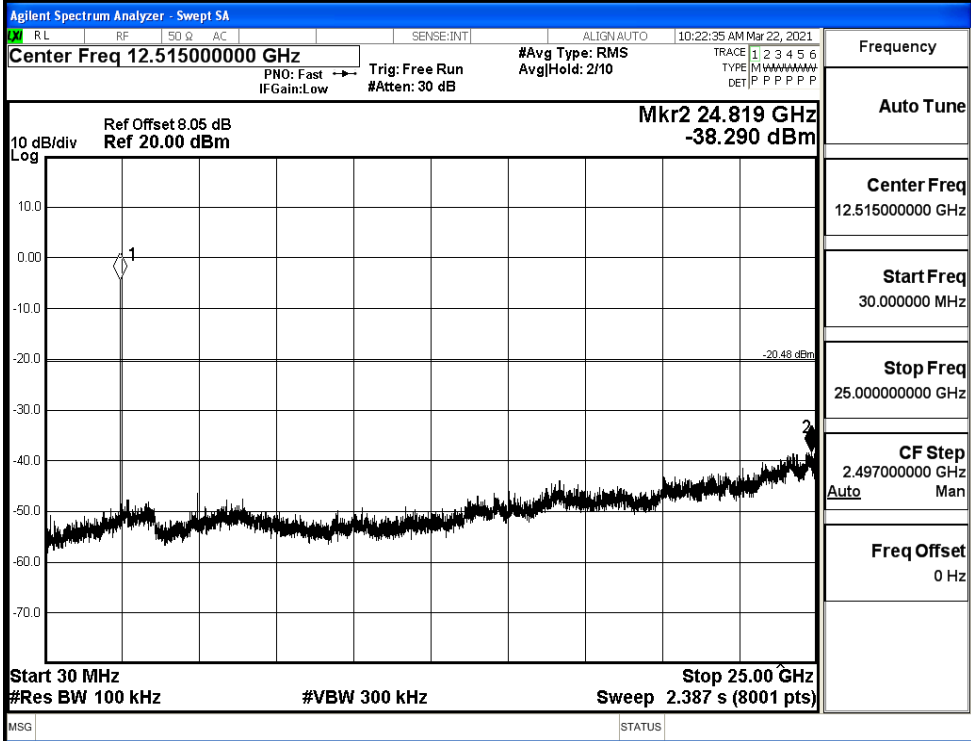


8DPSK_HCH_Graphs

Pref



Puw

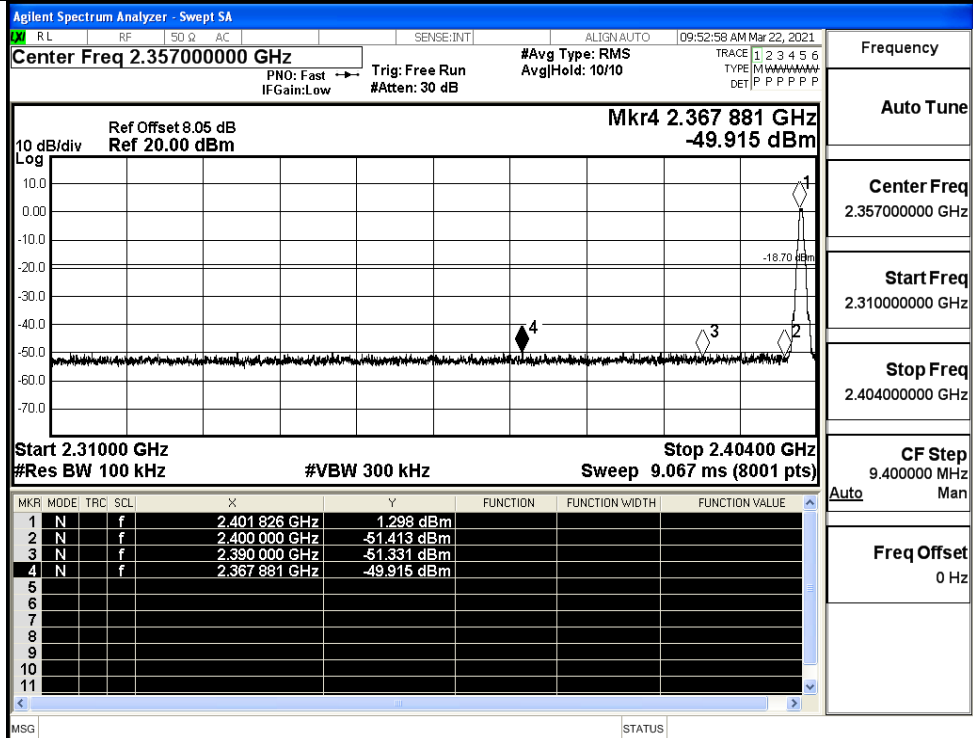


A.8 Band-edge for RF Conducted Emissions

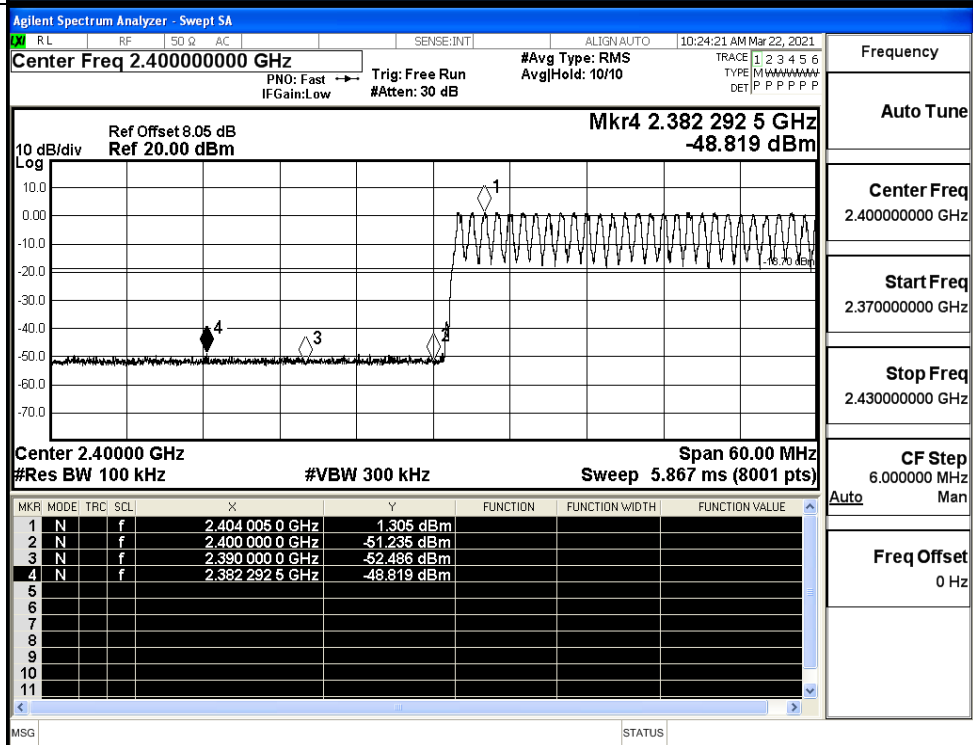
| Mode | Channel | Carrier Frequency [MHz] | Carrier Power [dBm] | Frequency Hopping | Max Spurious Level [dBm] | Limit [dBm] | Verdict |
|---------------|---------|-------------------------|---------------------|-------------------|--------------------------|-------------|---------|
| GFSK | LCH | 2402 | 1.298 | Off | -49.915 | -18.7 | PASS |
| | | | 1.305 | On | -48.819 | -18.7 | PASS |
| | HCH | 2480 | 0.672 | Off | -48.900 | -19.33 | PASS |
| | | | 0.899 | On | -48.850 | -19.1 | PASS |
| $\pi/4$ DQPSK | LCH | 2402 | 0.538 | Off | -49.521 | -19.46 | PASS |
| | | | 0.296 | On | -48.424 | -19.7 | PASS |
| | HCH | 2480 | -0.403 | Off | -48.991 | -20.4 | PASS |
| | | | -0.449 | On | -48.151 | -20.45 | PASS |
| 8DPSK | LCH | 2402 | 0.319 | Off | -49.469 | -19.68 | PASS |
| | | | 0.317 | On | -48.739 | -19.68 | PASS |
| | HCH | 2480 | -0.299 | Off | -48.833 | -20.3 | PASS |
| | | | -0.388 | On | -48.560 | -20.39 | PASS |

Test Graphs

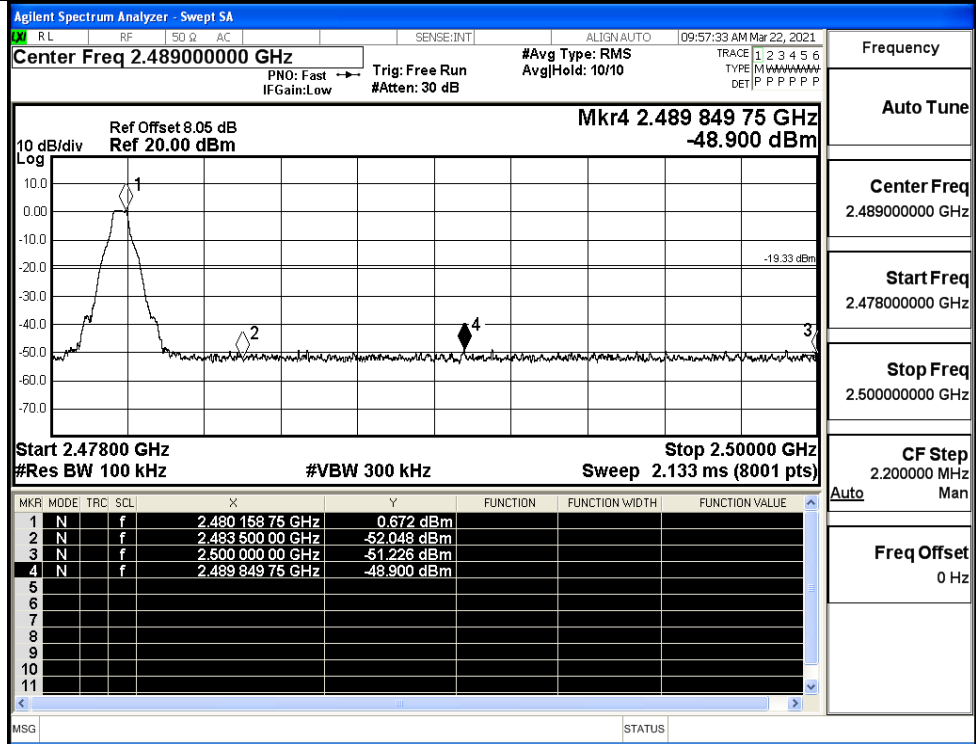
GFSK/LCH/No Hop



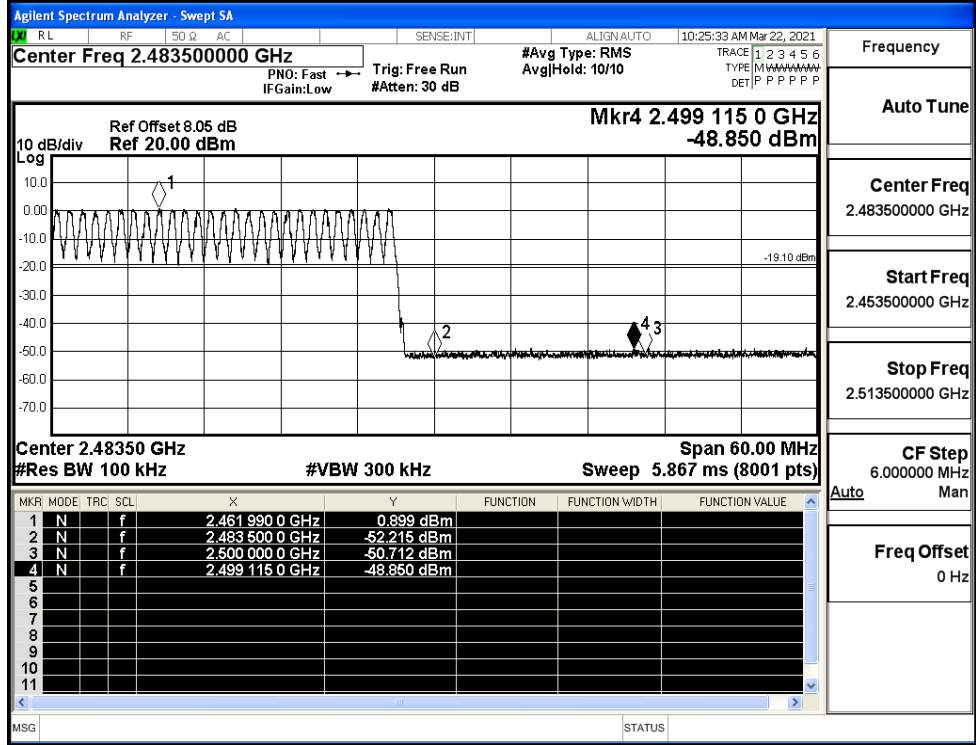
GFSK/LCH/Hop



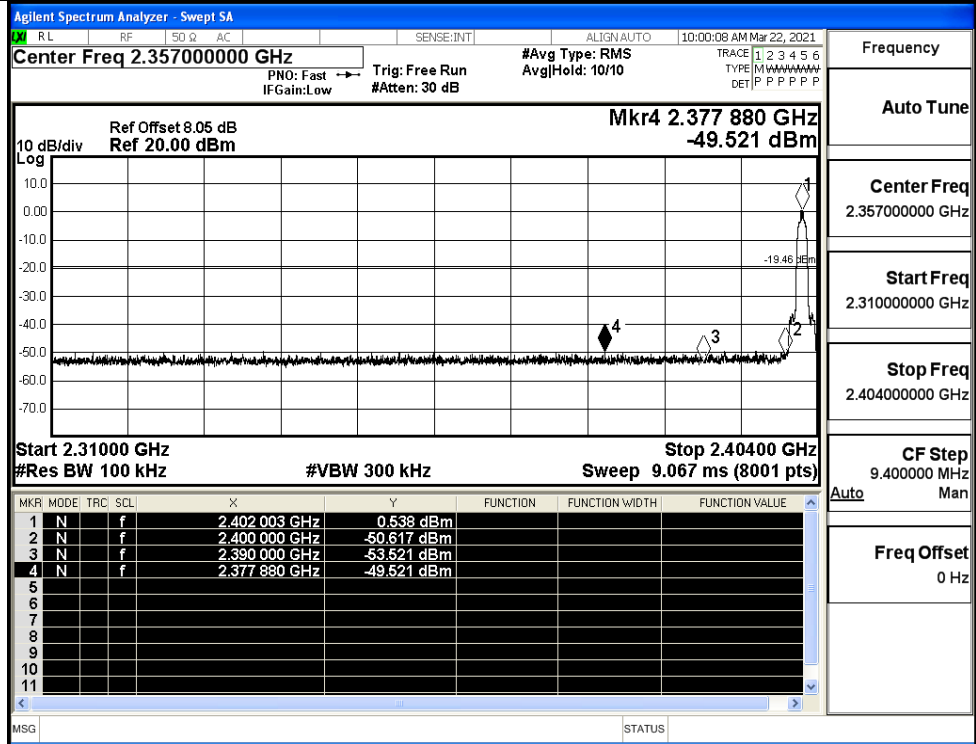
GFSK/HCH/No Hop



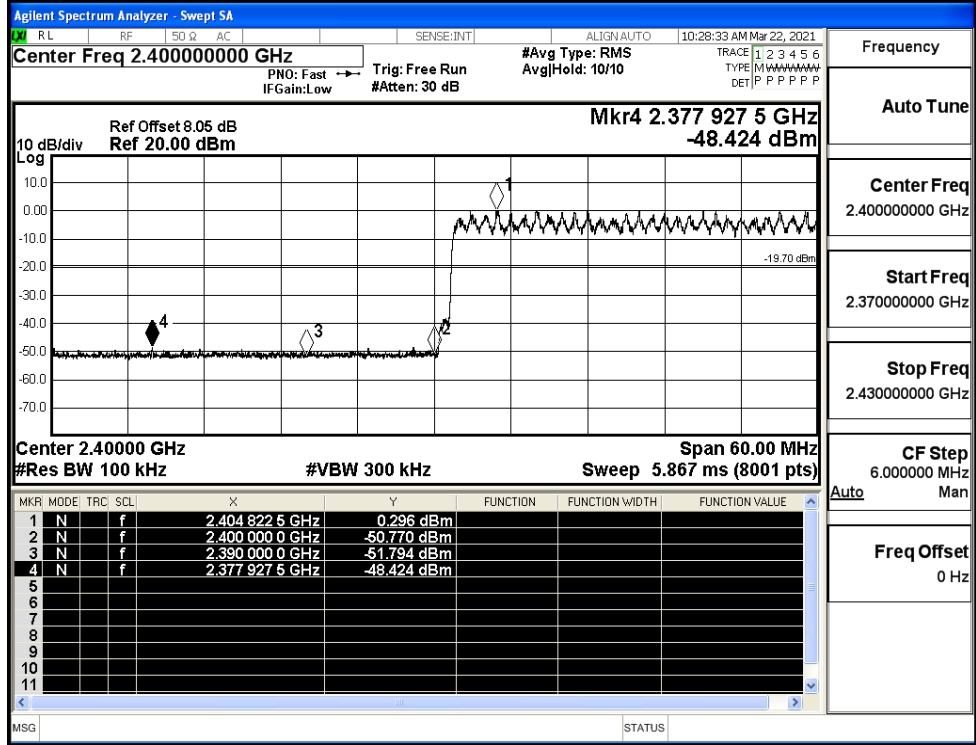
GFSK/HCH/Hop



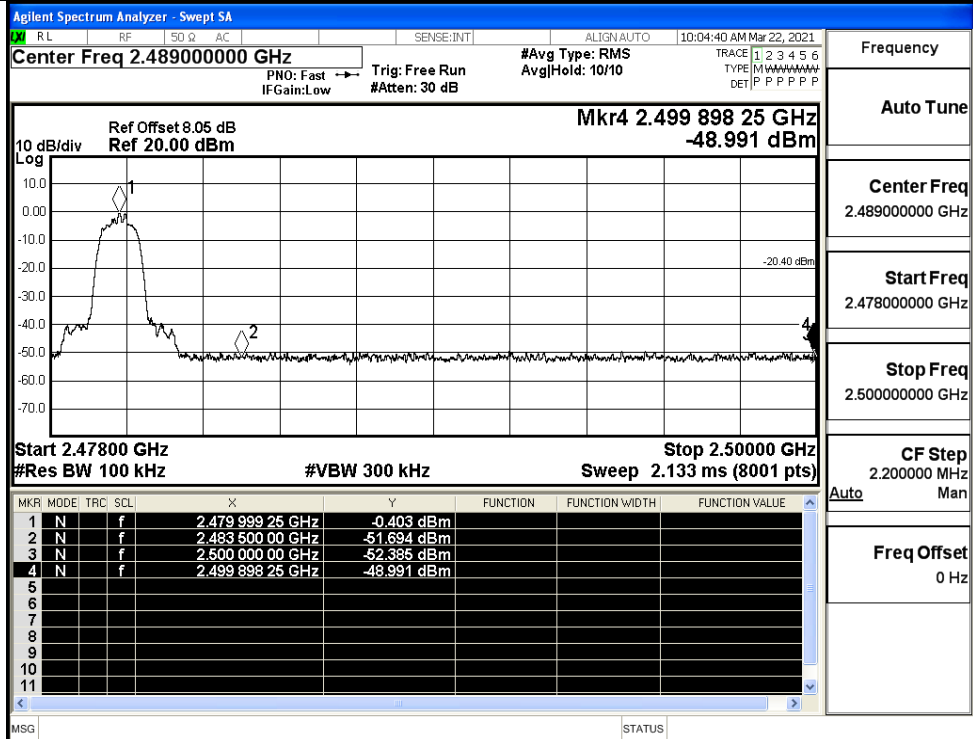
$\pi/4$ DQPSK/LCH/No
Hop



$\pi/4$ DQPSK/LCH/Hop



π /4DQPSK/HCH/No
Hop



Frequency

Auto Tune

Center Freq
2.489000000 GHz

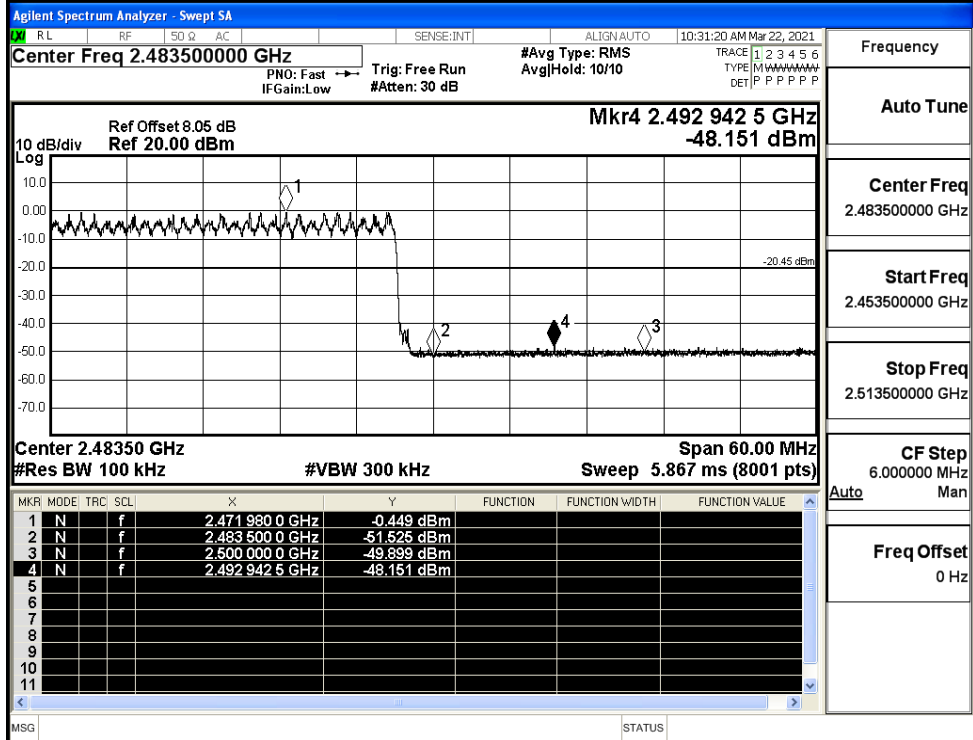
Start Freq
2.478000000 GHz

Stop Freq
2.500000000 GHz

CF Step
2.200000 MHz

Freq Offset
0 Hz

π /4DQPSK/HCH/Hop



Frequency

Auto Tune

Center Freq
2.483500000 GHz

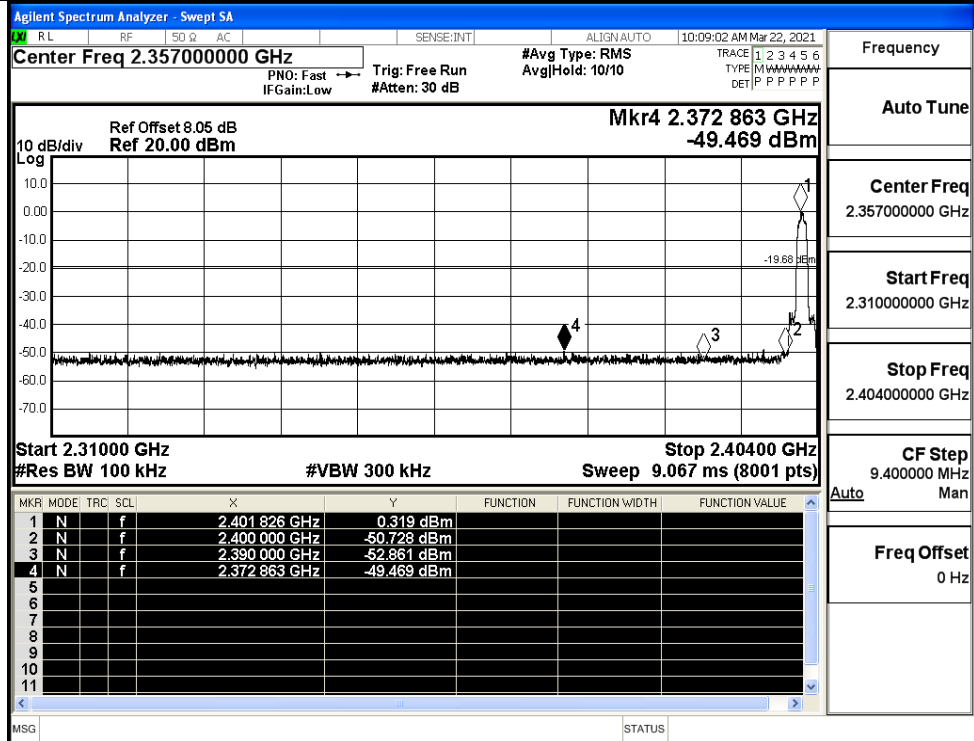
Start Freq
2.453500000 GHz

Stop Freq
2.513500000 GHz

CF Step
6.000000 MHz

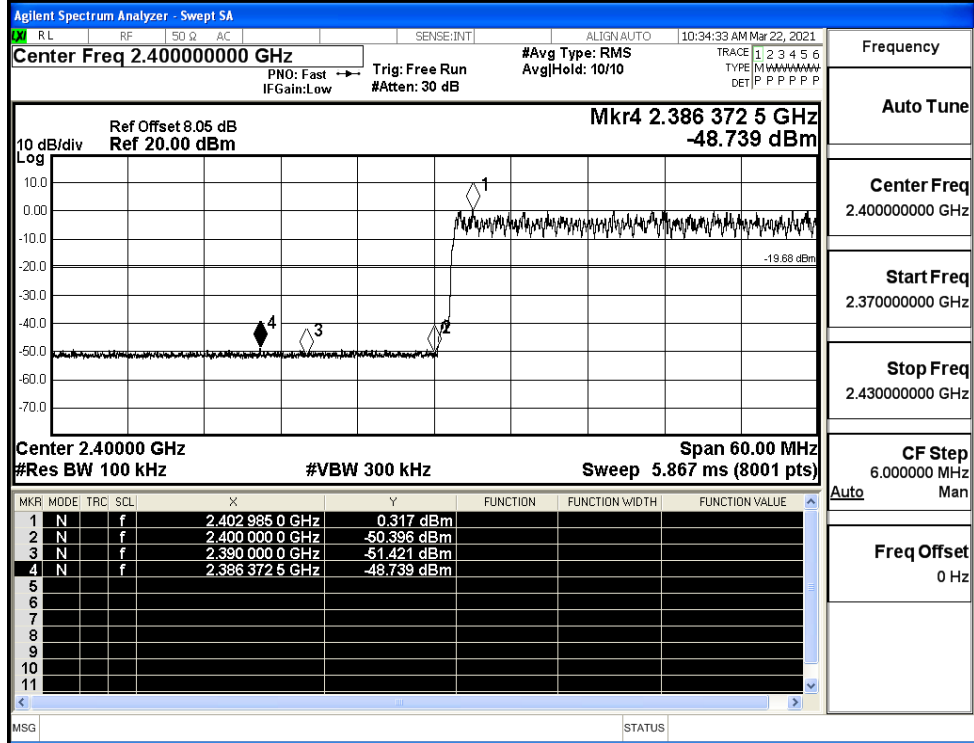
Freq Offset
0 Hz

8DPSK/LCH/No Hop



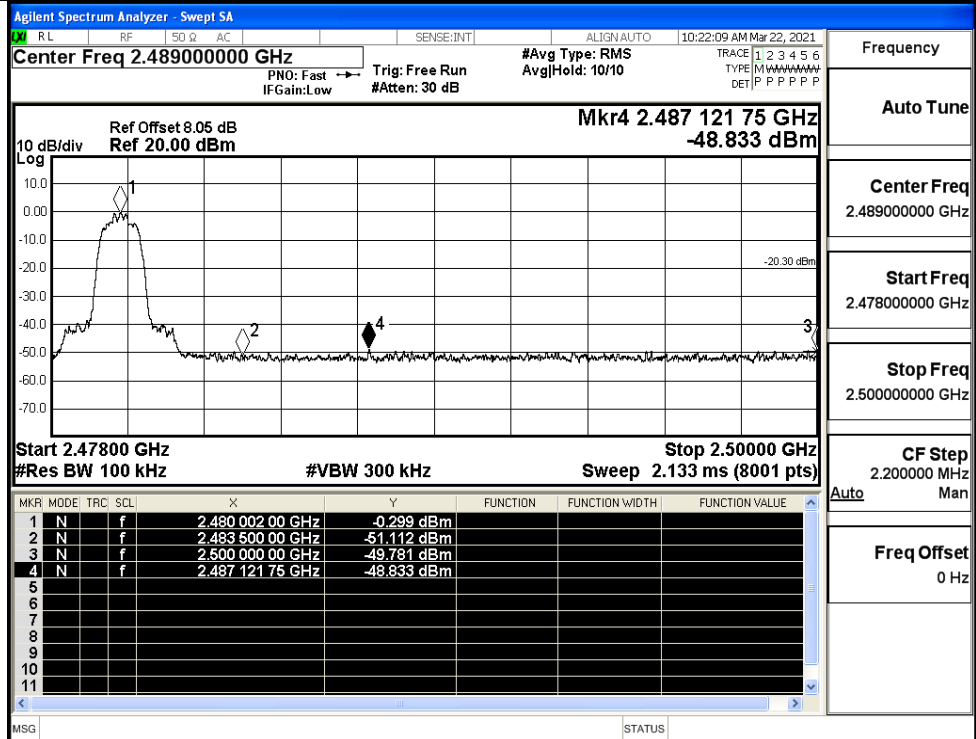
| | |
|-------------|-----------------|
| Frequency | |
| Auto Tune | |
| Center Freq | 2.357000000 GHz |
| Start Freq | 2.310000000 GHz |
| Stop Freq | 2.404000000 GHz |
| CF Step | 9.400000 MHz |
| Auto | Man |
| Freq Offset | 0 Hz |

8DPSK/LCH/Hop



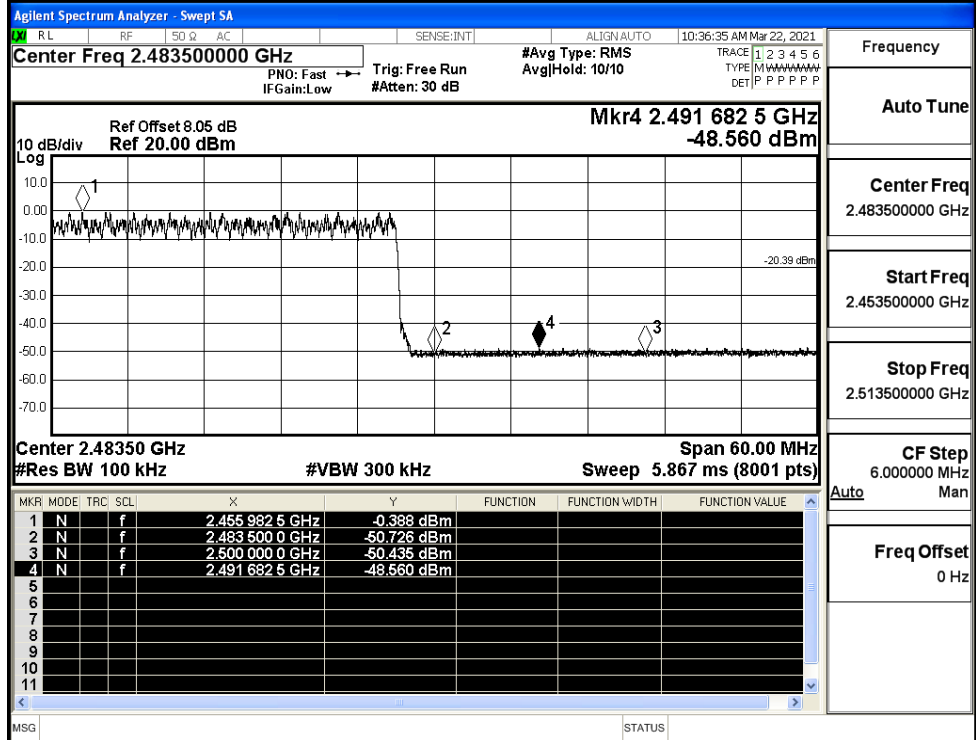
| | |
|-------------|-----------------|
| Frequency | |
| Auto Tune | |
| Center Freq | 2.400000000 GHz |
| Start Freq | 2.370000000 GHz |
| Stop Freq | 2.430000000 GHz |
| CF Step | 6.000000 MHz |
| Auto | Man |
| Freq Offset | 0 Hz |

8DPSK/HCH/No Hop



Frequency
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

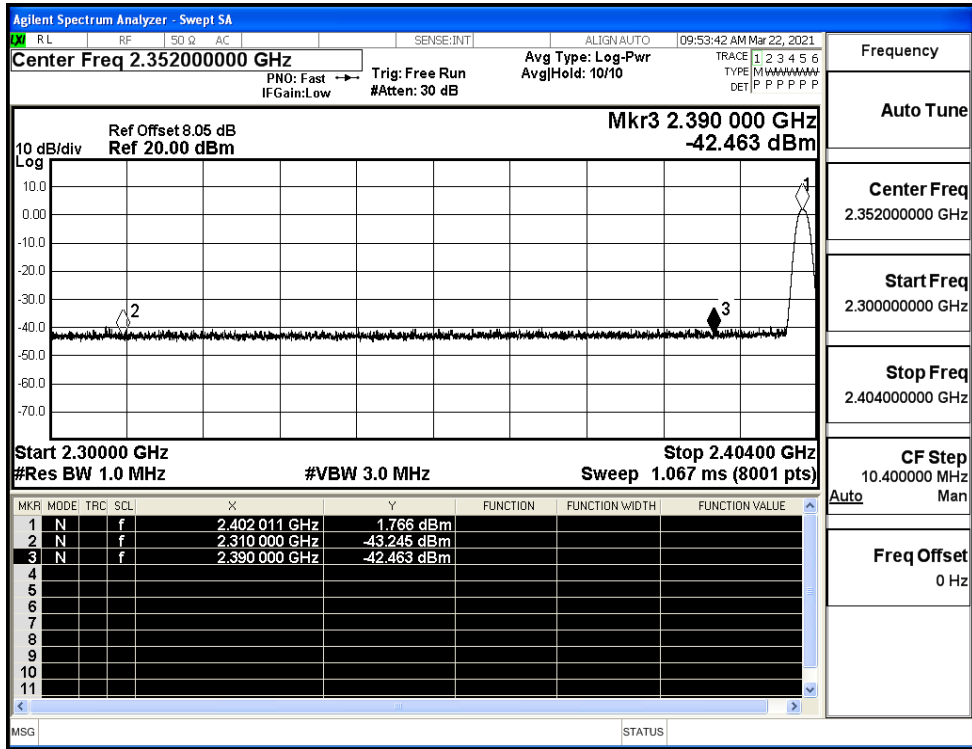


Frequency
Auto Tune
Center Freq
2.483500000 GHz
Start Freq
2.453500000 GHz
Stop Freq
2.513500000 GHz
CF Step
6.000000 MHz
Auto Man
Freq Offset
0 Hz

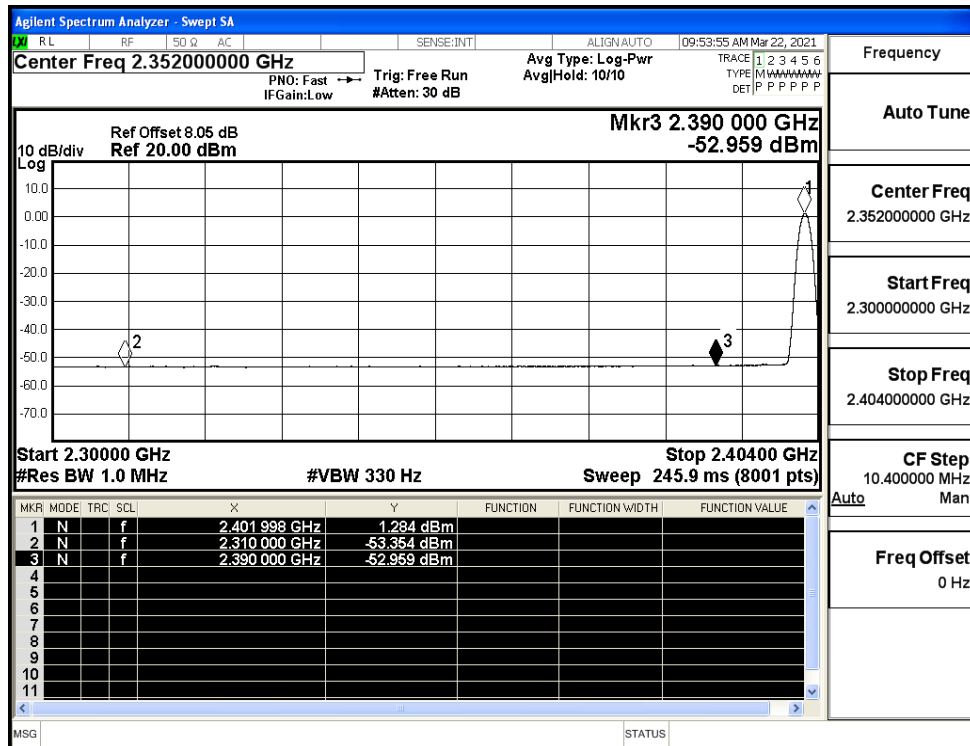
A.9 Restrict-band band-edge measurements

| Test Mode | Hopping | Freq. | Power [dBm] | Gain | Ground Factor | E [dBuV/m] | Detector | Limit [dBuV/m] | Verdict |
|---------------|---------|--------|-------------|------|---------------|------------|----------|----------------|---------|
| GFSK | Off | 2310.0 | -43.25 | 2.0 | 0 | 54.01 | PEAK | 74 | PASS |
| | Off | 2310.0 | -53.35 | 2.0 | 0 | 43.90 | AV | 54 | PASS |
| | Off | 2390.0 | -42.46 | 2.0 | 0 | 54.79 | PEAK | 74 | PASS |
| | Off | 2390.0 | -52.96 | 2.0 | 0 | 44.30 | AV | 54 | PASS |
| | Off | 2483.5 | -41.98 | 2.0 | 0 | 55.28 | PEAK | 74 | PASS |
| | Off | 2483.5 | -52.33 | 2.0 | 0 | 44.93 | AV | 54 | PASS |
| | Off | 2500.0 | -42.59 | 2.0 | 0 | 54.67 | PEAK | 74 | PASS |
| | Off | 2500.0 | -52.28 | 2.0 | 0 | 44.98 | AV | 54 | PASS |
| $\pi/4$ DQPSK | Off | 2310.0 | -41.48 | 2.0 | 0 | 55.78 | PEAK | 74 | PASS |
| | Off | 2310.0 | -53.28 | 2.0 | 0 | 43.98 | AV | 54 | PASS |
| | Off | 2390.0 | -43.07 | 2.0 | 0 | 54.19 | PEAK | 74 | PASS |
| | Off | 2390.0 | -52.98 | 2.0 | 0 | 44.28 | AV | 54 | PASS |
| | Off | 2483.5 | -42.78 | 2.0 | 0 | 54.47 | PEAK | 74 | PASS |
| | Off | 2483.5 | -52.39 | 2.0 | 0 | 44.87 | AV | 54 | PASS |
| | Off | 2500.0 | -43.00 | 2.0 | 0 | 54.26 | PEAK | 74 | PASS |
| | Off | 2500.0 | -52.30 | 2.0 | 0 | 44.96 | AV | 54 | PASS |
| 8DPSK | Off | 2310.0 | -43.38 | 2.0 | 0 | 53.88 | PEAK | 74 | PASS |
| | Off | 2310.0 | -53.30 | 2.0 | 0 | 43.96 | AV | 54 | PASS |
| | Off | 2390.0 | -42.92 | 2.0 | 0 | 54.34 | PEAK | 74 | PASS |
| | Off | 2390.0 | -52.86 | 2.0 | 0 | 44.40 | AV | 54 | PASS |
| | Off | 2483.5 | -41.55 | 2.0 | 0 | 55.71 | PEAK | 74 | PASS |
| | Off | 2483.5 | -52.31 | 2.0 | 0 | 44.95 | AV | 54 | PASS |
| | Off | 2500.0 | -41.56 | 2.0 | 0 | 55.70 | PEAK | 74 | PASS |
| | Off | 2500.0 | -52.25 | 2.0 | 0 | 45.01 | AV | 54 | PASS |

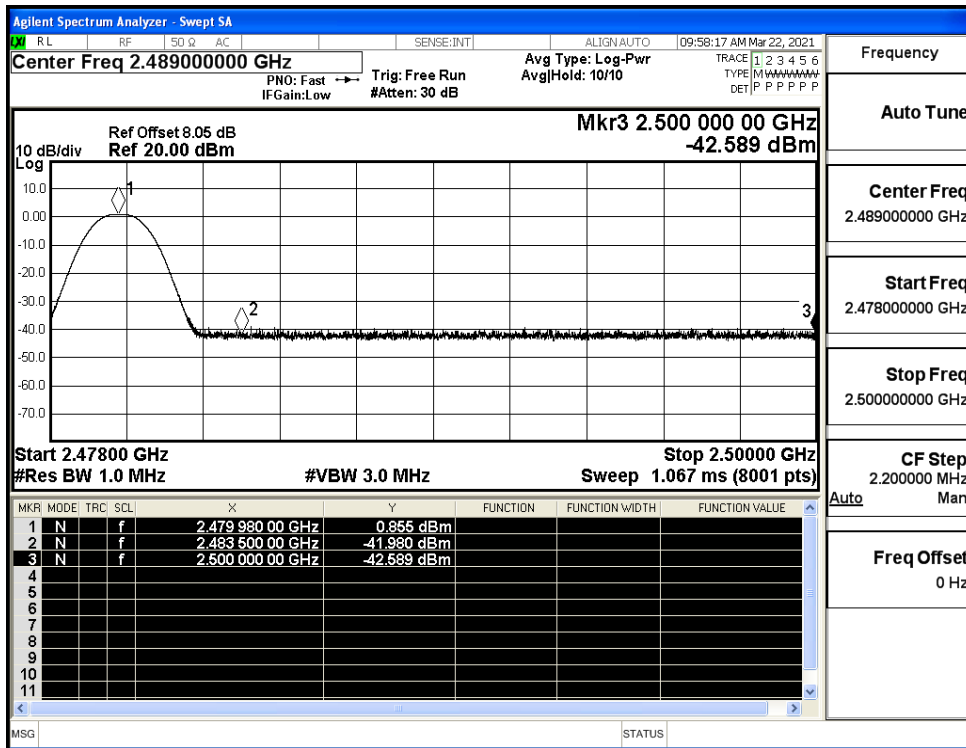
Restrict-band band-edge measurements_Hopping Off_GFSK_PEAK (Low Channel)



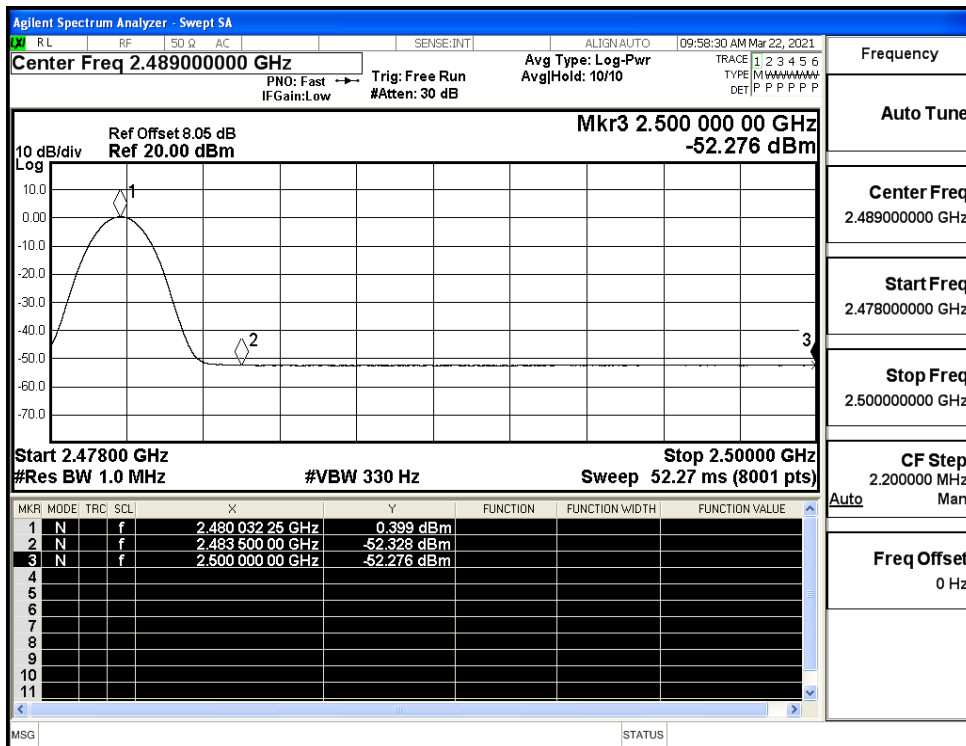
Restrict-band band-edge measurements_Hopping Off_GFSK_Average (Low Channel)



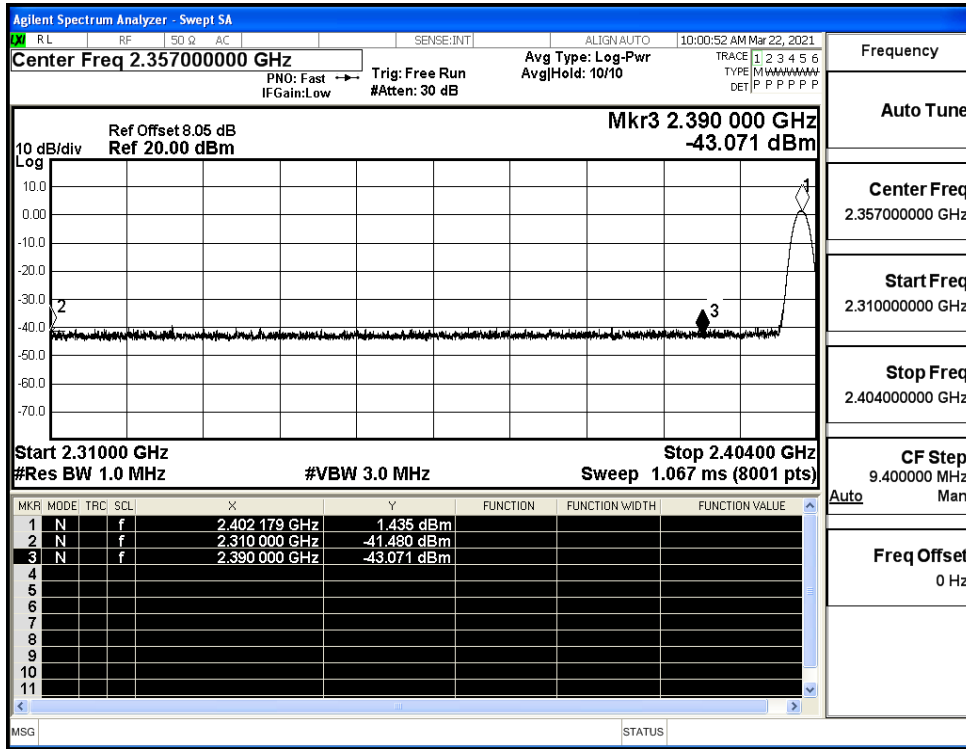
Restrict-band band-edge measurements_Hopping Off_GFSK_PEAK (High Channel)



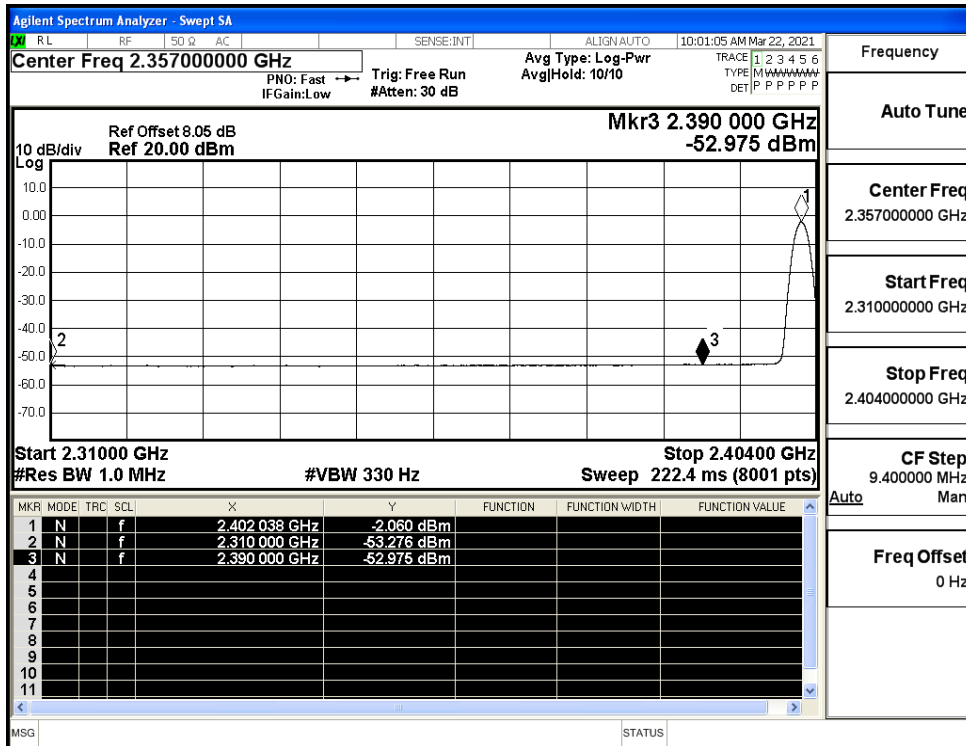
Restrict-band band-edge measurements_Hopping Off_GFSK_Average (High Channel)



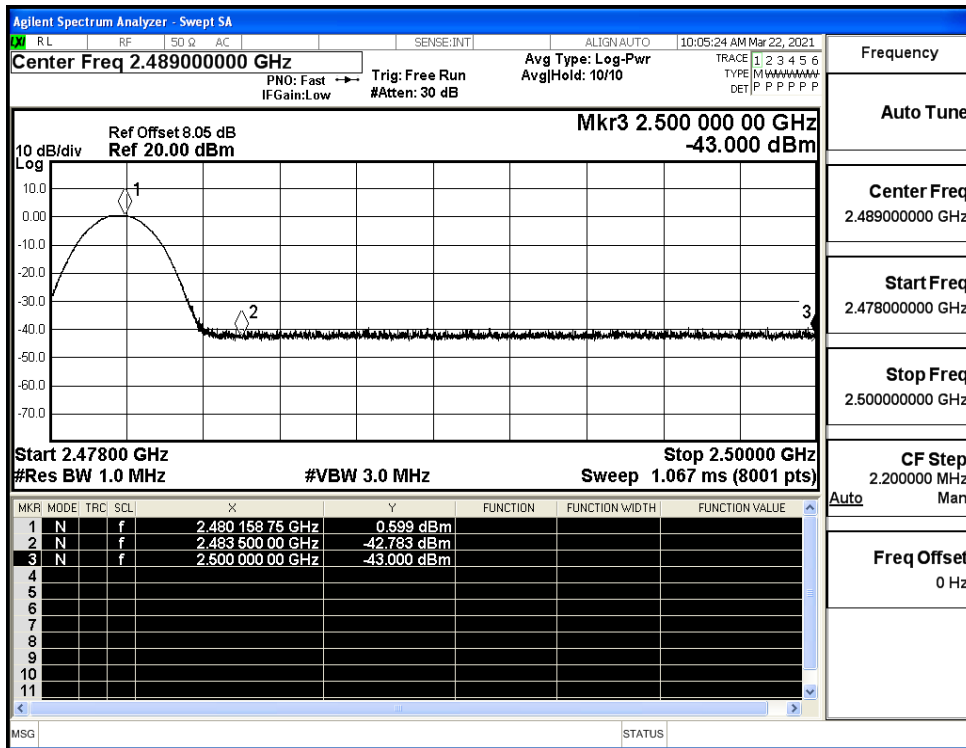
Restrict-band band-edge measurements_Hopping Off $\pi/4$ -DQPSK_PEAK (Low Channel)



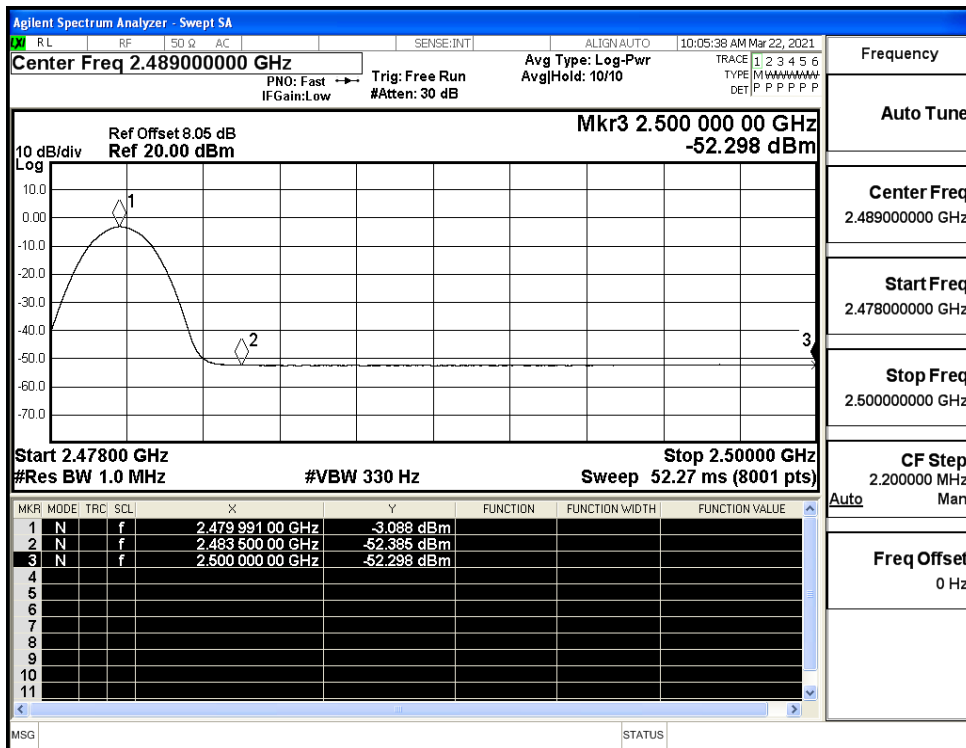
Restrict-band band-edge measurements_Hopping Off $\pi/4$ -DQPSK_Average (Low Channel)



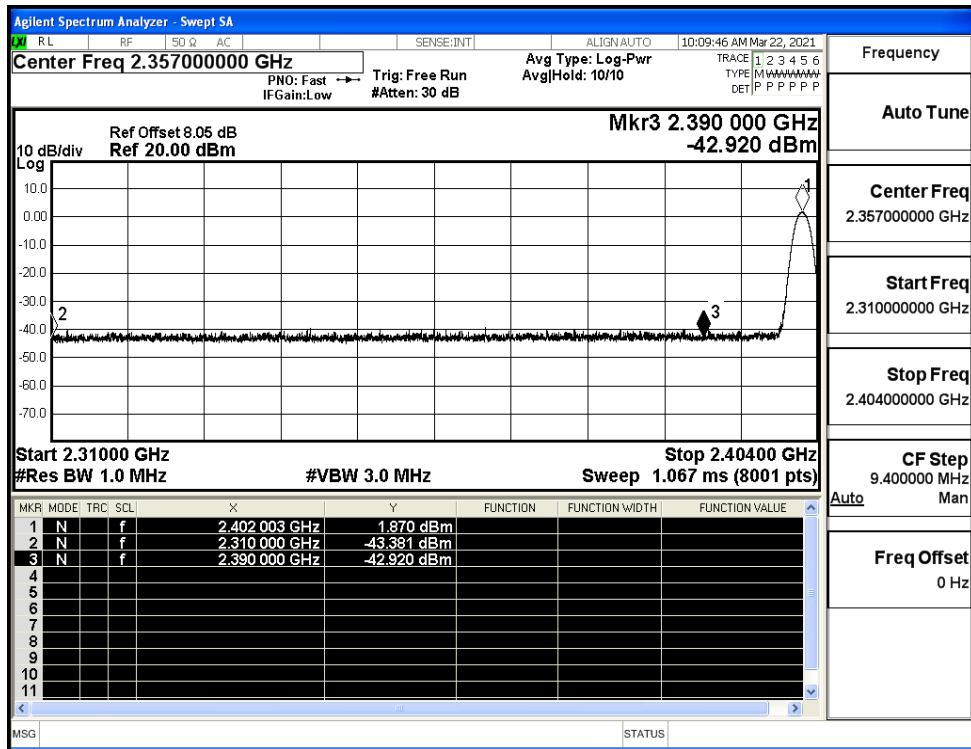
Restrict-band band-edge measurements_Hopping Off $\pi/4$ -DQPSK_PEAK (High Channel)



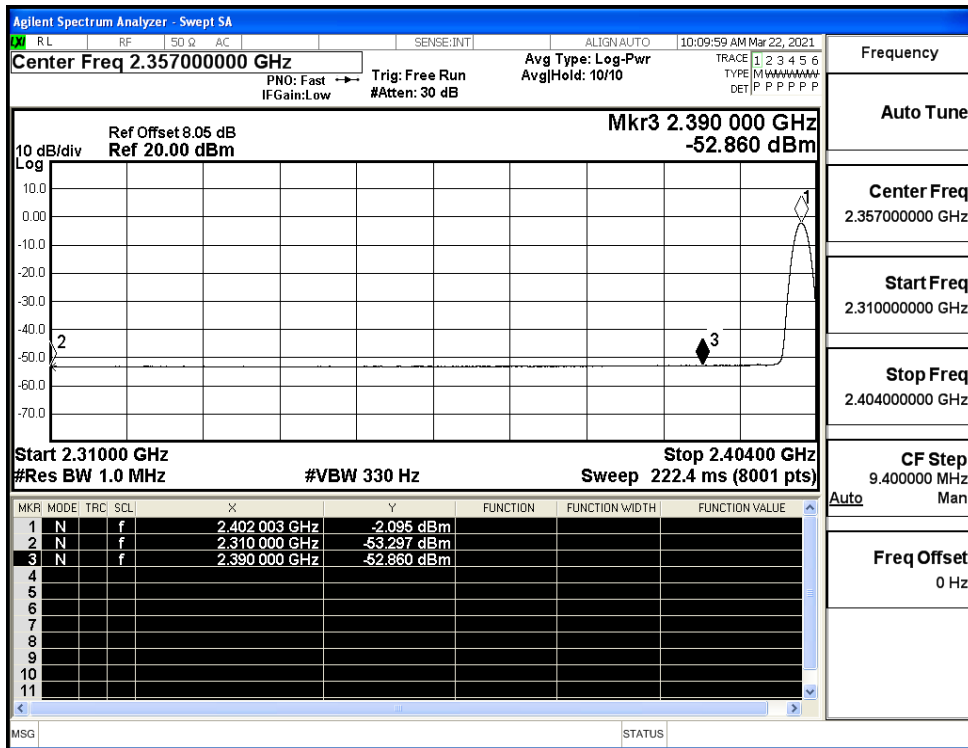
Restrict-band band-edge measurements_Hopping Off $\pi/4$ -DQPSK_Average (High Channel)



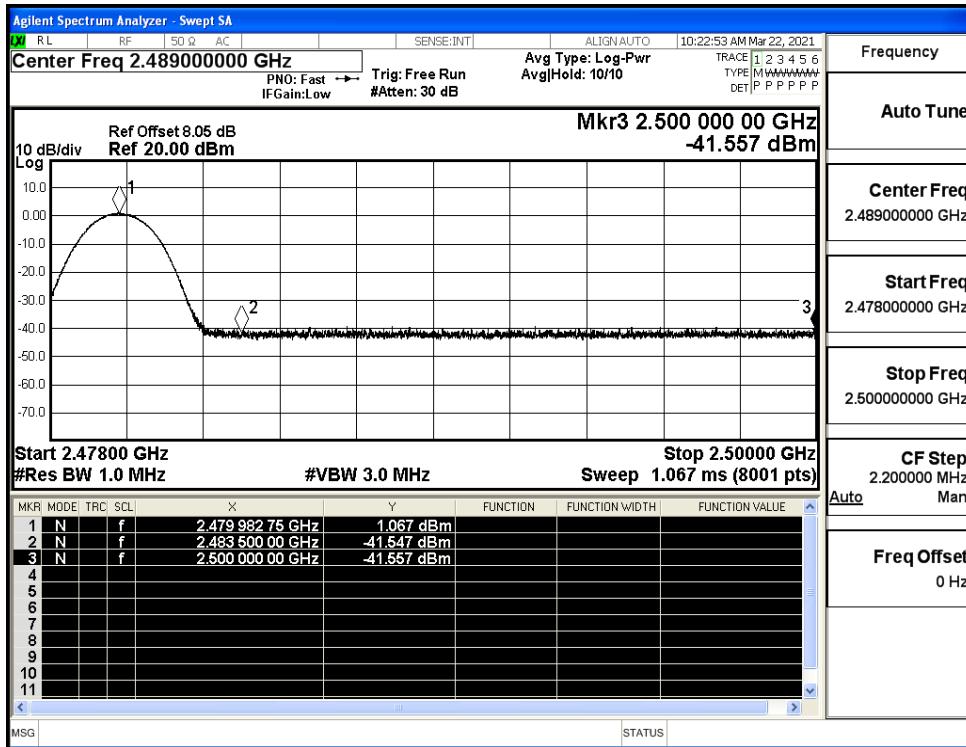
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



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)

