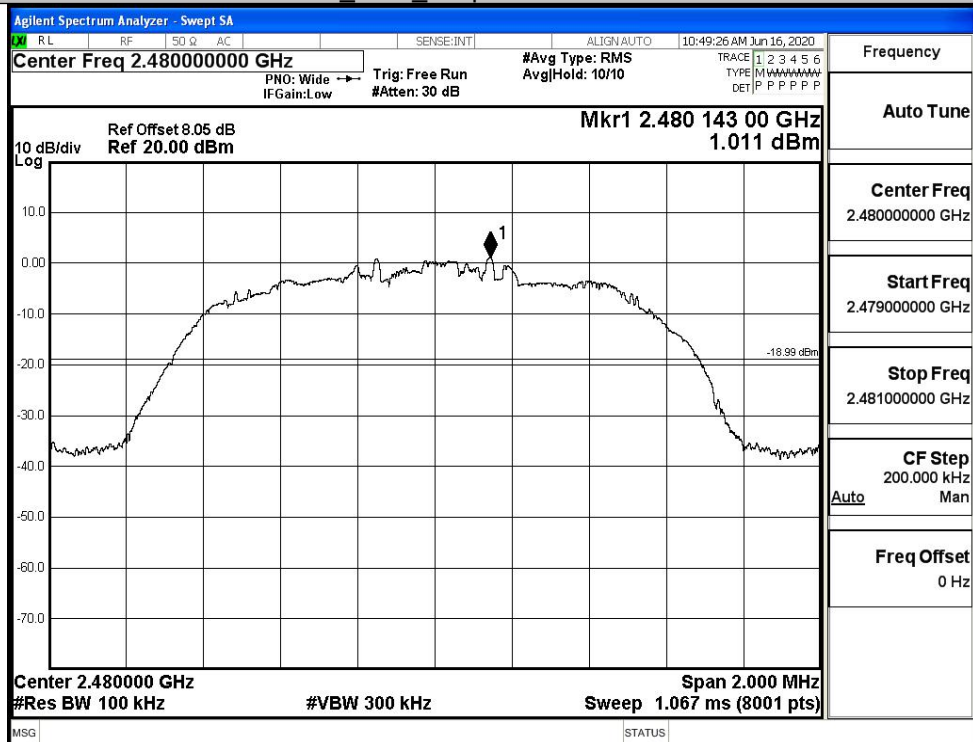
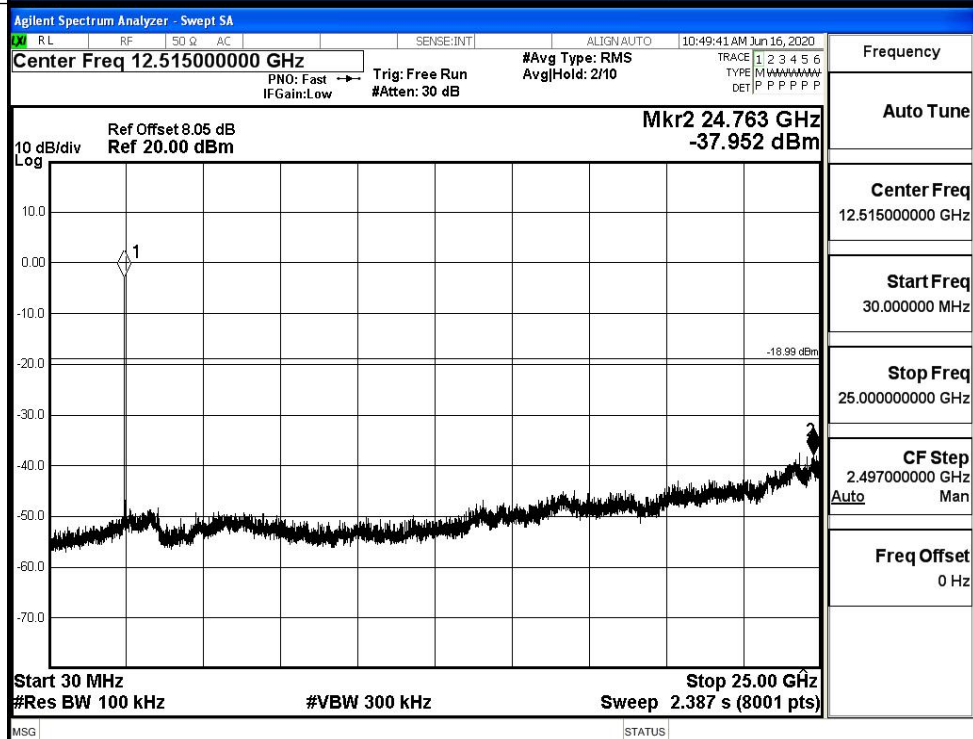


## 8DPSK\_HCH\_Graphs

Pref



Puw

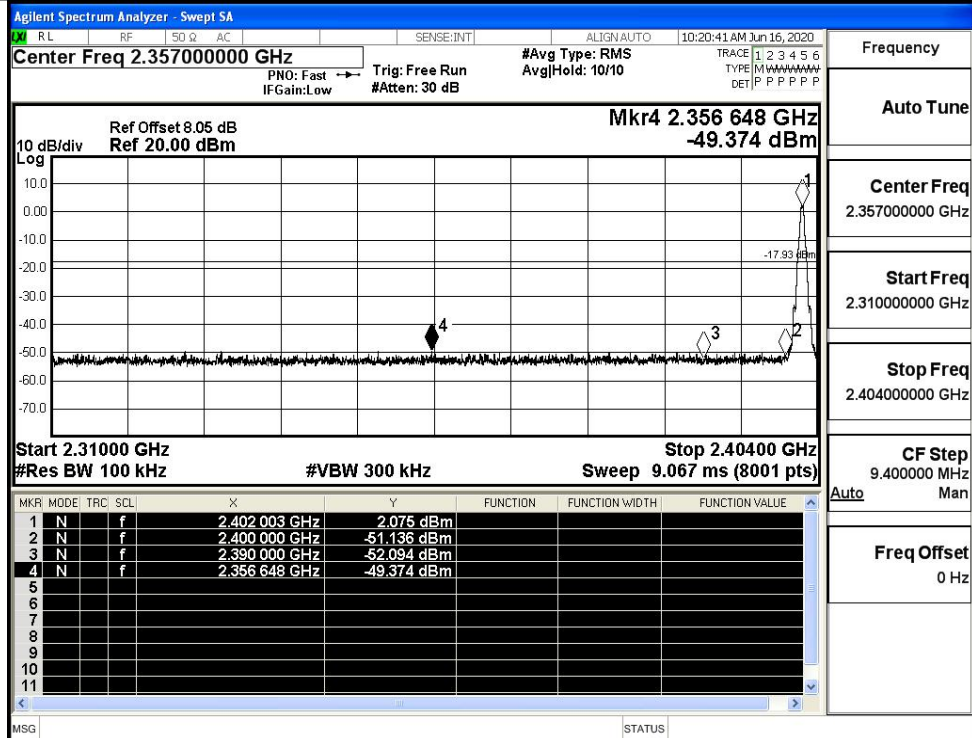


**A.7 Band-edge for RF Conducted Emissions**

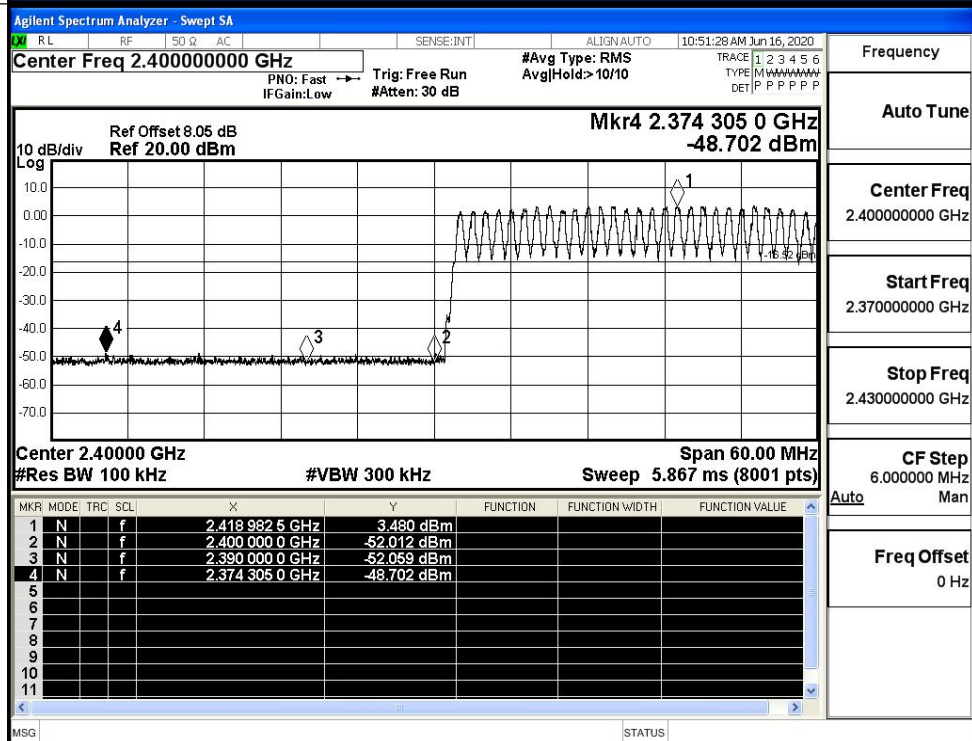
| Mode          | Channel | Carrier Frequency [MHz] | Carrier Power [dBm] | Frequency Hopping | Max Spurious Level [dBm] | Limit [dBm] | Verdict |
|---------------|---------|-------------------------|---------------------|-------------------|--------------------------|-------------|---------|
| GFSK          | LCH     | 2402                    | 2.075               | Off               | -49.374                  | -17.93      | PASS    |
|               |         |                         | 3.480               | On                | -48.702                  | -16.52      | PASS    |
|               | HCH     | 2480                    | 2.139               | Off               | -48.724                  | -17.86      | PASS    |
|               |         |                         | 3.214               | On                | -48.254                  | -16.79      | PASS    |
| $\pi/4$ DQPSK | LCH     | 2402                    | 0.809               | Off               | -49.038                  | -19.19      | PASS    |
|               |         |                         | 2.825               | On                | -49.220                  | -17.18      | PASS    |
|               | HCH     | 2480                    | 1.360               | Off               | -49.112                  | -18.64      | PASS    |
|               |         |                         | 2.649               | On                | -47.587                  | -17.35      | PASS    |
| 8DPSK         | LCH     | 2402                    | 1.211               | Off               | -49.016                  | -18.79      | PASS    |
|               |         |                         | 2.460               | On                | -49.037                  | -17.54      | PASS    |
|               | HCH     | 2480                    | 1.249               | Off               | -49.005                  | -18.75      | PASS    |
|               |         |                         | 2.110               | On                | -48.610                  | -17.89      | PASS    |

## Test Graphs

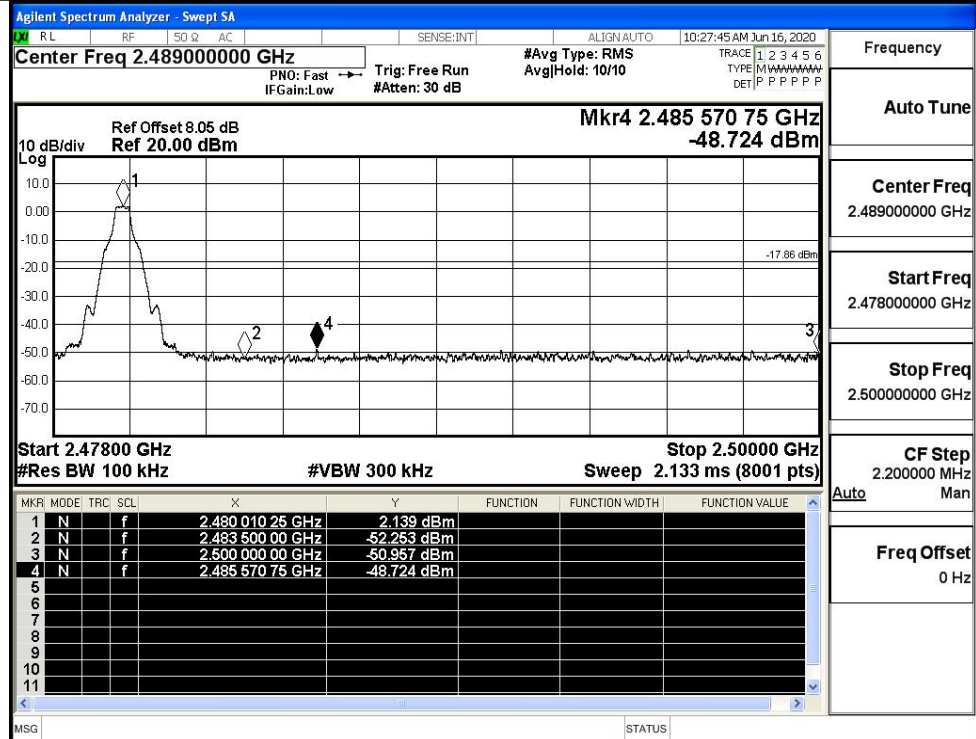
GFSK/LCH/No Hop



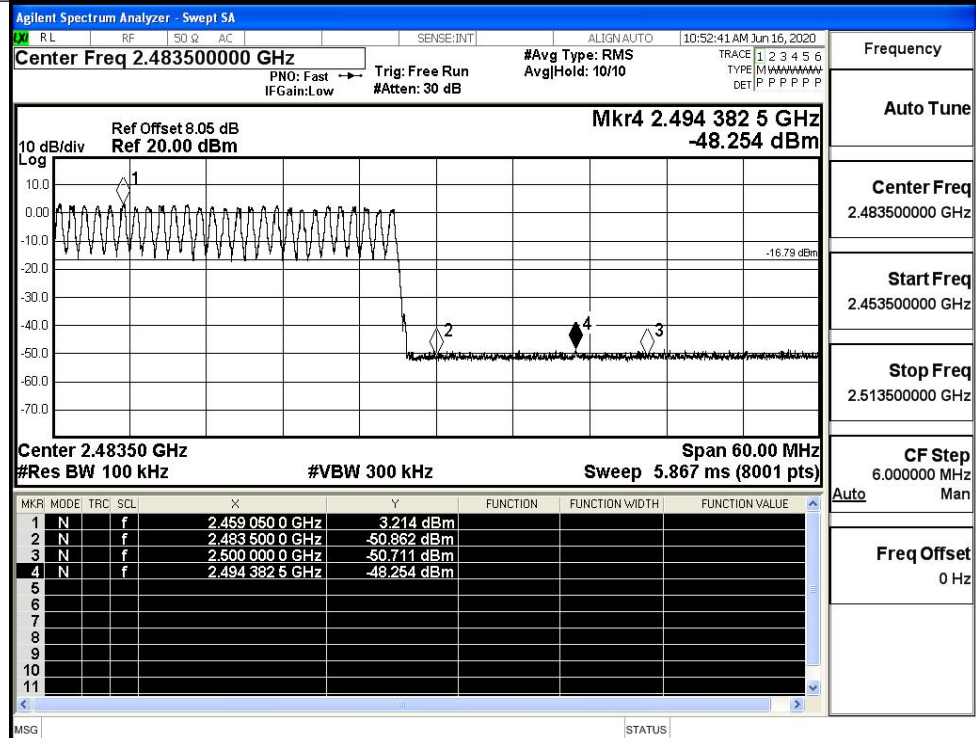
GFSK/LCH/Hop



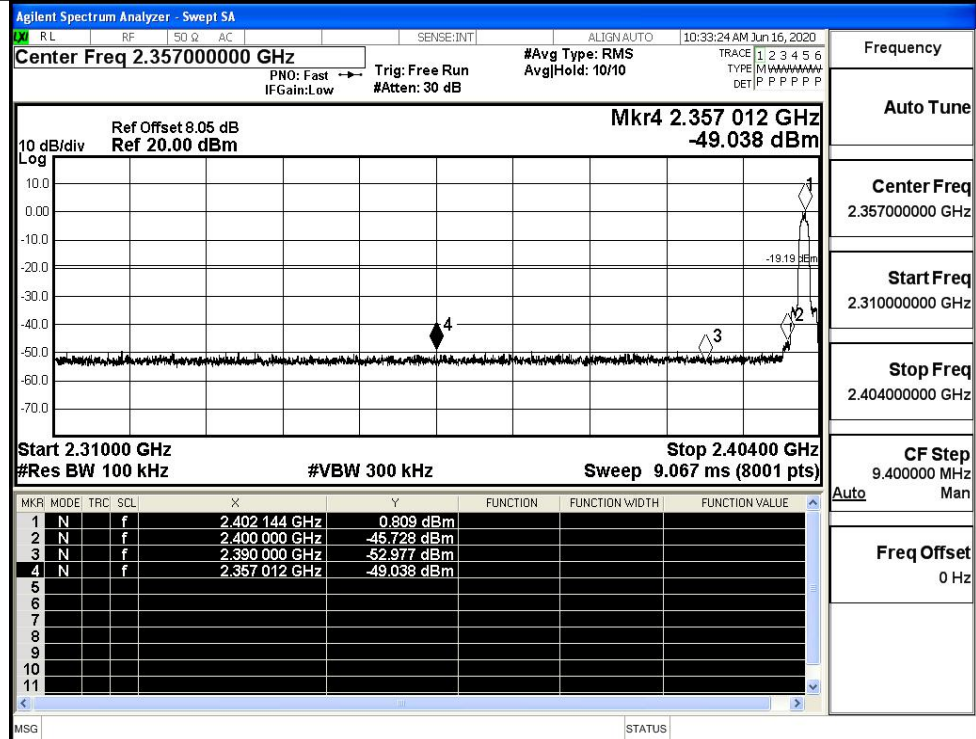
GFSK/HCH/No Hop



GFSK/HCH/Hop



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



Frequency

Auto Tune

Center Freq  
2.357000000 GHz

Start Freq  
2.310000000 GHz

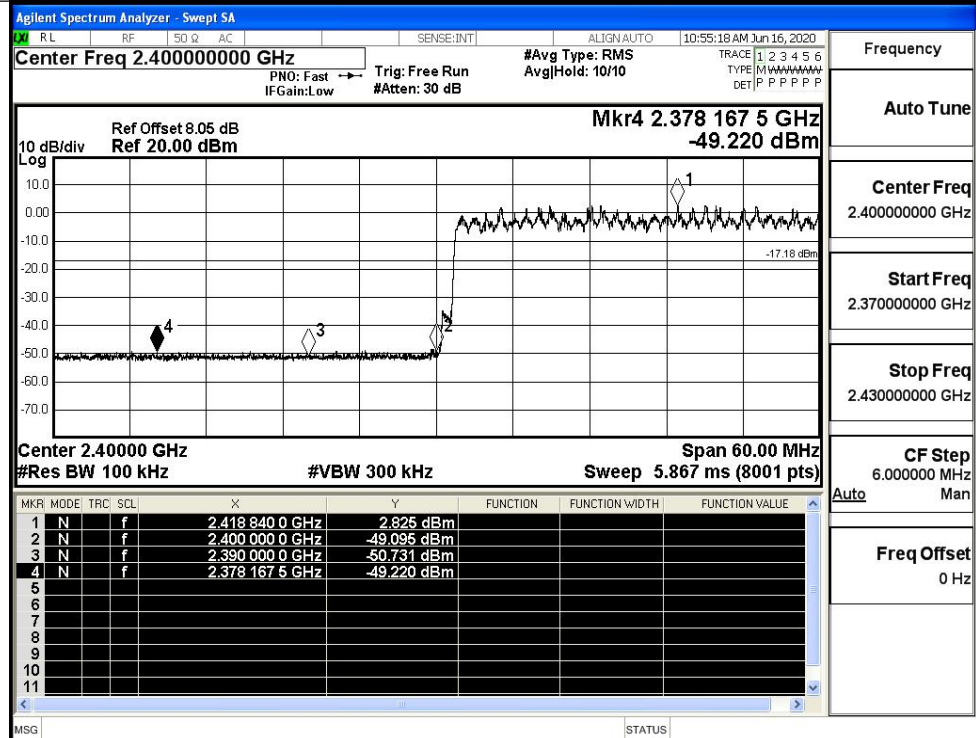
Stop Freq  
2.404000000 GHz

CF Step  
9.400000 MHz

Auto Man

Freq Offset  
0 Hz

$\pi/4$ DQPSK/LCH/Hop



Frequency

Auto Tune

Center Freq  
2.400000000 GHz

Start Freq  
2.370000000 GHz

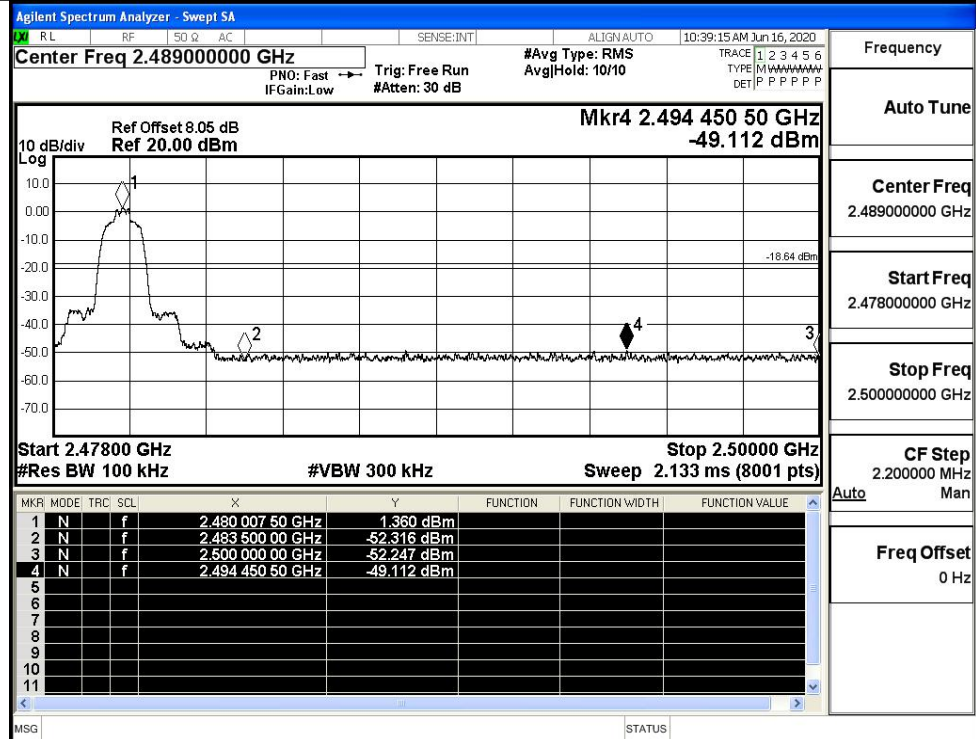
Stop Freq  
2.430000000 GHz

CF Step  
6.000000 MHz

Auto Man

Freq Offset  
0 Hz

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

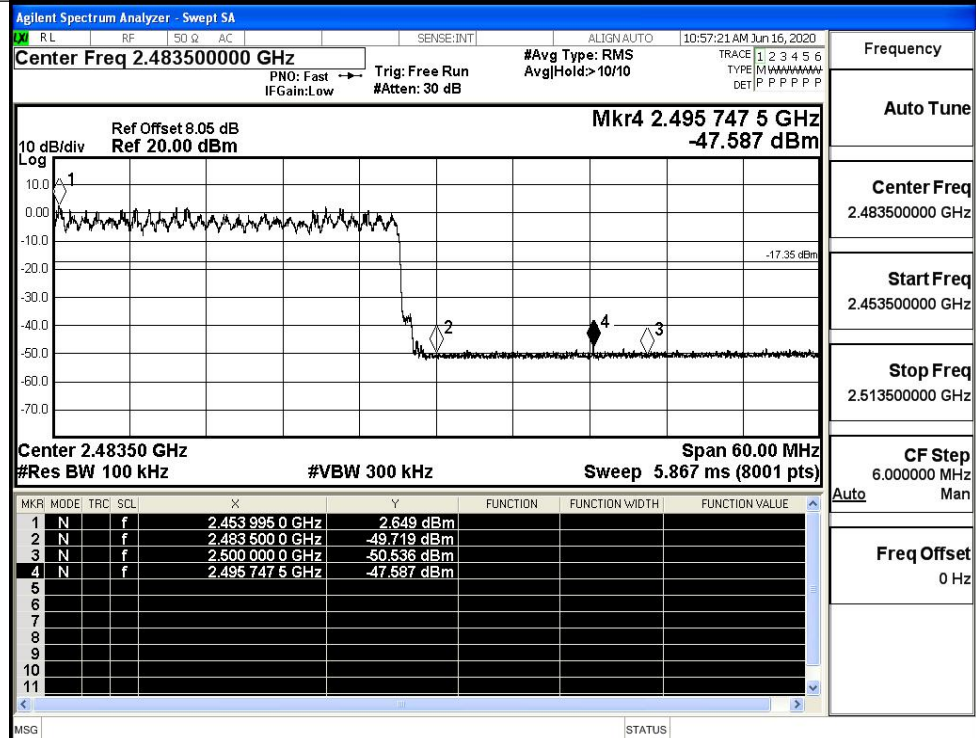


Frequency

Auto Tune

Center Freq  
2.489000000 GHzStart Freq  
2.478000000 GHzStop Freq  
2.500000000 GHzCF Step  
2.200000 MHz  
Auto ManFreq Offset  
0 Hz

$\pi/4$ DQPSK/HCH/Hop

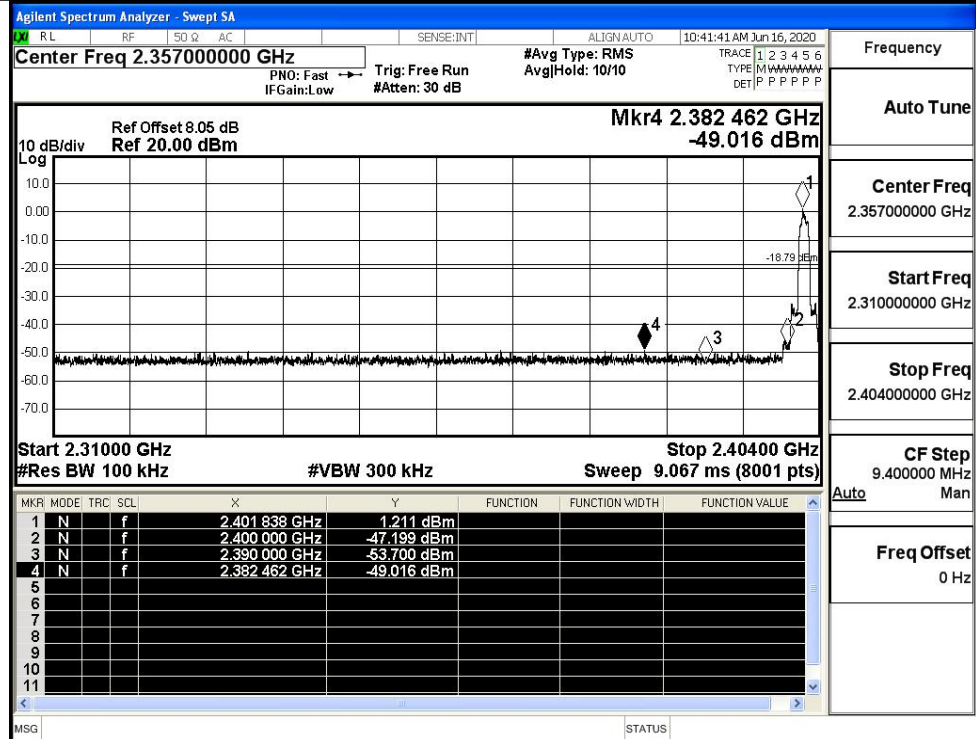


Frequency

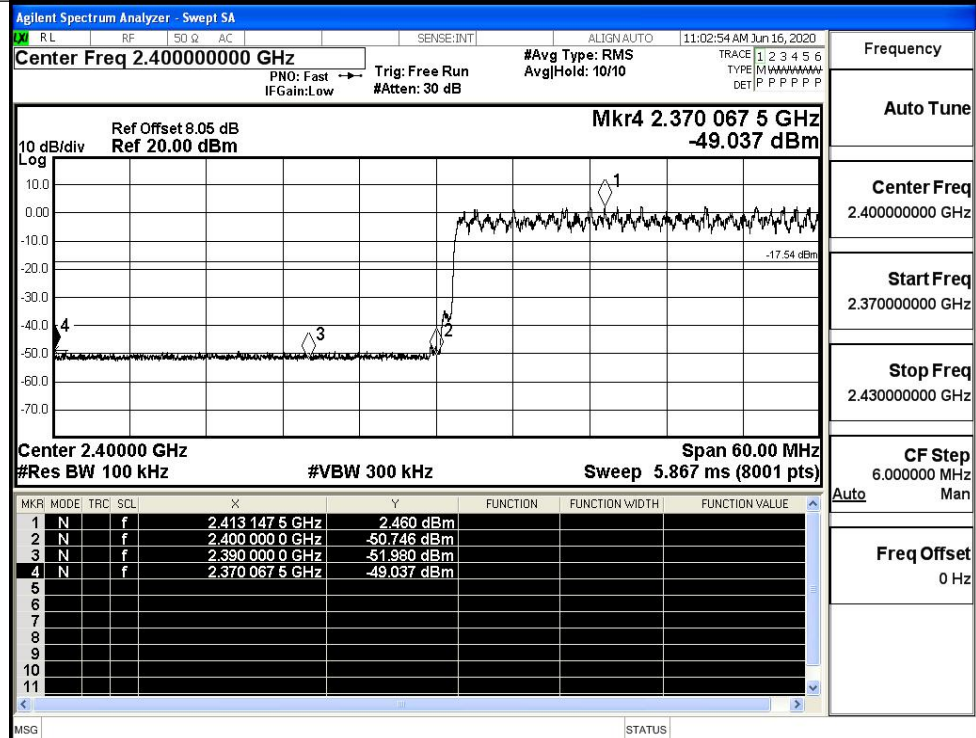
Auto Tune

Center Freq  
2.483500000 GHzStart Freq  
2.453500000 GHzStop Freq  
2.513500000 GHzCF Step  
6.000000 MHz  
Auto ManFreq Offset  
0 Hz

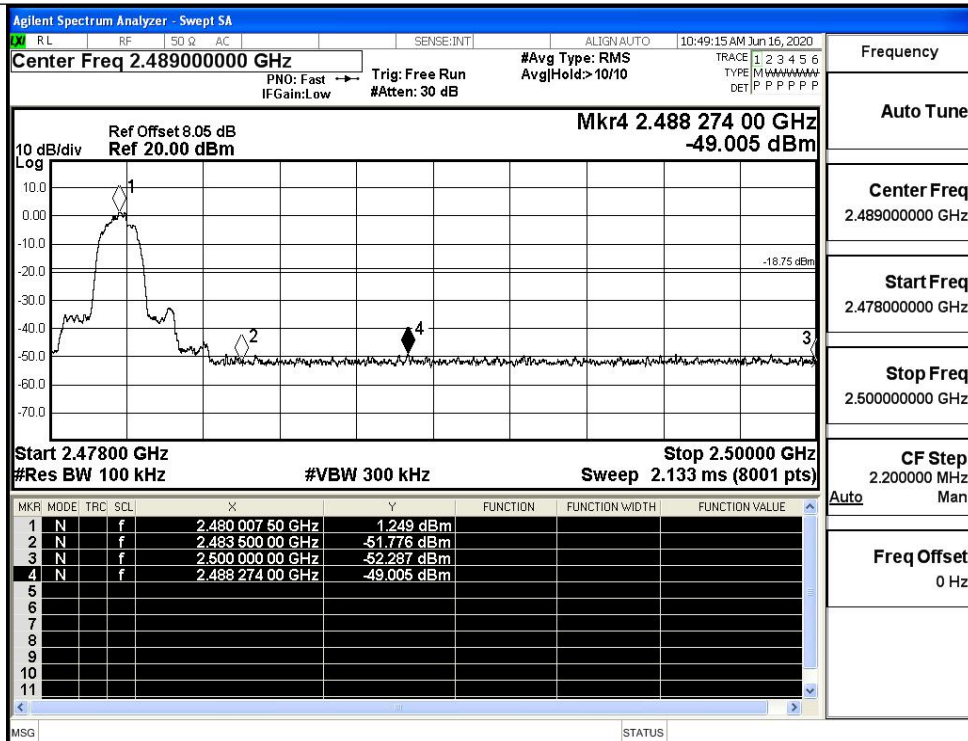
8DPSK/LCH/No Hop



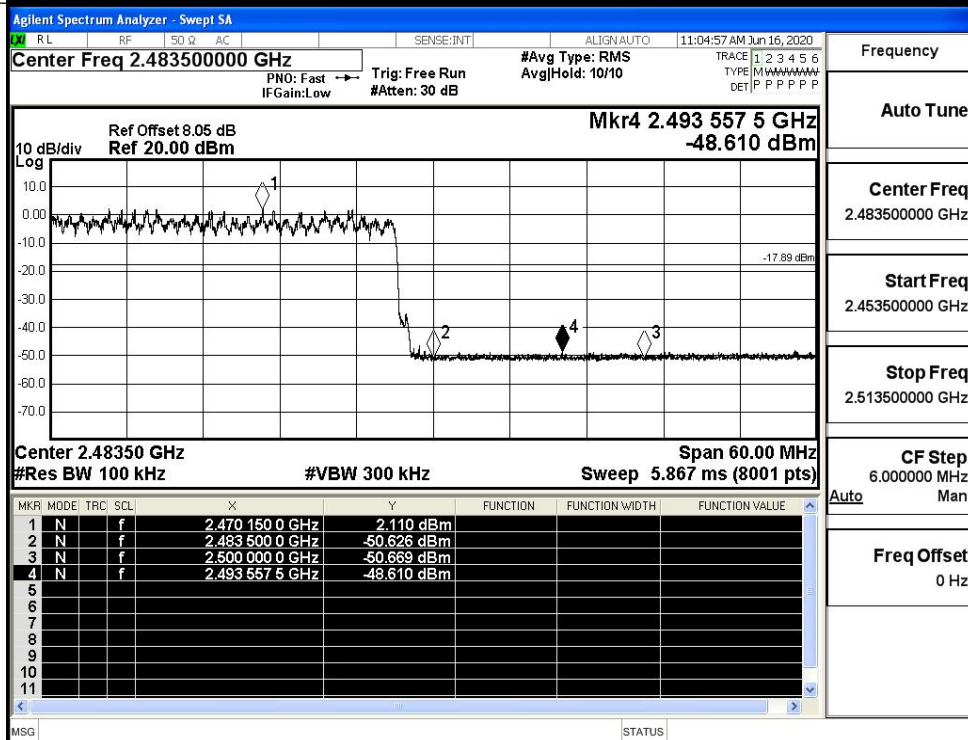
8DPSK/LCH/Hop



8DPSK/HCH/No Hop



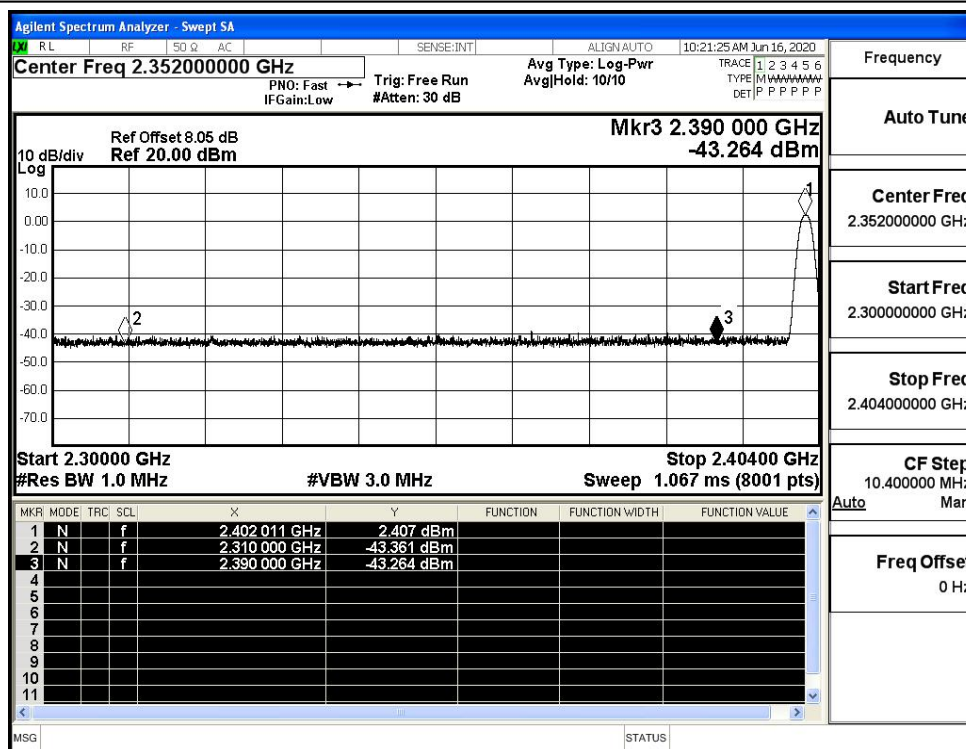
8DPSK/HCH/Hop



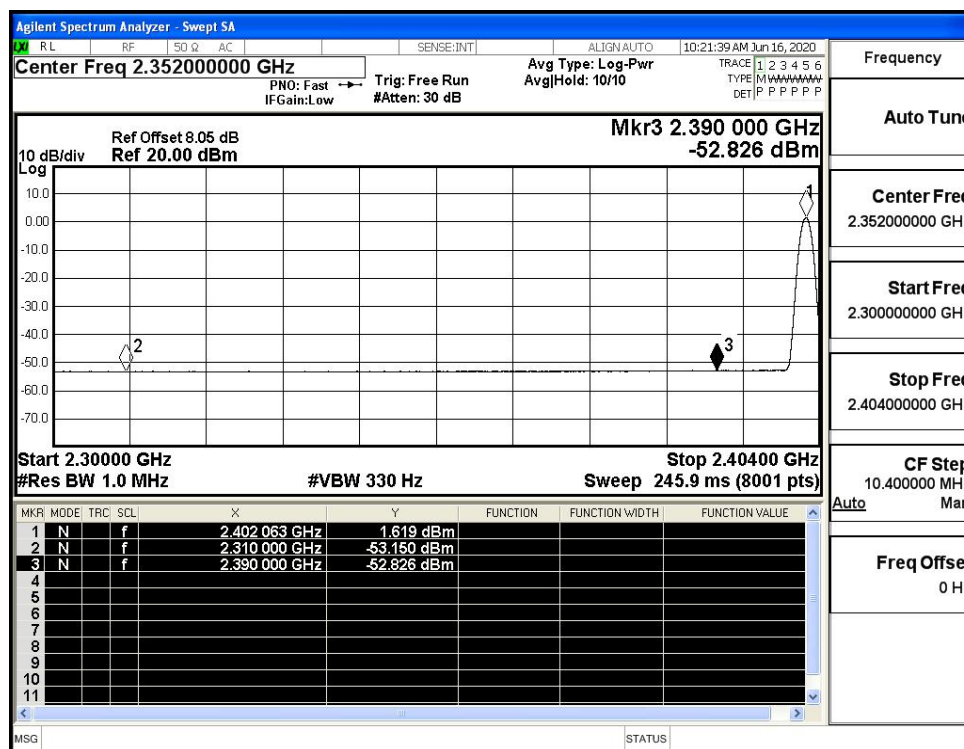
**A.8 Restrict-band band-edge measurements**

| Test Mode     | Hopping | Freq.  | Power [dBm] | Gain | Ground Factor | E [dBuV/m] | Detector | Limit [dBuV/m] | Verdict |
|---------------|---------|--------|-------------|------|---------------|------------|----------|----------------|---------|
| GFSK          | Off     | 2310.0 | -43.36      | 2.0  | 0             | 53.87      | PEAK     | 74             | PASS    |
|               | Off     | 2310.0 | -53.15      | 2.0  | 0             | 44.08      | AV       | 54             | PASS    |
|               | Off     | 2390.0 | -43.26      | 2.0  | 0             | 53.97      | PEAK     | 74             | PASS    |
|               | Off     | 2390.0 | -52.83      | 2.0  | 0             | 44.40      | AV       | 54             | PASS    |
|               | Off     | 2483.5 | -42.42      | 2.0  | 0             | 54.81      | PEAK     | 74             | PASS    |
|               | Off     | 2483.5 | -52.38      | 2.0  | 0             | 44.85      | AV       | 54             | PASS    |
|               | Off     | 2500.0 | -42.32      | 2.0  | 0             | 54.91      | PEAK     | 74             | PASS    |
|               | Off     | 2500.0 | -52.29      | 2.0  | 0             | 44.94      | AV       | 54             | PASS    |
| $\pi/4$ DQPSK | Off     | 2310.0 | -42.85      | 2.0  | 0             | 54.38      | PEAK     | 74             | PASS    |
|               | Off     | 2310.0 | -53.26      | 2.0  | 0             | 43.97      | AV       | 54             | PASS    |
|               | Off     | 2390.0 | -43.11      | 2.0  | 0             | 54.12      | PEAK     | 74             | PASS    |
|               | Off     | 2390.0 | -52.79      | 2.0  | 0             | 44.44      | AV       | 54             | PASS    |
|               | Off     | 2483.5 | -42.30      | 2.0  | 0             | 54.93      | PEAK     | 74             | PASS    |
|               | Off     | 2483.5 | -52.29      | 2.0  | 0             | 44.94      | AV       | 54             | PASS    |
|               | Off     | 2500.0 | -40.57      | 2.0  | 0             | 56.66      | PEAK     | 74             | PASS    |
|               | Off     | 2500.0 | -52.21      | 2.0  | 0             | 45.02      | AV       | 54             | PASS    |
| 8DPSK         | Off     | 2310.0 | -44.44      | 2.0  | 0             | 52.79      | PEAK     | 74             | PASS    |
|               | Off     | 2310.0 | -53.21      | 2.0  | 0             | 44.02      | AV       | 54             | PASS    |
|               | Off     | 2390.0 | -43.22      | 2.0  | 0             | 54.01      | PEAK     | 74             | PASS    |
|               | Off     | 2390.0 | -52.95      | 2.0  | 0             | 44.28      | AV       | 54             | PASS    |
|               | Off     | 2483.5 | -41.16      | 2.0  | 0             | 56.07      | PEAK     | 74             | PASS    |
|               | Off     | 2483.5 | -52.26      | 2.0  | 0             | 44.97      | AV       | 54             | PASS    |
|               | Off     | 2500.0 | -43.10      | 2.0  | 0             | 54.13      | PEAK     | 74             | PASS    |
|               | Off     | 2500.0 | -52.24      | 2.0  | 0             | 44.99      | AV       | 54             | PASS    |

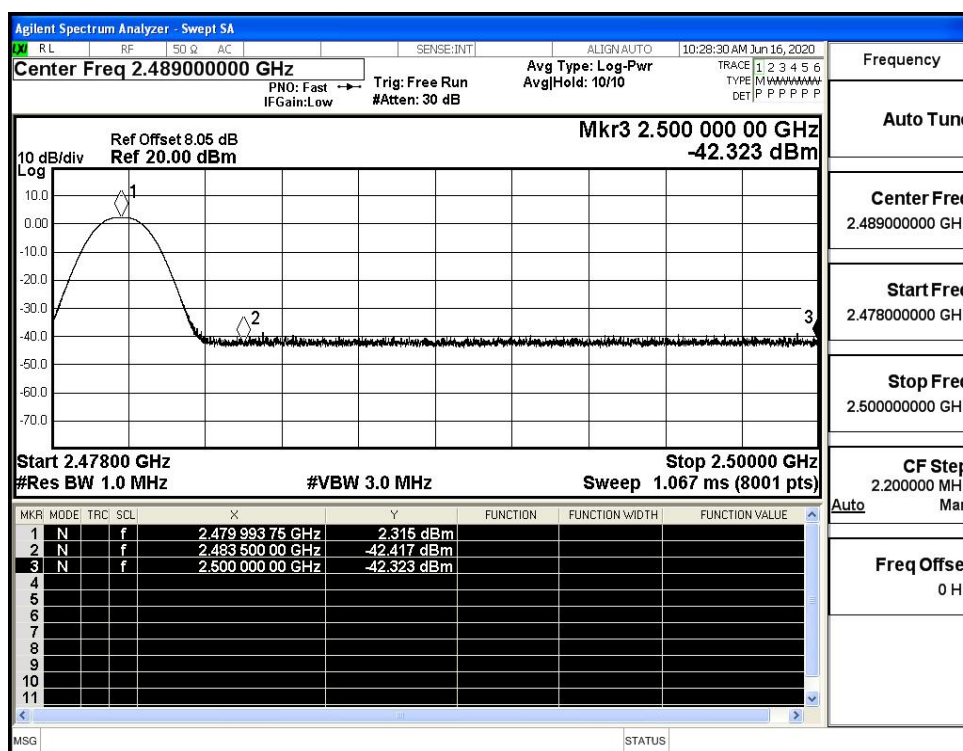
## Restrict-band band-edge measurements\_Hopping Off\_GFSK\_PEAK (Low Channel)



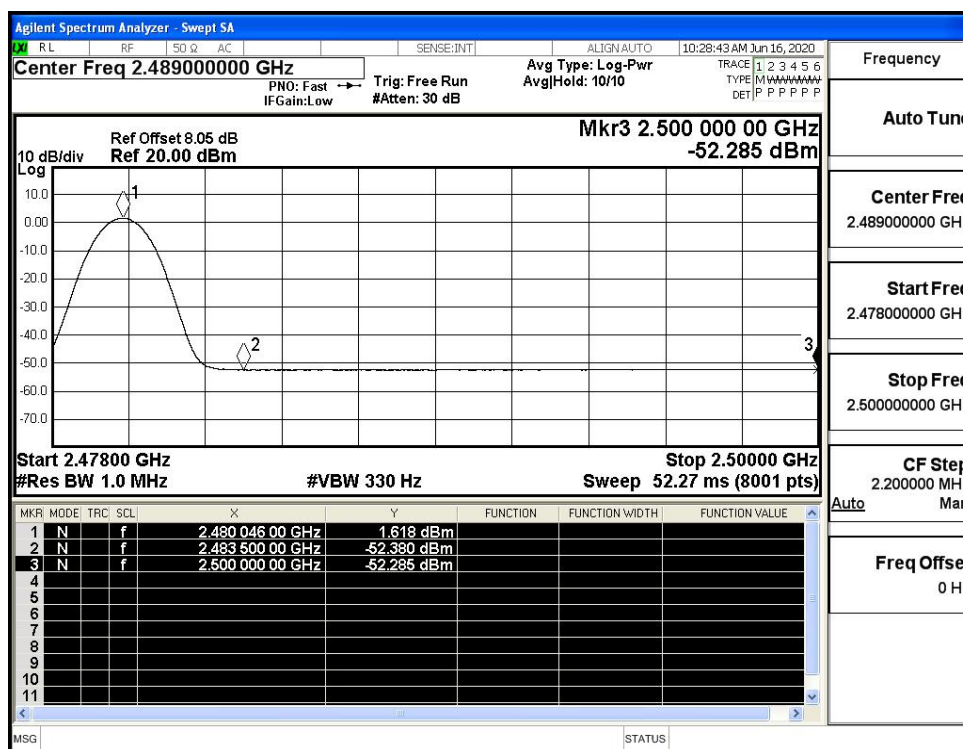
## Restrict-band band-edge measurements\_Hopping Off\_GFSK\_Average (Low Channel)

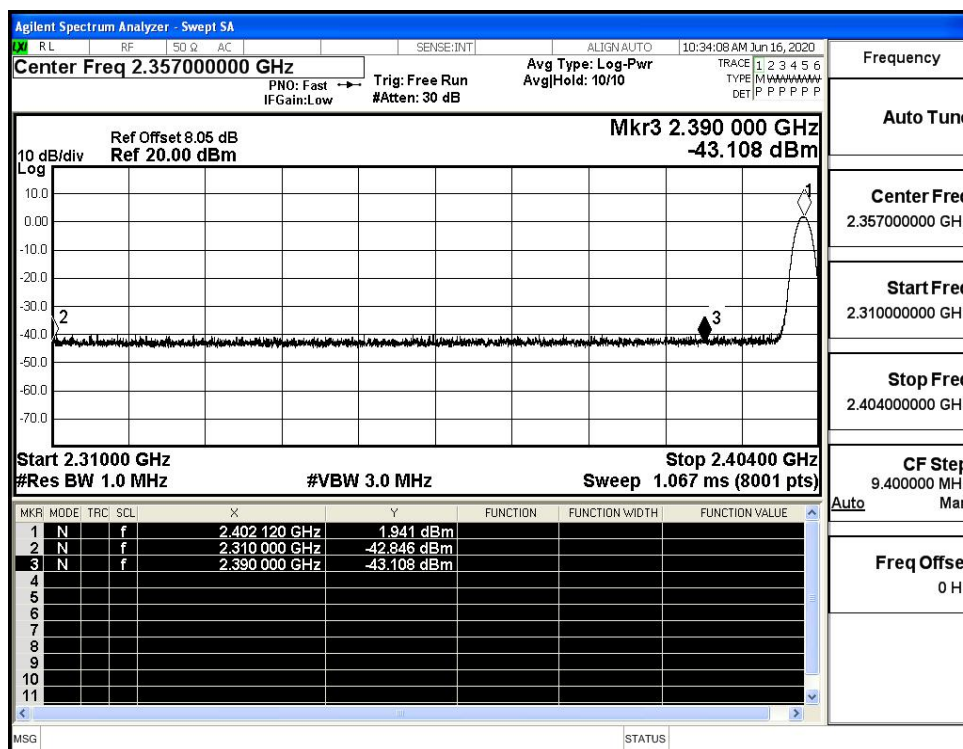
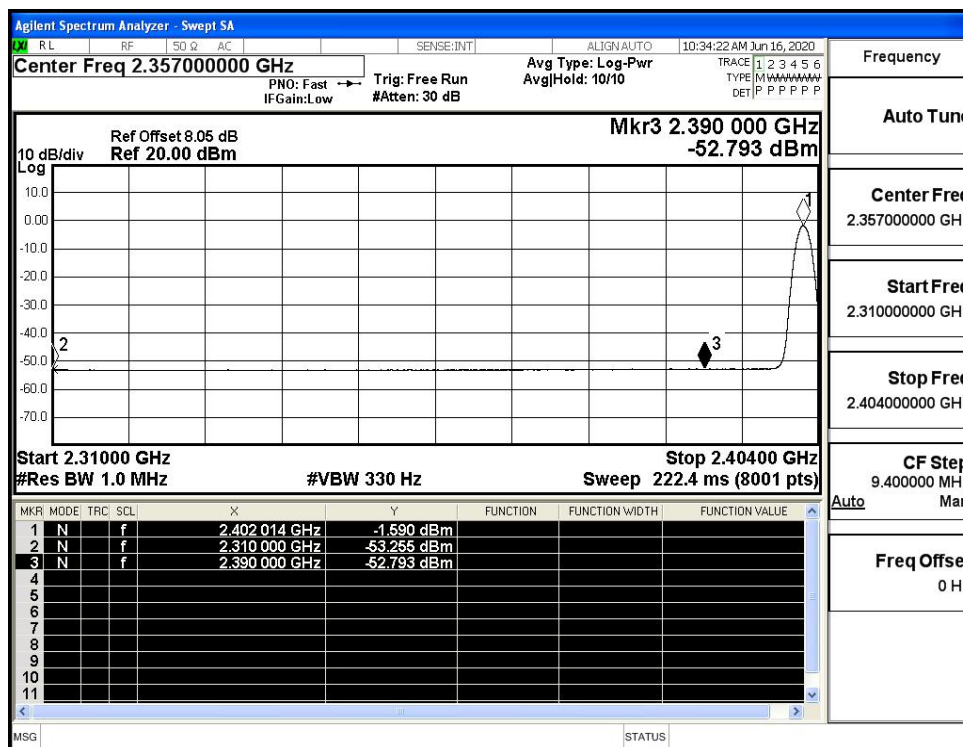


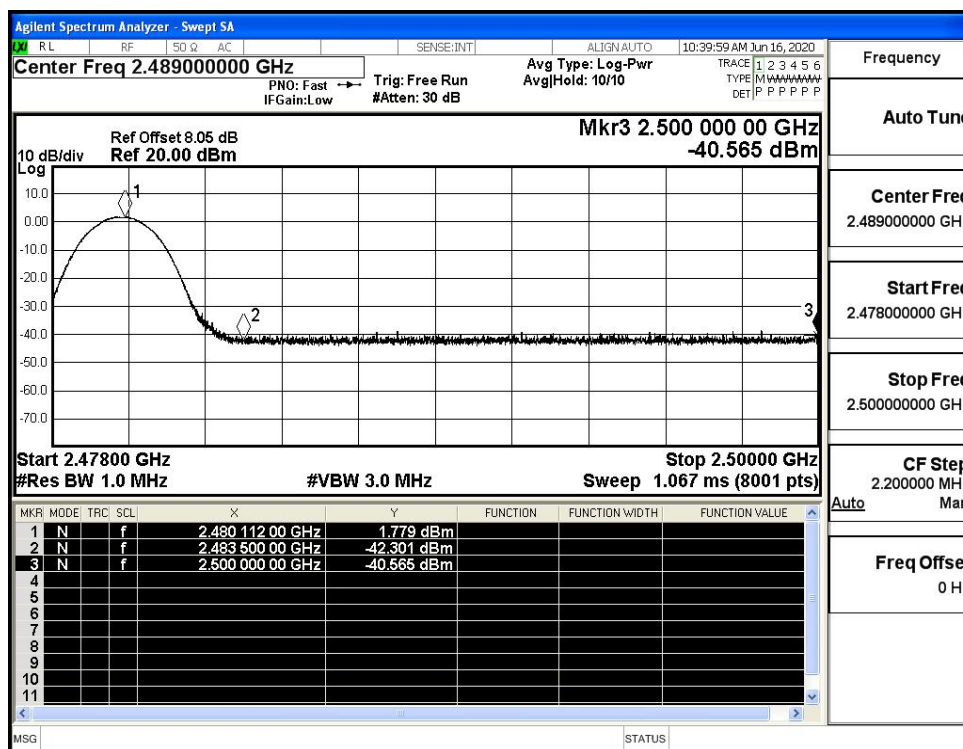
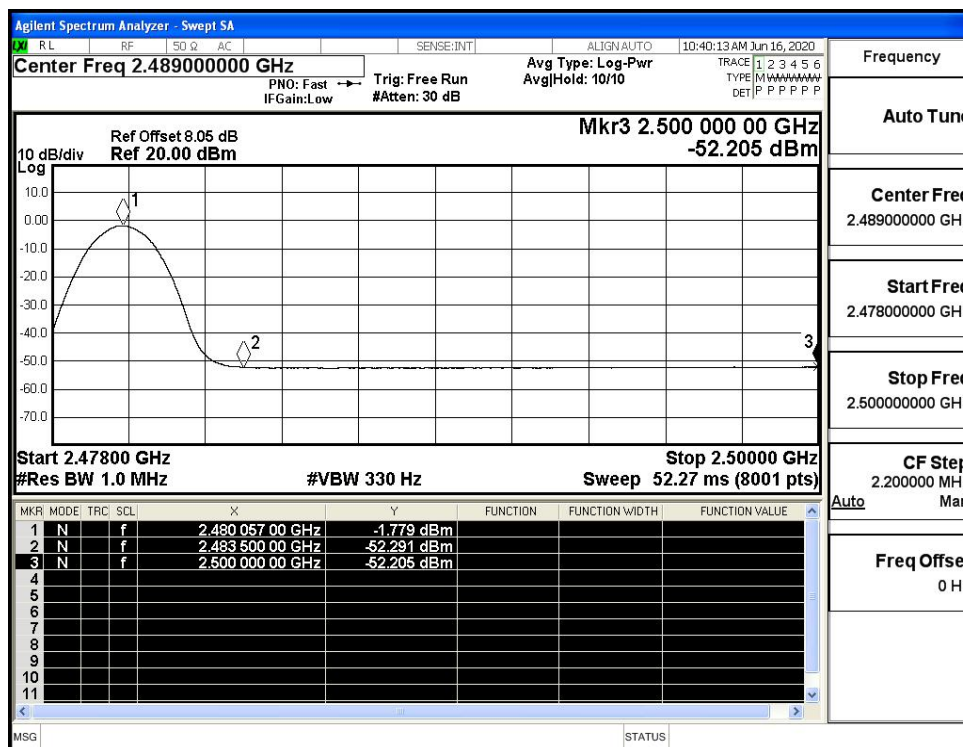
## Restrict-band band-edge measurements\_Hopping Off\_ GFSK\_PEAK (High Channel)



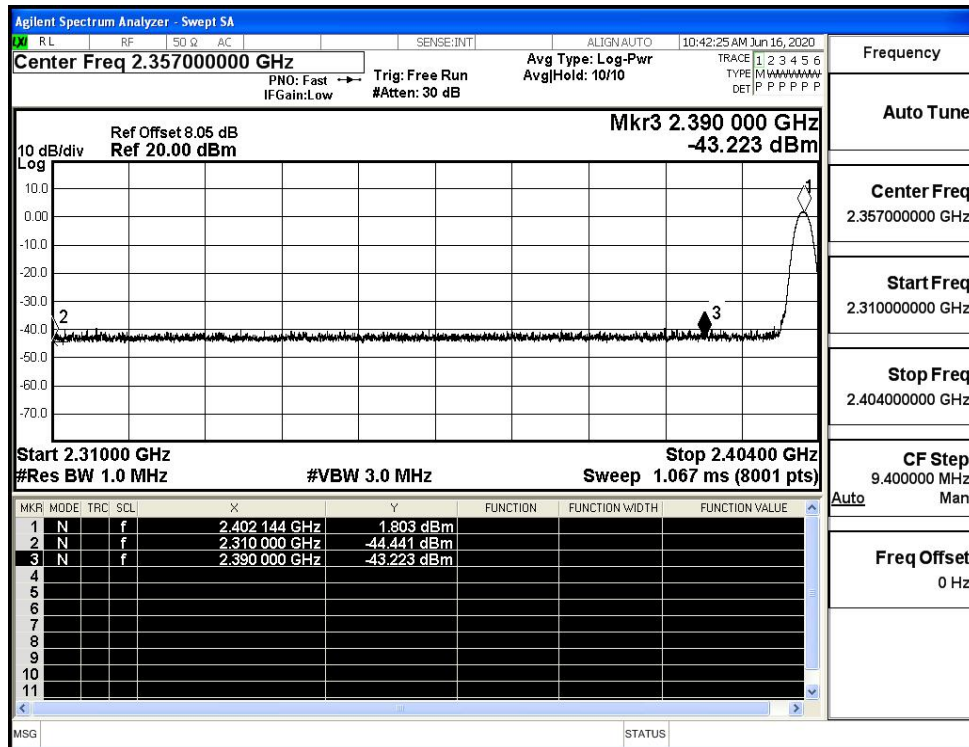
## Restrict-band band-edge measurements\_Hopping Off\_ GFSK\_Average (High Channel)



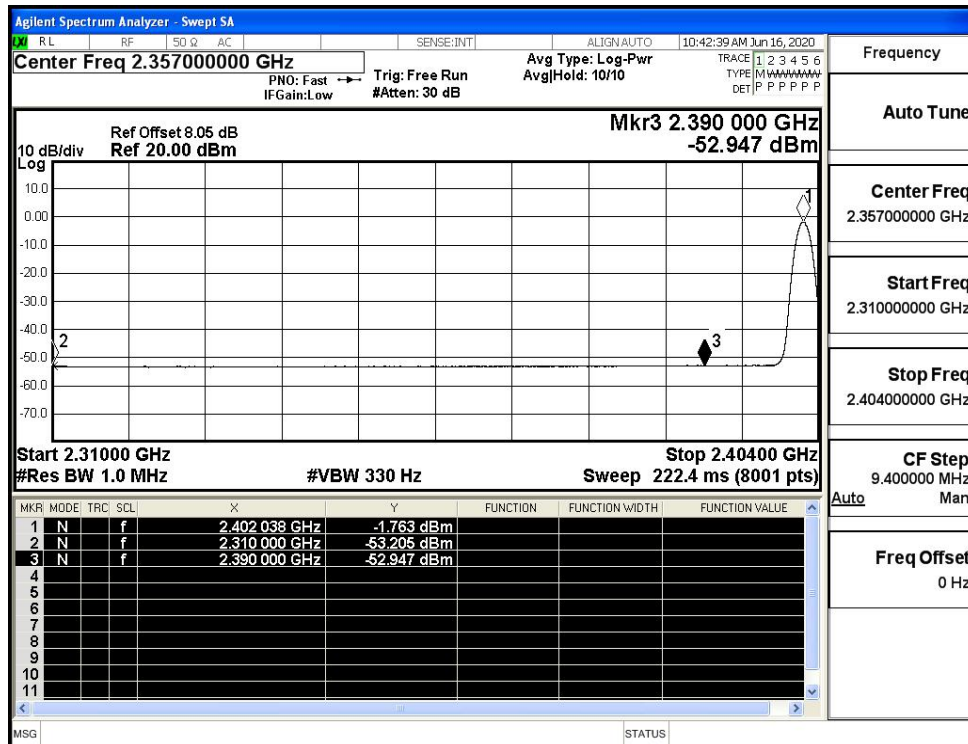
Restrict-band band-edge measurements\_Hopping Off  $\pi/4$ -DQPSK\_PEAK (Low Channel)Restrict-band band-edge measurements\_Hopping Off  $\pi/4$ -DQPSK\_Average (Low Channel)

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)

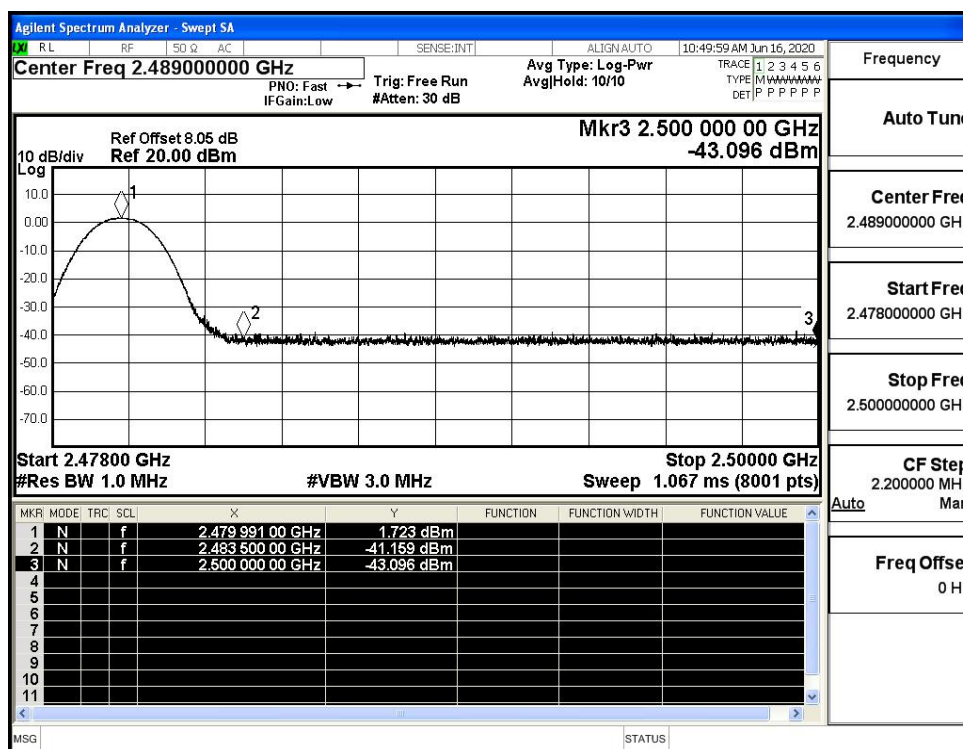
## Restrict-band band-edge measurements\_Hopping Off\_8DPSK\_PEAK (Low Channel)



## 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)

