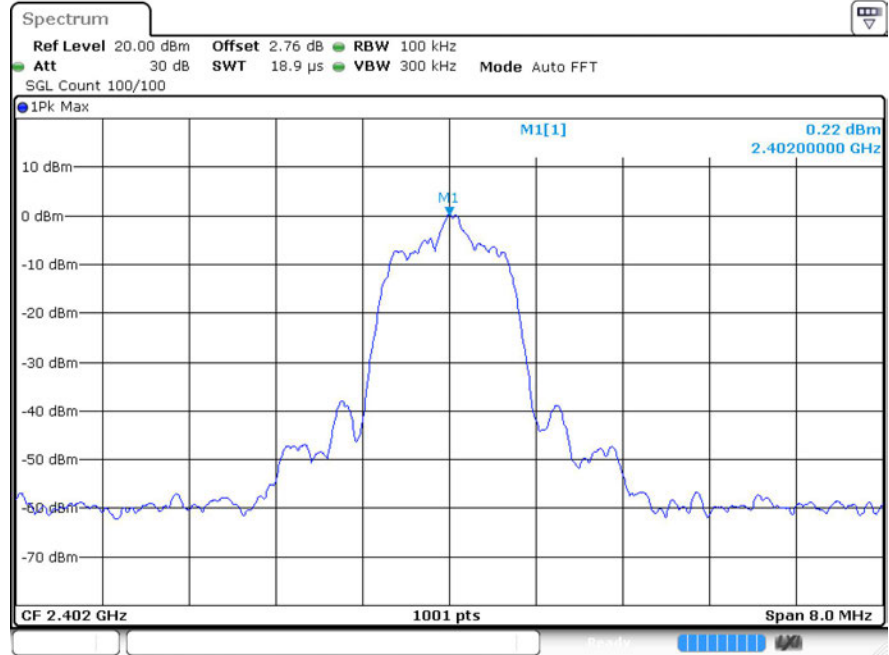
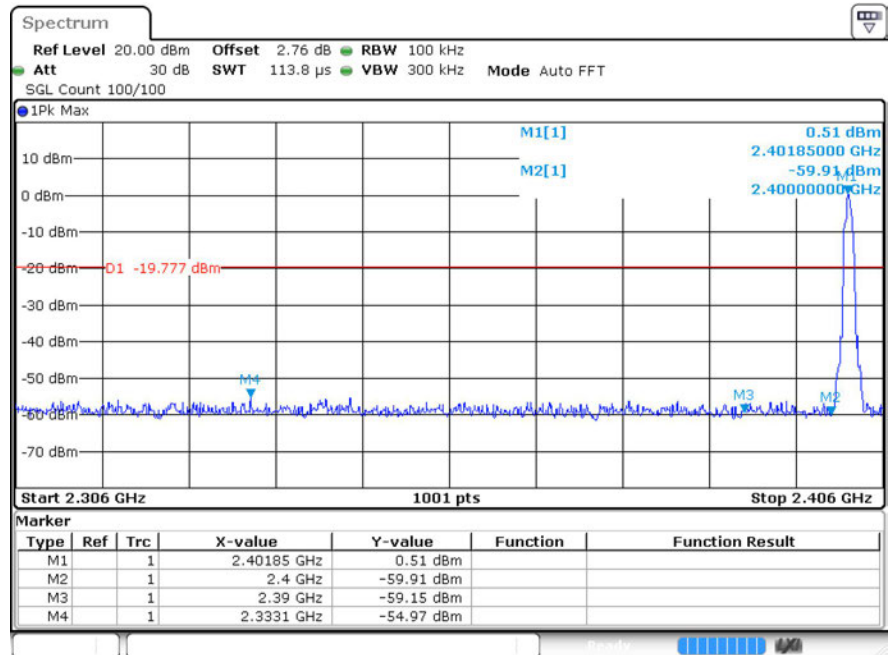
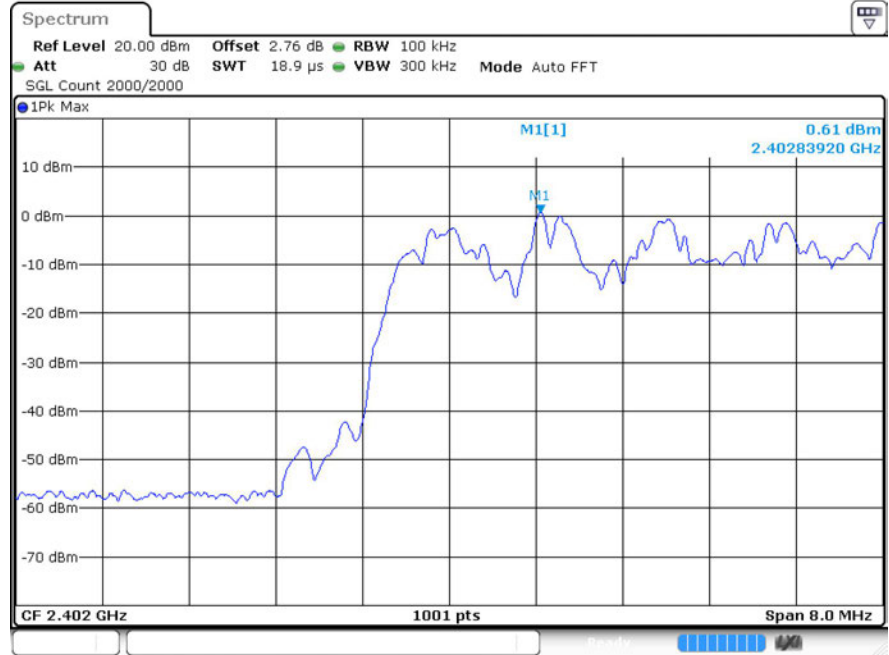
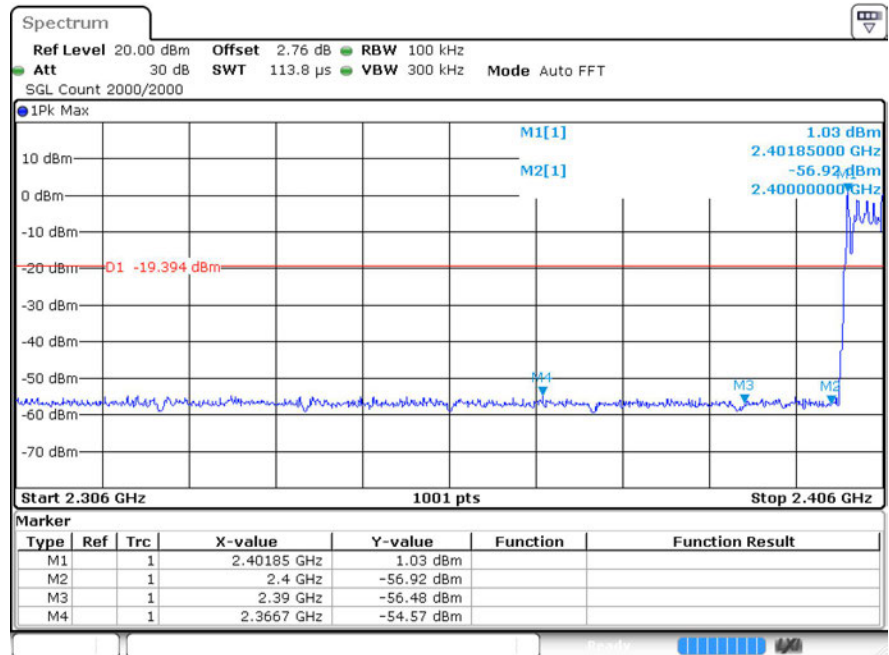


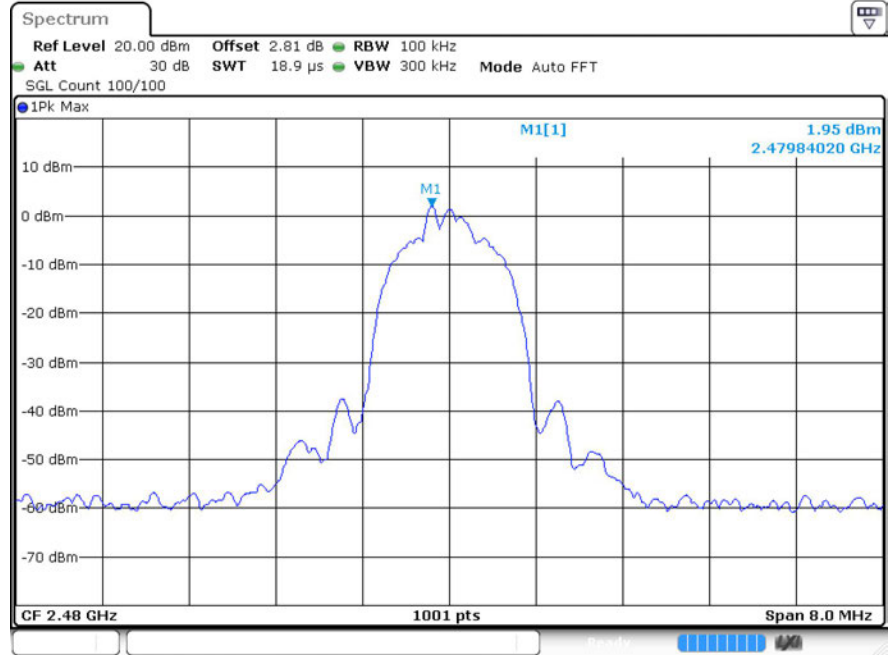
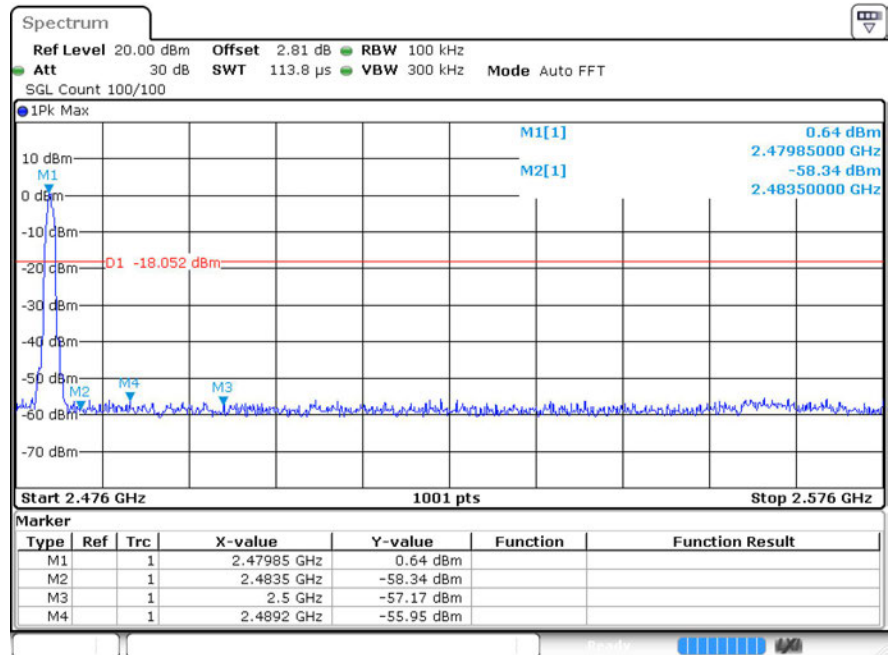
Ref


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


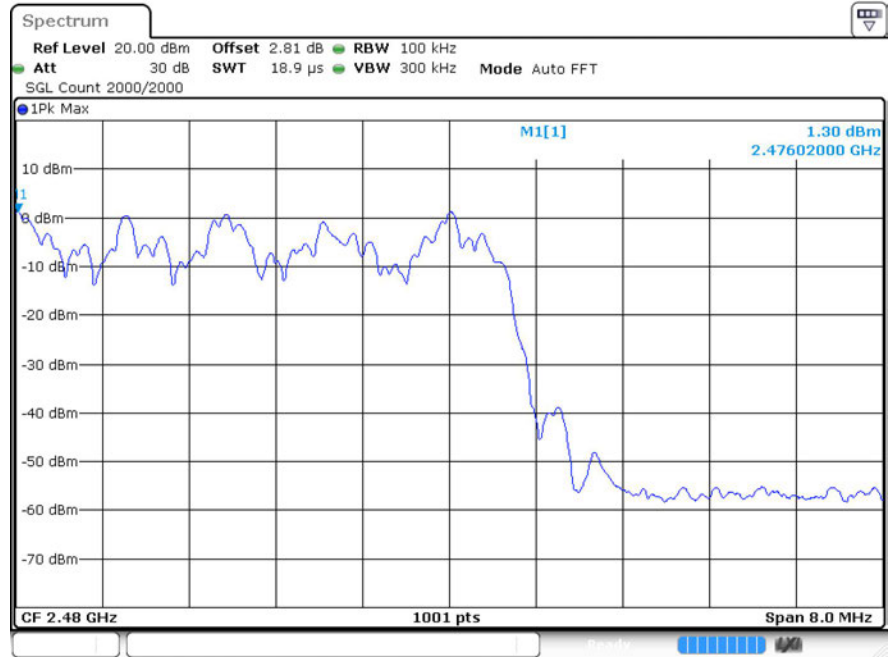
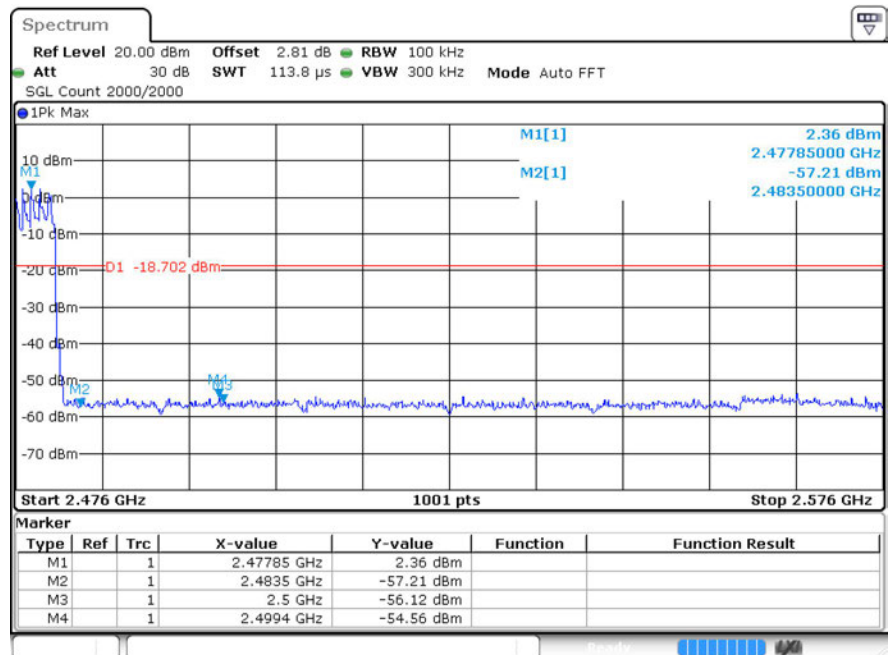
Ref


 $\pi/4$ DQPSK/LCH/Hop


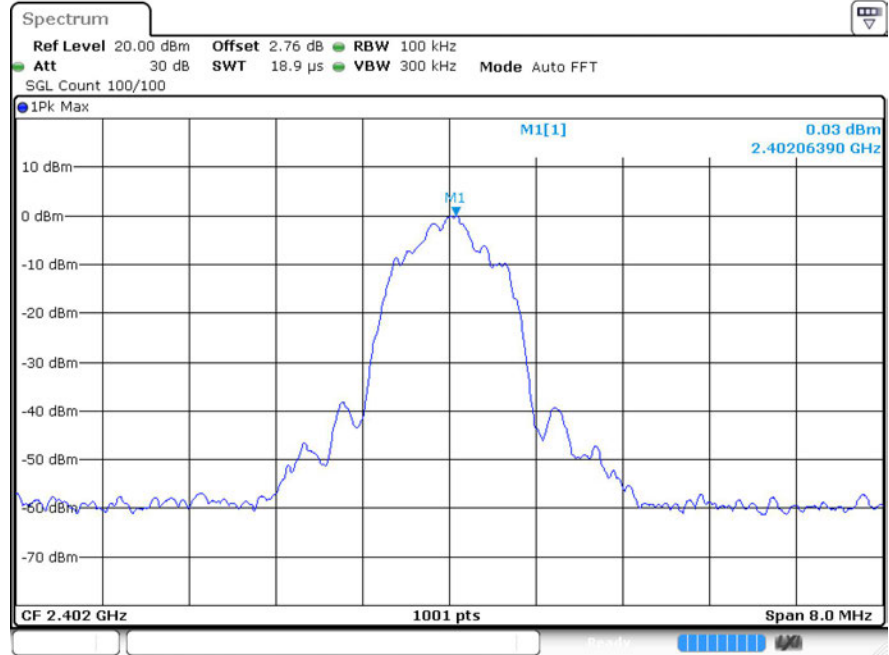
Ref


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


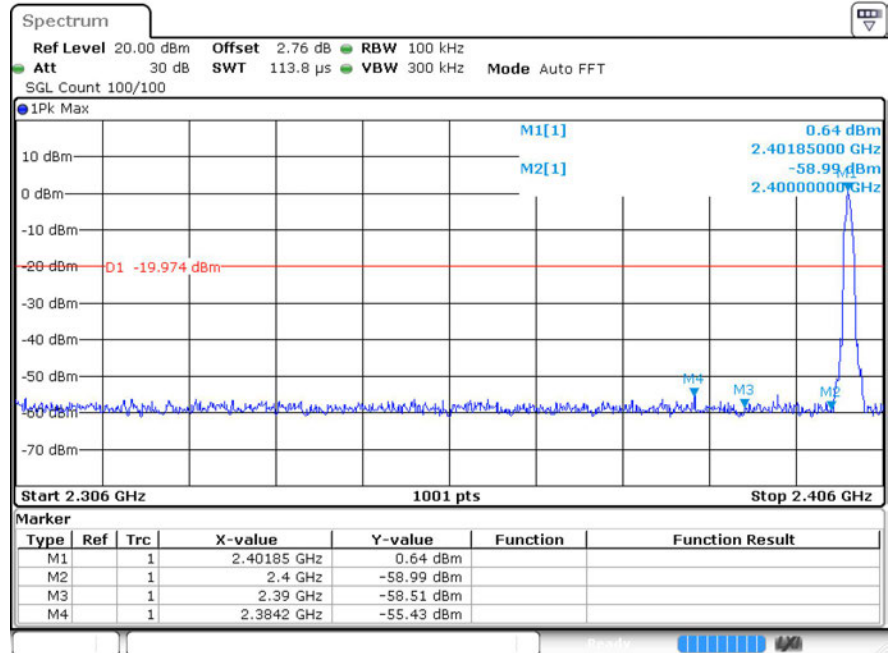
Ref


 $\pi/4$ DQPSK/HCH/Hop


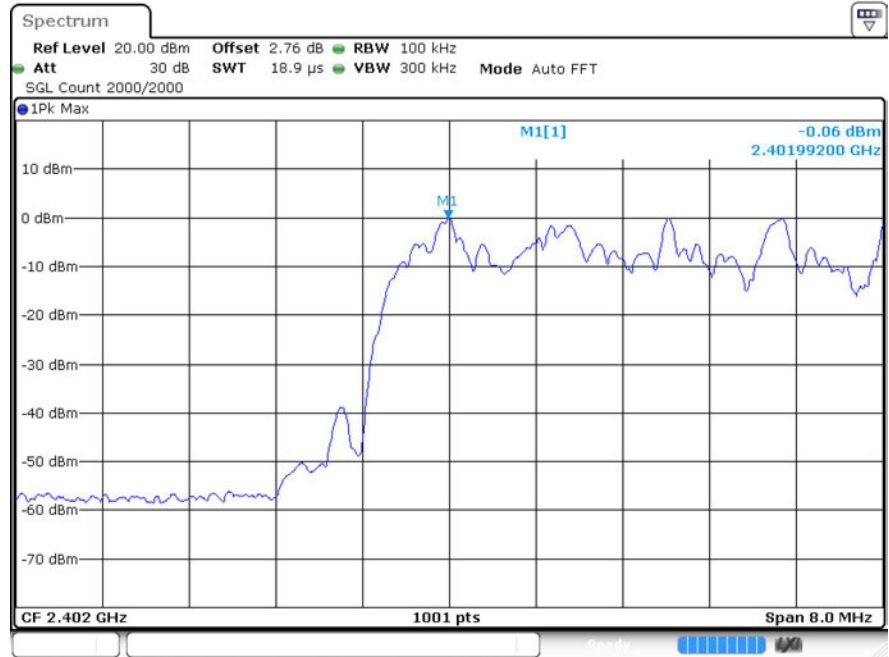
Ref



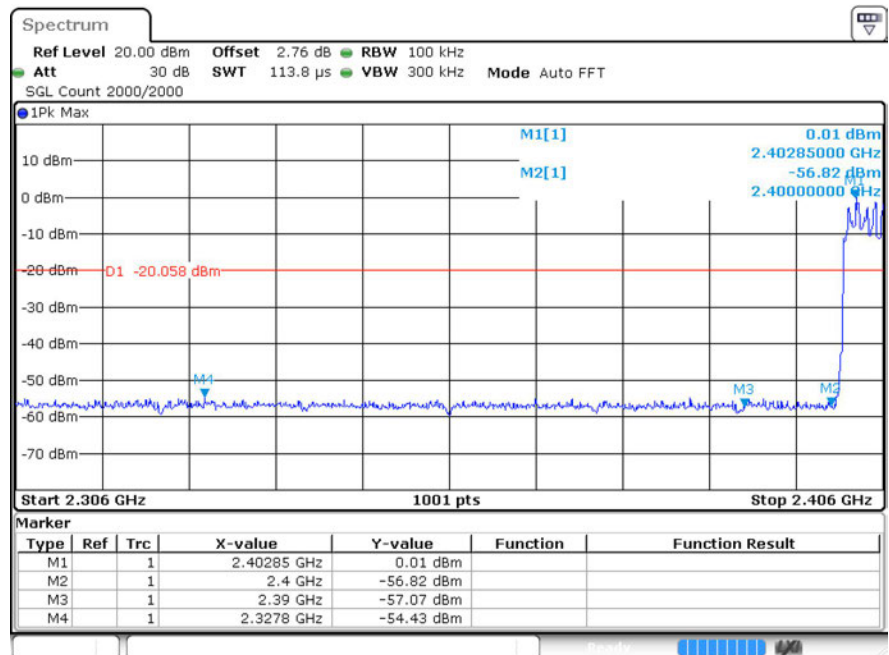
8DPSK/LCH/No Hop



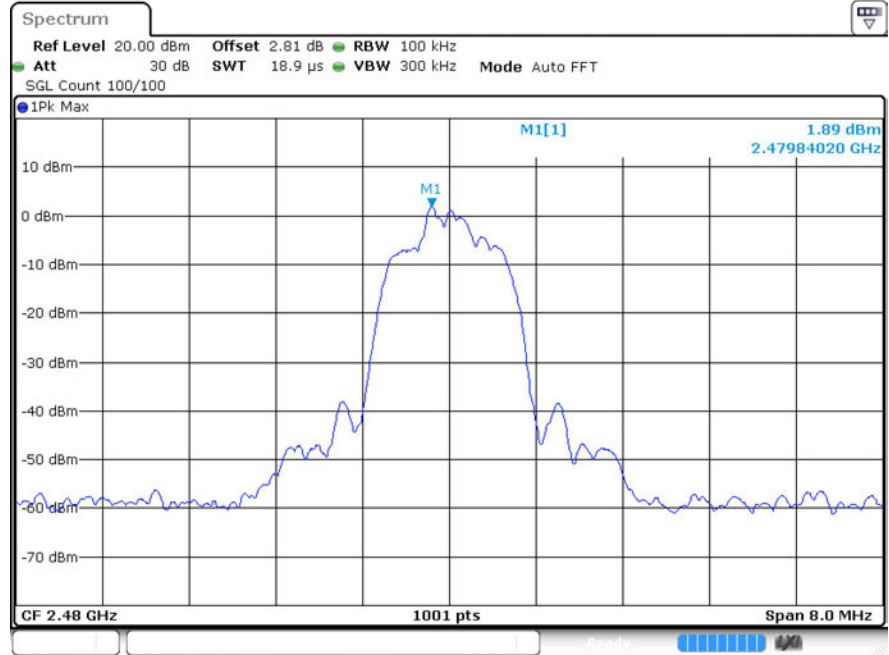
Ref



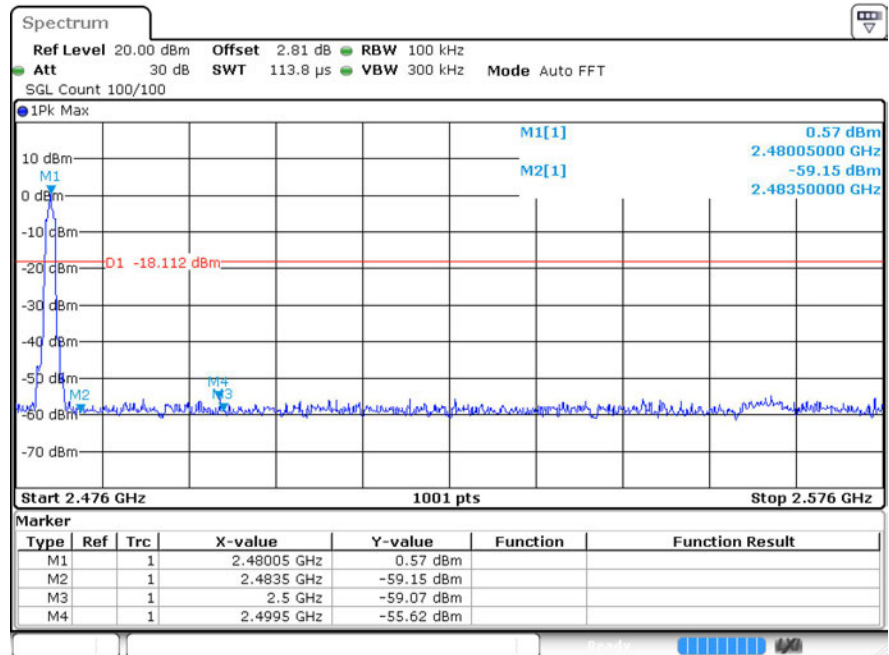
8DPSK/LCH/Hop



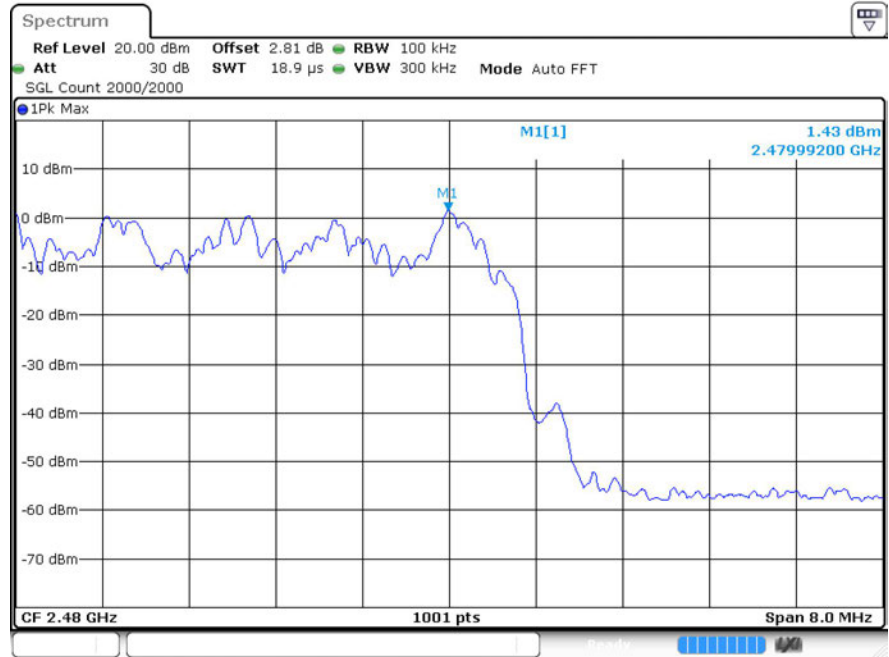
Ref



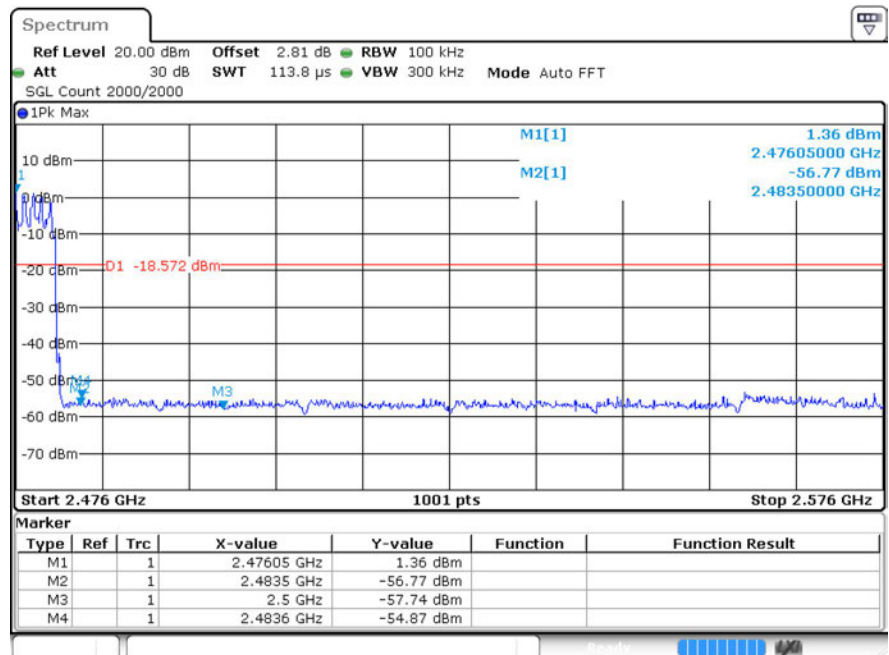
8DPSK/HCH/No Hop



Ref



8DPSK/HCH/Hop





## 9 Restrict-band band-edge measurements

### 9.1 Test Result

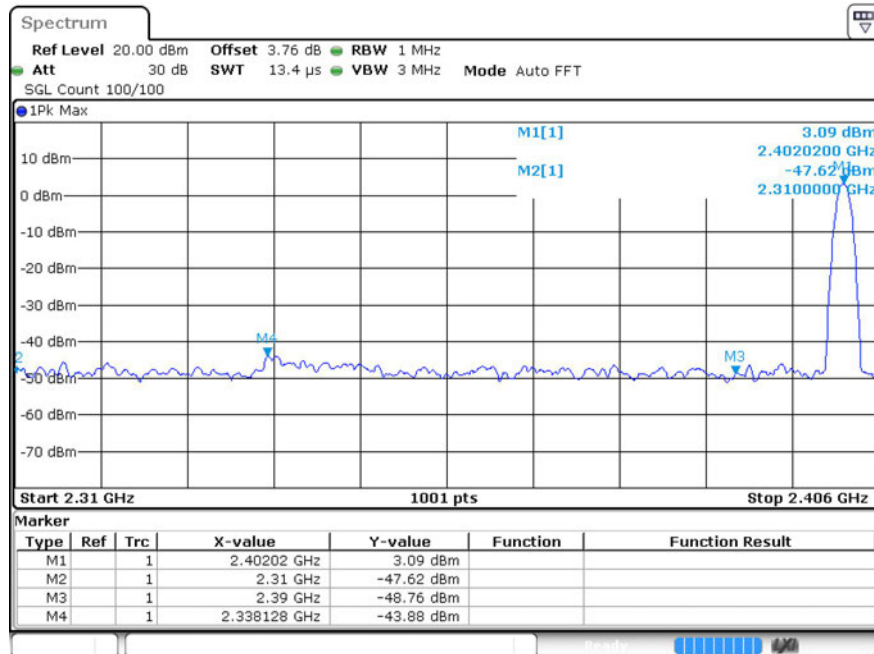
| Test Mode     | Hopping | Freq.    | Power [dBm] | Gain | E [dBuV/m] | Detector | Limit [dBuV/m] | Verdict |
|---------------|---------|----------|-------------|------|------------|----------|----------------|---------|
| GFSK          | Off     | 2310.0   | -47.62      | 2    | 49.64      | PEAK     | 74             | Pass    |
|               | Off     | 2310.0   | -56.62      | 2    | 40.64      | AV       | 54             | Pass    |
|               | Off     | 2338.128 | -43.88      | 2    | 53.38      | PEAK     | 74             | Pass    |
|               | Off     | 2338.128 | -54.11      | 2    | 43.15      | AV       | 54             | Pass    |
|               | Off     | 2390.0   | -48.76      | 2    | 48.5       | PEAK     | 74             | Pass    |
|               | Off     | 2390.0   | -57.05      | 2    | 40.21      | AV       | 54             | Pass    |
|               | Off     | 2483.5   | -45.05      | 2    | 52.21      | PEAK     | 74             | Pass    |
|               | Off     | 2483.5   | -56.03      | 2    | 41.23      | AV       | 54             | Pass    |
|               | Off     | 2484.88  | -45.03      | 2    | 52.23      | PEAK     | 74             | Pass    |
|               | Off     | 2484.256 | -55.71      | 2    | 41.55      | AV       | 54             | Pass    |
|               | Off     | 2500.0   | -48.3       | 2    | 48.96      | PEAK     | 74             | Pass    |
|               | Off     | 2500.0   | -56.49      | 2    | 40.77      | AV       | 54             | Pass    |
| $\pi/4$ DQPSK | Off     | 2310.0   | -46         | 2    | 51.26      | PEAK     | 74             | Pass    |
|               | Off     | 2310.0   | -55.99      | 2    | 41.27      | AV       | 54             | Pass    |
|               | Off     | 2338.032 | -45.6       | 2    | 51.66      | PEAK     | 74             | Pass    |
|               | Off     | 2338.992 | -54.26      | 2    | 43         | AV       | 54             | Pass    |
|               | Off     | 2390.0   | -49.16      | 2    | 48.1       | PEAK     | 74             | Pass    |
|               | Off     | 2390.0   | -56.48      | 2    | 40.78      | AV       | 54             | Pass    |
|               | Off     | 2483.5   | -48.24      | 2    | 49.02      | PEAK     | 74             | Pass    |
|               | Off     | 2483.5   | -56.15      | 2    | 41.11      | AV       | 54             | Pass    |
|               | Off     | 2484.472 | -46.16      | 2    | 51.1       | PEAK     | 74             | Pass    |
|               | Off     | 2493.064 | -56         | 2    | 41.26      | AV       | 54             | Pass    |
|               | Off     | 2500.0   | -48.42      | 2    | 48.84      | PEAK     | 74             | Pass    |
|               | Off     | 2500.0   | -56.25      | 2    | 41.01      | AV       | 54             | Pass    |
| 8DPSK         | Off     | 2310.0   | -48         | 2    | 49.26      | PEAK     | 74             | Pass    |
|               | Off     | 2310.0   | -56.14      | 2    | 41.12      | AV       | 54             | Pass    |
|               | Off     | 2386.992 | -45.04      | 2    | 52.22      | PEAK     | 74             | Pass    |
|               | Off     | 2340.432 | -54.17      | 2    | 43.09      | AV       | 54             | Pass    |



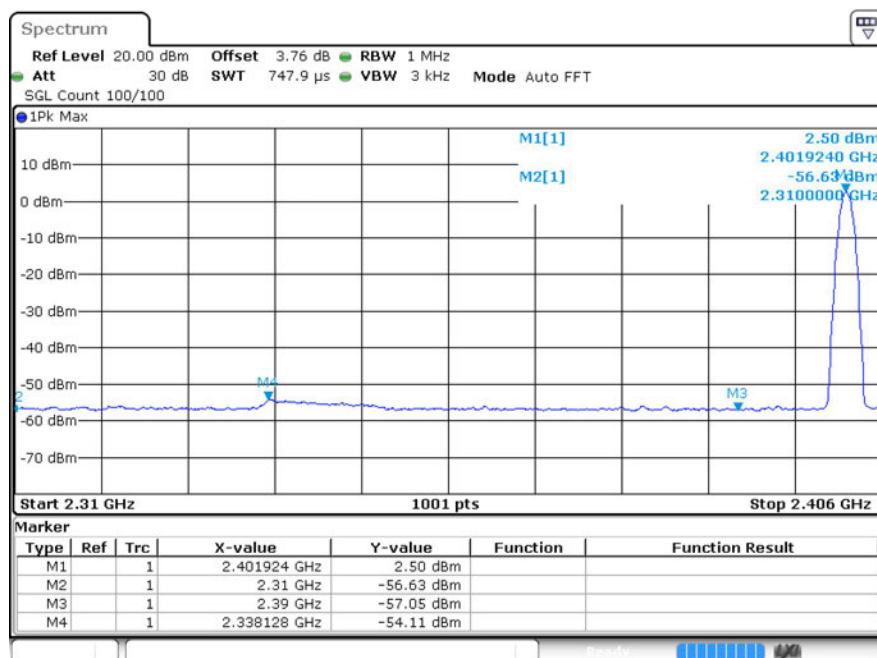
|  |     |          |        |   |       |      |    |      |
|--|-----|----------|--------|---|-------|------|----|------|
|  | Off | 2390.0   | -46.79 | 2 | 50.47 | PEAK | 74 | Pass |
|  | Off | 2390.0   | -57.09 | 2 | 40.17 | AV   | 54 | Pass |
|  | Off | 2483.5   | -48.92 | 2 | 48.34 | PEAK | 74 | Pass |
|  | Off | 2483.5   | -55.98 | 2 | 41.28 | AV   | 54 | Pass |
|  | Off | 2490.328 | -46.26 | 2 | 51    | PEAK | 74 | Pass |
|  | Off | 2493.28  | -55.66 | 2 | 41.6  | AV   | 54 | Pass |
|  | Off | 2500.0   | -46.48 | 2 | 50.78 | PEAK | 74 | Pass |
|  | Off | 2500.0   | -55.81 | 2 | 41.45 | AV   | 54 | Pass |

## 9.2 Test Graphs

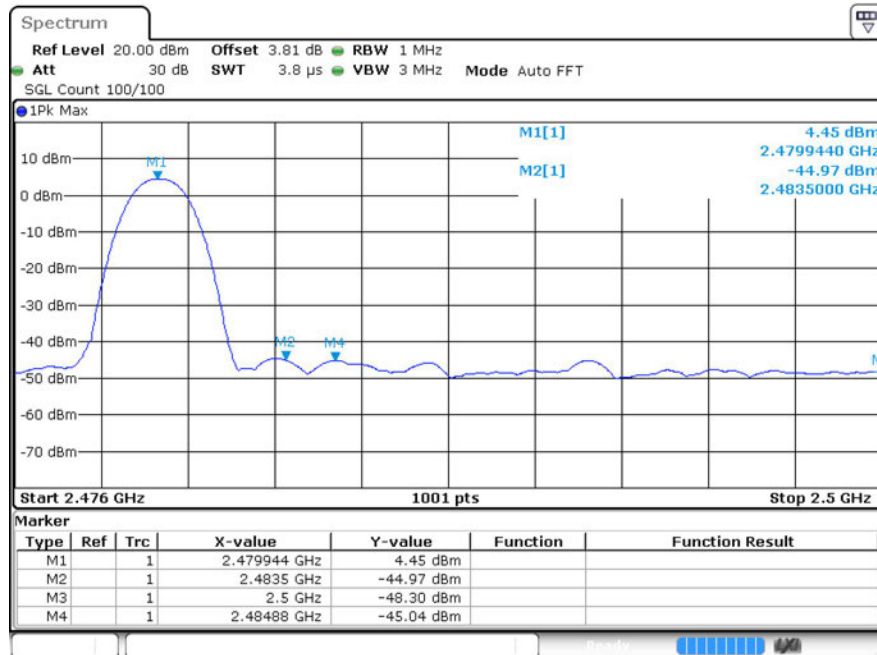
Restrict-band band-edge measurements\_Hopping Off\_ GFSK\_PEAK (Low Channel)



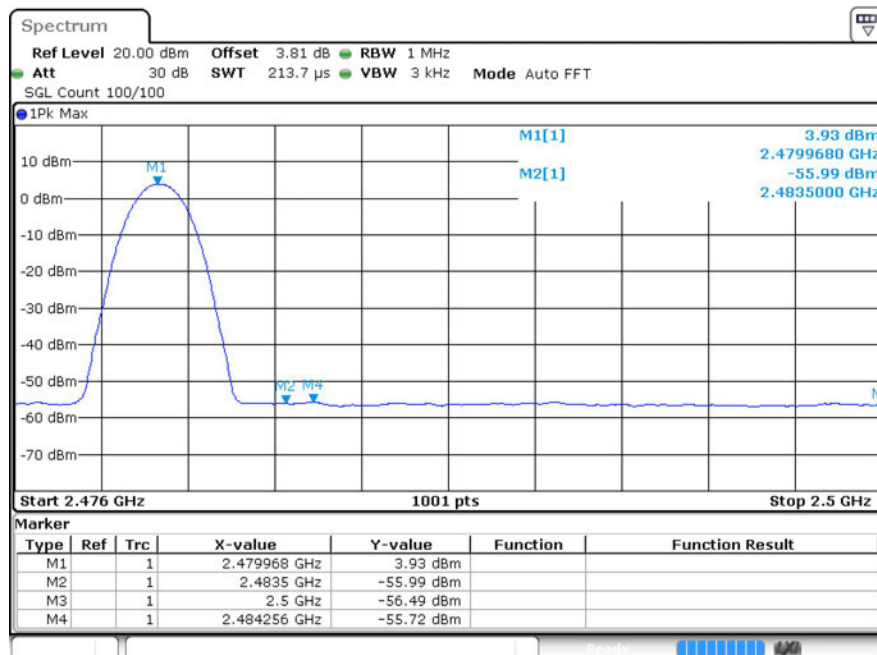
Restrict-band band-edge measurements\_Hopping Off\_ GFSK\_Average (Low Channel)



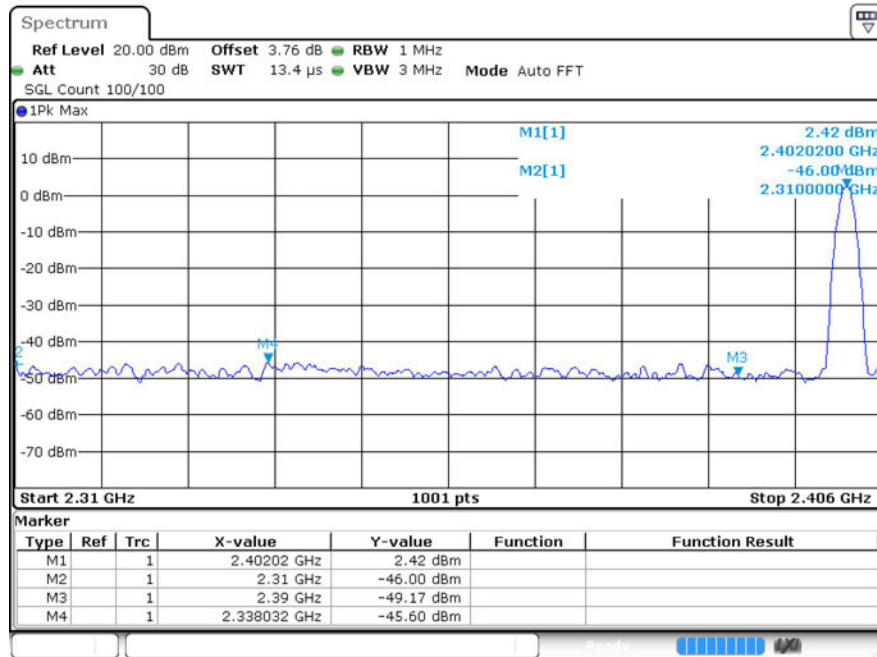
## Restrict-band band-edge measurements\_Hopping Off\_ GFSK\_PEAK (High Channel)



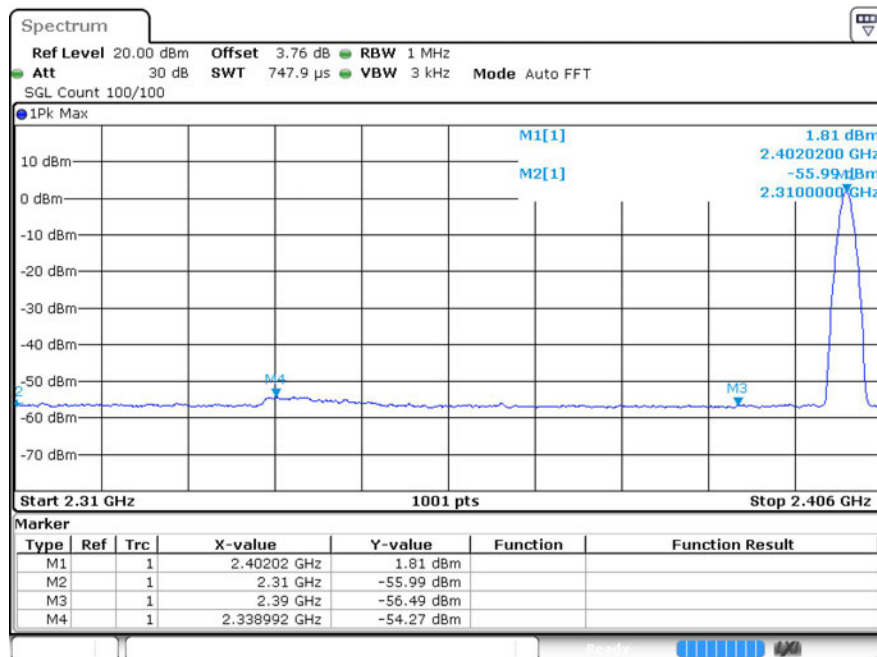
## Restrict-band band-edge measurements\_Hopping Off\_ GFSK\_Average (High Channel)



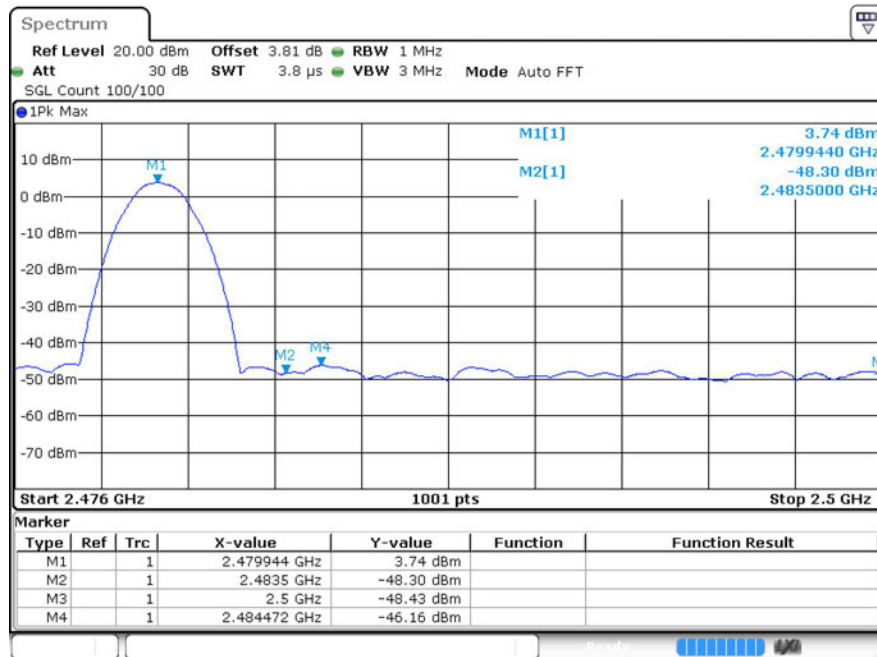
## Restrict-band band-edge measurements\_Hopping Off\_π/4-DQPSK\_PEAK (Low Channel)



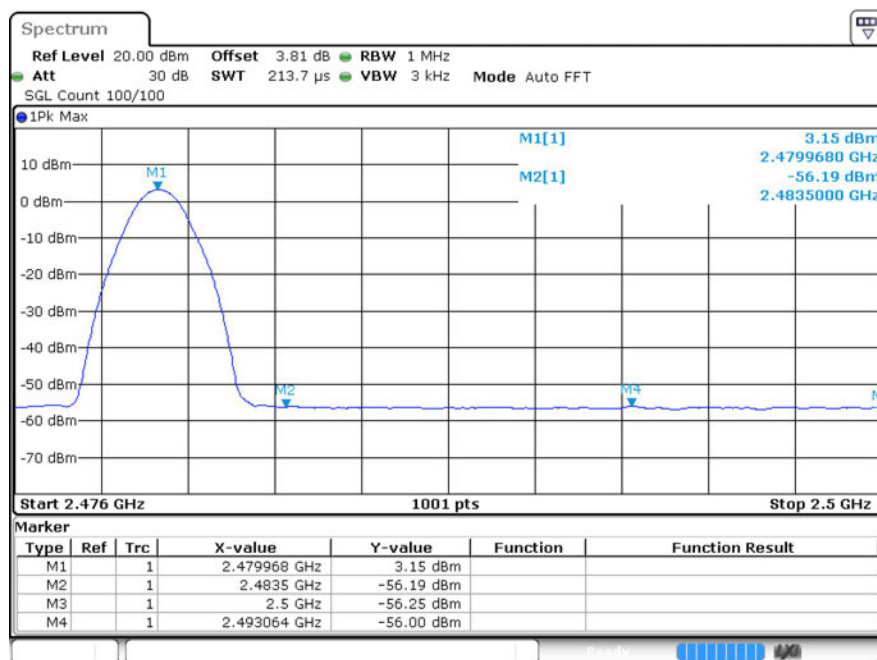
## Restrict-band band-edge measurements\_Hopping Off\_π/4-DQPSK\_Average (Low Channel)



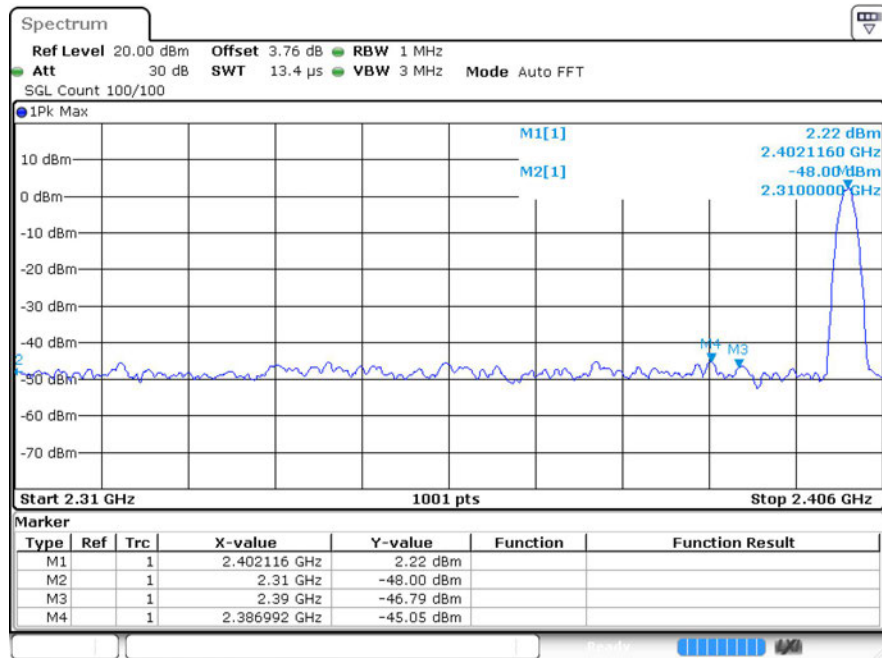
## Restrict-band band-edge measurements\_Hopping Off\_π/4-DQPSK\_PEAK (High Channel)



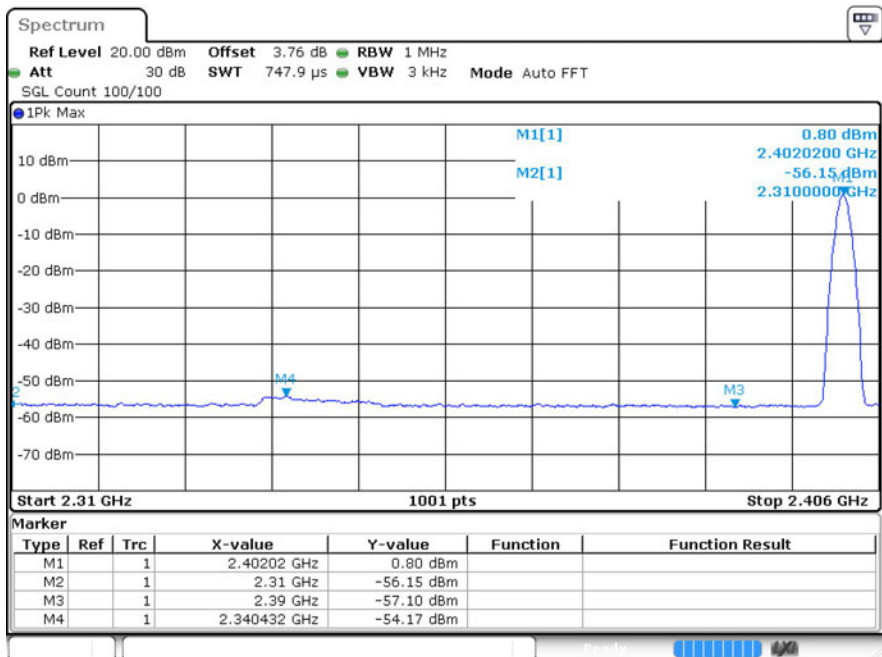
## Restrict-band band-edge measurements\_Hopping Off\_π/4-DQPSK\_Average (High Channel)



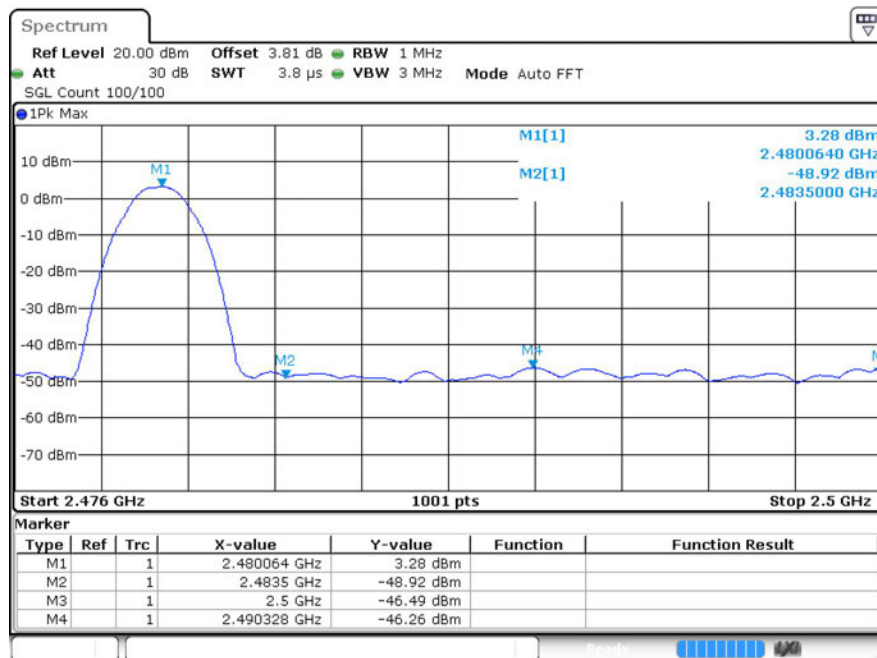
## Restrict-band band-edge measurements\_Hopping Off\_8DPSK\_PEAK (Low Channel)



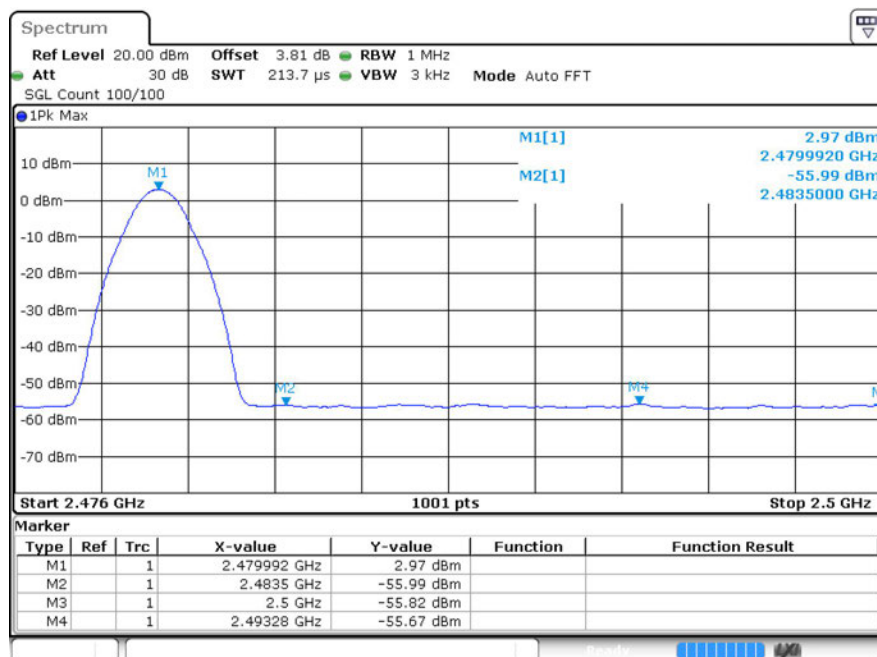
## Restrict-band band-edge measurements\_Hopping Off\_8DPSK\_Average (Low Channel)



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



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



---The End---