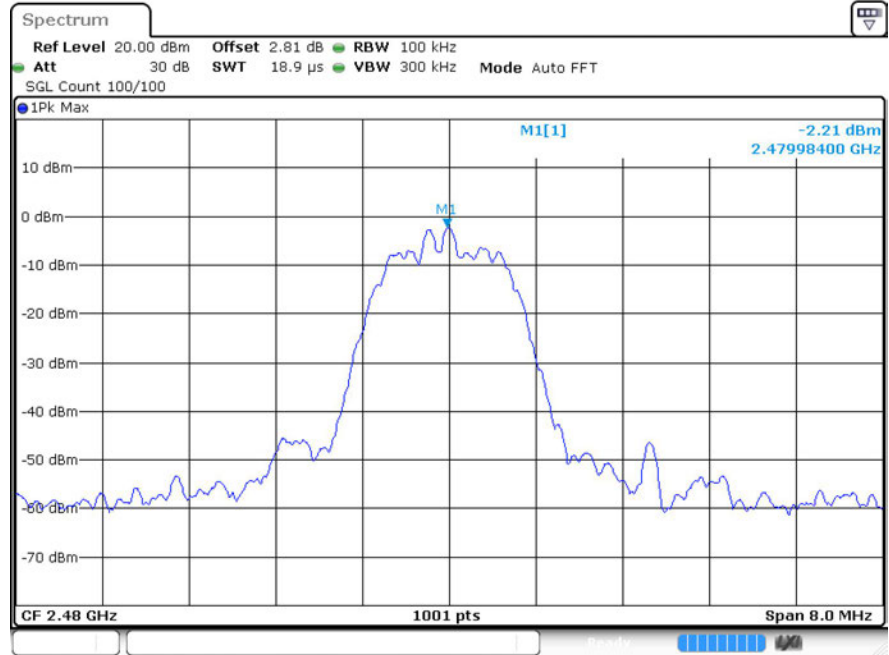
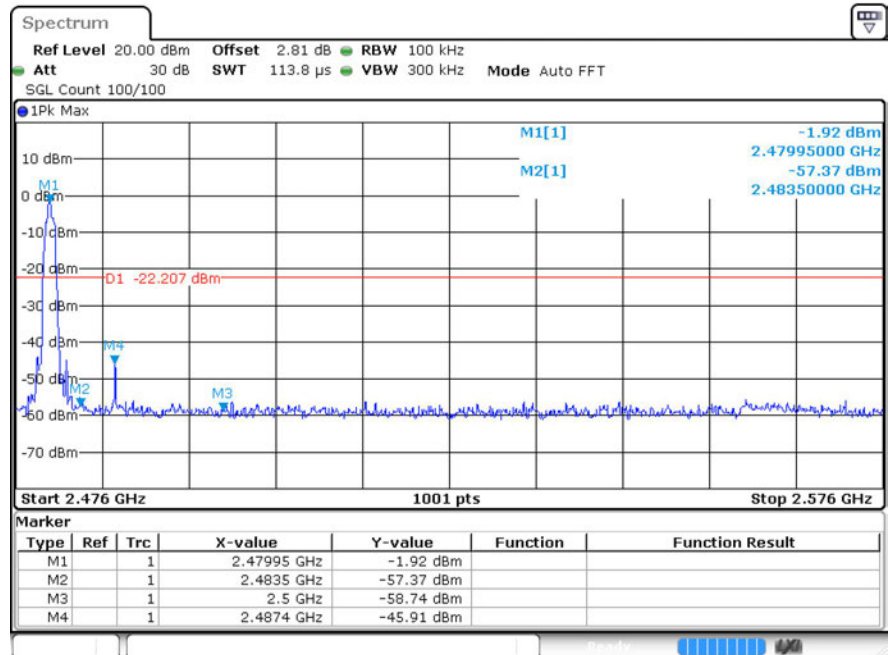
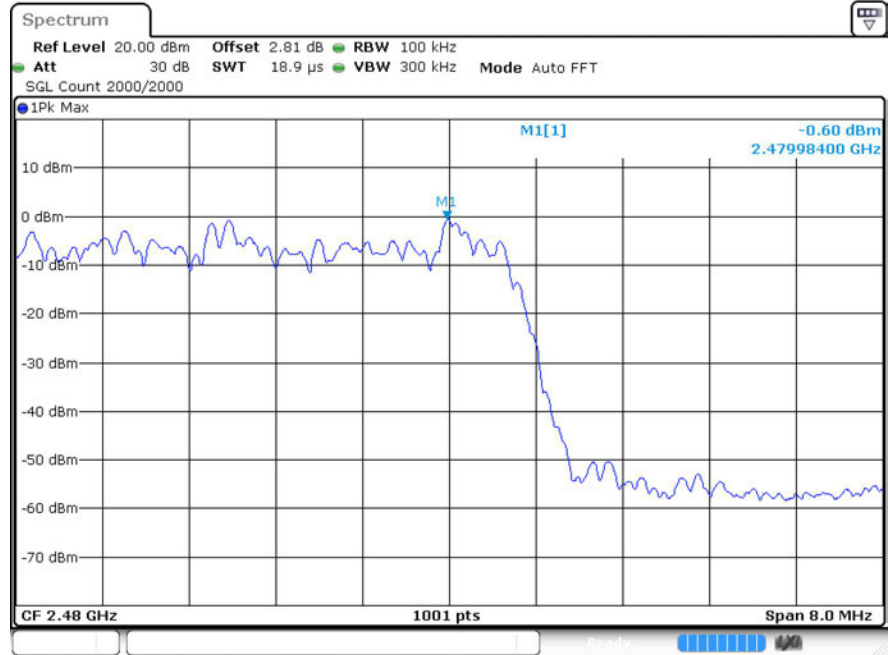
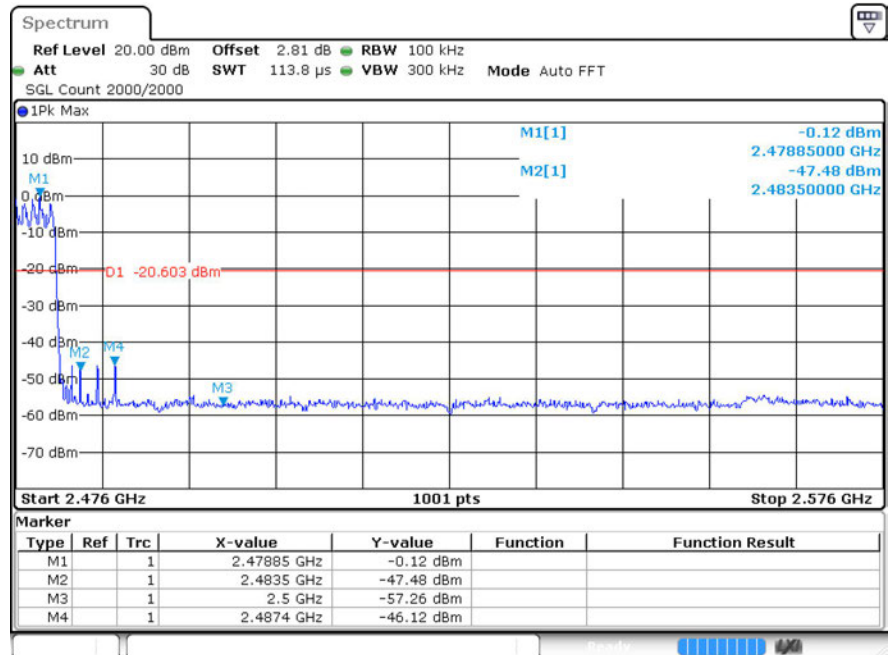


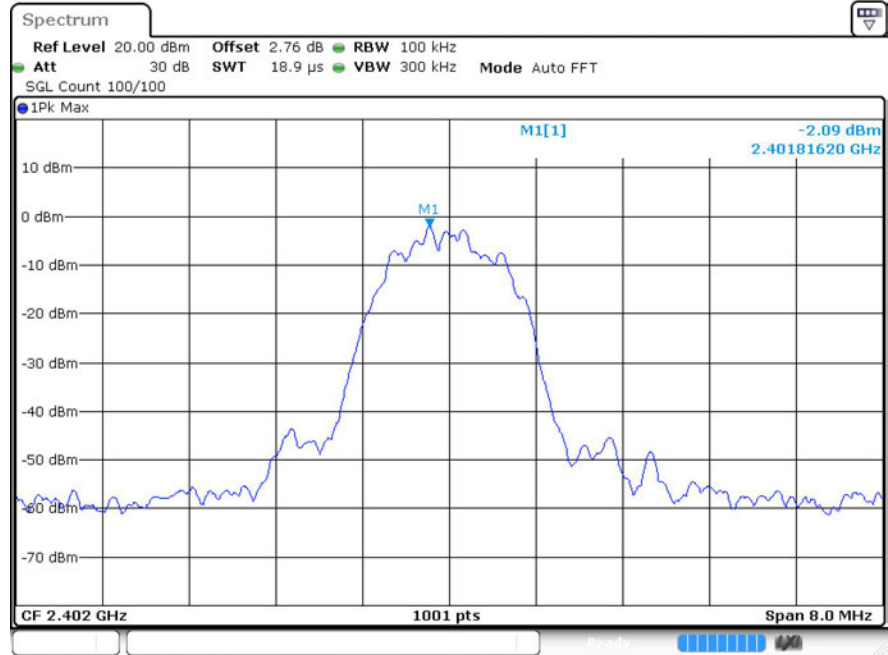
Ref


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


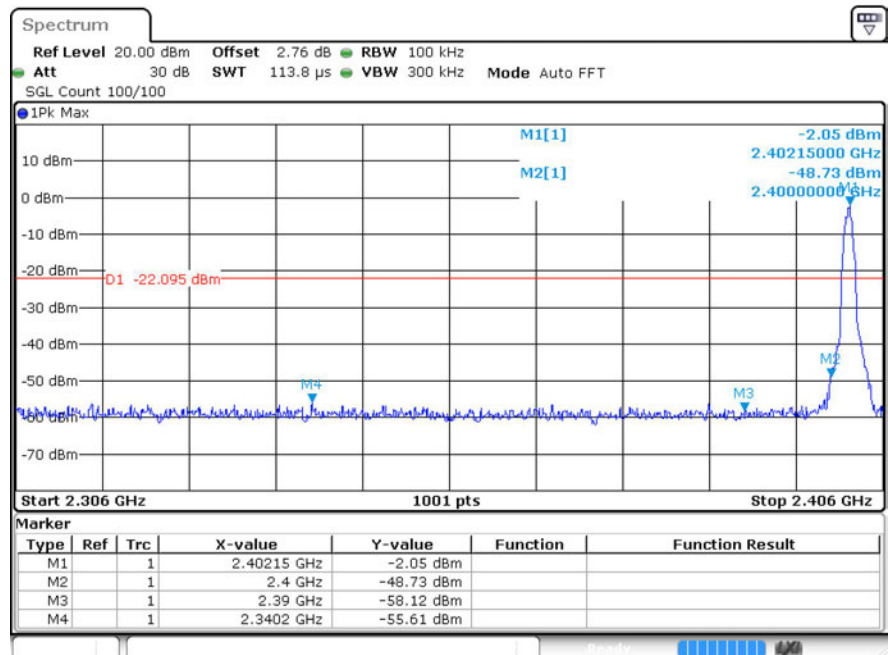
Ref


 $\pi/4$ DQPSK/HCH/Hop


Ref



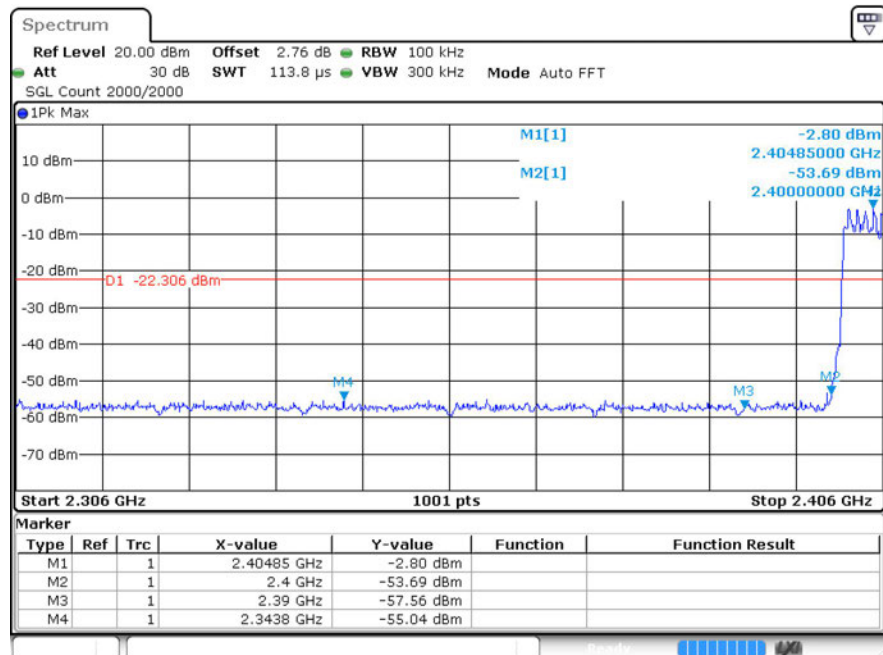
8DPSK/LCH/No Hop



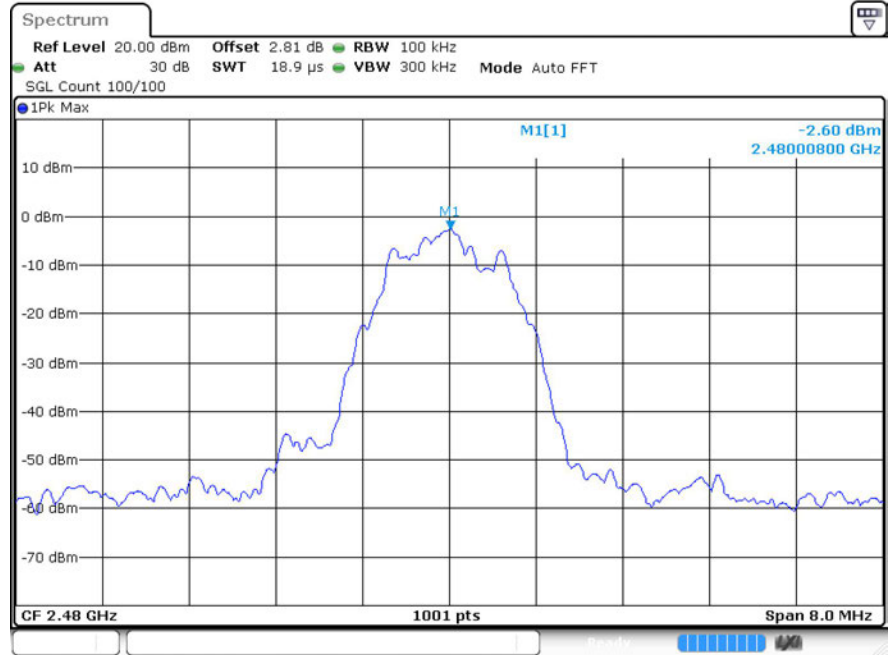
Ref



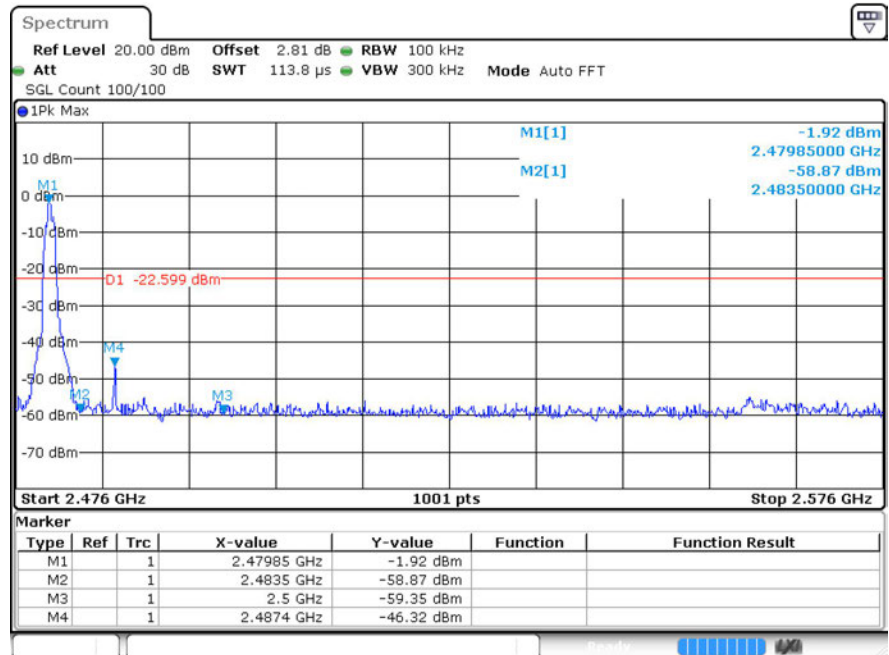
8DPSK/LCH/Hop



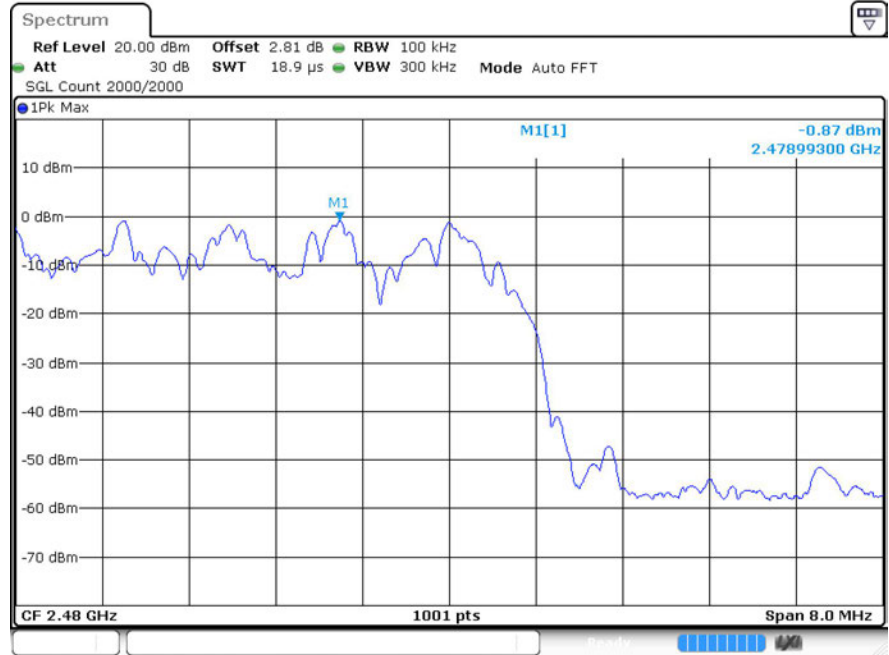
Ref



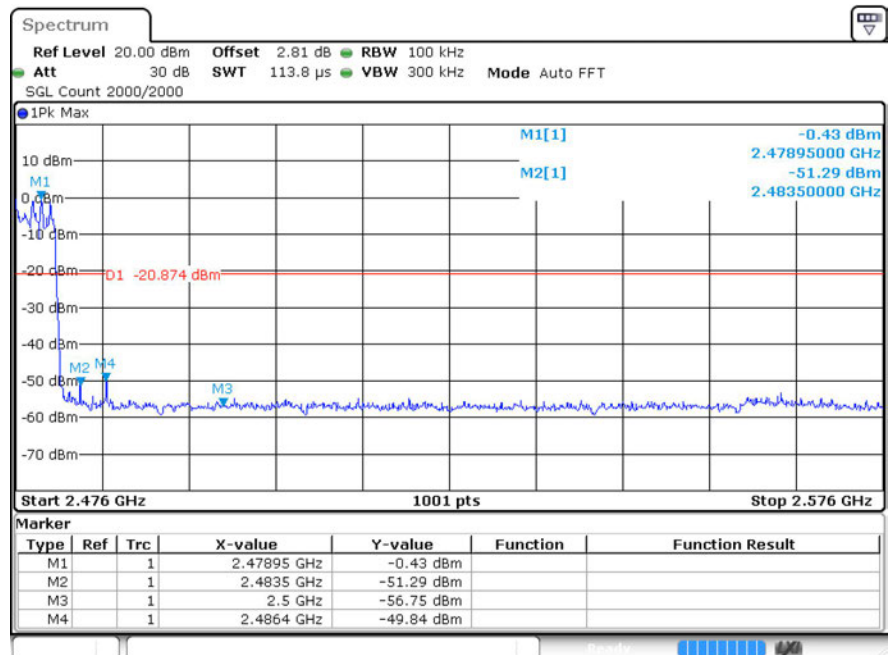
8DPSK/HCH/No Hop



Ref



8DPSK/HCH/Hop



## 9 Restrict-band band-edge measurements

### 9.1 Test Result

| Test Mode     | Hopping | Freq.    | Power [dBm] | Gain | Duty Factor | E [dBuV/m] | Detector | Limit [dBuV/m] | Verdict |
|---------------|---------|----------|-------------|------|-------------|------------|----------|----------------|---------|
| GFSK          | Off     | 2310.0   | -50.57      | 2    | -           | 46.69      | PEAK     | 74             | Pass    |
|               | Off     | 2310.0   | -56.88      | 2    | 5.06        | 45.44      | AV       | 54             | Pass    |
|               | Off     | 2338.896 | -46.09      | 2    | -           | 51.17      | PEAK     | 74             | Pass    |
|               | Off     | 2340.432 | -54.42      | 2    | 5.06        | 47.9       | AV       | 54             | Pass    |
|               | Off     | 2390.0   | -51.33      | 2    | -           | 45.93      | PEAK     | 74             | Pass    |
|               | Off     | 2390.0   | -56.86      | 2    | 5.06        | 45.46      | AV       | 54             | Pass    |
|               | Off     | 2483.5   | -47.35      | 2    | -           | 49.91      | PEAK     | 74             | Pass    |
|               | Off     | 2483.5   | -56         | 2    | 5.06        | 46.32      | AV       | 54             | Pass    |
|               | Off     | 2487.28  | -45.9       | 2    | -           | 51.36      | PEAK     | 74             | Pass    |
|               | Off     | 2485.072 | -54.98      | 2    | 5.06        | 47.34      | AV       | 54             | Pass    |
|               | Off     | 2500.0   | -46.59      | 2    | -           | 50.67      | PEAK     | 74             | Pass    |
|               | Off     | 2500.0   | -57.46      | 2    | 5.06        | 44.86      | AV       | 54             | Pass    |
| $\pi/4$ DQPSK | Off     | 2310.0   | -51.49      | 2    | -           | 45.77      | PEAK     | 74             | Pass    |
|               | Off     | 2310.0   | -56.46      | 2    | 4.95        | 45.75      | AV       | 54             | Pass    |
|               | Off     | 2340.528 | -45.54      | 2    | -           | 51.72      | PEAK     | 74             | Pass    |
|               | Off     | 2338.128 | -54.34      | 2    | 4.95        | 47.87      | AV       | 54             | Pass    |
|               | Off     | 2390.0   | -51.02      | 2    | -           | 46.24      | PEAK     | 74             | Pass    |
|               | Off     | 2390.0   | -57.08      | 2    | 4.95        | 45.13      | AV       | 54             | Pass    |
|               | Off     | 2483.5   | -47.09      | 2    | -           | 50.17      | PEAK     | 74             | Pass    |
|               | Off     | 2483.5   | -55.43      | 2    | 4.95        | 46.78      | AV       | 54             | Pass    |
|               | Off     | 2483.512 | -47.16      | 2    | -           | 50.1       | PEAK     | 74             | Pass    |
|               | Off     | 2483.512 | -55.46      | 2    | 4.95        | 46.75      | AV       | 54             | Pass    |
|               | Off     | 2500.0   | -49.58      | 2    | -           | 47.68      | PEAK     | 74             | Pass    |
|               | Off     | 2500.0   | -56.11      | 2    | 4.95        | 46.1       | AV       | 54             | Pass    |
| 8DPSK         | Off     | 2310.0   | -49.06      | 2    | -           | 48.2       | PEAK     | 74             | Pass    |
|               | Off     | 2310.0   | -56.79      | 2    | 4.95        | 45.42      | AV       | 54             | Pass    |
|               | Off     | 2341.2   | -45.15      | 2    | -           | 52.11      | PEAK     | 74             | Pass    |
|               | Off     | 2338.224 | -54.35      | 2    | 4.95        | 47.86      | AV       | 54             | Pass    |

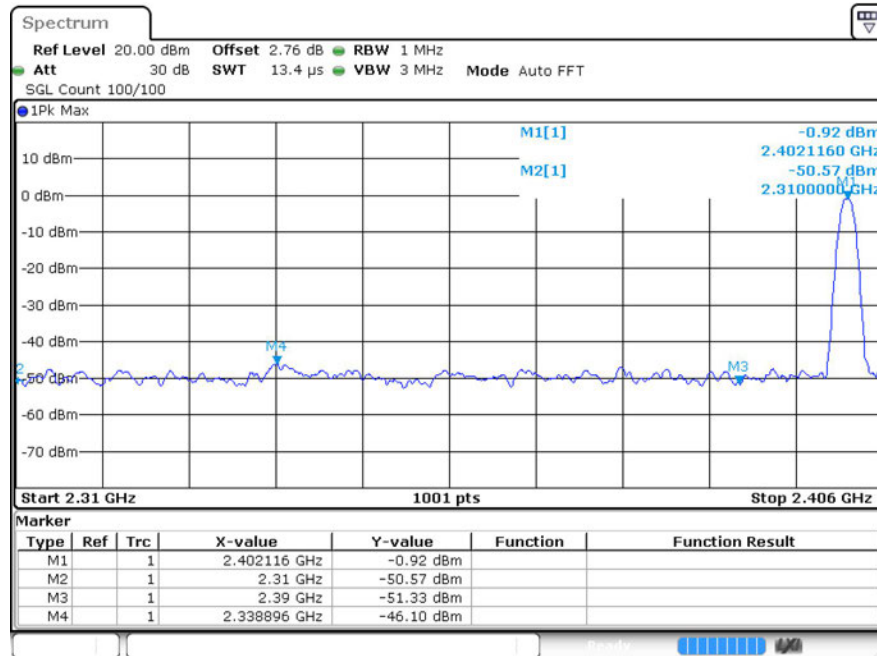


|     |          |        |   |      |       |      |    |      |
|-----|----------|--------|---|------|-------|------|----|------|
| Off | 2390.0   | -48.24 | 2 | -    | 49.02 | PEAK | 74 | Pass |
| Off | 2390.0   | -56.45 | 2 | 4.95 | 45.76 | AV   | 54 | Pass |
| Off | 2483.5   | -48.92 | 2 | -    | 48.34 | PEAK | 74 | Pass |
| Off | 2483.5   | -54.92 | 2 | 4.95 | 47.29 | AV   | 54 | Pass |
| Off | 2487.304 | -44.77 | 2 | -    | 52.49 | PEAK | 74 | Pass |
| Off | 2483.512 | -54.93 | 2 | 4.95 | 47.28 | AV   | 54 | Pass |
| Off | 2500.0   | -49    | 2 | -    | 48.26 | PEAK | 74 | Pass |
| Off | 2500.0   | -56.71 | 2 | 4.95 | 45.5  | AV   | 54 | Pass |

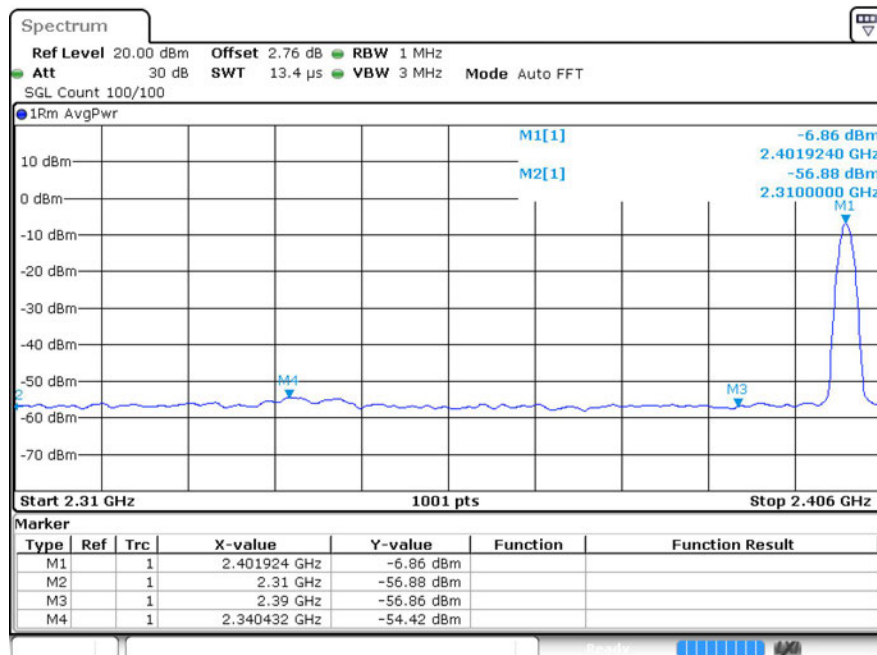


## 9.2 Test Graphs

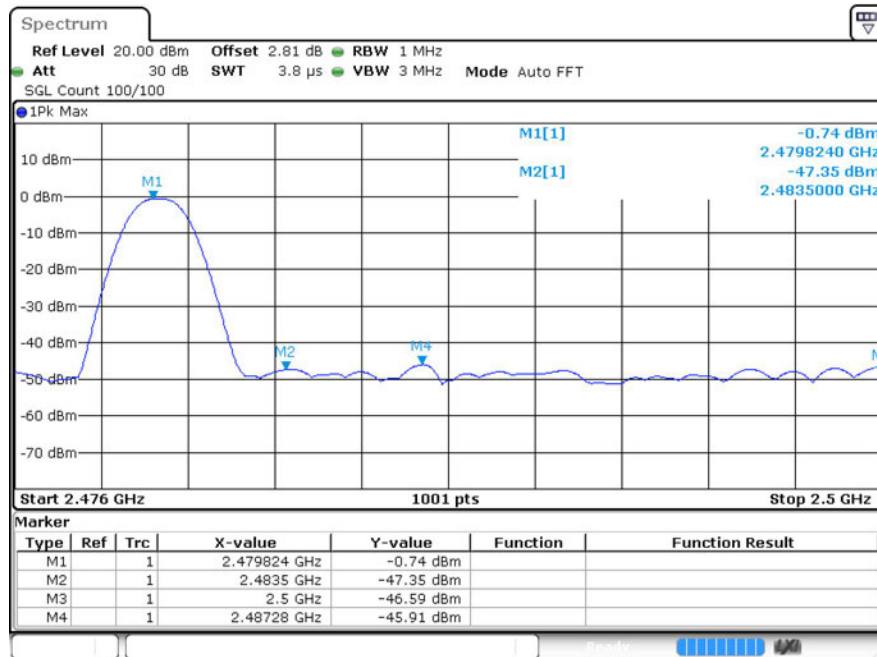
Restrict-band band-edge measurements\_Hopping Off\_ GFSK\_PEAK (Low Channel)



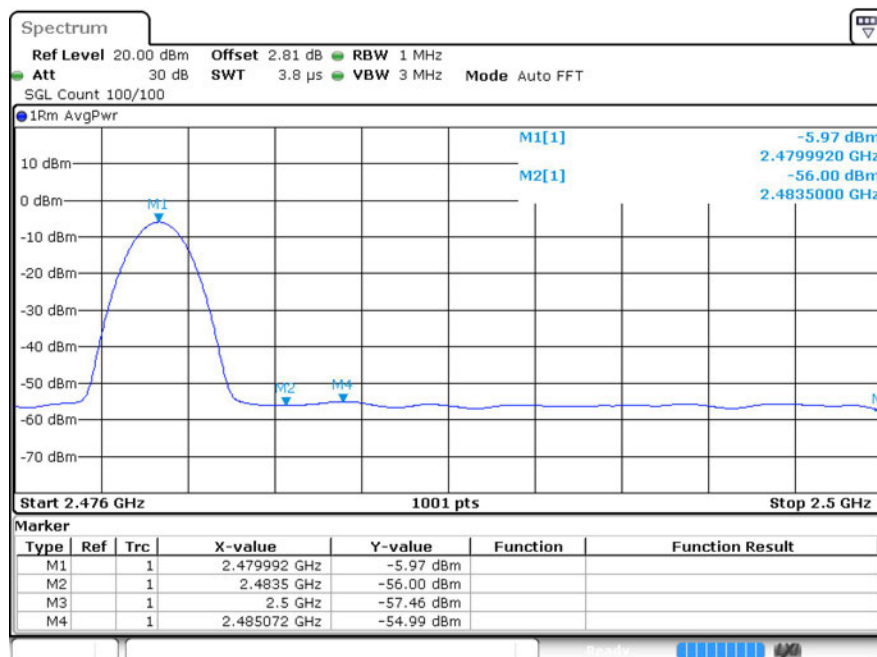
Restrict-band band-edge measurements\_Hopping Off\_ GFSK\_Average (Low Channel)



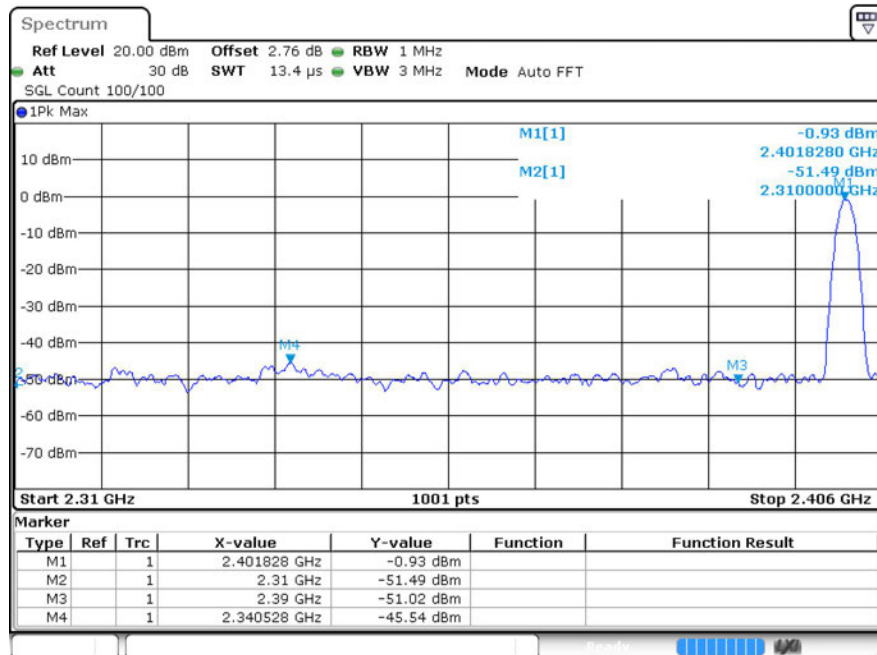
## Restrict-band band-edge measurements\_Hopping Off\_ GFSK\_PEAK (High Channel)



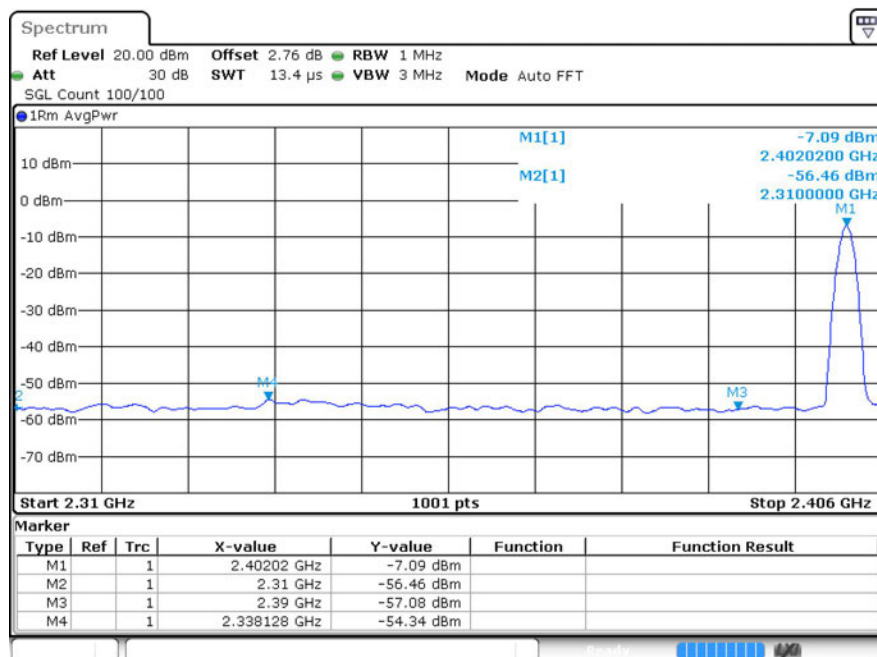
## Restrict-band band-edge measurements\_Hopping Off\_ GFSK\_Average (High Channel)



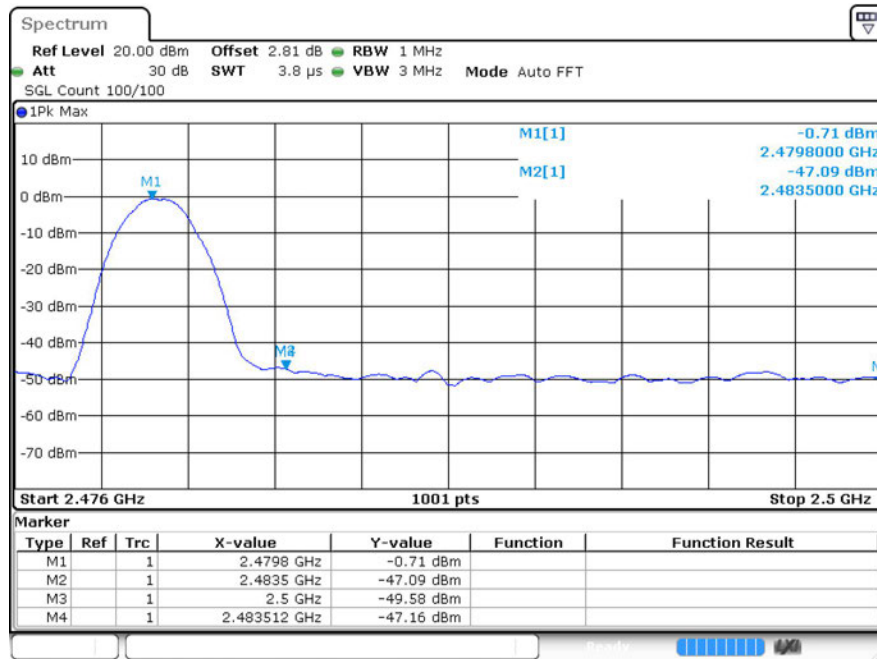
## Restrict-band band-edge measurements\_Hopping Off\_π/4-DQPSK\_PEAK (Low Channel)



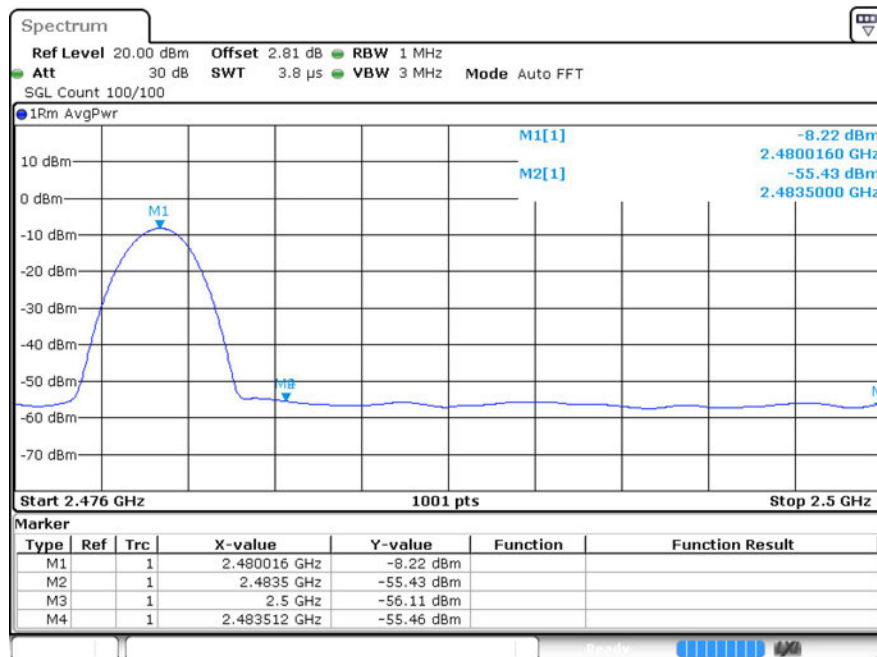
## Restrict-band band-edge measurements\_Hopping Off\_π/4-DQPSK\_Average (Low Channel)



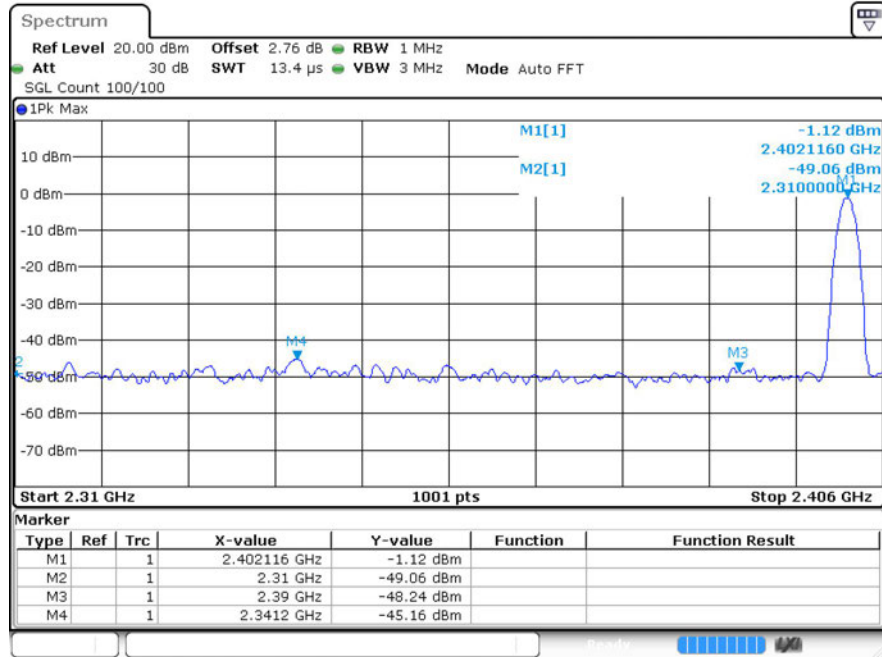
## Restrict-band band-edge measurements\_Hopping Off\_π/4-DQPSK\_PEAK (High Channel)



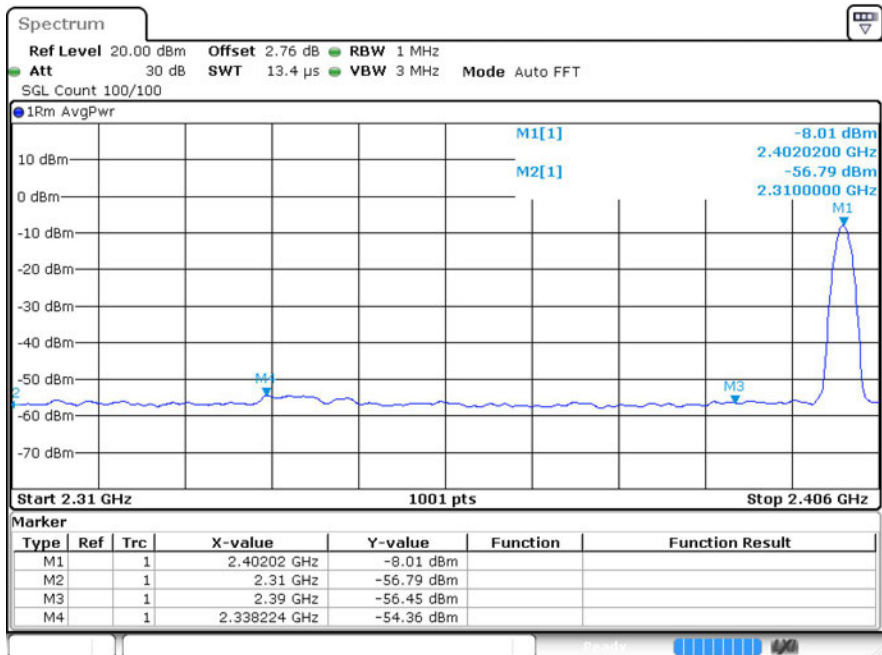
## Restrict-band band-edge measurements\_Hopping Off\_π/4-DQPSK\_Average (High Channel)



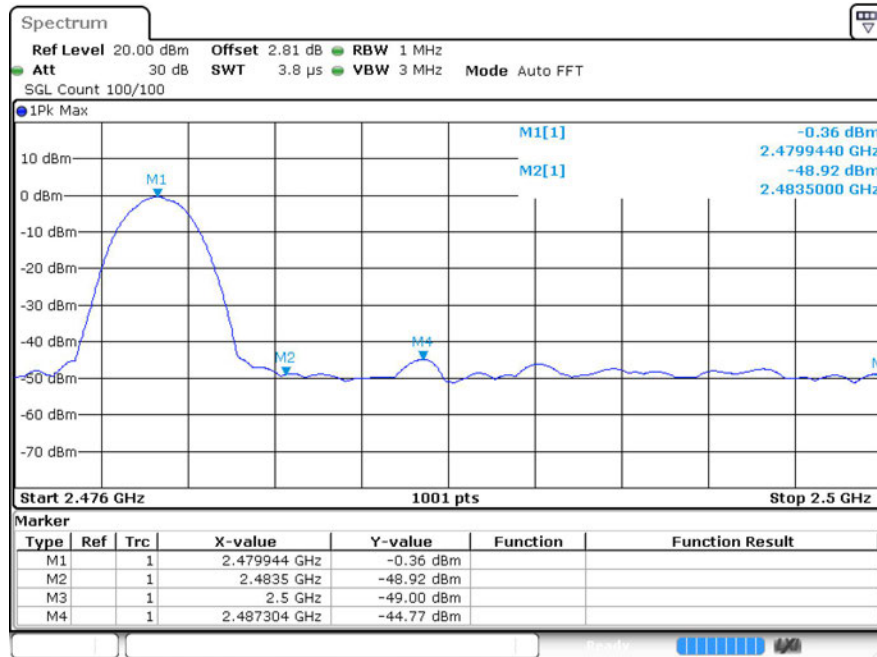
## Restrict-band band-edge measurements\_Hopping Off\_8DPSK\_PEAK (Low Channel)



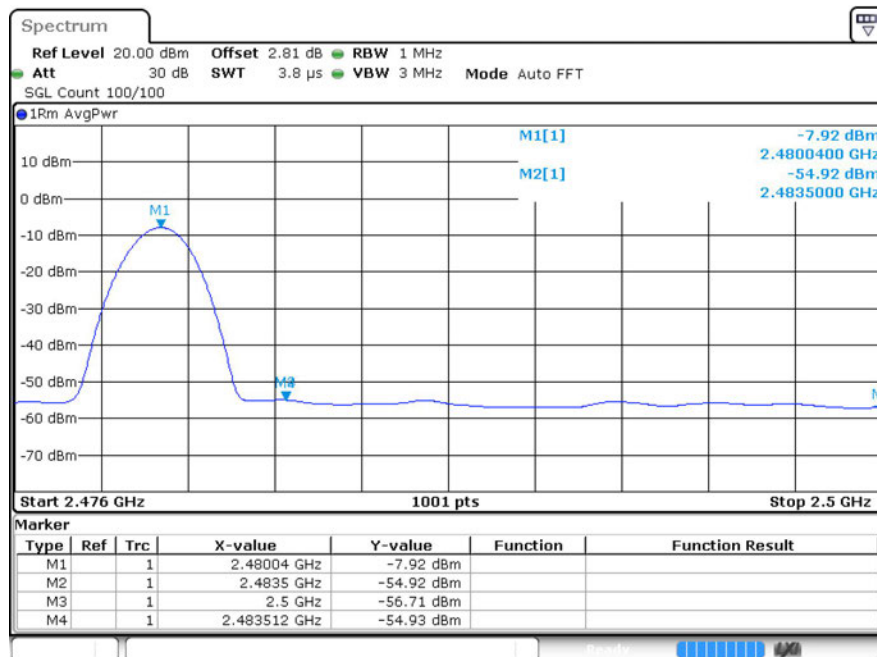
## Restrict-band band-edge measurements\_Hopping Off\_8DPSK\_Average (Low Channel)



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



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



---The End---