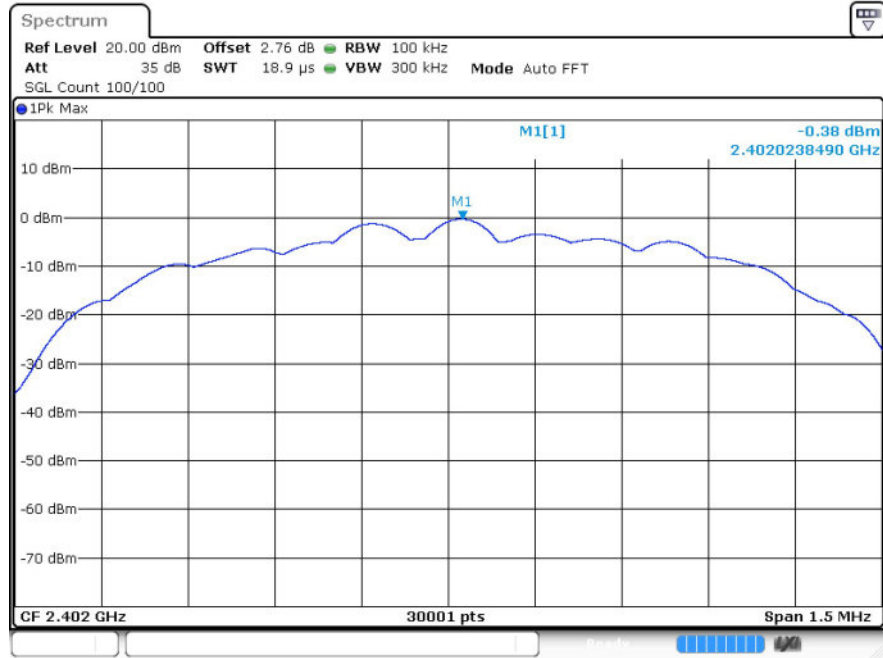
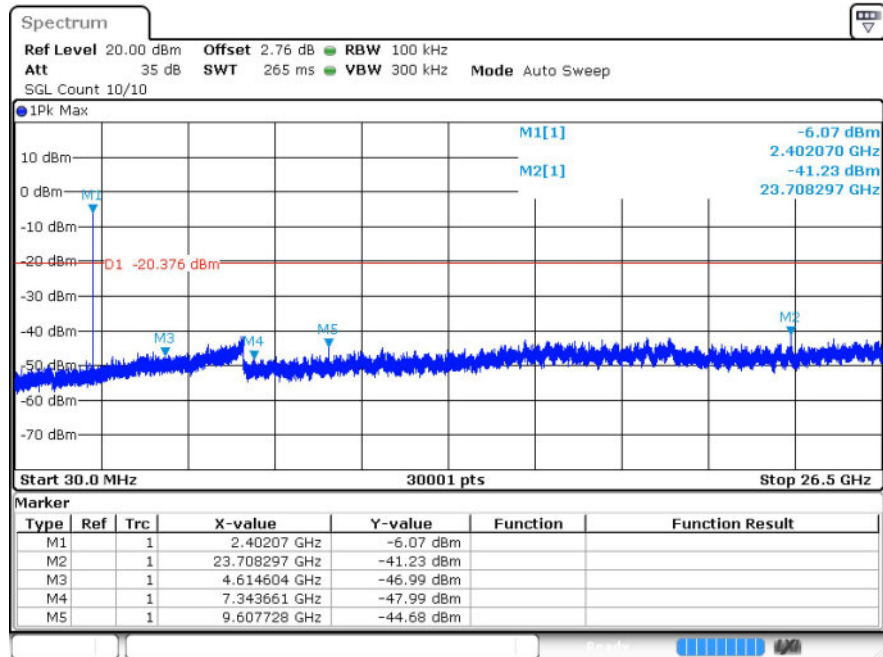


$\pi/4$ DQPSK_LCH_Graphs

Pref

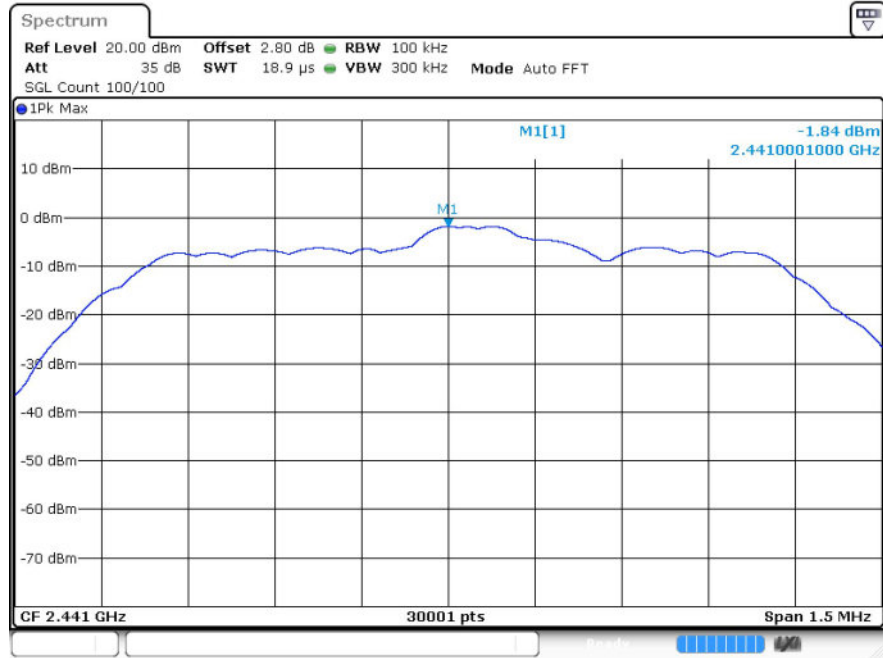


Puw

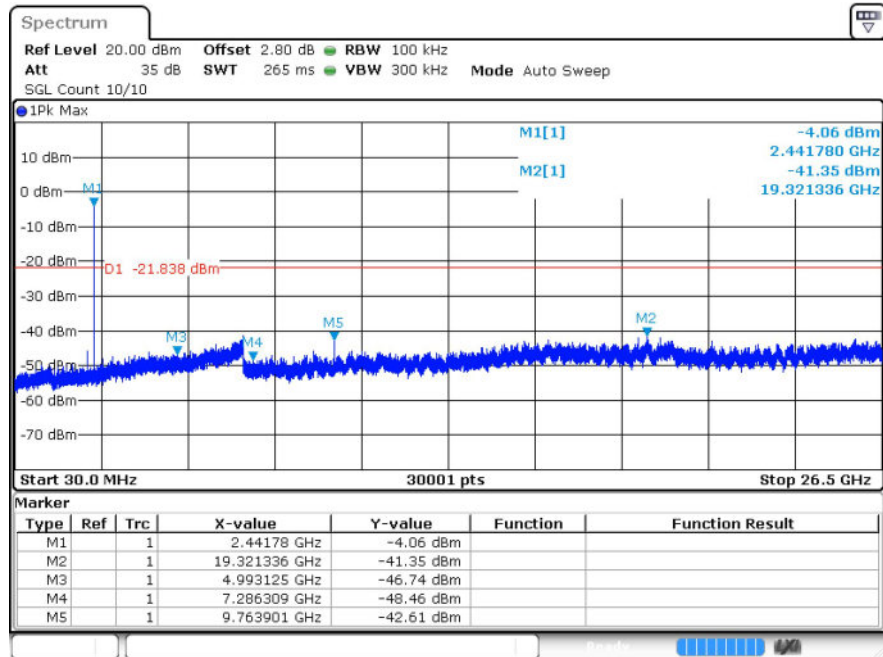


$\pi/4$ DQPSK_MCH_Graphs

Pref

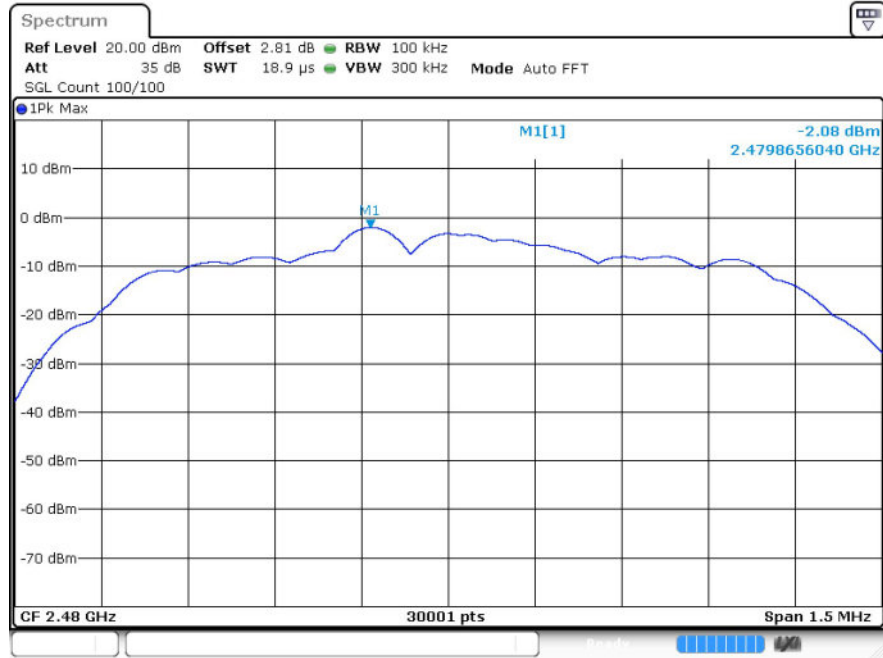


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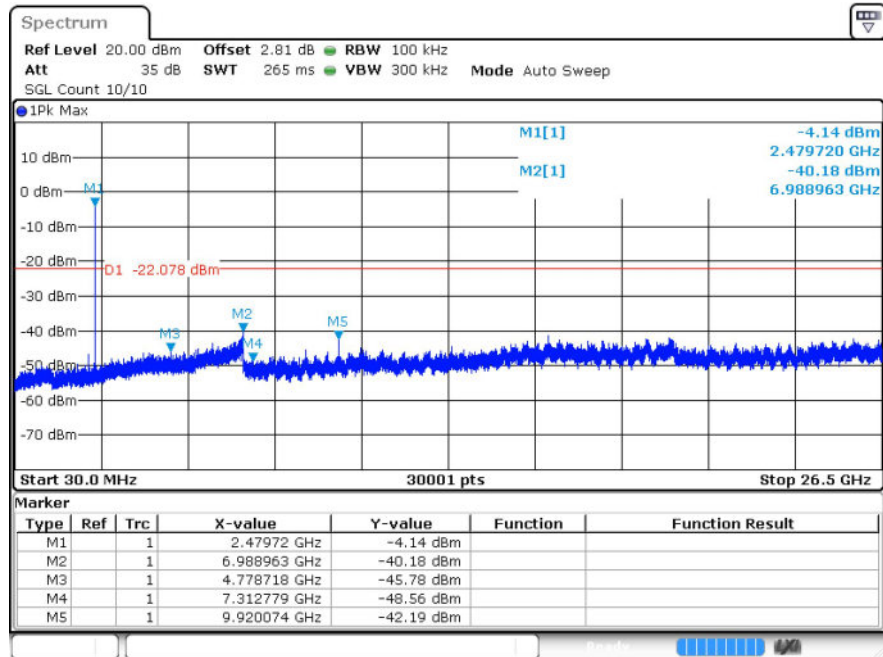


π /4DQPSK_HCH_Graphs

Pref

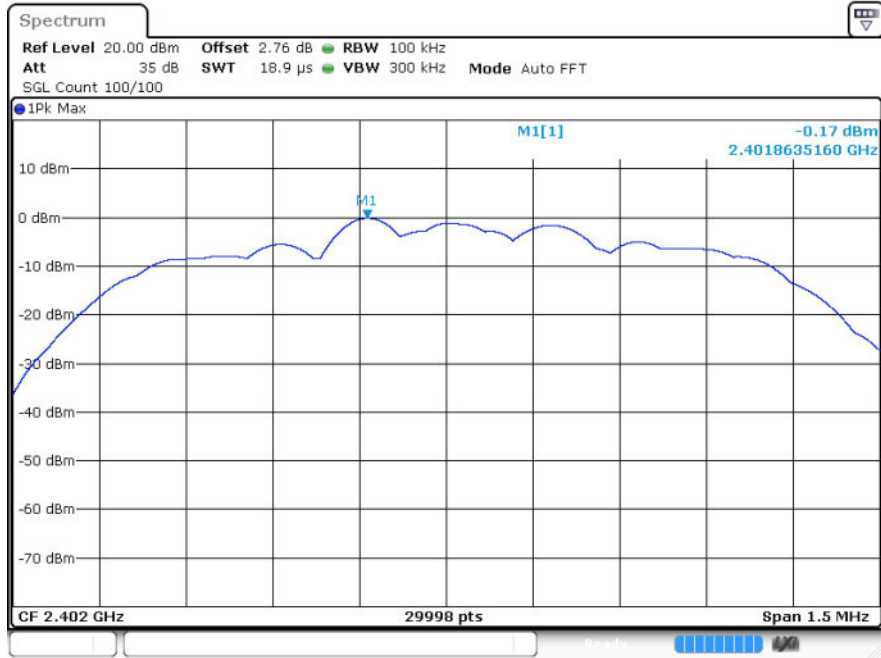


Puw

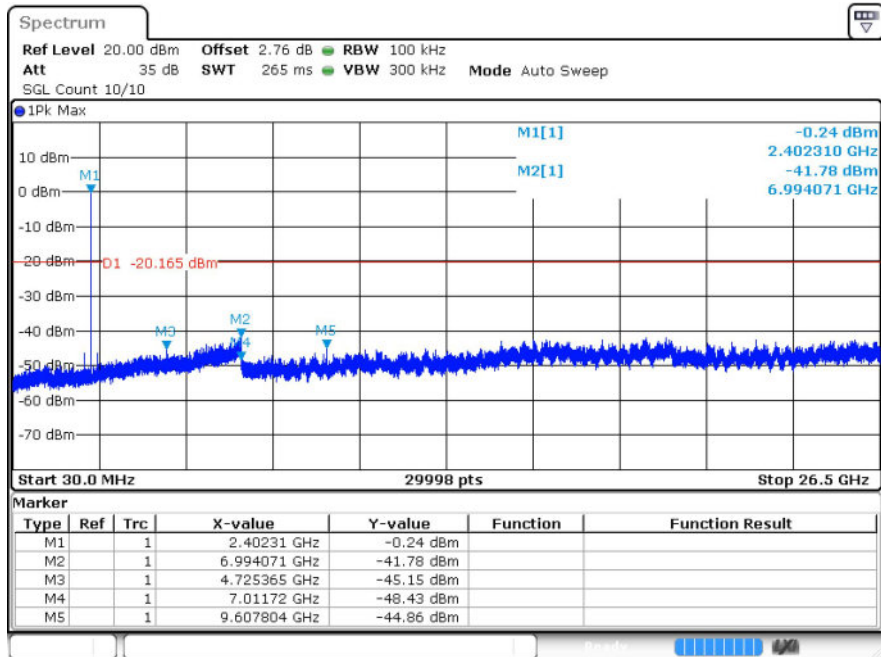


8DPSK_LCH_Graphs

Pref

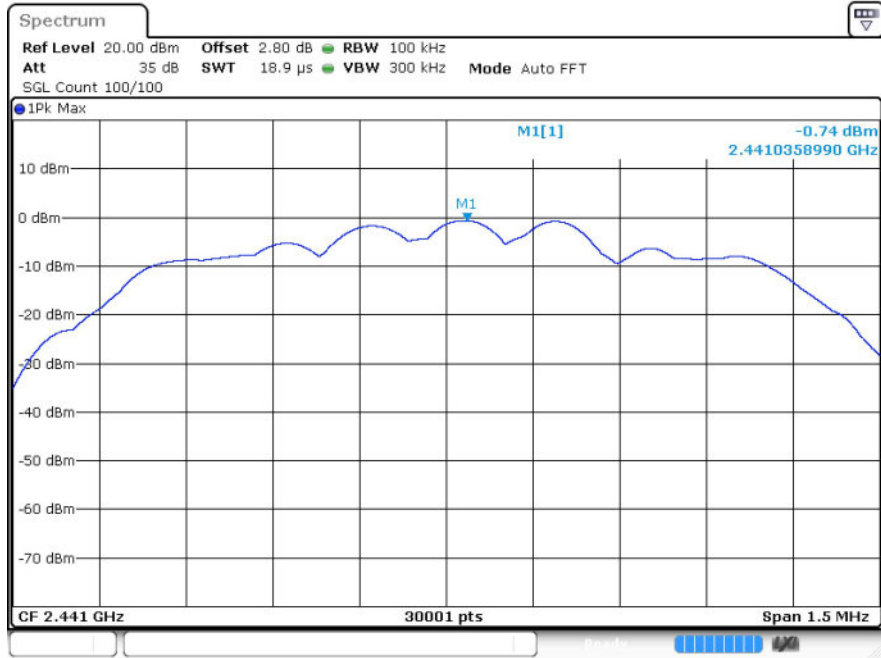


Puw

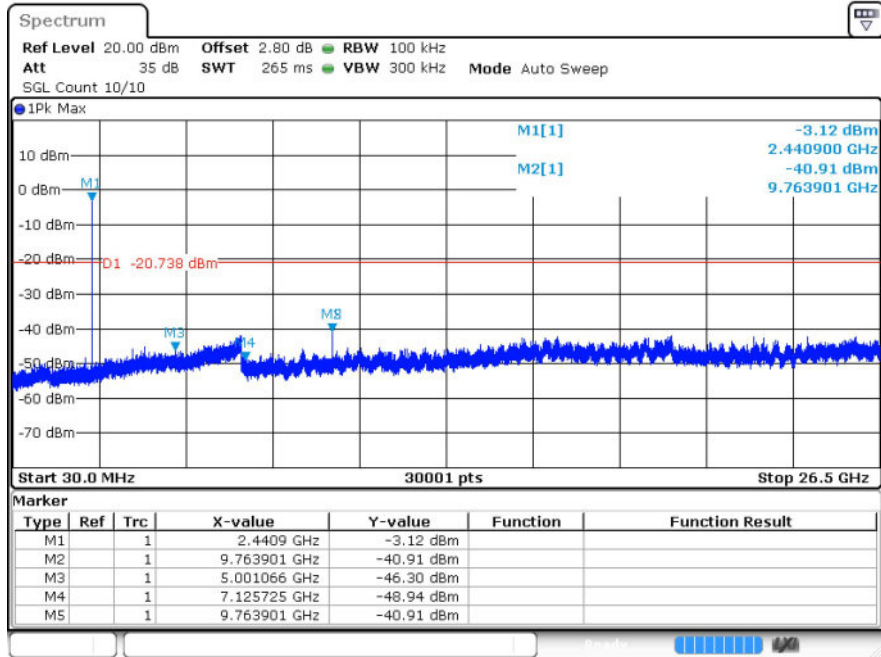


8DPSK_MCH_Graphs

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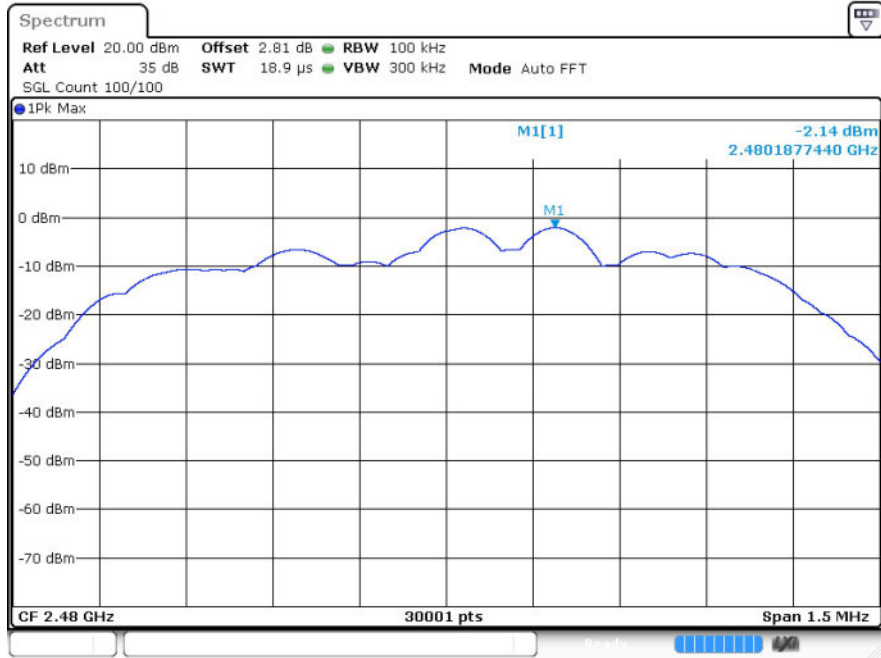


Puw

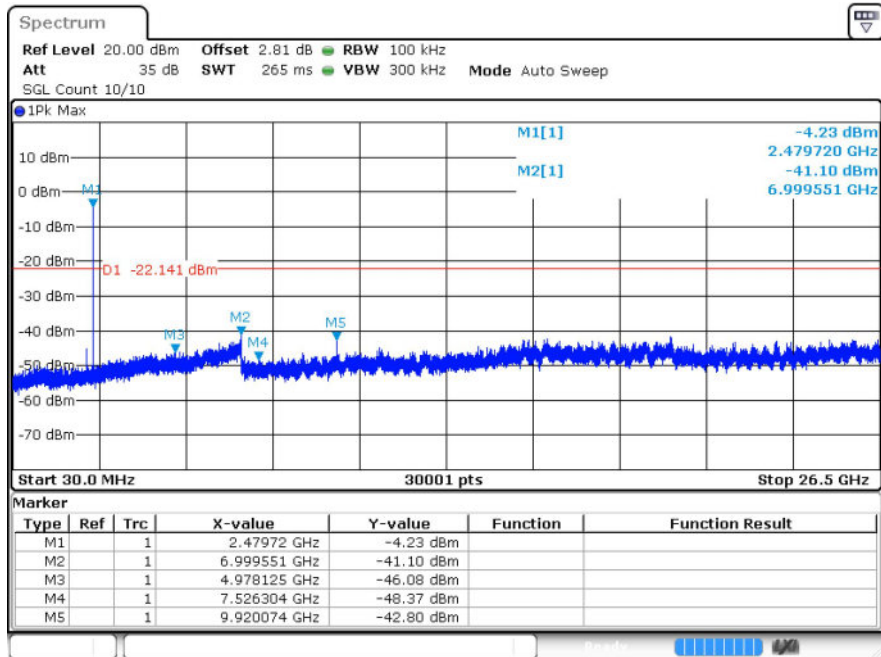


8DPSK_HCH_Graphs

Pref



Puw

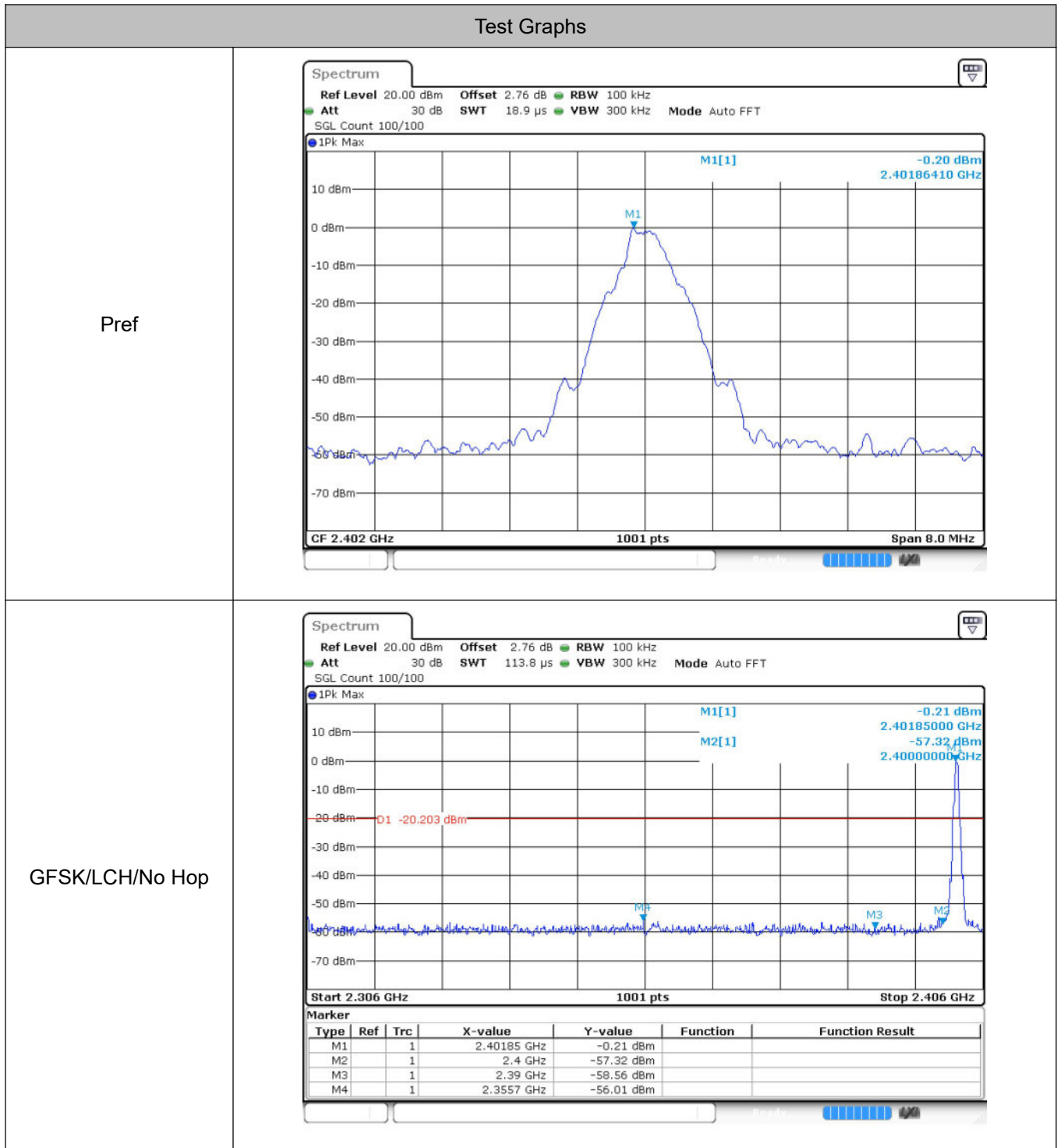


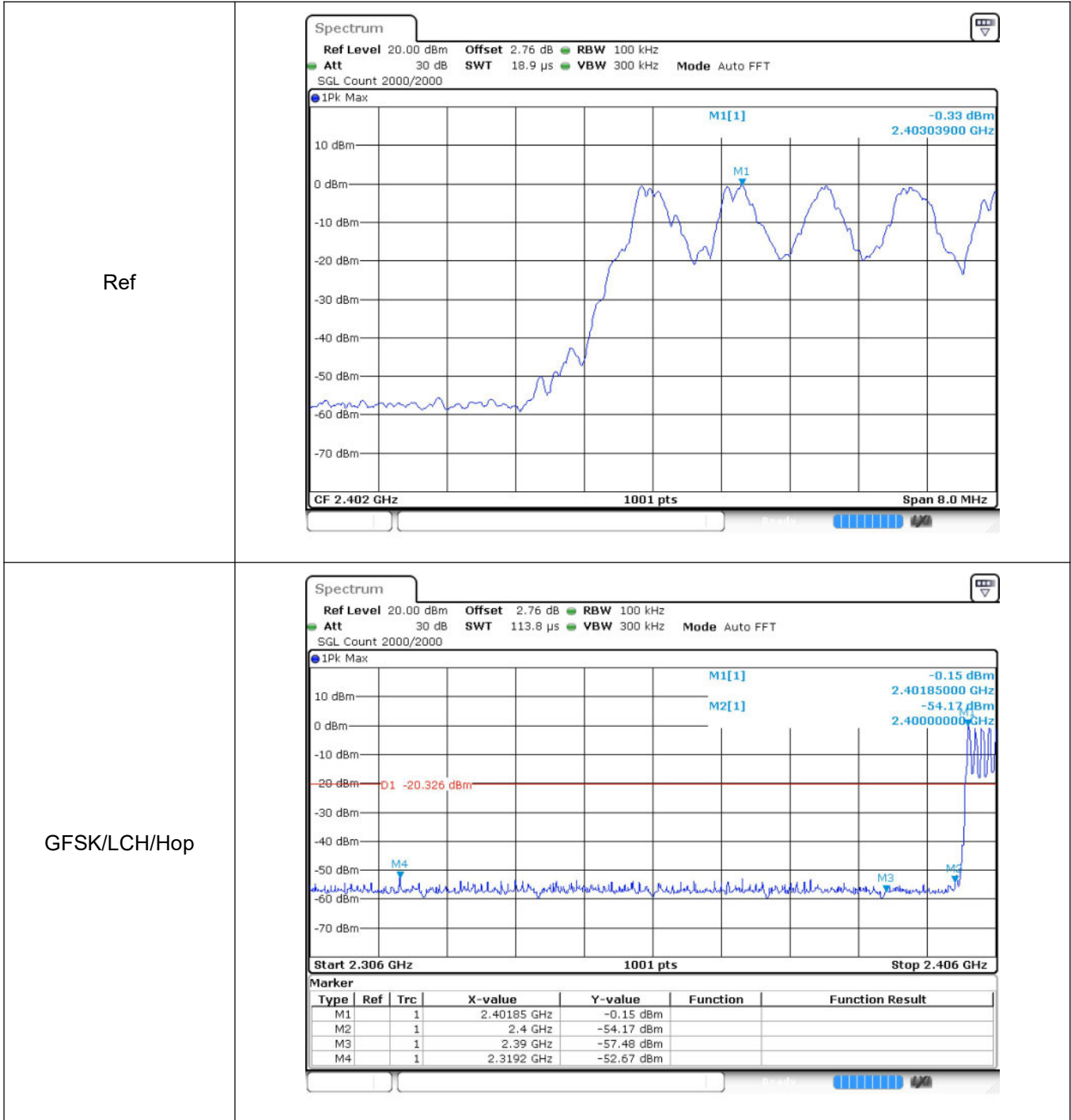
8 Band-edge for RF Conducted Emissions

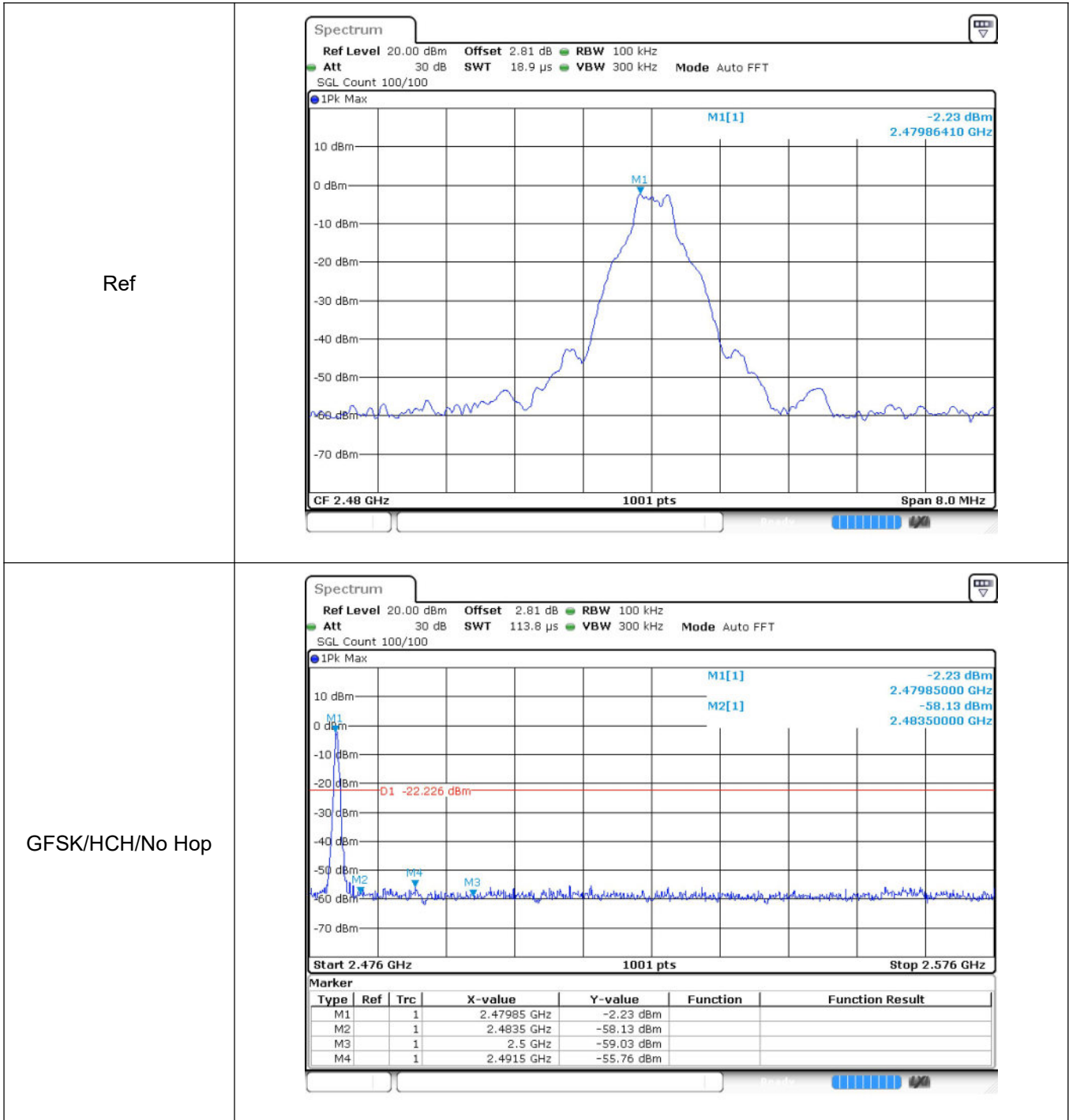
8.1 Test Result

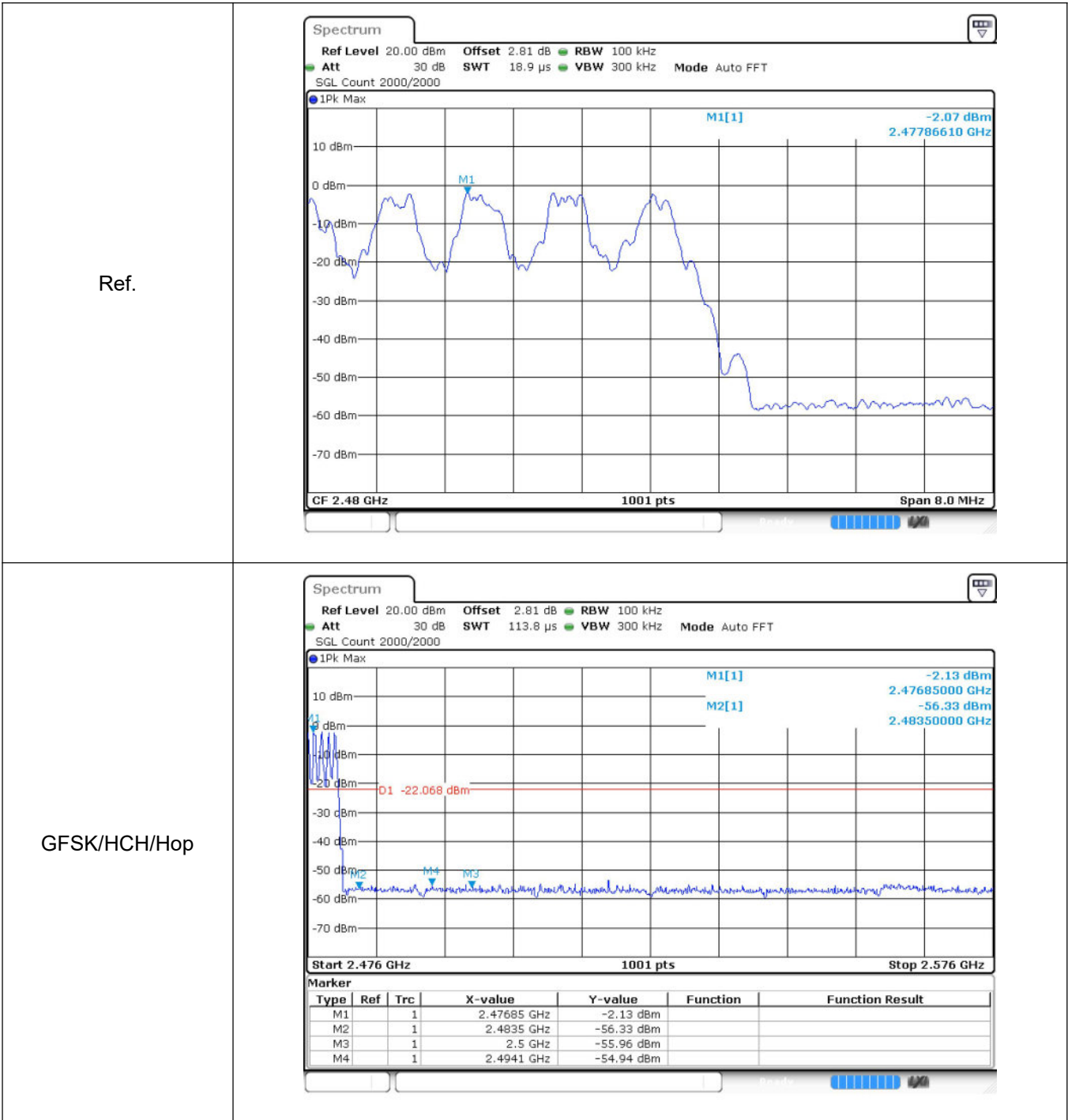
| Mode | Channel | Carrier Frequency [MHz] | Frequency Hopping | Max Spurious Level [dBc] | Limit [dBc] | Verdict |
|---------------|---------|-------------------------|-------------------|--------------------------|-------------|---------|
| GFSK | LCH | 2402 | Off | -55.8 | -20 | Pass |
| | | | On | -52.34 | -20 | Pass |
| | HCH | 2480 | Off | -53.52 | -20 | Pass |
| | | | On | -52.86 | -20 | Pass |
| $\pi/4$ DQPSK | LCH | 2402 | Off | -55.22 | -20 | Pass |
| | | | On | -52.52 | -20 | Pass |
| | HCH | 2480 | Off | -53.81 | -20 | Pass |
| | | | On | -50.6 | -20 | Pass |
| 8DPSK | LCH | 2402 | Off | -54.69 | -20 | Pass |
| | | | On | -52.1 | -20 | Pass |
| | HCH | 2480 | Off | -53.77 | -20 | Pass |
| | | | On | -52.82 | -20 | Pass |

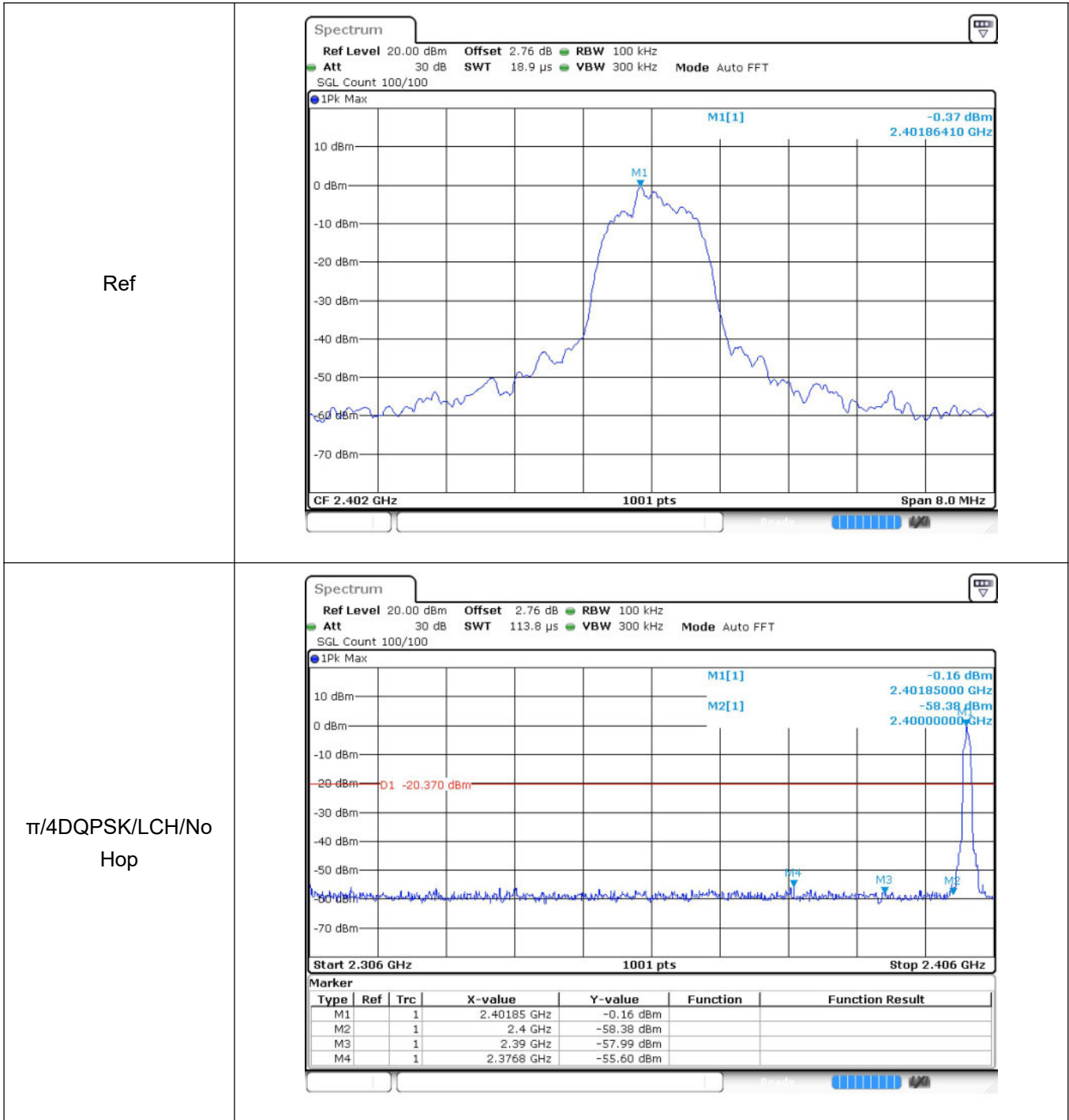
8.2 Test Graphs

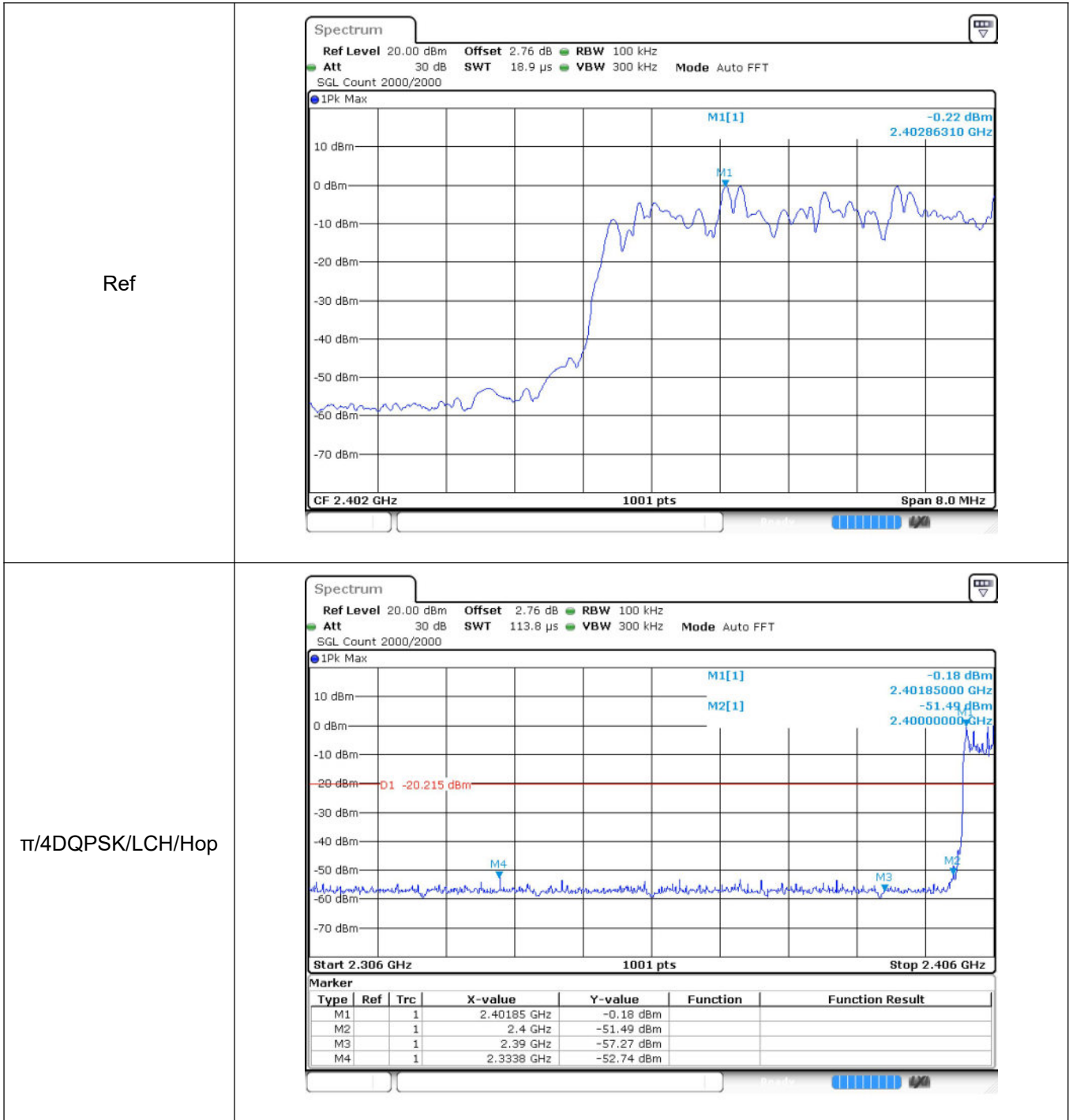


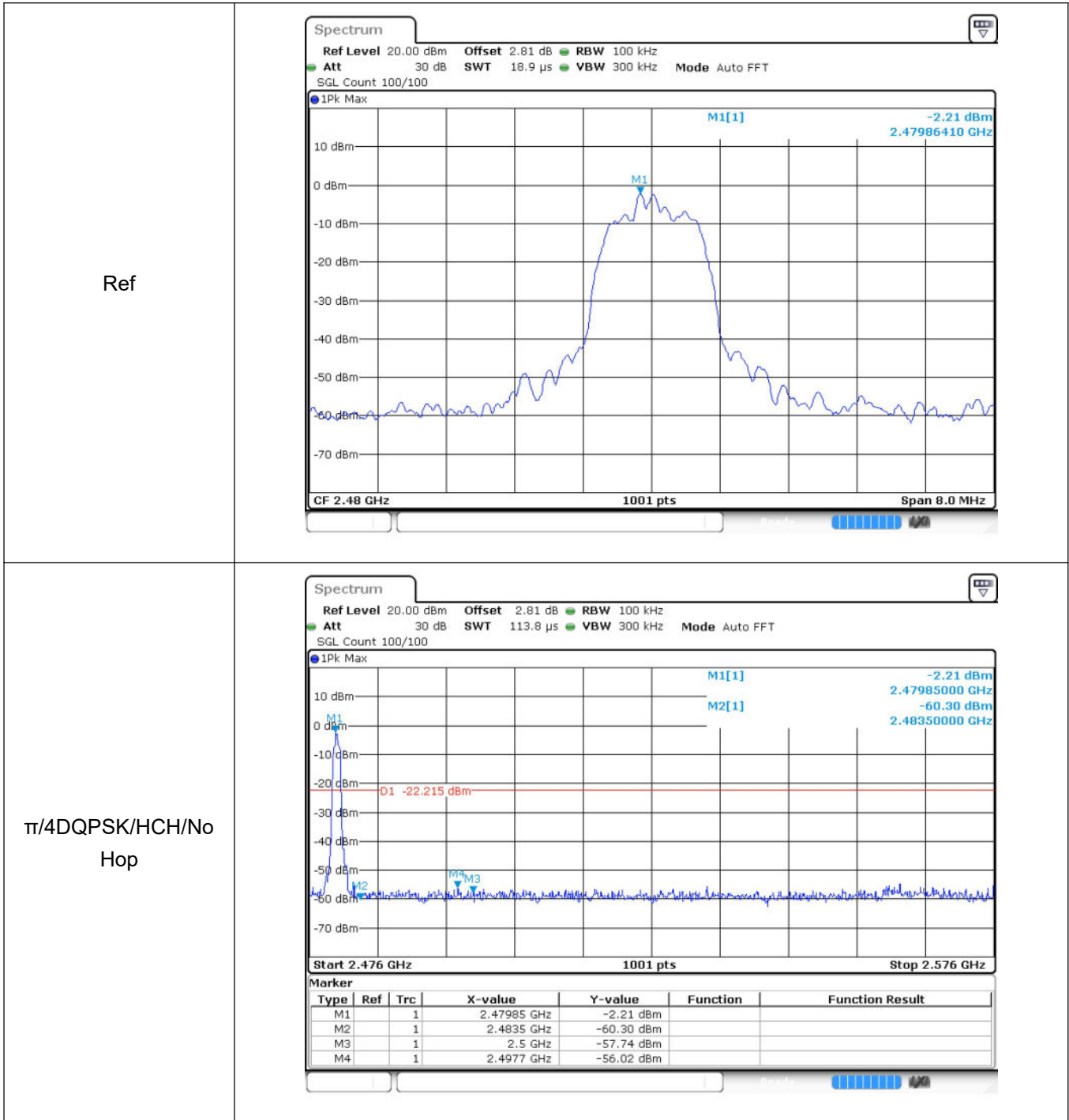


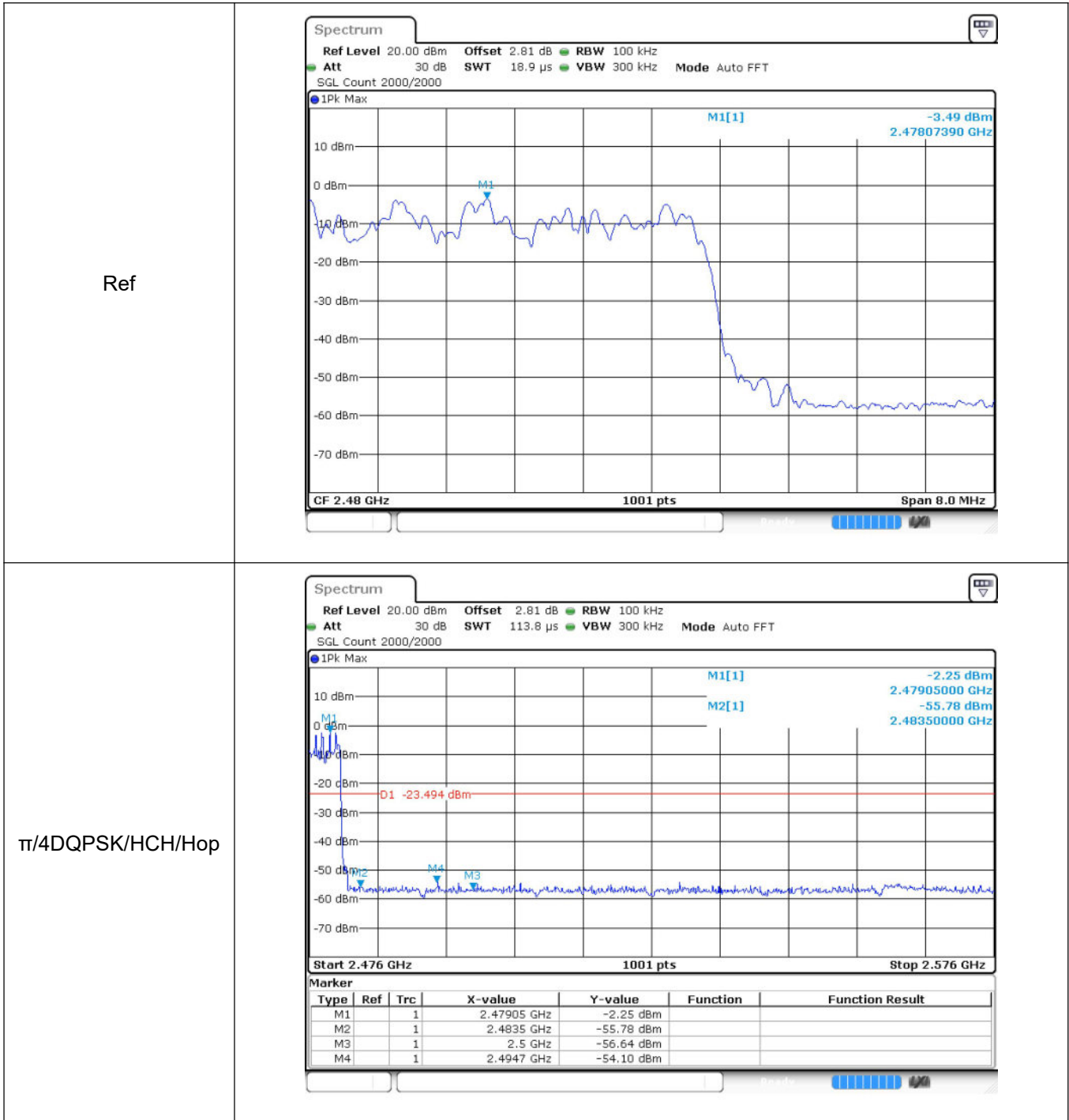


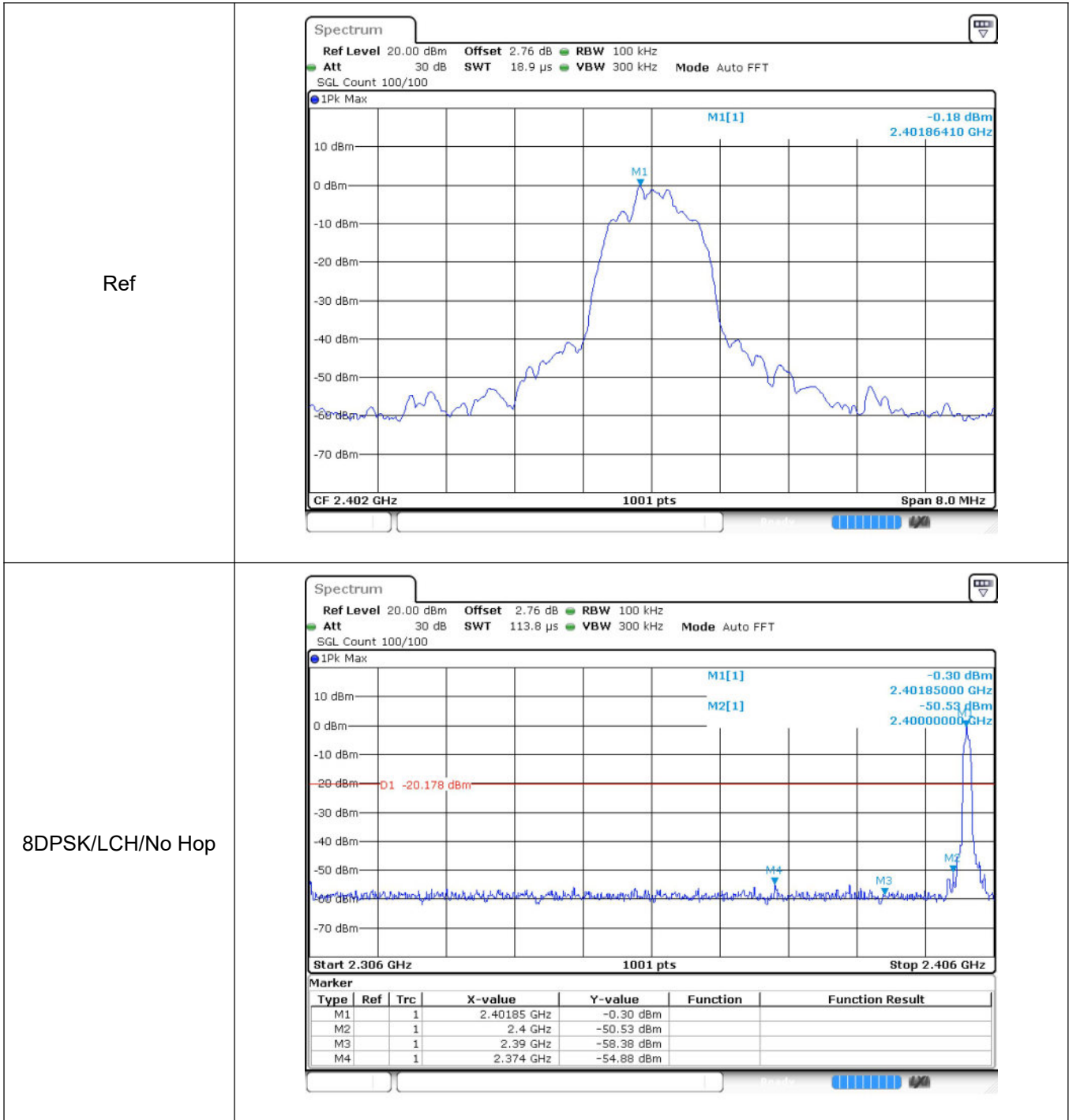


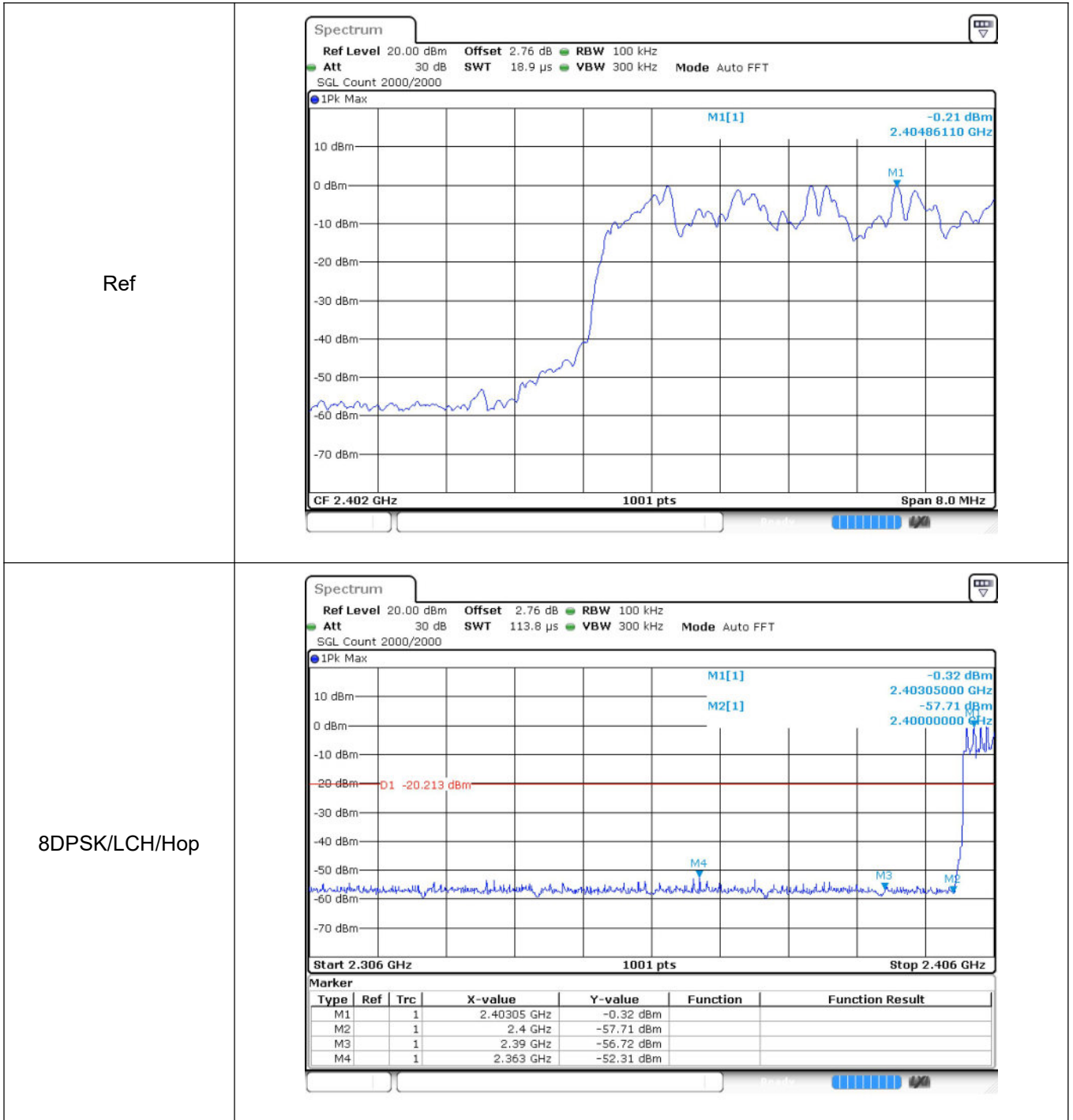


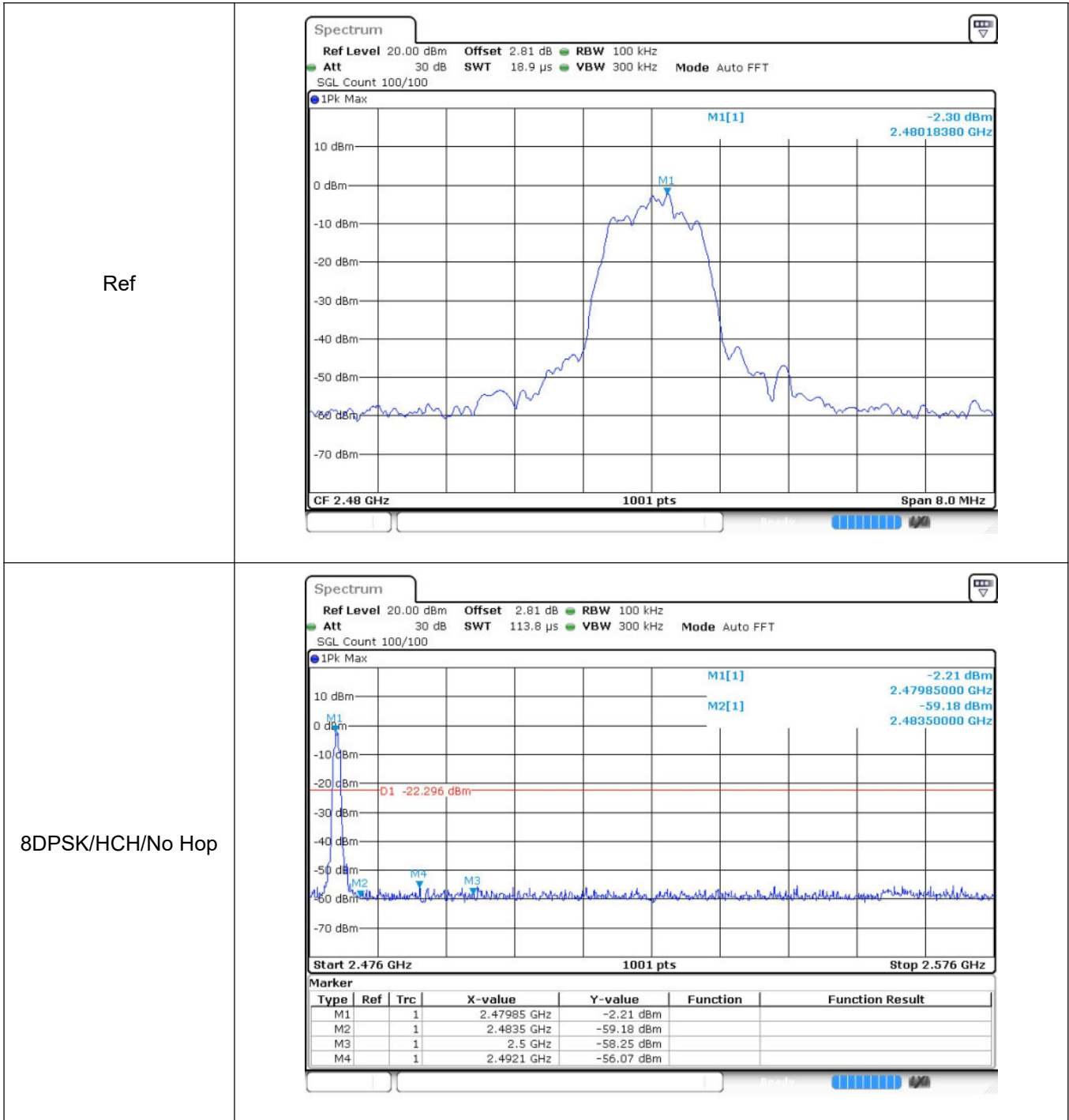


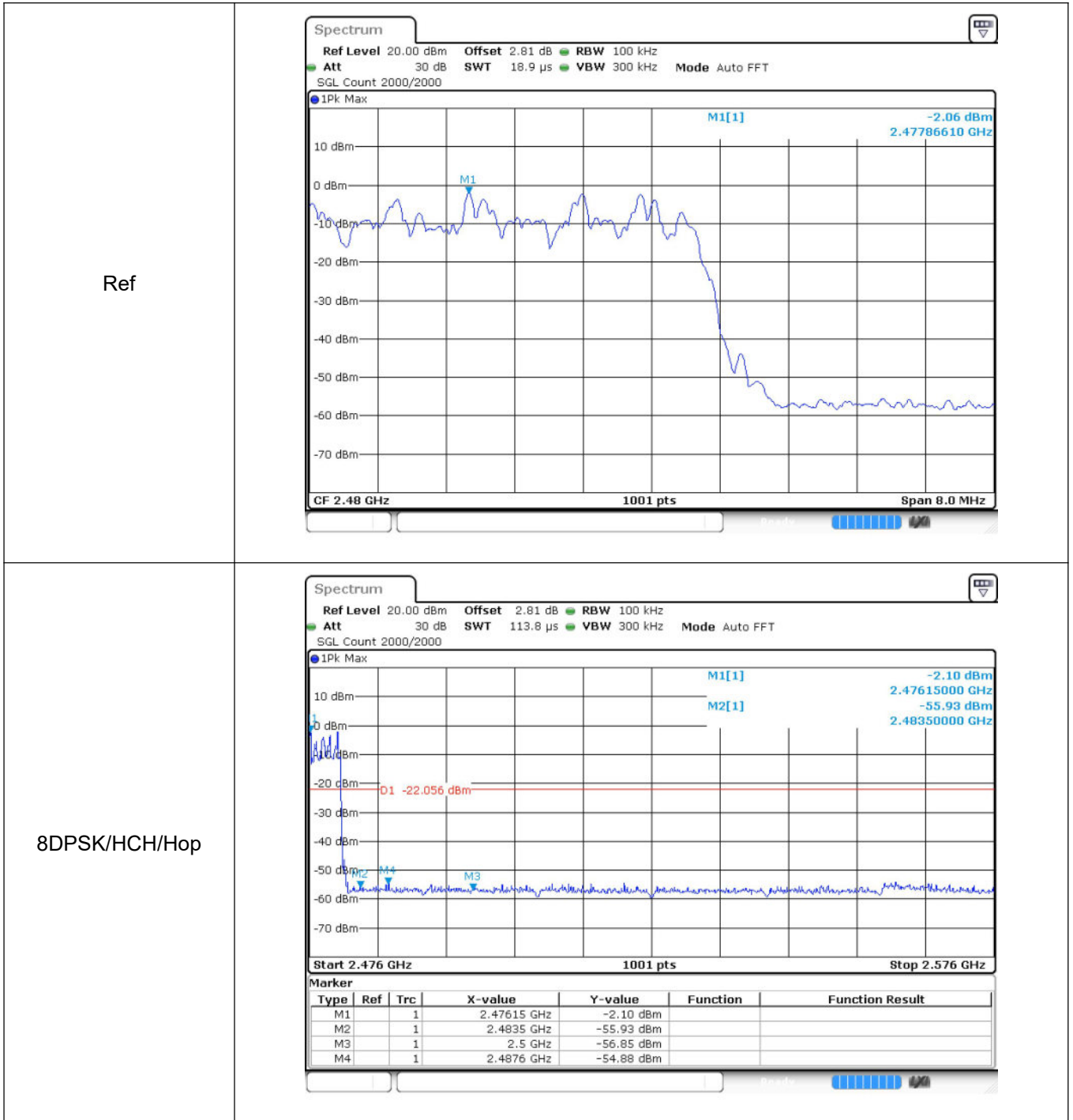












9 Restrict-band band-edge measurements

9.1 Test Result

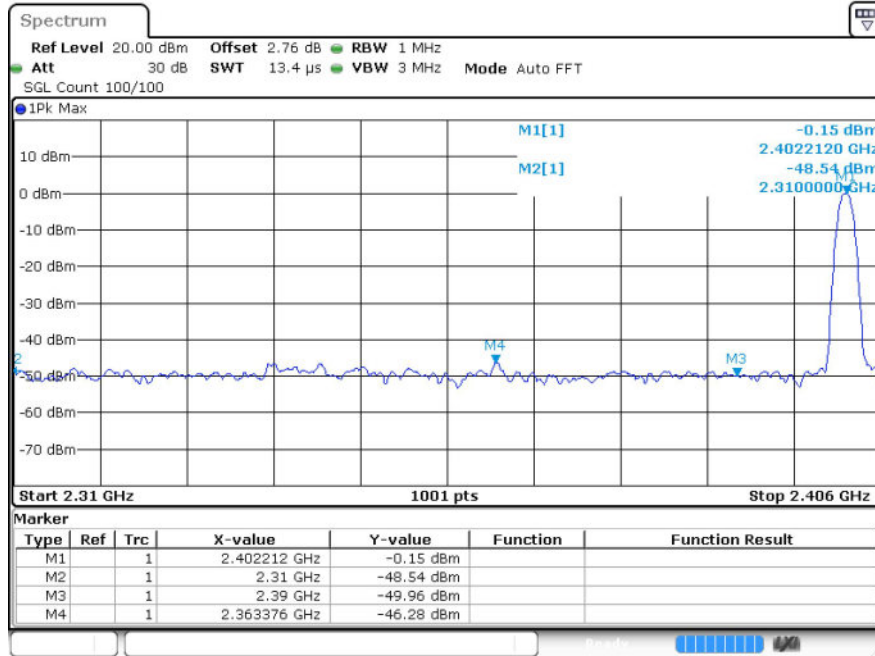
| Test Mode | Hopping | Freq. | Power [dBm] | Gain | Duty Factor | E [dBuV/m] | Detector | Limit [dBuV/m] | Verdict |
|---------------|---------|----------|-------------|------|-------------|------------|----------|----------------|---------|
| GFSK | Off | 2310.0 | -48.54 | 2 | - | 48.72 | PEAK | 74 | Pass |
| | Off | 2310.0 | -57.17 | 2 | 4.95 | 45.04 | AV | 54 | Pass |
| | Off | 2363.376 | -46.28 | 2 | - | 50.98 | PEAK | 74 | Pass |
| | Off | 2339.376 | -54.5 | 2 | 4.95 | 47.71 | AV | 54 | Pass |
| | Off | 2390.0 | -49.96 | 2 | - | 47.3 | PEAK | 74 | Pass |
| | Off | 2390.0 | -56.99 | 2 | 4.95 | 45.22 | AV | 54 | Pass |
| | Off | 2483.5 | -50 | 2 | - | 47.26 | PEAK | 74 | Pass |
| | Off | 2483.5 | -56.51 | 2 | 5.06 | 45.81 | AV | 54 | Pass |
| | Off | 2489.704 | -47.52 | 2 | - | 49.74 | PEAK | 74 | Pass |
| | Off | 2484.736 | -55.87 | 2 | 5.06 | 46.45 | AV | 54 | Pass |
| | Off | 2500.0 | -49.89 | 2 | - | 47.37 | PEAK | 74 | Pass |
| | Off | 2500.0 | -57.42 | 2 | 5.06 | 44.9 | AV | 54 | Pass |
| $\pi/4$ DQPSK | Off | 2310.0 | -51.08 | 2 | - | 46.18 | PEAK | 74 | Pass |
| | Off | 2310.0 | -56.59 | 2 | 4.92 | 45.59 | AV | 54 | Pass |
| | Off | 2340.72 | -45.63 | 2 | - | 51.63 | PEAK | 74 | Pass |
| | Off | 2337.936 | -54.26 | 2 | 4.92 | 47.92 | AV | 54 | Pass |
| | Off | 2390.0 | -49.5 | 2 | - | 47.76 | PEAK | 74 | Pass |
| | Off | 2390.0 | -56.93 | 2 | 4.92 | 45.25 | AV | 54 | Pass |
| | Off | 2483.5 | -50.36 | 2 | - | 46.9 | PEAK | 74 | Pass |
| | Off | 2483.5 | -56.16 | 2 | 4.95 | 46.05 | AV | 54 | Pass |
| | Off | 2486.8 | -46.78 | 2 | - | 50.48 | PEAK | 74 | Pass |
| | Off | 2488.504 | -55.72 | 2 | 4.95 | 46.49 | AV | 54 | Pass |
| | Off | 2500.0 | -49.31 | 2 | - | 47.95 | PEAK | 74 | Pass |
| | Off | 2500.0 | -56.6 | 2 | 4.95 | 45.61 | AV | 54 | Pass |
| 8DPSK | Off | 2310.0 | -49.96 | 2 | - | 47.3 | PEAK | 74 | Pass |
| | Off | 2310.0 | -56.83 | 2 | 4.84 | 45.27 | AV | 54 | Pass |
| | Off | 2339.76 | -47.43 | 2 | - | 49.83 | PEAK | 74 | Pass |
| | Off | 2339.472 | -54.9 | 2 | 4.84 | 47.2 | AV | 54 | Pass |



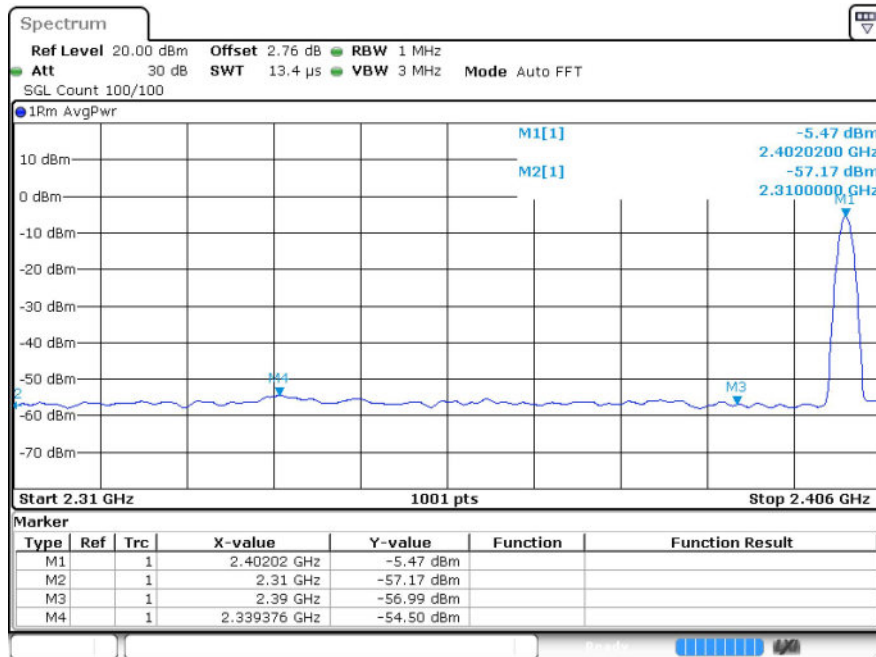
| | | | | | | | | |
|-----|----------|--------|---|------|-------|------|----|------|
| Off | 2390.0 | -50.57 | 2 | - | 46.69 | PEAK | 74 | Pass |
| Off | 2390.0 | -56.5 | 2 | 4.84 | 45.6 | AV | 54 | Pass |
| Off | 2483.5 | -50.23 | 2 | - | 47.03 | PEAK | 74 | Pass |
| Off | 2483.5 | -55.38 | 2 | 4.95 | 46.83 | AV | 54 | Pass |
| Off | 2492.584 | -45.86 | 2 | - | 51.4 | PEAK | 74 | Pass |
| Off | 2483.512 | -55.39 | 2 | 4.95 | 46.82 | AV | 54 | Pass |
| Off | 2500.0 | -48.69 | 2 | - | 48.57 | PEAK | 74 | Pass |
| Off | 2500.0 | -56.47 | 2 | 4.95 | 45.74 | AV | 54 | Pass |

9.2 Test Graphs

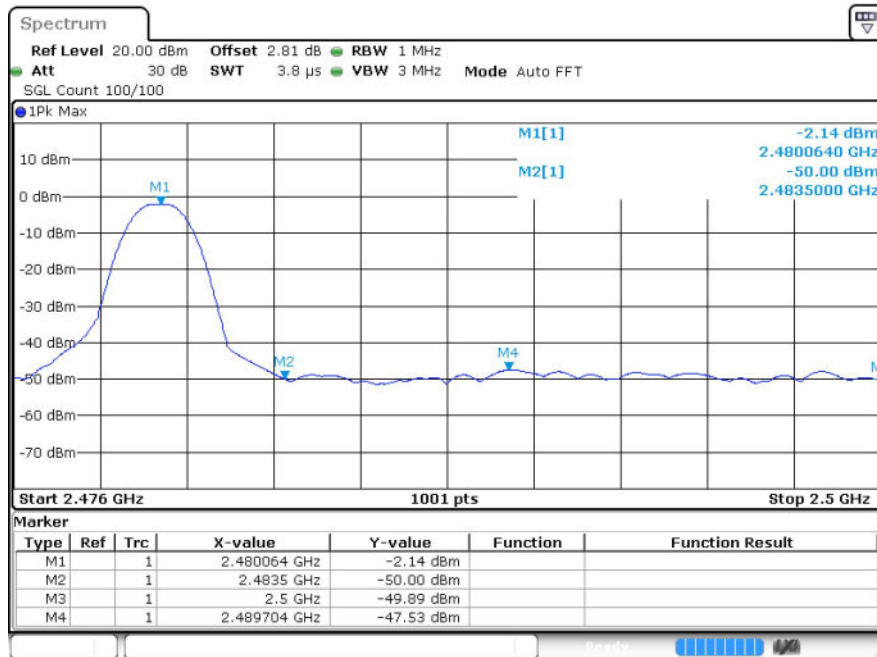
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



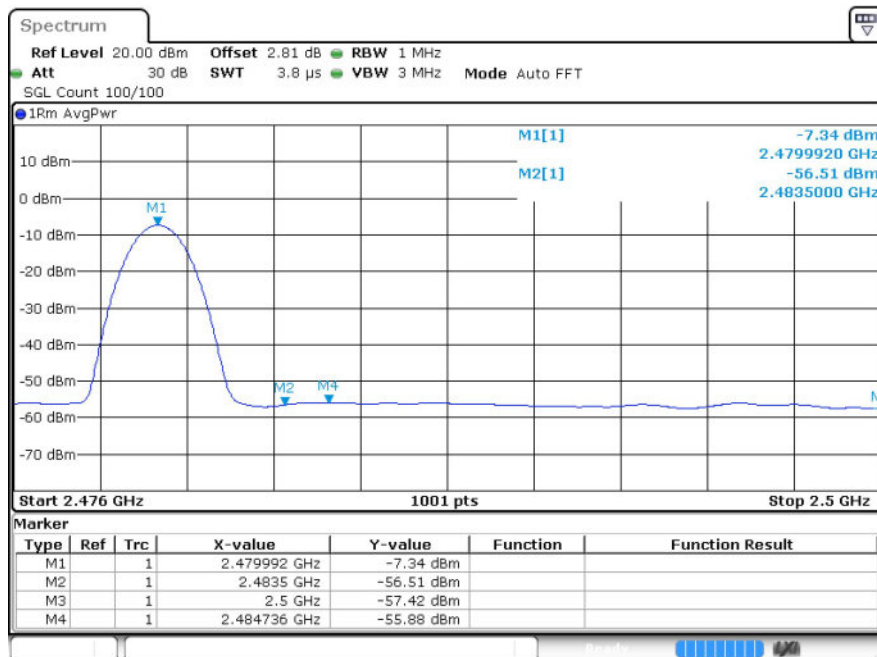
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



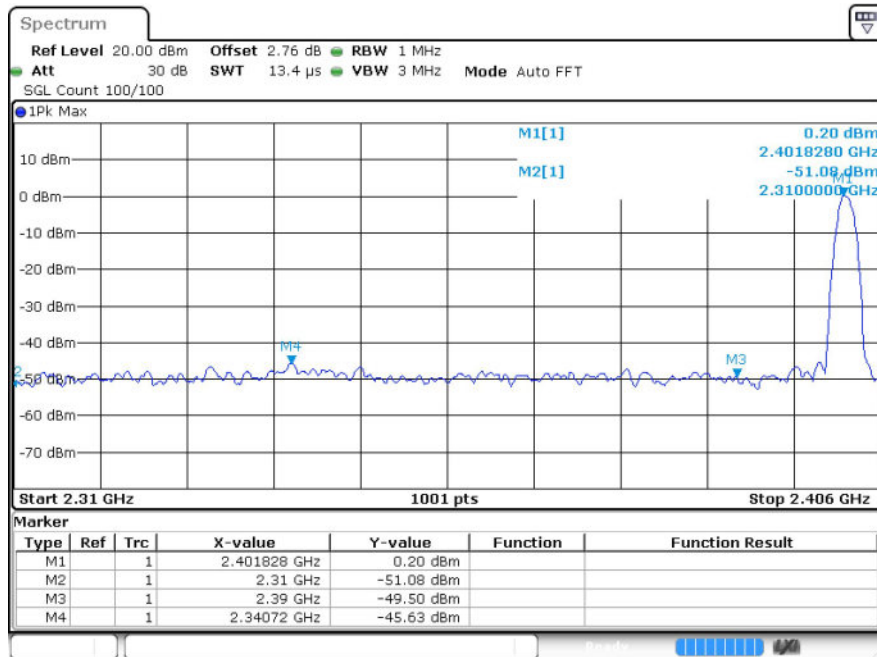
Restrict-band band-edge measurements_Hopping Off_GFSK_PEAK (High Channel)



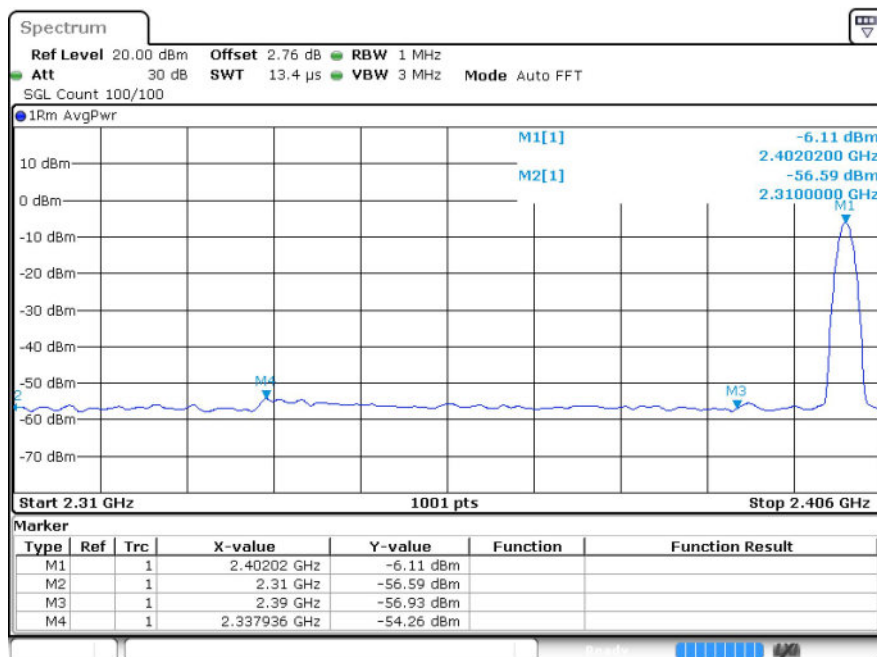
Restrict-band band-edge measurements_Hopping Off_GFSK_Average (High Channel)



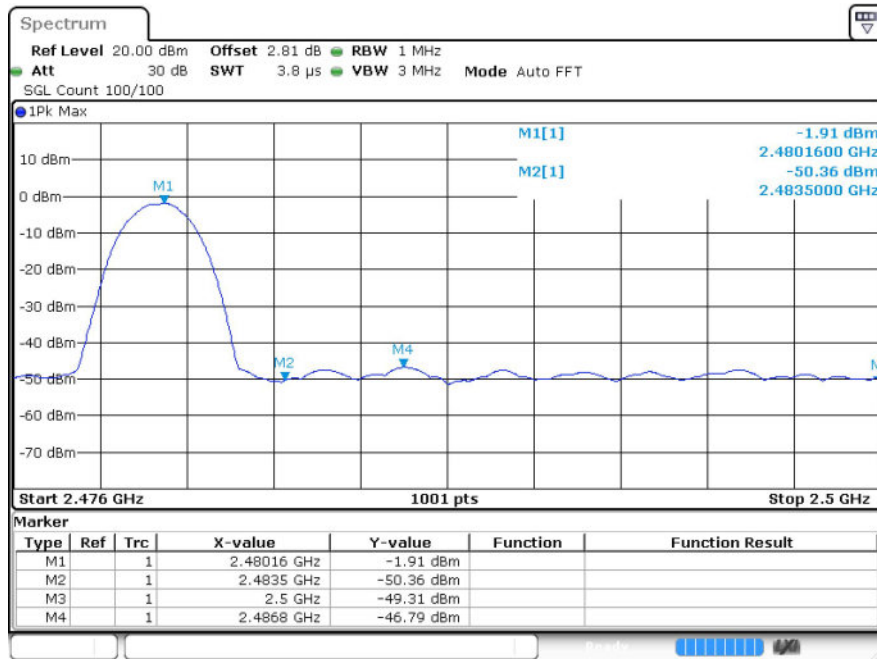
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



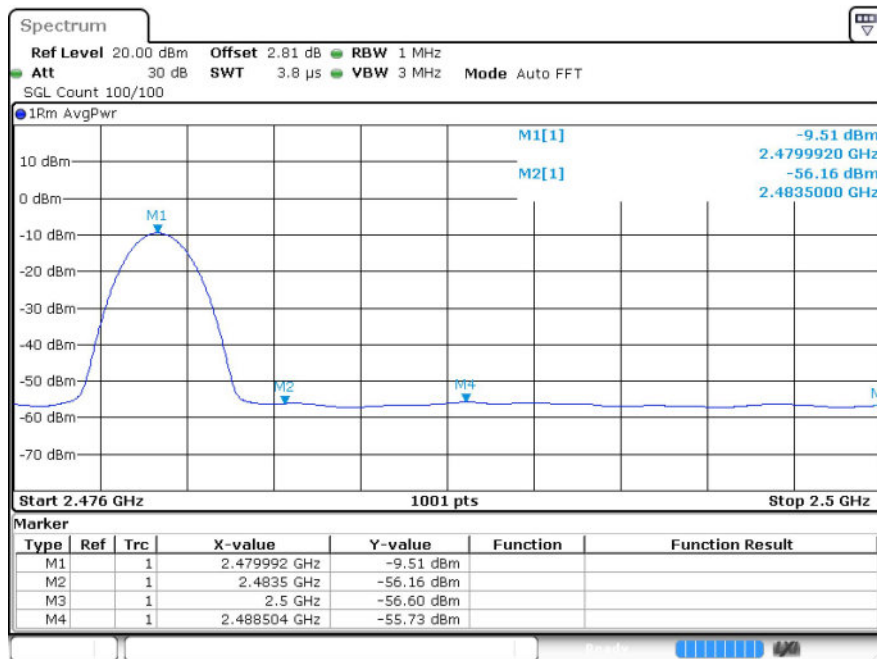
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



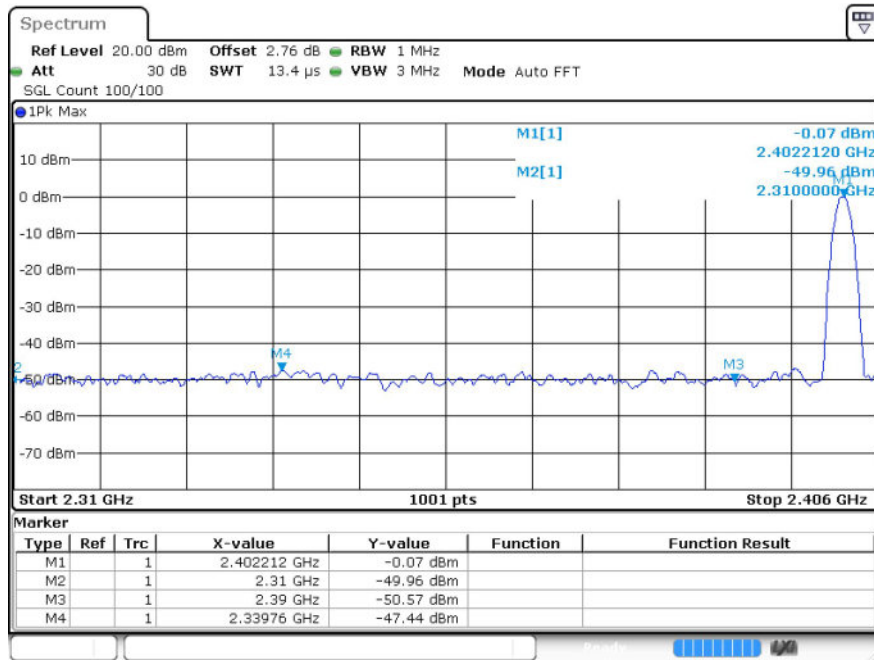
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



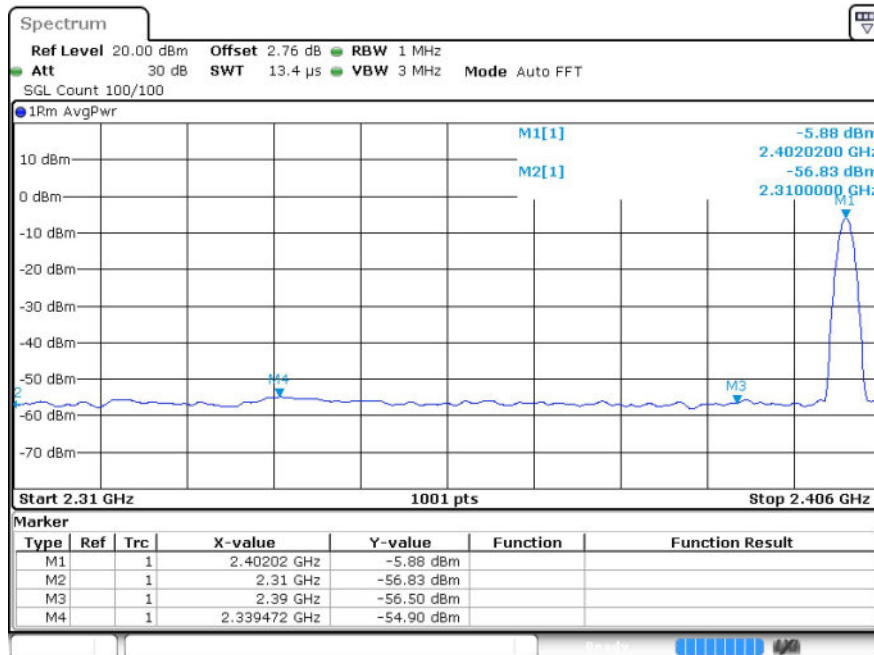
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



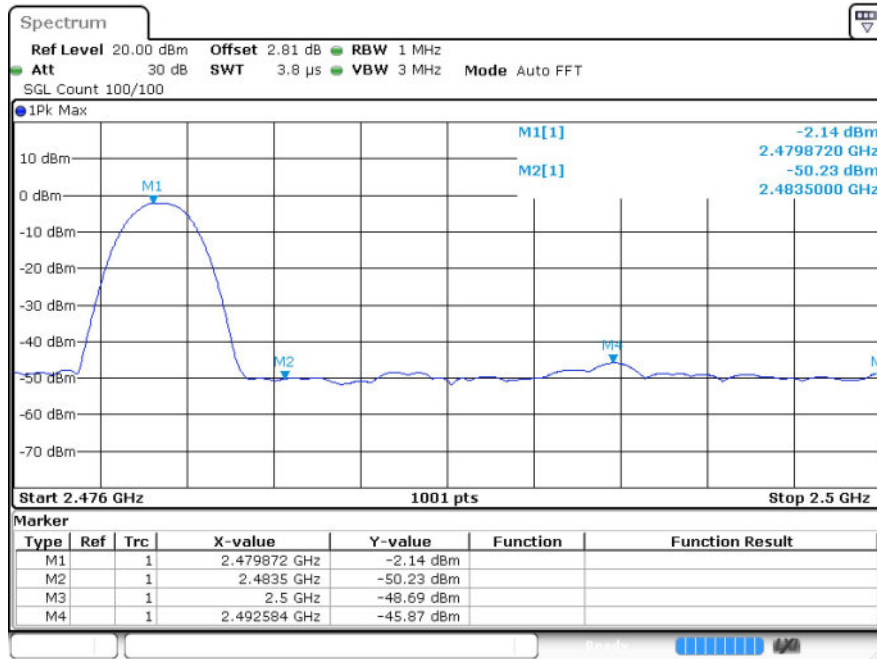
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



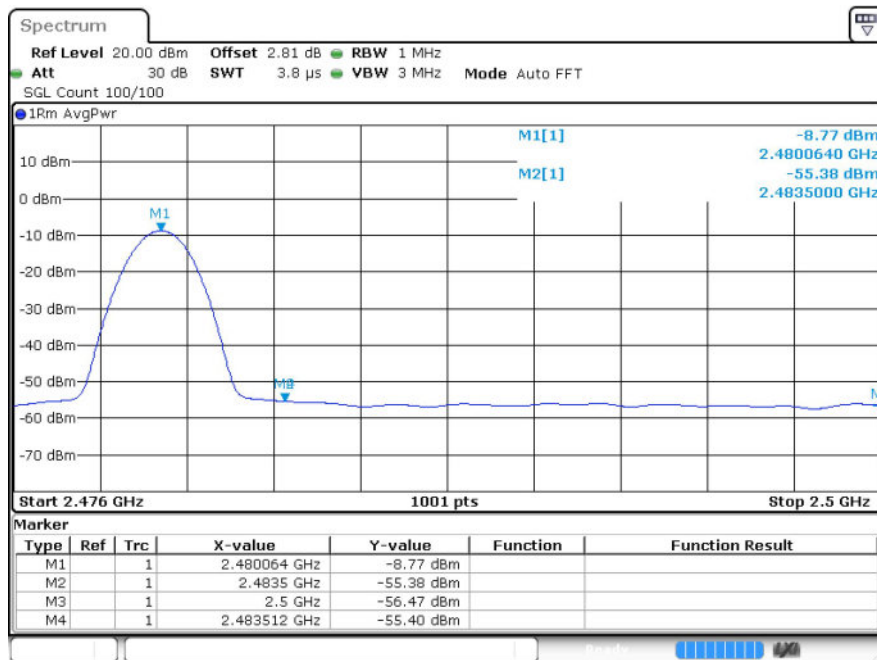
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (High Channel)



---The End---