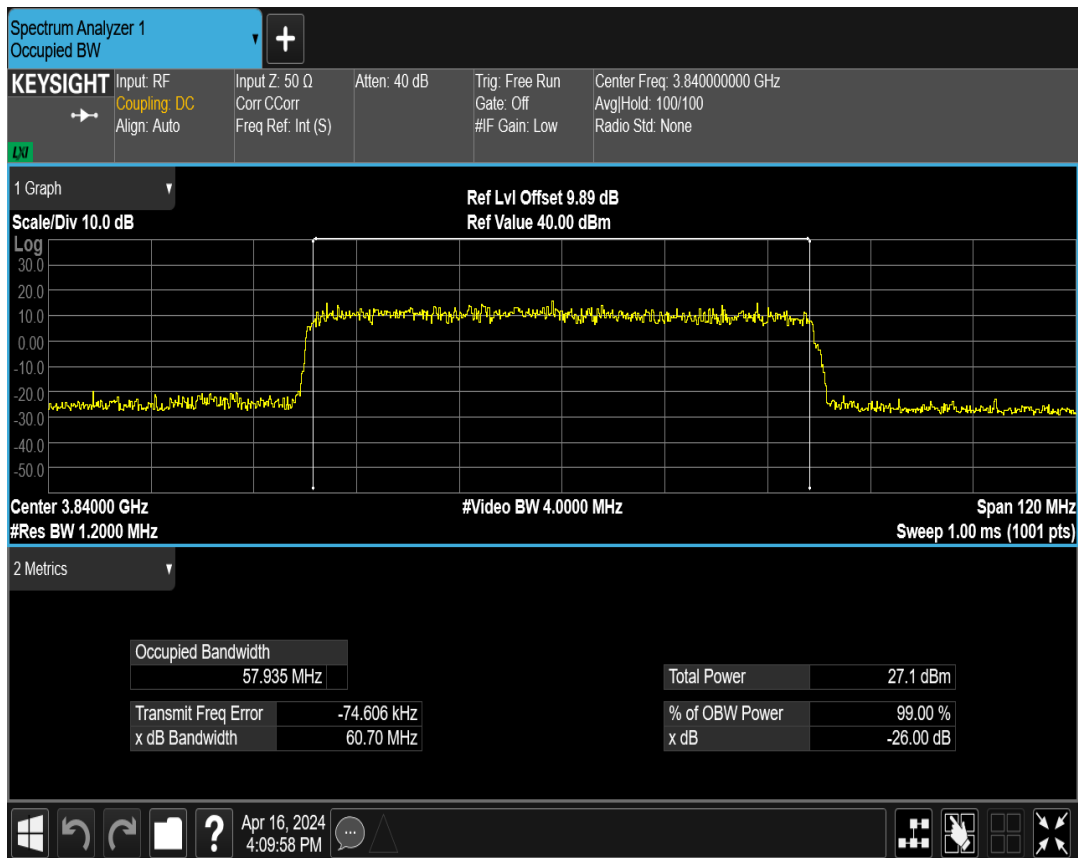
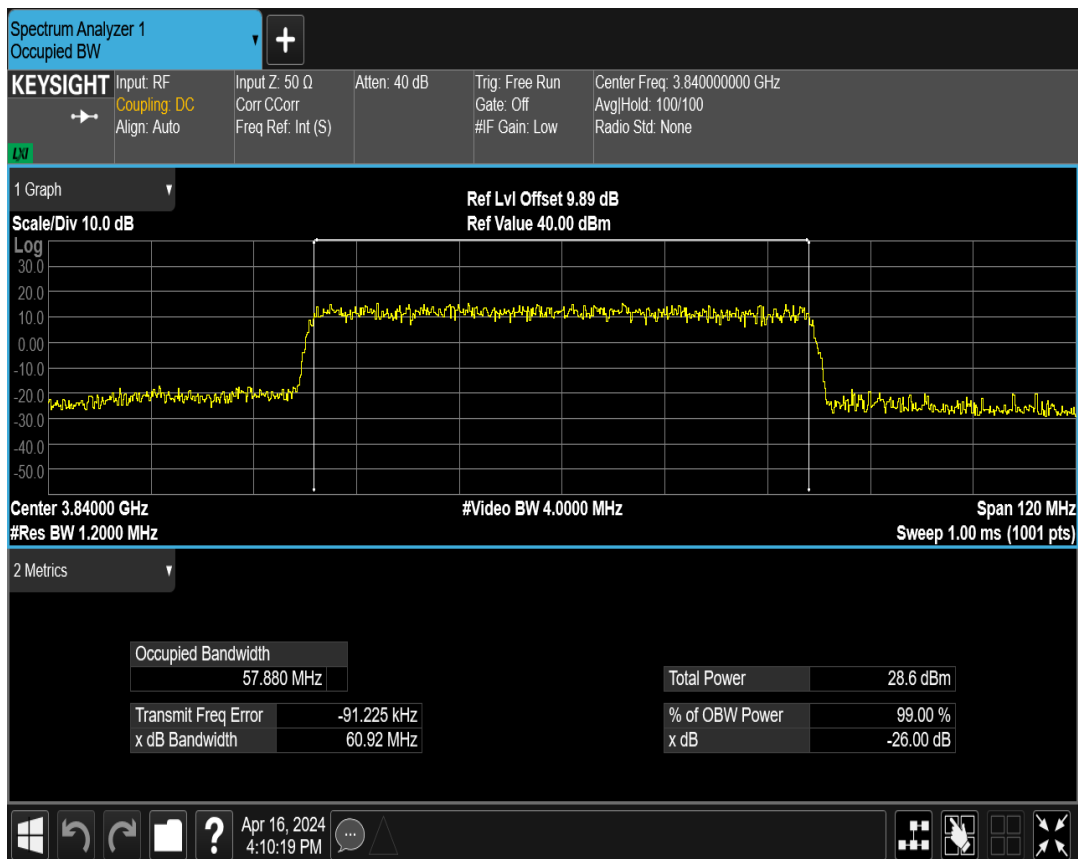


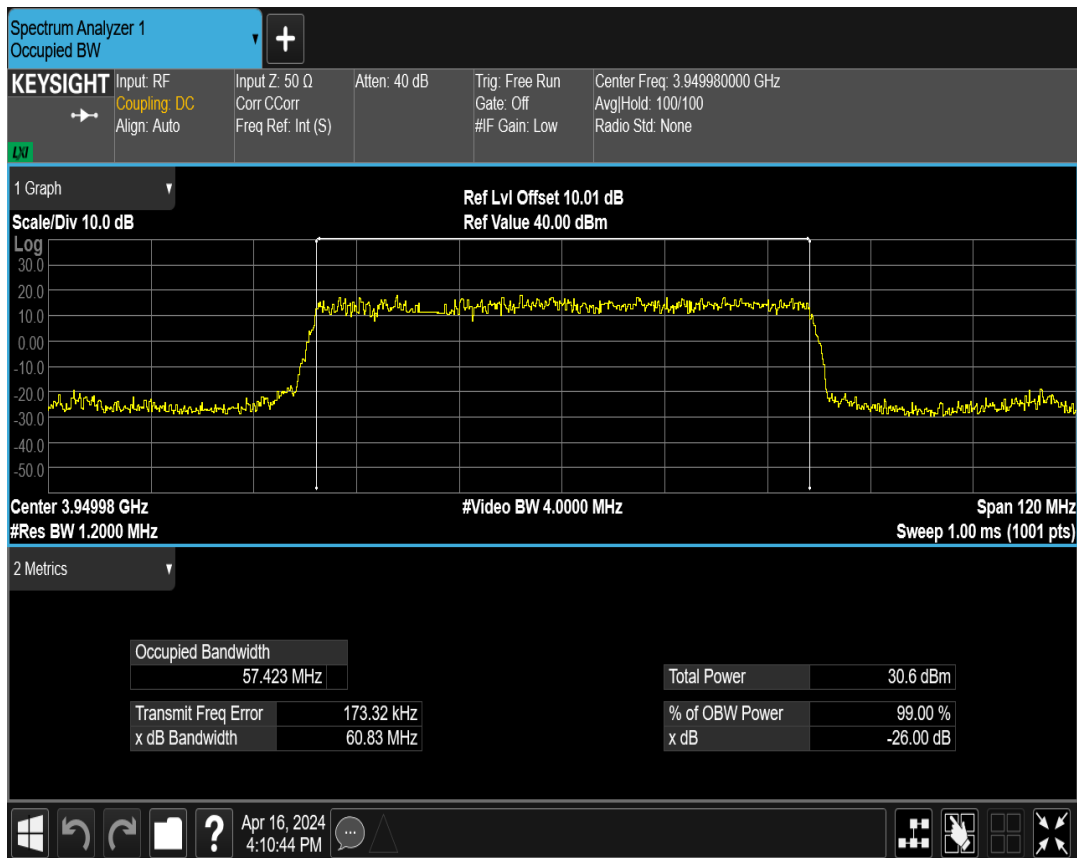
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=60MHz Channel=656000 RB=162@0



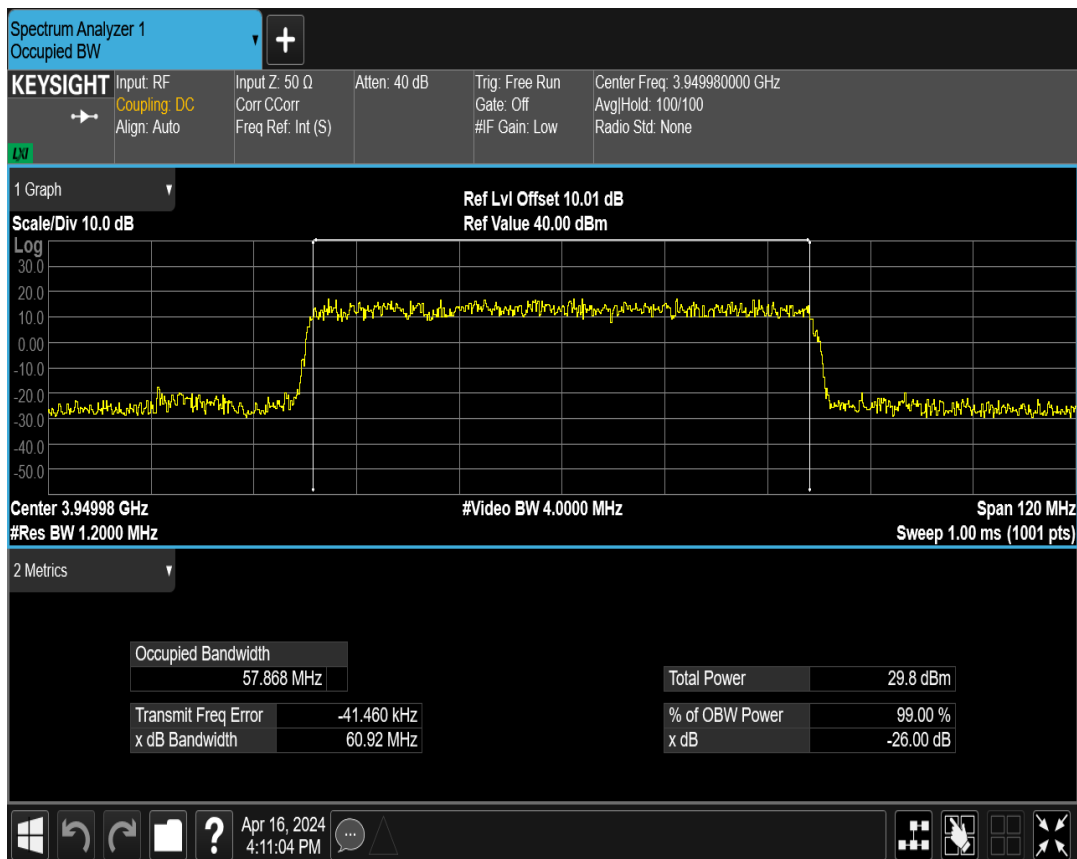
n77(3700-3980) SCS=30kHz CP\_QPSK BW=60MHz Channel=656000 RB=162@0



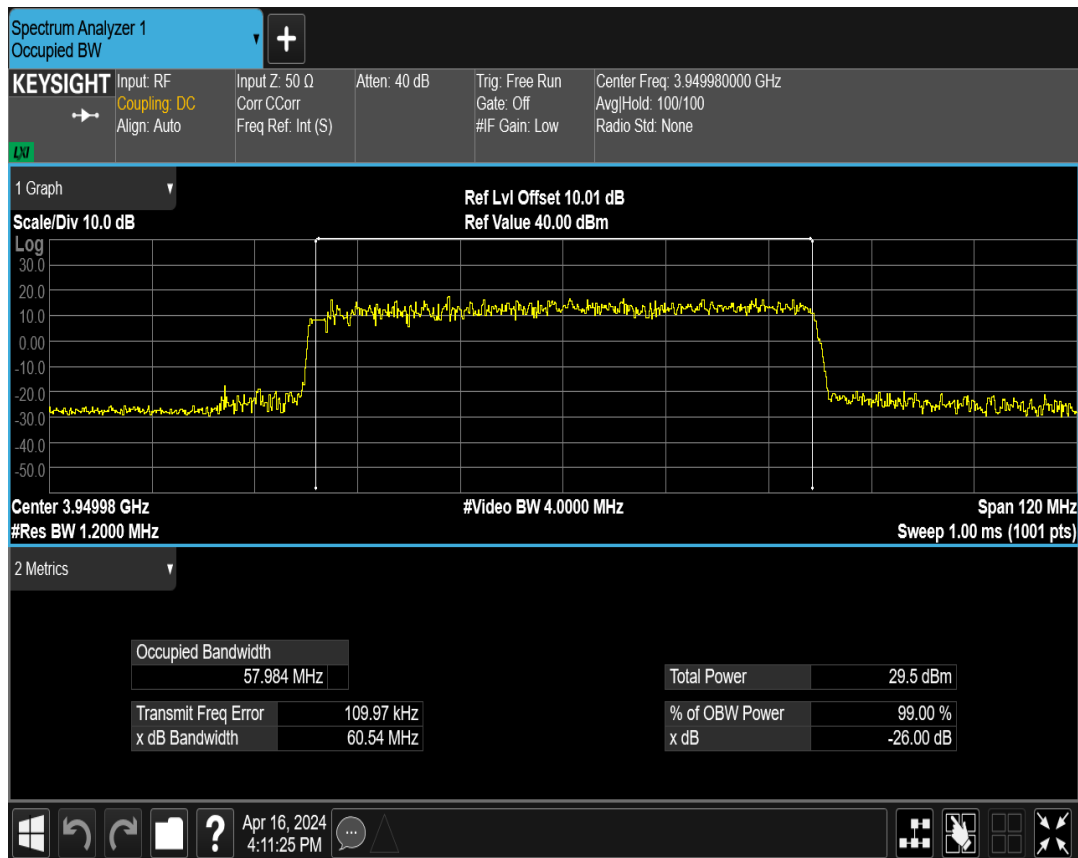
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=60MHz Channel=663332 RB=162@0



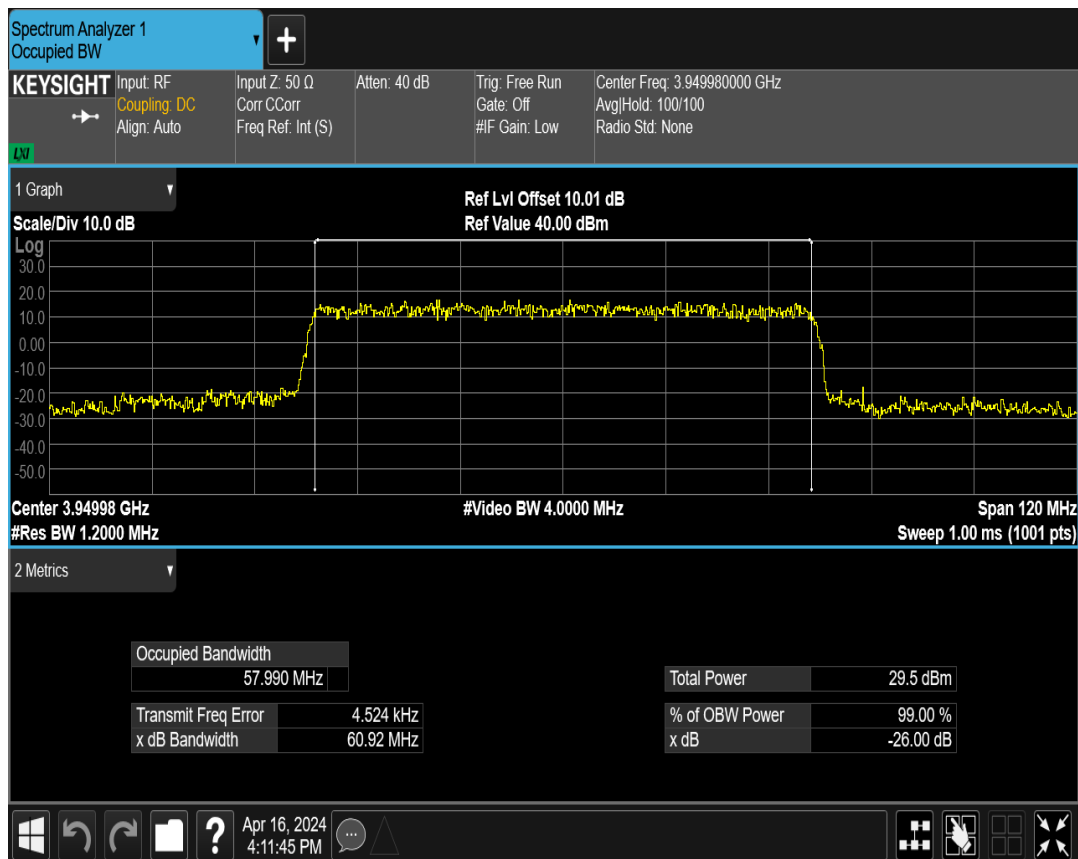
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=60MHz Channel=663332 RB=162@0



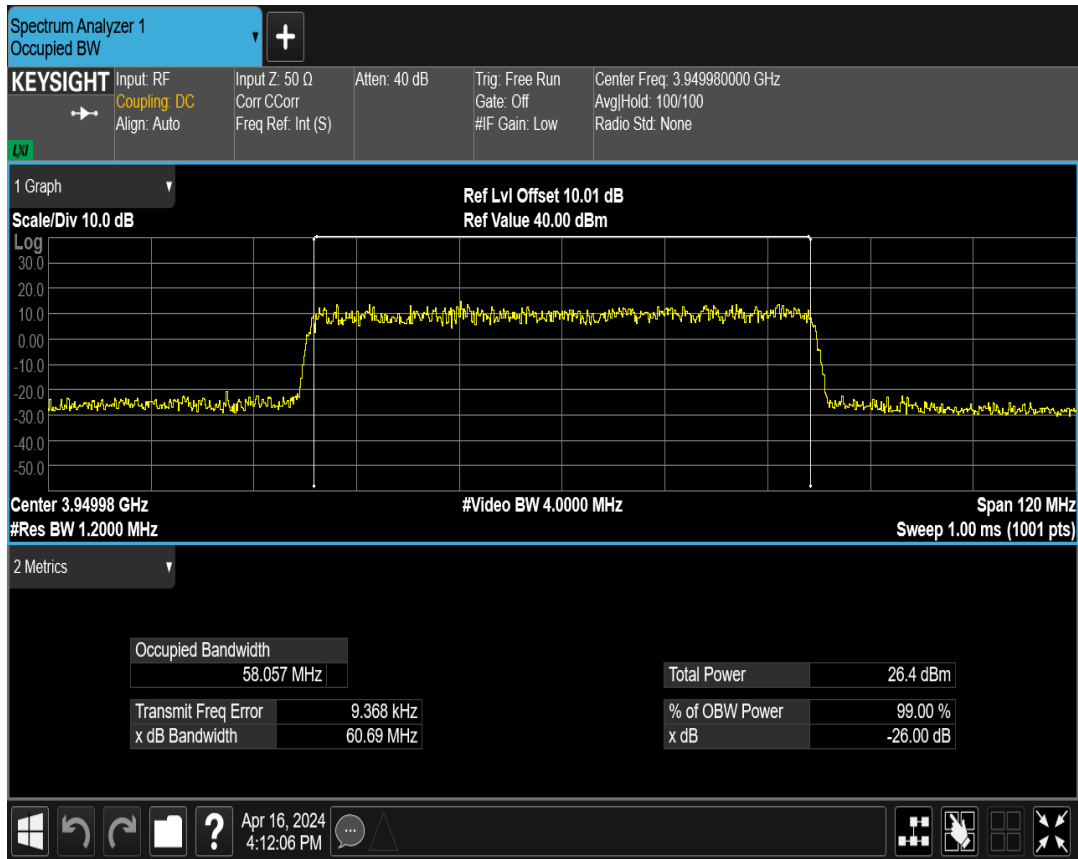
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=60MHz Channel=663332 RB=162@0



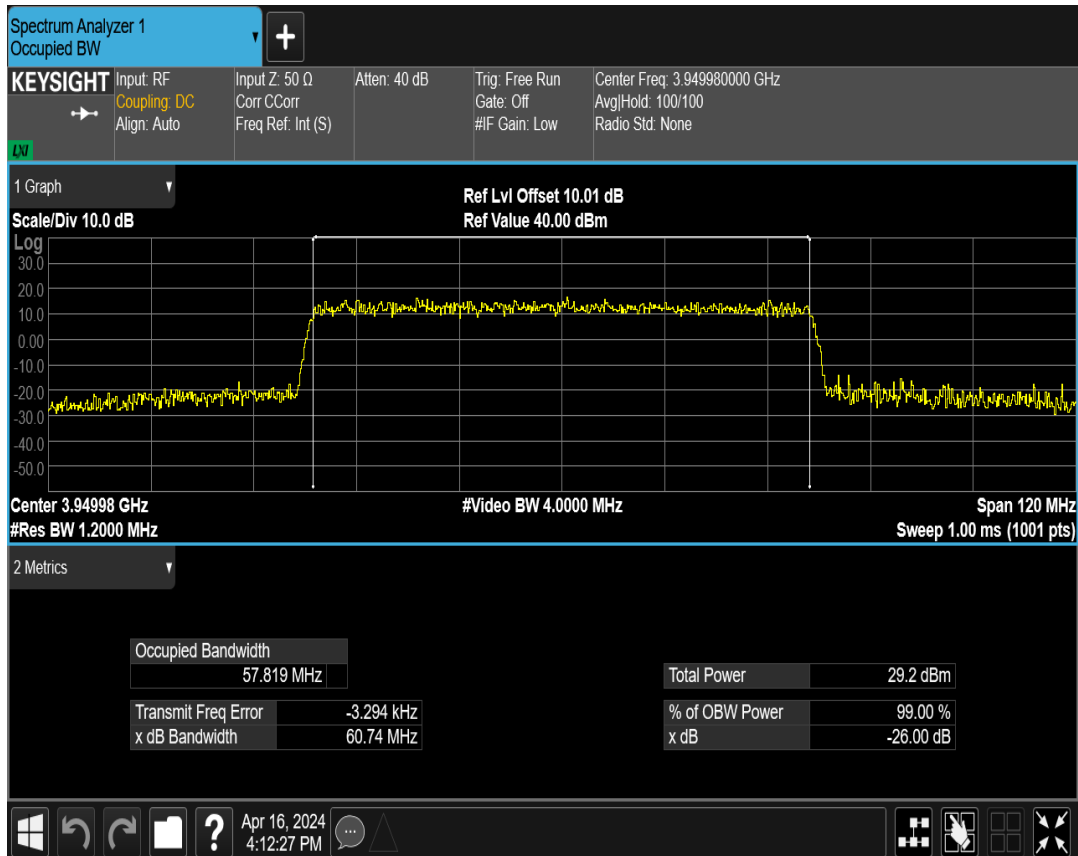
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=663332 RB=162@0



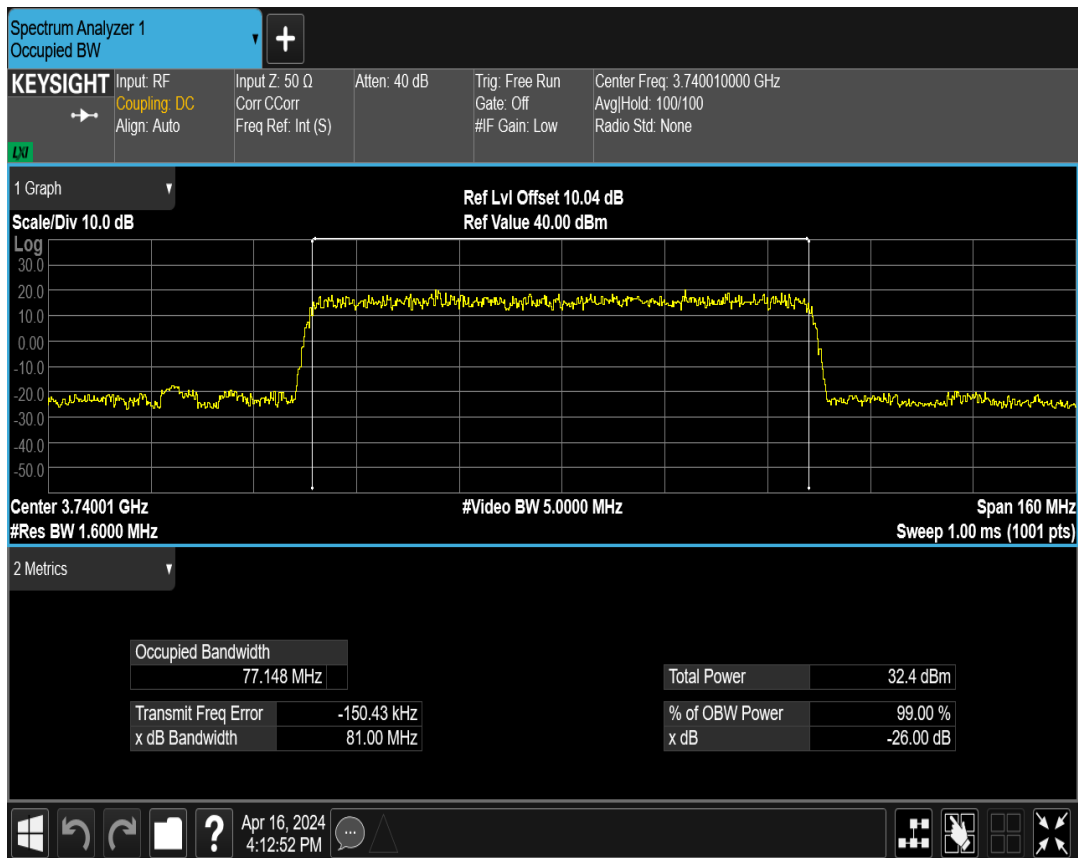
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=60MHz Channel=663332 RB=162@0



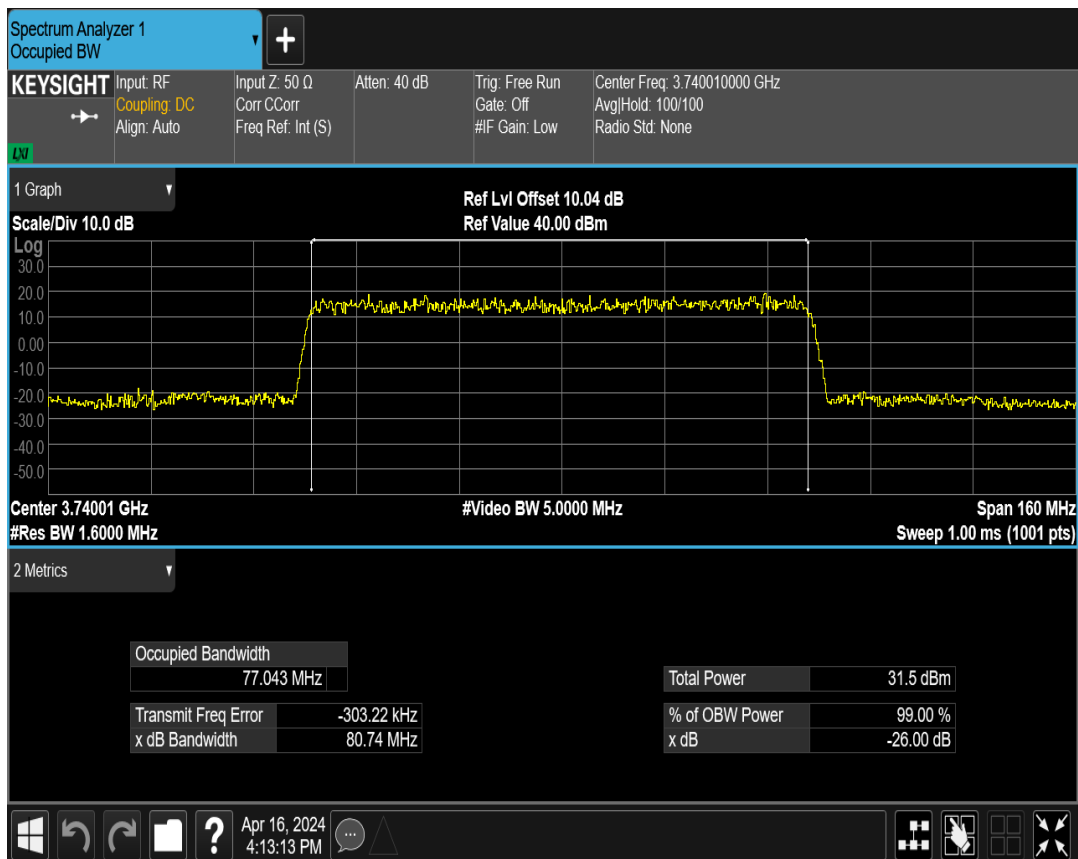
n77(3700-3980) SCS=30kHz CP\_QPSK BW=60MHz Channel=663332 RB=162@0



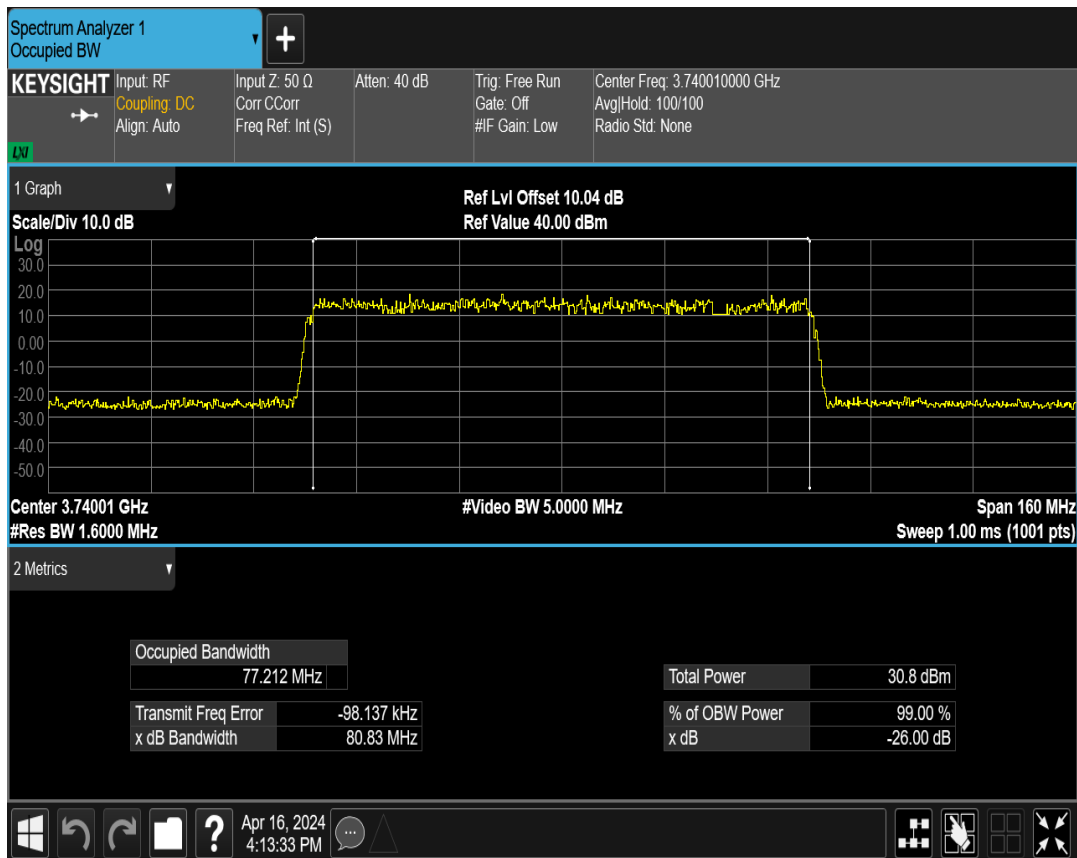
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=80MHz Channel=649334 RB=216@0



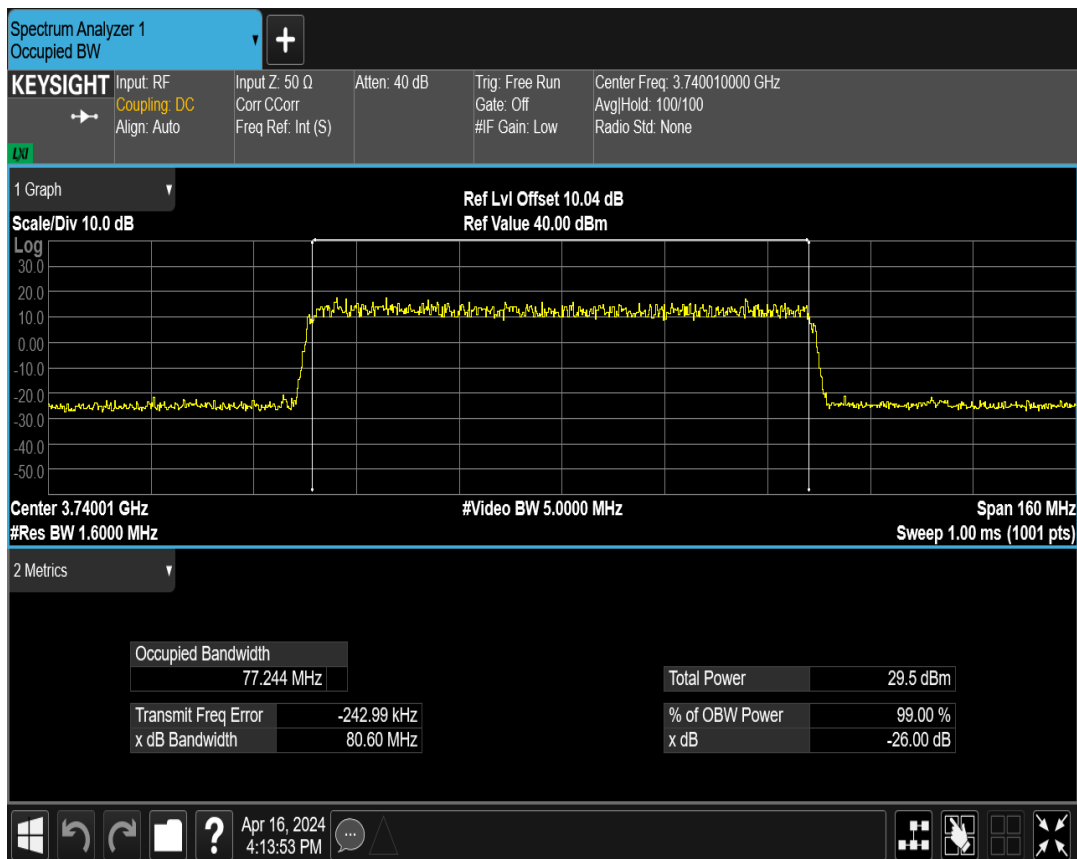
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=80MHz Channel=649334 RB=216@0



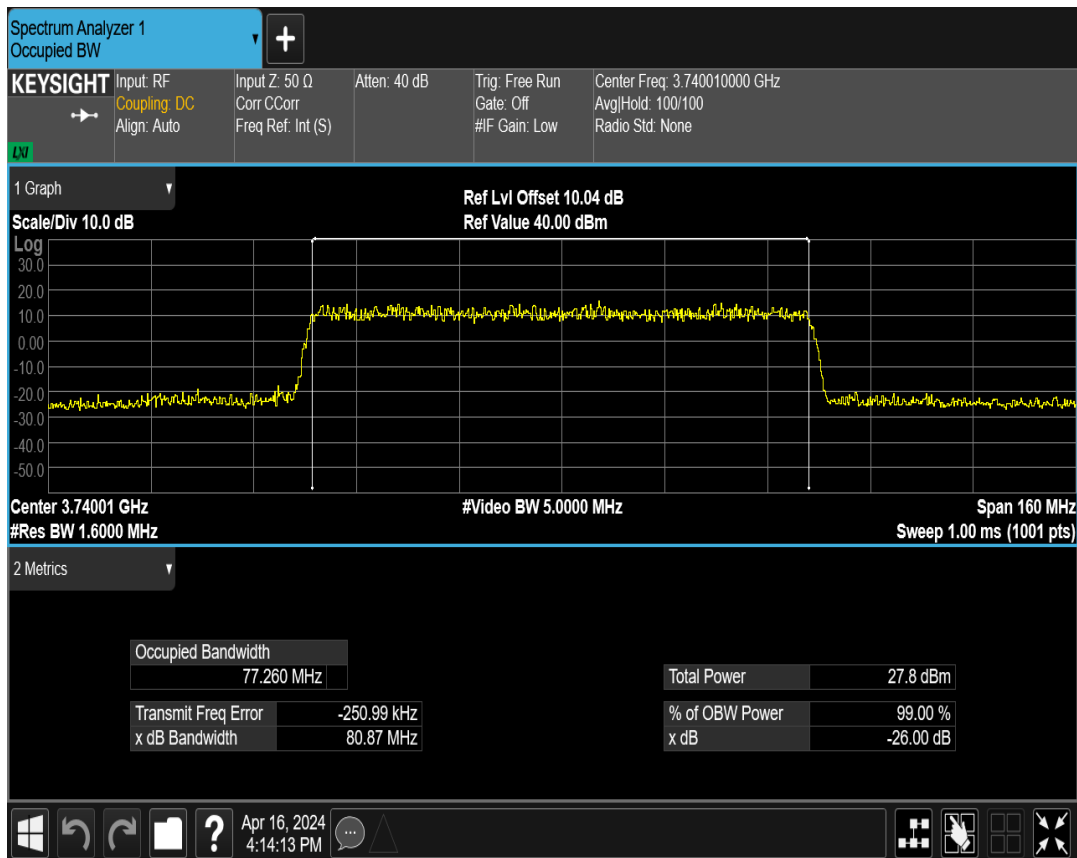
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=80MHz Channel=649334 RB=216@0



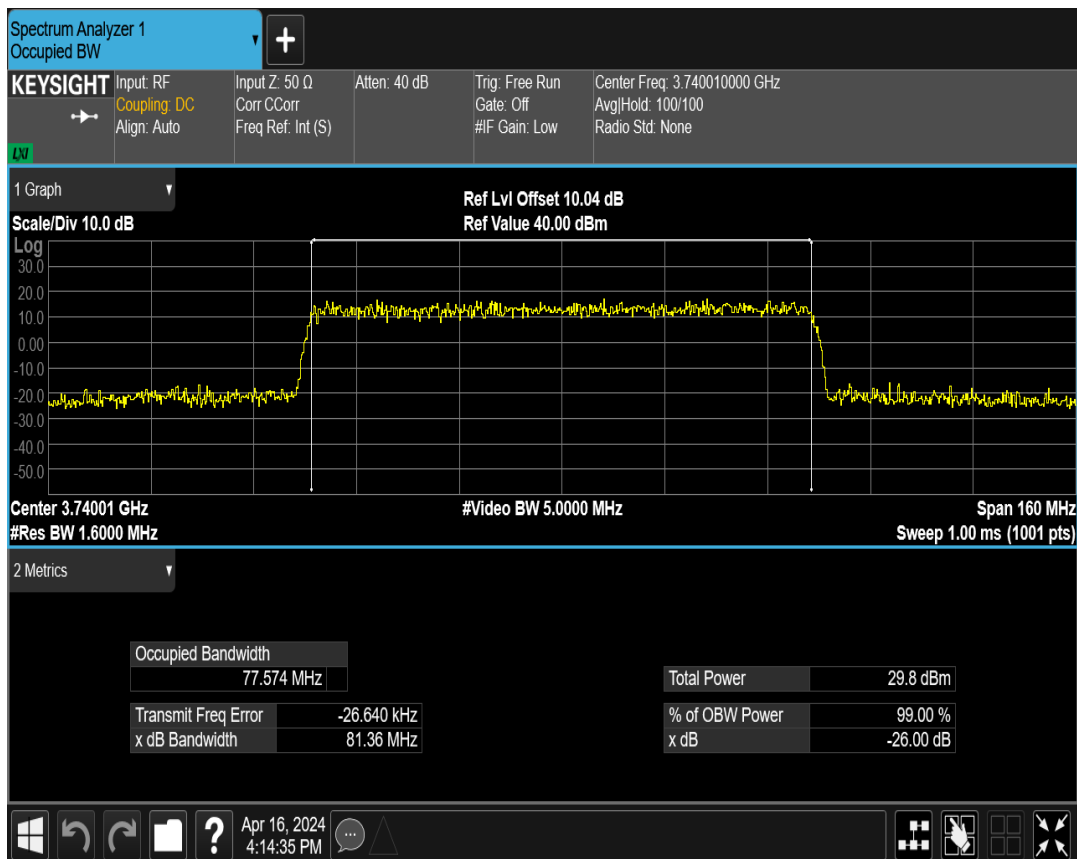
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=649334 RB=216@0



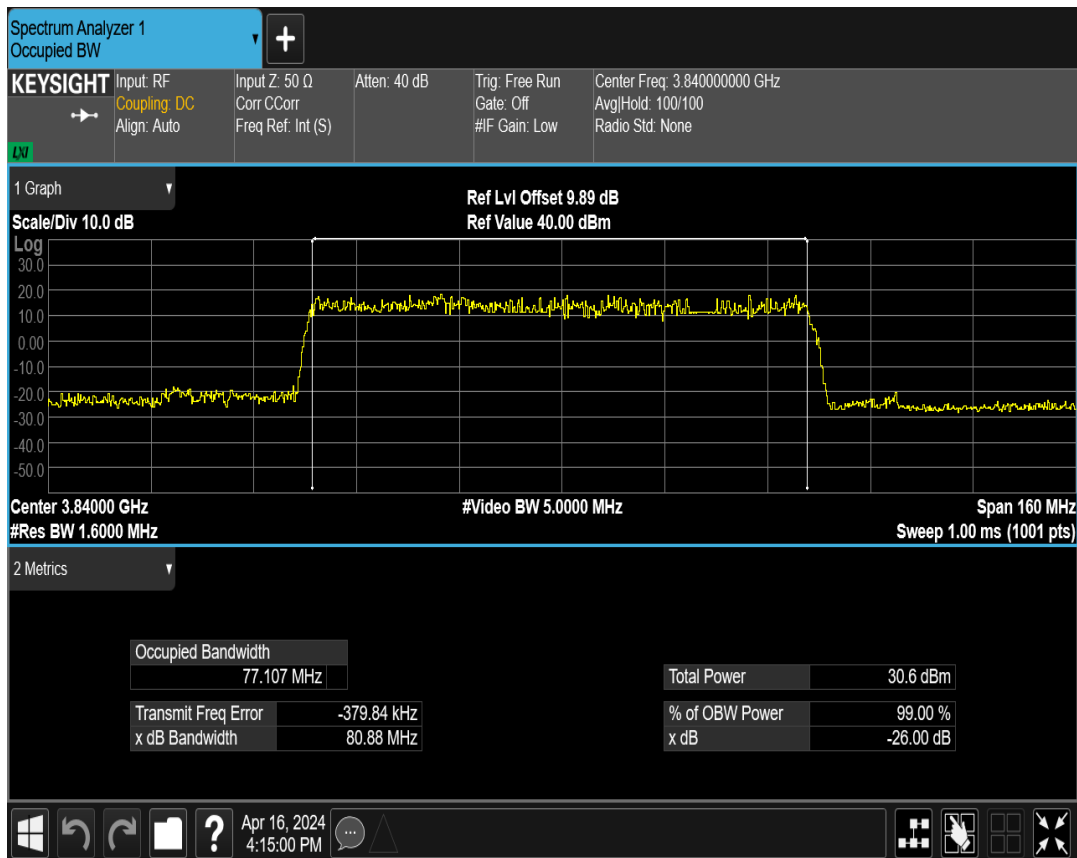
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=649334 RB=216@0



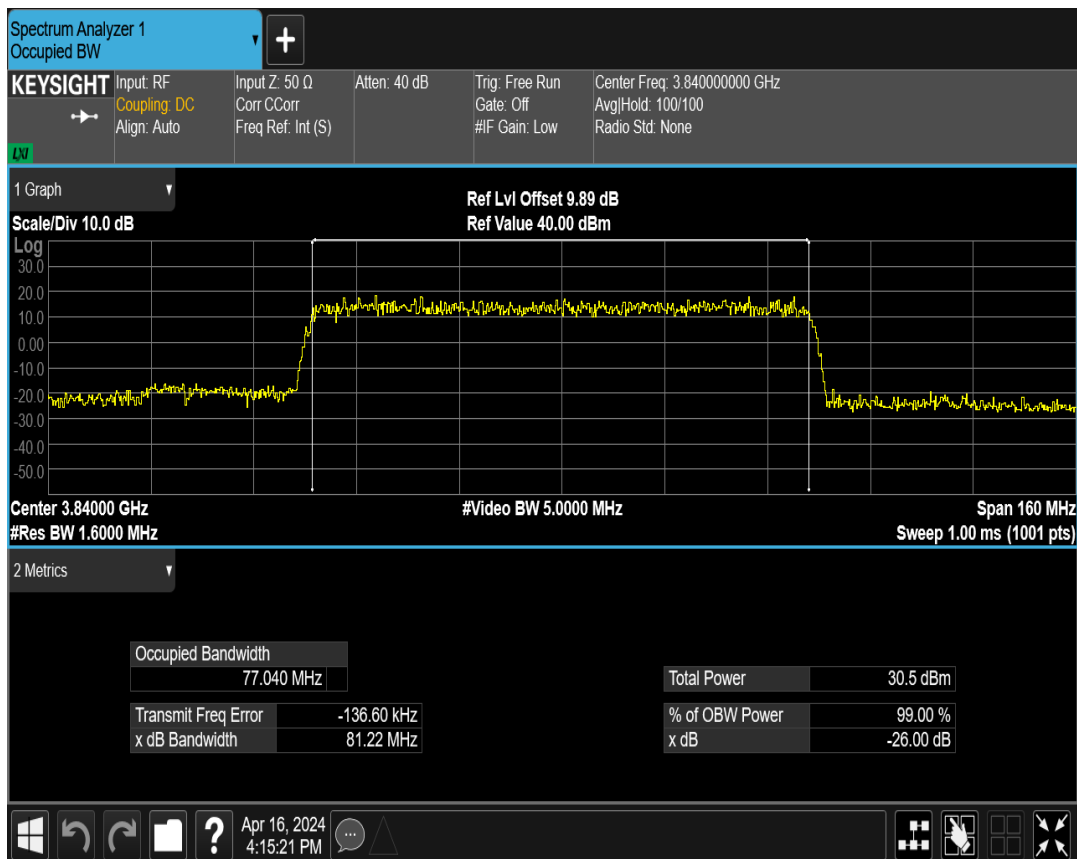
n77(3700-3980) SCS=30kHz CP\_QPSK BW=80MHz Channel=649334 RB=217@0



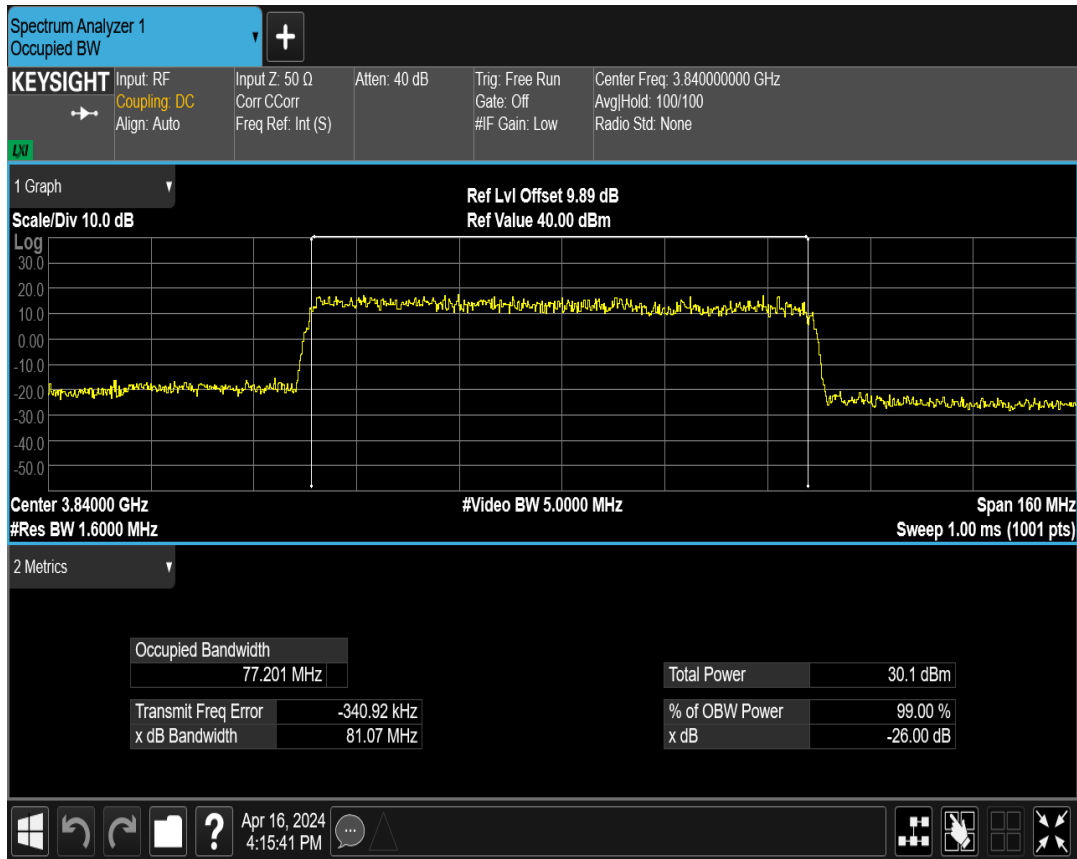
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=80MHz Channel=656000 RB=216@0



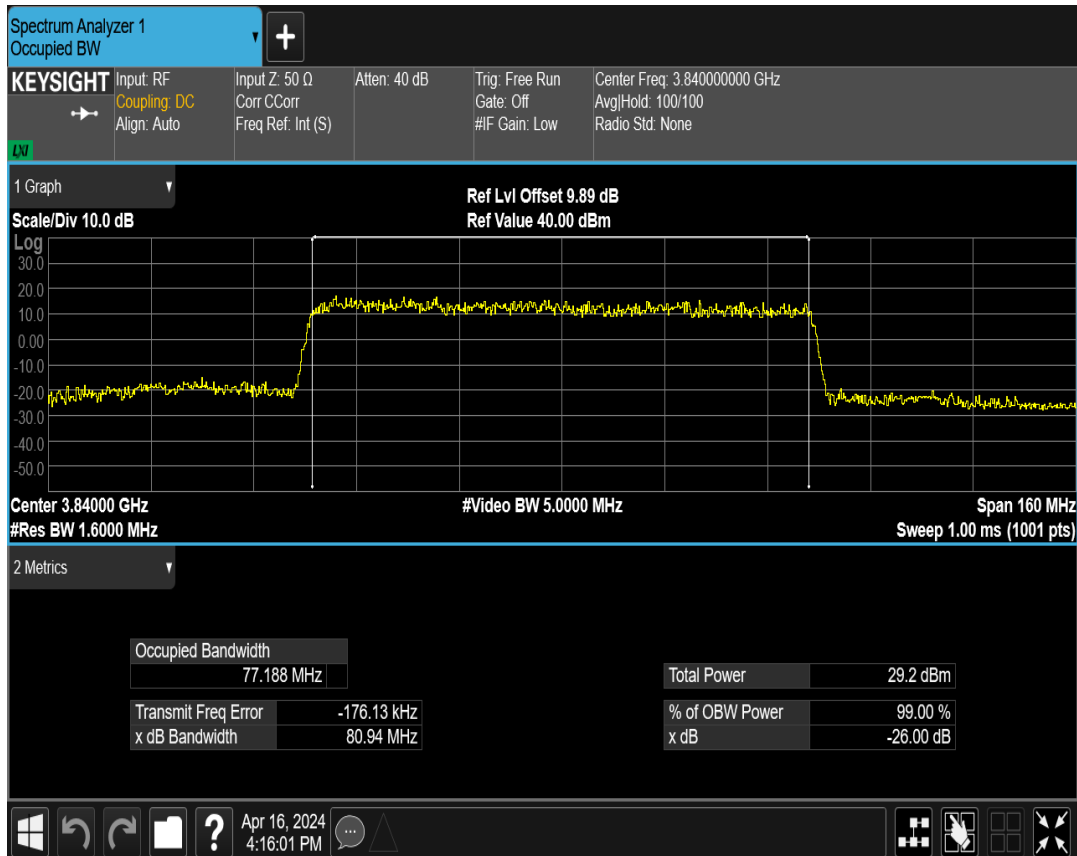
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=80MHz Channel=656000 RB=216@0



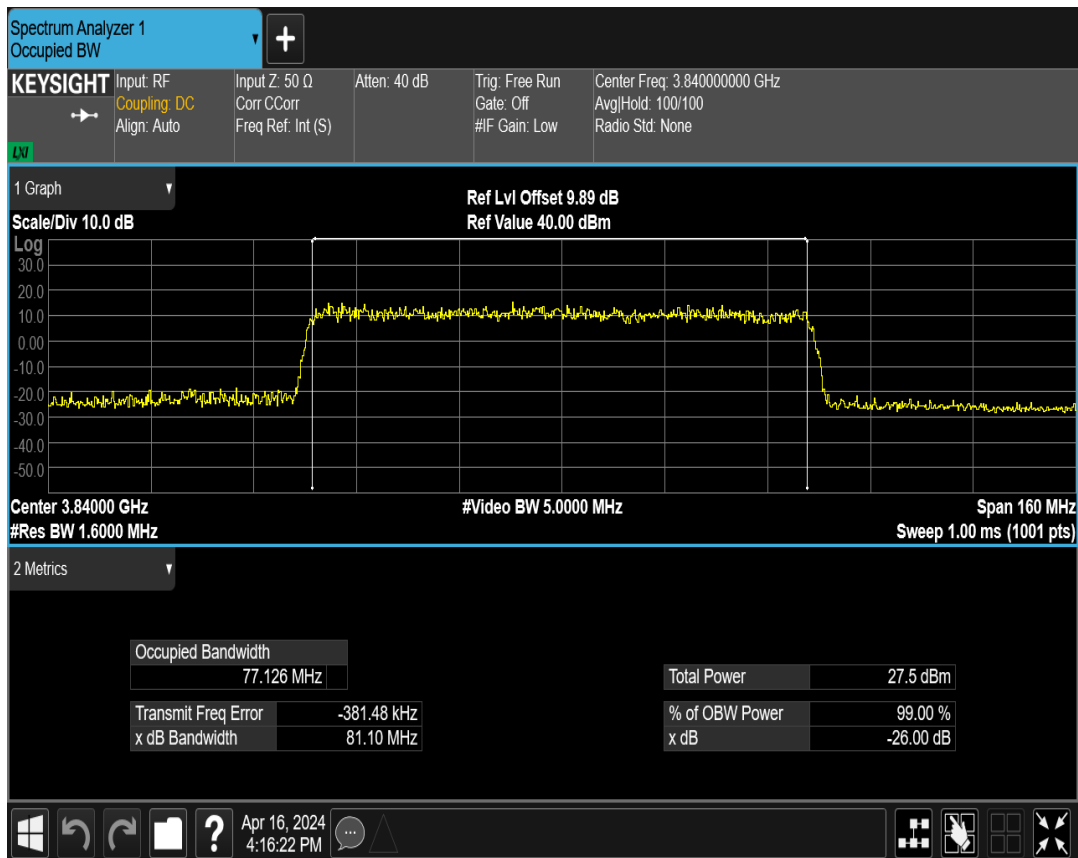
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=80MHz Channel=656000 RB=216@0



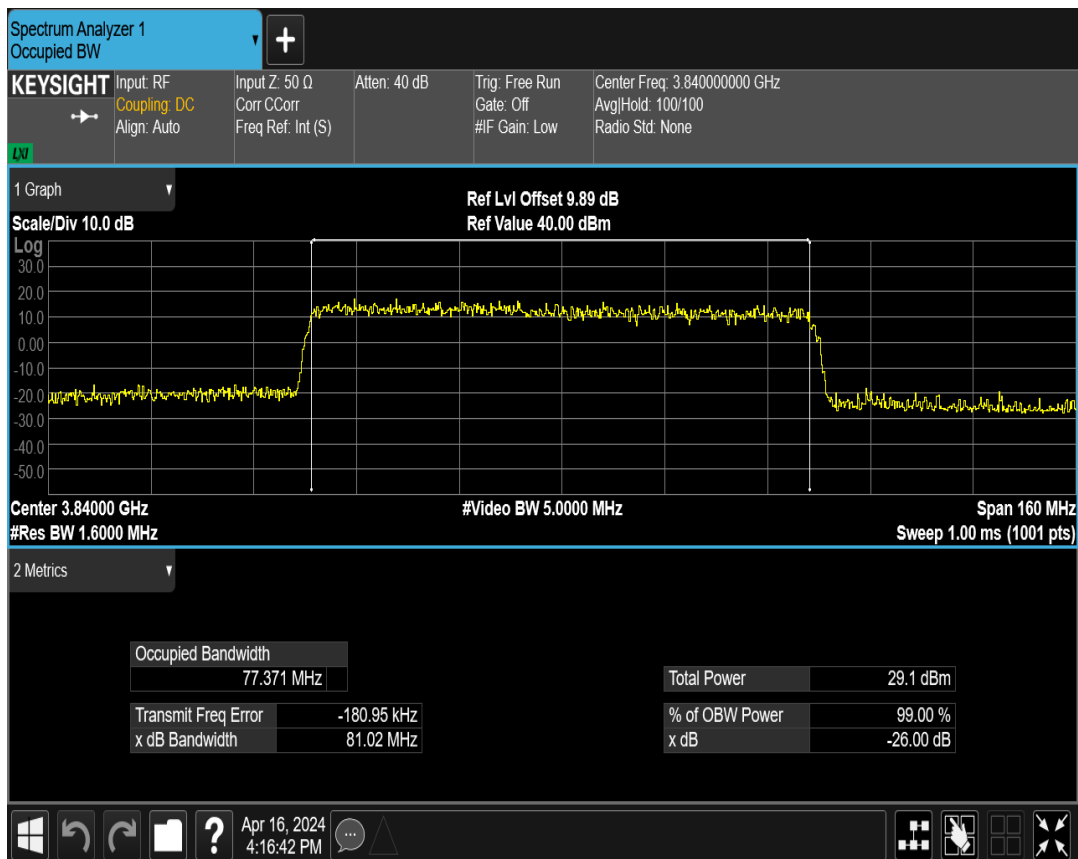
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=656000 RB=216@0



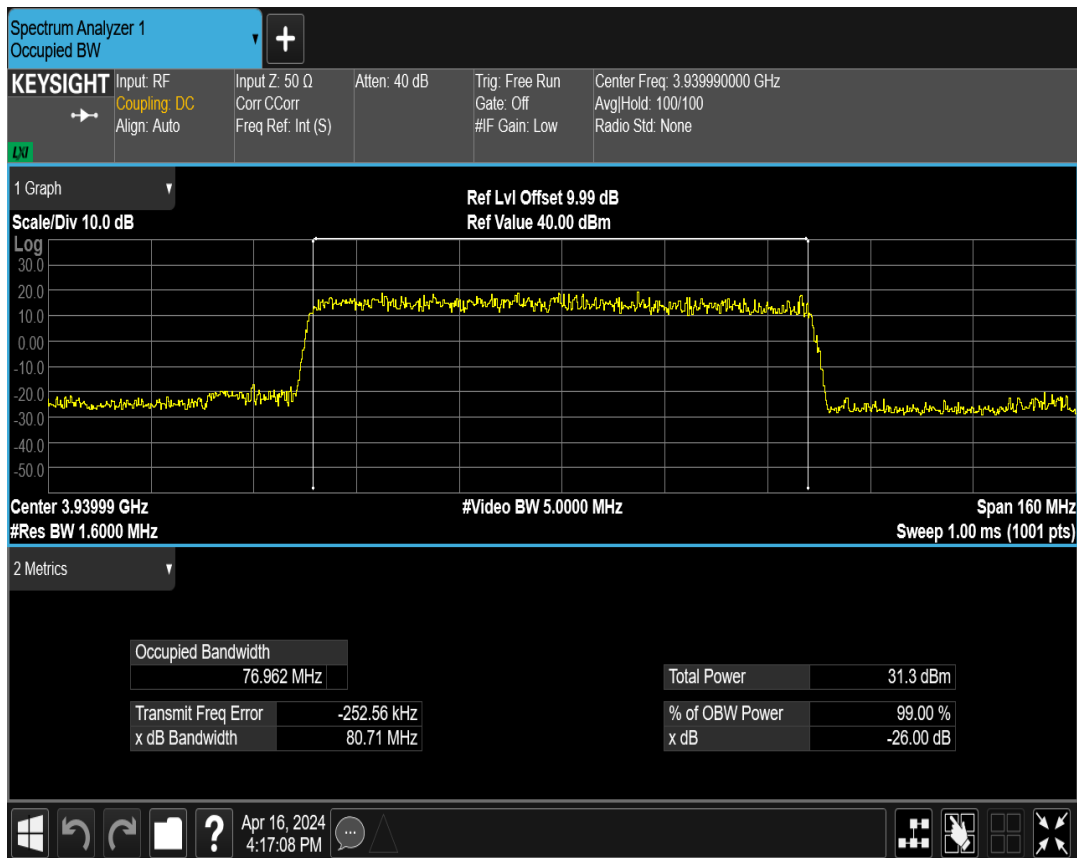
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=656000 RB=216@0



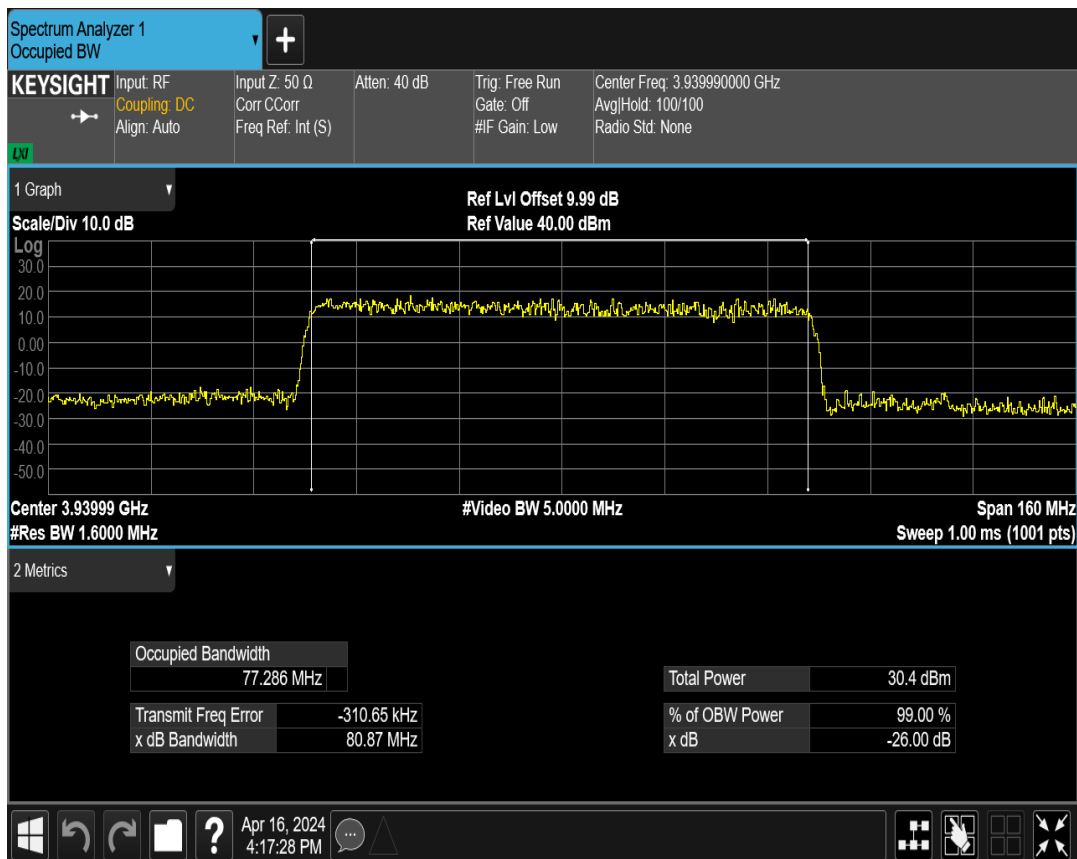
n77(3700-3980) SCS=30kHz CP\_QPSK BW=80MHz Channel=656000 RB=217@0



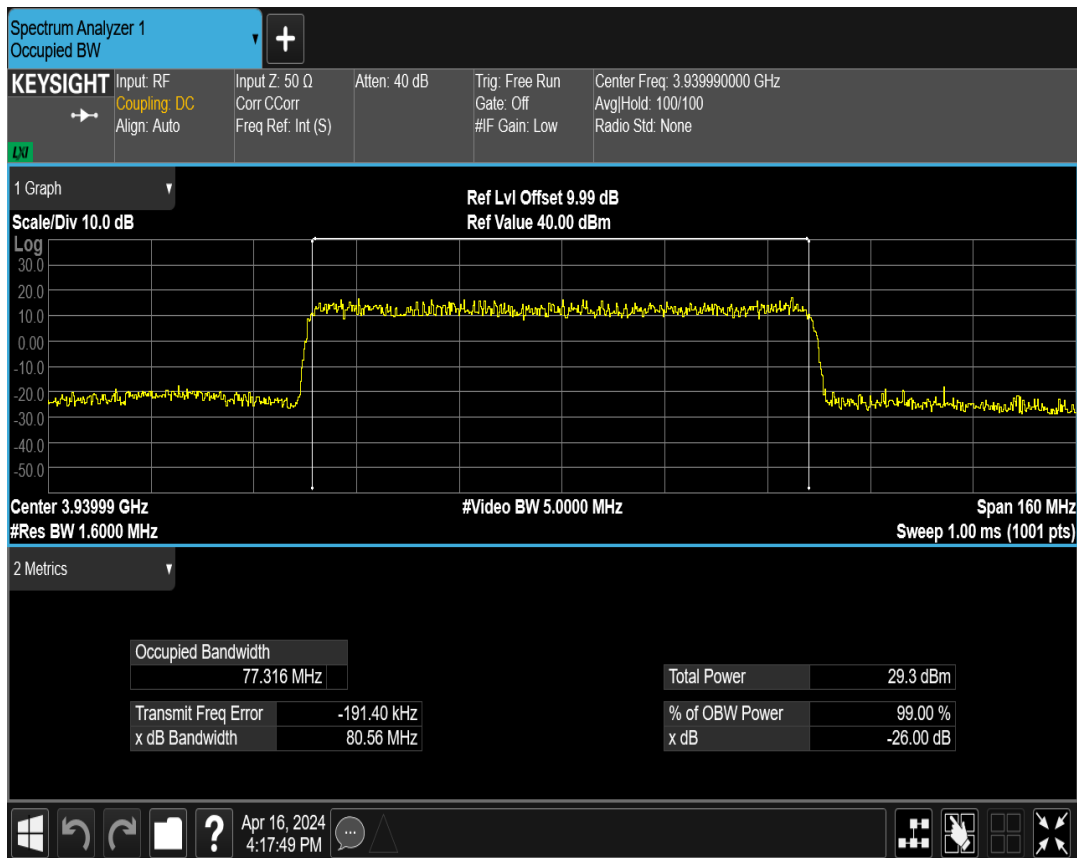
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=80MHz Channel=662666 RB=216@0



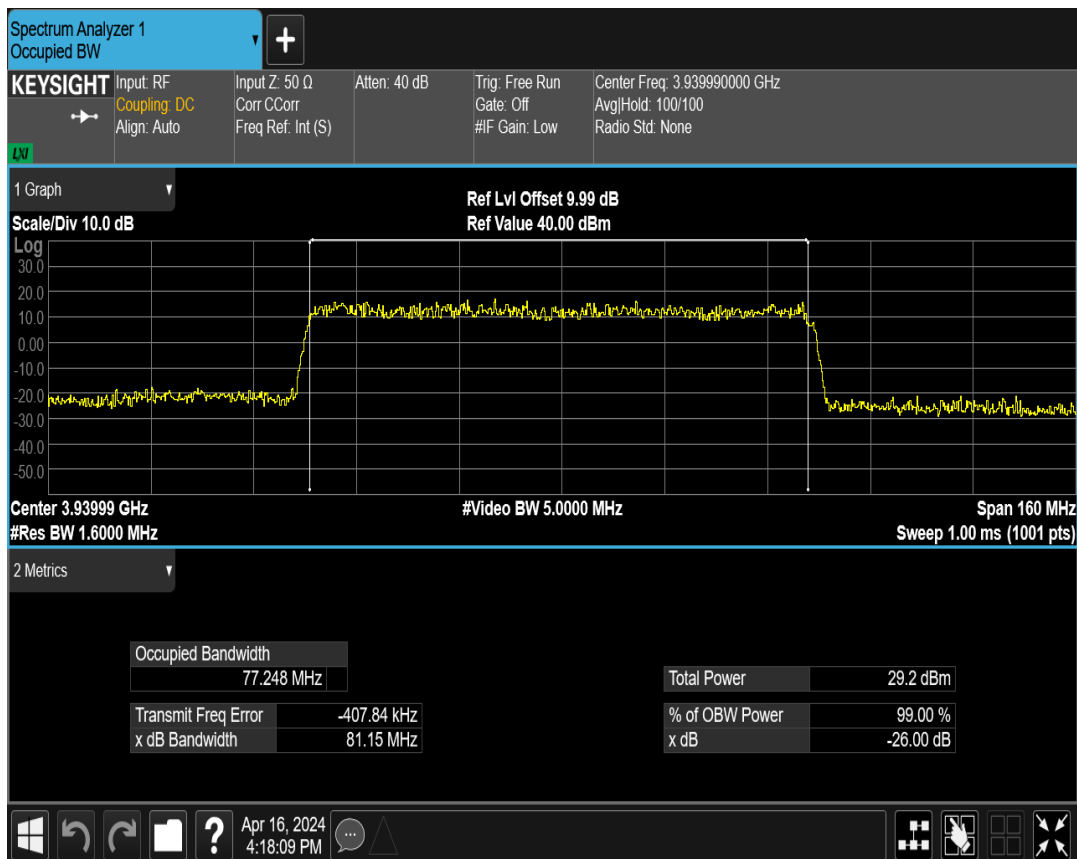
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=80MHz Channel=662666 RB=216@0



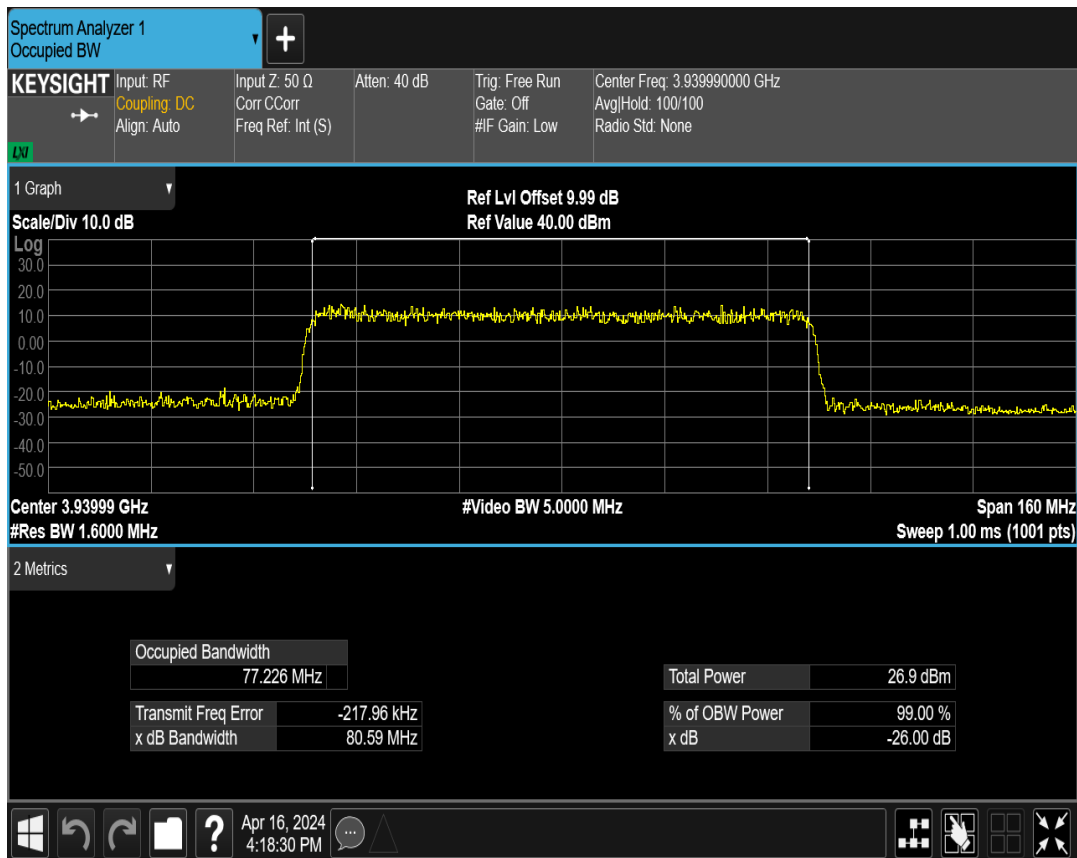
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=80MHz Channel=662666 RB=216@0



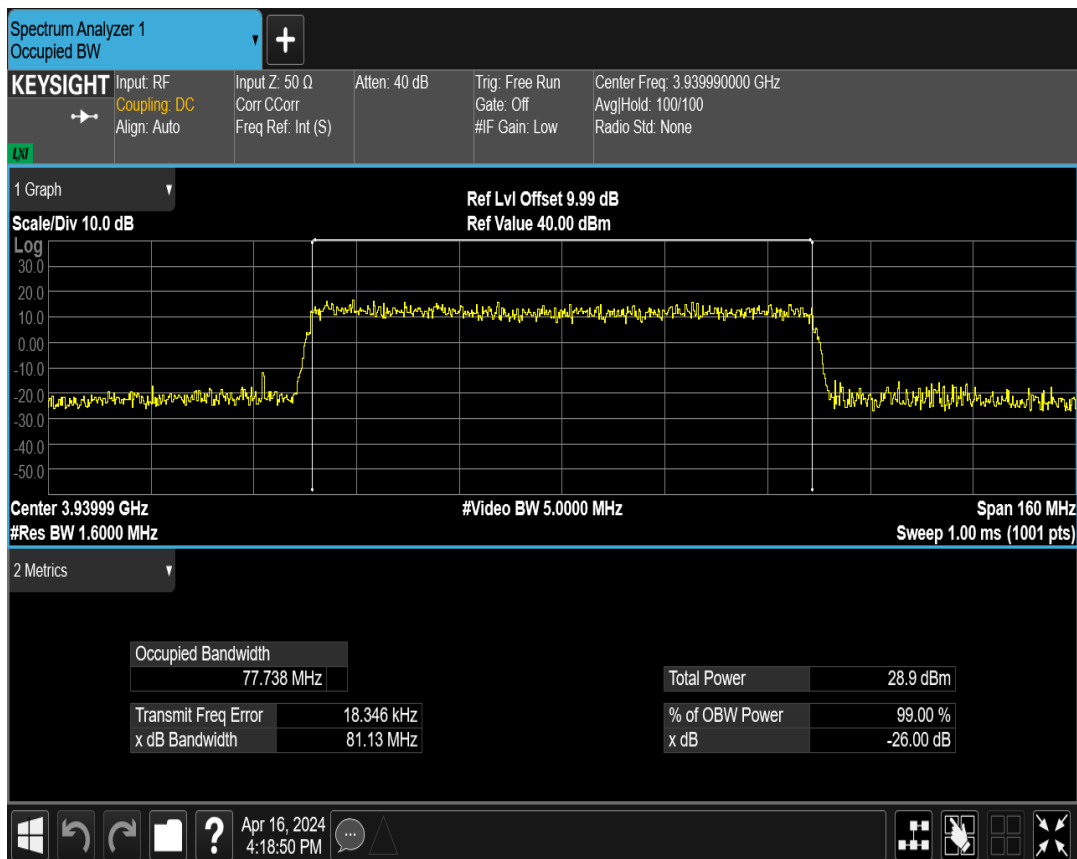
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=662666 RB=216@0



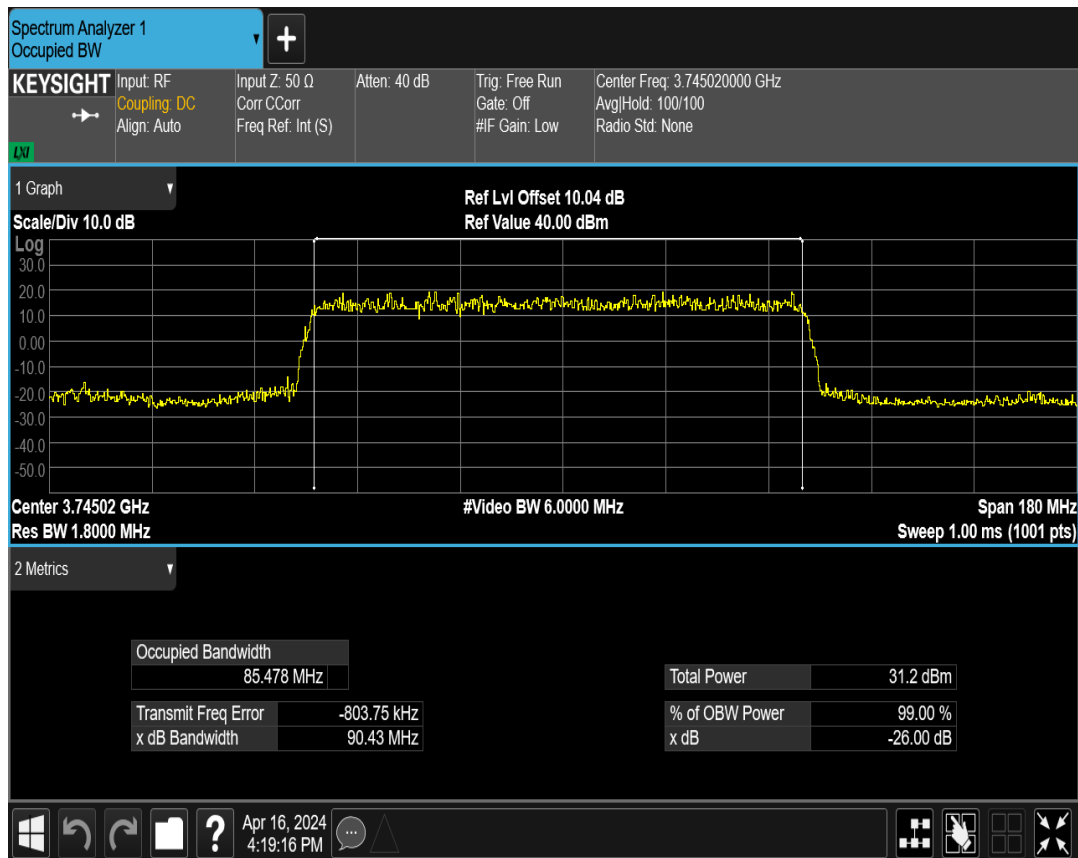
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=662666 RB=216@0



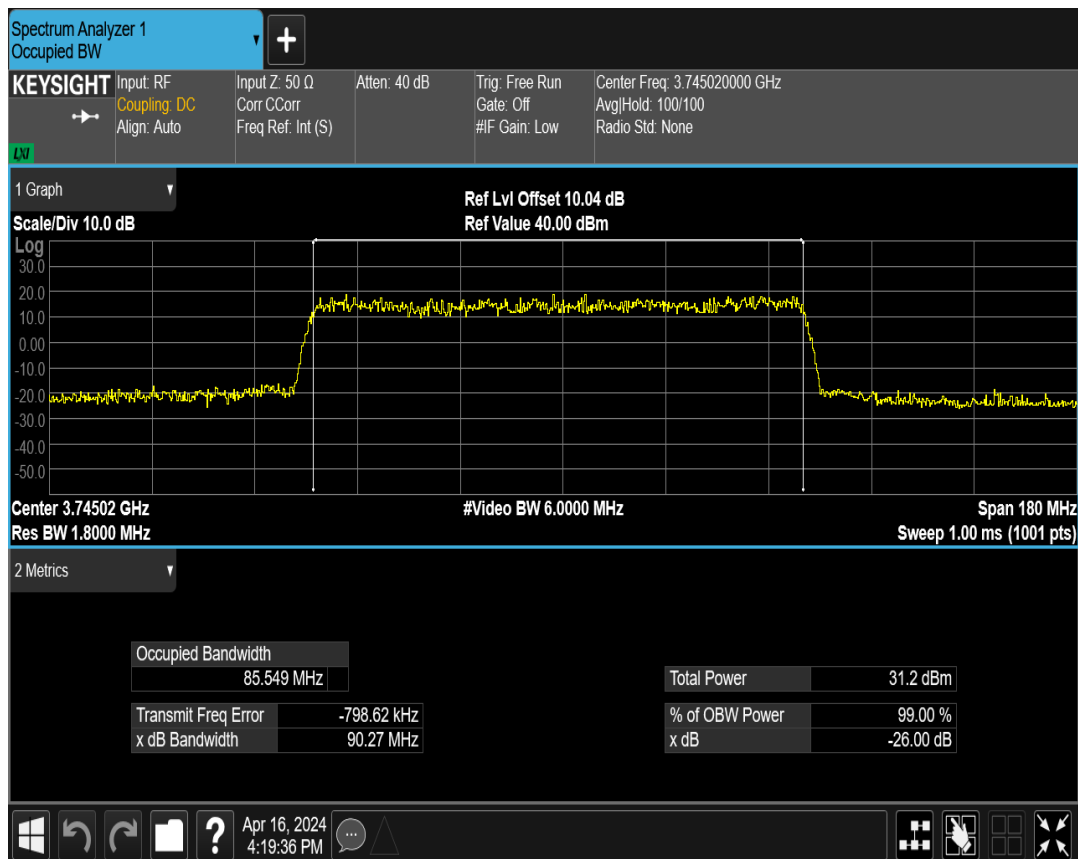
n77(3700-3980) SCS=30kHz CP\_QPSK BW=80MHz Channel=662666 RB=217@0



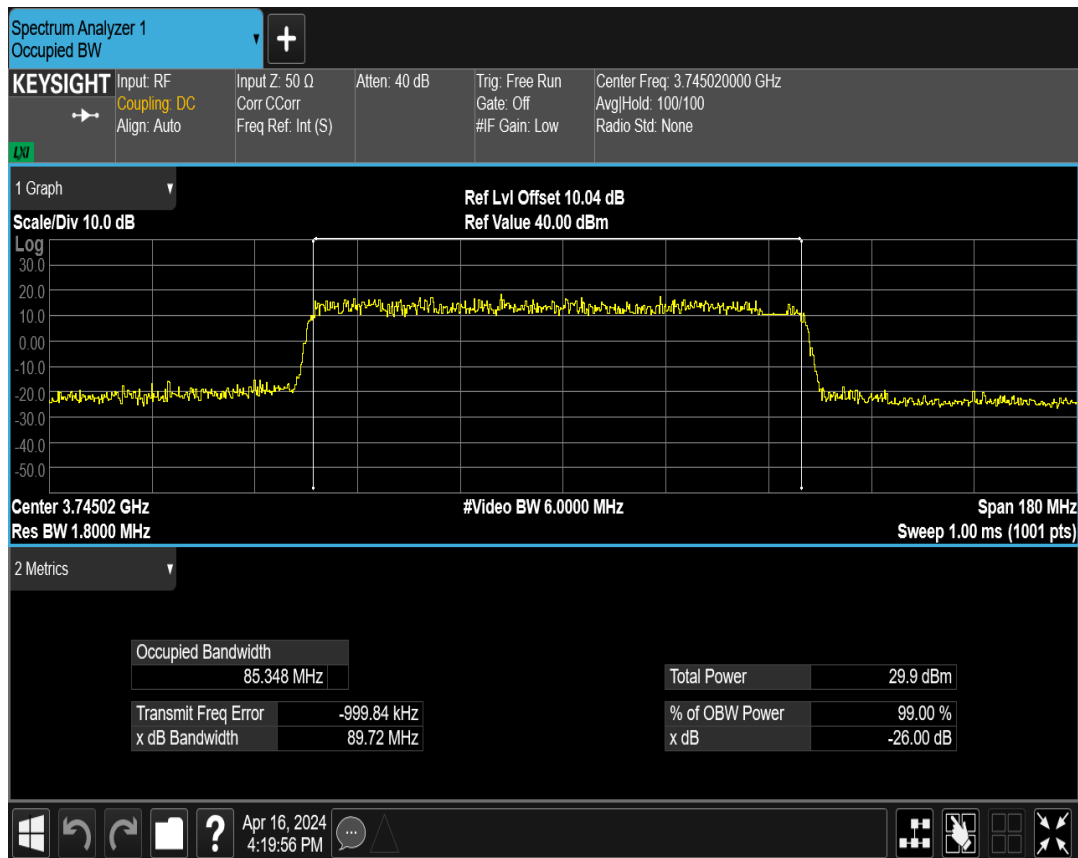
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=90MHz Channel=649668 RB=240@0



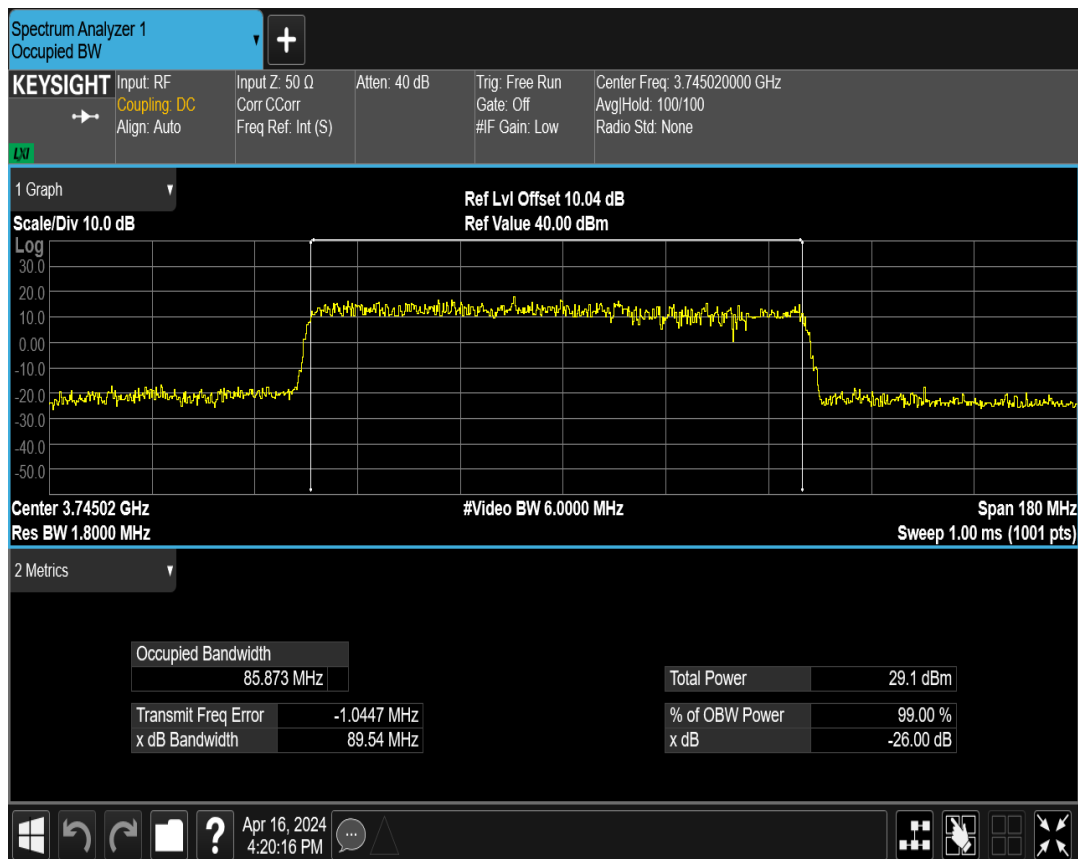
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=90MHz Channel=649668 RB=240@0



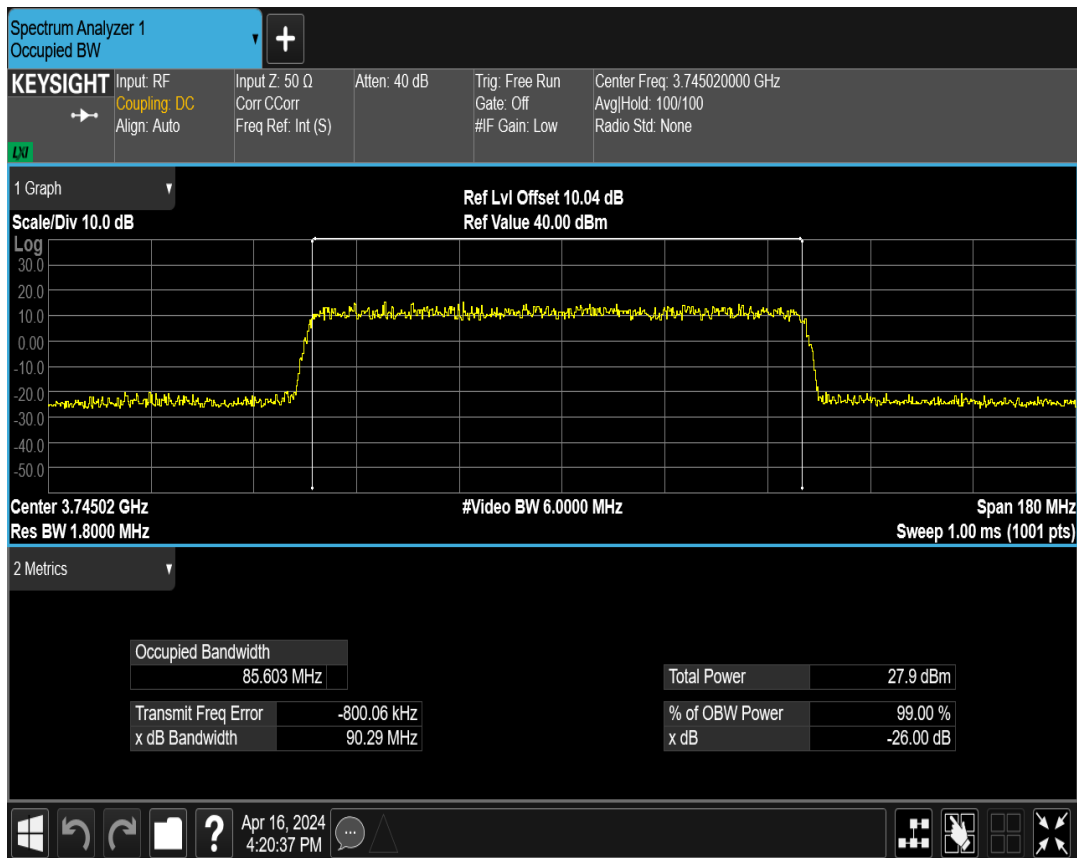
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=649668 RB=240@0



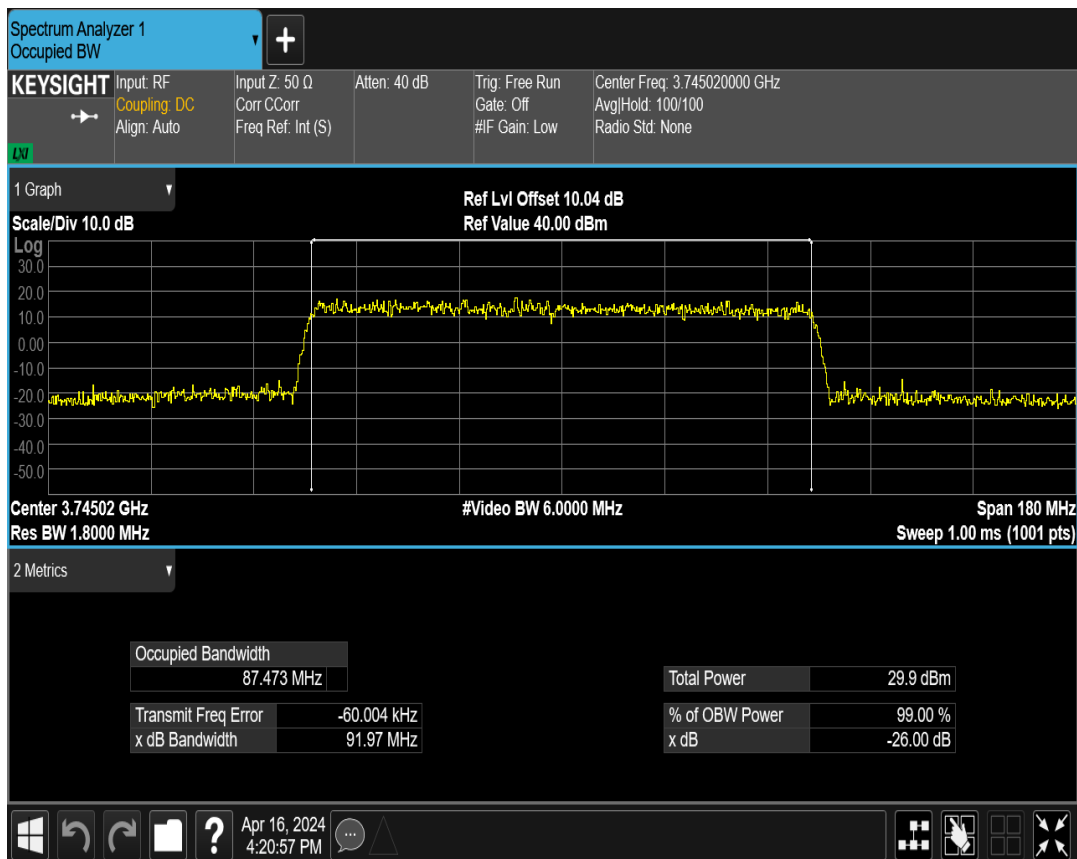
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=649668 RB=240@0



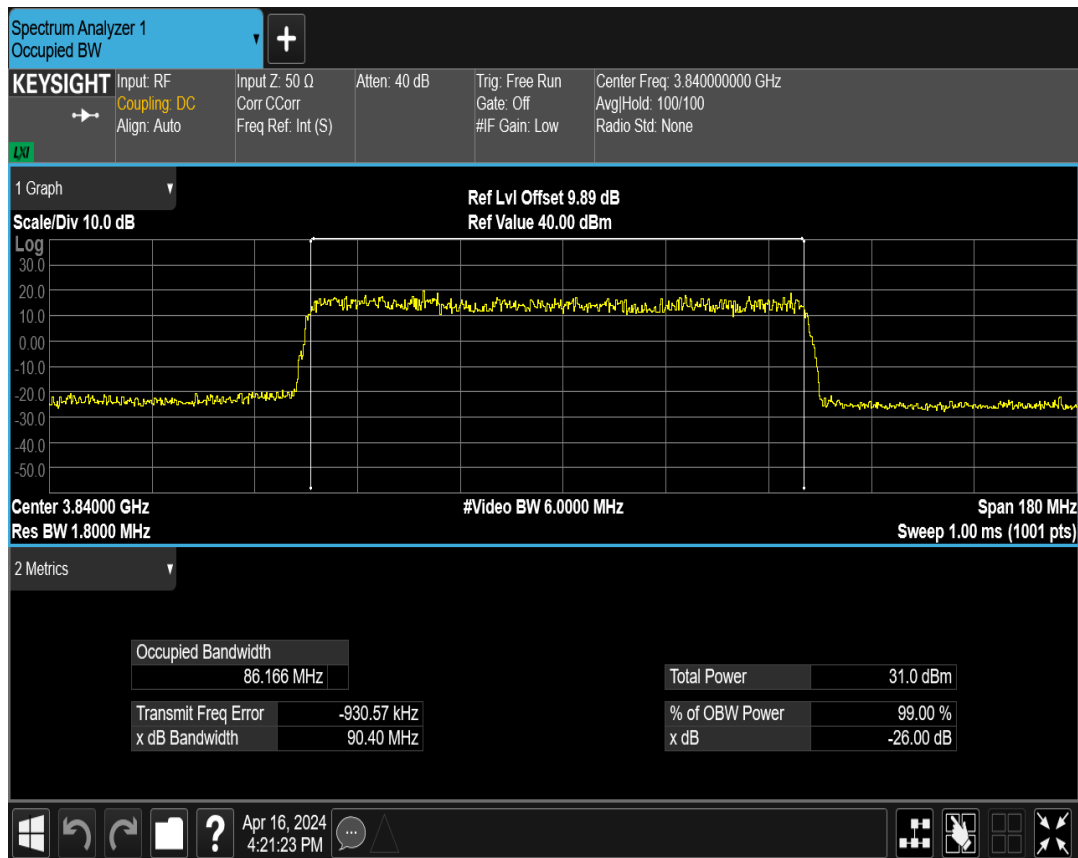
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=649668 RB=240@0



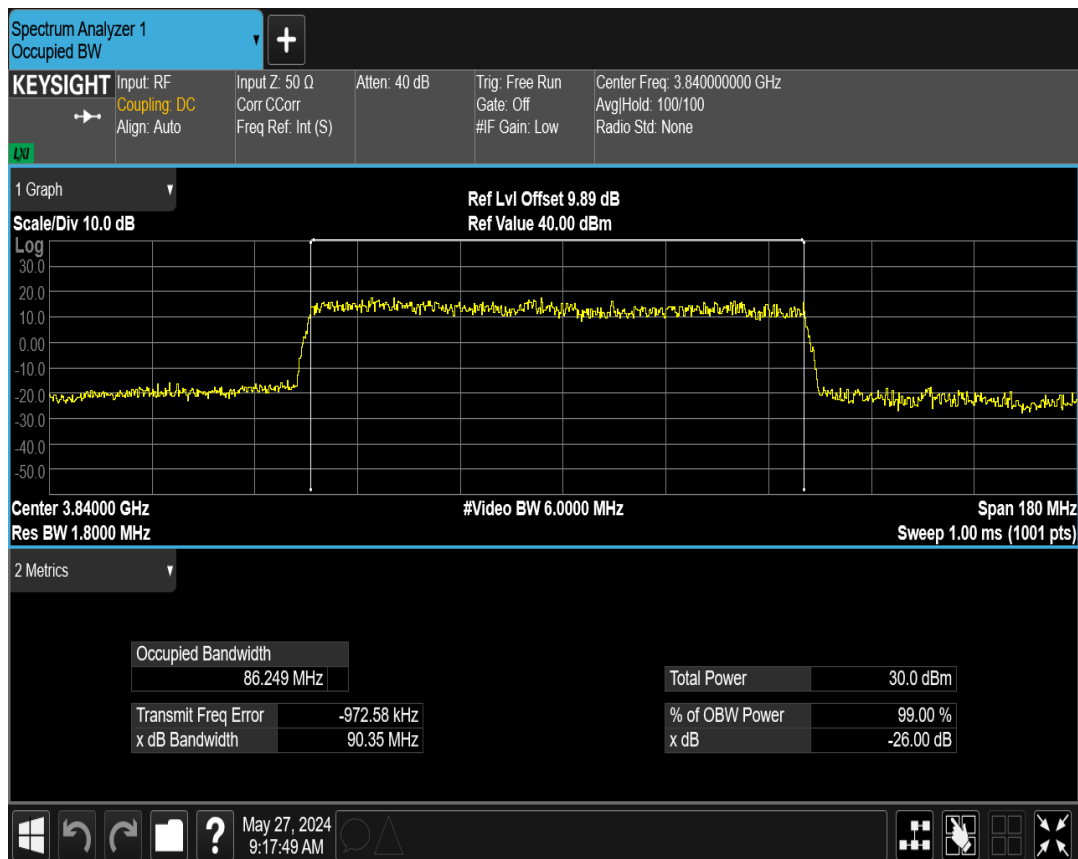
n77(3700-3980) SCS=30kHz CP\_QPSK BW=90MHz Channel=649668 RB=245@0



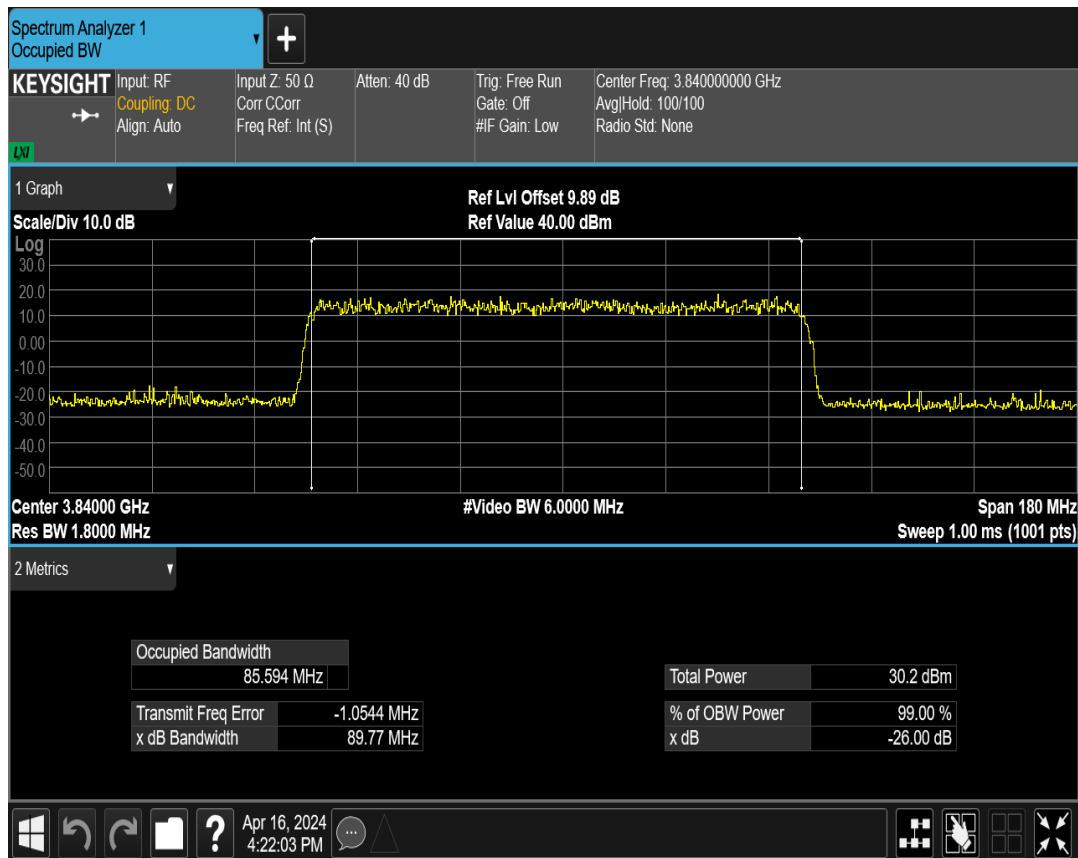
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=90MHz Channel=656000 RB=240@0



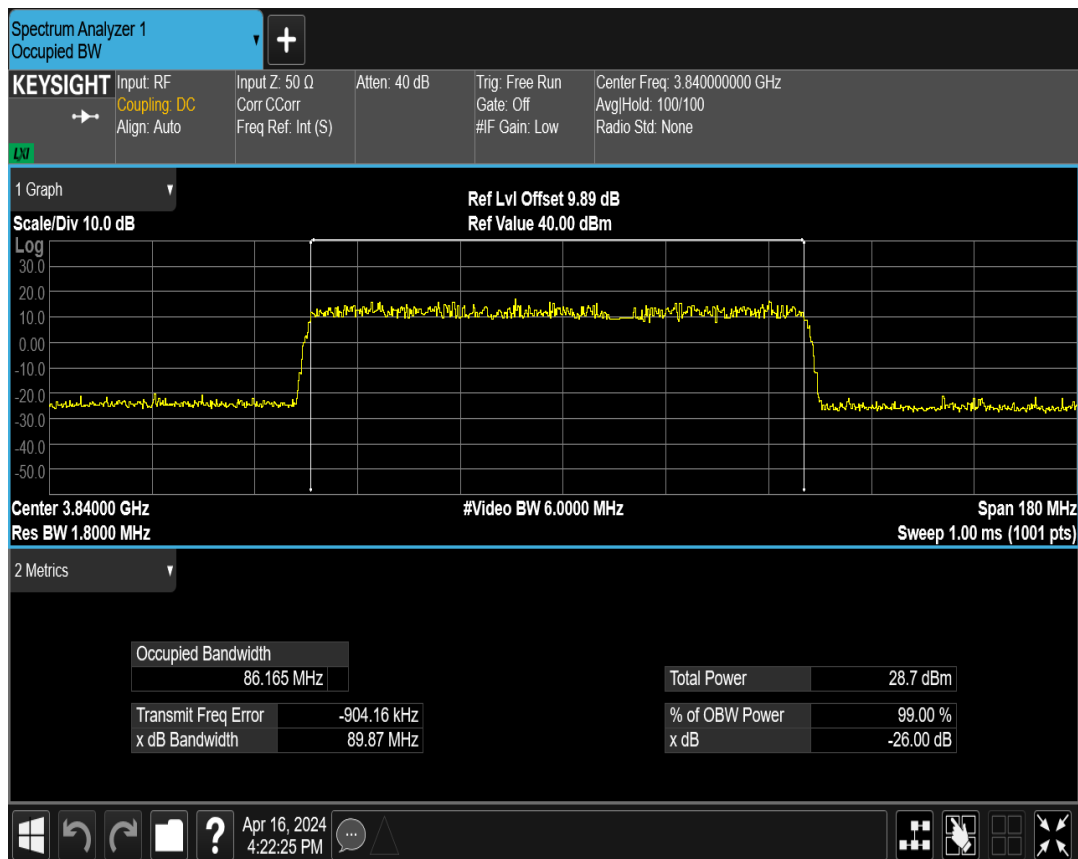
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=90MHz Channel=656000 RB=240@0



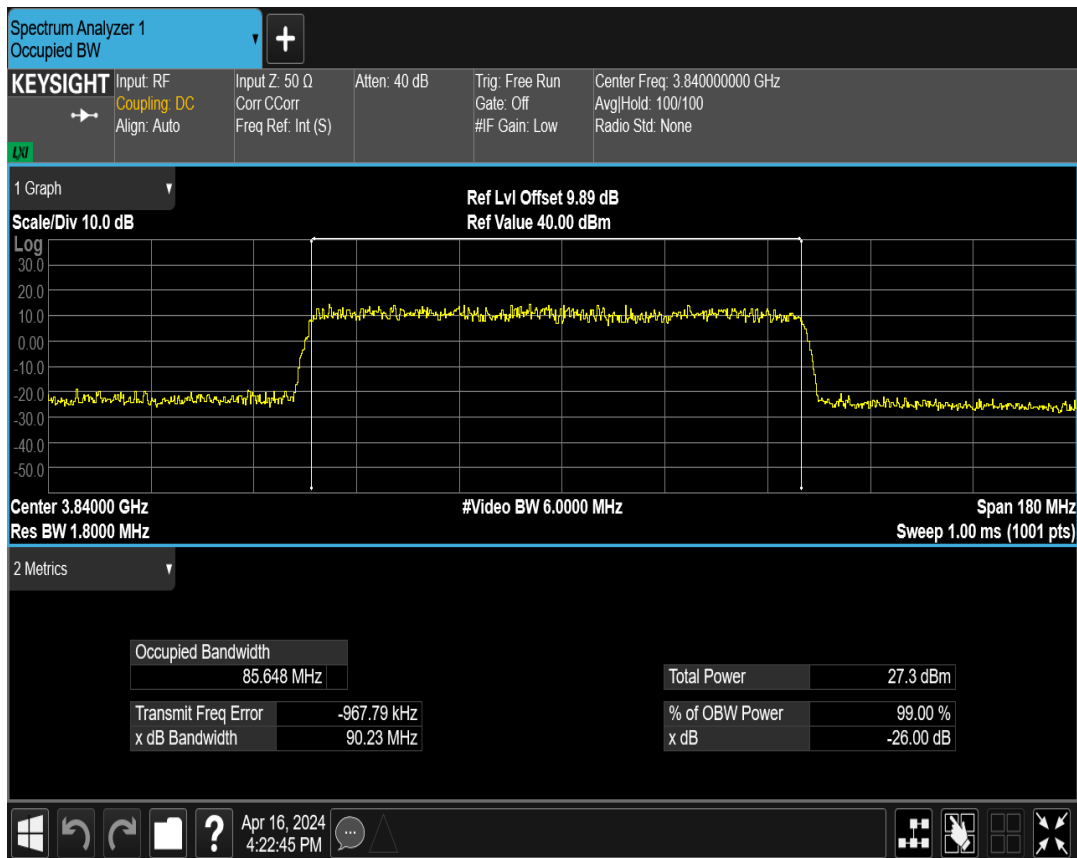
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=656000 RB=240@0



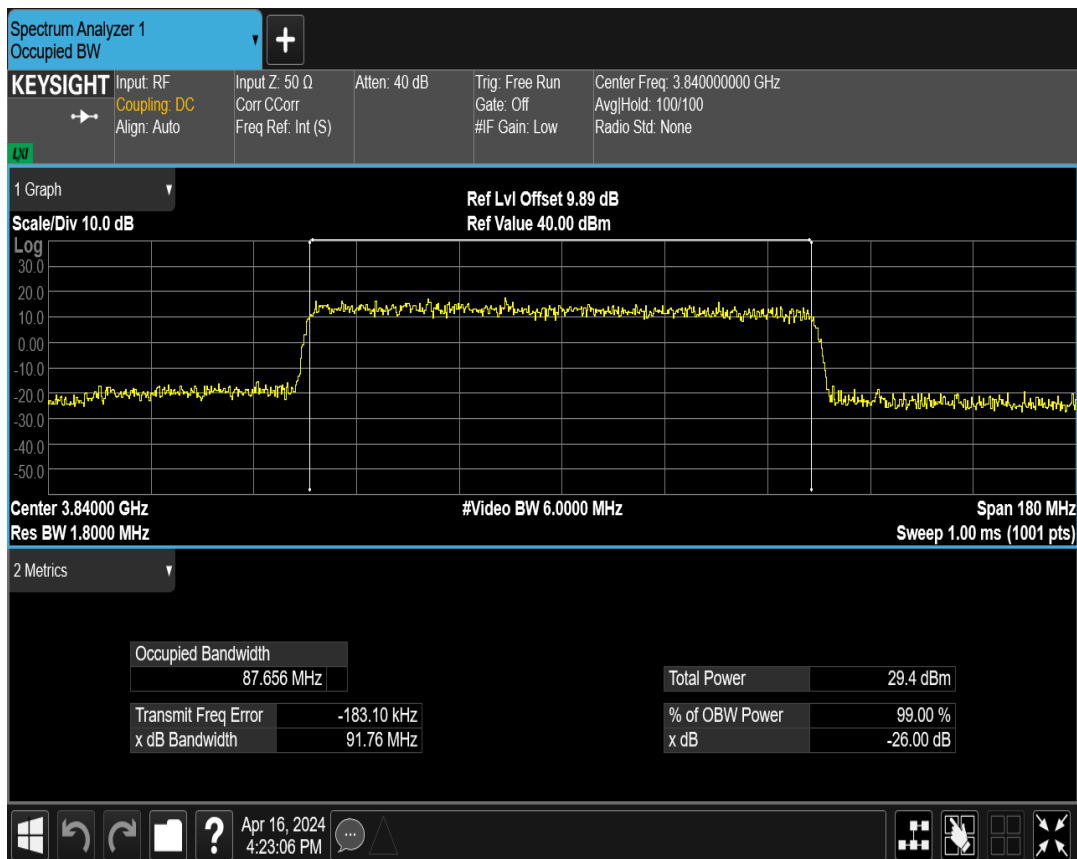
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=656000 RB=240@0



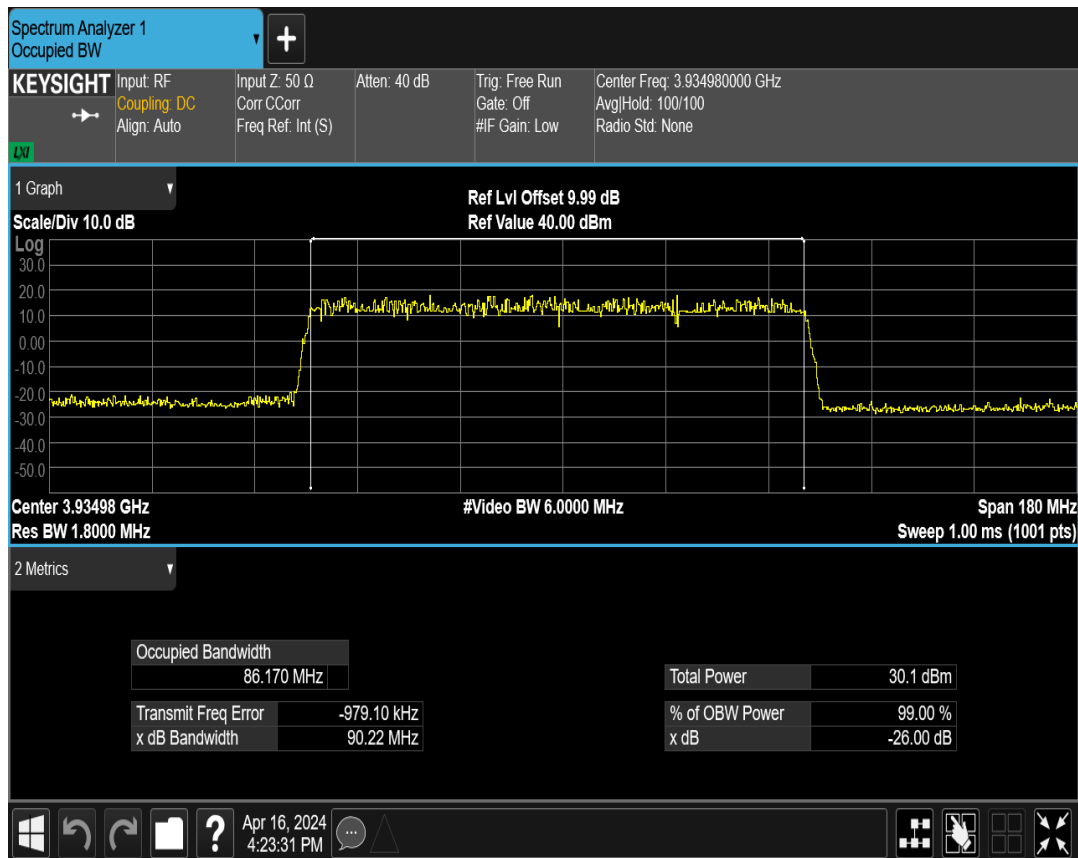
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=656000 RB=240@0



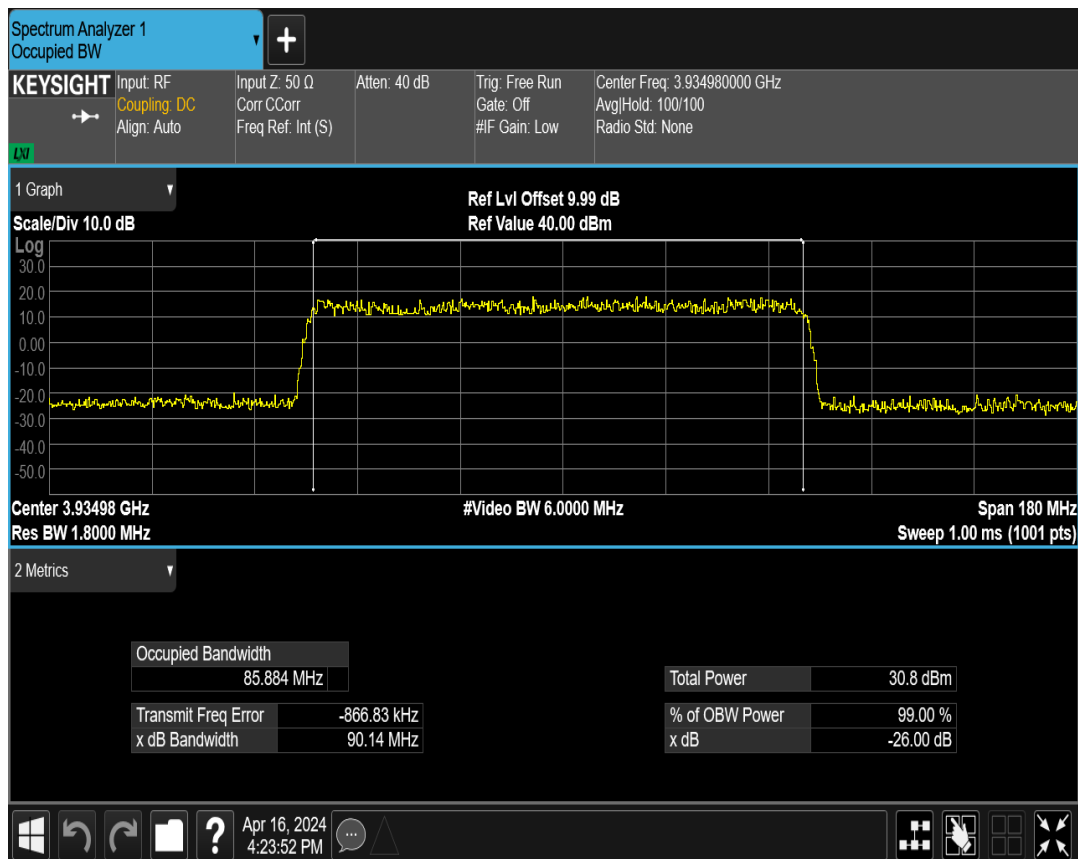
n77(3700-3980) SCS=30kHz CP\_QPSK BW=90MHz Channel=656000 RB=245@0



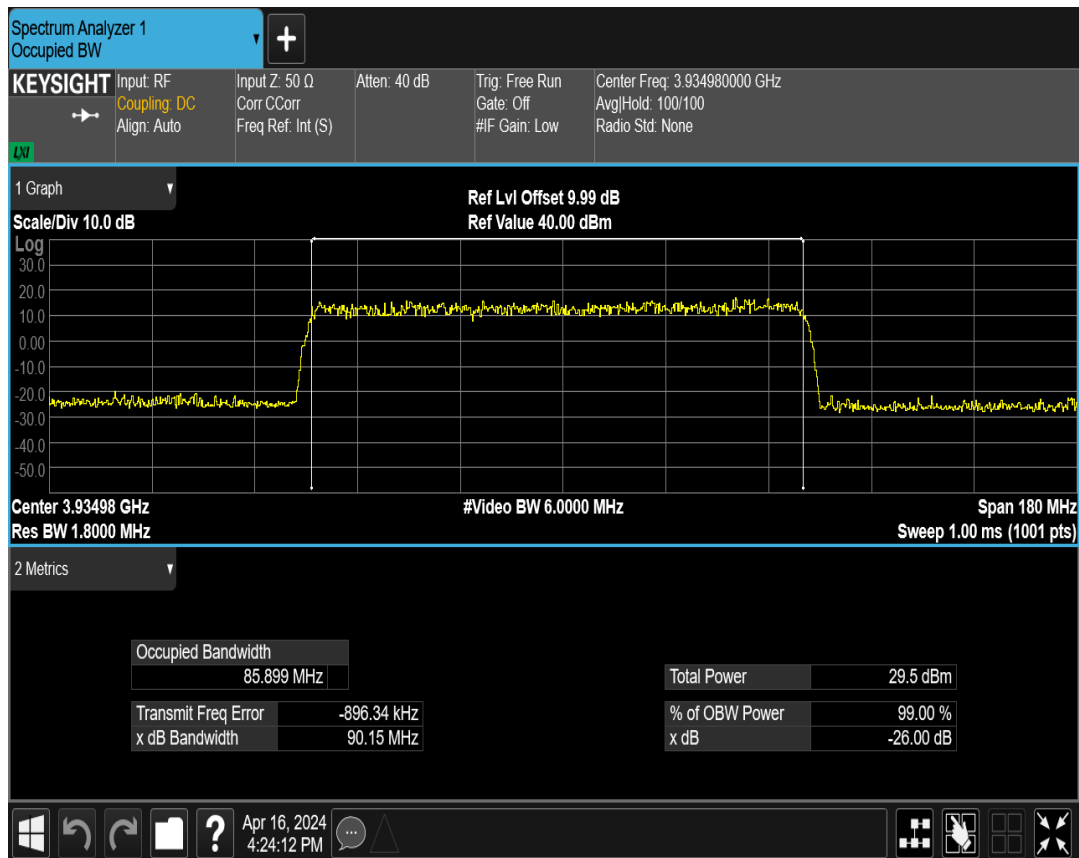
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=90MHz Channel=662332 RB=240@0



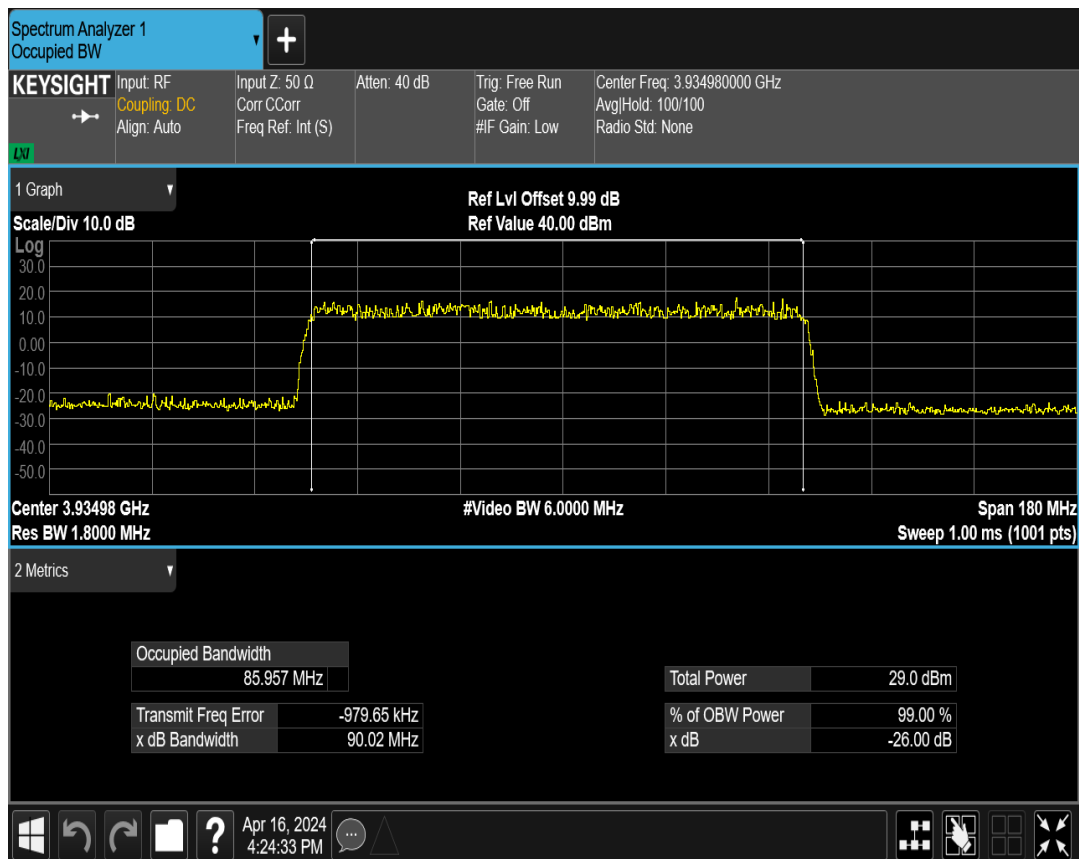
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=90MHz Channel=662332 RB=240@0



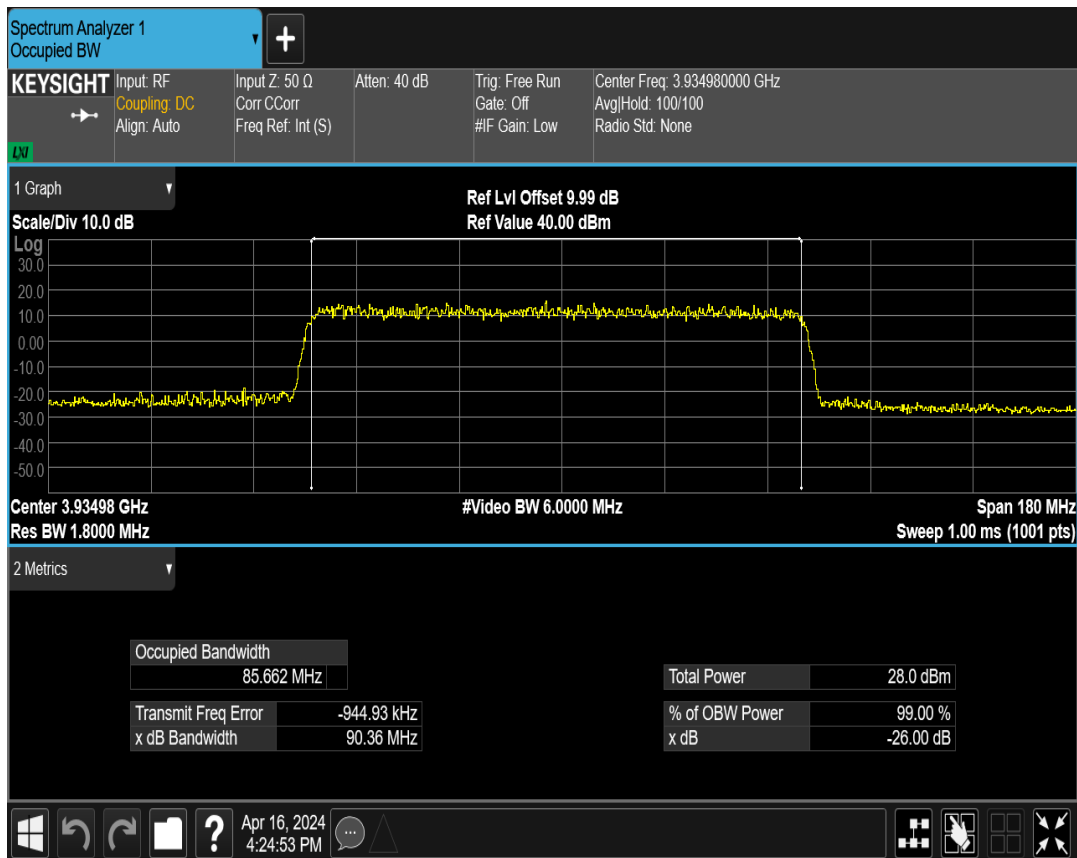
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=662332 RB=240@0



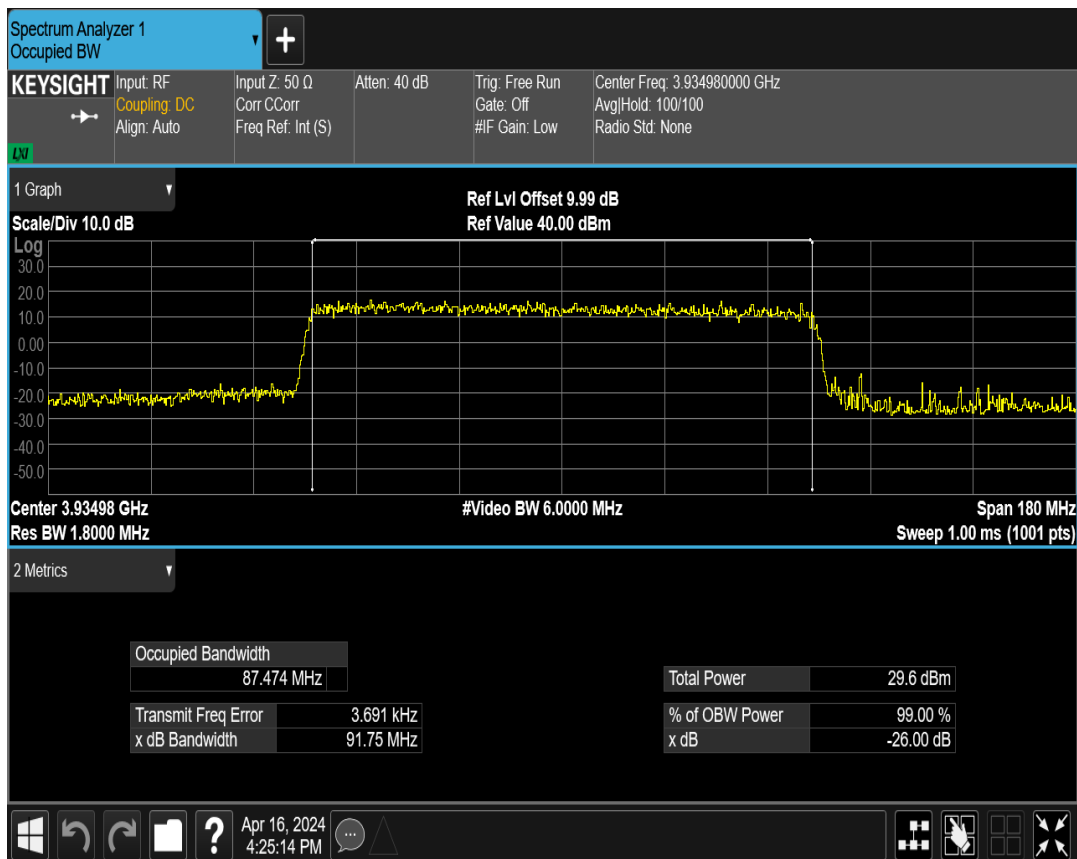
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=662332 RB=240@0



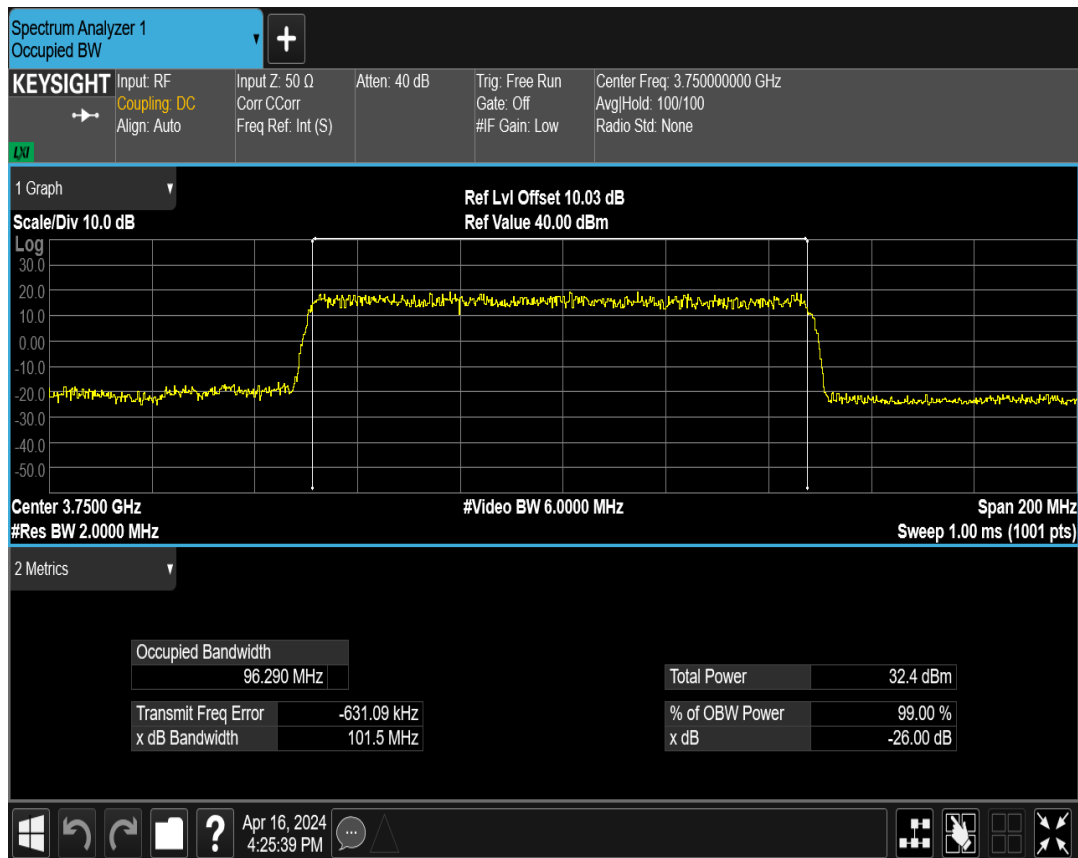
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=662332 RB=240@0



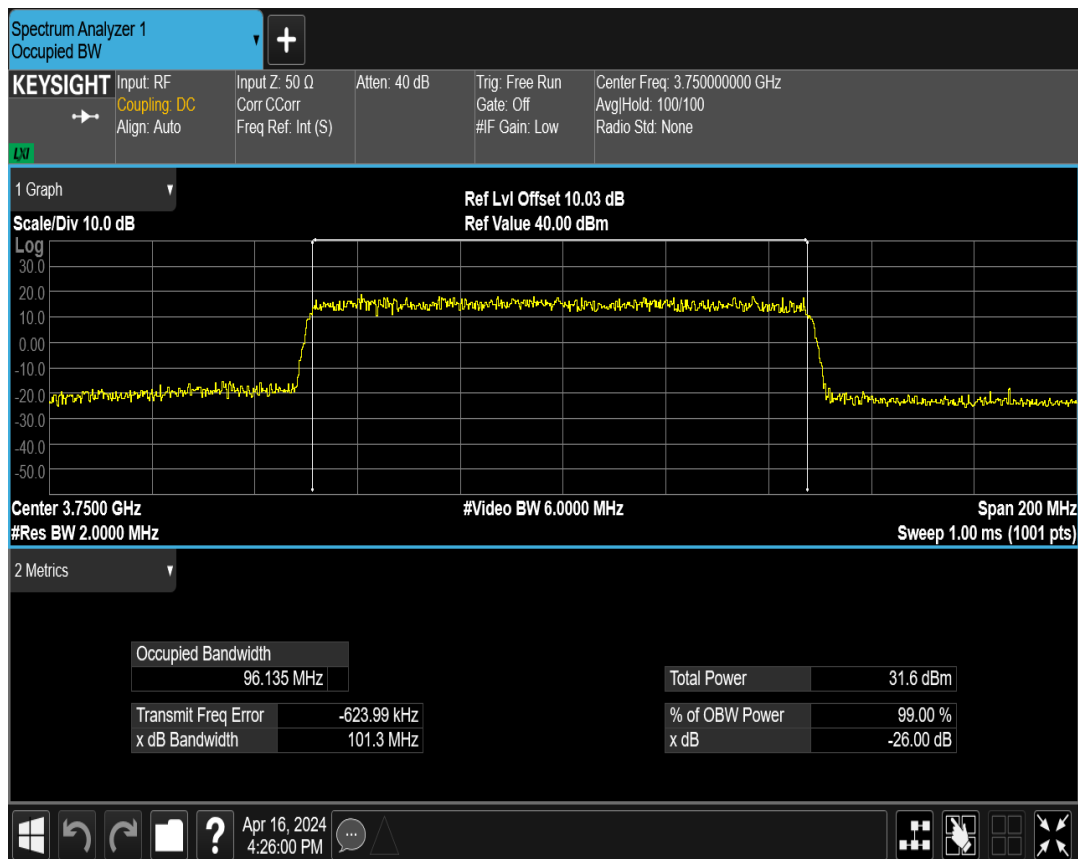
n77(3700-3980) SCS=30kHz CP\_QPSK BW=90MHz Channel=662332 RB=245@0



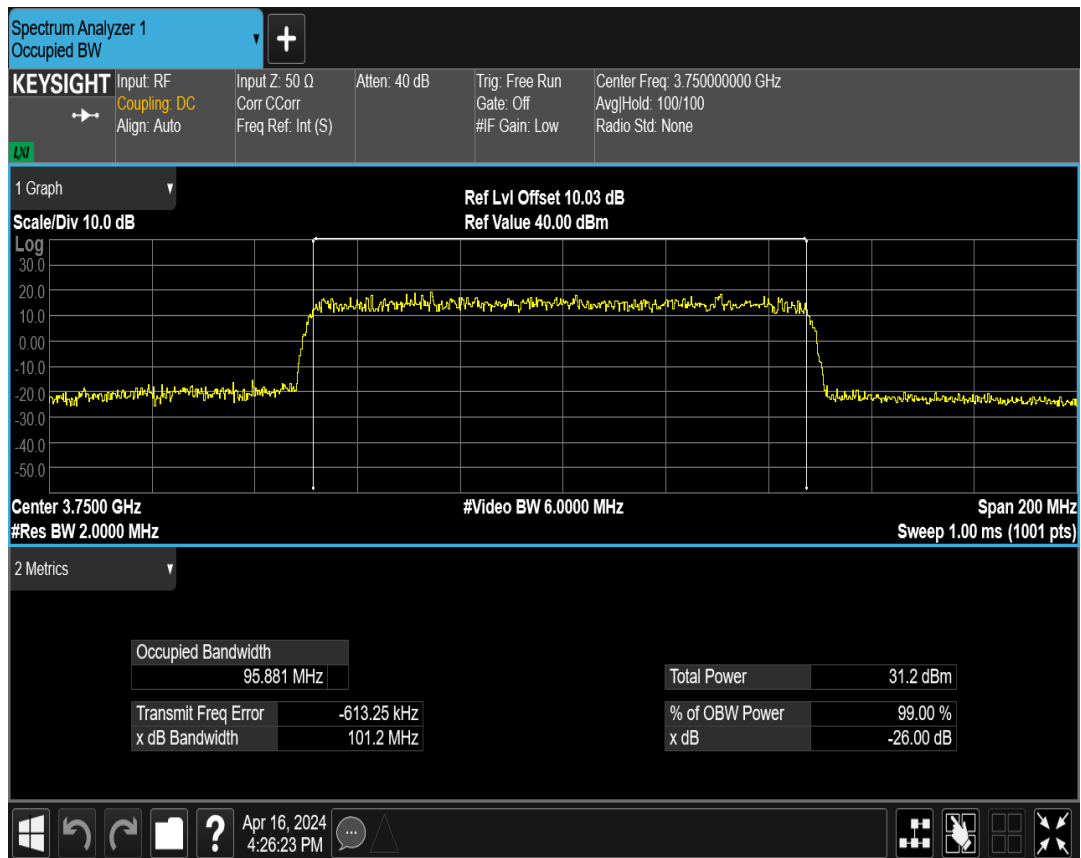
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=100MHz Channel=650000 RB=270@0



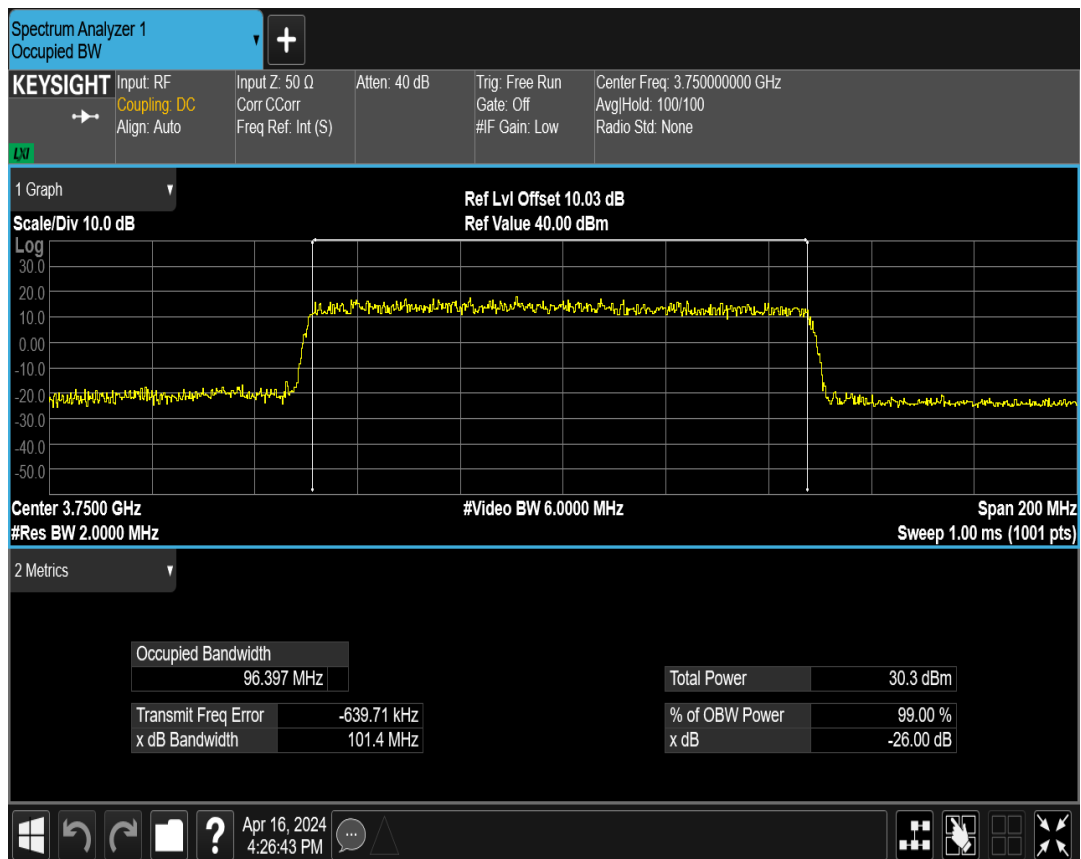
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=650000 RB=270@0



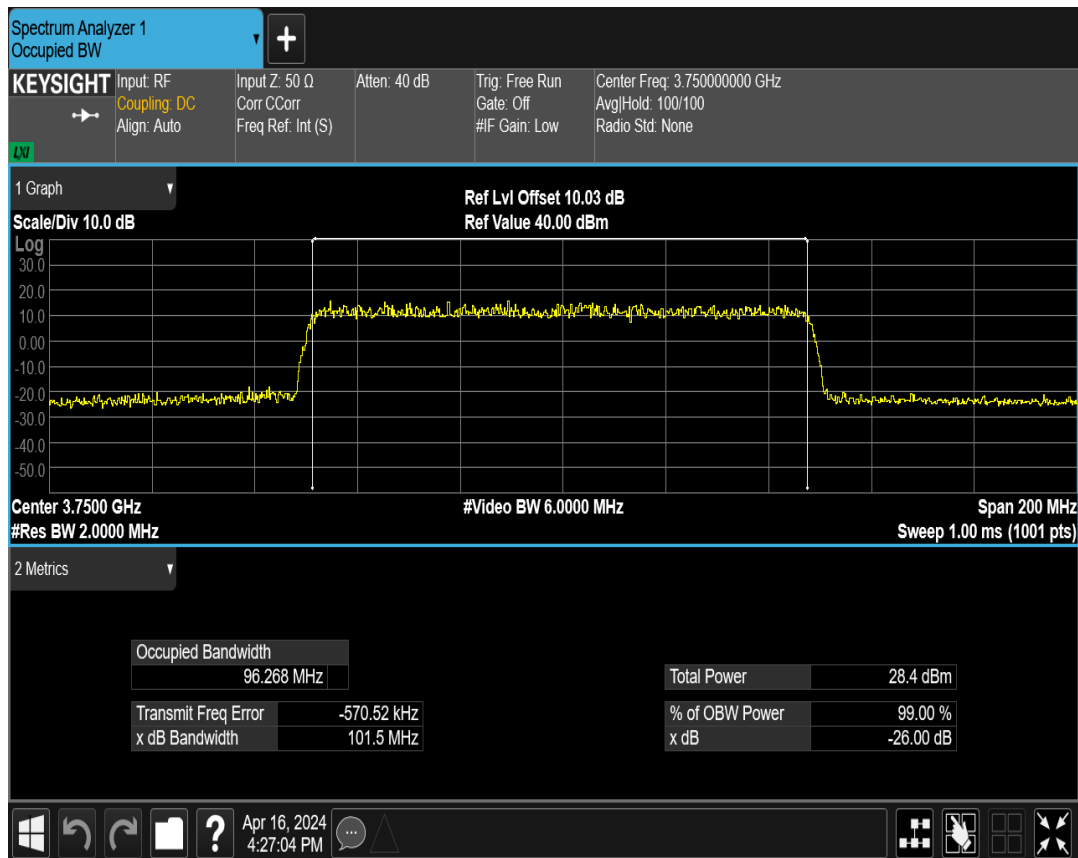
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=100MHz Channel=650000 RB=270@0



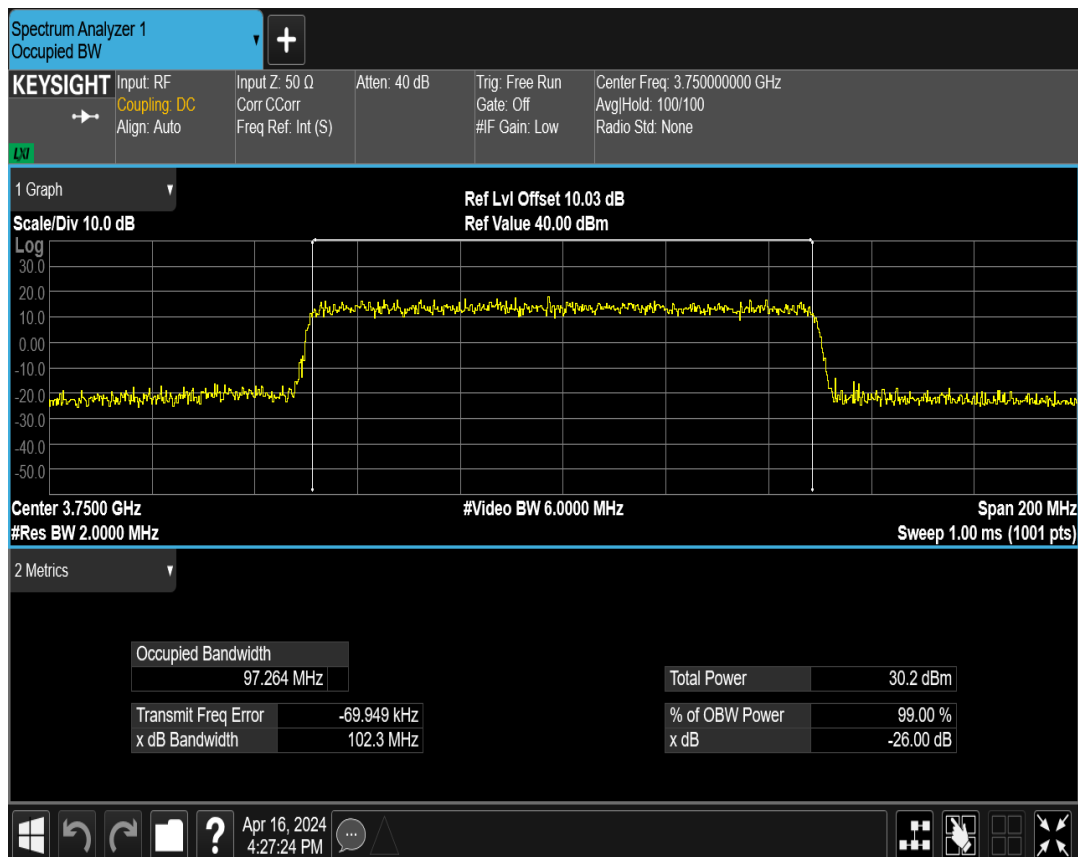
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=100MHz Channel=650000 RB=270@0



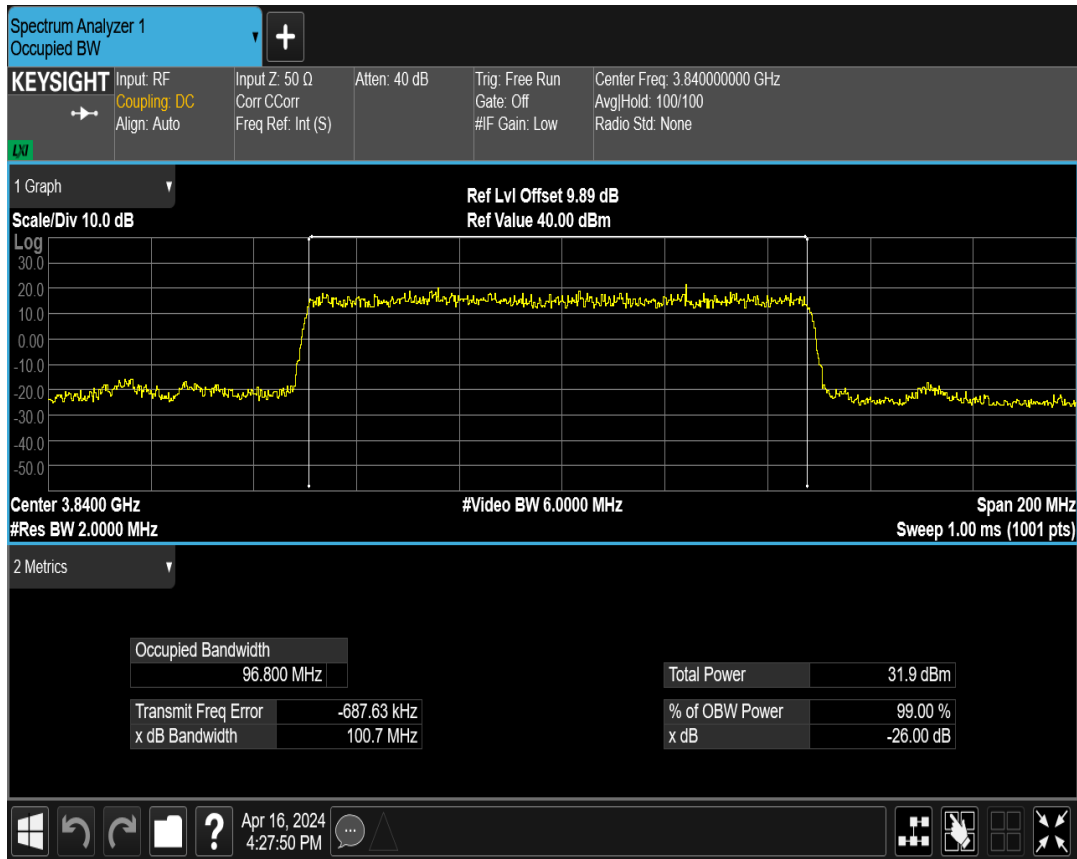
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=100MHz Channel=650000 RB=270@0



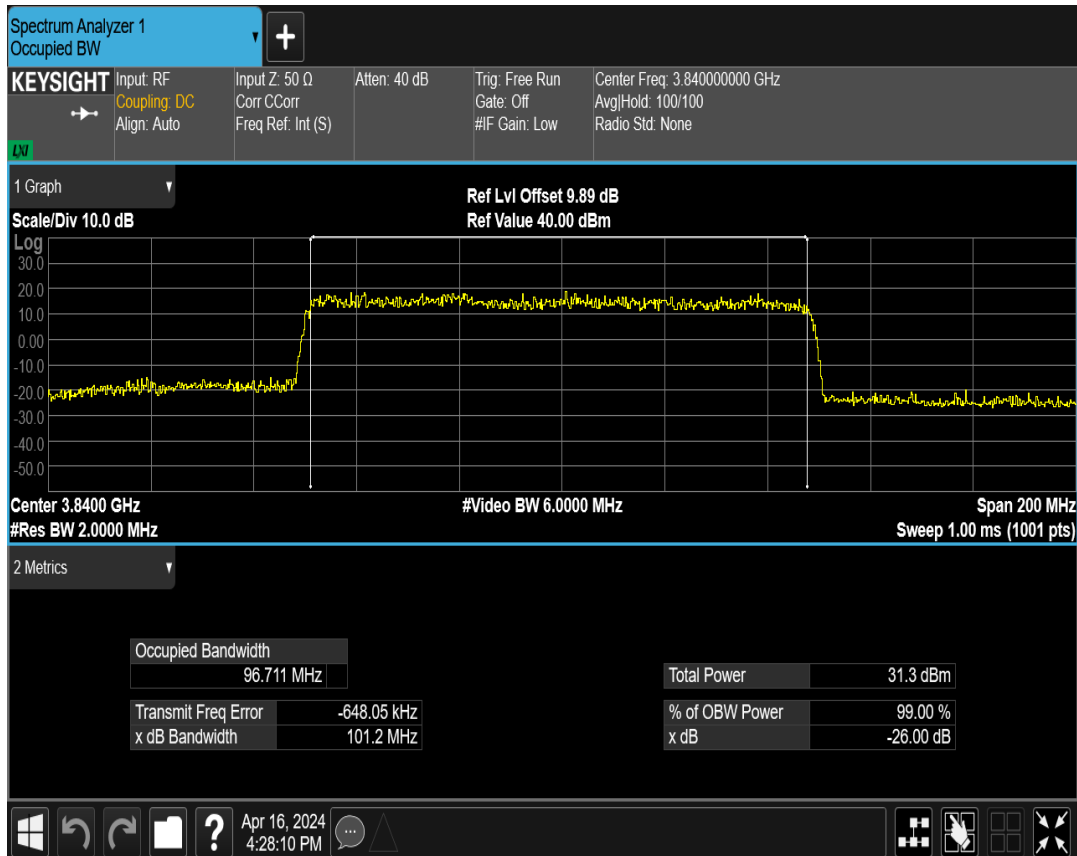
n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=650000 RB=273@0



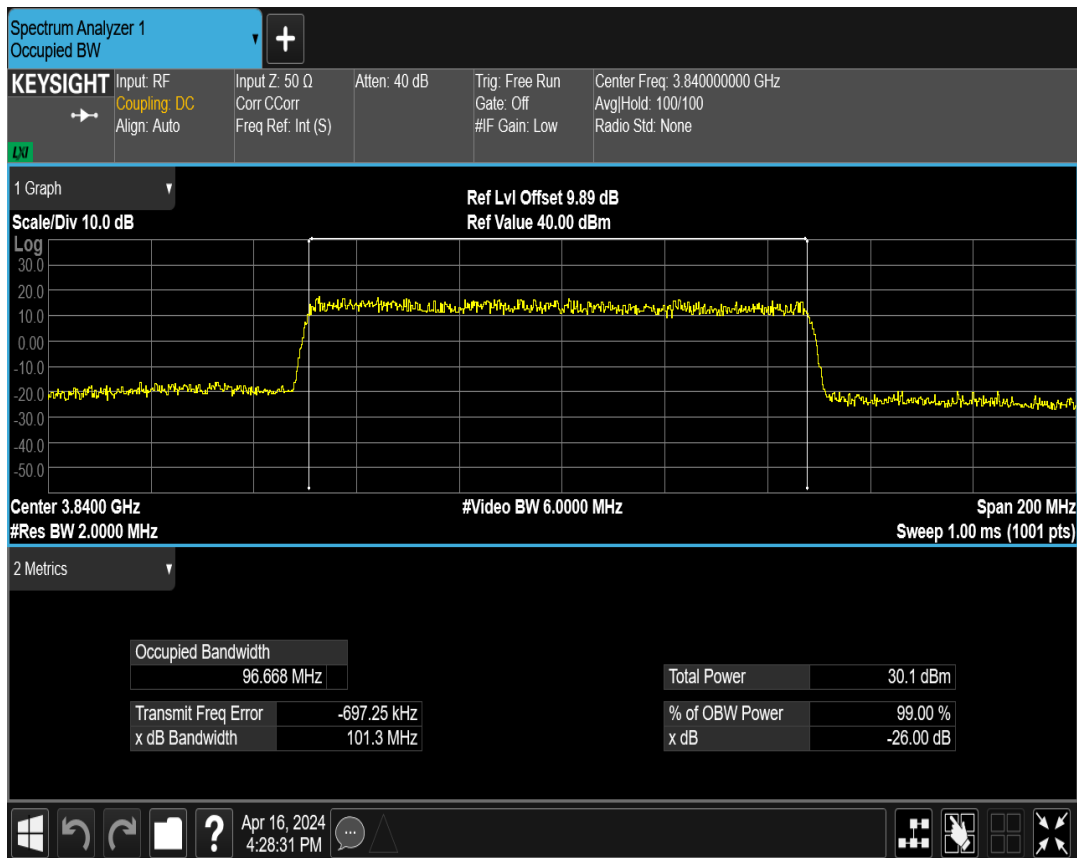
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=100MHz Channel=656000 RB=270@0



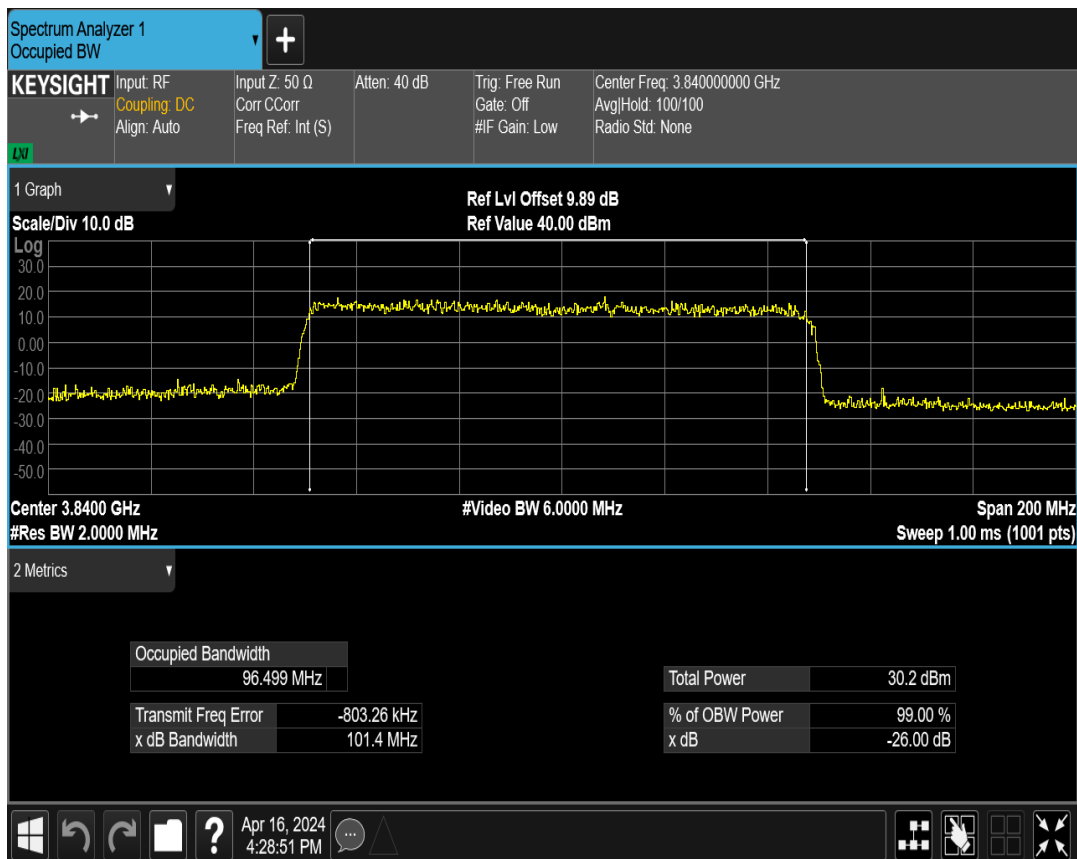
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=656000 RB=270@0



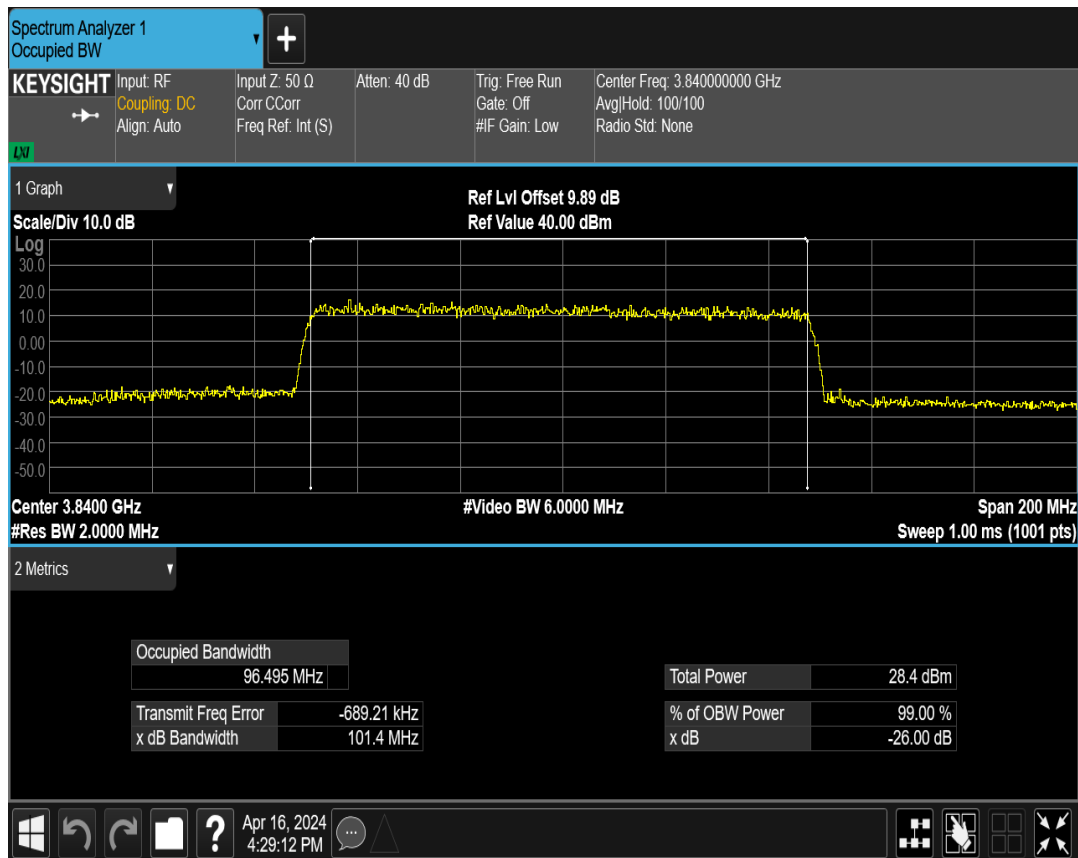
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=100MHz Channel=656000 RB=270@0



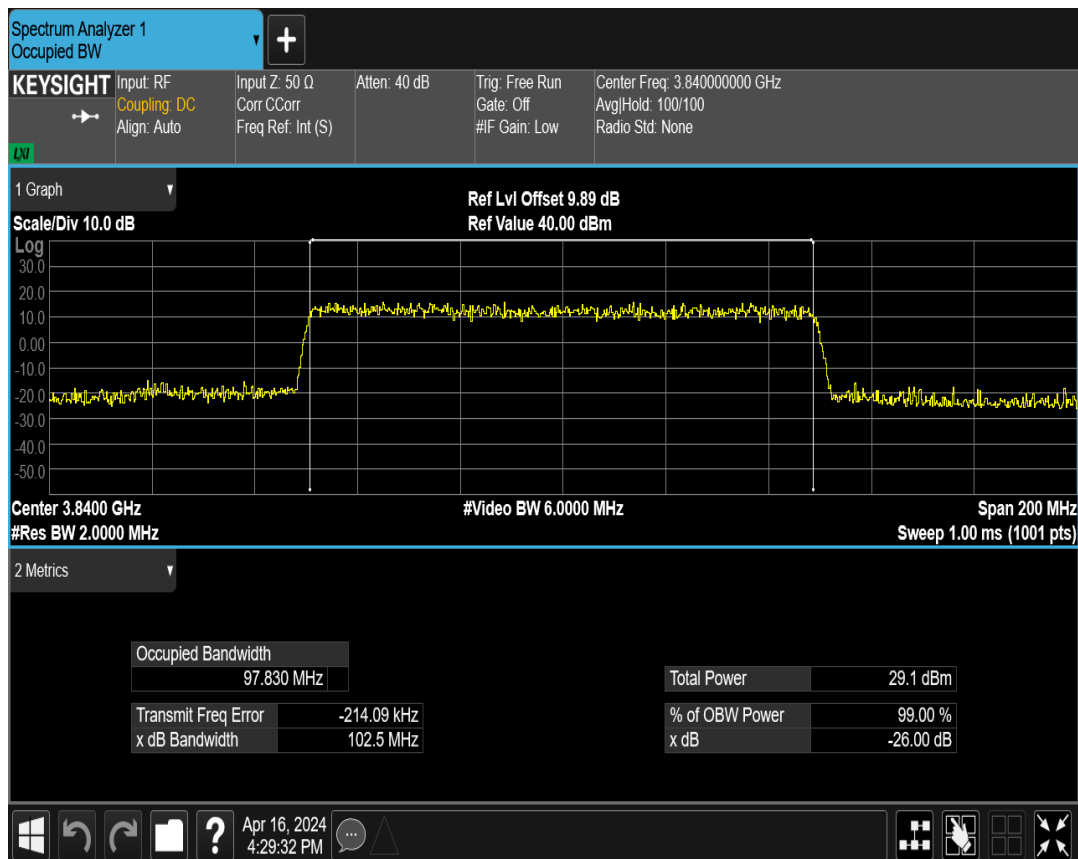
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=100MHz Channel=656000 RB=270@0



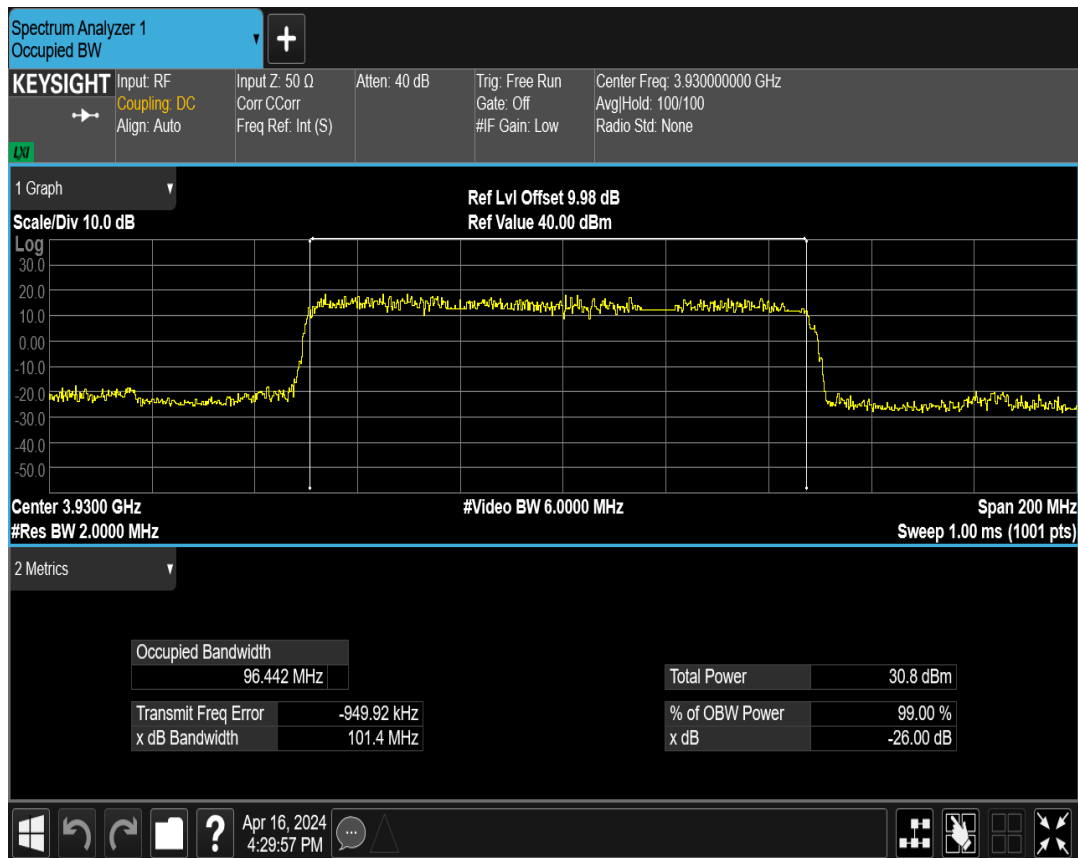
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=100MHz Channel=656000 RB=270@0



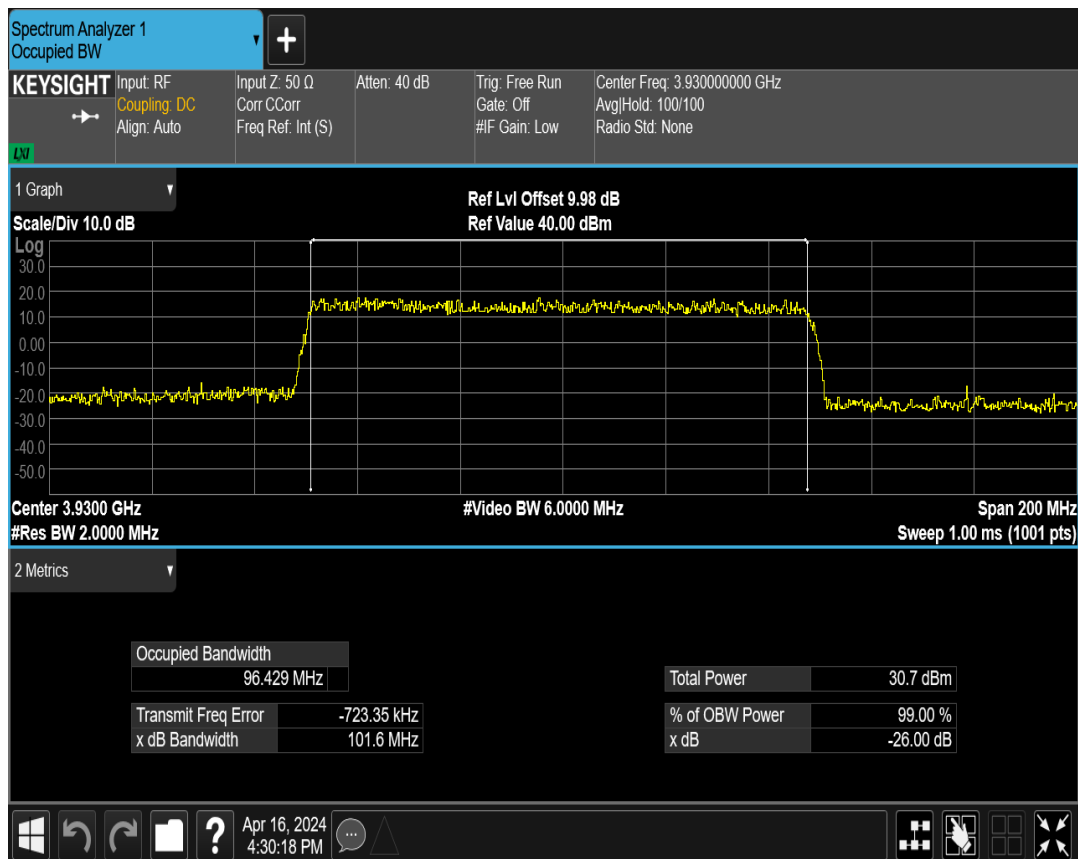
n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=656000 RB=273@0



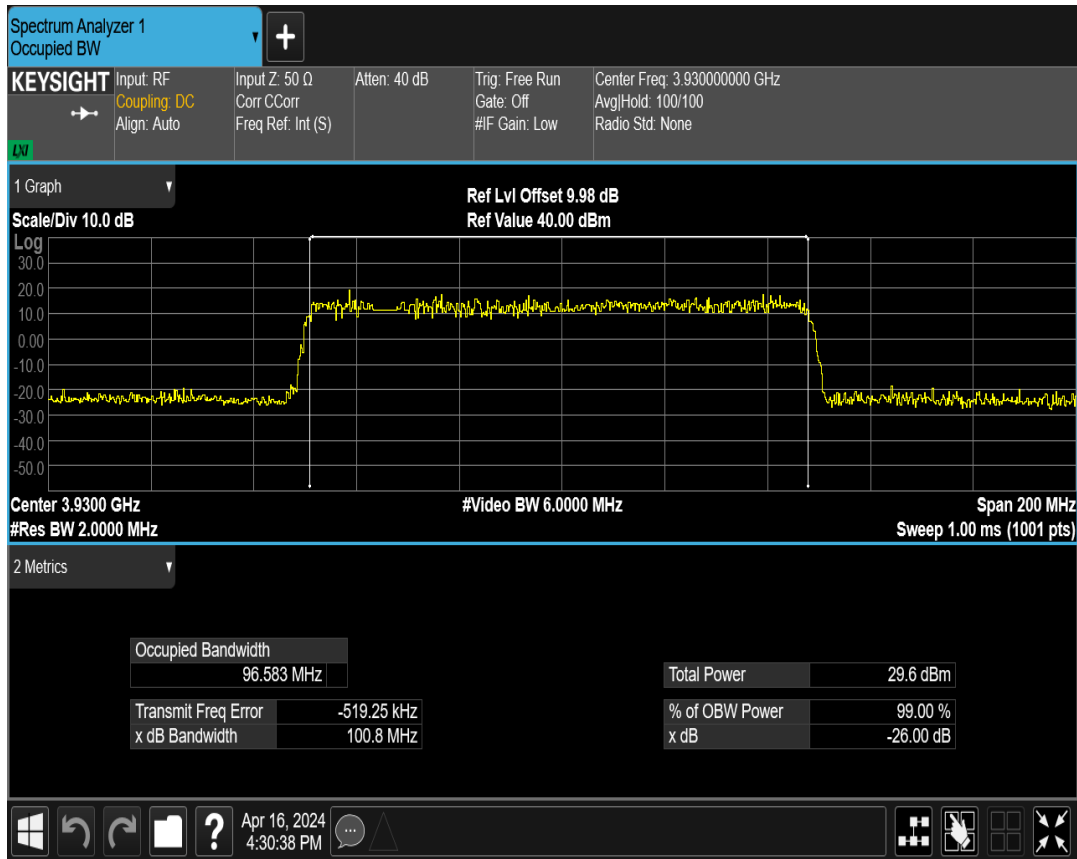
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=100MHz Channel=662000 RB=270@0



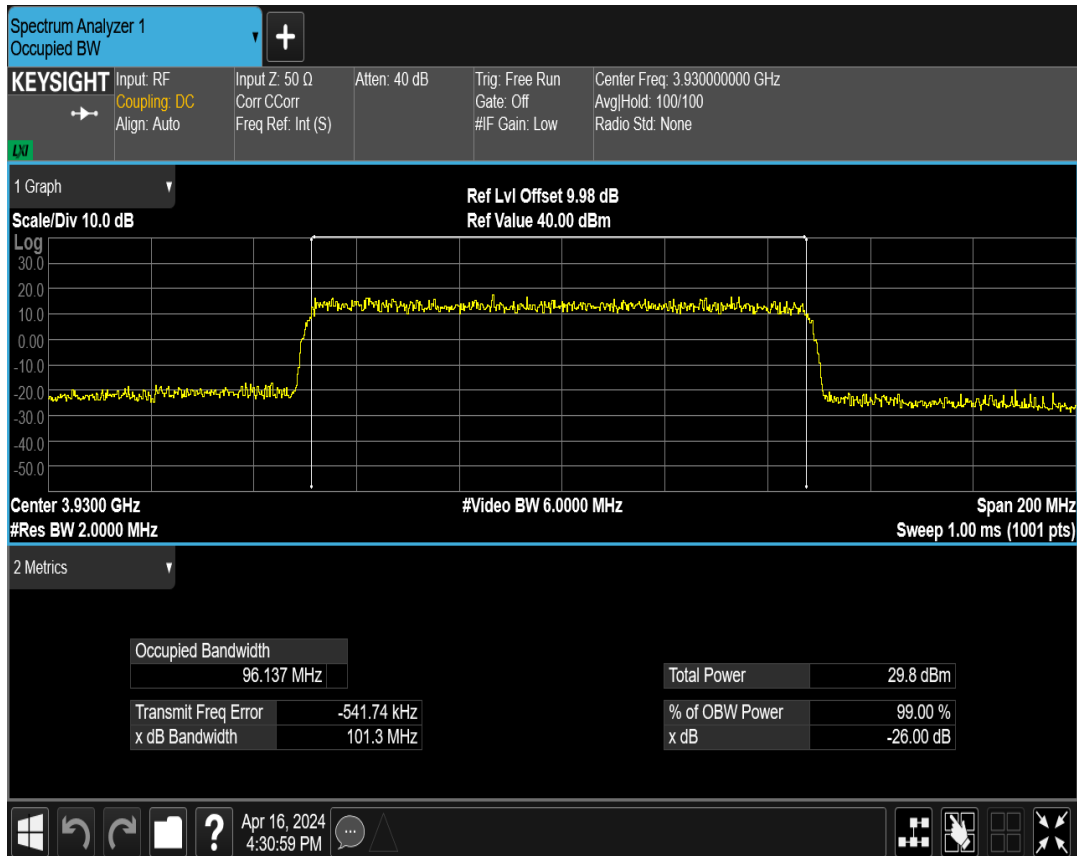
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=662000 RB=270@0



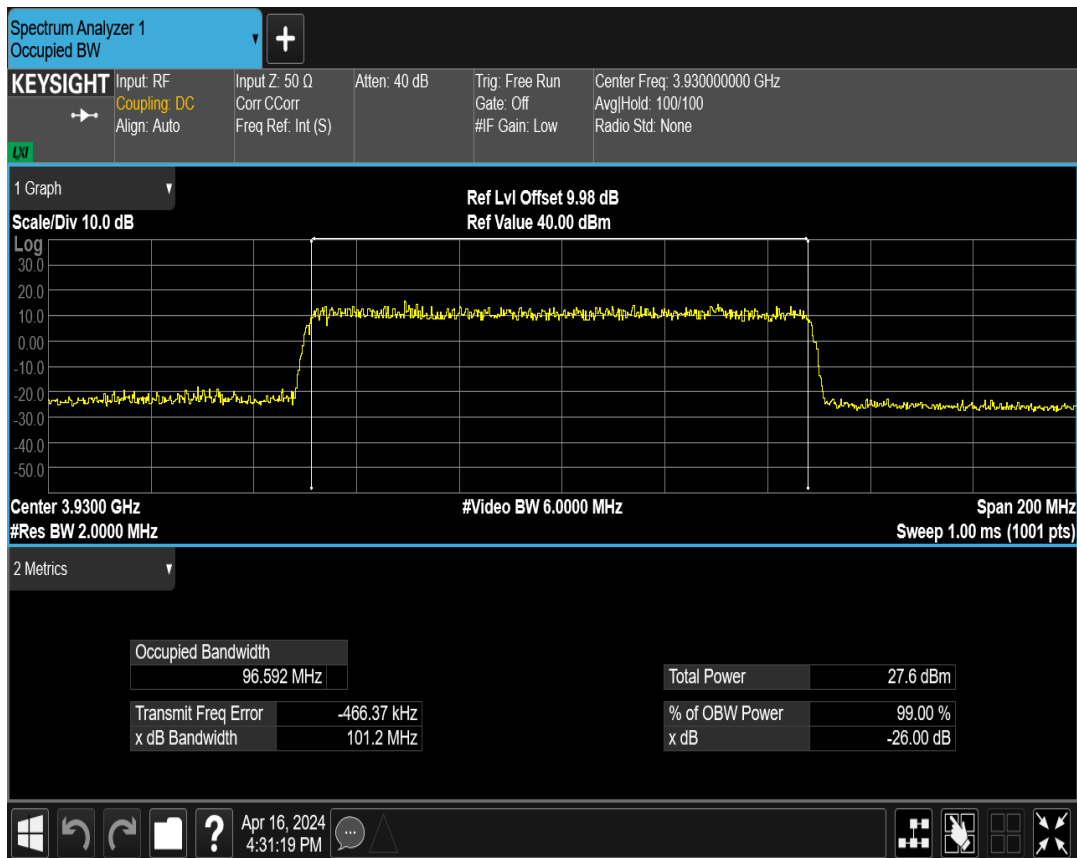
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=100MHz Channel=662000 RB=270@0



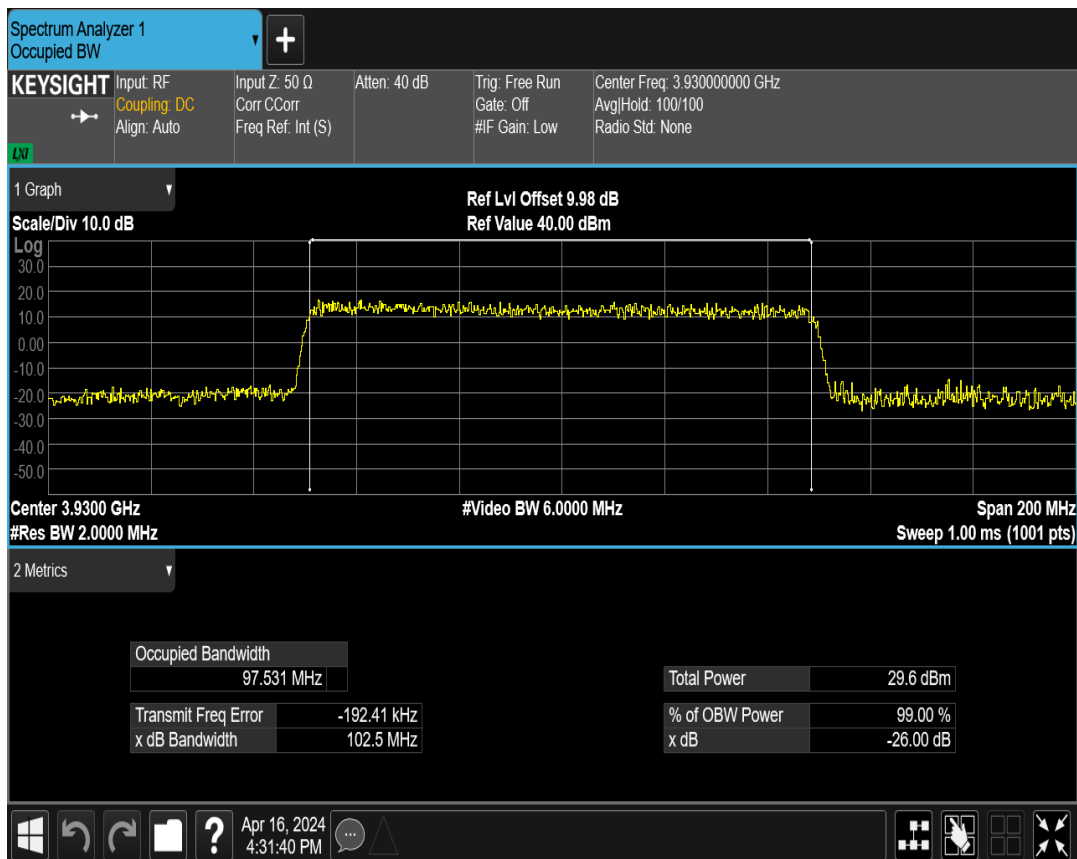
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=100MHz Channel=662000 RB=270@0



n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=100MHz Channel=662000 RB=270@0



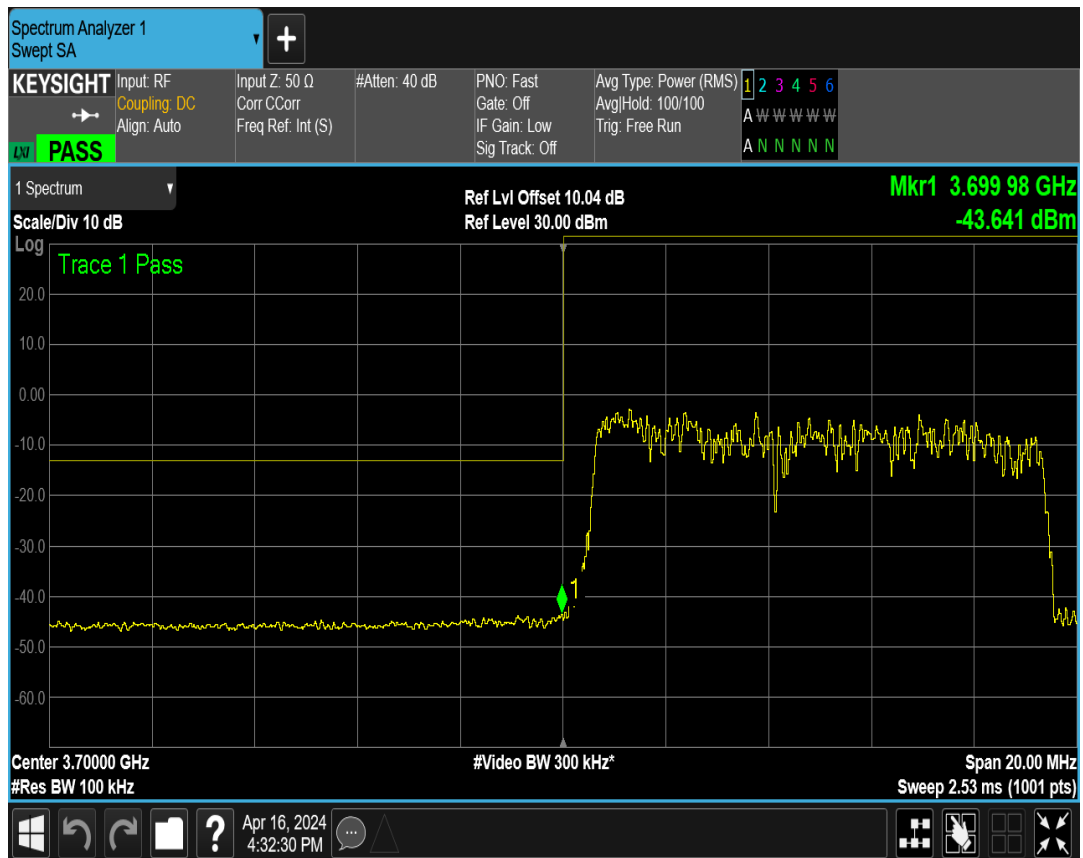
n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=662000 RB=273@0



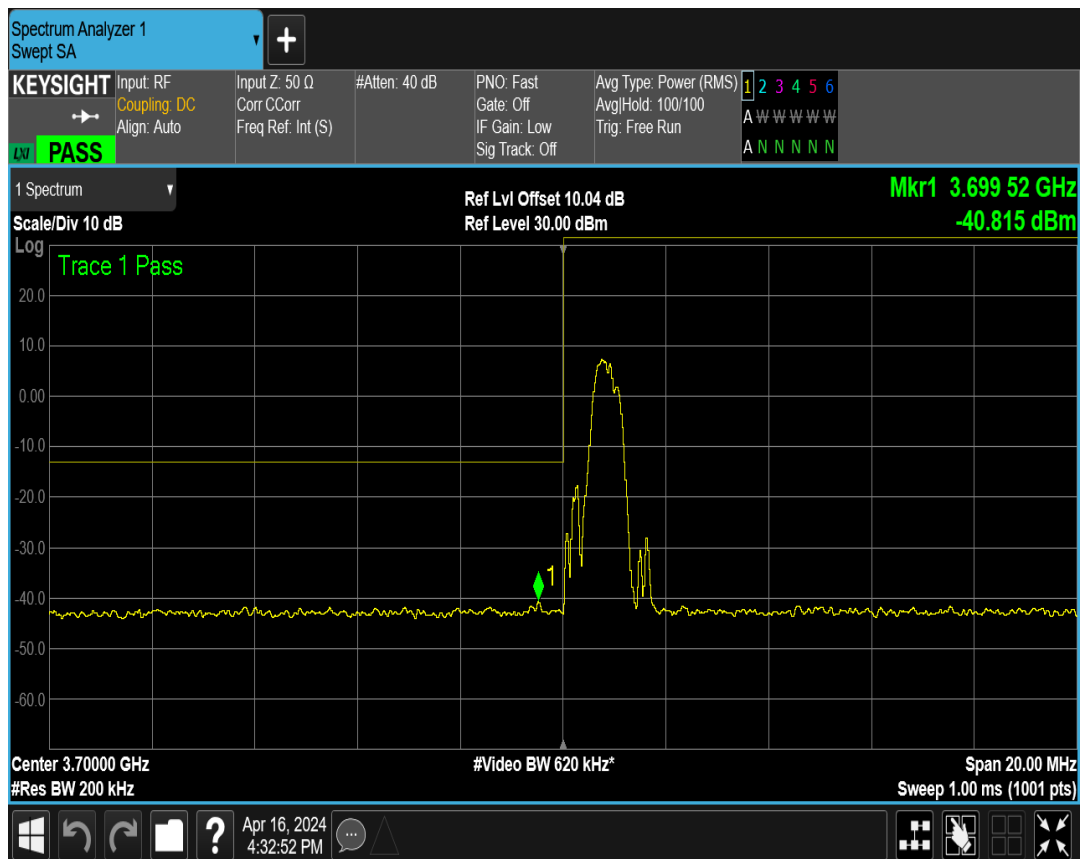
## 5 Band edge for NR FR1

| Band           | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | Spur Freq<br>(MHz) | Spur Level<br>(dBm) | Limit<br>(dBm) | Verdict |
|----------------|--------------|--------------------|---------------|------------------|------------|--------------------|---------------------|----------------|---------|
| n77(3700-3980) | 30           | 10                 | 647000        | 24@0             | DFT_QPSK   | 3699.98            | -43.64              | -13            | PASS    |
| n77(3700-3980) | 30           | 10                 | 647000        | 1@0              | DFT_QPSK   | 3699.52            | -40.81              | -13            | PASS    |
| n77(3700-3980) | 30           | 10                 | 665000        | 24@0             | DFT_QPSK   | 3983.86            | -45.74              | -13            | PASS    |
| n77(3700-3980) | 30           | 10                 | 665000        | 1@23             | DFT_QPSK   | 3981.32            | -42.24              | -13            | PASS    |
| n77(3700-3980) | 30           | 100                | 650000        | 270@0            | DFT_QPSK   | 3700.00            | -31.78              | -13            | PASS    |
| n77(3700-3980) | 30           | 100                | 650000        | 1@0              | DFT_QPSK   | 3699.80            | -38.75              | -13            | PASS    |
| n77(3700-3980) | 30           | 100                | 662000        | 270@0            | DFT_QPSK   | 4001.60            | -36.05              | -13            | PASS    |
| n77(3700-3980) | 30           | 100                | 662000        | 1@272            | DFT_QPSK   | 3980.00            | -37.65              | -13            | PASS    |

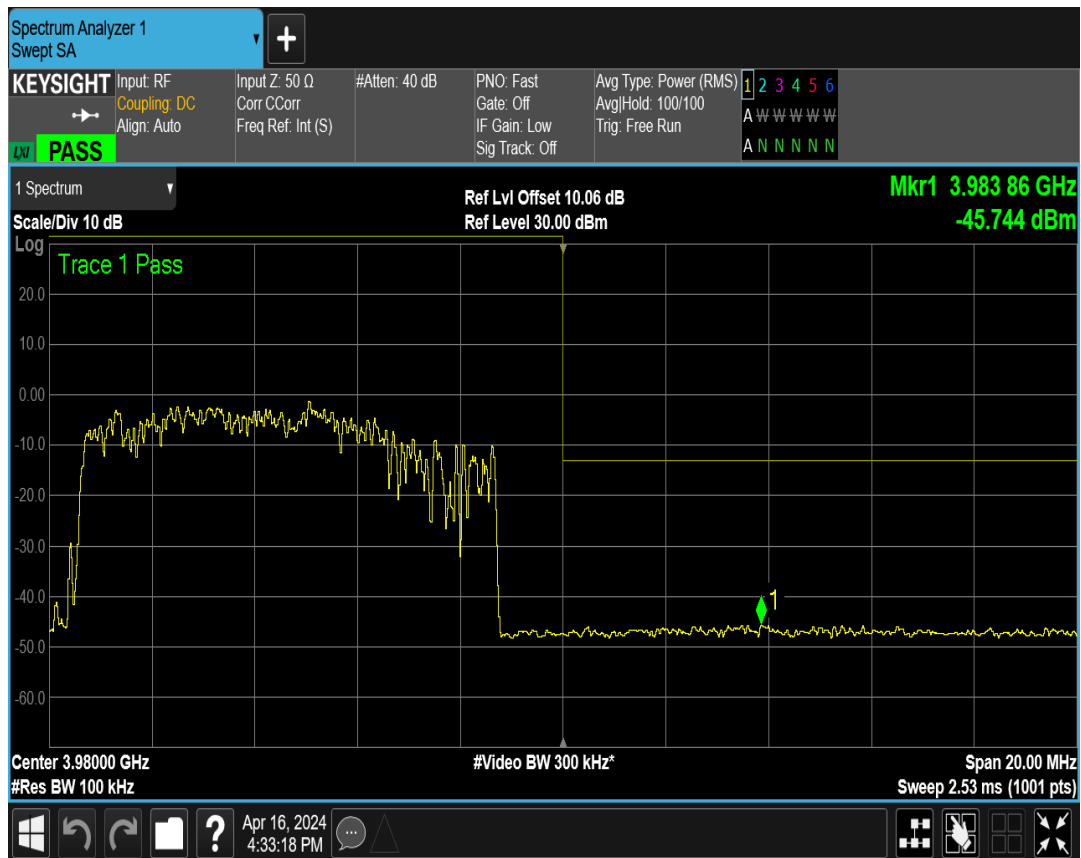
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=647000 RB=24@0



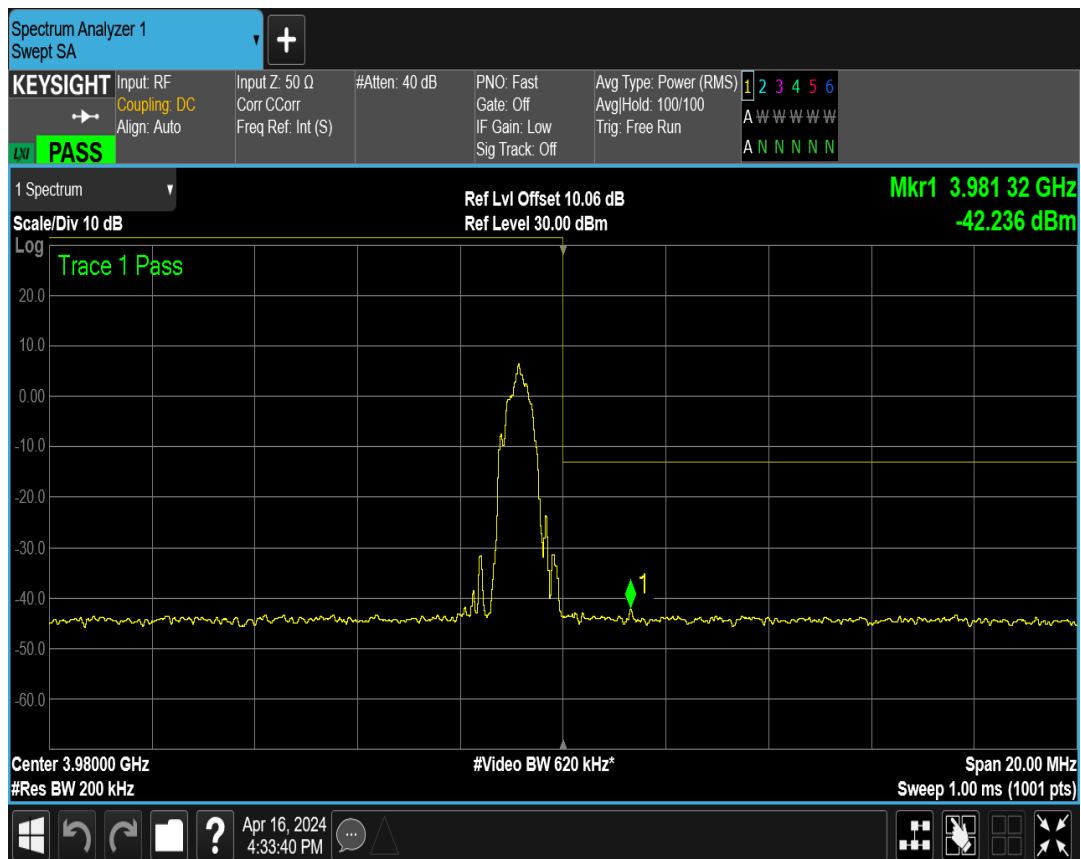
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=647000 RB=1@0



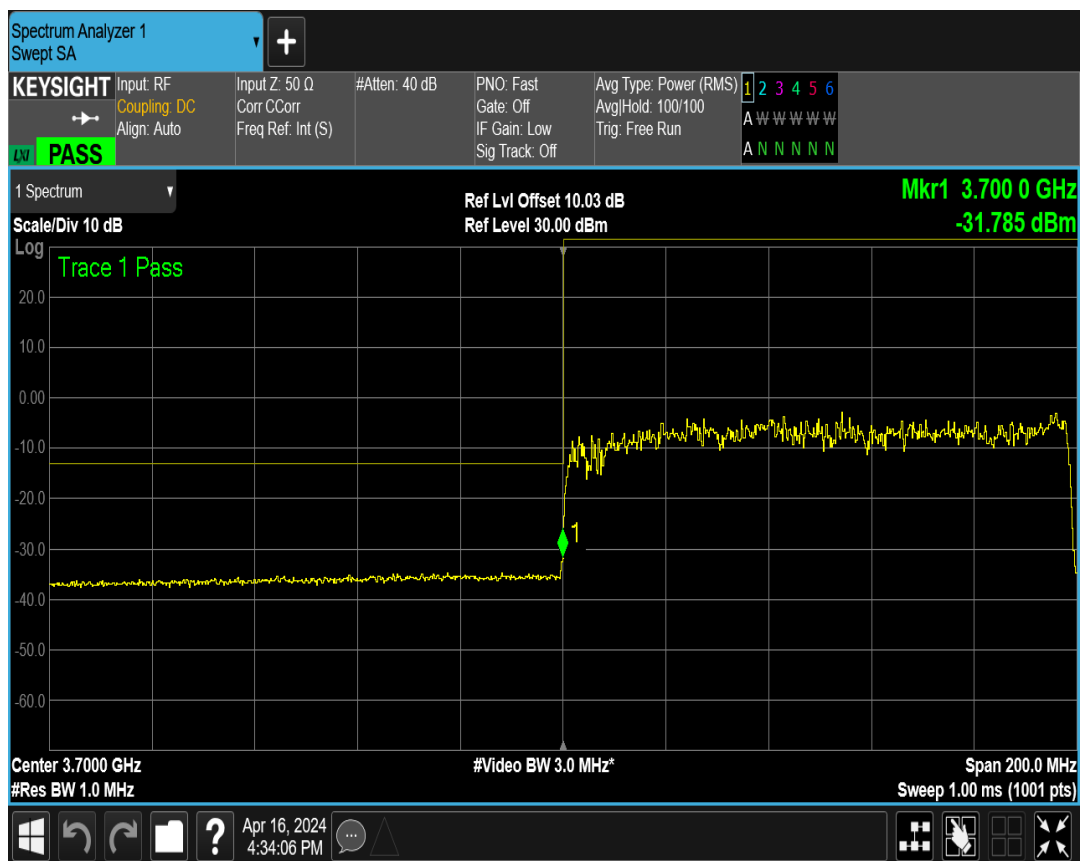
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=665000 RB=24@0



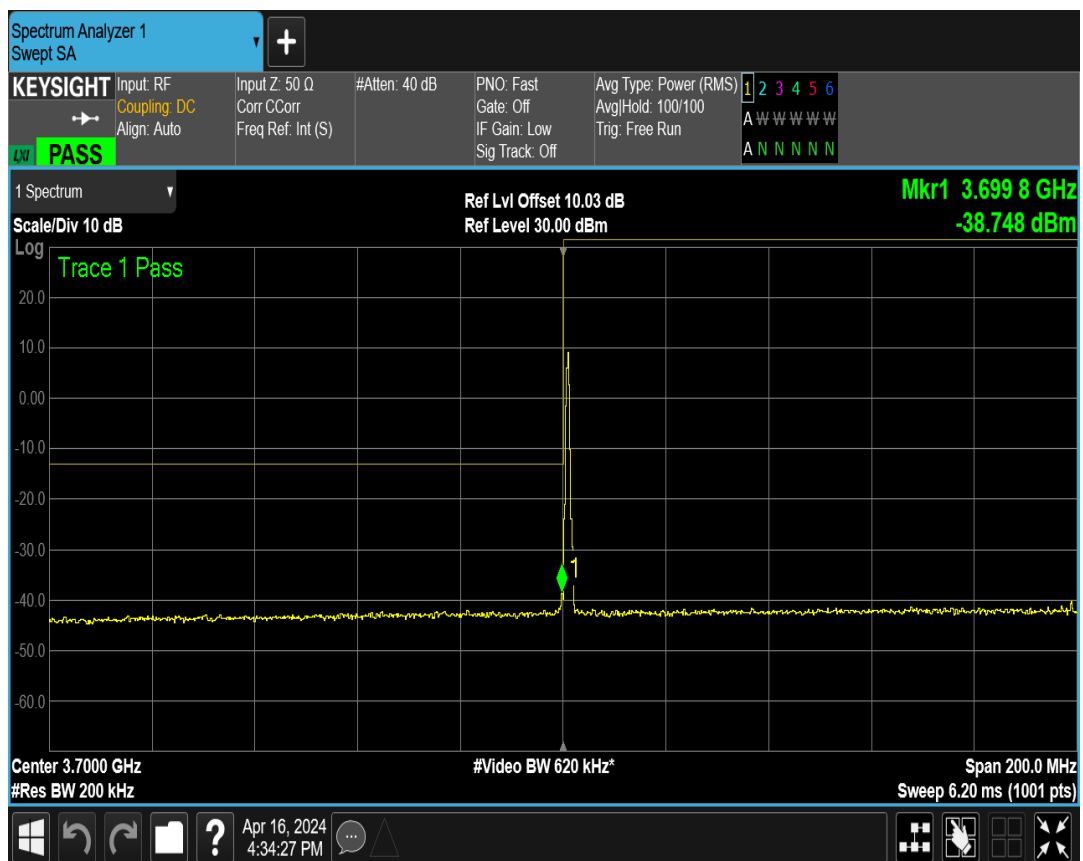
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=665000 RB=1@23



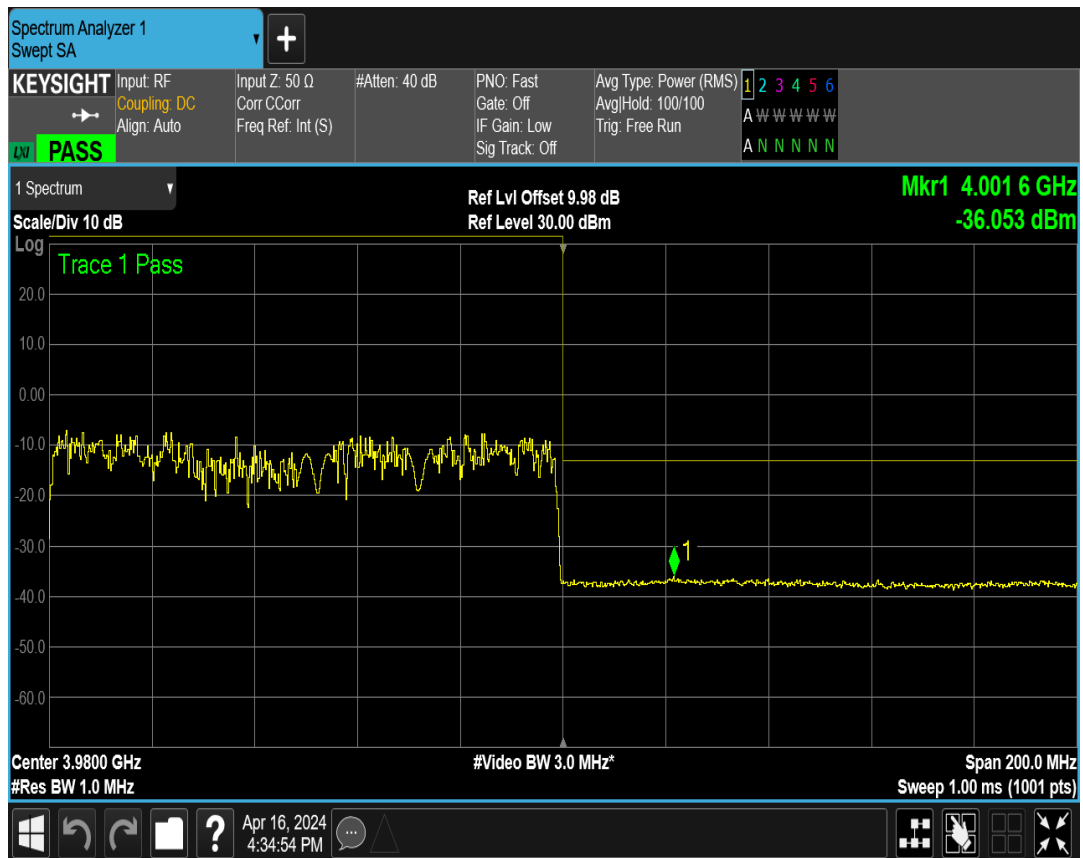
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=650000 RB=270@0



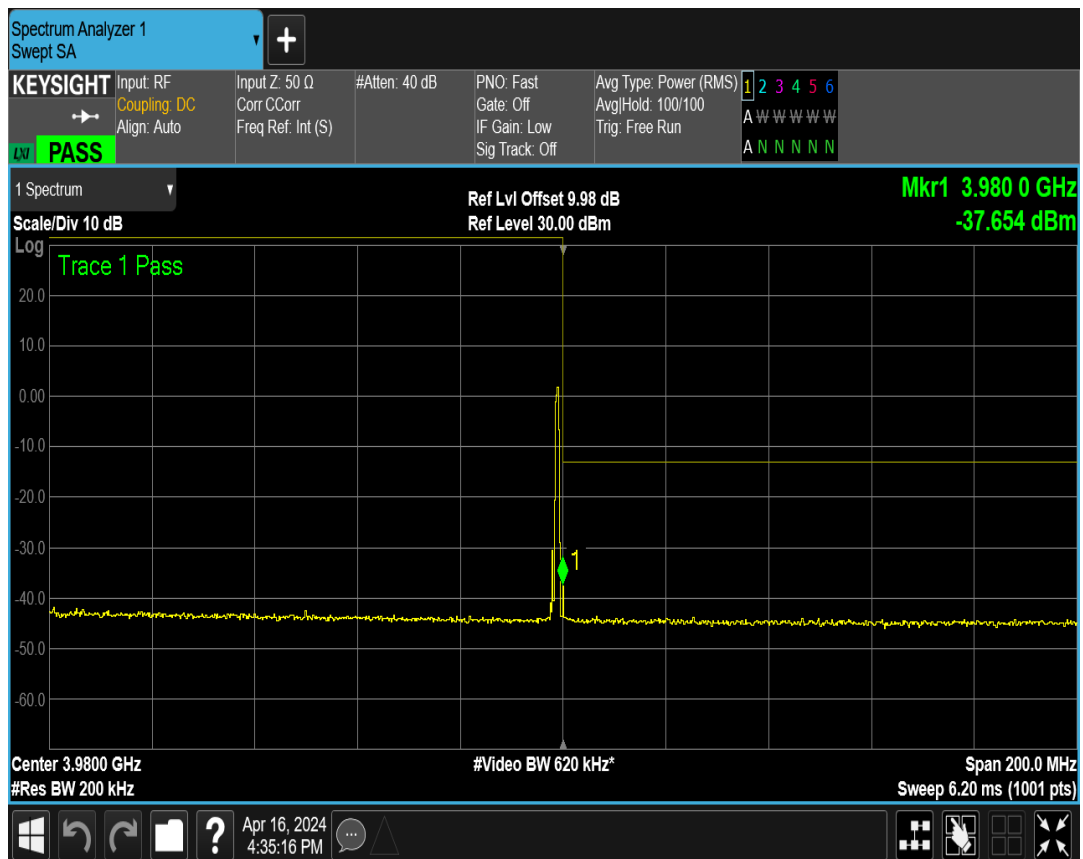
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=650000 RB=1@0



n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=662000 RB=270@0



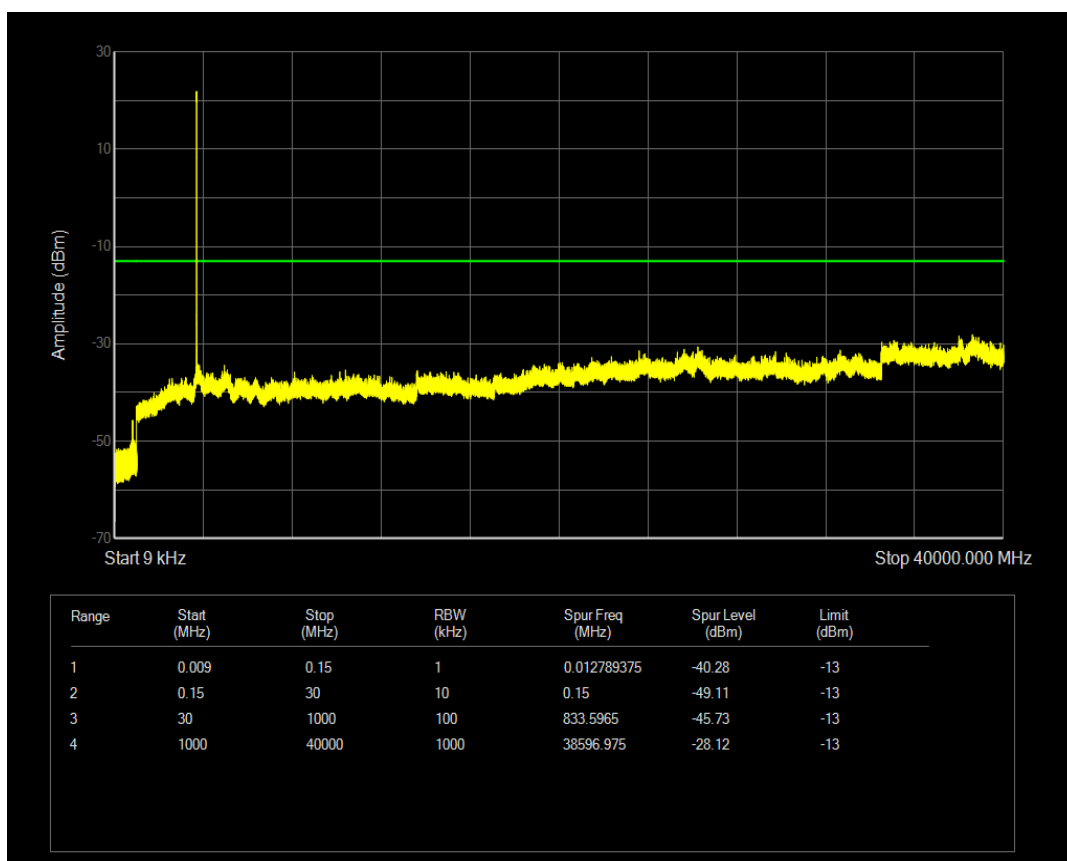
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=662000 RB=1@272



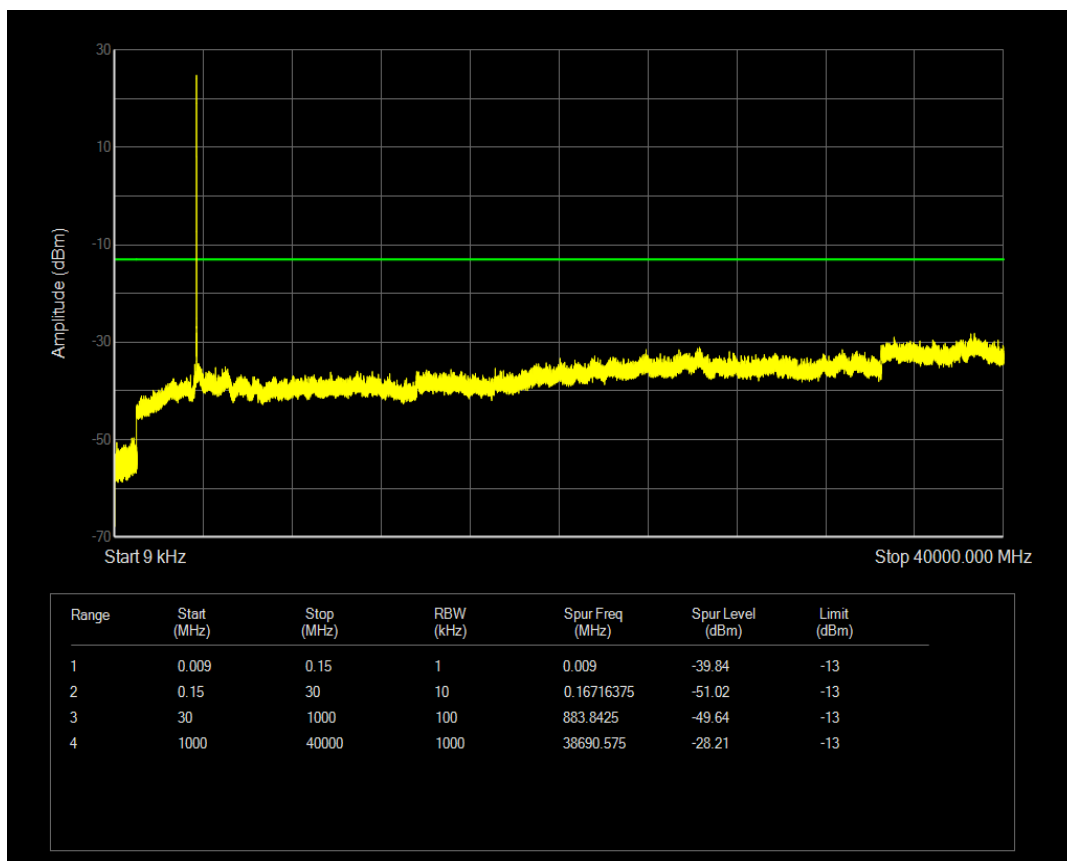
## 6 Out-of-band emissions for NR FR1

| Band           | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | Spur Freq<br>(MHz) | Spur Level<br>(dBm) | Limit<br>(dBm) | Verdict |
|----------------|--------------|--------------------|---------------|------------------|------------|--------------------|---------------------|----------------|---------|
| n77(3700-3980) | 30           | 10                 | 647000        | 24@0             | DFT_QPSK   | 38596.98           | -28.12              | -13            | PASS    |
| n77(3700-3980) | 30           | 10                 | 647000        | 1@0              | DFT_QPSK   | 38690.58           | -28.21              | -13            | PASS    |
| n77(3700-3980) | 30           | 10                 | 647000        | 1@23             | DFT_QPSK   | 38743.23           | -28.48              | -13            | PASS    |
| n77(3700-3980) | 30           | 10                 | 656000        | 24@0             | DFT_QPSK   | 38870.95           | -27.85              | -13            | PASS    |
| n77(3700-3980) | 30           | 10                 | 656000        | 1@0              | DFT_QPSK   | 38541.40           | -28.24              | -13            | PASS    |
| n77(3700-3980) | 30           | 10                 | 656000        | 1@23             | DFT_QPSK   | 38813.43           | -27.96              | -13            | PASS    |
| n77(3700-3980) | 30           | 10                 | 665000        | 24@0             | DFT_QPSK   | 38584.30           | -27.59              | -13            | PASS    |
| n77(3700-3980) | 30           | 10                 | 665000        | 1@0              | DFT_QPSK   | 38632.08           | -26.90              | -13            | PASS    |
| n77(3700-3980) | 30           | 10                 | 665000        | 1@23             | DFT_QPSK   | 35172.78           | -27.27              | -13            | PASS    |
| n77(3700-3980) | 30           | 100                | 650000        | 270@0            | DFT_QPSK   | 38642.80           | -27.67              | -13            | PASS    |
| n77(3700-3980) | 30           | 100                | 650000        | 1@0              | DFT_QPSK   | 38507.28           | -28.25              | -13            | PASS    |
| n77(3700-3980) | 30           | 100                | 650000        | 1@272            | DFT_QPSK   | 35013.85           | -27.28              | -13            | PASS    |
| n77(3700-3980) | 30           | 100                | 656000        | 270@0            | DFT_QPSK   | 38830.00           | -27.81              | -13            | PASS    |
| n77(3700-3980) | 30           | 100                | 656000        | 1@0              | DFT_QPSK   | 38814.40           | -28.35              | -13            | PASS    |
| n77(3700-3980) | 30           | 100                | 656000        | 1@272            | DFT_QPSK   | 38777.35           | -28.14              | -13            | PASS    |
| n77(3700-3980) | 30           | 100                | 662000        | 270@0            | DFT_QPSK   | 38654.50           | -27.83              | -13            | PASS    |
| n77(3700-3980) | 30           | 100                | 662000        | 1@0              | DFT_QPSK   | 38617.45           | -28.64              | -13            | PASS    |
| n77(3700-3980) | 30           | 100                | 662000        | 1@272            | DFT_QPSK   | 38600.88           | -28.20              | -13            | PASS    |

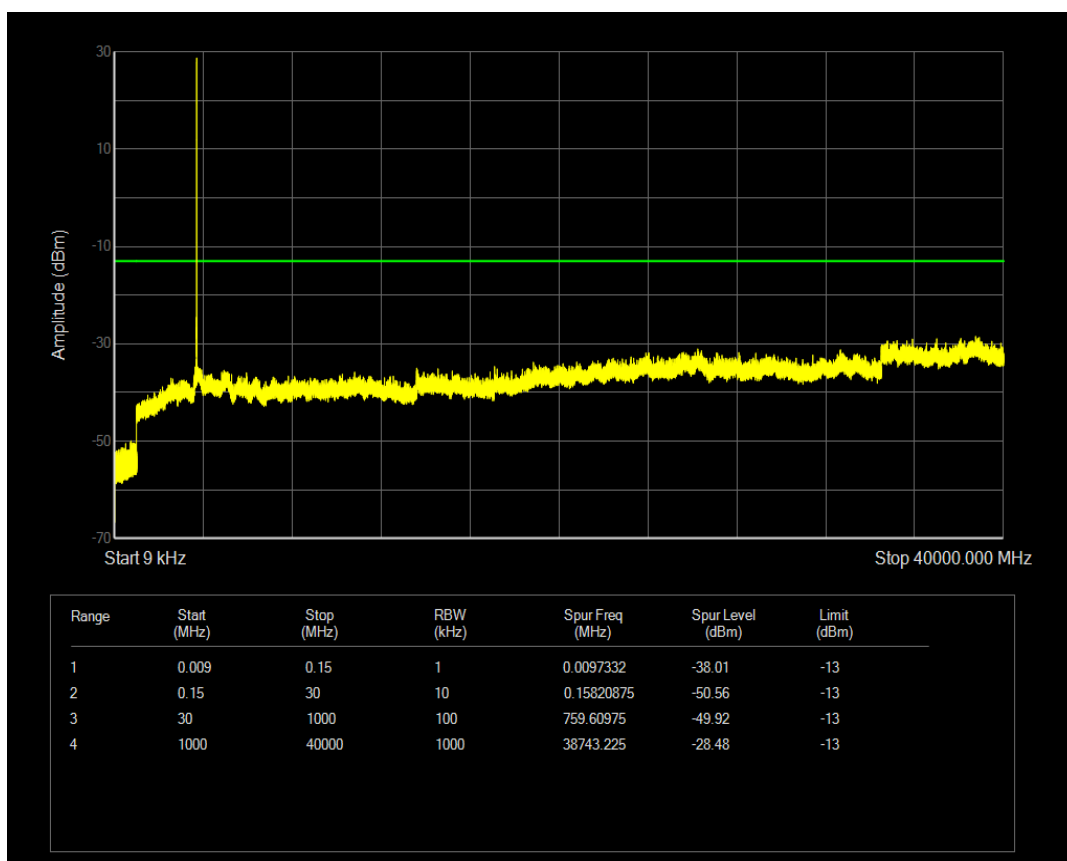
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=647000 RB=24@0



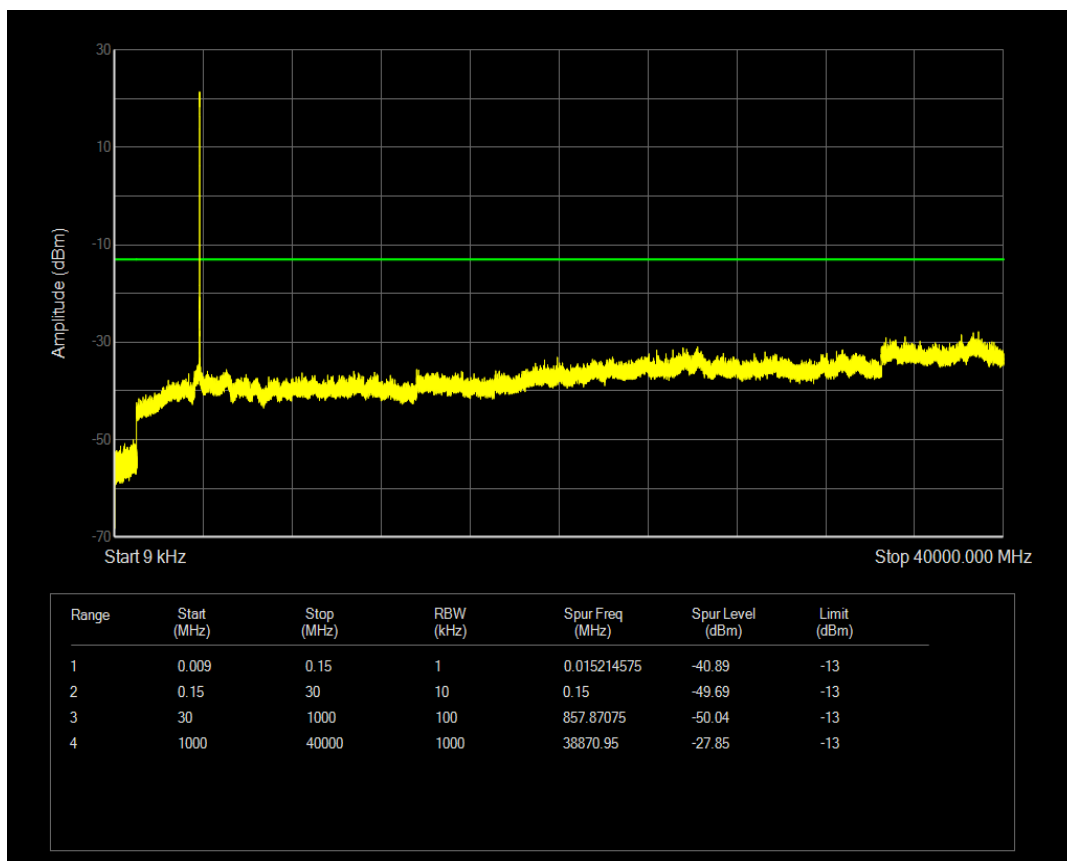
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=647000 RB=1@0



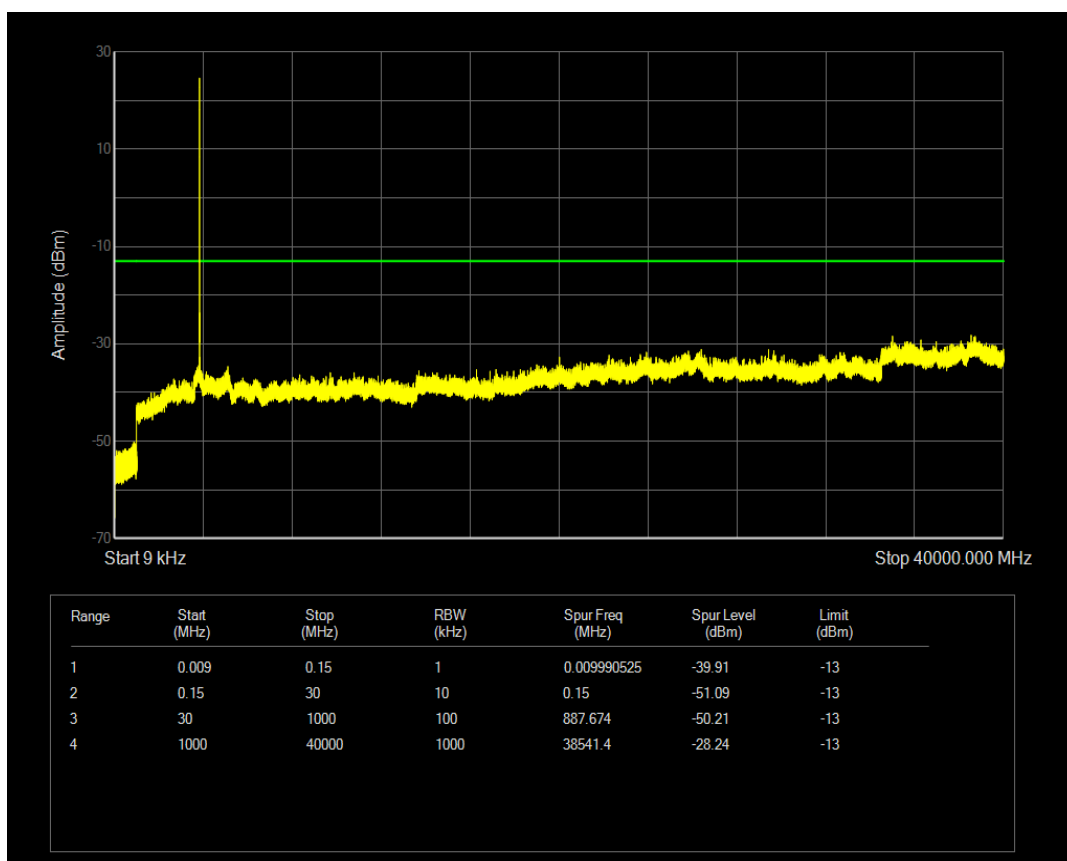
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=647000 RB=1@23



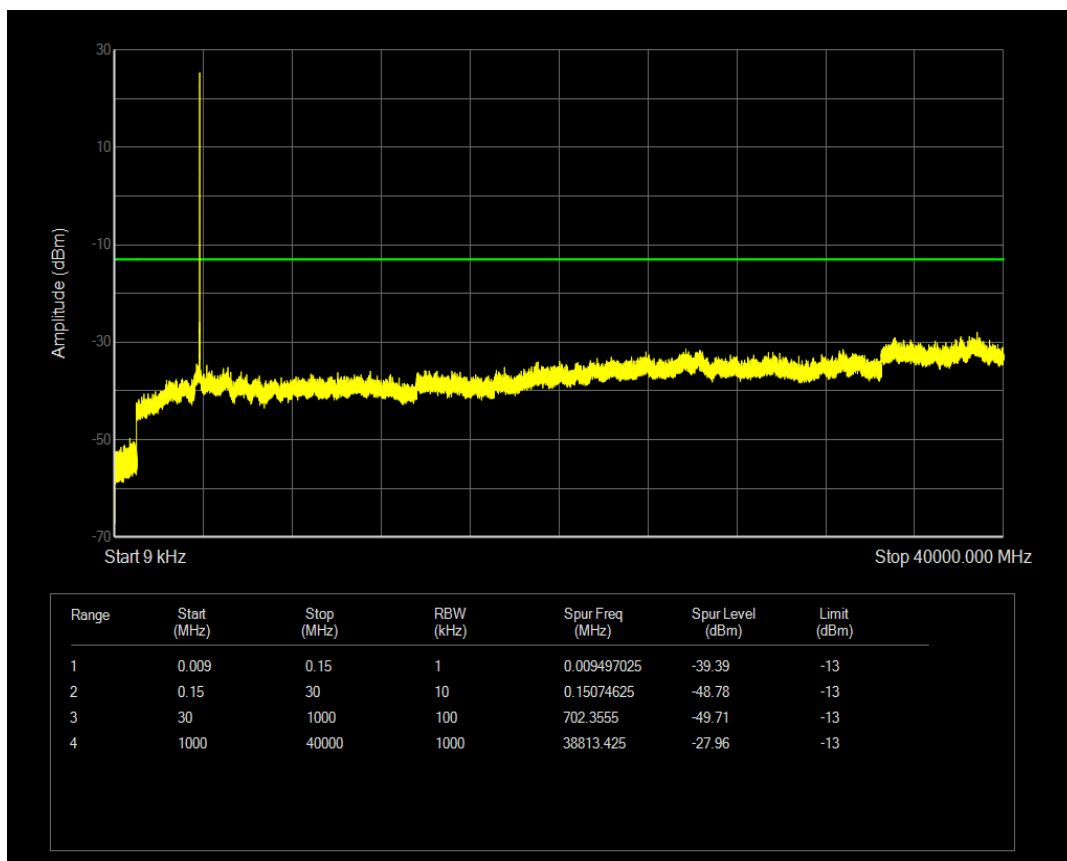
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=656000 RB=24@0



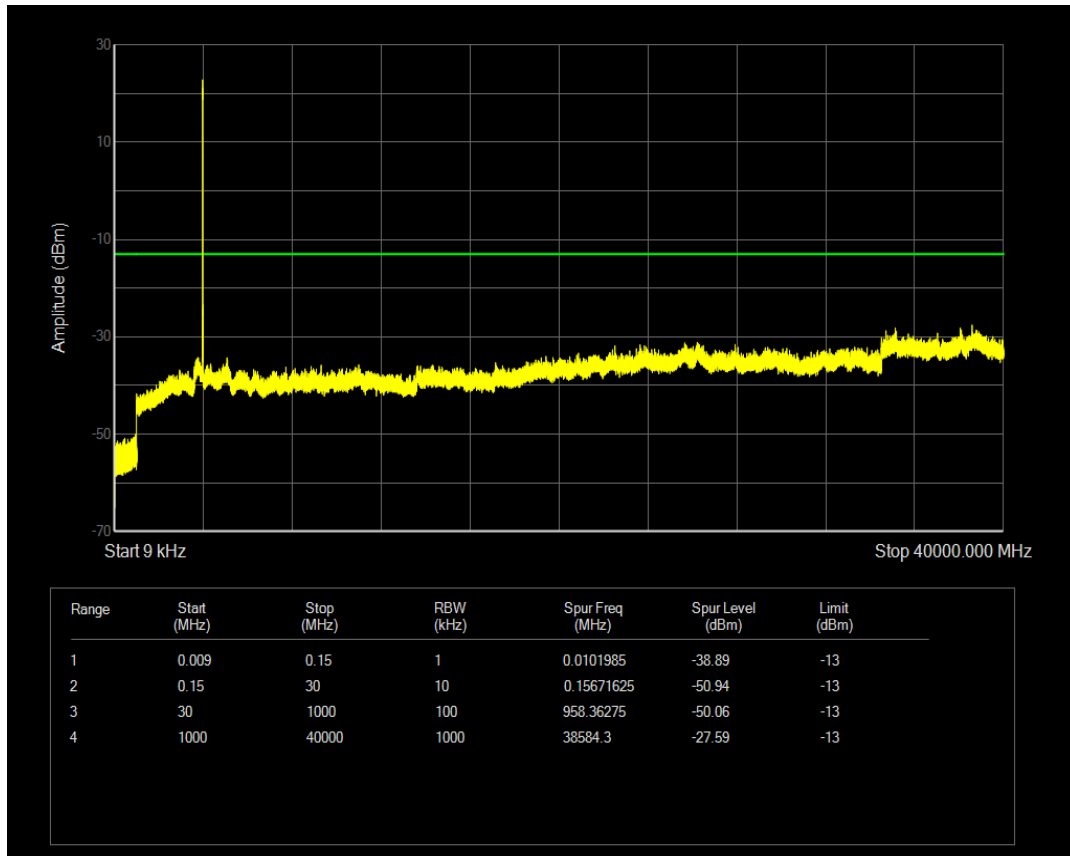
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=656000 RB=1@0



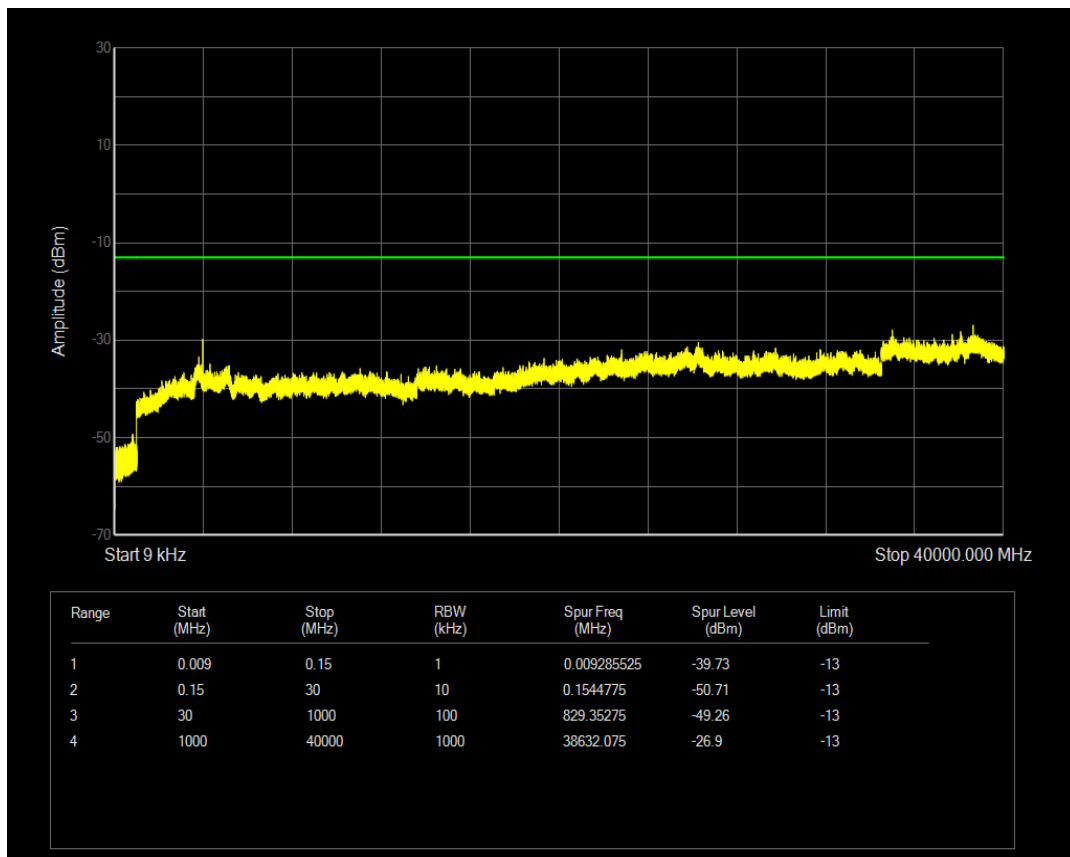
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=656000 RB=1@23



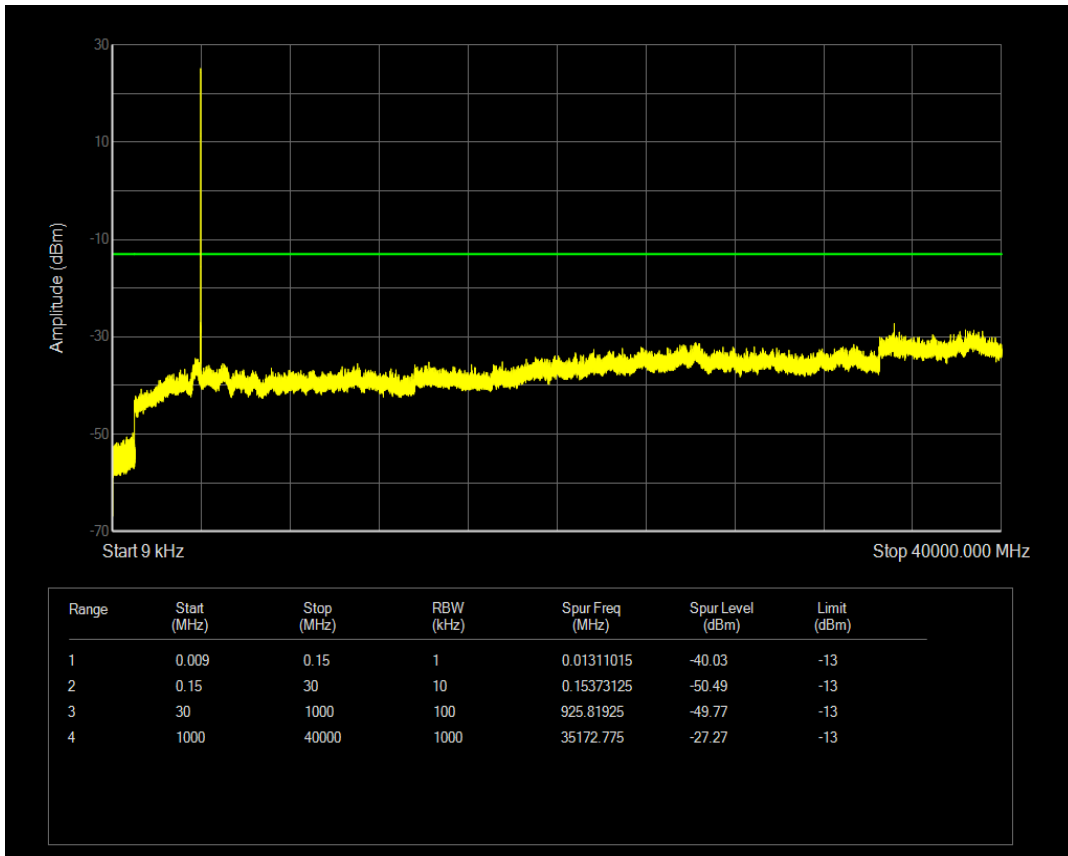
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=665000 RB=24@0



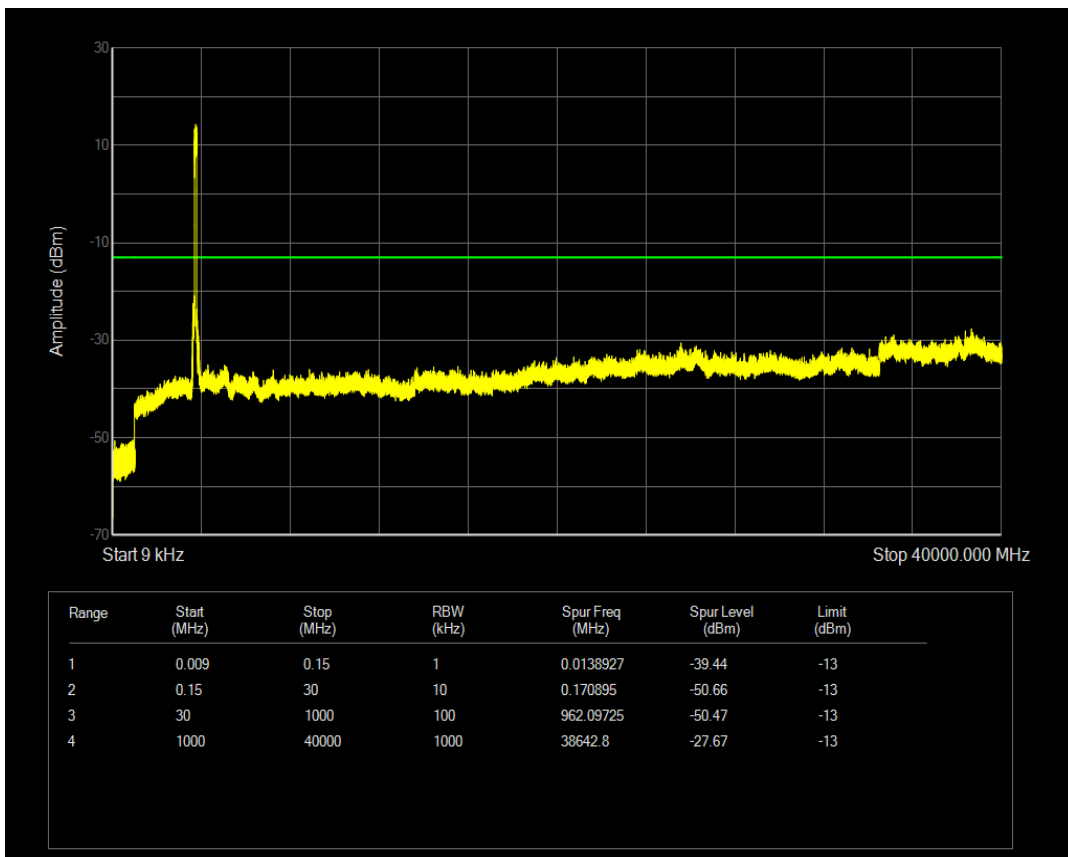
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=665000 RB=1@0



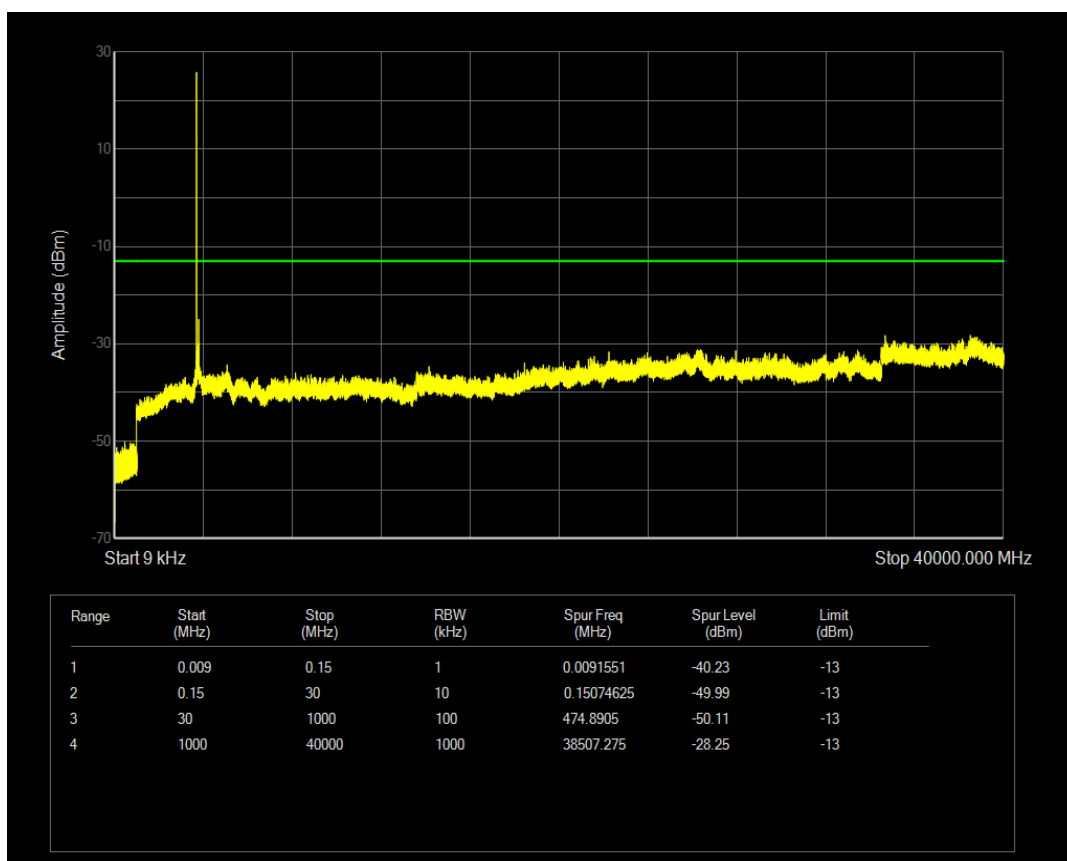
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=665000 RB=1@23



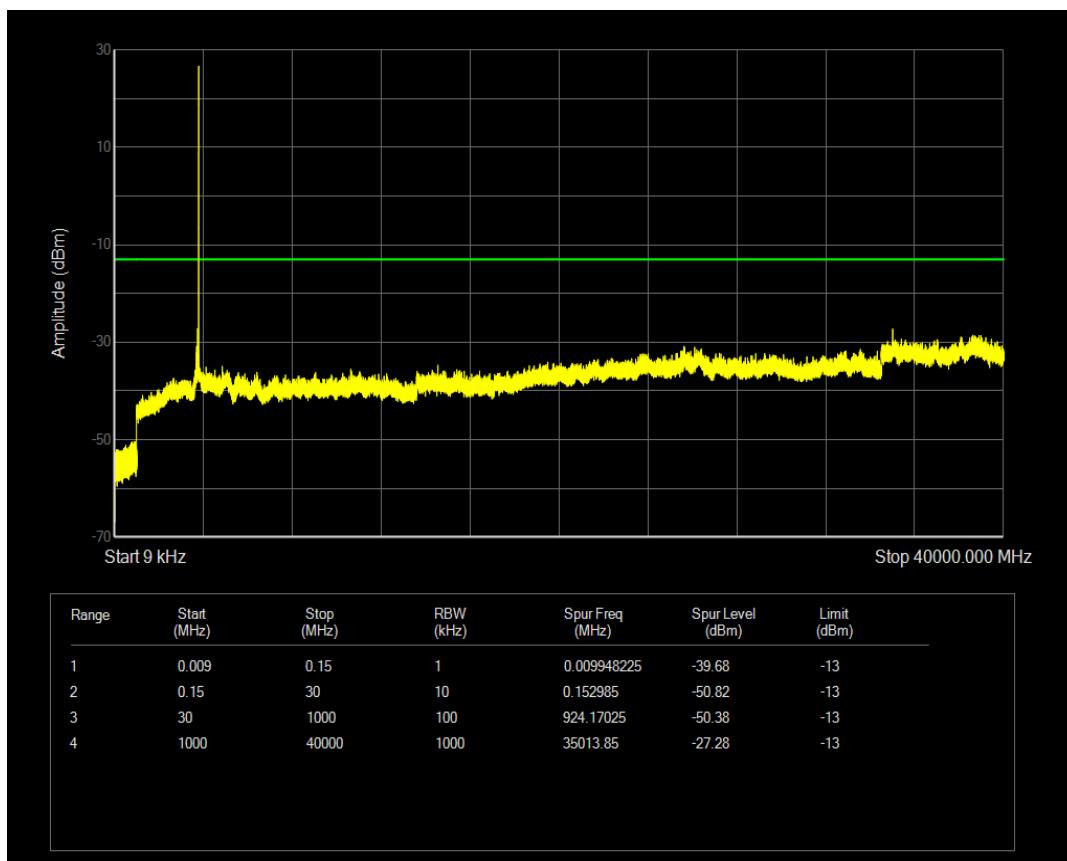
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=650000 RB=270@0



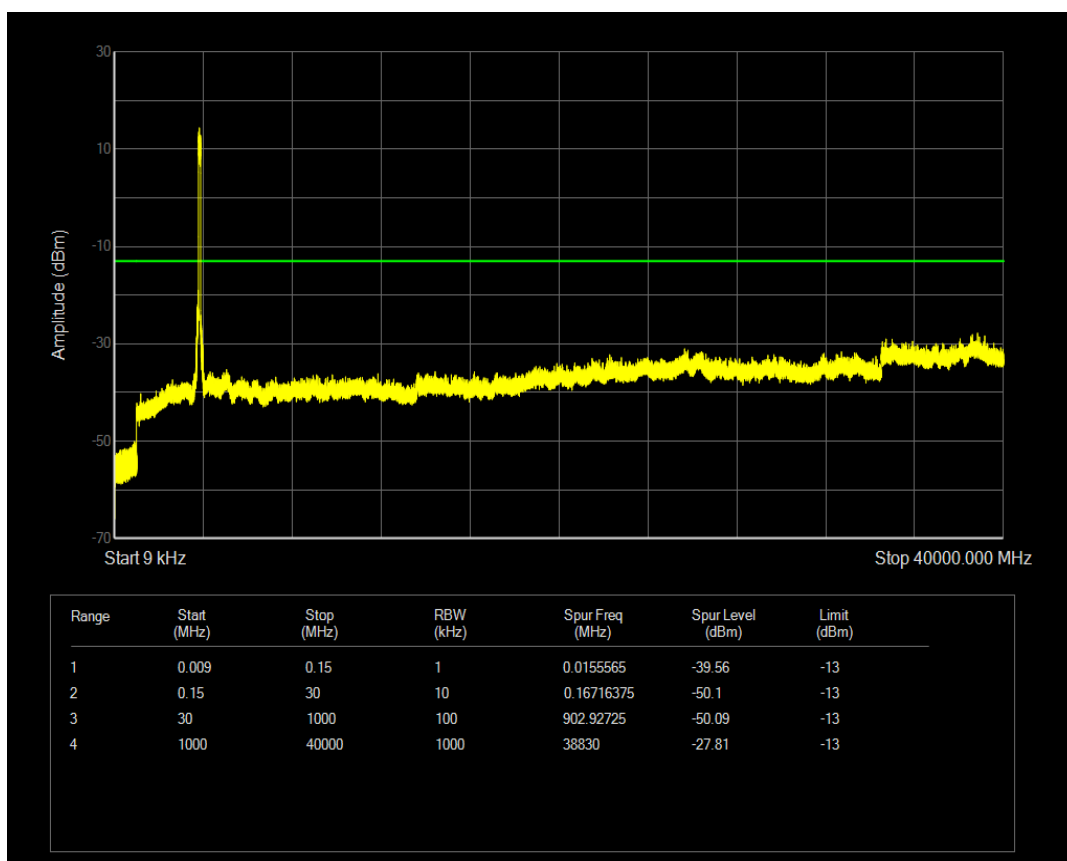
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=650000 RB=1@0



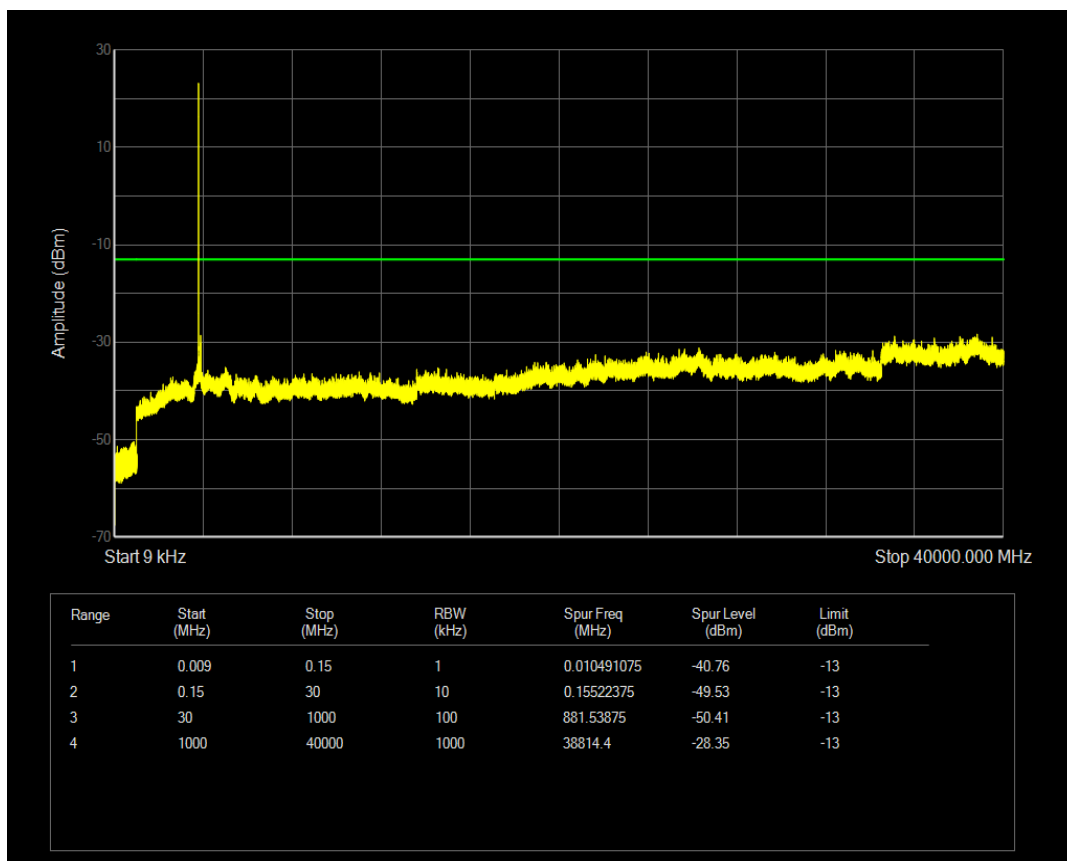
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=650000 RB=1@272



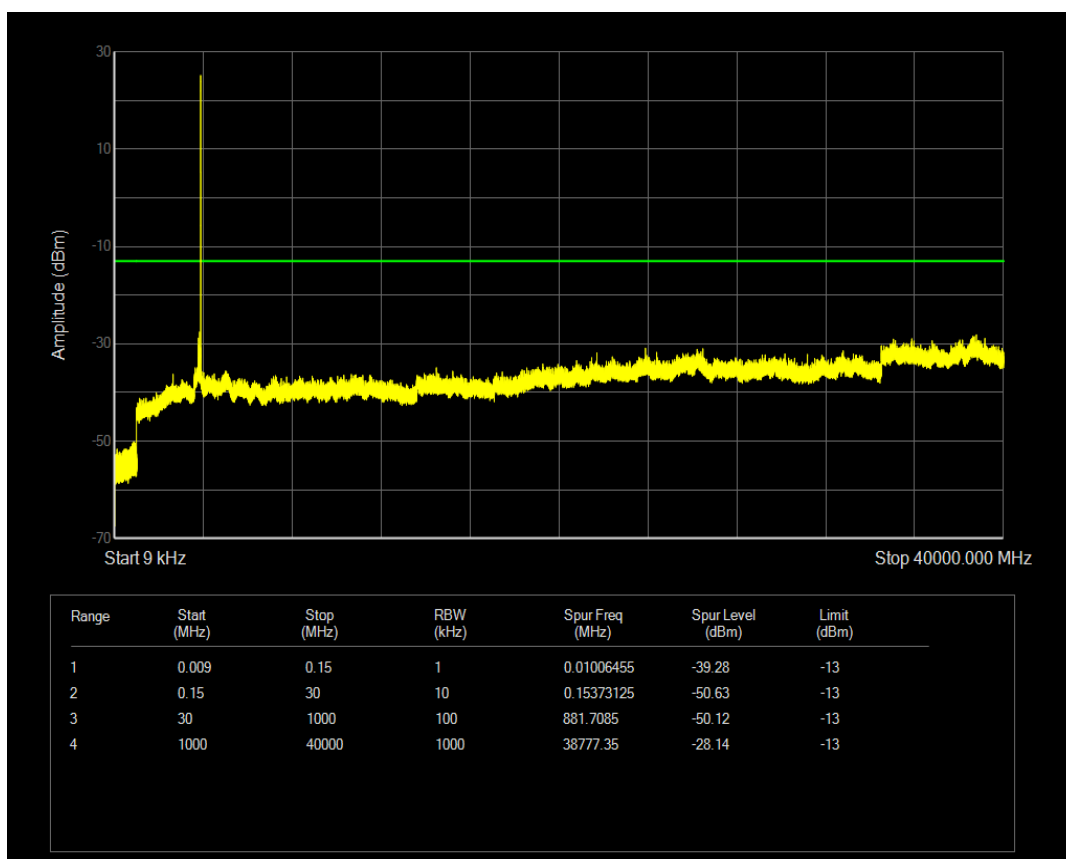
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=656000 RB=270@0



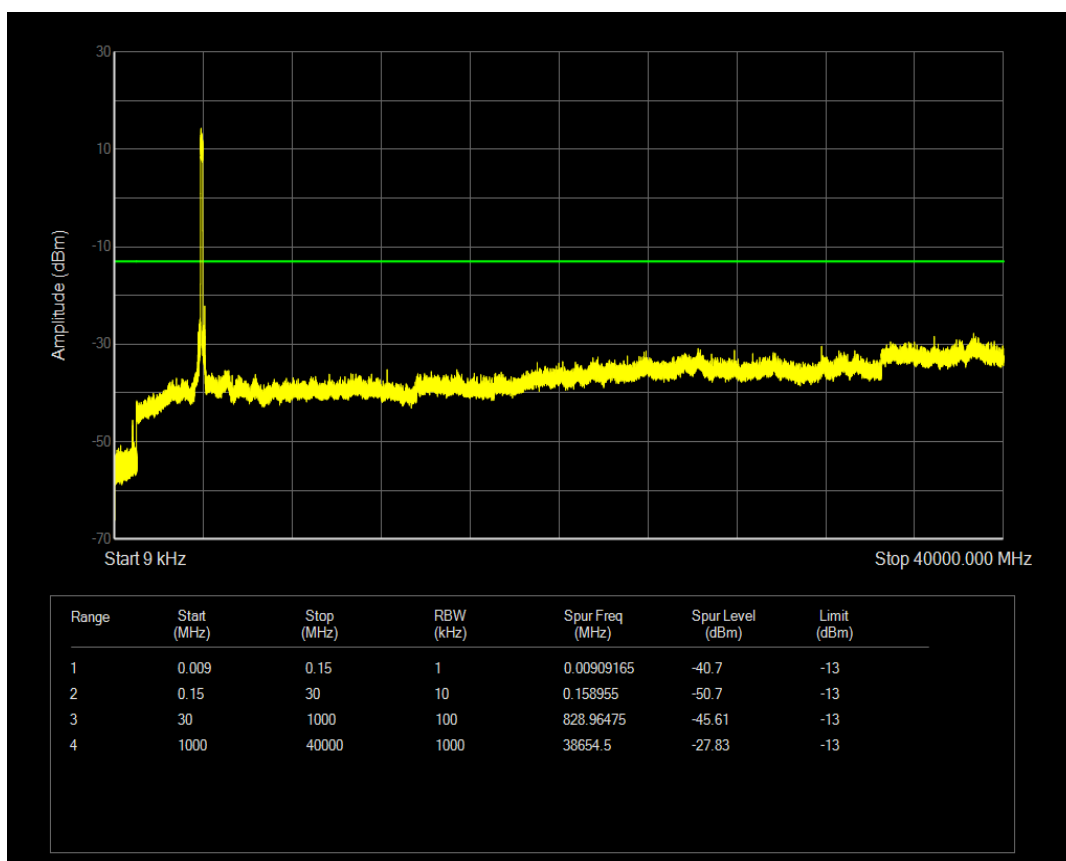
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=656000 RB=1@0



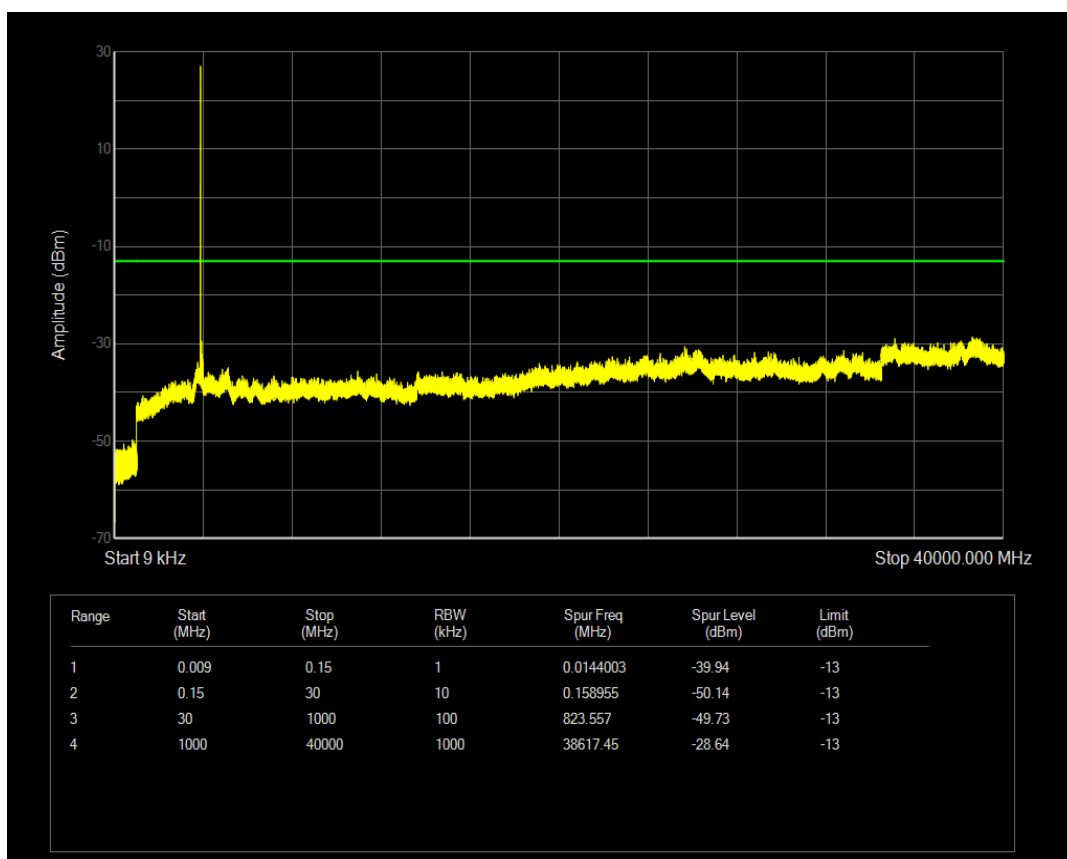
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=656000 RB=1@272



n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=662000 RB=270@0



n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=662000 RB=1@0



n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=662000 RB=1@272

