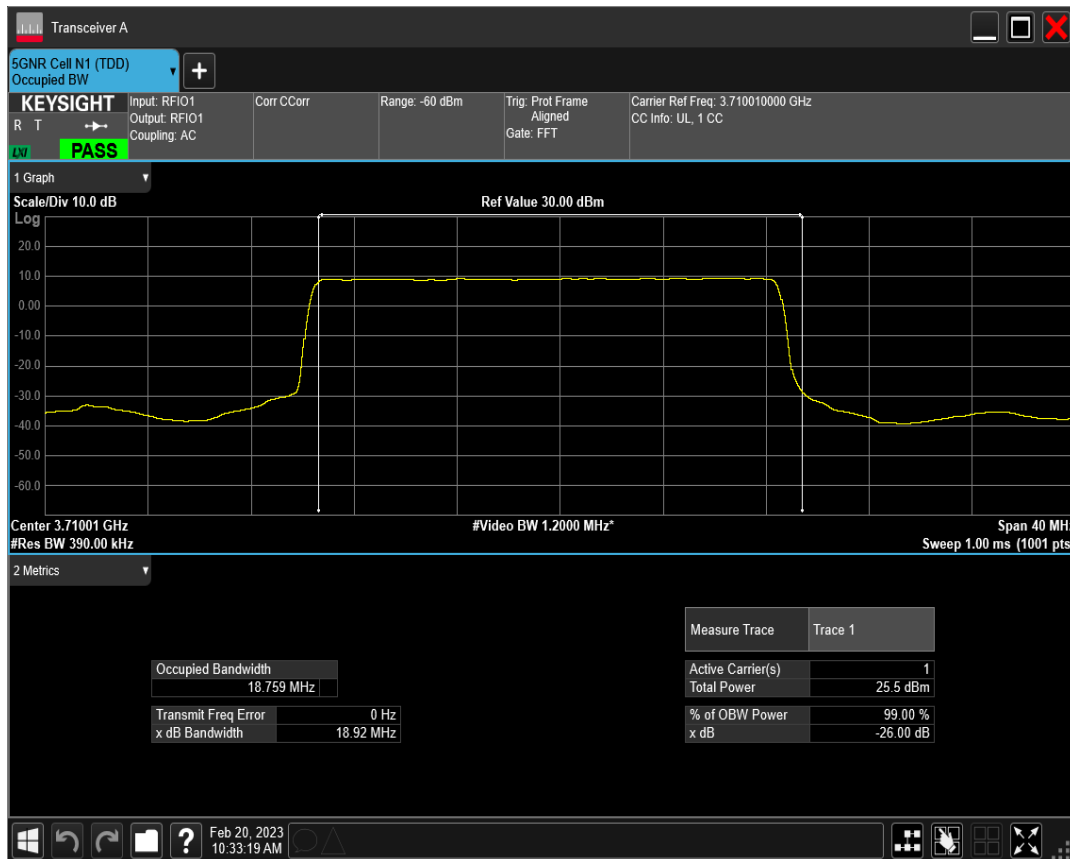
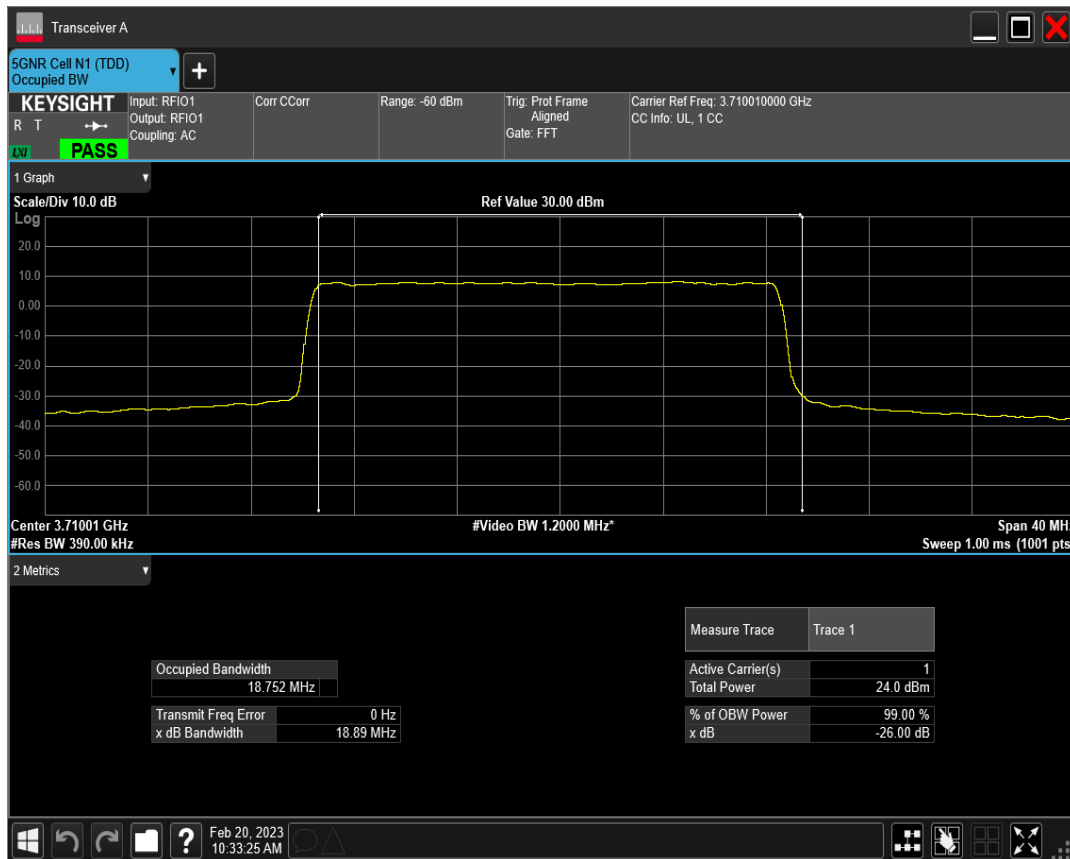




n77(3700-3980) SCS=15kHz DFT\_QPSK BW=20MHz Channel=647334 RB=100@0



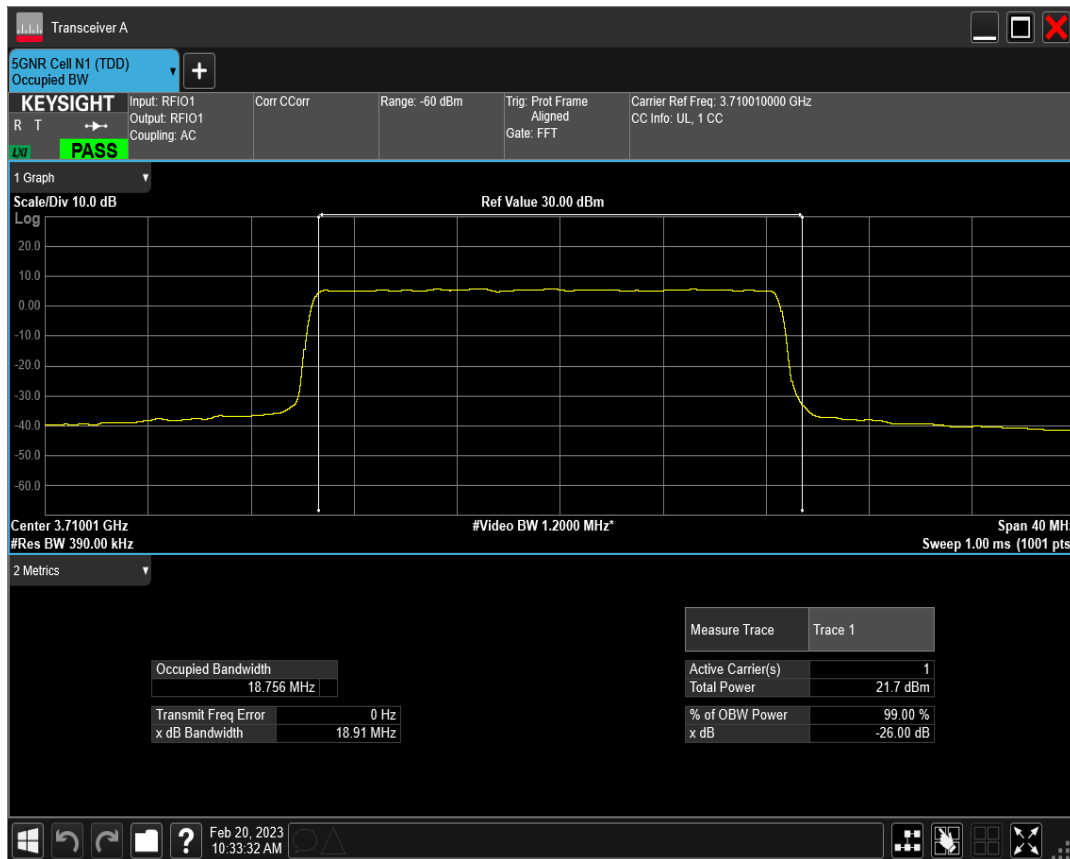
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n77(3700-3980) SCS=15kHz DFT\_QAM64 BW=20MHz Channel=647334 RB=100@0



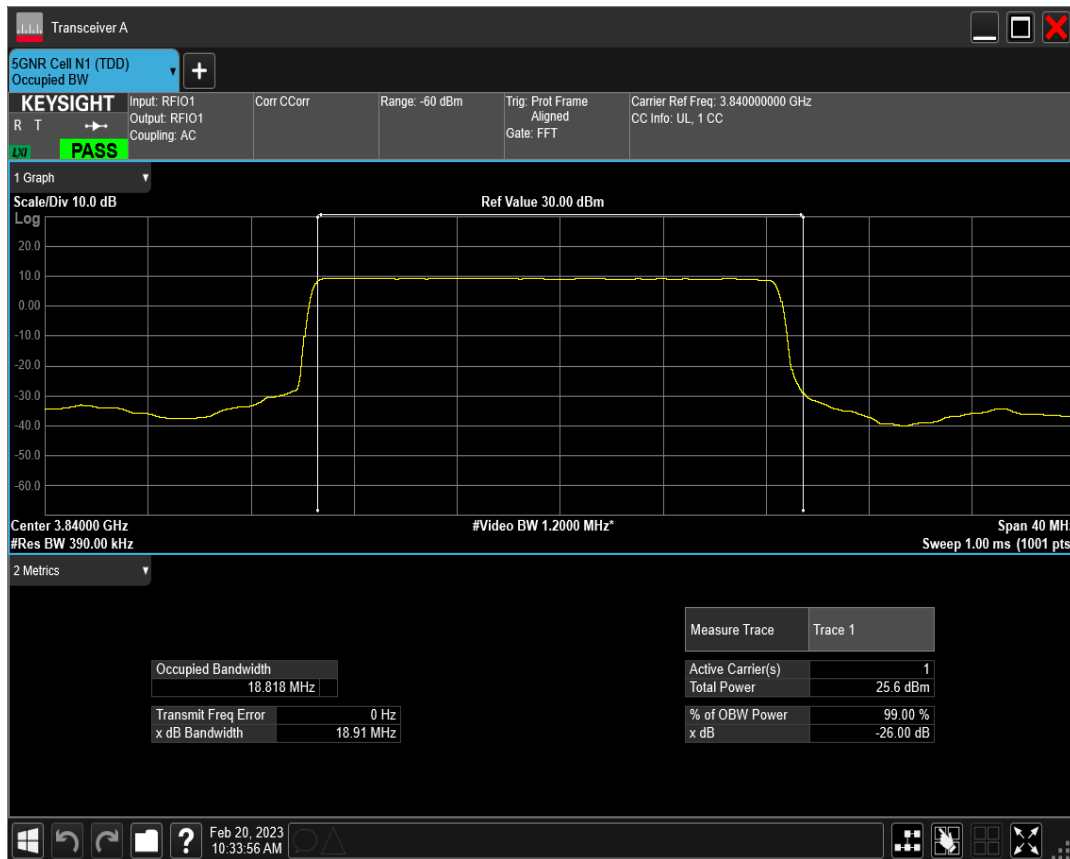
n77(3700-3980) SCS=15kHz DFT\_QAM256 BW=20MHz Channel=647334 RB=100@0



n77(3700-3980) SCS=15kHz CP\_QPSK BW=20MHz Channel=647334 RB=106@0



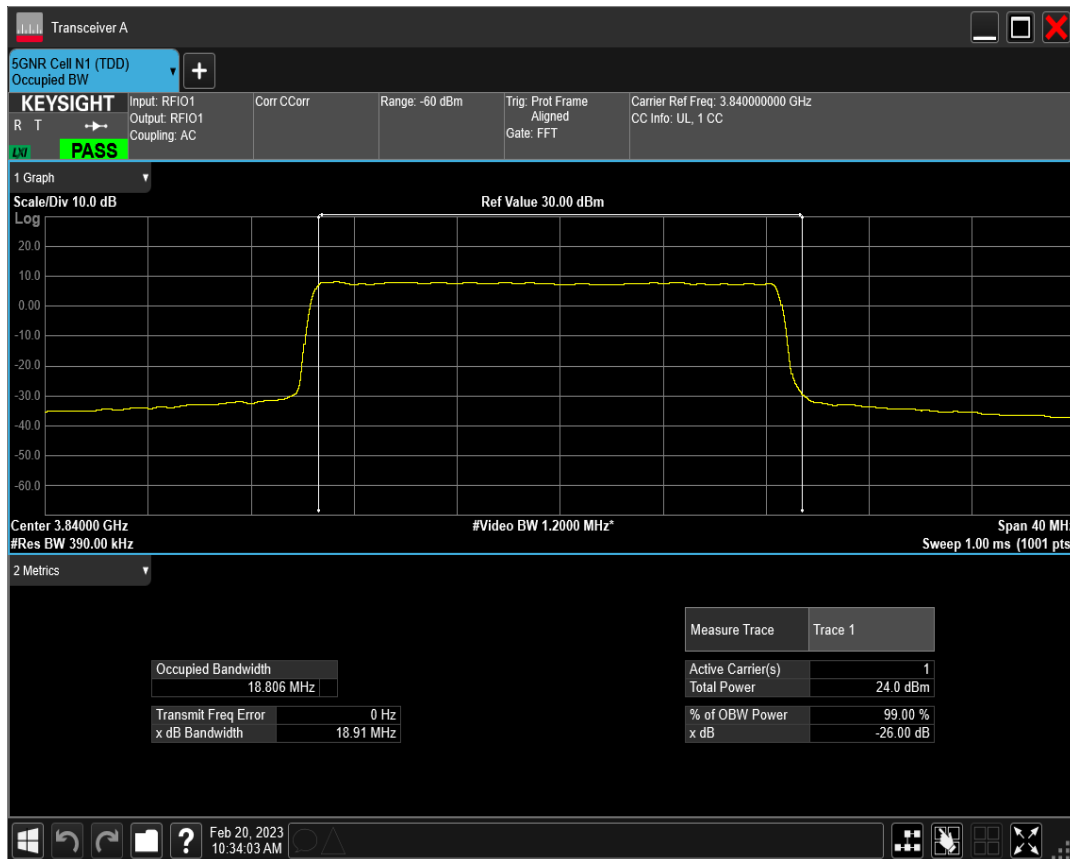
n77(3700-3980) SCS=15kHz DFT\_BPSK BW=20MHz Channel=656000 RB=100@0



n77(3700-3980) SCS=15kHz DFT\_QPSK BW=20MHz Channel=656000 RB=100@0



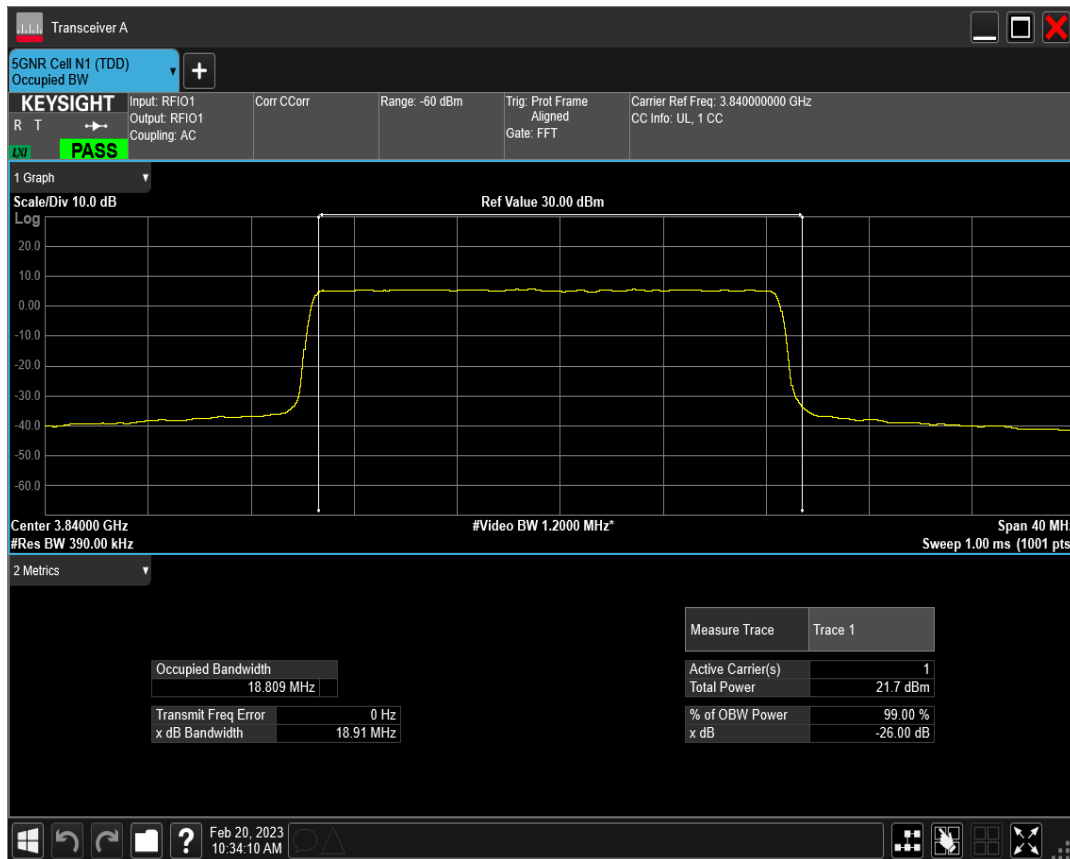
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n77(3700-3980) SCS=15kHz DFT\_QAM64 BW=20MHz Channel=656000 RB=100@0



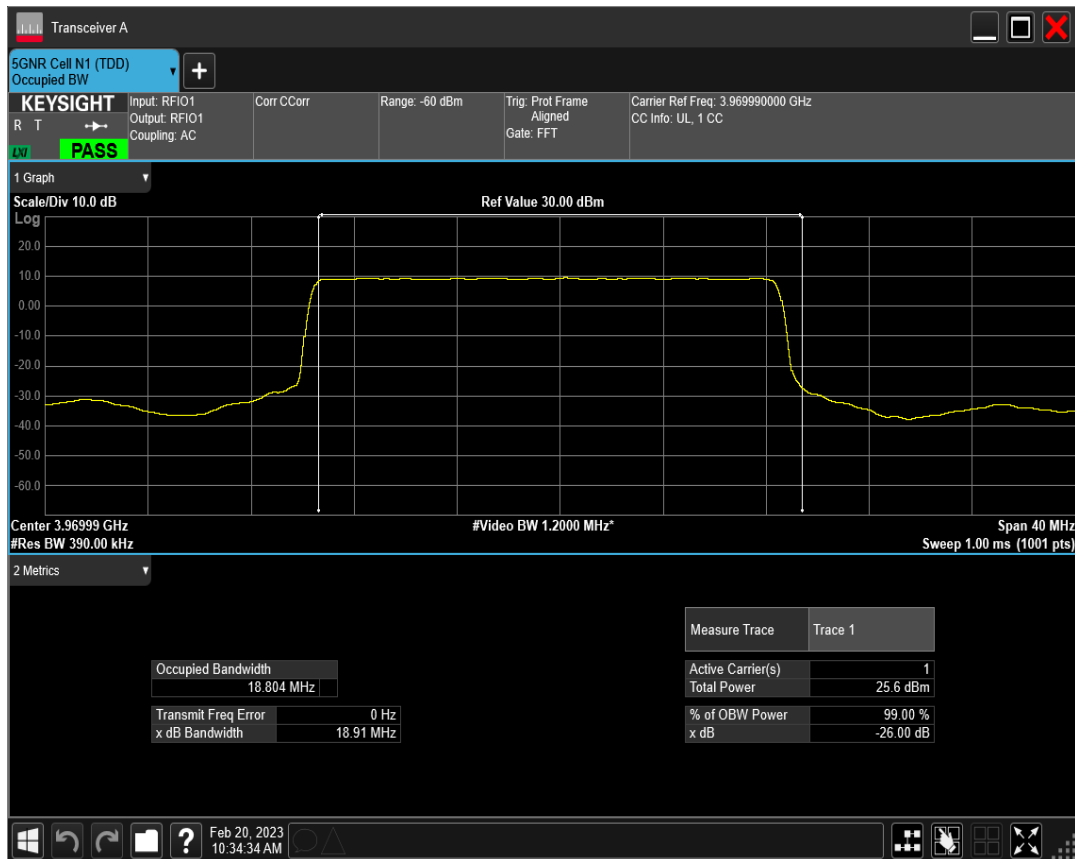
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n77(3700-3980) SCS=15kHz CP\_QPSK BW=20MHz Channel=656000 RB=106@0



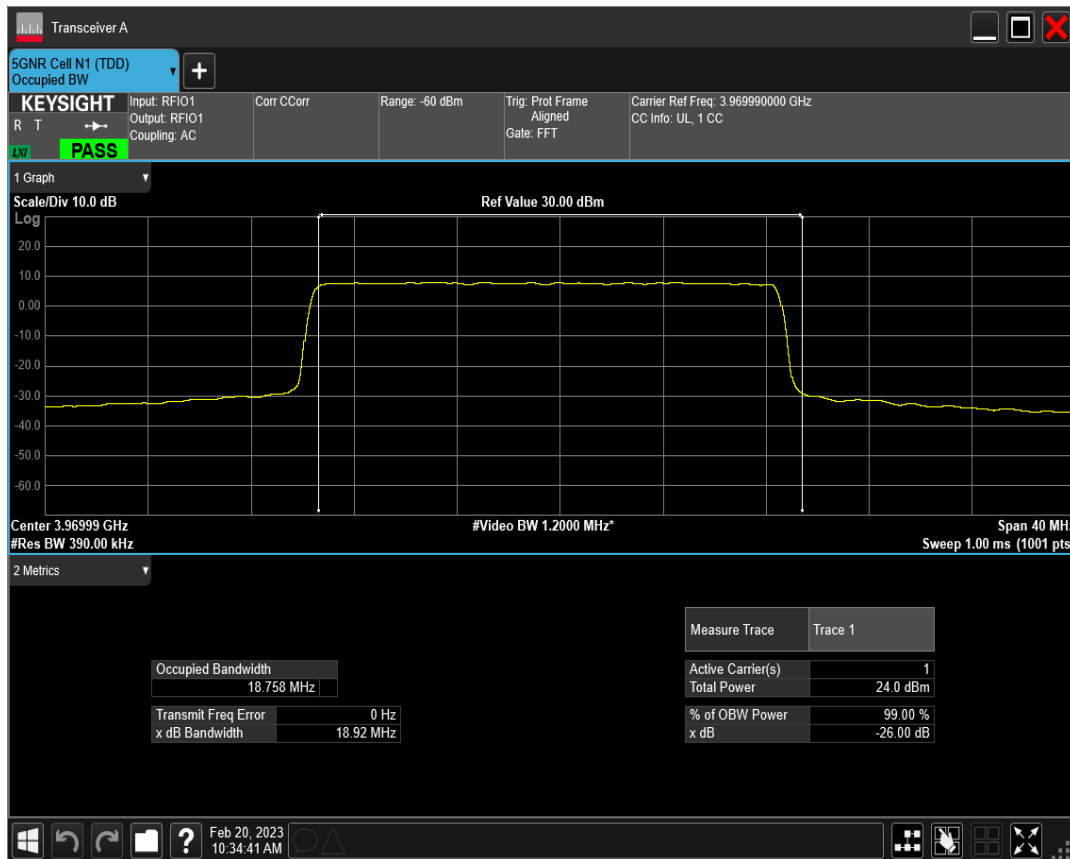
n77(3700-3980) SCS=15kHz DFT\_BPSK BW=20MHz Channel=664666 RB=100@0



n77(3700-3980) SCS=15kHz DFT\_QPSK BW=20MHz Channel=664666 RB=100@0



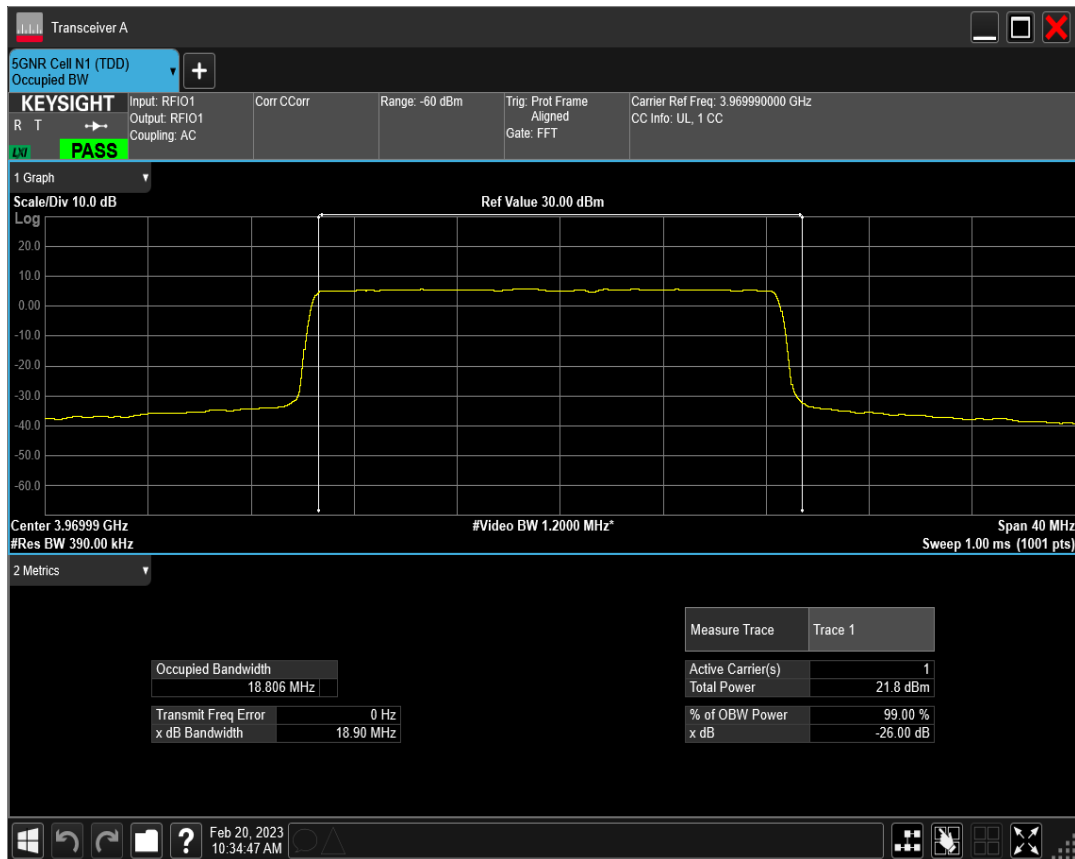
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n77(3700-3980) SCS=15kHz DFT\_QAM64 BW=20MHz Channel=664666 RB=100@0



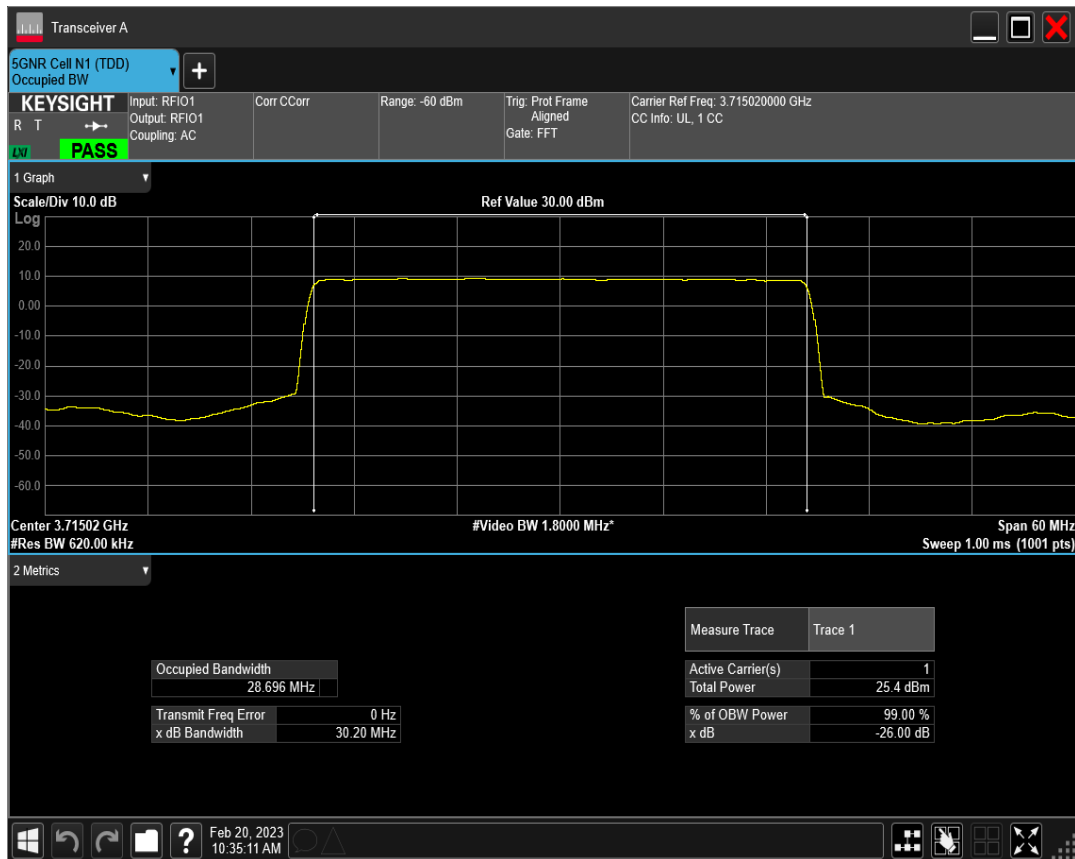
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n77(3700-3980) SCS=15kHz CP\_QPSK BW=20MHz Channel=664666 RB=106@0



n77(3700-3980) SCS=15kHz DFT\_BPSK BW=30MHz Channel=647668 RB=160@0



n77(3700-3980) SCS=15kHz DFT\_QPSK BW=30MHz Channel=647668 RB=160@0



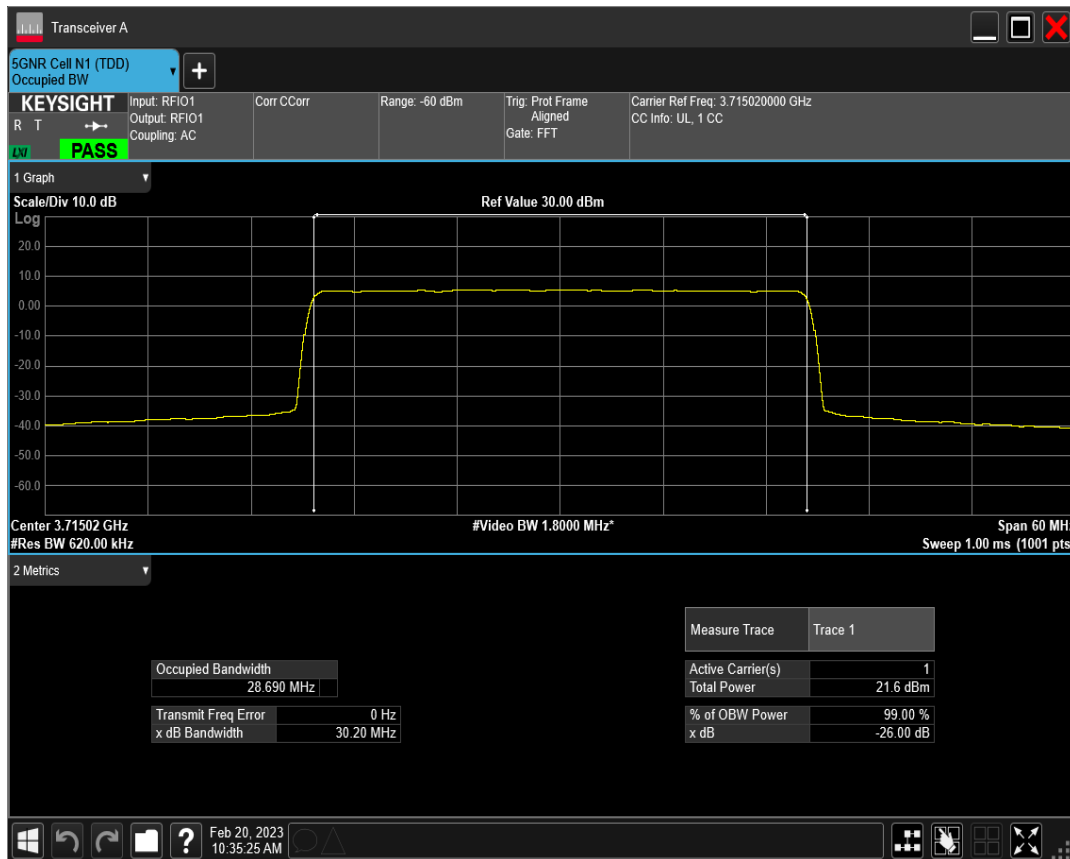
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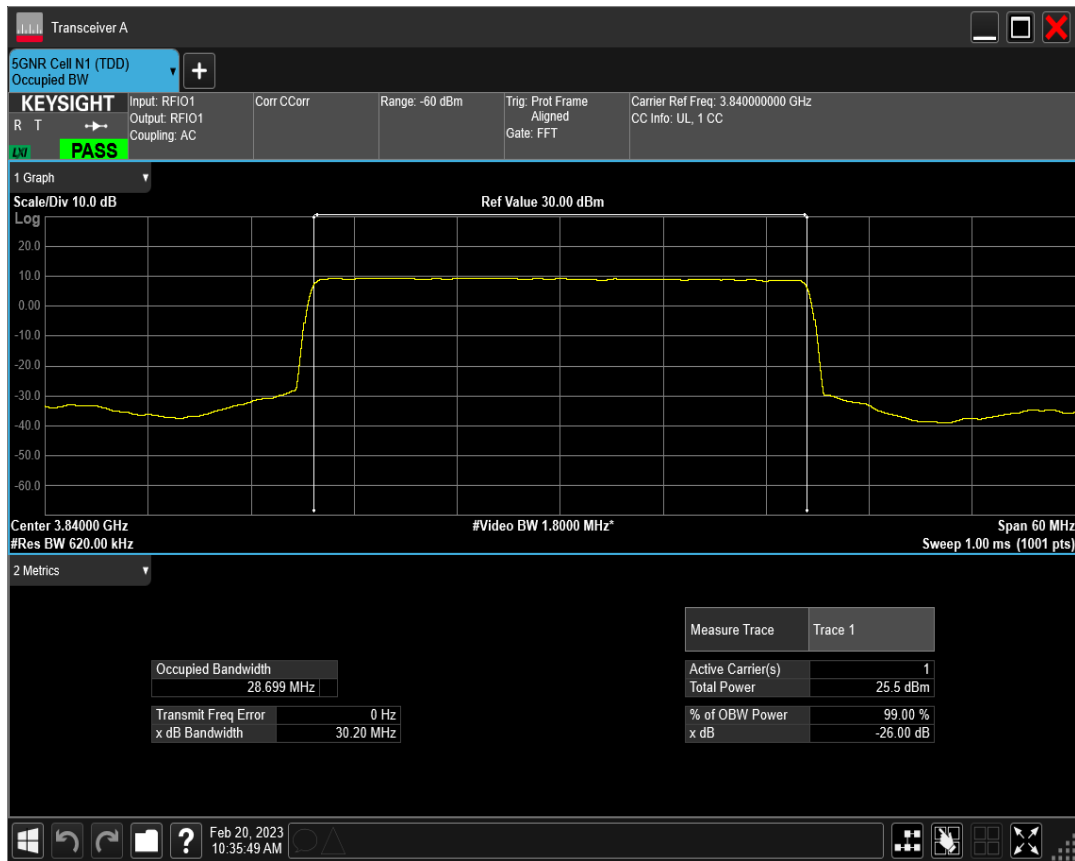
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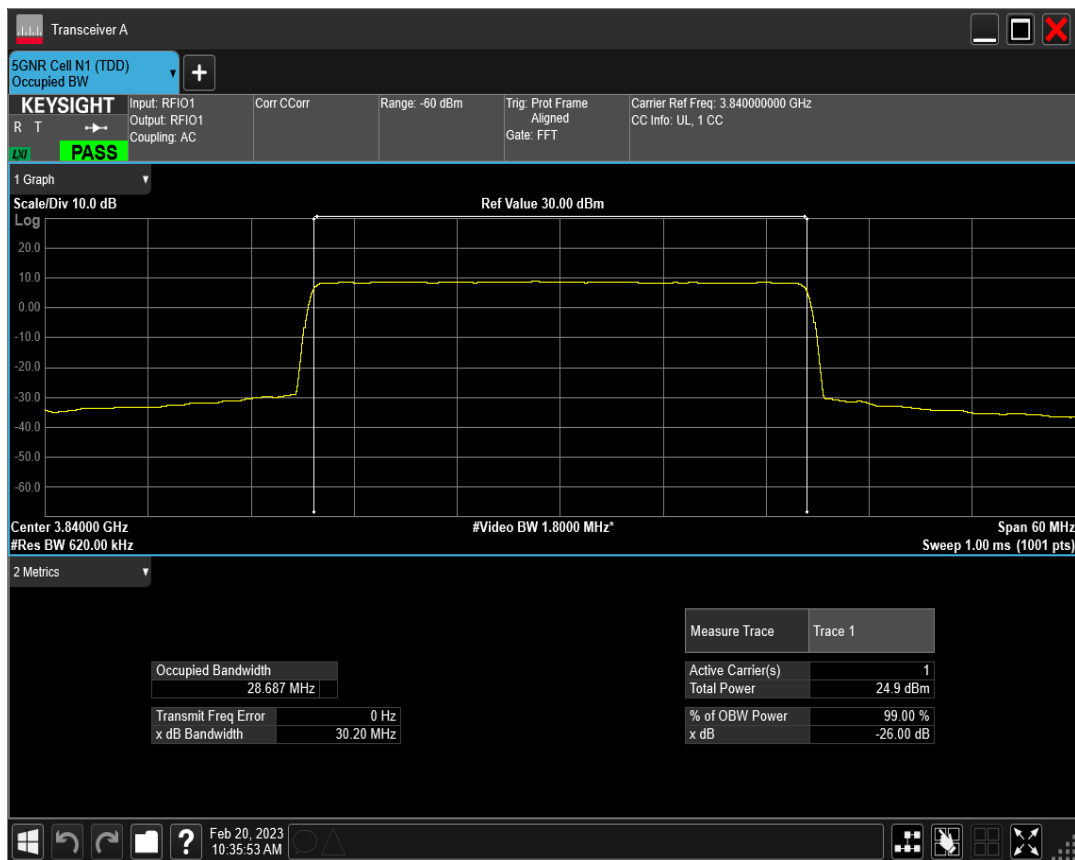
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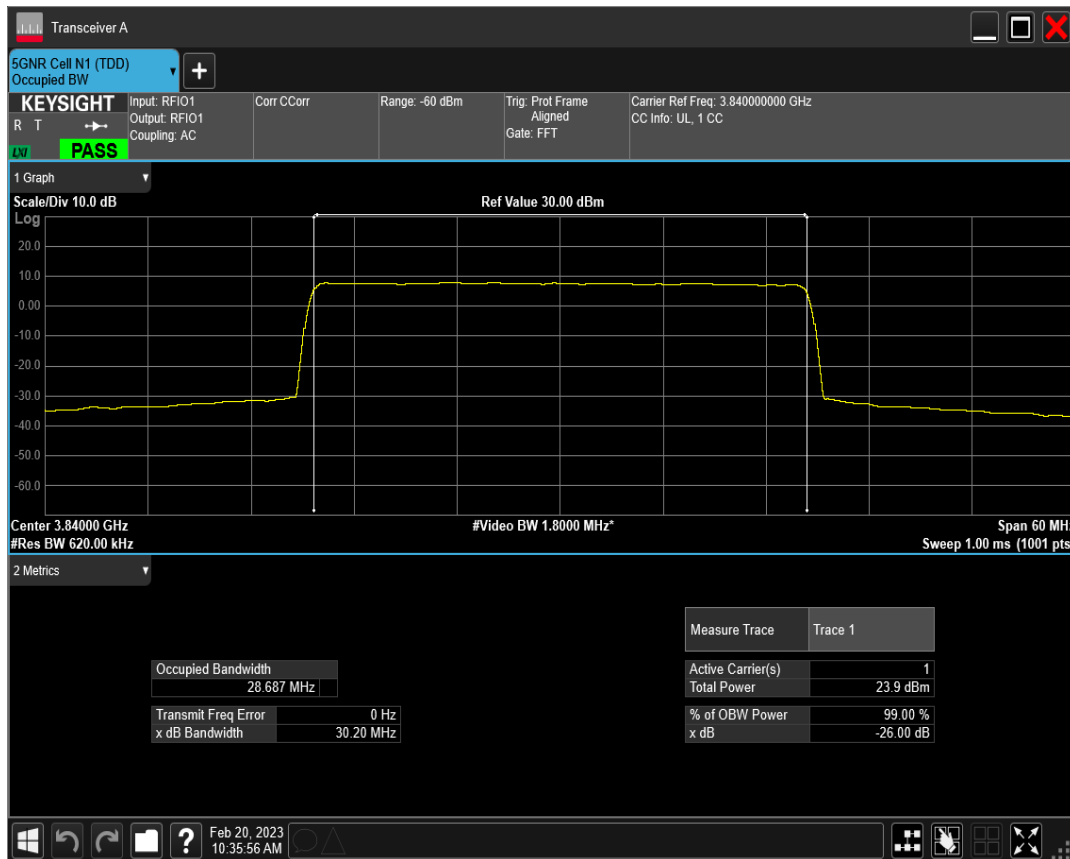
n77(3700-3980) SCS=15kHz DFT\_BPSK BW=30MHz Channel=656000 RB=160@0



n77(3700-3980) SCS=15kHz DFT\_QPSK BW=30MHz Channel=656000 RB=160@0



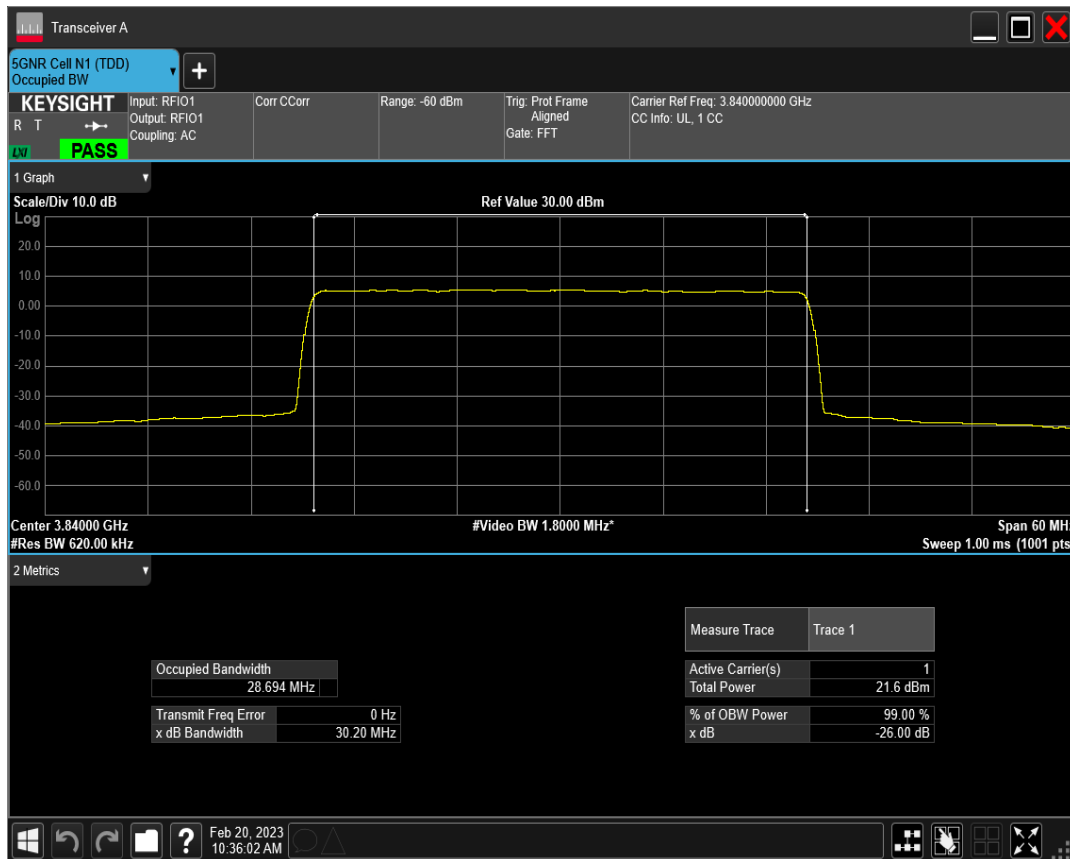
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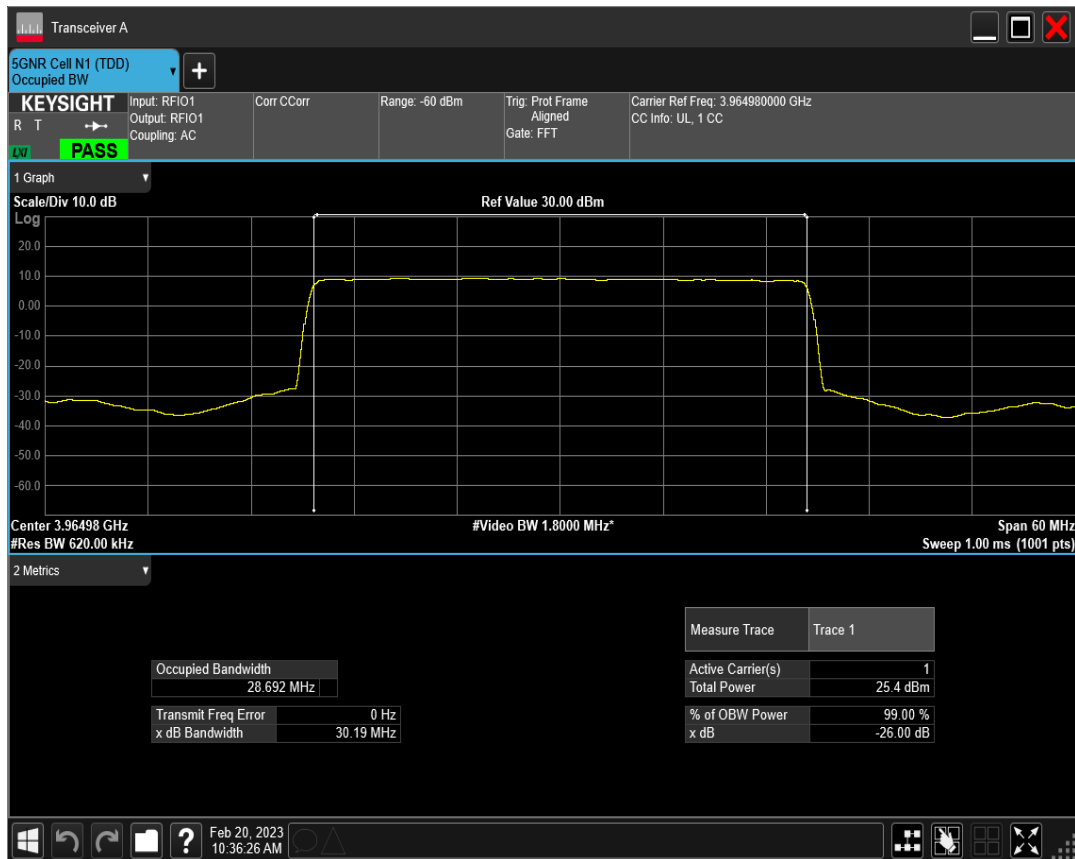
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n77(3700-3980) SCS=15kHz CP\_QPSK BW=30MHz Channel=656000 RB=160@0



n77(3700-3980) SCS=15kHz DFT\_BPSK BW=30MHz Channel=664332 RB=160@0



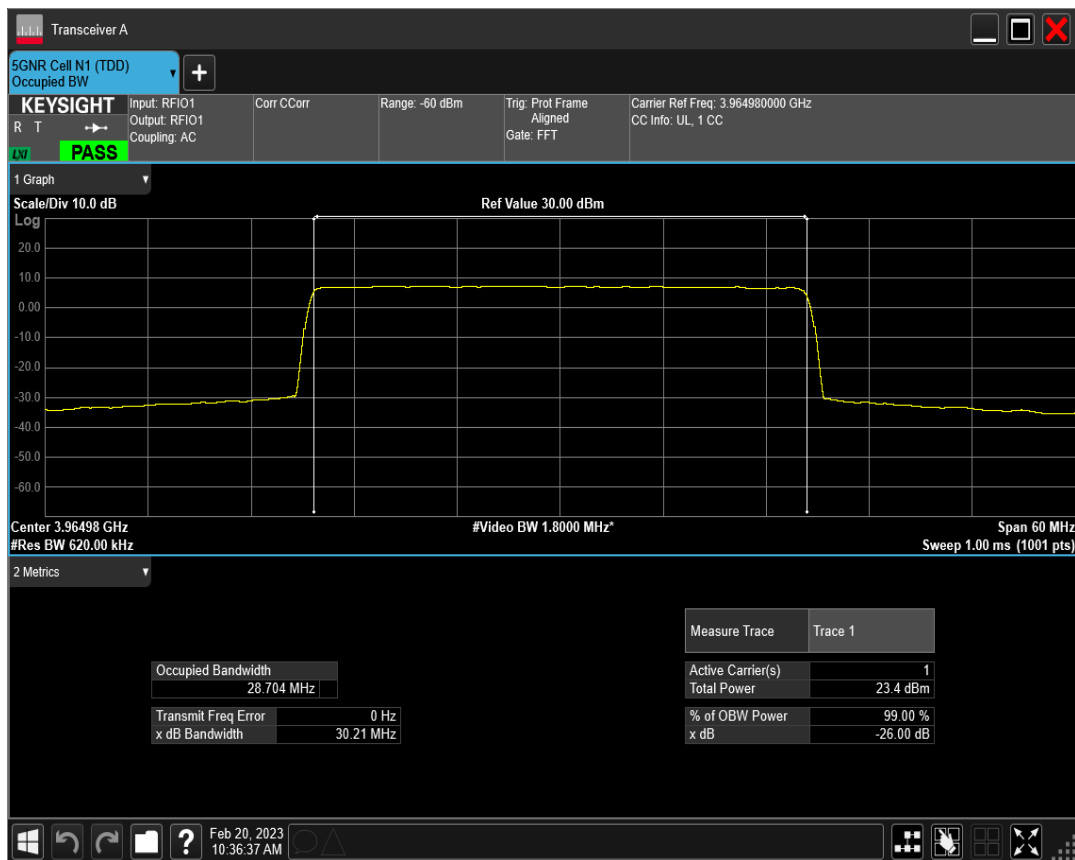
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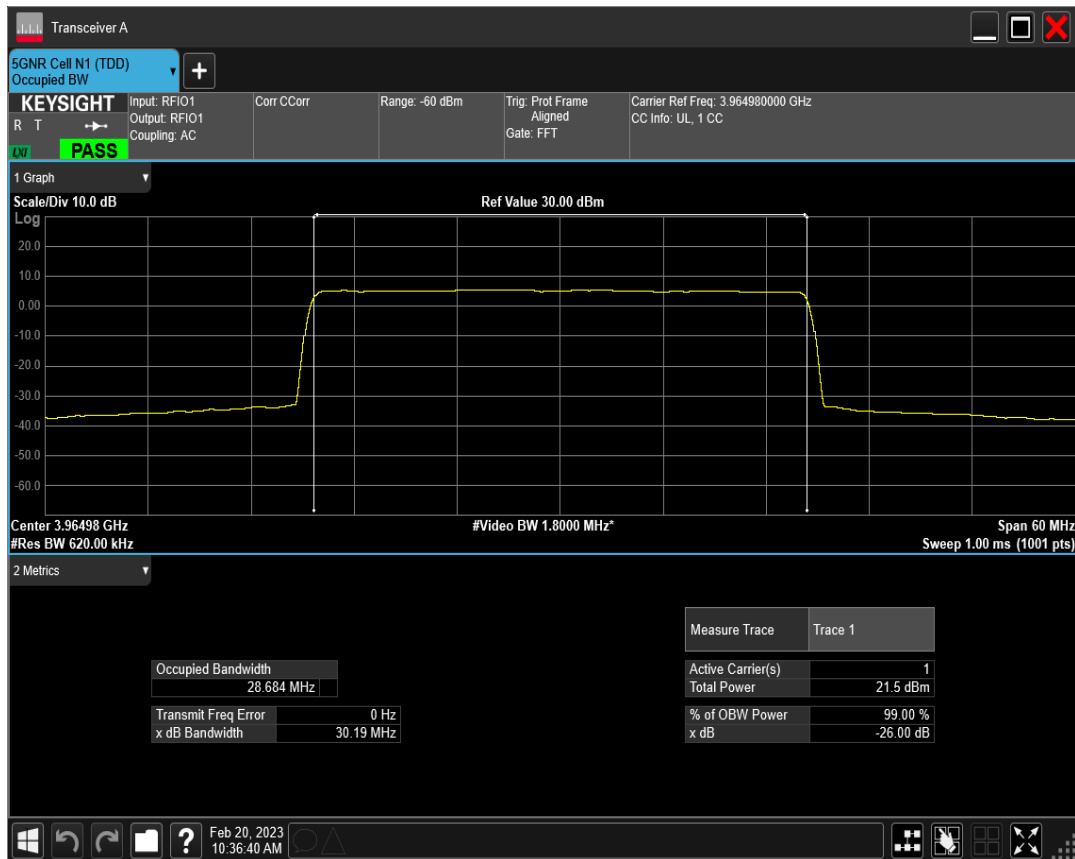
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n77(3700-3980) SCS=15kHz DFT\_QAM64 BW=30MHz Channel=664332 RB=160@0



n77(3700-3980) SCS=15kHz DFT\_QAM256 BW=30MHz Channel=664332 RB=160@0



n77(3700-3980) SCS=15kHz CP\_QPSK BW=30MHz Channel=664332 RB=160@0



n77(3700-3980) SCS=15kHz DFT\_BPSK BW=40MHz Channel=648000 RB=216@0



n77(3700-3980) SCS=15kHz DFT\_QPSK BW=40MHz Channel=648000 RB=216@0



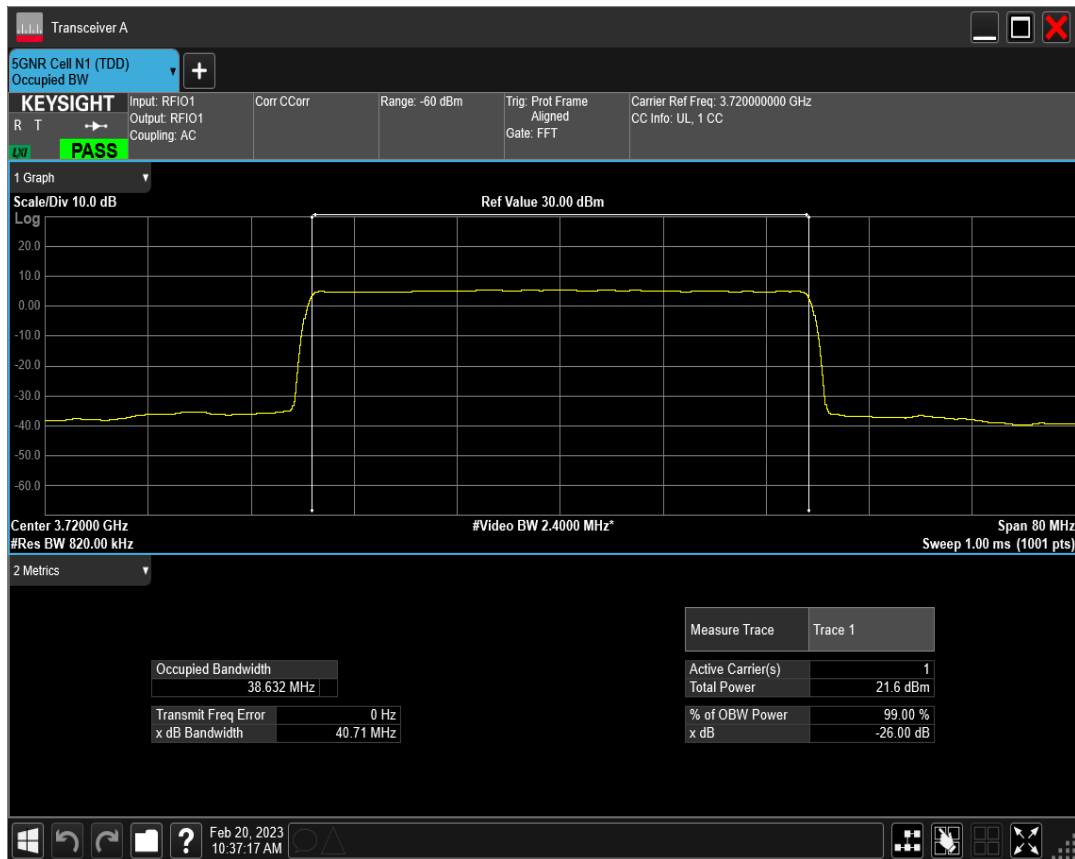
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n77(3700-3980) SCS=15kHz DFT\_QAM64 BW=40MHz Channel=648000 RB=216@0



n77(3700-3980) SCS=15kHz DFT\_QAM256 BW=40MHz Channel=648000 RB=216@0



n77(3700-3980) SCS=15kHz CP\_QPSK BW=40MHz Channel=648000 RB=216@0



n77(3700-3980) SCS=15kHz DFT\_BPSK BW=40MHz Channel=656000 RB=216@0



n77(3700-3980) SCS=15kHz DFT\_QPSK BW=40MHz Channel=656000 RB=216@0



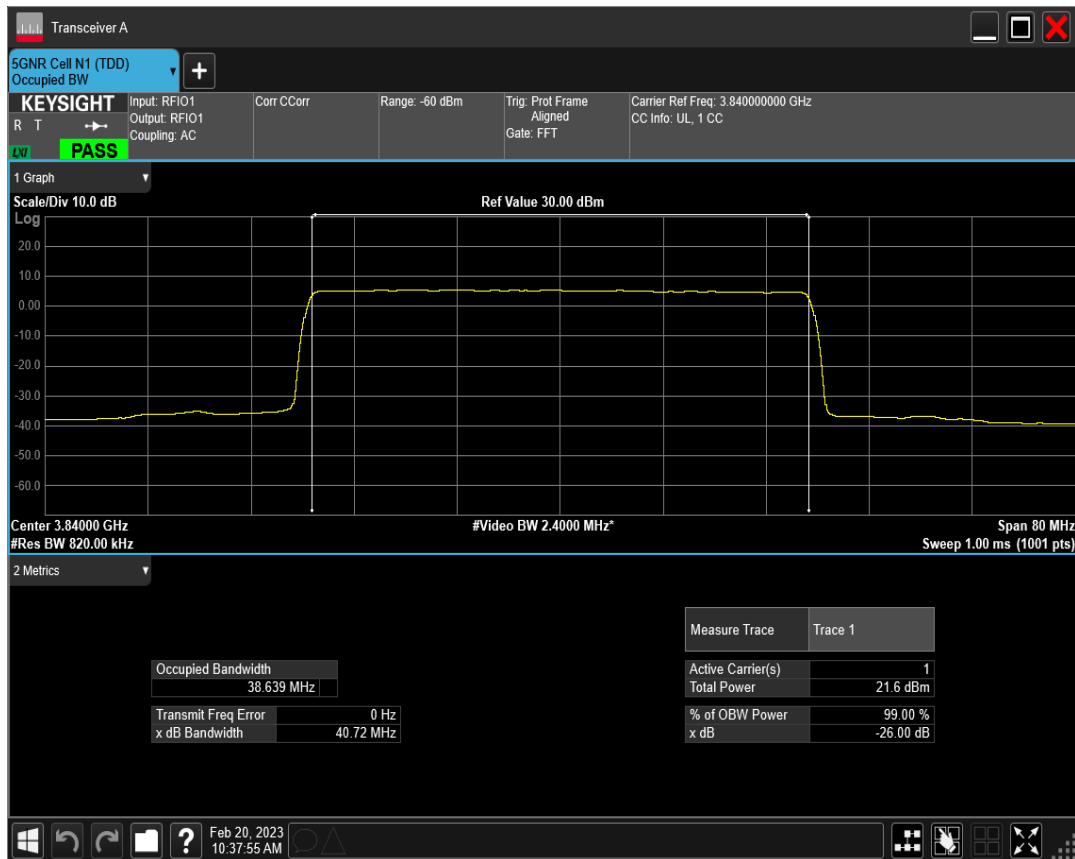
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n77(3700-3980) SCS=15kHz DFT\_QAM64 BW=40MHz Channel=656000 RB=216@0



n77(3700-3980) SCS=15kHz DFT\_QAM256 BW=40MHz Channel=656000 RB=216@0



n77(3700-3980) SCS=15kHz CP\_QPSK BW=40MHz Channel=656000 RB=216@0



n77(3700-3980) SCS=15kHz DFT\_BPSK BW=40MHz Channel=664000 RB=216@0



n77(3700-3980) SCS=15kHz DFT\_QPSK BW=40MHz Channel=664000 RB=216@0



n77(3700-3980) SCS=15kHz DFT\_QAM16 BW=40MHz Channel=664000 RB=216@0



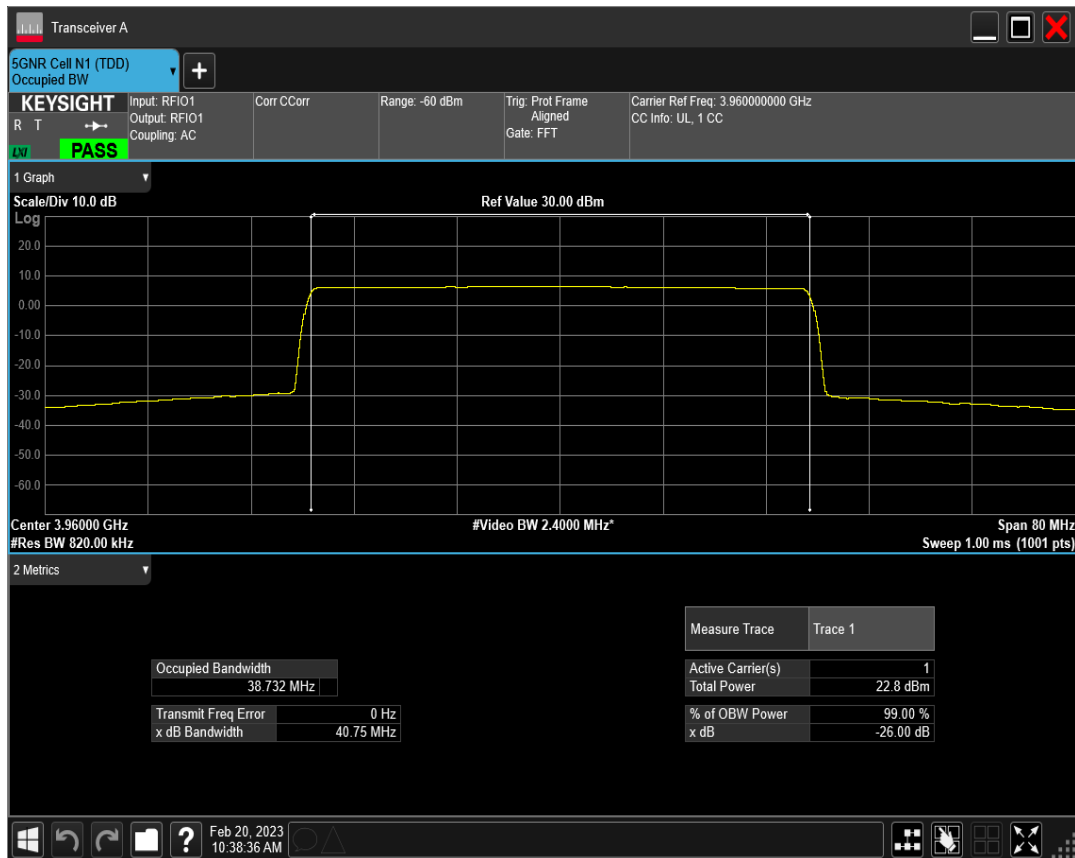
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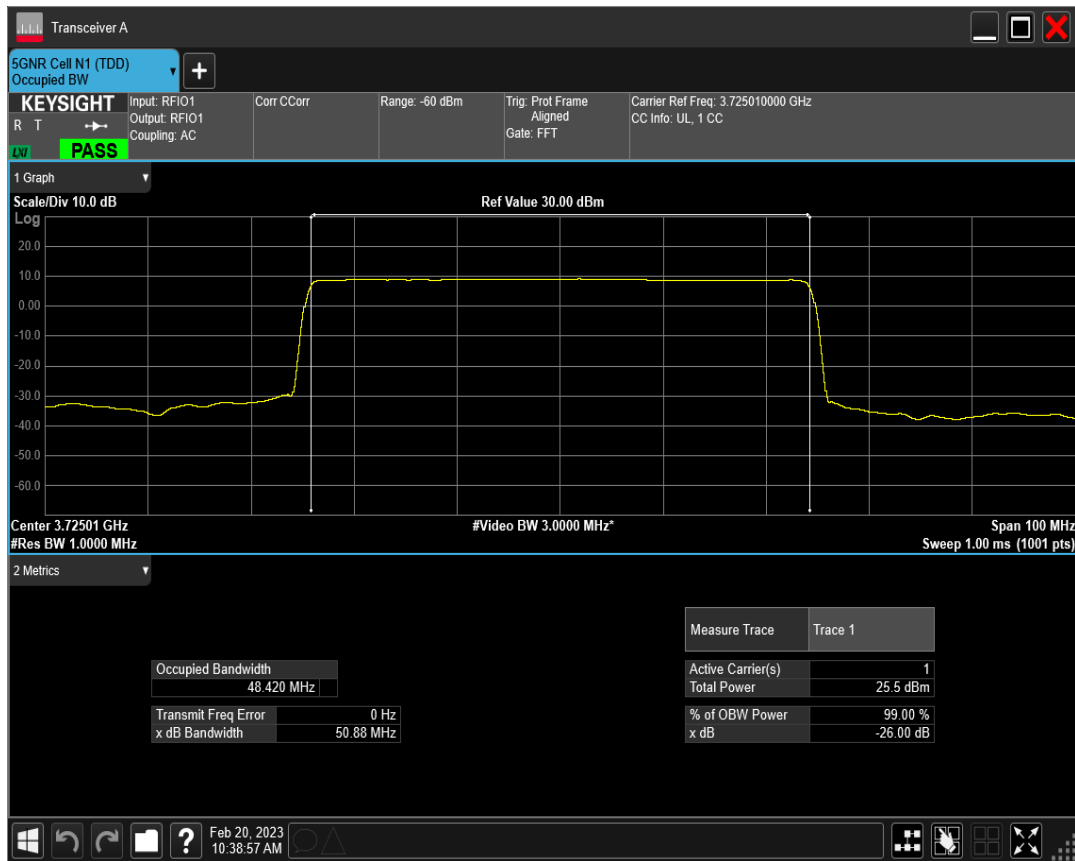
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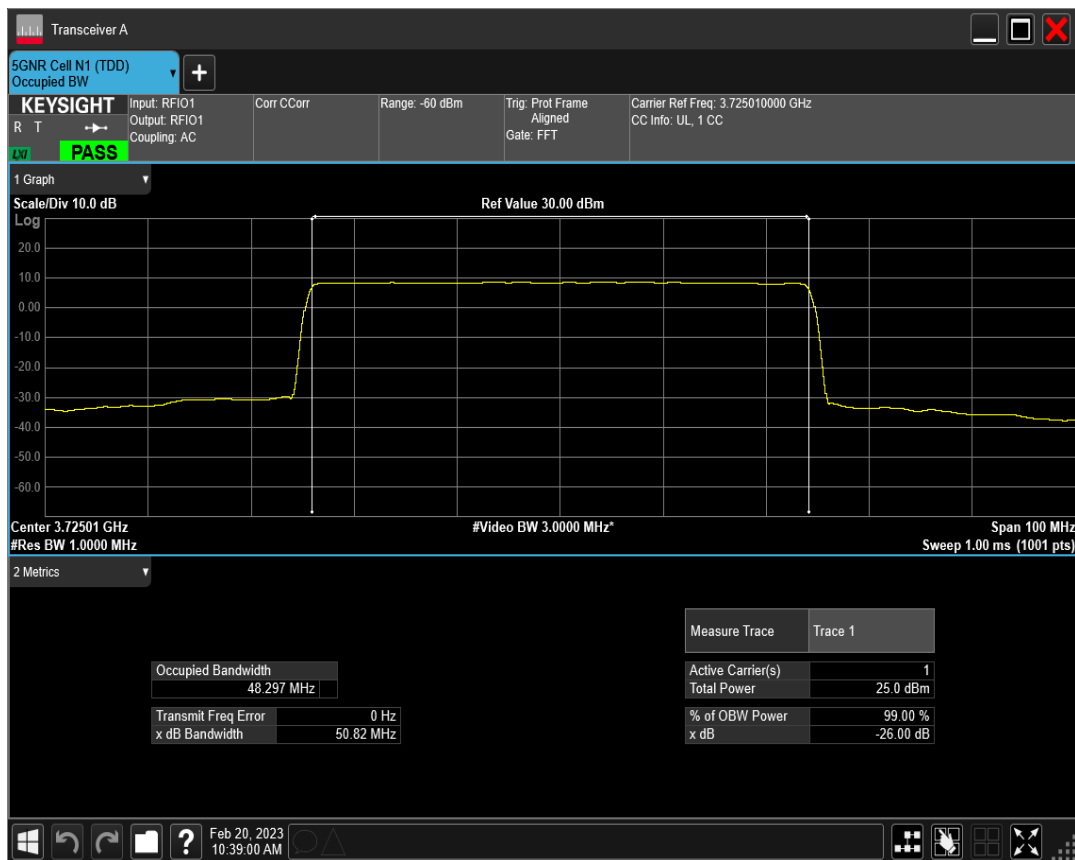
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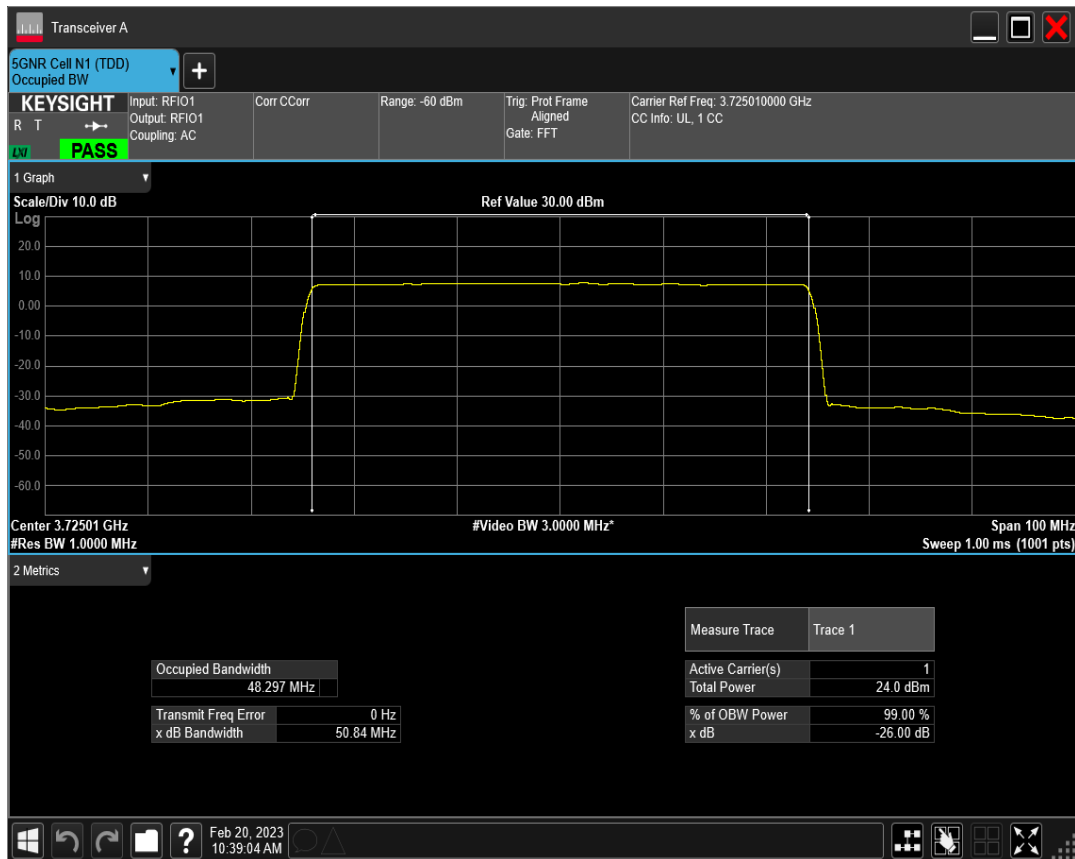
n77(3700-3980) SCS=15kHz DFT\_BPSK BW=50MHz Channel=648334 RB=270@0



n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=648334 RB=270@0



n77(3700-3980) SCS=15kHz DFT\_QAM16 BW=50MHz Channel=648334 RB=270@0



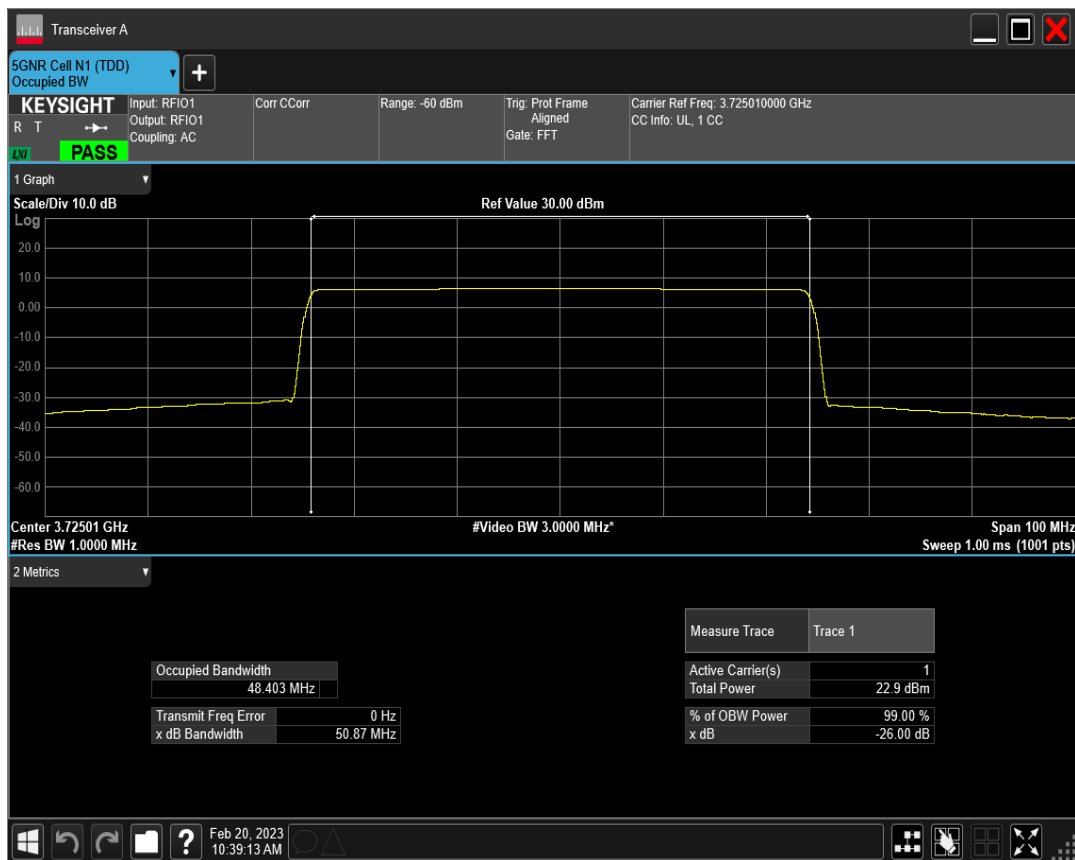
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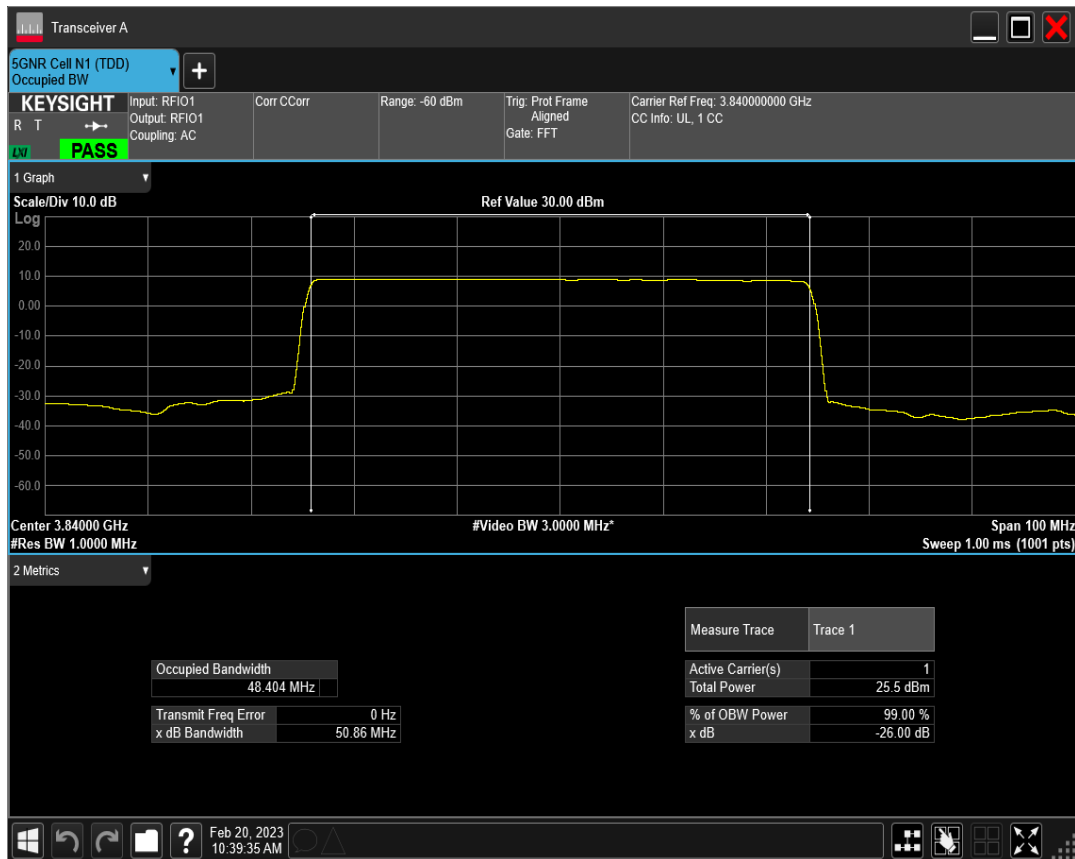
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n77(3700-3980) SCS=15kHz CP\_QPSK BW=50MHz Channel=648334 RB=270@0



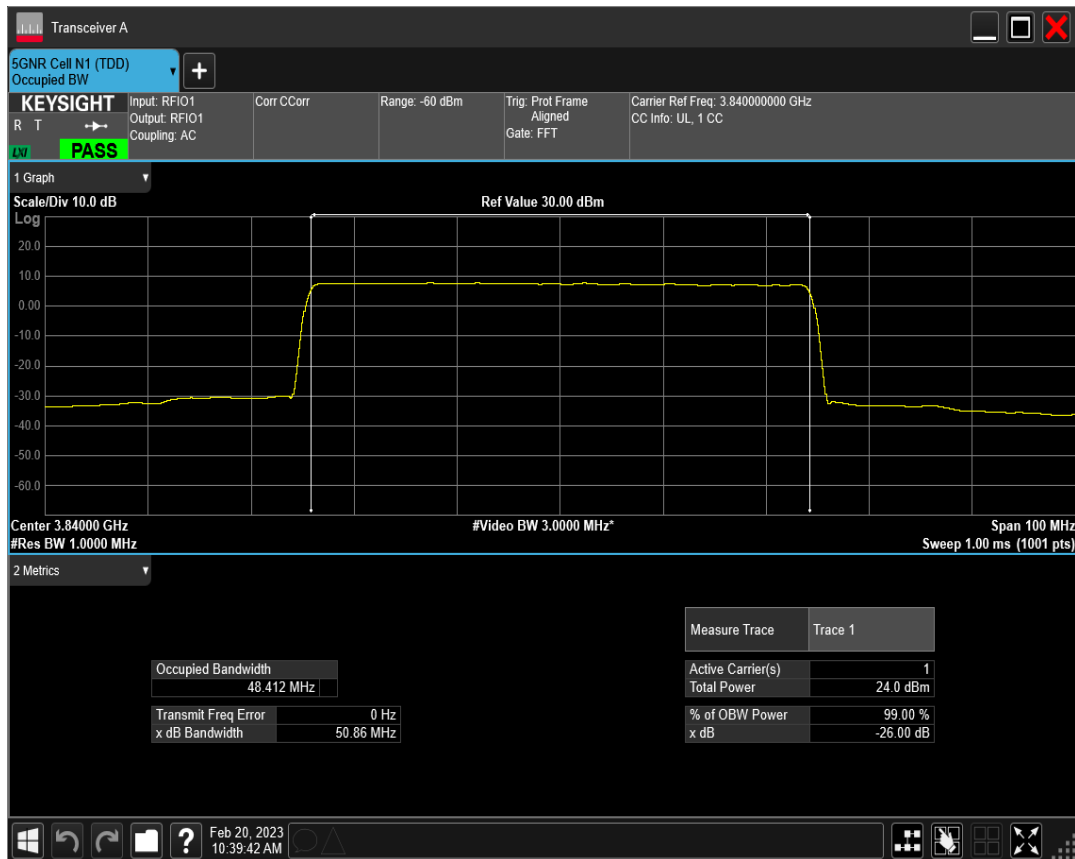
n77(3700-3980) SCS=15kHz DFT\_BPSK BW=50MHz Channel=656000 RB=270@0



n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=656000 RB=270@0



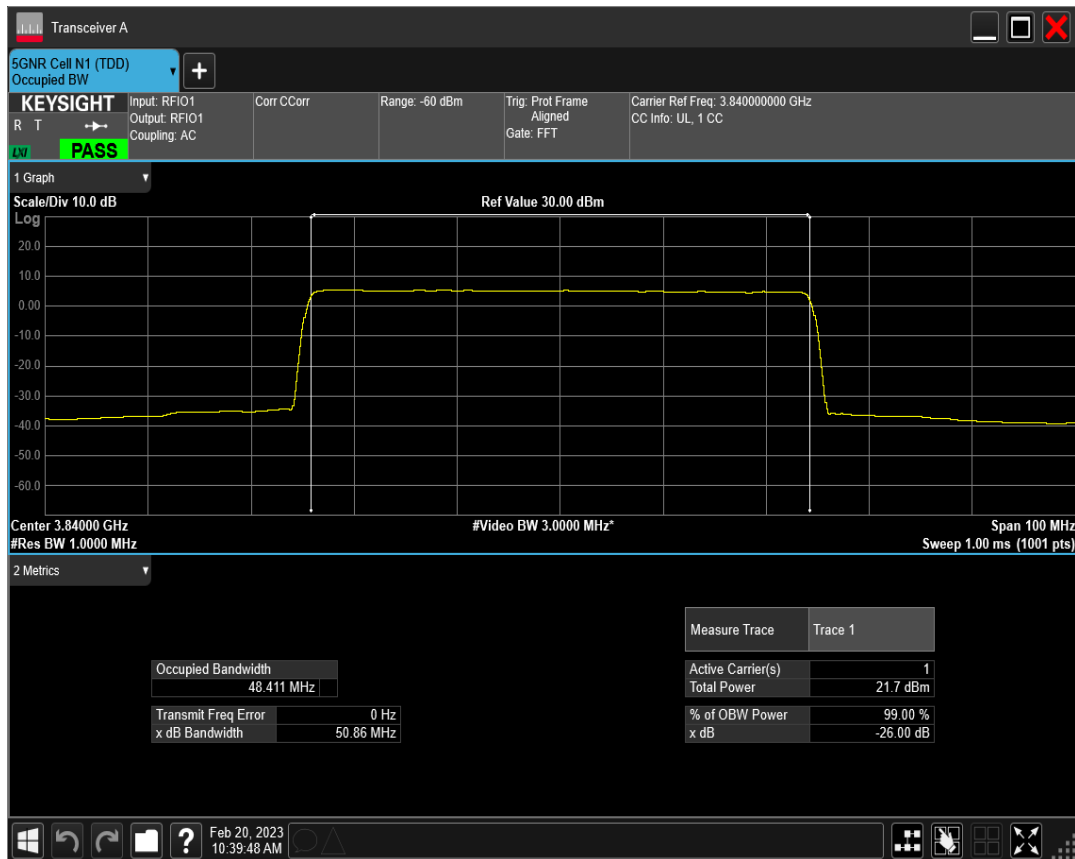
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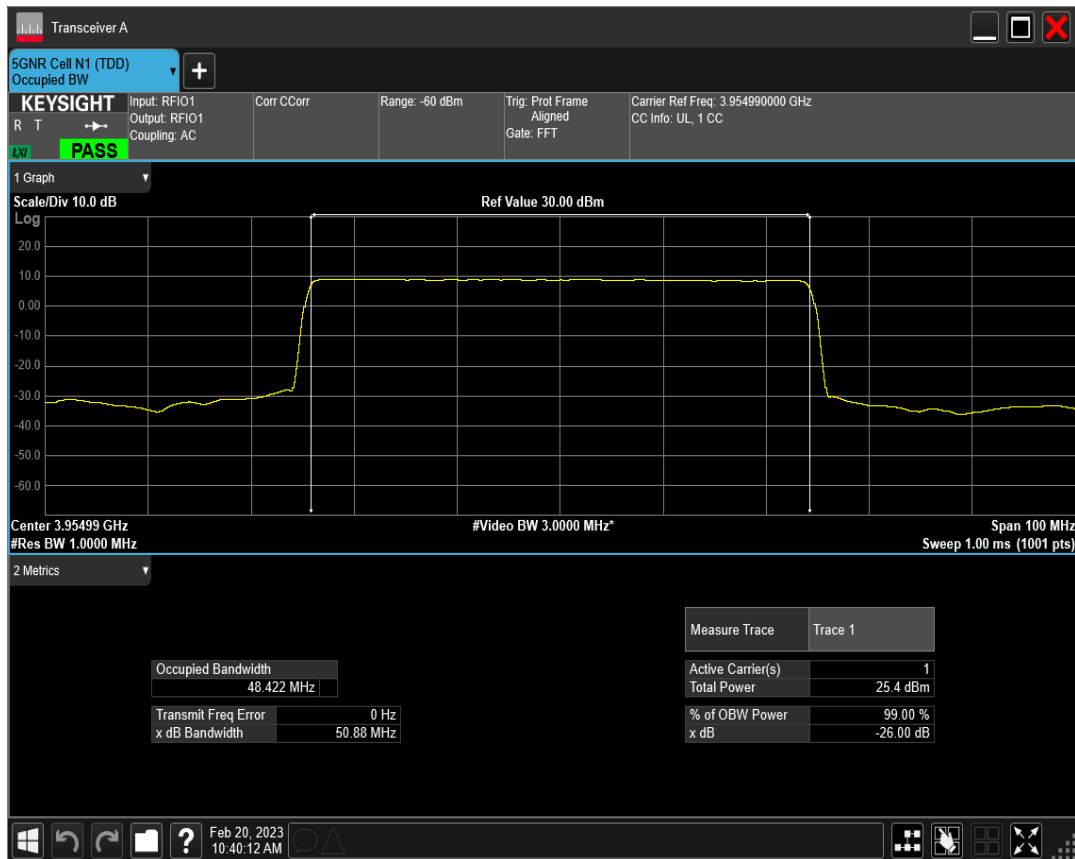
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n77(3700-3980) SCS=15kHz CP\_QPSK BW=50MHz Channel=656000 RB=270@0



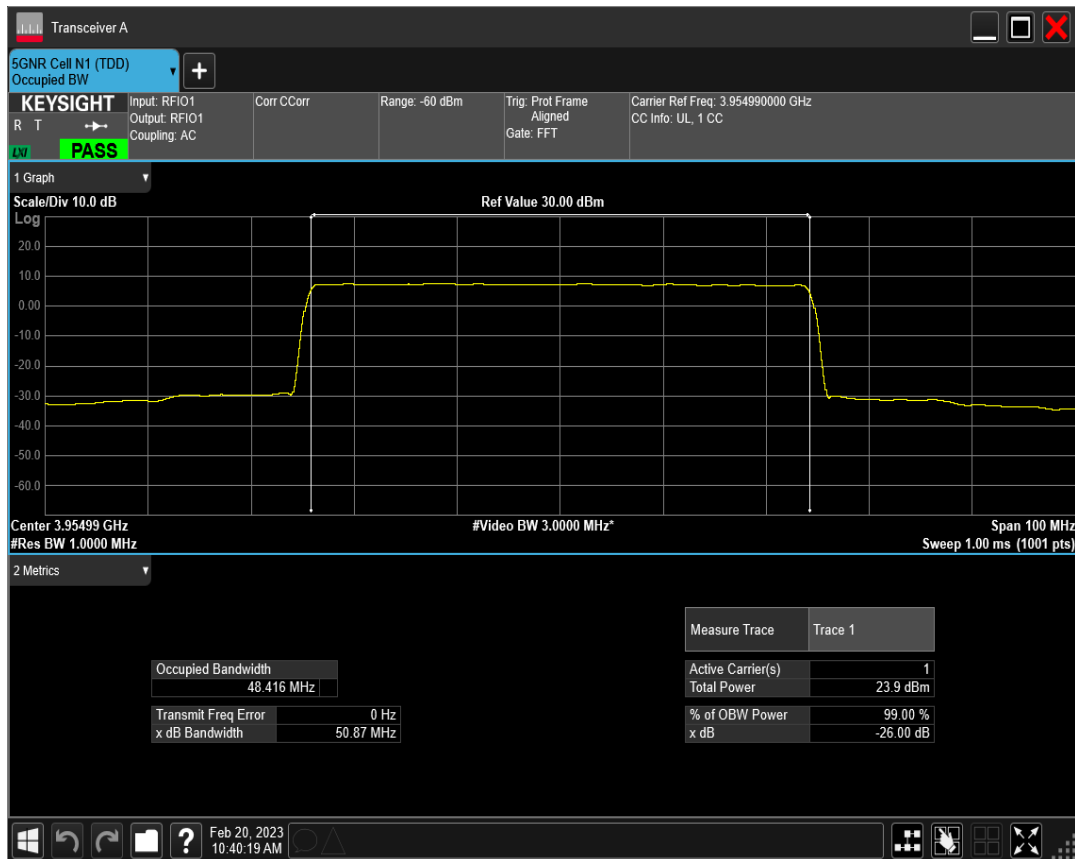
n77(3700-3980) SCS=15kHz DFT\_BPSK BW=50MHz Channel=663666 RB=270@0



n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=663666 RB=270@0



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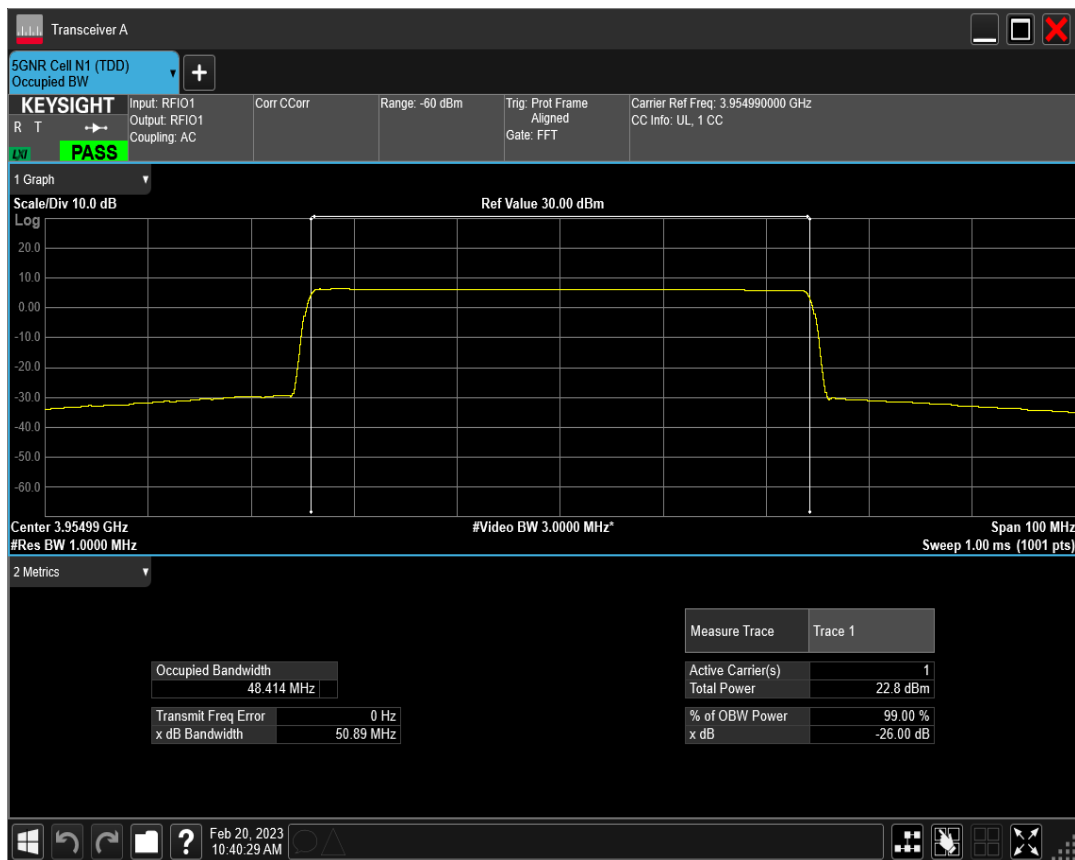
n77(3700-3980) SCS=15kHz DFT\_QAM64 BW=50MHz Channel=663666 RB=270@0



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n77(3700-3980) SCS=15kHz CP\_QPSK BW=50MHz Channel=663666 RB=270@0



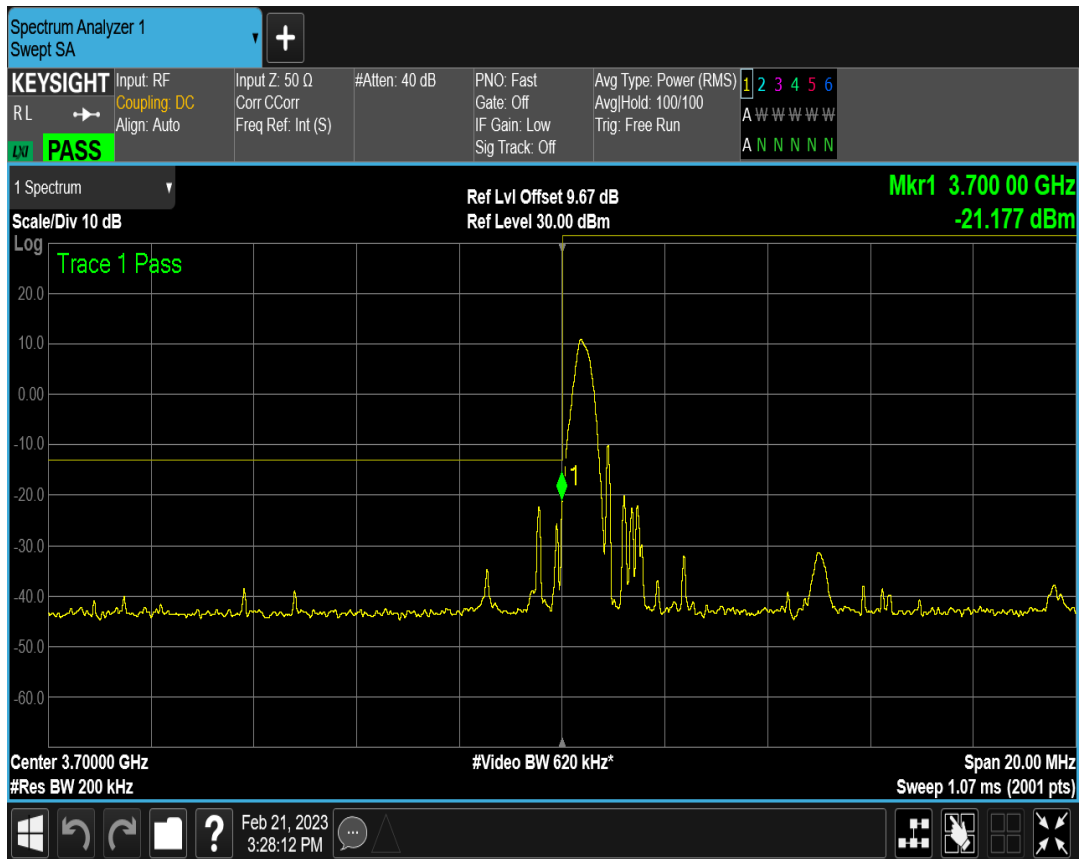
## 5 Band edge for NR FR1

| 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) | 15           | 10                 | 647000        | 50@0             | DFT_QPSK   | 3699.16            | -34.37              | -13            | PASS    |
| n77(3700-3980) | 15           | 10                 | 647000        | 1@0              | DFT_QPSK   | 3700.00            | -21.17              | -13            | PASS    |
| n77(3700-3980) | 15           | 10                 | 665000        | 50@0             | DFT_QPSK   | 3980.62            | -36.22              | -13            | PASS    |
| n77(3700-3980) | 15           | 10                 | 665000        | 1@51             | DFT_QPSK   | 3980.02            | -17.02              | -13            | PASS    |
| n77(3700-3980) | 15           | 50                 | 648334        | 270@0            | DFT_QPSK   | 3688.60            | -35.33              | -13            | PASS    |
| n77(3700-3980) | 15           | 50                 | 648334        | 1@0              | DFT_QPSK   | 3699.90            | -32.23              | -13            | PASS    |
| n77(3700-3980) | 15           | 50                 | 663666        | 270@0            | DFT_QPSK   | 3980.00            | -36.03              | -13            | PASS    |
| n77(3700-3980) | 15           | 50                 | 663666        | 1@269            | DFT_QPSK   | 3980.15            | -28.86              | -13            | PASS    |

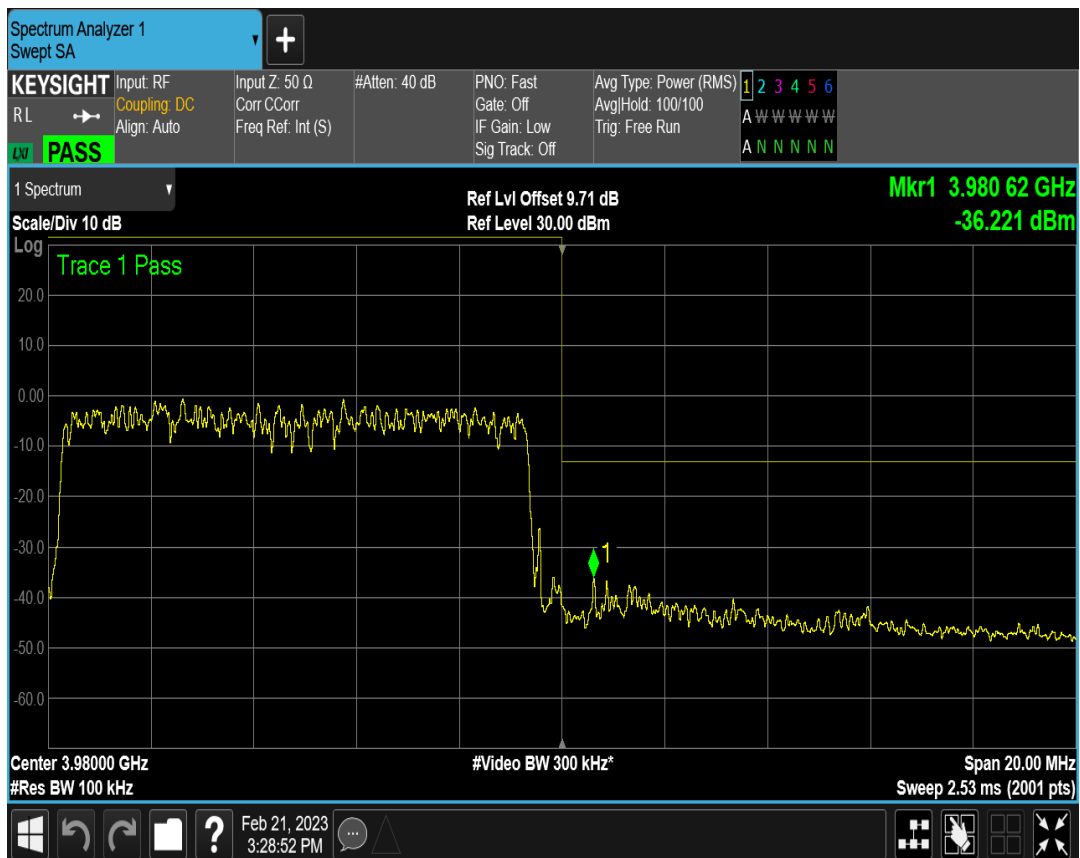
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=647000 RB=50@0



n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=647000 RB=1@0



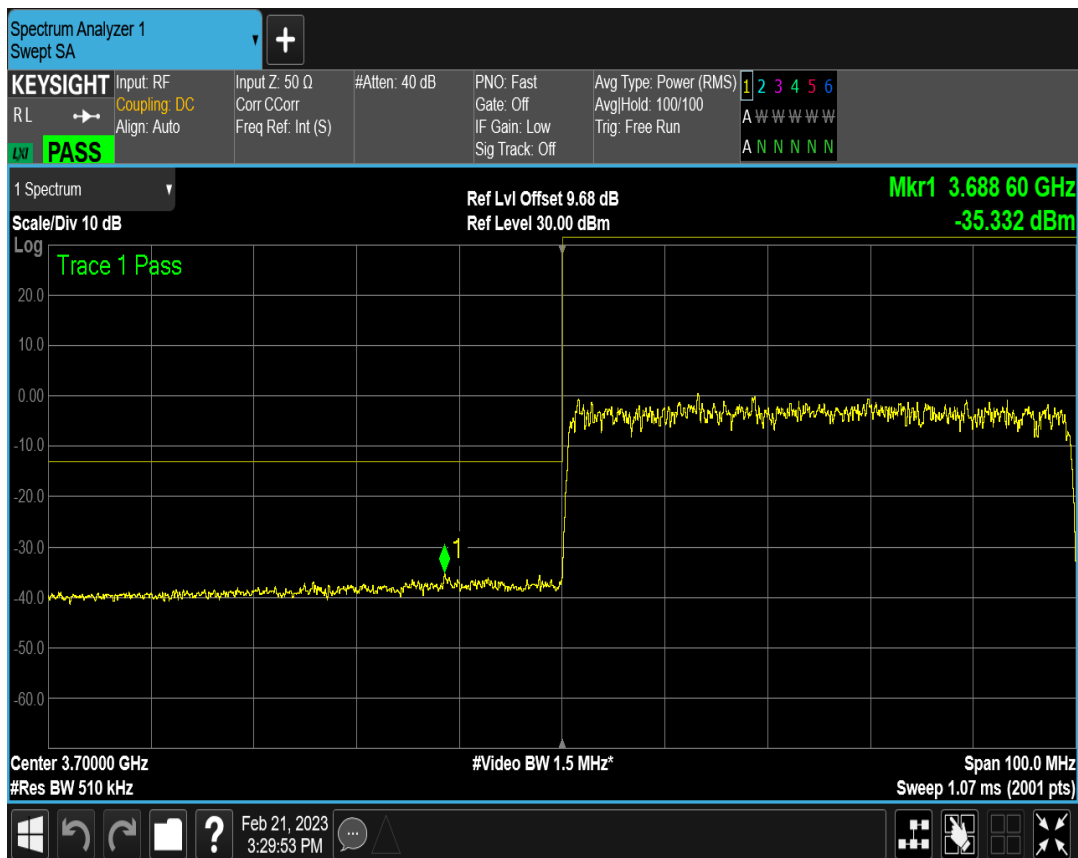
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=665000 RB=50@0



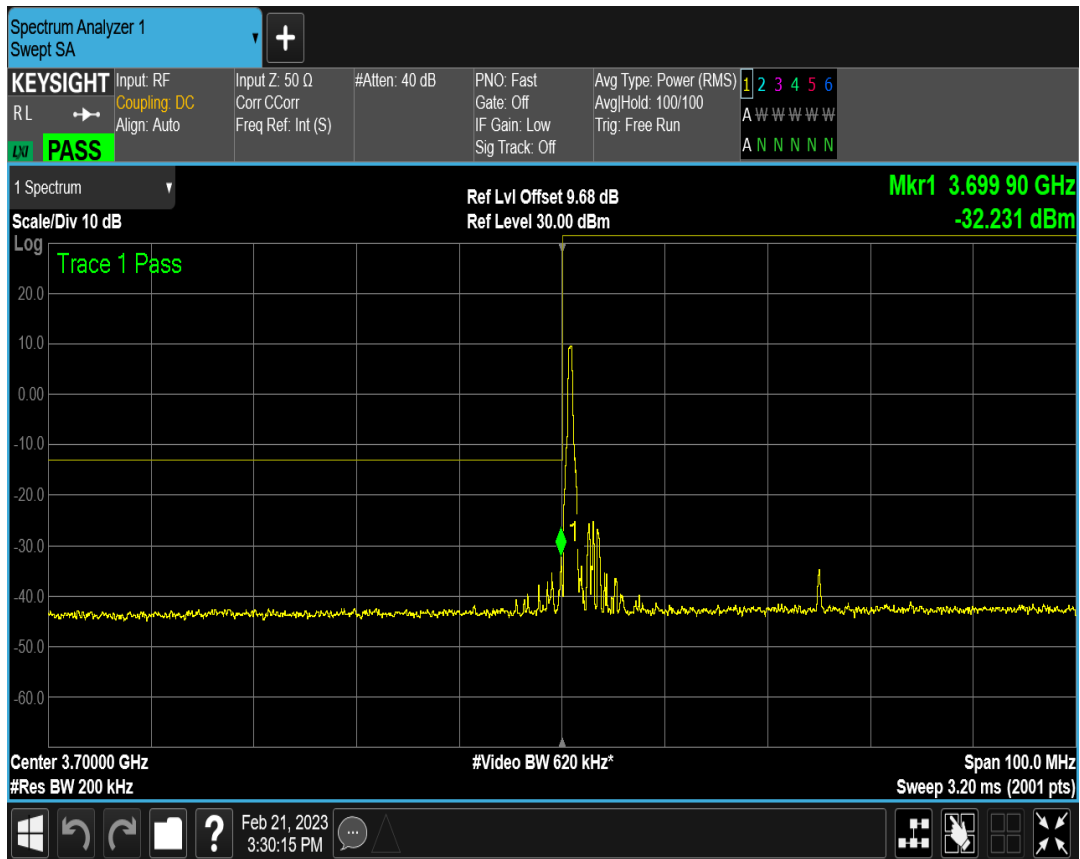
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=665000 RB=1@51



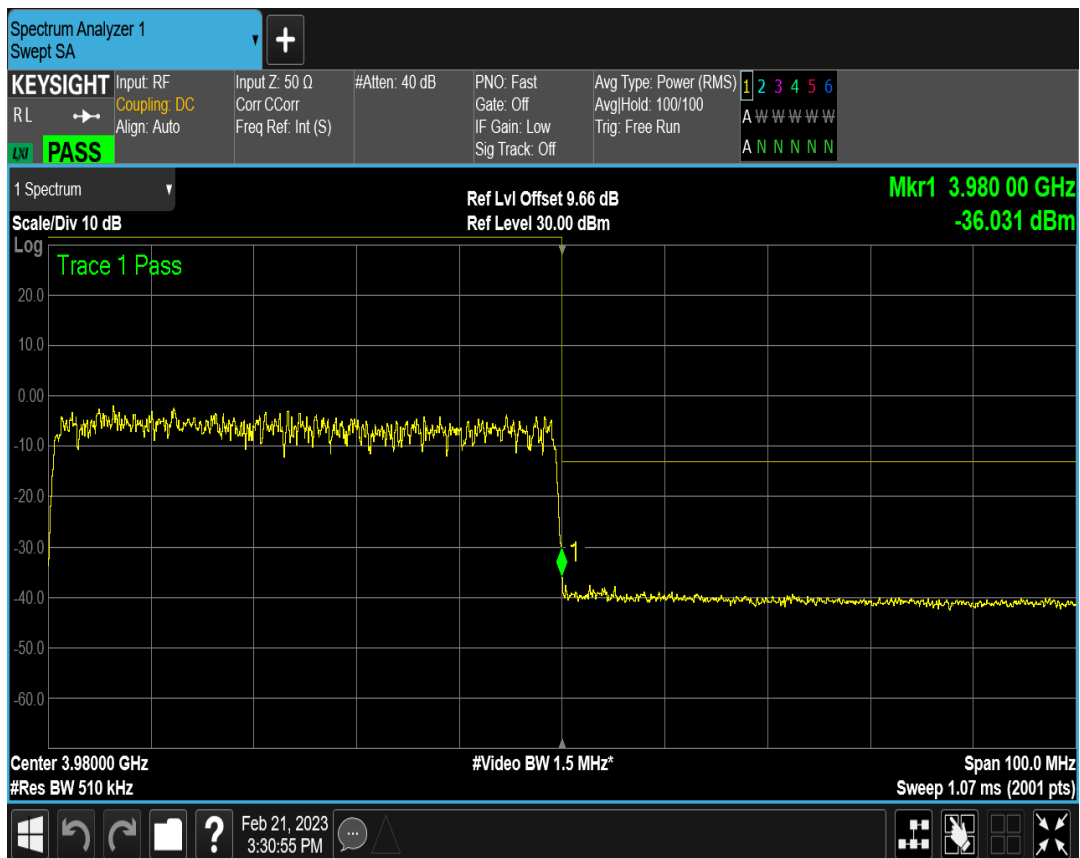
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=648334 RB=270@0



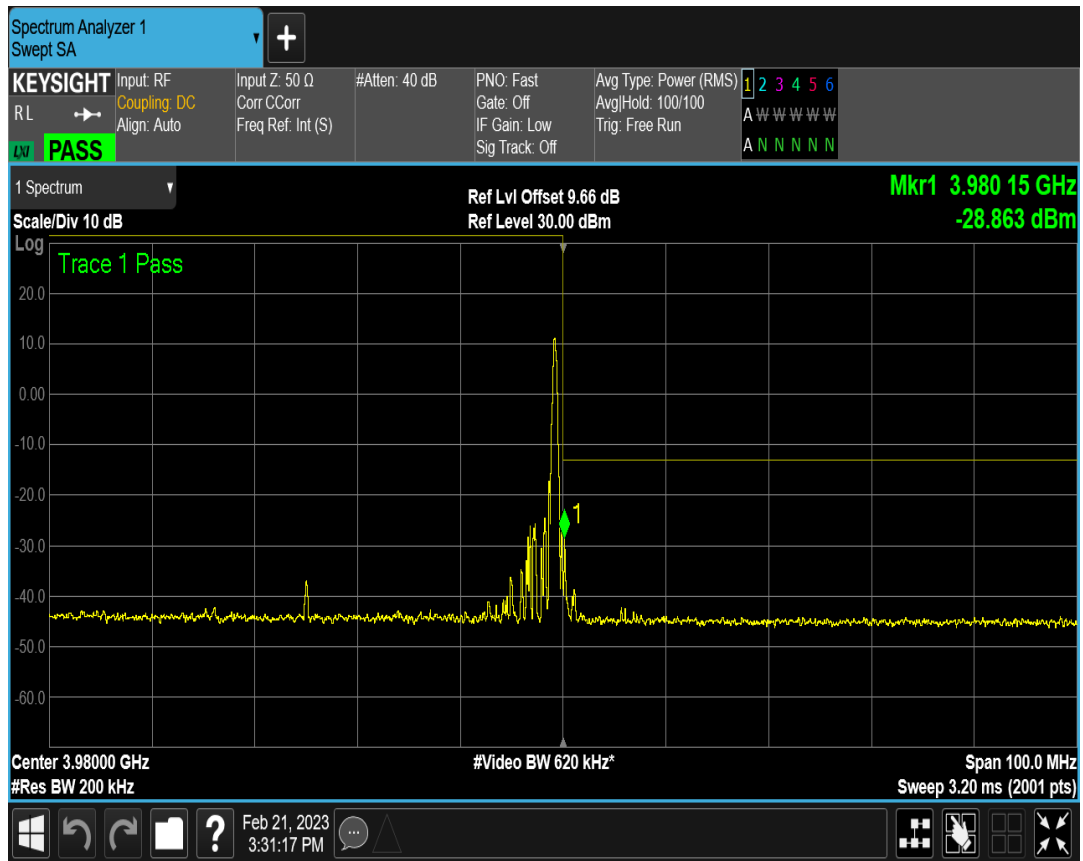
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=648334 RB=1@0



n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=663666 RB=270@0



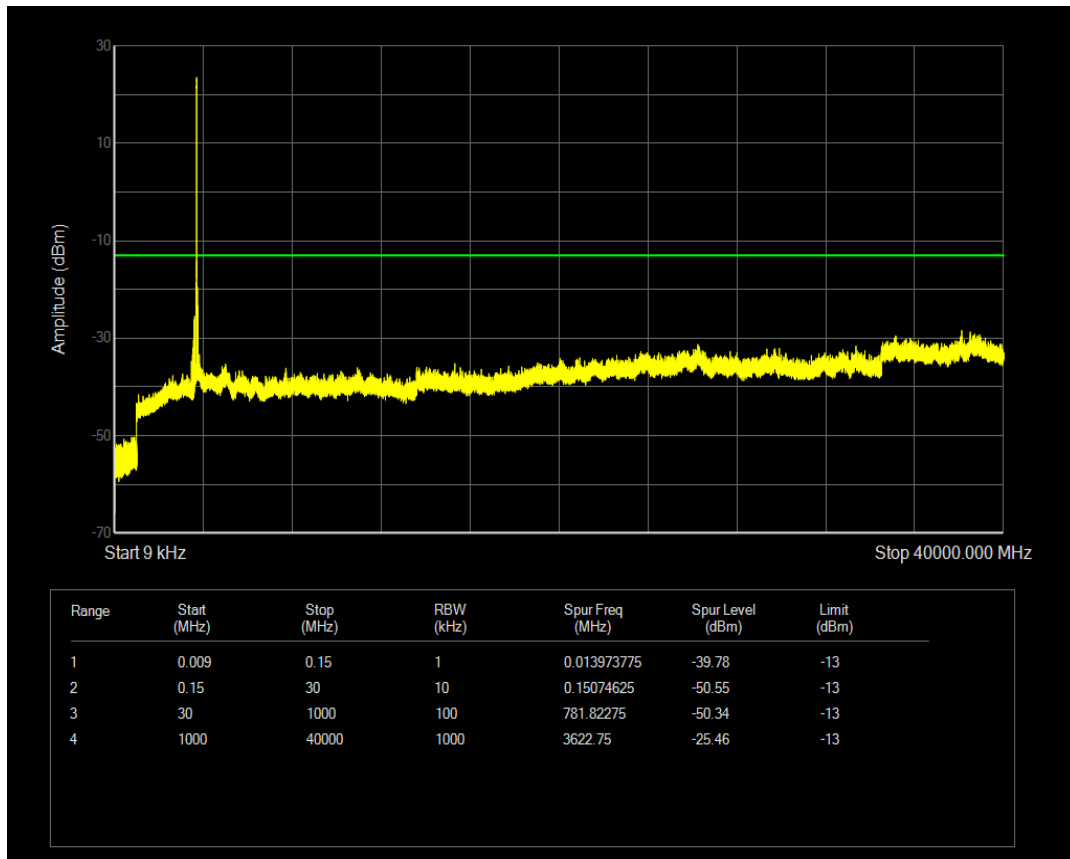
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=663666 RB=1@269



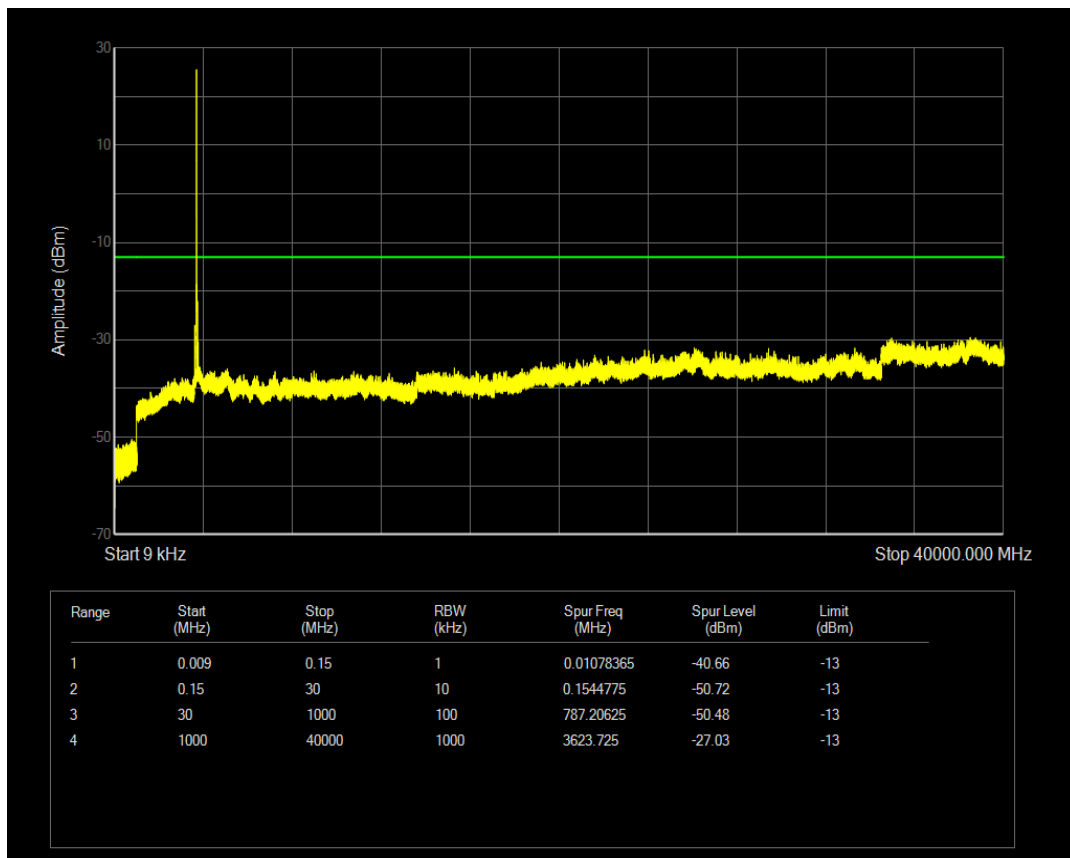
## 6 Out-of-band emissions for NR FR1

| 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) | 15           | 10                 | 647000        | 50@0             | DFT_QPSK   | 3622.75            | -25.46              | -13            | PASS    |
| n77(3700-3980) | 15           | 10                 | 647000        | 1@0              | DFT_QPSK   | 3623.73            | -27.03              | -13            | PASS    |
| n77(3700-3980) | 15           | 10                 | 647000        | 1@51             | DFT_QPSK   | 38633.05           | -29.13              | -13            | PASS    |
| n77(3700-3980) | 15           | 10                 | 656000        | 50@0             | DFT_QPSK   | 38505.33           | -28.65              | -13            | PASS    |
| n77(3700-3980) | 15           | 10                 | 656000        | 1@0              | DFT_QPSK   | 38546.28           | -29.81              | -13            | PASS    |
| n77(3700-3980) | 15           | 10                 | 656000        | 1@51             | DFT_QPSK   | 38812.45           | -29.21              | -13            | PASS    |
| n77(3700-3980) | 15           | 10                 | 665000        | 50@0             | DFT_QPSK   | 38698.38           | -28.02              | -13            | PASS    |
| n77(3700-3980) | 15           | 10                 | 665000        | 1@0              | DFT_QPSK   | 4025.43            | -26.69              | -13            | PASS    |
| n77(3700-3980) | 15           | 10                 | 665000        | 1@51             | DFT_QPSK   | 4029.33            | -26.81              | -13            | PASS    |
| n77(3700-3980) | 15           | 50                 | 648334        | 270@0            | DFT_QPSK   | 38036.35           | -29.17              | -13            | PASS    |
| n77(3700-3980) | 15           | 50                 | 648334        | 1@0              | DFT_QPSK   | 38099.73           | -27.00              | -13            | PASS    |
| n77(3700-3980) | 15           | 50                 | 648334        | 1@269            | DFT_QPSK   | 38551.15           | -29.01              | -13            | PASS    |
| n77(3700-3980) | 15           | 50                 | 656000        | 270@0            | DFT_QPSK   | 38528.73           | -28.89              | -13            | PASS    |
| n77(3700-3980) | 15           | 50                 | 656000        | 1@0              | DFT_QPSK   | 38032.45           | -29.09              | -13            | PASS    |
| n77(3700-3980) | 15           | 50                 | 656000        | 1@269            | DFT_QPSK   | 38738.35           | -29.54              | -13            | PASS    |
| n77(3700-3980) | 15           | 50                 | 663666        | 270@0            | DFT_QPSK   | 38763.70           | -28.58              | -13            | PASS    |
| n77(3700-3980) | 15           | 50                 | 663666        | 1@0              | DFT_QPSK   | 38522.88           | -28.98              | -13            | PASS    |
| n77(3700-3980) | 15           | 50                 | 663666        | 1@269            | DFT_QPSK   | 39209.28           | -29.21              | -13            | PASS    |

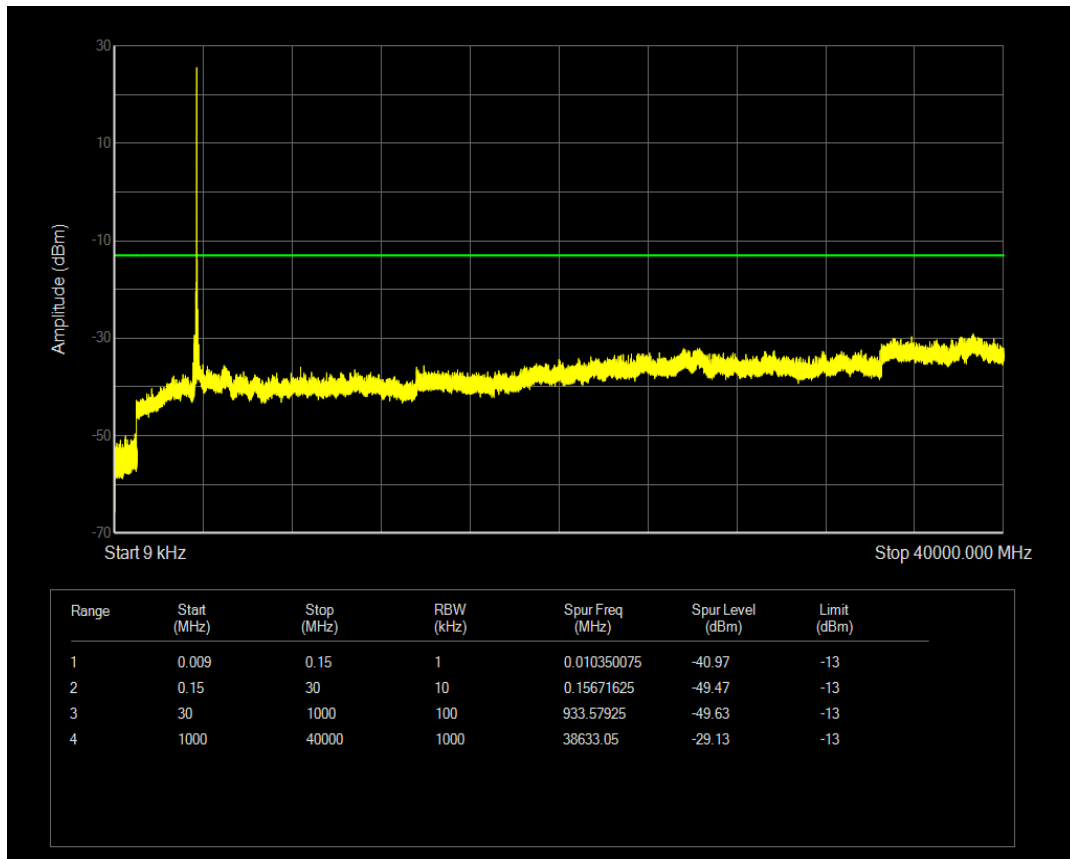
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=647000 RB=50@0



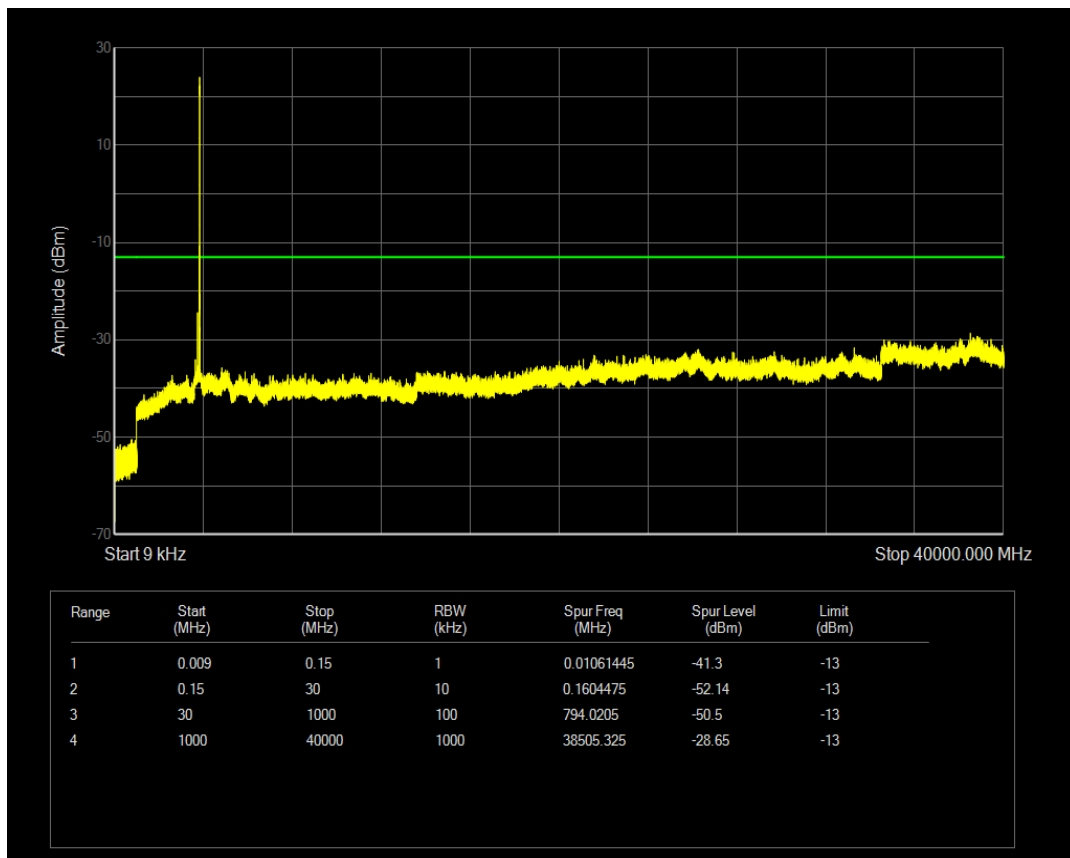
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=647000 RB=1@0



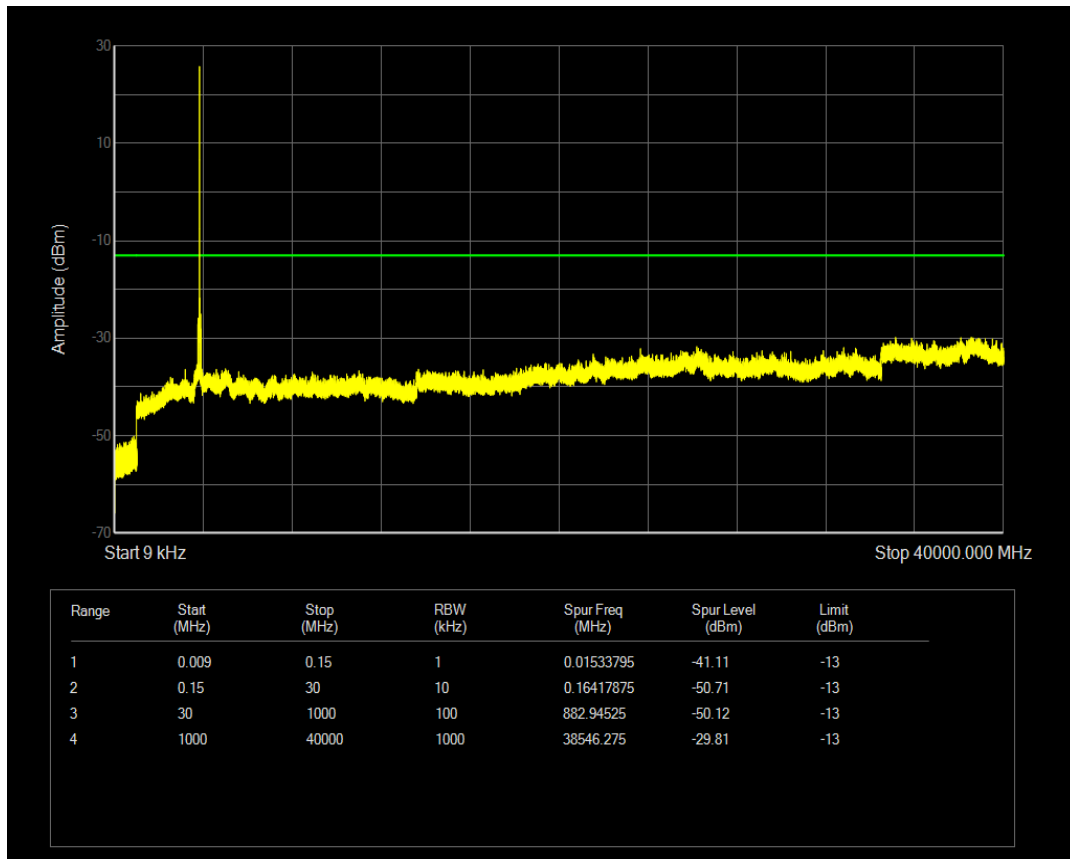
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=647000 RB=1@51



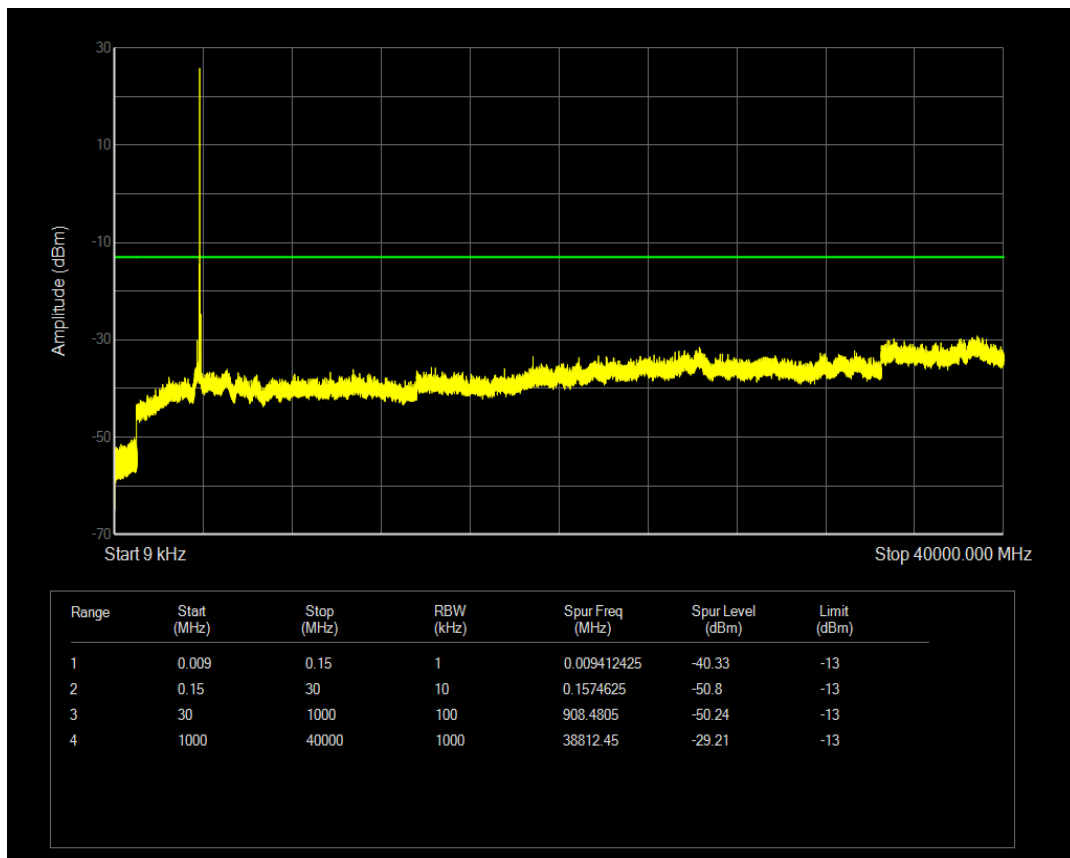
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=656000 RB=50@0



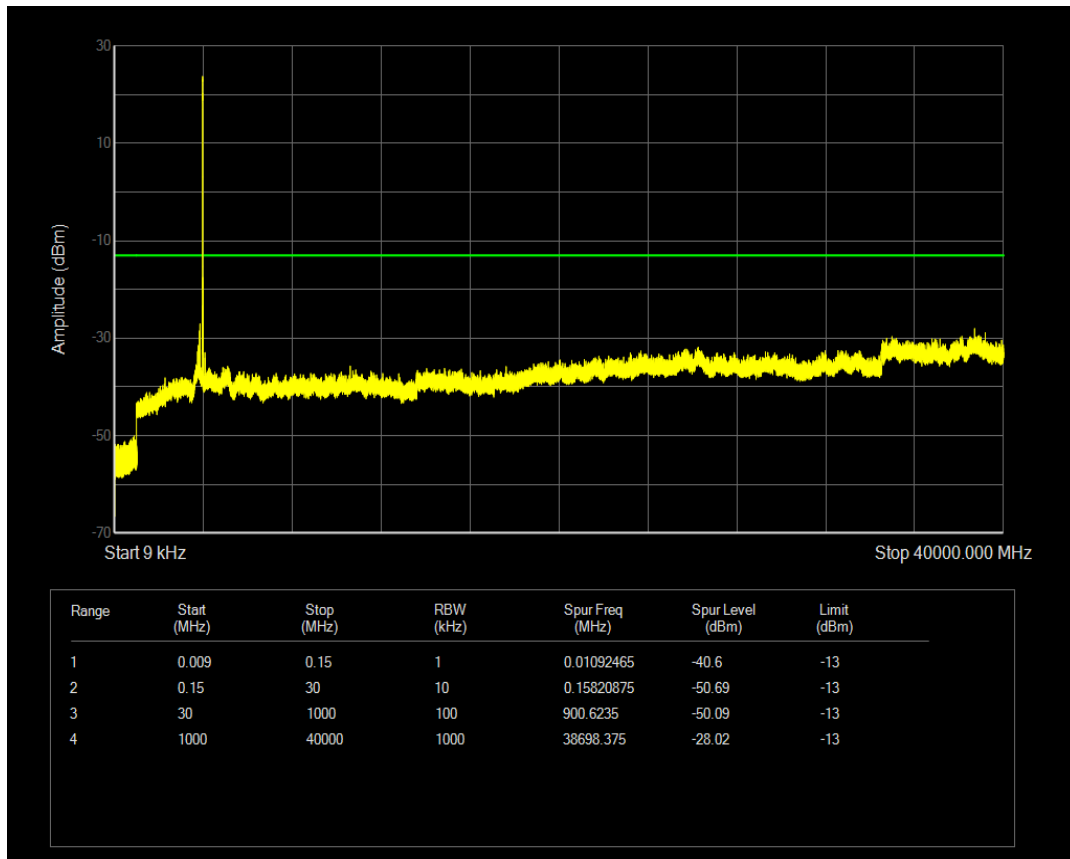
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=656000 RB=1@0



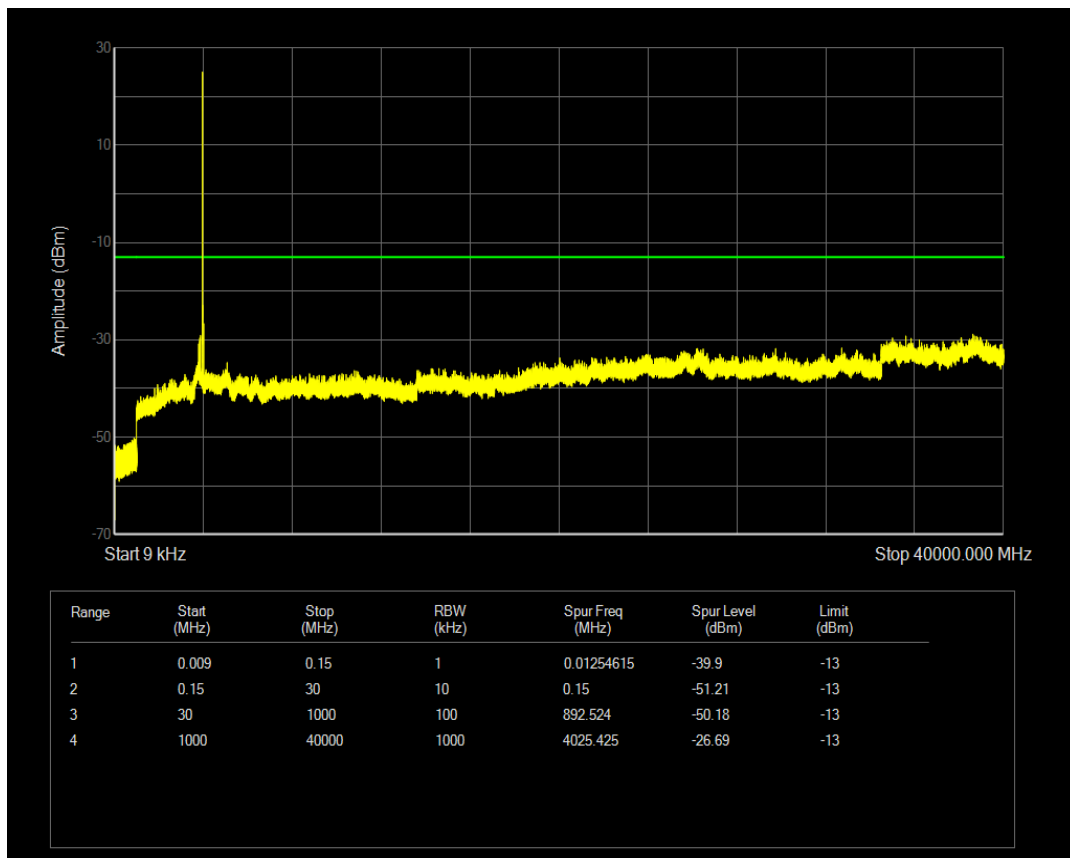
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=656000 RB=1@51



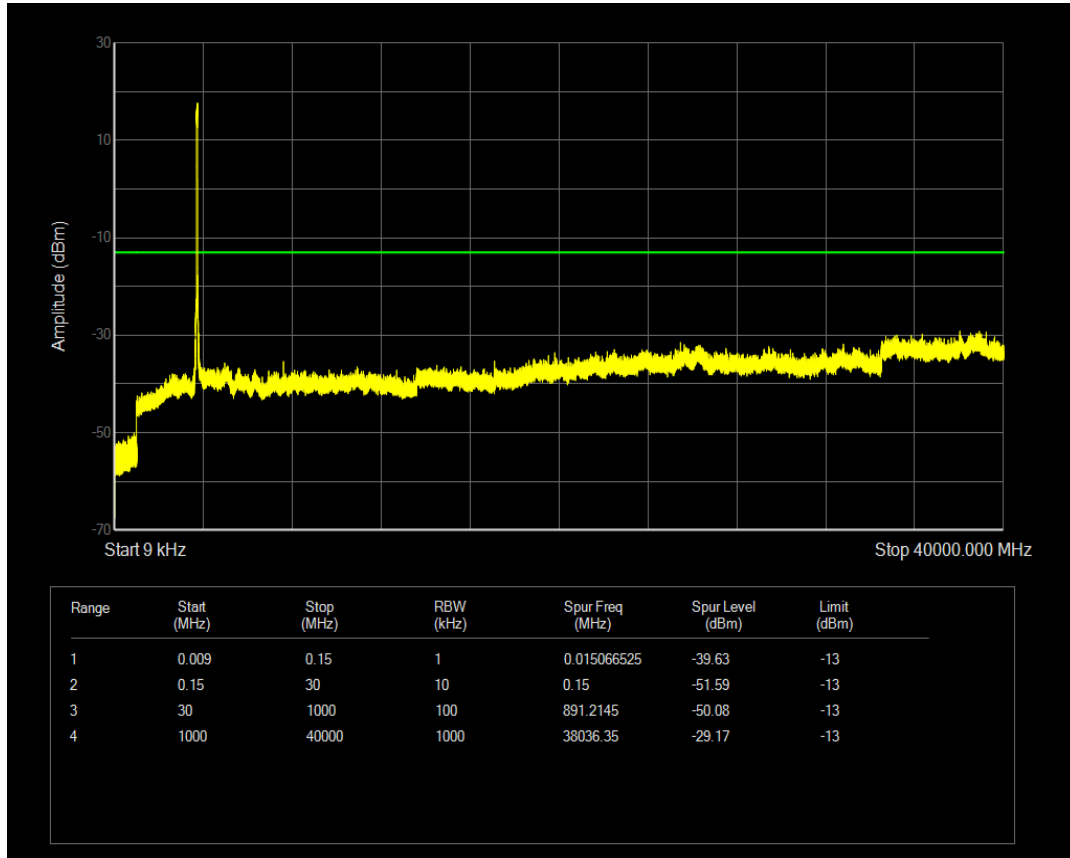
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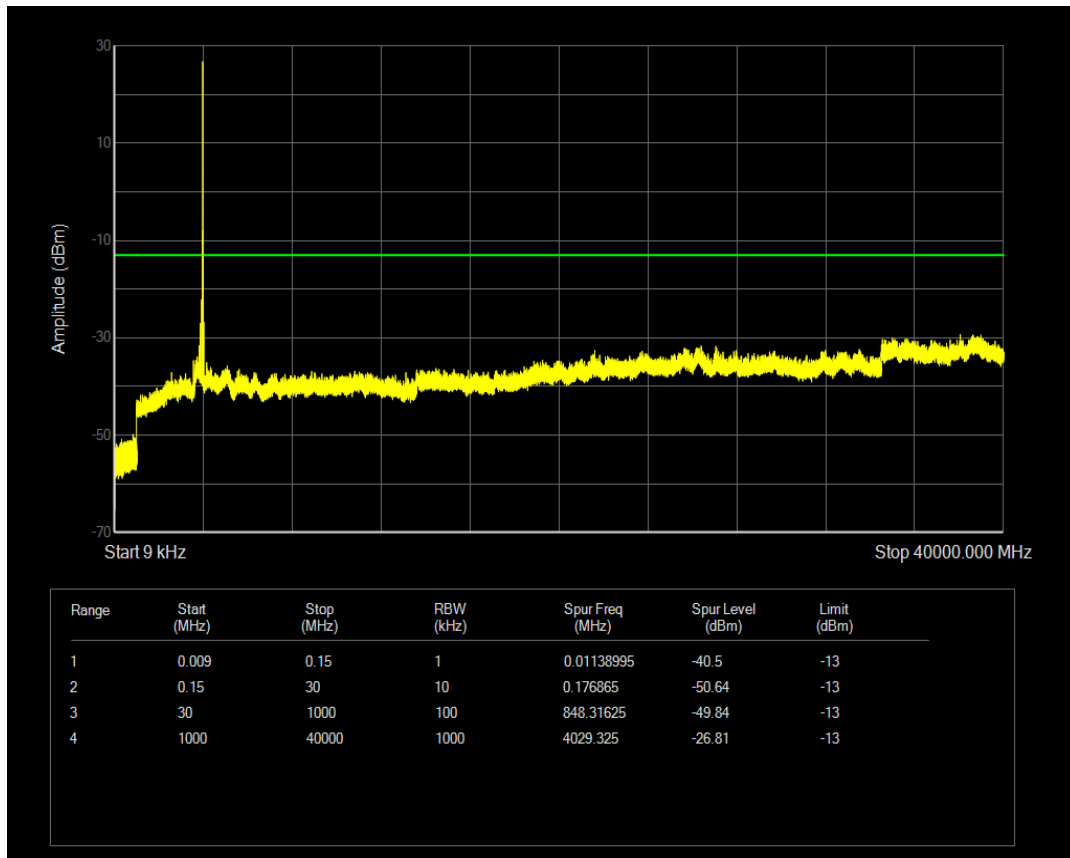
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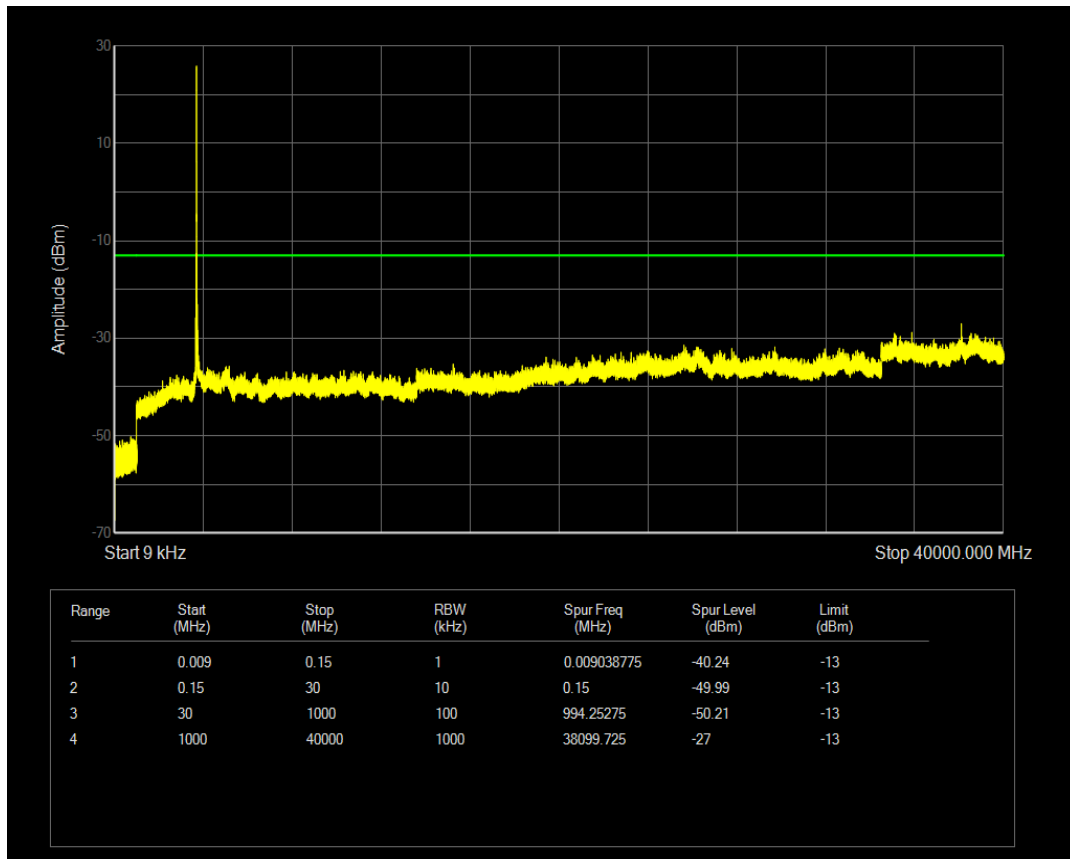
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=648334 RB=270@0



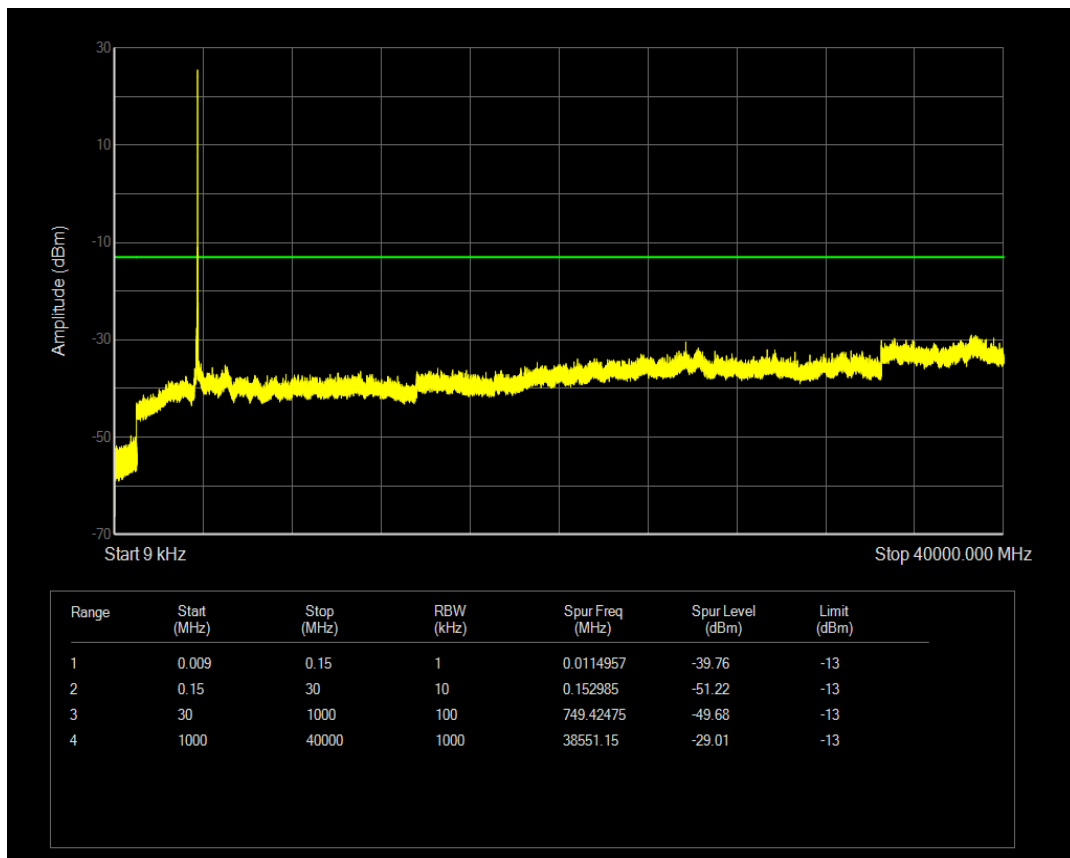
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=665000 RB=1@51



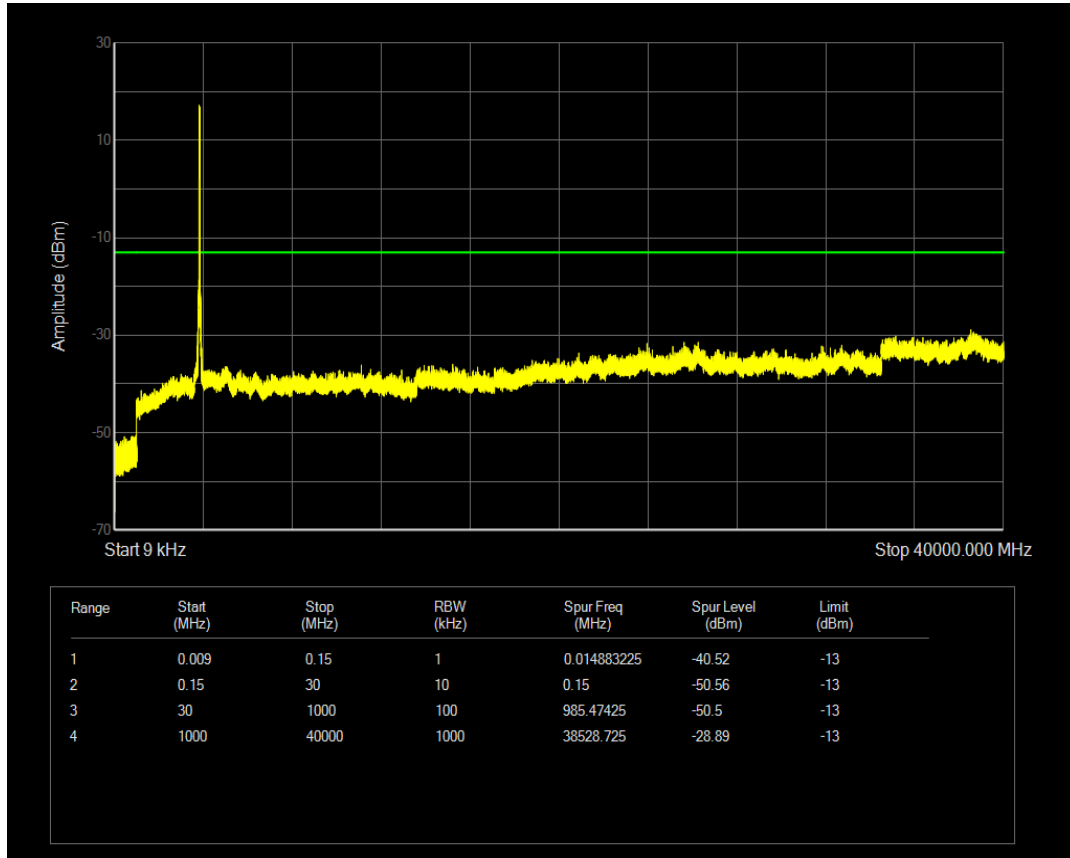
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=648334 RB=1@0



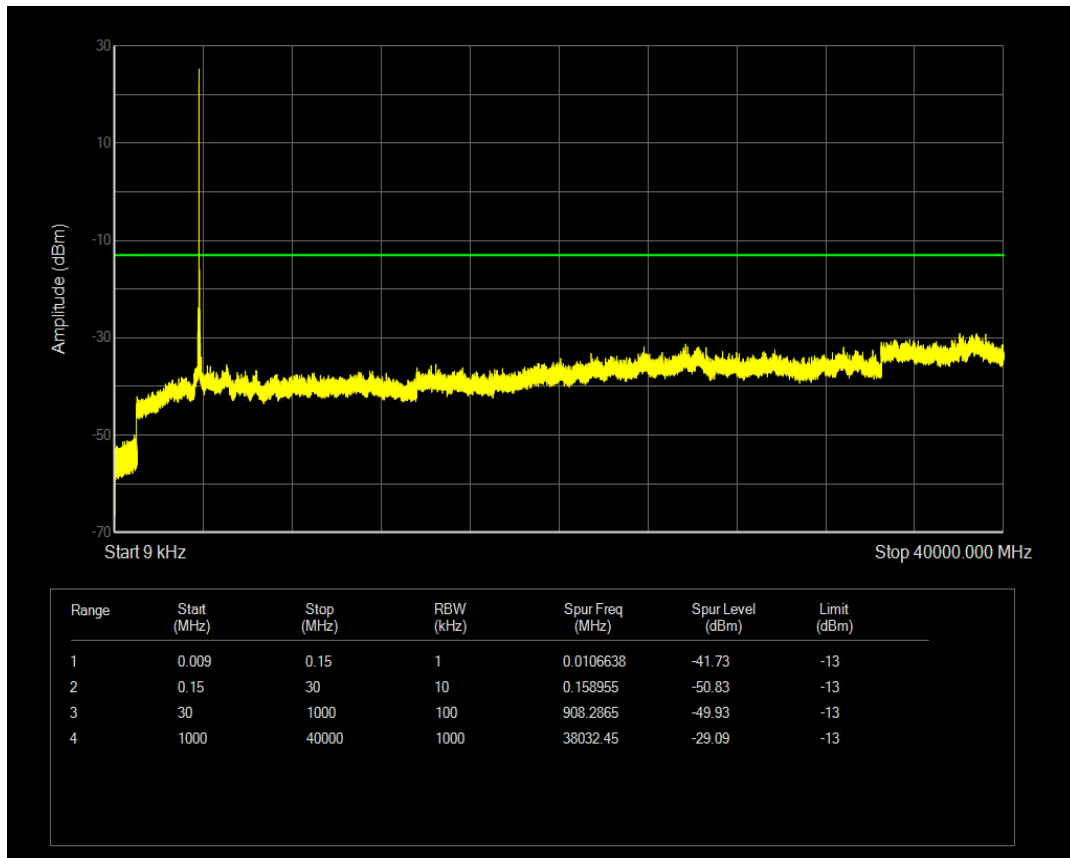
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=648334 RB=1@269



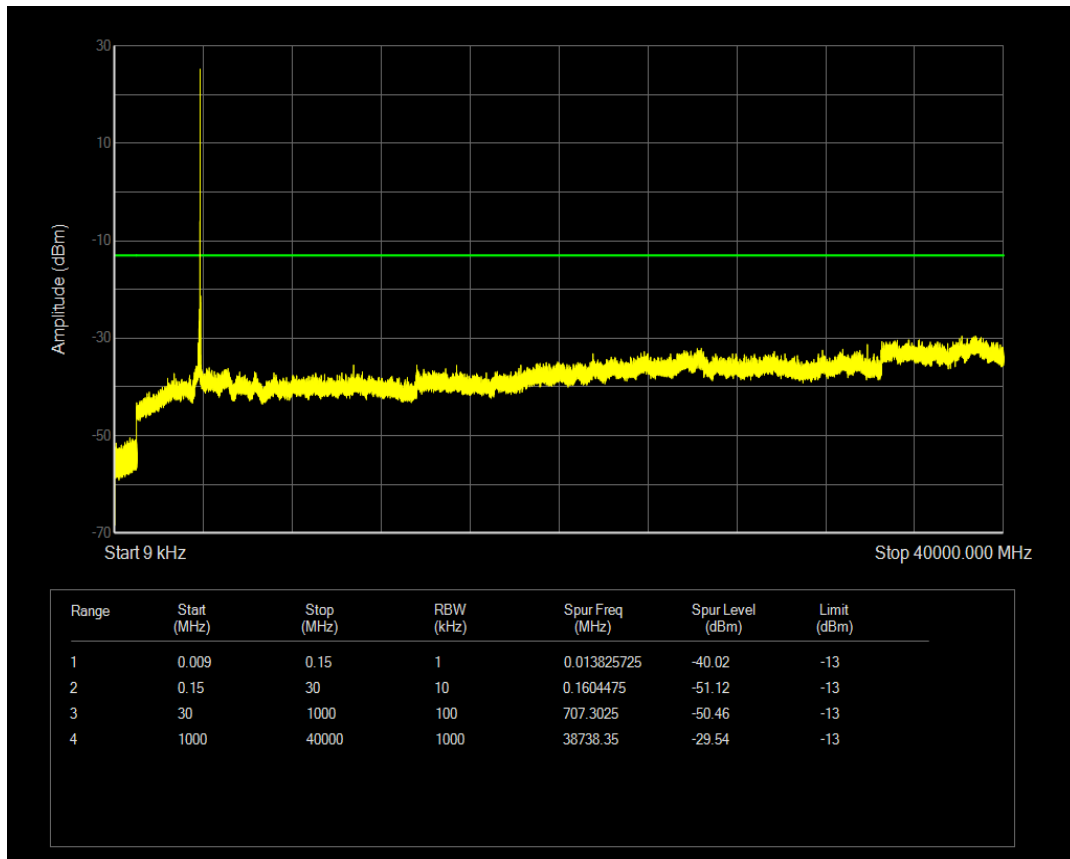
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=656000 RB=270@0



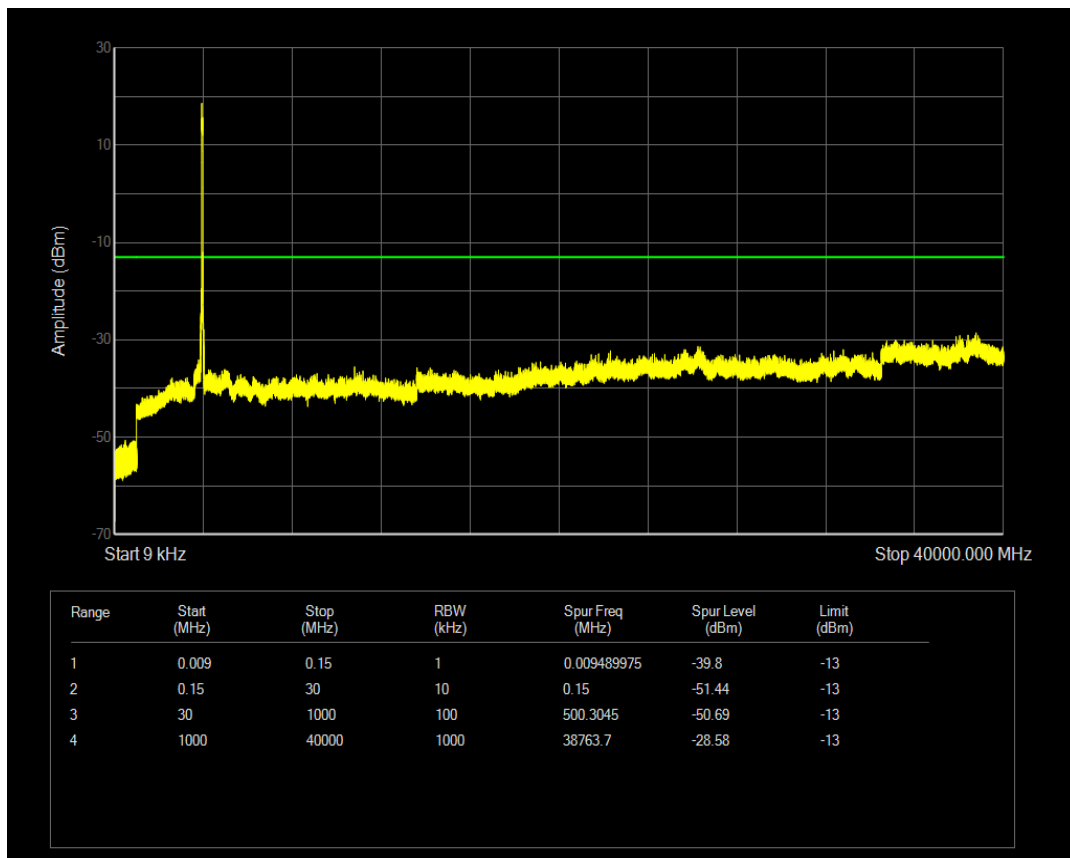
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=656000 RB=1@0



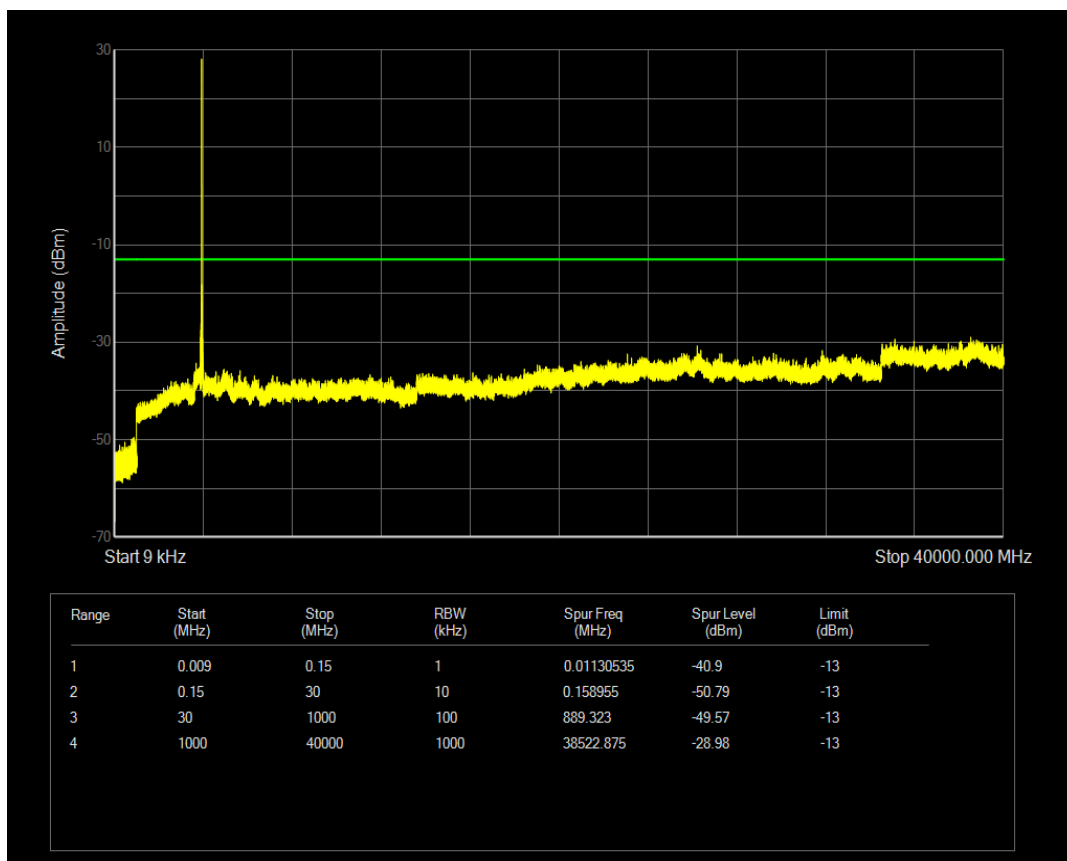
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=656000 RB=1@269



n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=663666 RB=270@0



n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=663666 RB=1@0



n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=663666 RB=1@269

