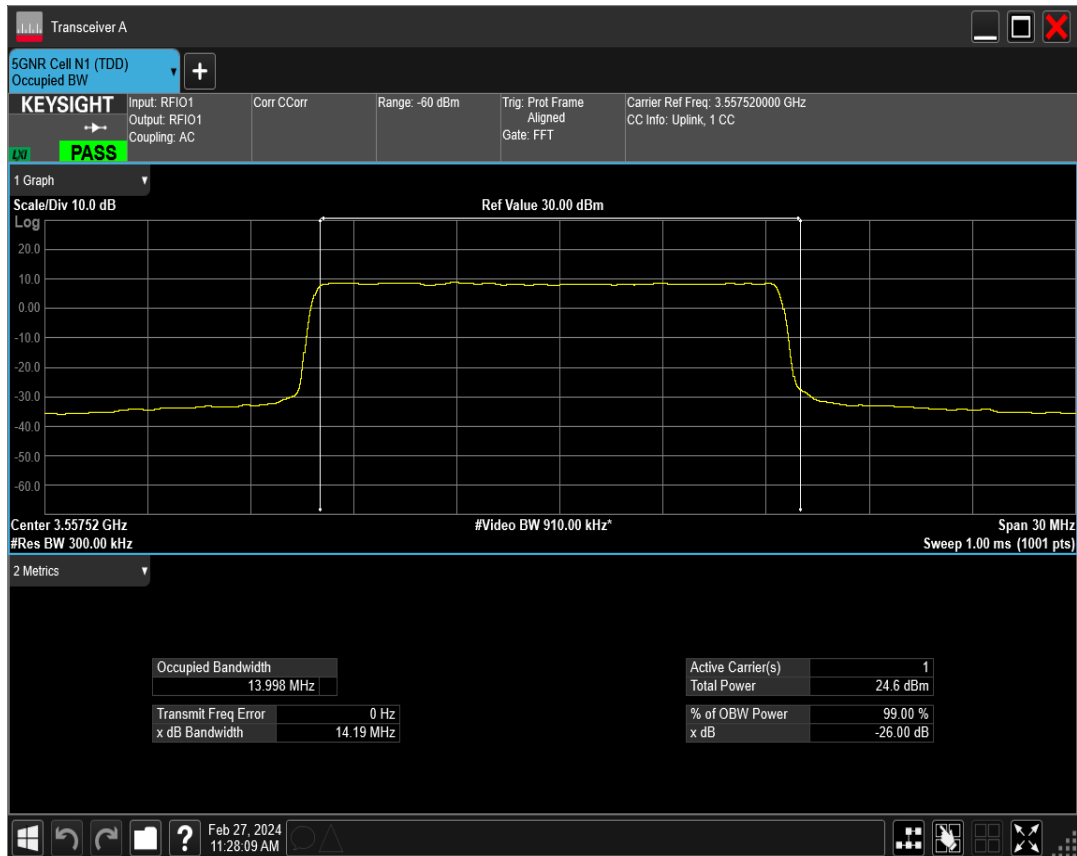
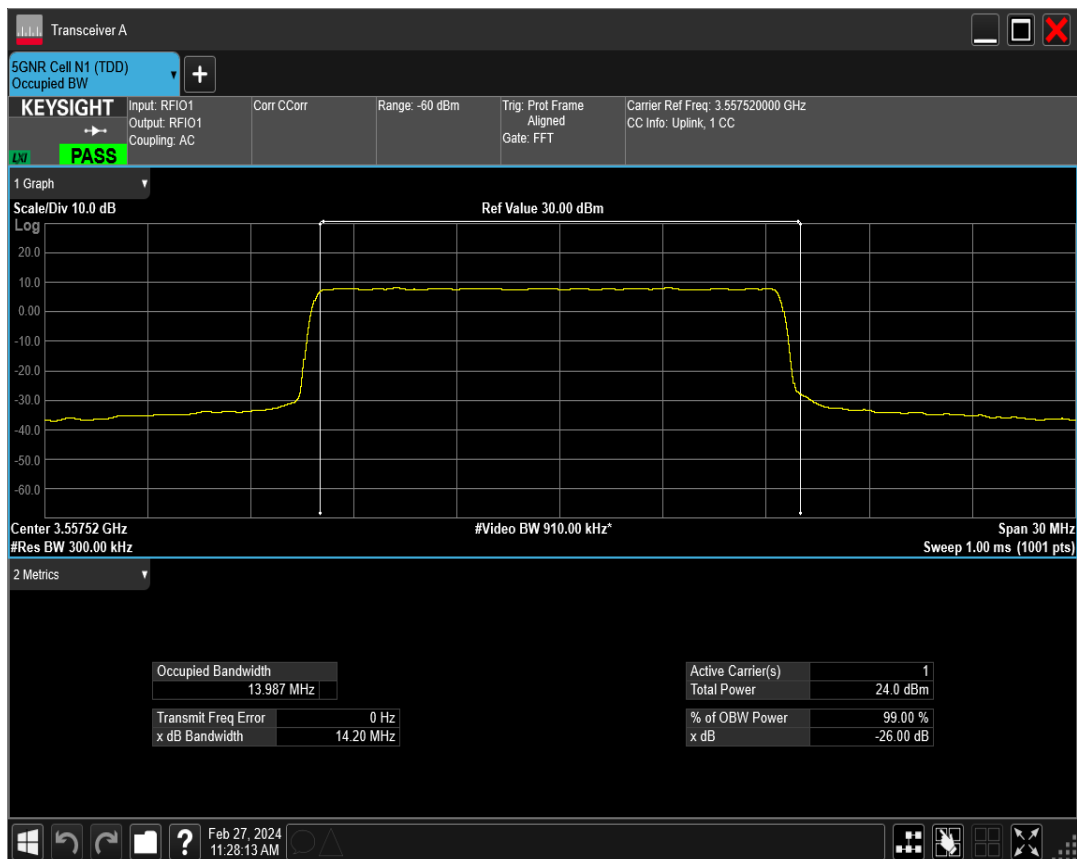


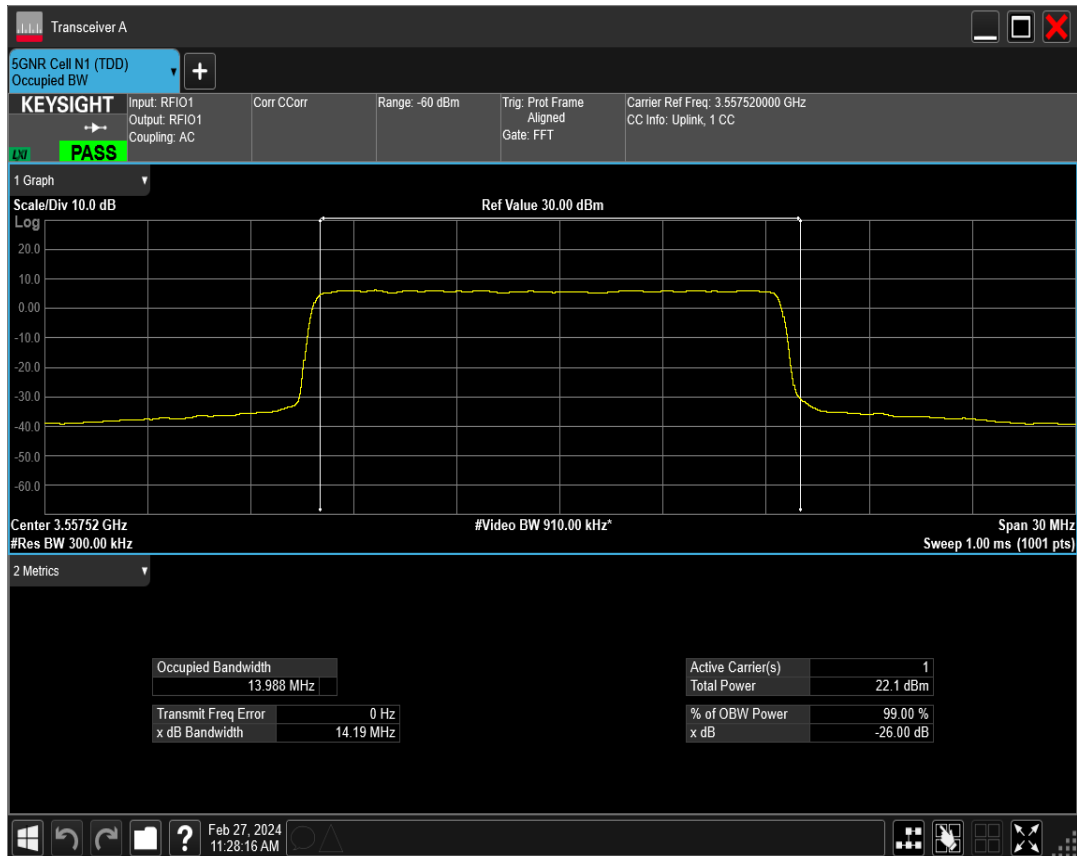
n77(3550-3700) SCS=15kHz DFT\_QAM16 BW=15MHz Channel=637168 RB=75@0



n77(3550-3700) SCS=15kHz DFT\_QAM64 BW=15MHz Channel=637168 RB=75@0



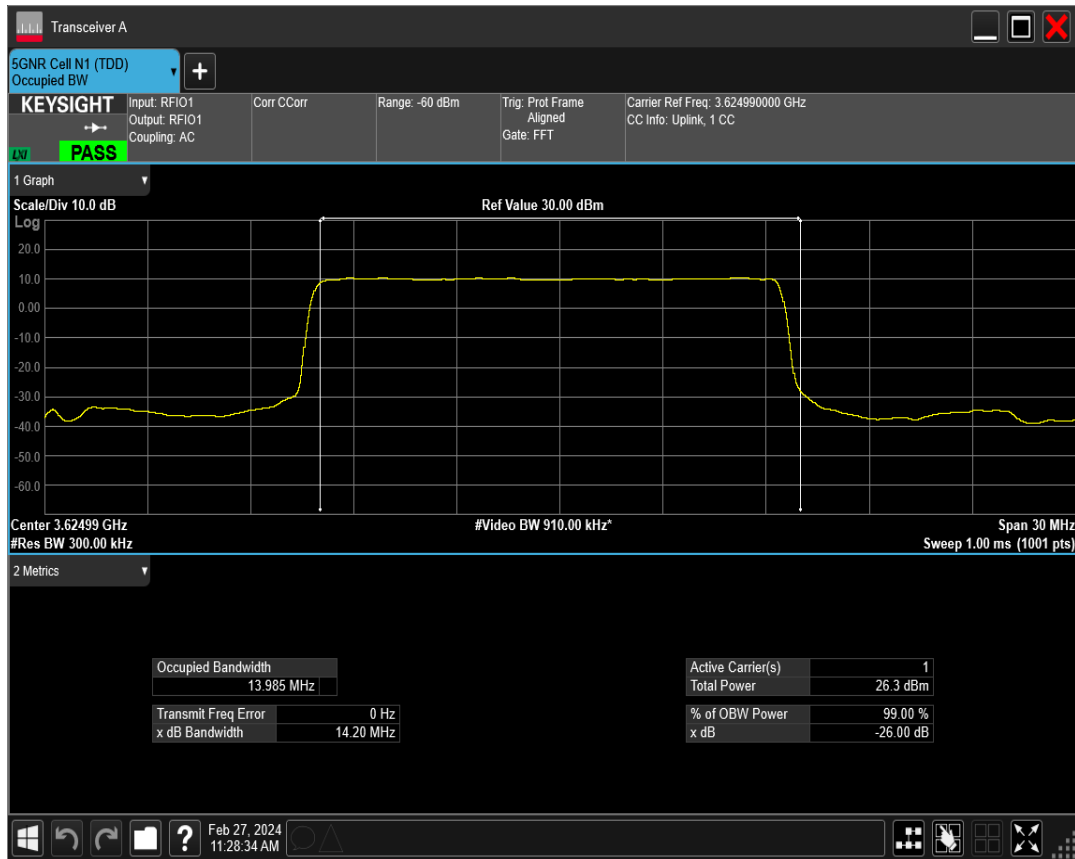
n77(3550-3700) SCS=15kHz DFT\_QAM256 BW=15MHz Channel=637168 RB=75@0



n77(3550-3700) SCS=15kHz CP\_QPSK BW=15MHz Channel=637168 RB=79@0



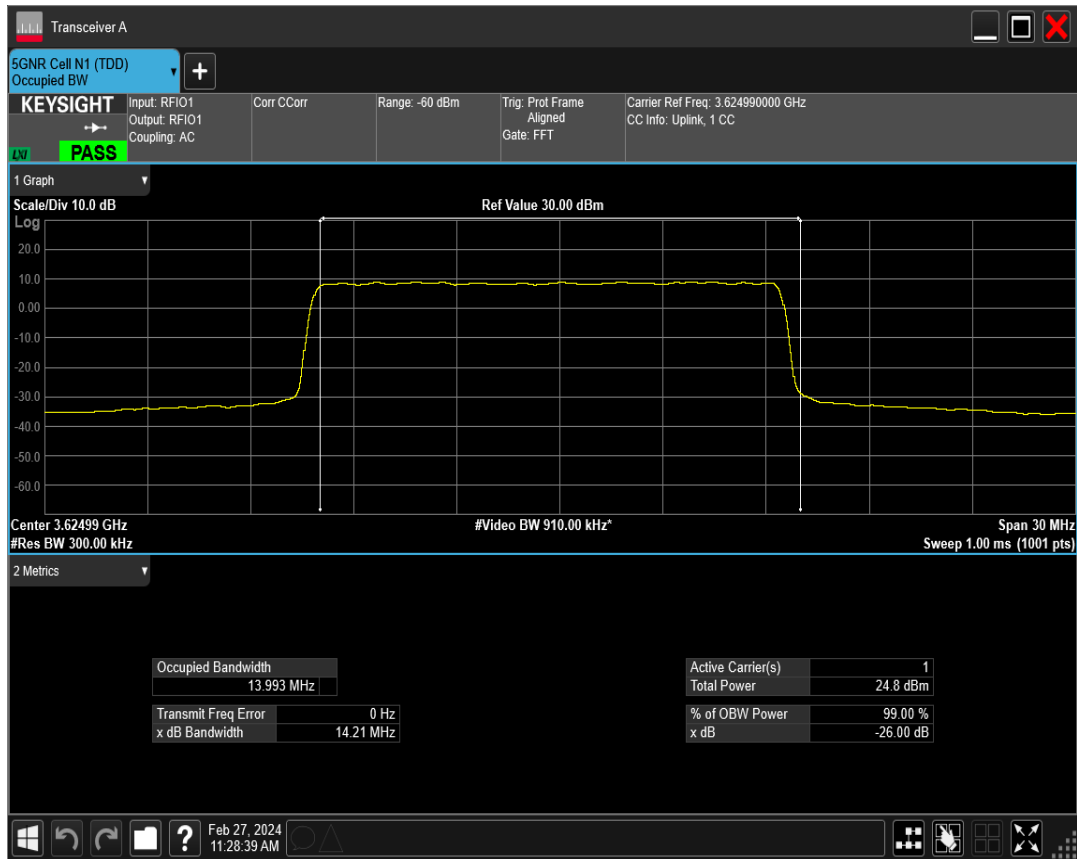
n77(3550-3700) SCS=15kHz DFT\_BPSK BW=15MHz Channel=641666 RB=75@0



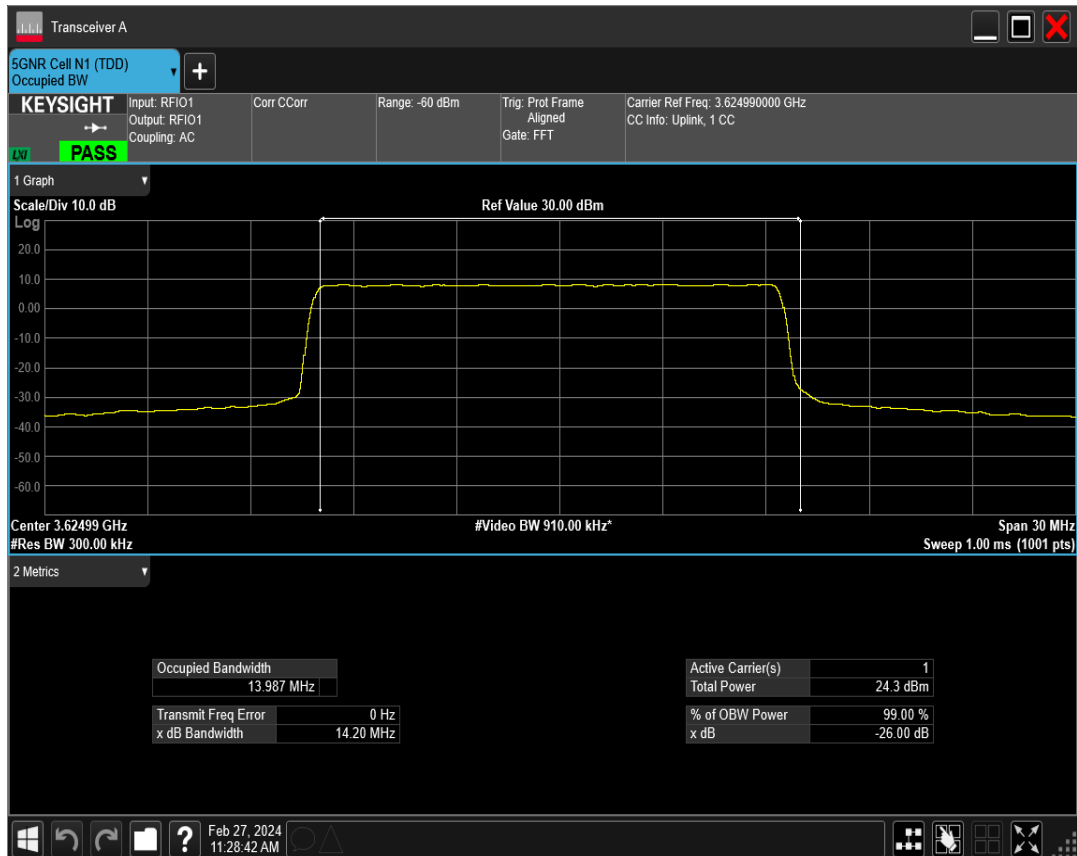
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=15MHz Channel=641666 RB=75@0



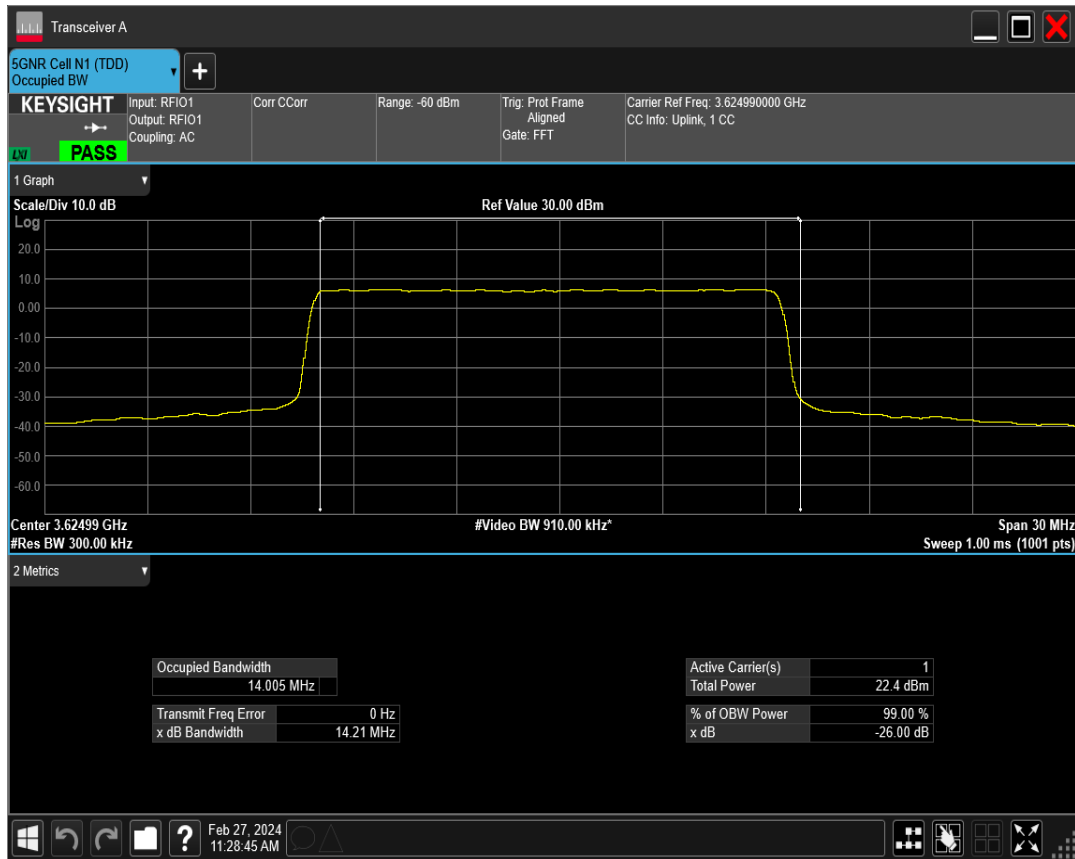
n77(3550-3700) SCS=15kHz DFT\_QAM16 BW=15MHz Channel=641666 RB=75@0



n77(3550-3700) SCS=15kHz DFT\_QAM64 BW=15MHz Channel=641666 RB=75@0



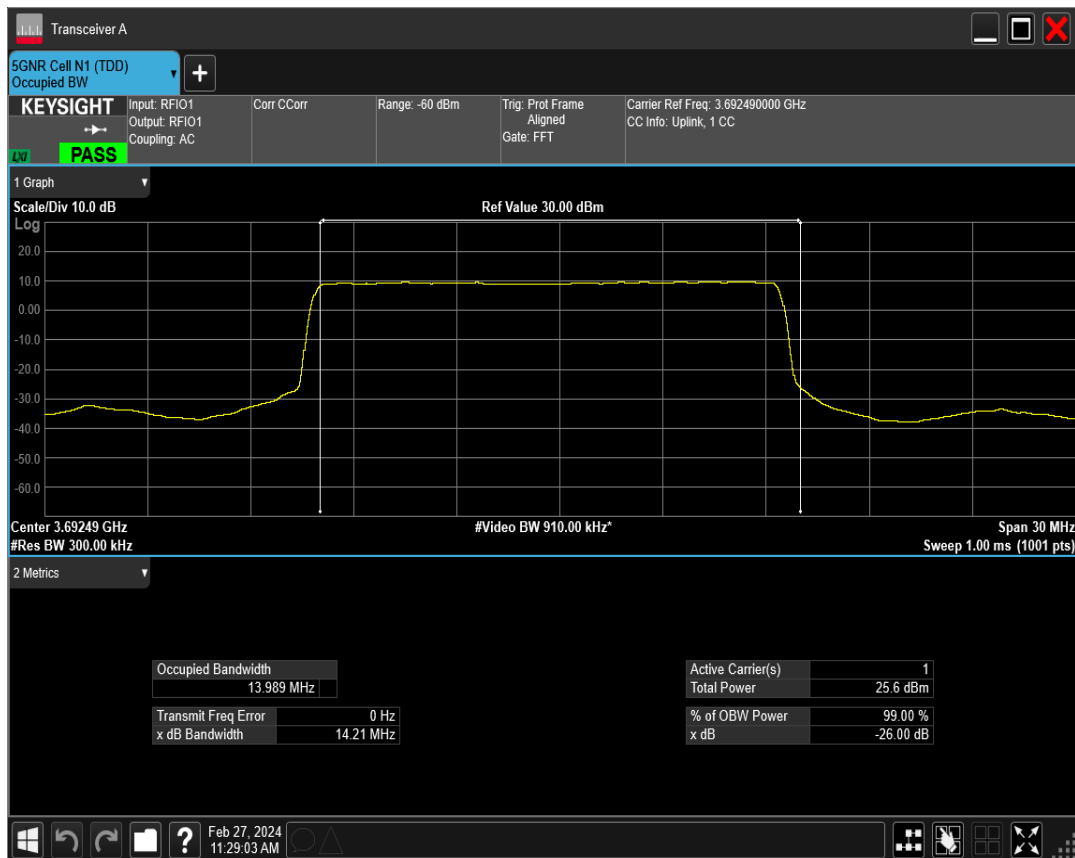
n77(3550-3700) SCS=15kHz DFT\_QAM256 BW=15MHz Channel=641666 RB=75@0



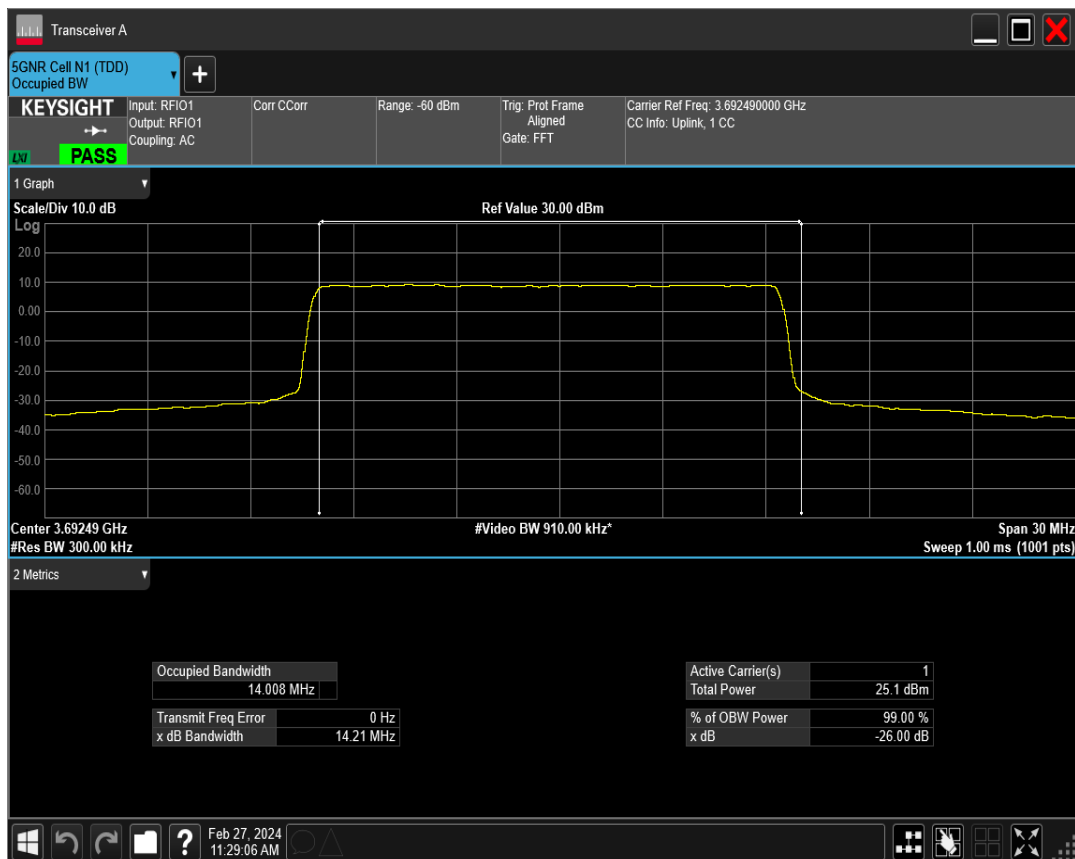
n77(3550-3700) SCS=15kHz CP\_QPSK BW=15MHz Channel=641666 RB=79@0



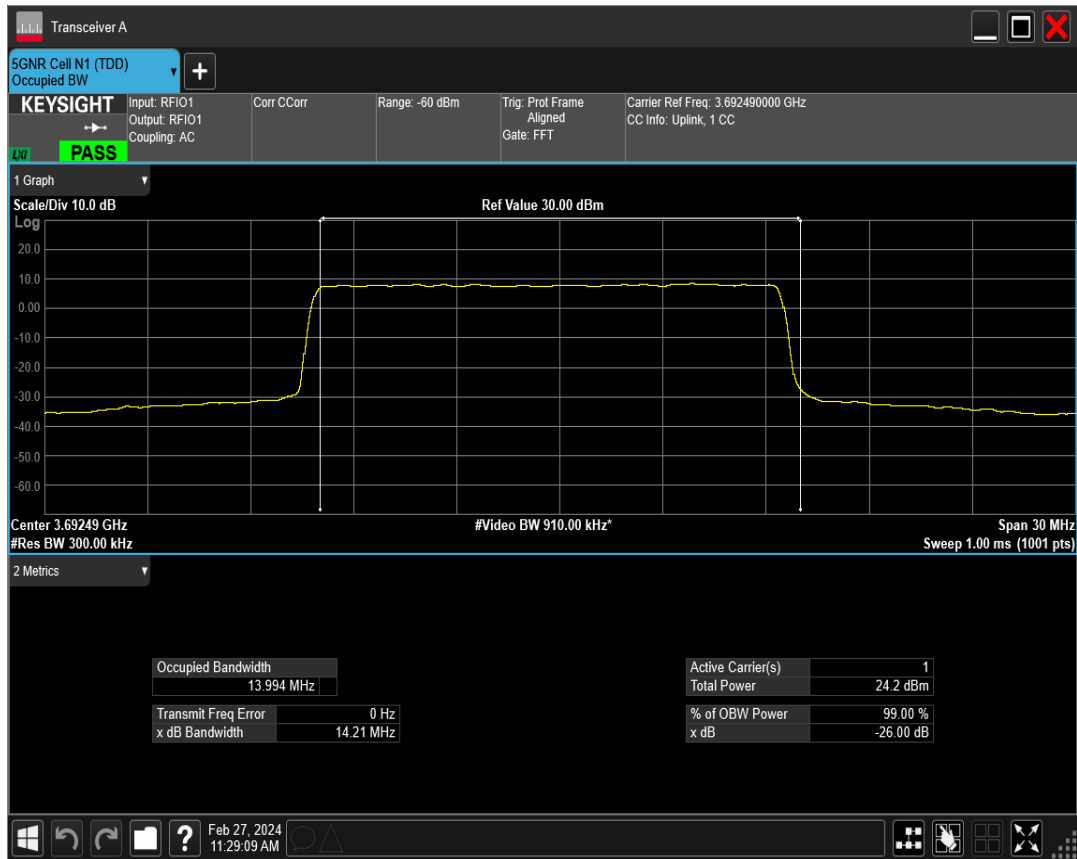
n77(3550-3700) SCS=15kHz DFT\_BPSK BW=15MHz Channel=646166 RB=75@0



n77(3550-3700) SCS=15kHz DFT\_QPSK BW=15MHz Channel=646166 RB=75@0



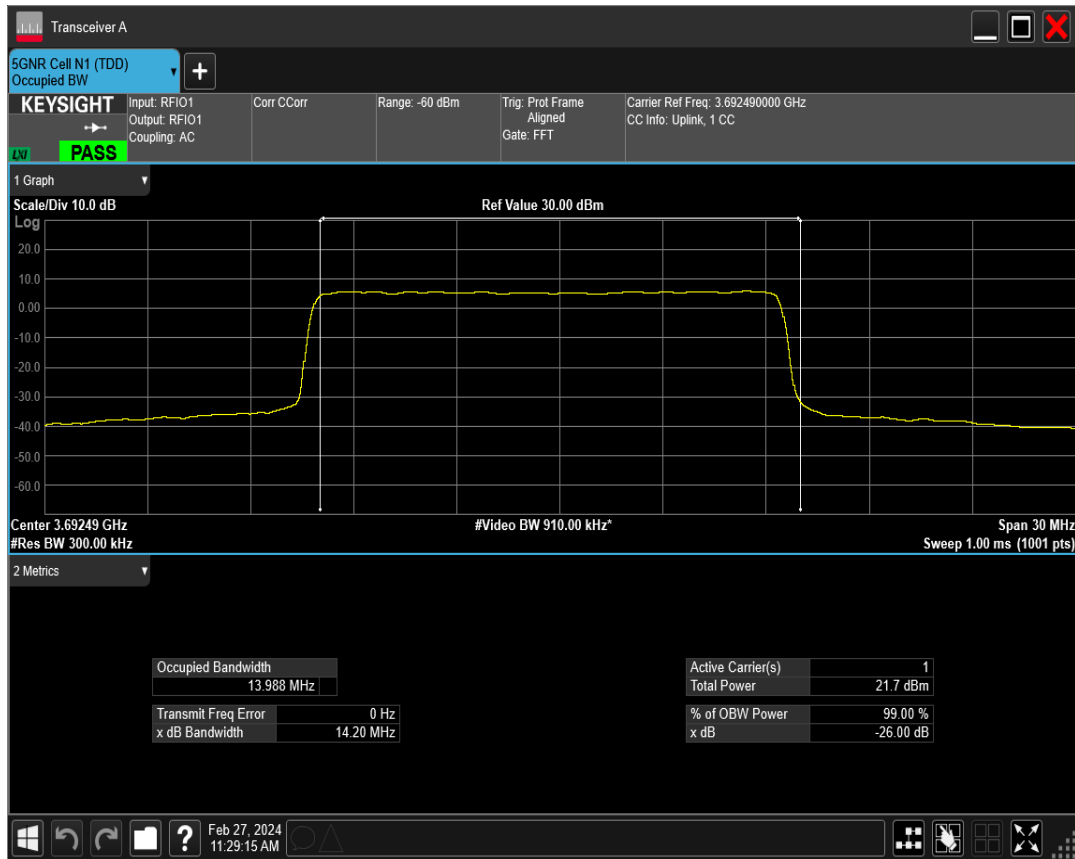
n77(3550-3700) SCS=15kHz DFT\_QAM16 BW=15MHz Channel=646166 RB=75@0



n77(3550-3700) SCS=15kHz DFT\_QAM64 BW=15MHz Channel=646166 RB=75@0



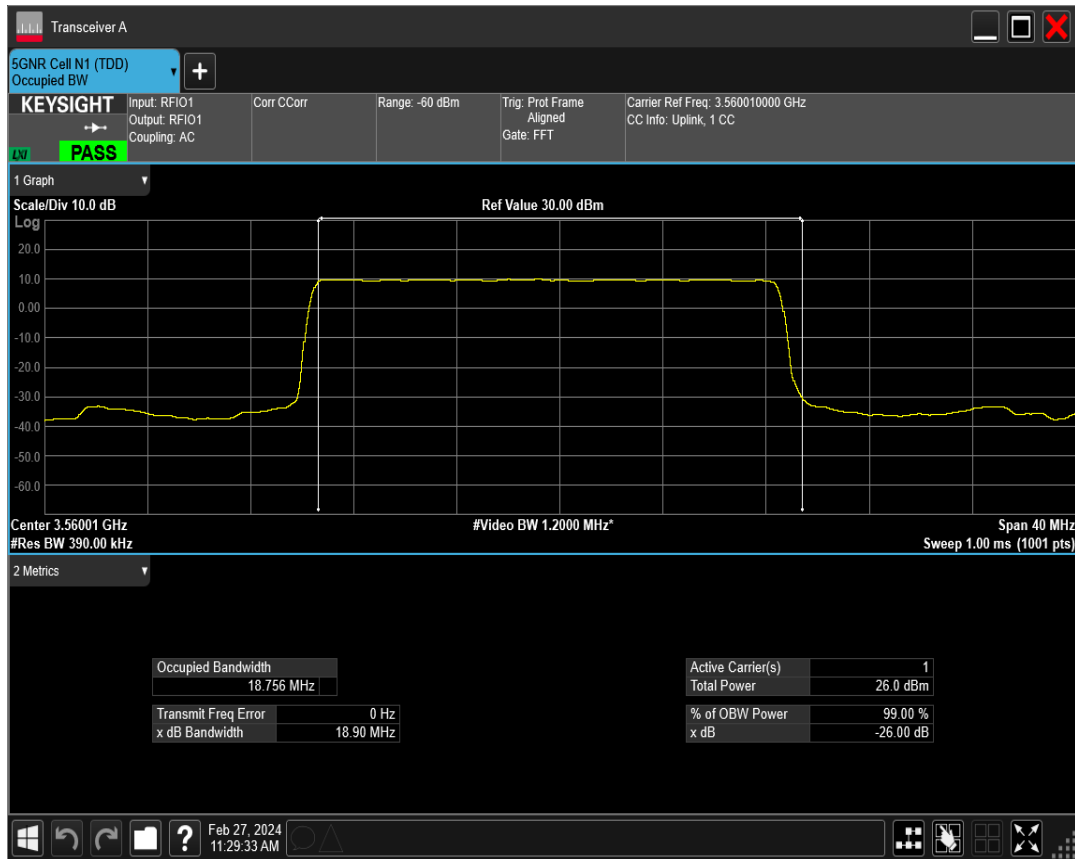
n77(3550-3700) SCS=15kHz DFT\_QAM256 BW=15MHz Channel=646166 RB=75@0



n77(3550-3700) SCS=15kHz CP\_QPSK BW=15MHz Channel=646166 RB=79@0



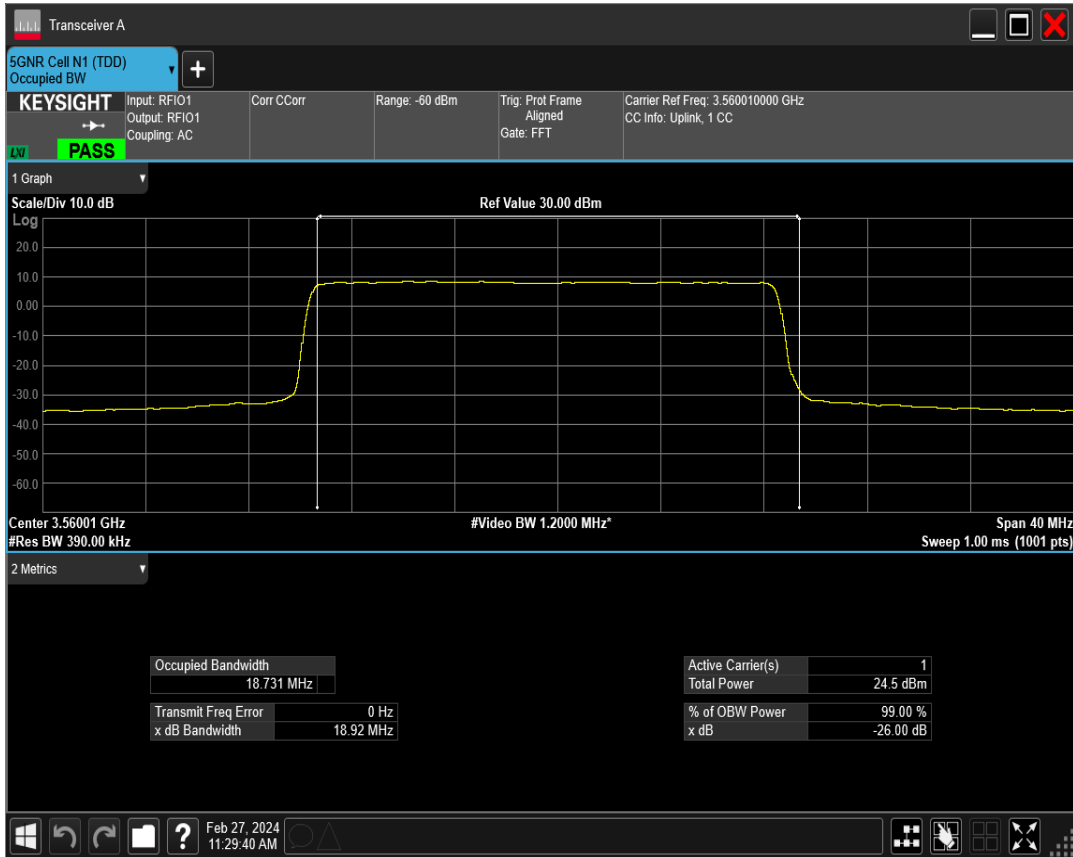
n77(3550-3700) SCS=15kHz DFT\_BPSK BW=20MHz Channel=637334 RB=100@0



n77(3550-3700) SCS=15kHz DFT\_QPSK BW=20MHz Channel=637334 RB=100@0



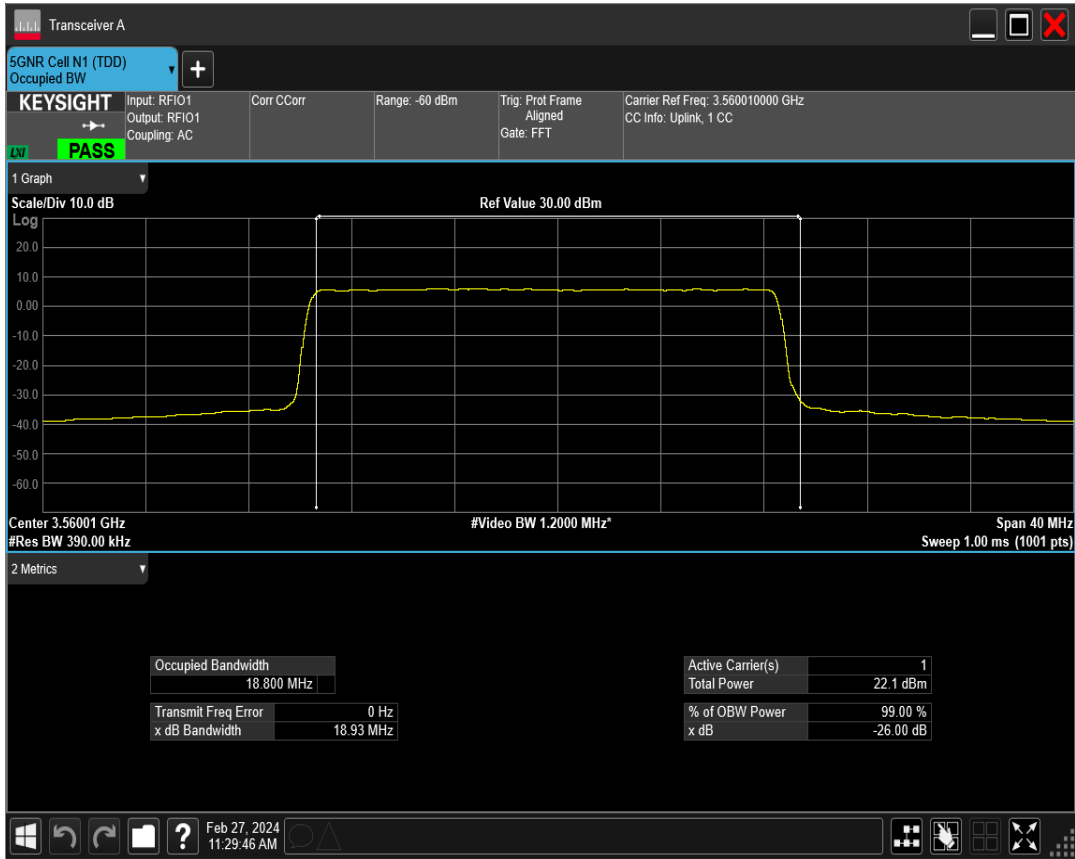
n77(3550-3700) SCS=15kHz DFT\_QAM16 BW=20MHz Channel=637334 RB=100@0



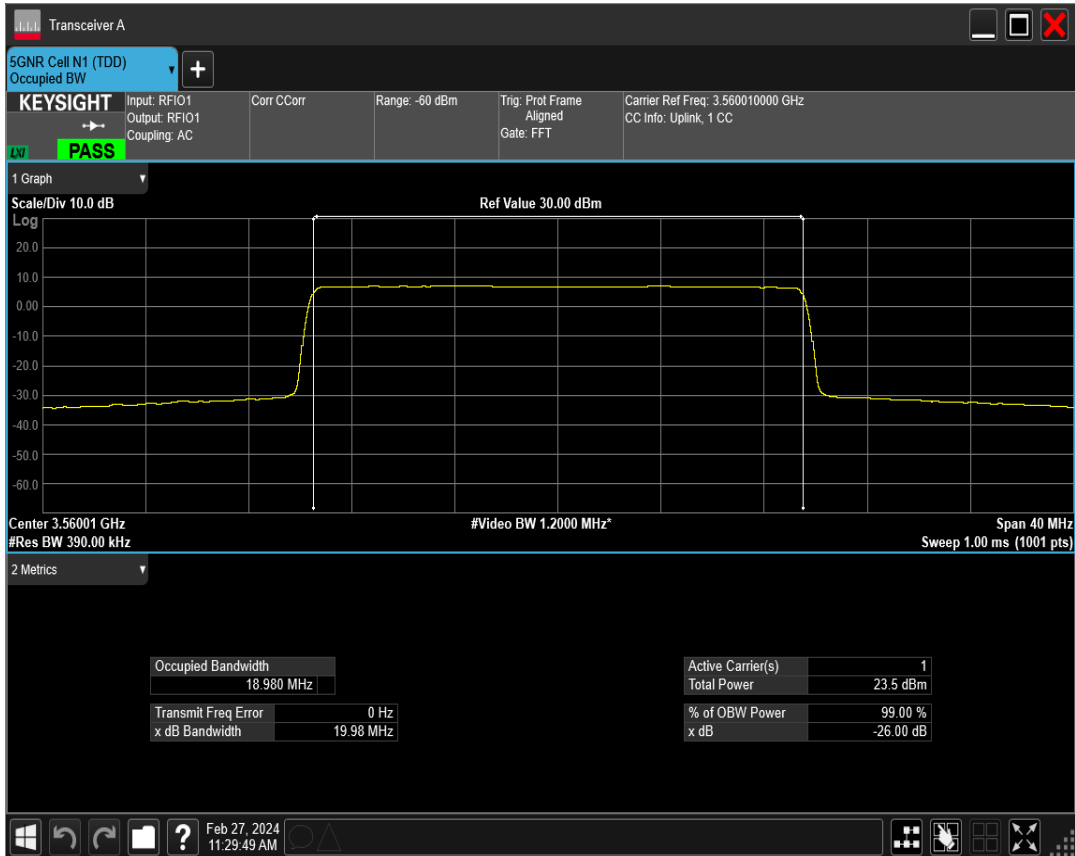
n77(3550-3700) SCS=15kHz DFT\_QAM64 BW=20MHz Channel=637334 RB=100@0



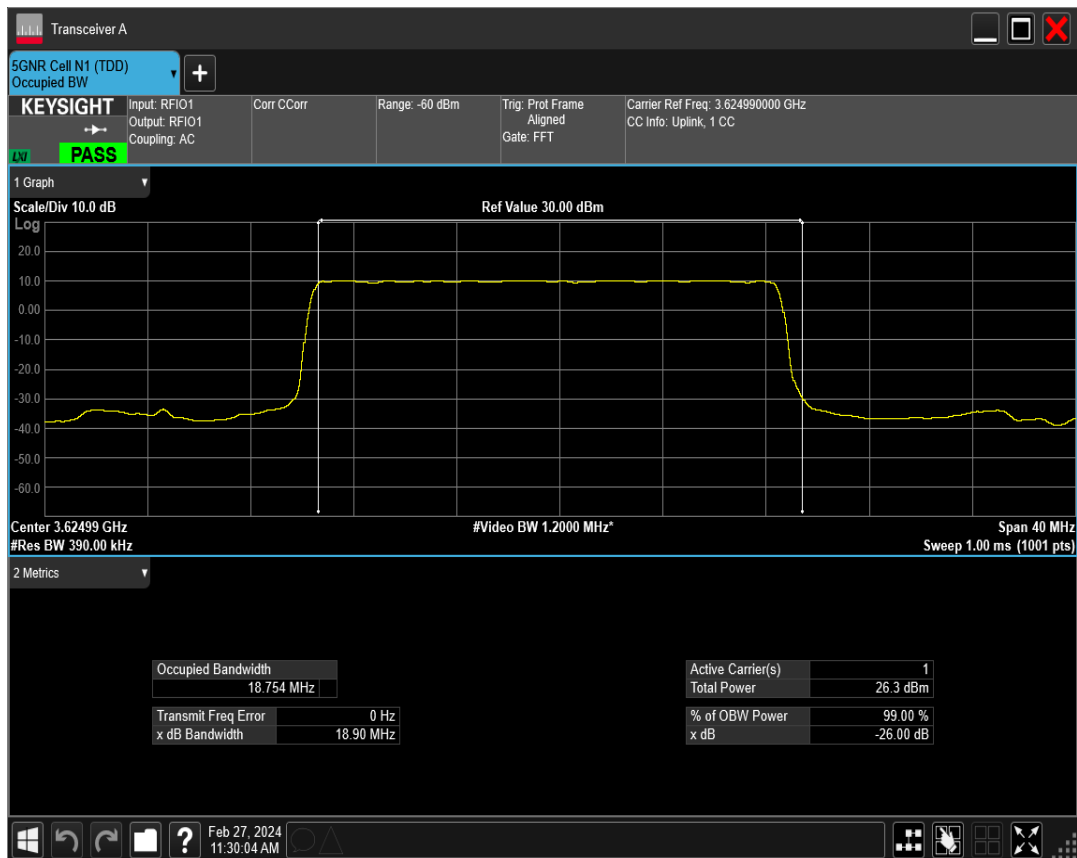
n77(3550-3700) SCS=15kHz DFT\_QAM256 BW=20MHz Channel=637334 RB=100@0



n77(3550-3700) SCS=15kHz CP\_QPSK BW=20MHz Channel=637334 RB=106@0



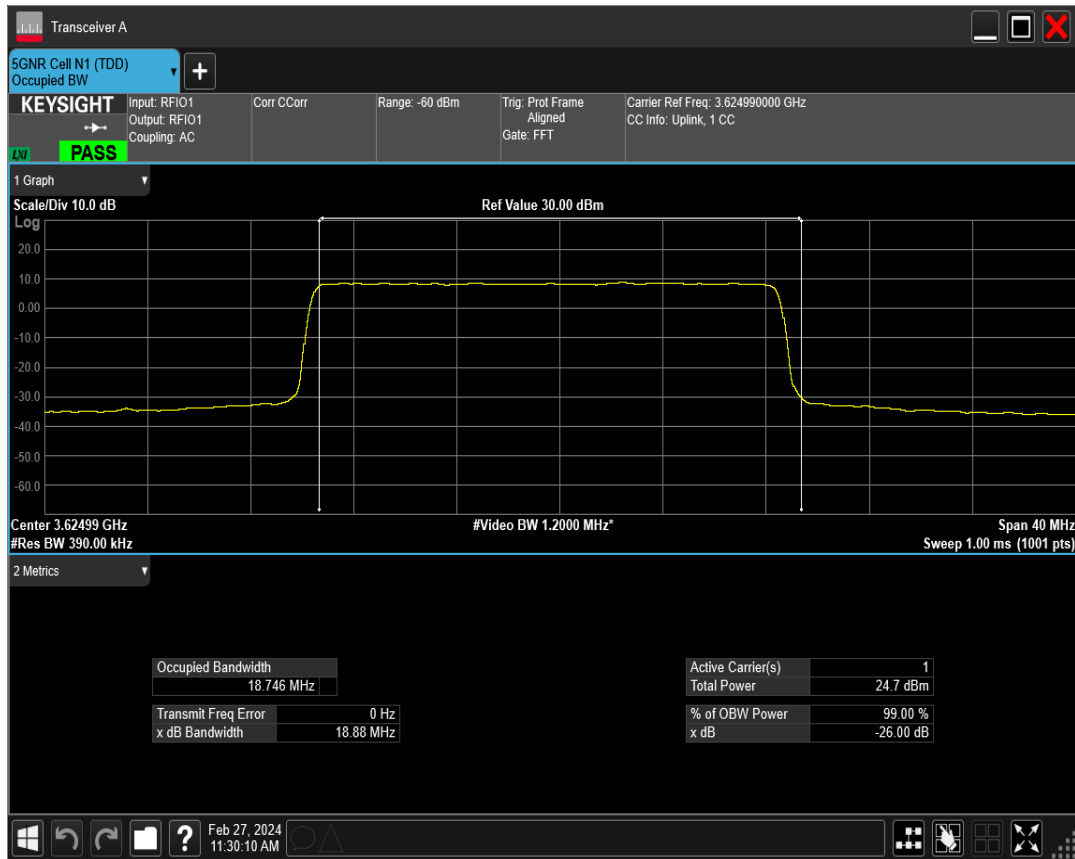
n77(3550-3700) SCS=15kHz DFT\_BPSK BW=20MHz Channel=641666 RB=100@0



n77(3550-3700) SCS=15kHz DFT\_QPSK BW=20MHz Channel=641666 RB=100@0



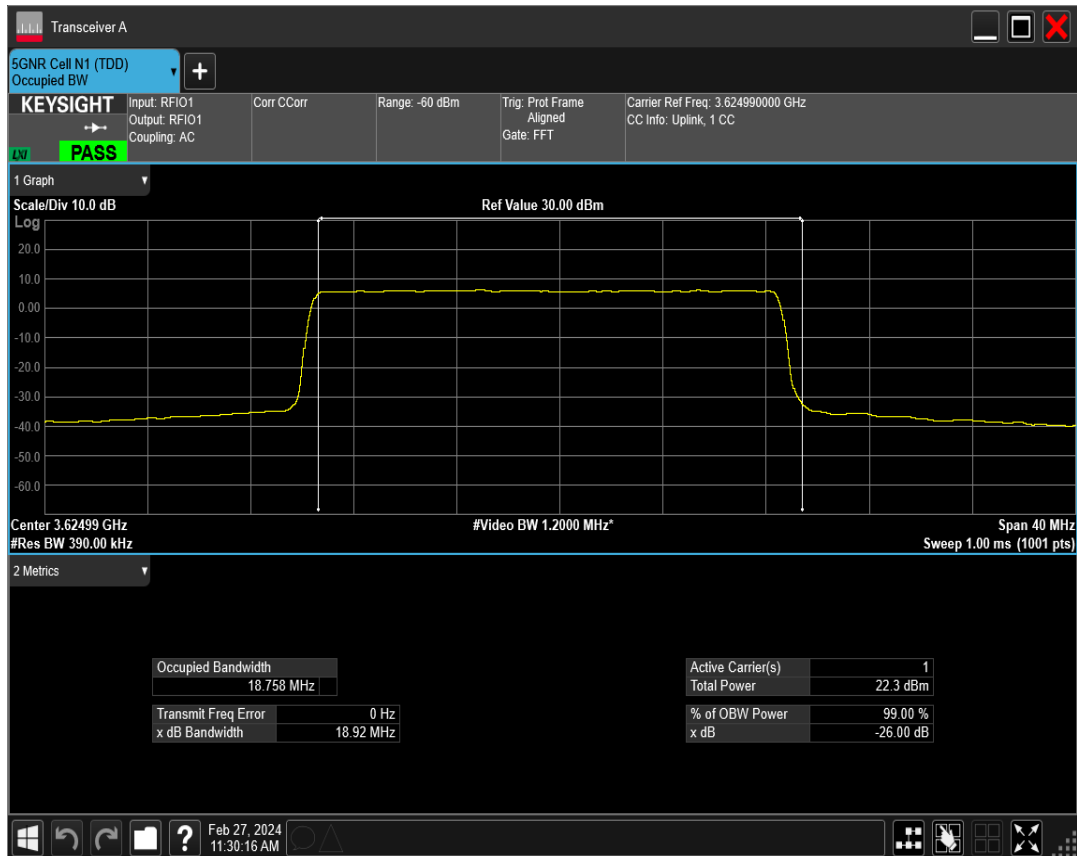
n77(3550-3700) SCS=15kHz DFT\_QAM16 BW=20MHz Channel=641666 RB=100@0



n77(3550-3700) SCS=15kHz DFT\_QAM64 BW=20MHz Channel=641666 RB=100@0



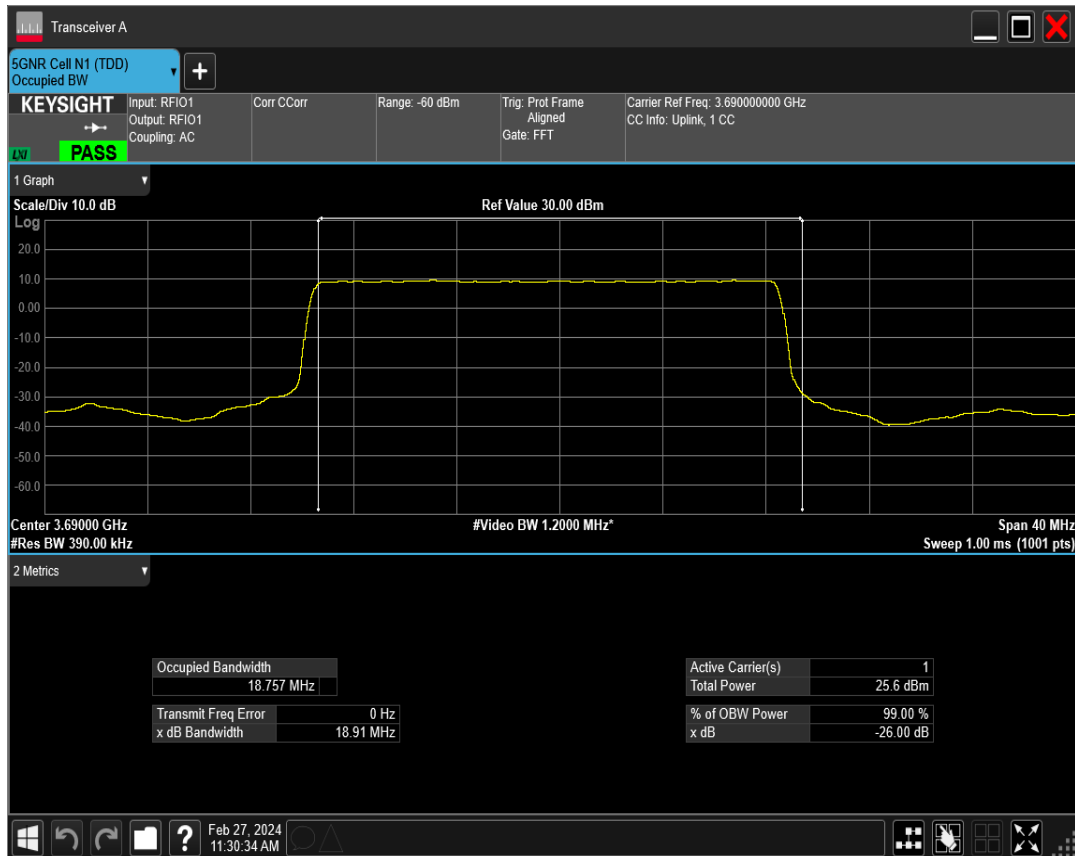
n77(3550-3700) SCS=15kHz DFT\_QAM256 BW=20MHz Channel=641666 RB=100@0



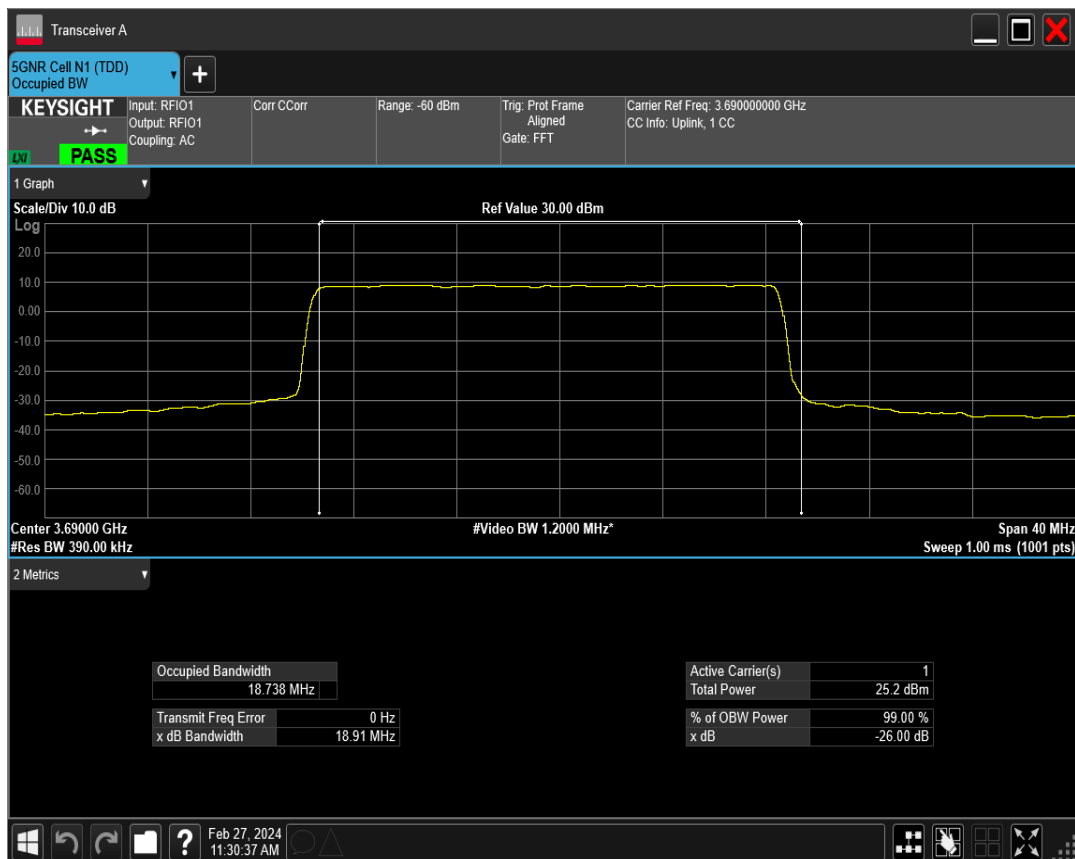
n77(3550-3700) SCS=15kHz CP\_QPSK BW=20MHz Channel=641666 RB=106@0



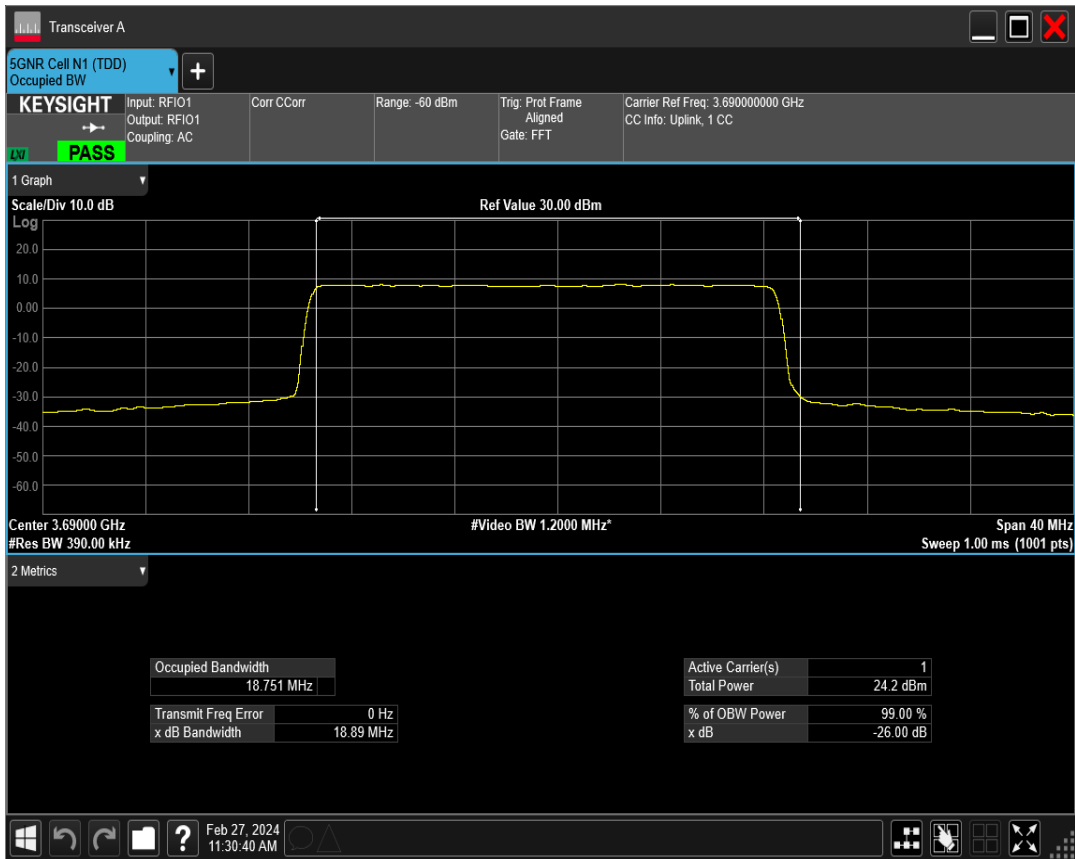
n77(3550-3700) SCS=15kHz DFT\_BPSK BW=20MHz Channel=646000 RB=100@0



n77(3550-3700) SCS=15kHz DFT\_QPSK BW=20MHz Channel=646000 RB=100@0



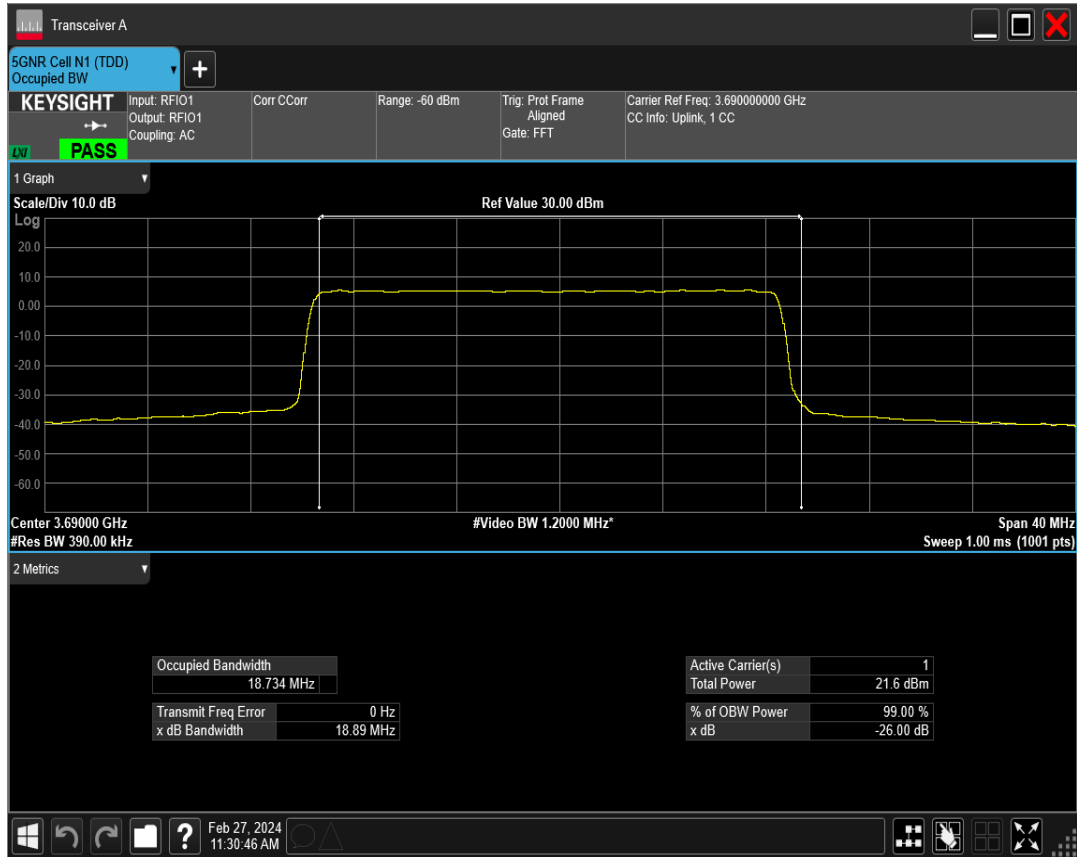
n77(3550-3700) SCS=15kHz DFT\_QAM16 BW=20MHz Channel=646000 RB=100@0



n77(3550-3700) SCS=15kHz DFT\_QAM64 BW=20MHz Channel=646000 RB=100@0



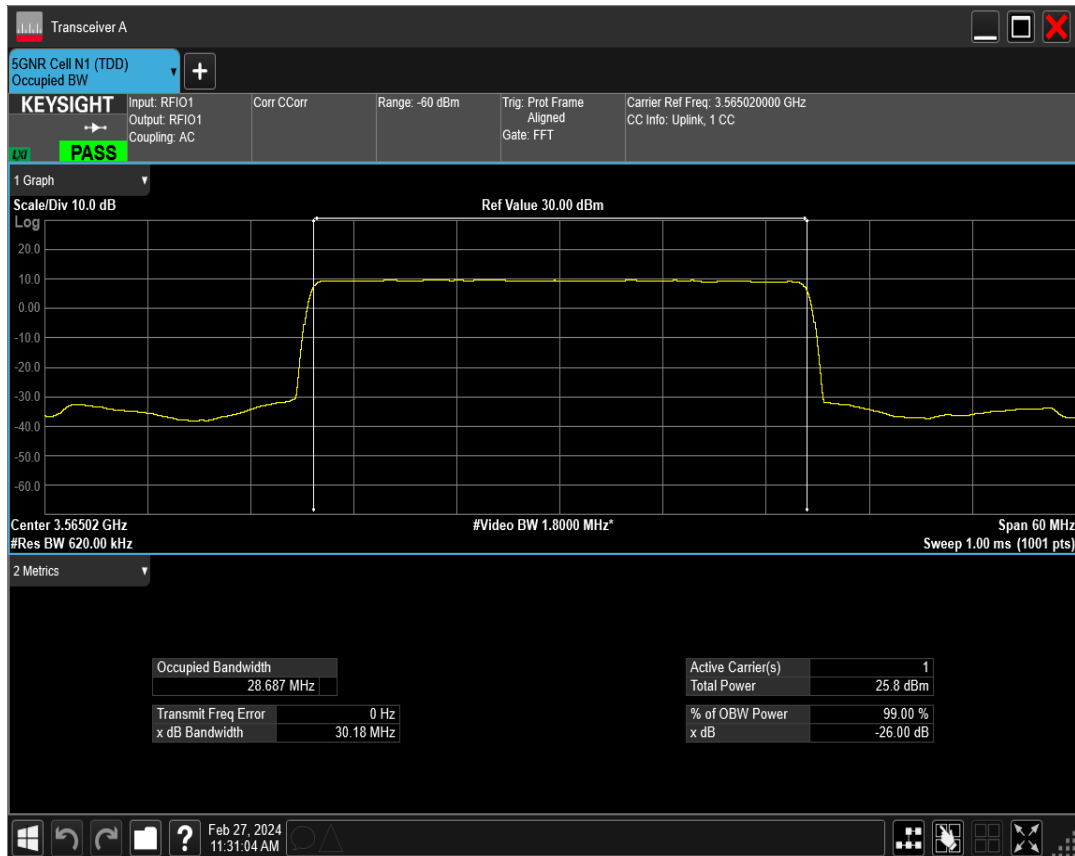
n77(3550-3700) SCS=15kHz DFT\_QAM256 BW=20MHz Channel=646000 RB=100@0



n77(3550-3700) SCS=15kHz CP\_QPSK BW=20MHz Channel=646000 RB=106@0



n77(3550-3700) SCS=15kHz DFT\_BPSK BW=30MHz Channel=637668 RB=160@0



n77(3550-3700) SCS=15kHz DFT\_QPSK BW=30MHz Channel=637668 RB=160@0



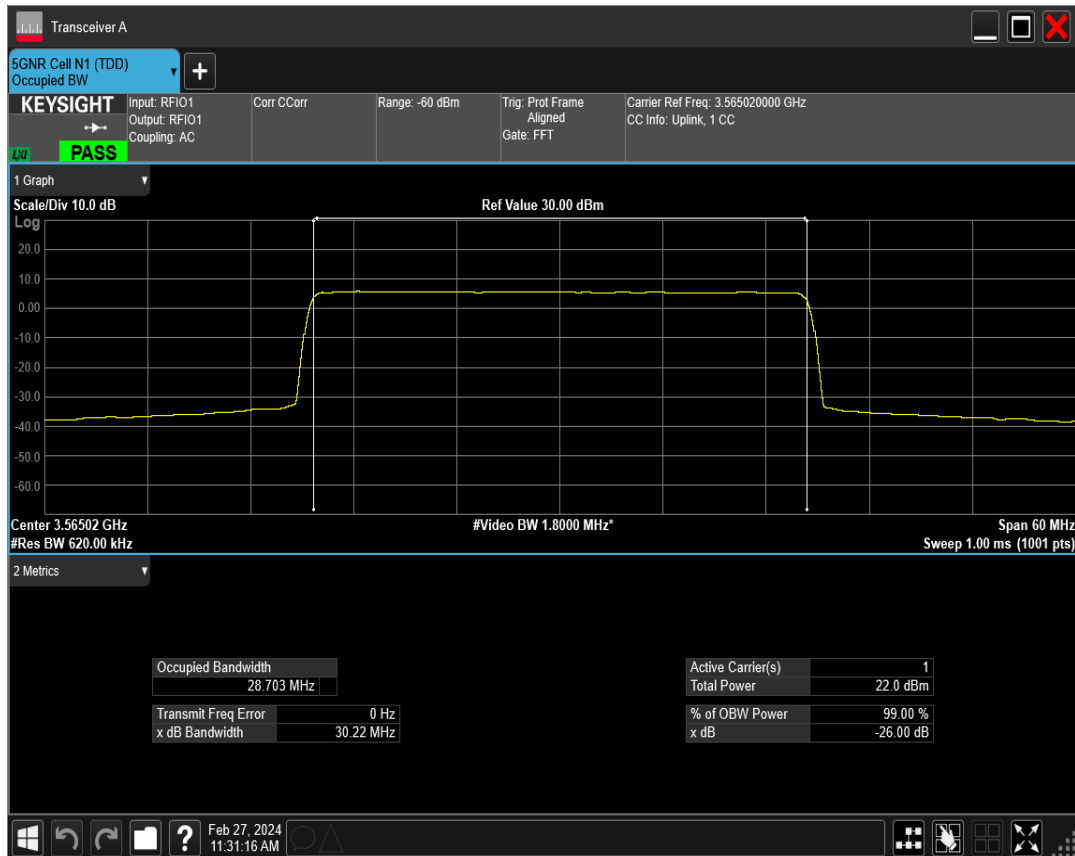
n77(3550-3700) SCS=15kHz DFT\_QAM16 BW=30MHz Channel=637668 RB=160@0



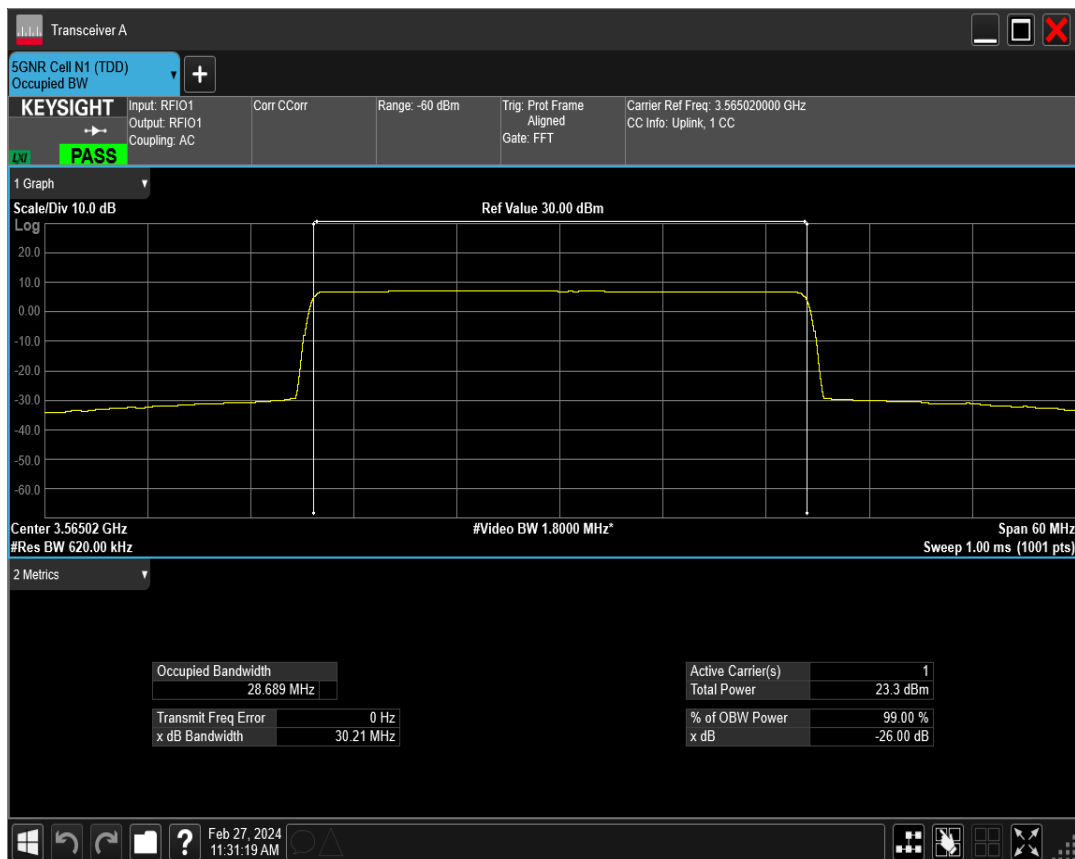
n77(3550-3700) SCS=15kHz DFT\_QAM64 BW=30MHz Channel=637668 RB=160@0



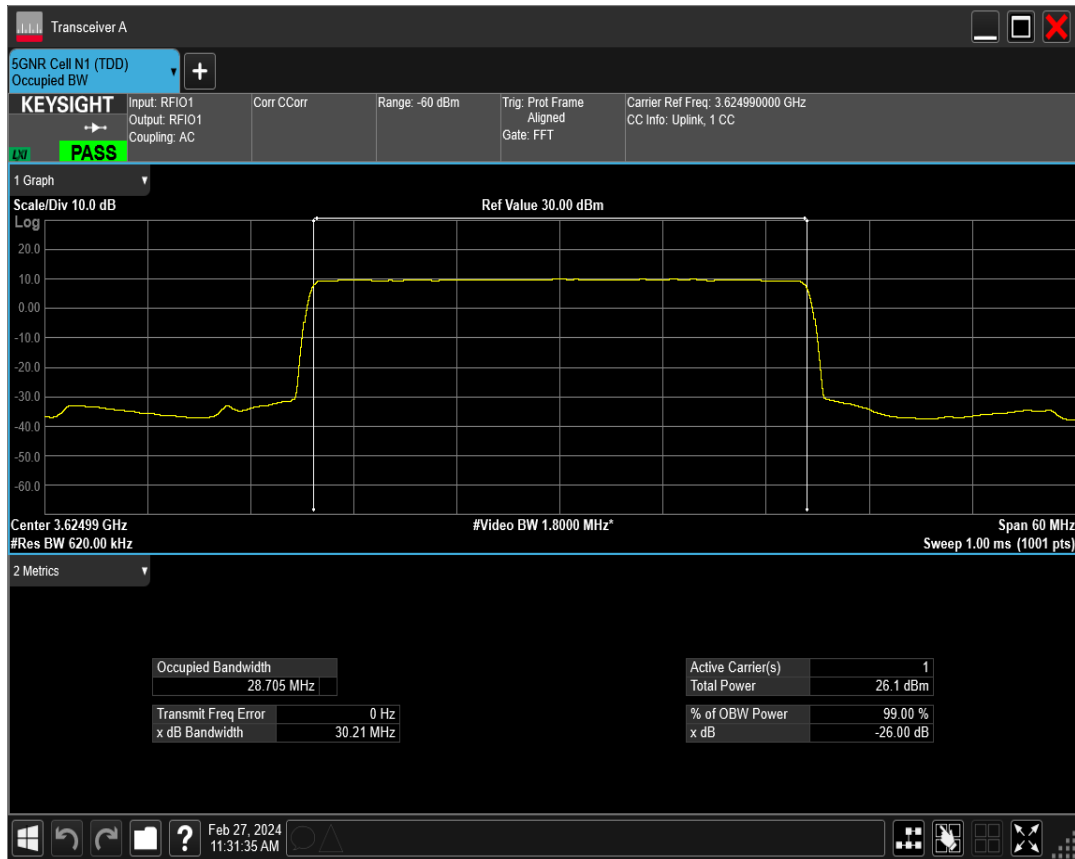
n77(3550-3700) SCS=15kHz DFT\_QAM256 BW=30MHz Channel=637668 RB=160@0



n77(3550-3700) SCS=15kHz CP\_QPSK BW=30MHz Channel=637668 RB=160@0



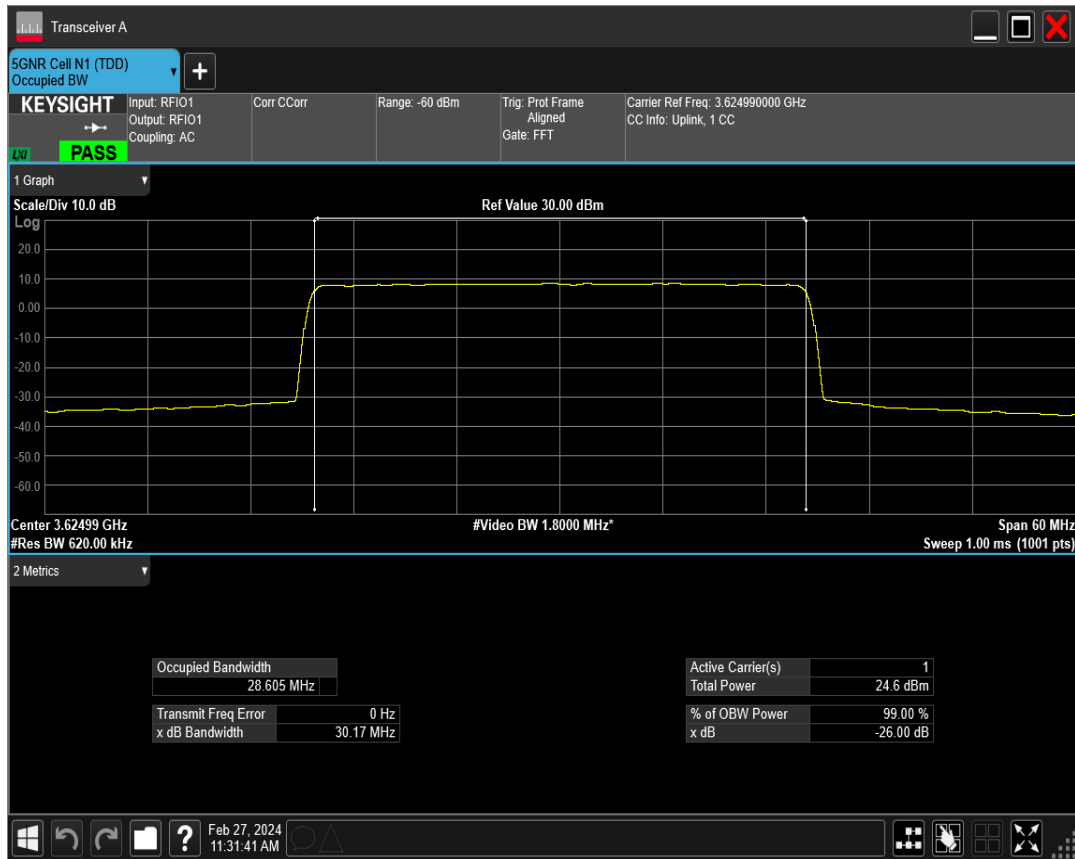
n77(3550-3700) SCS=15kHz DFT\_BPSK BW=30MHz Channel=641666 RB=160@0



n77(3550-3700) SCS=15kHz DFT\_QPSK BW=30MHz Channel=641666 RB=160@0



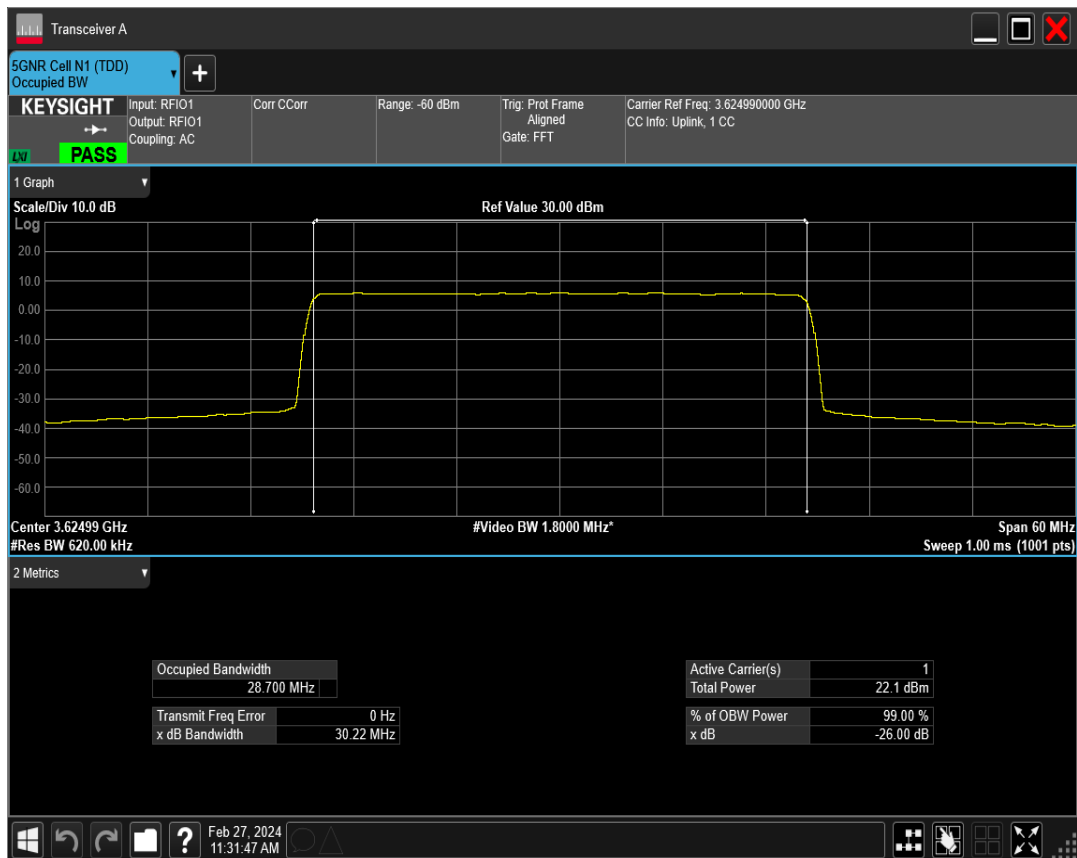
n77(3550-3700) SCS=15kHz DFT\_QAM16 BW=30MHz Channel=641666 RB=160@0



n77(3550-3700) SCS=15kHz DFT\_QAM64 BW=30MHz Channel=641666 RB=160@0



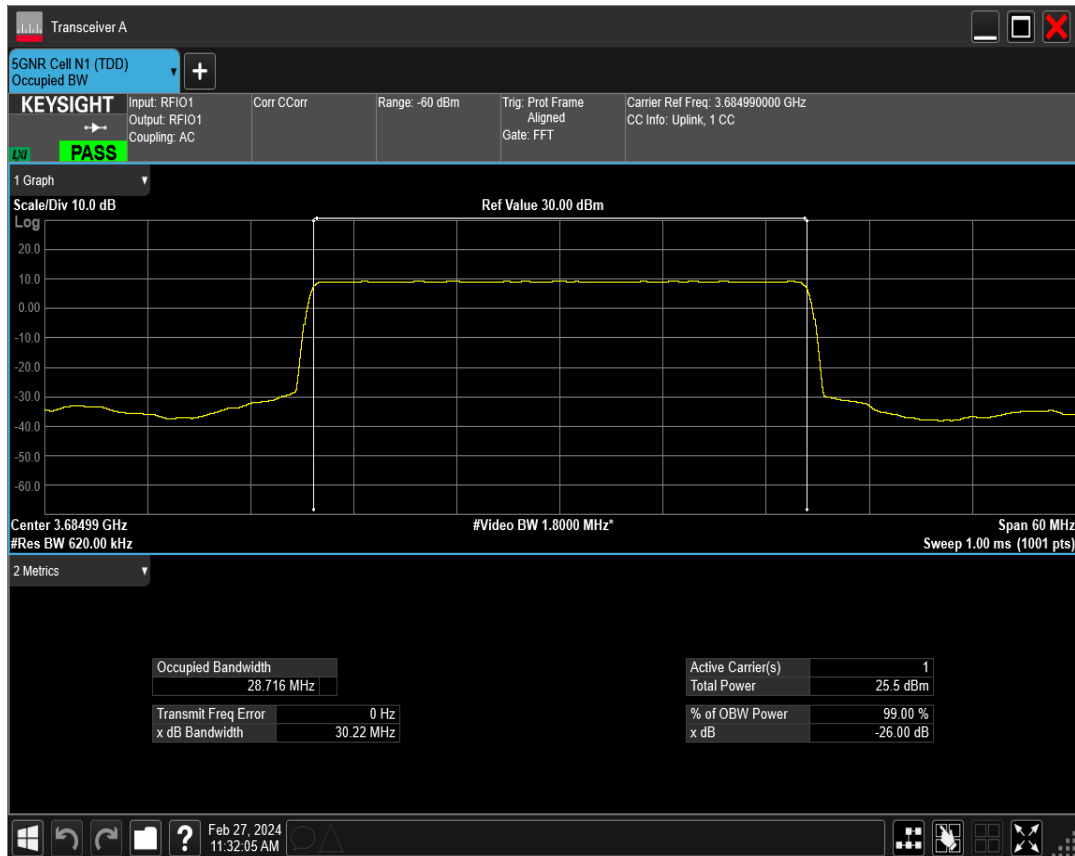
n77(3550-3700) SCS=15kHz DFT\_QAM256 BW=30MHz Channel=641666 RB=160@0



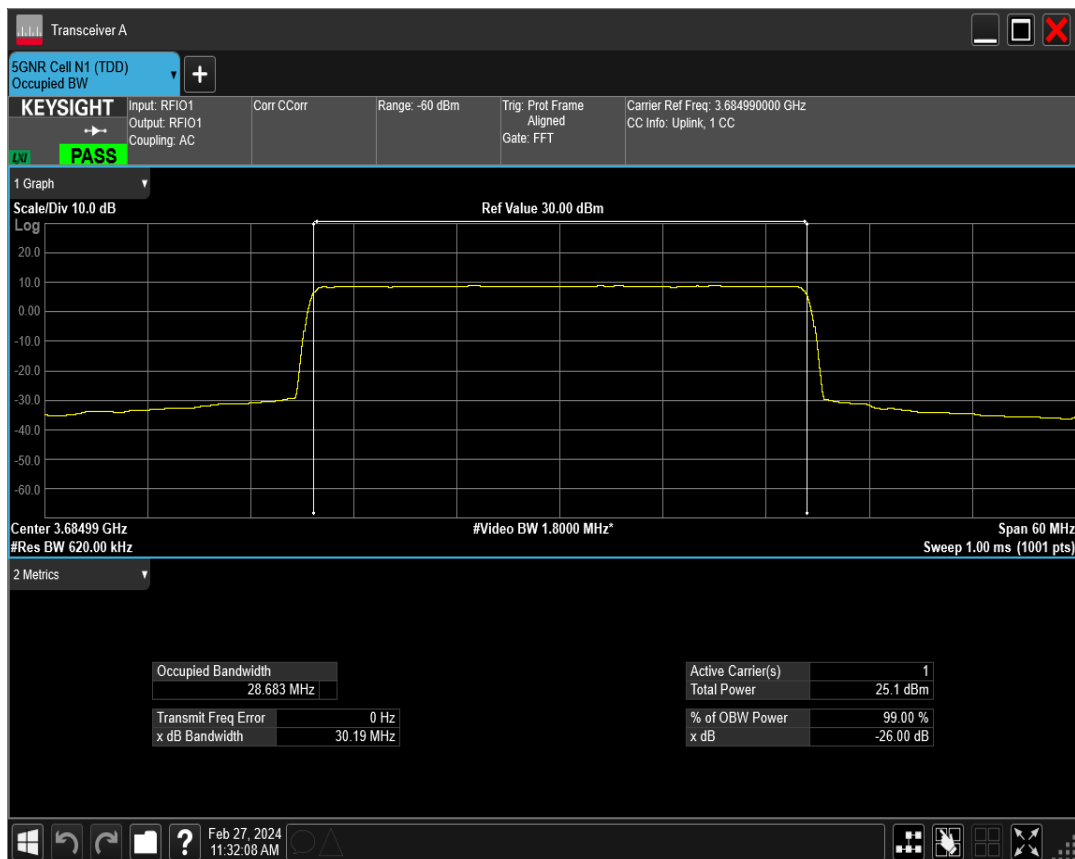
n77(3550-3700) SCS=15kHz CP\_QPSK BW=30MHz Channel=641666 RB=160@0



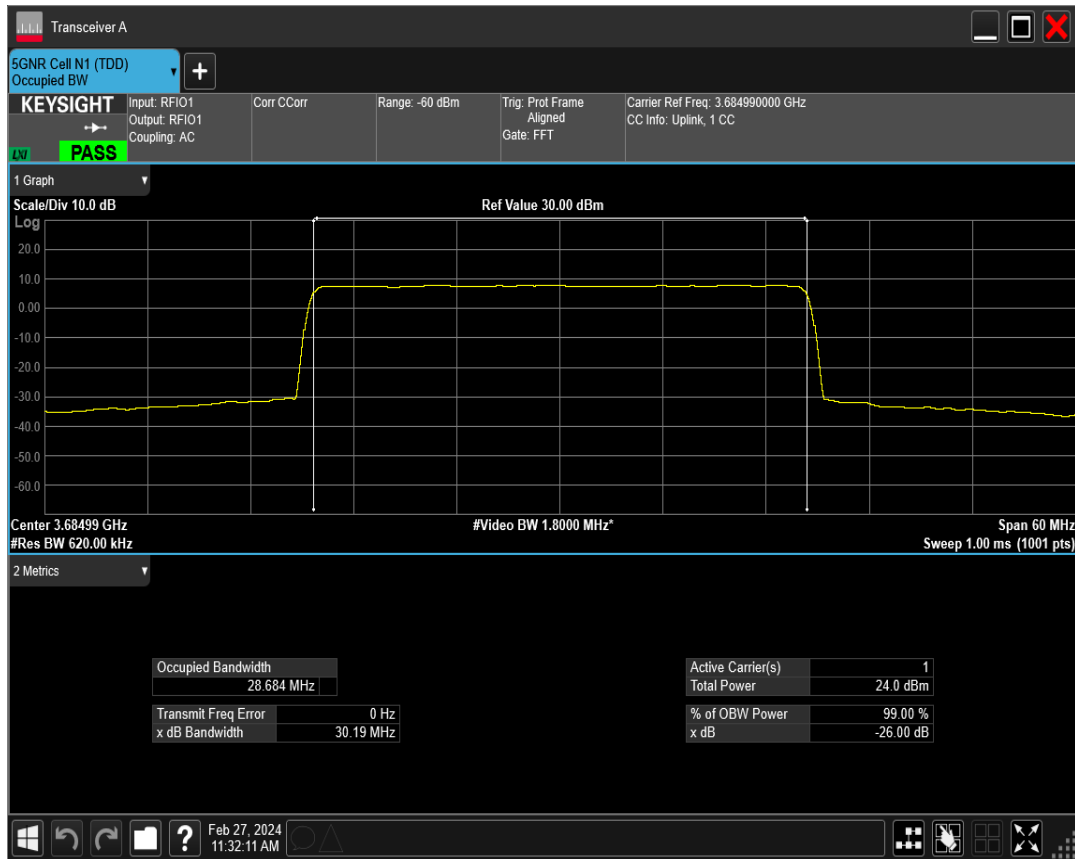
n77(3550-3700) SCS=15kHz DFT\_BPSK BW=30MHz Channel=645666 RB=160@0



n77(3550-3700) SCS=15kHz DFT\_QPSK BW=30MHz Channel=645666 RB=160@0



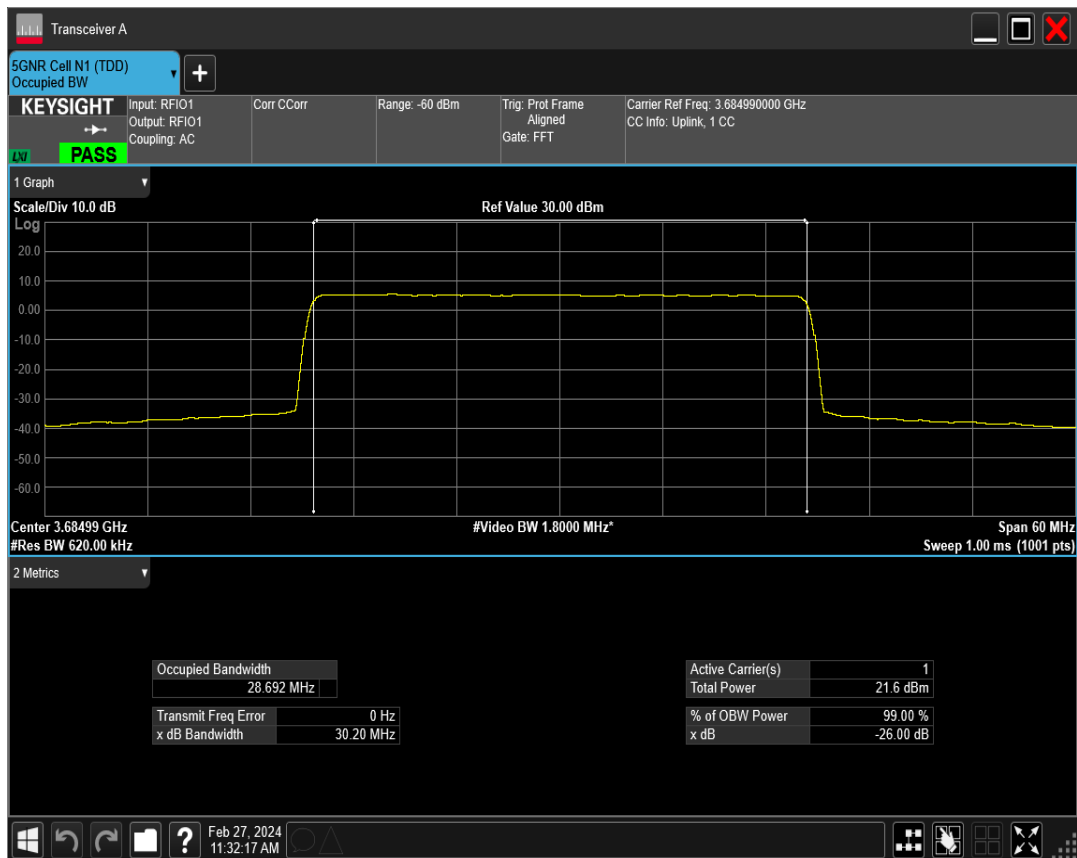
n77(3550-3700) SCS=15kHz DFT\_QAM16 BW=30MHz Channel=645666 RB=160@0



n77(3550-3700) SCS=15kHz DFT\_QAM64 BW=30MHz Channel=645666 RB=160@0



n77(3550-3700) SCS=15kHz DFT\_QAM256 BW=30MHz Channel=645666 RB=160@0



n77(3550-3700) SCS=15kHz CP\_QPSK BW=30MHz Channel=645666 RB=160@0



n77(3550-3700) SCS=15kHz DFT\_BPSK BW=40MHz Channel=638000 RB=216@0



n77(3550-3700) SCS=15kHz DFT\_QPSK BW=40MHz Channel=638000 RB=216@0



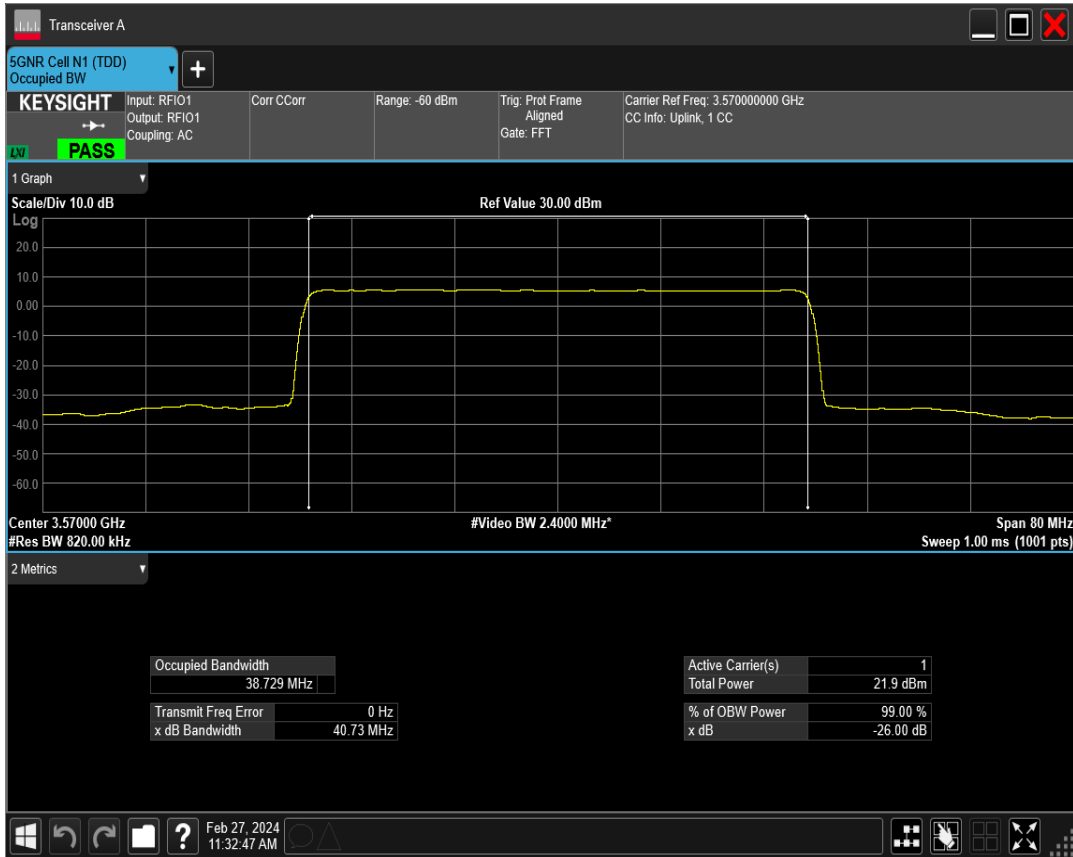
n77(3550-3700) SCS=15kHz DFT\_QAM16 BW=40MHz Channel=638000 RB=216@0



n77(3550-3700) SCS=15kHz DFT\_QAM64 BW=40MHz Channel=638000 RB=216@0



n77(3550-3700) SCS=15kHz DFT\_QAM256 BW=40MHz Channel=638000 RB=216@0



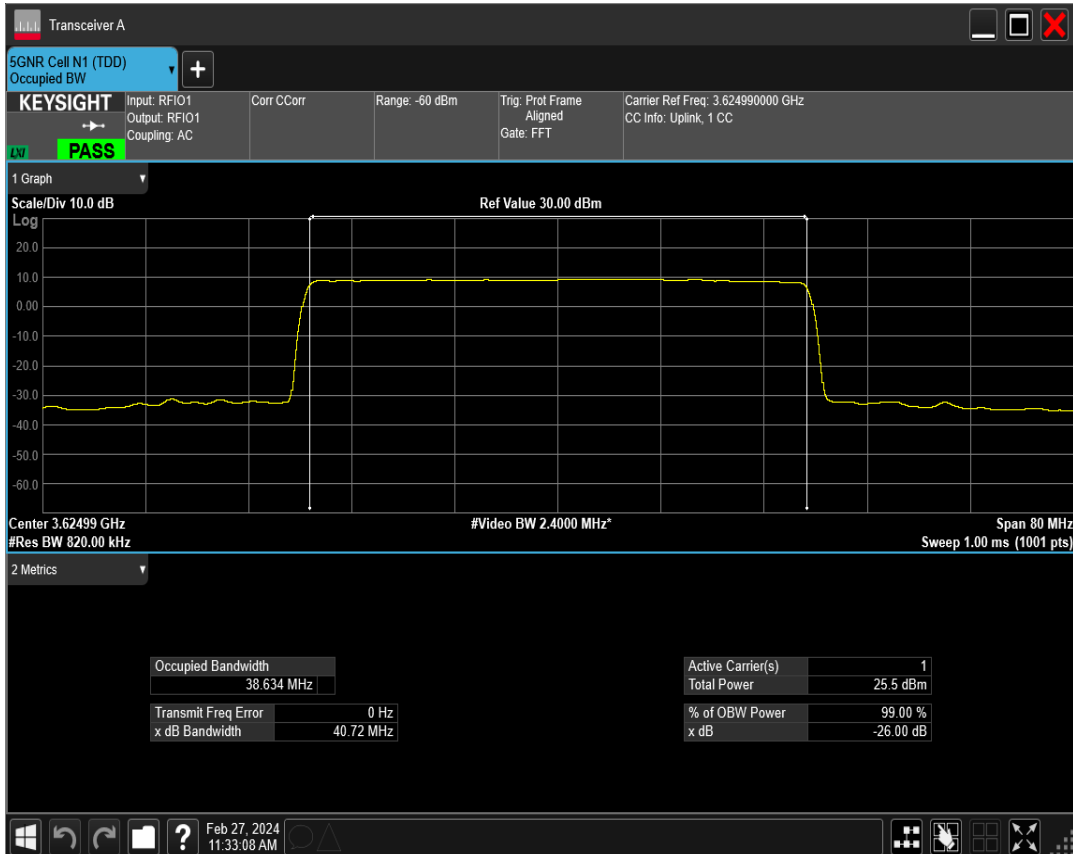
n77(3550-3700) SCS=15kHz CP\_QPSK BW=40MHz Channel=638000 RB=216@0



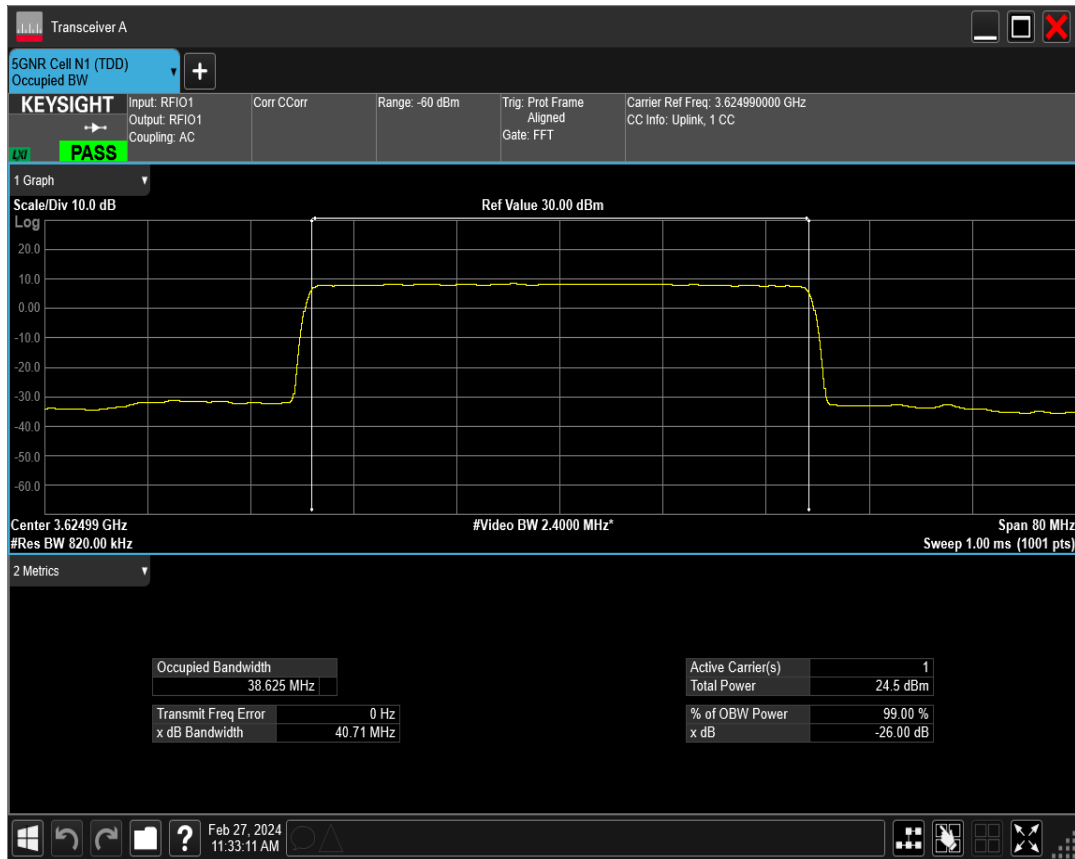
n77(3550-3700) SCS=15kHz DFT\_BPSK BW=40MHz Channel=641666 RB=216@0



n77(3550-3700) SCS=15kHz DFT\_QPSK BW=40MHz Channel=641666 RB=216@0



n77(3550-3700) SCS=15kHz DFT\_QAM16 BW=40MHz Channel=641666 RB=216@0



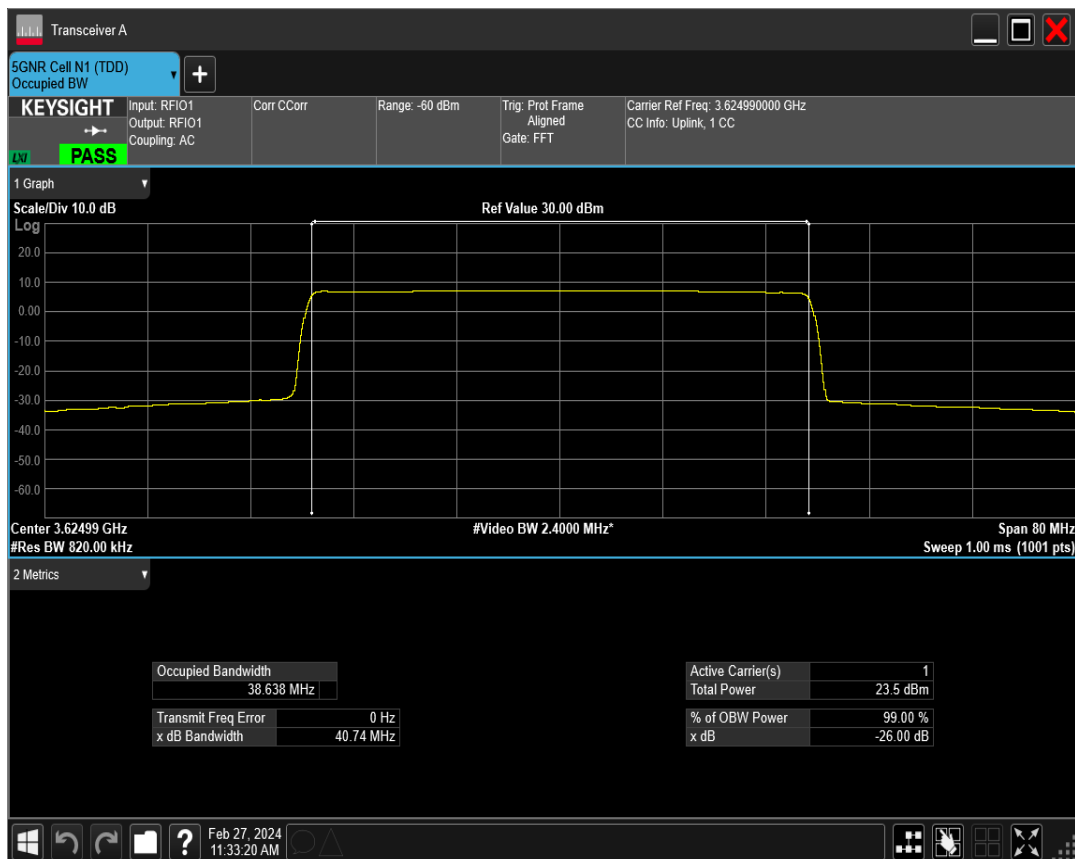
n77(3550-3700) SCS=15kHz DFT\_QAM64 BW=40MHz Channel=641666 RB=216@0



n77(3550-3700) SCS=15kHz DFT\_QAM256 BW=40MHz Channel=641666 RB=216@0



n77(3550-3700) SCS=15kHz CP\_QPSK BW=40MHz Channel=641666 RB=216@0



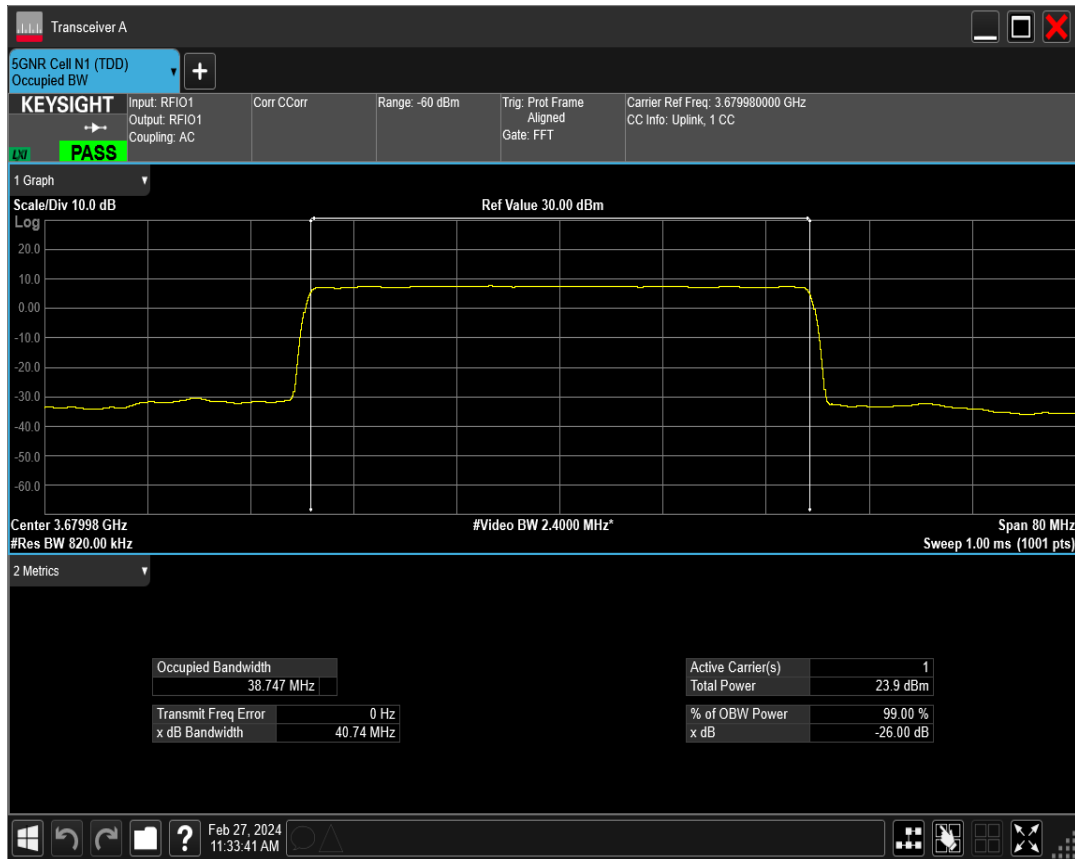
n77(3550-3700) SCS=15kHz DFT\_BPSK BW=40MHz Channel=645332 RB=216@0



n77(3550-3700) SCS=15kHz DFT\_QPSK BW=40MHz Channel=645332 RB=216@0



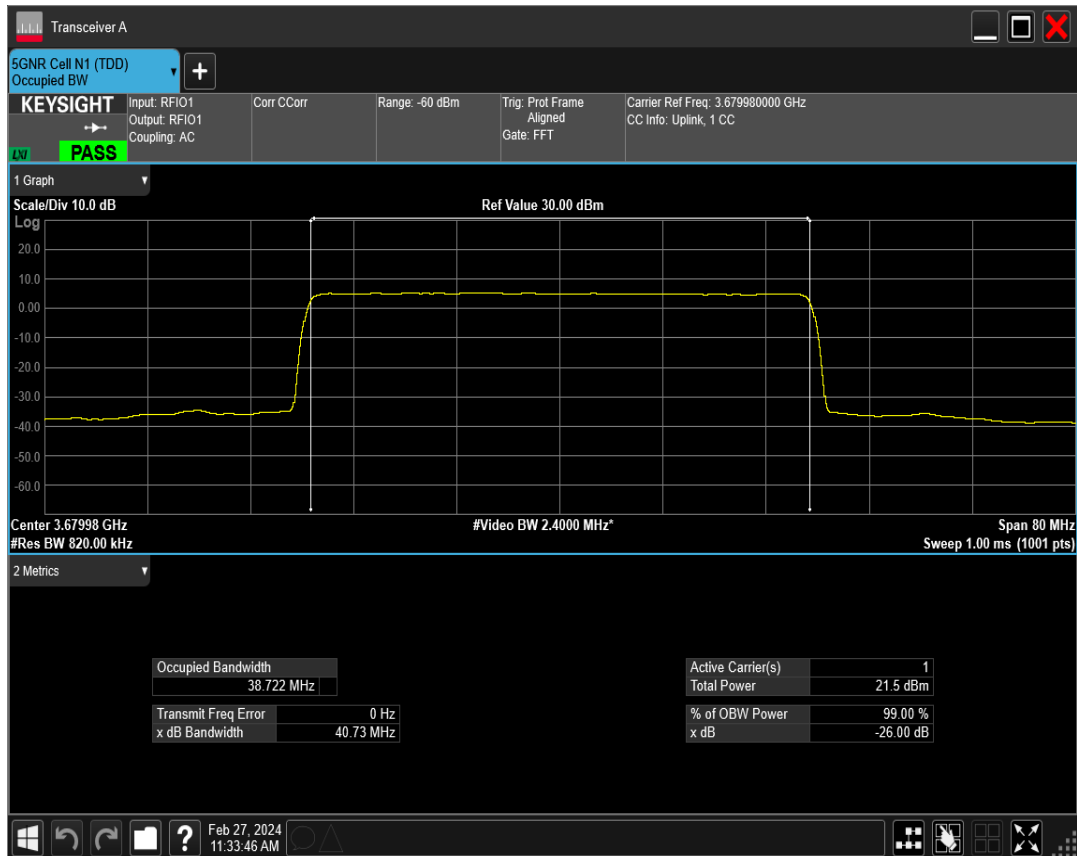
n77(3550-3700) SCS=15kHz DFT\_QAM16 BW=40MHz Channel=645332 RB=216@0



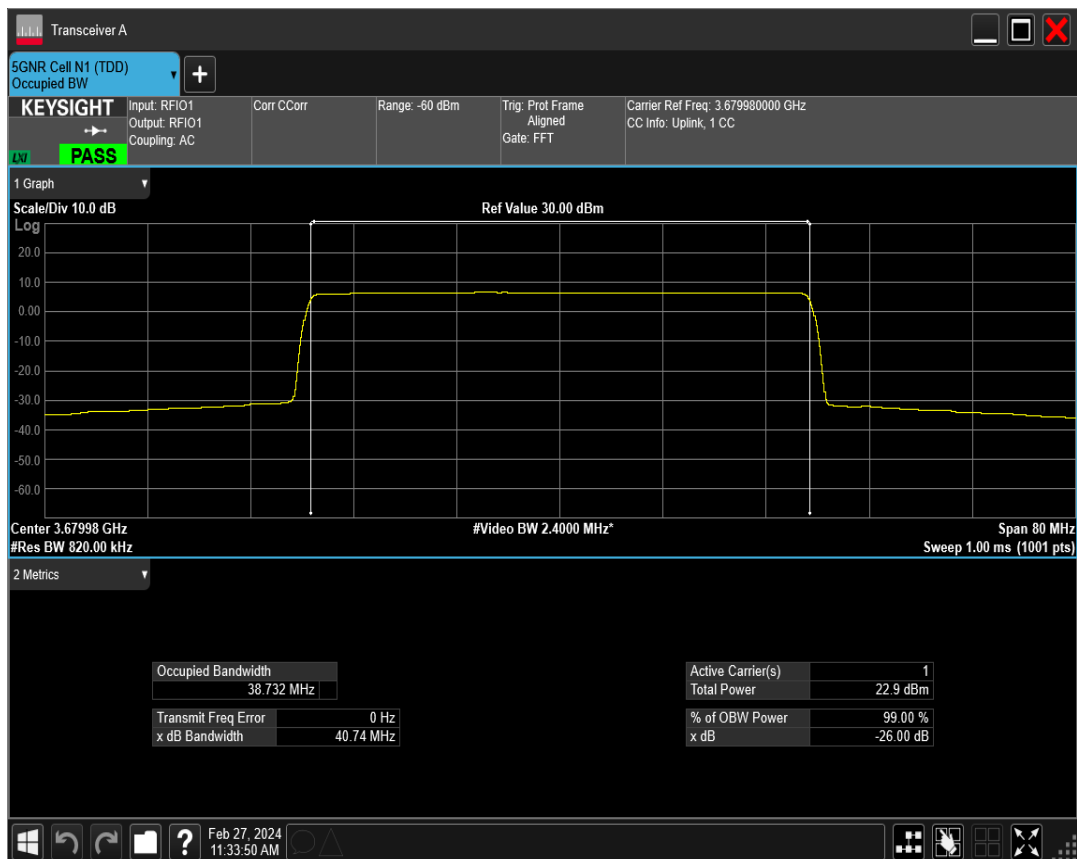
n77(3550-3700) SCS=15kHz DFT\_QAM64 BW=40MHz Channel=645332 RB=216@0



n77(3550-3700) SCS=15kHz DFT\_QAM256 BW=40MHz Channel=645332 RB=216@0



n77(3550-3700) SCS=15kHz CP\_QPSK BW=40MHz Channel=645332 RB=216@0



n77(3550-3700) SCS=15kHz DFT\_BPSK BW=50MHz Channel=638334 RB=270@0



n77(3550-3700) SCS=15kHz DFT\_QPSK BW=50MHz Channel=638334 RB=270@0



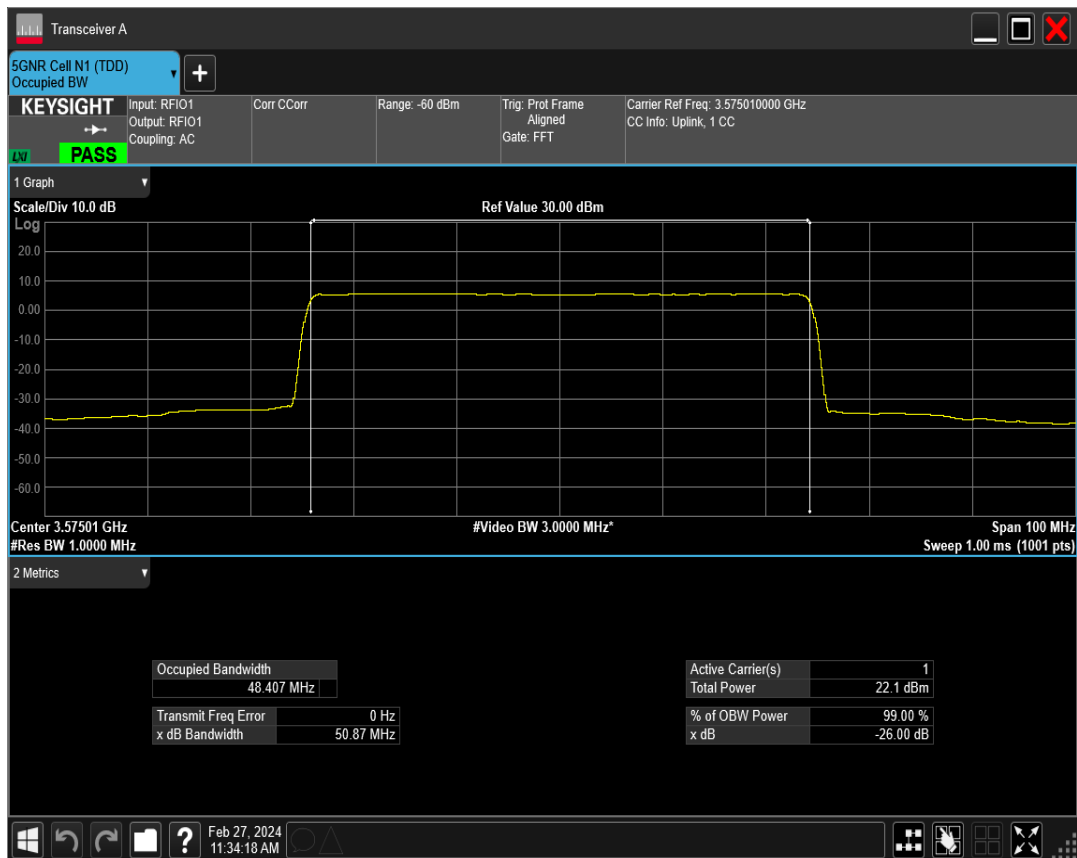
n77(3550-3700) SCS=15kHz DFT\_QAM16 BW=50MHz Channel=638334 RB=270@0



n77(3550-3700) SCS=15kHz DFT\_QAM64 BW=50MHz Channel=638334 RB=270@0



n77(3550-3700) SCS=15kHz DFT\_QAM256 BW=50MHz Channel=638334 RB=270@0



n77(3550-3700) SCS=15kHz CP\_QPSK BW=50MHz Channel=638334 RB=270@0



n77(3550-3700) SCS=15kHz DFT\_BPSK BW=50MHz Channel=641666 RB=270@0



n77(3550-3700) SCS=15kHz DFT\_QPSK BW=50MHz Channel=641666 RB=270@0



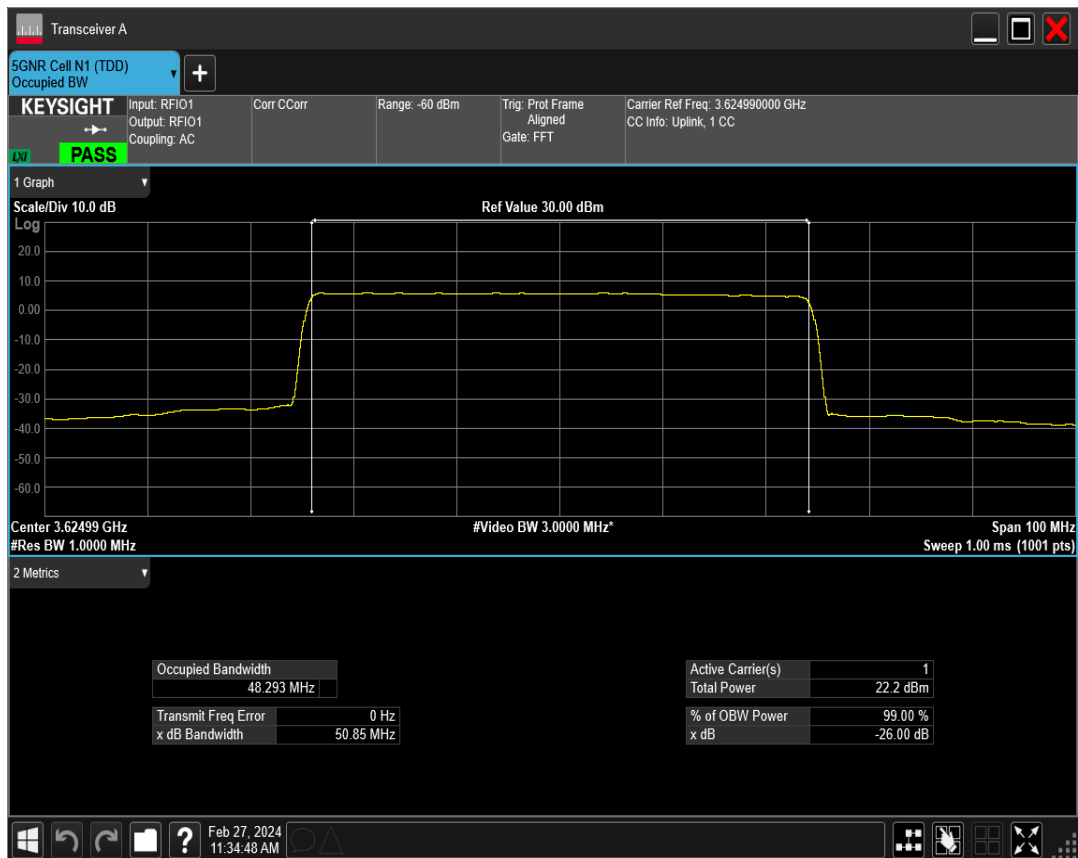
n77(3550-3700) SCS=15kHz DFT\_QAM16 BW=50MHz Channel=641666 RB=270@0



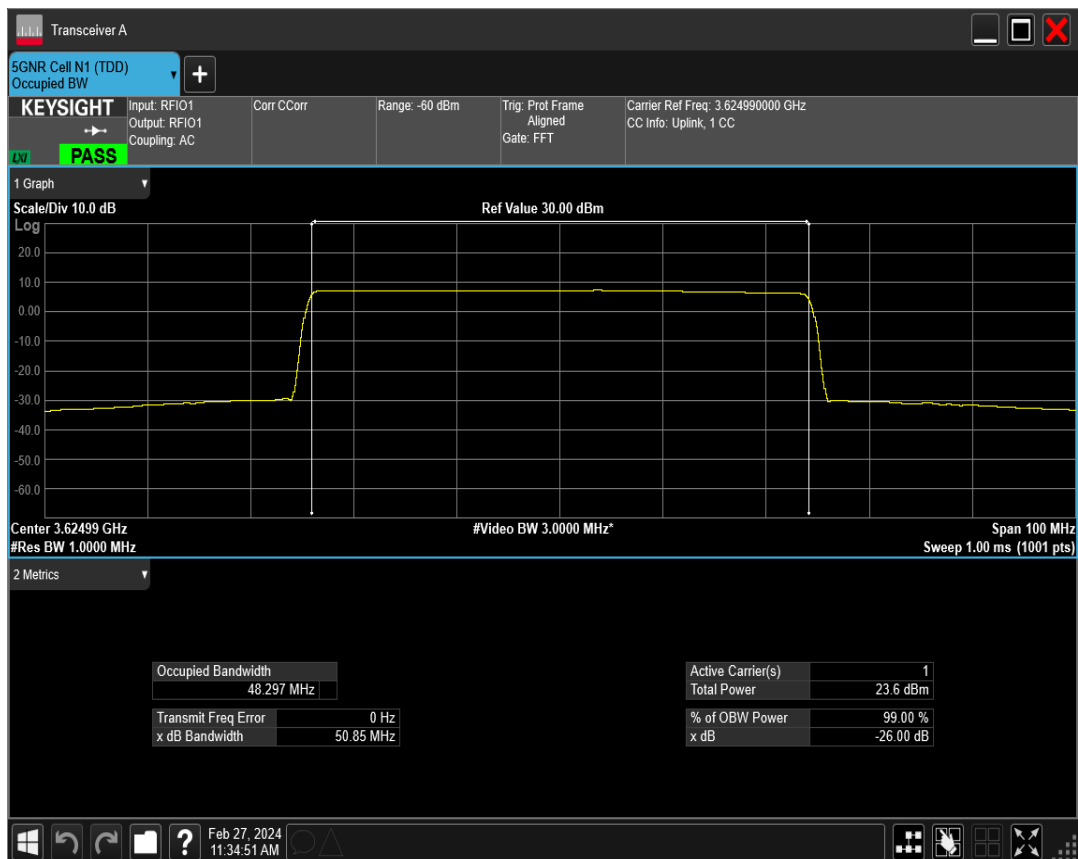
n77(3550-3700) SCS=15kHz DFT\_QAM64 BW=50MHz Channel=641666 RB=270@0



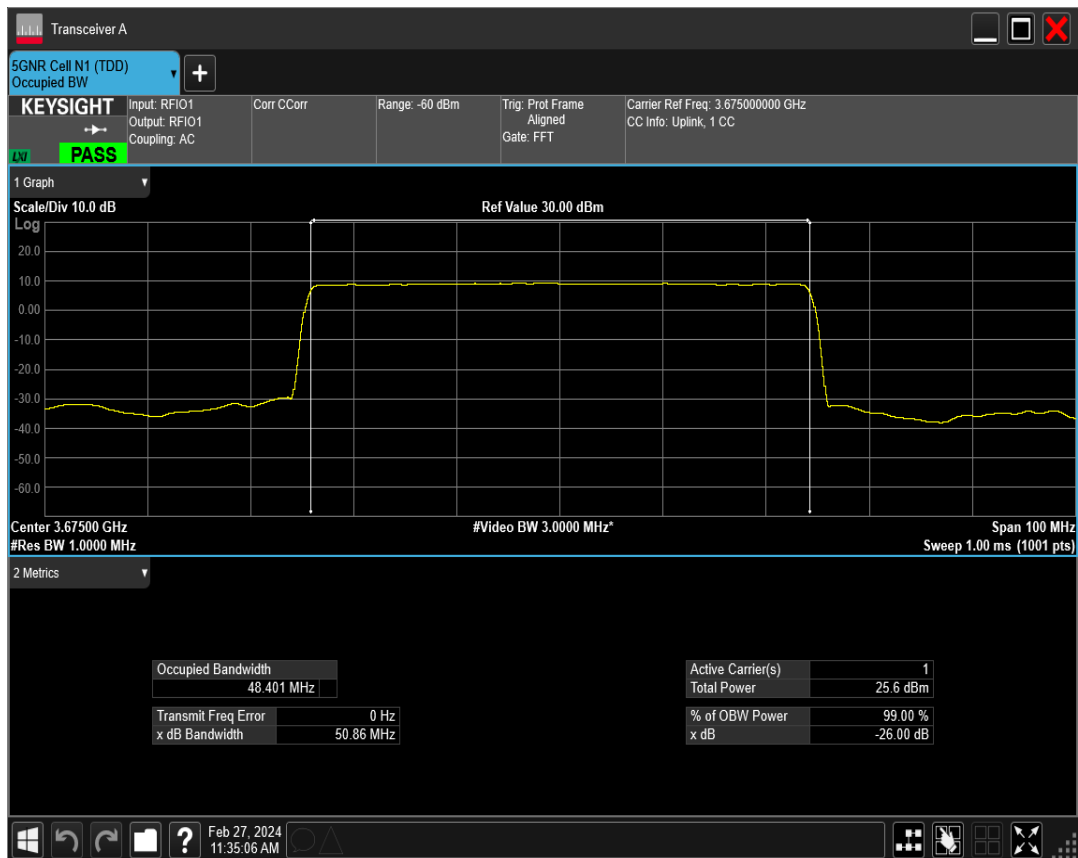
n77(3550-3700) SCS=15kHz DFT\_QAM256 BW=50MHz Channel=641666 RB=270@0



n77(3550-3700) SCS=15kHz CP\_QPSK BW=50MHz Channel=641666 RB=270@0



n77(3550-3700) SCS=15kHz DFT\_BPSK BW=50MHz Channel=645000 RB=270@0



n77(3550-3700) SCS=15kHz DFT\_QPSK BW=50MHz Channel=645000 RB=270@0



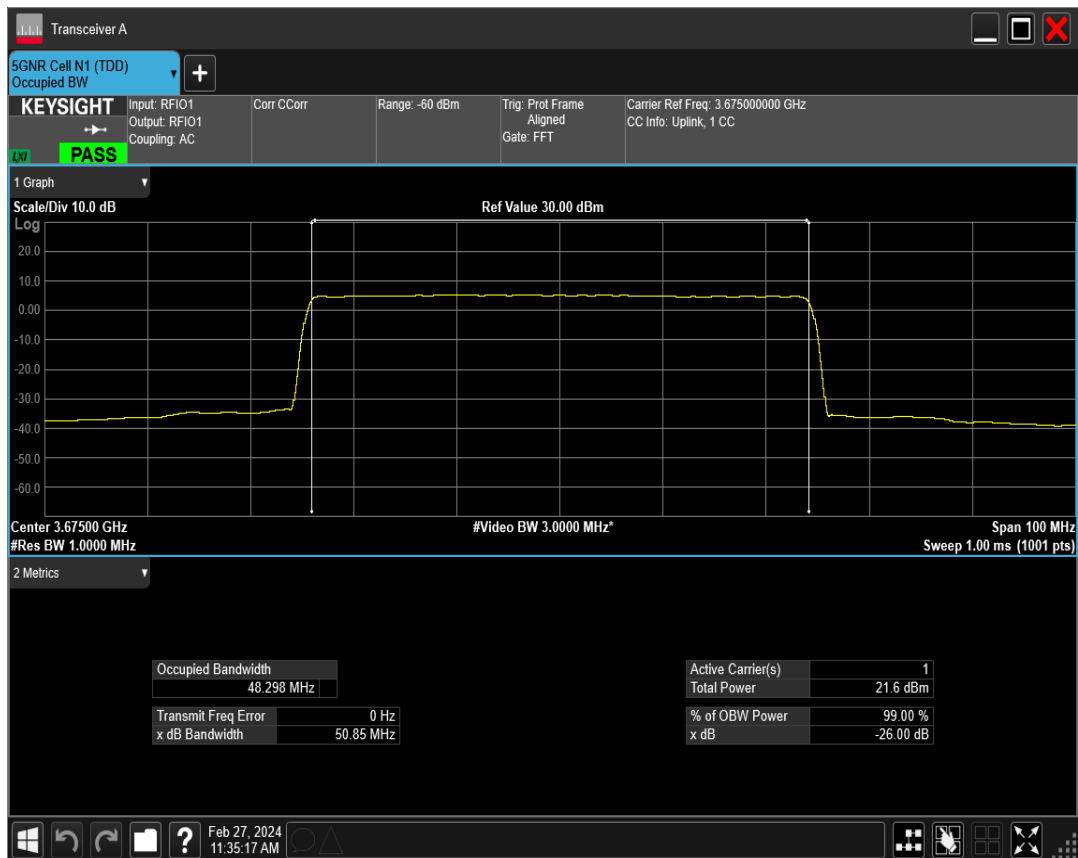
n77(3550-3700) SCS=15kHz DFT\_QAM16 BW=50MHz Channel=645000 RB=270@0



n77(3550-3700) SCS=15kHz DFT\_QAM64 BW=50MHz Channel=645000 RB=270@0



n77(3550-3700) SCS=15kHz DFT\_QAM256 BW=50MHz Channel=645000 RB=270@0



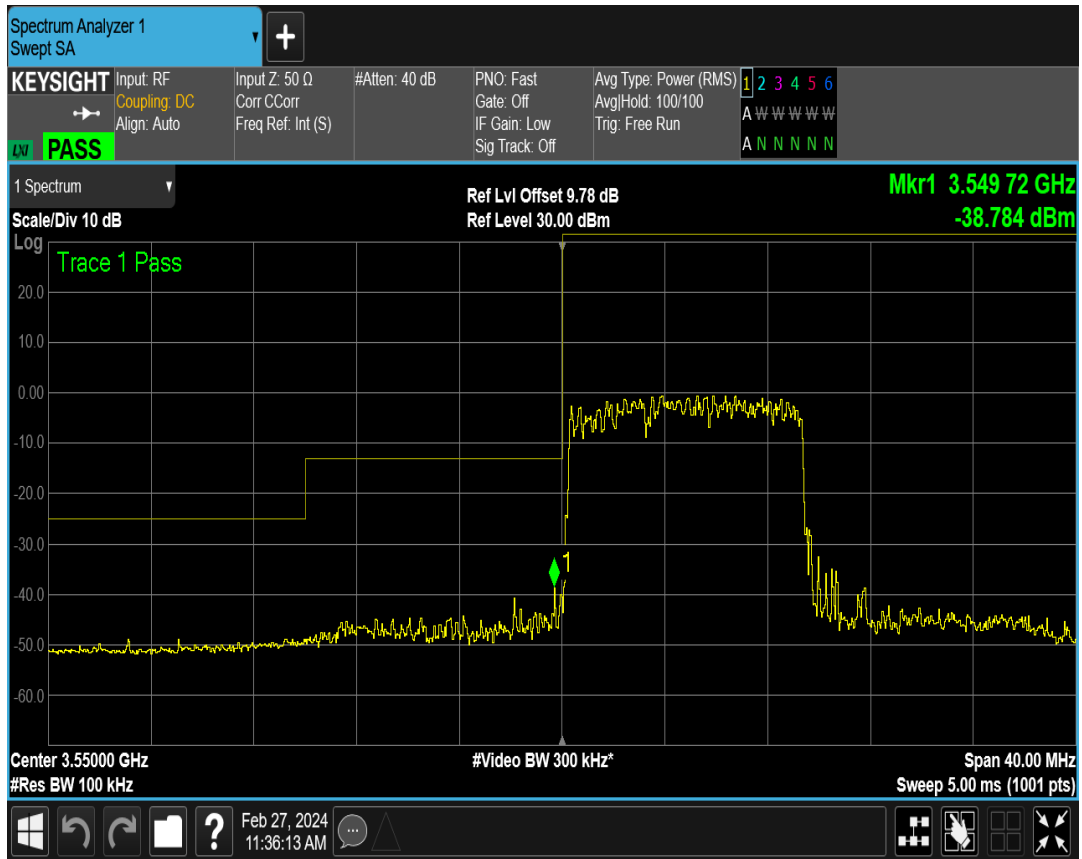
n77(3550-3700) SCS=15kHz CP\_QPSK BW=50MHz Channel=645000 RB=270@0



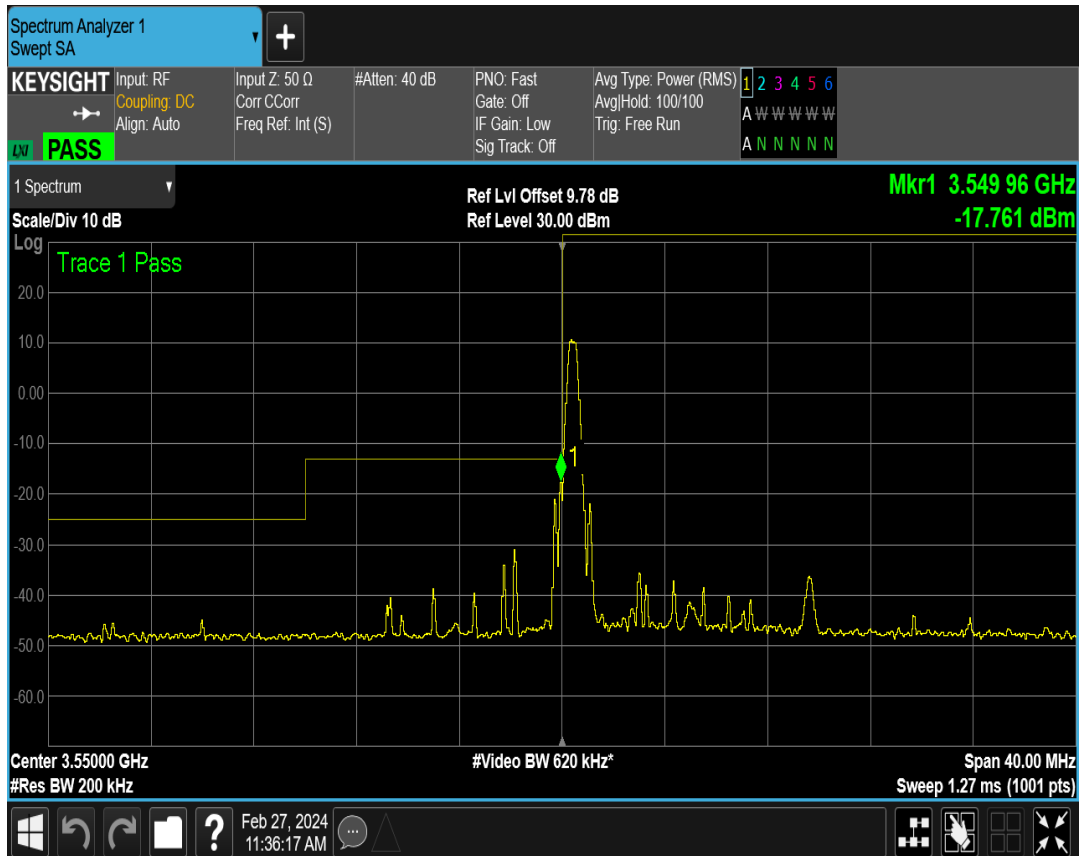
## 5 Band edge for NR FR1

| 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(3550-3700) | 15           | 10                 | 637000        | 50@0             | DFT_QPSK   | 3549.72            | -38.78              | -13            | PASS    |
| n77(3550-3700) | 15           | 10                 | 637000        | 1@0              | DFT_QPSK   | 3549.96            | -17.76              | -13            | PASS    |
| n77(3550-3700) | 15           | 10                 | 646332        | 50@0             | DFT_QPSK   | 3701.92            | -36.66              | -13            | PASS    |
| n77(3550-3700) | 15           | 10                 | 646332        | 1@51             | DFT_QPSK   | 3700.24            | -20.19              | -13            | PASS    |
| n77(3550-3700) | 15           | 50                 | 638334        | 270@0            | DFT_QPSK   | 3550.00            | -35.37              | -13            | PASS    |
| n77(3550-3700) | 15           | 50                 | 638334        | 1@0              | DFT_QPSK   | 3550.00            | -27.96              | -13            | PASS    |
| n77(3550-3700) | 15           | 50                 | 645000        | 270@0            | DFT_QPSK   | 3700.00            | -26.61              | -13            | PASS    |
| n77(3550-3700) | 15           | 50                 | 645000        | 1@269            | DFT_QPSK   | 3701.80            | -39.42              | -13            | PASS    |

n77(3550-3700) SCS=15kHz DFT\_QPSK BW=10MHz Channel=637000 RB=50@0



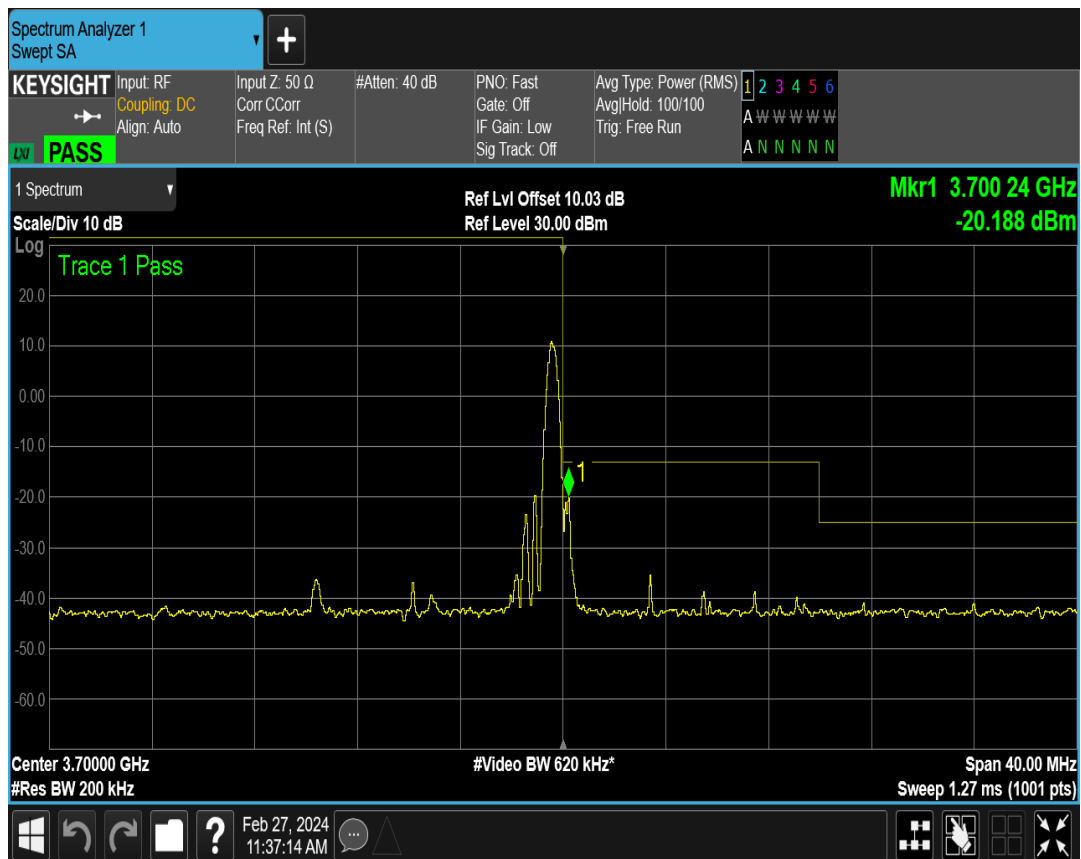
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=10MHz Channel=637000 RB=1@0



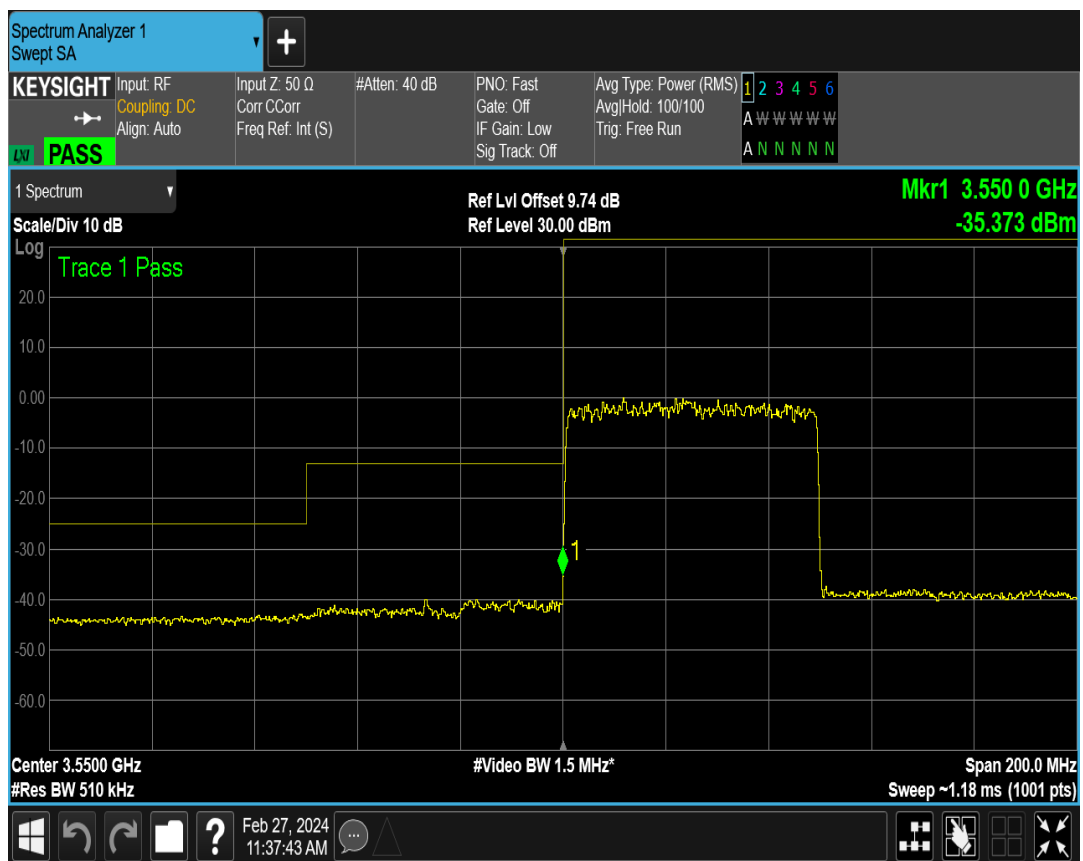
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=10MHz Channel=646332 RB=50@0



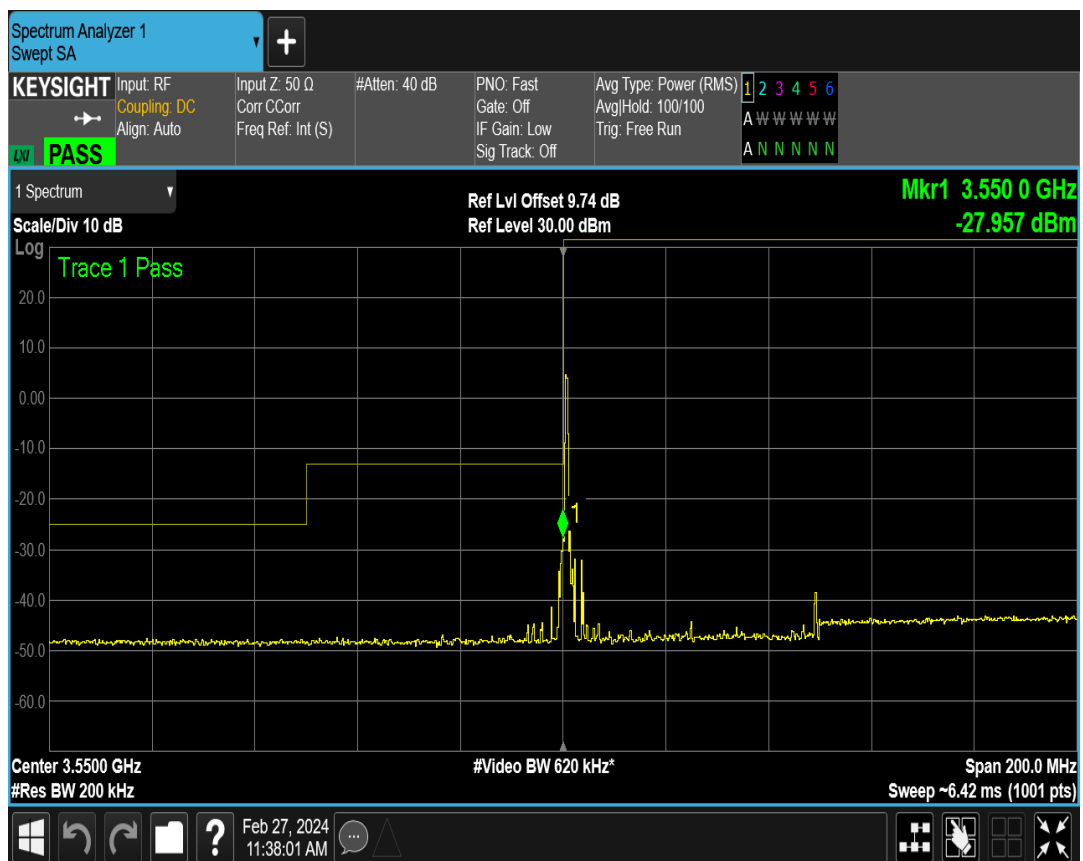
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=10MHz Channel=646332 RB=1@51



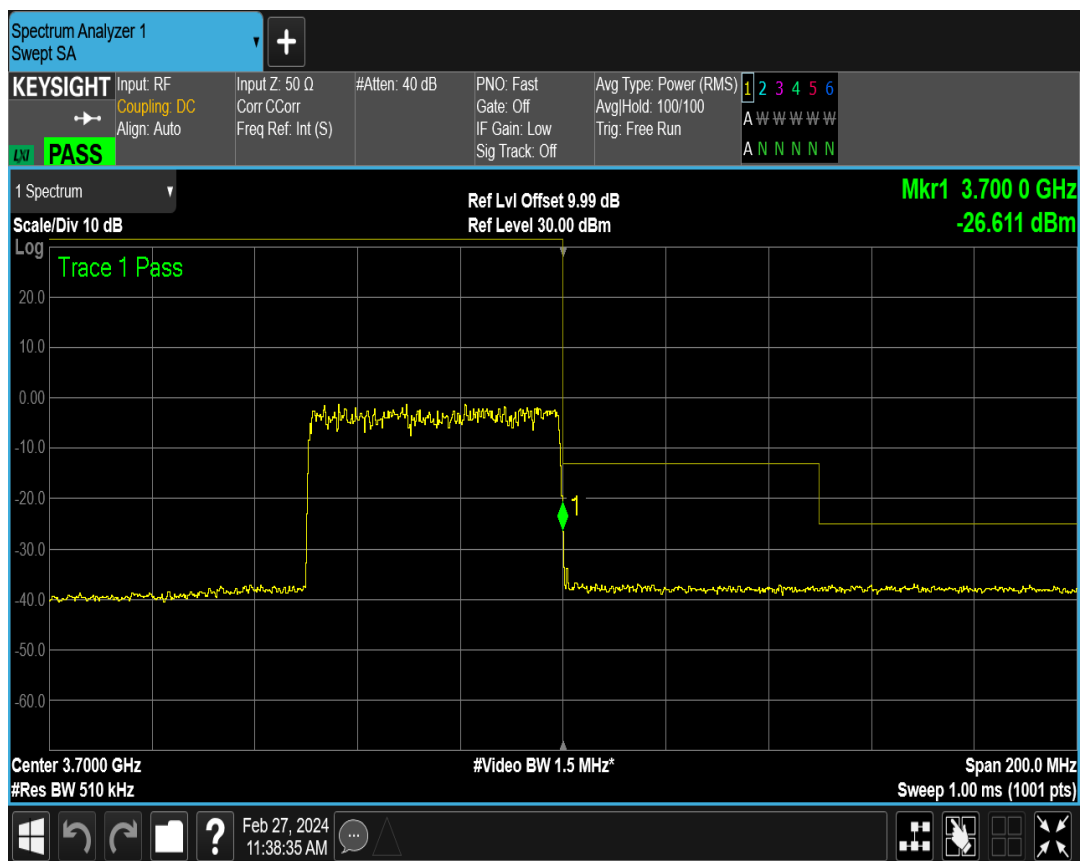
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=50MHz Channel=638334 RB=270@0



n77(3550-3700) SCS=15kHz DFT\_QPSK BW=50MHz Channel=638334 RB=1@0



n77(3550-3700) SCS=15kHz DFT\_QPSK BW=50MHz Channel=645000 RB=270@0



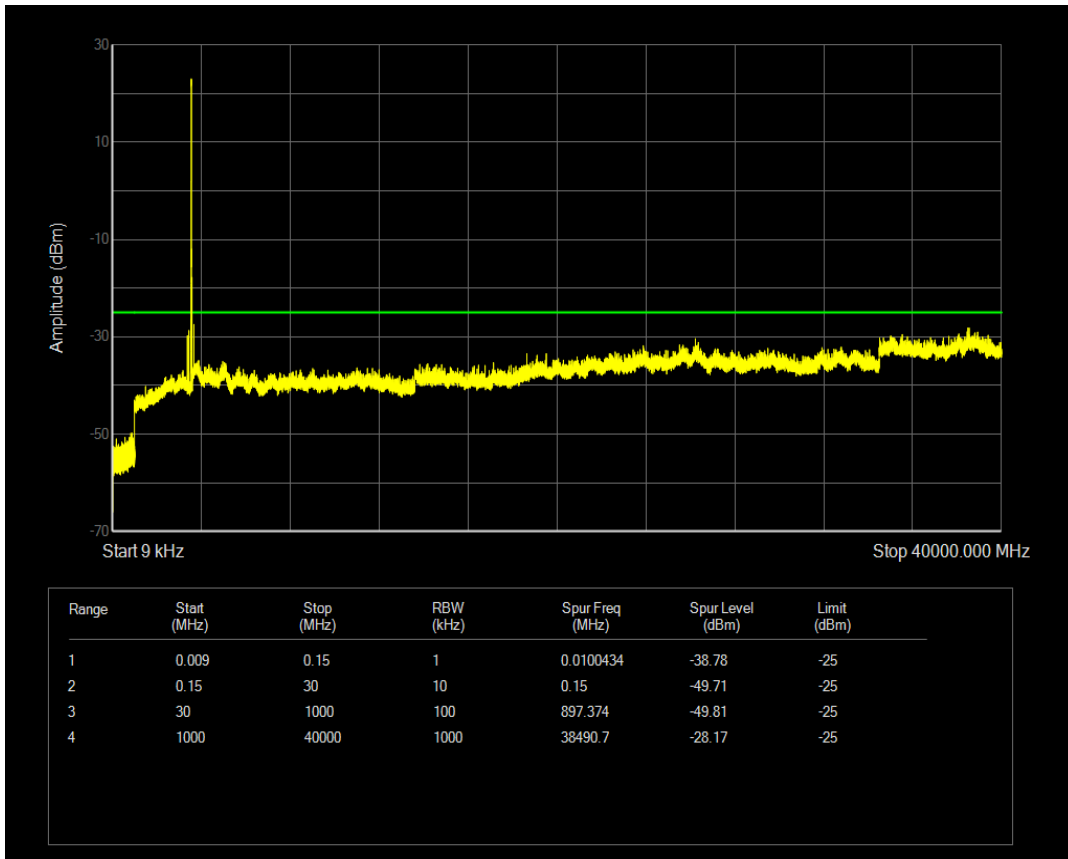
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=50MHz Channel=645000 RB=1@269



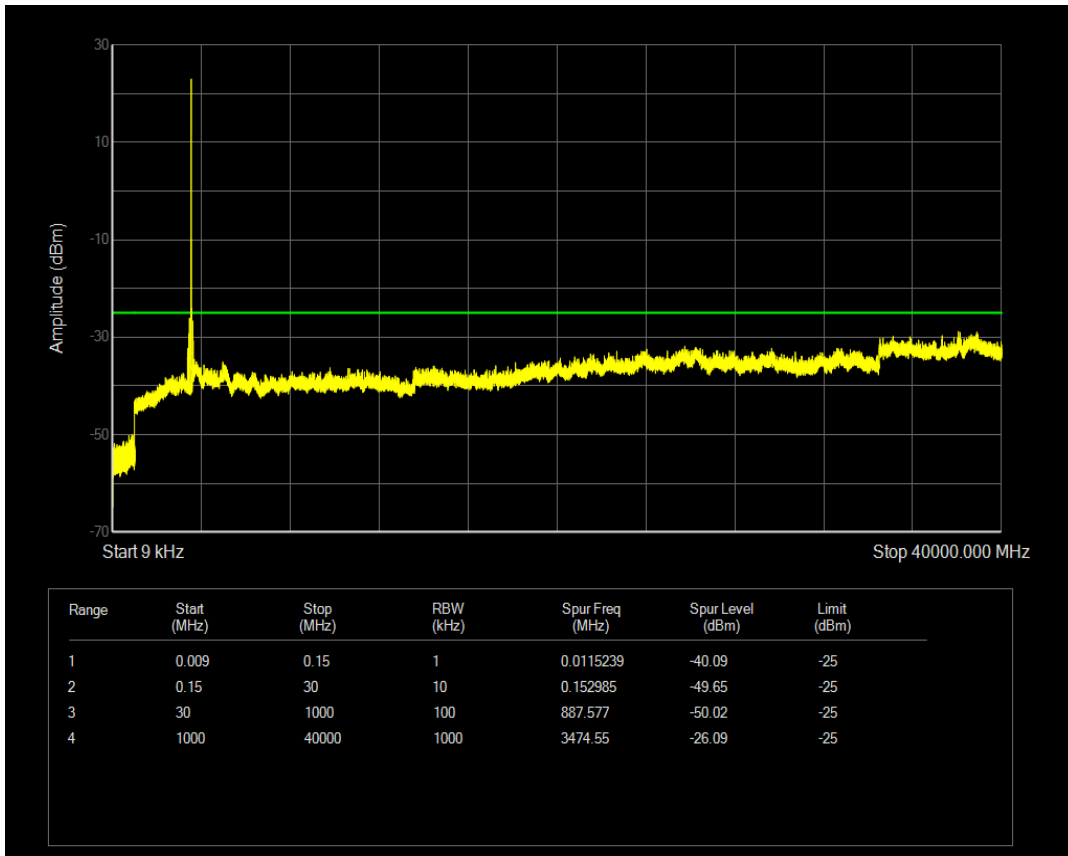
## 6 Out-of-band emissions for NR FR1

| 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(3550-3700) | 15           | 10                 | 637000        | 50@0             | DFT_QPSK   | 38490.7            | -28.17              | -25            | PASS    |
| n77(3550-3700) | 15           | 10                 | 637000        | 1@0              | DFT_QPSK   | 3474.55            | -26.09              | -25            | PASS    |
| n77(3550-3700) | 15           | 10                 | 637000        | 1@51             | DFT_QPSK   | 39471.55           | -29.18              | -25            | PASS    |
| n77(3550-3700) | 15           | 10                 | 641666        | 50@0             | DFT_QPSK   | 35189.35           | -28.9               | -25            | PASS    |
| n77(3550-3700) | 15           | 10                 | 641666        | 1@0              | DFT_QPSK   | 38629.15           | -28.45              | -25            | PASS    |
| n77(3550-3700) | 15           | 10                 | 641666        | 1@51             | DFT_QPSK   | 38861.2            | -28.75              | -25            | PASS    |
| n77(3550-3700) | 15           | 10                 | 646332        | 50@0             | DFT_QPSK   | 3784.6             | -27.88              | -25            | PASS    |
| n77(3550-3700) | 15           | 10                 | 646332        | 1@0              | DFT_QPSK   | 38693.5            | -29.04              | -25            | PASS    |
| n77(3550-3700) | 15           | 10                 | 646332        | 1@51             | DFT_QPSK   | 39108.85           | -28.92              | -25            | PASS    |
| n77(3550-3700) | 15           | 50                 | 638334        | 270@0            | DFT_QPSK   | 38878.75           | -28.83              | -25            | PASS    |
| n77(3550-3700) | 15           | 50                 | 638334        | 1@0              | DFT_QPSK   | 38516.05           | -28.94              | -25            | PASS    |
| n77(3550-3700) | 15           | 50                 | 638334        | 1@269            | DFT_QPSK   | 35199.1            | -29.12              | -25            | PASS    |
| n77(3550-3700) | 15           | 50                 | 641666        | 270@0            | DFT_QPSK   | 38709.1            | -28.89              | -25            | PASS    |
| n77(3550-3700) | 15           | 50                 | 641666        | 1@0              | DFT_QPSK   | 38720.8            | -28.67              | -25            | PASS    |
| n77(3550-3700) | 15           | 50                 | 641666        | 1@269            | DFT_QPSK   | 38580.4            | -28.6               | -25            | PASS    |
| n77(3550-3700) | 15           | 50                 | 645000        | 270@0            | DFT_QPSK   | 37839.4            | -28.89              | -25            | PASS    |
| n77(3550-3700) | 15           | 50                 | 645000        | 1@0              | DFT_QPSK   | 38675.95           | -28.09              | -25            | PASS    |
| n77(3550-3700) | 15           | 50                 | 645000        | 1@269            | DFT_QPSK   | 38557              | -28.05              | -25            | PASS    |

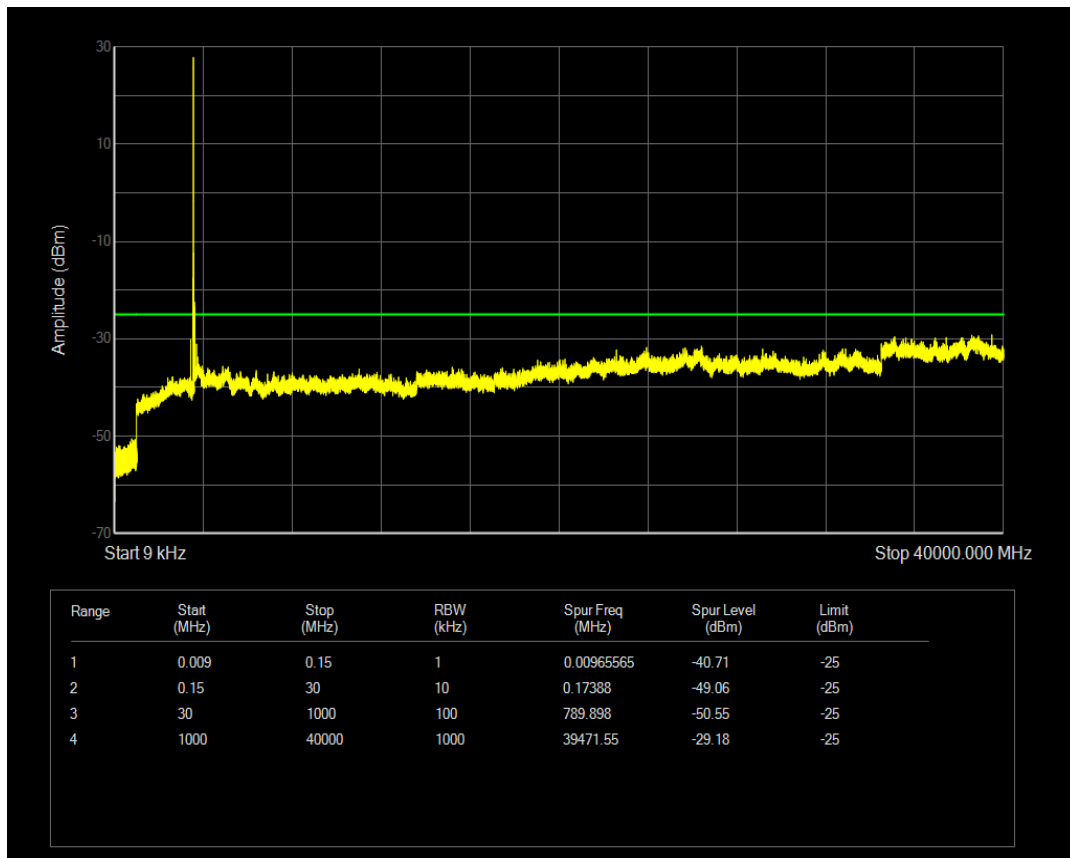
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=10MHz Channel=637000 RB=50@0



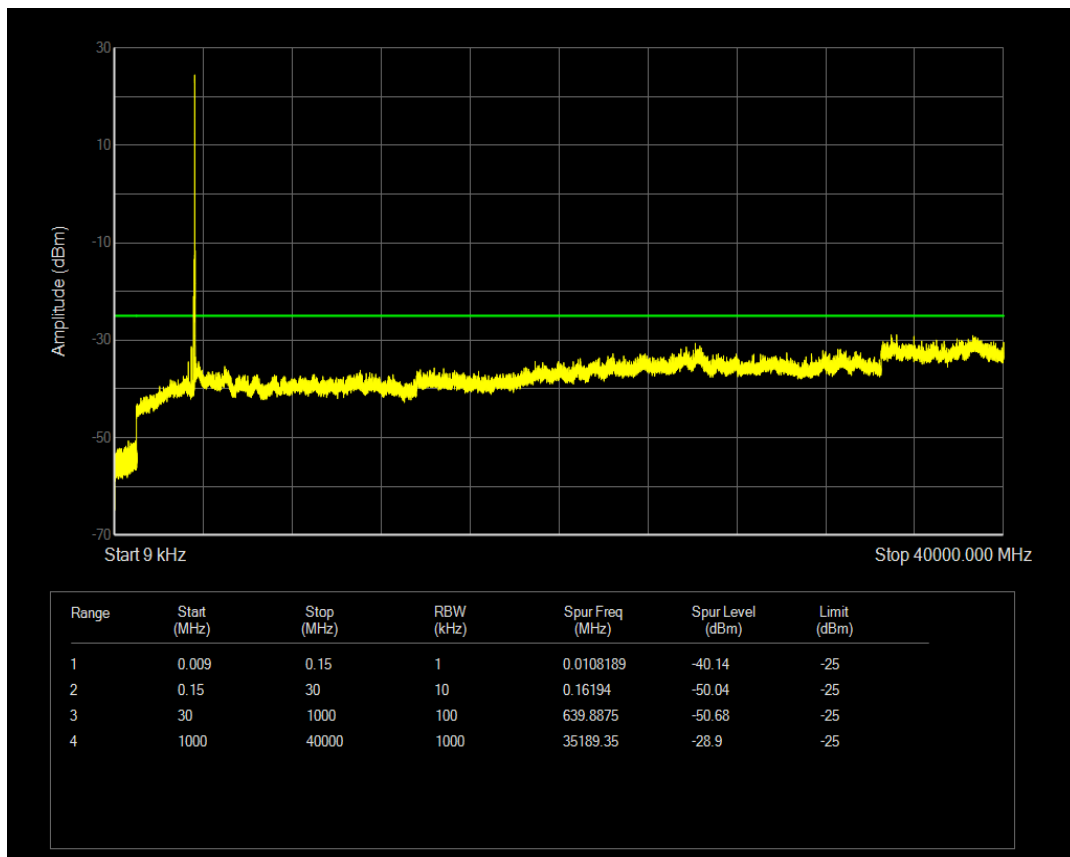
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=10MHz Channel=637000 RB=1@0



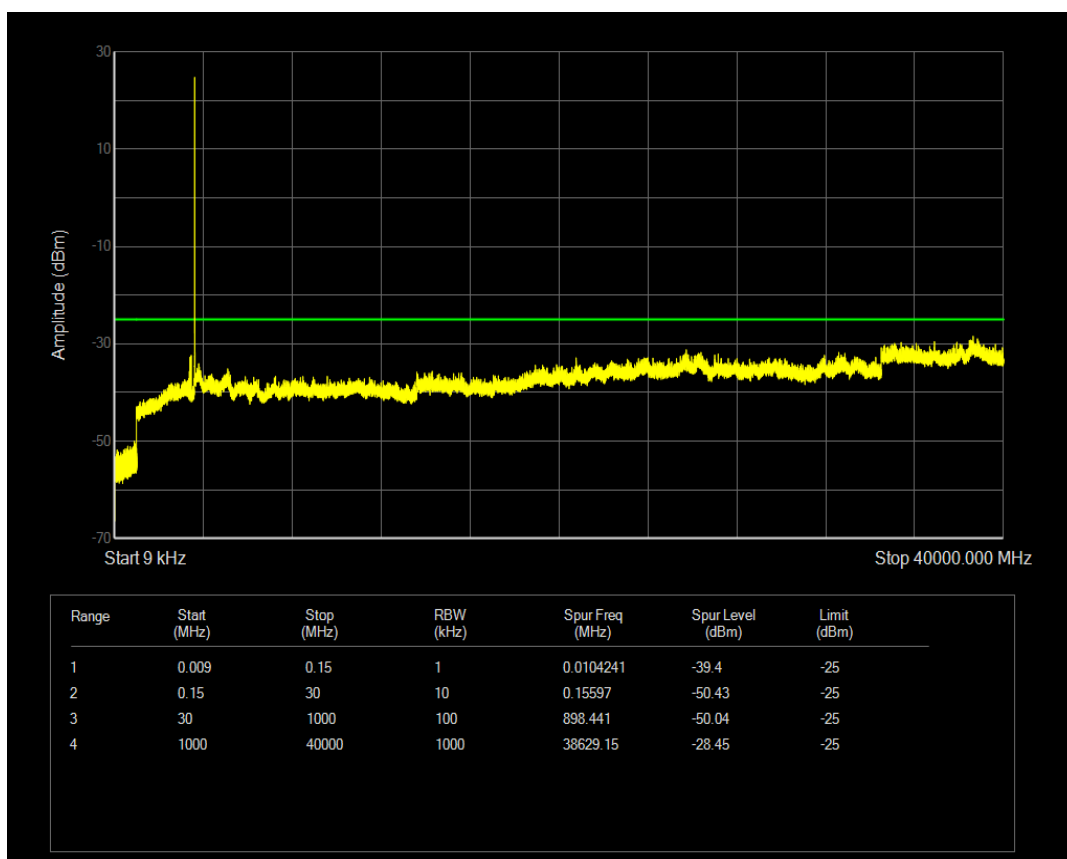
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=10MHz Channel=637000 RB=1@51



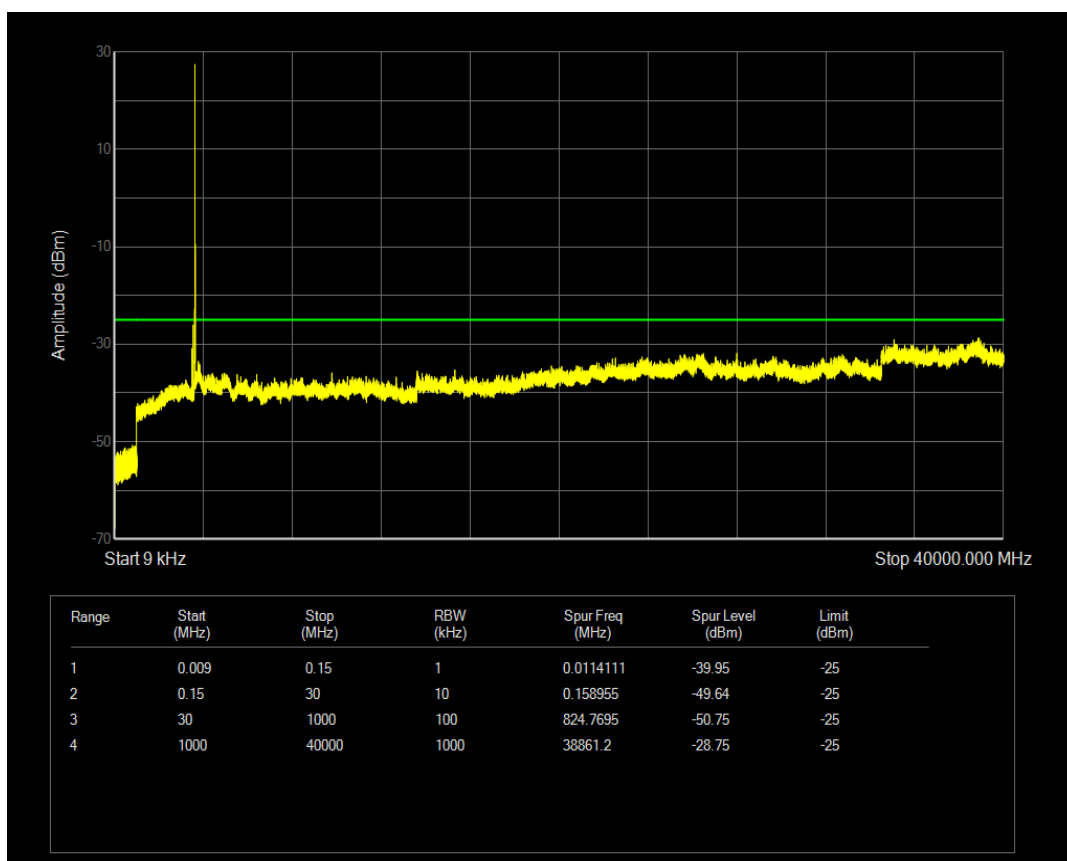
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=10MHz Channel=641666 RB=50@0



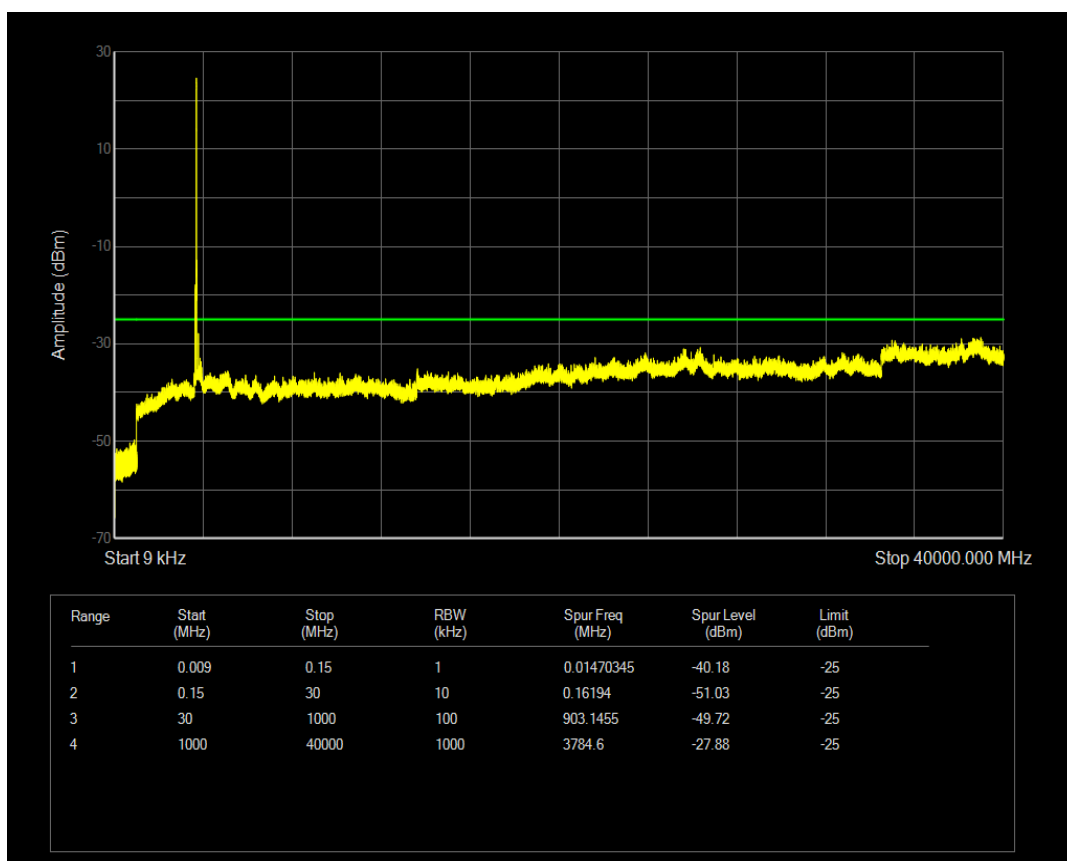
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=10MHz Channel=641666 RB=1@0



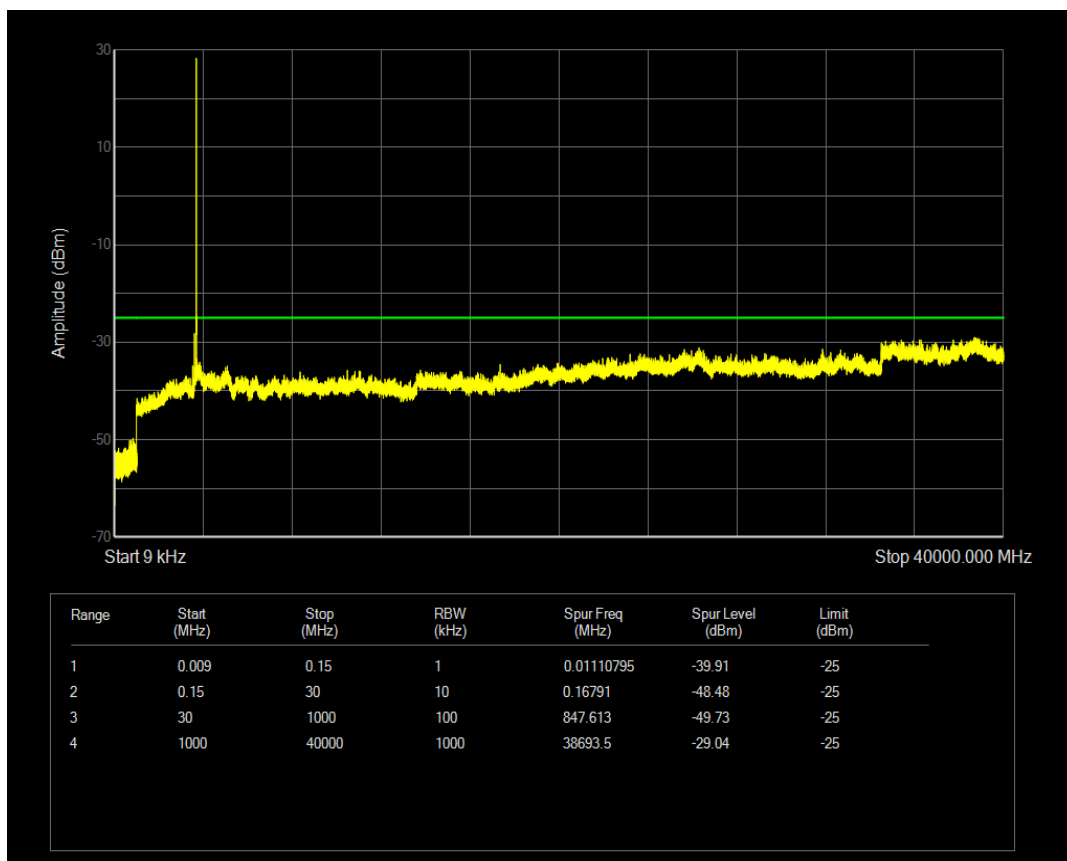
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=10MHz Channel=641666 RB=1@51



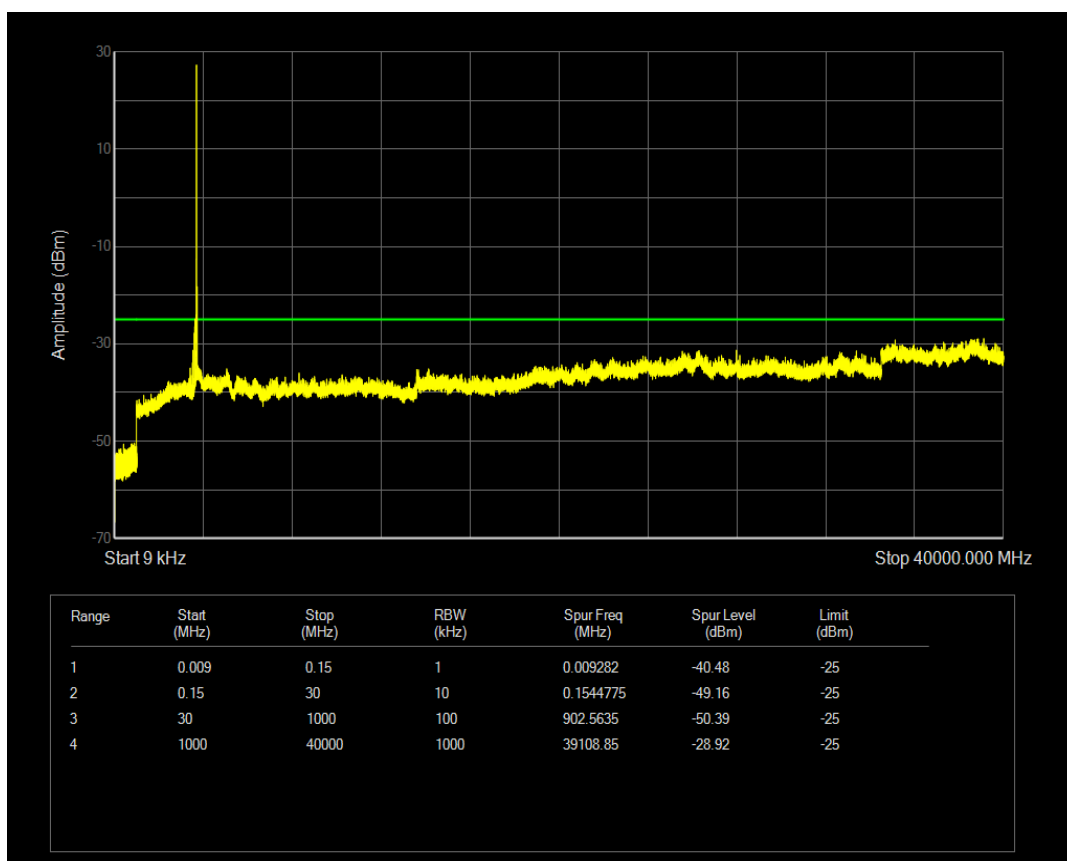
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=10MHz Channel=646332 RB=50@0



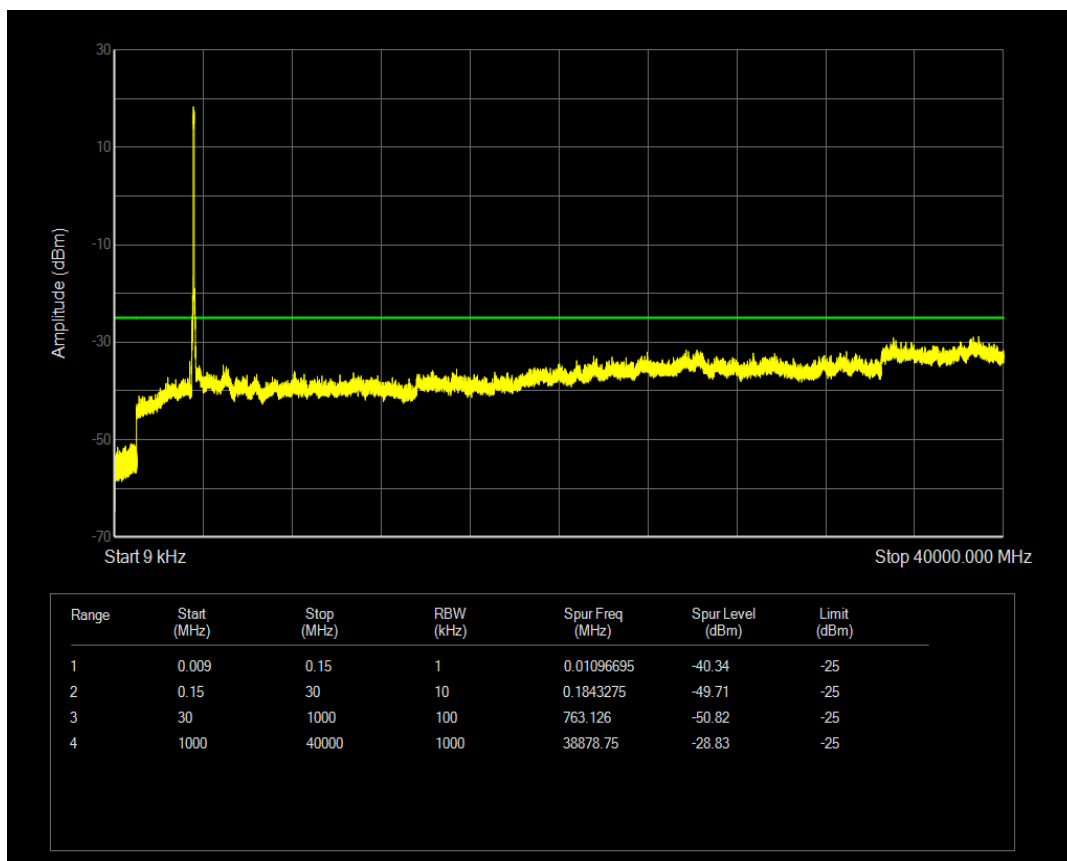
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=10MHz Channel=646332 RB=1@0



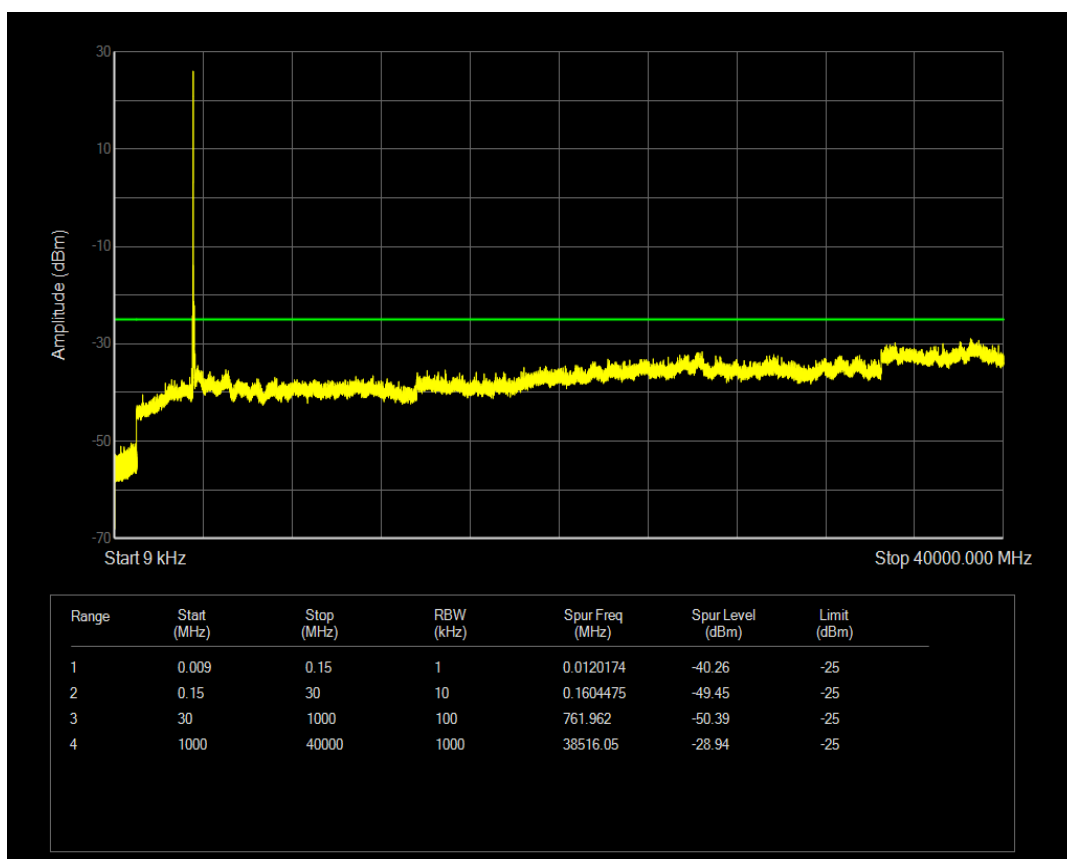
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=10MHz Channel=646332 RB=1@51



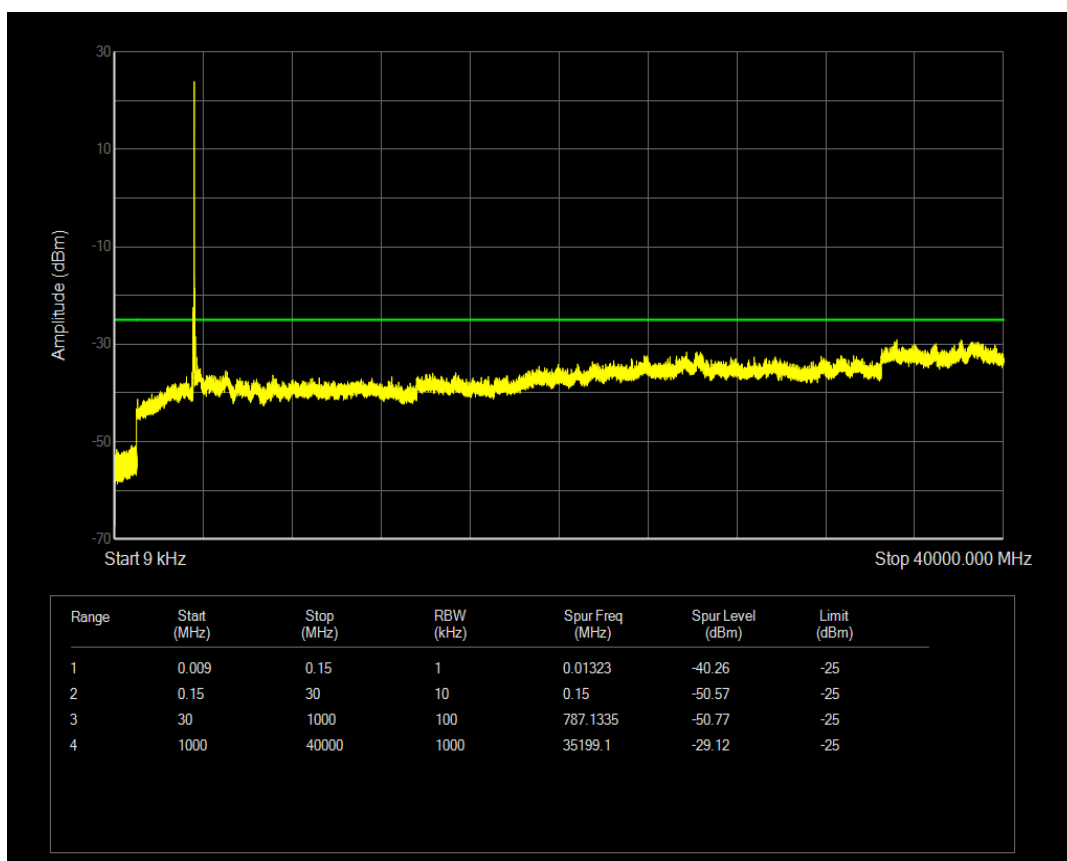
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=50MHz Channel=638334 RB=270@0



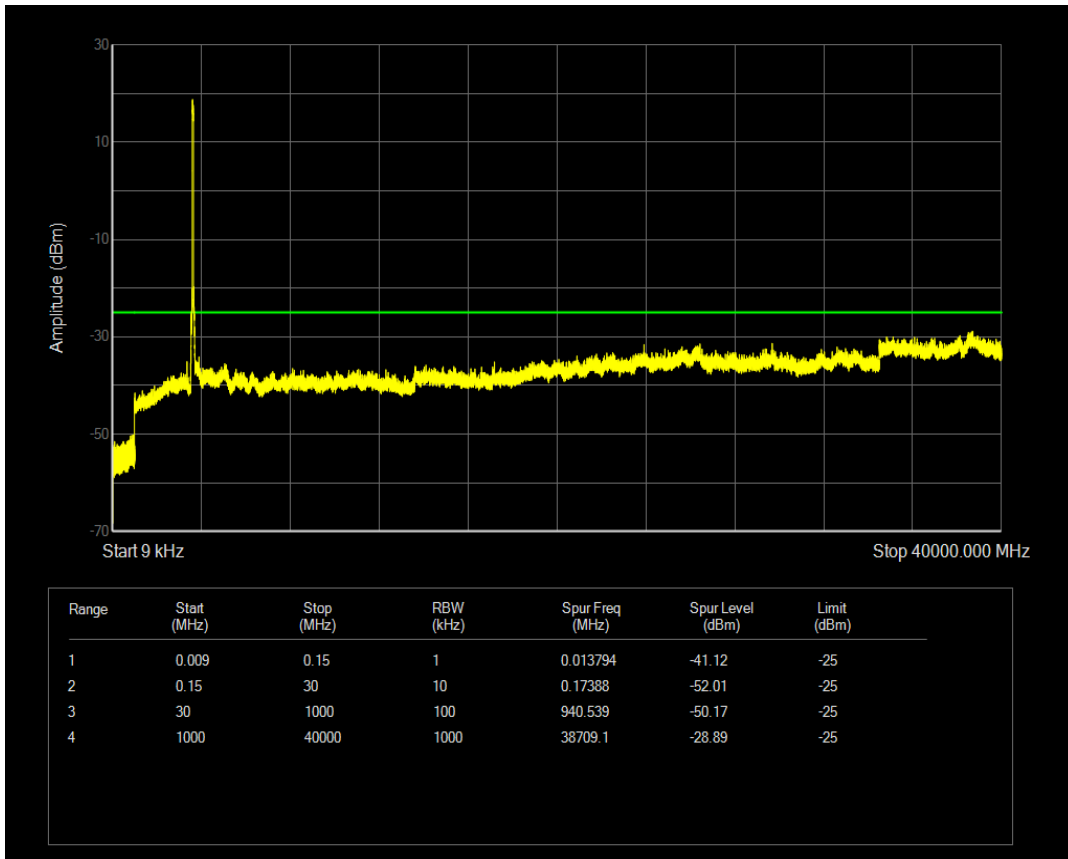
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=50MHz Channel=638334 RB=1@0



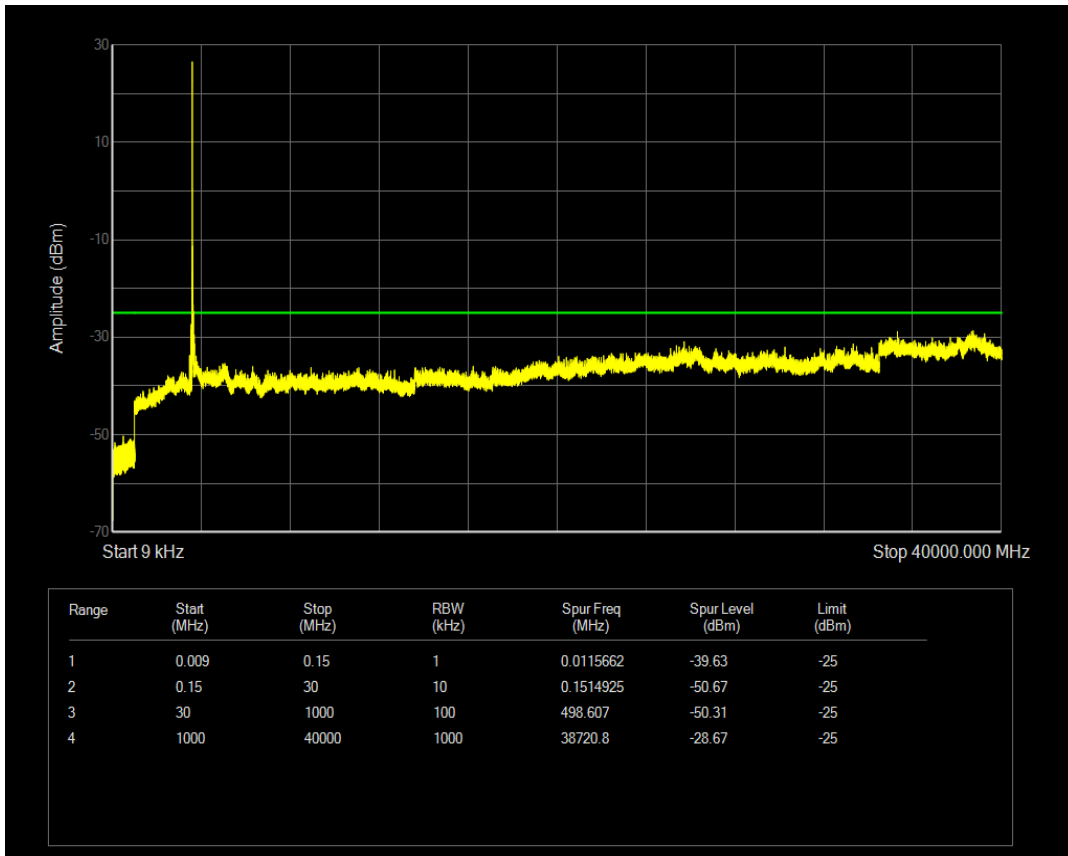
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=50MHz Channel=638334 RB=1@269



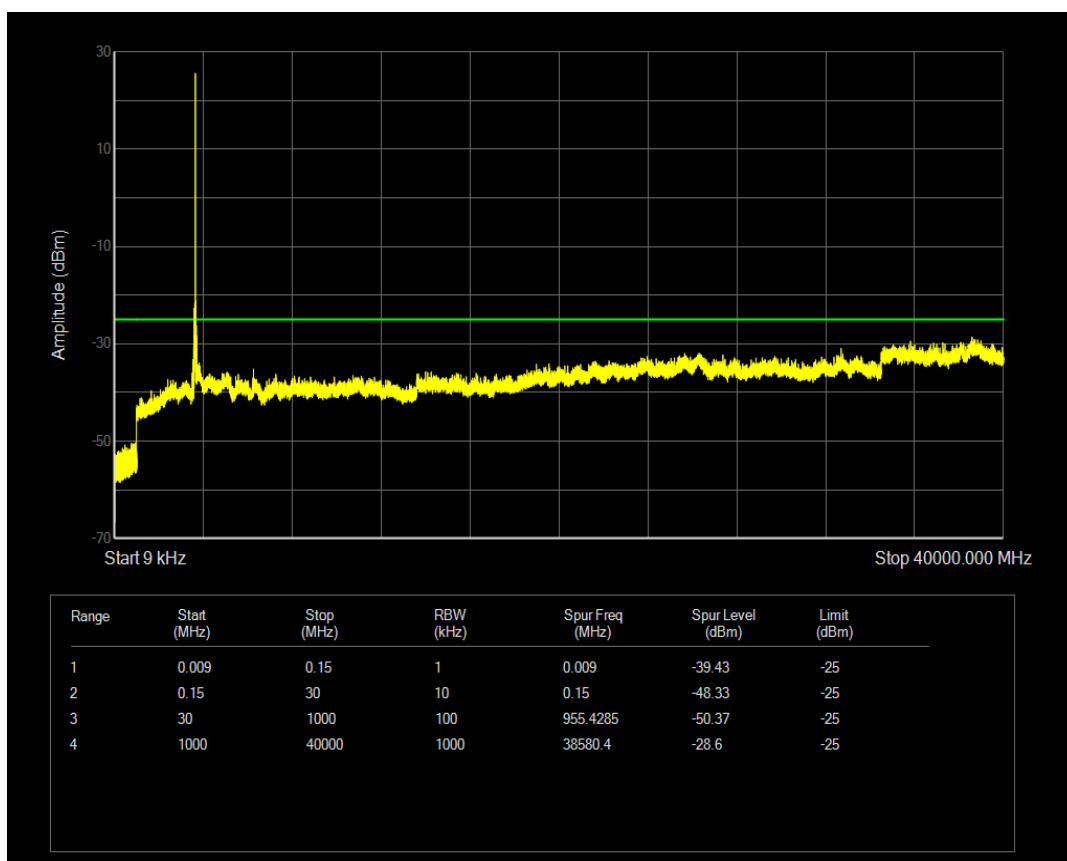
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=50MHz Channel=641666 RB=270@0



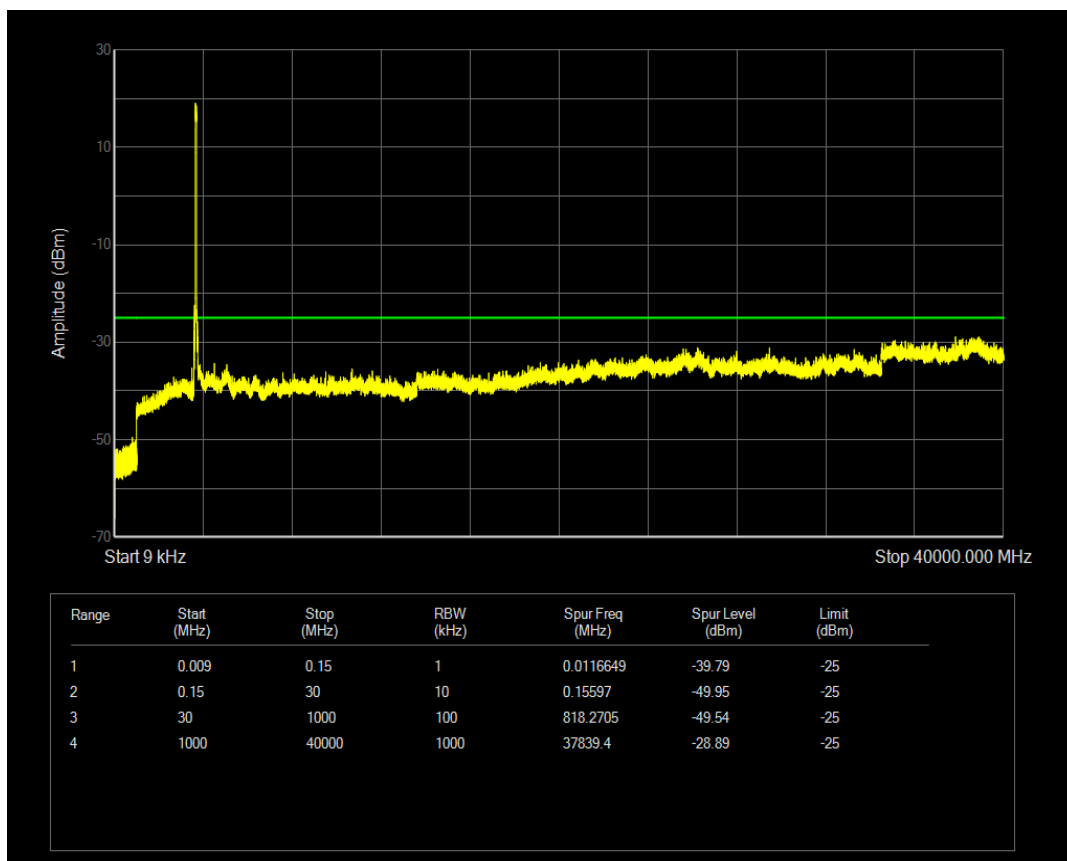
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=50MHz Channel=641666 RB=1@0



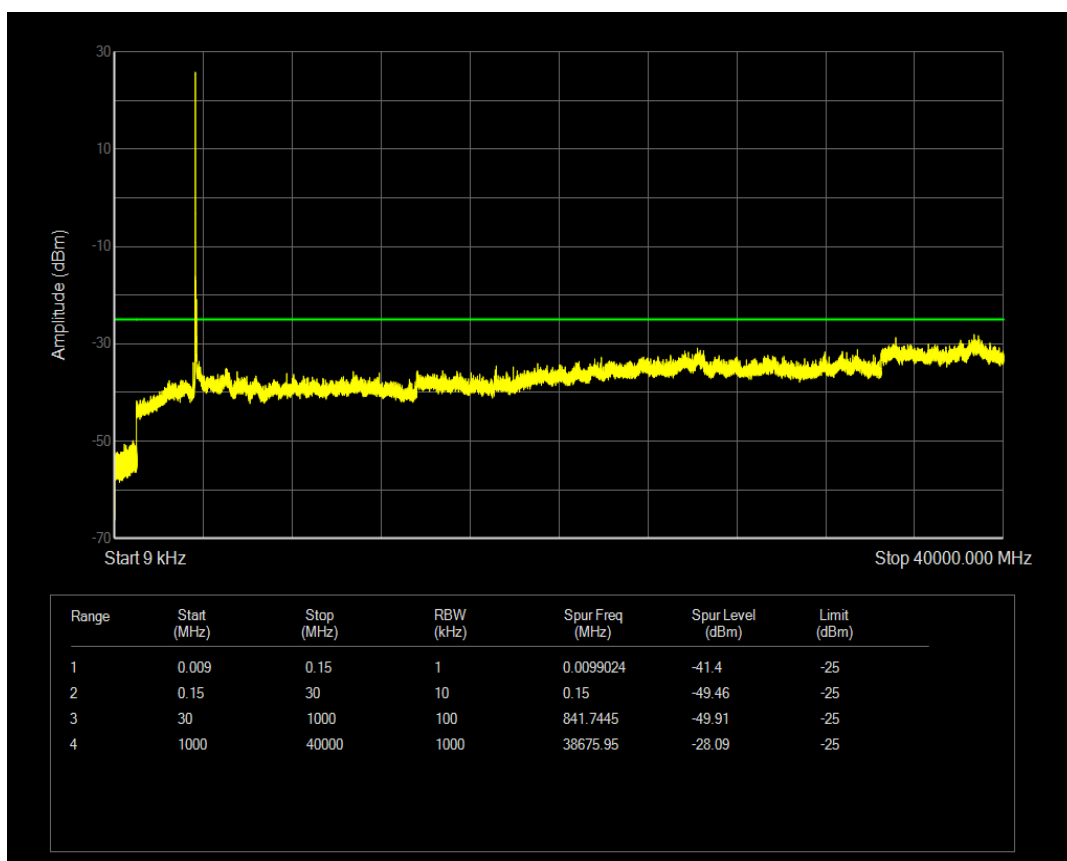
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=50MHz Channel=641666 RB=1@269



n77(3550-3700) SCS=15kHz DFT\_QPSK BW=50MHz Channel=645000 RB=270@0



n77(3550-3700) SCS=15kHz DFT\_QPSK BW=50MHz Channel=645000 RB=1@0



n77(3550-3700) SCS=15kHz DFT\_QPSK BW=50MHz Channel=645000 RB=1@269

