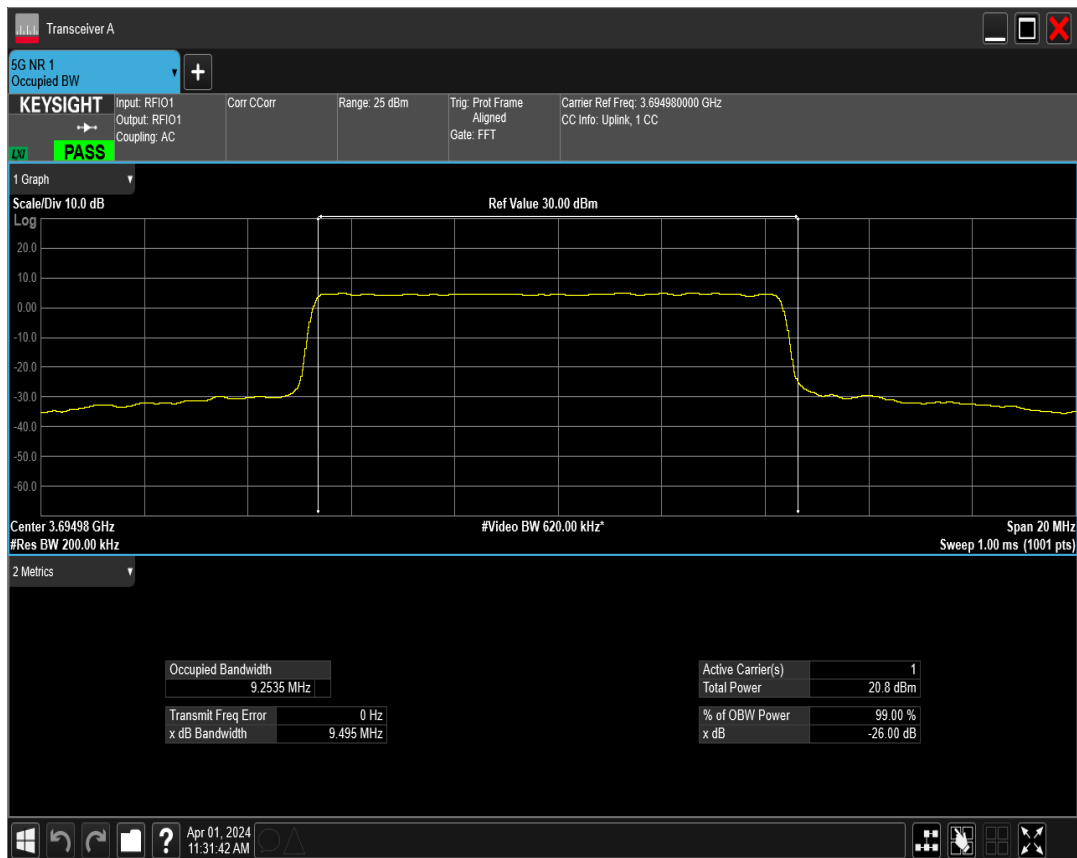
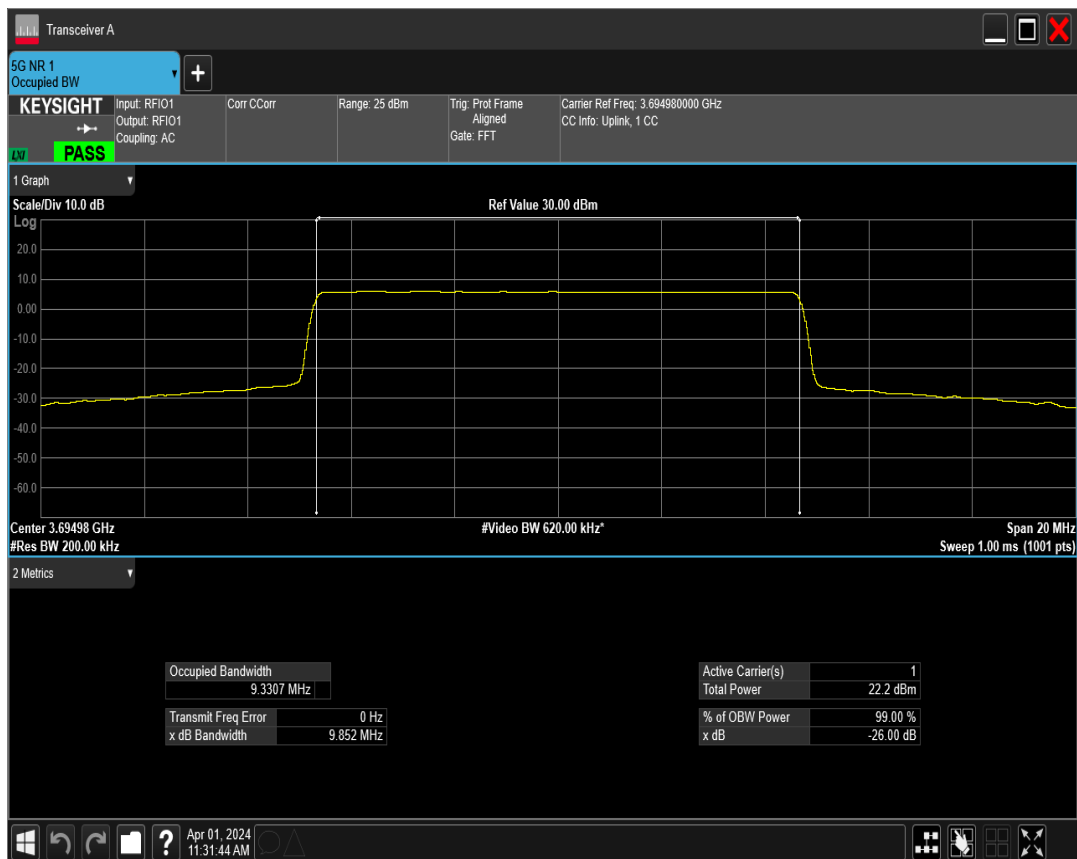


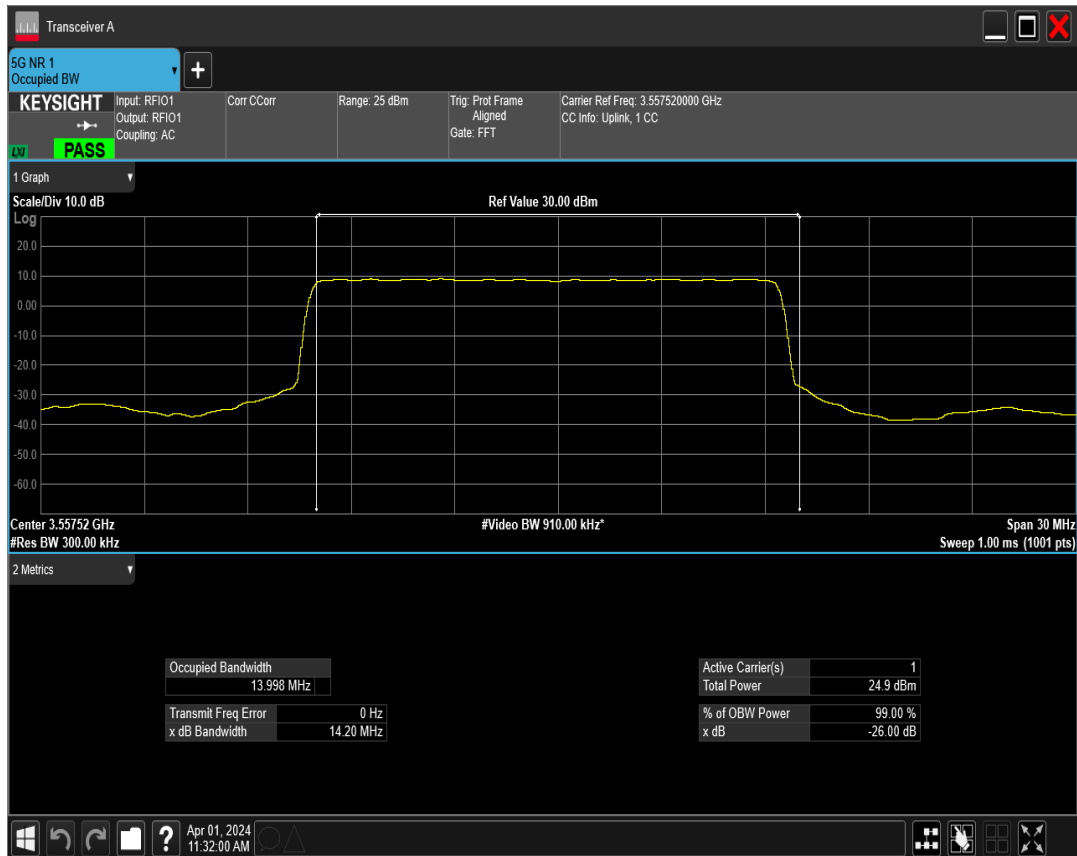
n77(3550-3700) SCS=15kHz DFT\_QAM256 BW=10MHz Channel=646332 RB=50@0



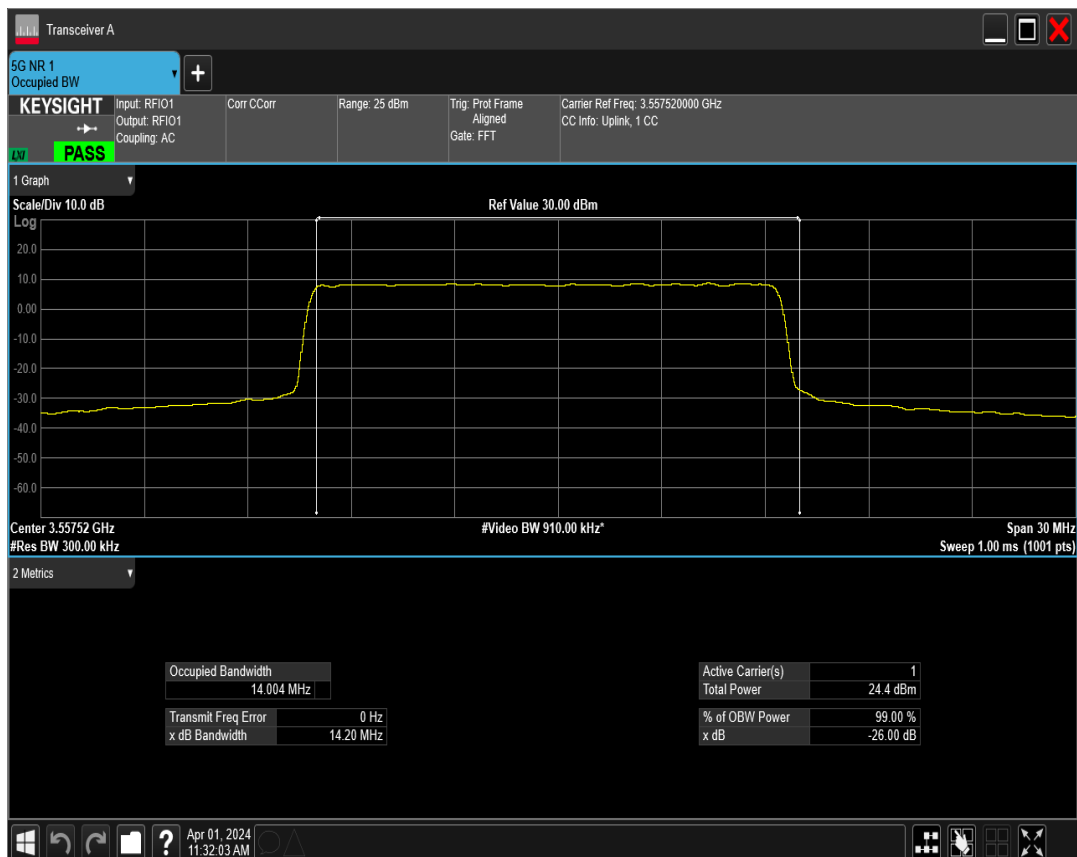
n77(3550-3700) SCS=15kHz CP\_QPSK BW=10MHz Channel=646332 RB=52@0



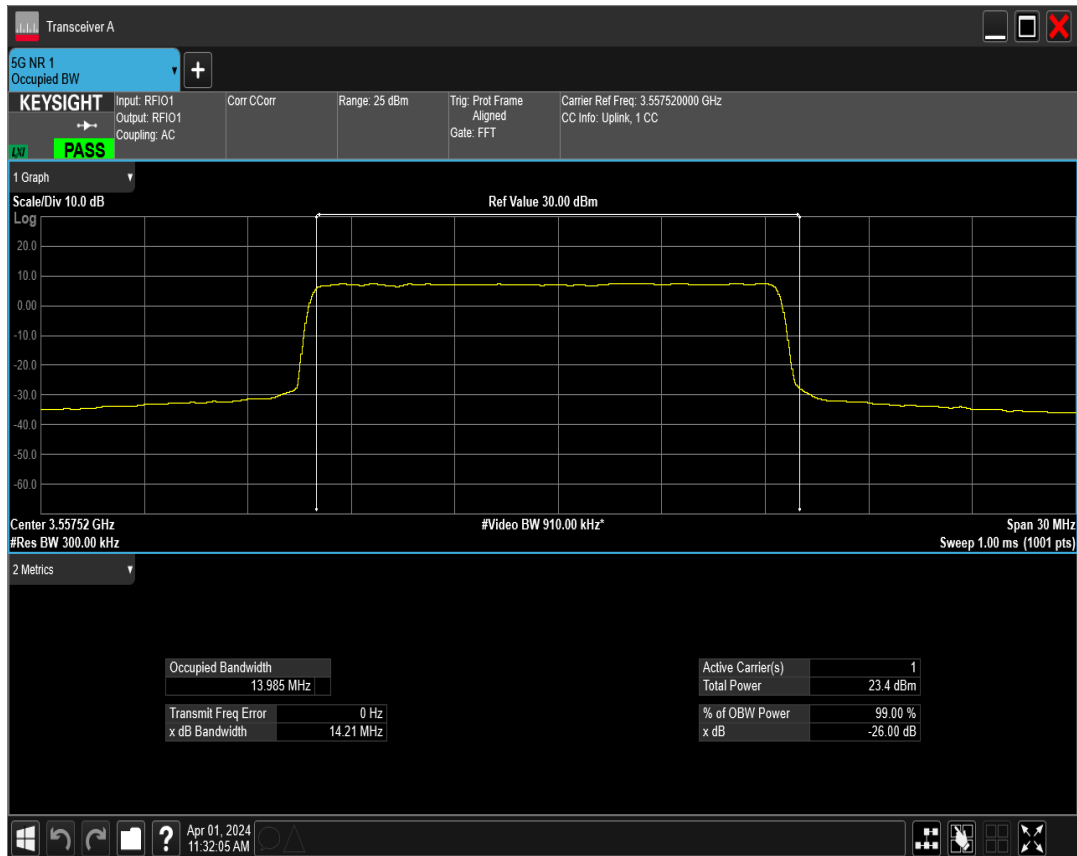
n77(3550-3700) SCS=15kHz DFT\_BPSK BW=15MHz Channel=637168 RB=75@0



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



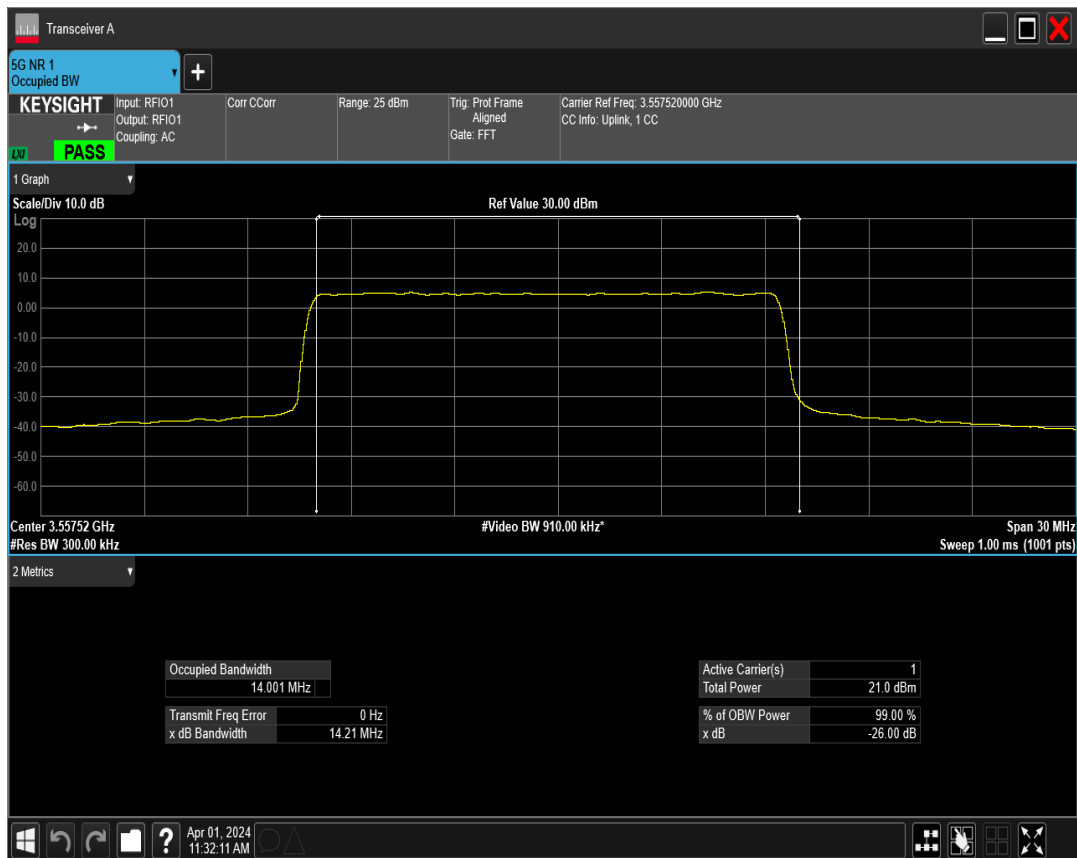
n77(3550-3700) SCS=15kHz DFT\_QAM16 BW=15MHz Channel=637168 RB=75@0



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



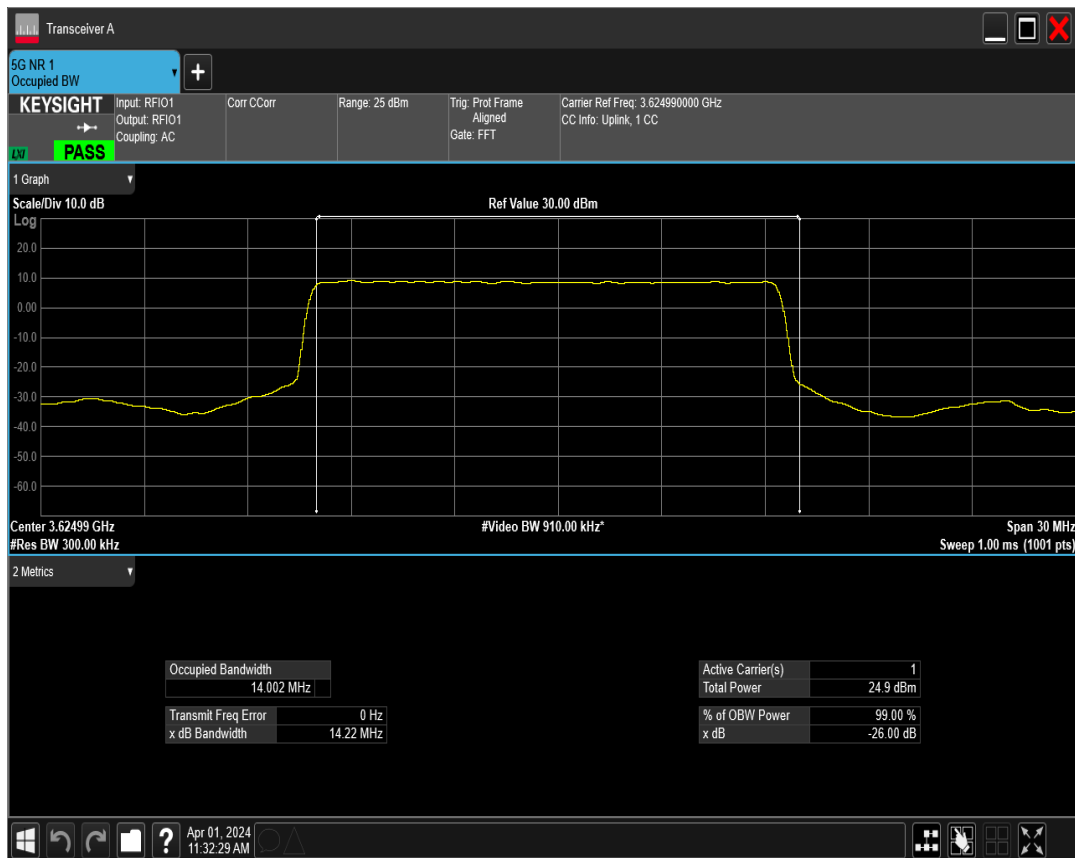
n77(3550-3700) SCS=15kHz DFT\_QAM256 BW=15MHz Channel=637168 RB=75@0



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



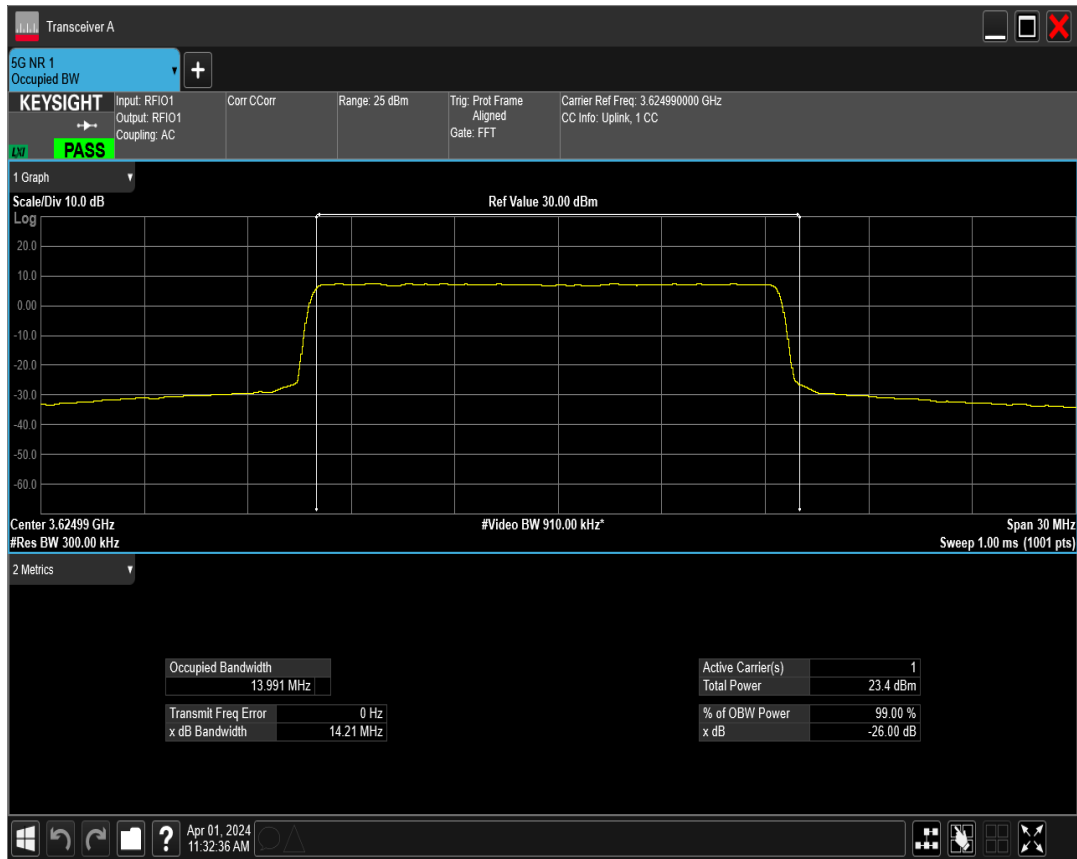
n77(3550-3700) SCS=15kHz DFT\_BPSK BW=15MHz Channel=641666 RB=75@0



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



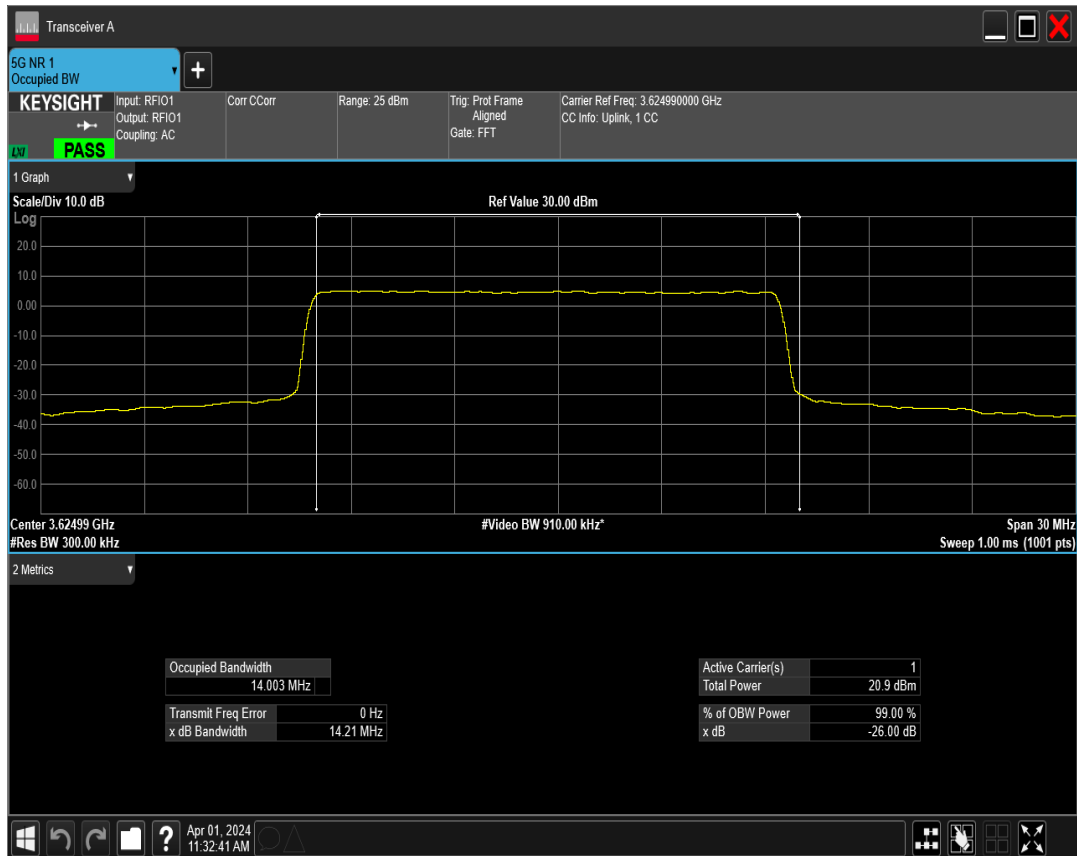
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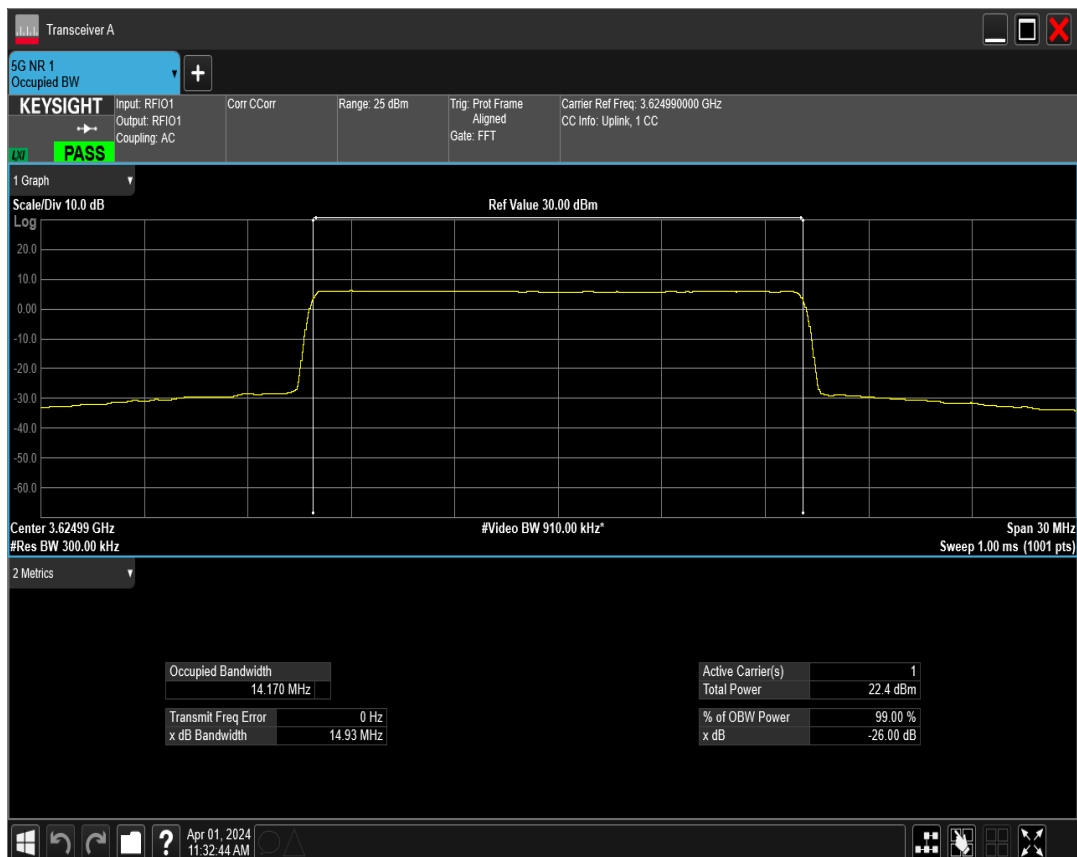
n77(3550-3700) SCS=15kHz DFT\_QAM64 BW=15MHz Channel=641666 RB=75@0



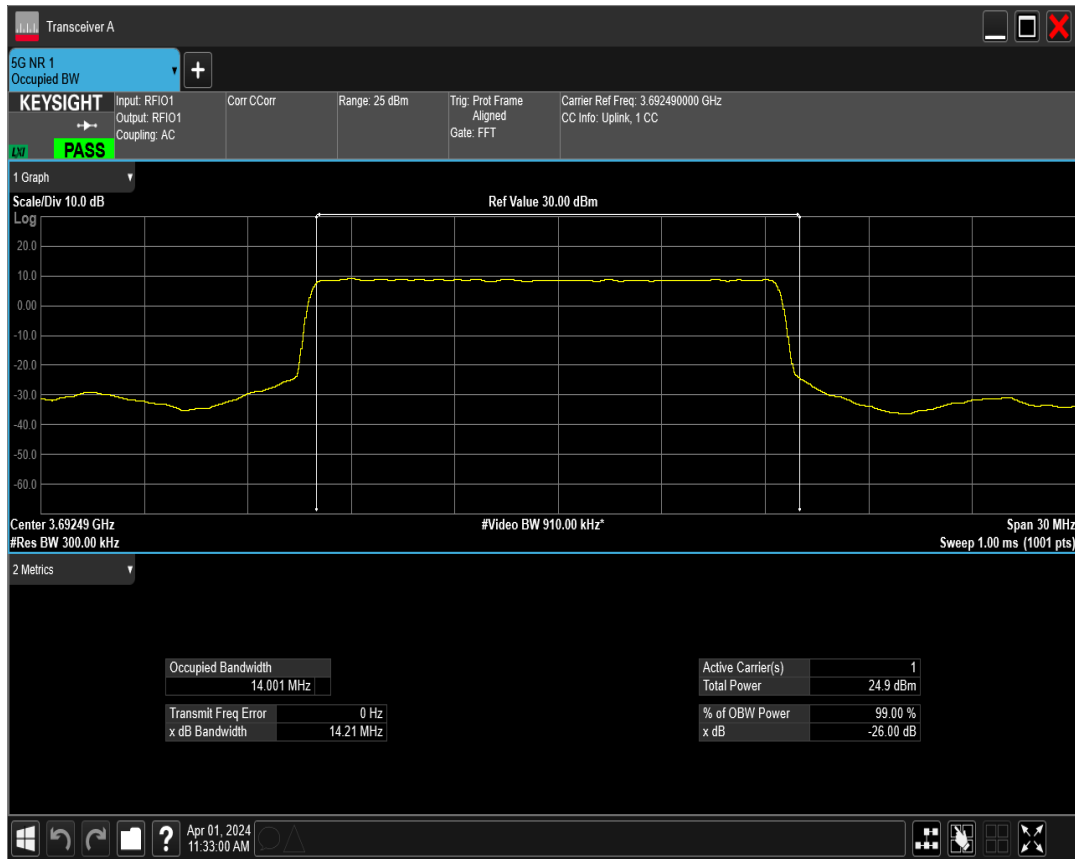
n77(3550-3700) SCS=15kHz DFT\_QAM256 BW=15MHz Channel=641666 RB=75@0



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

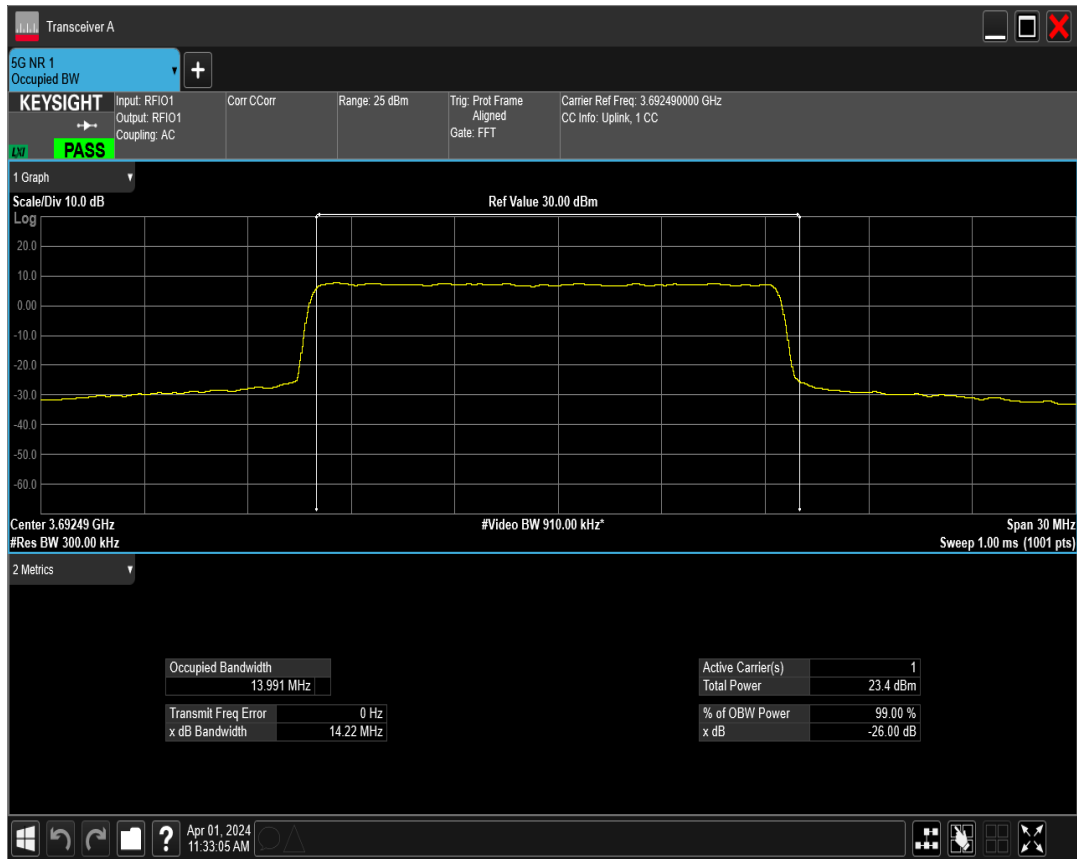


n77(3550-3700) SCS=15kHz DFT\_QPSK BW=15MHz Channel=646166 RB=75@0

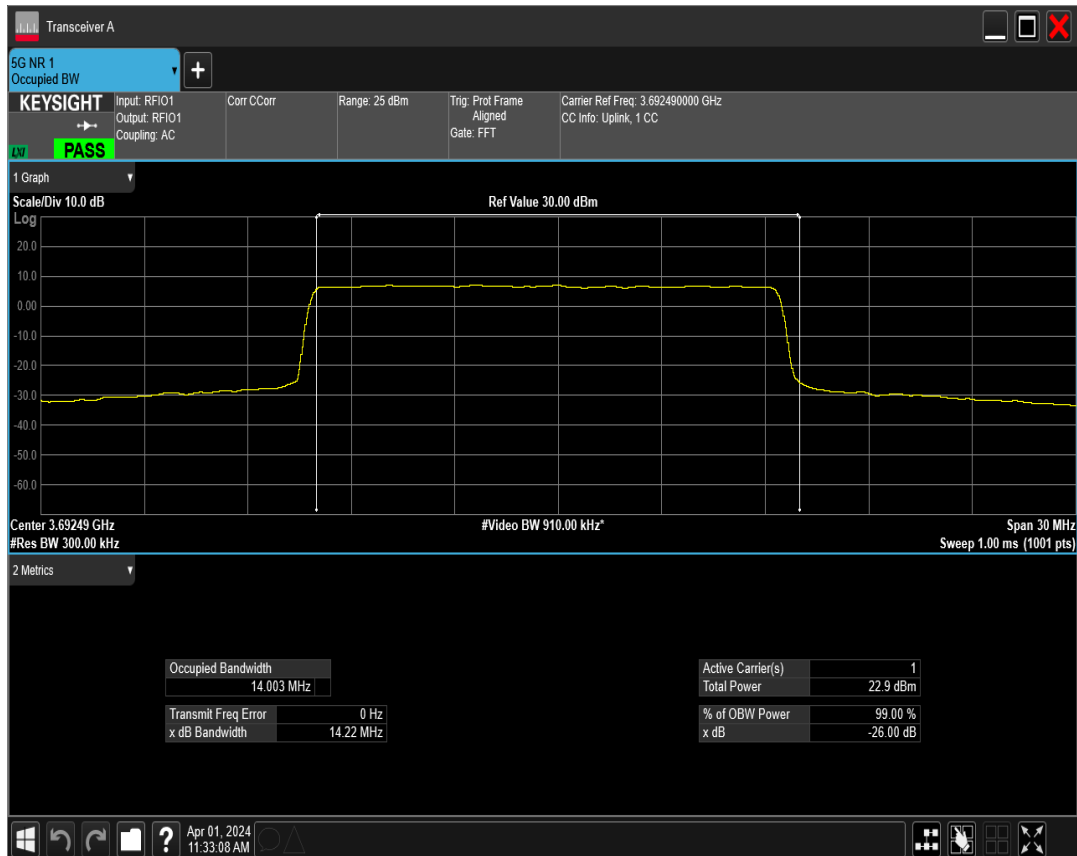




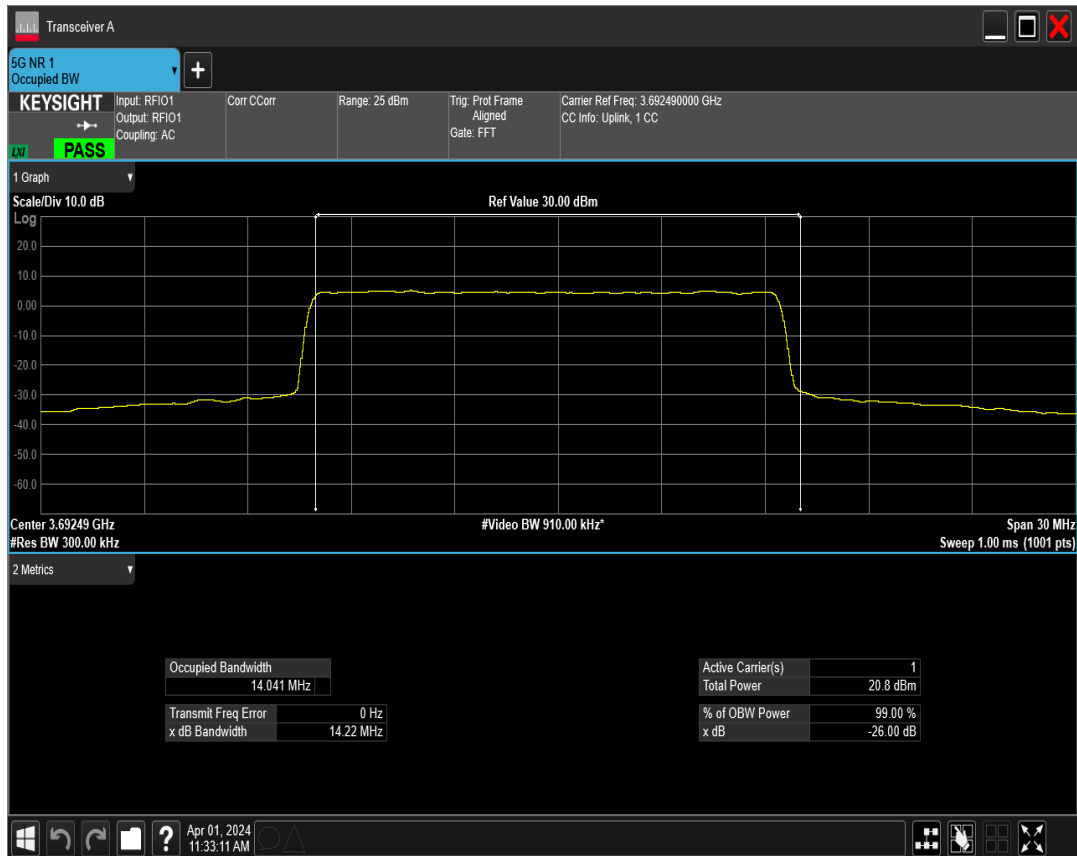
n77(3550-3700) SCS=15kHz DFT\_QAM16 BW=15MHz Channel=646166 RB=75@0



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



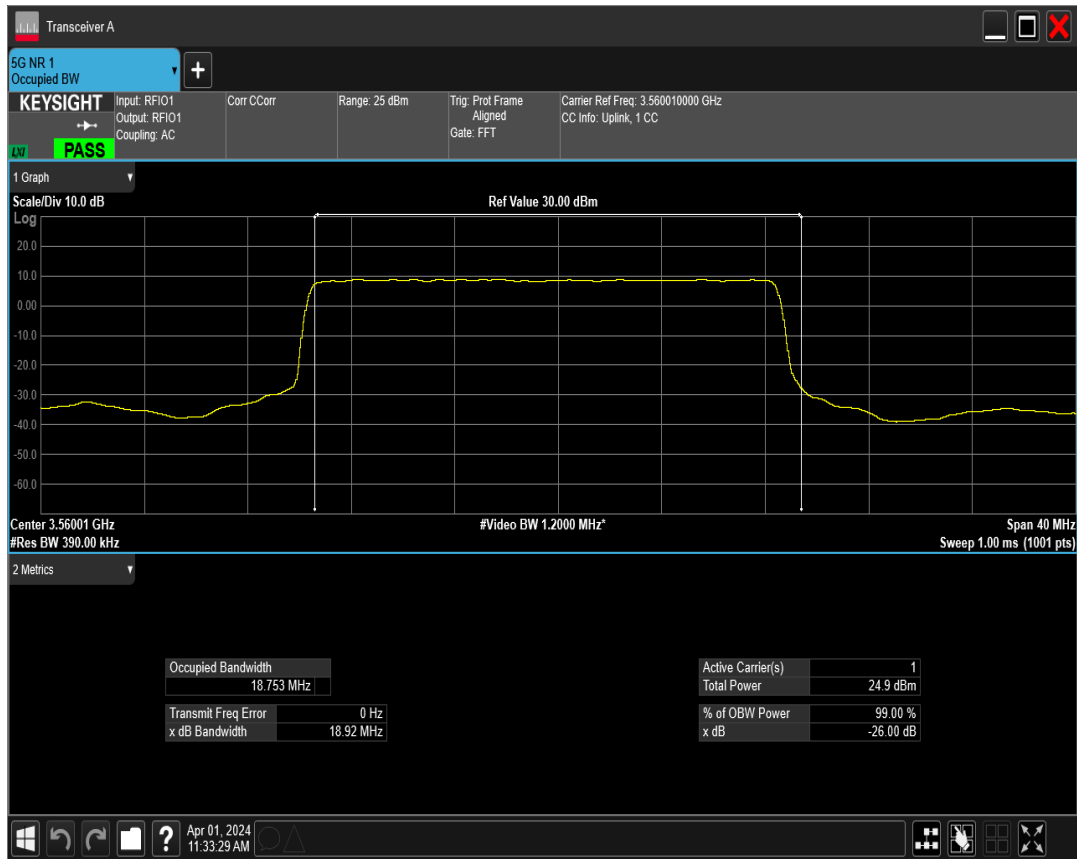
n77(3550-3700) SCS=15kHz DFT\_QAM256 BW=15MHz Channel=646166 RB=75@0



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



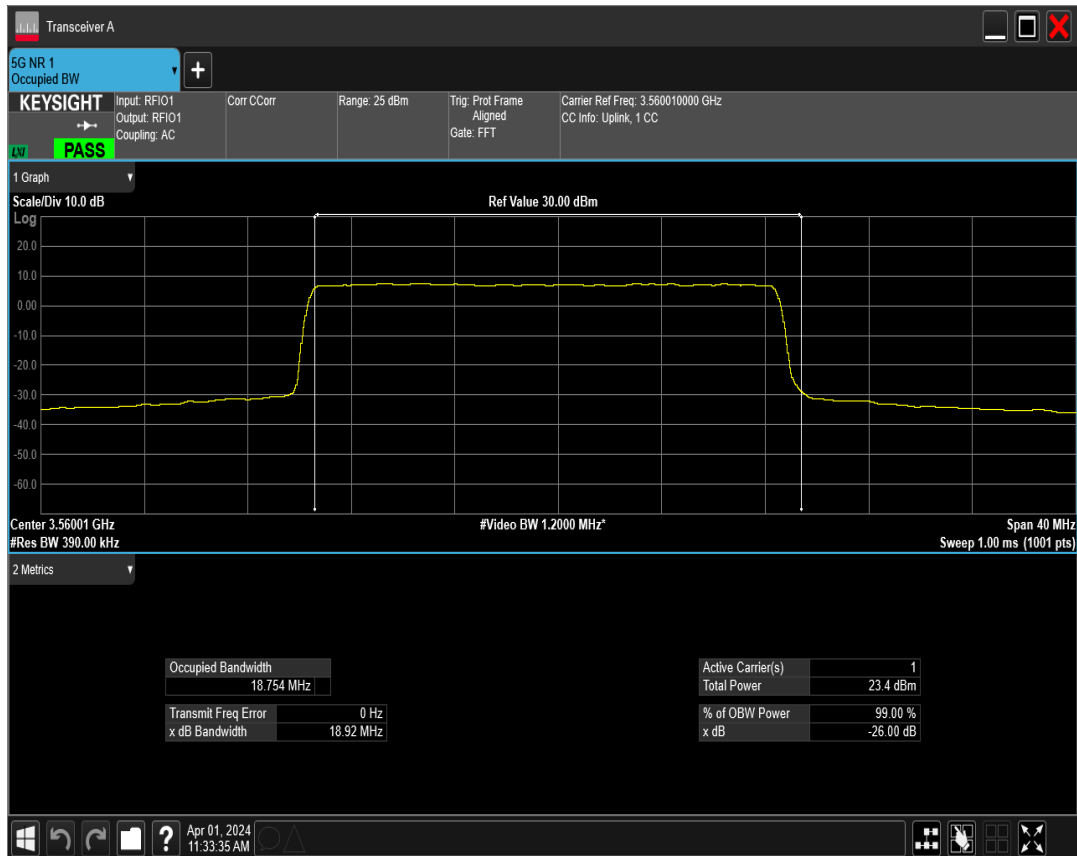
n77(3550-3700) SCS=15kHz DFT\_BPSK BW=20MHz Channel=637334 RB=100@0



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



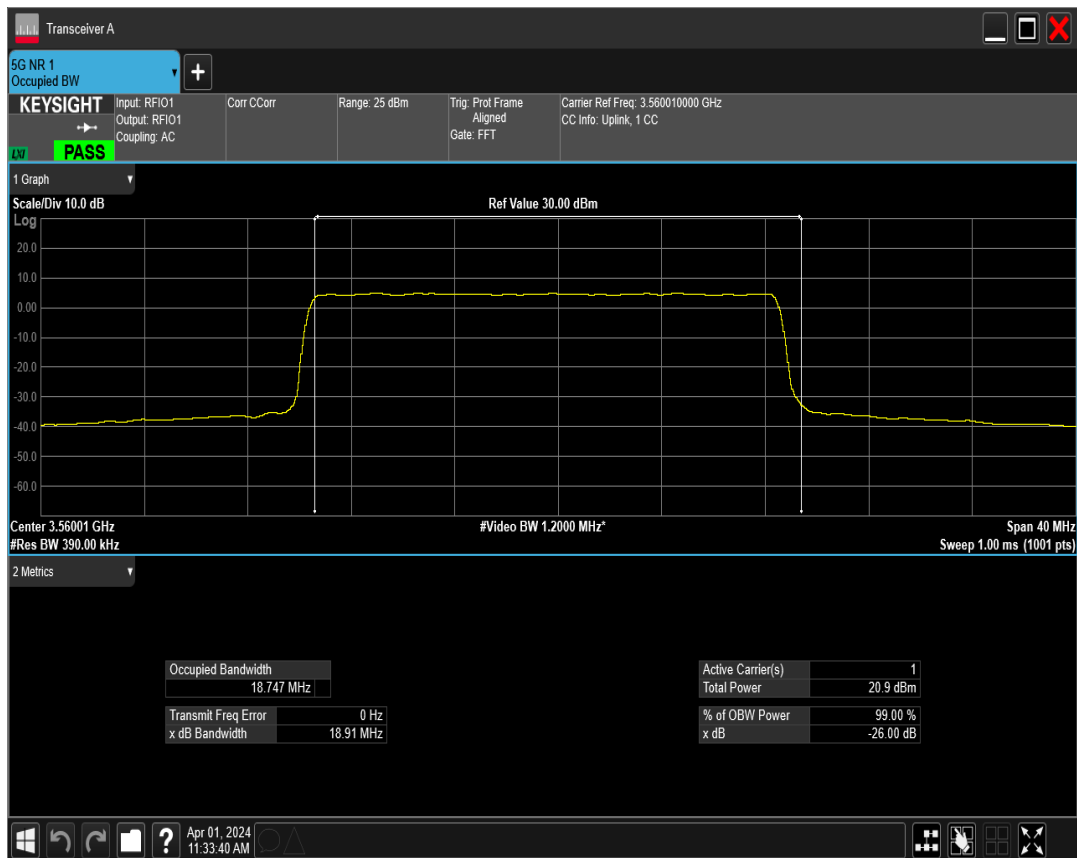
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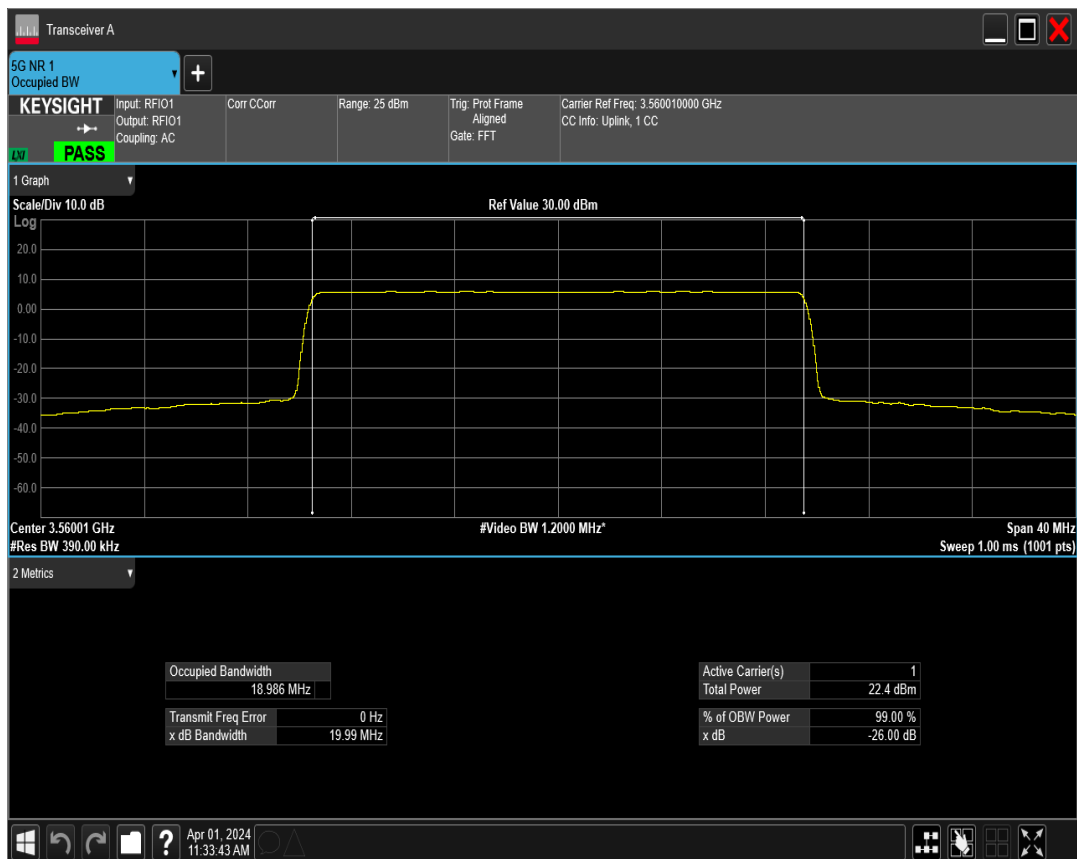
n77(3550-3700) SCS=15kHz DFT\_QAM64 BW=20MHz Channel=637334 RB=100@0



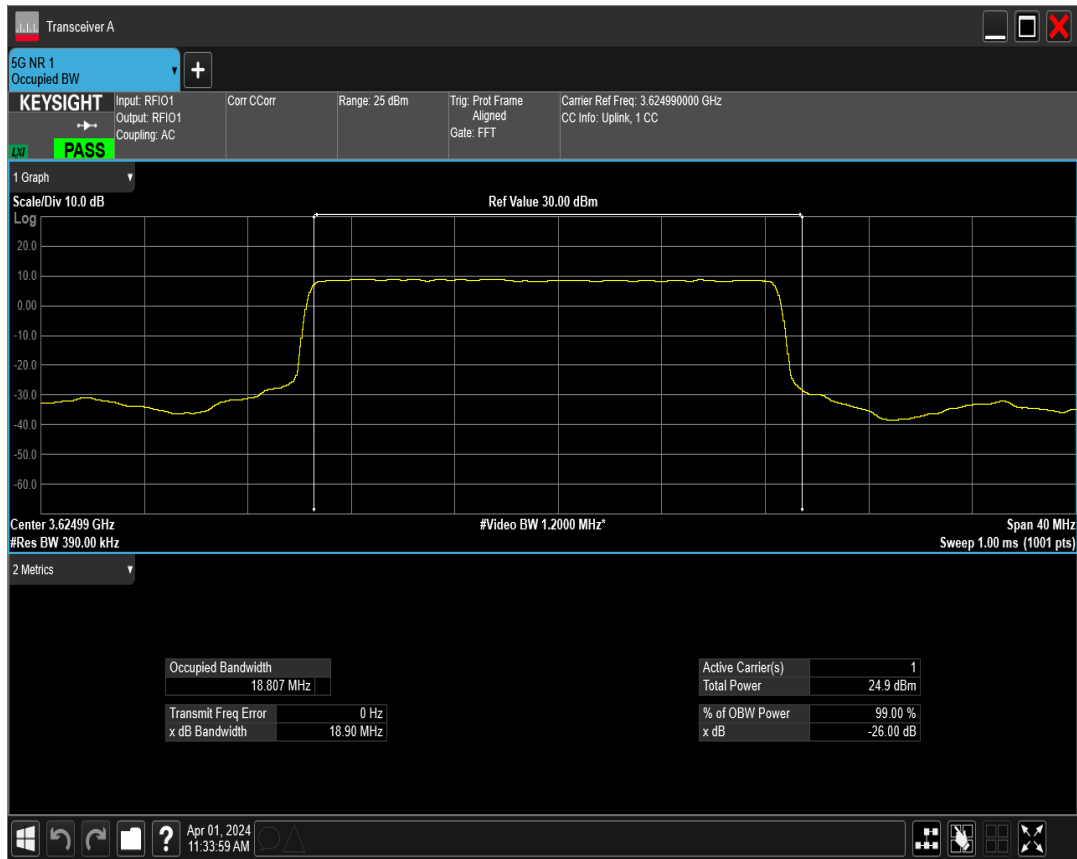
n77(3550-3700) SCS=15kHz DFT\_QAM256 BW=20MHz Channel=637334 RB=100@0



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



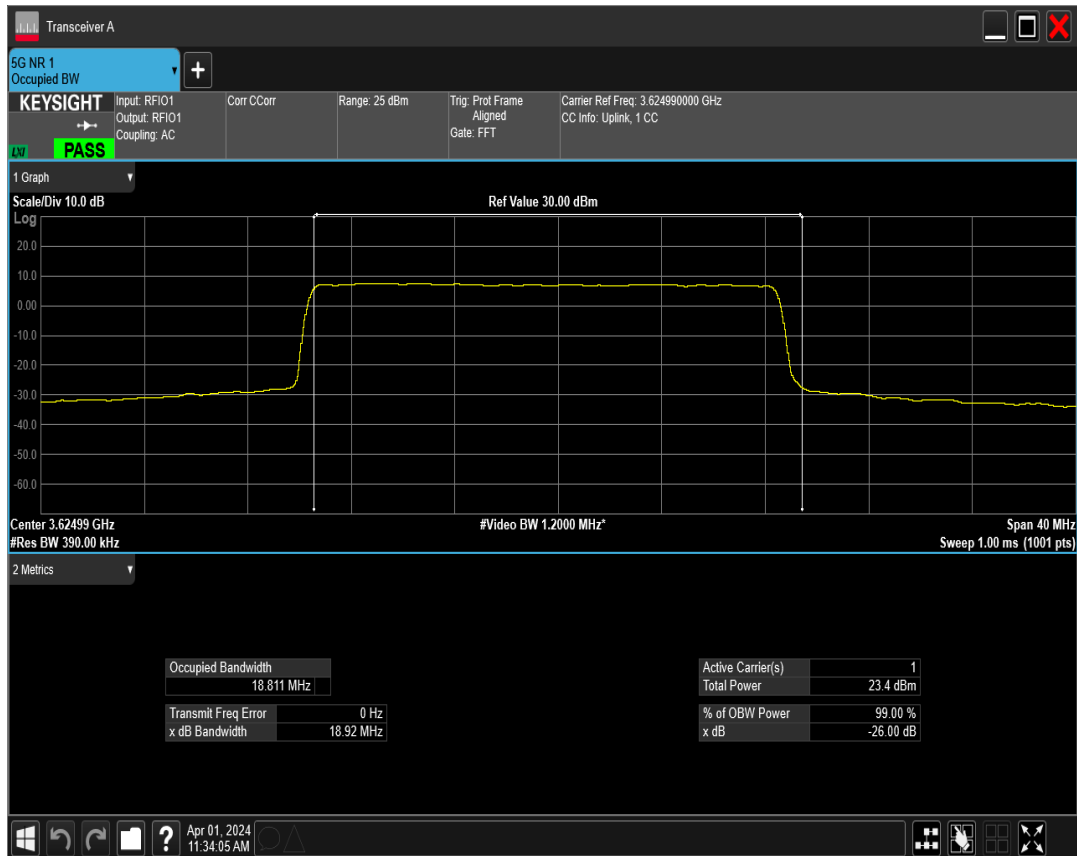
n77(3550-3700) SCS=15kHz DFT\_BPSK BW=20MHz Channel=641666 RB=100@0



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



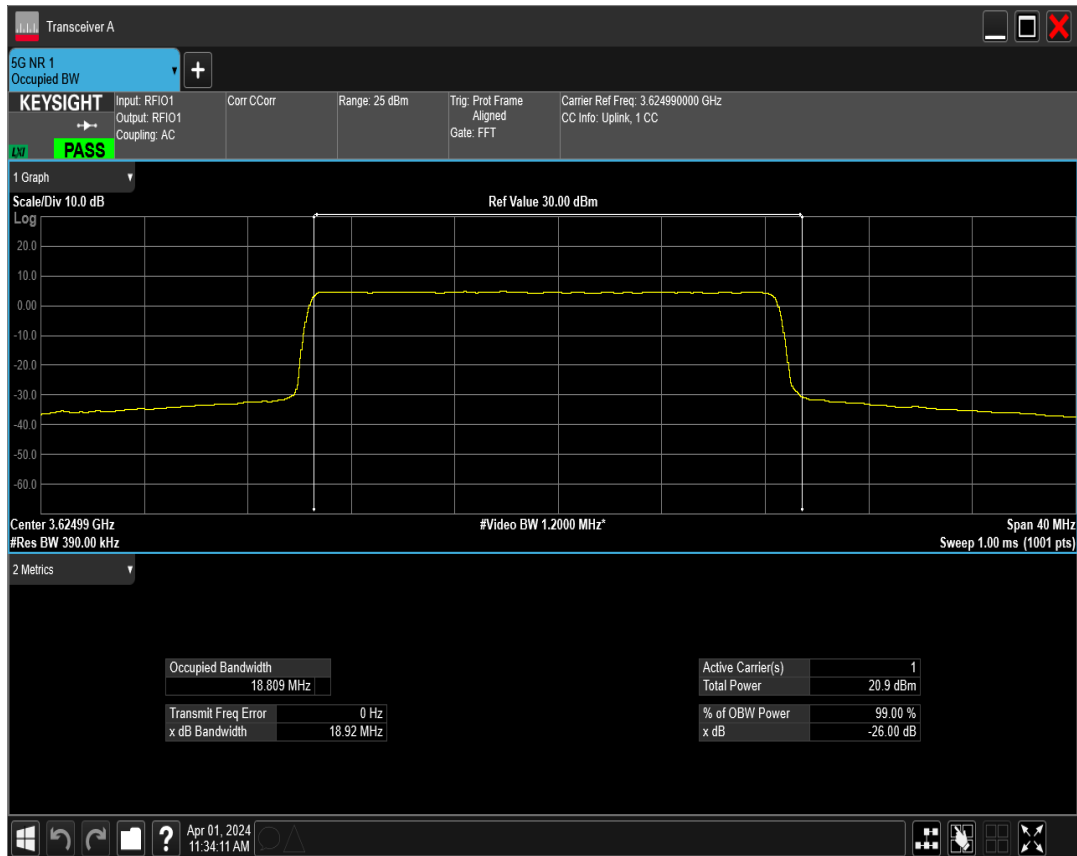
n77(3550-3700) SCS=15kHz DFT\_QAM16 BW=20MHz Channel=641666 RB=100@0



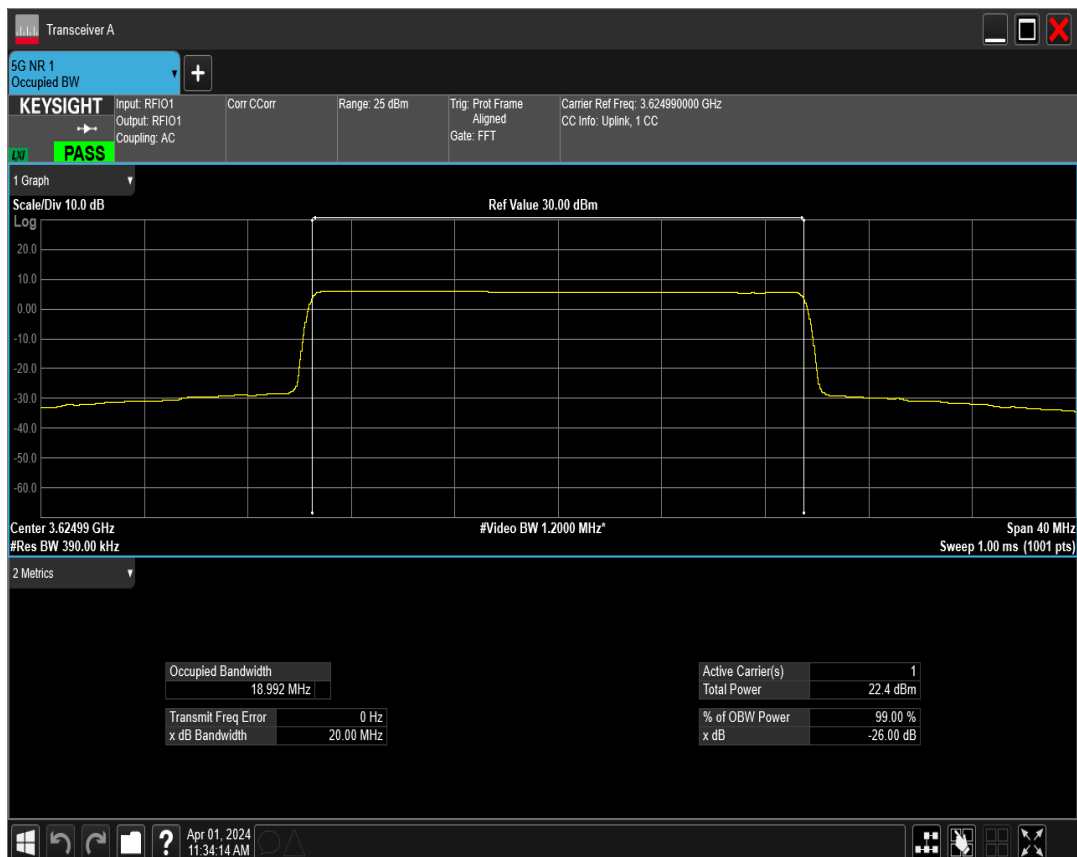
n77(3550-3700) SCS=15kHz DFT\_QAM64 BW=20MHz Channel=641666 RB=100@0



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

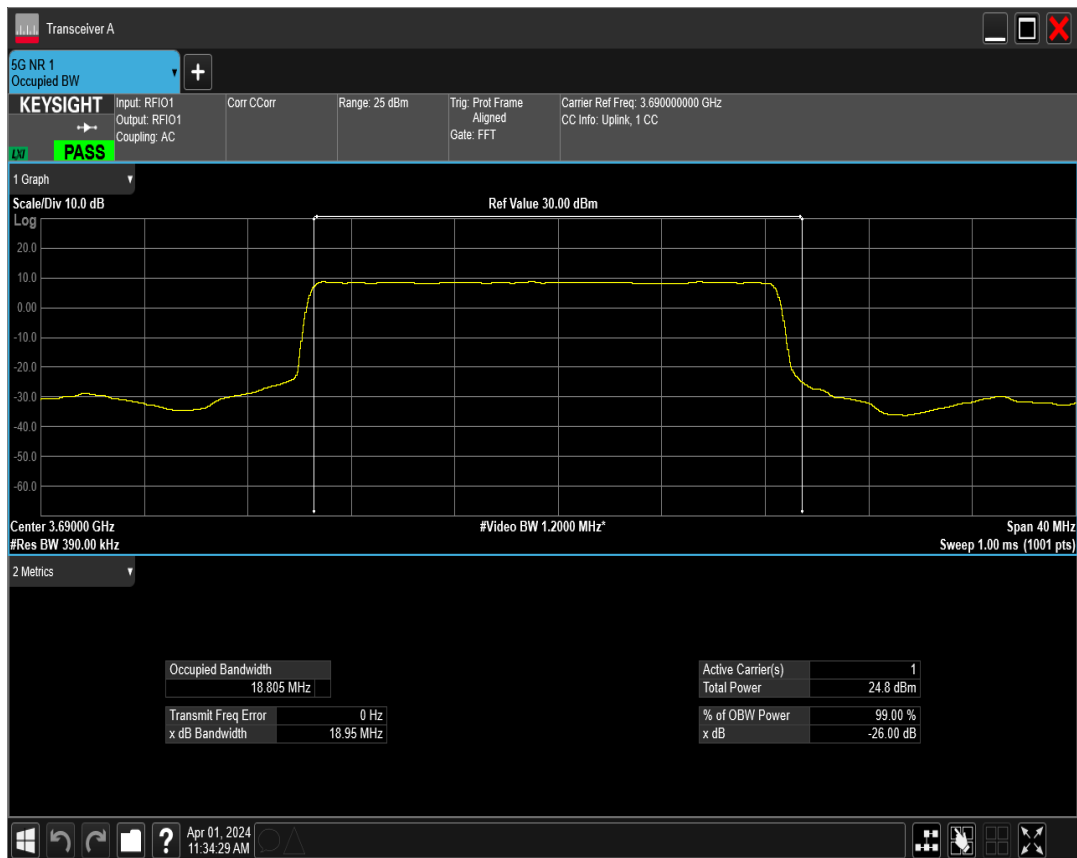


n77(3550-3700) SCS=15kHz CP\_QPSK BW=20MHz Channel=641666 RB=106@0





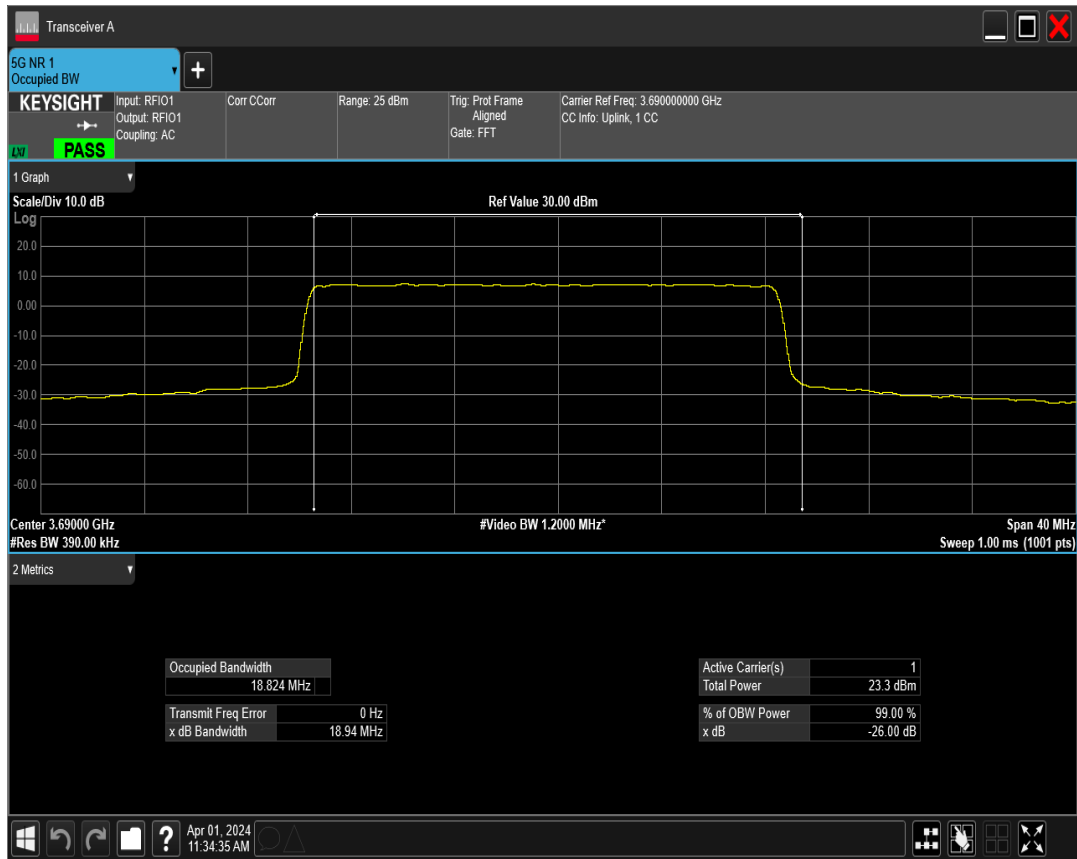
n77(3550-3700) SCS=15kHz DFT\_BPSK BW=20MHz Channel=646000 RB=100@0



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



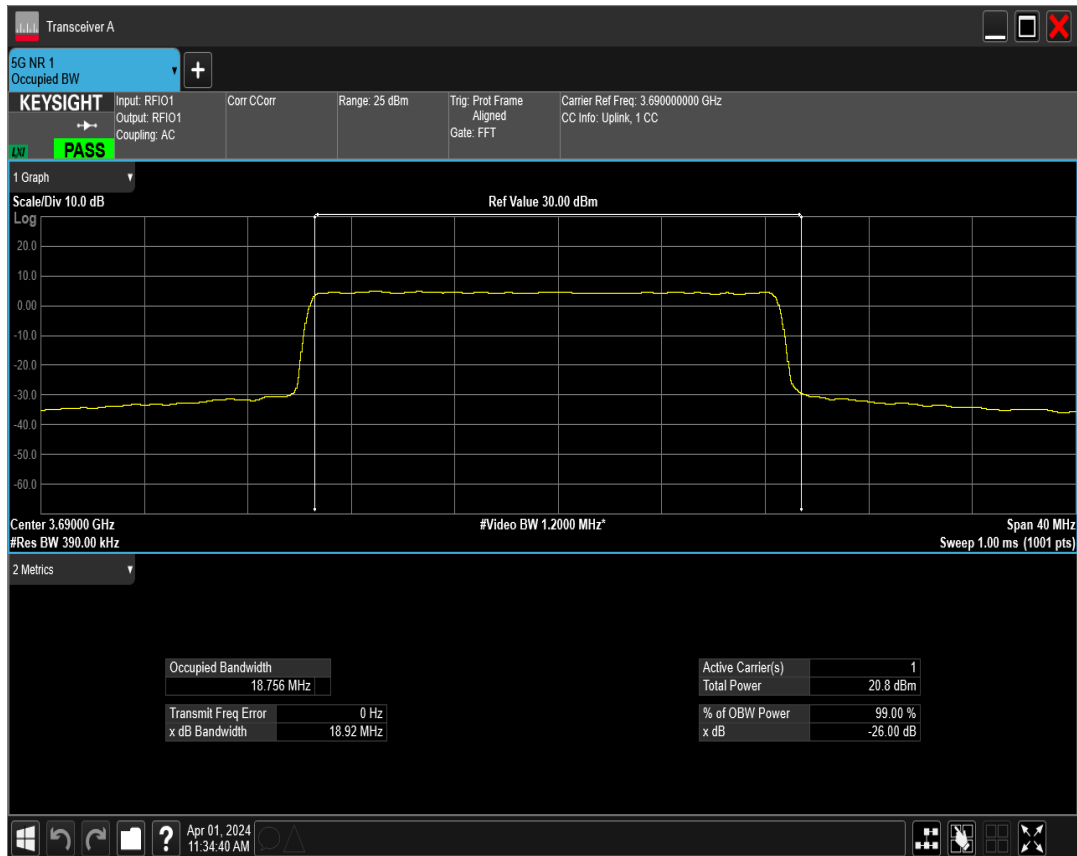
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n77(3550-3700) SCS=15kHz DFT\_QAM64 BW=20MHz Channel=646000 RB=100@0



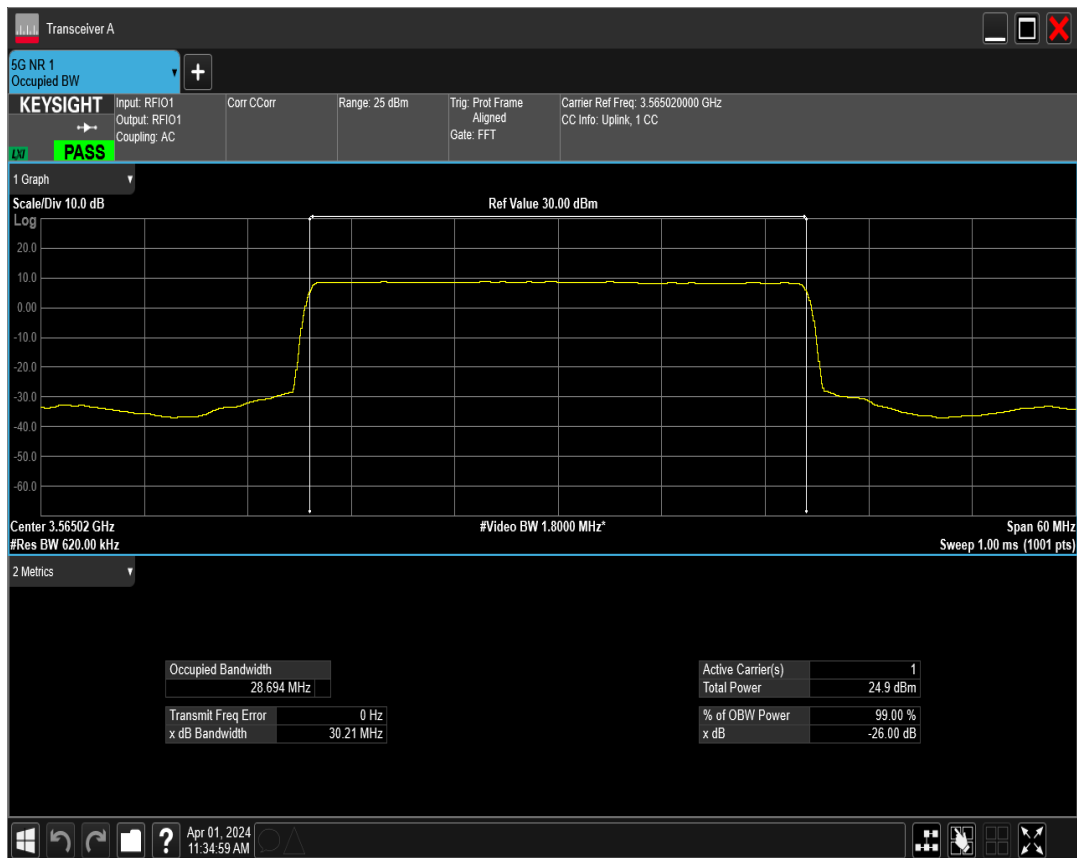
n77(3550-3700) SCS=15kHz DFT\_QAM256 BW=20MHz Channel=646000 RB=100@0



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



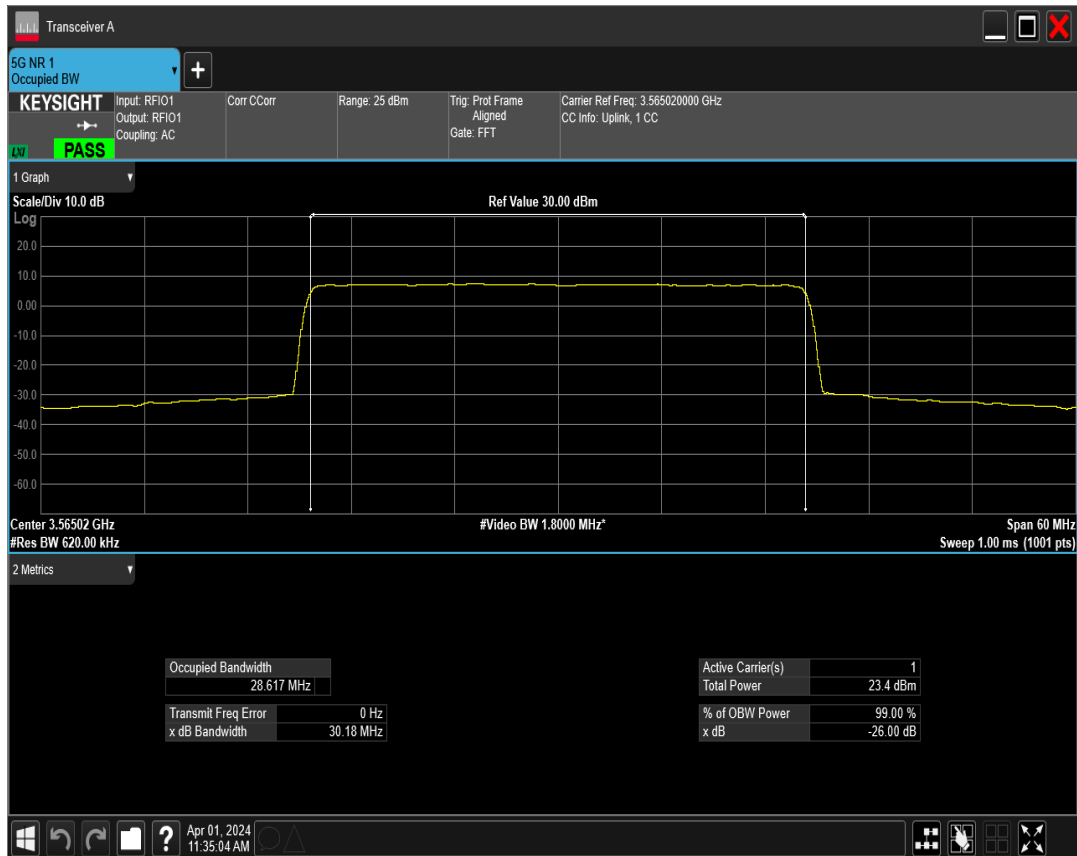
n77(3550-3700) SCS=15kHz DFT\_BPSK BW=30MHz Channel=637668 RB=160@0



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



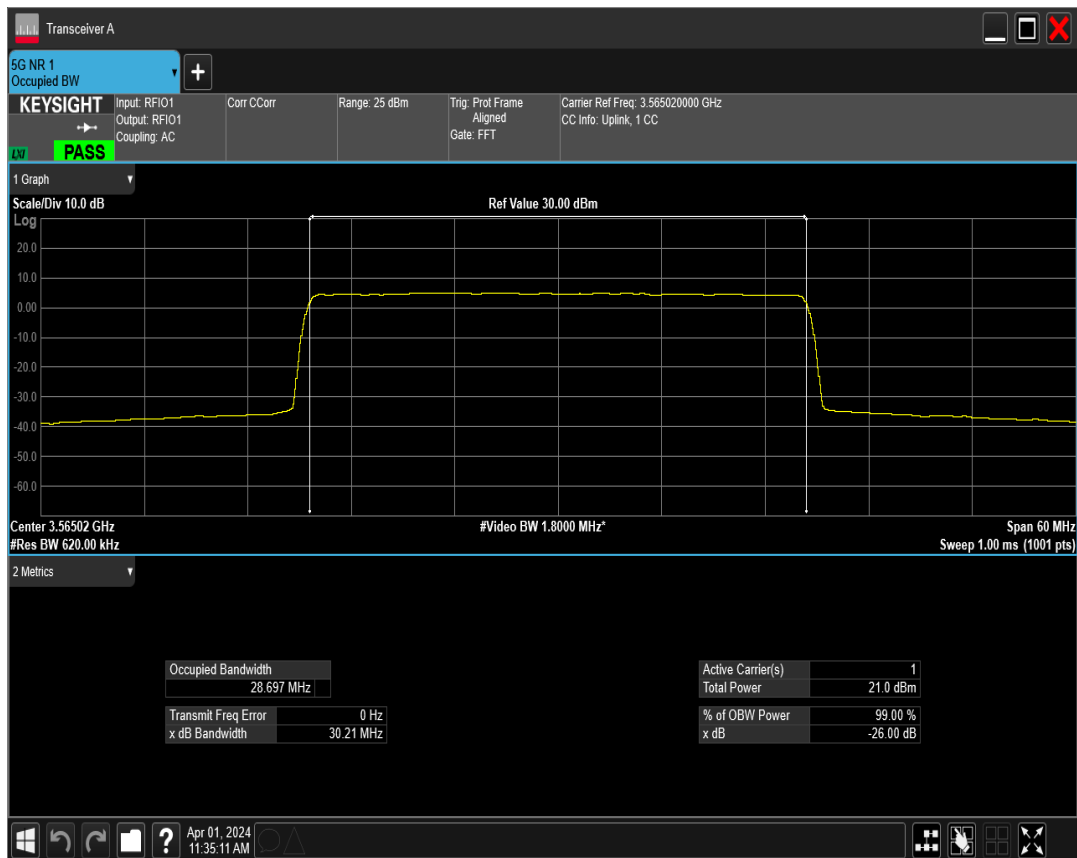
n77(3550-3700) SCS=15kHz DFT\_QAM16 BW=30MHz Channel=637668 RB=160@0



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



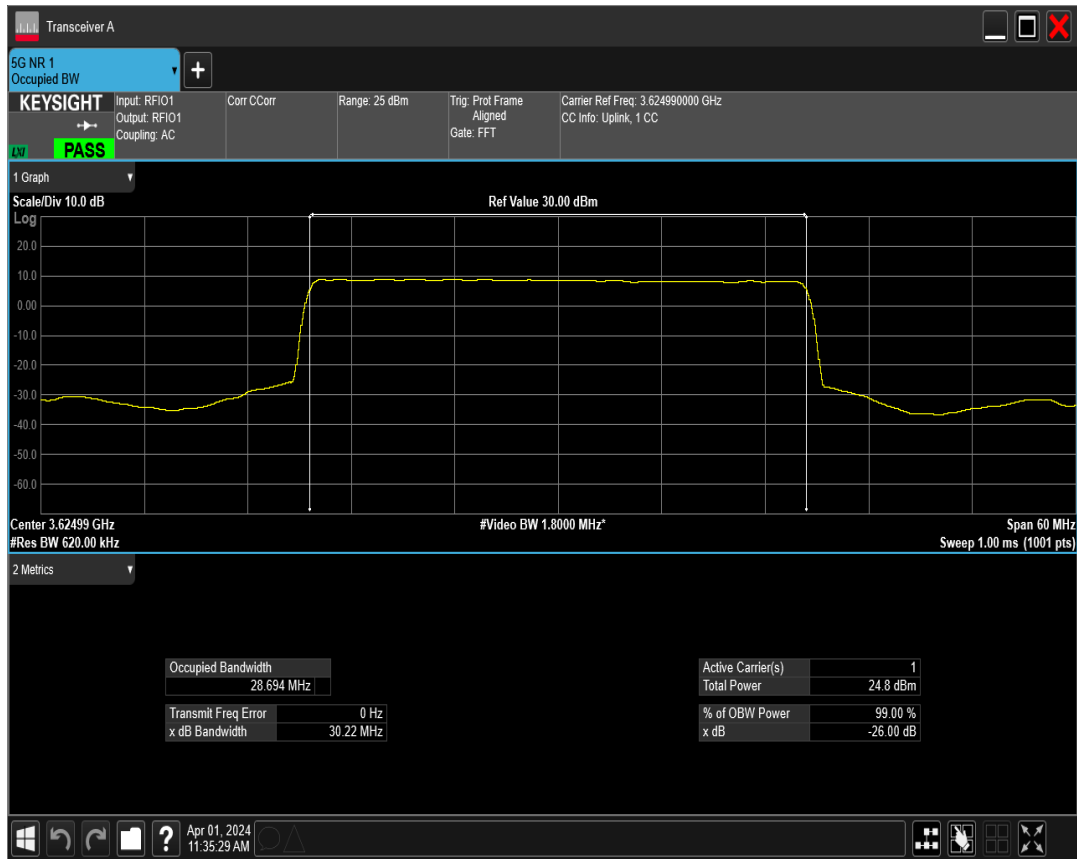
n77(3550-3700) SCS=15kHz DFT\_QAM256 BW=30MHz Channel=637668 RB=160@0



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



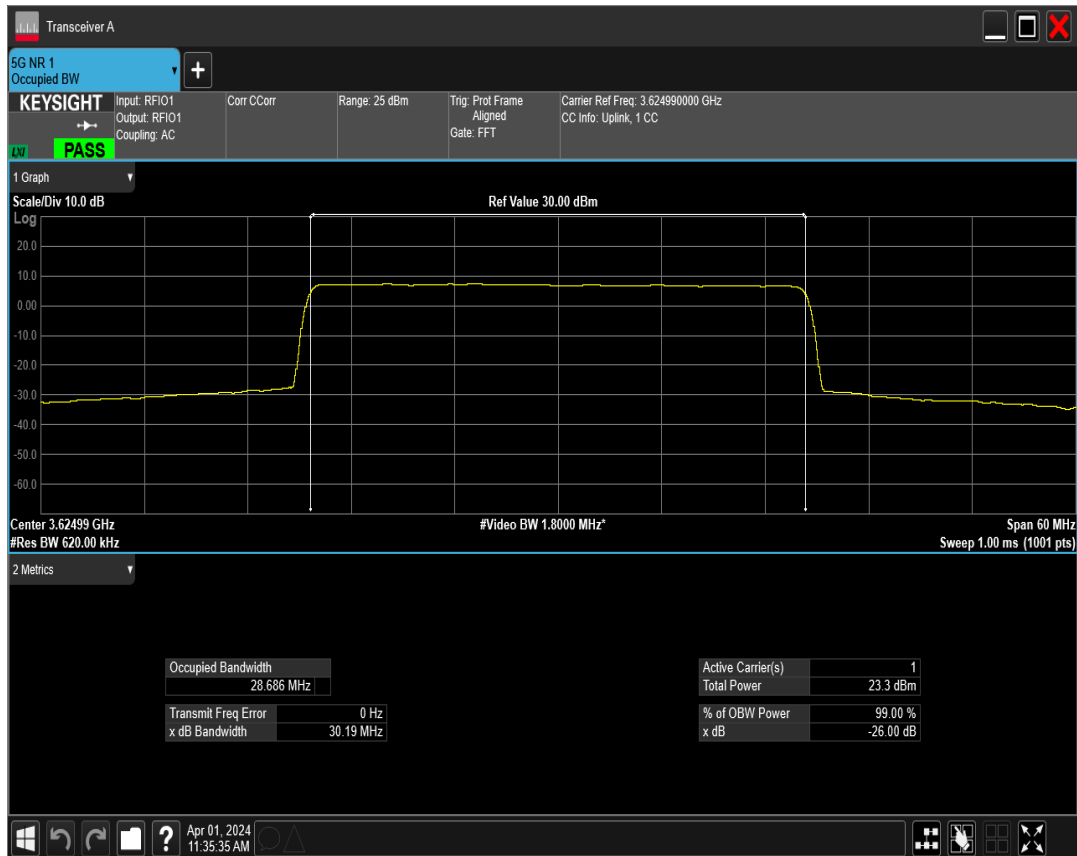
n77(3550-3700) SCS=15kHz DFT\_BPSK BW=30MHz Channel=641666 RB=160@0



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

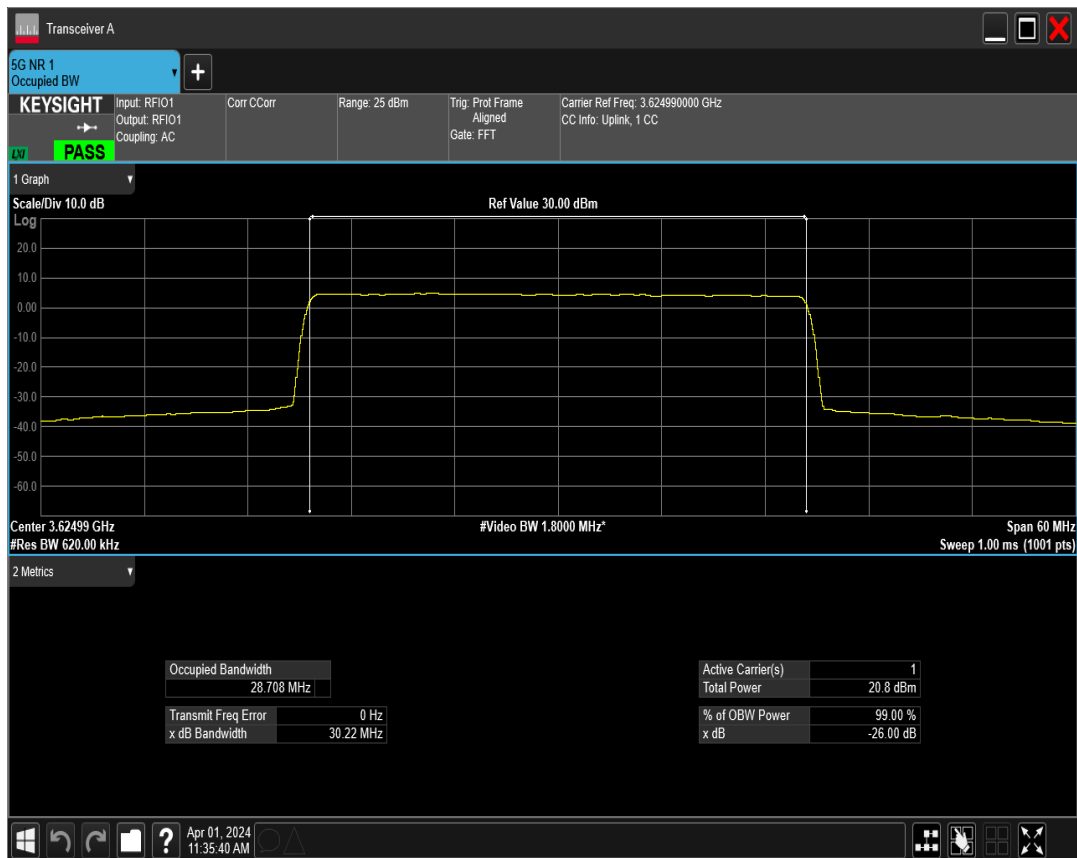


n77(3550-3700) SCS=15kHz DFT\_QAM64 BW=30MHz Channel=641666 RB=160@0





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



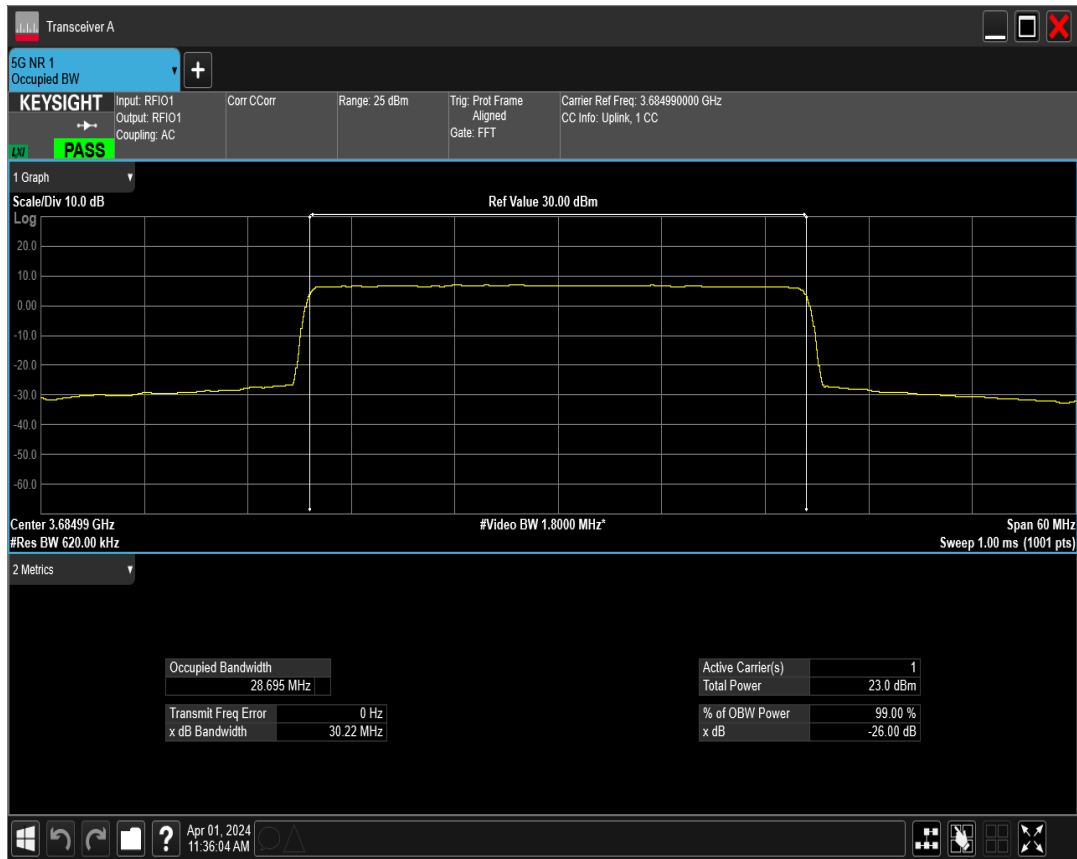
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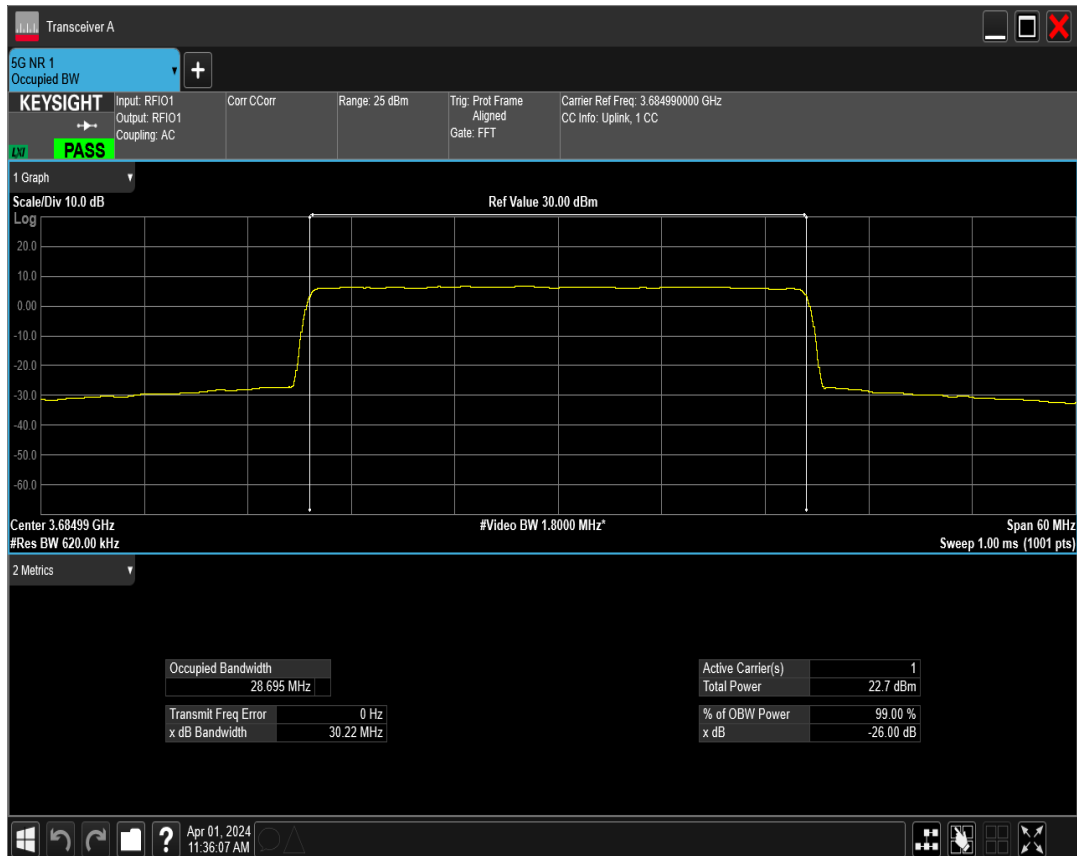
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=30MHz Channel=645666 RB=160@0



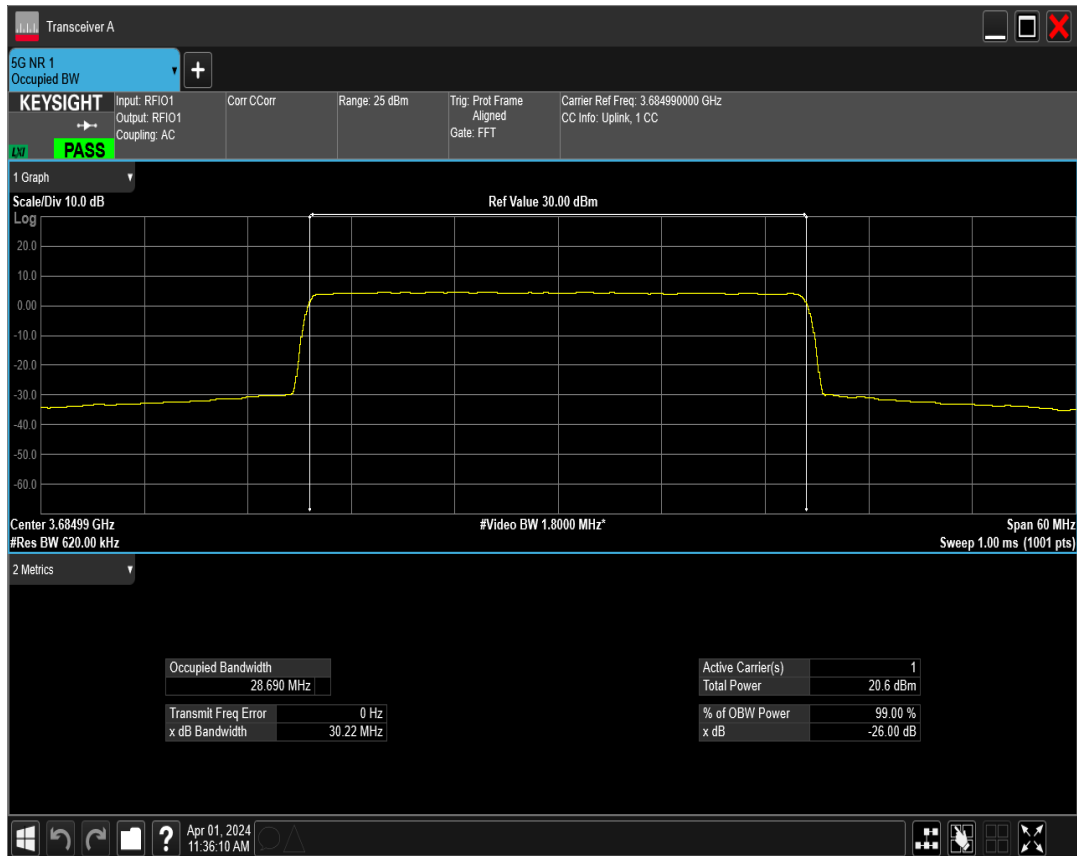
n77(3550-3700) SCS=15kHz DFT\_QAM16 BW=30MHz Channel=645666 RB=160@0



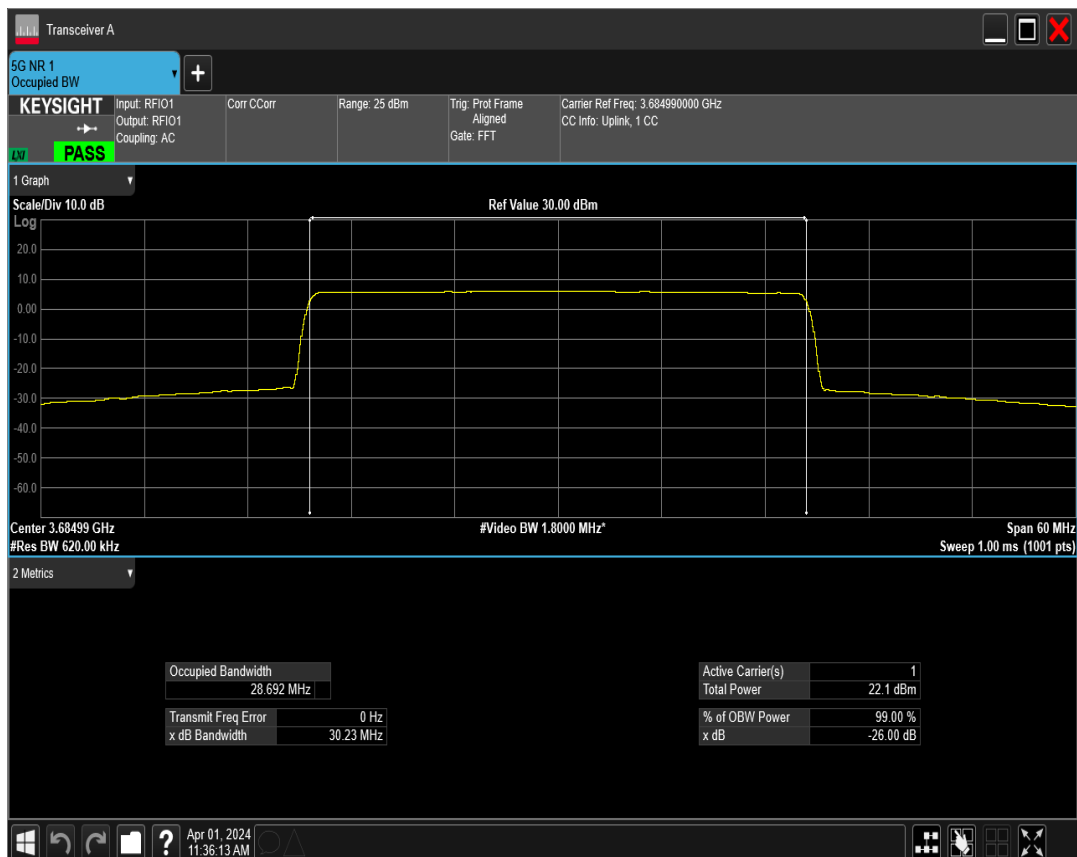
n77(3550-3700) SCS=15kHz DFT\_QAM64 BW=30MHz Channel=645666 RB=160@0



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



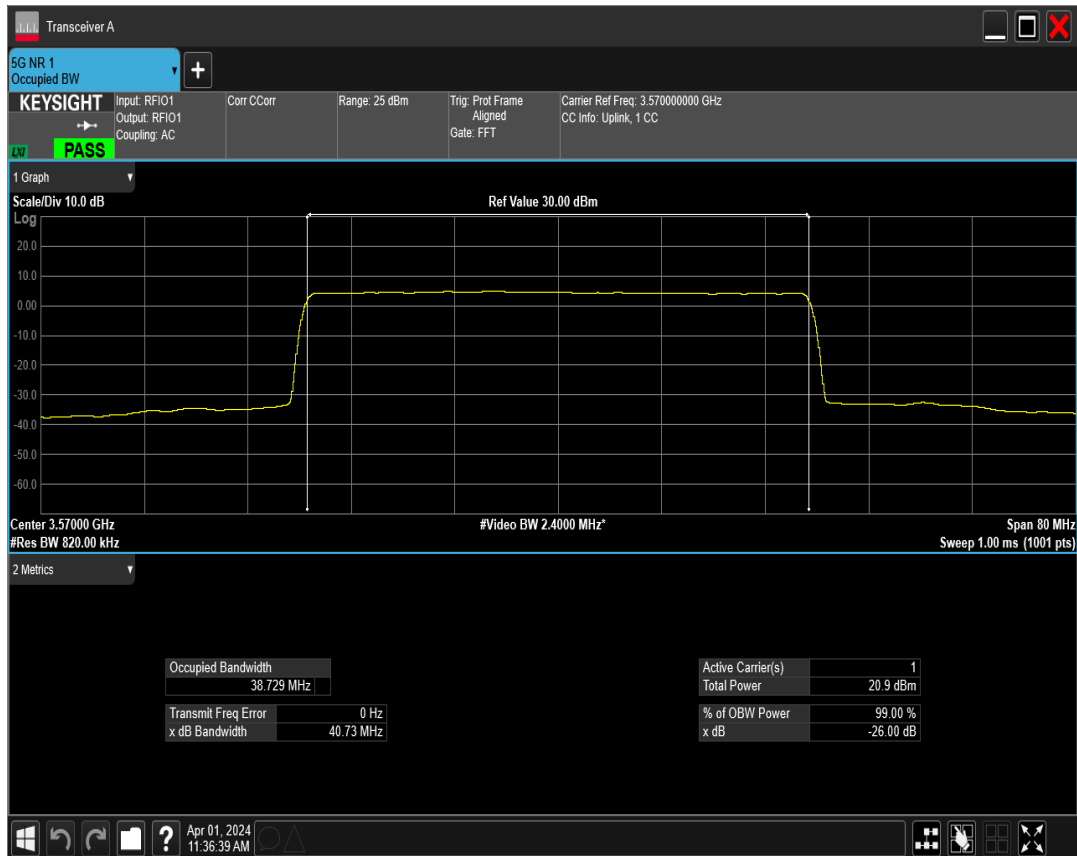
n77(3550-3700) SCS=15kHz DFT\_QAM16 BW=40MHz Channel=638000 RB=216@0



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





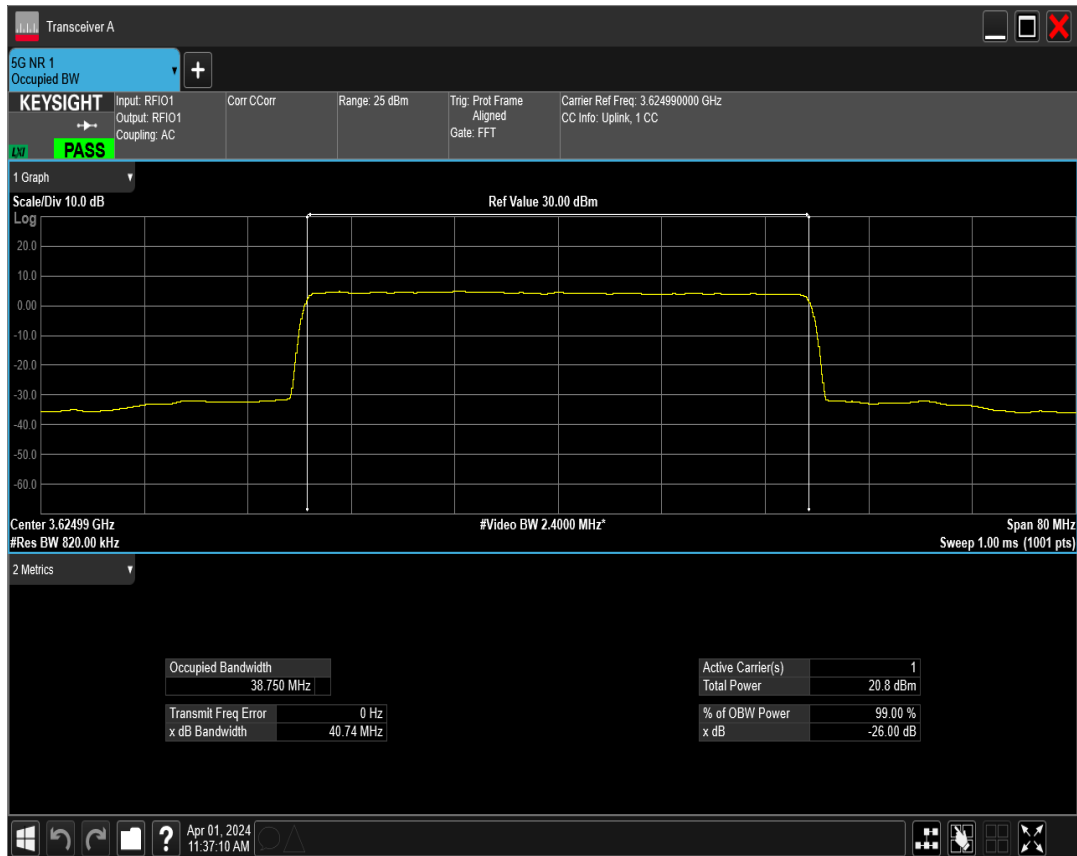
n77(3550-3700) SCS=15kHz DFT\_QAM16 BW=40MHz Channel=641666 RB=216@0



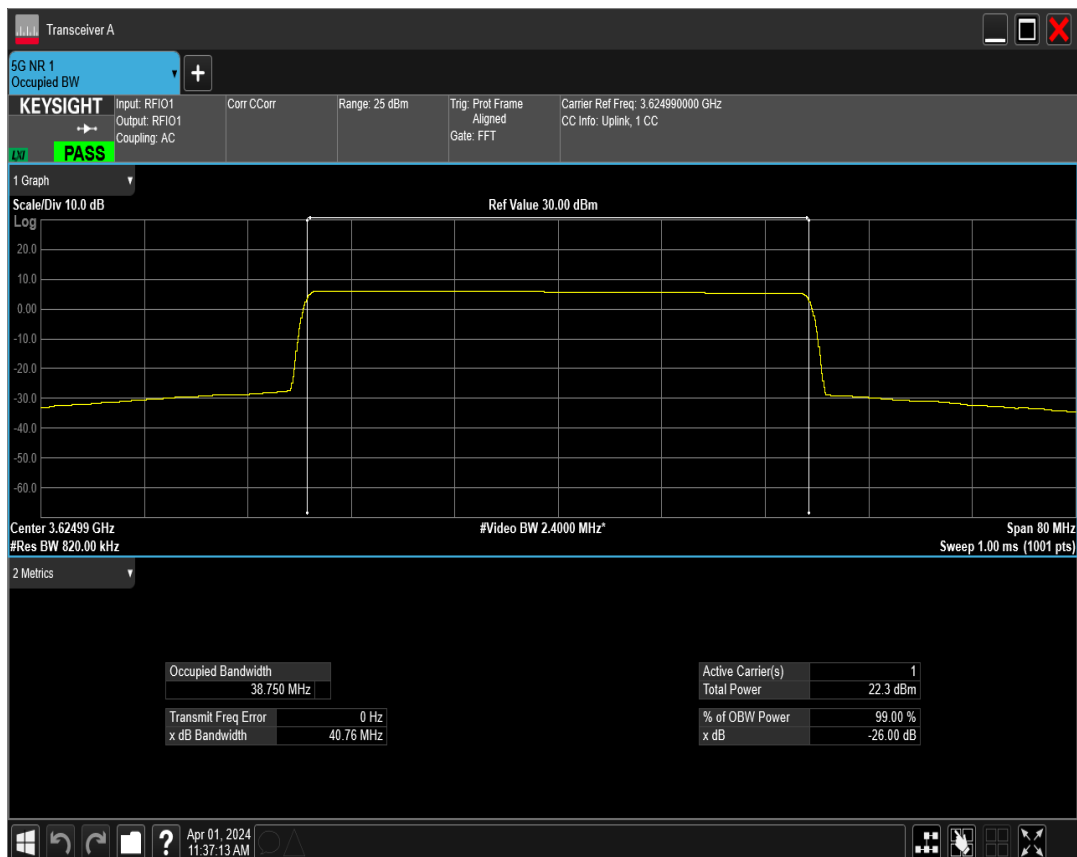
n77(3550-3700) SCS=15kHz DFT\_QAM64 BW=40MHz Channel=641666 RB=216@0



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



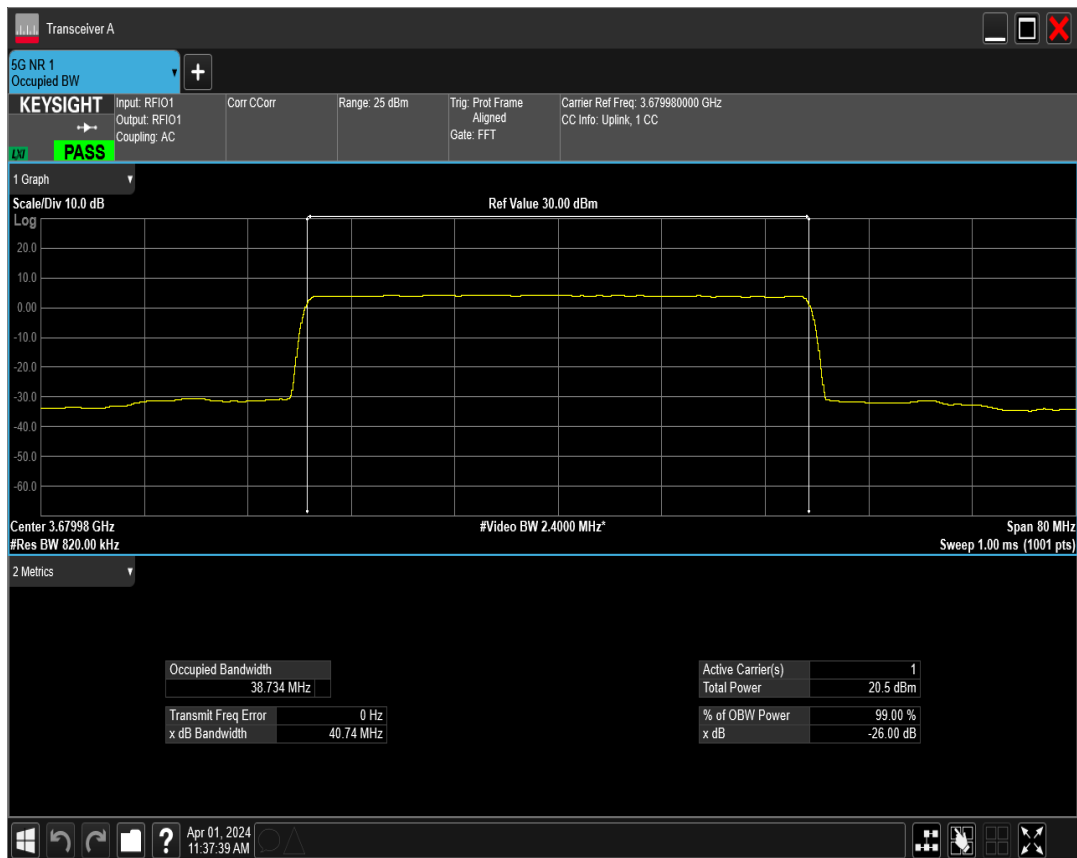
n77(3550-3700) SCS=15kHz DFT\_QAM16 BW=40MHz Channel=645332 RB=216@0



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



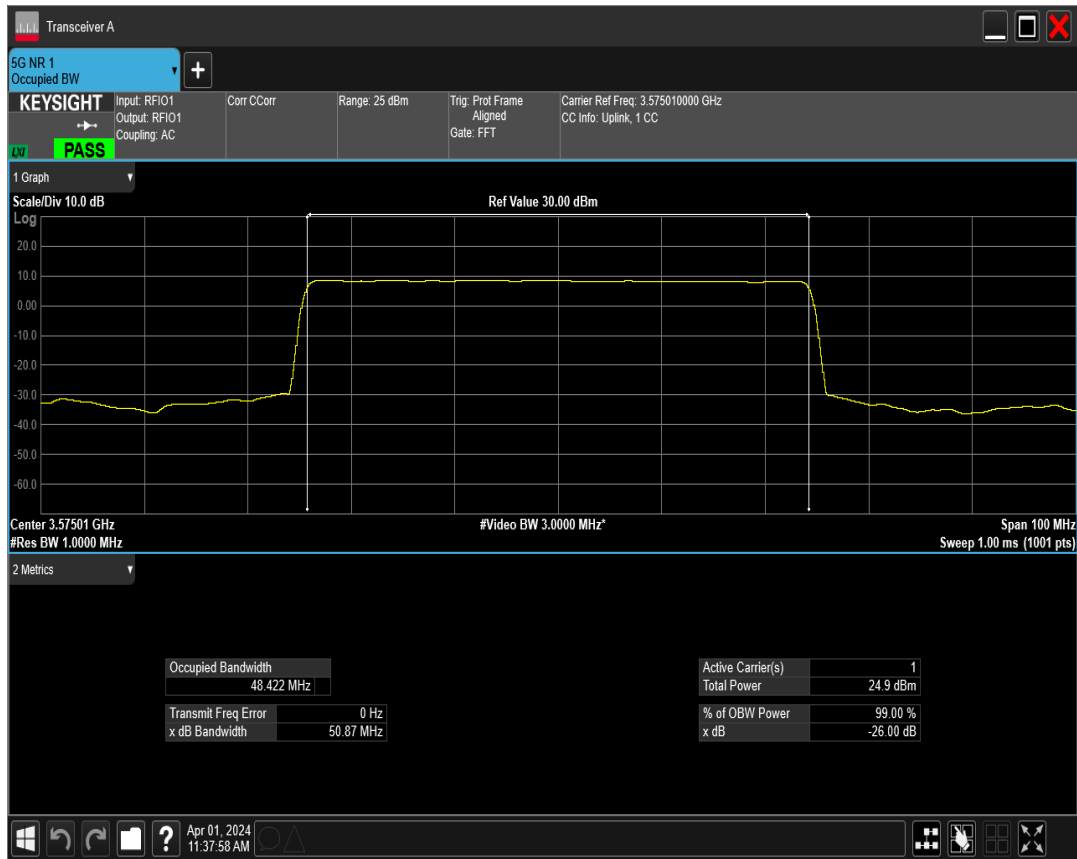
n77(3550-3700) SCS=15kHz DFT\_QAM256 BW=40MHz Channel=645332 RB=216@0



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



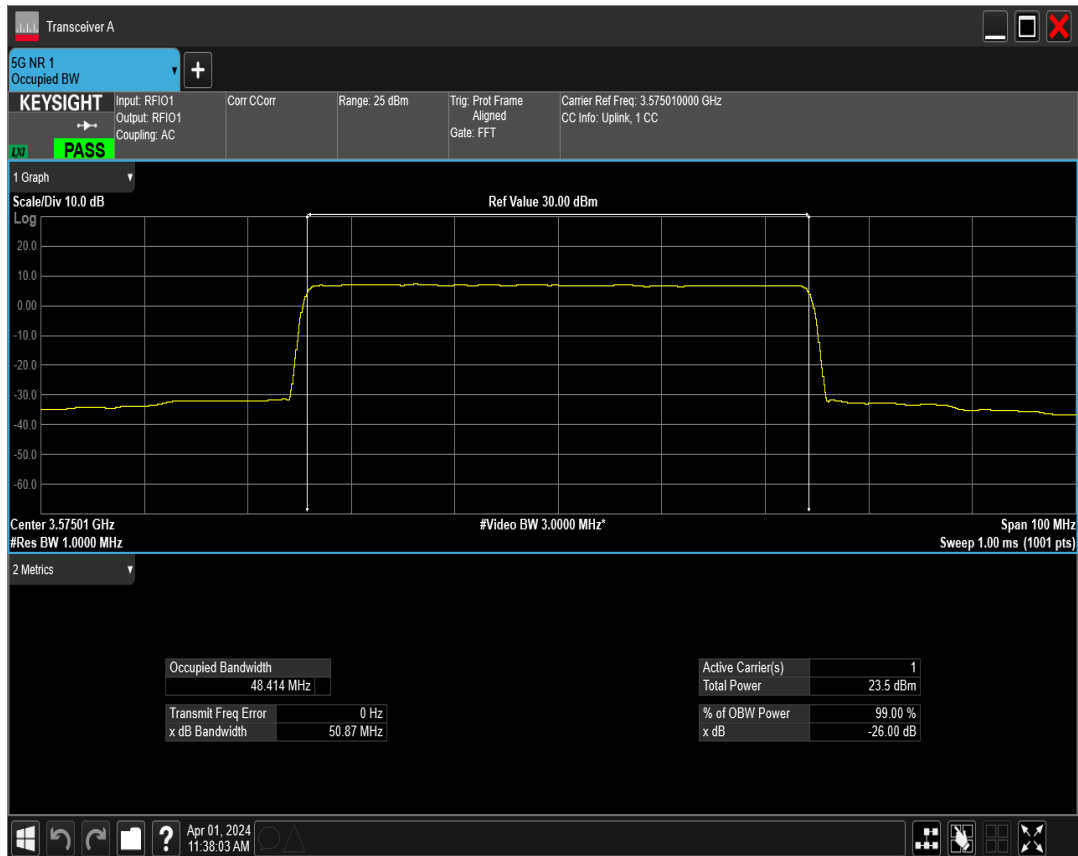
n77(3550-3700) SCS=15kHz DFT\_BPSK BW=50MHz Channel=638334 RB=270@0



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



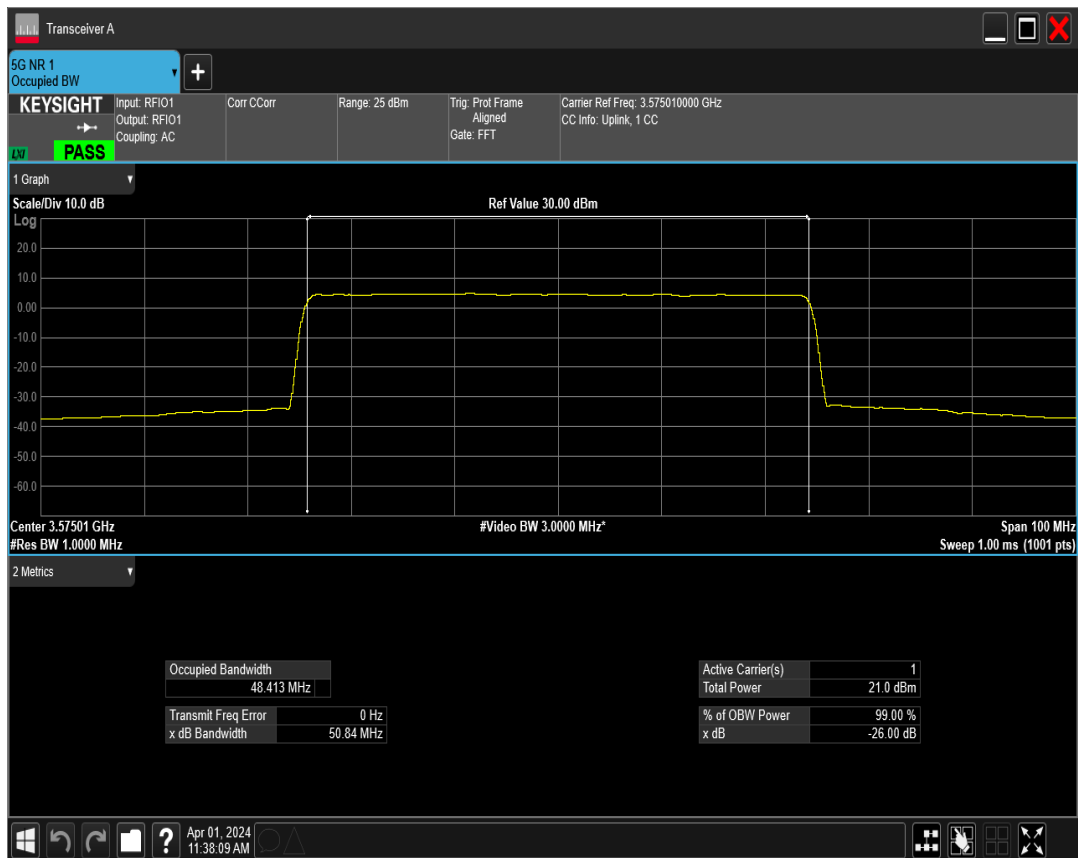
n77(3550-3700) SCS=15kHz DFT\_QAM16 BW=50MHz Channel=638334 RB=270@0



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

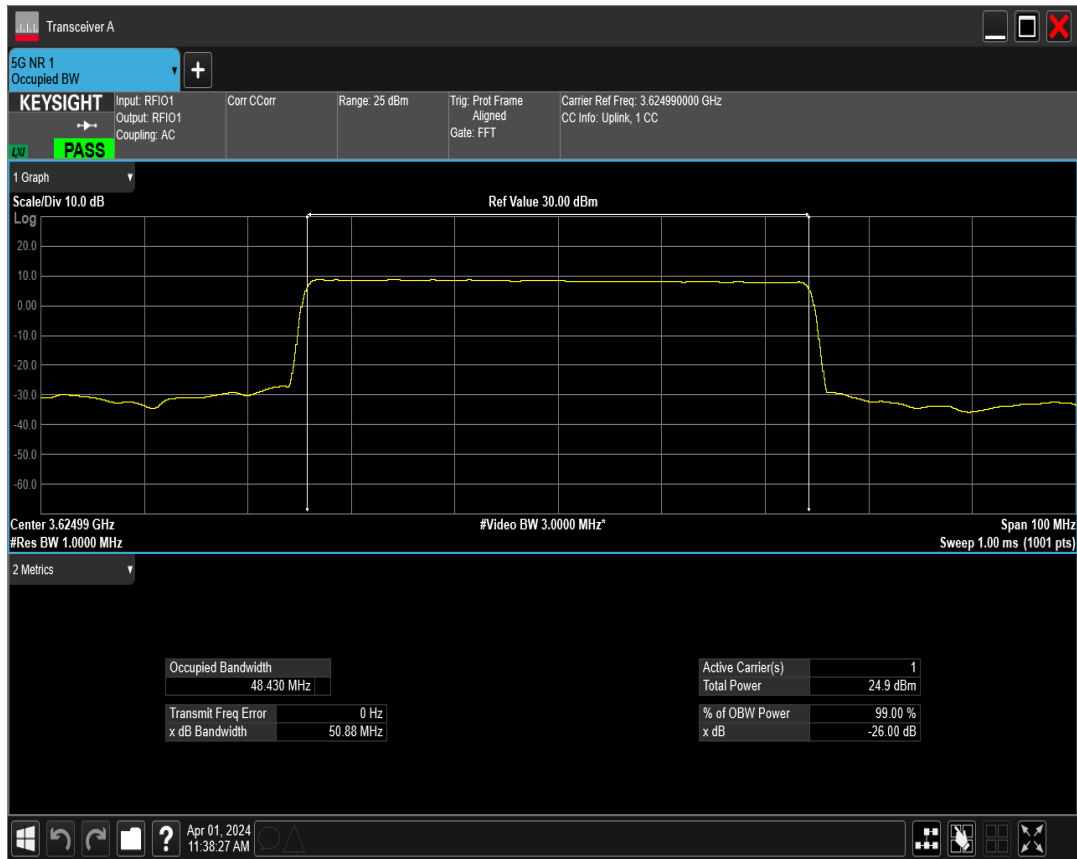


n77(3550-3700) SCS=15kHz CP\_QPSK BW=50MHz Channel=638334 RB=270@0





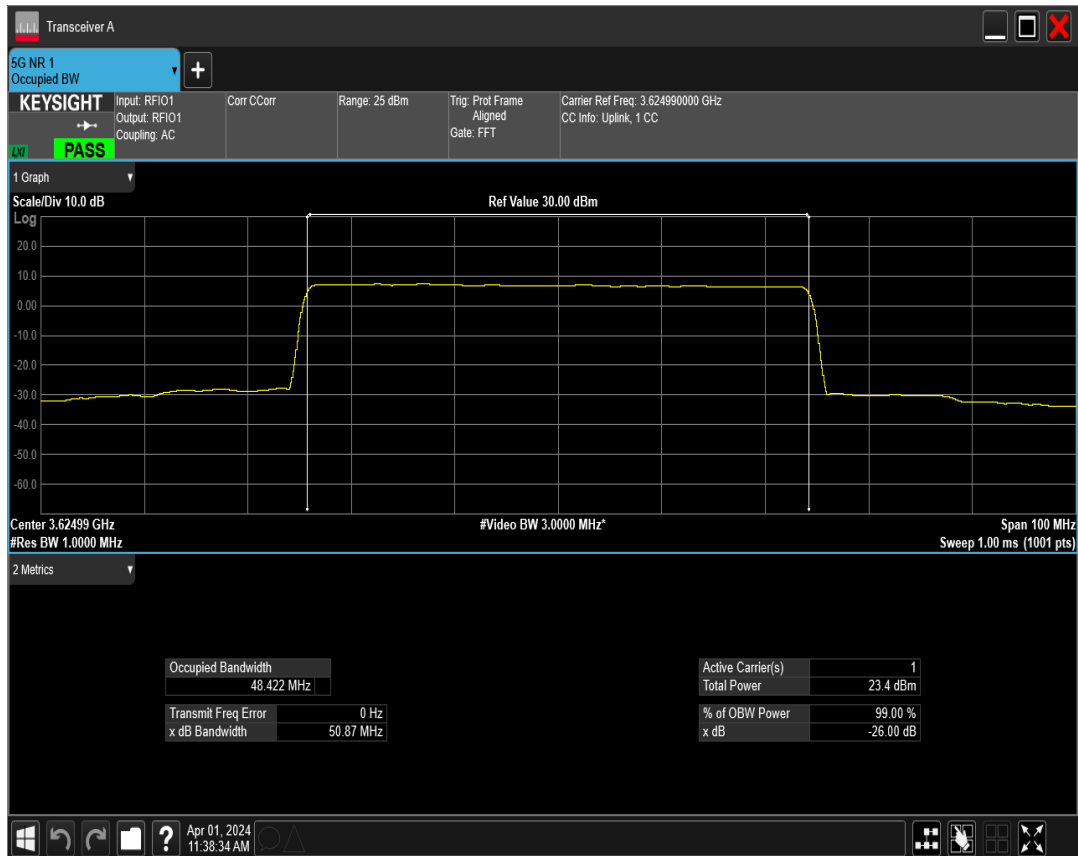
n77(3550-3700) SCS=15kHz DFT\_BPSK BW=50MHz Channel=641666 RB=270@0



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



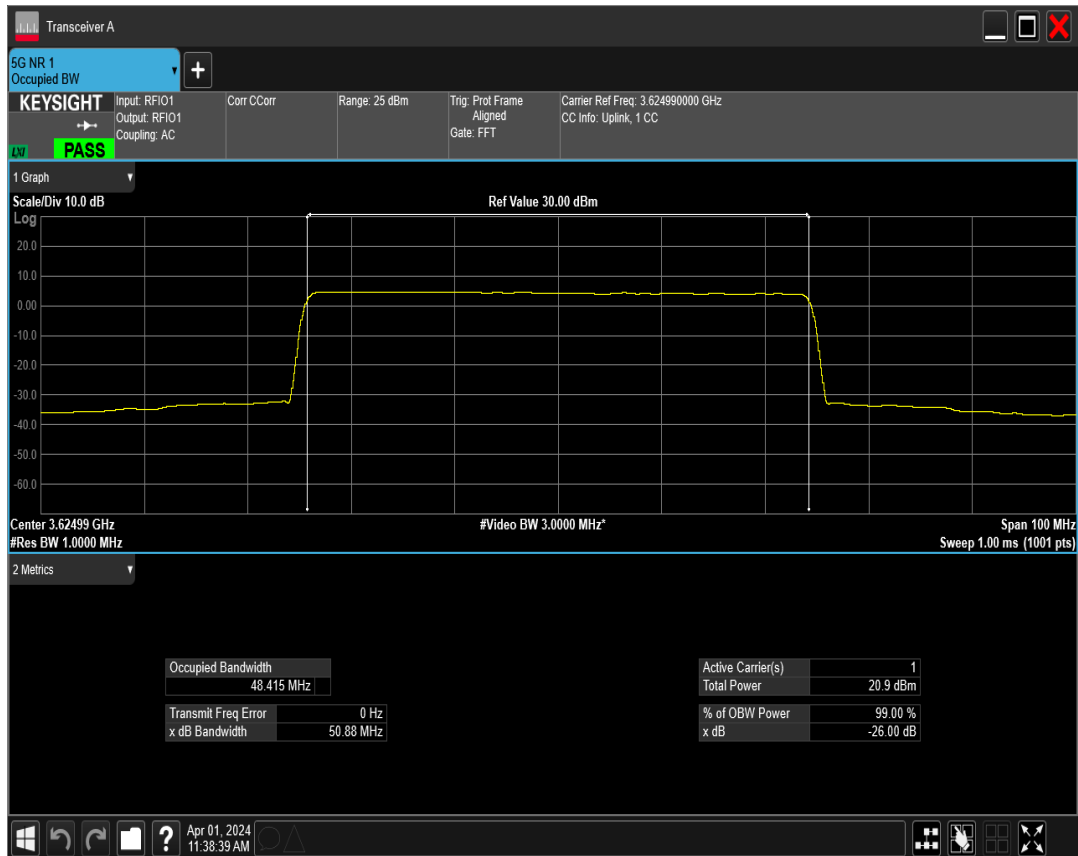
n77(3550-3700) SCS=15kHz DFT\_QAM16 BW=50MHz Channel=641666 RB=270@0



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



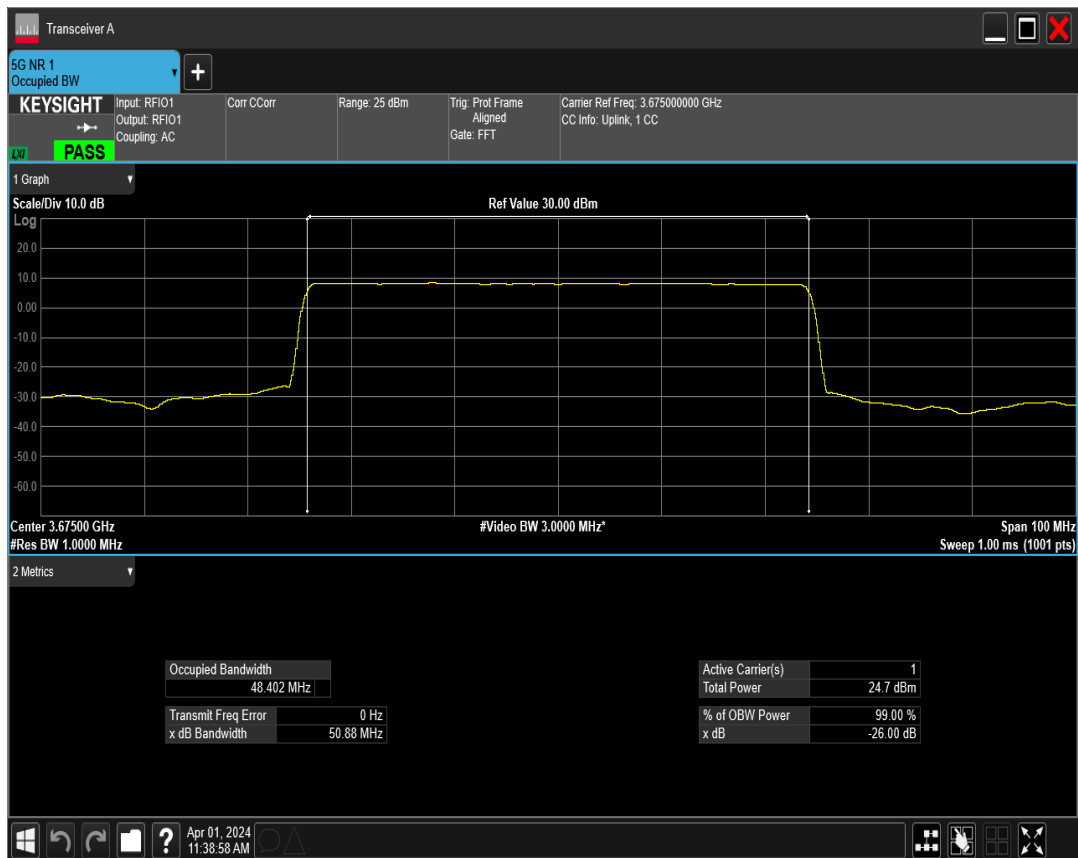
n77(3550-3700) SCS=15kHz DFT\_QAM256 BW=50MHz Channel=641666 RB=270@0



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



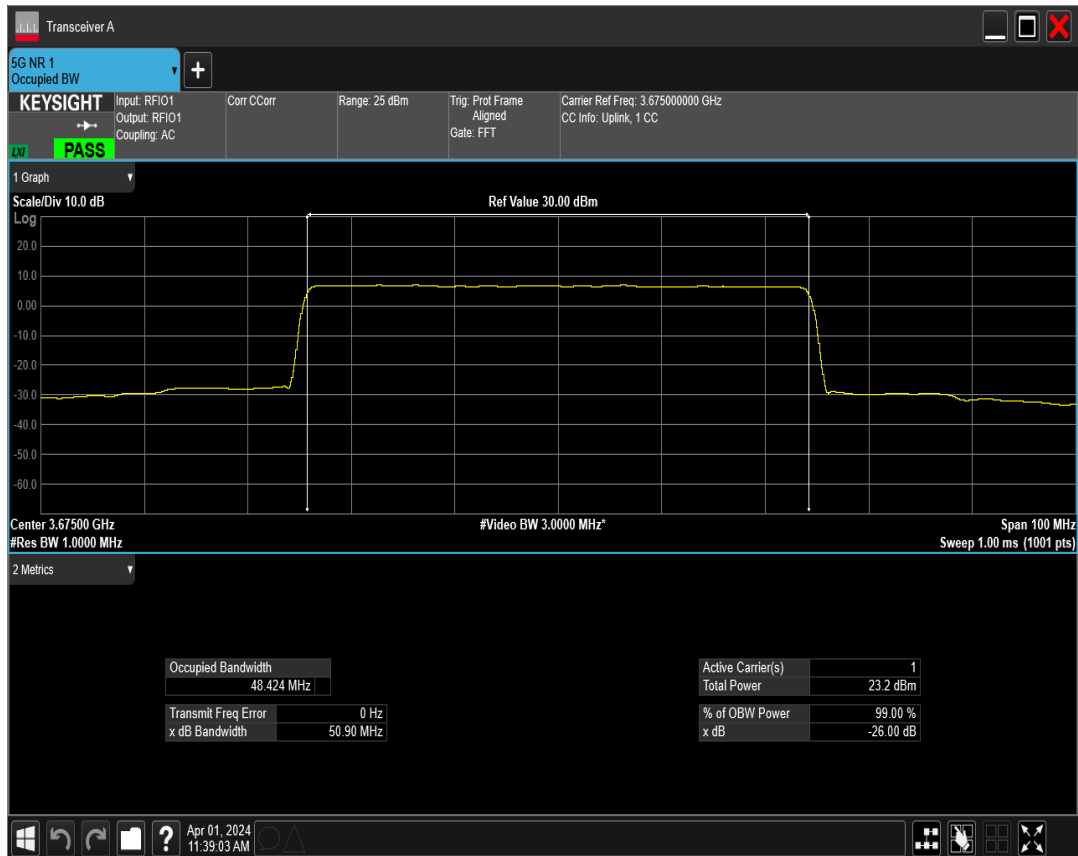
n77(3550-3700) SCS=15kHz DFT\_BPSK BW=50MHz Channel=645000 RB=270@0



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



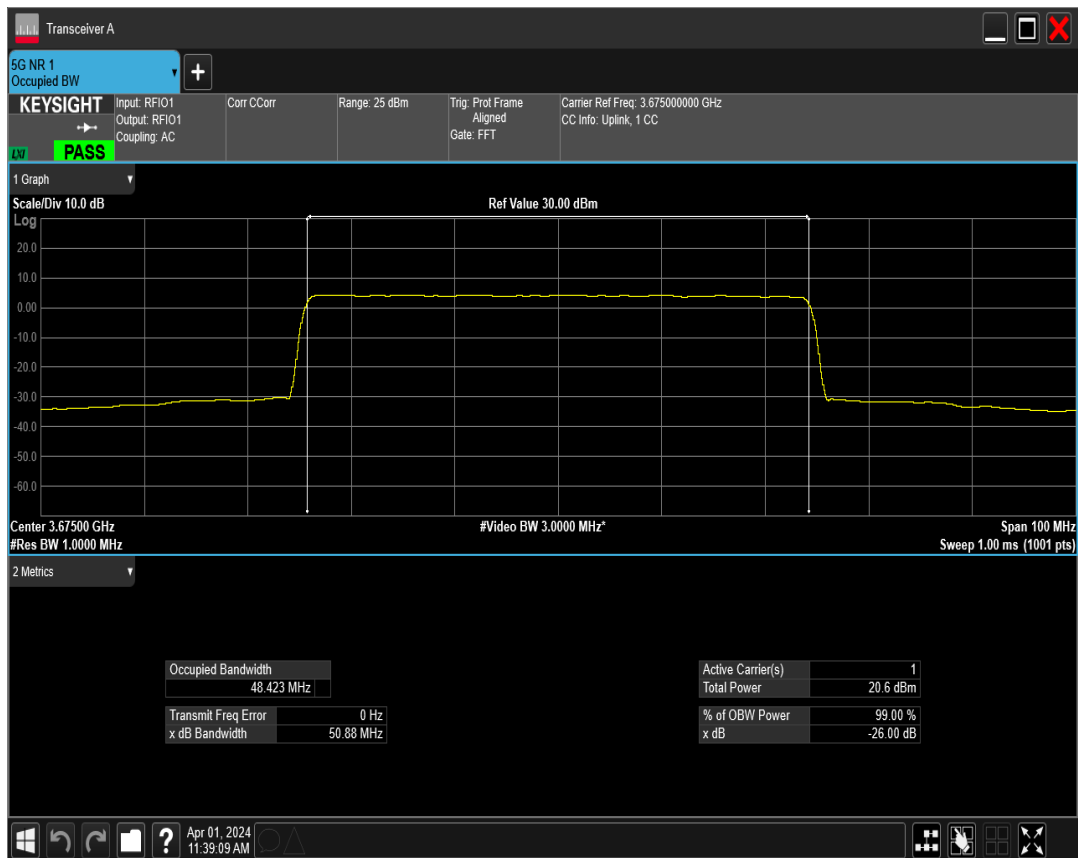
n77(3550-3700) SCS=15kHz DFT\_QAM16 BW=50MHz Channel=645000 RB=270@0



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



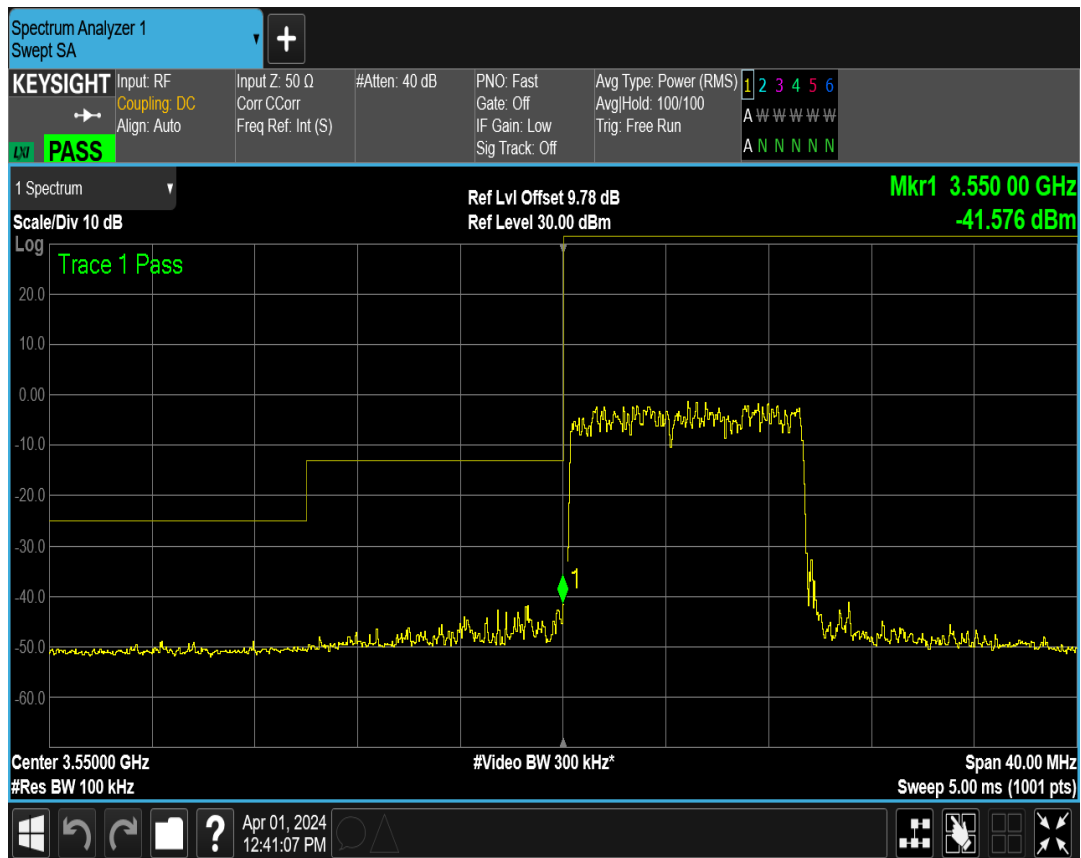
n77(3550-3700) SCS=15kHz CP\_QPSK BW=50MHz Channel=645000 RB=270@0



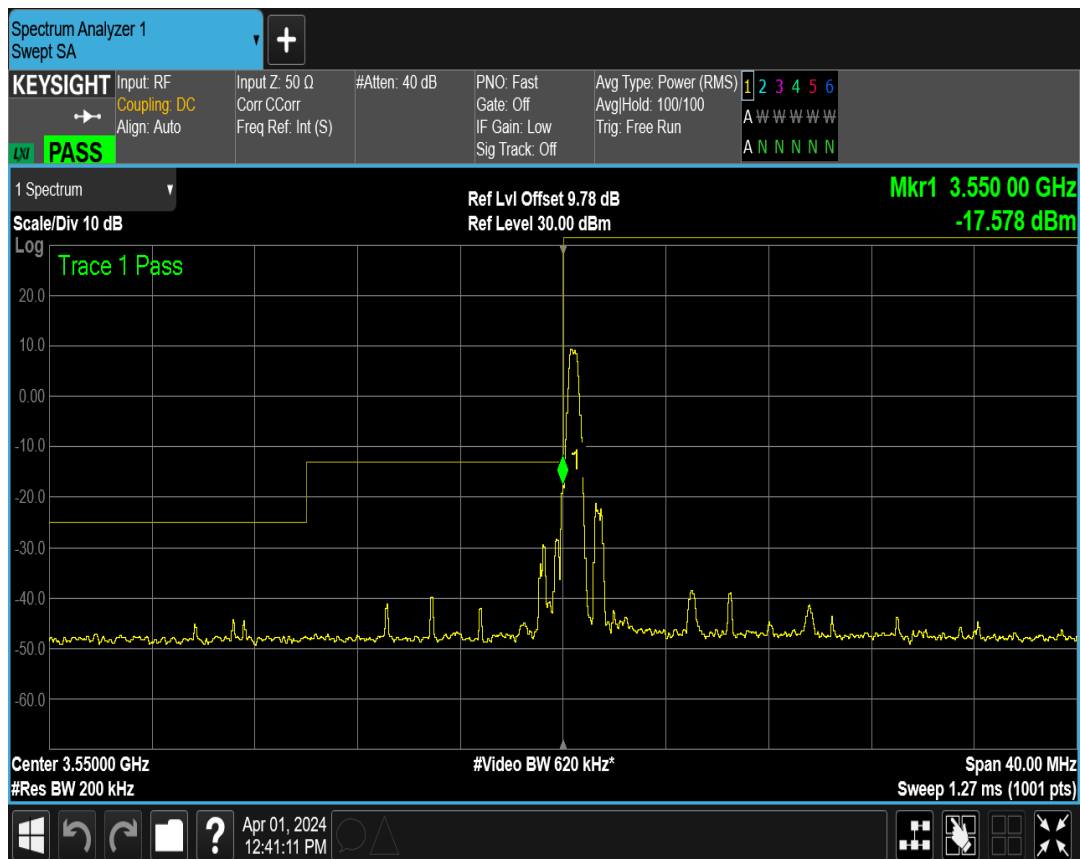
## 5 Band edge for NR FR1

| 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   | 3550.00            | -41.58              | -13            | PASS    |
| n77(3550-3700) | 15           | 10                 | 637000        | 1@0              | DFT_QPSK   | 3550.00            | -17.58              | -13            | PASS    |
| n77(3550-3700) | 15           | 10                 | 646332        | 50@0             | DFT_QPSK   | 3700.28            | -37.23              | -13            | PASS    |
| n77(3550-3700) | 15           | 10                 | 646332        | 1@51             | DFT_QPSK   | 3700.00            | -22.71              | -13            | PASS    |
| n77(3550-3700) | 15           | 50                 | 638334        | 270@0            | DFT_QPSK   | 3550.00            | -35.96              | -13            | PASS    |
| n77(3550-3700) | 15           | 50                 | 638334        | 1@0              | DFT_QPSK   | 3549.00            | -41.27              | -13            | PASS    |
| n77(3550-3700) | 15           | 50                 | 645000        | 270@0            | DFT_QPSK   | 3700.00            | -23.88              | -13            | PASS    |
| n77(3550-3700) | 15           | 50                 | 645000        | 1@269            | DFT_QPSK   | 3700.00            | -32.67              | -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

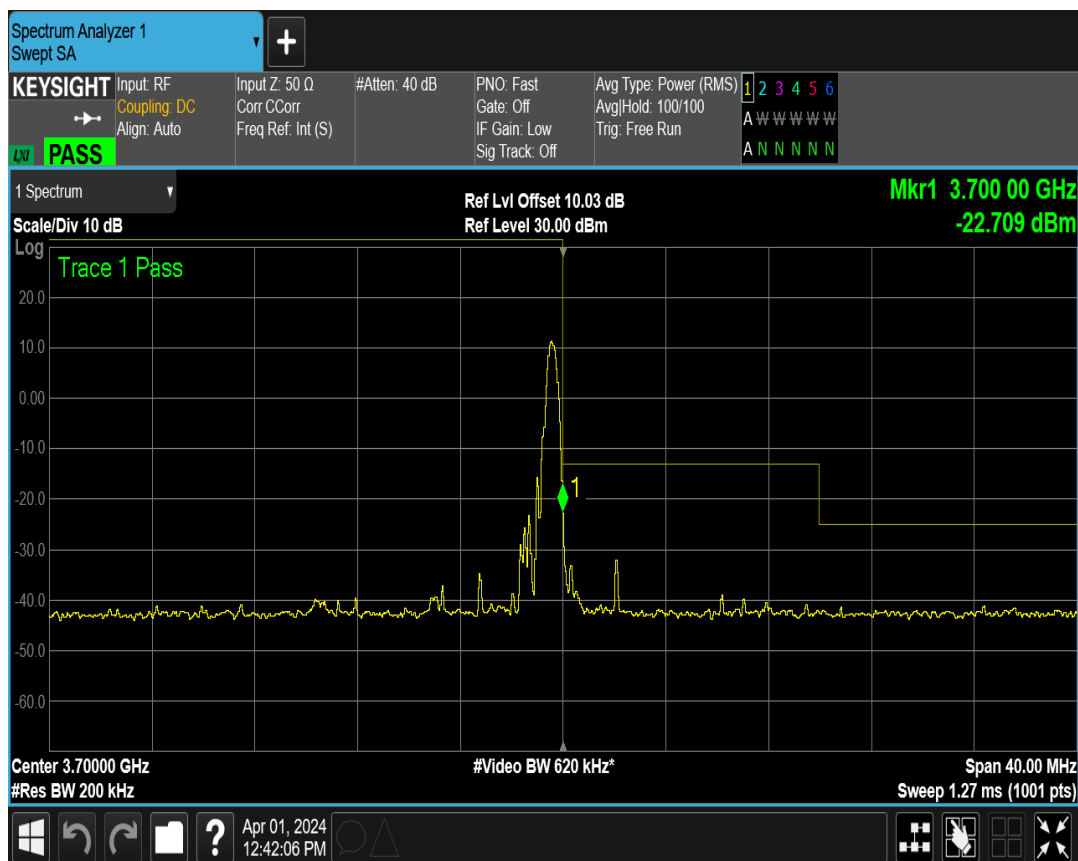




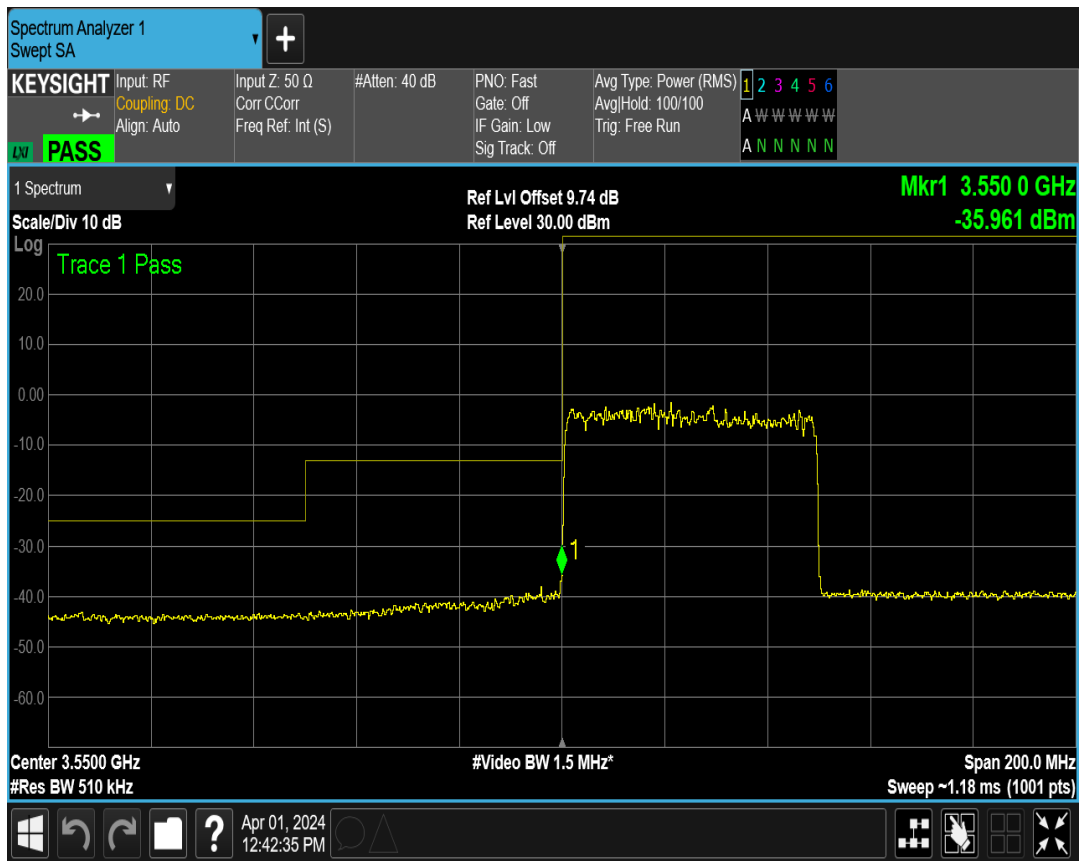
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=10MHz Channel=646332 RB=50@0



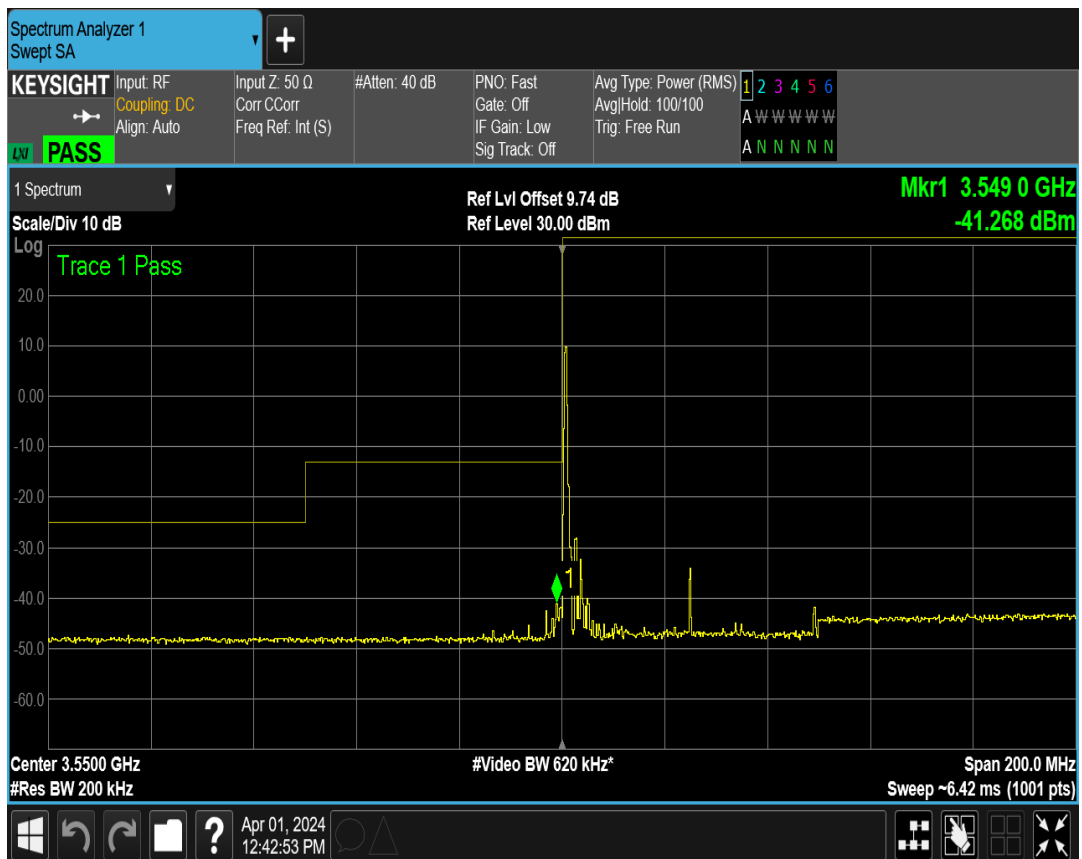
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=10MHz Channel=646332 RB=1@51



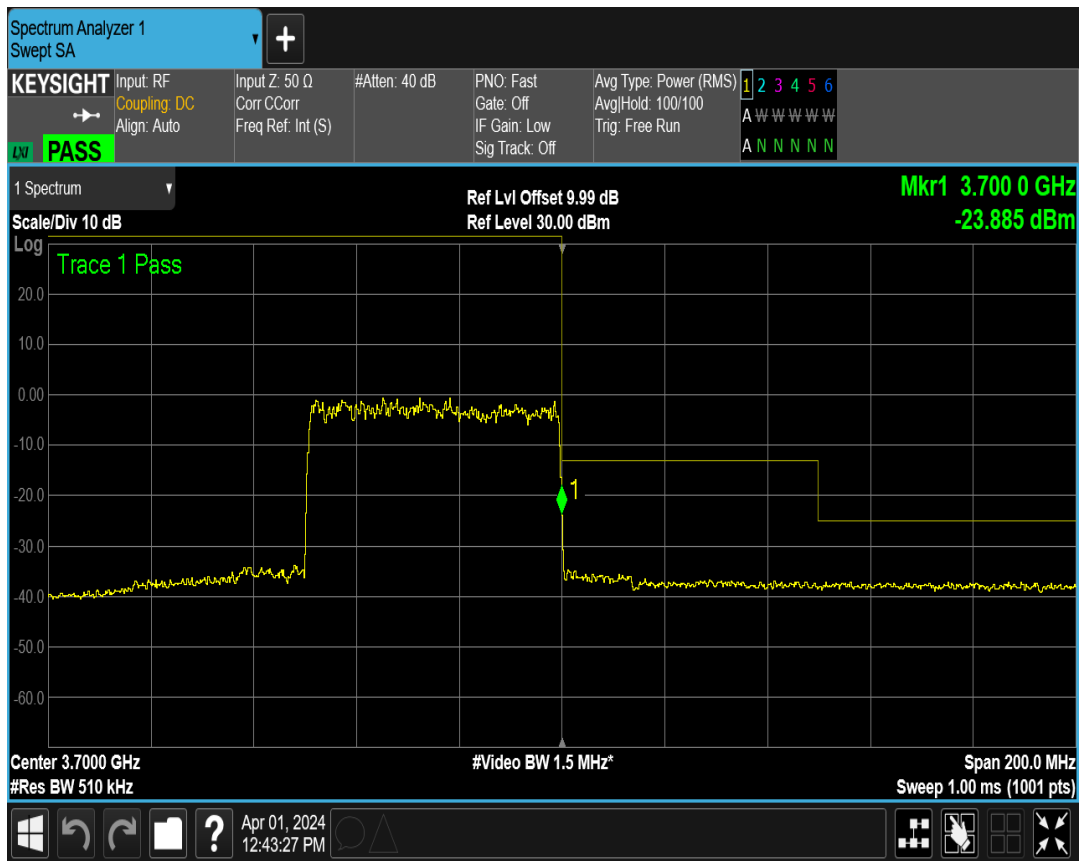
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=50MHz Channel=638334 RB=270@0



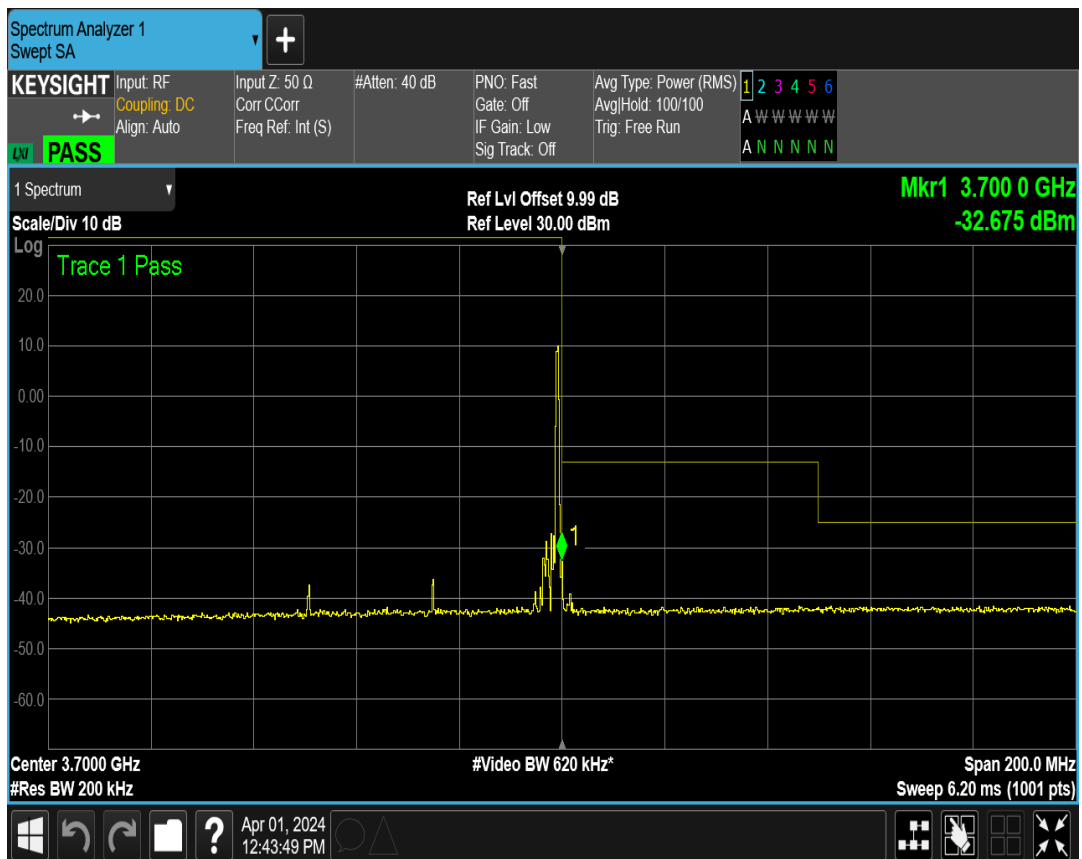
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=50MHz Channel=638334 RB=1@0



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



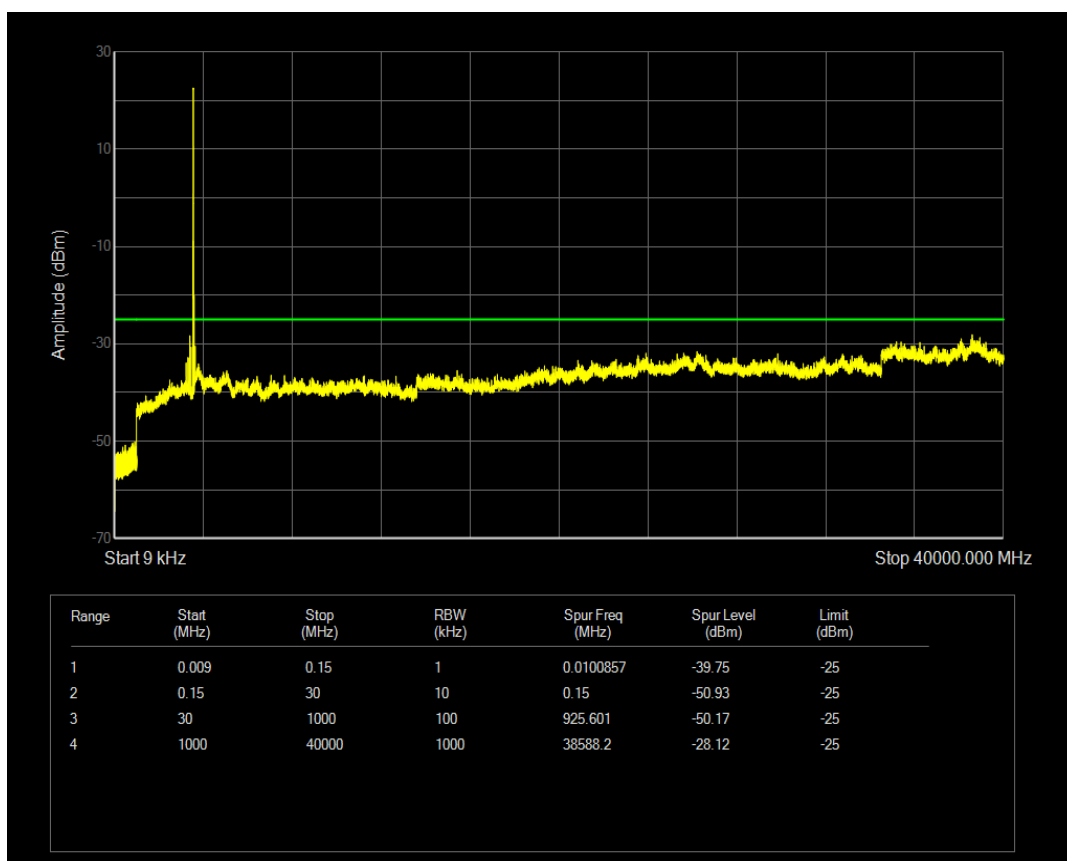
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=50MHz Channel=645000 RB=1@269



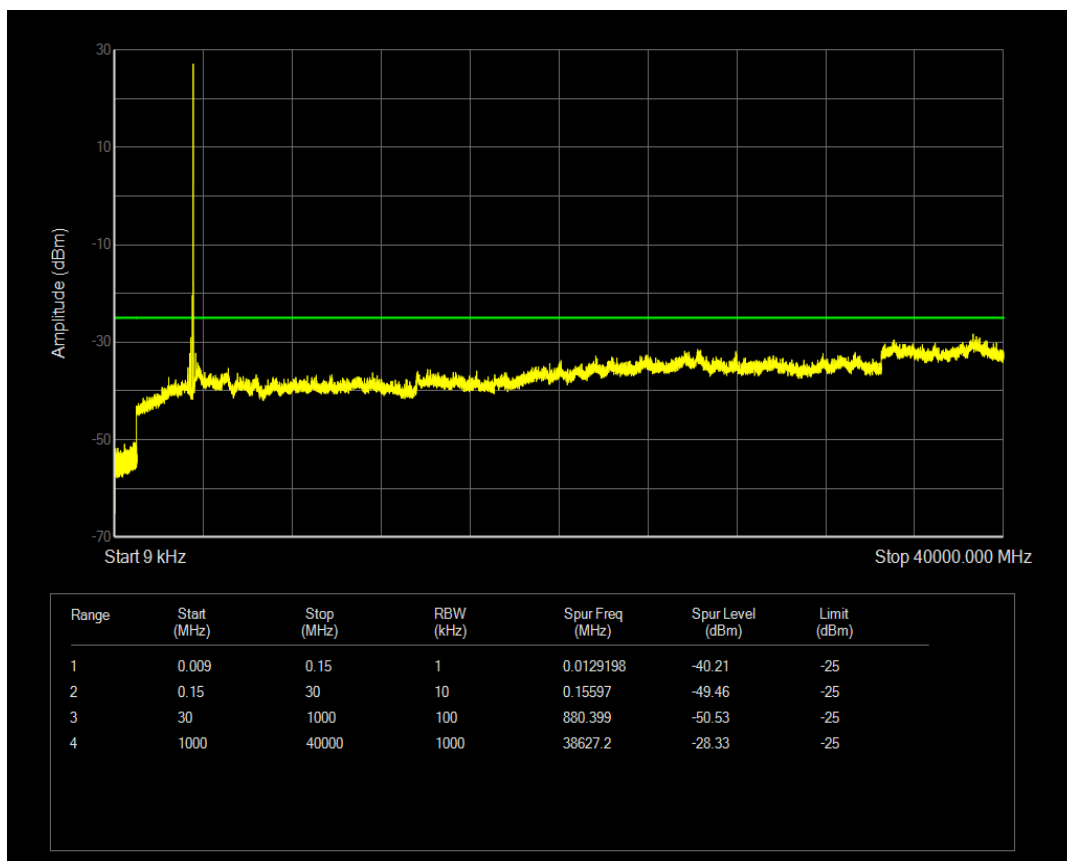
## 6 Out-of-band emissions for NR FR1

| 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   | 38588.20           | -28.12              | -25            | PASS    |
| n77(3550-3700) | 15           | 10                 | 637000        | 1@0              | DFT_QPSK   | 38627.20           | -28.33              | -25            | PASS    |
| n77(3550-3700) | 15           | 10                 | 637000        | 1@51             | DFT_QPSK   | 38755.90           | -29.33              | -25            | PASS    |
| n77(3550-3700) | 15           | 10                 | 641666        | 50@0             | DFT_QPSK   | 38677.90           | -27.93              | -25            | PASS    |
| n77(3550-3700) | 15           | 10                 | 641666        | 1@0              | DFT_QPSK   | 38603.80           | -28.88              | -25            | PASS    |
| n77(3550-3700) | 15           | 10                 | 641666        | 1@51             | DFT_QPSK   | 38872.90           | -28.88              | -25            | PASS    |
| n77(3550-3700) | 15           | 10                 | 646332        | 50@0             | DFT_QPSK   | 38724.70           | -28.26              | -25            | PASS    |
| n77(3550-3700) | 15           | 10                 | 646332        | 1@0              | DFT_QPSK   | 35050.90           | -26.83              | -25            | PASS    |
| n77(3550-3700) | 15           | 10                 | 646332        | 1@51             | DFT_QPSK   | 3749.50            | -25.04              | -25            | PASS    |
| n77(3550-3700) | 15           | 50                 | 638334        | 270@0            | DFT_QPSK   | 38619.40           | -28.64              | -25            | PASS    |
| n77(3550-3700) | 15           | 50                 | 638334        | 1@0              | DFT_QPSK   | 38685.70           | -28.36              | -25            | PASS    |
| n77(3550-3700) | 15           | 50                 | 638334        | 1@269            | DFT_QPSK   | 38623.30           | -28.88              | -25            | PASS    |
| n77(3550-3700) | 15           | 50                 | 641666        | 270@0            | DFT_QPSK   | 38557.00           | -28.51              | -25            | PASS    |
| n77(3550-3700) | 15           | 50                 | 641666        | 1@0              | DFT_QPSK   | 38486.80           | -27.46              | -25            | PASS    |
| n77(3550-3700) | 15           | 50                 | 641666        | 1@269            | DFT_QPSK   | 38666.20           | -28.92              | -25            | PASS    |
| n77(3550-3700) | 15           | 50                 | 645000        | 270@0            | DFT_QPSK   | 38818.30           | -28.63              | -25            | PASS    |
| n77(3550-3700) | 15           | 50                 | 645000        | 1@0              | DFT_QPSK   | 35152.30           | -27.22              | -25            | PASS    |
| n77(3550-3700) | 15           | 50                 | 645000        | 1@269            | DFT_QPSK   | 35144.50           | -27.92              | -25            | PASS    |

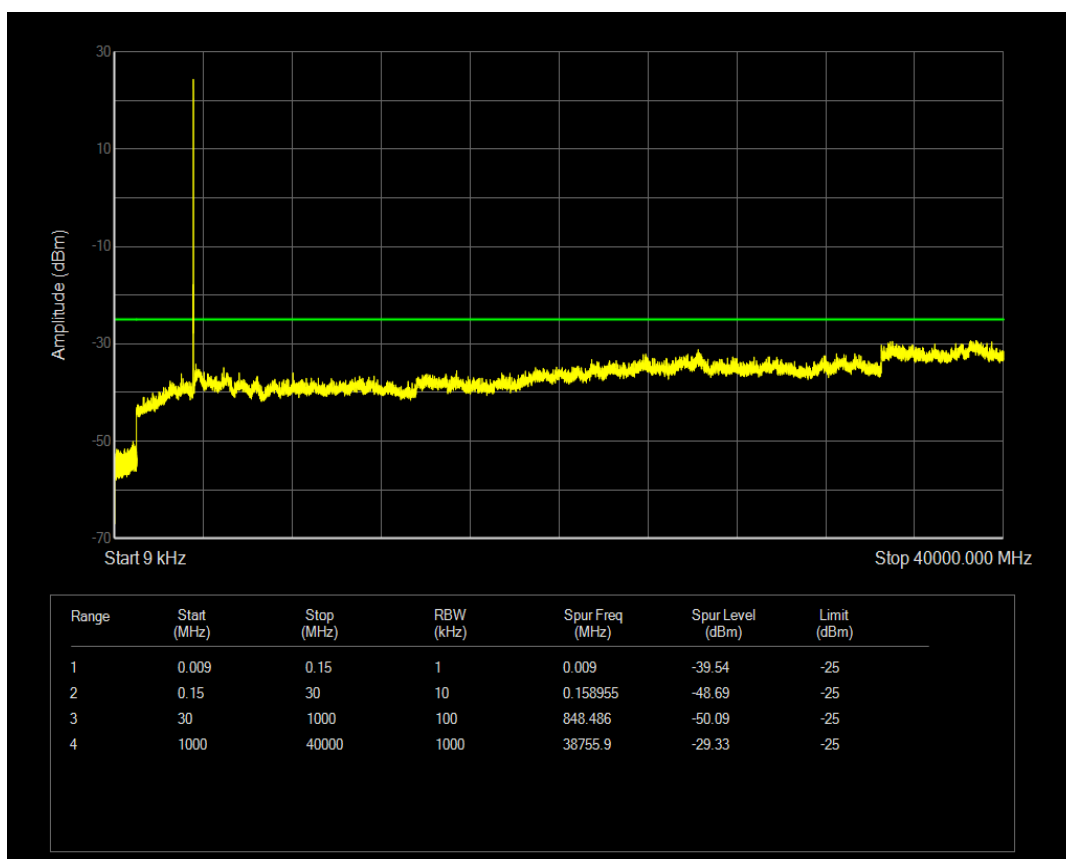
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=10MHz Channel=637000 RB=50@0



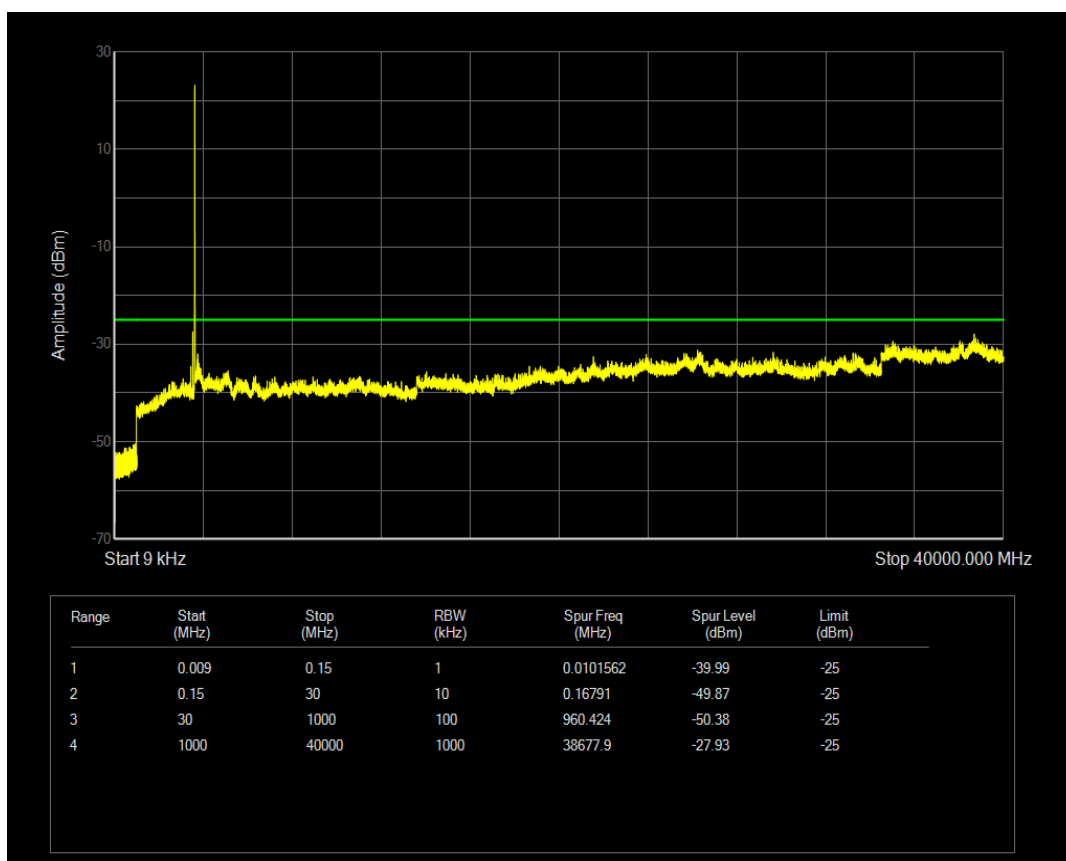
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=10MHz Channel=637000 RB=1@0



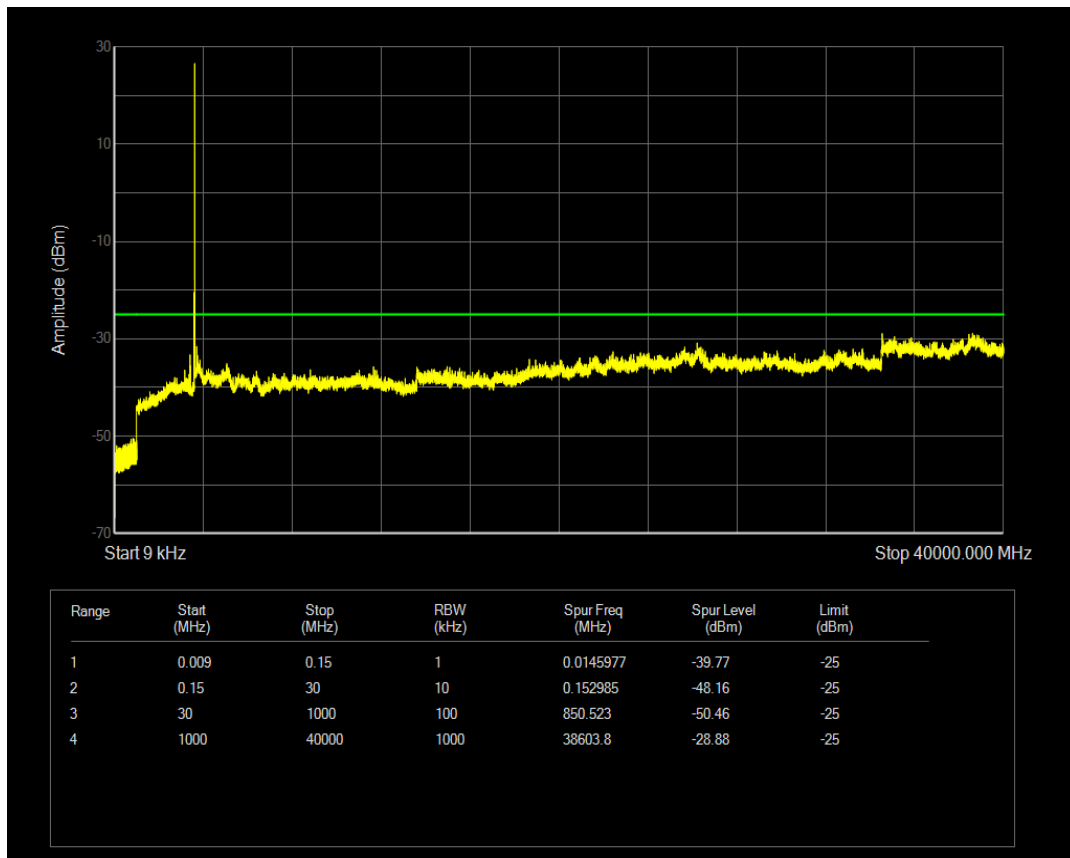
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=10MHz Channel=637000 RB=1@51



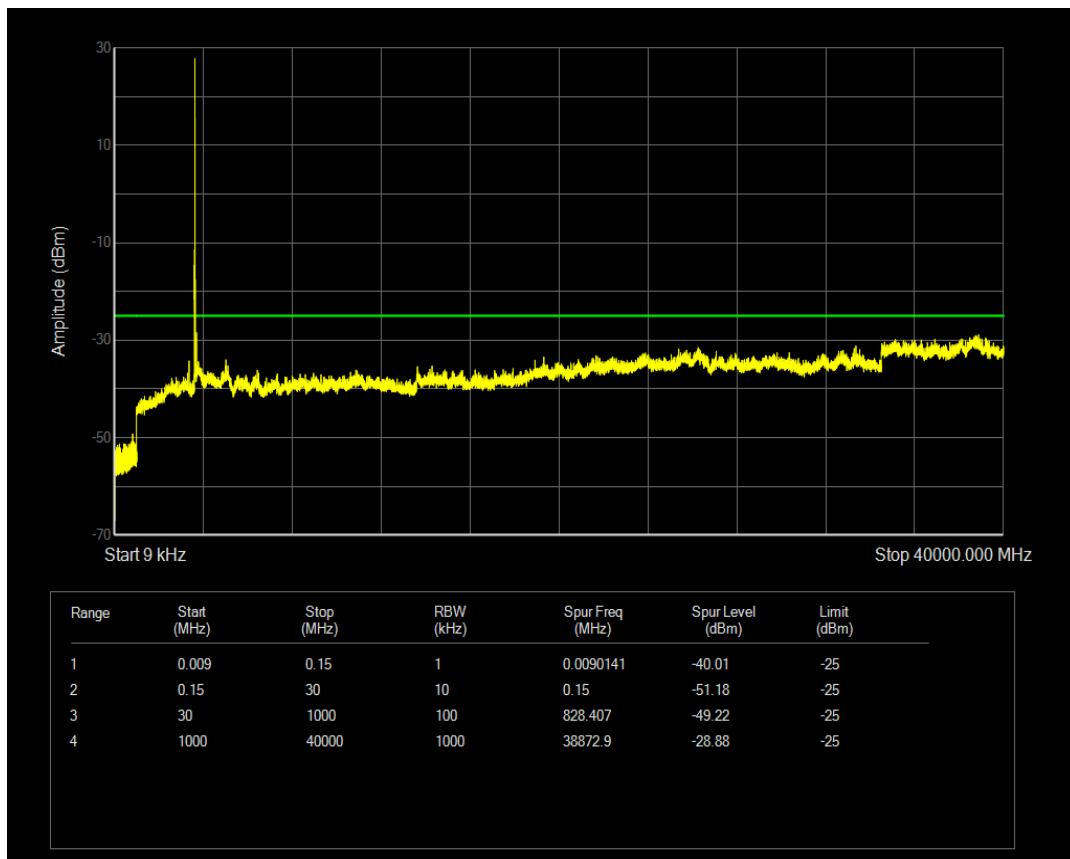
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=10MHz Channel=641666 RB=50@0



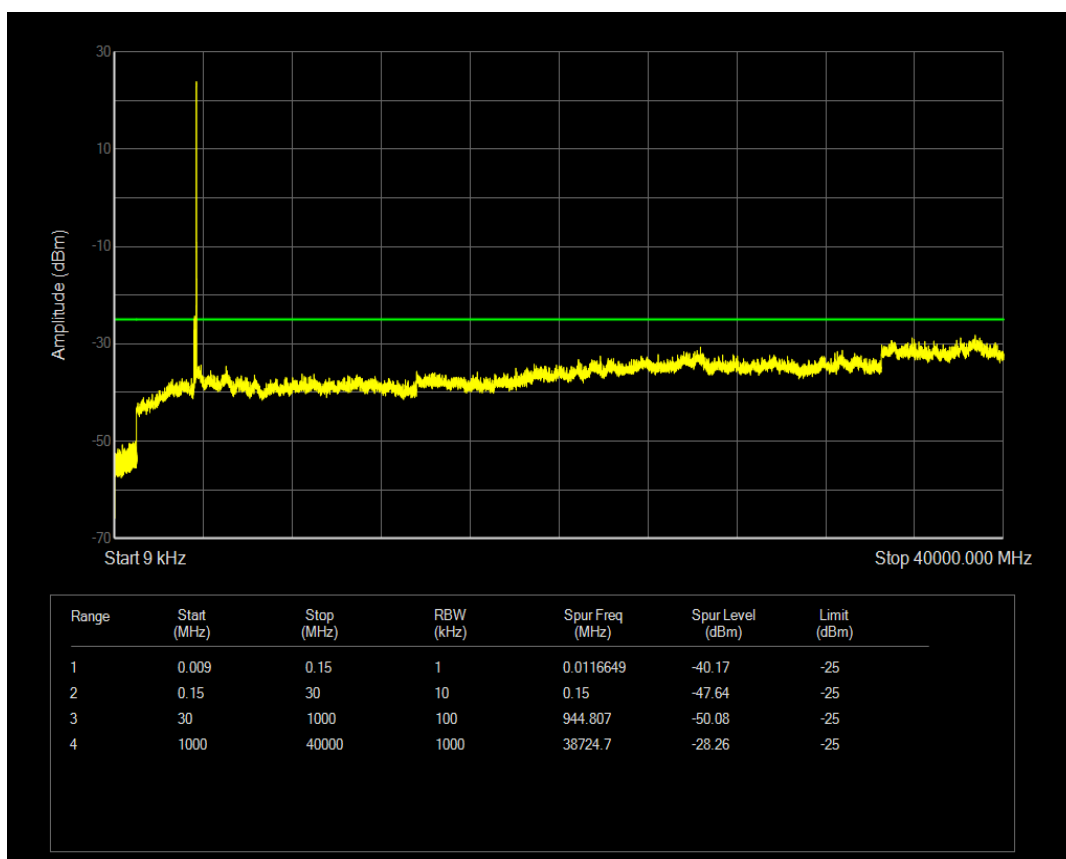
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=10MHz Channel=641666 RB=1@0



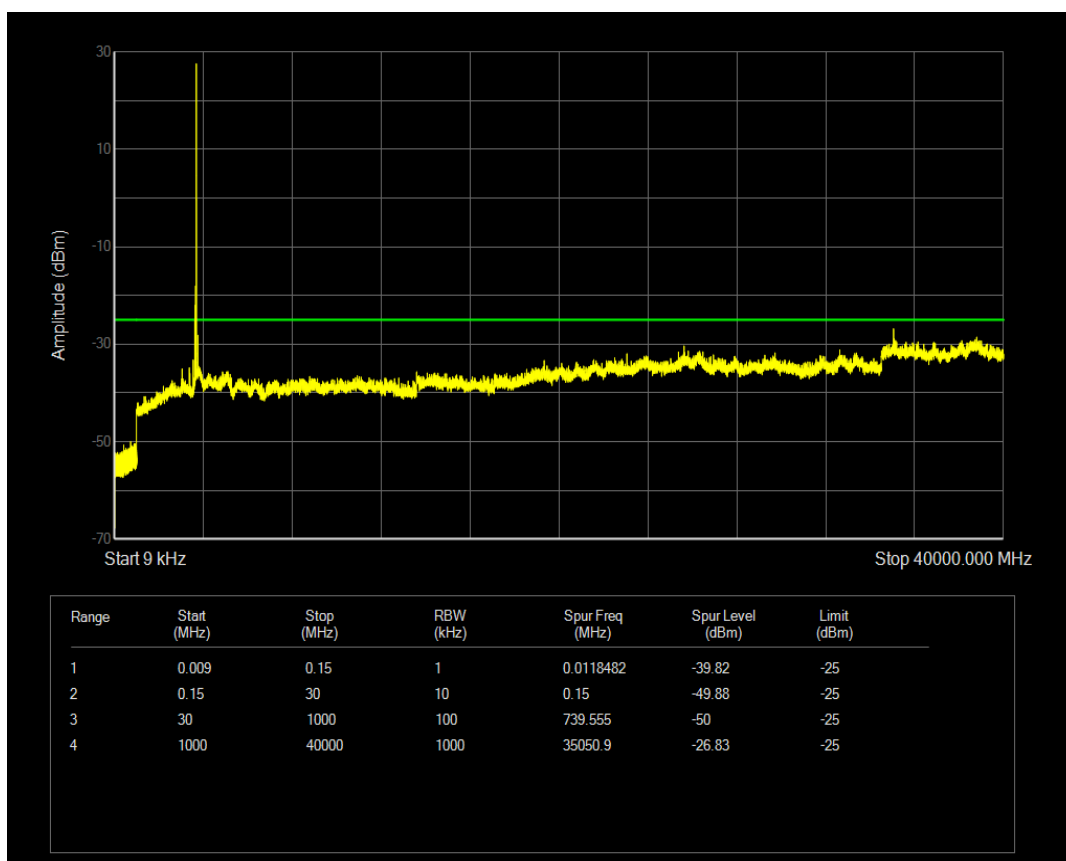
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=10MHz Channel=641666 RB=1@51



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

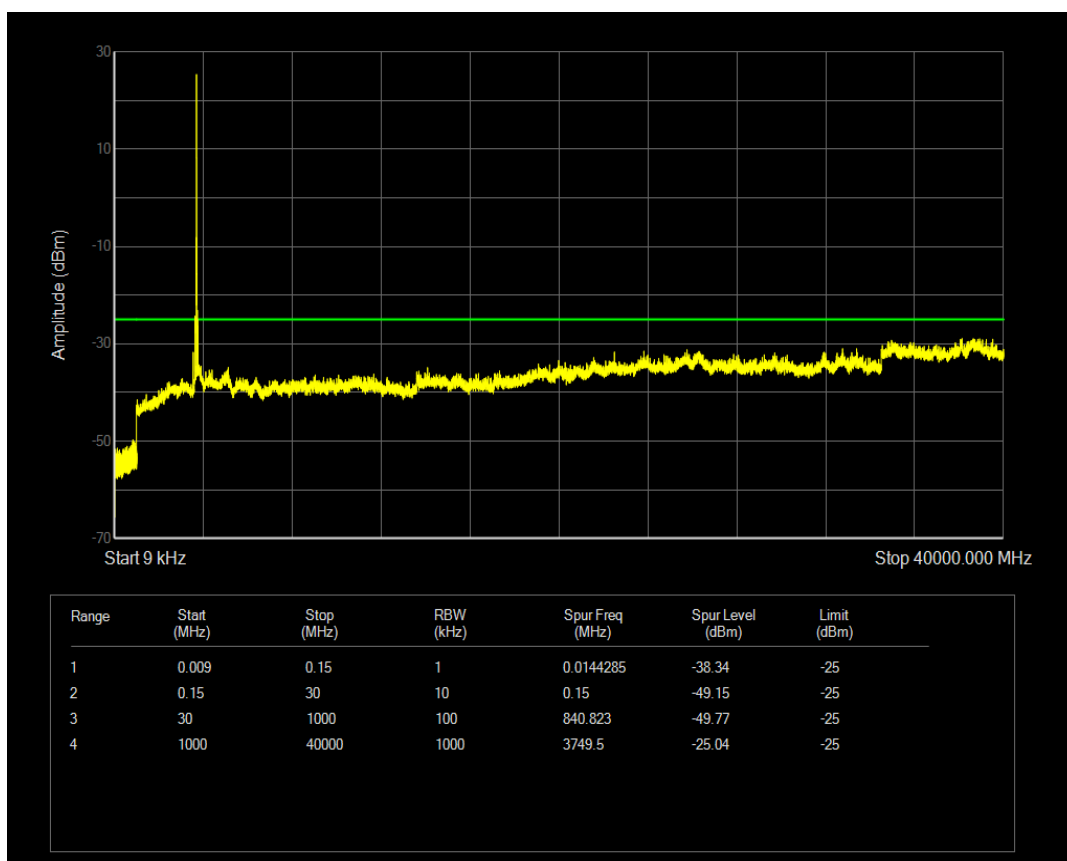


n77(3550-3700) SCS=15kHz DFT\_QPSK BW=10MHz Channel=646332 RB=1@0

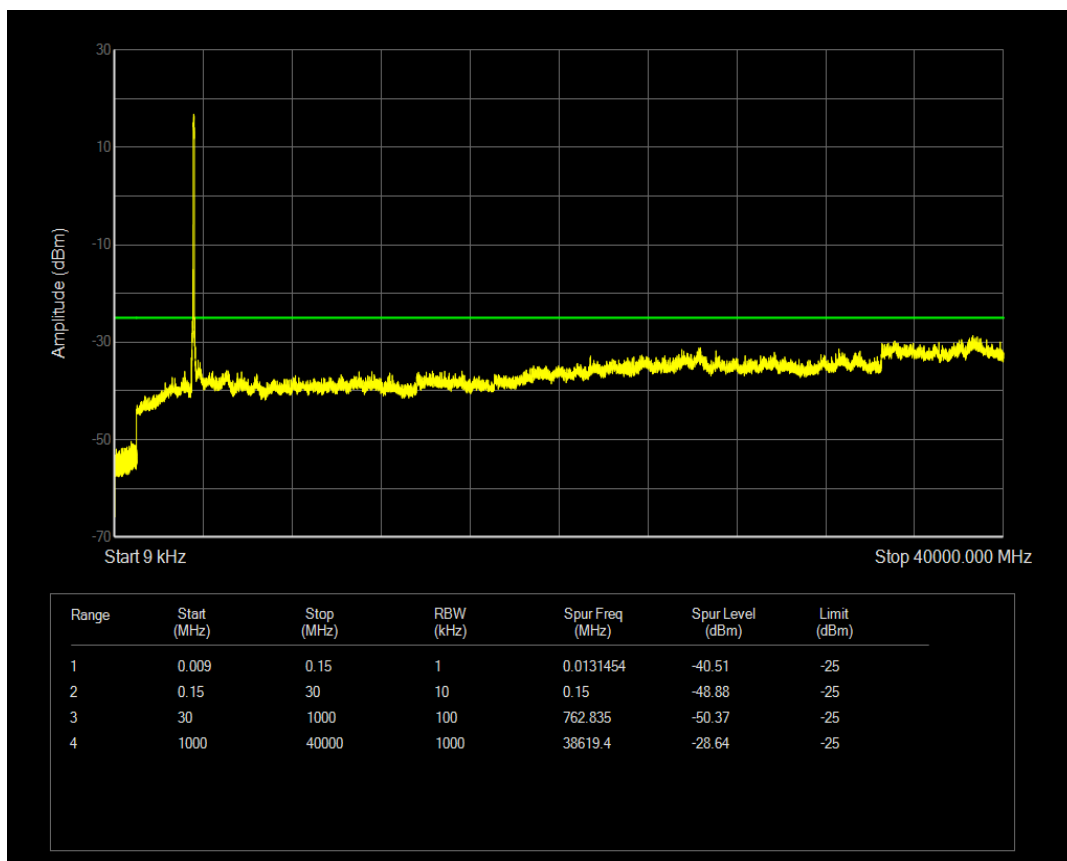




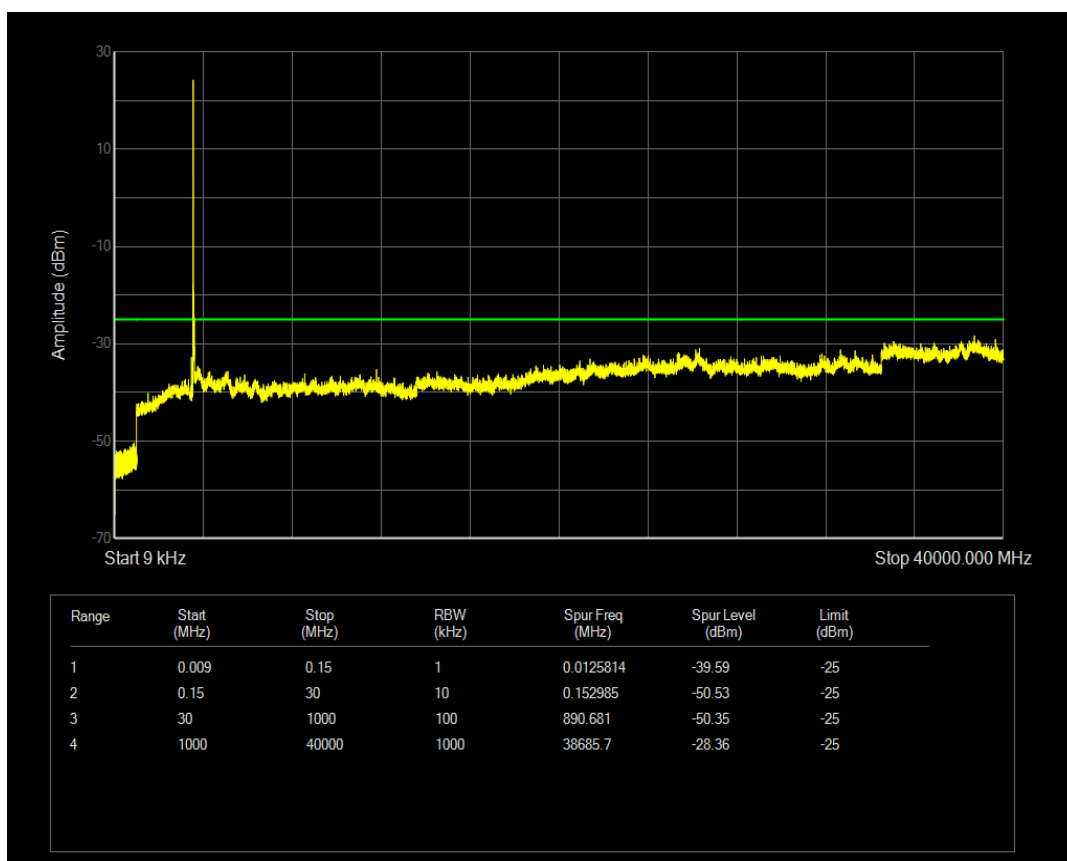
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=10MHz Channel=646332 RB=1@51



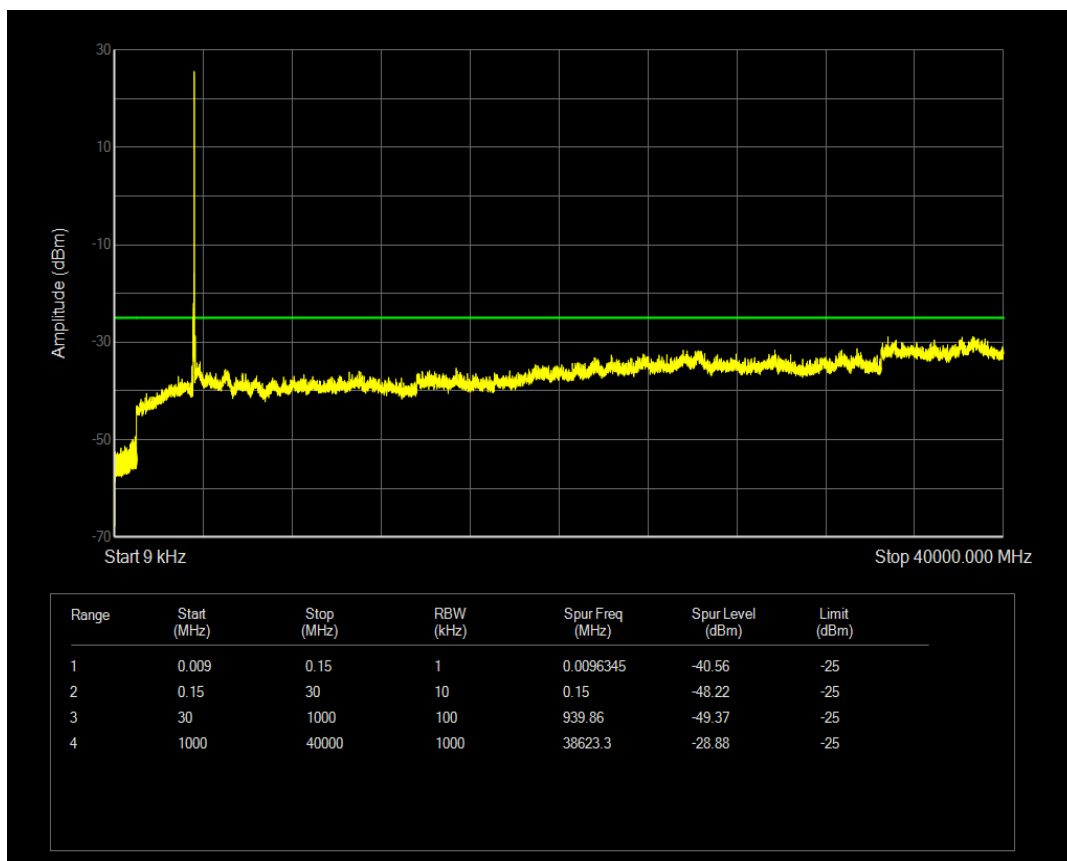
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=50MHz Channel=638334 RB=270@0



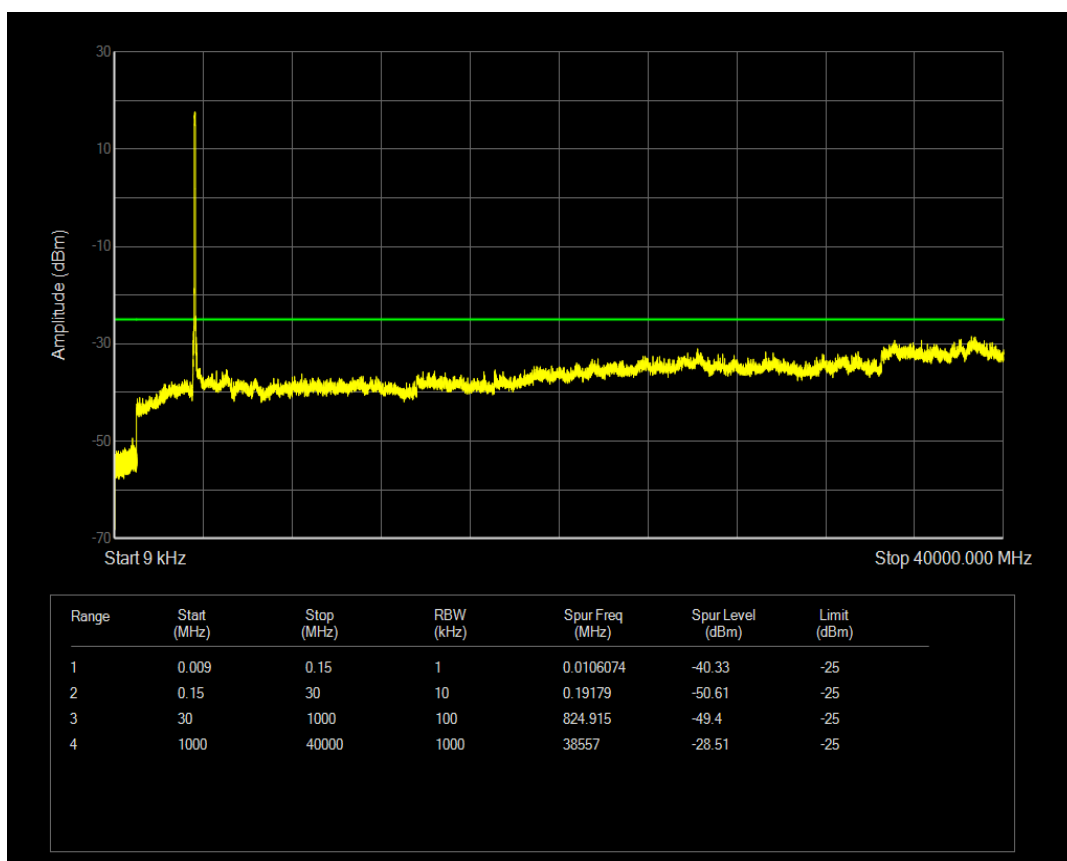
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=50MHz Channel=638334 RB=1@0



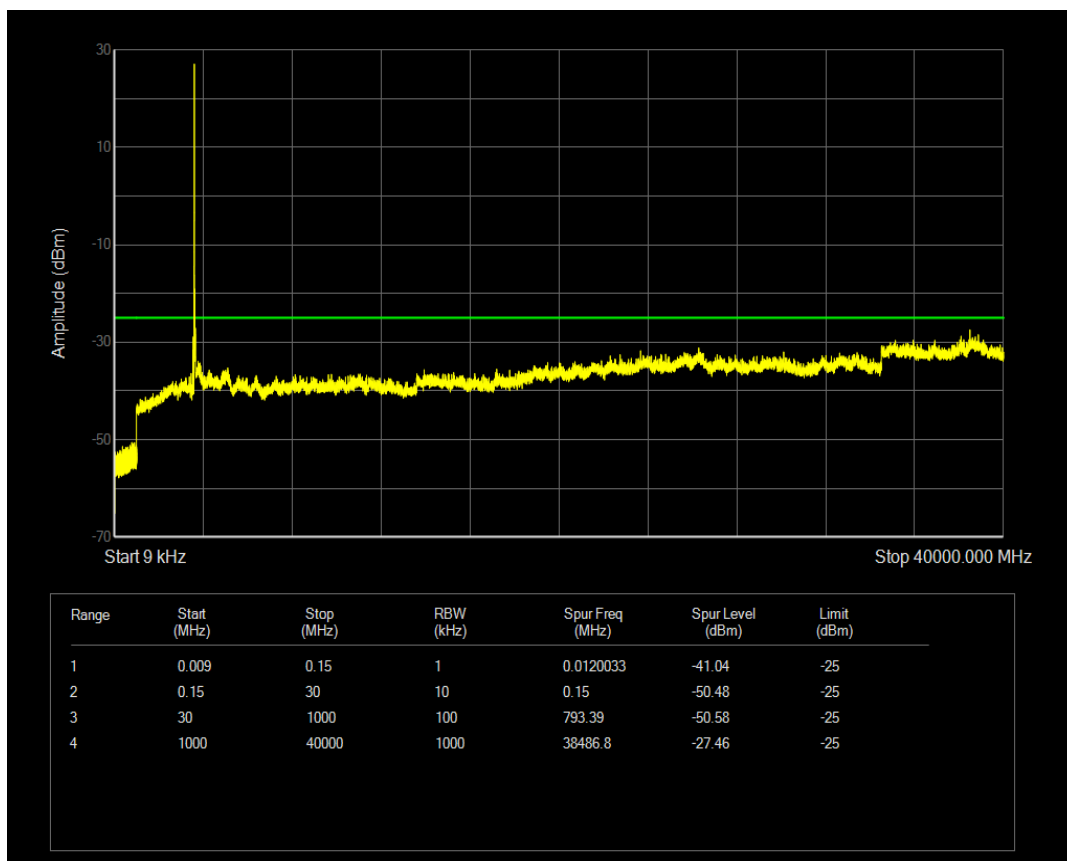
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=50MHz Channel=638334 RB=1@269



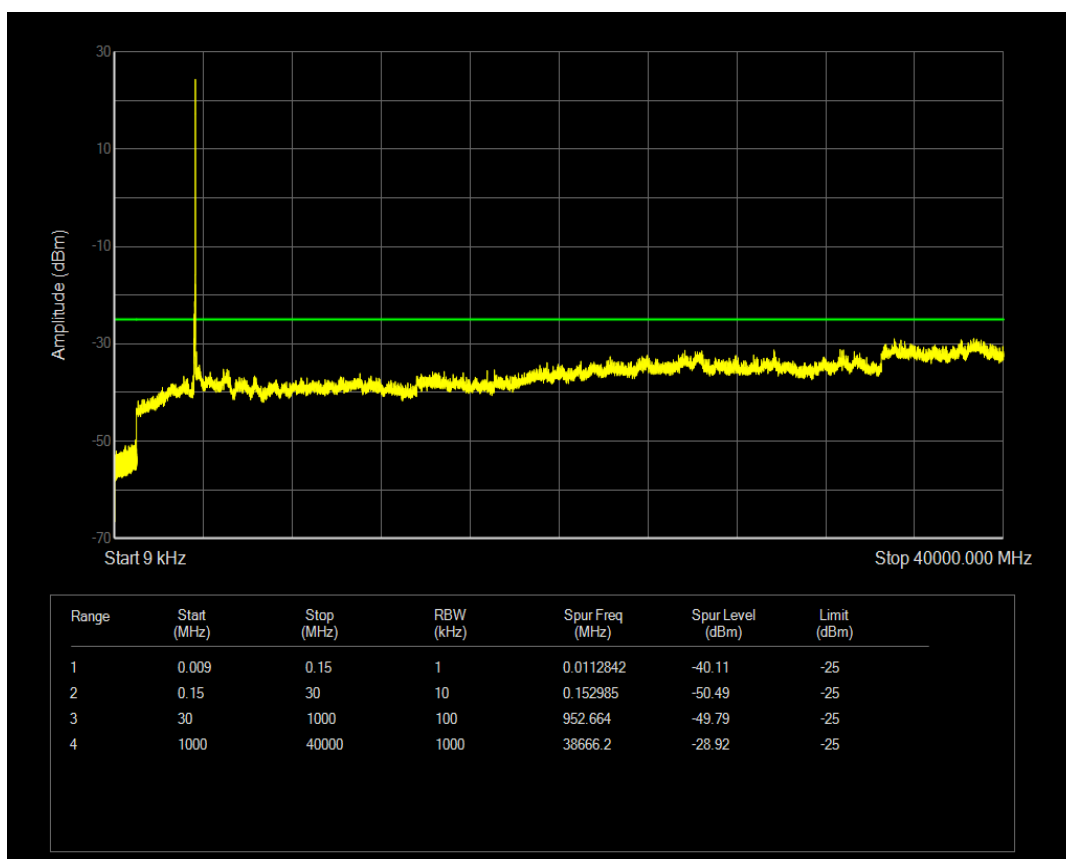
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=50MHz Channel=641666 RB=270@0



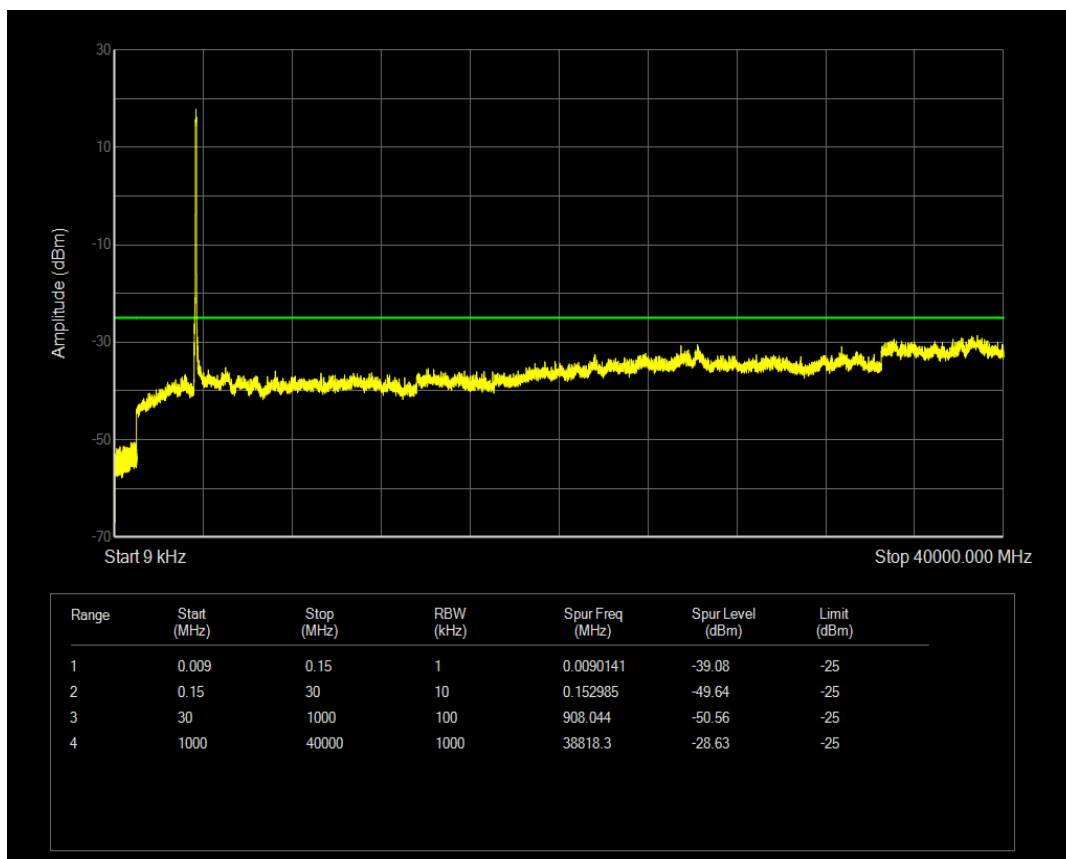
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=50MHz Channel=641666 RB=1@0



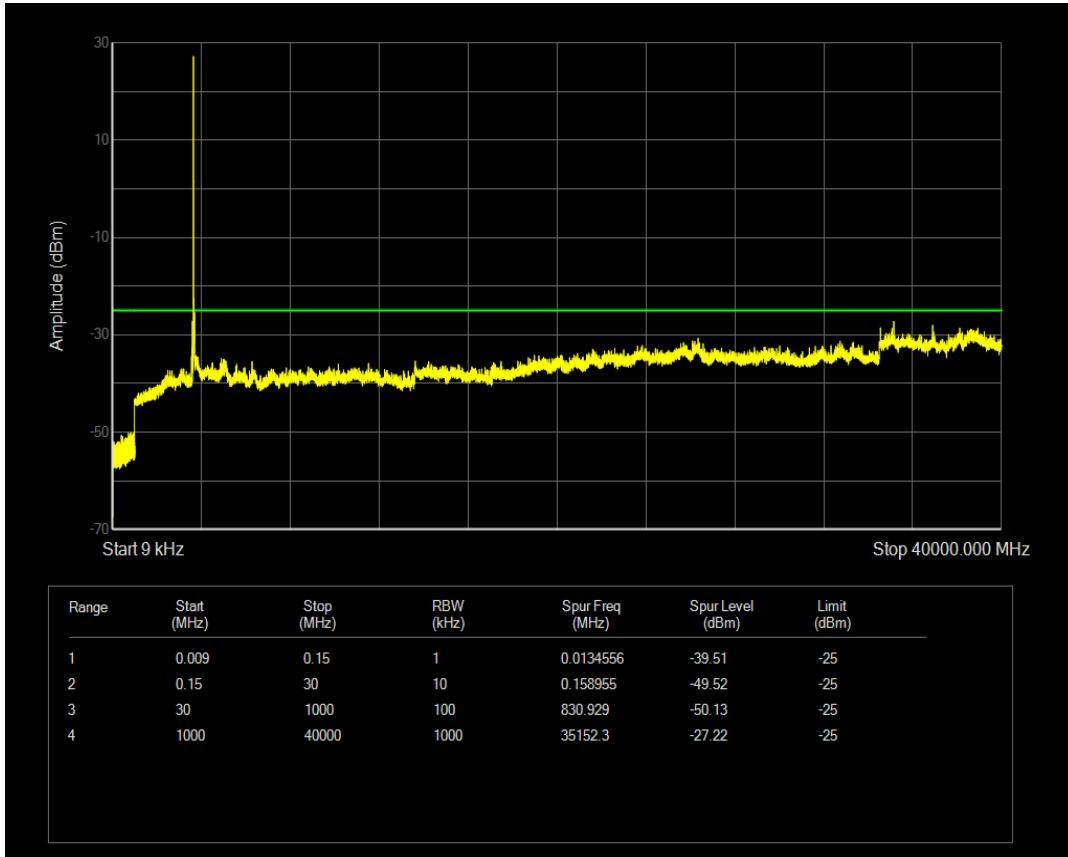
n77(3550-3700) SCS=15kHz DFT\_QPSK BW=50MHz Channel=641666 RB=1@269



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

