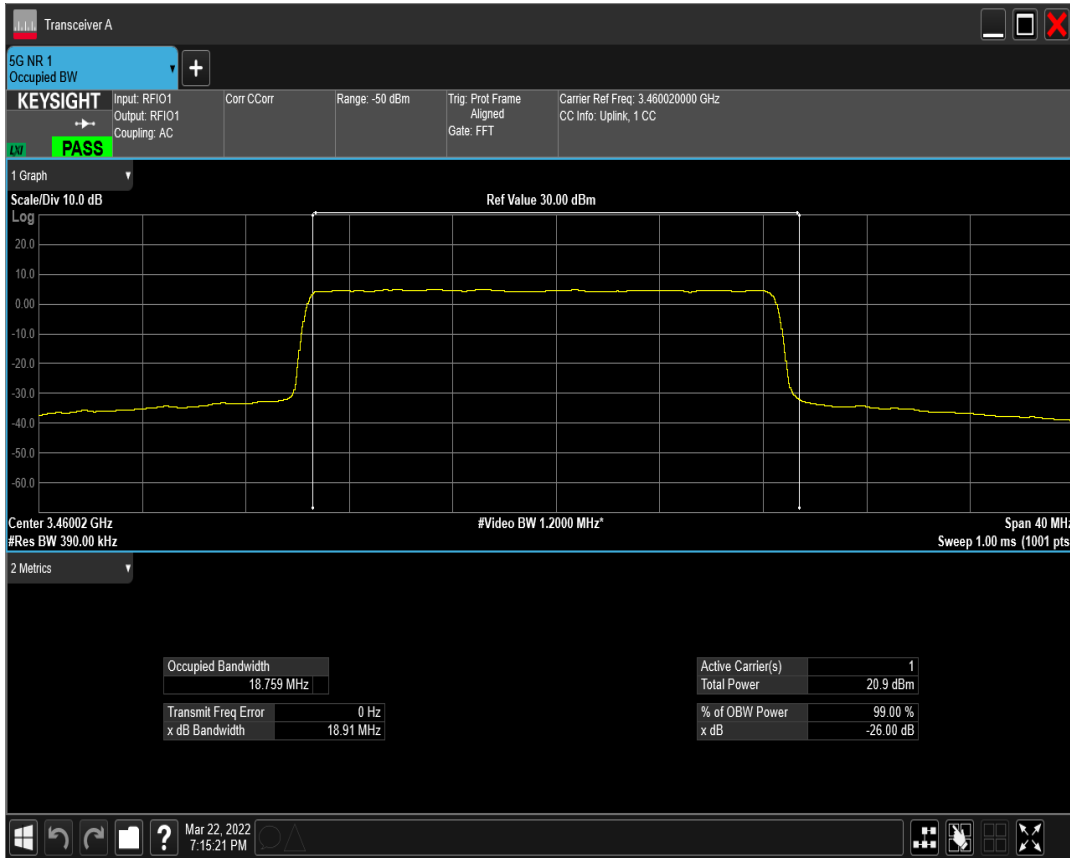


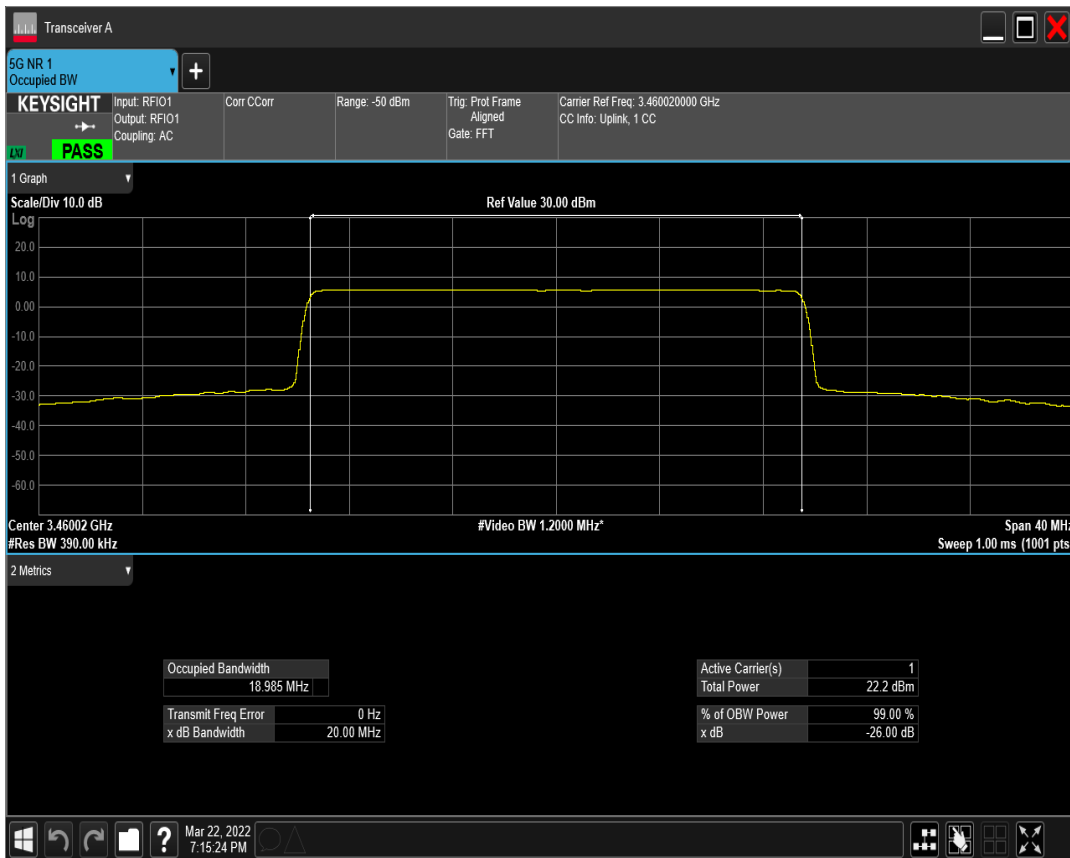
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=20MHz Channel=630668 RB=100@0



n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=20MHz Channel=630668 RB=100@0



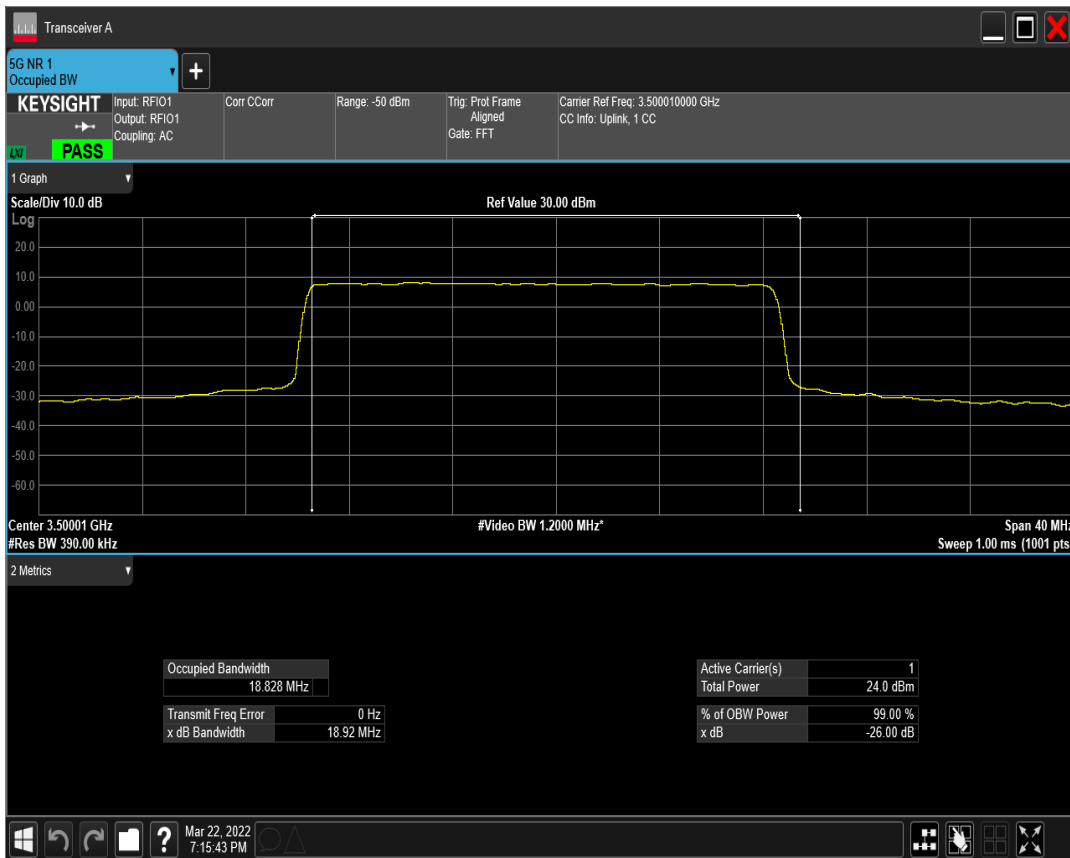
n77(3450-3550) SCS=15kHz CP\_QPSK BW=20MHz Channel=630668 RB=106@0



n77(3450-3550) SCS=15kHz DFT\_BPSK BW=20MHz Channel=633334 RB=100@0



n77(3450-3550) SCS=15kHz DFT\_QPSK BW=20MHz Channel=633334 RB=100@0



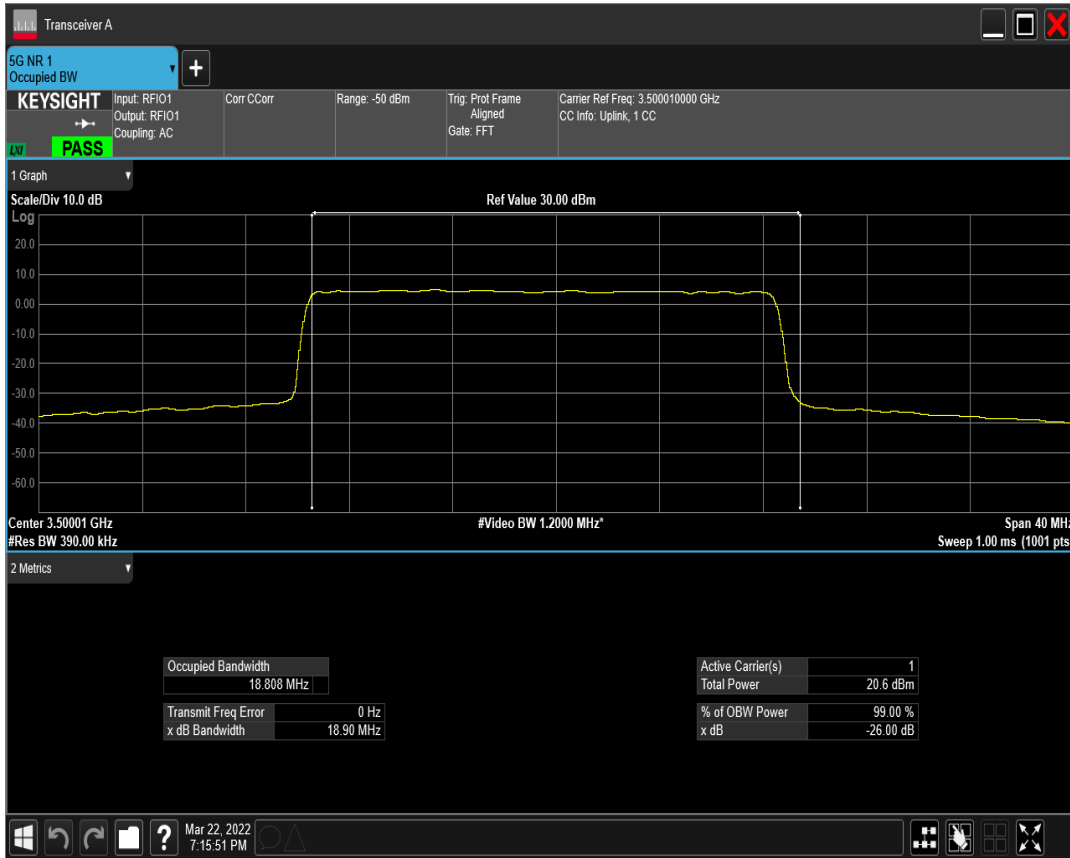
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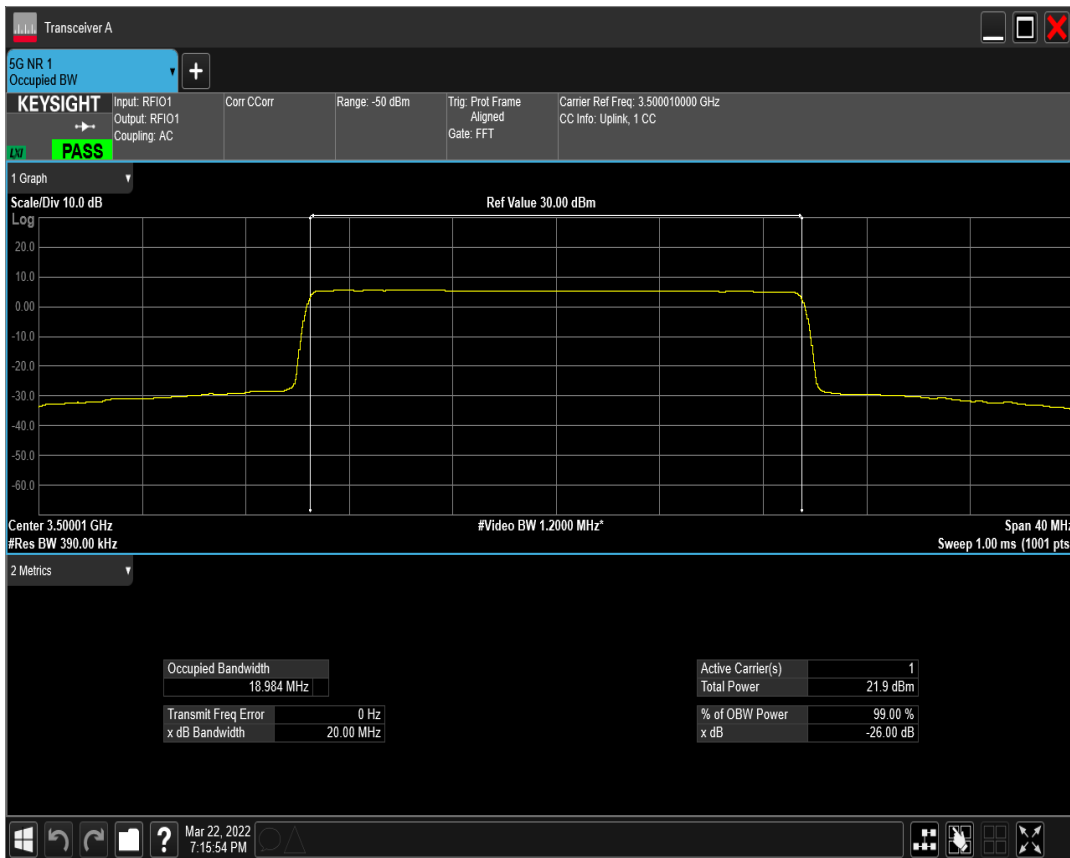
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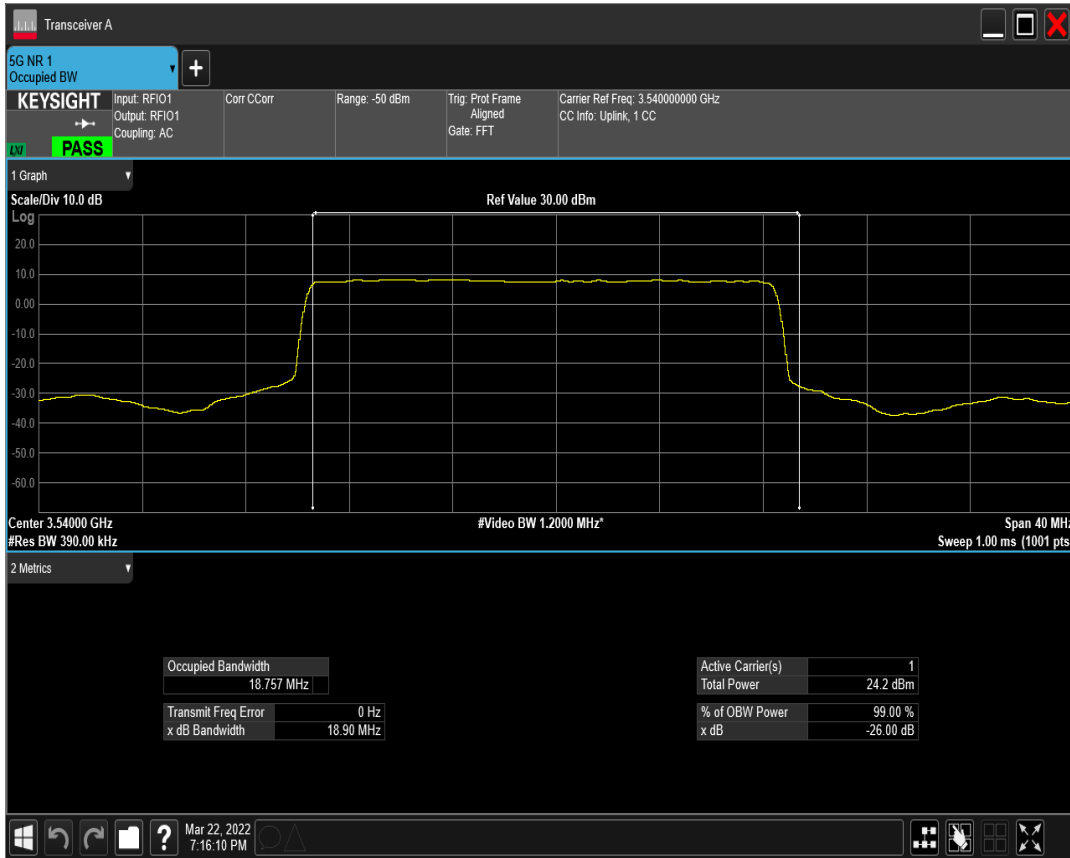
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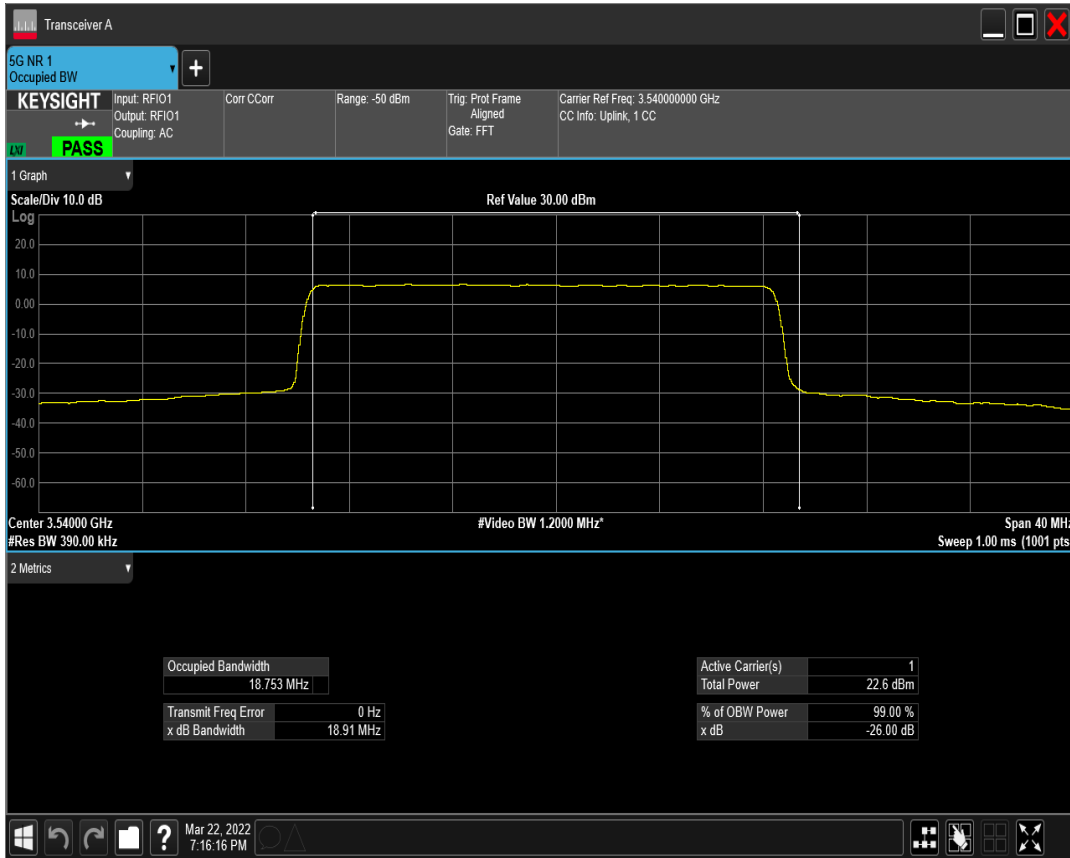
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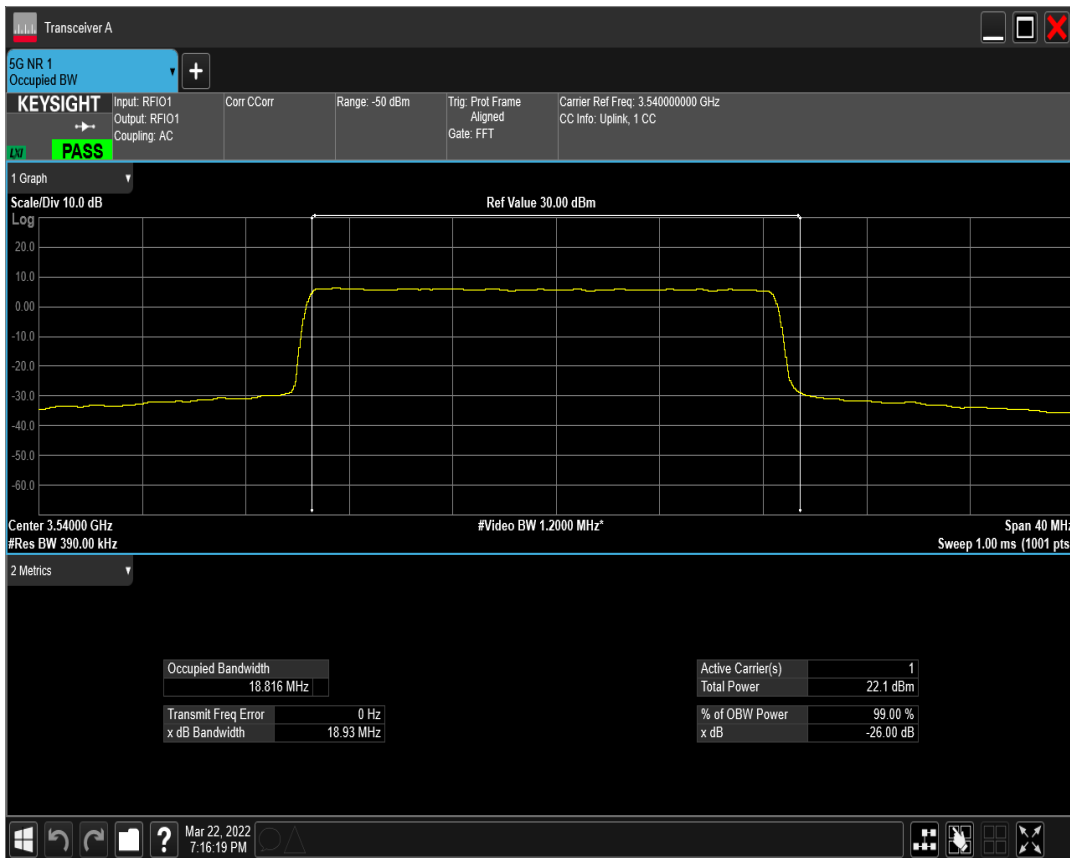
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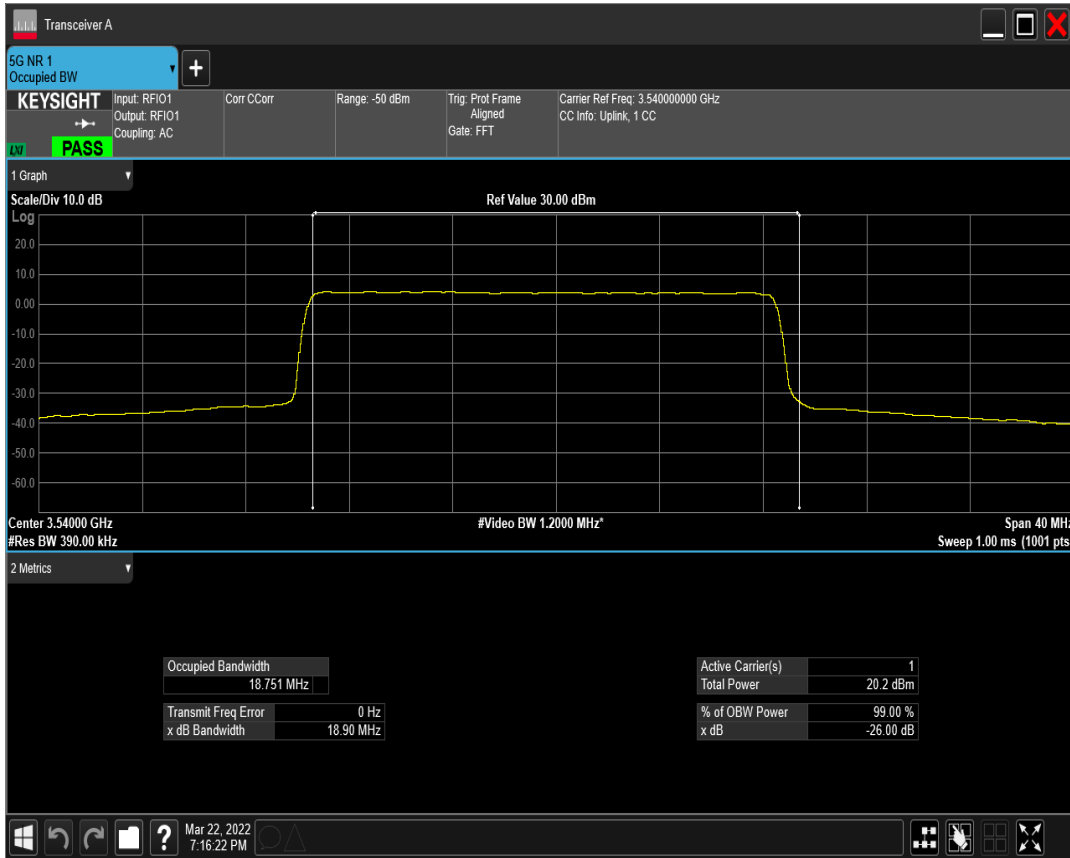
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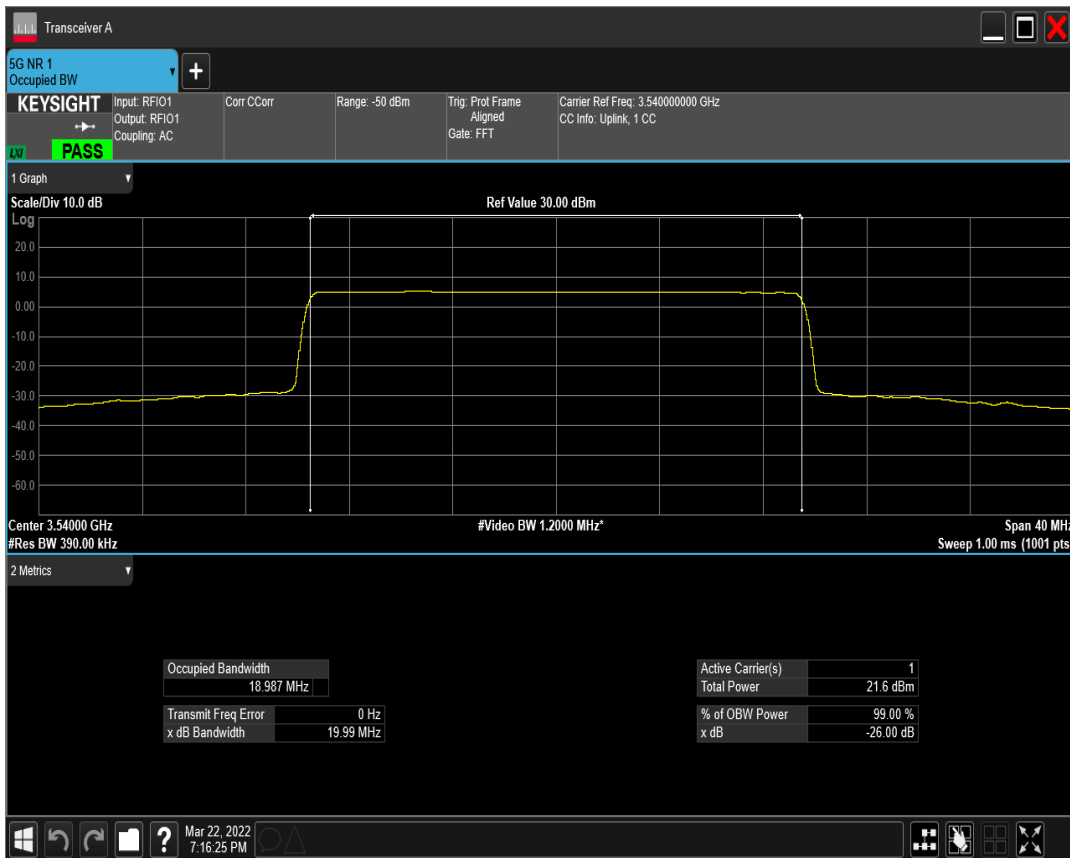
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=20MHz Channel=636000 RB=100@0



n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=20MHz Channel=636000 RB=100@0

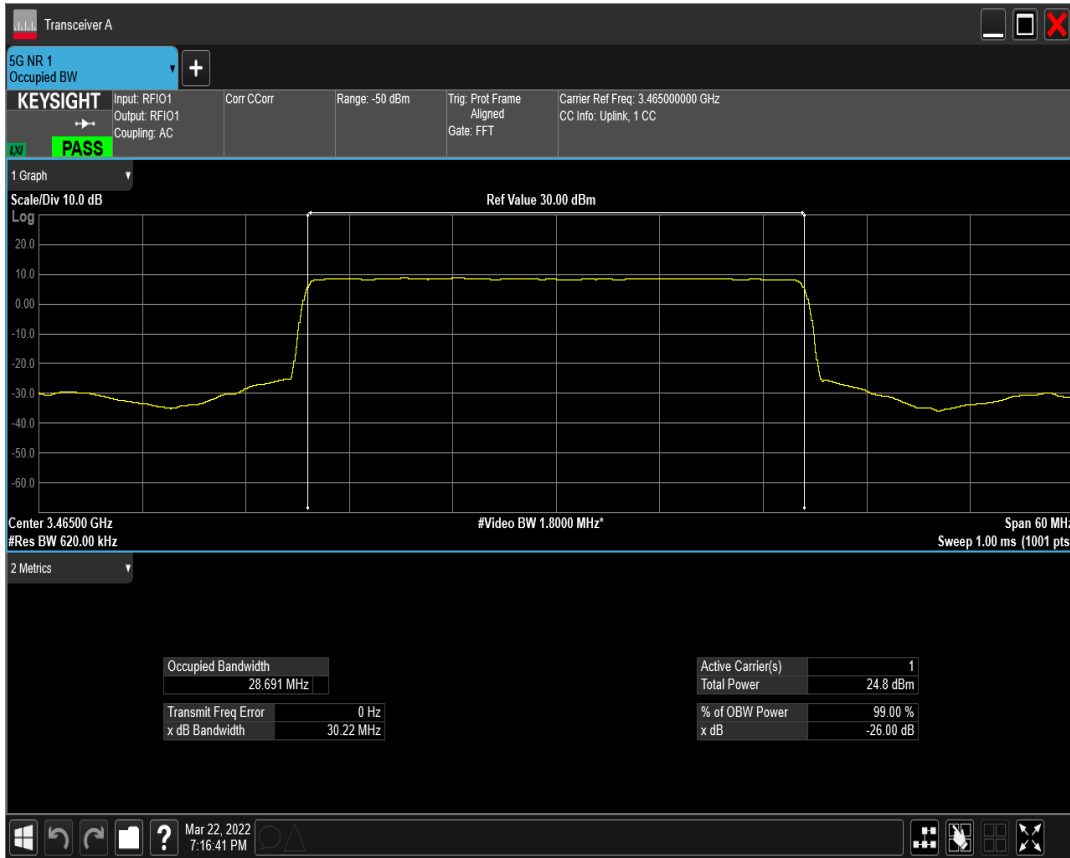


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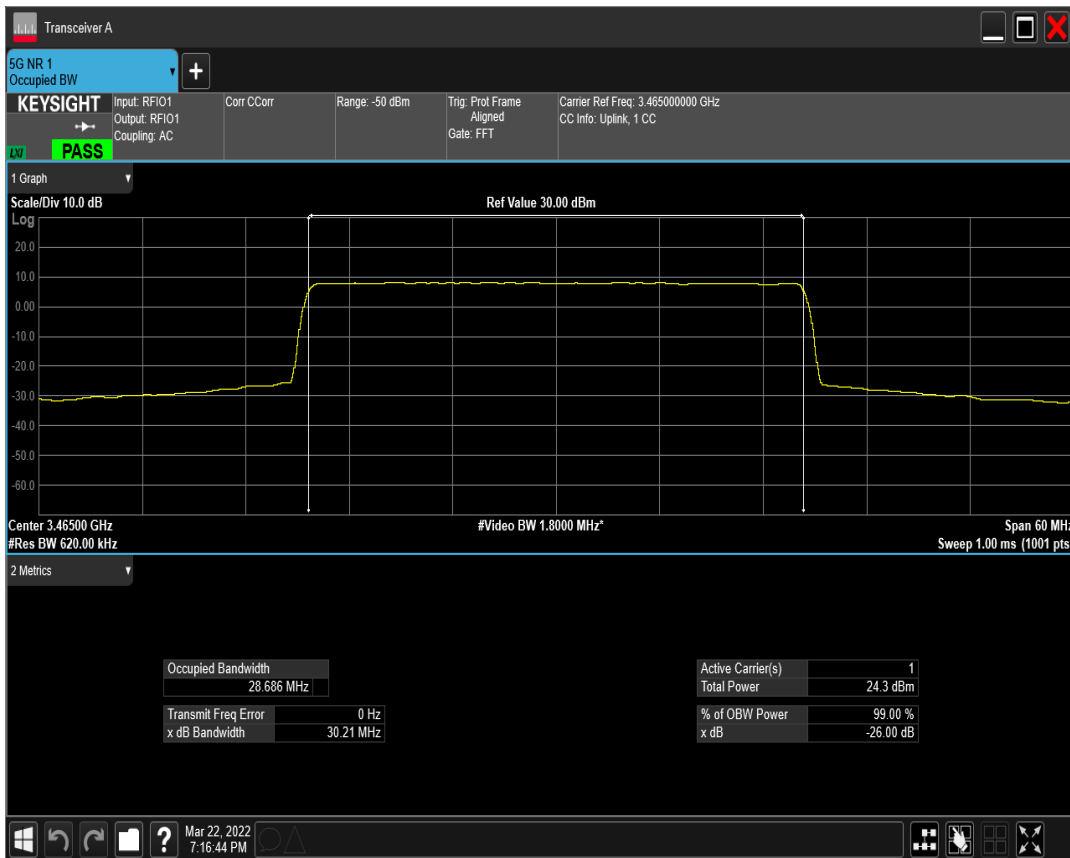


n77(3450-3550) SCS=15kHz DFT\_BPSK BW=30MHz Channel=631000 RB=160@0





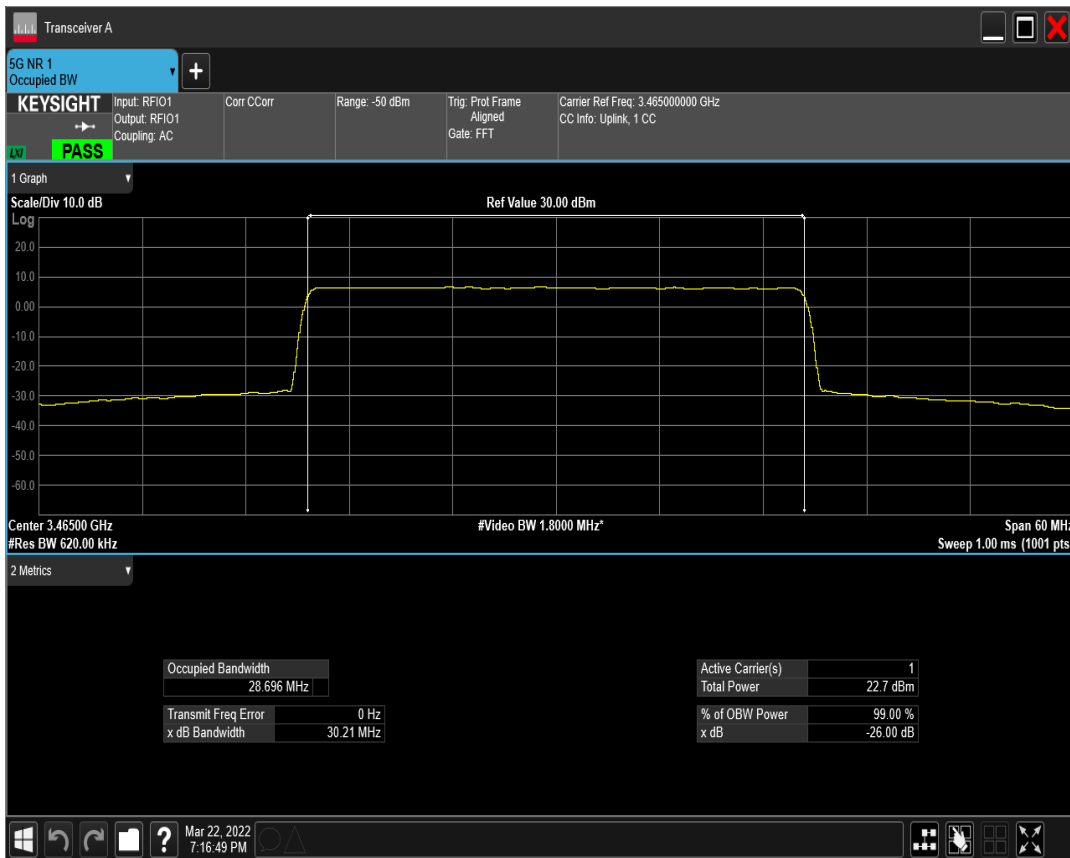
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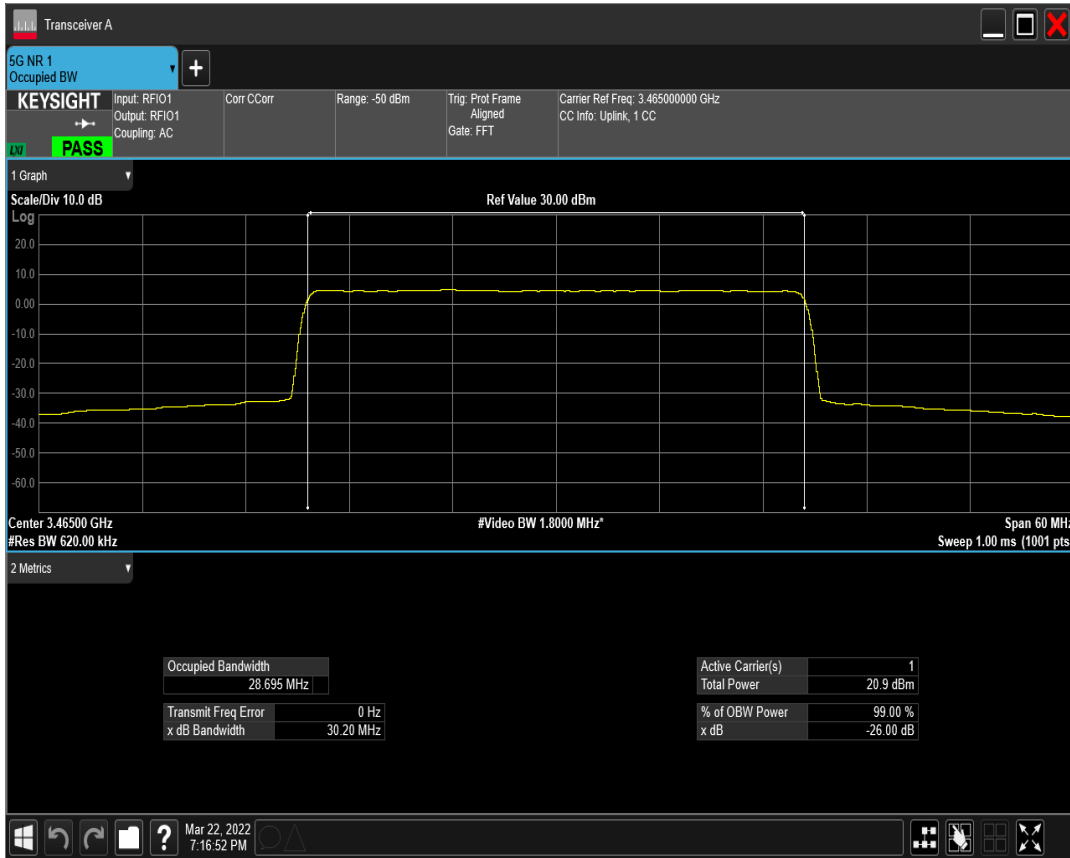
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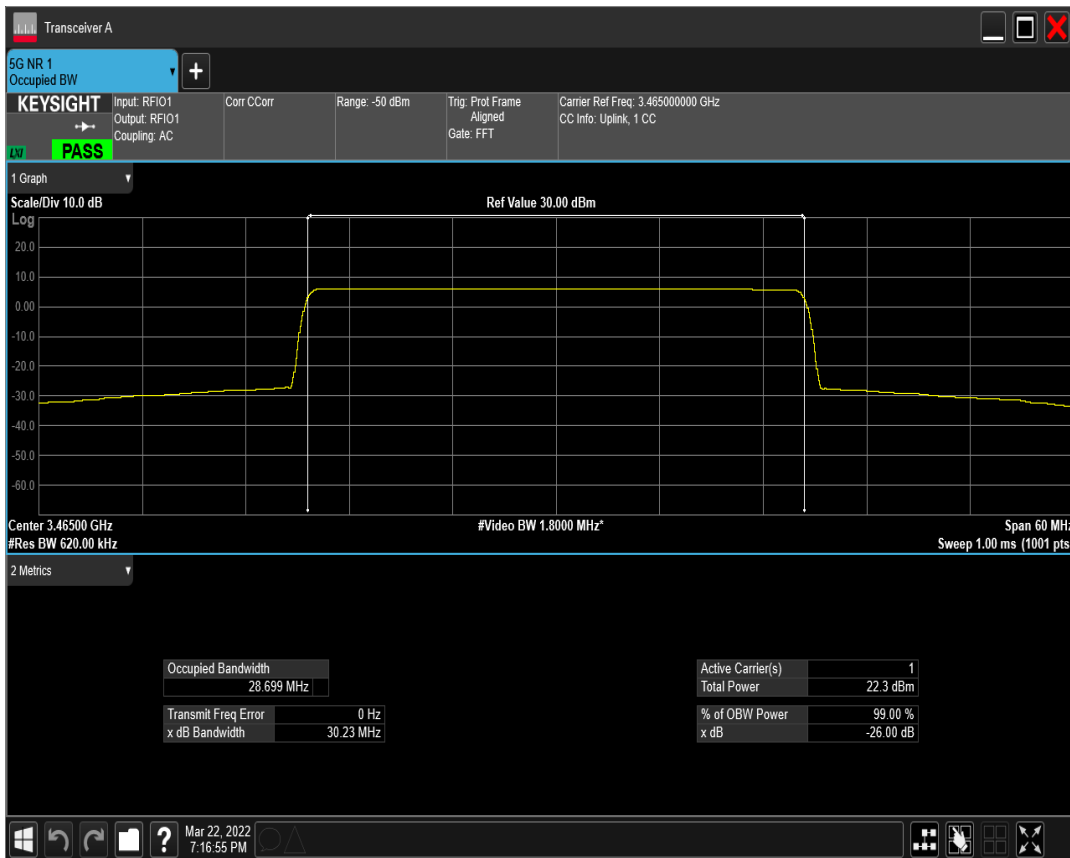
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n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=30MHz Channel=631000 RB=160@0



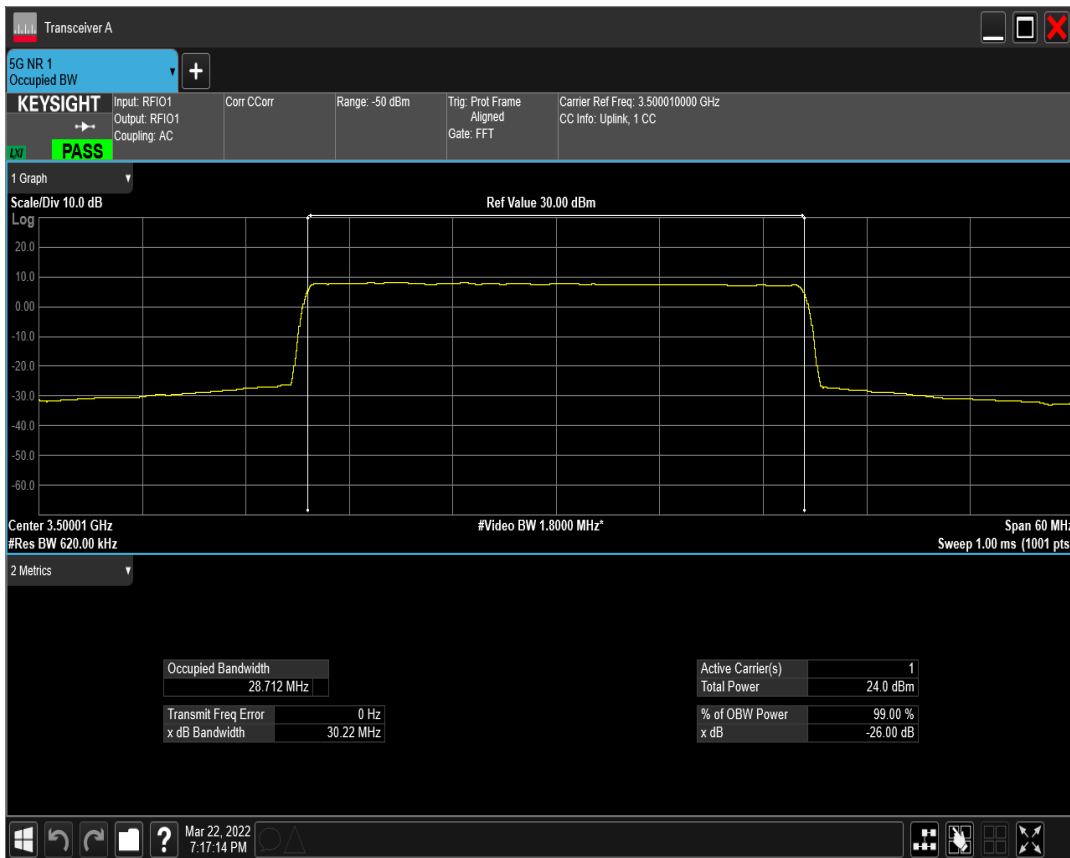
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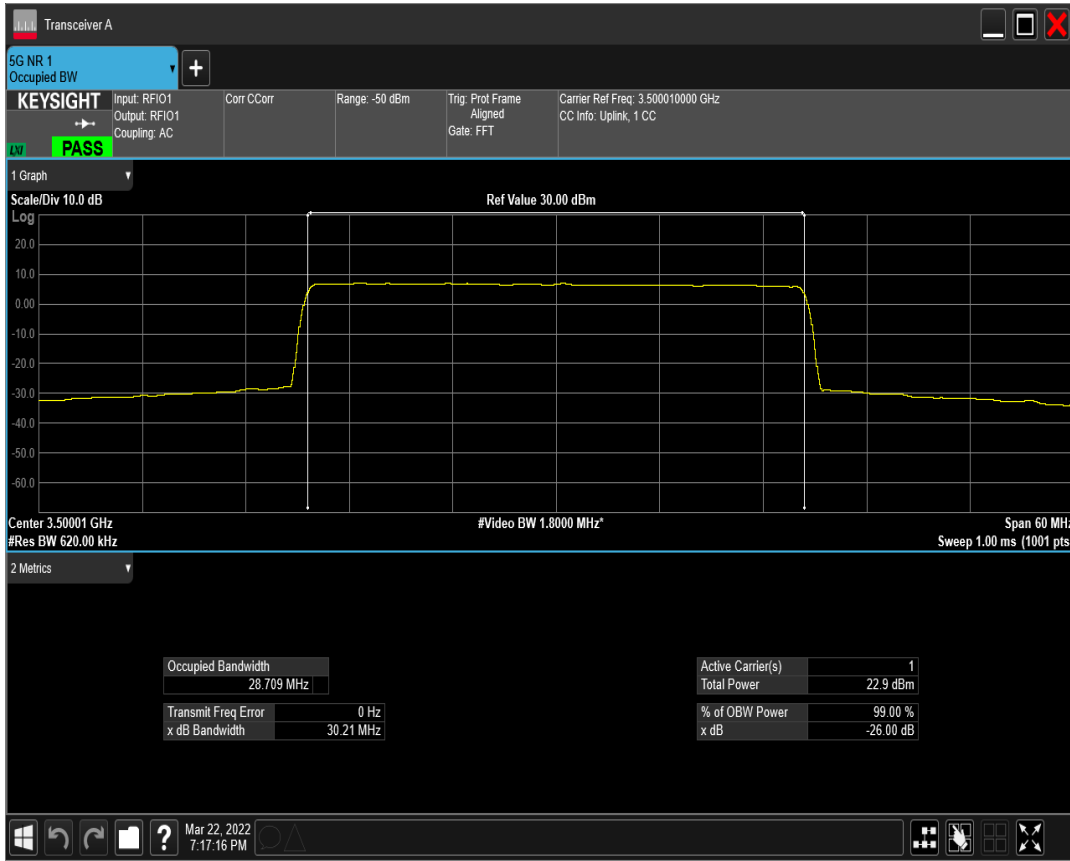
n77(3450-3550) SCS=15kHz DFT\_BPSK BW=30MHz Channel=633334 RB=160@0



n77(3450-3550) SCS=15kHz DFT\_QPSK BW=30MHz Channel=633334 RB=160@0



n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=30MHz Channel=633334 RB=160@0



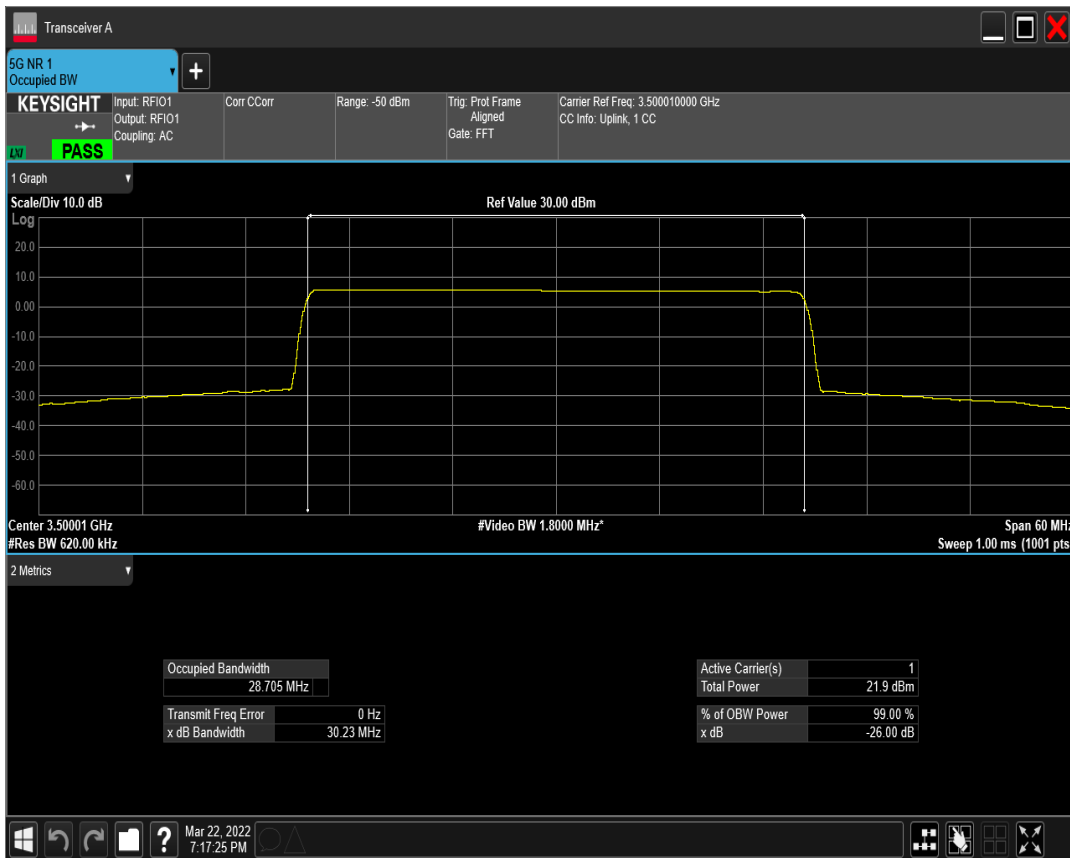
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=30MHz Channel=633334 RB=160@0



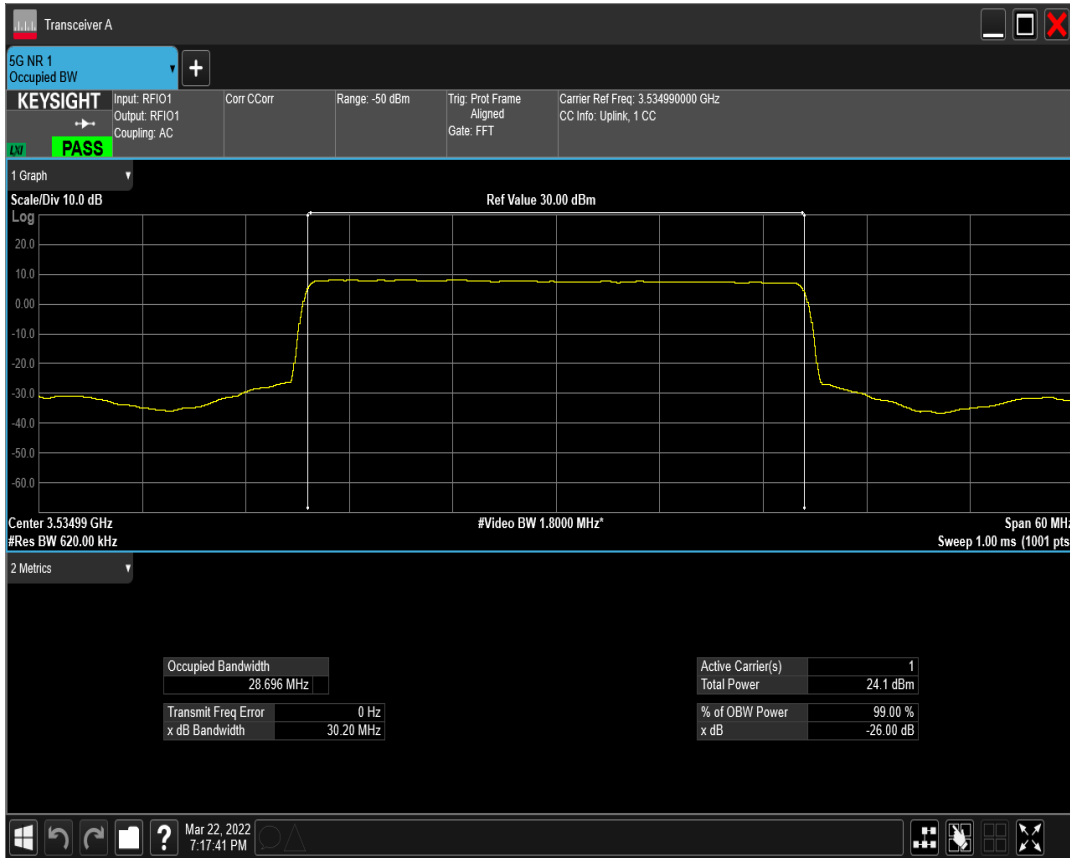
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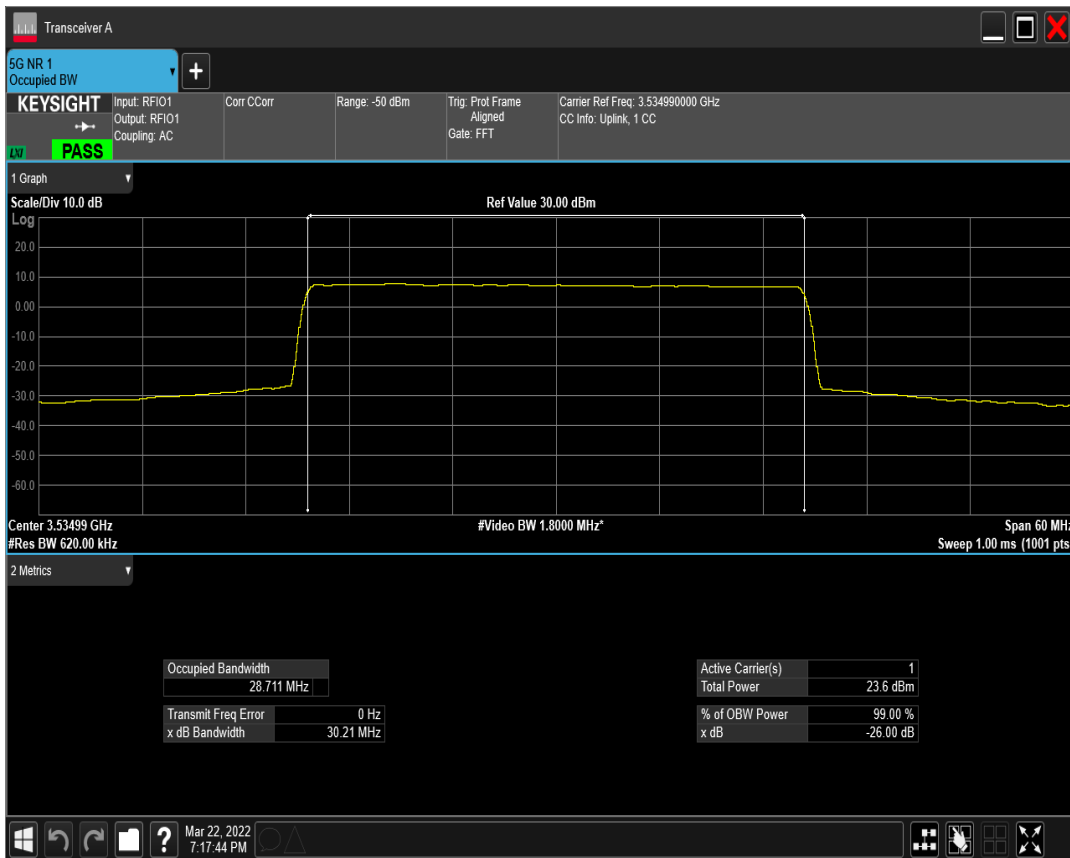
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n77(3450-3550) SCS=15kHz DFT\_BPSK BW=30MHz Channel=635666 RB=160@0



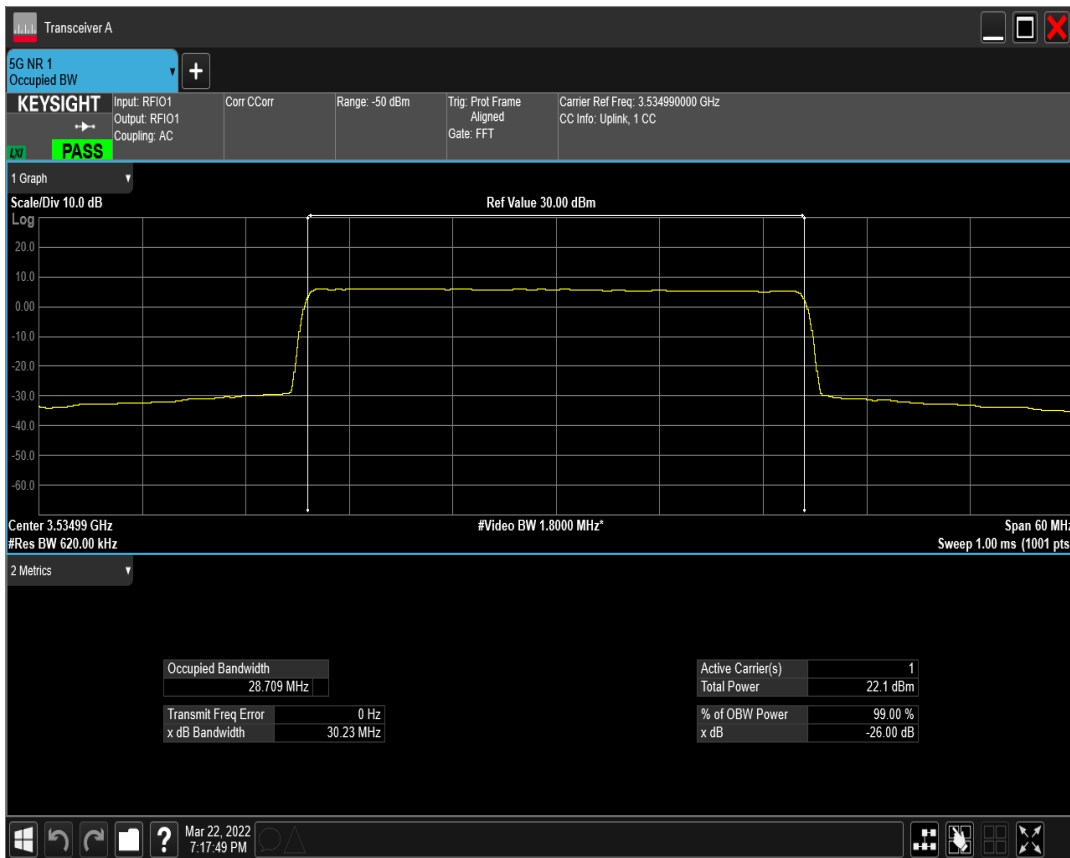
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n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=30MHz Channel=635666 RB=160@0



n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=30MHz Channel=635666 RB=160@0

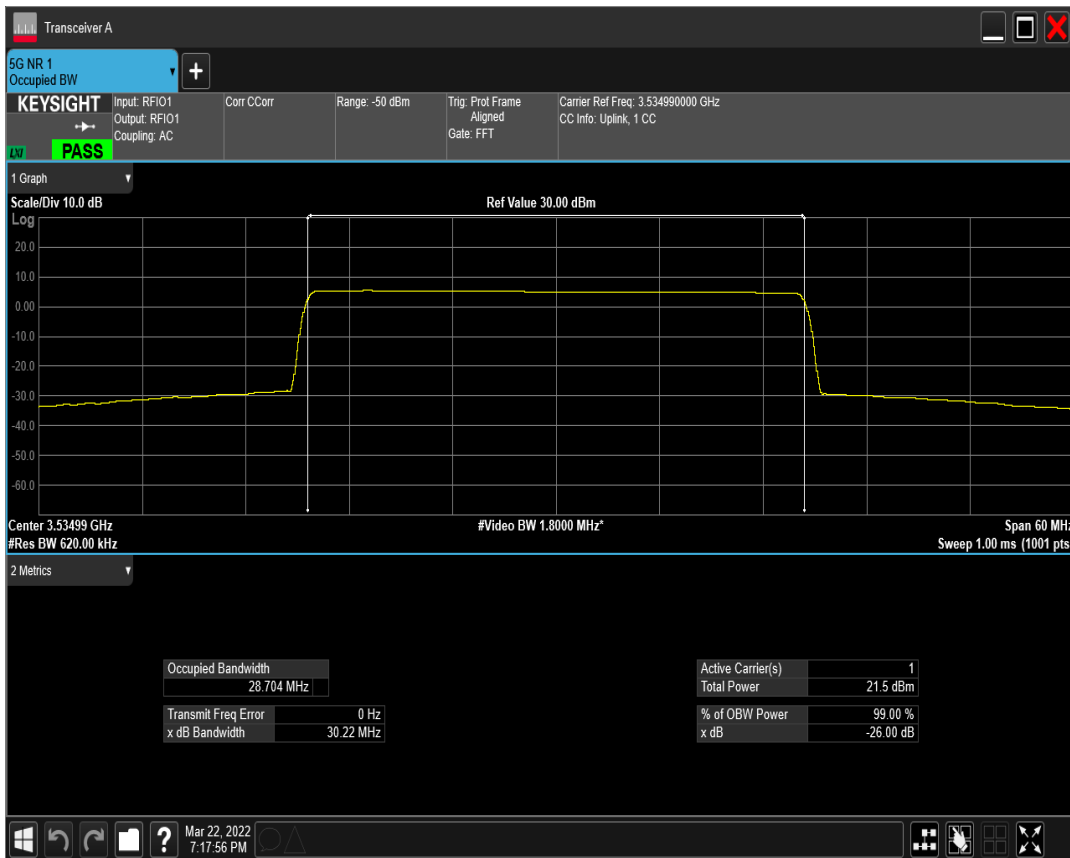


n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=30MHz Channel=635666 RB=160@0

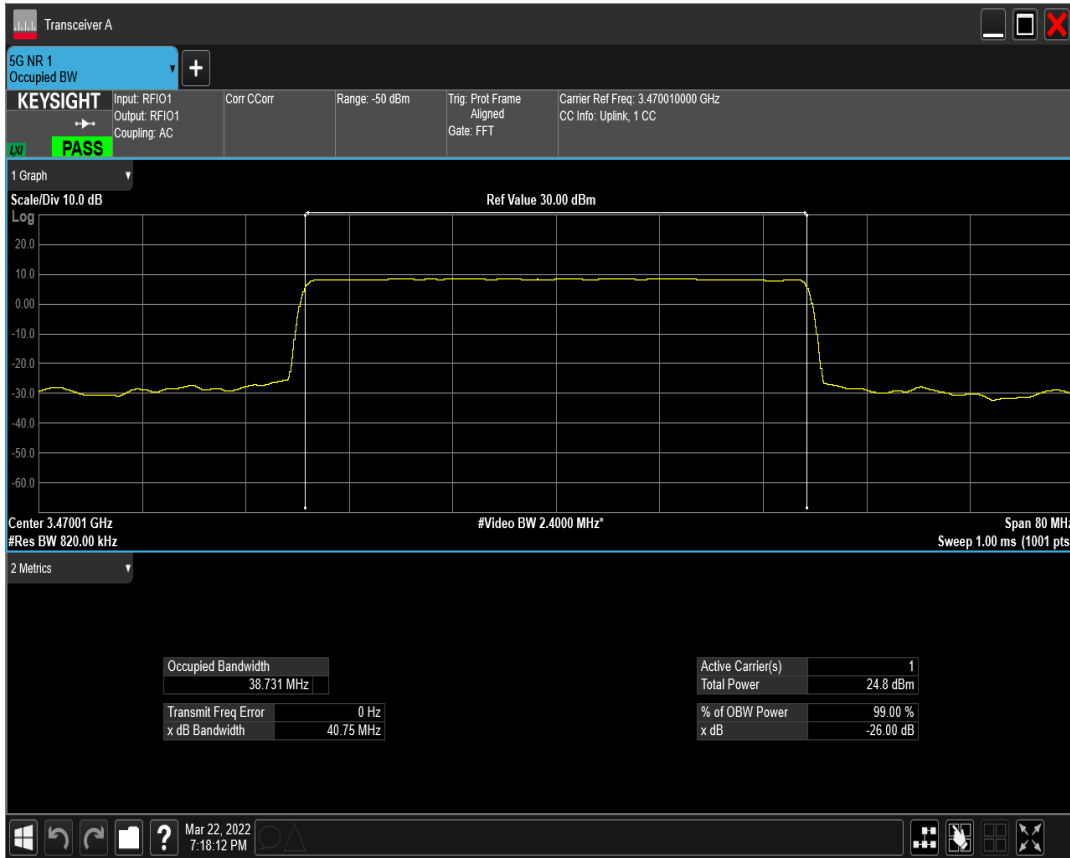




n77(3450-3550) SCS=15kHz CP\_QPSK BW=30MHz Channel=635666 RB=160@0



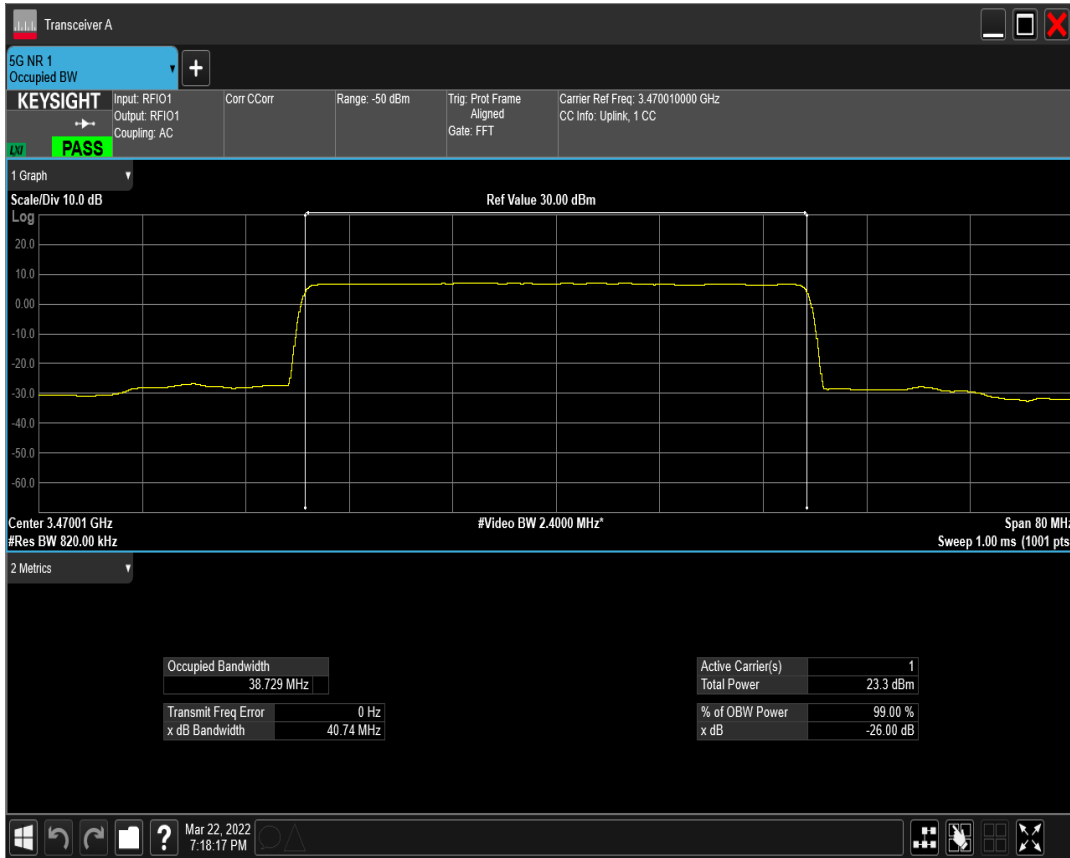
n77(3450-3550) SCS=15kHz DFT\_BPSK BW=40MHz Channel=631334 RB=216@0



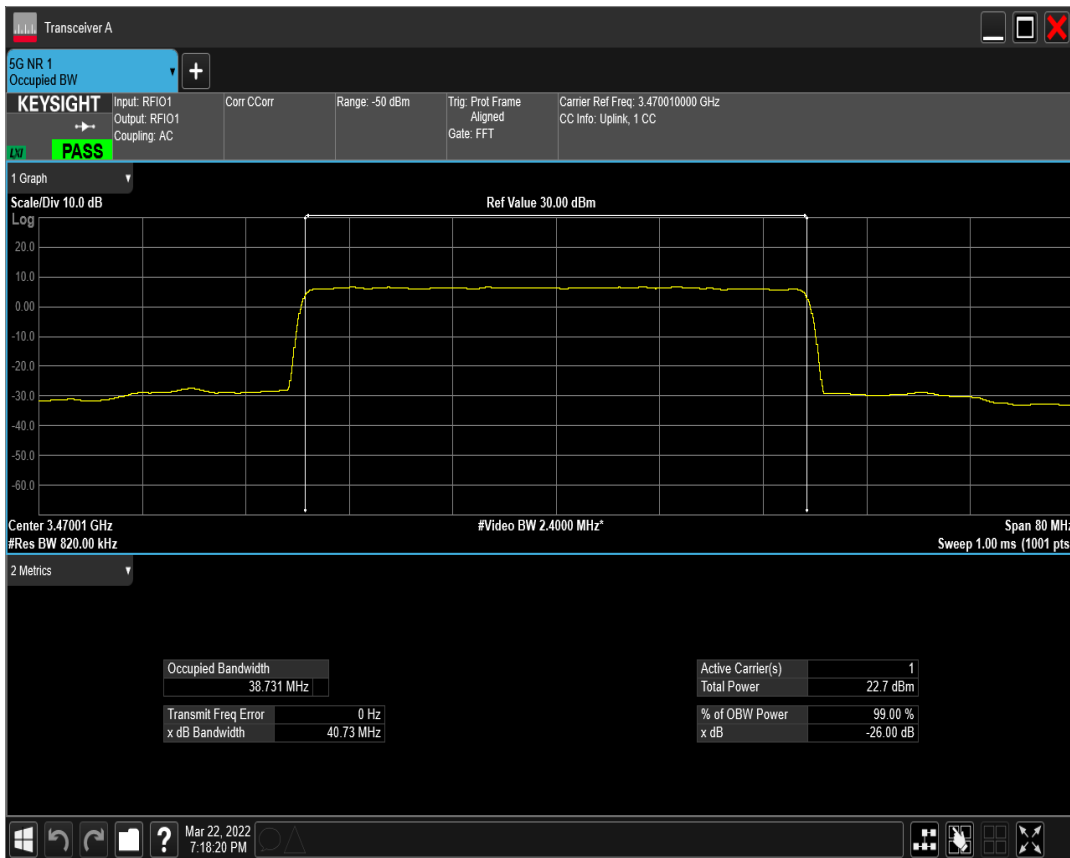
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=40MHz Channel=631334 RB=216@0



n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=40MHz Channel=631334 RB=216@0



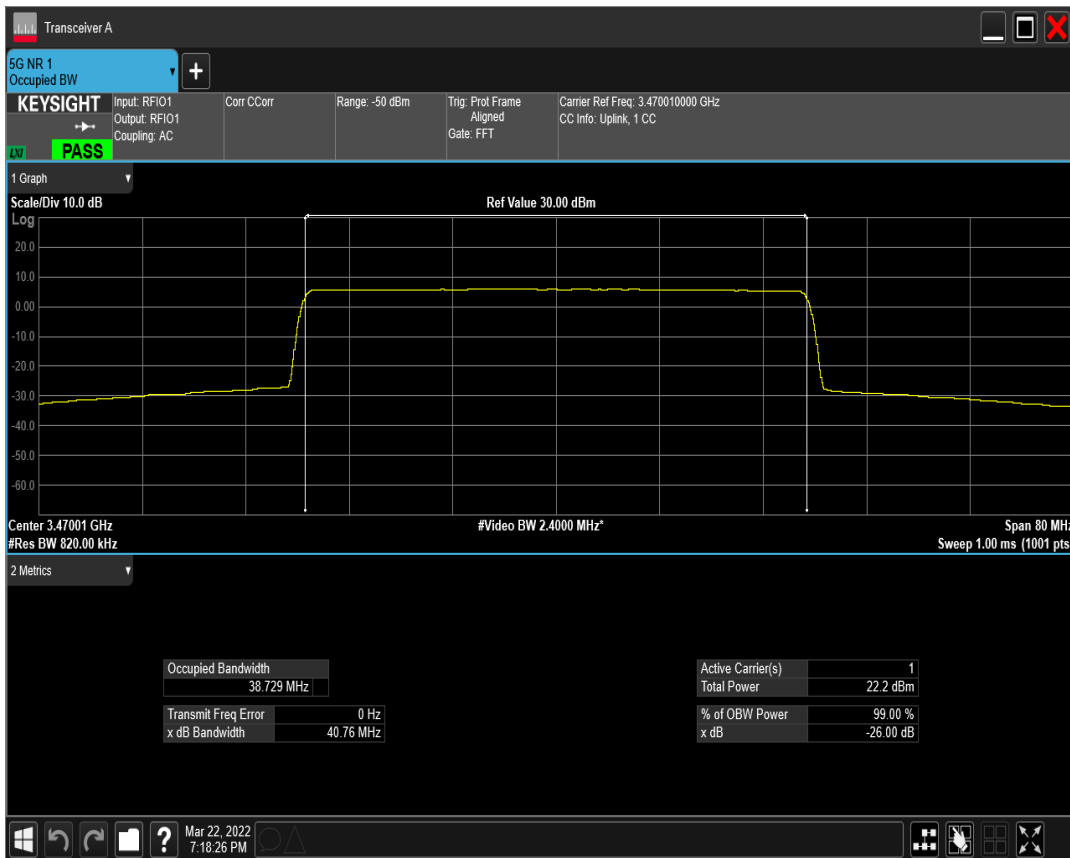
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=40MHz Channel=631334 RB=216@0



n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=40MHz Channel=631334 RB=216@0



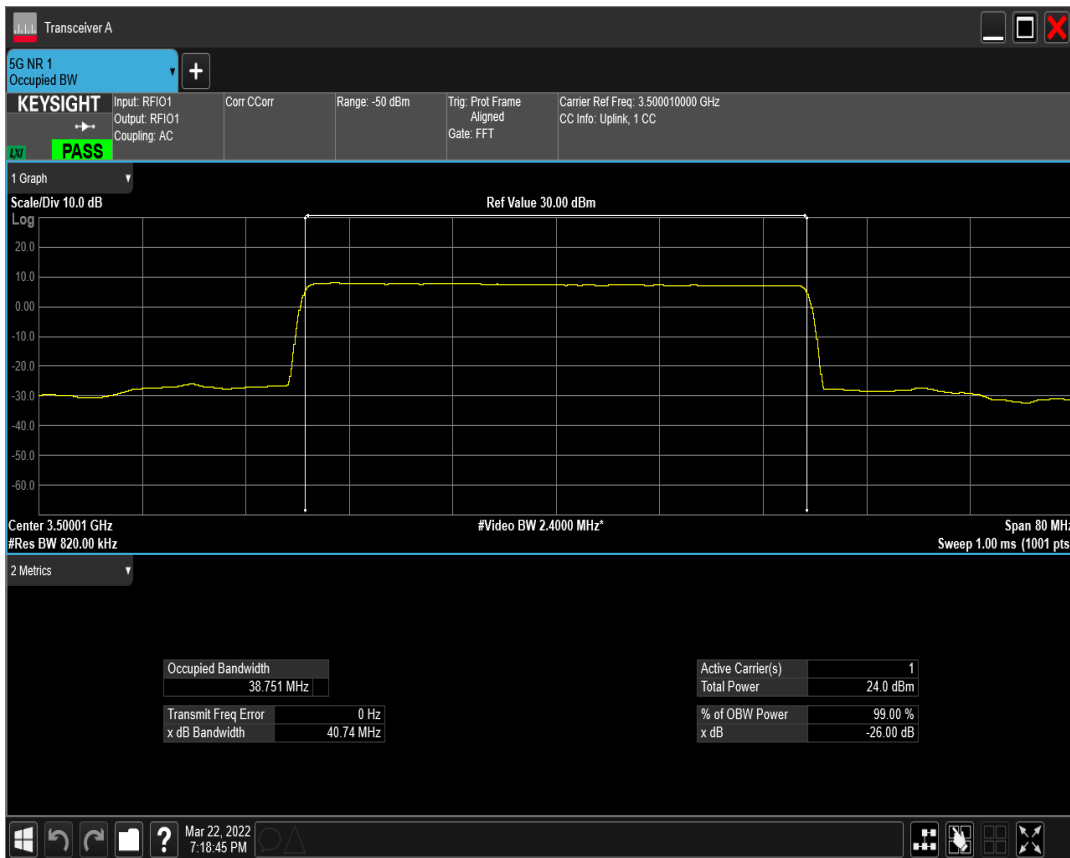
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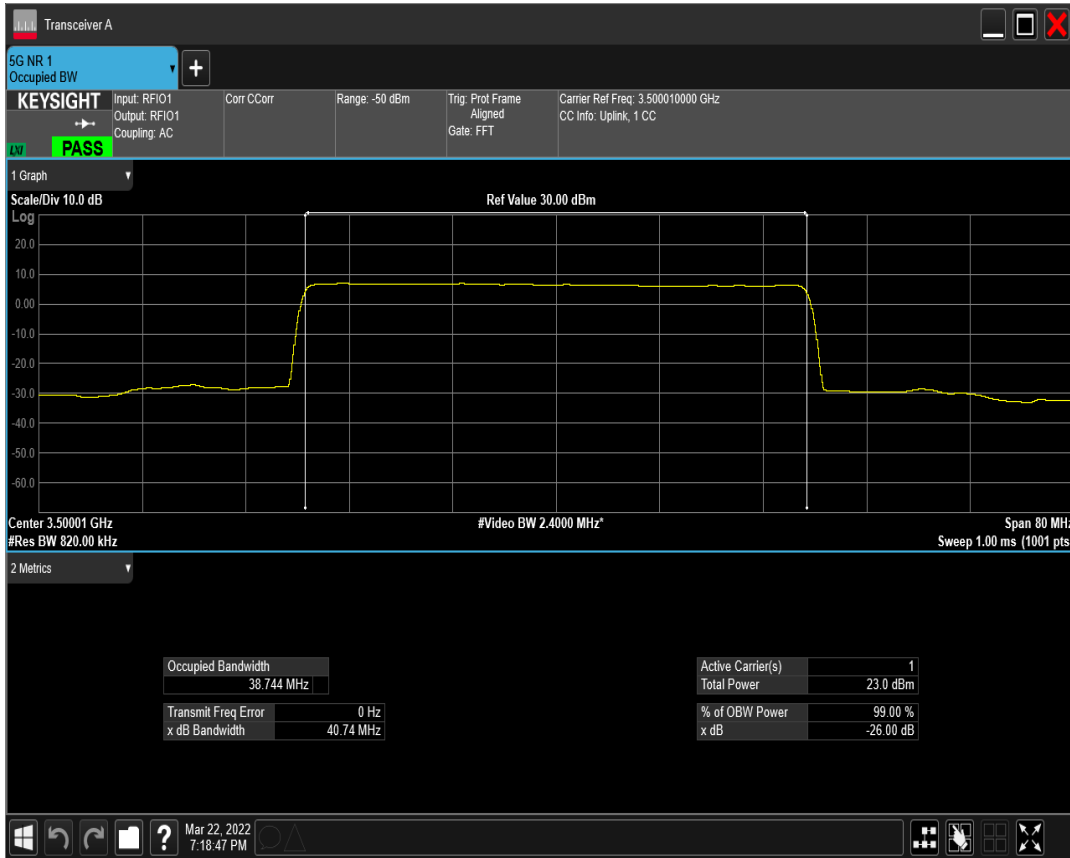
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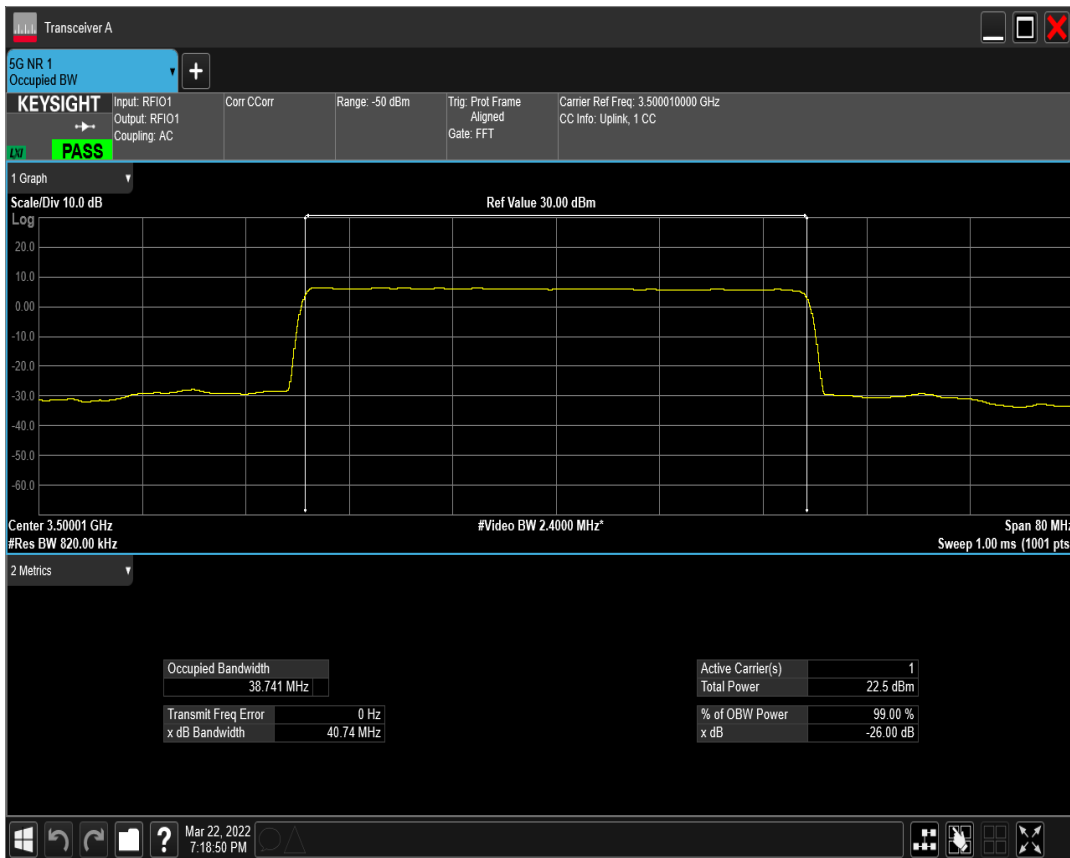
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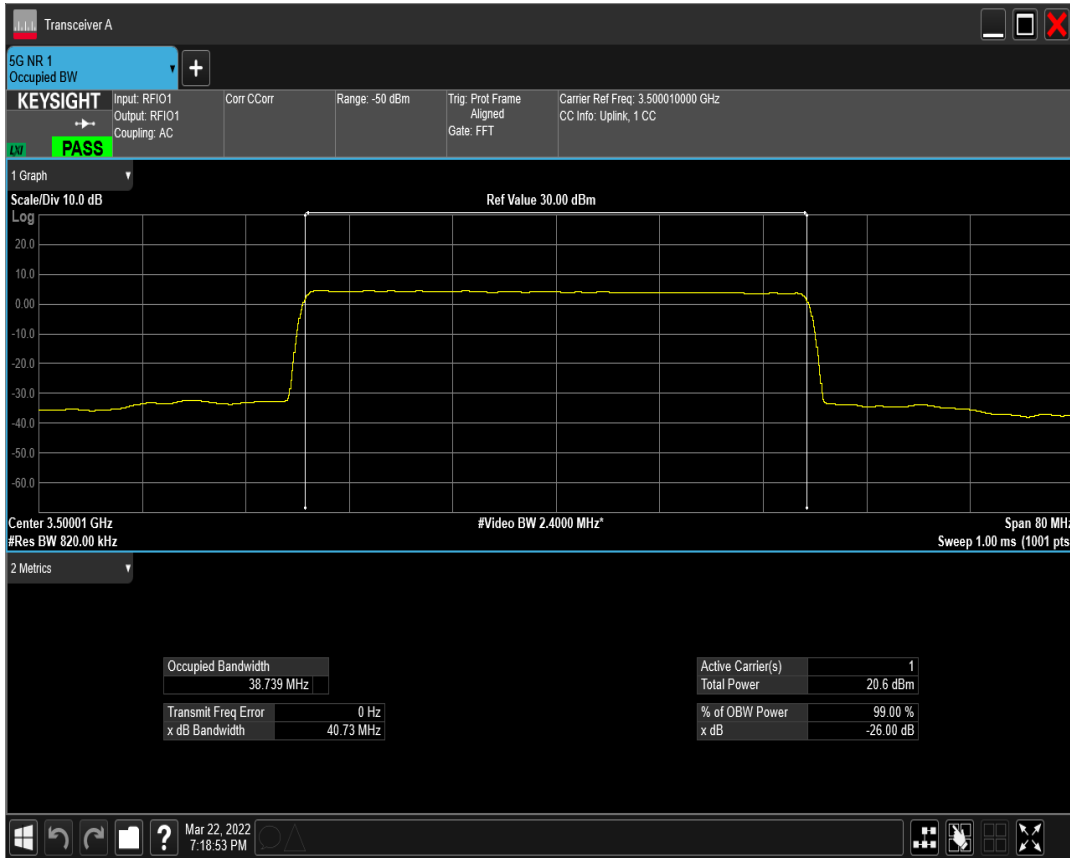
n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=40MHz Channel=633334 RB=216@0



n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=40MHz Channel=633334 RB=216@0



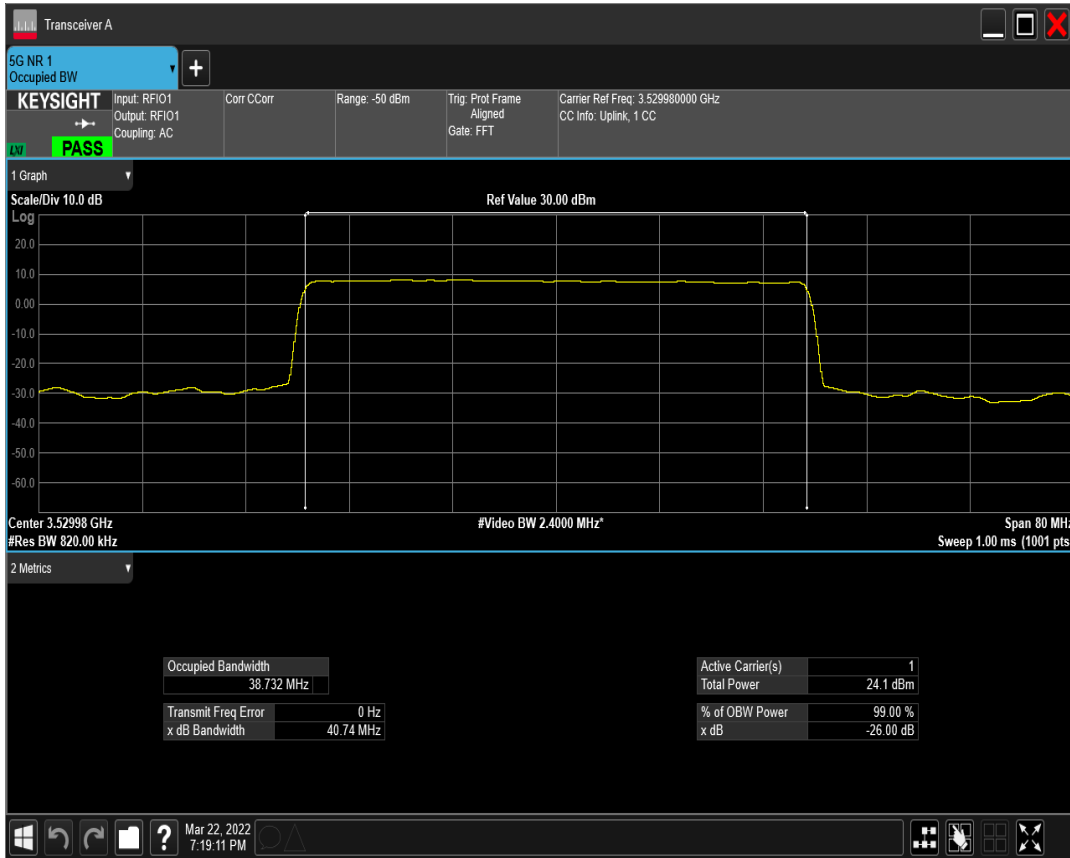
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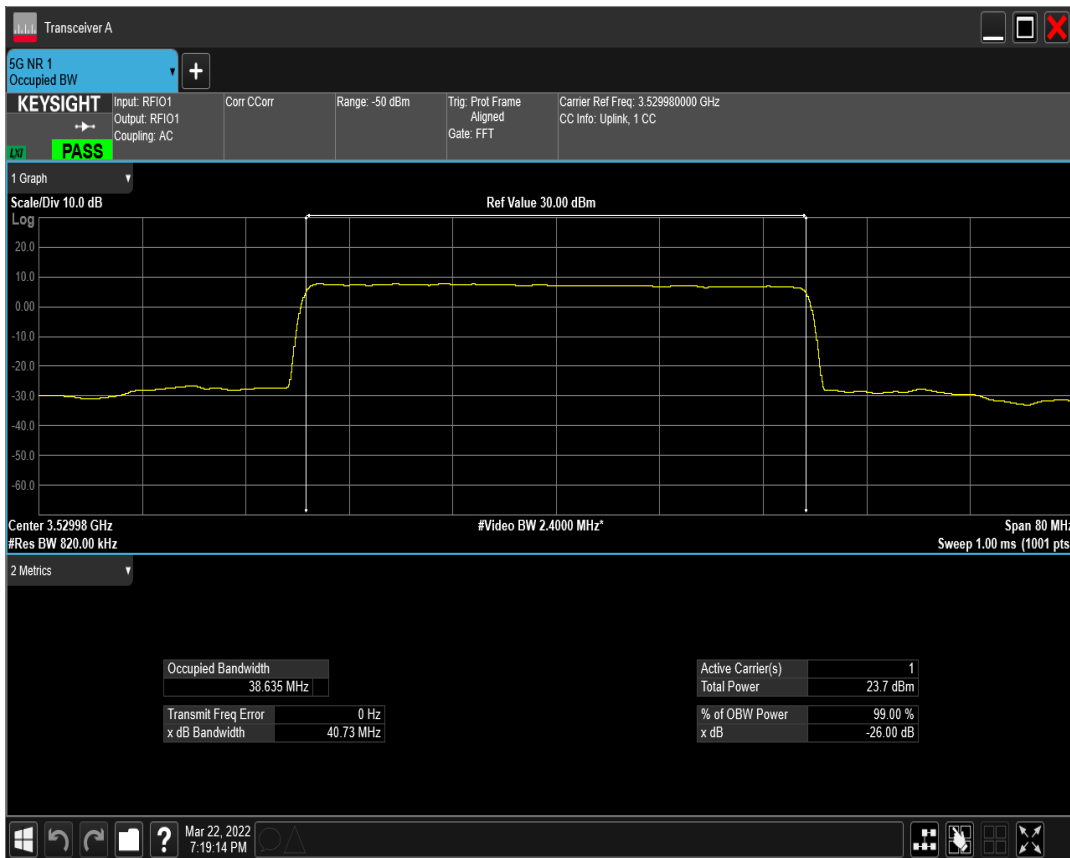
n77(3450-3550) SCS=15kHz CP\_QPSK BW=40MHz Channel=633334 RB=216@0



n77(3450-3550) SCS=15kHz DFT\_BPSK BW=40MHz Channel=635332 RB=216@0

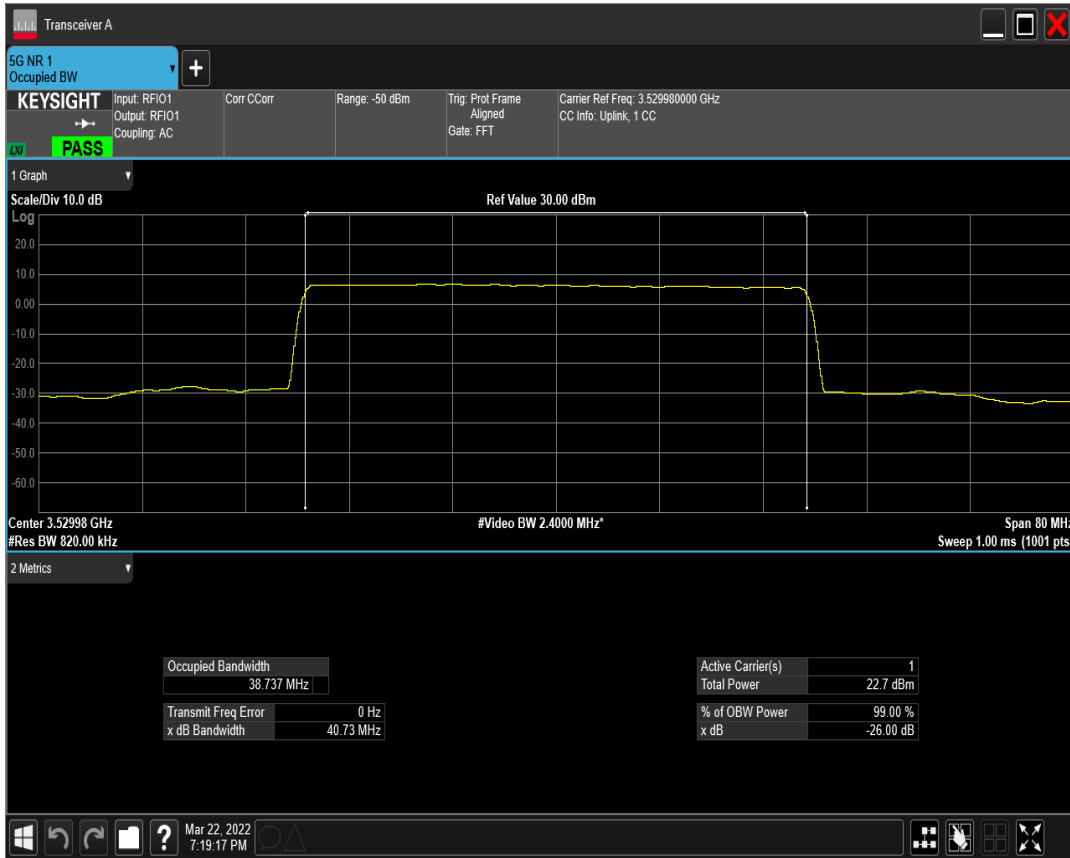


n77(3450-3550) SCS=15kHz DFT\_QPSK BW=40MHz Channel=635332 RB=216@0



n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=40MHz Channel=635332 RB=216@0

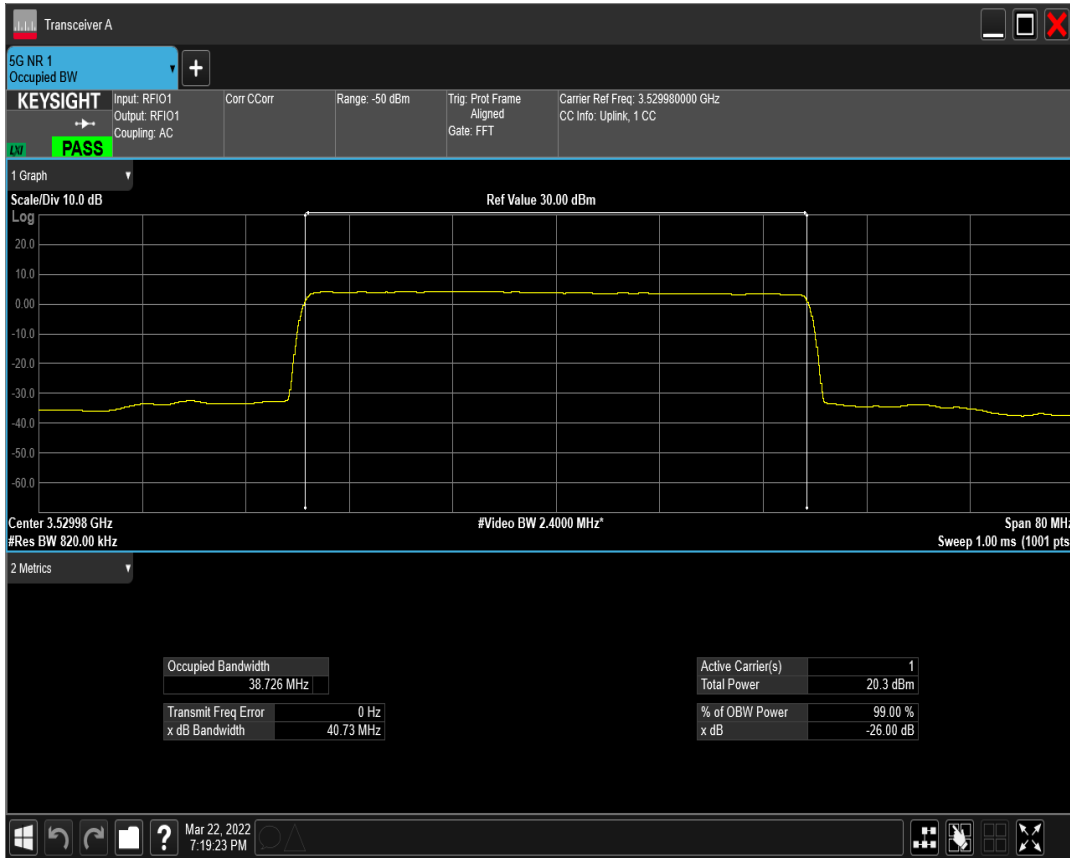




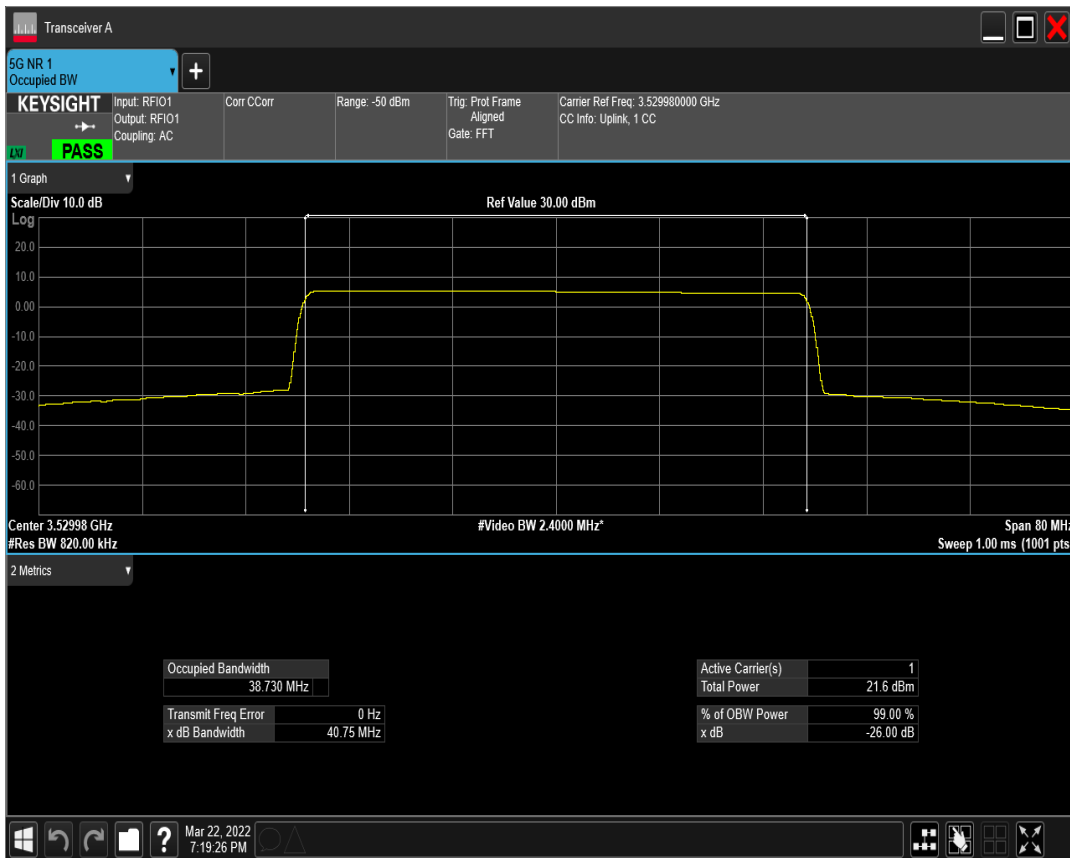
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=40MHz Channel=635332 RB=216@0



n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=40MHz Channel=635332 RB=216@0



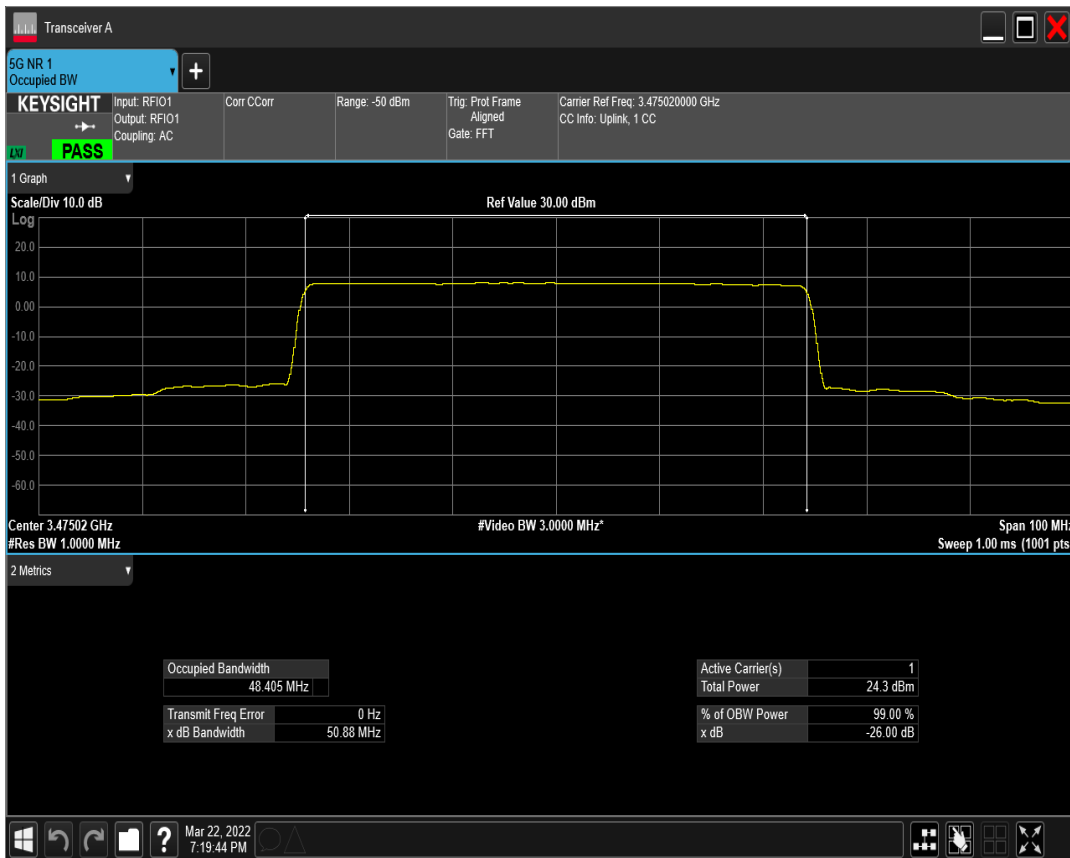
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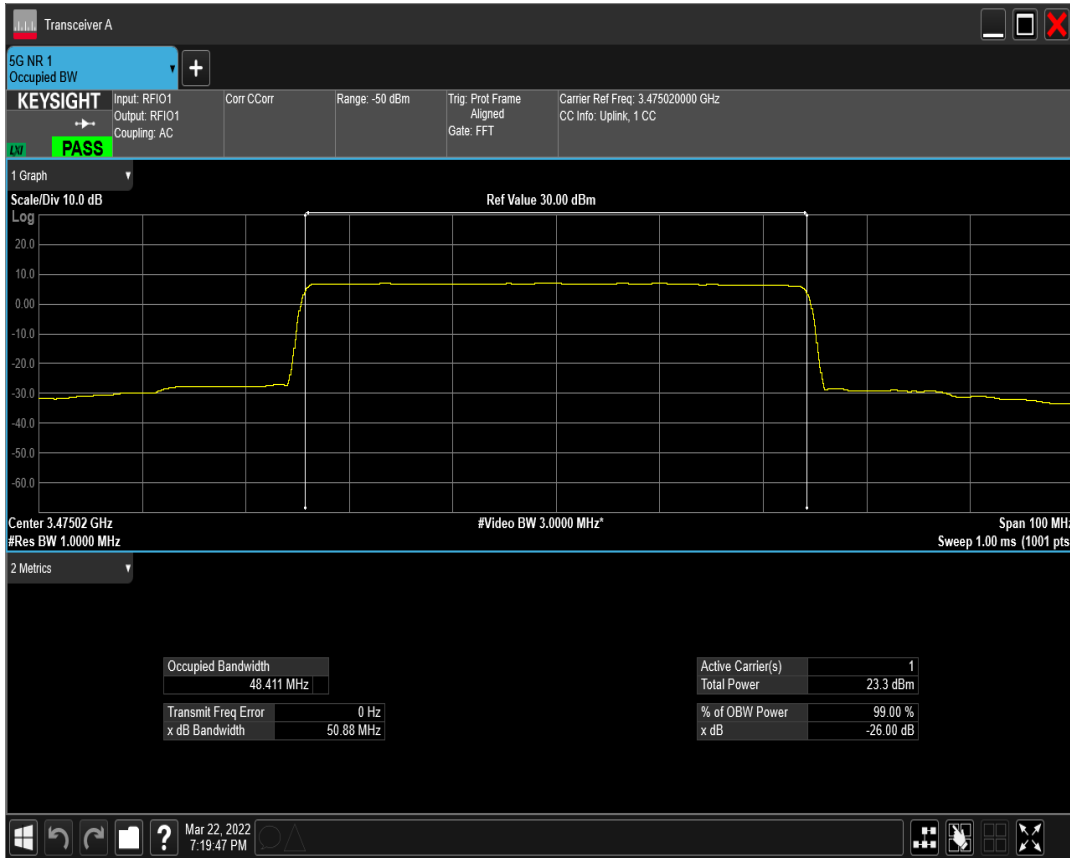
n77(3450-3550) SCS=15kHz DFT\_BPSK BW=50MHz Channel=631668 RB=270@0



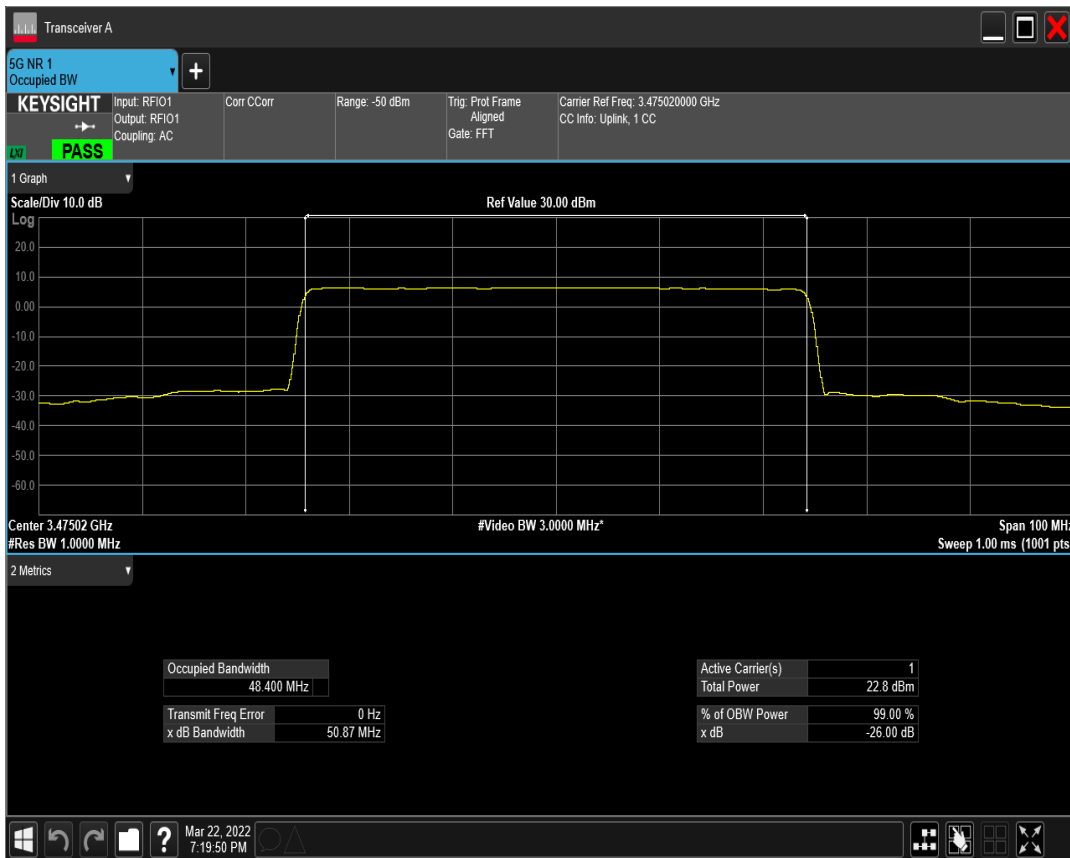
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=270@0



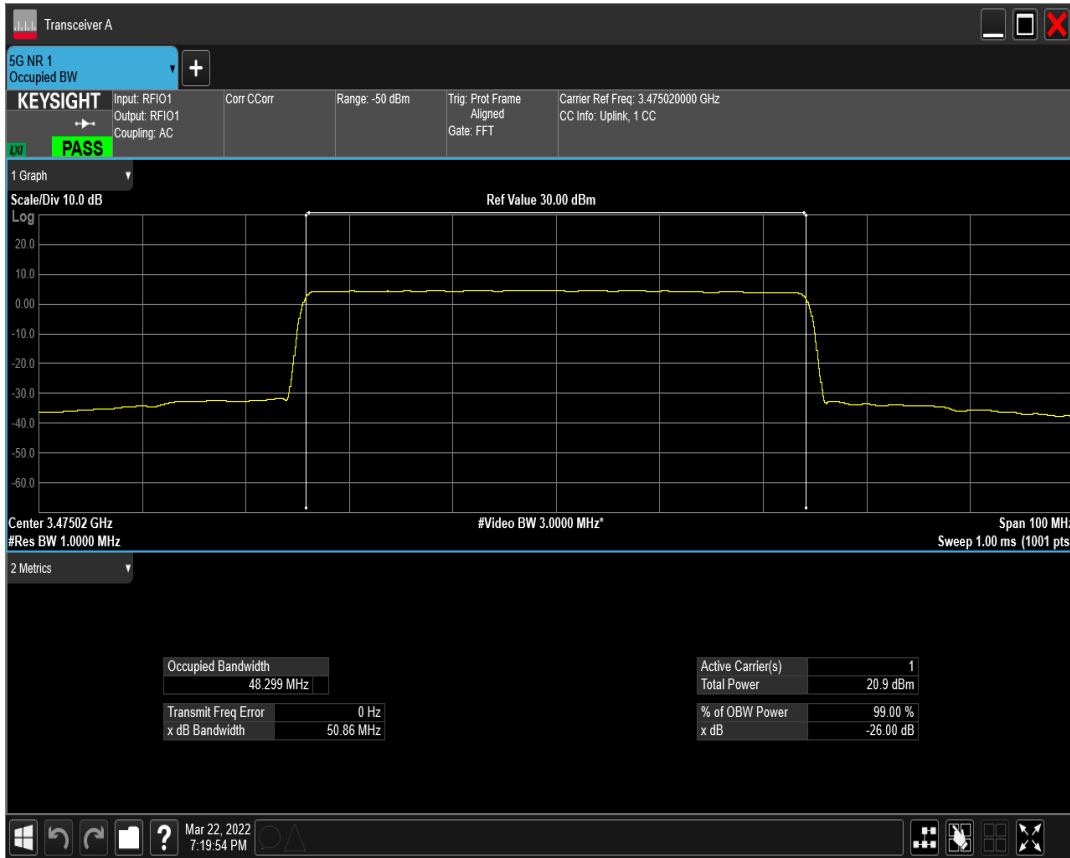
n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=50MHz Channel=631668 RB=270@0



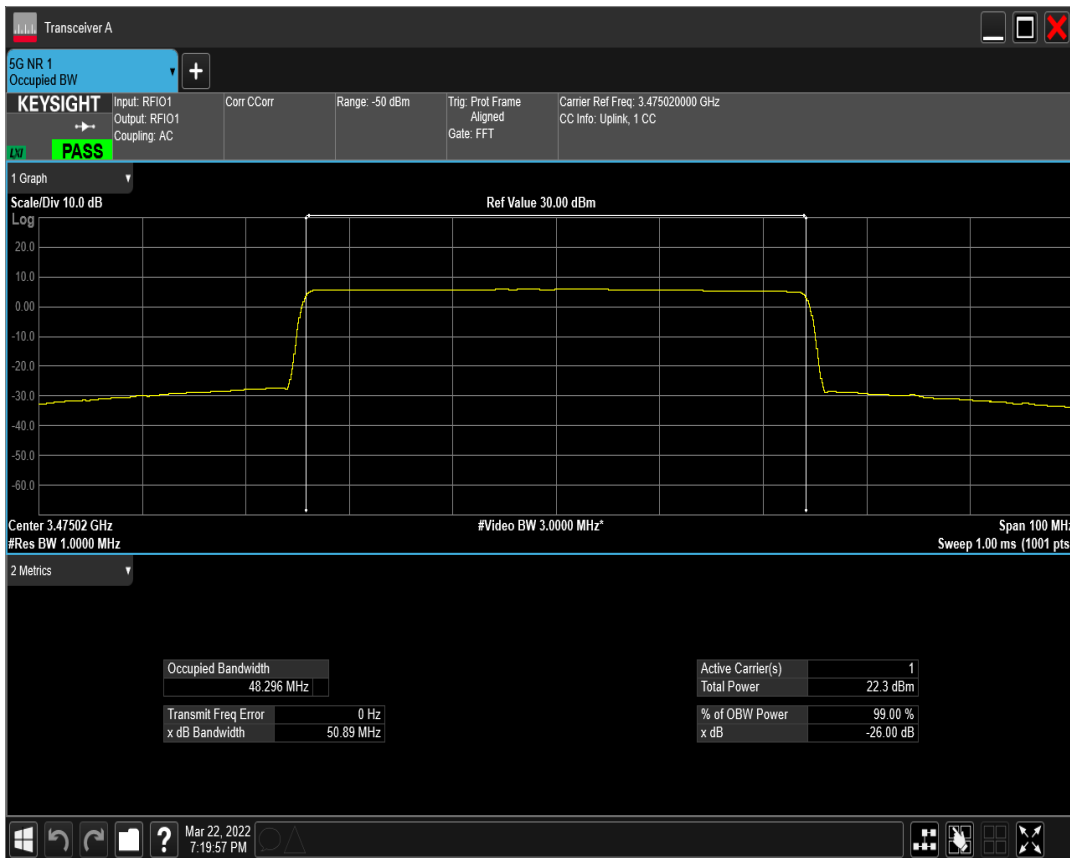
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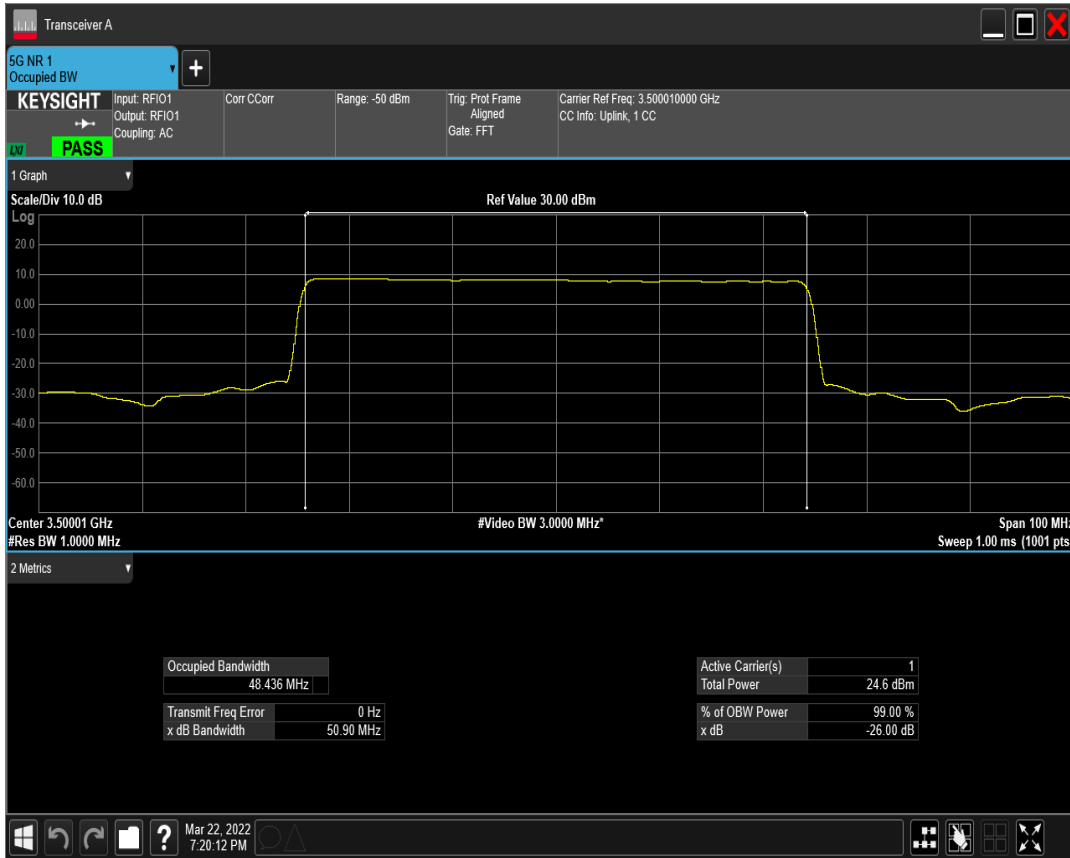
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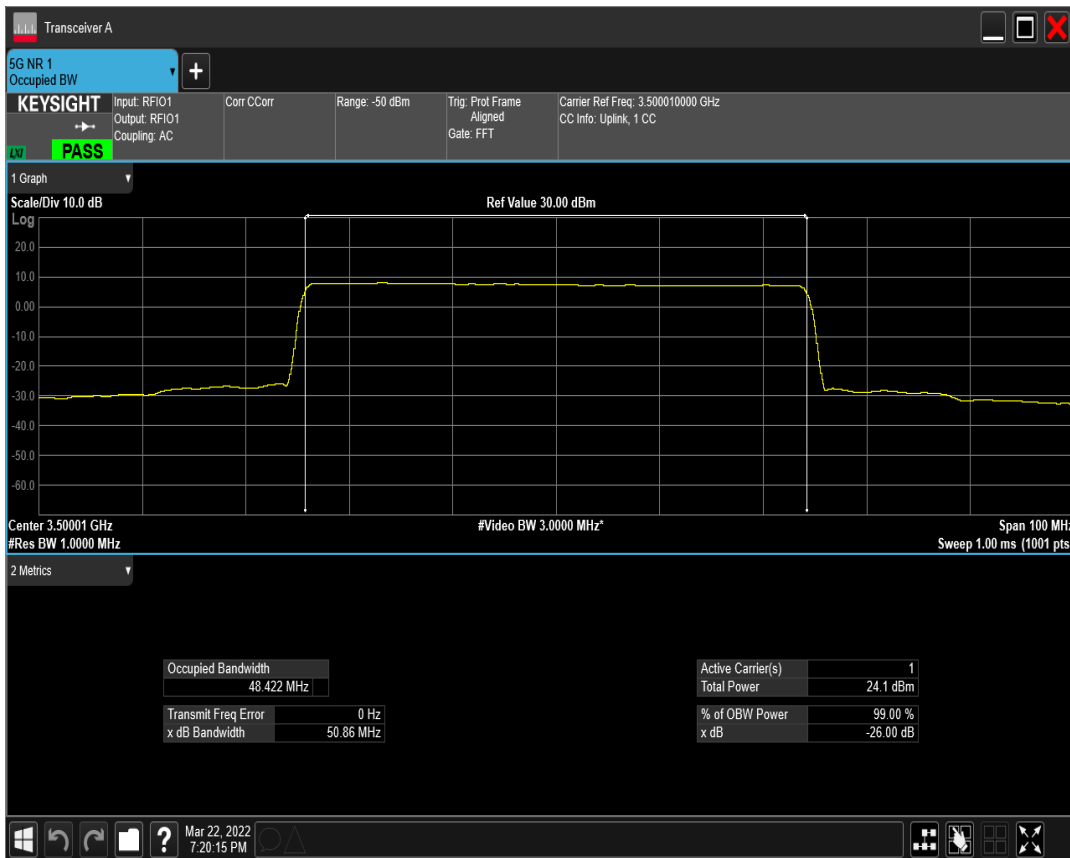
n77(3450-3550) SCS=15kHz CP\_QPSK BW=50MHz Channel=631668 RB=270@0



n77(3450-3550) SCS=15kHz DFT\_BPSK BW=50MHz Channel=633334 RB=270@0



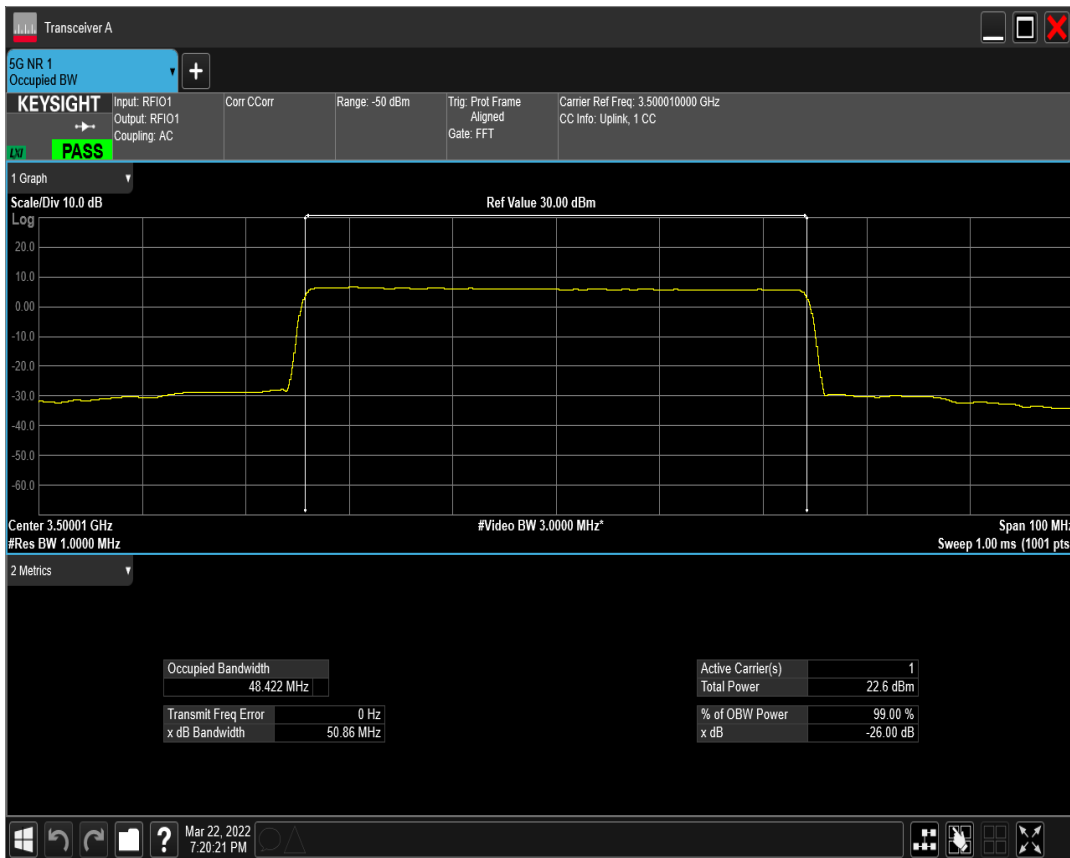
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=633334 RB=270@0



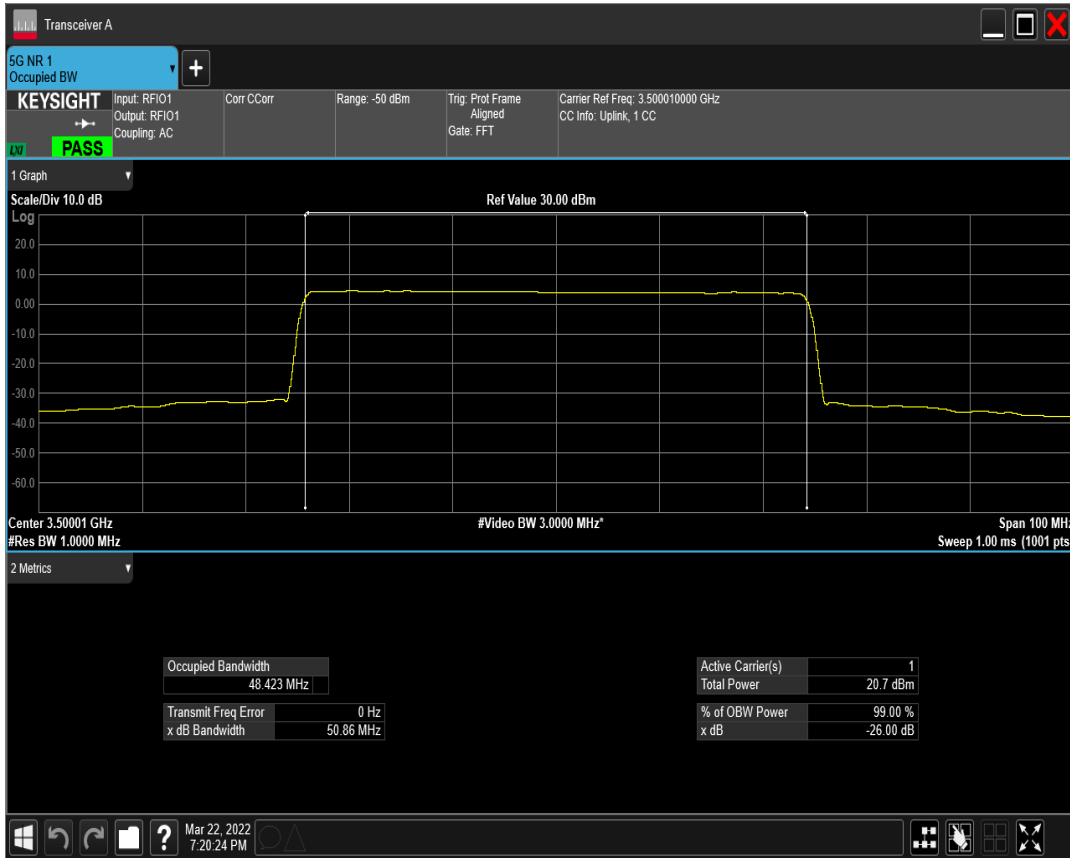
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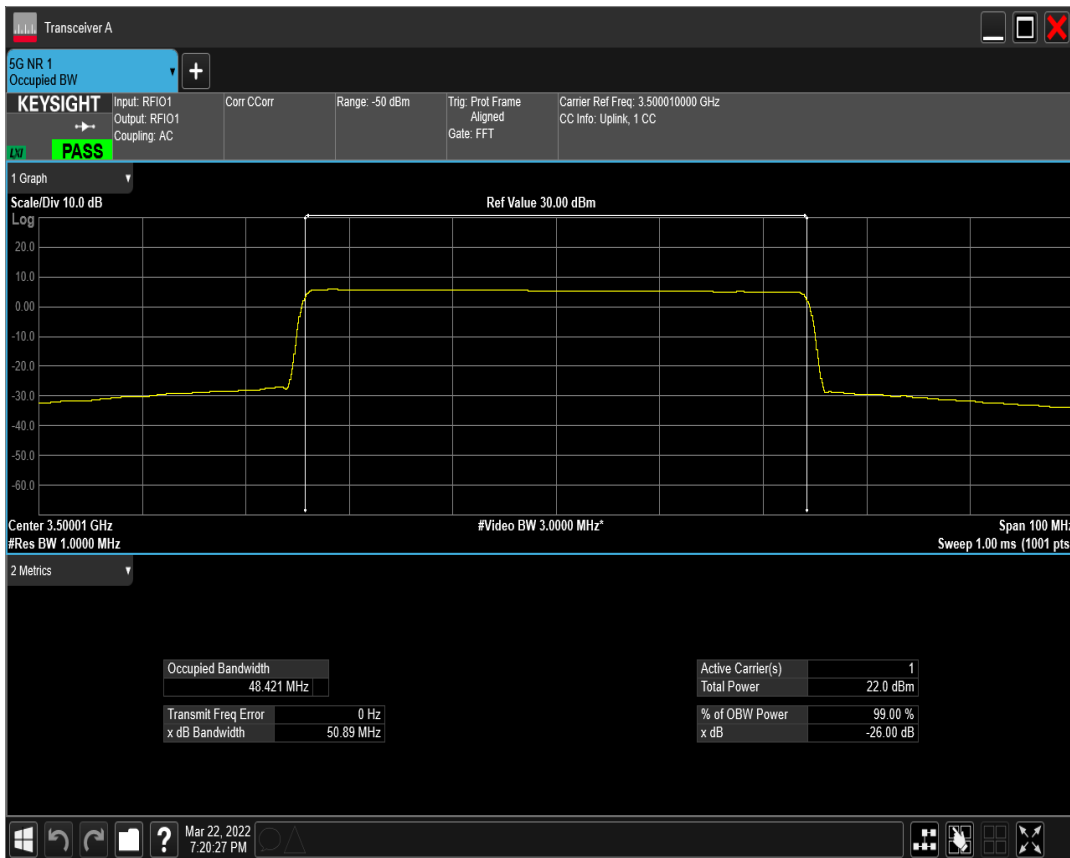
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=50MHz Channel=633334 RB=270@0



n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=50MHz Channel=633334 RB=270@0

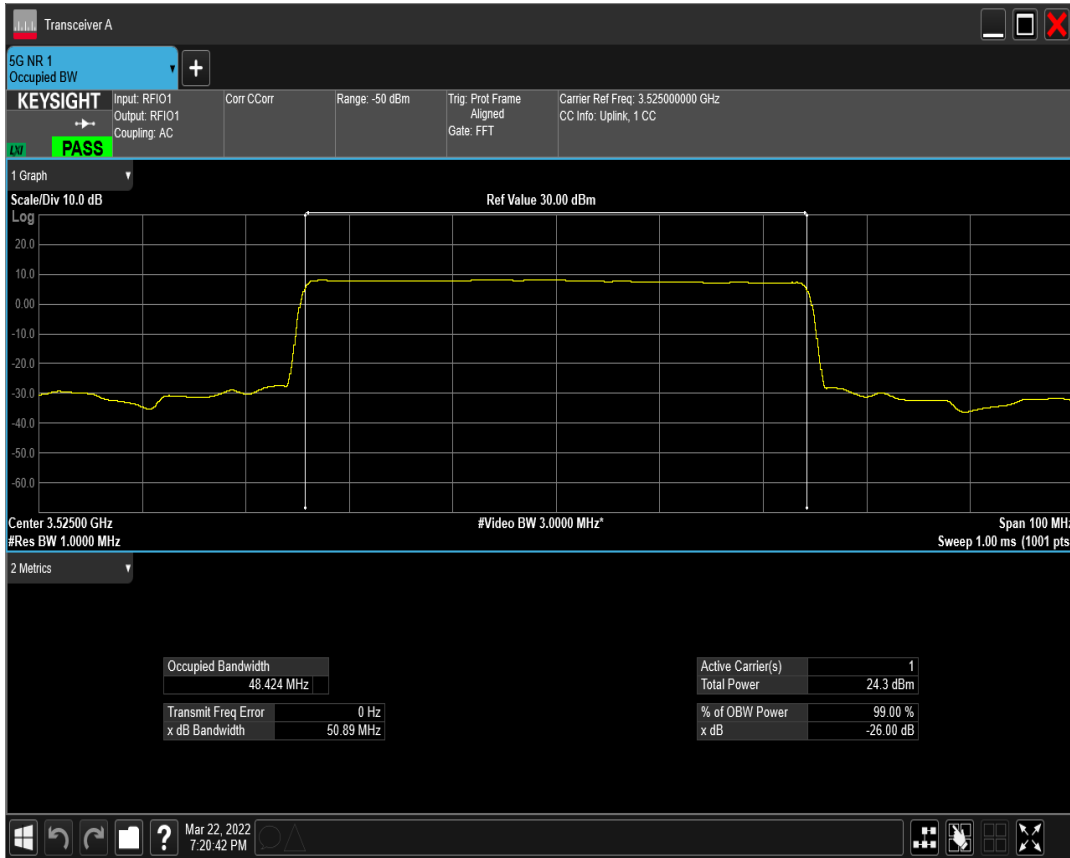


n77(3450-3550) SCS=15kHz CP\_QPSK BW=50MHz Channel=633334 RB=270@0

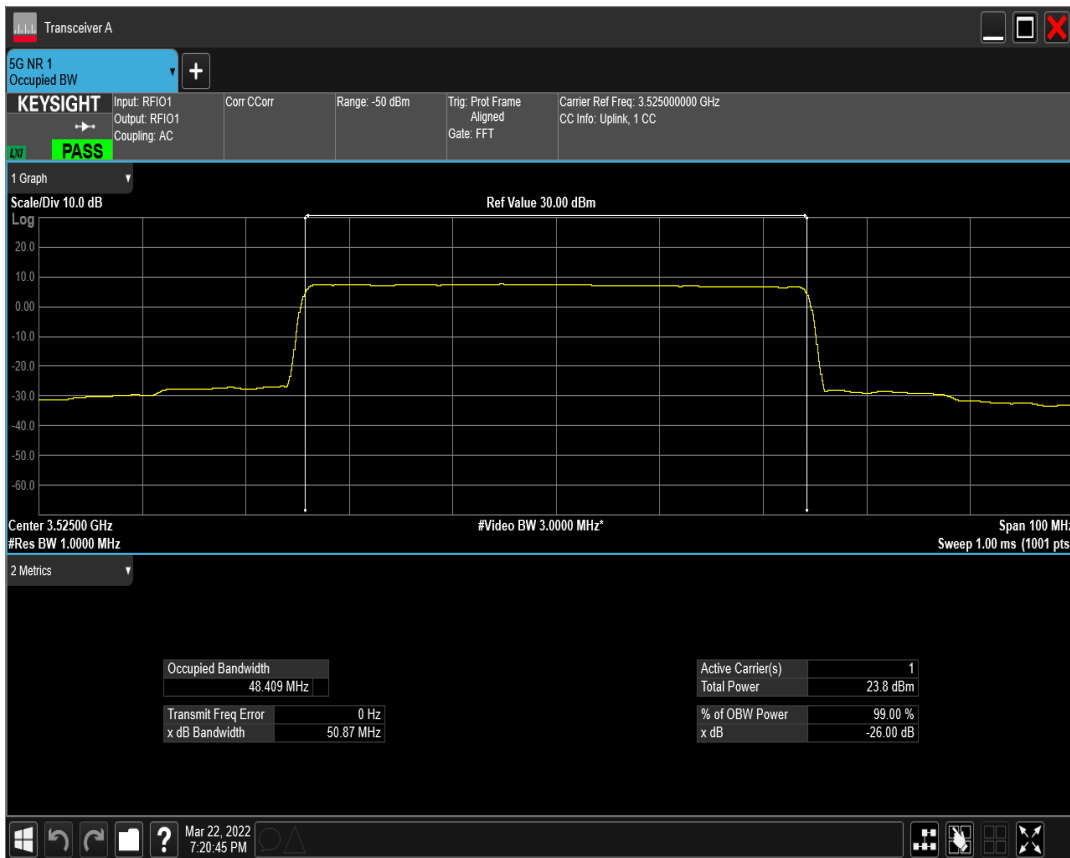


n77(3450-3550) SCS=15kHz DFT\_BPSK BW=50MHz Channel=635000 RB=270@0

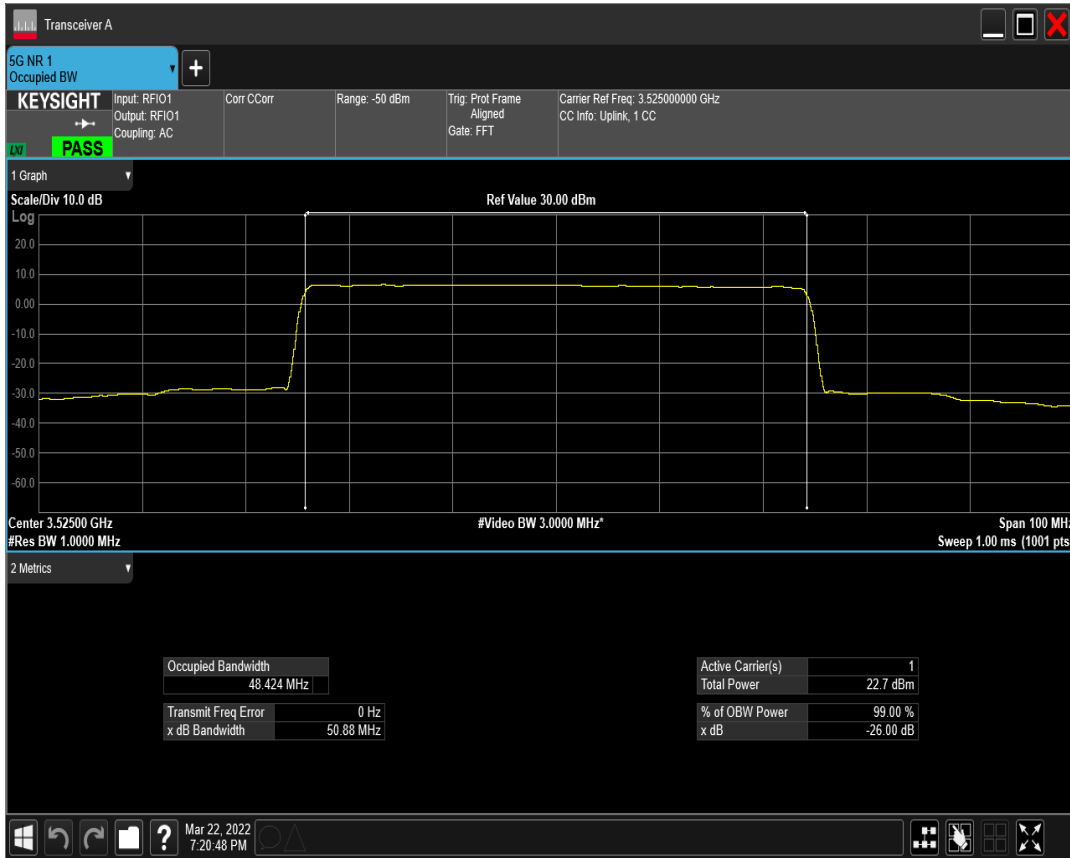




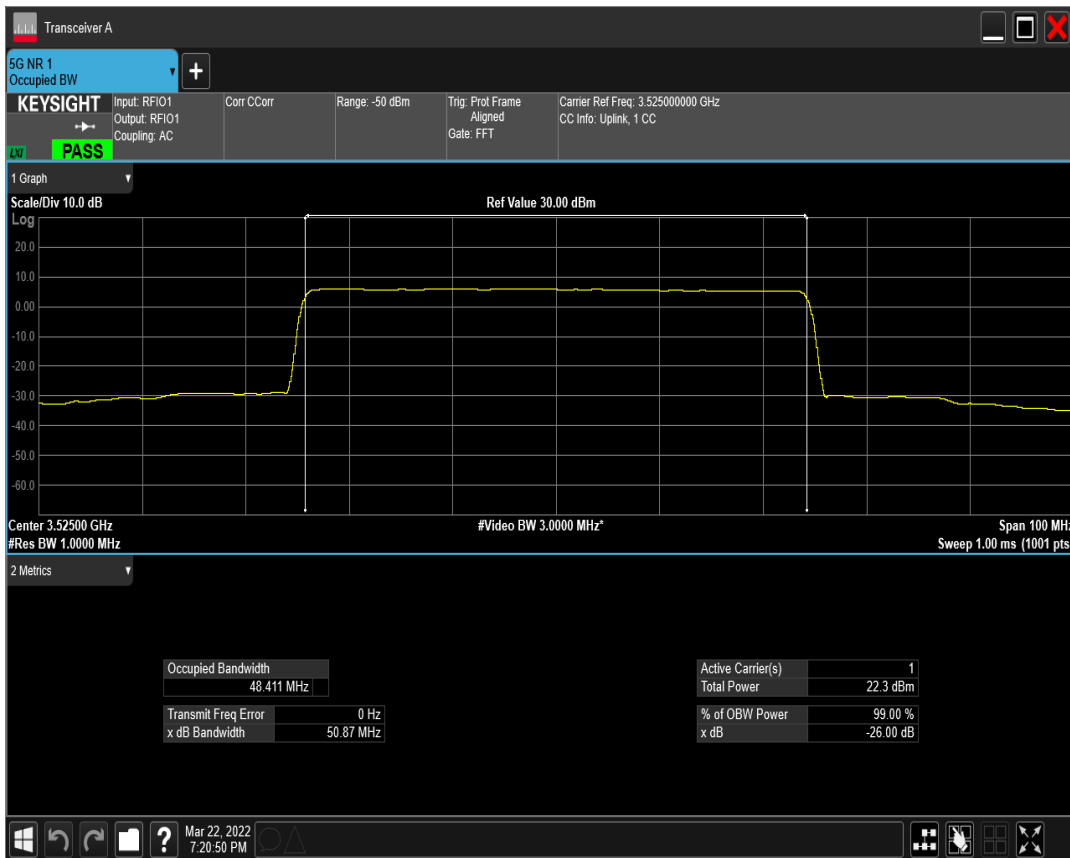
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=635000 RB=270@0



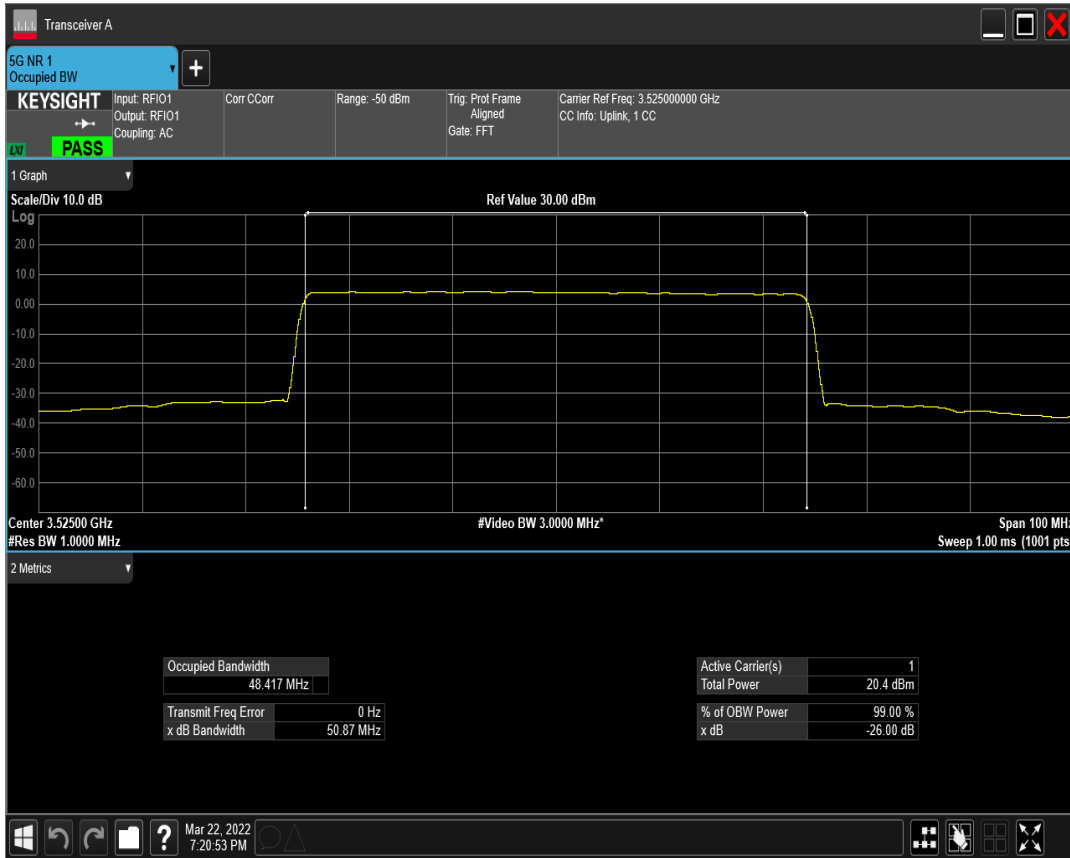
n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=50MHz Channel=635000 RB=270@0



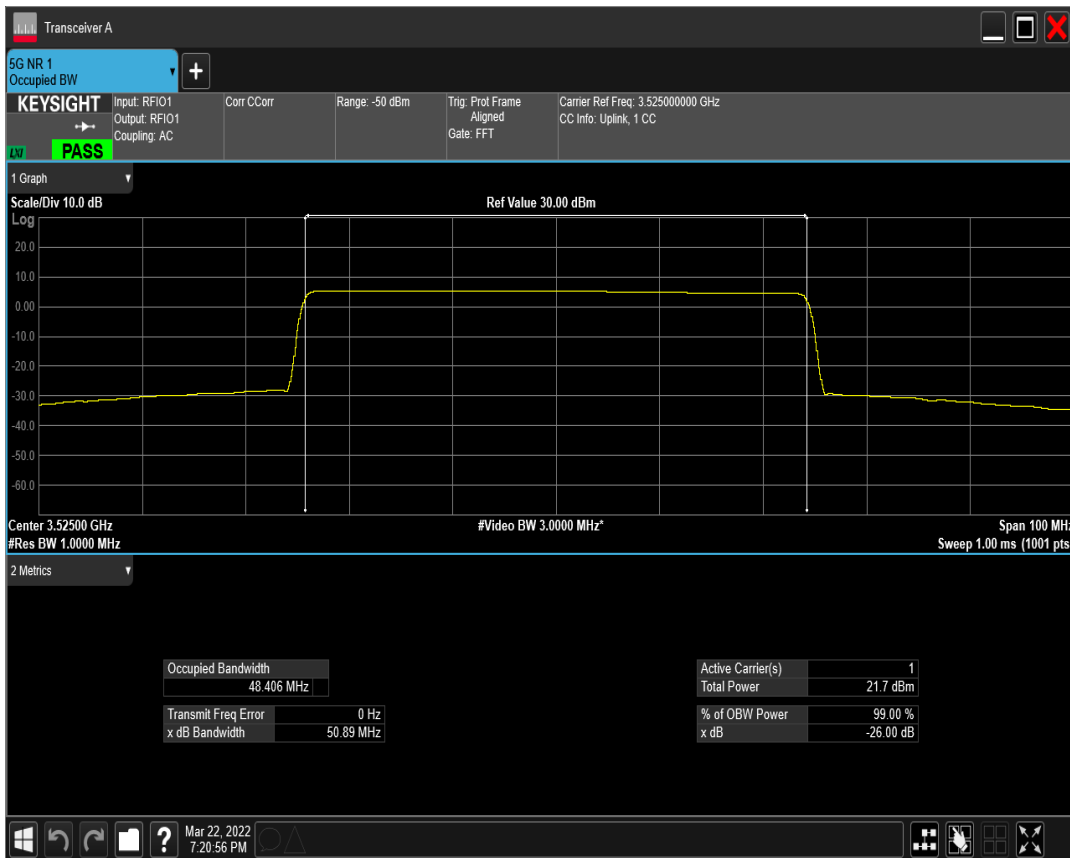
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=50MHz Channel=635000 RB=270@0



n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=50MHz Channel=635000 RB=270@0



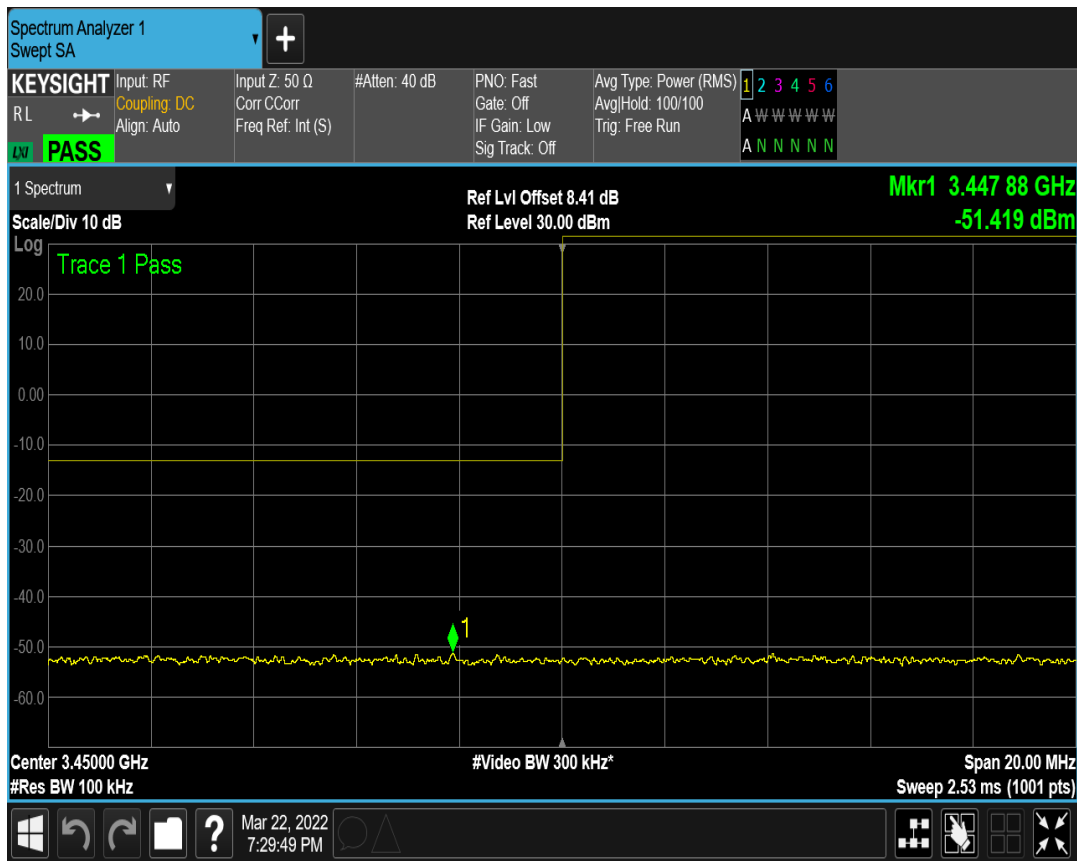
n77(3450-3550) SCS=15kHz CP\_QPSK BW=50MHz Channel=635000 RB=270@0



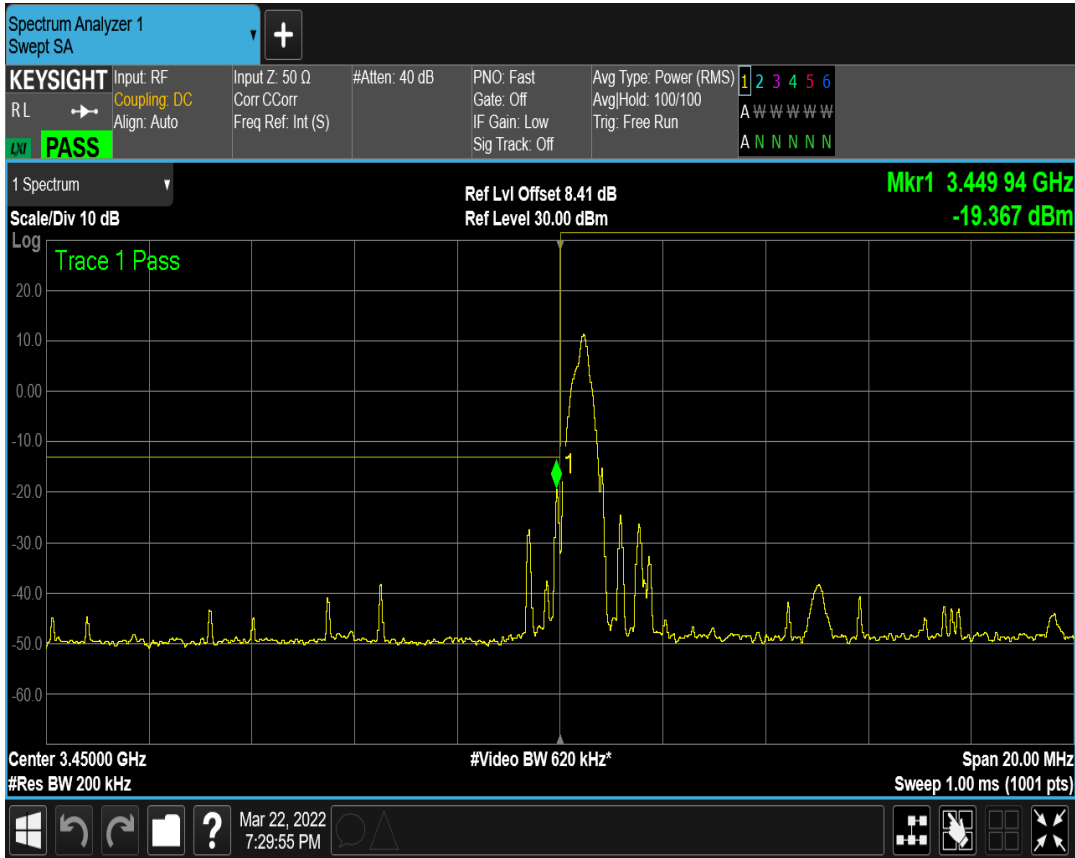
### 5. Band edge for NR FR1

| Band           | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|----------------|-----------|-----------------|------------|---------------|------------|-----------------|------------------|-------------|---------|
| n77(3450-3550) | 15        | 10              | 630334     | 50@0          | DFT_QPSK   | 3447.88         | -51.41           | -13         | PASS    |
| n77(3450-3550) | 15        | 10              | 630334     | 1@0           | DFT_QPSK   | 3449.94         | -19.36           | -13         | PASS    |
| n77(3450-3550) | 15        | 10              | 636332     | 50@0          | DFT_QPSK   | 3550.12         | -43.17           | -13         | PASS    |
| n77(3450-3550) | 15        | 10              | 636332     | 1@51          | DFT_QPSK   | 3550.08         | -20.66           | -13         | PASS    |
| n77(3450-3550) | 15        | 50              | 631668     | 270@0         | DFT_QPSK   | 3448.60         | -39.13           | -13         | PASS    |
| n77(3450-3550) | 15        | 50              | 631668     | 1@0           | DFT_QPSK   | 3450.00         | -33.31           | -13         | PASS    |
| n77(3450-3550) | 15        | 50              | 635000     | 270@0         | DFT_QPSK   | 3550.00         | -36.09           | -13         | PASS    |
| n77(3450-3550) | 15        | 50              | 635000     | 1@269         | DFT_QPSK   | 3550.00         | -33.62           | -13         | PASS    |

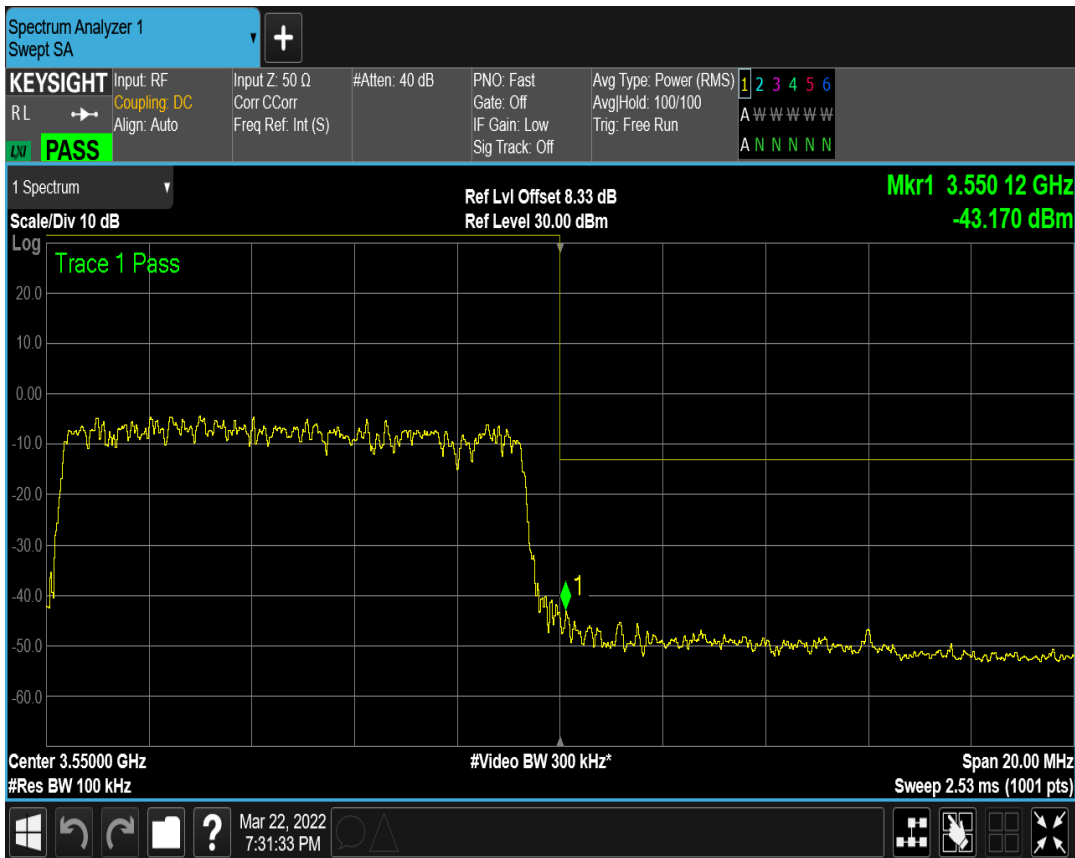
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=630334 RB=50@0



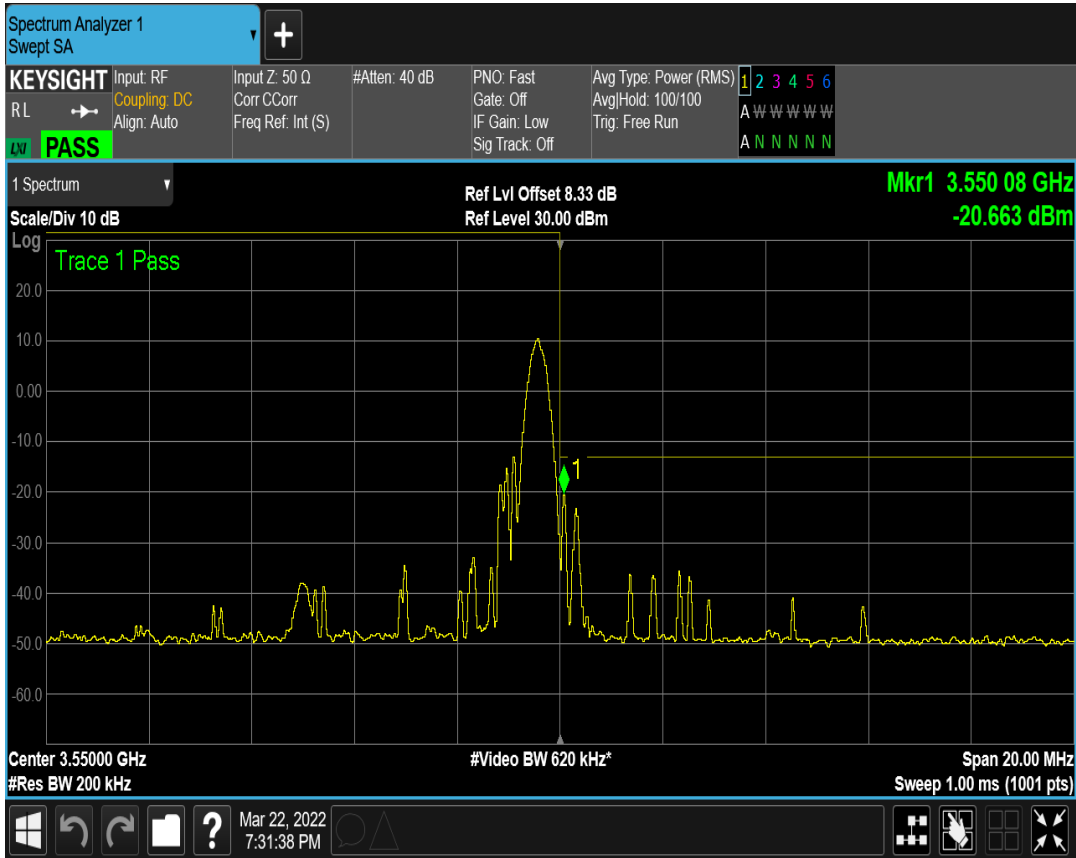
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=630334 RB=1@0



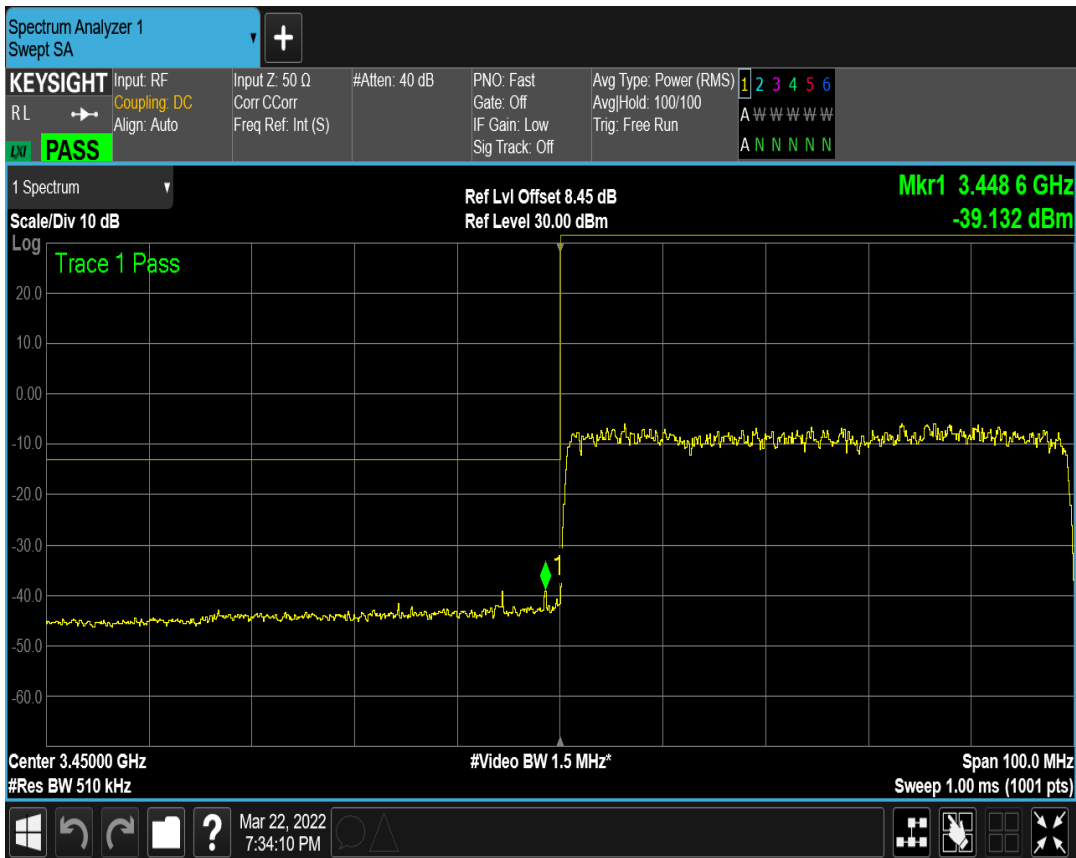
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=50@0



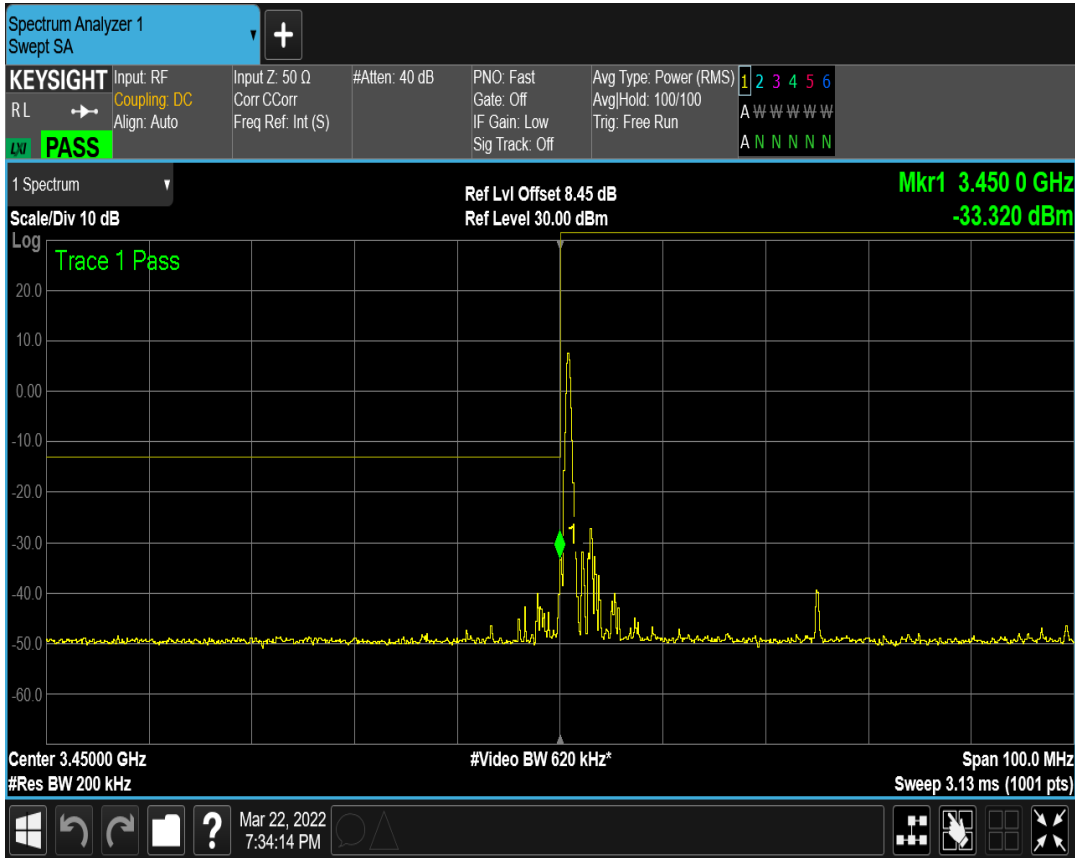
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=1@51



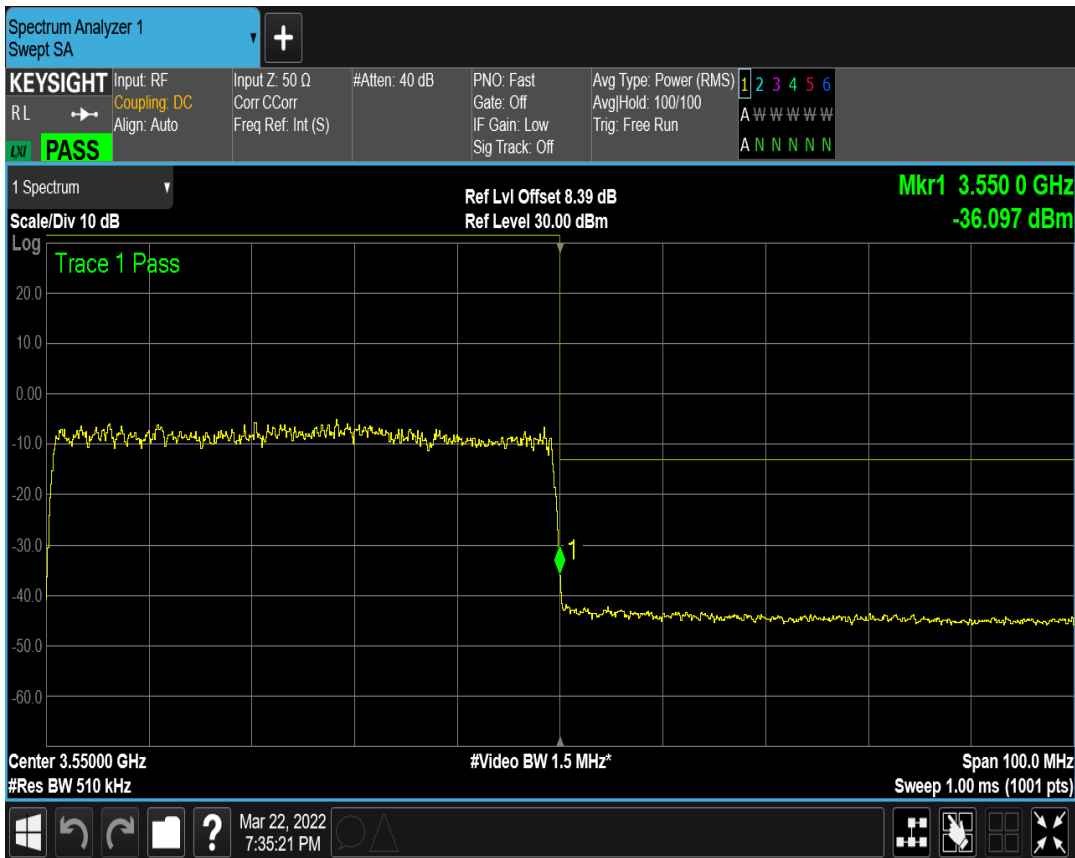
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=270@0



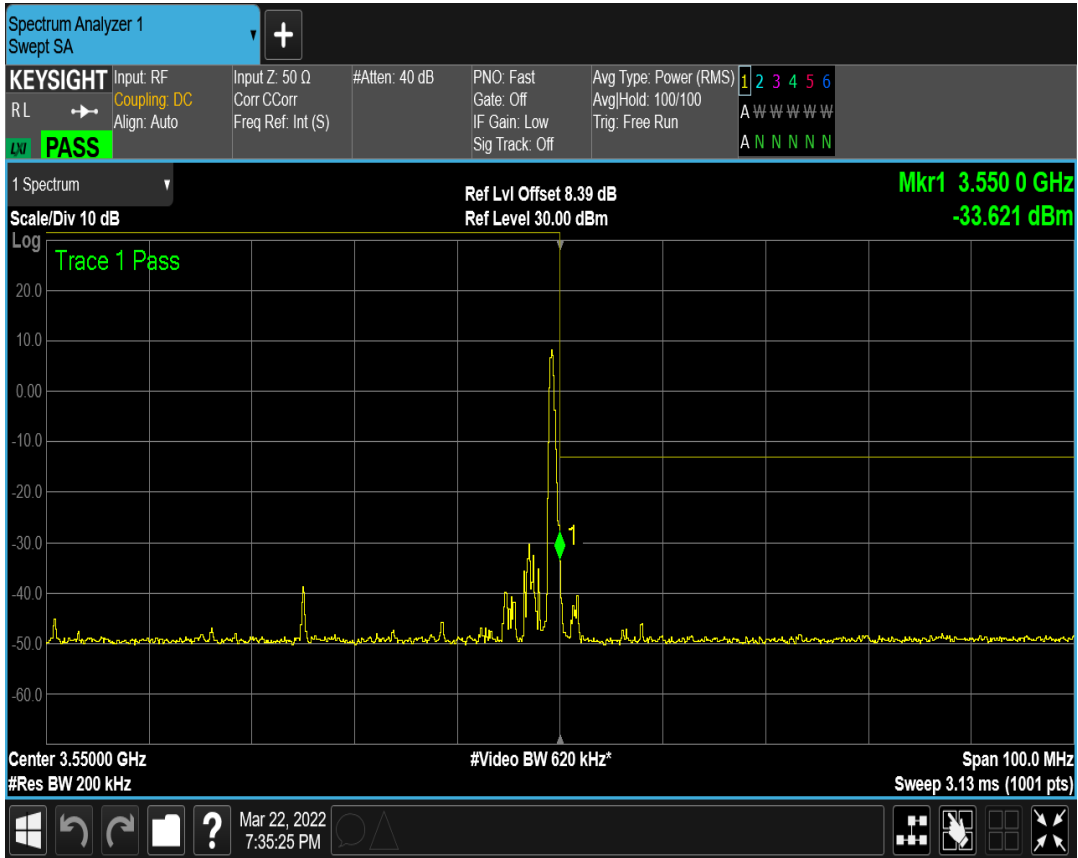
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=1@0



n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=635000 RB=270@0



n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=635000 RB=1@269

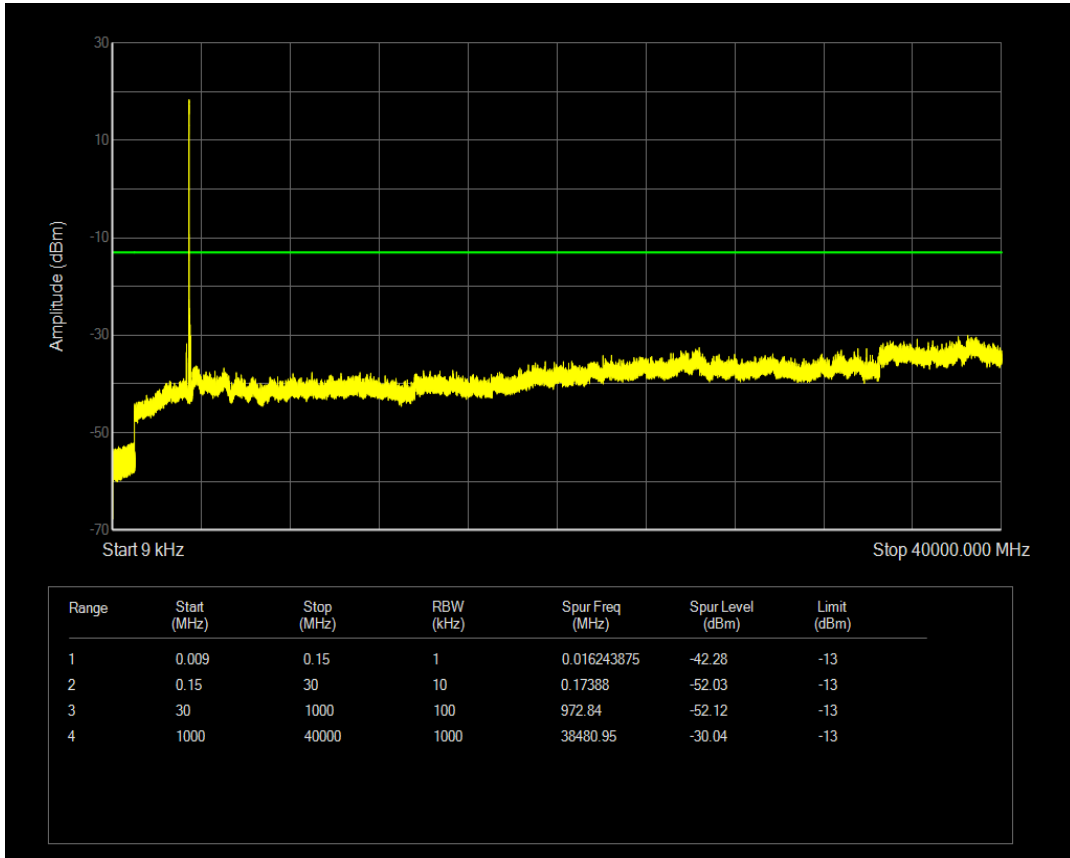




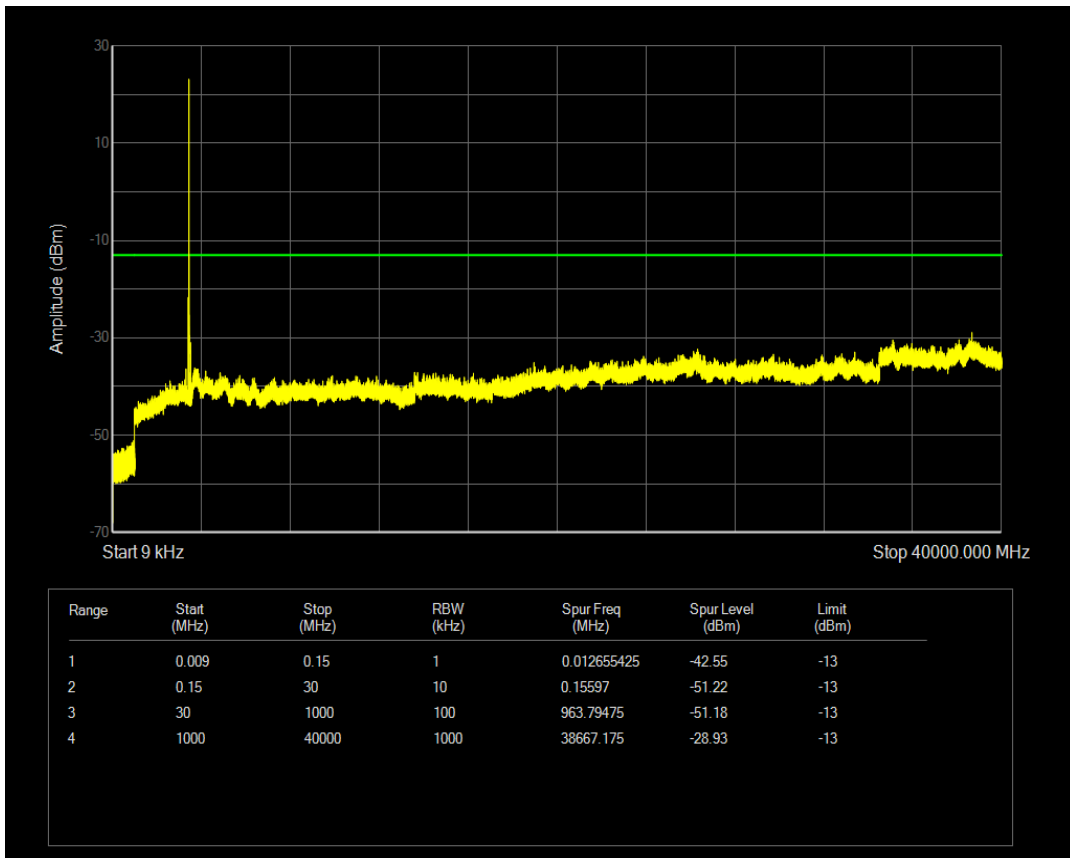
## 6. Out-of-band emissions for NR FR1

| Band           | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|----------------|-----------|-----------------|------------|---------------|------------|-----------------|------------------|-------------|---------|
| n77(3450-3550) | 15        | 10              | 630334     | 50@0          | DFT_QPSK   | 38480.95        | -30.04           | -13         | PASS    |
| n77(3450-3550) | 15        | 10              | 630334     | 1@0           | DFT_QPSK   | 38667.18        | -28.93           | -13         | PASS    |
| n77(3450-3550) | 15        | 10              | 630334     | 1@51          | DFT_QPSK   | 38083.15        | -30.34           | -13         | PASS    |
| n77(3450-3550) | 15        | 10              | 633334     | 50@0          | DFT_QPSK   | 38455.60        | -29.81           | -13         | PASS    |
| n77(3450-3550) | 15        | 10              | 633334     | 1@0           | DFT_QPSK   | 38574.55        | -29.12           | -13         | PASS    |
| n77(3450-3550) | 15        | 10              | 633334     | 1@51          | DFT_QPSK   | 38597.95        | -30.11           | -13         | PASS    |
| n77(3450-3550) | 15        | 10              | 636332     | 50@0          | DFT_QPSK   | 3594.48         | -27.63           | -13         | PASS    |
| n77(3450-3550) | 15        | 10              | 636332     | 1@0           | DFT_QPSK   | 38516.05        | -29.52           | -13         | PASS    |
| n77(3450-3550) | 15        | 10              | 636332     | 1@51          | DFT_QPSK   | 3590.58         | -25.86           | -13         | PASS    |
| n77(3450-3550) | 15        | 50              | 631668     | 270@0         | DFT_QPSK   | 38738.35        | -30.10           | -13         | PASS    |
| n77(3450-3550) | 15        | 50              | 631668     | 1@0           | DFT_QPSK   | 38607.70        | -29.70           | -13         | PASS    |
| n77(3450-3550) | 15        | 50              | 631668     | 1@269         | DFT_QPSK   | 38586.25        | -29.48           | -13         | PASS    |
| n77(3450-3550) | 15        | 50              | 633334     | 270@0         | DFT_QPSK   | 38569.68        | -29.54           | -13         | PASS    |
| n77(3450-3550) | 15        | 50              | 633334     | 1@0           | DFT_QPSK   | 38644.75        | -30.21           | -13         | PASS    |
| n77(3450-3550) | 15        | 50              | 633334     | 1@269         | DFT_QPSK   | 38810.50        | -30.28           | -13         | PASS    |
| n77(3450-3550) | 15        | 50              | 635000     | 270@0         | DFT_QPSK   | 38724.70        | -28.60           | -13         | PASS    |
| n77(3450-3550) | 15        | 50              | 635000     | 1@0           | DFT_QPSK   | 38511.18        | -30.12           | -13         | PASS    |
| n77(3450-3550) | 15        | 50              | 635000     | 1@269         | DFT_QPSK   | 34838.35        | -30.19           | -13         | PASS    |

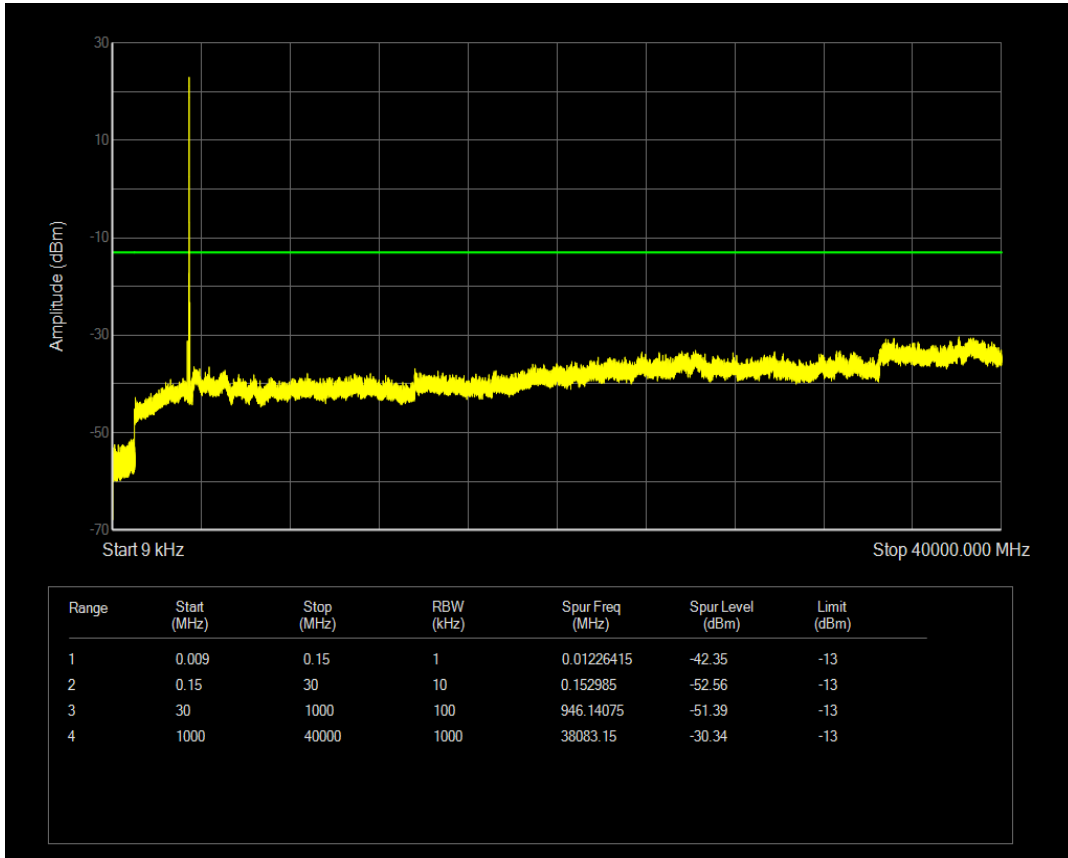
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=630334 RB=50@0



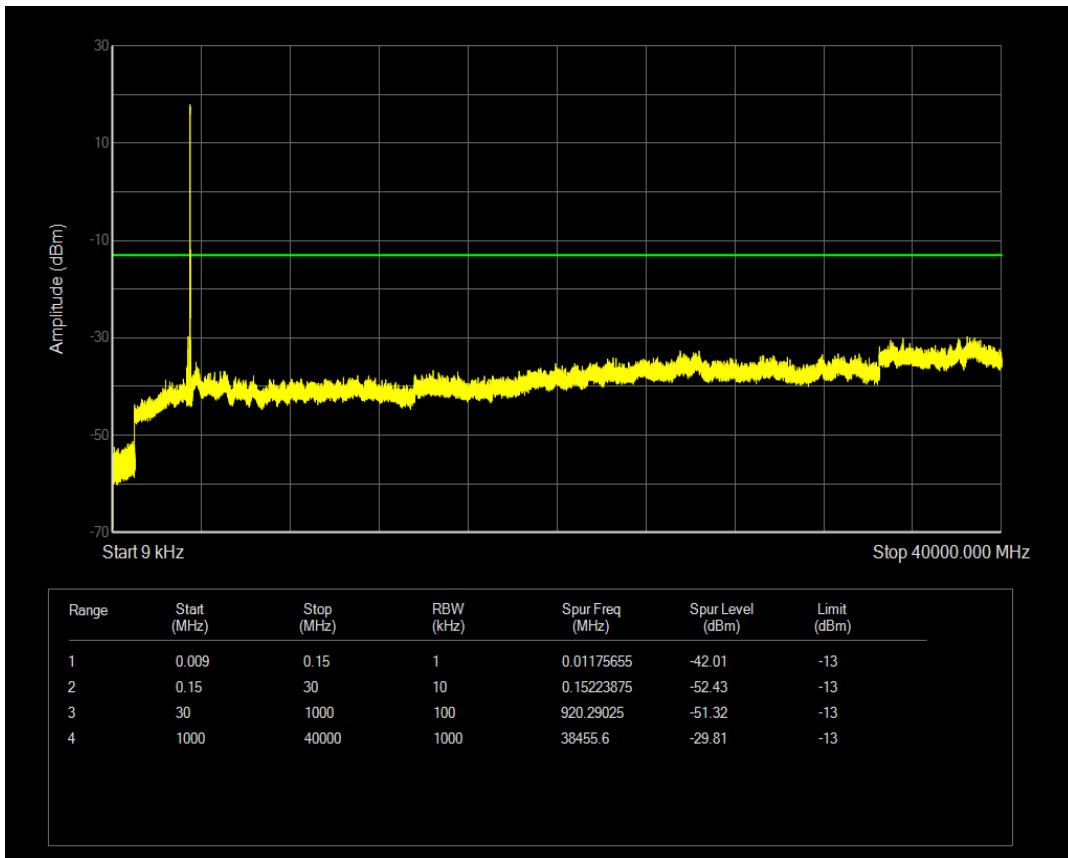
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=630334 RB=1@0



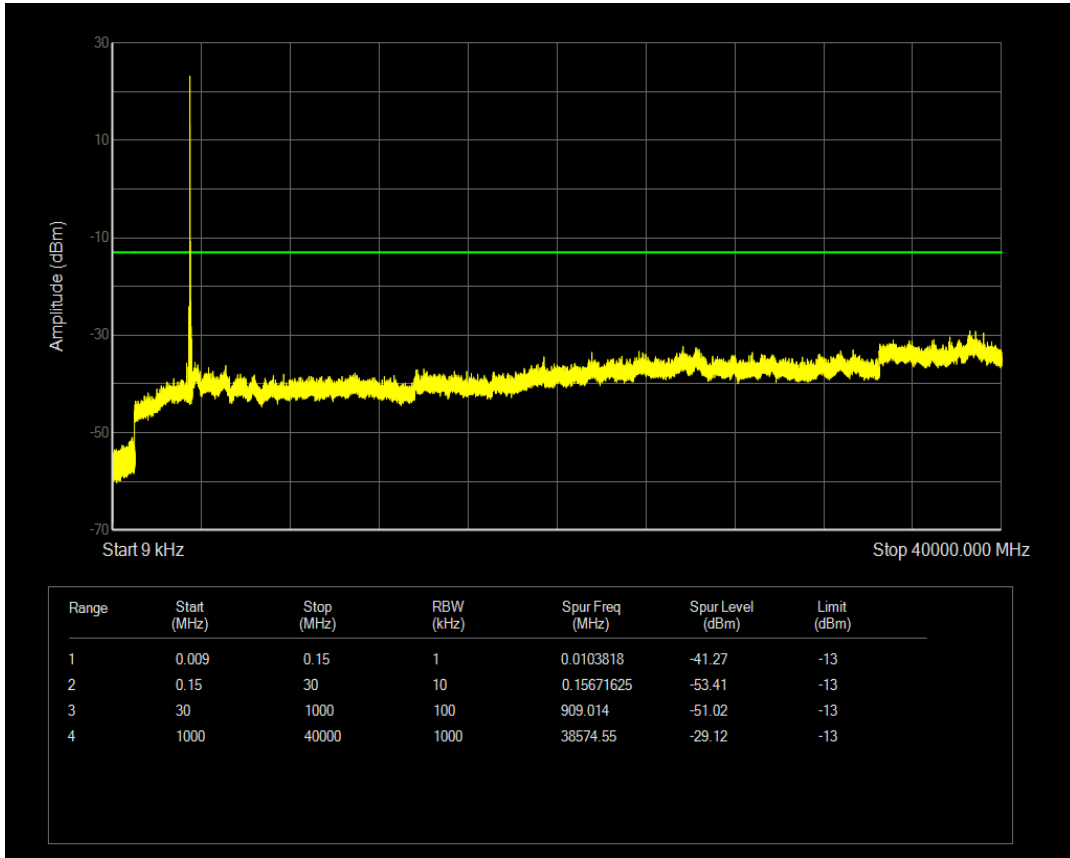
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=630334 RB=1@51



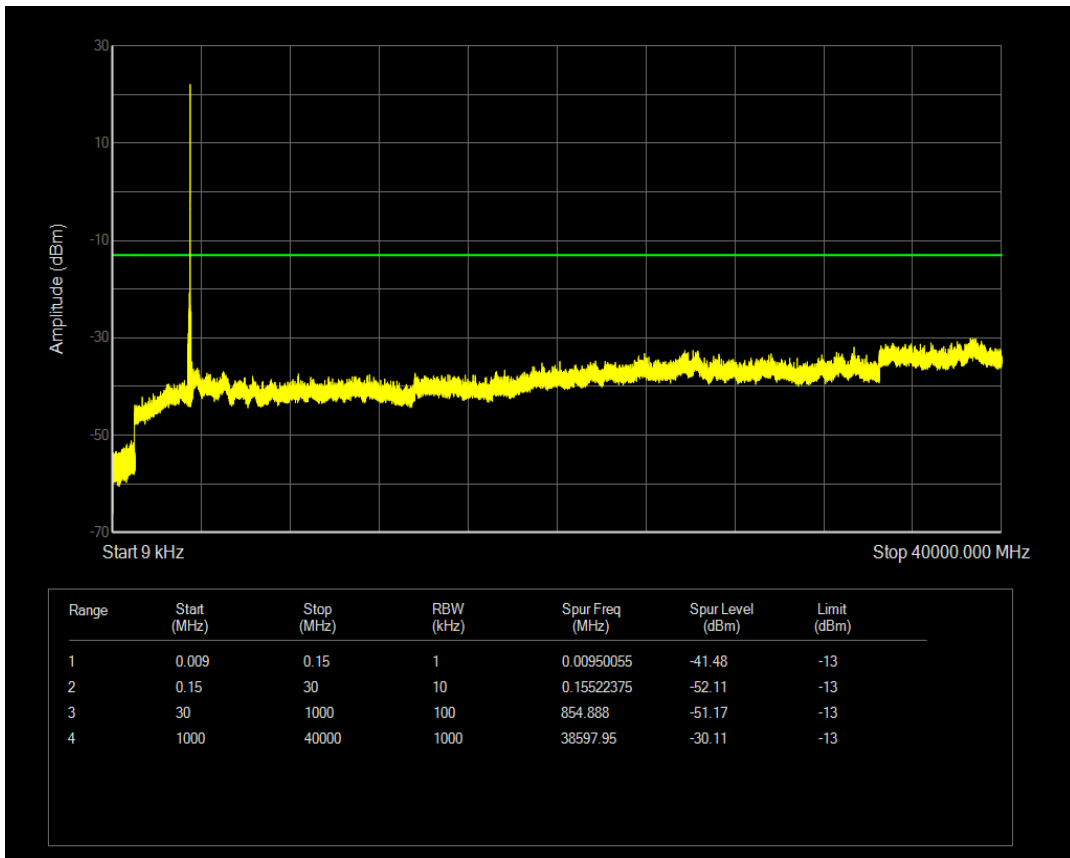
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=633334 RB=50@0



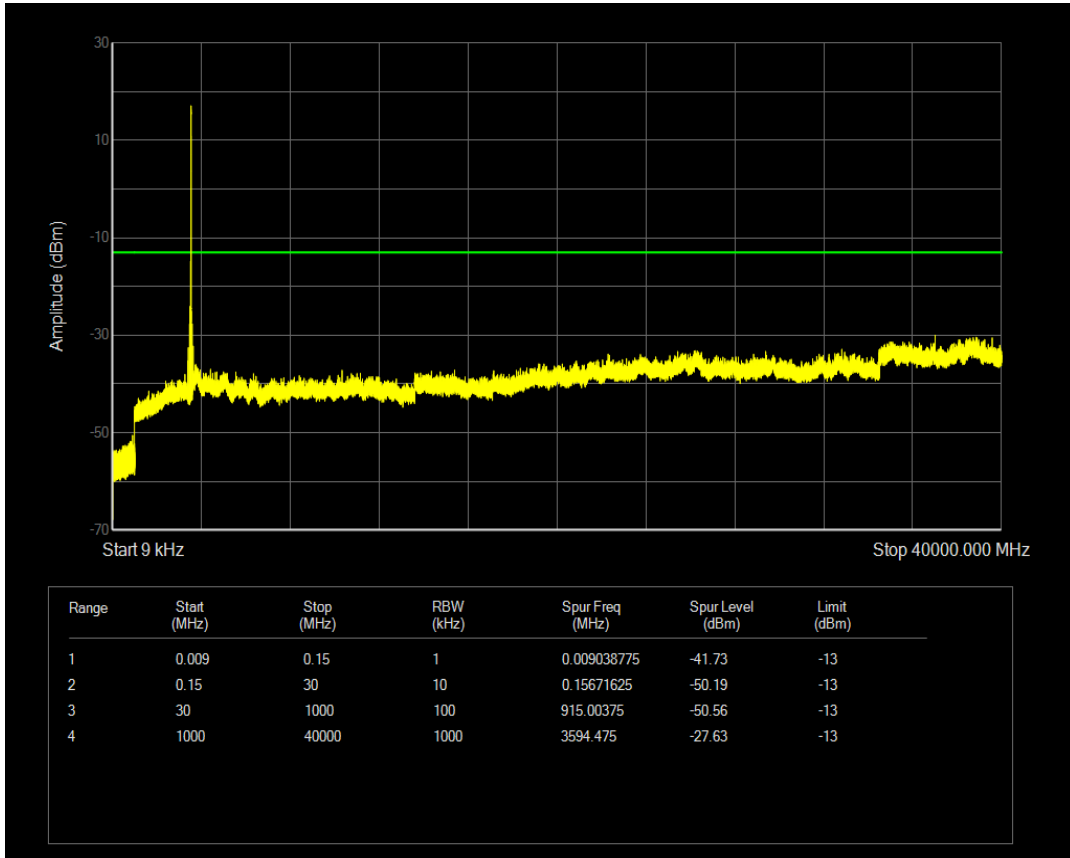
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=633334 RB=1@0



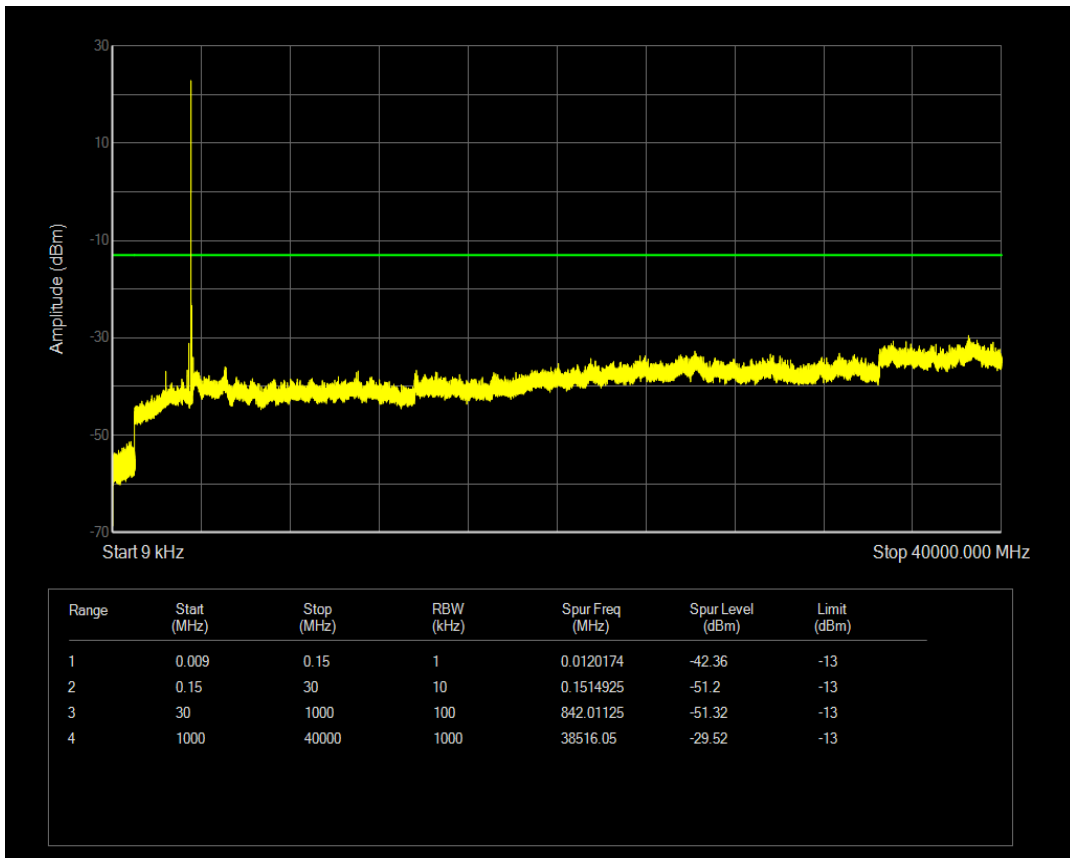
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=633334 RB=1@51



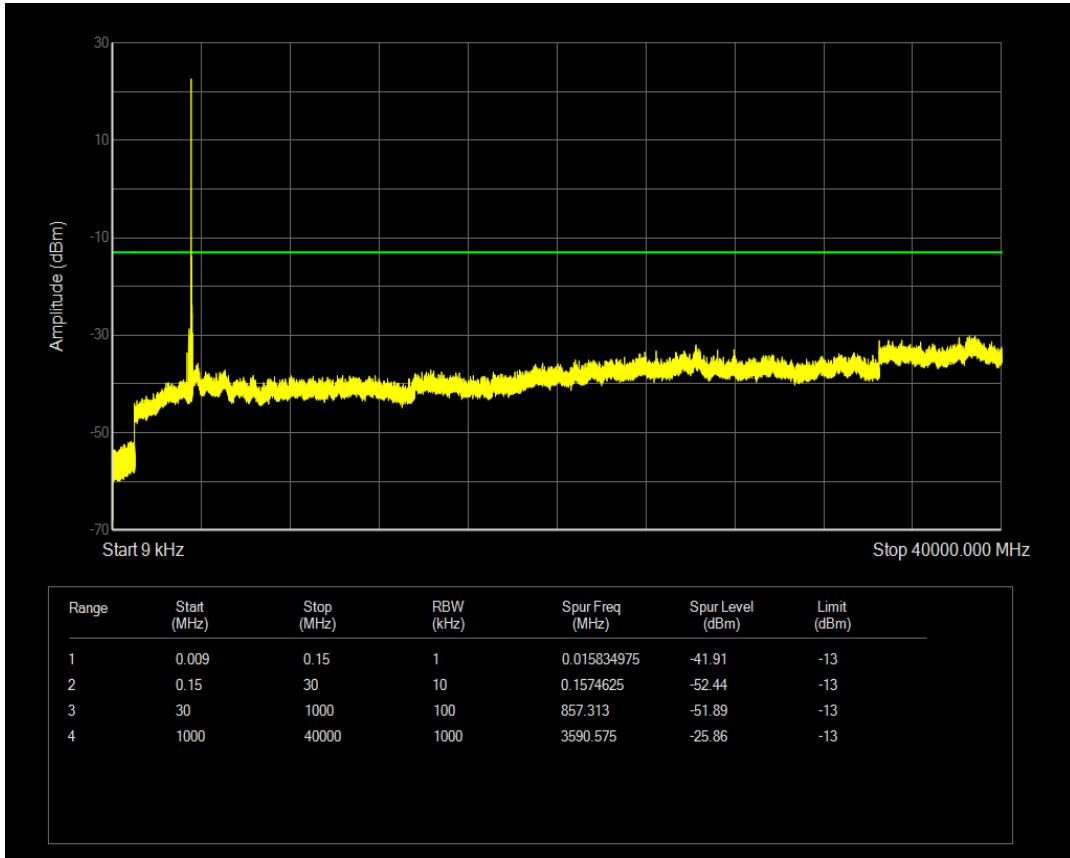
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=50@0



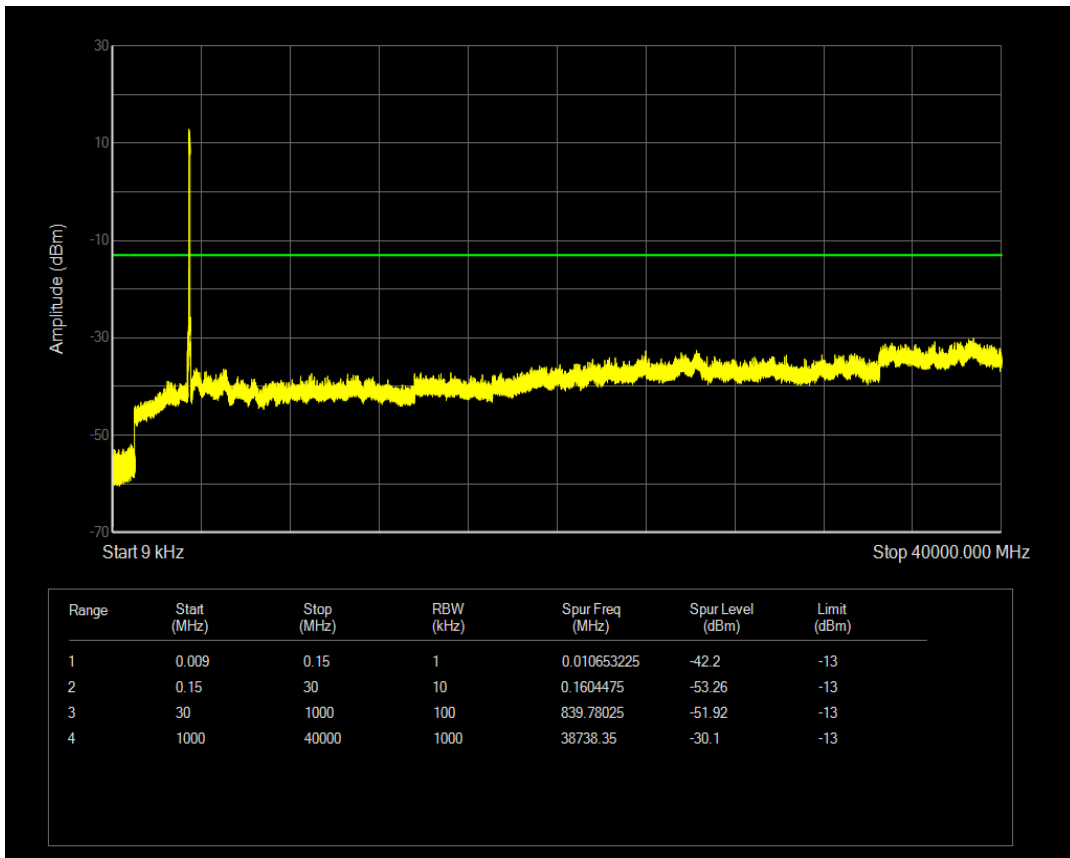
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=1@0



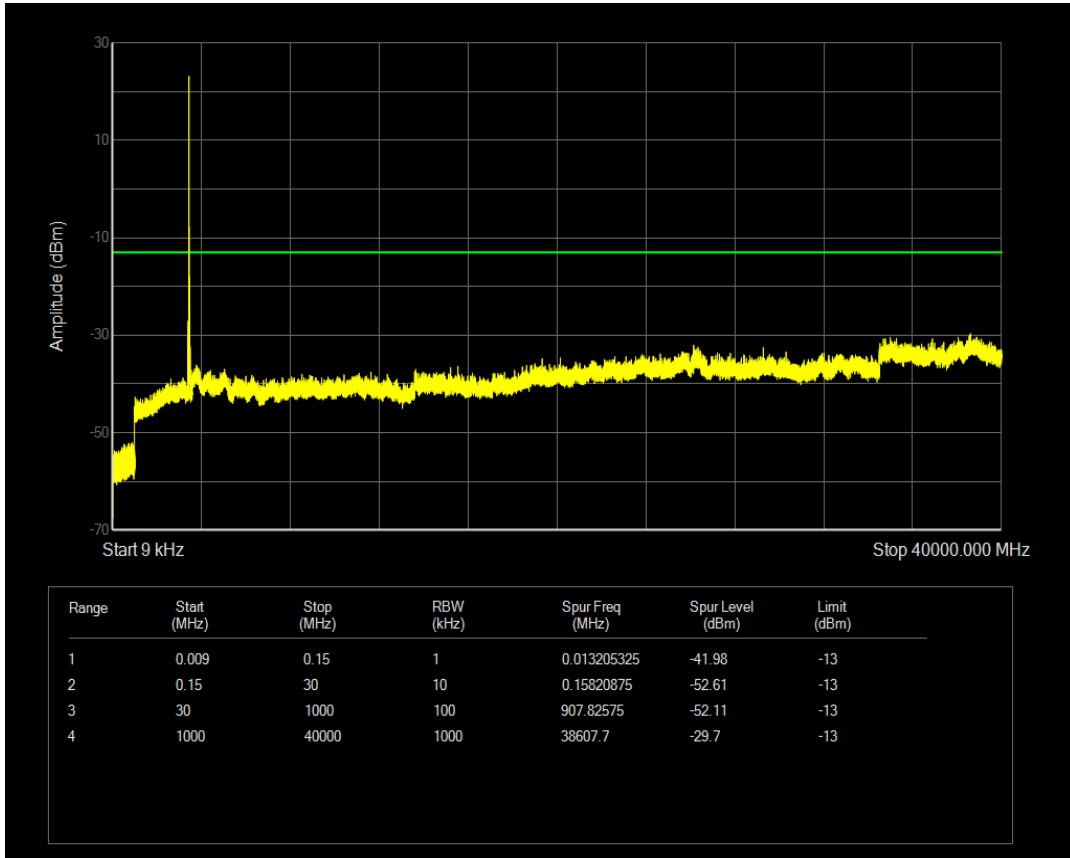
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=1@51



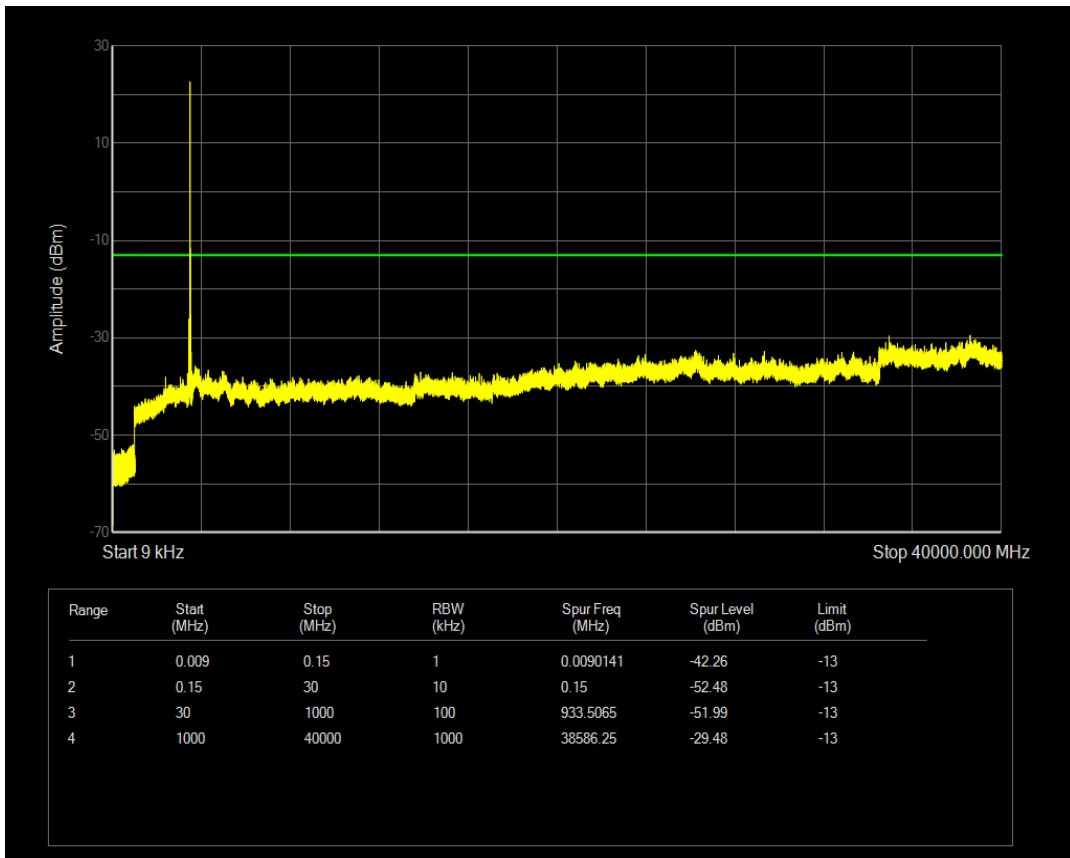
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=270@0



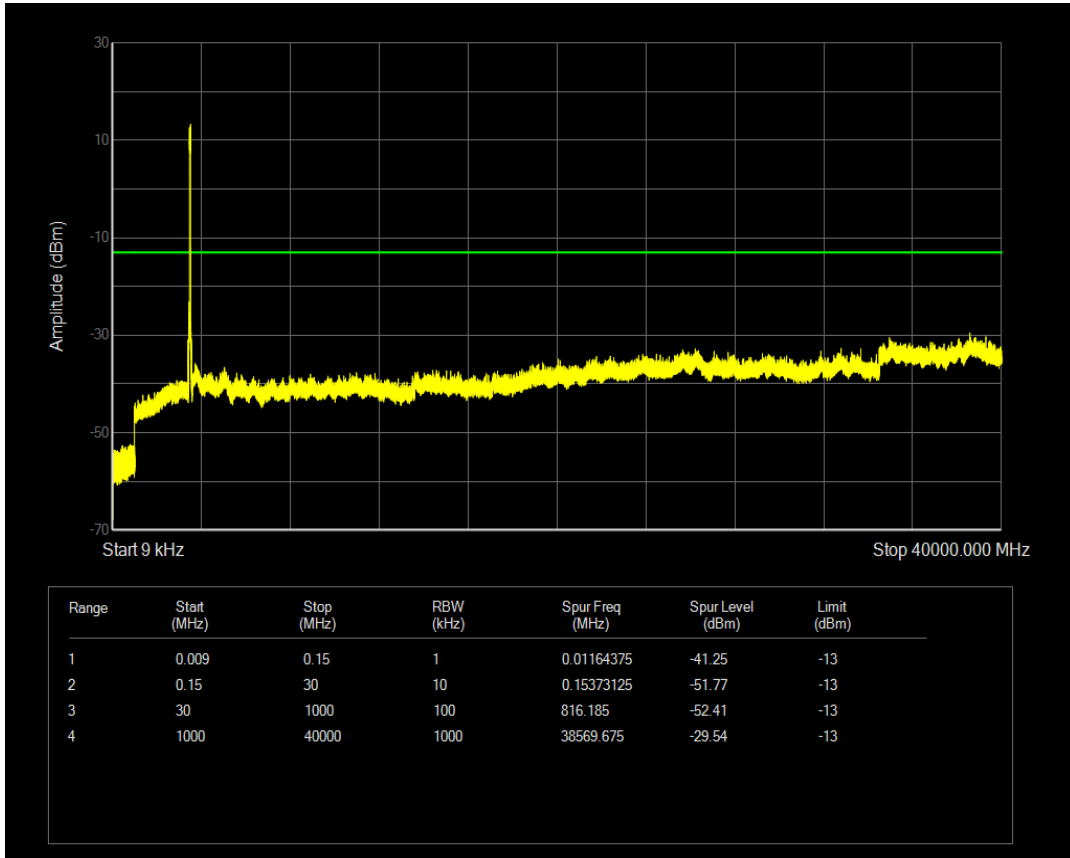
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=1@0



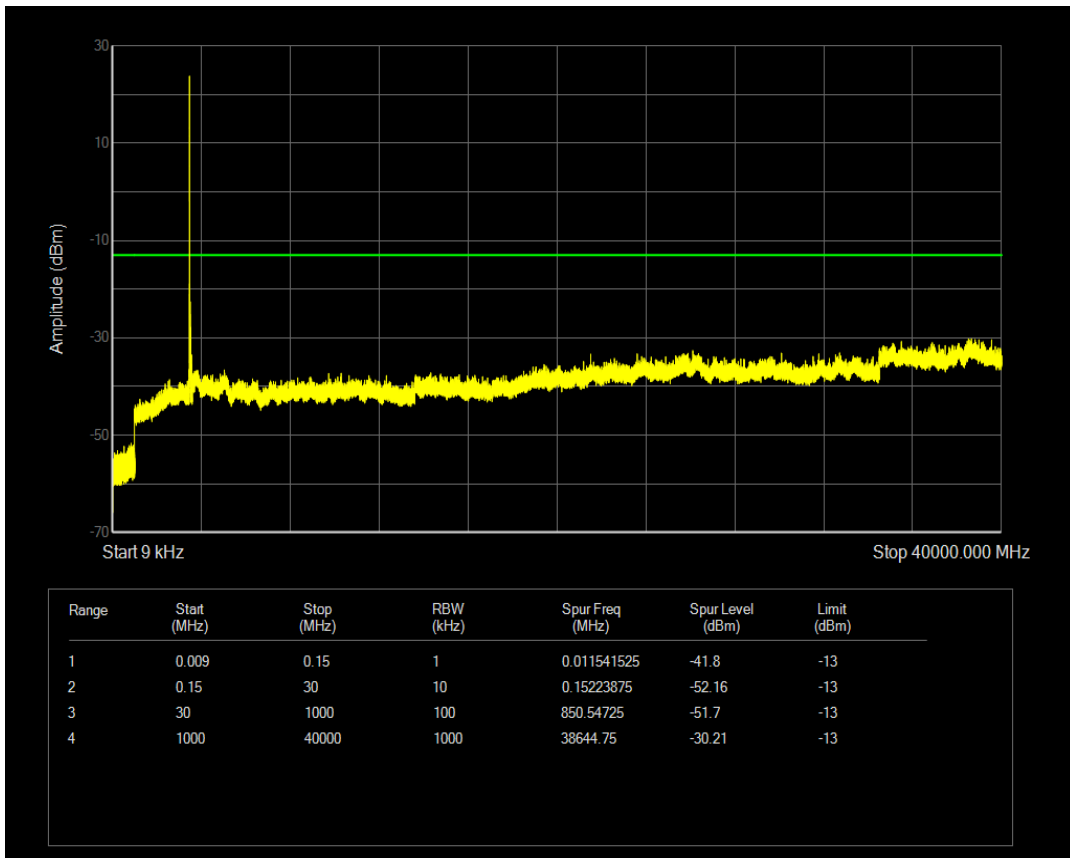
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=1@269



n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=633334 RB=270@0

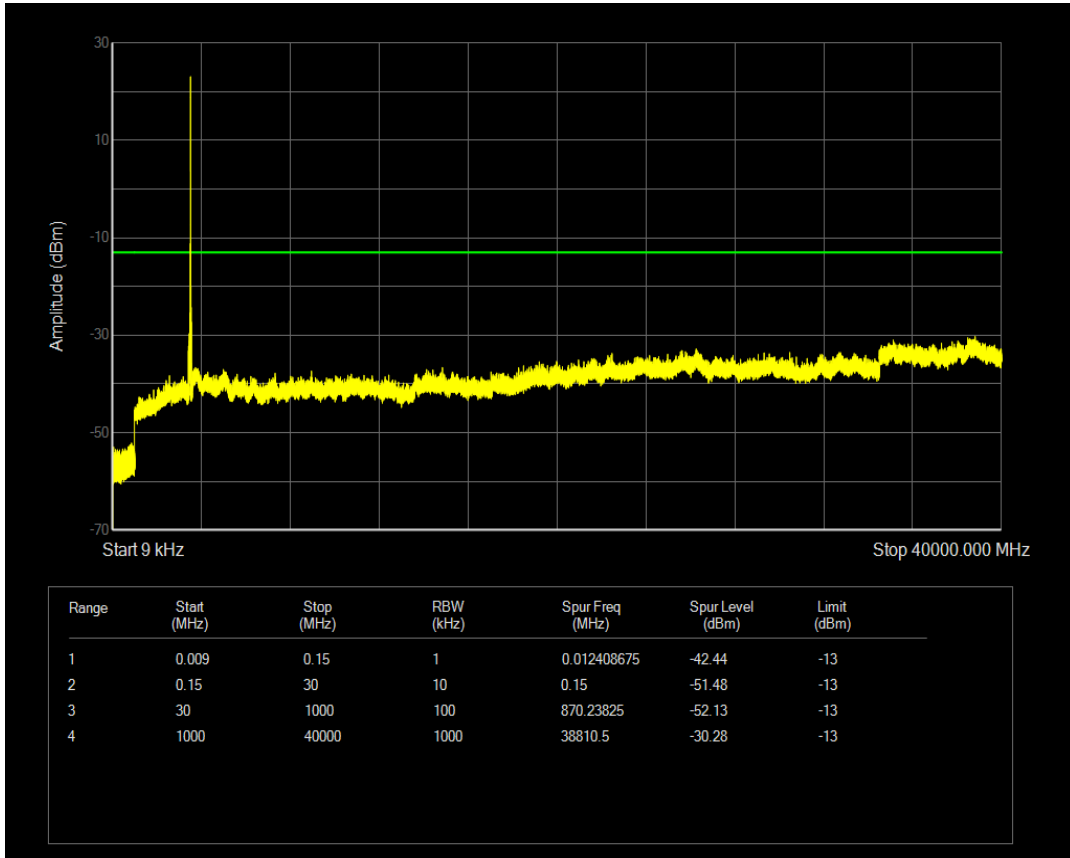


n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=633334 RB=1@0

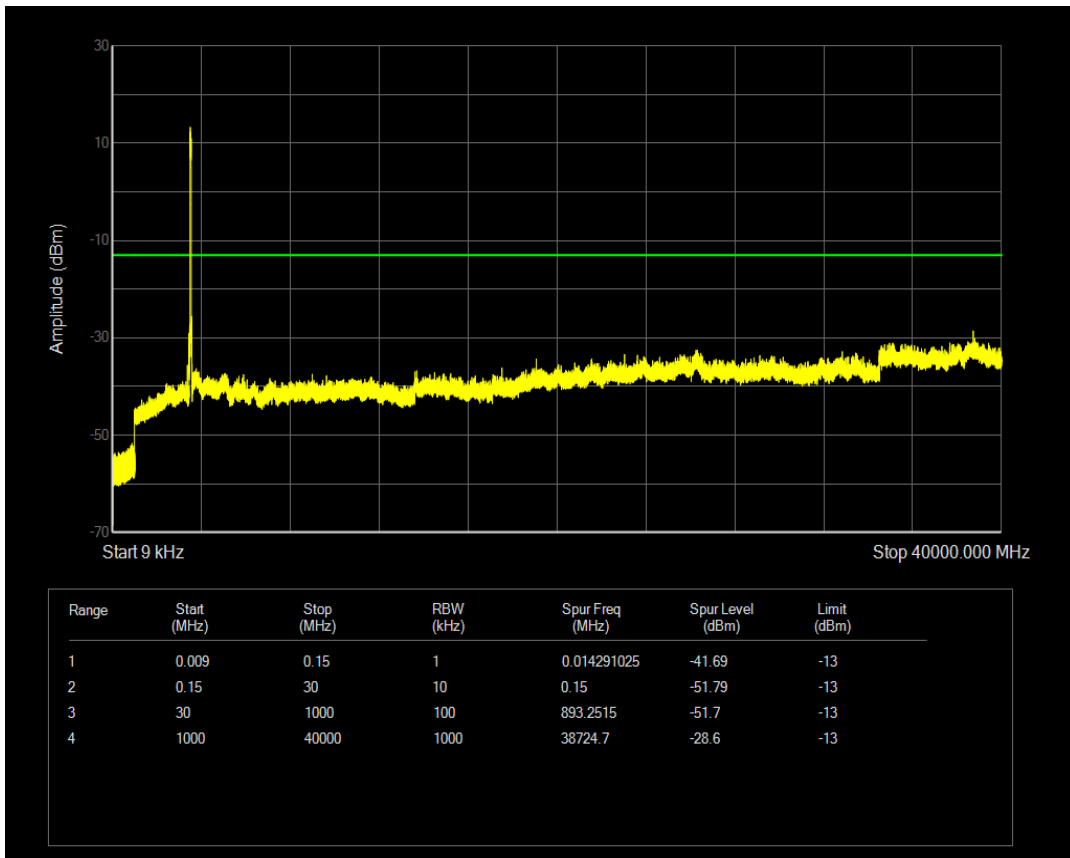


n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=633334 RB=1@269

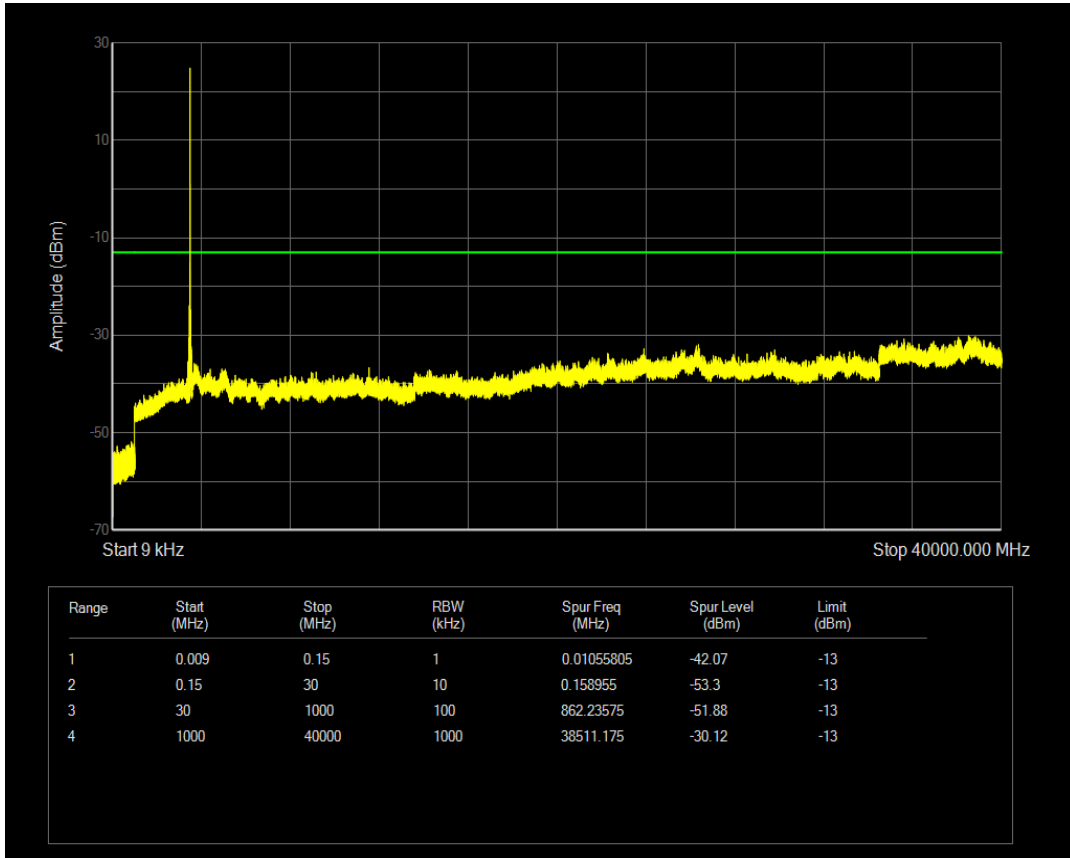




n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=635000 RB=270@0



n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=635000 RB=1@0



n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=635000 RB=1@269

