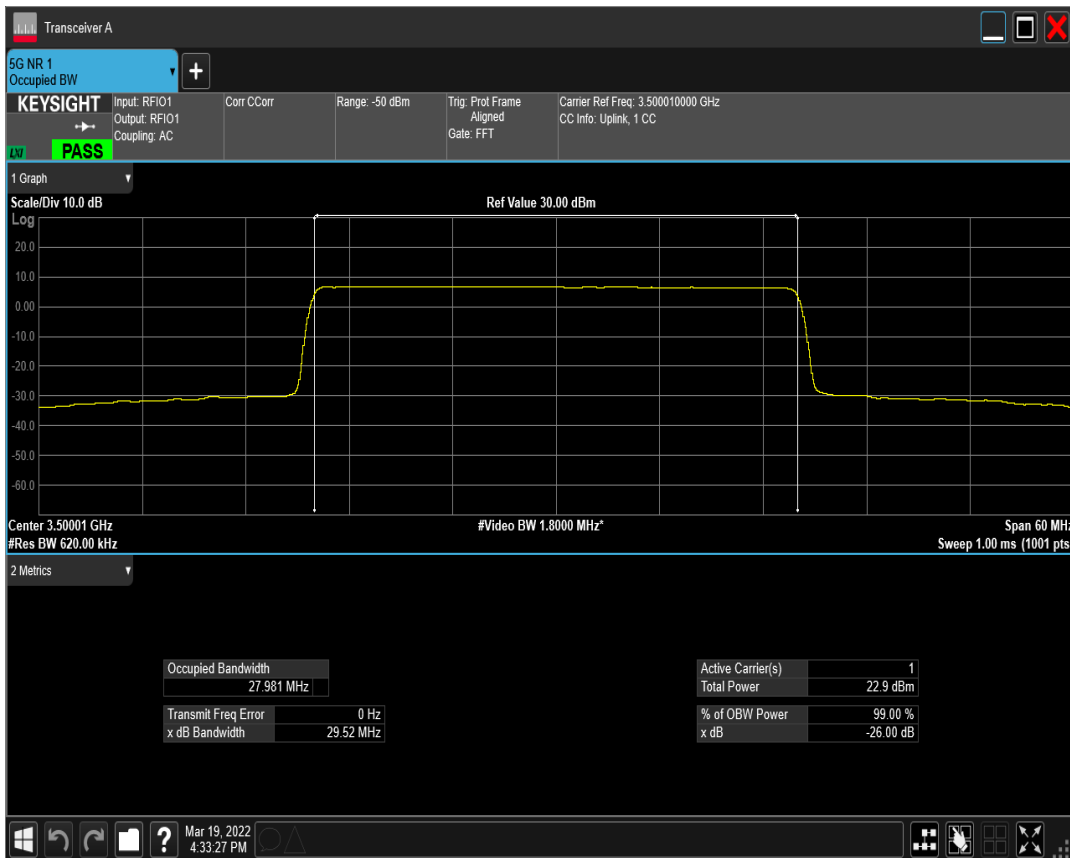
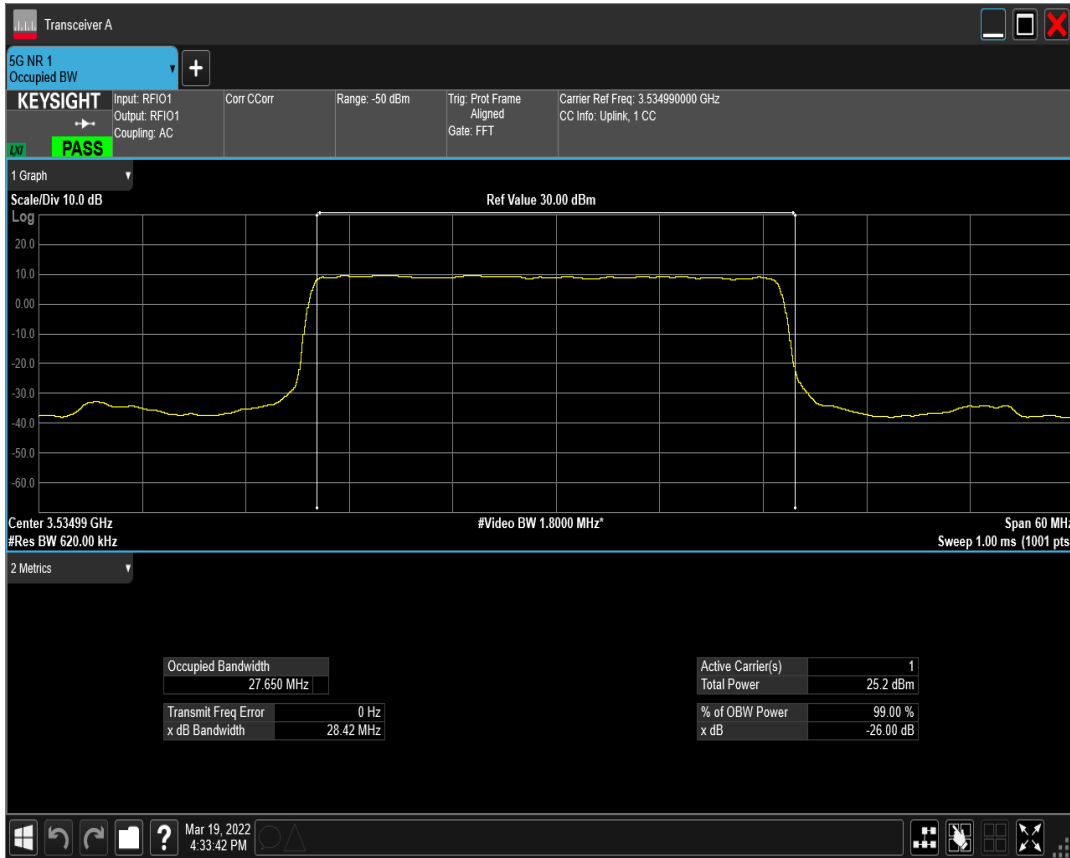


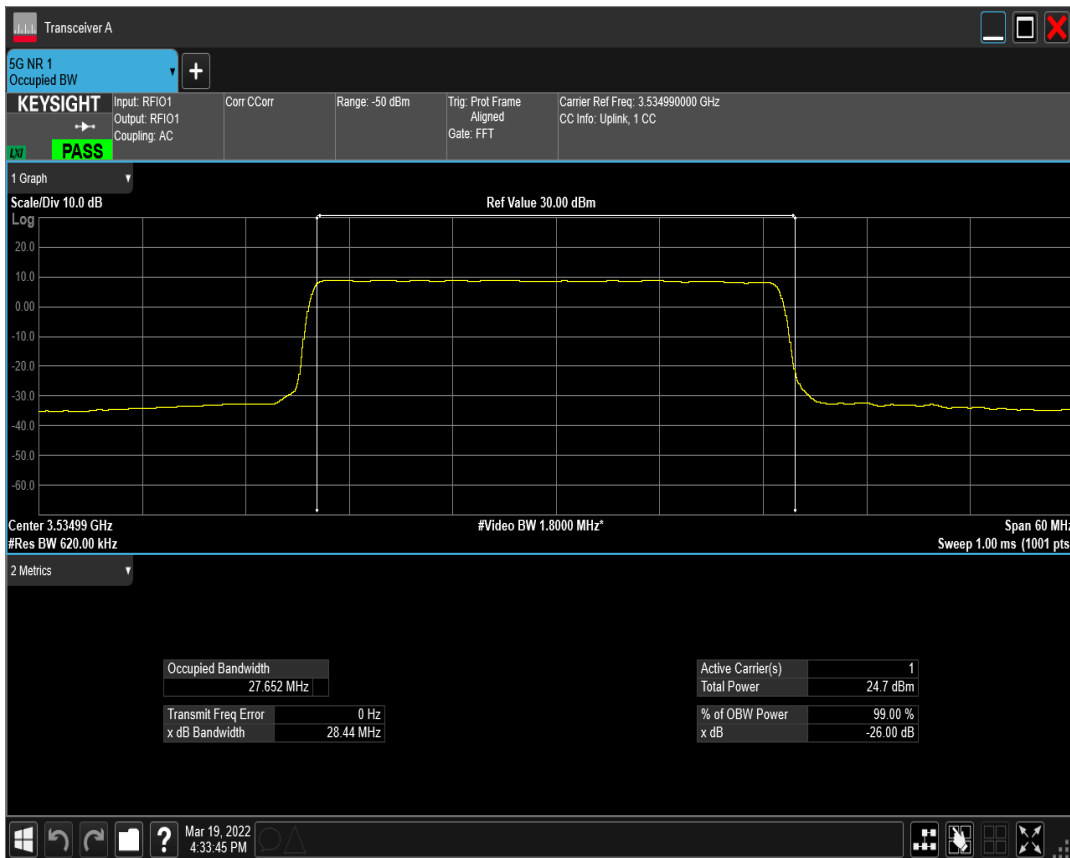
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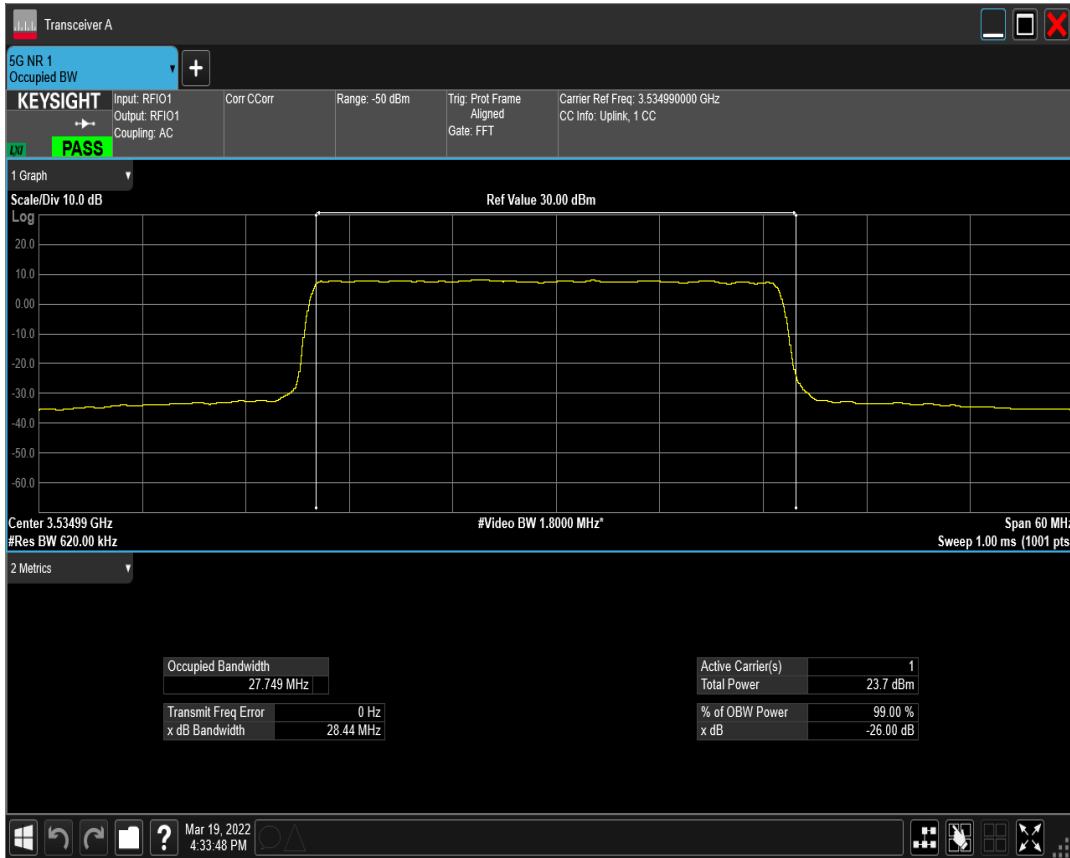
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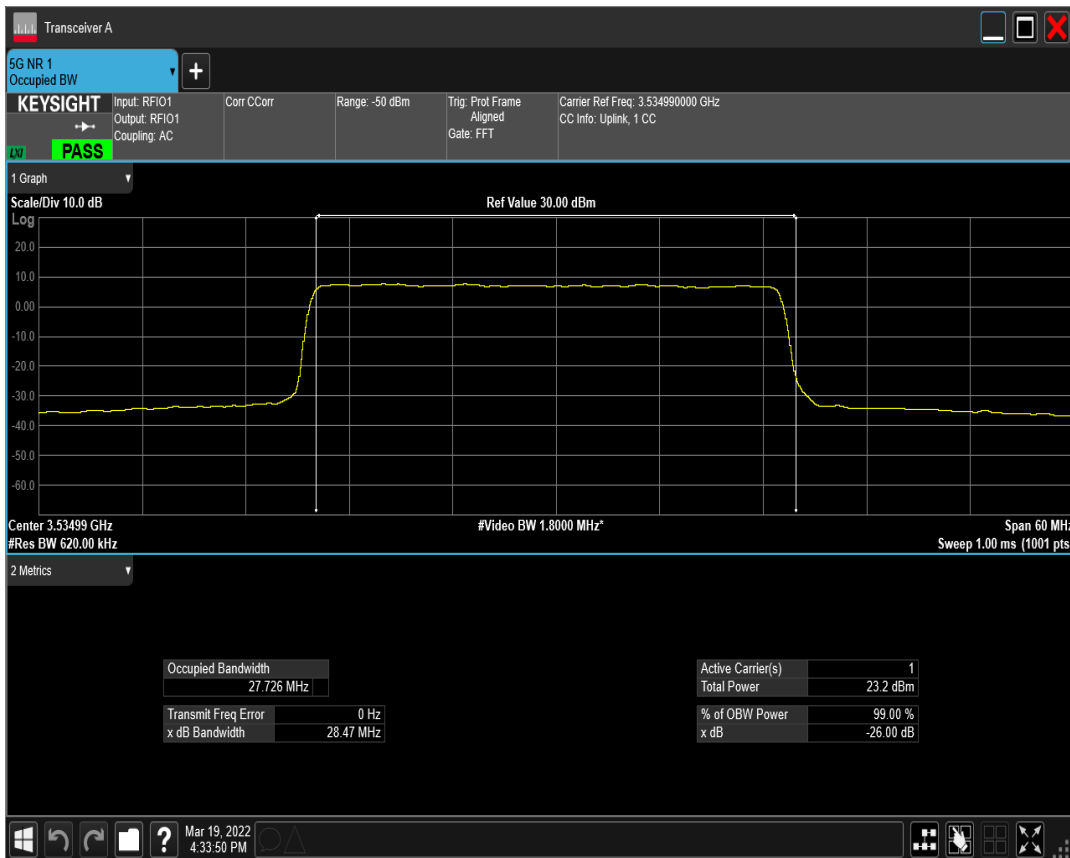
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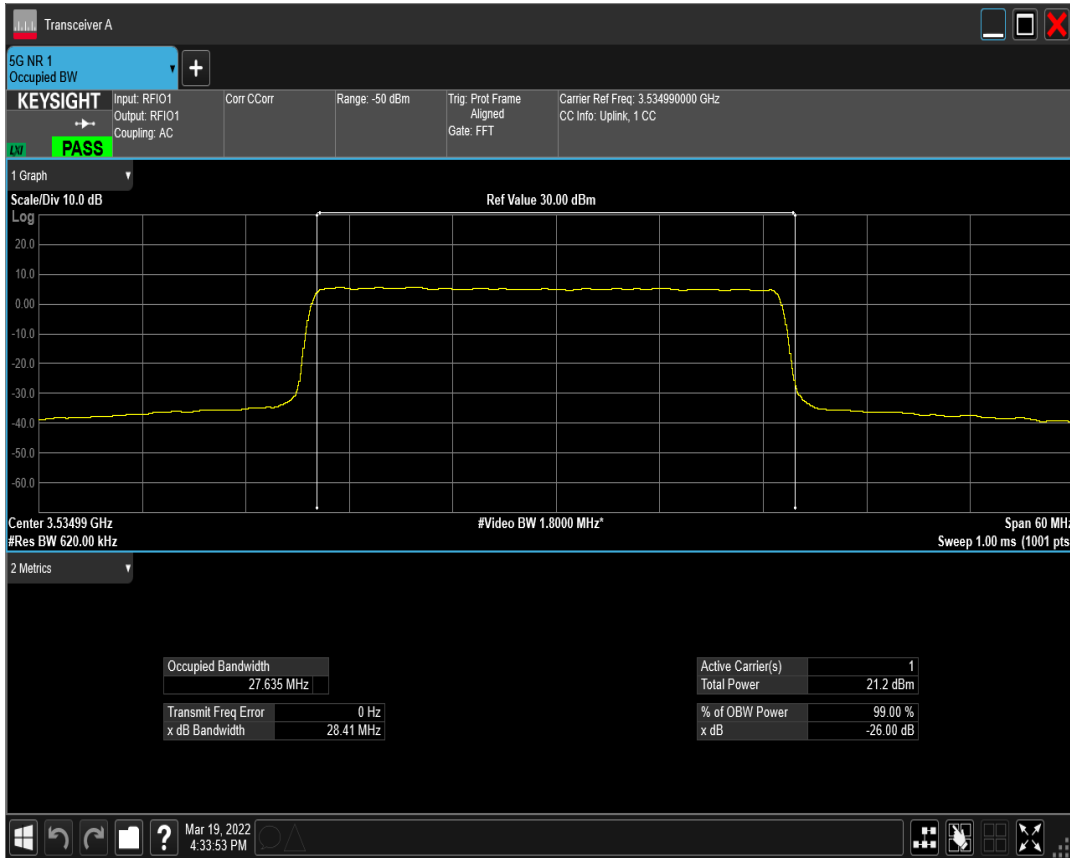
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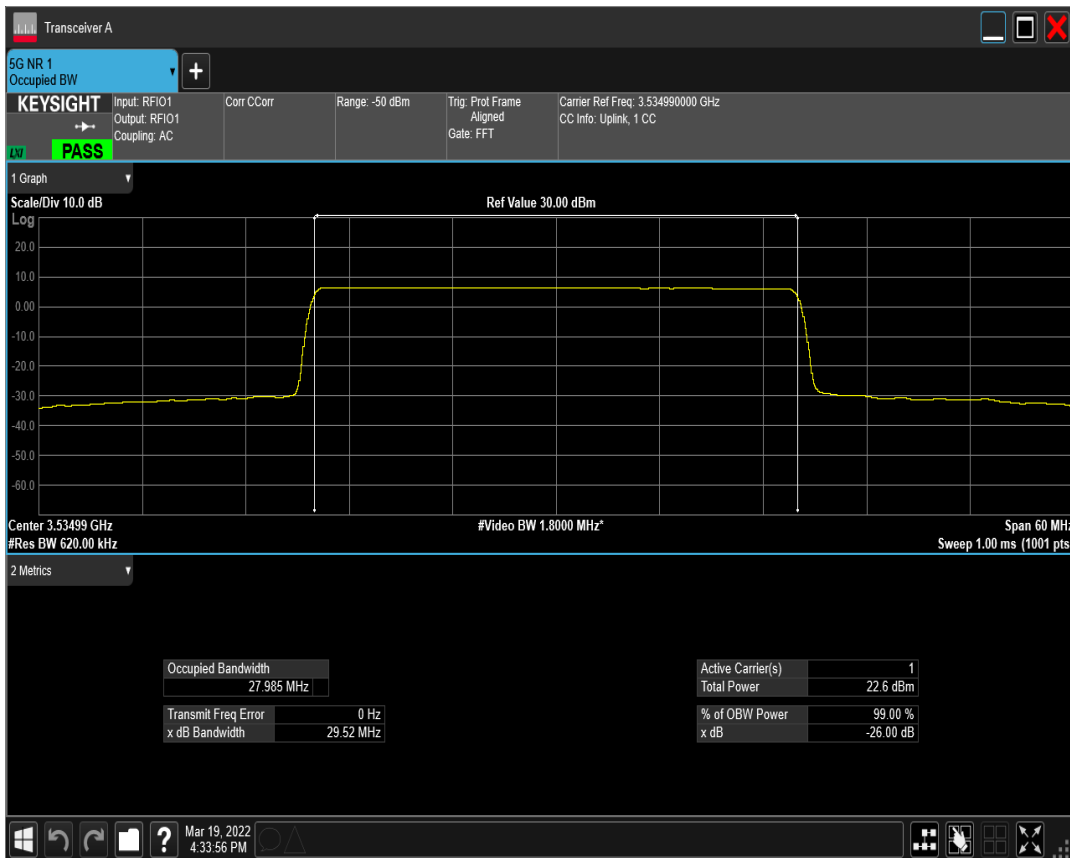
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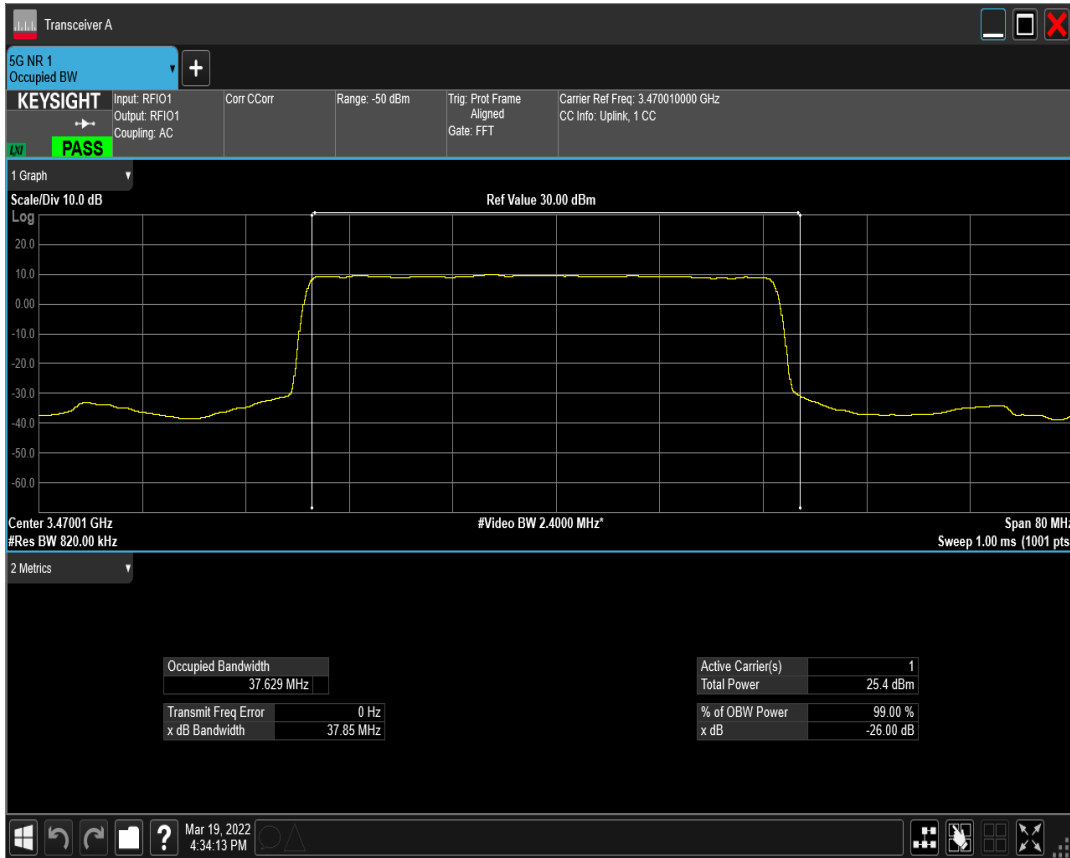
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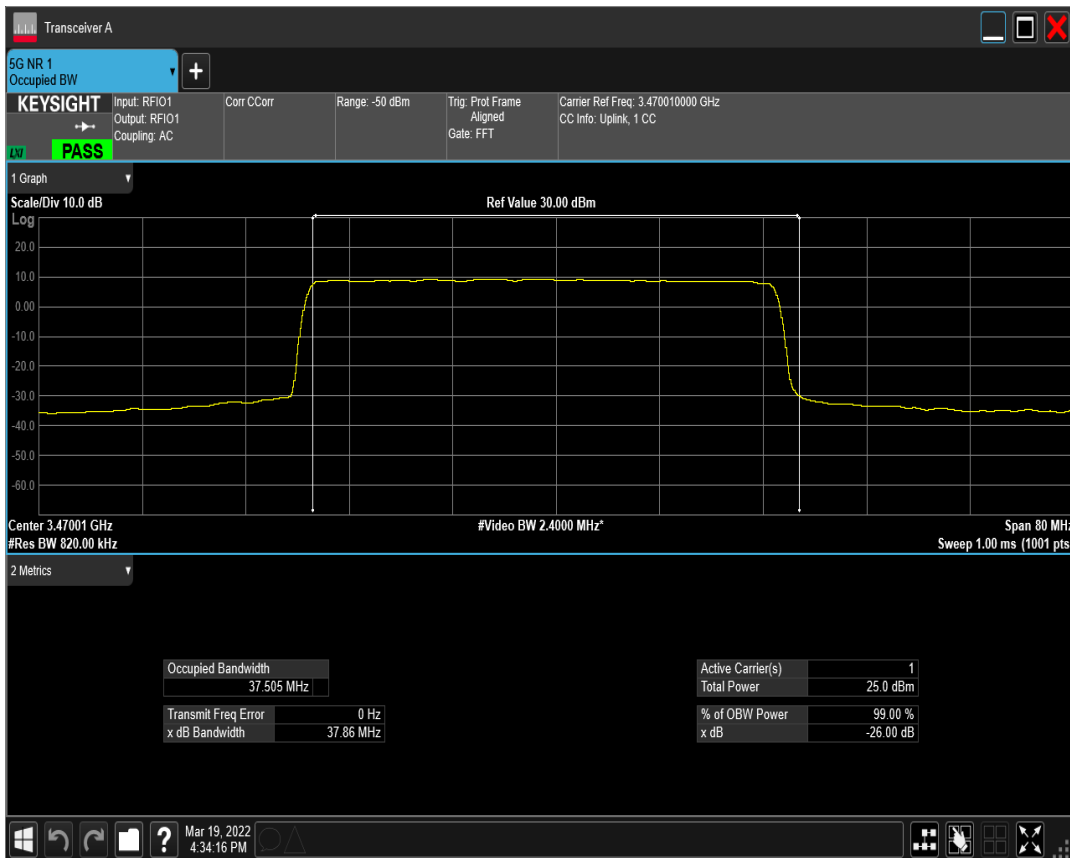
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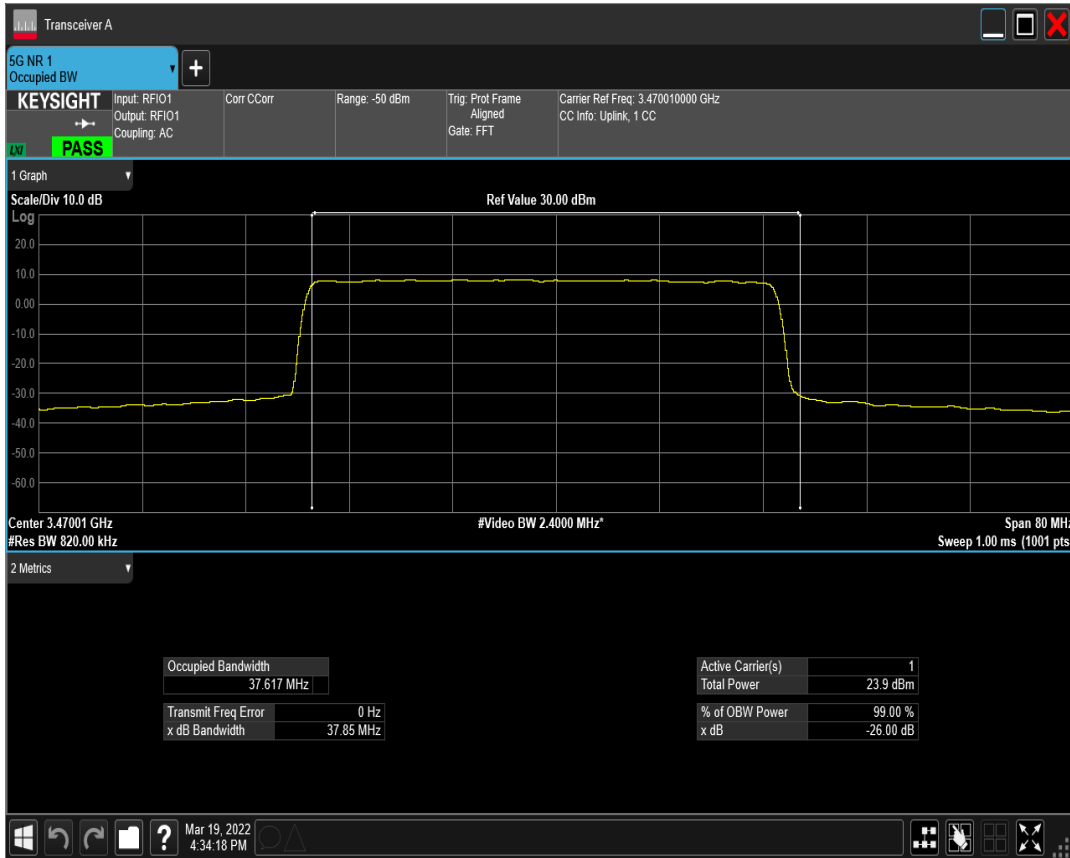
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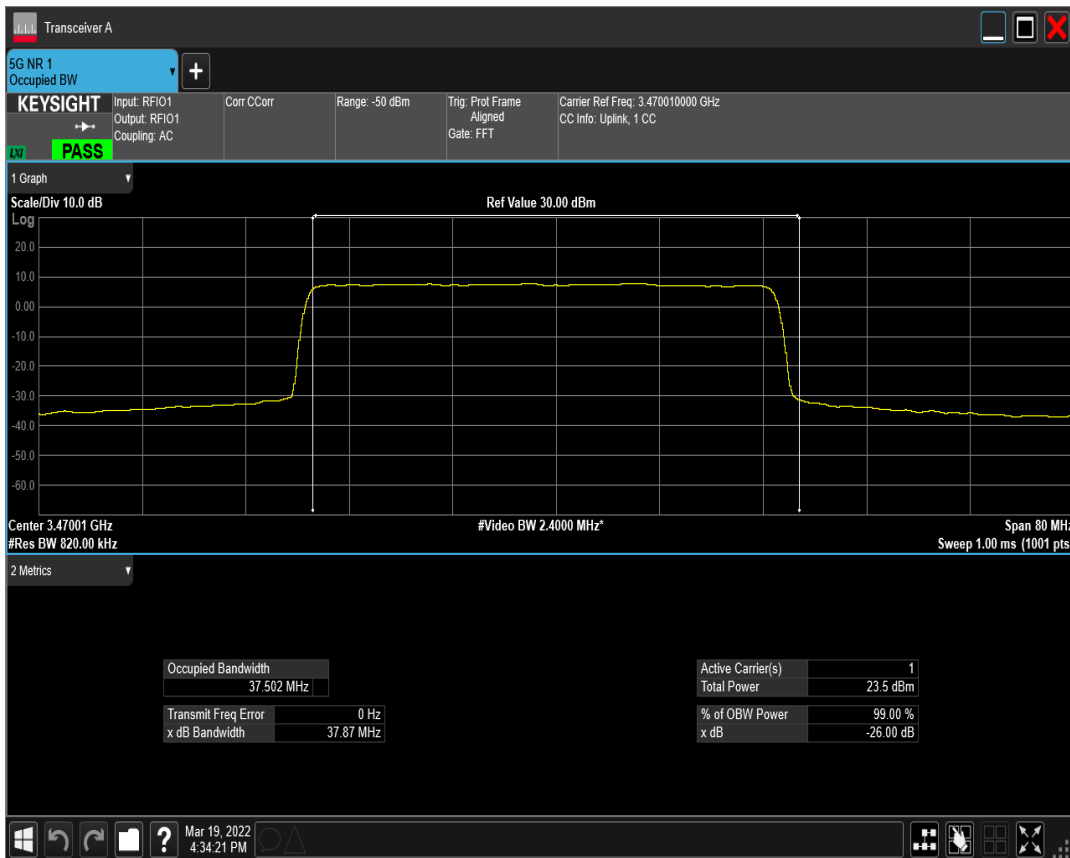
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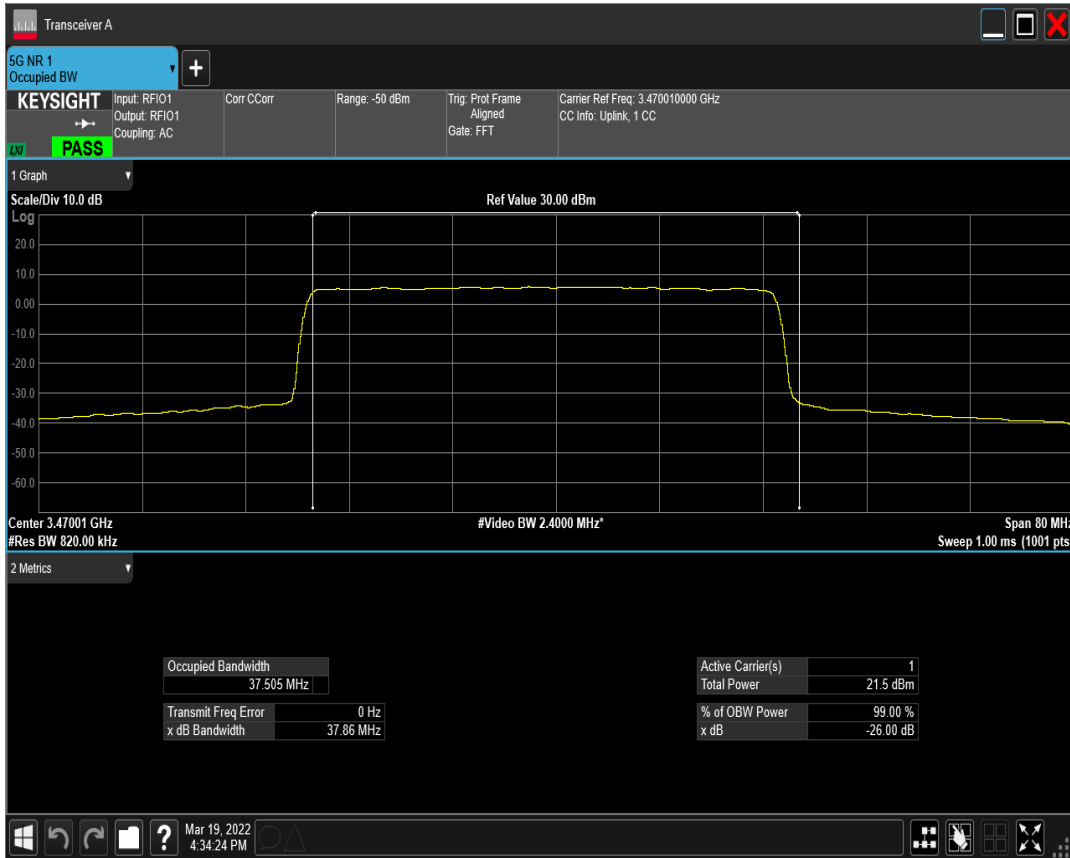
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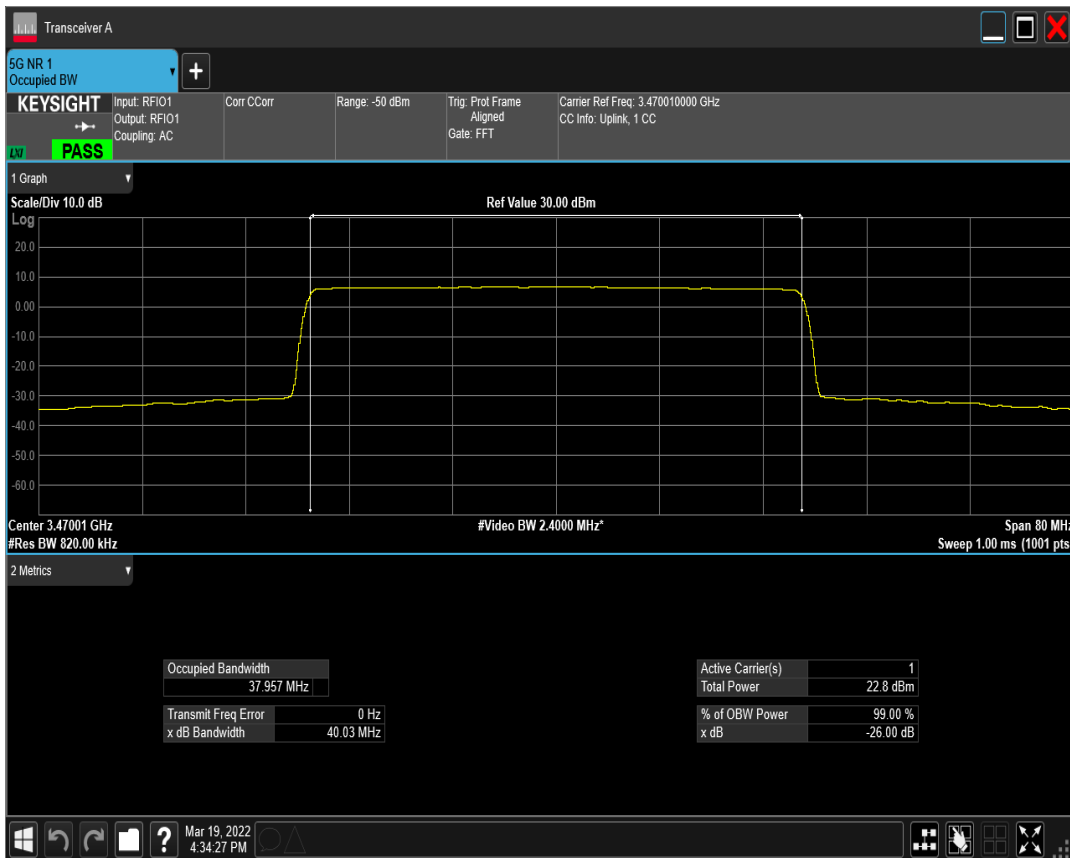
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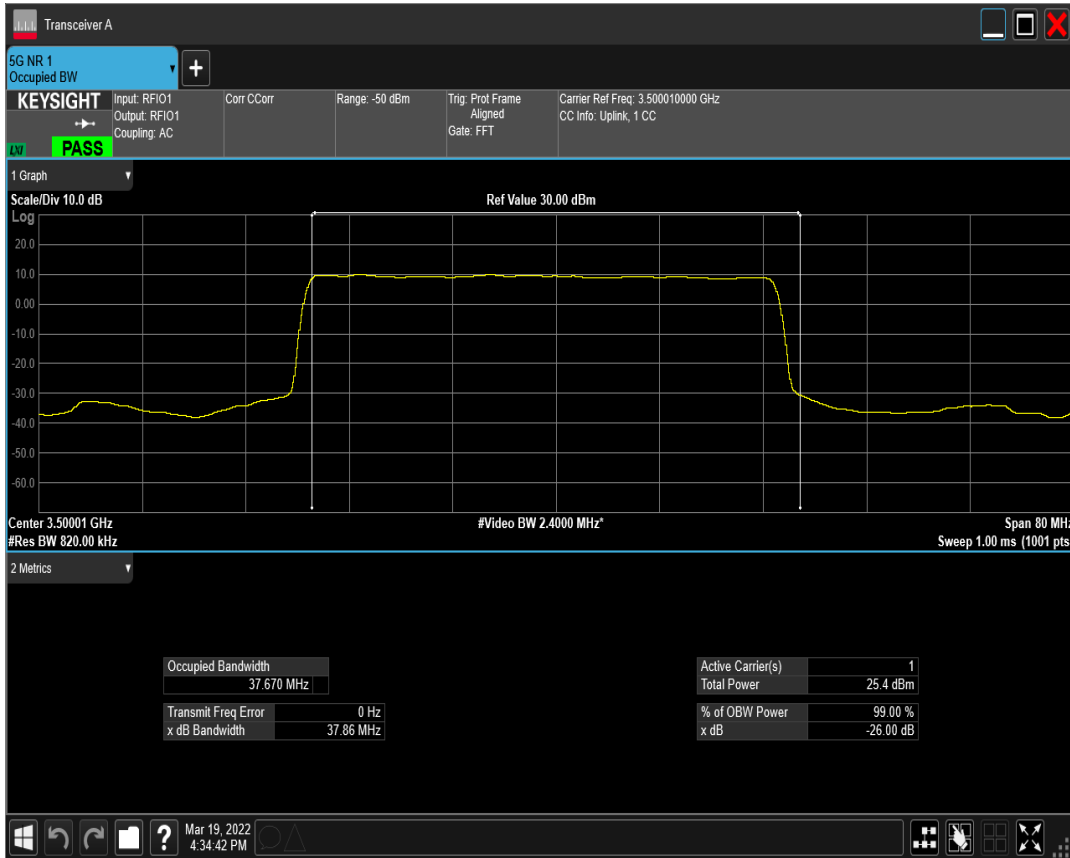
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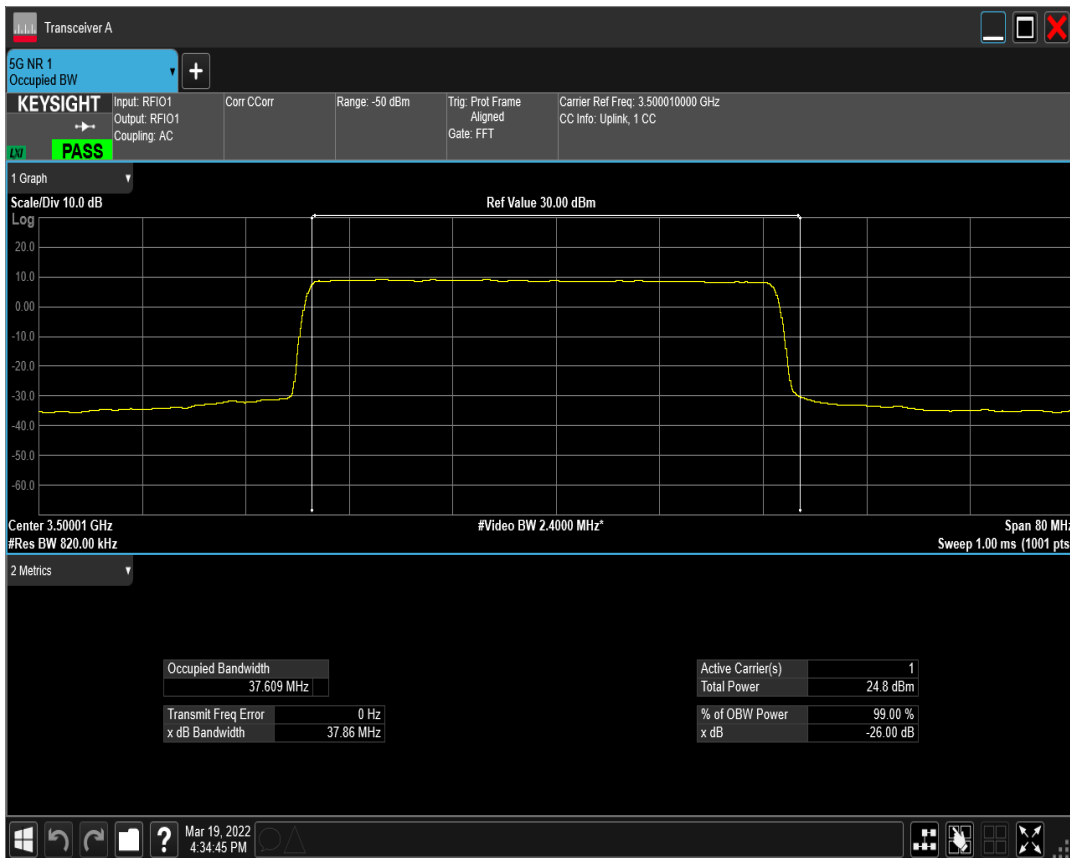
n77(3450-3550) SCS=30kHz CP\_QPSK BW=40MHz Channel=631334 RB=106@0



n77(3450-3550) SCS=30kHz DFT\_BPSK BW=40MHz Channel=633334 RB=100@0



n77(3450-3550) SCS=30kHz DFT\_QPSK BW=40MHz Channel=633334 RB=100@0

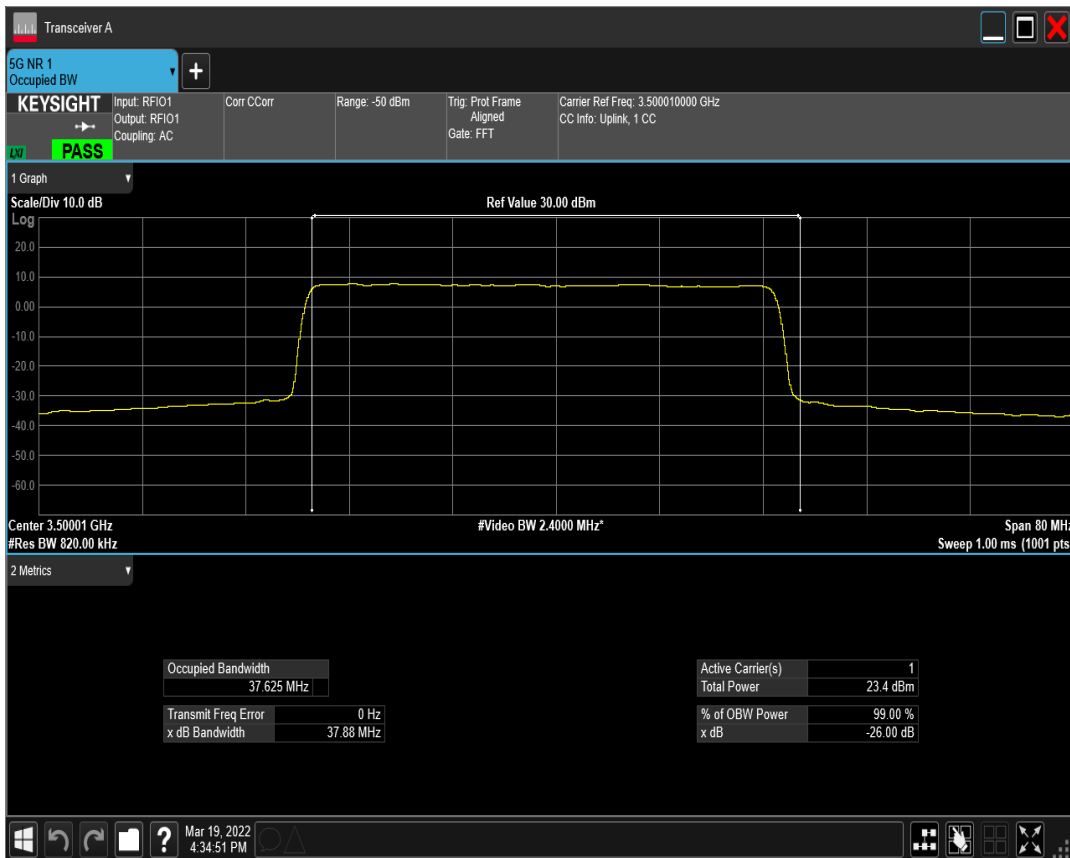


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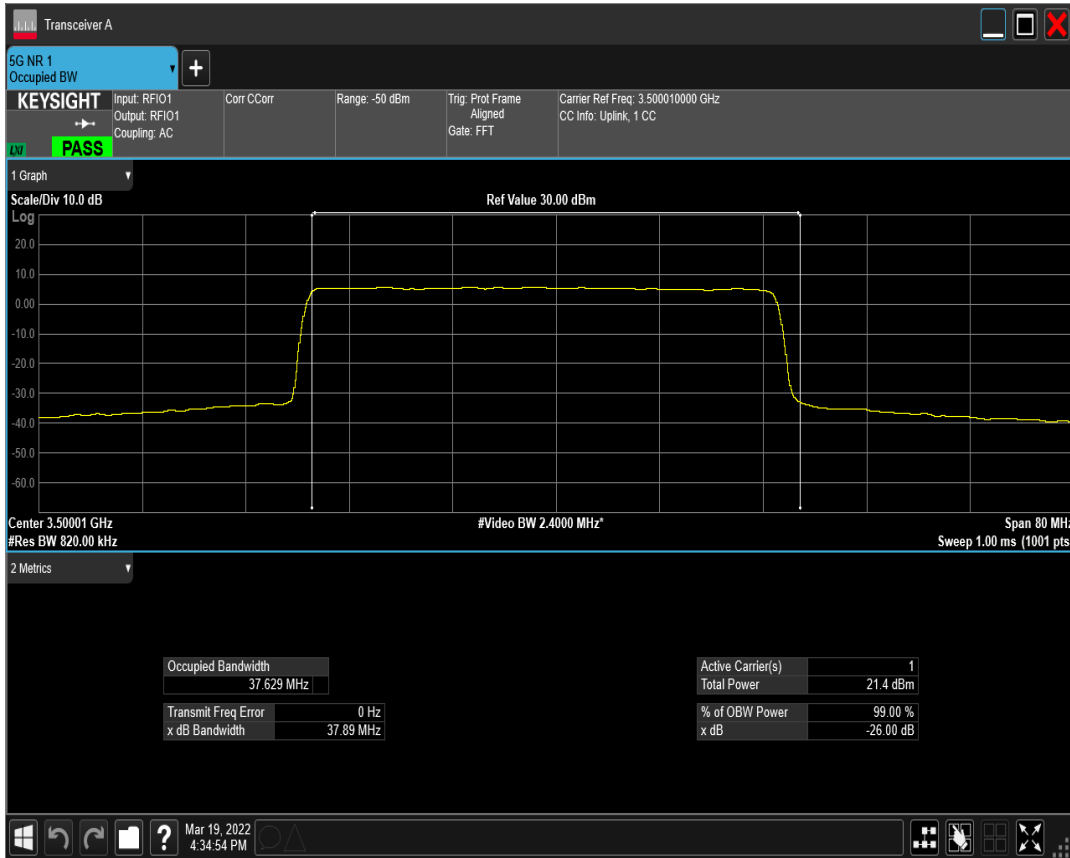




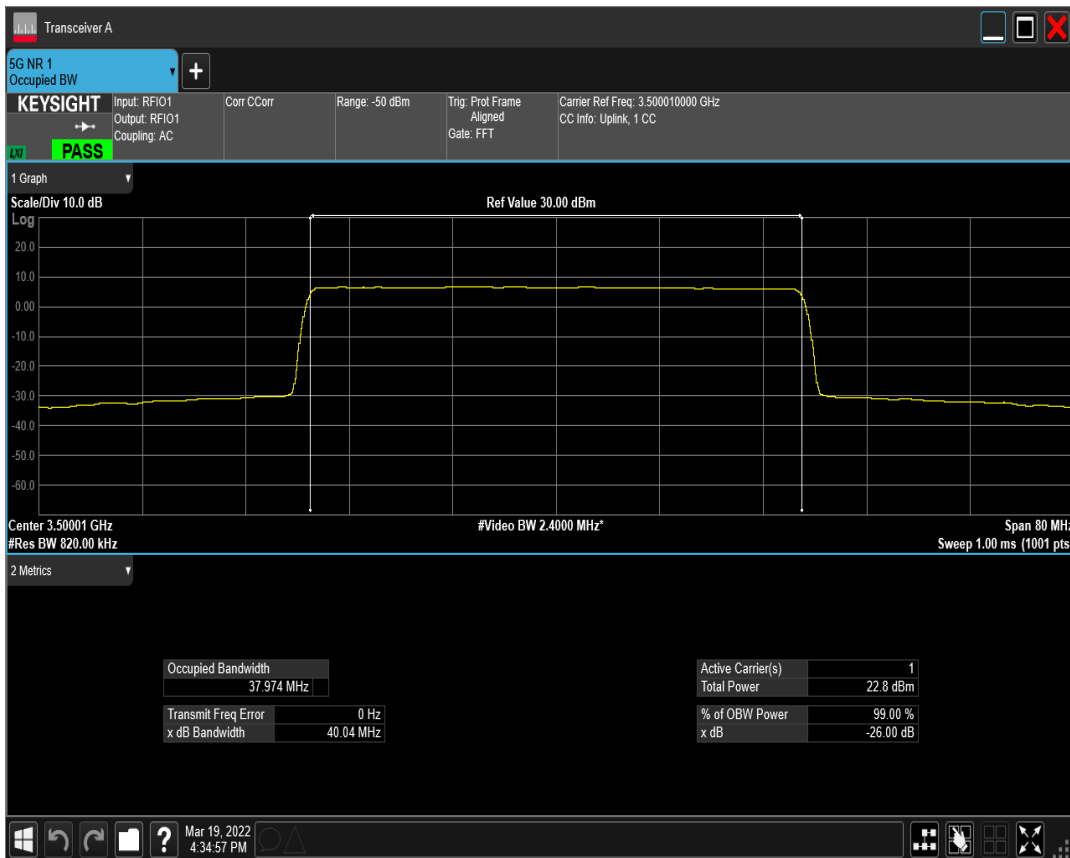
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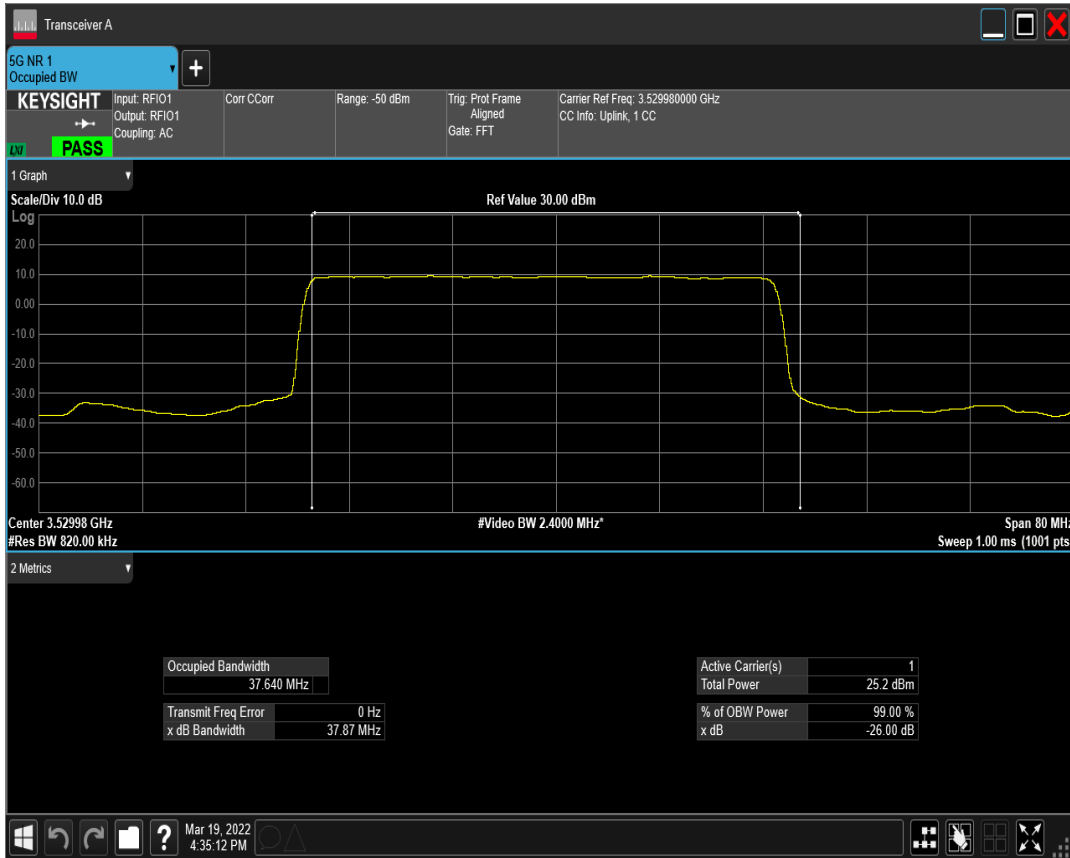
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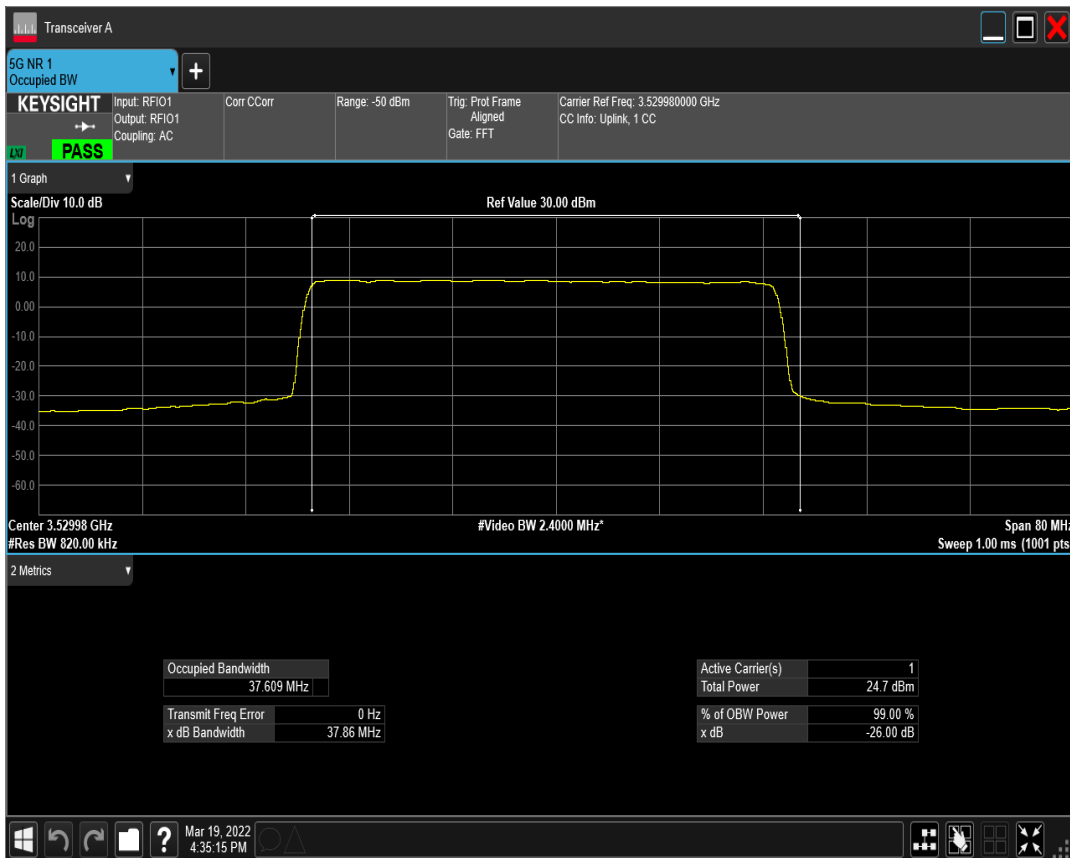
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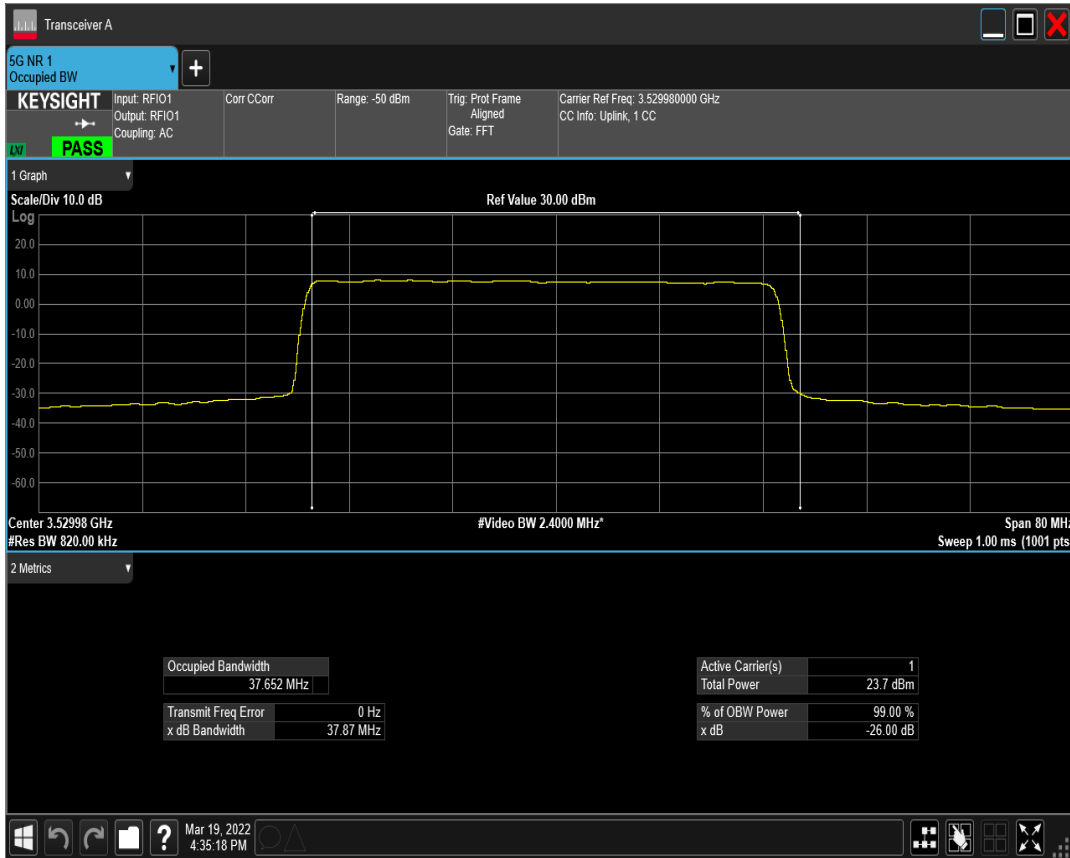
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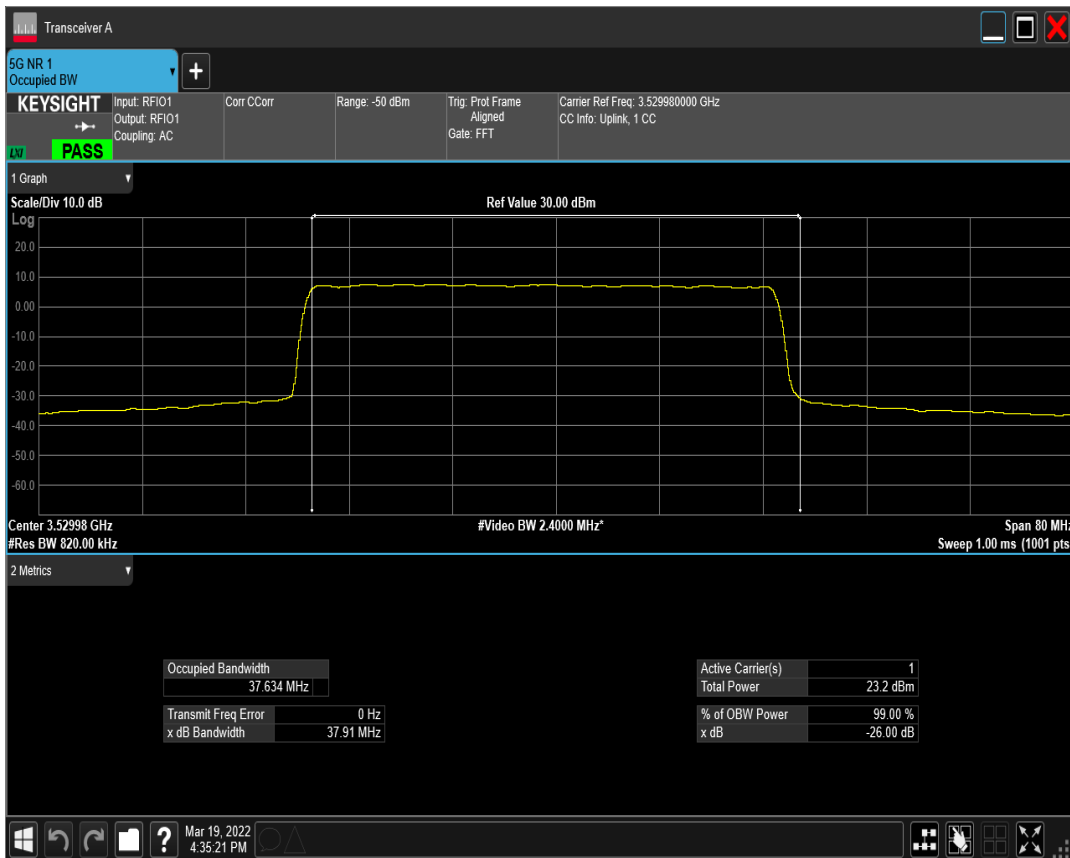
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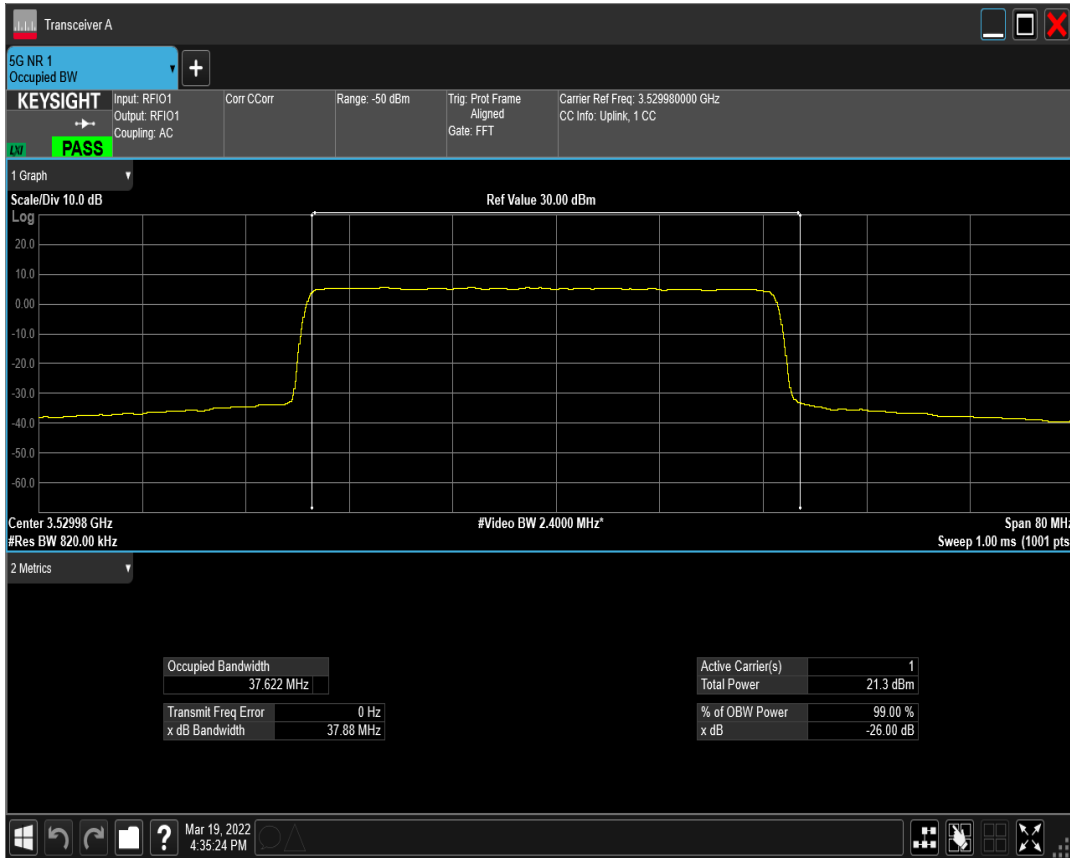
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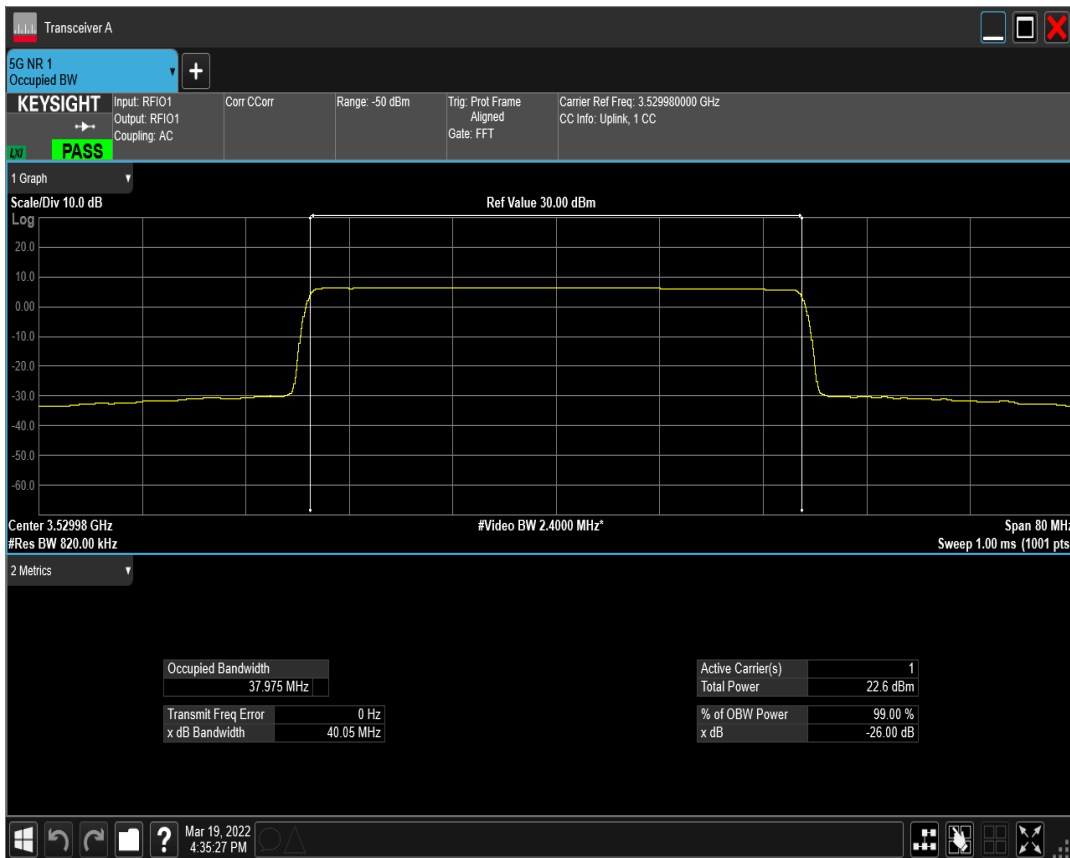
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=40MHz Channel=635332 RB=100@0



n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=40MHz Channel=635332 RB=100@0



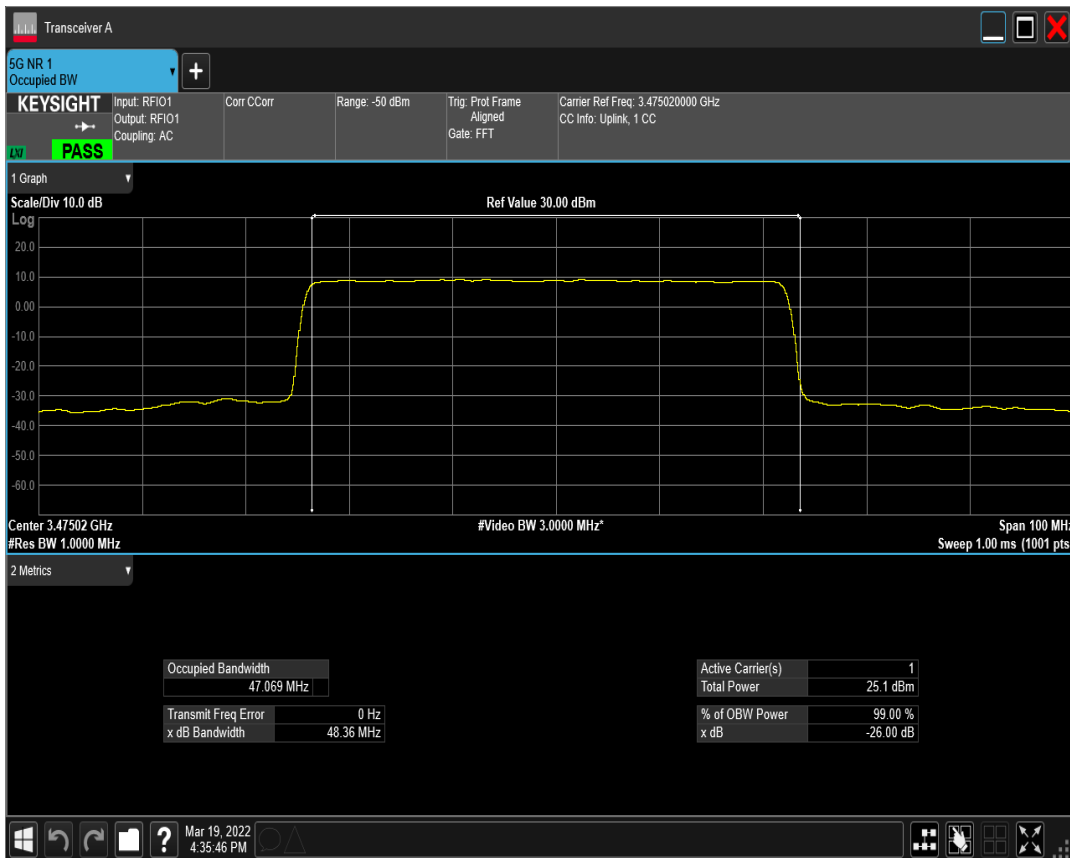
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n77(3450-3550) SCS=30kHz DFT\_BPSK BW=50MHz Channel=631668 RB=128@0



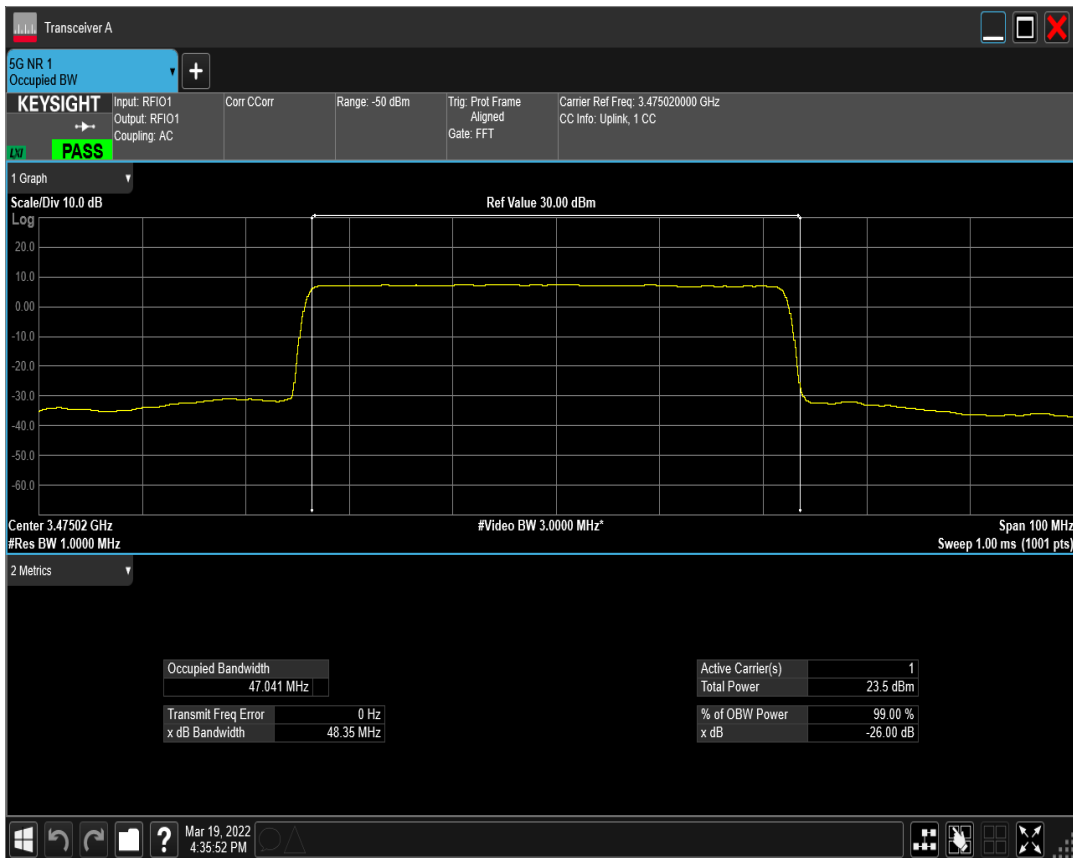
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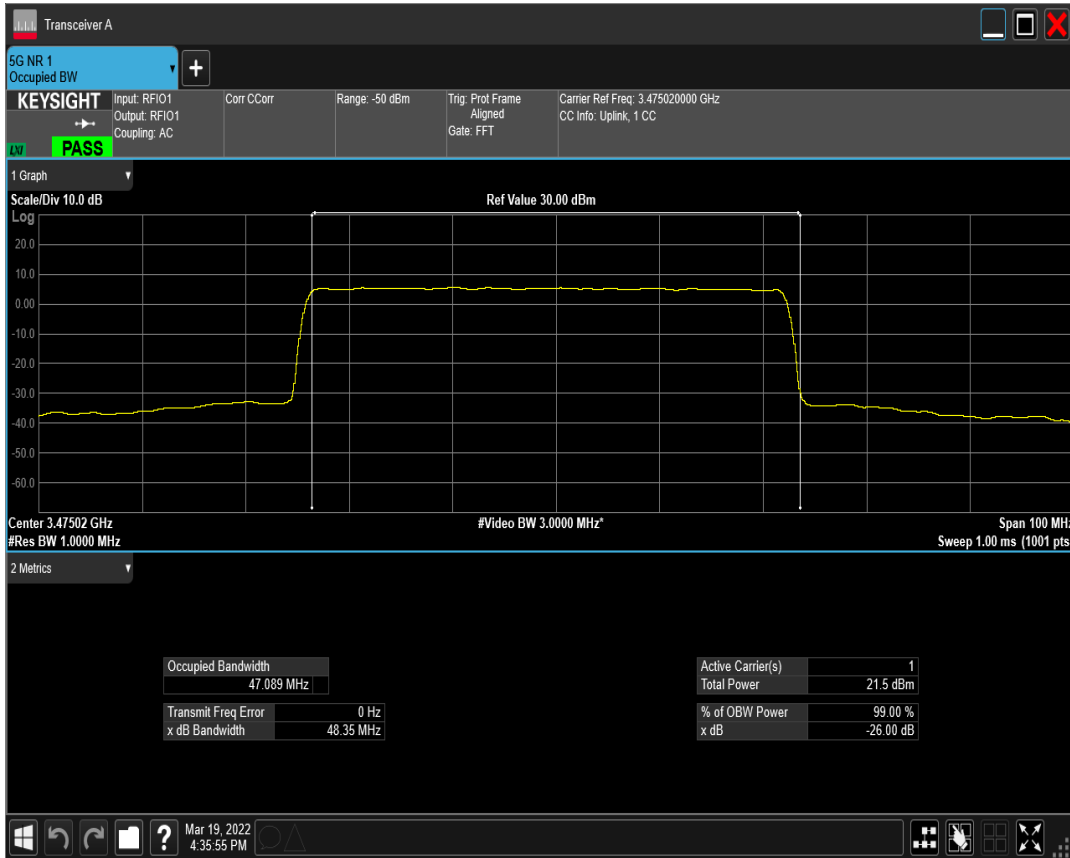
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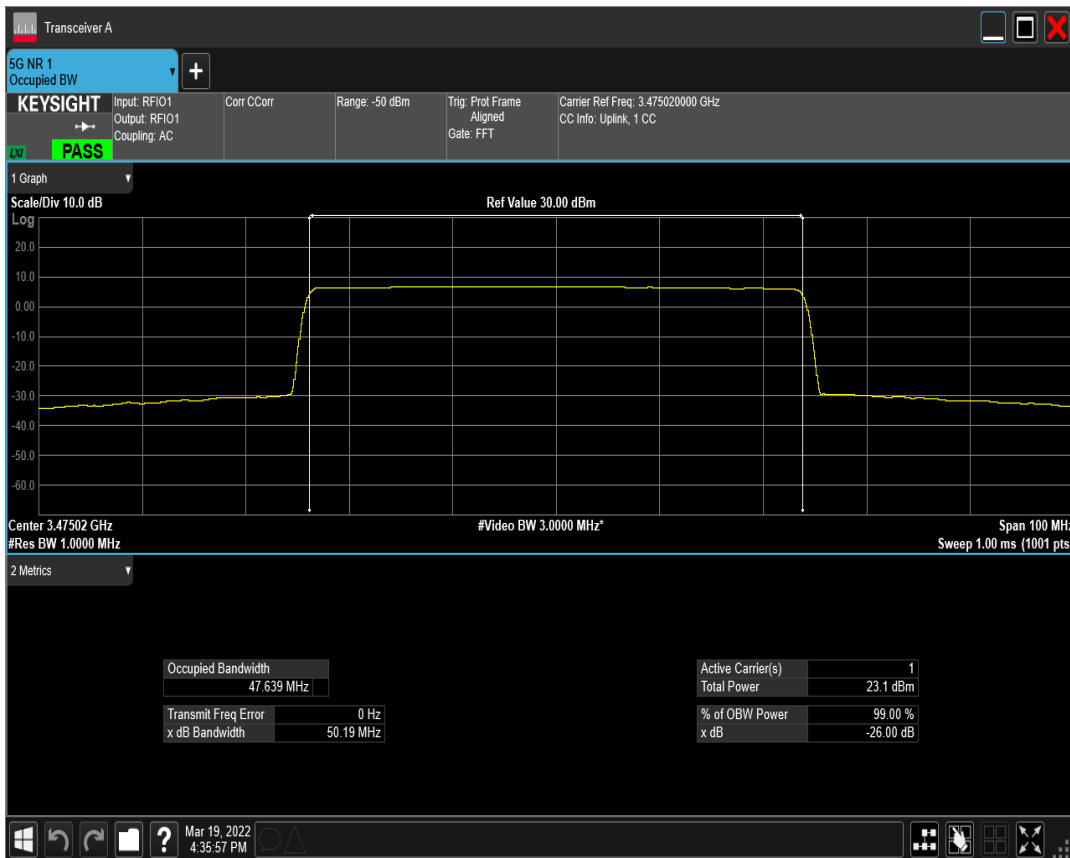
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n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=50MHz Channel=631668 RB=128@0



n77(3450-3550) SCS=30kHz CP\_QPSK BW=50MHz Channel=631668 RB=133@0

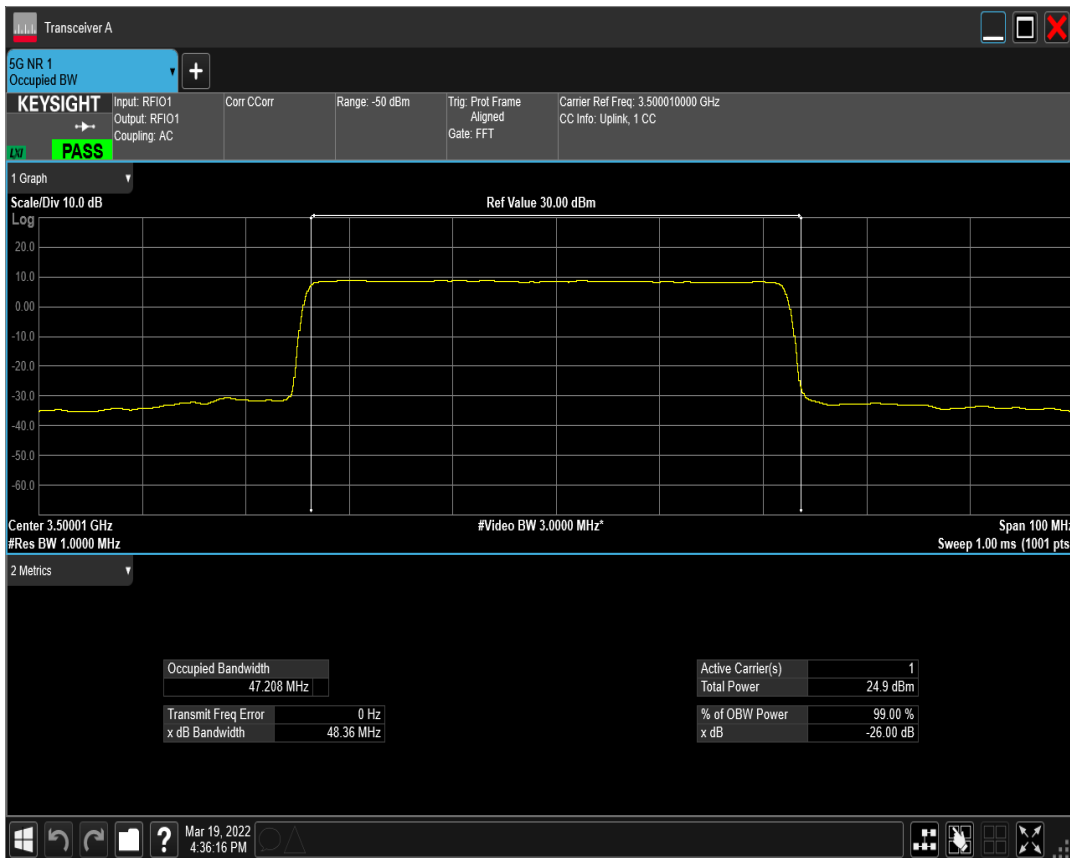


n77(3450-3550) SCS=30kHz DFT\_BPSK BW=50MHz Channel=633334 RB=128@0

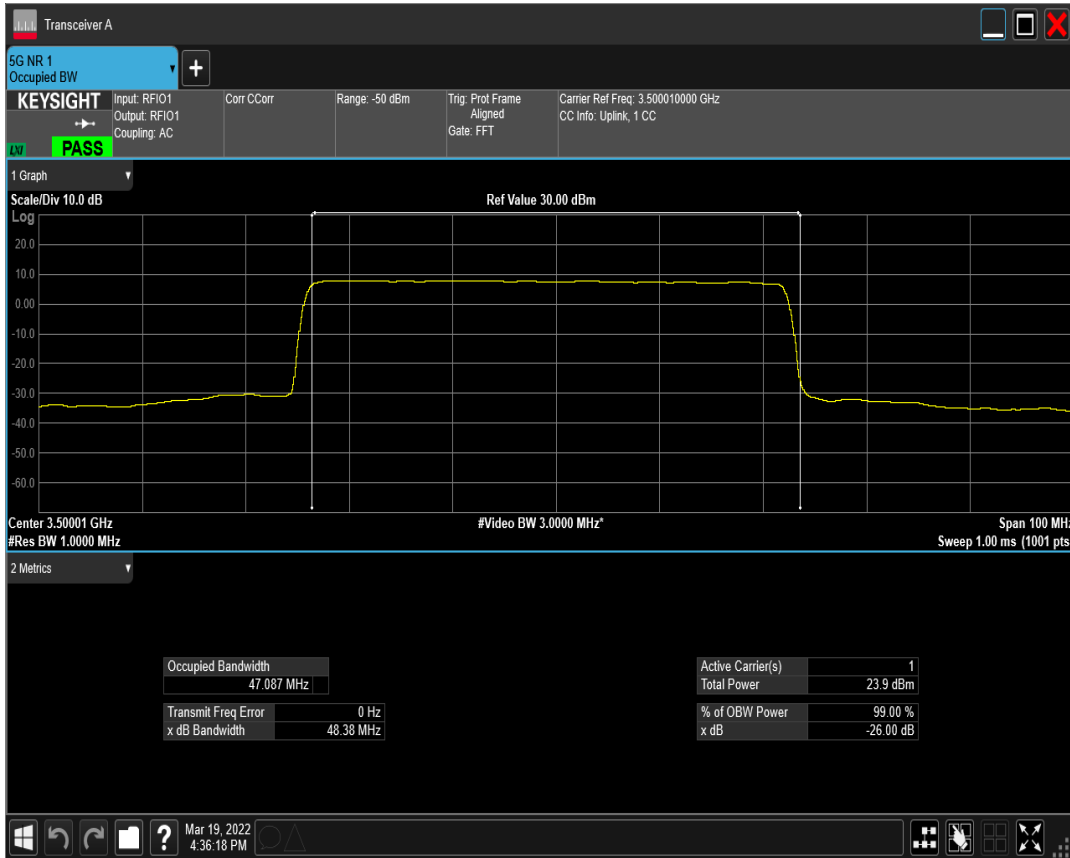




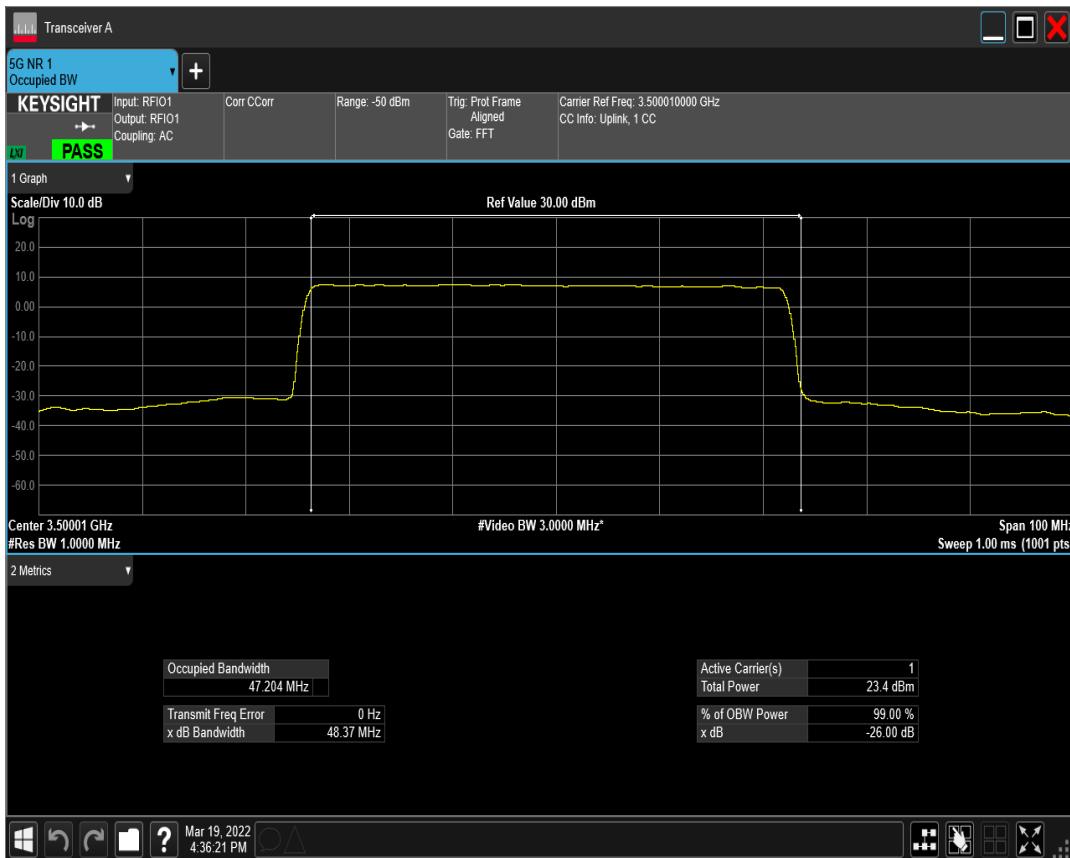
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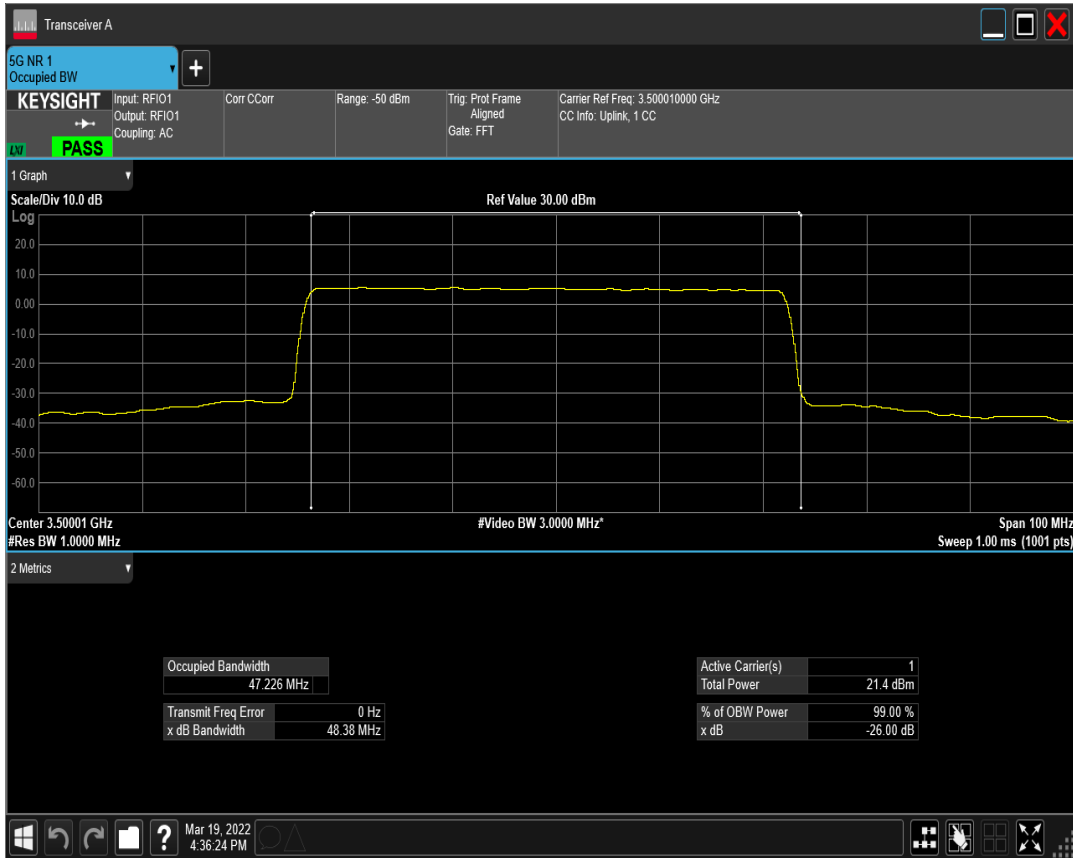
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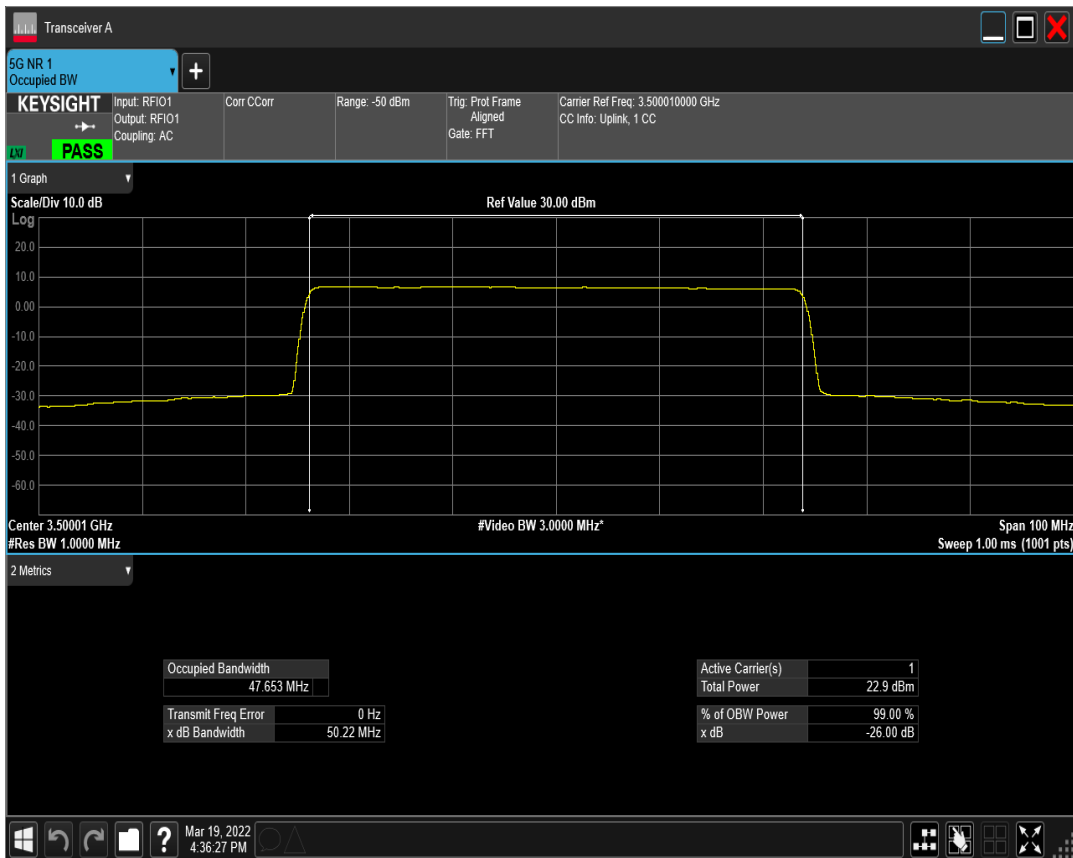
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n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=50MHz Channel=633334 RB=128@0



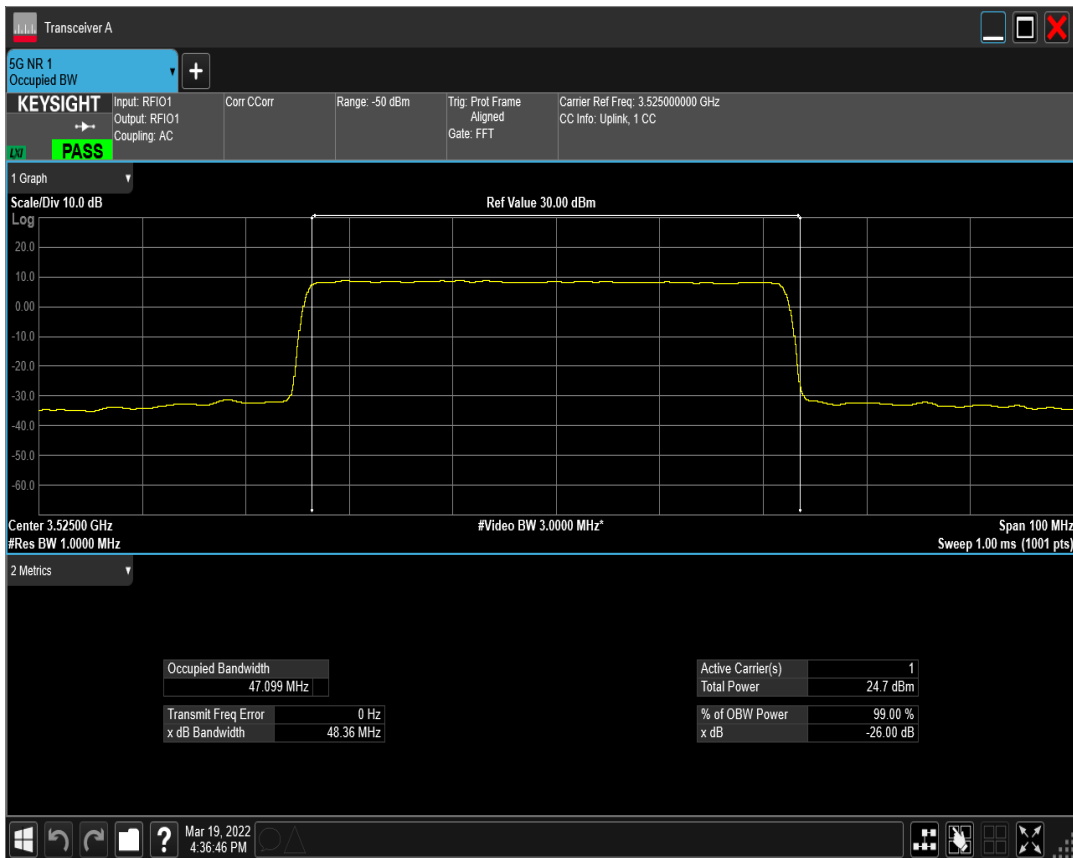
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n77(3450-3550) SCS=30kHz DFT\_BPSK BW=50MHz Channel=635000 RB=128@0



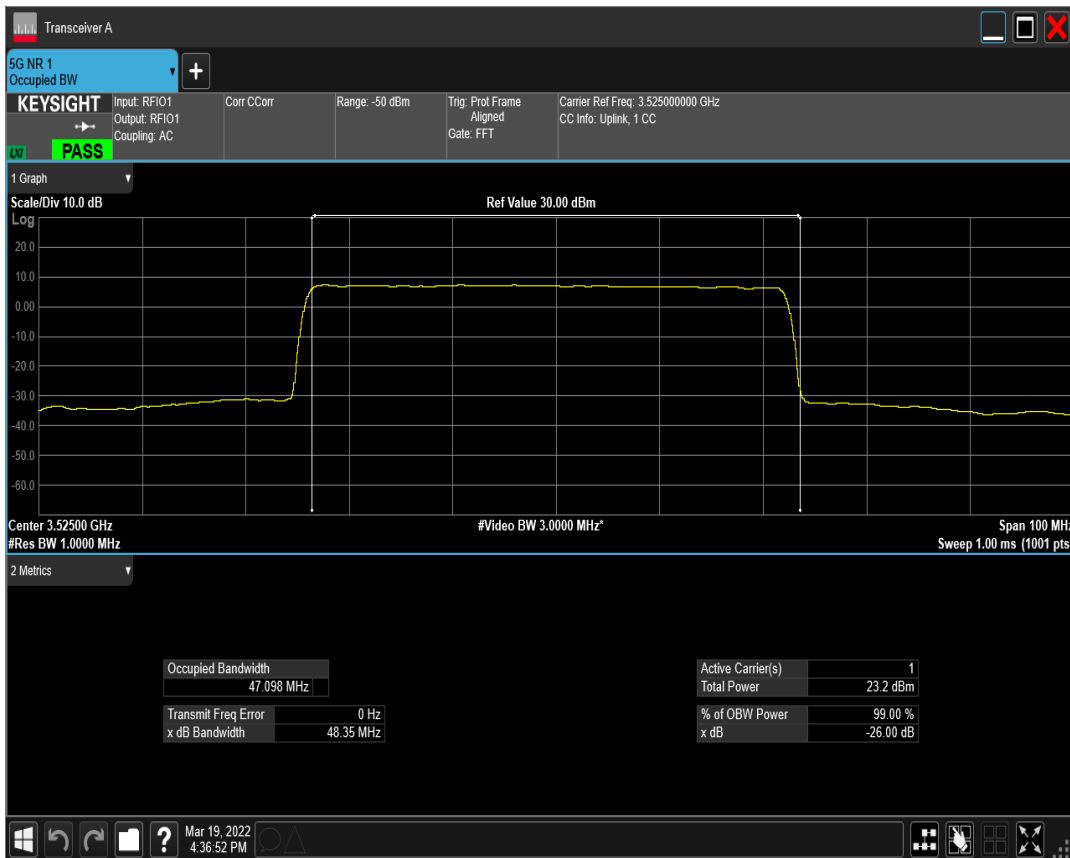
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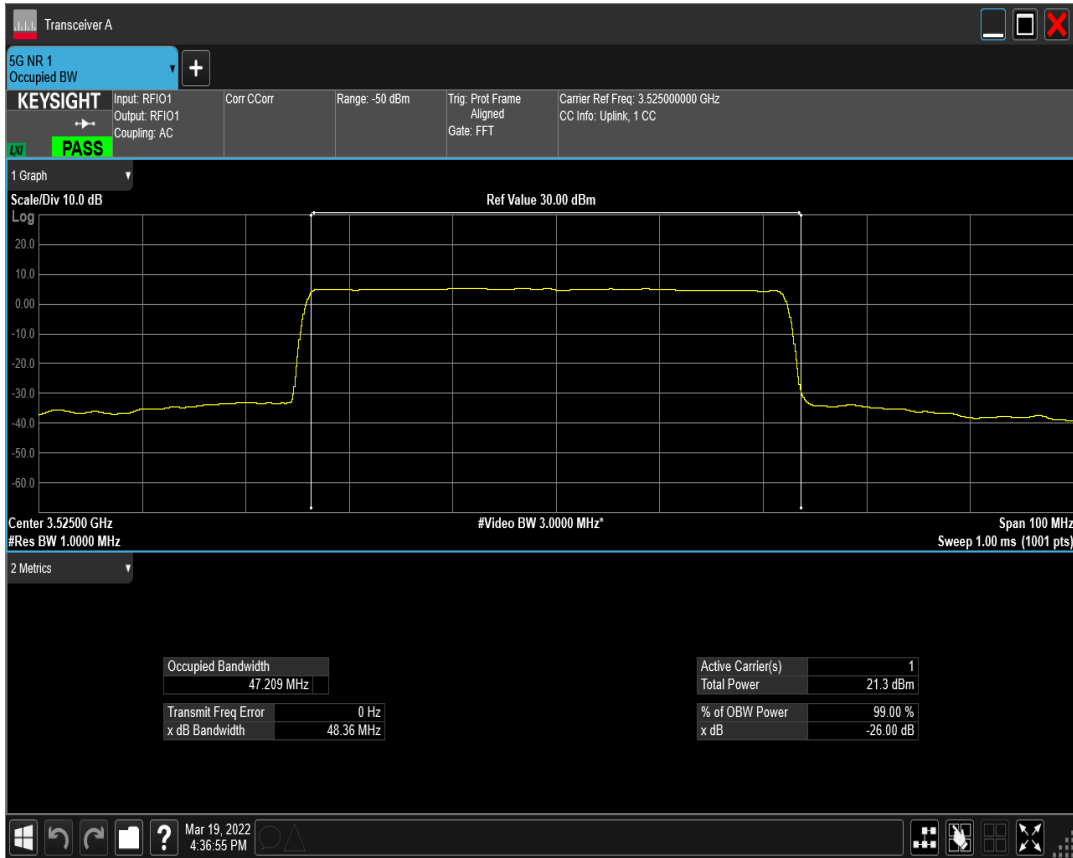
n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=50MHz Channel=635000 RB=128@0



n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=50MHz Channel=635000 RB=128@0



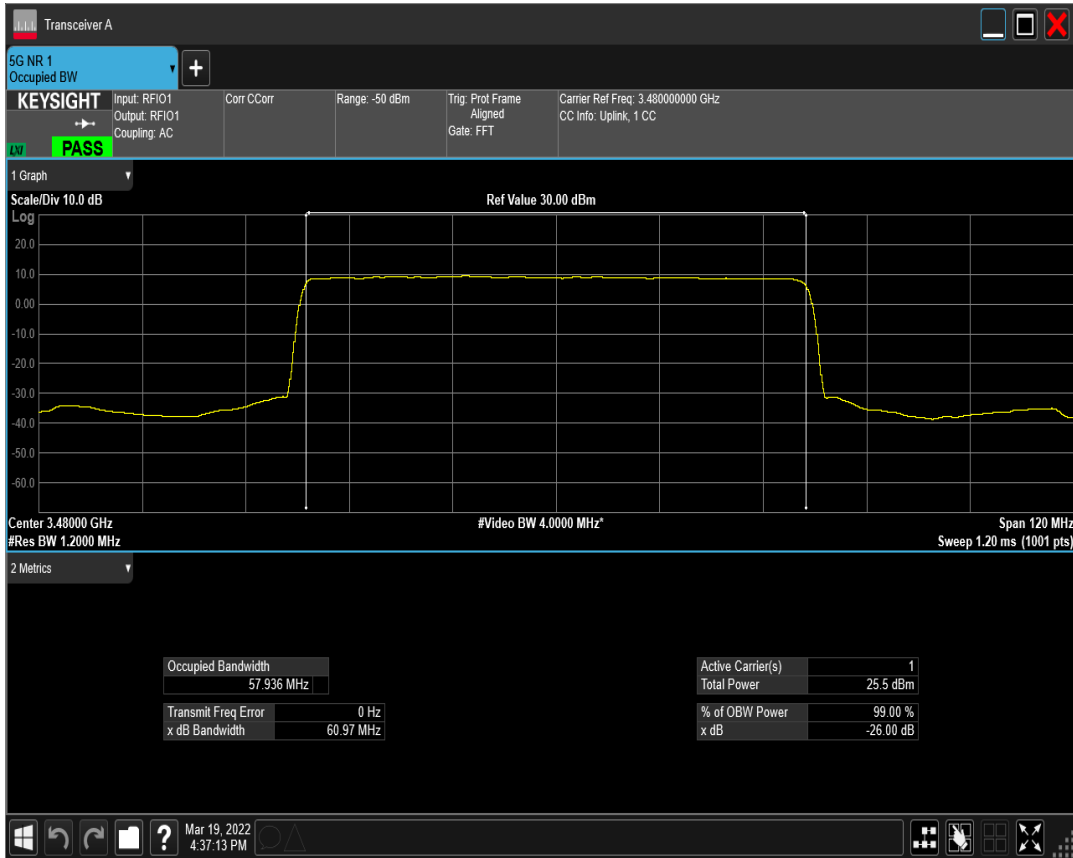
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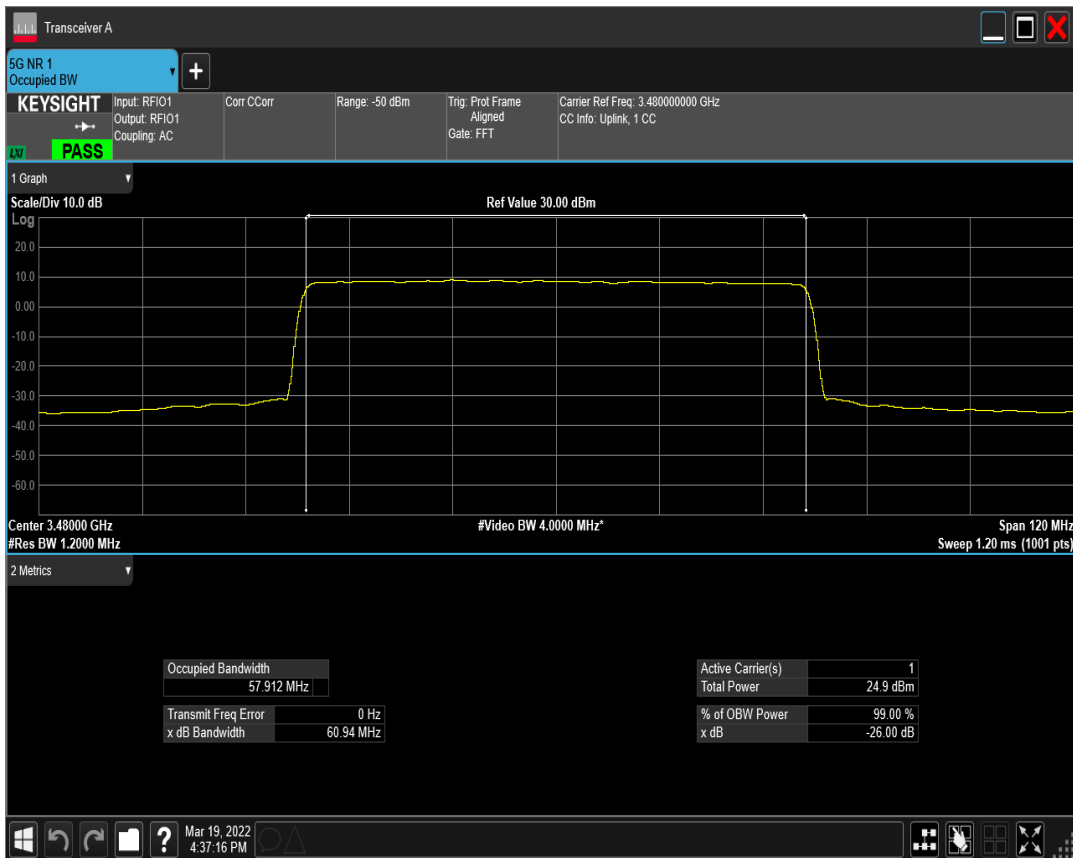
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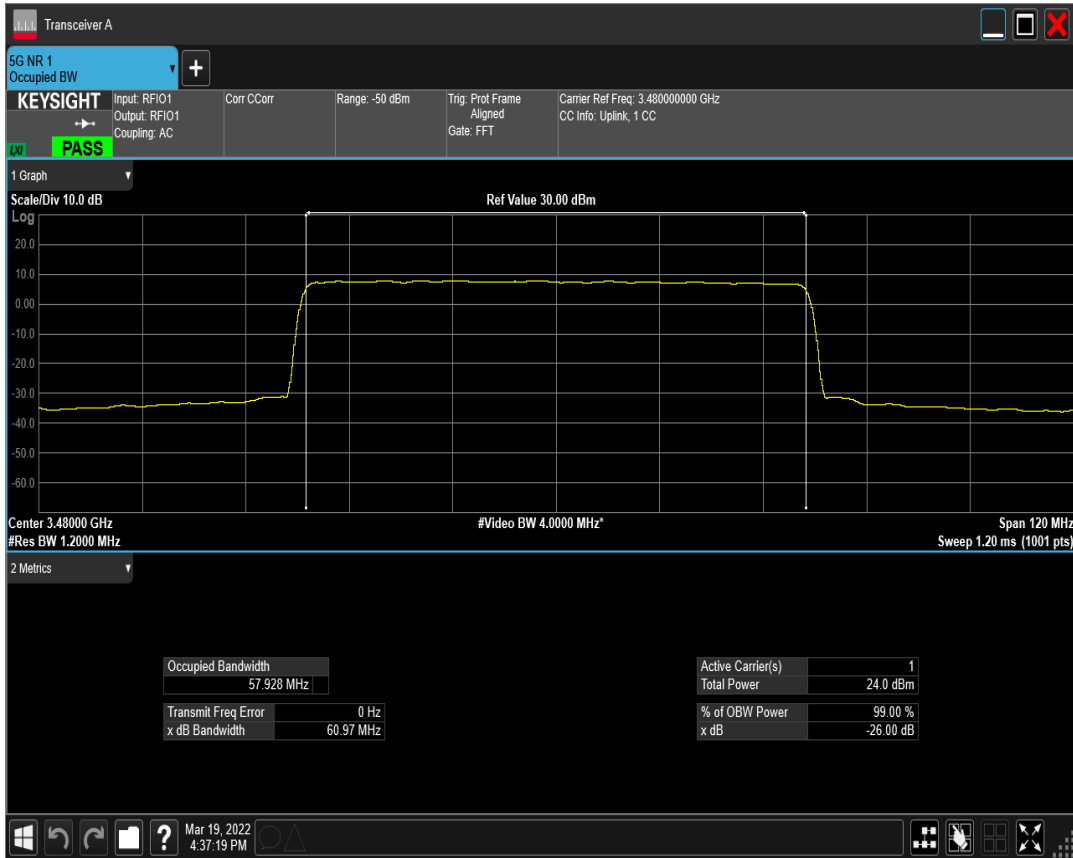
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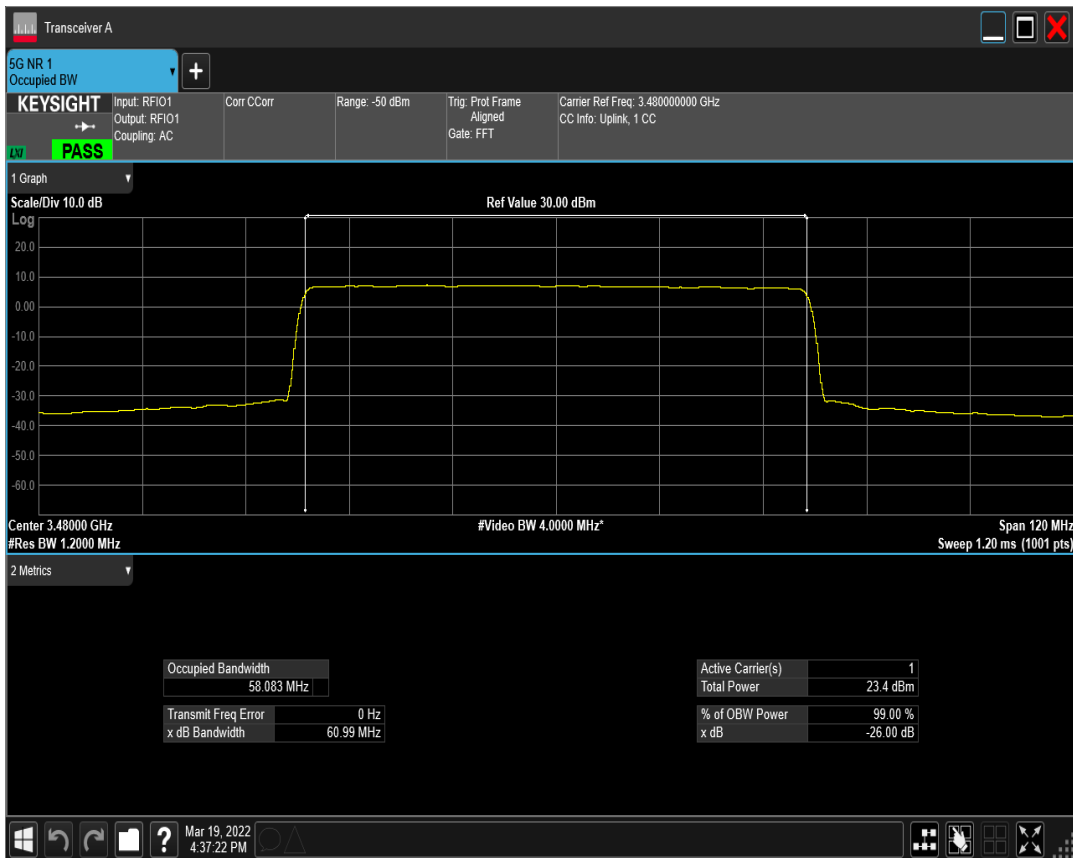
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=60MHz Channel=632000 RB=162@0



n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=60MHz Channel=632000 RB=162@0



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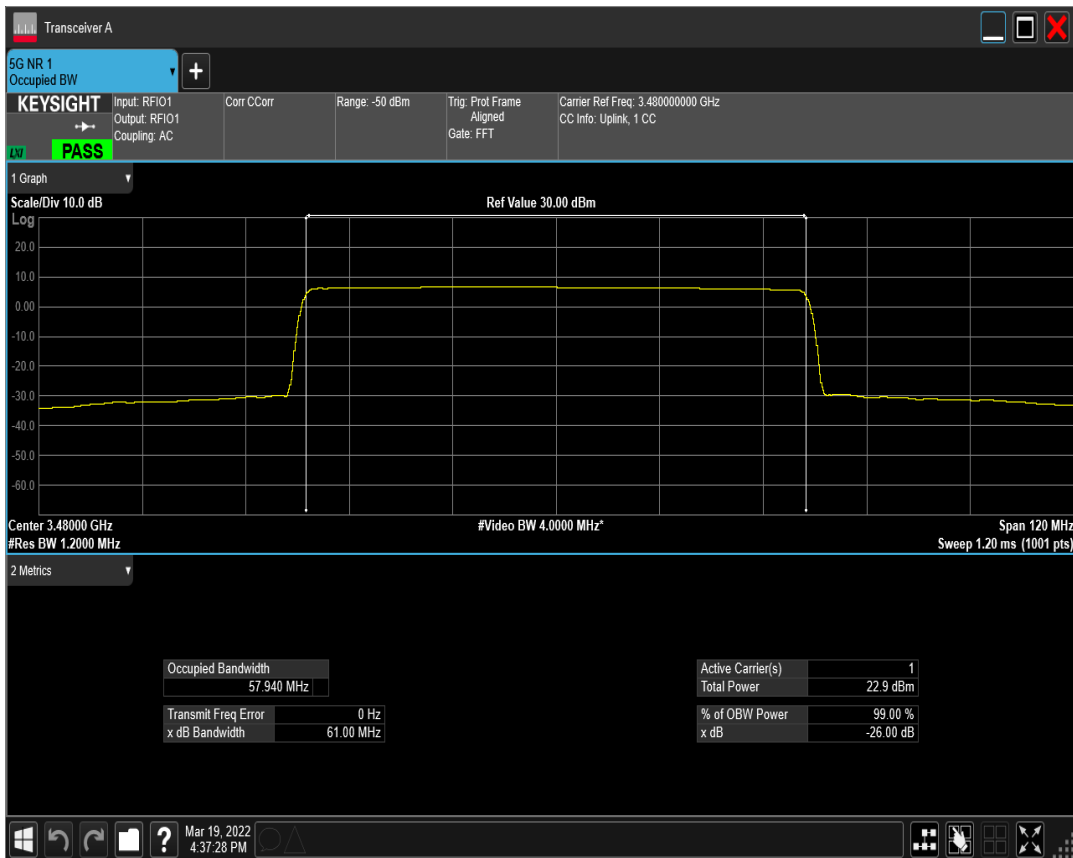


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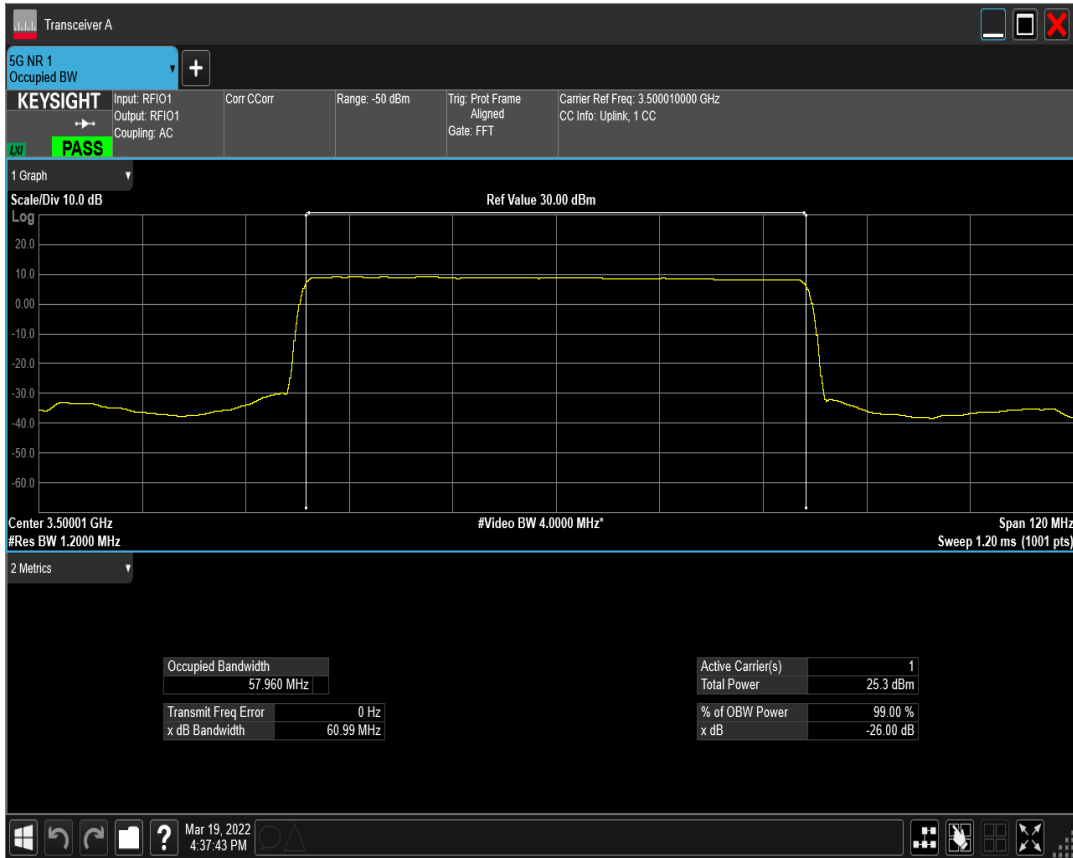




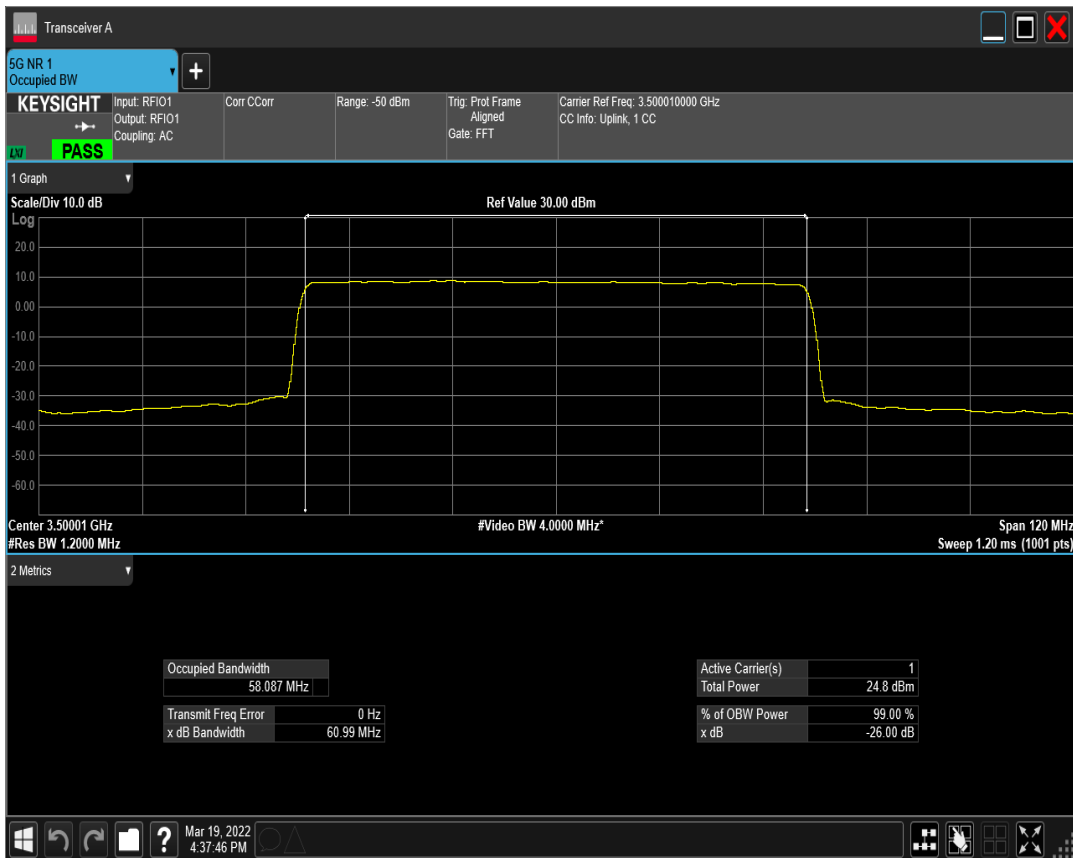
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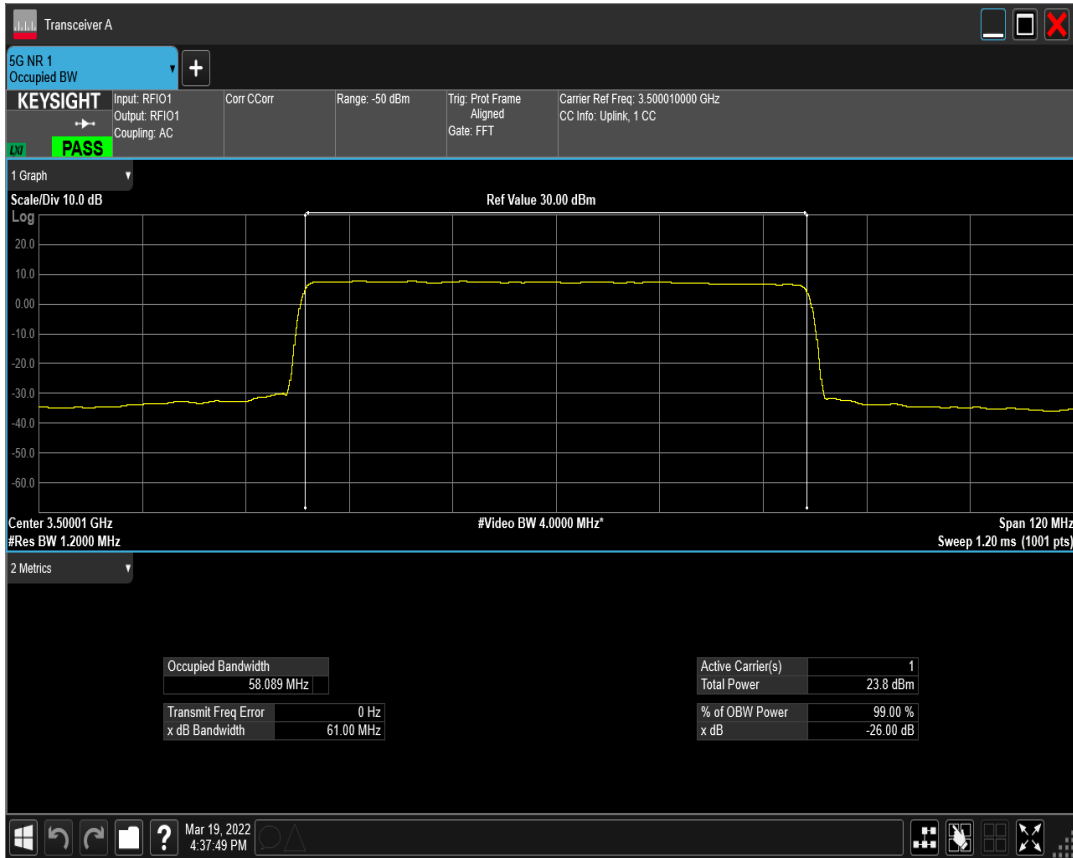
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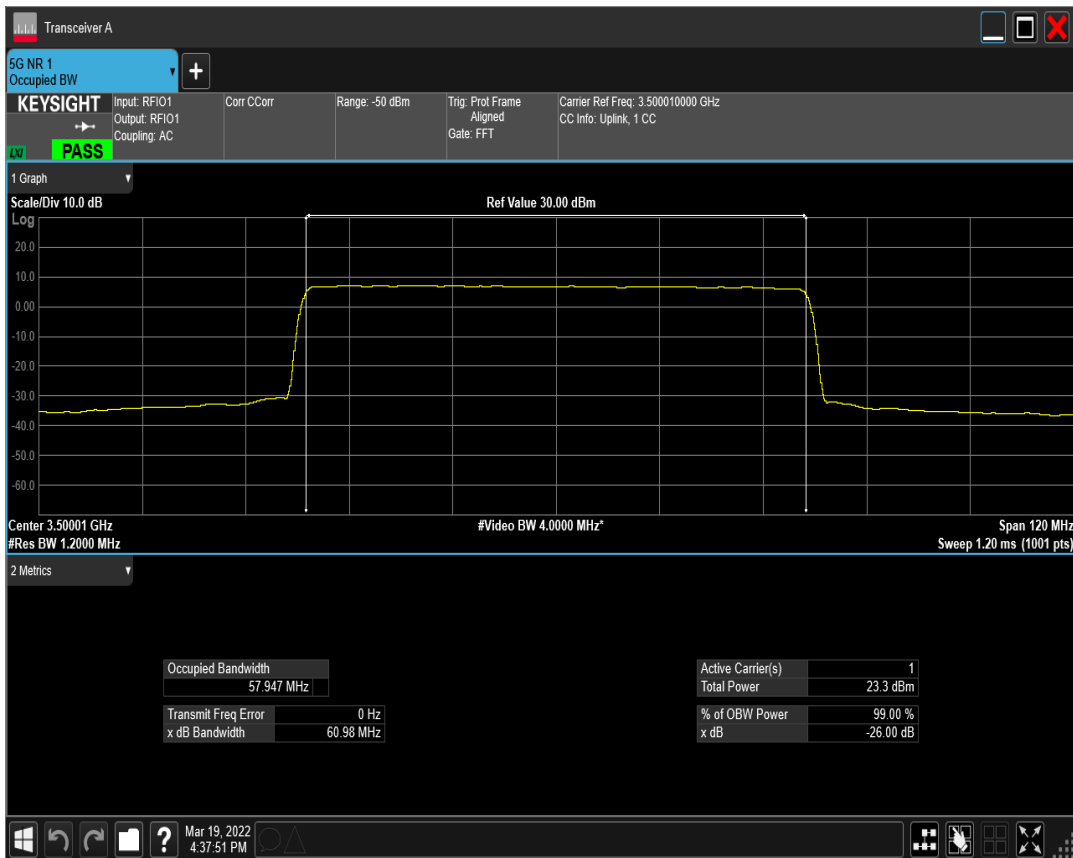
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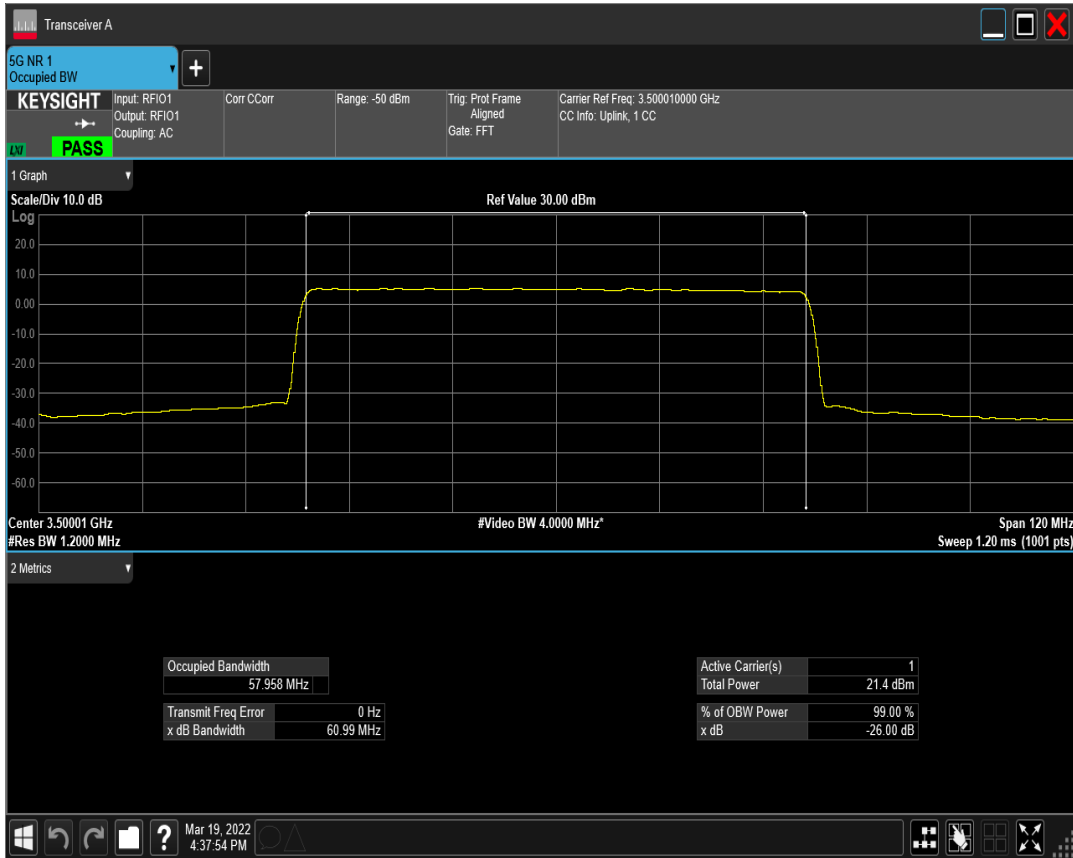
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n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=633334 RB=162@0



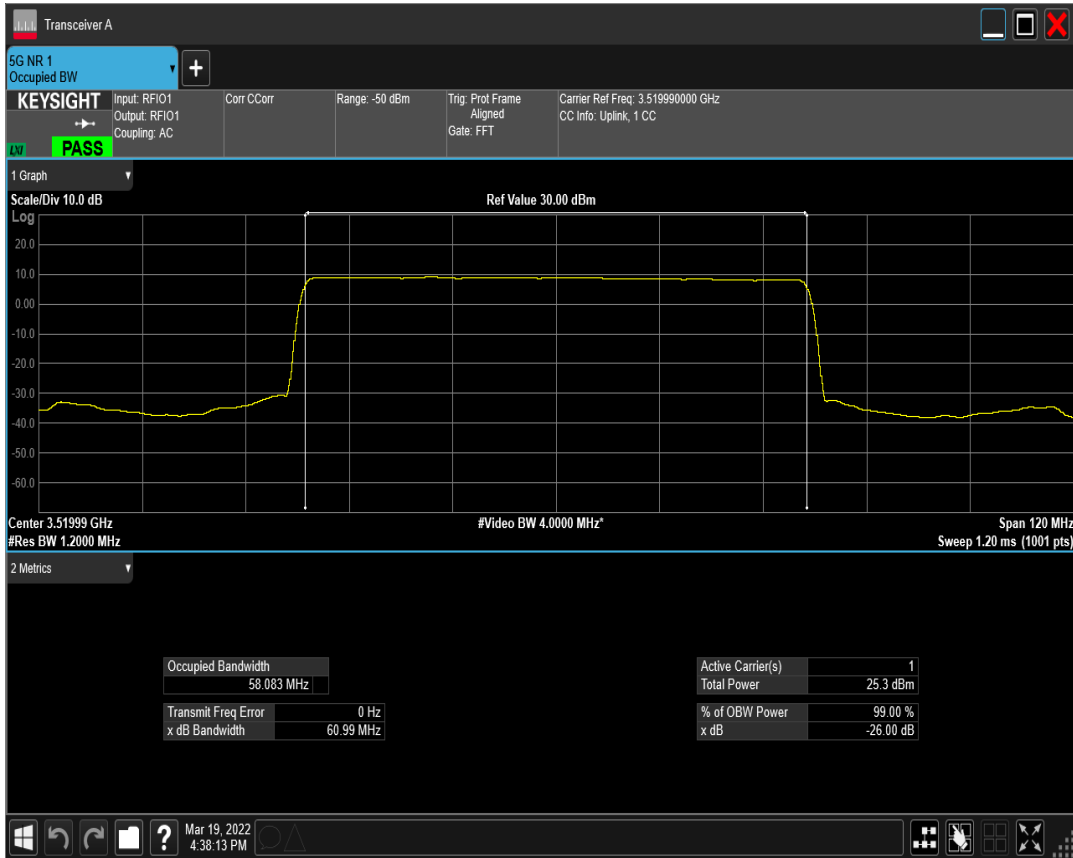
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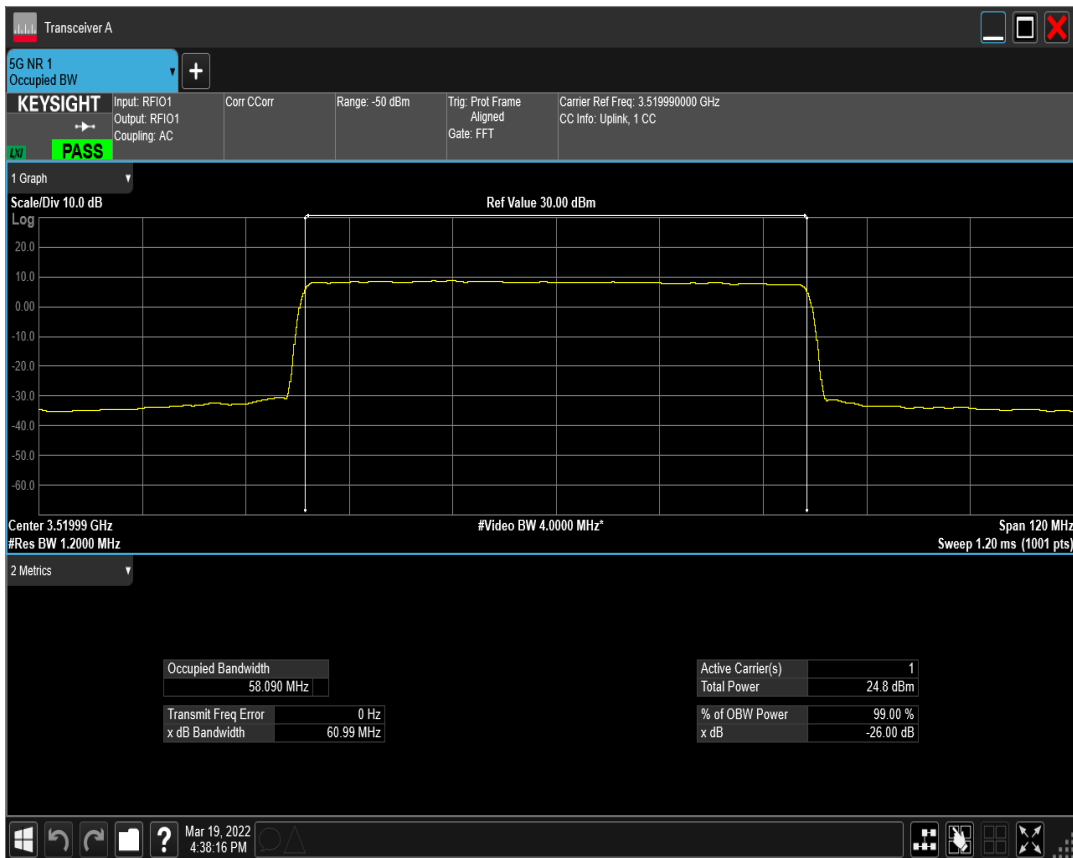
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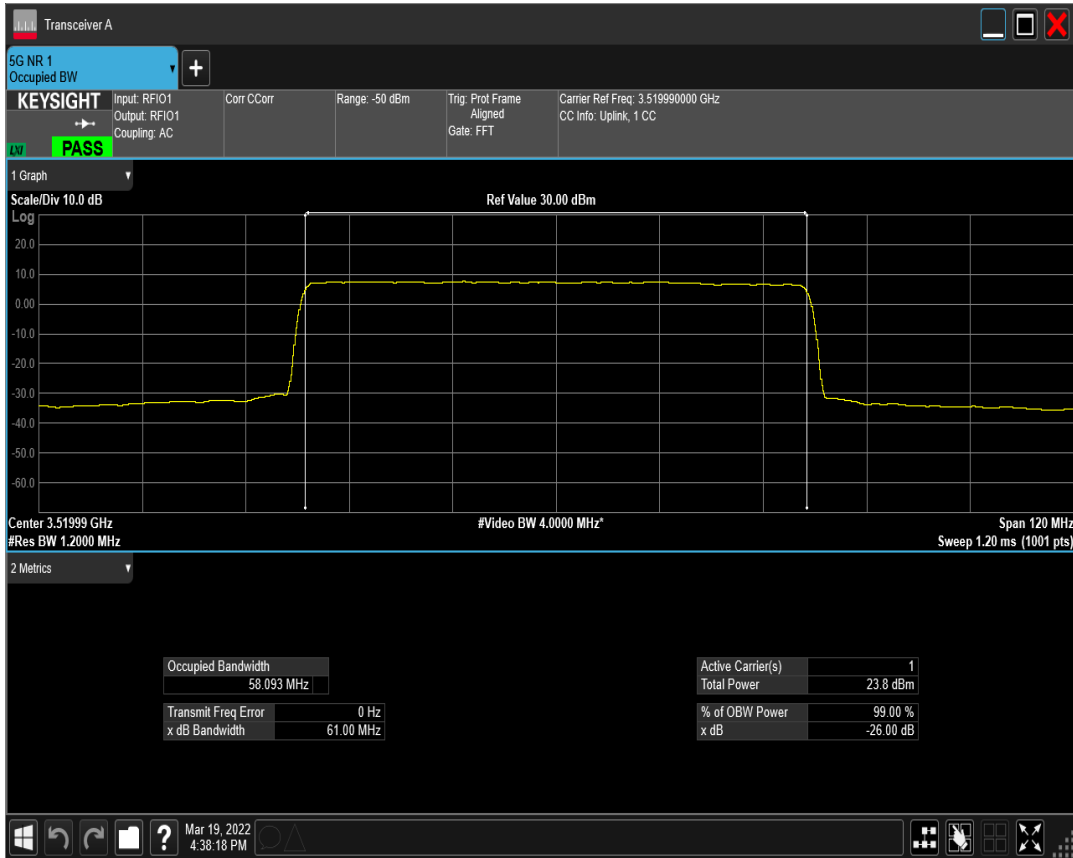
n77(3450-3550) SCS=30kHz DFT\_BPSK BW=60MHz Channel=634666 RB=162@0



n77(3450-3550) SCS=30kHz DFT\_QPSK BW=60MHz Channel=634666 RB=162@0



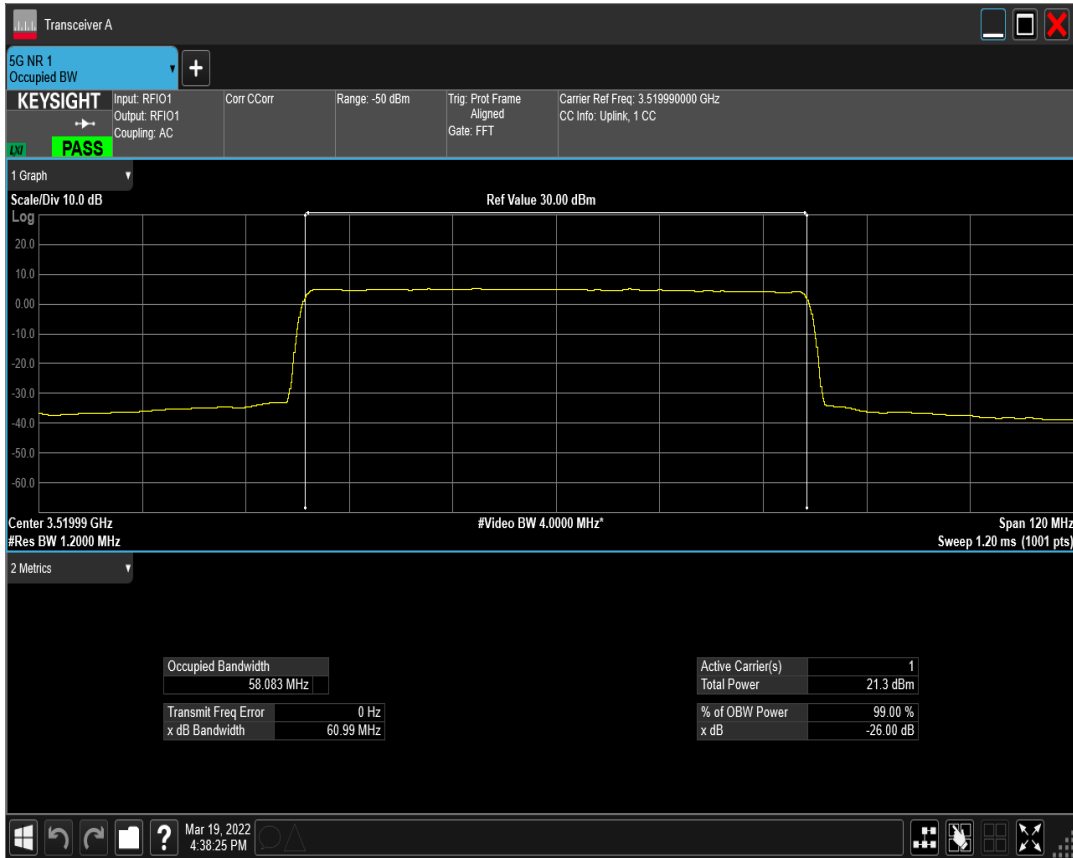
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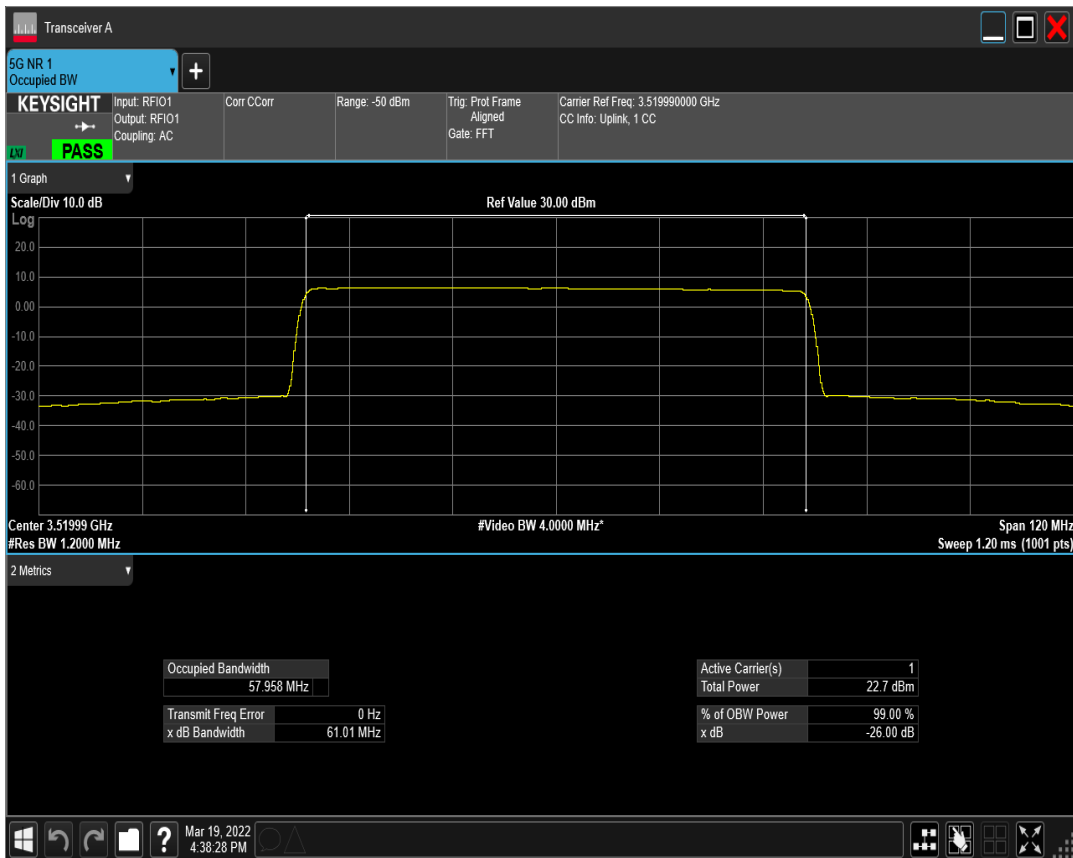
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=634666 RB=162@0



n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=60MHz Channel=634666 RB=162@0



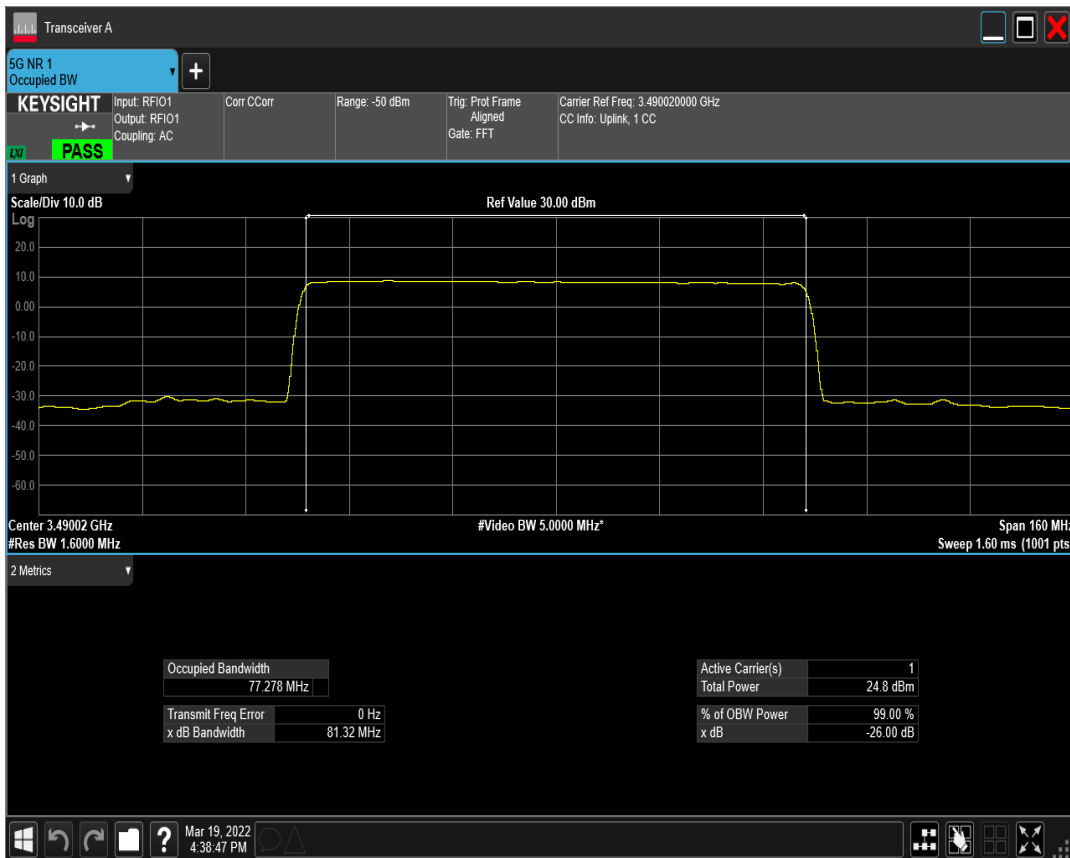
n77(3450-3550) SCS=30kHz CP\_QPSK BW=60MHz Channel=634666 RB=162@0



n77(3450-3550) SCS=30kHz DFT\_BPSK BW=80MHz Channel=632668 RB=216@0



n77(3450-3550) SCS=30kHz DFT\_QPSK BW=80MHz Channel=632668 RB=216@0

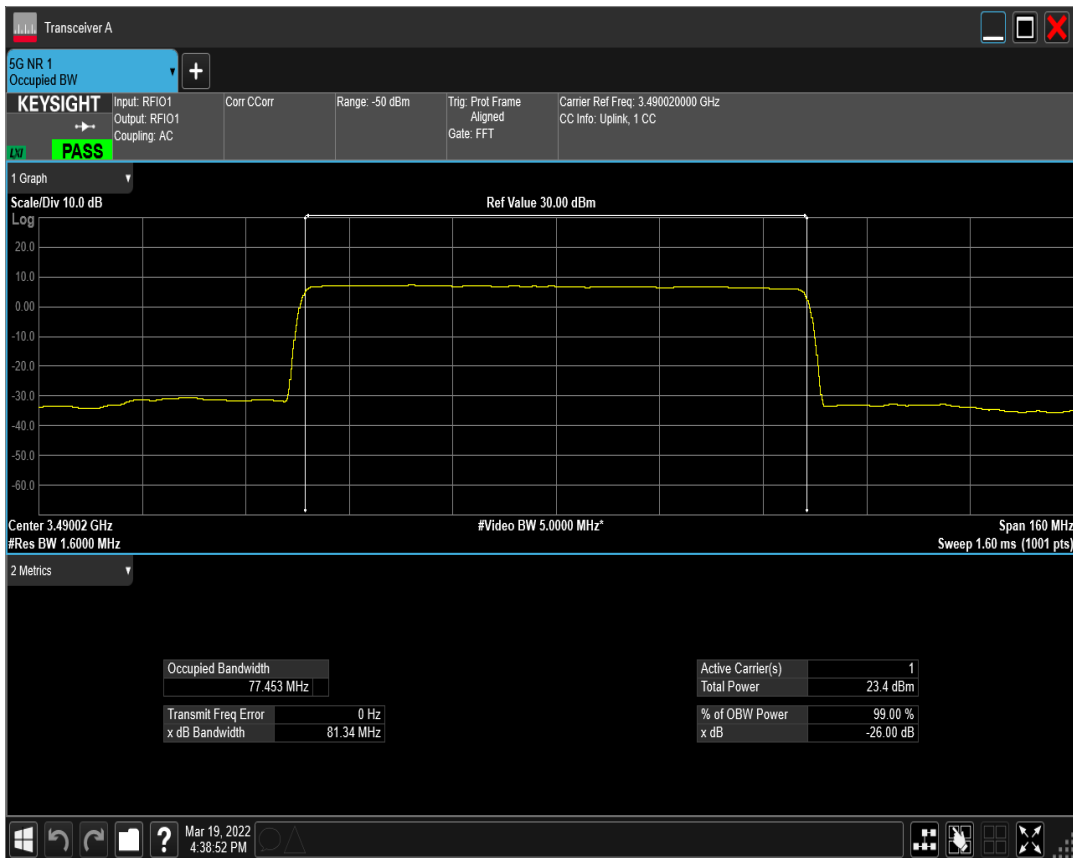


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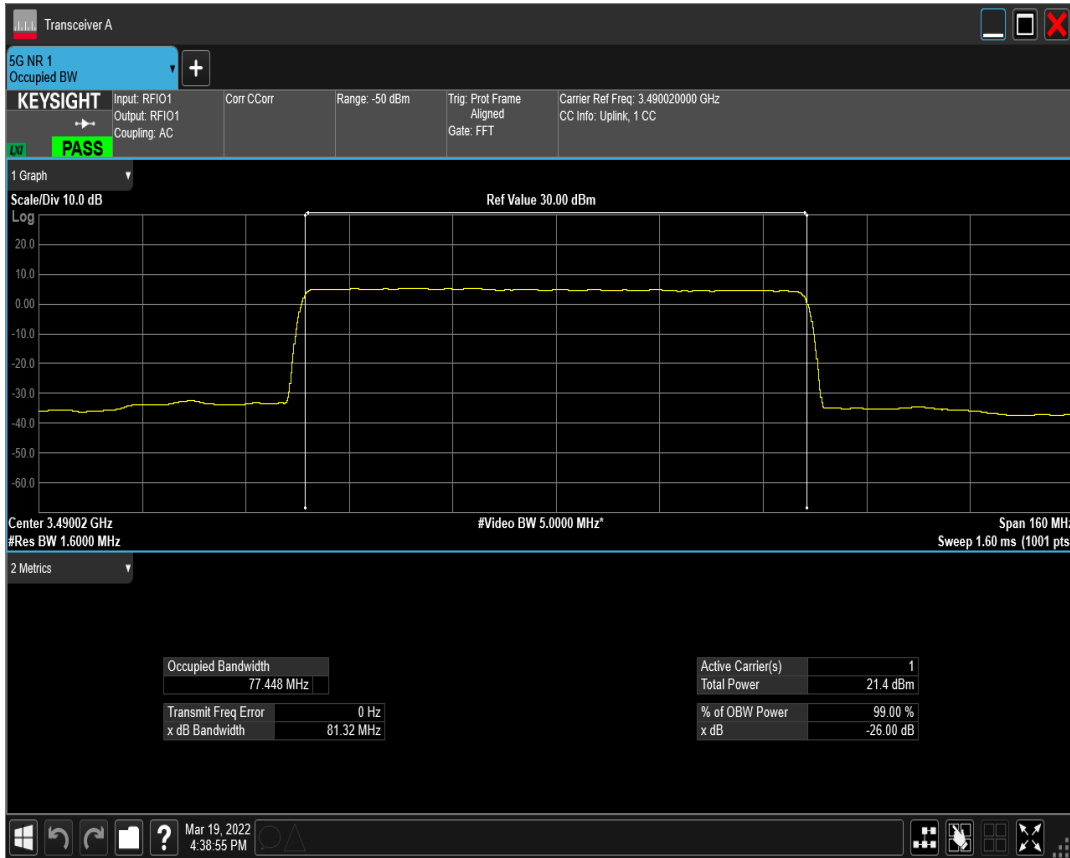




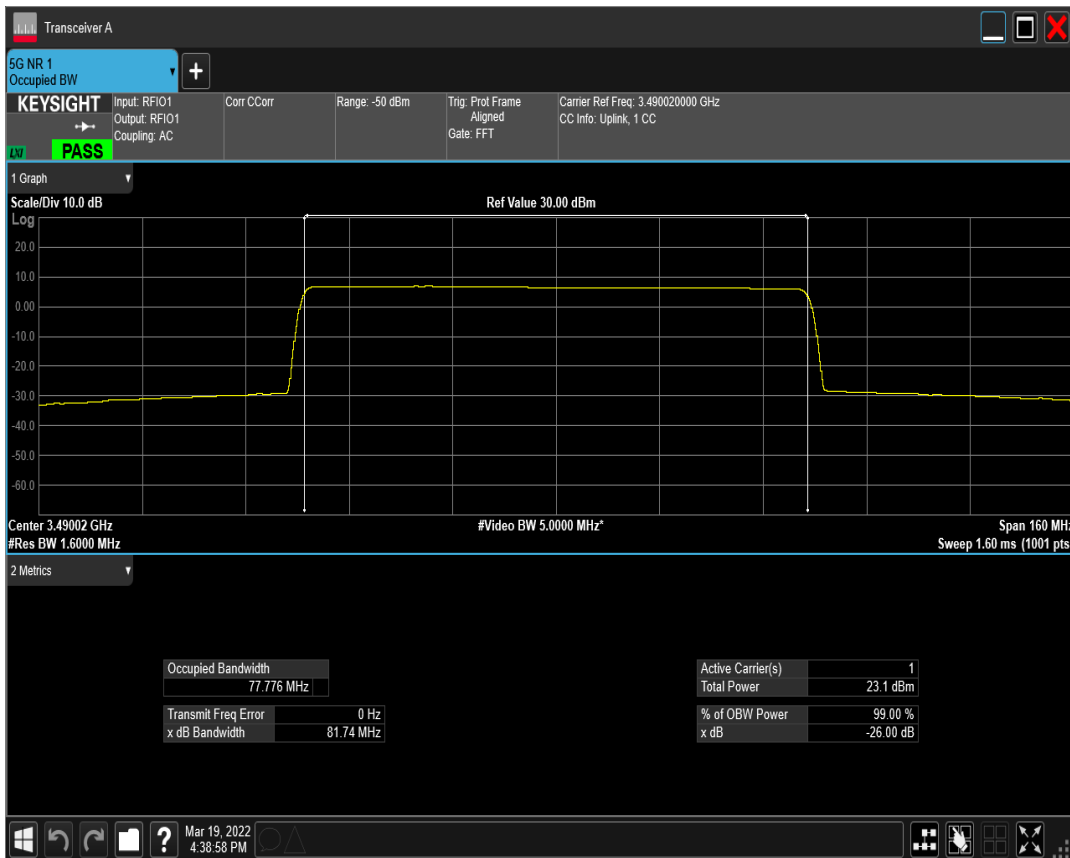
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n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=632668 RB=216@0



n77(3450-3550) SCS=30kHz CP\_QPSK BW=80MHz Channel=632668 RB=217@0



n77(3450-3550) SCS=30kHz DFT\_BPSK BW=80MHz Channel=633334 RB=216@0



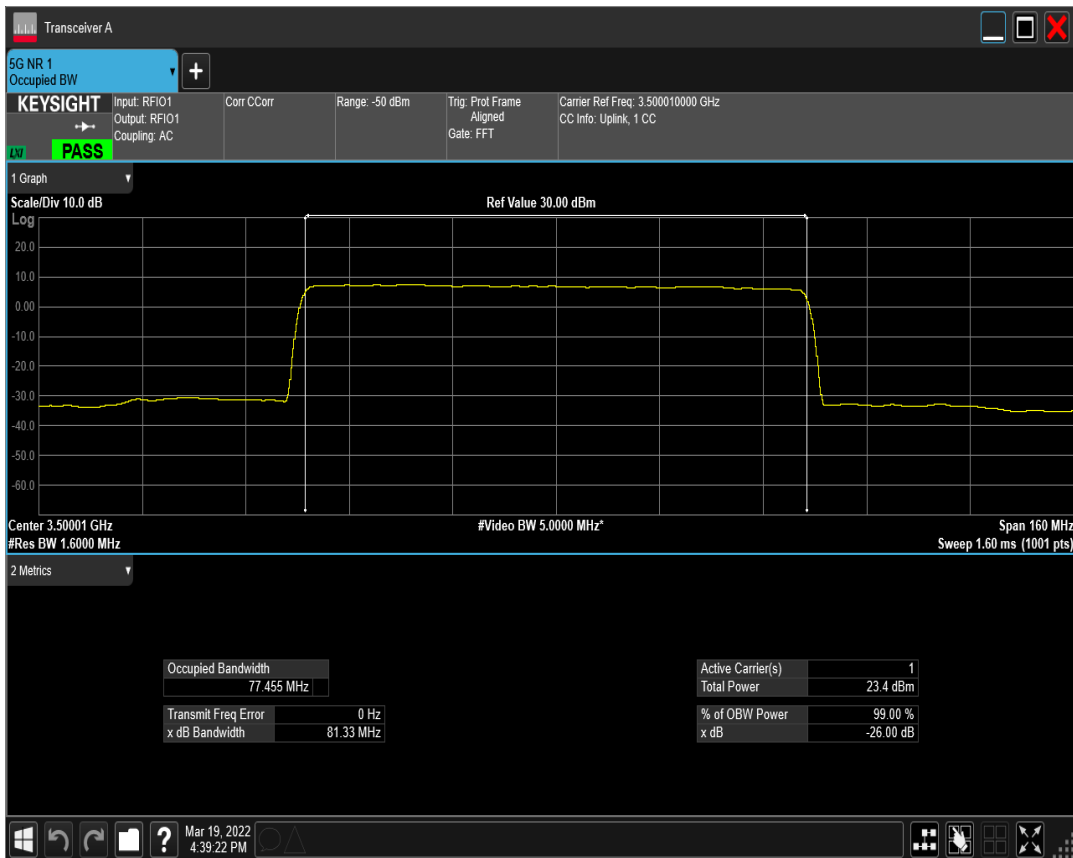
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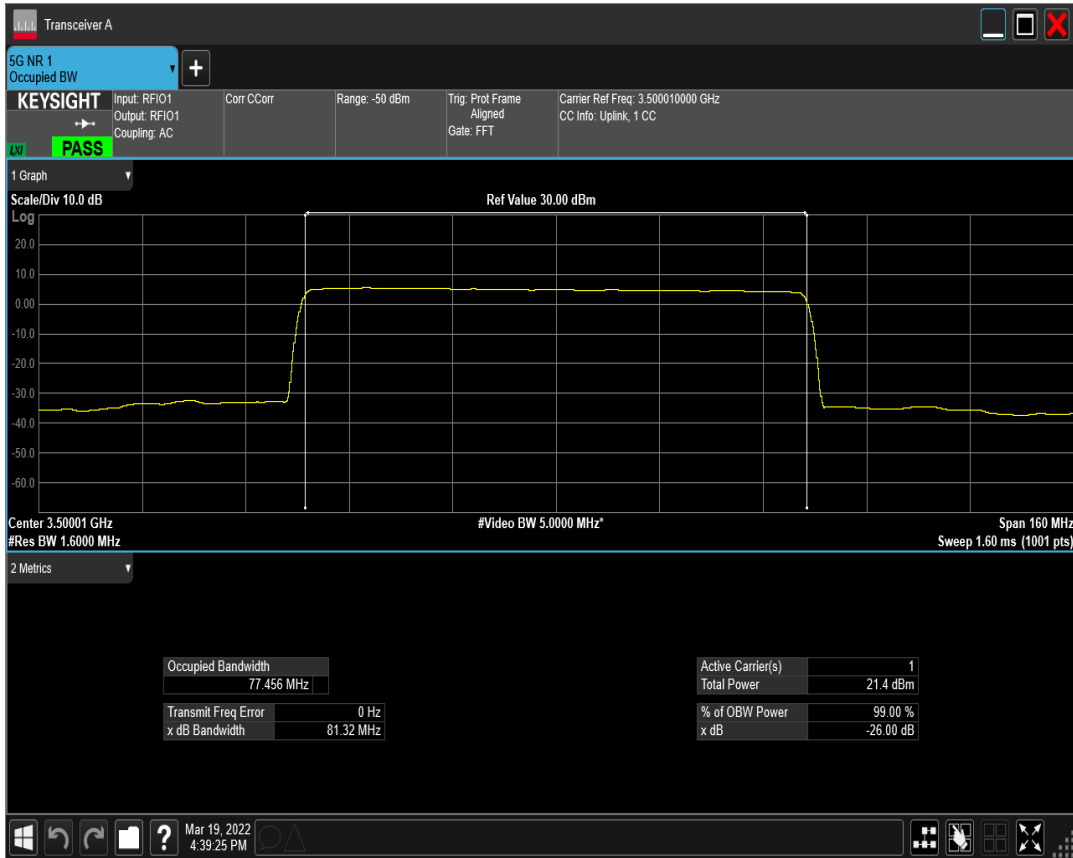
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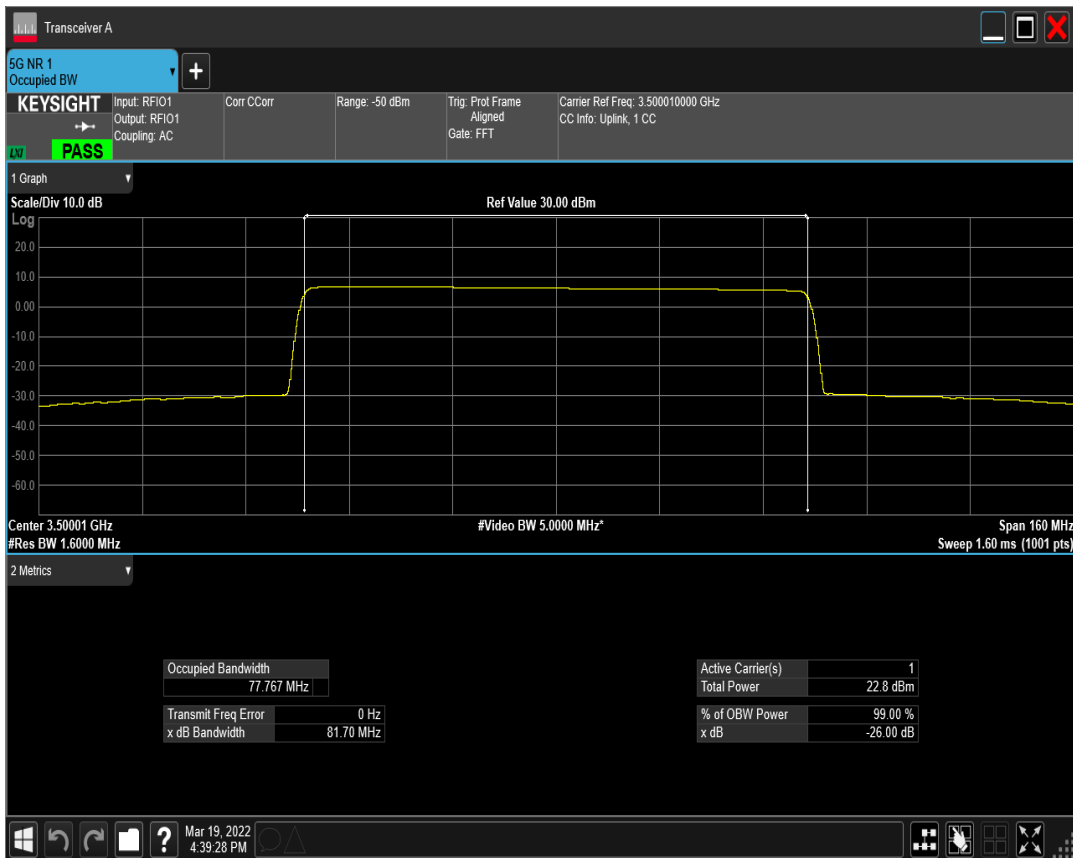
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=633334 RB=216@0



n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=633334 RB=216@0



n77(3450-3550) SCS=30kHz CP\_QPSK BW=80MHz Channel=633334 RB=217@0



n77(3450-3550) SCS=30kHz DFT\_BPSK BW=80MHz Channel=634000 RB=216@0



n77(3450-3550) SCS=30kHz DFT\_QPSK BW=80MHz Channel=634000 RB=216@0



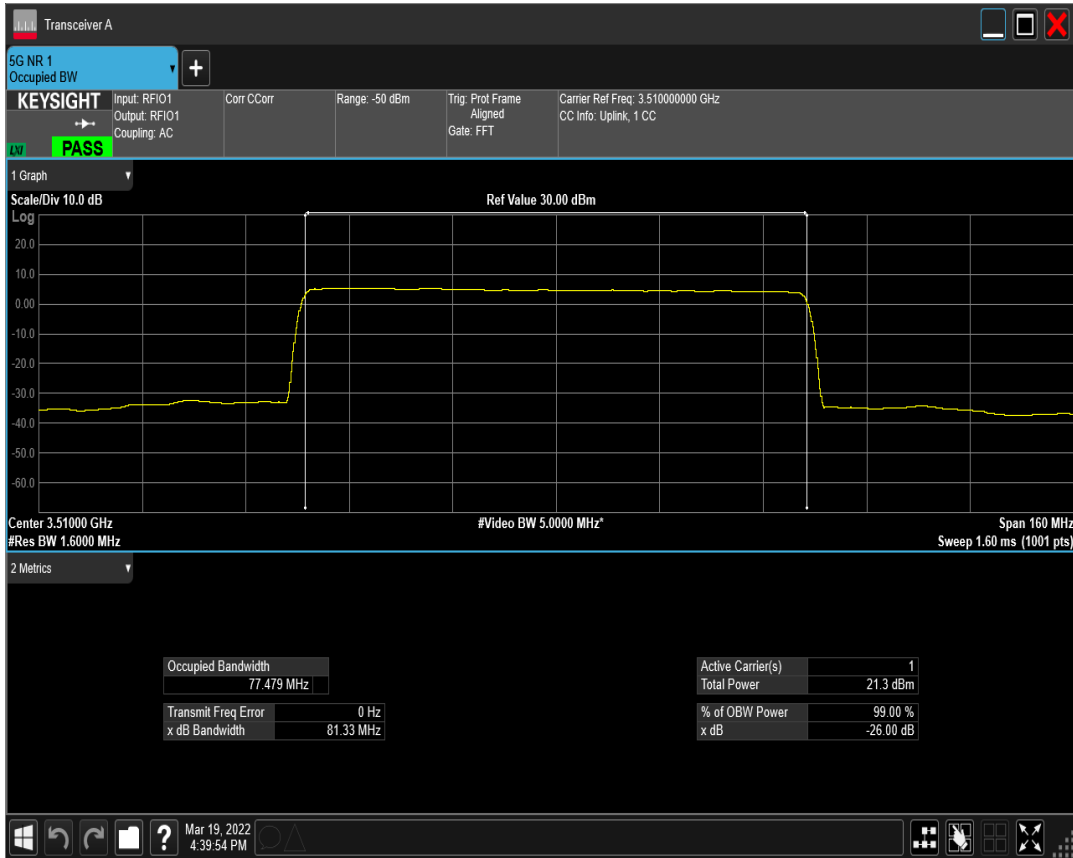
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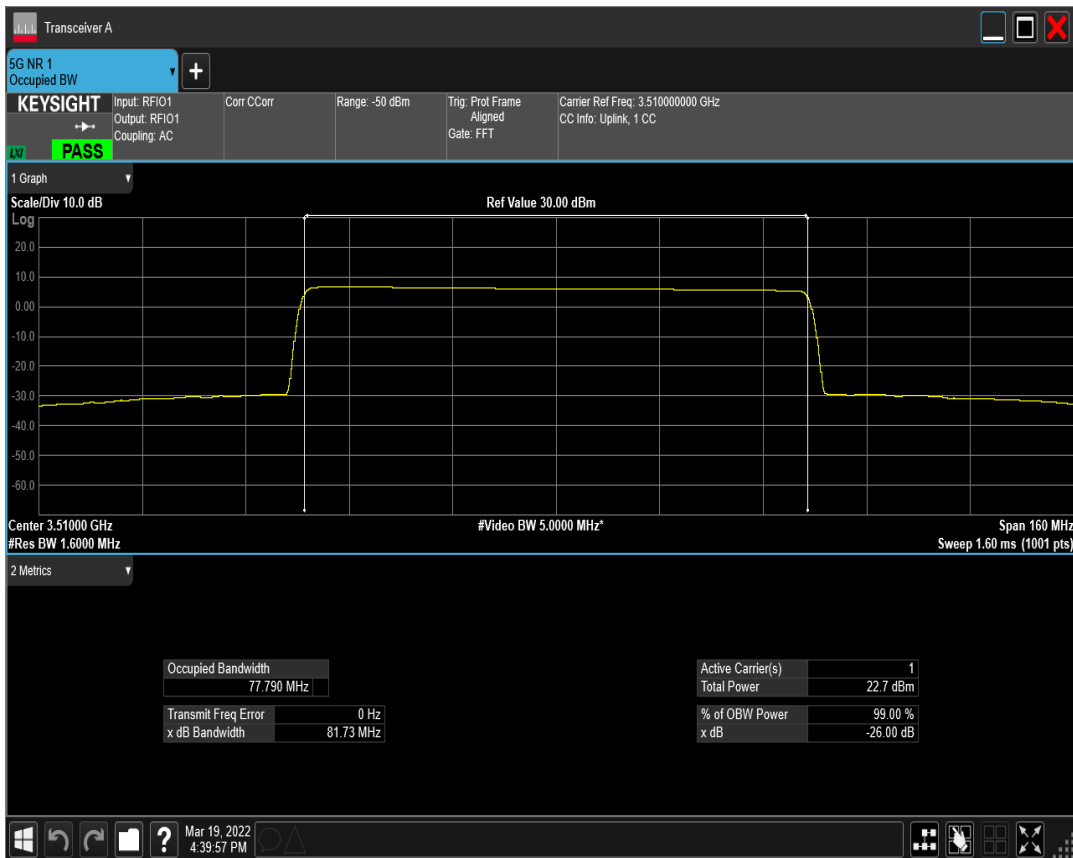
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n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=634000 RB=216@0

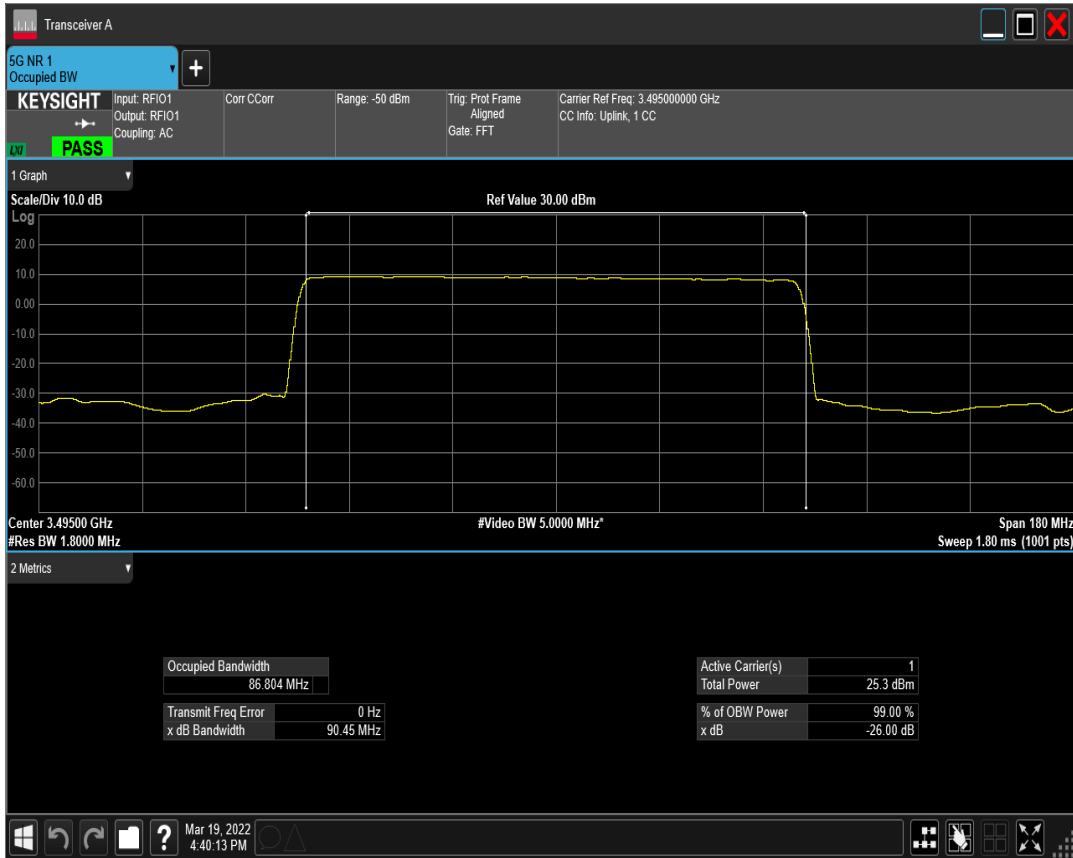


n77(3450-3550) SCS=30kHz CP\_QPSK BW=80MHz Channel=634000 RB=217@0

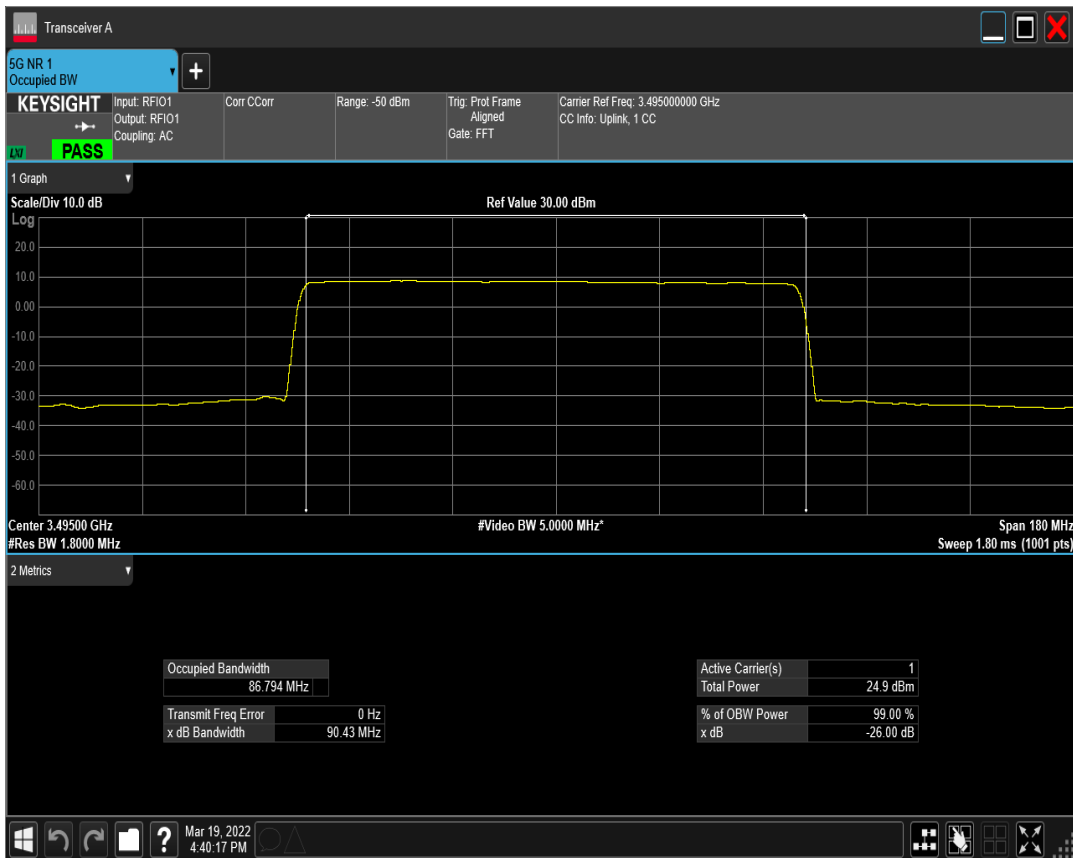


n77(3450-3550) SCS=30kHz DFT\_BPSK BW=90MHz Channel=633000 RB=240@0

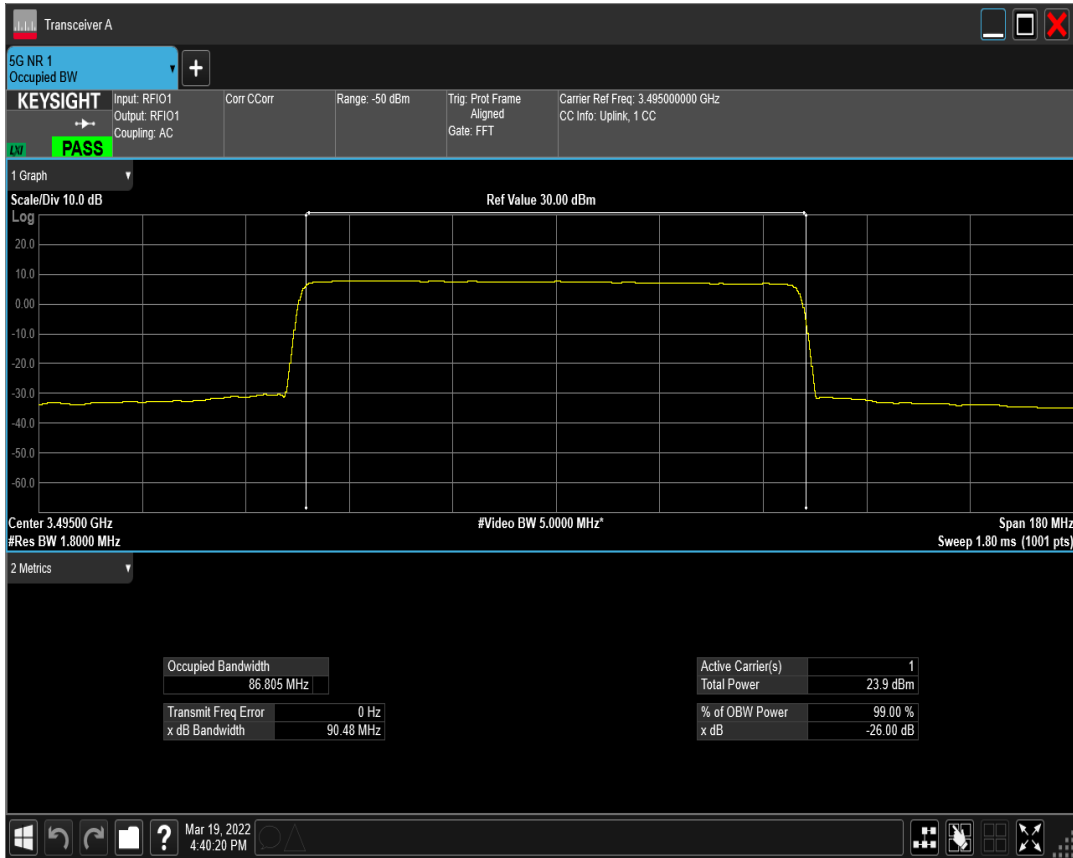




n77(3450-3550) SCS=30kHz DFT\_QPSK BW=90MHz Channel=633000 RB=240@0



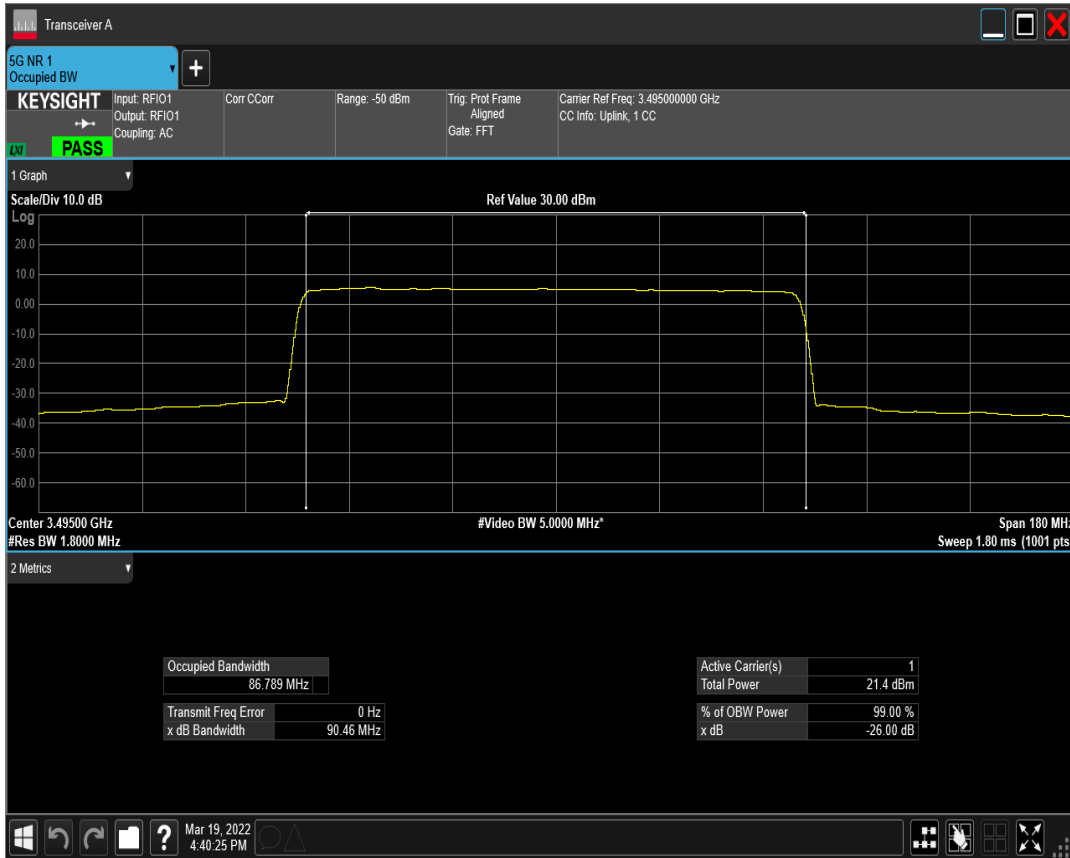
n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=633000 RB=240@0



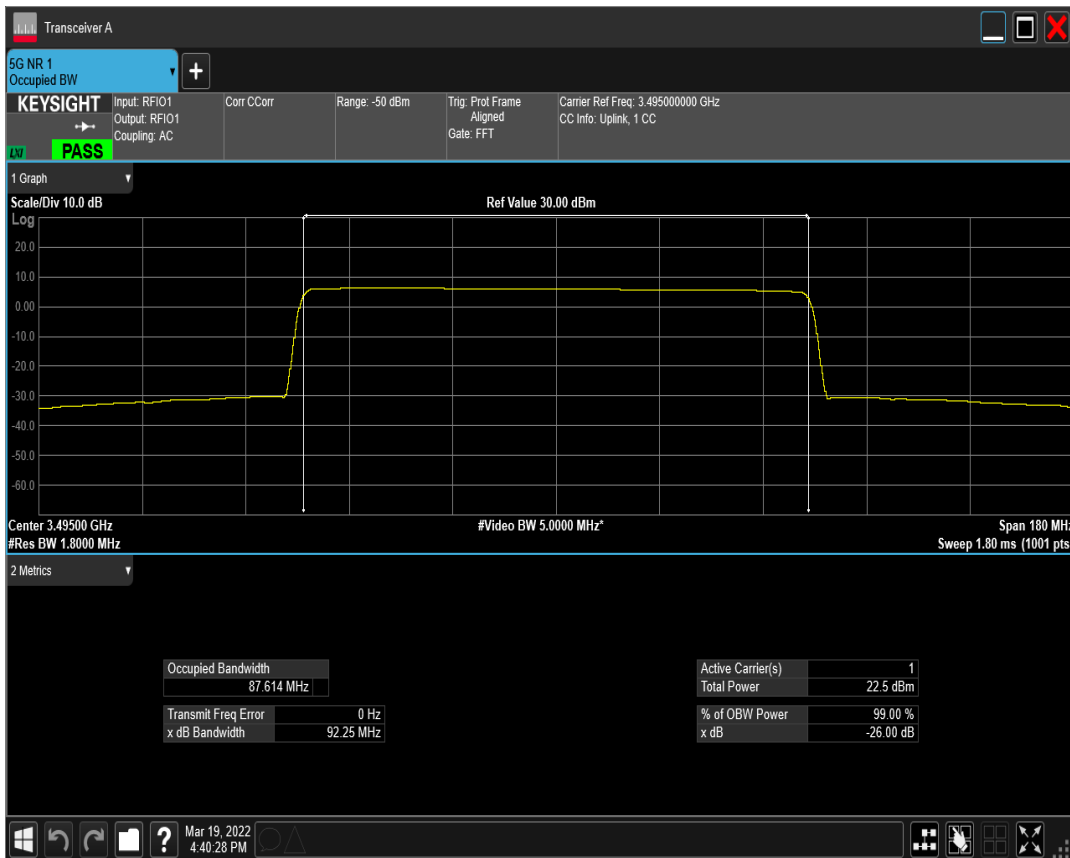
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=633000 RB=240@0



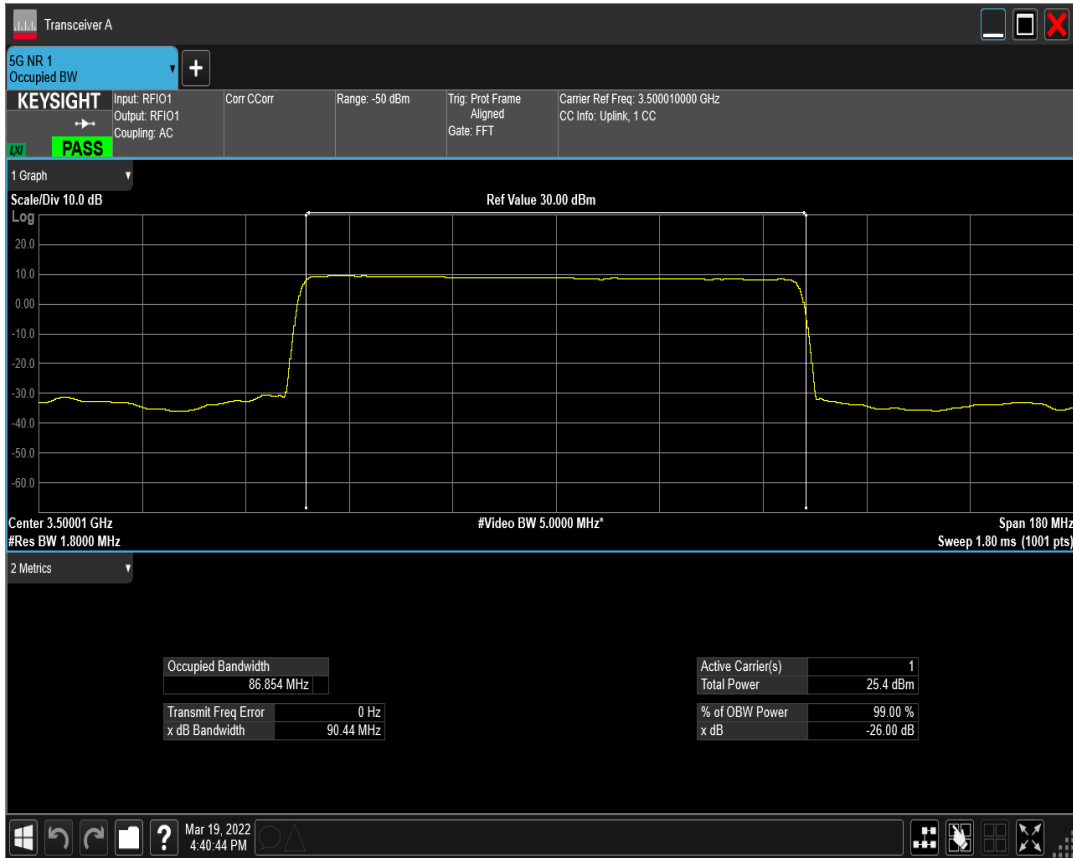
n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=633000 RB=240@0



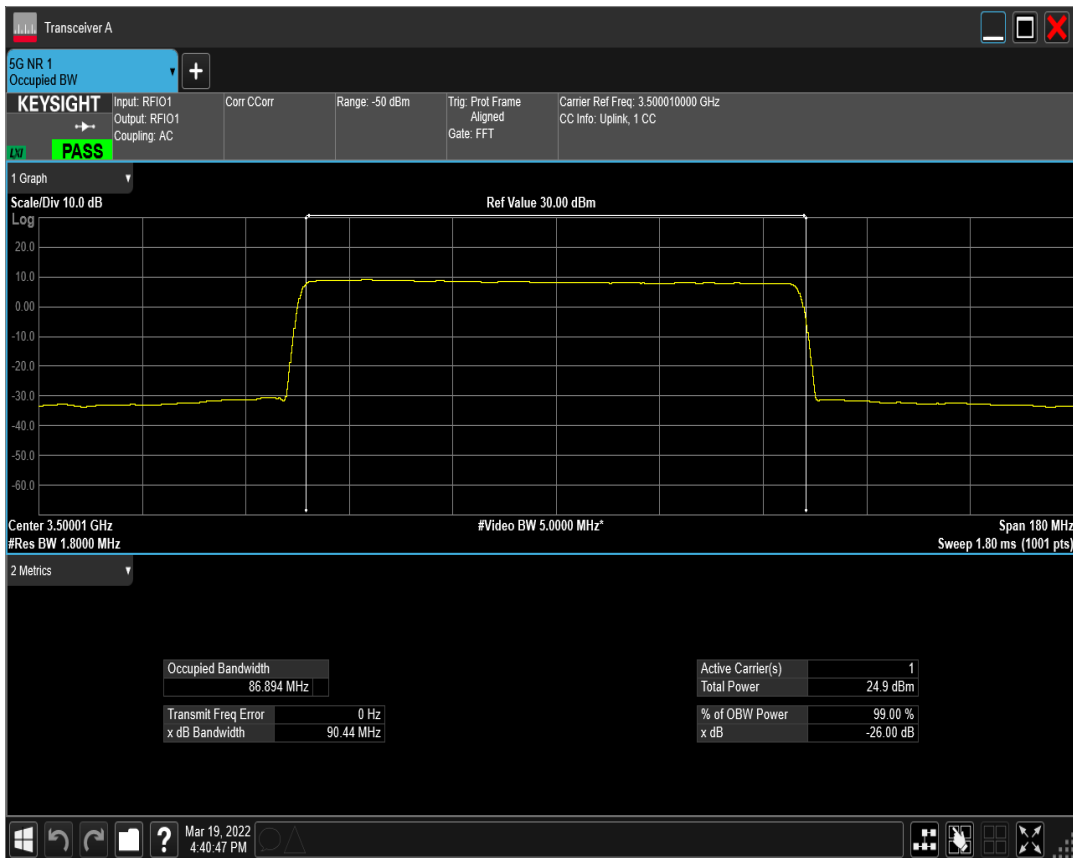
n77(3450-3550) SCS=30kHz CP\_QPSK BW=90MHz Channel=633000 RB=245@0



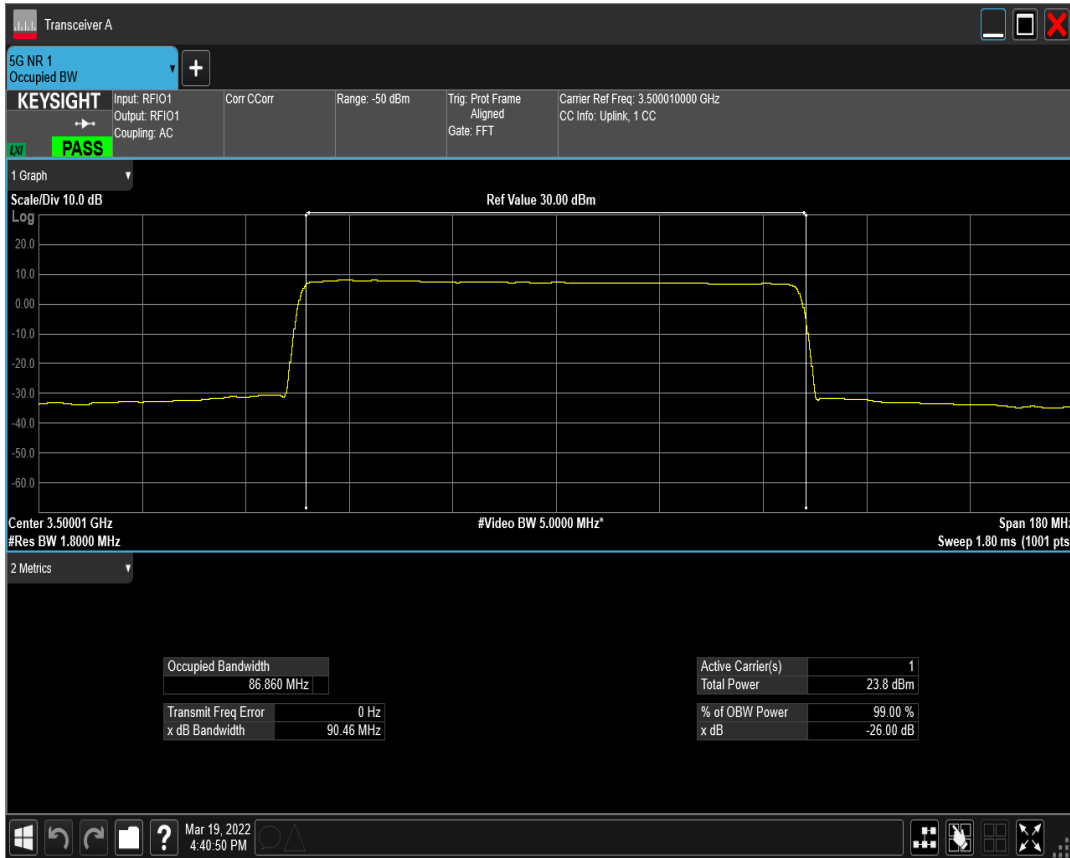
n77(3450-3550) SCS=30kHz DFT\_BPSK BW=90MHz Channel=633334 RB=240@0



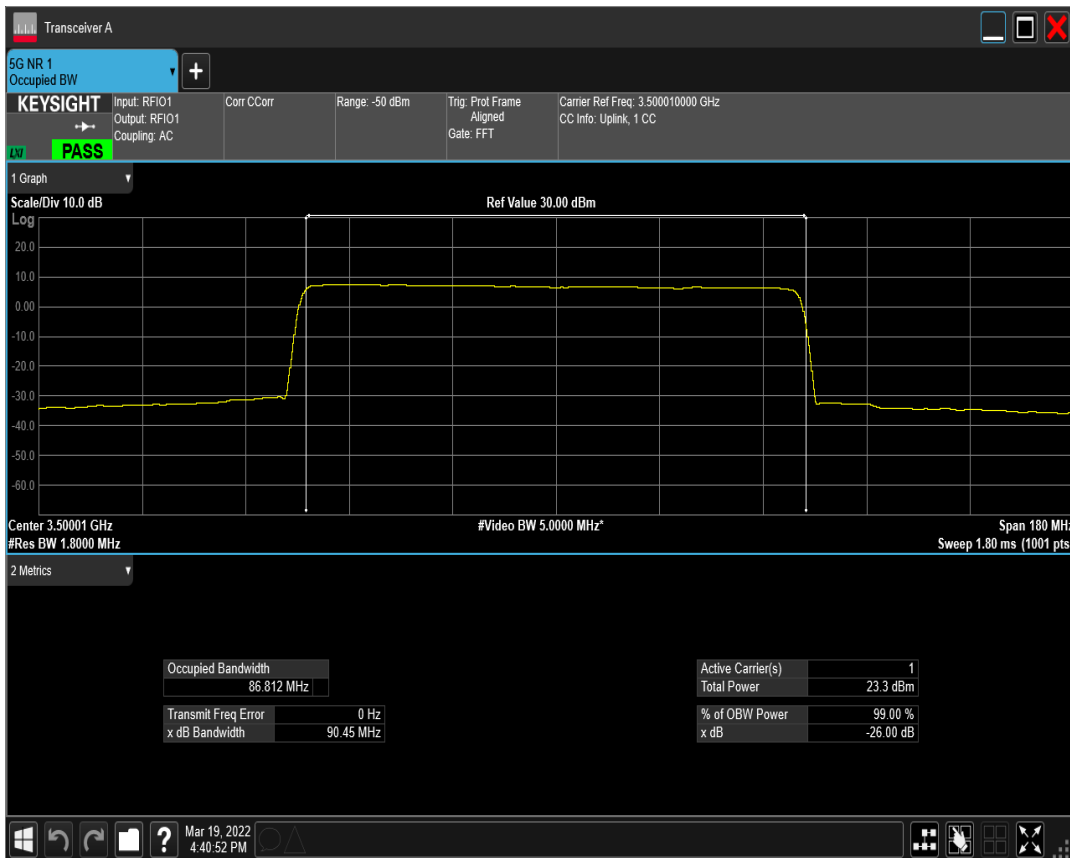
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=90MHz Channel=633334 RB=240@0



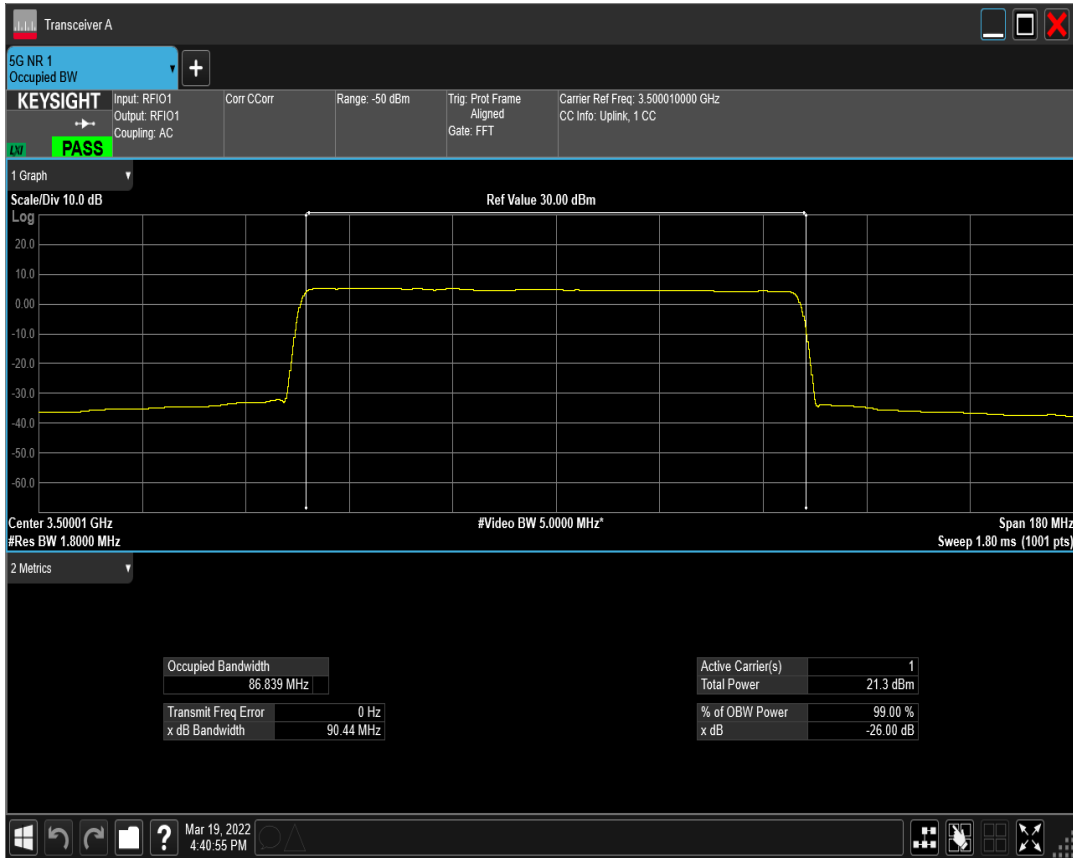
n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=633334 RB=240@0



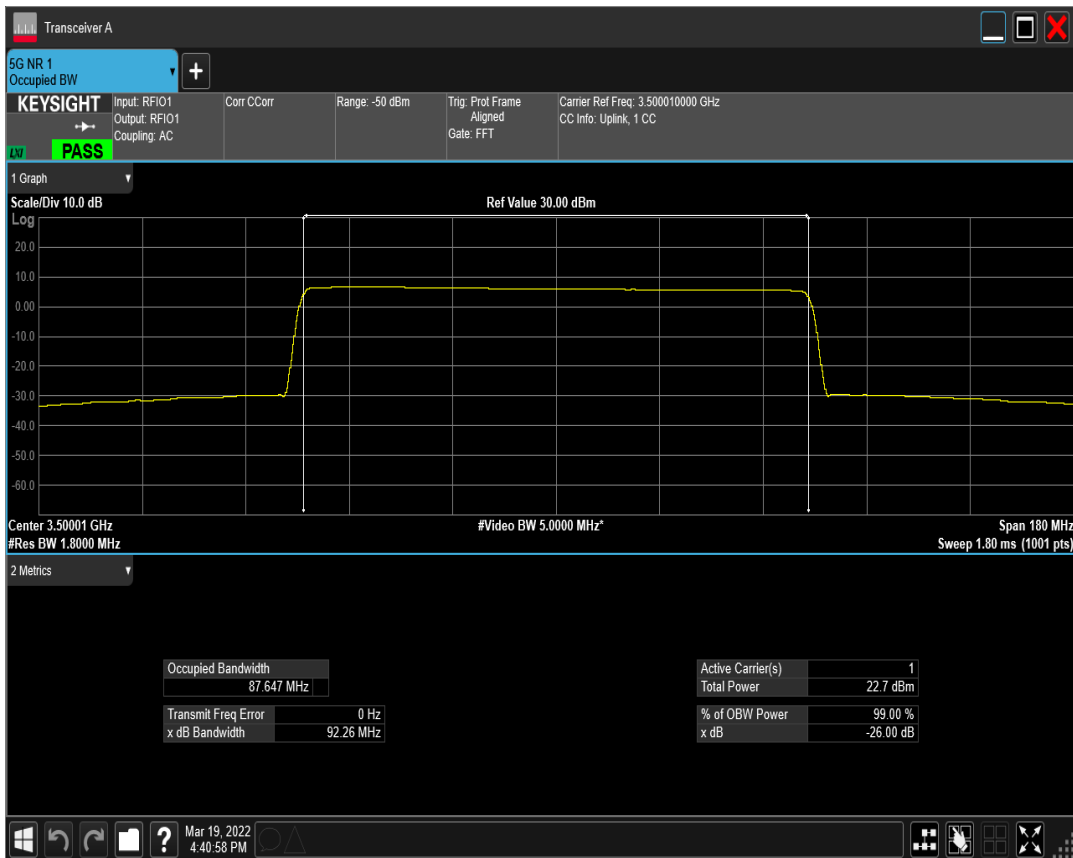
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=633334 RB=240@0



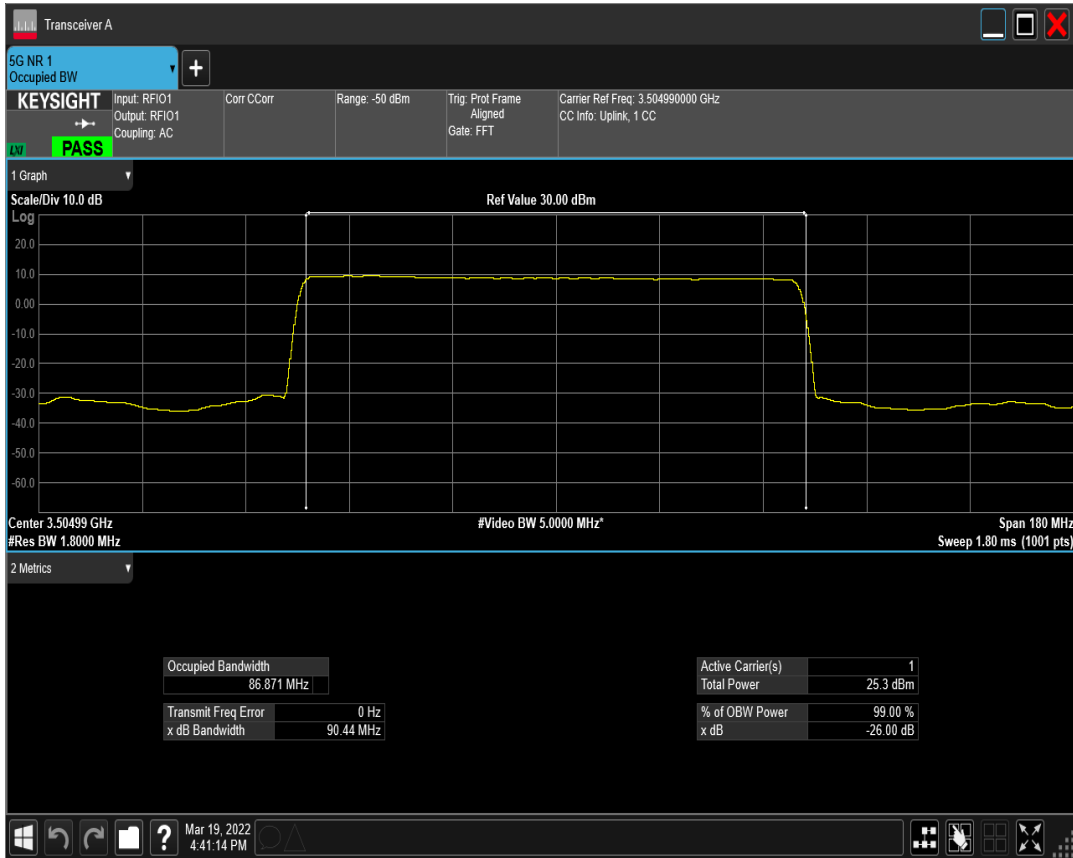
n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=633334 RB=240@0



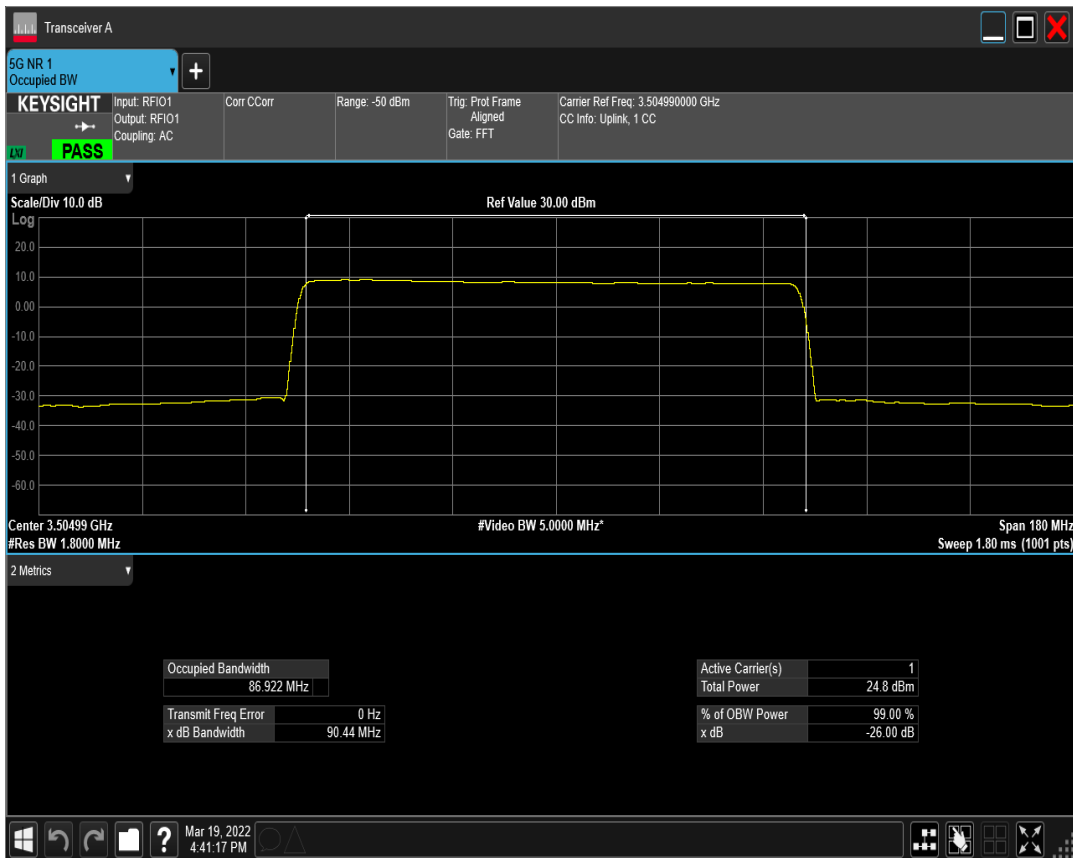
n77(3450-3550) SCS=30kHz CP\_QPSK BW=90MHz Channel=633334 RB=245@0



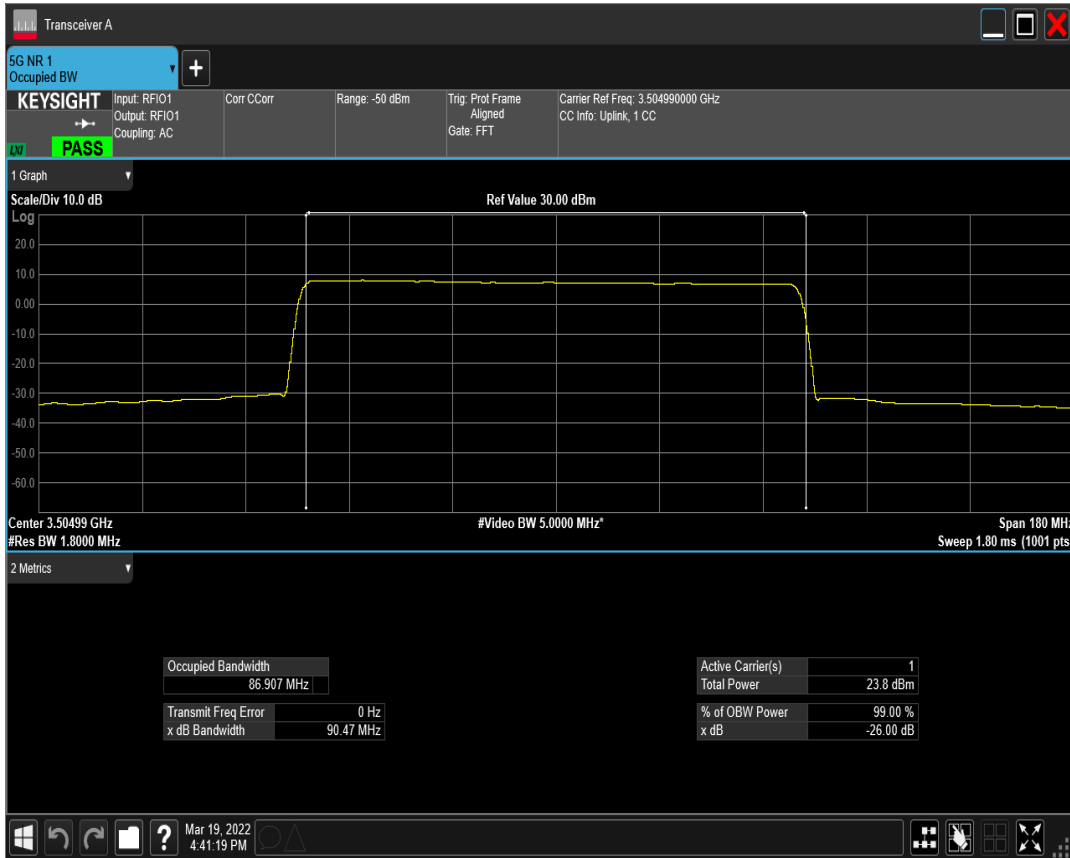
n77(3450-3550) SCS=30kHz DFT\_BPSK BW=90MHz Channel=633666 RB=240@0



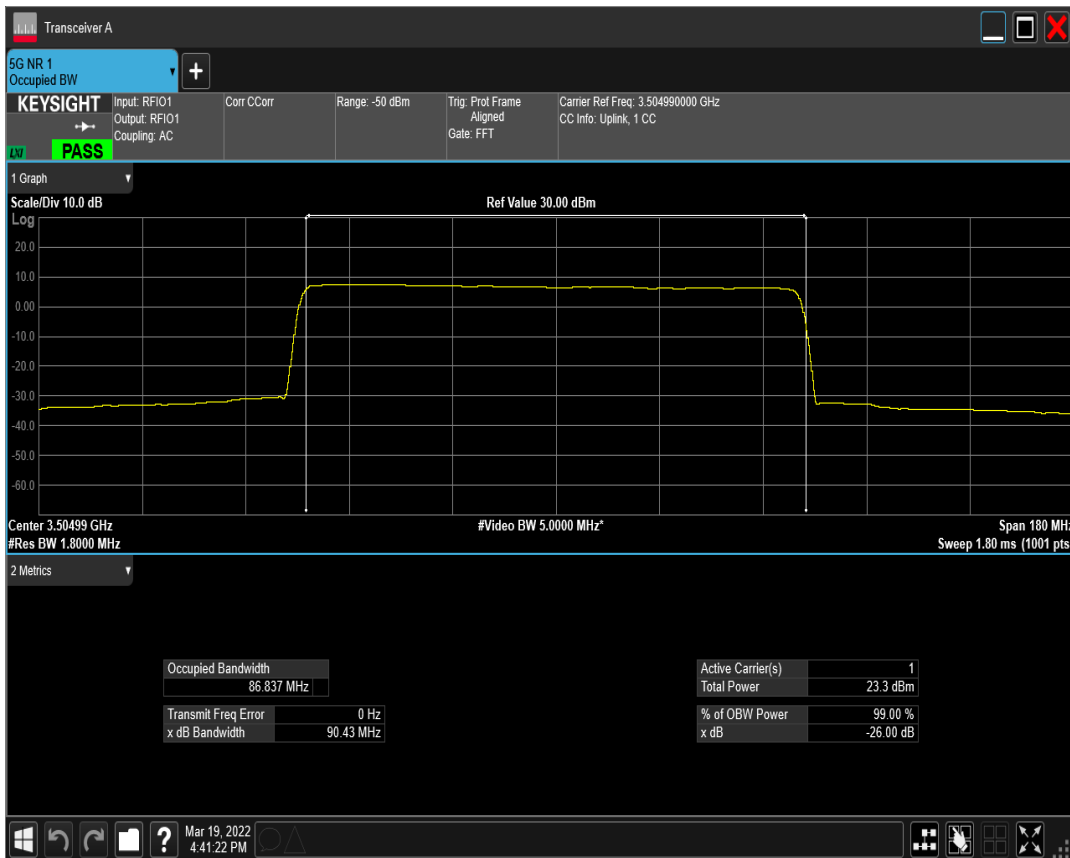
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=90MHz Channel=633666 RB=240@0



n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=633666 RB=240@0

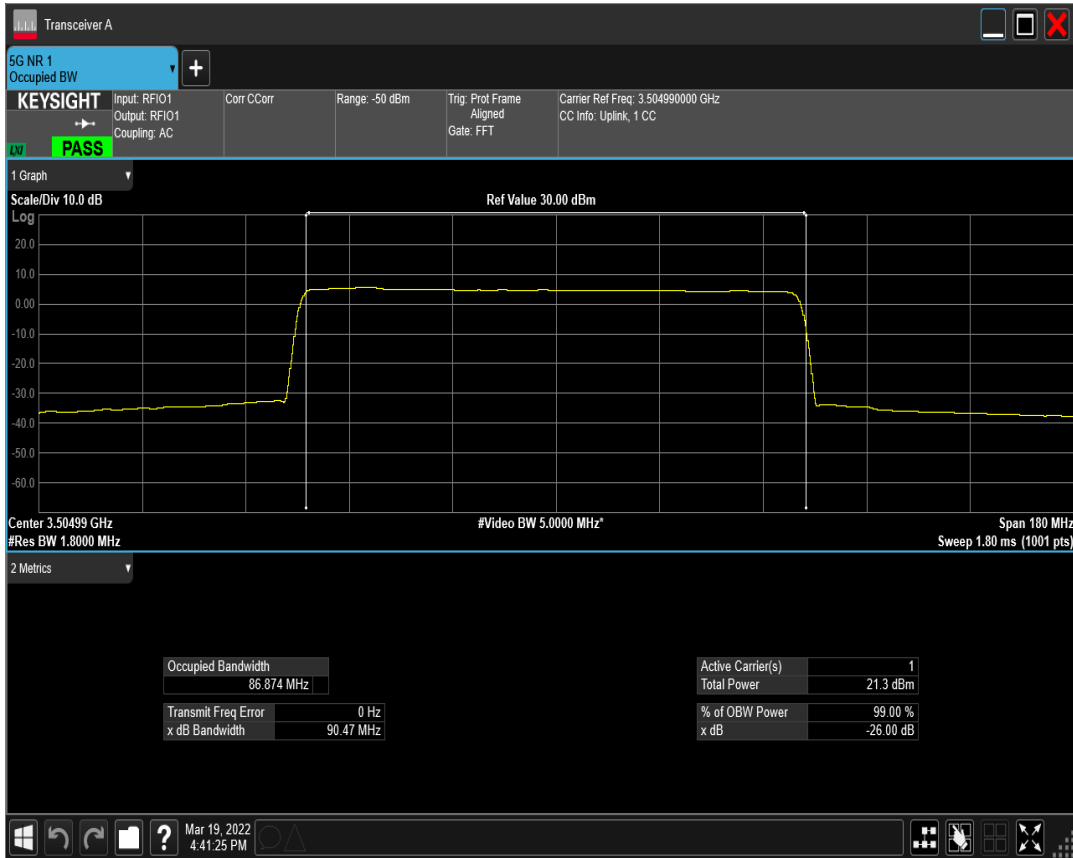


n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=633666 RB=240@0

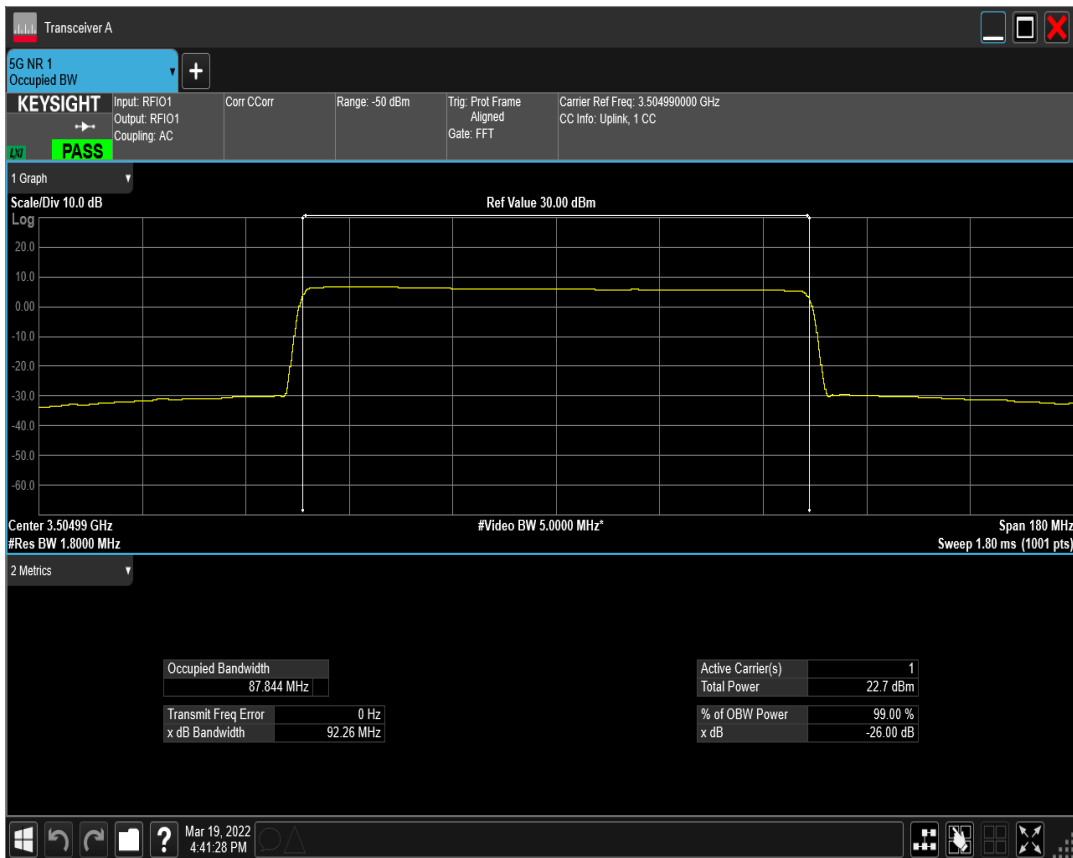


n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=633666 RB=240@0





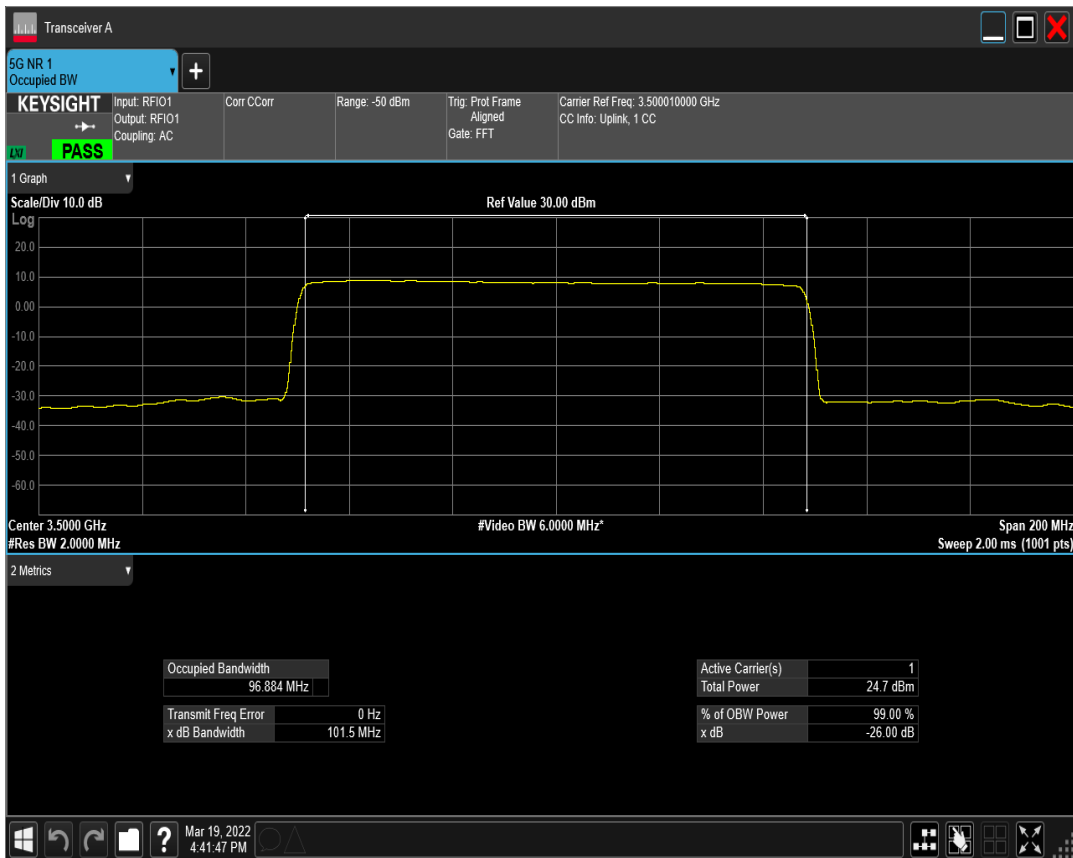
n77(3450-3550) SCS=30kHz CP\_QPSK BW=90MHz Channel=633666 RB=245@0



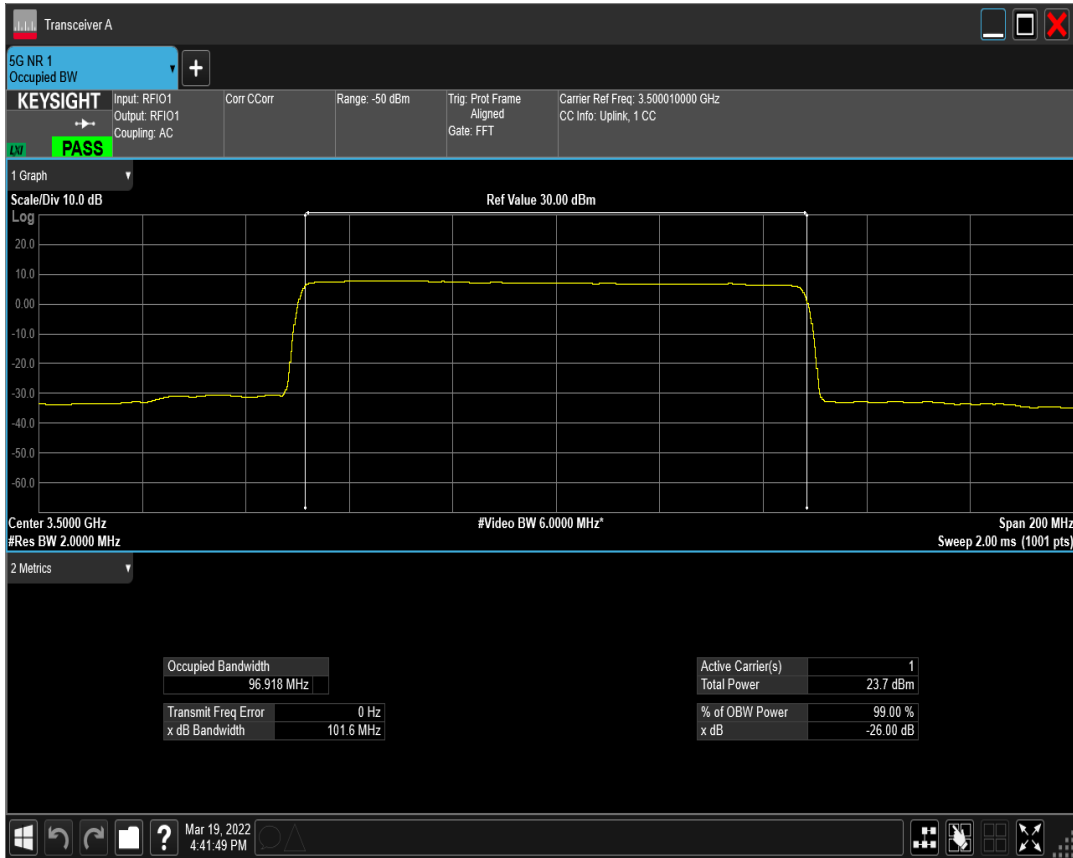
n77(3450-3550) SCS=30kHz DFT\_BPSK BW=100MHz Channel=633334 RB=270@0



n77(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633334 RB=270@0



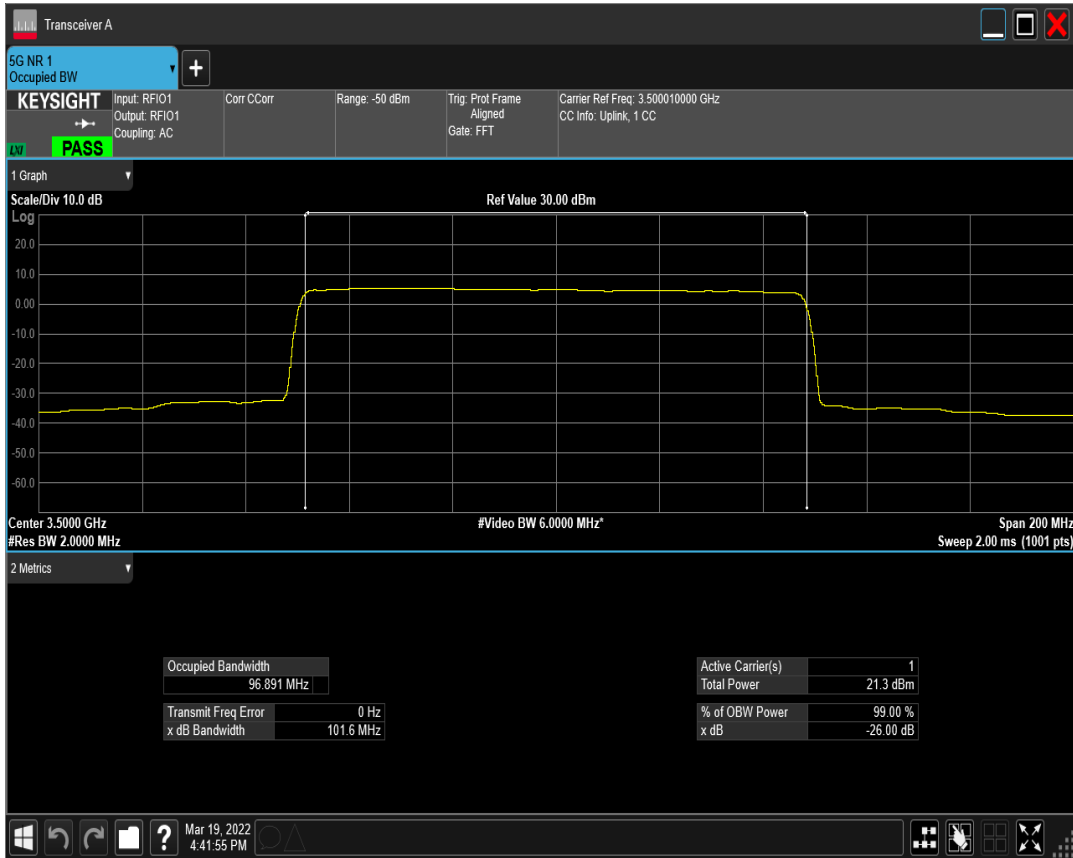
n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=100MHz Channel=633334 RB=270@0



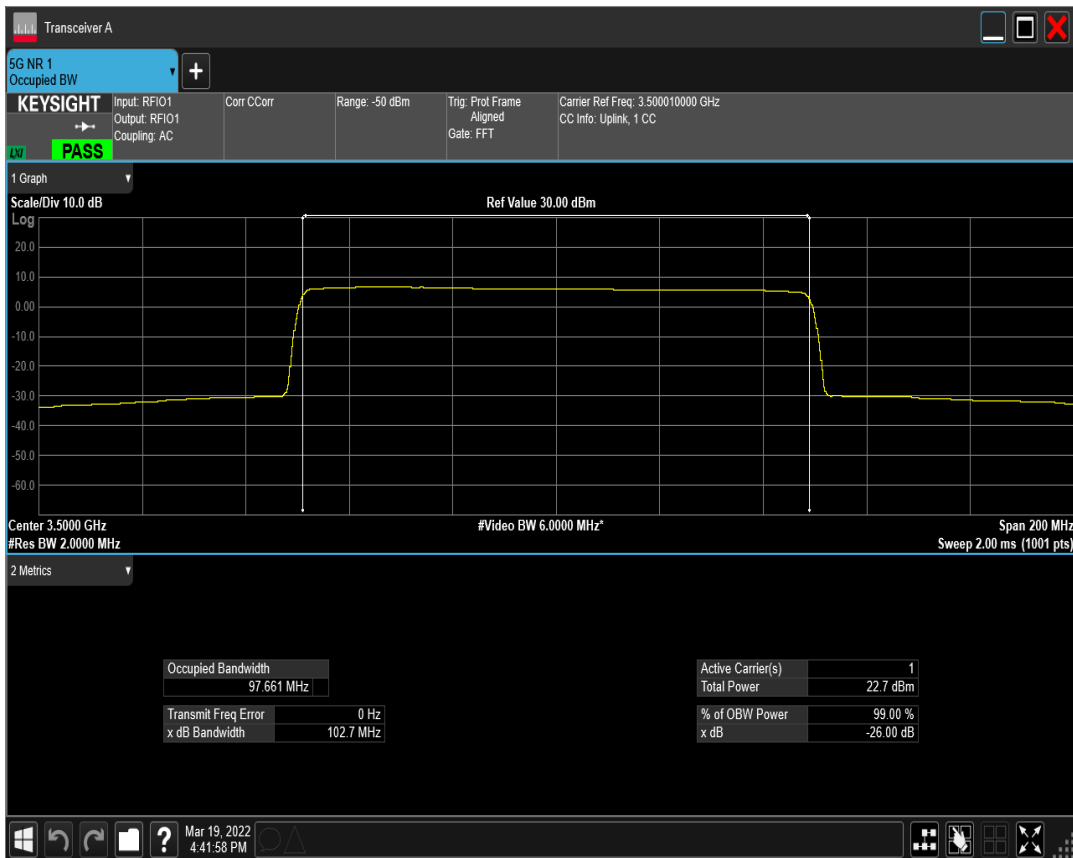
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=100MHz Channel=633334 RB=270@0



n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=100MHz Channel=633334 RB=270@0



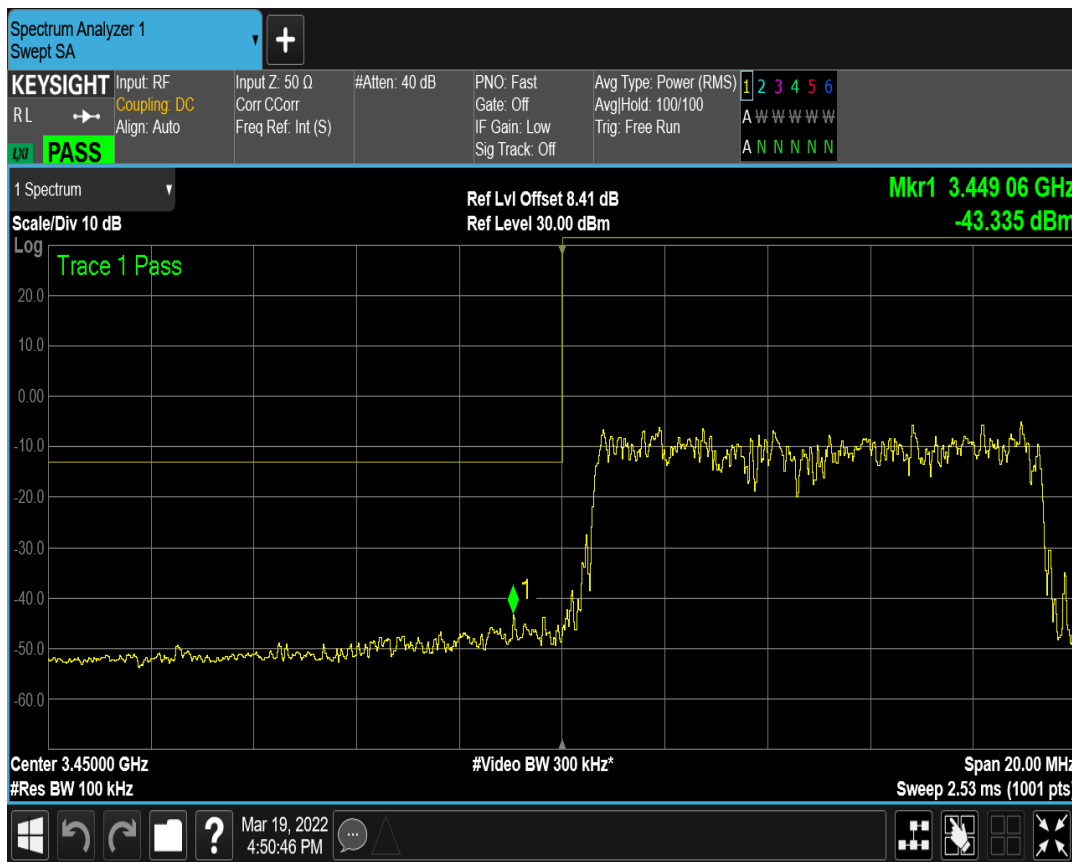
n77(3450-3550) SCS=30kHz CP\_QPSK BW=100MHz Channel=633334 RB=273@0



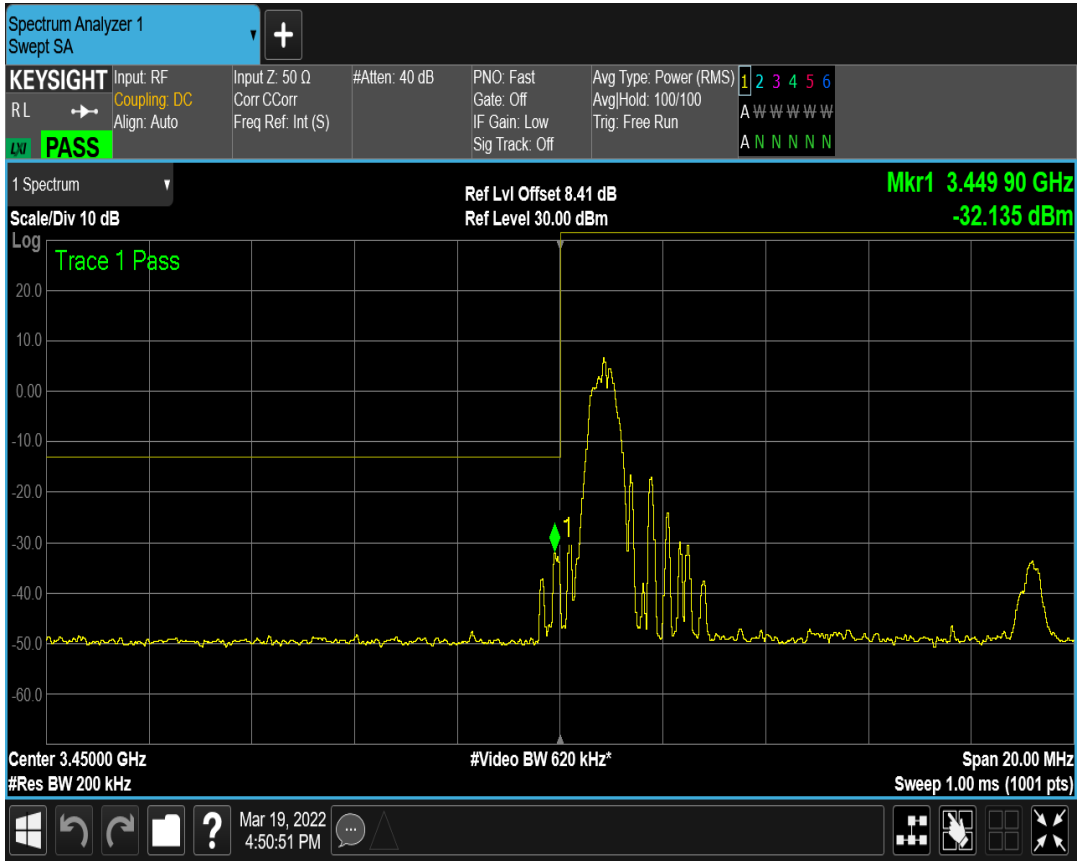
### 5. Band edge for NR FR1

| Band           | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|----------------|-----------|-----------------|------------|---------------|------------|-----------------|------------------|-------------|---------|
| n77(3450-3550) | 30        | 10              | 630334     | 24@0          | DFT_QPSK   | 3449.06         | -43.33           | -13         | PASS    |
| n77(3450-3550) | 30        | 10              | 630334     | 1@0           | DFT_QPSK   | 3449.90         | -32.13           | -13         | PASS    |
| n77(3450-3550) | 30        | 10              | 636332     | 24@0          | DFT_QPSK   | 3550.02         | -38.44           | -13         | PASS    |
| n77(3450-3550) | 30        | 10              | 636332     | 1@23          | DFT_QPSK   | 3550.08         | -32.01           | -13         | PASS    |
| n77(3450-3550) | 30        | 100             | 633334     | 270@0         | DFT_QPSK   | 3450.00         | -29.21           | -13         | PASS    |
| n77(3450-3550) | 30        | 100             | 633334     | 1@0           | DFT_QPSK   | 3450.00         | -29.13           | -13         | PASS    |

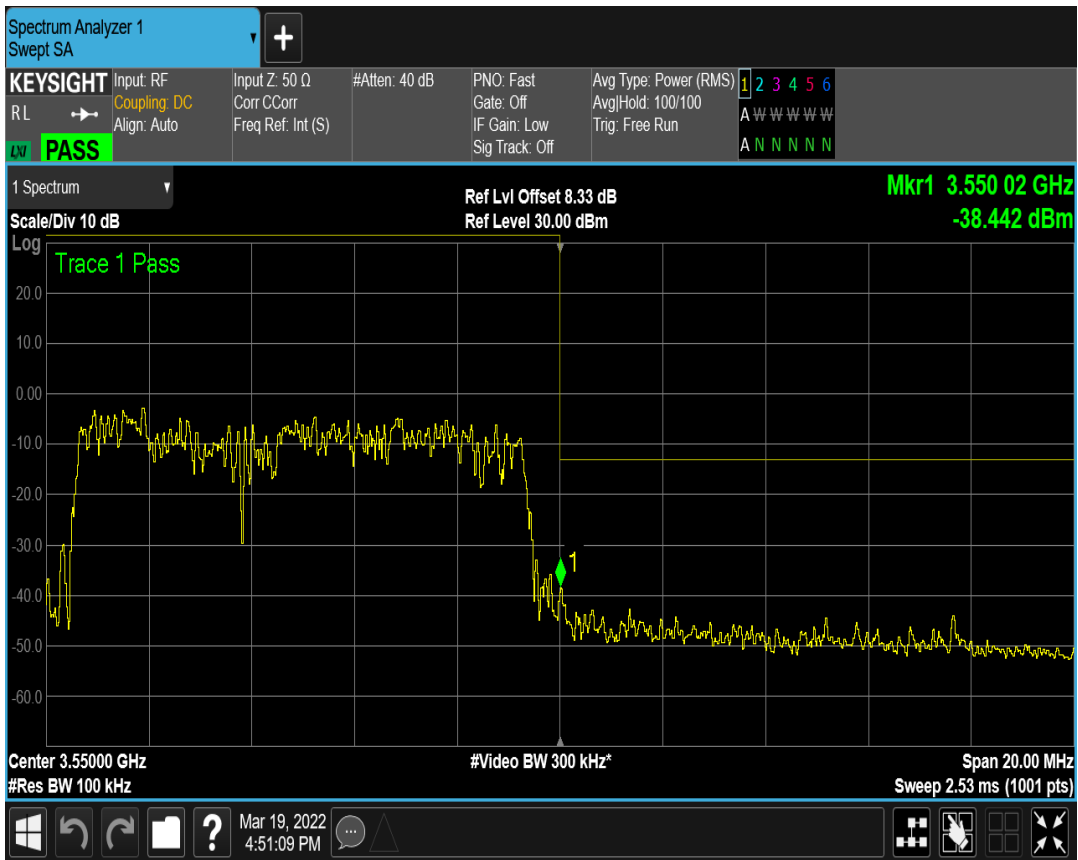
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=630334 RB=24@0



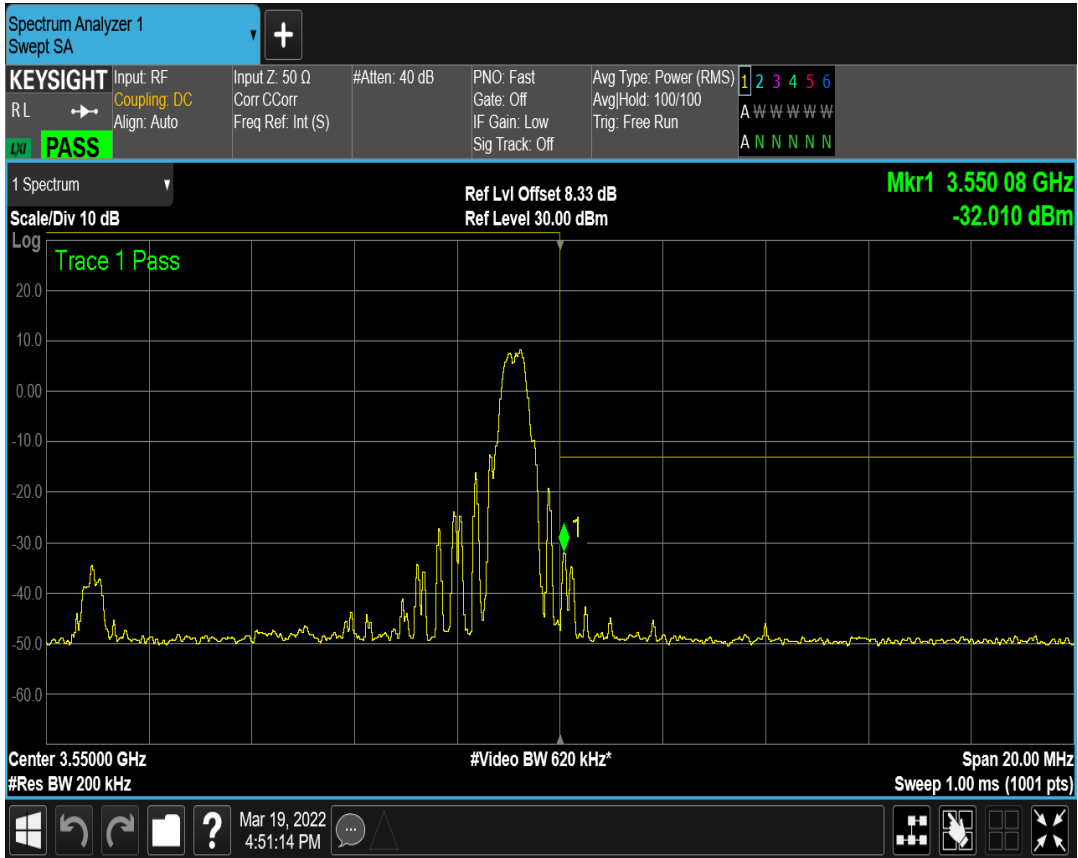
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=630334 RB=1@0



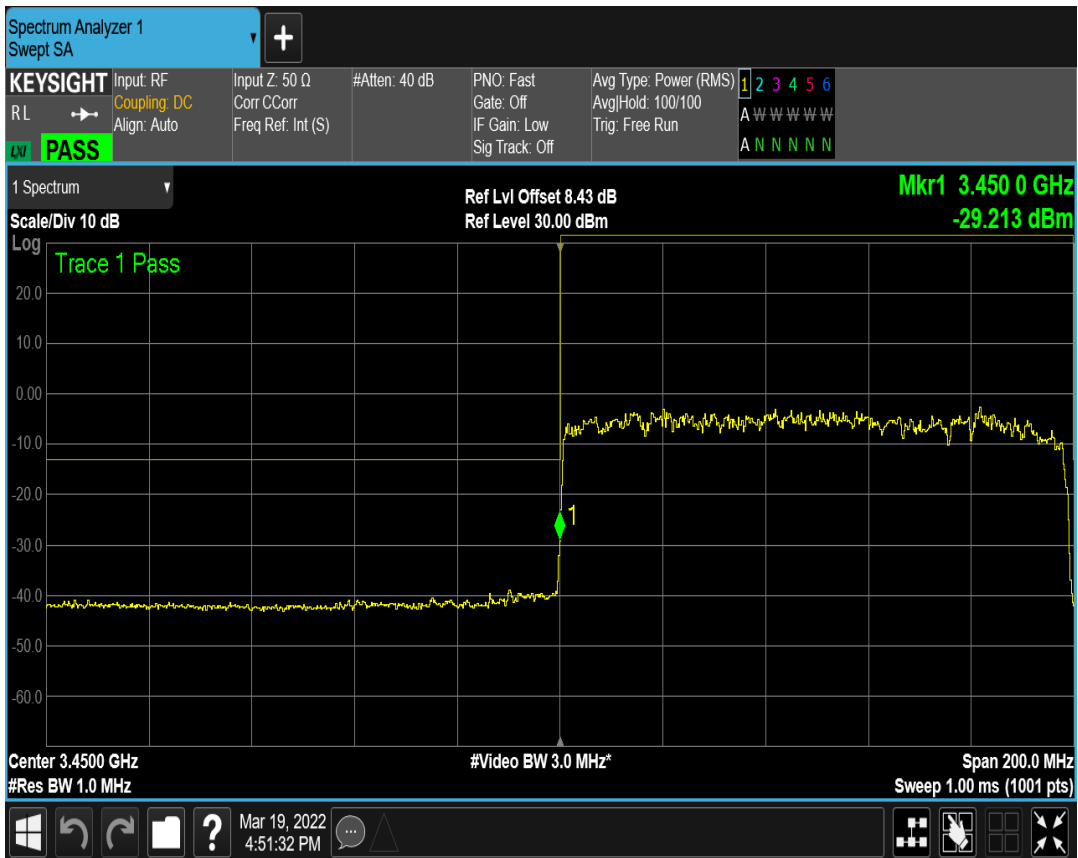
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=636332 RB=24@0



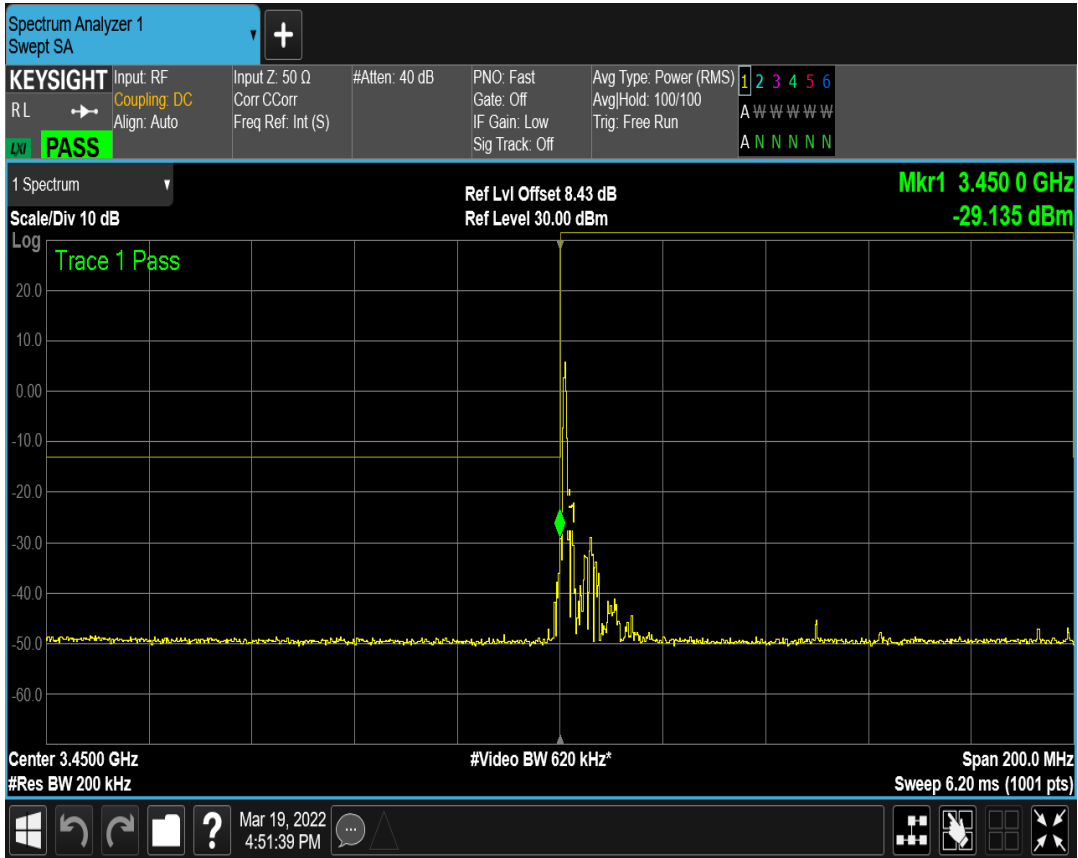
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=636332 RB=1@23



n77(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633334 RB=270@0



n77(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633334 RB=1@0

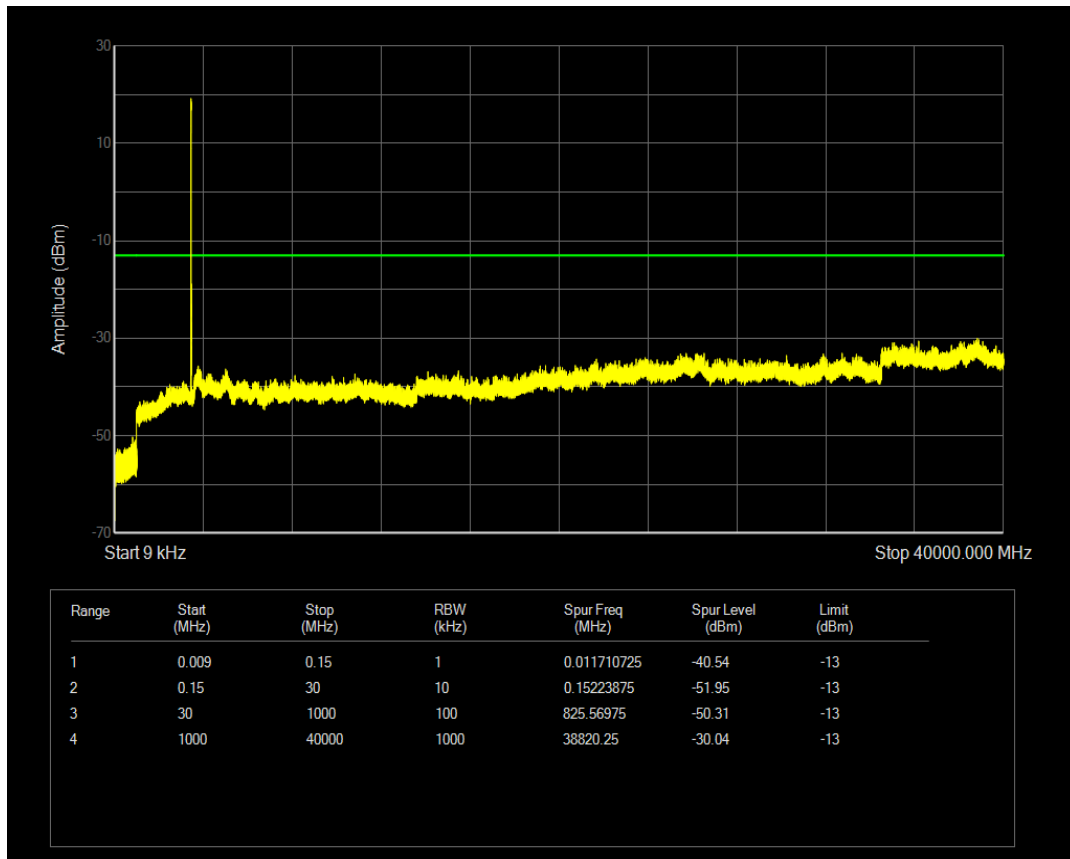




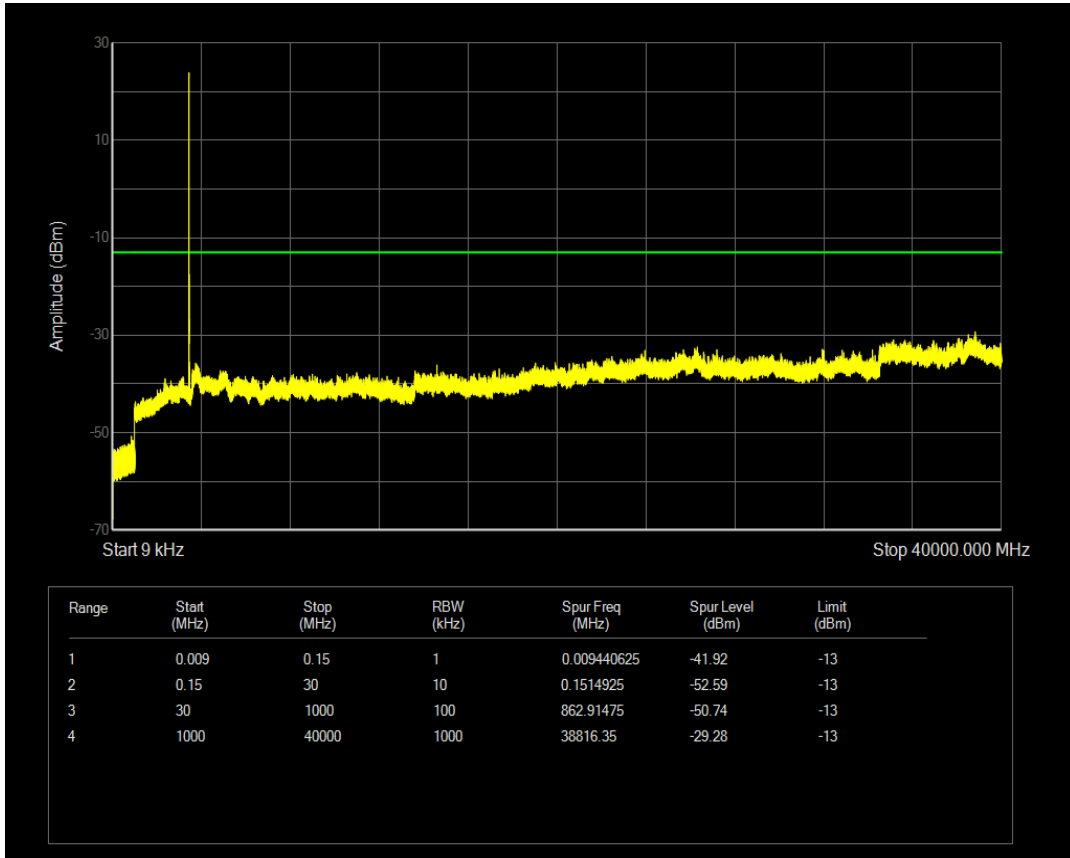
## 6. Out-of-band emissions for NR FR1

| Band           | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|----------------|-----------|-----------------|------------|---------------|------------|-----------------|------------------|-------------|---------|
| n77(3450-3550) | 30        | 10              | 630334     | 24@0          | DFT_QPSK   | 38820.25        | -30.04           | -13         | PASS    |
| n77(3450-3550) | 30        | 10              | 630334     | 1@0           | DFT_QPSK   | 38816.35        | -29.28           | -13         | PASS    |
| n77(3450-3550) | 30        | 10              | 630334     | 1@23          | DFT_QPSK   | 38397.10        | -29.91           | -13         | PASS    |
| n77(3450-3550) | 30        | 10              | 633334     | 24@0          | DFT_QPSK   | 38657.43        | -29.74           | -13         | PASS    |
| n77(3450-3550) | 30        | 10              | 633334     | 1@0           | DFT_QPSK   | 38789.05        | -30.17           | -13         | PASS    |
| n77(3450-3550) | 30        | 10              | 633334     | 1@23          | DFT_QPSK   | 38870.95        | -30.30           | -13         | PASS    |
| n77(3450-3550) | 30        | 10              | 636332     | 24@0          | DFT_QPSK   | 35036.28        | -29.90           | -13         | PASS    |
| n77(3450-3550) | 30        | 10              | 636332     | 1@0           | DFT_QPSK   | 38553.10        | -30.09           | -13         | PASS    |
| n77(3450-3550) | 30        | 10              | 636332     | 1@23          | DFT_QPSK   | 38839.75        | -29.60           | -13         | PASS    |
| n77(3450-3550) | 30        | 100             | 633334     | 270@0         | DFT_QPSK   | 38513.13        | -30.33           | -13         | PASS    |
| n77(3450-3550) | 30        | 100             | 633334     | 1@0           | DFT_QPSK   | 38941.15        | -29.80           | -13         | PASS    |
| n77(3450-3550) | 30        | 100             | 633334     | 1@272         | DFT_QPSK   | 38774.43        | -29.36           | -13         | PASS    |

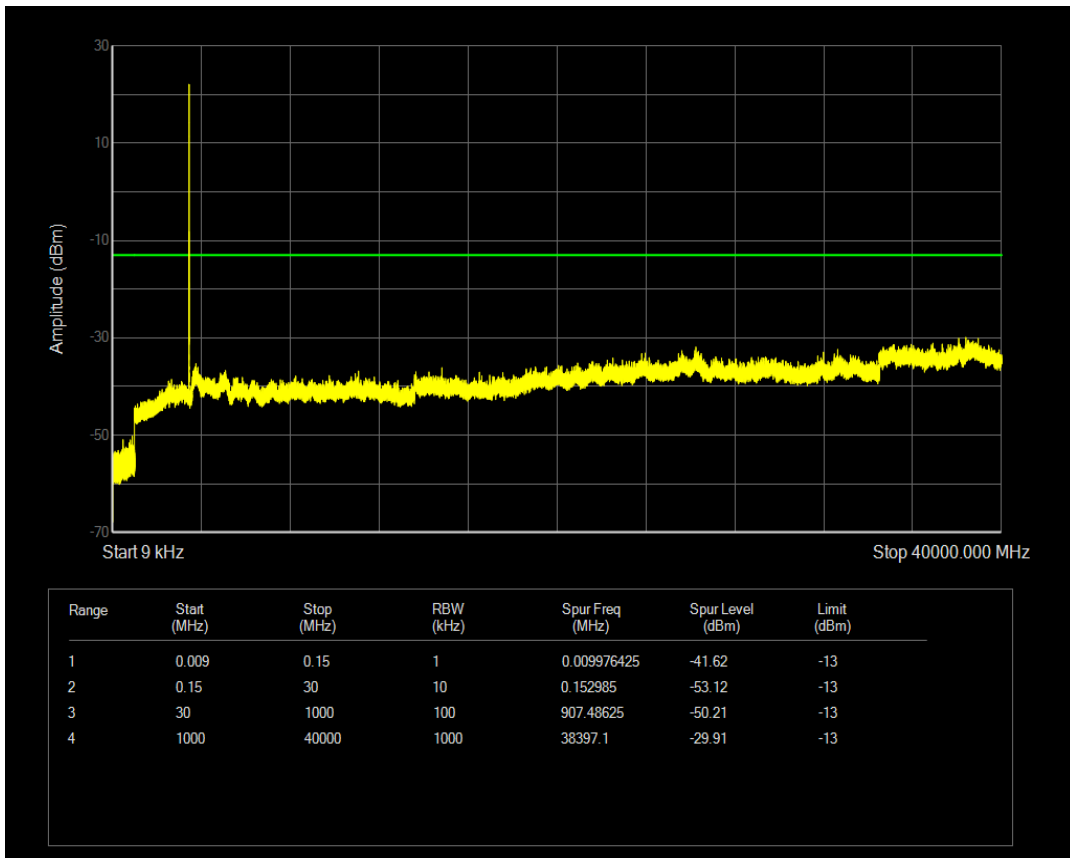
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=630334 RB=24@0



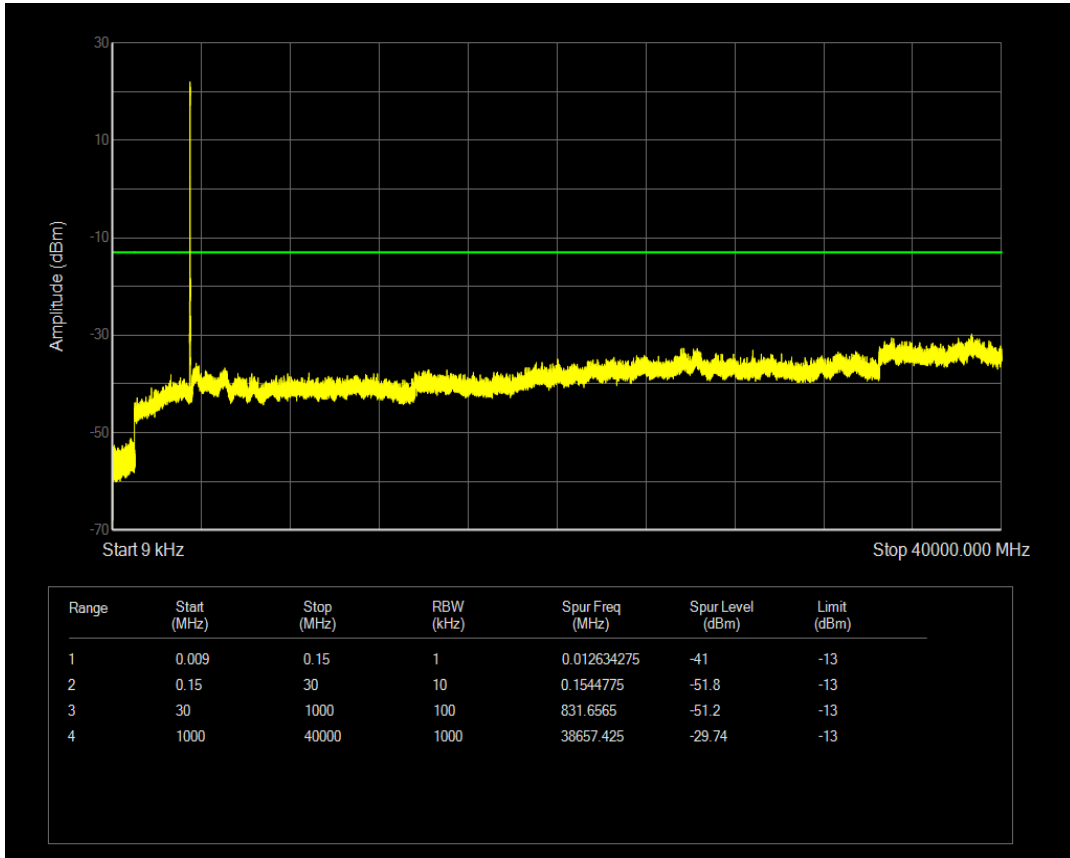
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=630334 RB=1@0



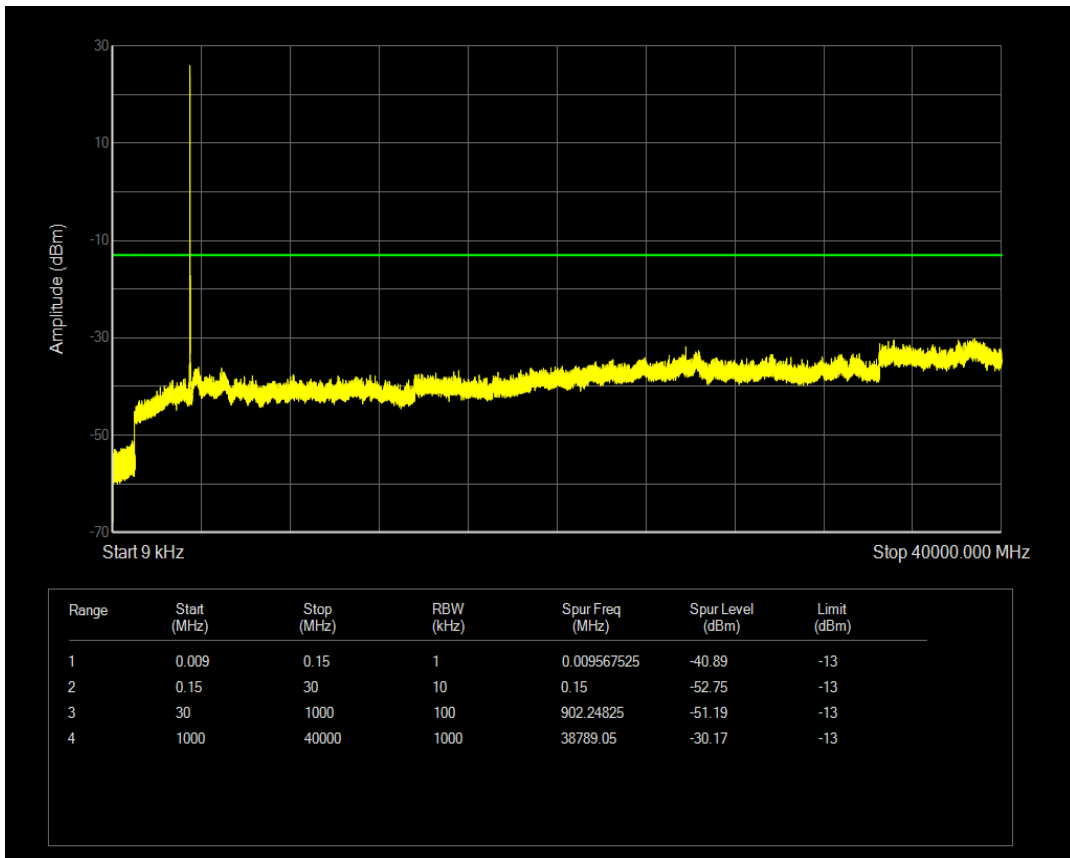
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=630334 RB=1@23



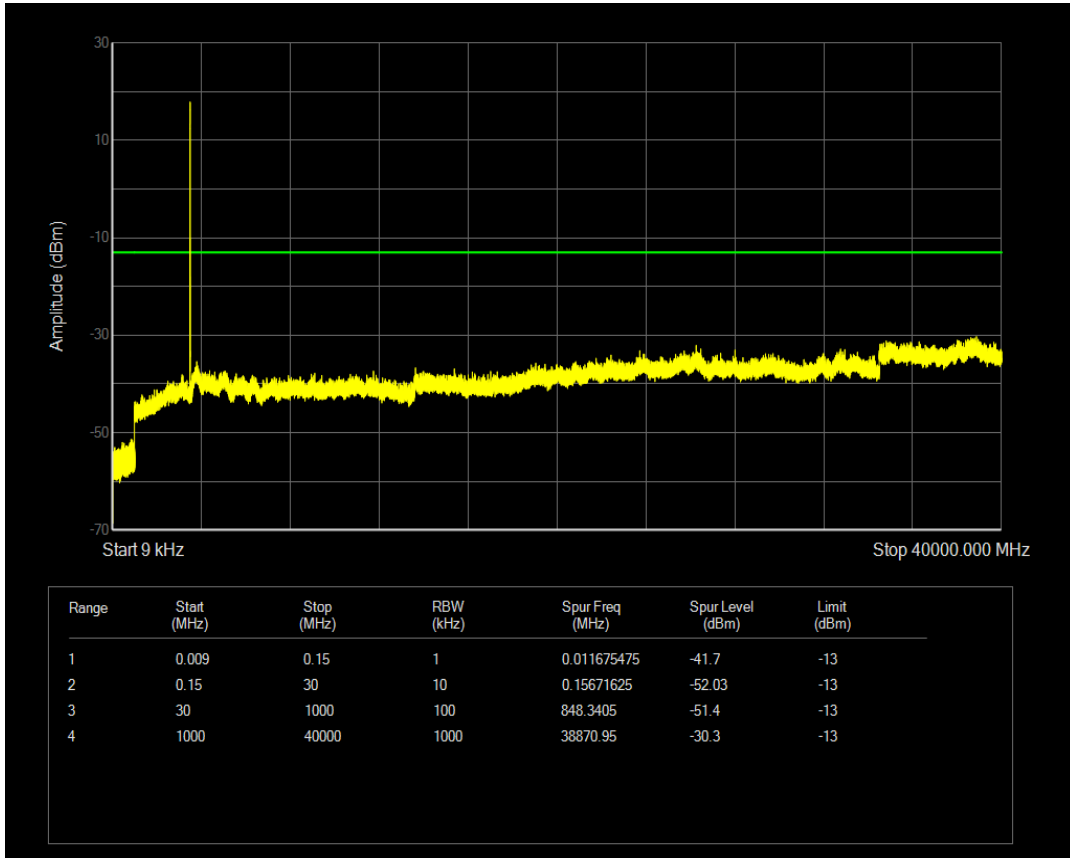
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=633334 RB=24@0



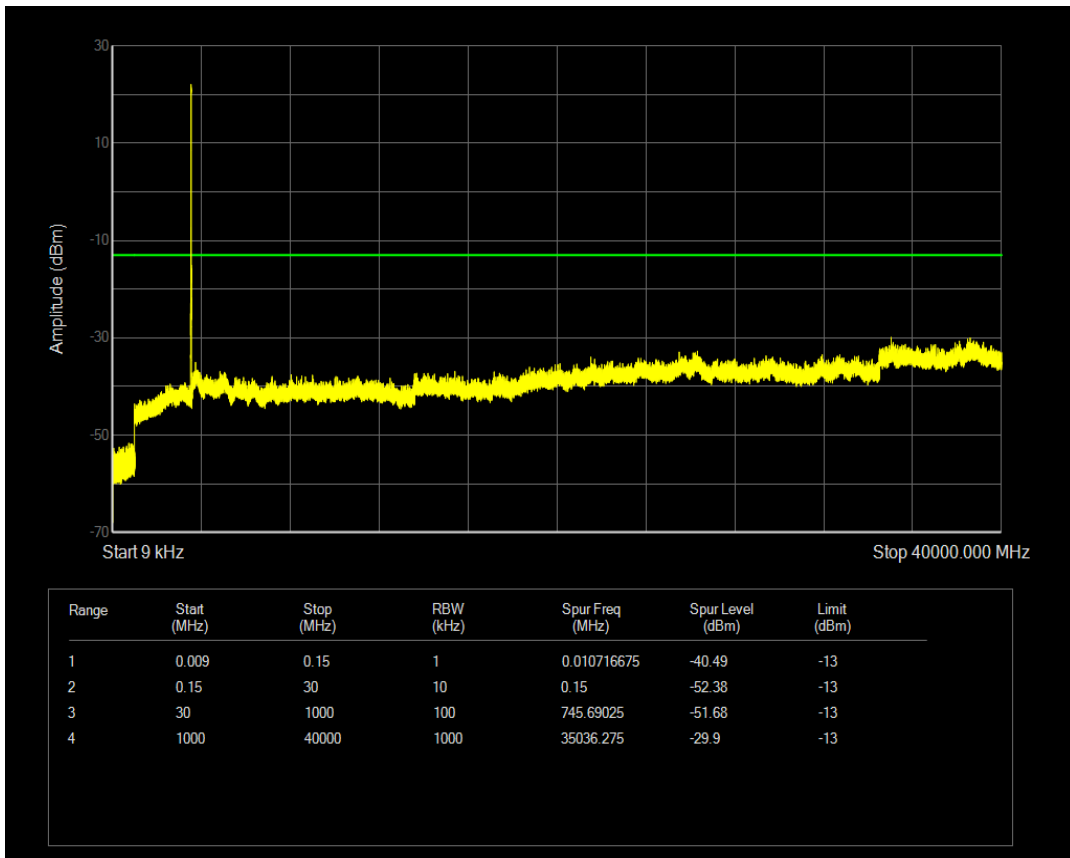
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=633334 RB=1@0



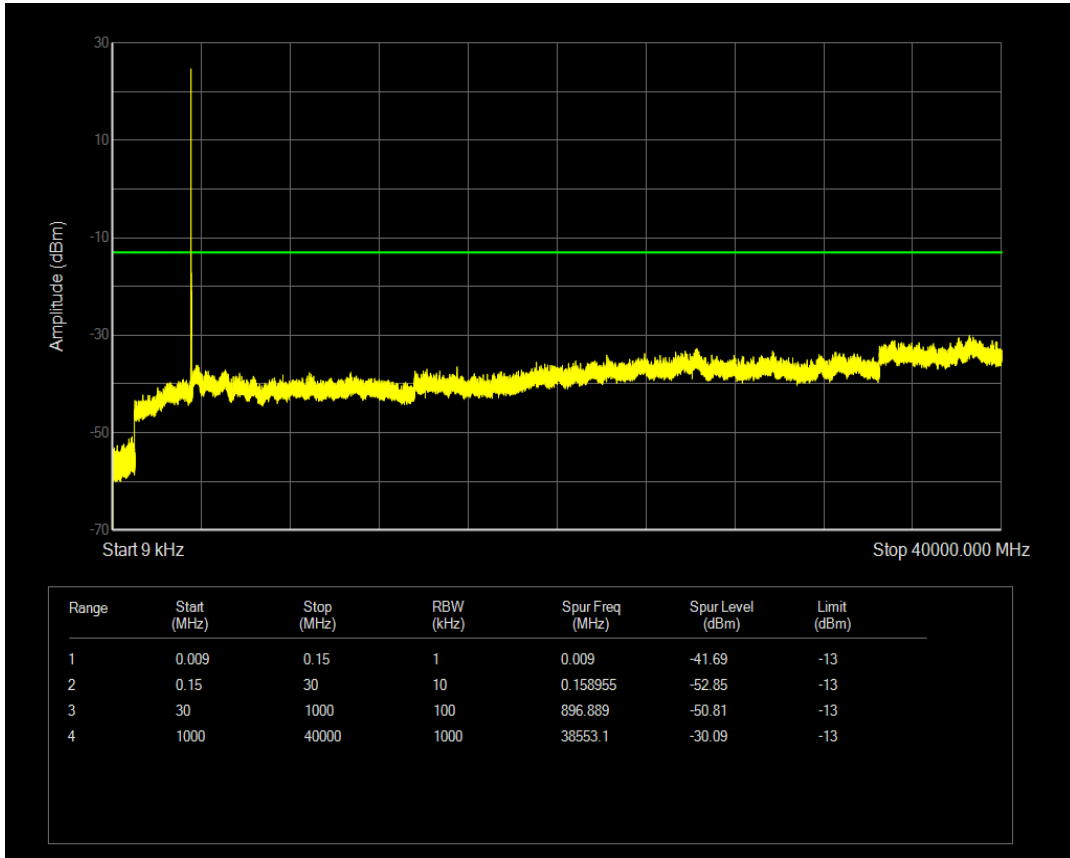
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=633334 RB=1@23



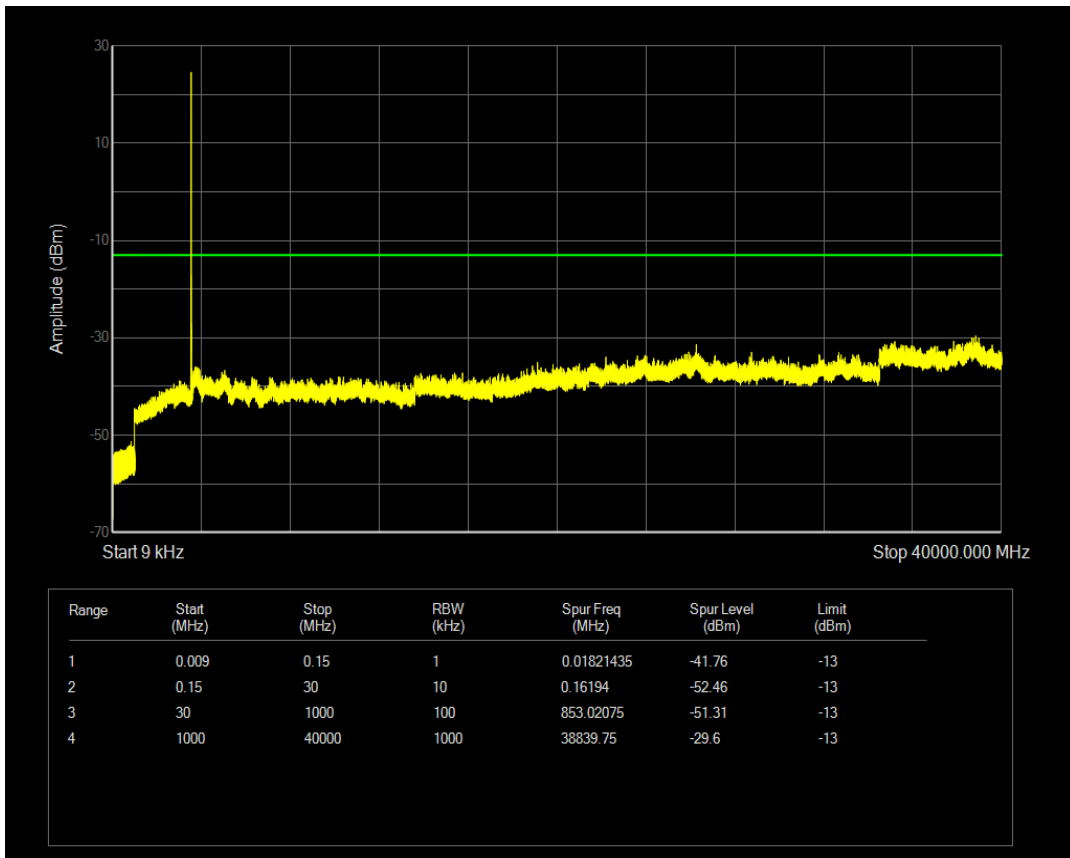
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=636332 RB=24@0



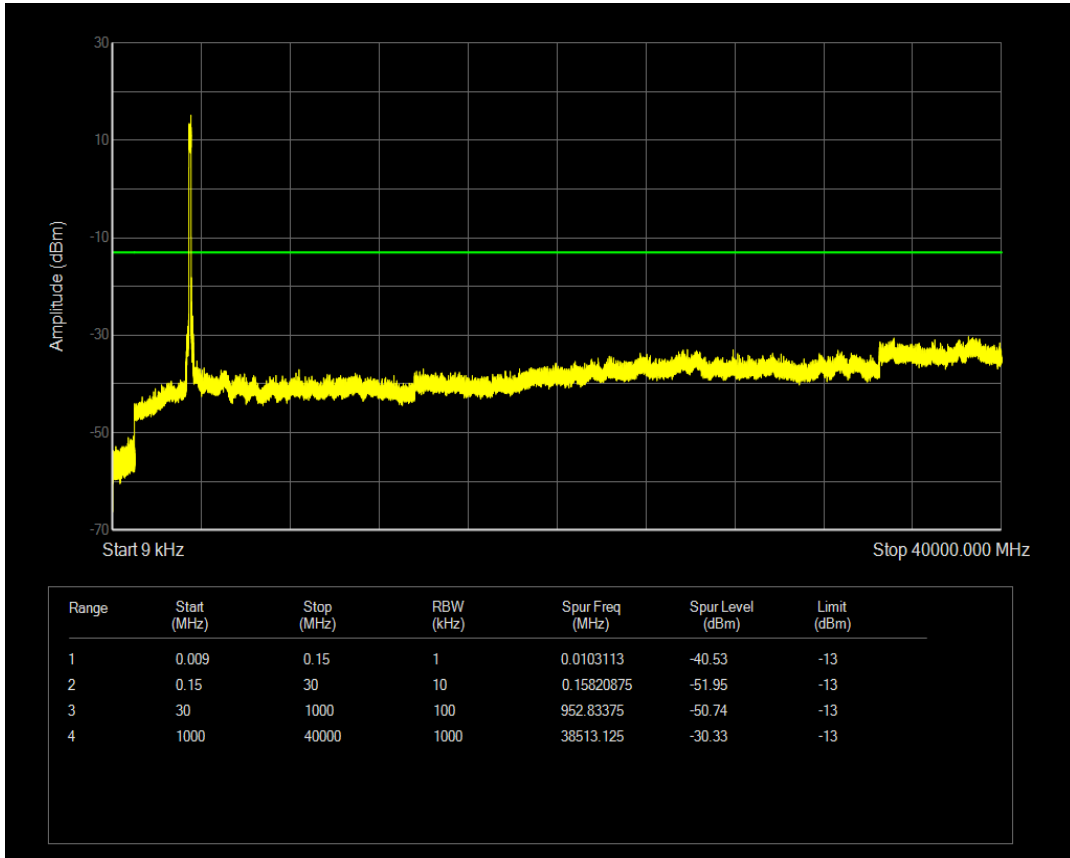
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=636332 RB=1@0



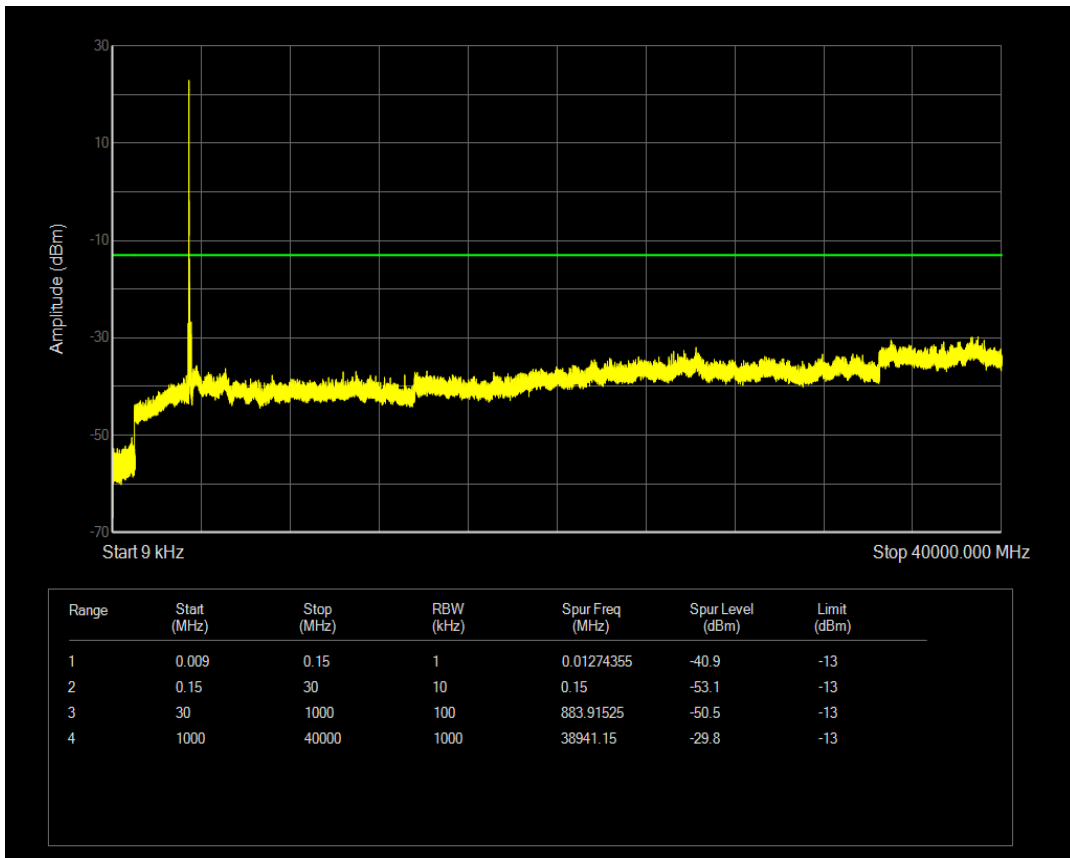
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=636332 RB=1@23



n77(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633334 RB=270@0



n77(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633334 RB=1@0



n77(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633334 RB=1@272

