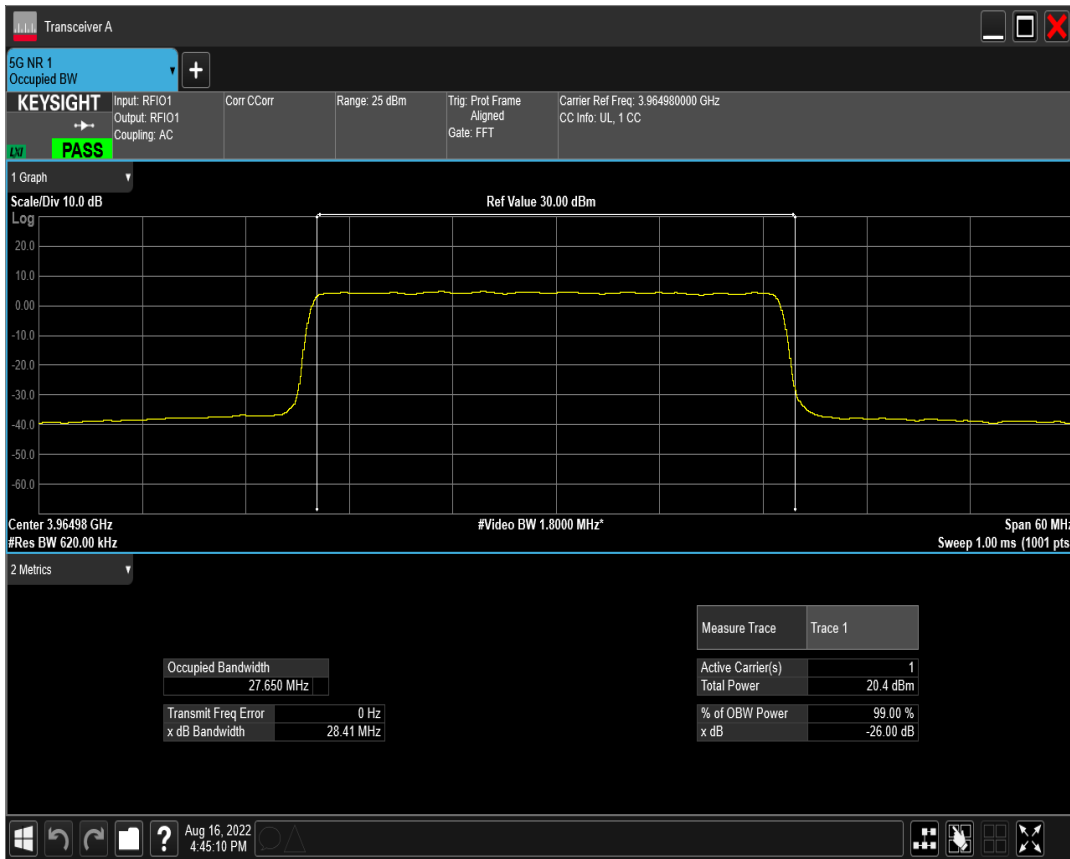
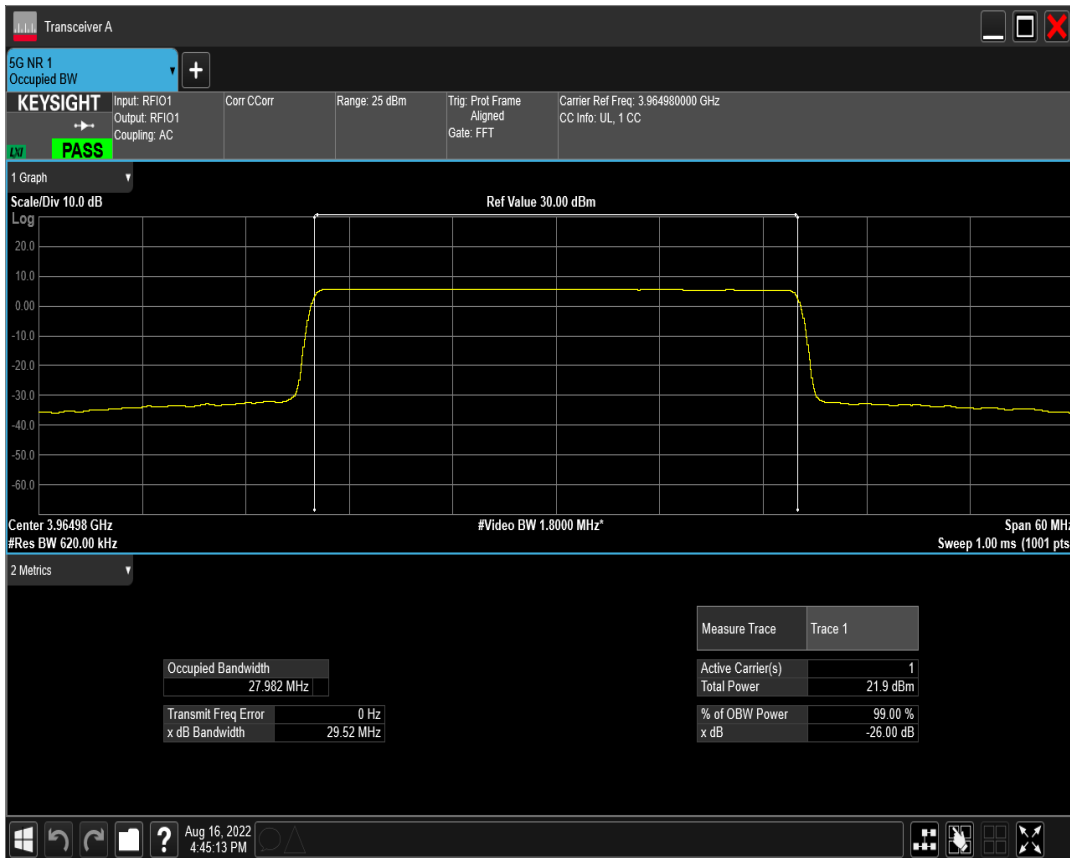


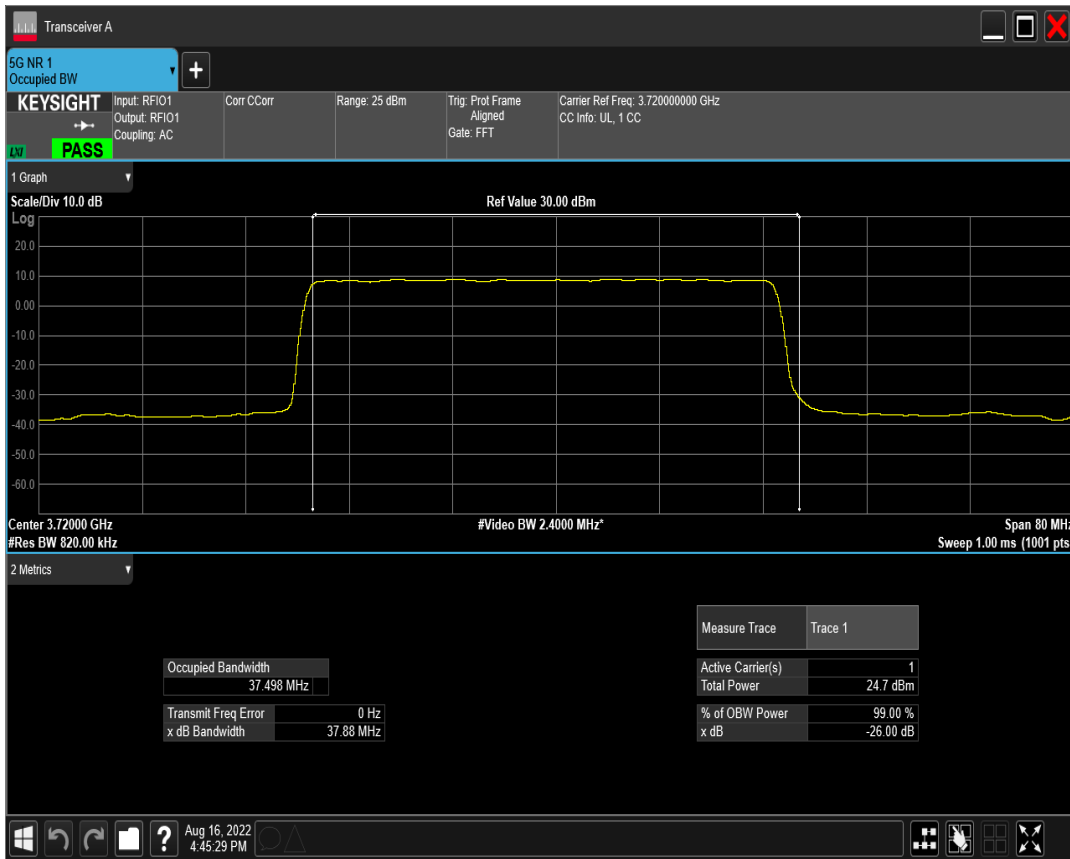
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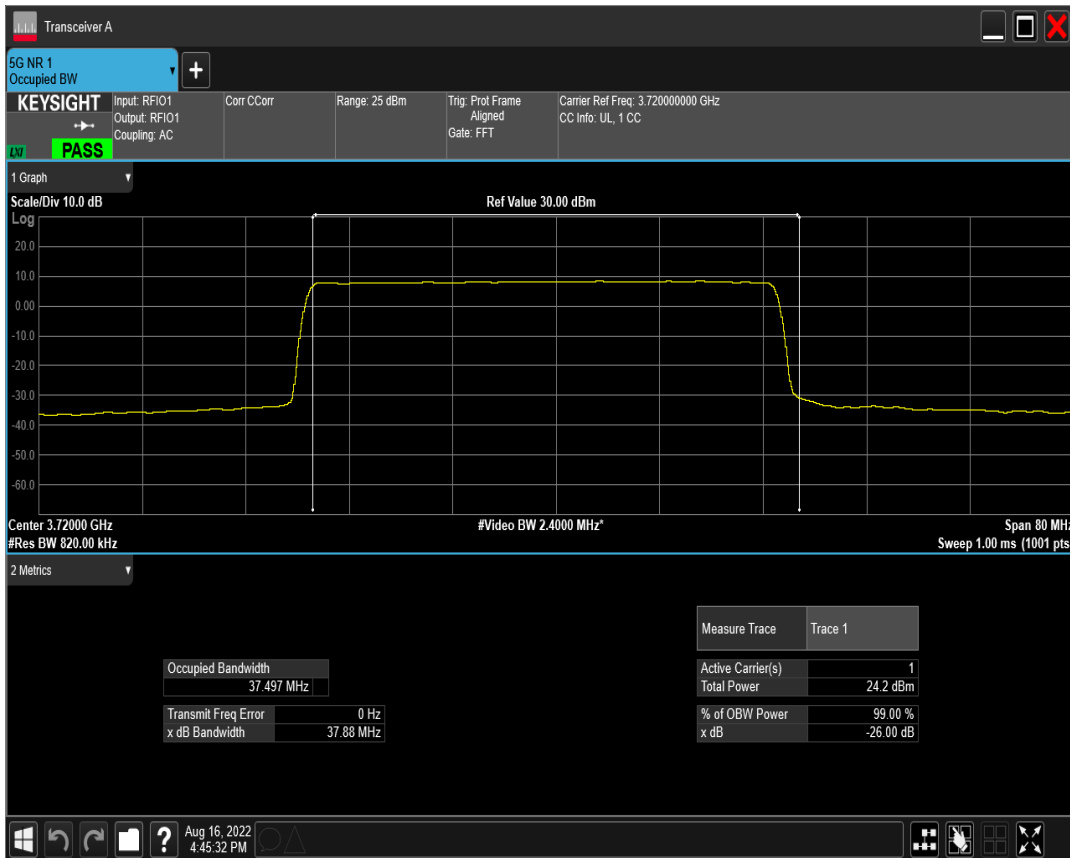
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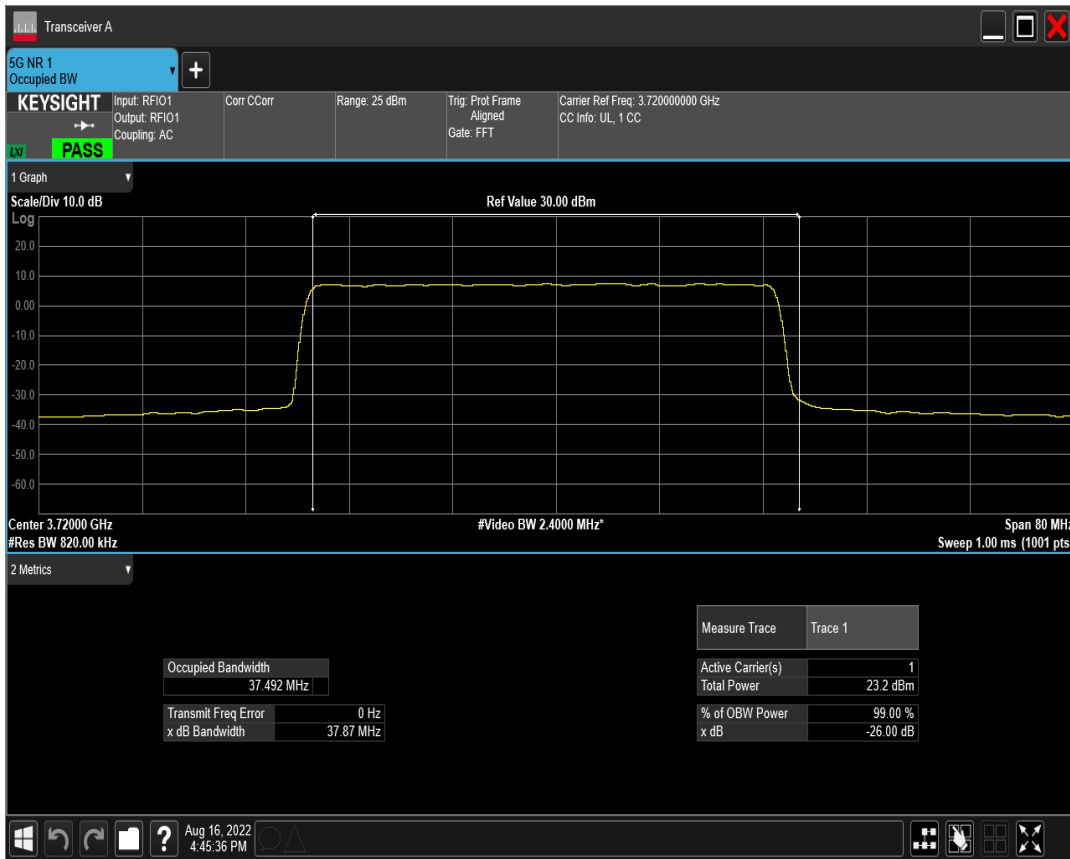
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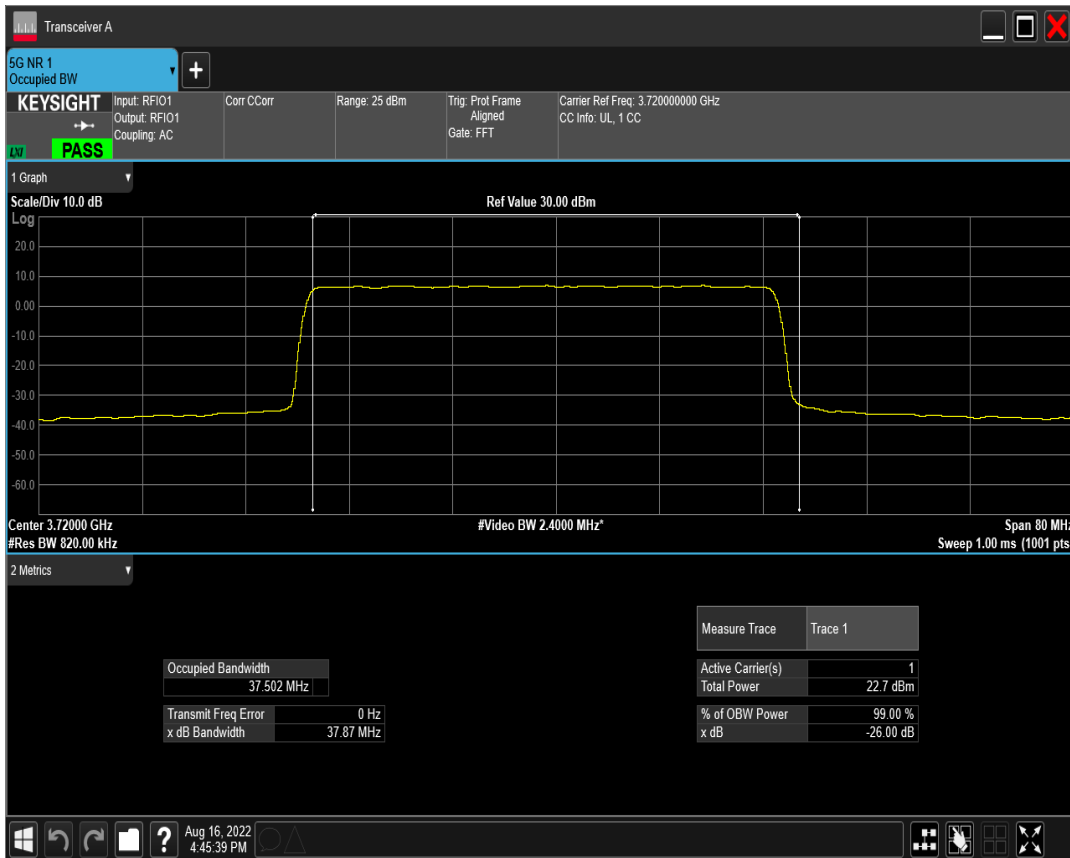
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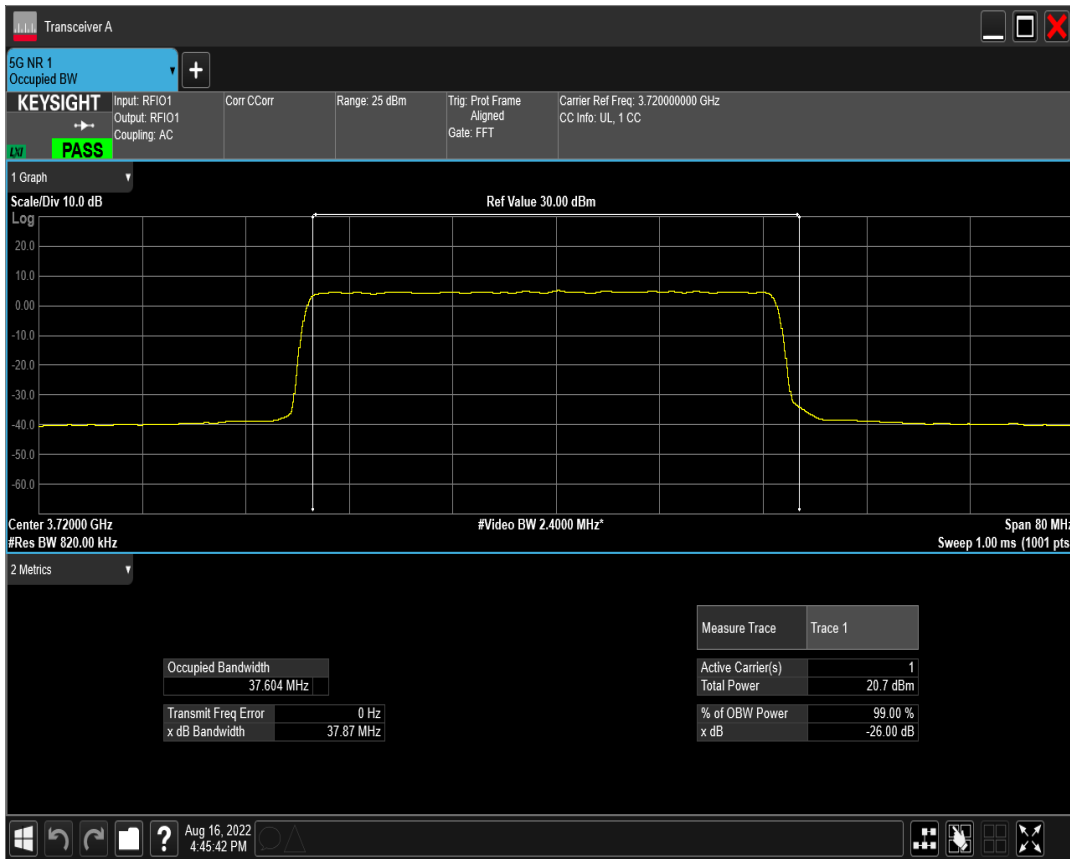
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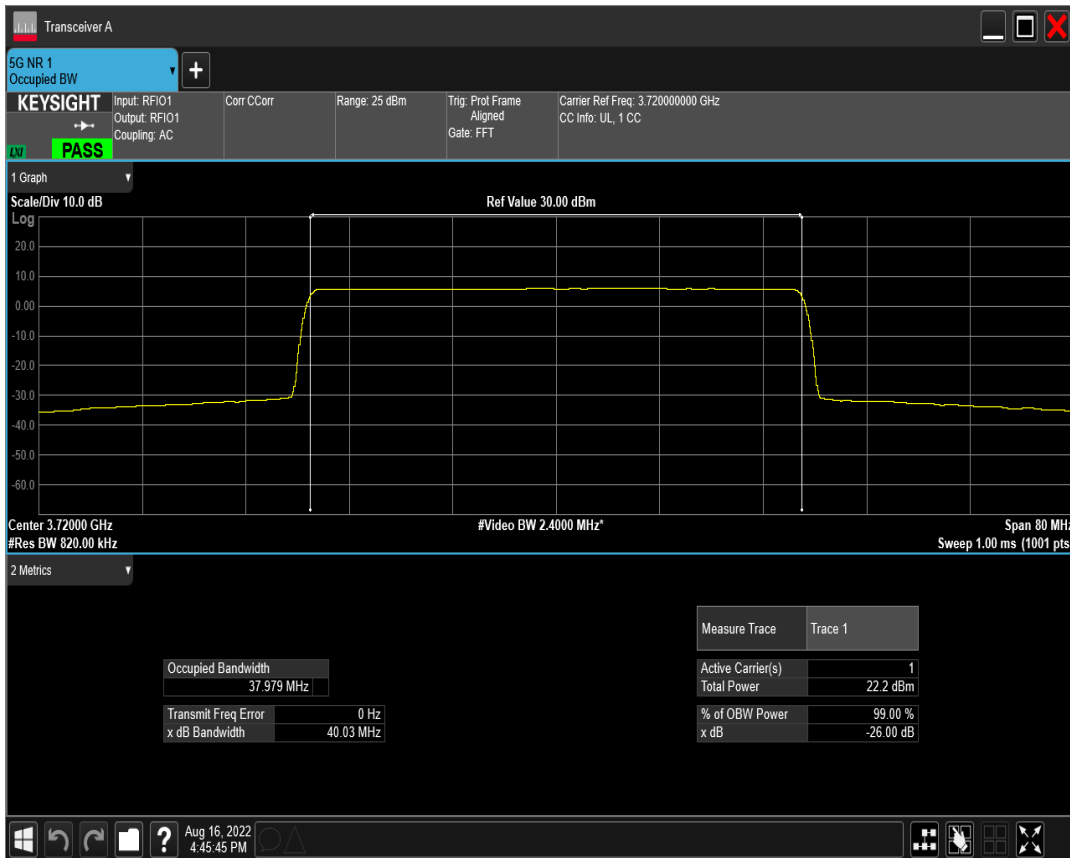
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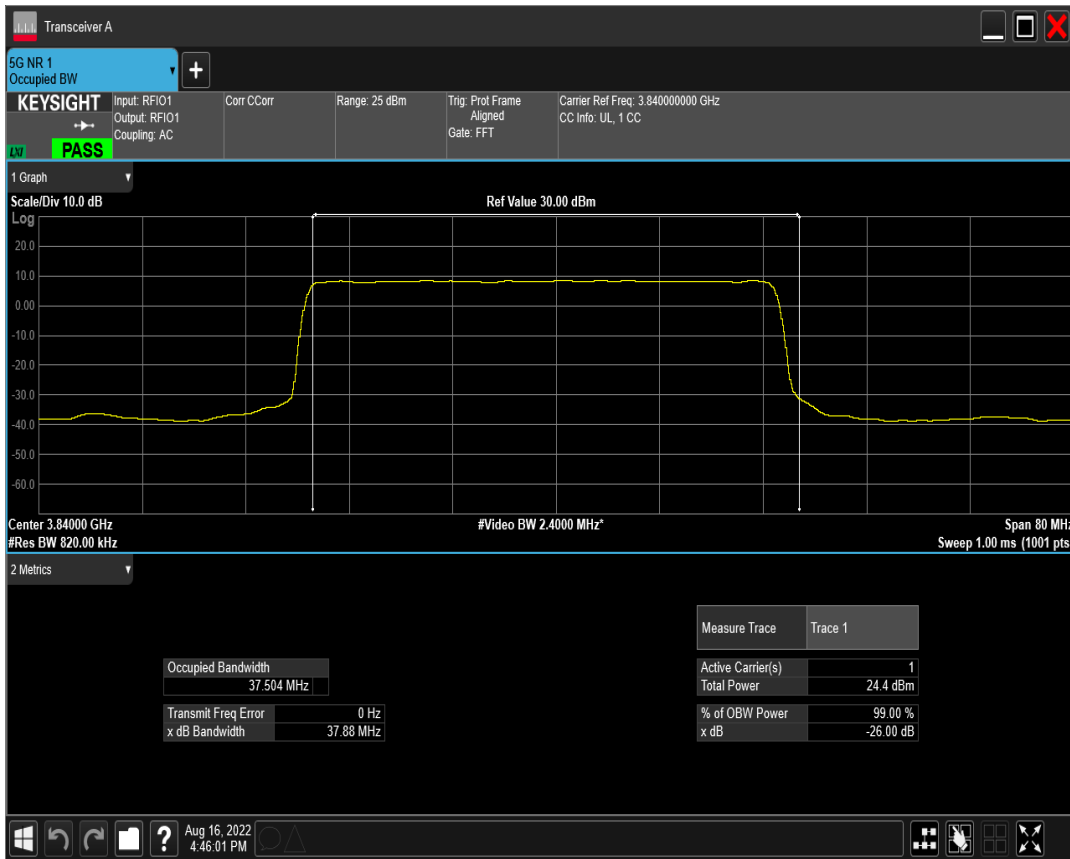
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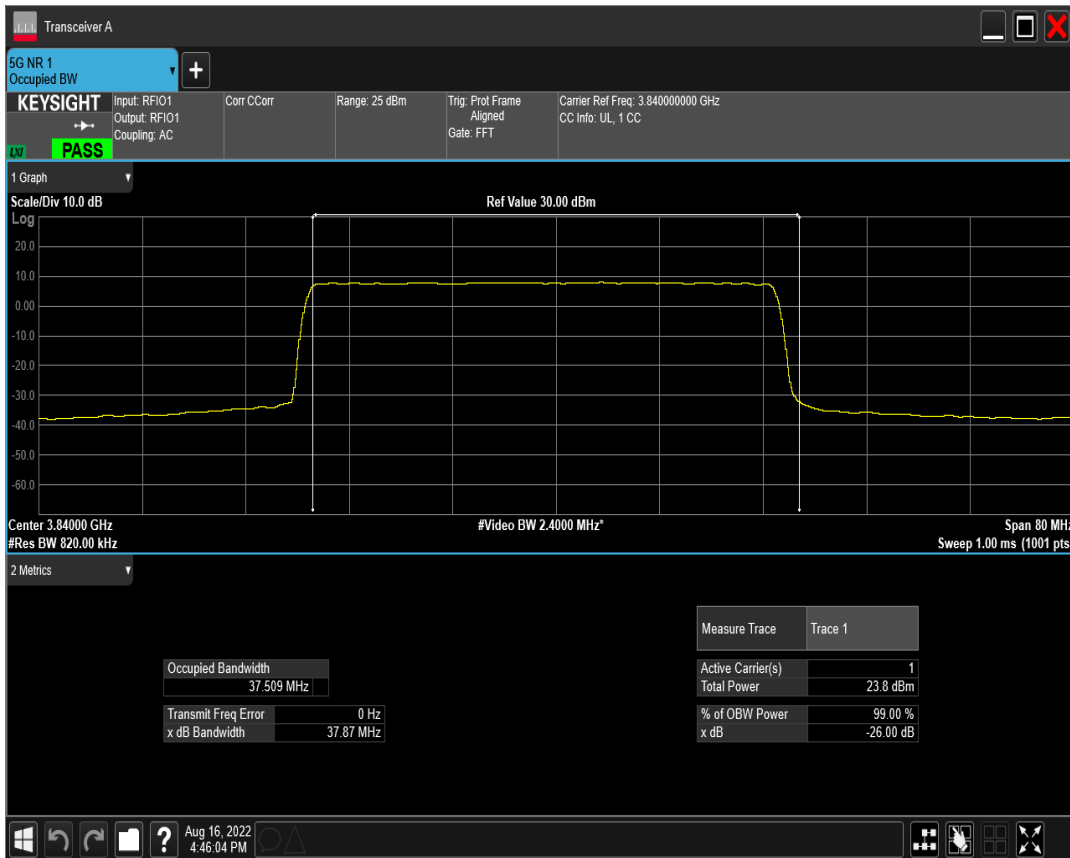
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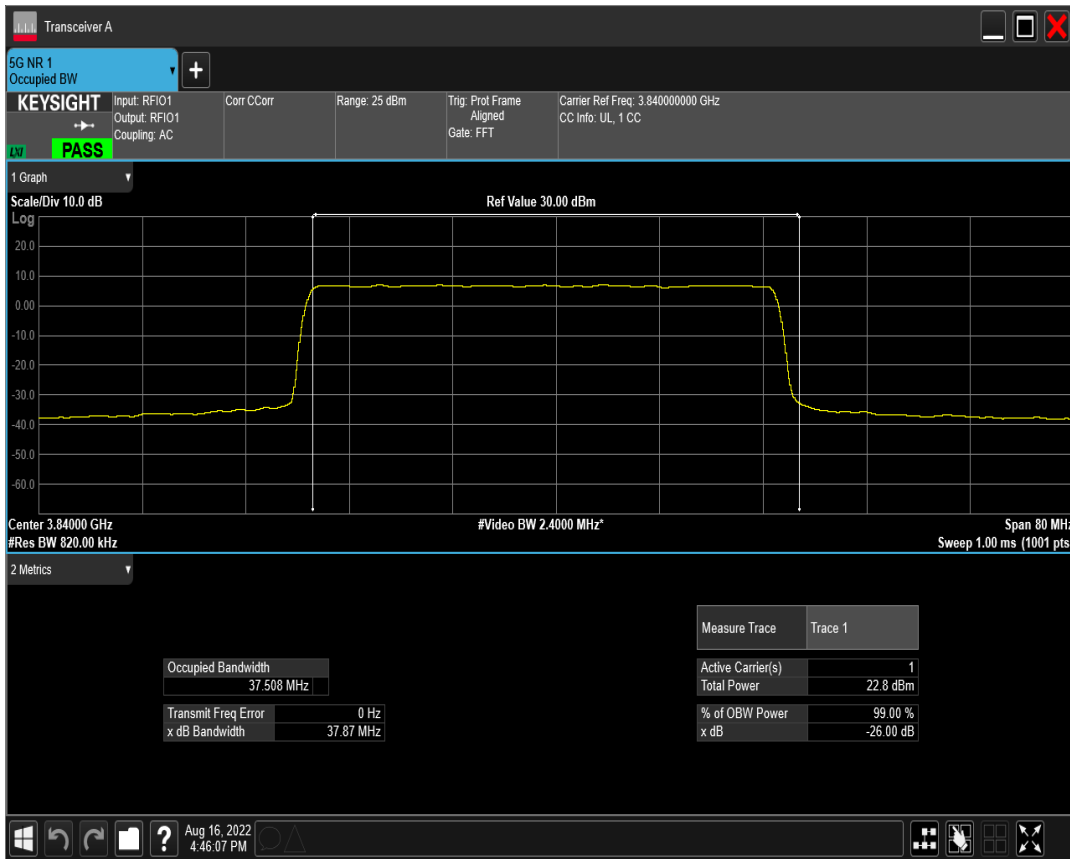
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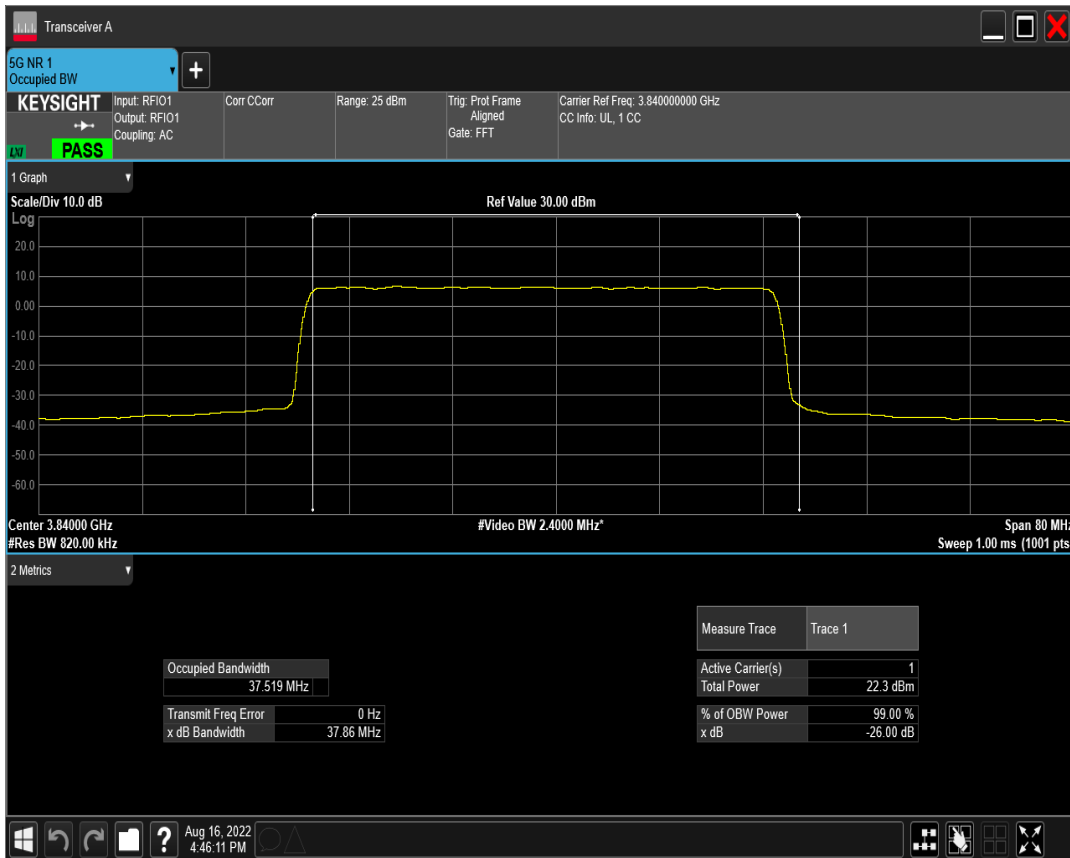
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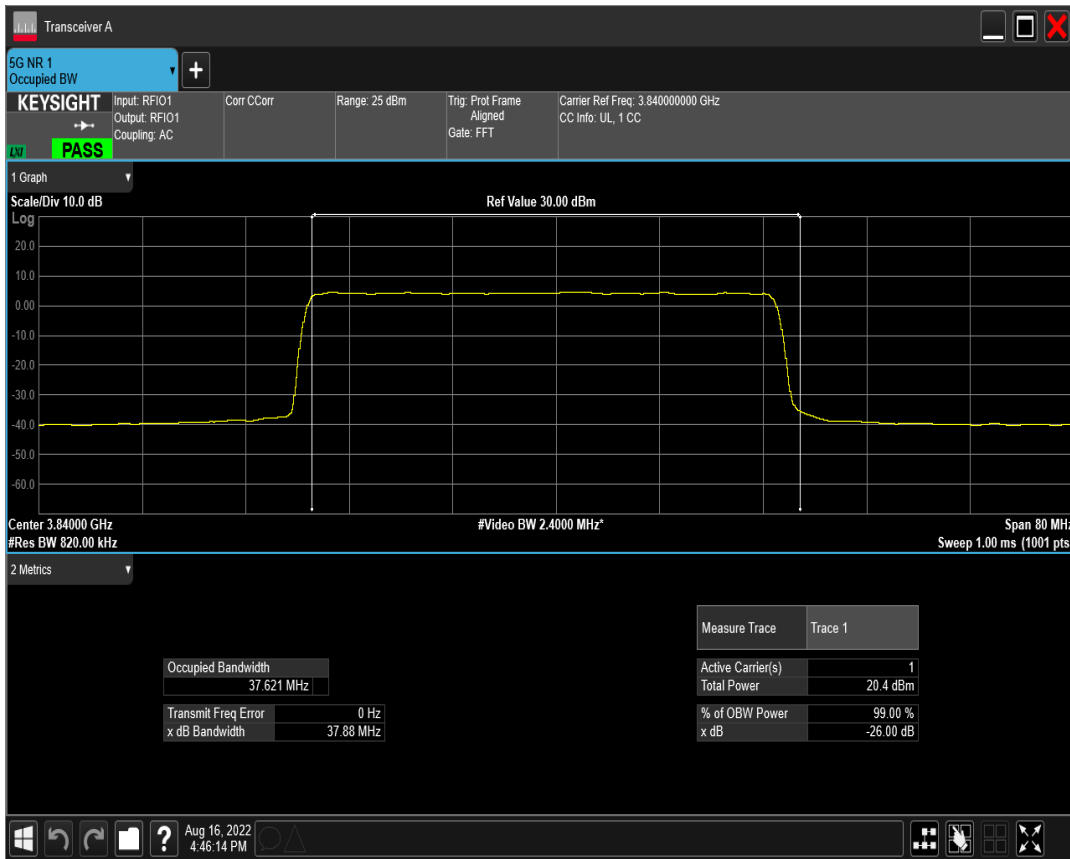
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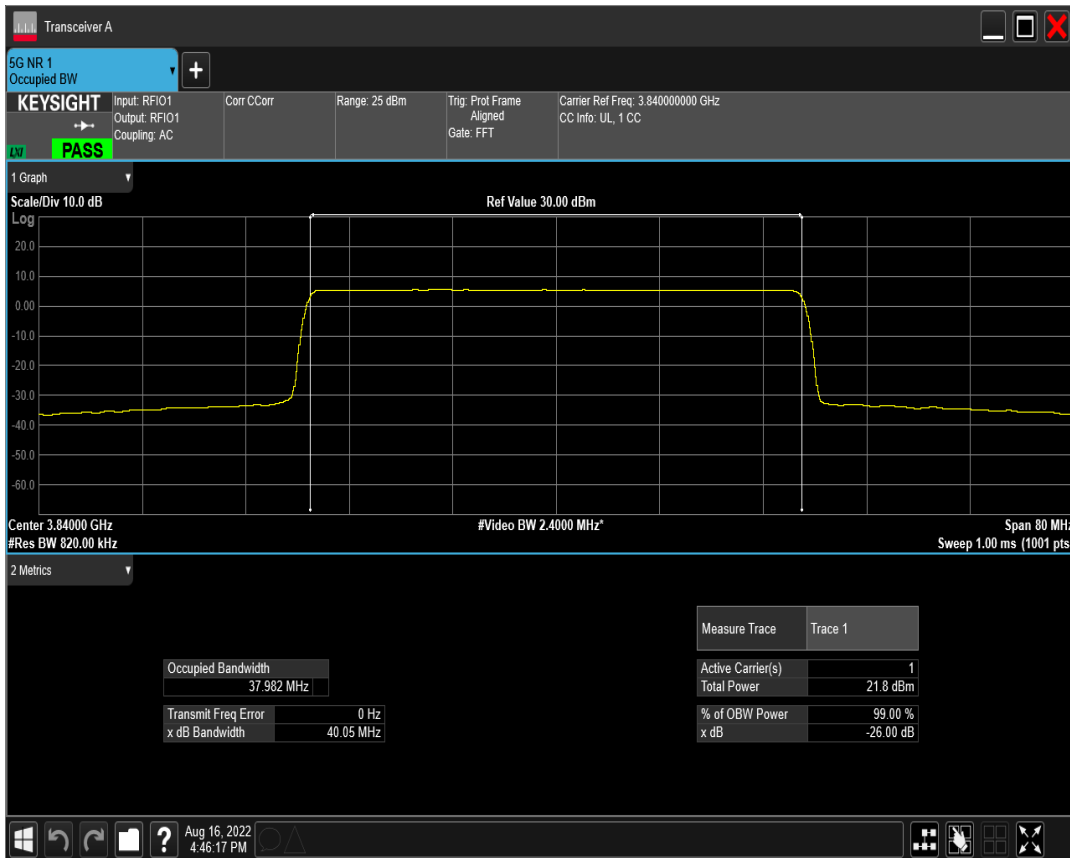
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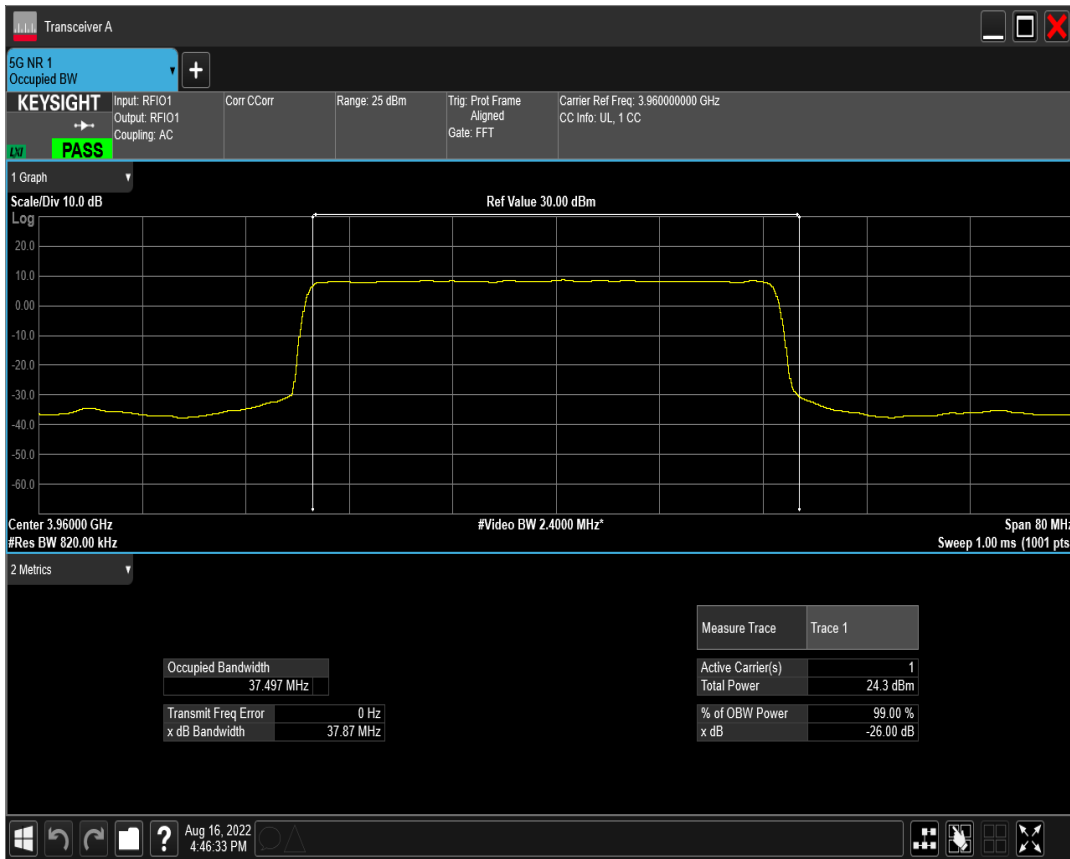
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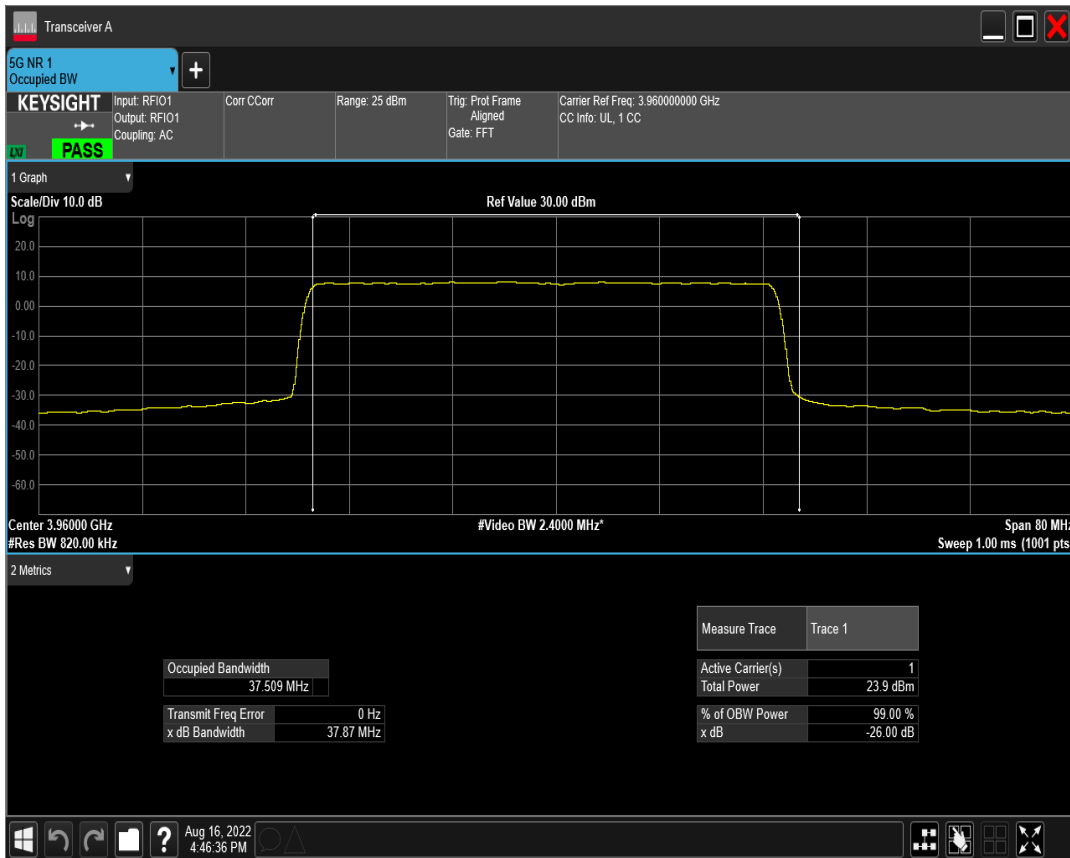
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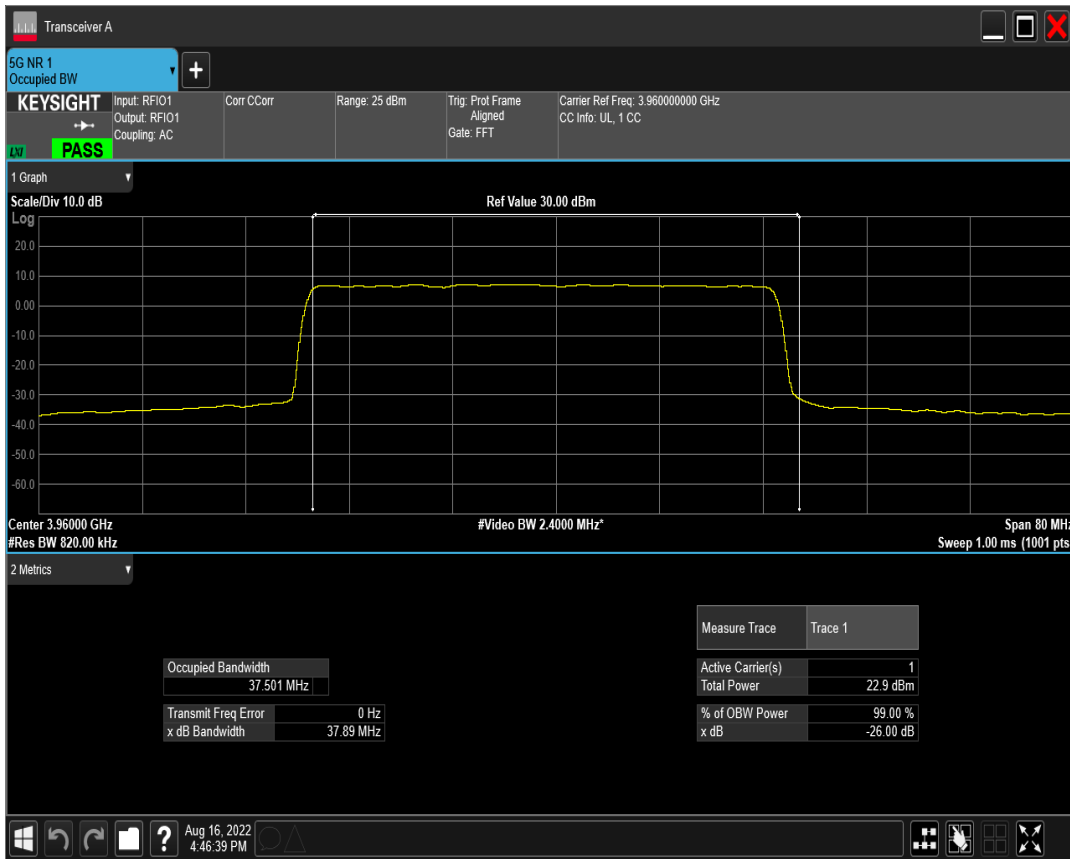
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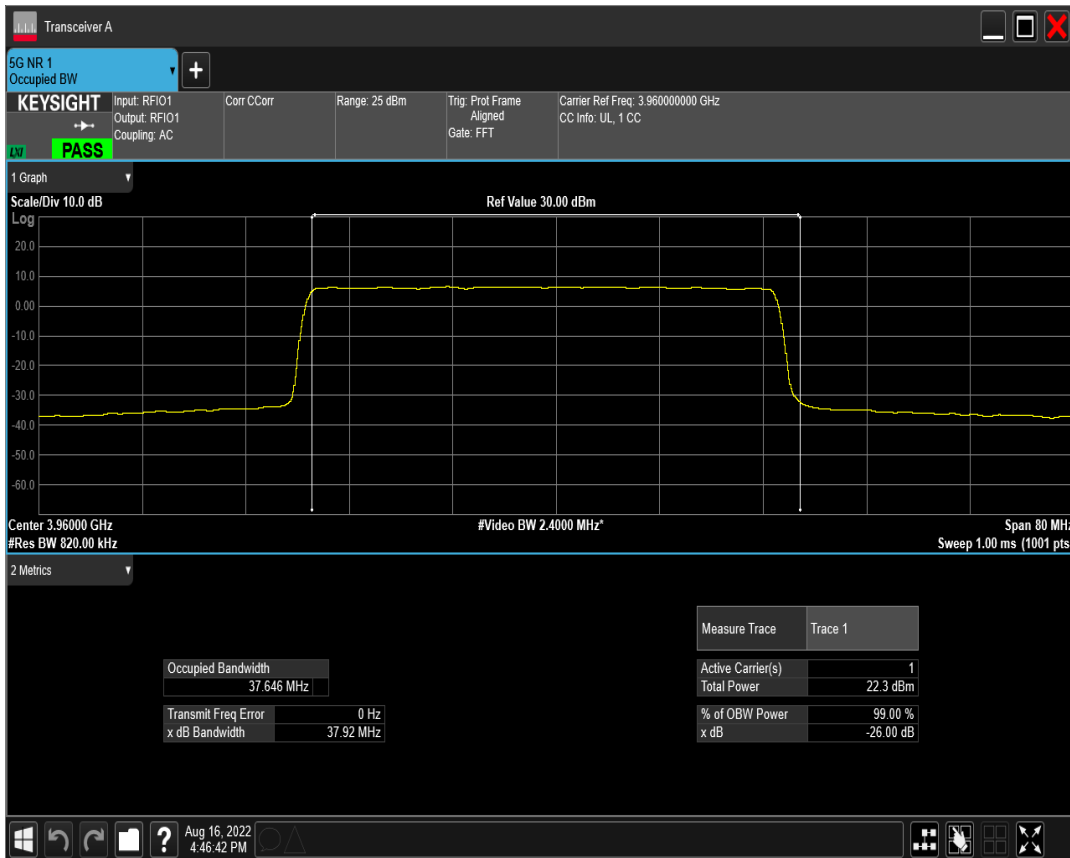
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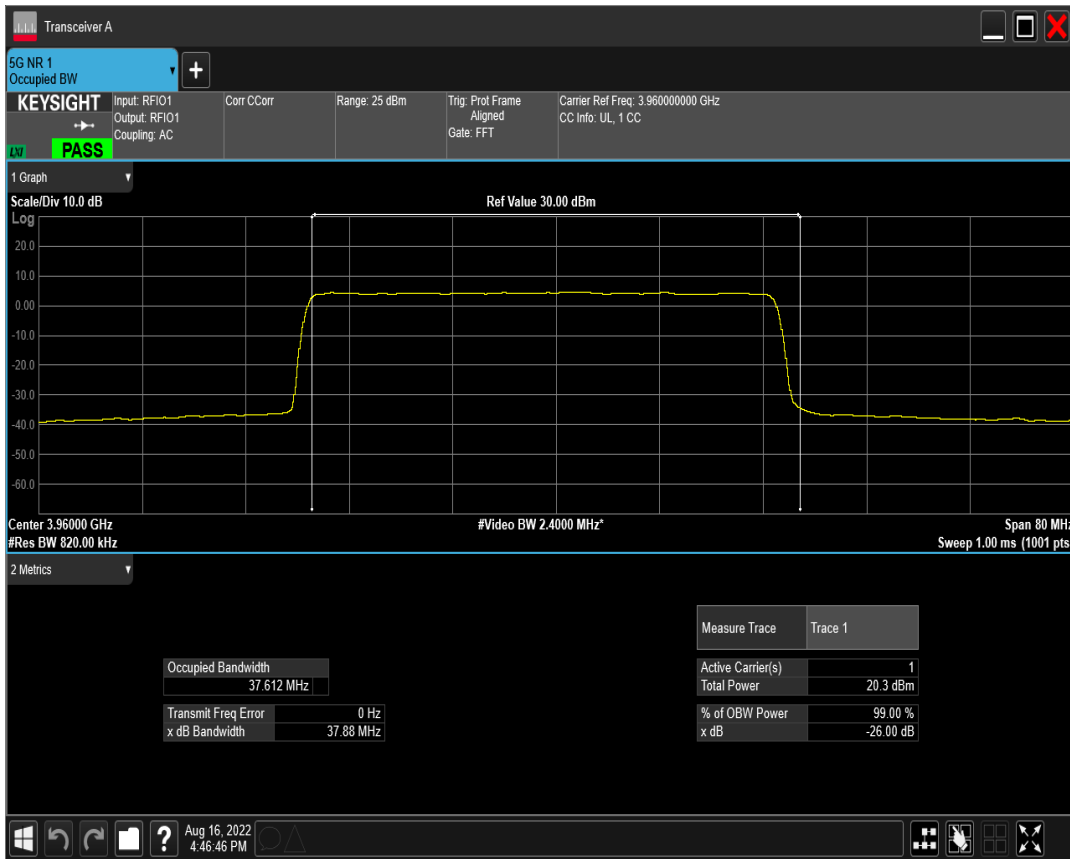
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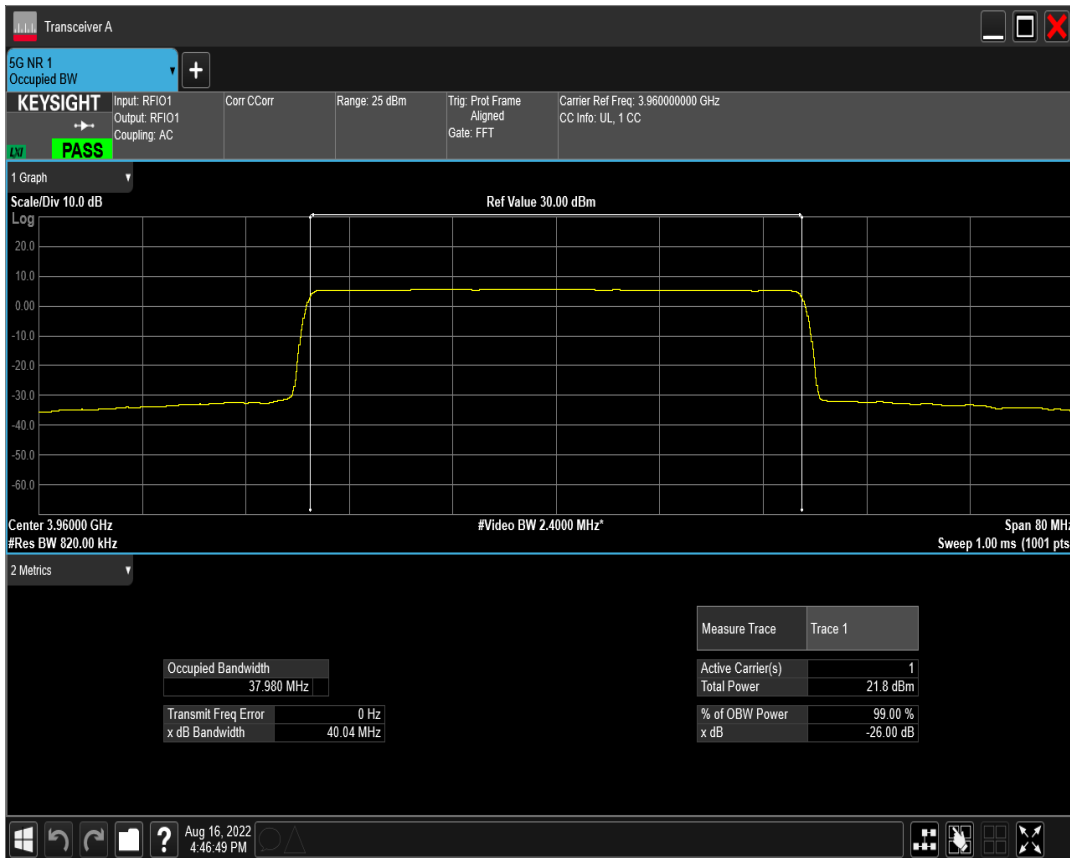
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=40MHz Channel=664000 RB=100@0



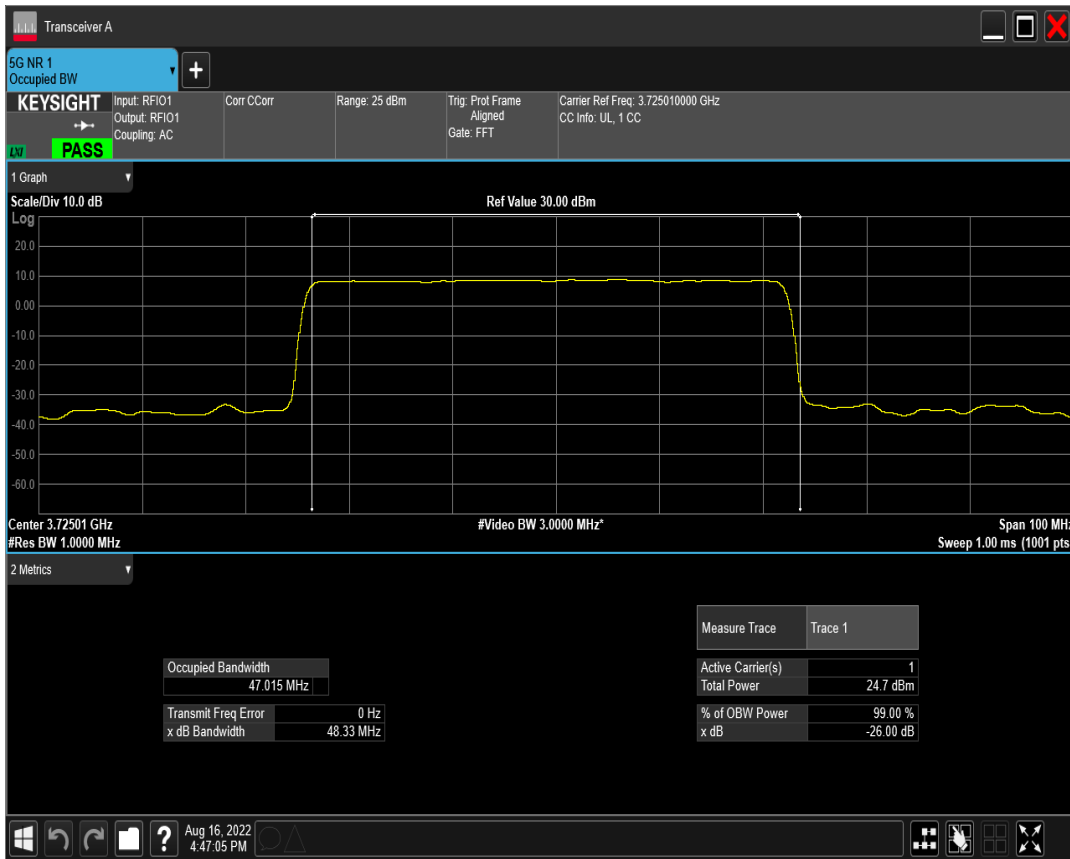
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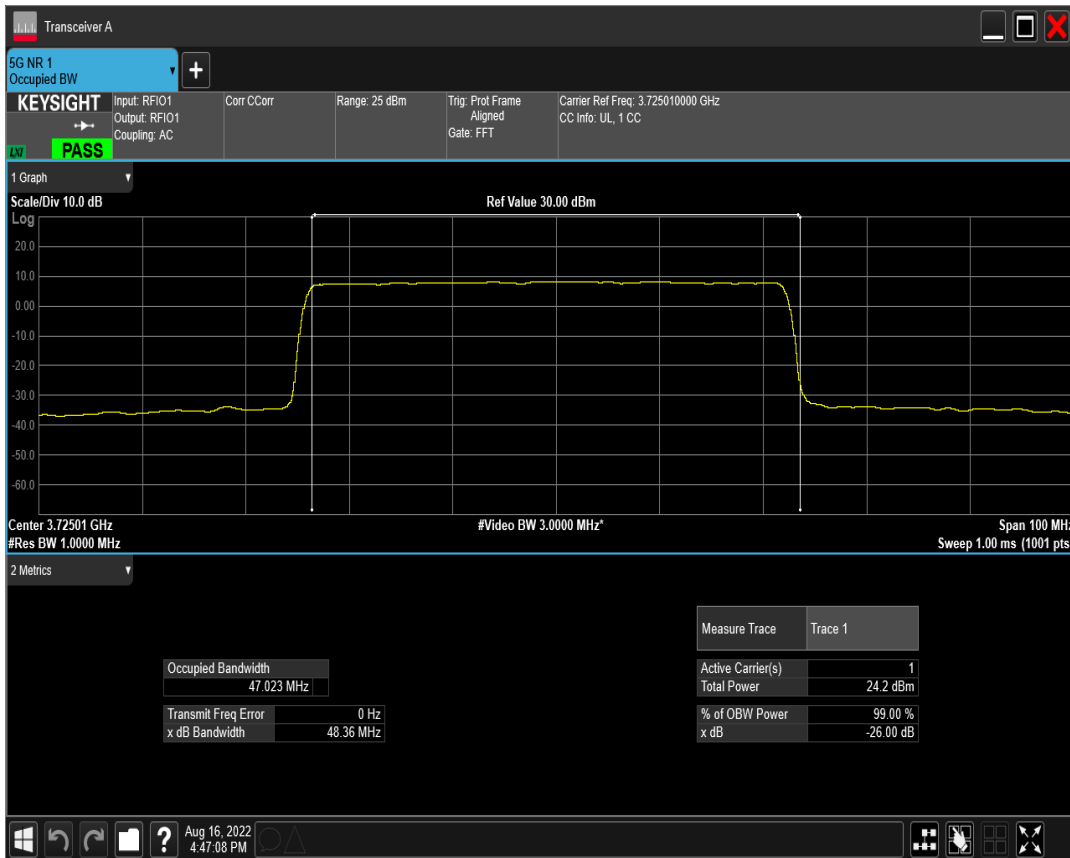
n77(3700-3980) SCS=30kHz CP_QPSK BW=40MHz Channel=664000 RB=106@0



n77(3700-3980) SCS=30kHz DFT_BPSK BW=50MHz Channel=648334 RB=128@0



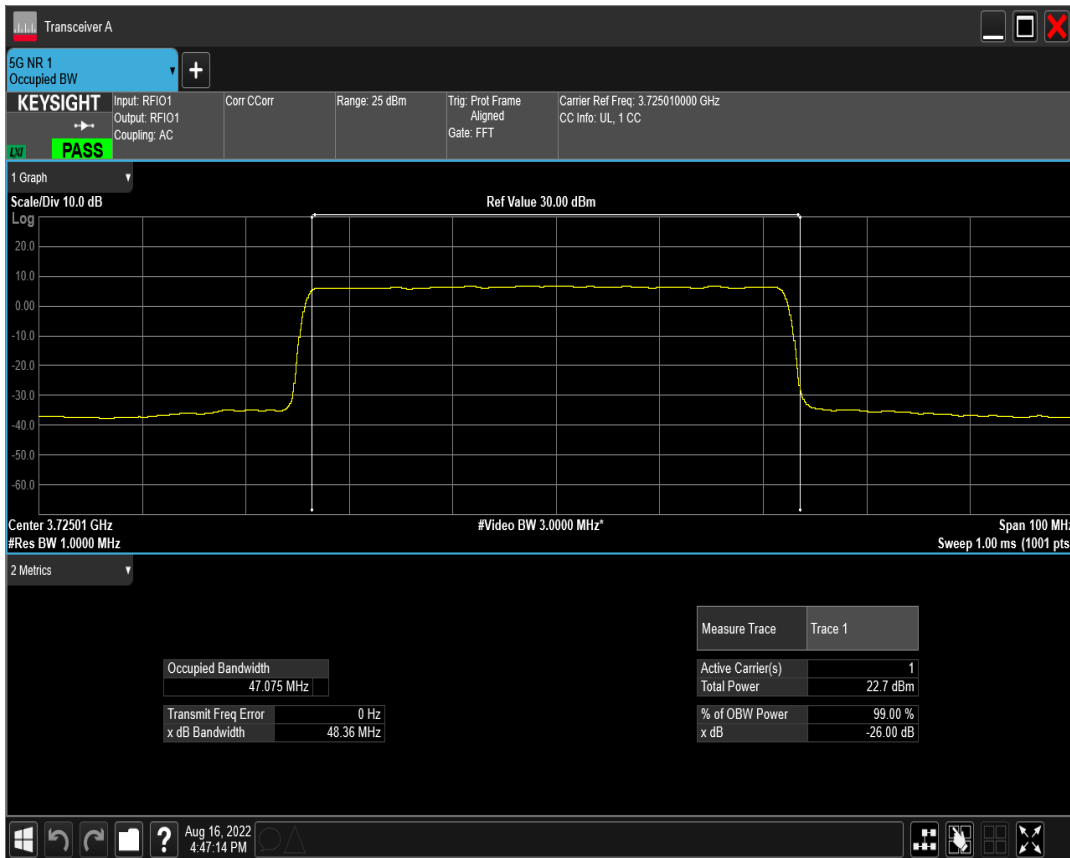
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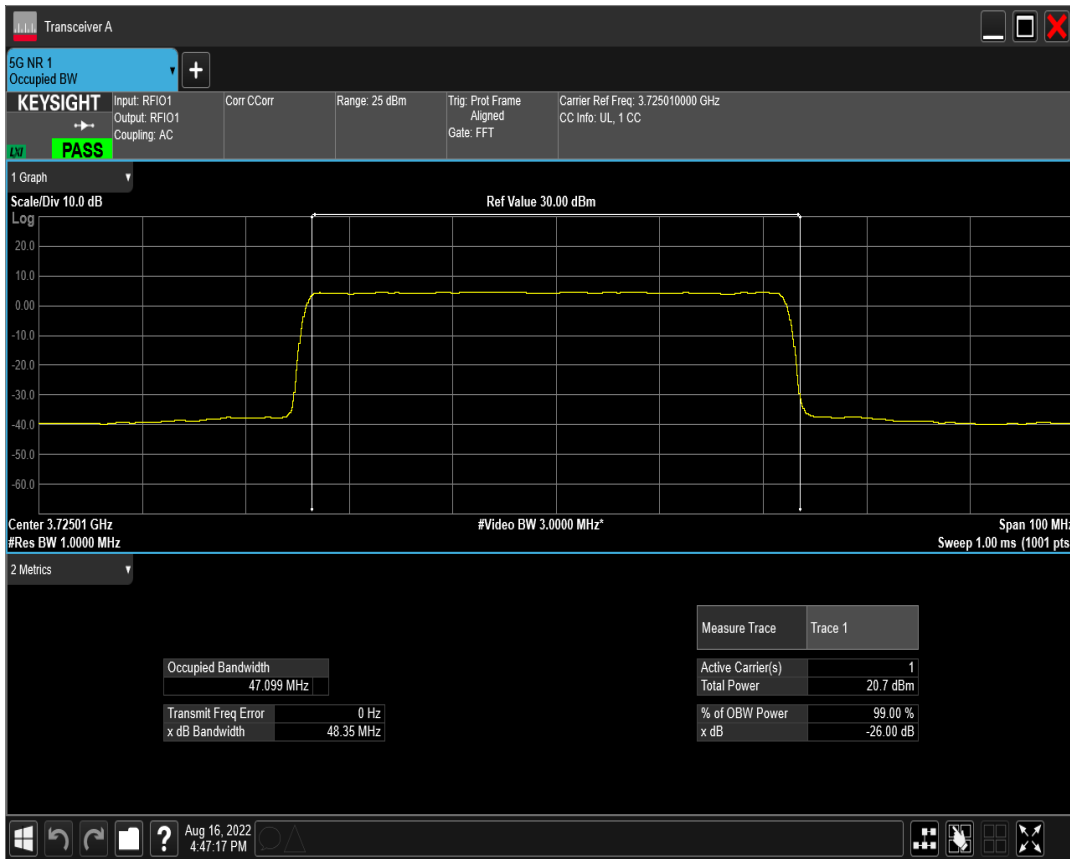
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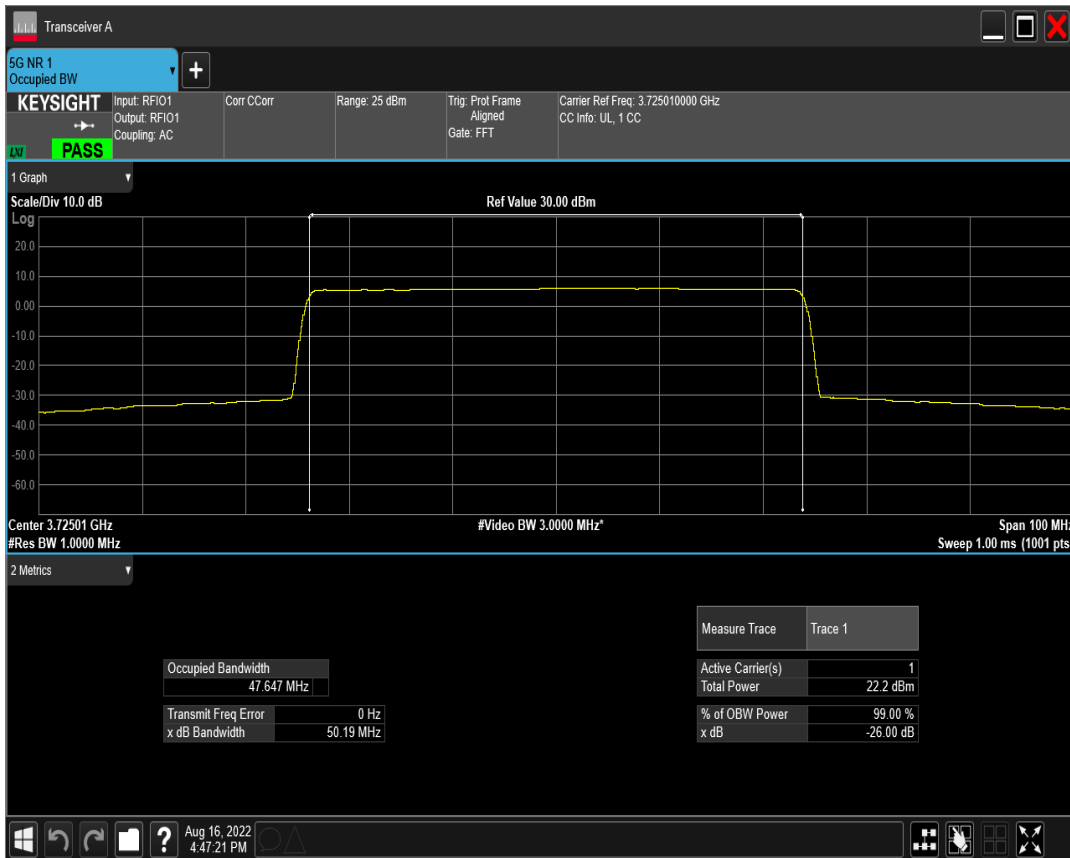
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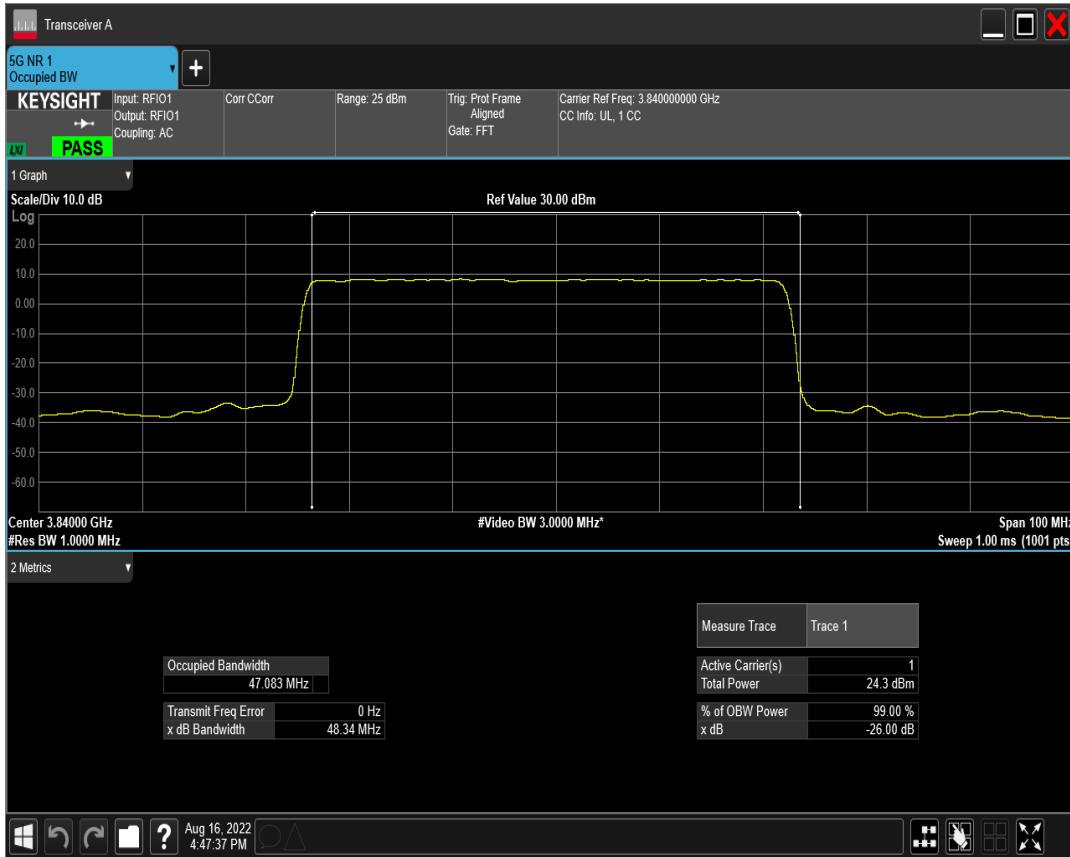
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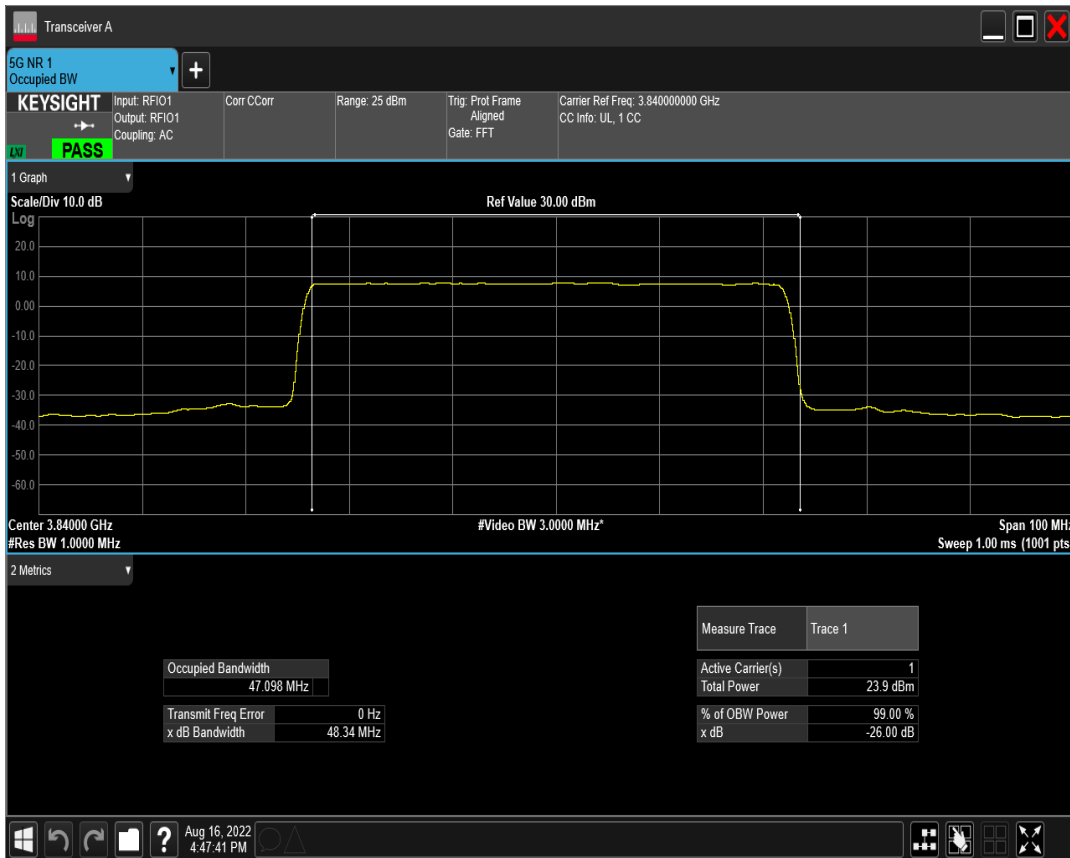
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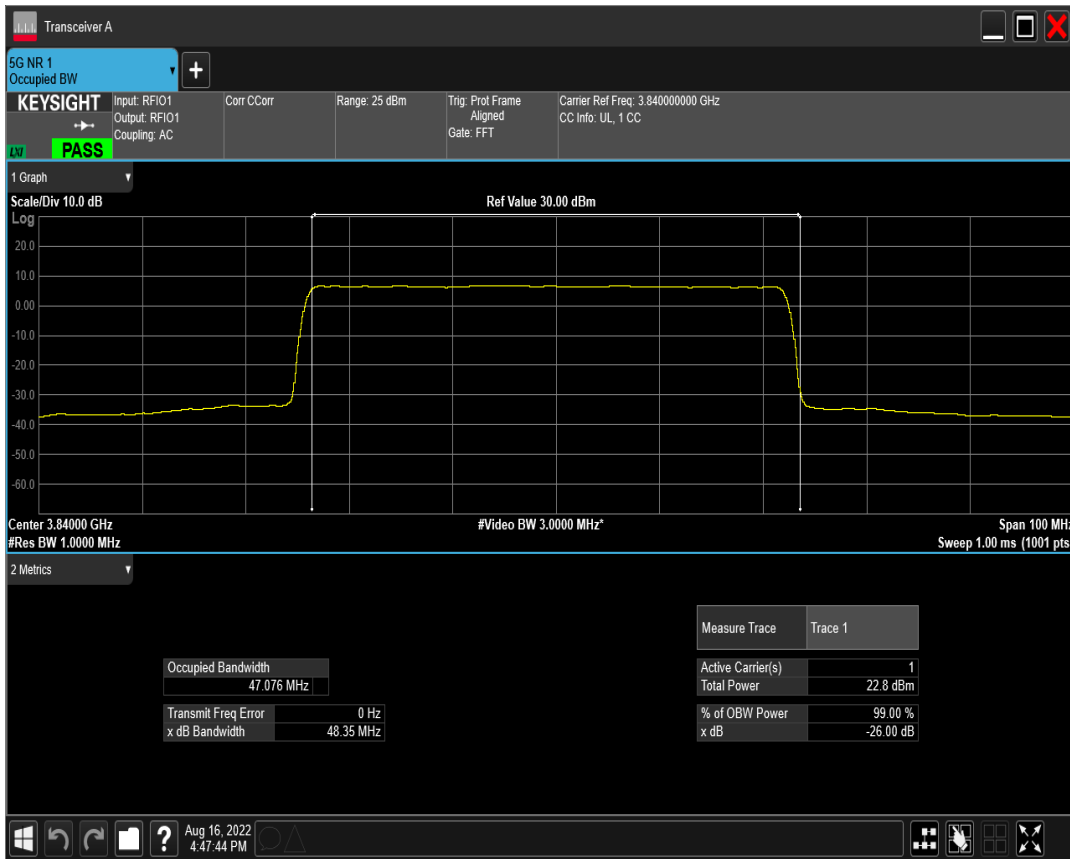
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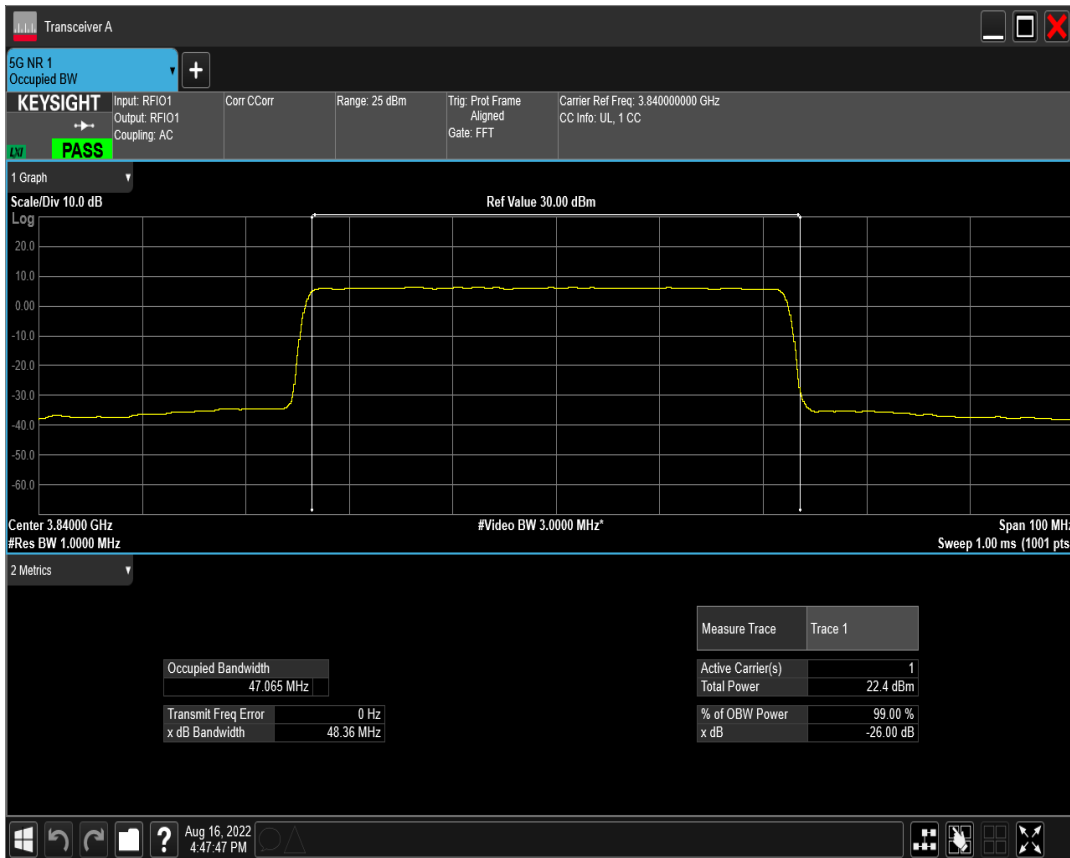
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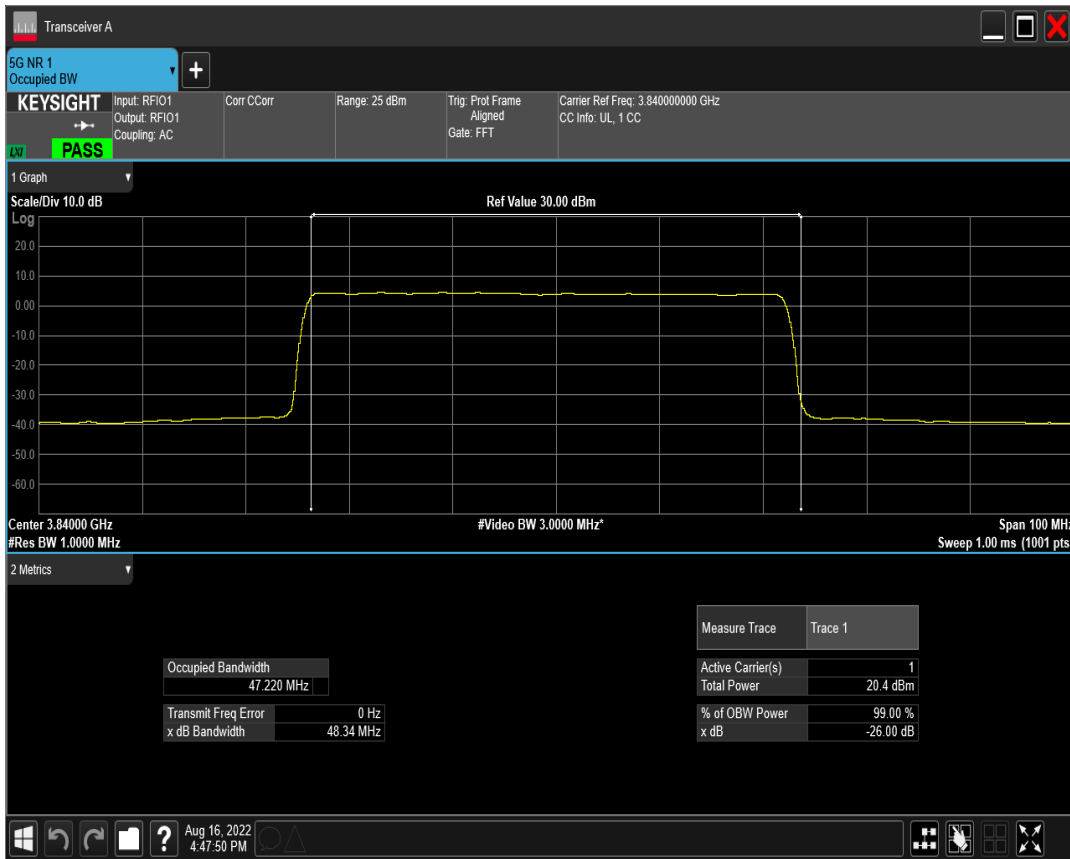
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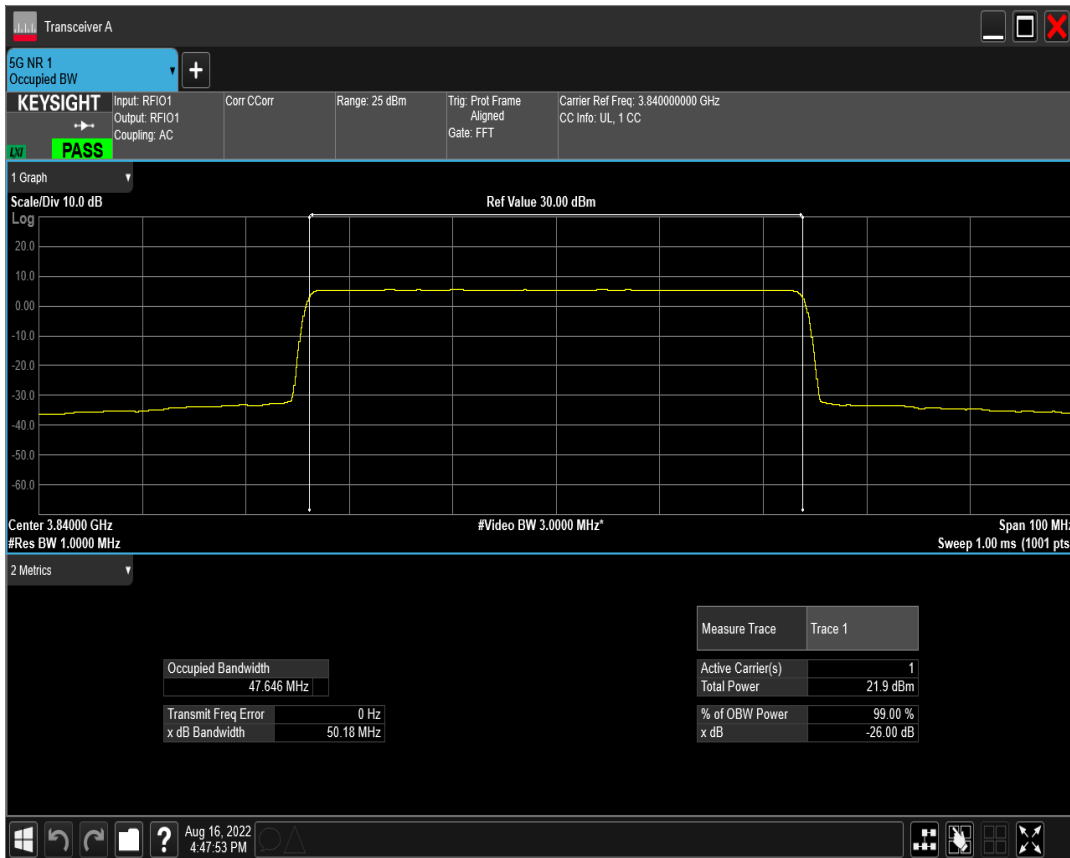
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=50MHz Channel=656000 RB=128@0



n77(3700-3980) SCS=30kHz DFT_QAM256 BW=50MHz Channel=656000 RB=128@0



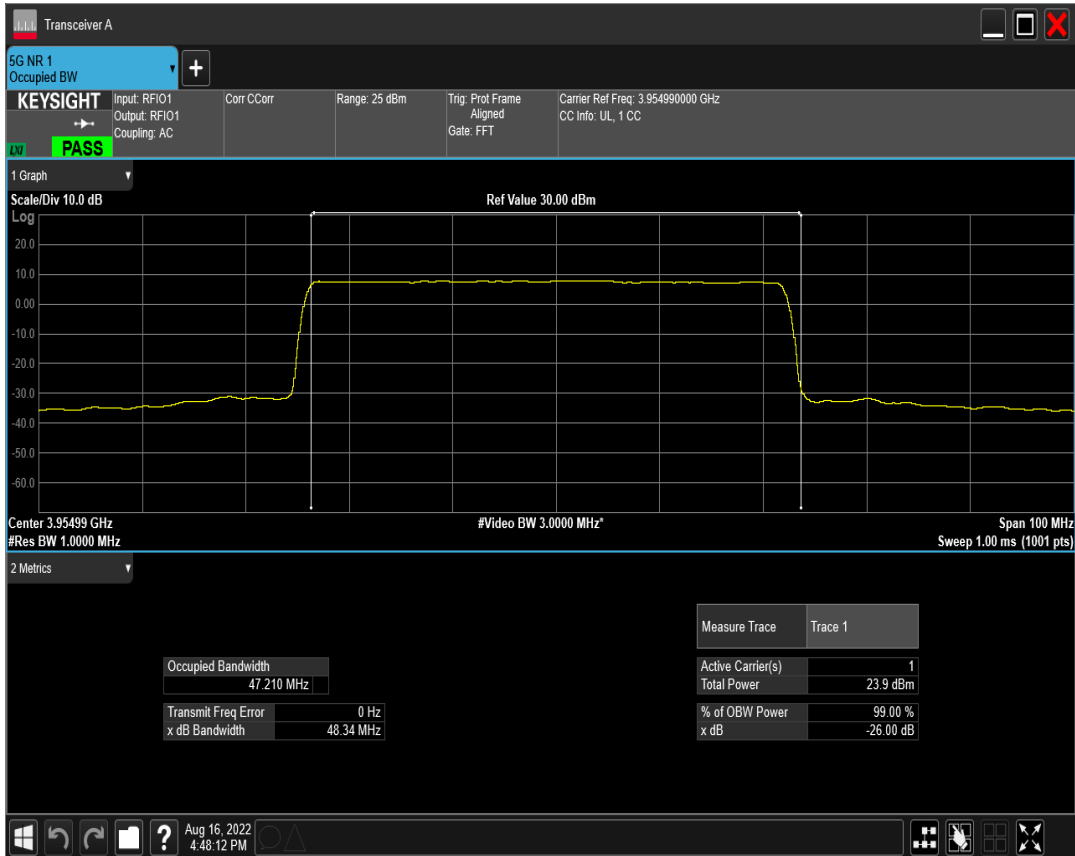
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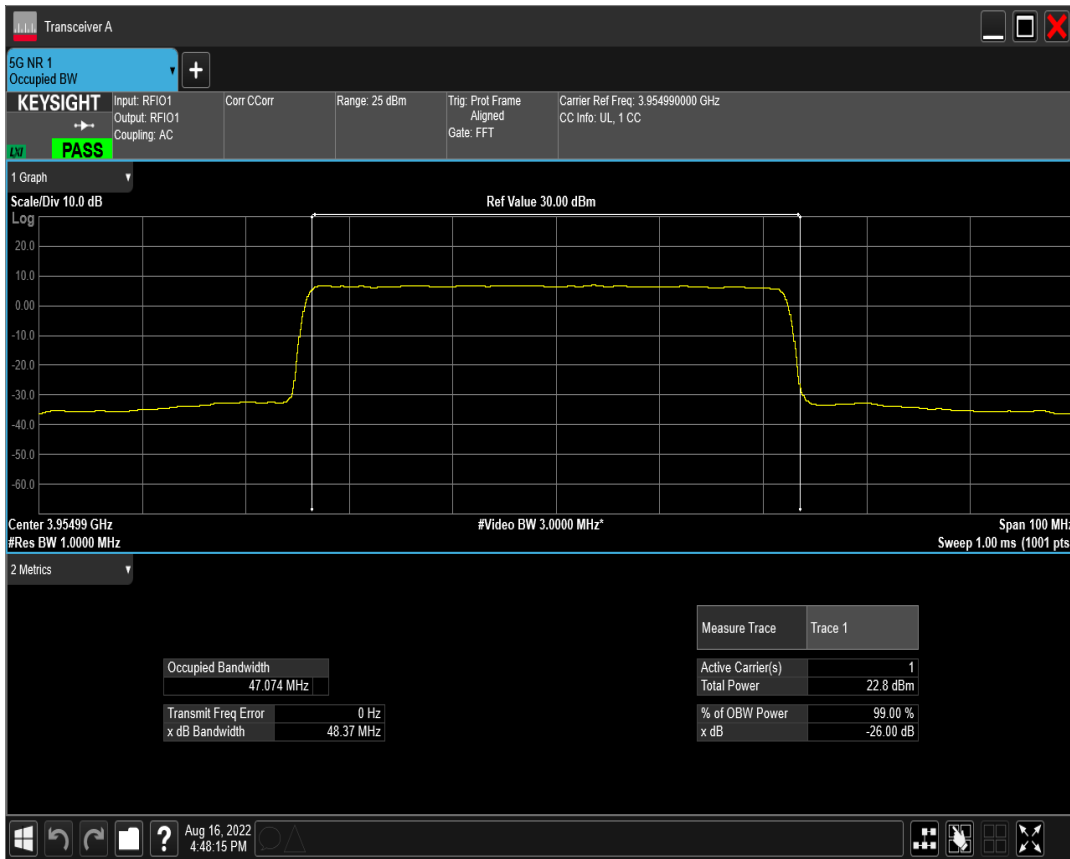
n77(3700-3980) SCS=30kHz DFT_BPSK BW=50MHz Channel=663666 RB=128@0



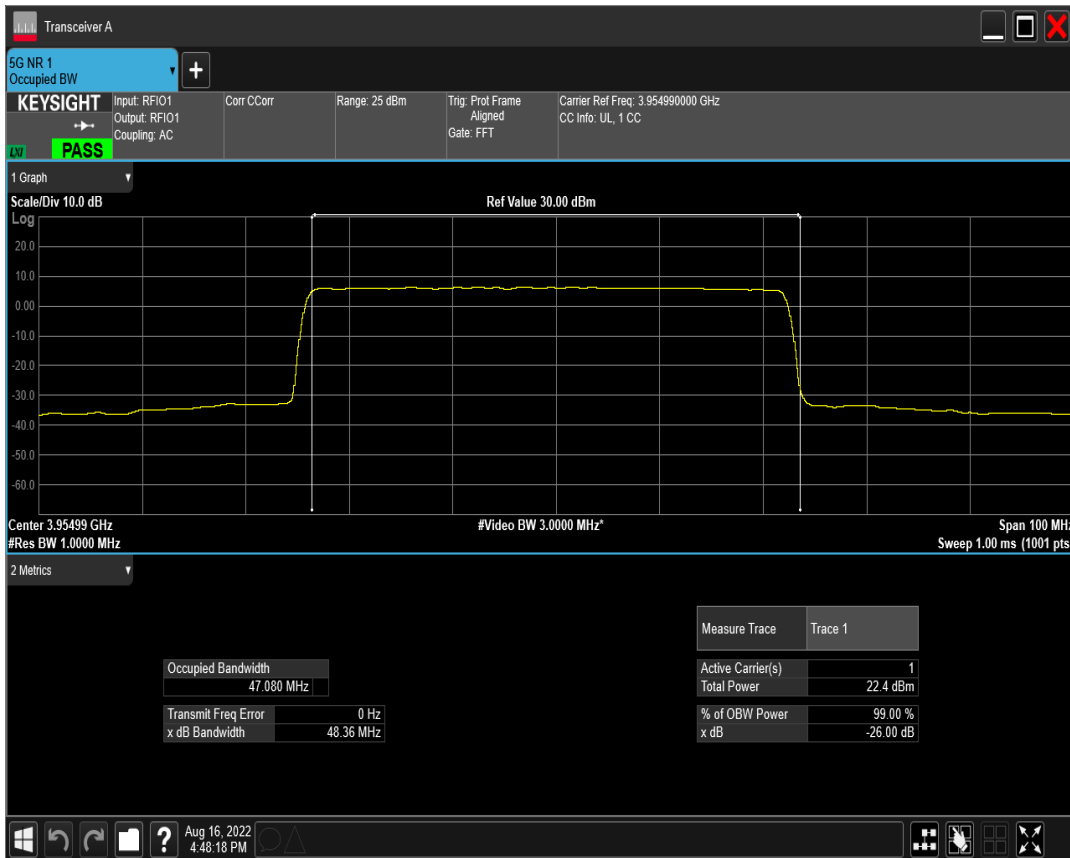
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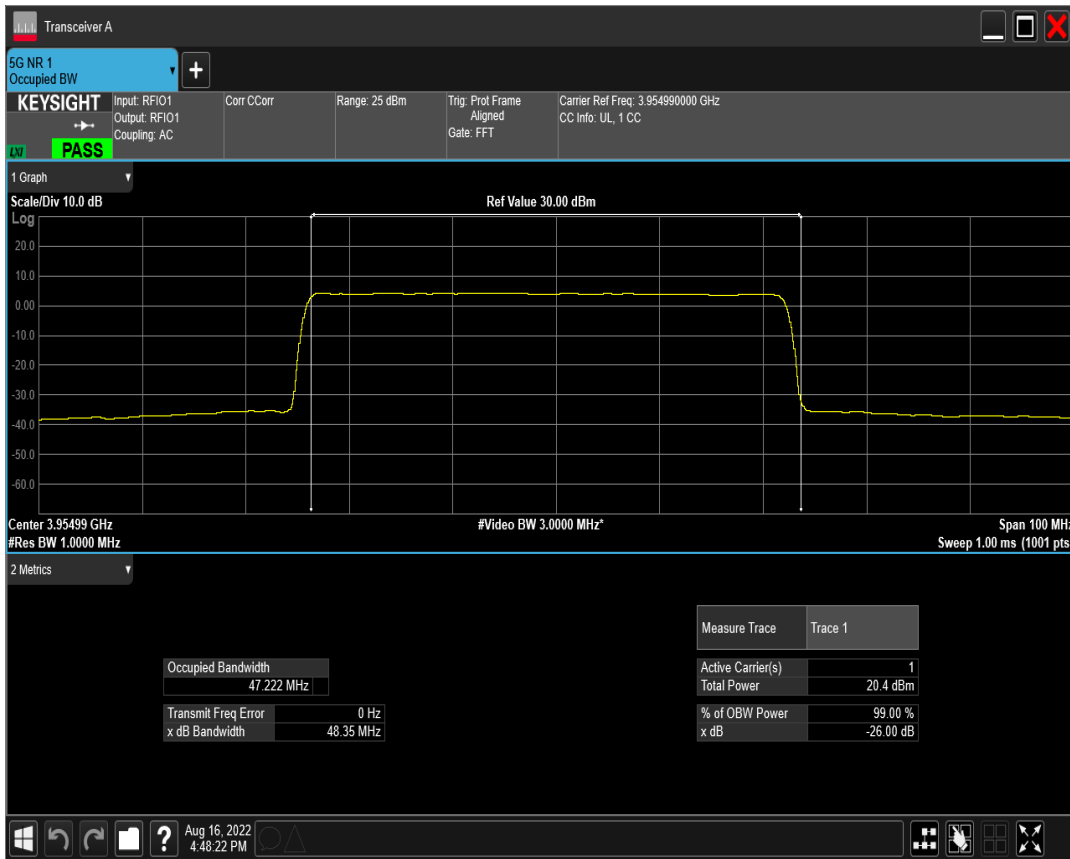
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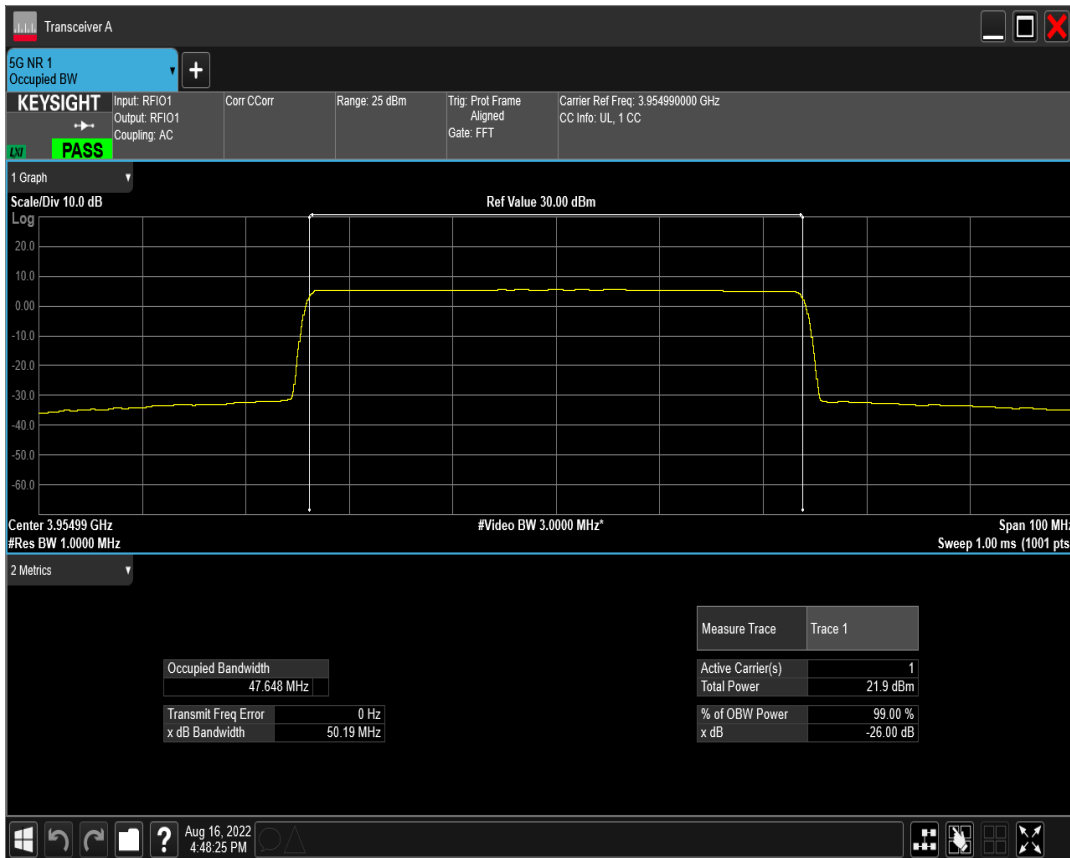
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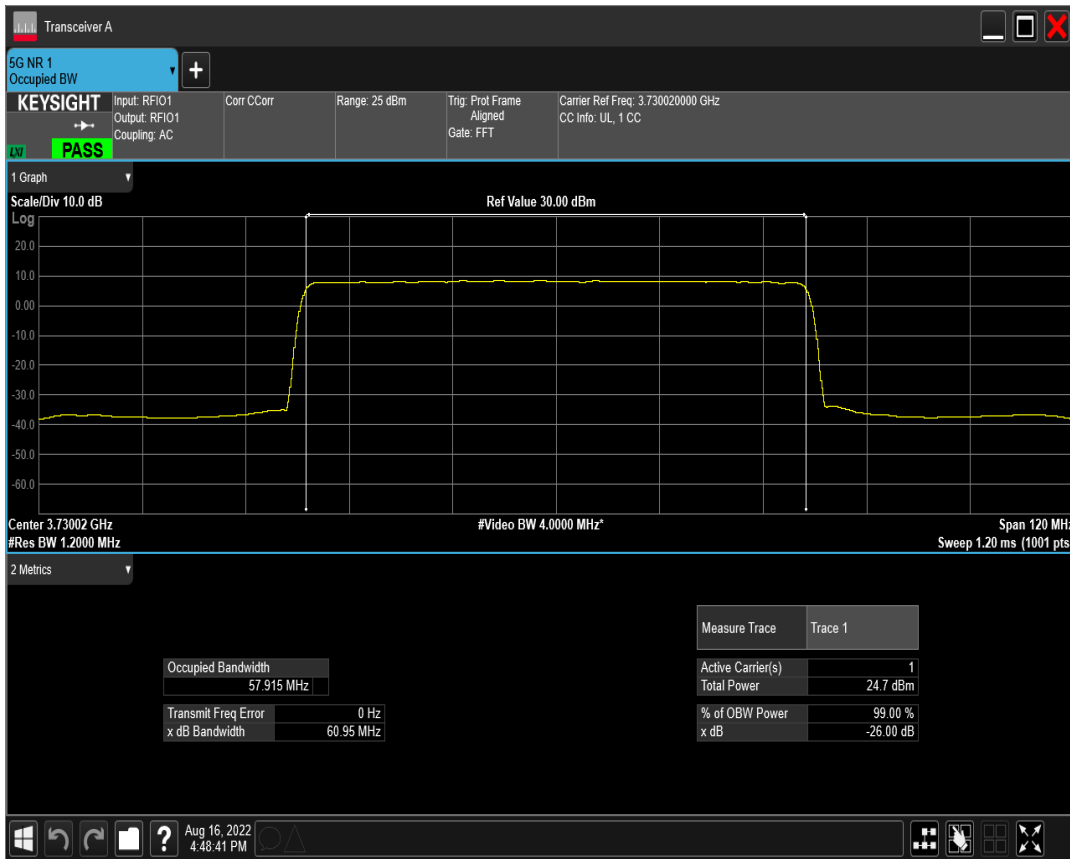
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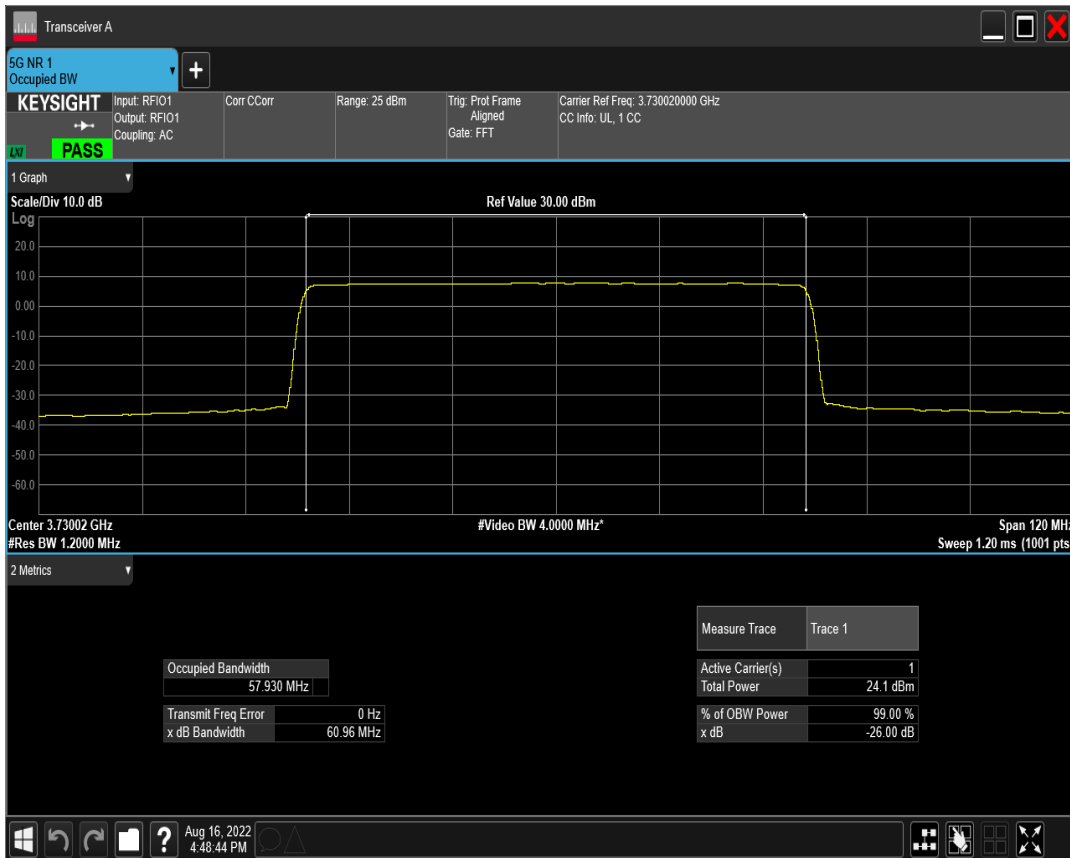
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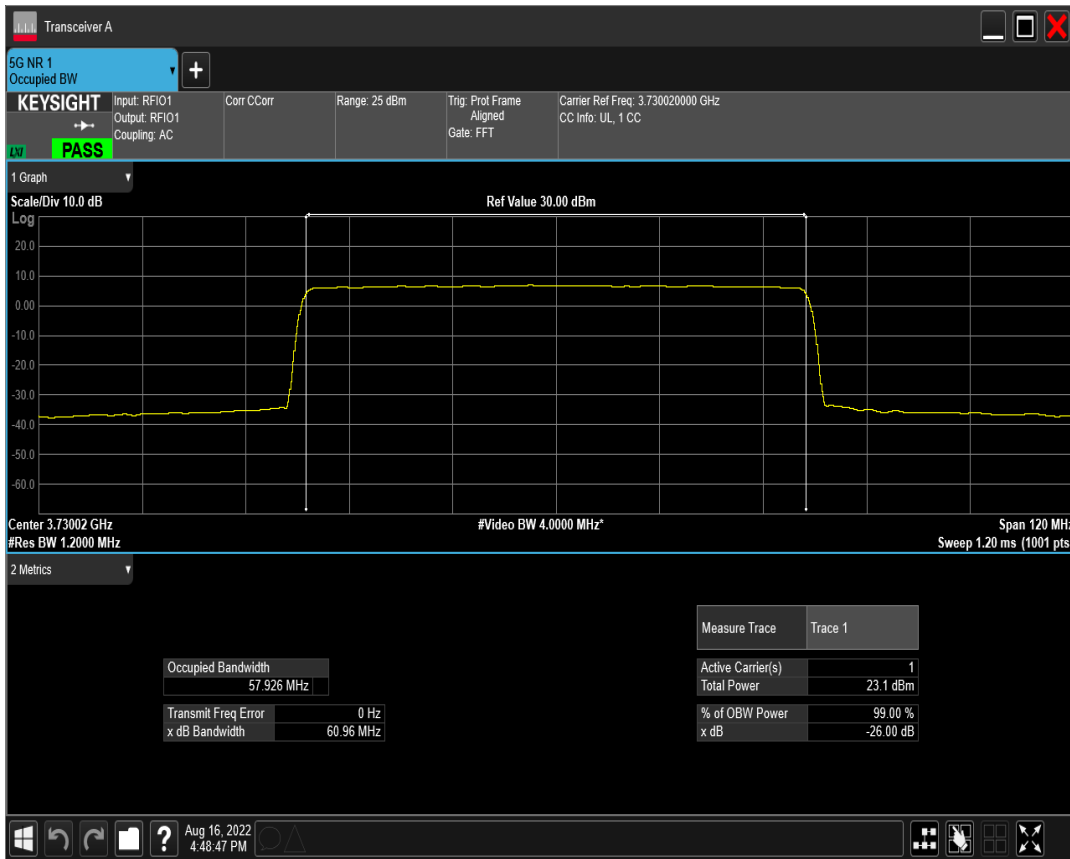
n77(3700-3980) SCS=30kHz DFT_BPSK BW=60MHz Channel=648668 RB=162@0



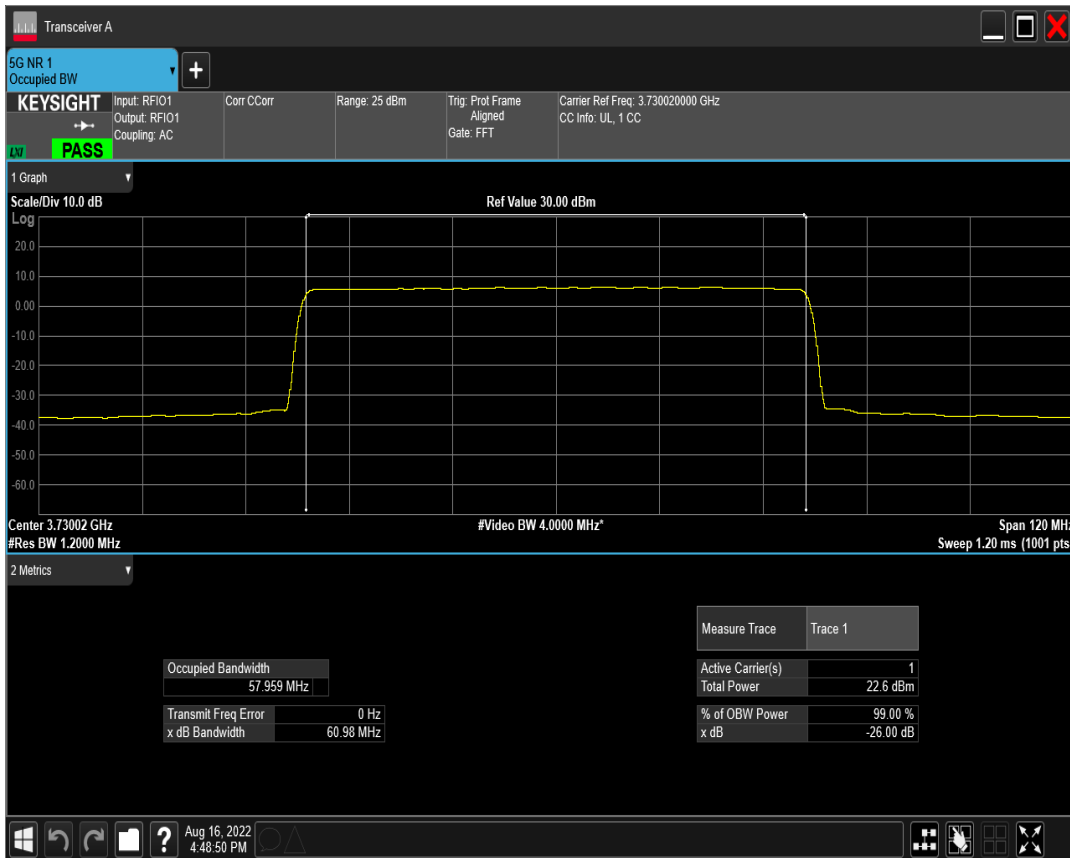
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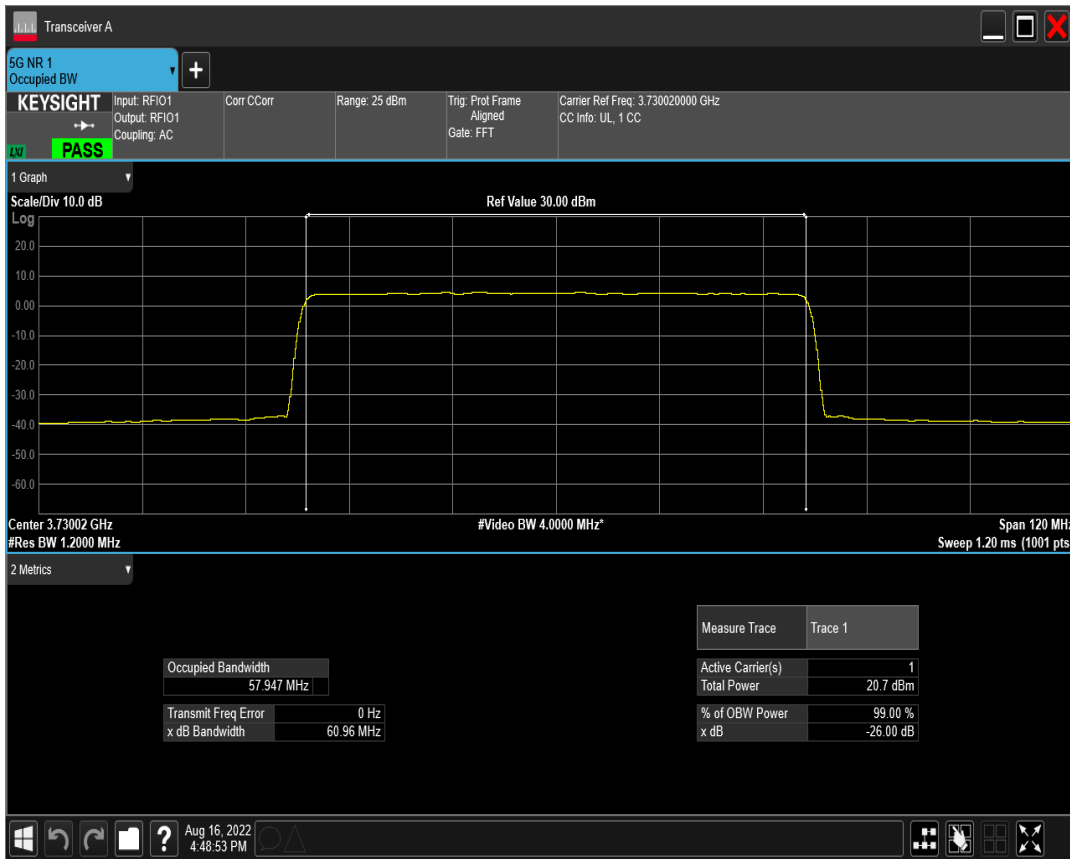
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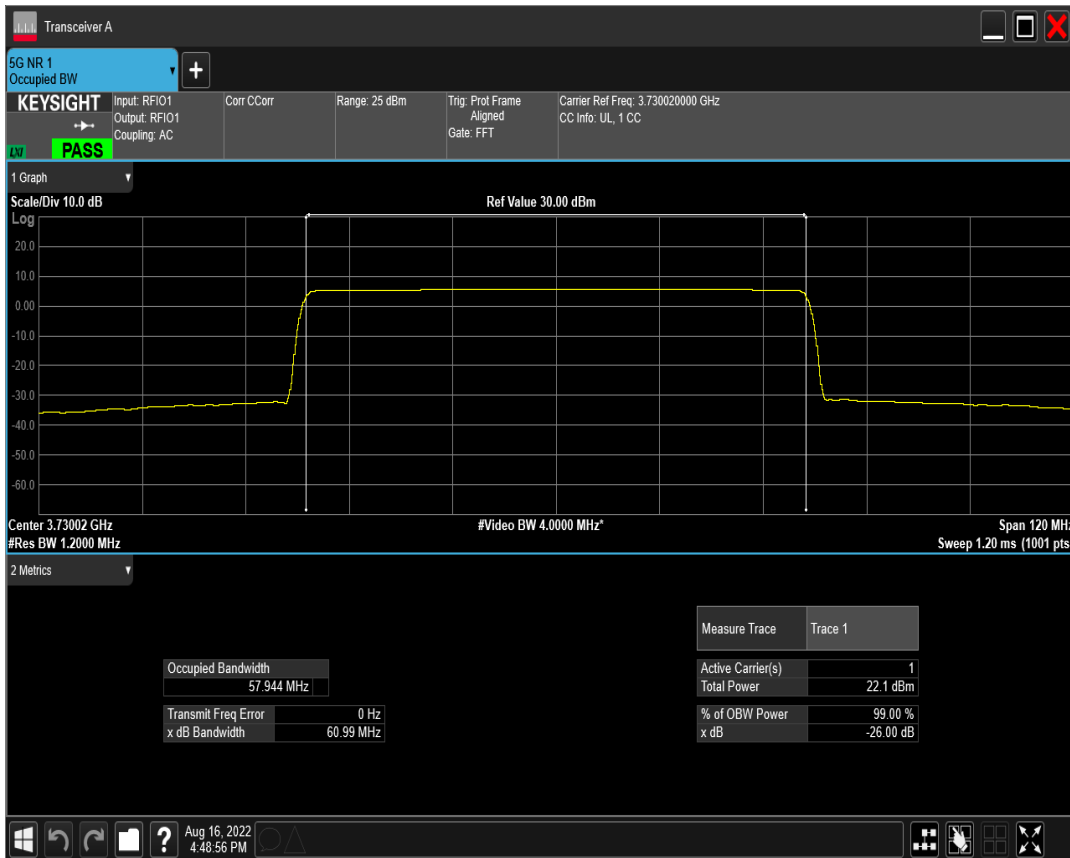
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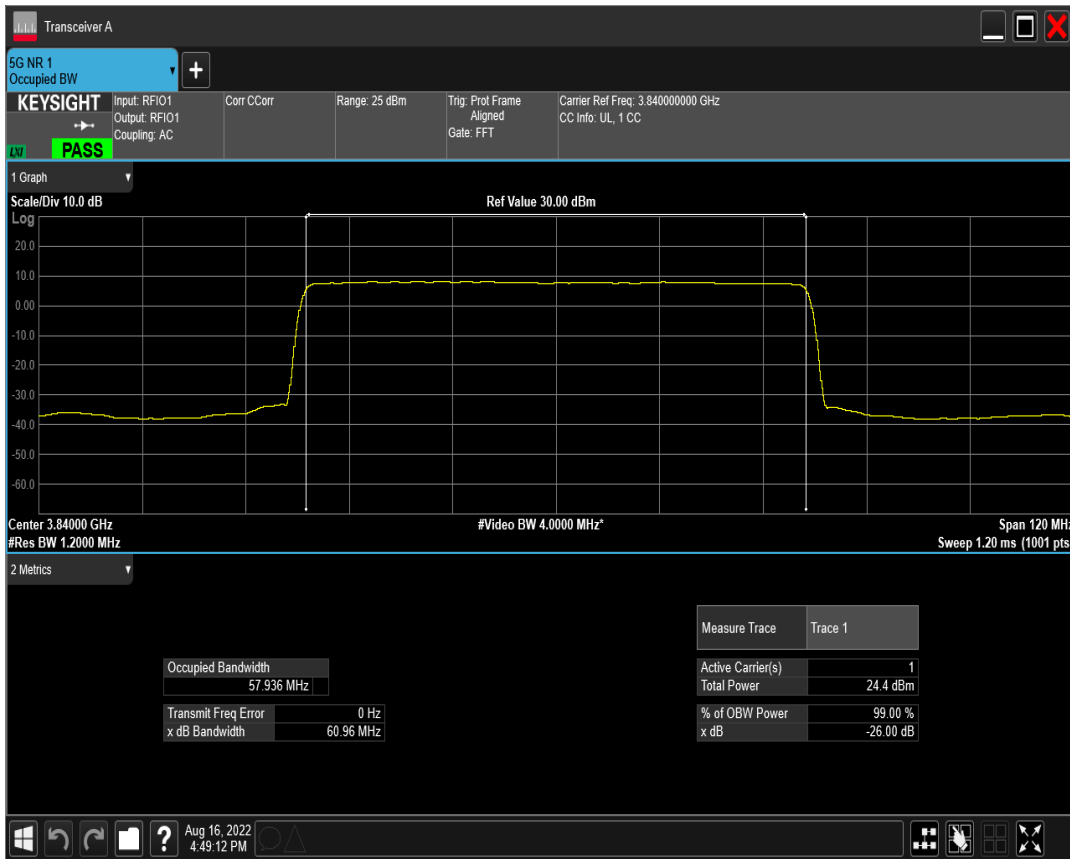
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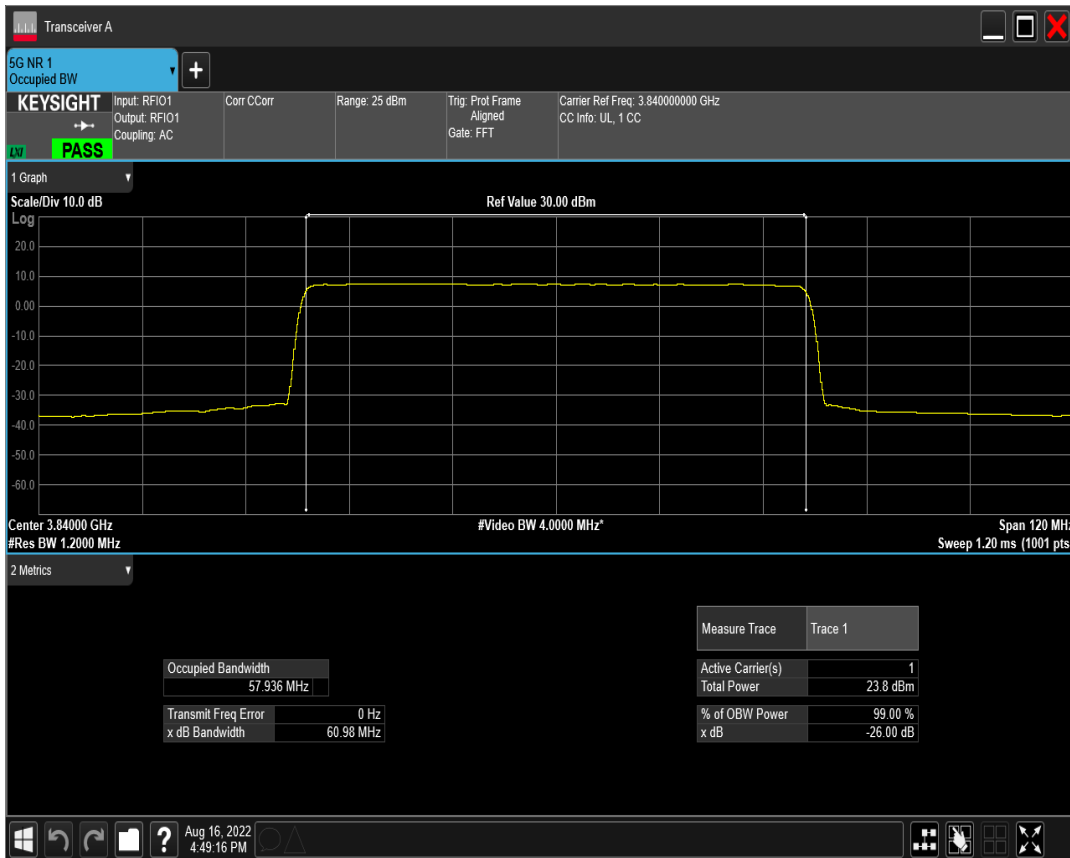
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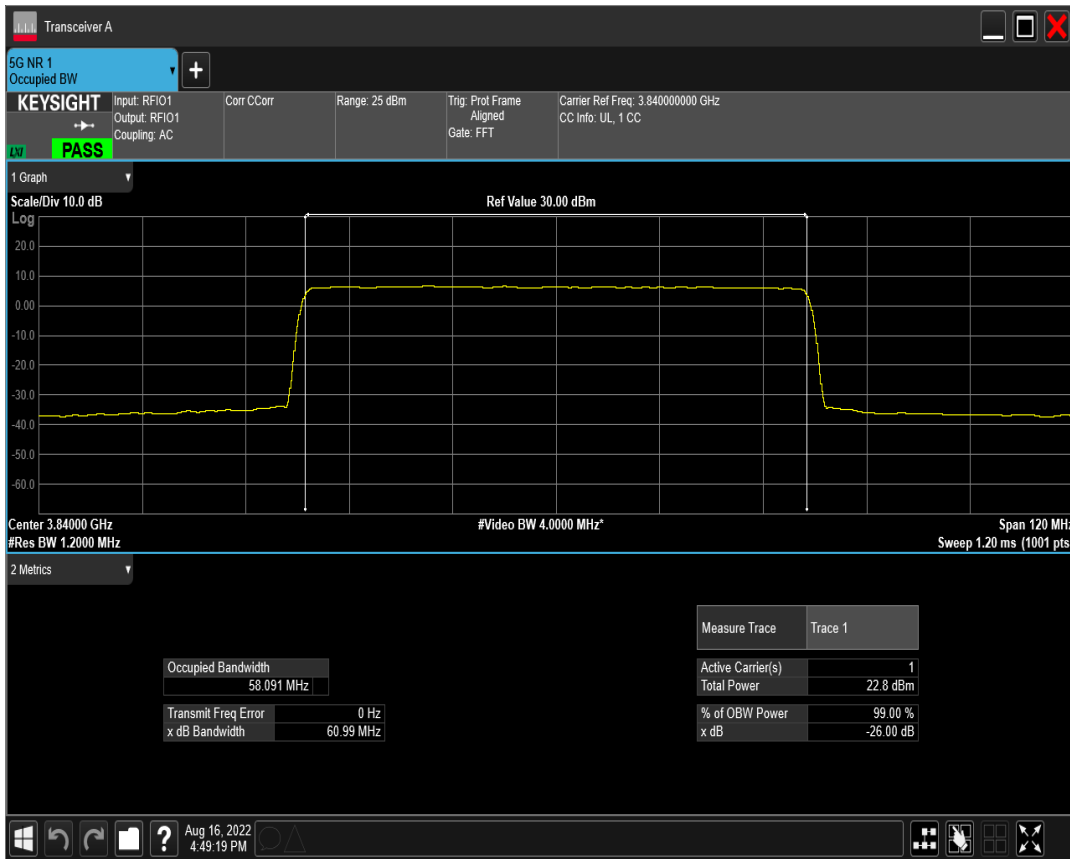
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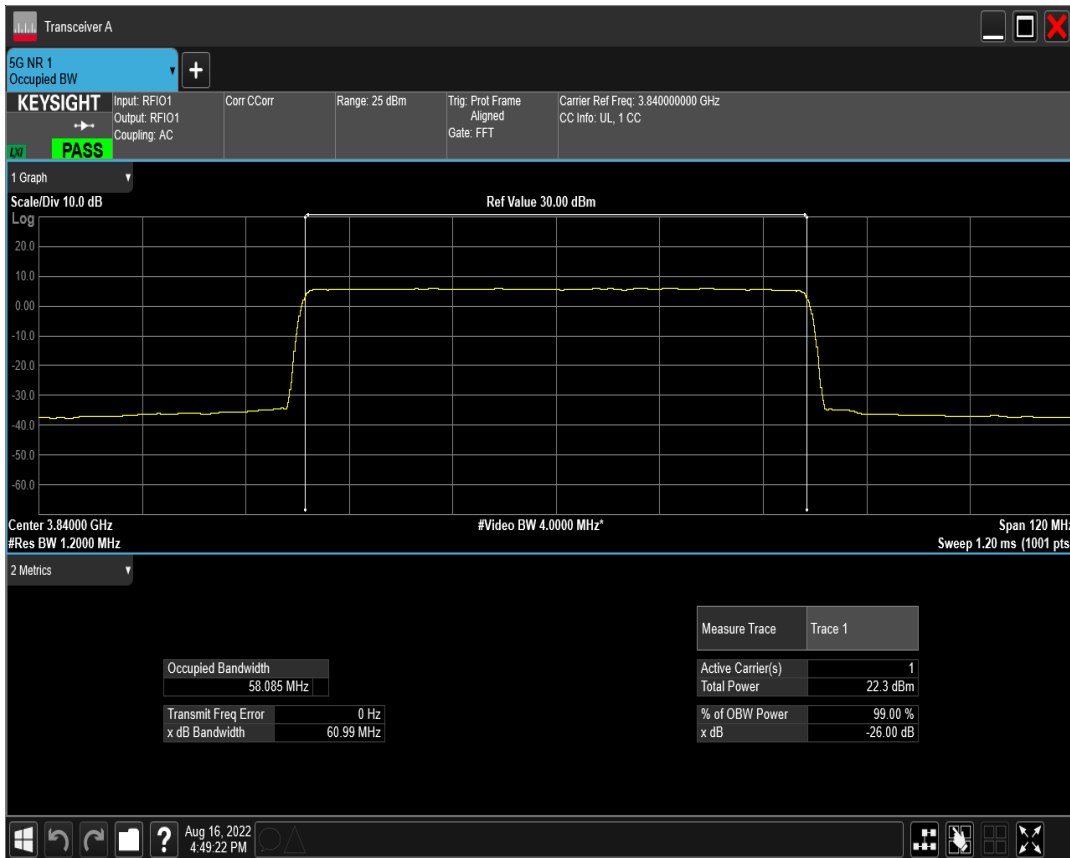
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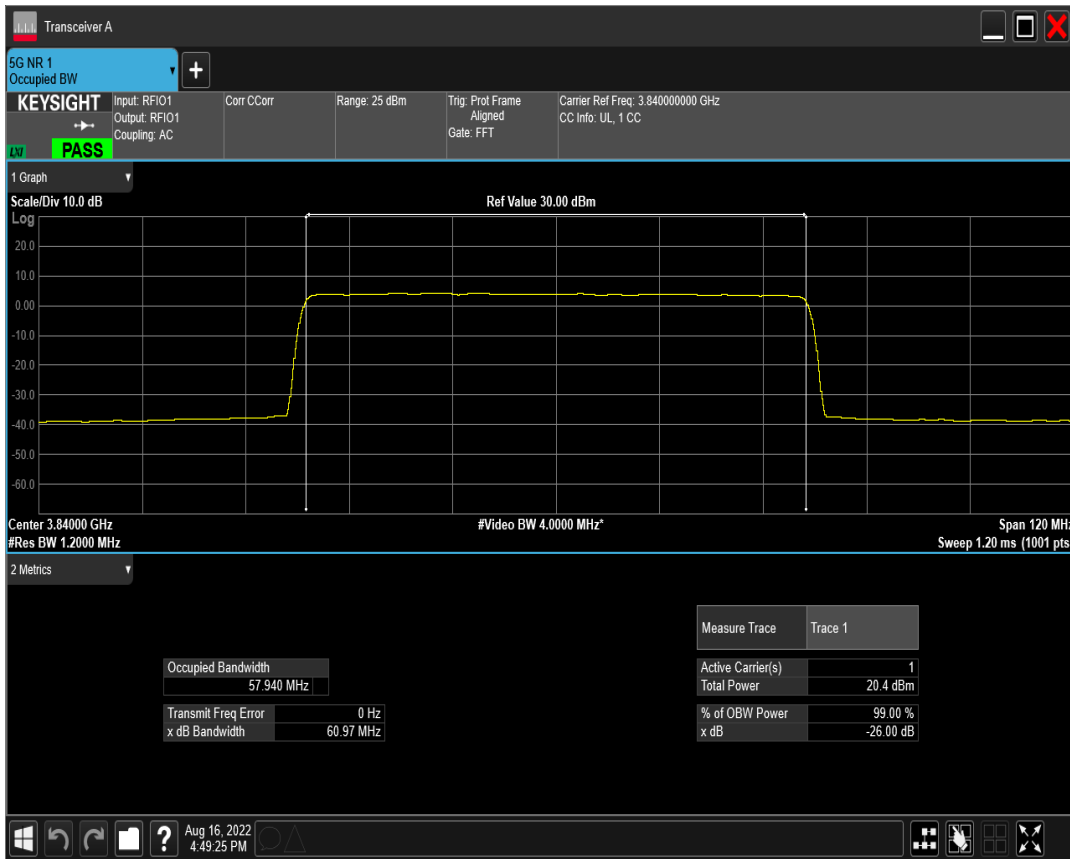
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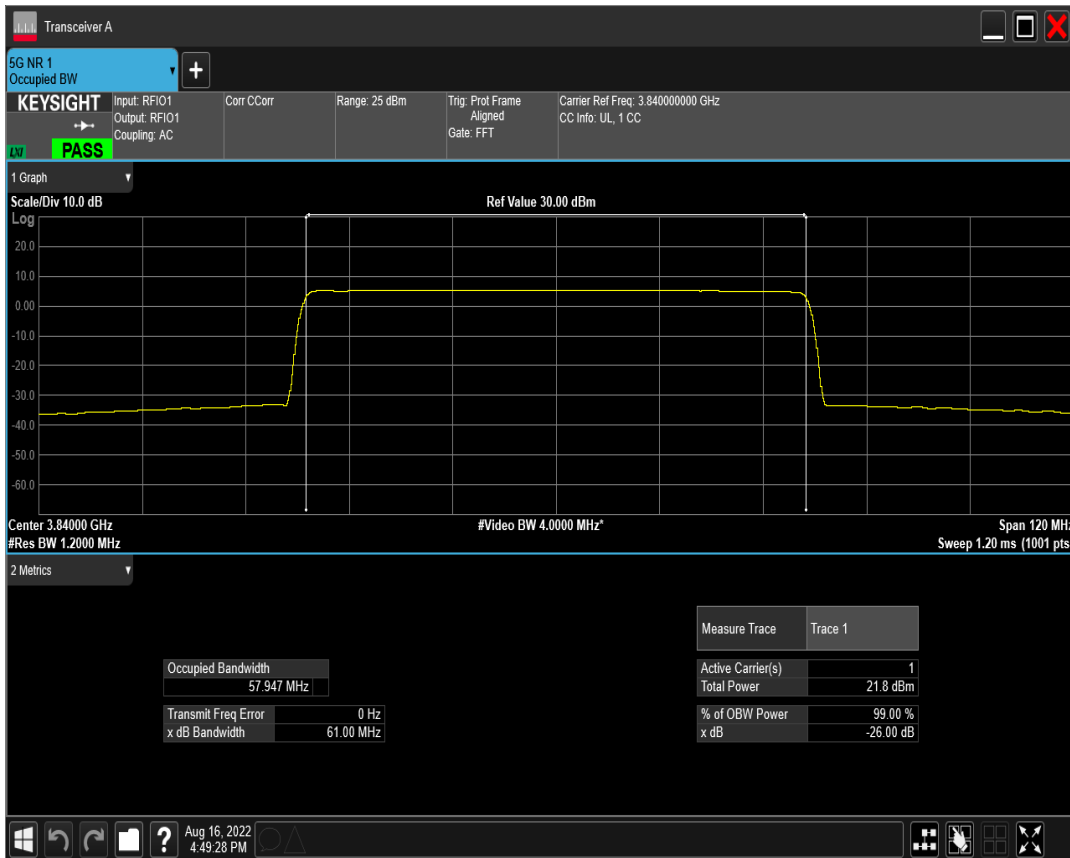
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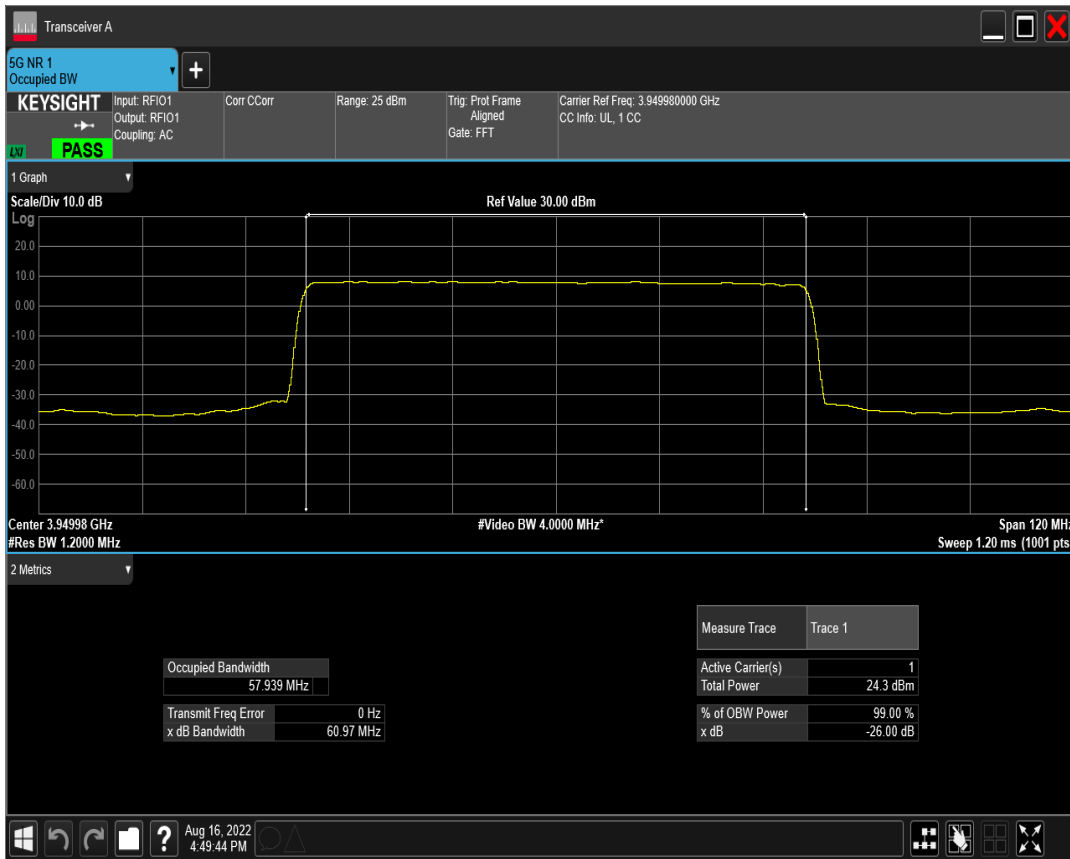
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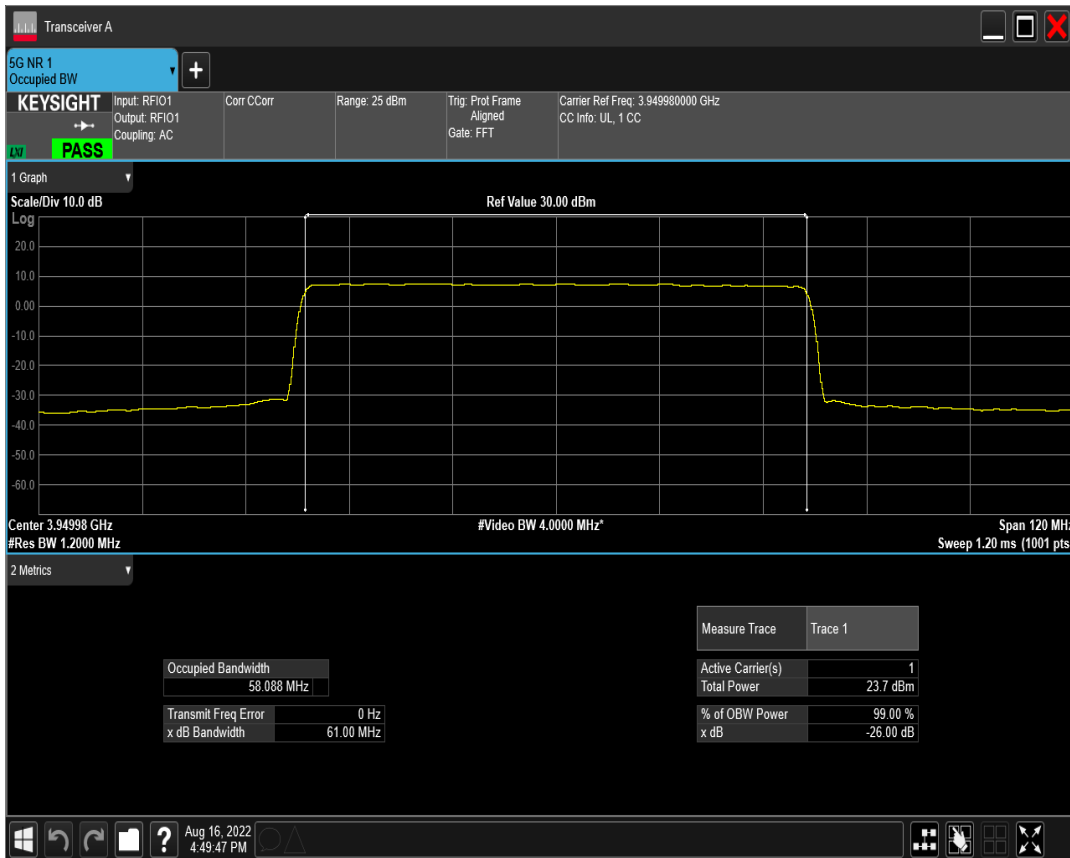
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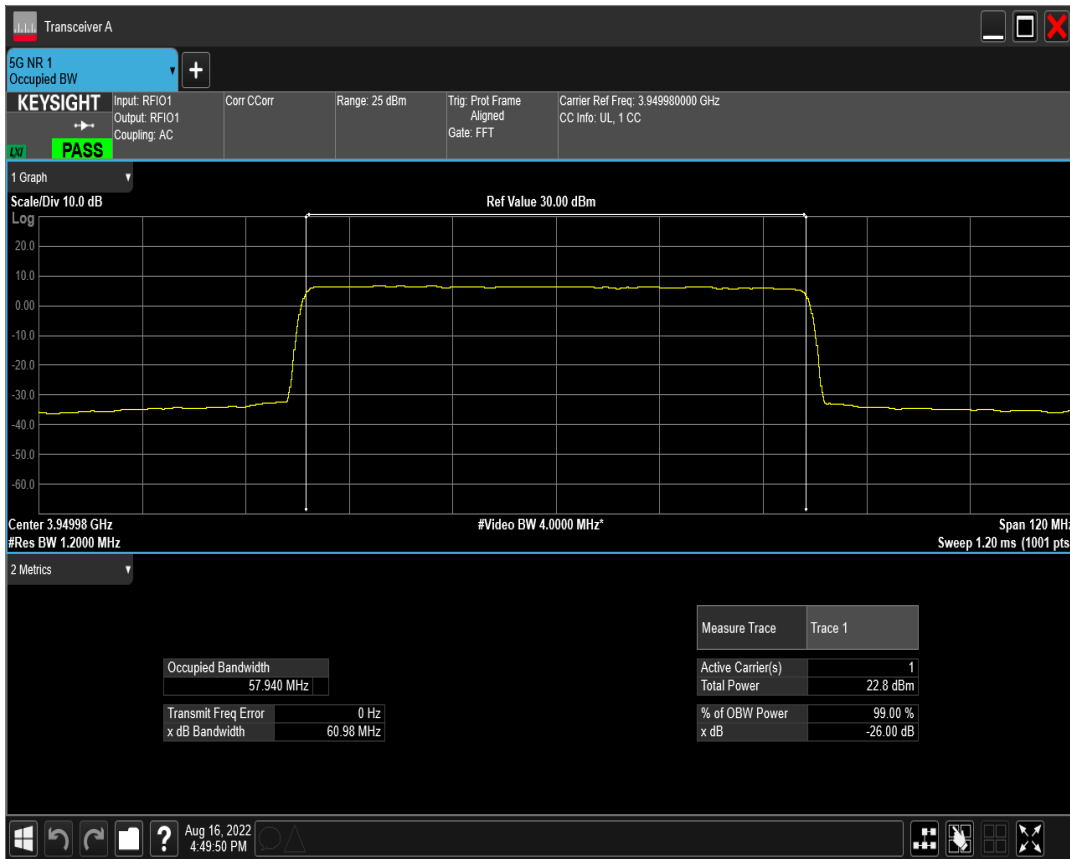
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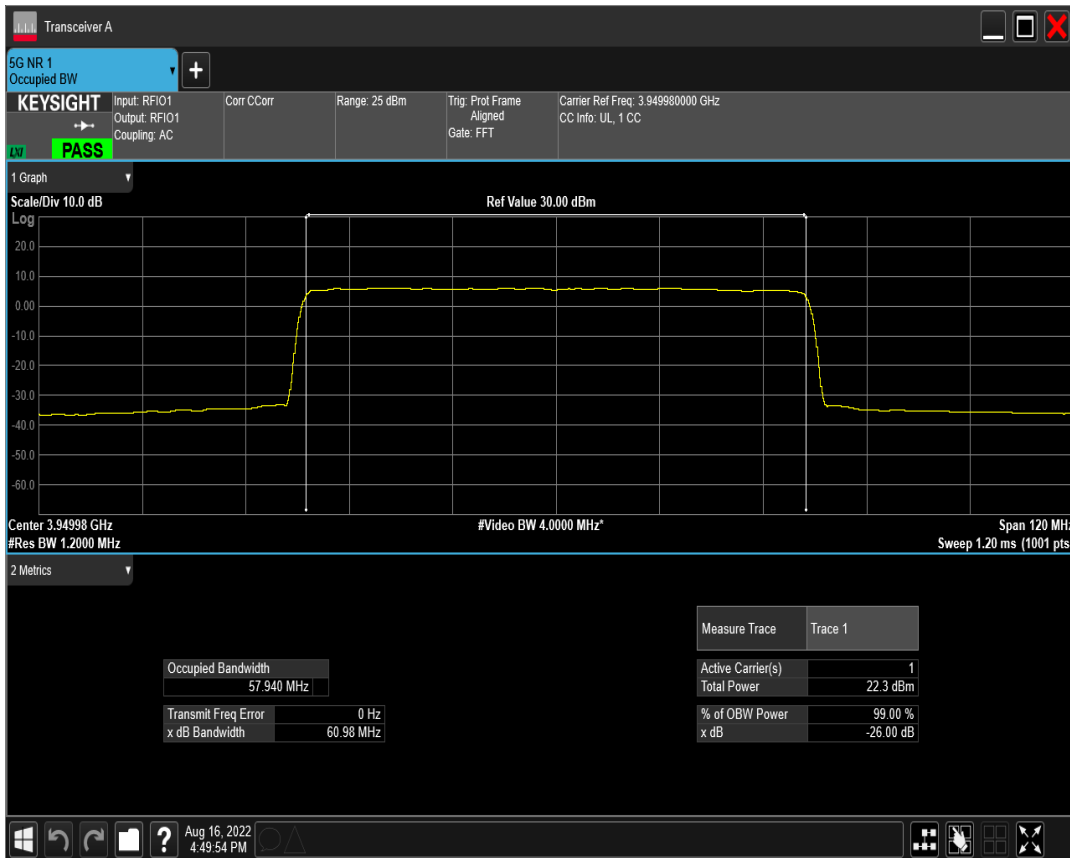
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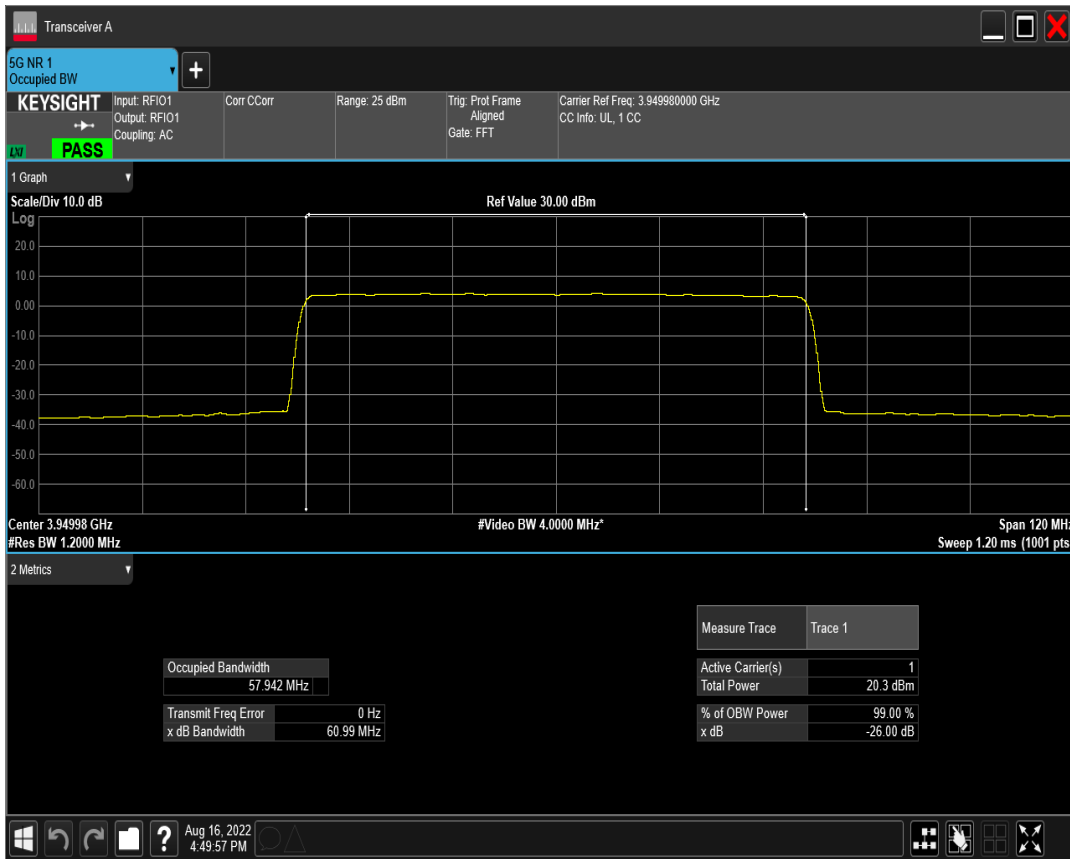
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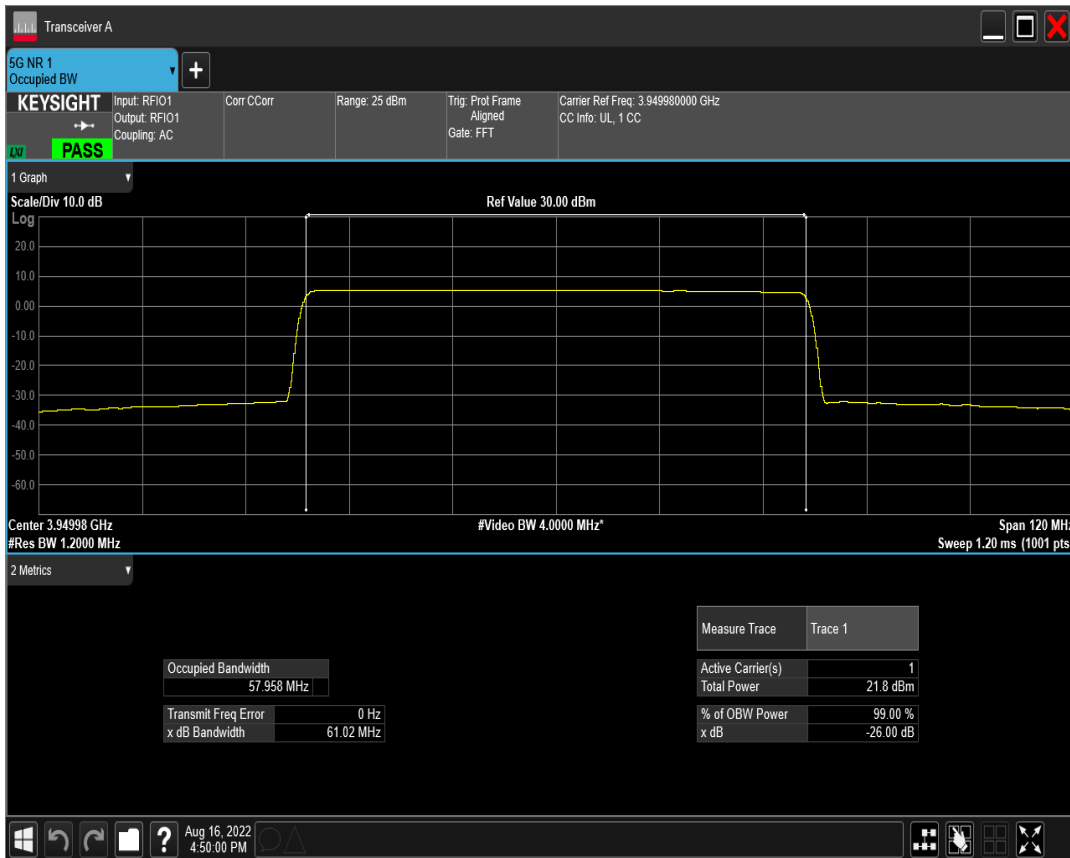
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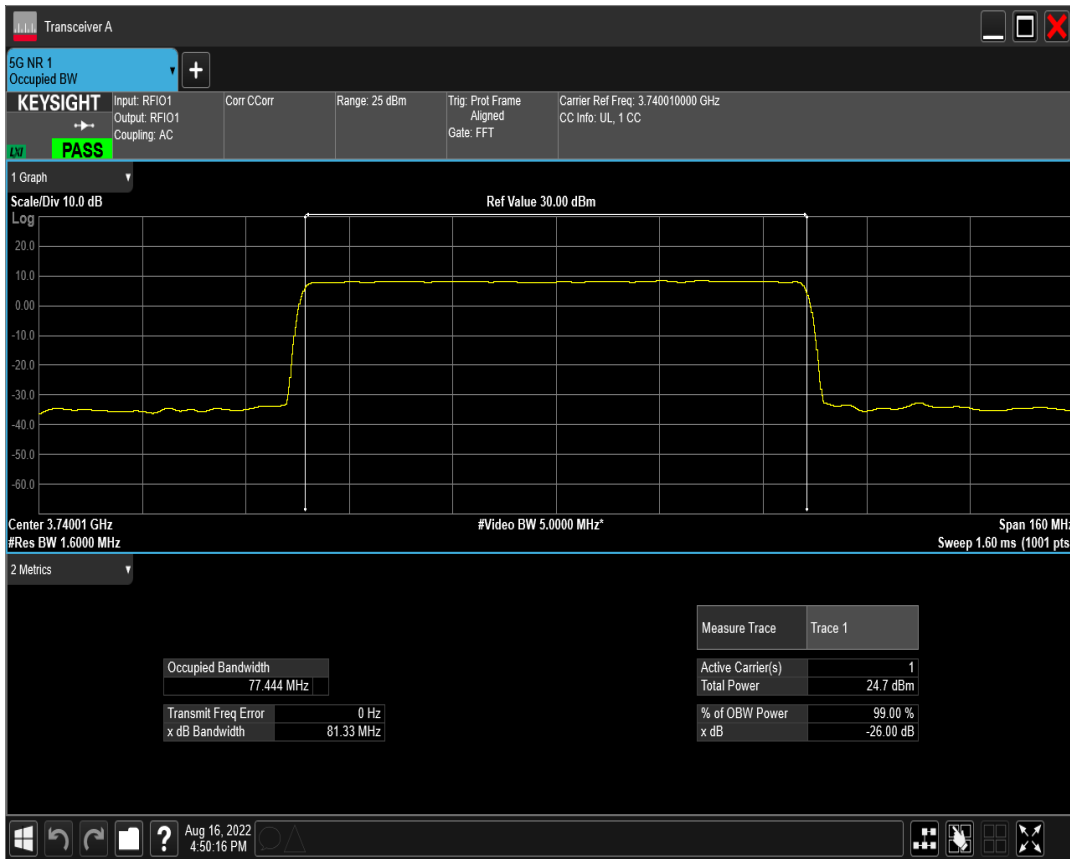
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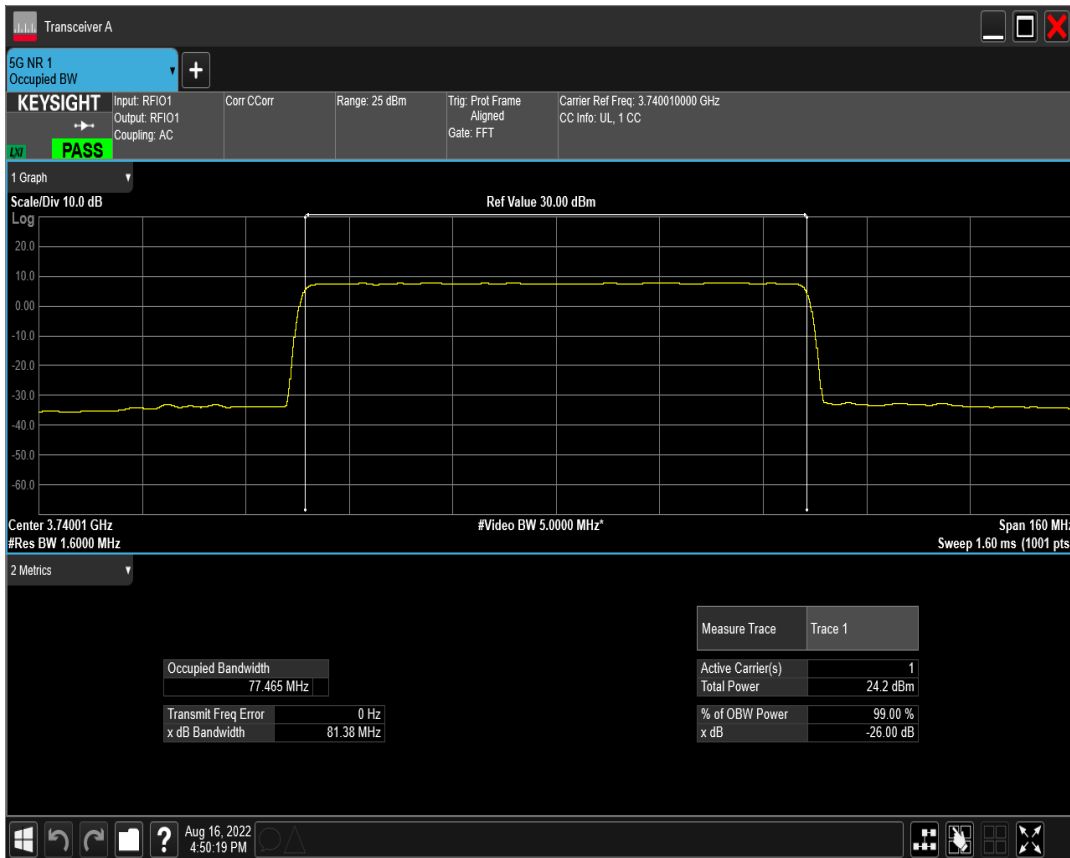
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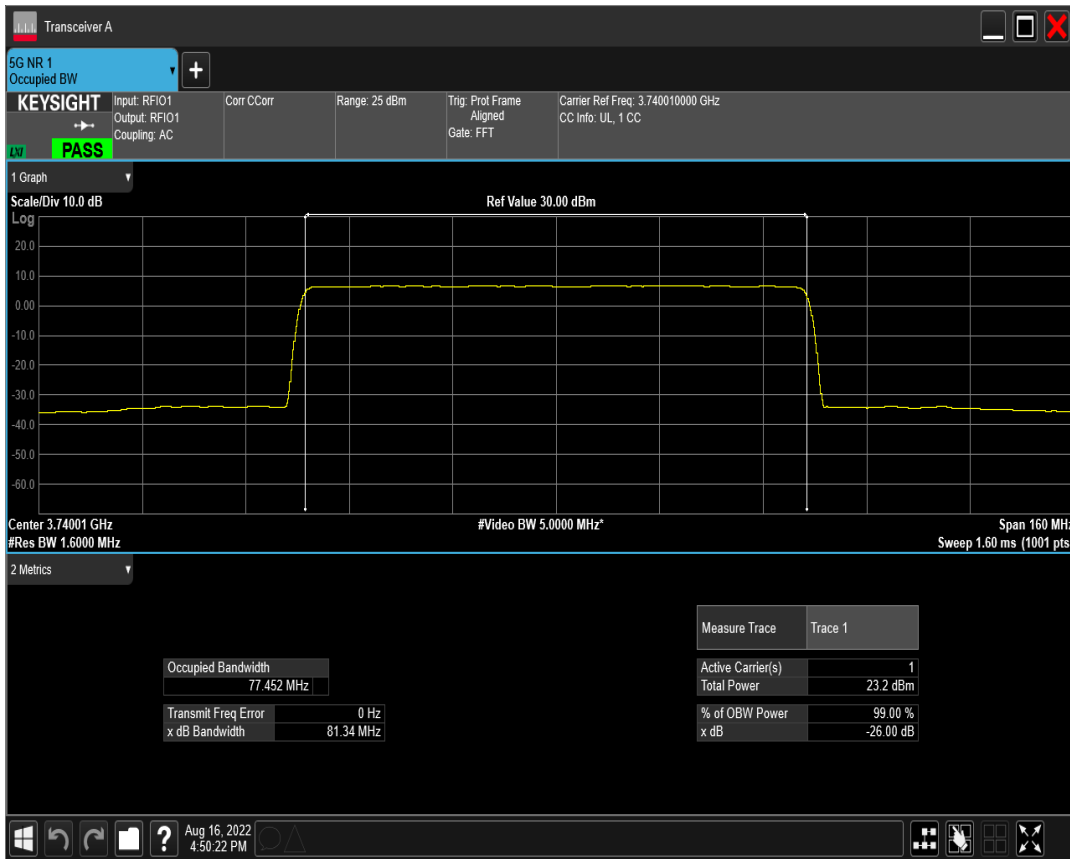
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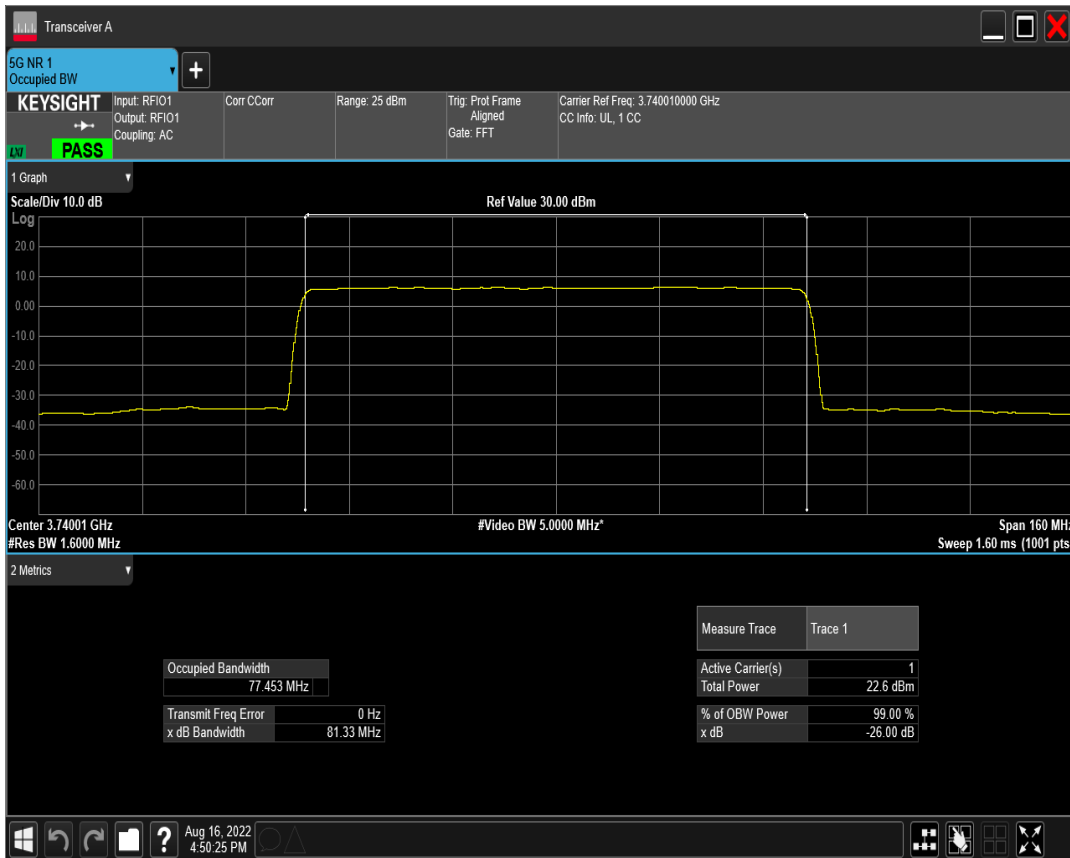
n77(3700-3980) SCS=30kHz DFT_QPSK BW=80MHz Channel=649334 RB=216@0



n77(3700-3980) SCS=30kHz DFT_QAM16 BW=80MHz Channel=649334 RB=216@0



n77(3700-3980) SCS=30kHz DFT_QAM64 BW=80MHz Channel=649334 RB=216@0



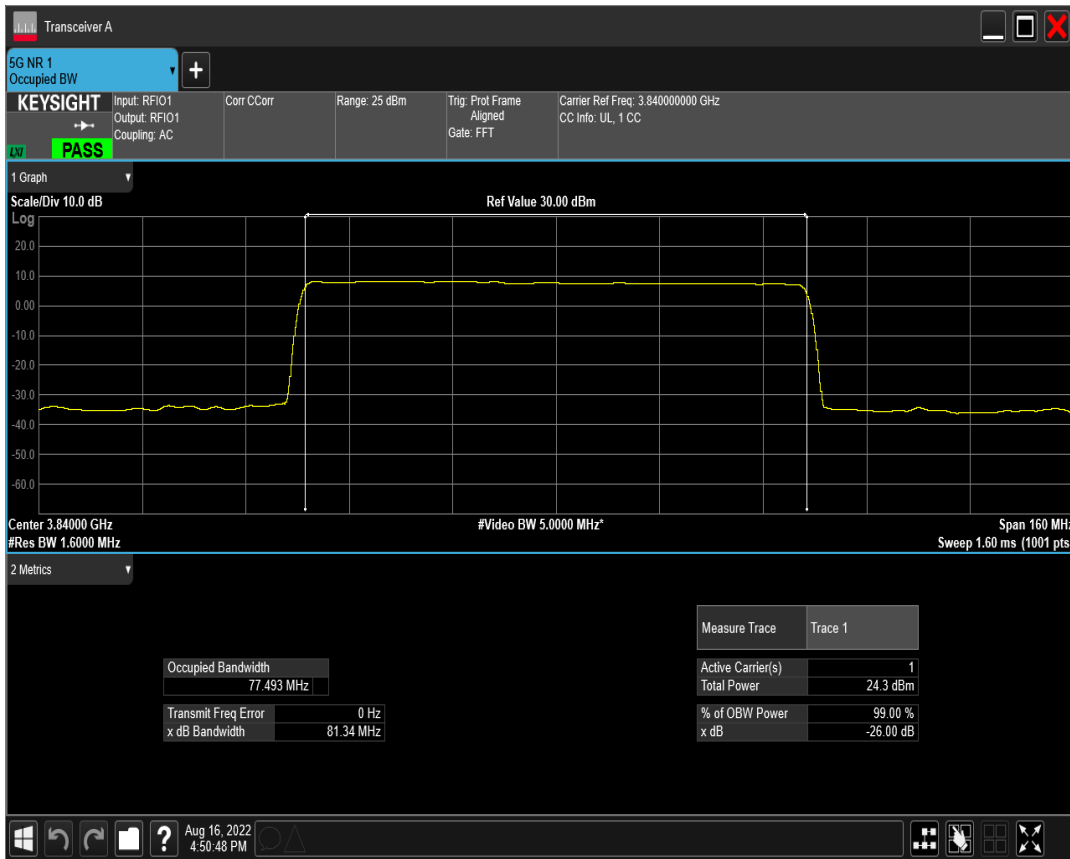
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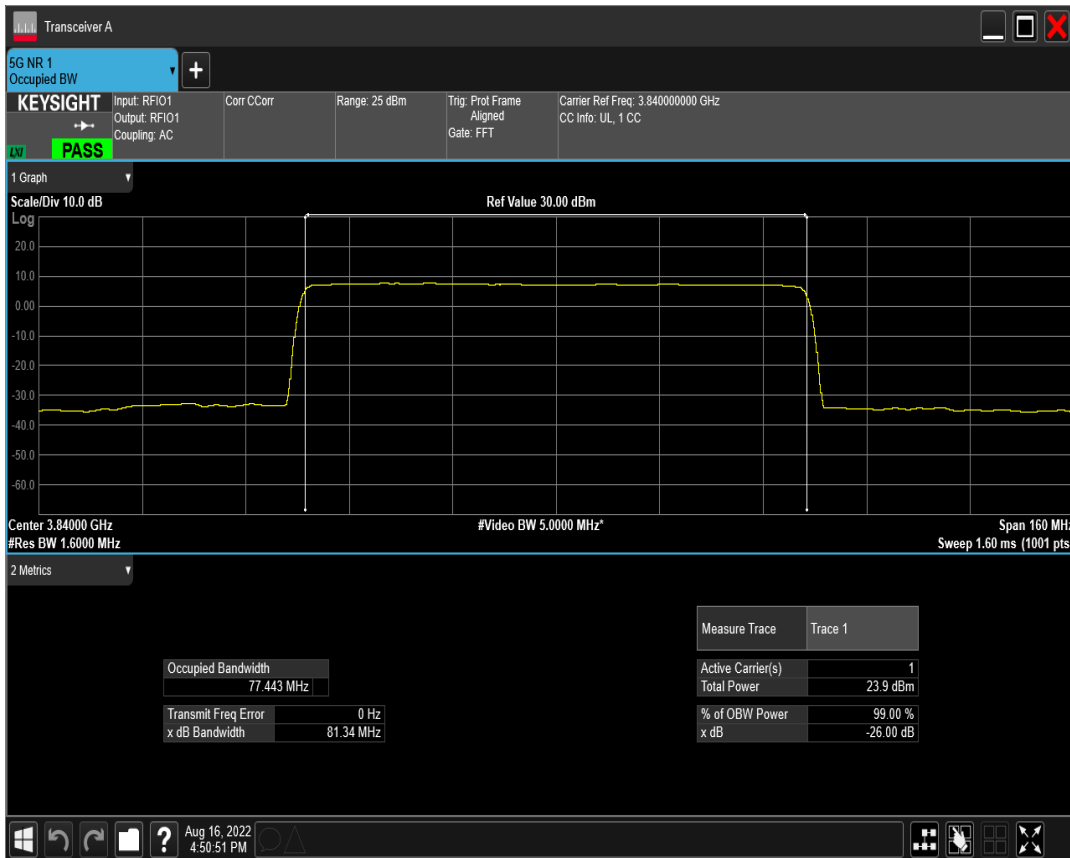
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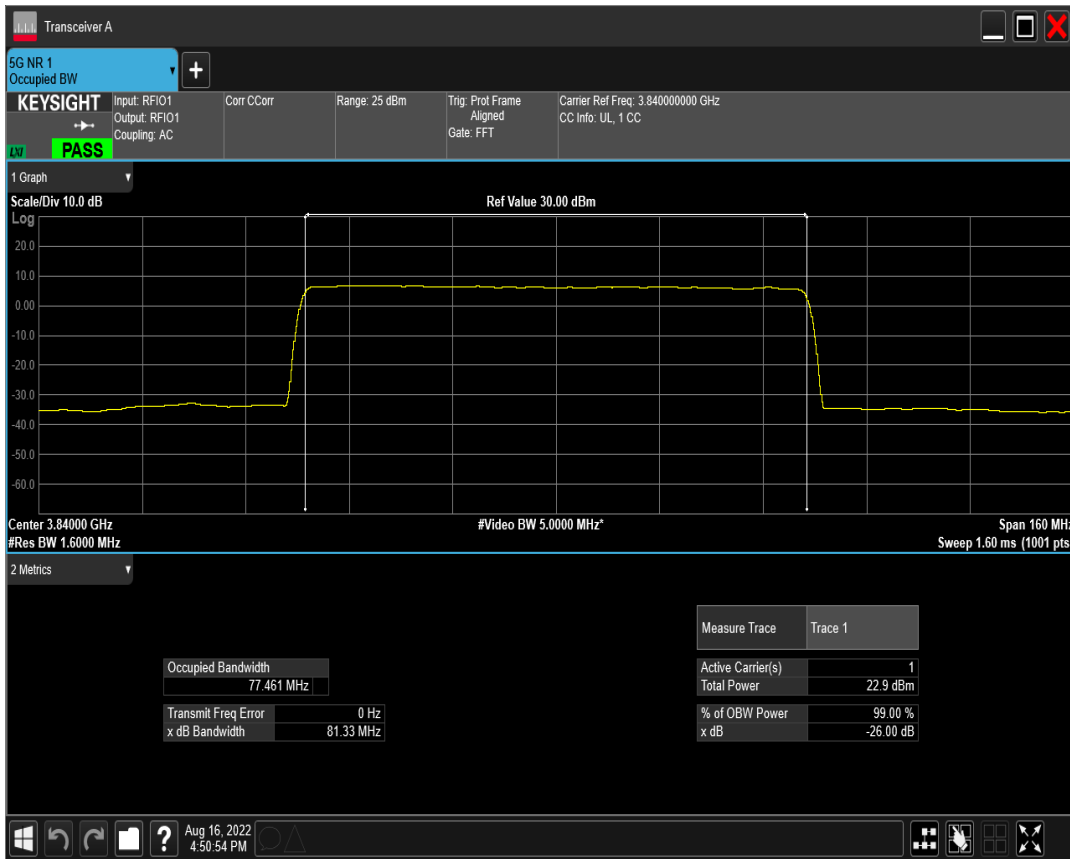
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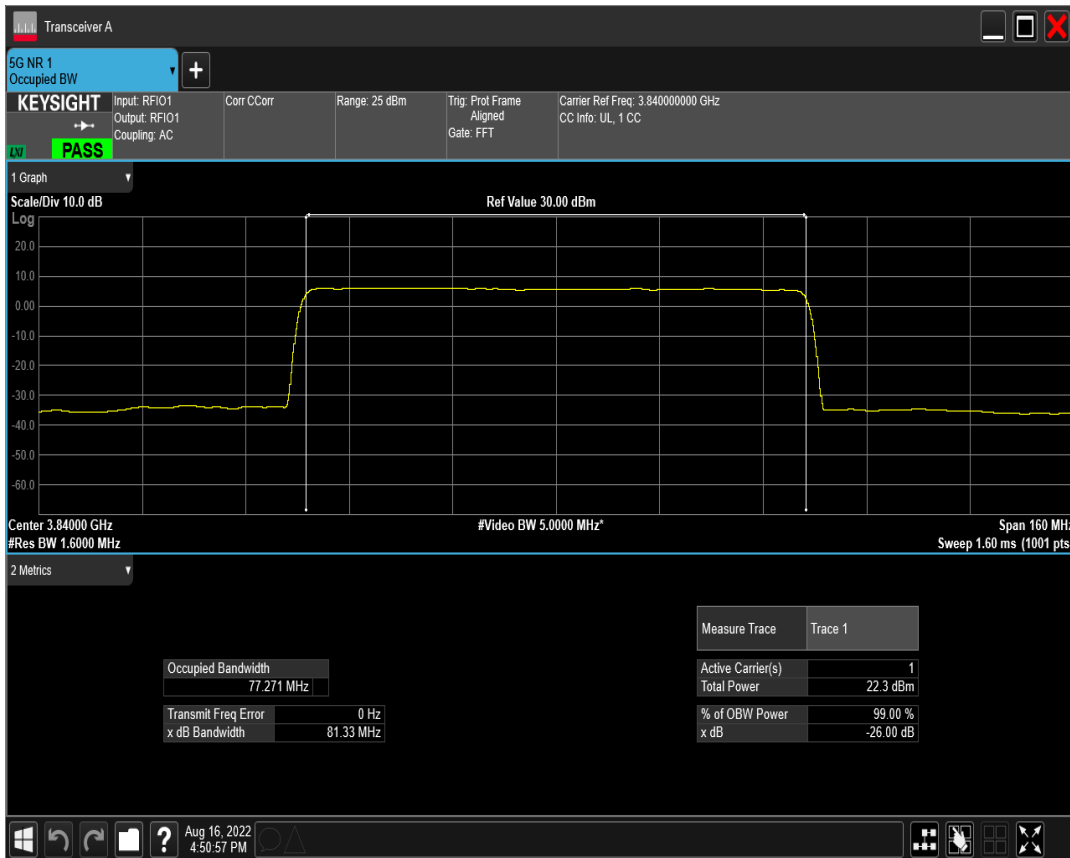
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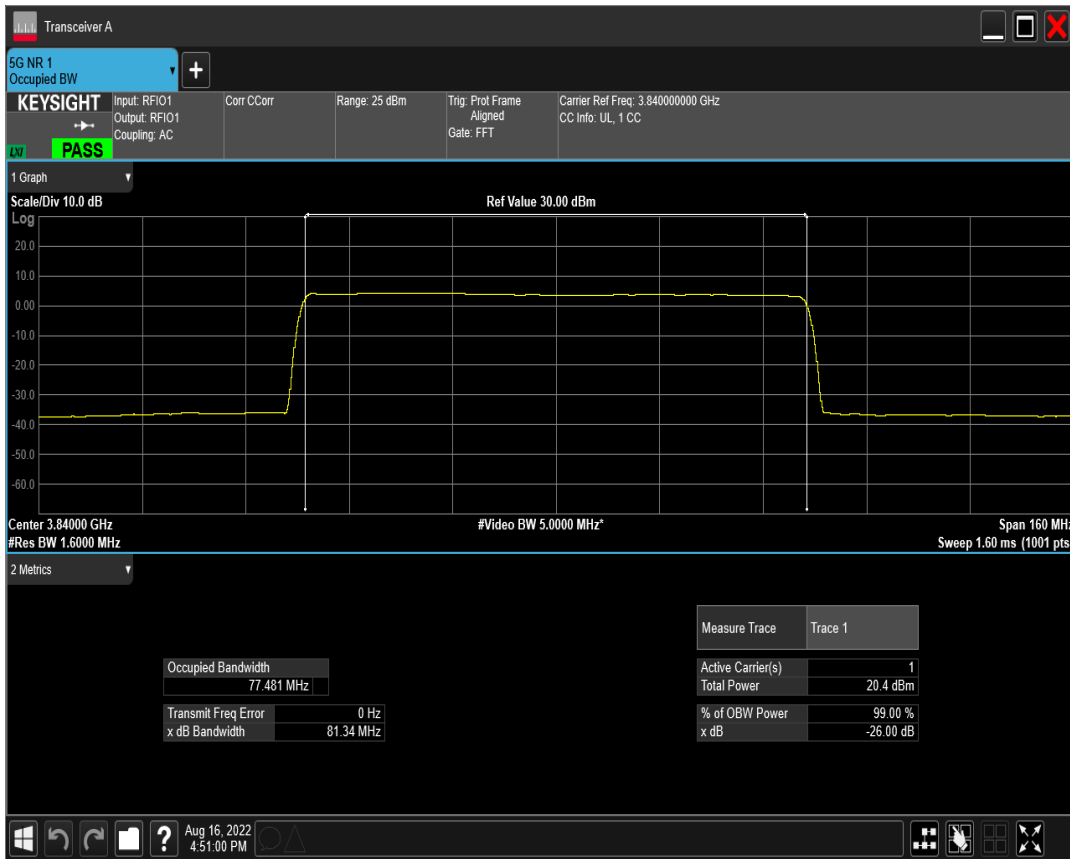
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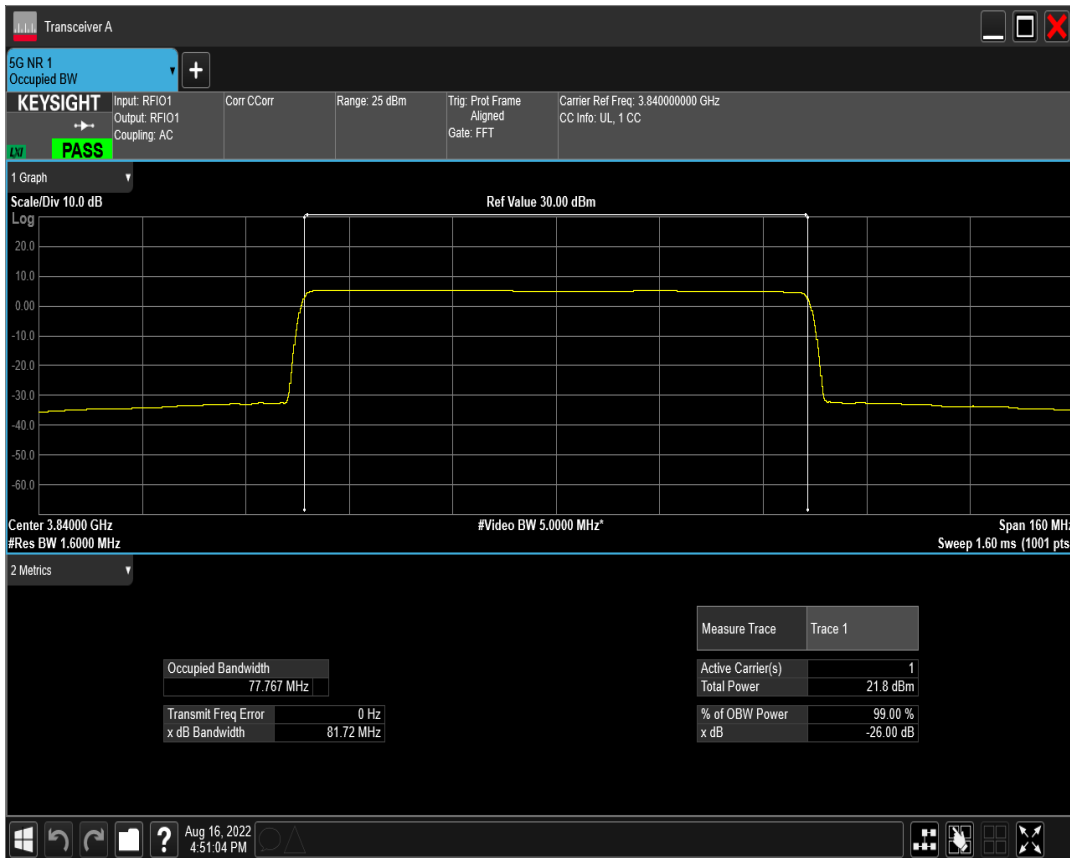
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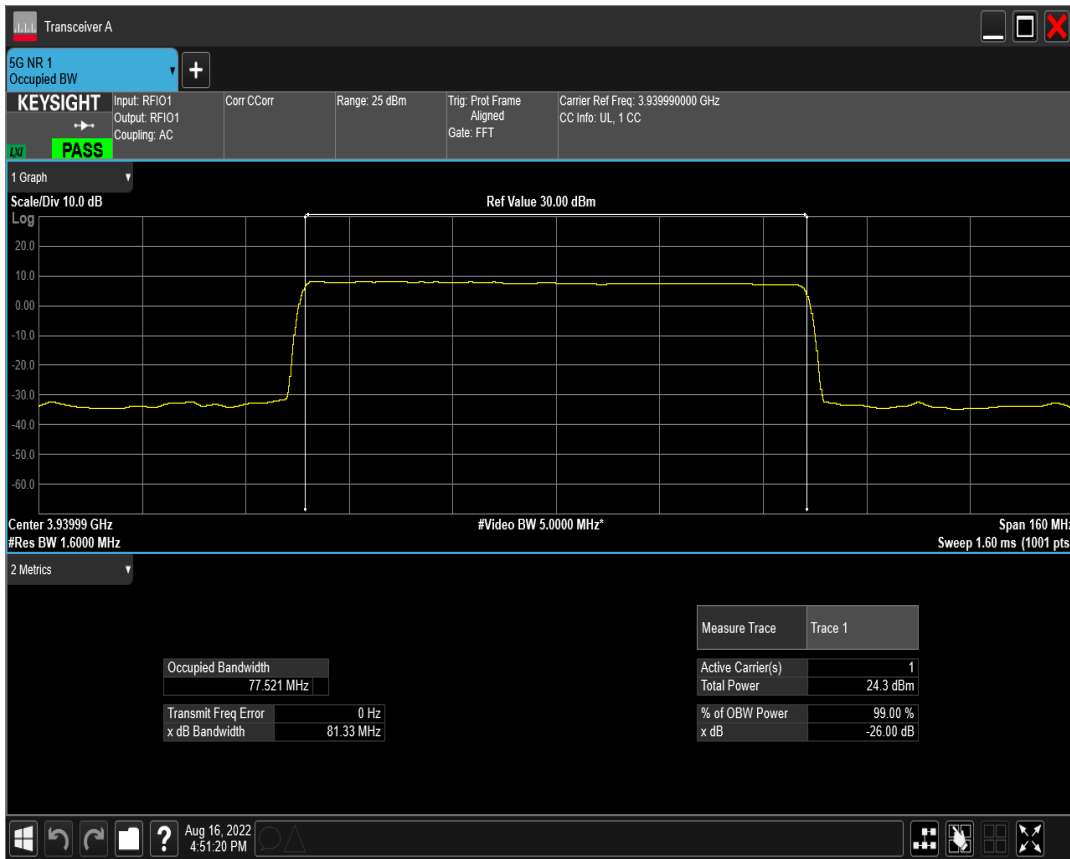
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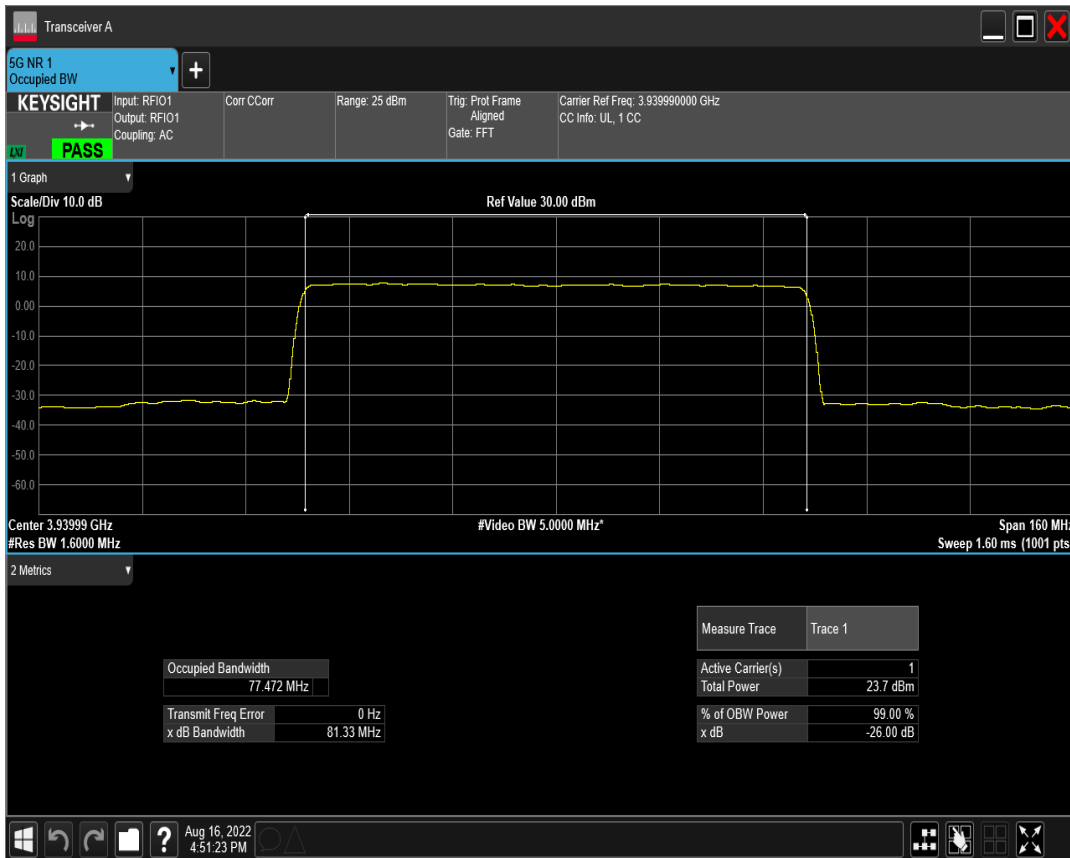
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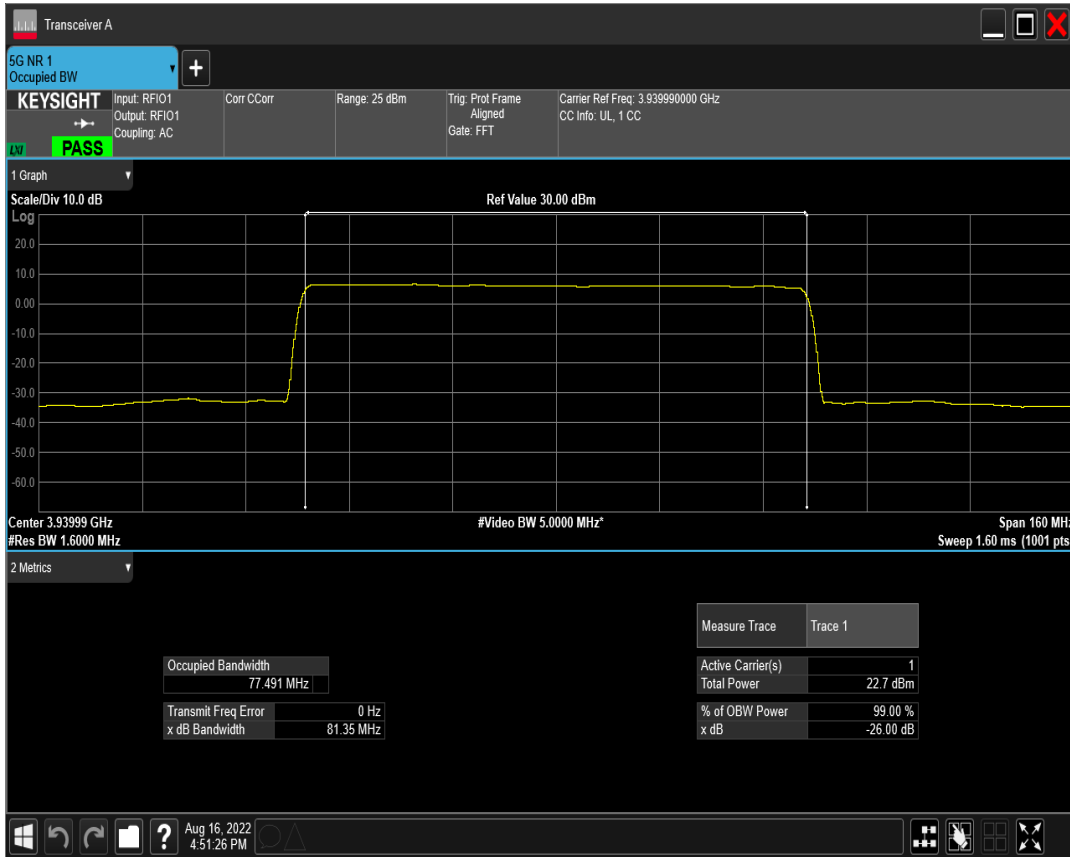
n77(3700-3980) SCS=30kHz DFT_BPSK BW=80MHz Channel=662666 RB=216@0



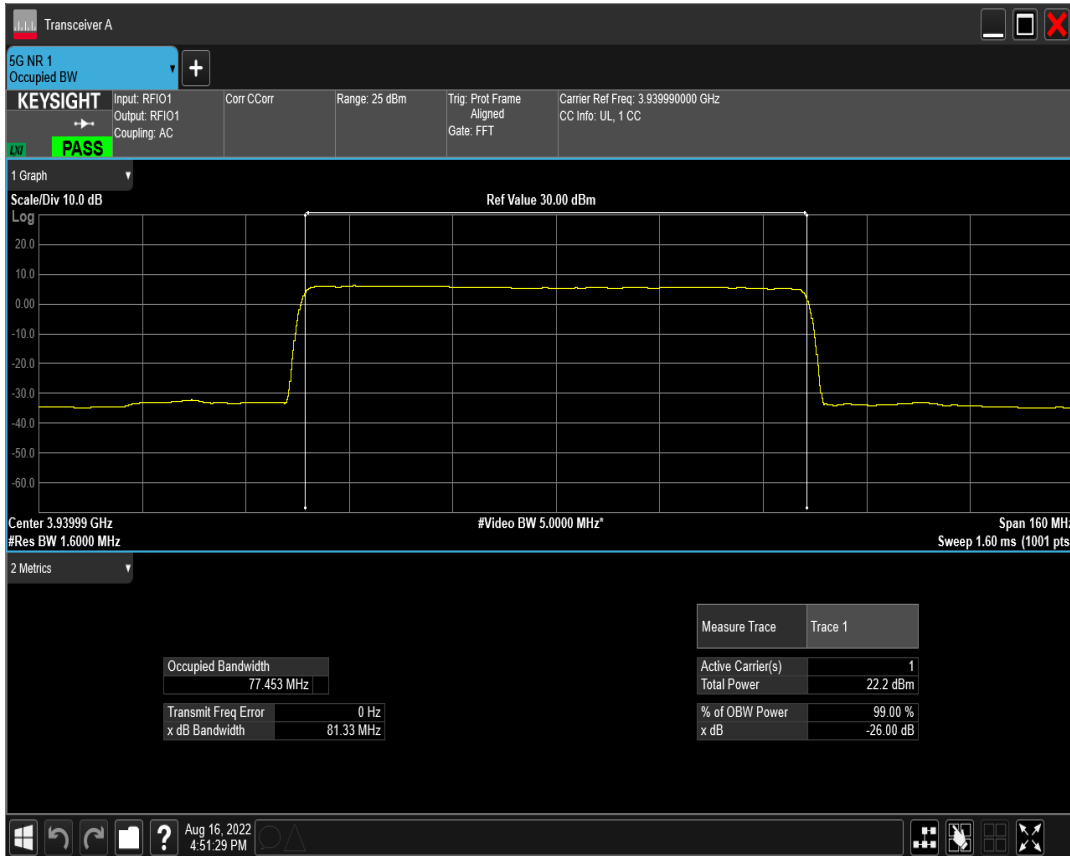
n77(3700-3980) SCS=30kHz DFT_QPSK BW=80MHz Channel=662666 RB=216@0



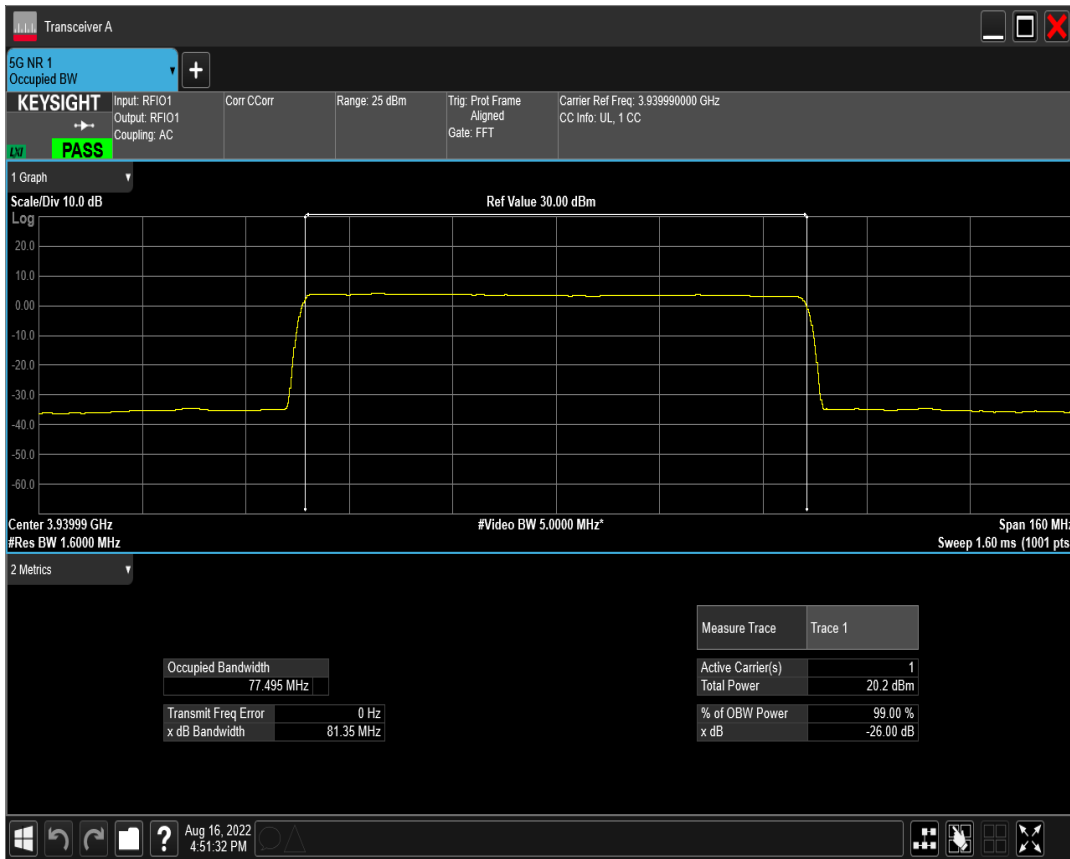
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=80MHz Channel=662666 RB=216@0



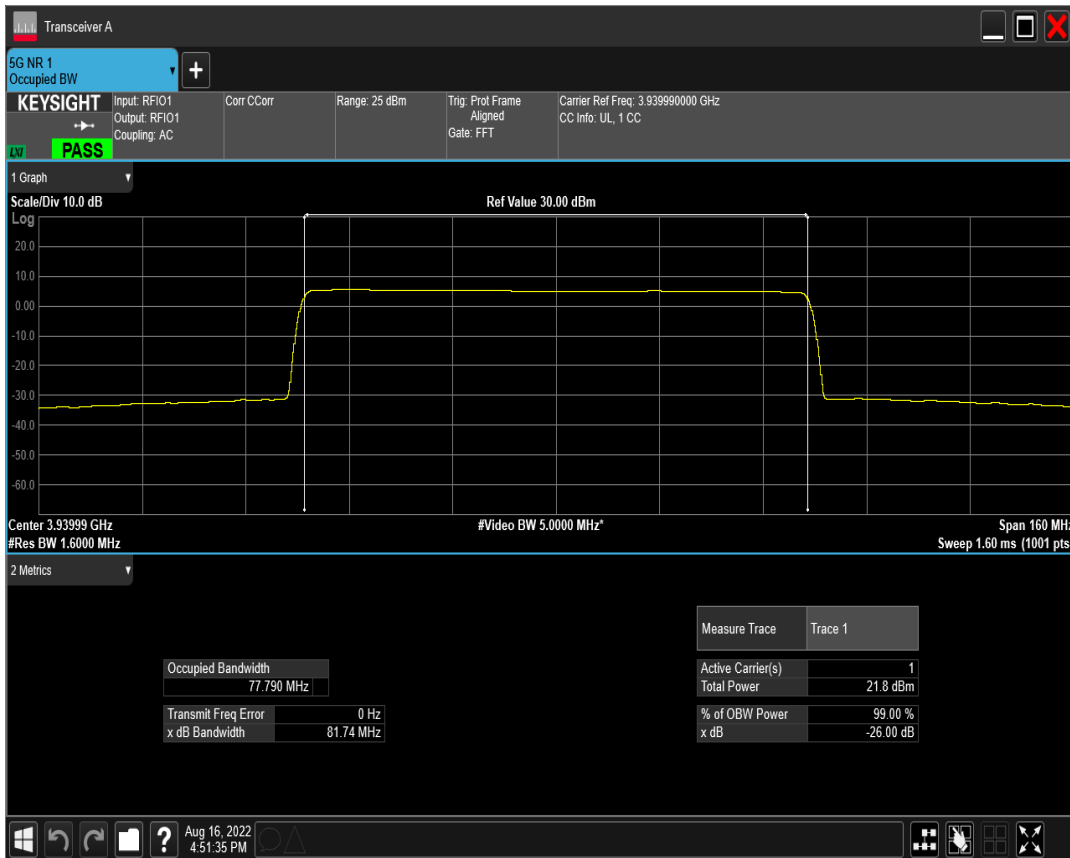
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=80MHz Channel=662666 RB=216@0



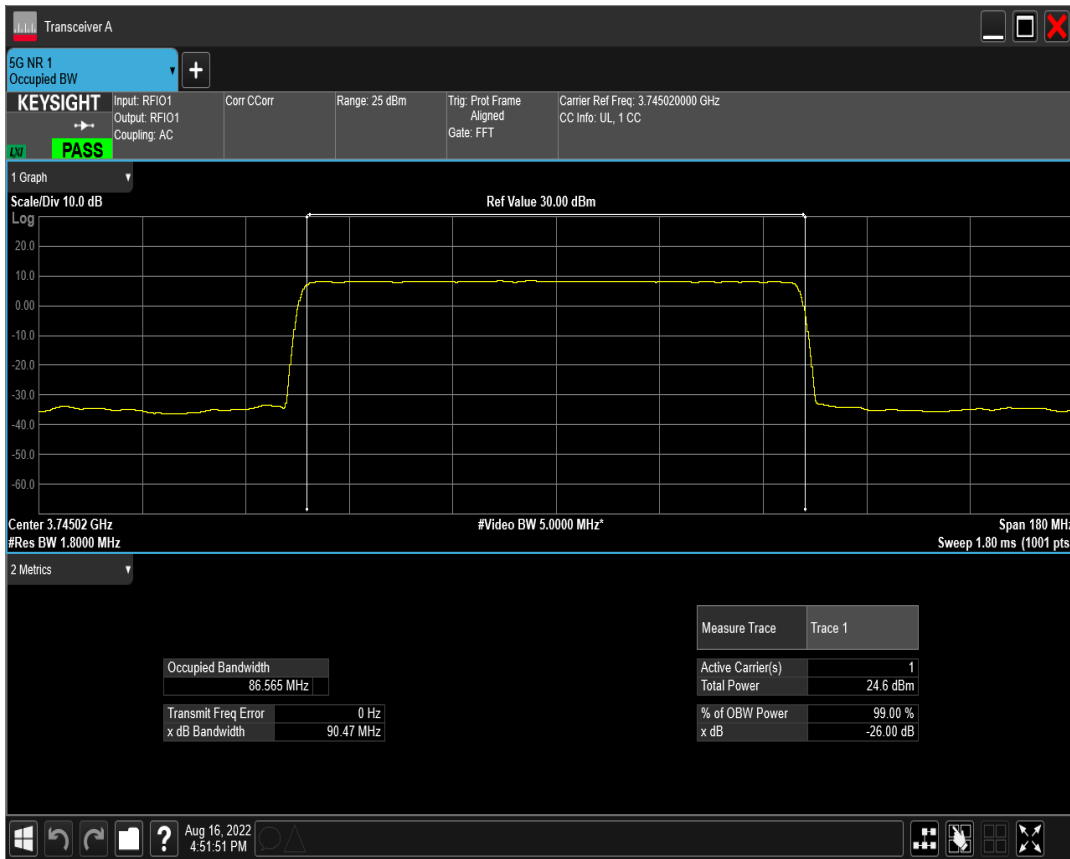
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=80MHz Channel=662666 RB=216@0



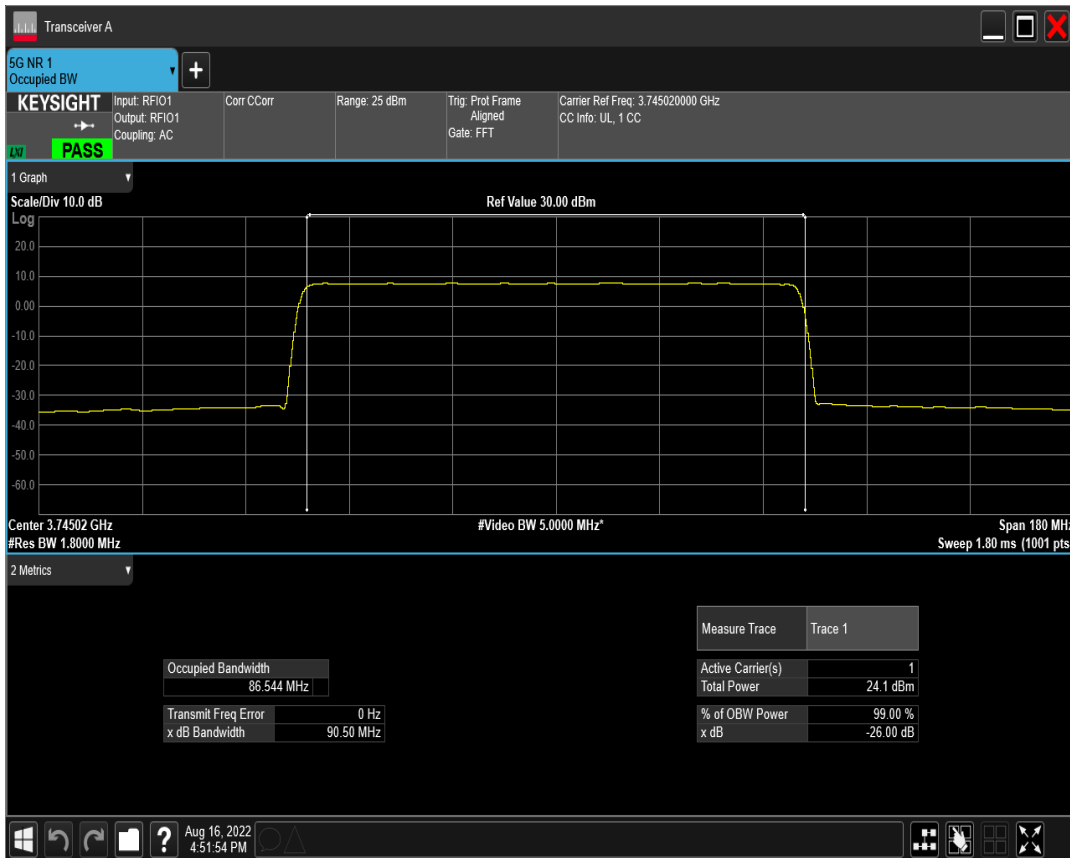
n77(3700-3980) SCS=30kHz CP_QPSK BW=80MHz Channel=662666 RB=217@0



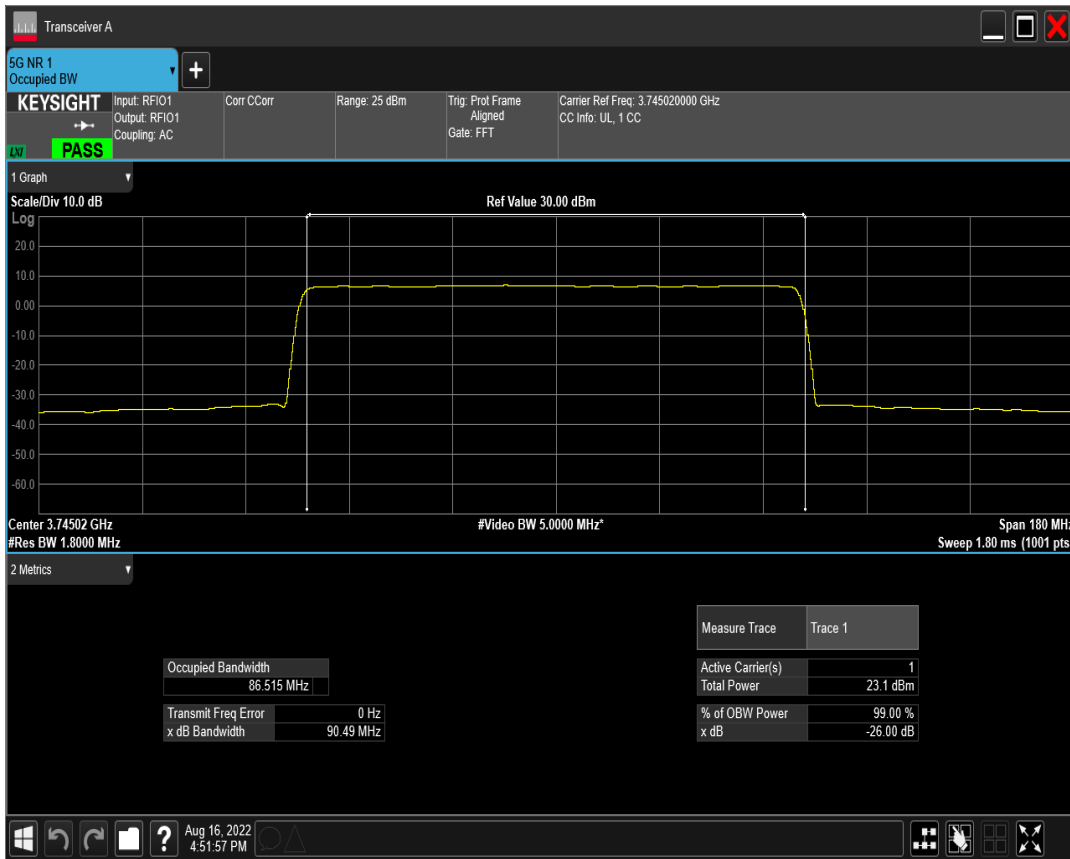
n77(3700-3980) SCS=30kHz DFT_BPSK BW=90MHz Channel=649668 RB=240@0



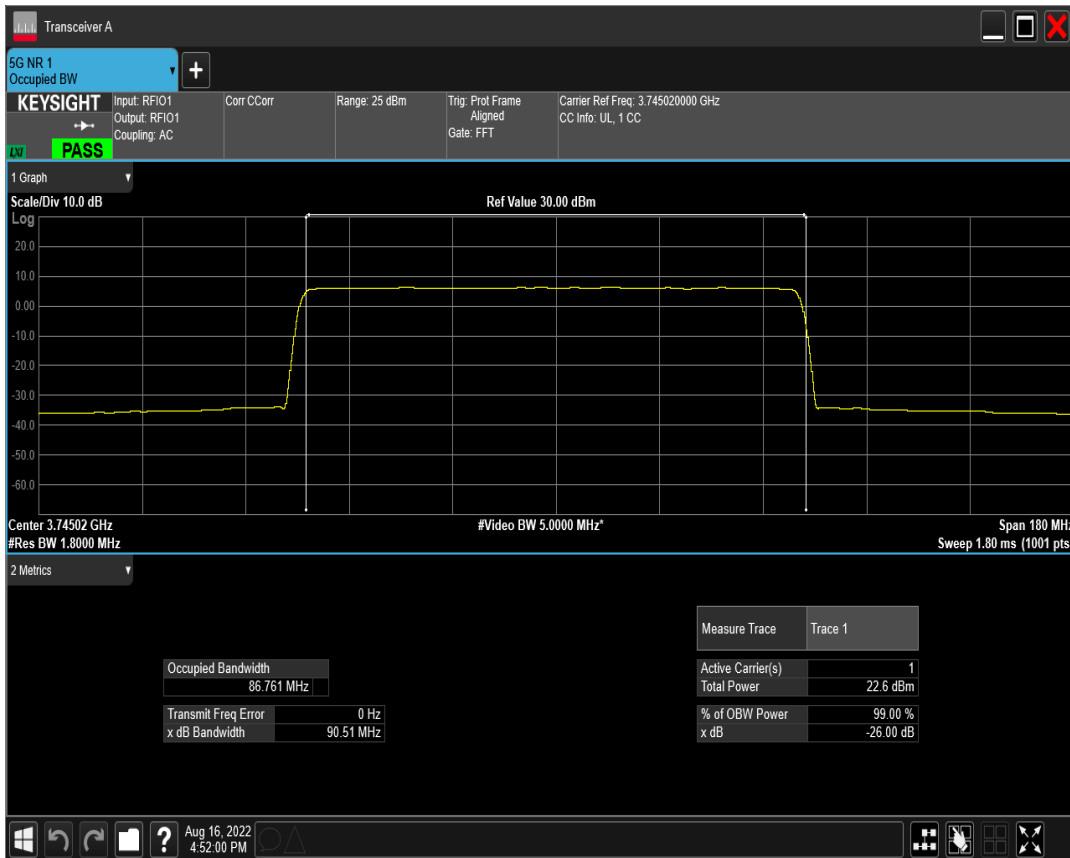
n77(3700-3980) SCS=30kHz DFT_QPSK BW=90MHz Channel=649668 RB=240@0



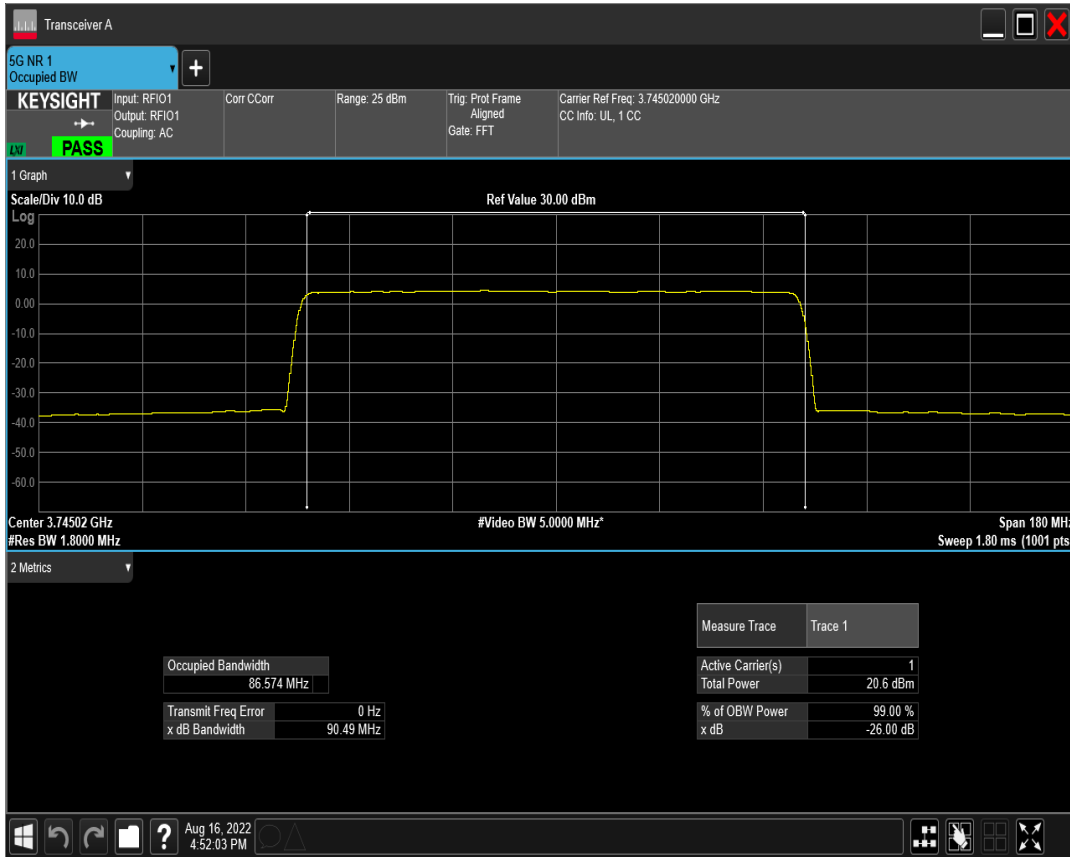
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=90MHz Channel=649668 RB=240@0



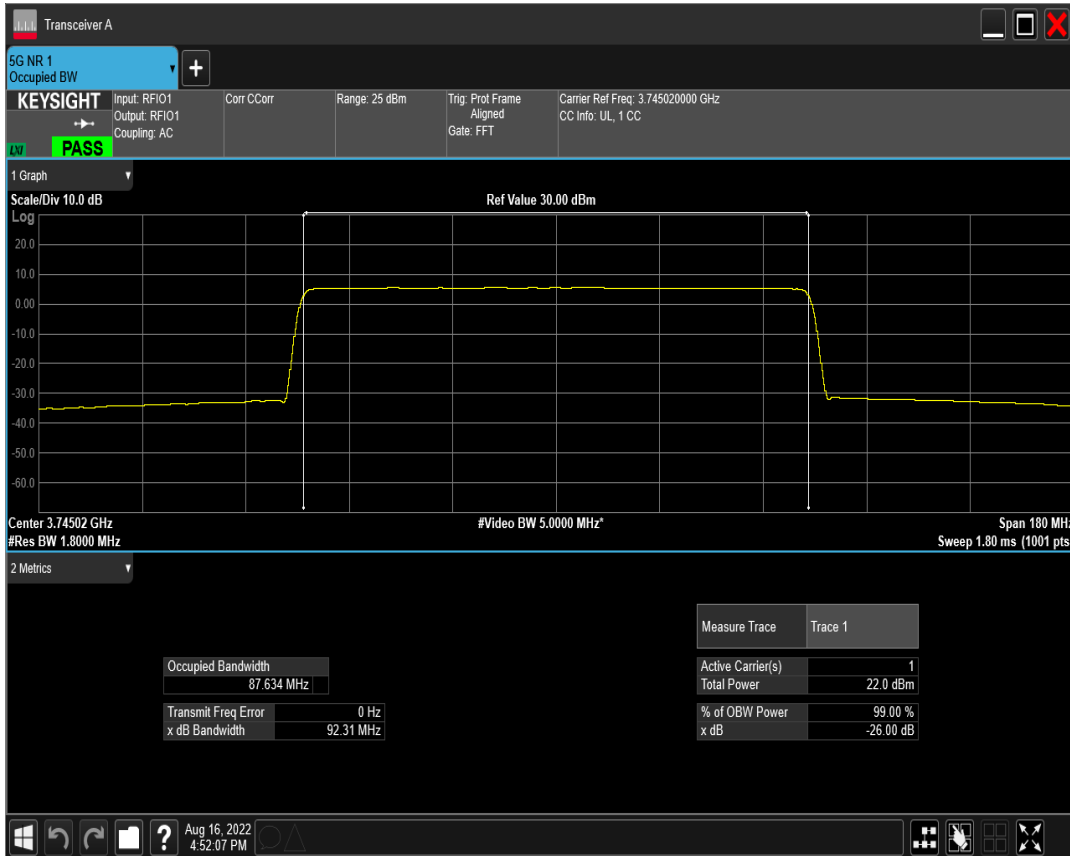
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=90MHz Channel=649668 RB=240@0



n77(3700-3980) SCS=30kHz DFT_QAM256 BW=90MHz Channel=649668 RB=240@0



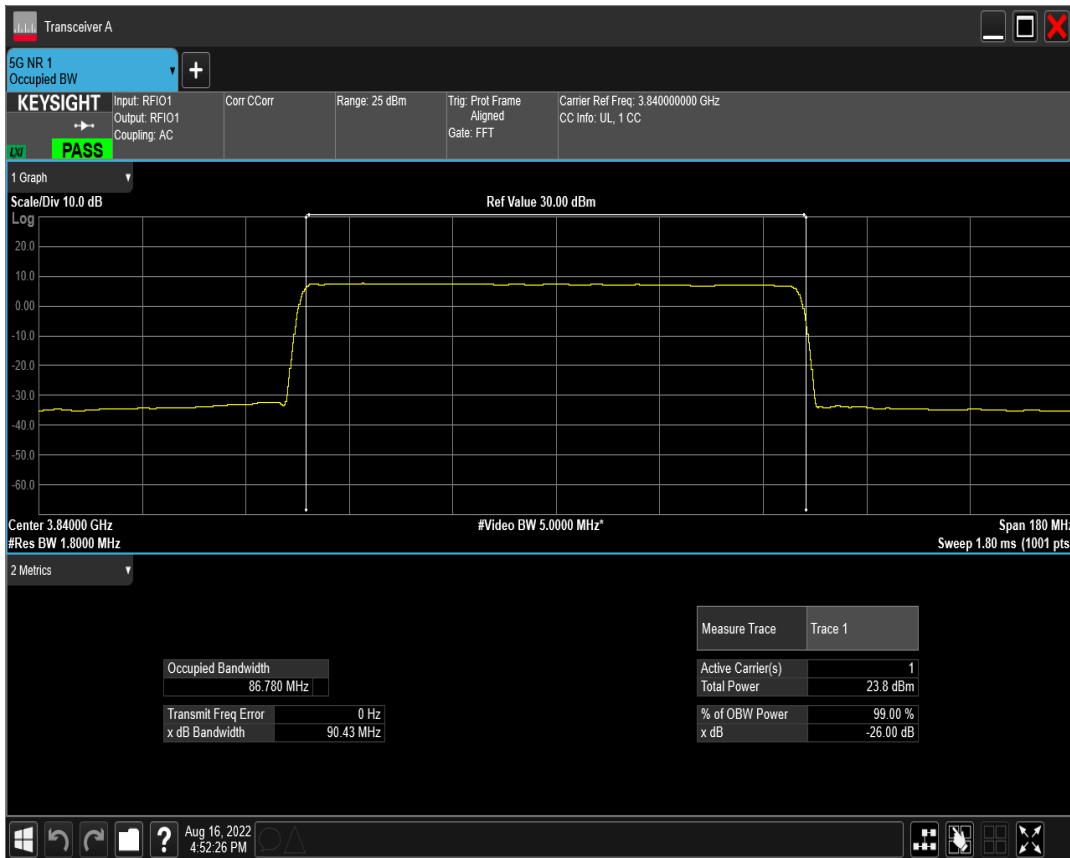
n77(3700-3980) SCS=30kHz CP_QPSK BW=90MHz Channel=649668 RB=245@0



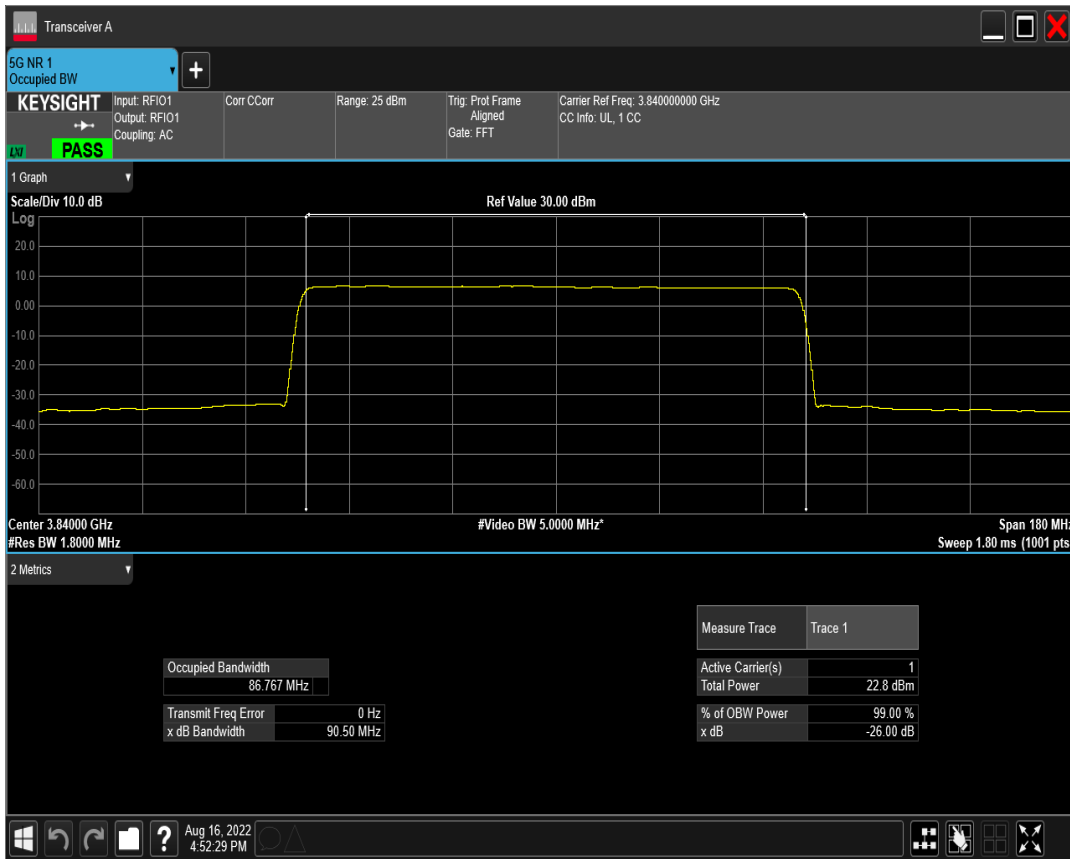
n77(3700-3980) SCS=30kHz DFT_BPSK BW=90MHz Channel=656000 RB=240@0



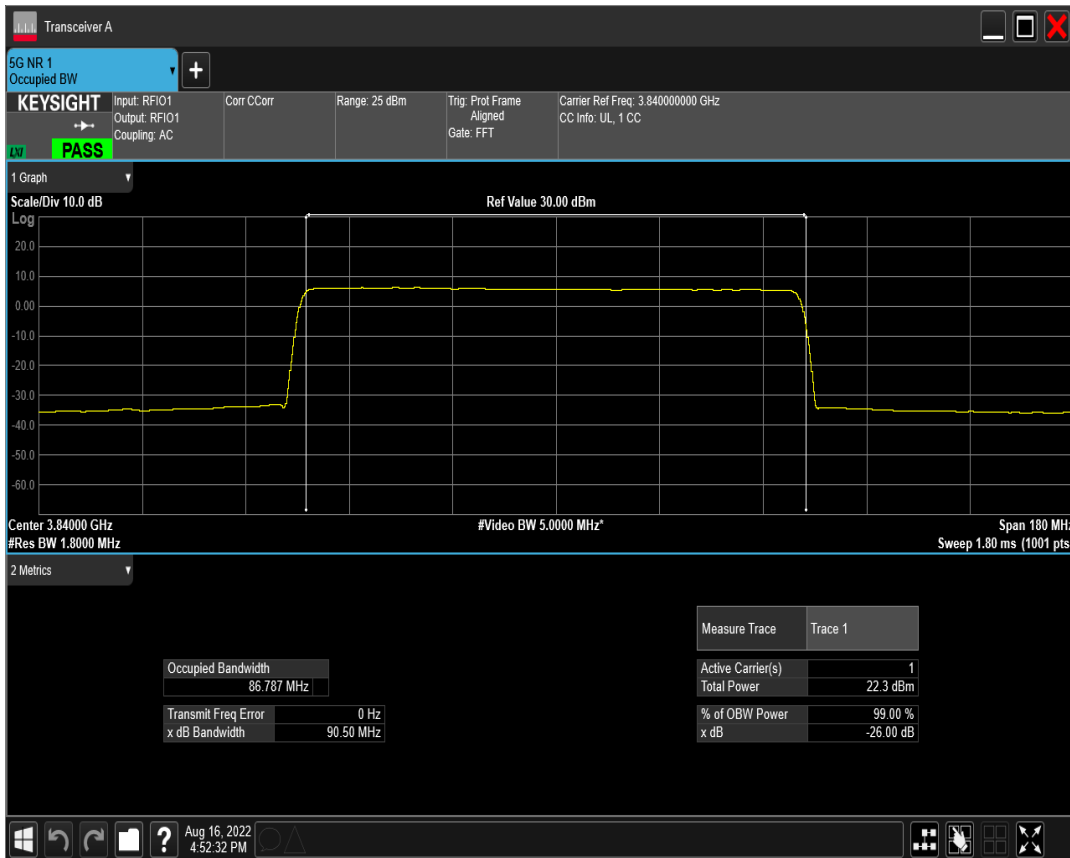
n77(3700-3980) SCS=30kHz DFT_QPSK BW=90MHz Channel=656000 RB=240@0



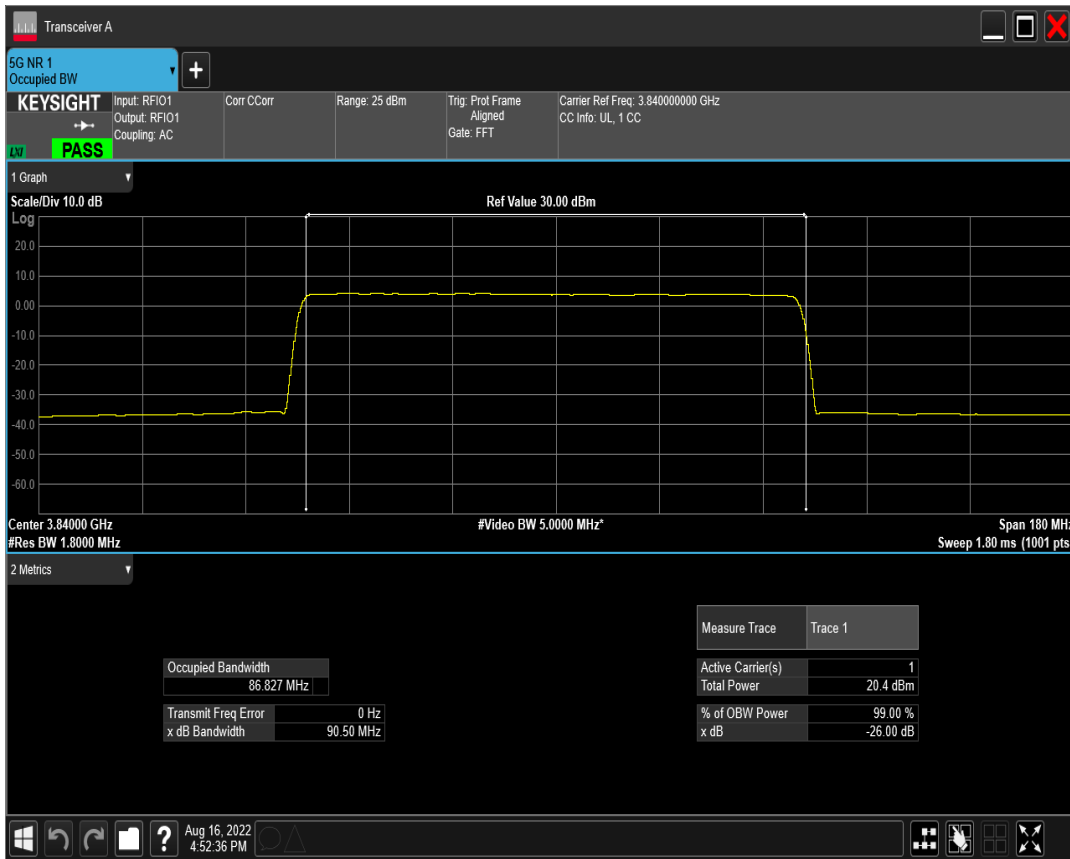
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=90MHz Channel=656000 RB=240@0



n77(3700-3980) SCS=30kHz DFT_QAM64 BW=90MHz Channel=656000 RB=240@0



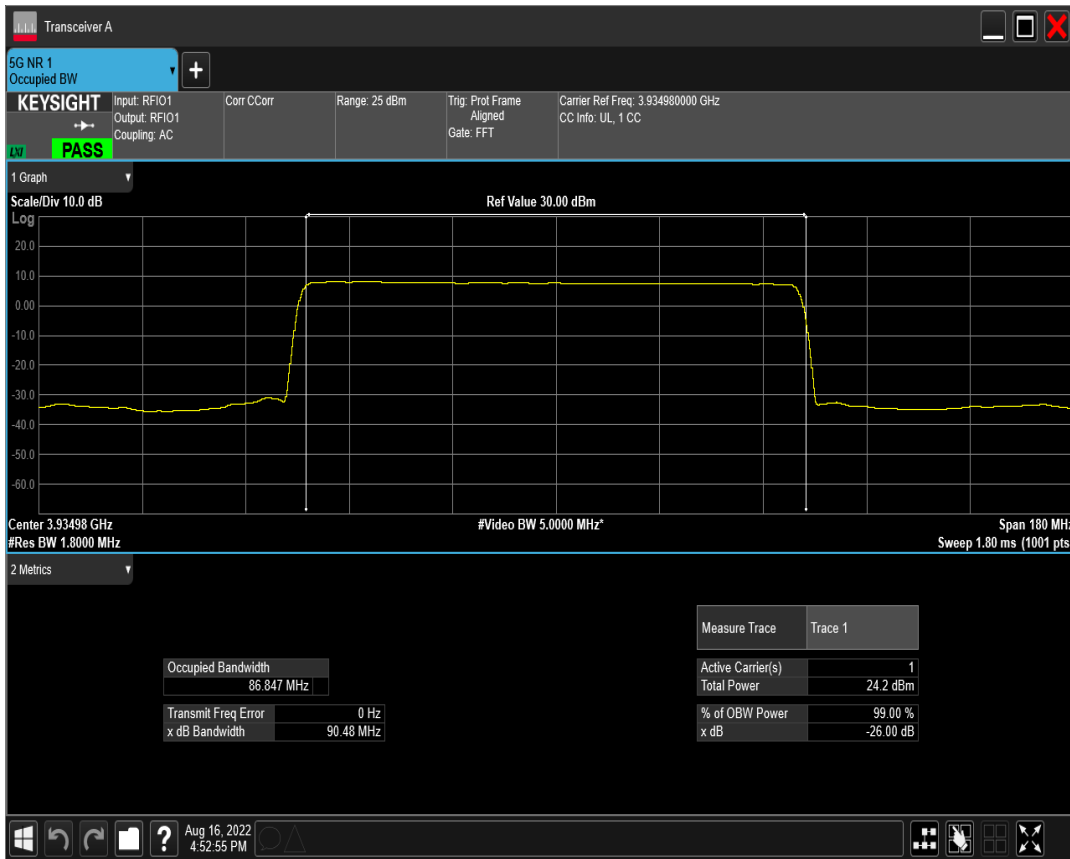
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=90MHz Channel=656000 RB=240@0



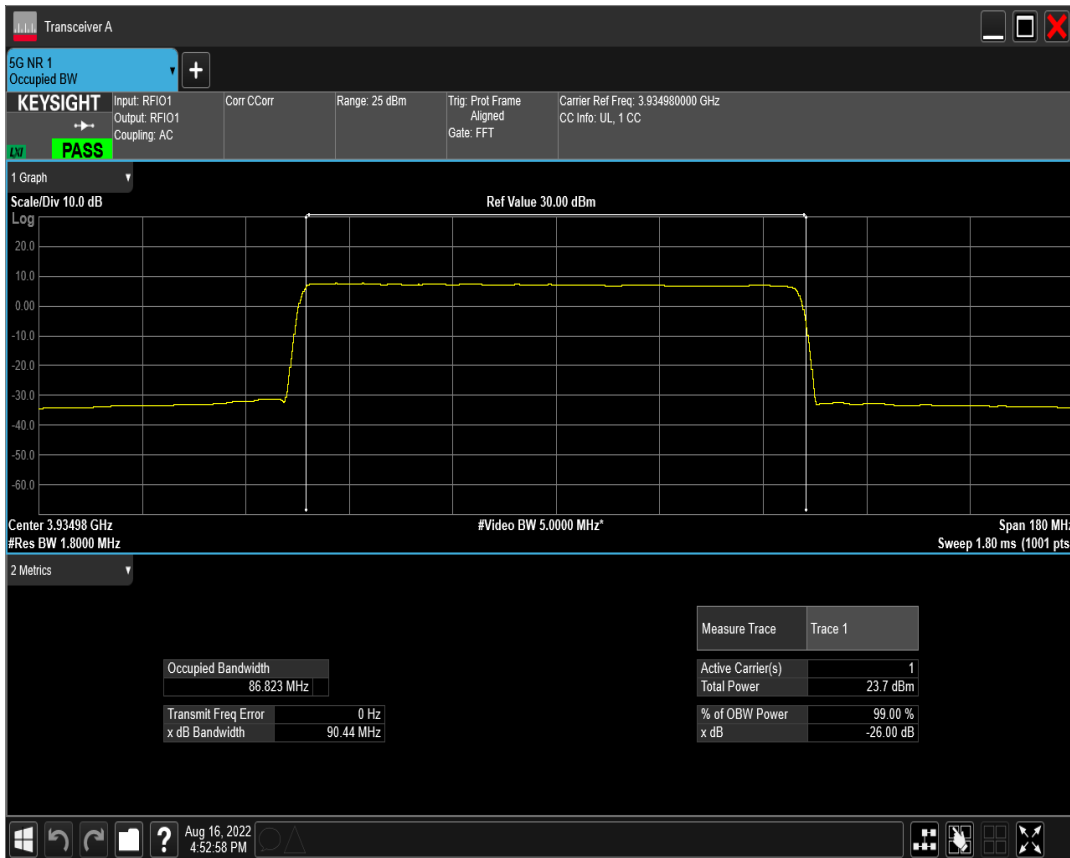
n77(3700-3980) SCS=30kHz CP_QPSK BW=90MHz Channel=656000 RB=245@0



n77(3700-3980) SCS=30kHz DFT_BPSK BW=90MHz Channel=662332 RB=240@0



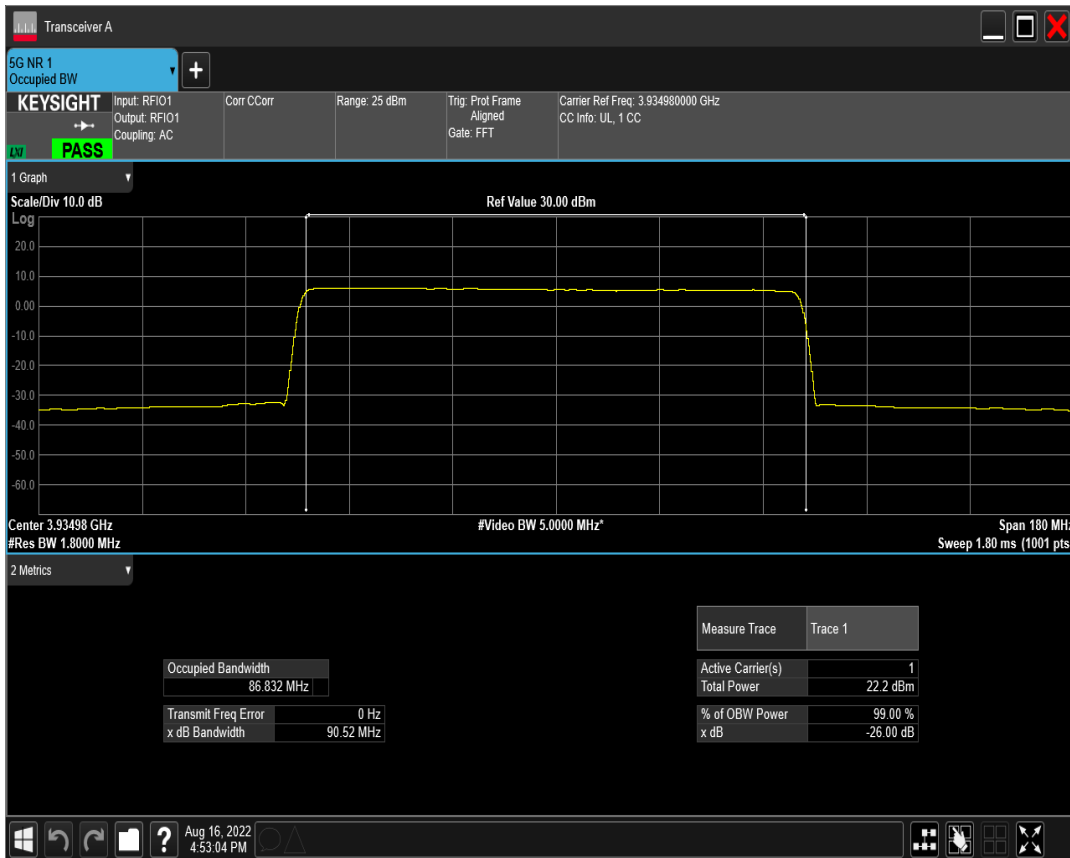
n77(3700-3980) SCS=30kHz DFT_QPSK BW=90MHz Channel=662332 RB=240@0



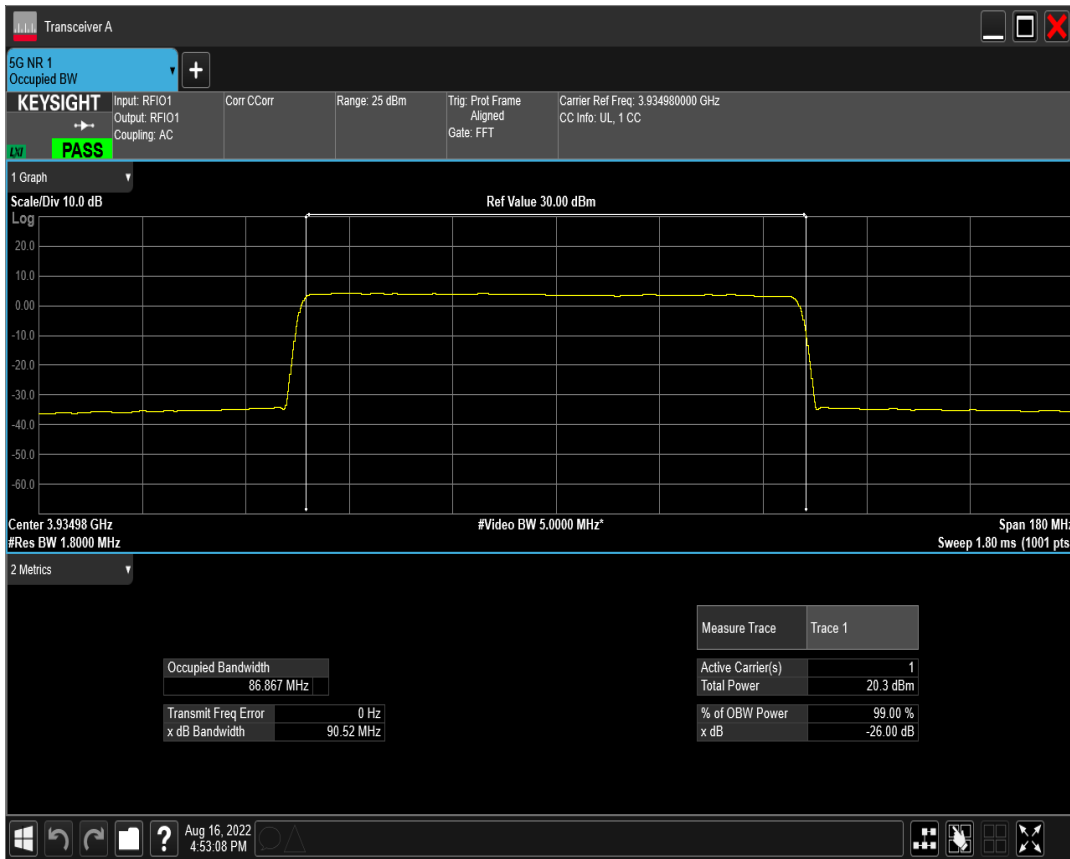
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=90MHz Channel=662332 RB=240@0



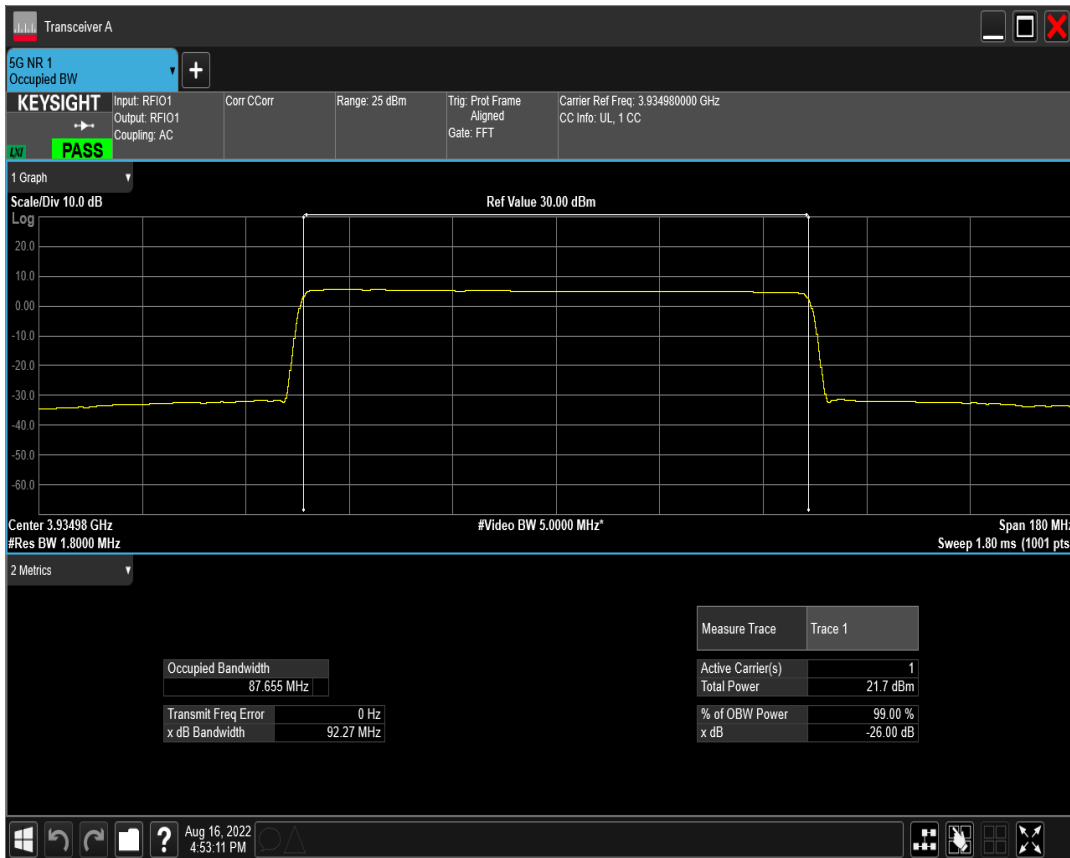
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=90MHz Channel=662332 RB=240@0



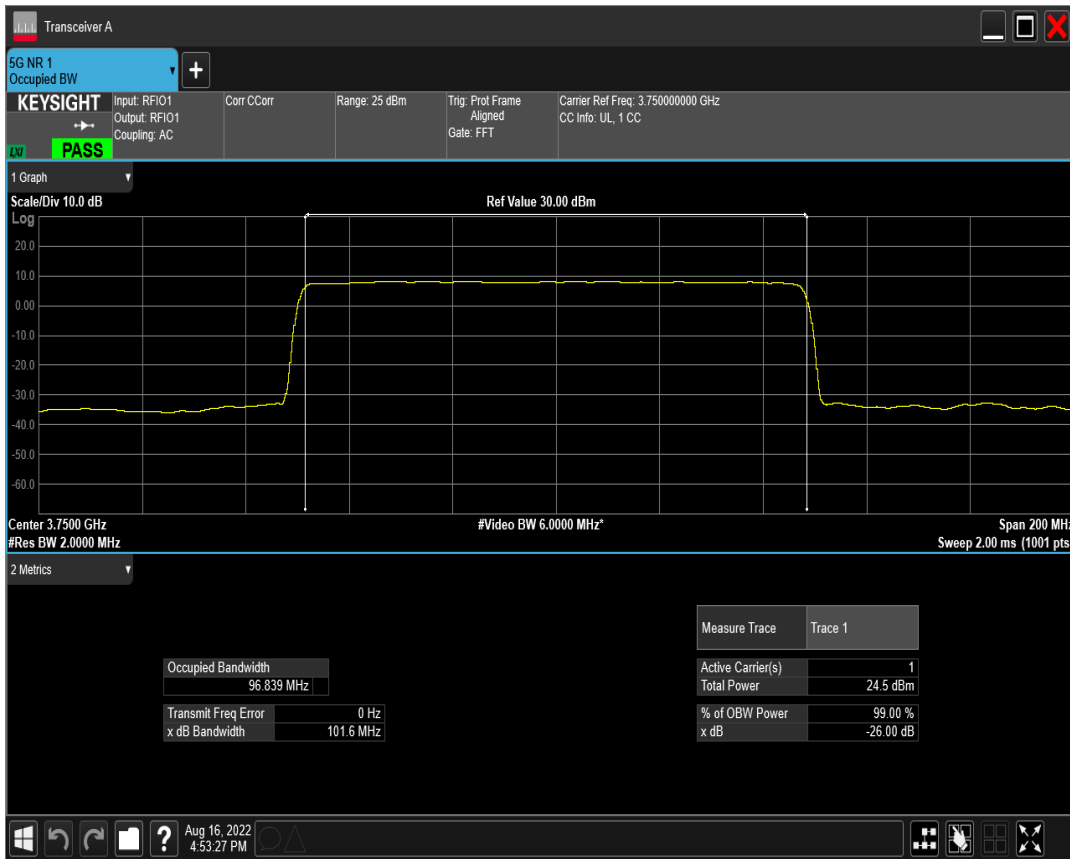
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=90MHz Channel=662332 RB=240@0



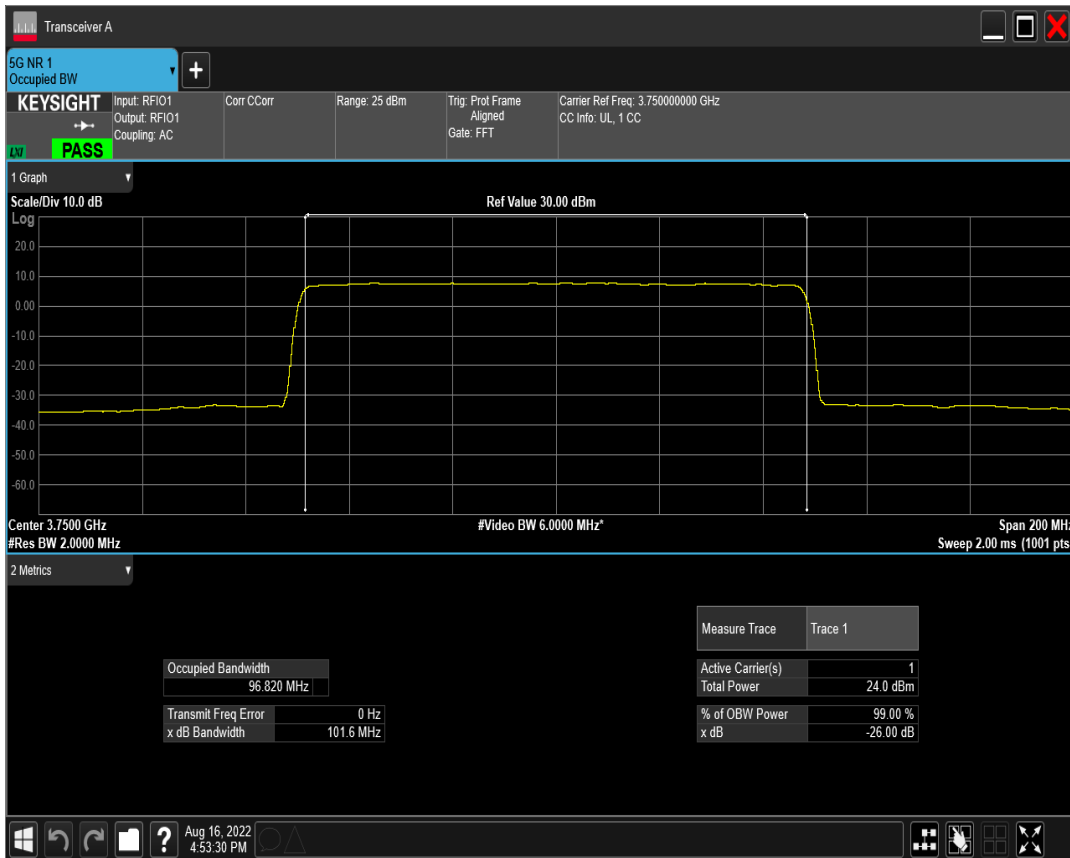
n77(3700-3980) SCS=30kHz CP_QPSK BW=90MHz Channel=662332 RB=245@0



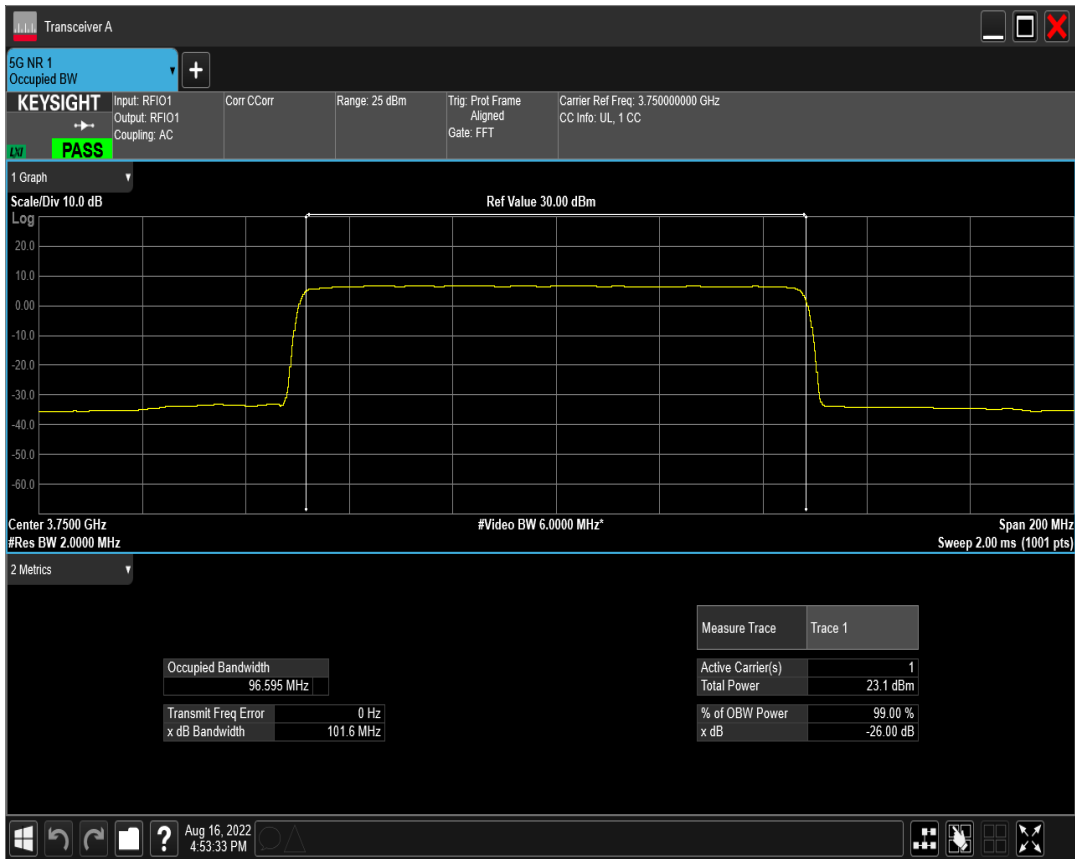
n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz Channel=650000 RB=270@0



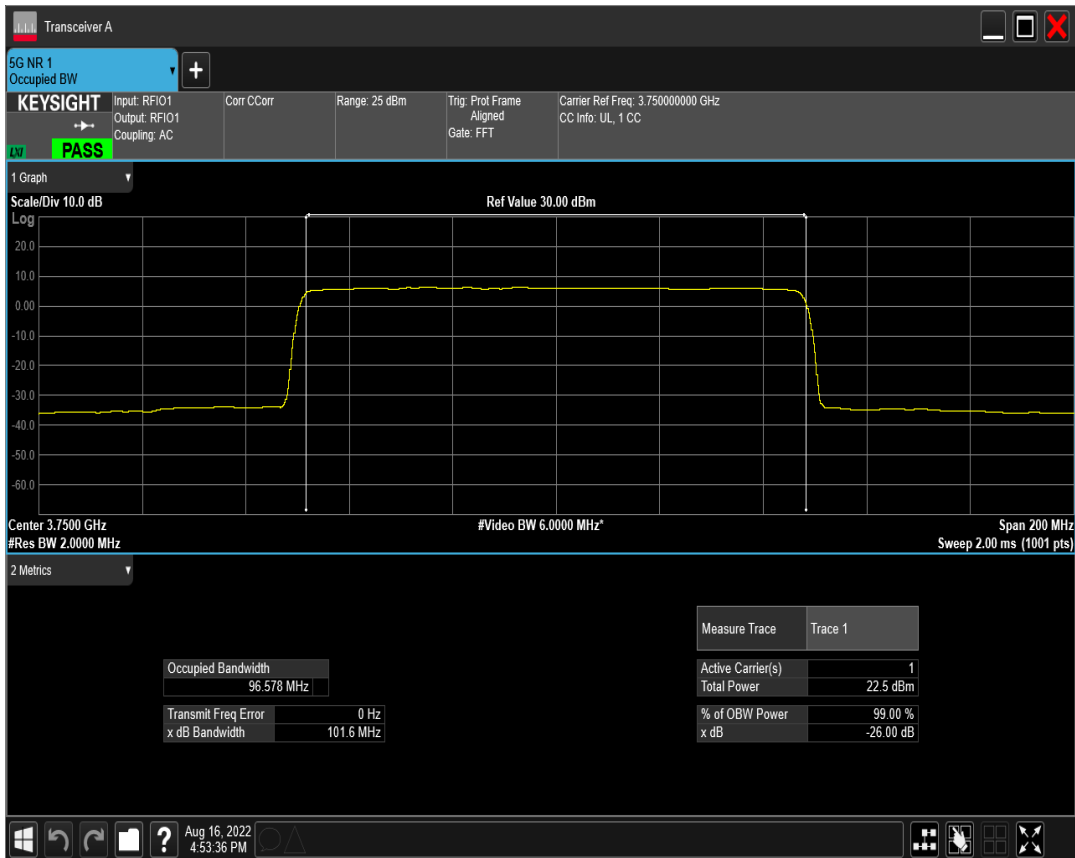
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=650000 RB=270@0



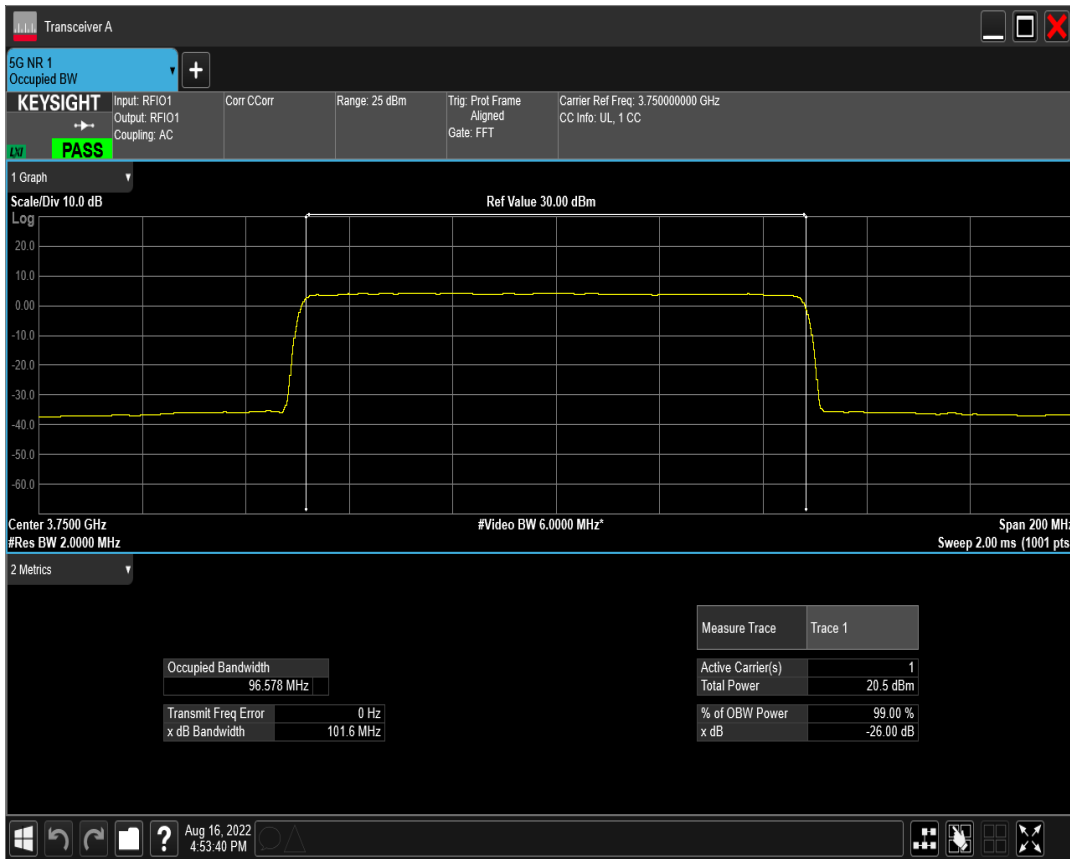
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=100MHz Channel=650000 RB=270@0



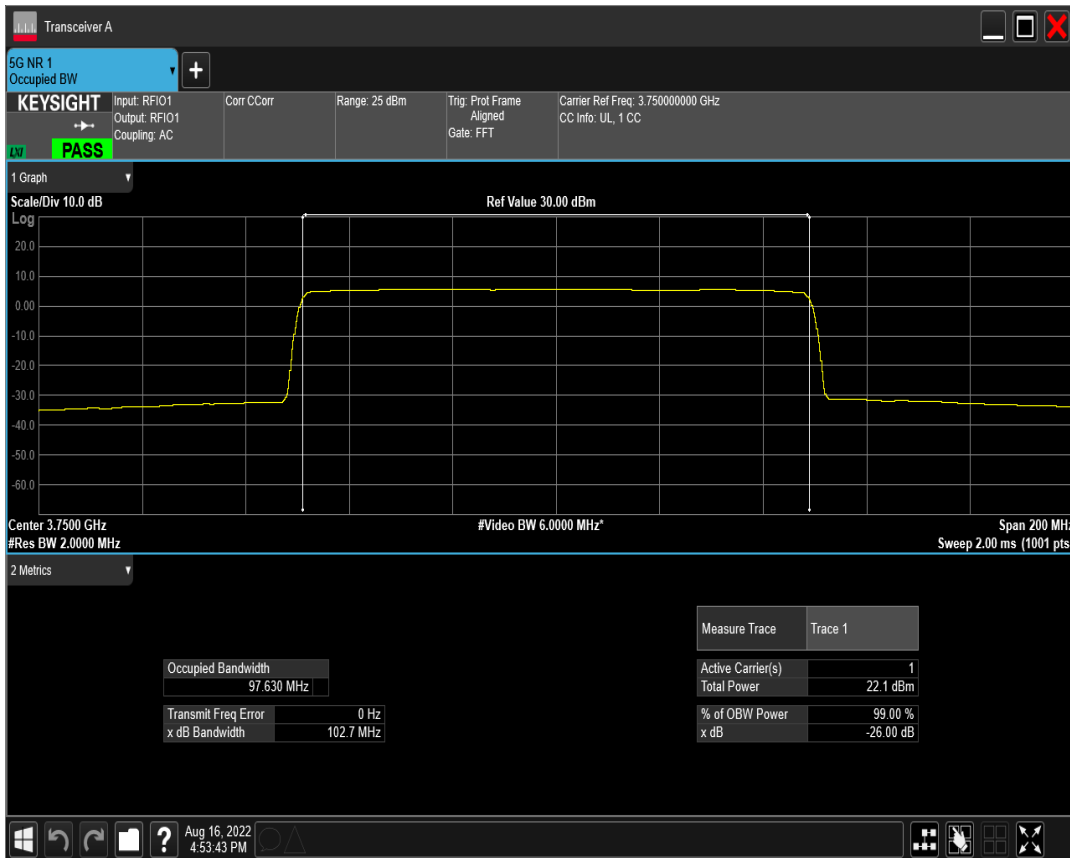
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=100MHz Channel=650000 RB=270@0



n77(3700-3980) SCS=30kHz DFT_QAM256 BW=100MHz Channel=650000 RB=270@0



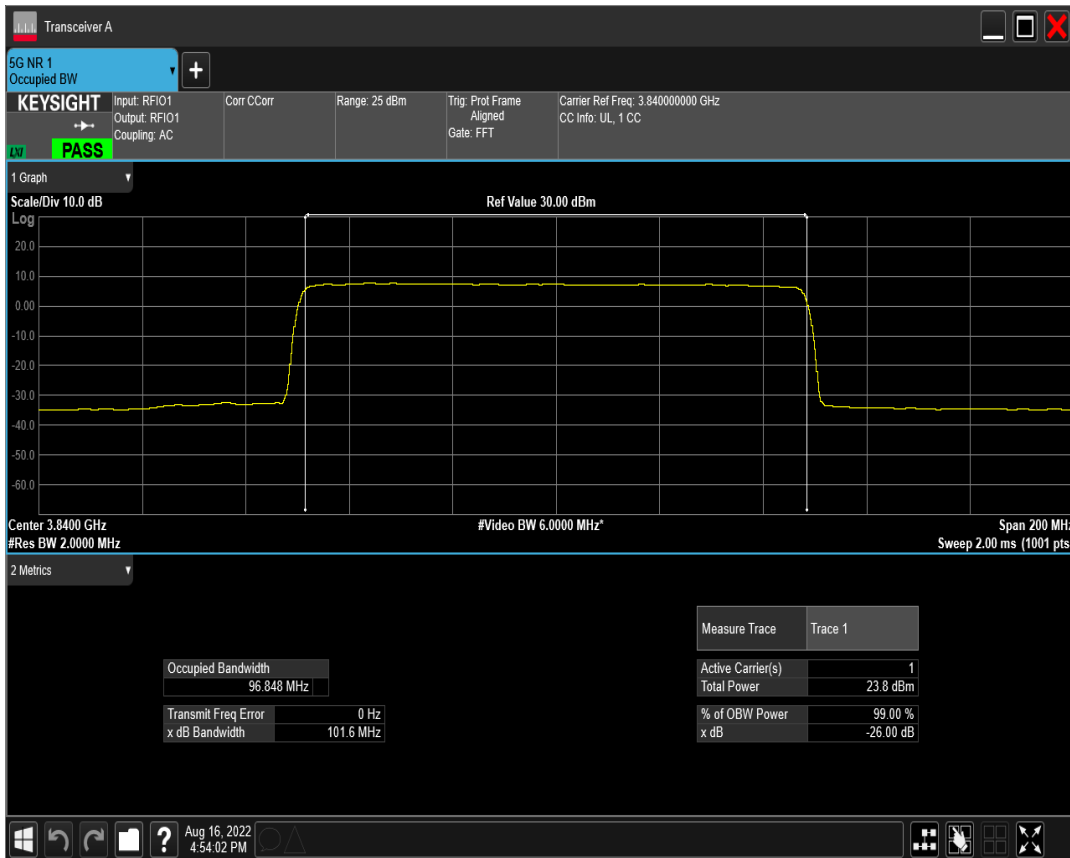
n77(3700-3980) SCS=30kHz CP_QPSK BW=100MHz Channel=650000 RB=273@0



n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz Channel=656000 RB=270@0



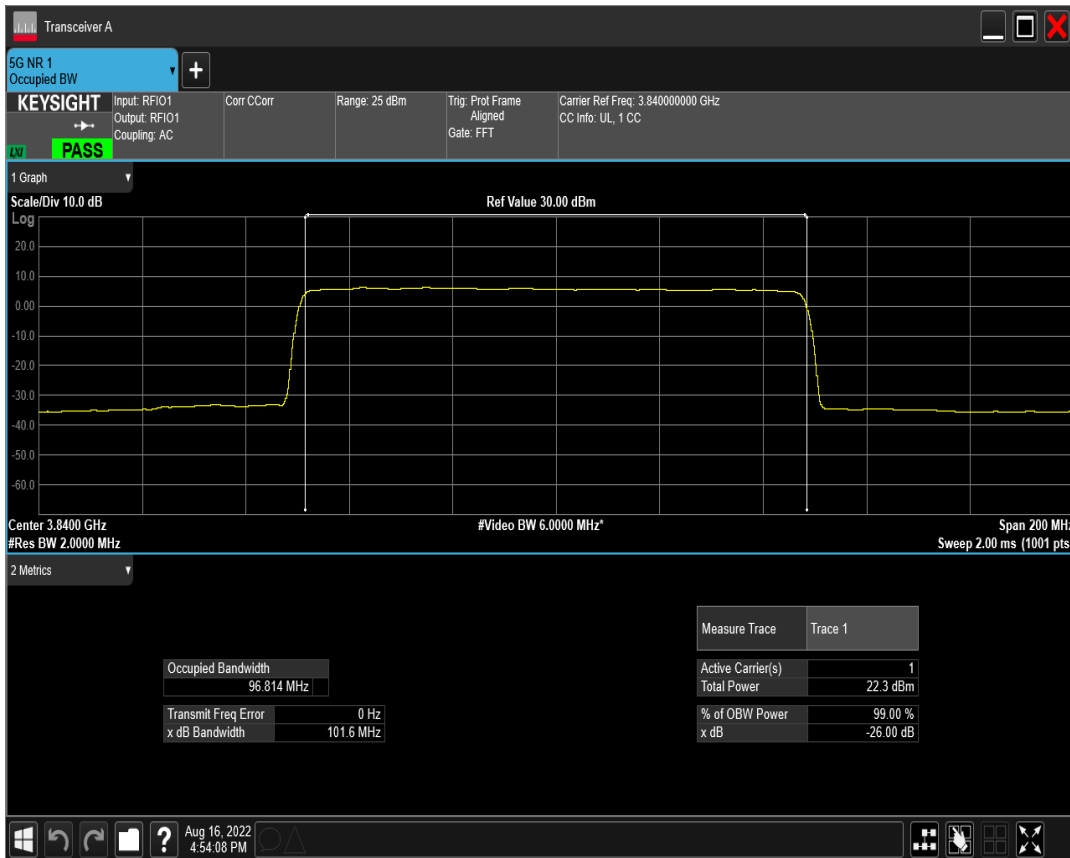
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=656000 RB=270@0



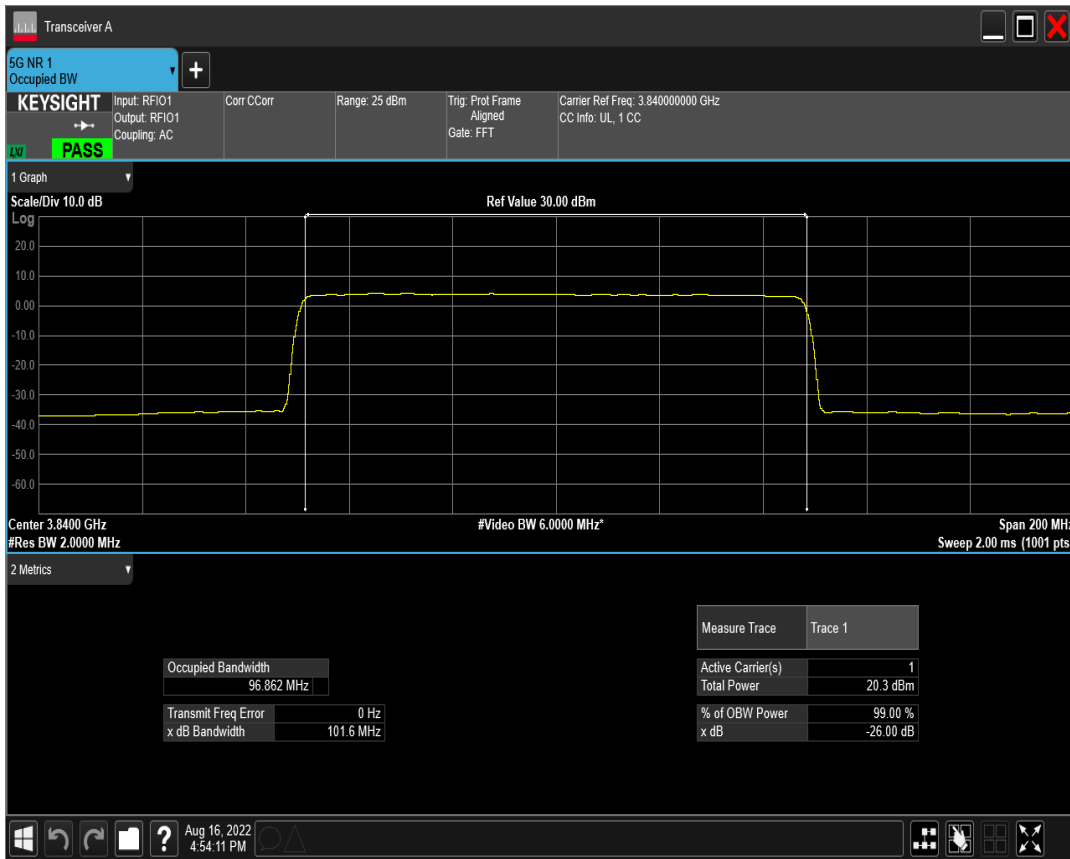
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=100MHz Channel=656000 RB=270@0



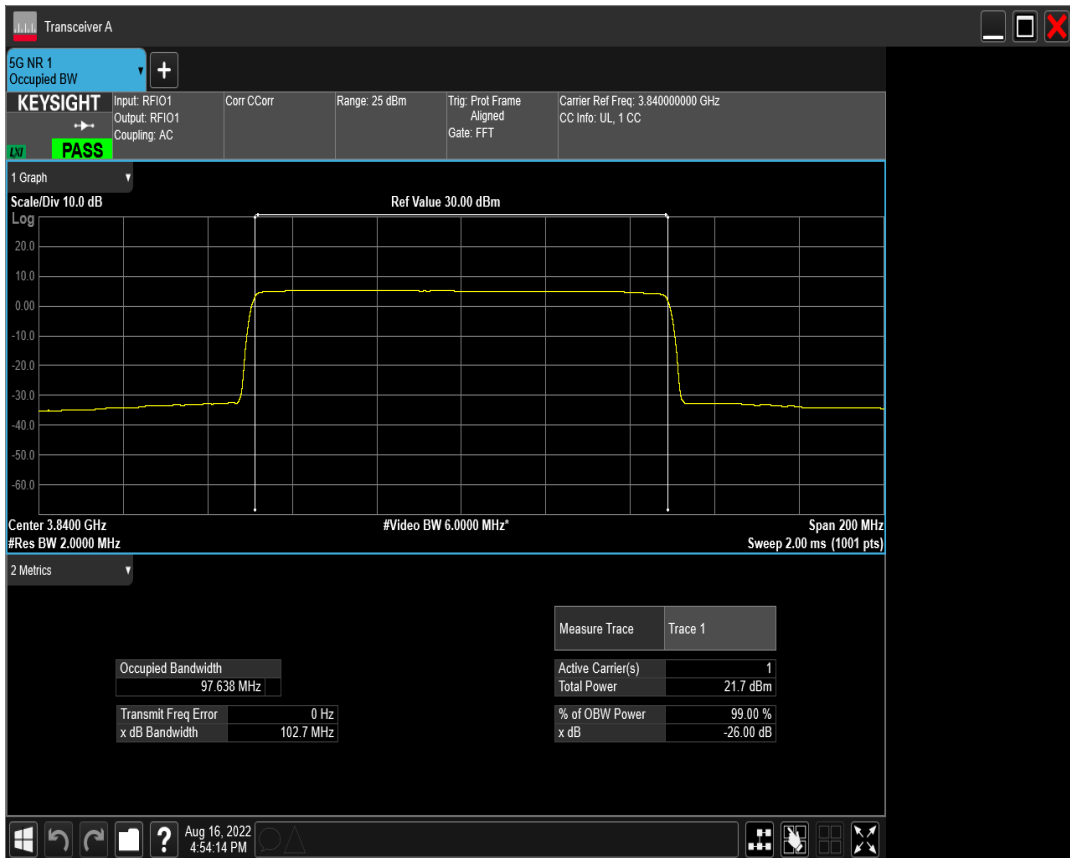
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=100MHz Channel=656000 RB=270@0



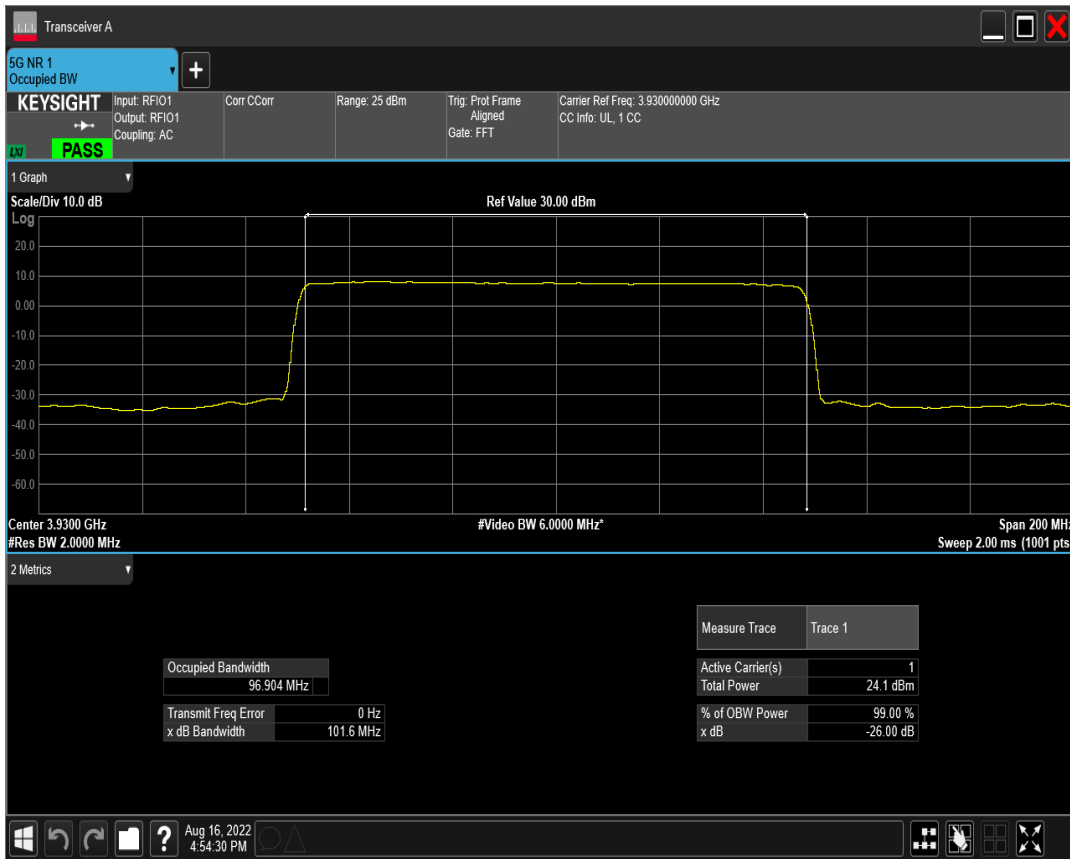
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=100MHz Channel=656000 RB=270@0



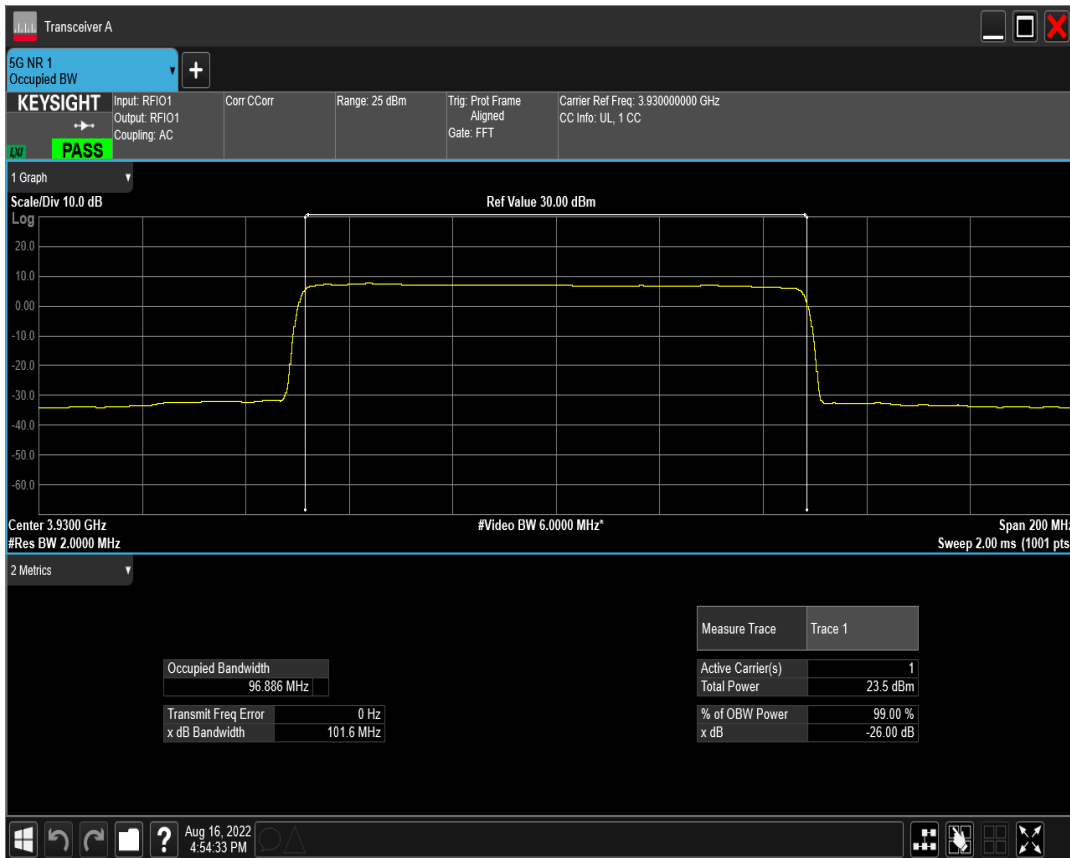
n77(3700-3980) SCS=30kHz CP_QPSK BW=100MHz Channel=656000 RB=273@0



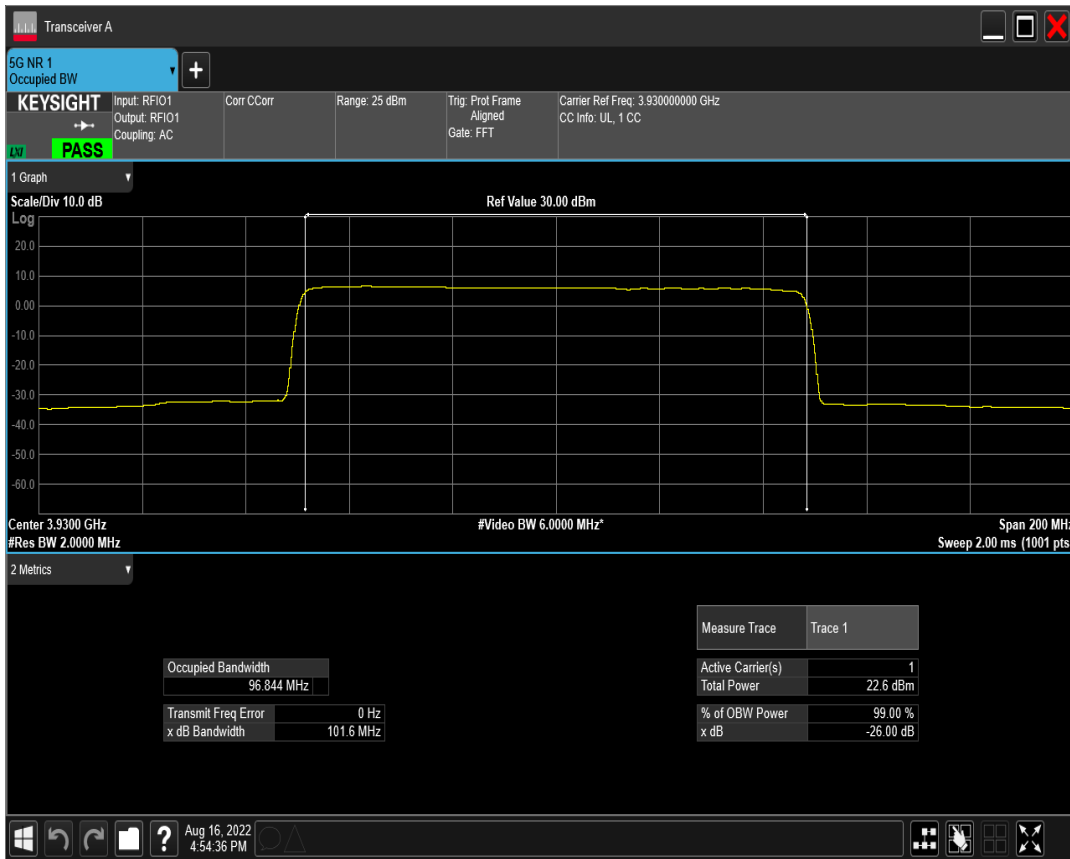
n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz Channel=662000 RB=270@0



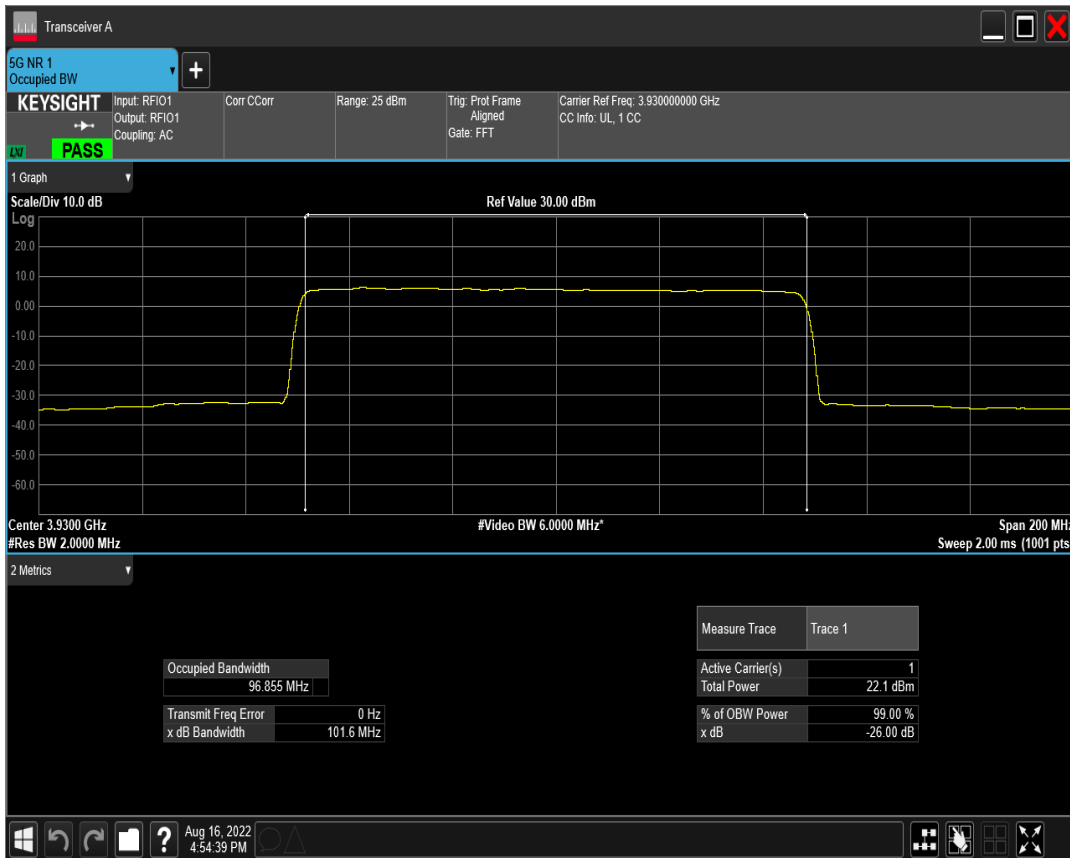
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=662000 RB=270@0



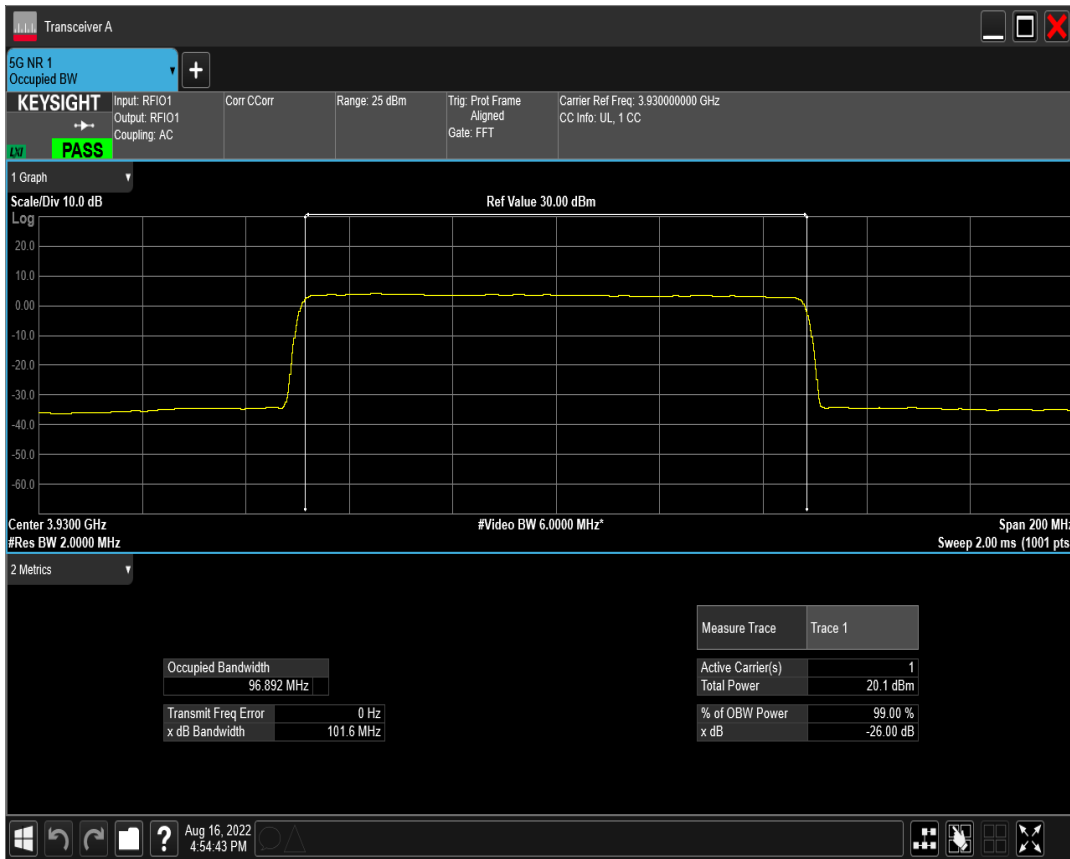
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=100MHz Channel=662000 RB=270@0



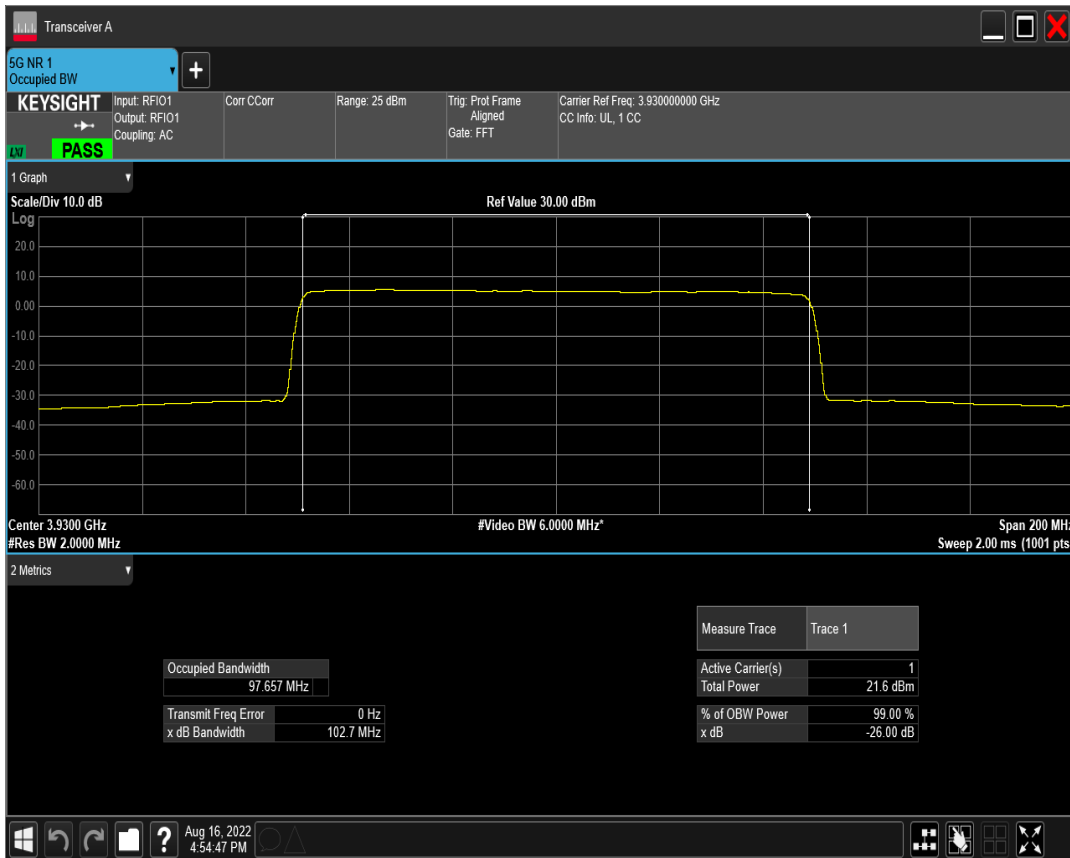
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=100MHz Channel=662000 RB=270@0



n77(3700-3980) SCS=30kHz DFT_QAM256 BW=100MHz Channel=662000 RB=270@0



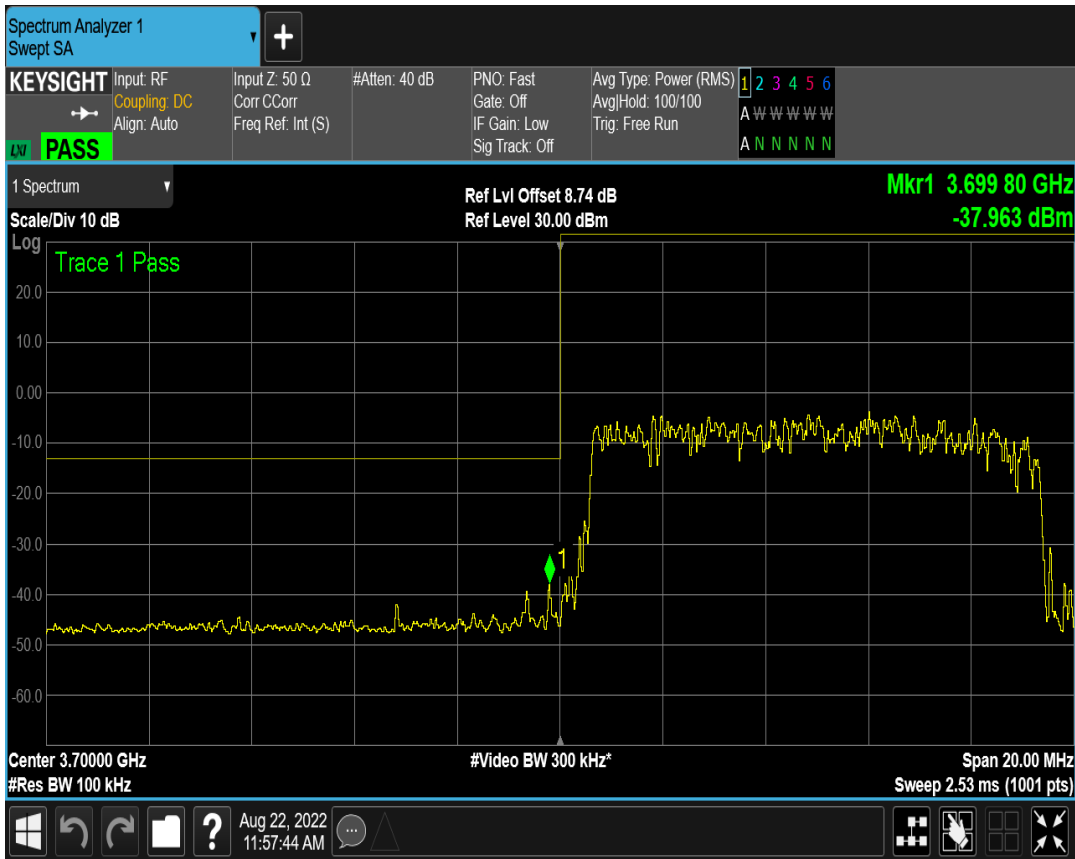
n77(3700-3980) SCS=30kHz CP_QPSK BW=100MHz Channel=662000 RB=273@0



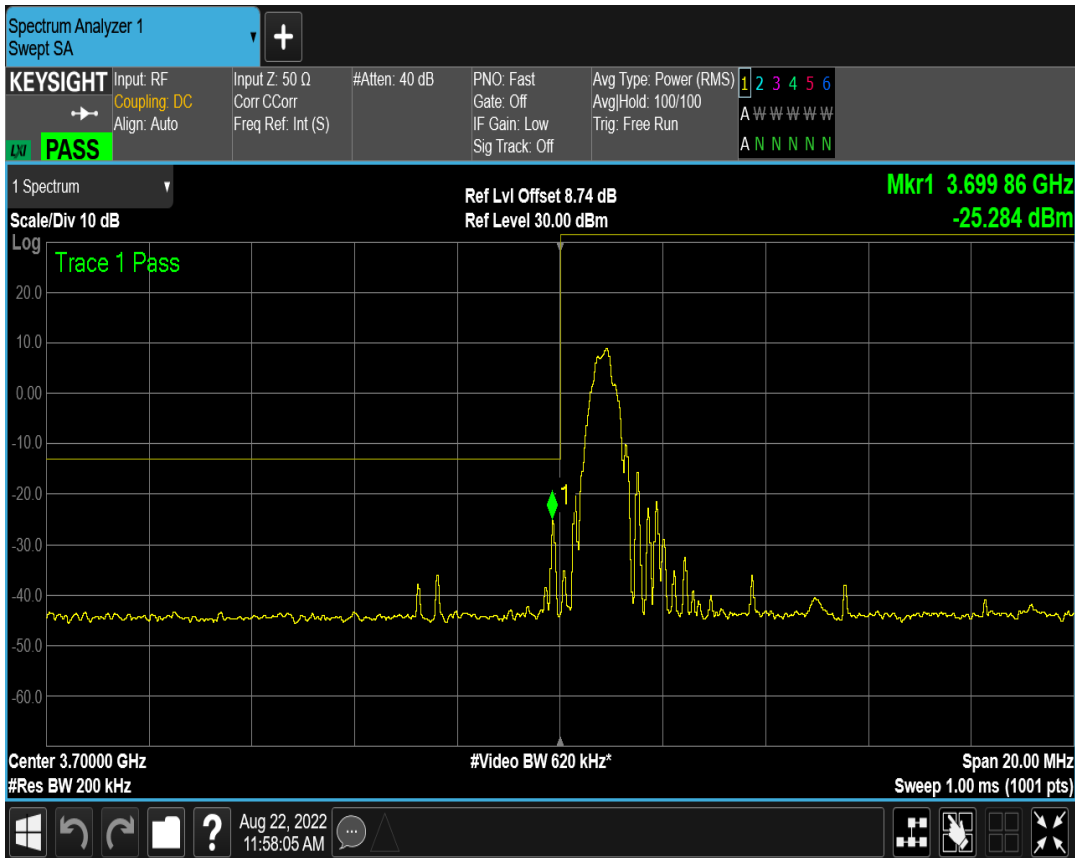
5 Band edge for NR FR1

| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|----------------|-----------|-----------------|------------|---------------|------------|-----------------|------------------|-------------|---------|
| n77(3700-3980) | 30 | 10 | 647000 | 24@0 | DFT_QPSK | 3699.80 | -37.96 | -13 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@0 | DFT_QPSK | 3699.86 | -25.28 | -13 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 24@0 | DFT_QPSK | 3980.08 | -41.93 | -13 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@23 | DFT_QPSK | 3980.16 | -39.54 | -13 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 270@0 | DFT_QPSK | 3700.00 | -23.98 | -13 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@0 | DFT_QPSK | 3700.00 | -30.63 | -13 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 270@0 | DFT_QPSK | 3992.20 | -37.84 | -13 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@272 | DFT_QPSK | 3980.00 | -31.30 | -13 | PASS |

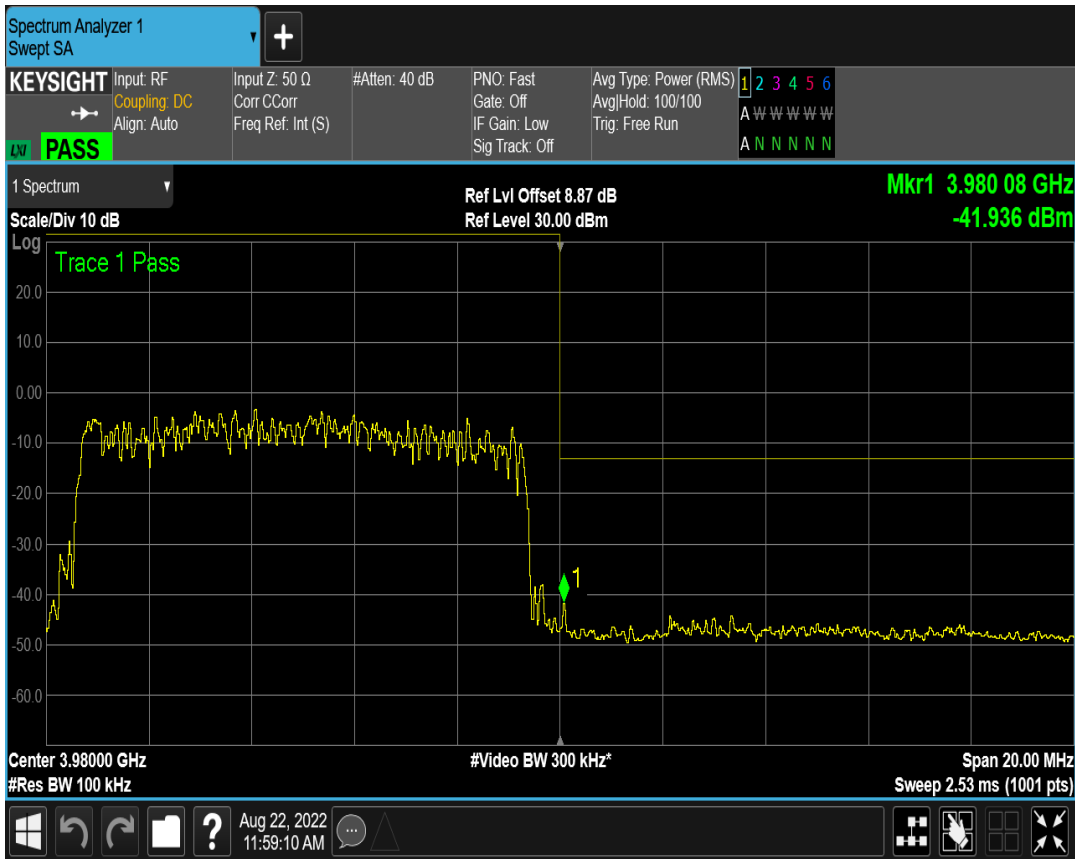
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=647000 RB=24@0



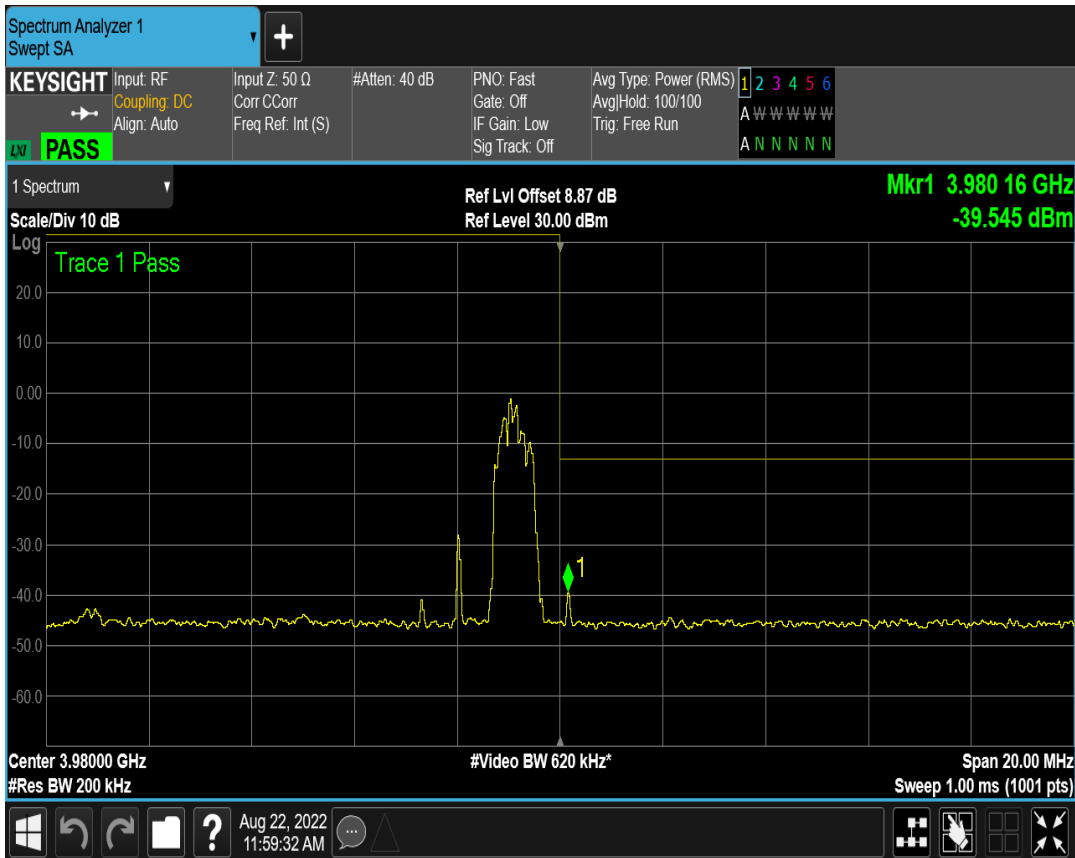
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=647000 RB=1@0



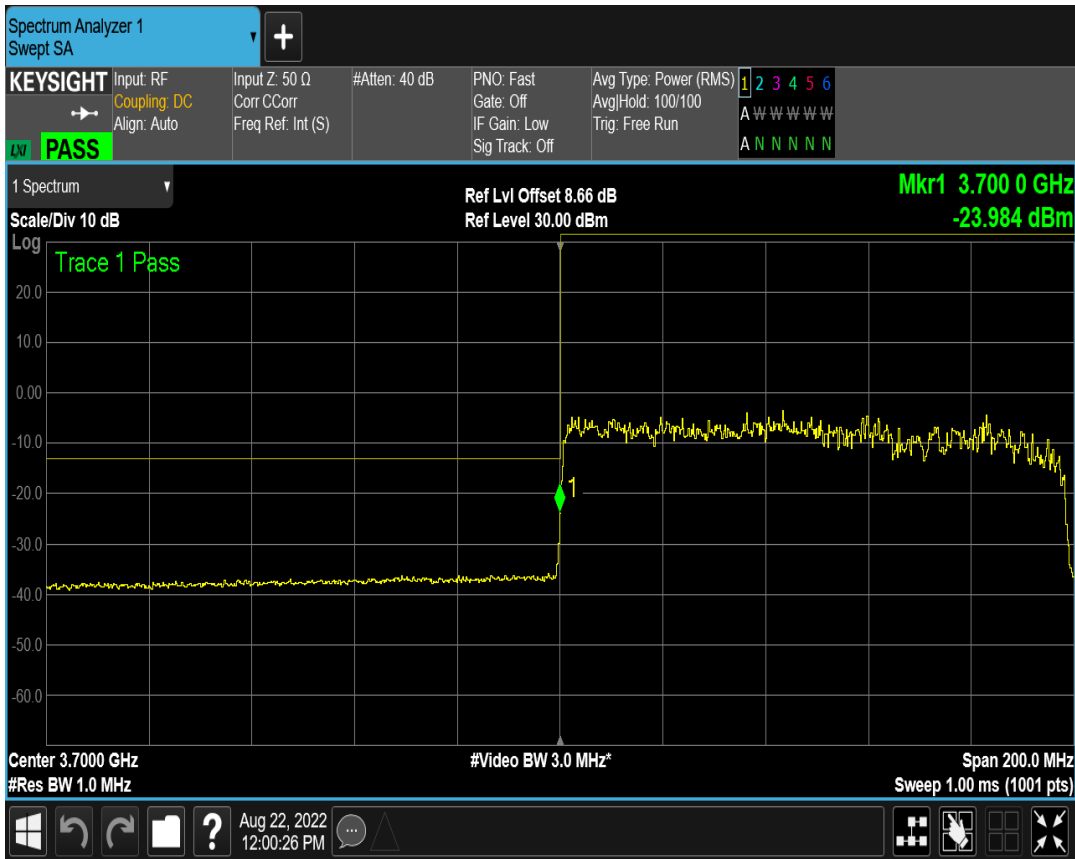
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=665000 RB=24@0



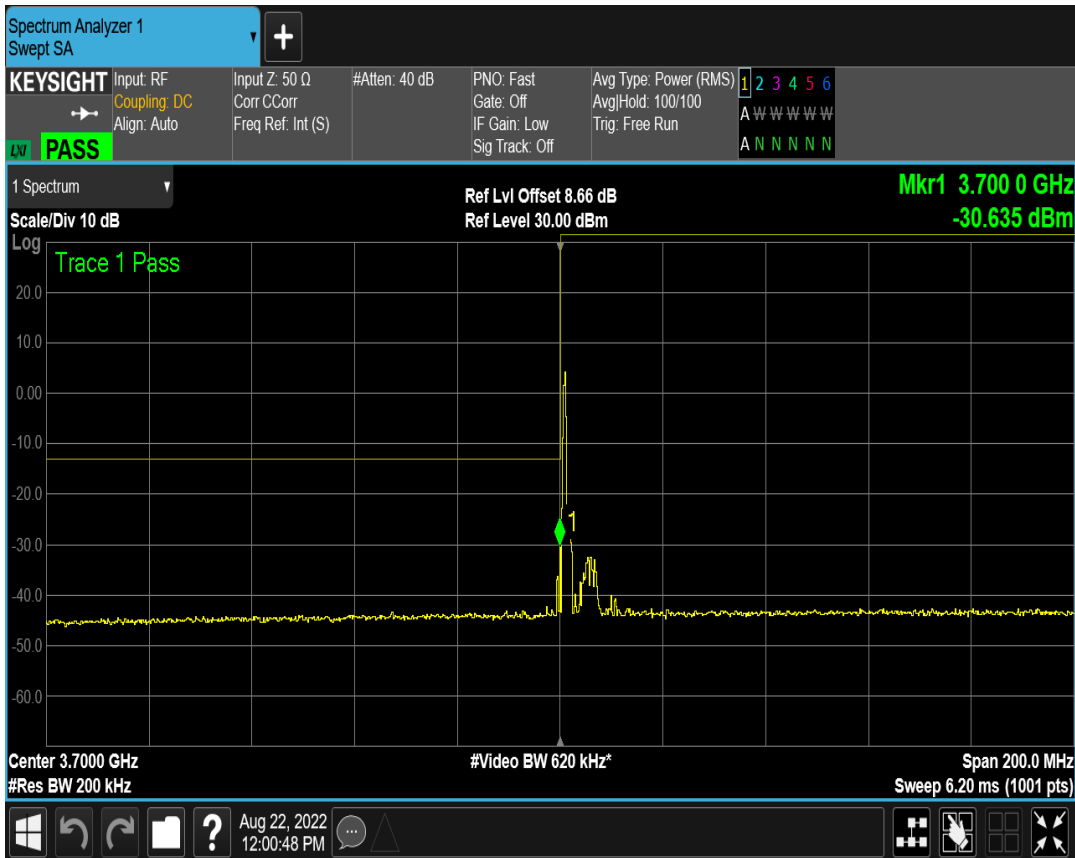
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=665000 RB=1@23



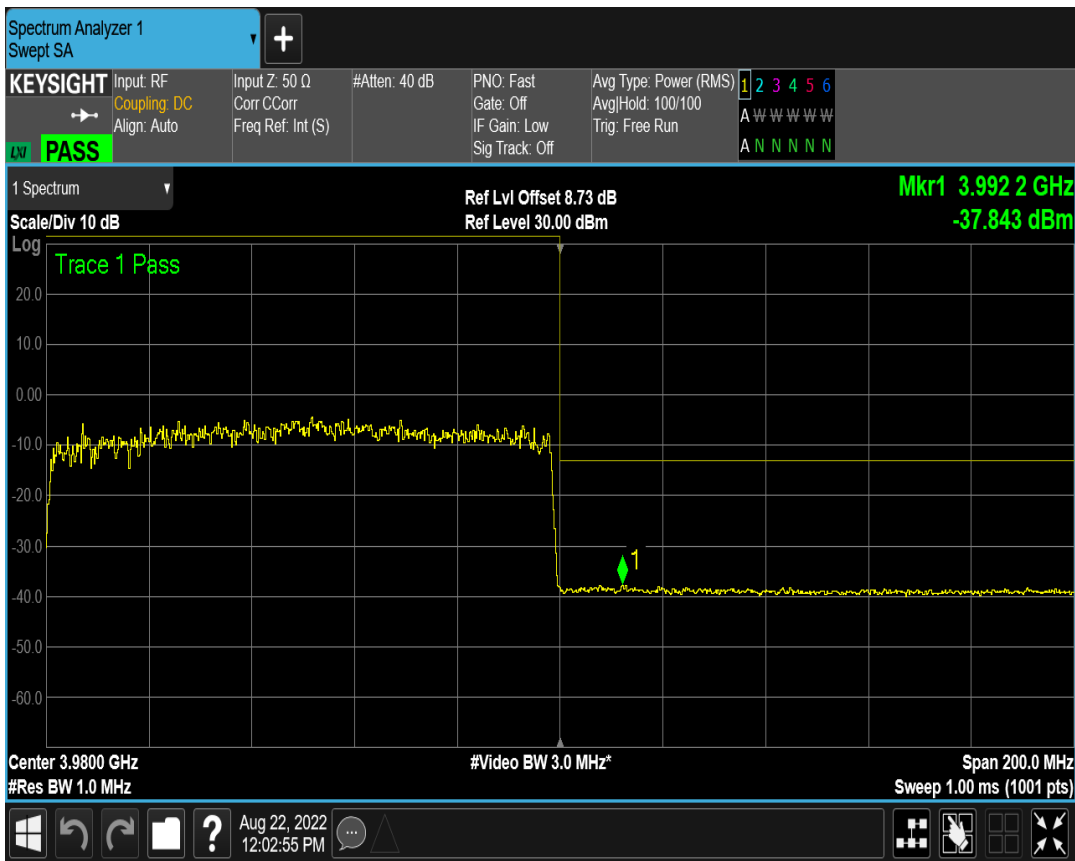
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=650000 RB=270@0



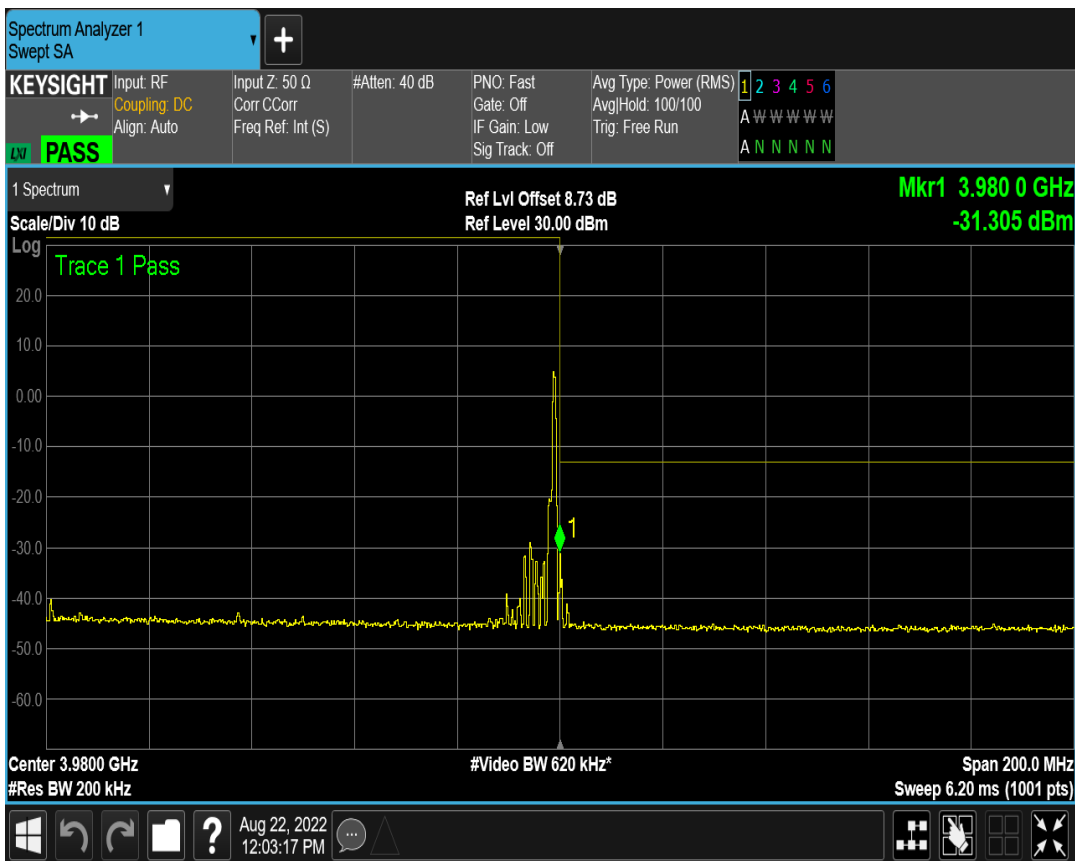
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=650000 RB=1@0



n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=662000 RB=270@0



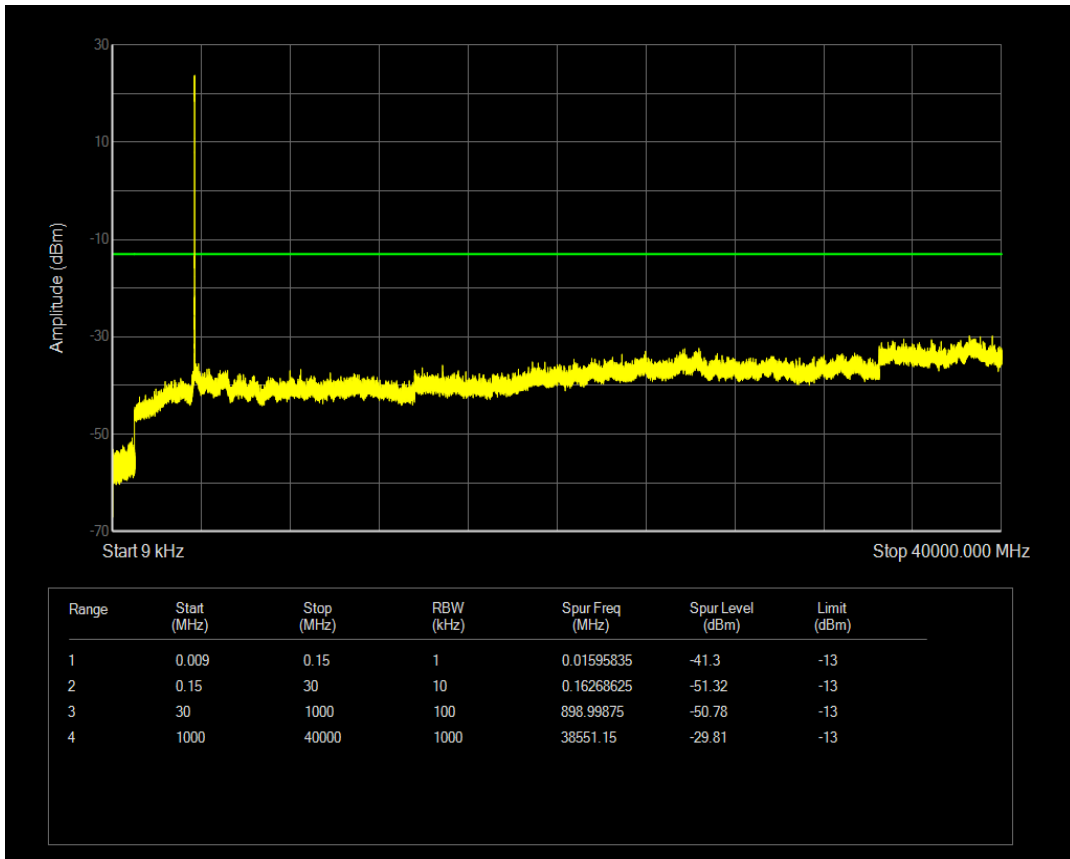
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=662000 RB=1@272



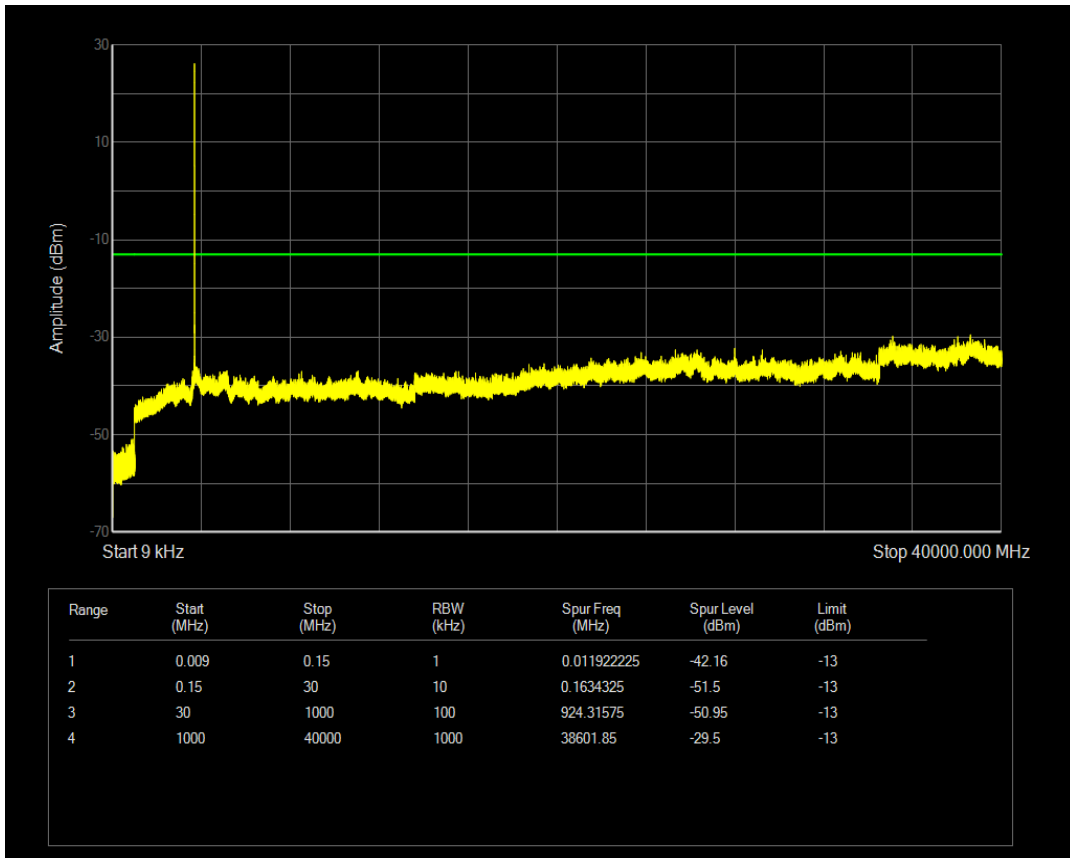
6 Out-of-band emissions for NR FR1

| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|----------------|-----------|-----------------|------------|---------------|------------|-----------------|------------------|-------------|---------|
| n77(3700-3980) | 30 | 10 | 647000 | 24@0 | DFT_QPSK | 38551.15 | -29.81 | -13 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@0 | DFT_QPSK | 38601.85 | -29.50 | -13 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@23 | DFT_QPSK | 38670.10 | -29.53 | -13 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 24@0 | DFT_QPSK | 38767.60 | -30.11 | -13 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@0 | DFT_QPSK | 38549.20 | -29.95 | -13 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@23 | DFT_QPSK | 38151.40 | -30.56 | -13 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 24@0 | DFT_QPSK | 38877.78 | -29.88 | -13 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@0 | DFT_QPSK | 38659.38 | -29.09 | -13 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@23 | DFT_QPSK | 38624.28 | -29.67 | -13 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 270@0 | DFT_QPSK | 35032.38 | -29.63 | -13 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@0 | DFT_QPSK | 38791.98 | -29.96 | -13 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@272 | DFT_QPSK | 38882.65 | -29.27 | -13 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 270@0 | DFT_QPSK | 38578.45 | -30.18 | -13 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@0 | DFT_QPSK | 38597.95 | -29.40 | -13 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@272 | DFT_QPSK | 38621.35 | -28.94 | -13 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 270@0 | DFT_QPSK | 38849.50 | -29.88 | -13 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@0 | DFT_QPSK | 38671.08 | -29.77 | -13 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@272 | DFT_QPSK | 38766.63 | -29.75 | -13 | PASS |

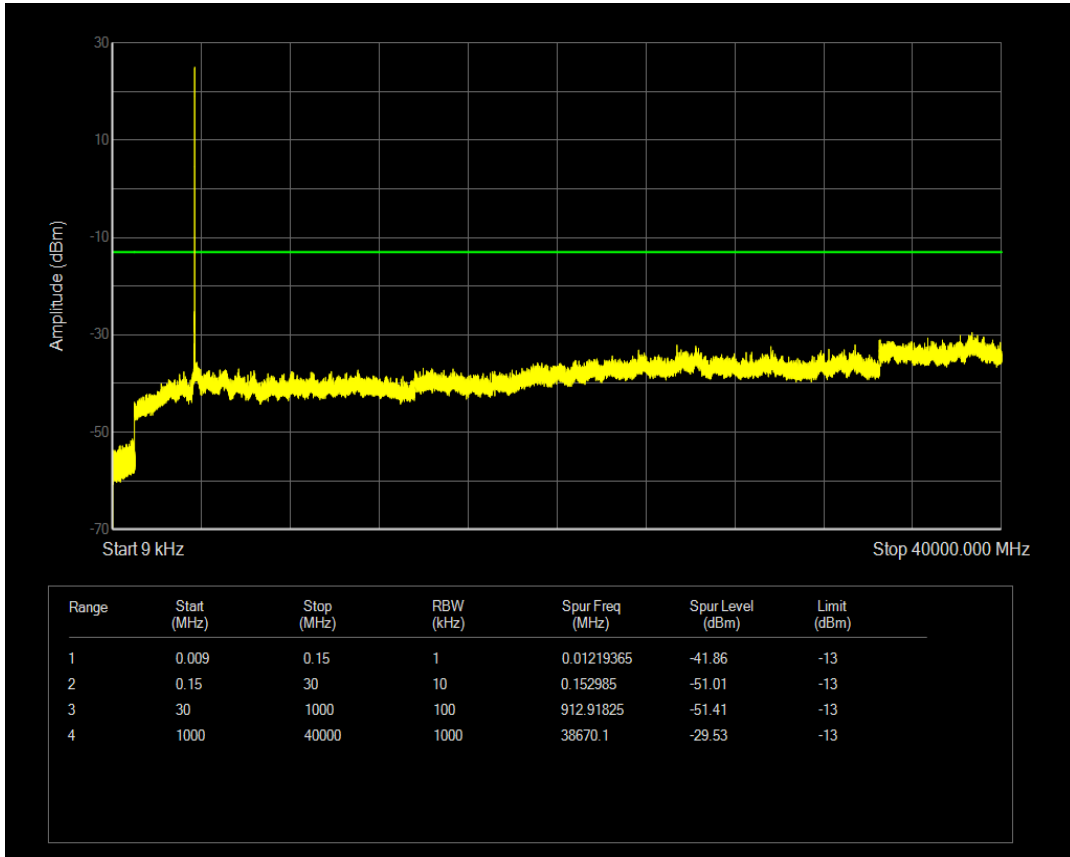
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=647000 RB=24@0



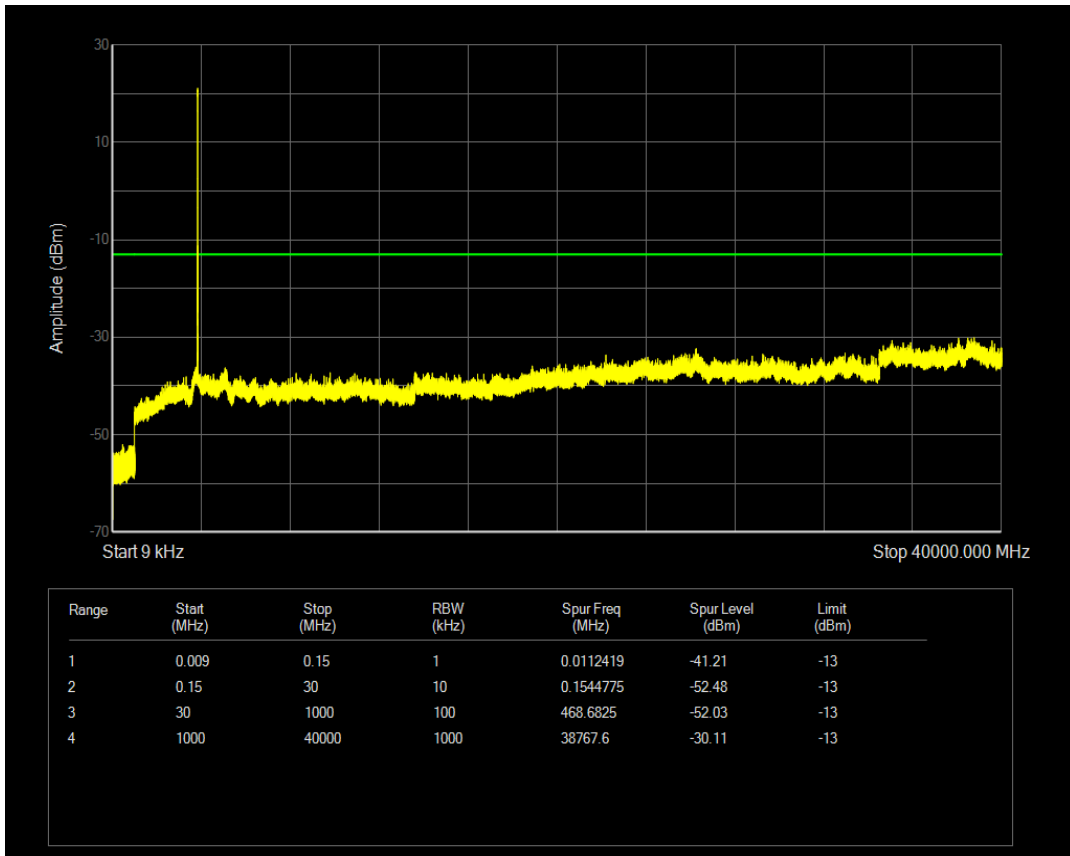
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=647000 RB=1@0



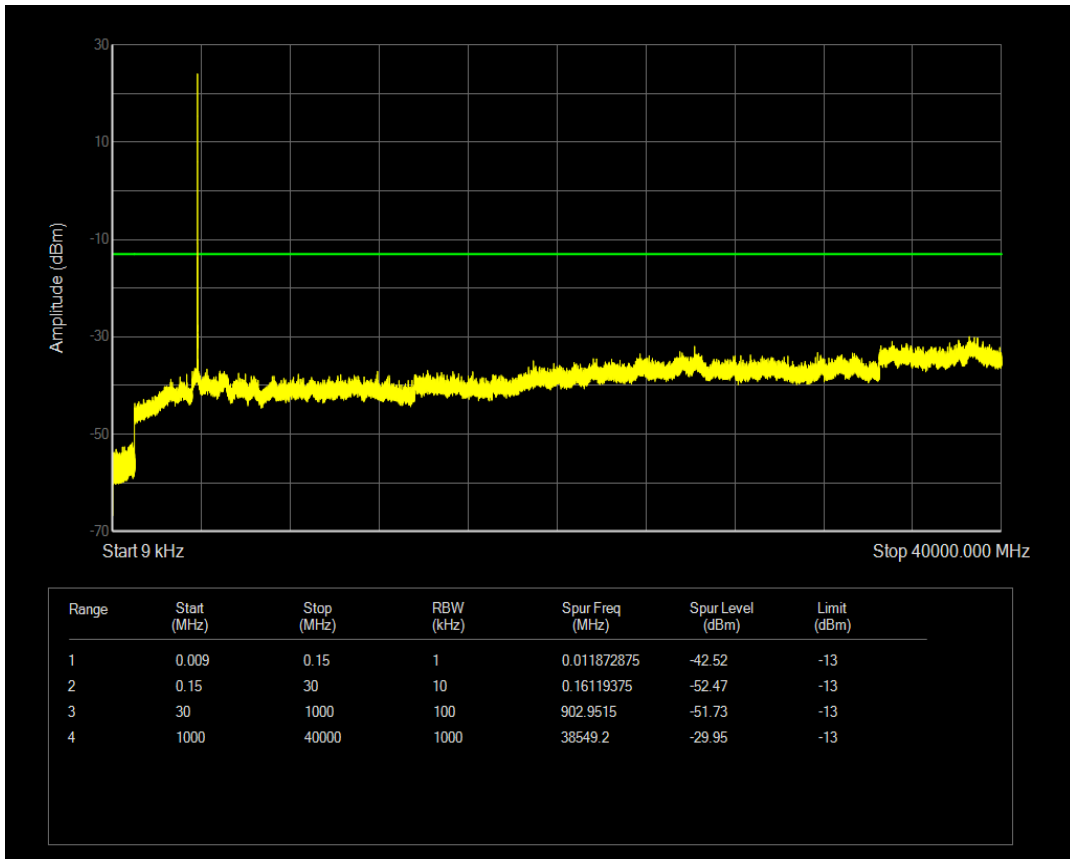
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=647000 RB=1@23



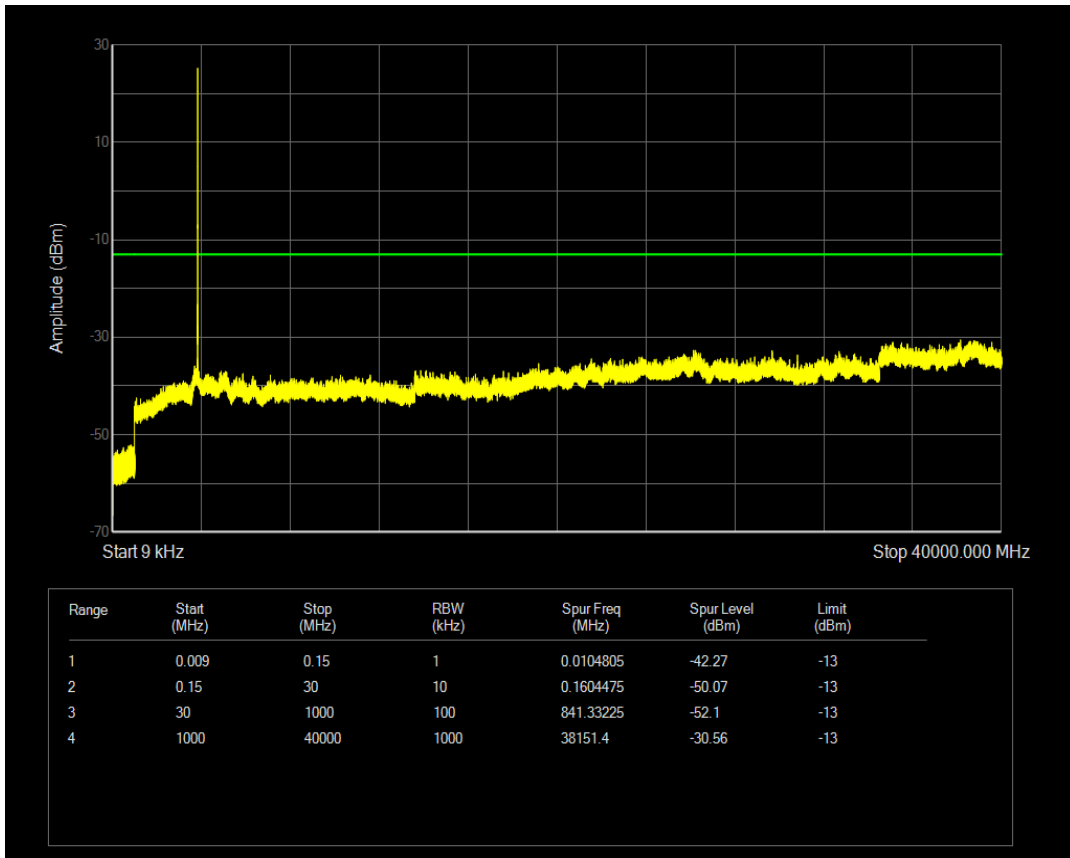
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=656000 RB=24@0



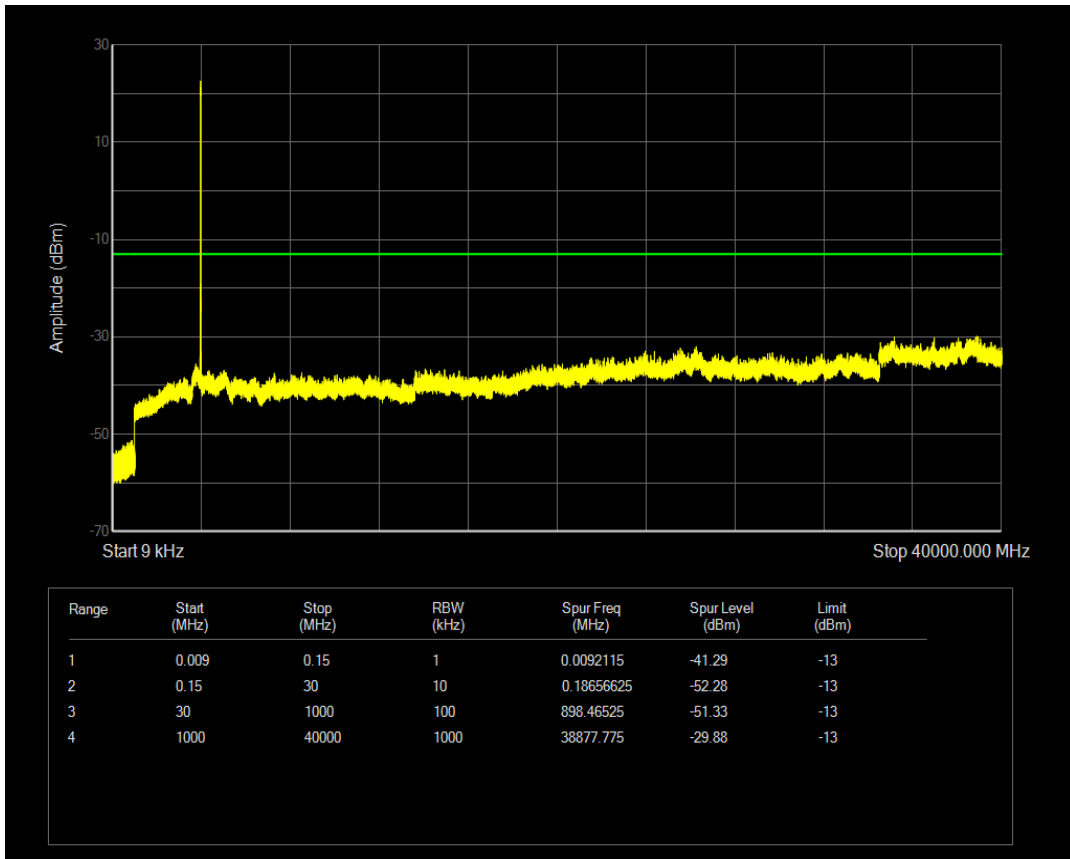
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=656000 RB=1@0



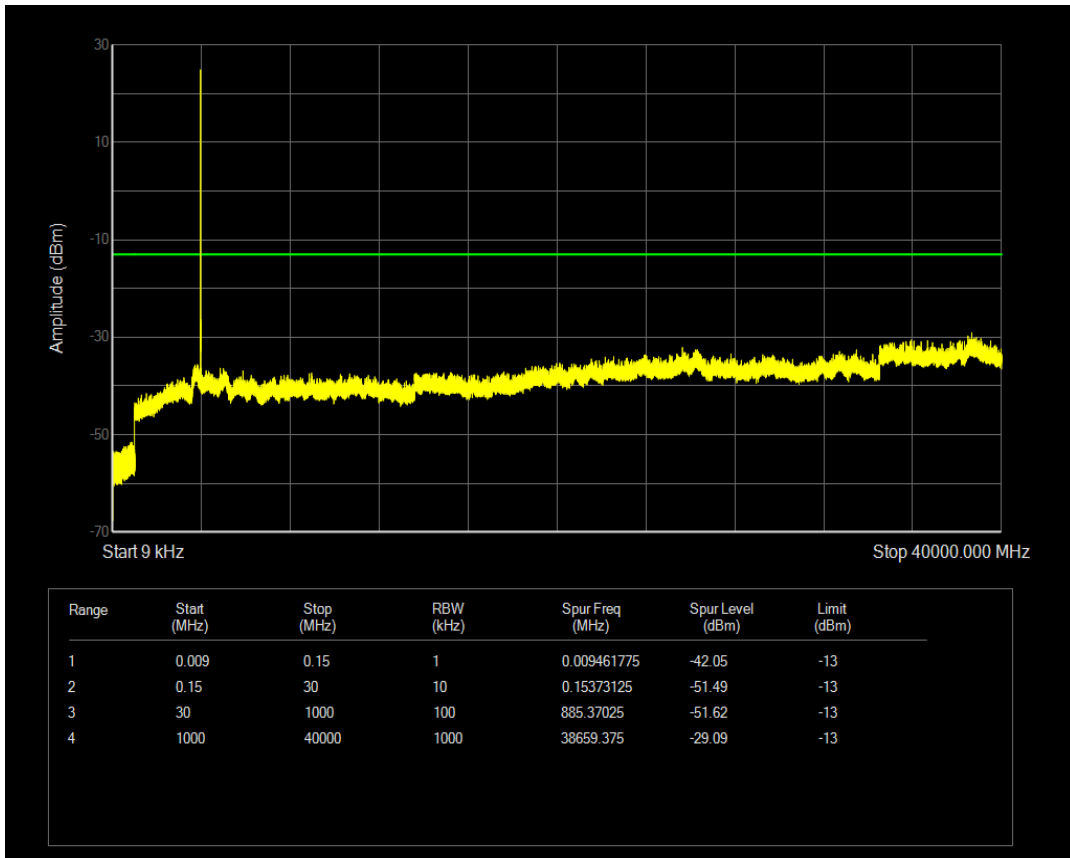
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=656000 RB=1@23



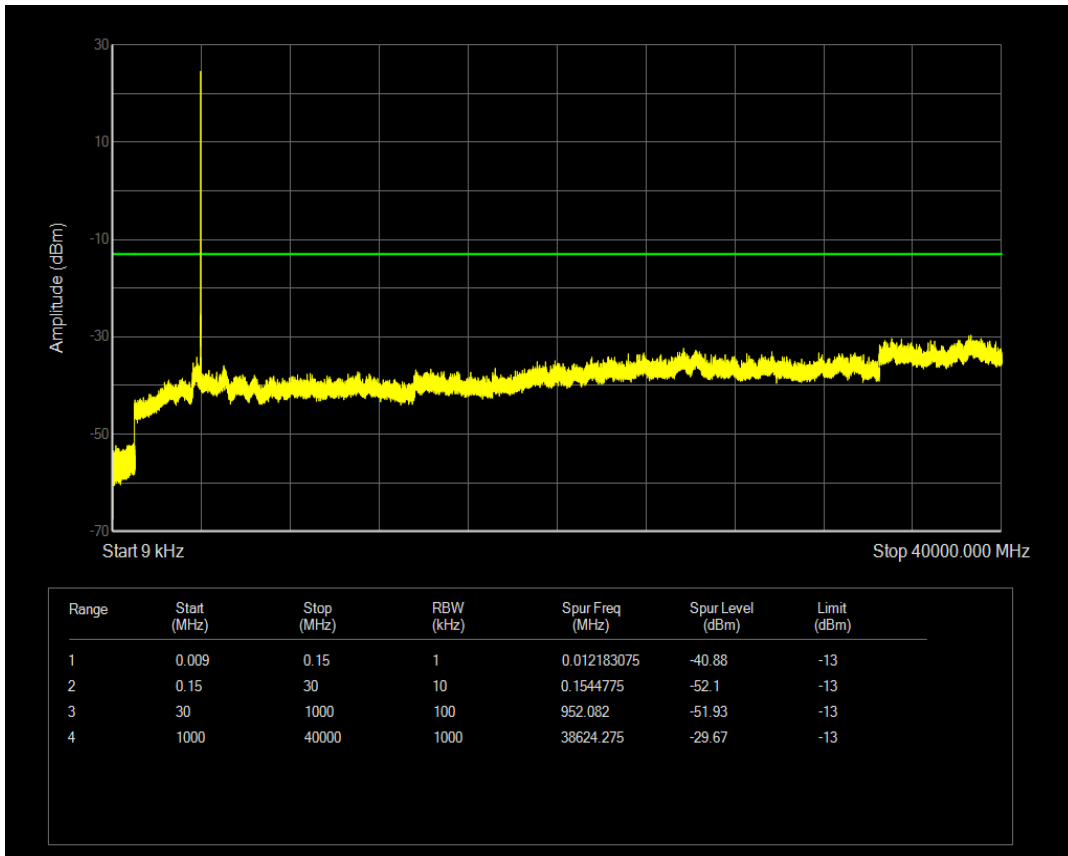
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=665000 RB=24@0



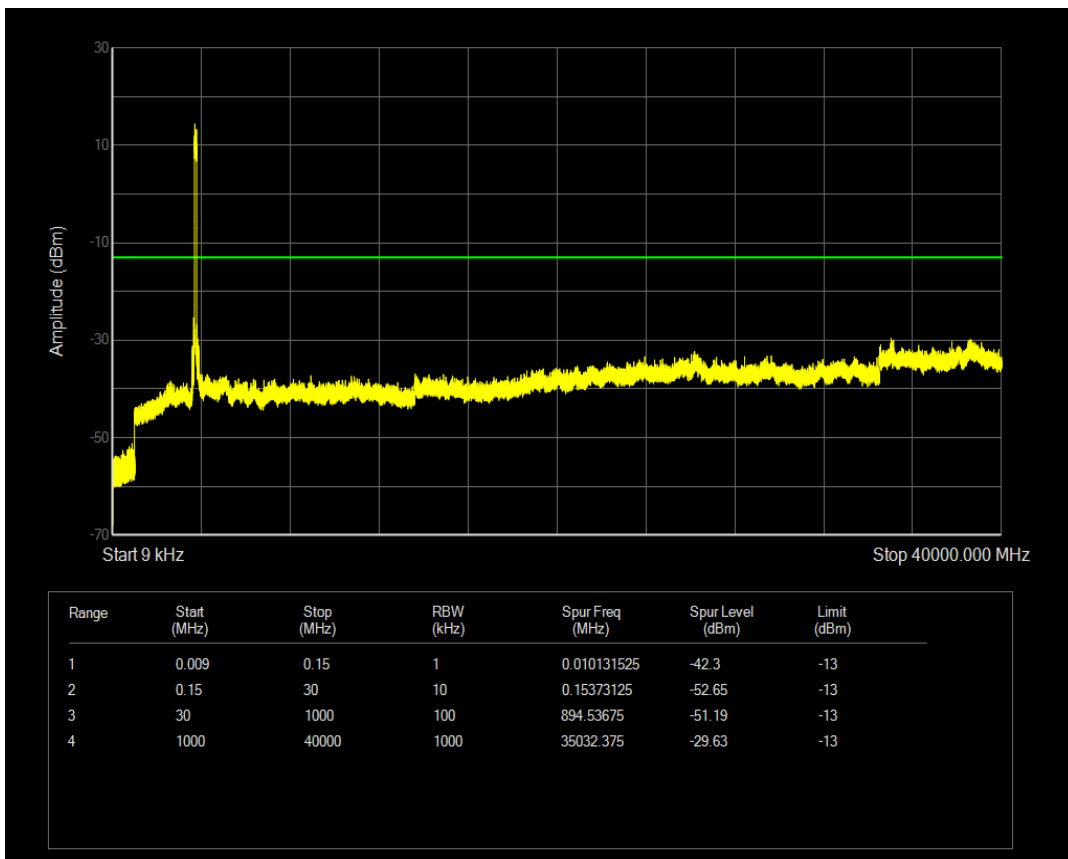
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=665000 RB=1@0



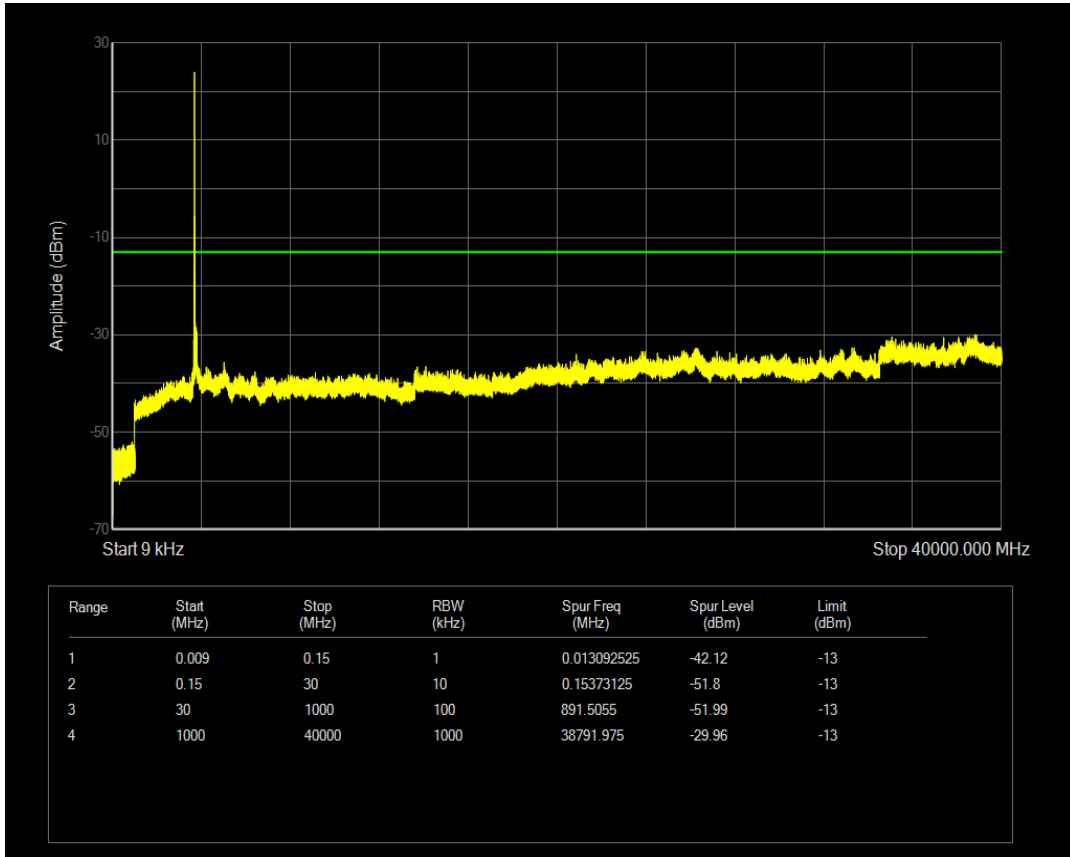
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=665000 RB=1@23



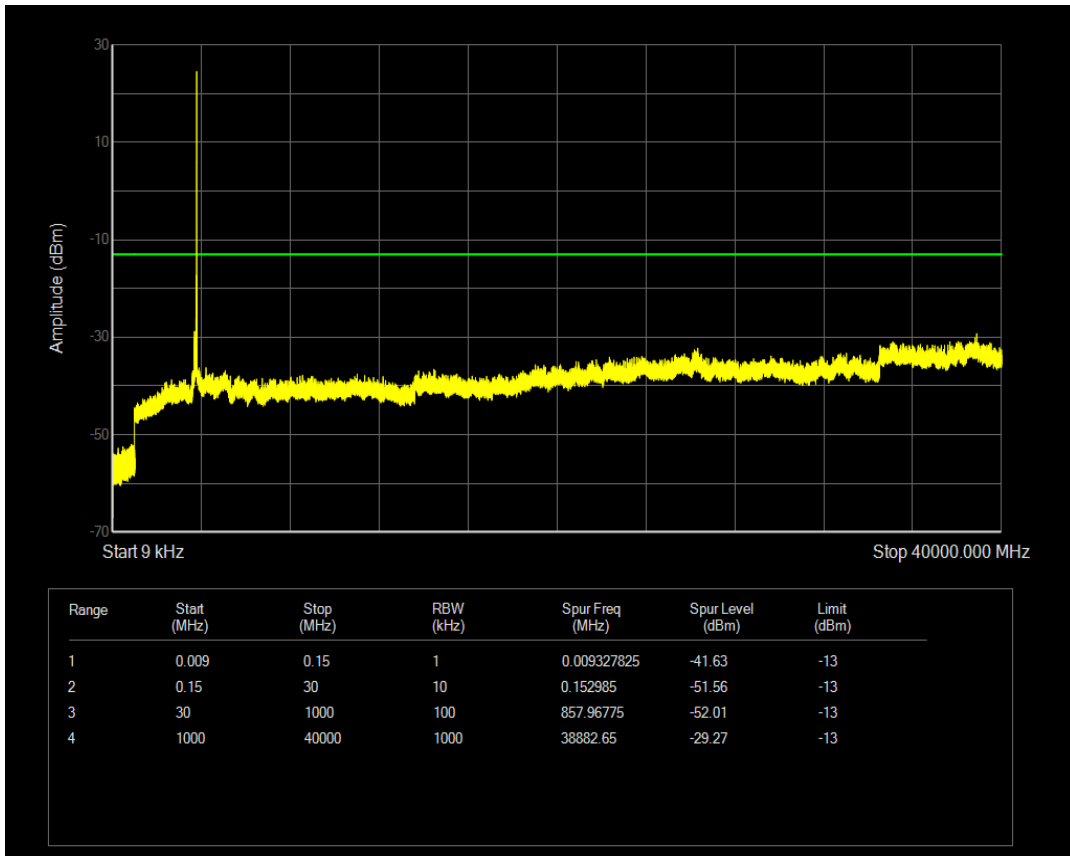
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=650000 RB=270@0



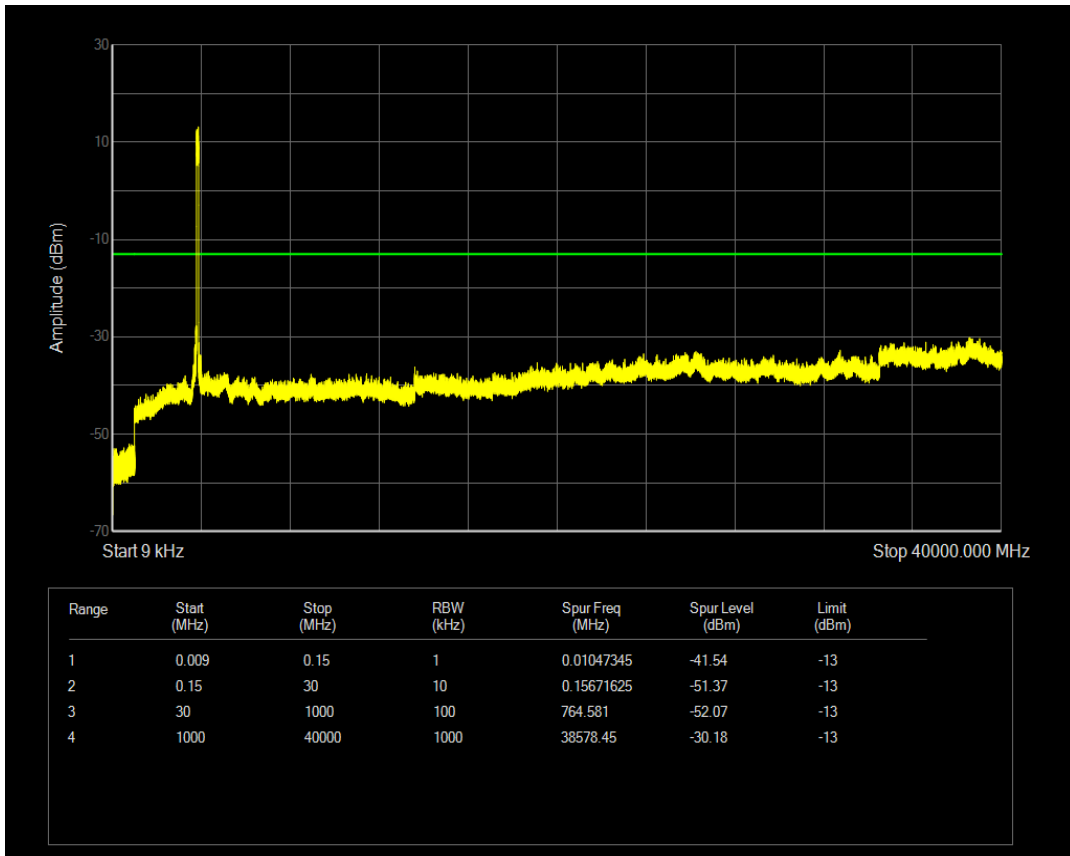
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=650000 RB=1@0



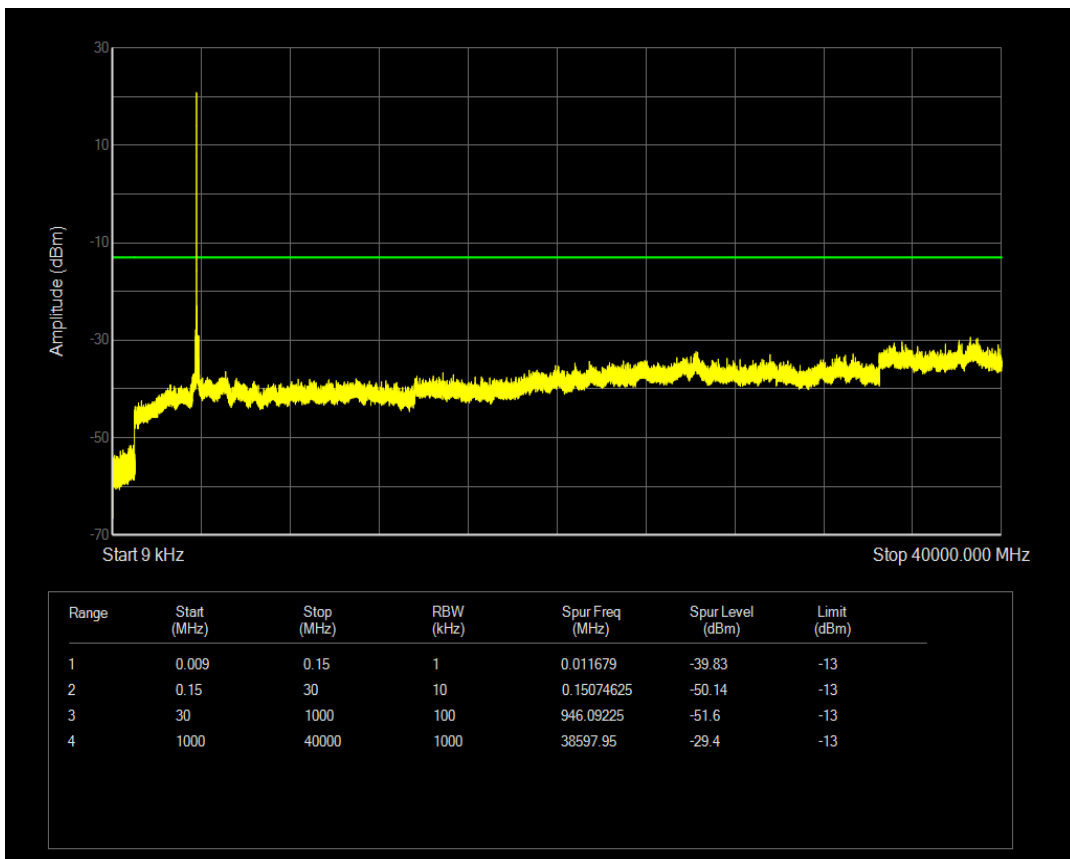
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=650000 RB=1@272



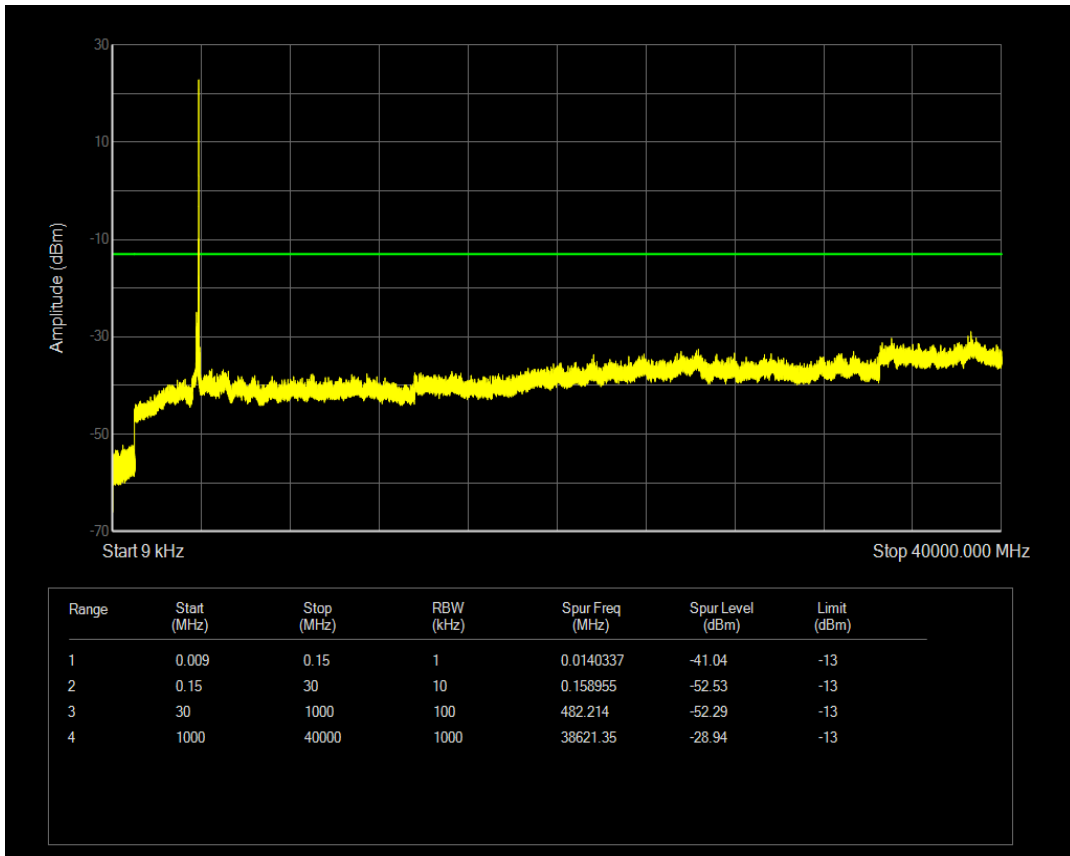
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=656000 RB=270@0



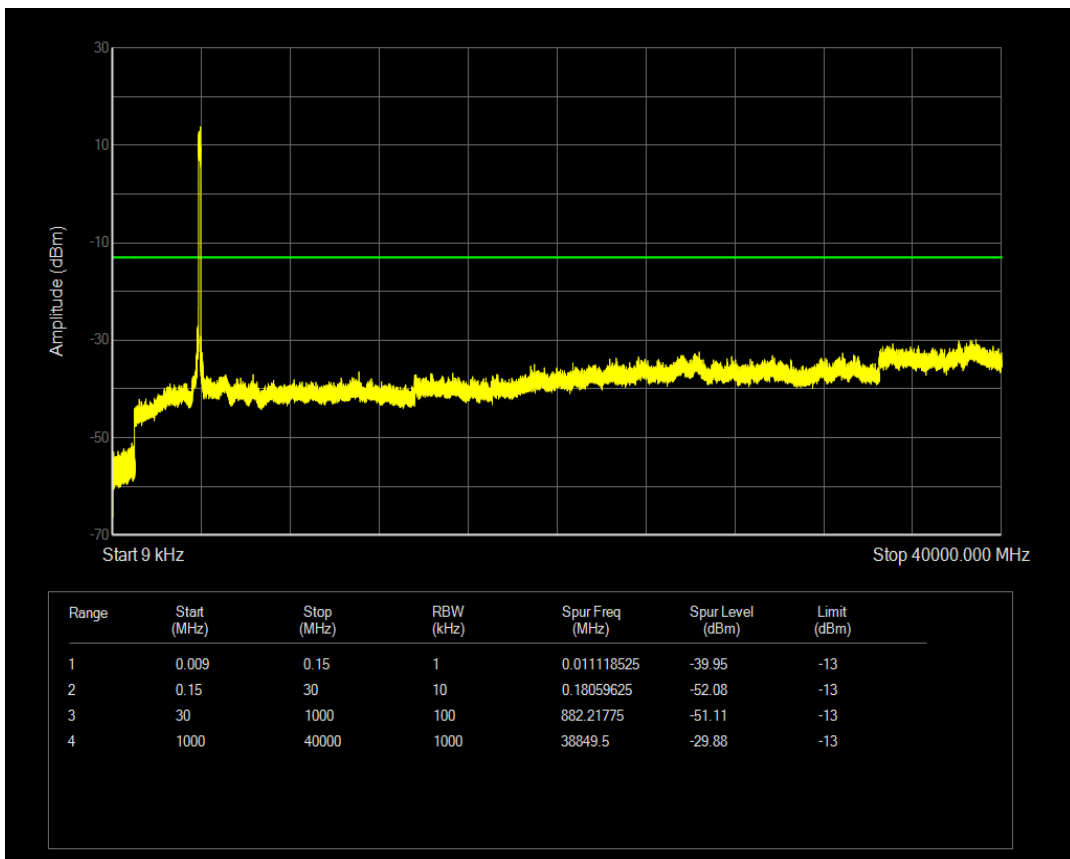
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=656000 RB=1@0



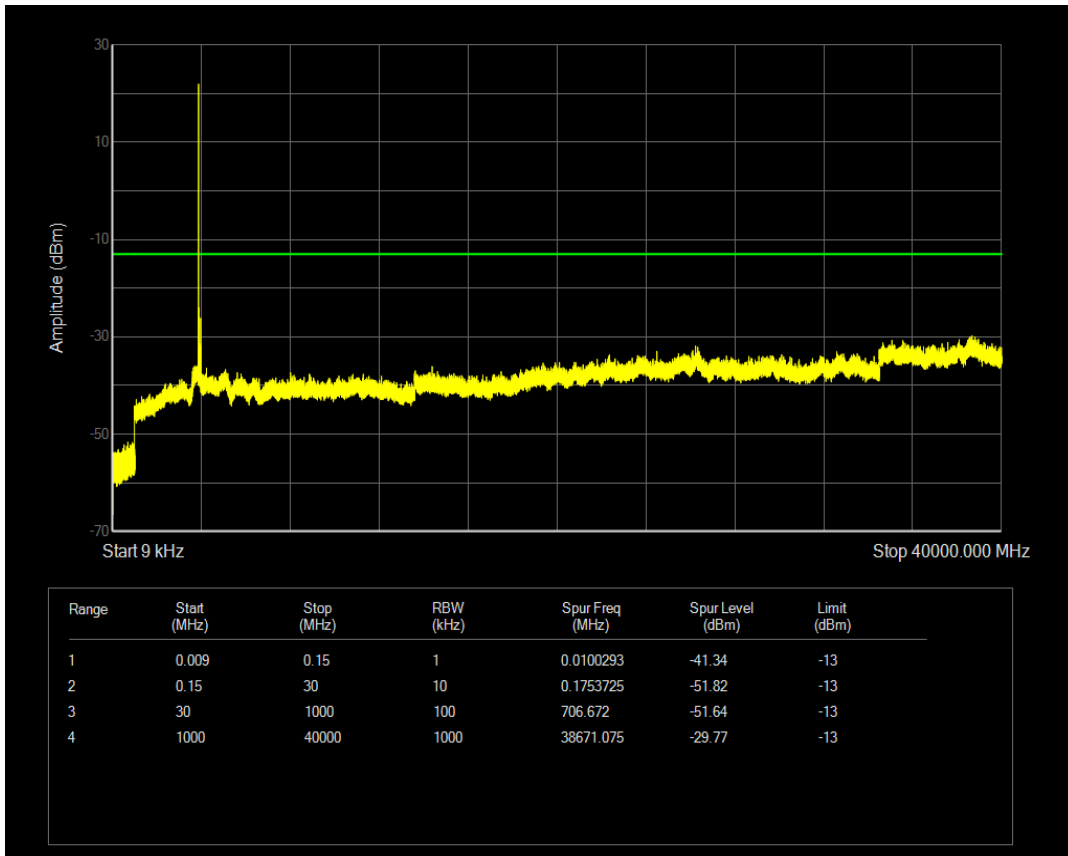
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=656000 RB=1@272



n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=662000 RB=270@0



n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=662000 RB=1@0



n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=662000 RB=1@272

