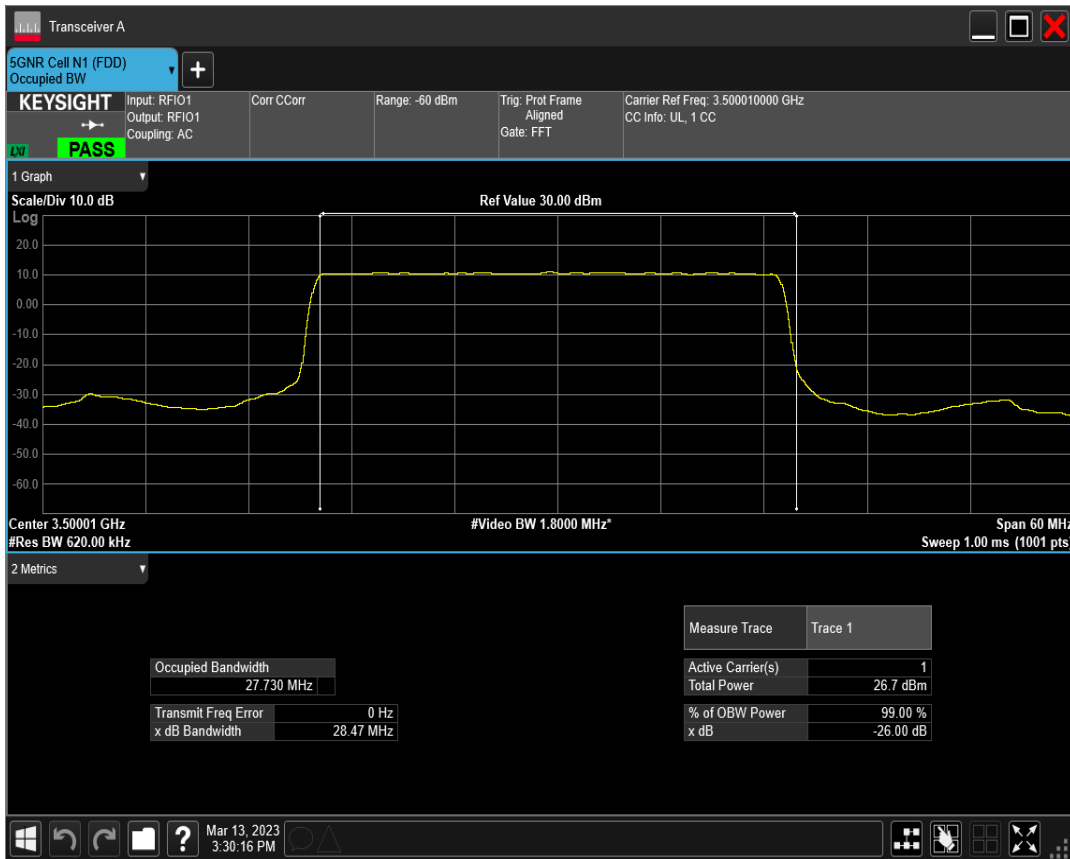
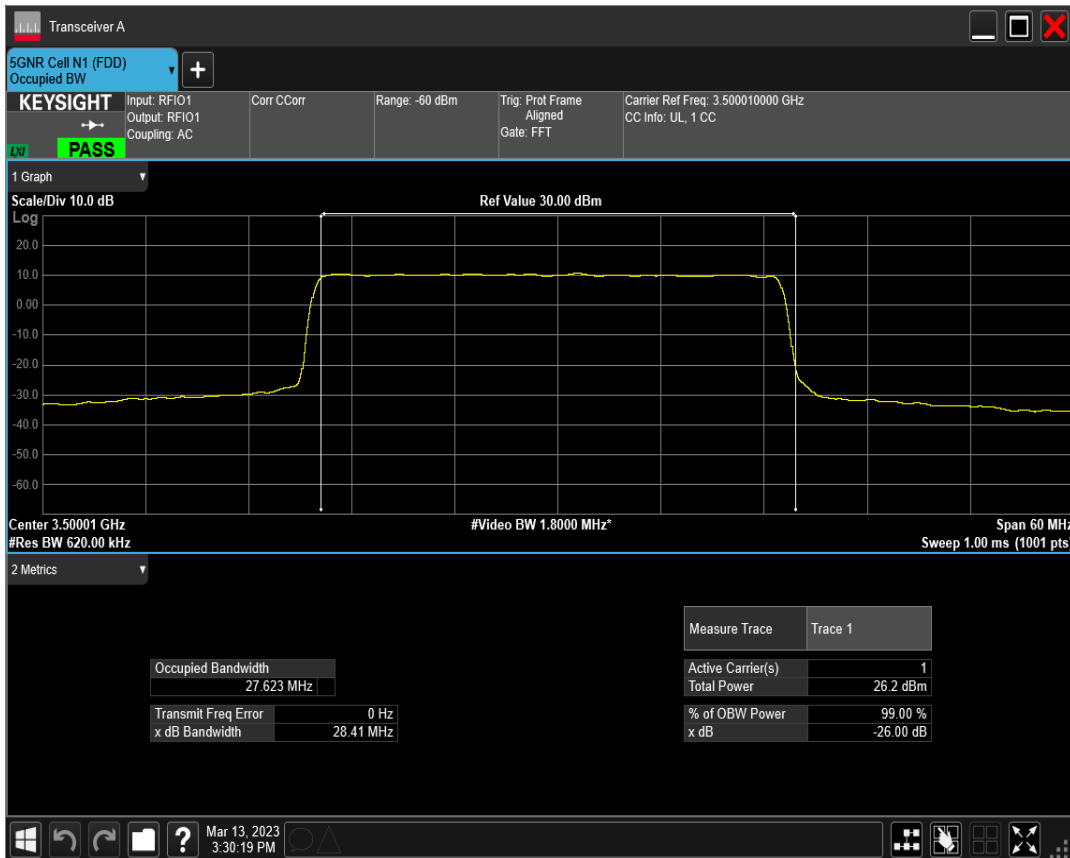


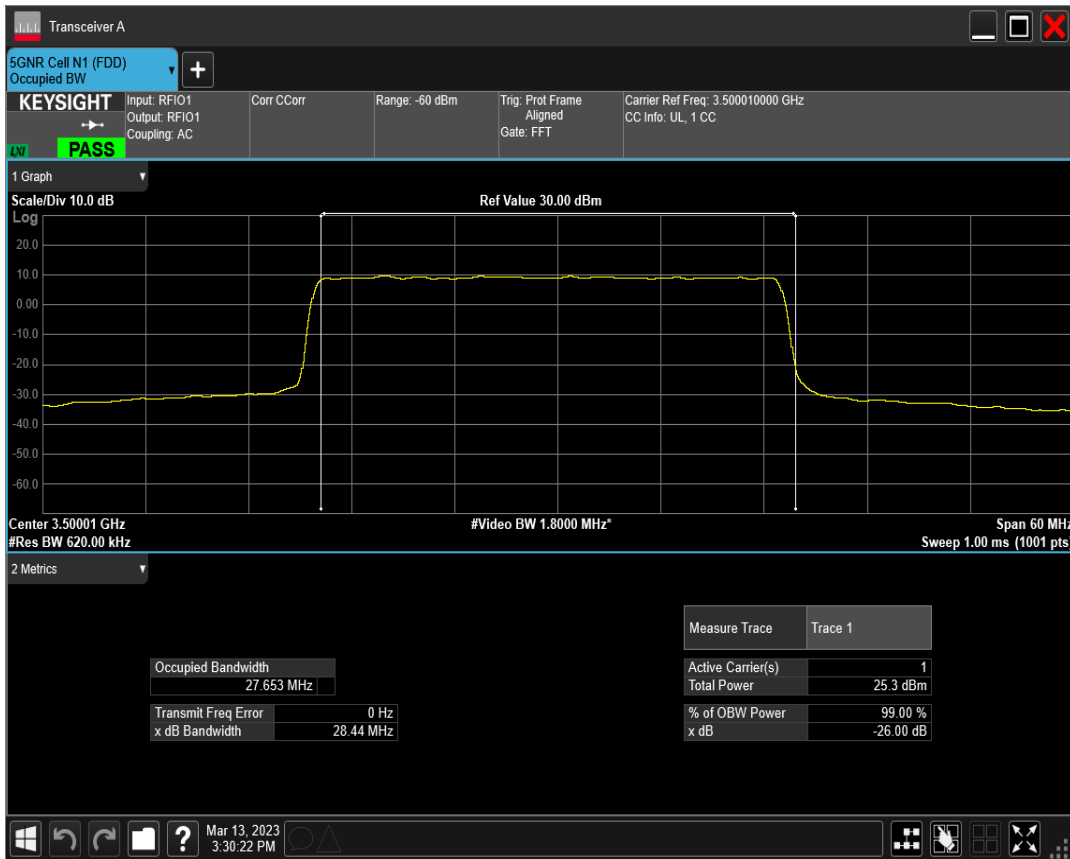
n77(3450-3550) SCS=30kHz DFT_BPSK BW=30MHz Channel=633334 RB=75@0



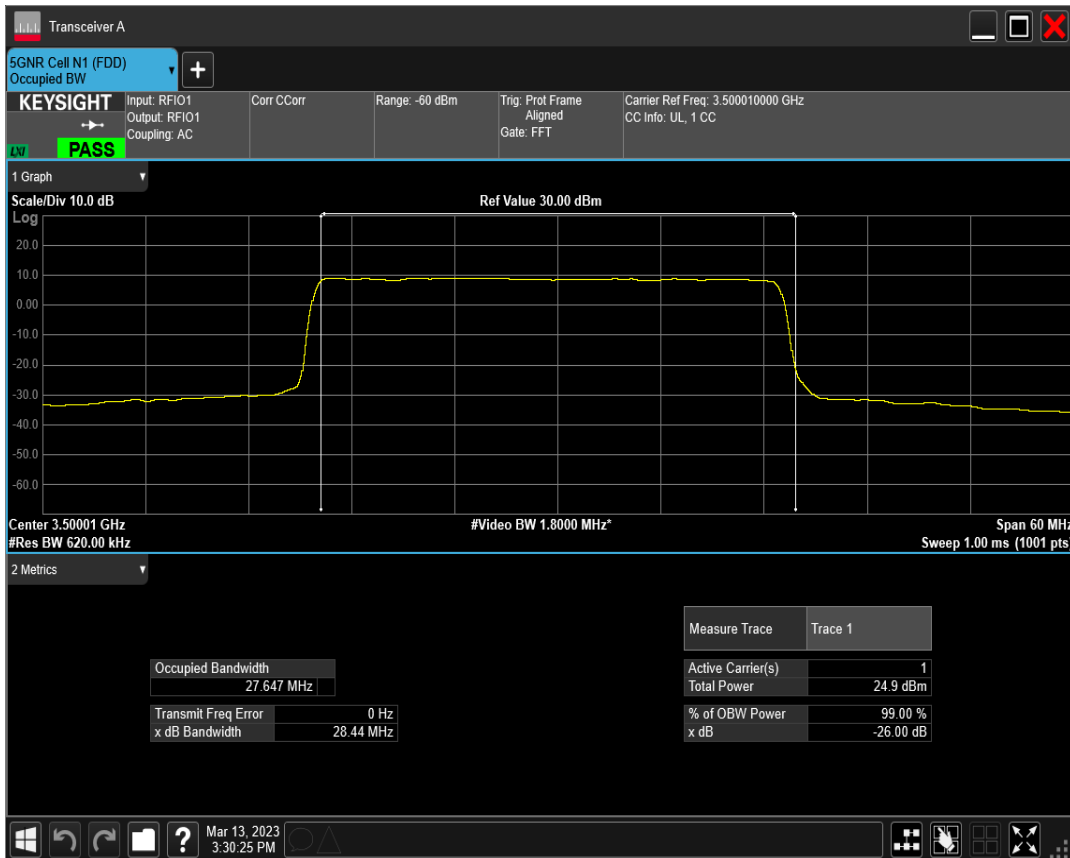
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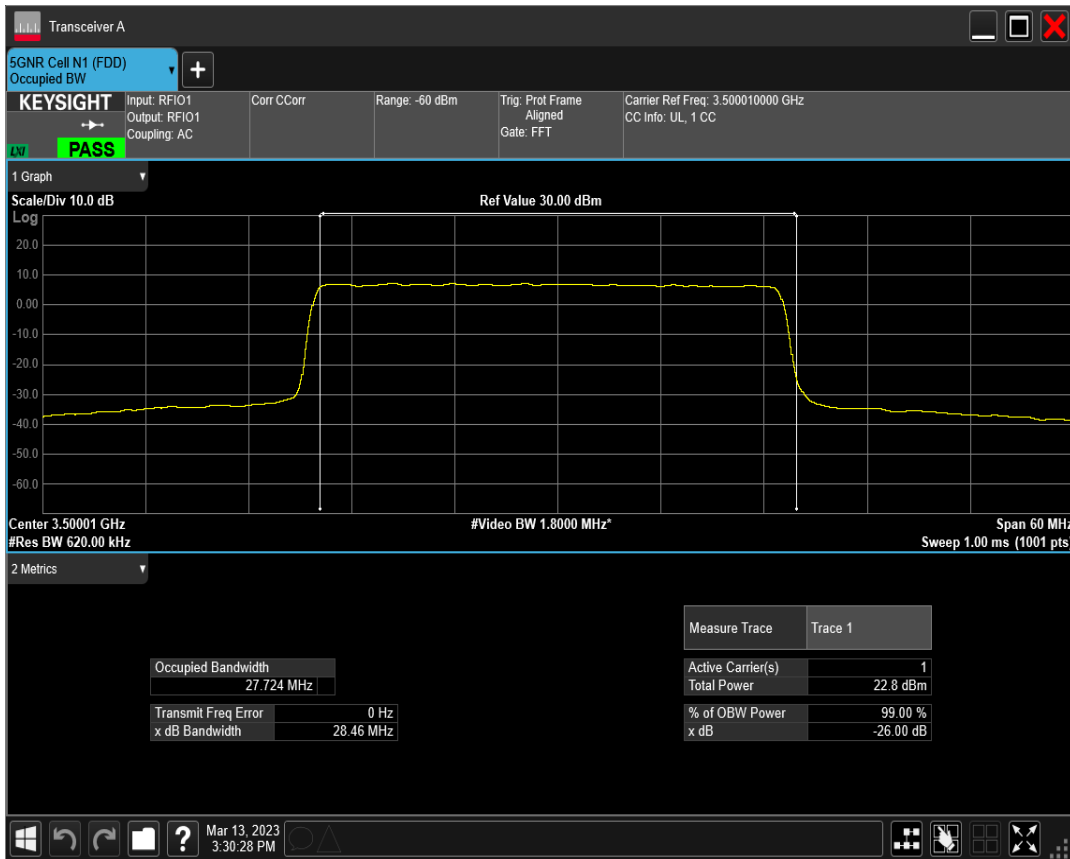
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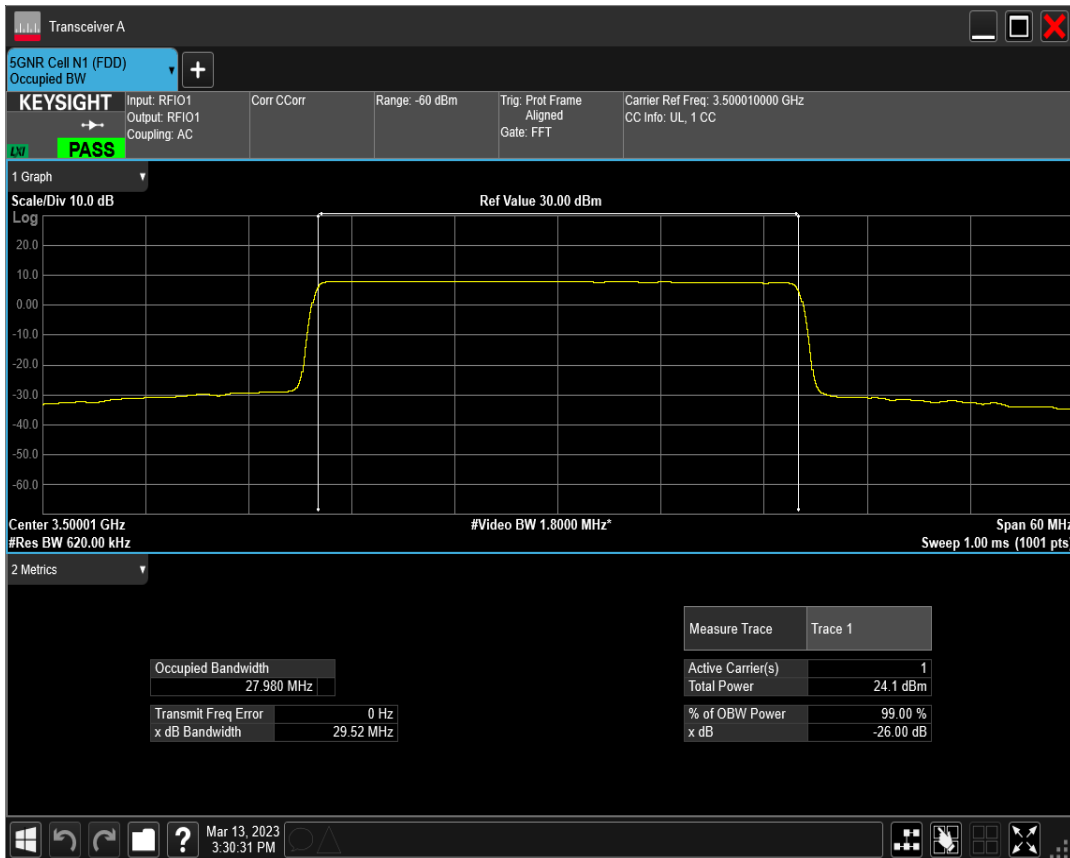
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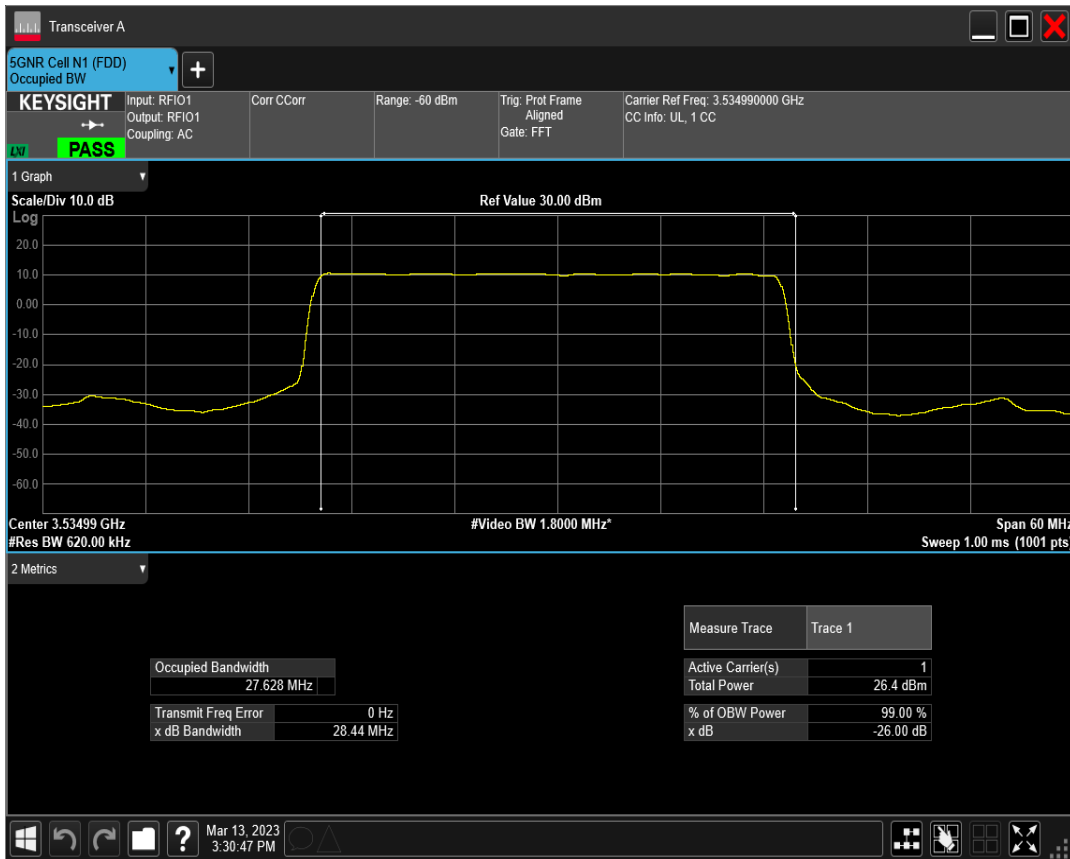
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=30MHz Channel=633334 RB=75@0



n77(3450-3550) SCS=30kHz CP_QPSK BW=30MHz Channel=633334 RB=78@0



n77(3450-3550) SCS=30kHz DFT_BPSK BW=30MHz Channel=635666 RB=75@0



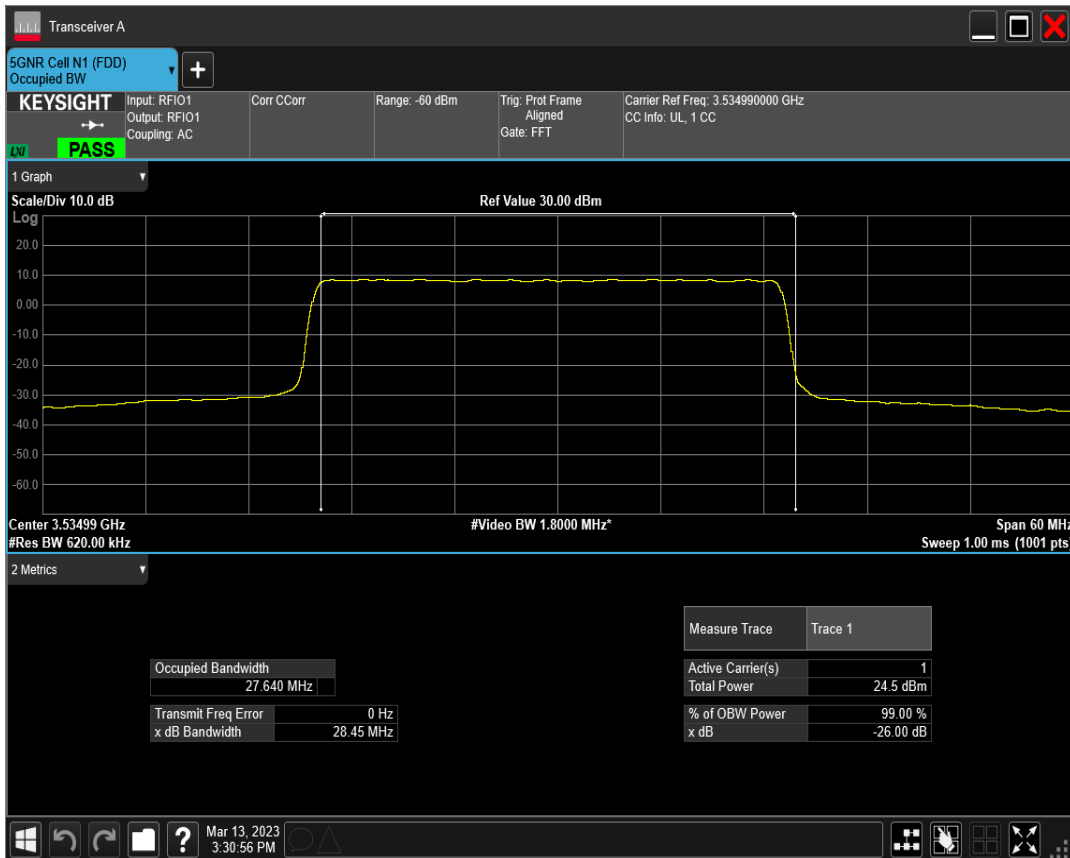
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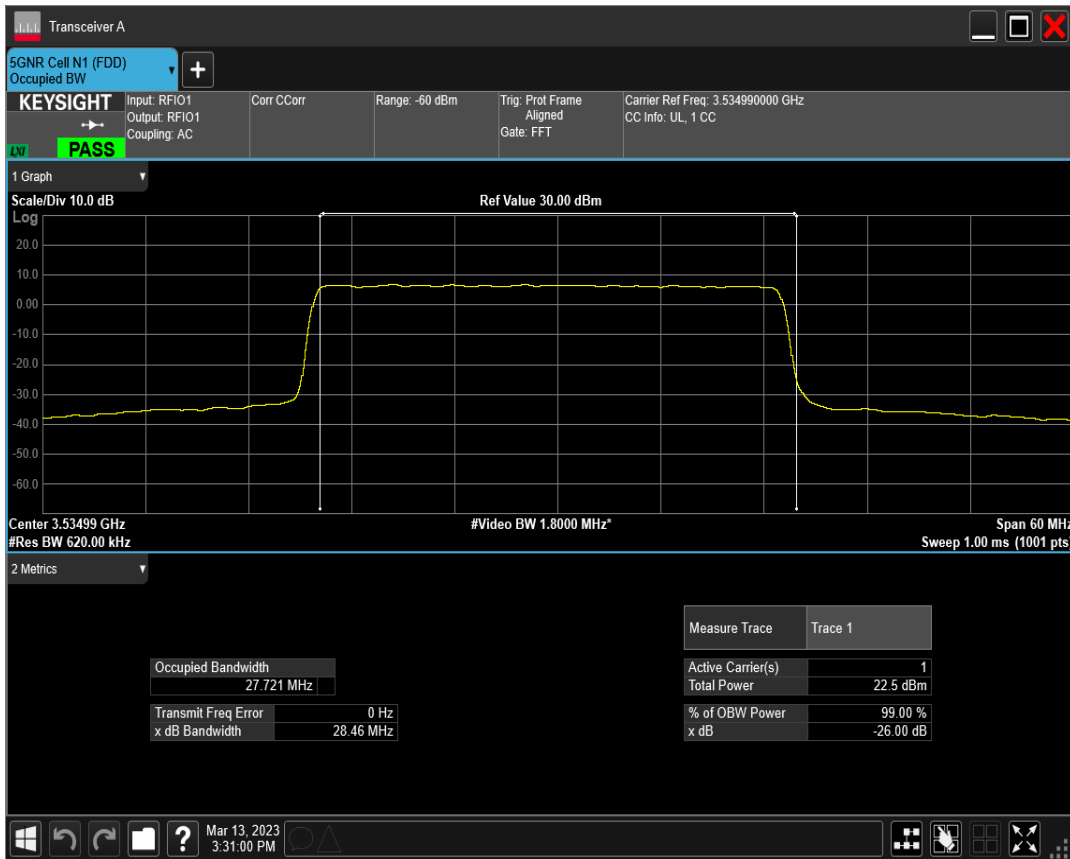
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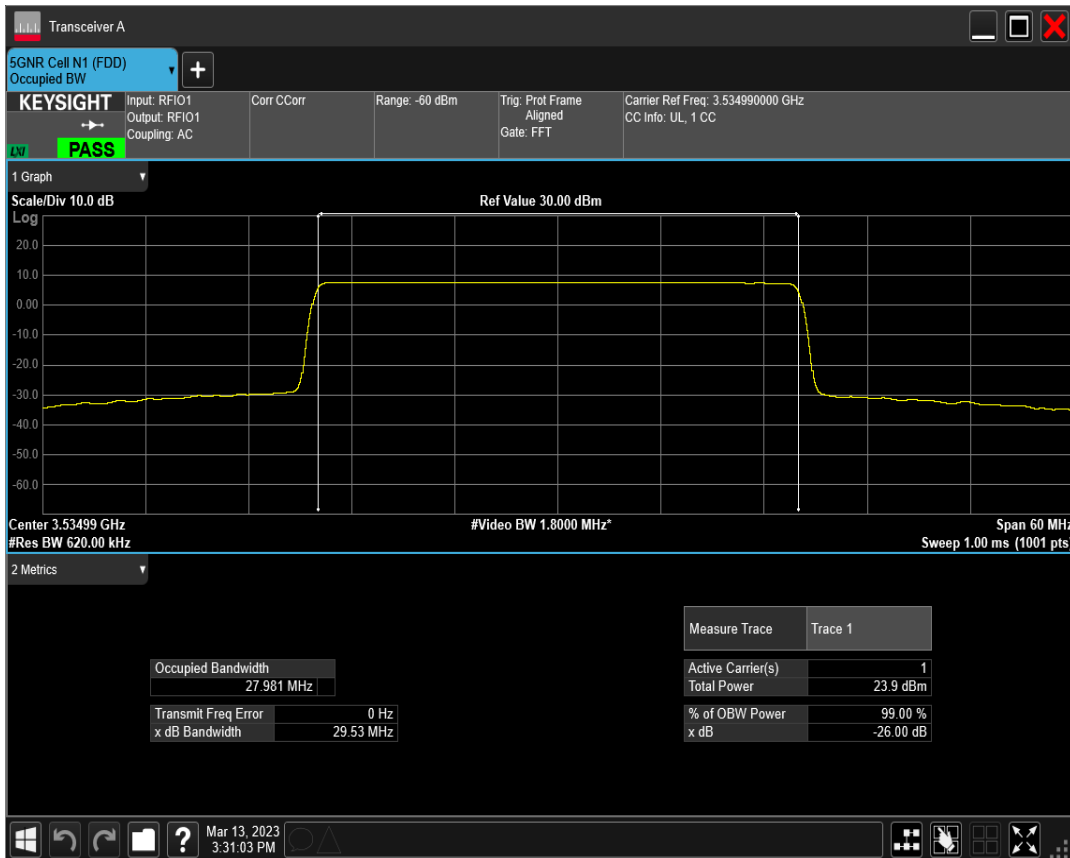
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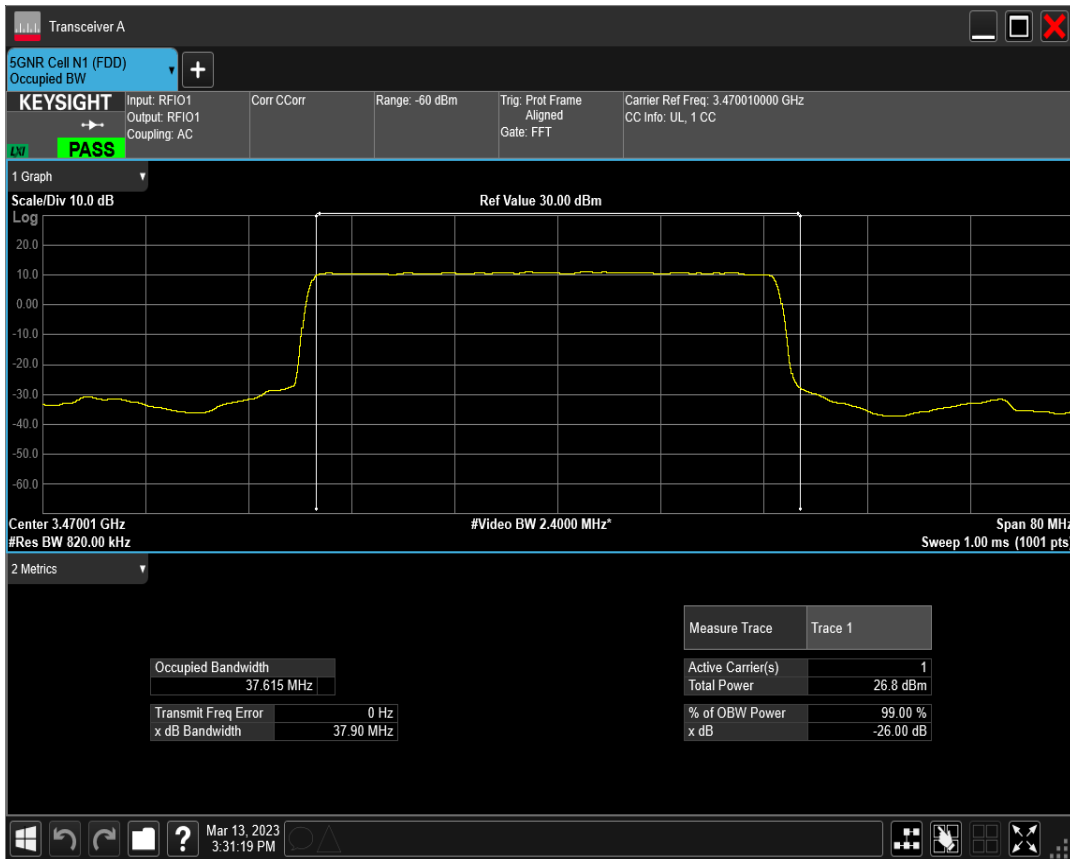
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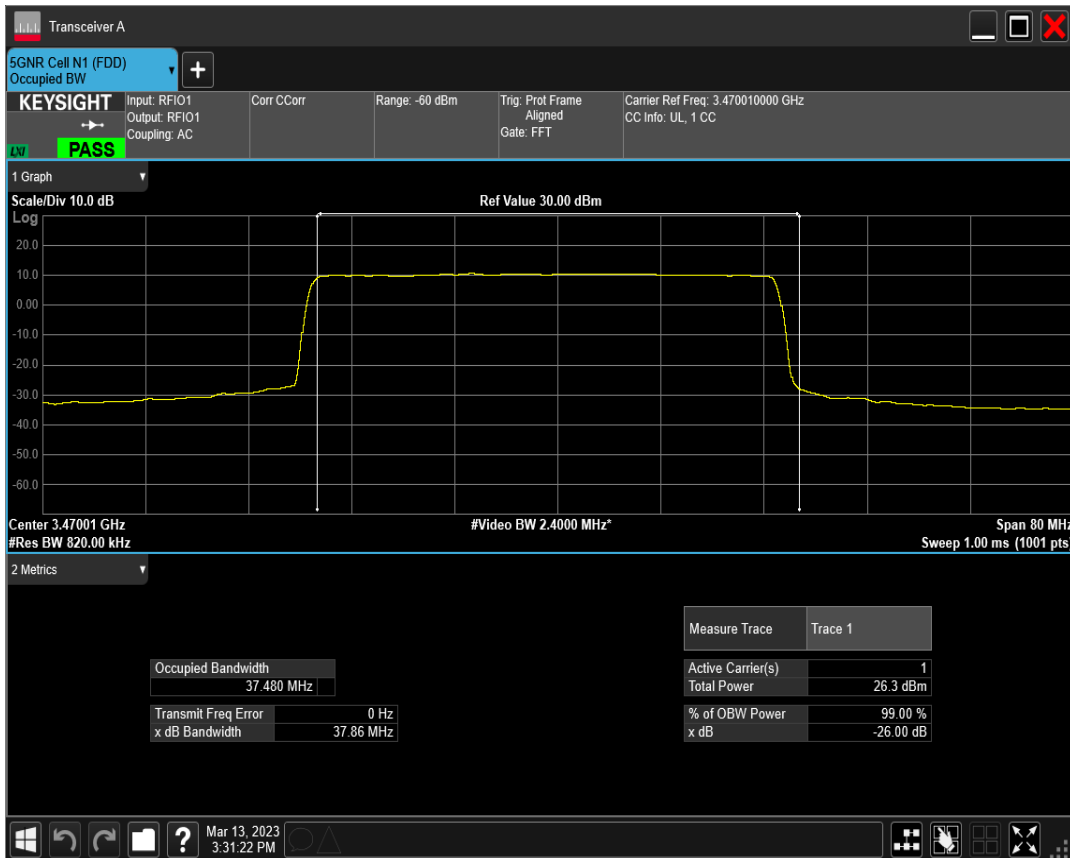
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n77(3450-3550) SCS=30kHz DFT_BPSK BW=40MHz Channel=631334 RB=100@0



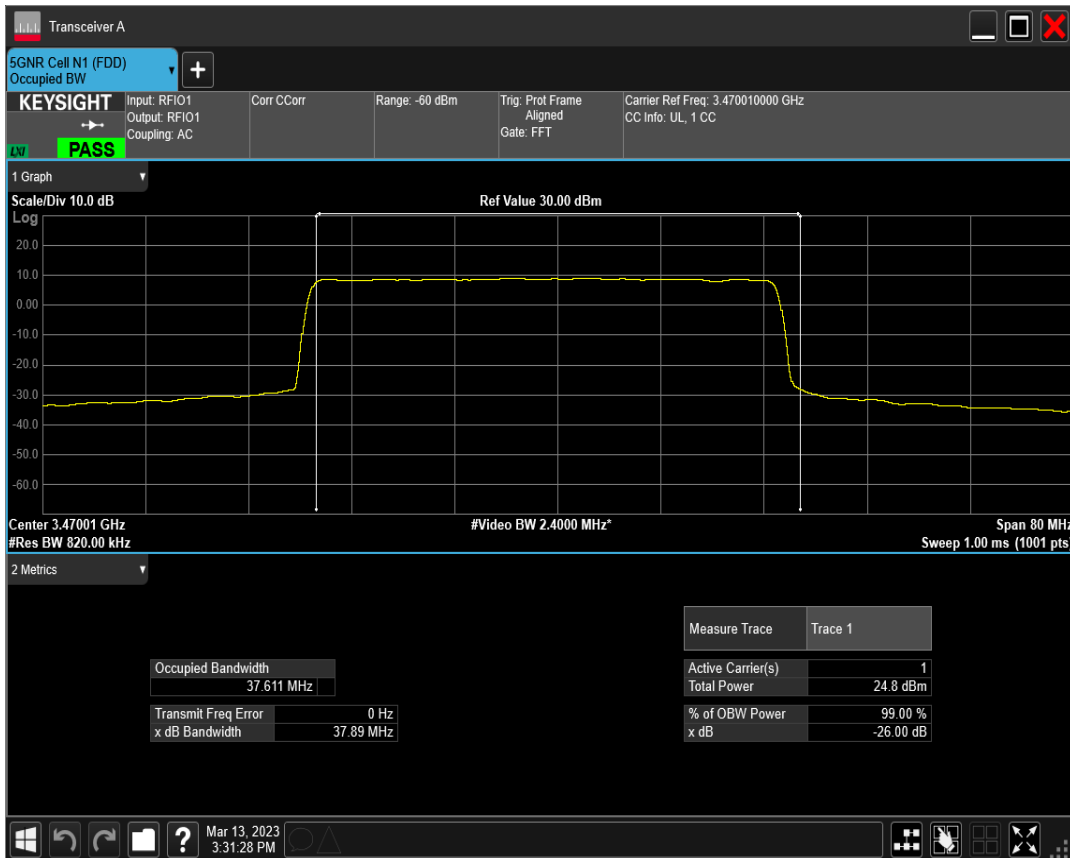
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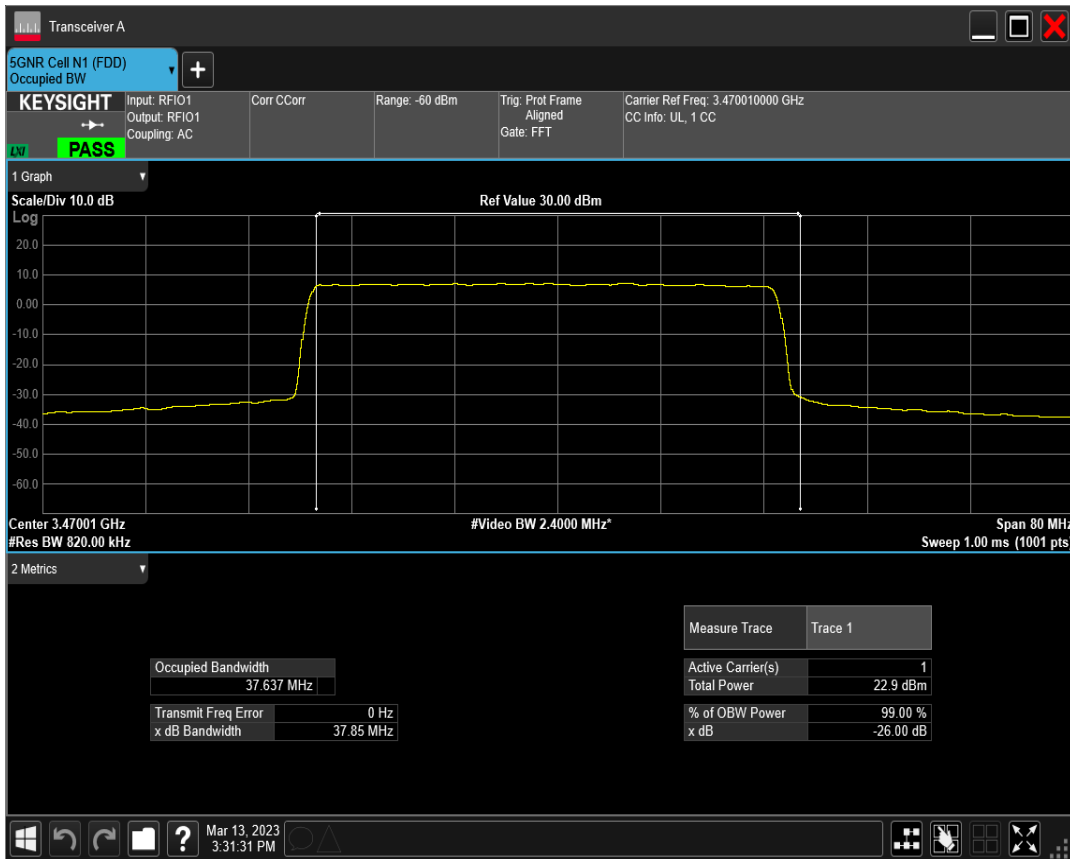
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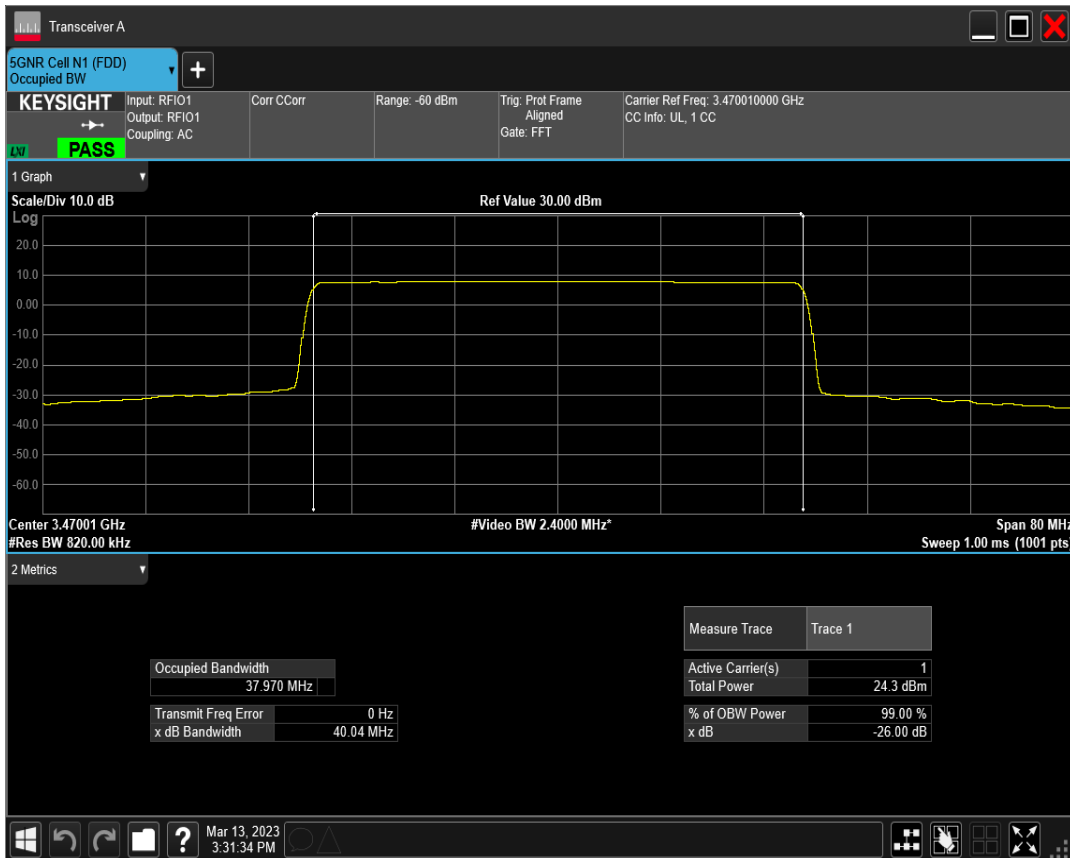
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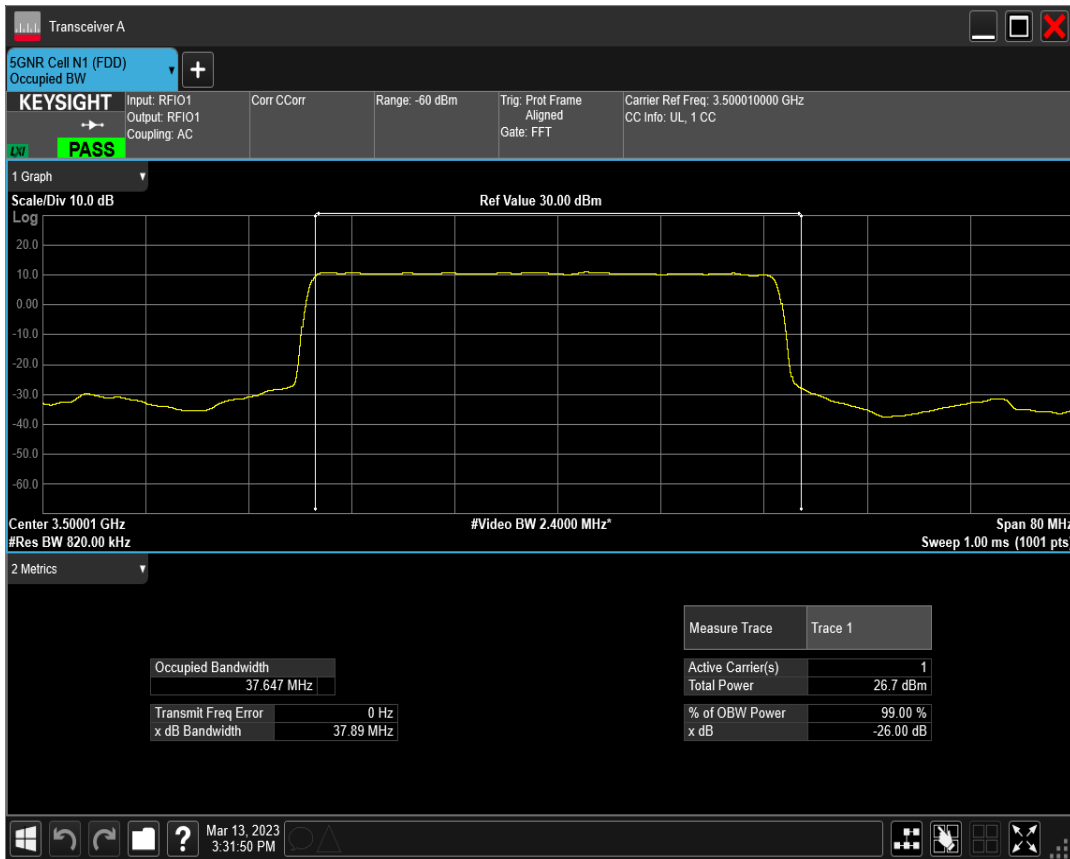
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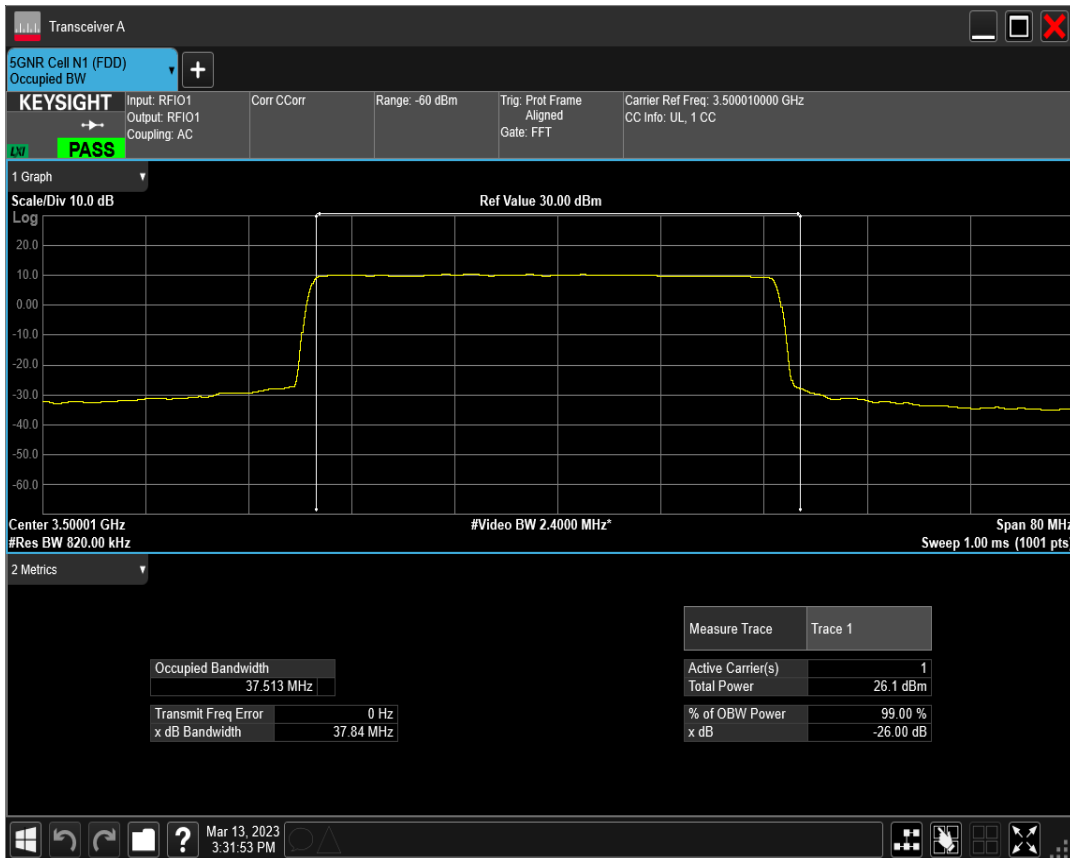
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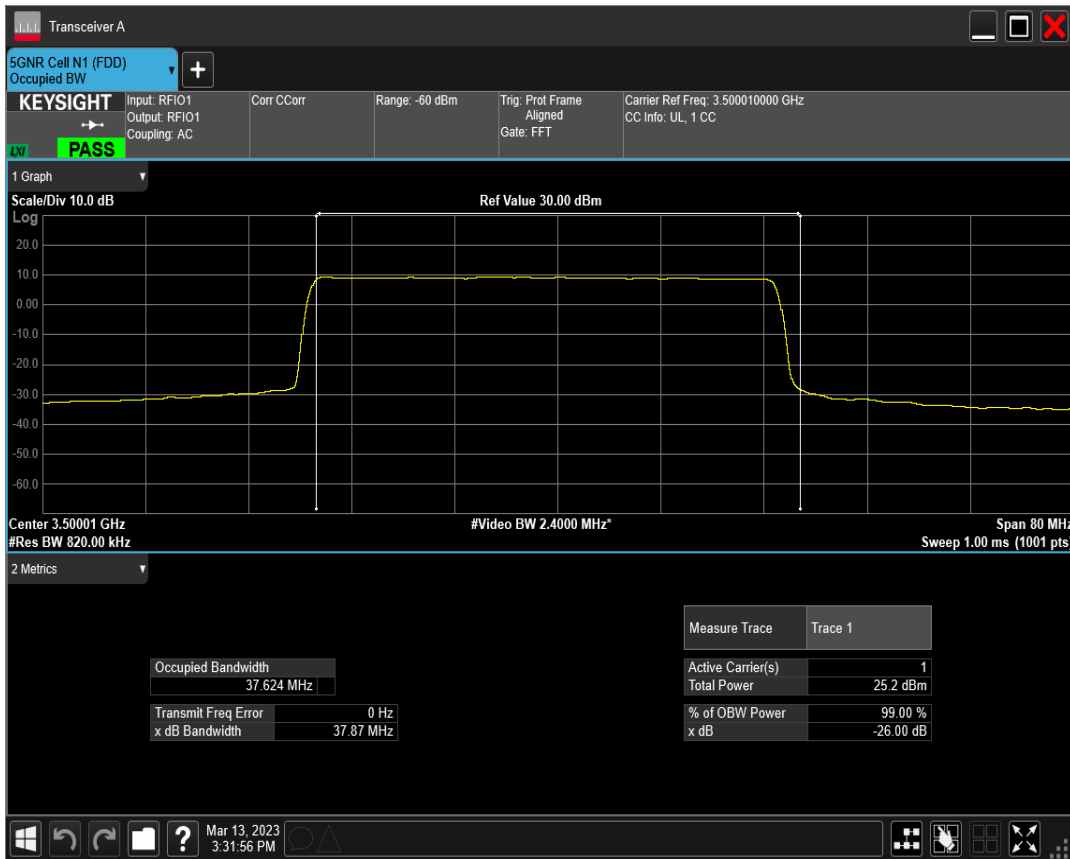
n77(3450-3550) SCS=30kHz DFT_BPSK BW=40MHz Channel=633334 RB=100@0



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



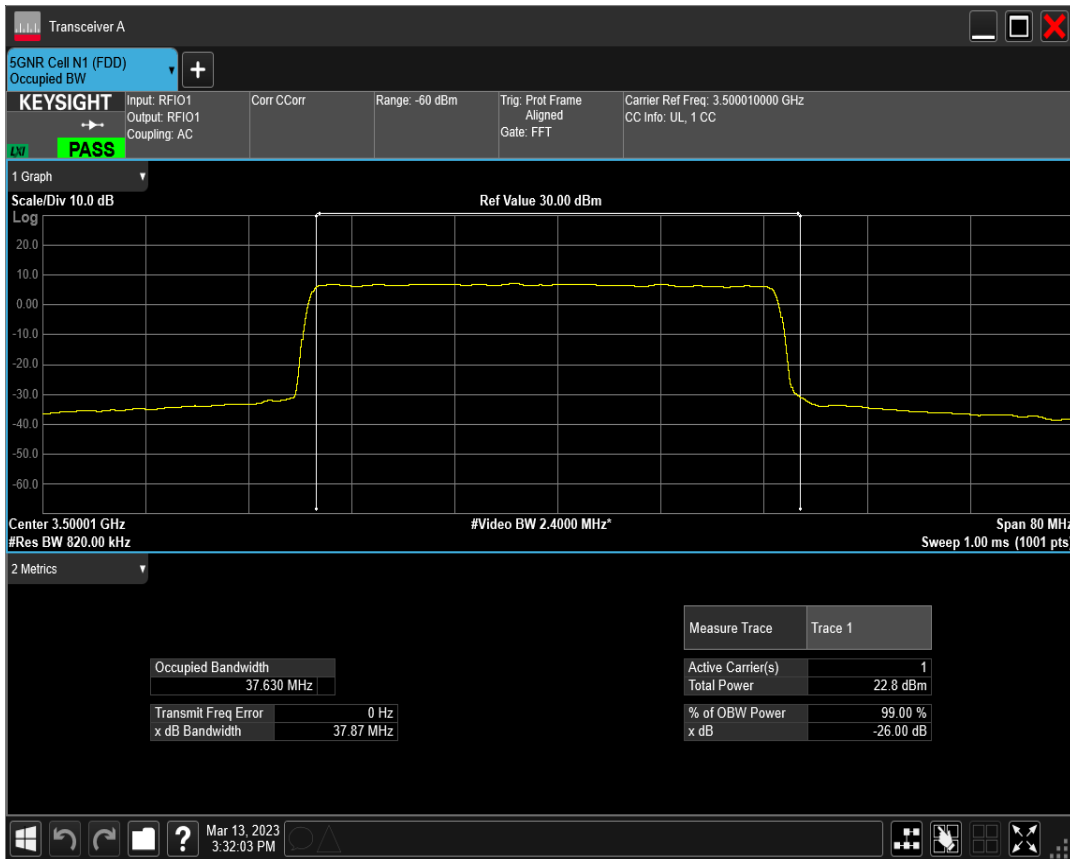
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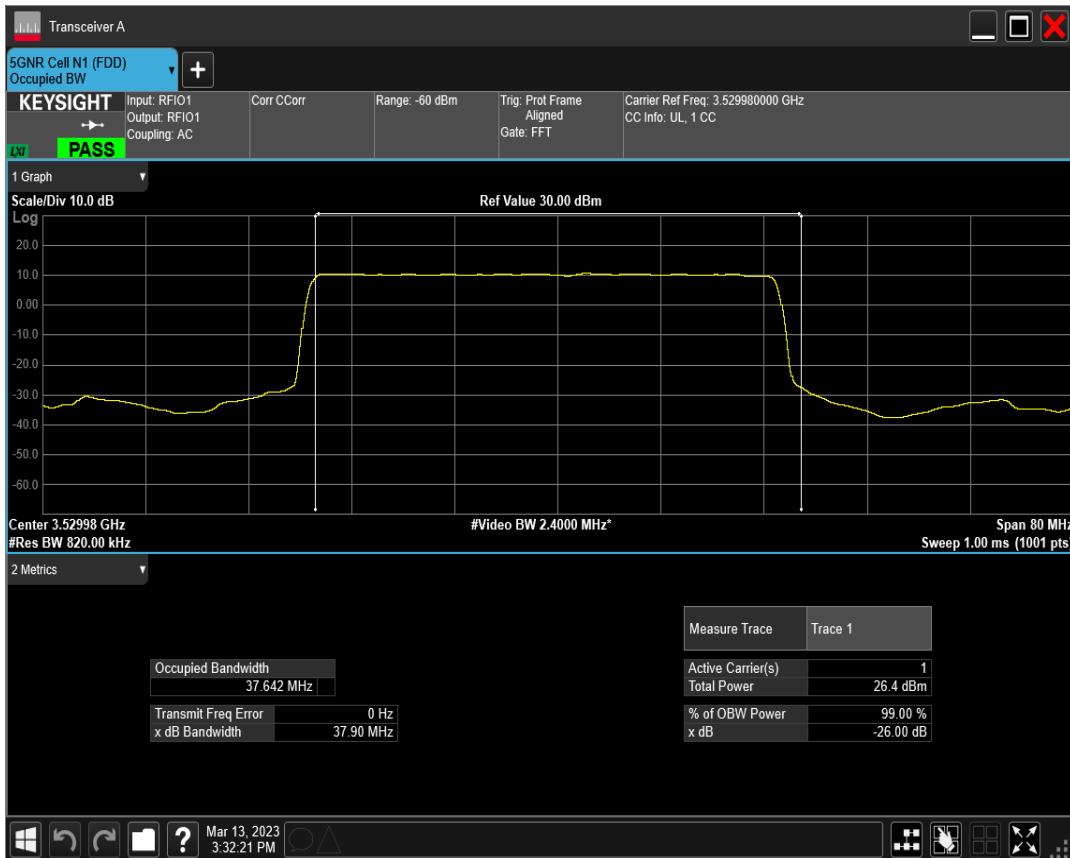
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=40MHz Channel=633334 RB=100@0



n77(3450-3550) SCS=30kHz DFT_QAM256 BW=40MHz Channel=633334 RB=100@0



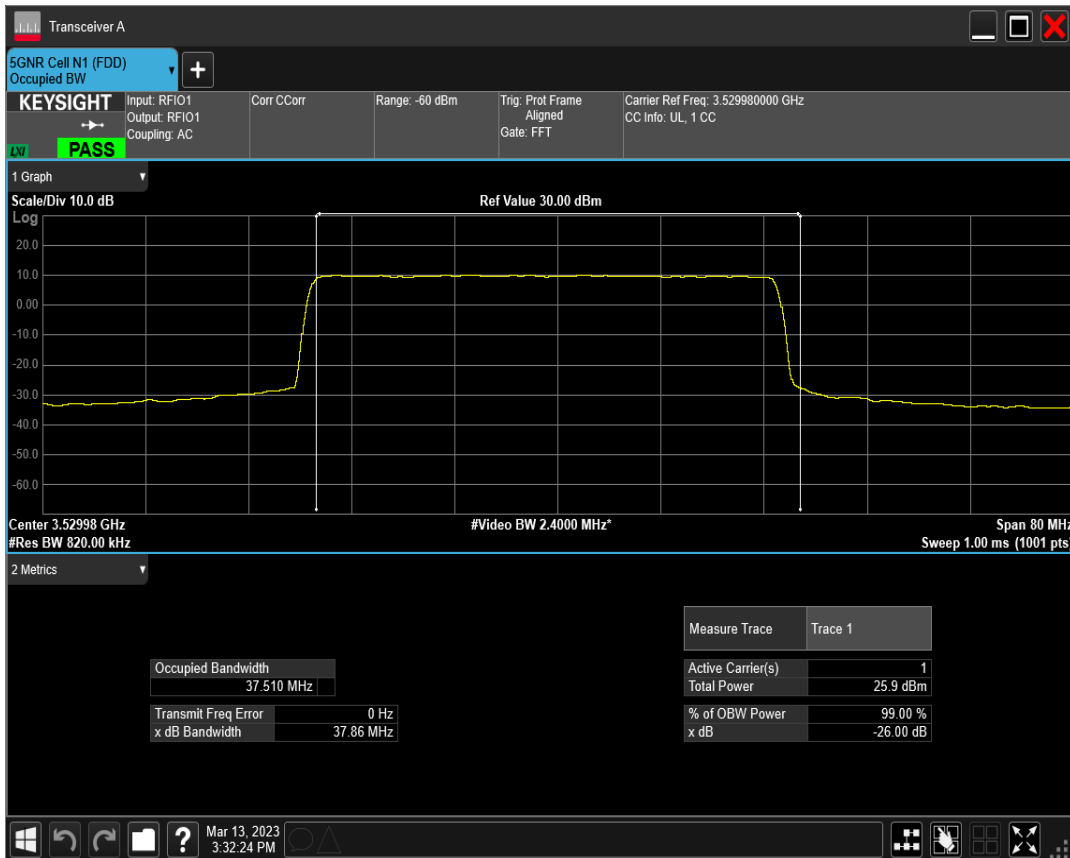
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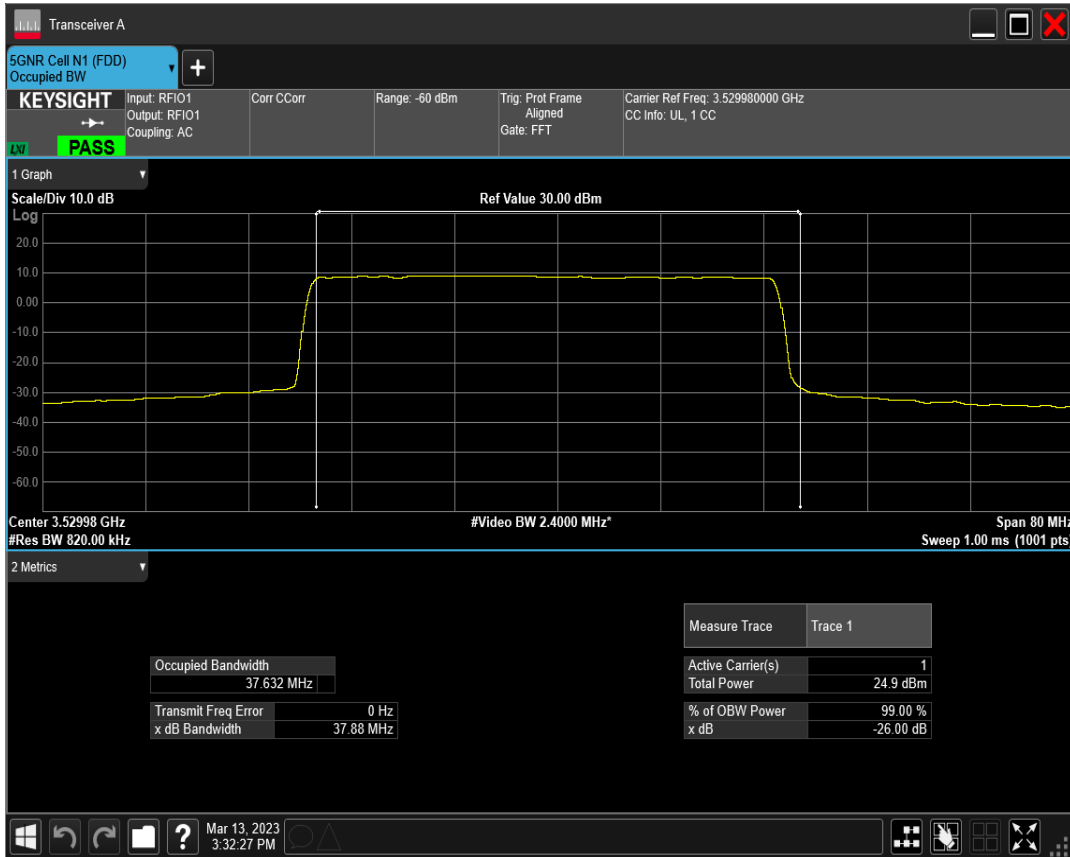
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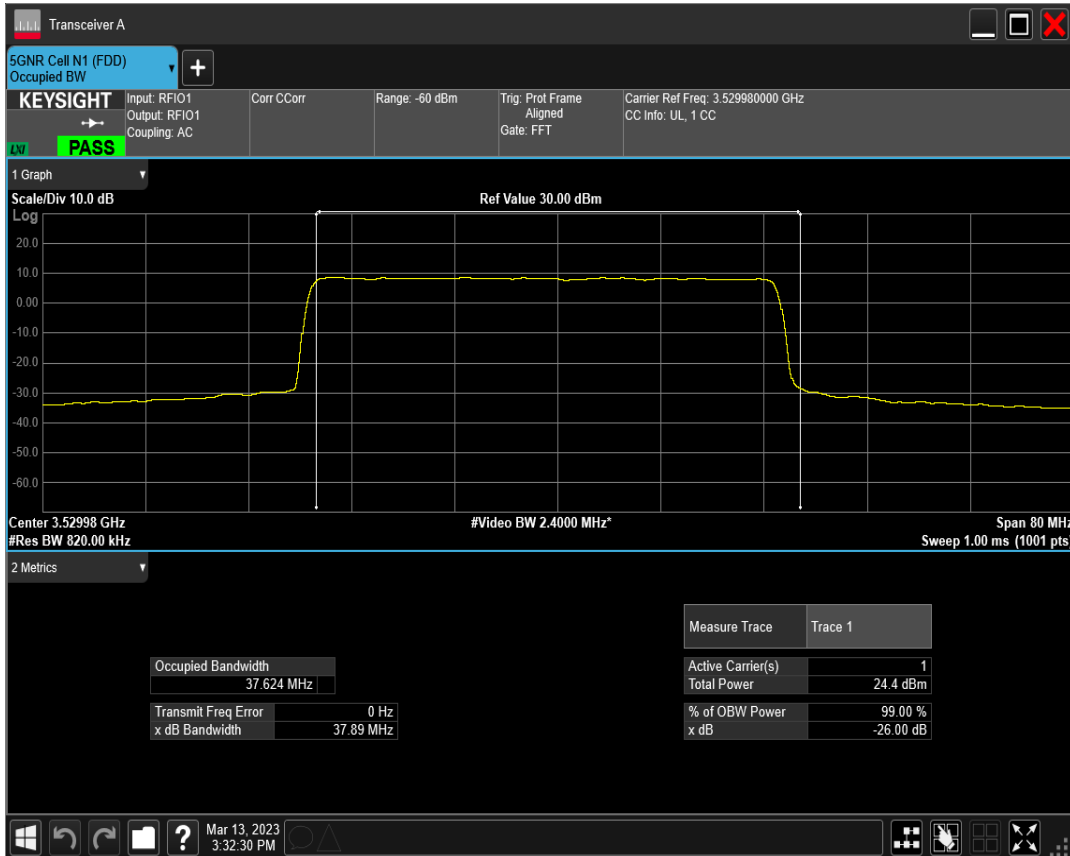
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n77(3450-3550) SCS=30kHz DFT_QAM16 BW=40MHz Channel=635332 RB=100@0



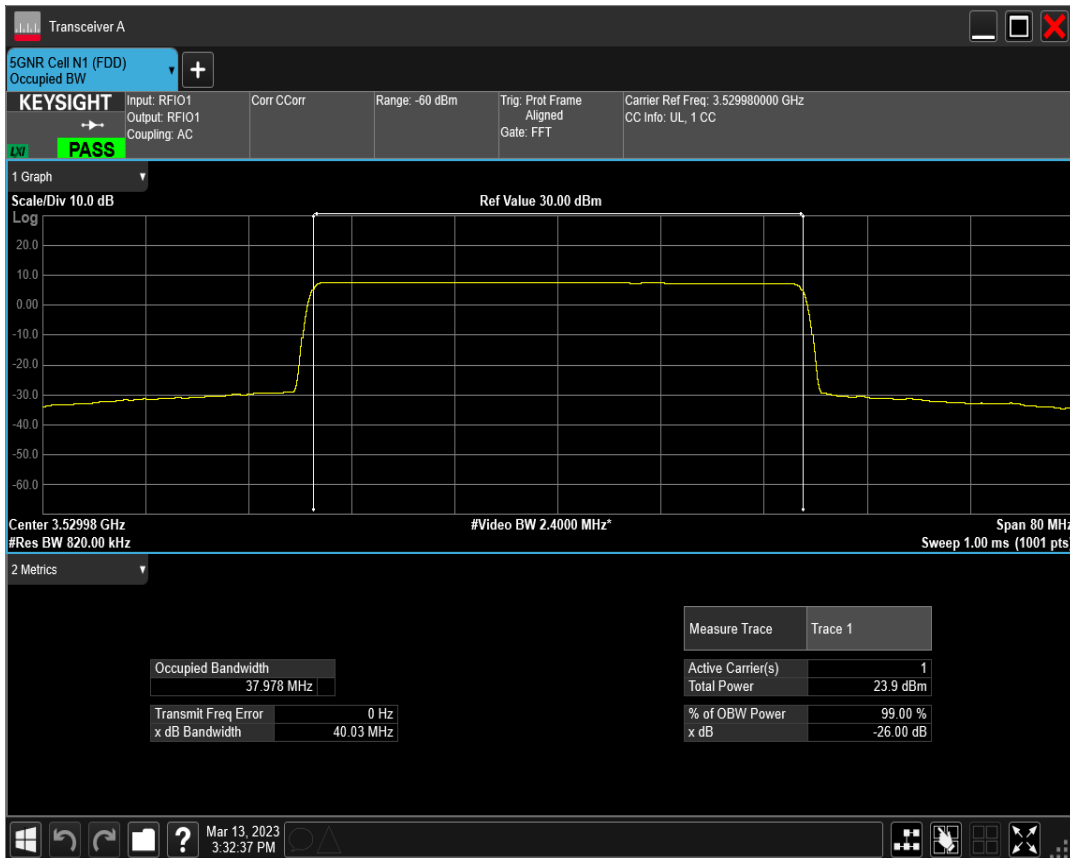
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n77(3450-3550) SCS=30kHz DFT_QAM256 BW=40MHz Channel=635332 RB=100@0



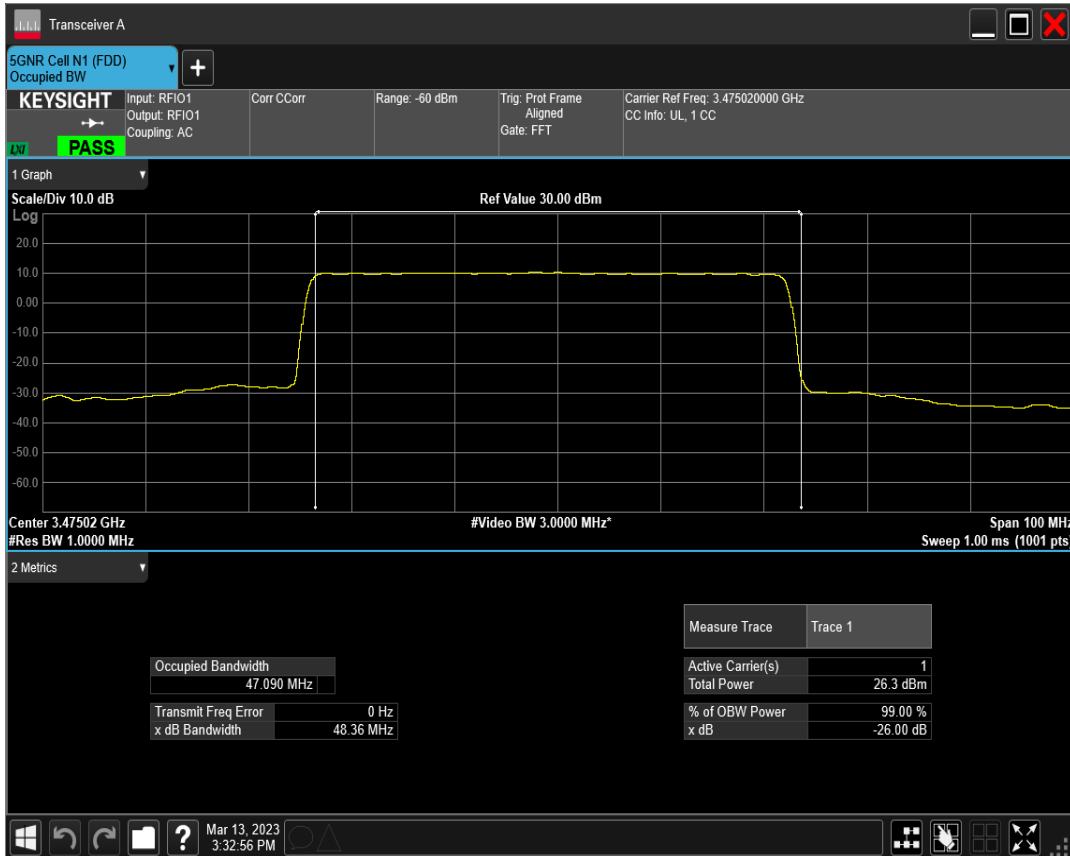
n77(3450-3550) SCS=30kHz CP_QPSK BW=40MHz Channel=635332 RB=106@0



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



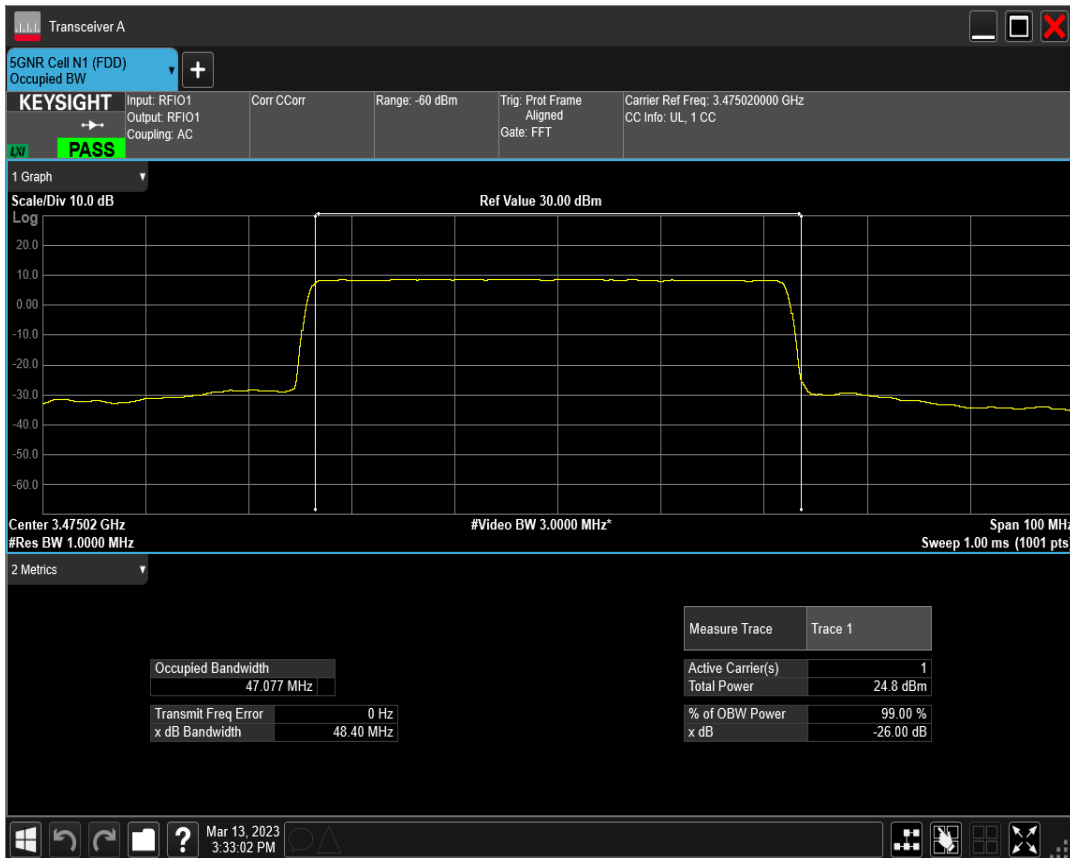
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n77(3450-3550) SCS=30kHz DFT_QAM16 BW=50MHz Channel=631668 RB=128@0



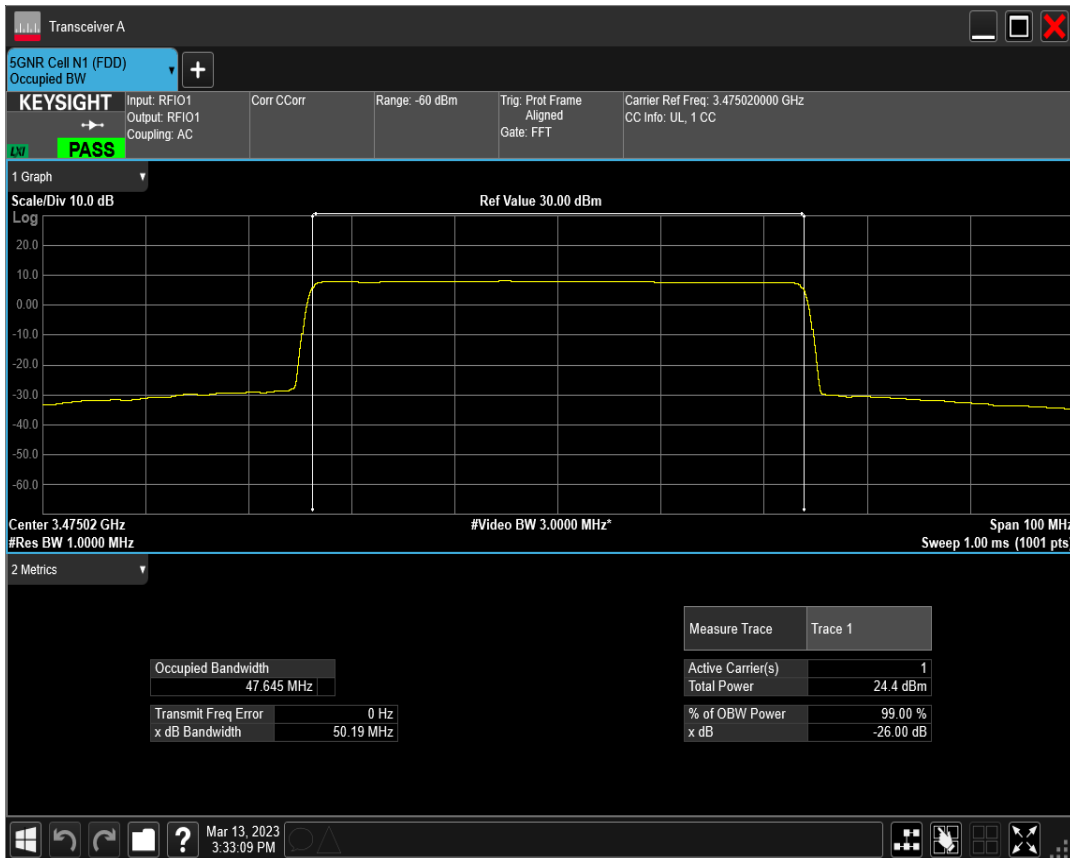
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n77(3450-3550) SCS=30kHz DFT_QAM256 BW=50MHz Channel=631668 RB=128@0



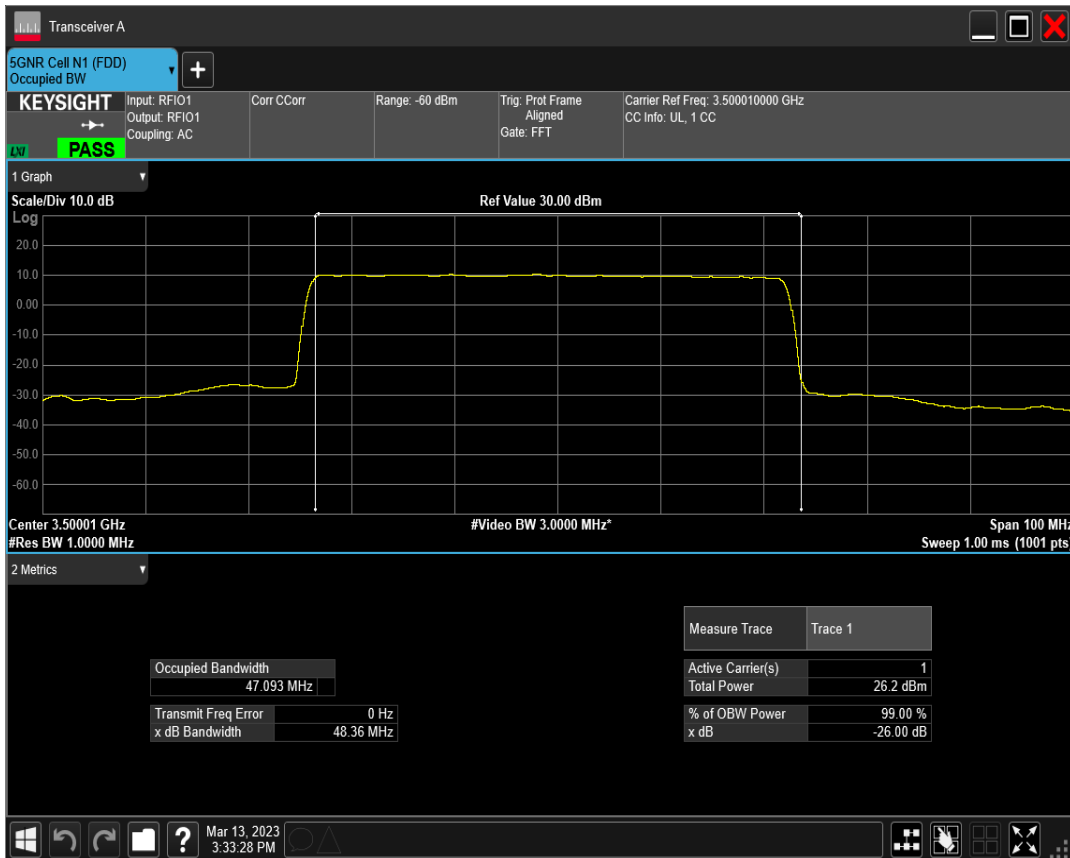
n77(3450-3550) SCS=30kHz CP_QPSK BW=50MHz Channel=631668 RB=133@0



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



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



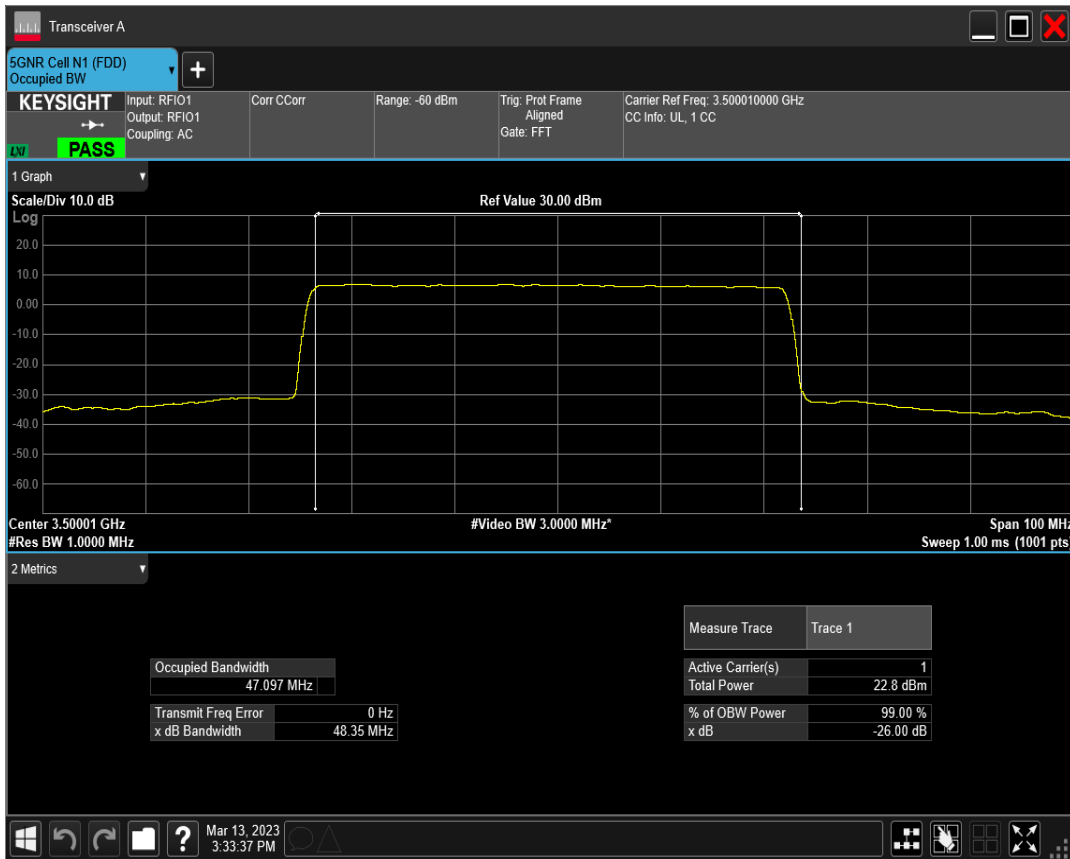
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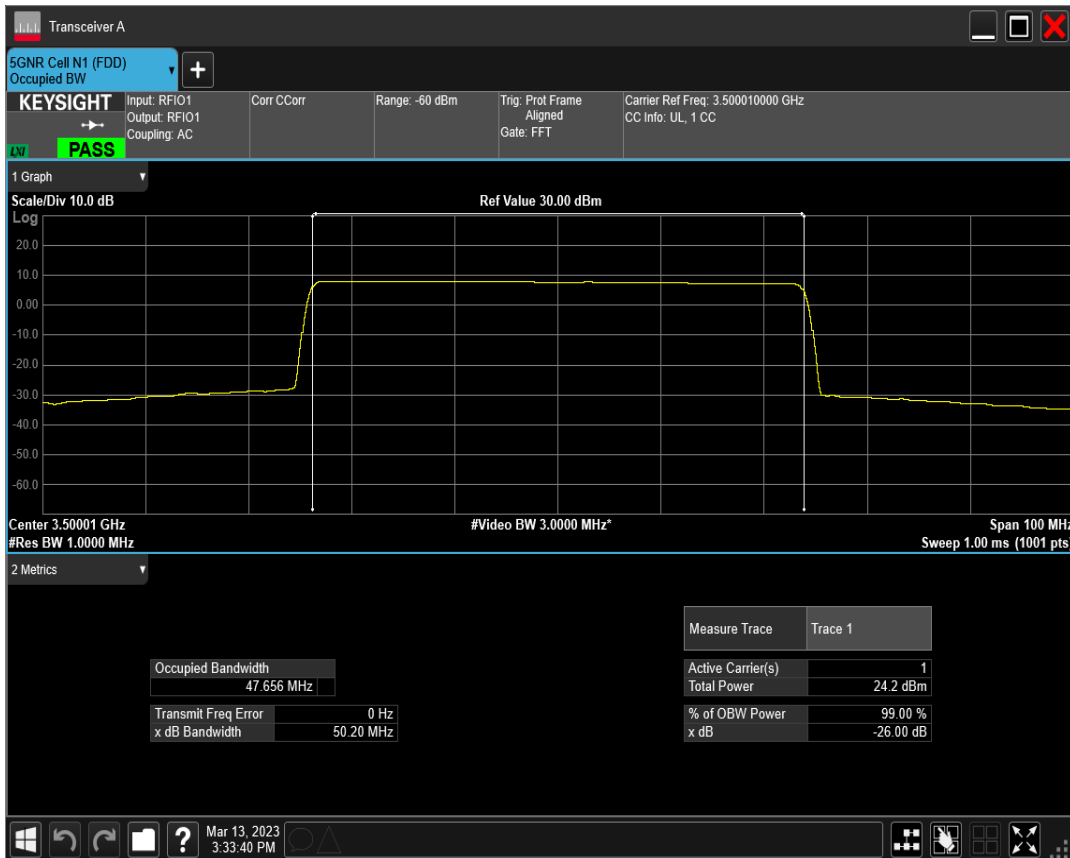
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=50MHz Channel=633334 RB=128@0



n77(3450-3550) SCS=30kHz DFT_QAM256 BW=50MHz Channel=633334 RB=128@0



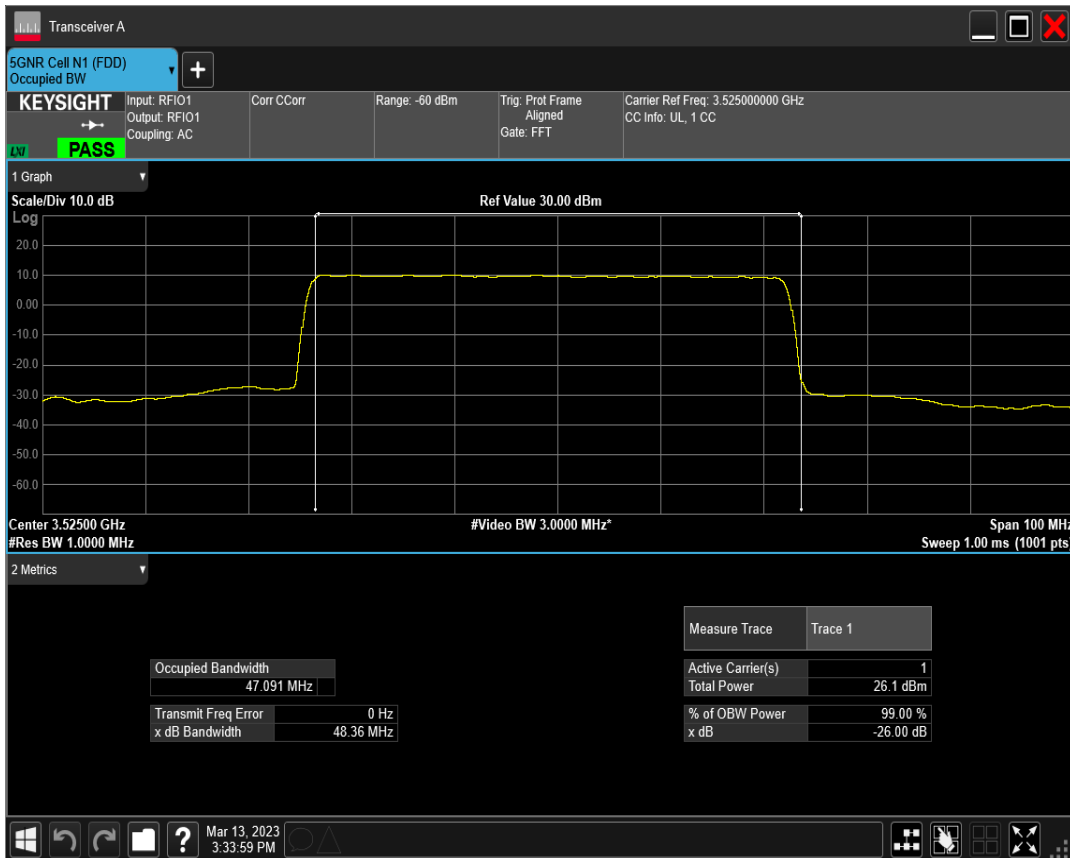
n77(3450-3550) SCS=30kHz CP_QPSK BW=50MHz Channel=633334 RB=133@0



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



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



n77(3450-3550) SCS=30kHz DFT_QAM16 BW=50MHz Channel=635000 RB=128@0



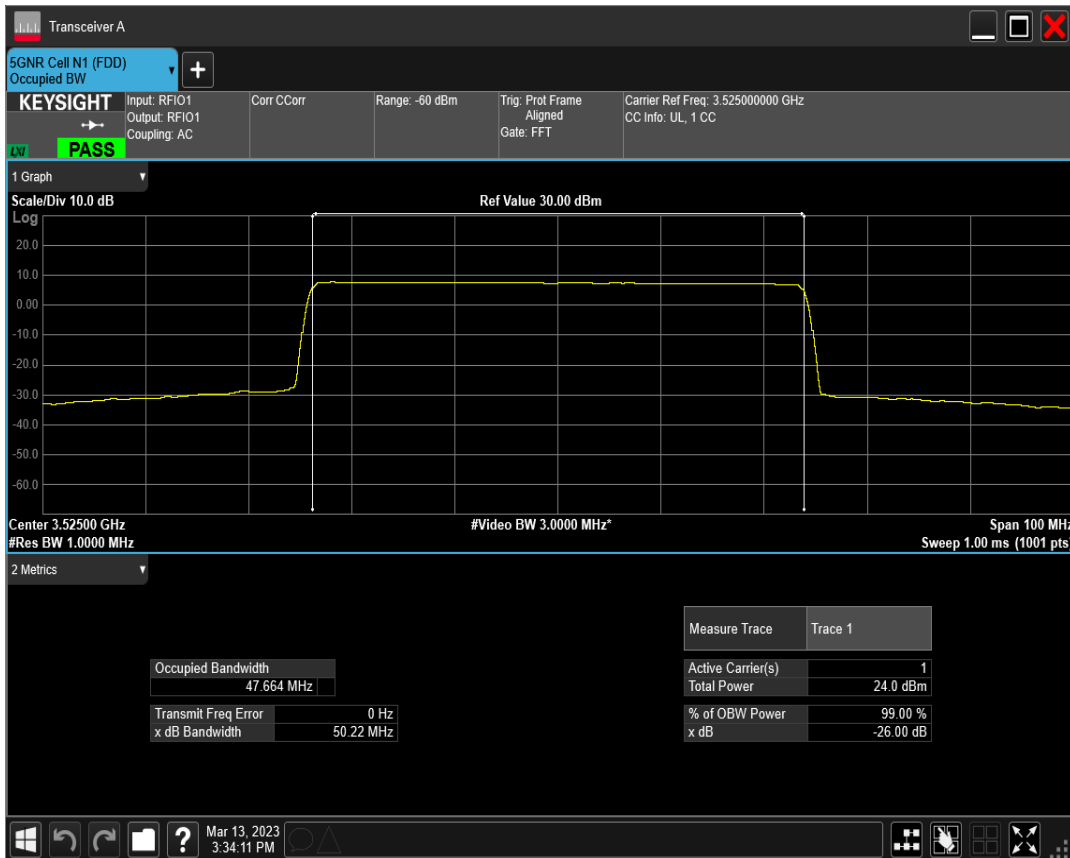
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=50MHz Channel=635000 RB=128@0



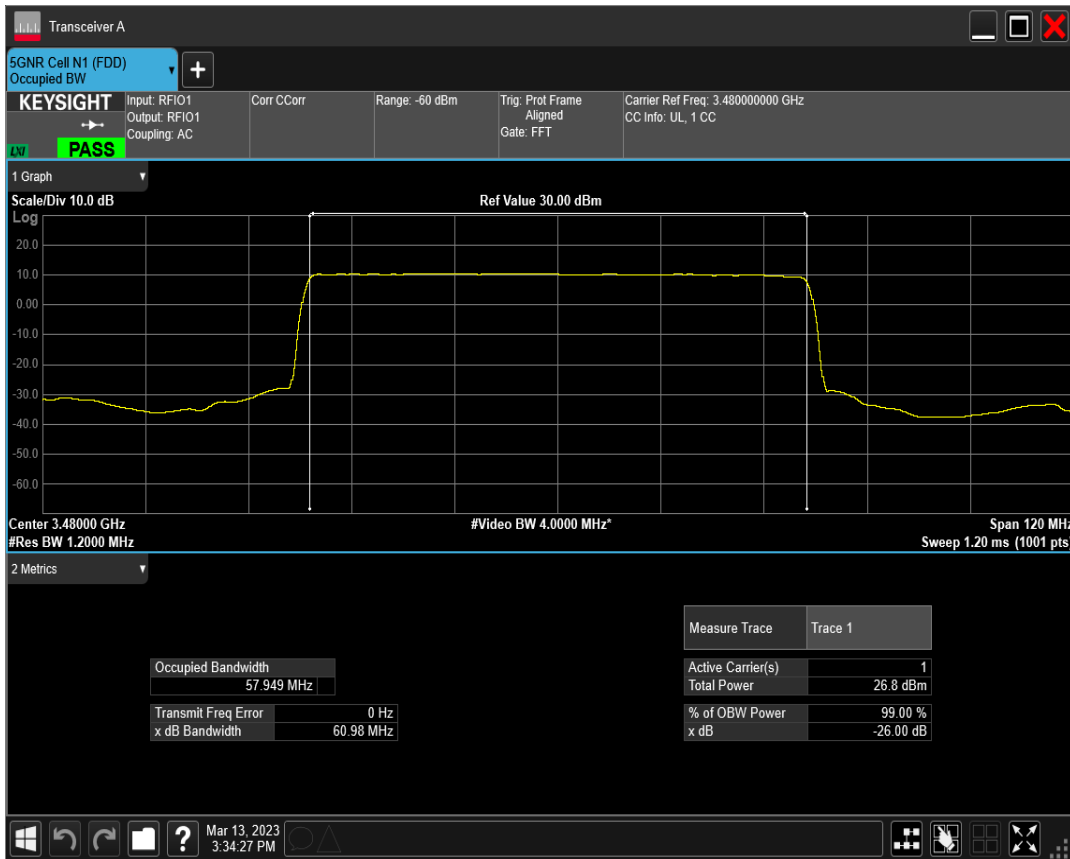
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=50MHz Channel=635000 RB=128@0



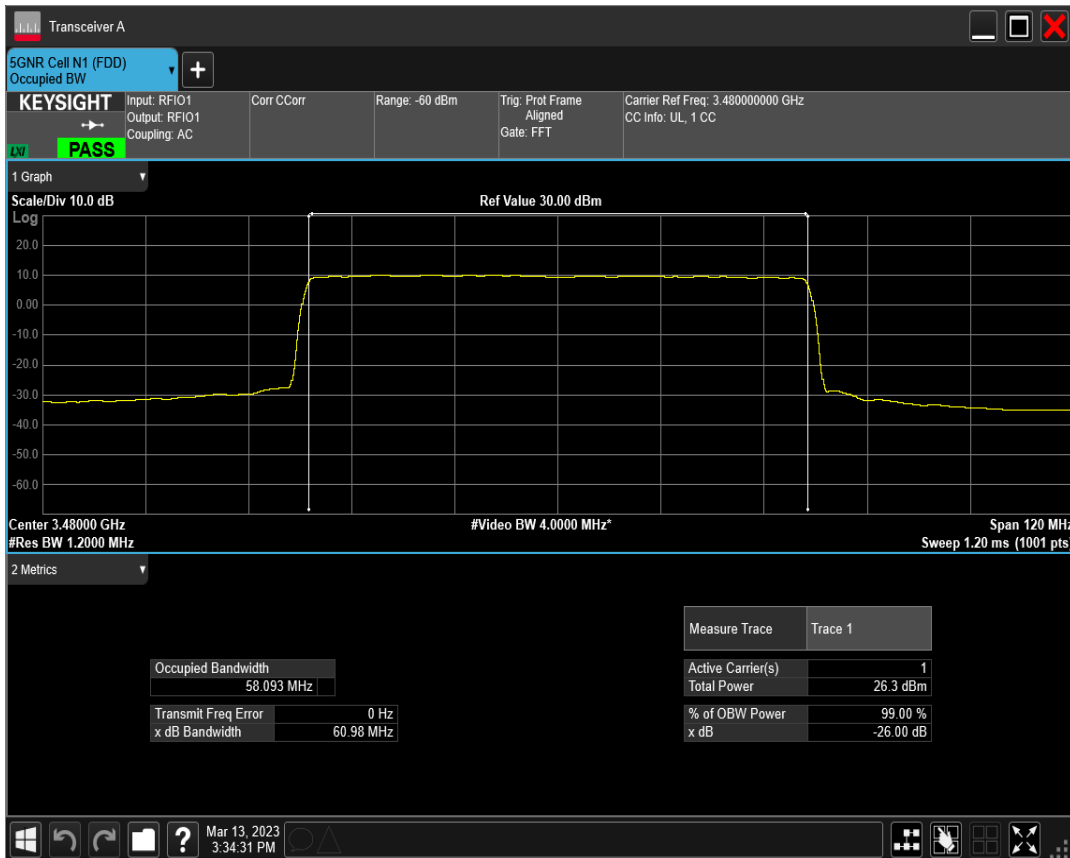
n77(3450-3550) SCS=30kHz CP_QPSK BW=50MHz Channel=635000 RB=133@0



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



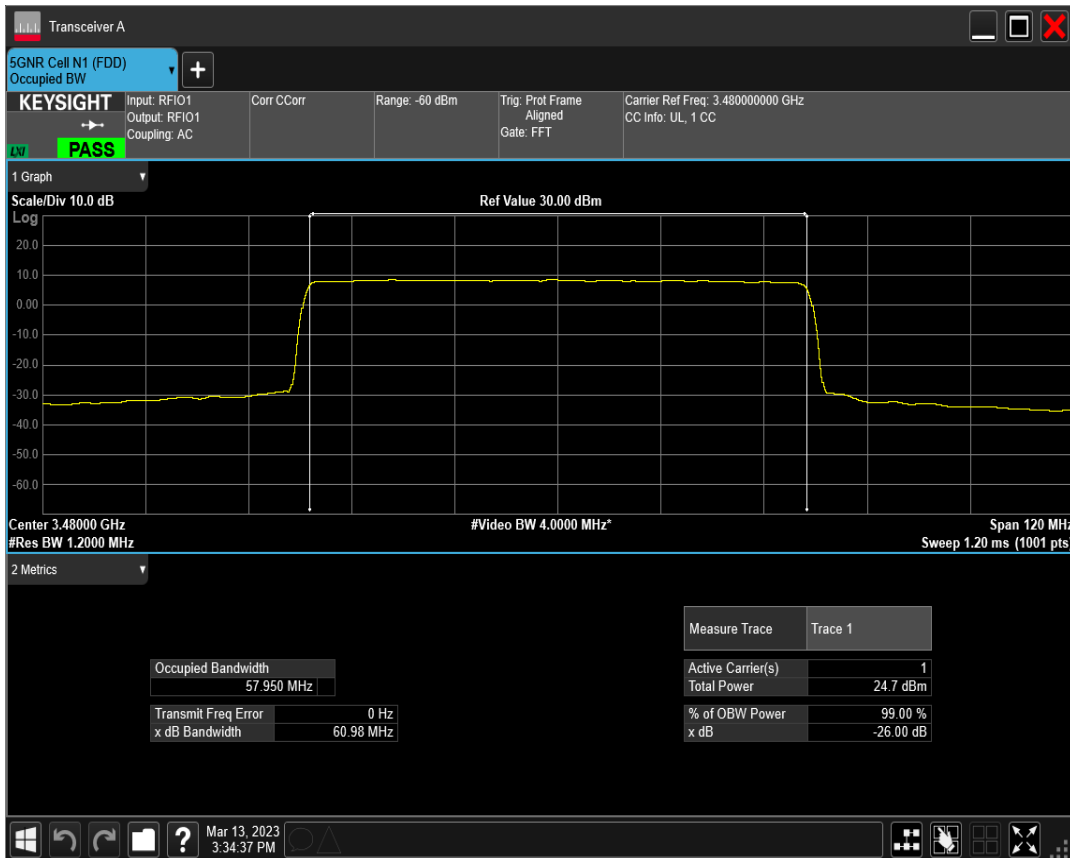
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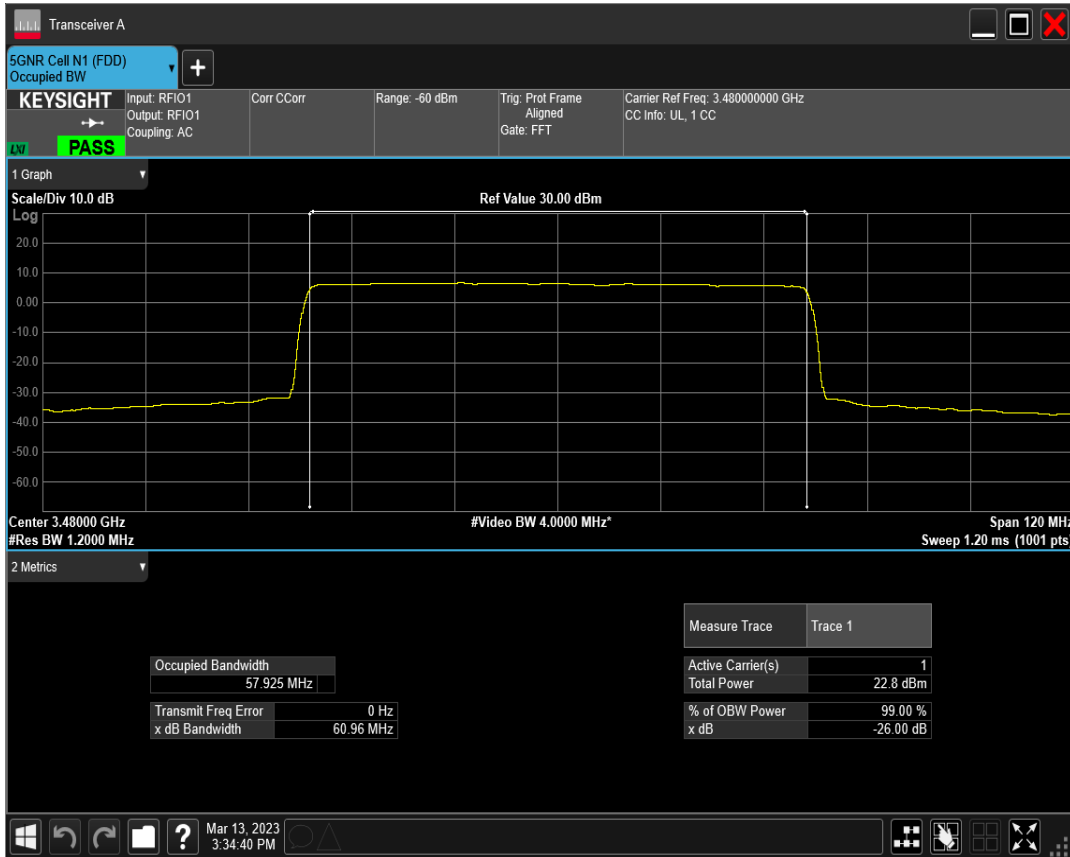
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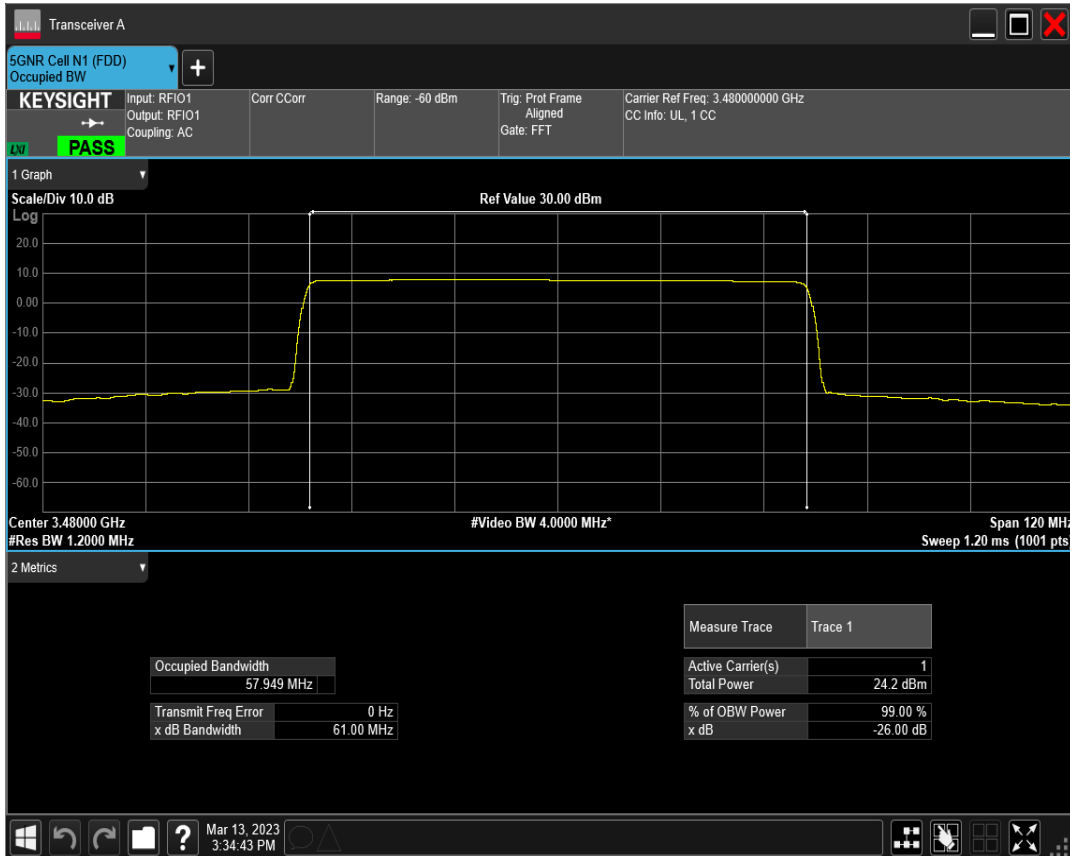
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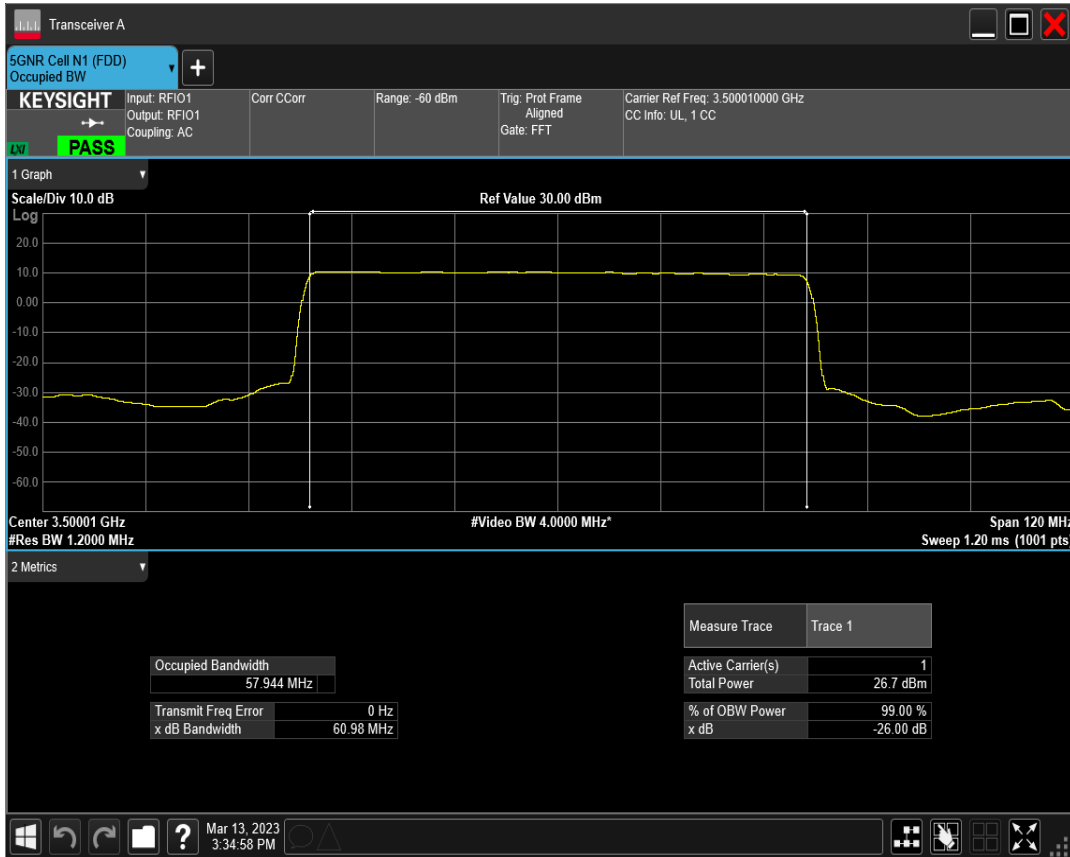
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=60MHz Channel=632000 RB=162@0



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



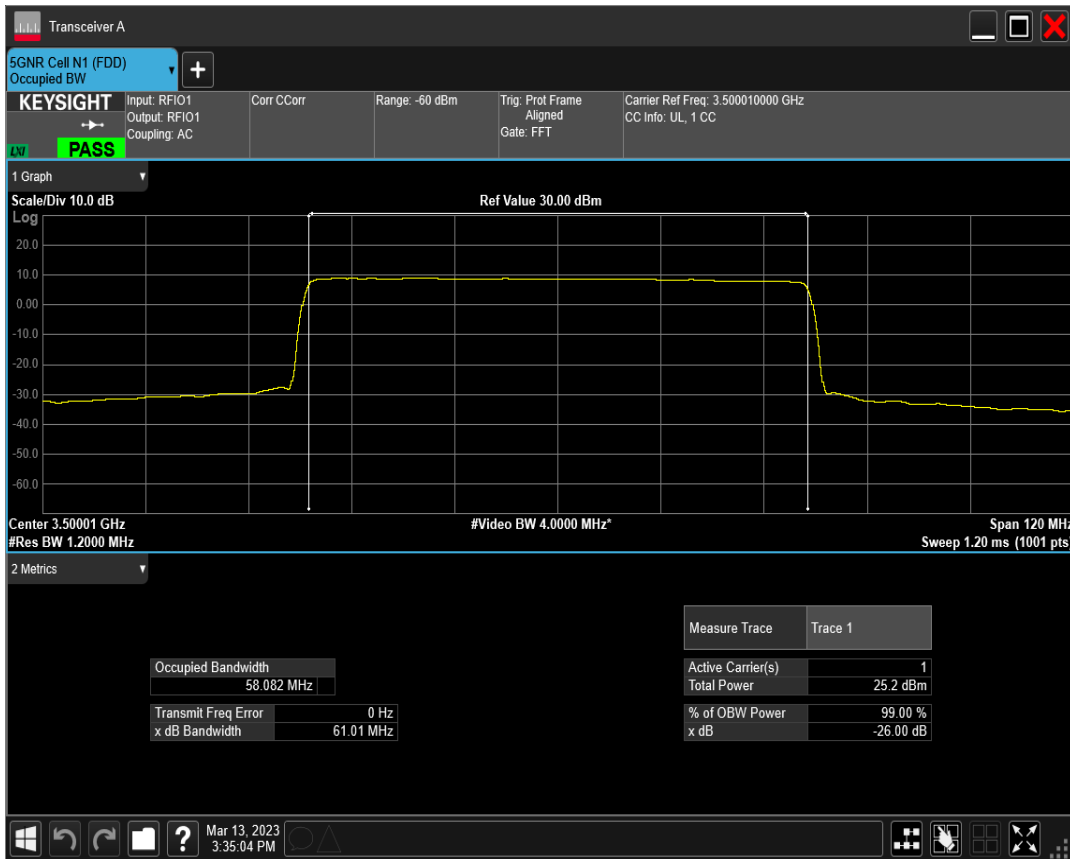
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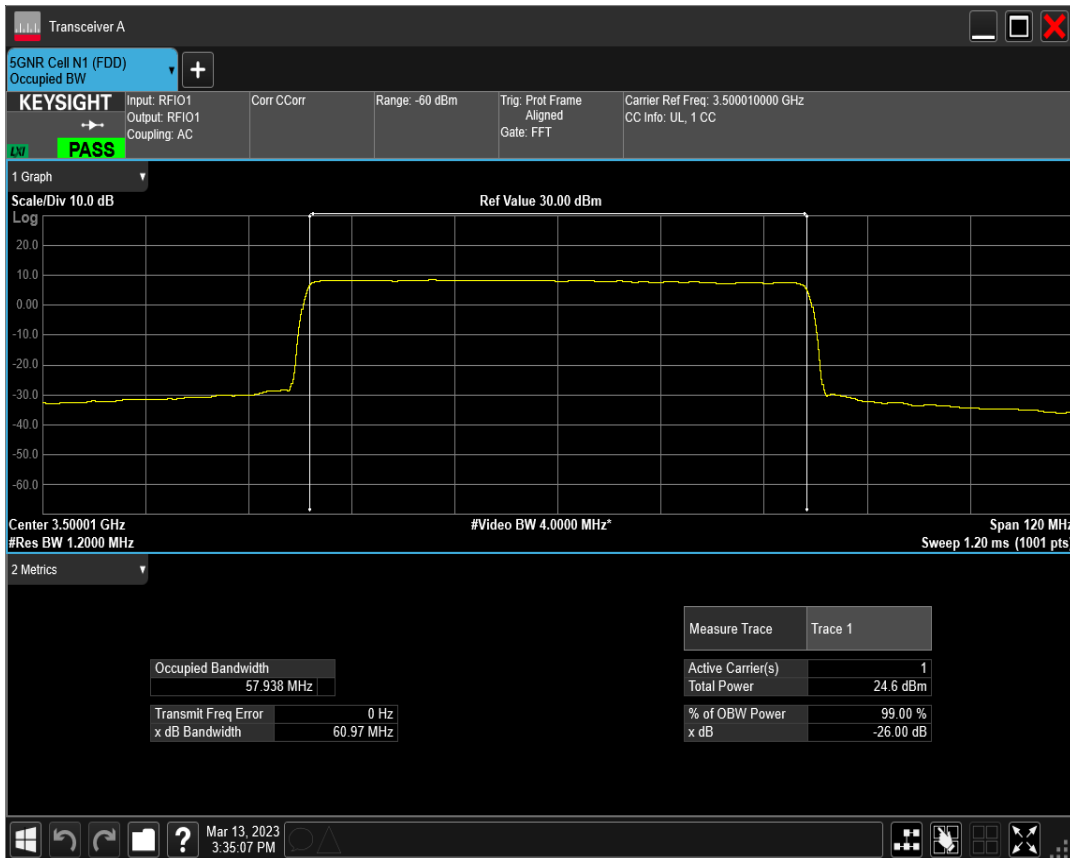
n77(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz Channel=633334 RB=162@0



n77(3450-3550) SCS=30kHz DFT_QAM16 BW=60MHz Channel=633334 RB=162@0



n77(3450-3550) SCS=30kHz DFT_QAM64 BW=60MHz Channel=633334 RB=162@0



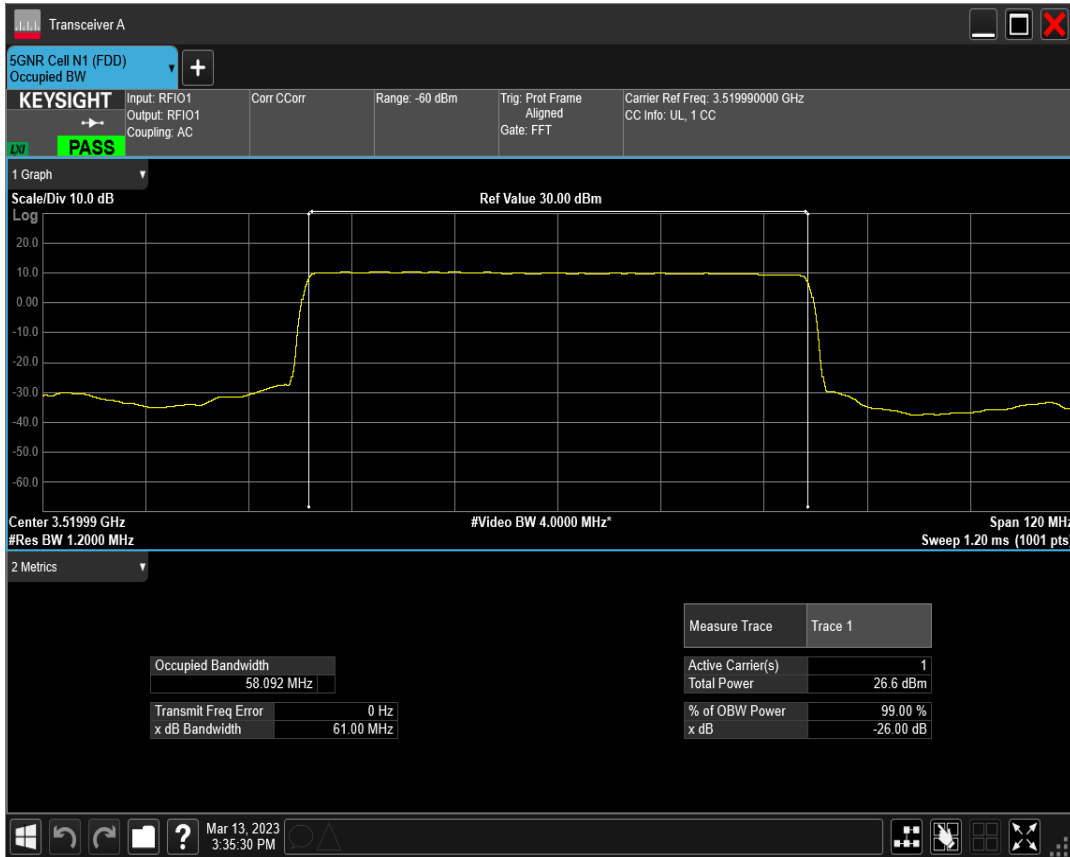
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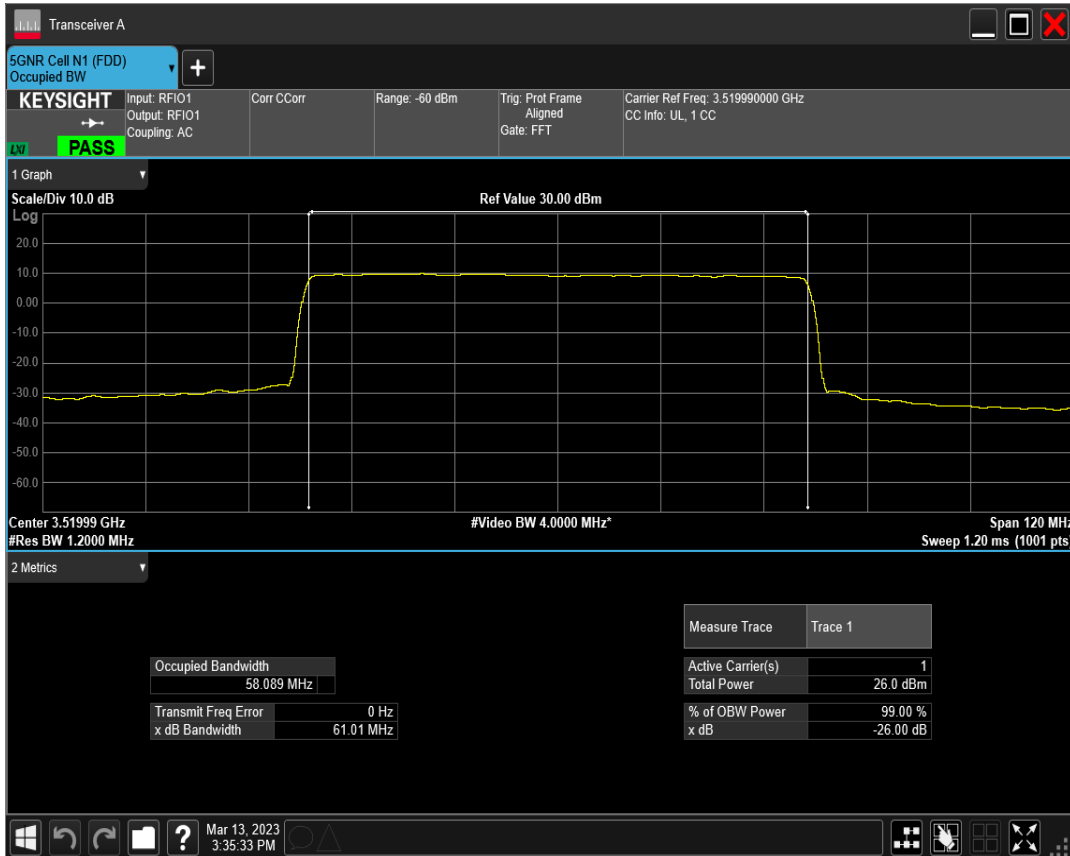
n77(3450-3550) SCS=30kHz CP_QPSK BW=60MHz Channel=633334 RB=162@0



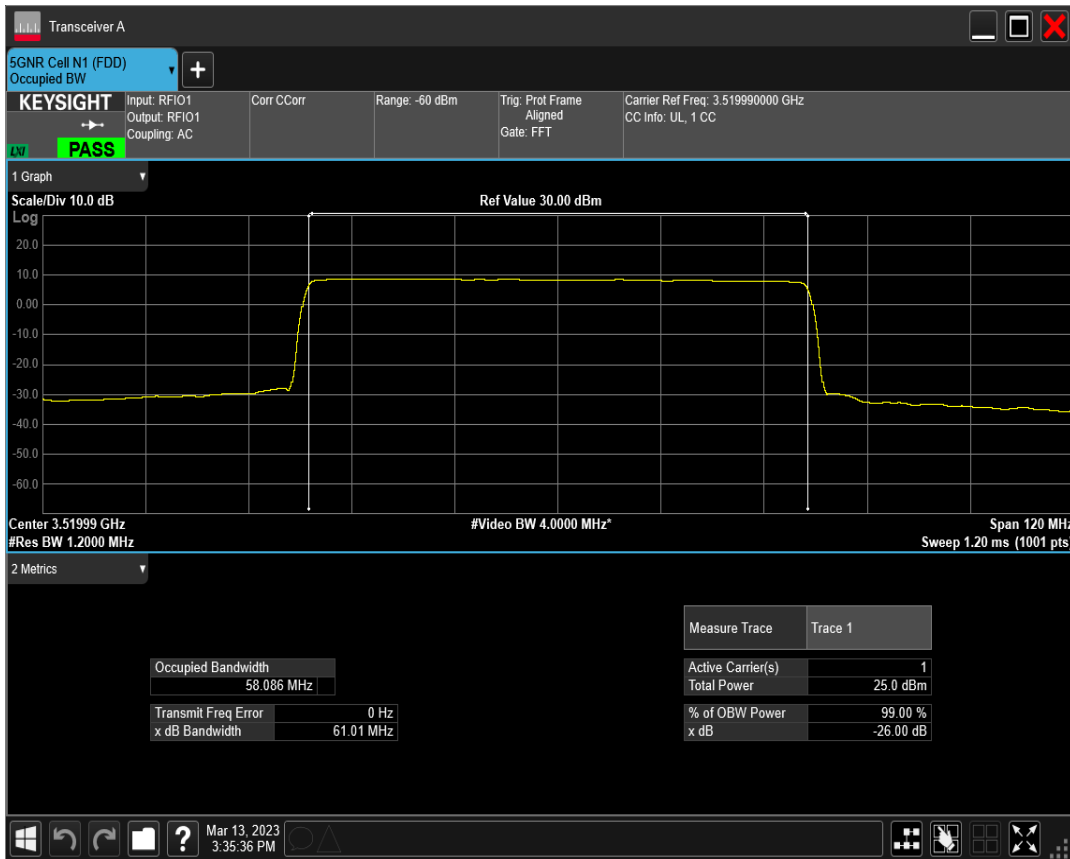
n77(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz Channel=634666 RB=162@0



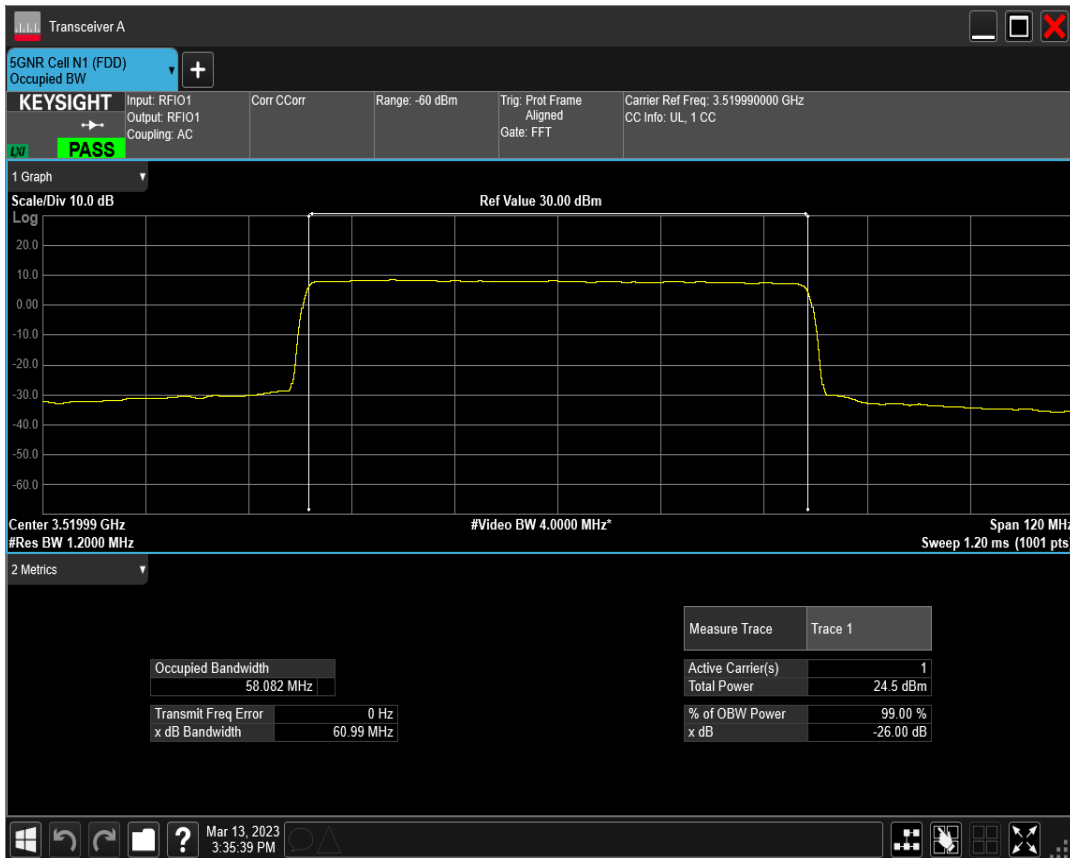
n77(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz Channel=634666 RB=162@0



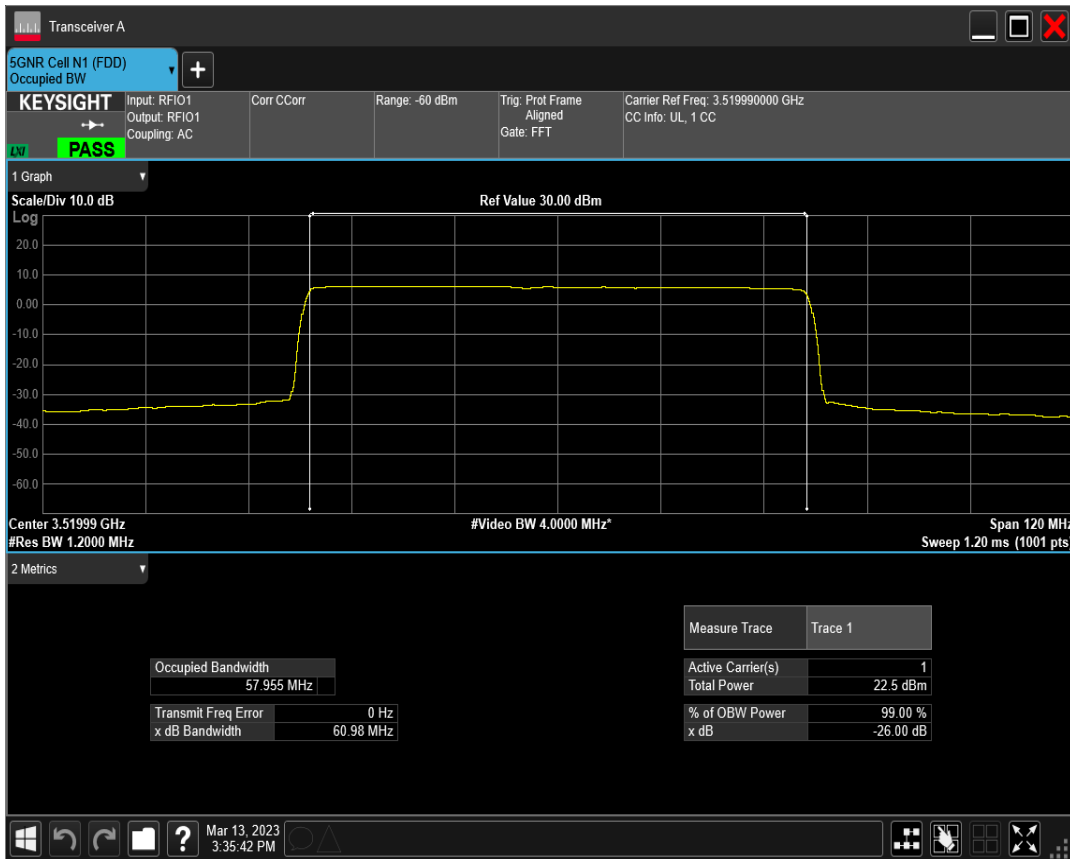
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n77(3450-3550) SCS=30kHz DFT_QAM64 BW=60MHz Channel=634666 RB=162@0



n77(3450-3550) SCS=30kHz DFT_QAM256 BW=60MHz Channel=634666 RB=162@0



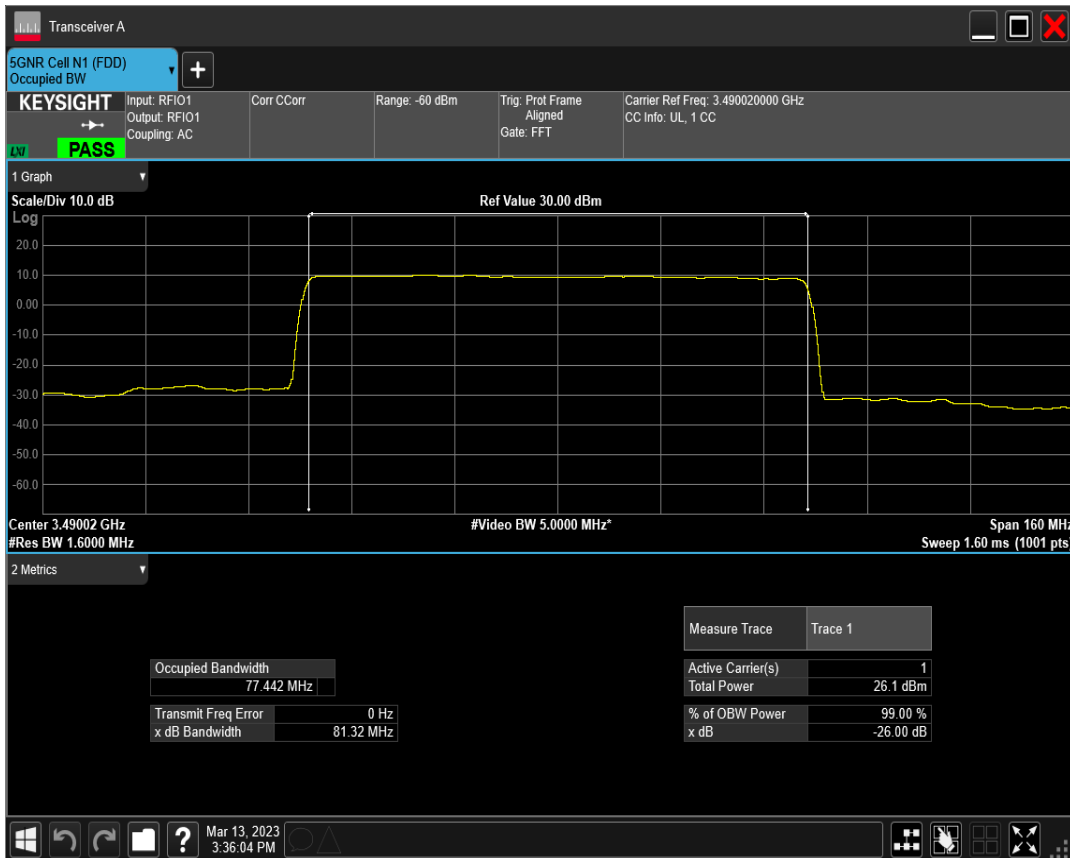
n77(3450-3550) SCS=30kHz CP_QPSK BW=60MHz Channel=634666 RB=162@0



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



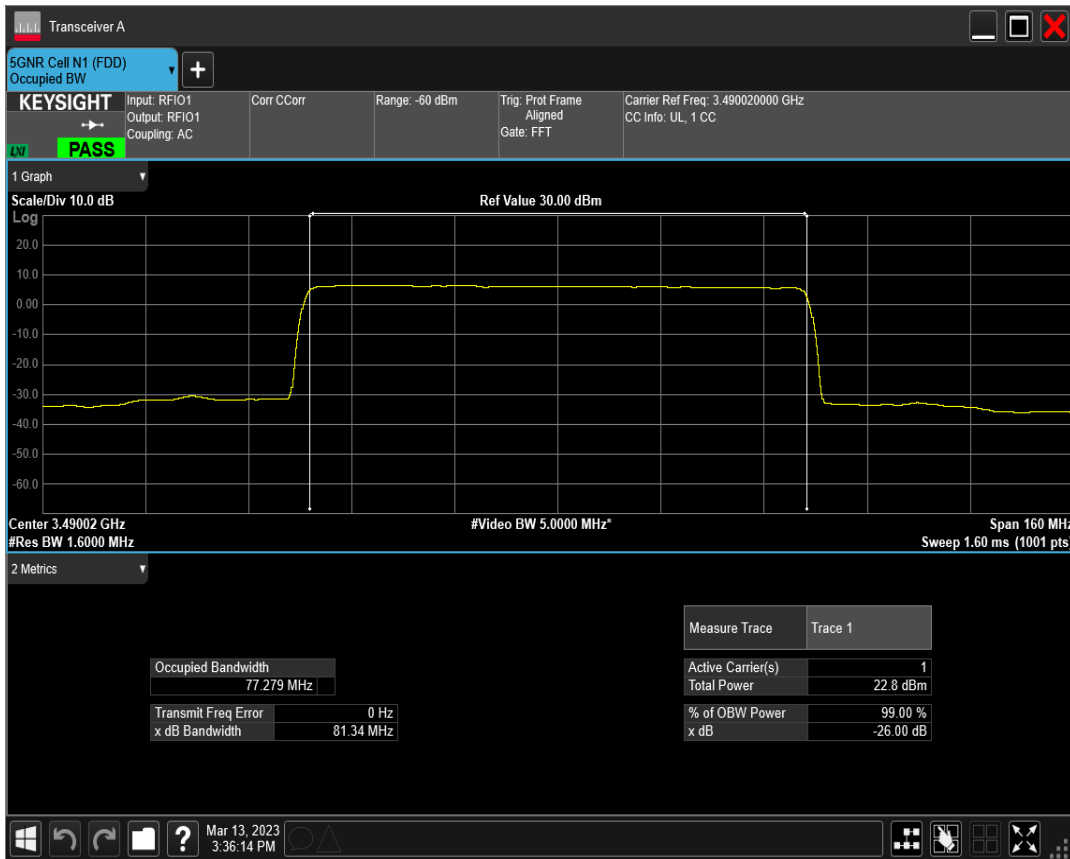
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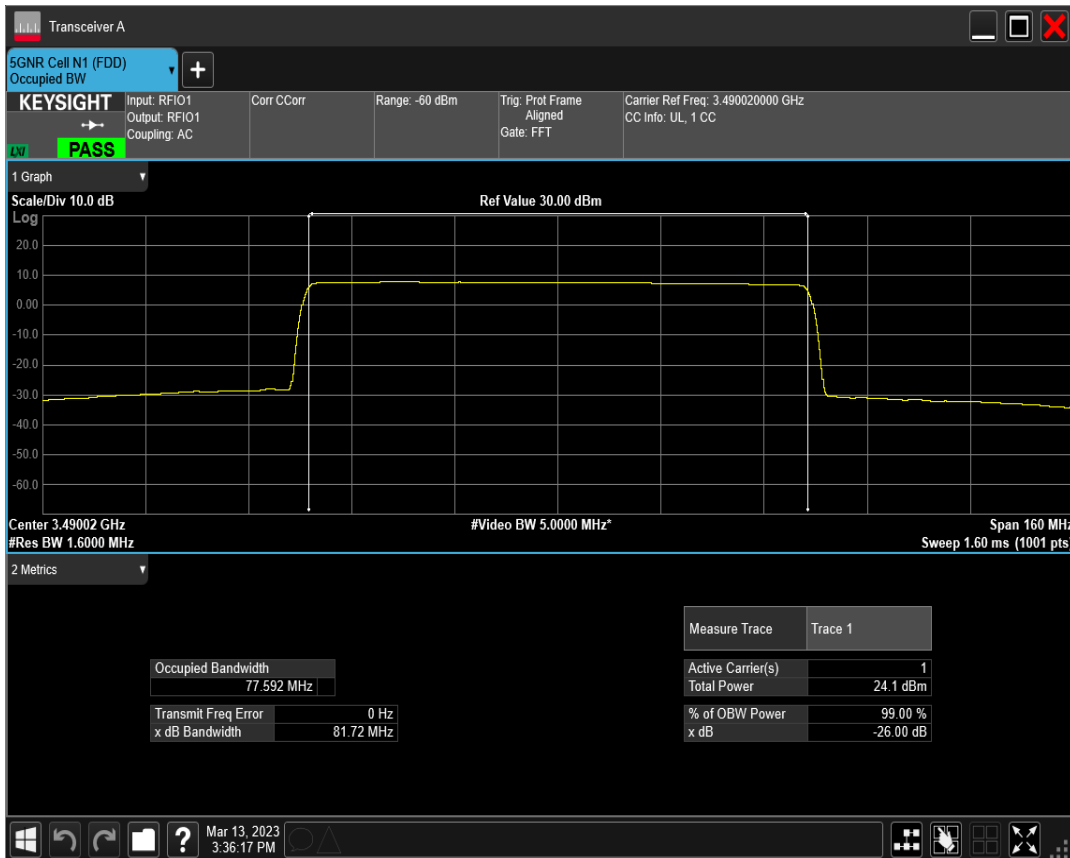
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=80MHz Channel=632668 RB=216@0



n77(3450-3550) SCS=30kHz DFT_QAM256 BW=80MHz Channel=632668 RB=216@0



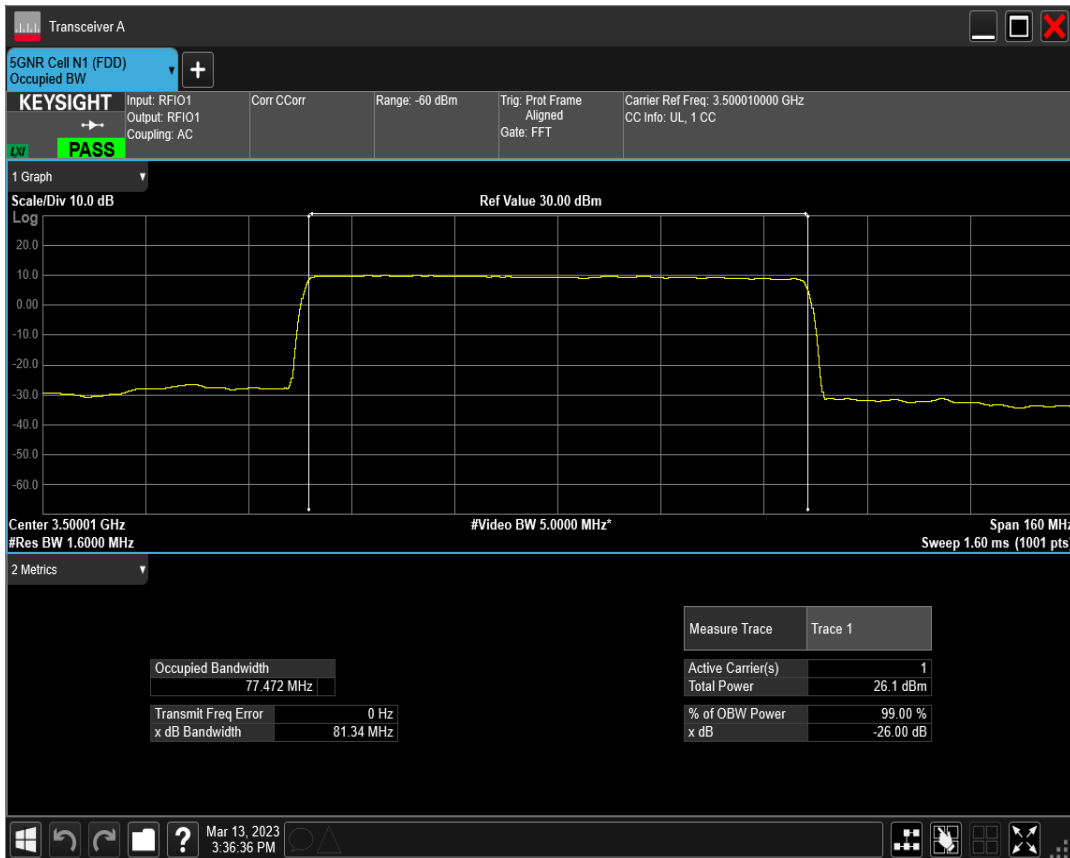
n77(3450-3550) SCS=30kHz CP_QPSK BW=80MHz Channel=632668 RB=217@0



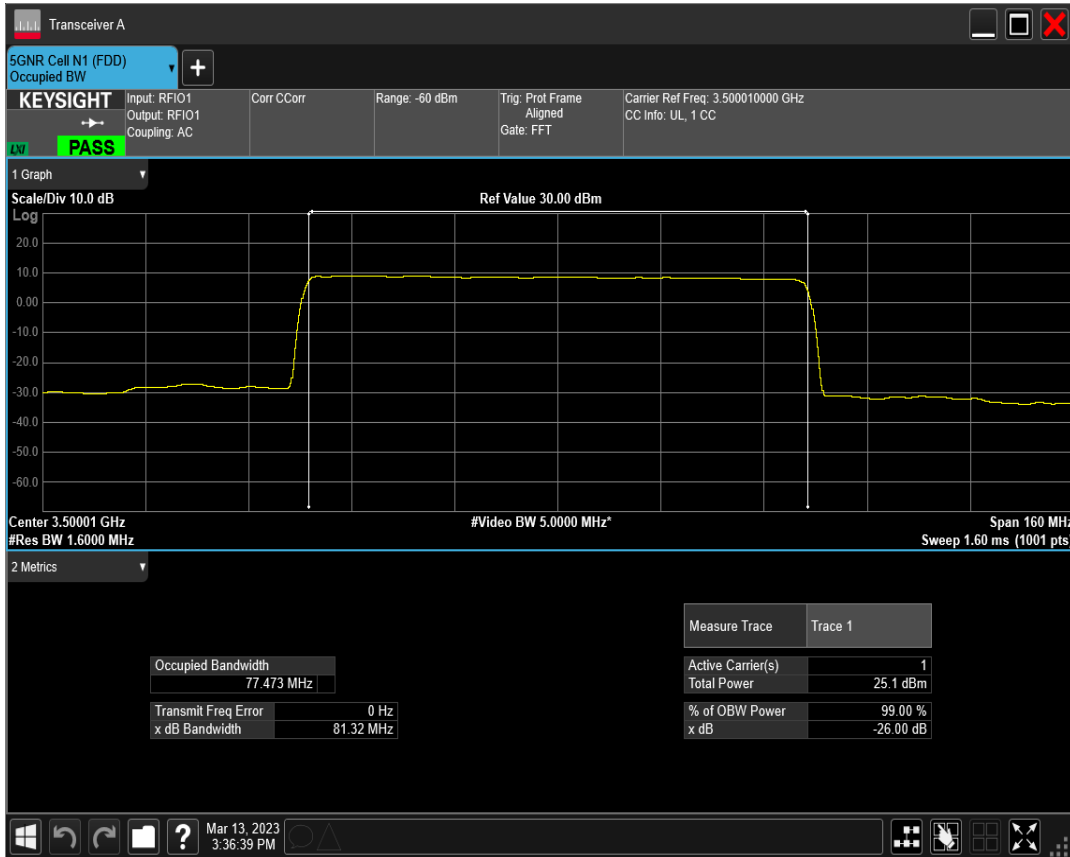
n77(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz Channel=633334 RB=216@0



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



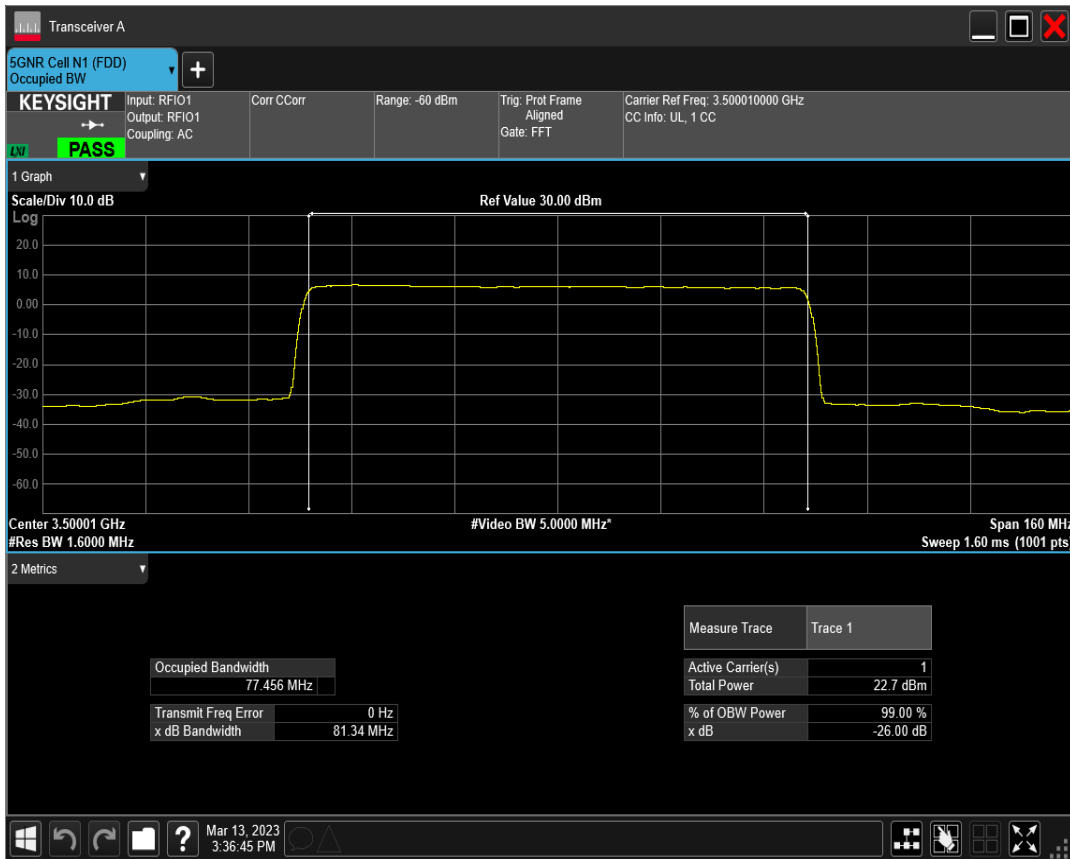
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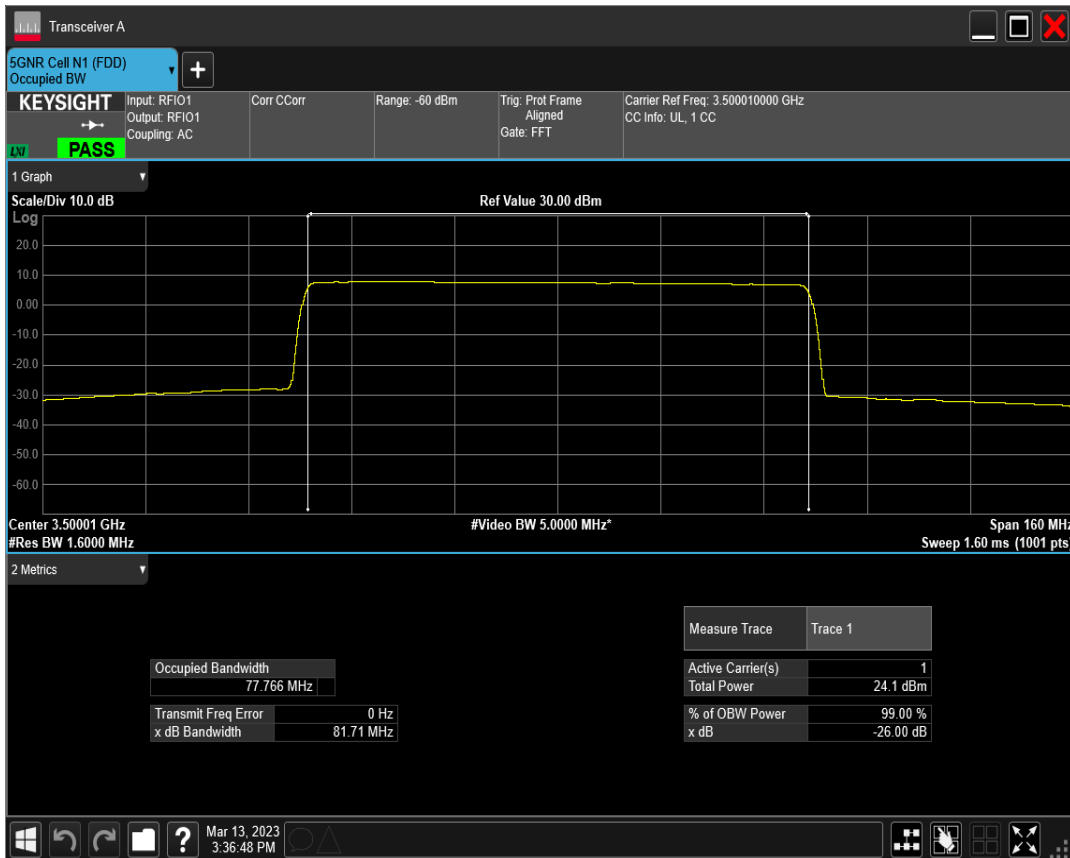
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=80MHz Channel=633334 RB=216@0



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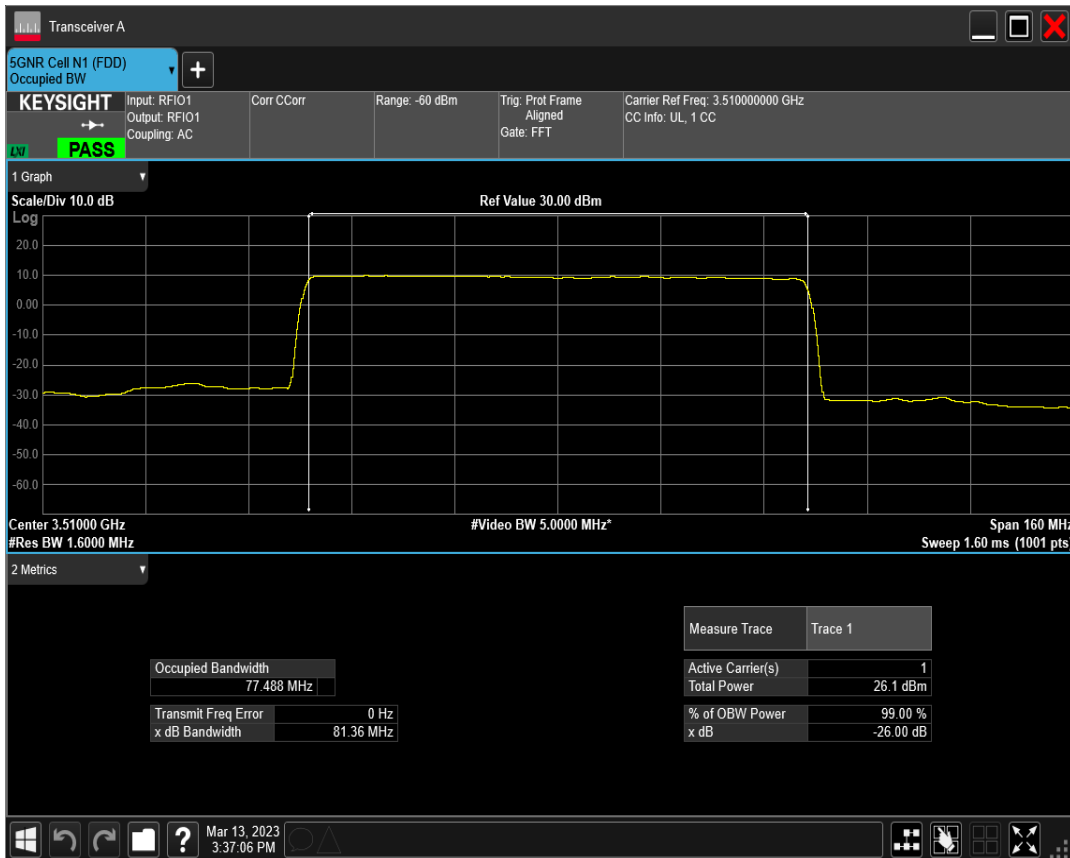
n77(3450-3550) SCS=30kHz CP_QPSK BW=80MHz Channel=633334 RB=217@0



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



n77(3450-3550) SCS=30kHz DFT_QAM16 BW=80MHz Channel=634000 RB=216@0



n77(3450-3550) SCS=30kHz DFT_QAM64 BW=80MHz Channel=634000 RB=216@0



n77(3450-3550) SCS=30kHz DFT_QAM256 BW=80MHz Channel=634000 RB=216@0



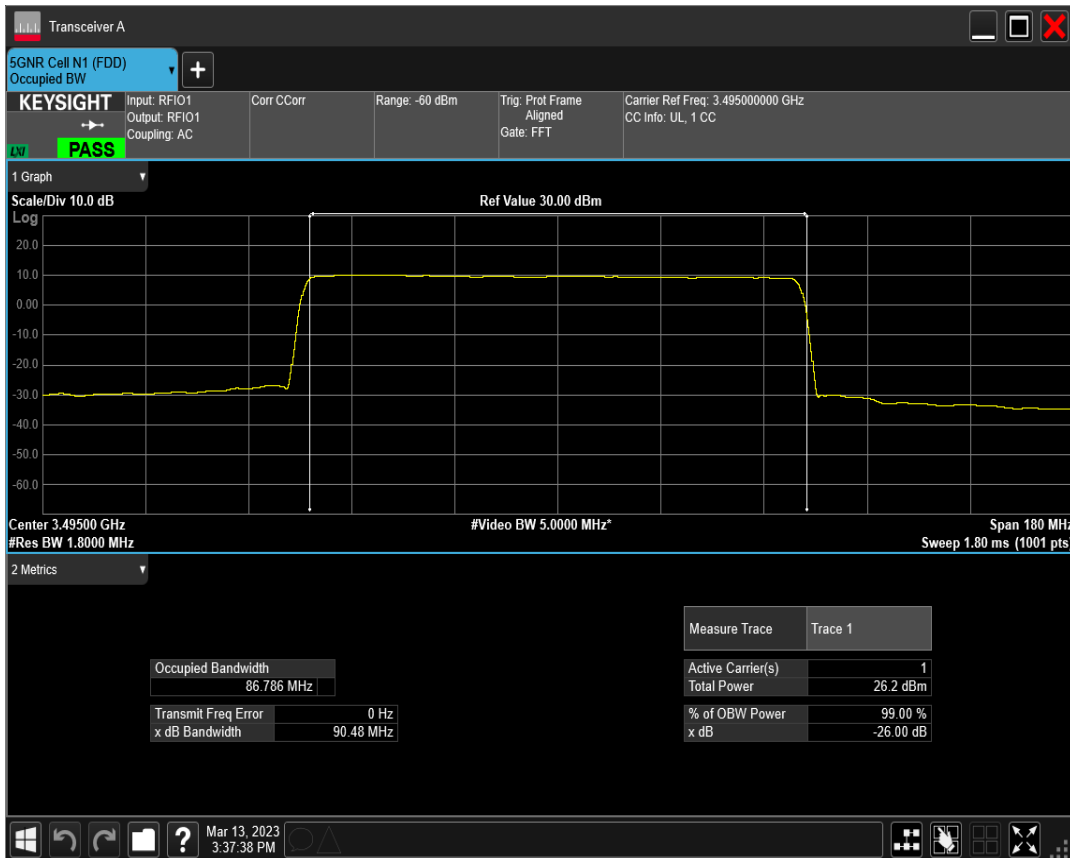
n77(3450-3550) SCS=30kHz CP_QPSK BW=80MHz Channel=634000 RB=217@0



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



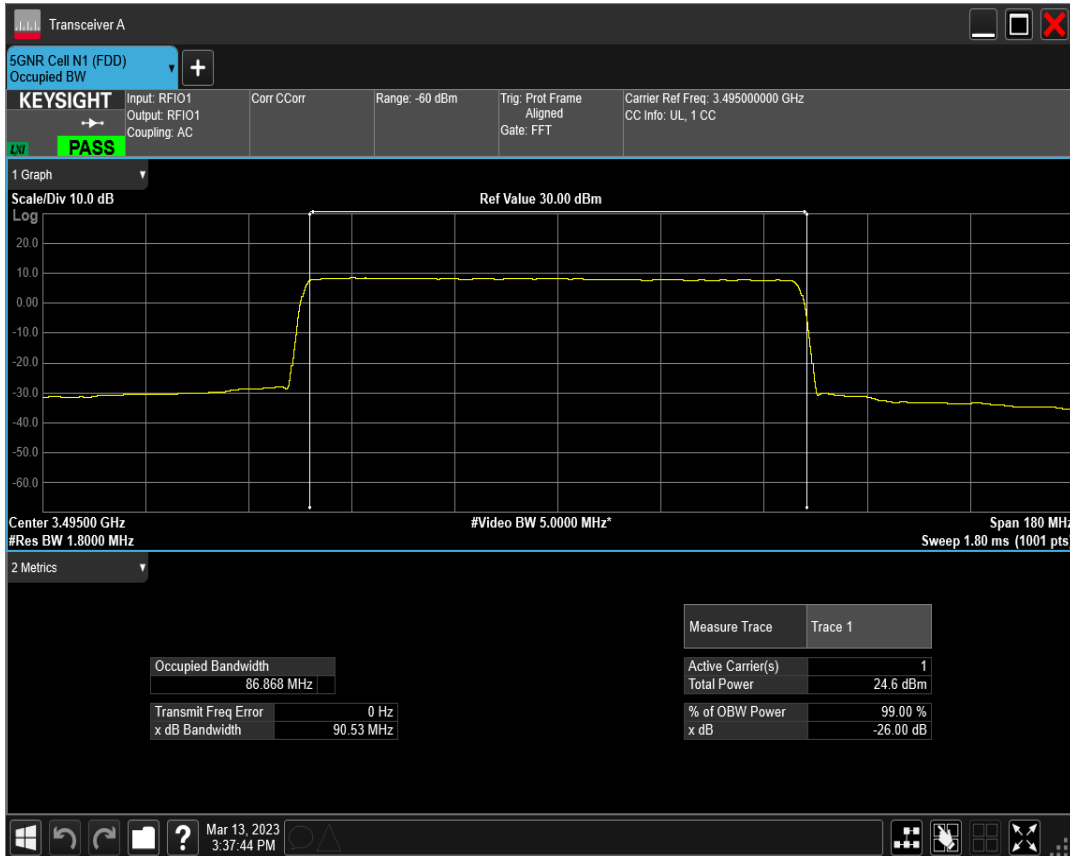
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n77(3450-3550) SCS=30kHz DFT_QAM16 BW=90MHz Channel=633000 RB=240@0



n77(3450-3550) SCS=30kHz DFT_QAM64 BW=90MHz Channel=633000 RB=240@0



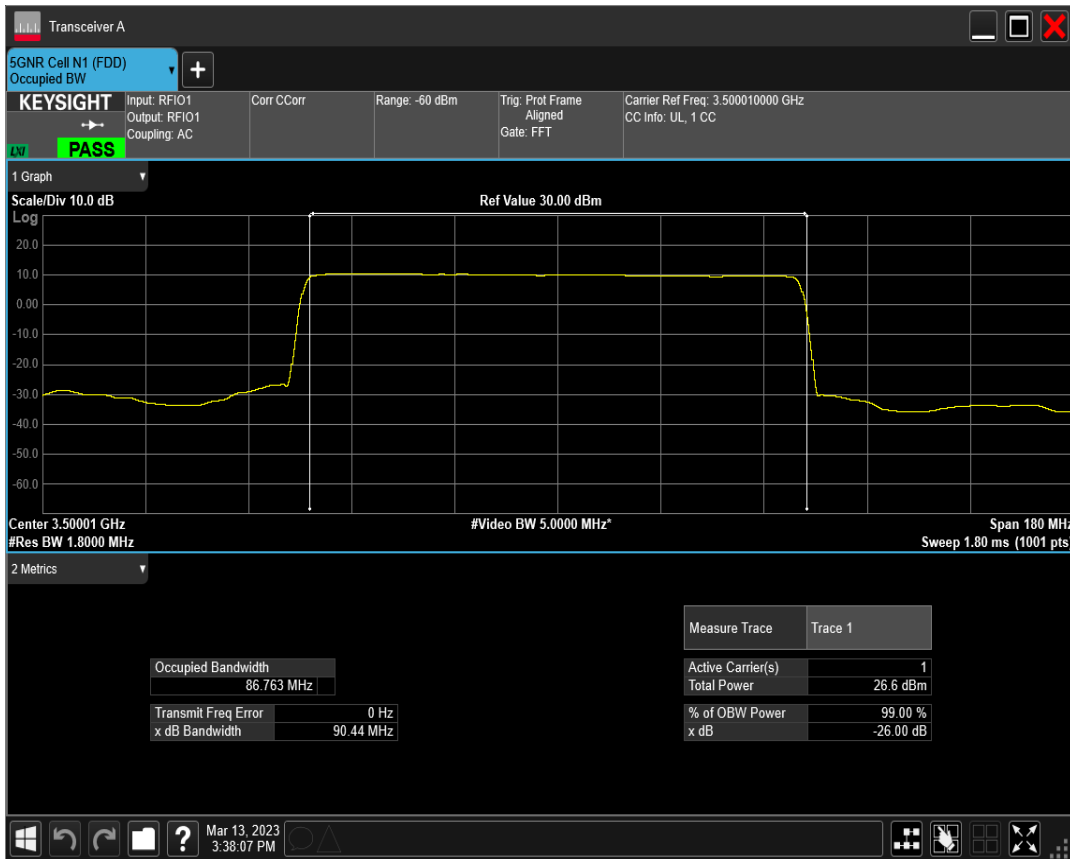
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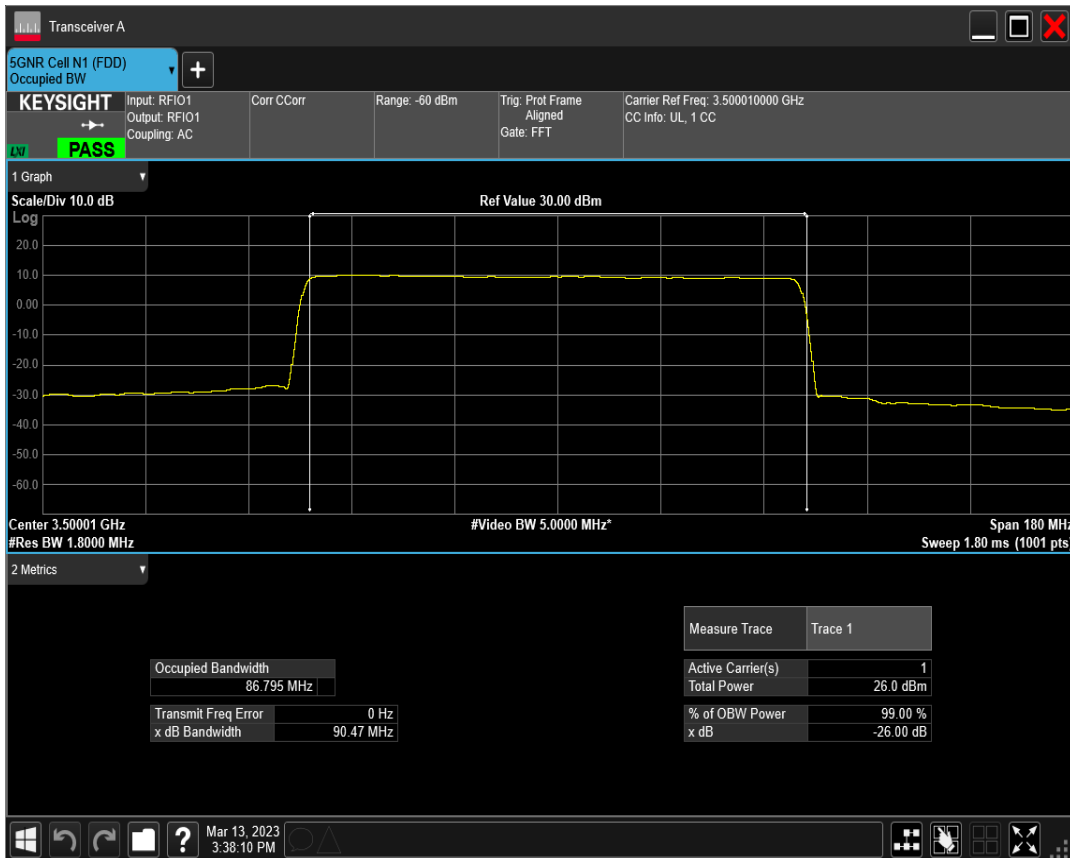
n77(3450-3550) SCS=30kHz CP_QPSK BW=90MHz Channel=633000 RB=245@0



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



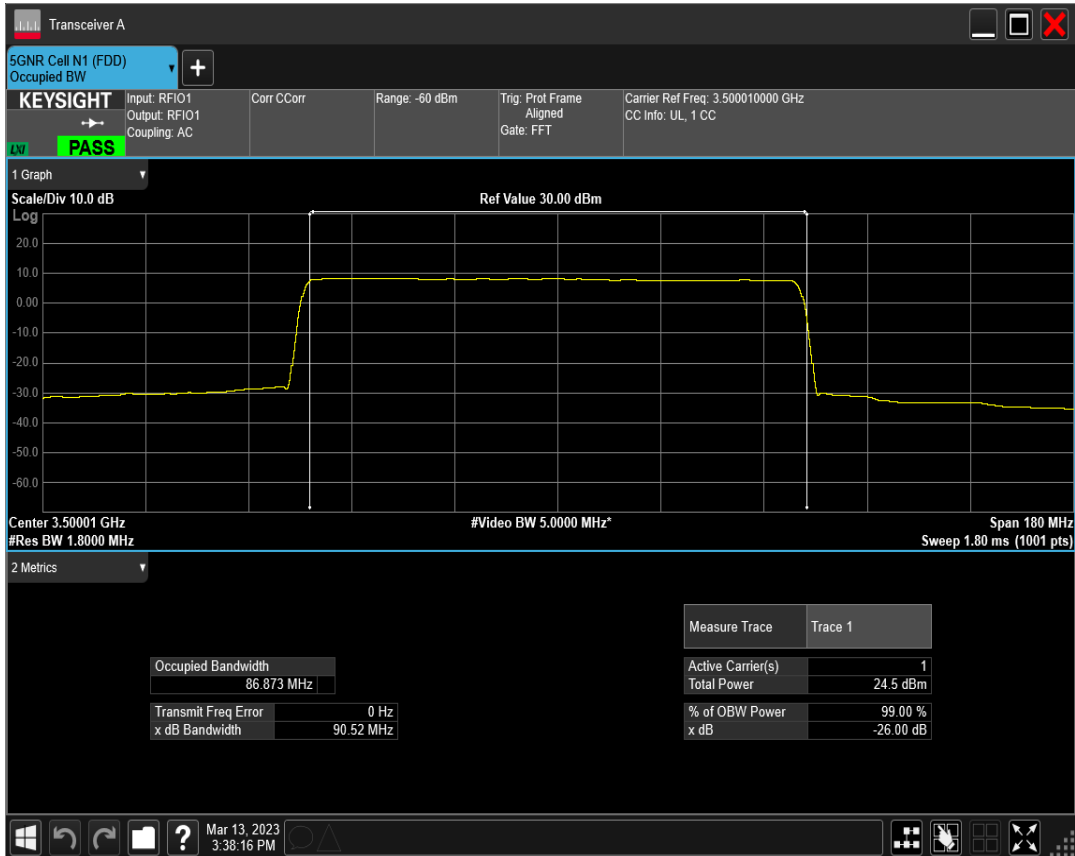
n77(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz Channel=633334 RB=240@0



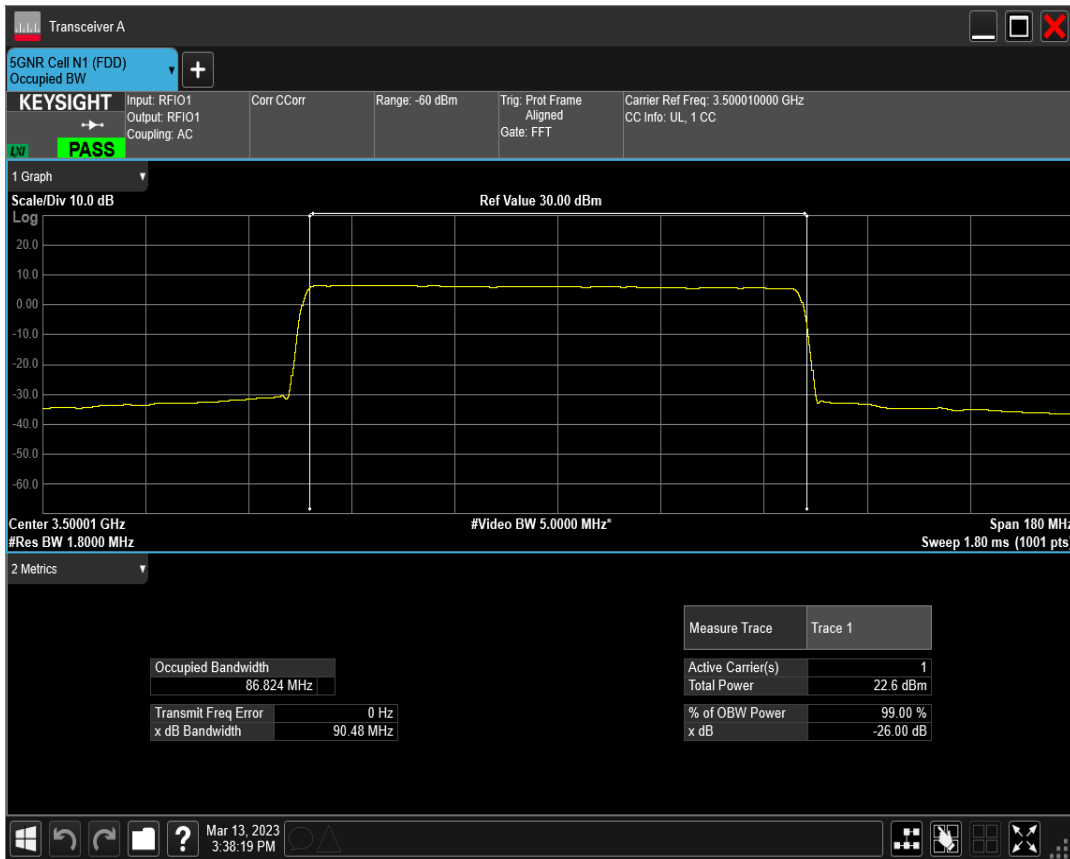
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=90MHz Channel=633334 RB=240@0



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



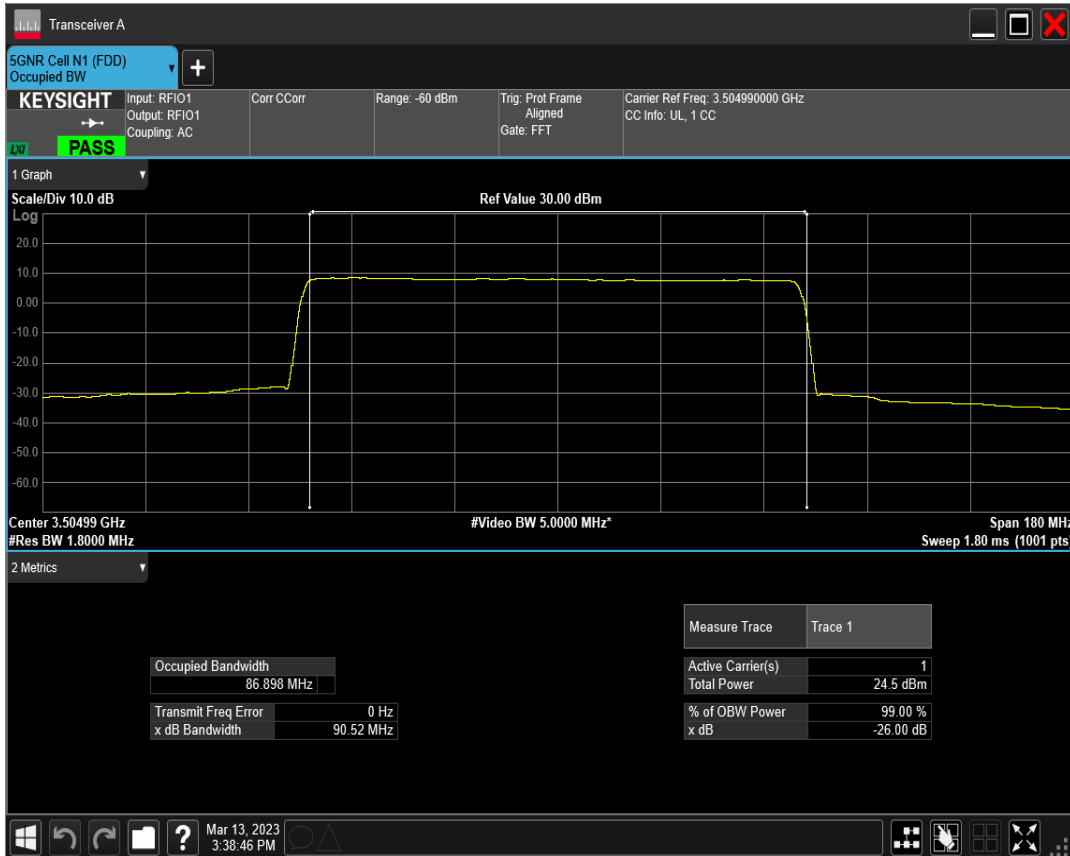
n77(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz Channel=633666 RB=240@0



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



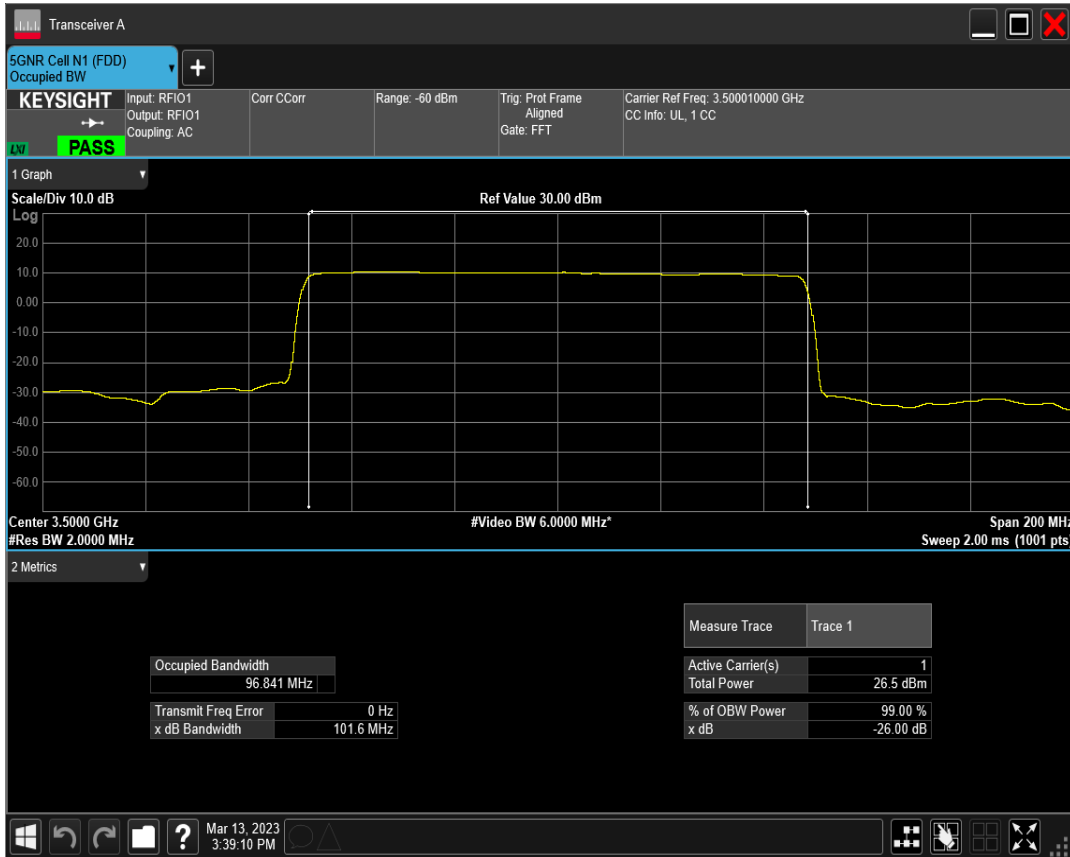
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=90MHz Channel=633666 RB=240@0



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



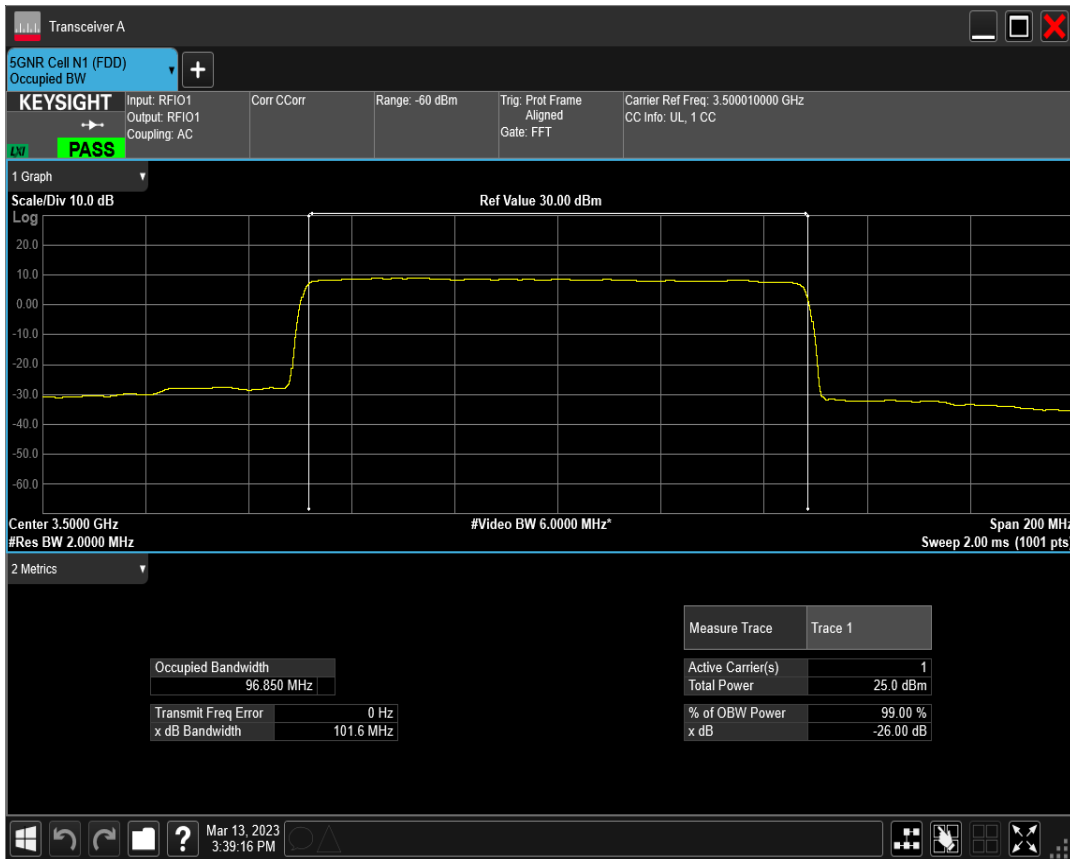
n77(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz Channel=633334 RB=270@0



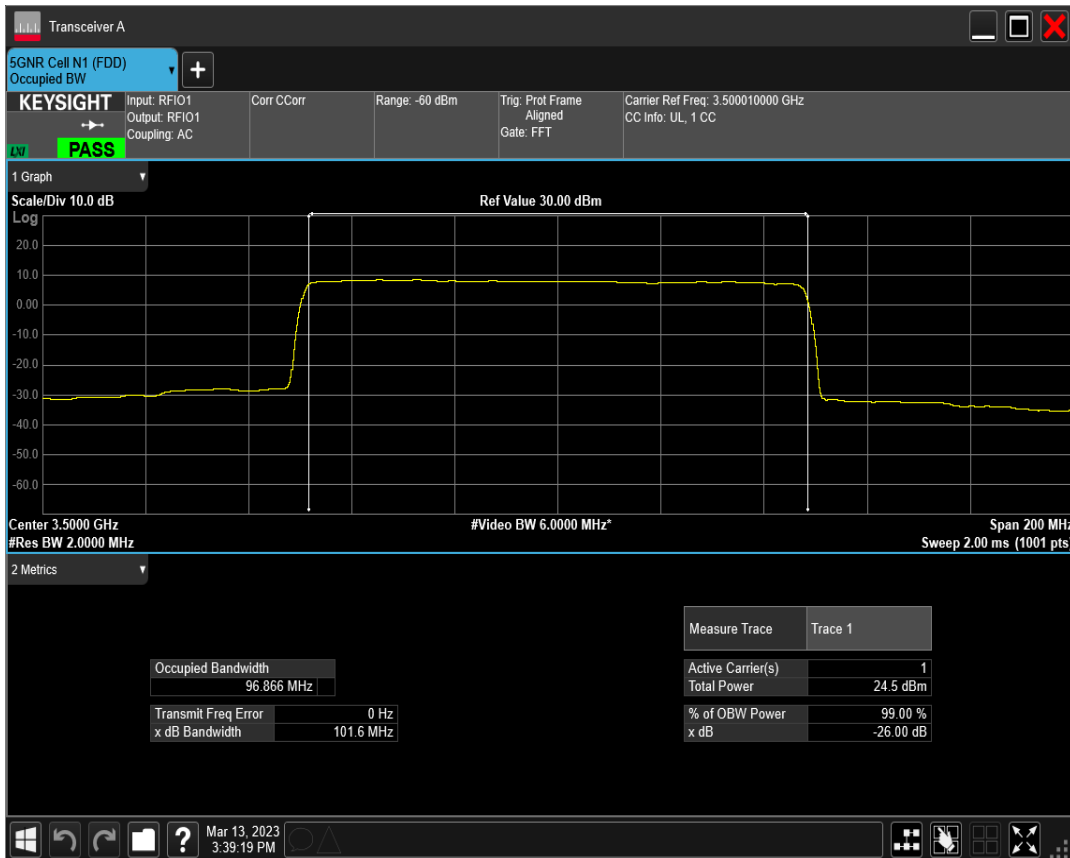
n77(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz Channel=633334 RB=270@0



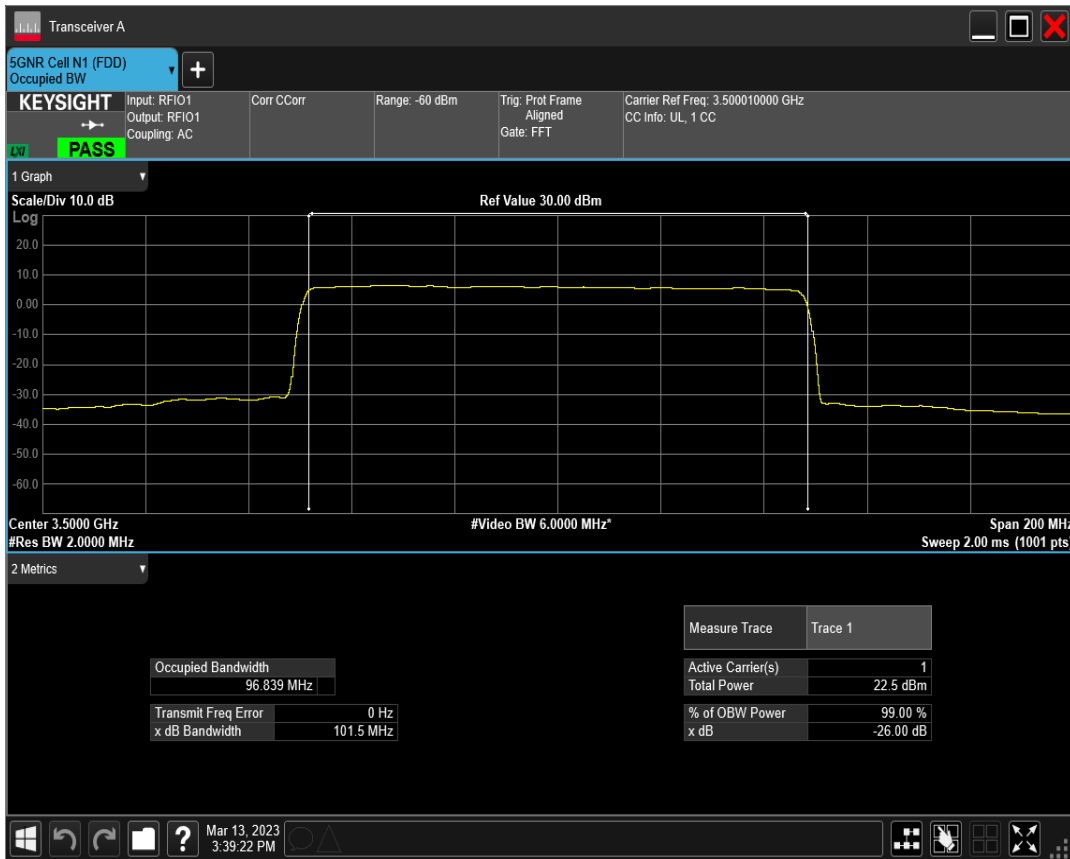
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=100MHz Channel=633334 RB=270@0



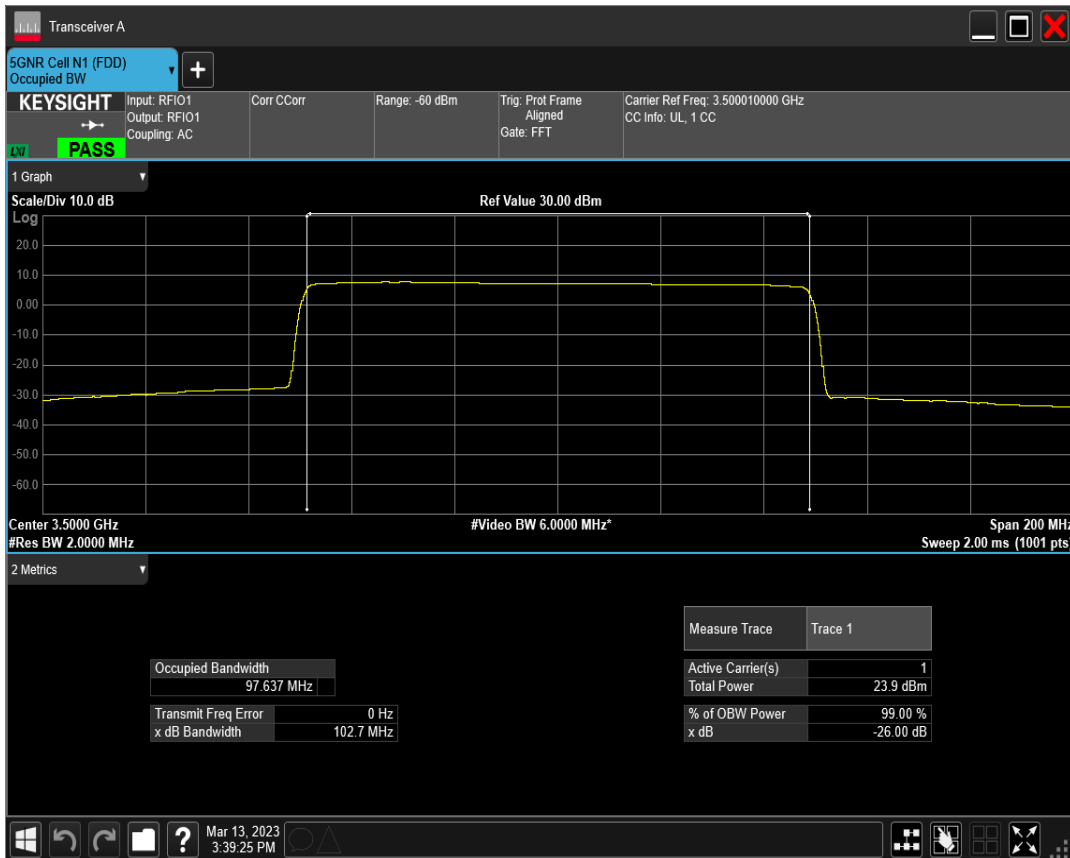
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=100MHz Channel=633334 RB=270@0



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



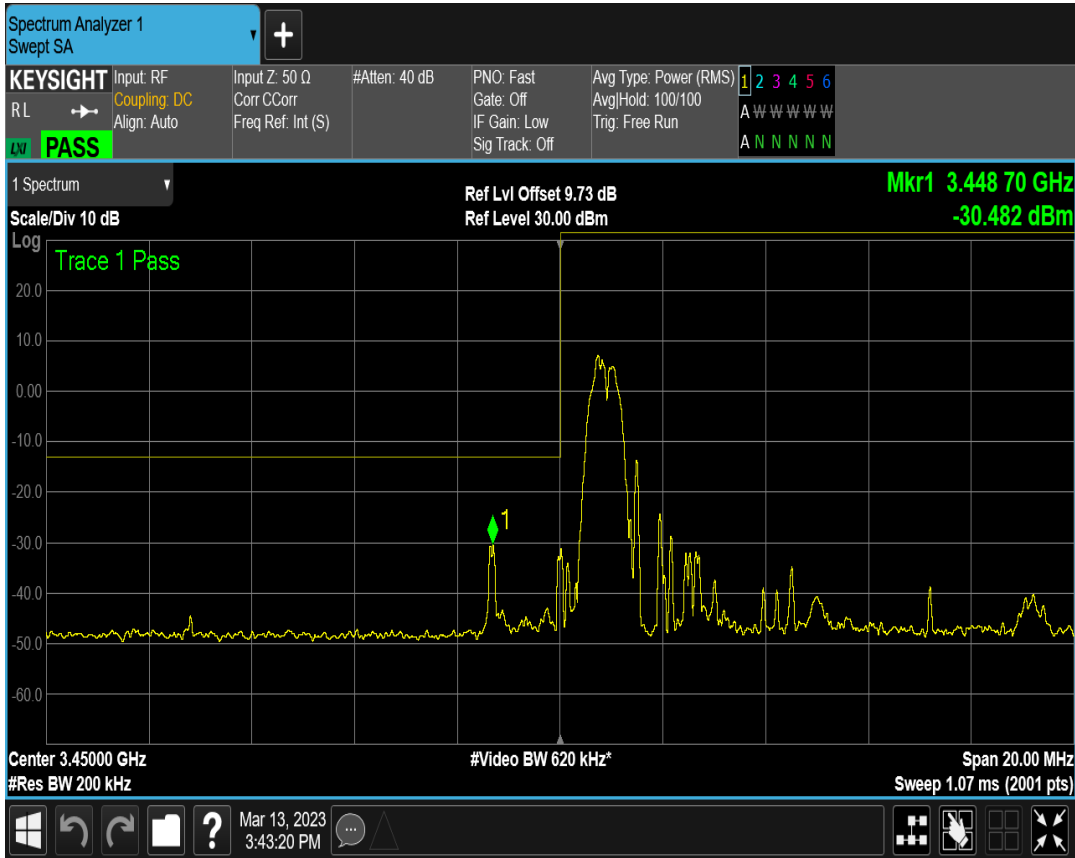
5 Band edge for NR FR1

| 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 | 3447.35 | -42.06 | -13 | PASS |
| n77(3450-3550) | 30 | 10 | 630334 | 1@0 | DFT_QPSK | 3448.70 | -30.48 | -13 | PASS |
| n77(3450-3550) | 30 | 10 | 636332 | 24@0 | DFT_QPSK | 3550.10 | -37.92 | -13 | PASS |
| n77(3450-3550) | 30 | 10 | 636332 | 1@23 | DFT_QPSK | 3550.50 | -25.81 | -13 | PASS |
| n77(3450-3550) | 30 | 100 | 633334 | 270@0 | DFT_QPSK | 3450.00 | -26.80 | -13 | PASS |
| n77(3450-3550) | 30 | 100 | 633334 | 1@0 | DFT_QPSK | 3449.90 | -32.69 | -13 | PASS |

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



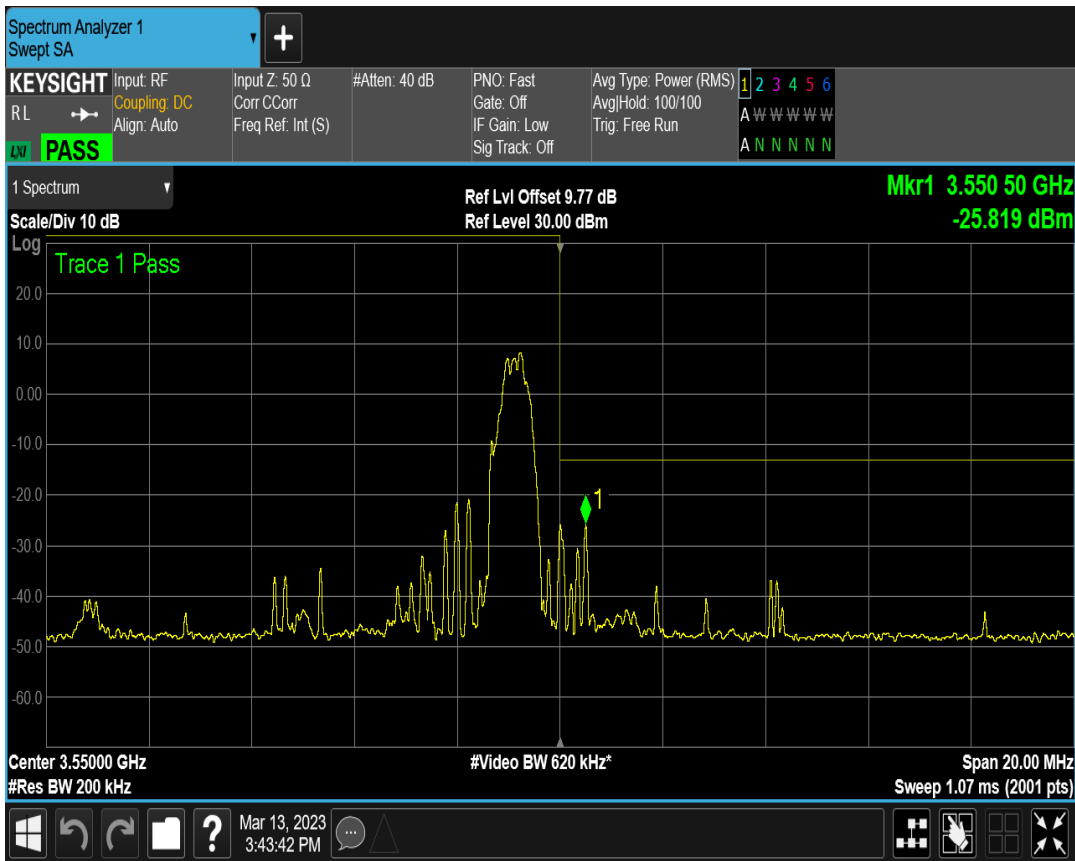
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=630334 RB=1@0



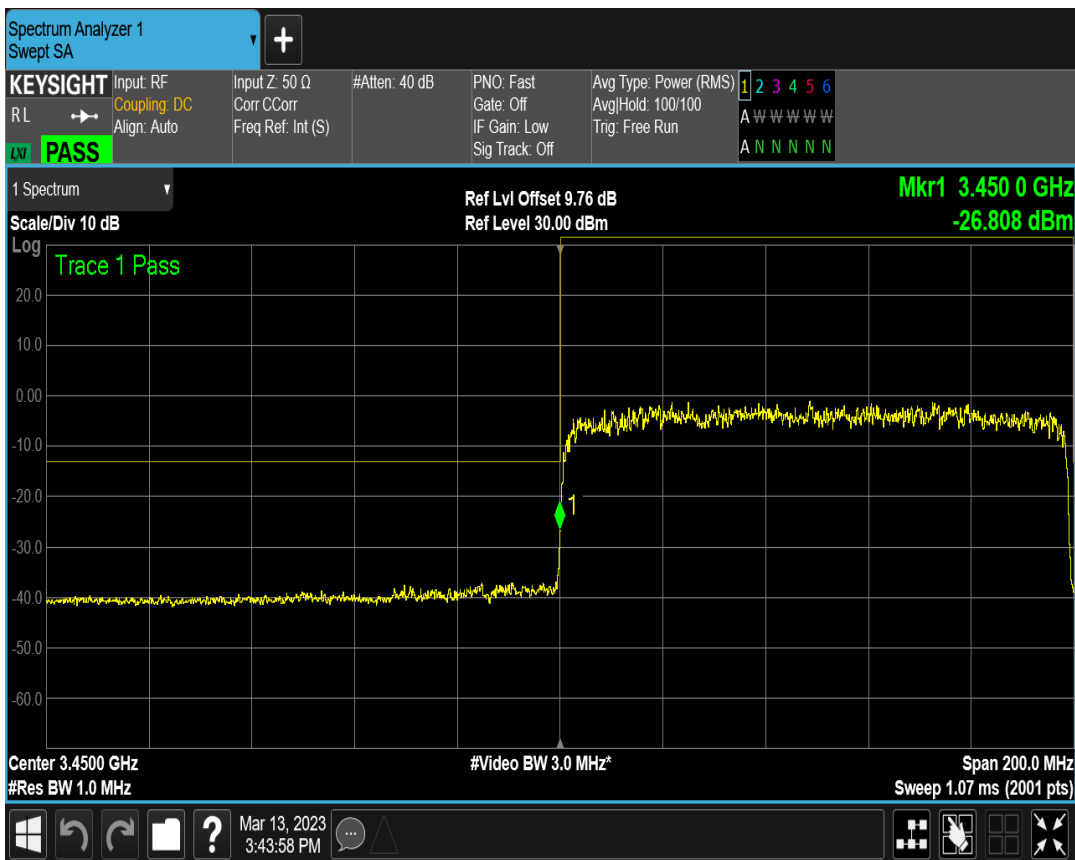
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=636332 RB=24@0



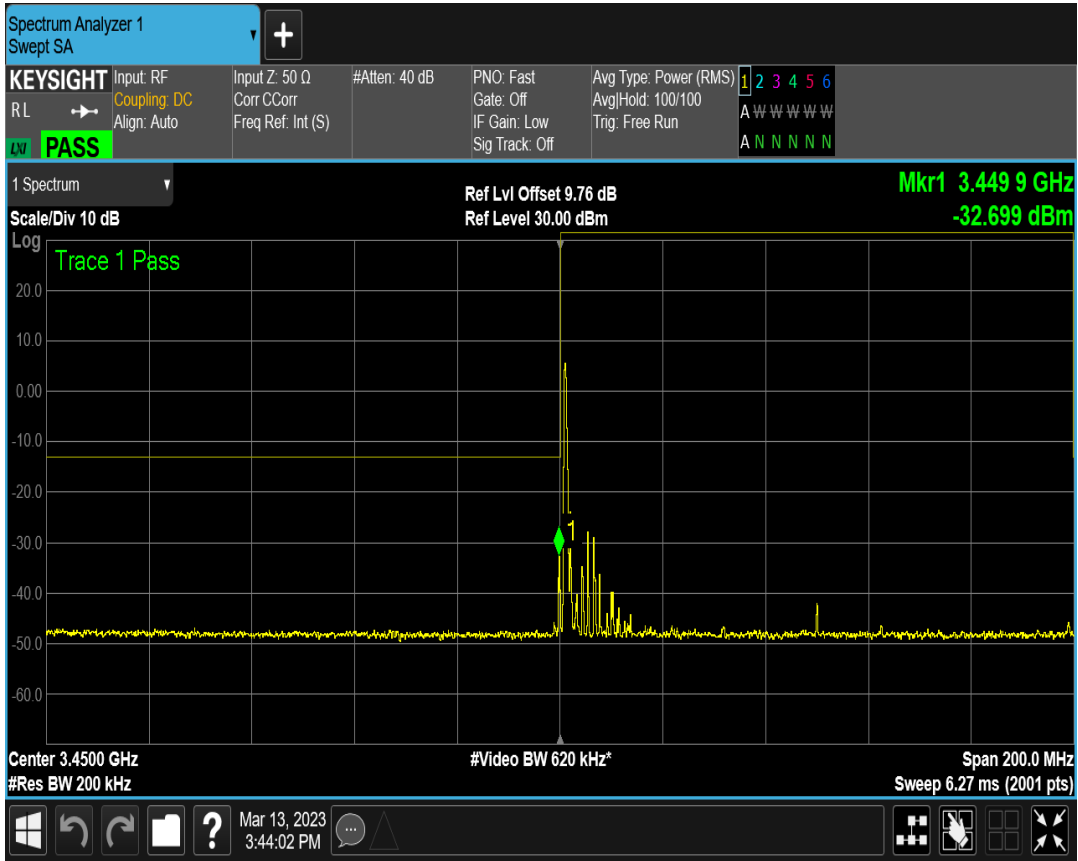
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=636332 RB=1@23



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



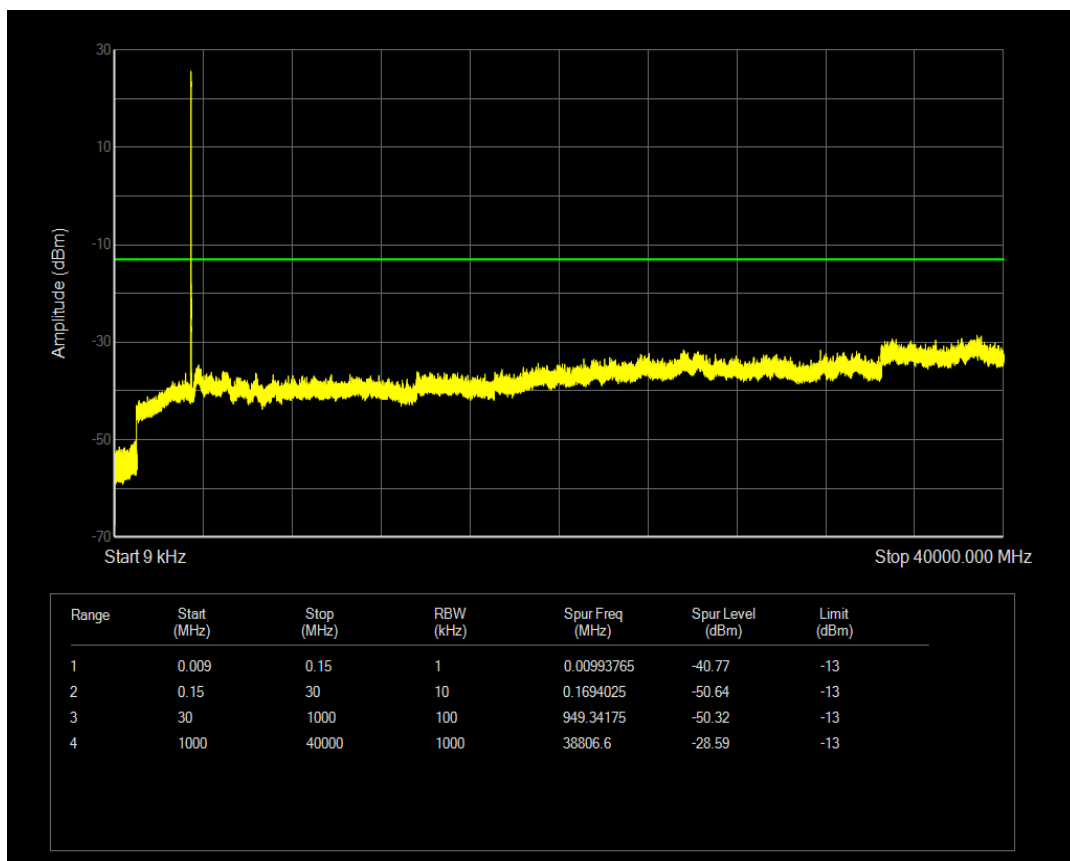
n77(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz Channel=633334 RB=1@0



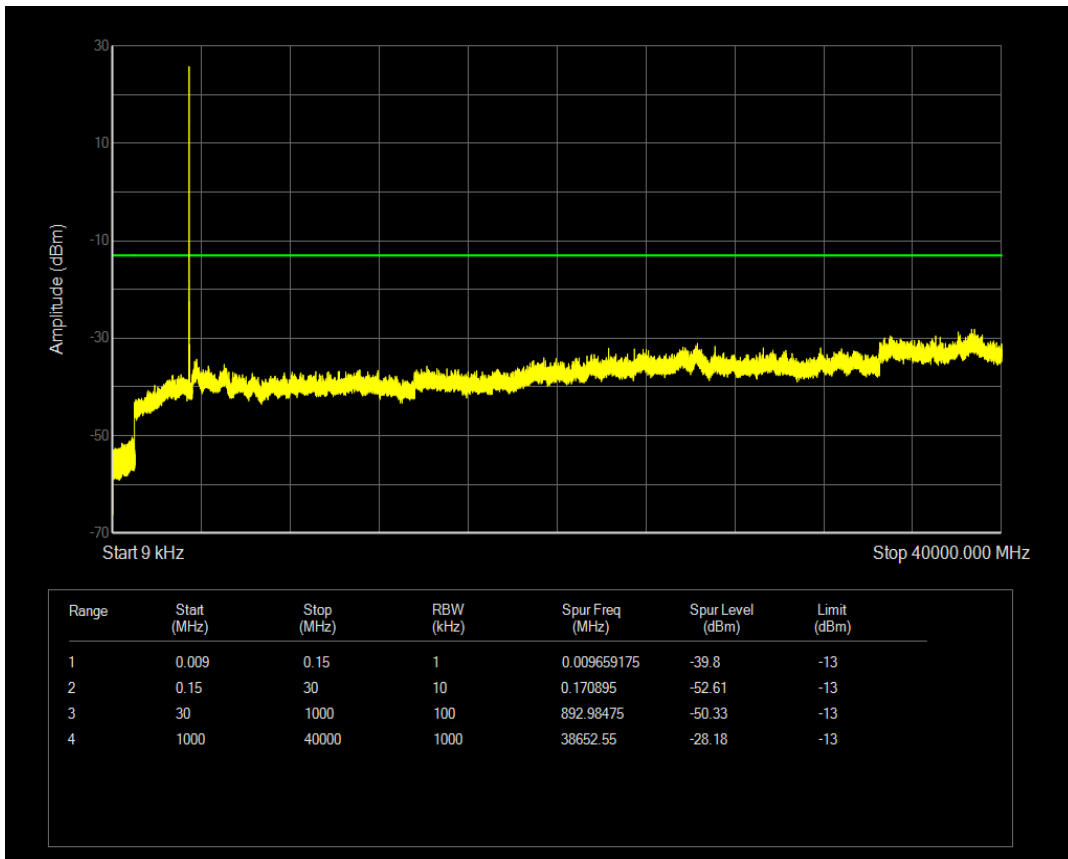
6 Out-of-band emissions for NR FR1

| 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 | 38806.60 | -28.59 | -13 | PASS |
| n77(3450-3550) | 30 | 10 | 630334 | 1@0 | DFT_QPSK | 38705.20 | -27.85 | -13 | PASS |
| n77(3450-3550) | 30 | 10 | 630334 | 1@23 | DFT_QPSK | 38652.55 | -28.18 | -13 | PASS |
| n77(3450-3550) | 30 | 10 | 633334 | 24@0 | DFT_QPSK | 38183.58 | -28.79 | -13 | PASS |
| n77(3450-3550) | 30 | 10 | 633334 | 1@0 | DFT_QPSK | 38492.65 | -28.88 | -13 | PASS |
| n77(3450-3550) | 30 | 10 | 633334 | 1@23 | DFT_QPSK | 38771.50 | -28.45 | -13 | PASS |
| n77(3450-3550) | 30 | 10 | 636332 | 24@0 | DFT_QPSK | 38897.28 | -28.44 | -13 | PASS |
| n77(3450-3550) | 30 | 10 | 636332 | 1@0 | DFT_QPSK | 38869.00 | -27.93 | -13 | PASS |
| n77(3450-3550) | 30 | 10 | 636332 | 1@23 | DFT_QPSK | 38872.90 | -28.96 | -13 | PASS |
| n77(3450-3550) | 30 | 100 | 633334 | 270@0 | DFT_QPSK | 38739.33 | -27.88 | -13 | PASS |
| n77(3450-3550) | 30 | 100 | 633334 | 1@0 | DFT_QPSK | 38629.15 | -28.64 | -13 | PASS |
| n77(3450-3550) | 30 | 100 | 633334 | 1@272 | DFT_QPSK | 38506.30 | -28.46 | -13 | PASS |

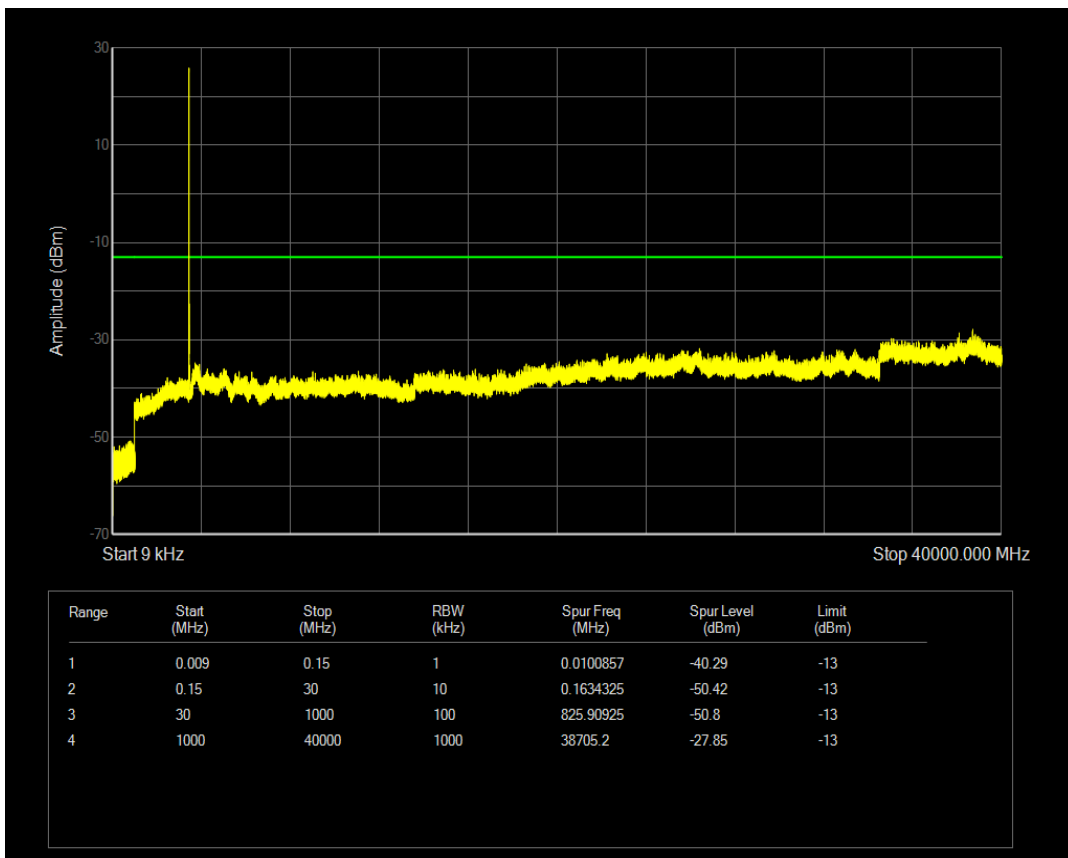
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=630334 RB=24@0



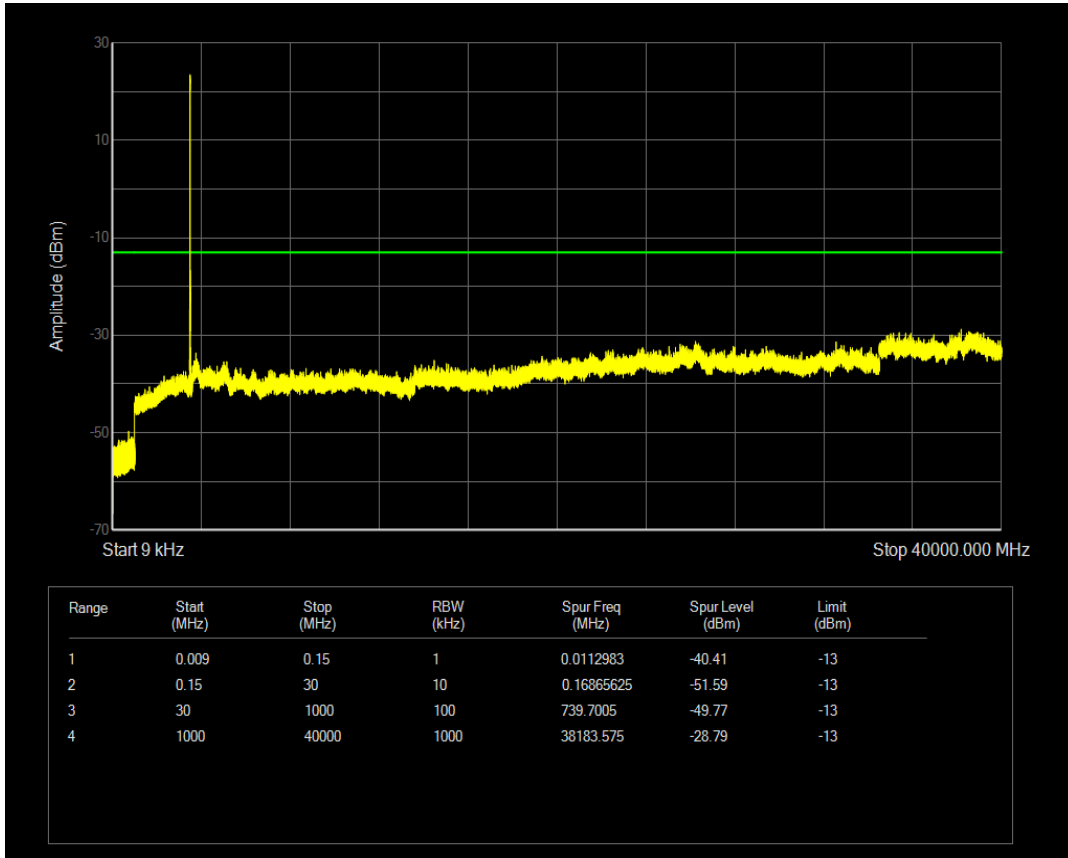
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=630334 RB=1@23



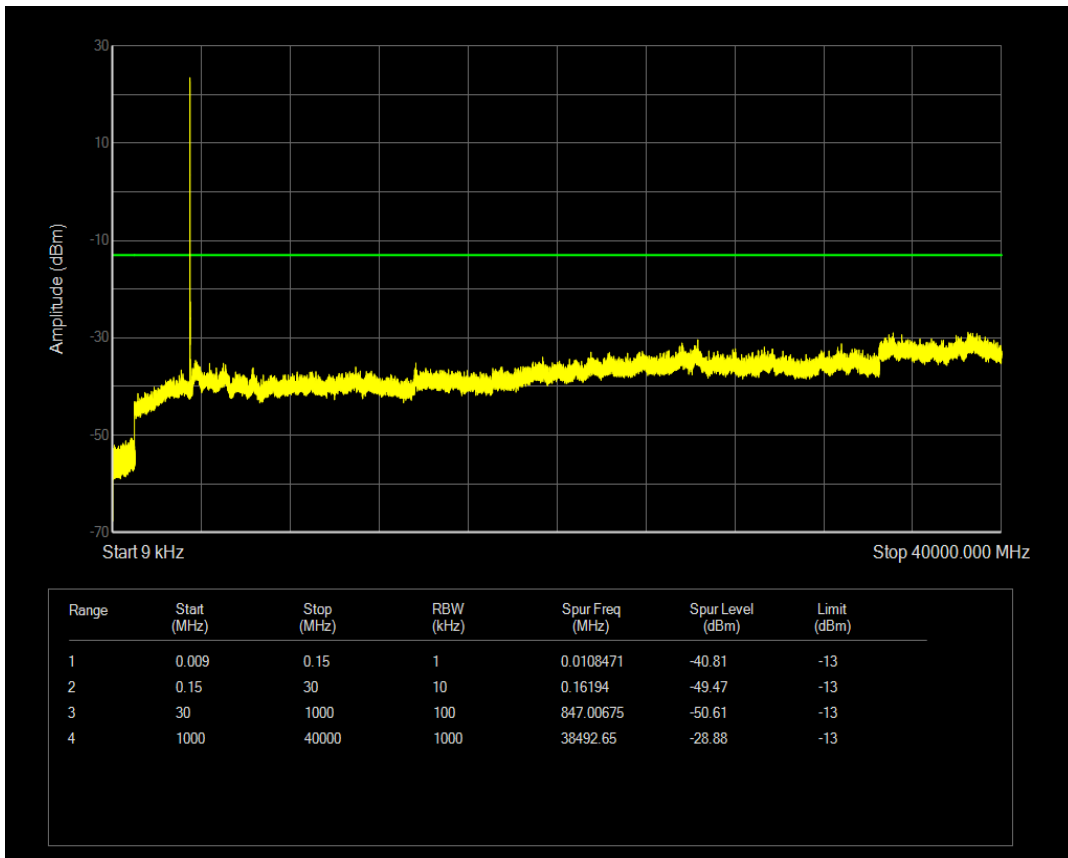
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=630334 RB=1@0



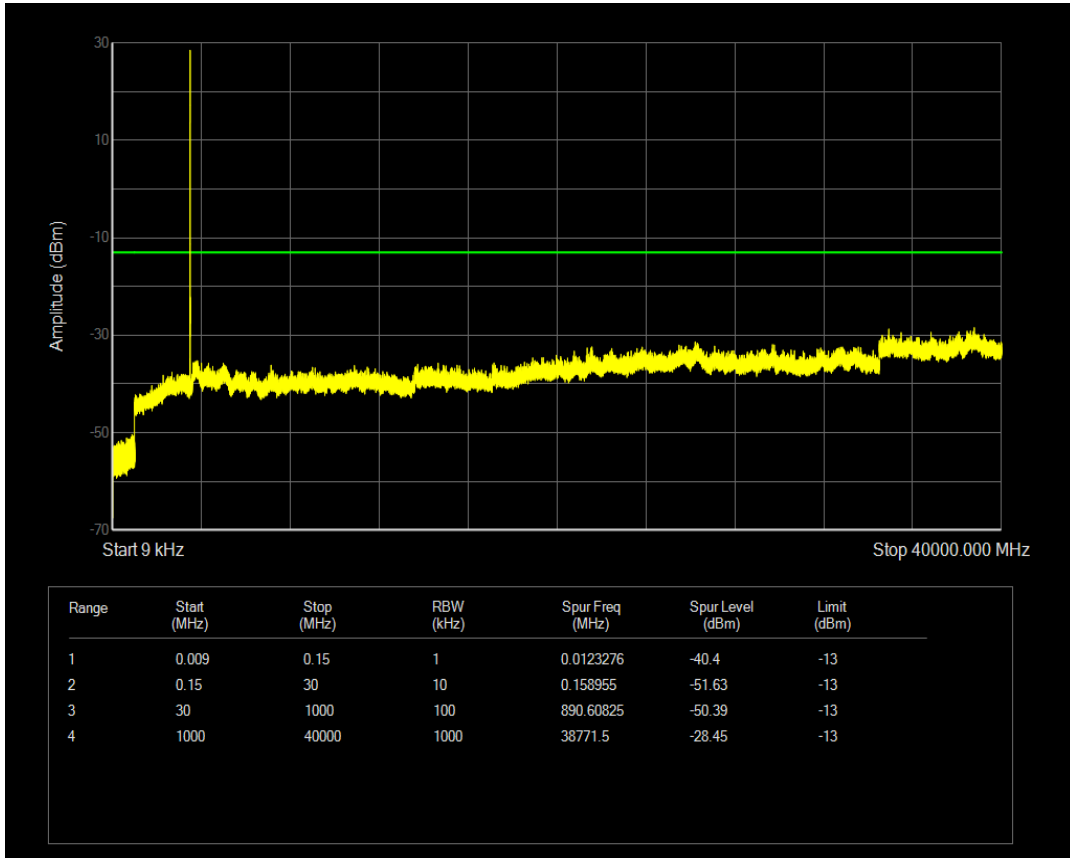
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=633334 RB=24@0



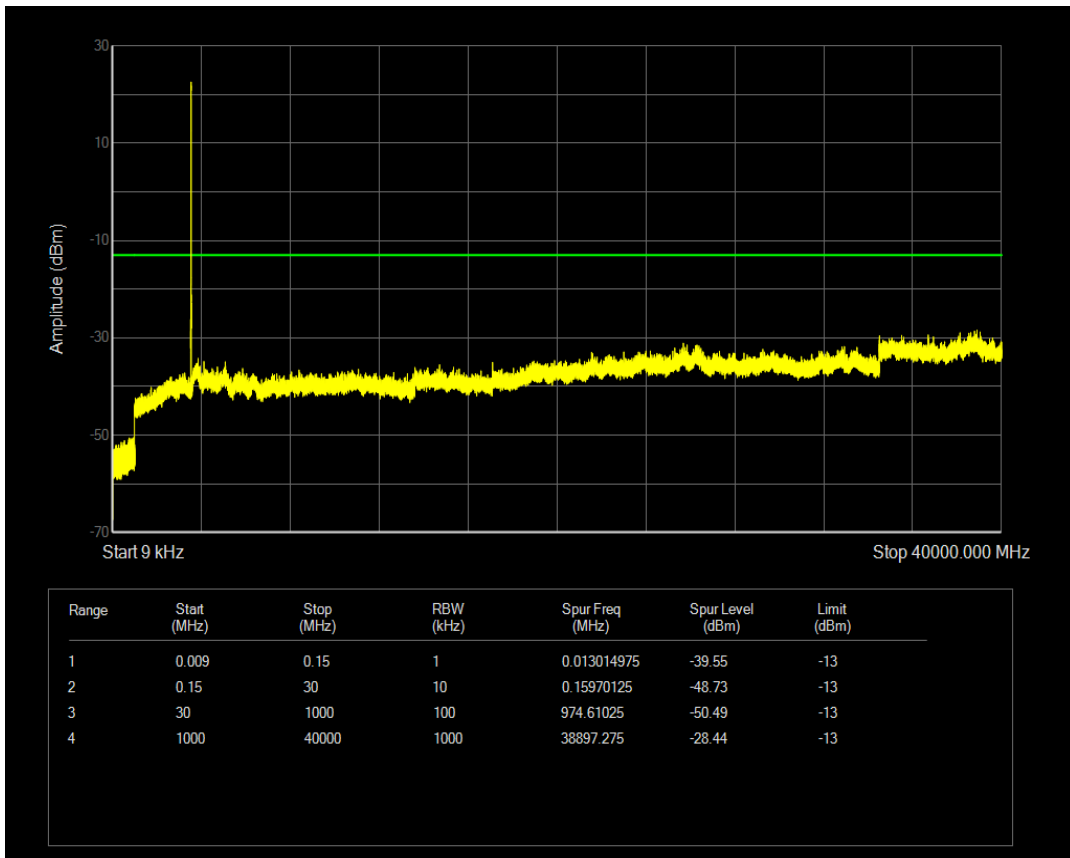
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=633334 RB=1@0



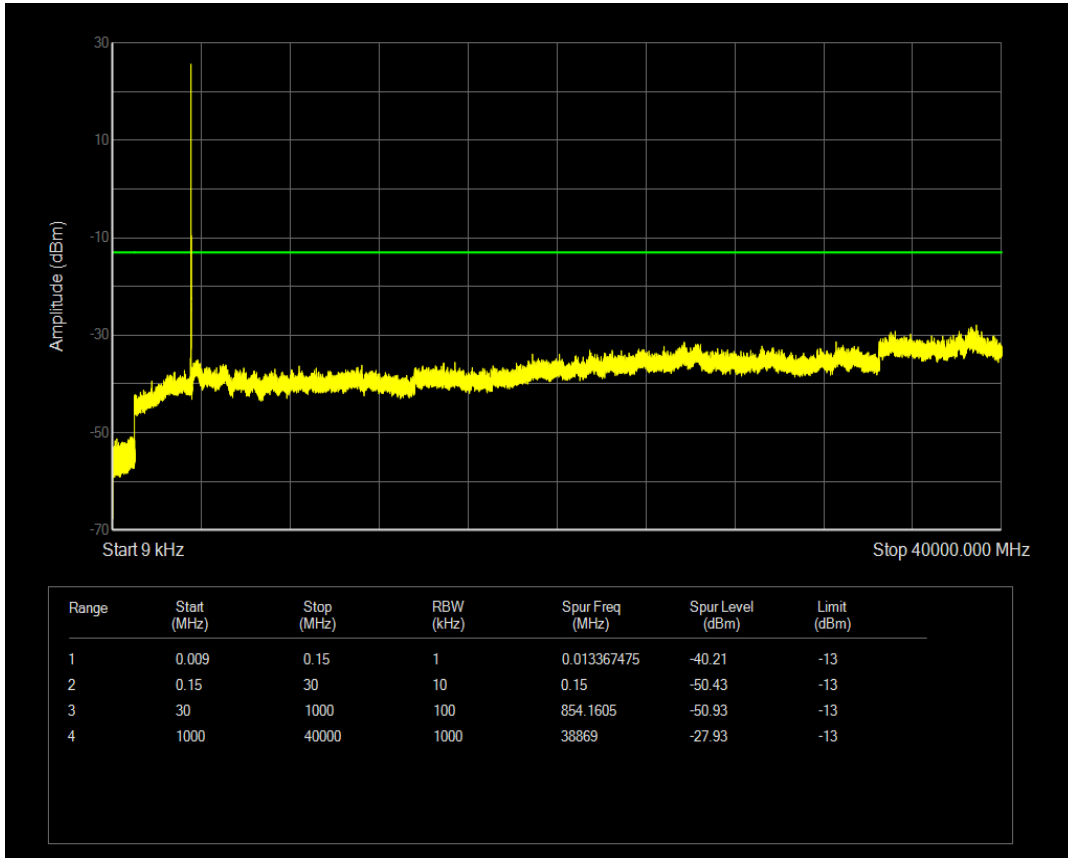
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=633334 RB=1@23



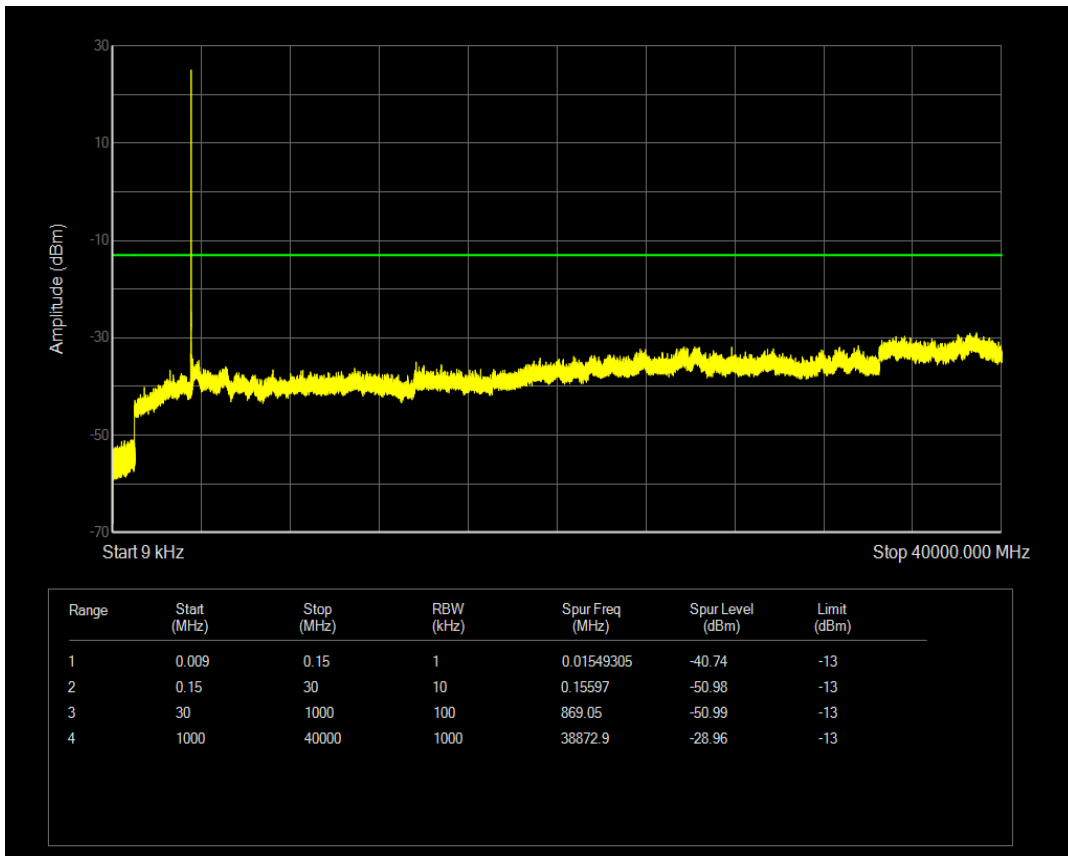
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=636332 RB=24@0



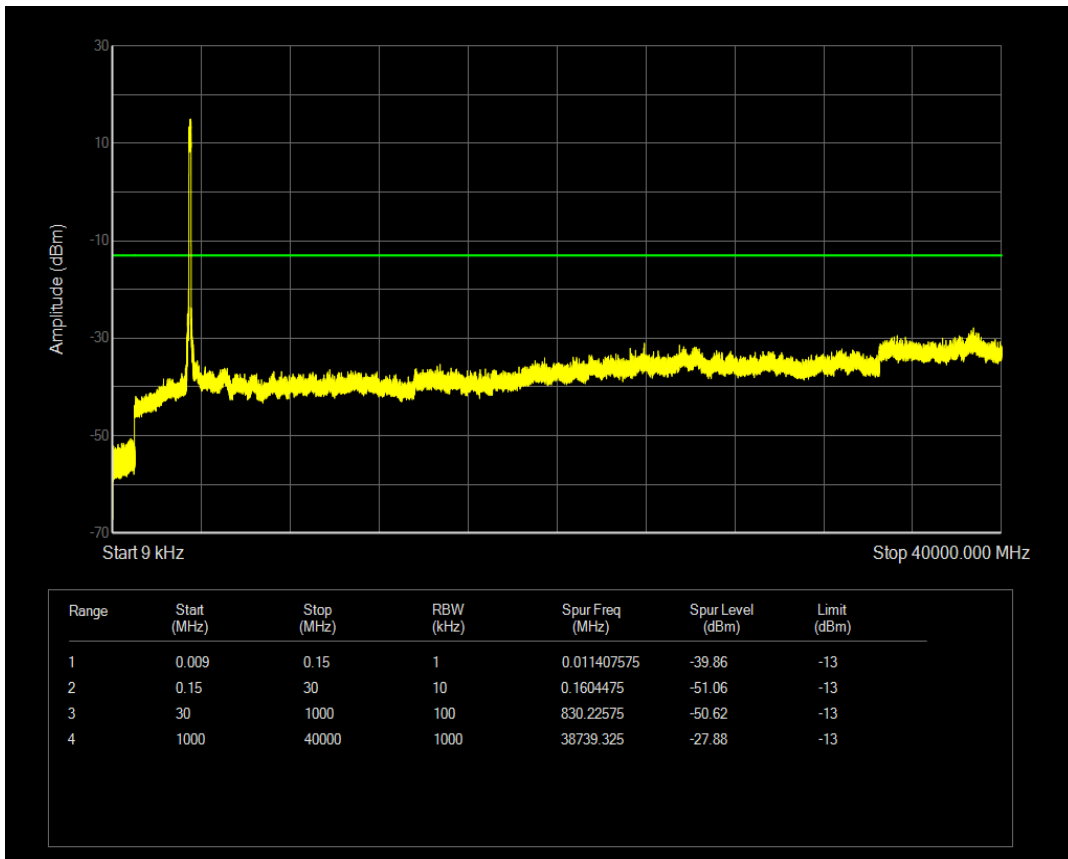
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=636332 RB=1@0



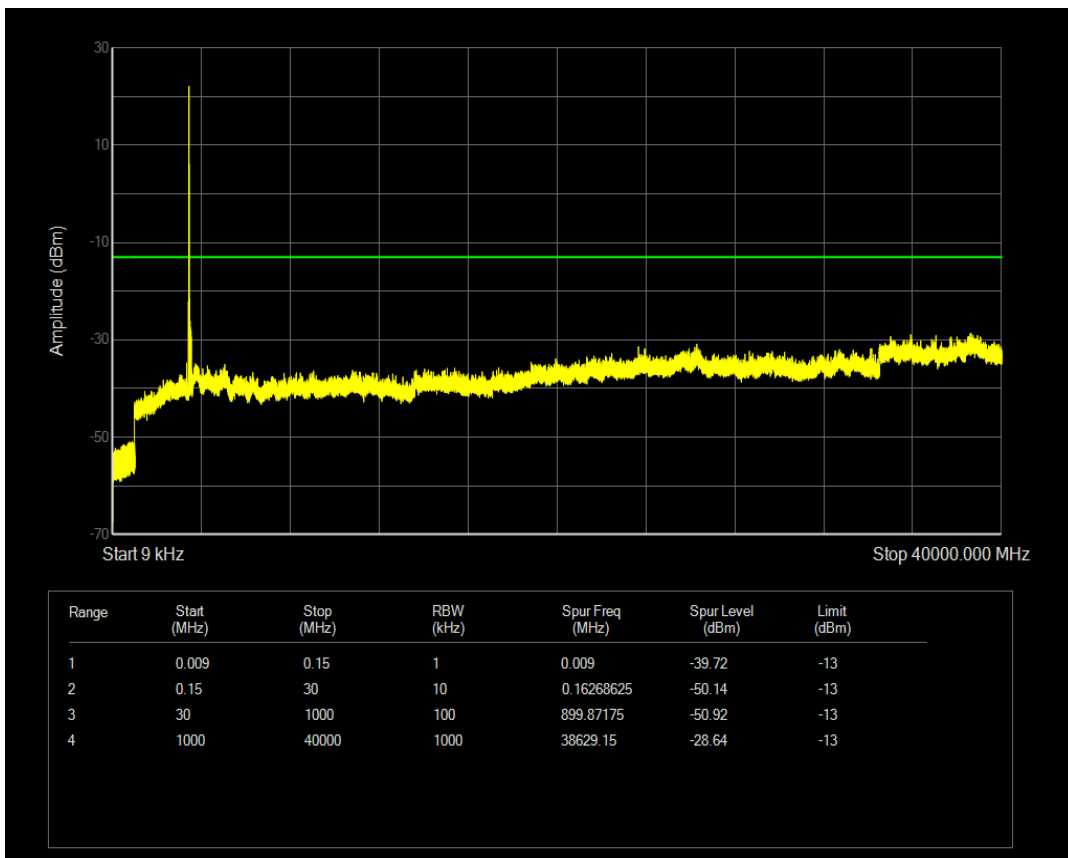
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=636332 RB=1@23



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

