# 1 Conducted output power for NR FR1

| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Power (dBm) | Gain (dBm) | EIRP (dBm) | EIRP Limit (dBm) | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| n77(3700-3980) | 30 | 10 | 647000 | 12@6 | DFT_BPSK | 26.87 | -2.3 | 24.57 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@1 | DFT_BPSK | 26.79 | -2.3 | 24.49 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@22 | DFT_BPSK | 26.82 | -2.3 | 24.52 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 12@6 | DFT_QPSK | 26.92 | -2.3 | 24.62 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@1 | DFT_QPSK | 26.59 | -2.3 | 24.29 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@22 | DFT_QPSK | 26.73 | -2.3 | 24.43 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 12@6 | DFT_QAM16 | 25.86 | -2.3 | 23.56 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@1 | DFT_QAM16 | 25.99 | -2.3 | 23.69 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@22 | DFT_QAM16 | 25.97 | -2.3 | 23.67 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 12@6 | DFT_QAM64 | 24.50 | -2.3 | 22.20 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@1 | DFT_QAM64 | 24.80 | -2.3 | 22.50 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@22 | DFT_QAM64 | 24.84 | -2.3 | 22.54 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 12@6 | DFT_QAM256 | 22.47 | -2.3 | 20.17 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@1 | DFT_QAM256 | 22.37 | -2.3 | 20.07 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@22 | DFT_QAM256 | 22.39 | -2.3 | 20.09 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 12@6 | CP_QPSK | 25.39 | -2.3 | 23.09 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@1 | CP_QPSK | 25.31 | -2.3 | 23.01 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@22 | CP_QPSK | 25.23 | -2.3 | 22.93 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 12@6 | CP_QAM16 | 24.92 | -2.3 | 22.62 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@1 | CP_QAM16 | 25.04 | -2.3 | 22.74 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@22 | CP_QAM16 | 25.09 | -2.3 | 22.79 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 12@6 | CP_QAM64 | 23.54 | -2.3 | 21.24 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@1 | CP_QAM64 | 23.43 | -2.3 | 21.13 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@22 | CP_QAM64 | 23.50 | -2.3 | 21.20 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 12@6 | CP_QAM256 | 20.41 | -2.3 | 18.11 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@1 | CP_QAM256 | 20.25 | -2.3 | 17.95 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@22 | CP_QAM256 | 20.88 | -2.3 | 18.58 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 12@6 | DFT_BPSK | 27.09 | -2.3 | 24.79 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@1 | DFT_BPSK | 27.01 | -2.3 | 24.71 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@22 | DFT_BPSK | 27.01 | -2.3 | 24.71 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 12@6 | DFT_QPSK | 27.06 | -2.3 | 24.76 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@1 | DFT_QPSK | 26.82 | -2.3 | 24.52 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@22 | DFT_QPSK | 26.86 | -2.3 | 24.56 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 12@6 | DFT_QAM16 | 26.11 | -2.3 | 23.81 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@1 | DFT_QAM16 | 26.09 | -2.3 | 23.79 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@22 | DFT_QAM16 | 26.25 | -2.3 | 23.95 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 12@6 | DFT_QAM64 | 24.70 | -2.3 | 22.40 | 30 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| n77(3700-3980) | 30 | 10 | 656000 | 1@1 | DFT_QAM64 | 24.59 | -2.3 | 22.29 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@22 | DFT_QAM64 | 25.06 | -2.3 | 22.76 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 12@6 | DFT_QAM256 | 22.76 | -2.3 | 20.46 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@1 | DFT_QAM256 | 22.90 | -2.3 | 20.60 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@22 | DFT_QAM256 | 22.68 | -2.3 | 20.38 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 12@6 | CP_QPSK | 25.53 | -2.3 | 23.23 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@1 | CP_QPSK | 25.39 | -2.3 | 23.09 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@22 | CP_QPSK | 25.45 | -2.3 | 23.15 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 12@6 | CP_QAM16 | 25.09 | -2.3 | 22.79 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@1 | CP_QAM16 | 25.18 | -2.3 | 22.88 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@22 | CP_QAM16 | 25.27 | -2.3 | 22.97 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 12@6 | CP_QAM64 | 23.56 | -2.3 | 21.26 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@1 | CP_QAM64 | 24.12 | -2.3 | 21.82 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@22 | CP_QAM64 | 23.69 | -2.3 | 21.39 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 12@6 | CP_QAM256 | 20.74 | -2.3 | 18.44 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@1 | CP_QAM256 | 20.30 | -2.3 | 18.00 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@22 | CP_QAM256 | 21.08 | -2.3 | 18.78 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 12@6 | DFT_BPSK | 26.78 | -2.3 | 24.48 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@1 | DFT_BPSK | 26.69 | -2.3 | 24.39 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@22 | DFT_BPSK | 26.78 | -2.3 | 24.48 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 12@6 | DFT_QPSK | 26.75 | -2.3 | 24.45 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@1 | DFT_QPSK | 26.57 | -2.3 | 24.27 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@22 | DFT_QPSK | 26.70 | -2.3 | 24.40 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 12@6 | DFT_QAM16 | 25.86 | -2.3 | 23.56 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@1 | DFT_QAM16 | 25.91 | -2.3 | 23.61 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@22 | DFT_QAM16 | 26.00 | -2.3 | 23.70 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 12@6 | DFT_QAM64 | 24.35 | -2.3 | 22.05 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@1 | DFT_QAM64 | 24.32 | -2.3 | 22.02 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@22 | DFT_QAM64 | 24.44 | -2.3 | 22.14 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 12@6 | DFT_QAM256 | 22.35 | -2.3 | 20.05 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@1 | DFT_QAM256 | 22.37 | -2.3 | 20.07 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@22 | DFT_QAM256 | 22.48 | -2.3 | 20.18 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 12@6 | CP_QPSK | 25.25 | -2.3 | 22.95 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@1 | CP_QPSK | 25.04 | -2.3 | 22.74 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@22 | CP_QPSK | 25.32 | -2.3 | 23.02 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 12@6 | CP_QAM16 | 24.77 | -2.3 | 22.47 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@1 | CP_QAM16 | 24.96 | -2.3 | 22.66 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@22 | CP_QAM16 | 24.99 | -2.3 | 22.69 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 12@6 | CP_QAM64 | 23.26 | -2.3 | 20.96 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@1 | CP_QAM64 | 23.31 | -2.3 | 21.01 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@22 | CP_QAM64 | 23.37 | -2.3 | 21.07 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 12@6 | CP_QAM256 | 20.22 | -2.3 | 17.92 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@1 | CP_QAM256 | 20.65 | -2.3 | 18.35 | 30 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@22 | CP_QAM256 | 20.20 | -2.3 | 17.90 | 30 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| n77(3700-3980) | 30 | 15 | 647168 | 18@9 | DFT_BPSK | 26.87 | -2.3 | 24.57 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@1 | DFT_BPSK | 26.74 | -2.3 | 24.44 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@36 | DFT_BPSK | 26.91 | -2.3 | 24.61 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 18@9 | DFT_QPSK | 26.89 | -2.3 | 24.59 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@1 | DFT_QPSK | 26.58 | -2.3 | 24.28 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@36 | DFT_QPSK | 26.66 | -2.3 | 24.36 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 18@9 | DFT_QAM16 | 25.89 | -2.3 | 23.59 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@1 | DFT_QAM16 | 25.92 | -2.3 | 23.62 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@36 | DFT_QAM16 | 26.06 | -2.3 | 23.76 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 18@9 | DFT_QAM64 | 24.41 | -2.3 | 22.11 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@1 | DFT_QAM64 | 24.77 | -2.3 | 22.47 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@36 | DFT_QAM64 | 24.57 | -2.3 | 22.27 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 18@9 | DFT_QAM256 | 22.54 | -2.3 | 20.24 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@1 | DFT_QAM256 | 22.34 | -2.3 | 20.04 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@36 | DFT_QAM256 | 22.45 | -2.3 | 20.15 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 19@9 | CP_QPSK | 25.34 | -2.3 | 23.04 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@1 | CP_QPSK | 25.16 | -2.3 | 22.86 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@36 | CP_QPSK | 25.17 | -2.3 | 22.87 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 19@9 | CP_QAM16 | 24.83 | -2.3 | 22.53 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@1 | CP_QAM16 | 24.95 | -2.3 | 22.65 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@36 | CP_QAM16 | 25.02 | -2.3 | 22.72 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 19@9 | CP_QAM64 | 23.33 | -2.3 | 21.03 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@1 | CP_QAM64 | 23.87 | -2.3 | 21.57 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@36 | CP_QAM64 | 24.03 | -2.3 | 21.73 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 19@9 | CP_QAM256 | 20.41 | -2.3 | 18.11 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@1 | CP_QAM256 | 20.16 | -2.3 | 17.86 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@36 | CP_QAM256 | 20.25 | -2.3 | 17.95 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 18@9 | DFT_BPSK | 27.04 | -2.3 | 24.74 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@1 | DFT_BPSK | 26.92 | -2.3 | 24.62 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@36 | DFT_BPSK | 27.00 | -2.3 | 24.70 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 18@9 | DFT_QPSK | 27.06 | -2.3 | 24.76 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@1 | DFT_QPSK | 26.87 | -2.3 | 24.57 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@36 | DFT_QPSK | 26.87 | -2.3 | 24.57 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 18@9 | DFT_QAM16 | 26.17 | -2.3 | 23.87 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@1 | DFT_QAM16 | 25.92 | -2.3 | 23.62 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@36 | DFT_QAM16 | 26.10 | -2.3 | 23.80 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 18@9 | DFT_QAM64 | 24.58 | -2.3 | 22.28 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@1 | DFT_QAM64 | 24.57 | -2.3 | 22.27 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@36 | DFT_QAM64 | 24.67 | -2.3 | 22.37 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 18@9 | DFT_QAM256 | 22.81 | -2.3 | 20.51 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@1 | DFT_QAM256 | 22.51 | -2.3 | 20.21 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@36 | DFT_QAM256 | 22.68 | -2.3 | 20.38 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 19@9 | CP_QPSK | 25.45 | -2.3 | 23.15 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@1 | CP_QPSK | 25.39 | -2.3 | 23.09 | 30 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| n77(3700-3980) | 30 | 15 | 656000 | 1@36 | CP_QPSK | 25.43 | -2.3 | 23.13 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 19@9 | CP_QAM16 | 25.02 | -2.3 | 22.72 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@1 | CP_QAM16 | 25.05 | -2.3 | 22.75 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@36 | CP_QAM16 | 25.25 | -2.3 | 22.95 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 19@9 | CP_QAM64 | 23.68 | -2.3 | 21.38 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@1 | CP_QAM64 | 23.95 | -2.3 | 21.65 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@36 | CP_QAM64 | 24.00 | -2.3 | 21.70 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 19@9 | CP_QAM256 | 20.63 | -2.3 | 18.33 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@1 | CP_QAM256 | 20.84 | -2.3 | 18.54 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@36 | CP_QAM256 | 20.54 | -2.3 | 18.24 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 18@9 | DFT_BPSK | 26.77 | -2.3 | 24.47 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@1 | DFT_BPSK | 26.68 | -2.3 | 24.38 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@36 | DFT_BPSK | 26.78 | -2.3 | 24.48 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 18@9 | DFT_QPSK | 26.73 | -2.3 | 24.43 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@1 | DFT_QPSK | 26.53 | -2.3 | 24.23 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@36 | DFT_QPSK | 26.62 | -2.3 | 24.32 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 18@9 | DFT_QAM16 | 25.65 | -2.3 | 23.35 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@1 | DFT_QAM16 | 25.66 | -2.3 | 23.36 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@36 | DFT_QAM16 | 25.71 | -2.3 | 23.41 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 18@9 | DFT_QAM64 | 24.32 | -2.3 | 22.02 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@1 | DFT_QAM64 | 24.31 | -2.3 | 22.01 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@36 | DFT_QAM64 | 24.42 | -2.3 | 22.12 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 18@9 | DFT_QAM256 | 22.35 | -2.3 | 20.05 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@1 | DFT_QAM256 | 22.28 | -2.3 | 19.98 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@36 | DFT_QAM256 | 22.44 | -2.3 | 20.14 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 19@9 | CP_QPSK | 25.16 | -2.3 | 22.86 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@1 | CP_QPSK | 25.17 | -2.3 | 22.87 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@36 | CP_QPSK | 25.11 | -2.3 | 22.81 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 19@9 | CP_QAM16 | 24.69 | -2.3 | 22.39 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@1 | CP_QAM16 | 24.82 | -2.3 | 22.52 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@36 | CP_QAM16 | 24.87 | -2.3 | 22.57 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 19@9 | CP_QAM64 | 23.34 | -2.3 | 21.04 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@1 | CP_QAM64 | 23.65 | -2.3 | 21.35 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@36 | CP_QAM64 | 23.31 | -2.3 | 21.01 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 19@9 | CP_QAM256 | 20.28 | -2.3 | 17.98 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@1 | CP_QAM256 | 20.66 | -2.3 | 18.36 | 30 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@36 | CP_QAM256 | 20.76 | -2.3 | 18.46 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 25@12 | DFT_BPSK | 26.85 | -2.3 | 24.55 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@1 | DFT_BPSK | 26.66 | -2.3 | 24.36 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@49 | DFT_BPSK | 26.75 | -2.3 | 24.45 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 25@12 | DFT_QPSK | 26.89 | -2.3 | 24.59 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@1 | DFT_QPSK | 26.61 | -2.3 | 24.31 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@49 | DFT_QPSK | 26.62 | -2.3 | 24.32 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 25@12 | DFT_QAM16 | 25.99 | -2.3 | 23.69 | 30 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| n77(3700-3980) | 30 | 20 | 647334 | 1@1 | DFT_QAM16 | 25.67 | -2.3 | 23.37 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@49 | DFT_QAM16 | 25.73 | -2.3 | 23.43 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 25@12 | DFT_QAM64 | 24.37 | -2.3 | 22.07 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@1 | DFT_QAM64 | 24.41 | -2.3 | 22.11 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@49 | DFT_QAM64 | 24.38 | -2.3 | 22.08 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 25@12 | DFT_QAM256 | 22.44 | -2.3 | 20.14 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@1 | DFT_QAM256 | 22.29 | -2.3 | 19.99 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@49 | DFT_QAM256 | 22.36 | -2.3 | 20.06 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 25@12 | CP_QPSK | 25.37 | -2.3 | 23.07 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@1 | CP_QPSK | 25.07 | -2.3 | 22.77 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@49 | CP_QPSK | 25.16 | -2.3 | 22.86 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 25@12 | CP_QAM16 | 24.75 | -2.3 | 22.45 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@1 | CP_QAM16 | 25.06 | -2.3 | 22.76 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@49 | CP_QAM16 | 24.87 | -2.3 | 22.57 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 25@12 | CP_QAM64 | 23.30 | -2.3 | 21.00 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@1 | CP_QAM64 | 23.28 | -2.3 | 20.98 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@49 | CP_QAM64 | 23.77 | -2.3 | 21.47 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 25@12 | CP_QAM256 | 20.50 | -2.3 | 18.20 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@1 | CP_QAM256 | 20.70 | -2.3 | 18.40 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@49 | CP_QAM256 | 20.80 | -2.3 | 18.50 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 25@12 | DFT_BPSK | 27.07 | -2.3 | 24.77 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@1 | DFT_BPSK | 26.75 | -2.3 | 24.45 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@49 | DFT_BPSK | 26.95 | -2.3 | 24.65 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 25@12 | DFT_QPSK | 27.06 | -2.3 | 24.76 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@1 | DFT_QPSK | 26.60 | -2.3 | 24.30 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@49 | DFT_QPSK | 26.88 | -2.3 | 24.58 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 25@12 | DFT_QAM16 | 25.99 | -2.3 | 23.69 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@1 | DFT_QAM16 | 25.75 | -2.3 | 23.45 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@49 | DFT_QAM16 | 26.10 | -2.3 | 23.80 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 25@12 | DFT_QAM64 | 24.59 | -2.3 | 22.29 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@1 | DFT_QAM64 | 24.30 | -2.3 | 22.00 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@49 | DFT_QAM64 | 24.63 | -2.3 | 22.33 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 25@12 | DFT_QAM256 | 22.63 | -2.3 | 20.33 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@1 | DFT_QAM256 | 22.48 | -2.3 | 20.18 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@49 | DFT_QAM256 | 22.65 | -2.3 | 20.35 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 25@12 | CP_QPSK | 25.57 | -2.3 | 23.27 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@1 | CP_QPSK | 25.26 | -2.3 | 22.96 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@49 | CP_QPSK | 25.29 | -2.3 | 22.99 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 25@12 | CP_QAM16 | 24.98 | -2.3 | 22.68 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@1 | CP_QAM16 | 24.88 | -2.3 | 22.58 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@49 | CP_QAM16 | 25.16 | -2.3 | 22.86 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 25@12 | CP_QAM64 | 23.53 | -2.3 | 21.23 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@1 | CP_QAM64 | 23.81 | -2.3 | 21.51 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@49 | CP_QAM64 | 23.93 | -2.3 | 21.63 | 30 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| n77(3700-3980) | 30 | 20 | 656000 | 25@12 | CP_QAM256 | 20.64 | -2.3 | 18.34 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@1 | CP_QAM256 | 20.30 | -2.3 | 18.00 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@49 | CP_QAM256 | 21.03 | -2.3 | 18.73 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 25@12 | DFT_BPSK | 26.74 | -2.3 | 24.44 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@1 | DFT_BPSK | 26.73 | -2.3 | 24.43 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@49 | DFT_BPSK | 26.65 | -2.3 | 24.35 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 25@12 | DFT_QPSK | 26.78 | -2.3 | 24.48 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@1 | DFT_QPSK | 26.56 | -2.3 | 24.26 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@49 | DFT_QPSK | 26.52 | -2.3 | 24.22 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 25@12 | DFT_QAM16 | 25.79 | -2.3 | 23.49 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@1 | DFT_QAM16 | 25.91 | -2.3 | 23.61 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@49 | DFT_QAM16 | 25.95 | -2.3 | 23.65 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 25@12 | DFT_QAM64 | 24.17 | -2.3 | 21.87 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@1 | DFT_QAM64 | 24.59 | -2.3 | 22.29 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@49 | DFT_QAM64 | 24.35 | -2.3 | 22.05 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 25@12 | DFT_QAM256 | 22.28 | -2.3 | 19.98 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@1 | DFT_QAM256 | 22.34 | -2.3 | 20.04 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@49 | DFT_QAM256 | 22.34 | -2.3 | 20.04 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 25@12 | CP_QPSK | 25.18 | -2.3 | 22.88 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@1 | CP_QPSK | 25.08 | -2.3 | 22.78 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@49 | CP_QPSK | 25.09 | -2.3 | 22.79 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 25@12 | CP_QAM16 | 24.71 | -2.3 | 22.41 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@1 | CP_QAM16 | 24.89 | -2.3 | 22.59 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@49 | CP_QAM16 | 24.92 | -2.3 | 22.62 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 25@12 | CP_QAM64 | 23.21 | -2.3 | 20.91 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@1 | CP_QAM64 | 23.44 | -2.3 | 21.14 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@49 | CP_QAM64 | 23.47 | -2.3 | 21.17 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 25@12 | CP_QAM256 | 20.22 | -2.3 | 17.92 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@1 | CP_QAM256 | 20.51 | -2.3 | 18.21 | 30 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@49 | CP_QAM256 | 20.56 | -2.3 | 18.26 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 36@18 | DFT_BPSK | 26.79 | -2.3 | 24.49 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@1 | DFT_BPSK | 26.45 | -2.3 | 24.15 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@76 | DFT_BPSK | 26.41 | -2.3 | 24.11 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 36@18 | DFT_QPSK | 26.84 | -2.3 | 24.54 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@1 | DFT_QPSK | 26.32 | -2.3 | 24.02 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@76 | DFT_QPSK | 26.35 | -2.3 | 24.05 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 36@18 | DFT_QAM16 | 25.80 | -2.3 | 23.50 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@1 | DFT_QAM16 | 25.46 | -2.3 | 23.16 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@76 | DFT_QAM16 | 25.55 | -2.3 | 23.25 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 36@18 | DFT_QAM64 | 24.35 | -2.3 | 22.05 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@1 | DFT_QAM64 | 24.01 | -2.3 | 21.71 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@76 | DFT_QAM64 | 24.04 | -2.3 | 21.74 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 36@18 | DFT_QAM256 | 22.33 | -2.3 | 20.03 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@1 | DFT_QAM256 | 22.26 | -2.3 | 19.96 | 30 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| n77(3700-3980) | 30 | 30 | 647668 | 1@76 | DFT_QAM256 | 22.06 | -2.3 | 19.76 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 39@19 | CP_QPSK | 25.28 | -2.3 | 22.98 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@1 | CP_QPSK | 24.89 | -2.3 | 22.59 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@76 | CP_QPSK | 24.97 | -2.3 | 22.67 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 39@19 | CP_QAM16 | 24.84 | -2.3 | 22.54 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@1 | CP_QAM16 | 24.30 | -2.3 | 22.00 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@76 | CP_QAM16 | 24.68 | -2.3 | 22.38 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 39@19 | CP_QAM64 | 23.36 | -2.3 | 21.06 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@1 | CP_QAM64 | 23.22 | -2.3 | 20.92 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@76 | CP_QAM64 | 23.23 | -2.3 | 20.93 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 39@19 | CP_QAM256 | 20.42 | -2.3 | 18.12 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@1 | CP_QAM256 | 20.26 | -2.3 | 17.96 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@76 | CP_QAM256 | 19.84 | -2.3 | 17.54 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 36@18 | DFT_BPSK | 26.95 | -2.3 | 24.65 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@1 | DFT_BPSK | 26.61 | -2.3 | 24.31 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@76 | DFT_BPSK | 26.74 | -2.3 | 24.44 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 36@18 | DFT_QPSK | 26.95 | -2.3 | 24.65 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@1 | DFT_QPSK | 26.54 | -2.3 | 24.24 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@76 | DFT_QPSK | 26.54 | -2.3 | 24.24 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 36@18 | DFT_QAM16 | 26.00 | -2.3 | 23.70 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@1 | DFT_QAM16 | 25.66 | -2.3 | 23.36 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@76 | DFT_QAM16 | 25.81 | -2.3 | 23.51 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 36@18 | DFT_QAM64 | 24.61 | -2.3 | 22.31 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@1 | DFT_QAM64 | 24.25 | -2.3 | 21.95 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@76 | DFT_QAM64 | 24.71 | -2.3 | 22.41 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 36@18 | DFT_QAM256 | 22.52 | -2.3 | 20.22 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@1 | DFT_QAM256 | 22.37 | -2.3 | 20.07 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@76 | DFT_QAM256 | 22.33 | -2.3 | 20.03 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 39@19 | CP_QPSK | 25.46 | -2.3 | 23.16 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@1 | CP_QPSK | 24.93 | -2.3 | 22.63 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@76 | CP_QPSK | 25.05 | -2.3 | 22.75 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 39@19 | CP_QAM16 | 24.96 | -2.3 | 22.66 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@1 | CP_QAM16 | 24.72 | -2.3 | 22.42 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@76 | CP_QAM16 | 24.45 | -2.3 | 22.15 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 39@19 | CP_QAM64 | 23.49 | -2.3 | 21.19 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@1 | CP_QAM64 | 23.41 | -2.3 | 21.11 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@76 | CP_QAM64 | 23.53 | -2.3 | 21.23 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 39@19 | CP_QAM256 | 20.54 | -2.3 | 18.24 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@1 | CP_QAM256 | 19.93 | -2.3 | 17.63 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@76 | CP_QAM256 | 20.07 | -2.3 | 17.77 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 36@18 | DFT_BPSK | 26.72 | -2.3 | 24.42 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@1 | DFT_BPSK | 26.54 | -2.3 | 24.24 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@76 | DFT_BPSK | 26.49 | -2.3 | 24.19 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 36@18 | DFT_QPSK | 26.66 | -2.3 | 24.36 | 30 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| n77(3700-3980) | 30 | 30 | 664332 | 1@1 | DFT_QPSK | 26.34 | -2.3 | 24.04 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@76 | DFT_QPSK | 26.42 | -2.3 | 24.12 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 36@18 | DFT_QAM16 | 25.65 | -2.3 | 23.35 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@1 | DFT_QAM16 | 25.63 | -2.3 | 23.33 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@76 | DFT_QAM16 | 25.34 | -2.3 | 23.04 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 36@18 | DFT_QAM64 | 24.30 | -2.3 | 22.00 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@1 | DFT_QAM64 | 24.21 | -2.3 | 21.91 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@76 | DFT_QAM64 | 24.48 | -2.3 | 22.18 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 36@18 | DFT_QAM256 | 22.15 | -2.3 | 19.85 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@1 | DFT_QAM256 | 22.32 | -2.3 | 20.02 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@76 | DFT_QAM256 | 22.13 | -2.3 | 19.83 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 39@19 | CP_QPSK | 25.17 | -2.3 | 22.87 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@1 | CP_QPSK | 24.97 | -2.3 | 22.67 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@76 | CP_QPSK | 24.95 | -2.3 | 22.65 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 39@19 | CP_QAM16 | 24.76 | -2.3 | 22.46 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@1 | CP_QAM16 | 24.78 | -2.3 | 22.48 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@76 | CP_QAM16 | 24.63 | -2.3 | 22.33 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 39@19 | CP_QAM64 | 23.24 | -2.3 | 20.94 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@1 | CP_QAM64 | 23.39 | -2.3 | 21.09 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@76 | CP_QAM64 | 23.27 | -2.3 | 20.97 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 39@19 | CP_QAM256 | 20.25 | -2.3 | 17.95 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@1 | CP_QAM256 | 20.41 | -2.3 | 18.11 | 30 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@76 | CP_QAM256 | 20.34 | -2.3 | 18.04 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 50@25 | DFT_BPSK | 26.74 | -2.3 | 24.44 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@1 | DFT_BPSK | 26.22 | -2.3 | 23.92 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@104 | DFT_BPSK | 26.30 | -2.3 | 24.00 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 50@25 | DFT_QPSK | 26.78 | -2.3 | 24.48 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@1 | DFT_QPSK | 26.10 | -2.3 | 23.80 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@104 | DFT_QPSK | 26.26 | -2.3 | 23.96 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 50@25 | DFT_QAM16 | 25.80 | -2.3 | 23.50 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@1 | DFT_QAM16 | 25.11 | -2.3 | 22.81 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@104 | DFT_QAM16 | 25.44 | -2.3 | 23.14 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 50@25 | DFT_QAM64 | 24.32 | -2.3 | 22.02 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@1 | DFT_QAM64 | 24.26 | -2.3 | 21.96 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@104 | DFT_QAM64 | 24.07 | -2.3 | 21.77 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 50@25 | DFT_QAM256 | 22.39 | -2.3 | 20.09 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@1 | DFT_QAM256 | 21.88 | -2.3 | 19.58 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@104 | DFT_QAM256 | 21.89 | -2.3 | 19.59 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 53@26 | CP_QPSK | 25.20 | -2.3 | 22.90 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@1 | CP_QPSK | 24.63 | -2.3 | 22.33 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@104 | CP_QPSK | 24.64 | -2.3 | 22.34 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 53@26 | CP_QAM16 | 24.73 | -2.3 | 22.43 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@1 | CP_QAM16 | 24.39 | -2.3 | 22.09 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@104 | CP_QAM16 | 24.50 | -2.3 | 22.20 | 30 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| n77(3700-3980) | 30 | 40 | 648000 | 53@26 | CP_QAM64 | 23.32 | -2.3 | 21.02 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@1 | CP_QAM64 | 23.02 | -2.3 | 20.72 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@104 | CP_QAM64 | 23.12 | -2.3 | 20.82 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 53@26 | CP_QAM256 | 20.29 | -2.3 | 17.99 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@1 | CP_QAM256 | 19.54 | -2.3 | 17.24 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@104 | CP_QAM256 | 19.62 | -2.3 | 17.32 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 50@25 | DFT_BPSK | 26.98 | -2.3 | 24.68 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@1 | DFT_BPSK | 26.34 | -2.3 | 24.04 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@104 | DFT_BPSK | 26.49 | -2.3 | 24.19 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 50@25 | DFT_QPSK | 26.99 | -2.3 | 24.69 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@1 | DFT_QPSK | 26.15 | -2.3 | 23.85 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@104 | DFT_QPSK | 26.24 | -2.3 | 23.94 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 50@25 | DFT_QAM16 | 25.91 | -2.3 | 23.61 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@1 | DFT_QAM16 | 25.34 | -2.3 | 23.04 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@104 | DFT_QAM16 | 25.52 | -2.3 | 23.22 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 50@25 | DFT_QAM64 | 24.49 | -2.3 | 22.19 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@1 | DFT_QAM64 | 24.01 | -2.3 | 21.71 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@104 | DFT_QAM64 | 24.41 | -2.3 | 22.11 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 50@25 | DFT_QAM256 | 22.50 | -2.3 | 20.20 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@1 | DFT_QAM256 | 22.28 | -2.3 | 19.98 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@104 | DFT_QAM256 | 22.30 | -2.3 | 20.00 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 53@26 | CP_QPSK | 25.35 | -2.3 | 23.05 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@1 | CP_QPSK | 24.81 | -2.3 | 22.51 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@104 | CP_QPSK | 24.94 | -2.3 | 22.64 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 53@26 | CP_QAM16 | 24.89 | -2.3 | 22.59 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@1 | CP_QAM16 | 24.52 | -2.3 | 22.22 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@104 | CP_QAM16 | 24.31 | -2.3 | 22.01 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 53@26 | CP_QAM64 | 23.46 | -2.3 | 21.16 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@1 | CP_QAM64 | 23.16 | -2.3 | 20.86 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@104 | CP_QAM64 | 22.87 | -2.3 | 20.57 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 53@26 | CP_QAM256 | 20.50 | -2.3 | 18.20 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@1 | CP_QAM256 | 19.81 | -2.3 | 17.51 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@104 | CP_QAM256 | 20.28 | -2.3 | 17.98 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 50@25 | DFT_BPSK | 26.75 | -2.3 | 24.45 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@1 | DFT_BPSK | 26.02 | -2.3 | 23.72 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@104 | DFT_BPSK | 26.30 | -2.3 | 24.00 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 50@25 | DFT_QPSK | 26.79 | -2.3 | 24.49 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@1 | DFT_QPSK | 25.88 | -2.3 | 23.58 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@104 | DFT_QPSK | 26.18 | -2.3 | 23.88 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 50@25 | DFT_QAM16 | 25.73 | -2.3 | 23.43 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@1 | DFT_QAM16 | 25.06 | -2.3 | 22.76 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@104 | DFT_QAM16 | 25.33 | -2.3 | 23.03 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 50@25 | DFT_QAM64 | 24.37 | -2.3 | 22.07 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@1 | DFT_QAM64 | 23.82 | -2.3 | 21.52 | 30 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| n77(3700-3980) | 30 | 40 | 664000 | 1@104 | DFT_QAM64 | 24.02 | -2.3 | 21.72 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 50@25 | DFT_QAM256 | 22.33 | -2.3 | 20.03 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@1 | DFT_QAM256 | 21.84 | -2.3 | 19.54 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@104 | DFT_QAM256 | 22.05 | -2.3 | 19.75 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 53@26 | CP_QPSK | 25.21 | -2.3 | 22.91 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@1 | CP_QPSK | 24.57 | -2.3 | 22.27 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@104 | CP_QPSK | 24.81 | -2.3 | 22.51 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 53@26 | CP_QAM16 | 24.74 | -2.3 | 22.44 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@1 | CP_QAM16 | 23.94 | -2.3 | 21.64 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@104 | CP_QAM16 | 24.45 | -2.3 | 22.15 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 53@26 | CP_QAM64 | 23.23 | -2.3 | 20.93 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@1 | CP_QAM64 | 22.57 | -2.3 | 20.27 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@104 | CP_QAM64 | 23.05 | -2.3 | 20.75 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 53@26 | CP_QAM256 | 20.27 | -2.3 | 17.97 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@1 | CP_QAM256 | 19.91 | -2.3 | 17.61 | 30 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@104 | CP_QAM256 | 19.60 | -2.3 | 17.30 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 64@32 | DFT_BPSK | 26.87 | -2.3 | 24.57 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@1 | DFT_BPSK | 26.57 | -2.3 | 24.27 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@131 | DFT_BPSK | 26.51 | -2.3 | 24.21 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 64@32 | DFT_QPSK | 26.82 | -2.3 | 24.52 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@1 | DFT_QPSK | 26.37 | -2.3 | 24.07 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@131 | DFT_QPSK | 26.47 | -2.3 | 24.17 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 64@32 | DFT_QAM16 | 25.81 | -2.3 | 23.51 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@1 | DFT_QAM16 | 25.60 | -2.3 | 23.30 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@131 | DFT_QAM16 | 25.61 | -2.3 | 23.31 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 64@32 | DFT_QAM64 | 24.37 | -2.3 | 22.07 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@1 | DFT_QAM64 | 24.43 | -2.3 | 22.13 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@131 | DFT_QAM64 | 24.32 | -2.3 | 22.02 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 64@32 | DFT_QAM256 | 22.41 | -2.3 | 20.11 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@1 | DFT_QAM256 | 22.13 | -2.3 | 19.83 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@131 | DFT_QAM256 | 22.25 | -2.3 | 19.95 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 67@33 | CP_QPSK | 25.20 | -2.3 | 22.90 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@1 | CP_QPSK | 24.86 | -2.3 | 22.56 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@131 | CP_QPSK | 24.89 | -2.3 | 22.59 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 67@33 | CP_QAM16 | 24.83 | -2.3 | 22.53 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@1 | CP_QAM16 | 24.35 | -2.3 | 22.05 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@131 | CP_QAM16 | 24.50 | -2.3 | 22.20 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 67@33 | CP_QAM64 | 23.29 | -2.3 | 20.99 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@1 | CP_QAM64 | 23.24 | -2.3 | 20.94 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@131 | CP_QAM64 | 23.24 | -2.3 | 20.94 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 67@33 | CP_QAM256 | 20.33 | -2.3 | 18.03 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@1 | CP_QAM256 | 20.42 | -2.3 | 18.12 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@131 | CP_QAM256 | 20.52 | -2.3 | 18.22 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 64@32 | DFT_BPSK | 26.96 | -2.3 | 24.66 | 30 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| n77(3700-3980) | 30 | 50 | 656000 | 1@1 | DFT_BPSK | 26.55 | -2.3 | 24.25 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@131 | DFT_BPSK | 26.64 | -2.3 | 24.34 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 64@32 | DFT_QPSK | 26.99 | -2.3 | 24.69 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@1 | DFT_QPSK | 26.41 | -2.3 | 24.11 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@131 | DFT_QPSK | 26.62 | -2.3 | 24.32 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 64@32 | DFT_QAM16 | 25.96 | -2.3 | 23.66 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@1 | DFT_QAM16 | 25.70 | -2.3 | 23.40 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@131 | DFT_QAM16 | 25.50 | -2.3 | 23.20 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 64@32 | DFT_QAM64 | 24.58 | -2.3 | 22.28 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@1 | DFT_QAM64 | 24.59 | -2.3 | 22.29 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@131 | DFT_QAM64 | 24.71 | -2.3 | 22.41 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 64@32 | DFT_QAM256 | 22.47 | -2.3 | 20.17 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@1 | DFT_QAM256 | 22.39 | -2.3 | 20.09 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@131 | DFT_QAM256 | 22.50 | -2.3 | 20.20 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 67@33 | CP_QPSK | 25.38 | -2.3 | 23.08 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@1 | CP_QPSK | 25.03 | -2.3 | 22.73 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@131 | CP_QPSK | 25.15 | -2.3 | 22.85 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 67@33 | CP_QAM16 | 24.92 | -2.3 | 22.62 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@1 | CP_QAM16 | 24.31 | -2.3 | 22.01 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@131 | CP_QAM16 | 24.84 | -2.3 | 22.54 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 67@33 | CP_QAM64 | 23.54 | -2.3 | 21.24 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@1 | CP_QAM64 | 23.37 | -2.3 | 21.07 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@131 | CP_QAM64 | 23.47 | -2.3 | 21.17 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 67@33 | CP_QAM256 | 20.54 | -2.3 | 18.24 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@1 | CP_QAM256 | 19.91 | -2.3 | 17.61 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@131 | CP_QAM256 | 20.07 | -2.3 | 17.77 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 64@32 | DFT_BPSK | 26.70 | -2.3 | 24.40 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@1 | DFT_BPSK | 26.25 | -2.3 | 23.95 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@131 | DFT_BPSK | 26.50 | -2.3 | 24.20 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 64@32 | DFT_QPSK | 26.77 | -2.3 | 24.47 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@1 | DFT_QPSK | 26.26 | -2.3 | 23.96 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@131 | DFT_QPSK | 26.48 | -2.3 | 24.18 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 64@32 | DFT_QAM16 | 25.70 | -2.3 | 23.40 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@1 | DFT_QAM16 | 25.11 | -2.3 | 22.81 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@131 | DFT_QAM16 | 25.34 | -2.3 | 23.04 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 64@32 | DFT_QAM64 | 24.31 | -2.3 | 22.01 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@1 | DFT_QAM64 | 23.79 | -2.3 | 21.49 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@131 | DFT_QAM64 | 24.04 | -2.3 | 21.74 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 64@32 | DFT_QAM256 | 22.29 | -2.3 | 19.99 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@1 | DFT_QAM256 | 21.73 | -2.3 | 19.43 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@131 | DFT_QAM256 | 22.00 | -2.3 | 19.70 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 67@33 | CP_QPSK | 25.18 | -2.3 | 22.88 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@1 | CP_QPSK | 24.77 | -2.3 | 22.47 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@131 | CP_QPSK | 25.04 | -2.3 | 22.74 | 30 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| n77(3700-3980) | 30 | 50 | 663666 | 67@33 | CP_QAM16 | 24.64 | -2.3 | 22.34 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@1 | CP_QAM16 | 24.45 | -2.3 | 22.15 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@131 | CP_QAM16 | 24.32 | -2.3 | 22.02 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 67@33 | CP_QAM64 | 23.34 | -2.3 | 21.04 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@1 | CP_QAM64 | 22.73 | -2.3 | 20.43 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@131 | CP_QAM64 | 22.98 | -2.3 | 20.68 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 67@33 | CP_QAM256 | 20.25 | -2.3 | 17.95 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@1 | CP_QAM256 | 19.64 | -2.3 | 17.34 | 30 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@131 | CP_QAM256 | 19.83 | -2.3 | 17.53 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 81@40 | DFT_BPSK | 26.68 | -2.3 | 24.38 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@1 | DFT_BPSK | 26.39 | -2.3 | 24.09 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@160 | DFT_BPSK | 26.33 | -2.3 | 24.03 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 81@40 | DFT_QPSK | 26.70 | -2.3 | 24.40 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@1 | DFT_QPSK | 26.23 | -2.3 | 23.93 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@160 | DFT_QPSK | 26.29 | -2.3 | 23.99 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 81@40 | DFT_QAM16 | 25.79 | -2.3 | 23.49 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@1 | DFT_QAM16 | 25.18 | -2.3 | 22.88 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@160 | DFT_QAM16 | 25.18 | -2.3 | 22.88 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 81@40 | DFT_QAM64 | 24.28 | -2.3 | 21.98 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@1 | DFT_QAM64 | 24.09 | -2.3 | 21.79 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@160 | DFT_QAM64 | 24.03 | -2.3 | 21.73 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 81@40 | DFT_QAM256 | 22.37 | -2.3 | 20.07 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@1 | DFT_QAM256 | 21.97 | -2.3 | 19.67 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@160 | DFT_QAM256 | 21.95 | -2.3 | 19.65 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 81@40 | CP_QPSK | 25.17 | -2.3 | 22.87 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@1 | CP_QPSK | 24.55 | -2.3 | 22.25 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@160 | CP_QPSK | 24.55 | -2.3 | 22.25 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 81@40 | CP_QAM16 | 24.79 | -2.3 | 22.49 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@1 | CP_QAM16 | 24.13 | -2.3 | 21.83 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@160 | CP_QAM16 | 24.16 | -2.3 | 21.86 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 81@40 | CP_QAM64 | 23.18 | -2.3 | 20.88 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@1 | CP_QAM64 | 23.08 | -2.3 | 20.78 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@160 | CP_QAM64 | 23.09 | -2.3 | 20.79 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 81@40 | CP_QAM256 | 20.31 | -2.3 | 18.01 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@1 | CP_QAM256 | 20.20 | -2.3 | 17.90 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@160 | CP_QAM256 | 20.21 | -2.3 | 17.91 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 81@40 | DFT_BPSK | 26.85 | -2.3 | 24.55 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@1 | DFT_BPSK | 26.37 | -2.3 | 24.07 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@160 | DFT_BPSK | 26.53 | -2.3 | 24.23 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 81@40 | DFT_QPSK | 26.93 | -2.3 | 24.63 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@1 | DFT_QPSK | 26.25 | -2.3 | 23.95 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@160 | DFT_QPSK | 26.40 | -2.3 | 24.10 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 81@40 | DFT_QAM16 | 25.96 | -2.3 | 23.66 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@1 | DFT_QAM16 | 25.40 | -2.3 | 23.10 | 30 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| n77(3700-3980) | 30 | 60 | 656000 | 1@160 | DFT_QAM16 | 25.53 | -2.3 | 23.23 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 81@40 | DFT_QAM64 | 24.37 | -2.3 | 22.07 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@1 | DFT_QAM64 | 24.00 | -2.3 | 21.70 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@160 | DFT_QAM64 | 24.08 | -2.3 | 21.78 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 81@40 | DFT_QAM256 | 22.44 | -2.3 | 20.14 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@1 | DFT_QAM256 | 21.91 | -2.3 | 19.61 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@160 | DFT_QAM256 | 22.00 | -2.3 | 19.70 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 81@40 | CP_QPSK | 25.39 | -2.3 | 23.09 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@1 | CP_QPSK | 24.85 | -2.3 | 22.55 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@160 | CP_QPSK | 24.93 | -2.3 | 22.63 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 81@40 | CP_QAM16 | 24.89 | -2.3 | 22.59 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@1 | CP_QAM16 | 24.26 | -2.3 | 21.96 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@160 | CP_QAM16 | 24.45 | -2.3 | 22.15 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 81@40 | CP_QAM64 | 23.36 | -2.3 | 21.06 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@1 | CP_QAM64 | 23.00 | -2.3 | 20.70 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@160 | CP_QAM64 | 23.26 | -2.3 | 20.96 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 81@40 | CP_QAM256 | 20.48 | -2.3 | 18.18 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@1 | CP_QAM256 | 20.32 | -2.3 | 18.02 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@160 | CP_QAM256 | 20.53 | -2.3 | 18.23 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 81@40 | DFT_BPSK | 26.72 | -2.3 | 24.42 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@1 | DFT_BPSK | 26.19 | -2.3 | 23.89 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@160 | DFT_BPSK | 26.33 | -2.3 | 24.03 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 81@40 | DFT_QPSK | 26.68 | -2.3 | 24.38 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@1 | DFT_QPSK | 26.11 | -2.3 | 23.81 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@160 | DFT_QPSK | 26.22 | -2.3 | 23.92 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 81@40 | DFT_QAM16 | 25.69 | -2.3 | 23.39 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@1 | DFT_QAM16 | 25.26 | -2.3 | 22.96 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@160 | DFT_QAM16 | 25.33 | -2.3 | 23.03 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 81@40 | DFT_QAM64 | 24.18 | -2.3 | 21.88 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@1 | DFT_QAM64 | 23.84 | -2.3 | 21.54 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@160 | DFT_QAM64 | 23.90 | -2.3 | 21.60 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 81@40 | DFT_QAM256 | 22.19 | -2.3 | 19.89 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@1 | DFT_QAM256 | 21.79 | -2.3 | 19.49 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@160 | DFT_QAM256 | 21.79 | -2.3 | 19.49 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 81@40 | CP_QPSK | 25.08 | -2.3 | 22.78 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@1 | CP_QPSK | 24.60 | -2.3 | 22.30 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@160 | CP_QPSK | 24.74 | -2.3 | 22.44 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 81@40 | CP_QAM16 | 24.64 | -2.3 | 22.34 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@1 | CP_QAM16 | 24.19 | -2.3 | 21.89 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@160 | CP_QAM16 | 24.18 | -2.3 | 21.88 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 81@40 | CP_QAM64 | 23.17 | -2.3 | 20.87 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@1 | CP_QAM64 | 22.90 | -2.3 | 20.60 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@160 | CP_QAM64 | 23.04 | -2.3 | 20.74 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 81@40 | CP_QAM256 | 20.27 | -2.3 | 17.97 | 30 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| n77(3700-3980) | 30 | 60 | 663332 | 1@1 | CP_QAM256 | 20.14 | -2.3 | 17.84 | 30 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@160 | CP_QAM256 | 20.23 | -2.3 | 17.93 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 108@54 | DFT_BPSK | 26.77 | -2.3 | 24.47 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@1 | DFT_BPSK | 26.25 | -2.3 | 23.95 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@215 | DFT_BPSK | 26.22 | -2.3 | 23.92 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 108@54 | DFT_QPSK | 26.80 | -2.3 | 24.50 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@1 | DFT_QPSK | 26.07 | -2.3 | 23.77 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@215 | DFT_QPSK | 26.05 | -2.3 | 23.75 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 108@54 | DFT_QAM16 | 25.86 | -2.3 | 23.56 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@1 | DFT_QAM16 | 25.27 | -2.3 | 22.97 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@215 | DFT_QAM16 | 25.21 | -2.3 | 22.91 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 108@54 | DFT_QAM64 | 24.32 | -2.3 | 22.02 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@1 | DFT_QAM64 | 23.92 | -2.3 | 21.62 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@215 | DFT_QAM64 | 23.91 | -2.3 | 21.61 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 108@54 | DFT_QAM256 | 22.36 | -2.3 | 20.06 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@1 | DFT_QAM256 | 21.78 | -2.3 | 19.48 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@215 | DFT_QAM256 | 21.77 | -2.3 | 19.47 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 109@54 | CP_QPSK | 25.27 | -2.3 | 22.97 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@1 | CP_QPSK | 24.72 | -2.3 | 22.42 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@215 | CP_QPSK | 24.63 | -2.3 | 22.33 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 109@54 | CP_QAM16 | 24.74 | -2.3 | 22.44 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@1 | CP_QAM16 | 24.08 | -2.3 | 21.78 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@215 | CP_QAM16 | 23.97 | -2.3 | 21.67 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 109@54 | CP_QAM64 | 23.24 | -2.3 | 20.94 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@1 | CP_QAM64 | 22.93 | -2.3 | 20.63 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@215 | CP_QAM64 | 22.97 | -2.3 | 20.67 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 109@54 | CP_QAM256 | 20.40 | -2.3 | 18.10 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@1 | CP_QAM256 | 20.01 | -2.3 | 17.71 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@215 | CP_QAM256 | 20.10 | -2.3 | 17.80 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 108@54 | DFT_BPSK | 26.95 | -2.3 | 24.65 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@1 | DFT_BPSK | 26.20 | -2.3 | 23.90 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@215 | DFT_BPSK | 26.31 | -2.3 | 24.01 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 108@54 | DFT_QPSK | 26.96 | -2.3 | 24.66 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@1 | DFT_QPSK | 26.09 | -2.3 | 23.79 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@215 | DFT_QPSK | 26.18 | -2.3 | 23.88 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 108@54 | DFT_QAM16 | 25.98 | -2.3 | 23.68 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@1 | DFT_QAM16 | 25.42 | -2.3 | 23.12 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@215 | DFT_QAM16 | 25.55 | -2.3 | 23.25 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 108@54 | DFT_QAM64 | 24.50 | -2.3 | 22.20 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@1 | DFT_QAM64 | 23.92 | -2.3 | 21.62 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@215 | DFT_QAM64 | 24.06 | -2.3 | 21.76 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 108@54 | DFT_QAM256 | 22.60 | -2.3 | 20.30 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@1 | DFT_QAM256 | 22.08 | -2.3 | 19.78 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@215 | DFT_QAM256 | 22.25 | -2.3 | 19.95 | 30 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| n77(3700-3980) | 30 | 80 | 656000 | 109@54 | CP_QPSK | 25.39 | -2.3 | 23.09 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@1 | CP_QPSK | 24.70 | -2.3 | 22.40 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@215 | CP_QPSK | 24.82 | -2.3 | 22.52 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 109@54 | CP_QAM16 | 24.95 | -2.3 | 22.65 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@1 | CP_QAM16 | 24.15 | -2.3 | 21.85 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@215 | CP_QAM16 | 24.65 | -2.3 | 22.35 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 109@54 | CP_QAM64 | 23.41 | -2.3 | 21.11 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@1 | CP_QAM64 | 23.05 | -2.3 | 20.75 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@215 | CP_QAM64 | 22.82 | -2.3 | 20.52 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 109@54 | CP_QAM256 | 20.55 | -2.3 | 18.25 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@1 | CP_QAM256 | 20.00 | -2.3 | 17.70 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@215 | CP_QAM256 | 20.26 | -2.3 | 17.96 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 108@54 | DFT_BPSK | 26.61 | -2.3 | 24.31 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@1 | DFT_BPSK | 26.02 | -2.3 | 23.72 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@215 | DFT_BPSK | 26.19 | -2.3 | 23.89 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 108@54 | DFT_QPSK | 26.61 | -2.3 | 24.31 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@1 | DFT_QPSK | 25.81 | -2.3 | 23.51 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@215 | DFT_QPSK | 26.04 | -2.3 | 23.74 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 108@54 | DFT_QAM16 | 25.61 | -2.3 | 23.31 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@1 | DFT_QAM16 | 25.04 | -2.3 | 22.74 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@215 | DFT_QAM16 | 25.14 | -2.3 | 22.84 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 108@54 | DFT_QAM64 | 24.16 | -2.3 | 21.86 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@1 | DFT_QAM64 | 23.71 | -2.3 | 21.41 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@215 | DFT_QAM64 | 23.88 | -2.3 | 21.58 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 108@54 | DFT_QAM256 | 22.19 | -2.3 | 19.89 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@1 | DFT_QAM256 | 21.72 | -2.3 | 19.42 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@215 | DFT_QAM256 | 21.86 | -2.3 | 19.56 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 109@54 | CP_QPSK | 25.02 | -2.3 | 22.72 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@1 | CP_QPSK | 24.51 | -2.3 | 22.21 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@215 | CP_QPSK | 24.66 | -2.3 | 22.36 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 109@54 | CP_QAM16 | 24.64 | -2.3 | 22.34 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@1 | CP_QAM16 | 23.96 | -2.3 | 21.66 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@215 | CP_QAM16 | 24.07 | -2.3 | 21.77 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 109@54 | CP_QAM64 | 23.09 | -2.3 | 20.79 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@1 | CP_QAM64 | 22.47 | -2.3 | 20.17 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@215 | CP_QAM64 | 22.53 | -2.3 | 20.23 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 109@54 | CP_QAM256 | 20.20 | -2.3 | 17.90 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@1 | CP_QAM256 | 19.92 | -2.3 | 17.62 | 30 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@215 | CP_QAM256 | 19.97 | -2.3 | 17.67 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 120@60 | DFT_BPSK | 26.77 | -2.3 | 24.47 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@1 | DFT_BPSK | 26.12 | -2.3 | 23.82 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@243 | DFT_BPSK | 26.08 | -2.3 | 23.78 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 120@60 | DFT_QPSK | 26.75 | -2.3 | 24.45 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@1 | DFT_QPSK | 25.93 | -2.3 | 23.63 | 30 | PASS |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| n77(3700-3980) | 30 | 90 | 649668 | 1@243 | DFT_QPSK | 25.89 | -2.3 | 23.59 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 120@60 | DFT_QAM16 | 25.76 | -2.3 | 23.46 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@1 | DFT_QAM16 | 25.15 | -2.3 | 22.85 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@243 | DFT_QAM16 | 25.08 | -2.3 | 22.78 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 120@60 | DFT_QAM64 | 24.30 | -2.3 | 22.00 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@1 | DFT_QAM64 | 24.03 | -2.3 | 21.73 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@243 | DFT_QAM64 | 23.54 | -2.3 | 21.24 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 120@60 | DFT_QAM256 | 22.36 | -2.3 | 20.06 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@1 | DFT_QAM256 | 21.56 | -2.3 | 19.26 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@243 | DFT_QAM256 | 21.84 | -2.3 | 19.54 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 123@61 | CP_QPSK | 25.21 | -2.3 | 22.91 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@1 | CP_QPSK | 24.63 | -2.3 | 22.33 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@243 | CP_QPSK | 24.61 | -2.3 | 22.31 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 123@61 | CP_QAM16 | 24.66 | -2.3 | 22.36 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@1 | CP_QAM16 | 23.95 | -2.3 | 21.65 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@243 | CP_QAM16 | 23.97 | -2.3 | 21.67 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 123@61 | CP_QAM64 | 23.27 | -2.3 | 20.97 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@1 | CP_QAM64 | 22.37 | -2.3 | 20.07 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@243 | CP_QAM64 | 22.42 | -2.3 | 20.12 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 123@61 | CP_QAM256 | 20.25 | -2.3 | 17.95 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@1 | CP_QAM256 | 19.84 | -2.3 | 17.54 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@243 | CP_QAM256 | 19.96 | -2.3 | 17.66 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 120@60 | DFT_BPSK | 26.90 | -2.3 | 24.60 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@1 | DFT_BPSK | 26.08 | -2.3 | 23.78 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@243 | DFT_BPSK | 26.07 | -2.3 | 23.77 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 120@60 | DFT_QPSK | 26.86 | -2.3 | 24.56 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@1 | DFT_QPSK | 26.00 | -2.3 | 23.70 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@243 | DFT_QPSK | 26.02 | -2.3 | 23.72 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 120@60 | DFT_QAM16 | 25.87 | -2.3 | 23.57 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@1 | DFT_QAM16 | 25.08 | -2.3 | 22.78 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@243 | DFT_QAM16 | 25.16 | -2.3 | 22.86 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 120@60 | DFT_QAM64 | 24.43 | -2.3 | 22.13 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@1 | DFT_QAM64 | 24.02 | -2.3 | 21.72 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@243 | DFT_QAM64 | 23.82 | -2.3 | 21.52 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 120@60 | DFT_QAM256 | 22.41 | -2.3 | 20.11 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@1 | DFT_QAM256 | 21.87 | -2.3 | 19.57 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@243 | DFT_QAM256 | 21.84 | -2.3 | 19.54 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 123@61 | CP_QPSK | 25.35 | -2.3 | 23.05 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@1 | CP_QPSK | 24.58 | -2.3 | 22.28 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@243 | CP_QPSK | 24.66 | -2.3 | 22.36 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 123@61 | CP_QAM16 | 24.83 | -2.3 | 22.53 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@1 | CP_QAM16 | 24.27 | -2.3 | 21.97 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@243 | CP_QAM16 | 24.32 | -2.3 | 22.02 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 123@61 | CP_QAM64 | 23.43 | -2.3 | 21.13 | 30 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| n77(3700-3980) | 30 | 90 | 656000 | 1@1 | CP_QAM64 | 22.53 | -2.3 | 20.23 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@243 | CP_QAM64 | 22.92 | -2.3 | 20.62 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 123@61 | CP_QAM256 | 20.39 | -2.3 | 18.09 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@1 | CP_QAM256 | 19.93 | -2.3 | 17.63 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@243 | CP_QAM256 | 19.39 | -2.3 | 17.09 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 120@60 | DFT_BPSK | 26.60 | -2.3 | 24.30 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@1 | DFT_BPSK | 25.94 | -2.3 | 23.64 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@243 | DFT_BPSK | 26.03 | -2.3 | 23.73 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 120@60 | DFT_QPSK | 26.57 | -2.3 | 24.27 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@1 | DFT_QPSK | 25.92 | -2.3 | 23.62 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@243 | DFT_QPSK | 25.93 | -2.3 | 23.63 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 120@60 | DFT_QAM16 | 25.62 | -2.3 | 23.32 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@1 | DFT_QAM16 | 25.09 | -2.3 | 22.79 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@243 | DFT_QAM16 | 25.01 | -2.3 | 22.71 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 120@60 | DFT_QAM64 | 24.15 | -2.3 | 21.85 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@1 | DFT_QAM64 | 23.71 | -2.3 | 21.41 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@243 | DFT_QAM64 | 24.01 | -2.3 | 21.71 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 120@60 | DFT_QAM256 | 22.19 | -2.3 | 19.89 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@1 | DFT_QAM256 | 21.72 | -2.3 | 19.42 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@243 | DFT_QAM256 | 21.81 | -2.3 | 19.51 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 123@61 | CP_QPSK | 25.09 | -2.3 | 22.79 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@1 | CP_QPSK | 24.45 | -2.3 | 22.15 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@243 | CP_QPSK | 24.55 | -2.3 | 22.25 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 123@61 | CP_QAM16 | 24.62 | -2.3 | 22.32 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@1 | CP_QAM16 | 24.06 | -2.3 | 21.76 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@243 | CP_QAM16 | 23.95 | -2.3 | 21.65 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 123@61 | CP_QAM64 | 23.06 | -2.3 | 20.76 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@1 | CP_QAM64 | 22.78 | -2.3 | 20.48 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@243 | CP_QAM64 | 22.55 | -2.3 | 20.25 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 123@61 | CP_QAM256 | 20.12 | -2.3 | 17.82 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@1 | CP_QAM256 | 19.23 | -2.3 | 16.93 | 30 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@243 | CP_QAM256 | 19.31 | -2.3 | 17.01 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 135@67 | DFT_BPSK | 26.66 | -2.3 | 24.36 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@1 | DFT_BPSK | 25.86 | -2.3 | 23.56 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@271 | DFT_BPSK | 25.84 | -2.3 | 23.54 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 135@67 | DFT_QPSK | 26.69 | -2.3 | 24.39 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@1 | DFT_QPSK | 25.63 | -2.3 | 23.33 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@271 | DFT_QPSK | 25.77 | -2.3 | 23.47 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 135@67 | DFT_QAM16 | 25.74 | -2.3 | 23.44 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@1 | DFT_QAM16 | 25.06 | -2.3 | 22.76 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@271 | DFT_QAM16 | 25.08 | -2.3 | 22.78 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 135@67 | DFT_QAM64 | 24.25 | -2.3 | 21.95 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@1 | DFT_QAM64 | 23.55 | -2.3 | 21.25 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@271 | DFT_QAM64 | 23.64 | -2.3 | 21.34 | 30 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| n77(3700-3980) | 30 | 100 | 650000 | 135@67 | DFT_QAM256 | 22.27 | -2.3 | 19.97 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@1 | DFT_QAM256 | 21.37 | -2.3 | 19.07 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@271 | DFT_QAM256 | 21.39 | -2.3 | 19.09 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 137@68 | CP_QPSK | 25.20 | -2.3 | 22.90 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@1 | CP_QPSK | 24.10 | -2.3 | 21.80 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@271 | CP_QPSK | 24.09 | -2.3 | 21.79 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 137@68 | CP_QAM16 | 24.73 | -2.3 | 22.43 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@1 | CP_QAM16 | 23.71 | -2.3 | 21.41 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@271 | CP_QAM16 | 23.77 | -2.3 | 21.47 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 137@68 | CP_QAM64 | 23.23 | -2.3 | 20.93 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@1 | CP_QAM64 | 22.55 | -2.3 | 20.25 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@271 | CP_QAM64 | 22.62 | -2.3 | 20.32 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 137@68 | CP_QAM256 | 20.24 | -2.3 | 17.94 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@1 | CP_QAM256 | 19.60 | -2.3 | 17.30 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@271 | CP_QAM256 | 19.74 | -2.3 | 17.44 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_BPSK | 26.85 | -2.3 | 24.55 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@1 | DFT_BPSK | 25.70 | -2.3 | 23.40 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@271 | DFT_BPSK | 25.77 | -2.3 | 23.47 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_QPSK | 26.87 | -2.3 | 24.57 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@1 | DFT_QPSK | 25.61 | -2.3 | 23.31 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@271 | DFT_QPSK | 25.57 | -2.3 | 23.27 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_QAM16 | 25.93 | -2.3 | 23.63 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@1 | DFT_QAM16 | 24.92 | -2.3 | 22.62 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@271 | DFT_QAM16 | 25.09 | -2.3 | 22.79 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_QAM64 | 24.41 | -2.3 | 22.11 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@1 | DFT_QAM64 | 23.80 | -2.3 | 21.50 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@271 | DFT_QAM64 | 23.46 | -2.3 | 21.16 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_QAM256 | 22.52 | -2.3 | 20.22 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@1 | DFT_QAM256 | 21.44 | -2.3 | 19.14 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@271 | DFT_QAM256 | 21.56 | -2.3 | 19.26 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 137@68 | CP_QPSK | 25.32 | -2.3 | 23.02 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@1 | CP_QPSK | 24.17 | -2.3 | 21.87 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@271 | CP_QPSK | 24.06 | -2.3 | 21.76 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 137@68 | CP_QAM16 | 24.87 | -2.3 | 22.57 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@1 | CP_QAM16 | 23.54 | -2.3 | 21.24 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@271 | CP_QAM16 | 23.59 | -2.3 | 21.29 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 137@68 | CP_QAM64 | 23.37 | -2.3 | 21.07 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@1 | CP_QAM64 | 22.55 | -2.3 | 20.25 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@271 | CP_QAM64 | 22.55 | -2.3 | 20.25 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 137@68 | CP_QAM256 | 20.38 | -2.3 | 18.08 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@1 | CP_QAM256 | 19.57 | -2.3 | 17.27 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@271 | CP_QAM256 | 19.08 | -2.3 | 16.78 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 135@67 | DFT_BPSK | 26.61 | -2.3 | 24.31 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@1 | DFT_BPSK | 25.99 | -2.3 | 23.69 | 30 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| n77(3700-3980) | 30 | 100 | 662000 | 1@271 | DFT_BPSK | 25.81 | -2.3 | 23.51 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 135@67 | DFT_QPSK | 26.60 | -2.3 | 24.30 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@1 | DFT_QPSK | 25.77 | -2.3 | 23.47 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@271 | DFT_QPSK | 25.63 | -2.3 | 23.33 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 135@67 | DFT_QAM16 | 25.61 | -2.3 | 23.31 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@1 | DFT_QAM16 | 25.22 | -2.3 | 22.92 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@271 | DFT_QAM16 | 24.98 | -2.3 | 22.68 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 135@67 | DFT_QAM64 | 24.09 | -2.3 | 21.79 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@1 | DFT_QAM64 | 23.69 | -2.3 | 21.39 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@271 | DFT_QAM64 | 23.47 | -2.3 | 21.17 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 135@67 | DFT_QAM256 | 22.09 | -2.3 | 19.79 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@1 | DFT_QAM256 | 21.46 | -2.3 | 19.16 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@271 | DFT_QAM256 | 21.31 | -2.3 | 19.01 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 137@68 | CP_QPSK | 25.07 | -2.3 | 22.77 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@1 | CP_QPSK | 24.27 | -2.3 | 21.97 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@271 | CP_QPSK | 24.25 | -2.3 | 21.95 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 137@68 | CP_QAM16 | 24.55 | -2.3 | 22.25 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@1 | CP_QAM16 | 23.82 | -2.3 | 21.52 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@271 | CP_QAM16 | 23.70 | -2.3 | 21.40 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 137@68 | CP_QAM64 | 23.03 | -2.3 | 20.73 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@1 | CP_QAM64 | 22.72 | -2.3 | 20.42 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@271 | CP_QAM64 | 22.59 | -2.3 | 20.29 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 137@68 | CP_QAM256 | 20.07 | -2.3 | 17.77 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@1 | CP_QAM256 | 19.83 | -2.3 | 17.53 | 30 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@271 | CP_QAM256 | 19.70 | -2.3 | 17.40 | 30 | PASS |

# 2 Frequency stability for NR FR1

**NT:**

| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Voltage (Vdc) | Result(Hz) | Result (ppm) | Limit (ppm) | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_BPSK | 3.87 | -35.57 | -0.01 | Within authorized band for 5G NR n77 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_BPSK | 3.45 | -31.39 | -0.01 | | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_BPSK | 4.45 | -26.87 | -0.01 | | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_QPSK | 3.87 | -35.73 | -0.01 | | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_QPSK | 3.45 | -28.89 | -0.01 | | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_QPSK | 4.45 | -25.73 | -0.01 | | PASS |

*Note: Only the worst case shown in the report.*

**NV:**

| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Voltage (Vdc) | Result(Hz) | Result (ppm) | Limit (ppm) | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_BPSK | -30 | -35.96 | -0.01 | Within authorized band for 5G NR n77 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_BPSK | -20 | -31.65 | -0.01 | | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_BPSK | -10 | -27.11 | -0.01 | | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_BPSK | 0 | -35.55 | -0.01 | | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_BPSK | 10 | -29.28 | -0.01 | | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_BPSK | 20 | -25.42 | -0.01 | | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_BPSK | 30 | -36.24 | -0.01 | | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_BPSK | 40 | -31.45 | -0.01 | | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_BPSK | 50 | -27.03 | -0.01 | | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_QPSK | -30 | -36.04 | -0.01 | | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_QPSK | -20 | -29.43 | -0.01 | | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_QPSK | -10 | -35.88 | -0.01 | | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_QPSK | 0 | -32.12 | -0.01 | | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_QPSK | 10 | -27.25 | -0.01 | | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_QPSK | 20 | -35.8 | -0.01 | | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_QPSK | 30 | -32.11 | -0.01 | | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_QPSK | 40 | -27.56 | -0.01 | | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_QPSK | 50 | -28.52 | -0.01 | | PASS |

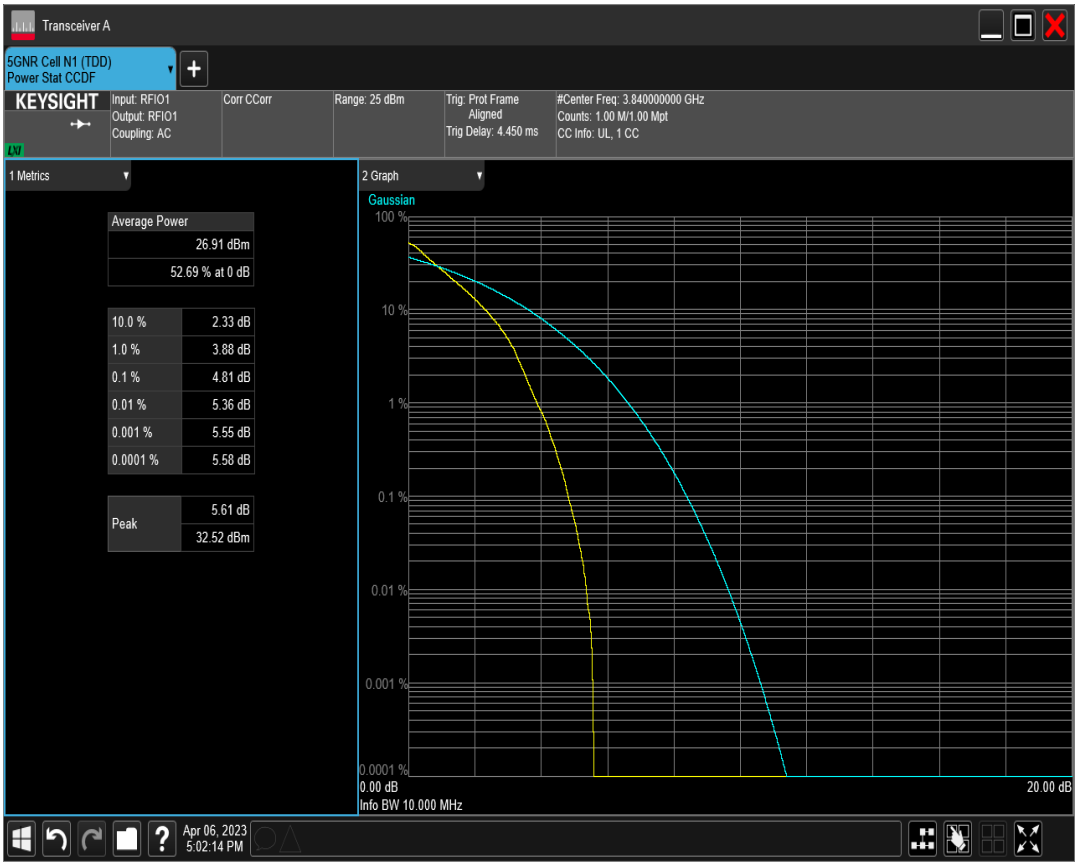
*Note: Only the worst case shown in the report.*

# 3 Peak-to-Average Ratio for NR FR1

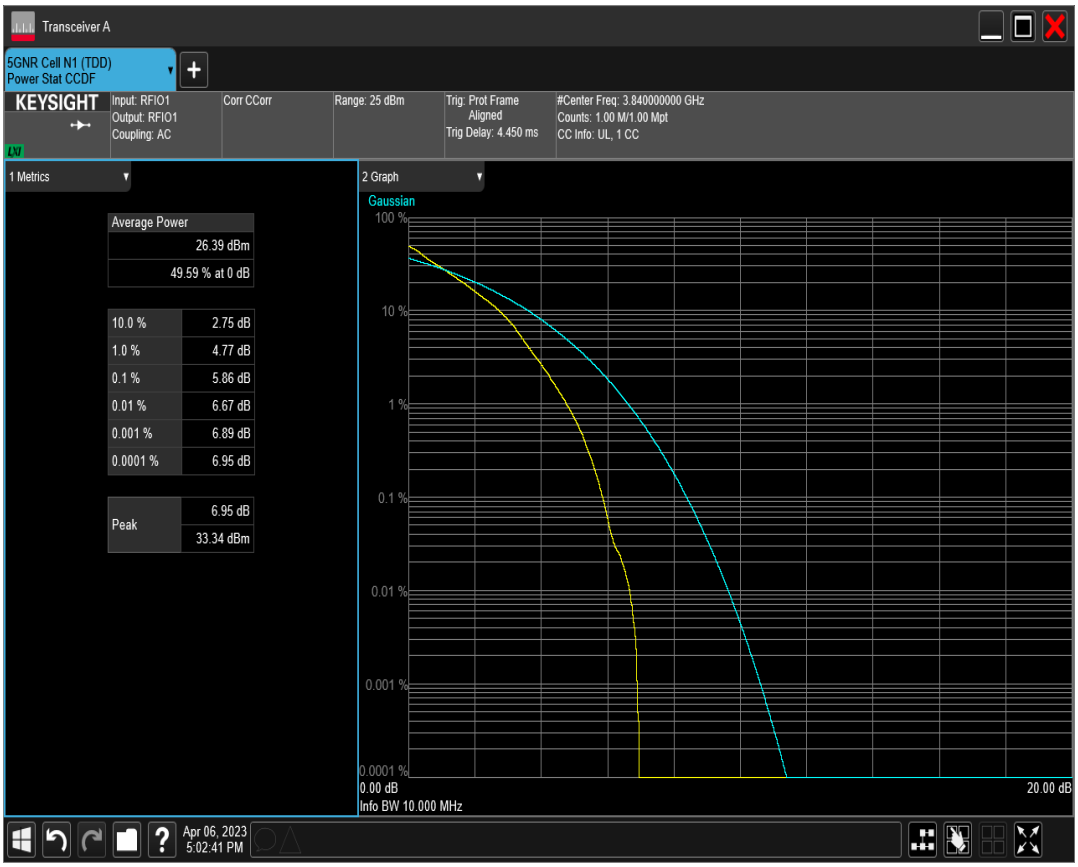
| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Result (dB) | high Limit (dB) | Verdict |
|---|---|---|---|---|---|---|---|---|
| n77(3700-3980) | 30 | 10 | 656000 | 24@0 | DFT_BPSK | 4.81 | 13 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 24@0 | DFT_QPSK | 5.86 | 13 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 24@0 | DFT_QAM16 | 6.64 | 13 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 24@0 | DFT_QAM64 | 6.76 | 13 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 24@0 | DFT_QAM256 | 6.91 | 13 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 36@0 | DFT_BPSK | 4.77 | 13 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 36@0 | DFT_QPSK | 5.98 | 13 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 36@0 | DFT_QAM16 | 6.69 | 13 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 36@0 | DFT_QAM64 | 6.94 | 13 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 36@0 | DFT_QAM256 | 7.05 | 13 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 50@0 | DFT_BPSK | 4.75 | 13 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 50@0 | DFT_QPSK | 5.93 | 13 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 50@0 | DFT_QAM16 | 6.82 | 13 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 50@0 | DFT_QAM64 | 6.82 | 13 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 50@0 | DFT_QAM256 | 6.97 | 13 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 75@0 | DFT_BPSK | 4.75 | 13 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 75@0 | DFT_QPSK | 5.89 | 13 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 75@0 | DFT_QAM16 | 6.75 | 13 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 75@0 | DFT_QAM64 | 6.98 | 13 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 75@0 | DFT_QAM256 | 7.12 | 13 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 100@0 | DFT_BPSK | 4.76 | 13 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 100@0 | DFT_QPSK | 5.96 | 13 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 100@0 | DFT_QAM16 | 6.72 | 13 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 100@0 | DFT_QAM64 | 6.95 | 13 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 100@0 | DFT_QAM256 | 7.17 | 13 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 128@0 | DFT_BPSK | 5.09 | 13 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 128@0 | DFT_QPSK | 6.00 | 13 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 128@0 | DFT_QAM16 | 6.73 | 13 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 128@0 | DFT_QAM64 | 6.83 | 13 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 128@0 | DFT_QAM256 | 6.92 | 13 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 162@0 | DFT_BPSK | 4.68 | 13 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 162@0 | DFT_QPSK | 5.95 | 13 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 162@0 | DFT_QAM16 | 6.82 | 13 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 162@0 | DFT_QAM64 | 6.86 | 13 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 162@0 | DFT_QAM256 | 7.08 | 13 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 216@0 | DFT_BPSK | 5.34 | 13 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 216@0 | DFT_QPSK | 6.02 | 13 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 216@0 | DFT_QAM16 | 6.69 | 13 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 216@0 | DFT_QAM64 | 6.88 | 13 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| n77(3700-3980) | 30 | 80 | 656000 | 216@0 | DFT_QAM256 | 6.94 | 13 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 240@0 | DFT_BPSK | 5.00 | 13 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 240@0 | DFT_QPSK | 5.92 | 13 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 240@0 | DFT_QAM16 | 6.75 | 13 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 240@0 | DFT_QAM64 | 6.95 | 13 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 240@0 | DFT_QAM256 | 7.14 | 13 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 270@0 | DFT_BPSK | 5.39 | 13 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 270@0 | DFT_QPSK | 5.95 | 13 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 270@0 | DFT_QAM16 | 6.73 | 13 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 270@0 | DFT_QAM64 | 6.94 | 13 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 270@0 | DFT_QAM256 | 6.89 | 13 | PASS |

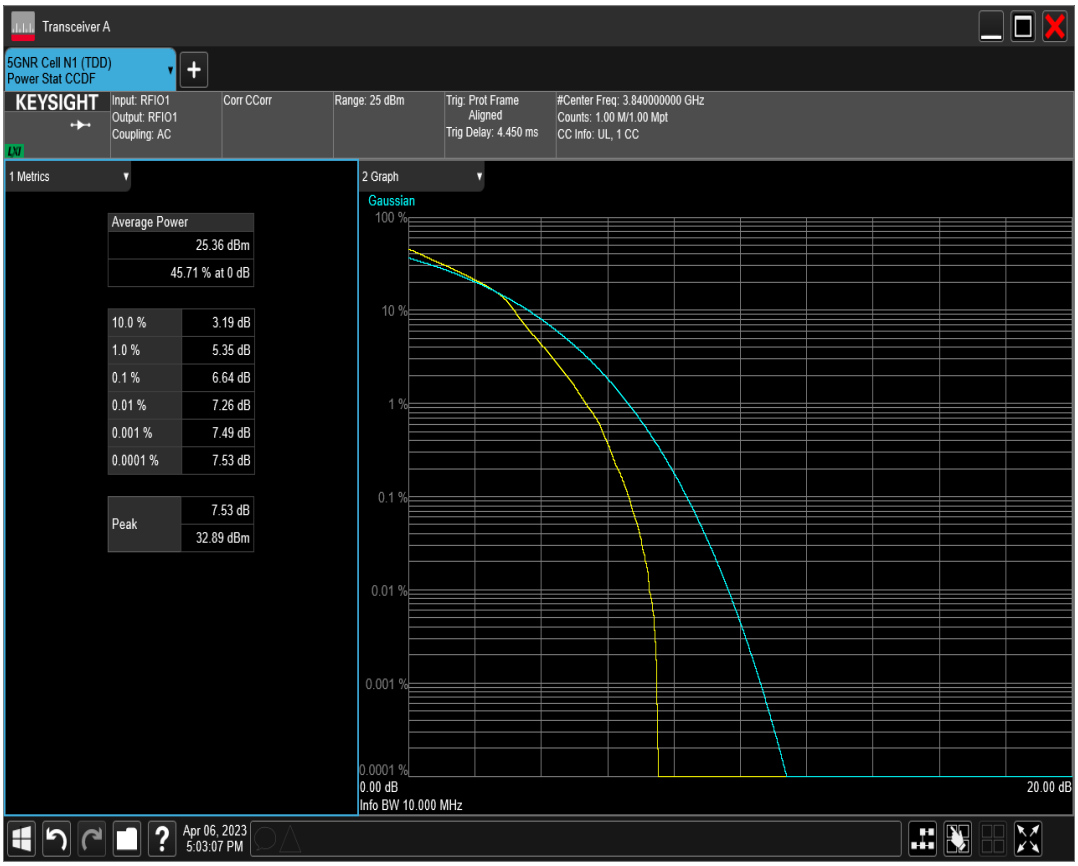
n77(3700-3980) SCS=30kHz DFT_BPSK BW=10MHz Channel=656000 RB=24@0



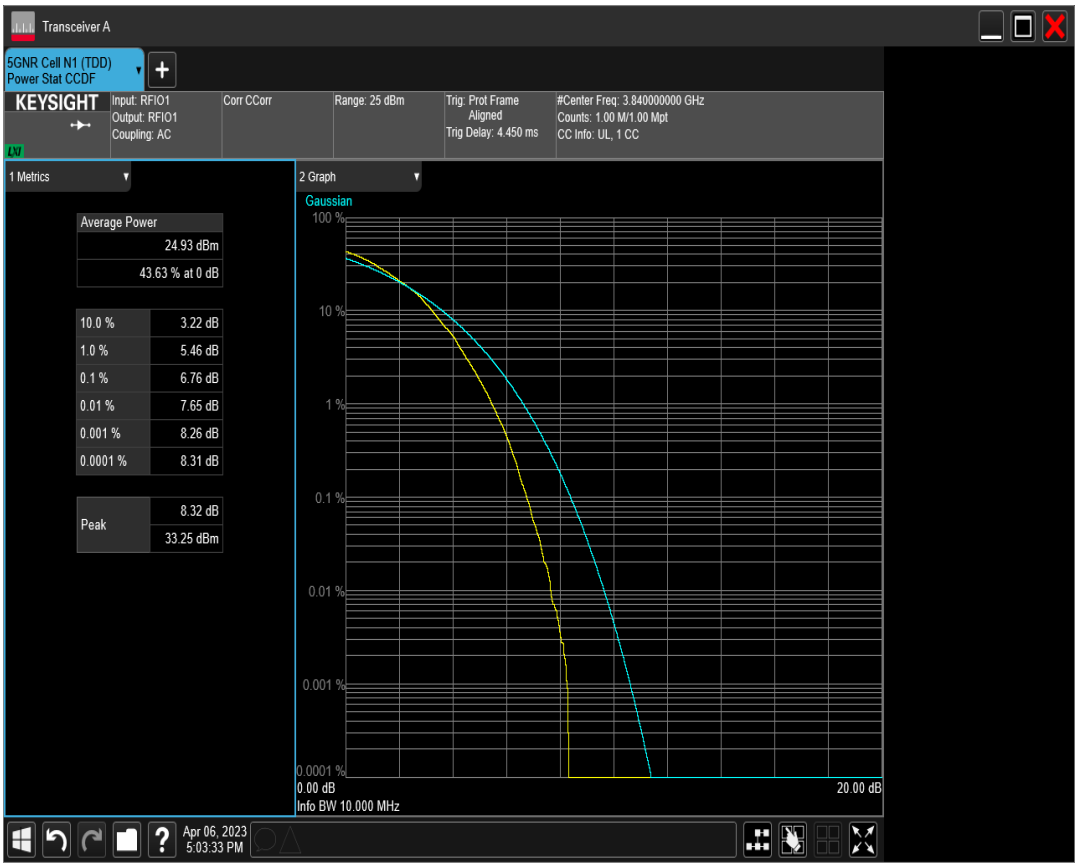

n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=656000 RB=24@0



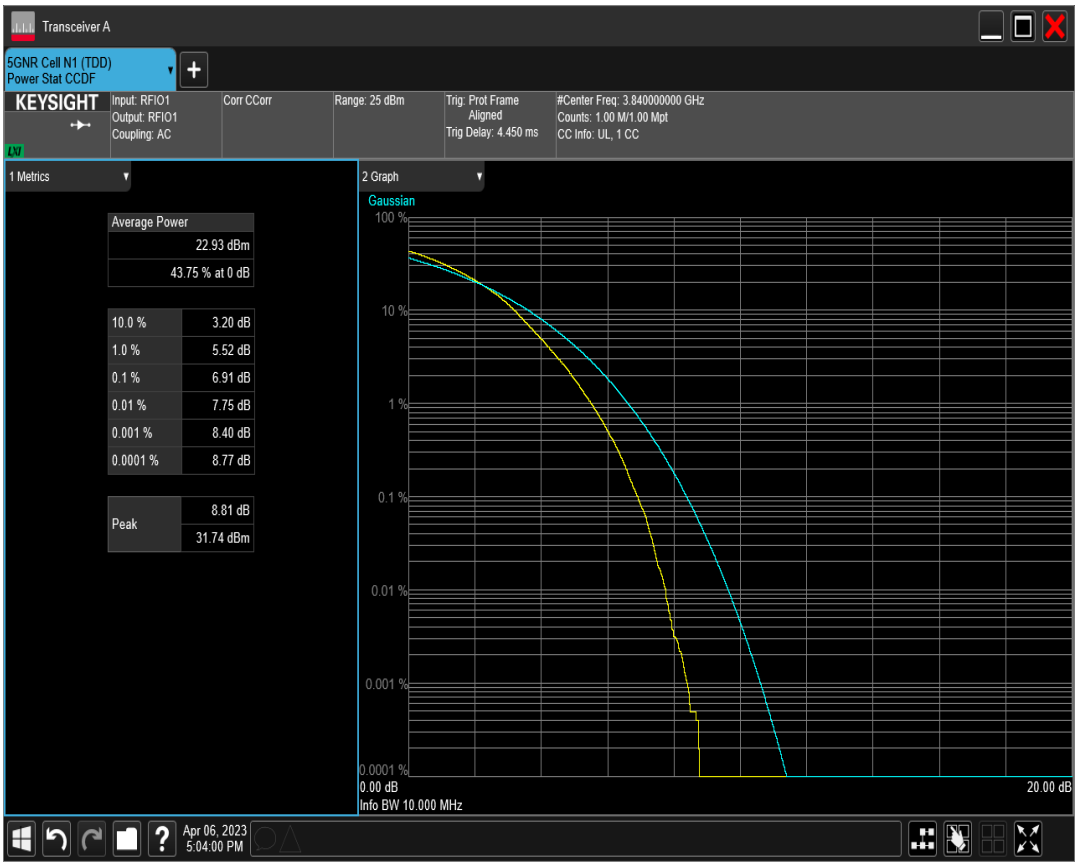

n77(3700-3980) SCS=30kHz DFT_QAM16 BW=10MHz Channel=656000 RB=24@0



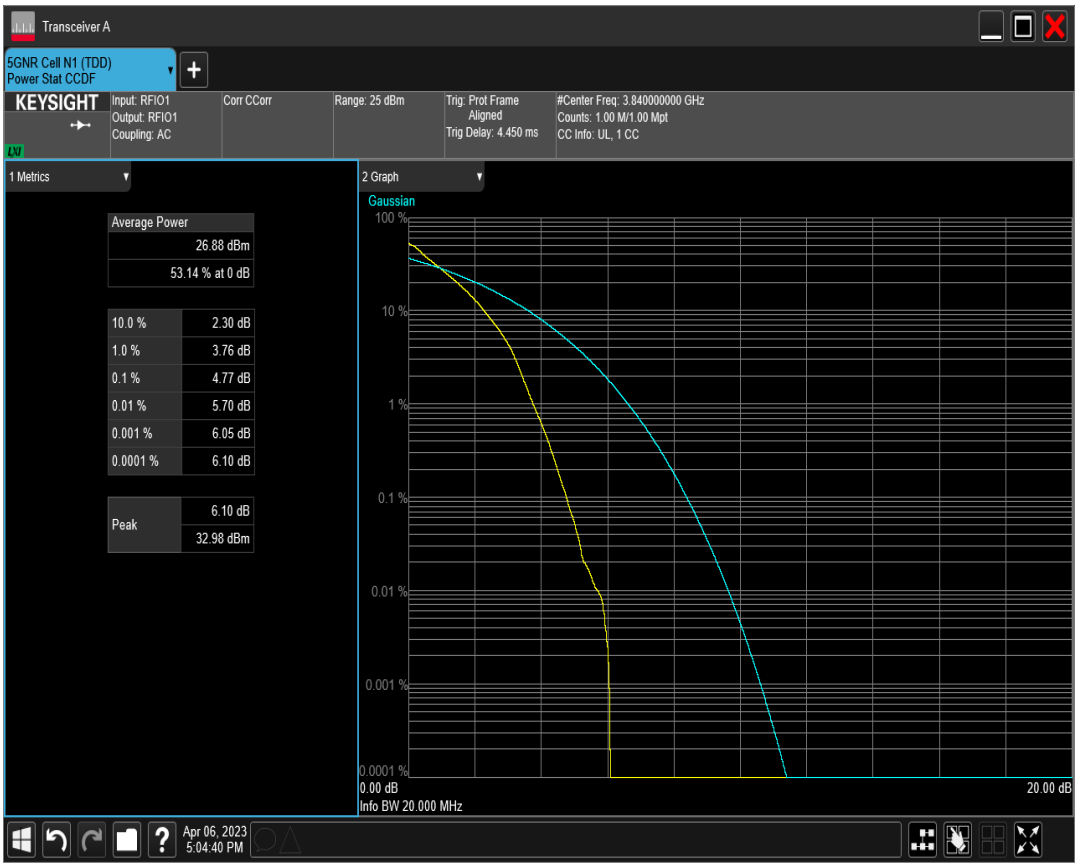

n77(3700-3980) SCS=30kHz DFT_QAM64 BW=10MHz Channel=656000 RB=24@0



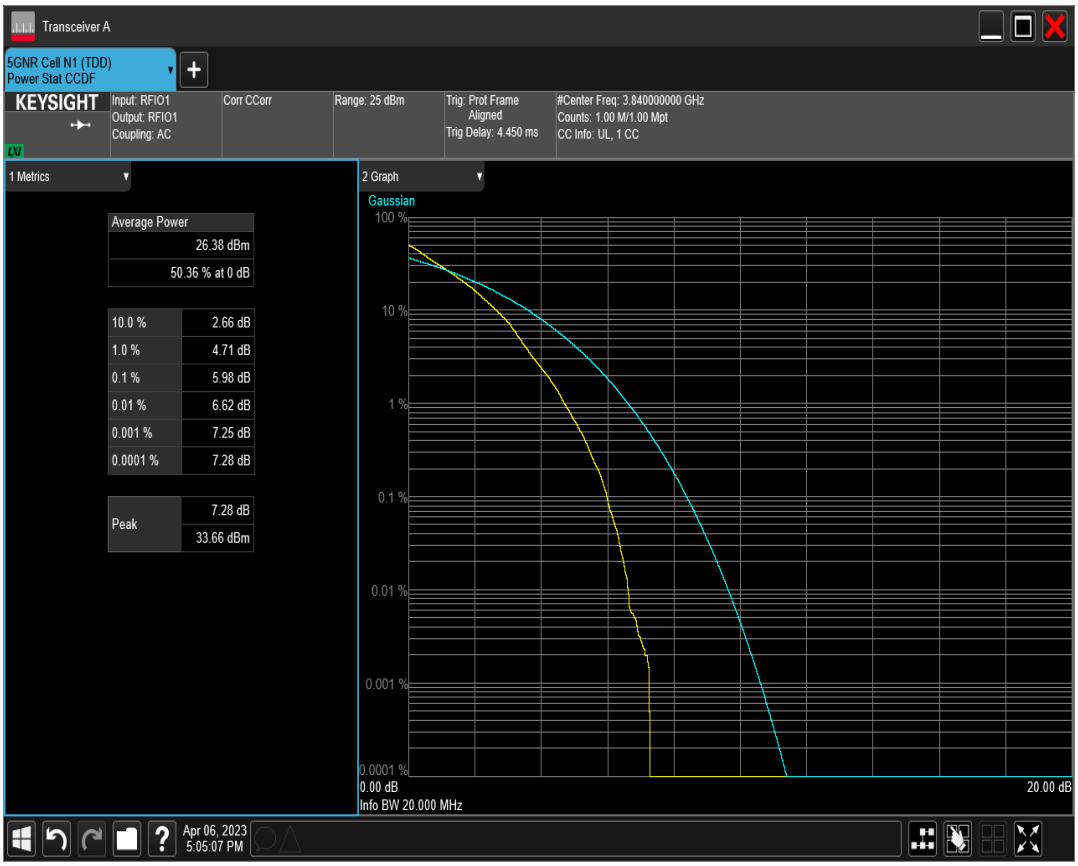

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=10MHz Channel=656000 RB=24@0



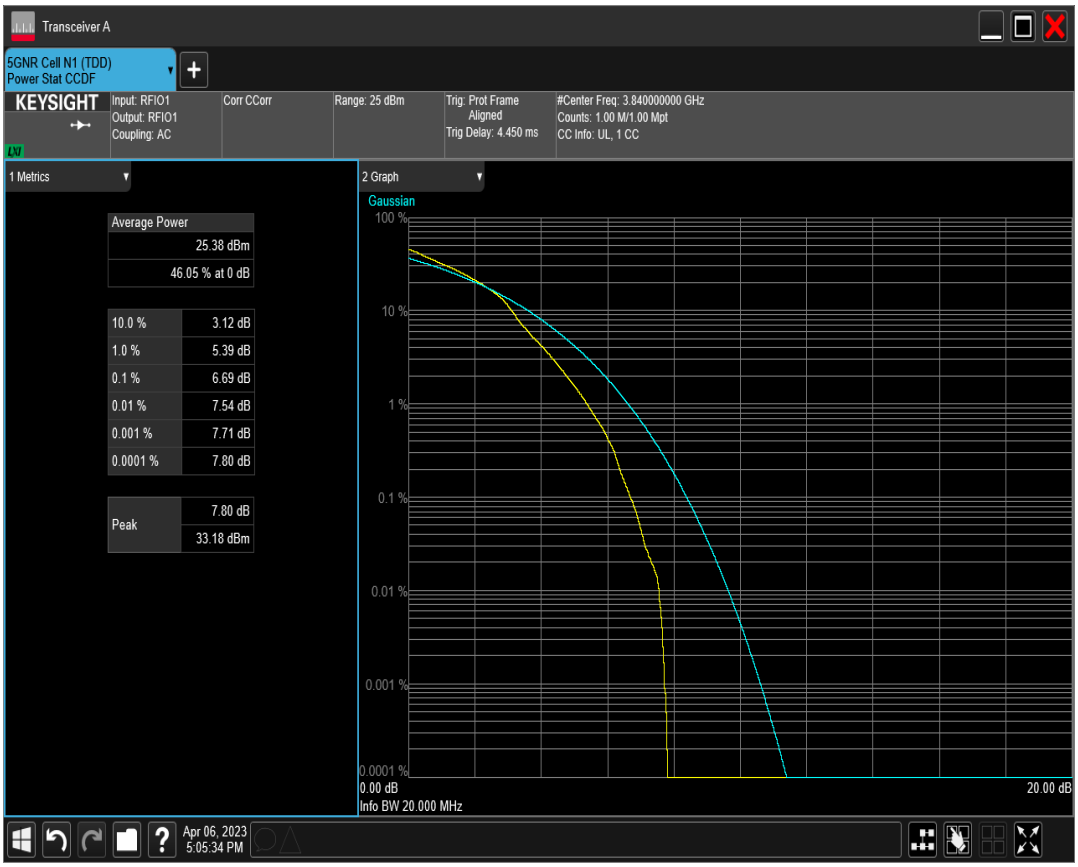

n77(3700-3980) SCS=30kHz DFT_BPSK BW=15MHz Channel=656000 RB=36@0



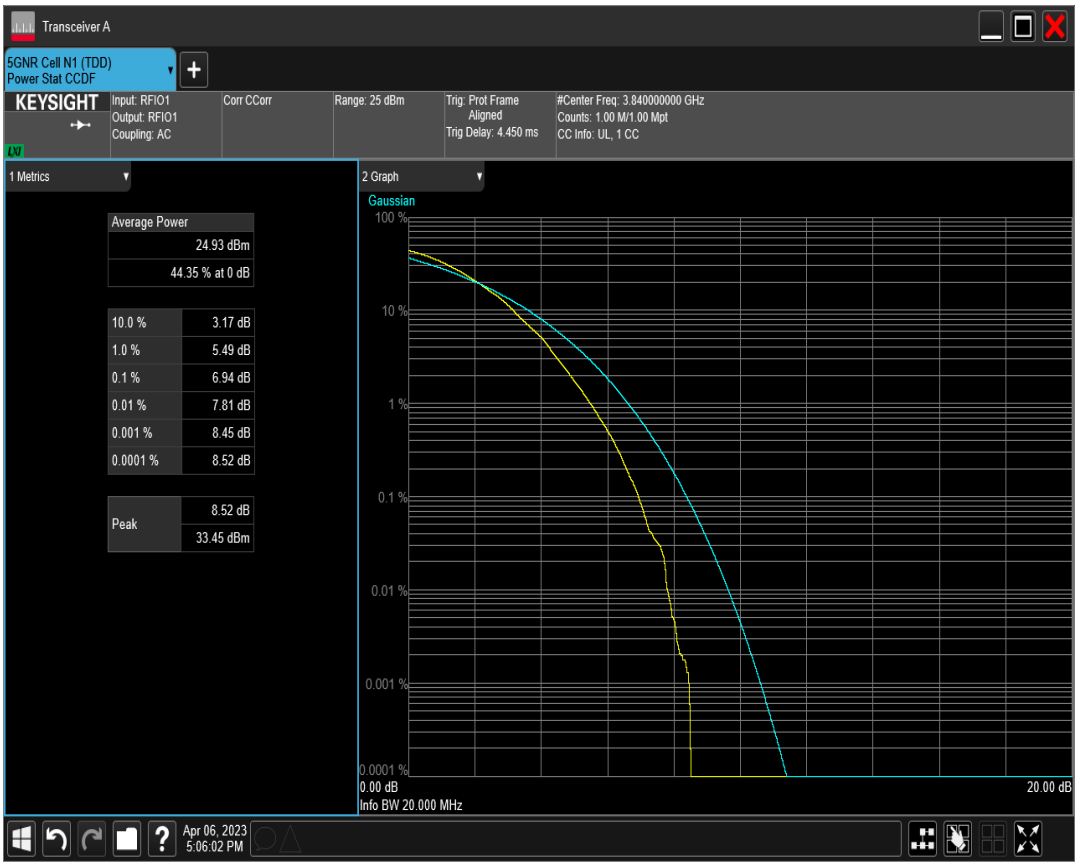

n77(3700-3980) SCS=30kHz DFT_QPSK BW=15MHz Channel=656000 RB=36@0



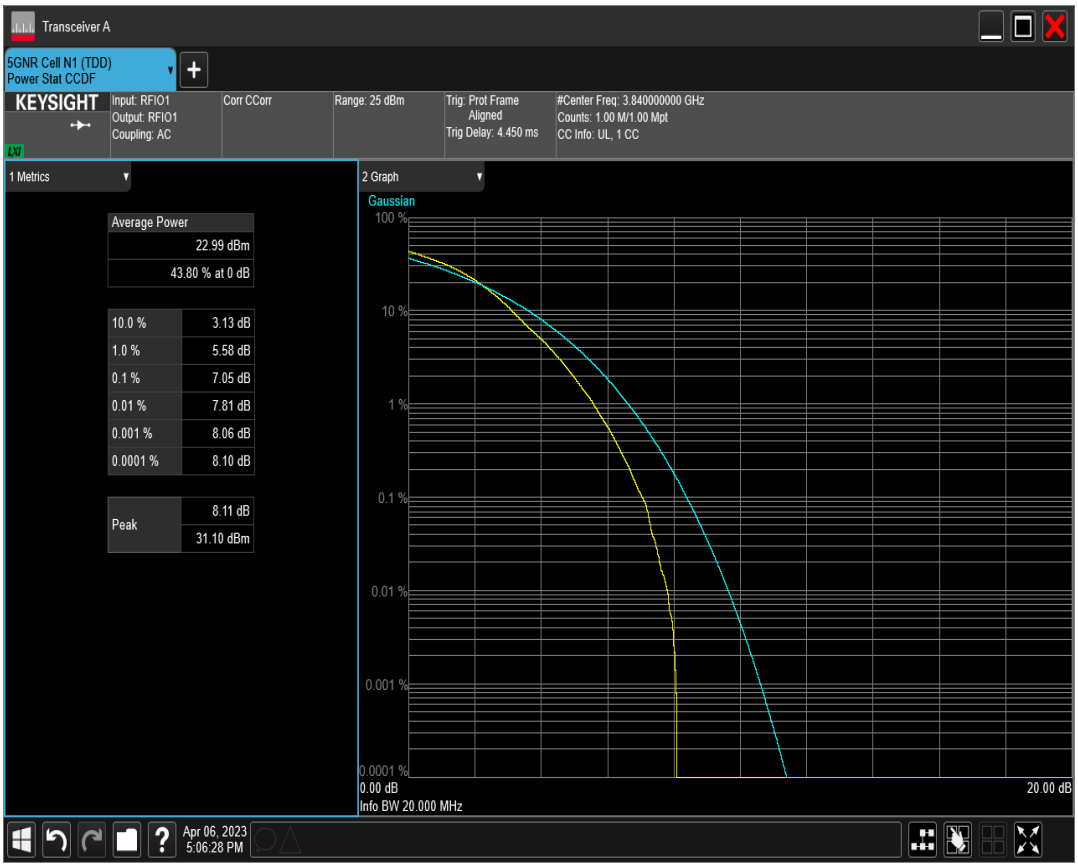

n77(3700-3980) SCS=30kHz DFT_QAM16 BW=15MHz Channel=656000 RB=36@0



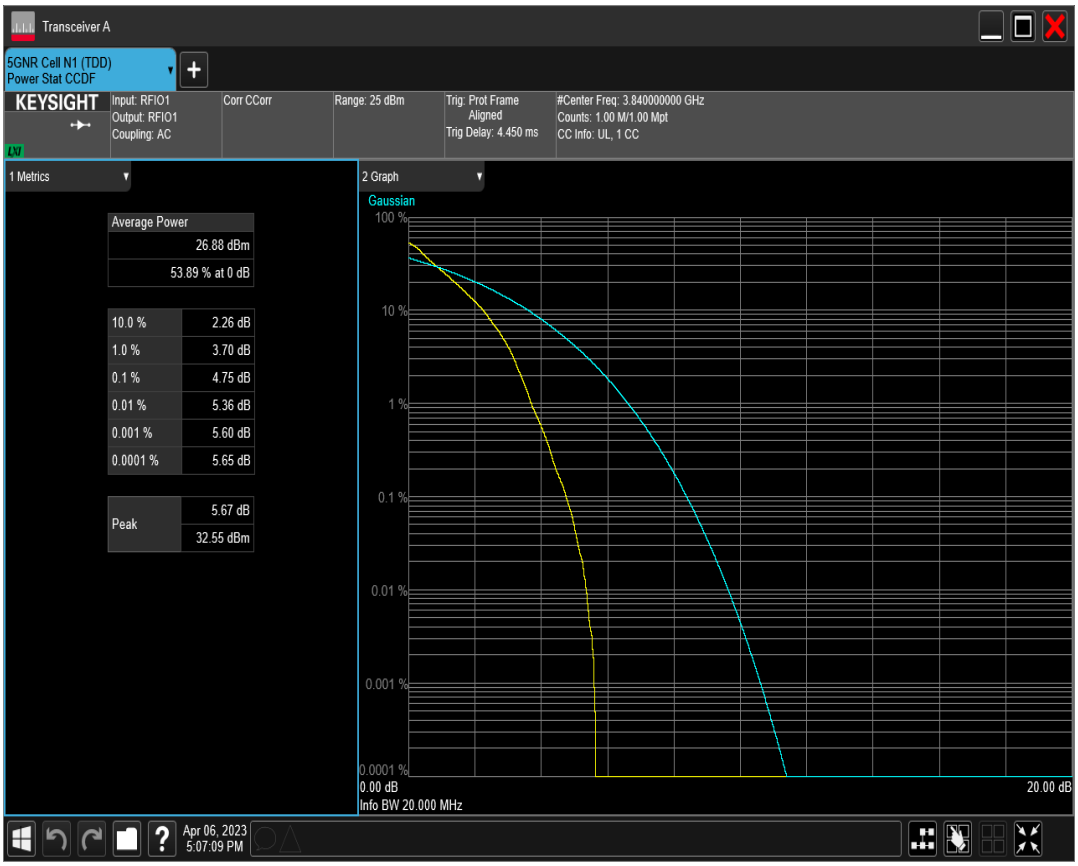

n77(3700-3980) SCS=30kHz DFT_QAM64 BW=15MHz Channel=656000 RB=36@0



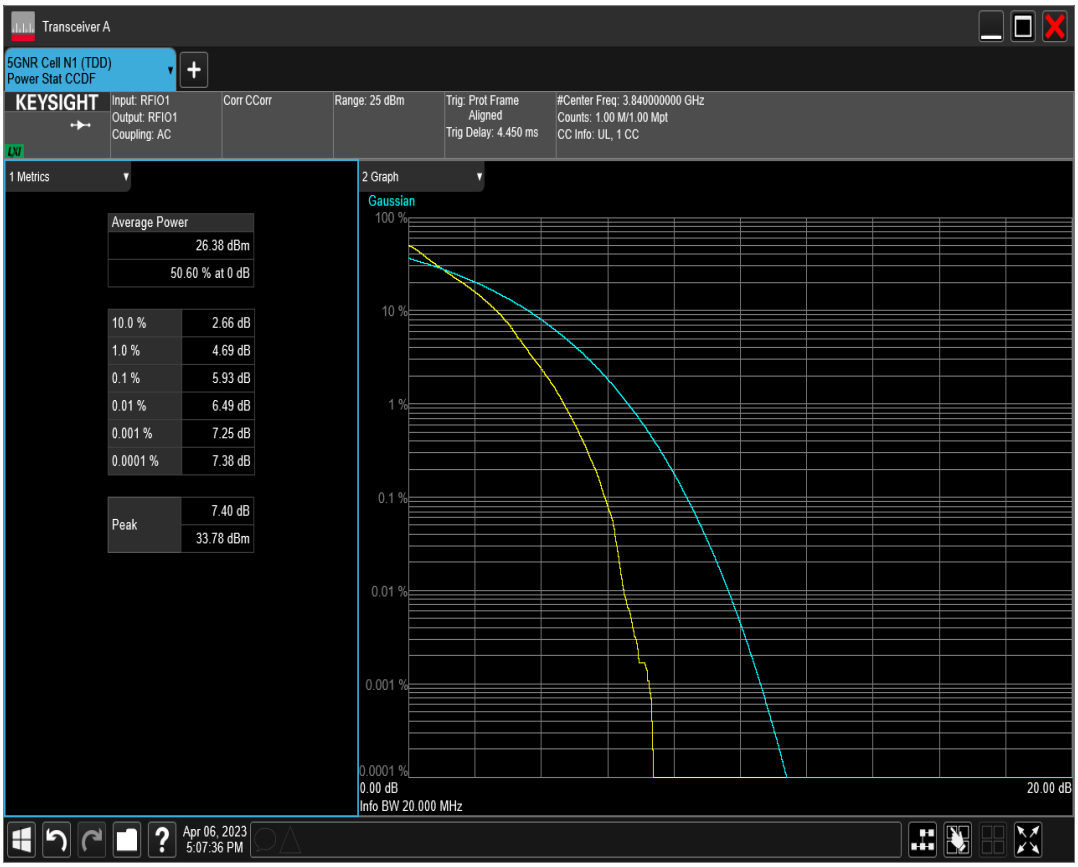

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=15MHz Channel=656000 RB=36@0



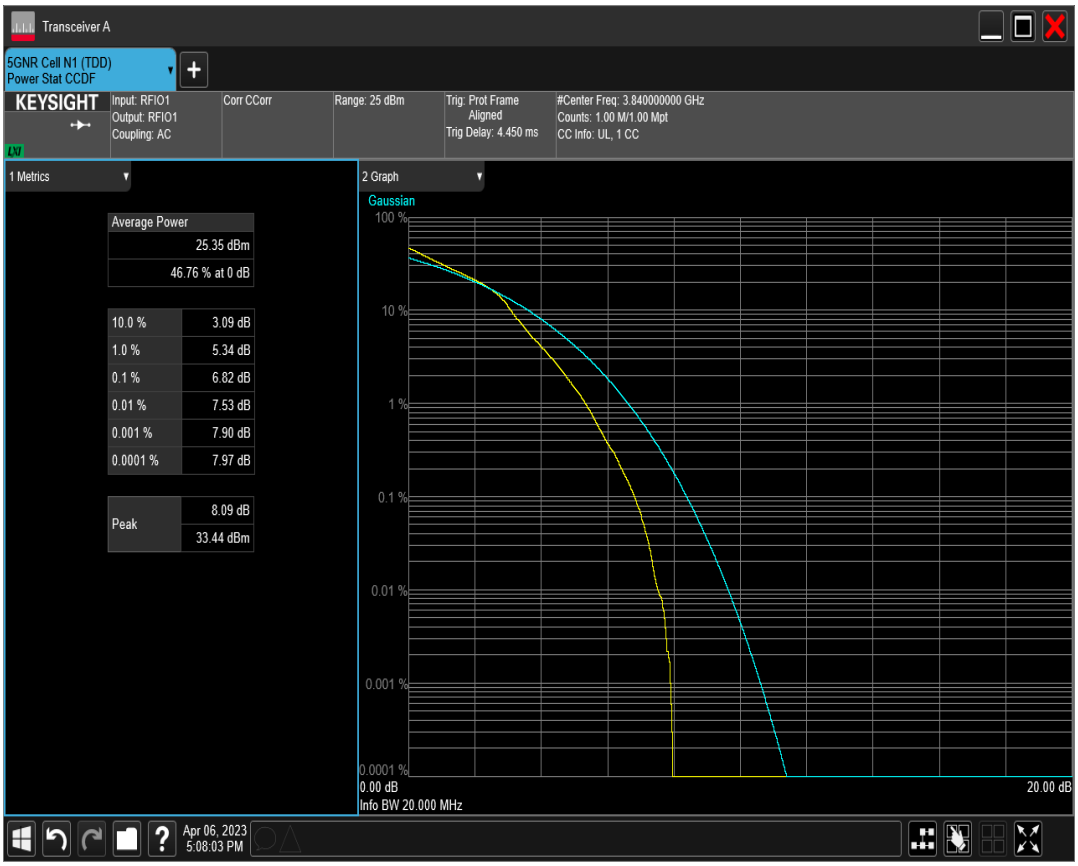

n77(3700-3980) SCS=30kHz DFT_BPSK BW=20MHz Channel=656000 RB=50@0



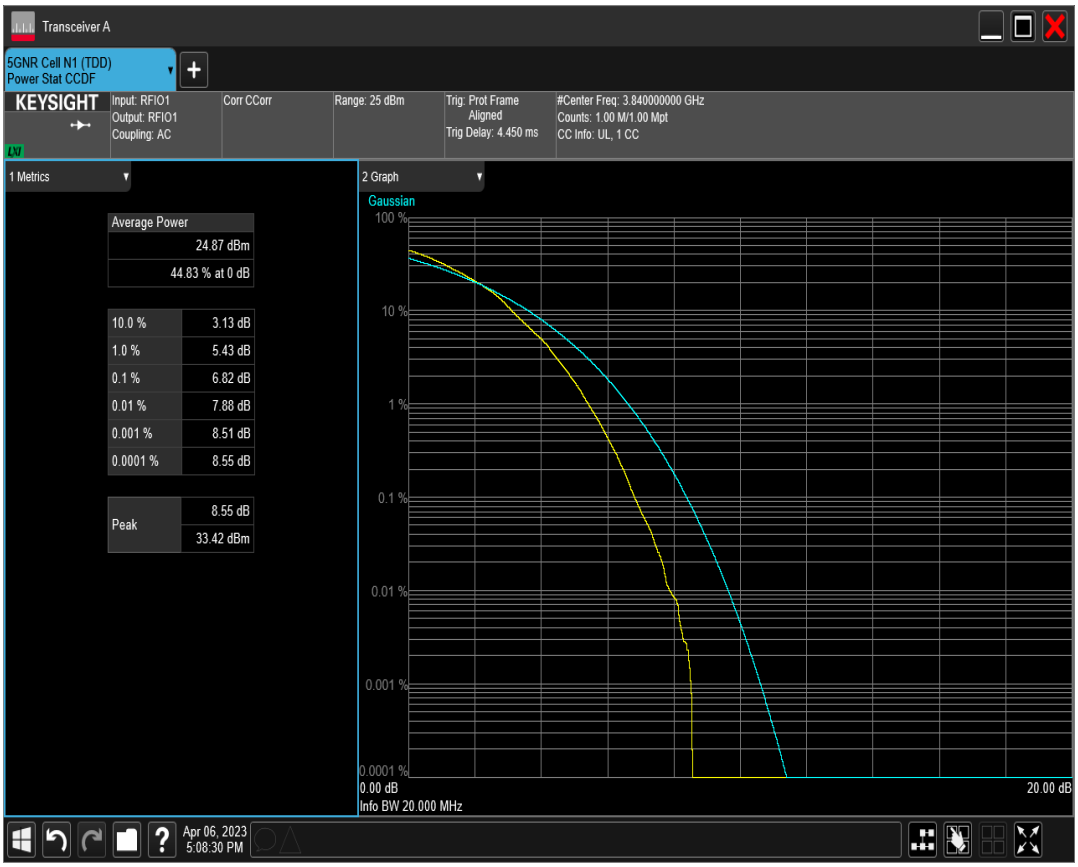

n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz Channel=656000 RB=50@0



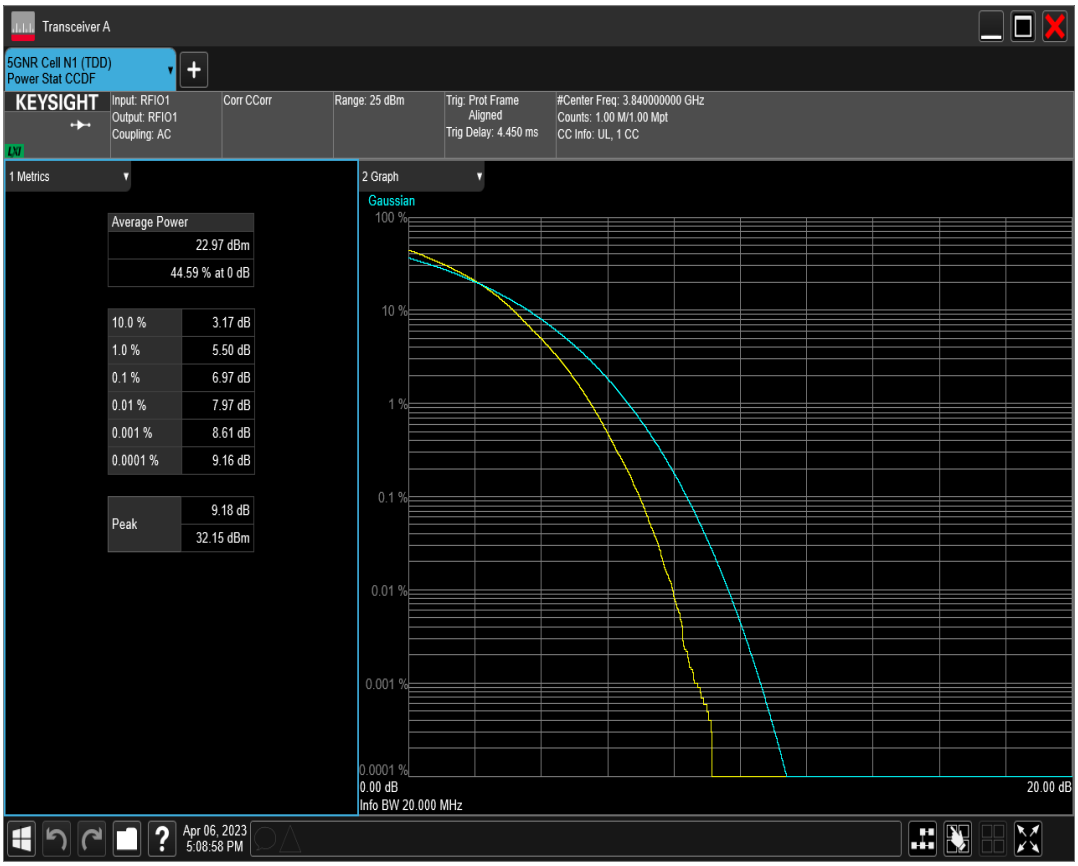

n77(3700-3980) SCS=30kHz DFT_QAM16 BW=20MHz Channel=656000 RB=50@0



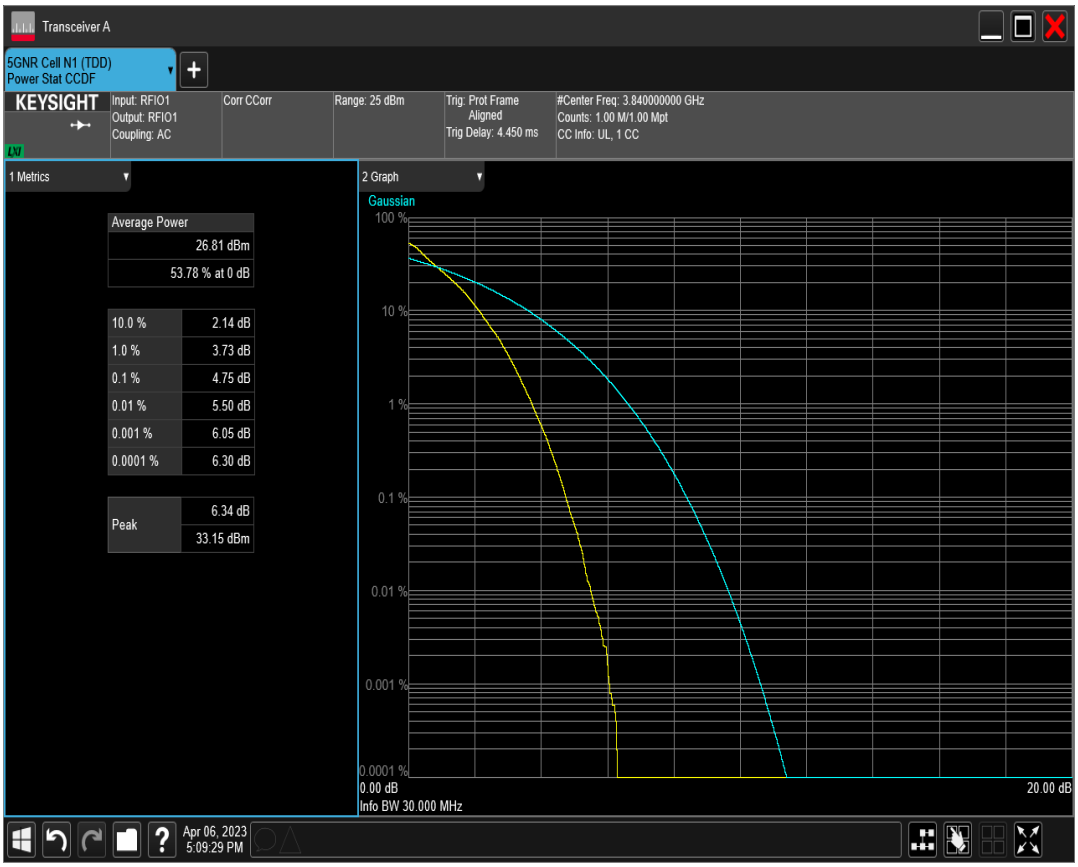

n77(3700-3980) SCS=30kHz DFT_QAM64 BW=20MHz Channel=656000 RB=50@0



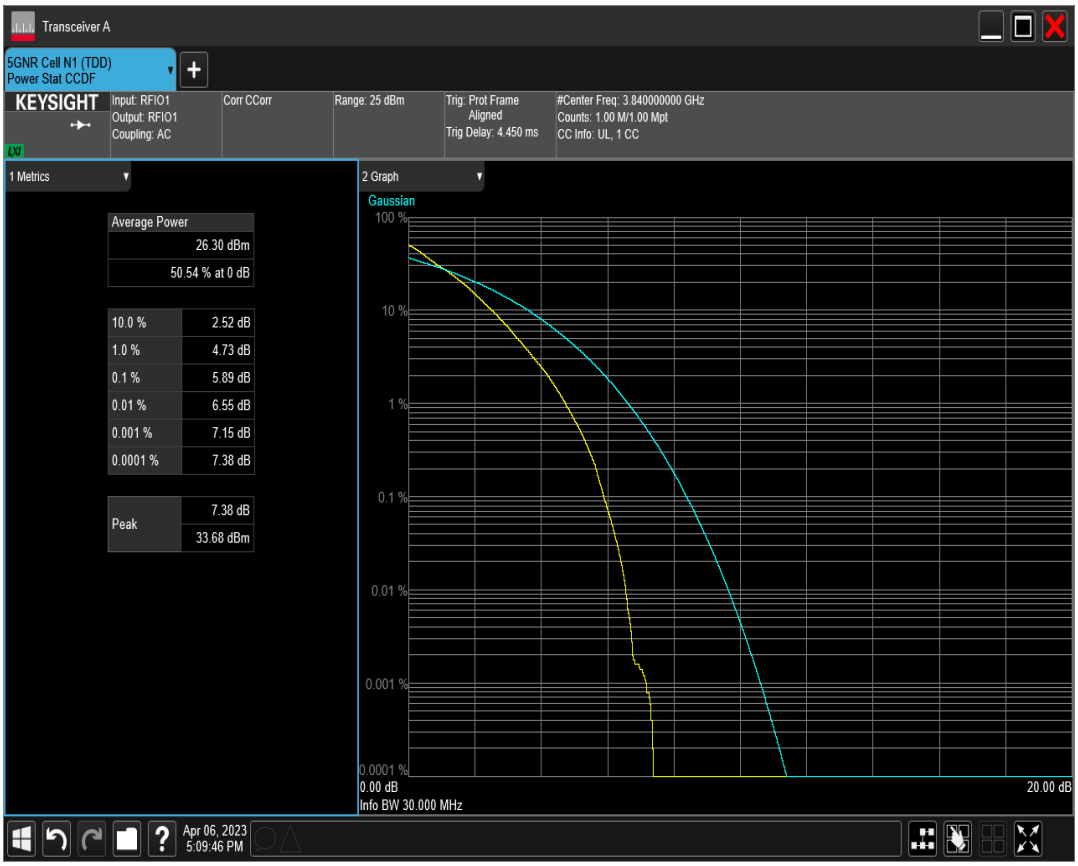

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=20MHz Channel=656000 RB=50@0



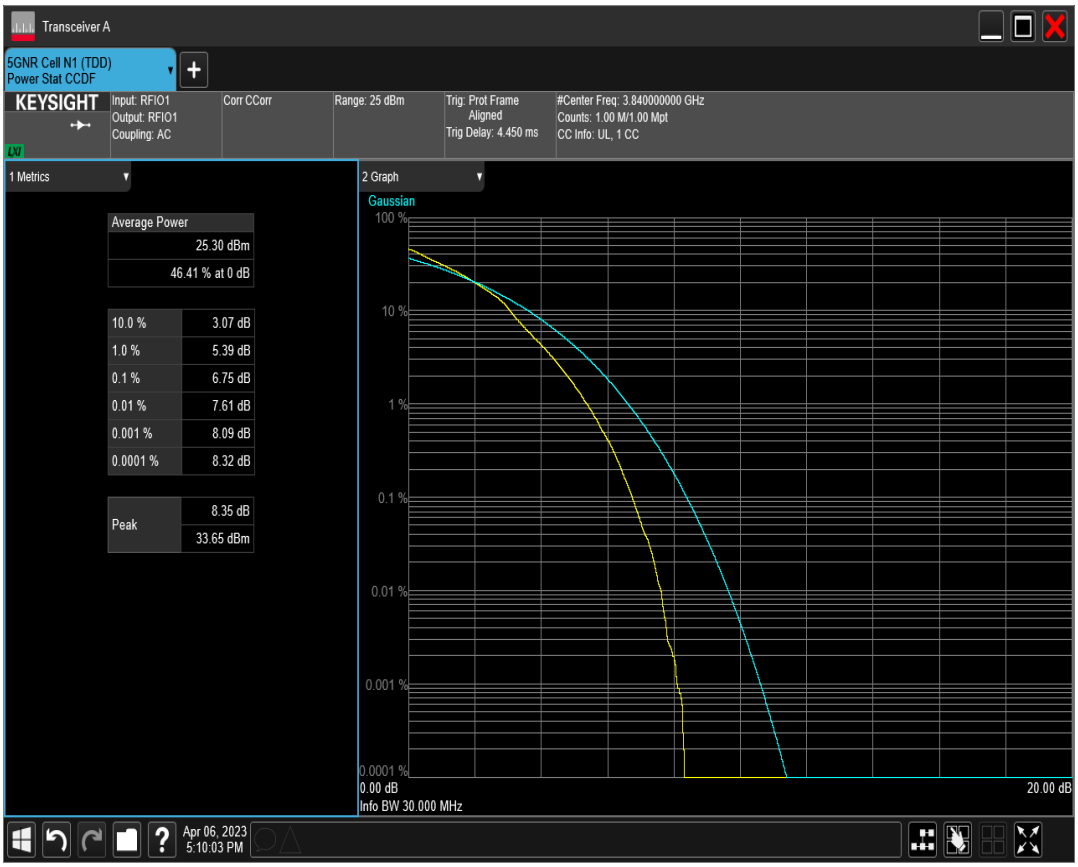

n77(3700-3980) SCS=30kHz DFT_BPSK BW=30MHz Channel=656000 RB=75@0



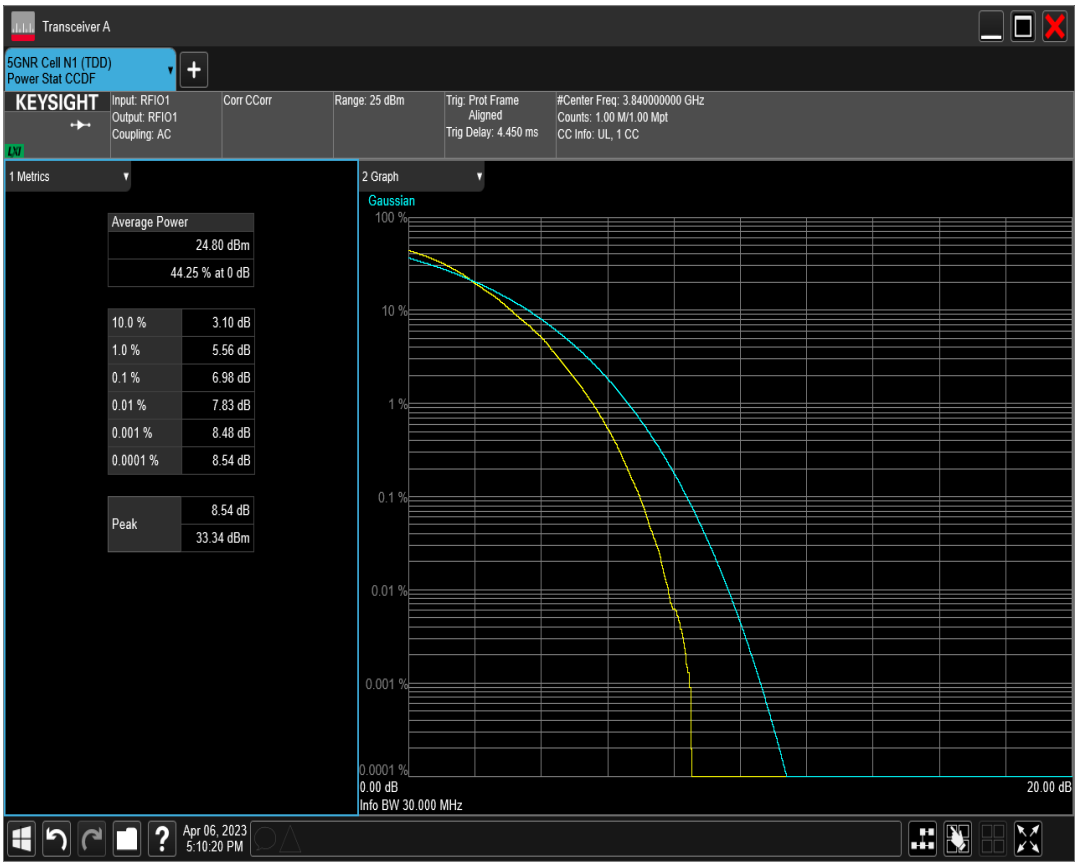

n77(3700-3980) SCS=30kHz DFT_QPSK BW=30MHz Channel=656000 RB=75@0



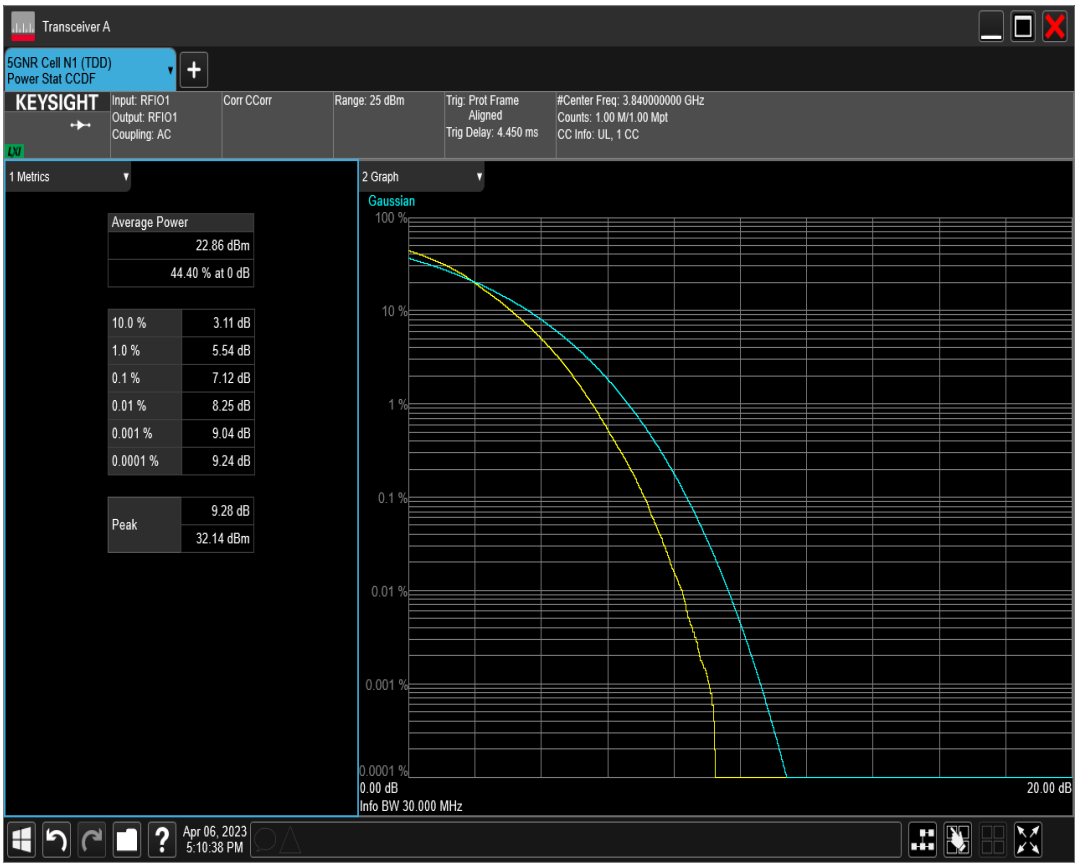

n77(3700-3980) SCS=30kHz DFT_QAM16 BW=30MHz Channel=656000 RB=75@0



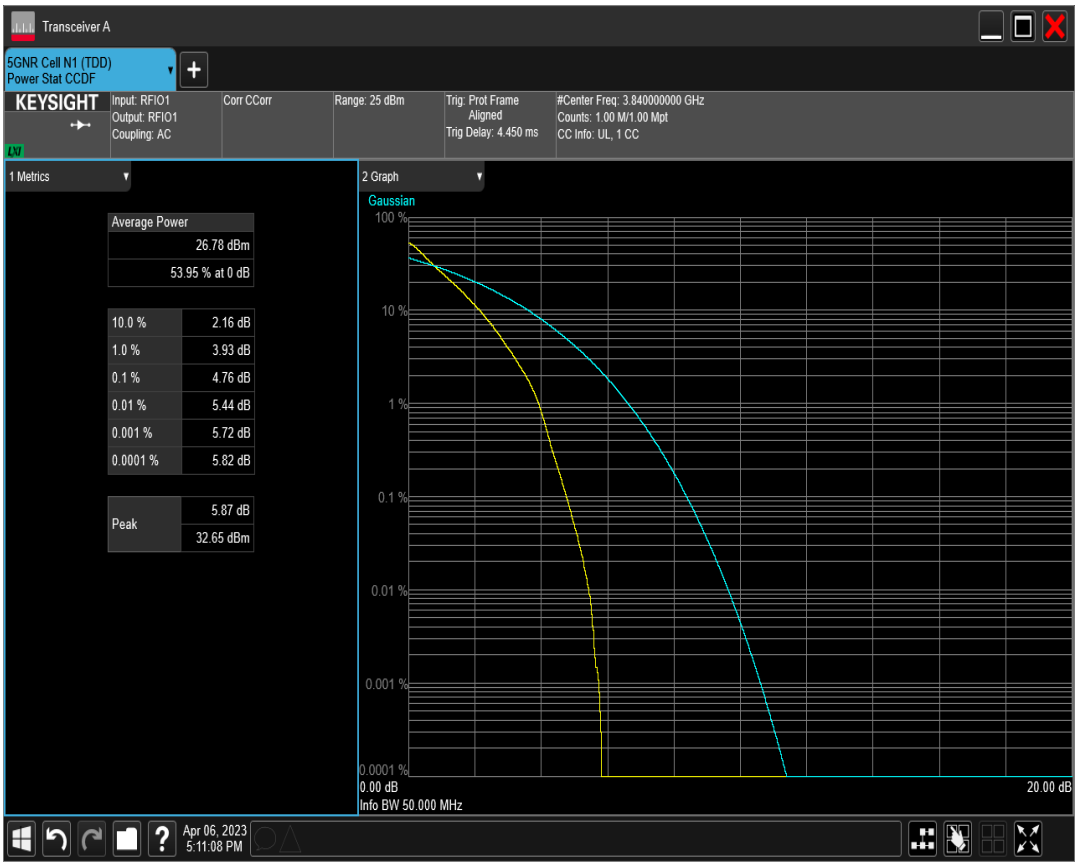

n77(3700-3980) SCS=30kHz DFT_QAM64 BW=30MHz Channel=656000 RB=75@0



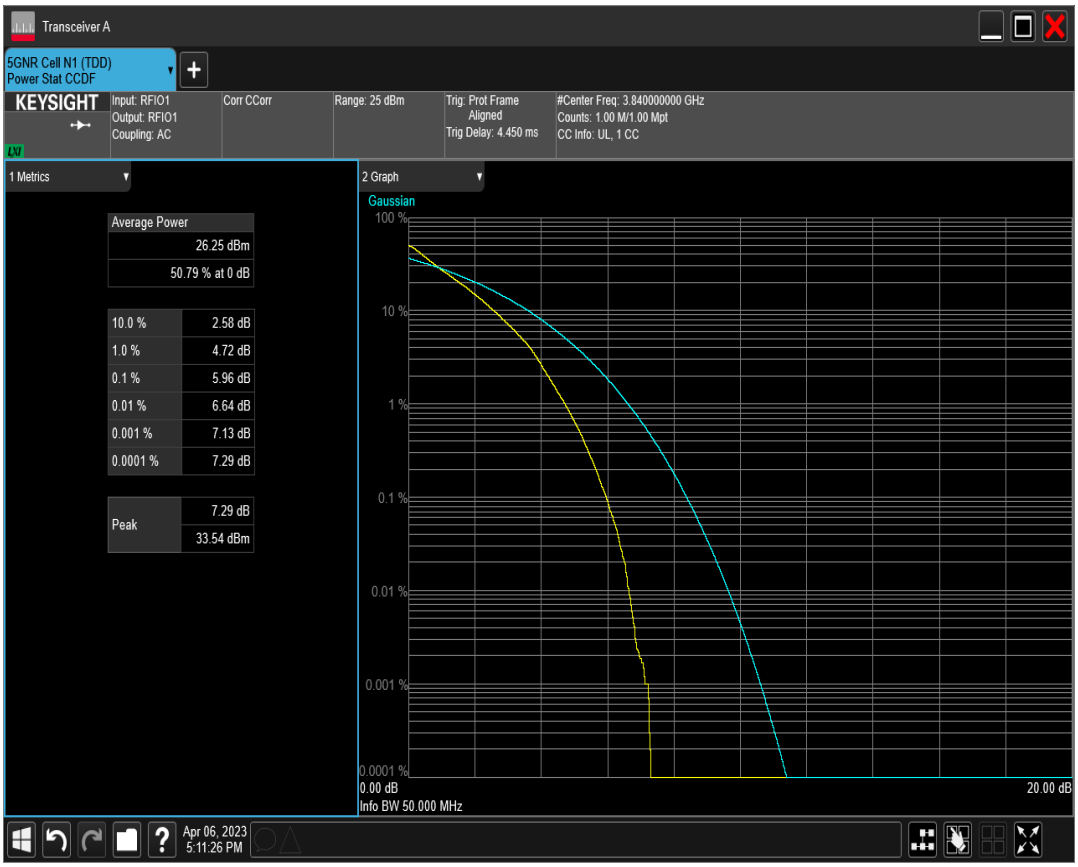

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=30MHz Channel=656000 RB=75@0



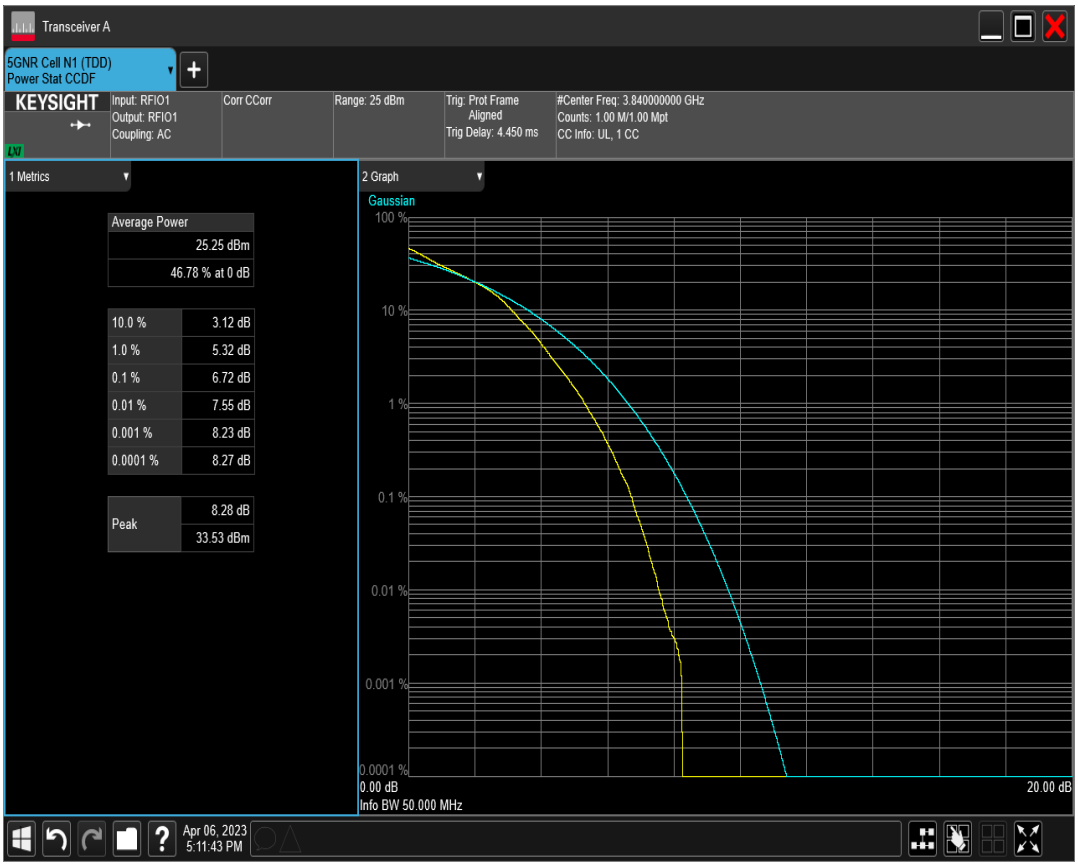

n77(3700-3980) SCS=30kHz DFT_BPSK BW=40MHz Channel=656000 RB=100@0



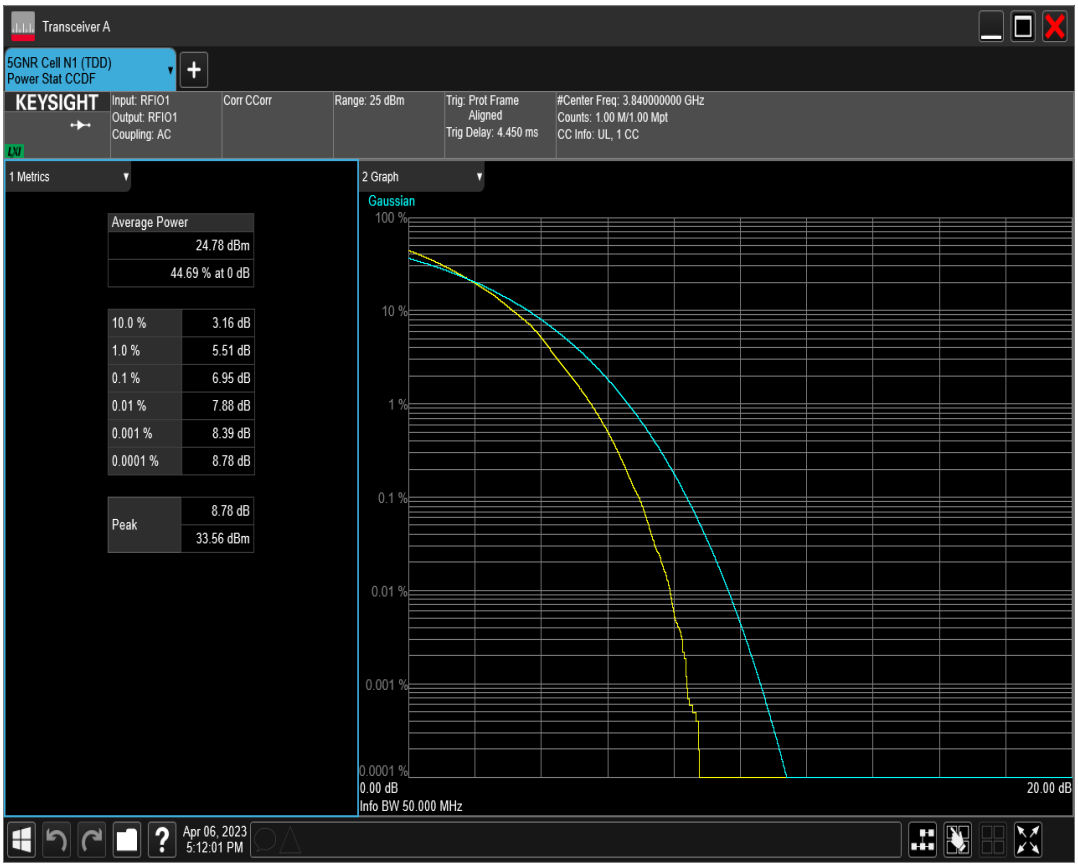

n77(3700-3980) SCS=30kHz DFT_QPSK BW=40MHz Channel=656000 RB=100@0



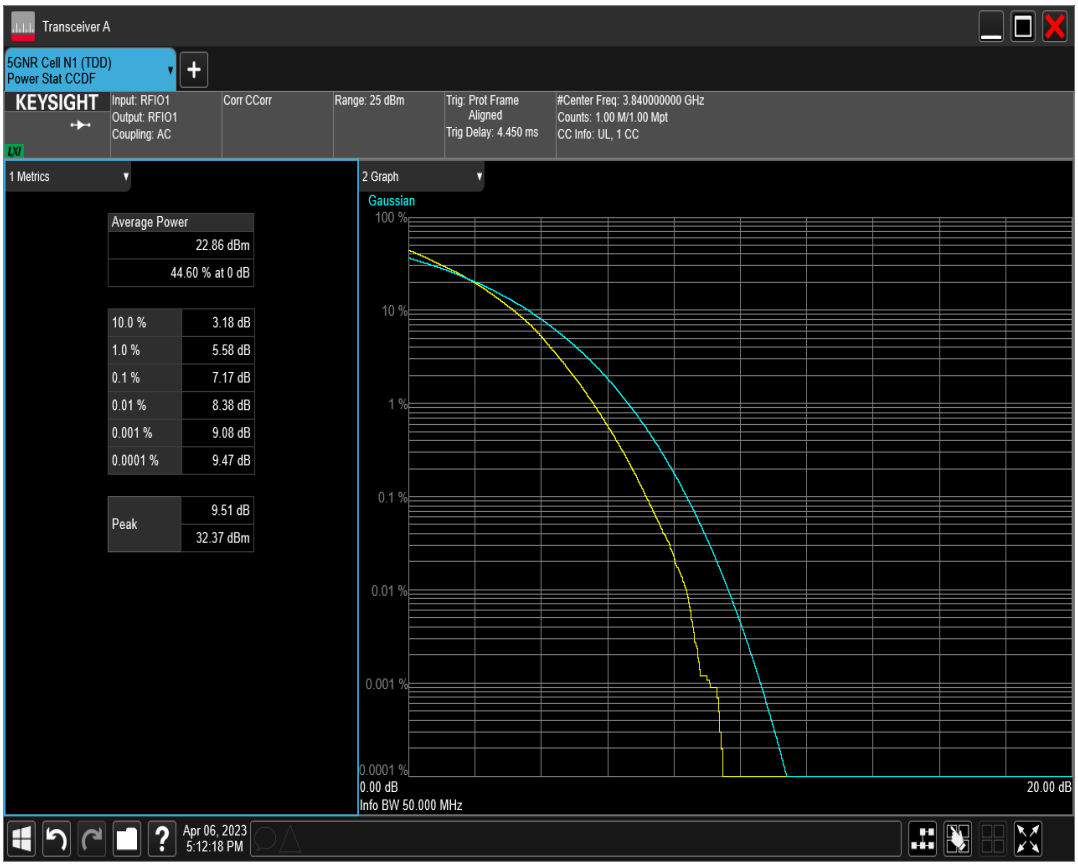

n77(3700-3980) SCS=30kHz DFT_QAM16 BW=40MHz Channel=656000 RB=100@0



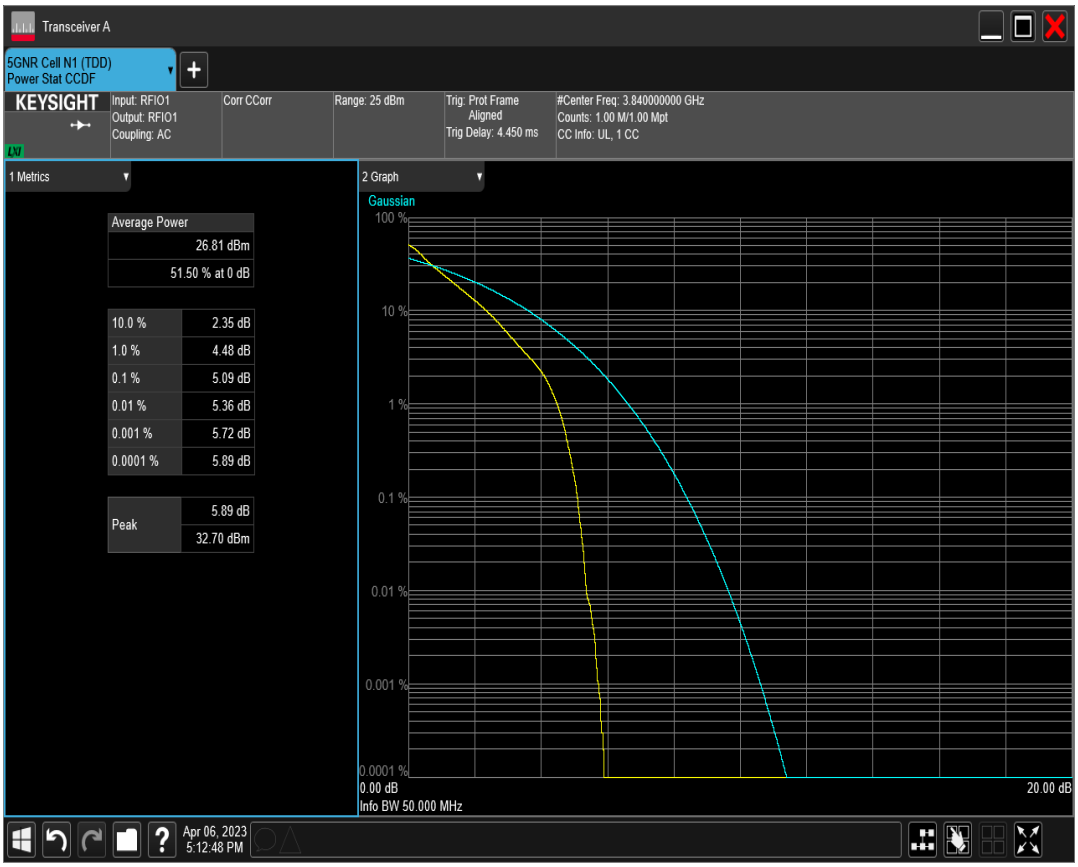

n77(3700-3980) SCS=30kHz DFT_QAM64 BW=40MHz Channel=656000 RB=100@0



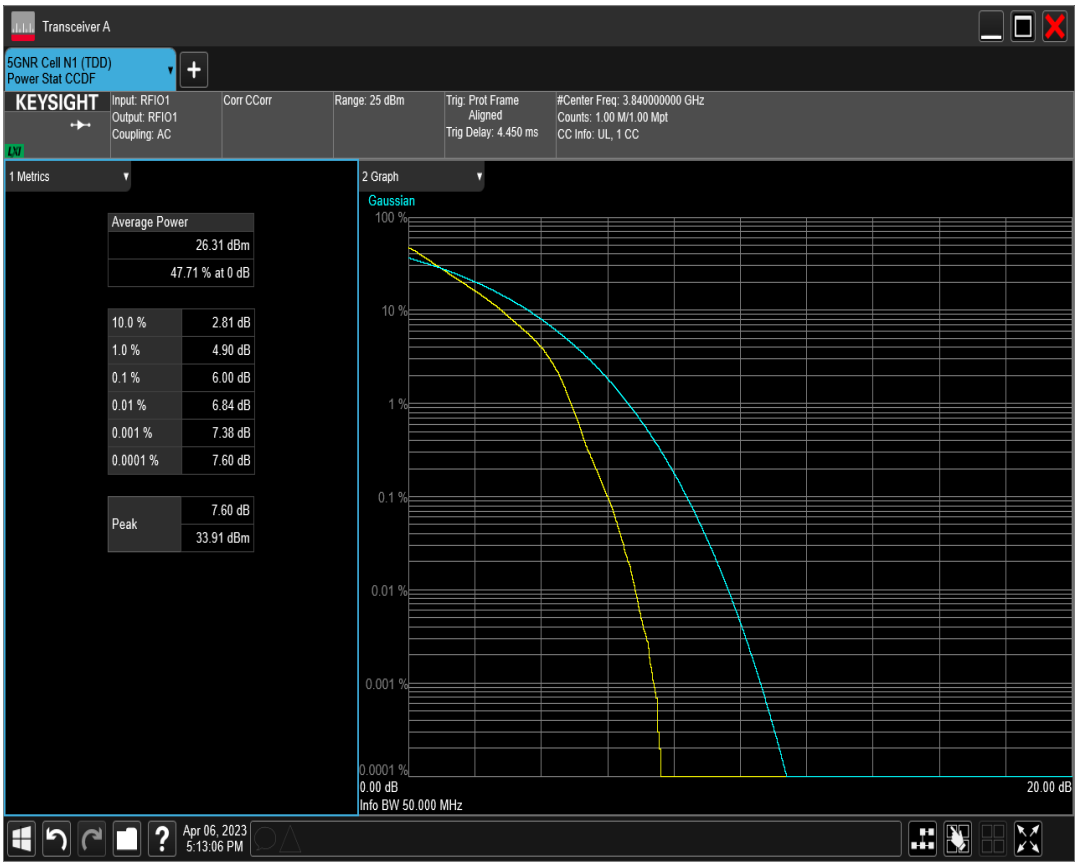

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=40MHz Channel=656000 RB=100@0



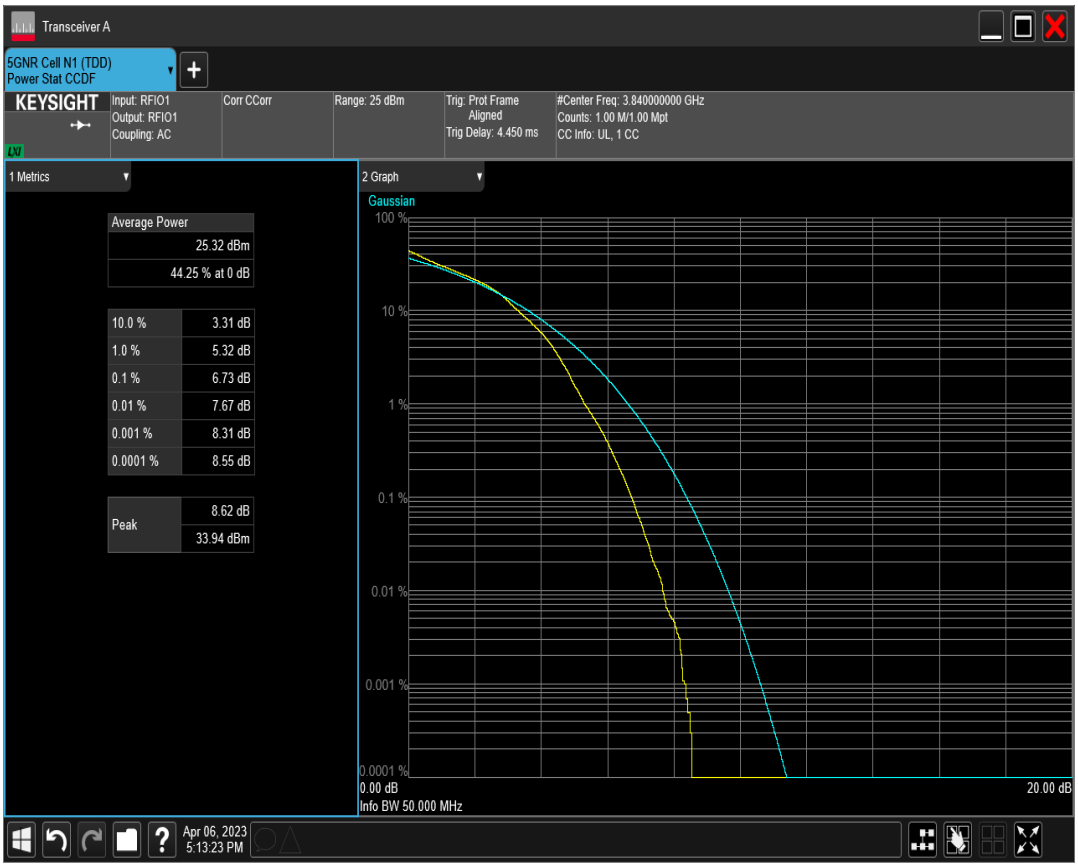

n77(3700-3980) SCS=30kHz DFT_BPSK BW=50MHz Channel=656000 RB=128@0



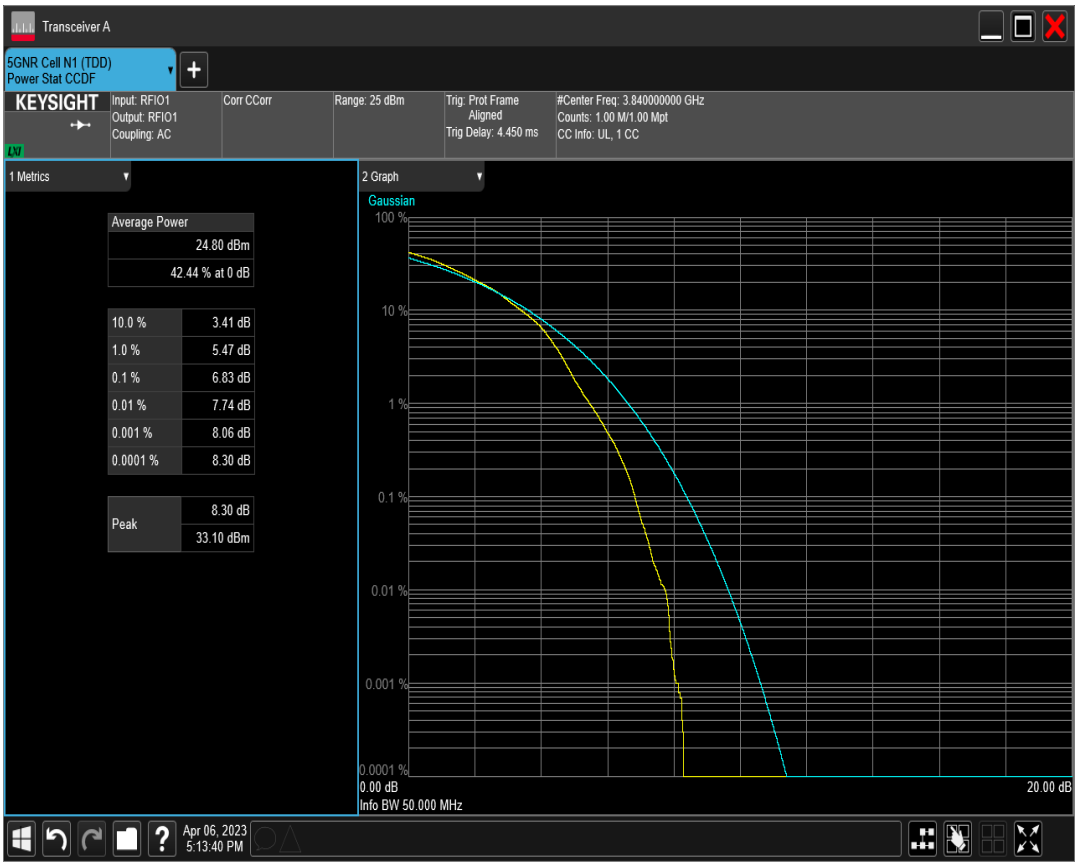

n77(3700-3980) SCS=30kHz DFT_QPSK BW=50MHz Channel=656000 RB=128@0



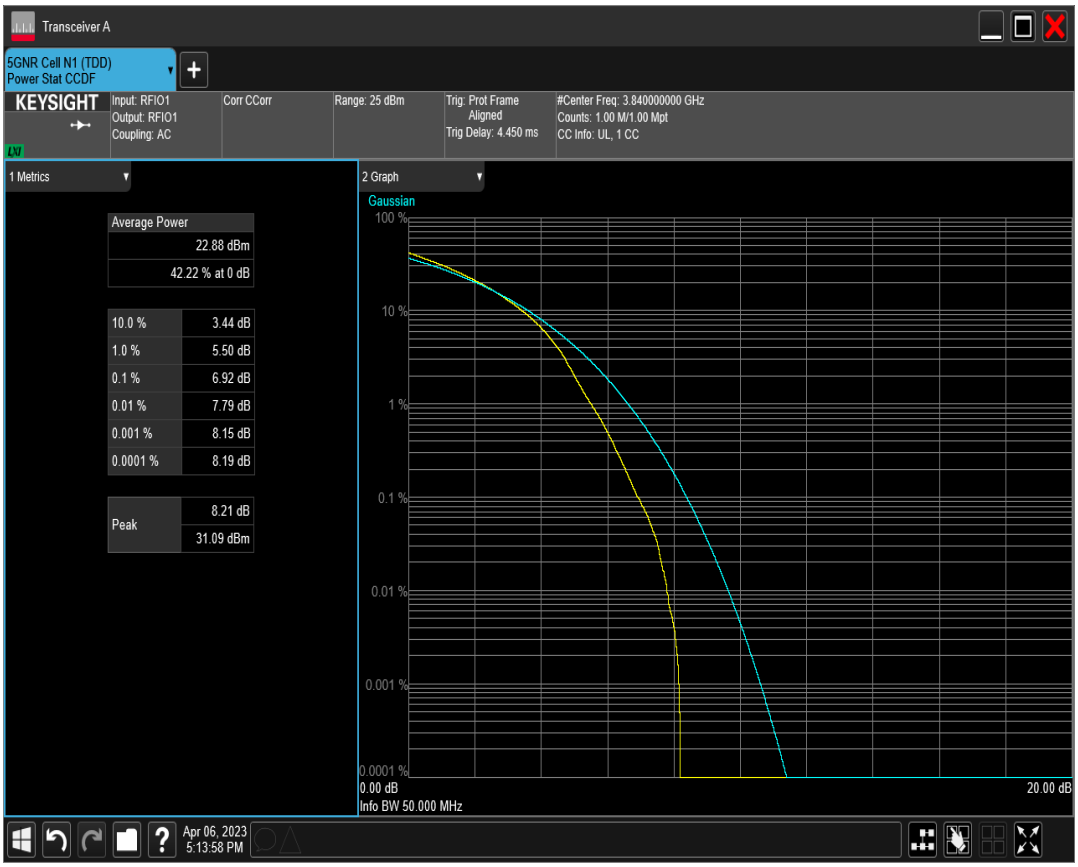

n77(3700-3980) SCS=30kHz DFT_QAM16 BW=50MHz Channel=656000 RB=128@0



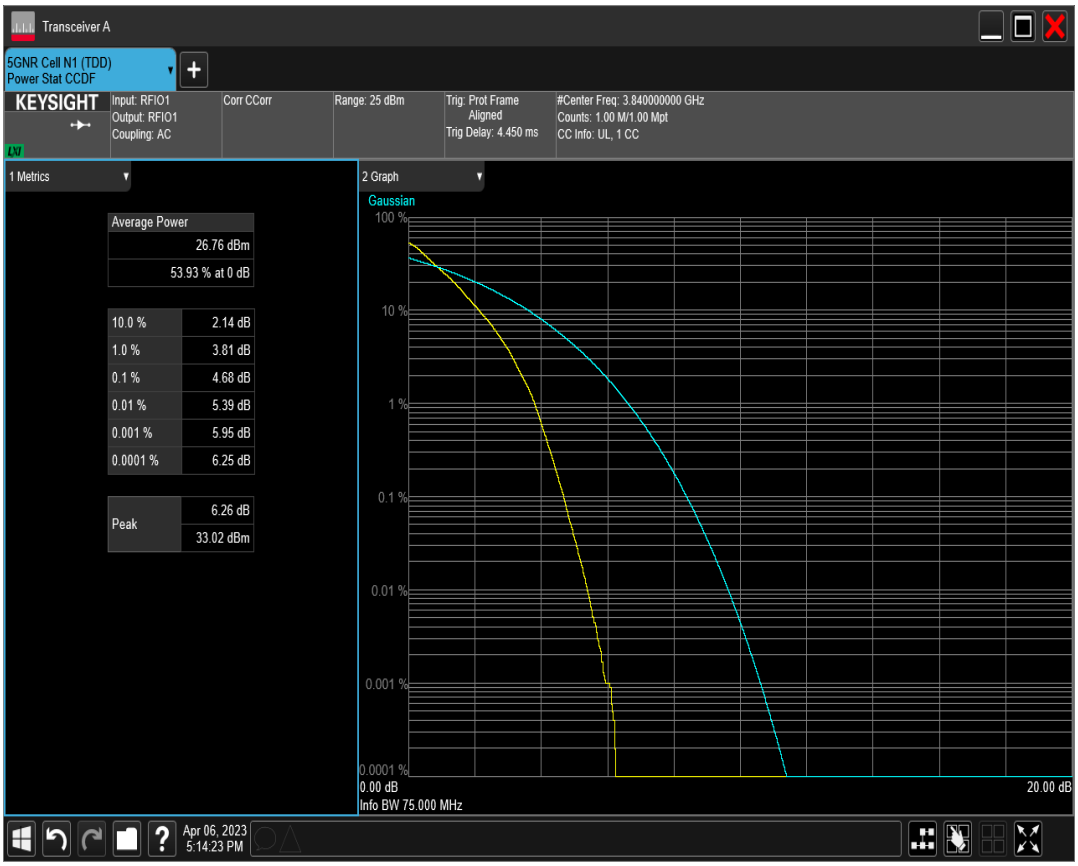

n77(3700-3980) SCS=30kHz DFT_QAM64 BW=50MHz Channel=656000 RB=128@0



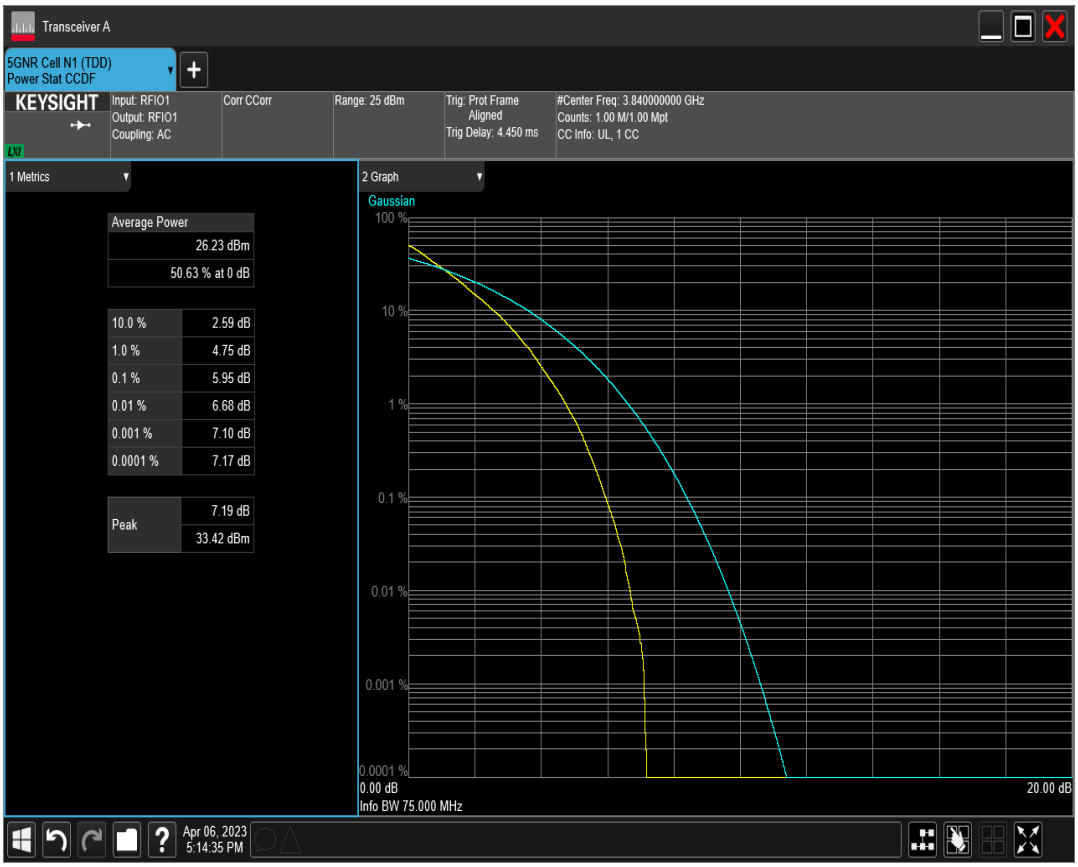

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=50MHz Channel=656000 RB=128@0



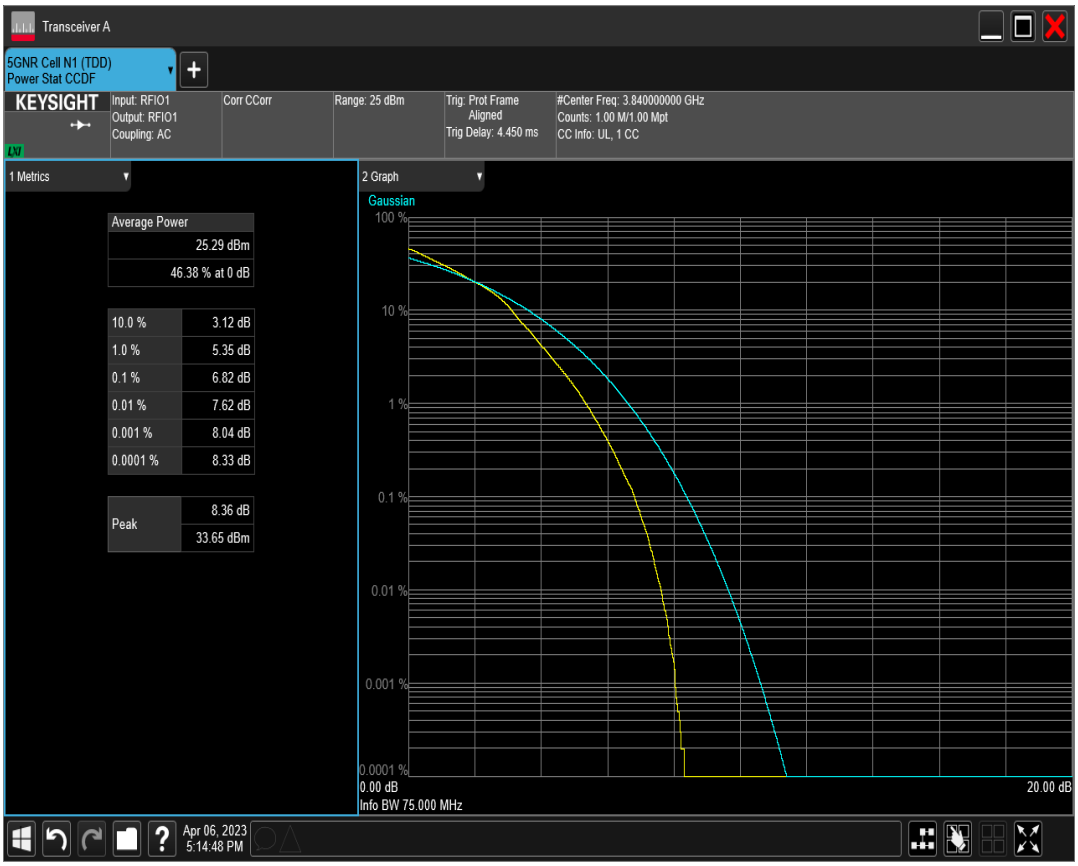

n77(3700-3980) SCS=30kHz DFT_BPSK BW=60MHz Channel=656000 RB=162@0



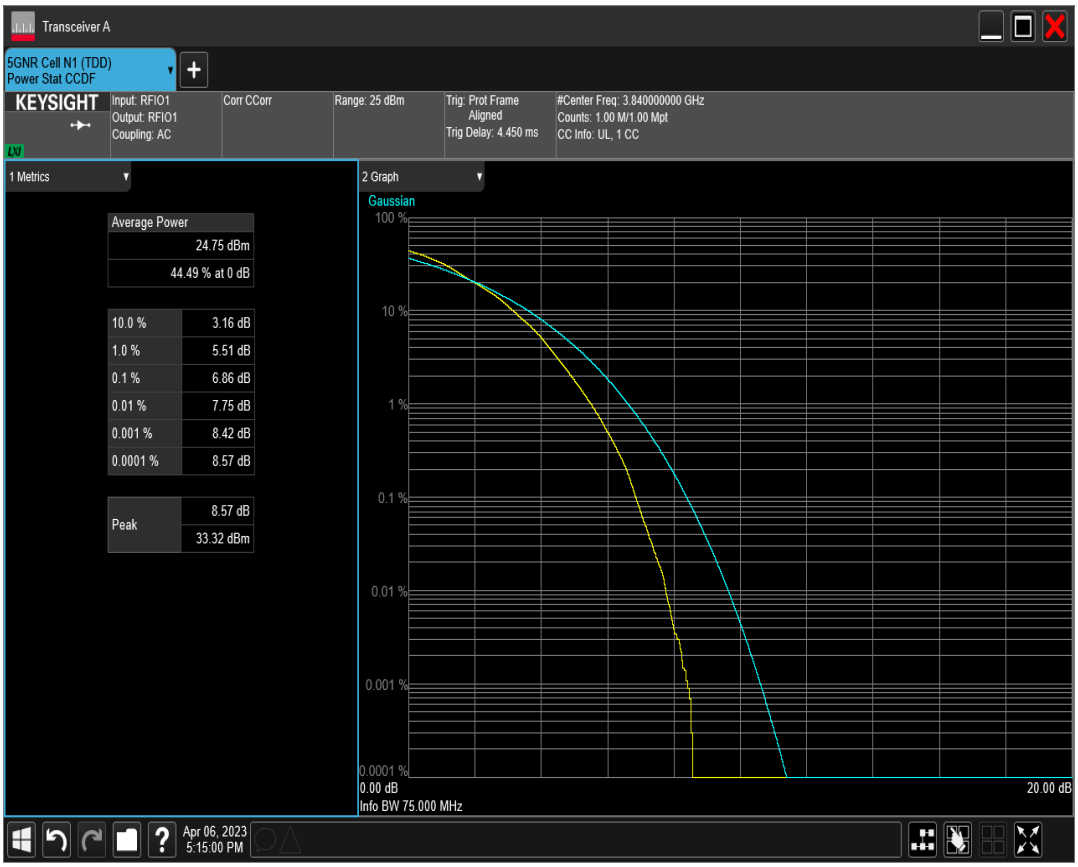

n77(3700-3980) SCS=30kHz DFT_QPSK BW=60MHz Channel=656000 RB=162@0



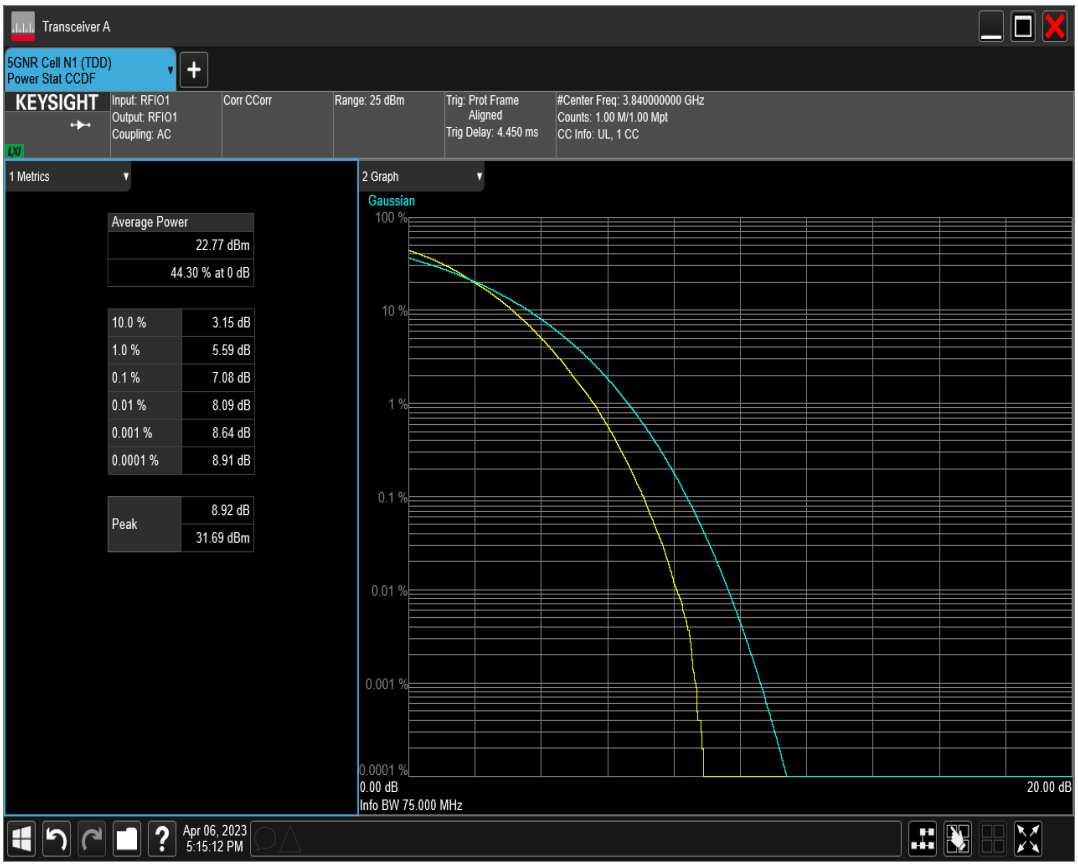

n77(3700-3980) SCS=30kHz DFT_QAM16 BW=60MHz Channel=656000 RB=162@0



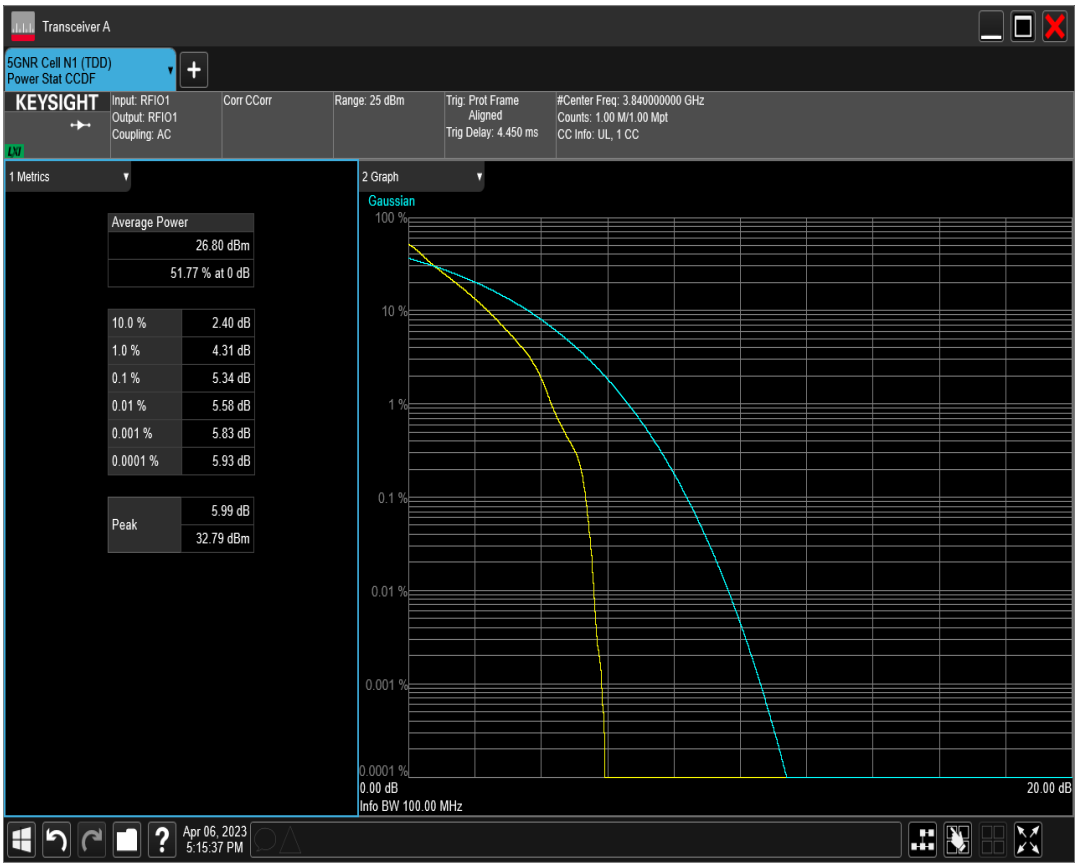

n77(3700-3980) SCS=30kHz DFT_QAM64 BW=60MHz Channel=656000 RB=162@0



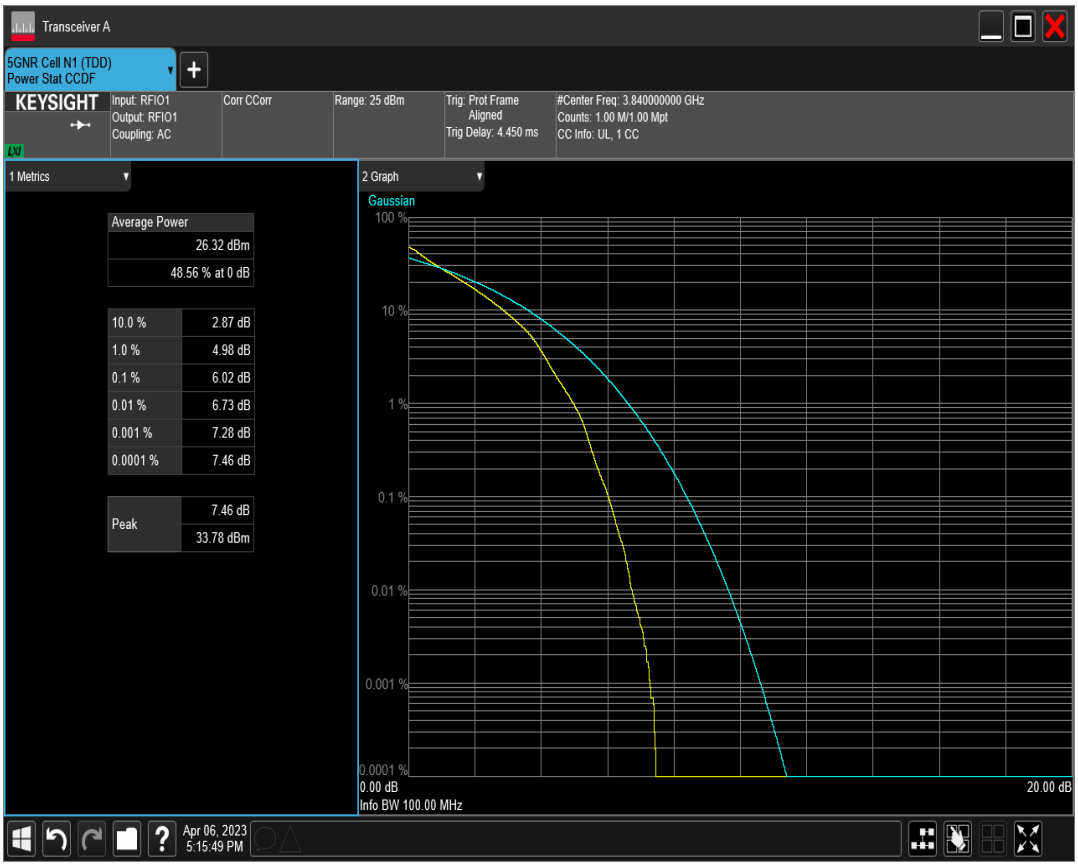

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=60MHz Channel=656000 RB=162@0



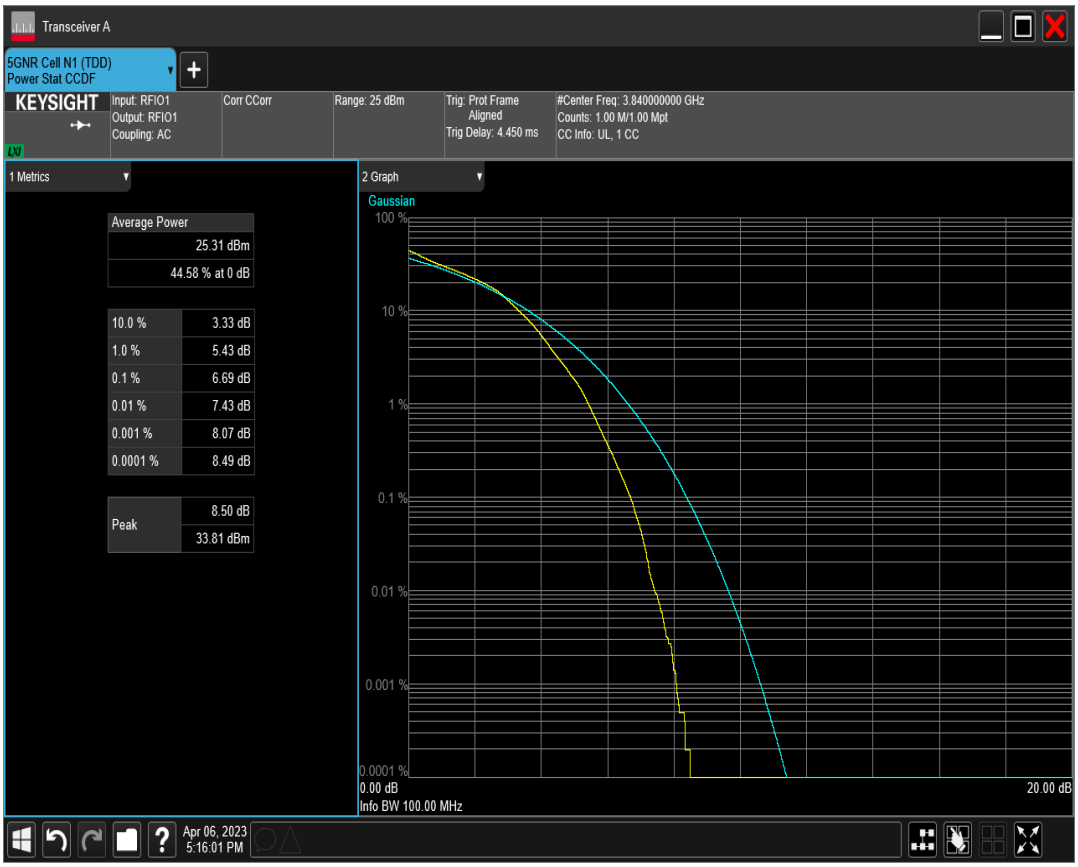

n77(3700-3980) SCS=30kHz DFT_BPSK BW=80MHz Channel=656000 RB=216@0



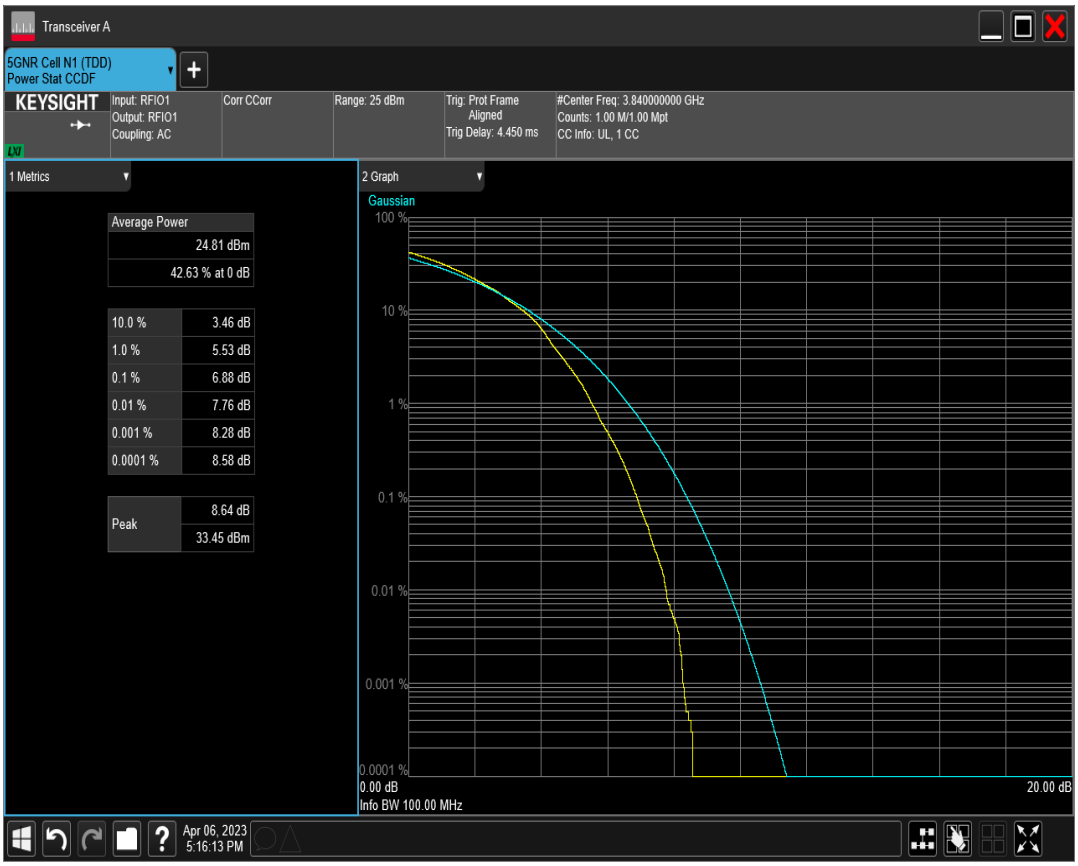

n77(3700-3980) SCS=30kHz DFT_QPSK BW=80MHz Channel=656000 RB=216@0



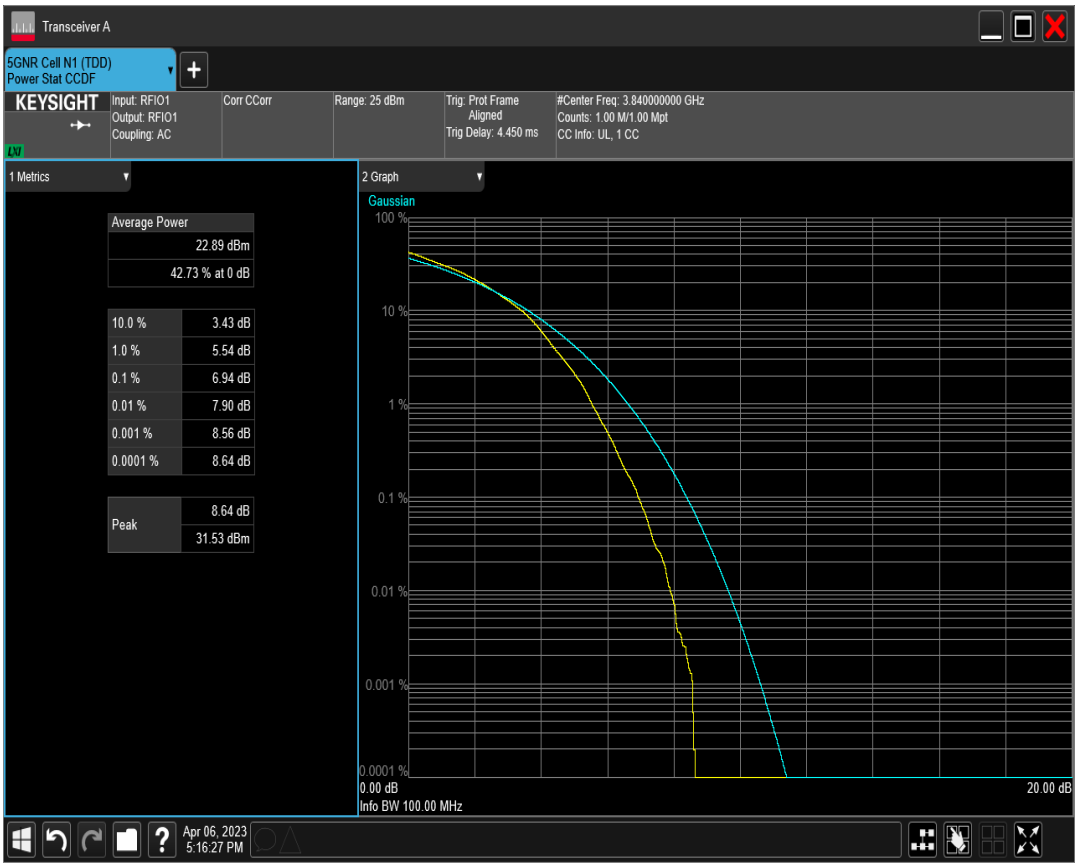

n77(3700-3980) SCS=30kHz DFT_QAM16 BW=80MHz Channel=656000 RB=216@0



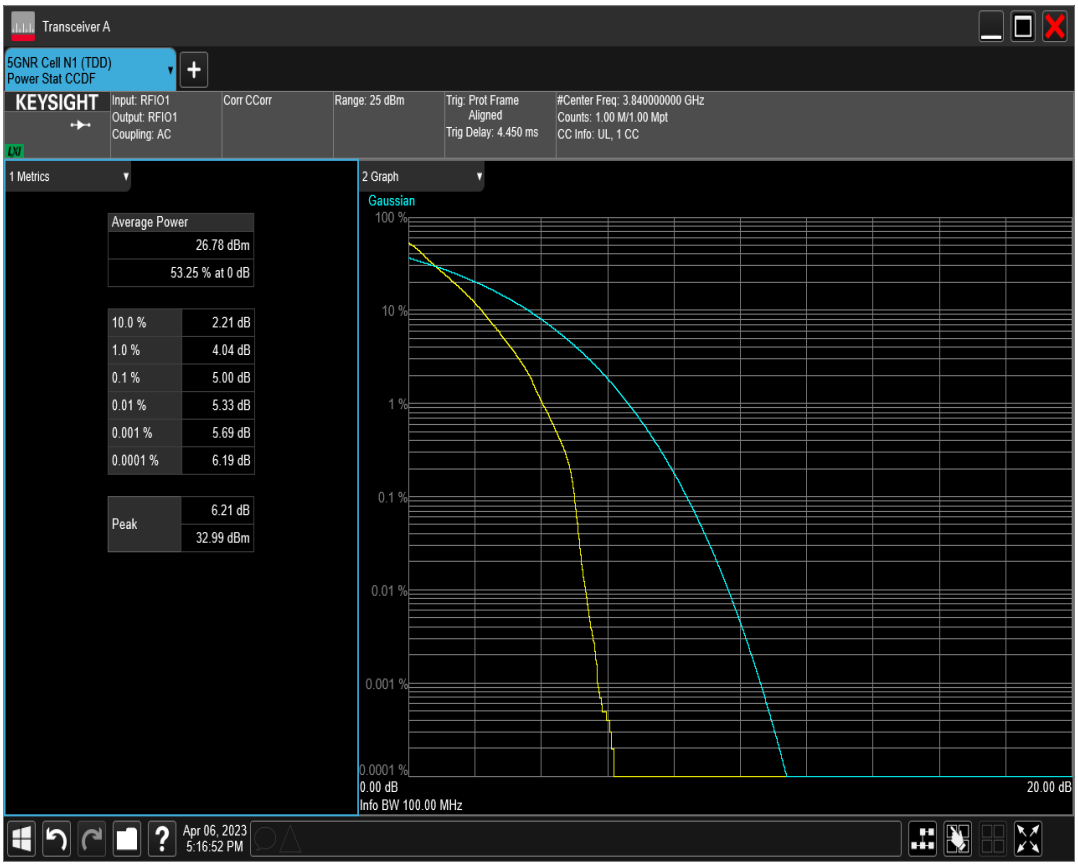

n77(3700-3980) SCS=30kHz DFT_QAM64 BW=80MHz Channel=656000 RB=216@0



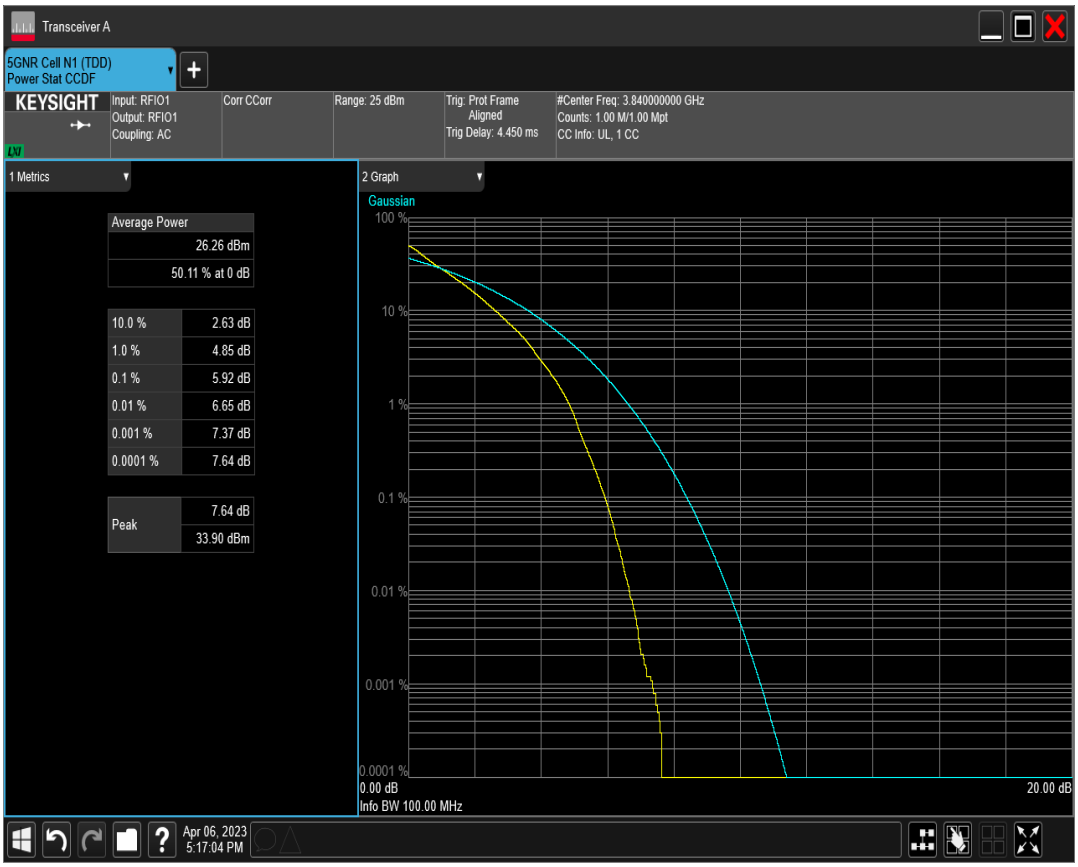

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=80MHz Channel=656000 RB=216@0



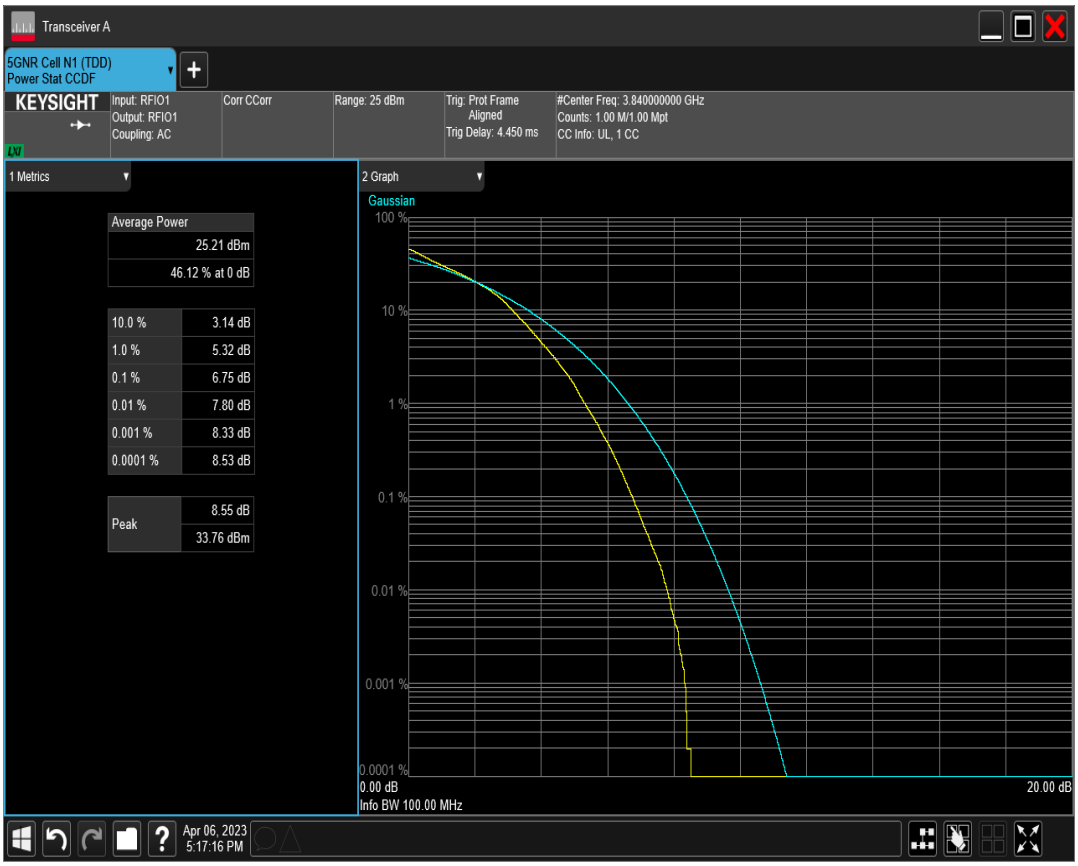

n77(3700-3980) SCS=30kHz DFT_BPSK BW=90MHz Channel=656000 RB=240@0



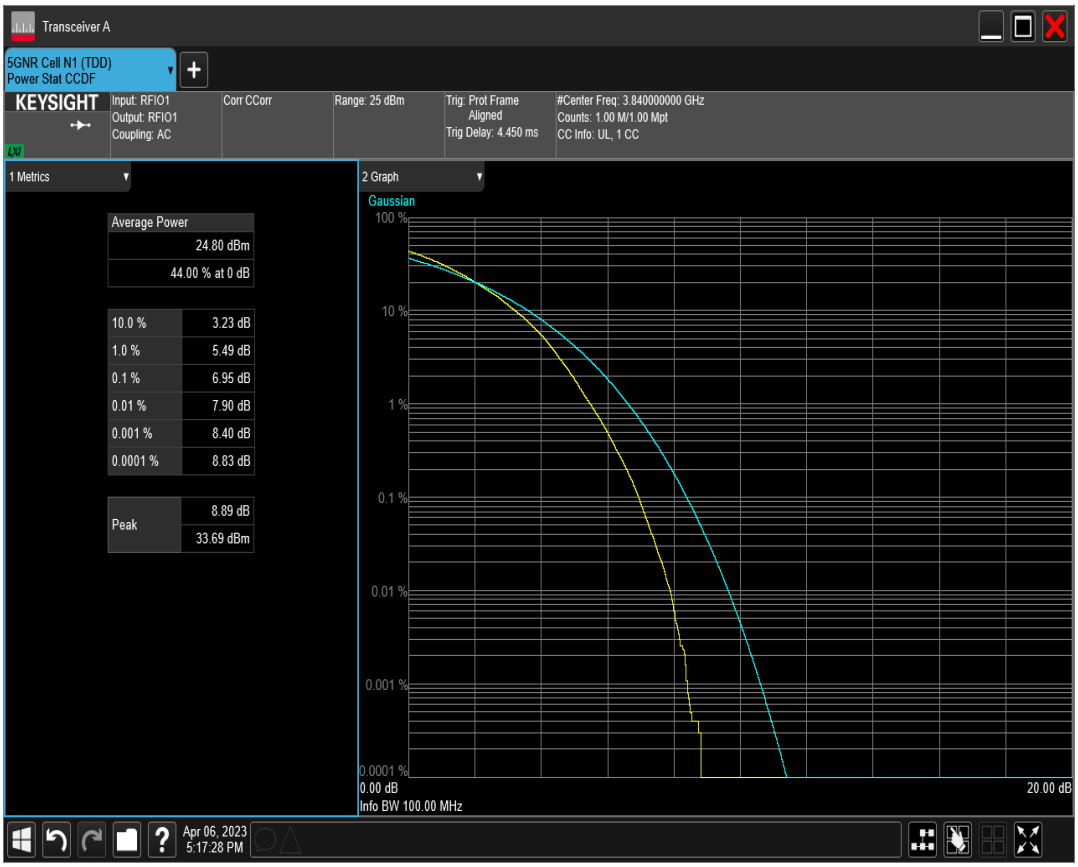

n77(3700-3980) SCS=30kHz DFT_QPSK BW=90MHz Channel=656000 RB=240@0



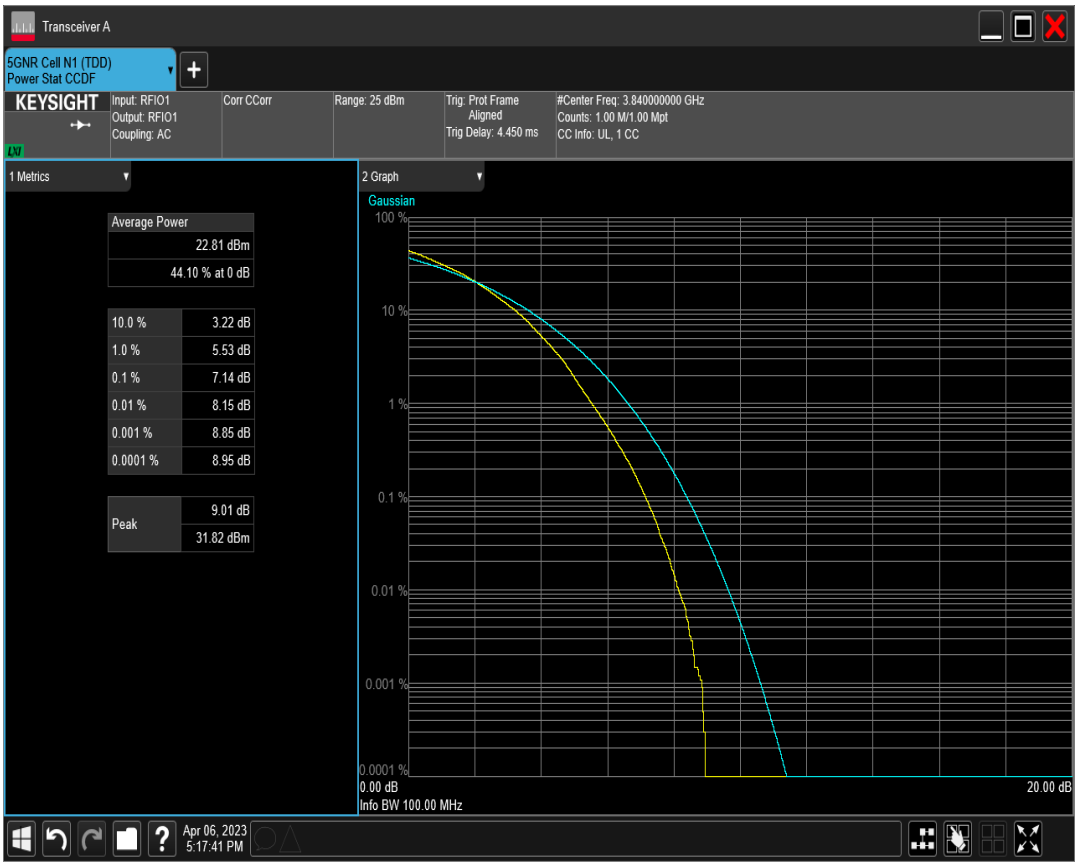

n77(3700-3980) SCS=30kHz DFT_QAM16 BW=90MHz Channel=656000 RB=240@0



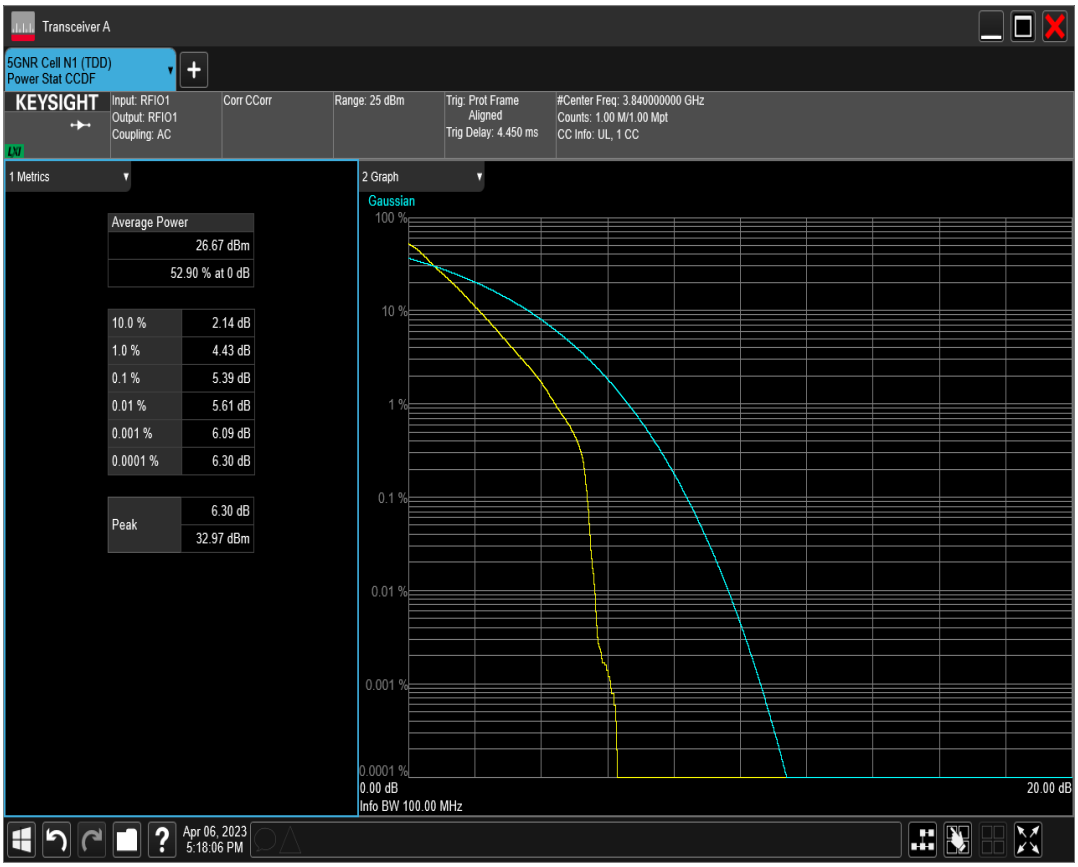

n77(3700-3980) SCS=30kHz DFT_QAM64 BW=90MHz Channel=656000 RB=240@0



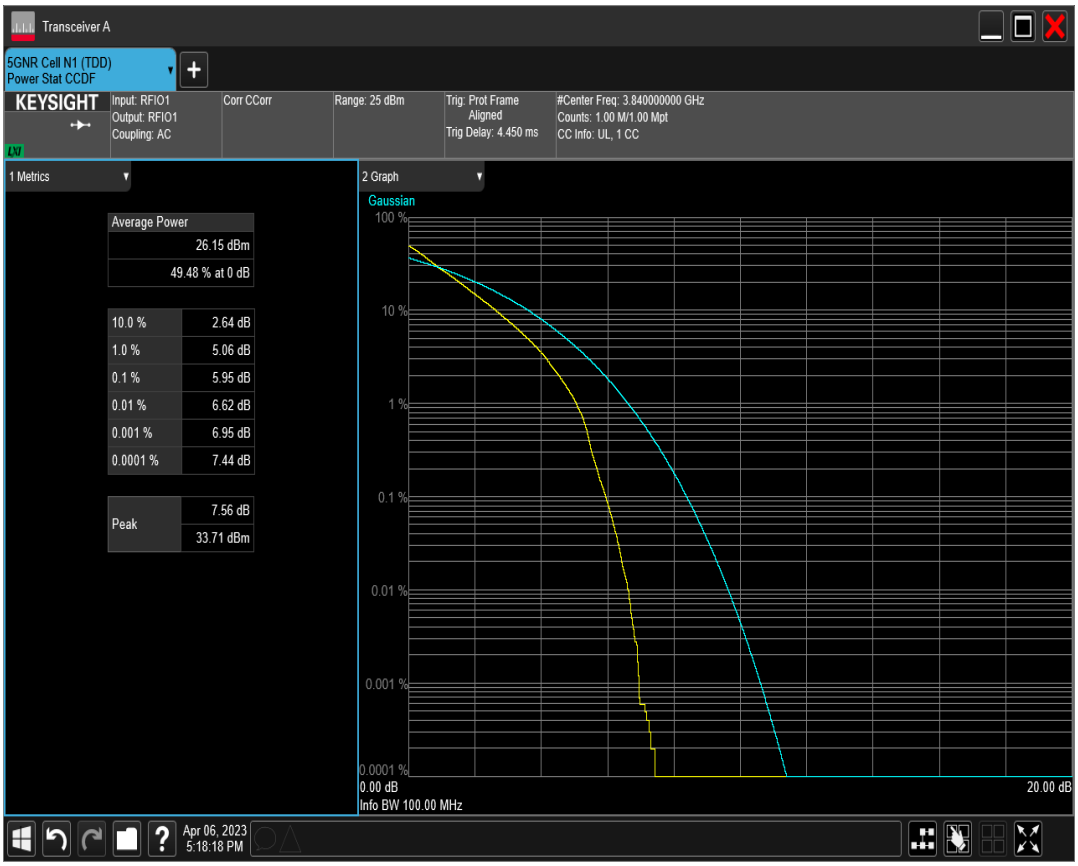

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=90MHz Channel=656000 RB=240@0



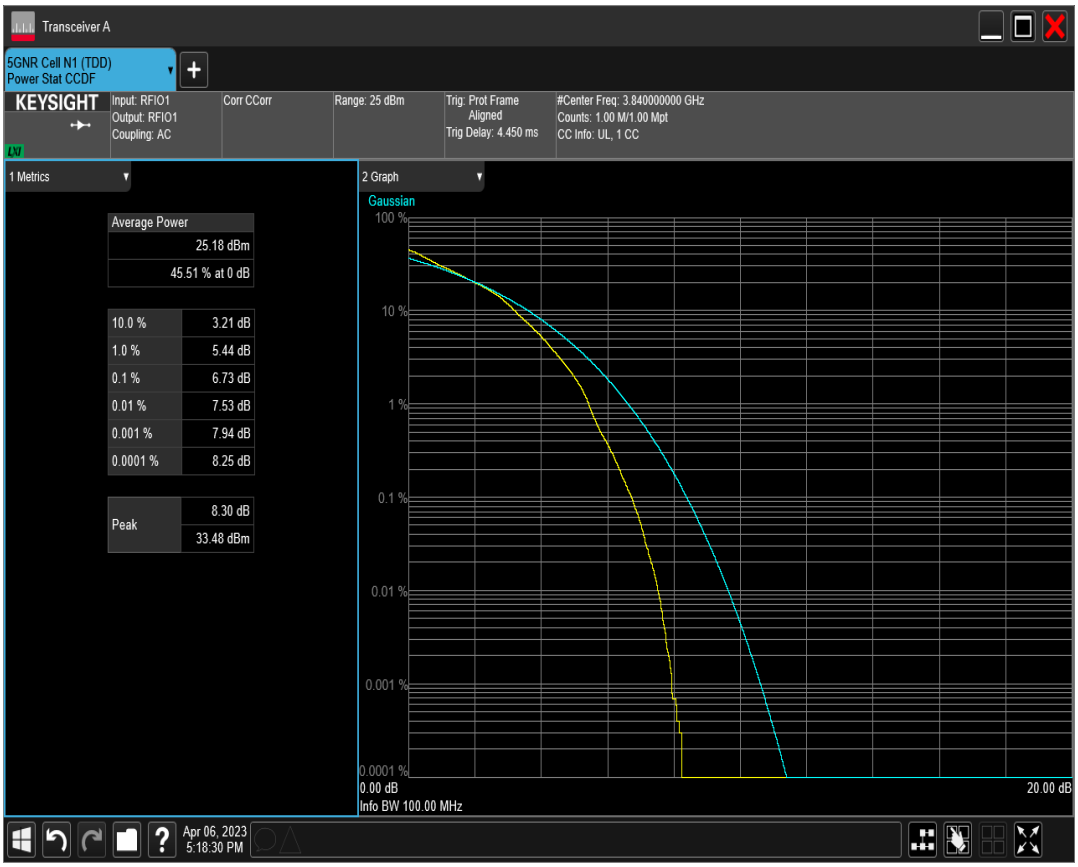

n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz Channel=656000 RB=270@0



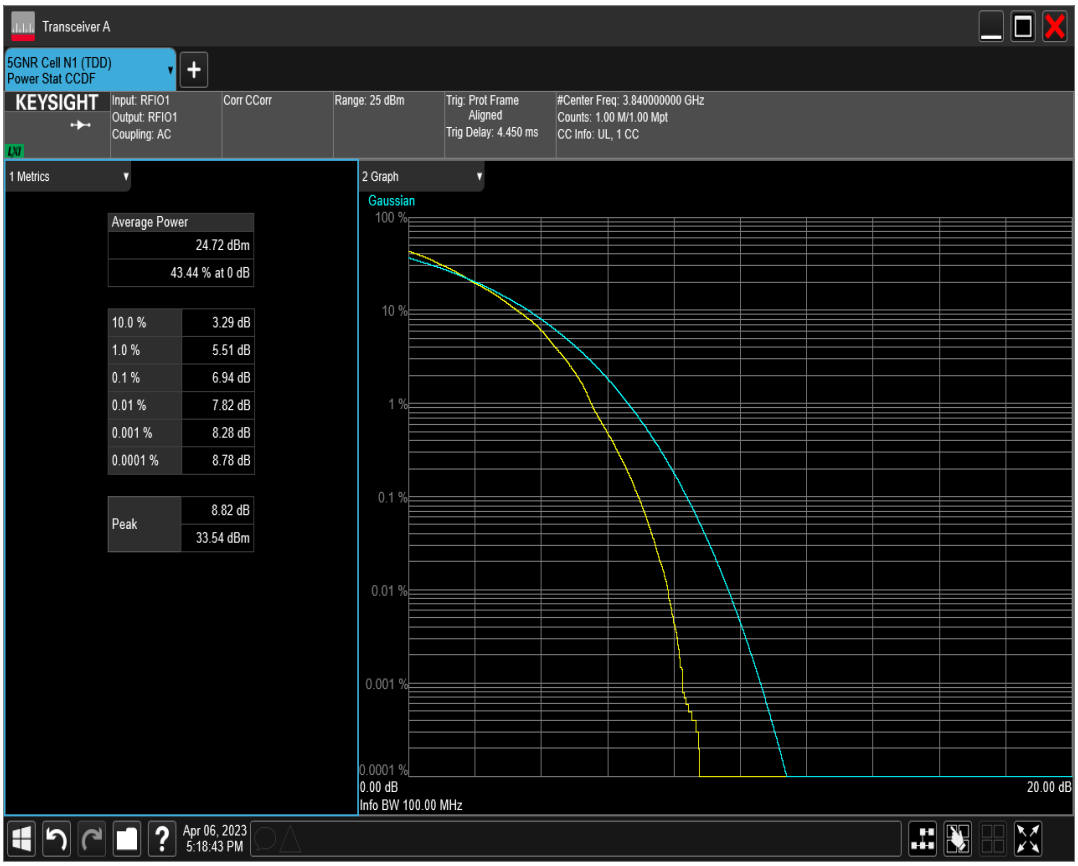

n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=656000 RB=270@0



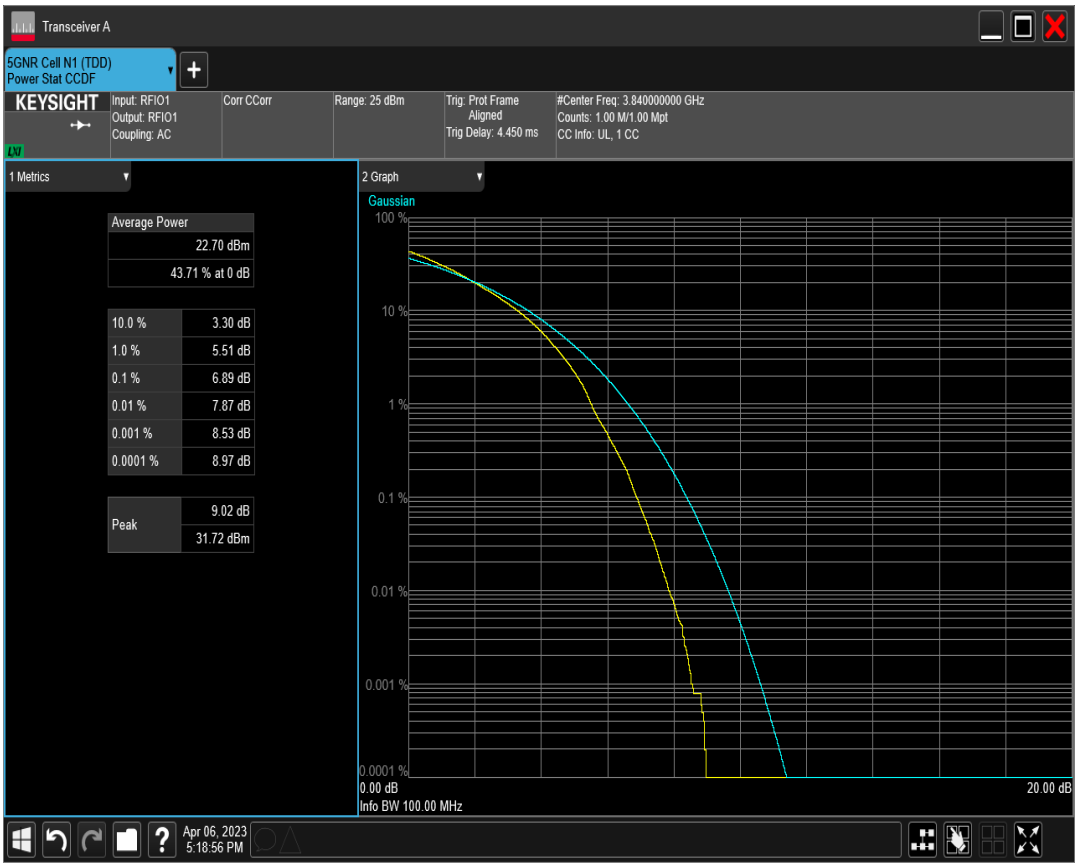

n77(3700-3980) SCS=30kHz DFT_QAM16 BW=100MHz Channel=656000 RB=270@0




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


Transceiver A
5GNR Cell N1 (TDD)
Power Stat CCDF
KEYSIGHT
Input: RFIO1
Output: RFIO1
Coupling: AC
Corr CCorr
Range: 25 dBm
Trig: Prot Frame
Aligned
Trig Delay: 4.450 ms
#Center Freq: 3.840000000 GHz
Counts: 1.00 M/1.00 Mpt
CC Info: UL, 1 CC
1 Metrics
Average Power
22.70 dBm
43.71 % at 0 dB
10.0 % 3.30 dB
1.0 % 5.51 dB
0.1 % 6.89 dB
0.01 % 7.87 dB
0.001 % 8.53 dB
0.0001 % 8.97 dB
Peak 9.02 dB
31.72 dBm
2 Graph
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0.00 dB
20.00 dB
Info BW 100.00 MHz
Apr 06, 2023
5:18:56 PM

# 4 Occupied bandwidth for NR FR1

| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | 99% OBW (MHz) | -26dB EBW (MHz) | Verdict |
|---|---|---|---|---|---|---|---|---|
| n77(3700-3980) | 30 | 10 | 647000 | 24@0 | DFT_BPSK | 8.620 | 9.220 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 24@0 | DFT_QPSK | 8.640 | 9.190 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 24@0 | DFT_QAM16 | 8.620 | 9.180 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 24@0 | DFT_QAM64 | 8.620 | 9.200 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 24@0 | DFT_QAM256 | 8.610 | 9.210 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 24@0 | CP_QPSK | 8.610 | 9.220 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 24@0 | DFT_BPSK | 8.620 | 9.260 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 24@0 | DFT_QPSK | 8.640 | 9.200 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 24@0 | DFT_QAM16 | 8.620 | 9.180 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 24@0 | DFT_QAM64 | 8.640 | 9.230 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 24@0 | DFT_QAM256 | 8.600 | 9.170 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 24@0 | CP_QPSK | 8.620 | 9.230 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 24@0 | DFT_BPSK | 8.620 | 9.210 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 24@0 | DFT_QPSK | 8.650 | 9.210 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 24@0 | DFT_QAM16 | 8.620 | 9.220 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 24@0 | DFT_QAM64 | 8.610 | 9.190 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 24@0 | DFT_QAM256 | 8.640 | 9.220 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 24@0 | CP_QPSK | 8.620 | 9.200 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 36@0 | DFT_BPSK | 13.470 | 13.710 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 36@0 | DFT_QPSK | 13.500 | 13.710 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 36@0 | DFT_QAM16 | 13.520 | 13.720 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 36@0 | DFT_QAM64 | 13.510 | 13.740 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 36@0 | DFT_QAM256 | 13.520 | 13.740 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 38@0 | CP_QPSK | 13.640 | 14.420 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 36@0 | DFT_BPSK | 13.510 | 13.720 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 36@0 | DFT_QPSK | 13.460 | 13.700 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 36@0 | DFT_QAM16 | 13.520 | 13.760 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 36@0 | DFT_QAM64 | 13.470 | 13.700 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 36@0 | DFT_QAM256 | 13.460 | 13.740 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 38@0 | CP_QPSK | 13.640 | 14.430 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 36@0 | DFT_BPSK | 13.500 | 13.710 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 36@0 | DFT_QPSK | 13.460 | 13.750 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 36@0 | DFT_QAM16 | 13.530 | 13.730 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 36@0 | DFT_QAM64 | 13.520 | 13.740 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 36@0 | DFT_QAM256 | 13.470 | 13.730 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 38@0 | CP_QPSK | 13.640 | 14.440 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 50@0 | DFT_BPSK | 18.100 | 18.950 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 50@0 | DFT_QPSK | 18.030 | 18.910 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 50@0 | DFT_QAM16 | 18.100 | 18.930 | PASS |

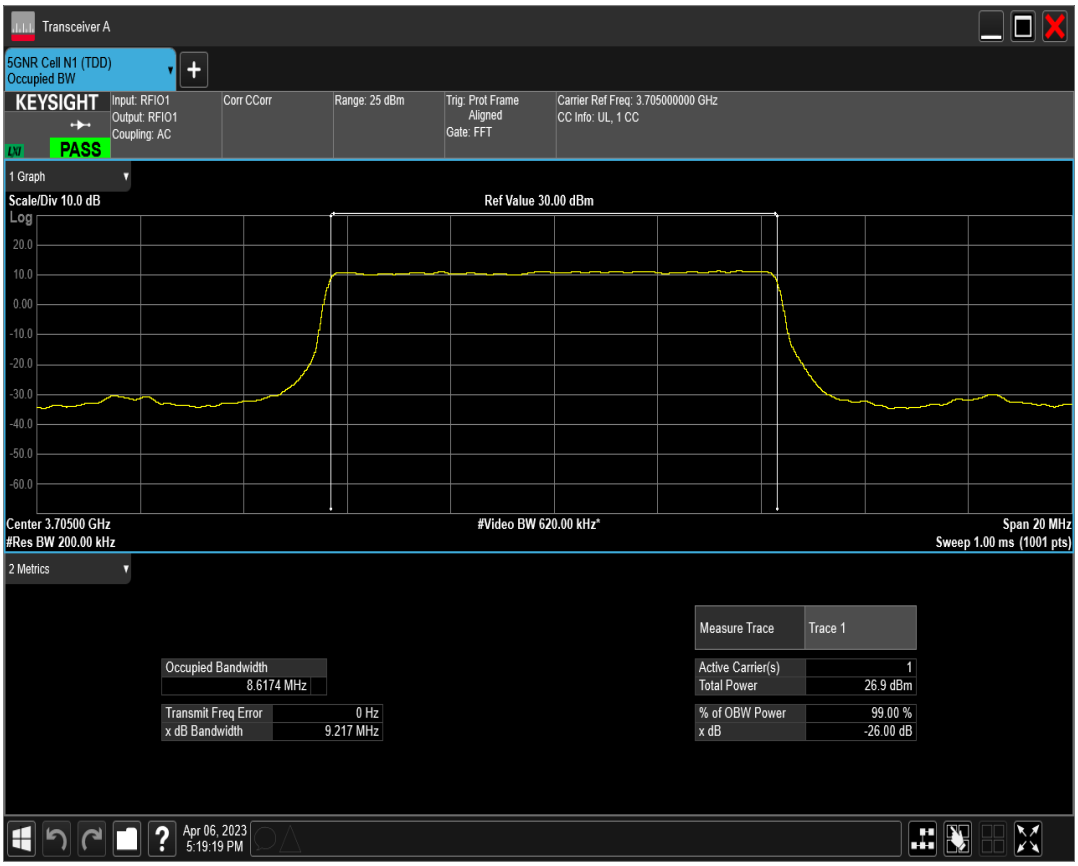
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| n77(3700-3980) | 30 | 20 | 647334 | 50@0 | DFT_QAM64 | 18.090 | 18.910 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 50@0 | DFT_QAM256 | 18.100 | 18.940 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 51@0 | CP_QPSK | 18.270 | 19.290 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 50@0 | DFT_BPSK | 18.100 | 18.920 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 50@0 | DFT_QPSK | 18.100 | 18.910 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 50@0 | DFT_QAM16 | 18.110 | 18.960 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 50@0 | DFT_QAM64 | 18.030 | 18.930 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 50@0 | DFT_QAM256 | 18.090 | 18.930 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 51@0 | CP_QPSK | 18.270 | 19.290 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 50@0 | DFT_BPSK | 18.110 | 18.950 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 50@0 | DFT_QPSK | 18.090 | 18.920 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 50@0 | DFT_QAM16 | 18.100 | 18.930 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 50@0 | DFT_QAM64 | 18.030 | 18.920 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 50@0 | DFT_QAM256 | 18.110 | 18.940 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 51@0 | CP_QPSK | 18.270 | 19.310 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 75@0 | DFT_BPSK | 27.630 | 28.410 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 75@0 | DFT_QPSK | 27.650 | 28.450 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 75@0 | DFT_QAM16 | 27.650 | 28.460 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 75@0 | DFT_QAM64 | 27.630 | 28.500 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 75@0 | DFT_QAM256 | 27.530 | 28.440 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 78@0 | CP_QPSK | 27.980 | 29.530 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 75@0 | DFT_BPSK | 27.640 | 28.430 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 75@0 | DFT_QPSK | 27.660 | 28.450 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 75@0 | DFT_QAM16 | 27.650 | 28.490 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 75@0 | DFT_QAM64 | 27.650 | 28.430 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 75@0 | DFT_QAM256 | 27.530 | 28.430 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 78@0 | CP_QPSK | 27.970 | 29.510 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 75@0 | DFT_BPSK | 27.610 | 28.430 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 75@0 | DFT_QPSK | 27.640 | 28.430 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 75@0 | DFT_QAM16 | 27.640 | 28.490 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 75@0 | DFT_QAM64 | 27.640 | 28.480 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 75@0 | DFT_QAM256 | 27.650 | 28.450 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 78@0 | CP_QPSK | 27.980 | 29.530 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 100@0 | DFT_BPSK | 37.610 | 37.870 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 100@0 | DFT_QPSK | 37.500 | 37.870 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 100@0 | DFT_QAM16 | 37.620 | 37.880 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 100@0 | DFT_QAM64 | 37.630 | 37.870 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 100@0 | DFT_QAM256 | 37.620 | 37.860 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 106@0 | CP_QPSK | 37.970 | 40.040 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 100@0 | DFT_BPSK | 37.620 | 37.860 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 100@0 | DFT_QPSK | 37.610 | 37.860 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 100@0 | DFT_QAM16 | 37.630 | 37.900 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 100@0 | DFT_QAM64 | 37.640 | 37.880 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 100@0 | DFT_QAM256 | 37.620 | 37.870 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| n77(3700-3980) | 30 | 40 | 656000 | 106@0 | CP_QPSK | 37.980 | 40.050 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 100@0 | DFT_BPSK | 37.610 | 37.880 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 100@0 | DFT_QPSK | 37.510 | 37.860 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 100@0 | DFT_QAM16 | 37.470 | 37.850 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 100@0 | DFT_QAM64 | 37.630 | 37.880 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 100@0 | DFT_QAM256 | 37.610 | 37.860 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 106@0 | CP_QPSK | 37.980 | 40.050 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 128@0 | DFT_BPSK | 47.020 | 48.370 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 128@0 | DFT_QPSK | 47.030 | 48.360 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 128@0 | DFT_QAM16 | 47.060 | 48.350 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 128@0 | DFT_QAM64 | 47.040 | 48.360 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 128@0 | DFT_QAM256 | 47.060 | 48.360 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 133@0 | CP_QPSK | 47.650 | 50.190 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 128@0 | DFT_BPSK | 47.080 | 48.390 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 128@0 | DFT_QPSK | 47.060 | 48.350 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 128@0 | DFT_QAM16 | 47.080 | 48.380 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 128@0 | DFT_QAM64 | 47.050 | 48.360 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 128@0 | DFT_QAM256 | 47.080 | 48.360 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 133@0 | CP_QPSK | 47.640 | 50.180 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 128@0 | DFT_BPSK | 47.080 | 48.360 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 128@0 | DFT_QPSK | 47.060 | 48.340 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 128@0 | DFT_QAM16 | 47.080 | 48.370 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 128@0 | DFT_QAM64 | 47.050 | 48.360 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 128@0 | DFT_QAM256 | 47.060 | 48.350 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 133@0 | CP_QPSK | 47.650 | 50.200 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 162@0 | DFT_BPSK | 57.920 | 60.970 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 162@0 | DFT_QPSK | 58.100 | 61.010 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 162@0 | DFT_QAM16 | 57.940 | 60.970 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 162@0 | DFT_QAM64 | 57.920 | 60.960 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 162@0 | DFT_QAM256 | 57.960 | 60.990 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 162@0 | CP_QPSK | 57.940 | 60.990 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 162@0 | DFT_BPSK | 57.930 | 60.990 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 162@0 | DFT_QPSK | 58.090 | 61.020 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 162@0 | DFT_QAM16 | 57.950 | 60.980 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 162@0 | DFT_QAM64 | 57.920 | 60.960 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 162@0 | DFT_QAM256 | 58.080 | 61.000 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 162@0 | CP_QPSK | 57.950 | 61.000 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 162@0 | DFT_BPSK | 57.930 | 60.970 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 162@0 | DFT_QPSK | 58.090 | 61.000 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 162@0 | DFT_QAM16 | 58.080 | 60.980 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 162@0 | DFT_QAM64 | 57.930 | 60.960 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 162@0 | DFT_QAM256 | 58.090 | 61.000 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 162@0 | CP_QPSK | 57.950 | 61.000 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 216@0 | DFT_BPSK | 77.470 | 81.360 | PASS |

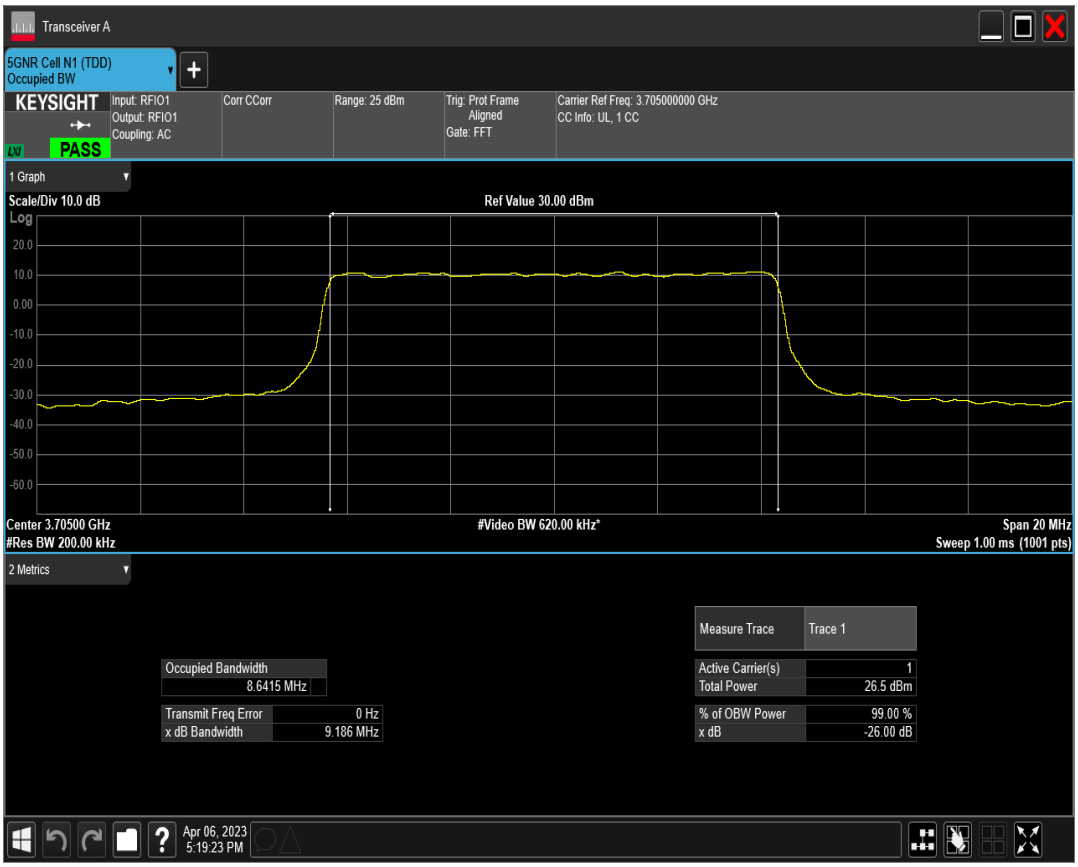
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| n77(3700-3980) | 30 | 80 | 649334 | 216@0 | DFT_QPSK | 77.470 | 81.360 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 216@0 | DFT_QAM16 | 77.450 | 81.350 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 216@0 | DFT_QAM64 | 77.270 | 81.340 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 216@0 | DFT_QAM256 | 77.460 | 81.340 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 217@0 | CP_QPSK | 77.760 | 81.740 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 216@0 | DFT_BPSK | 77.470 | 81.380 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 216@0 | DFT_QPSK | 77.480 | 81.350 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 216@0 | DFT_QAM16 | 77.460 | 81.360 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 216@0 | DFT_QAM64 | 77.460 | 81.350 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 216@0 | DFT_QAM256 | 77.450 | 81.370 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 217@0 | CP_QPSK | 77.770 | 81.750 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 216@0 | DFT_BPSK | 77.490 | 81.380 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 216@0 | DFT_QPSK | 77.500 | 81.360 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 216@0 | DFT_QAM16 | 77.490 | 81.370 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 216@0 | DFT_QAM64 | 77.470 | 81.350 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 216@0 | DFT_QAM256 | 77.470 | 81.380 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 217@0 | CP_QPSK | 77.790 | 81.770 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 240@0 | DFT_BPSK | 86.790 | 90.520 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 240@0 | DFT_QPSK | 86.800 | 90.490 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 240@0 | DFT_QAM16 | 86.830 | 90.520 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 240@0 | DFT_QAM64 | 86.560 | 90.520 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 240@0 | DFT_QAM256 | 86.780 | 90.520 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 245@0 | CP_QPSK | 87.630 | 92.280 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 240@0 | DFT_BPSK | 86.580 | 90.520 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 240@0 | DFT_QPSK | 86.780 | 90.460 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 240@0 | DFT_QAM16 | 86.840 | 90.550 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 240@0 | DFT_QAM64 | 86.780 | 90.490 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 240@0 | DFT_QAM256 | 86.790 | 90.510 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 245@0 | CP_QPSK | 87.630 | 92.290 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 240@0 | DFT_BPSK | 86.810 | 90.530 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 240@0 | DFT_QPSK | 86.840 | 90.530 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 240@0 | DFT_QAM16 | 86.890 | 90.550 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 240@0 | DFT_QAM64 | 86.840 | 90.510 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 240@0 | DFT_QAM256 | 86.820 | 90.540 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 245@0 | CP_QPSK | 87.650 | 92.310 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 270@0 | DFT_BPSK | 96.840 | 101.570 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 270@0 | DFT_QPSK | 96.590 | 101.530 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 270@0 | DFT_QAM16 | 96.850 | 101.580 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 270@0 | DFT_QAM64 | 96.820 | 101.610 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 270@0 | DFT_QAM256 | 96.830 | 101.620 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 273@0 | CP_QPSK | 97.630 | 102.680 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 270@0 | DFT_BPSK | 96.820 | 101.600 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 270@0 | DFT_QPSK | 96.580 | 101.530 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 270@0 | DFT_QAM16 | 96.840 | 101.590 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| n77(3700-3980) | 30 | 100 | 656000 | 270@0 | DFT_QAM64 | 96.810 | 101.610 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 270@0 | DFT_QAM256 | 96.830 | 101.610 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 273@0 | CP_QPSK | 97.620 | 102.690 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 270@0 | DFT_BPSK | 96.900 | 101.600 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 270@0 | DFT_QPSK | 96.860 | 101.600 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 270@0 | DFT_QAM16 | 96.900 | 101.600 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 270@0 | DFT_QAM64 | 96.880 | 101.640 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 270@0 | DFT_QAM256 | 96.880 | 101.650 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 273@0 | CP_QPSK | 97.680 | 102.710 | PASS |

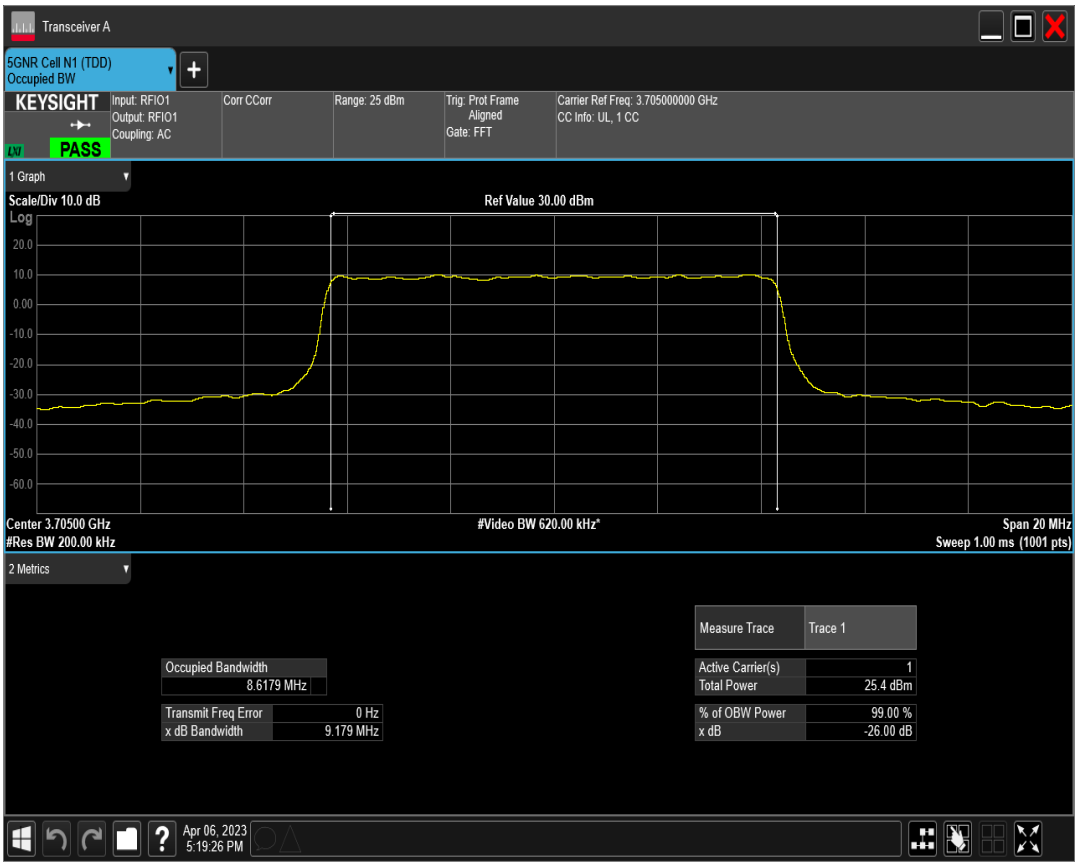
n77(3700-3980) SCS=30kHz DFT_BPSK BW=10MHz Channel=647000 RB=24@0



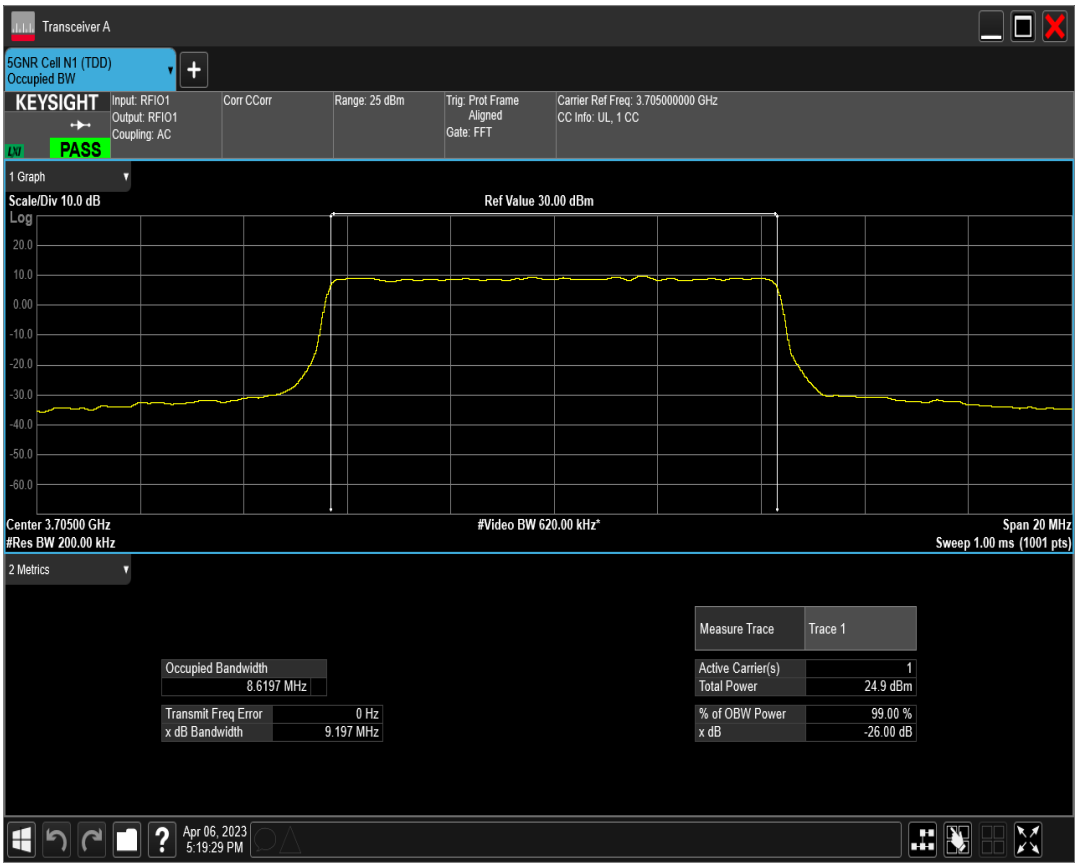

n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=647000 RB=24@0



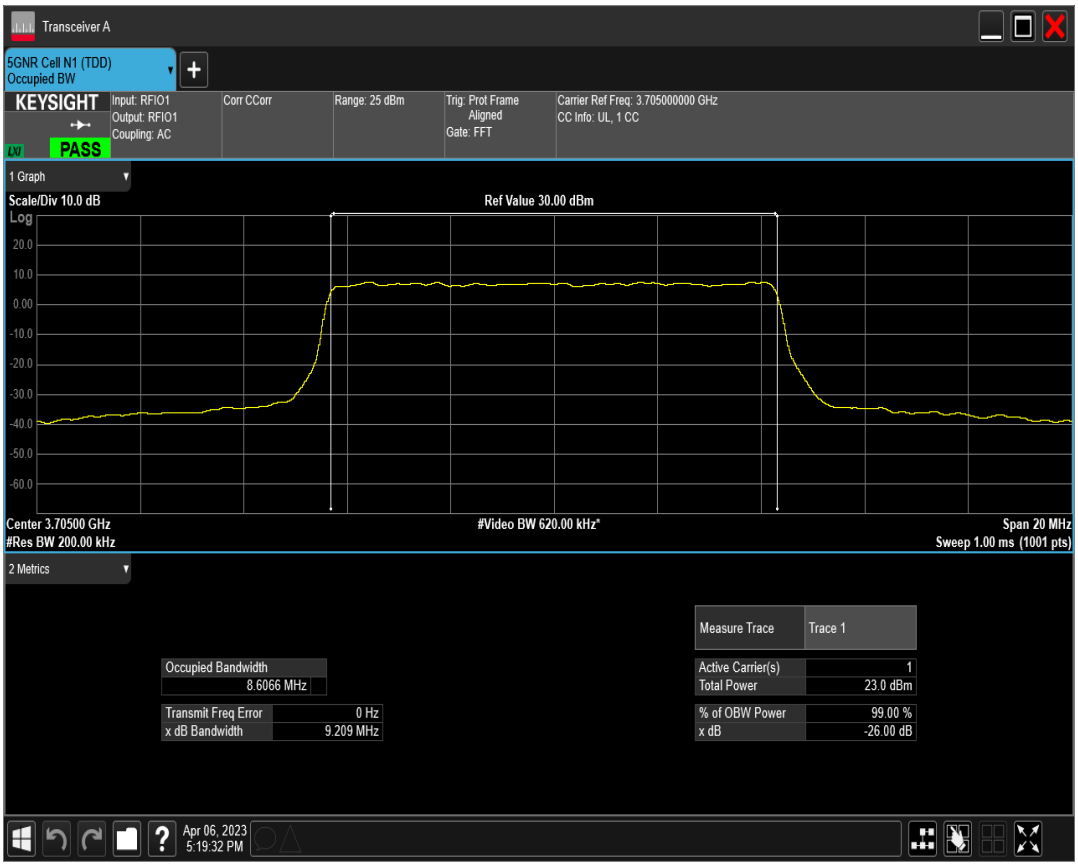

n77(3700-3980) SCS=30kHz DFT_QAM16 BW=10MHz Channel=647000 RB=24@0



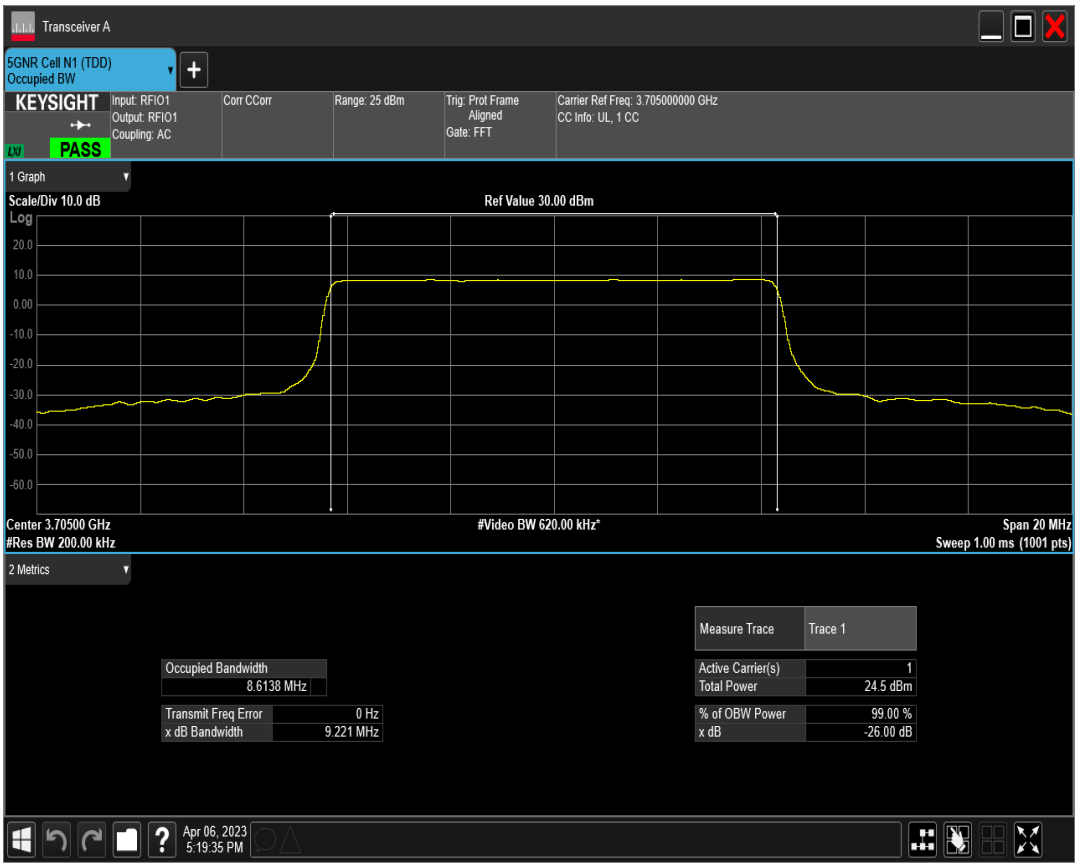

n77(3700-3980) SCS=30kHz DFT_QAM64 BW=10MHz Channel=647000 RB=24@0



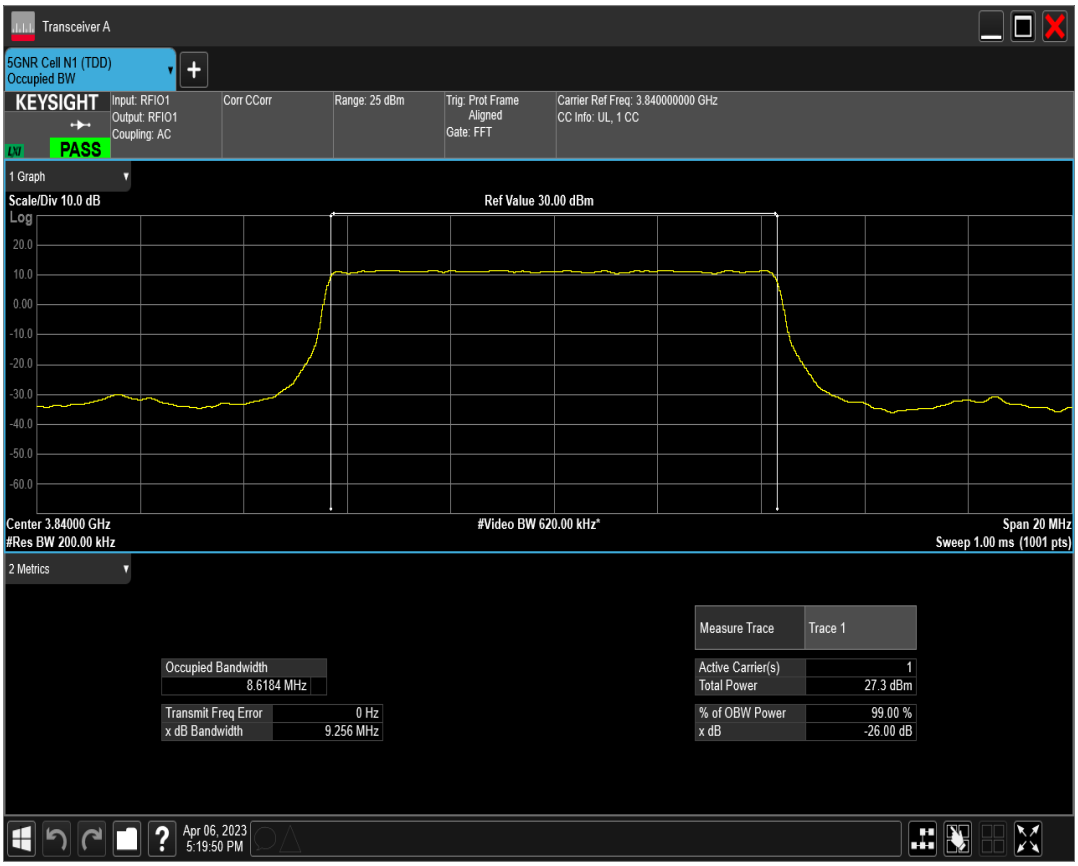

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=10MHz Channel=647000 RB=24@0



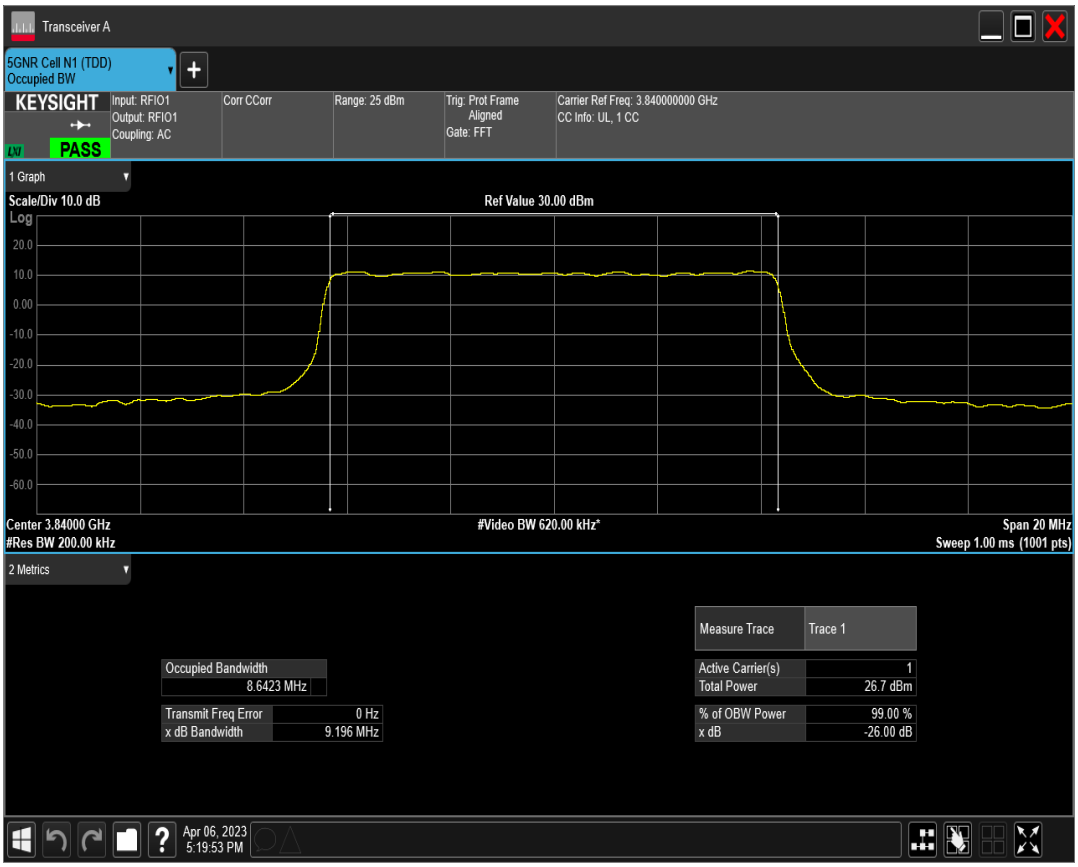

n77(3700-3980) SCS=30kHz CP_QPSK BW=10MHz Channel=647000 RB=24@0



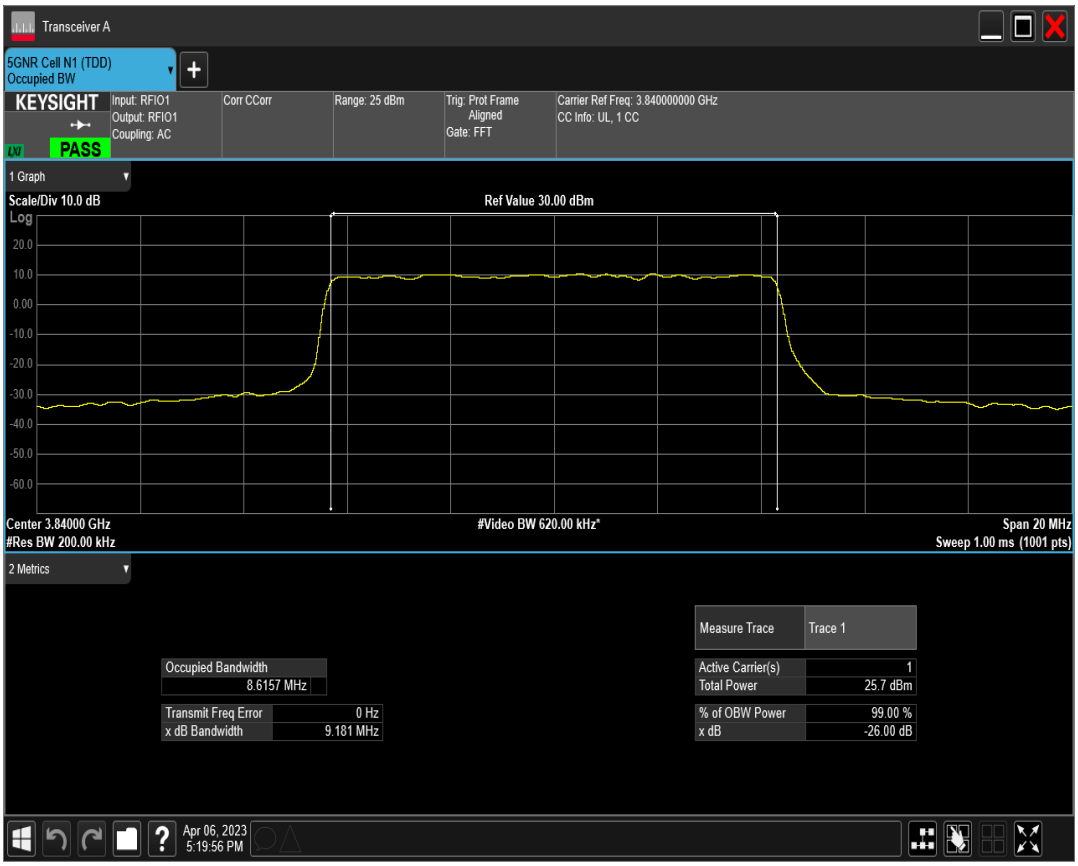

n77(3700-3980) SCS=30kHz DFT_BPSK BW=10MHz Channel=656000 RB=24@0



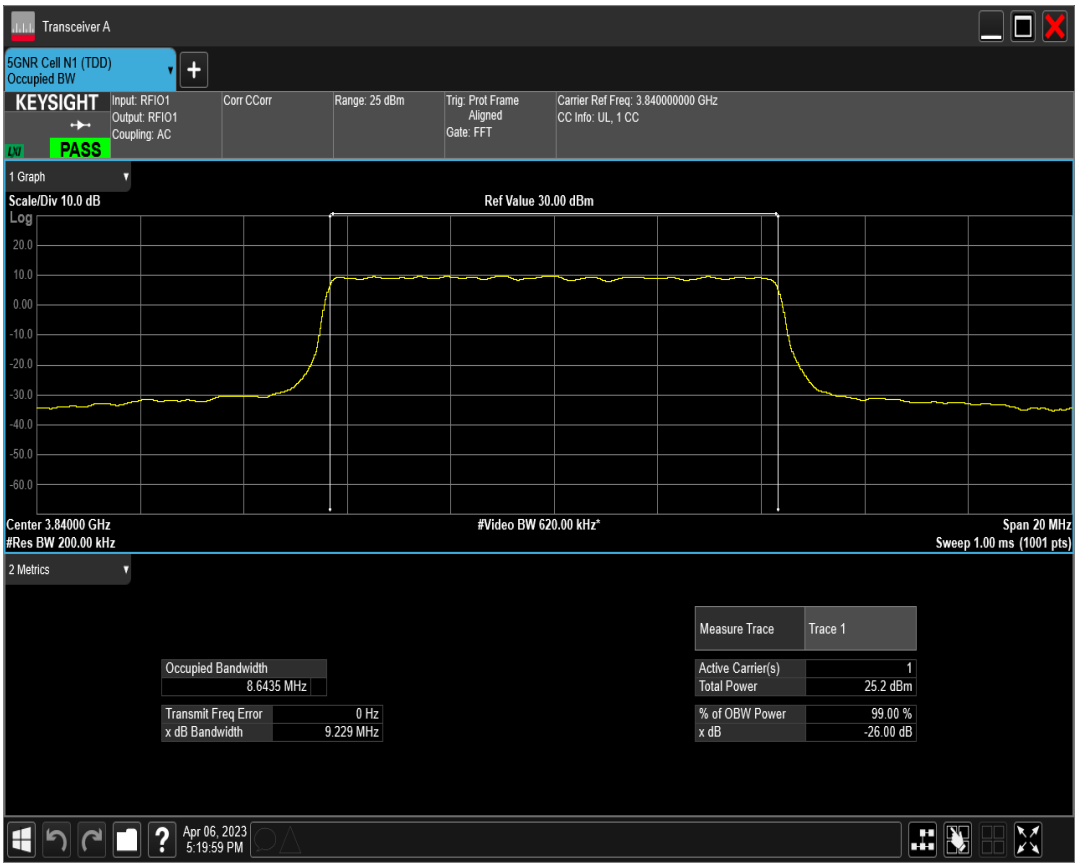

n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=656000 RB=24@0



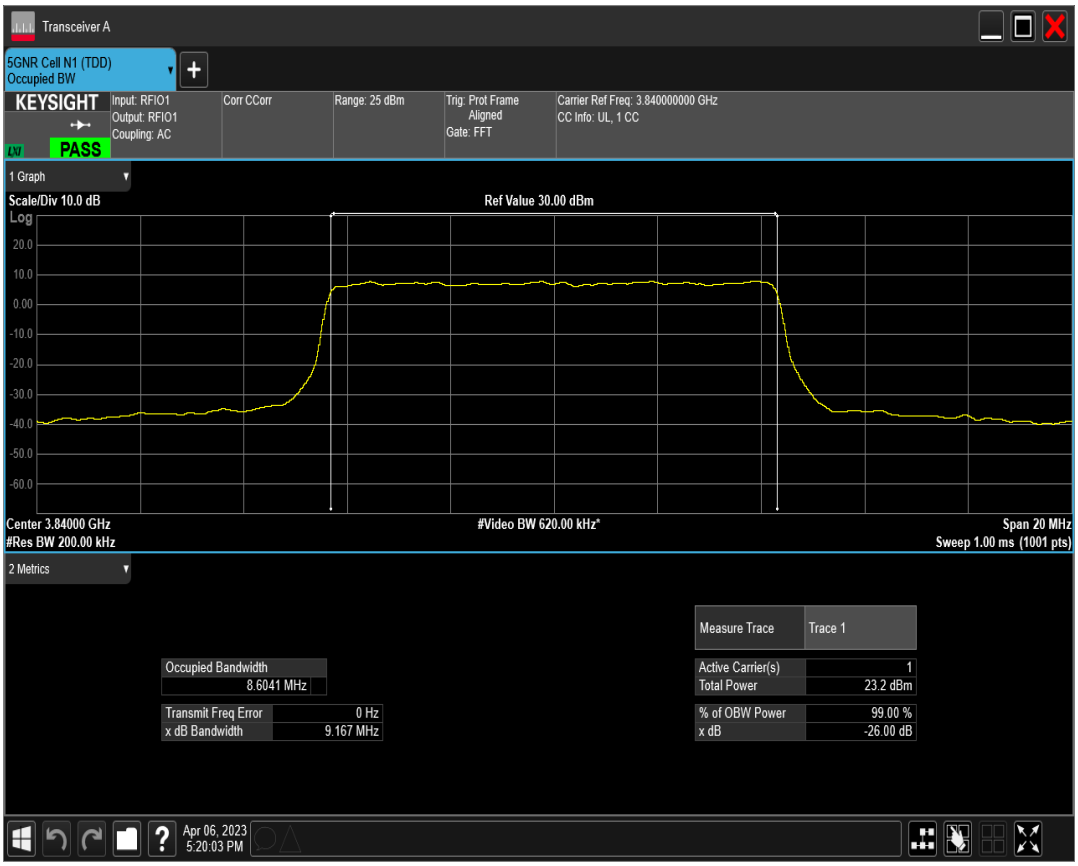

n77(3700-3980) SCS=30kHz DFT_QAM16 BW=10MHz Channel=656000 RB=24@0



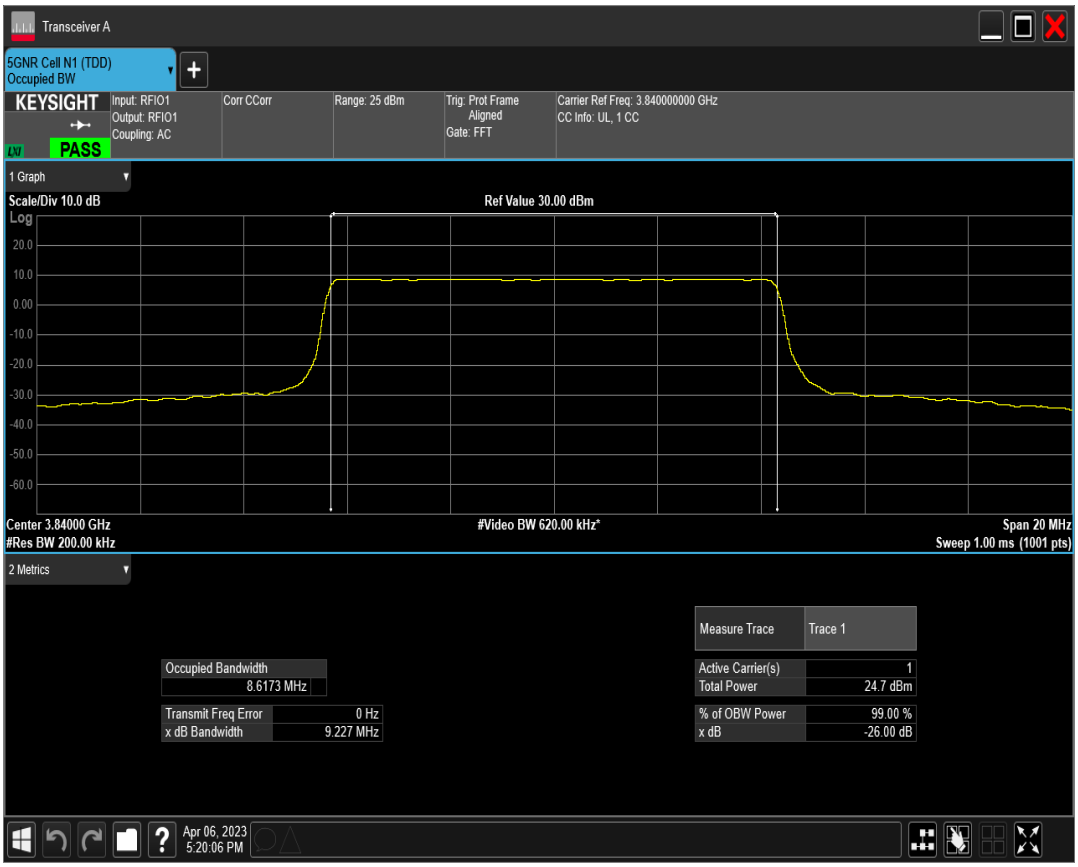

n77(3700-3980) SCS=30kHz DFT_QAM64 BW=10MHz Channel=656000 RB=24@0




n77(3700-3980) SCS=30kHz DFT_QAM256 BW=10MHz Channel=656000 RB=24@0

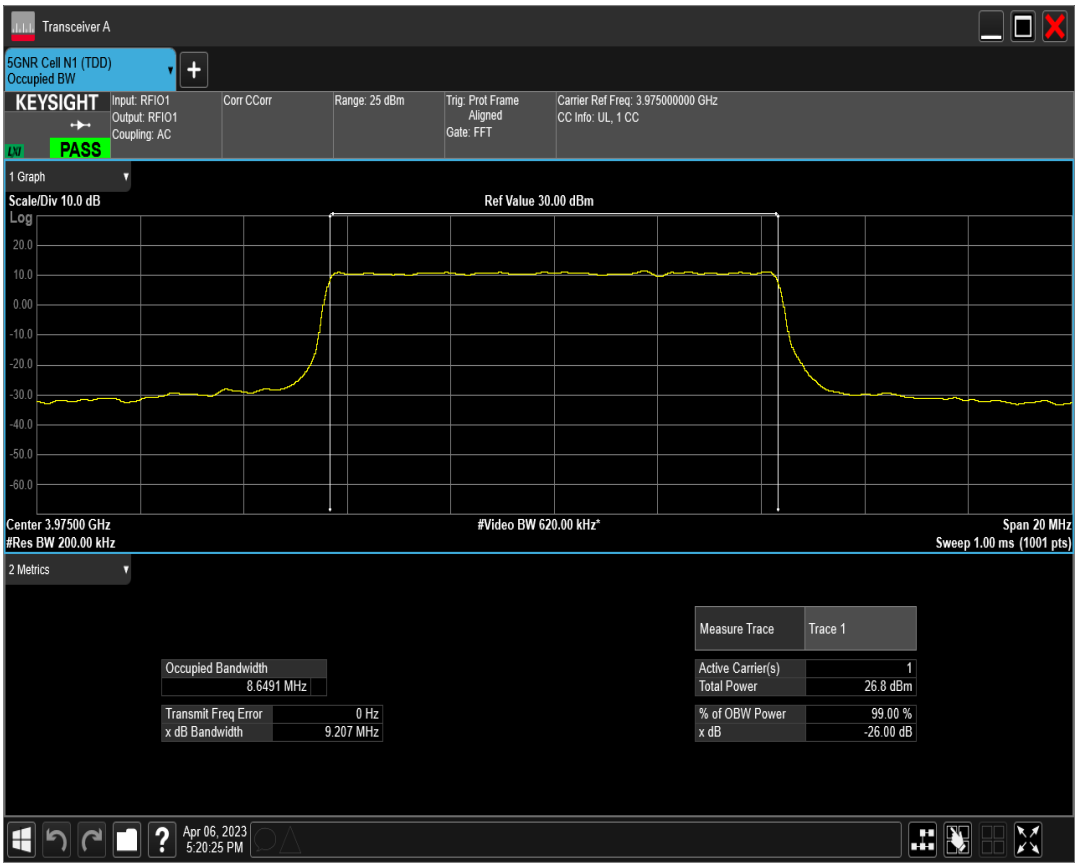



n77(3700-3980) SCS=30kHz CP_QPSK BW=10MHz Channel=656000 RB=24@0

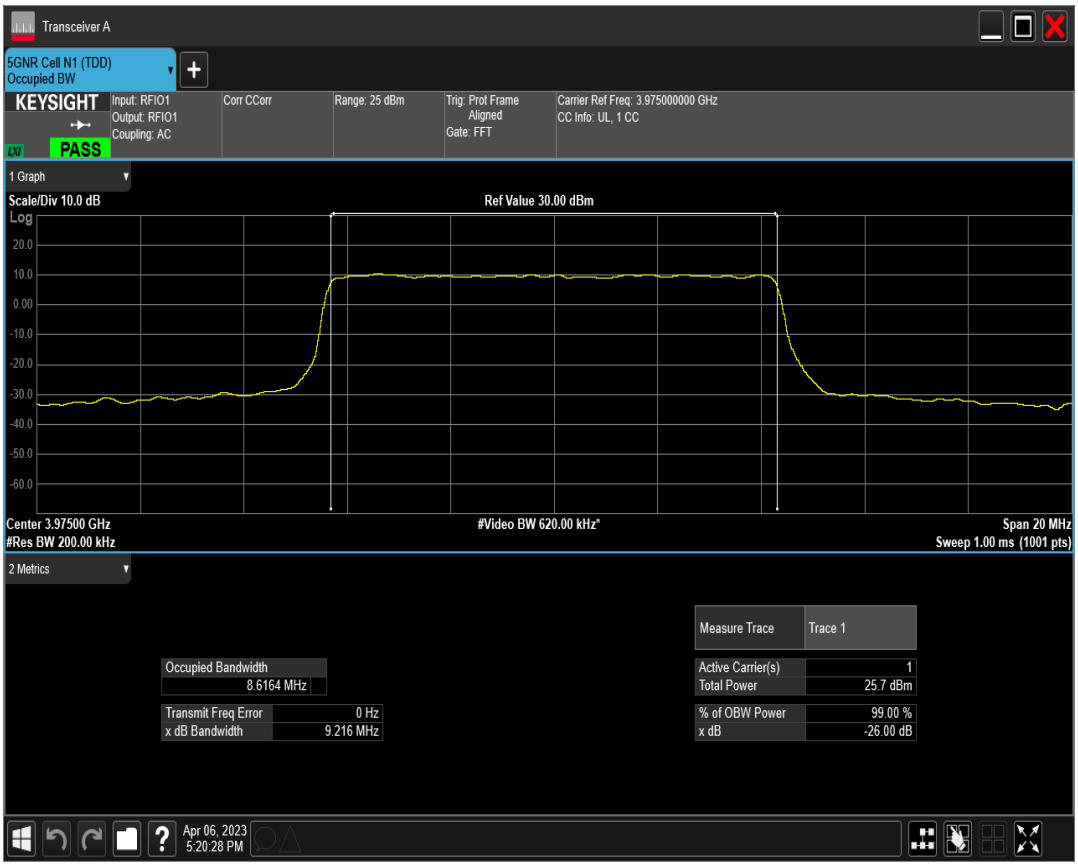



n77(3700-3980) SCS=30kHz DFT_BPSK BW=10MHz Channel=665000 RB=24@0

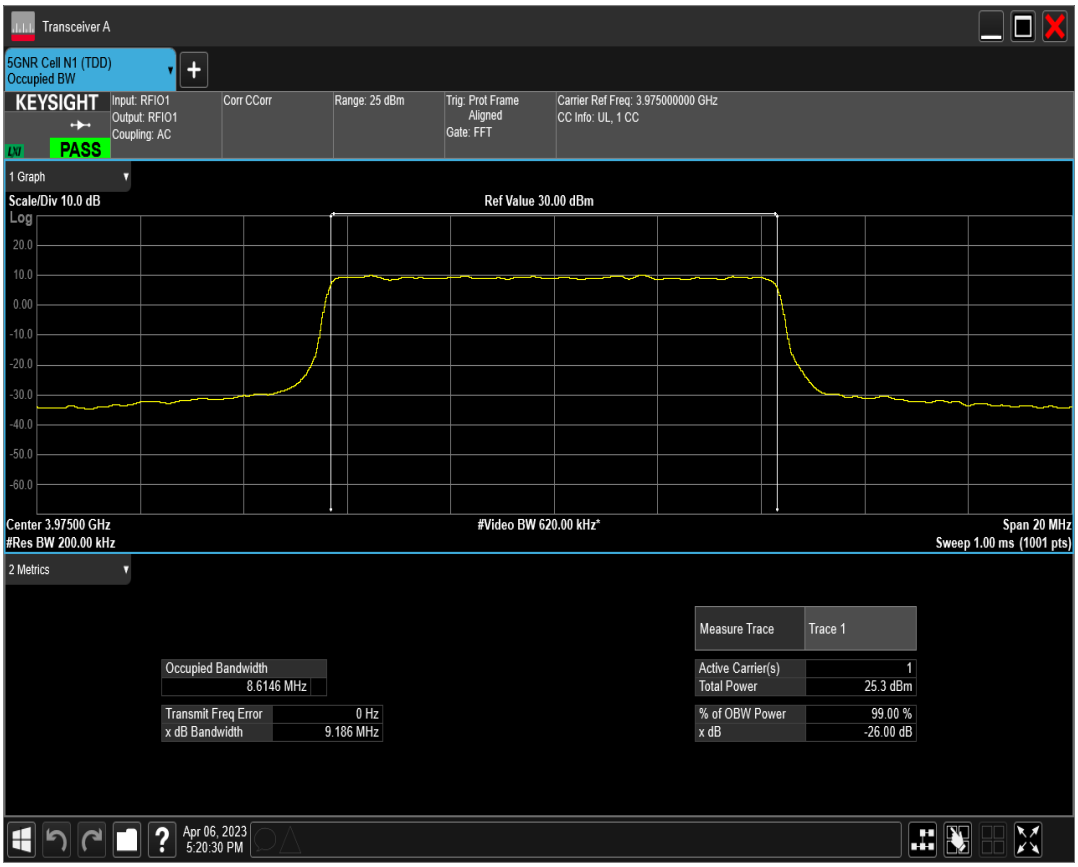
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=665000 RB=24@0



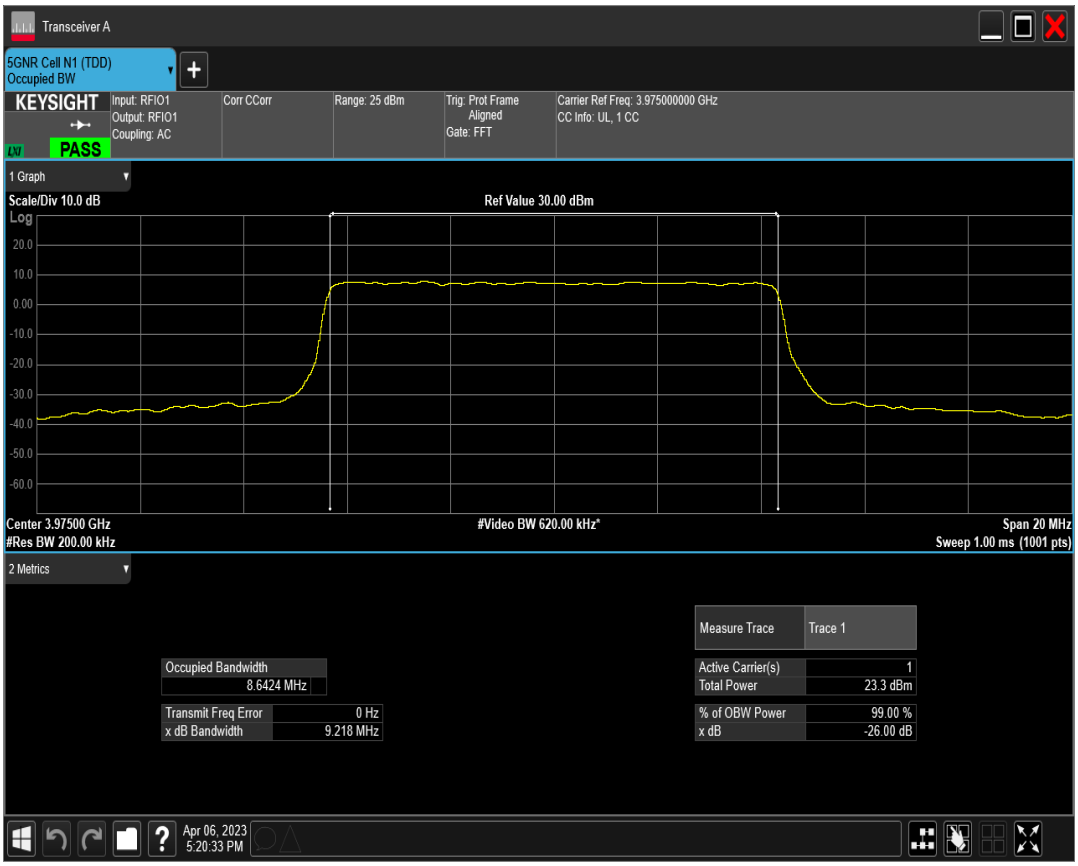

n77(3700-3980) SCS=30kHz DFT_QAM16 BW=10MHz Channel=665000 RB=24@0



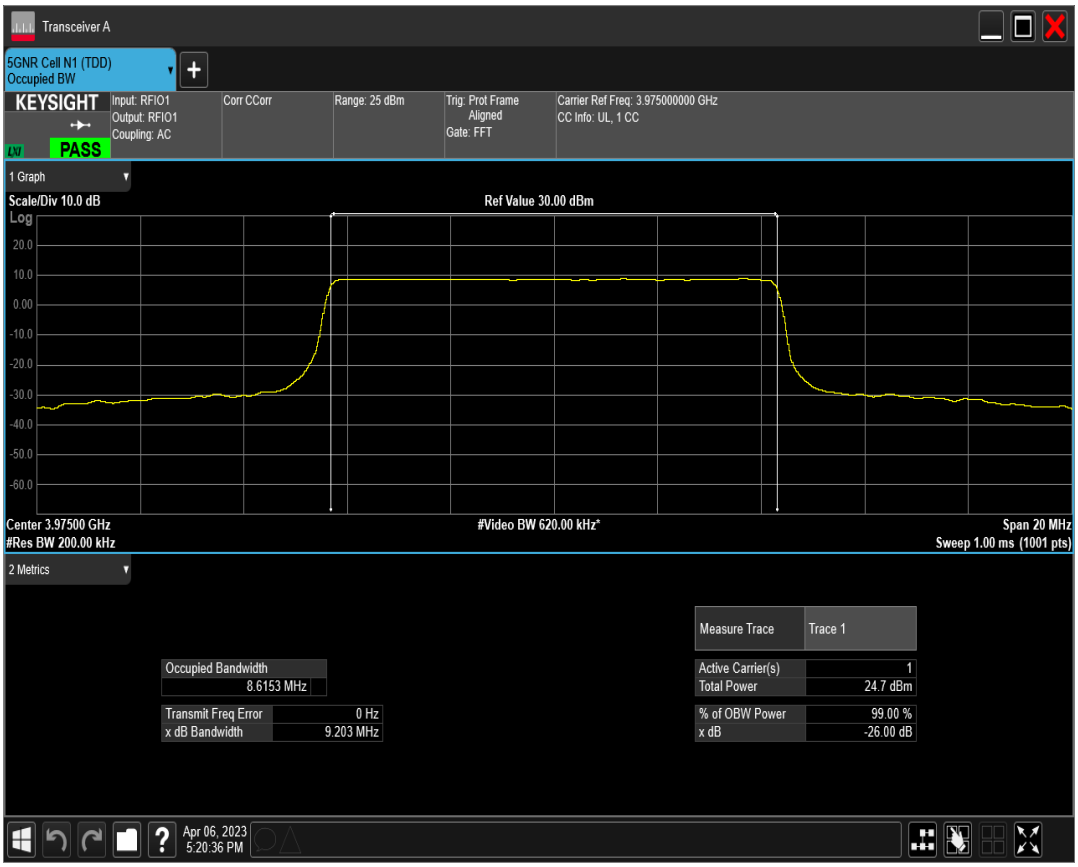

n77(3700-3980) SCS=30kHz DFT_QAM64 BW=10MHz Channel=665000 RB=24@0



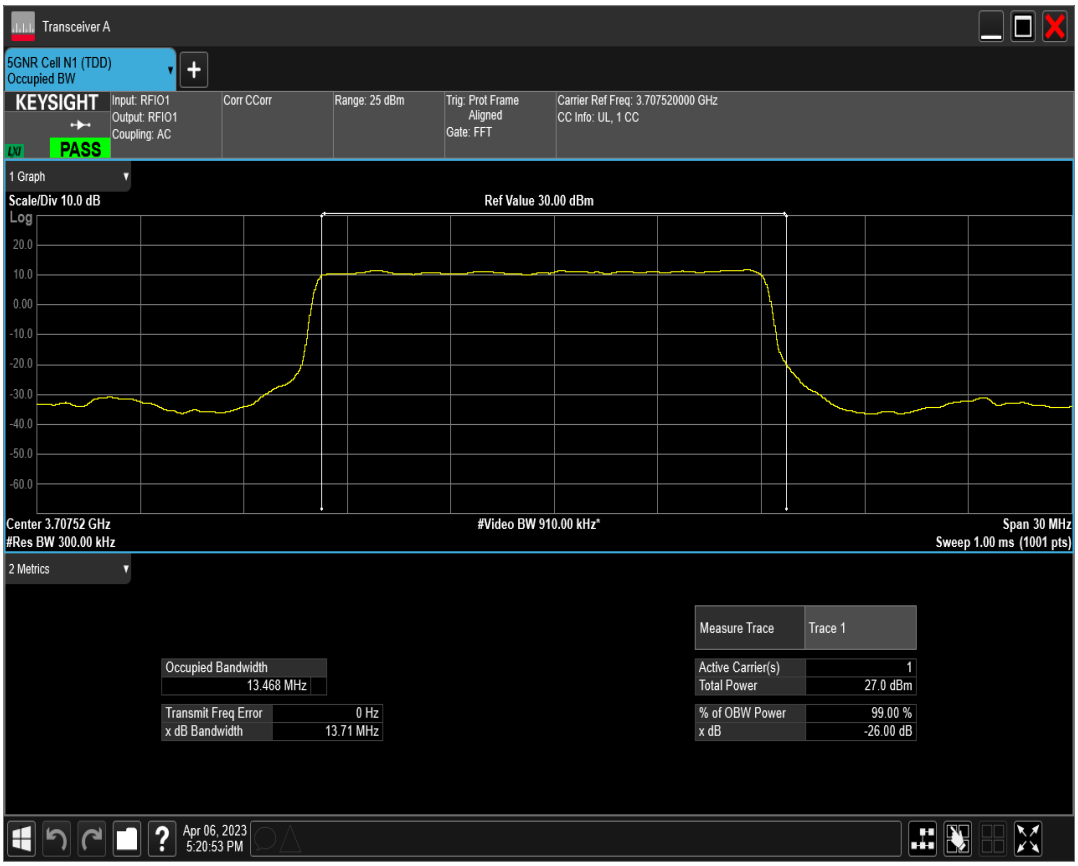

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=10MHz Channel=665000 RB=24@0



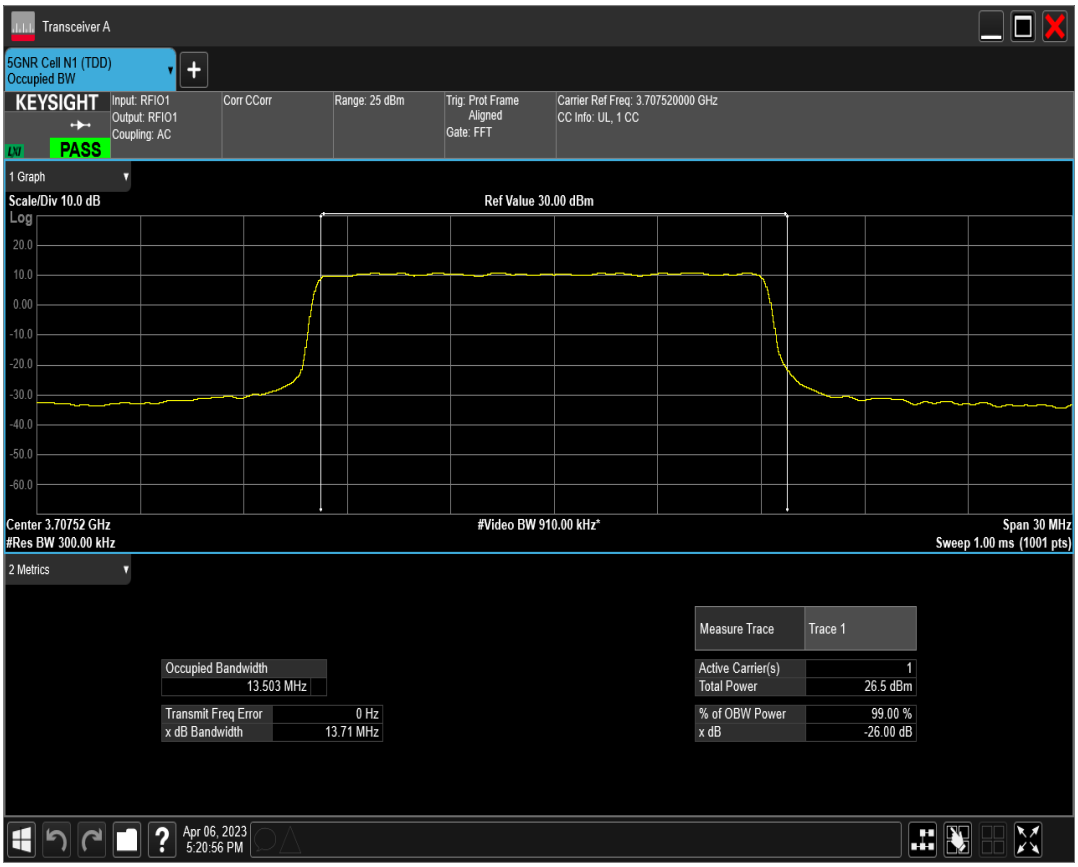

n77(3700-3980) SCS=30kHz CP_QPSK BW=10MHz Channel=665000 RB=24@0



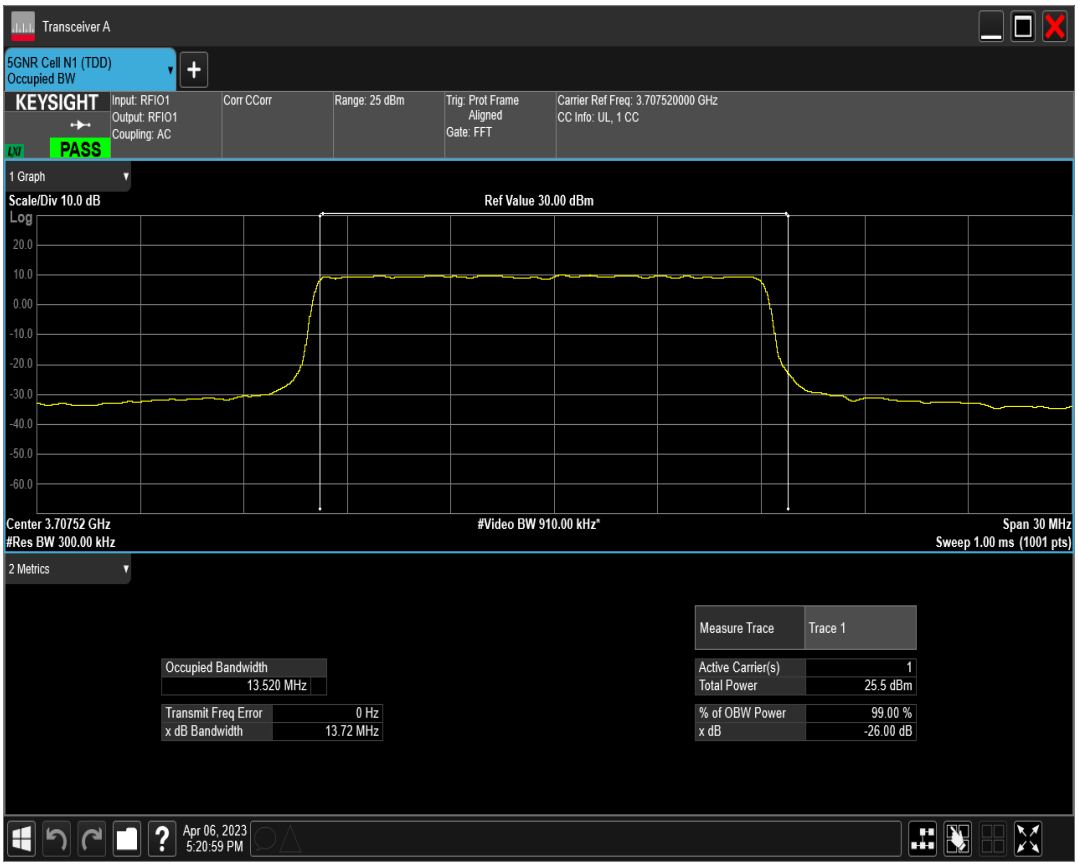

n77(3700-3980) SCS=30kHz DFT_BPSK BW=15MHz Channel=647168 RB=36@0



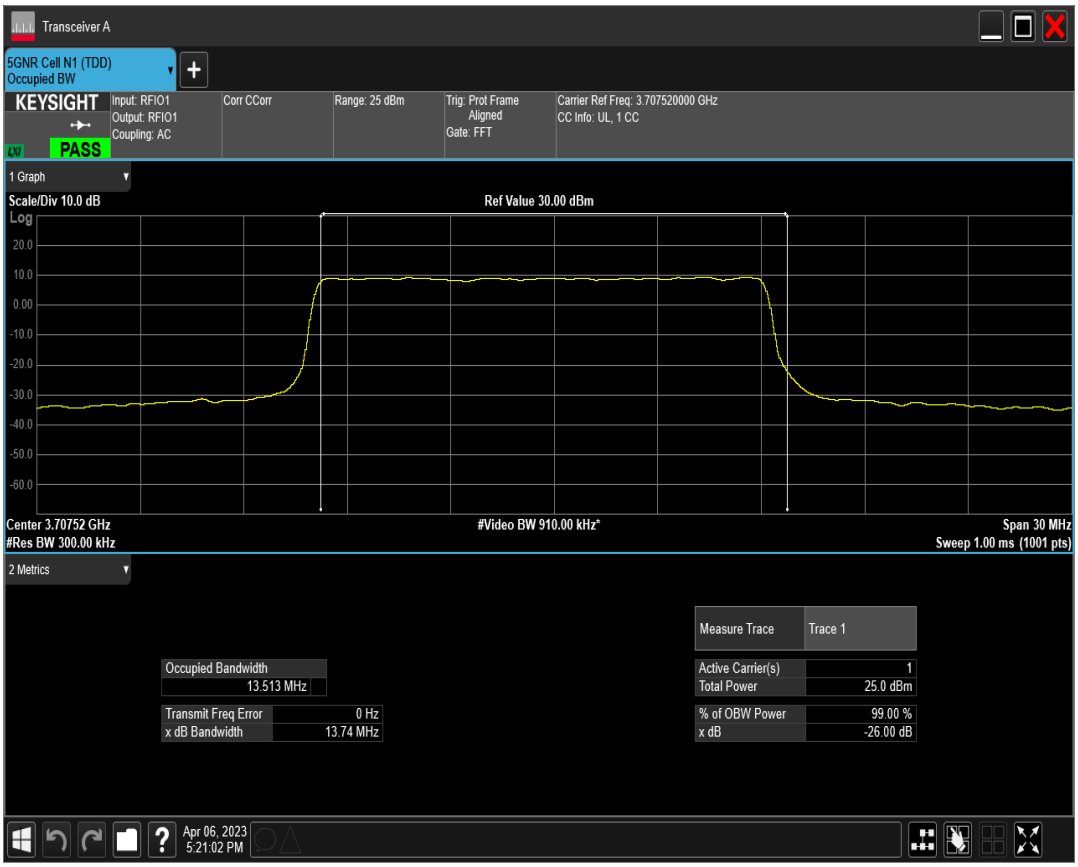

n77(3700-3980) SCS=30kHz DFT_QPSK BW=15MHz Channel=647168 RB=36@0



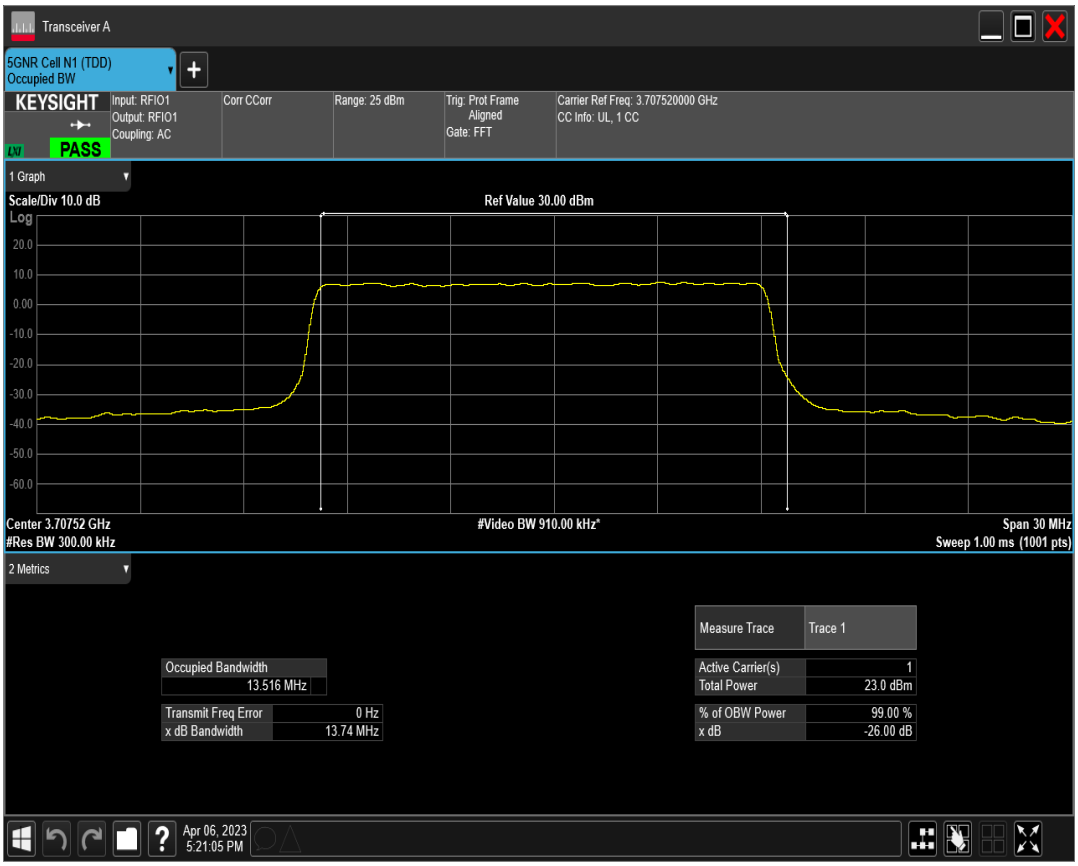

n77(3700-3980) SCS=30kHz DFT_QAM16 BW=15MHz Channel=647168 RB=36@0



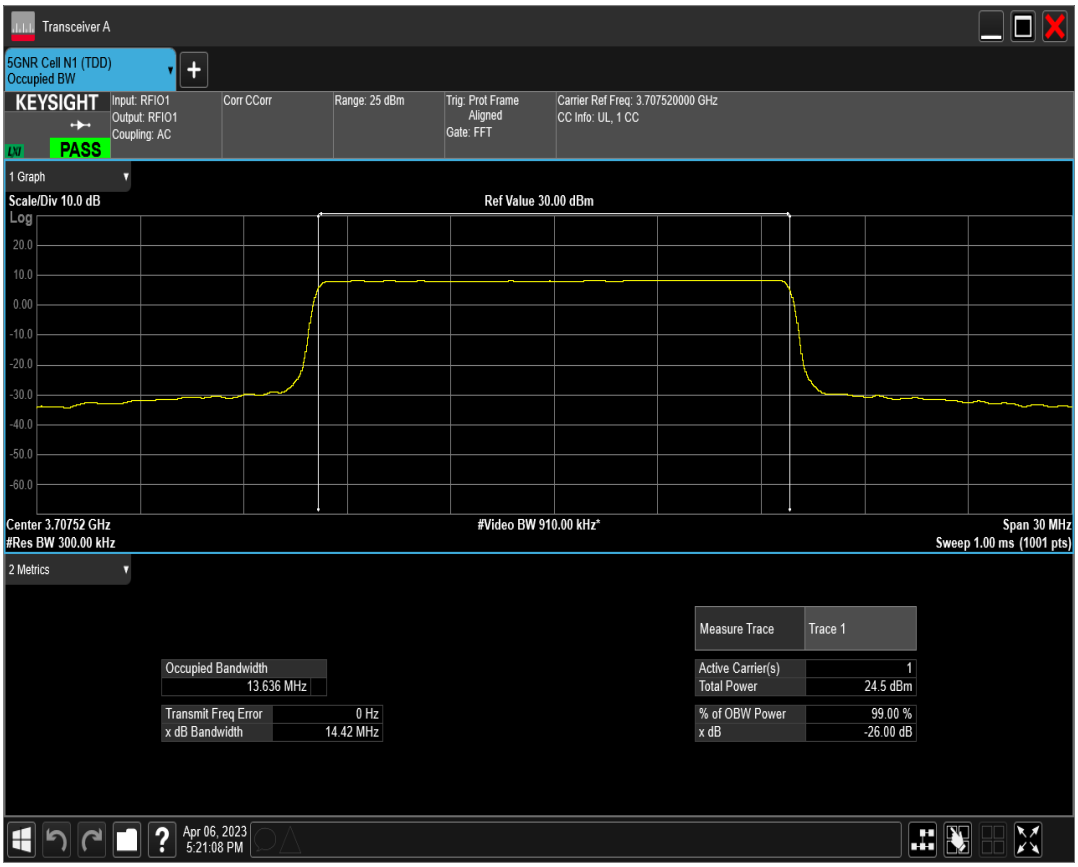

n77(3700-3980) SCS=30kHz DFT_QAM64 BW=15MHz Channel=647168 RB=36@0



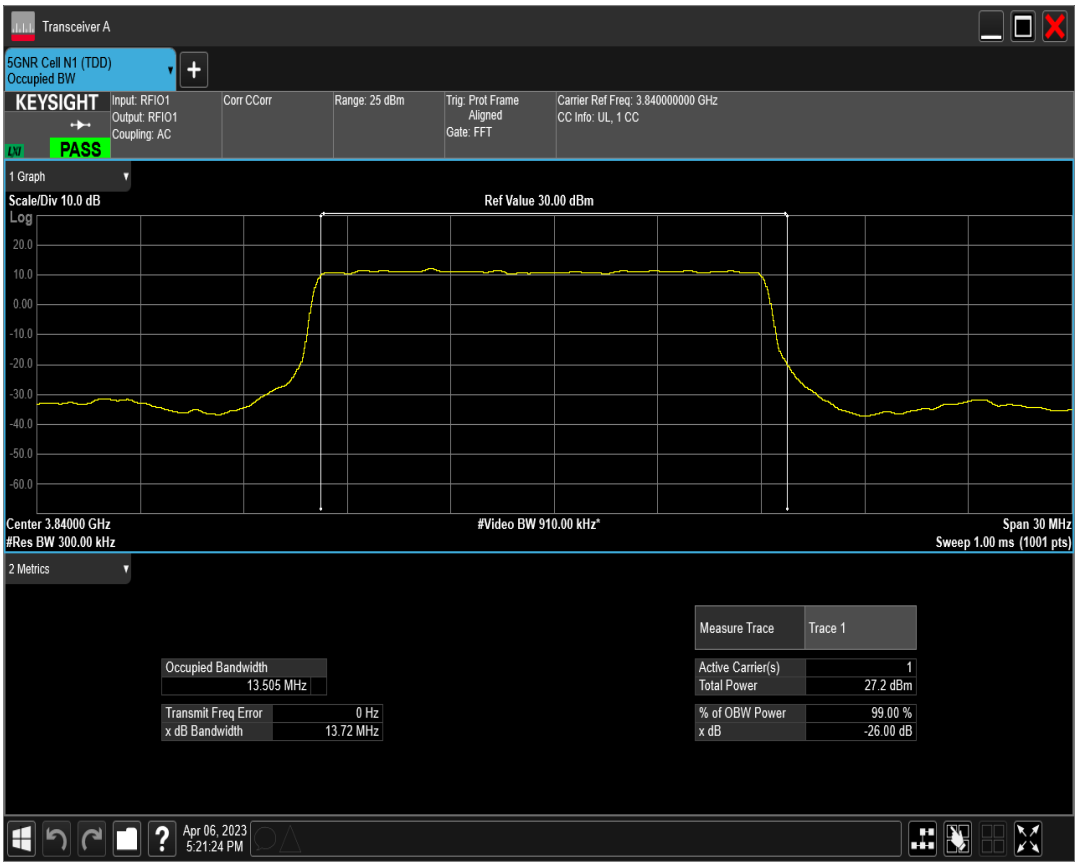

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=15MHz Channel=647168 RB=36@0



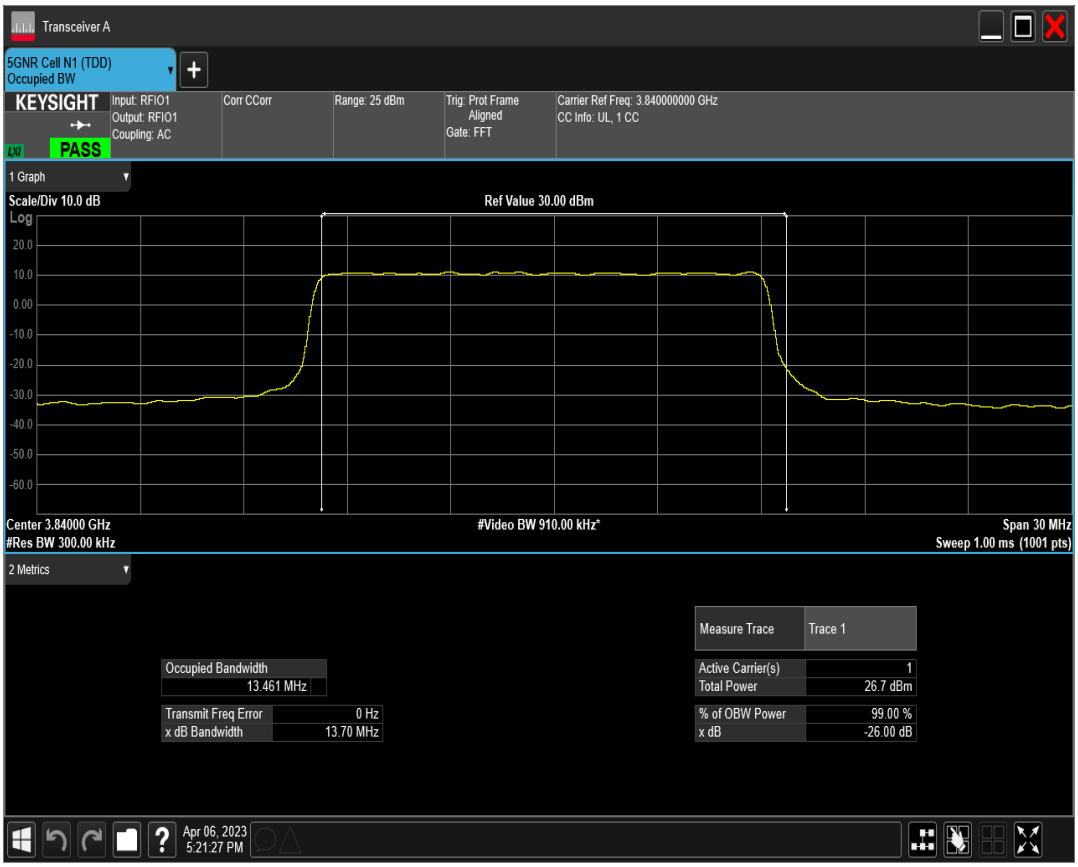

n77(3700-3980) SCS=30kHz CP_QPSK BW=15MHz Channel=647168 RB=38@0



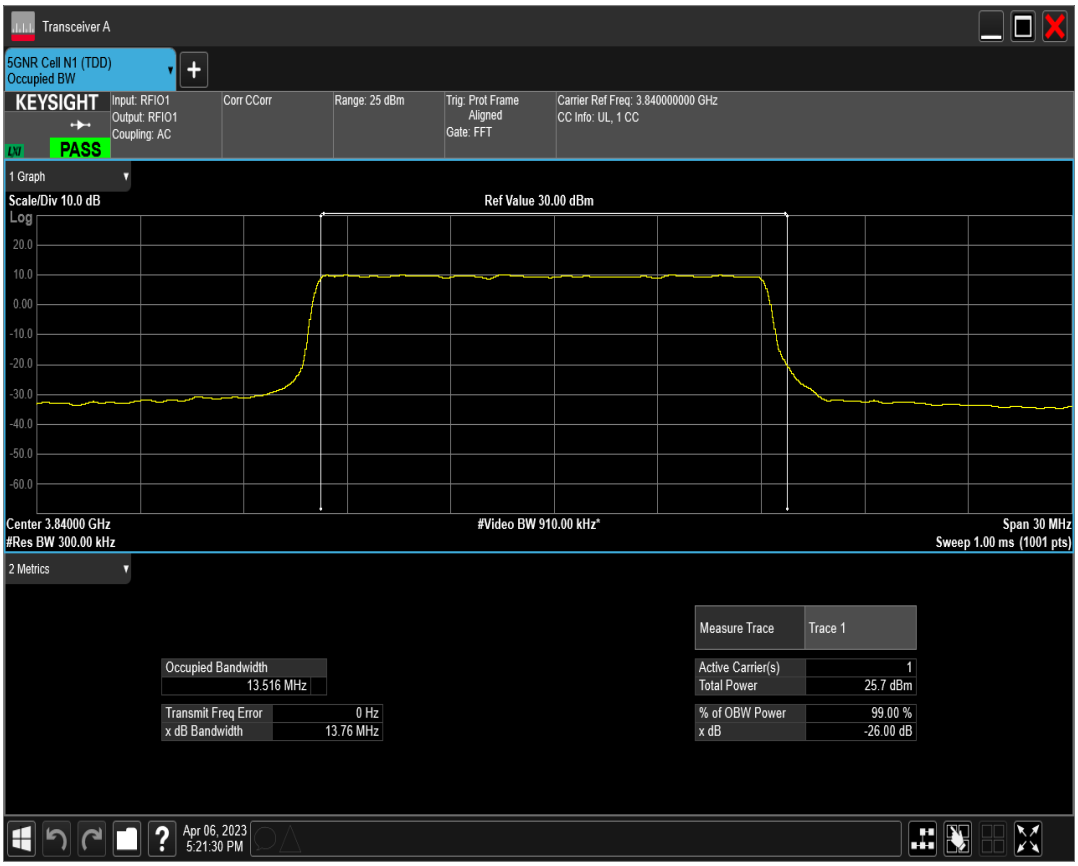

n77(3700-3980) SCS=30kHz DFT_BPSK BW=15MHz Channel=656000 RB=36@0



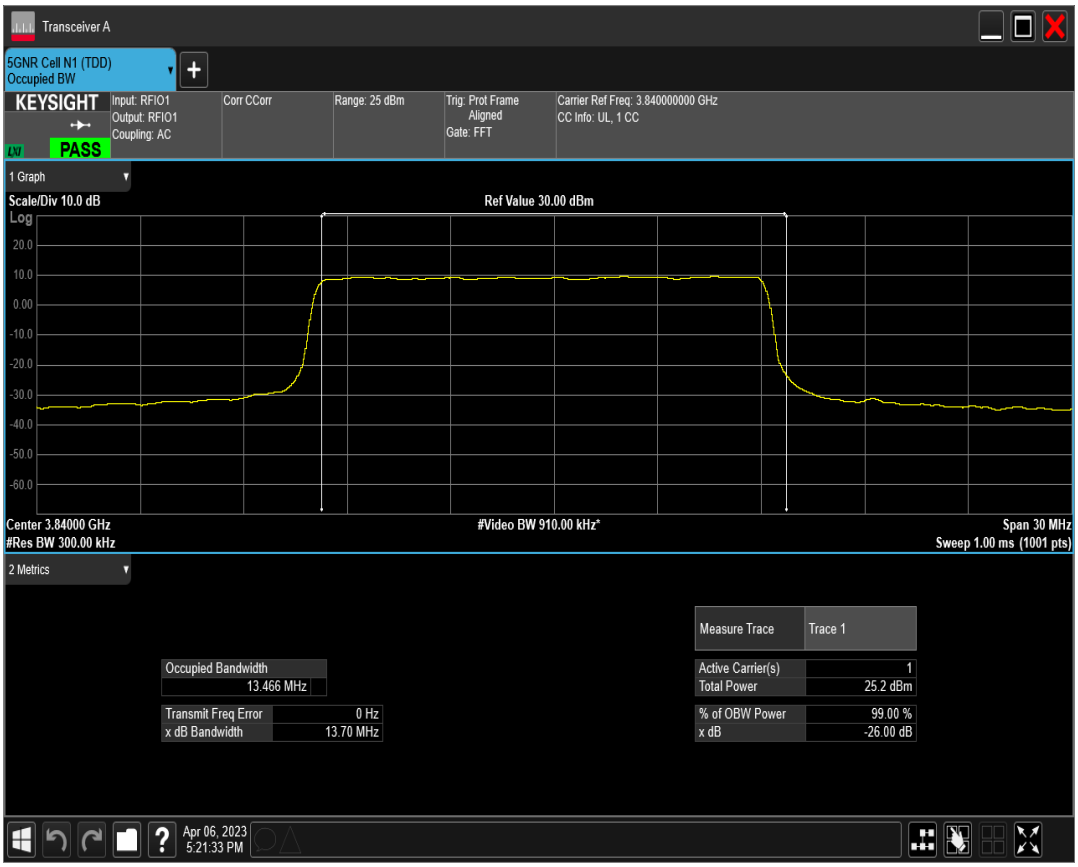

n77(3700-3980) SCS=30kHz DFT_QPSK BW=15MHz Channel=656000 RB=36@0




n77(3700-3980) SCS=30kHz DFT_QAM16 BW=15MHz Channel=656000 RB=36@0




n77(3700-3980) SCS=30kHz DFT_QAM64 BW=15MHz Channel=656000 RB=36@0

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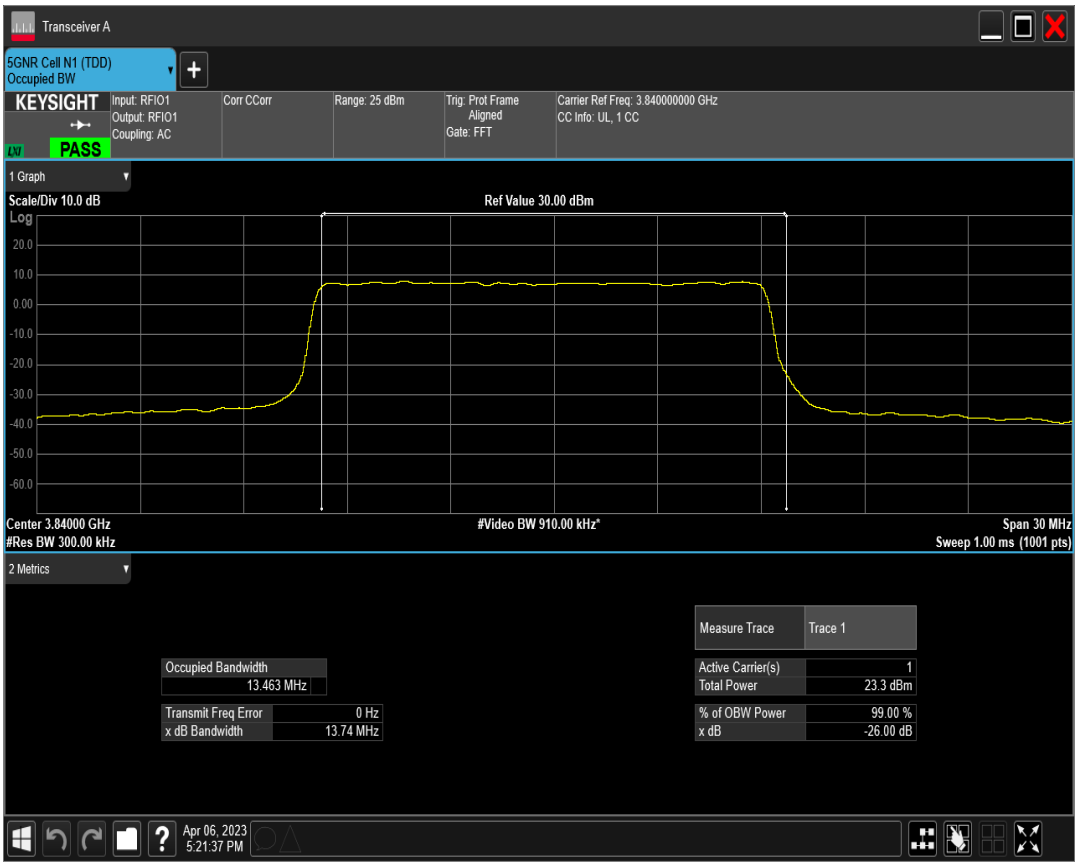
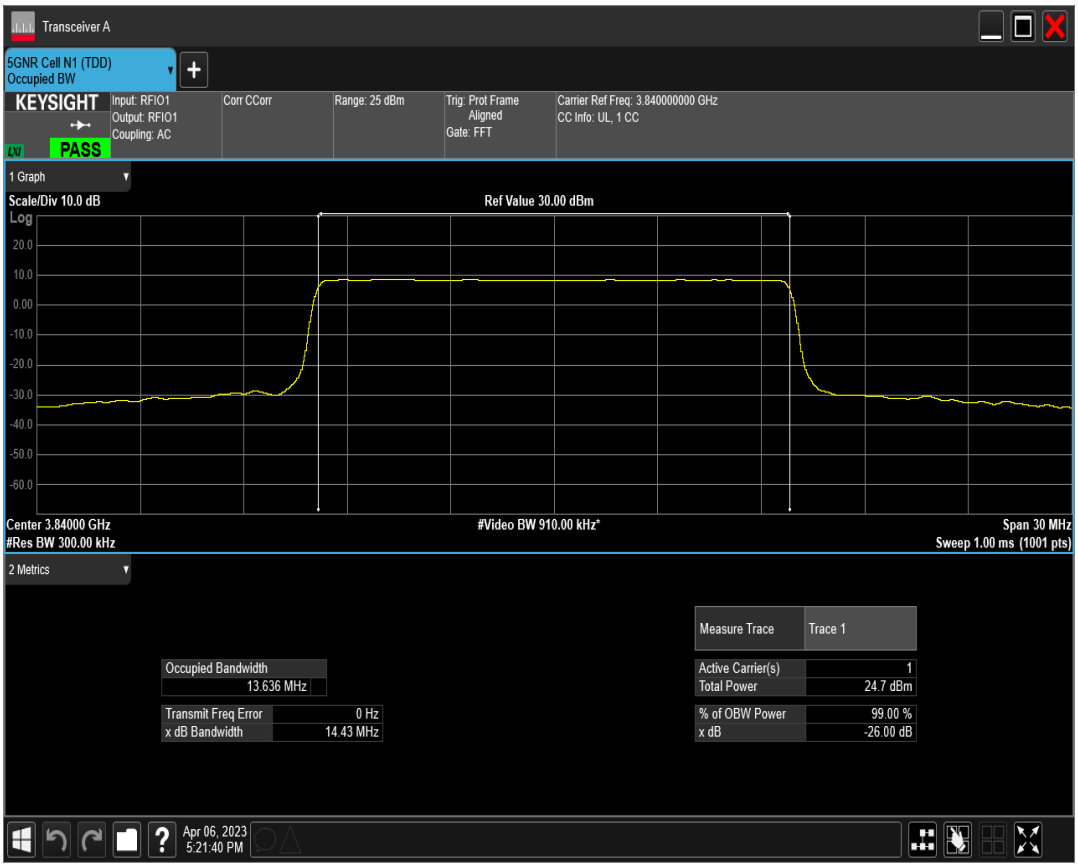
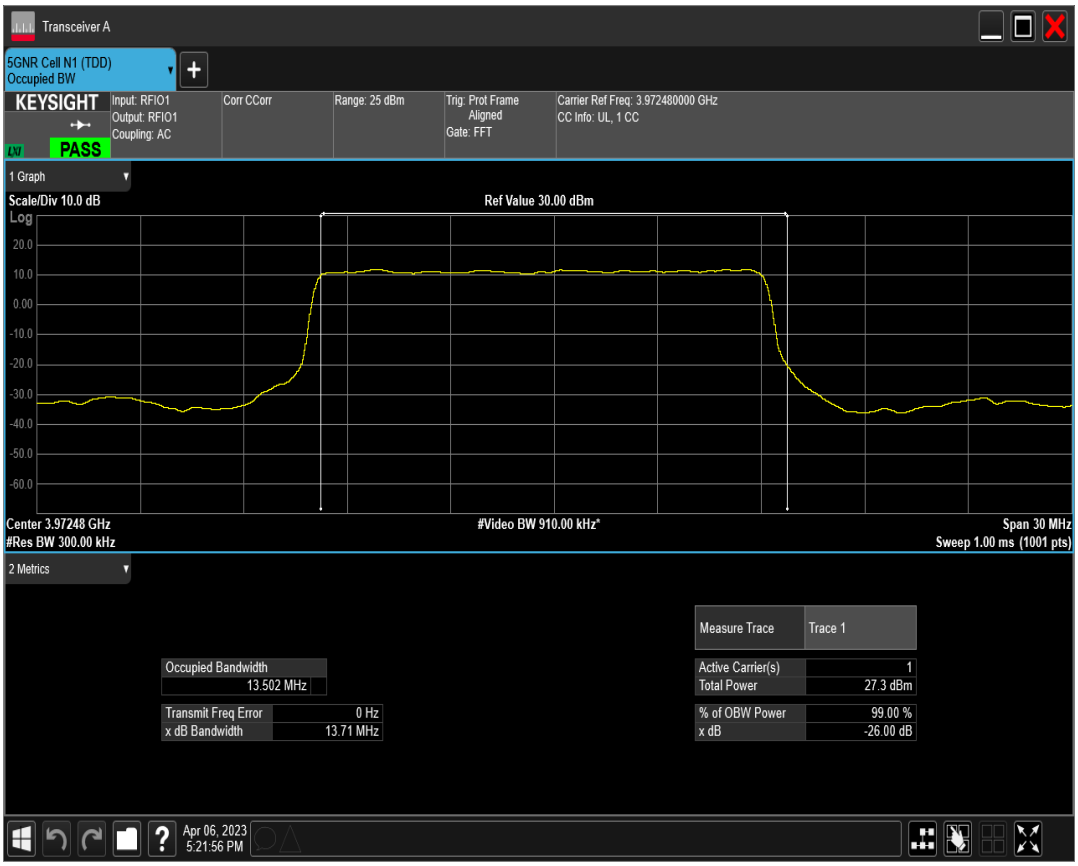


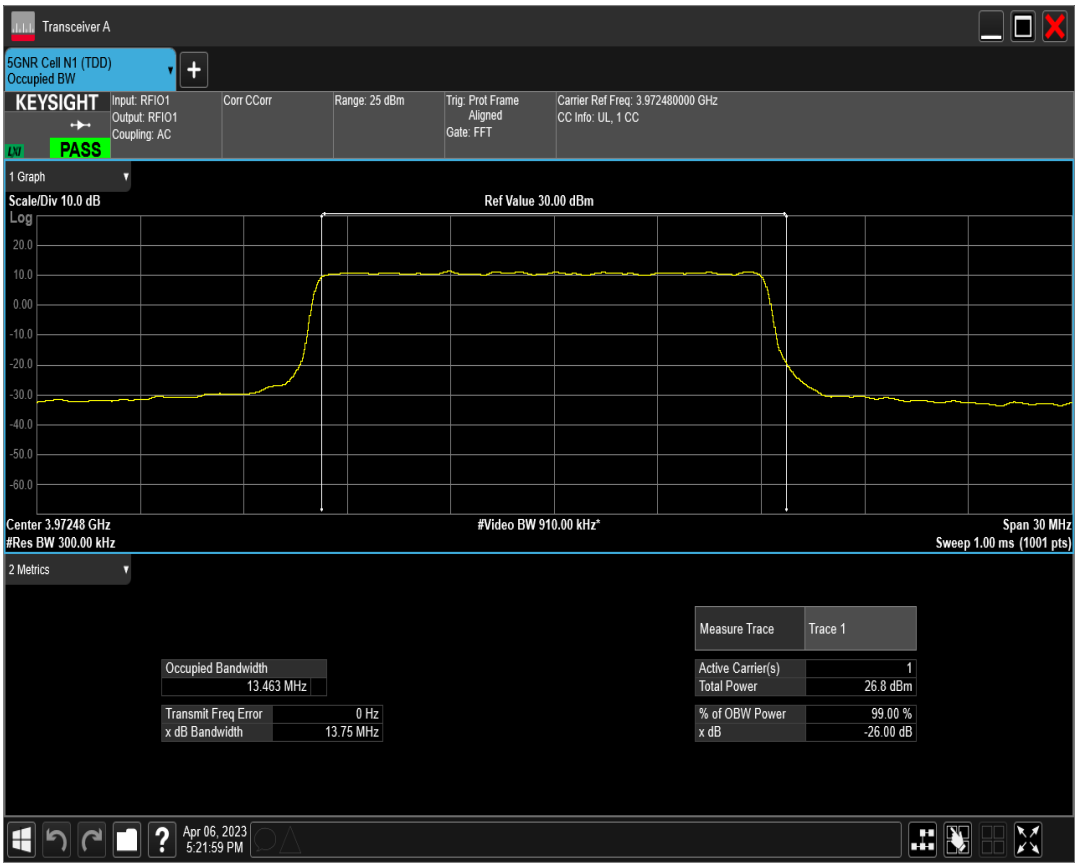

n77(3700-3980) SCS=30kHz CP_QPSK BW=15MHz Channel=656000 RB=38@0



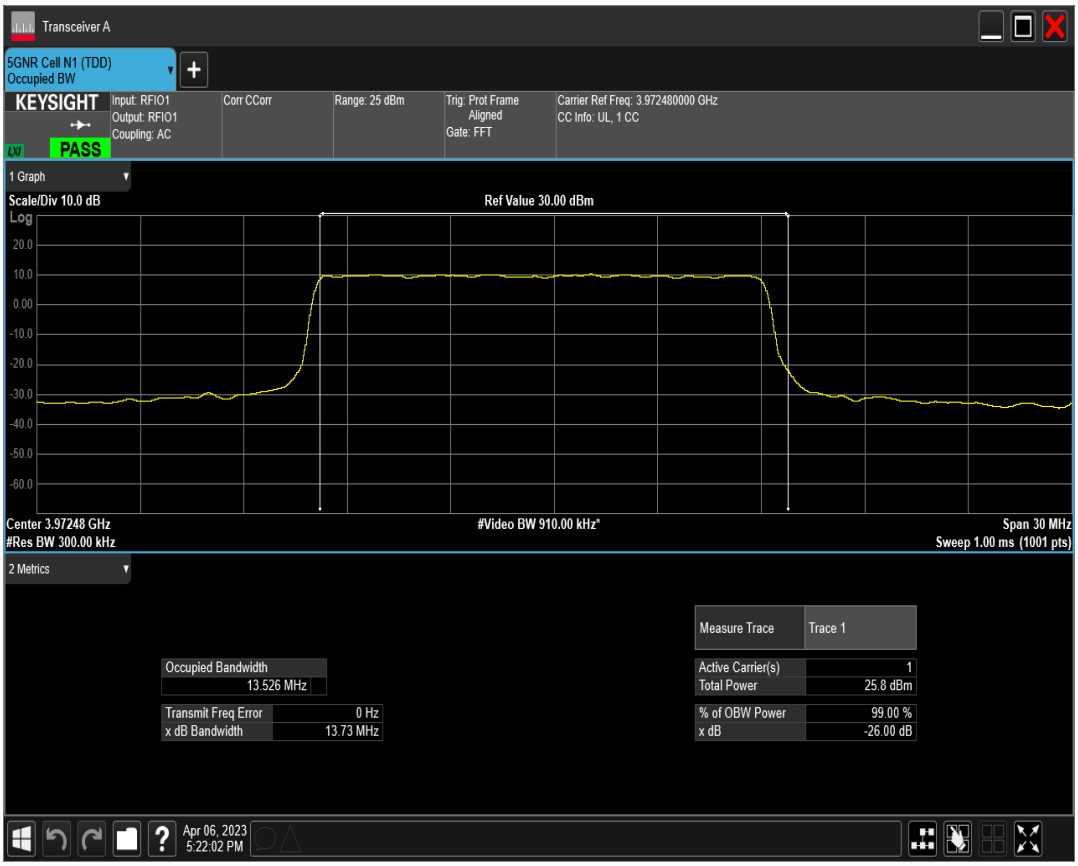

n77(3700-3980) SCS=30kHz DFT_BPSK BW=15MHz Channel=664832 RB=36@0



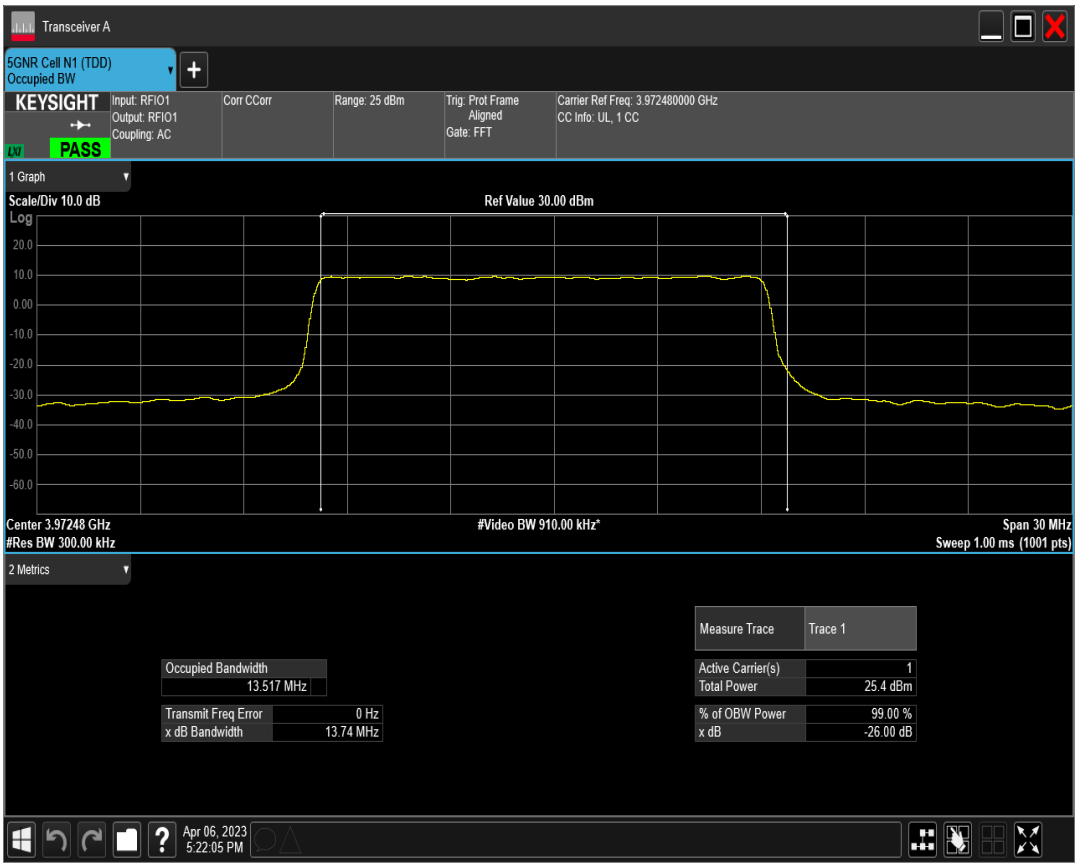

n77(3700-3980) SCS=30kHz DFT_QPSK BW=15MHz Channel=664832 RB=36@0



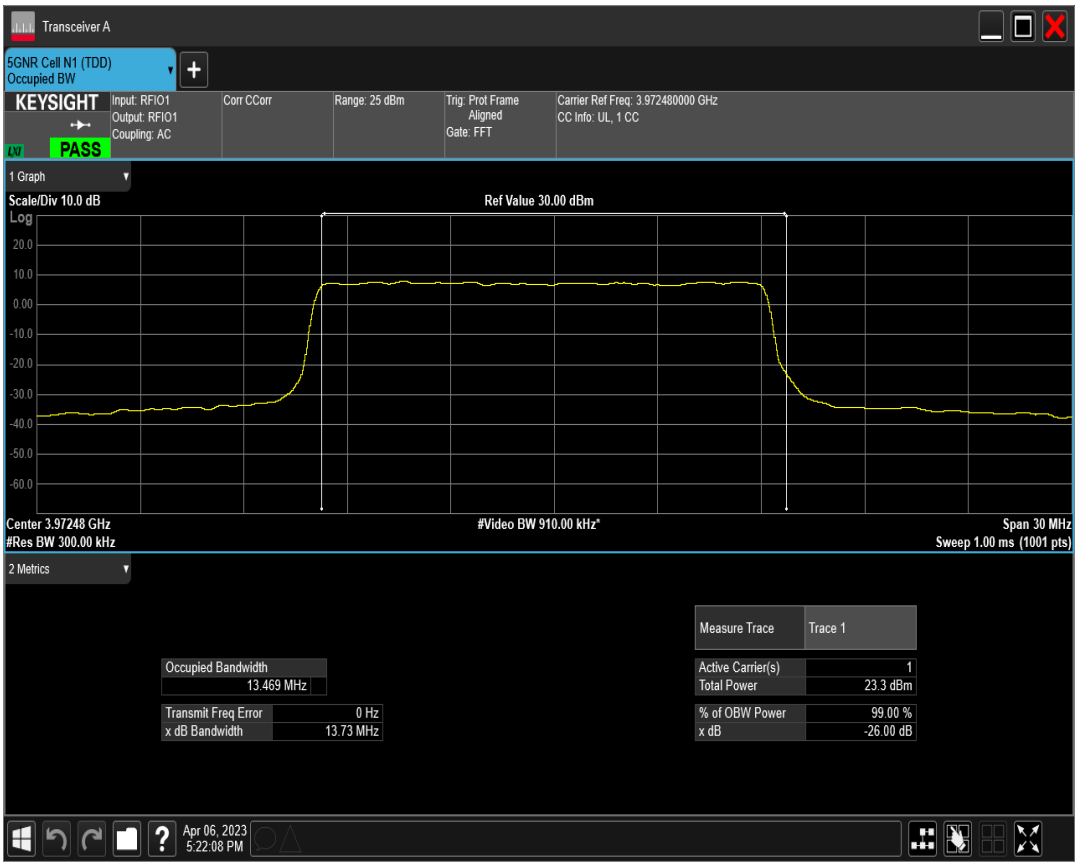

n77(3700-3980) SCS=30kHz DFT_QAM16 BW=15MHz Channel=664832 RB=36@0



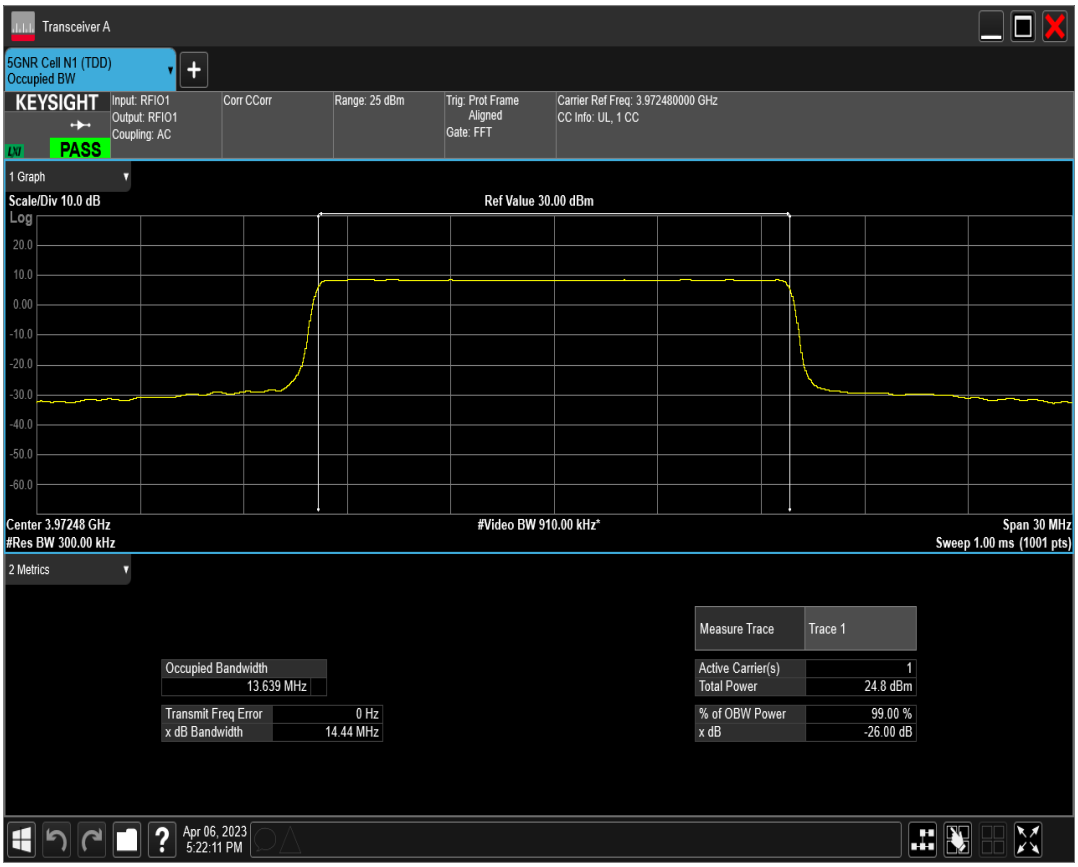

n77(3700-3980) SCS=30kHz DFT_QAM64 BW=15MHz Channel=664832 RB=36@0



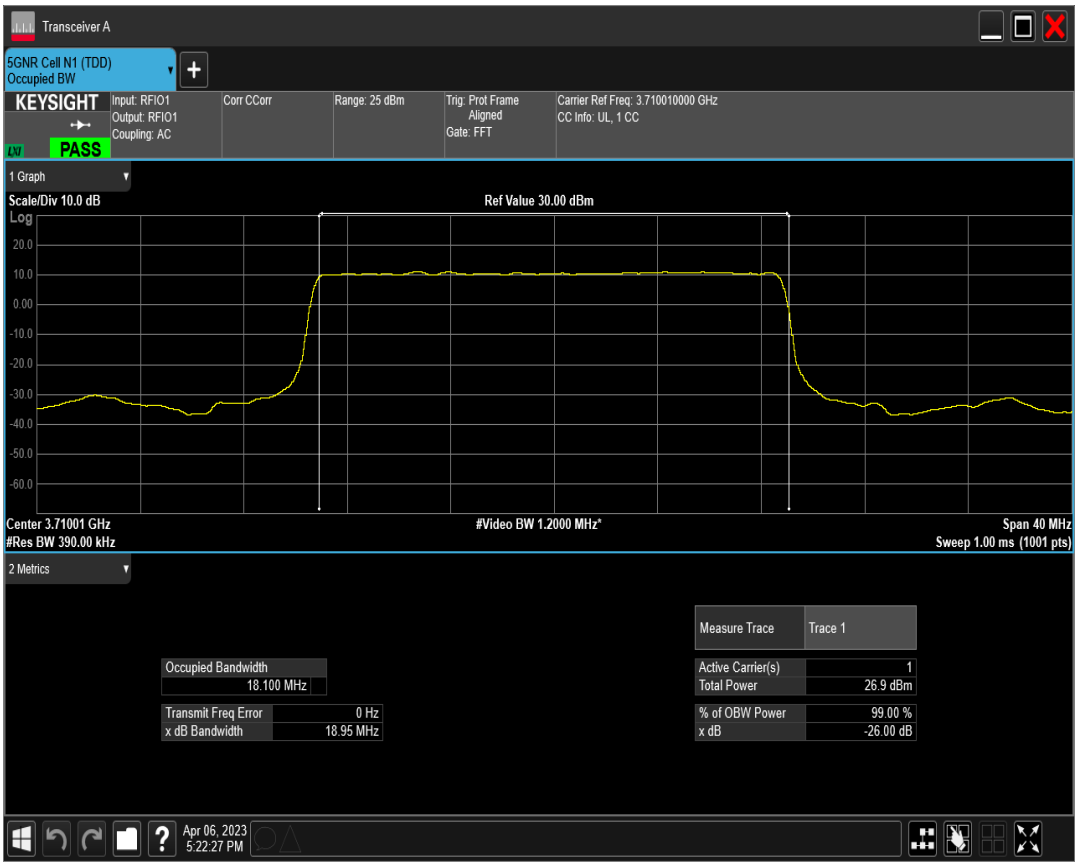

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=15MHz Channel=664832 RB=36@0



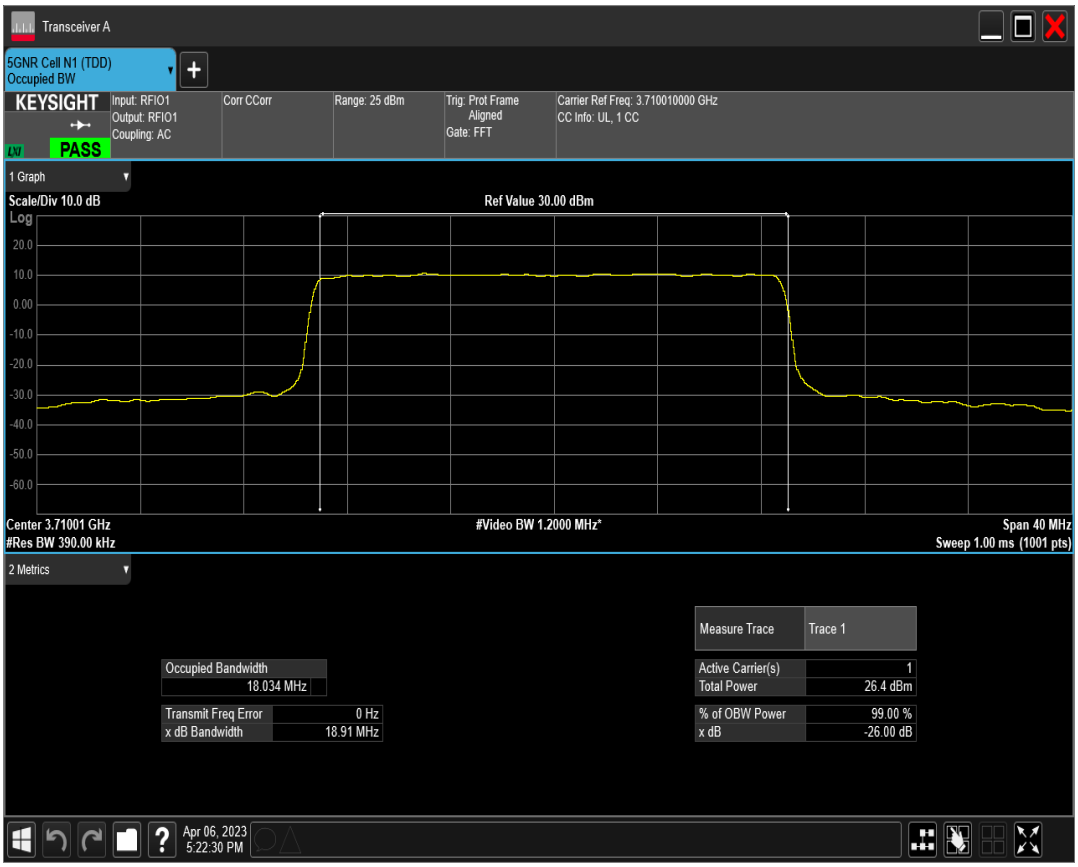

n77(3700-3980) SCS=30kHz CP_QPSK BW=15MHz Channel=664832 RB=38@0



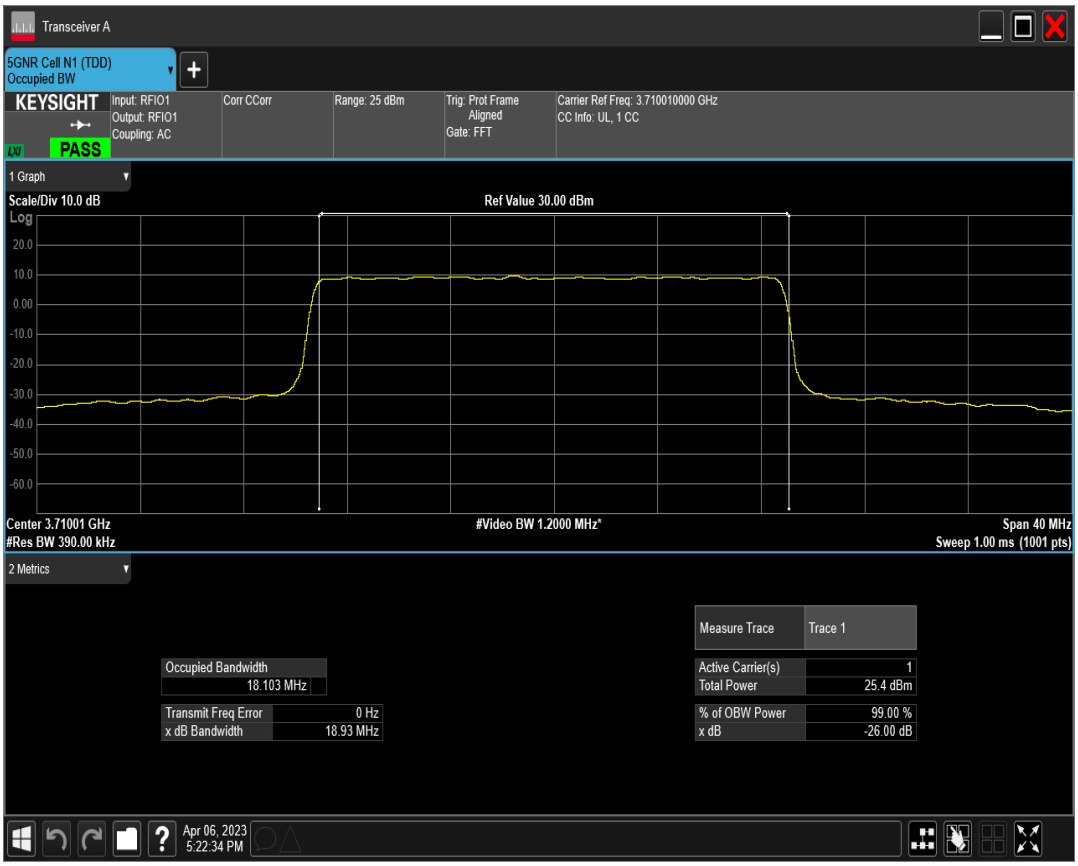

n77(3700-3980) SCS=30kHz DFT_BPSK BW=20MHz Channel=647334 RB=50@0




n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz Channel=647334 RB=50@0

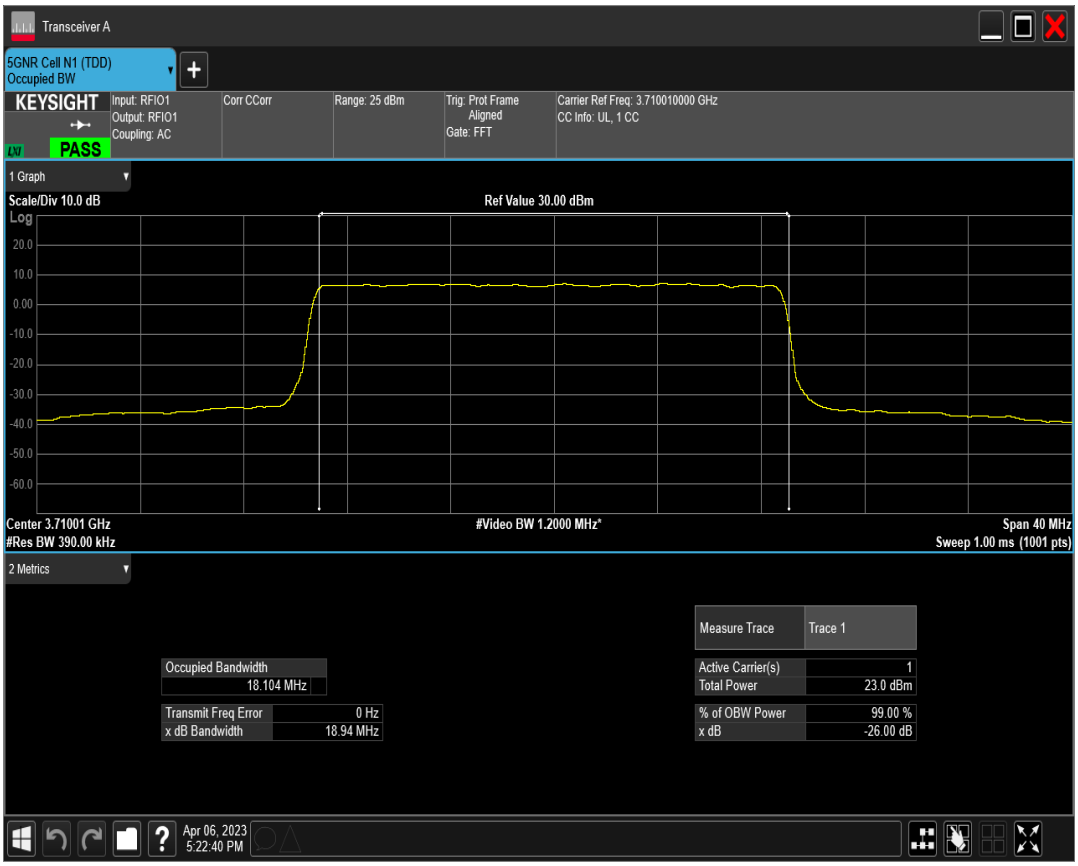



n77(3700-3980) SCS=30kHz DFT_QAM16 BW=20MHz Channel=647334 RB=50@0

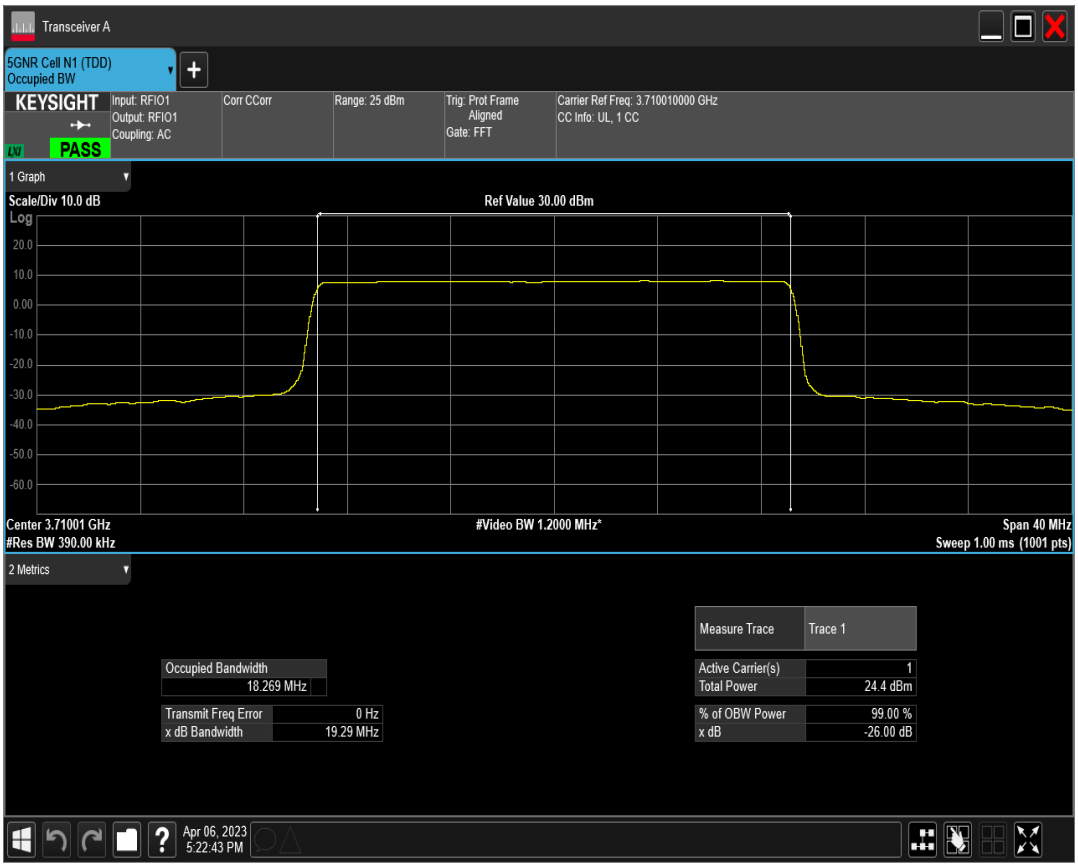



n77(3700-3980) SCS=30kHz DFT_QAM64 BW=20MHz Channel=647334 RB=50@0

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=20MHz Channel=647334 RB=50@0

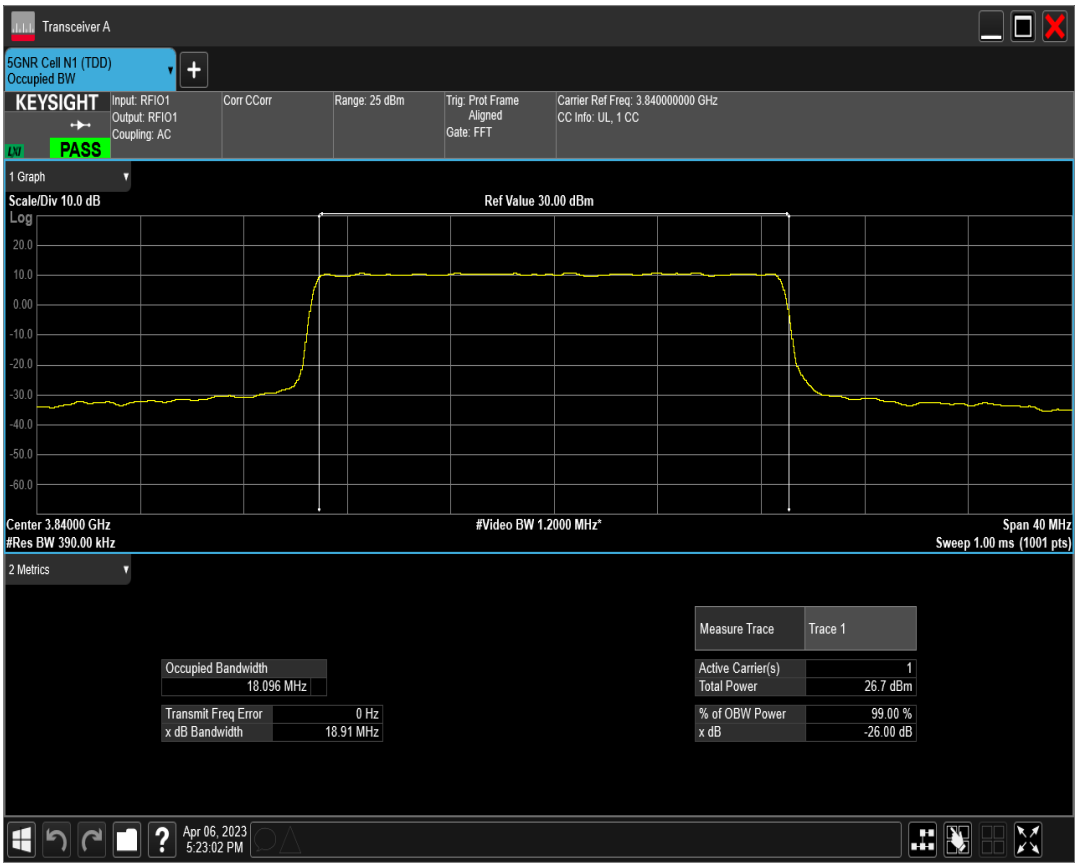



n77(3700-3980) SCS=30kHz CP_QPSK BW=20MHz Channel=647334 RB=51@0




n77(3700-3980) SCS=30kHz DFT_BPSK BW=20MHz Channel=656000 RB=50@0

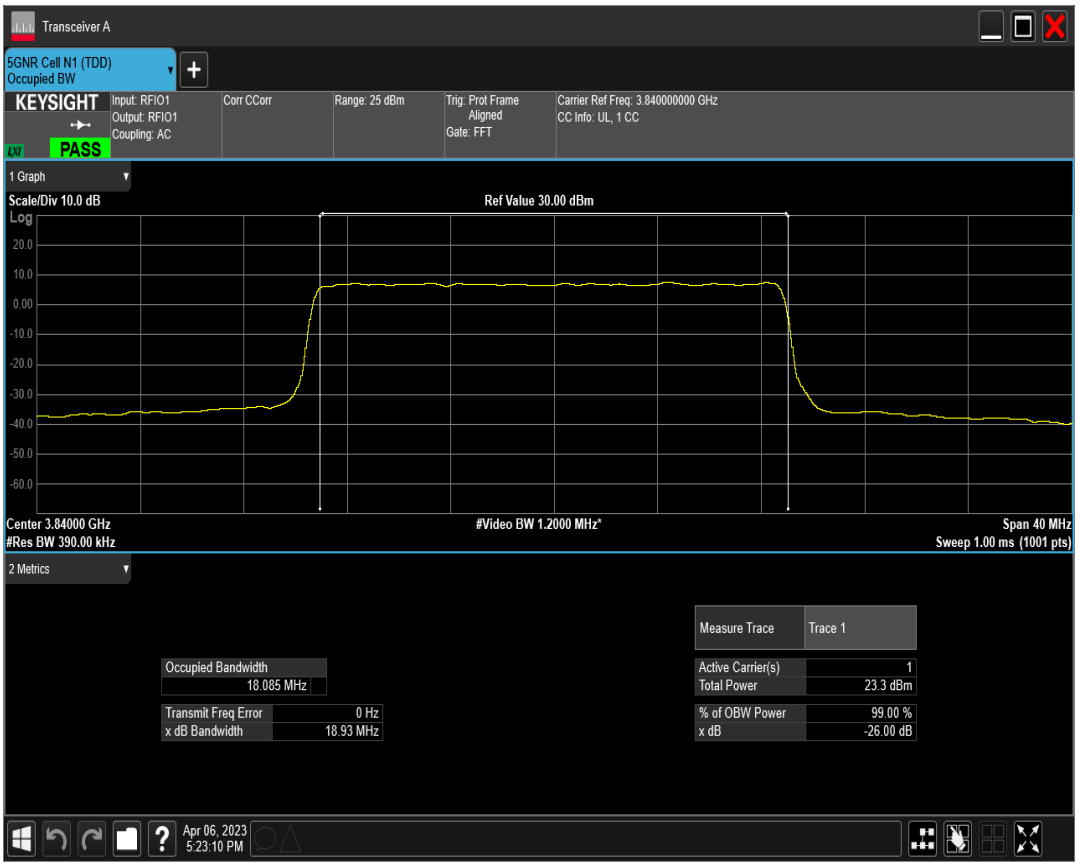
n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz Channel=656000 RB=50@0



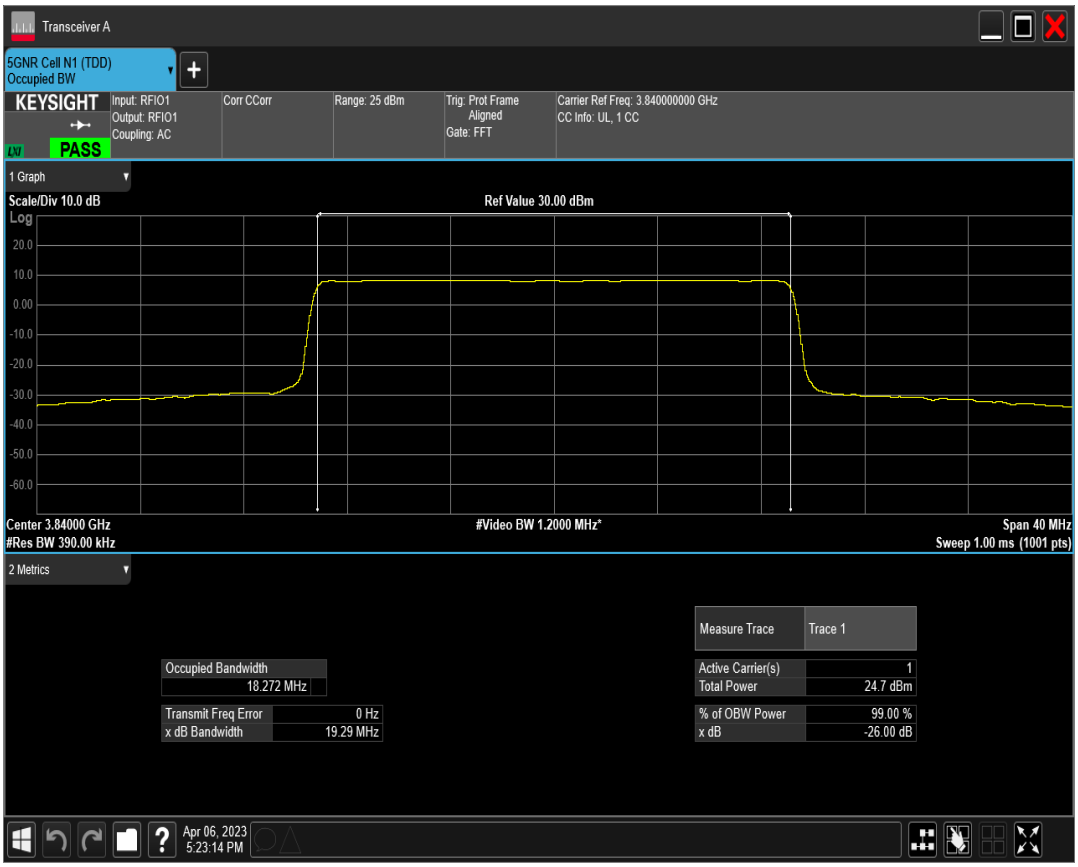

n77(3700-3980) SCS=30kHz DFT_QAM16 BW=20MHz Channel=656000 RB=50@0

n77(3700-3980) SCS=30kHz DFT_QAM64 BW=20MHz Channel=656000 RB=50@0

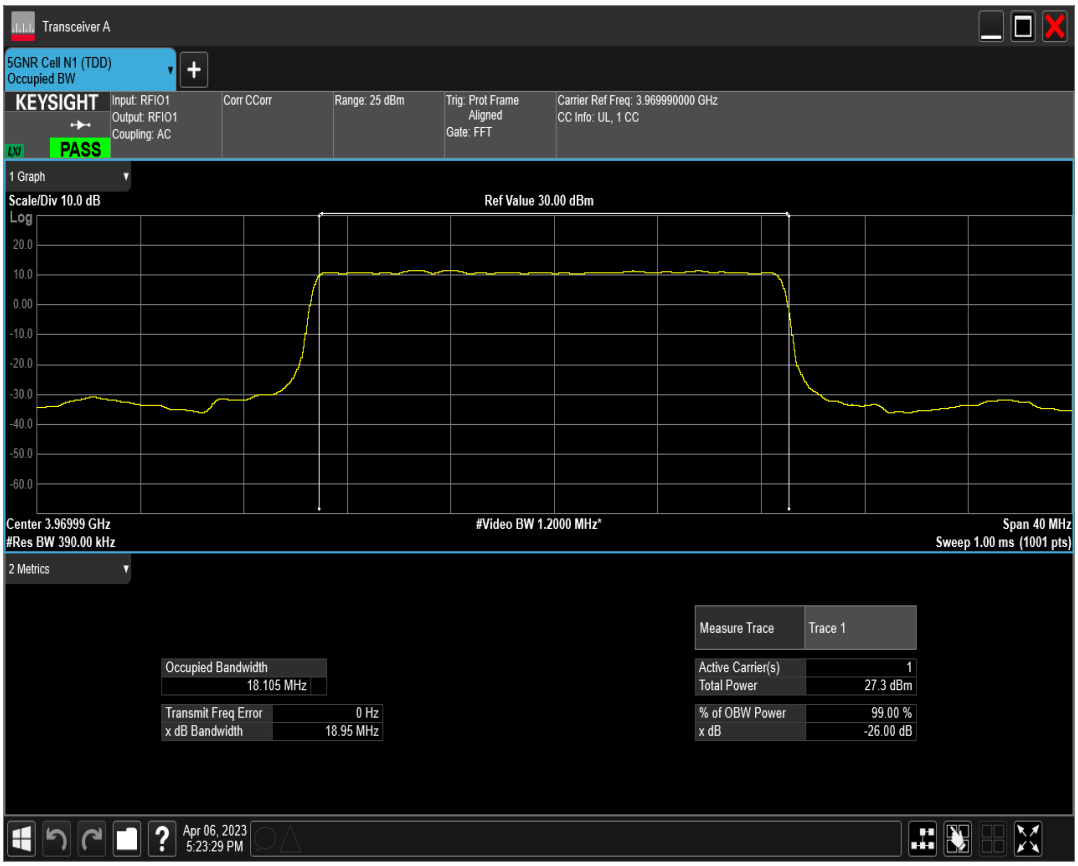
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=20MHz Channel=656000 RB=50@0



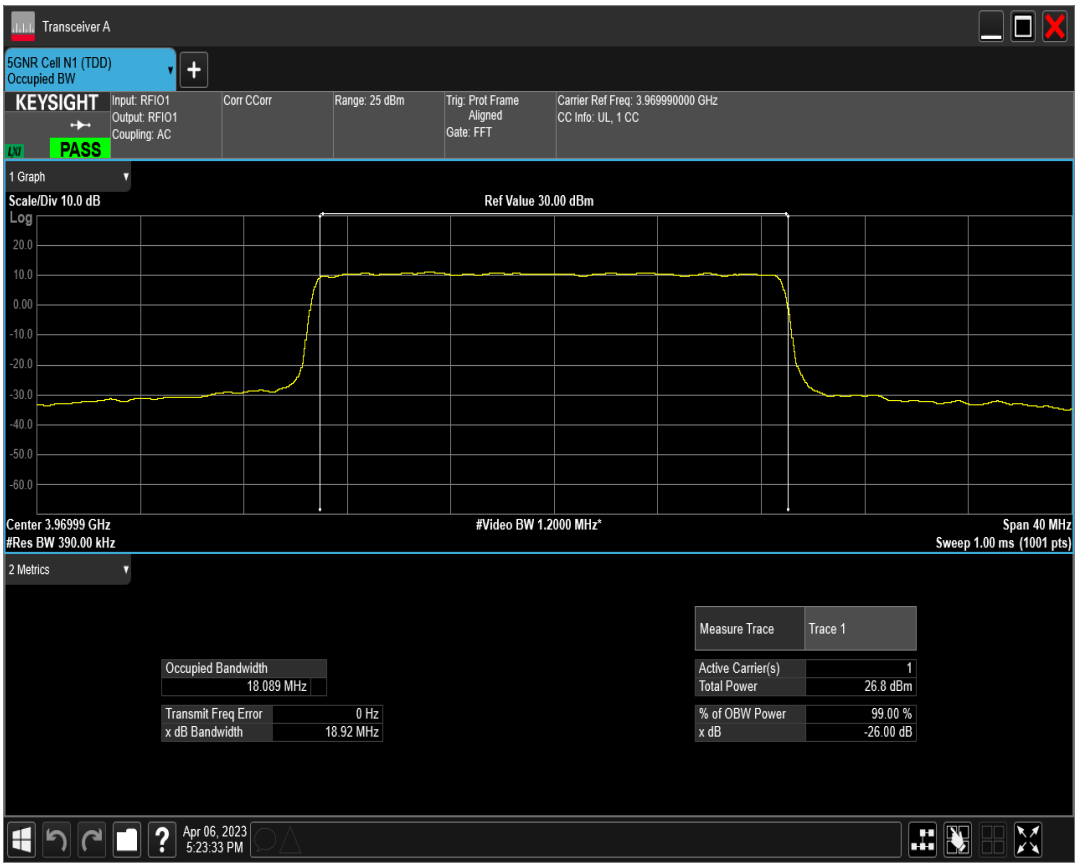

n77(3700-3980) SCS=30kHz CP_QPSK BW=20MHz Channel=656000 RB=51@0



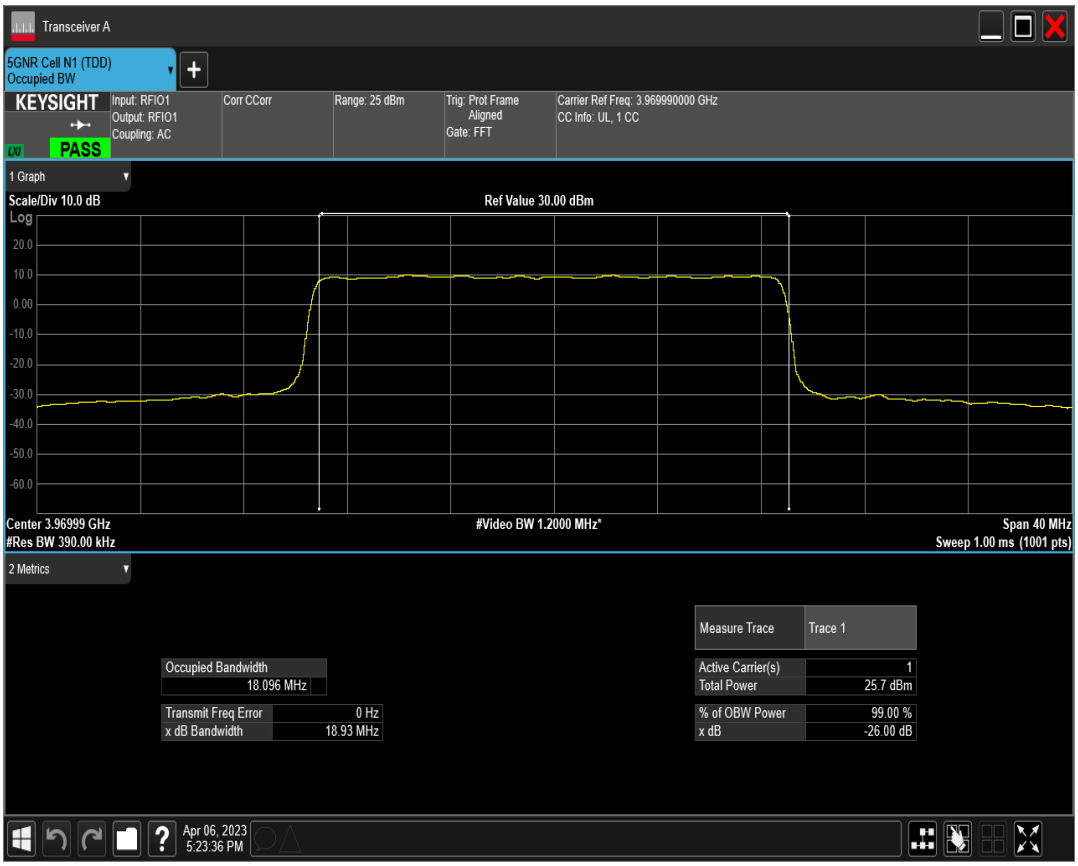

n77(3700-3980) SCS=30kHz DFT_BPSK BW=20MHz Channel=664666 RB=50@0




n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz Channel=664666 RB=50@0

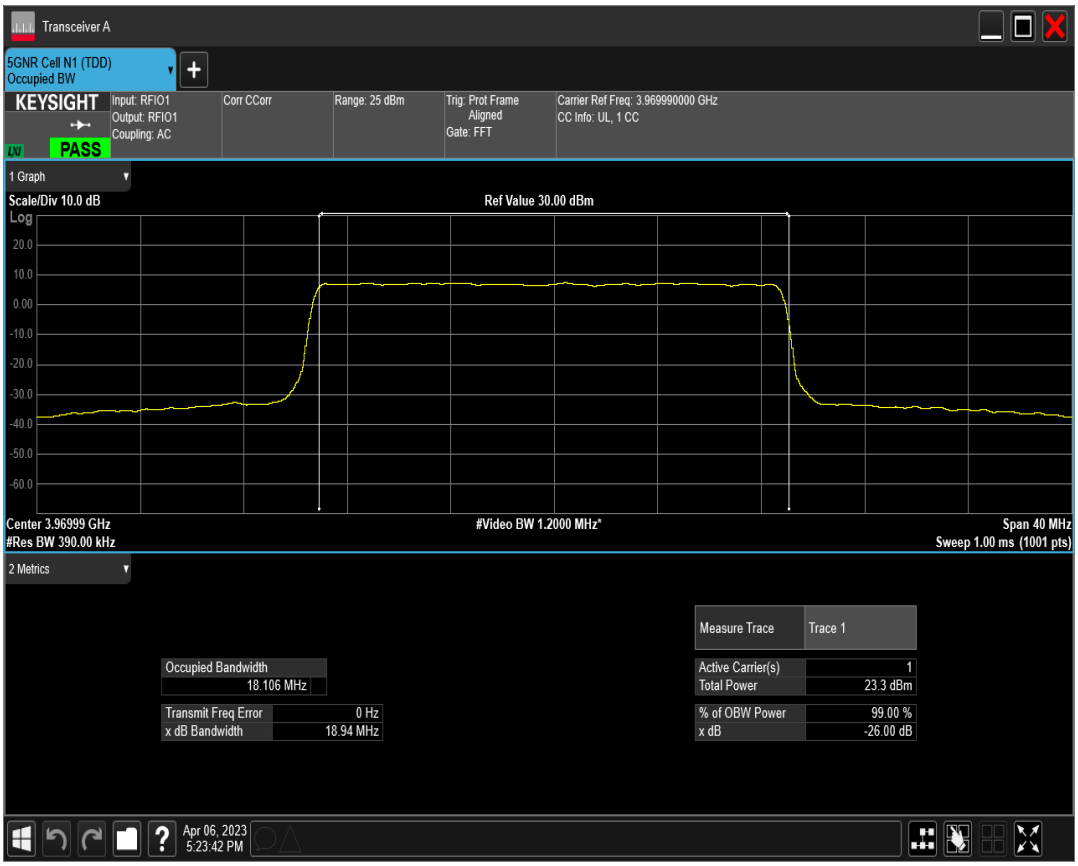



n77(3700-3980) SCS=30kHz DFT_QAM16 BW=20MHz Channel=664666 RB=50@0

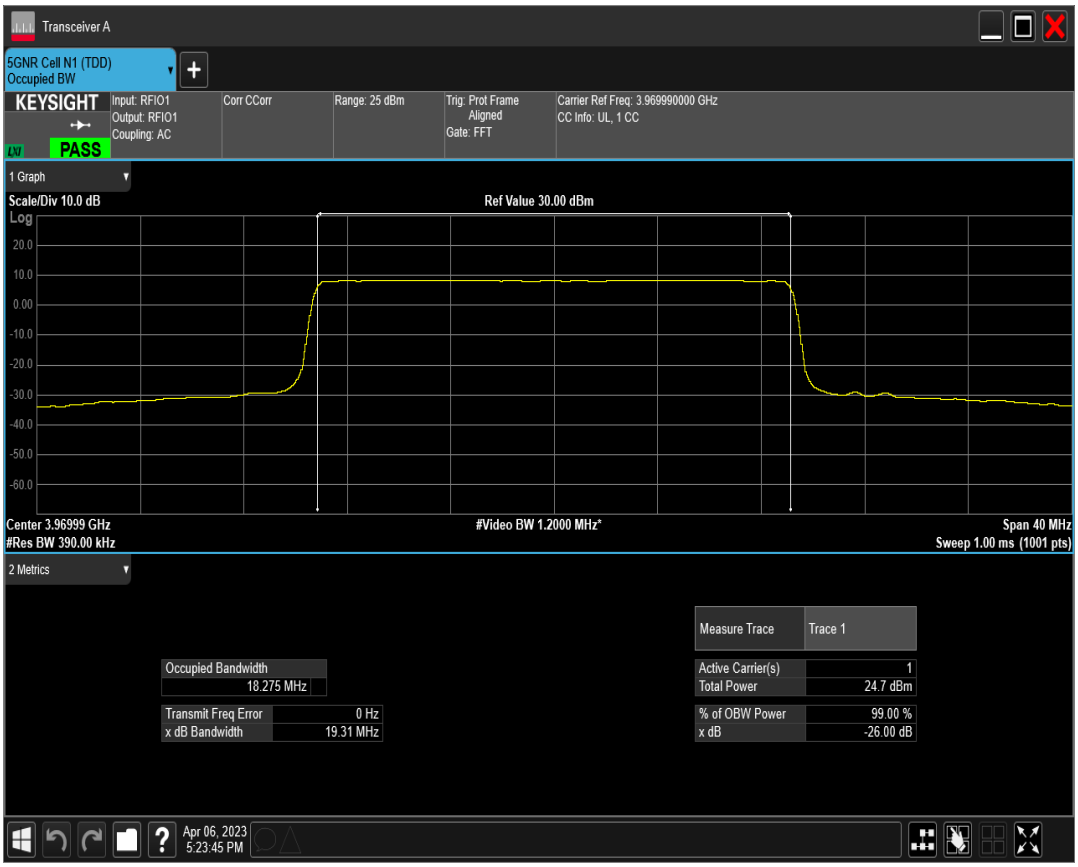



n77(3700-3980) SCS=30kHz DFT_QAM64 BW=20MHz Channel=664666 RB=50@0

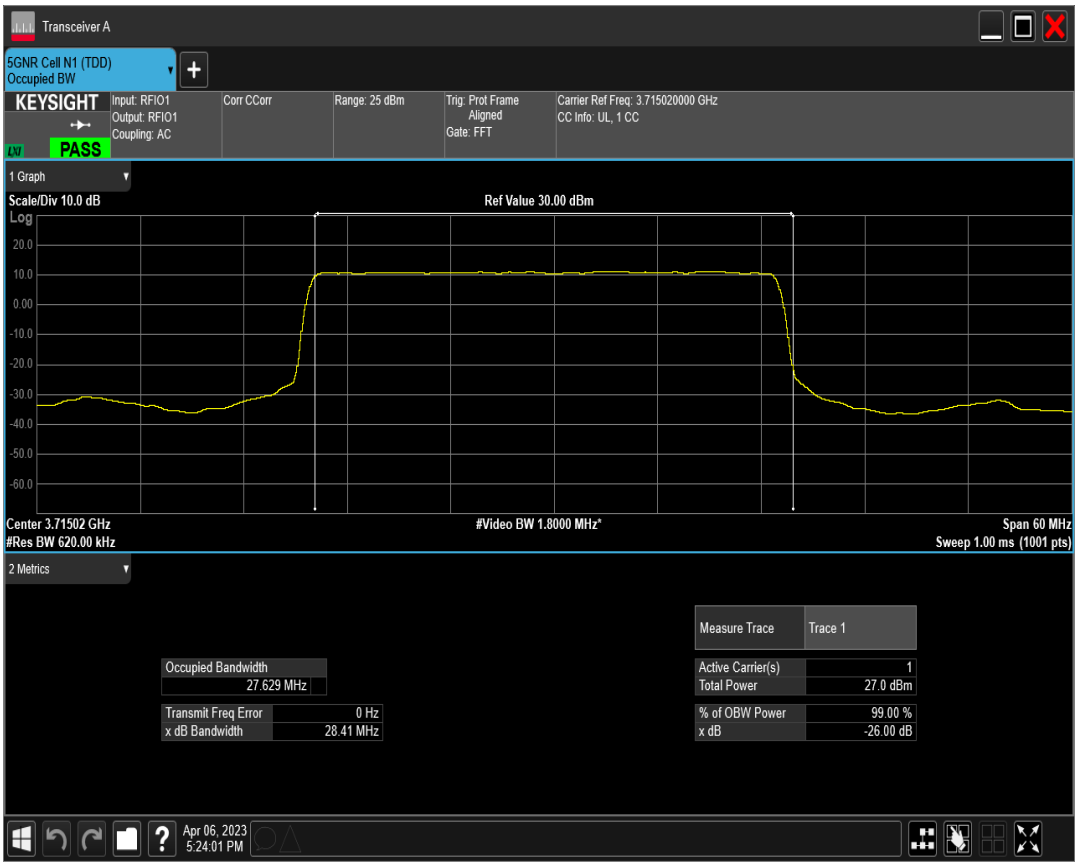
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=20MHz Channel=664666 RB=50@0



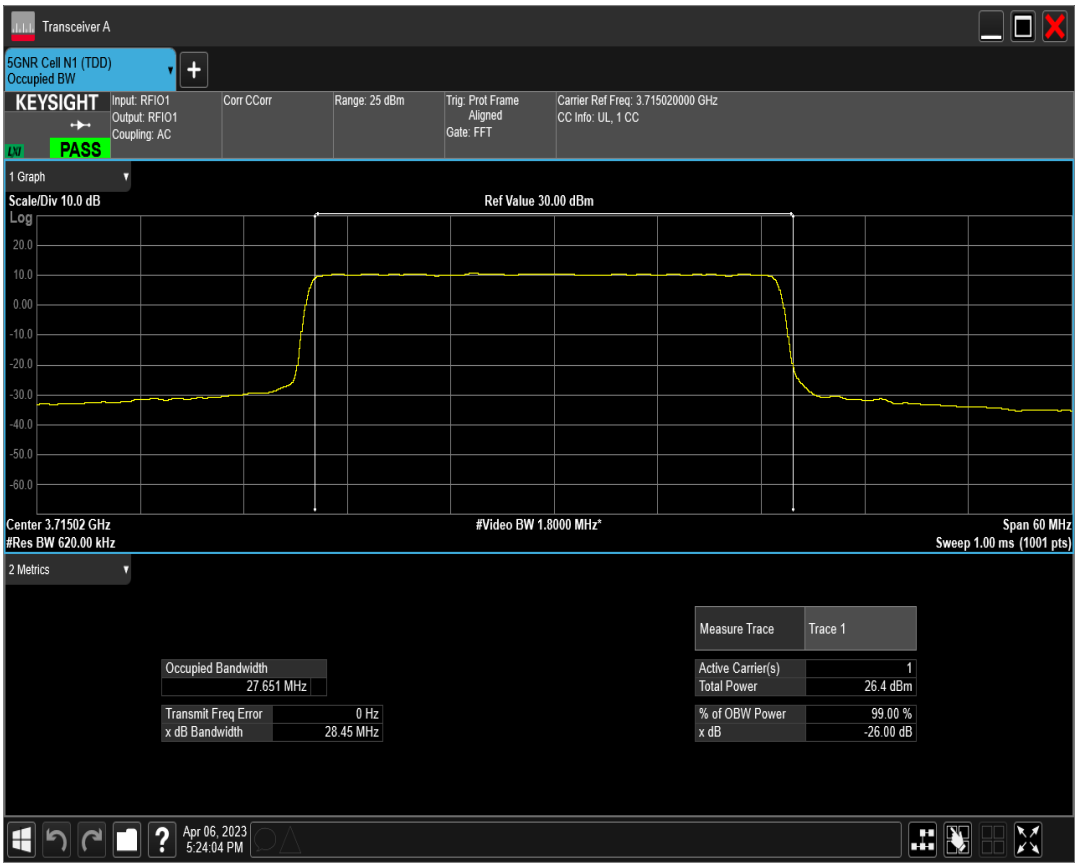

n77(3700-3980) SCS=30kHz CP_QPSK BW=20MHz Channel=664666 RB=51@0




n77(3700-3980) SCS=30kHz DFT_BPSK BW=30MHz Channel=647668 RB=75@0



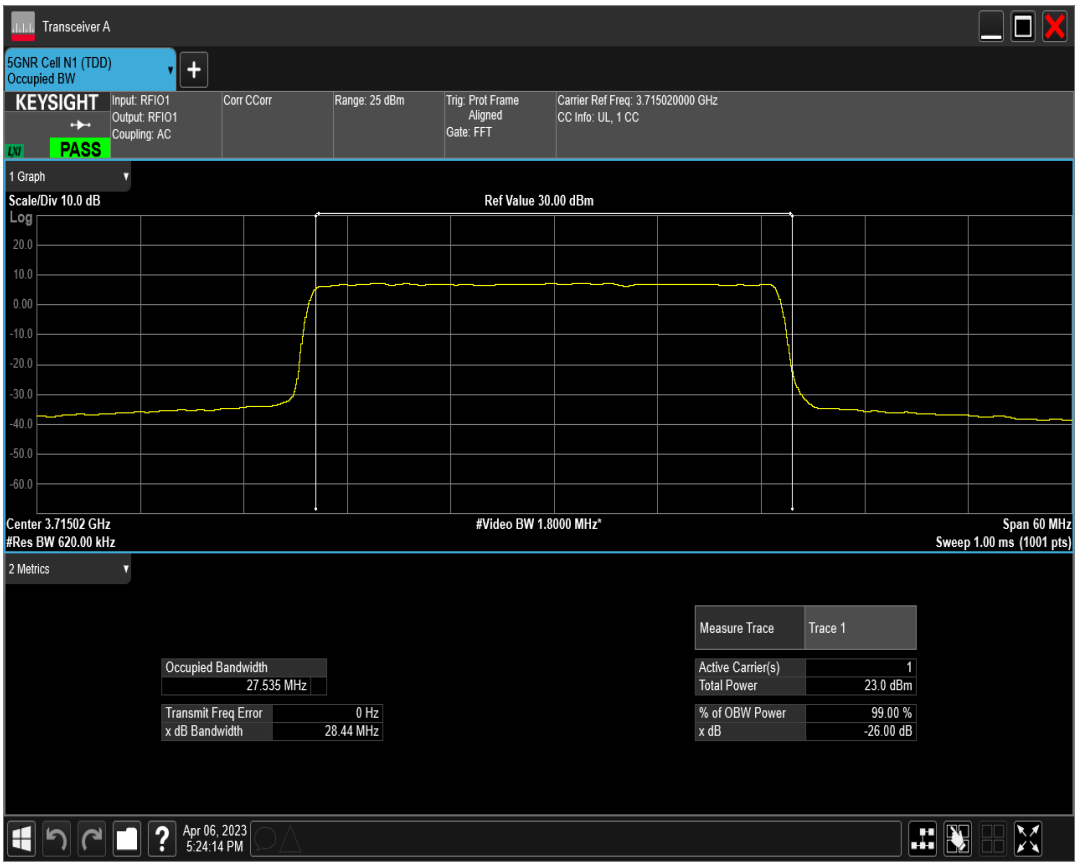

n77(3700-3980) SCS=30kHz DFT_QPSK BW=30MHz Channel=647668 RB=75@0




n77(3700-3980) SCS=30kHz DFT_QAM16 BW=30MHz Channel=647668 RB=75@0

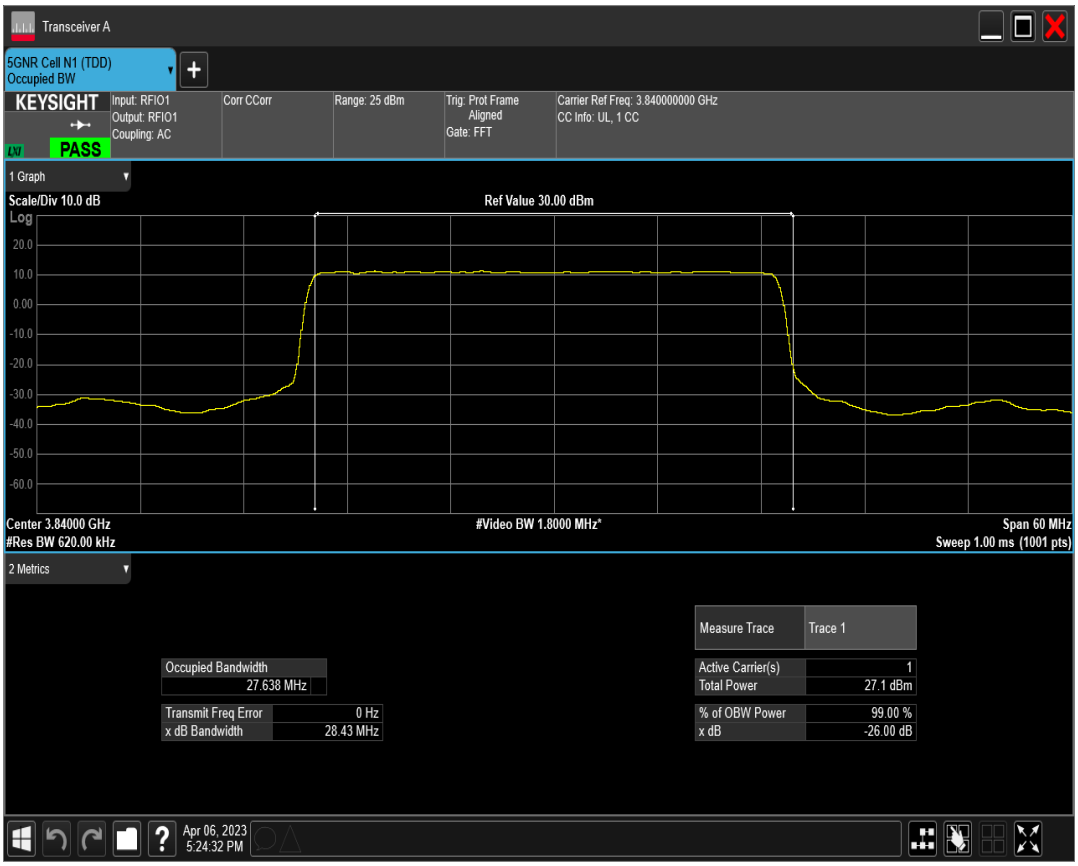
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=30MHz Channel=647668 RB=75@0

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=30MHz Channel=647668 RB=75@0




n77(3700-3980) SCS=30kHz CP_QPSK BW=30MHz Channel=647668 RB=78@0

n77(3700-3980) SCS=30kHz DFT_BPSK BW=30MHz Channel=656000 RB=75@0

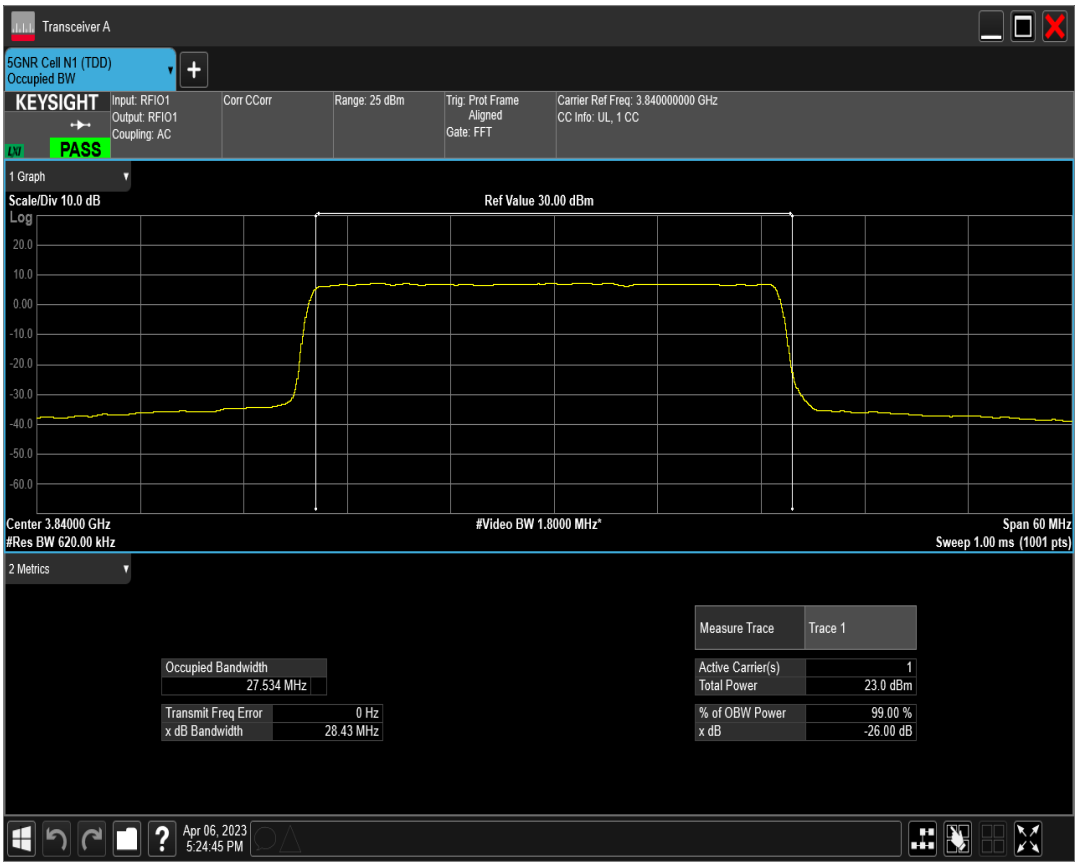



n77(3700-3980) SCS=30kHz DFT_QPSK BW=30MHz Channel=656000 RB=75@0

n77(3700-3980) SCS=30kHz DFT_QAM16 BW=30MHz Channel=656000 RB=75@0

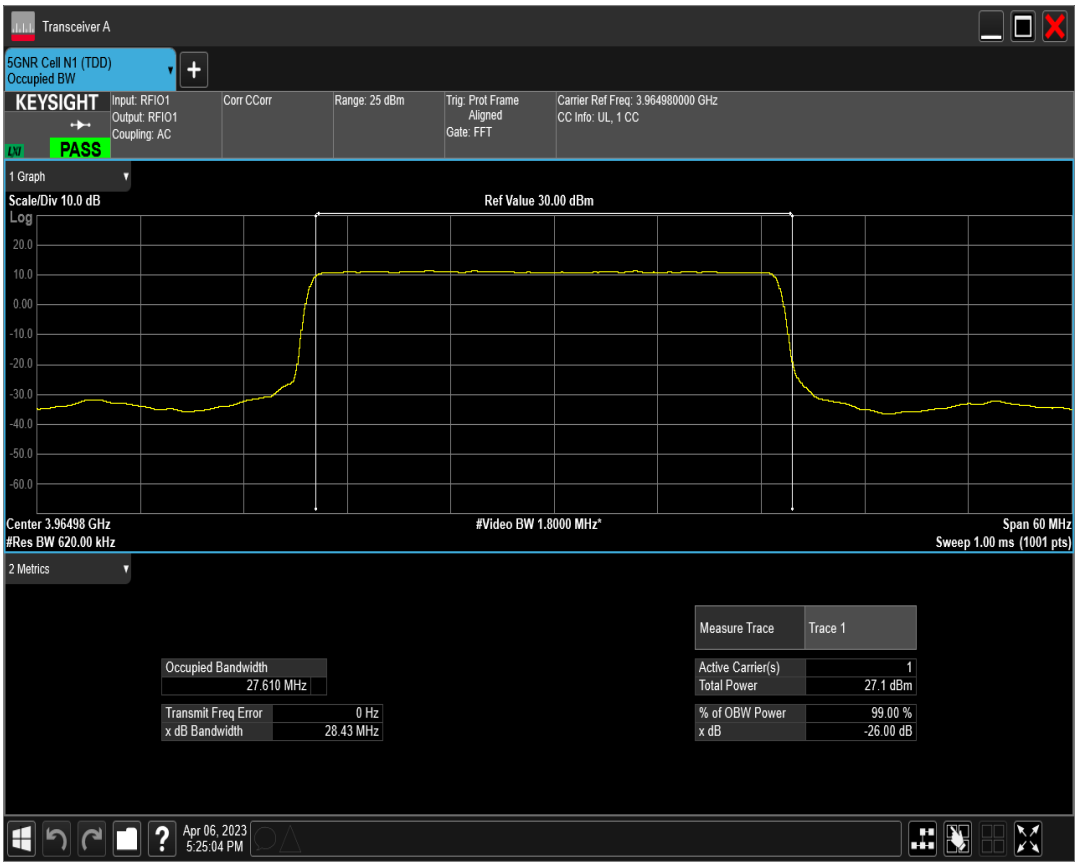
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=30MHz Channel=656000 RB=75@0

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=30MHz Channel=656000 RB=75@0

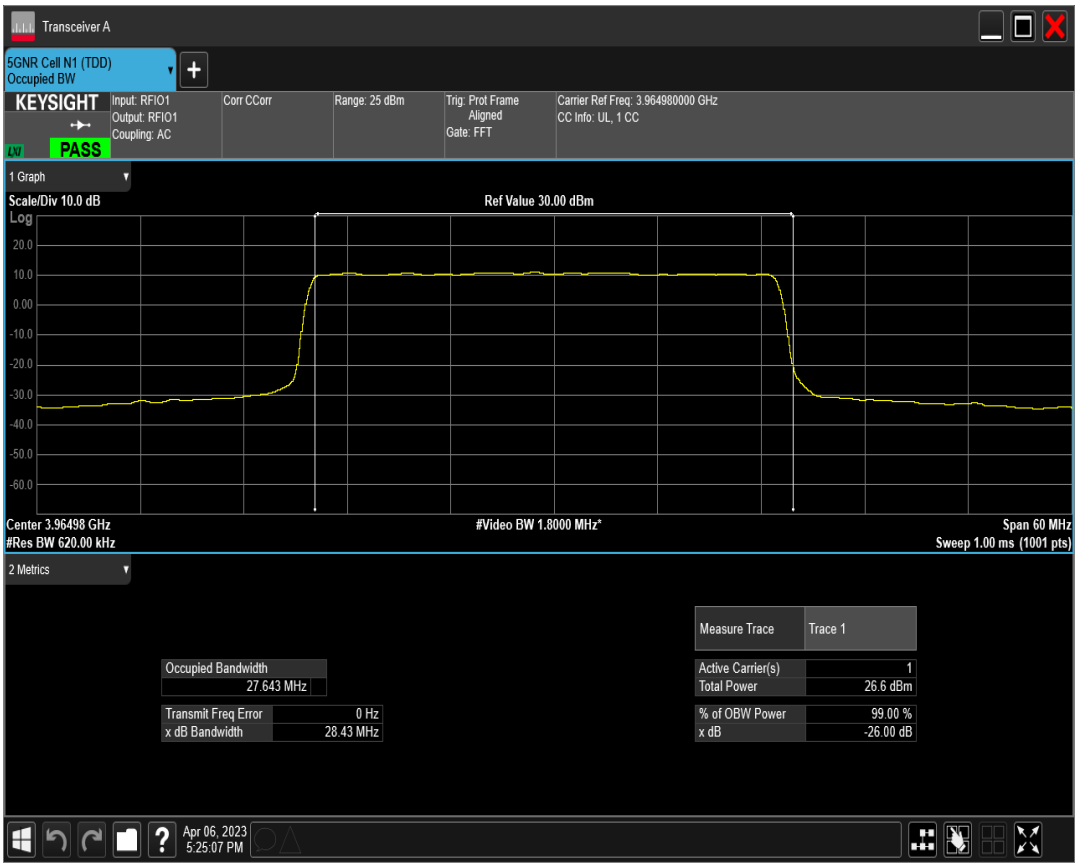



n77(3700-3980) SCS=30kHz CP_QPSK BW=30MHz Channel=656000 RB=78@0

n77(3700-3980) SCS=30kHz DFT_BPSK BW=30MHz Channel=664332 RB=75@0




n77(3700-3980) SCS=30kHz DFT_QPSK BW=30MHz Channel=664332 RB=75@0




n77(3700-3980) SCS=30kHz DFT_QAM16 BW=30MHz Channel=664332 RB=75@0

n77(3700-3980) SCS=30kHz DFT_QAM64 BW=30MHz Channel=664332 RB=75@0