

1 Conducted output power for NR FR1

| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Power (dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|----------------|--------------|--------------------|---------------|------------------|------------|----------------|---------------|----------------|---------|
| n77(3700-3980) | 30 | 10 | 647000 | 12@6 | DFT_BPSK | 25.35 | 25.65 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@1 | DFT_BPSK | 25.32 | 25.62 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@22 | DFT_BPSK | 25.33 | 25.63 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 12@6 | DFT_QPSK | 25.3 | 25.6 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@1 | DFT_QPSK | 25.23 | 25.53 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@22 | DFT_QPSK | 25.2 | 25.5 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 12@6 | DFT_QAM16 | 24.34 | 24.64 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@1 | DFT_QAM16 | 24.35 | 24.65 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@22 | DFT_QAM16 | 24.63 | 24.93 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 12@6 | DFT_QAM64 | 22.66 | 22.96 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@1 | DFT_QAM64 | 22.93 | 23.23 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@22 | DFT_QAM64 | 22.73 | 23.03 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 12@6 | DFT_QAM256 | 20.79 | 21.09 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@1 | DFT_QAM256 | 21 | 21.3 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@22 | DFT_QAM256 | 20.96 | 21.26 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 12@6 | CP_QPSK | 23.82 | 24.12 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@1 | CP_QPSK | 23.74 | 24.04 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@22 | CP_QPSK | 23.67 | 23.97 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 12@6 | CP_QAM16 | 23.38 | 23.68 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@1 | CP_QAM16 | 23.71 | 24.01 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@22 | CP_QAM16 | 23.34 | 23.64 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 12@6 | CP_QAM64 | 21.81 | 22.11 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@1 | CP_QAM64 | 21.71 | 22.01 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@22 | CP_QAM64 | 21.68 | 21.98 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 12@6 | CP_QAM256 | 18.78 | 19.08 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@1 | CP_QAM256 | 19 | 19.3 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 1@22 | CP_QAM256 | 19.11 | 19.41 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 12@6 | DFT_BPSK | 24.79 | 25.09 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@1 | DFT_BPSK | 24.68 | 24.98 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@22 | DFT_BPSK | 24.8 | 25.1 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 12@6 | DFT_QPSK | 24.77 | 25.07 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@1 | DFT_QPSK | 24.54 | 24.84 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@22 | DFT_QPSK | 24.67 | 24.97 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 12@6 | DFT_QAM16 | 23.79 | 24.09 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@1 | DFT_QAM16 | 23.98 | 24.28 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@22 | DFT_QAM16 | 23.77 | 24.07 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 12@6 | DFT_QAM64 | 22.23 | 22.53 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@1 | DFT_QAM64 | 22.32 | 22.62 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@22 | DFT_QAM64 | 22.12 | 22.42 | 33 | PASS |

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|----------------|----|----|--------|------|------------|-------|-------|----|------|
| n77(3700-3980) | 30 | 10 | 656000 | 12@6 | DFT_QAM256 | 20.27 | 20.57 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@1 | DFT_QAM256 | 20.15 | 20.45 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@22 | DFT_QAM256 | 20.19 | 20.49 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 12@6 | CP_QPSK | 23.27 | 23.57 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@1 | CP_QPSK | 22.99 | 23.29 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@22 | CP_QPSK | 23.18 | 23.48 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 12@6 | CP_QAM16 | 22.84 | 23.14 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@1 | CP_QAM16 | 23.03 | 23.33 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@22 | CP_QAM16 | 22.82 | 23.12 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 12@6 | CP_QAM64 | 21.27 | 21.57 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@1 | CP_QAM64 | 21.12 | 21.42 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@22 | CP_QAM64 | 21.29 | 21.59 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 12@6 | CP_QAM256 | 18.28 | 18.58 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@1 | CP_QAM256 | 18.33 | 18.63 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 1@22 | CP_QAM256 | 18.44 | 18.74 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 12@6 | DFT_BPSK | 25.69 | 25.99 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@1 | DFT_BPSK | 25.51 | 25.81 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@22 | DFT_BPSK | 25.74 | 26.04 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 12@6 | DFT_QPSK | 25.68 | 25.98 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@1 | DFT_QPSK | 25.44 | 25.74 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@22 | DFT_QPSK | 25.57 | 25.87 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 12@6 | DFT_QAM16 | 24.7 | 25 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@1 | DFT_QAM16 | 24.84 | 25.14 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@22 | DFT_QAM16 | 24.7 | 25 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 12@6 | DFT_QAM64 | 23.18 | 23.48 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@1 | DFT_QAM64 | 23.12 | 23.42 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@22 | DFT_QAM64 | 23.35 | 23.65 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 12@6 | DFT_QAM256 | 21.15 | 21.45 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@1 | DFT_QAM256 | 21.24 | 21.54 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@22 | DFT_QAM256 | 21.19 | 21.49 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 12@6 | CP_QPSK | 24.21 | 24.51 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@1 | CP_QPSK | 23.91 | 24.21 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@22 | CP_QPSK | 24.02 | 24.32 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 12@6 | CP_QAM16 | 23.74 | 24.04 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@1 | CP_QAM16 | 23.64 | 23.94 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@22 | CP_QAM16 | 23.78 | 24.08 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 12@6 | CP_QAM64 | 22.25 | 22.55 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@1 | CP_QAM64 | 22.12 | 22.42 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@22 | CP_QAM64 | 22.11 | 22.41 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 12@6 | CP_QAM256 | 19.21 | 19.51 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@1 | CP_QAM256 | 19.4 | 19.7 | 33 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 1@22 | CP_QAM256 | 19.51 | 19.81 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 18@9 | DFT_BPSK | 25.33 | 25.63 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@1 | DFT_BPSK | 25.28 | 25.58 | 33 | PASS |

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|----------------|----|----|--------|------|------------|-------|-------|----|------|
| n77(3700-3980) | 30 | 15 | 647168 | 1@36 | DFT_BPSK | 25.35 | 25.65 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 18@9 | DFT_QPSK | 25.31 | 25.61 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@1 | DFT_QPSK | 25.23 | 25.53 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@36 | DFT_QPSK | 25.21 | 25.51 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 18@9 | DFT_QAM16 | 24.35 | 24.65 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@1 | DFT_QAM16 | 24.62 | 24.92 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@36 | DFT_QAM16 | 24.59 | 24.89 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 18@9 | DFT_QAM64 | 22.86 | 23.16 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@1 | DFT_QAM64 | 22.9 | 23.2 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@36 | DFT_QAM64 | 22.62 | 22.92 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 18@9 | DFT_QAM256 | 20.85 | 21.15 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@1 | DFT_QAM256 | 20.78 | 21.08 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@36 | DFT_QAM256 | 20.77 | 21.07 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 19@9 | CP_QPSK | 23.82 | 24.12 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@1 | CP_QPSK | 23.7 | 24 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@36 | CP_QPSK | 23.65 | 23.95 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 19@9 | CP_QAM16 | 23.32 | 23.62 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@1 | CP_QAM16 | 23.67 | 23.97 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@36 | CP_QAM16 | 23.66 | 23.96 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 19@9 | CP_QAM64 | 21.91 | 22.21 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@1 | CP_QAM64 | 21.65 | 21.95 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@36 | CP_QAM64 | 21.64 | 21.94 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 19@9 | CP_QAM256 | 18.91 | 19.21 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@1 | CP_QAM256 | 19.08 | 19.38 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 1@36 | CP_QAM256 | 19.11 | 19.41 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 18@9 | DFT_BPSK | 24.74 | 25.04 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@1 | DFT_BPSK | 24.72 | 25.02 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@36 | DFT_BPSK | 24.86 | 25.16 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 18@9 | DFT_QPSK | 24.71 | 25.01 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@1 | DFT_QPSK | 24.52 | 24.82 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@36 | DFT_QPSK | 24.71 | 25.01 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 18@9 | DFT_QAM16 | 23.75 | 24.05 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@1 | DFT_QAM16 | 23.9 | 24.2 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@36 | DFT_QAM16 | 23.83 | 24.13 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 18@9 | DFT_QAM64 | 22.28 | 22.58 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@1 | DFT_QAM64 | 22.32 | 22.62 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@36 | DFT_QAM64 | 21.97 | 22.27 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 18@9 | DFT_QAM256 | 20.27 | 20.57 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@1 | DFT_QAM256 | 20.31 | 20.61 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@36 | DFT_QAM256 | 20.19 | 20.49 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 19@9 | CP_QPSK | 23.27 | 23.57 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@1 | CP_QPSK | 23.08 | 23.38 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@36 | CP_QPSK | 23.23 | 23.53 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 19@9 | CP_QAM16 | 22.78 | 23.08 | 33 | PASS |

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|----------------|----|----|--------|-------|------------|-------|-------|----|------|
| n77(3700-3980) | 30 | 15 | 656000 | 1@1 | CP_QAM16 | 23 | 23.3 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@36 | CP_QAM16 | 23.15 | 23.45 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 19@9 | CP_QAM64 | 21.35 | 21.65 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@1 | CP_QAM64 | 21.03 | 21.33 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@36 | CP_QAM64 | 21.24 | 21.54 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 19@9 | CP_QAM256 | 18.28 | 18.58 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@1 | CP_QAM256 | 18.44 | 18.74 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 1@36 | CP_QAM256 | 18.53 | 18.83 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 18@9 | DFT_BPSK | 25.61 | 25.91 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@1 | DFT_BPSK | 25.3 | 25.6 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@36 | DFT_BPSK | 25.62 | 25.92 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 18@9 | DFT_QPSK | 25.52 | 25.82 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@1 | DFT_QPSK | 25.28 | 25.58 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@36 | DFT_QPSK | 25.57 | 25.87 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 18@9 | DFT_QAM16 | 24.62 | 24.92 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@1 | DFT_QAM16 | 24.41 | 24.71 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@36 | DFT_QAM16 | 24.79 | 25.09 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 18@9 | DFT_QAM64 | 23.24 | 23.54 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@1 | DFT_QAM64 | 22.9 | 23.2 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@36 | DFT_QAM64 | 22.95 | 23.25 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 18@9 | DFT_QAM256 | 21.2 | 21.5 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@1 | DFT_QAM256 | 20.81 | 21.11 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@36 | DFT_QAM256 | 21.48 | 21.78 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 19@9 | CP_QPSK | 24.08 | 24.38 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@1 | CP_QPSK | 23.72 | 24.02 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@36 | CP_QPSK | 23.99 | 24.29 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 19@9 | CP_QAM16 | 23.39 | 23.69 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@1 | CP_QAM16 | 23.68 | 23.98 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@36 | CP_QAM16 | 23.81 | 24.11 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 19@9 | CP_QAM64 | 22.15 | 22.45 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@1 | CP_QAM64 | 21.7 | 22 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@36 | CP_QAM64 | 21.98 | 22.28 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 19@9 | CP_QAM256 | 19.2 | 19.5 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@1 | CP_QAM256 | 19.02 | 19.32 | 33 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 1@36 | CP_QAM256 | 19.41 | 19.71 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 25@12 | DFT_BPSK | 25.33 | 25.63 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@1 | DFT_BPSK | 25.31 | 25.61 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@49 | DFT_BPSK | 25.36 | 25.66 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 25@12 | DFT_QPSK | 25.28 | 25.58 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@1 | DFT_QPSK | 25.19 | 25.49 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@49 | DFT_QPSK | 25.22 | 25.52 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 25@12 | DFT_QAM16 | 24.4 | 24.7 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@1 | DFT_QAM16 | 24.41 | 24.71 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@49 | DFT_QAM16 | 24.41 | 24.71 | 33 | PASS |

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|----------------|----|----|--------|-------|------------|-------|-------|----|------|
| n77(3700-3980) | 30 | 20 | 647334 | 25@12 | DFT_QAM64 | 22.83 | 23.13 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@1 | DFT_QAM64 | 22.9 | 23.2 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@49 | DFT_QAM64 | 22.54 | 22.84 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 25@12 | DFT_QAM256 | 20.85 | 21.15 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@1 | DFT_QAM256 | 20.75 | 21.05 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@49 | DFT_QAM256 | 20.83 | 21.13 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 25@12 | CP_QPSK | 23.79 | 24.09 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@1 | CP_QPSK | 23.72 | 24.02 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@49 | CP_QPSK | 23.66 | 23.96 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 25@12 | CP_QAM16 | 23.28 | 23.58 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@1 | CP_QAM16 | 23.62 | 23.92 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@49 | CP_QAM16 | 23.53 | 23.83 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 25@12 | CP_QAM64 | 21.79 | 22.09 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@1 | CP_QAM64 | 21.73 | 22.03 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@49 | CP_QAM64 | 21.63 | 21.93 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 25@12 | CP_QAM256 | 18.76 | 19.06 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@1 | CP_QAM256 | 19.01 | 19.31 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 1@49 | CP_QAM256 | 19.1 | 19.4 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 25@12 | DFT_BPSK | 24.74 | 25.04 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@1 | DFT_BPSK | 24.62 | 24.92 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@49 | DFT_BPSK | 24.96 | 25.26 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 25@12 | DFT_QPSK | 24.73 | 25.03 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@1 | DFT_QPSK | 24.56 | 24.86 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@49 | DFT_QPSK | 24.76 | 25.06 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 25@12 | DFT_QAM16 | 23.75 | 24.05 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@1 | DFT_QAM16 | 23.69 | 23.99 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@49 | DFT_QAM16 | 23.89 | 24.19 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 25@12 | DFT_QAM64 | 22.27 | 22.57 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@1 | DFT_QAM64 | 22.29 | 22.59 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@49 | DFT_QAM64 | 22.54 | 22.84 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 25@12 | DFT_QAM256 | 20.31 | 20.61 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@1 | DFT_QAM256 | 20.15 | 20.45 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@49 | DFT_QAM256 | 20.62 | 20.92 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 25@12 | CP_QPSK | 23.25 | 23.55 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@1 | CP_QPSK | 23.08 | 23.38 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@49 | CP_QPSK | 23.27 | 23.57 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 25@12 | CP_QAM16 | 22.77 | 23.07 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@1 | CP_QAM16 | 22.78 | 23.08 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@49 | CP_QAM16 | 23.2 | 23.5 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 25@12 | CP_QAM64 | 21.21 | 21.51 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@1 | CP_QAM64 | 21.02 | 21.32 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@49 | CP_QAM64 | 21.24 | 21.54 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 25@12 | CP_QAM256 | 18.28 | 18.58 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 1@1 | CP_QAM256 | 18.34 | 18.64 | 33 | PASS |

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|----------------|----|----|--------|-------|------------|-------|-------|----|------|
| n77(3700-3980) | 30 | 20 | 656000 | 1@49 | CP_QAM256 | 18.67 | 18.97 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 25@12 | DFT_BPSK | 25.53 | 25.83 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@1 | DFT_BPSK | 25.24 | 25.54 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@49 | DFT_BPSK | 25.65 | 25.95 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 25@12 | DFT_QPSK | 25.48 | 25.78 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@1 | DFT_QPSK | 25.01 | 25.31 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@49 | DFT_QPSK | 25.49 | 25.79 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 25@12 | DFT_QAM16 | 24.49 | 24.79 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@1 | DFT_QAM16 | 24.13 | 24.43 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@49 | DFT_QAM16 | 24.97 | 25.27 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 25@12 | DFT_QAM64 | 23.05 | 23.35 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@1 | DFT_QAM64 | 22.37 | 22.67 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@49 | DFT_QAM64 | 22.79 | 23.09 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 25@12 | DFT_QAM256 | 21.05 | 21.35 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@1 | DFT_QAM256 | 20.74 | 21.04 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@49 | DFT_QAM256 | 21.2 | 21.5 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 25@12 | CP_QPSK | 23.94 | 24.24 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@1 | CP_QPSK | 23.55 | 23.85 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@49 | CP_QPSK | 24.04 | 24.34 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 25@12 | CP_QAM16 | 23.5 | 23.8 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@1 | CP_QAM16 | 23.3 | 23.6 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@49 | CP_QAM16 | 23.76 | 24.06 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 25@12 | CP_QAM64 | 22.05 | 22.35 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@1 | CP_QAM64 | 21.67 | 21.97 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@49 | CP_QAM64 | 22.23 | 22.53 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 25@12 | CP_QAM256 | 19.05 | 19.35 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@1 | CP_QAM256 | 18.93 | 19.23 | 33 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 1@49 | CP_QAM256 | 19.52 | 19.82 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 36@18 | DFT_BPSK | 25.33 | 25.63 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@1 | DFT_BPSK | 25.37 | 25.67 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@76 | DFT_BPSK | 25.34 | 25.64 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 36@18 | DFT_QPSK | 25.34 | 25.64 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@1 | DFT_QPSK | 25.1 | 25.4 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@76 | DFT_QPSK | 25.28 | 25.58 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 36@18 | DFT_QAM16 | 24.28 | 24.58 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@1 | DFT_QAM16 | 24.3 | 24.6 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@76 | DFT_QAM16 | 24.32 | 24.62 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 36@18 | DFT_QAM64 | 22.86 | 23.16 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@1 | DFT_QAM64 | 22.87 | 23.17 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@76 | DFT_QAM64 | 22.45 | 22.75 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 36@18 | DFT_QAM256 | 20.8 | 21.1 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@1 | DFT_QAM256 | 20.85 | 21.15 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@76 | DFT_QAM256 | 21.04 | 21.34 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 39@19 | CP_QPSK | 23.8 | 24.1 | 33 | PASS |

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|----------------|----|----|--------|-------|------------|-------|-------|----|------|
| n77(3700-3980) | 30 | 30 | 647668 | 1@1 | CP_QPSK | 23.56 | 23.86 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@76 | CP_QPSK | 23.71 | 24.01 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 39@19 | CP_QAM16 | 23.38 | 23.68 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@1 | CP_QAM16 | 23.34 | 23.64 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@76 | CP_QAM16 | 23.43 | 23.73 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 39@19 | CP_QAM64 | 21.86 | 22.16 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@1 | CP_QAM64 | 21.81 | 22.11 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@76 | CP_QAM64 | 21.81 | 22.11 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 39@19 | CP_QAM256 | 18.88 | 19.18 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@1 | CP_QAM256 | 19.04 | 19.34 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 1@76 | CP_QAM256 | 19.09 | 19.39 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 36@18 | DFT_BPSK | 24.76 | 25.06 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@1 | DFT_BPSK | 24.72 | 25.02 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@76 | DFT_BPSK | 25.05 | 25.35 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 36@18 | DFT_QPSK | 24.76 | 25.06 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@1 | DFT_QPSK | 24.63 | 24.93 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@76 | DFT_QPSK | 24.86 | 25.16 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 36@18 | DFT_QAM16 | 23.68 | 23.98 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@1 | DFT_QAM16 | 23.82 | 24.12 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@76 | DFT_QAM16 | 24.08 | 24.38 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 36@18 | DFT_QAM64 | 22.31 | 22.61 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@1 | DFT_QAM64 | 22.44 | 22.74 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@76 | DFT_QAM64 | 22.61 | 22.91 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 36@18 | DFT_QAM256 | 20.36 | 20.66 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@1 | DFT_QAM256 | 20.48 | 20.78 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@76 | DFT_QAM256 | 20.7 | 21 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 39@19 | CP_QPSK | 23.28 | 23.58 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@1 | CP_QPSK | 23.17 | 23.47 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@76 | CP_QPSK | 23.39 | 23.69 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 39@19 | CP_QAM16 | 22.79 | 23.09 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@1 | CP_QAM16 | 23.07 | 23.37 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@76 | CP_QAM16 | 23.33 | 23.63 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 39@19 | CP_QAM64 | 21.26 | 21.56 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@1 | CP_QAM64 | 21.13 | 21.43 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@76 | CP_QAM64 | 21.38 | 21.68 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 39@19 | CP_QAM256 | 18.37 | 18.67 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@1 | CP_QAM256 | 18.48 | 18.78 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 1@76 | CP_QAM256 | 18.81 | 19.11 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 36@18 | DFT_BPSK | 25.31 | 25.61 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@1 | DFT_BPSK | 24.97 | 25.27 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@76 | DFT_BPSK | 25.63 | 25.93 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 36@18 | DFT_QPSK | 25.33 | 25.63 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@1 | DFT_QPSK | 25.02 | 25.32 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@76 | DFT_QPSK | 25.52 | 25.82 | 33 | PASS |

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|----------------|----|----|--------|-------|------------|-------|-------|----|------|
| n77(3700-3980) | 30 | 30 | 664332 | 36@18 | DFT_QAM16 | 24.32 | 24.62 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@1 | DFT_QAM16 | 24.13 | 24.43 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@76 | DFT_QAM16 | 24.74 | 25.04 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 36@18 | DFT_QAM64 | 22.81 | 23.11 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@1 | DFT_QAM64 | 22.68 | 22.98 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@76 | DFT_QAM64 | 23.26 | 23.56 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 36@18 | DFT_QAM256 | 20.9 | 21.2 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@1 | DFT_QAM256 | 20.77 | 21.07 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@76 | DFT_QAM256 | 21.37 | 21.67 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 39@19 | CP_QPSK | 23.73 | 24.03 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@1 | CP_QPSK | 23.49 | 23.79 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@76 | CP_QPSK | 24.08 | 24.38 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 39@19 | CP_QAM16 | 23.36 | 23.66 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@1 | CP_QAM16 | 23.4 | 23.7 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@76 | CP_QAM16 | 23.83 | 24.13 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 39@19 | CP_QAM64 | 21.88 | 22.18 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@1 | CP_QAM64 | 21.56 | 21.86 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@76 | CP_QAM64 | 22.18 | 22.48 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 39@19 | CP_QAM256 | 18.93 | 19.23 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@1 | CP_QAM256 | 18.78 | 19.08 | 33 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 1@76 | CP_QAM256 | 19.47 | 19.77 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 50@25 | DFT_BPSK | 25.39 | 25.69 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@1 | DFT_BPSK | 25.26 | 25.56 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@104 | DFT_BPSK | 25.32 | 25.62 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 50@25 | DFT_QPSK | 25.35 | 25.65 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@1 | DFT_QPSK | 25.23 | 25.53 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@104 | DFT_QPSK | 25.29 | 25.59 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 50@25 | DFT_QAM16 | 24.32 | 24.62 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@1 | DFT_QAM16 | 24.52 | 24.82 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@104 | DFT_QAM16 | 24.4 | 24.7 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 50@25 | DFT_QAM64 | 22.91 | 23.21 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@1 | DFT_QAM64 | 22.53 | 22.83 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@104 | DFT_QAM64 | 22.57 | 22.87 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 50@25 | DFT_QAM256 | 20.84 | 21.14 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@1 | DFT_QAM256 | 20.9 | 21.2 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@104 | DFT_QAM256 | 20.85 | 21.15 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 53@26 | CP_QPSK | 23.84 | 24.14 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@1 | CP_QPSK | 23.68 | 23.98 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@104 | CP_QPSK | 23.67 | 23.97 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 53@26 | CP_QAM16 | 23.31 | 23.61 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@1 | CP_QAM16 | 23.23 | 23.53 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@104 | CP_QAM16 | 23.63 | 23.93 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 53@26 | CP_QAM64 | 21.85 | 22.15 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@1 | CP_QAM64 | 21.8 | 22.1 | 33 | PASS |

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|----------------|----|----|--------|-------|------------|-------|-------|----|------|
| n77(3700-3980) | 30 | 40 | 648000 | 1@104 | CP_QAM64 | 21.58 | 21.88 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 53@26 | CP_QAM256 | 18.88 | 19.18 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@1 | CP_QAM256 | 19.02 | 19.32 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 1@104 | CP_QAM256 | 19.04 | 19.34 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 50@25 | DFT_BPSK | 24.82 | 25.12 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@1 | DFT_BPSK | 24.83 | 25.13 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@104 | DFT_BPSK | 25.07 | 25.37 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 50@25 | DFT_QPSK | 24.84 | 25.14 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@1 | DFT_QPSK | 24.71 | 25.01 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@104 | DFT_QPSK | 24.93 | 25.23 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 50@25 | DFT_QAM16 | 23.8 | 24.1 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@1 | DFT_QAM16 | 24.19 | 24.49 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@104 | DFT_QAM16 | 24.25 | 24.55 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 50@25 | DFT_QAM64 | 22.36 | 22.66 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@1 | DFT_QAM64 | 21.94 | 22.24 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@104 | DFT_QAM64 | 22.14 | 22.44 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 50@25 | DFT_QAM256 | 20.26 | 20.56 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@1 | DFT_QAM256 | 20.39 | 20.69 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@104 | DFT_QAM256 | 20.58 | 20.88 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 53@26 | CP_QPSK | 23.27 | 23.57 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@1 | CP_QPSK | 23.27 | 23.57 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@104 | CP_QPSK | 23.36 | 23.66 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 53@26 | CP_QAM16 | 22.83 | 23.13 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@1 | CP_QAM16 | 23.2 | 23.5 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@104 | CP_QAM16 | 23.08 | 23.38 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 53@26 | CP_QAM64 | 21.24 | 21.54 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@1 | CP_QAM64 | 21.16 | 21.46 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@104 | CP_QAM64 | 21.51 | 21.81 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 53@26 | CP_QAM256 | 18.36 | 18.66 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@1 | CP_QAM256 | 18.53 | 18.83 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 1@104 | CP_QAM256 | 18.75 | 19.05 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 50@25 | DFT_BPSK | 25.2 | 25.5 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@1 | DFT_BPSK | 25.13 | 25.43 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@104 | DFT_BPSK | 25.65 | 25.95 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 50@25 | DFT_QPSK | 25.16 | 25.46 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@1 | DFT_QPSK | 24.92 | 25.22 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@104 | DFT_QPSK | 25.46 | 25.76 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 50@25 | DFT_QAM16 | 24.08 | 24.38 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@1 | DFT_QAM16 | 24.05 | 24.35 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@104 | DFT_QAM16 | 24.63 | 24.93 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 50@25 | DFT_QAM64 | 22.75 | 23.05 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@1 | DFT_QAM64 | 22.29 | 22.59 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@104 | DFT_QAM64 | 23.22 | 23.52 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 50@25 | DFT_QAM256 | 20.72 | 21.02 | 33 | PASS |

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|----------------|----|----|--------|-------|------------|-------|-------|----|------|
| n77(3700-3980) | 30 | 40 | 664000 | 1@1 | DFT_QAM256 | 20.66 | 20.96 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@104 | DFT_QAM256 | 21.39 | 21.69 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 53@26 | CP_QPSK | 23.63 | 23.93 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@1 | CP_QPSK | 23.52 | 23.82 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@104 | CP_QPSK | 23.96 | 24.26 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 53@26 | CP_QAM16 | 23.19 | 23.49 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@1 | CP_QAM16 | 23.46 | 23.76 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@104 | CP_QAM16 | 23.74 | 24.04 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 53@26 | CP_QAM64 | 21.66 | 21.96 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@1 | CP_QAM64 | 21.63 | 21.93 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@104 | CP_QAM64 | 22.21 | 22.51 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 53@26 | CP_QAM256 | 18.72 | 19.02 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@1 | CP_QAM256 | 18.87 | 19.17 | 33 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 1@104 | CP_QAM256 | 19.39 | 19.69 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 64@32 | DFT_BPSK | 25.4 | 25.7 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@1 | DFT_BPSK | 25.27 | 25.57 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@131 | DFT_BPSK | 25.22 | 25.52 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 64@32 | DFT_QPSK | 25.42 | 25.72 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@1 | DFT_QPSK | 25.11 | 25.41 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@131 | DFT_QPSK | 25.22 | 25.52 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 64@32 | DFT_QAM16 | 24.37 | 24.67 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@1 | DFT_QAM16 | 24.4 | 24.7 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@131 | DFT_QAM16 | 24.4 | 24.7 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 64@32 | DFT_QAM64 | 22.94 | 23.24 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@1 | DFT_QAM64 | 22.31 | 22.61 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@131 | DFT_QAM64 | 22.9 | 23.2 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 64@32 | DFT_QAM256 | 20.92 | 21.22 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@1 | DFT_QAM256 | 21.01 | 21.31 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@131 | DFT_QAM256 | 20.78 | 21.08 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 67@33 | CP_QPSK | 23.89 | 24.19 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@1 | CP_QPSK | 23.66 | 23.96 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@131 | CP_QPSK | 23.66 | 23.96 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 67@33 | CP_QAM16 | 23.36 | 23.66 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@1 | CP_QAM16 | 23.56 | 23.86 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@131 | CP_QAM16 | 23.61 | 23.91 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 67@33 | CP_QAM64 | 21.8 | 22.1 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@1 | CP_QAM64 | 21.81 | 22.11 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@131 | CP_QAM64 | 21.84 | 22.14 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 67@33 | CP_QAM256 | 18.99 | 19.29 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@1 | CP_QAM256 | 19.05 | 19.35 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 1@131 | CP_QAM256 | 19.08 | 19.38 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 64@32 | DFT_BPSK | 24.78 | 25.08 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@1 | DFT_BPSK | 24.96 | 25.26 | 33 | PASS |

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|----------------|----|----|--------|-------|------------|-------|-------|----|------|
| n77(3700-3980) | 30 | 50 | 656000 | 1@131 | DFT_BPSK | 24.99 | 25.29 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 64@32 | DFT_QPSK | 24.81 | 25.11 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@1 | DFT_QPSK | 24.73 | 25.03 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@131 | DFT_QPSK | 24.9 | 25.2 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 64@32 | DFT_QAM16 | 23.83 | 24.13 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@1 | DFT_QAM16 | 23.89 | 24.19 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@131 | DFT_QAM16 | 24.18 | 24.48 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 64@32 | DFT_QAM64 | 22.28 | 22.58 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@1 | DFT_QAM64 | 22.26 | 22.56 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@131 | DFT_QAM64 | 22.27 | 22.57 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 64@32 | DFT_QAM256 | 20.33 | 20.63 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@1 | DFT_QAM256 | 20.4 | 20.7 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@131 | DFT_QAM256 | 20.62 | 20.92 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 67@33 | CP_QPSK | 23.34 | 23.64 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@1 | CP_QPSK | 23.27 | 23.57 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@131 | CP_QPSK | 23.36 | 23.66 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 67@33 | CP_QAM16 | 22.82 | 23.12 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@1 | CP_QAM16 | 23.19 | 23.49 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@131 | CP_QAM16 | 23.33 | 23.63 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 67@33 | CP_QAM64 | 21.32 | 21.62 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@1 | CP_QAM64 | 21.37 | 21.67 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@131 | CP_QAM64 | 21.3 | 21.6 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 67@33 | CP_QAM256 | 18.37 | 18.67 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@1 | CP_QAM256 | 18.75 | 19.05 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 1@131 | CP_QAM256 | 18.78 | 19.08 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 64@32 | DFT_BPSK | 25.15 | 25.45 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@1 | DFT_BPSK | 25.11 | 25.41 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@131 | DFT_BPSK | 25.63 | 25.93 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 64@32 | DFT_QPSK | 25.15 | 25.45 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@1 | DFT_QPSK | 25.06 | 25.36 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@131 | DFT_QPSK | 25.66 | 25.96 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 64@32 | DFT_QAM16 | 24.13 | 24.43 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@1 | DFT_QAM16 | 24.11 | 24.41 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@131 | DFT_QAM16 | 24.71 | 25.01 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 64@32 | DFT_QAM64 | 22.63 | 22.93 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@1 | DFT_QAM64 | 22.64 | 22.94 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@131 | DFT_QAM64 | 23.2 | 23.5 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 64@32 | DFT_QAM256 | 20.73 | 21.03 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@1 | DFT_QAM256 | 20.63 | 20.93 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@131 | DFT_QAM256 | 21.35 | 21.65 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 67@33 | CP_QPSK | 23.59 | 23.89 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@1 | CP_QPSK | 23.46 | 23.76 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@131 | CP_QPSK | 24.02 | 24.32 | 33 | PASS |

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|----------------|----|----|--------|-------|------------|-------|-------|----|------|
| n77(3700-3980) | 30 | 50 | 663666 | 67@33 | CP_QAM16 | 23.2 | 23.5 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@1 | CP_QAM16 | 23.15 | 23.45 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@131 | CP_QAM16 | 23.74 | 24.04 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 67@33 | CP_QAM64 | 21.73 | 22.03 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@1 | CP_QAM64 | 21.52 | 21.82 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@131 | CP_QAM64 | 22.09 | 22.39 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 67@33 | CP_QAM256 | 18.67 | 18.97 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@1 | CP_QAM256 | 18.81 | 19.11 | 33 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 1@131 | CP_QAM256 | 19.45 | 19.75 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 81@40 | DFT_BPSK | 25.32 | 25.62 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@1 | DFT_BPSK | 25.2 | 25.5 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@160 | DFT_BPSK | 25.15 | 25.45 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 81@40 | DFT_QPSK | 25.32 | 25.62 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@1 | DFT_QPSK | 25.14 | 25.44 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@160 | DFT_QPSK | 25.05 | 25.35 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 81@40 | DFT_QAM16 | 24.42 | 24.72 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@1 | DFT_QAM16 | 24.19 | 24.49 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@160 | DFT_QAM16 | 24.41 | 24.71 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 81@40 | DFT_QAM64 | 22.9 | 23.2 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@1 | DFT_QAM64 | 22.78 | 23.08 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@160 | DFT_QAM64 | 22.3 | 22.6 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 81@40 | DFT_QAM256 | 20.9 | 21.2 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@1 | DFT_QAM256 | 20.95 | 21.25 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@160 | DFT_QAM256 | 20.76 | 21.06 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 81@40 | CP_QPSK | 23.85 | 24.15 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@1 | CP_QPSK | 23.65 | 23.95 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@160 | CP_QPSK | 23.46 | 23.76 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 81@40 | CP_QAM16 | 23.4 | 23.7 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@1 | CP_QAM16 | 23.51 | 23.81 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@160 | CP_QAM16 | 23.29 | 23.59 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 81@40 | CP_QAM64 | 21.82 | 22.12 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@1 | CP_QAM64 | 21.6 | 21.9 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@160 | CP_QAM64 | 21.57 | 21.87 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 81@40 | CP_QAM256 | 18.8 | 19.1 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@1 | CP_QAM256 | 18.96 | 19.26 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 1@160 | CP_QAM256 | 18.88 | 19.18 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 81@40 | DFT_BPSK | 24.87 | 25.17 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@1 | DFT_BPSK | 24.88 | 25.18 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@160 | DFT_BPSK | 24.71 | 25.01 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 81@40 | DFT_QPSK | 24.83 | 25.13 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@1 | DFT_QPSK | 24.78 | 25.08 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@160 | DFT_QPSK | 24.69 | 24.99 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 81@40 | DFT_QAM16 | 23.88 | 24.18 | 33 | PASS |

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|----------------|----|----|--------|-------|------------|-------|-------|----|------|
| n77(3700-3980) | 30 | 60 | 656000 | 1@1 | DFT_QAM16 | 23.94 | 24.24 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@160 | DFT_QAM16 | 23.91 | 24.21 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 81@40 | DFT_QAM64 | 22.33 | 22.63 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@1 | DFT_QAM64 | 22.02 | 22.32 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@160 | DFT_QAM64 | 22.04 | 22.34 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 81@40 | DFT_QAM256 | 20.32 | 20.62 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@1 | DFT_QAM256 | 20.35 | 20.65 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@160 | DFT_QAM256 | 20.54 | 20.84 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 81@40 | CP_QPSK | 23.33 | 23.63 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@1 | CP_QPSK | 23.21 | 23.51 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@160 | CP_QPSK | 23.2 | 23.5 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 81@40 | CP_QAM16 | 22.85 | 23.15 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@1 | CP_QAM16 | 23.13 | 23.43 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@160 | CP_QAM16 | 23.08 | 23.38 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 81@40 | CP_QAM64 | 21.36 | 21.66 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@1 | CP_QAM64 | 21.13 | 21.43 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@160 | CP_QAM64 | 21.16 | 21.46 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 81@40 | CP_QAM256 | 18.36 | 18.66 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@1 | CP_QAM256 | 18.5 | 18.8 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 1@160 | CP_QAM256 | 18.43 | 18.73 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 81@40 | DFT_BPSK | 25.07 | 25.37 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@1 | DFT_BPSK | 24.67 | 24.97 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@160 | DFT_BPSK | 25.6 | 25.9 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 81@40 | DFT_QPSK | 25.05 | 25.35 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@1 | DFT_QPSK | 24.61 | 24.91 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@160 | DFT_QPSK | 25.43 | 25.73 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 81@40 | DFT_QAM16 | 24.12 | 24.42 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@1 | DFT_QAM16 | 23.81 | 24.11 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@160 | DFT_QAM16 | 24.66 | 24.96 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 81@40 | DFT_QAM64 | 22.6 | 22.9 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@1 | DFT_QAM64 | 22.21 | 22.51 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@160 | DFT_QAM64 | 23.1 | 23.4 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 81@40 | DFT_QAM256 | 20.66 | 20.96 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@1 | DFT_QAM256 | 20.43 | 20.73 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@160 | DFT_QAM256 | 21.29 | 21.59 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 81@40 | CP_QPSK | 23.56 | 23.86 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@1 | CP_QPSK | 23.1 | 23.4 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@160 | CP_QPSK | 23.88 | 24.18 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 81@40 | CP_QAM16 | 23.13 | 23.43 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@1 | CP_QAM16 | 22.91 | 23.21 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@160 | CP_QAM16 | 23.86 | 24.16 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 81@40 | CP_QAM64 | 21.62 | 21.92 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@1 | CP_QAM64 | 21 | 21.3 | 33 | PASS |

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|----------------|----|----|--------|--------|------------|-------|-------|----|------|
| n77(3700-3980) | 30 | 60 | 663332 | 1@160 | CP_QAM64 | 22 | 22.3 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 81@40 | CP_QAM256 | 18.68 | 18.98 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@1 | CP_QAM256 | 18.32 | 18.62 | 33 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 1@160 | CP_QAM256 | 19.2 | 19.5 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 108@54 | DFT_BPSK | 25.4 | 25.7 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@1 | DFT_BPSK | 25.35 | 25.65 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@215 | DFT_BPSK | 25.21 | 25.51 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 108@54 | DFT_QPSK | 25.41 | 25.71 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@1 | DFT_QPSK | 25.35 | 25.65 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@215 | DFT_QPSK | 25.16 | 25.46 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 108@54 | DFT_QAM16 | 24.49 | 24.79 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@1 | DFT_QAM16 | 24.29 | 24.59 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@215 | DFT_QAM16 | 24.19 | 24.49 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 108@54 | DFT_QAM64 | 22.99 | 23.29 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@1 | DFT_QAM64 | 22.67 | 22.97 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@215 | DFT_QAM64 | 22.48 | 22.78 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 108@54 | DFT_QAM256 | 21 | 21.3 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@1 | DFT_QAM256 | 20.83 | 21.13 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@215 | DFT_QAM256 | 20.68 | 20.98 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 109@54 | CP_QPSK | 23.94 | 24.24 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@1 | CP_QPSK | 23.7 | 24 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@215 | CP_QPSK | 23.53 | 23.83 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 109@54 | CP_QAM16 | 23.43 | 23.73 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@1 | CP_QAM16 | 23.66 | 23.96 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@215 | CP_QAM16 | 23.48 | 23.78 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 109@54 | CP_QAM64 | 21.95 | 22.25 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@1 | CP_QAM64 | 21.88 | 22.18 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@215 | CP_QAM64 | 21.54 | 21.84 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 109@54 | CP_QAM256 | 18.94 | 19.24 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@1 | CP_QAM256 | 18.98 | 19.28 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 1@215 | CP_QAM256 | 18.85 | 19.15 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 108@54 | DFT_BPSK | 24.86 | 25.16 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@1 | DFT_BPSK | 24.84 | 25.14 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@215 | DFT_BPSK | 24.82 | 25.12 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 108@54 | DFT_QPSK | 24.84 | 25.14 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@1 | DFT_QPSK | 24.74 | 25.04 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@215 | DFT_QPSK | 24.6 | 24.9 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 108@54 | DFT_QAM16 | 23.86 | 24.16 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@1 | DFT_QAM16 | 23.94 | 24.24 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@215 | DFT_QAM16 | 23.82 | 24.12 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 108@54 | DFT_QAM64 | 22.36 | 22.66 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@1 | DFT_QAM64 | 22.43 | 22.73 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@215 | DFT_QAM64 | 22.33 | 22.63 | 33 | PASS |

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|----------------|----|----|--------|--------|------------|-------|-------|----|------|
| n77(3700-3980) | 30 | 80 | 656000 | 108@54 | DFT_QAM256 | 20.38 | 20.68 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@1 | DFT_QAM256 | 20.42 | 20.72 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@215 | DFT_QAM256 | 20.45 | 20.75 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 109@54 | CP_QPSK | 23.35 | 23.65 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@1 | CP_QPSK | 23.24 | 23.54 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@215 | CP_QPSK | 23.12 | 23.42 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 109@54 | CP_QAM16 | 22.84 | 23.14 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@1 | CP_QAM16 | 23.14 | 23.44 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@215 | CP_QAM16 | 23.04 | 23.34 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 109@54 | CP_QAM64 | 21.38 | 21.68 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@1 | CP_QAM64 | 21.24 | 21.54 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@215 | CP_QAM64 | 21.23 | 21.53 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 109@54 | CP_QAM256 | 18.31 | 18.61 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@1 | CP_QAM256 | 18.54 | 18.84 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 1@215 | CP_QAM256 | 18.44 | 18.74 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 108@54 | DFT_BPSK | 25.06 | 25.36 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@1 | DFT_BPSK | 24.89 | 25.19 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@215 | DFT_BPSK | 25.57 | 25.87 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 108@54 | DFT_QPSK | 25.11 | 25.41 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@1 | DFT_QPSK | 24.94 | 25.24 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@215 | DFT_QPSK | 25.44 | 25.74 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 108@54 | DFT_QAM16 | 24.07 | 24.37 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@1 | DFT_QAM16 | 24.05 | 24.35 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@215 | DFT_QAM16 | 24.72 | 25.02 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 108@54 | DFT_QAM64 | 22.59 | 22.89 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@1 | DFT_QAM64 | 21.92 | 22.22 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@215 | DFT_QAM64 | 22.57 | 22.87 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 108@54 | DFT_QAM256 | 20.62 | 20.92 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@1 | DFT_QAM256 | 20.6 | 20.9 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@215 | DFT_QAM256 | 21.18 | 21.48 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 109@54 | CP_QPSK | 23.48 | 23.78 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@1 | CP_QPSK | 23.3 | 23.6 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@215 | CP_QPSK | 23.97 | 24.27 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 109@54 | CP_QAM16 | 23.05 | 23.35 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@1 | CP_QAM16 | 23.21 | 23.51 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@215 | CP_QAM16 | 23.84 | 24.14 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 109@54 | CP_QAM64 | 21.55 | 21.85 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@1 | CP_QAM64 | 21.33 | 21.63 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@215 | CP_QAM64 | 22.11 | 22.41 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 109@54 | CP_QAM256 | 18.52 | 18.82 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@1 | CP_QAM256 | 18.7 | 19 | 33 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 1@215 | CP_QAM256 | 19.37 | 19.67 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 120@60 | DFT_BPSK | 25.4 | 25.7 | 33 | PASS |

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|----------------|----|----|--------|--------|------------|-------|-------|----|------|
| n77(3700-3980) | 30 | 90 | 649668 | 1@1 | DFT_BPSK | 25.34 | 25.64 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@243 | DFT_BPSK | 25.16 | 25.46 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 120@60 | DFT_QPSK | 25.42 | 25.72 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@1 | DFT_QPSK | 25.27 | 25.57 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@243 | DFT_QPSK | 25 | 25.3 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 120@60 | DFT_QAM16 | 24.39 | 24.69 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@1 | DFT_QAM16 | 24.39 | 24.69 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@243 | DFT_QAM16 | 24.2 | 24.5 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 120@60 | DFT_QAM64 | 22.88 | 23.18 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@1 | DFT_QAM64 | 22.85 | 23.15 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@243 | DFT_QAM64 | 22.73 | 23.03 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 120@60 | DFT_QAM256 | 20.92 | 21.22 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@1 | DFT_QAM256 | 20.99 | 21.29 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@243 | DFT_QAM256 | 20.82 | 21.12 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 123@61 | CP_QPSK | 23.87 | 24.17 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@1 | CP_QPSK | 23.69 | 23.99 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@243 | CP_QPSK | 23.49 | 23.79 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 123@61 | CP_QAM16 | 23.33 | 23.63 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@1 | CP_QAM16 | 23.62 | 23.92 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@243 | CP_QAM16 | 23.48 | 23.78 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 123@61 | CP_QAM64 | 21.97 | 22.27 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@1 | CP_QAM64 | 21.73 | 22.03 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@243 | CP_QAM64 | 21.38 | 21.68 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 123@61 | CP_QAM256 | 18.92 | 19.22 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@1 | CP_QAM256 | 18.99 | 19.29 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 1@243 | CP_QAM256 | 18.81 | 19.11 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 120@60 | DFT_BPSK | 24.93 | 25.23 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@1 | DFT_BPSK | 24.76 | 25.06 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@243 | DFT_BPSK | 24.82 | 25.12 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 120@60 | DFT_QPSK | 24.87 | 25.17 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@1 | DFT_QPSK | 24.74 | 25.04 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@243 | DFT_QPSK | 24.77 | 25.07 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 120@60 | DFT_QAM16 | 23.9 | 24.2 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@1 | DFT_QAM16 | 23.92 | 24.22 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@243 | DFT_QAM16 | 23.92 | 24.22 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 120@60 | DFT_QAM64 | 22.35 | 22.65 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@1 | DFT_QAM64 | 22.42 | 22.72 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@243 | DFT_QAM64 | 21.82 | 22.12 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 120@60 | DFT_QAM256 | 20.39 | 20.69 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@1 | DFT_QAM256 | 20.55 | 20.85 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@243 | DFT_QAM256 | 20.29 | 20.59 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 123@61 | CP_QPSK | 23.41 | 23.71 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@1 | CP_QPSK | 23.31 | 23.61 | 33 | PASS |

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|----------------|----|-----|--------|--------|------------|-------|-------|----|------|
| n77(3700-3980) | 30 | 90 | 656000 | 1@243 | CP_QPSK | 23.22 | 23.52 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 123@61 | CP_QAM16 | 22.79 | 23.09 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@1 | CP_QAM16 | 23.13 | 23.43 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@243 | CP_QAM16 | 23.07 | 23.37 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 123@61 | CP_QAM64 | 21.32 | 21.62 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@1 | CP_QAM64 | 21.35 | 21.65 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@243 | CP_QAM64 | 21.36 | 21.66 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 123@61 | CP_QAM256 | 18.39 | 18.69 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@1 | CP_QAM256 | 18.66 | 18.96 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 1@243 | CP_QAM256 | 18.51 | 18.81 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 120@60 | DFT_BPSK | 25.03 | 25.33 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@1 | DFT_BPSK | 24.85 | 25.15 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@243 | DFT_BPSK | 25.58 | 25.88 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 120@60 | DFT_QPSK | 24.98 | 25.28 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@1 | DFT_QPSK | 24.84 | 25.14 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@243 | DFT_QPSK | 25.42 | 25.72 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 120@60 | DFT_QAM16 | 24.07 | 24.37 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@1 | DFT_QAM16 | 24.02 | 24.32 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@243 | DFT_QAM16 | 24.65 | 24.95 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 120@60 | DFT_QAM64 | 22.46 | 22.76 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@1 | DFT_QAM64 | 21.94 | 22.24 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@243 | DFT_QAM64 | 22.58 | 22.88 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 120@60 | DFT_QAM256 | 20.48 | 20.78 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@1 | DFT_QAM256 | 20.56 | 20.86 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@243 | DFT_QAM256 | 21.26 | 21.56 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 123@61 | CP_QPSK | 23.44 | 23.74 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@1 | CP_QPSK | 23.26 | 23.56 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@243 | CP_QPSK | 24.01 | 24.31 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 123@61 | CP_QAM16 | 22.93 | 23.23 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@1 | CP_QAM16 | 23.31 | 23.61 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@243 | CP_QAM16 | 23.85 | 24.15 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 123@61 | CP_QAM64 | 21.49 | 21.79 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@1 | CP_QAM64 | 21.45 | 21.75 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@243 | CP_QAM64 | 22.13 | 22.43 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 123@61 | CP_QAM256 | 18.46 | 18.76 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@1 | CP_QAM256 | 18.69 | 18.99 | 33 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 1@243 | CP_QAM256 | 19.28 | 19.58 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 135@67 | DFT_BPSK | 25.35 | 25.65 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@1 | DFT_BPSK | 25.18 | 25.48 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@271 | DFT_BPSK | 25.03 | 25.33 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 135@67 | DFT_QPSK | 25.42 | 25.72 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@1 | DFT_QPSK | 25.13 | 25.43 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@271 | DFT_QPSK | 24.89 | 25.19 | 33 | PASS |

| | | | | | | | | | |
|----------------|----|-----|--------|--------|------------|-------|-------|----|------|
| n77(3700-3980) | 30 | 100 | 650000 | 135@67 | DFT_QAM16 | 24.46 | 24.76 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@1 | DFT_QAM16 | 24.38 | 24.68 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@271 | DFT_QAM16 | 24.14 | 24.44 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 135@67 | DFT_QAM64 | 22.93 | 23.23 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@1 | DFT_QAM64 | 22.88 | 23.18 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@271 | DFT_QAM64 | 21.98 | 22.28 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 135@67 | DFT_QAM256 | 20.95 | 21.25 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@1 | DFT_QAM256 | 20.8 | 21.1 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@271 | DFT_QAM256 | 20.46 | 20.76 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 137@68 | CP_QPSK | 23.8 | 24.1 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@1 | CP_QPSK | 23.72 | 24.02 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@271 | CP_QPSK | 23.41 | 23.71 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 137@68 | CP_QAM16 | 23.4 | 23.7 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@1 | CP_QAM16 | 23.52 | 23.82 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@271 | CP_QAM16 | 23.29 | 23.59 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 137@68 | CP_QAM64 | 21.85 | 22.15 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@1 | CP_QAM64 | 21.65 | 21.95 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@271 | CP_QAM64 | 21.37 | 21.67 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 137@68 | CP_QAM256 | 18.83 | 19.13 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@1 | CP_QAM256 | 19.02 | 19.32 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 1@271 | CP_QAM256 | 18.81 | 19.11 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_BPSK | 24.91 | 25.21 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@1 | DFT_BPSK | 24.9 | 25.2 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@271 | DFT_BPSK | 24.86 | 25.16 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_QPSK | 24.93 | 25.23 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@1 | DFT_QPSK | 24.7 | 25 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@271 | DFT_QPSK | 24.76 | 25.06 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_QAM16 | 23.92 | 24.22 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@1 | DFT_QAM16 | 23.81 | 24.11 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@271 | DFT_QAM16 | 23.89 | 24.19 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_QAM64 | 22.35 | 22.65 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@1 | DFT_QAM64 | 22.06 | 22.36 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@271 | DFT_QAM64 | 22.18 | 22.48 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_QAM256 | 20.39 | 20.69 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@1 | DFT_QAM256 | 20.36 | 20.66 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@271 | DFT_QAM256 | 20.41 | 20.71 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 137@68 | CP_QPSK | 23.39 | 23.69 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@1 | CP_QPSK | 23.13 | 23.43 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@271 | CP_QPSK | 23.14 | 23.44 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 137@68 | CP_QAM16 | 22.9 | 23.2 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@1 | CP_QAM16 | 23.19 | 23.49 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@271 | CP_QAM16 | 23.01 | 23.31 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 137@68 | CP_QAM64 | 21.39 | 21.69 | 33 | PASS |

| | | | | | | | | | |
|----------------|----|-----|--------|--------|------------|-------|-------|----|------|
| n77(3700-3980) | 30 | 100 | 656000 | 1@1 | CP_QAM64 | 21.23 | 21.53 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@271 | CP_QAM64 | 21.42 | 21.72 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 137@68 | CP_QAM256 | 18.42 | 18.72 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@1 | CP_QAM256 | 18.64 | 18.94 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 1@271 | CP_QAM256 | 18.65 | 18.95 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 135@67 | DFT_BPSK | 24.98 | 25.28 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@1 | DFT_BPSK | 24.68 | 24.98 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@271 | DFT_BPSK | 25.63 | 25.93 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 135@67 | DFT_QPSK | 25 | 25.3 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@1 | DFT_QPSK | 24.62 | 24.92 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@271 | DFT_QPSK | 25.38 | 25.68 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 135@67 | DFT_QAM16 | 24.01 | 24.31 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@1 | DFT_QAM16 | 23.67 | 23.97 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@271 | DFT_QAM16 | 24.78 | 25.08 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 135@67 | DFT_QAM64 | 22.51 | 22.81 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@1 | DFT_QAM64 | 22 | 22.3 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@271 | DFT_QAM64 | 22.86 | 23.16 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 135@67 | DFT_QAM256 | 20.44 | 20.74 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@1 | DFT_QAM256 | 20.2 | 20.5 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@271 | DFT_QAM256 | 21.13 | 21.43 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 137@68 | CP_QPSK | 23.36 | 23.66 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@1 | CP_QPSK | 23.06 | 23.36 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@271 | CP_QPSK | 23.95 | 24.25 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 137@68 | CP_QAM16 | 22.91 | 23.21 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@1 | CP_QAM16 | 22.8 | 23.1 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@271 | CP_QAM16 | 23.76 | 24.06 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 137@68 | CP_QAM64 | 21.39 | 21.69 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@1 | CP_QAM64 | 21.17 | 21.47 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@271 | CP_QAM64 | 22.04 | 22.34 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 137@68 | CP_QAM256 | 18.43 | 18.73 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@1 | CP_QAM256 | 18.37 | 18.67 | 33 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 1@271 | CP_QAM256 | 19.34 | 19.64 | 33 | 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) | 15 | 50 | 656000 | 135@67 | DFT_BPSK | 3.87 | -19.07 | 0.00 | Within authorized band for 5G NR n77 | PASS |
| n77(3700-3980) | 15 | 50 | 656000 | 135@67 | DFT_BPSK | 3.50 | -11.59 | 0.00 | | PASS |
| n77(3700-3980) | 15 | 50 | 656000 | 135@67 | DFT_BPSK | 4.45 | -17.26 | 0.00 | | PASS |
| n77(3700-3980) | 15 | 50 | 656000 | 135@67 | DFT_QPSK | 3.87 | -16.56 | 0.00 | | PASS |
| n77(3700-3980) | 15 | 50 | 656000 | 135@67 | DFT_QPSK | 3.50 | -8.13 | 0.00 | | PASS |
| n77(3700-3980) | 15 | 50 | 656000 | 135@67 | DFT_QPSK | 4.45 | -13.17 | 0.00 | | 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) | 15 | 50 | 656000 | 135@67 | DFT_BPSK | -30 | -13.76 | 0.00 | Within authorized band for 5G NR n77 | PASS |
| n77(3700-3980) | 15 | 50 | 656000 | 135@67 | DFT_BPSK | -20 | -11.85 | 0.00 | | PASS |
| n77(3700-3980) | 15 | 50 | 656000 | 135@67 | DFT_BPSK | -10 | -15.59 | 0.00 | | PASS |
| n77(3700-3980) | 15 | 50 | 656000 | 135@67 | DFT_BPSK | 0 | -12.92 | 0.00 | | PASS |
| n77(3700-3980) | 15 | 50 | 656000 | 135@67 | DFT_BPSK | 10 | -11.65 | 0.00 | | PASS |
| n77(3700-3980) | 15 | 50 | 656000 | 135@67 | DFT_BPSK | 20 | -13.36 | 0.00 | | PASS |
| n77(3700-3980) | 15 | 50 | 656000 | 135@67 | DFT_BPSK | 30 | -16.11 | 0.00 | | PASS |
| n77(3700-3980) | 15 | 50 | 656000 | 135@67 | DFT_BPSK | 40 | -10.78 | 0.00 | | PASS |
| n77(3700-3980) | 15 | 50 | 656000 | 135@67 | DFT_BPSK | 50 | -16.97 | 0.00 | | PASS |
| n77(3700-3980) | 15 | 50 | 656000 | 135@67 | DFT_QPSK | -30 | -14.05 | 0.00 | | PASS |
| n77(3700-3980) | 15 | 50 | 656000 | 135@67 | DFT_QPSK | -20 | -12.17 | 0.00 | | PASS |
| n77(3700-3980) | 15 | 50 | 656000 | 135@67 | DFT_QPSK | -10 | -15.53 | 0.00 | | PASS |
| n77(3700-3980) | 15 | 50 | 656000 | 135@67 | DFT_QPSK | 0 | -13.19 | 0.00 | | PASS |
| n77(3700-3980) | 15 | 50 | 656000 | 135@67 | DFT_QPSK | 10 | -11.71 | 0.00 | | PASS |
| n77(3700-3980) | 15 | 50 | 656000 | 135@67 | DFT_QPSK | 20 | -13.79 | 0.00 | | PASS |
| n77(3700-3980) | 15 | 50 | 656000 | 135@67 | DFT_QPSK | 30 | -15.66 | 0.00 | | PASS |
| n77(3700-3980) | 15 | 50 | 656000 | 135@67 | DFT_QPSK | 40 | -11.02 | 0.00 | PASS | |
| n77(3700-3980) | 15 | 50 | 656000 | 135@67 | DFT_QPSK | 50 | -17.12 | 0.00 | PASS | |

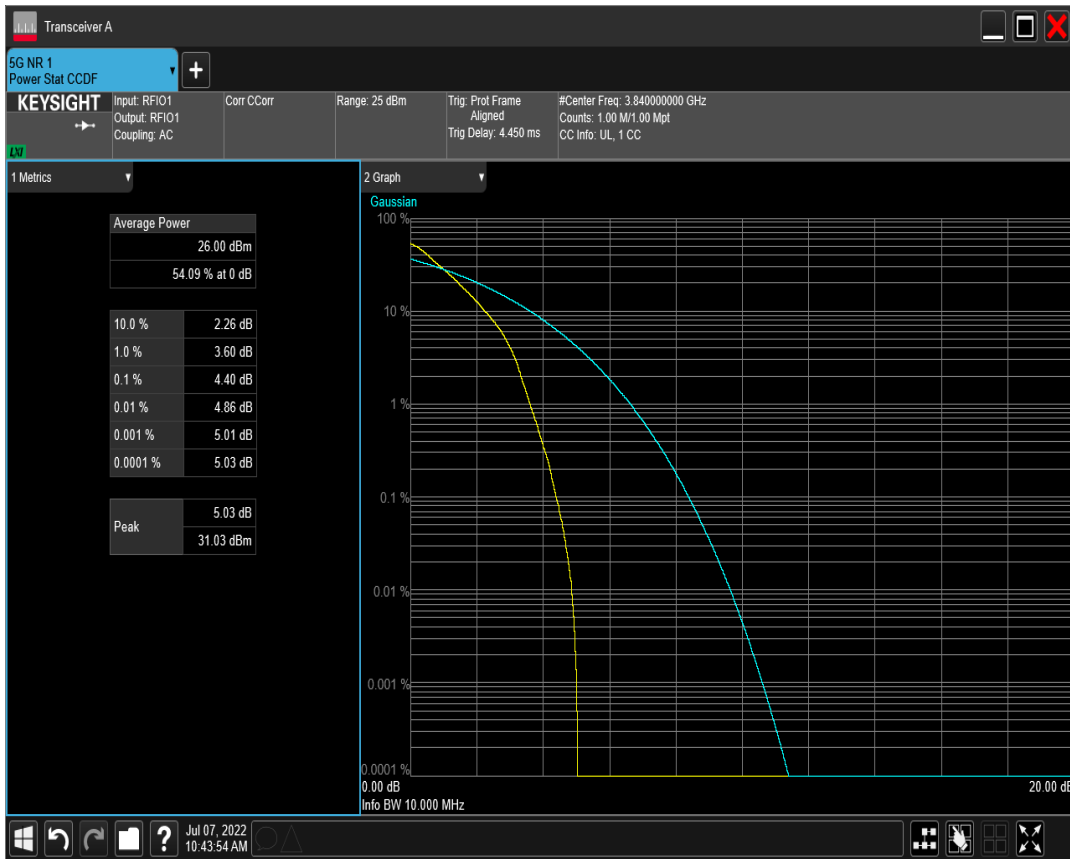
Note: Only the worst case shown in the report.

3 Peak-to-Average Ratio for NR FR1

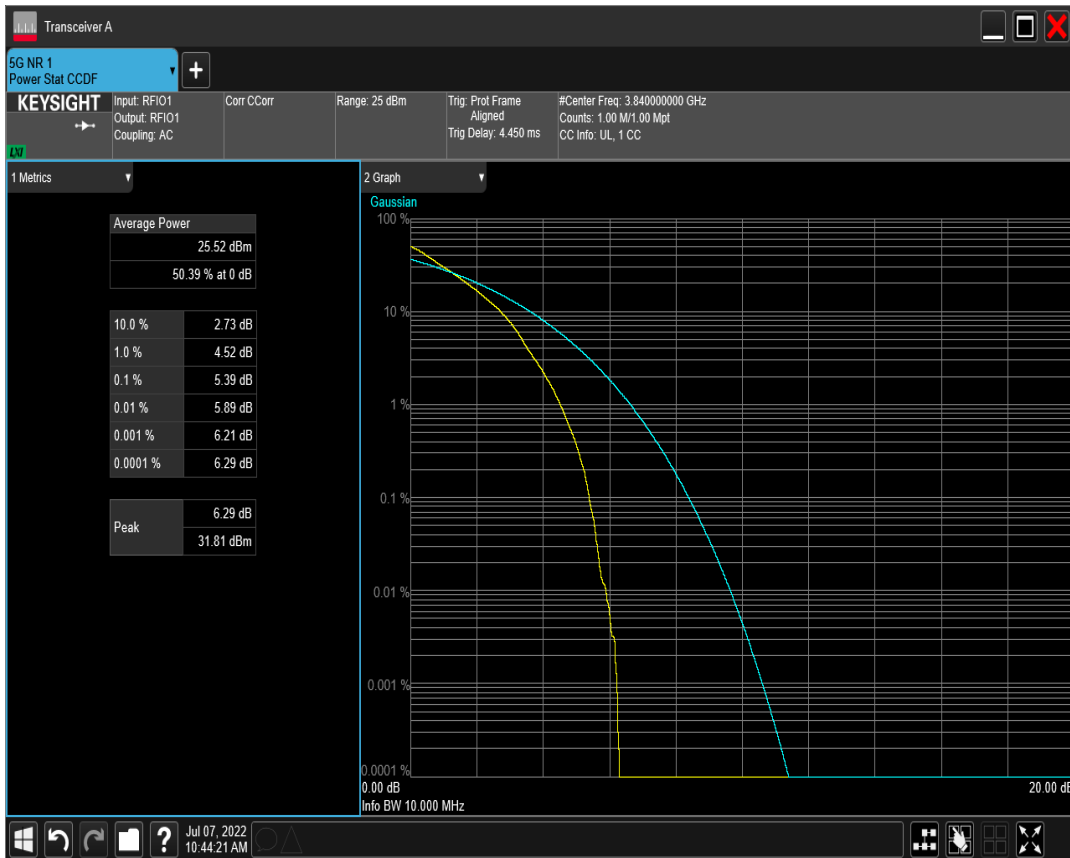
| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Result (dB) | high Limit (dB) | Verdict |
|----------------|--------------|--------------------|---------------|------------------|------------|----------------|--------------------|---------|
| n77(3700-3980) | 30 | 10 | 656000 | 24@0 | DFT_BPSK | 4.40 | 13 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 24@0 | DFT_QPSK | 5.39 | 13 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 24@0 | DFT_QAM16 | 6.14 | 13 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 24@0 | DFT_QAM64 | 6.35 | 13 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 24@0 | DFT_QAM256 | 6.85 | 13 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 36@0 | DFT_BPSK | 4.44 | 13 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 36@0 | DFT_QPSK | 5.47 | 13 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 36@0 | DFT_QAM16 | 6.25 | 13 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 36@0 | DFT_QAM64 | 6.50 | 13 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 36@0 | DFT_QAM256 | 6.79 | 13 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 50@0 | DFT_BPSK | 4.55 | 13 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 50@0 | DFT_QPSK | 5.59 | 13 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 50@0 | DFT_QAM16 | 6.35 | 13 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 50@0 | DFT_QAM64 | 6.52 | 13 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 50@0 | DFT_QAM256 | 6.90 | 13 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 75@0 | DFT_BPSK | 4.39 | 13 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 75@0 | DFT_QPSK | 5.40 | 13 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 75@0 | DFT_QAM16 | 6.25 | 13 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 75@0 | DFT_QAM64 | 6.52 | 13 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 75@0 | DFT_QAM256 | 6.84 | 13 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 100@0 | DFT_BPSK | 4.52 | 13 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 100@0 | DFT_QPSK | 5.47 | 13 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 100@0 | DFT_QAM16 | 6.27 | 13 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 100@0 | DFT_QAM64 | 6.51 | 13 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 100@0 | DFT_QAM256 | 6.95 | 13 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 128@0 | DFT_BPSK | 4.76 | 13 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 128@0 | DFT_QPSK | 5.60 | 13 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 128@0 | DFT_QAM16 | 6.31 | 13 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 128@0 | DFT_QAM64 | 6.57 | 13 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 128@0 | DFT_QAM256 | 6.90 | 13 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 162@0 | DFT_BPSK | 4.48 | 13 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 162@0 | DFT_QPSK | 5.38 | 13 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 162@0 | DFT_QAM16 | 6.19 | 13 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 162@0 | DFT_QAM64 | 6.52 | 13 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 162@0 | DFT_QAM256 | 6.90 | 13 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 216@0 | DFT_BPSK | 5.01 | 13 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 216@0 | DFT_QPSK | 5.55 | 13 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 216@0 | DFT_QAM16 | 6.36 | 13 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 216@0 | DFT_QAM64 | 6.50 | 13 | PASS |

| | | | | | | | | |
|----------------|----|-----|--------|-------|------------|------|----|------|
| n77(3700-3980) | 30 | 80 | 656000 | 216@0 | DFT_QAM256 | 6.81 | 13 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 240@0 | DFT_BPSK | 4.76 | 13 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 240@0 | DFT_QPSK | 5.53 | 13 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 240@0 | DFT_QAM16 | 6.28 | 13 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 240@0 | DFT_QAM64 | 6.55 | 13 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 240@0 | DFT_QAM256 | 6.86 | 13 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 270@0 | DFT_BPSK | 5.22 | 13 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 270@0 | DFT_QPSK | 5.62 | 13 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 270@0 | DFT_QAM16 | 6.38 | 13 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 270@0 | DFT_QAM64 | 6.65 | 13 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 270@0 | DFT_QAM256 | 6.87 | 13 | PASS |

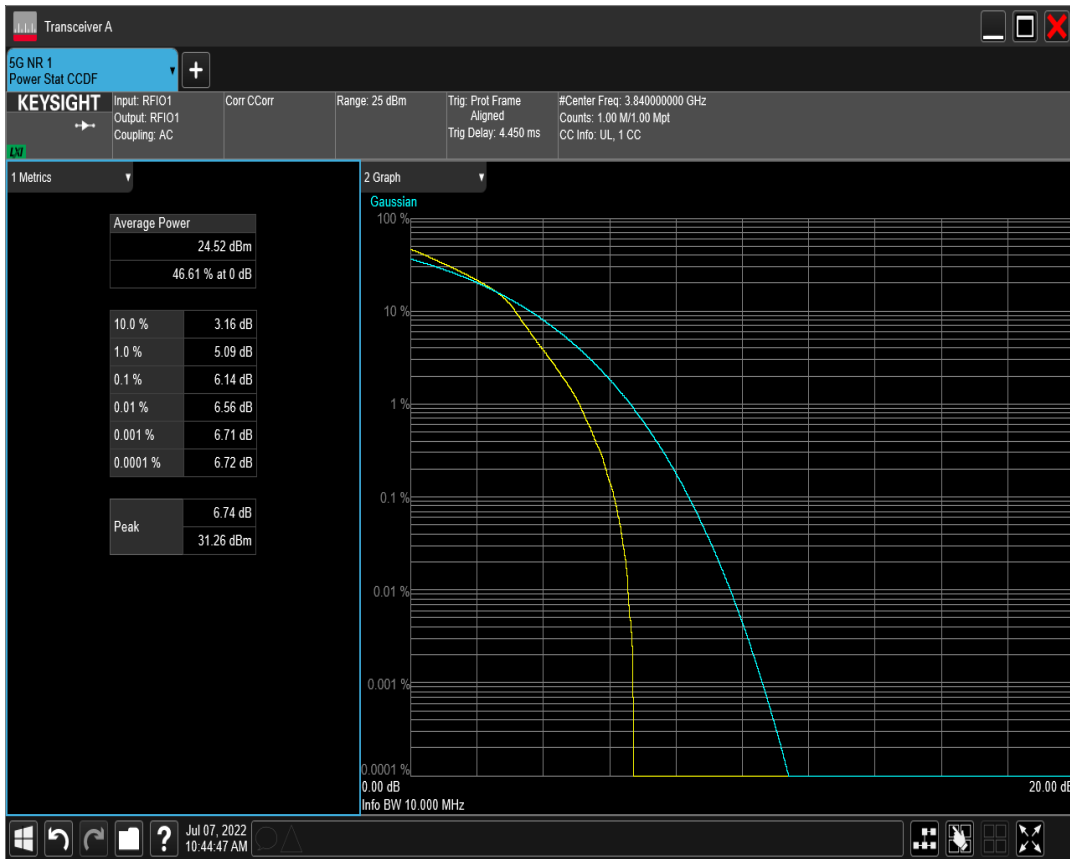
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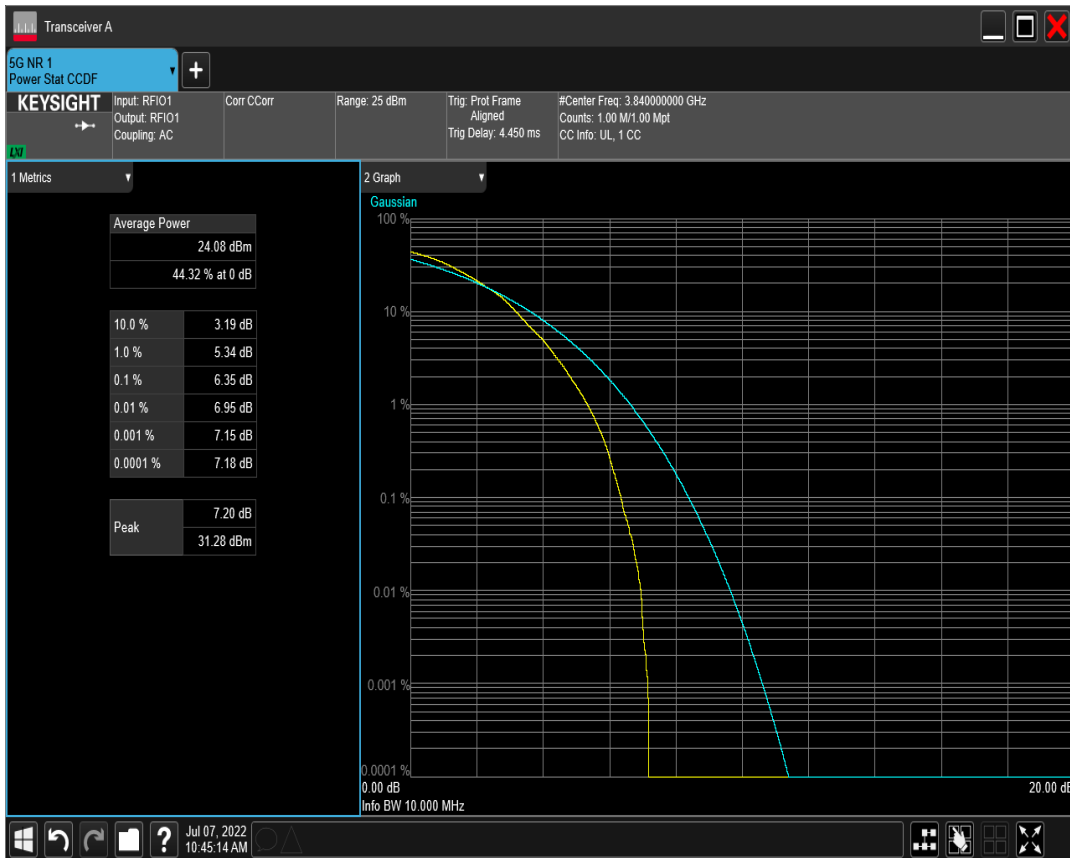
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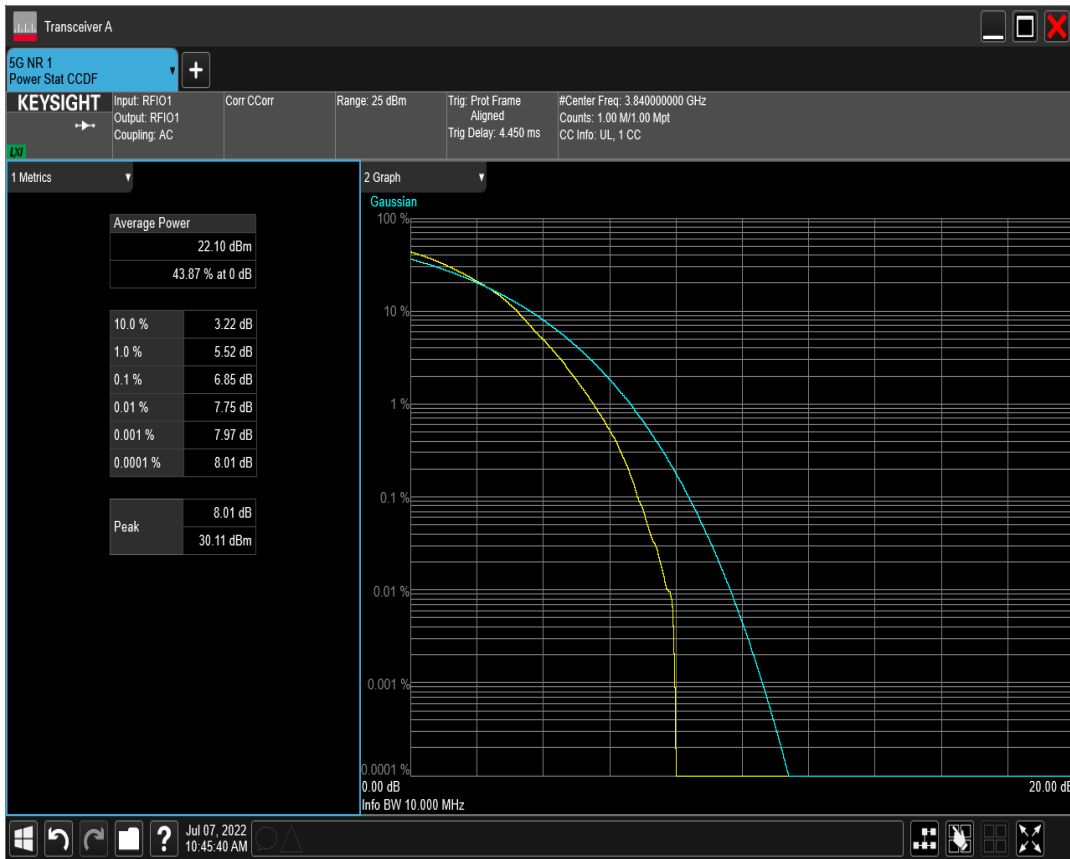
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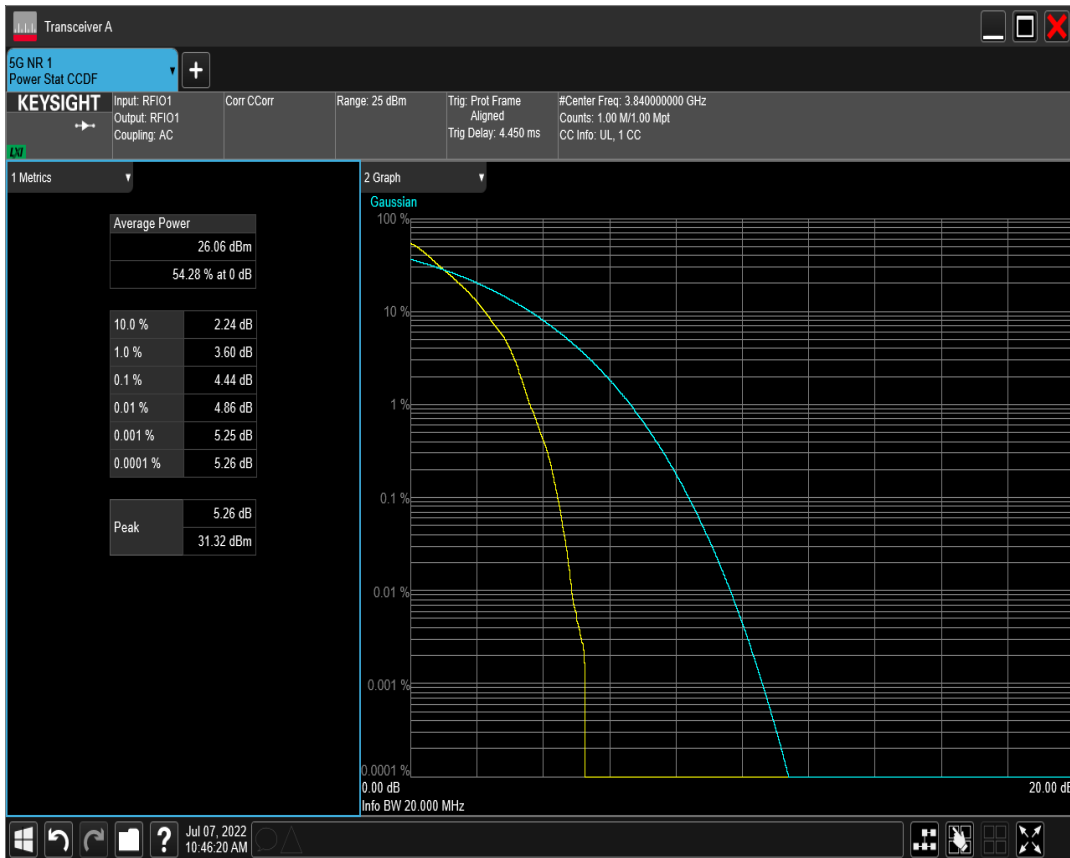
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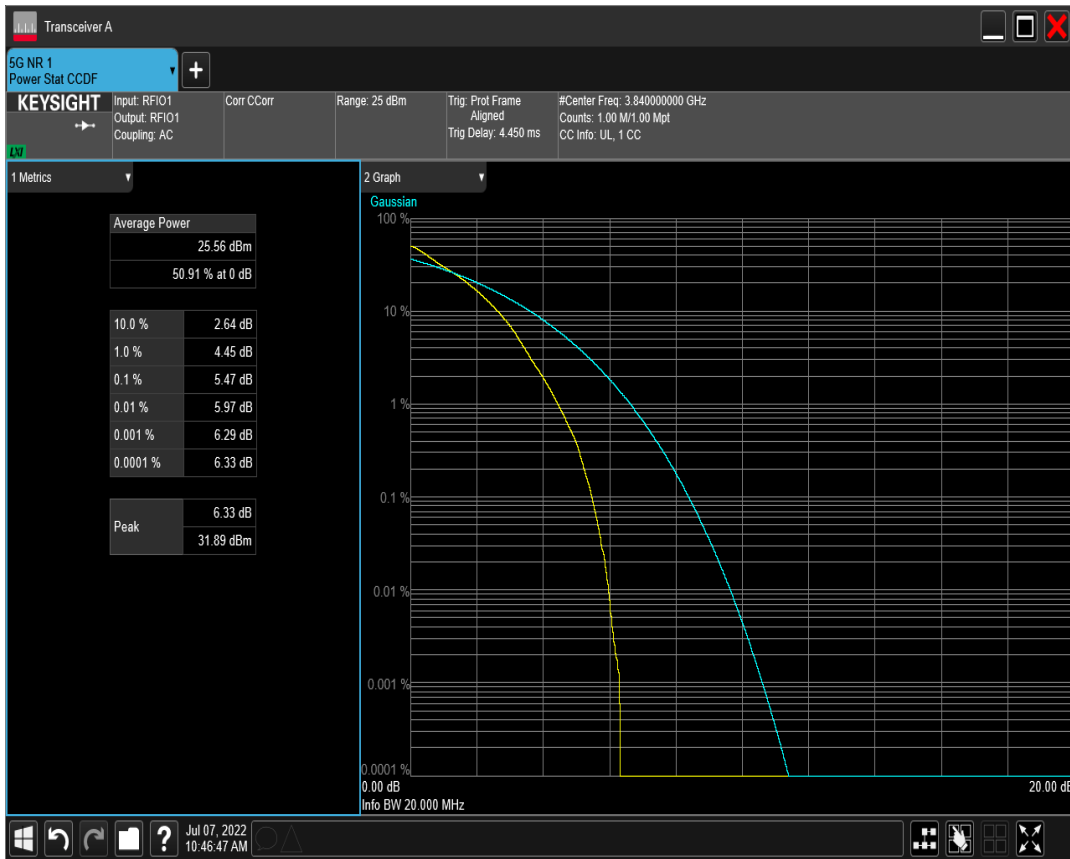
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=10MHz Channel=656000 RB=24@0



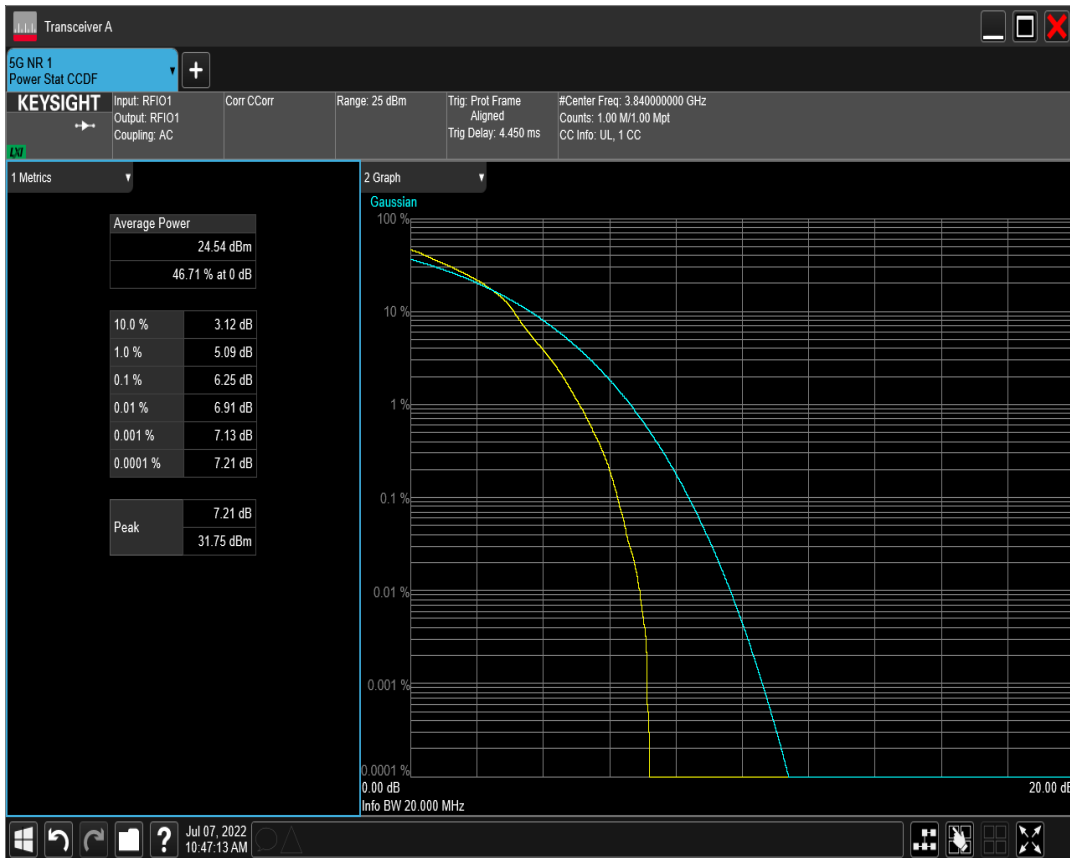
n77(3700-3980) SCS=30kHz DFT_BPSK BW=15MHz Channel=656000 RB=36@0



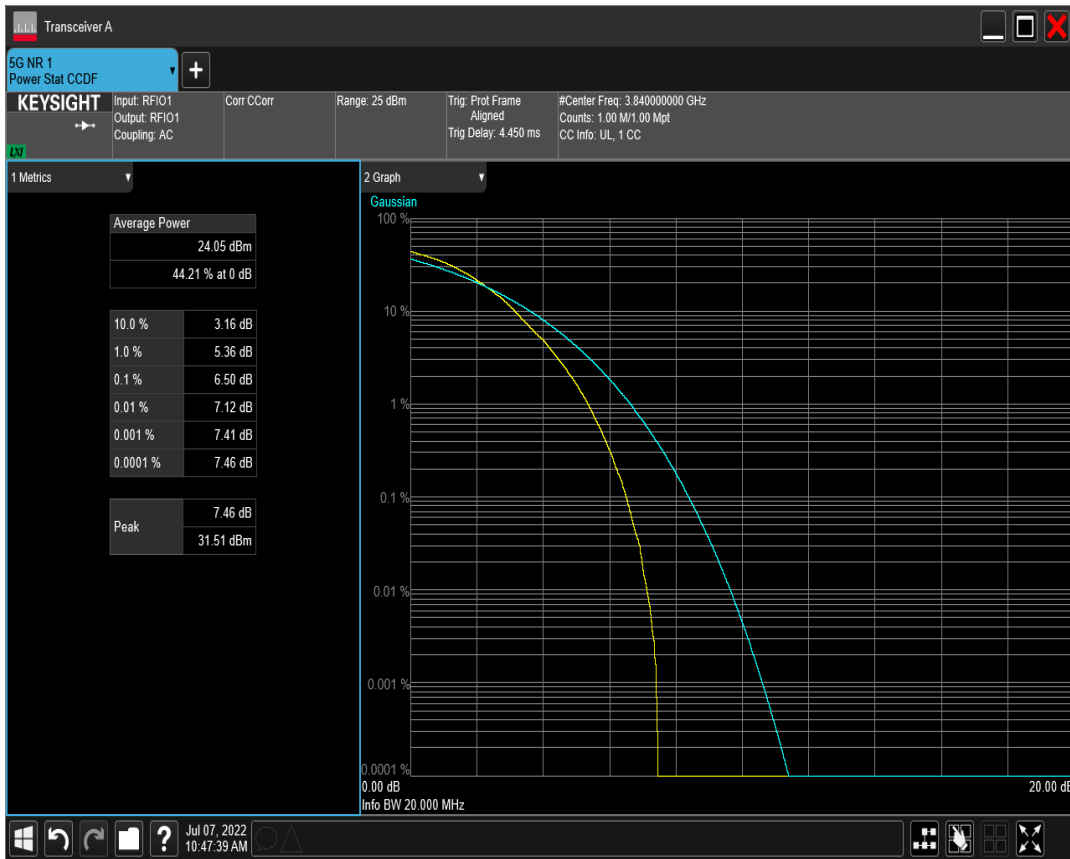
n77(3700-3980) SCS=30kHz DFT_QPSK BW=15MHz Channel=656000 RB=36@0



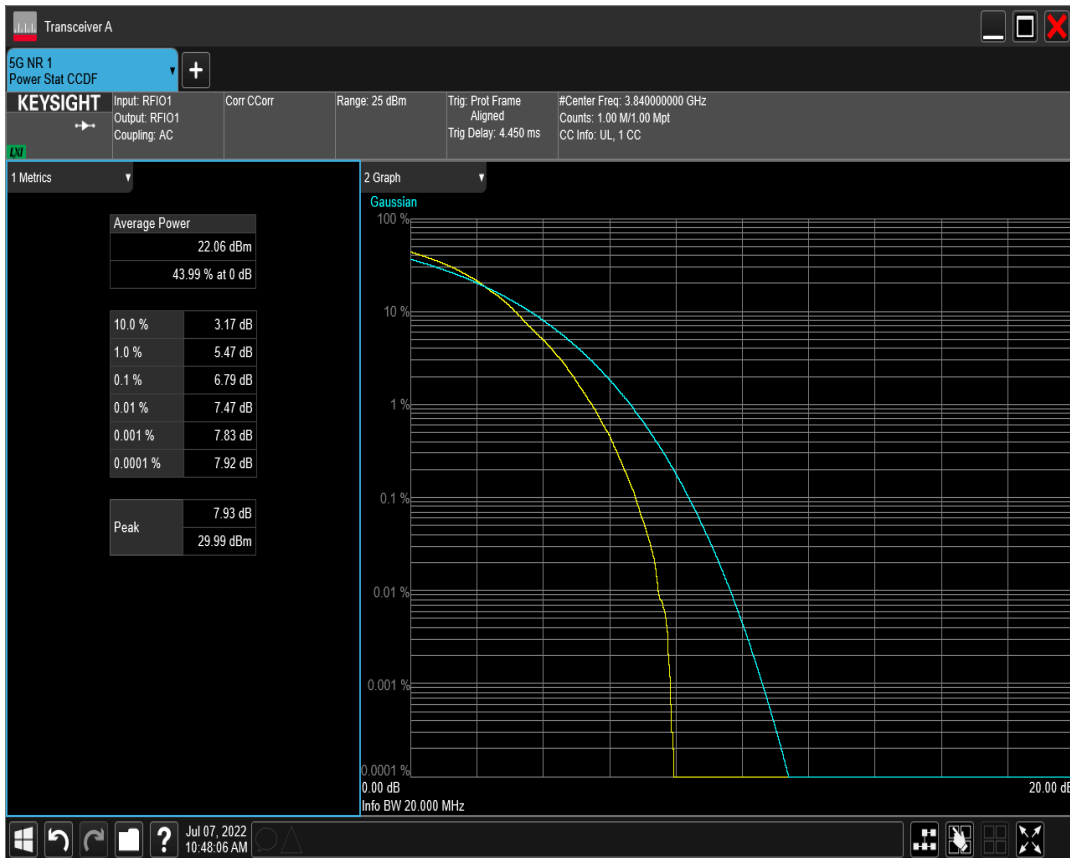
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=15MHz Channel=656000 RB=36@0



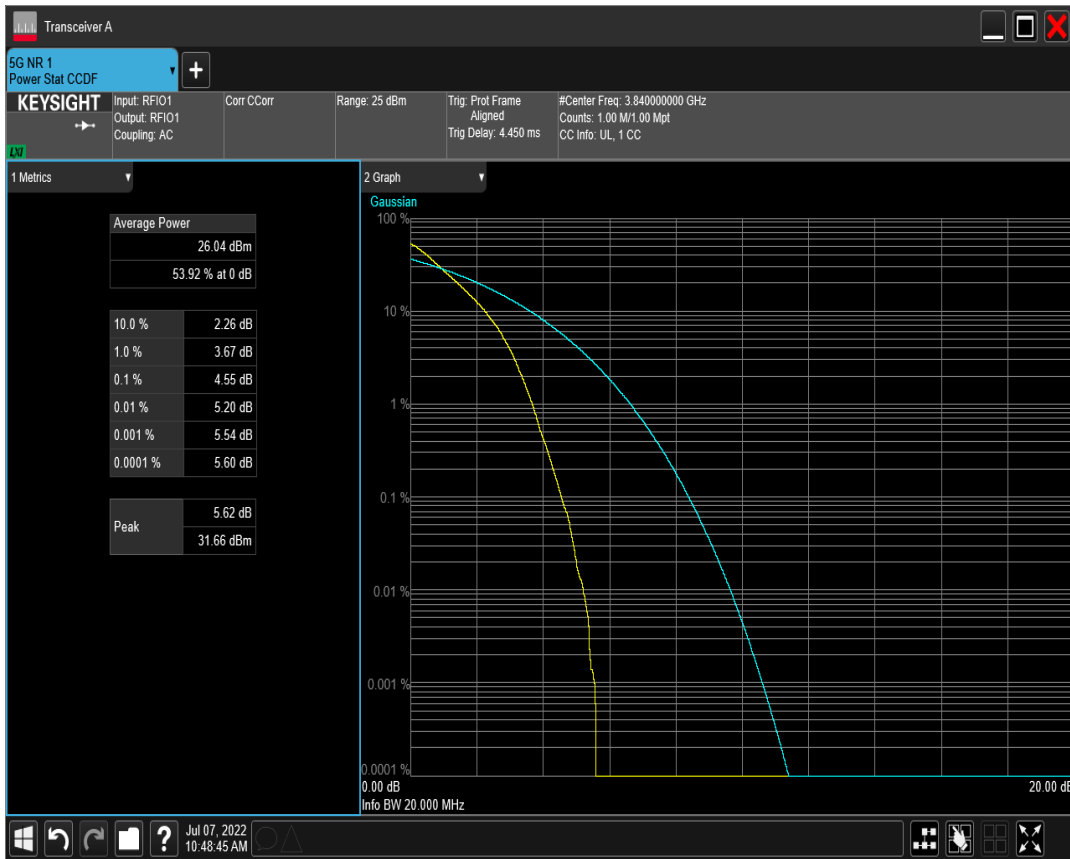
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=15MHz Channel=656000 RB=36@0



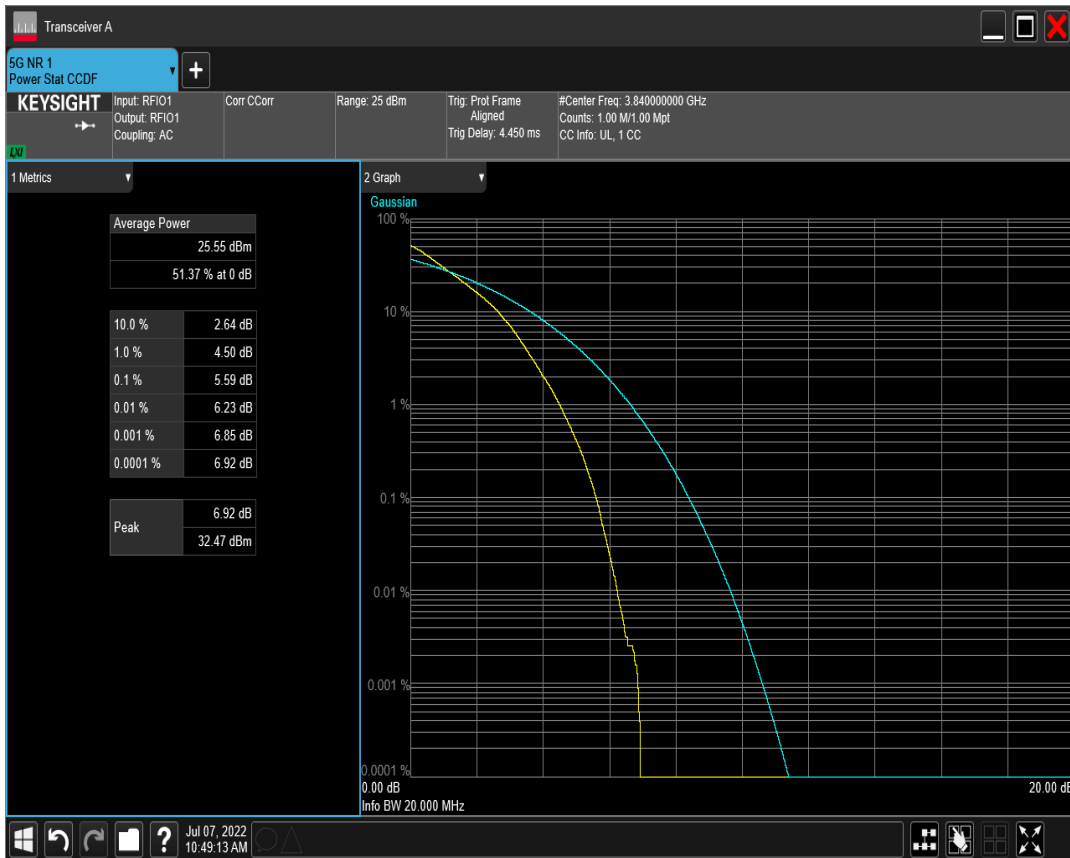
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=15MHz Channel=656000 RB=36@0



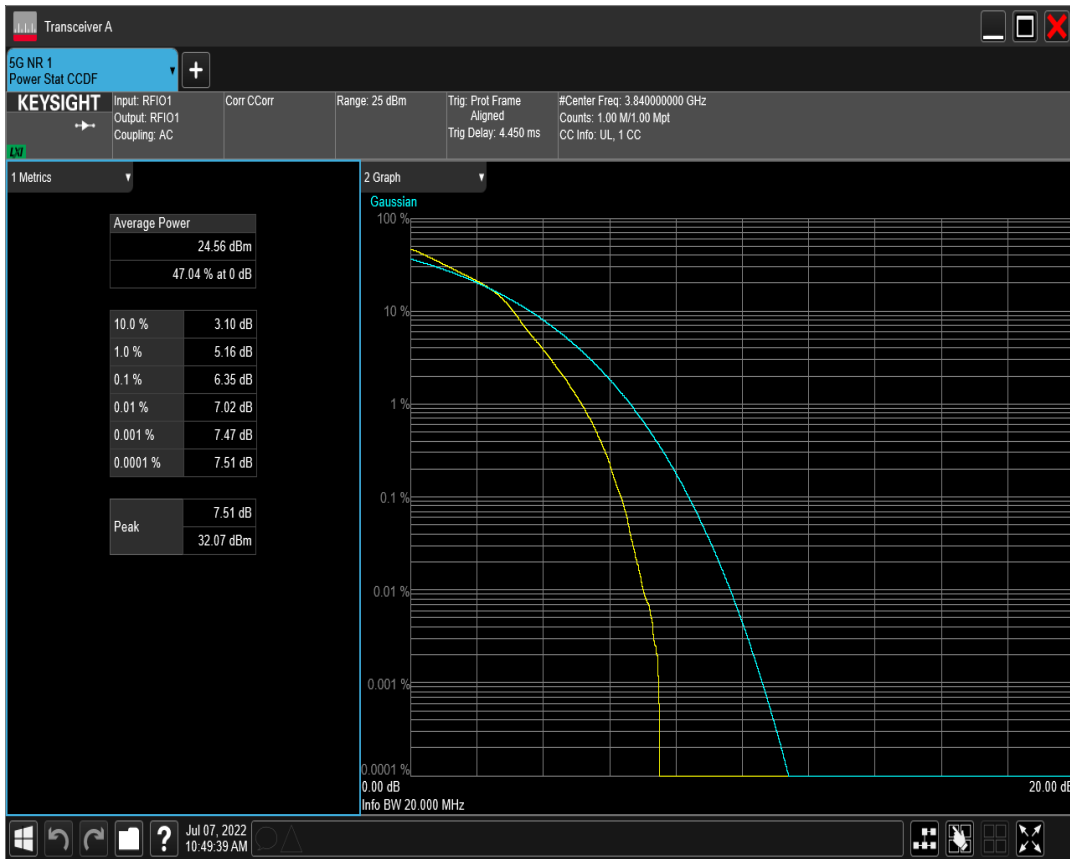
n77(3700-3980) SCS=30kHz DFT_BPSK BW=20MHz Channel=656000 RB=50@0



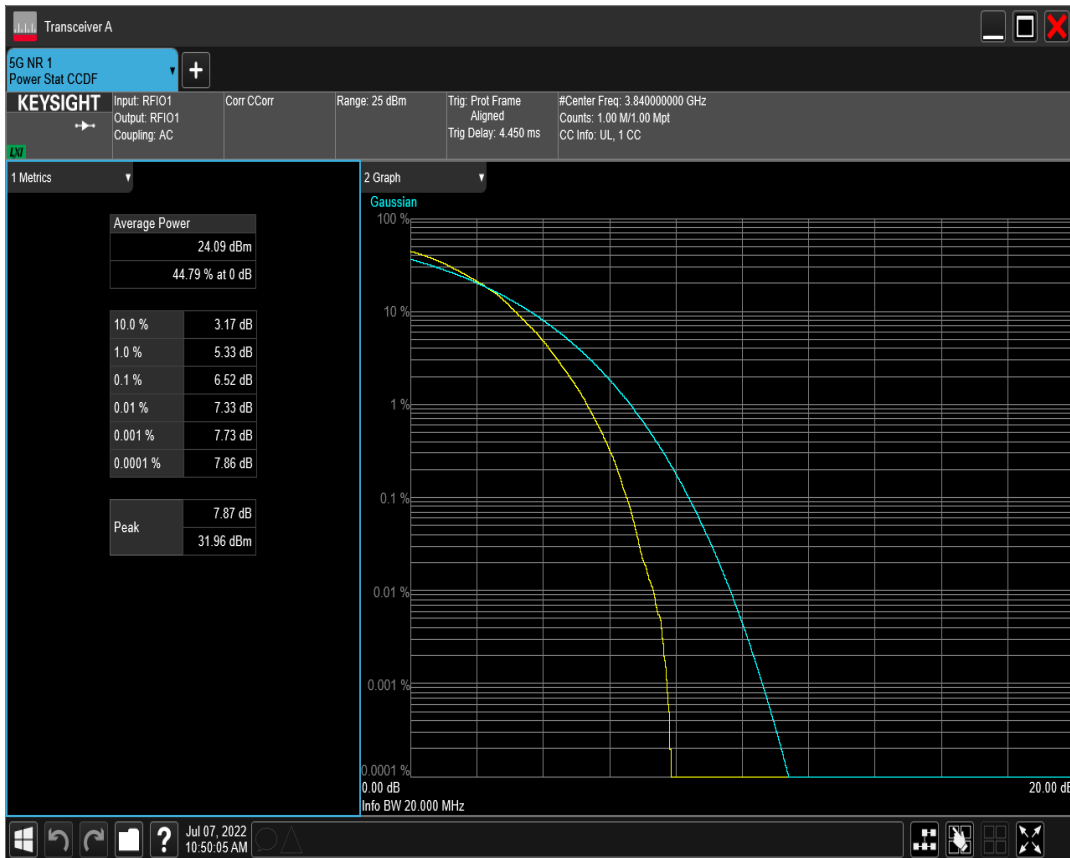
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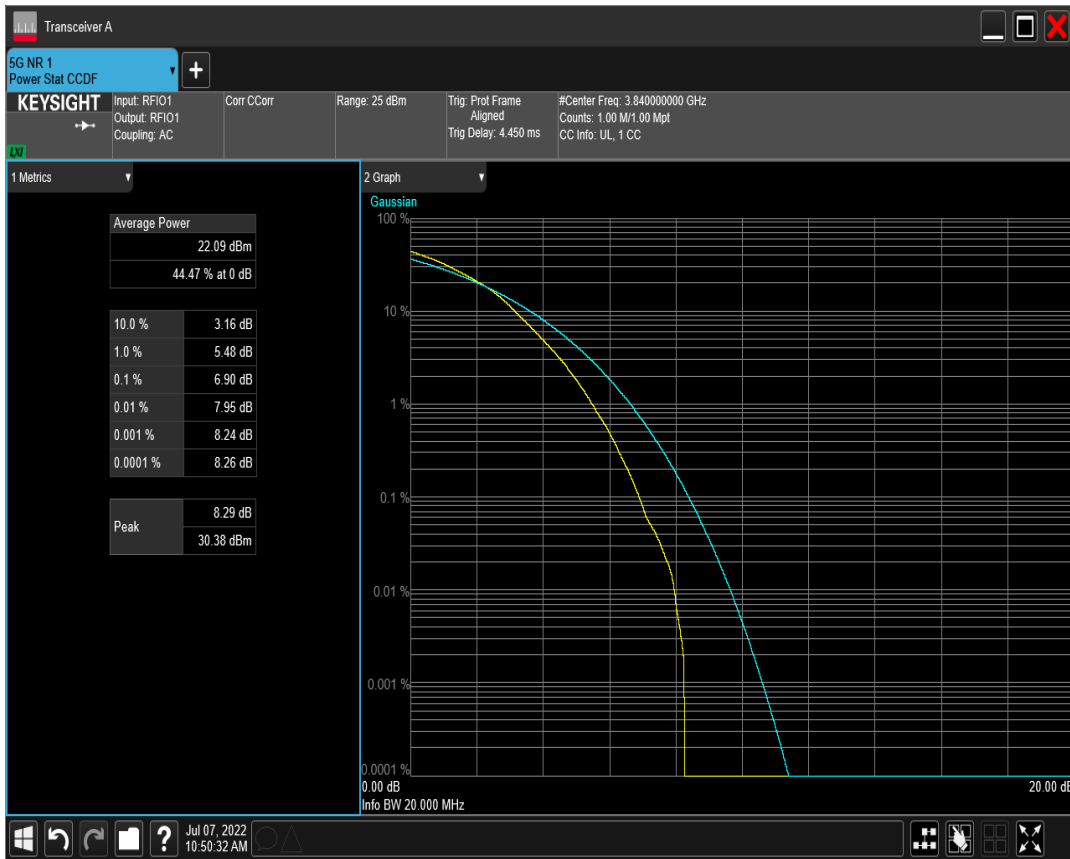
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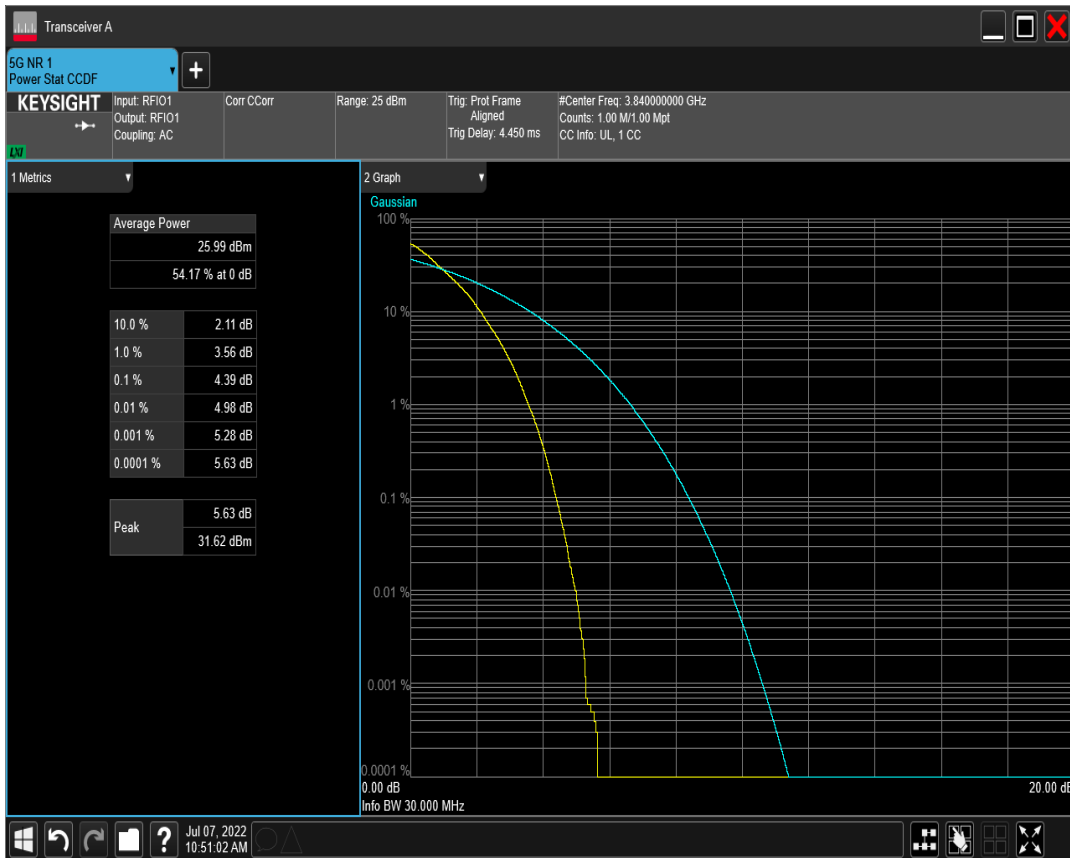
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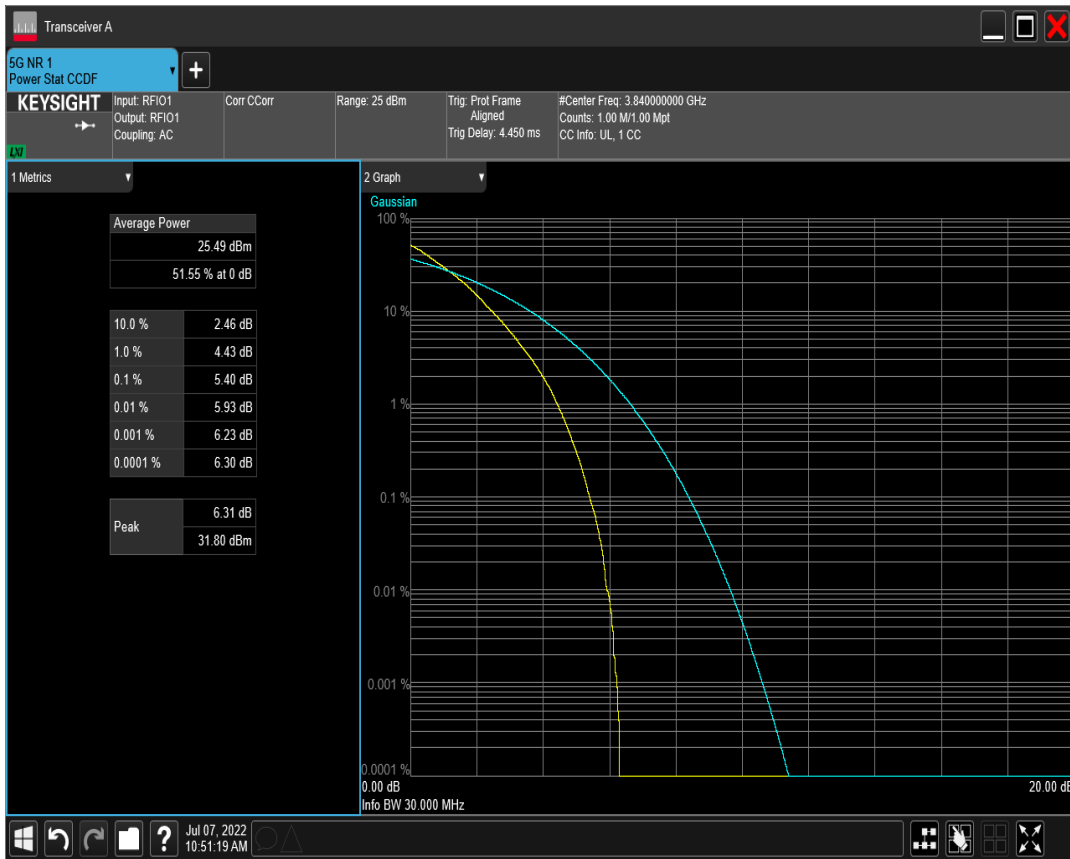
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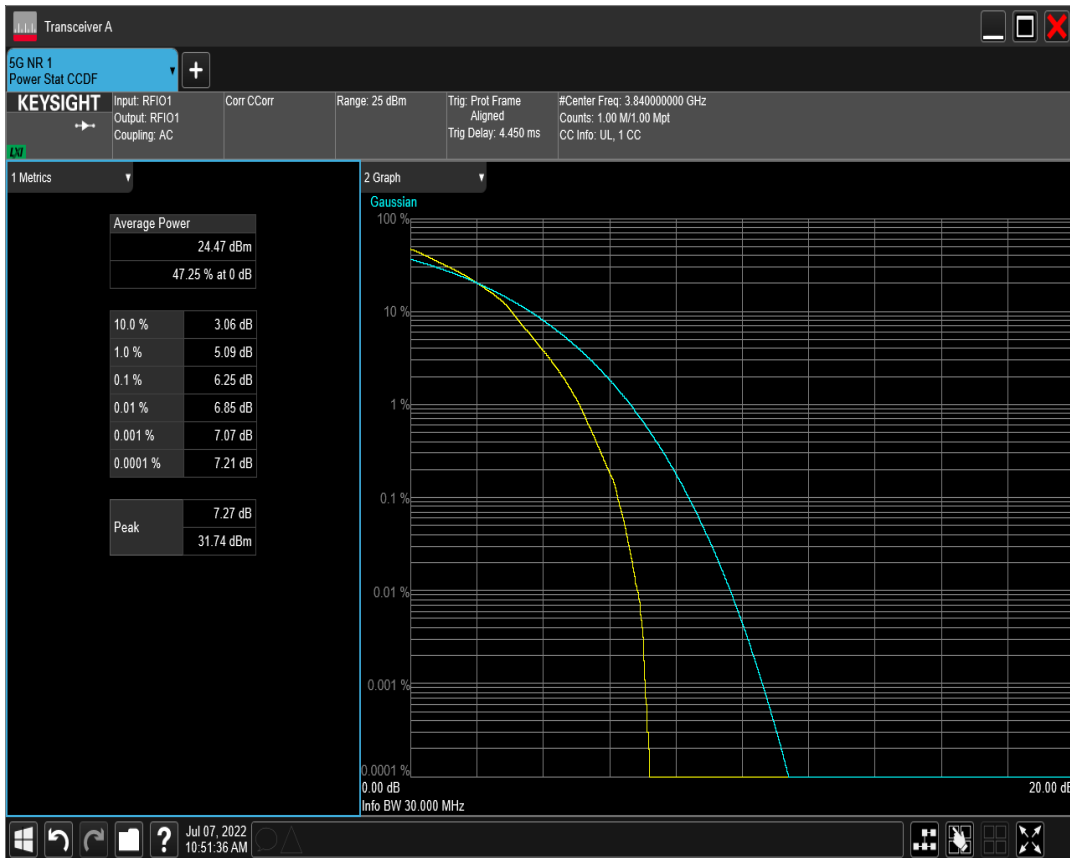
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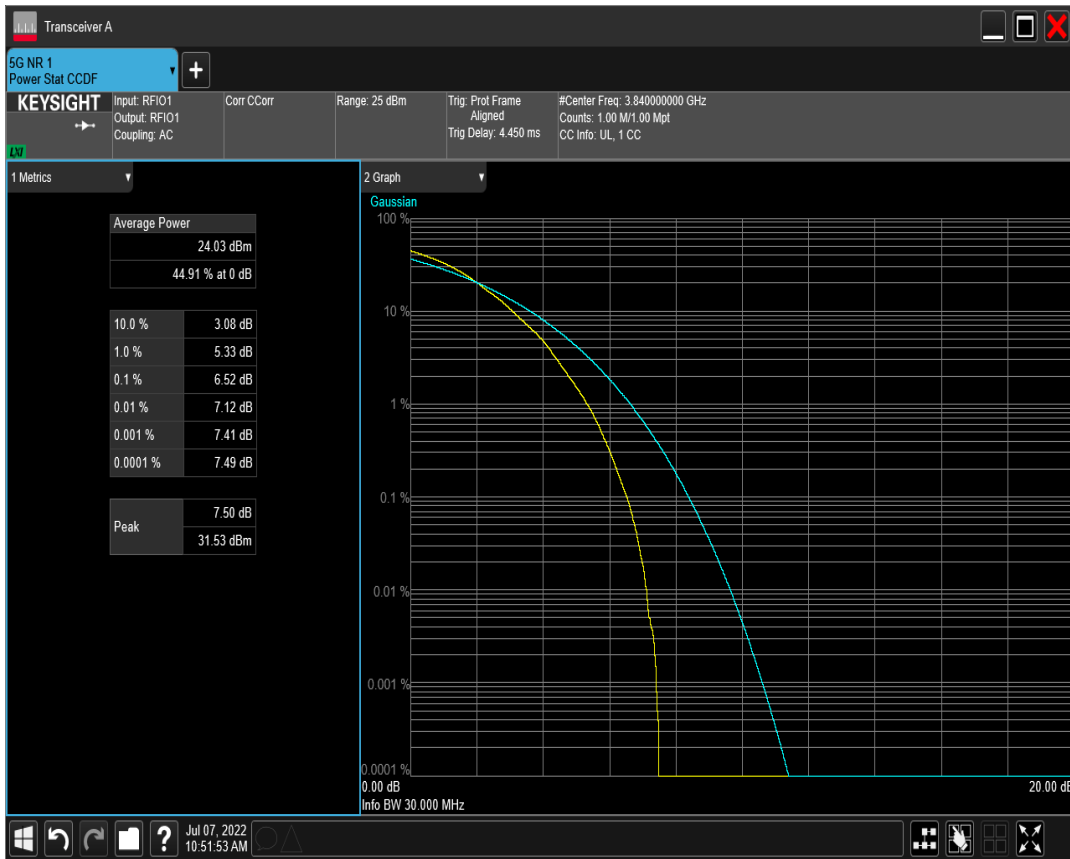
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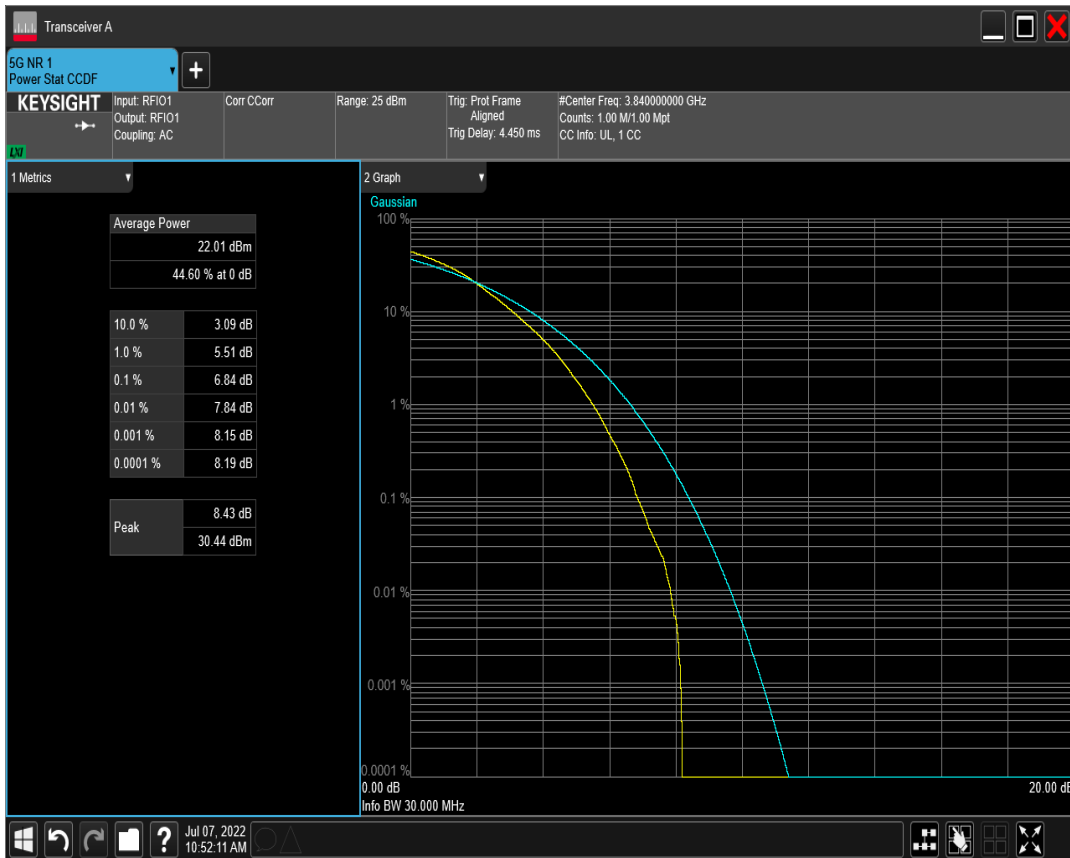
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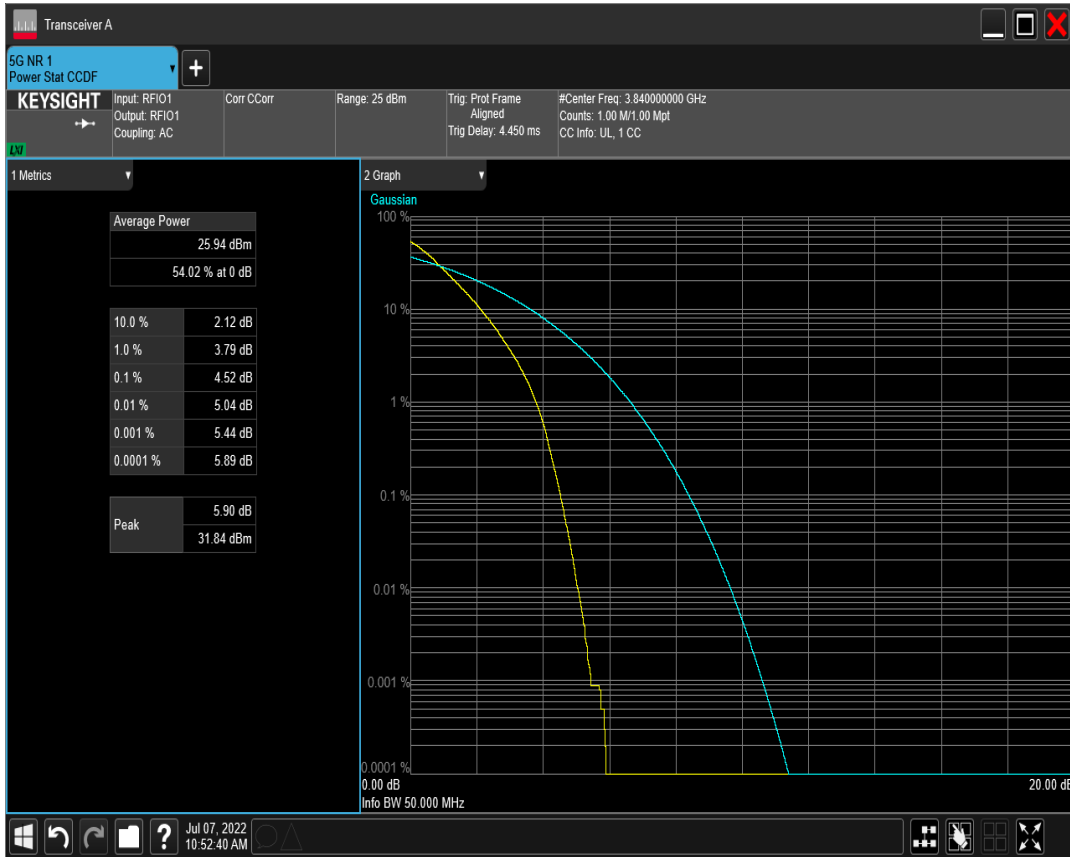
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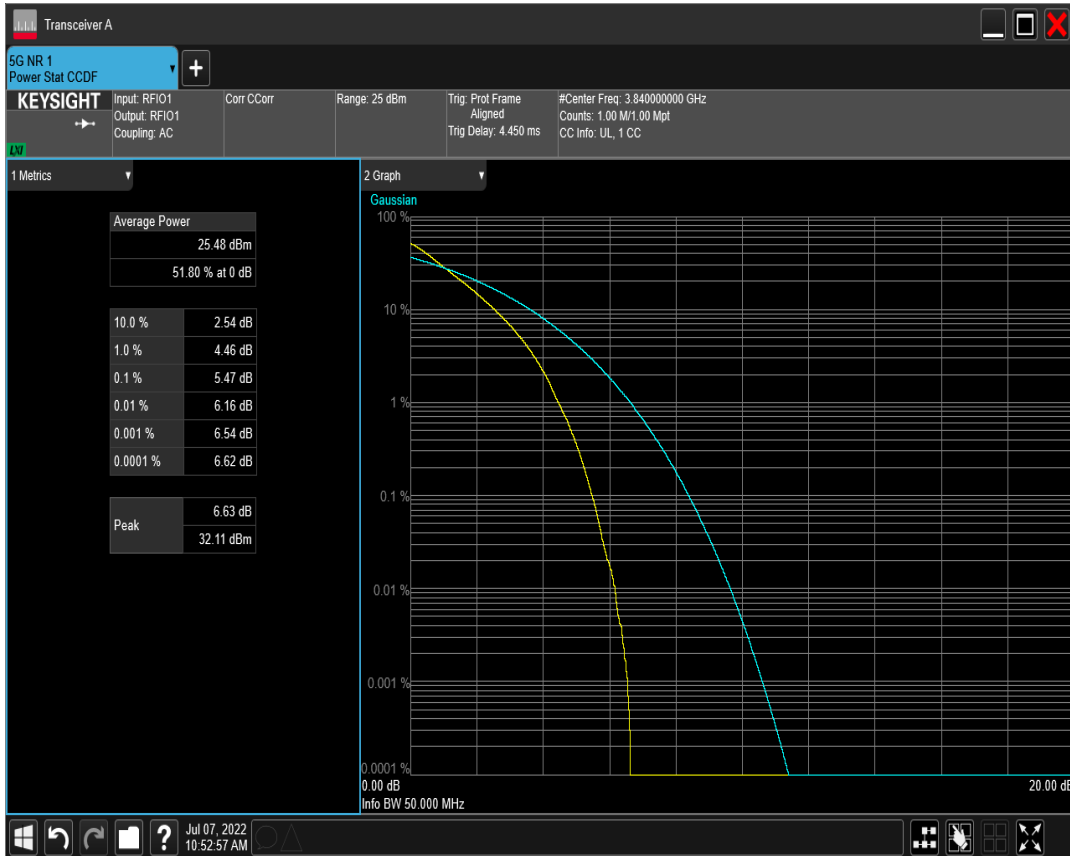
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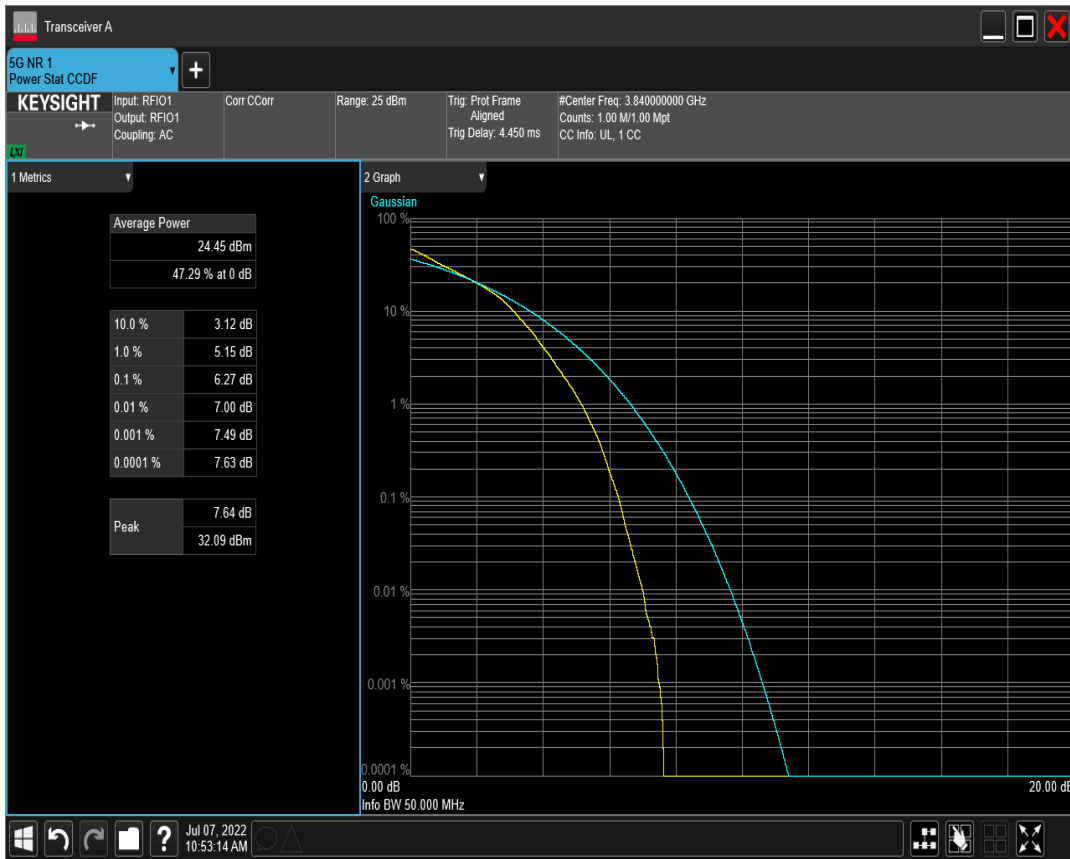
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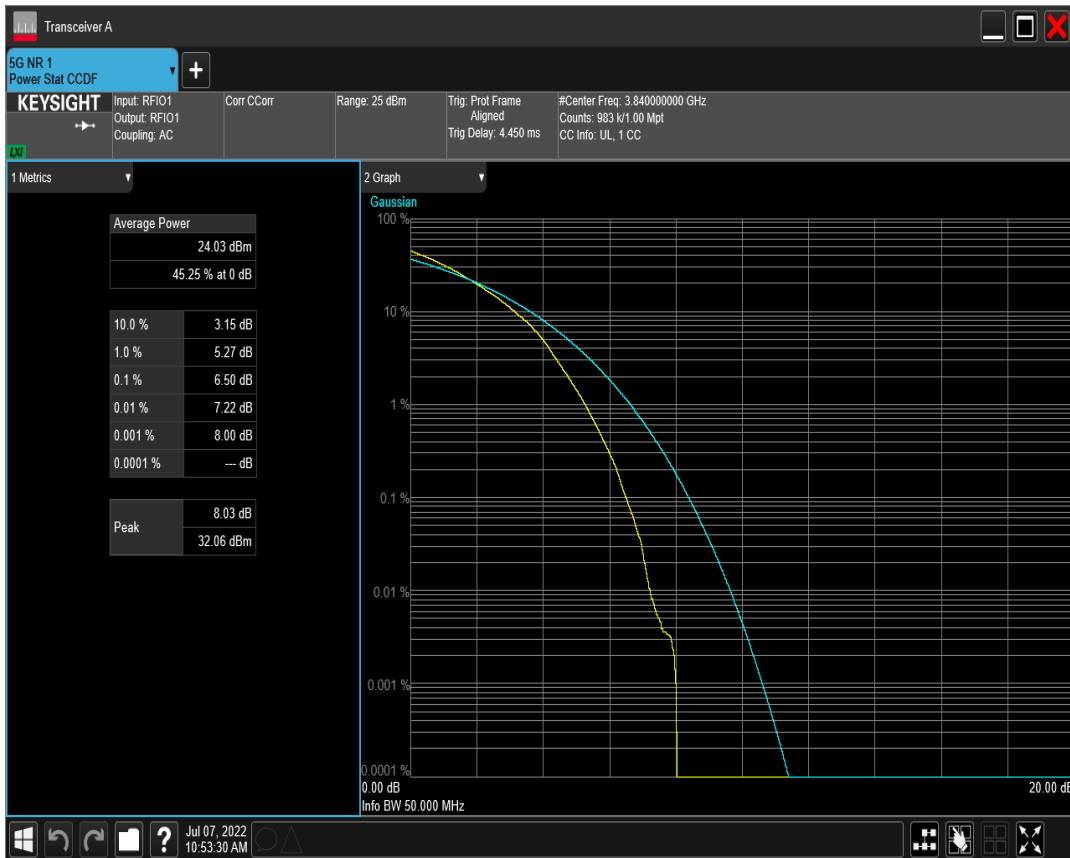
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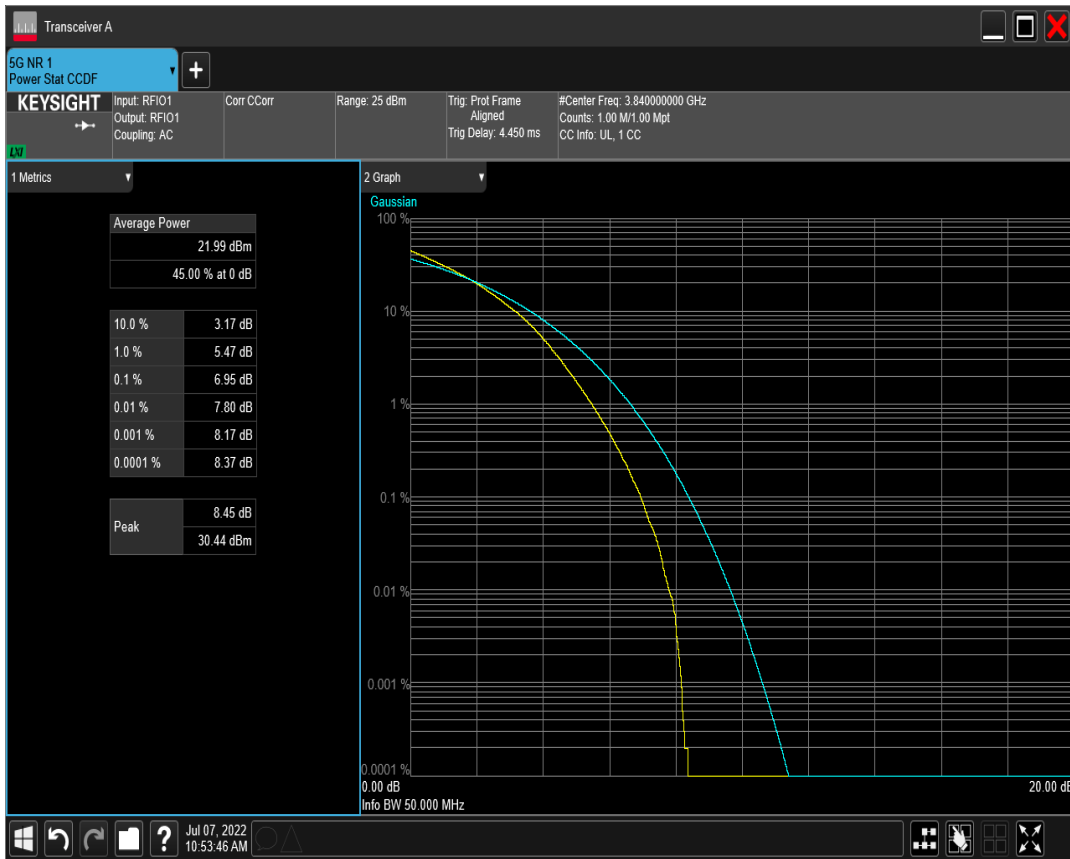
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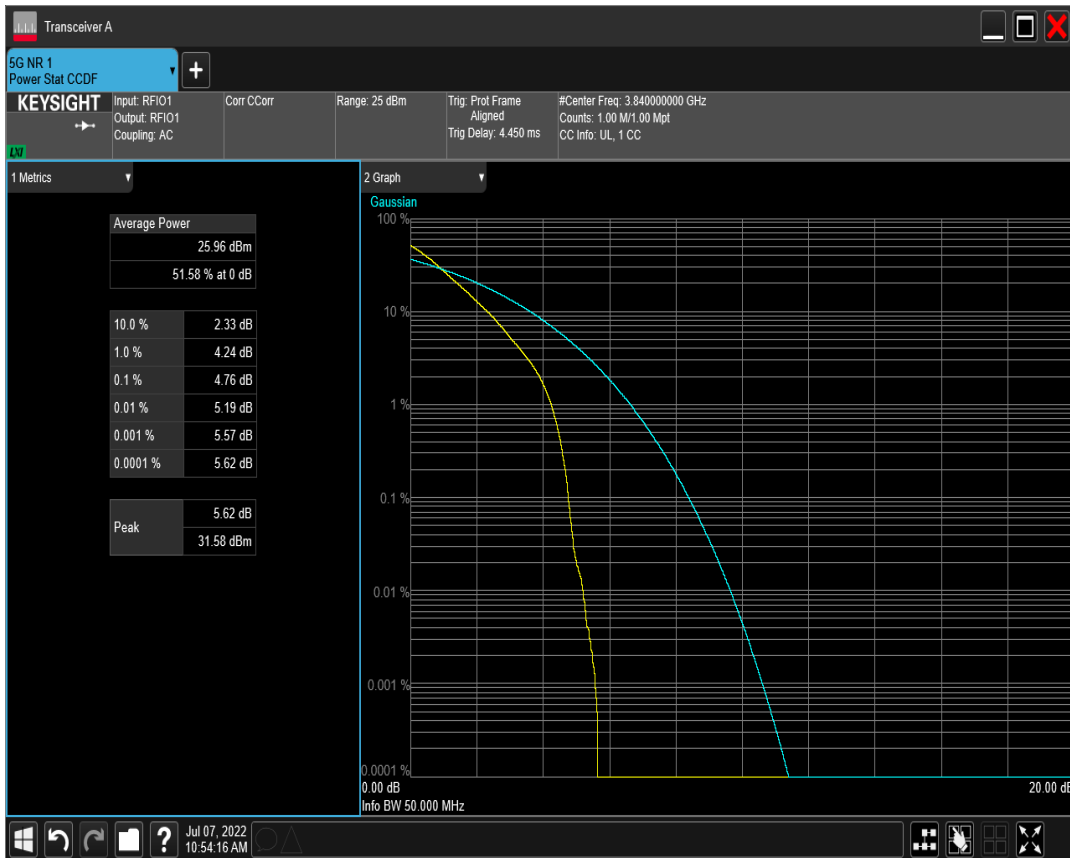
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=40MHz Channel=656000 RB=100@0



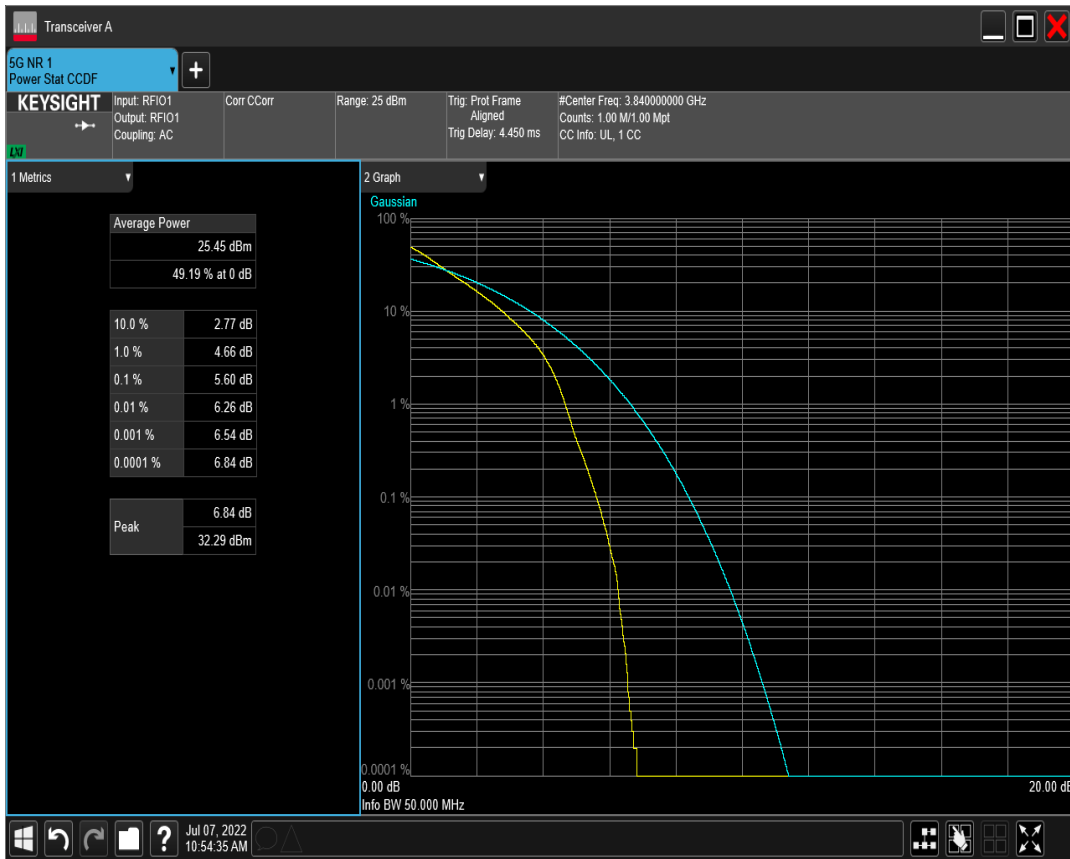
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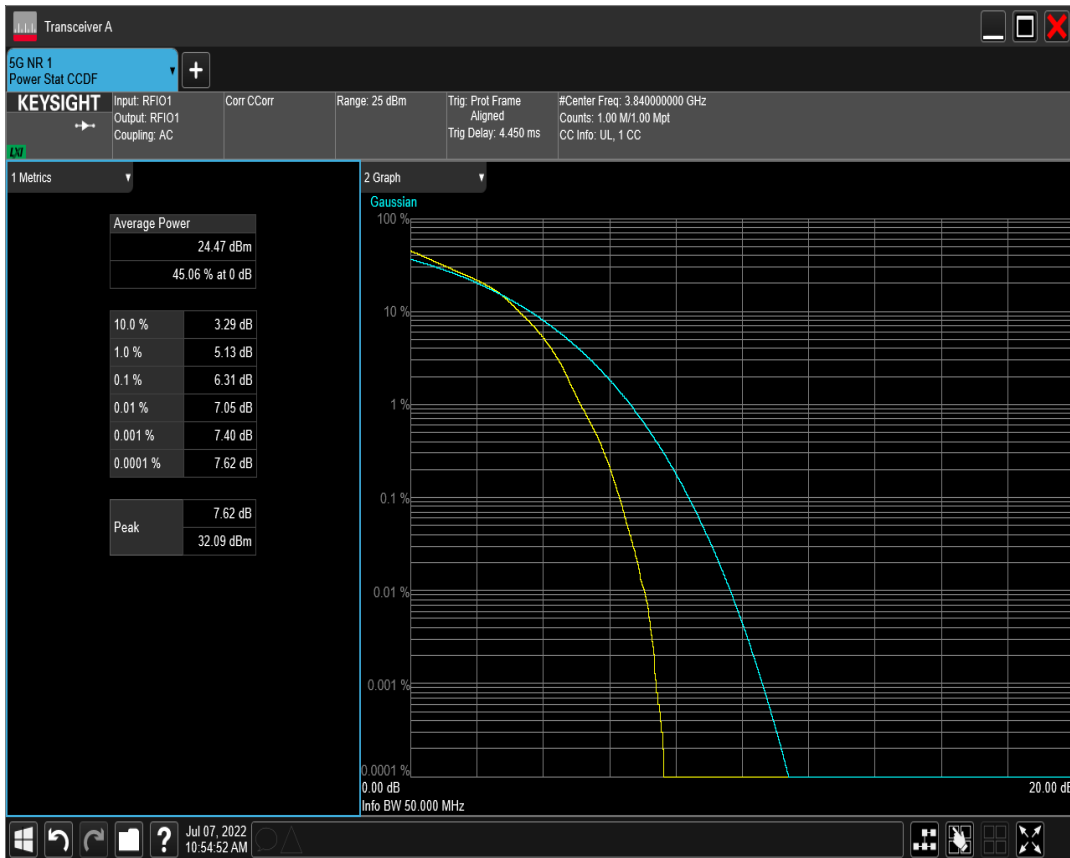
n77(3700-3980) SCS=30kHz DFT_BPSK BW=50MHz Channel=656000 RB=128@0



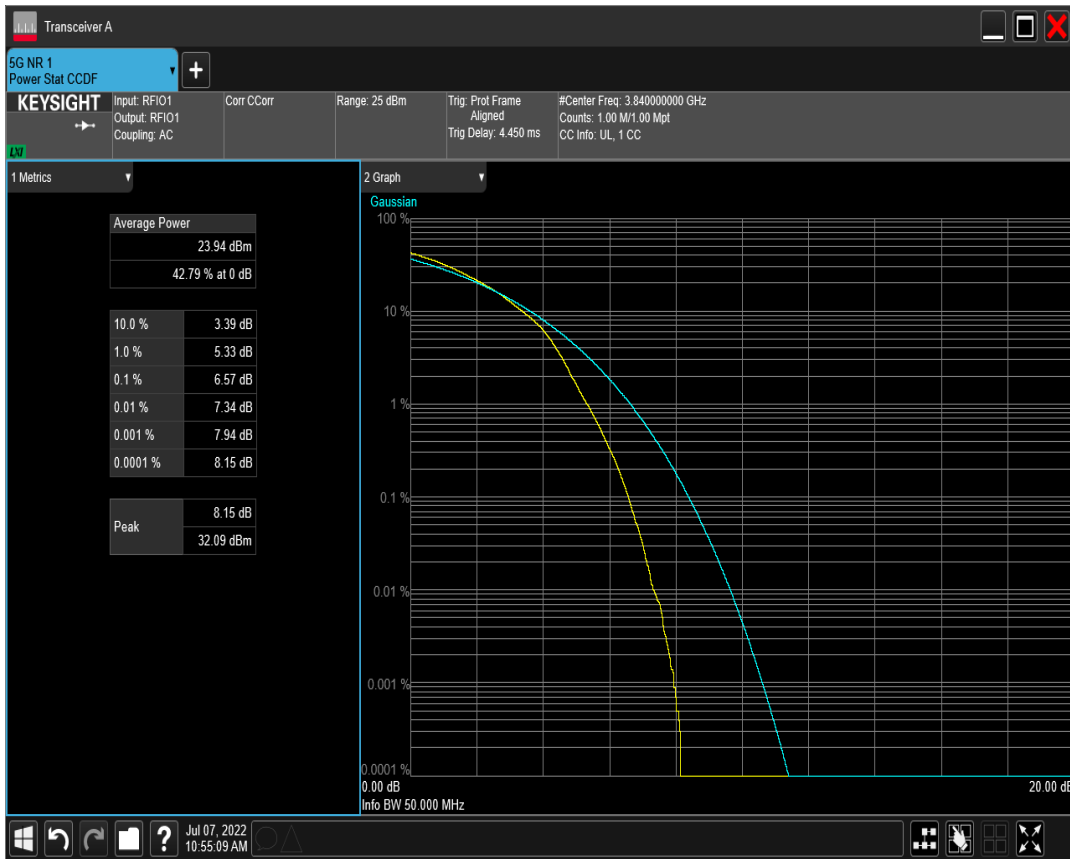
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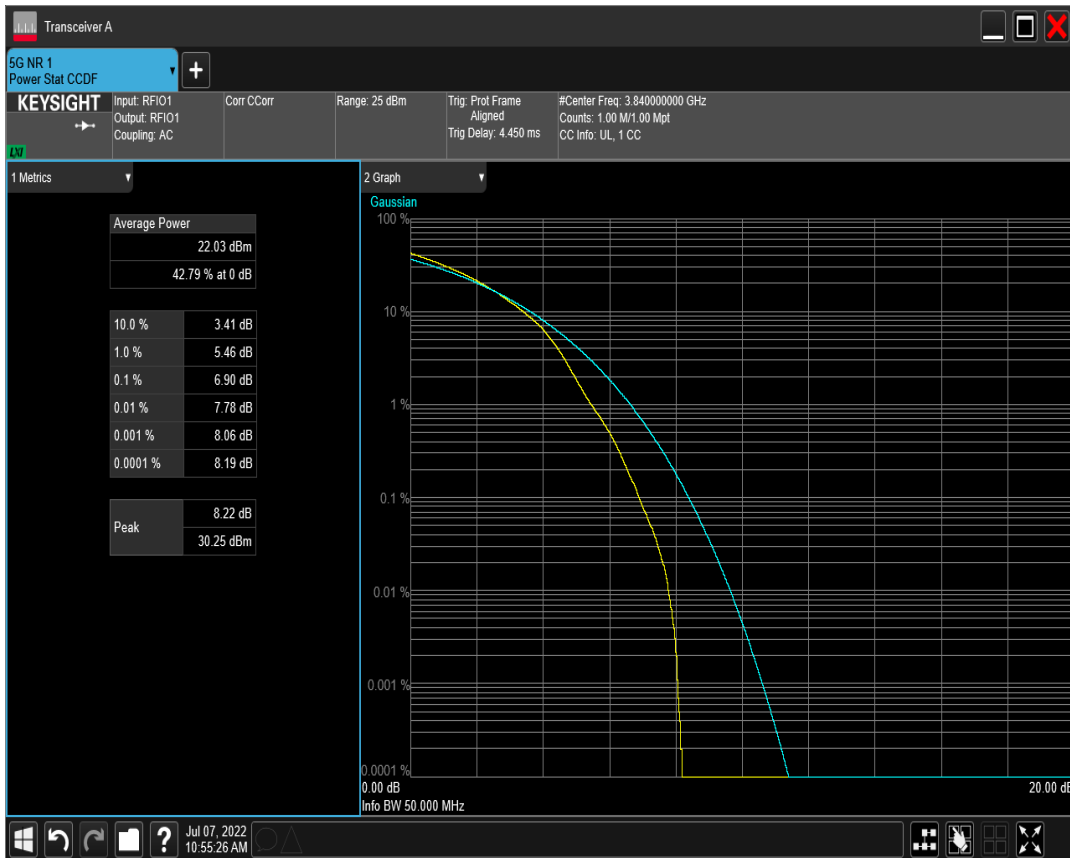
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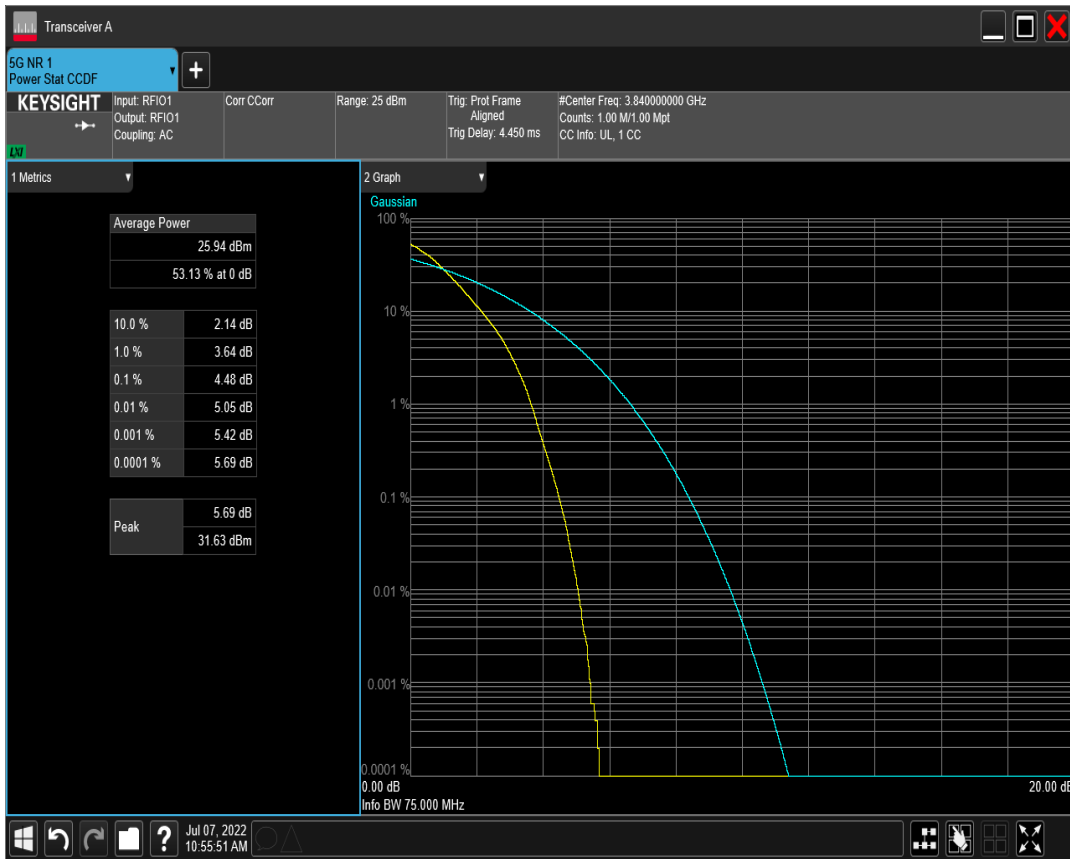
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=50MHz Channel=656000 RB=128@0



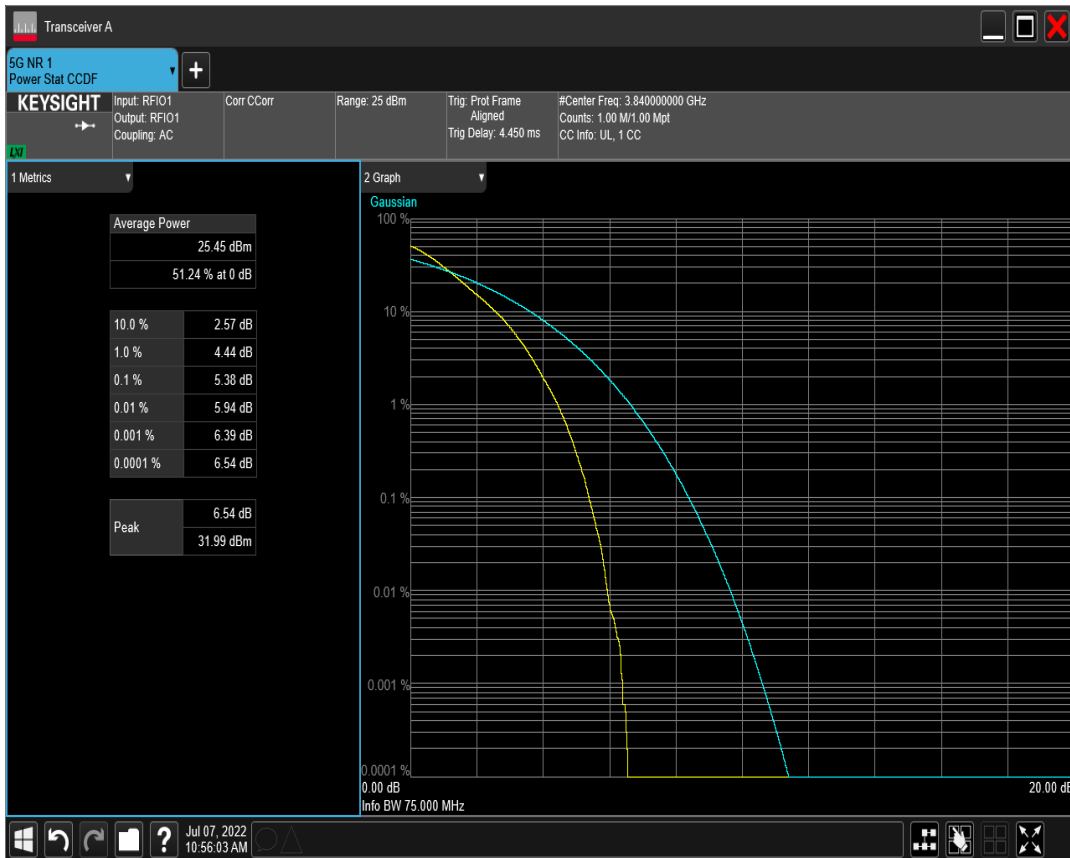
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=50MHz Channel=656000 RB=128@0



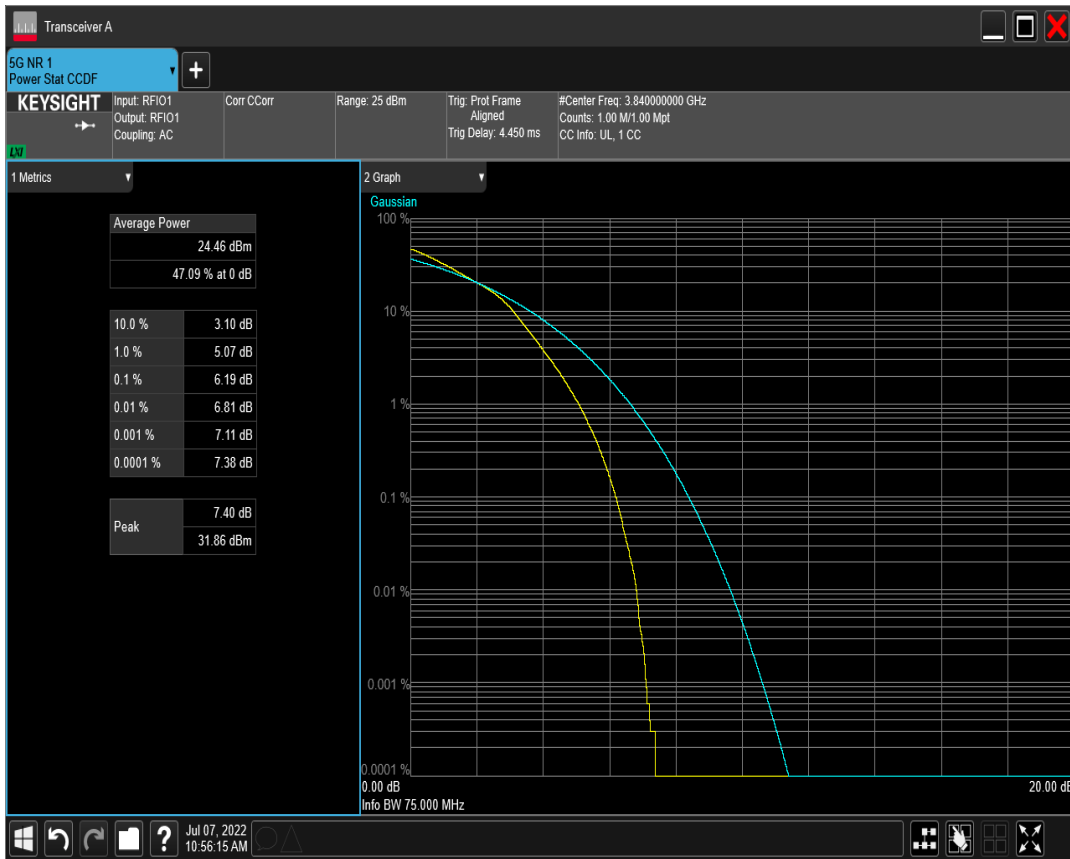
n77(3700-3980) SCS=30kHz DFT_BPSK BW=60MHz Channel=656000 RB=162@0



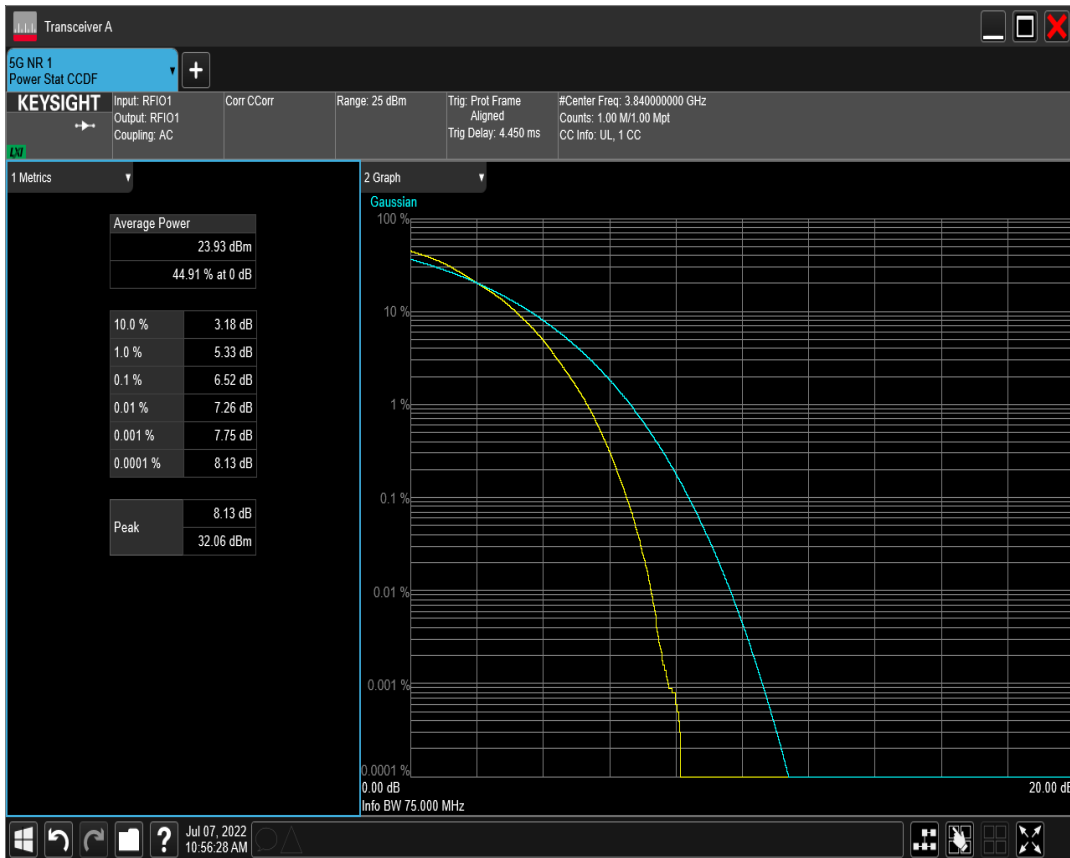
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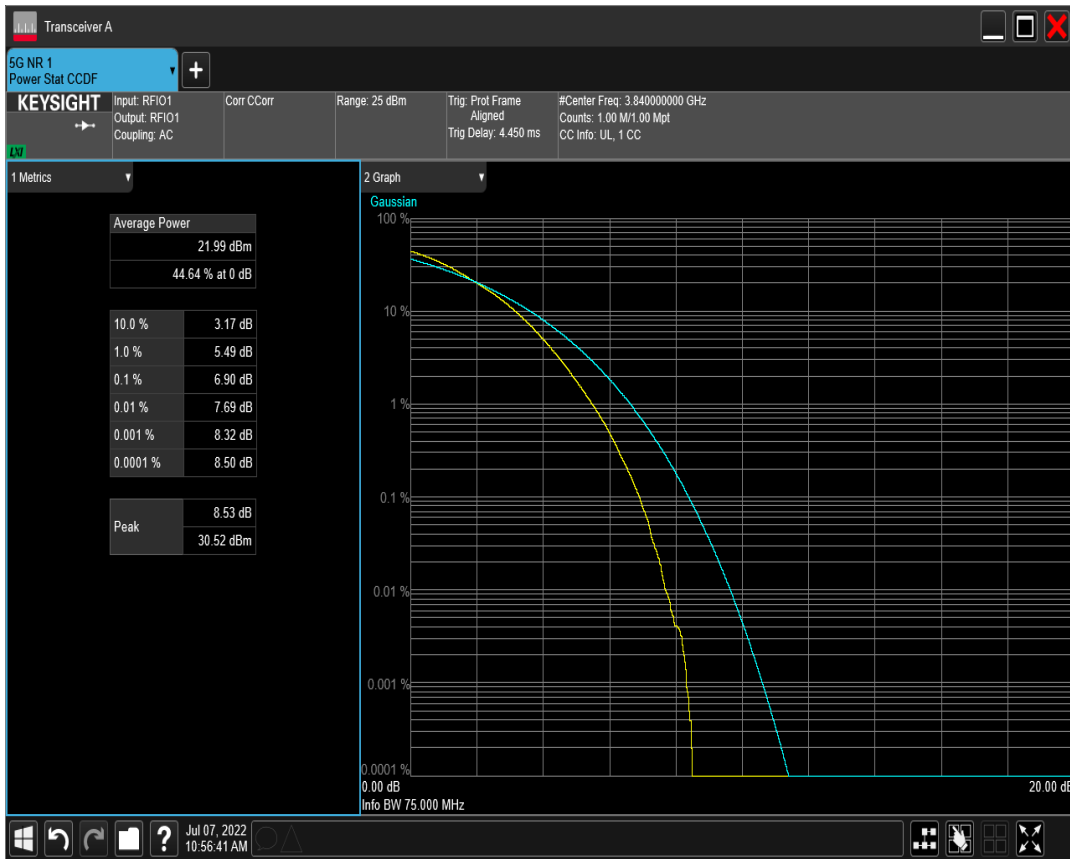
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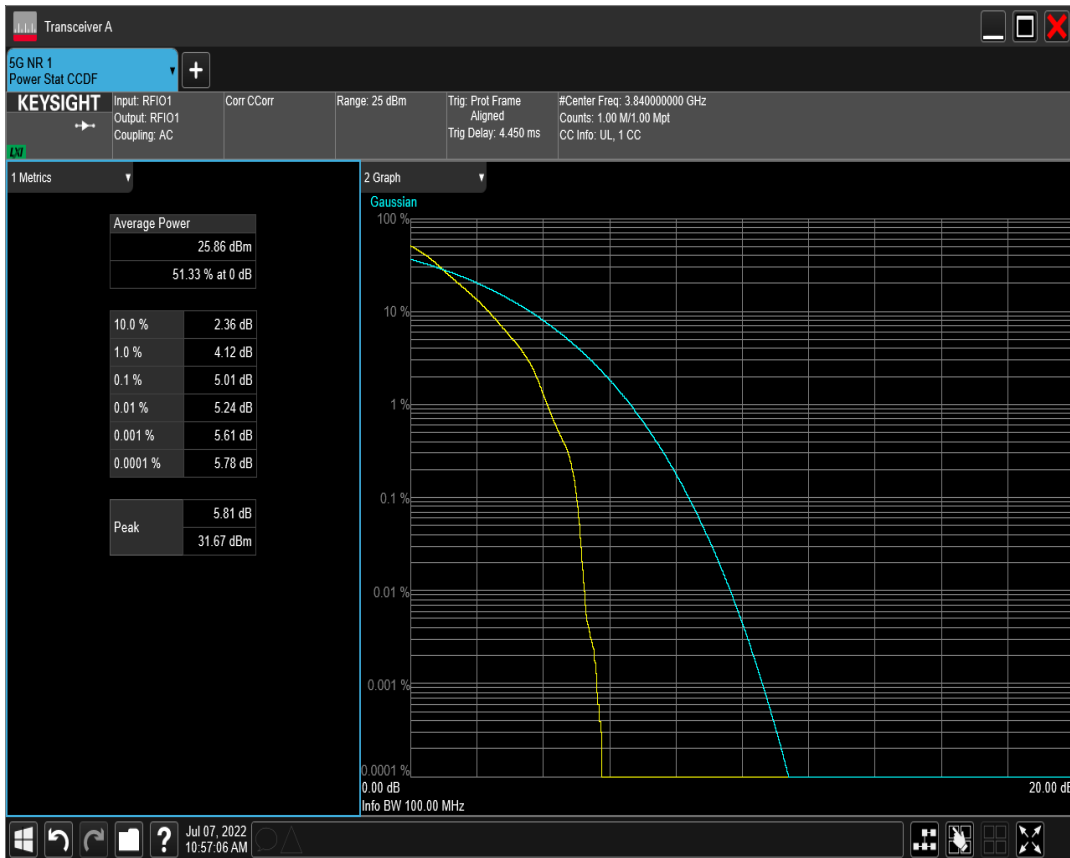
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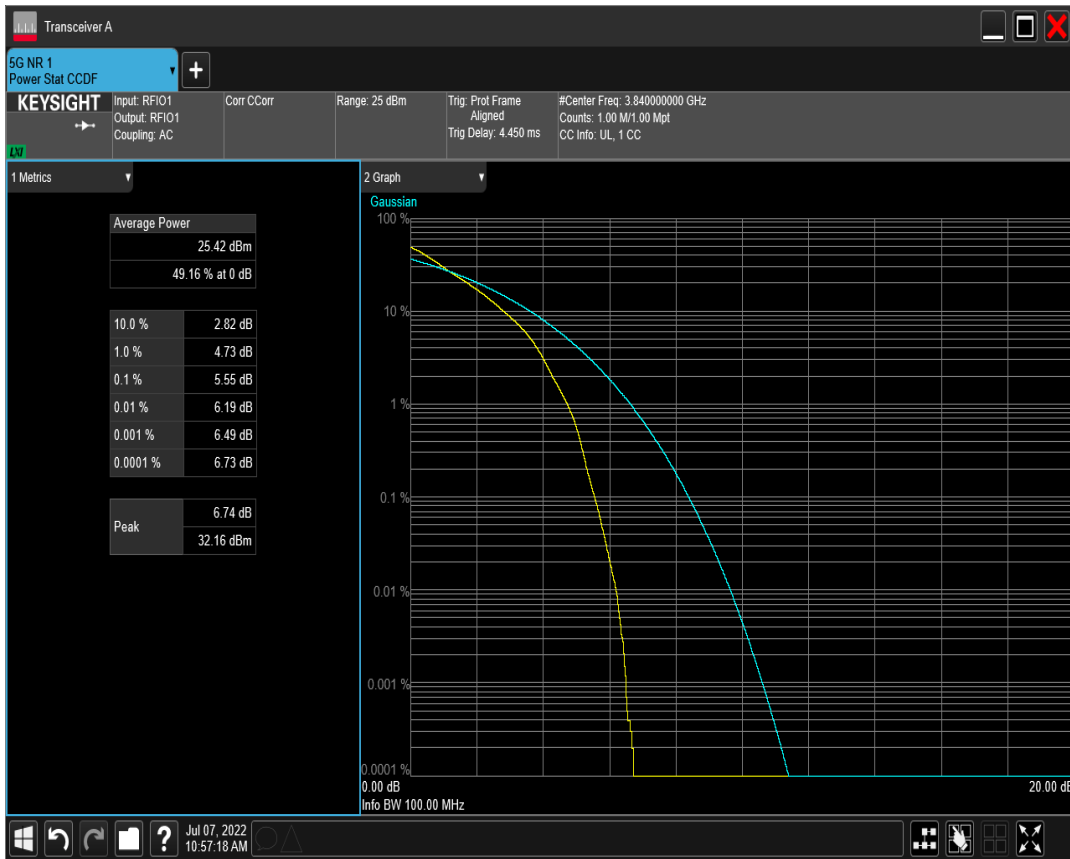
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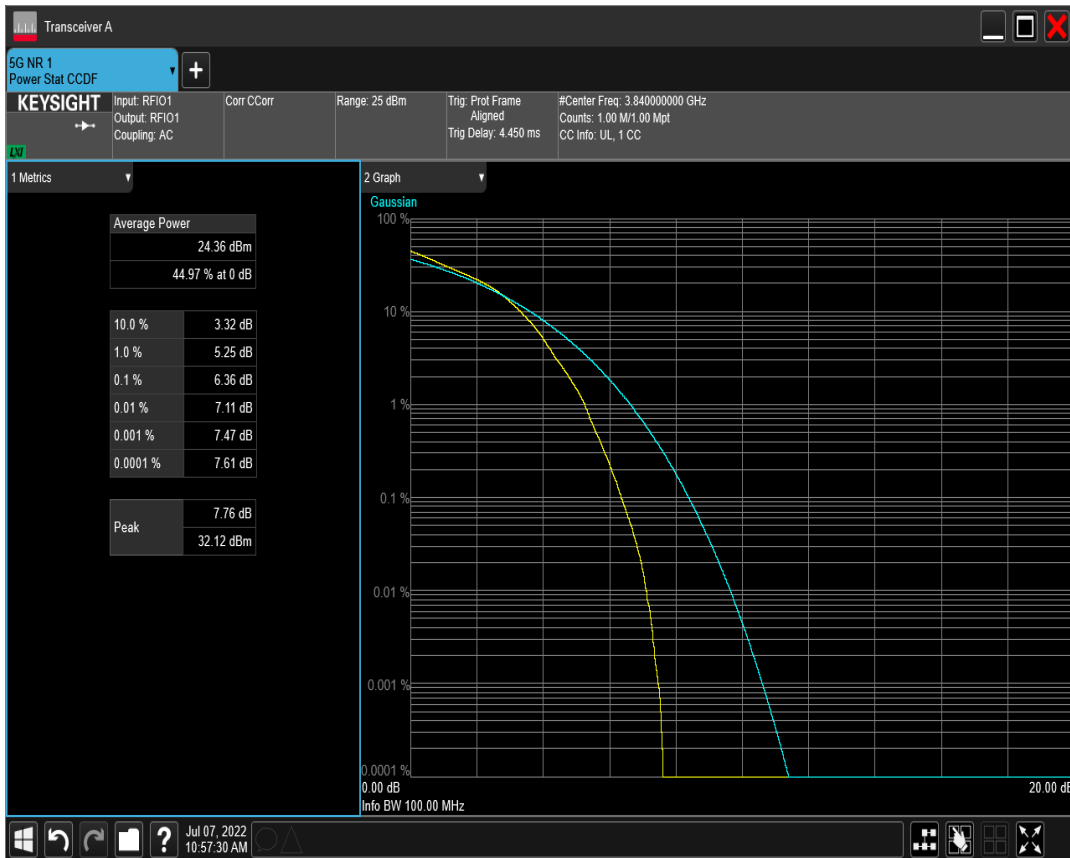
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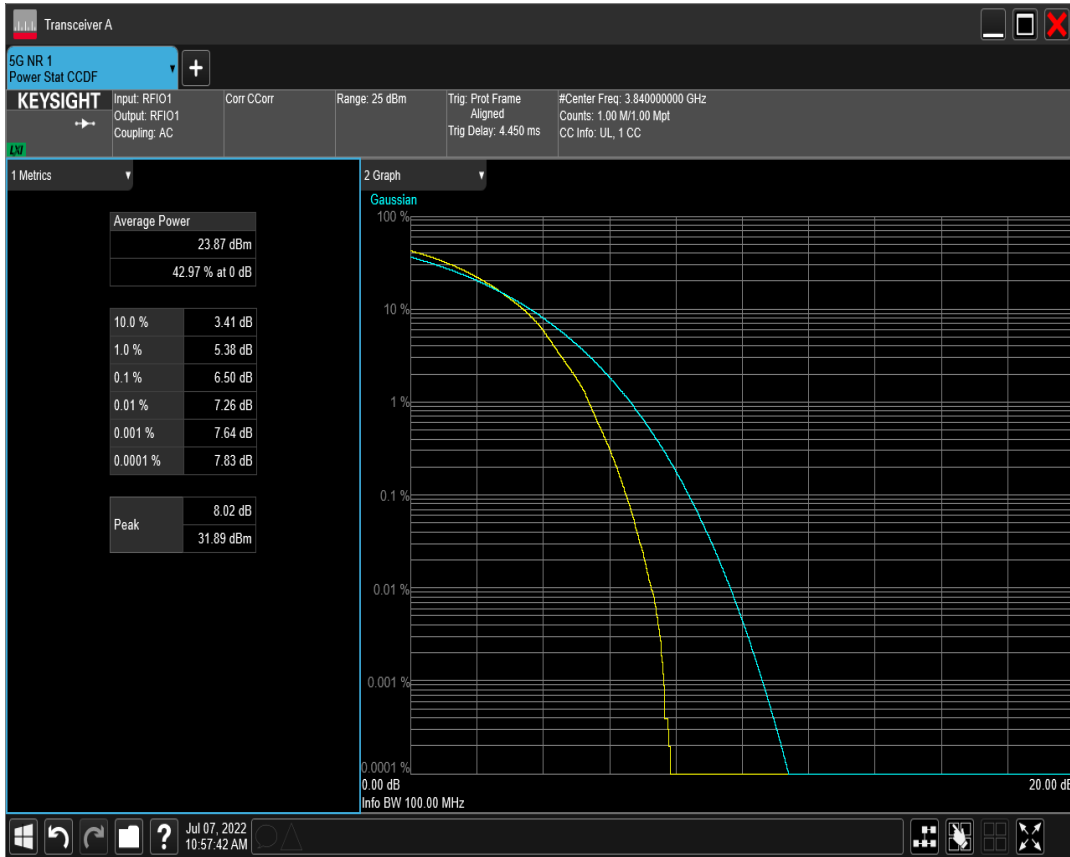
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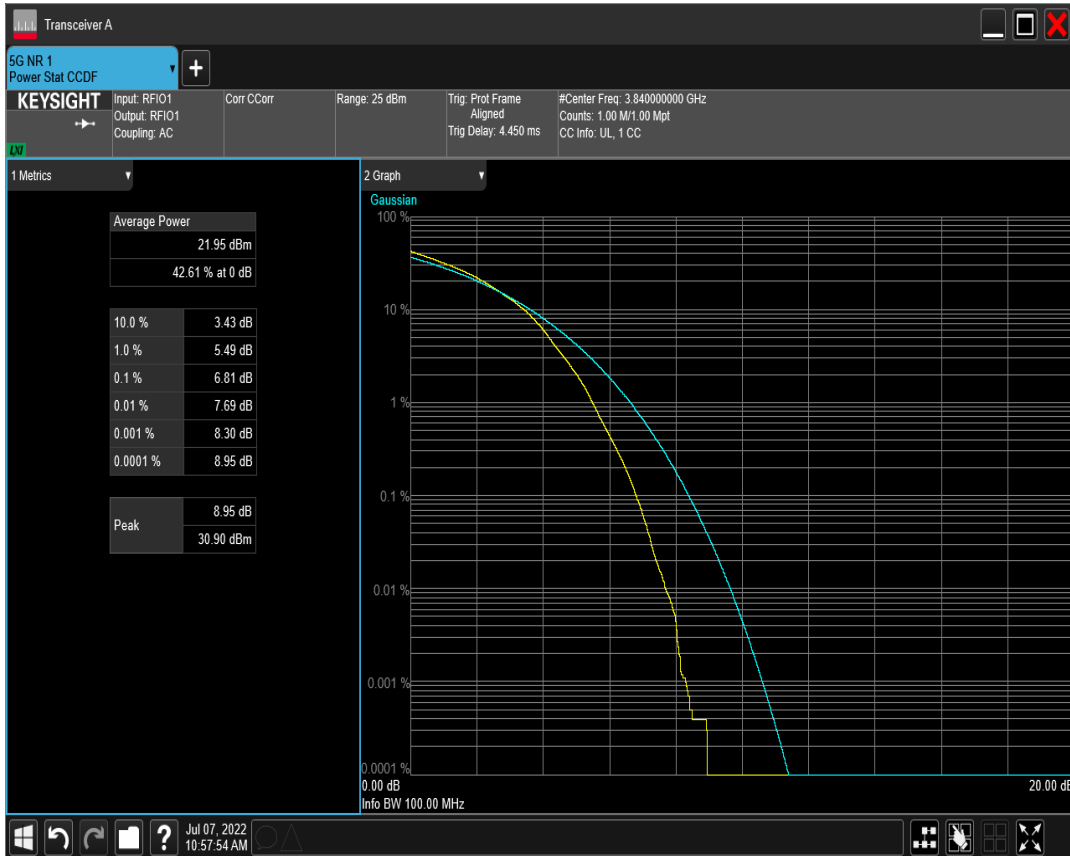
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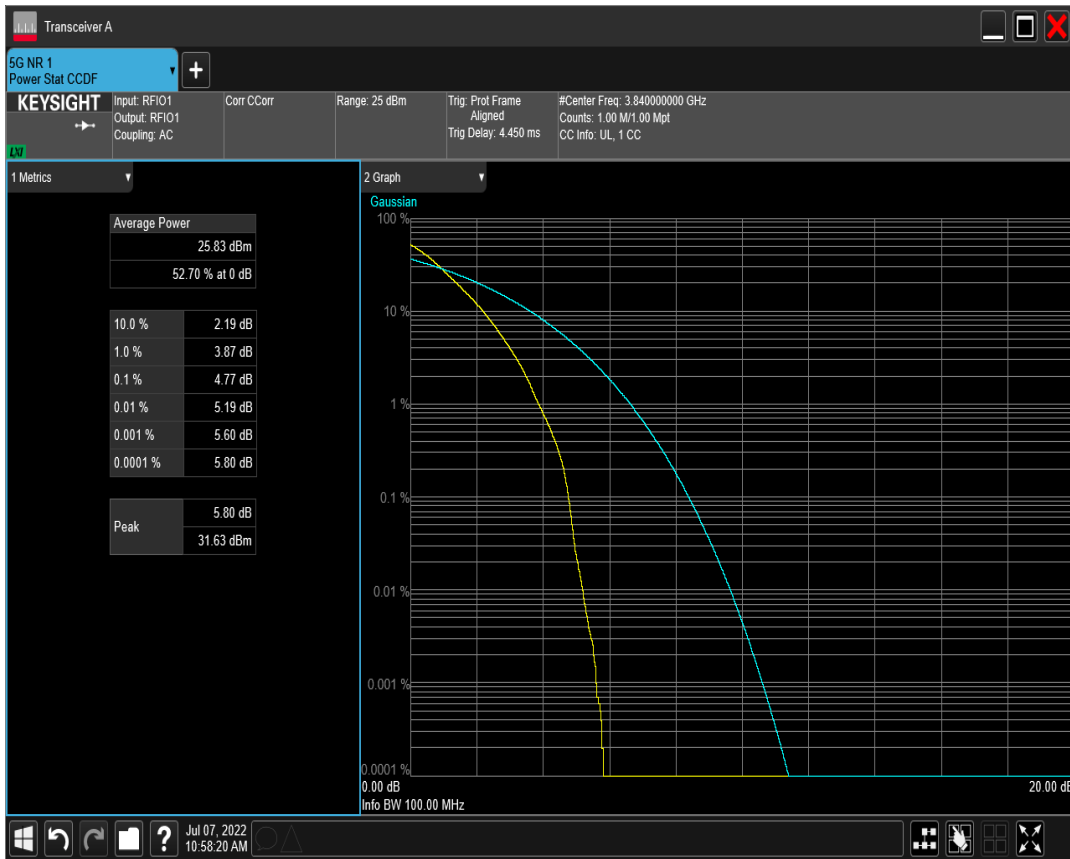
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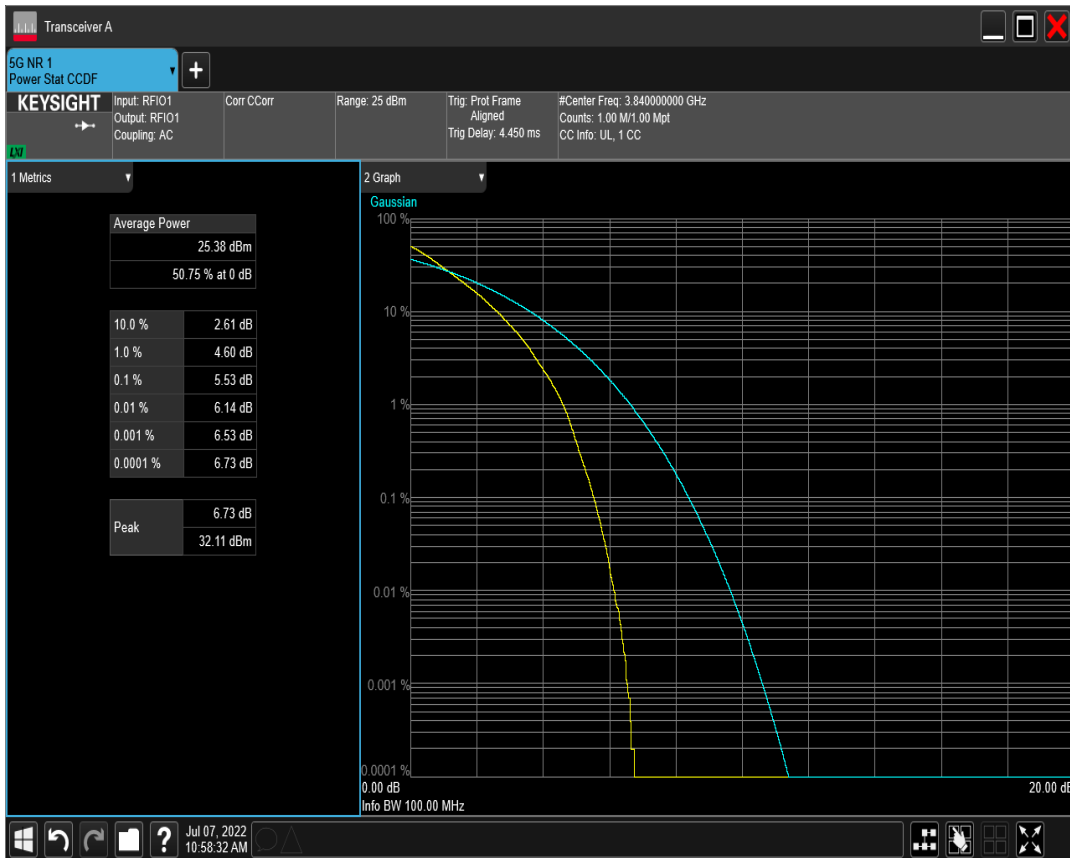
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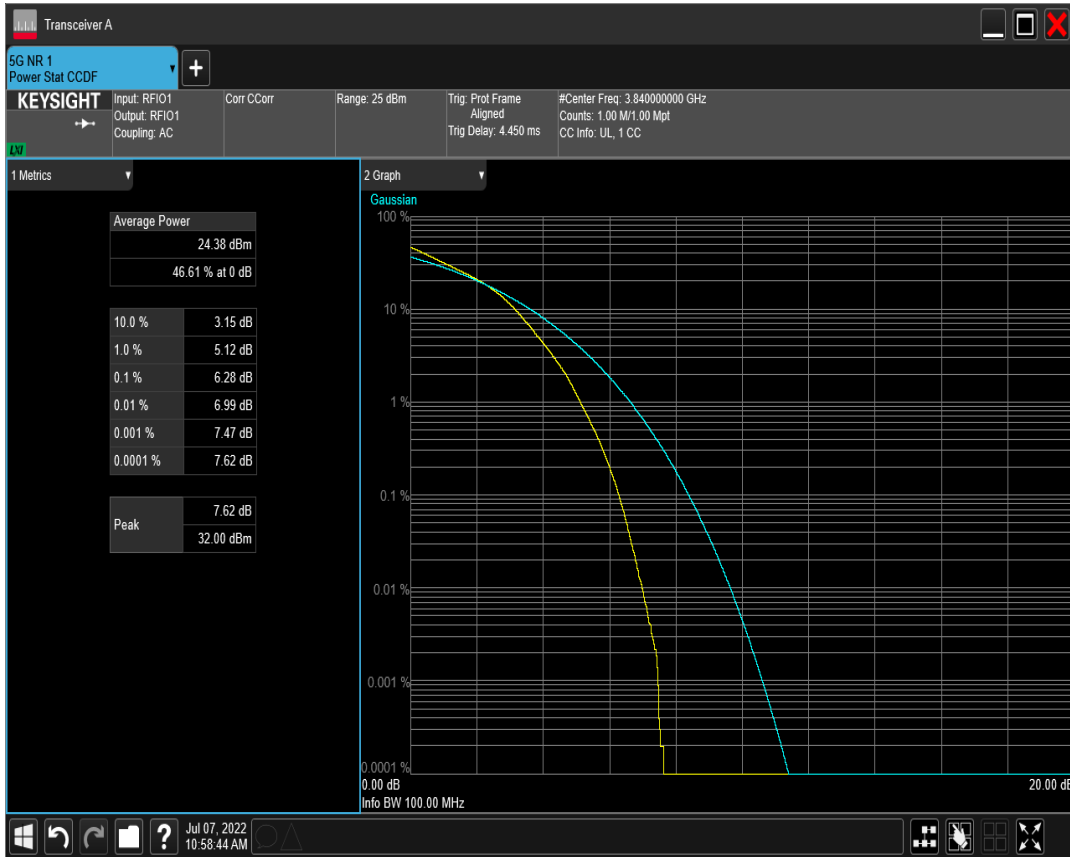
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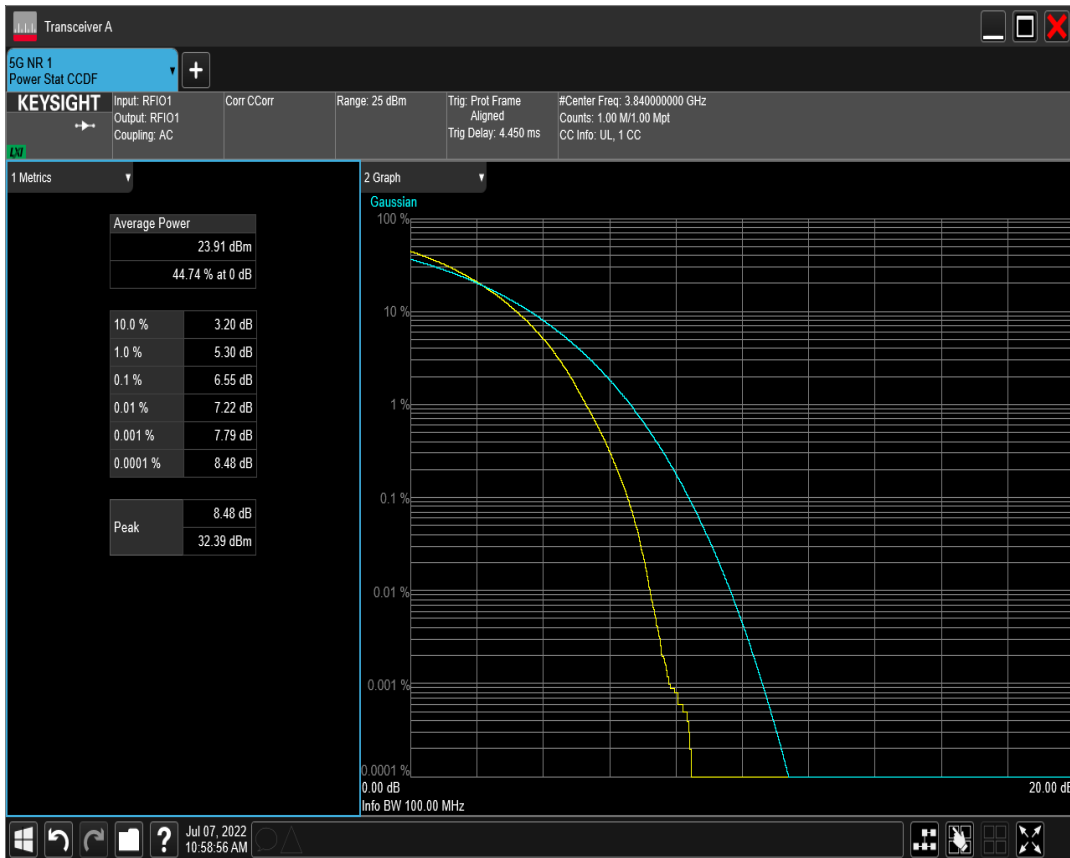
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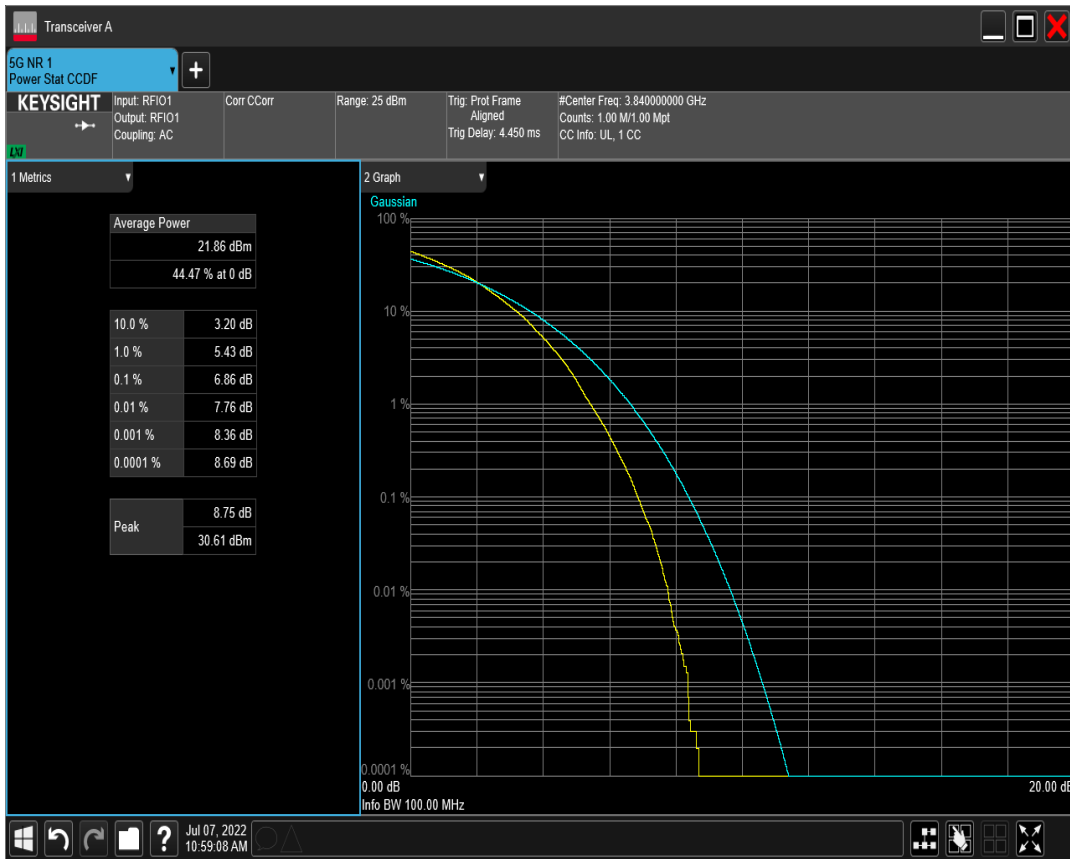
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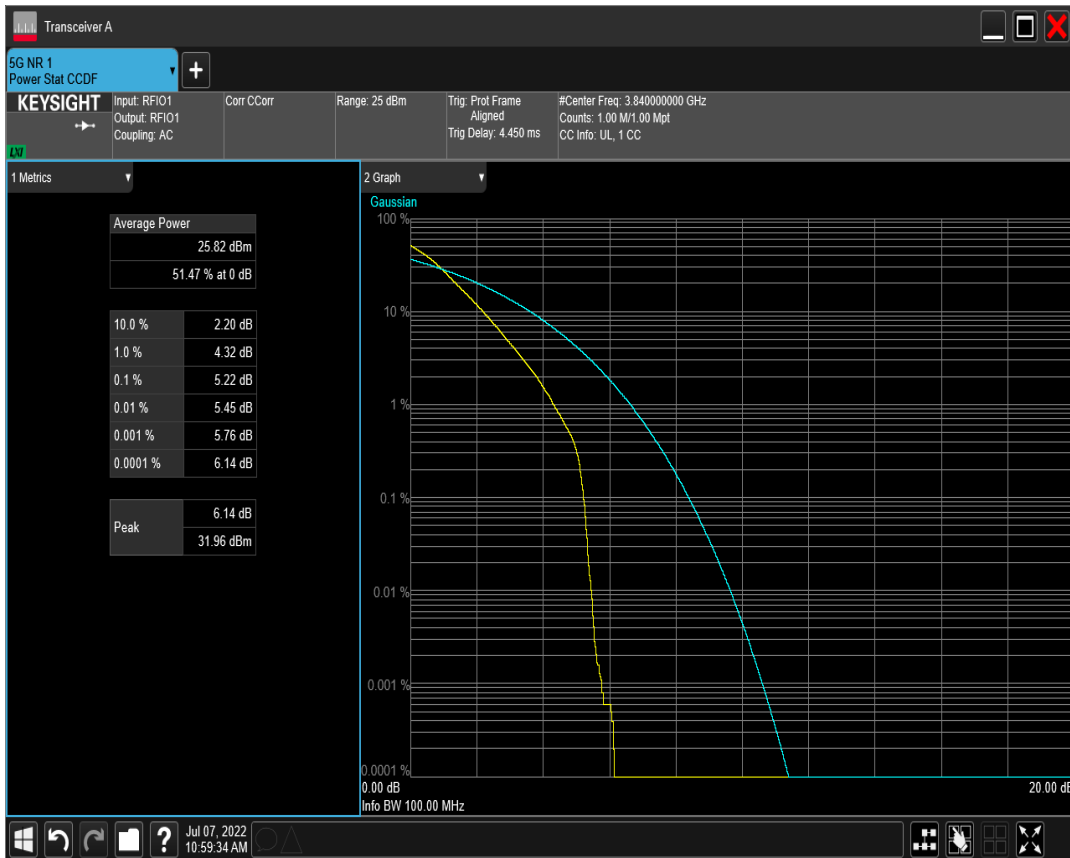
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=90MHz Channel=656000 RB=240@0



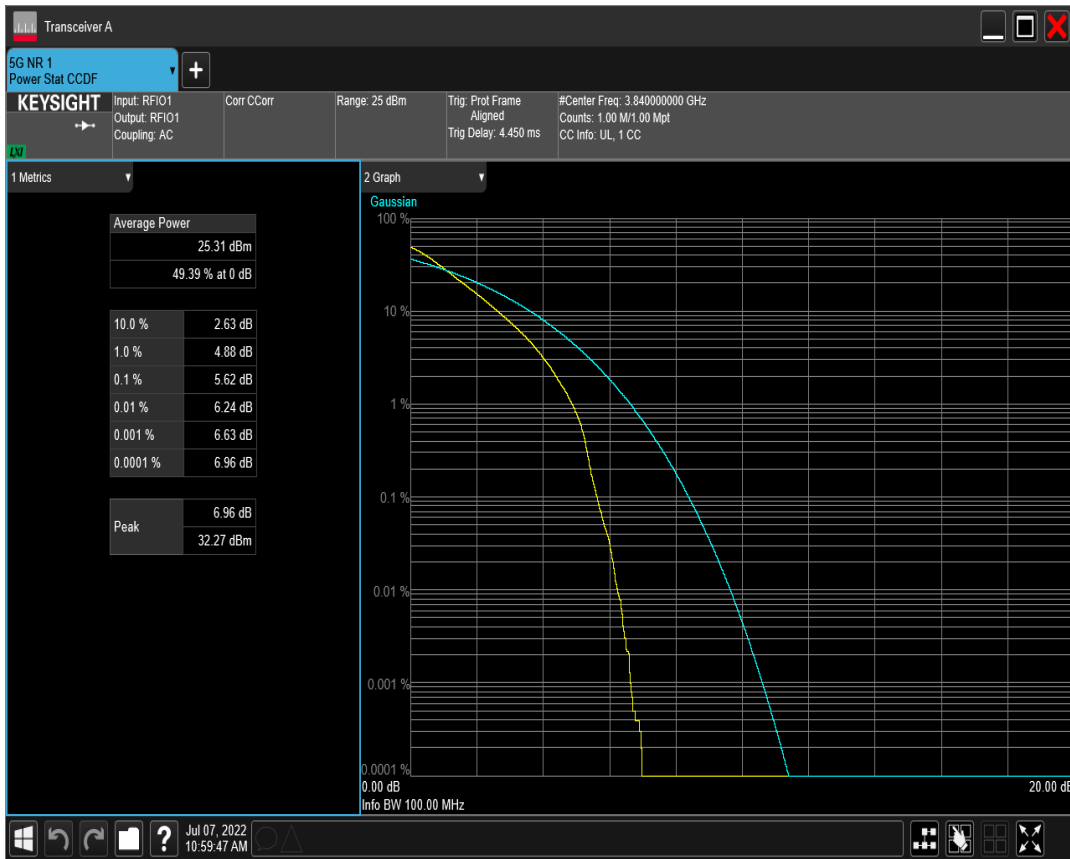
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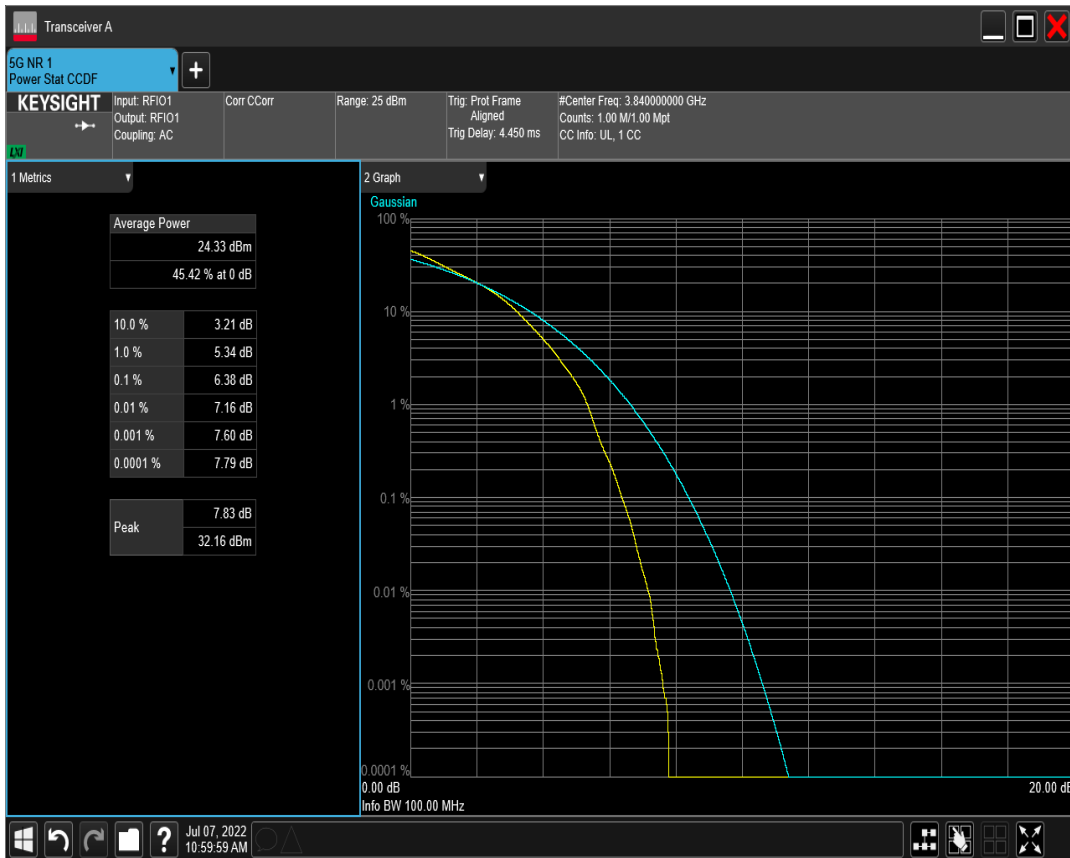
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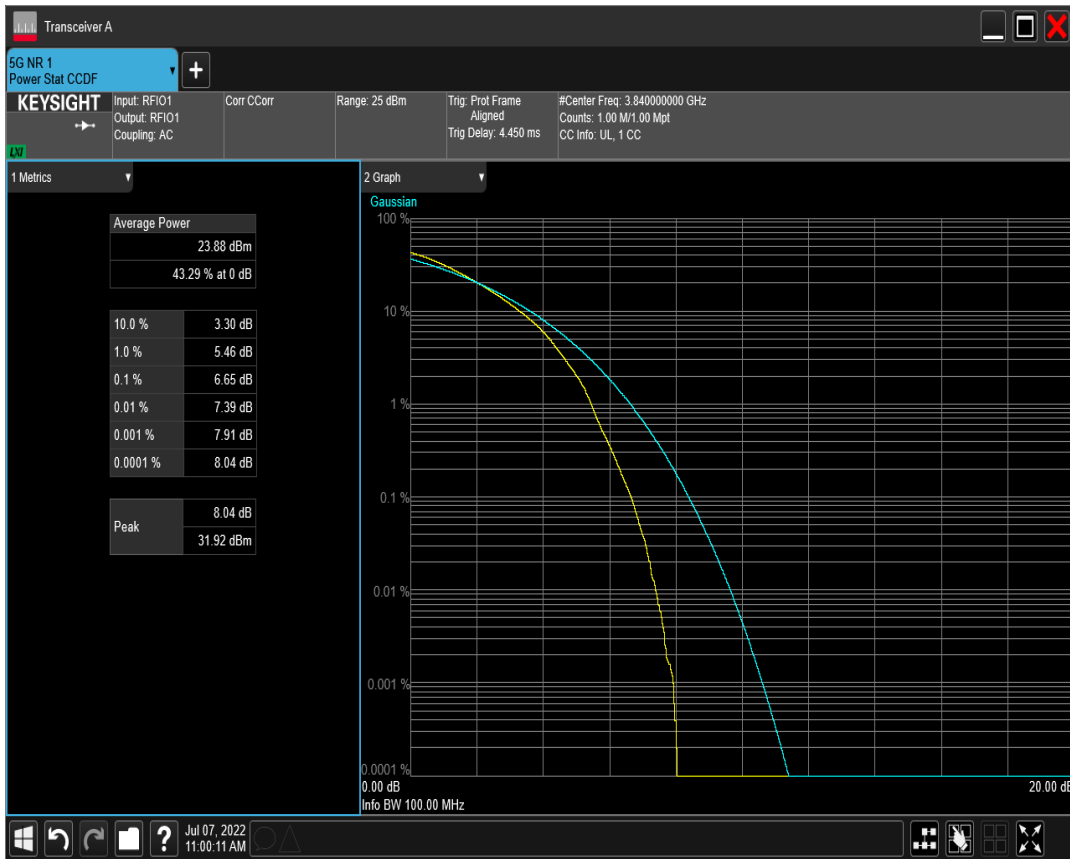
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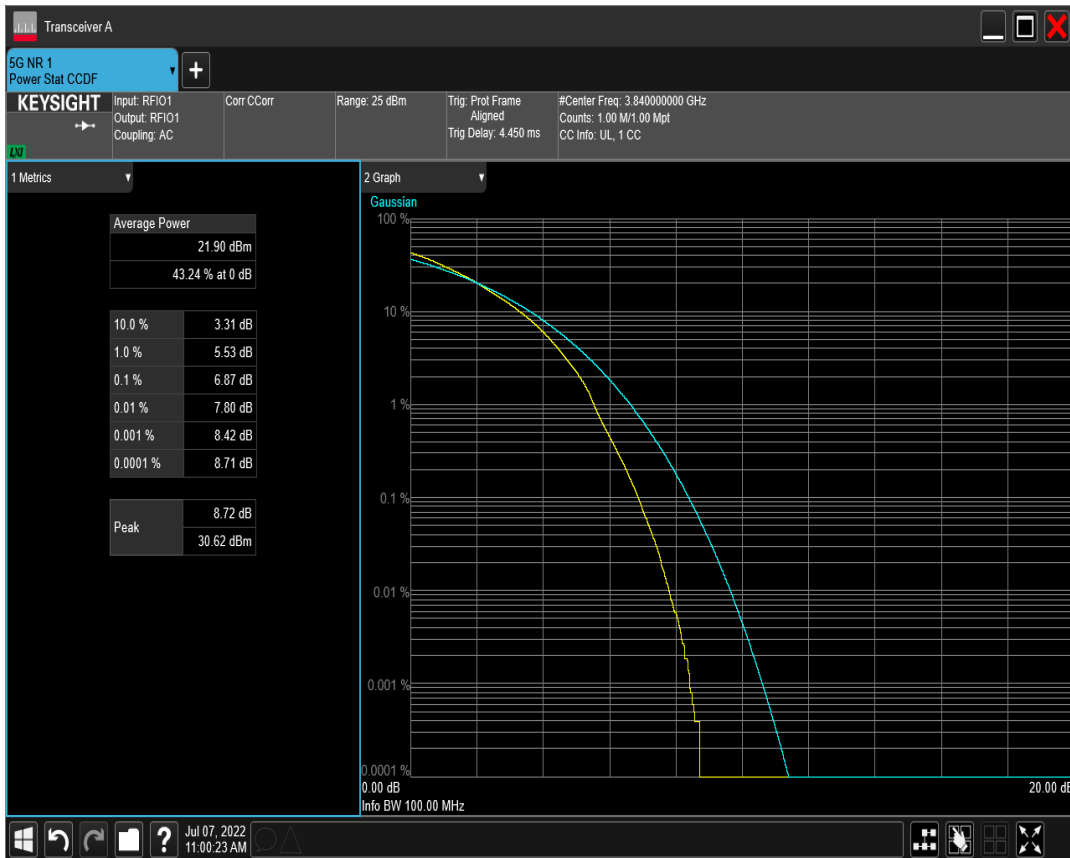
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n77(3700-3980) SCS=30kHz DFT_QAM64 BW=100MHz Channel=656000 RB=270@0



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



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 | 8.610 | 9.150 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 24@0 | DFT_QPSK | 8.610 | 9.160 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 24@0 | DFT_QAM16 | 8.610 | 9.150 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 24@0 | DFT_QAM64 | 8.640 | 9.160 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 24@0 | DFT_QAM256 | 8.610 | 9.150 | PASS |
| n77(3700-3980) | 30 | 10 | 647000 | 24@0 | CP_QPSK | 8.620 | 9.170 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 24@0 | DFT_BPSK | 8.610 | 9.160 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 24@0 | DFT_QPSK | 8.610 | 9.170 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 24@0 | DFT_QAM16 | 8.610 | 9.150 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 24@0 | DFT_QAM64 | 8.640 | 9.160 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 24@0 | DFT_QAM256 | 8.610 | 9.160 | PASS |
| n77(3700-3980) | 30 | 10 | 656000 | 24@0 | CP_QPSK | 8.610 | 9.160 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 24@0 | DFT_BPSK | 8.620 | 9.150 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 24@0 | DFT_QPSK | 8.650 | 9.180 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 24@0 | DFT_QAM16 | 8.610 | 9.160 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 24@0 | DFT_QAM64 | 8.640 | 9.170 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 24@0 | DFT_QAM256 | 8.610 | 9.160 | PASS |
| n77(3700-3980) | 30 | 10 | 665000 | 24@0 | CP_QPSK | 8.610 | 9.160 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 36@0 | DFT_BPSK | 13.500 | 13.690 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 36@0 | DFT_QPSK | 13.530 | 13.680 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 36@0 | DFT_QAM16 | 13.530 | 13.690 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 36@0 | DFT_QAM64 | 13.520 | 13.690 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 36@0 | DFT_QAM256 | 13.510 | 13.670 | PASS |
| n77(3700-3980) | 30 | 15 | 647168 | 38@0 | CP_QPSK | 13.640 | 14.460 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 36@0 | DFT_BPSK | 13.570 | 13.690 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 36@0 | DFT_QPSK | 13.520 | 13.680 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 36@0 | DFT_QAM16 | 13.520 | 13.690 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 36@0 | DFT_QAM64 | 13.510 | 13.700 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 36@0 | DFT_QAM256 | 13.450 | 13.650 | PASS |
| n77(3700-3980) | 30 | 15 | 656000 | 38@0 | CP_QPSK | 13.640 | 14.400 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 36@0 | DFT_BPSK | 13.570 | 13.680 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 36@0 | DFT_QPSK | 13.520 | 13.670 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 36@0 | DFT_QAM16 | 13.510 | 13.680 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 36@0 | DFT_QAM64 | 13.510 | 13.680 | PASS |
| n77(3700-3980) | 30 | 15 | 664832 | 36@0 | DFT_QAM256 | 13.460 | 13.670 | 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 | 18.900 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 50@0 | DFT_QPSK | 18.090 | 18.910 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 50@0 | DFT_QAM16 | 18.170 | 18.930 | PASS |

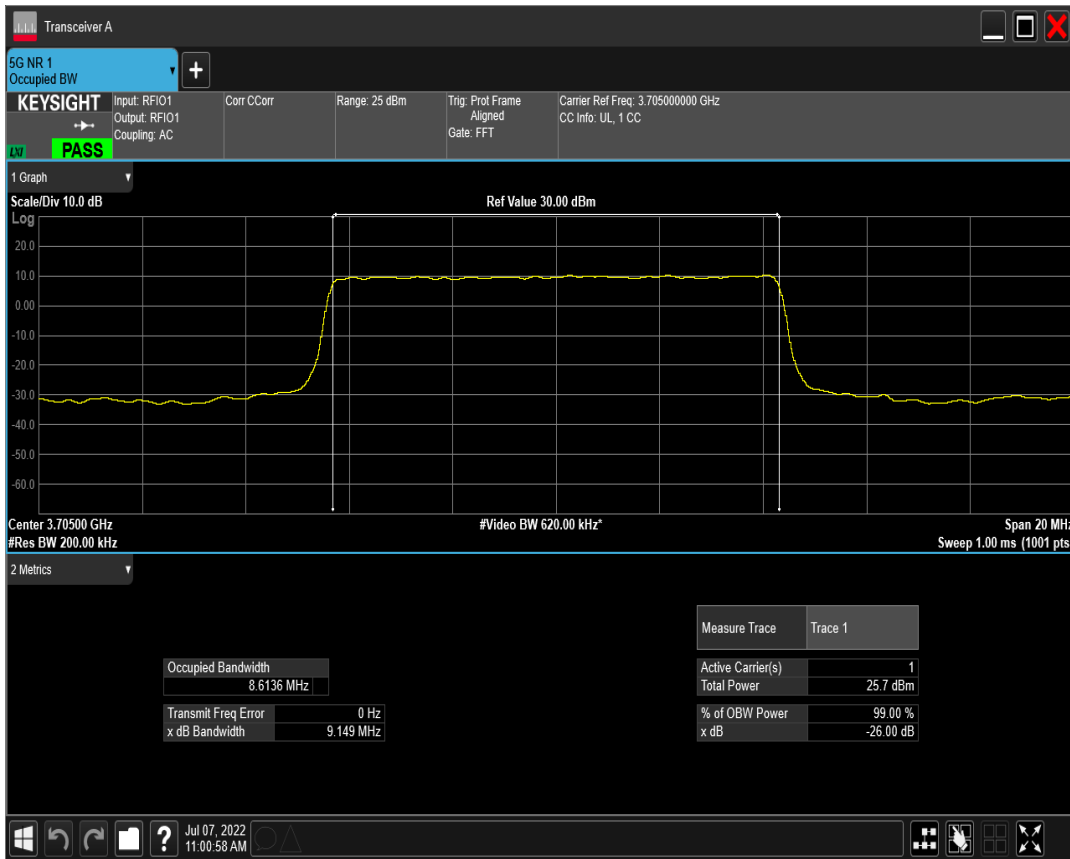
| | | | | | | | | |
|----------------|----|----|--------|-------|------------|--------|--------|------|
| n77(3700-3980) | 30 | 20 | 647334 | 50@0 | DFT_QAM64 | 18.100 | 18.910 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 50@0 | DFT_QAM256 | 18.120 | 18.910 | PASS |
| n77(3700-3980) | 30 | 20 | 647334 | 51@0 | CP_QPSK | 18.330 | 19.320 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 50@0 | DFT_BPSK | 18.030 | 18.890 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 50@0 | DFT_QPSK | 18.030 | 18.870 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 50@0 | DFT_QAM16 | 18.020 | 18.890 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 50@0 | DFT_QAM64 | 18.080 | 18.900 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 50@0 | DFT_QAM256 | 18.030 | 18.890 | PASS |
| n77(3700-3980) | 30 | 20 | 656000 | 51@0 | CP_QPSK | 18.280 | 19.280 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 50@0 | DFT_BPSK | 18.040 | 18.890 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 50@0 | DFT_QPSK | 18.080 | 18.890 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 50@0 | DFT_QAM16 | 18.030 | 18.910 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 50@0 | DFT_QAM64 | 18.100 | 18.910 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 50@0 | DFT_QAM256 | 18.040 | 18.890 | PASS |
| n77(3700-3980) | 30 | 20 | 664666 | 51@0 | CP_QPSK | 18.280 | 19.290 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 75@0 | DFT_BPSK | 27.640 | 28.430 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 75@0 | DFT_QPSK | 27.760 | 28.450 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 75@0 | DFT_QAM16 | 27.650 | 28.430 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 75@0 | DFT_QAM64 | 27.720 | 28.430 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 75@0 | DFT_QAM256 | 27.650 | 28.410 | PASS |
| n77(3700-3980) | 30 | 30 | 647668 | 78@0 | CP_QPSK | 28.000 | 29.570 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 75@0 | DFT_BPSK | 27.530 | 28.430 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 75@0 | DFT_QPSK | 27.610 | 28.420 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 75@0 | DFT_QAM16 | 27.650 | 28.420 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 75@0 | DFT_QAM64 | 27.620 | 28.430 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 75@0 | DFT_QAM256 | 27.540 | 28.420 | PASS |
| n77(3700-3980) | 30 | 30 | 656000 | 78@0 | CP_QPSK | 27.990 | 29.530 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 75@0 | DFT_BPSK | 27.640 | 28.430 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 75@0 | DFT_QPSK | 27.630 | 28.440 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 75@0 | DFT_QAM16 | 27.650 | 28.410 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 75@0 | DFT_QAM64 | 27.630 | 28.430 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 75@0 | DFT_QAM256 | 27.540 | 28.420 | PASS |
| n77(3700-3980) | 30 | 30 | 664332 | 78@0 | CP_QPSK | 27.990 | 29.530 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 100@0 | DFT_BPSK | 37.650 | 37.880 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 100@0 | DFT_QPSK | 37.650 | 37.880 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 100@0 | DFT_QAM16 | 37.640 | 37.880 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 100@0 | DFT_QAM64 | 37.640 | 37.860 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 100@0 | DFT_QAM256 | 37.600 | 37.860 | PASS |
| n77(3700-3980) | 30 | 40 | 648000 | 106@0 | CP_QPSK | 38.090 | 40.110 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 100@0 | DFT_BPSK | 37.510 | 37.850 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 100@0 | DFT_QPSK | 37.520 | 37.860 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 100@0 | DFT_QAM16 | 37.470 | 37.860 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 100@0 | DFT_QAM64 | 37.480 | 37.820 | PASS |

| | | | | | | | | |
|----------------|----|----|--------|-------|------------|--------|--------|------|
| n77(3700-3980) | 30 | 40 | 656000 | 100@0 | DFT_QAM256 | 37.470 | 37.830 | PASS |
| n77(3700-3980) | 30 | 40 | 656000 | 106@0 | CP_QPSK | 37.990 | 40.050 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 100@0 | DFT_BPSK | 37.510 | 37.850 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 100@0 | DFT_QPSK | 37.480 | 37.850 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 100@0 | DFT_QAM16 | 37.490 | 37.890 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 100@0 | DFT_QAM64 | 37.490 | 37.850 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 100@0 | DFT_QAM256 | 37.490 | 37.850 | PASS |
| n77(3700-3980) | 30 | 40 | 664000 | 106@0 | CP_QPSK | 37.990 | 40.060 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 128@0 | DFT_BPSK | 47.210 | 48.350 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 128@0 | DFT_QPSK | 47.250 | 48.430 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 128@0 | DFT_QAM16 | 47.080 | 48.370 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 128@0 | DFT_QAM64 | 47.090 | 48.340 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 128@0 | DFT_QAM256 | 47.090 | 48.310 | PASS |
| n77(3700-3980) | 30 | 50 | 648334 | 133@0 | CP_QPSK | 47.670 | 50.280 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 128@0 | DFT_BPSK | 47.020 | 48.300 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 128@0 | DFT_QPSK | 47.060 | 48.360 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 128@0 | DFT_QAM16 | 47.060 | 48.360 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 128@0 | DFT_QAM64 | 47.010 | 48.300 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 128@0 | DFT_QAM256 | 47.010 | 48.310 | PASS |
| n77(3700-3980) | 30 | 50 | 656000 | 133@0 | CP_QPSK | 47.660 | 50.190 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 128@0 | DFT_BPSK | 47.100 | 48.340 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 128@0 | DFT_QPSK | 47.090 | 48.340 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 128@0 | DFT_QAM16 | 47.030 | 48.340 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 128@0 | DFT_QAM64 | 47.040 | 48.320 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 128@0 | DFT_QAM256 | 47.020 | 48.310 | PASS |
| n77(3700-3980) | 30 | 50 | 663666 | 133@0 | CP_QPSK | 47.670 | 50.210 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 162@0 | DFT_BPSK | 58.100 | 61.000 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 162@0 | DFT_QPSK | 58.100 | 61.030 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 162@0 | DFT_QAM16 | 58.090 | 60.990 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 162@0 | DFT_QAM64 | 58.120 | 60.980 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 162@0 | DFT_QAM256 | 58.090 | 60.970 | PASS |
| n77(3700-3980) | 30 | 60 | 648668 | 162@0 | CP_QPSK | 58.100 | 61.110 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 162@0 | DFT_BPSK | 58.080 | 60.960 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 162@0 | DFT_QPSK | 57.950 | 60.950 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 162@0 | DFT_QAM16 | 57.960 | 60.950 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 162@0 | DFT_QAM64 | 58.110 | 60.950 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 162@0 | DFT_QAM256 | 57.950 | 60.950 | PASS |
| n77(3700-3980) | 30 | 60 | 656000 | 162@0 | CP_QPSK | 58.080 | 61.000 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 162@0 | DFT_BPSK | 58.090 | 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 | 57.930 | 60.940 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 162@0 | DFT_QAM64 | 57.960 | 60.970 | PASS |
| n77(3700-3980) | 30 | 60 | 663332 | 162@0 | DFT_QAM256 | 57.950 | 60.960 | PASS |

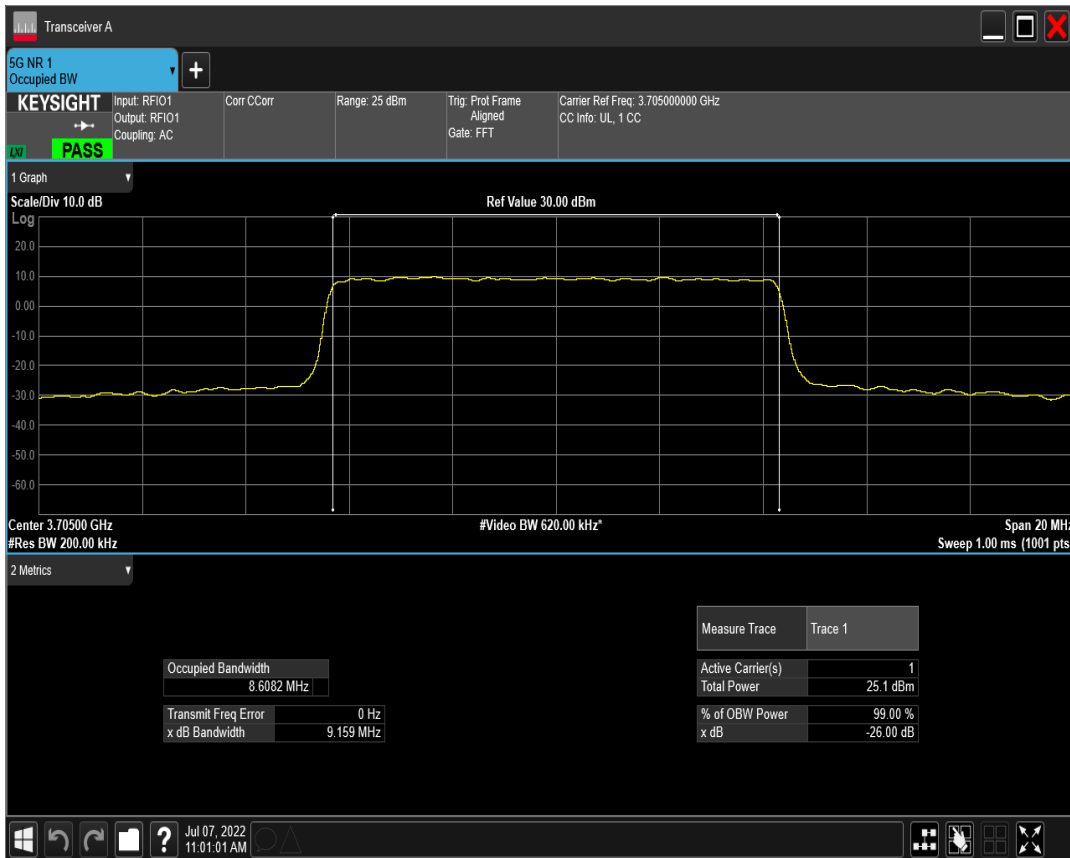
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|----------------|----|-----|--------|-------|------------|--------|---------|------|
| n77(3700-3980) | 30 | 60 | 663332 | 162@0 | CP_QPSK | 58.090 | 61.040 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 216@0 | DFT_BPSK | 77.540 | 81.400 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 216@0 | DFT_QPSK | 77.510 | 81.440 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 216@0 | DFT_QAM16 | 77.510 | 81.380 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 216@0 | DFT_QAM64 | 77.520 | 81.400 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 216@0 | DFT_QAM256 | 77.480 | 81.340 | PASS |
| n77(3700-3980) | 30 | 80 | 649334 | 217@0 | CP_QPSK | 77.840 | 81.870 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 216@0 | DFT_BPSK | 77.480 | 81.370 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 216@0 | DFT_QPSK | 77.470 | 81.350 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 216@0 | DFT_QAM16 | 77.470 | 81.350 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 216@0 | DFT_QAM64 | 77.470 | 81.360 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 216@0 | DFT_QAM256 | 77.440 | 81.320 | PASS |
| n77(3700-3980) | 30 | 80 | 656000 | 217@0 | CP_QPSK | 77.810 | 81.760 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 216@0 | DFT_BPSK | 77.480 | 81.370 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 216@0 | DFT_QPSK | 77.470 | 81.370 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 216@0 | DFT_QAM16 | 77.270 | 81.310 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 216@0 | DFT_QAM64 | 77.480 | 81.370 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 216@0 | DFT_QAM256 | 77.440 | 81.340 | PASS |
| n77(3700-3980) | 30 | 80 | 662666 | 217@0 | CP_QPSK | 77.810 | 81.780 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 240@0 | DFT_BPSK | 86.810 | 90.570 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 240@0 | DFT_QPSK | 86.800 | 90.560 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 240@0 | DFT_QAM16 | 86.810 | 90.520 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 240@0 | DFT_QAM64 | 86.770 | 90.470 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 240@0 | DFT_QAM256 | 86.770 | 90.440 | PASS |
| n77(3700-3980) | 30 | 90 | 649668 | 245@0 | CP_QPSK | 87.870 | 92.440 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 240@0 | DFT_BPSK | 86.470 | 90.450 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 240@0 | DFT_QPSK | 86.430 | 90.430 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 240@0 | DFT_QAM16 | 86.450 | 90.430 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 240@0 | DFT_QAM64 | 86.450 | 90.460 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 240@0 | DFT_QAM256 | 86.440 | 90.430 | PASS |
| n77(3700-3980) | 30 | 90 | 656000 | 245@0 | CP_QPSK | 87.850 | 92.320 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 240@0 | DFT_BPSK | 86.540 | 90.480 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 240@0 | DFT_QPSK | 86.530 | 90.500 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 240@0 | DFT_QAM16 | 86.520 | 90.490 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 240@0 | DFT_QAM64 | 86.530 | 90.520 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 240@0 | DFT_QAM256 | 86.470 | 90.470 | PASS |
| n77(3700-3980) | 30 | 90 | 662332 | 245@0 | CP_QPSK | 87.870 | 92.360 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 270@0 | DFT_BPSK | 96.990 | 101.720 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 270@0 | DFT_QPSK | 96.990 | 101.750 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 270@0 | DFT_QAM16 | 96.960 | 101.710 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 270@0 | DFT_QAM64 | 96.970 | 101.650 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 270@0 | DFT_QAM256 | 96.960 | 101.640 | PASS |
| n77(3700-3980) | 30 | 100 | 650000 | 273@0 | CP_QPSK | 97.790 | 102.910 | PASS |

| | | | | | | | | |
|----------------|----|-----|--------|-------|------------|--------|---------|------|
| n77(3700-3980) | 30 | 100 | 656000 | 270@0 | DFT_BPSK | 96.840 | 101.670 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 270@0 | DFT_QPSK | 96.870 | 101.680 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 270@0 | DFT_QAM16 | 96.840 | 101.610 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 270@0 | DFT_QAM64 | 96.850 | 101.600 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 270@0 | DFT_QAM256 | 96.850 | 101.630 | PASS |
| n77(3700-3980) | 30 | 100 | 656000 | 273@0 | CP_QPSK | 97.760 | 102.780 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 270@0 | DFT_BPSK | 96.910 | 101.680 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 270@0 | DFT_QPSK | 96.870 | 101.660 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 270@0 | DFT_QAM16 | 96.880 | 101.630 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 270@0 | DFT_QAM64 | 96.890 | 101.640 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 270@0 | DFT_QAM256 | 96.870 | 101.650 | PASS |
| n77(3700-3980) | 30 | 100 | 662000 | 273@0 | CP_QPSK | 97.770 | 102.770 | 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



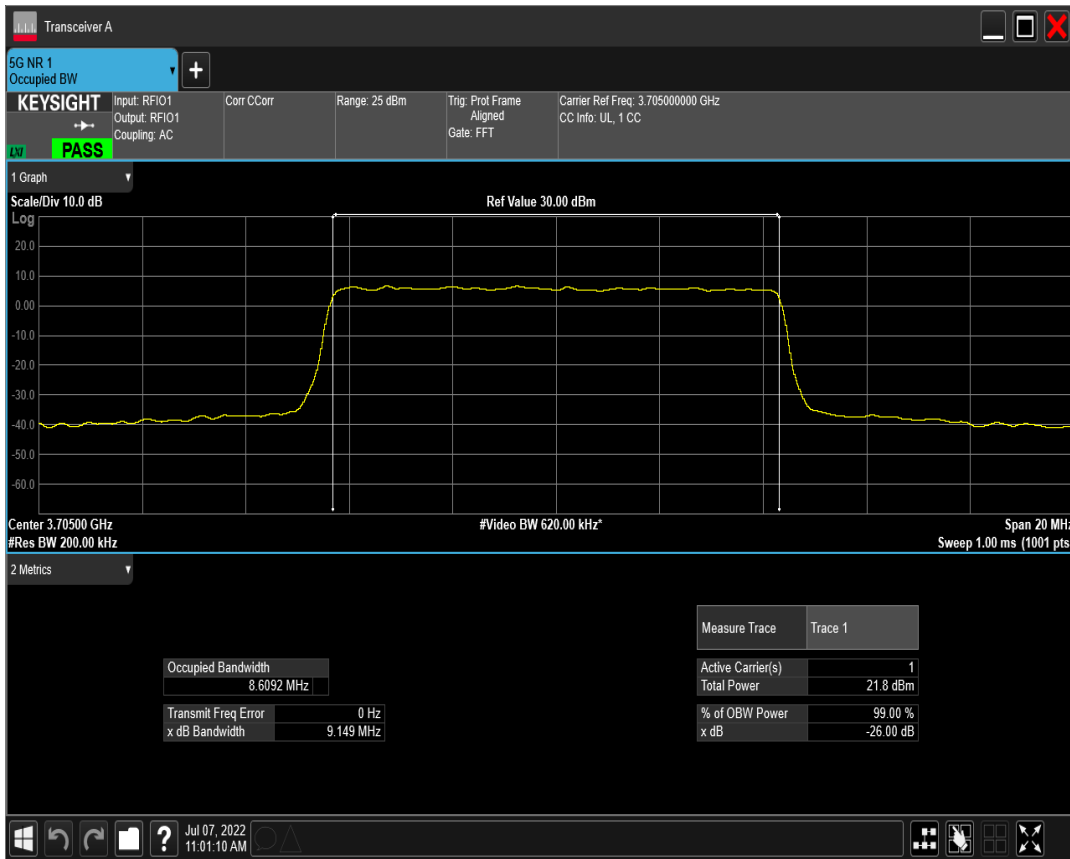
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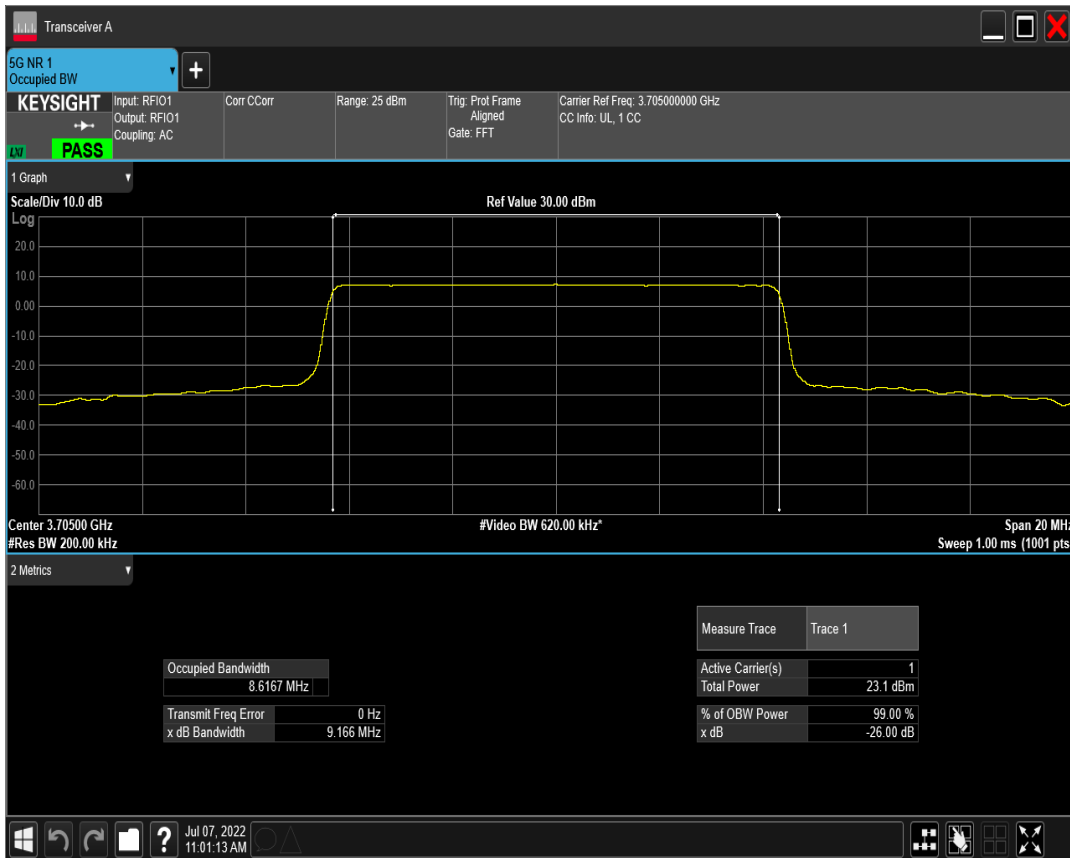
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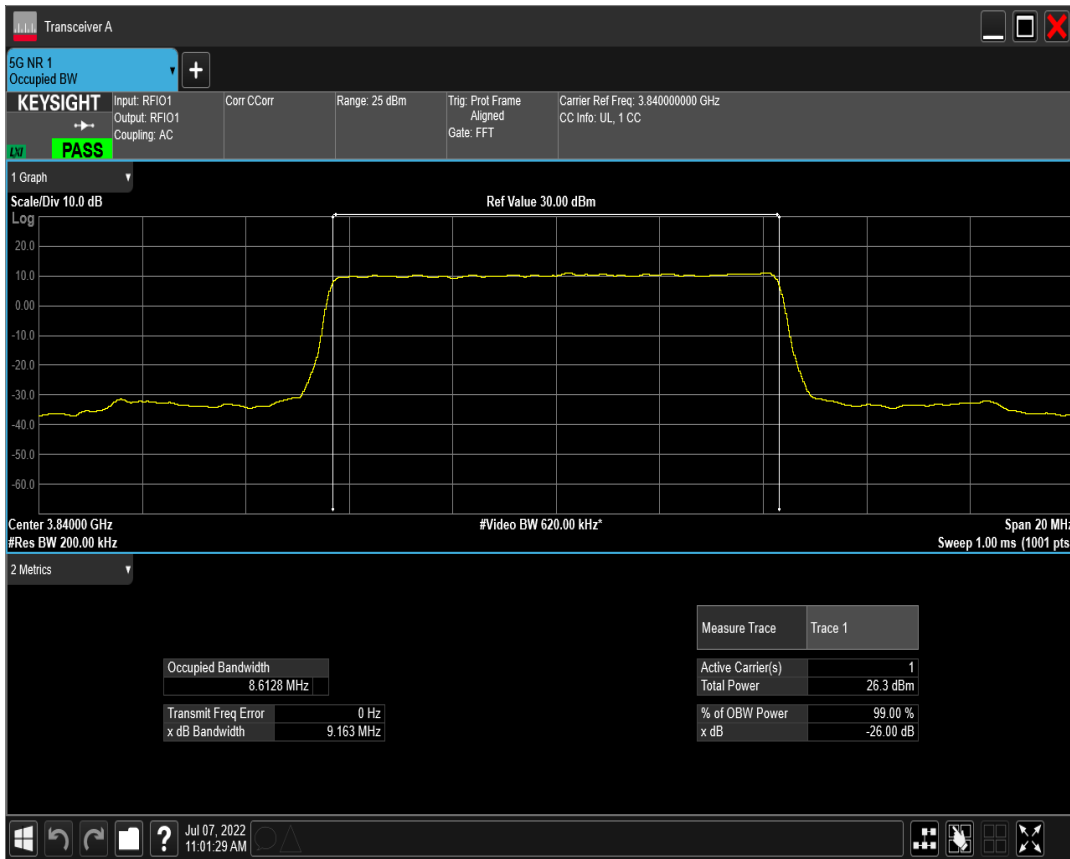
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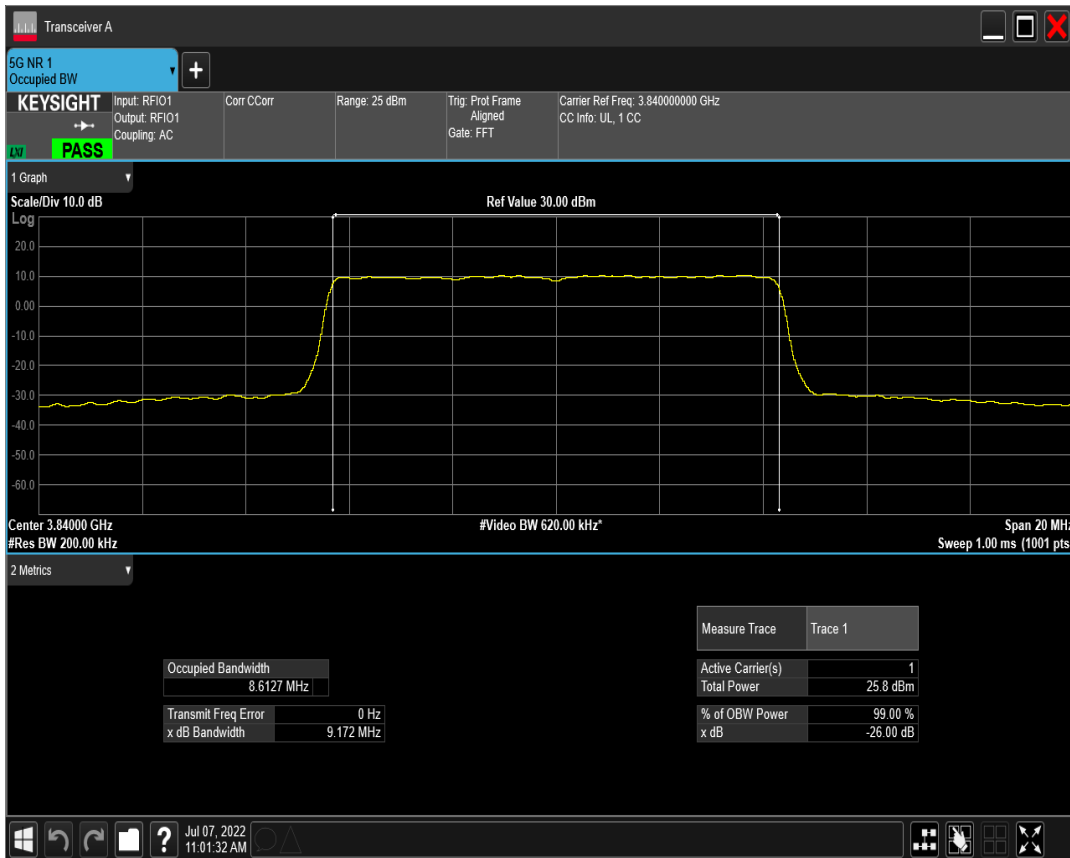
n77(3700-3980) SCS=30kHz CP_QPSK BW=10MHz Channel=647000 RB=24@0



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



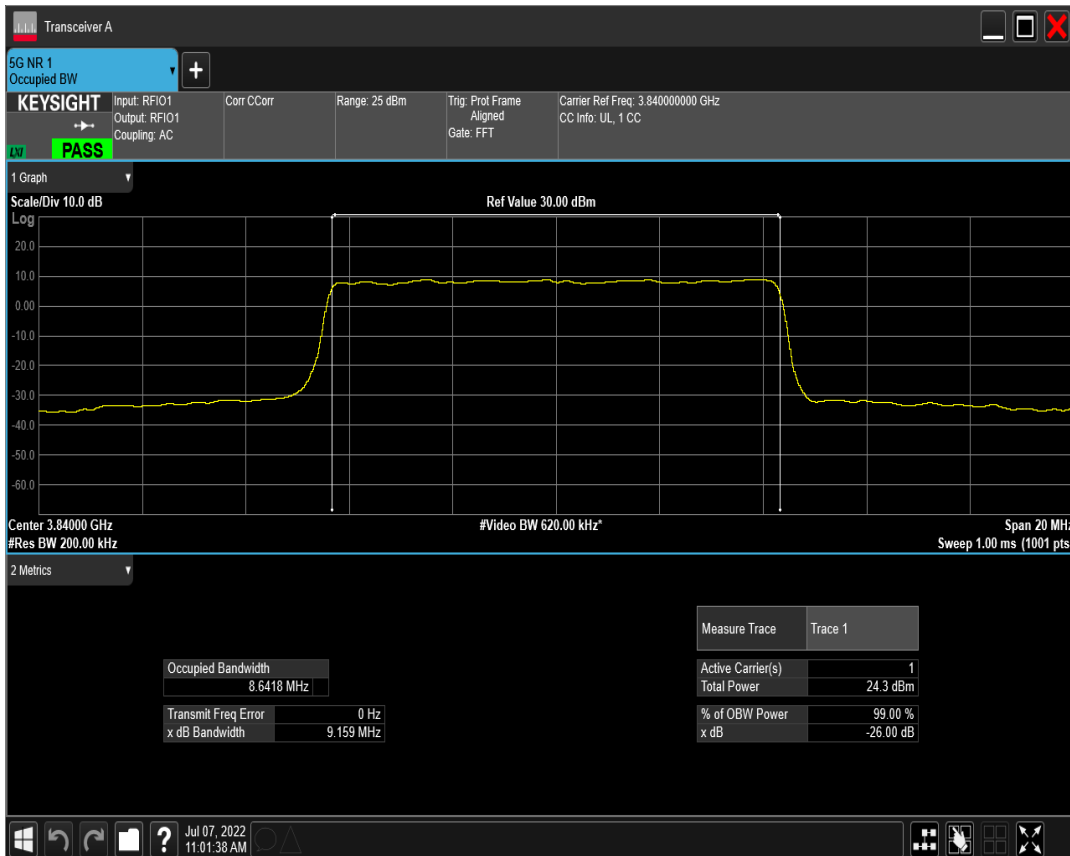
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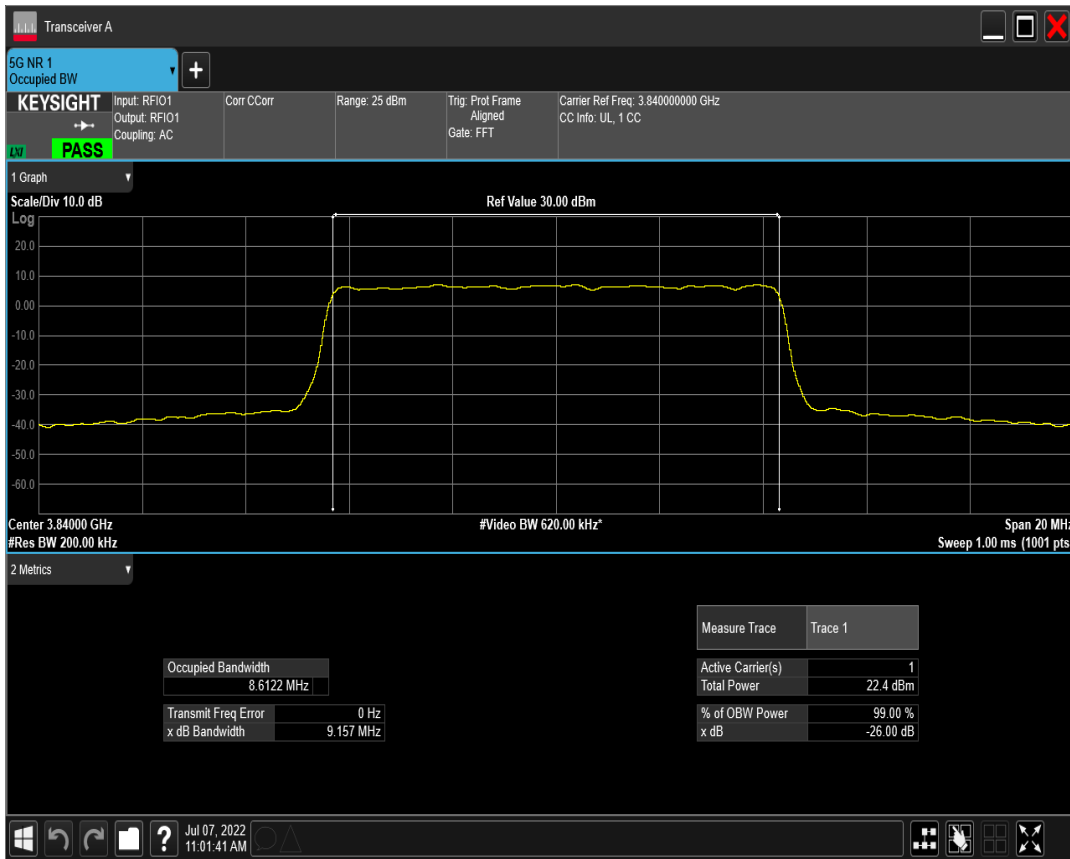
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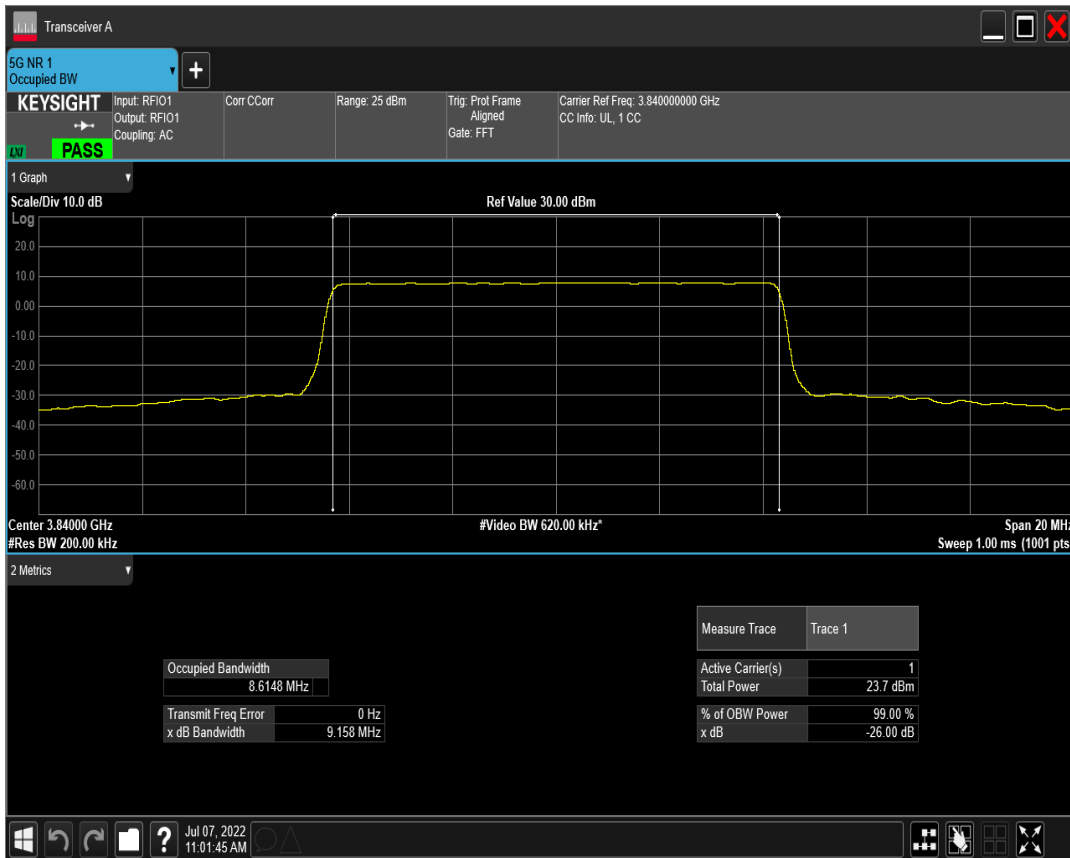
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n77(3700-3980) SCS=30kHz DFT_QAM256 BW=10MHz Channel=656000 RB=24@0



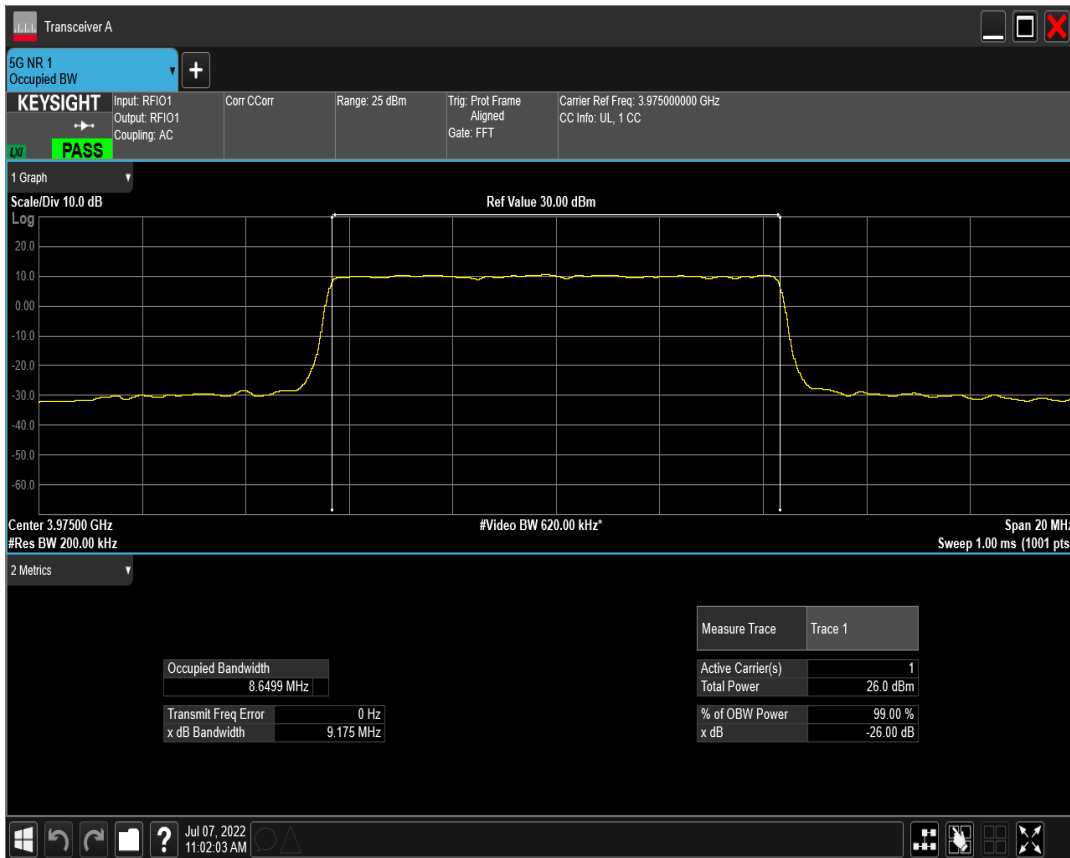
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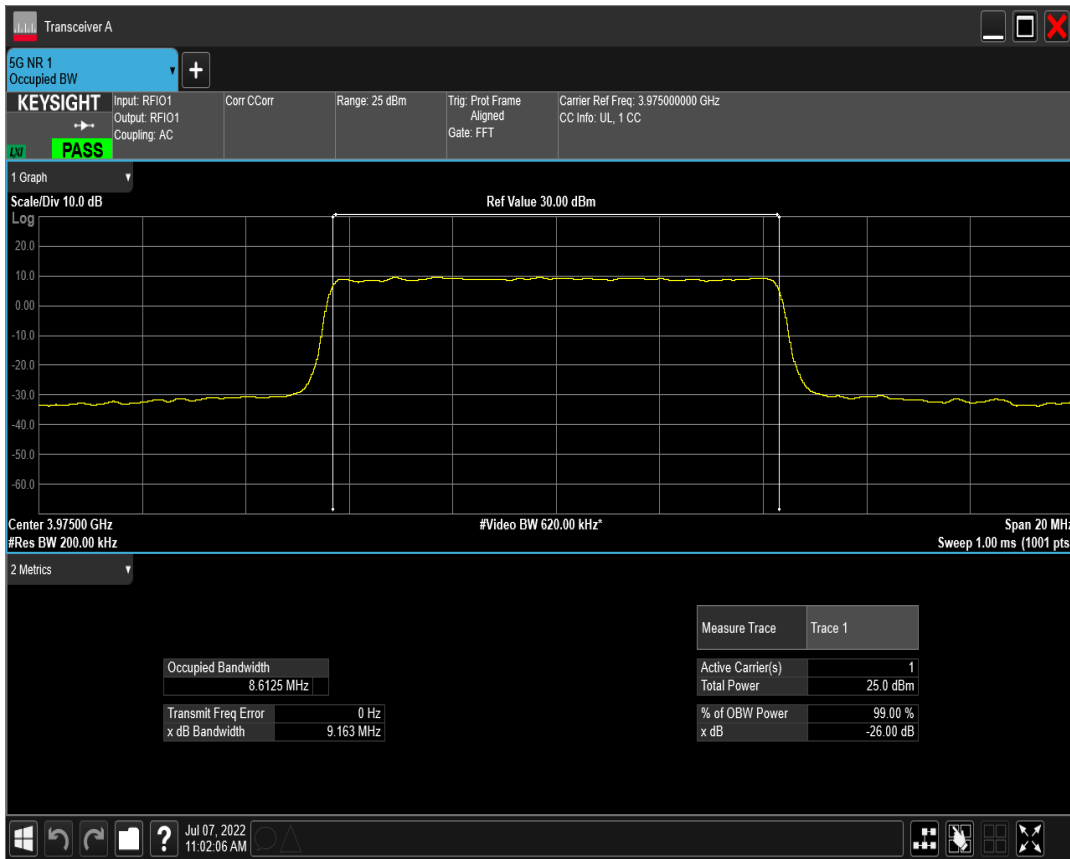
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n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=665000 RB=24@0



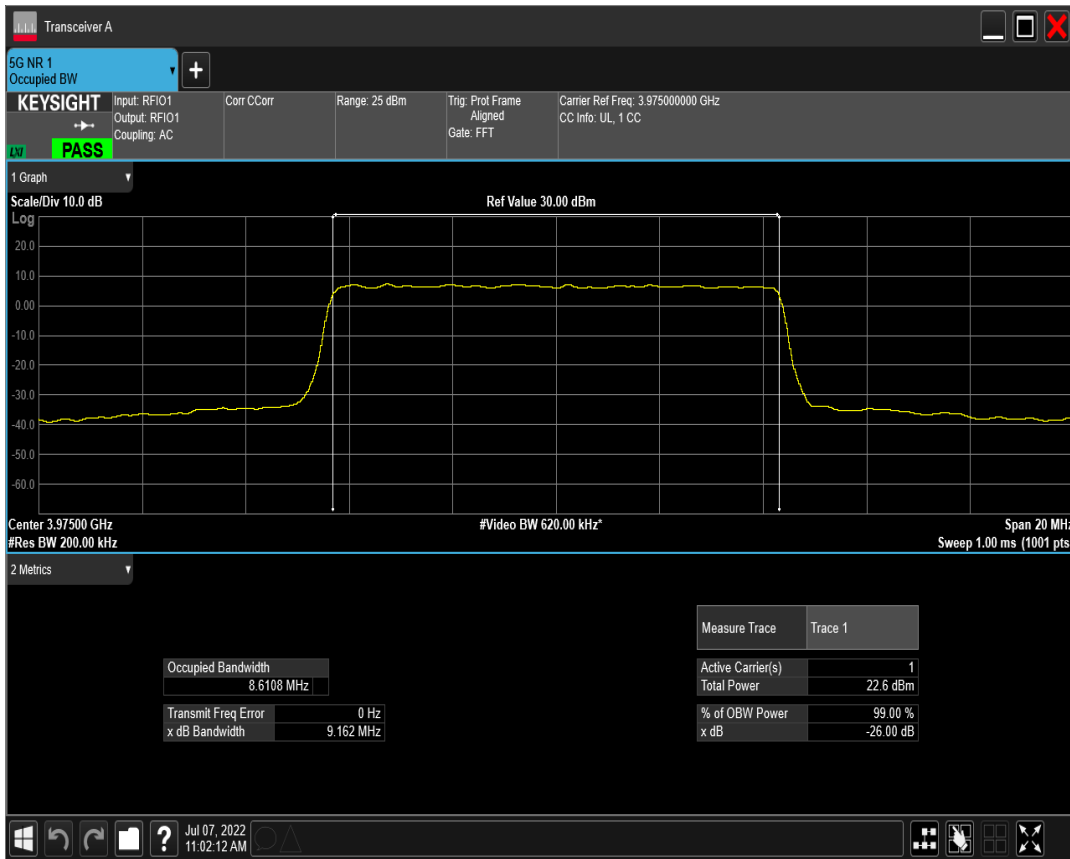
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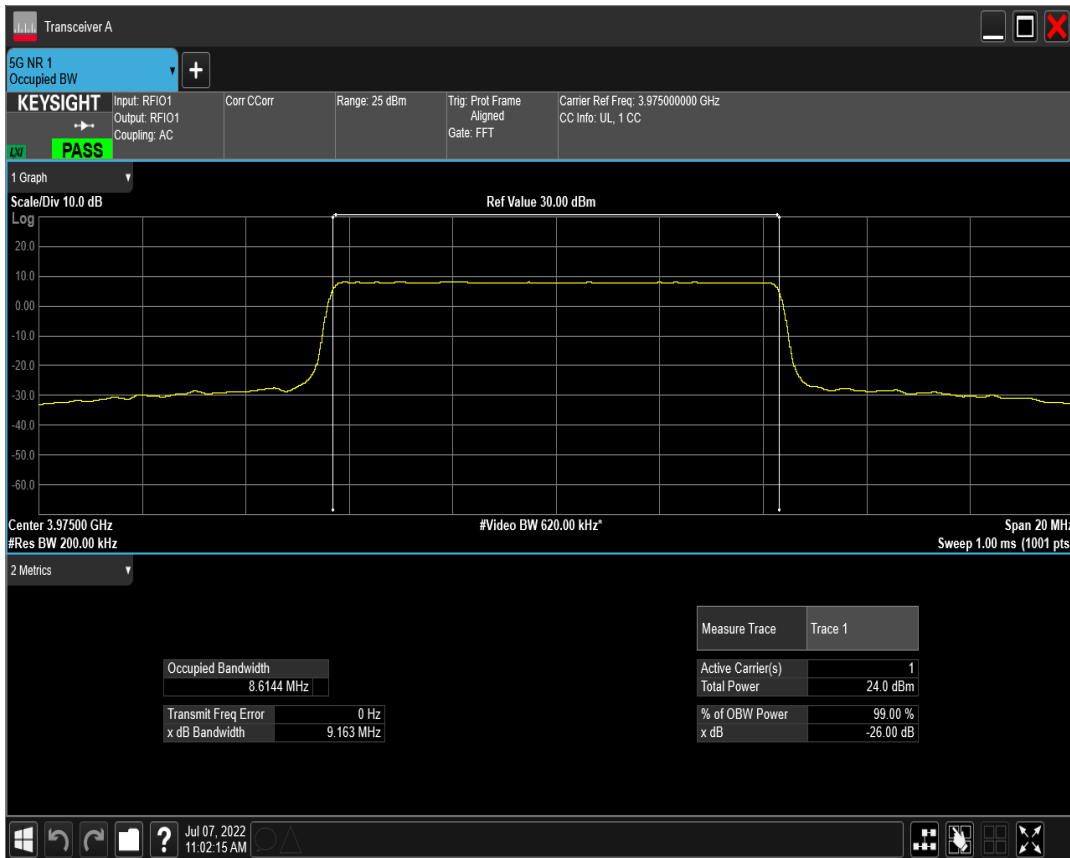
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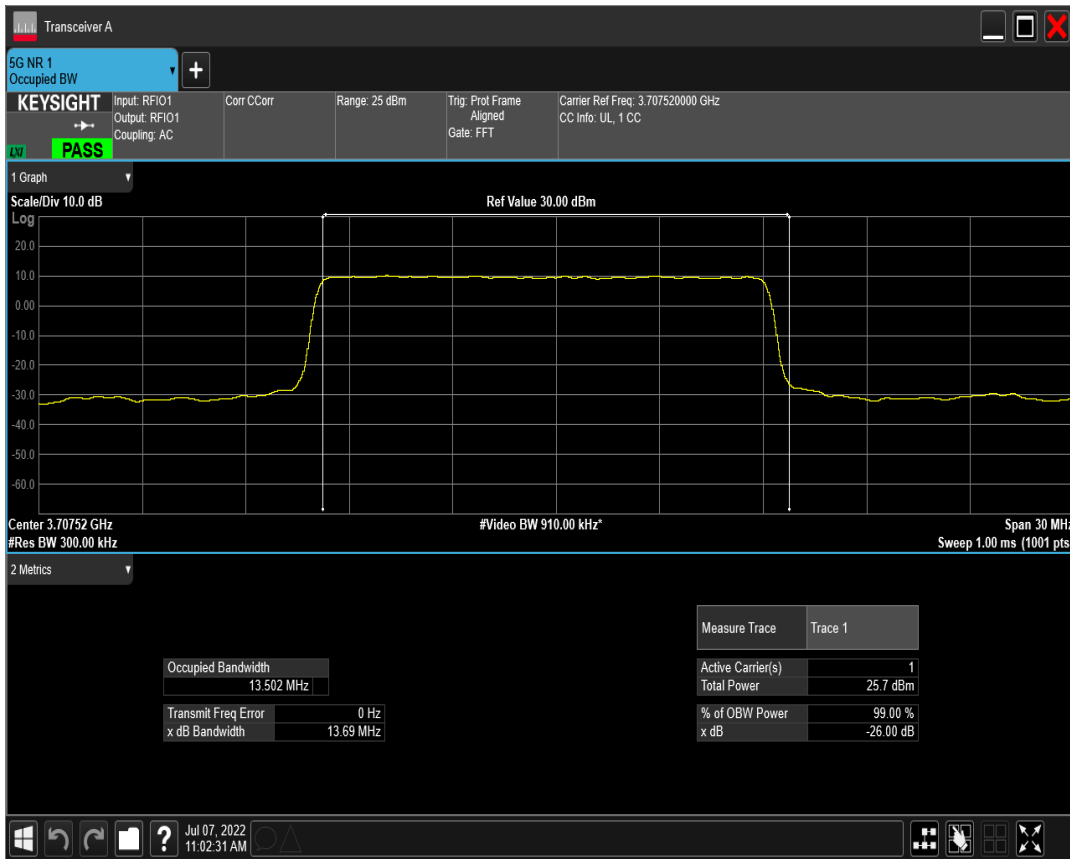
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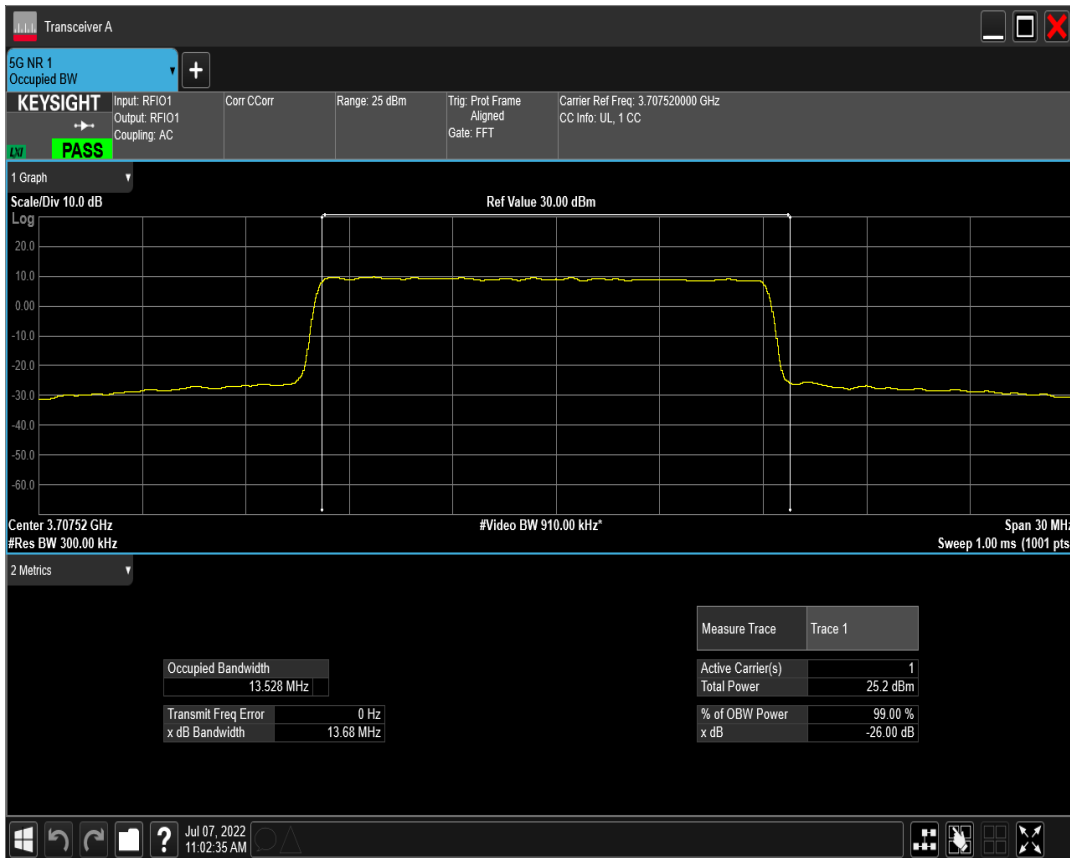
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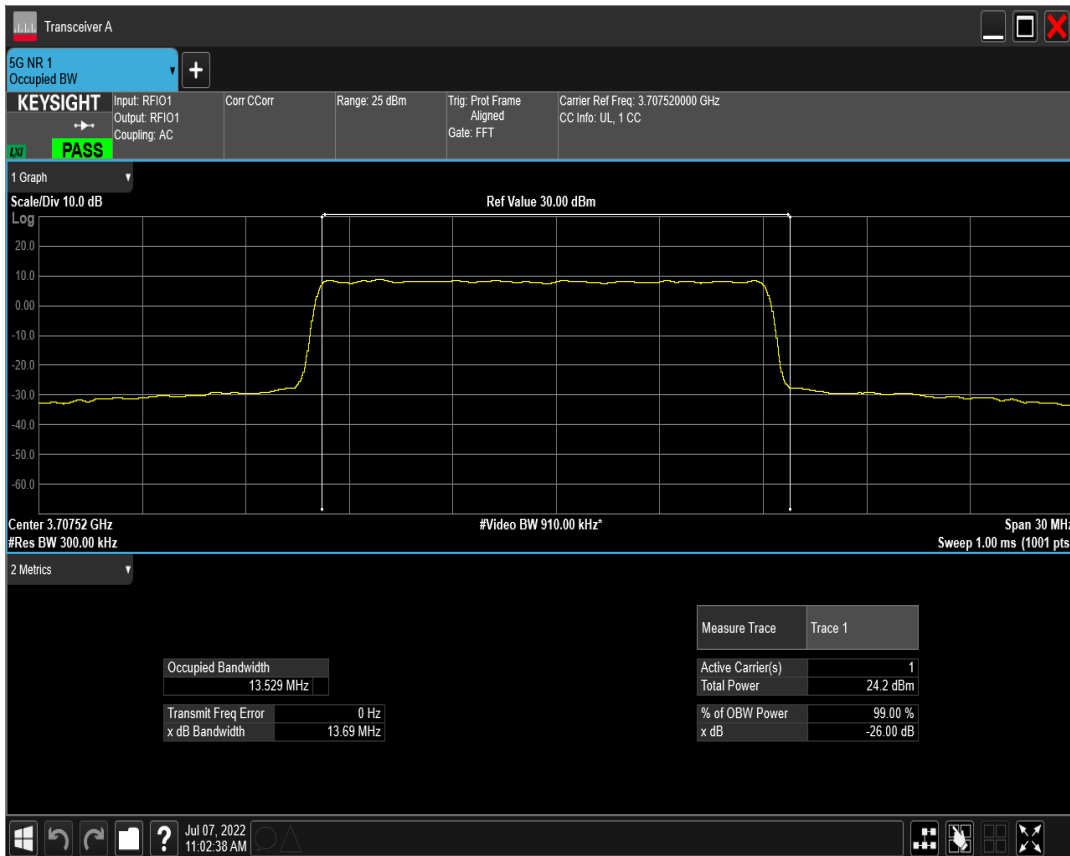
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n77(3700-3980) SCS=30kHz DFT_QPSK BW=15MHz Channel=647168 RB=36@0



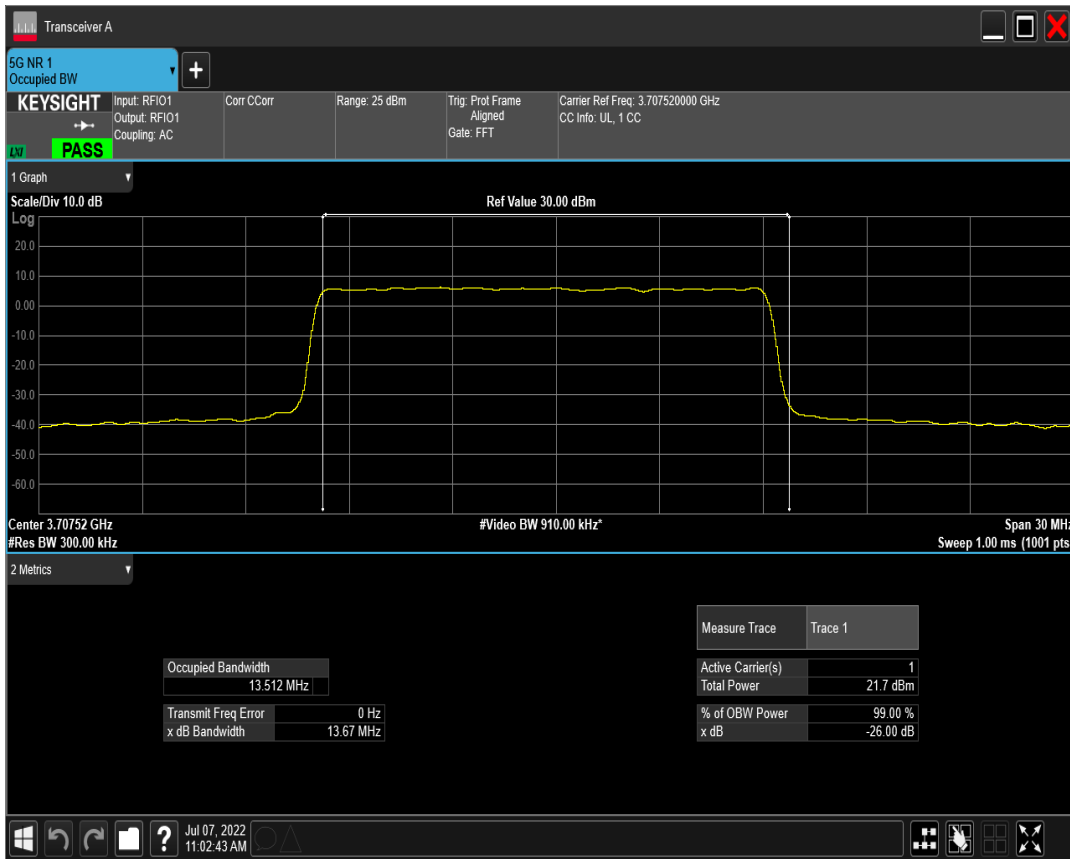
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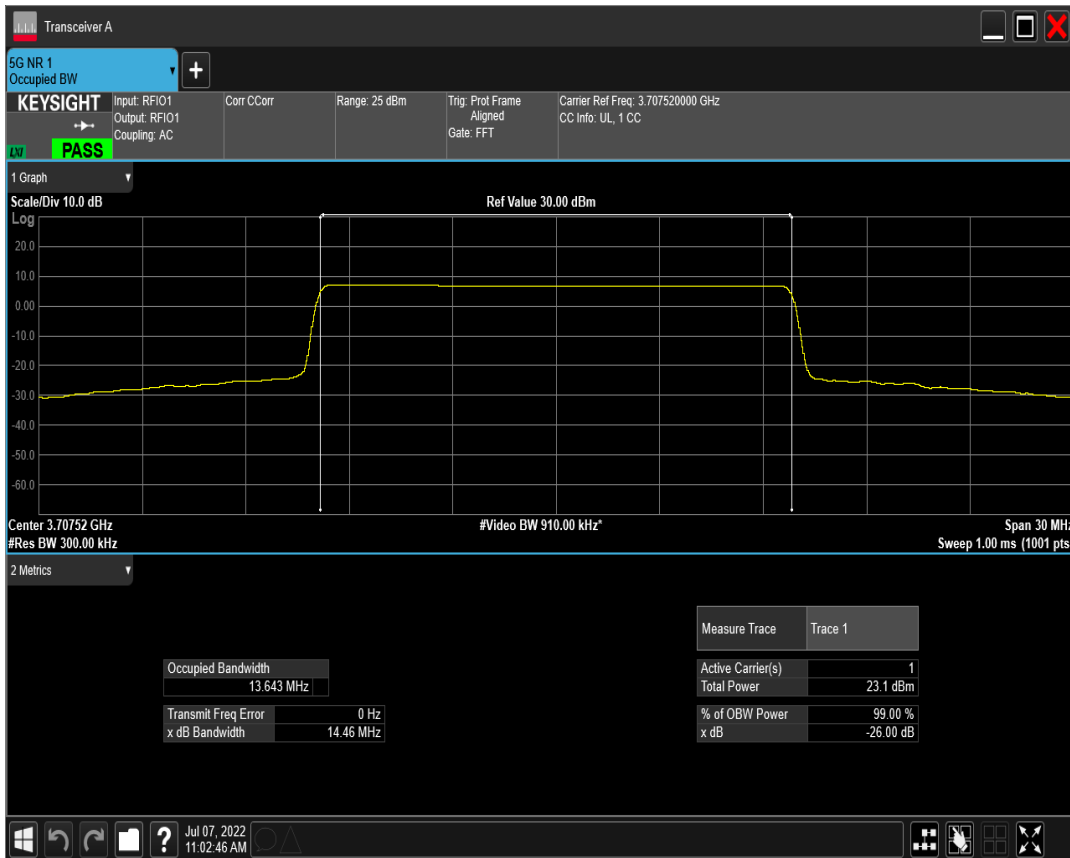
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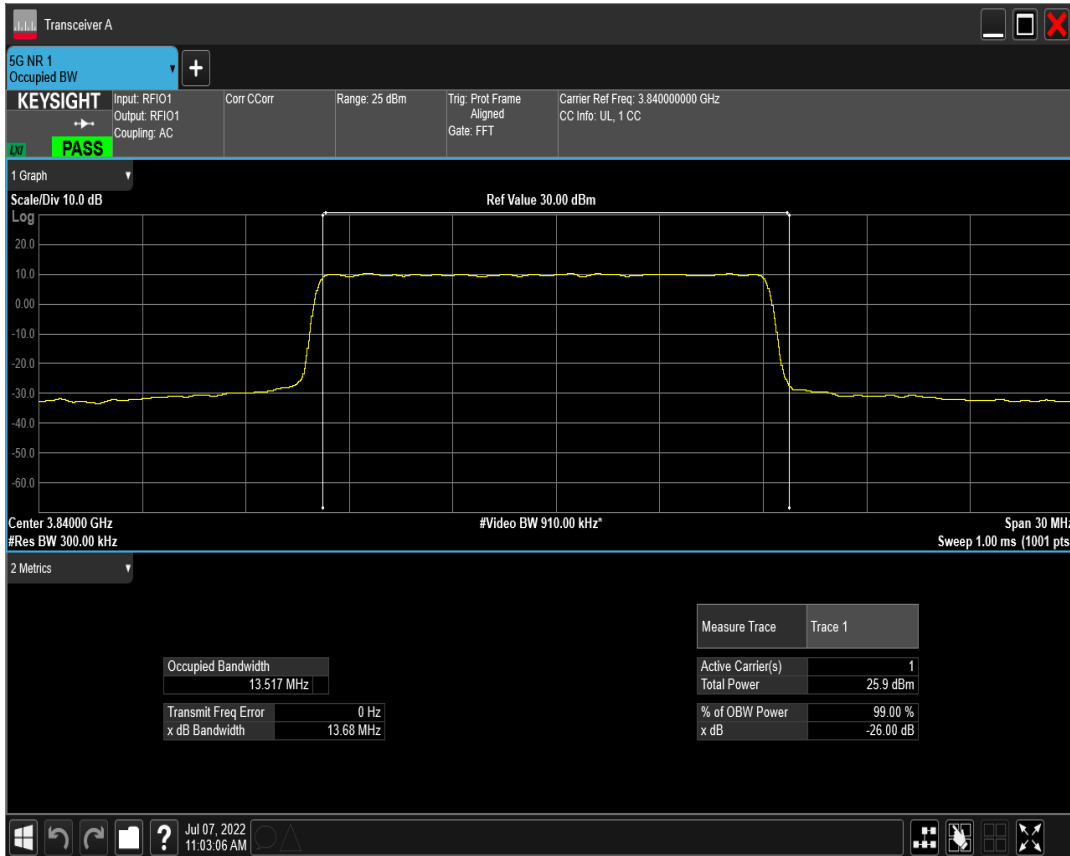
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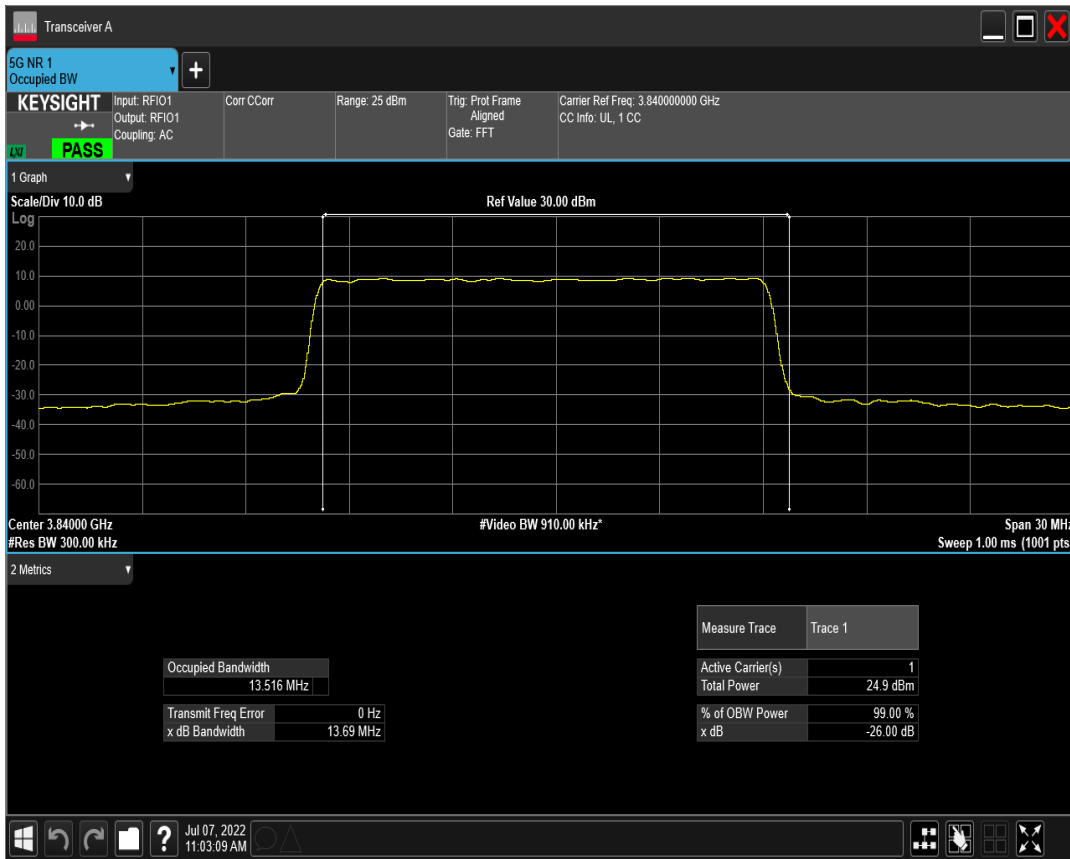
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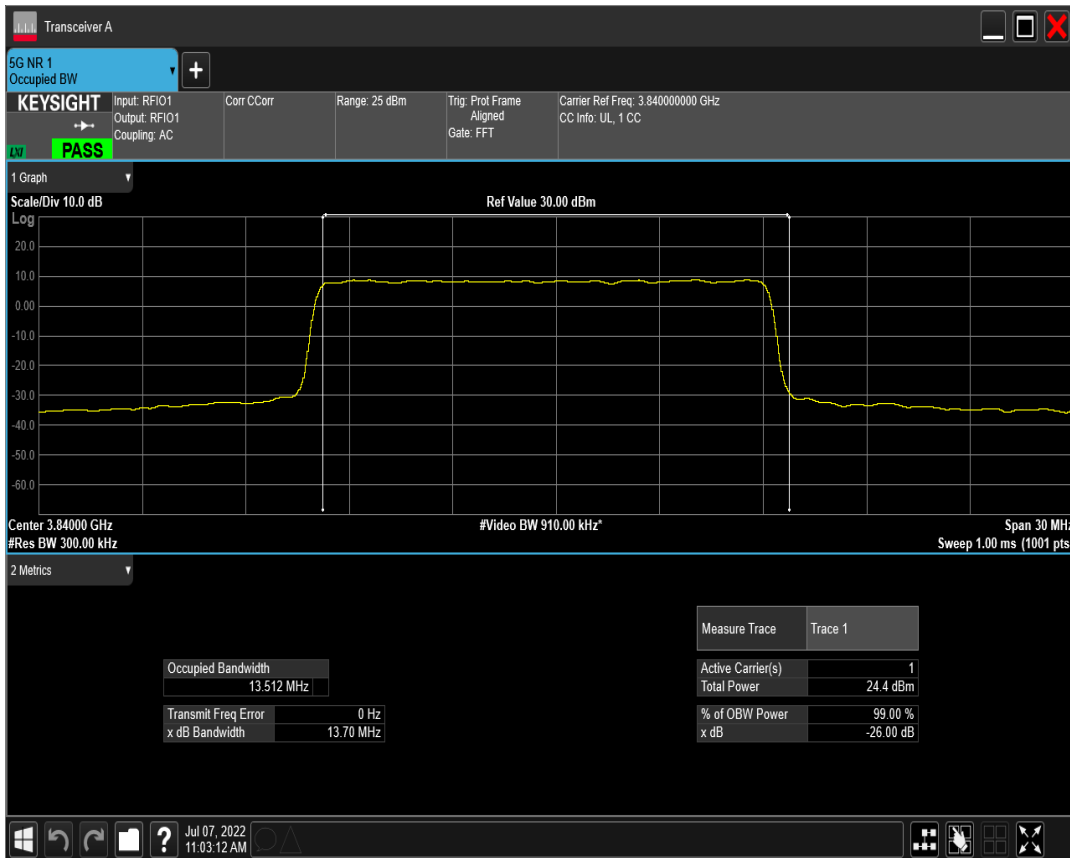
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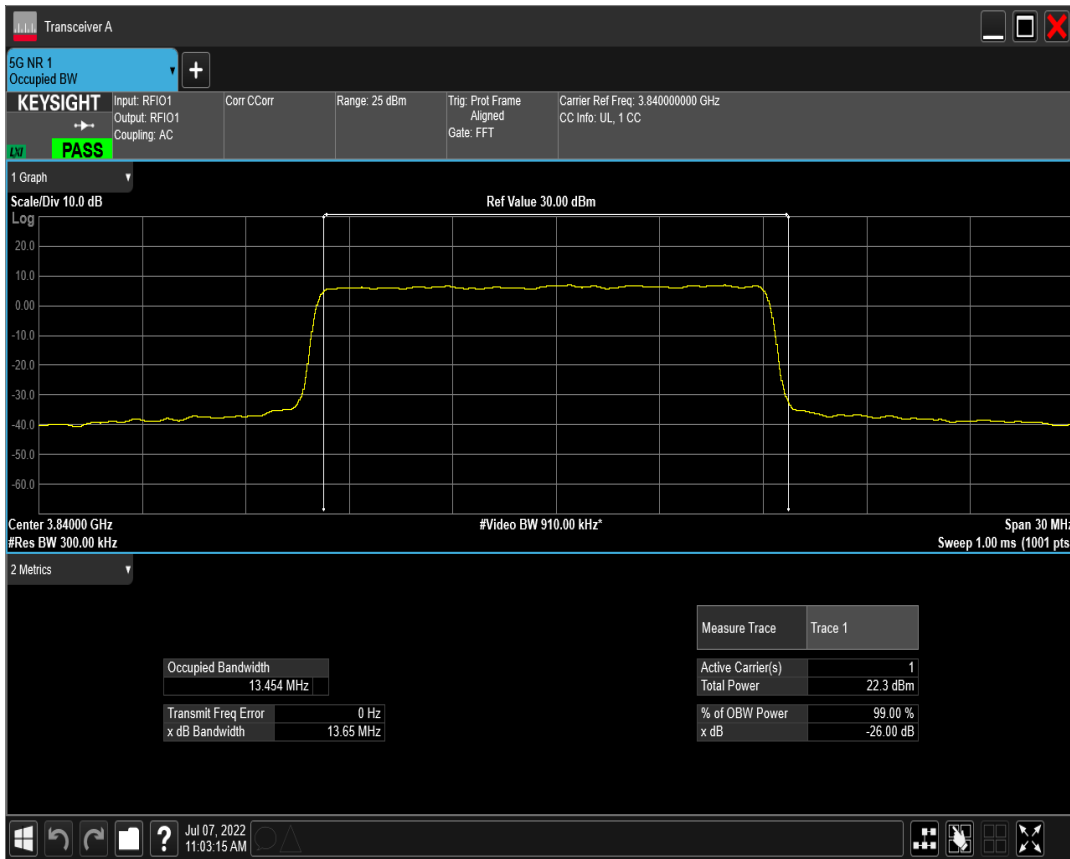
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n77(3700-3980) SCS=30kHz DFT_QAM64 BW=15MHz Channel=656000 RB=36@0



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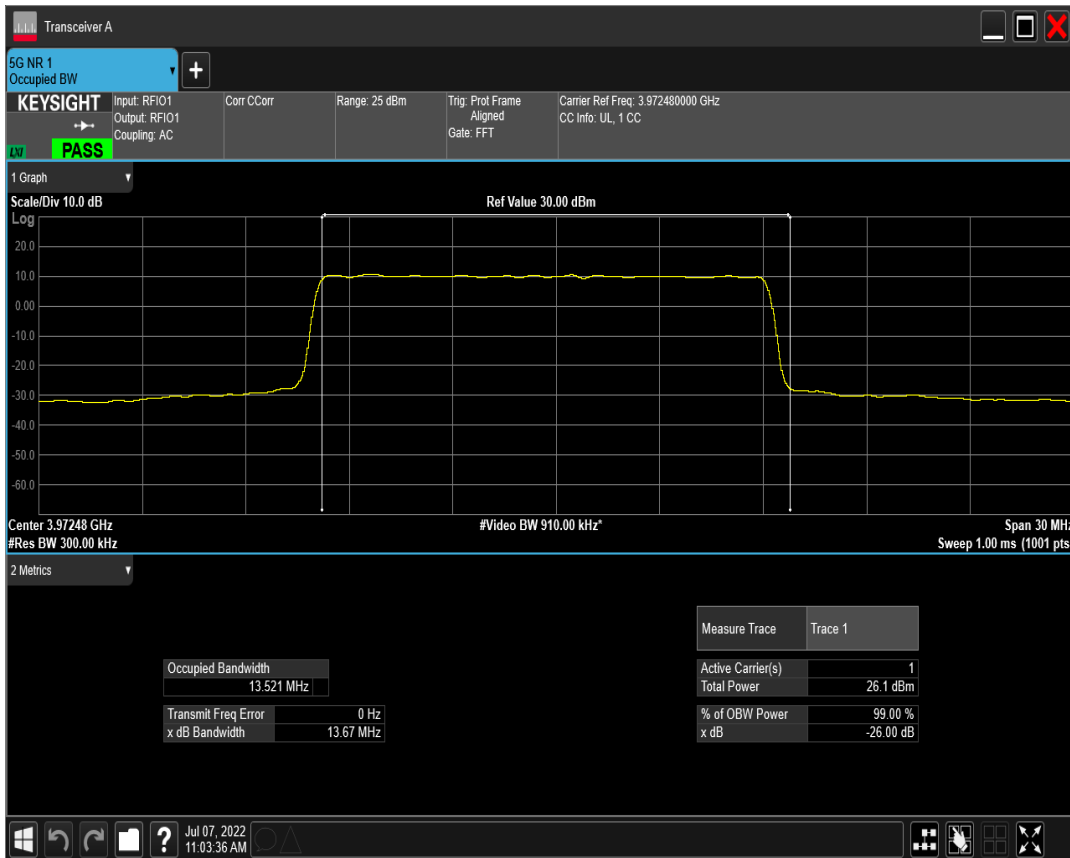
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n77(3700-3980) SCS=30kHz DFT_BPSK BW=15MHz Channel=664832 RB=36@0



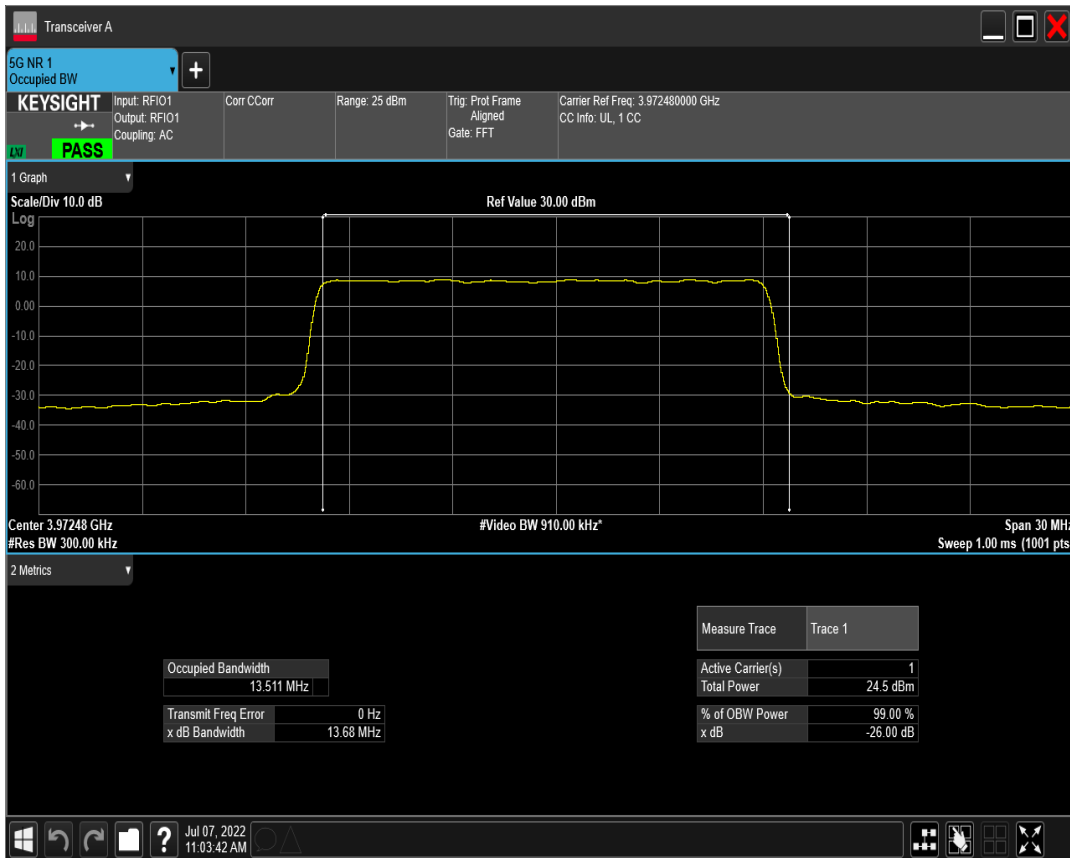
n77(3700-3980) SCS=30kHz DFT_QPSK BW=15MHz Channel=664832 RB=36@0



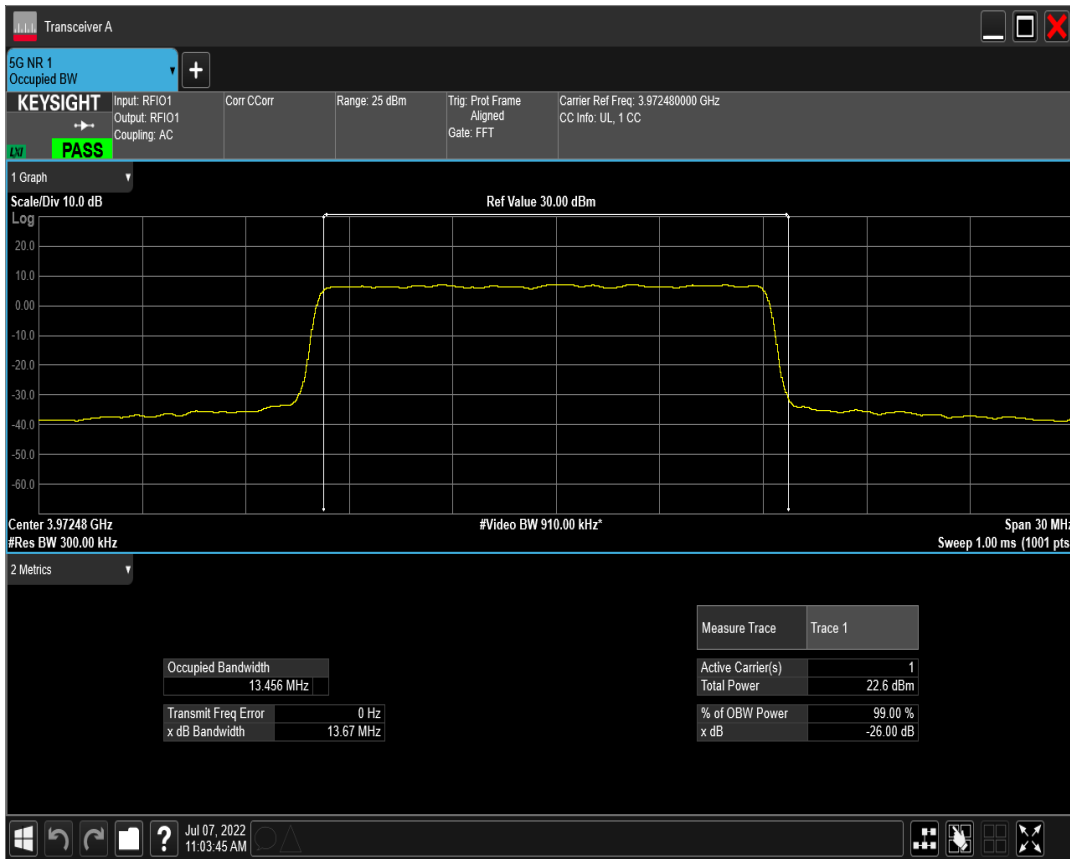
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=15MHz Channel=664832 RB=36@0



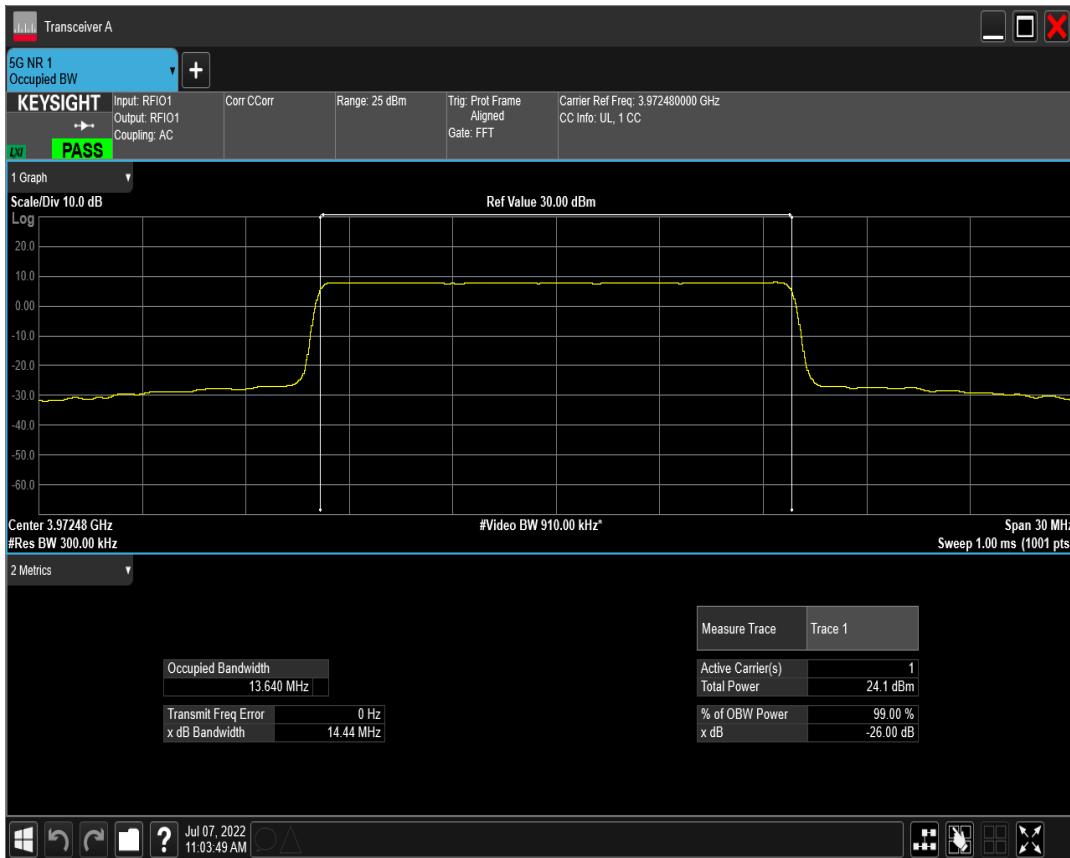
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=15MHz Channel=664832 RB=36@0



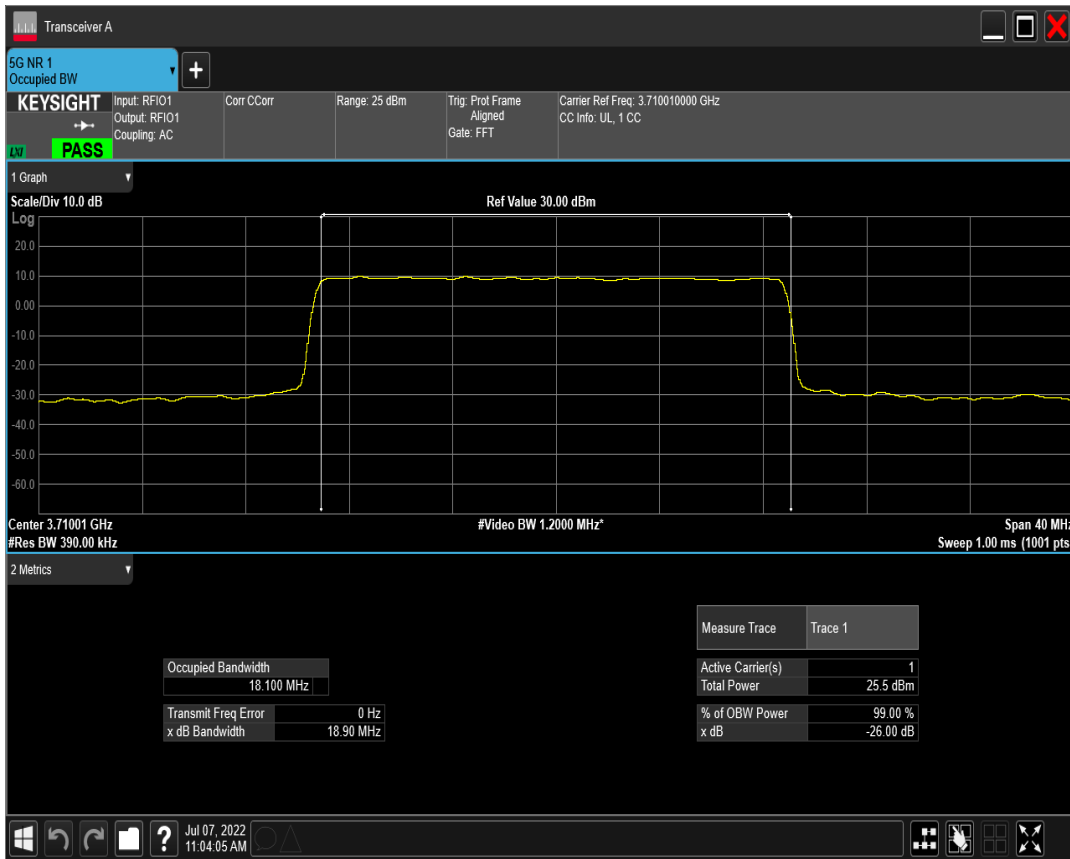
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=15MHz Channel=664832 RB=36@0



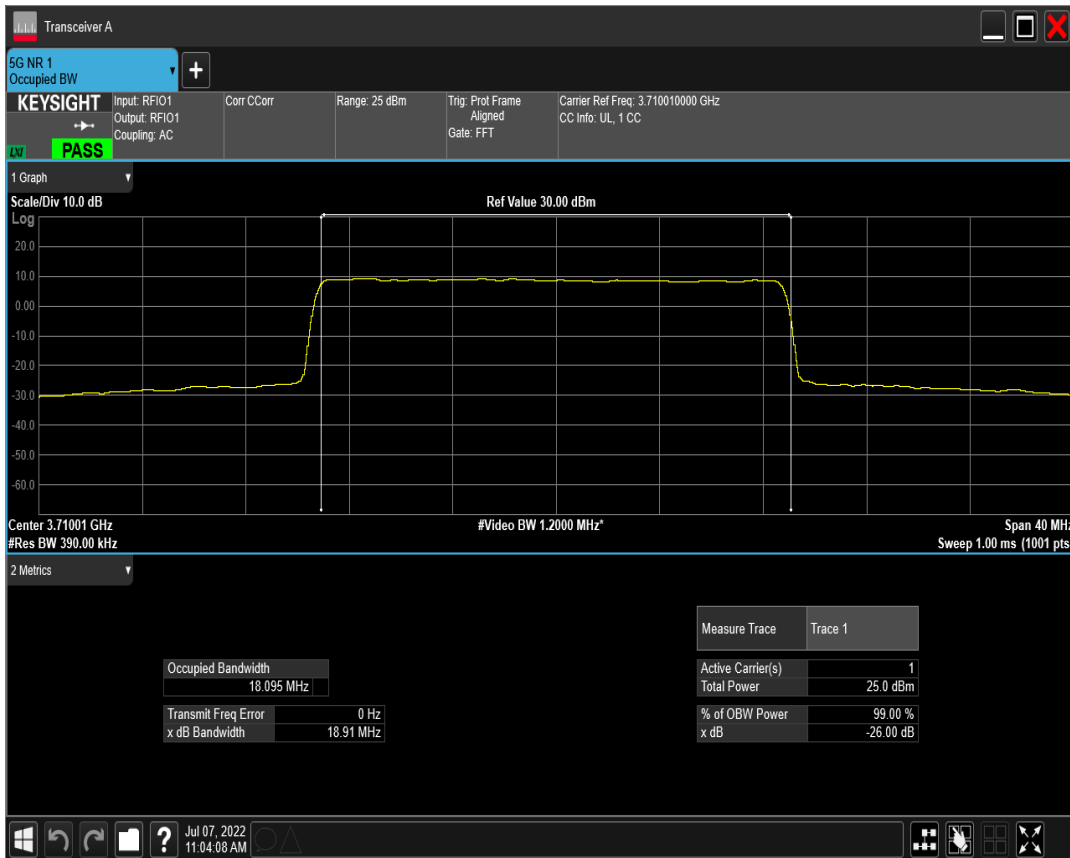
n77(3700-3980) SCS=30kHz CP_QPSK BW=15MHz Channel=664832 RB=38@0



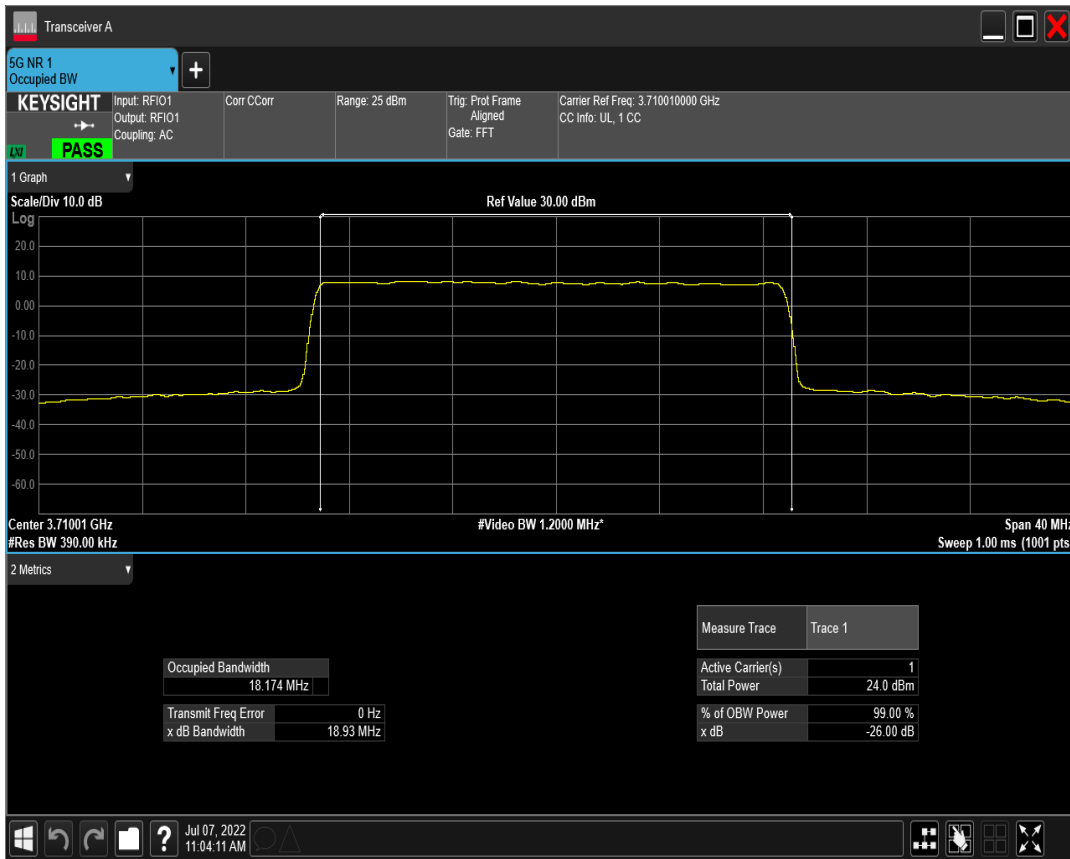
n77(3700-3980) SCS=30kHz DFT_BPSK BW=20MHz Channel=647334 RB=50@0



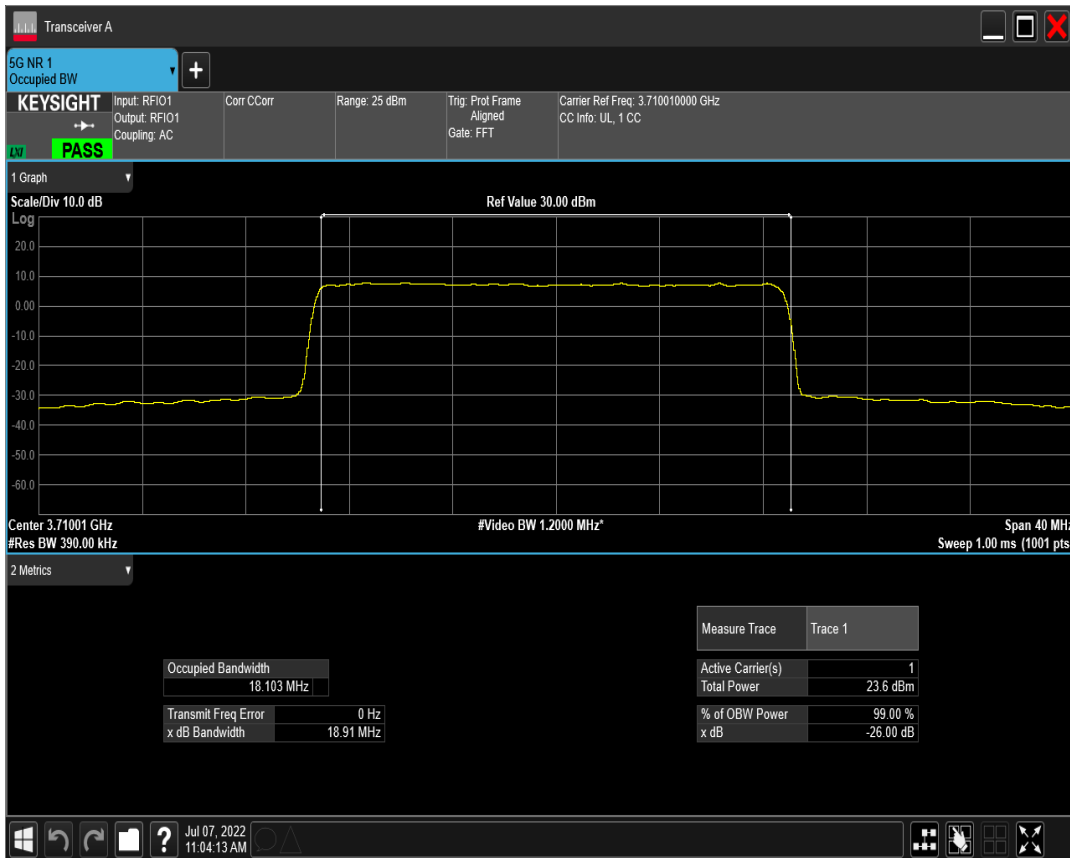
n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz Channel=647334 RB=50@0



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



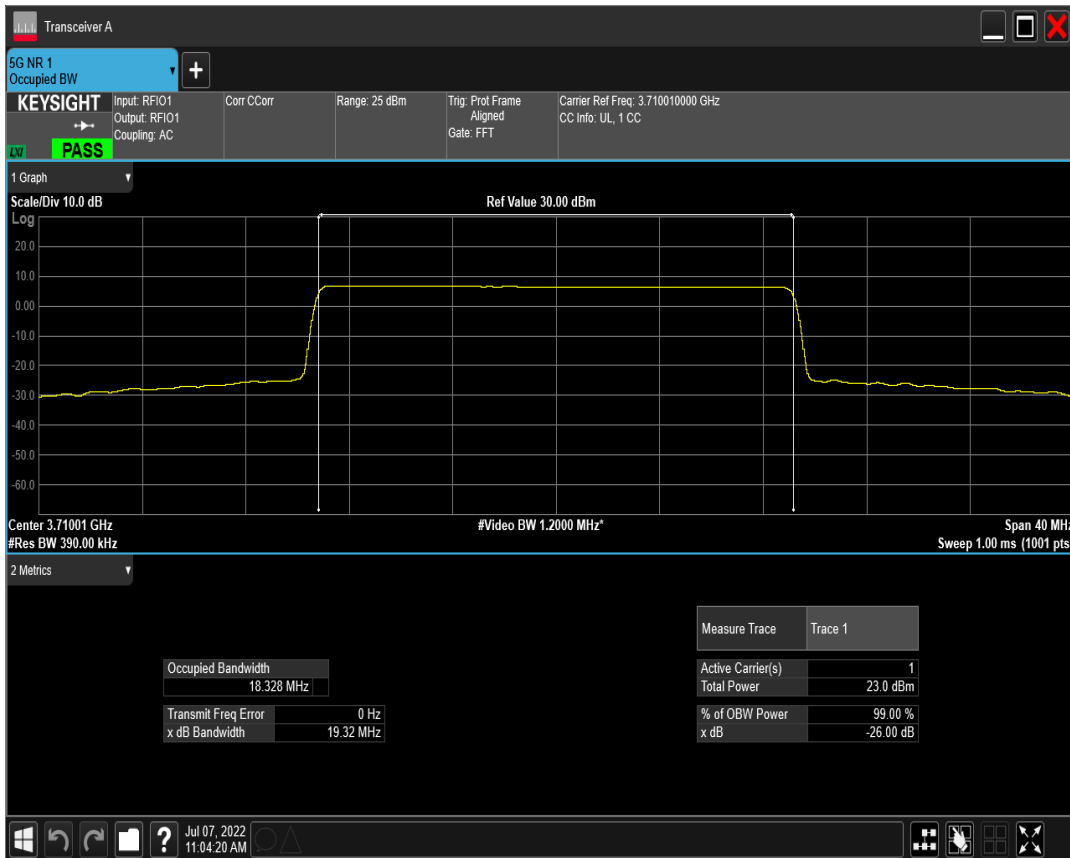
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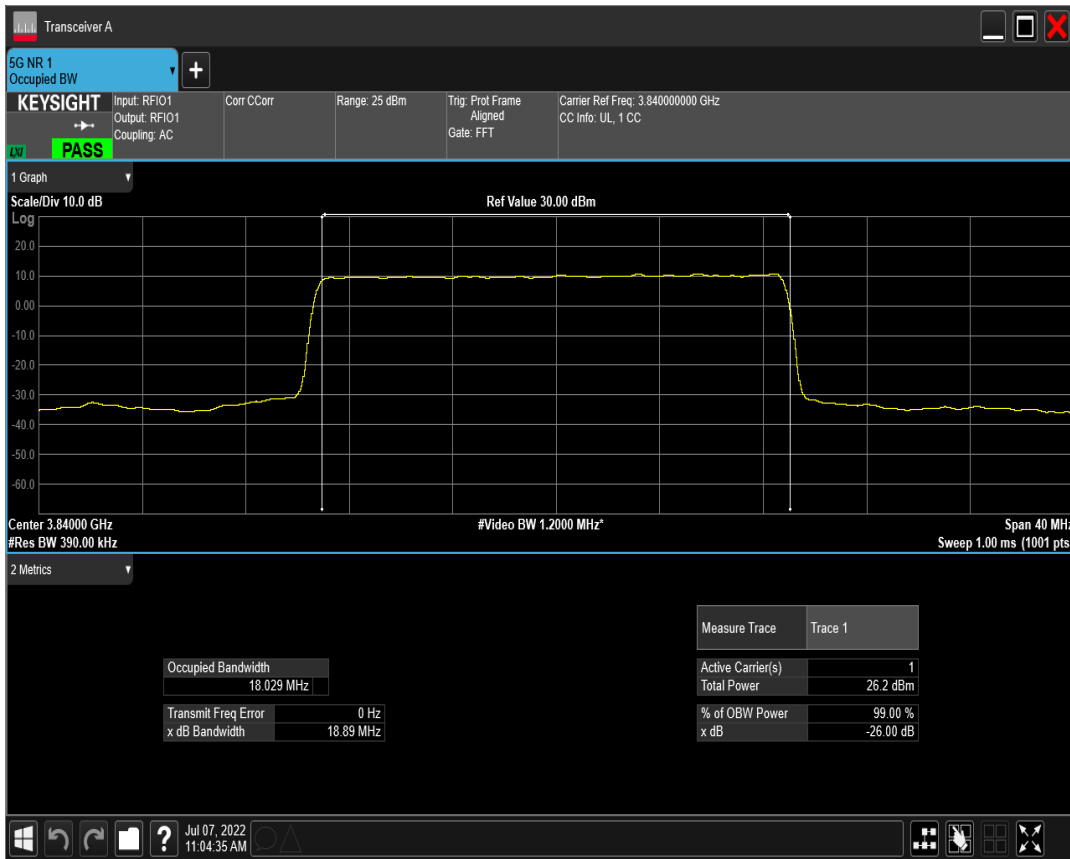
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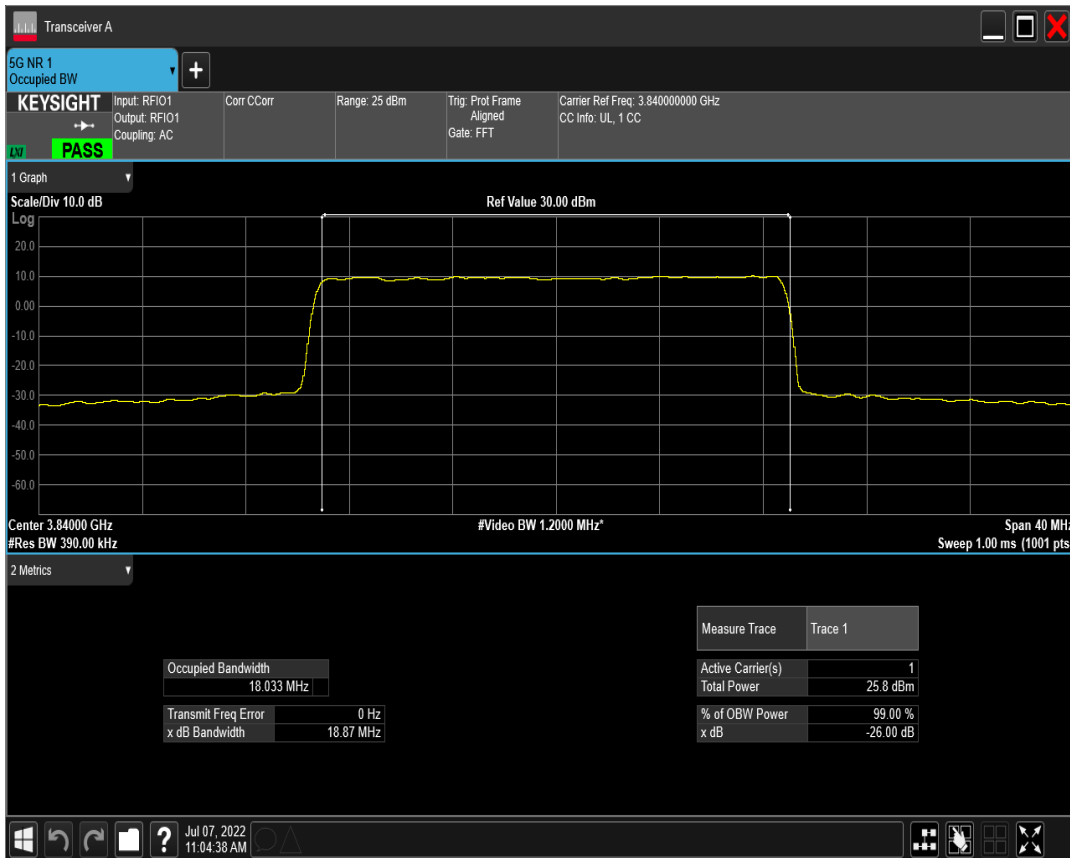
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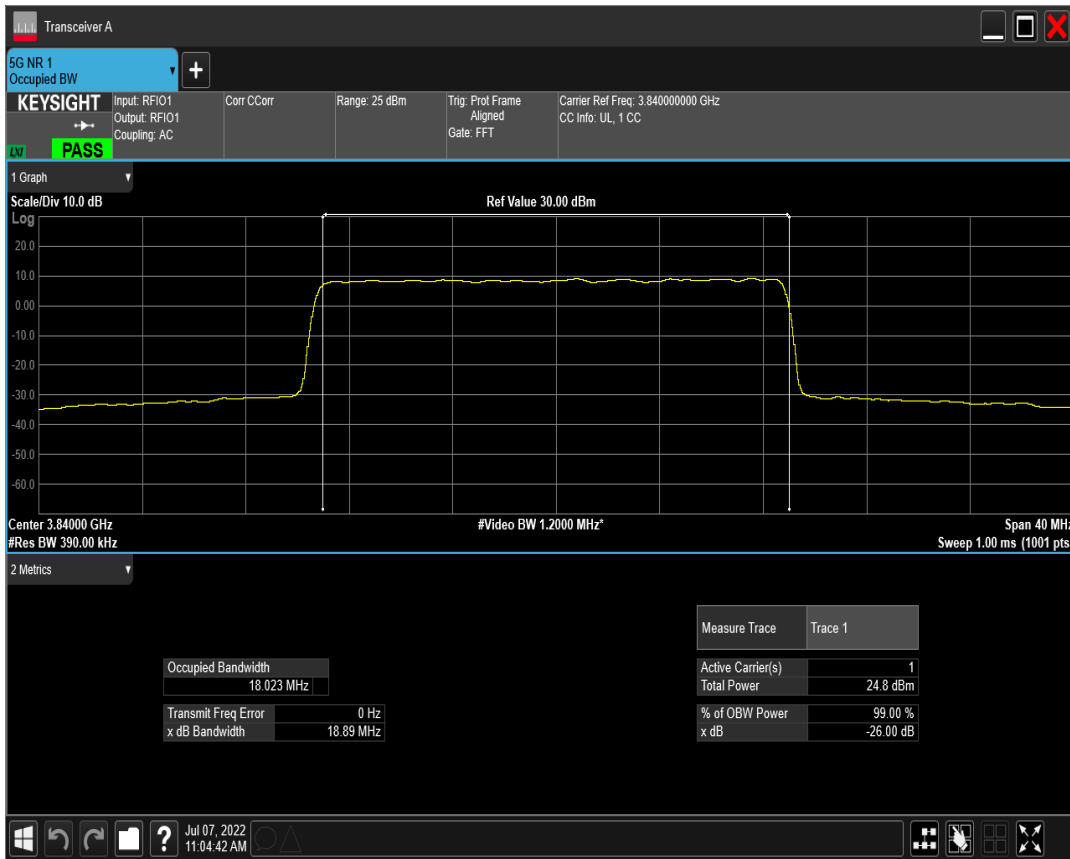
n77(3700-3980) SCS=30kHz DFT_BPSK BW=20MHz Channel=656000 RB=50@0



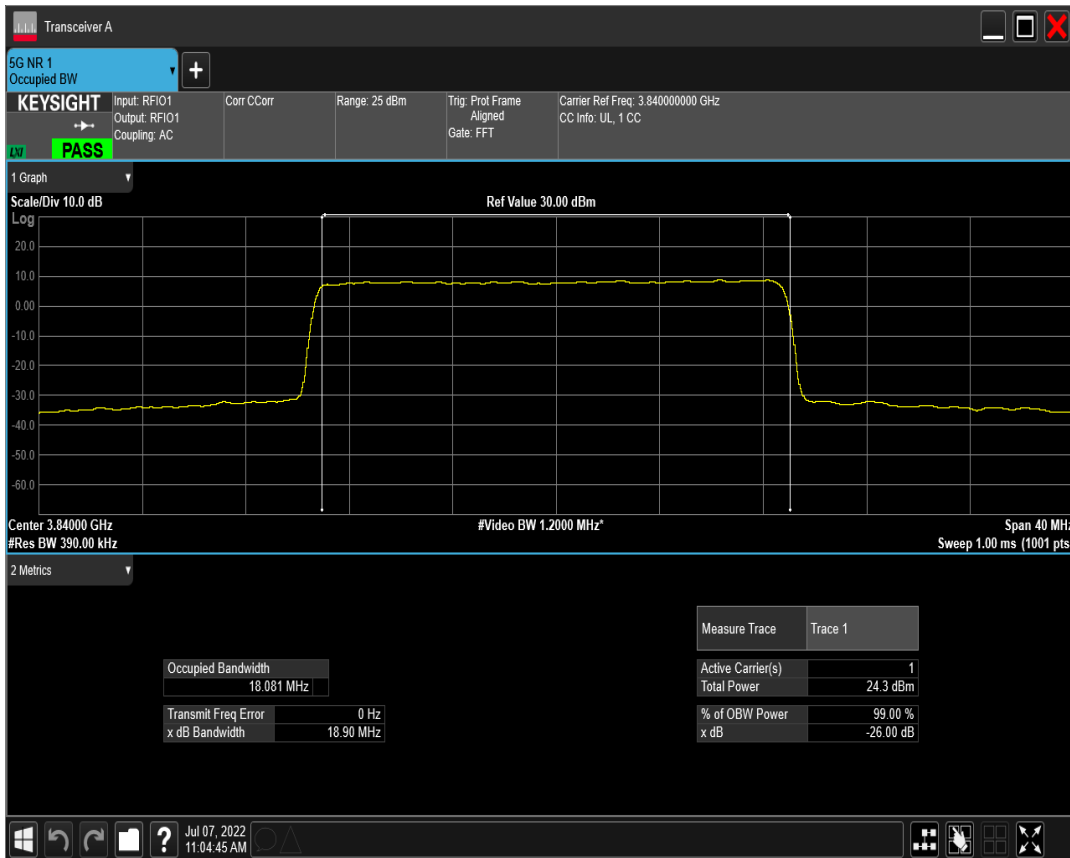
n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz Channel=656000 RB=50@0



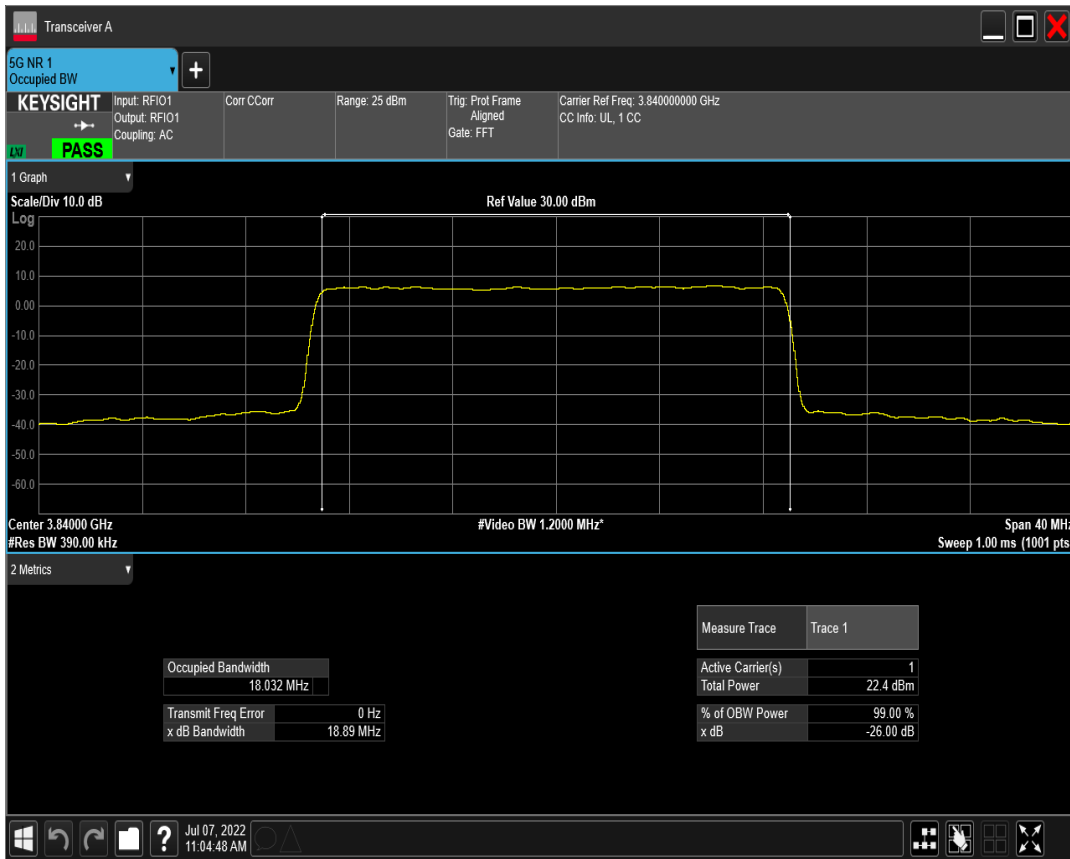
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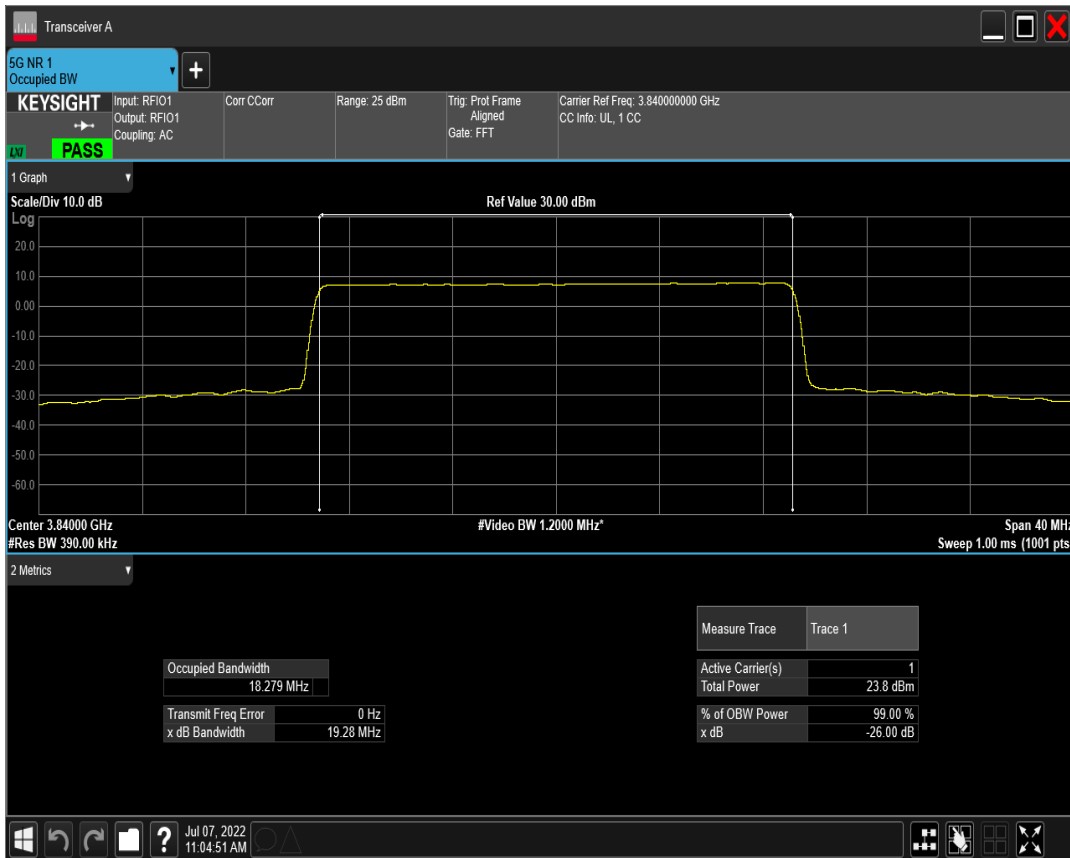
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=20MHz Channel=656000 RB=50@0



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



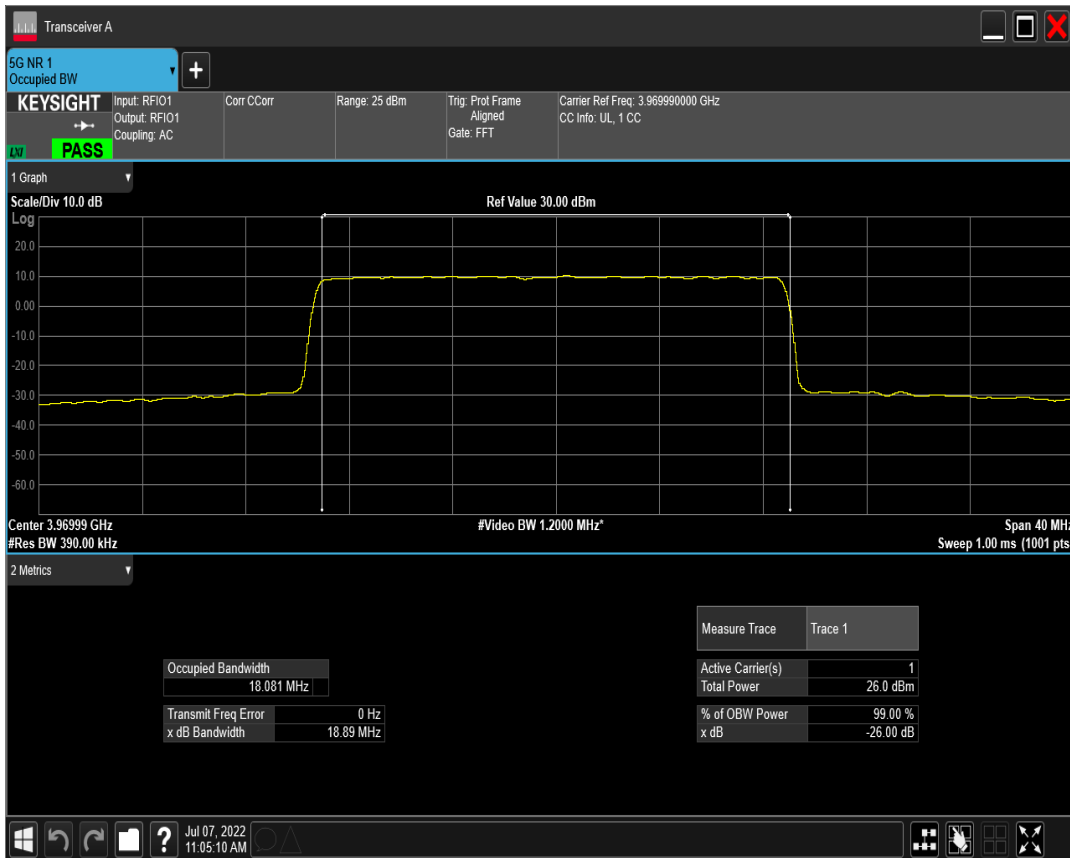
n77(3700-3980) SCS=30kHz CP_QPSK BW=20MHz Channel=656000 RB=51@0



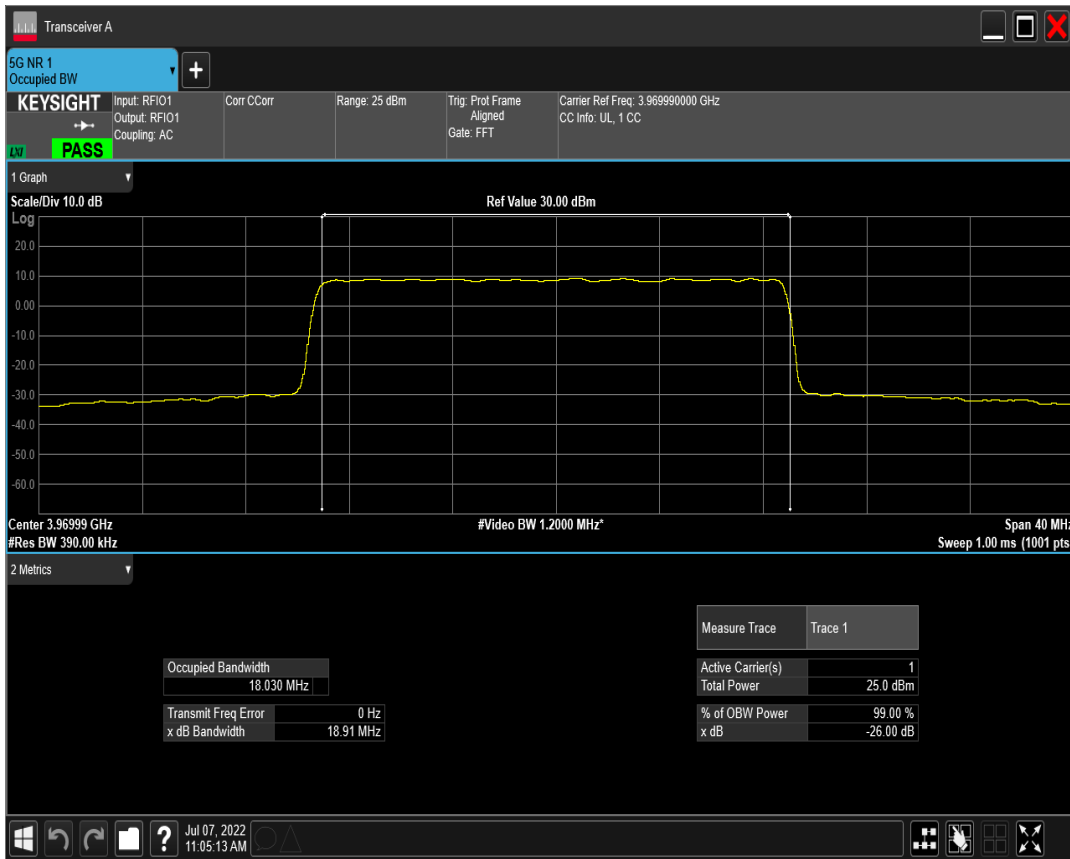
n77(3700-3980) SCS=30kHz DFT_BPSK BW=20MHz Channel=664666 RB=50@0



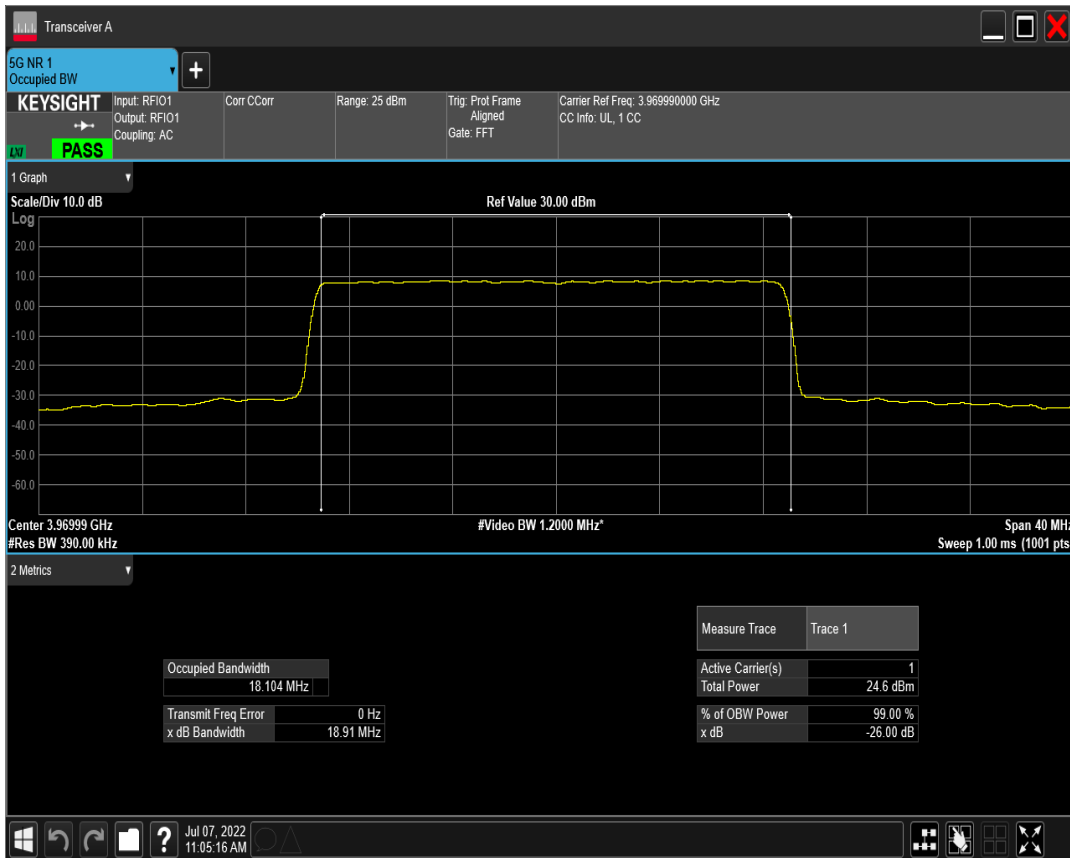
n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz Channel=664666 RB=50@0



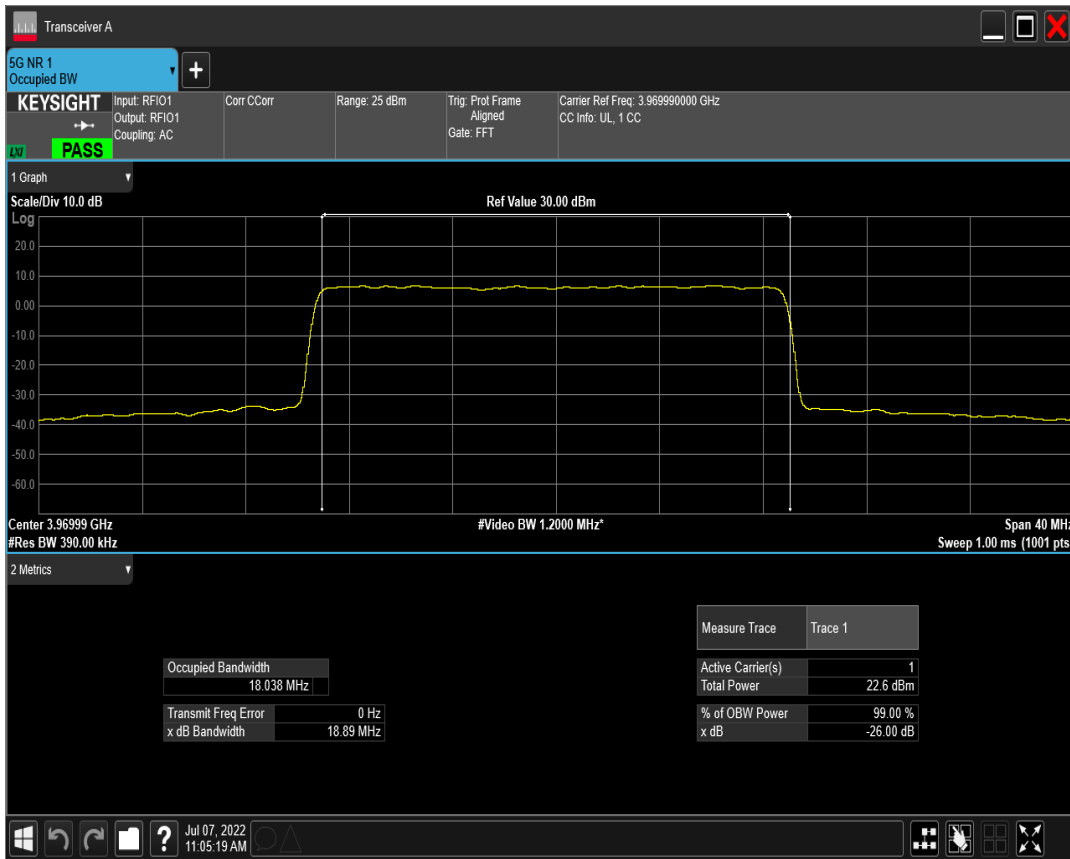
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=20MHz Channel=664666 RB=50@0



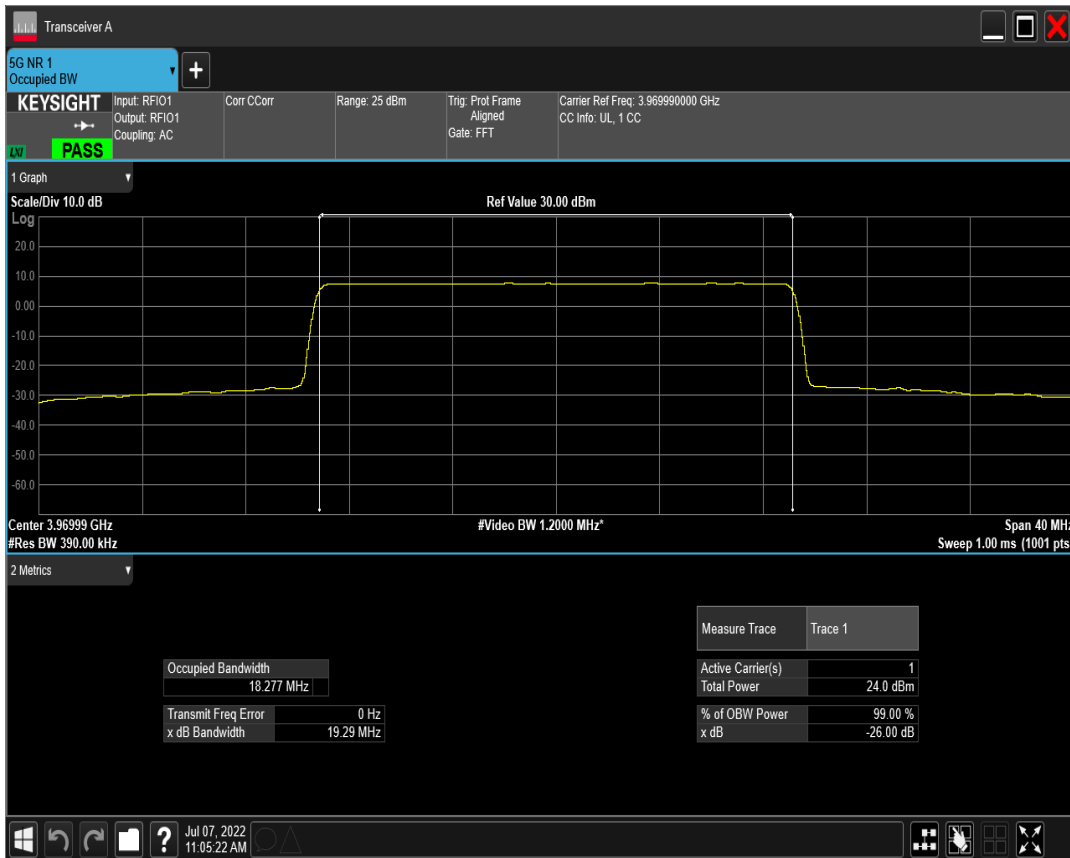
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=20MHz Channel=664666 RB=50@0



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



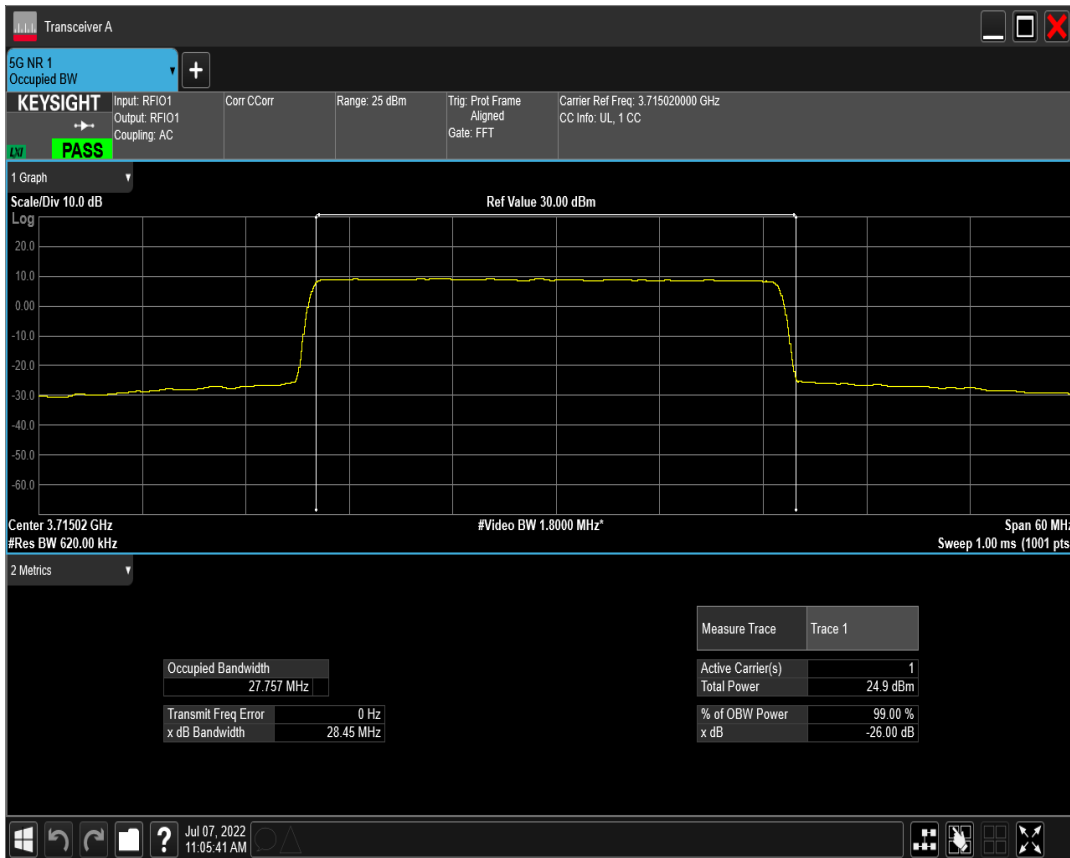
n77(3700-3980) SCS=30kHz CP_QPSK BW=20MHz Channel=664666 RB=51@0



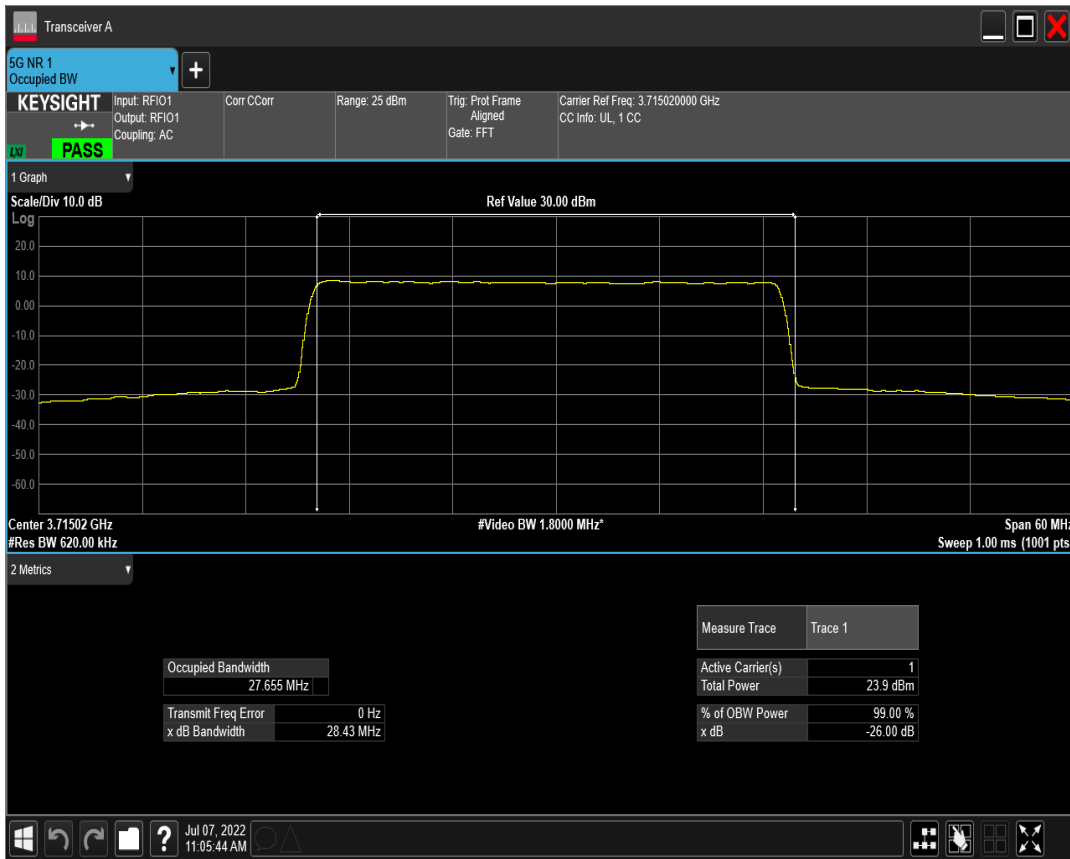
n77(3700-3980) SCS=30kHz DFT_BPSK BW=30MHz Channel=647668 RB=75@0



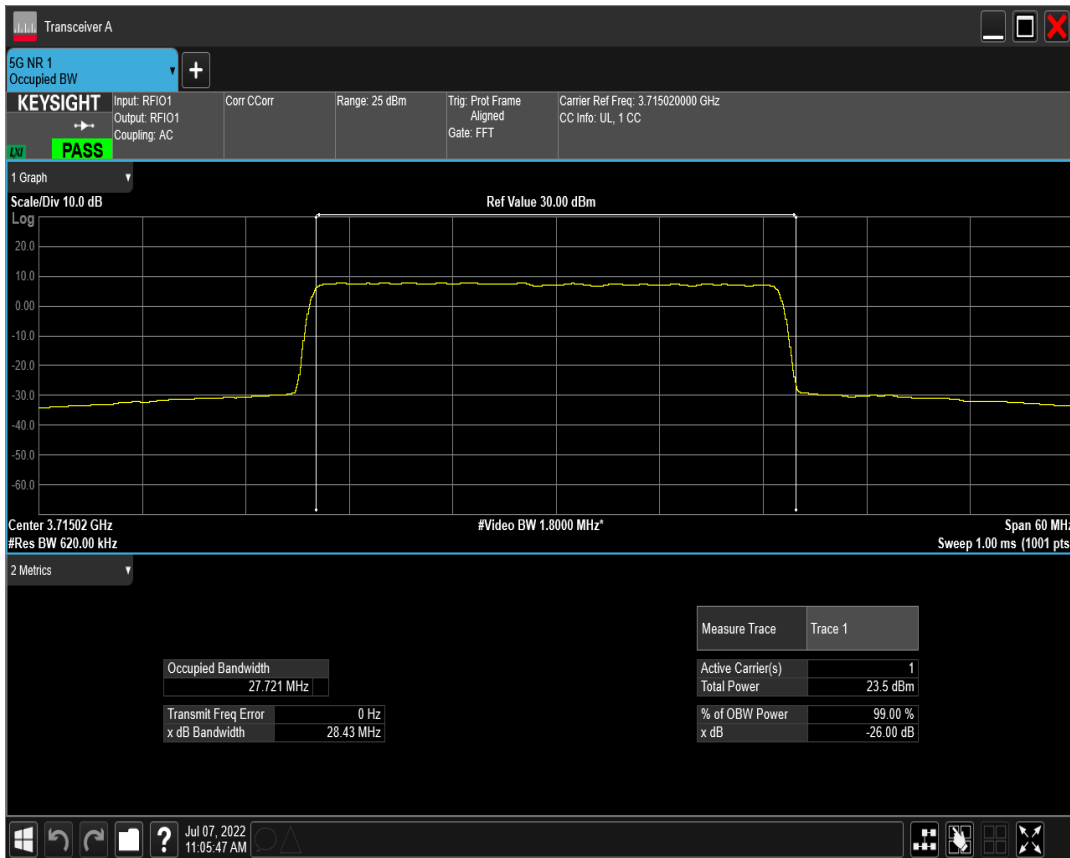
n77(3700-3980) SCS=30kHz DFT_QPSK BW=30MHz Channel=647668 RB=75@0



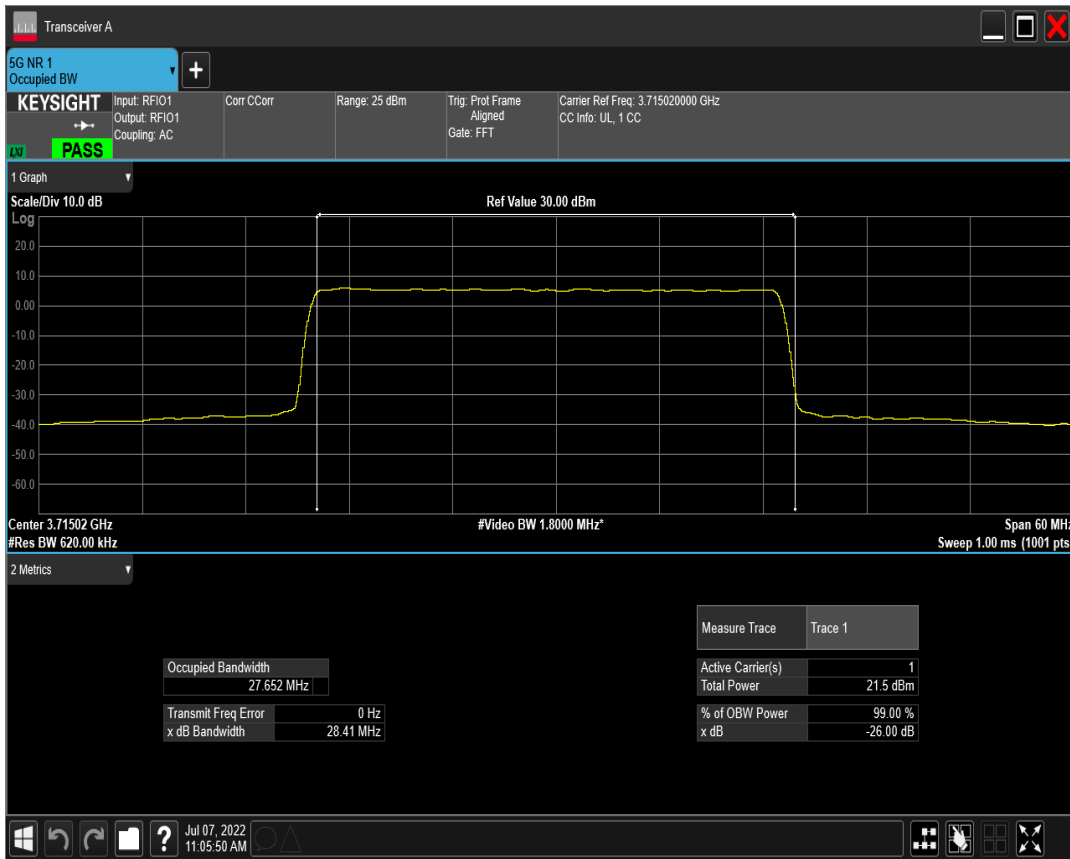
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=30MHz Channel=647668 RB=75 @0



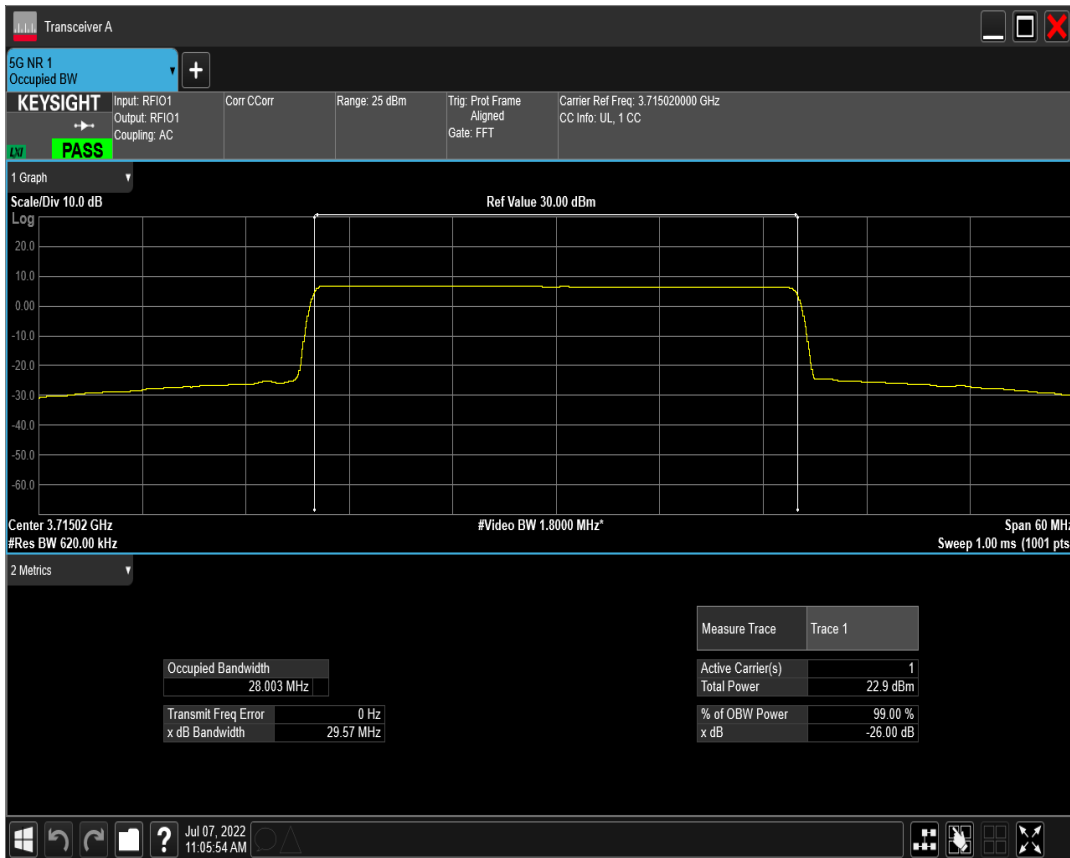
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=30MHz Channel=647668 RB=75 @0



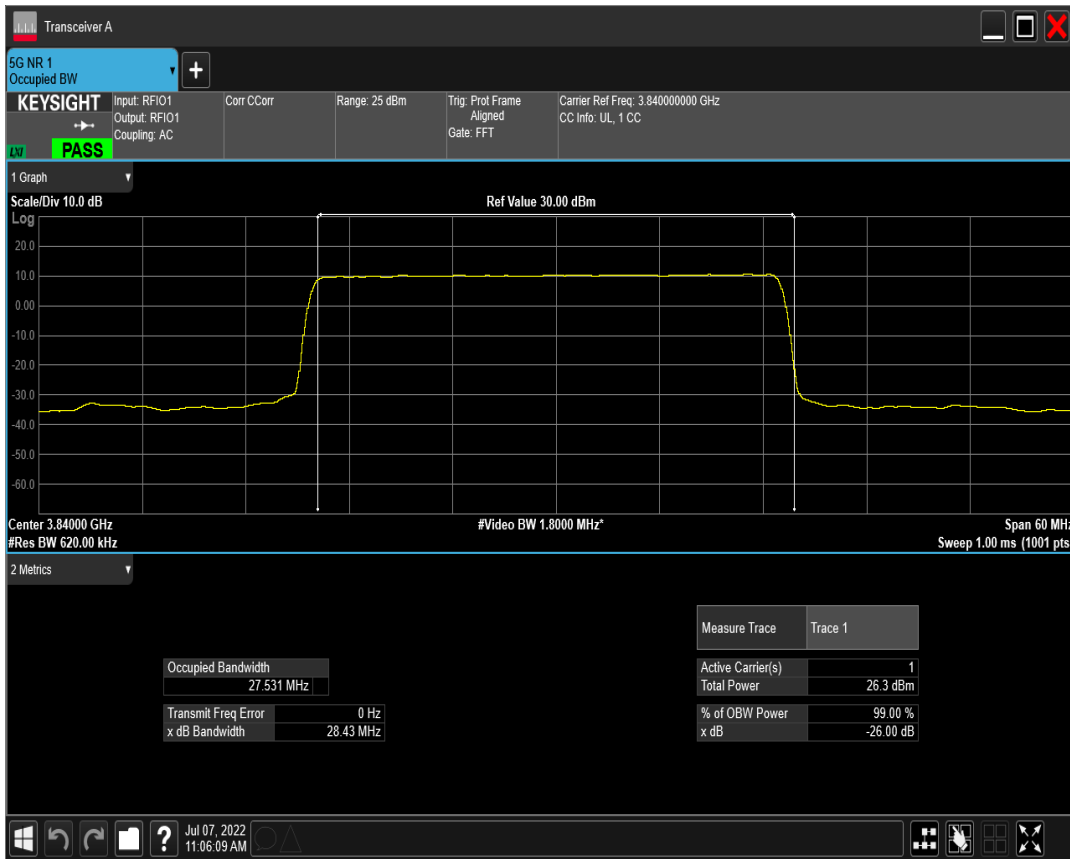
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=30MHz Channel=647668 RB=75@0



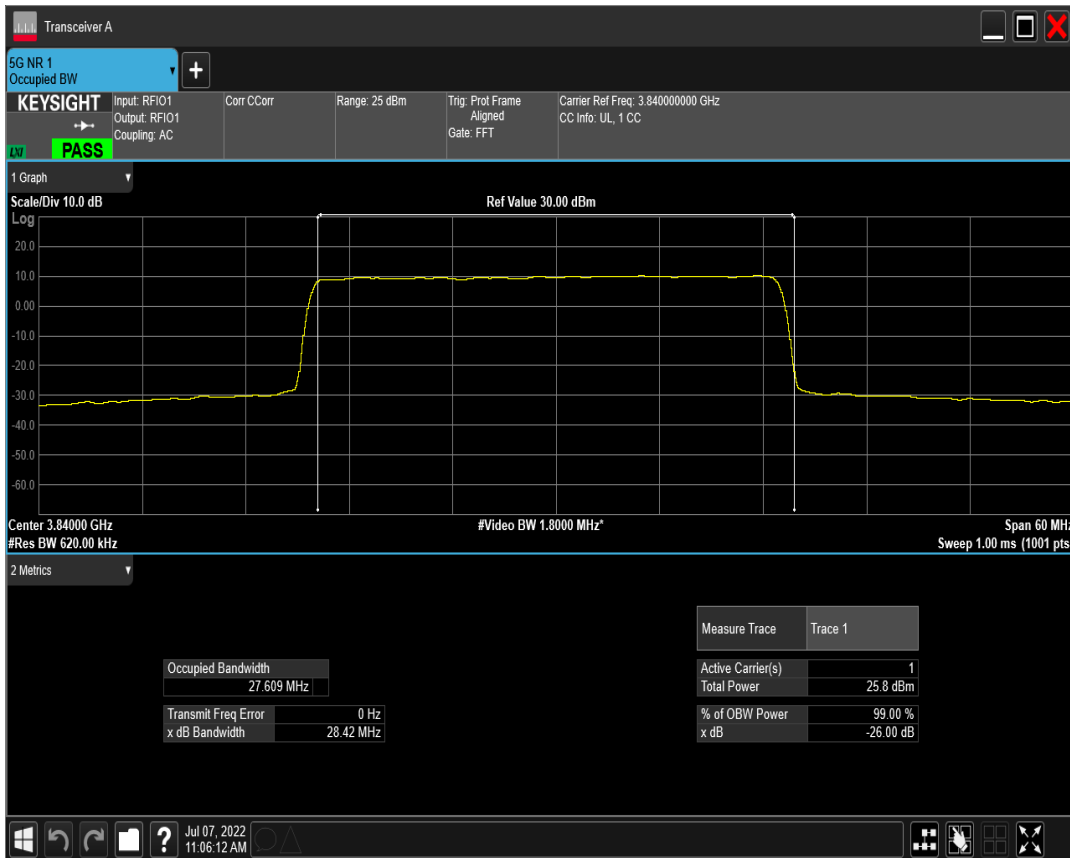
n77(3700-3980) SCS=30kHz CP_QPSK BW=30MHz Channel=647668 RB=78@0



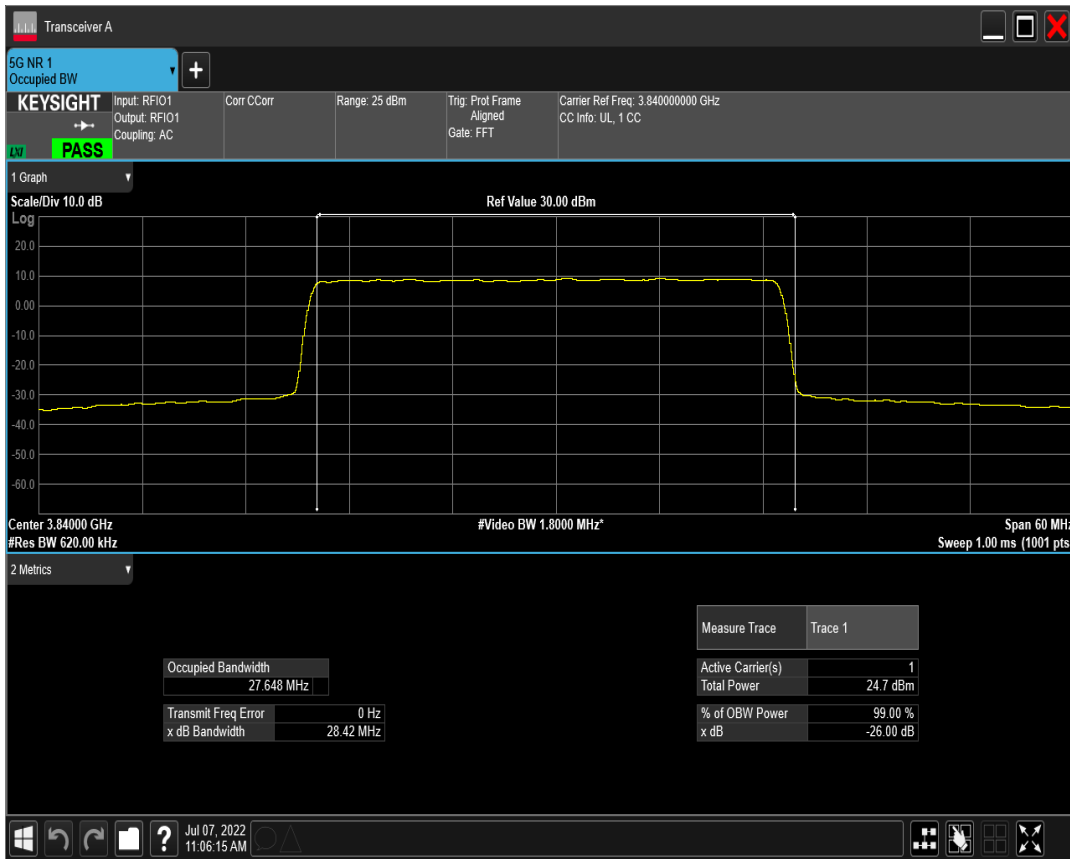
n77(3700-3980) SCS=30kHz DFT_BPSK BW=30MHz Channel=656000 RB=75@0



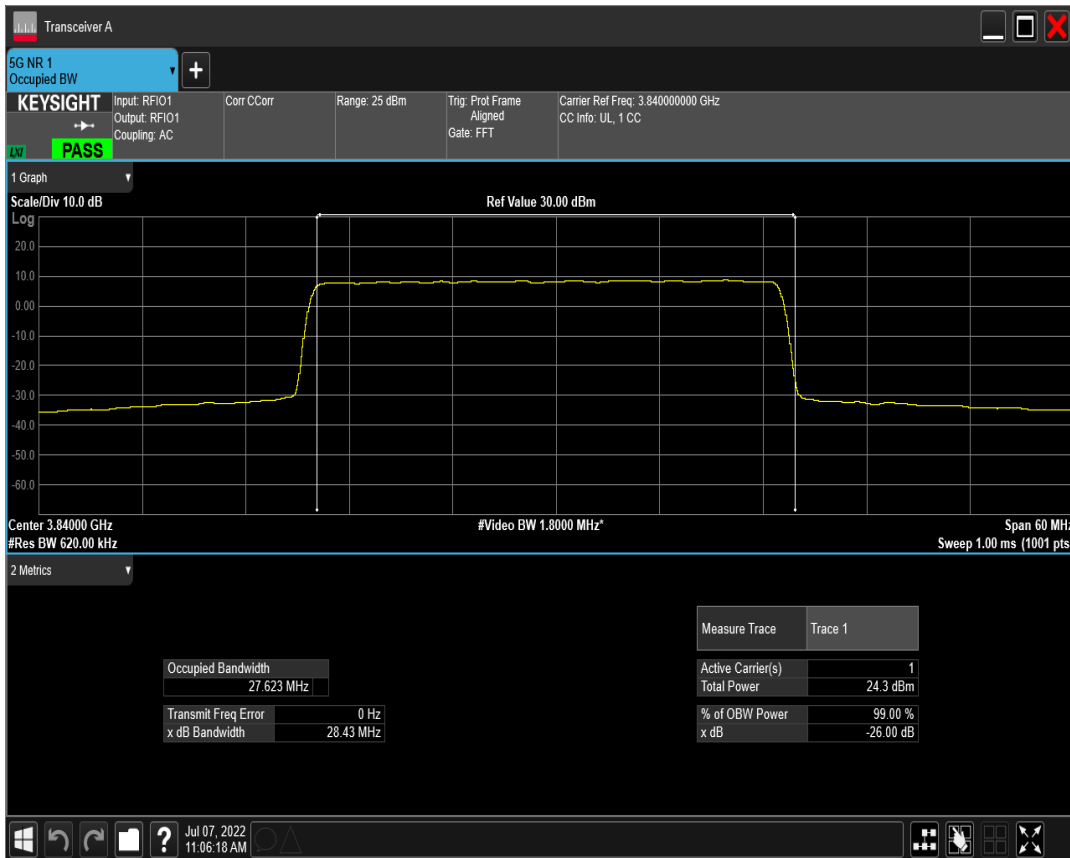
n77(3700-3980) SCS=30kHz DFT_QPSK BW=30MHz Channel=656000 RB=75@0



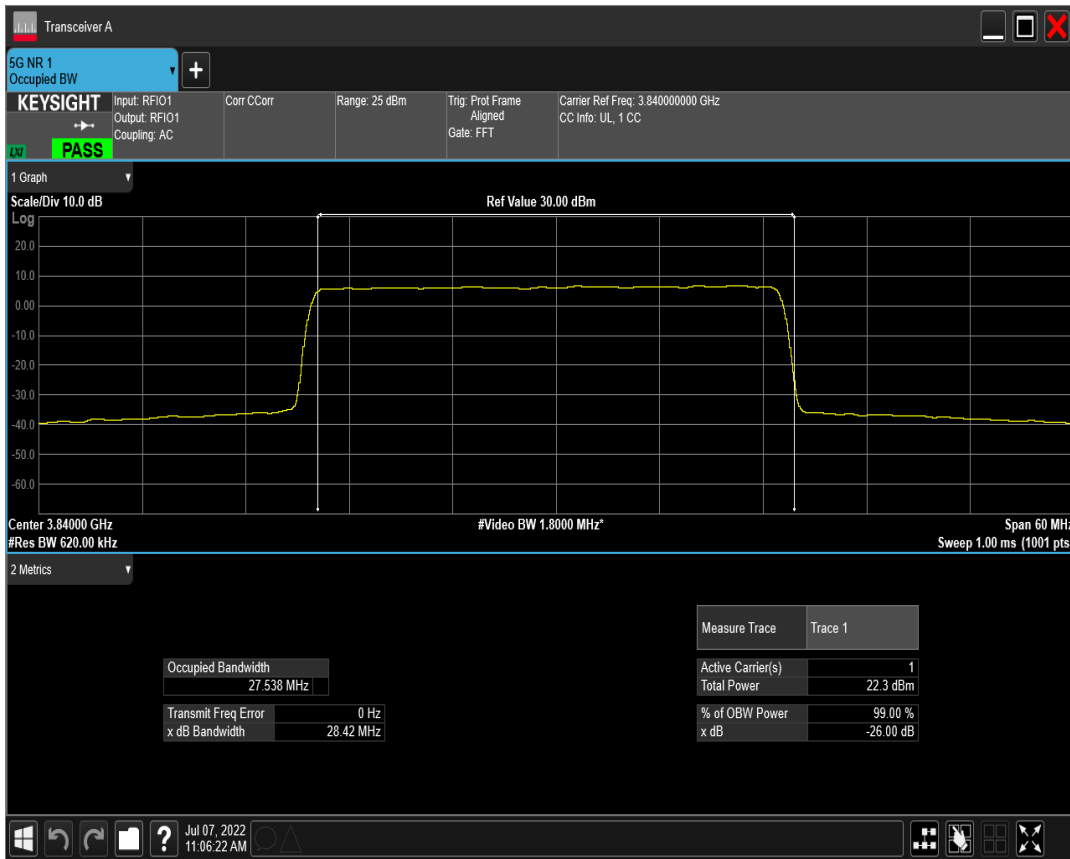
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=30MHz Channel=656000 RB=75 @0



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

