

1 Conducted output power for NR FR1

| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Power (dBm) | Unflip EIRP (dBm) | Flip EIRP (dBm) | EIRP Limit (dBm) | Verdict |
|----------------|-----------|-----------------|------------|---------------|------------|-------------|-------------------|-----------------|------------------|---------|
| n77(3450-3550) | 15 | 10 | 630334 | 25@12 | DFT_BPSK | 25.94 | 24.84 | 25.03 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 630334 | 1@1 | DFT_BPSK | 25.89 | 24.79 | 24.98 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 630334 | 1@50 | DFT_BPSK | 25.96 | 24.86 | 25.05 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 630334 | 25@12 | DFT_QPSK | 26.01 | 24.91 | 25.1 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 630334 | 1@1 | DFT_QPSK | 25.90 | 24.80 | 24.99 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 630334 | 1@50 | DFT_QPSK | 25.79 | 24.69 | 24.88 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 630334 | 25@12 | DFT_QAM16 | 24.96 | 23.86 | 24.05 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 630334 | 1@1 | DFT_QAM16 | 25.32 | 24.22 | 24.41 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 630334 | 1@50 | DFT_QAM16 | 25.10 | 24.00 | 24.19 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 630334 | 25@12 | DFT_QAM64 | 23.46 | 22.36 | 22.55 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 630334 | 1@1 | DFT_QAM64 | 23.52 | 22.42 | 22.61 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 630334 | 1@50 | DFT_QAM64 | 23.40 | 22.30 | 22.49 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 630334 | 25@12 | DFT_QAM256 | 21.54 | 20.44 | 20.63 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 630334 | 1@1 | DFT_QAM256 | 21.79 | 20.69 | 20.88 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 630334 | 1@50 | DFT_QAM256 | 21.64 | 20.54 | 20.73 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 630334 | 26@13 | CP_QPSK | 24.48 | 23.38 | 23.57 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 630334 | 1@1 | CP_QPSK | 24.43 | 23.33 | 23.52 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 630334 | 1@50 | CP_QPSK | 24.35 | 23.25 | 23.44 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 630334 | 26@13 | CP_QAM16 | 24.06 | 22.96 | 23.15 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 630334 | 1@1 | CP_QAM16 | 24.15 | 23.05 | 23.24 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 630334 | 1@50 | CP_QAM16 | 24.18 | 23.08 | 23.27 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 630334 | 26@13 | CP_QAM64 | 22.55 | 21.45 | 21.64 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 630334 | 1@1 | CP_QAM64 | 22.40 | 21.30 | 21.49 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 630334 | 1@50 | CP_QAM64 | 22.40 | 21.30 | 21.49 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 630334 | 26@13 | CP_QAM256 | 19.71 | 18.61 | 18.8 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 630334 | 1@1 | CP_QAM256 | 19.80 | 18.70 | 18.89 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 630334 | 1@50 | CP_QAM256 | 19.84 | 18.74 | 18.93 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 25@12 | DFT_BPSK | 26.00 | 24.90 | 25.09 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 1@1 | DFT_BPSK | 25.98 | 24.88 | 25.07 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 1@50 | DFT_BPSK | 25.86 | 24.76 | 24.95 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 25@12 | DFT_QPSK | 26.01 | 24.91 | 25.1 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 1@1 | DFT_QPSK | 25.87 | 24.77 | 24.96 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 1@50 | DFT_QPSK | 25.78 | 24.68 | 24.87 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 25@12 | DFT_QAM16 | 25.04 | 23.94 | 24.13 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 1@1 | DFT_QAM16 | 25.13 | 24.03 | 24.22 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 1@50 | DFT_QAM16 | 25.15 | 24.05 | 24.24 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 25@12 | DFT_QAM64 | 23.52 | 22.42 | 22.61 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 1@1 | DFT_QAM64 | 23.50 | 22.40 | 22.59 | 33.01 | PASS |

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|----------------|----|----|--------|-------|------------|-------|-------|-------|-------|------|
| n77(3450-3550) | 15 | 10 | 633334 | 1@50 | DFT_QAM64 | 23.54 | 22.44 | 22.63 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 25@12 | DFT_QAM256 | 21.61 | 20.51 | 20.7 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 1@1 | DFT_QAM256 | 21.69 | 20.59 | 20.78 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 1@50 | DFT_QAM256 | 21.74 | 20.64 | 20.83 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 26@13 | CP_QPSK | 24.43 | 23.33 | 23.52 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 1@1 | CP_QPSK | 24.43 | 23.33 | 23.52 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 1@50 | CP_QPSK | 24.43 | 23.33 | 23.52 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 26@13 | CP_QAM16 | 23.92 | 22.82 | 23.01 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 1@1 | CP_QAM16 | 23.89 | 22.79 | 22.98 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 1@50 | CP_QAM16 | 23.84 | 22.74 | 22.93 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 26@13 | CP_QAM64 | 22.53 | 21.43 | 21.62 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 1@1 | CP_QAM64 | 22.33 | 21.23 | 21.42 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 1@50 | CP_QAM64 | 22.44 | 21.34 | 21.53 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 26@13 | CP_QAM256 | 19.67 | 18.57 | 18.76 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 1@1 | CP_QAM256 | 19.60 | 18.50 | 18.69 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 1@50 | CP_QAM256 | 19.83 | 18.73 | 18.92 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 25@12 | DFT_BPSK | 25.73 | 24.63 | 24.82 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 1@1 | DFT_BPSK | 25.53 | 24.43 | 24.62 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 1@50 | DFT_BPSK | 25.69 | 24.59 | 24.78 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 25@12 | DFT_QPSK | 25.73 | 24.63 | 24.82 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 1@1 | DFT_QPSK | 25.46 | 24.36 | 24.55 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 1@50 | DFT_QPSK | 25.59 | 24.49 | 24.68 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 25@12 | DFT_QAM16 | 24.72 | 23.62 | 23.81 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 1@1 | DFT_QAM16 | 25.02 | 23.92 | 24.11 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 1@50 | DFT_QAM16 | 25.05 | 23.95 | 24.14 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 25@12 | DFT_QAM64 | 23.31 | 22.21 | 22.4 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 1@1 | DFT_QAM64 | 23.21 | 22.11 | 22.3 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 1@50 | DFT_QAM64 | 23.58 | 22.48 | 22.67 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 25@12 | DFT_QAM256 | 21.37 | 20.27 | 20.46 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 1@1 | DFT_QAM256 | 21.66 | 20.56 | 20.75 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 1@50 | DFT_QAM256 | 21.54 | 20.44 | 20.63 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 26@13 | CP_QPSK | 24.19 | 23.09 | 23.28 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 1@1 | CP_QPSK | 24.11 | 23.01 | 23.2 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 1@50 | CP_QPSK | 24.21 | 23.11 | 23.3 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 26@13 | CP_QAM16 | 23.75 | 22.65 | 22.84 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 1@1 | CP_QAM16 | 23.63 | 22.53 | 22.72 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 1@50 | CP_QAM16 | 23.80 | 22.70 | 22.89 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 26@13 | CP_QAM64 | 22.23 | 21.13 | 21.32 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 1@1 | CP_QAM64 | 21.98 | 20.88 | 21.07 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 1@50 | CP_QAM64 | 22.18 | 21.08 | 21.27 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 26@13 | CP_QAM256 | 19.34 | 18.24 | 18.43 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 1@1 | CP_QAM256 | 19.35 | 18.25 | 18.44 | 33.01 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 1@50 | CP_QAM256 | 19.47 | 18.37 | 18.56 | 33.01 | PASS |

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|----------------|----|----|--------|-------|------------|-------|-------|-------|-------|------|
| n77(3450-3550) | 15 | 15 | 630500 | 36@18 | DFT_BPSK | 26.14 | 25.04 | 25.23 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 1@1 | DFT_BPSK | 25.79 | 24.69 | 24.88 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 1@77 | DFT_BPSK | 26.07 | 24.97 | 25.16 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 36@18 | DFT_QPSK | 26.18 | 25.08 | 25.27 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 1@1 | DFT_QPSK | 25.78 | 24.68 | 24.87 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 1@77 | DFT_QPSK | 26.01 | 24.91 | 25.1 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 36@18 | DFT_QAM16 | 25.04 | 23.94 | 24.13 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 1@1 | DFT_QAM16 | 25.22 | 24.12 | 24.31 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 1@77 | DFT_QAM16 | 25.37 | 24.27 | 24.46 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 36@18 | DFT_QAM64 | 23.71 | 22.61 | 22.8 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 1@1 | DFT_QAM64 | 23.75 | 22.65 | 22.84 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 1@77 | DFT_QAM64 | 23.86 | 22.76 | 22.95 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 36@18 | DFT_QAM256 | 21.70 | 20.60 | 20.79 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 1@1 | DFT_QAM256 | 21.85 | 20.75 | 20.94 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 1@77 | DFT_QAM256 | 22.06 | 20.96 | 21.15 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 39@19 | CP_QPSK | 24.63 | 23.53 | 23.72 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 1@1 | CP_QPSK | 24.26 | 23.16 | 23.35 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 1@77 | CP_QPSK | 24.60 | 23.50 | 23.69 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 39@19 | CP_QAM16 | 24.15 | 23.05 | 23.24 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 1@1 | CP_QAM16 | 23.84 | 22.74 | 22.93 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 1@77 | CP_QAM16 | 24.07 | 22.97 | 23.16 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 39@19 | CP_QAM64 | 22.75 | 21.65 | 21.84 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 1@1 | CP_QAM64 | 22.26 | 21.16 | 21.35 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 1@77 | CP_QAM64 | 22.57 | 21.47 | 21.66 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 39@19 | CP_QAM256 | 19.90 | 18.80 | 18.99 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 1@1 | CP_QAM256 | 19.62 | 18.52 | 18.71 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 1@77 | CP_QAM256 | 19.91 | 18.81 | 19 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 36@18 | DFT_BPSK | 25.97 | 24.87 | 25.06 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 1@1 | DFT_BPSK | 25.81 | 24.71 | 24.9 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 1@77 | DFT_BPSK | 25.79 | 24.69 | 24.88 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 36@18 | DFT_QPSK | 26.05 | 24.95 | 25.14 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 1@1 | DFT_QPSK | 25.74 | 24.64 | 24.83 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 1@77 | DFT_QPSK | 25.69 | 24.59 | 24.78 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 36@18 | DFT_QAM16 | 25.01 | 23.91 | 24.1 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 1@1 | DFT_QAM16 | 25.16 | 24.06 | 24.25 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 1@77 | DFT_QAM16 | 25.11 | 24.01 | 24.2 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 36@18 | DFT_QAM64 | 23.60 | 22.50 | 22.69 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 1@1 | DFT_QAM64 | 23.33 | 22.23 | 22.42 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 1@77 | DFT_QAM64 | 23.31 | 22.21 | 22.4 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 36@18 | DFT_QAM256 | 21.64 | 20.54 | 20.73 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 1@1 | DFT_QAM256 | 21.51 | 20.41 | 20.6 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 1@77 | DFT_QAM256 | 21.78 | 20.68 | 20.87 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 39@19 | CP_QPSK | 24.41 | 23.31 | 23.5 | 33.01 | PASS |

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|----------------|----|----|--------|-------|------------|-------|-------|-------|-------|------|
| n77(3450-3550) | 15 | 15 | 633334 | 1@1 | CP_QPSK | 24.36 | 23.26 | 23.45 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 1@77 | CP_QPSK | 24.33 | 23.23 | 23.42 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 39@19 | CP_QAM16 | 24.04 | 22.94 | 23.13 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 1@1 | CP_QAM16 | 23.81 | 22.71 | 22.9 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 1@77 | CP_QAM16 | 23.86 | 22.76 | 22.95 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 39@19 | CP_QAM64 | 22.49 | 21.39 | 21.58 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 1@1 | CP_QAM64 | 22.52 | 21.42 | 21.61 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 1@77 | CP_QAM64 | 22.35 | 21.25 | 21.44 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 39@19 | CP_QAM256 | 19.65 | 18.55 | 18.74 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 1@1 | CP_QAM256 | 19.75 | 18.65 | 18.84 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 1@77 | CP_QAM256 | 19.71 | 18.61 | 18.8 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 36@18 | DFT_BPSK | 25.79 | 24.69 | 24.88 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 1@1 | DFT_BPSK | 25.51 | 24.41 | 24.6 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 1@77 | DFT_BPSK | 25.61 | 24.51 | 24.7 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 36@18 | DFT_QPSK | 25.73 | 24.63 | 24.82 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 1@1 | DFT_QPSK | 25.42 | 24.32 | 24.51 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 1@77 | DFT_QPSK | 25.54 | 24.44 | 24.63 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 36@18 | DFT_QAM16 | 24.74 | 23.64 | 23.83 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 1@1 | DFT_QAM16 | 24.97 | 23.87 | 24.06 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 1@77 | DFT_QAM16 | 24.93 | 23.83 | 24.02 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 36@18 | DFT_QAM64 | 23.22 | 22.12 | 22.31 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 1@1 | DFT_QAM64 | 23.01 | 21.91 | 22.1 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 1@77 | DFT_QAM64 | 23.22 | 22.12 | 22.31 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 36@18 | DFT_QAM256 | 21.27 | 20.17 | 20.36 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 1@1 | DFT_QAM256 | 21.34 | 20.24 | 20.43 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 1@77 | DFT_QAM256 | 21.64 | 20.54 | 20.73 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 39@19 | CP_QPSK | 24.26 | 23.16 | 23.35 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 1@1 | CP_QPSK | 24.01 | 22.91 | 23.1 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 1@77 | CP_QPSK | 24.09 | 22.99 | 23.18 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 39@19 | CP_QAM16 | 23.77 | 22.67 | 22.86 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 1@1 | CP_QAM16 | 23.55 | 22.45 | 22.64 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 1@77 | CP_QAM16 | 23.70 | 22.60 | 22.79 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 39@19 | CP_QAM64 | 22.17 | 21.07 | 21.26 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 1@1 | CP_QAM64 | 22.11 | 21.01 | 21.2 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 1@77 | CP_QAM64 | 22.24 | 21.14 | 21.33 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 39@19 | CP_QAM256 | 19.25 | 18.15 | 18.34 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 1@1 | CP_QAM256 | 19.36 | 18.26 | 18.45 | 33.01 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 1@77 | CP_QAM256 | 19.50 | 18.40 | 18.59 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 630668 | 50@25 | DFT_BPSK | 26.22 | 25.12 | 25.31 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 630668 | 1@1 | DFT_BPSK | 25.90 | 24.80 | 24.99 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 630668 | 1@104 | DFT_BPSK | 26.32 | 25.22 | 25.41 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 630668 | 50@25 | DFT_QPSK | 26.14 | 25.04 | 25.23 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 630668 | 1@1 | DFT_QPSK | 25.86 | 24.76 | 24.95 | 33.01 | PASS |

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|----------------|----|----|--------|-------|------------|-------|-------|-------|-------|------|
| n77(3450-3550) | 15 | 20 | 630668 | 1@104 | DFT_QPSK | 26.18 | 25.08 | 25.27 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 630668 | 50@25 | DFT_QAM16 | 25.27 | 24.17 | 24.36 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 630668 | 1@1 | DFT_QAM16 | 25.38 | 24.28 | 24.47 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 630668 | 1@104 | DFT_QAM16 | 25.51 | 24.41 | 24.6 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 630668 | 50@25 | DFT_QAM64 | 23.82 | 22.72 | 22.91 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 630668 | 1@1 | DFT_QAM64 | 23.40 | 22.30 | 22.49 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 630668 | 1@104 | DFT_QAM64 | 23.83 | 22.73 | 22.92 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 630668 | 50@25 | DFT_QAM256 | 21.90 | 20.80 | 20.99 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 630668 | 1@1 | DFT_QAM256 | 21.74 | 20.64 | 20.83 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 630668 | 1@104 | DFT_QAM256 | 22.05 | 20.95 | 21.14 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 630668 | 53@26 | CP_QPSK | 24.69 | 23.59 | 23.78 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 630668 | 1@1 | CP_QPSK | 24.37 | 23.27 | 23.46 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 630668 | 1@104 | CP_QPSK | 24.69 | 23.59 | 23.78 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 630668 | 53@26 | CP_QAM16 | 24.18 | 23.08 | 23.27 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 630668 | 1@1 | CP_QAM16 | 24.14 | 23.04 | 23.23 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 630668 | 1@104 | CP_QAM16 | 24.63 | 23.53 | 23.72 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 630668 | 53@26 | CP_QAM64 | 22.71 | 21.61 | 21.8 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 630668 | 1@1 | CP_QAM64 | 22.84 | 21.74 | 21.93 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 630668 | 1@104 | CP_QAM64 | 22.70 | 21.60 | 21.79 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 630668 | 53@26 | CP_QAM256 | 19.83 | 18.73 | 18.92 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 630668 | 1@1 | CP_QAM256 | 19.58 | 18.48 | 18.67 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 630668 | 1@104 | CP_QAM256 | 20.05 | 18.95 | 19.14 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 50@25 | DFT_BPSK | 26.12 | 25.02 | 25.21 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 1@1 | DFT_BPSK | 26.02 | 24.92 | 25.11 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 1@104 | DFT_BPSK | 25.98 | 24.88 | 25.07 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 50@25 | DFT_QPSK | 26.03 | 24.93 | 25.12 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 1@1 | DFT_QPSK | 25.90 | 24.80 | 24.99 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 1@104 | DFT_QPSK | 25.77 | 24.67 | 24.86 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 50@25 | DFT_QAM16 | 25.19 | 24.09 | 24.28 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 1@1 | DFT_QAM16 | 25.11 | 24.01 | 24.2 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 1@104 | DFT_QAM16 | 25.04 | 23.94 | 24.13 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 50@25 | DFT_QAM64 | 23.61 | 22.51 | 22.7 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 1@1 | DFT_QAM64 | 23.55 | 22.45 | 22.64 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 1@104 | DFT_QAM64 | 23.51 | 22.41 | 22.6 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 50@25 | DFT_QAM256 | 21.62 | 20.52 | 20.71 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 1@1 | DFT_QAM256 | 21.76 | 20.66 | 20.85 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 1@104 | DFT_QAM256 | 21.74 | 20.64 | 20.83 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 53@26 | CP_QPSK | 24.41 | 23.31 | 23.5 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 1@1 | CP_QPSK | 24.42 | 23.32 | 23.51 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 1@104 | CP_QPSK | 24.35 | 23.25 | 23.44 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 53@26 | CP_QAM16 | 24.03 | 22.93 | 23.12 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 1@1 | CP_QAM16 | 23.94 | 22.84 | 23.03 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 1@104 | CP_QAM16 | 24.01 | 22.91 | 23.1 | 33.01 | PASS |

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|----------------|----|----|--------|-------|------------|-------|-------|-------|-------|------|
| n77(3450-3550) | 15 | 20 | 633334 | 53@26 | CP_QAM64 | 22.52 | 21.42 | 21.61 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 1@1 | CP_QAM64 | 22.33 | 21.23 | 21.42 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 1@104 | CP_QAM64 | 22.39 | 21.29 | 21.48 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 53@26 | CP_QAM256 | 19.60 | 18.50 | 18.69 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 1@1 | CP_QAM256 | 19.67 | 18.57 | 18.76 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 1@104 | CP_QAM256 | 19.57 | 18.47 | 18.66 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 50@25 | DFT_BPSK | 25.77 | 24.67 | 24.86 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 1@1 | DFT_BPSK | 25.72 | 24.62 | 24.81 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 1@104 | DFT_BPSK | 25.72 | 24.62 | 24.81 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 50@25 | DFT_QPSK | 25.78 | 24.68 | 24.87 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 1@1 | DFT_QPSK | 25.77 | 24.67 | 24.86 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 1@104 | DFT_QPSK | 25.71 | 24.61 | 24.8 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 50@25 | DFT_QAM16 | 24.81 | 23.71 | 23.9 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 1@1 | DFT_QAM16 | 25.01 | 23.91 | 24.1 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 1@104 | DFT_QAM16 | 24.94 | 23.84 | 24.03 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 50@25 | DFT_QAM64 | 23.34 | 22.24 | 22.43 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 1@1 | DFT_QAM64 | 23.50 | 22.40 | 22.59 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 1@104 | DFT_QAM64 | 23.40 | 22.30 | 22.49 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 50@25 | DFT_QAM256 | 21.32 | 20.22 | 20.41 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 1@1 | DFT_QAM256 | 21.71 | 20.61 | 20.8 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 1@104 | DFT_QAM256 | 21.57 | 20.47 | 20.66 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 53@26 | CP_QPSK | 24.32 | 23.22 | 23.41 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 1@1 | CP_QPSK | 24.21 | 23.11 | 23.3 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 1@104 | CP_QPSK | 24.21 | 23.11 | 23.3 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 53@26 | CP_QAM16 | 23.78 | 22.68 | 22.87 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 1@1 | CP_QAM16 | 23.78 | 22.68 | 22.87 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 1@104 | CP_QAM16 | 23.67 | 22.57 | 22.76 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 53@26 | CP_QAM64 | 22.35 | 21.25 | 21.44 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 1@1 | CP_QAM64 | 22.16 | 21.06 | 21.25 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 1@104 | CP_QAM64 | 22.17 | 21.07 | 21.26 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 53@26 | CP_QAM256 | 19.27 | 18.17 | 18.36 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 1@1 | CP_QAM256 | 19.60 | 18.50 | 18.69 | 33.01 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 1@104 | CP_QAM256 | 19.37 | 18.27 | 18.46 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 80@40 | DFT_BPSK | 26.29 | 25.19 | 25.38 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 1@1 | DFT_BPSK | 25.89 | 24.79 | 24.98 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 1@158 | DFT_BPSK | 26.02 | 24.92 | 25.11 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 80@40 | DFT_QPSK | 26.31 | 25.21 | 25.4 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 1@1 | DFT_QPSK | 25.78 | 24.68 | 24.87 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 1@158 | DFT_QPSK | 25.85 | 24.75 | 24.94 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 80@40 | DFT_QAM16 | 25.31 | 24.21 | 24.4 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 1@1 | DFT_QAM16 | 25.02 | 23.92 | 24.11 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 1@158 | DFT_QAM16 | 25.35 | 24.25 | 24.44 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 80@40 | DFT_QAM64 | 23.92 | 22.82 | 23.01 | 33.01 | PASS |

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|----------------|----|----|--------|-------|------------|-------|-------|-------|-------|------|
| n77(3450-3550) | 15 | 30 | 631000 | 1@1 | DFT_QAM64 | 23.35 | 22.25 | 22.44 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 1@158 | DFT_QAM64 | 23.54 | 22.44 | 22.63 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 80@40 | DFT_QAM256 | 21.88 | 20.78 | 20.97 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 1@1 | DFT_QAM256 | 21.51 | 20.41 | 20.6 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 1@158 | DFT_QAM256 | 21.86 | 20.76 | 20.95 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 80@40 | CP_QPSK | 24.84 | 23.74 | 23.93 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 1@1 | CP_QPSK | 24.17 | 23.07 | 23.26 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 1@158 | CP_QPSK | 24.42 | 23.32 | 23.51 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 80@40 | CP_QAM16 | 24.30 | 23.20 | 23.39 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 1@1 | CP_QAM16 | 23.71 | 22.61 | 22.8 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 1@158 | CP_QAM16 | 23.90 | 22.80 | 22.99 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 80@40 | CP_QAM64 | 22.84 | 21.74 | 21.93 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 1@1 | CP_QAM64 | 22.22 | 21.12 | 21.31 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 1@158 | CP_QAM64 | 22.38 | 21.28 | 21.47 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 80@40 | CP_QAM256 | 19.89 | 18.79 | 18.98 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 1@1 | CP_QAM256 | 19.52 | 18.42 | 18.61 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 1@158 | CP_QAM256 | 19.86 | 18.76 | 18.95 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 80@40 | DFT_BPSK | 26.18 | 25.08 | 25.27 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 1@1 | DFT_BPSK | 25.84 | 24.74 | 24.93 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 1@158 | DFT_BPSK | 25.66 | 24.56 | 24.75 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 80@40 | DFT_QPSK | 26.07 | 24.97 | 25.16 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 1@1 | DFT_QPSK | 25.74 | 24.64 | 24.83 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 1@158 | DFT_QPSK | 25.60 | 24.50 | 24.69 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 80@40 | DFT_QAM16 | 25.17 | 24.07 | 24.26 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 1@1 | DFT_QAM16 | 25.14 | 24.04 | 24.23 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 1@158 | DFT_QAM16 | 24.74 | 23.64 | 23.83 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 80@40 | DFT_QAM64 | 23.60 | 22.50 | 22.69 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 1@1 | DFT_QAM64 | 23.25 | 22.15 | 22.34 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 1@158 | DFT_QAM64 | 23.19 | 22.09 | 22.28 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 80@40 | DFT_QAM256 | 21.70 | 20.60 | 20.79 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 1@1 | DFT_QAM256 | 21.43 | 20.33 | 20.52 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 1@158 | DFT_QAM256 | 21.51 | 20.41 | 20.6 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 80@40 | CP_QPSK | 24.57 | 23.47 | 23.66 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 1@1 | CP_QPSK | 24.21 | 23.11 | 23.3 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 1@158 | CP_QPSK | 24.16 | 23.06 | 23.25 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 80@40 | CP_QAM16 | 24.11 | 23.01 | 23.2 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 1@1 | CP_QAM16 | 23.71 | 22.61 | 22.8 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 1@158 | CP_QAM16 | 23.63 | 22.53 | 22.72 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 80@40 | CP_QAM64 | 22.59 | 21.49 | 21.68 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 1@1 | CP_QAM64 | 22.67 | 21.57 | 21.76 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 1@158 | CP_QAM64 | 22.09 | 20.99 | 21.18 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 80@40 | CP_QAM256 | 19.70 | 18.60 | 18.79 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 1@1 | CP_QAM256 | 19.42 | 18.32 | 18.51 | 33.01 | PASS |

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|----------------|----|----|--------|--------|------------|-------|-------|-------|-------|------|
| n77(3450-3550) | 15 | 30 | 633334 | 1@158 | CP_QAM256 | 19.36 | 18.26 | 18.45 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 80@40 | DFT_BPSK | 25.87 | 24.77 | 24.96 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 1@1 | DFT_BPSK | 25.53 | 24.43 | 24.62 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 1@158 | DFT_BPSK | 25.51 | 24.41 | 24.6 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 80@40 | DFT_QPSK | 25.86 | 24.76 | 24.95 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 1@1 | DFT_QPSK | 25.52 | 24.42 | 24.61 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 1@158 | DFT_QPSK | 25.44 | 24.34 | 24.53 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 80@40 | DFT_QAM16 | 24.85 | 23.75 | 23.94 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 1@1 | DFT_QAM16 | 24.66 | 23.56 | 23.75 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 1@158 | DFT_QAM16 | 24.78 | 23.68 | 23.87 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 80@40 | DFT_QAM64 | 23.44 | 22.34 | 22.53 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 1@1 | DFT_QAM64 | 23.23 | 22.13 | 22.32 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 1@158 | DFT_QAM64 | 23.15 | 22.05 | 22.24 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 80@40 | DFT_QAM256 | 21.44 | 20.34 | 20.53 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 1@1 | DFT_QAM256 | 21.38 | 20.28 | 20.47 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 1@158 | DFT_QAM256 | 21.19 | 20.09 | 20.28 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 80@40 | CP_QPSK | 24.28 | 23.18 | 23.37 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 1@1 | CP_QPSK | 24.01 | 22.91 | 23.1 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 1@158 | CP_QPSK | 23.91 | 22.81 | 23 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 80@40 | CP_QAM16 | 23.85 | 22.75 | 22.94 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 1@1 | CP_QAM16 | 23.45 | 22.35 | 22.54 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 1@158 | CP_QAM16 | 23.42 | 22.32 | 22.51 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 80@40 | CP_QAM64 | 22.17 | 21.07 | 21.26 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 1@1 | CP_QAM64 | 21.95 | 20.85 | 21.04 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 1@158 | CP_QAM64 | 21.87 | 20.77 | 20.96 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 80@40 | CP_QAM256 | 19.32 | 18.22 | 18.41 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 1@1 | CP_QAM256 | 19.30 | 18.20 | 18.39 | 33.01 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 1@158 | CP_QAM256 | 19.18 | 18.08 | 18.27 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 108@54 | DFT_BPSK | 26.25 | 25.15 | 25.34 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 1@1 | DFT_BPSK | 25.58 | 24.48 | 24.67 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 1@214 | DFT_BPSK | 25.55 | 24.45 | 24.64 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 108@54 | DFT_QPSK | 26.34 | 25.24 | 25.43 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 1@1 | DFT_QPSK | 25.48 | 24.38 | 24.57 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 1@214 | DFT_QPSK | 25.52 | 24.42 | 24.61 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 108@54 | DFT_QAM16 | 25.37 | 24.27 | 24.46 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 1@1 | DFT_QAM16 | 24.77 | 23.67 | 23.86 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 1@214 | DFT_QAM16 | 24.97 | 23.87 | 24.06 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 108@54 | DFT_QAM64 | 23.83 | 22.73 | 22.92 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 1@1 | DFT_QAM64 | 23.30 | 22.20 | 22.39 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 1@214 | DFT_QAM64 | 23.17 | 22.07 | 22.26 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 108@54 | DFT_QAM256 | 21.73 | 20.63 | 20.82 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 1@1 | DFT_QAM256 | 21.38 | 20.28 | 20.47 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 1@214 | DFT_QAM256 | 21.36 | 20.26 | 20.45 | 33.01 | PASS |

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|----------------|----|----|--------|--------|------------|-------|-------|-------|-------|------|
| n77(3450-3550) | 15 | 40 | 631334 | 108@54 | CP_QPSK | 24.78 | 23.68 | 23.87 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 1@1 | CP_QPSK | 24.03 | 22.93 | 23.12 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 1@214 | CP_QPSK | 24.12 | 23.02 | 23.21 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 108@54 | CP_QAM16 | 24.25 | 23.15 | 23.34 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 1@1 | CP_QAM16 | 23.60 | 22.50 | 22.69 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 1@214 | CP_QAM16 | 23.63 | 22.53 | 22.72 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 108@54 | CP_QAM64 | 22.75 | 21.65 | 21.84 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 1@1 | CP_QAM64 | 22.45 | 21.35 | 21.54 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 1@214 | CP_QAM64 | 22.52 | 21.42 | 21.61 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 108@54 | CP_QAM256 | 19.93 | 18.83 | 19.02 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 1@1 | CP_QAM256 | 19.77 | 18.67 | 18.86 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 1@214 | CP_QAM256 | 19.70 | 18.60 | 18.79 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 108@54 | DFT_BPSK | 26.06 | 24.96 | 25.15 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 1@1 | DFT_BPSK | 25.70 | 24.60 | 24.79 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 1@214 | DFT_BPSK | 25.49 | 24.39 | 24.58 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 108@54 | DFT_QPSK | 26.13 | 25.03 | 25.22 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 1@1 | DFT_QPSK | 25.50 | 24.40 | 24.59 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 1@214 | DFT_QPSK | 25.36 | 24.26 | 24.45 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 108@54 | DFT_QAM16 | 25.08 | 23.98 | 24.17 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 1@1 | DFT_QAM16 | 24.90 | 23.80 | 23.99 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 1@214 | DFT_QAM16 | 24.81 | 23.71 | 23.9 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 108@54 | DFT_QAM64 | 23.60 | 22.50 | 22.69 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 1@1 | DFT_QAM64 | 23.45 | 22.35 | 22.54 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 1@214 | DFT_QAM64 | 23.22 | 22.12 | 22.31 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 108@54 | DFT_QAM256 | 21.57 | 20.47 | 20.66 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 1@1 | DFT_QAM256 | 21.38 | 20.28 | 20.47 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 1@214 | DFT_QAM256 | 21.41 | 20.31 | 20.5 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 108@54 | CP_QPSK | 24.49 | 23.39 | 23.58 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 1@1 | CP_QPSK | 24.12 | 23.02 | 23.21 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 1@214 | CP_QPSK | 23.93 | 22.83 | 23.02 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 108@54 | CP_QAM16 | 24.06 | 22.96 | 23.15 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 1@1 | CP_QAM16 | 23.79 | 22.69 | 22.88 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 1@214 | CP_QAM16 | 23.47 | 22.37 | 22.56 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 108@54 | CP_QAM64 | 22.60 | 21.50 | 21.69 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 1@1 | CP_QAM64 | 22.25 | 21.15 | 21.34 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 1@214 | CP_QAM64 | 21.98 | 20.88 | 21.07 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 108@54 | CP_QAM256 | 19.57 | 18.47 | 18.66 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 1@1 | CP_QAM256 | 19.57 | 18.47 | 18.66 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 1@214 | CP_QAM256 | 19.36 | 18.26 | 18.45 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 108@54 | DFT_BPSK | 25.82 | 24.72 | 24.91 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 1@1 | DFT_BPSK | 25.56 | 24.46 | 24.65 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 1@214 | DFT_BPSK | 25.31 | 24.21 | 24.4 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 108@54 | DFT_QPSK | 25.79 | 24.69 | 24.88 | 33.01 | PASS |

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|----------------|----|----|--------|--------|------------|-------|-------|-------|-------|------|
| n77(3450-3550) | 15 | 40 | 635332 | 1@1 | DFT_QPSK | 25.28 | 24.18 | 24.37 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 1@214 | DFT_QPSK | 25.31 | 24.21 | 24.4 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 108@54 | DFT_QAM16 | 24.79 | 23.69 | 23.88 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 1@1 | DFT_QAM16 | 24.69 | 23.59 | 23.78 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 1@214 | DFT_QAM16 | 24.74 | 23.64 | 23.83 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 108@54 | DFT_QAM64 | 23.29 | 22.19 | 22.38 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 1@1 | DFT_QAM64 | 23.02 | 21.92 | 22.11 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 1@214 | DFT_QAM64 | 23.15 | 22.05 | 22.24 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 108@54 | DFT_QAM256 | 21.38 | 20.28 | 20.47 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 1@1 | DFT_QAM256 | 21.20 | 20.10 | 20.29 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 1@214 | DFT_QAM256 | 21.28 | 20.18 | 20.37 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 108@54 | CP_QPSK | 24.39 | 23.29 | 23.48 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 1@1 | CP_QPSK | 23.95 | 22.85 | 23.04 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 1@214 | CP_QPSK | 23.72 | 22.62 | 22.81 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 108@54 | CP_QAM16 | 23.84 | 22.74 | 22.93 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 1@1 | CP_QAM16 | 23.57 | 22.47 | 22.66 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 1@214 | CP_QAM16 | 23.30 | 22.20 | 22.39 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 108@54 | CP_QAM64 | 22.27 | 21.17 | 21.36 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 1@1 | CP_QAM64 | 21.90 | 20.80 | 20.99 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 1@214 | CP_QAM64 | 21.65 | 20.55 | 20.74 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 108@54 | CP_QAM256 | 19.28 | 18.18 | 18.37 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 1@1 | CP_QAM256 | 19.40 | 18.30 | 18.49 | 33.01 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 1@214 | CP_QAM256 | 19.12 | 18.02 | 18.21 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 135@67 | DFT_BPSK | 26.33 | 25.23 | 25.42 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 1@1 | DFT_BPSK | 25.94 | 24.84 | 25.03 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 1@268 | DFT_BPSK | 25.90 | 24.80 | 24.99 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 135@67 | DFT_QPSK | 26.23 | 25.13 | 25.32 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 1@1 | DFT_QPSK | 25.81 | 24.71 | 24.9 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 1@268 | DFT_QPSK | 25.87 | 24.77 | 24.96 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 135@67 | DFT_QAM16 | 25.26 | 24.16 | 24.35 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 1@1 | DFT_QAM16 | 25.33 | 24.23 | 24.42 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 1@268 | DFT_QAM16 | 25.32 | 24.22 | 24.41 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 135@67 | DFT_QAM64 | 23.78 | 22.68 | 22.87 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 1@1 | DFT_QAM64 | 23.42 | 22.32 | 22.51 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 1@268 | DFT_QAM64 | 23.30 | 22.20 | 22.39 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 135@67 | DFT_QAM256 | 21.83 | 20.73 | 20.92 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 1@1 | DFT_QAM256 | 21.90 | 20.80 | 20.99 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 1@268 | DFT_QAM256 | 21.69 | 20.59 | 20.78 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 135@67 | CP_QPSK | 24.76 | 23.66 | 23.85 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 1@1 | CP_QPSK | 24.53 | 23.43 | 23.62 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 1@268 | CP_QPSK | 24.49 | 23.39 | 23.58 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 135@67 | CP_QAM16 | 24.29 | 23.19 | 23.38 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 1@1 | CP_QAM16 | 23.99 | 22.89 | 23.08 | 33.01 | PASS |

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|----------------|----|----|--------|--------|------------|-------|-------|-------|-------|------|
| n77(3450-3550) | 15 | 50 | 631668 | 1@268 | CP_QAM16 | 24.04 | 22.94 | 23.13 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 135@67 | CP_QAM64 | 22.79 | 21.69 | 21.88 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 1@1 | CP_QAM64 | 22.50 | 21.40 | 21.59 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 1@268 | CP_QAM64 | 22.58 | 21.48 | 21.67 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 135@67 | CP_QAM256 | 19.80 | 18.70 | 18.89 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 1@1 | CP_QAM256 | 20.01 | 18.91 | 19.1 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 1@268 | CP_QAM256 | 19.67 | 18.57 | 18.76 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | DFT_BPSK | 26.04 | 24.94 | 25.13 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 1@1 | DFT_BPSK | 26.12 | 25.02 | 25.21 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 1@268 | DFT_BPSK | 25.79 | 24.69 | 24.88 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | DFT_QPSK | 26.03 | 24.93 | 25.12 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 1@1 | DFT_QPSK | 25.95 | 24.85 | 25.04 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 1@268 | DFT_QPSK | 25.74 | 24.64 | 24.83 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | DFT_QAM16 | 25.03 | 23.93 | 24.12 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 1@1 | DFT_QAM16 | 25.33 | 24.23 | 24.42 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 1@268 | DFT_QAM16 | 24.96 | 23.86 | 24.05 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | DFT_QAM64 | 23.67 | 22.57 | 22.76 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 1@1 | DFT_QAM64 | 24.00 | 22.90 | 23.09 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 1@268 | DFT_QAM64 | 23.34 | 22.24 | 22.43 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | DFT_QAM256 | 21.69 | 20.59 | 20.78 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 1@1 | DFT_QAM256 | 21.97 | 20.87 | 21.06 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 1@268 | DFT_QAM256 | 21.61 | 20.51 | 20.7 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | CP_QPSK | 24.51 | 23.41 | 23.6 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 1@1 | CP_QPSK | 24.57 | 23.47 | 23.66 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 1@268 | CP_QPSK | 24.20 | 23.10 | 23.29 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | CP_QAM16 | 24.02 | 22.92 | 23.11 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 1@1 | CP_QAM16 | 24.08 | 22.98 | 23.17 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 1@268 | CP_QAM16 | 23.76 | 22.66 | 22.85 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | CP_QAM64 | 22.63 | 21.53 | 21.72 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 1@1 | CP_QAM64 | 22.60 | 21.50 | 21.69 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 1@268 | CP_QAM64 | 22.21 | 21.11 | 21.3 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | CP_QAM256 | 19.60 | 18.50 | 18.69 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 1@1 | CP_QAM256 | 19.90 | 18.80 | 18.99 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 1@268 | CP_QAM256 | 19.59 | 18.49 | 18.68 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 135@67 | DFT_BPSK | 25.97 | 24.87 | 25.06 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 1@1 | DFT_BPSK | 25.96 | 24.86 | 25.05 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 1@268 | DFT_BPSK | 25.68 | 24.58 | 24.77 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 135@67 | DFT_QPSK | 25.94 | 24.84 | 25.03 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 1@1 | DFT_QPSK | 25.68 | 24.58 | 24.77 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 1@268 | DFT_QPSK | 25.62 | 24.52 | 24.71 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 135@67 | DFT_QAM16 | 24.92 | 23.82 | 24.01 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 1@1 | DFT_QAM16 | 25.24 | 24.14 | 24.33 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 1@268 | DFT_QAM16 | 24.97 | 23.87 | 24.06 | 33.01 | PASS |

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|----------------|----|----|--------|--------|------------|-------|-------|-------|-------|------|
| n77(3450-3550) | 15 | 50 | 635000 | 135@67 | DFT_QAM64 | 23.39 | 22.29 | 22.48 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 1@1 | DFT_QAM64 | 23.43 | 22.33 | 22.52 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 1@268 | DFT_QAM64 | 23.22 | 22.12 | 22.31 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 135@67 | DFT_QAM256 | 21.44 | 20.34 | 20.53 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 1@1 | DFT_QAM256 | 21.90 | 20.80 | 20.99 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 1@268 | DFT_QAM256 | 21.66 | 20.56 | 20.75 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 135@67 | CP_QPSK | 24.30 | 23.20 | 23.39 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 1@1 | CP_QPSK | 24.45 | 23.35 | 23.54 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 1@268 | CP_QPSK | 24.06 | 22.96 | 23.15 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 135@67 | CP_QAM16 | 23.87 | 22.77 | 22.96 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 1@1 | CP_QAM16 | 23.90 | 22.80 | 22.99 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 1@268 | CP_QAM16 | 23.62 | 22.52 | 22.71 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 135@67 | CP_QAM64 | 22.34 | 21.24 | 21.43 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 1@1 | CP_QAM64 | 22.40 | 21.30 | 21.49 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 1@268 | CP_QAM64 | 22.10 | 21.00 | 21.19 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 135@67 | CP_QAM256 | 19.47 | 18.37 | 18.56 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 1@1 | CP_QAM256 | 19.81 | 18.71 | 18.9 | 33.01 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 1@268 | CP_QAM256 | 19.52 | 18.42 | 18.61 | 33.01 | 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(3450-3550) | 15 | 50 | 633334 | 135@67 | DFT_BPSK | 3.89 | -6.79 | 0.00 | Within authorized band for 5G NR n77 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | DFT_BPSK | 3.45 | -10.03 | 0.00 | | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | DFT_BPSK | 4.48 | -5.02 | 0.00 | | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | DFT_QPSK | 3.89 | -4.82 | 0.00 | | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | DFT_QPSK | 3.45 | -7.73 | 0.00 | | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | DFT_QPSK | 4.48 | -10.09 | 0.00 | | PASS |

Note: Only the worst case shown in the report.

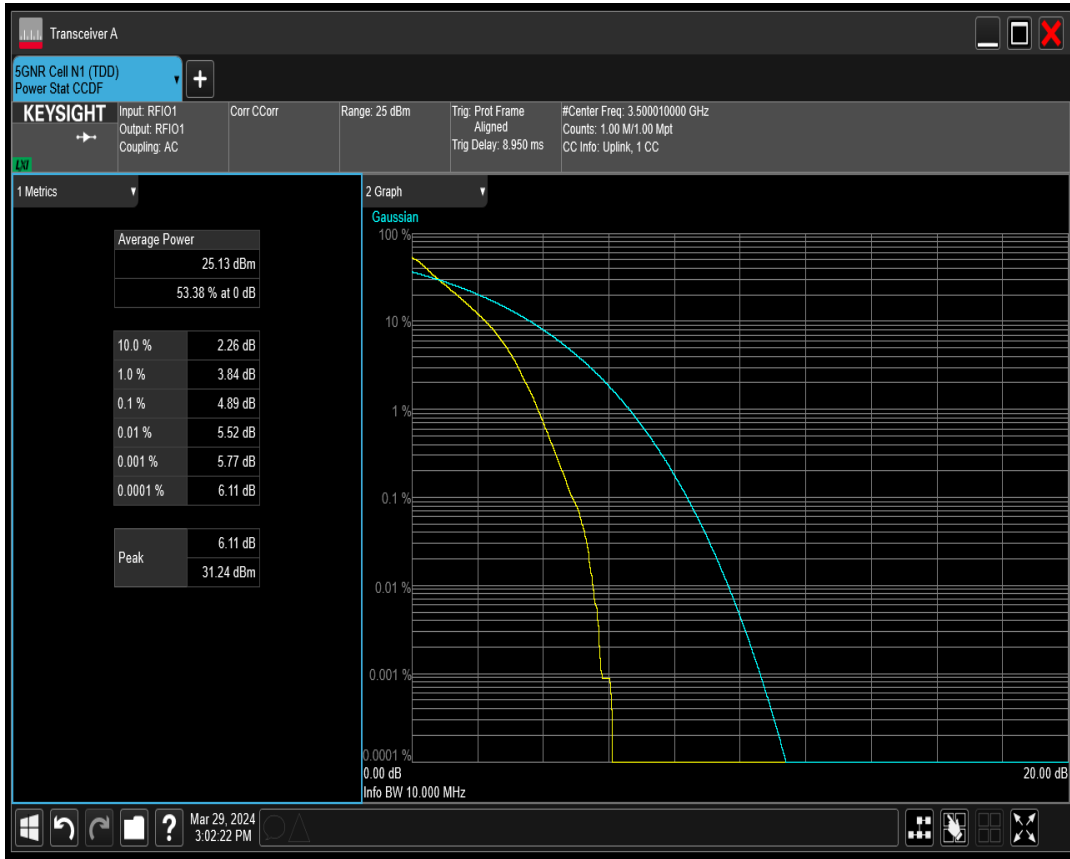
NV:

| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Voltage (Vdc) | Result(Hz) | Result (ppm) | Limit (ppm) | Verdict |
|----------------|-----------|-----------------|------------|---------------|------------|---------------|------------|--------------|--------------------------------------|---------|
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | DFT_BPSK | -30 | -16.41 | 0.00 | Within authorized band for 5G NR n77 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | DFT_BPSK | -20 | -14.01 | 0.00 | | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | DFT_BPSK | -10 | -15.01 | 0.00 | | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | DFT_BPSK | 0 | -13.89 | 0.00 | | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | DFT_BPSK | 10 | -12.13 | 0.00 | | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | DFT_BPSK | 20 | -12.84 | 0.00 | | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | DFT_BPSK | 30 | -19.19 | 0.00 | | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | DFT_BPSK | 40 | -15.77 | 0.00 | | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | DFT_BPSK | 50 | -17.11 | 0.00 | | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | DFT_QPSK | -30 | -16 | 0.00 | | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | DFT_QPSK | -20 | -13.38 | 0.00 | | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | DFT_QPSK | -10 | -17.66 | 0.00 | | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | DFT_QPSK | 0 | -12.71 | 0.00 | | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | DFT_QPSK | 10 | -15.71 | 0.00 | | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | DFT_QPSK | 20 | -14.34 | 0.00 | | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | DFT_QPSK | 30 | -17.31 | 0.00 | | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | DFT_QPSK | 40 | -14.29 | 0.00 | PASS | |
| n77(3450-3550) | 15 | 50 | 633334 | 135@67 | DFT_QPSK | 50 | -15.3 | 0.00 | PASS | |

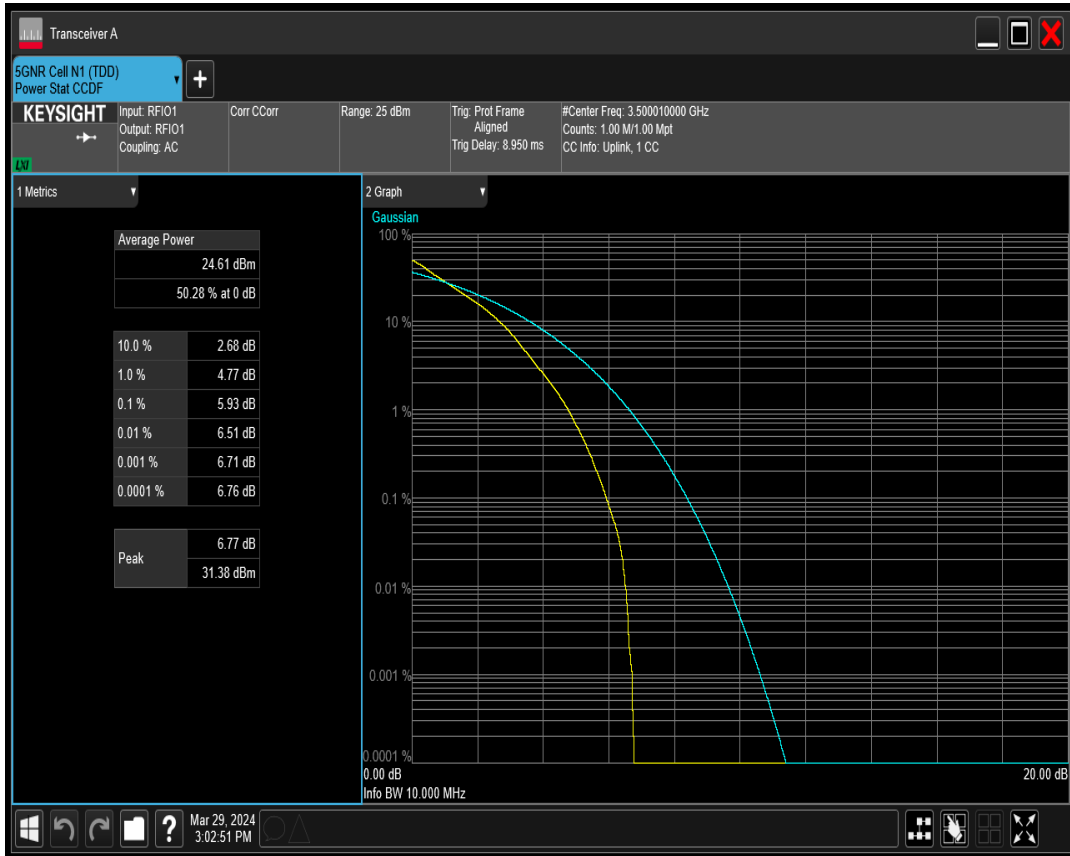
3 Peak-to-Average Ratio for NR FR1

| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Result (dB) | high Limit (dB) | Verdict |
|----------------|-----------|-----------------|------------|---------------|------------|-------------|-----------------|---------|
| n77(3450-3550) | 15 | 10 | 633334 | 50@0 | DFT_BPSK | 4.89 | 13 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 50@0 | DFT_QPSK | 5.93 | 13 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 50@0 | DFT_QAM16 | 6.73 | 13 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 50@0 | DFT_QAM64 | 6.90 | 13 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 50@0 | DFT_QAM256 | 7.14 | 13 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 75@0 | DFT_BPSK | 5.06 | 13 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 75@0 | DFT_QPSK | 6.09 | 13 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 75@0 | DFT_QAM16 | 6.85 | 13 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 75@0 | DFT_QAM64 | 7.07 | 13 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 75@0 | DFT_QAM256 | 7.11 | 13 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 100@0 | DFT_BPSK | 4.83 | 13 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 100@0 | DFT_QPSK | 6.03 | 13 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 100@0 | DFT_QAM16 | 6.69 | 13 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 100@0 | DFT_QAM64 | 7.01 | 13 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 100@0 | DFT_QAM256 | 6.99 | 13 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 160@0 | DFT_BPSK | 4.82 | 13 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 160@0 | DFT_QPSK | 6.03 | 13 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 160@0 | DFT_QAM16 | 6.73 | 13 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 160@0 | DFT_QAM64 | 6.92 | 13 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 160@0 | DFT_QAM256 | 7.14 | 13 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 216@0 | DFT_BPSK | 5.34 | 13 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 216@0 | DFT_QPSK | 6.09 | 13 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 216@0 | DFT_QAM16 | 6.72 | 13 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 216@0 | DFT_QAM64 | 6.93 | 13 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 216@0 | DFT_QAM256 | 7.07 | 13 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 270@0 | DFT_BPSK | 5.41 | 13 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 270@0 | DFT_QPSK | 6.00 | 13 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 270@0 | DFT_QAM16 | 6.79 | 13 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 270@0 | DFT_QAM64 | 6.98 | 13 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 270@0 | DFT_QAM256 | 7.13 | 13 | PASS |

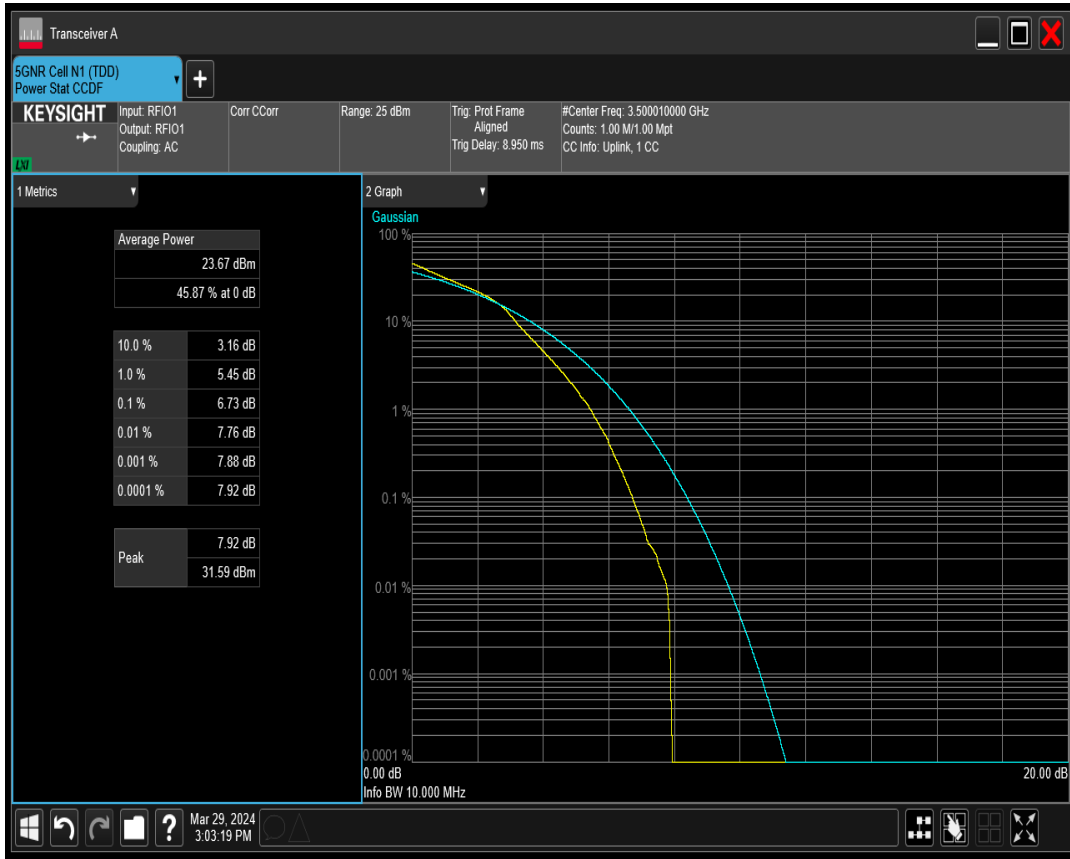
n77(3450-3550) SCS=15kHz DFT_BPSK BW=10MHz Channel=633334 RB=50@0



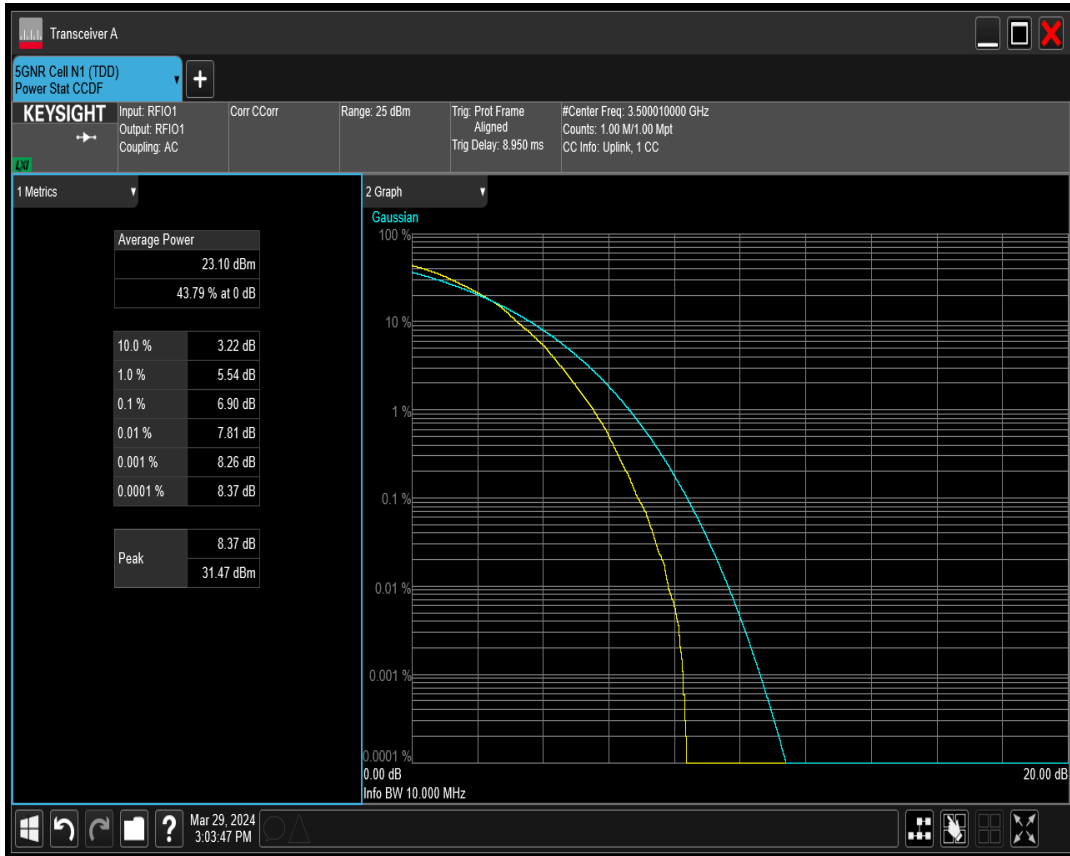
n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=633334 RB=50@0



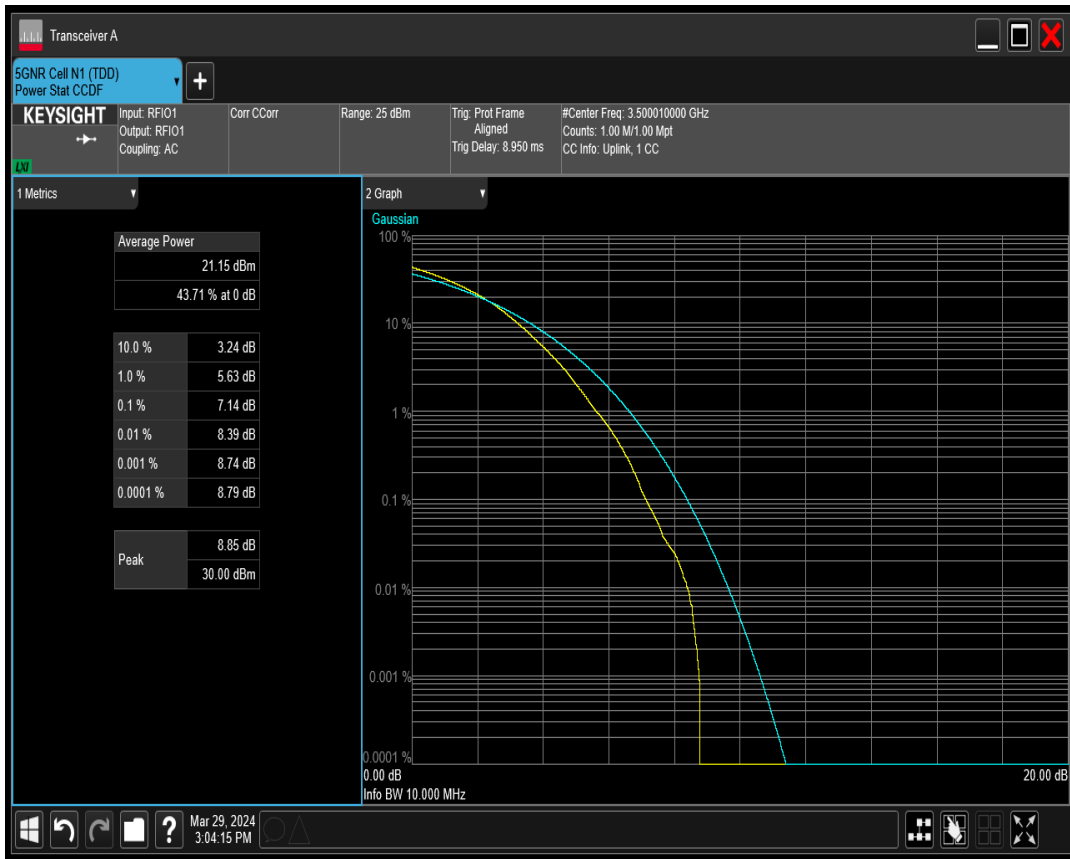
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=10MHz Channel=633334 RB=50@0



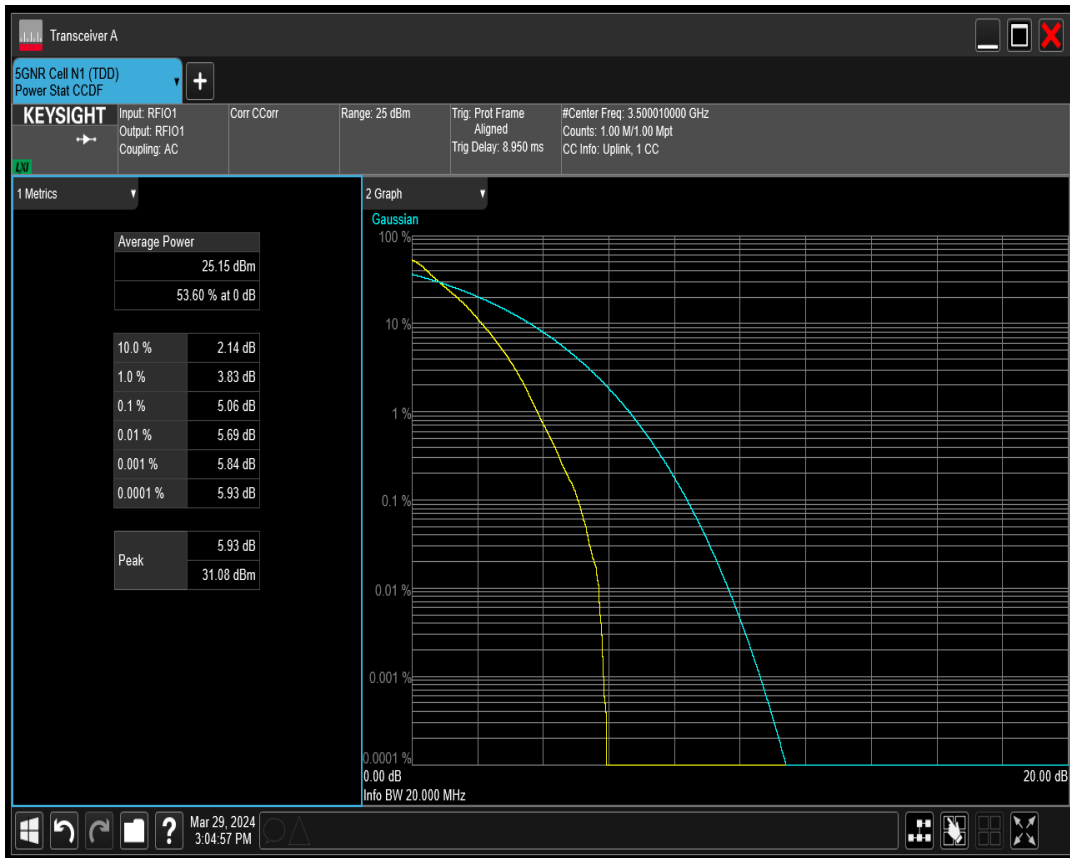
n77(3450-3550) SCS=15kHz DFT_QAM64 BW=10MHz Channel=633334 RB=50@0



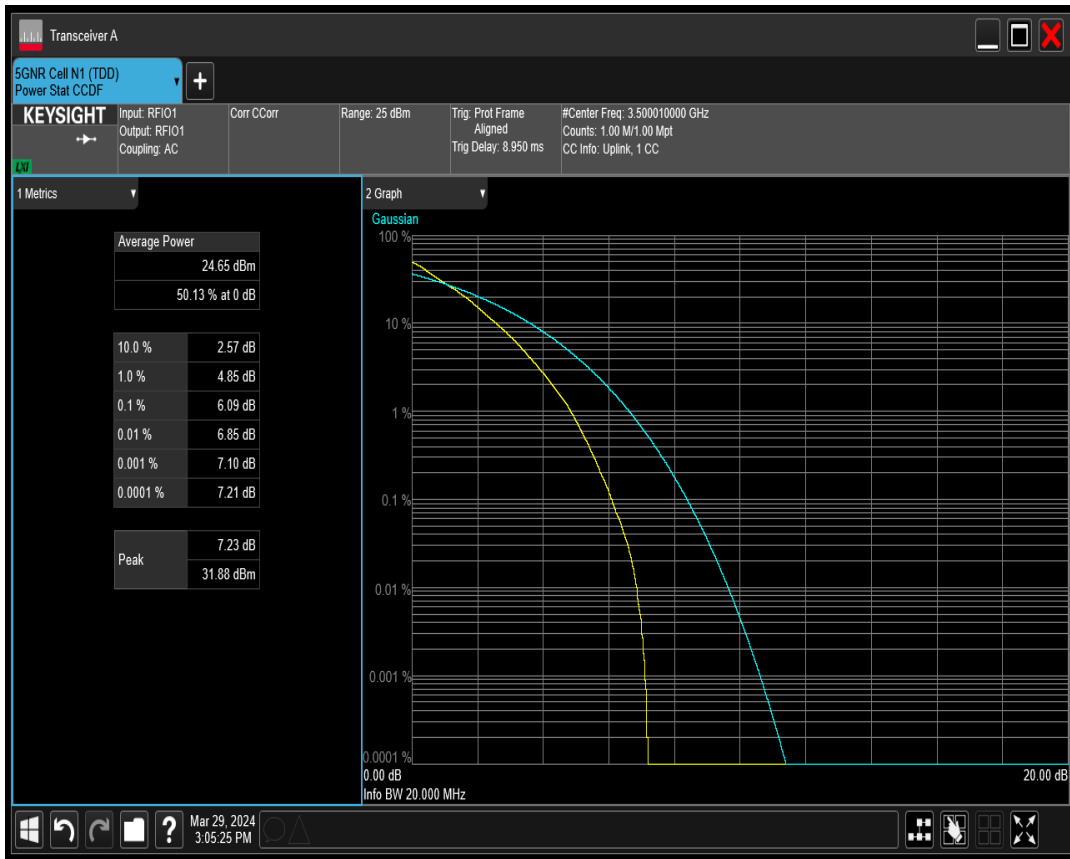
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=10MHz Channel=633334 RB=50@0



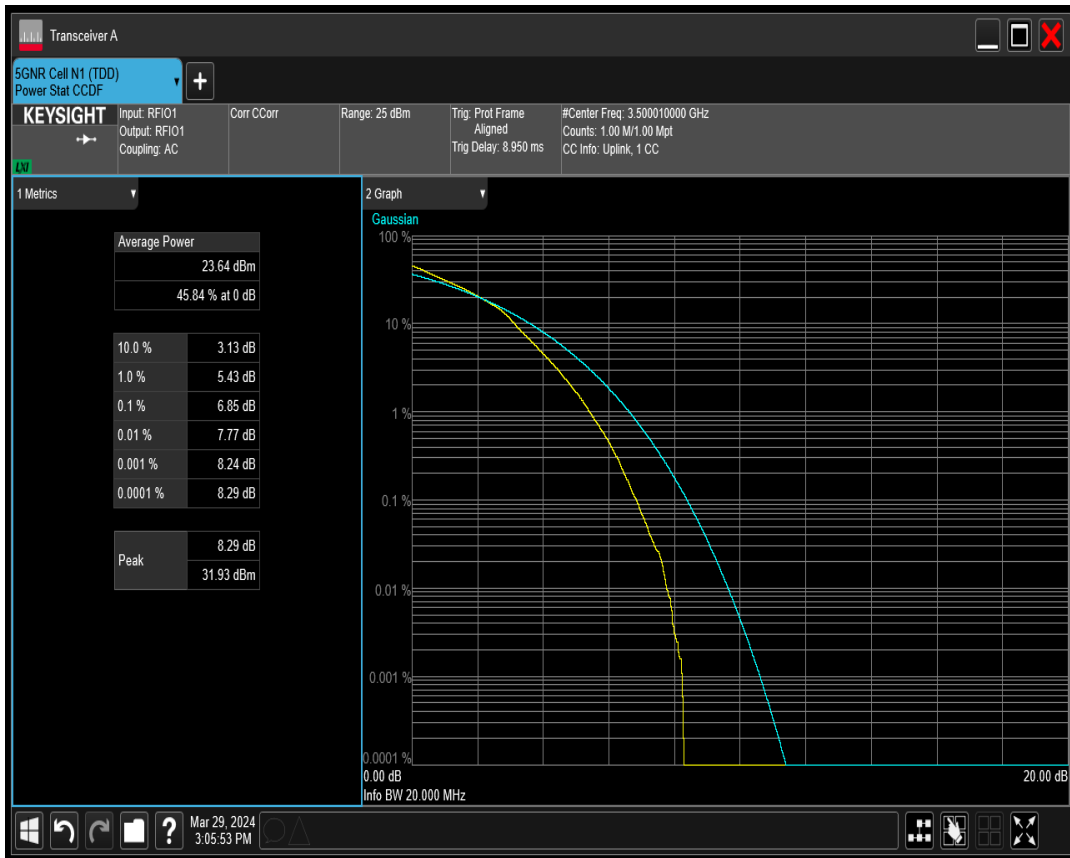
n77(3450-3550) SCS=15kHz DFT_BPSK BW=15MHz Channel=633334 RB=75@0



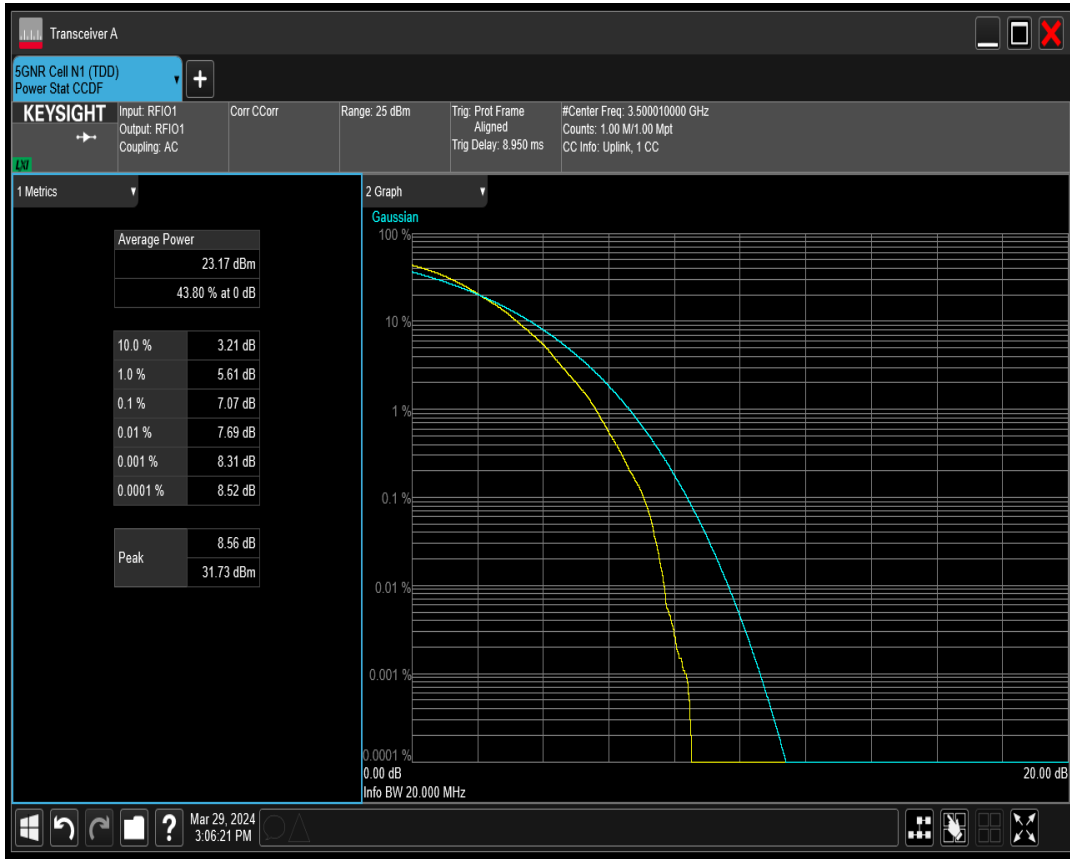
n77(3450-3550) SCS=15kHz DFT_QPSK BW=15MHz Channel=633334 RB=75@0



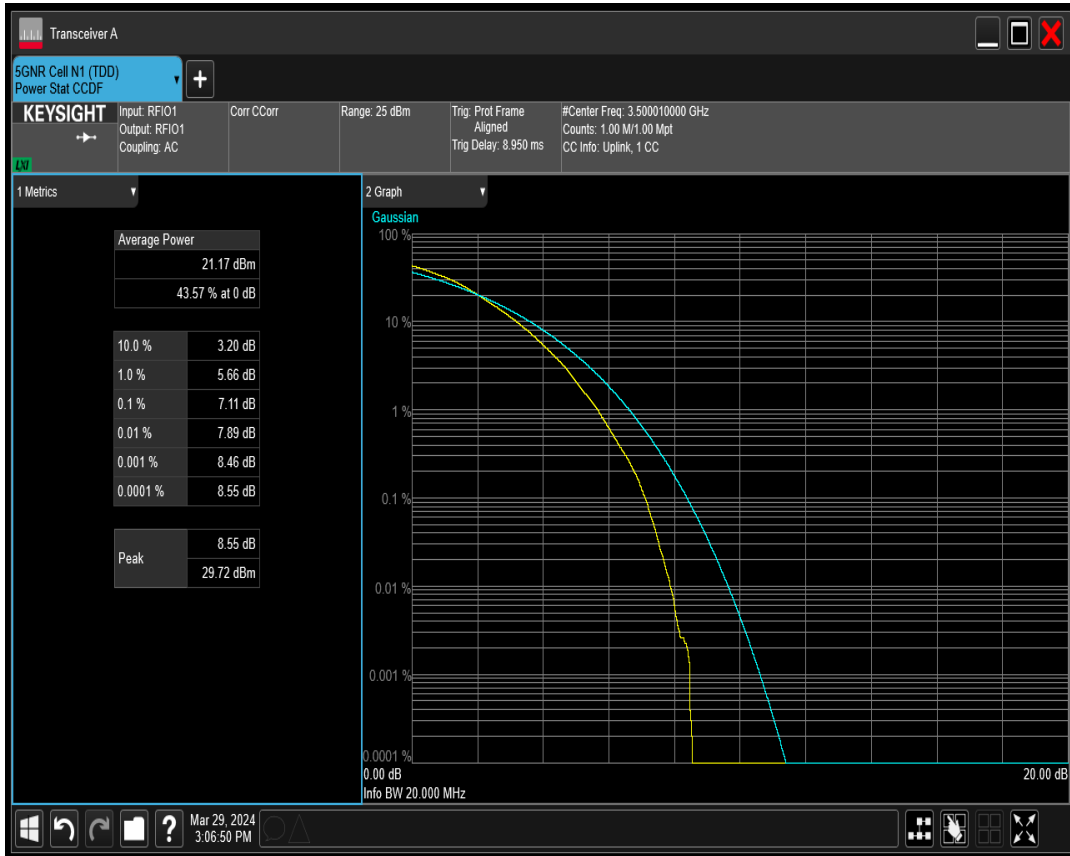
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=15MHz Channel=633334 RB=75@0



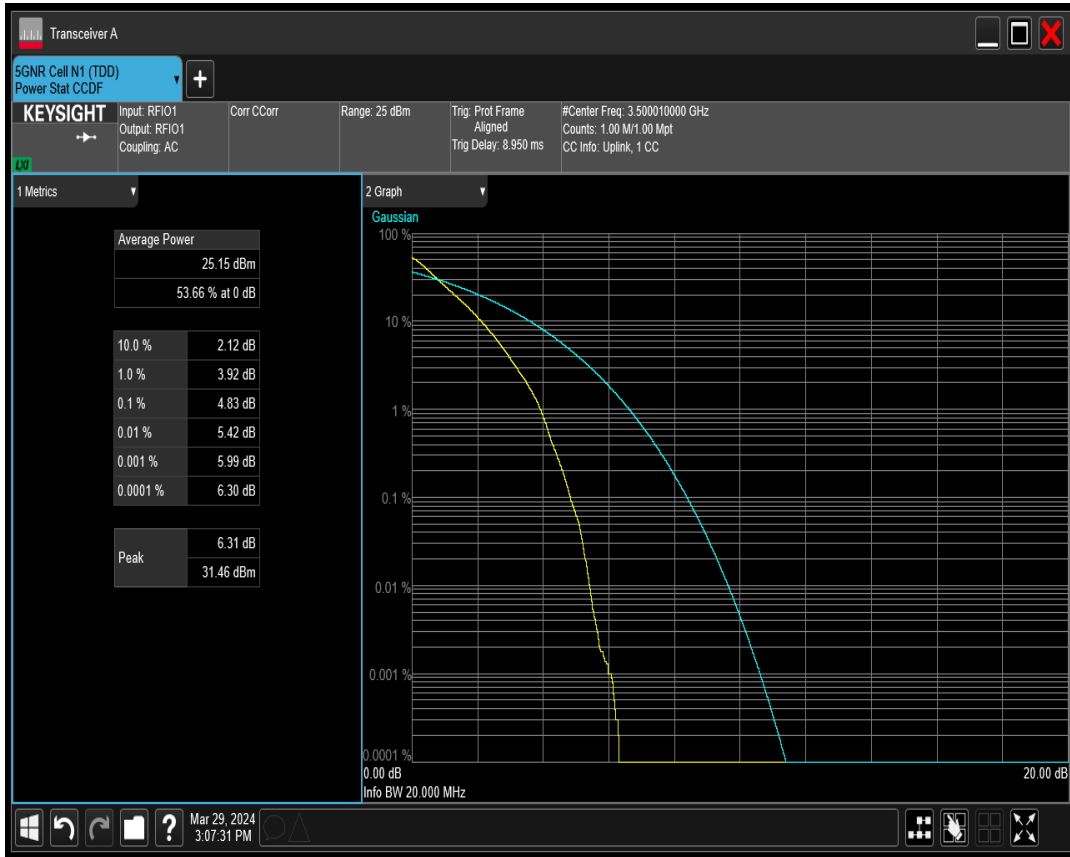
n77(3450-3550) SCS=15kHz DFT_QAM64 BW=15MHz Channel=633334 RB=75@0



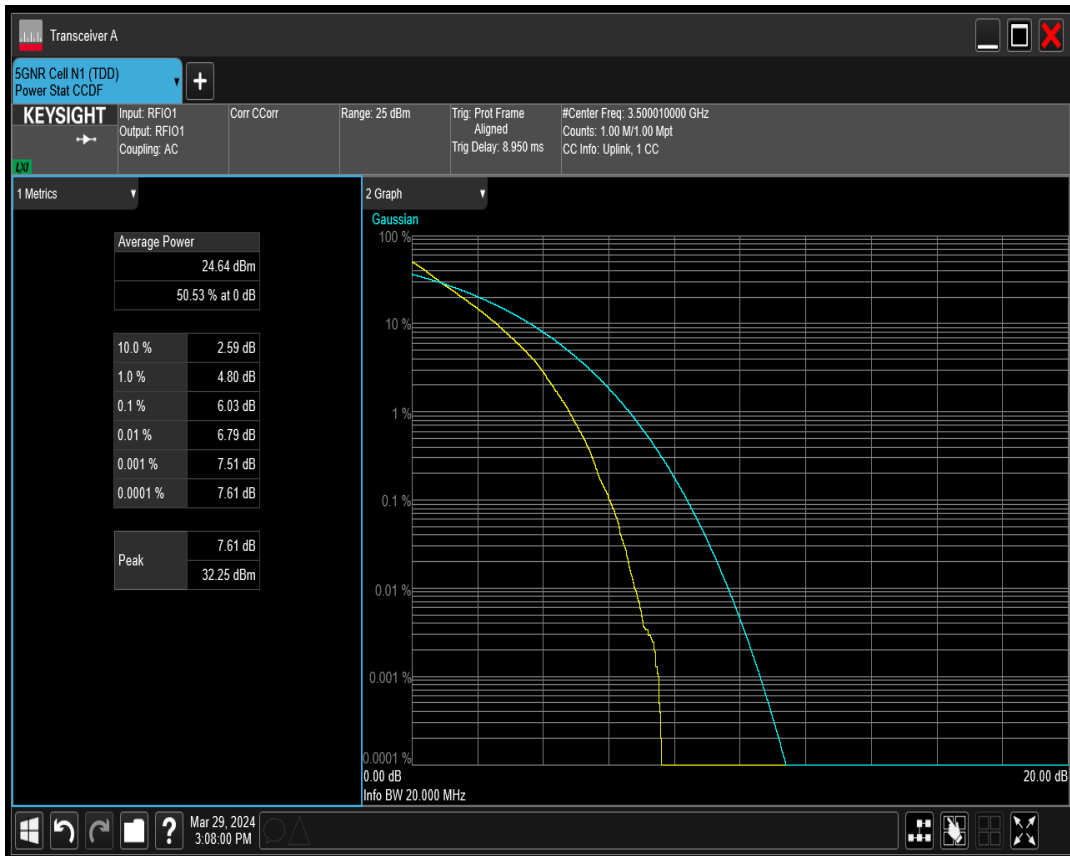
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=15MHz Channel=633334 RB=75@0



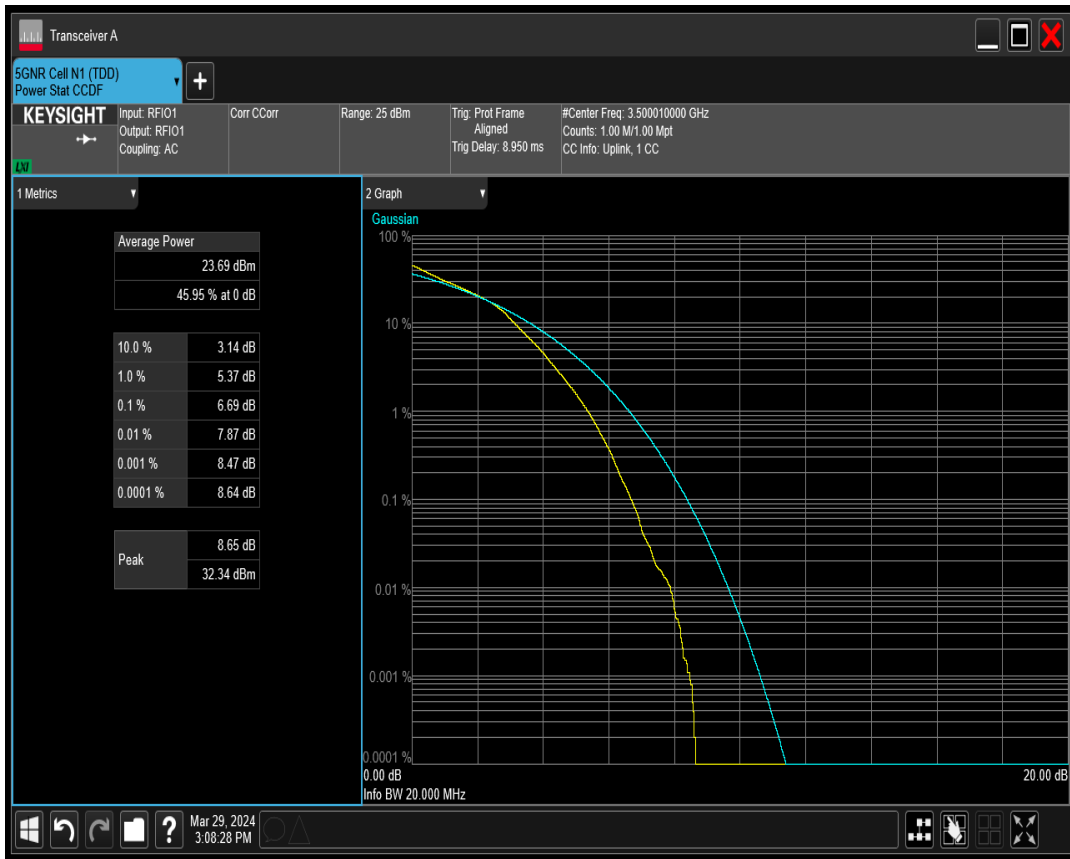
n77(3450-3550) SCS=15kHz DFT_BPSK BW=20MHz Channel=633334 RB=100@0



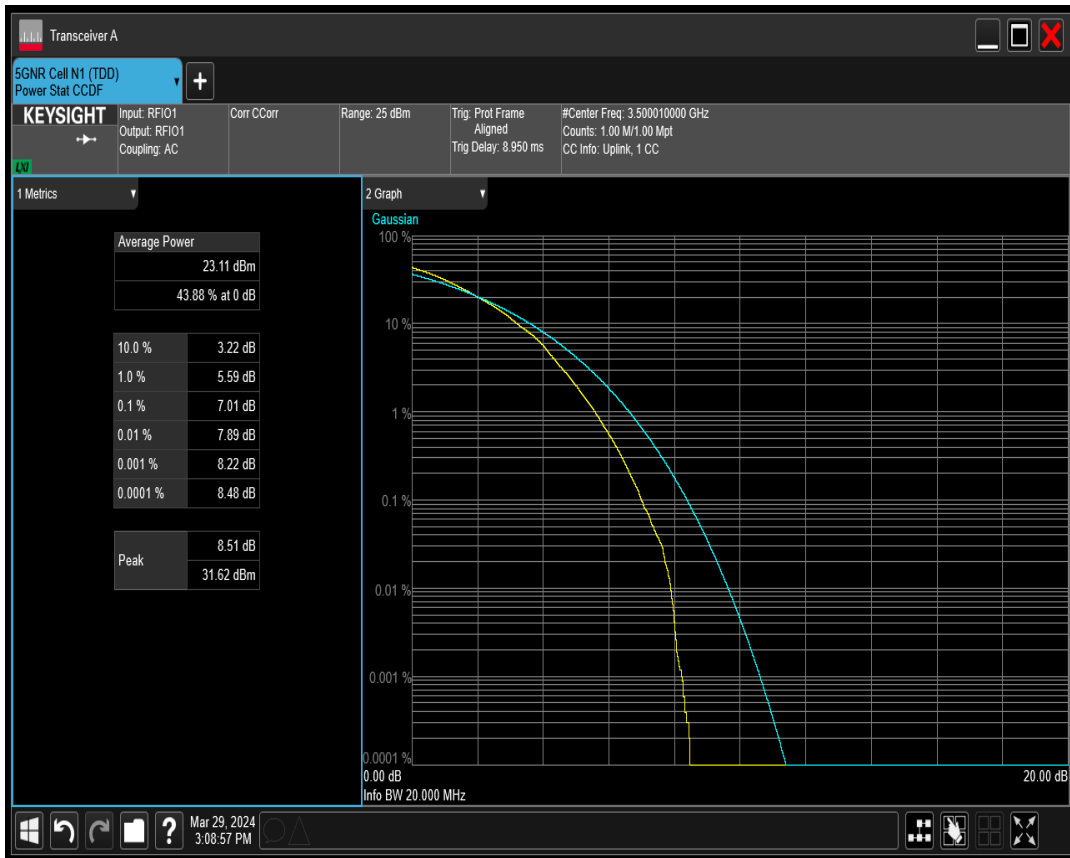
n77(3450-3550) SCS=15kHz DFT_QPSK BW=20MHz Channel=633334 RB=100@0



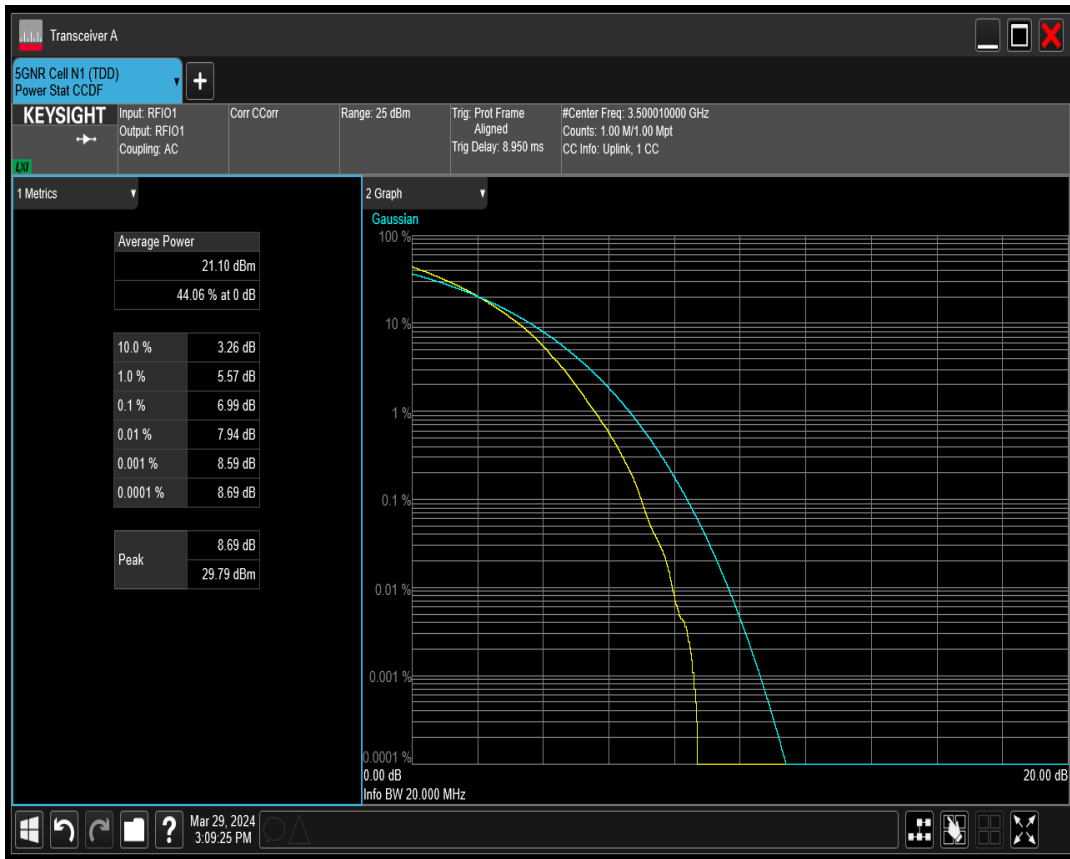
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=20MHz Channel=633334 RB=100@0



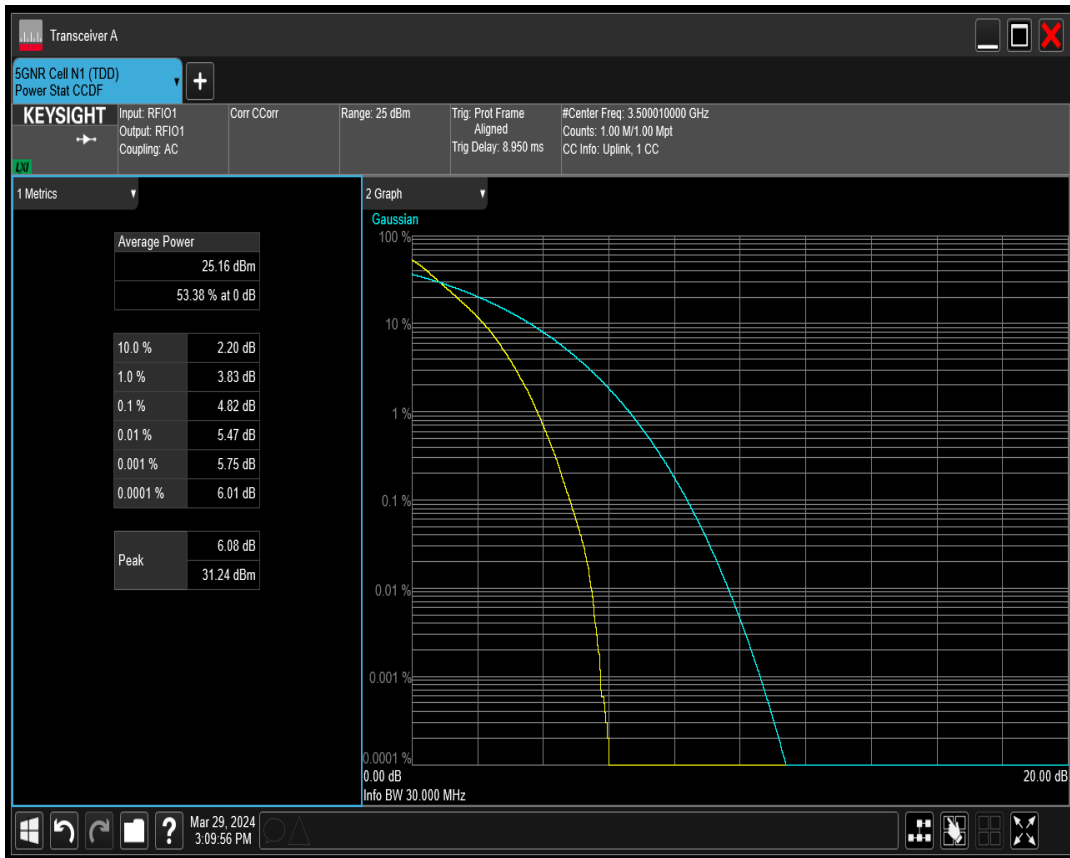
n77(3450-3550) SCS=15kHz DFT_QAM64 BW=20MHz Channel=633334 RB=100@0



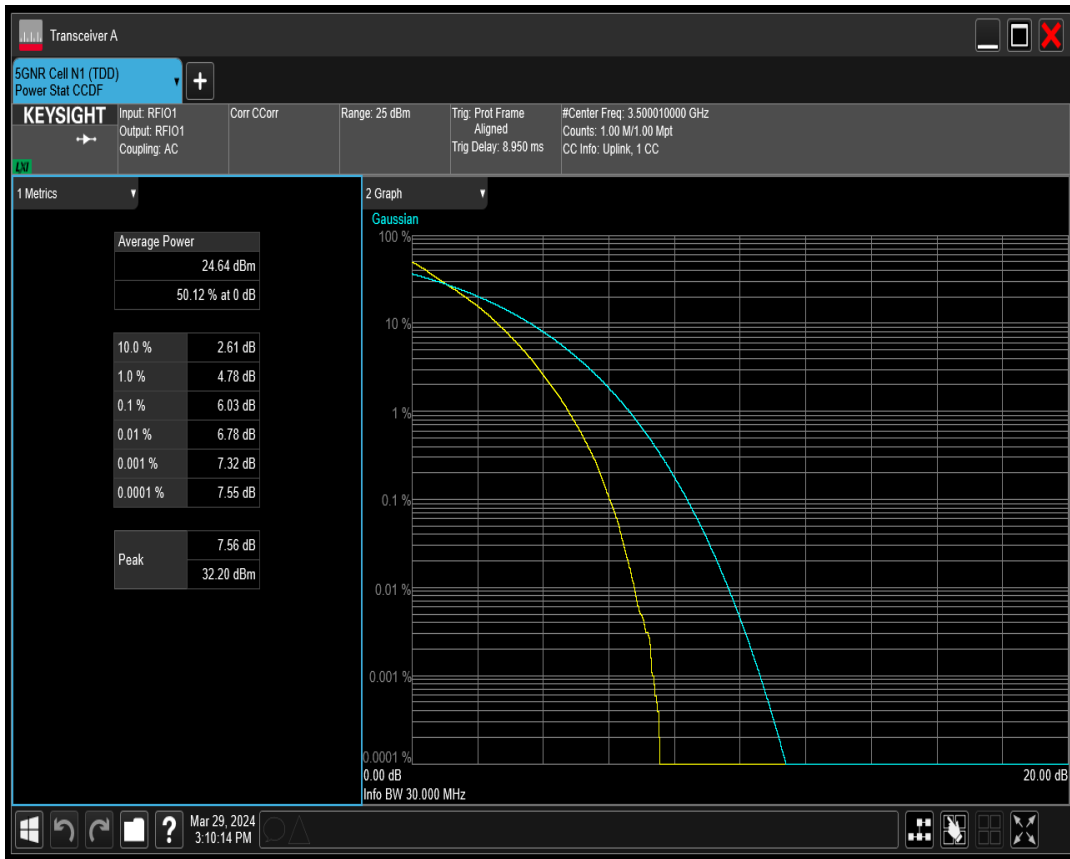
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=20MHz Channel=633334 RB=100@0



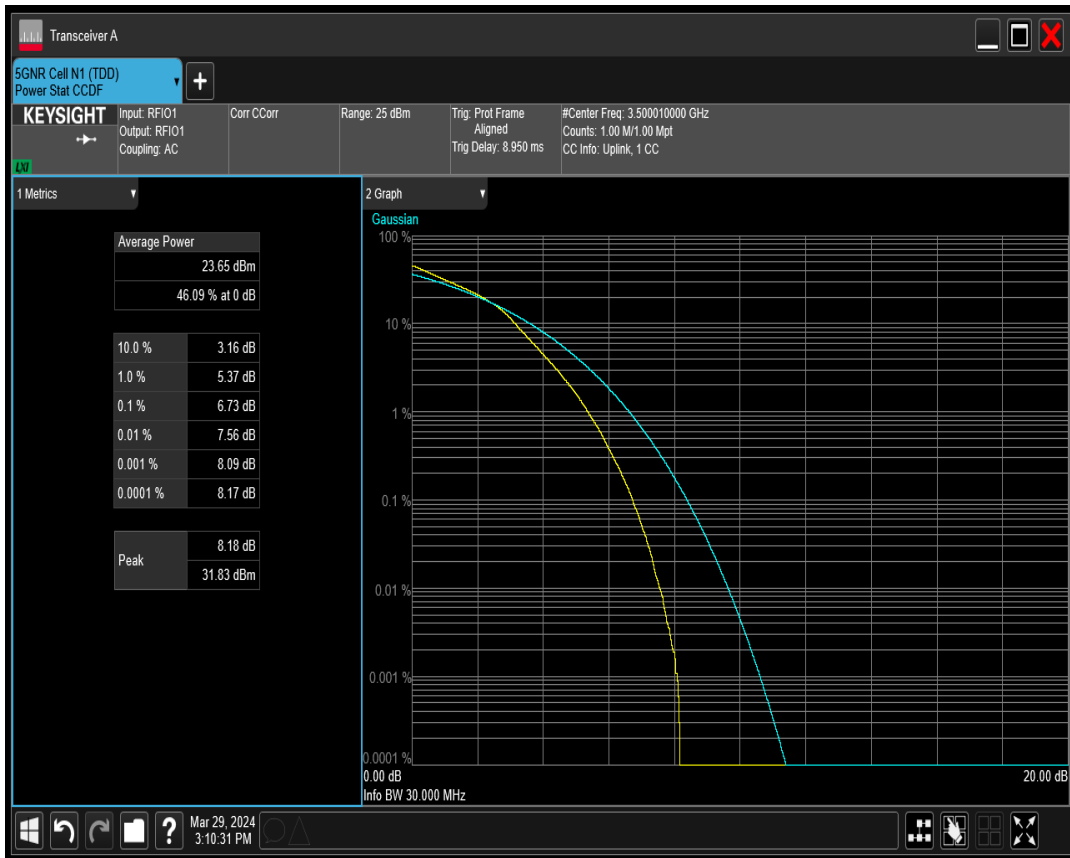
n77(3450-3550) SCS=15kHz DFT_BPSK BW=30MHz Channel=633334 RB=160@0



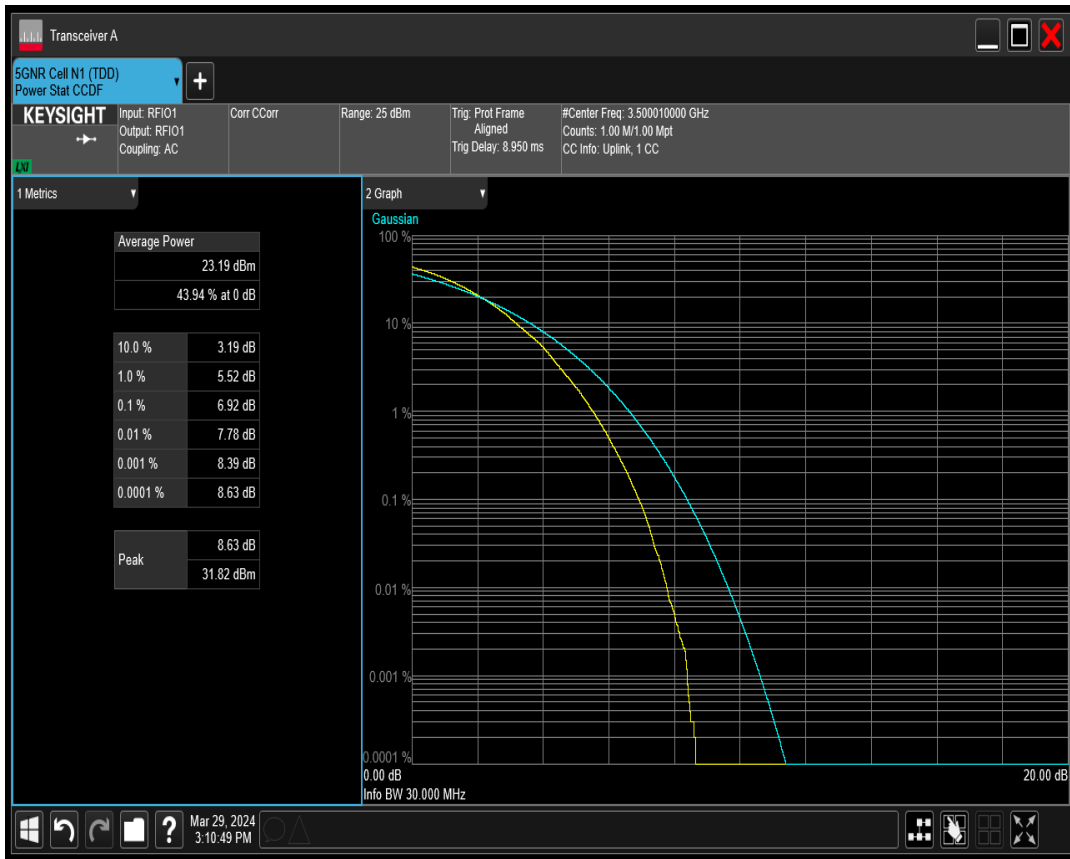
n77(3450-3550) SCS=15kHz DFT_QPSK BW=30MHz Channel=633334 RB=160@0



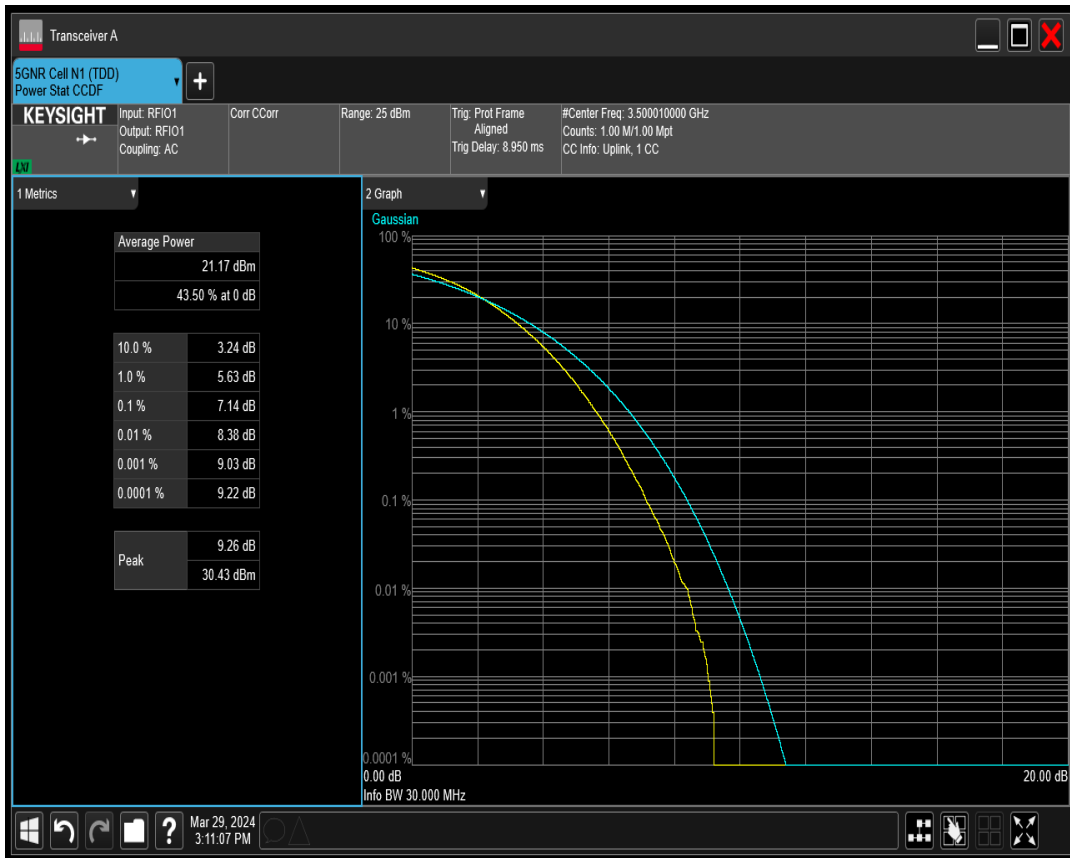
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=30MHz Channel=633334 RB=160@0



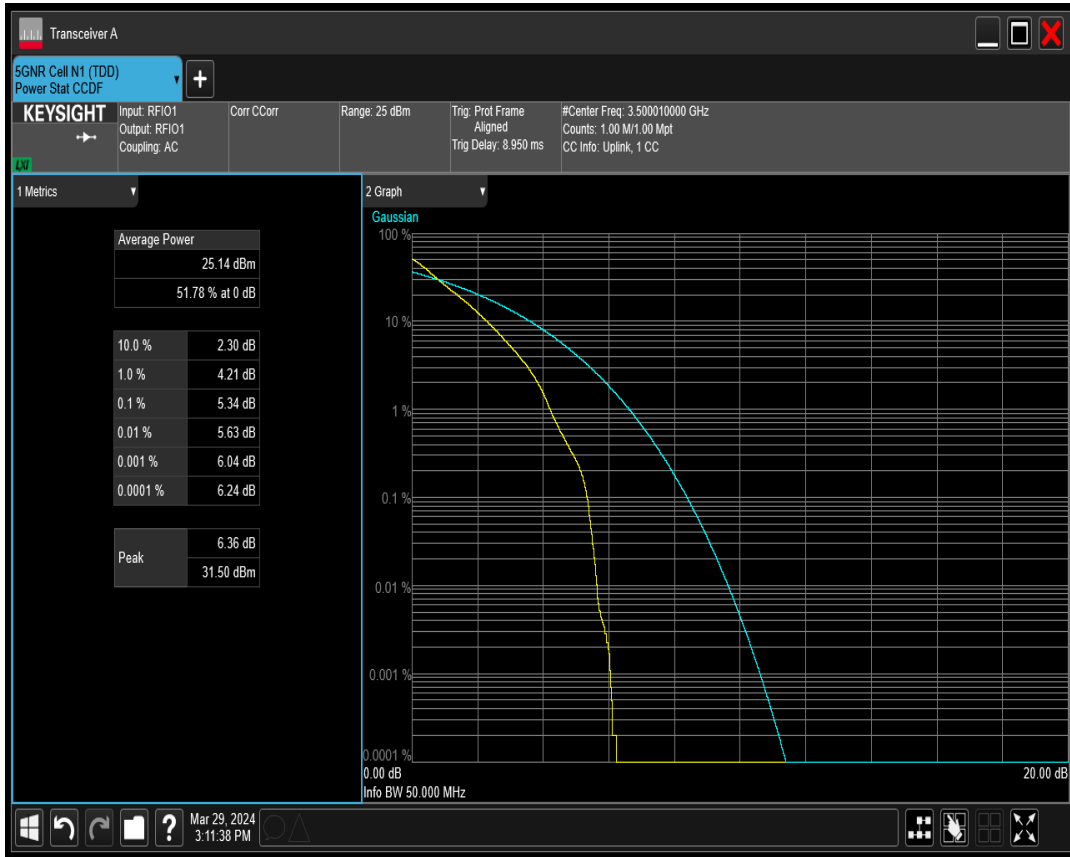
n77(3450-3550) SCS=15kHz DFT_QAM64 BW=30MHz Channel=633334 RB=160@0



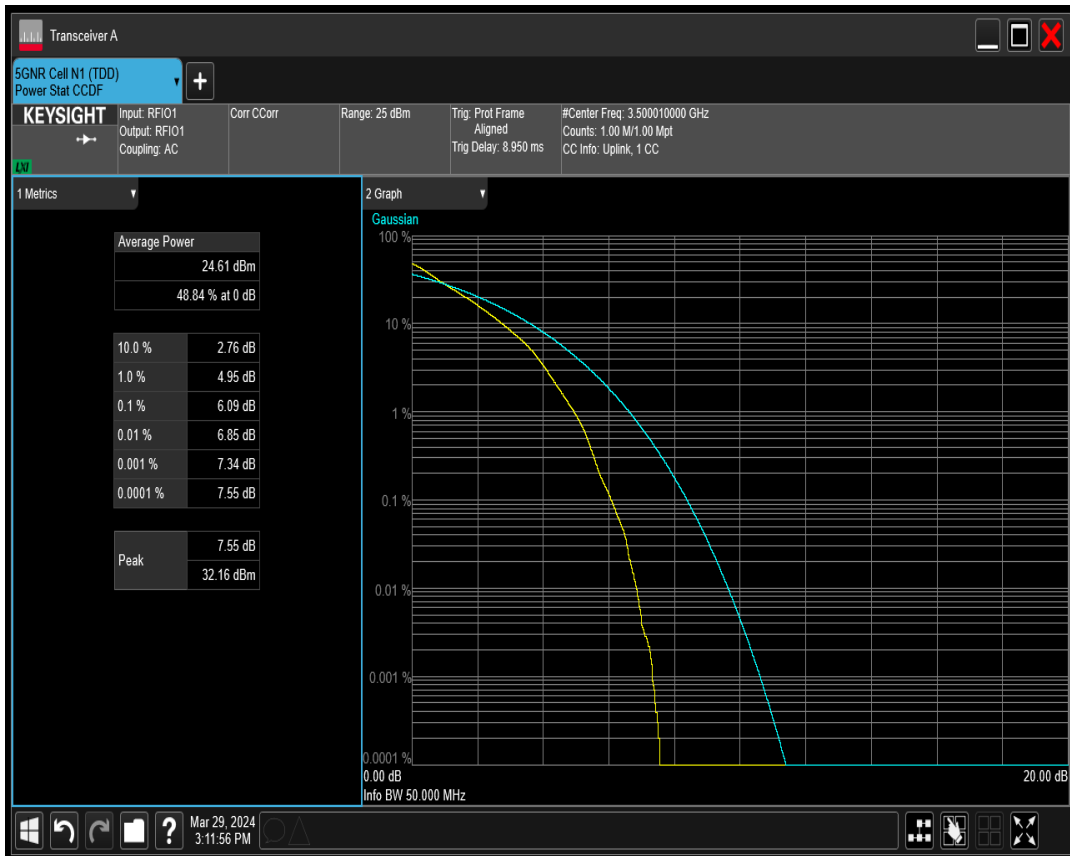
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=30MHz Channel=633334 RB=160@0



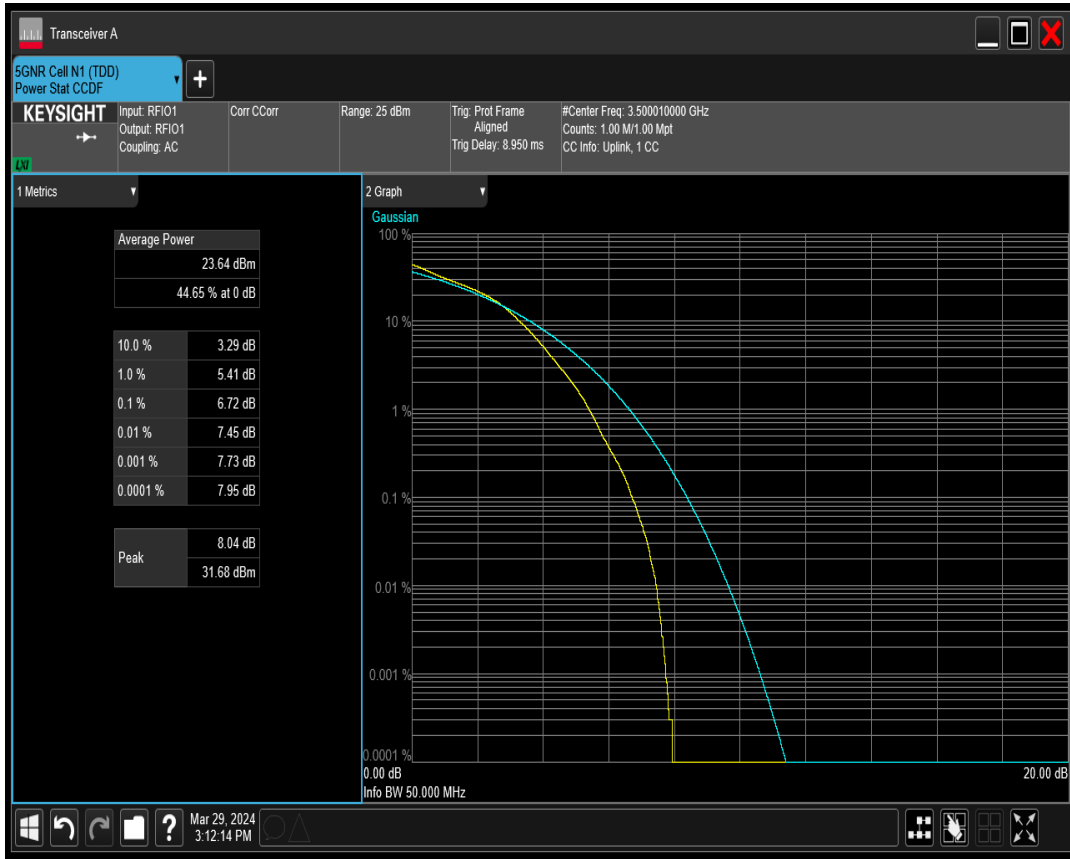
n77(3450-3550) SCS=15kHz DFT_BPSK BW=40MHz Channel=633334 RB=216@0



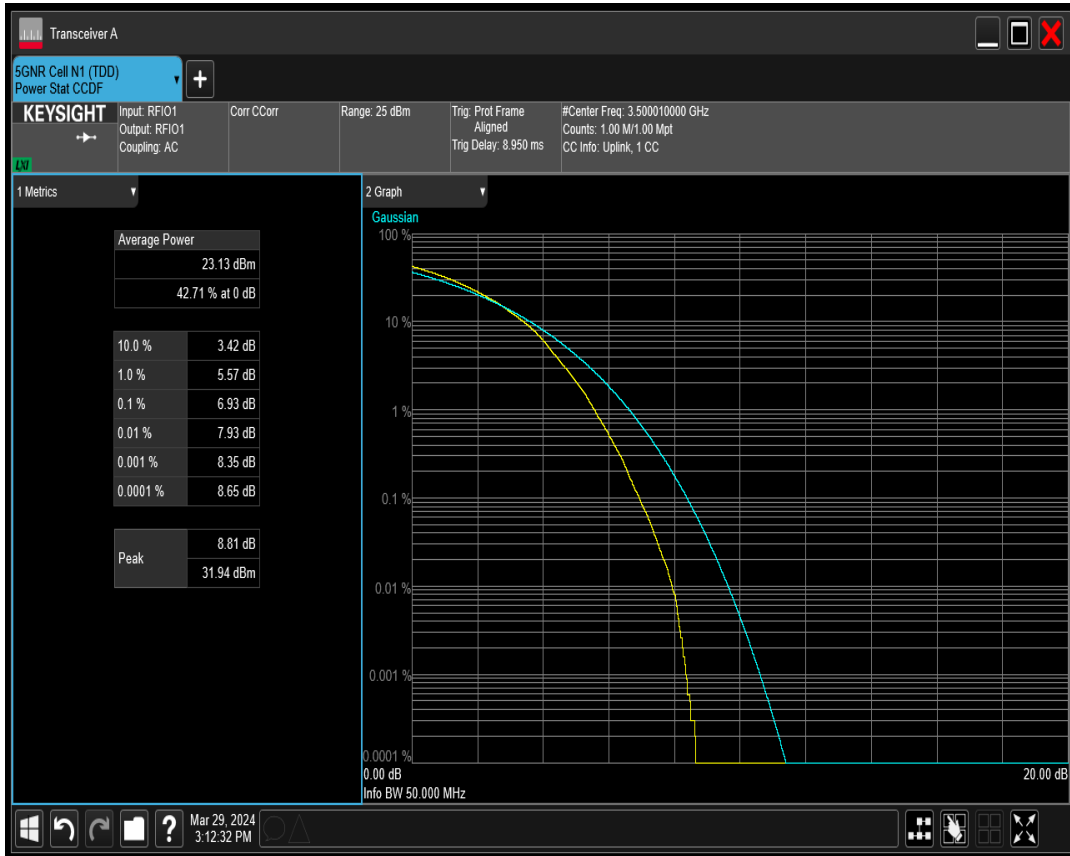
n77(3450-3550) SCS=15kHz DFT_QPSK BW=40MHz Channel=633334 RB=216@0



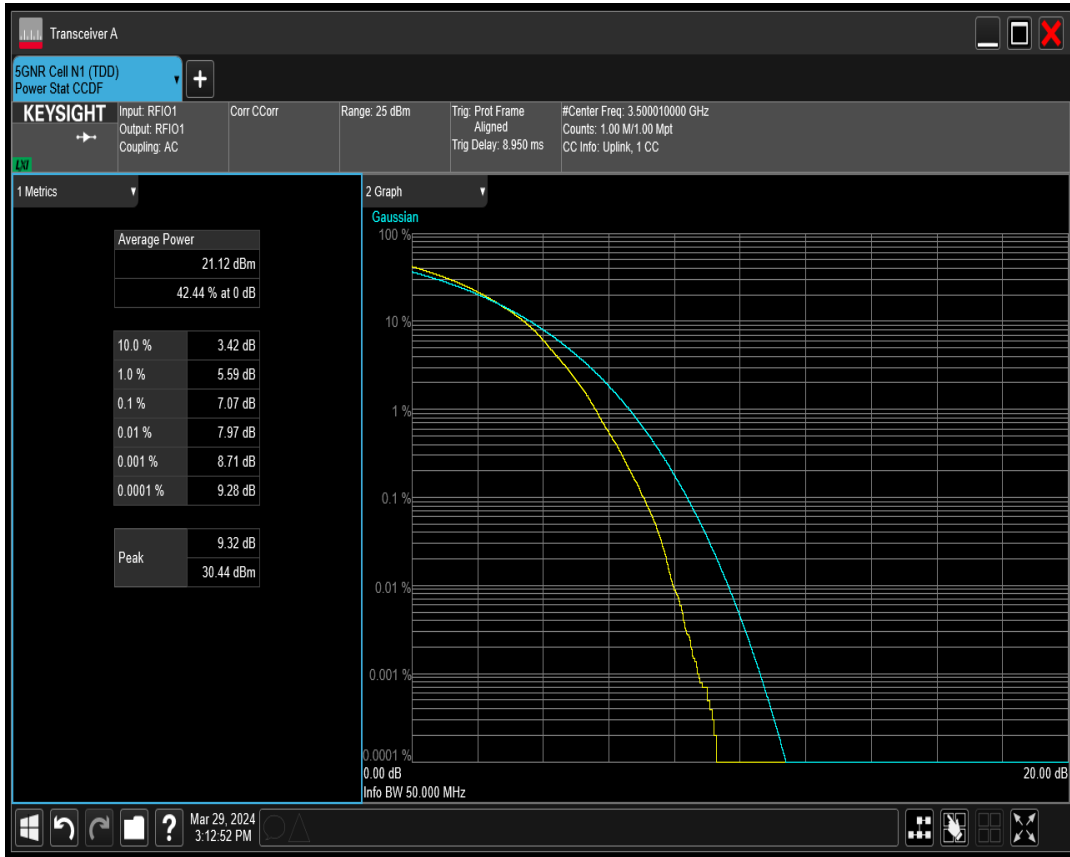
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=40MHz Channel=633334 RB=216@0



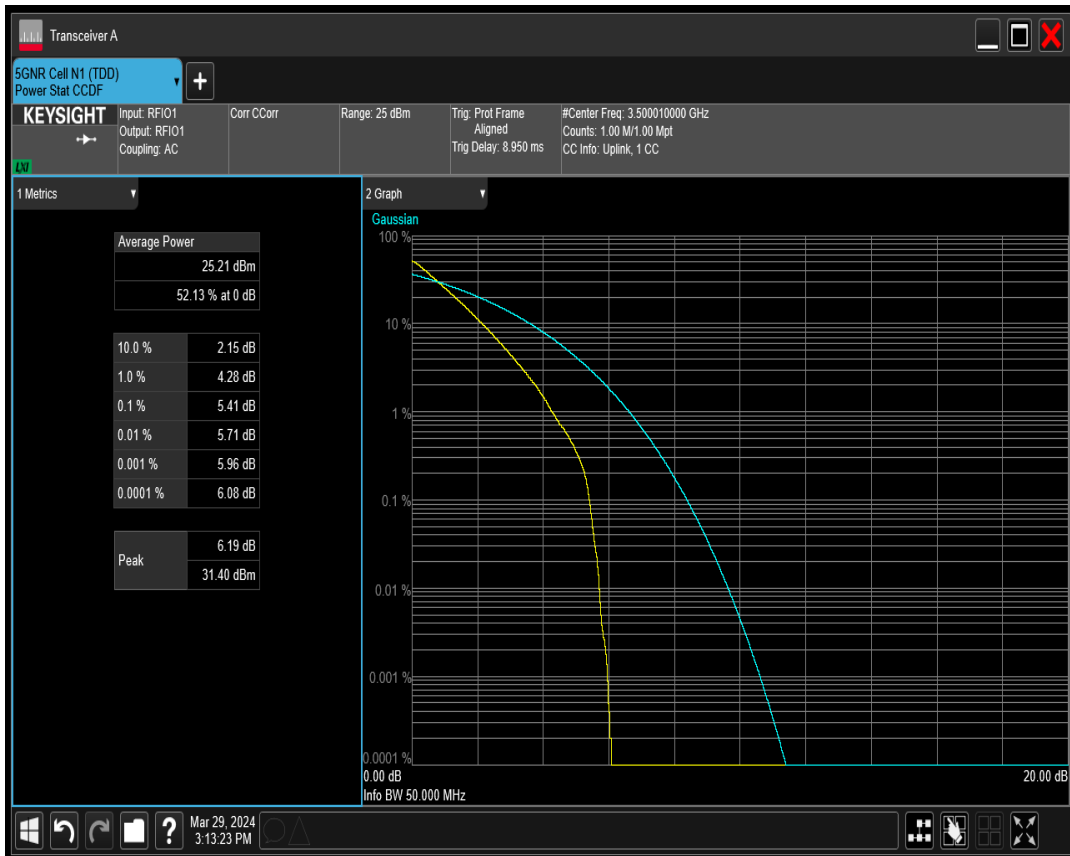
n77(3450-3550) SCS=15kHz DFT_QAM64 BW=40MHz Channel=633334 RB=216@0



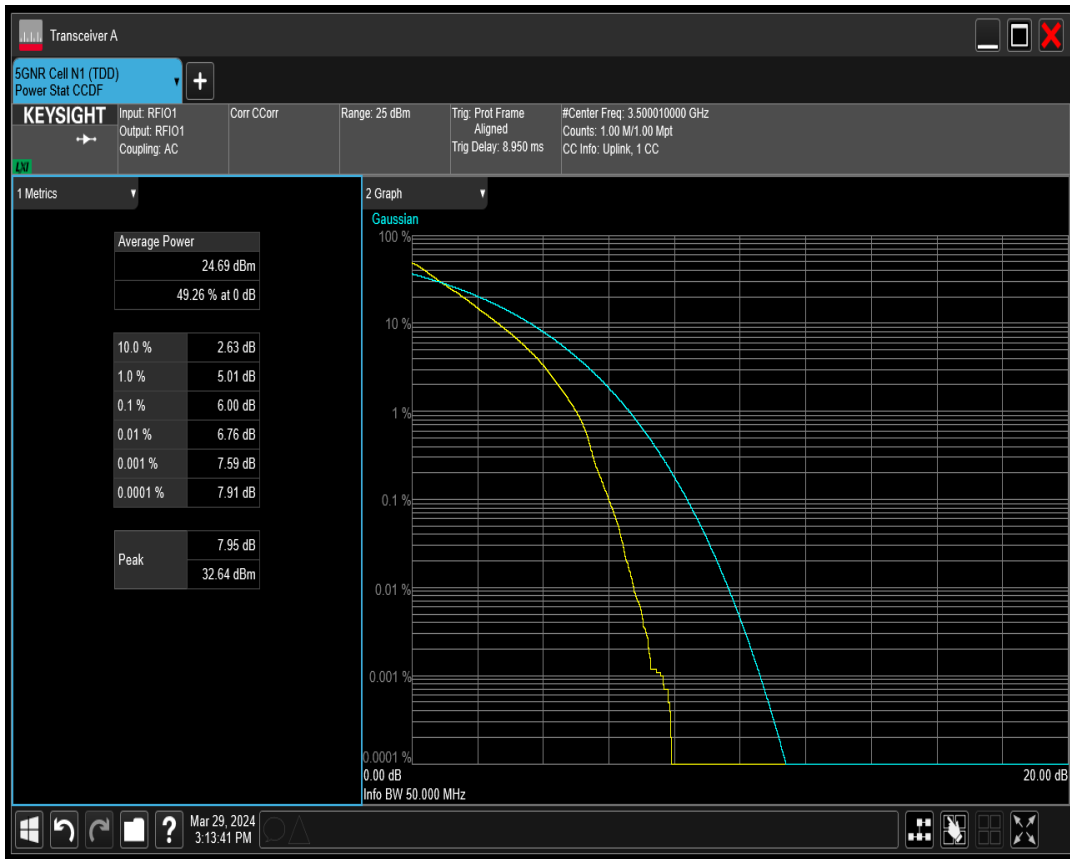
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=40MHz Channel=633334 RB=216@0



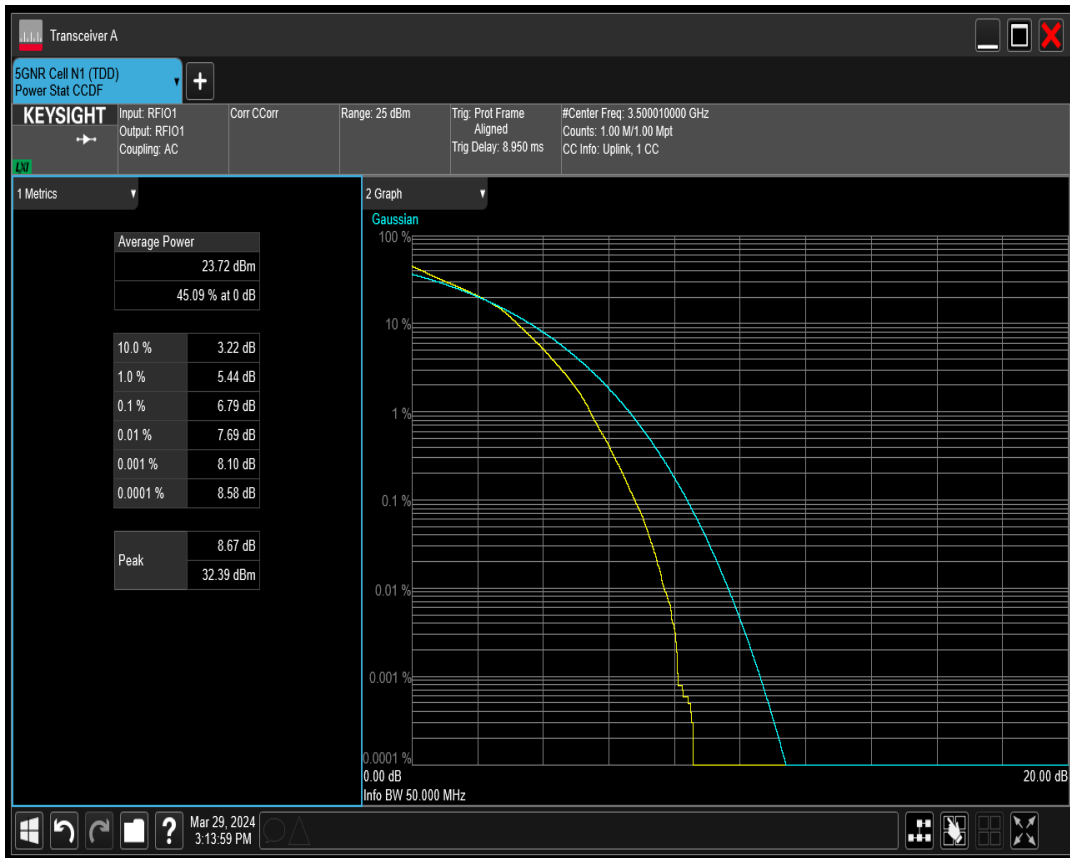
n77(3450-3550) SCS=15kHz DFT_BPSK BW=50MHz Channel=633334 RB=270@0



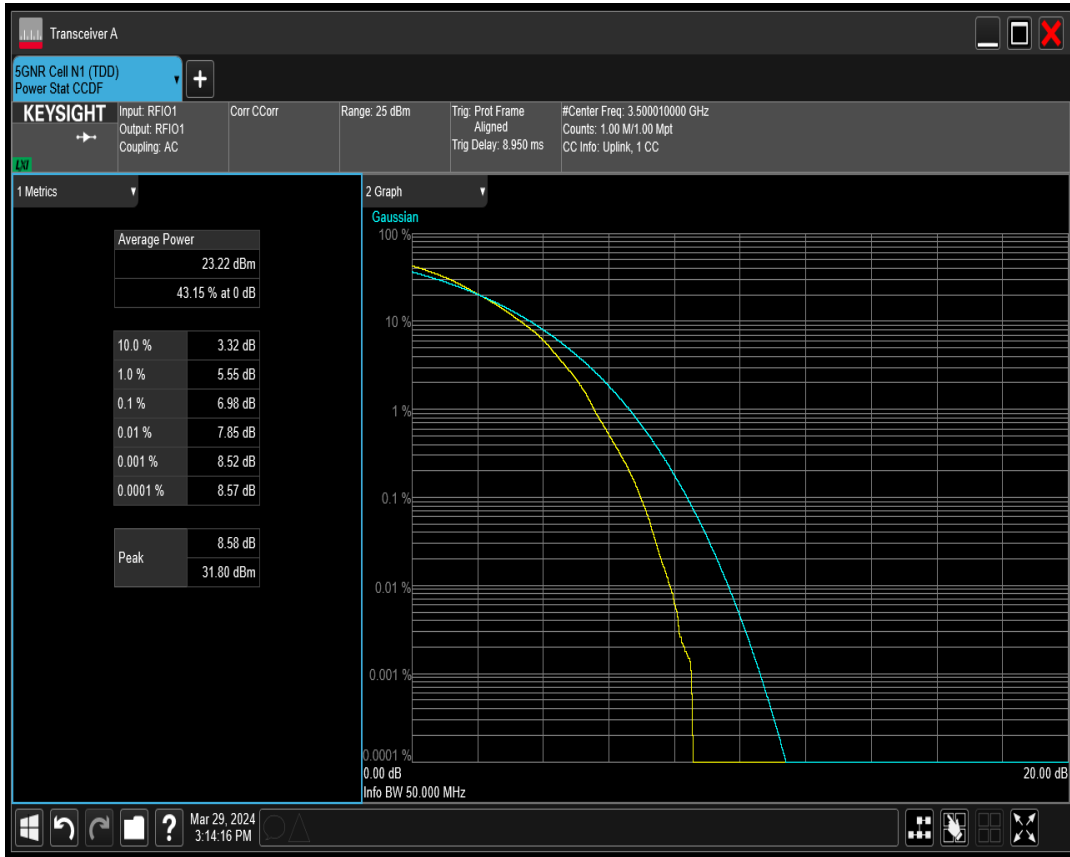
n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=633334 RB=270@0



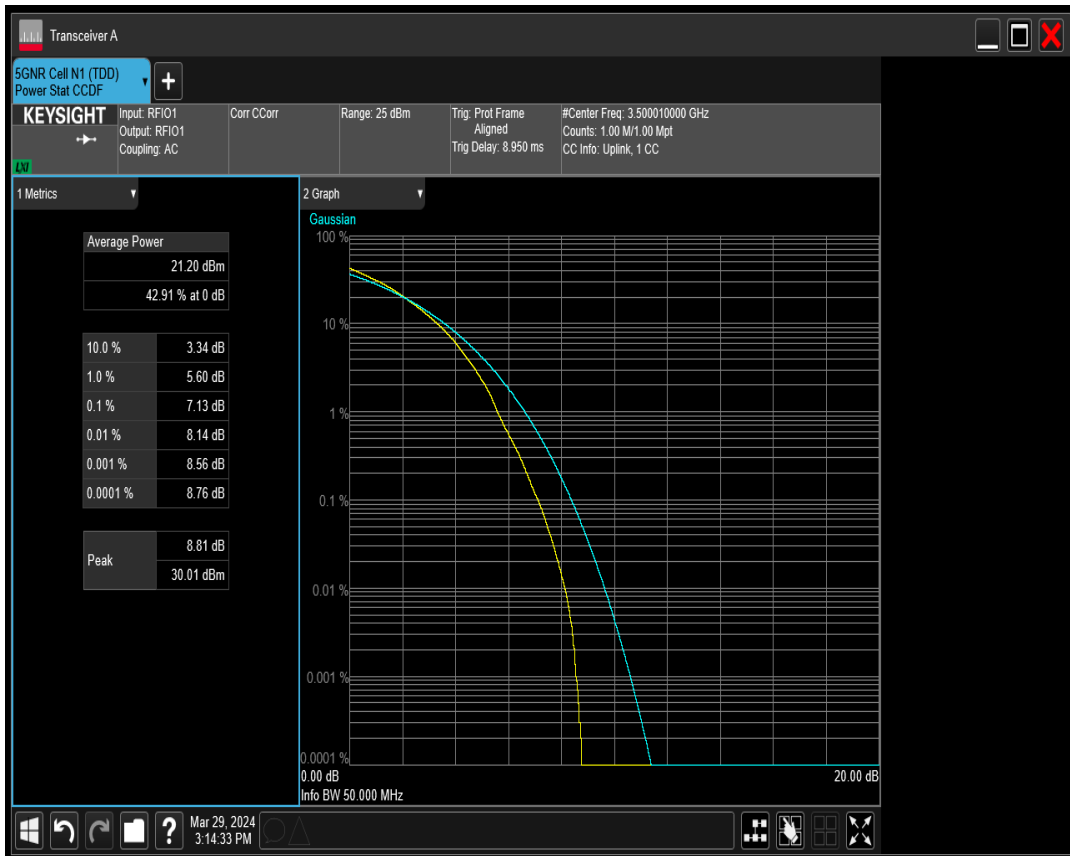
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=50MHz Channel=633334 RB=270@0



n77(3450-3550) SCS=15kHz DFT_QAM64 BW=50MHz Channel=633334 RB=270@0



n77(3450-3550) SCS=15kHz DFT_QAM256 BW=50MHz Channel=633334 RB=270@0



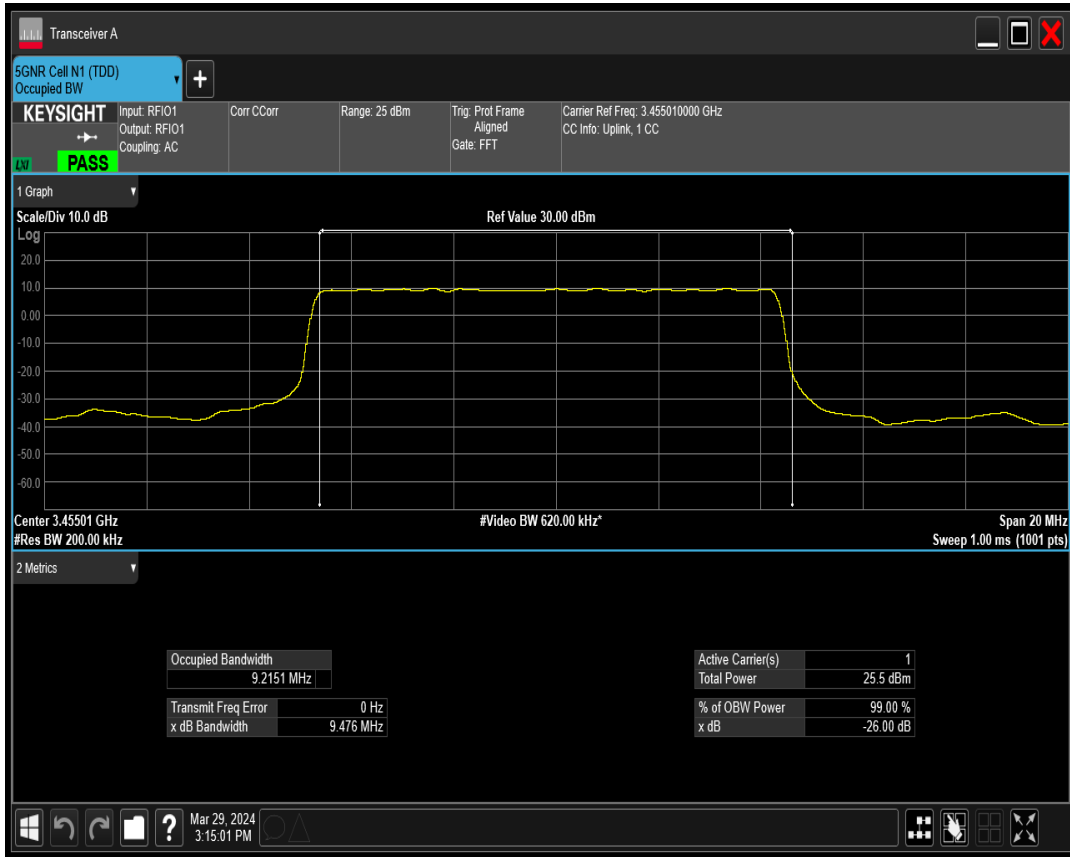
4 Occupied bandwidth for NR FR1

| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | 99% OBW (MHz) | -26dB EBW (MHz) | Verdict |
|----------------|-----------|-----------------|------------|---------------|------------|---------------|-----------------|---------|
| n77(3450-3550) | 15 | 10 | 630334 | 50@0 | DFT_BPSK | 9.220 | 9.480 | PASS |
| n77(3450-3550) | 15 | 10 | 630334 | 50@0 | DFT_QPSK | 9.250 | 9.480 | PASS |
| n77(3450-3550) | 15 | 10 | 630334 | 50@0 | DFT_QAM16 | 9.200 | 9.460 | PASS |
| n77(3450-3550) | 15 | 10 | 630334 | 50@0 | DFT_QAM64 | 9.250 | 9.500 | PASS |
| n77(3450-3550) | 15 | 10 | 630334 | 50@0 | DFT_QAM256 | 9.240 | 9.480 | PASS |
| n77(3450-3550) | 15 | 10 | 630334 | 52@0 | CP_QPSK | 9.320 | 9.830 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 50@0 | DFT_BPSK | 9.220 | 9.470 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 50@0 | DFT_QPSK | 9.210 | 9.480 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 50@0 | DFT_QAM16 | 9.240 | 9.480 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 50@0 | DFT_QAM64 | 9.250 | 9.500 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 50@0 | DFT_QAM256 | 9.240 | 9.480 | PASS |
| n77(3450-3550) | 15 | 10 | 633334 | 52@0 | CP_QPSK | 9.330 | 9.830 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 50@0 | DFT_BPSK | 9.210 | 9.480 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 50@0 | DFT_QPSK | 9.240 | 9.480 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 50@0 | DFT_QAM16 | 9.240 | 9.480 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 50@0 | DFT_QAM64 | 9.250 | 9.490 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 50@0 | DFT_QAM256 | 9.240 | 9.480 | PASS |
| n77(3450-3550) | 15 | 10 | 636332 | 52@0 | CP_QPSK | 9.330 | 9.840 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 75@0 | DFT_BPSK | 14.000 | 14.200 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 75@0 | DFT_QPSK | 13.990 | 14.190 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 75@0 | DFT_QAM16 | 13.990 | 14.190 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 75@0 | DFT_QAM64 | 13.990 | 14.200 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 75@0 | DFT_QAM256 | 14.040 | 14.210 | PASS |
| n77(3450-3550) | 15 | 15 | 630500 | 79@0 | CP_QPSK | 14.170 | 14.920 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 75@0 | DFT_BPSK | 14.000 | 14.200 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 75@0 | DFT_QPSK | 14.000 | 14.190 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 75@0 | DFT_QAM16 | 14.000 | 14.190 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 75@0 | DFT_QAM64 | 13.990 | 14.200 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 75@0 | DFT_QAM256 | 14.040 | 14.210 | PASS |
| n77(3450-3550) | 15 | 15 | 633334 | 79@0 | CP_QPSK | 14.170 | 14.910 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 75@0 | DFT_BPSK | 14.000 | 14.210 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 75@0 | DFT_QPSK | 14.000 | 14.200 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 75@0 | DFT_QAM16 | 13.990 | 14.190 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 75@0 | DFT_QAM64 | 13.990 | 14.200 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 75@0 | DFT_QAM256 | 14.040 | 14.220 | PASS |
| n77(3450-3550) | 15 | 15 | 636166 | 79@0 | CP_QPSK | 14.170 | 14.920 | PASS |
| n77(3450-3550) | 15 | 20 | 630668 | 100@0 | DFT_BPSK | 18.750 | 18.900 | PASS |
| n77(3450-3550) | 15 | 20 | 630668 | 100@0 | DFT_QPSK | 18.760 | 18.910 | PASS |
| n77(3450-3550) | 15 | 20 | 630668 | 100@0 | DFT_QAM16 | 18.750 | 18.900 | PASS |

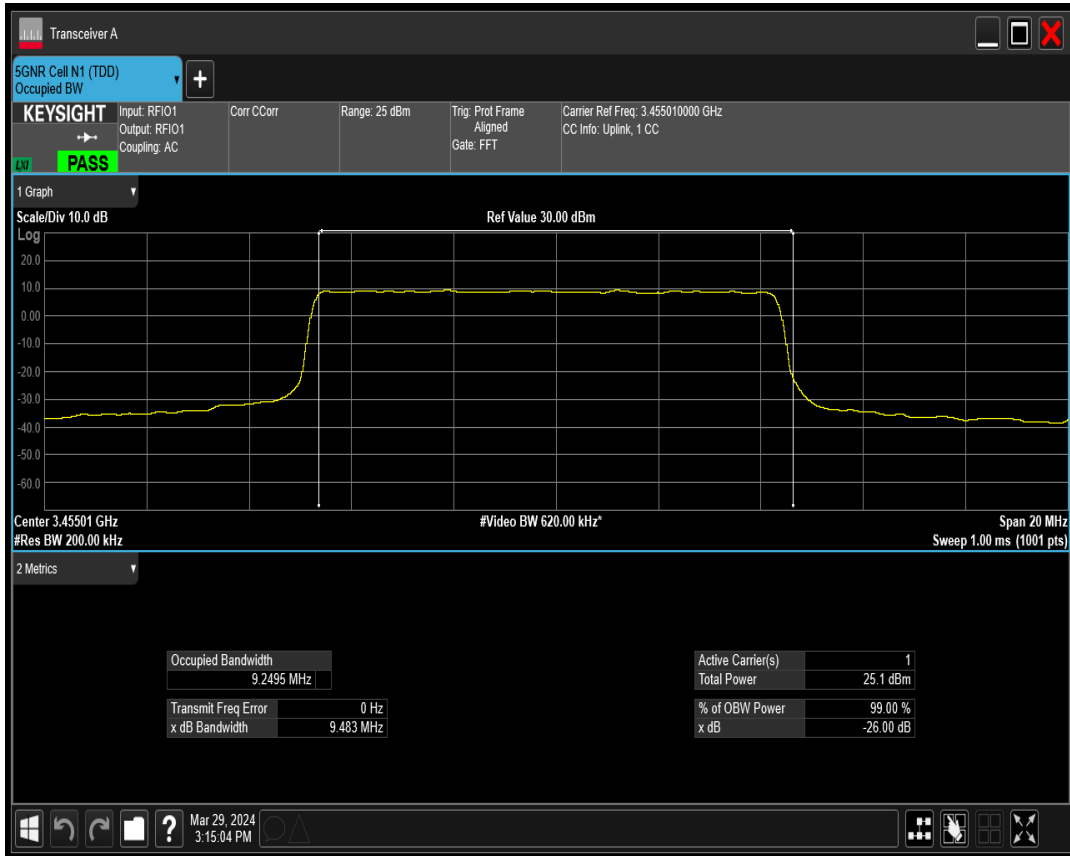
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|----------------|----|----|--------|-------|------------|--------|--------|------|
| n77(3450-3550) | 15 | 20 | 630668 | 100@0 | DFT_QAM64 | 18.810 | 18.910 | PASS |
| n77(3450-3550) | 15 | 20 | 630668 | 100@0 | DFT_QAM256 | 18.810 | 18.910 | PASS |
| n77(3450-3550) | 15 | 20 | 630668 | 106@0 | CP_QPSK | 18.980 | 19.980 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 100@0 | DFT_BPSK | 18.810 | 18.900 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 100@0 | DFT_QPSK | 18.810 | 18.910 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 100@0 | DFT_QAM16 | 18.820 | 18.920 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 100@0 | DFT_QAM64 | 18.800 | 18.910 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 100@0 | DFT_QAM256 | 18.830 | 18.910 | PASS |
| n77(3450-3550) | 15 | 20 | 633334 | 106@0 | CP_QPSK | 18.990 | 19.980 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 100@0 | DFT_BPSK | 18.800 | 18.900 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 100@0 | DFT_QPSK | 18.760 | 18.920 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 100@0 | DFT_QAM16 | 18.810 | 18.910 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 100@0 | DFT_QAM64 | 18.810 | 18.910 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 100@0 | DFT_QAM256 | 18.810 | 18.920 | PASS |
| n77(3450-3550) | 15 | 20 | 636000 | 106@0 | CP_QPSK | 18.990 | 19.980 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 160@0 | DFT_BPSK | 28.700 | 30.210 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 160@0 | DFT_QPSK | 28.690 | 30.180 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 160@0 | DFT_QAM16 | 28.700 | 30.200 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 160@0 | DFT_QAM64 | 28.690 | 30.190 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 160@0 | DFT_QAM256 | 28.680 | 30.180 | PASS |
| n77(3450-3550) | 15 | 30 | 631000 | 160@0 | CP_QPSK | 28.690 | 30.200 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 160@0 | DFT_BPSK | 28.700 | 30.210 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 160@0 | DFT_QPSK | 28.690 | 30.190 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 160@0 | DFT_QAM16 | 28.690 | 30.190 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 160@0 | DFT_QAM64 | 28.690 | 30.190 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 160@0 | DFT_QAM256 | 28.680 | 30.180 | PASS |
| n77(3450-3550) | 15 | 30 | 633334 | 160@0 | CP_QPSK | 28.690 | 30.210 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 160@0 | DFT_BPSK | 28.690 | 30.200 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 160@0 | DFT_QPSK | 28.700 | 30.210 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 160@0 | DFT_QAM16 | 28.700 | 30.200 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 160@0 | DFT_QAM64 | 28.690 | 30.190 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 160@0 | DFT_QAM256 | 28.680 | 30.180 | PASS |
| n77(3450-3550) | 15 | 30 | 635666 | 160@0 | CP_QPSK | 28.700 | 30.200 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 216@0 | DFT_BPSK | 38.720 | 40.720 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 216@0 | DFT_QPSK | 38.720 | 40.720 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 216@0 | DFT_QAM16 | 38.750 | 40.740 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 216@0 | DFT_QAM64 | 38.730 | 40.720 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 216@0 | DFT_QAM256 | 38.730 | 40.720 | PASS |
| n77(3450-3550) | 15 | 40 | 631334 | 216@0 | CP_QPSK | 38.730 | 40.740 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 216@0 | DFT_BPSK | 38.740 | 40.730 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 216@0 | DFT_QPSK | 38.730 | 40.730 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 216@0 | DFT_QAM16 | 38.740 | 40.730 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 216@0 | DFT_QAM64 | 38.730 | 40.730 | PASS |

| | | | | | | | | |
|----------------|----|----|--------|-------|------------|--------|--------|------|
| n77(3450-3550) | 15 | 40 | 633334 | 216@0 | DFT_QAM256 | 38.750 | 40.740 | PASS |
| n77(3450-3550) | 15 | 40 | 633334 | 216@0 | CP_QPSK | 38.740 | 40.740 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 216@0 | DFT_BPSK | 38.740 | 40.740 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 216@0 | DFT_QPSK | 38.730 | 40.720 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 216@0 | DFT_QAM16 | 38.750 | 40.740 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 216@0 | DFT_QAM64 | 38.730 | 40.730 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 216@0 | DFT_QAM256 | 38.740 | 40.720 | PASS |
| n77(3450-3550) | 15 | 40 | 635332 | 216@0 | CP_QPSK | 38.740 | 40.740 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 270@0 | DFT_BPSK | 48.410 | 50.870 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 270@0 | DFT_QPSK | 48.290 | 50.840 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 270@0 | DFT_QAM16 | 48.410 | 50.840 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 270@0 | DFT_QAM64 | 48.410 | 50.870 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 270@0 | DFT_QAM256 | 48.290 | 50.830 | PASS |
| n77(3450-3550) | 15 | 50 | 631668 | 270@0 | CP_QPSK | 48.410 | 50.850 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 270@0 | DFT_BPSK | 48.430 | 50.870 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 270@0 | DFT_QPSK | 48.420 | 50.840 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 270@0 | DFT_QAM16 | 48.420 | 50.850 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 270@0 | DFT_QAM64 | 48.300 | 50.830 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 270@0 | DFT_QAM256 | 48.400 | 50.830 | PASS |
| n77(3450-3550) | 15 | 50 | 633334 | 270@0 | CP_QPSK | 48.410 | 50.850 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 270@0 | DFT_BPSK | 48.430 | 50.870 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 270@0 | DFT_QPSK | 48.300 | 50.840 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 270@0 | DFT_QAM16 | 48.420 | 50.850 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 270@0 | DFT_QAM64 | 48.420 | 50.880 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 270@0 | DFT_QAM256 | 48.400 | 50.830 | PASS |
| n77(3450-3550) | 15 | 50 | 635000 | 270@0 | CP_QPSK | 48.420 | 50.870 | PASS |

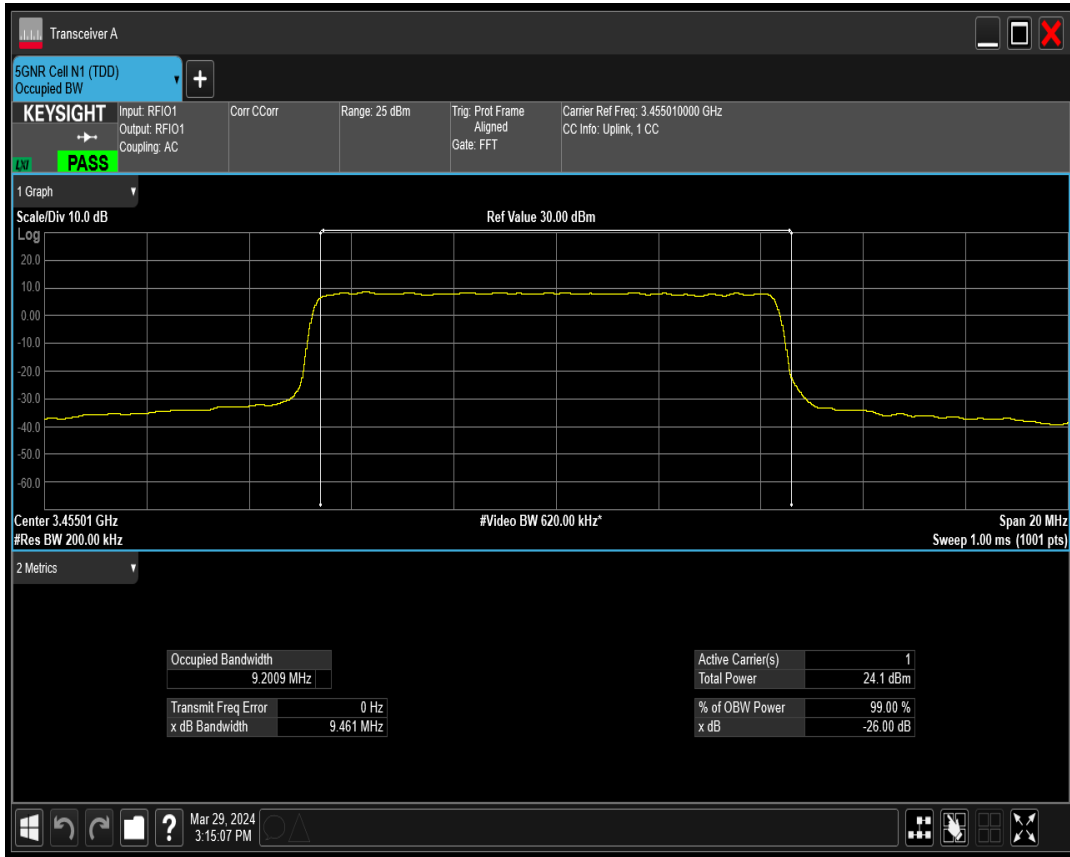
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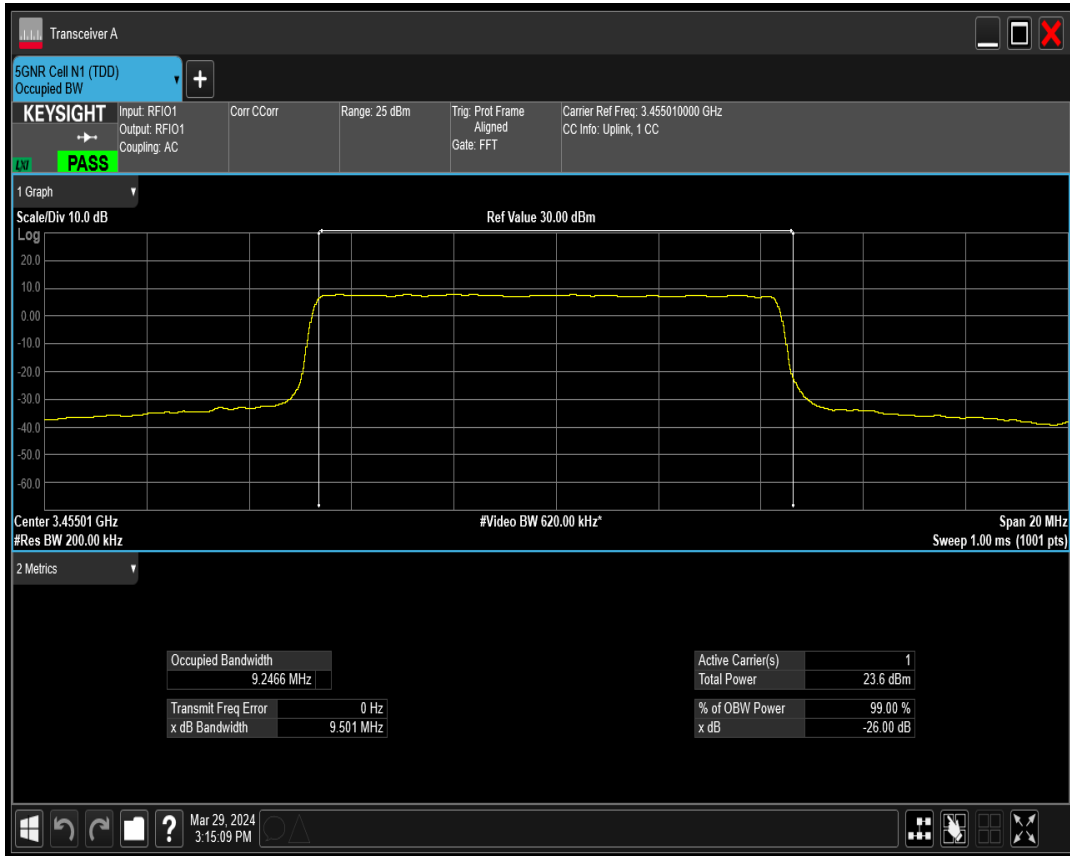
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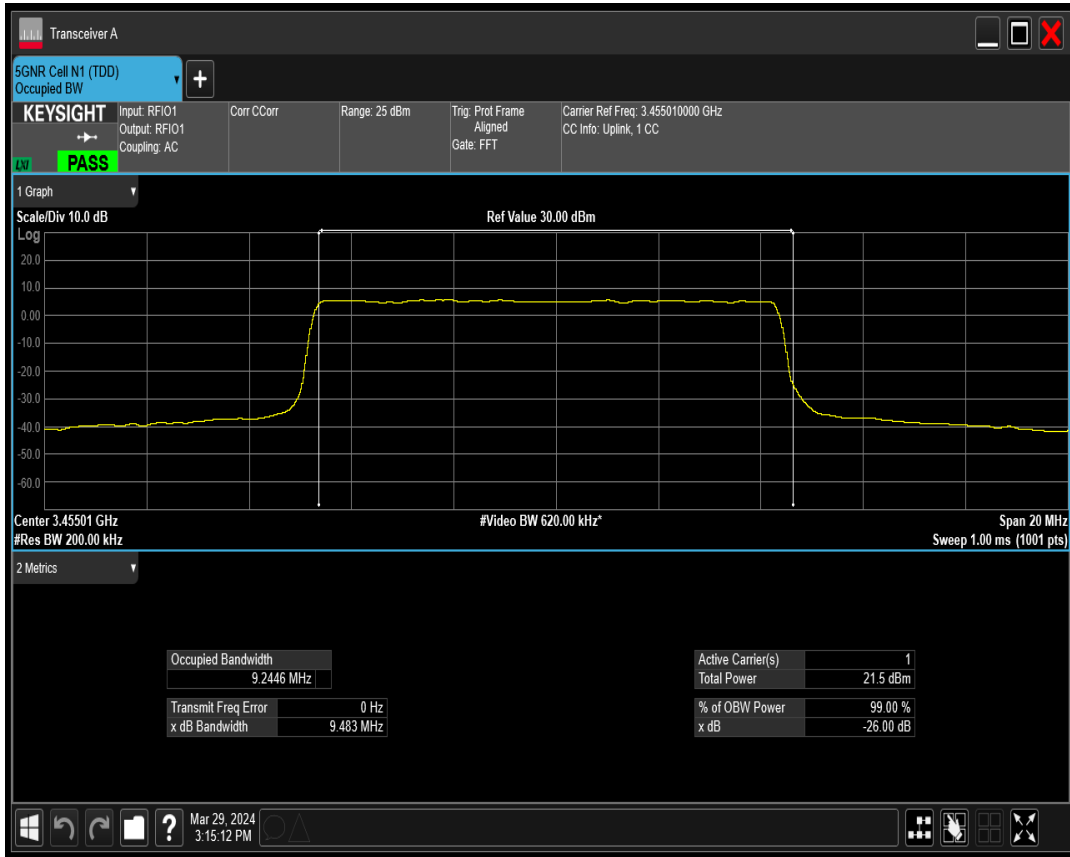
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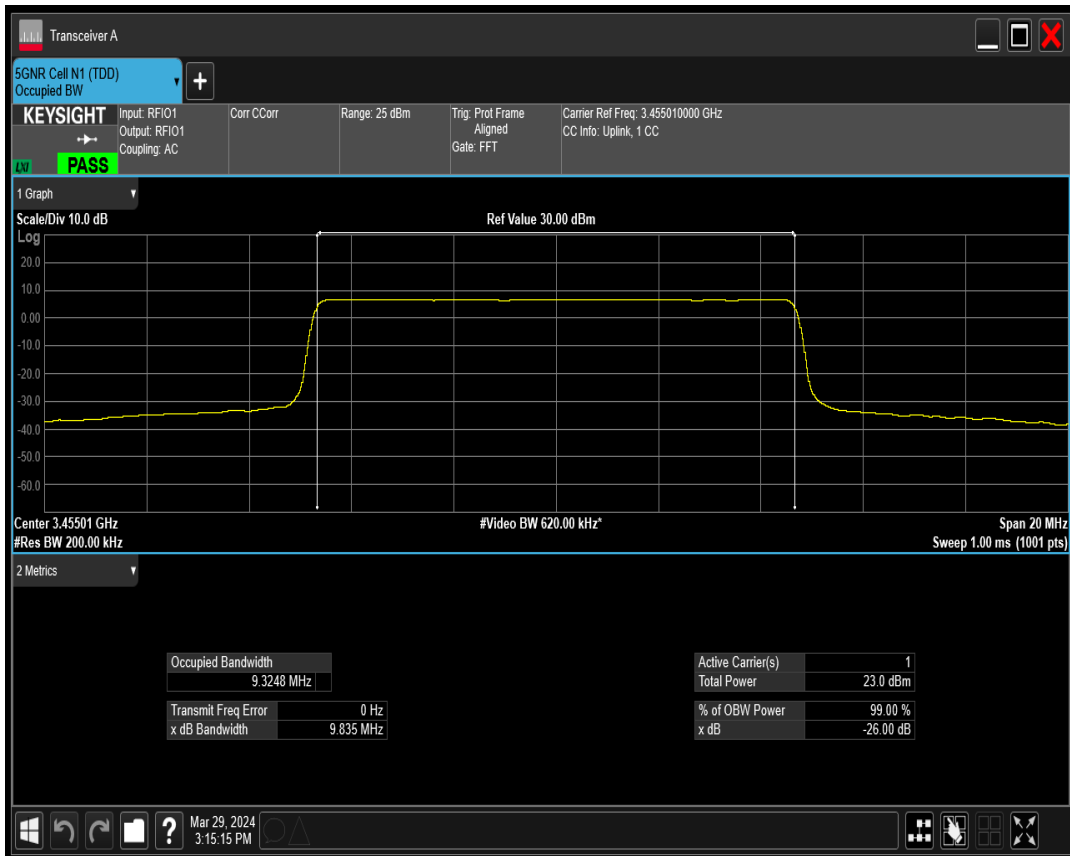
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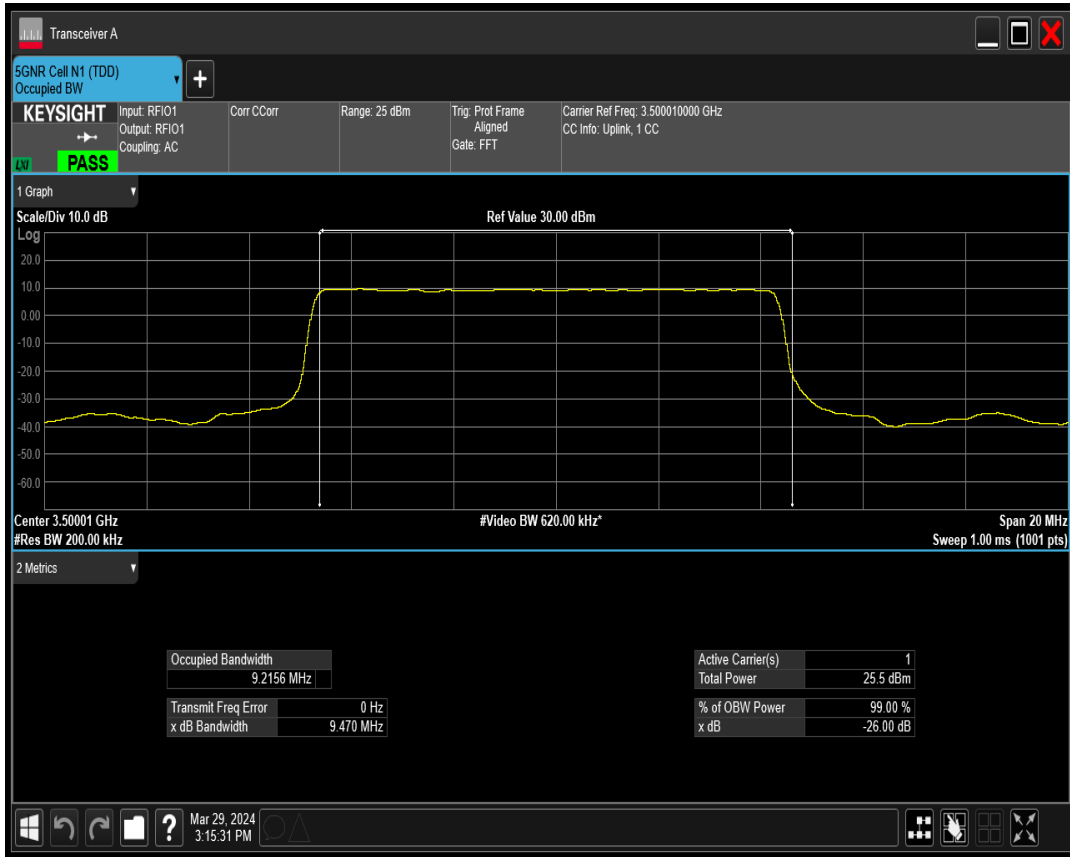
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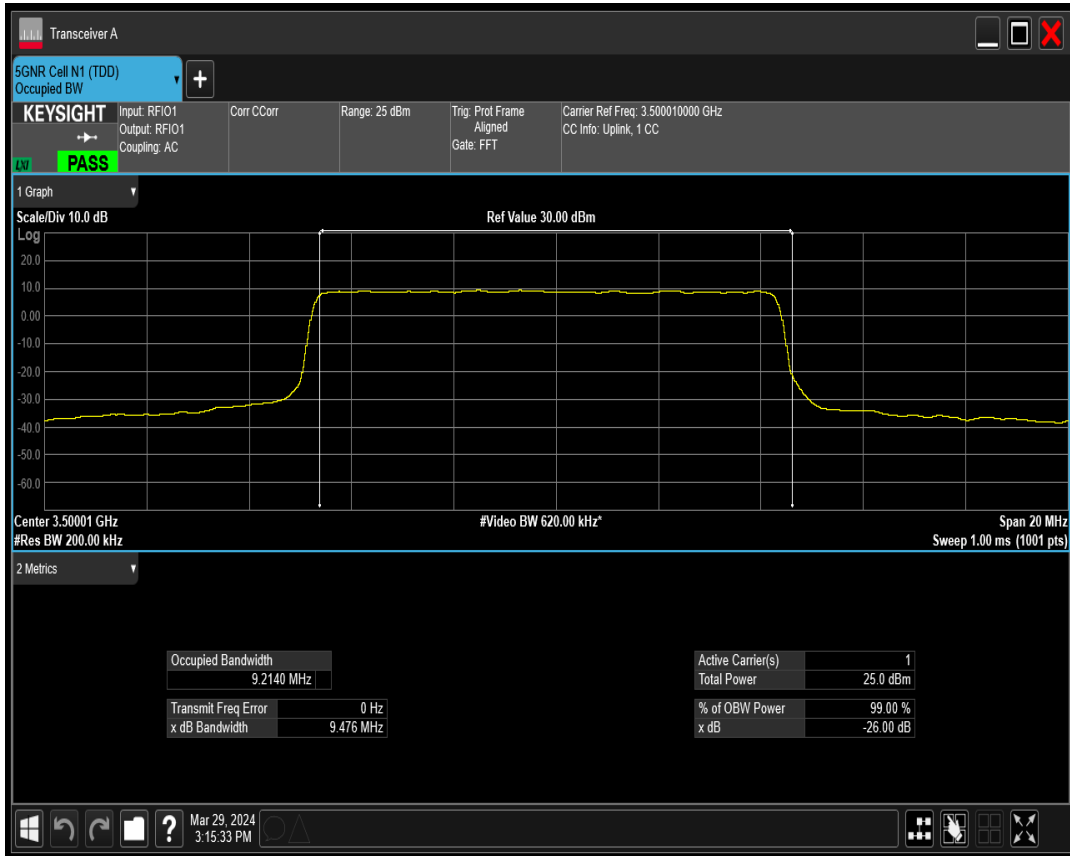
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n77(3450-3550) SCS=15kHz DFT_BPSK BW=10MHz Channel=633334 RB=50@0



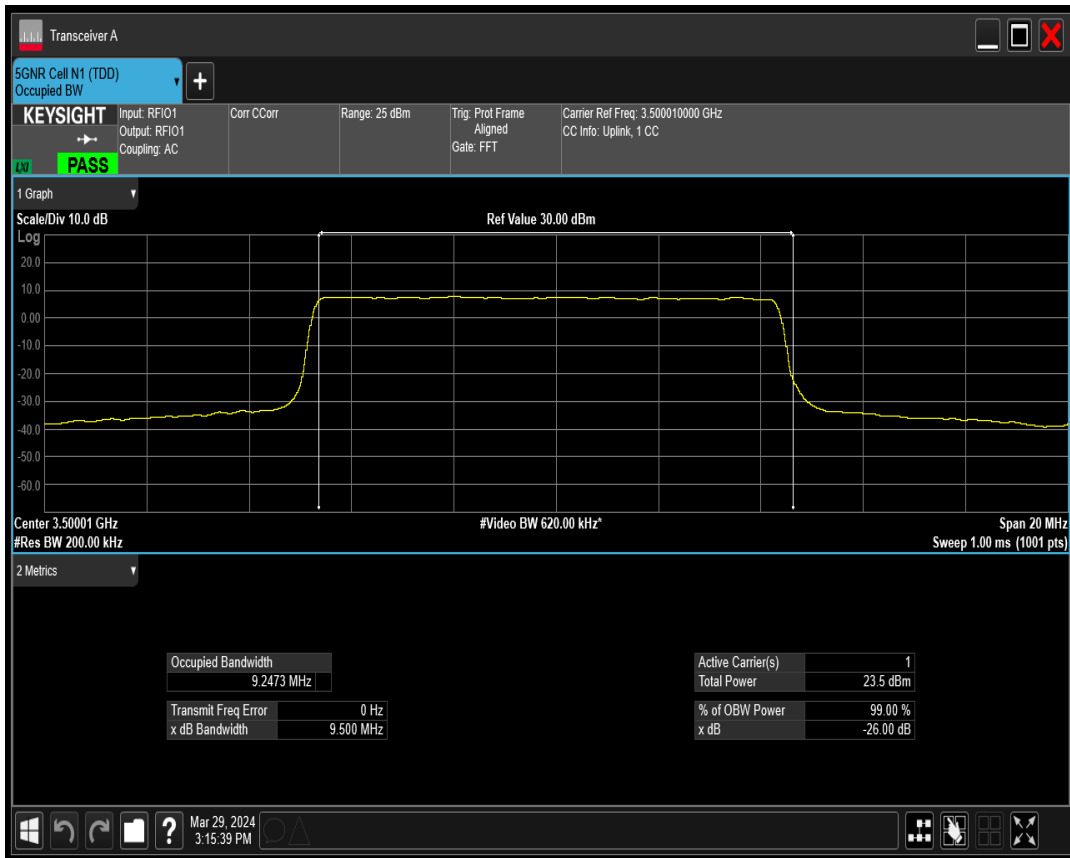
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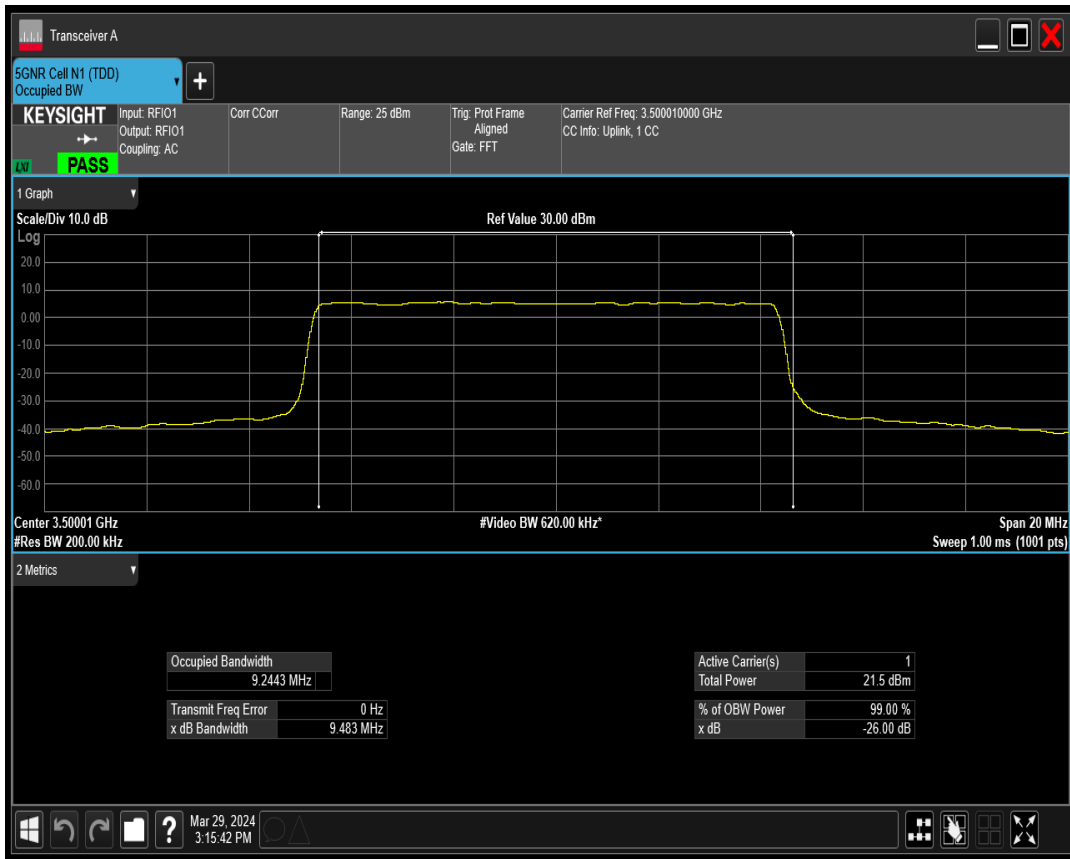
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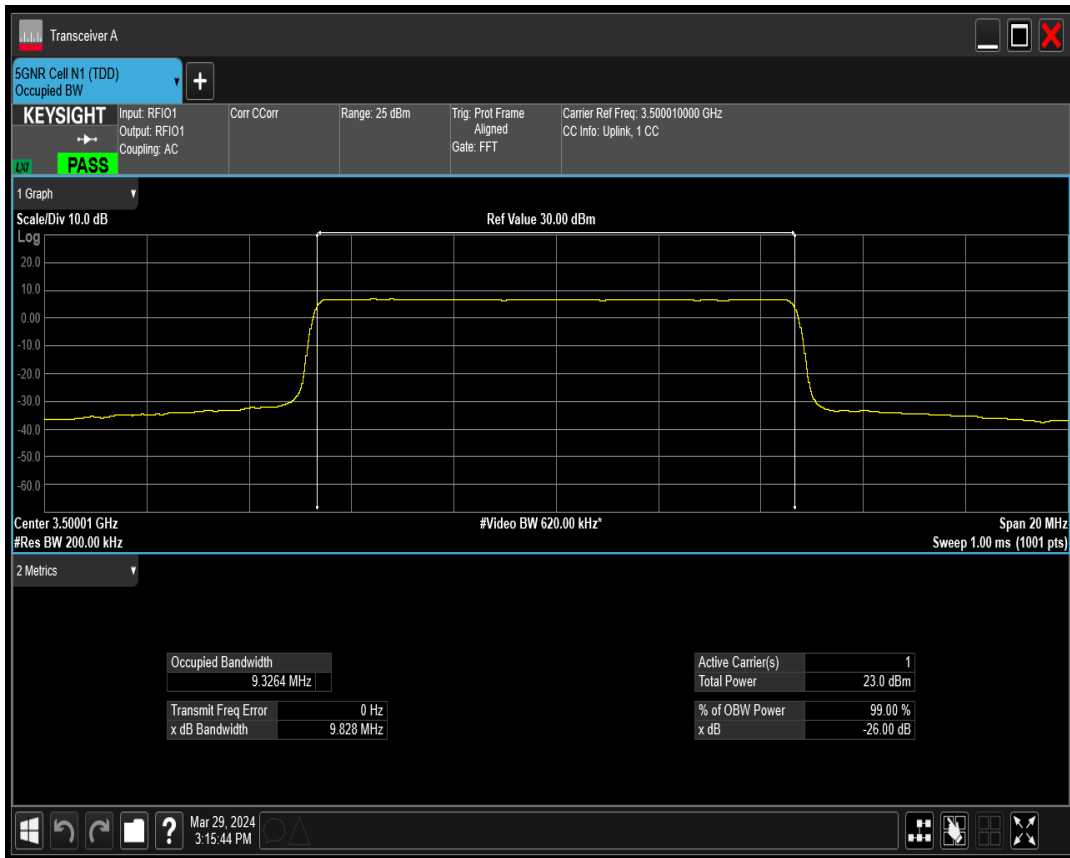
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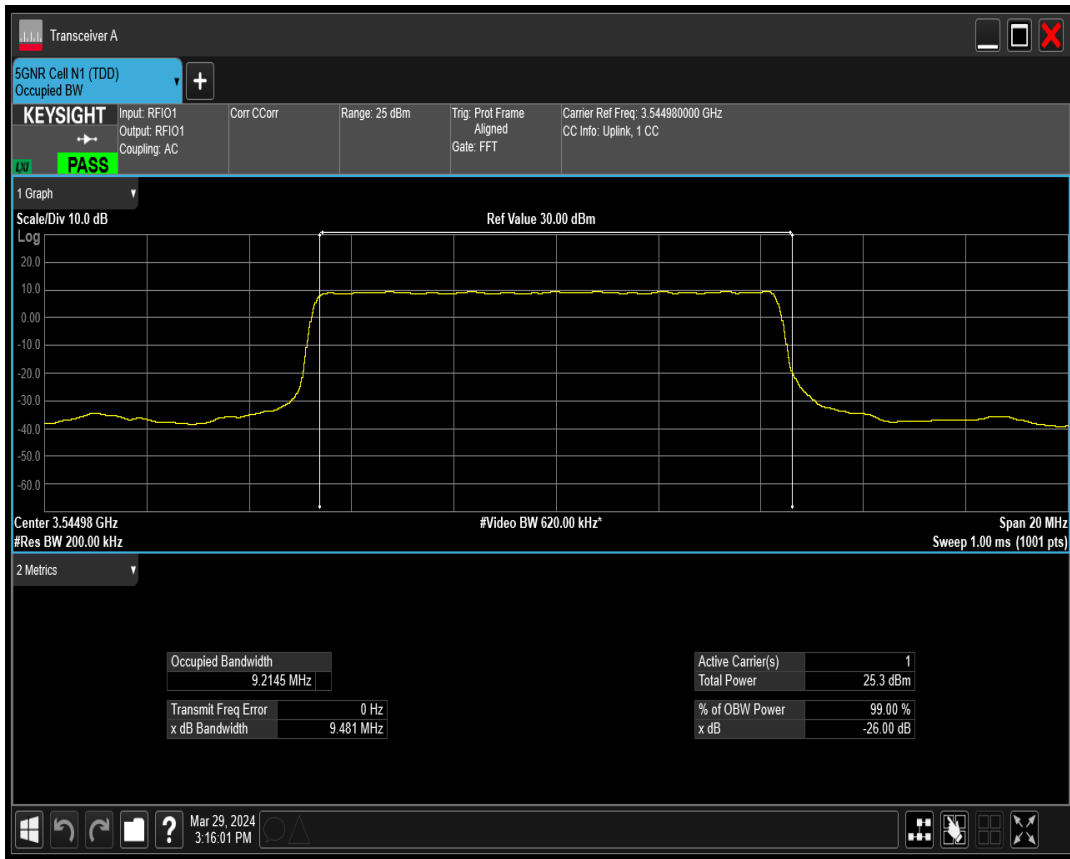
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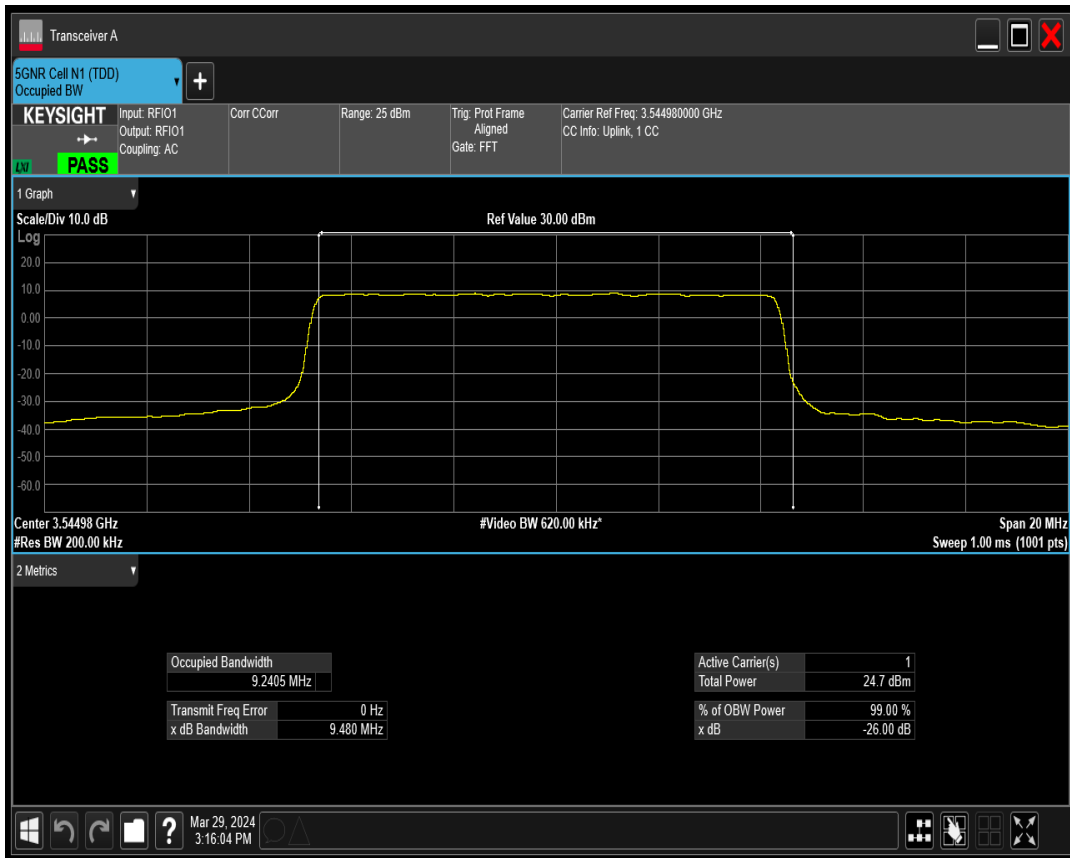
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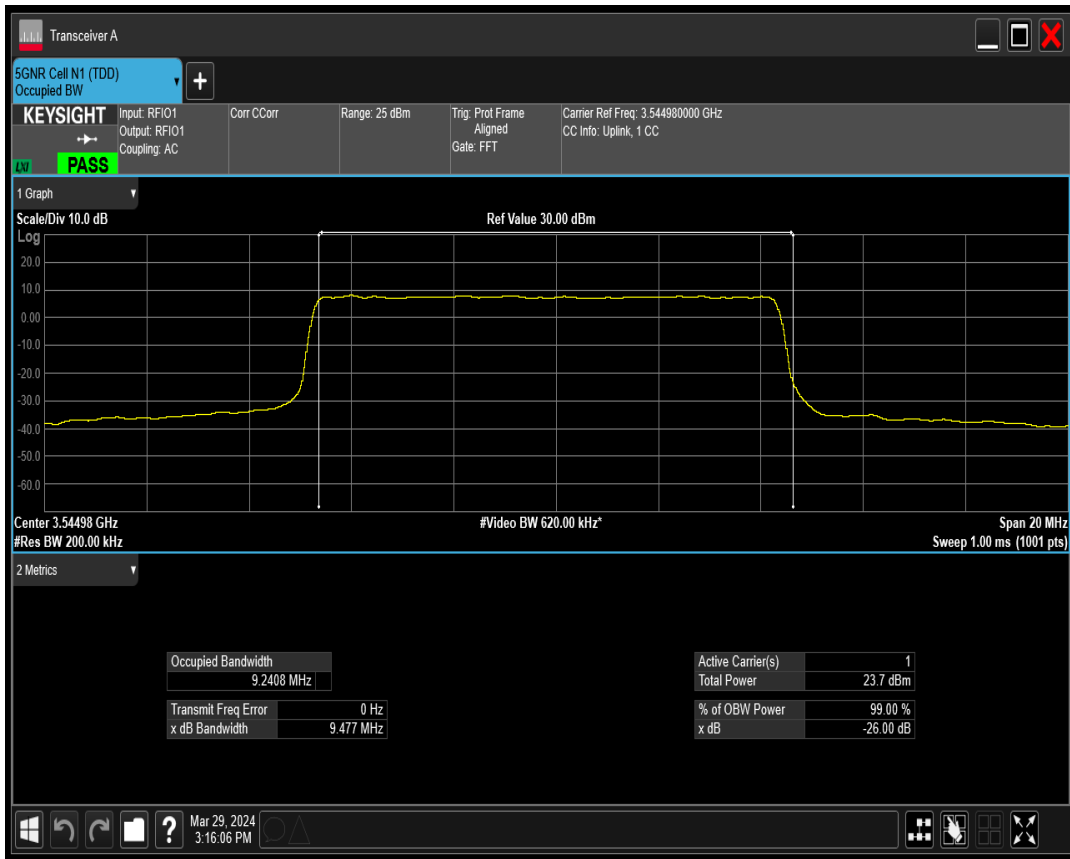
n77(3450-3550) SCS=15kHz DFT_BPSK BW=10MHz Channel=636332 RB=50@0



n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=636332 RB=50@0



n77(3450-3550) SCS=15kHz DFT_QAM16 BW=10MHz Channel=636332 RB=50@0



n77(3450-3550) SCS=15kHz DFT_QAM64 BW=10MHz Channel=636332 RB=50@0

