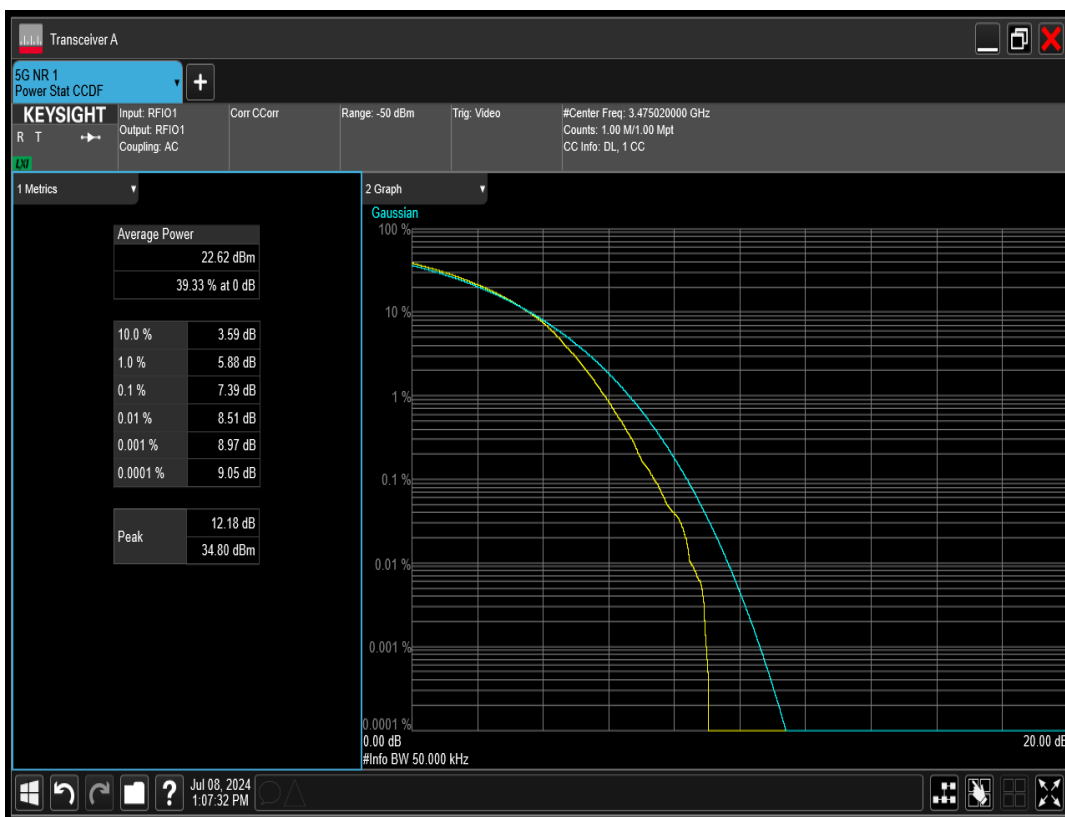
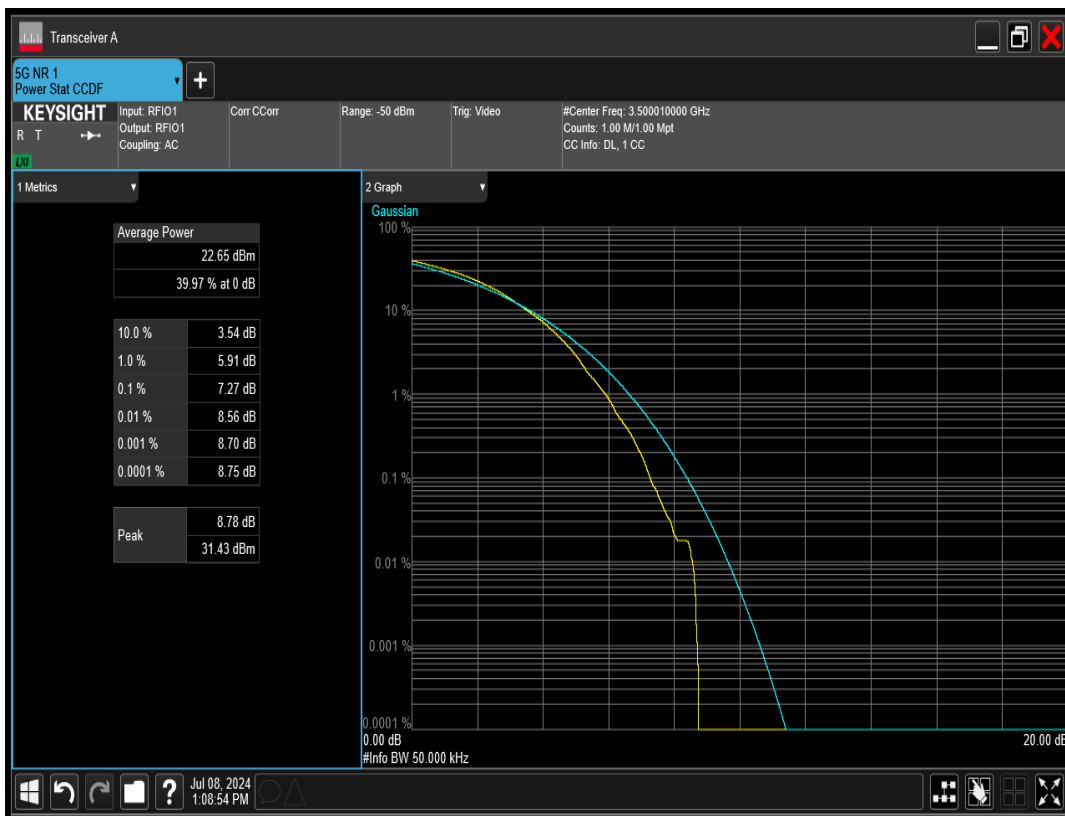


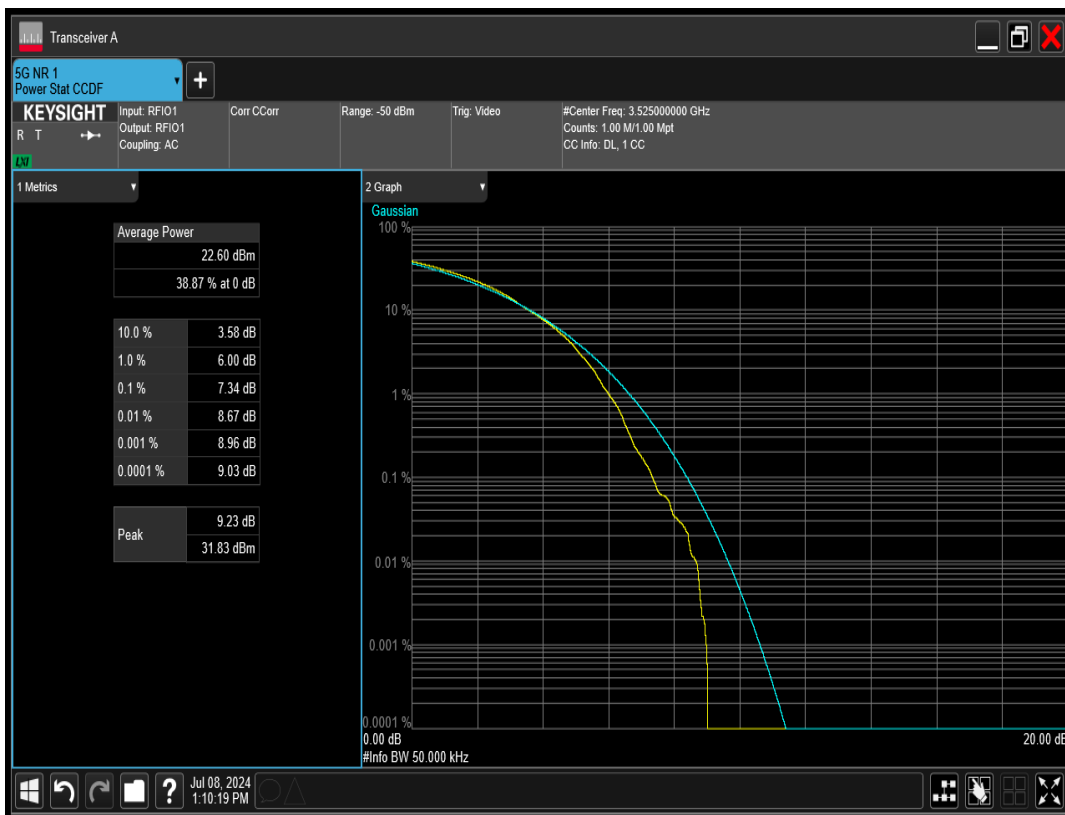
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=50MHz Channel=631668 RB=128@0



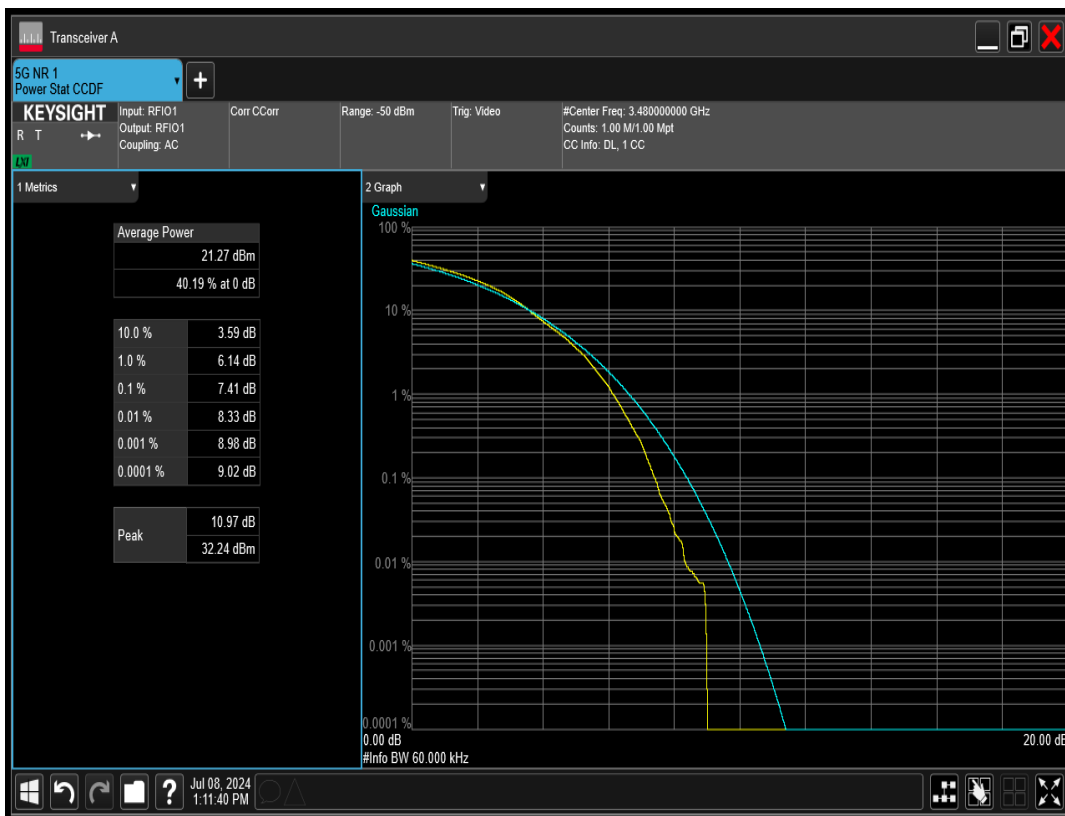
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=50MHz Channel=633334 RB=128@0



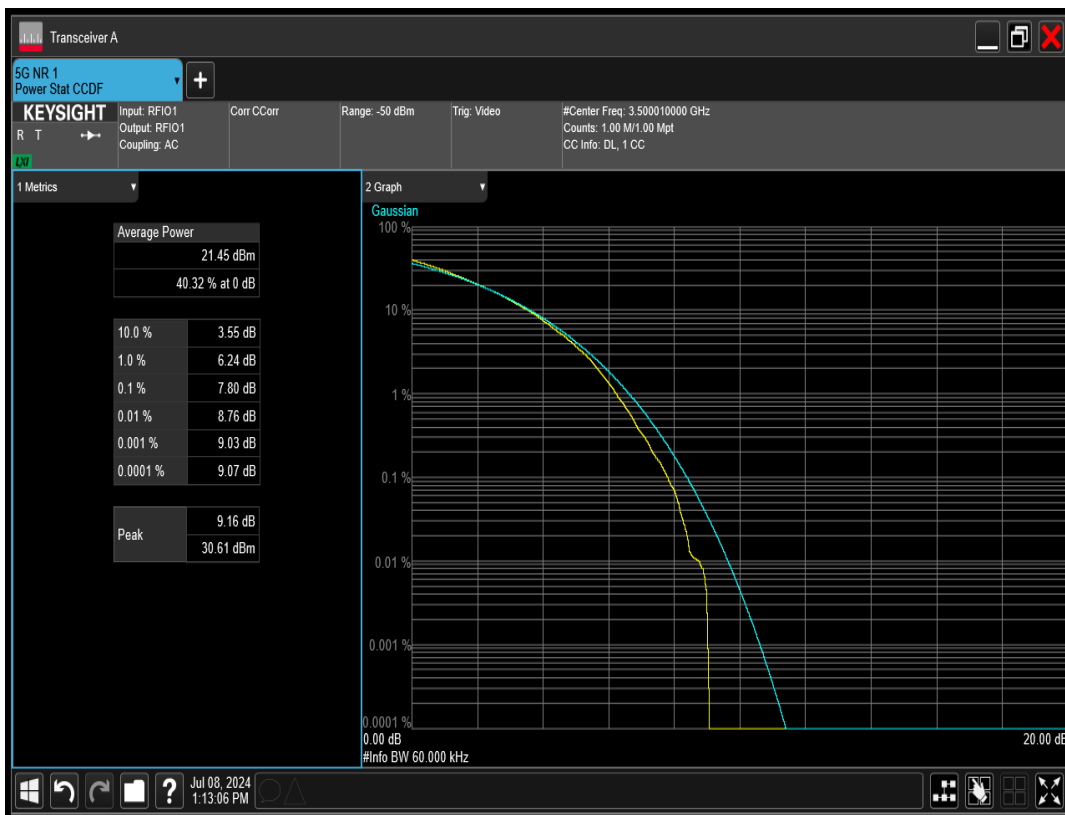
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=50MHz Channel=635000 RB=128@0



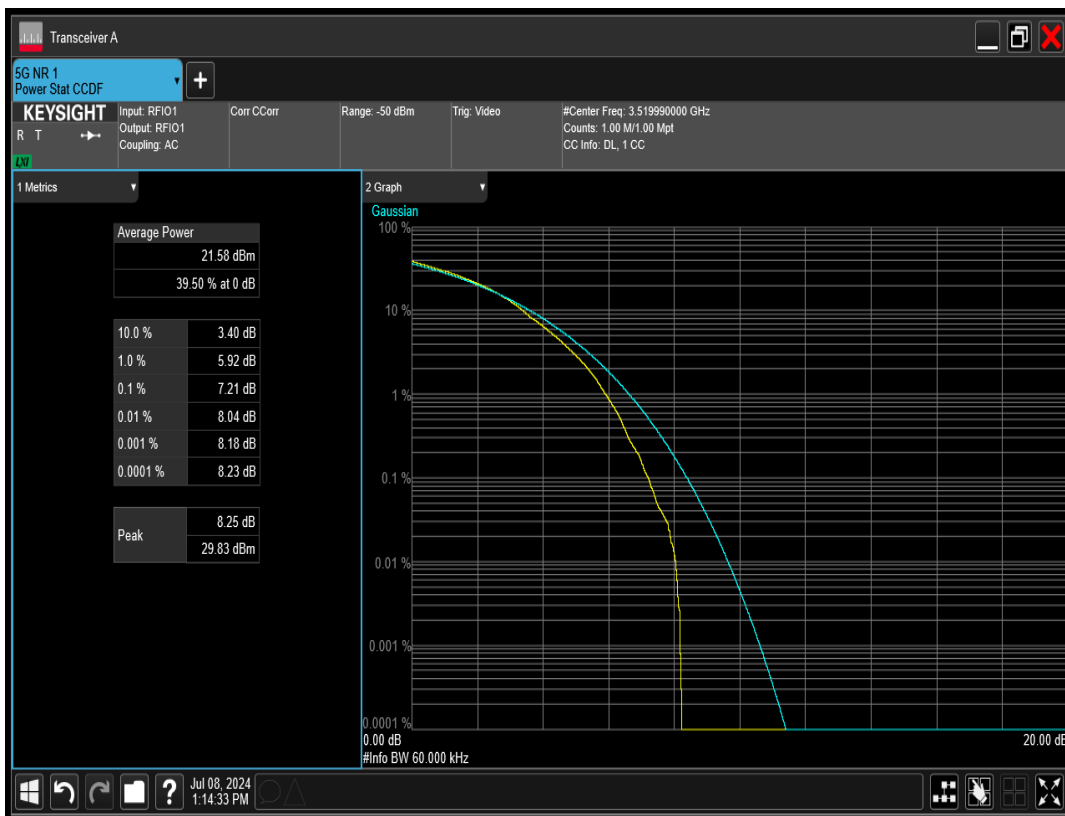
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=60MHz Channel=632000 RB=162@0



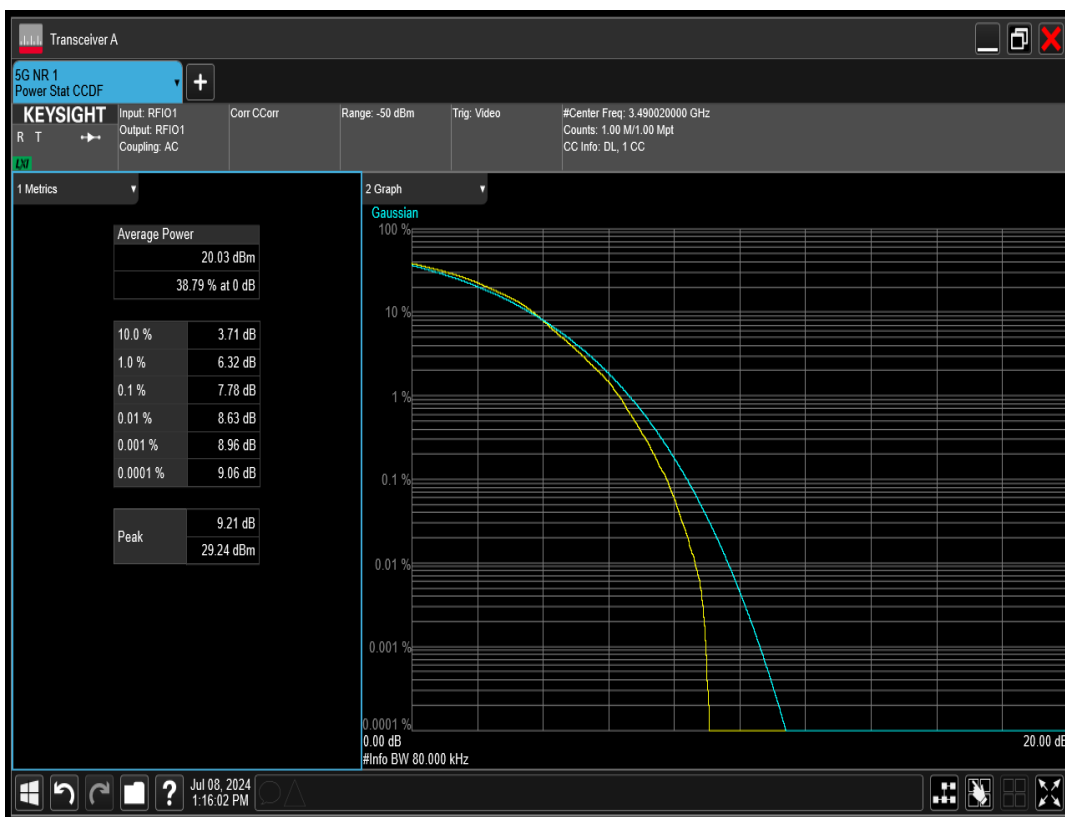
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=60MHz Channel=633334 RB=162 @0



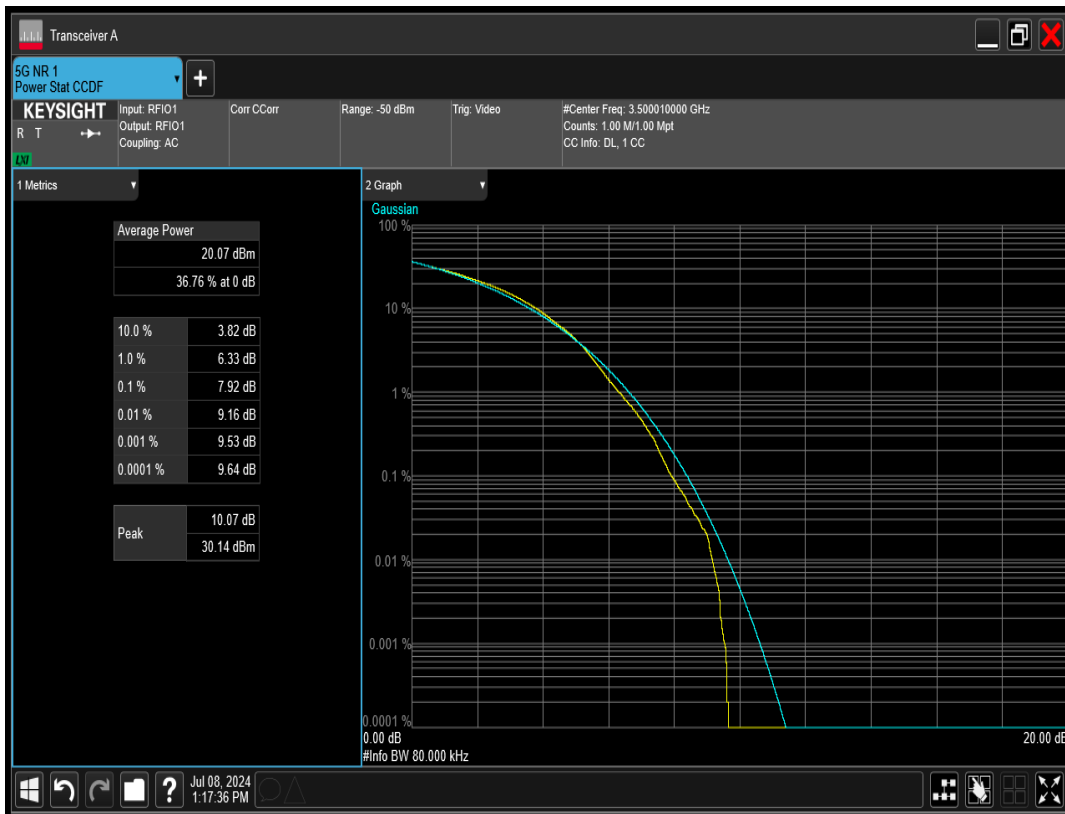
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=60MHz Channel=634666 RB=162 @0



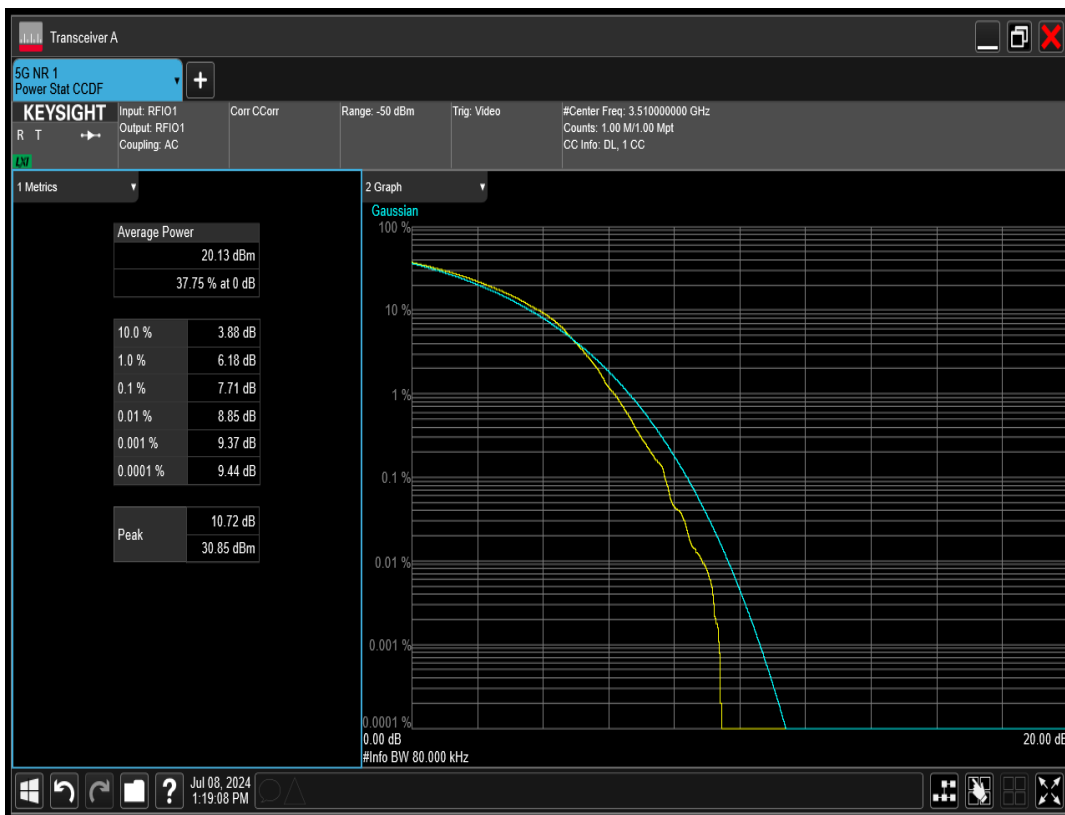
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=80MHz Channel=632668 RB=216@0



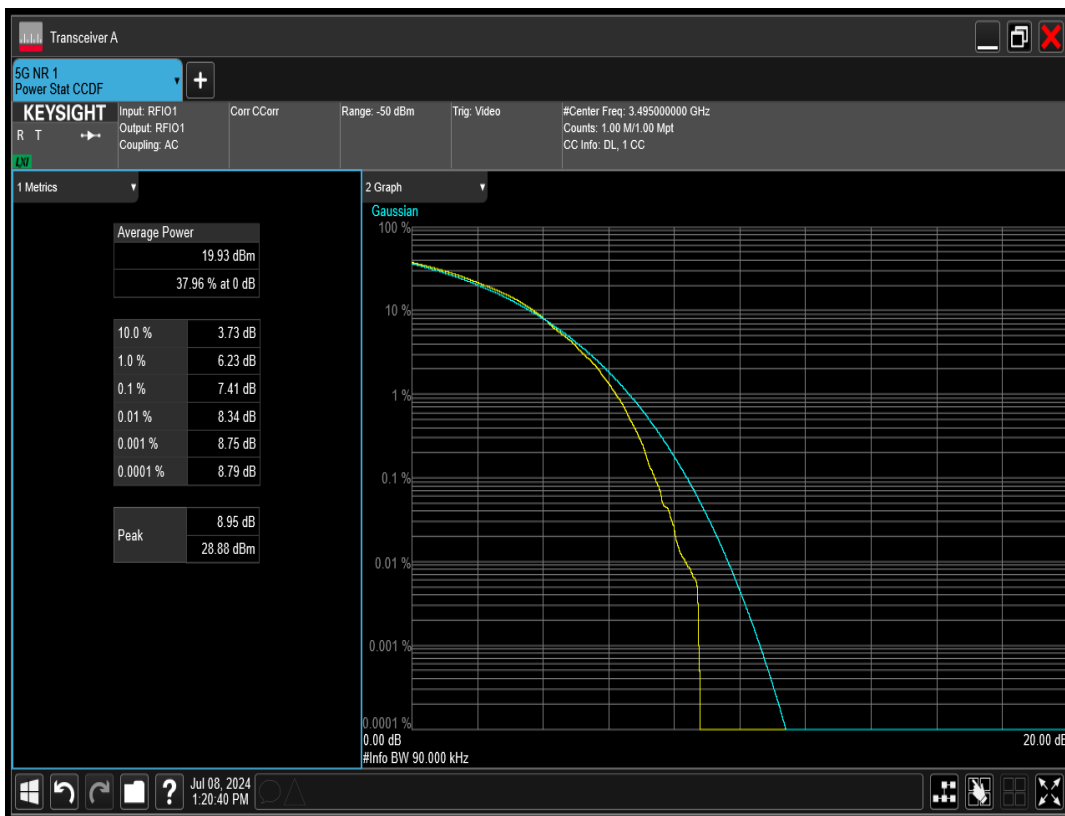
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=80MHz Channel=633334 RB=216@0



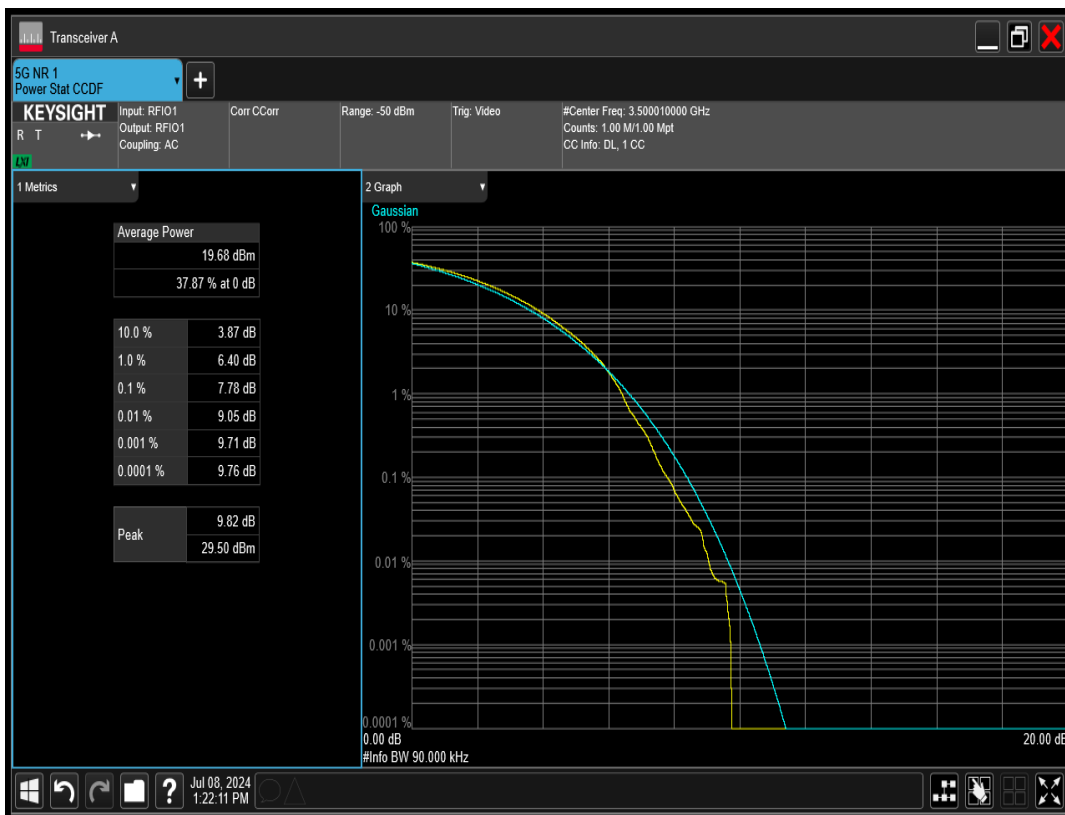
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=80MHz Channel=634000 RB=216@0



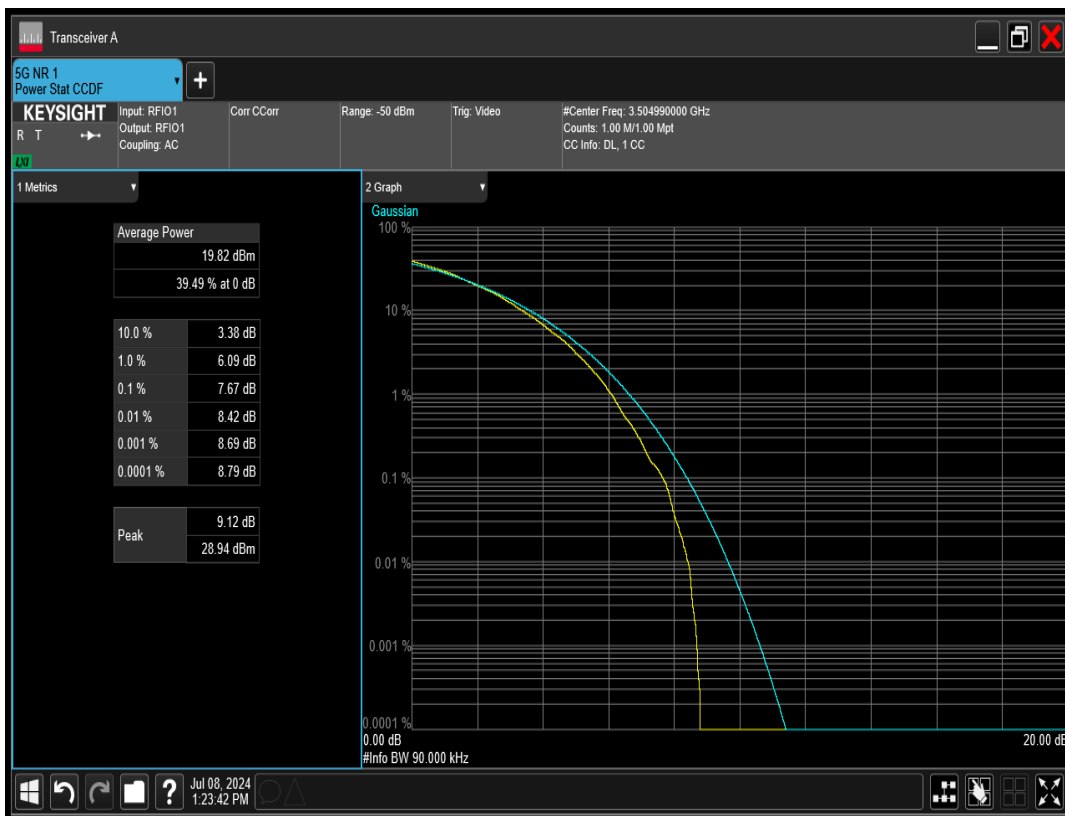
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=90MHz Channel=633000 RB=240@0



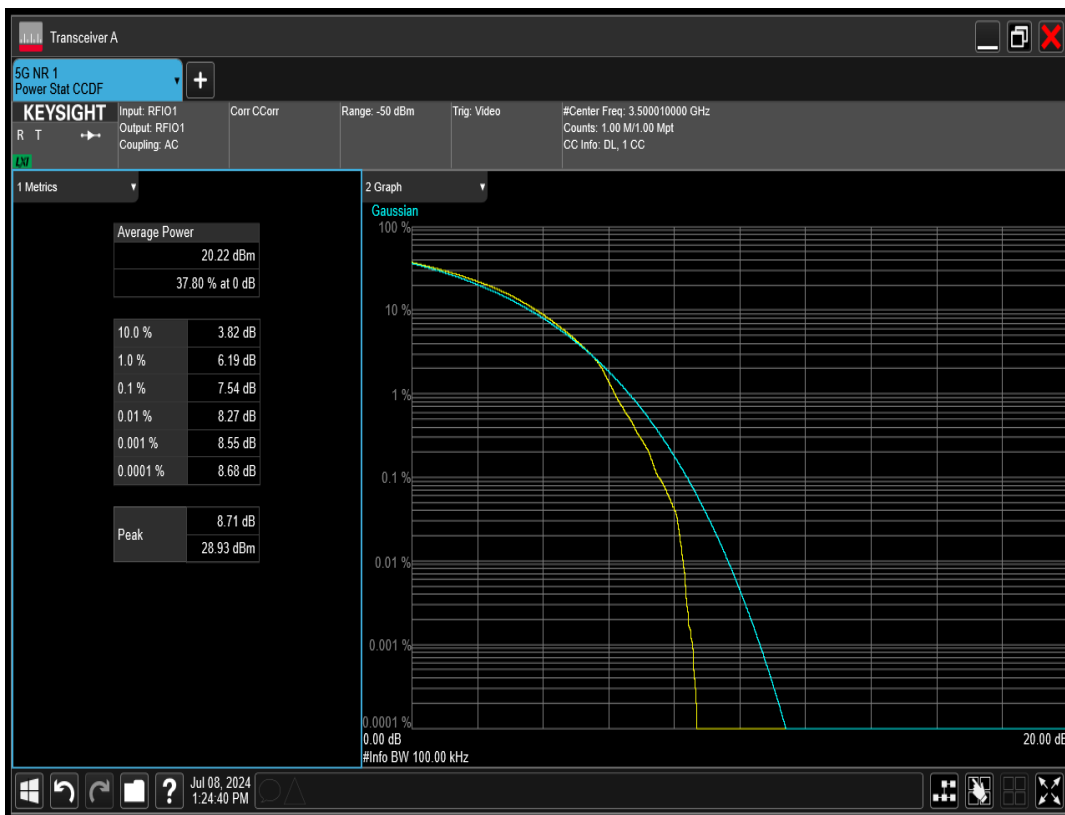
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=90MHz Channel=633334 RB=240@0



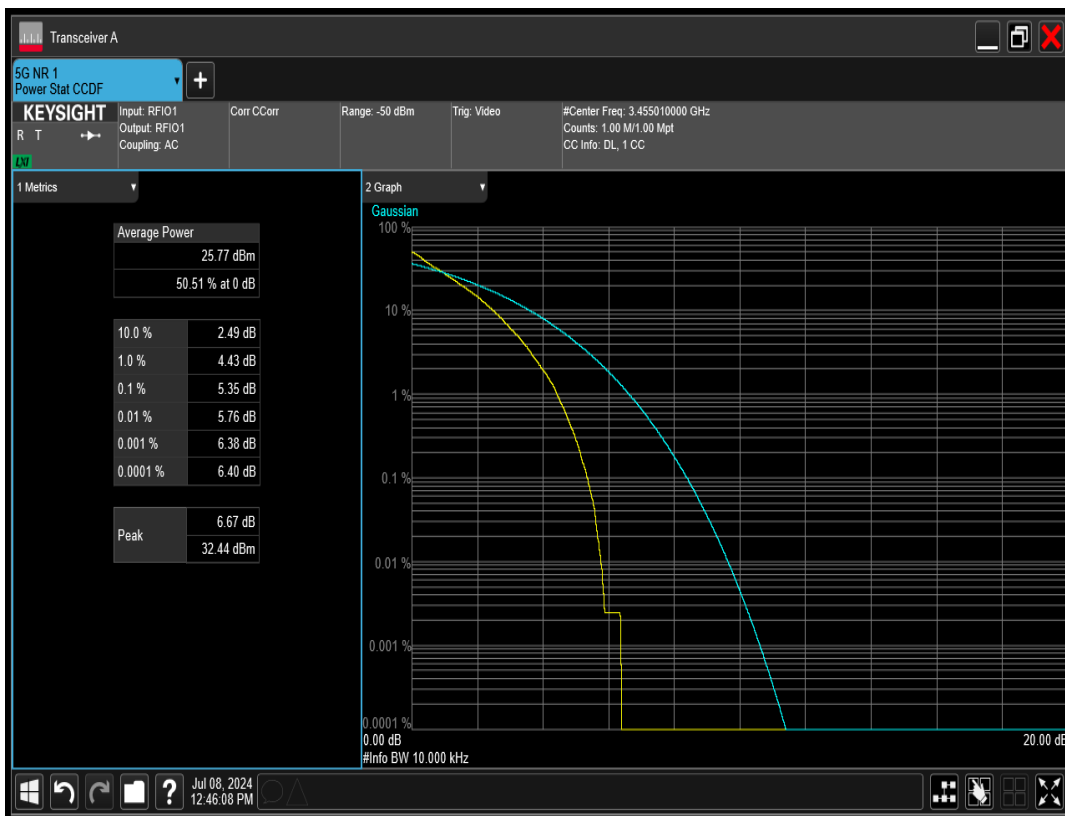
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=90MHz Channel=633666 RB=240@0



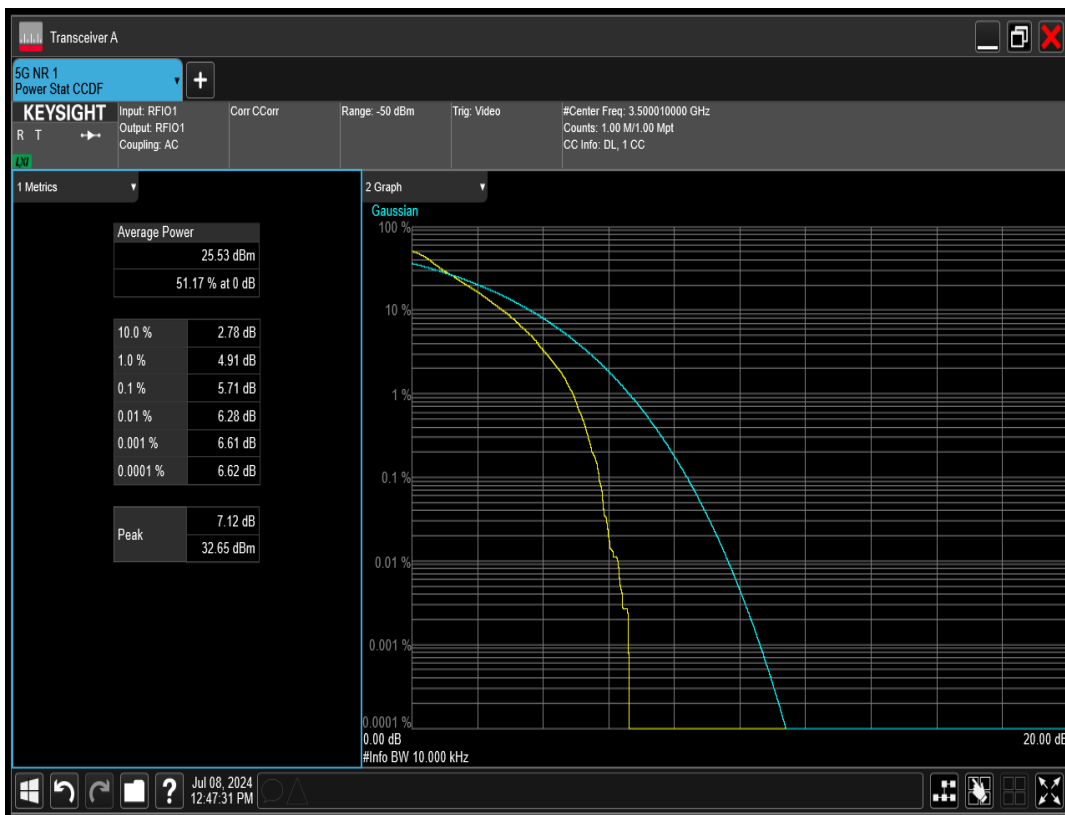
n77(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz Channel=633334 RB=270 @0



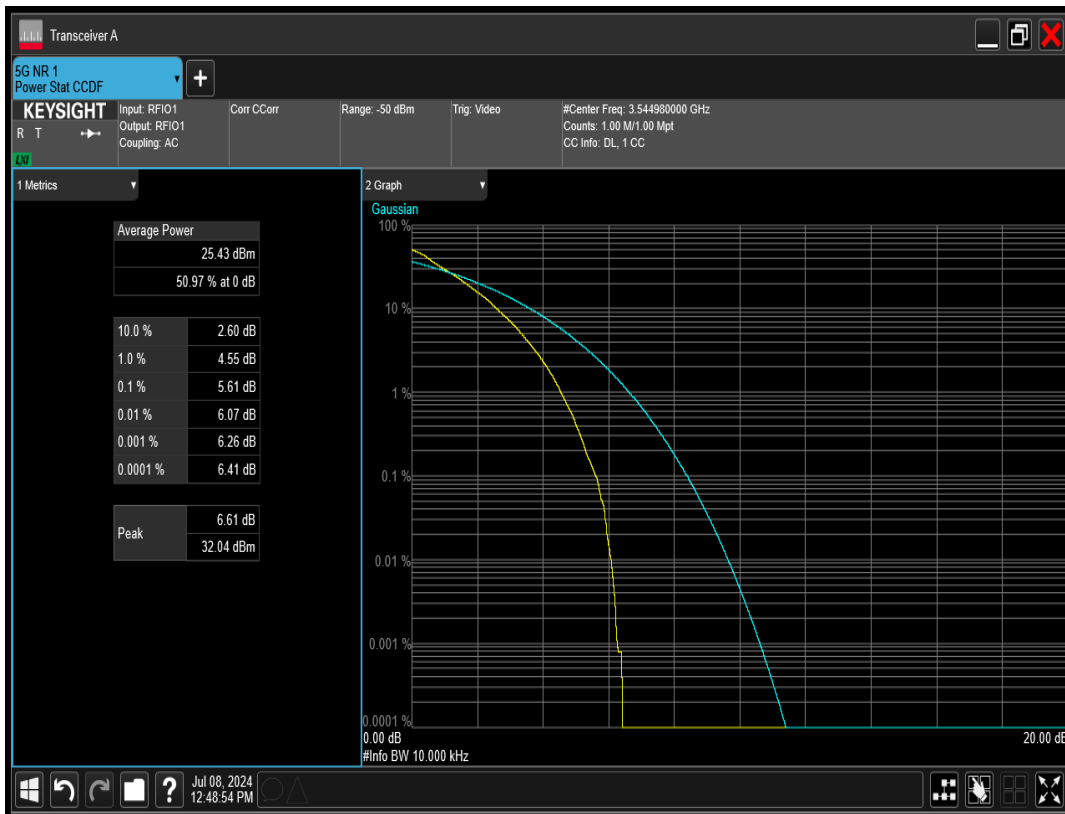
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=630334 RB=24 @0



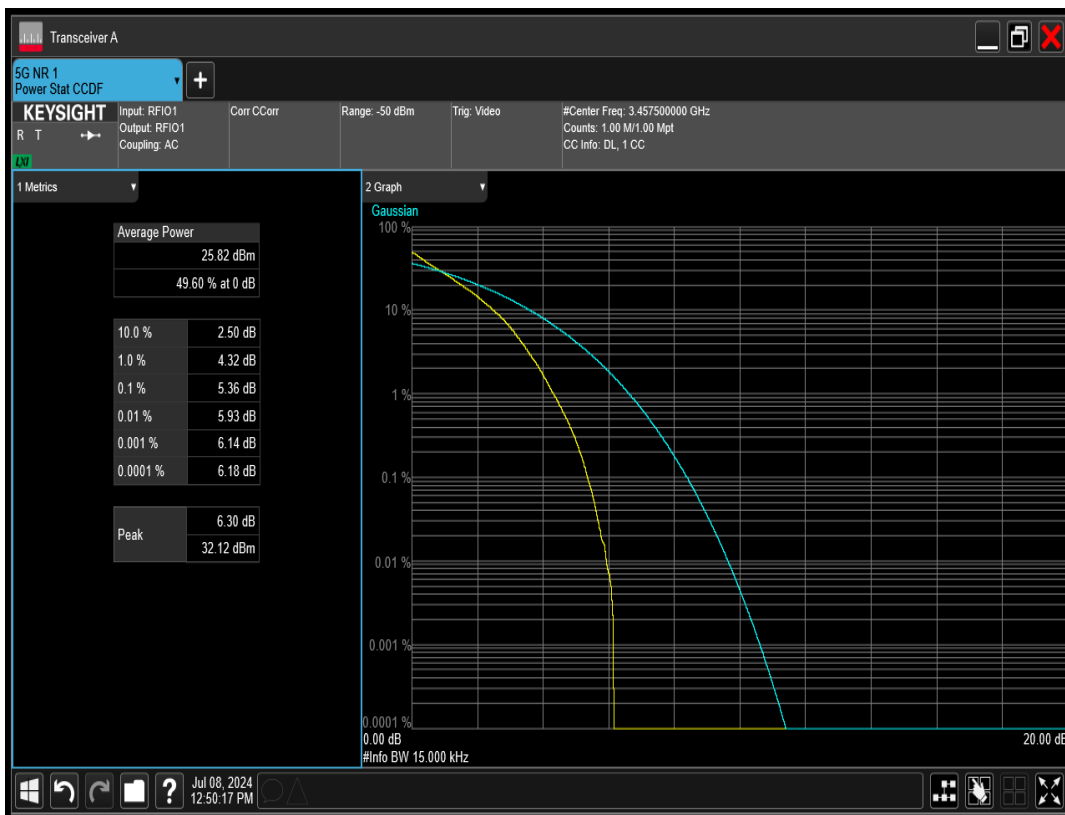
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=633334 RB=24 @0



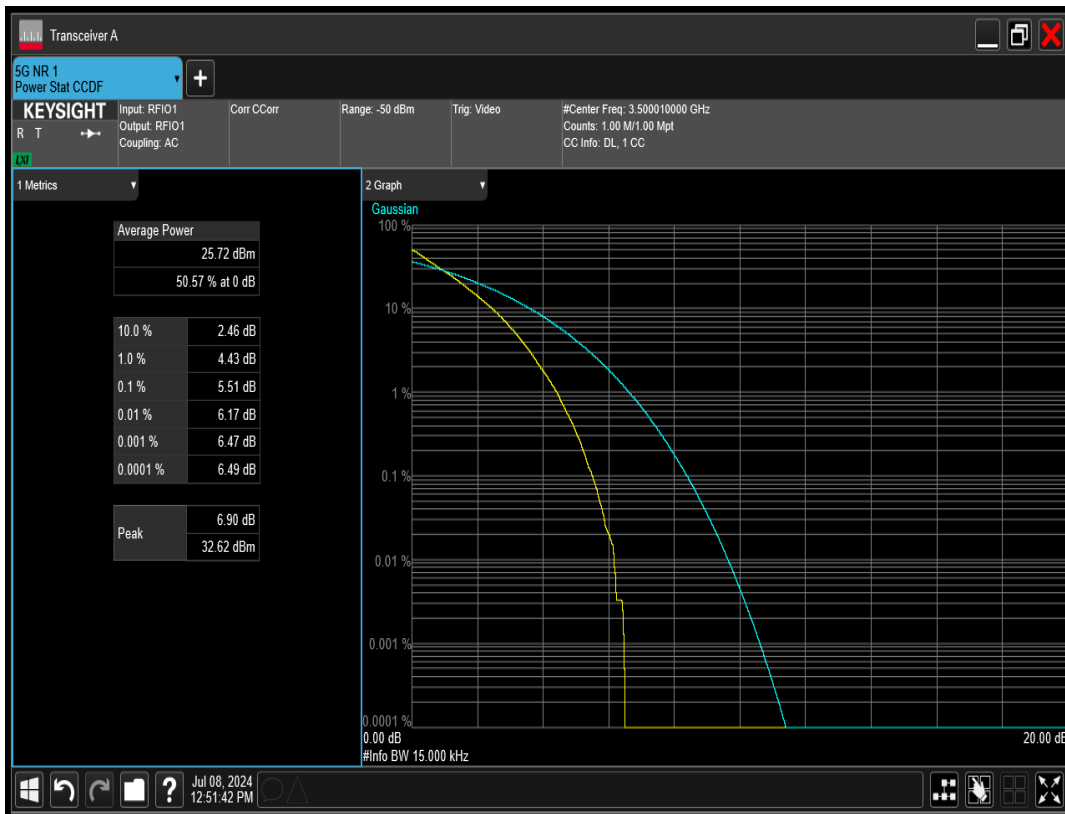
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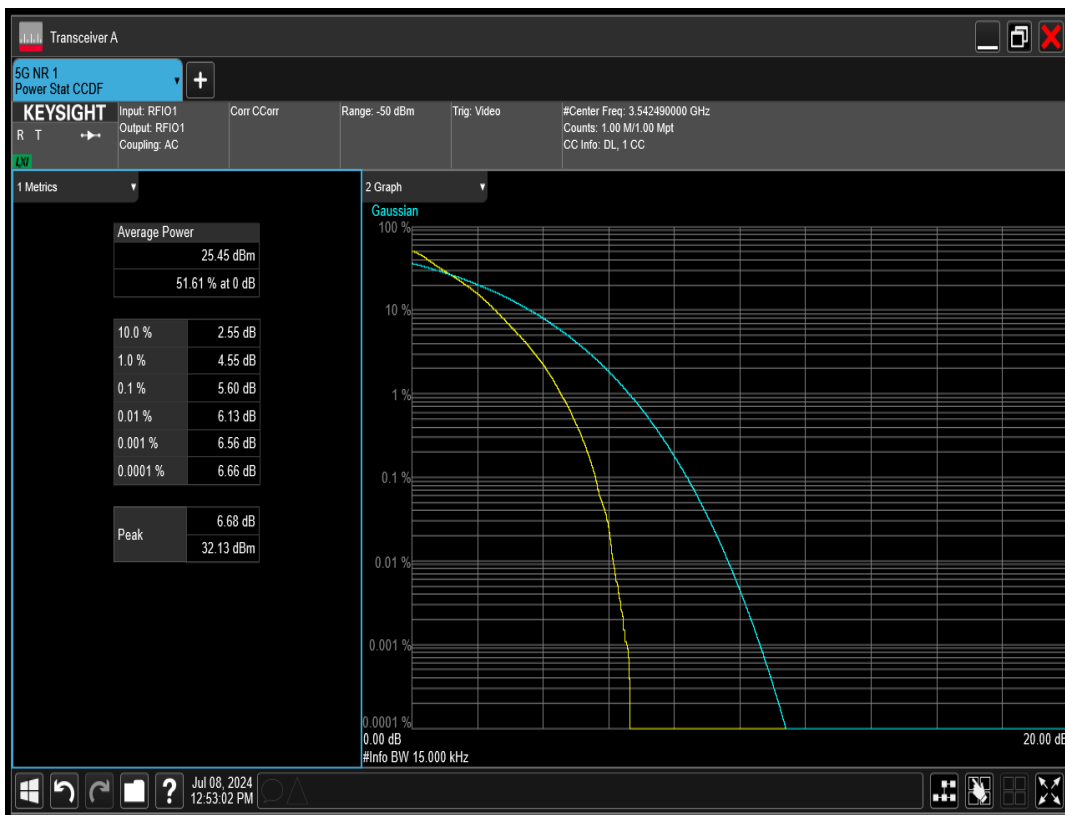
n77(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=630500 RB=36 @0



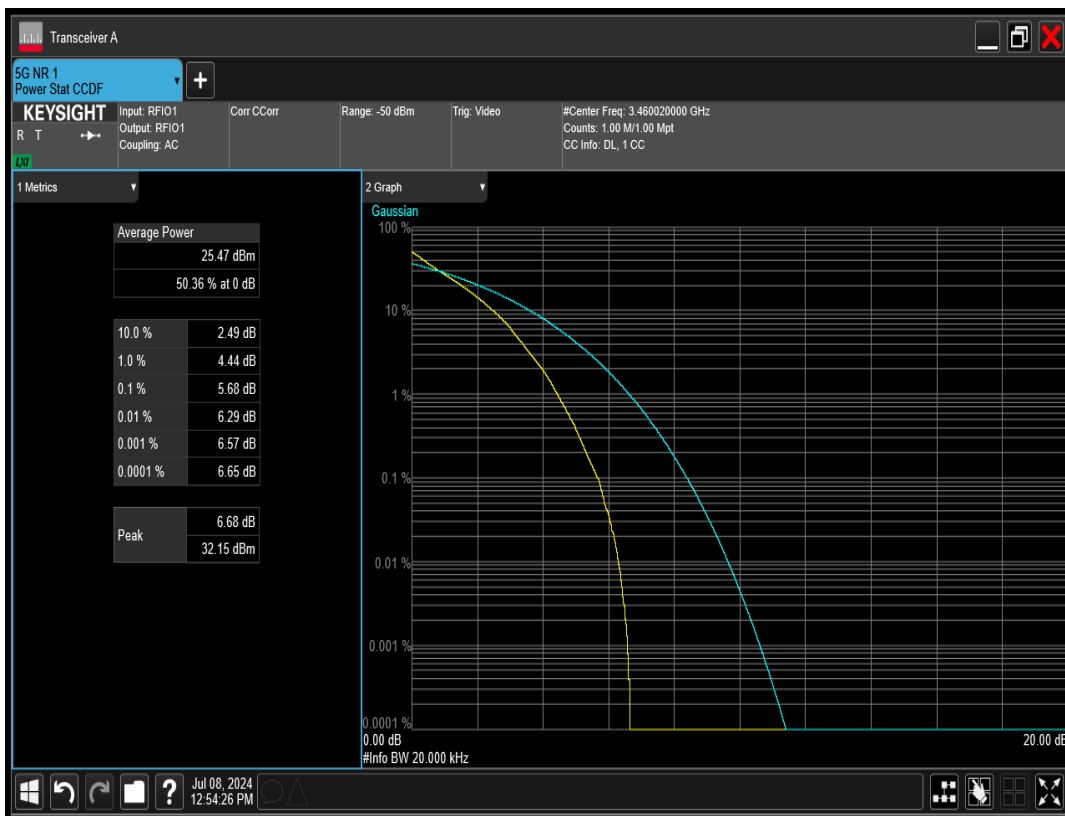
n77(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=633334 RB=36 @0



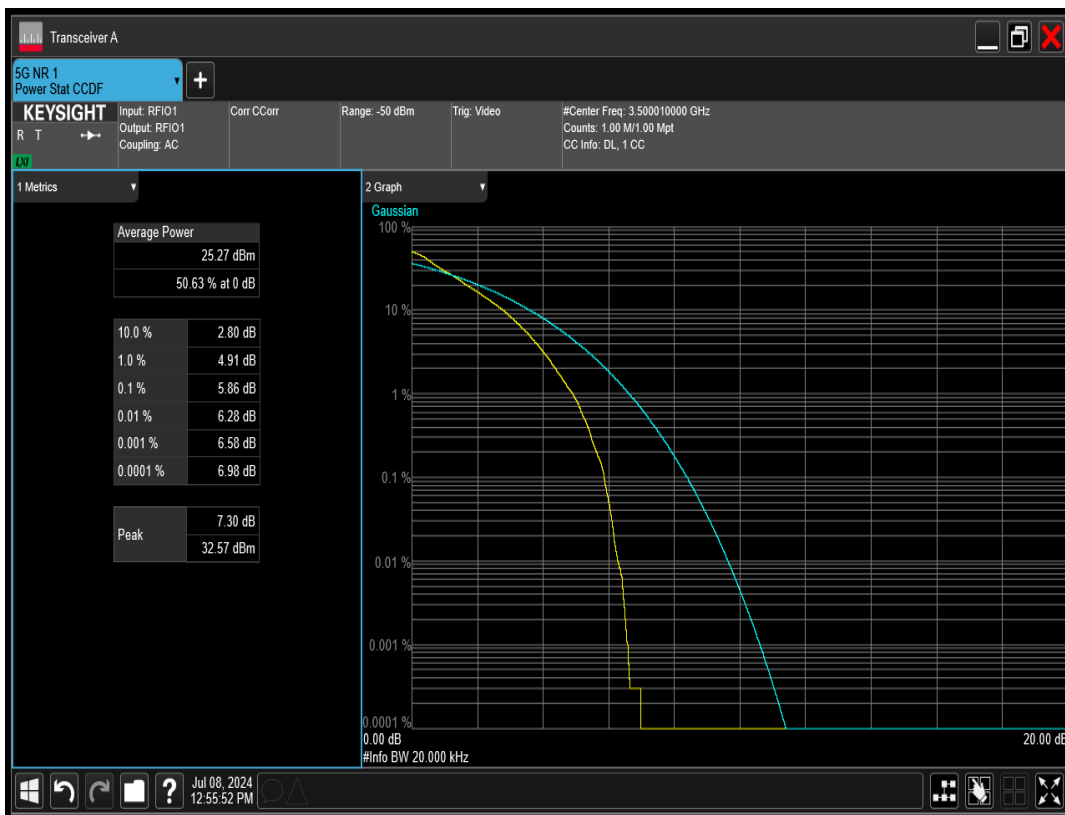
n77(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=636166 RB=36 @0



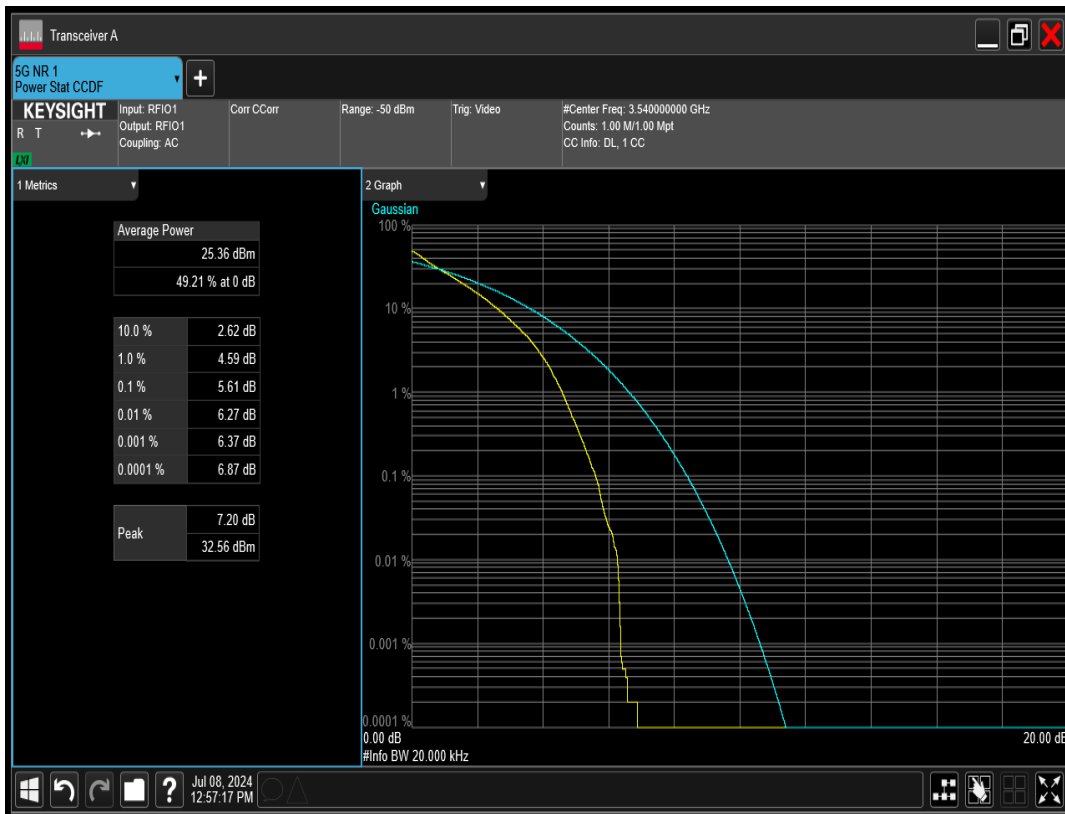
n77(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=630668 RB=50 @0



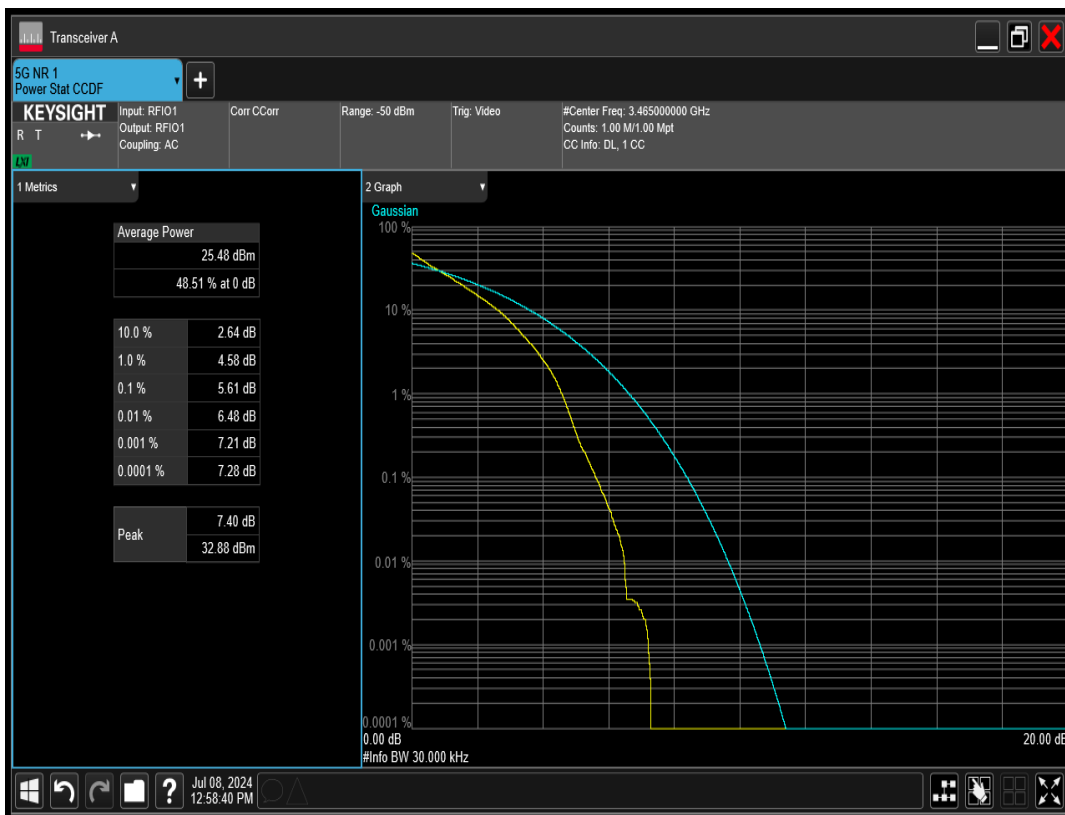
n77(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=633334 RB=50 @0



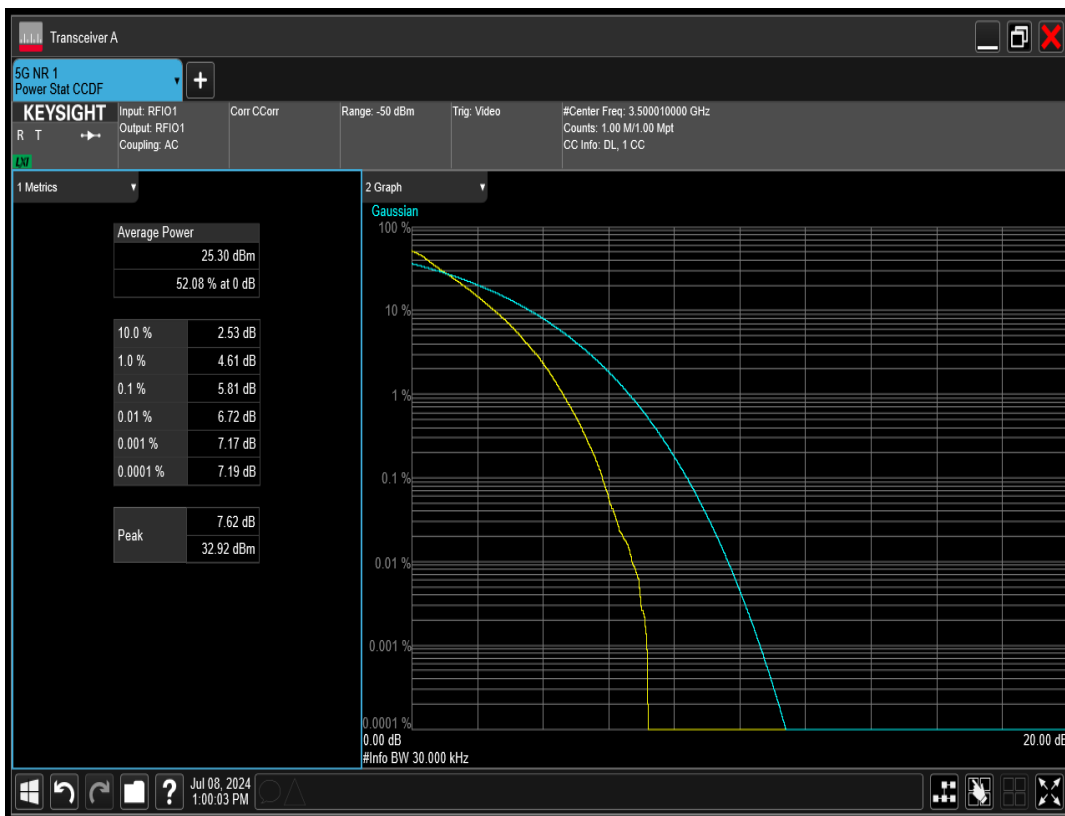
n77(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=636000 RB=50 @0



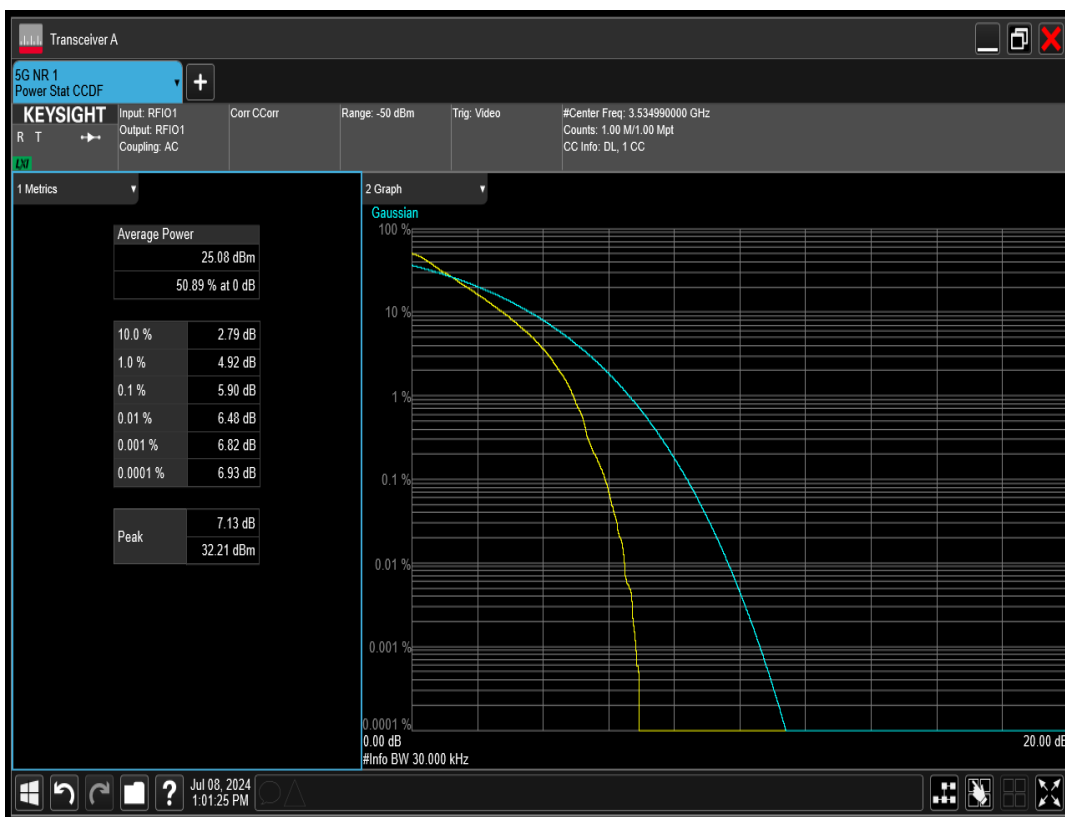
n77(3450-3550) SCS=30kHz DFT_QPSK BW=30MHz Channel=631000 RB=75 @0



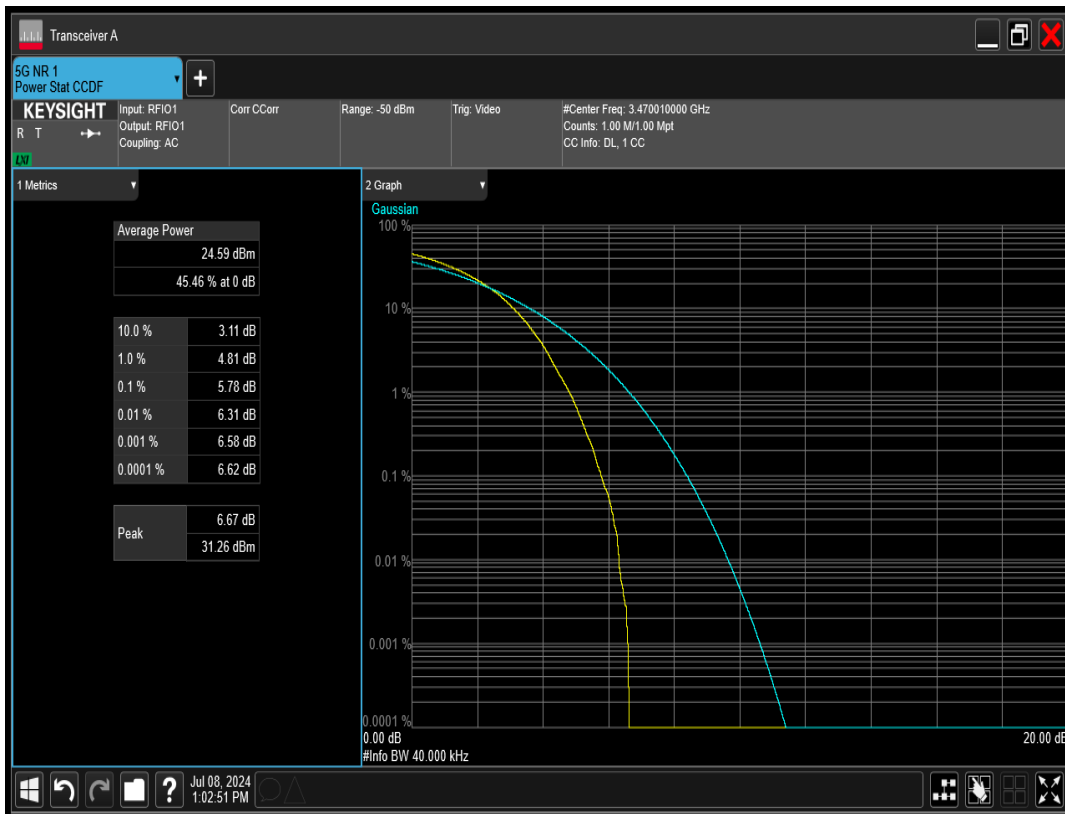
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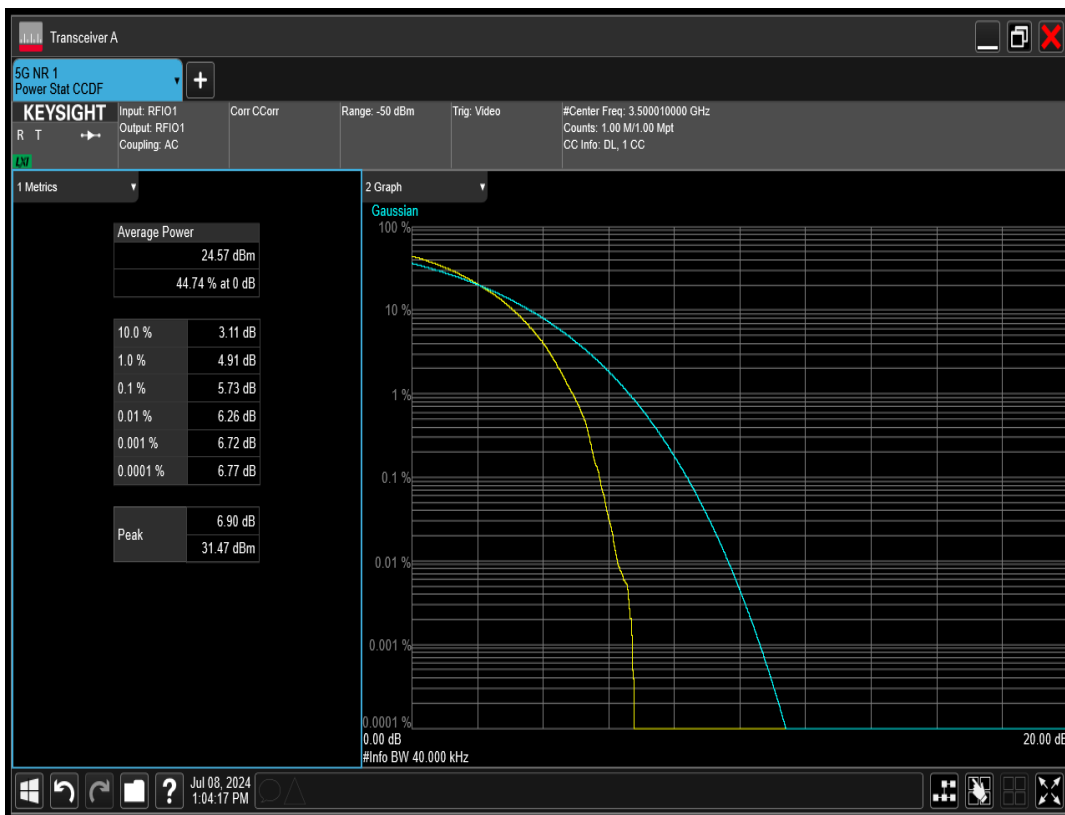
n77(3450-3550) SCS=30kHz DFT_QPSK BW=30MHz Channel=635666 RB=75 @0



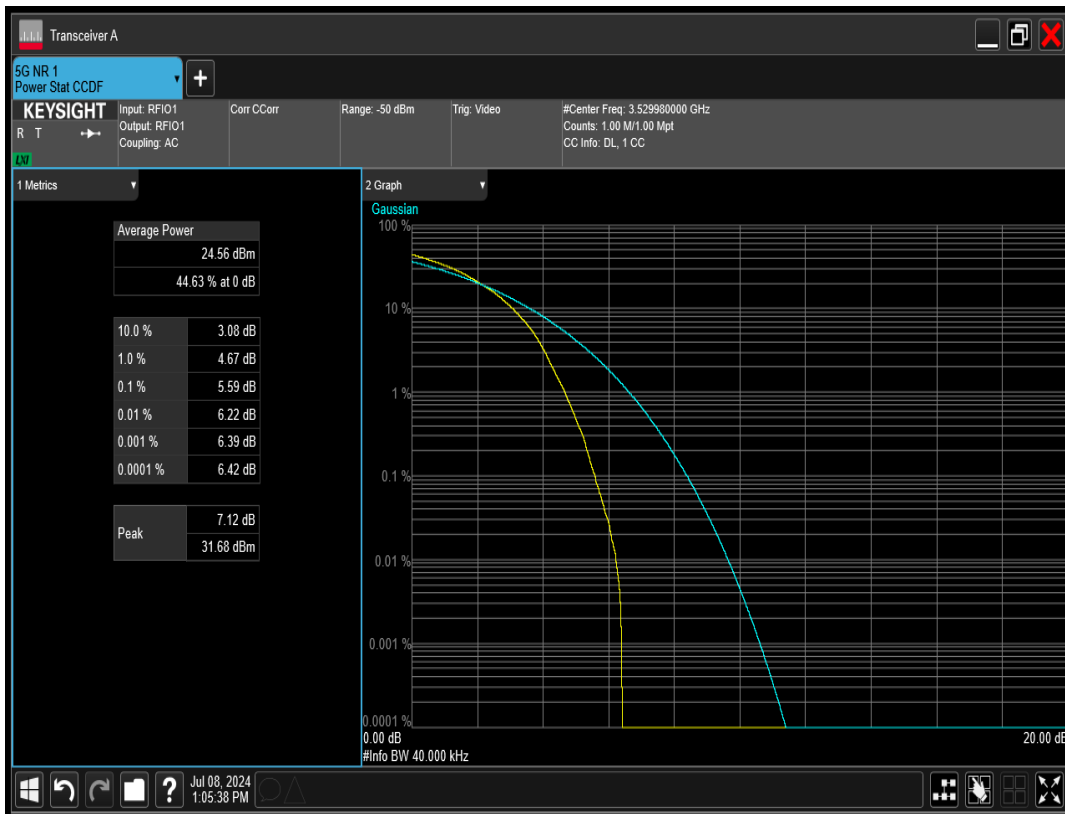
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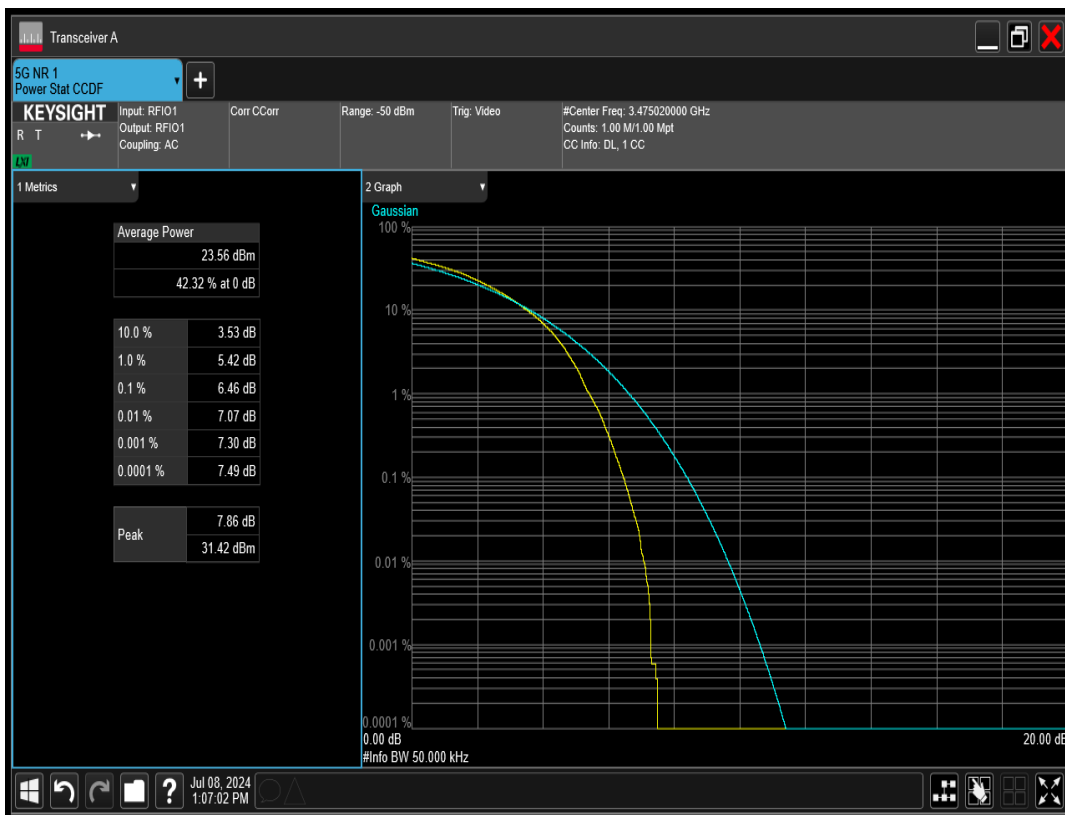
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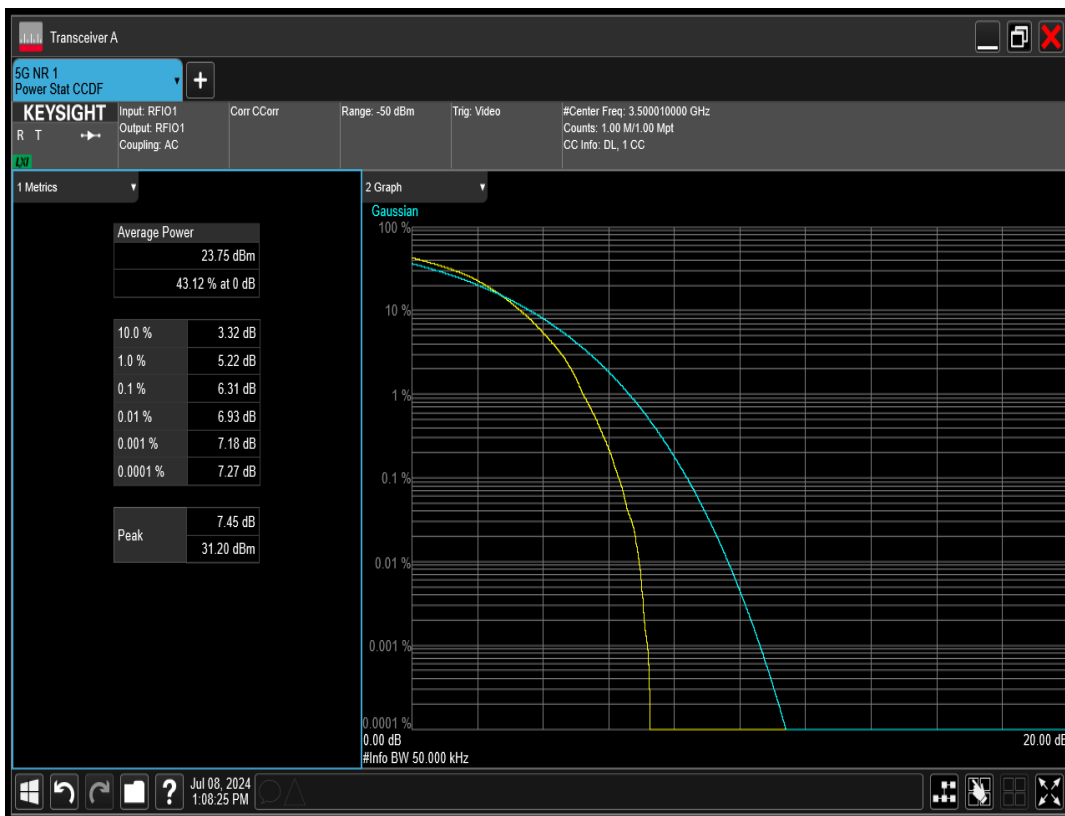
n77(3450-3550) SCS=30kHz DFT_QPSK BW=40MHz Channel=635332 RB=100@0



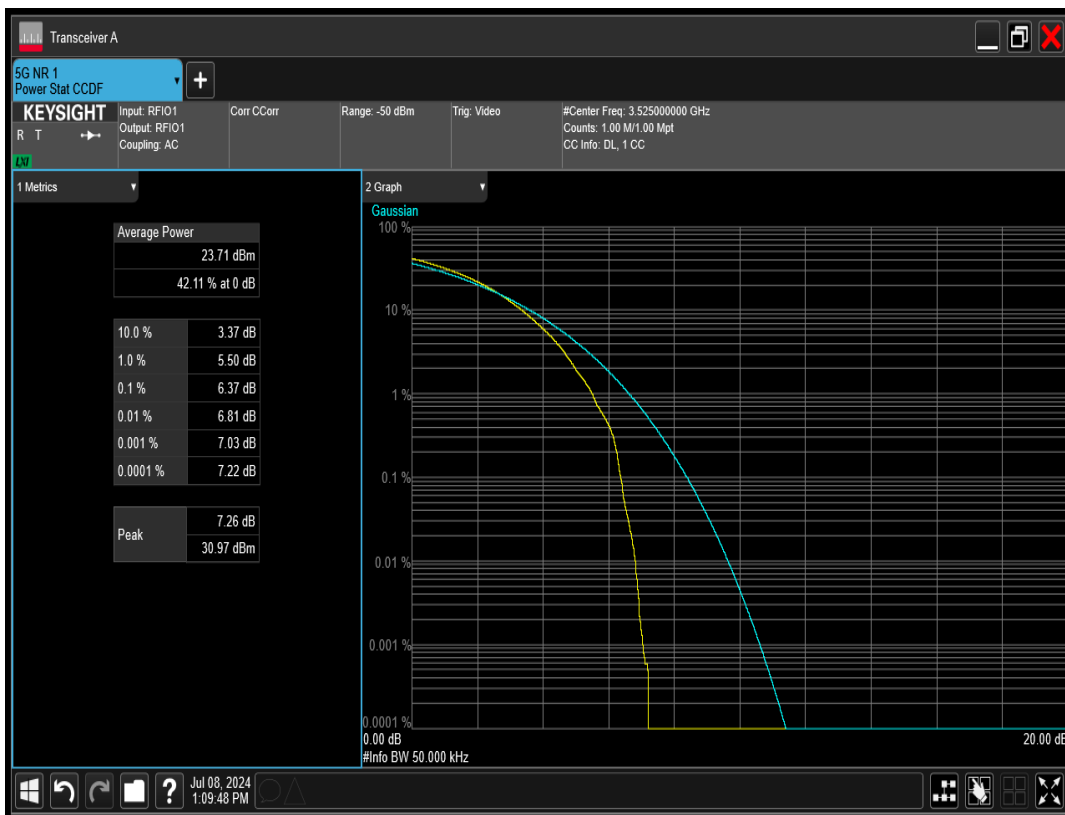
n77(3450-3550) SCS=30kHz DFT_QPSK BW=50MHz Channel=631668 RB=128@0



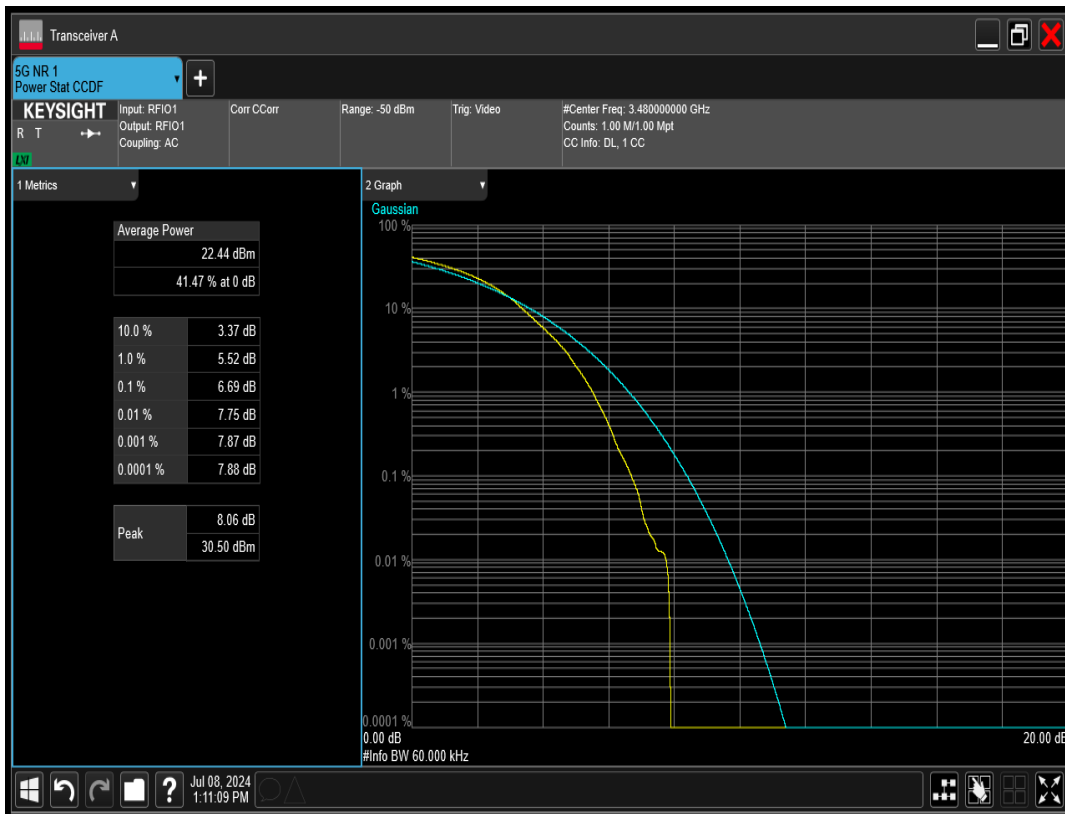
n77(3450-3550) SCS=30kHz DFT_QPSK BW=50MHz Channel=633334 RB=128@0



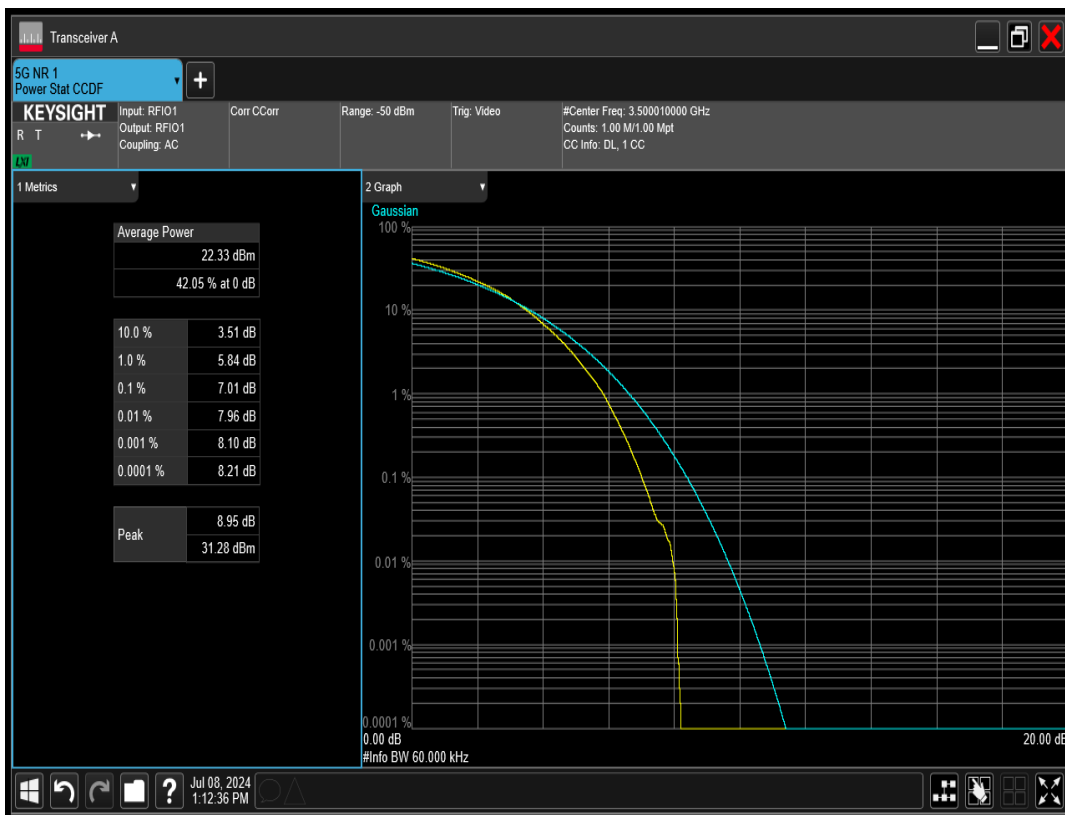
n77(3450-3550) SCS=30kHz DFT_QPSK BW=50MHz Channel=635000 RB=128@0



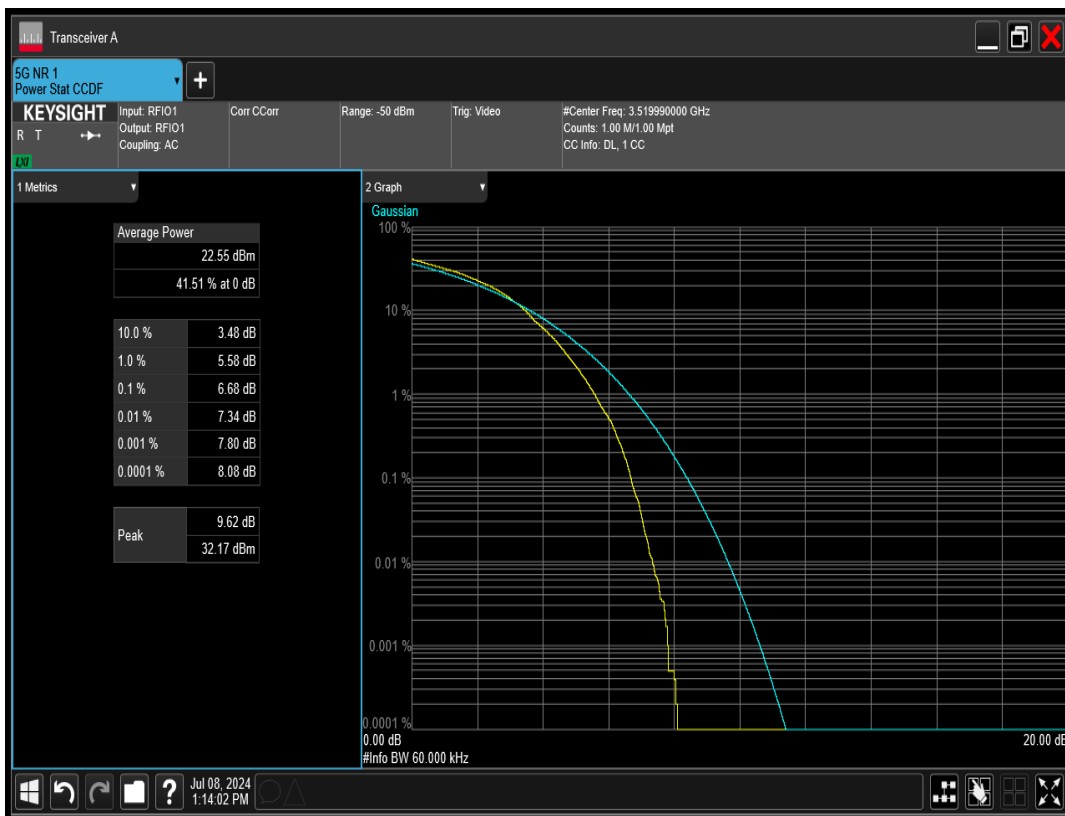
n77(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz Channel=632000 RB=162@0



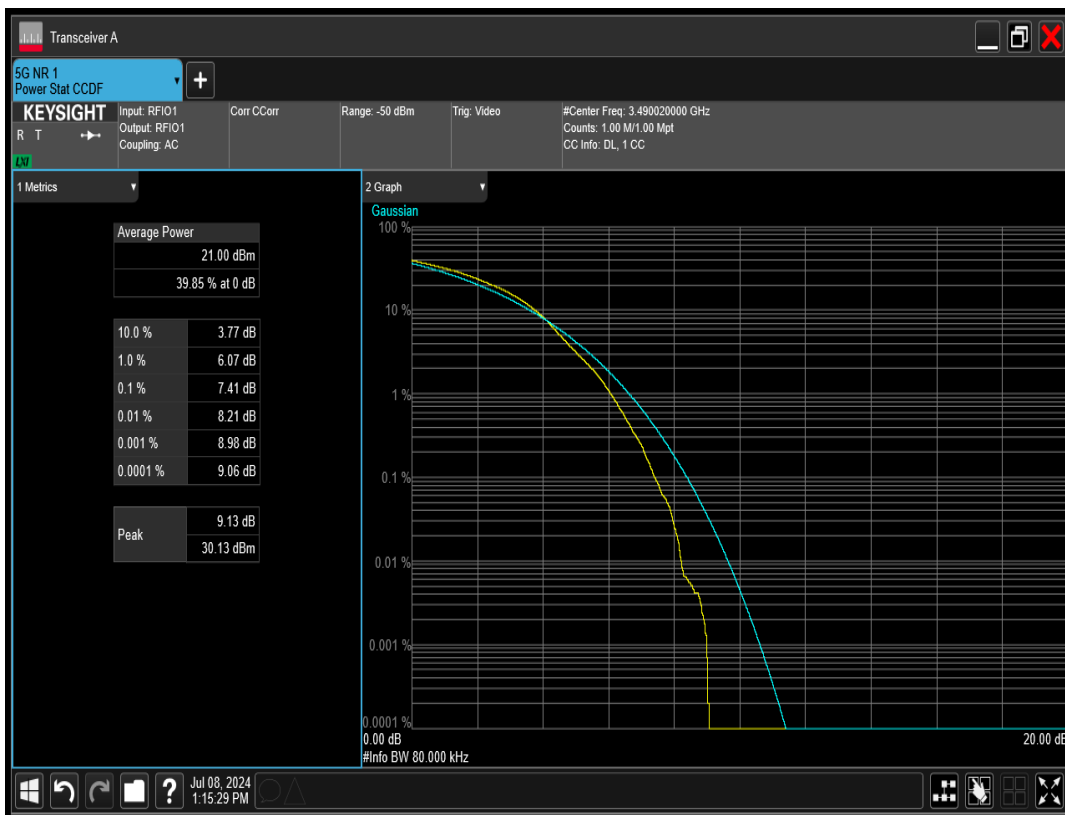
n77(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz Channel=633334 RB=162@0



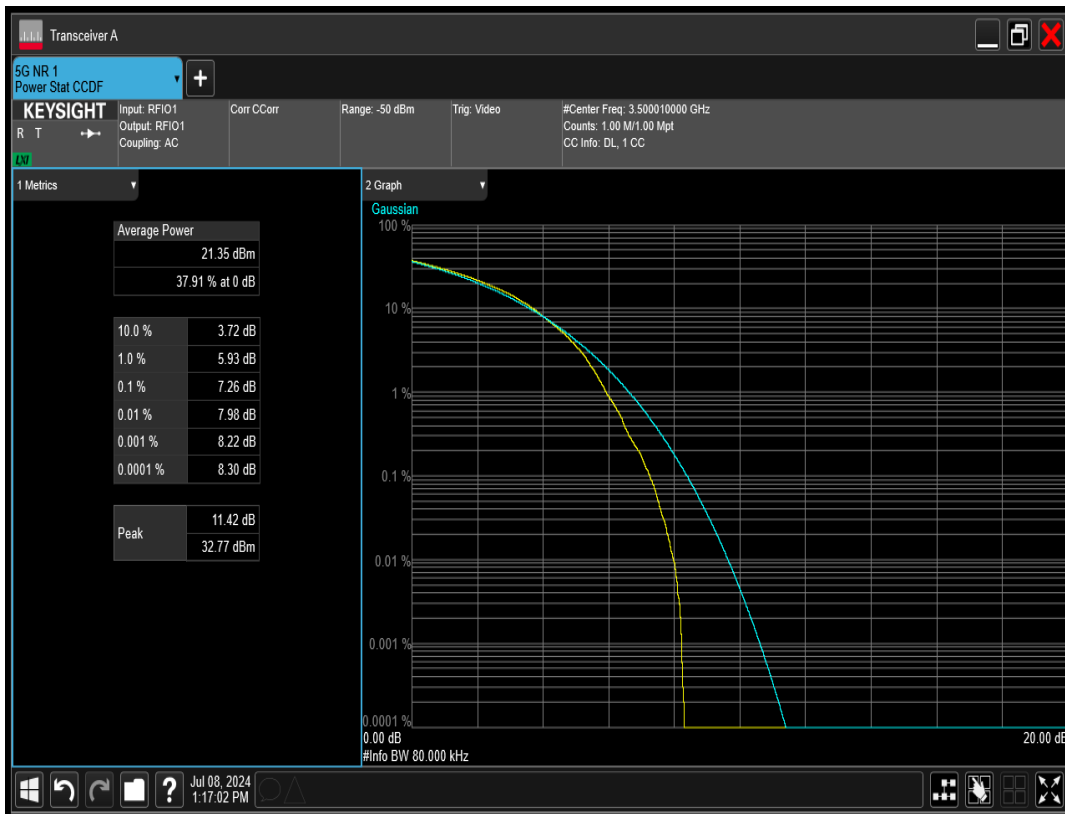
n77(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz Channel=634666 RB=162@0



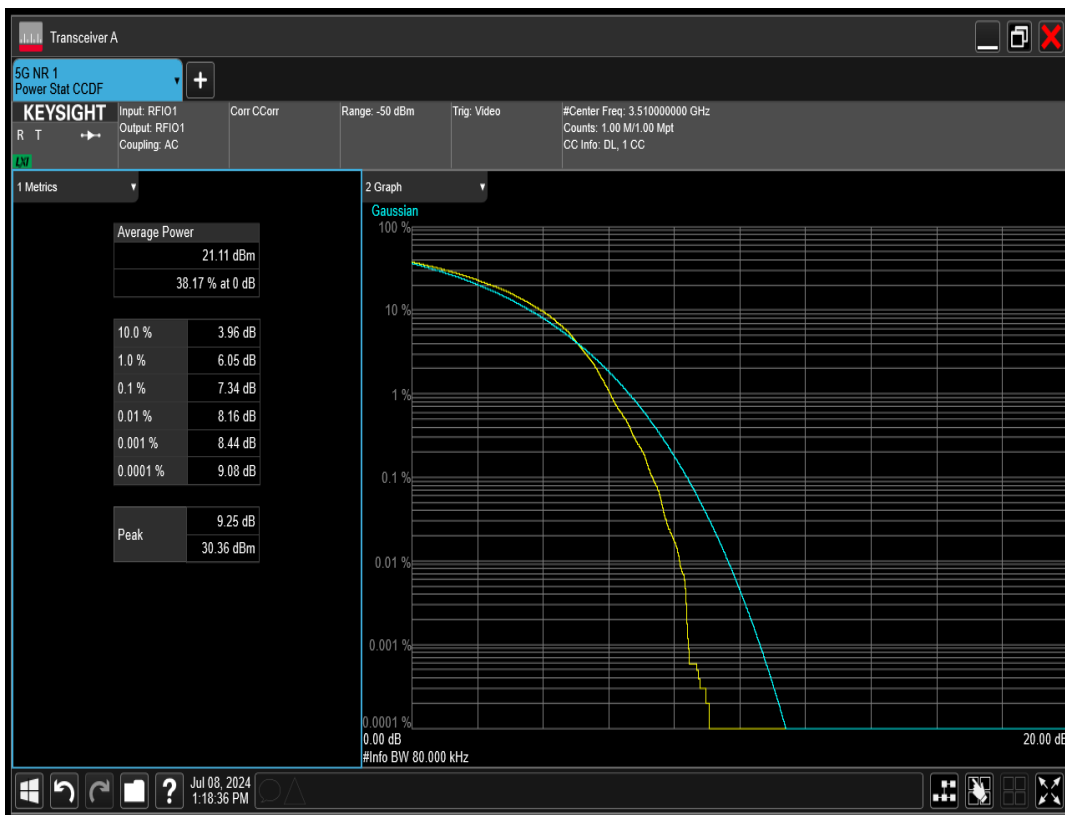
n77(3450-3550) SCS=30kHz DFT_QPSK BW=80MHz Channel=632668 RB=216@0



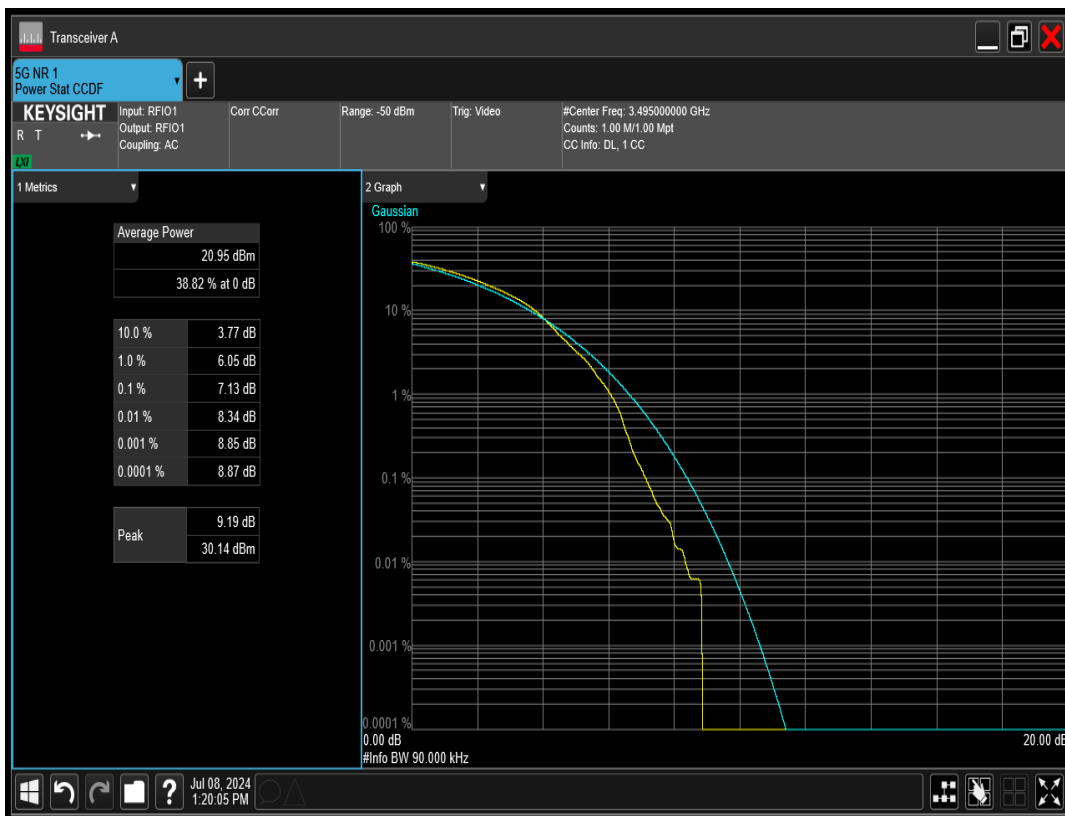
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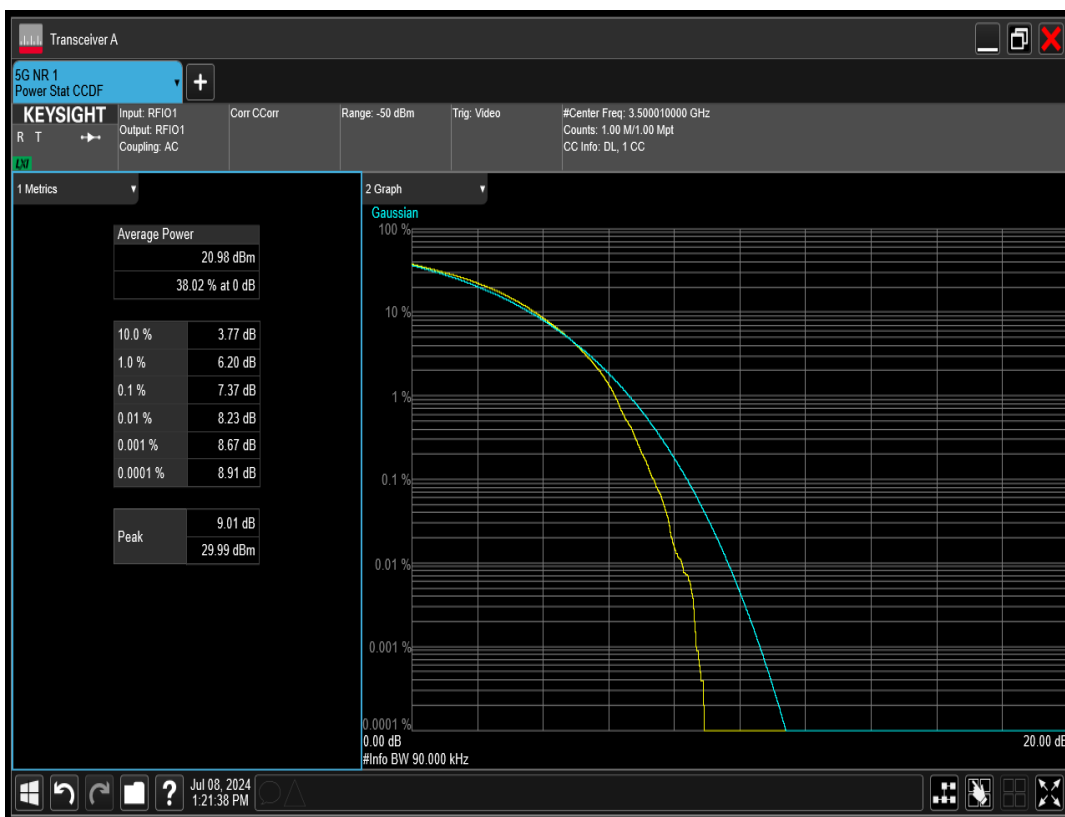
n77(3450-3550) SCS=30kHz DFT_QPSK BW=80MHz Channel=634000 RB=216@0



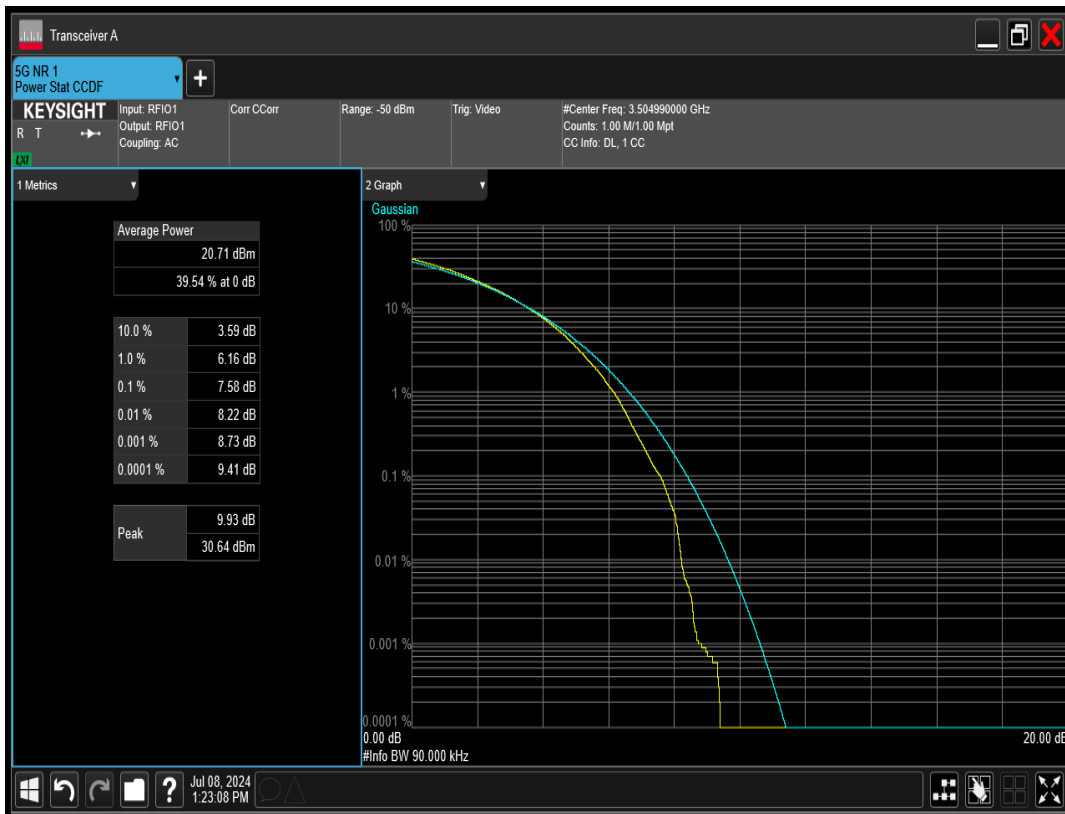
n77(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz Channel=633000 RB=240@0



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



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



4 Occupied bandwidth for NR FR1

| <i>Band</i> | <i>SCS (kHz)</i> | <i>Bandwidth (MHz)</i> | <i>UL Channel</i> | <i>RB Allocation</i> | <i>Modulation</i> | <i>99% OBW (MHz)</i> | <i>-26dB EBW (MHz)</i> | <i>Verdict</i> |
|----------------|----------------------|----------------------------|-----------------------|--------------------------|-------------------|--------------------------|----------------------------|----------------|
| n77(3450-3550) | 30 | 10 | 633334 | 24@0 | DFT_BPSK | 8.560 | 8.900 | PASS |
| n77(3450-3550) | 30 | 10 | 633334 | 24@0 | DFT_QPSK | 8.550 | 8.840 | PASS |
| n77(3450-3550) | 30 | 10 | 633334 | 24@0 | DFT_QAM16 | 8.530 | 8.880 | PASS |
| n77(3450-3550) | 30 | 10 | 633334 | 24@0 | DFT_QAM64 | 8.550 | 8.930 | PASS |
| n77(3450-3550) | 30 | 10 | 633334 | 24@0 | DFT_QAM256 | 8.550 | 8.930 | PASS |
| n77(3450-3550) | 30 | 15 | 633334 | 36@0 | DFT_BPSK | 13.460 | 13.280 | PASS |
| n77(3450-3550) | 30 | 15 | 633334 | 36@0 | DFT_QPSK | 13.540 | 13.300 | PASS |
| n77(3450-3550) | 30 | 15 | 633334 | 36@0 | DFT_QAM16 | 13.450 | 13.360 | PASS |
| n77(3450-3550) | 30 | 15 | 633334 | 36@0 | DFT_QAM64 | 13.450 | 13.320 | PASS |
| n77(3450-3550) | 30 | 15 | 633334 | 36@0 | DFT_QAM256 | 13.450 | 13.230 | PASS |
| n77(3450-3550) | 30 | 20 | 633334 | 50@0 | DFT_BPSK | 18.110 | 18.290 | PASS |
| n77(3450-3550) | 30 | 20 | 633334 | 50@0 | DFT_QPSK | 18.090 | 18.400 | PASS |
| n77(3450-3550) | 30 | 20 | 633334 | 50@0 | DFT_QAM16 | 18.000 | 18.280 | PASS |
| n77(3450-3550) | 30 | 20 | 633334 | 50@0 | DFT_QAM64 | 17.950 | 18.250 | PASS |
| n77(3450-3550) | 30 | 20 | 633334 | 50@0 | DFT_QAM256 | 17.950 | 18.340 | PASS |
| n77(3450-3550) | 30 | 30 | 633334 | 75@0 | DFT_BPSK | 27.530 | 27.420 | PASS |
| n77(3450-3550) | 30 | 30 | 633334 | 75@0 | DFT_QPSK | 27.650 | 27.320 | PASS |
| n77(3450-3550) | 30 | 30 | 633334 | 75@0 | DFT_QAM16 | 27.560 | 27.320 | PASS |
| n77(3450-3550) | 30 | 30 | 633334 | 75@0 | DFT_QAM64 | 27.570 | 27.240 | PASS |
| n77(3450-3550) | 30 | 30 | 633334 | 75@0 | DFT_QAM256 | 27.600 | 27.420 | PASS |
| n77(3450-3550) | 30 | 40 | 633334 | 100@0 | DFT_BPSK | 37.560 | 36.380 | PASS |
| n77(3450-3550) | 30 | 40 | 633334 | 100@0 | DFT_QPSK | 37.460 | 36.310 | PASS |
| n77(3450-3550) | 30 | 40 | 633334 | 100@0 | DFT_QAM16 | 37.490 | 36.370 | PASS |
| n77(3450-3550) | 30 | 40 | 633334 | 100@0 | DFT_QAM64 | 37.500 | 36.250 | PASS |
| n77(3450-3550) | 30 | 40 | 633334 | 100@0 | DFT_QAM256 | 37.440 | 36.280 | PASS |
| n77(3450-3550) | 30 | 50 | 633334 | 128@0 | DFT_BPSK | 47.020 | 46.270 | PASS |
| n77(3450-3550) | 30 | 50 | 633334 | 128@0 | DFT_QPSK | 47.020 | 46.430 | PASS |
| n77(3450-3550) | 30 | 50 | 633334 | 128@0 | DFT_QAM16 | 46.960 | 46.370 | PASS |
| n77(3450-3550) | 30 | 50 | 633334 | 128@0 | DFT_QAM64 | 46.950 | 46.330 | PASS |
| n77(3450-3550) | 30 | 50 | 633334 | 128@0 | DFT_QAM256 | 47.140 | 46.380 | PASS |
| n77(3450-3550) | 30 | 60 | 633334 | 162@0 | DFT_BPSK | 57.710 | 58.710 | PASS |
| n77(3450-3550) | 30 | 60 | 633334 | 162@0 | DFT_QPSK | 57.710 | 58.670 | PASS |
| n77(3450-3550) | 30 | 60 | 633334 | 162@0 | DFT_QAM16 | 57.610 | 58.590 | PASS |
| n77(3450-3550) | 30 | 60 | 633334 | 162@0 | DFT_QAM64 | 57.690 | 58.630 | PASS |
| n77(3450-3550) | 30 | 60 | 633334 | 162@0 | DFT_QAM256 | 57.630 | 58.620 | PASS |
| n77(3450-3550) | 30 | 80 | 633334 | 216@0 | DFT_BPSK | 76.930 | 78.060 | PASS |
| n77(3450-3550) | 30 | 80 | 633334 | 216@0 | DFT_QPSK | 76.930 | 78.110 | PASS |
| n77(3450-3550) | 30 | 80 | 633334 | 216@0 | DFT_QAM16 | 76.950 | 78.090 | PASS |
| n77(3450-3550) | 30 | 80 | 633334 | 216@0 | DFT_QAM64 | 76.920 | 78.040 | PASS |
| n77(3450-3550) | 30 | 80 | 633334 | 216@0 | DFT_QAM256 | 76.950 | 77.980 | PASS |

| | | | | | | | | |
|----------------|----|-----|--------|-------|------------|--------|--------|------|
| n77(3450-3550) | 30 | 90 | 633334 | 240@0 | DFT_BPSK | 86.530 | 86.630 | PASS |
| n77(3450-3550) | 30 | 90 | 633334 | 240@0 | DFT_QPSK | 86.310 | 86.750 | PASS |
| n77(3450-3550) | 30 | 90 | 633334 | 240@0 | DFT_QAM16 | 86.450 | 86.770 | PASS |
| n77(3450-3550) | 30 | 90 | 633334 | 240@0 | DFT_QAM64 | 86.460 | 86.780 | PASS |
| n77(3450-3550) | 30 | 90 | 633334 | 240@0 | DFT_QAM256 | 86.570 | 86.660 | PASS |
| n77(3450-3550) | 30 | 100 | 633334 | 270@0 | DFT_BPSK | 96.280 | 97.540 | PASS |
| n77(3450-3550) | 30 | 100 | 633334 | 270@0 | DFT_QPSK | 96.410 | 97.600 | PASS |
| n77(3450-3550) | 30 | 100 | 633334 | 270@0 | DFT_QAM16 | 96.270 | 97.600 | PASS |
| n77(3450-3550) | 30 | 100 | 633334 | 270@0 | DFT_QAM64 | 96.160 | 97.520 | PASS |
| n77(3450-3550) | 30 | 100 | 633334 | 270@0 | DFT_QAM256 | 96.160 | 97.540 | PASS |

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



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



n77(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=633334 RB=36 @0



n77(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=633334 RB=50 @0



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



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



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



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



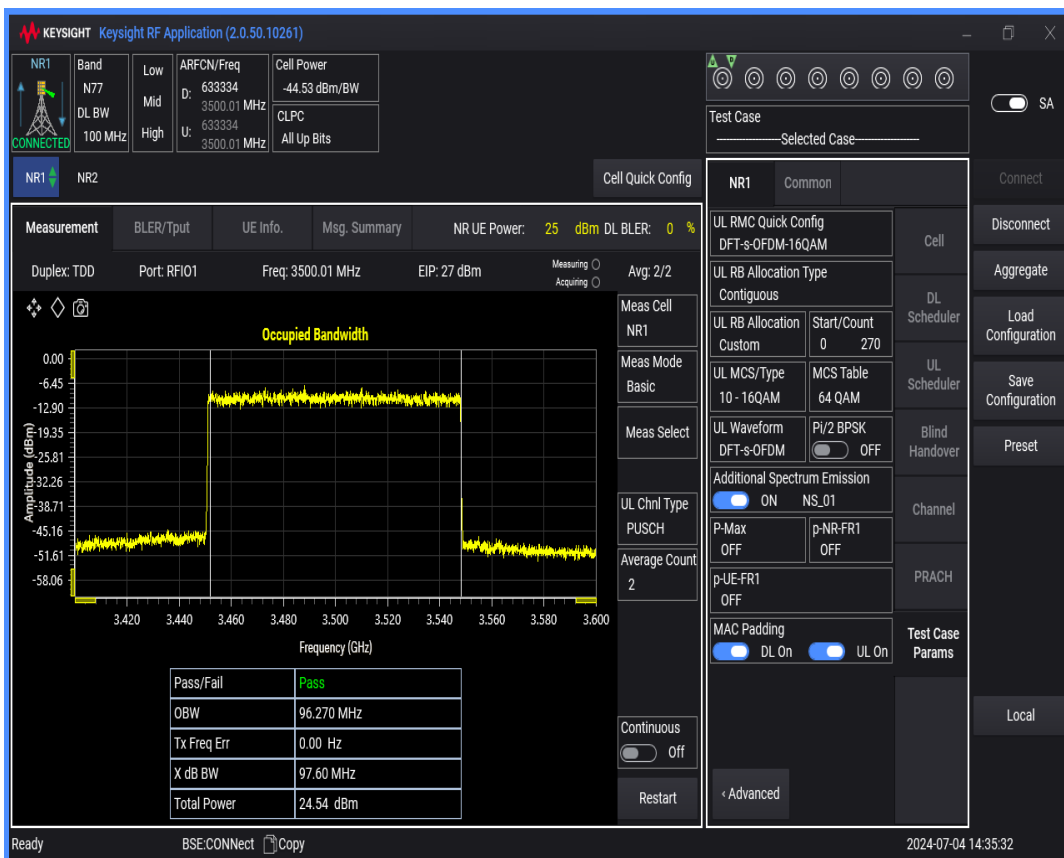
n77(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz Channel=633334 RB=216@0



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



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



n77(3450-3550) SCS=30kHz DFT_QAM16 BW=10MHz Channel=633334 RB=24@0



n77(3450-3550) SCS=30kHz DFT_QAM16 BW=15MHz Channel=633334 RB=36@0



n77(3450-3550) SCS=30kHz DFT_QAM16 BW=20MHz Channel=633334 RB=50@0



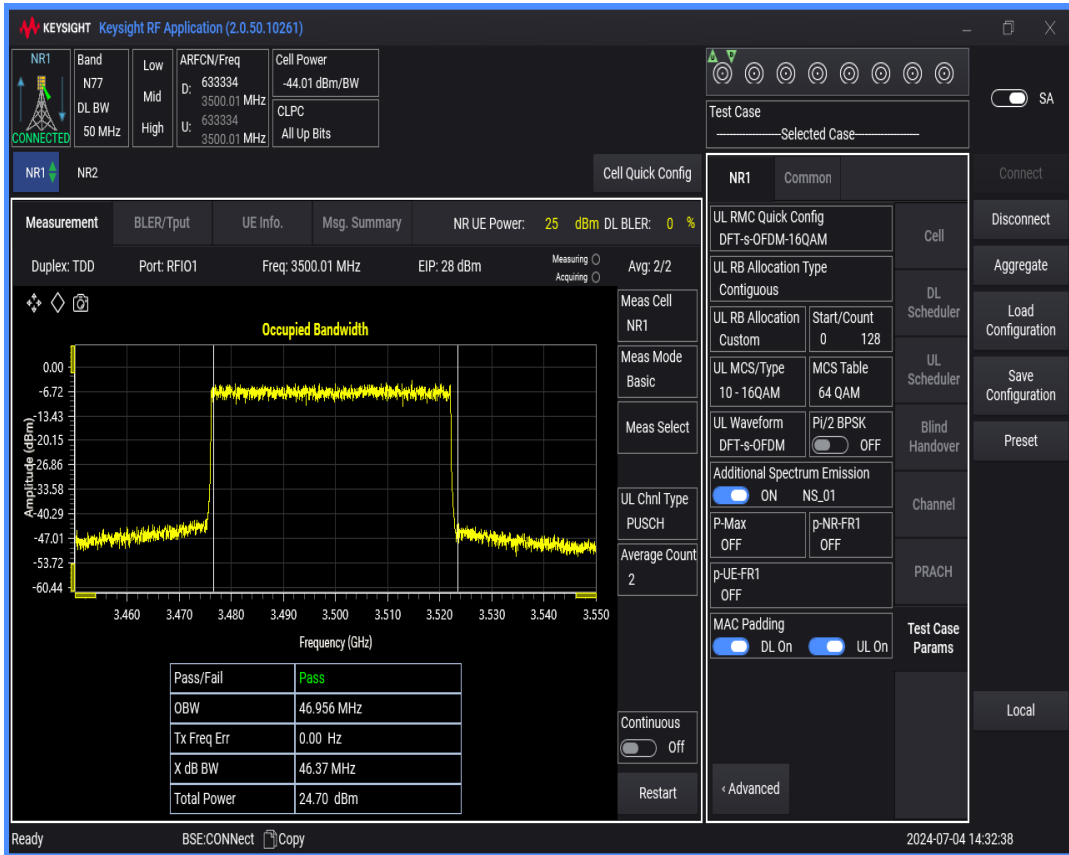
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=30MHz Channel=633334 RB=75@0



n77(3450-3550) SCS=30kHz DFT_QAM16 BW=40MHz Channel=633334 RB=100@0



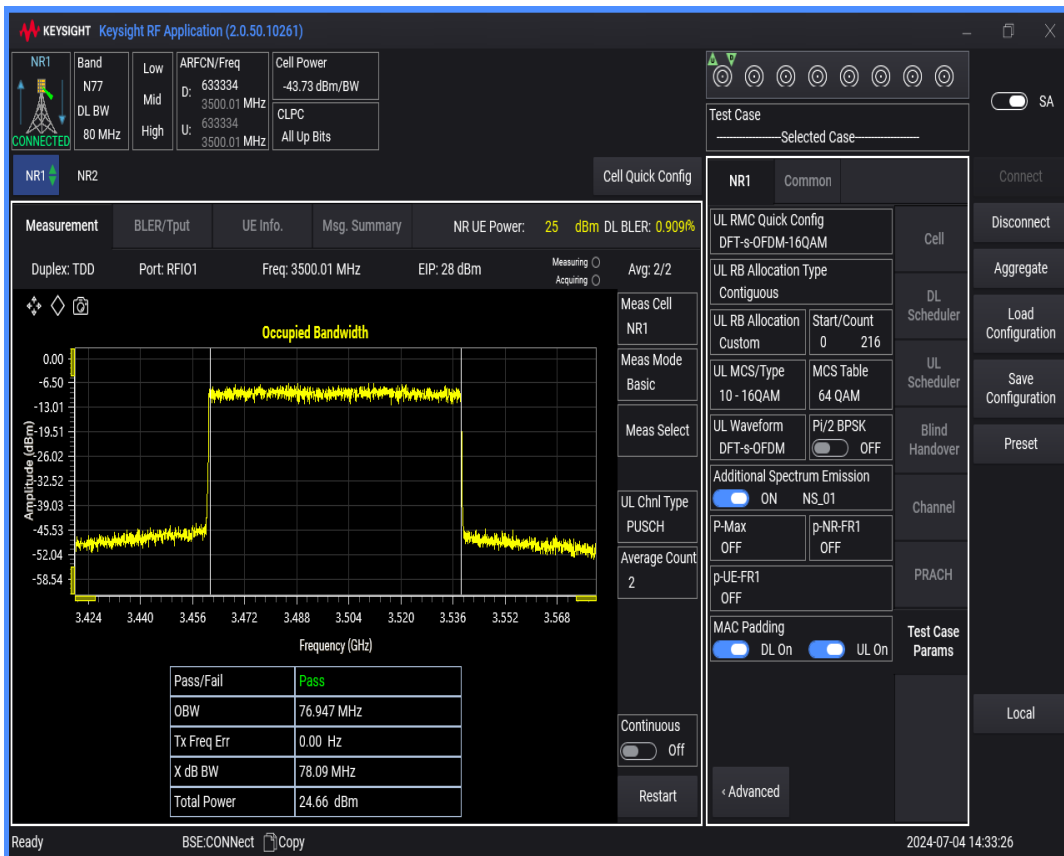
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=50MHz Channel=633334 RB=128@0



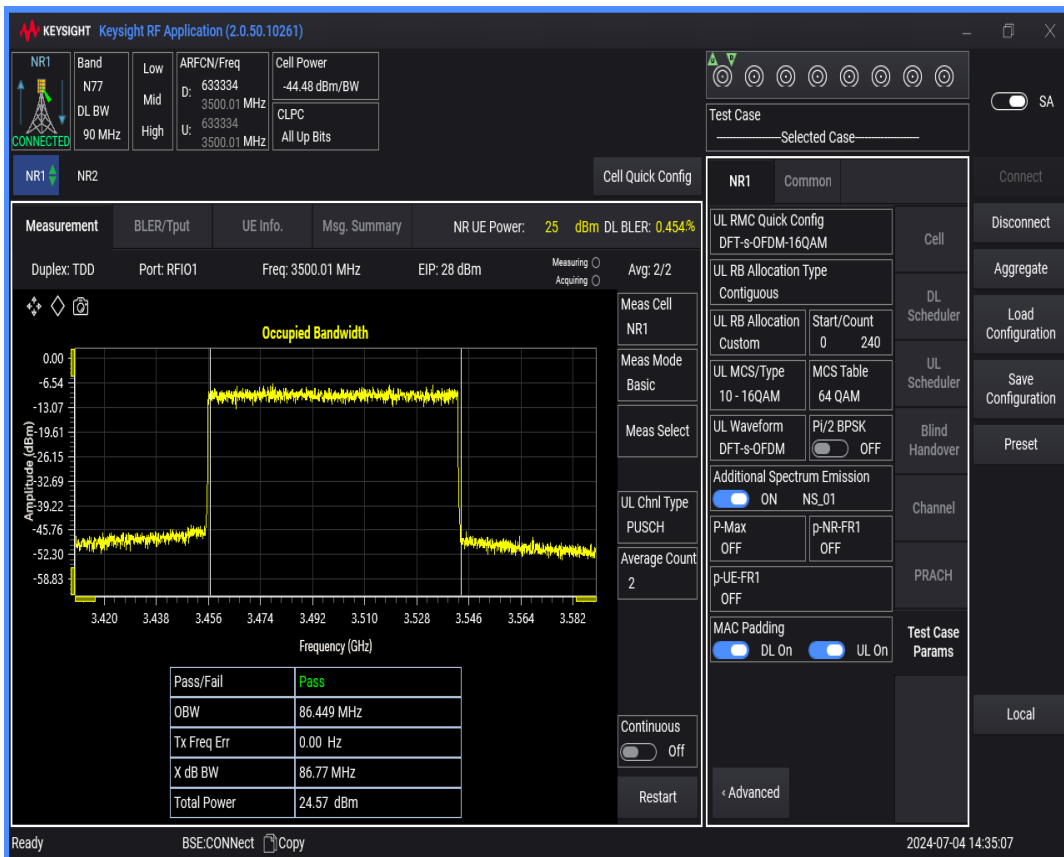
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=60MHz Channel=633334 RB=162@0



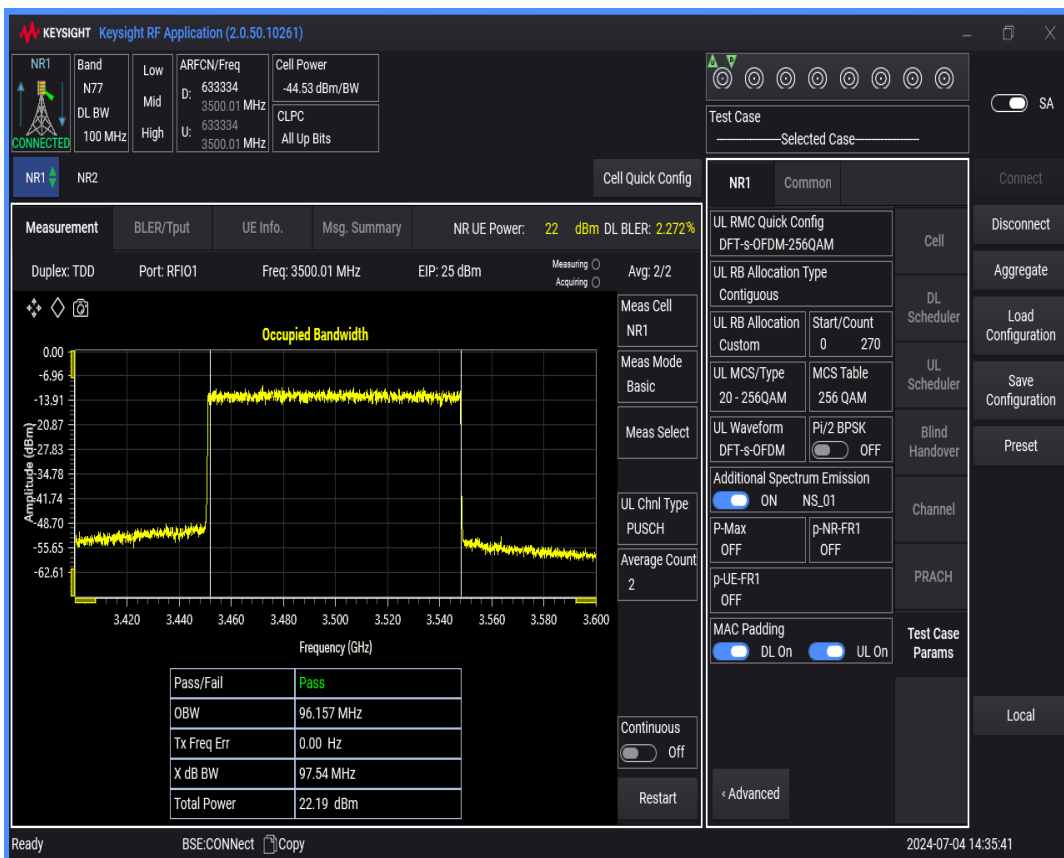
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=80MHz Channel=633334 RB=216@0



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



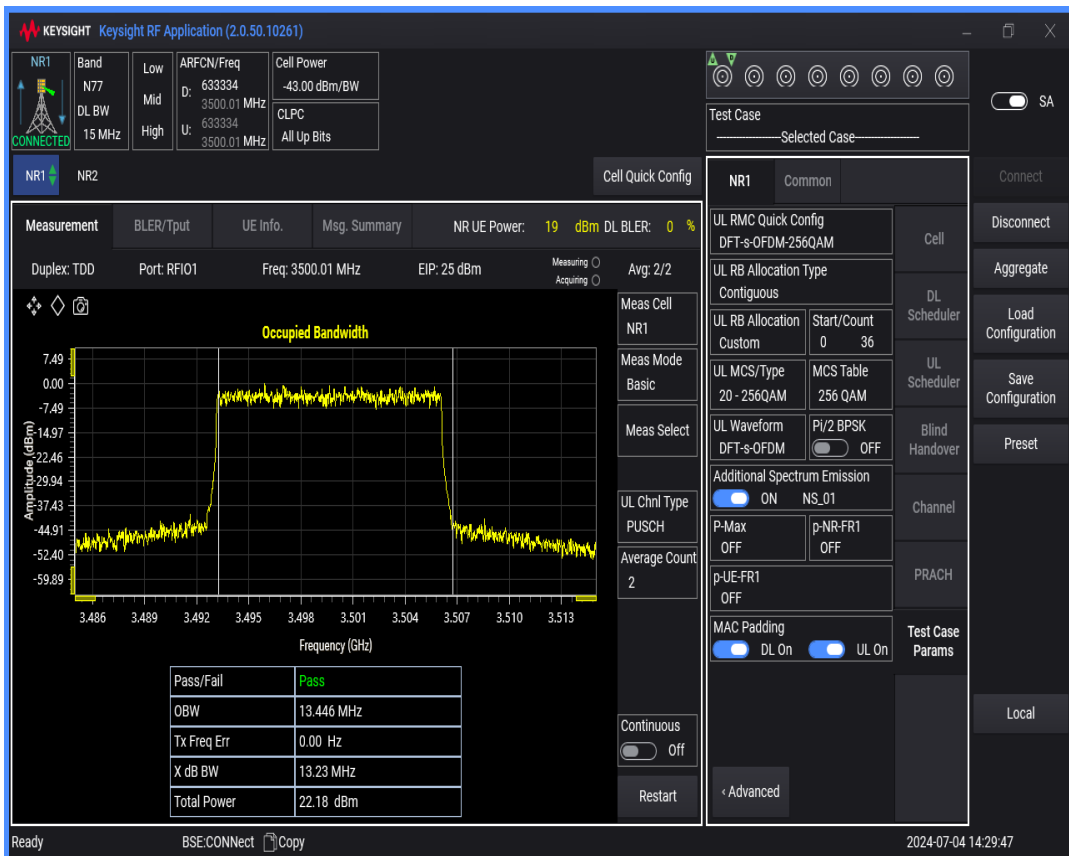
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=100MHz Channel=633334 RB=270@0



n77(3450-3550) SCS=30kHz DFT_QAM256 BW=10MHz Channel=633334 RB=24@0



n77(3450-3550) SCS=30kHz DFT_QAM256 BW=15MHz Channel=633334 RB=36@0



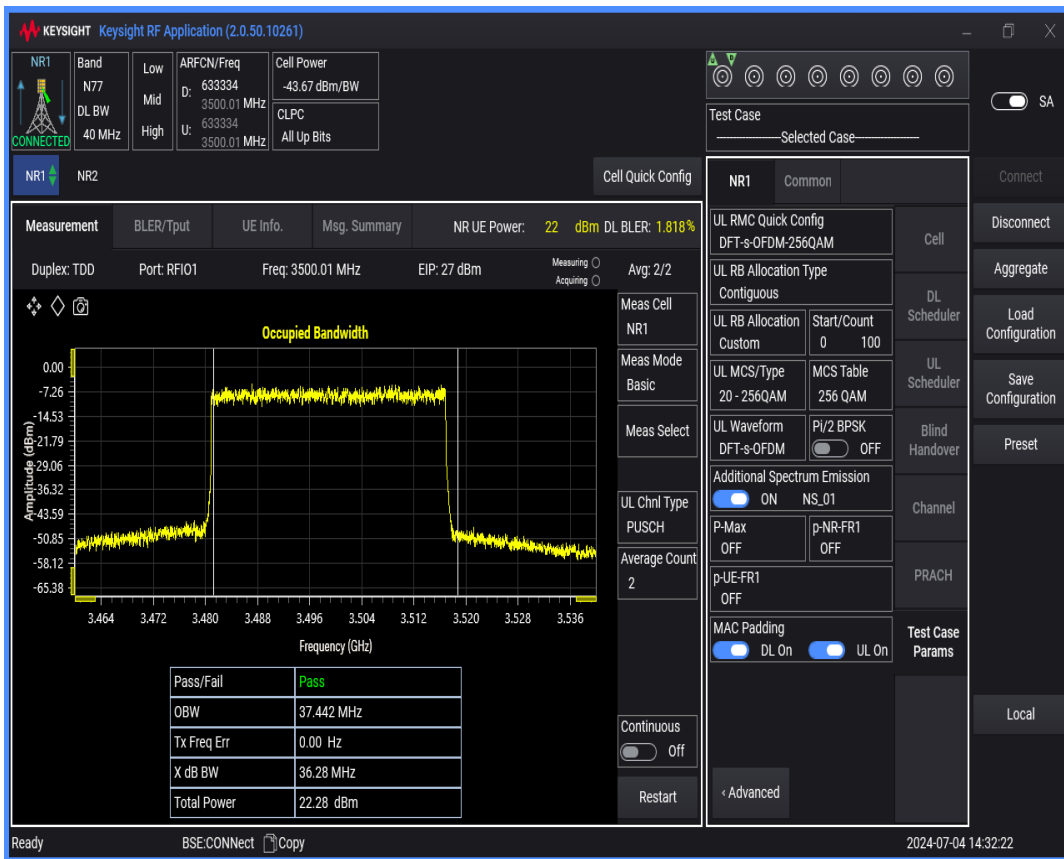
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=20MHz Channel=633334 RB=50@0



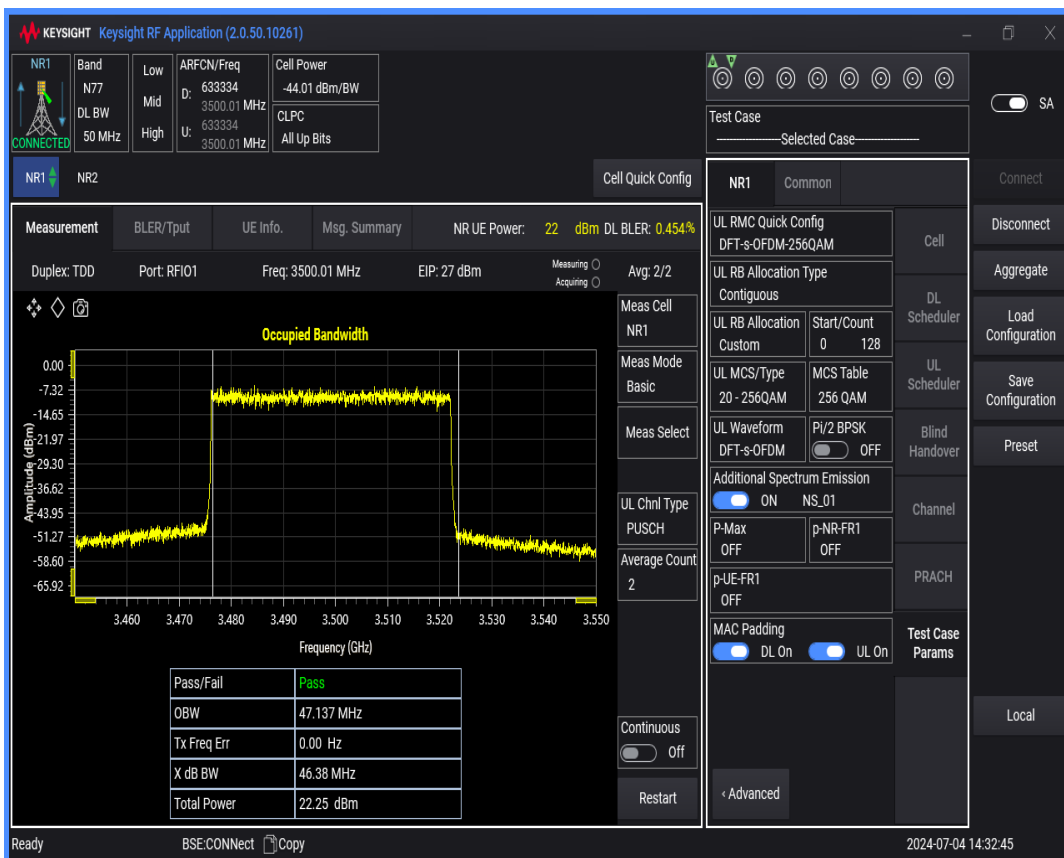
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=30MHz Channel=633334 RB=75@0



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



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



n77(3450-3550) SCS=30kHz DFT_QAM256 BW=60MHz Channel=633334 RB=162@0



n77(3450-3550) SCS=30kHz DFT_QAM256 BW=80MHz Channel=633334 RB=216@0



n77(3450-3550) SCS=30kHz DFT_QAM256 BW=90MHz Channel=633334 RB=240@0