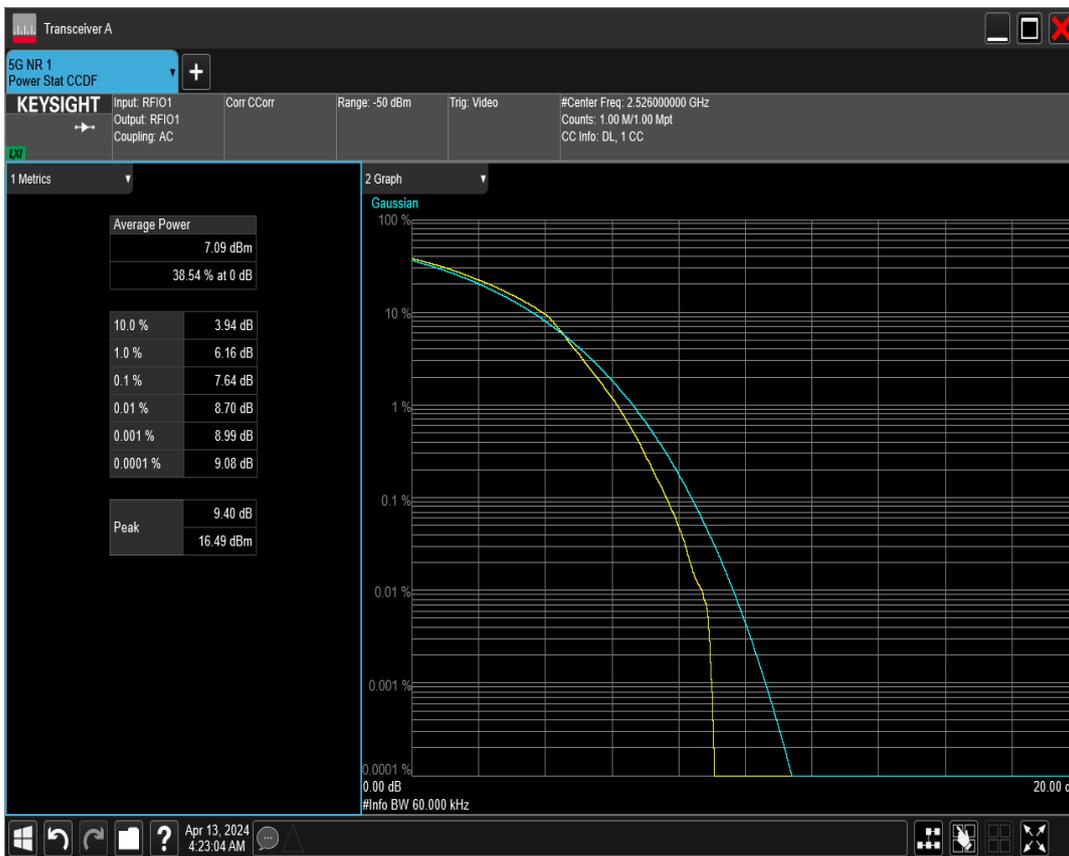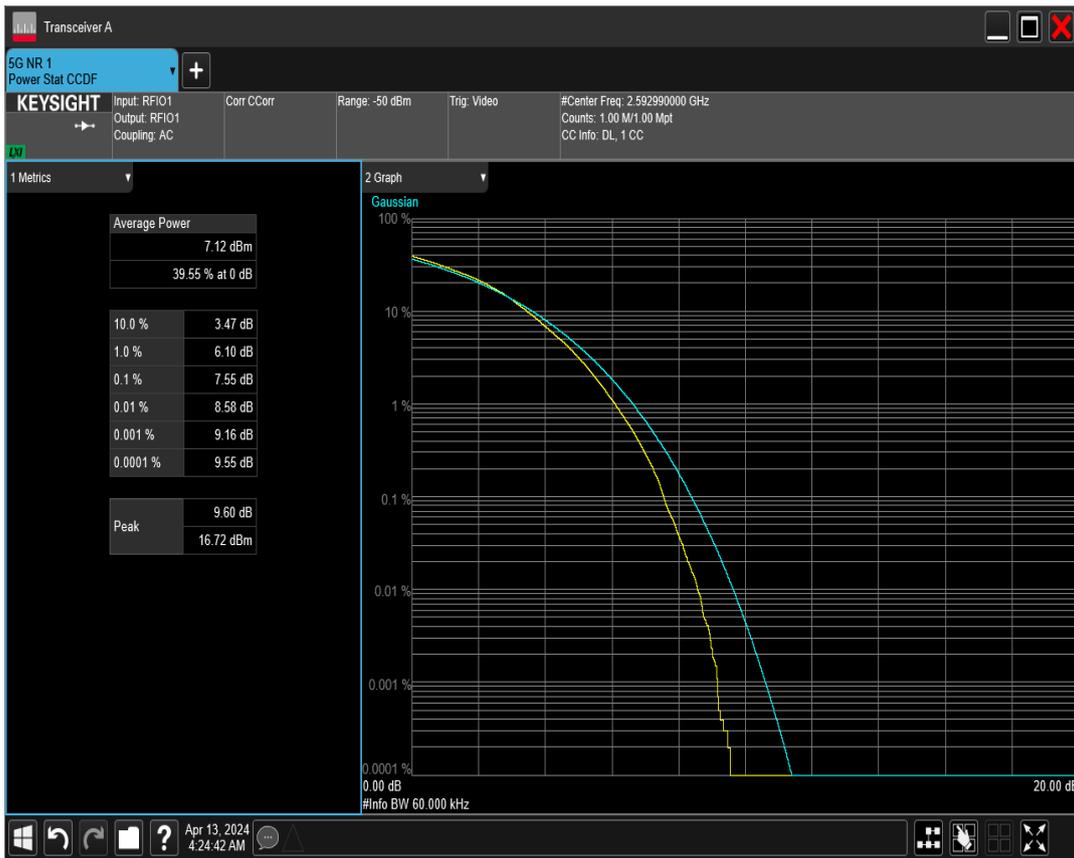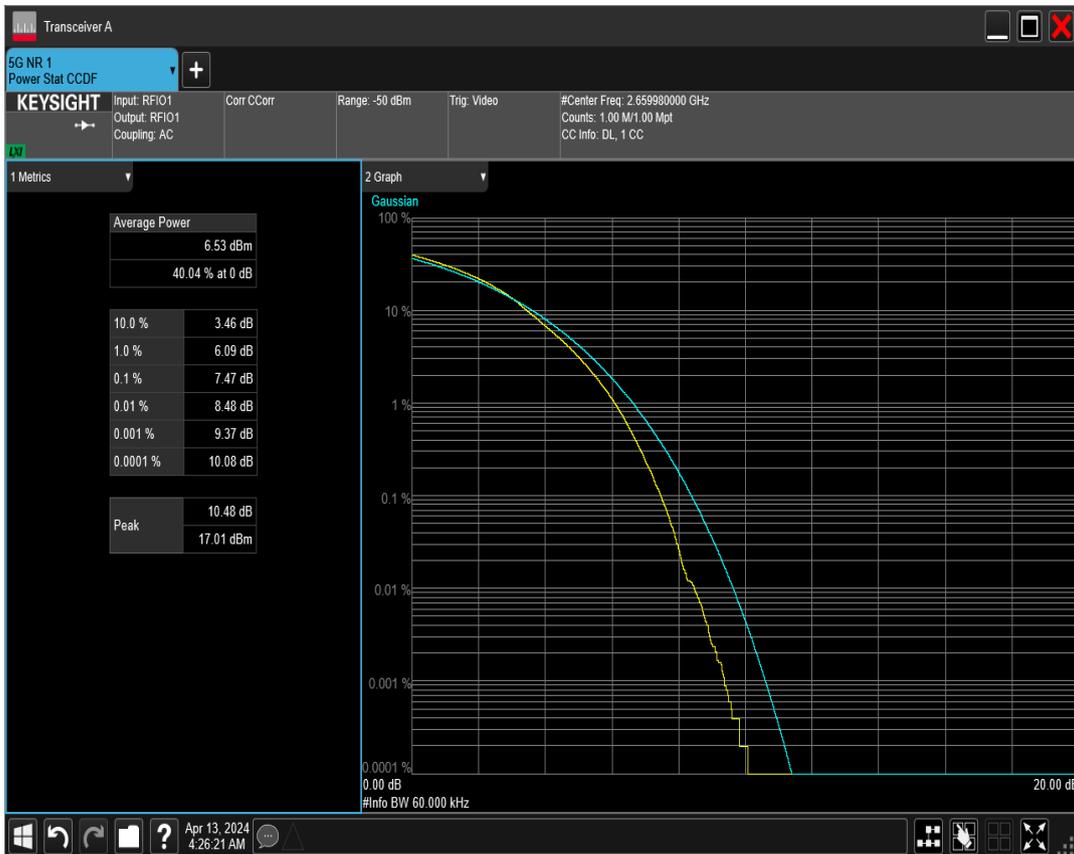n41 SCS=30kHz DFT_QAM256 BW=60MHz Channel=505200 RB=162@0



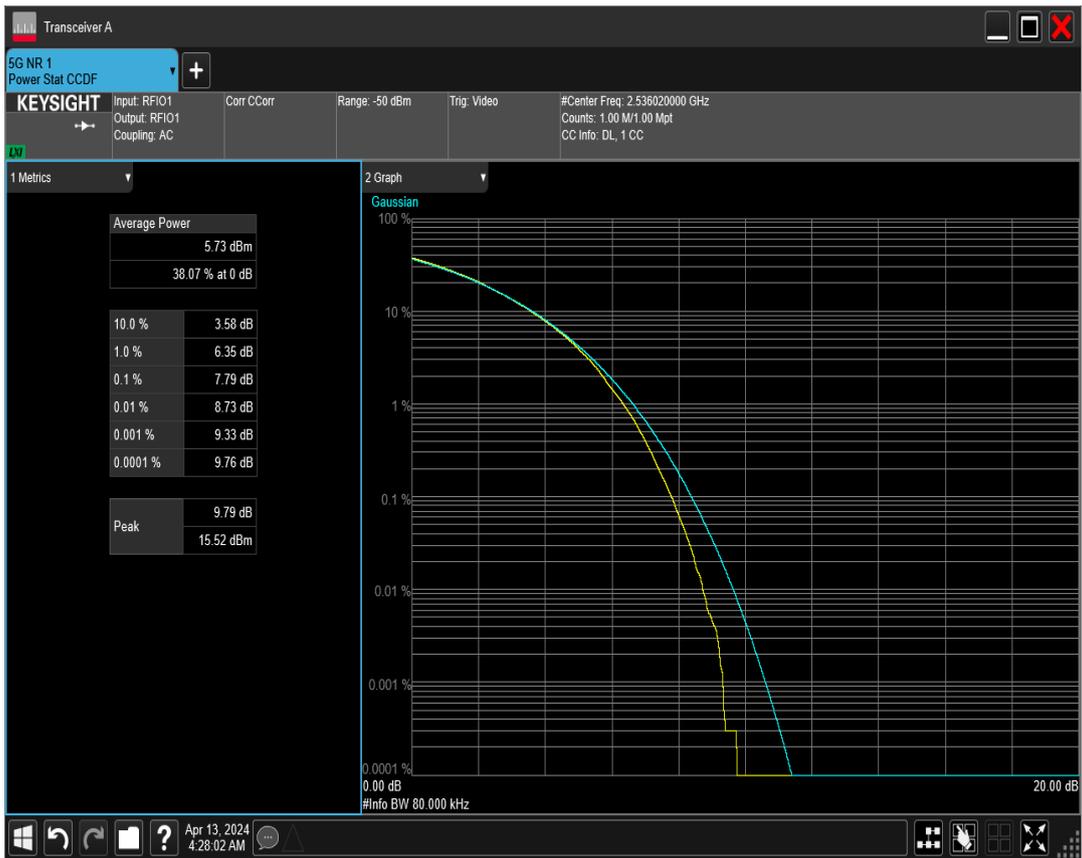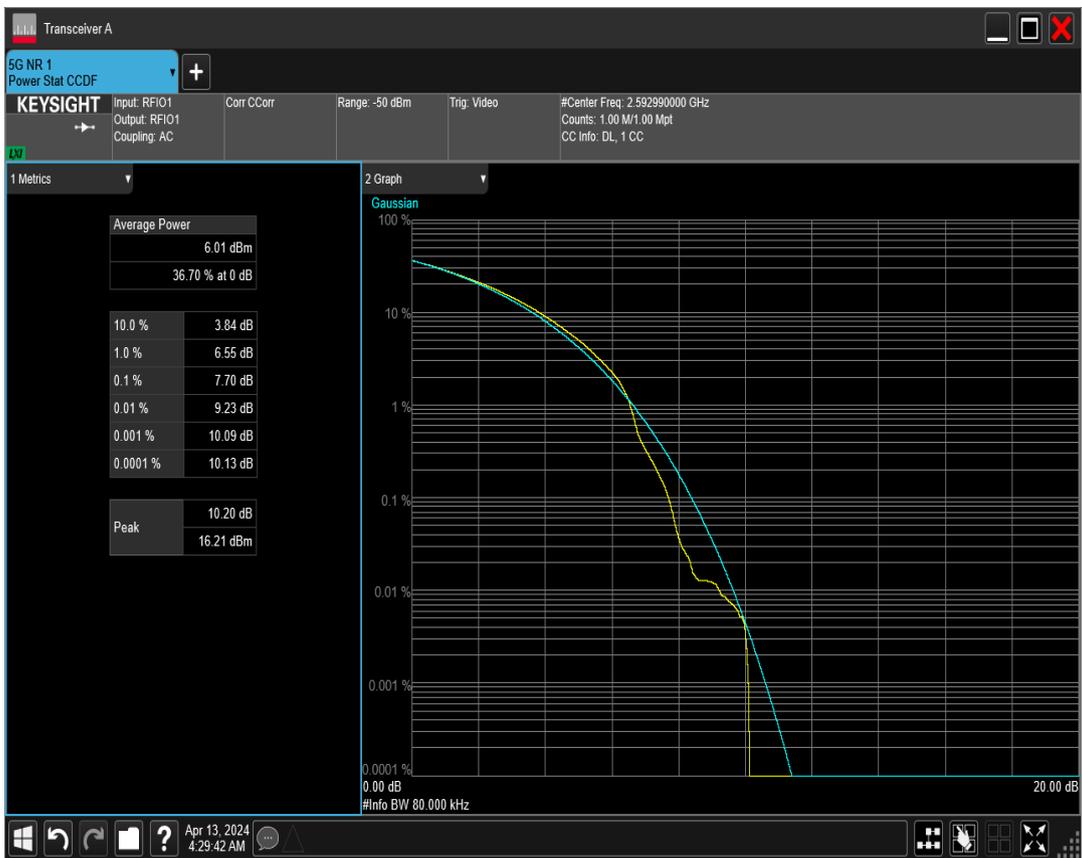n41 SCS=30kHz DFT_QAM256 BW=60MHz Channel=518598 RB=162@0

n41 SCS=30kHz DFT_QAM256 BW=60MHz Channel=531996 RB=162@0
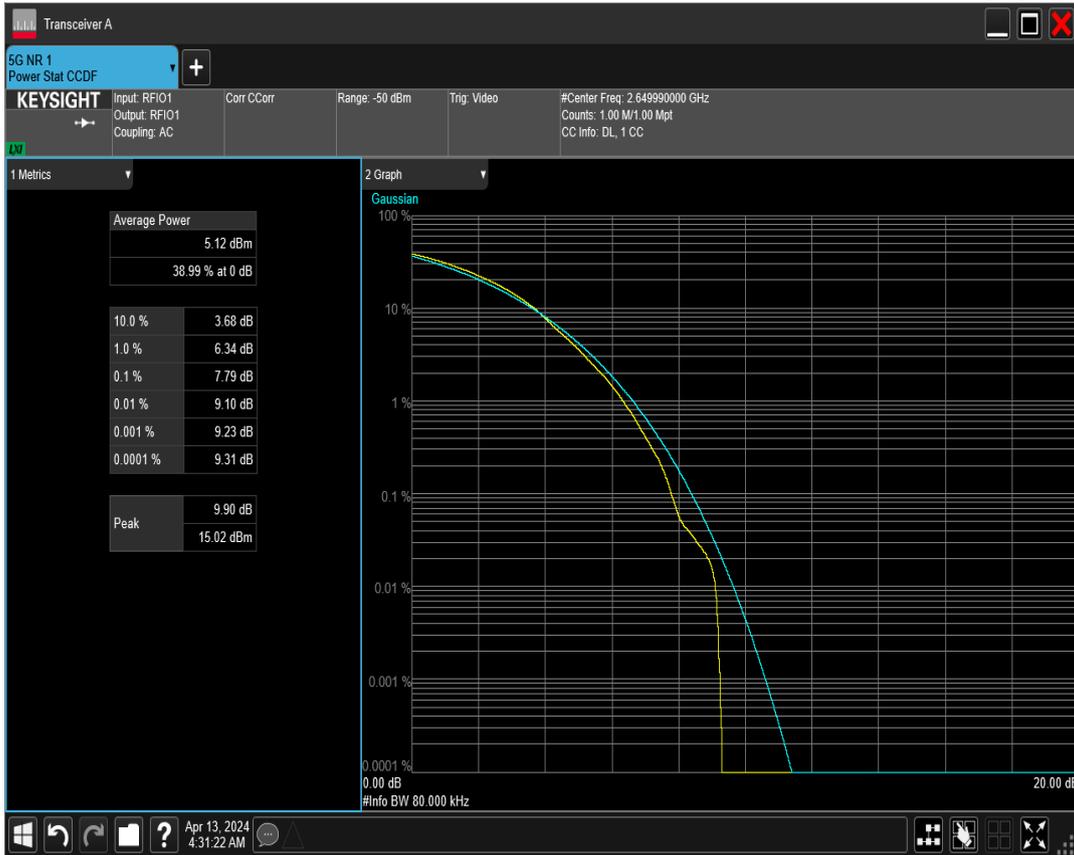


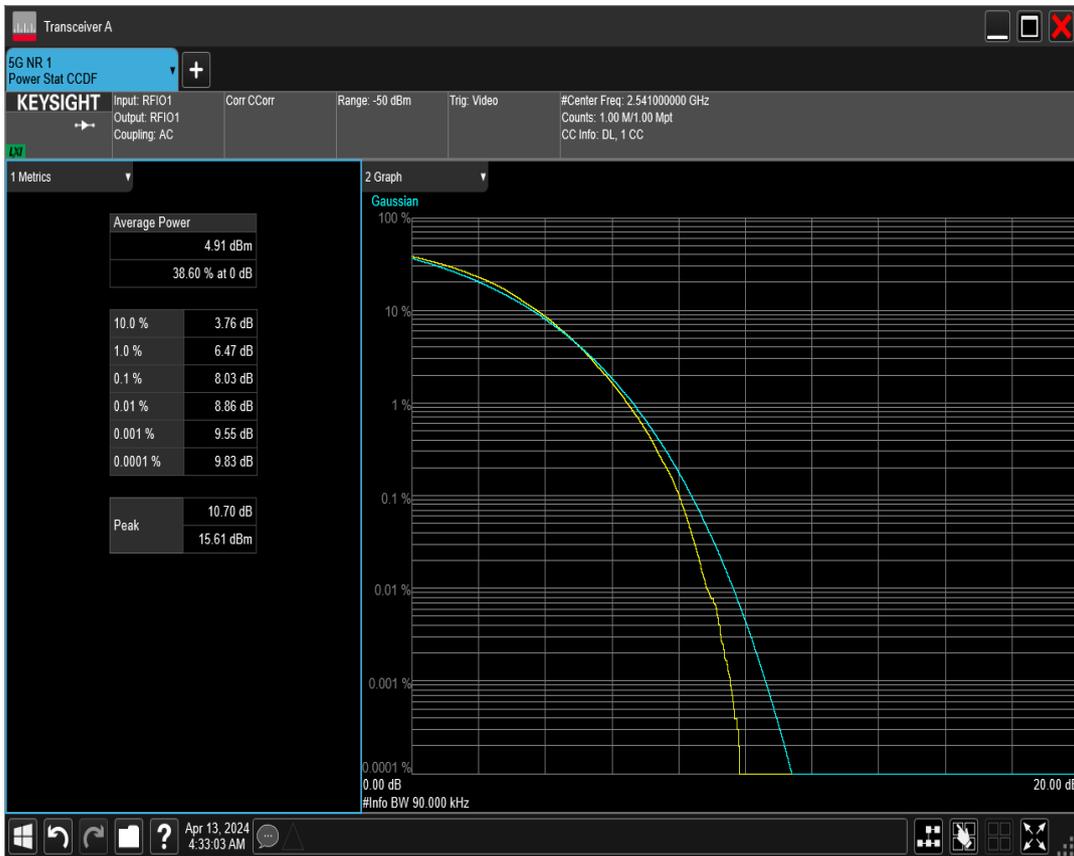n41 SCS=30kHz DFT_QAM256 BW=80MHz Channel=507204 RB=216@0

**Transceiver A**

5G NR 1
Power Stat CCDF
KEYSIGHT

| Input: RFIO1 | Corr CCorr | Range: -50 dBm | Trig: Video | #Center Freq: 2.536020000 GHz |
| Output: RFIO1 | | | | Counts: 1.00 M/1.00 Mpt |
| Coupling: AC | | | | CC Info: DL, 1 CC |

LXI

1 Metrics

| Average Power | |
|---|---|
| | 5.73 dBm |
| | 38.07 % at 0 dB |
| 10.0 % | 3.58 dB |
| 1.0 % | 6.35 dB |
| 0.1 % | 7.79 dB |
| 0.01 % | 8.73 dB |
| 0.001 % | 9.33 dB |
| 0.0001 % | 9.76 dB |
| Peak | 9.79 dB |
| | 15.52 dBm |

2 Graph
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0.00 dB
#Info BW 80.000 kHz
20.00 dB

Apr 13, 2024
4:28:02 AM

n41 SCS=30kHz DFT_QAM256 BW=80MHz Channel=518598 RB=216@0

**Transceiver A**

5G NR 1
Power Stat CCDF
KEYSIGHT

| Input: RFIO1 | Corr CCorr | Range: -50 dBm | Trig: Video | #Center Freq: 2.592990000 GHz |
| Output: RFIO1 | | | | Counts: 1.00 M/1.00 Mpt |
| Coupling: AC | | | | CC Info: DL, 1 CC |

LXI

1 Metrics

| Average Power | |
|---|---|
| | 6.01 dBm |
| | 36.70 % at 0 dB |
| 10.0 % | 3.84 dB |
| 1.0 % | 6.55 dB |
| 0.1 % | 7.70 dB |
| 0.01 % | 9.23 dB |
| 0.001 % | 10.09 dB |
| 0.0001 % | 10.13 dB |
| Peak | 10.20 dB |
| | 16.21 dBm |

2 Graph
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0.00 dB
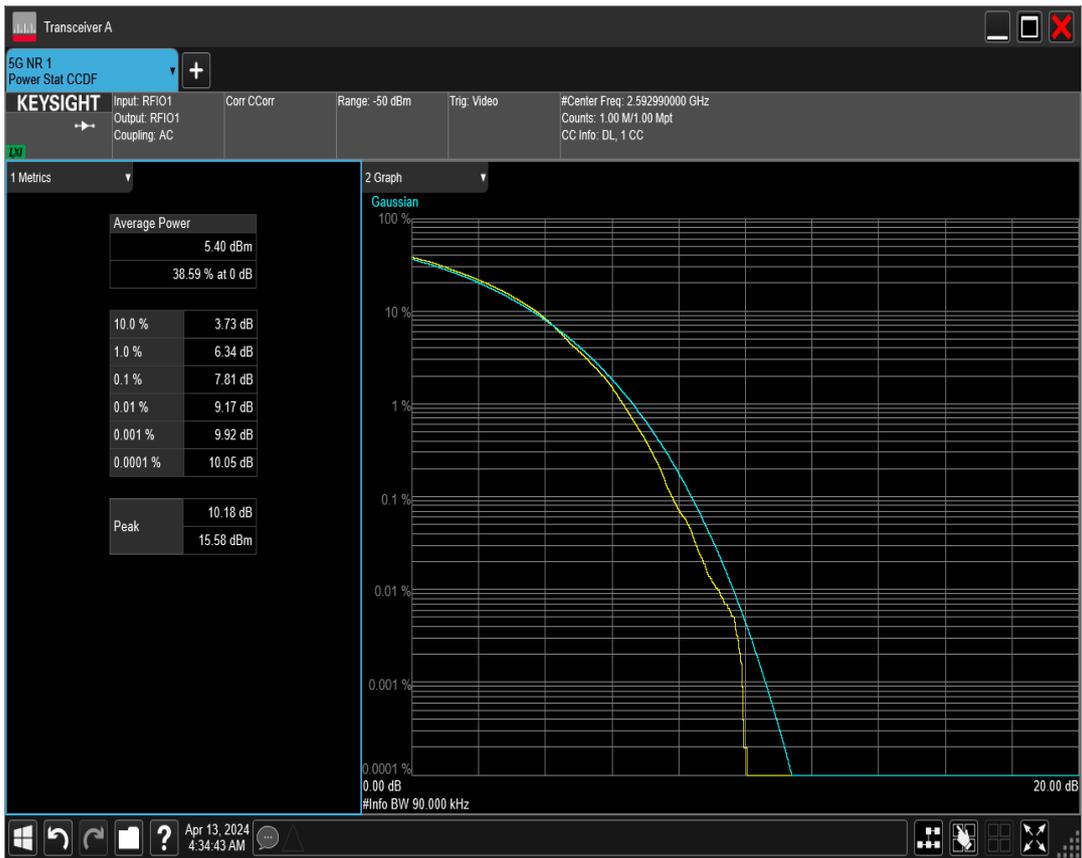#Info BW 80.000 kHz
20.00 dB

Apr 13, 2024
4:29:42 AM

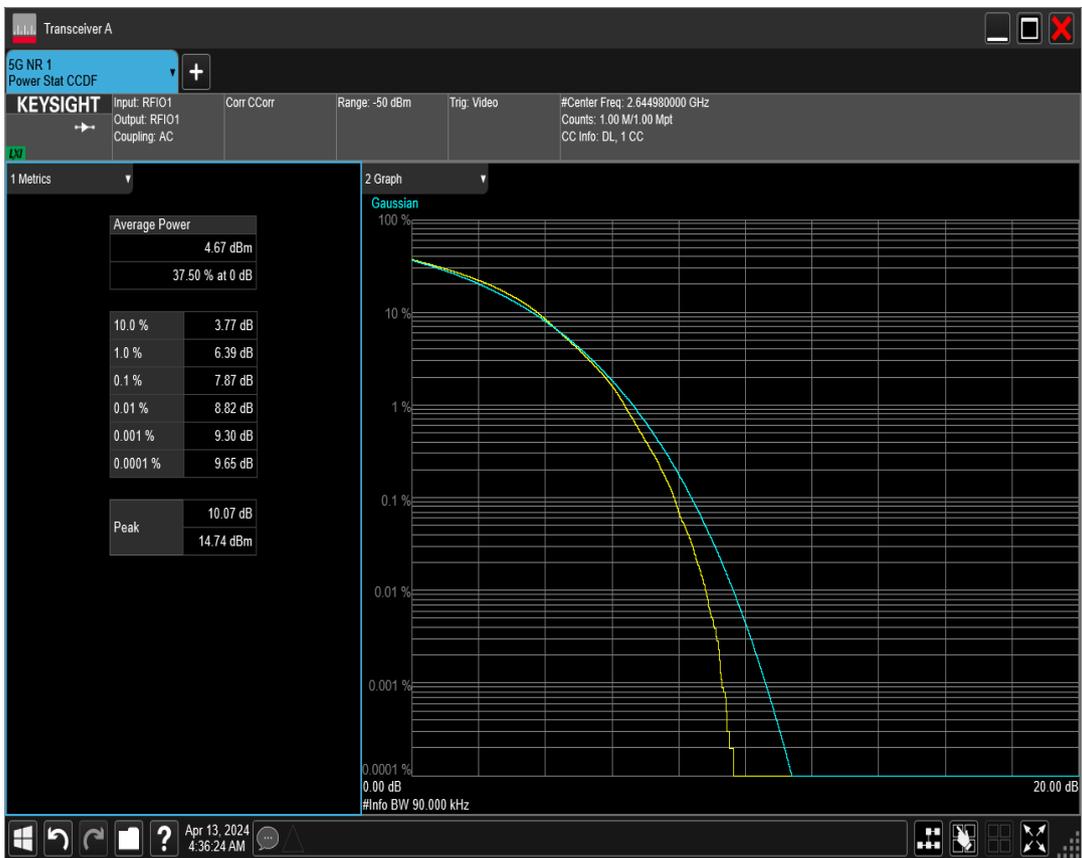n41 SCS=30kHz DFT_QAM256 BW=80MHz Channel=529998 RB=216@0

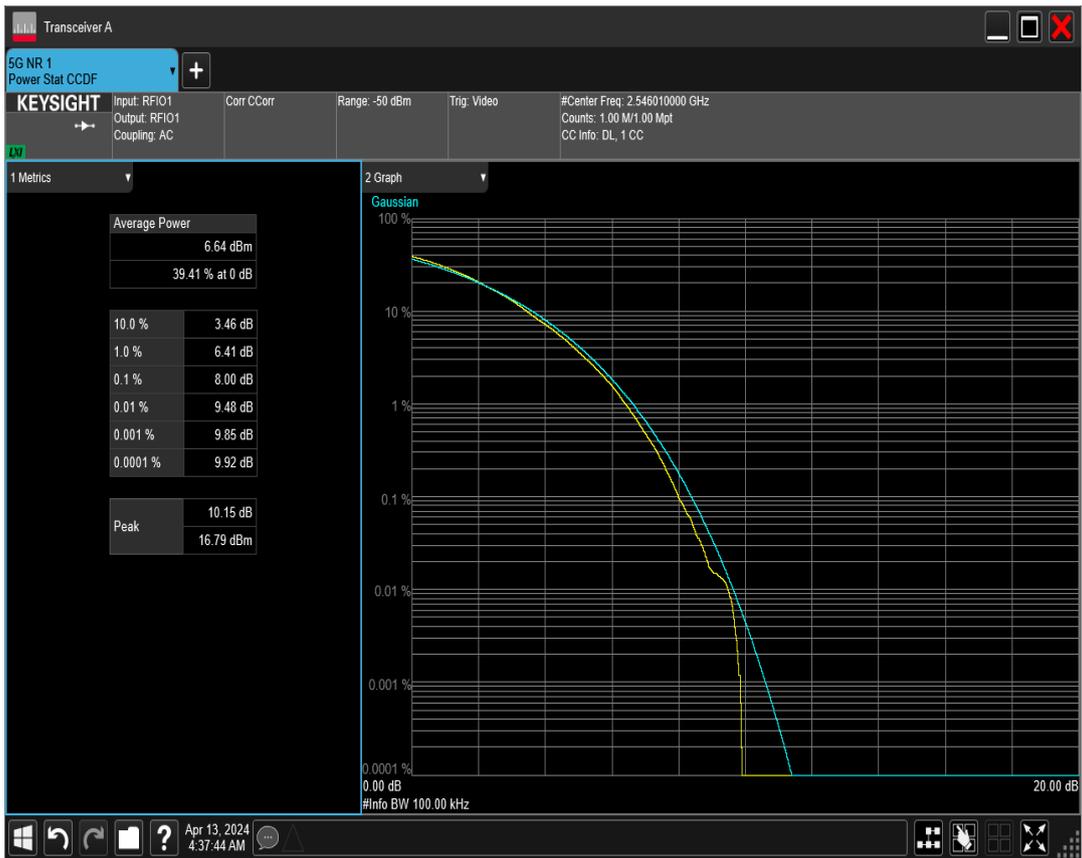n41 SCS=30kHz DFT_QAM256 BW=90MHz Channel=508200 RB=240@0

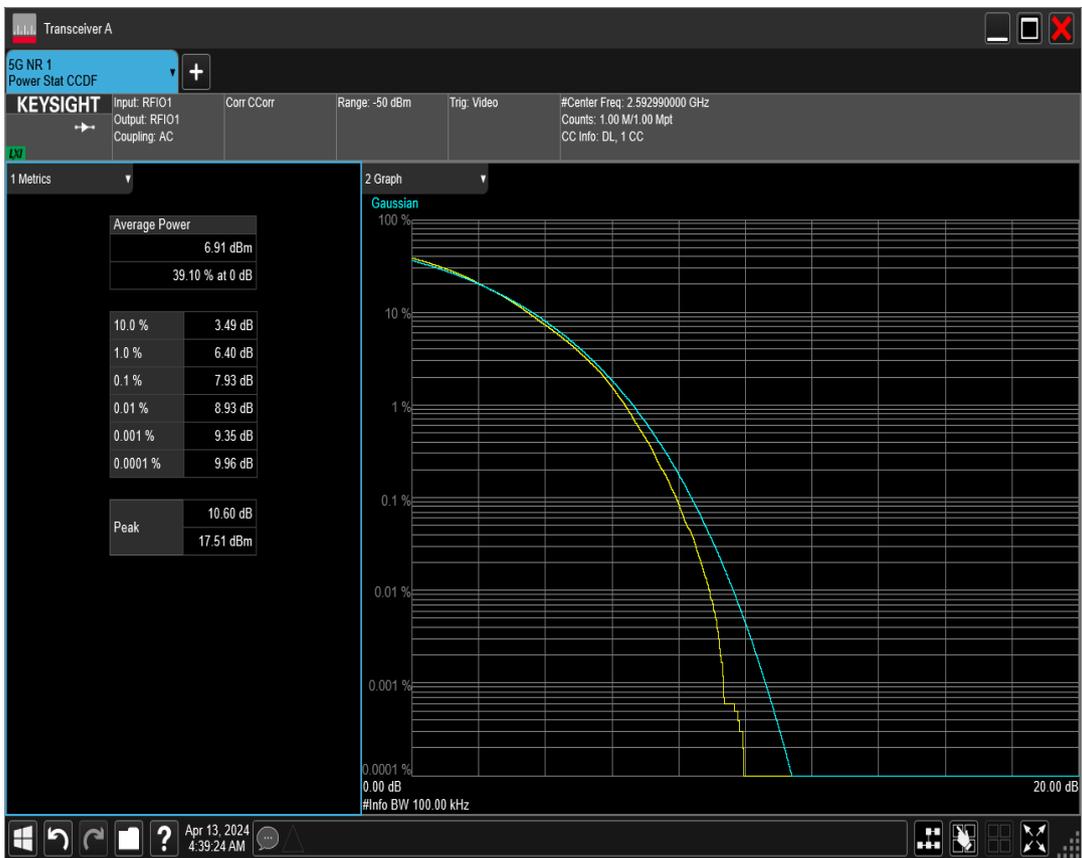

n41 SCS=30kHz DFT_QAM256 BW=90MHz Channel=518598 RB=240@0
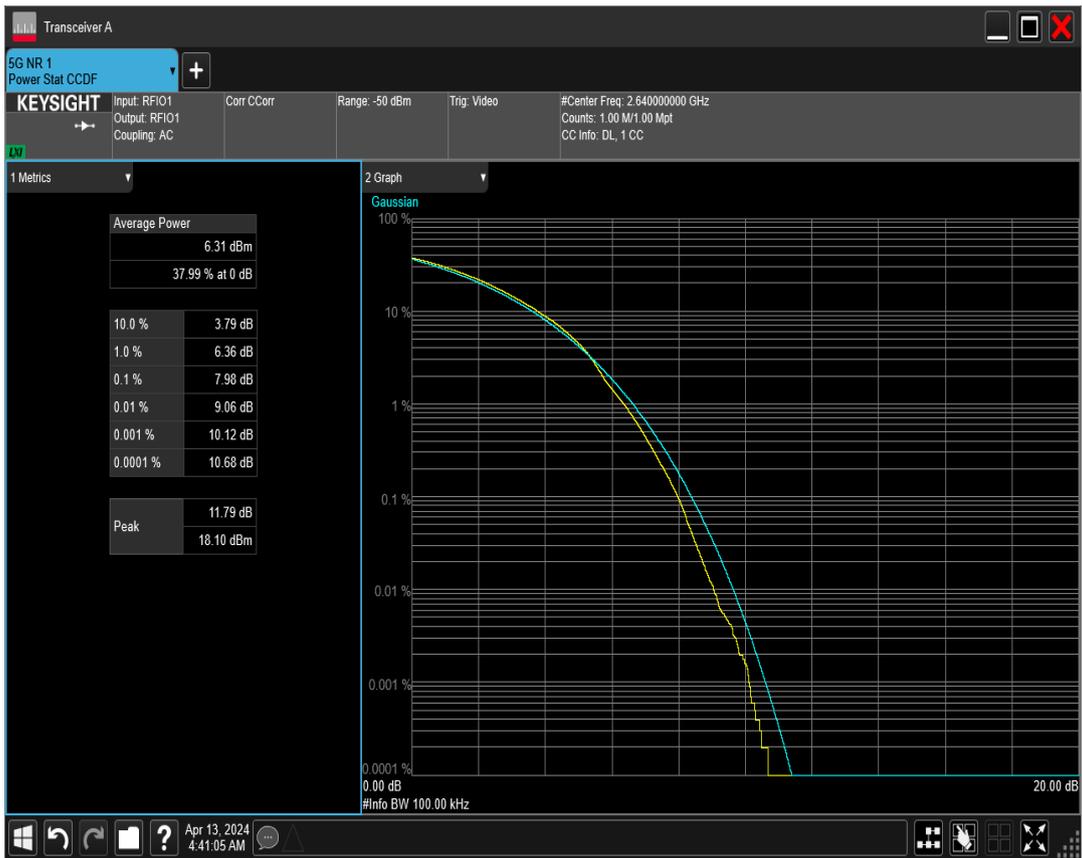
n41 SCS=30kHz DFT_QAM256 BW=90MHz Channel=528996 RB=240@0

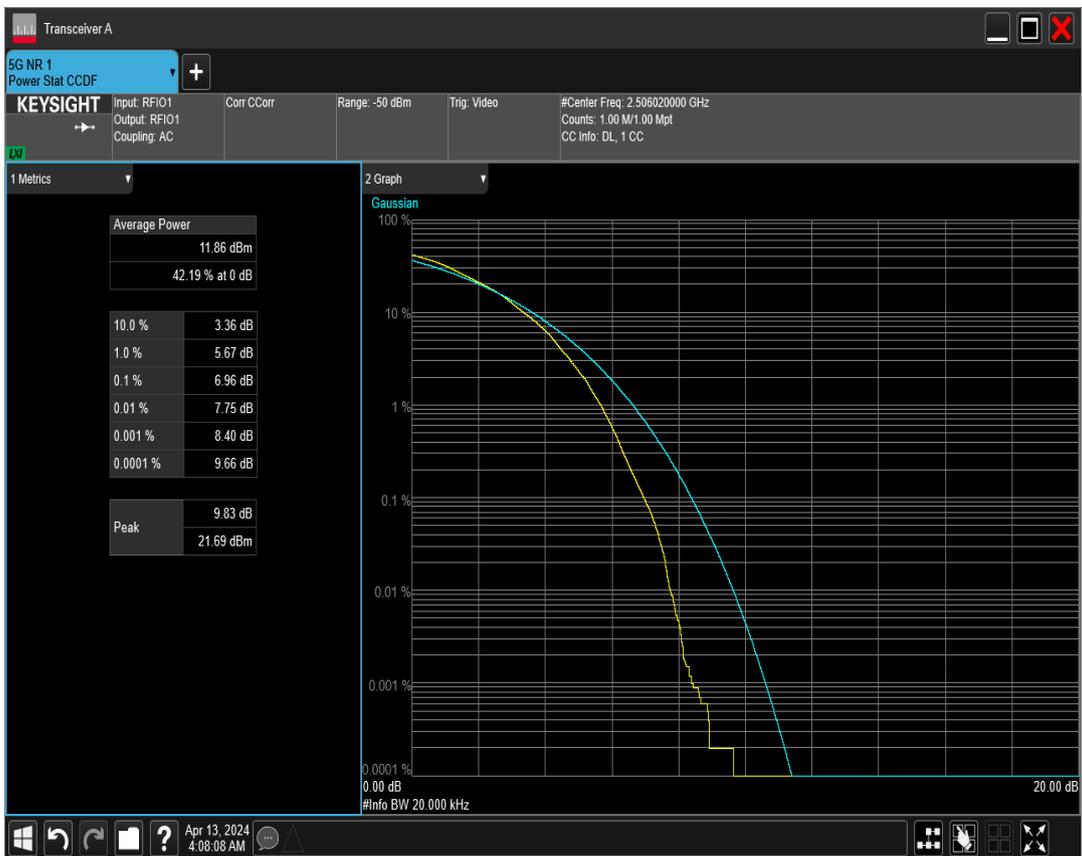

n41 SCS=30kHz DFT_QAM64 BW=100MHz Channel=509202 RB=270@0
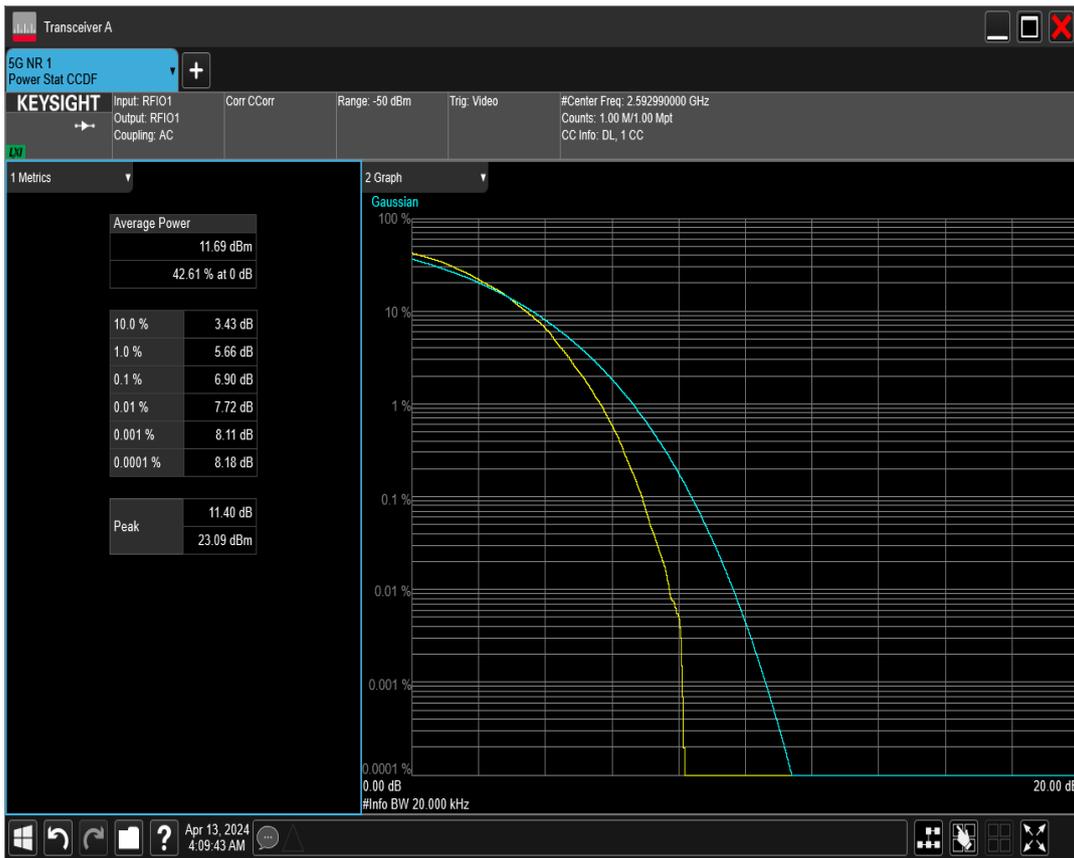
n41 SCS=30kHz DFT_QAM64 BW=100MHz Channel=518598 RB=270@0

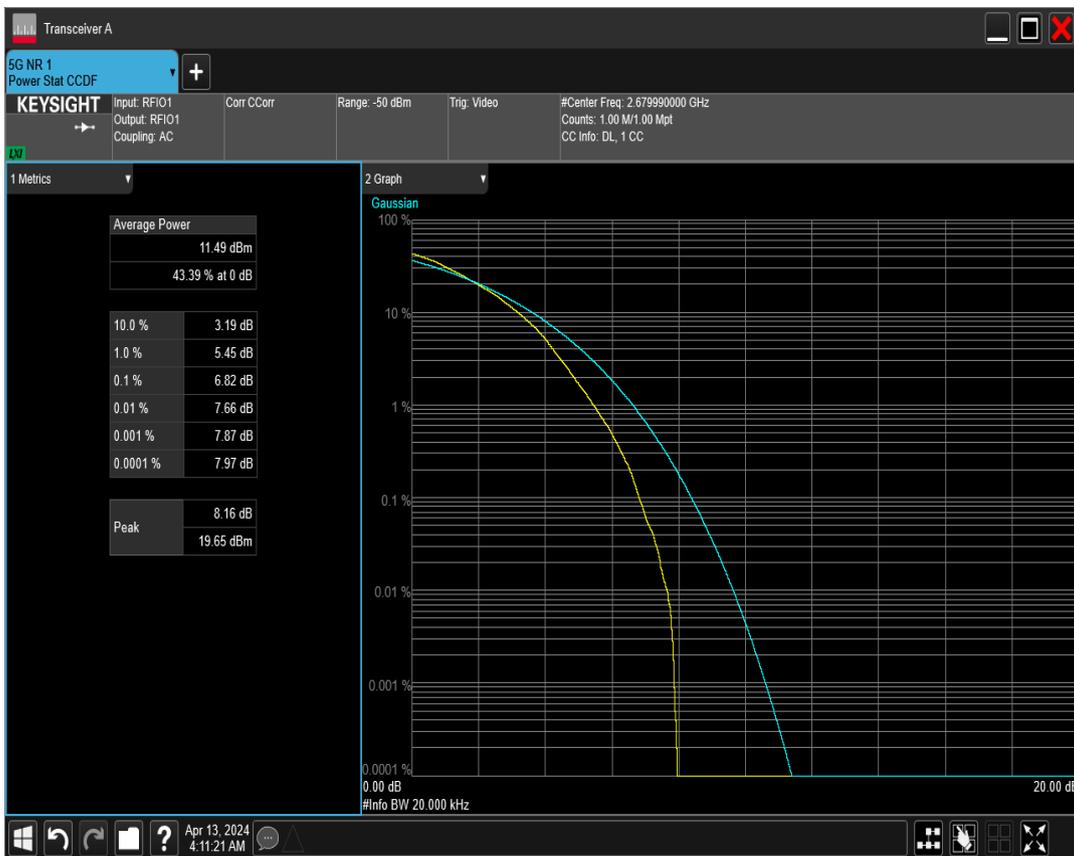

n41 SCS=30kHz DFT_QAM64 BW=100MHz Channel=528000 RB=270@0
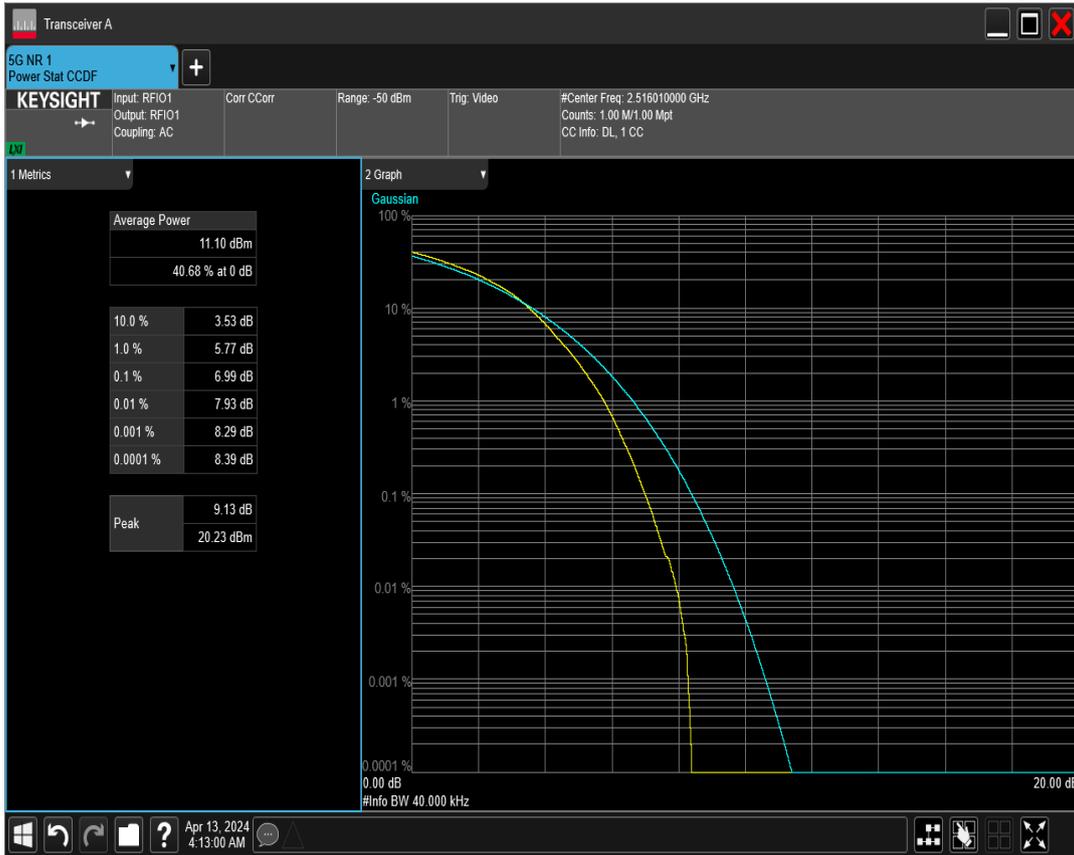
n41 SCS=30kHz DFT_QAM64 BW=20MHz Channel=501204 RB=50@0
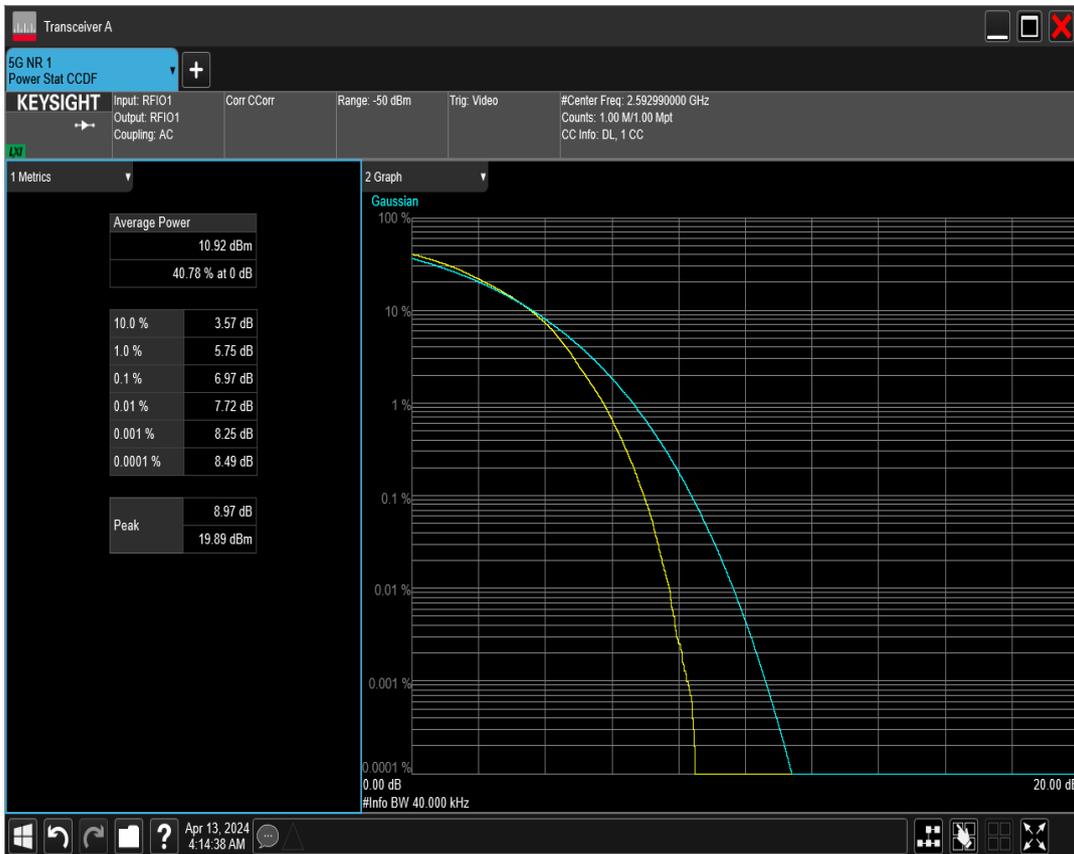


n41 SCS=30kHz DFT_QAM64 BW=20MHz Channel=518598 RB=50@0
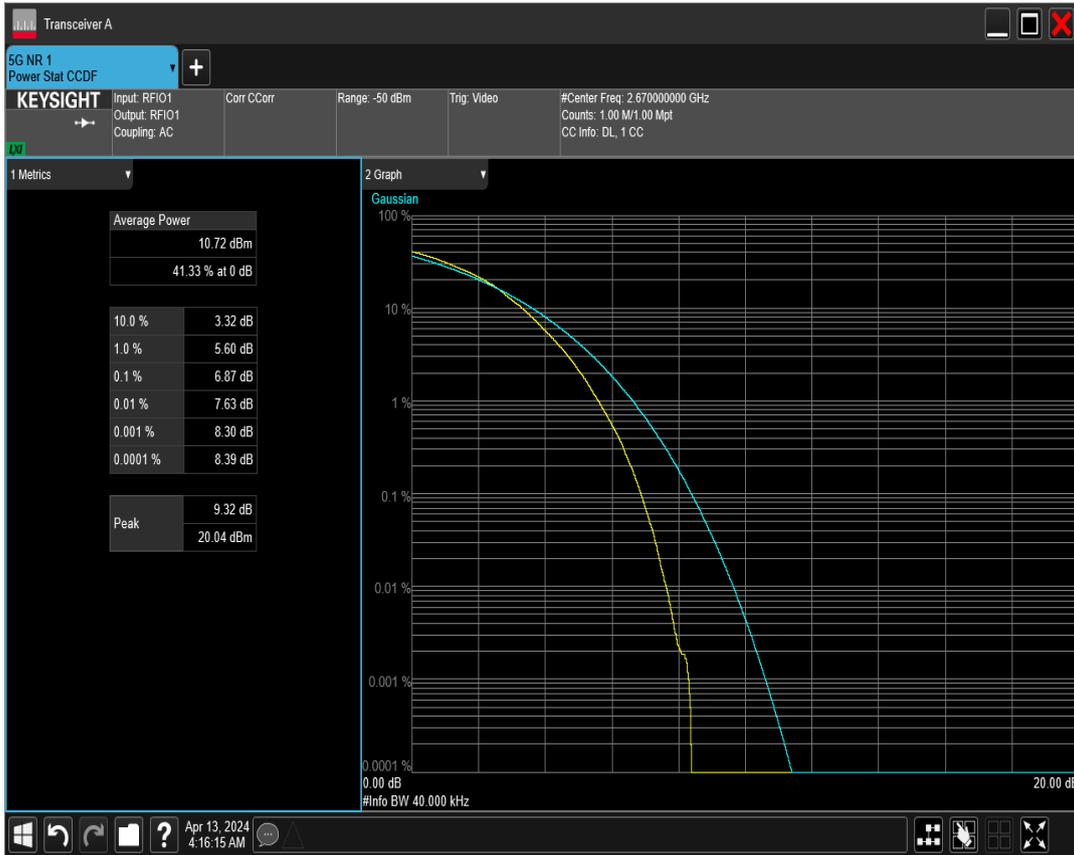
n41 SCS=30kHz DFT_QAM64 BW=20MHz Channel=535998 RB=50@0
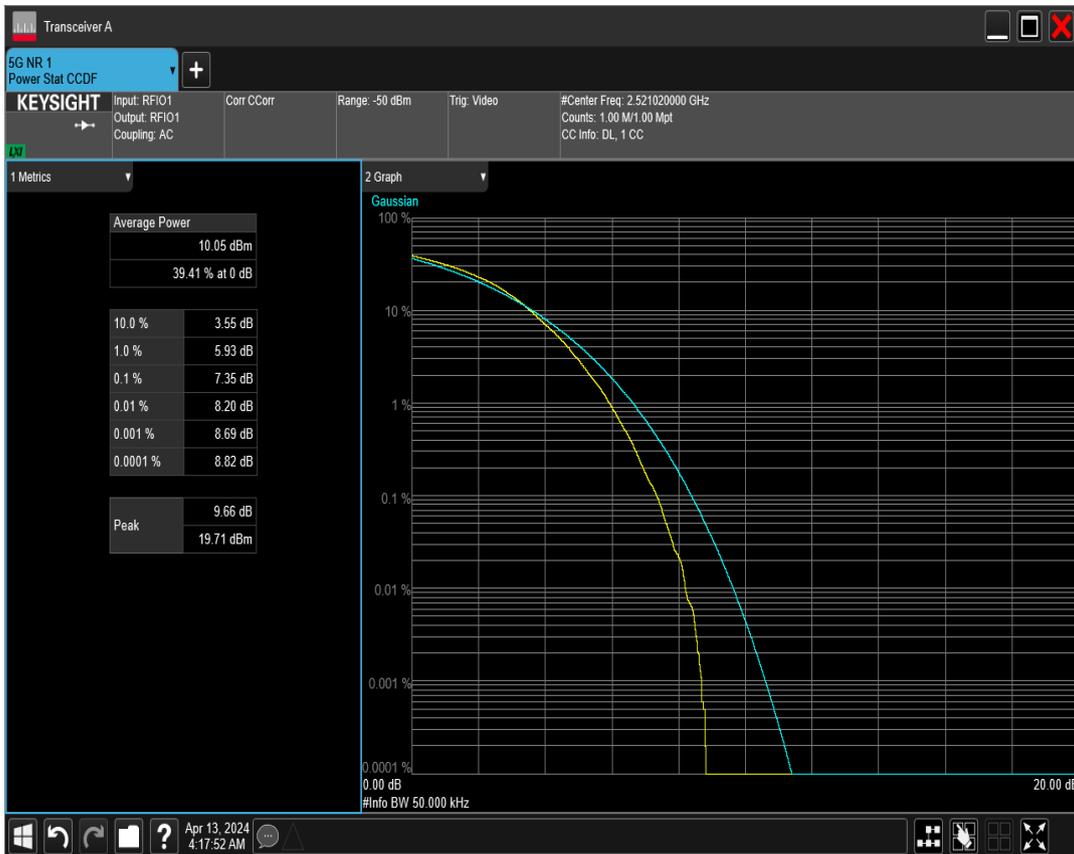


n41 SCS=30kHz DFT_QAM64 BW=40MHz Channel=503202 RB=100@0
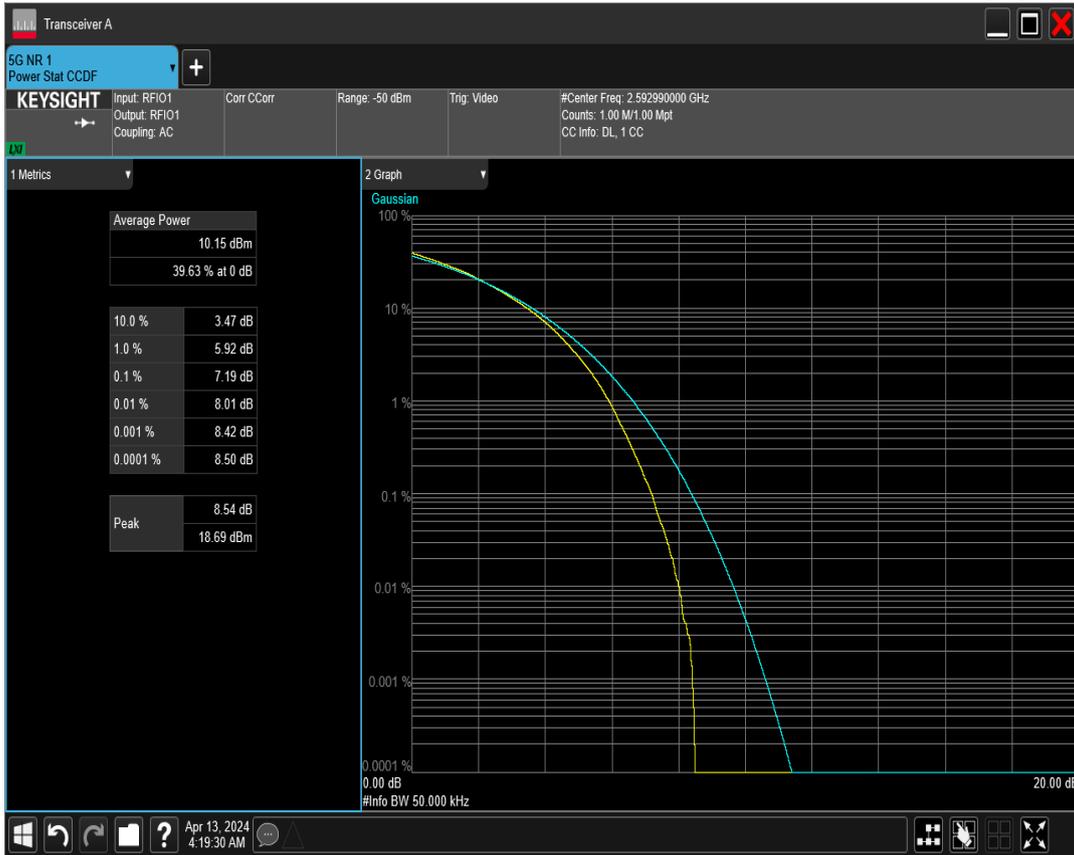
n41 SCS=30kHz DFT_QAM64 BW=40MHz Channel=518598 RB=100@0
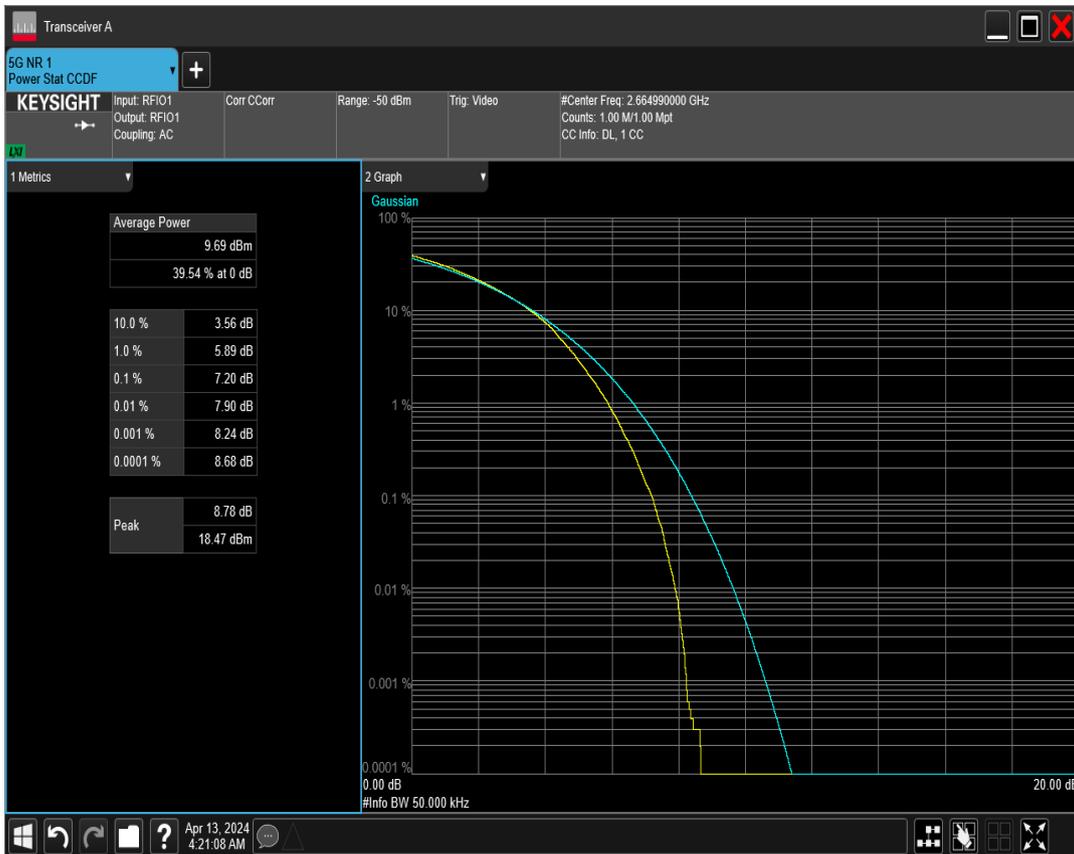


n41 SCS=30kHz DFT_QAM64 BW=40MHz Channel=534000 RB=100@0
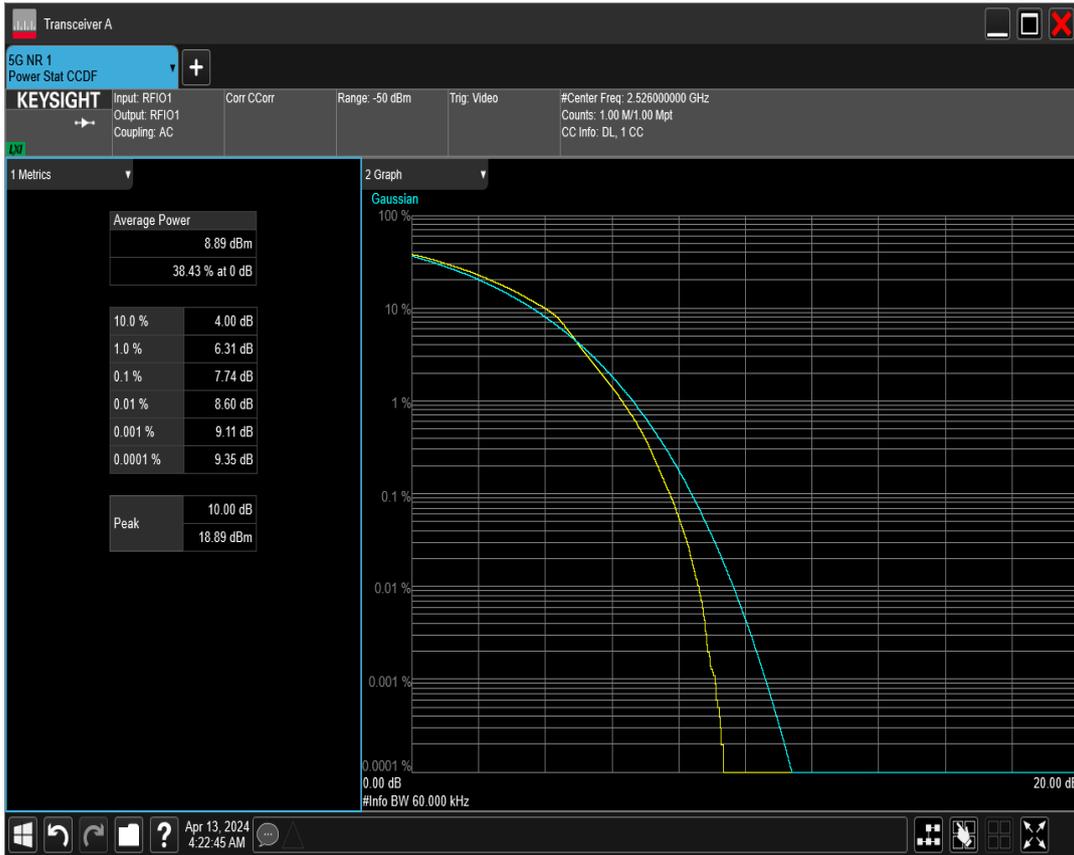
n41 SCS=30kHz DFT_QAM64 BW=50MHz Channel=504204 RB=128@0
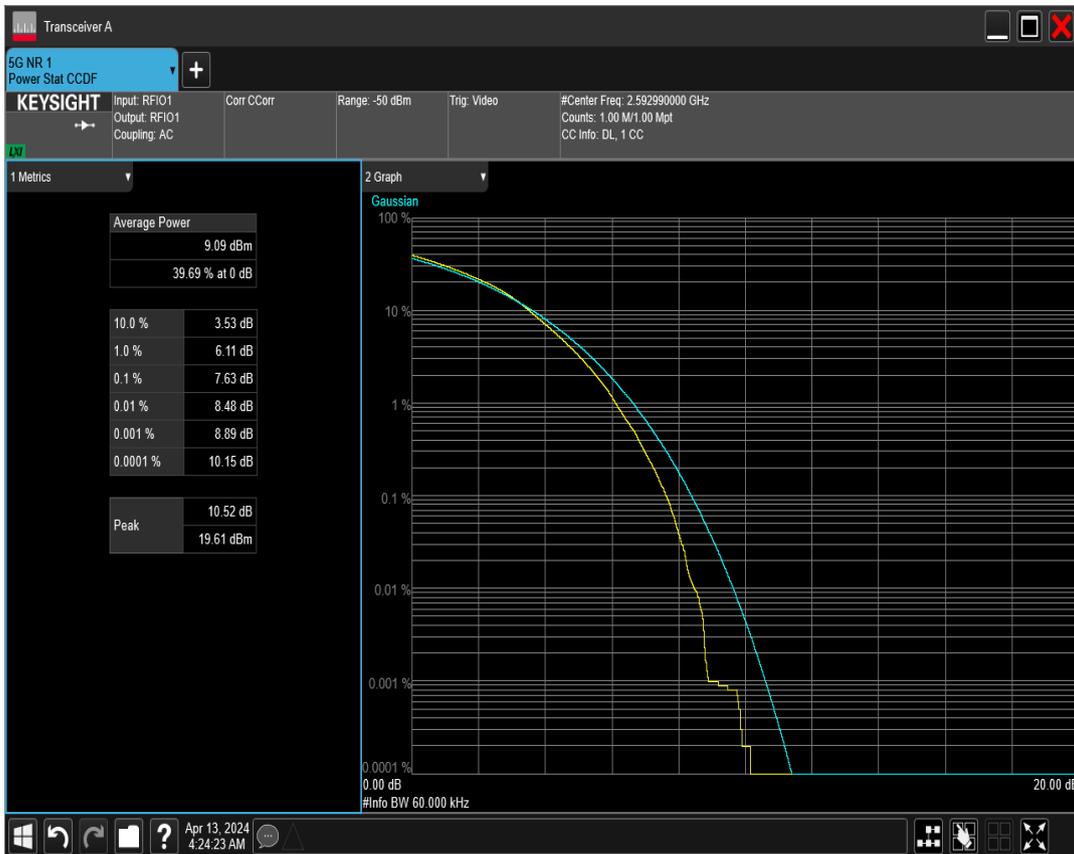


n41 SCS=30kHz DFT_QAM64 BW=50MHz Channel=518598 RB=128@0
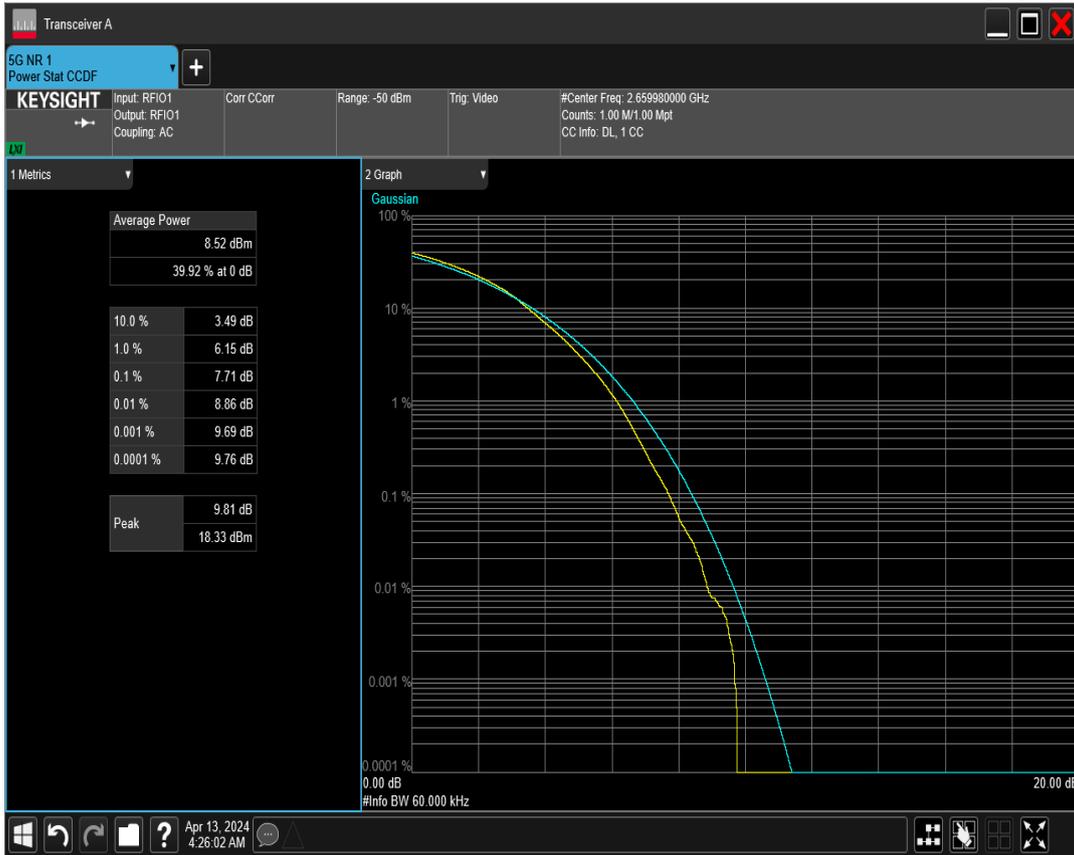
n41 SCS=30kHz DFT_QAM64 BW=50MHz Channel=532998 RB=128@0



n41 SCS=30kHz DFT_QAM64 BW=60MHz Channel=505200 RB=162@0
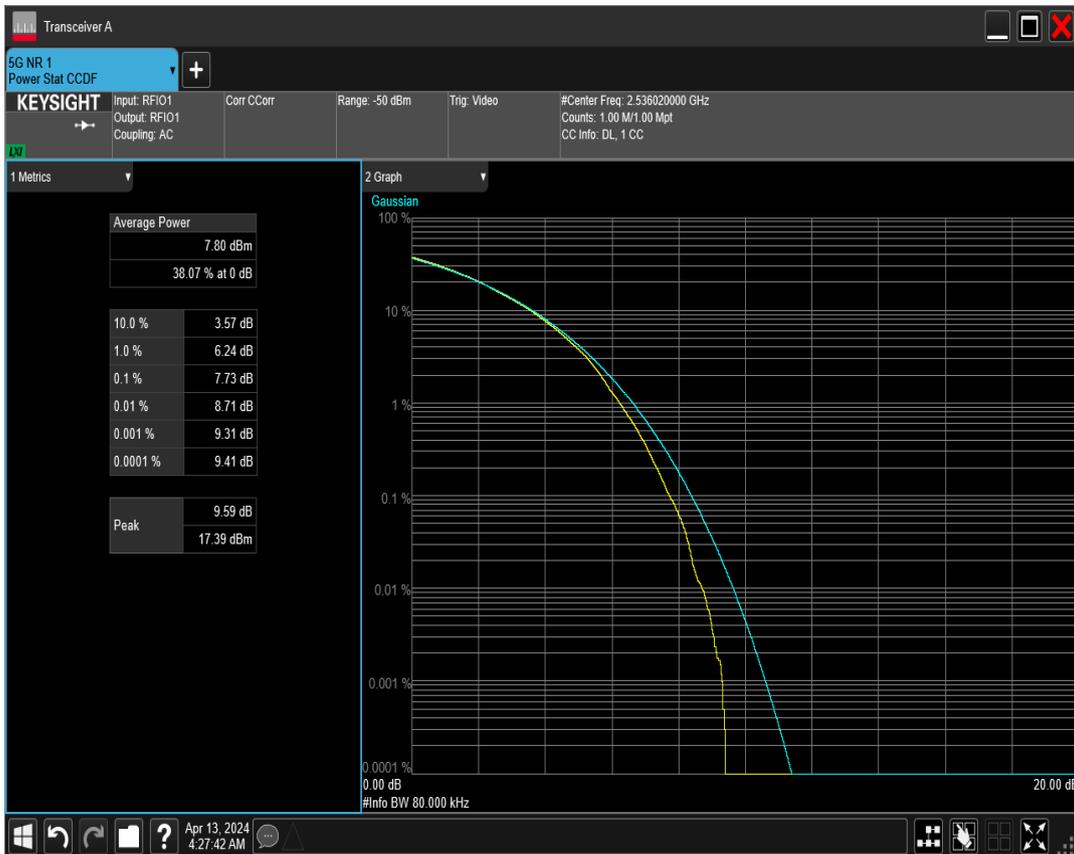
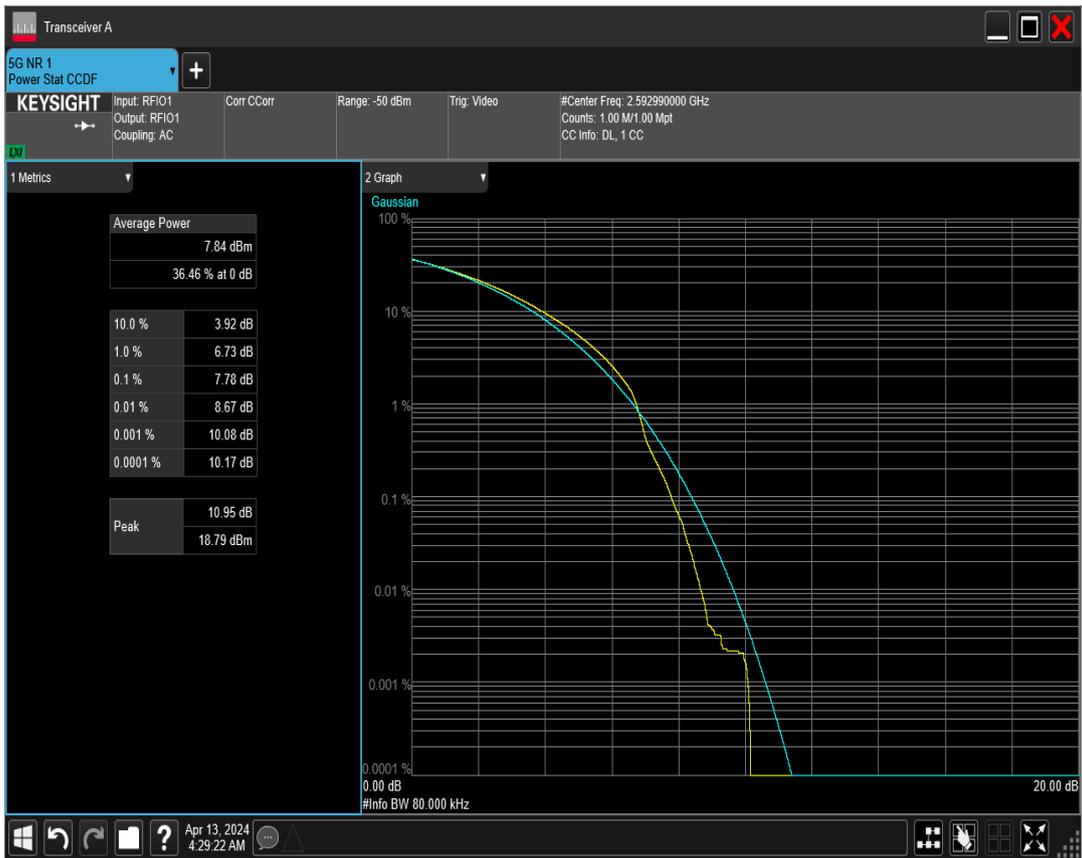n41 SCS=30kHz DFT_QAM64 BW=60MHz Channel=518598 RB=162@0



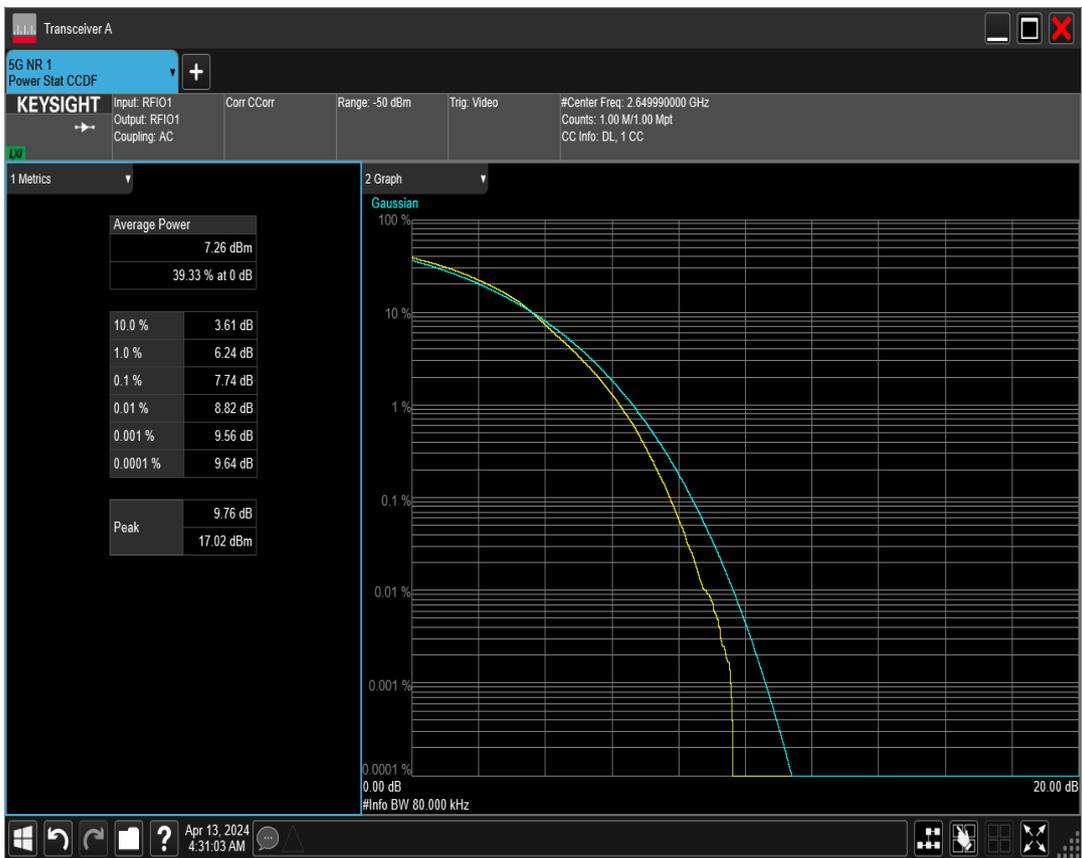n41 SCS=30kHz DFT_QAM64 BW=60MHz Channel=531996 RB=162@0

n41 SCS=30kHz DFT_QAM64 BW=80MHz Channel=507204 RB=216@0



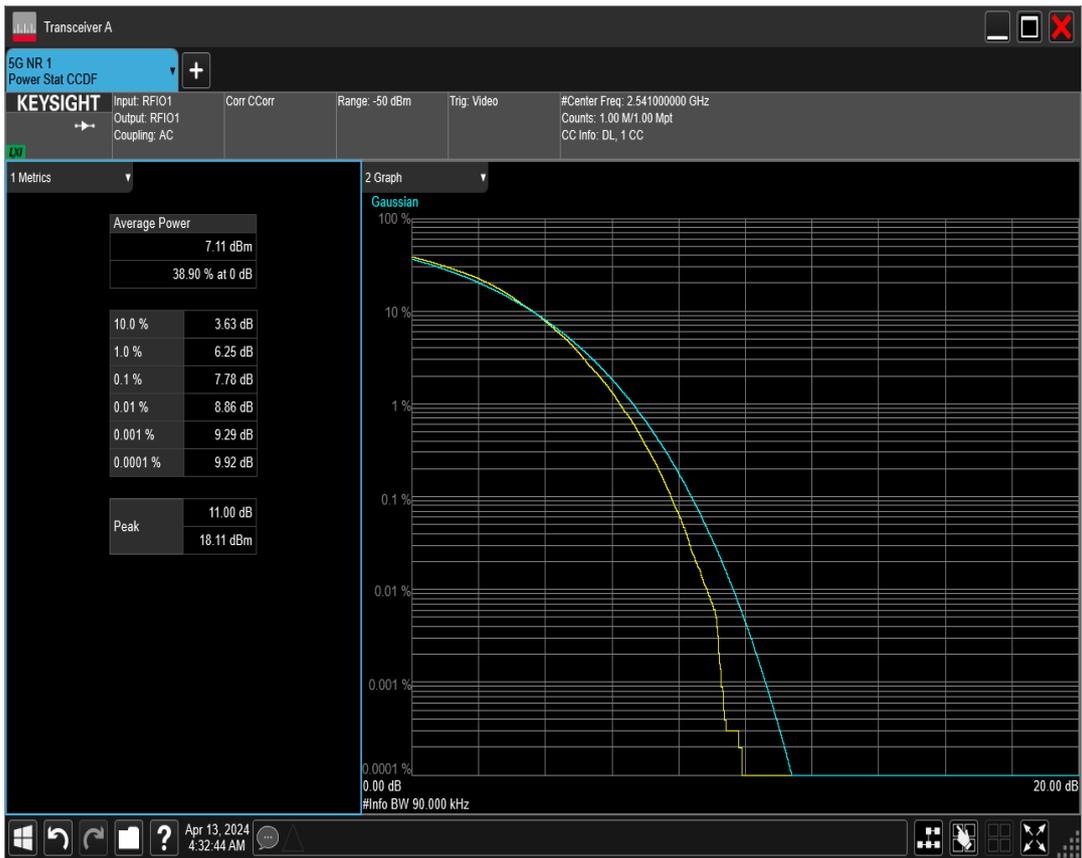n41 SCS=30kHz DFT_QAM64 BW=80MHz Channel=518598 RB=216@0

n41 SCS=30kHz DFT_QAM64 BW=80MHz Channel=529998 RB=216@0



n41 SCS=30kHz DFT_QAM64 BW=90MHz Channel=508200 RB=240@0

n41 SCS=30kHz DFT_QAM64 BW=90MHz Channel=518598 RB=240@0



n41 SCS=30kHz DFT_QAM64 BW=90MHz Channel=528996 RB=240@0

n41 SCS=30kHz DFT_QPSK BW=100MHz Channel=509202 RB=270@0



n41 SCS=30kHz DFT_QPSK BW=100MHz Channel=518598 RB=270@0

n41 SCS=30kHz DFT_QPSK BW=100MHz Channel=528000 RB=270@0



n41 SCS=30kHz DFT_QPSK BW=20MHz Channel=501204 RB=50@0

n41 SCS=30kHz DFT_QPSK BW=20MHz Channel=518598 RB=50@0



n41 SCS=30kHz DFT_QPSK BW=20MHz Channel=535998 RB=50@0

n41 SCS=30kHz DFT_QPSK BW=40MHz Channel=503202 RB=100@0
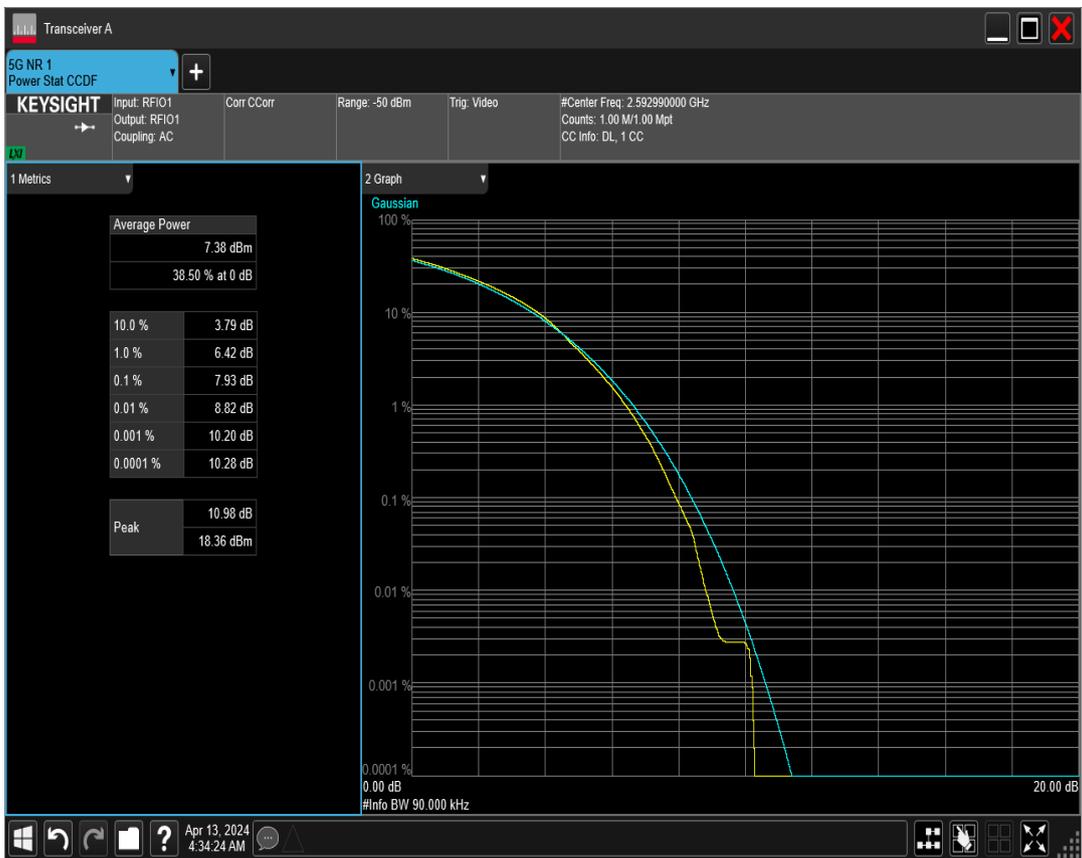


n41 SCS=30kHz DFT_QPSK BW=40MHz Channel=518598 RB=100@0

n41 SCS=30kHz DFT_QPSK BW=40MHz Channel=534000 RB=100@0



n41 SCS=30kHz DFT_QPSK BW=50MHz Channel=504204 RB=128@0

n41 SCS=30kHz DFT_QPSK BW=50MHz Channel=518598 RB=128@0
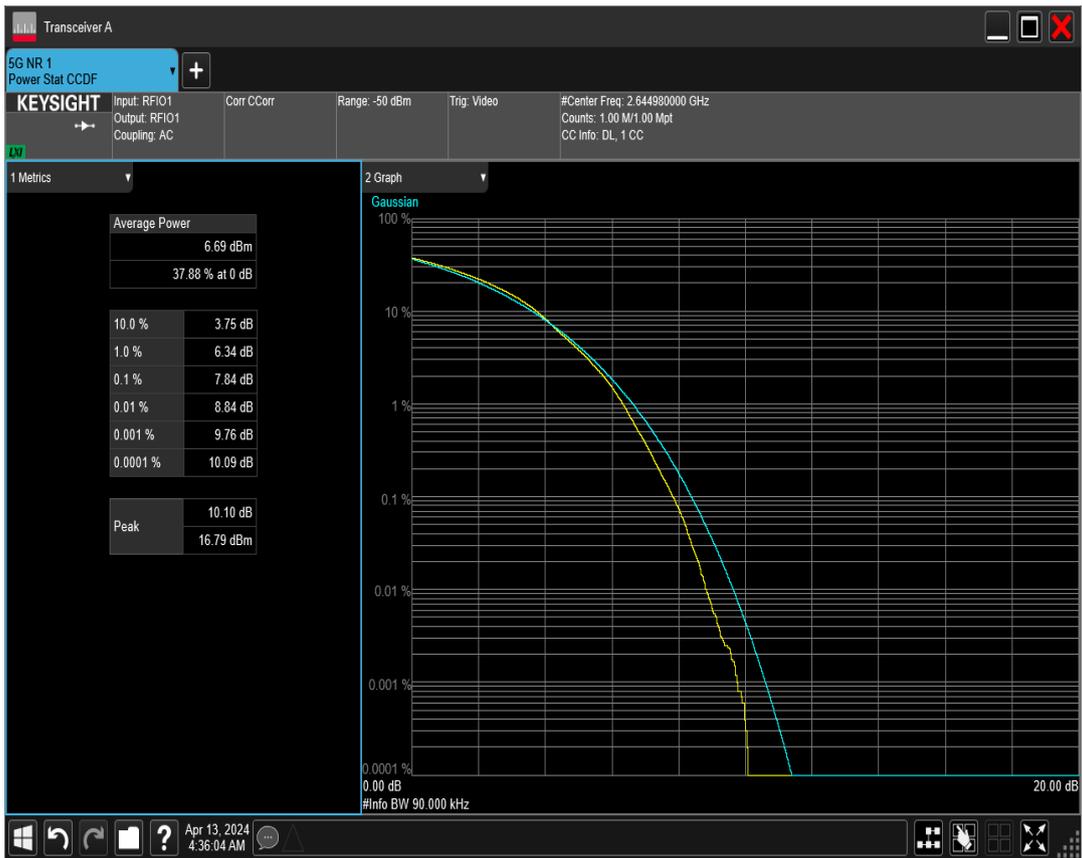


n41 SCS=30kHz DFT_QPSK BW=50MHz Channel=532998 RB=128@0

n41 SCS=30kHz DFT_QPSK BW=60MHz Channel=505200 RB=162@0



n41 SCS=30kHz DFT_QPSK BW=60MHz Channel=518598 RB=162@0

n41 SCS=30kHz DFT_QPSK BW=60MHz Channel=531996 RB=162@0



n41 SCS=30kHz DFT_QPSK BW=80MHz Channel=507204 RB=216@0

n41 SCS=30kHz DFT_QPSK BW=80MHz Channel=518598 RB=216@0



n41 SCS=30kHz DFT_QPSK BW=80MHz Channel=529998 RB=216@0
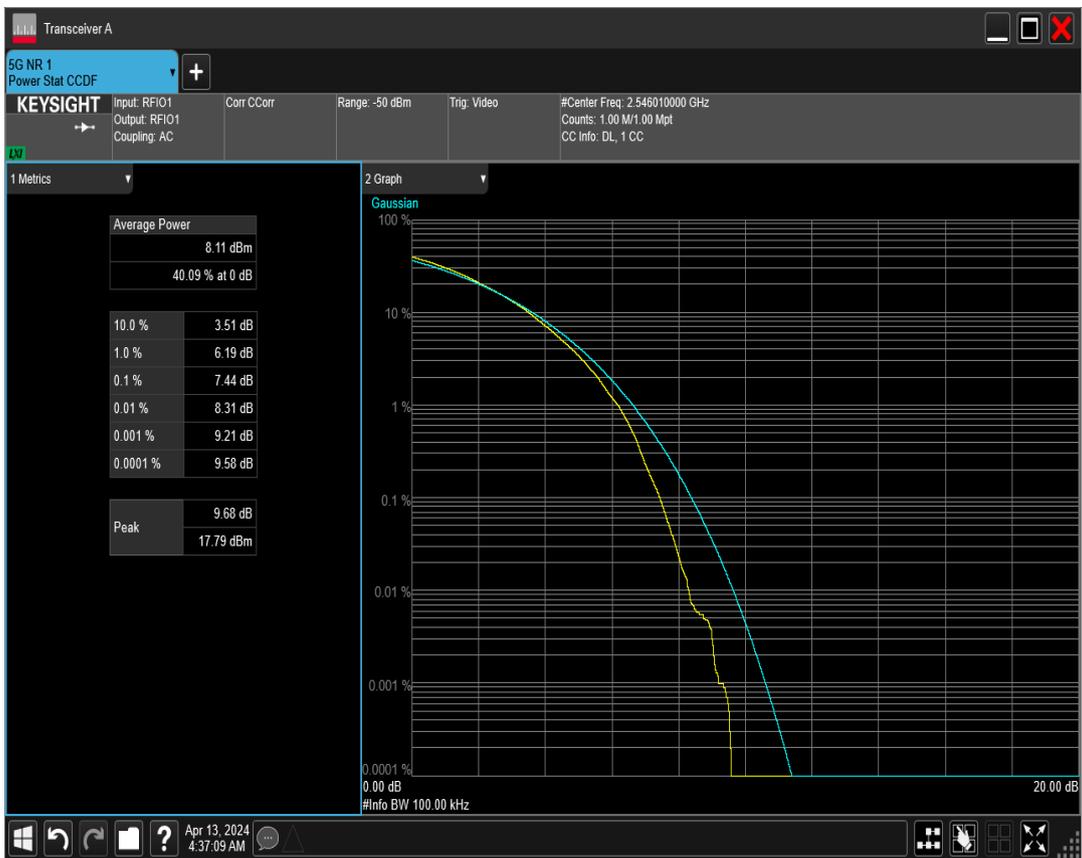
n41 SCS=30kHz DFT_QPSK BW=90MHz Channel=508200 RB=240@0
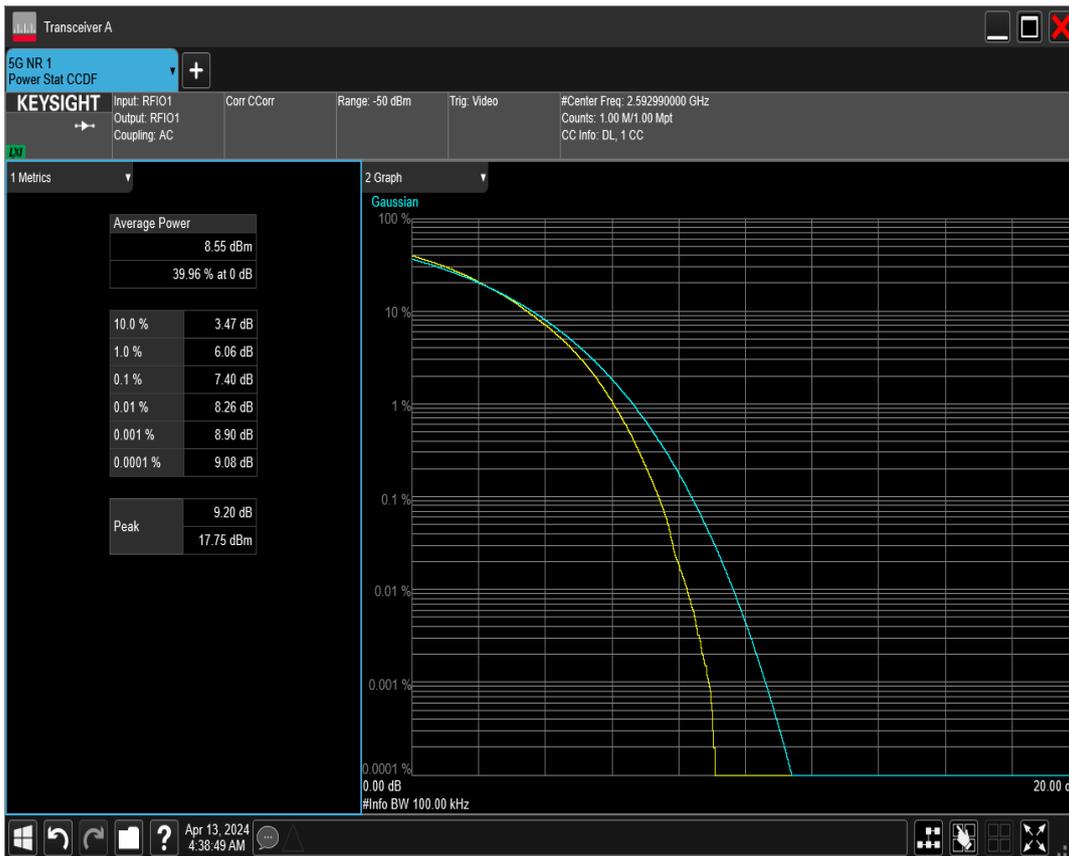


n41 SCS=30kHz DFT_QPSK BW=90MHz Channel=518598 RB=240@0
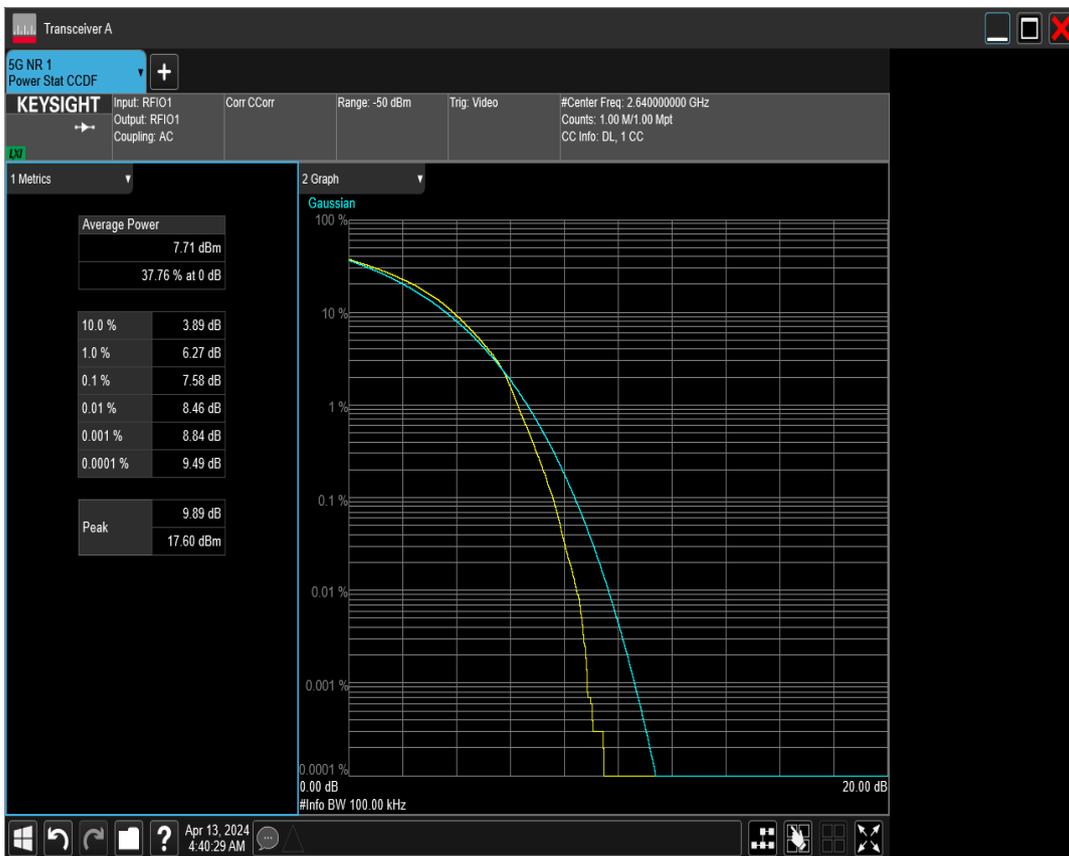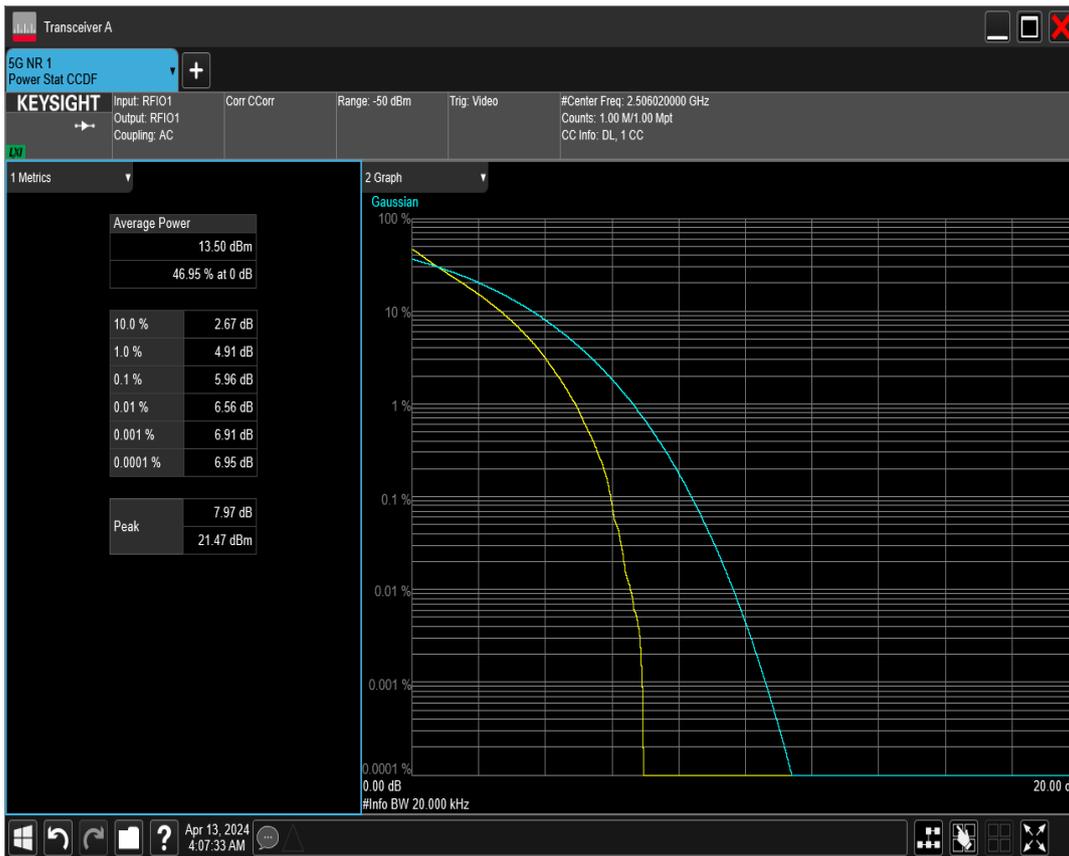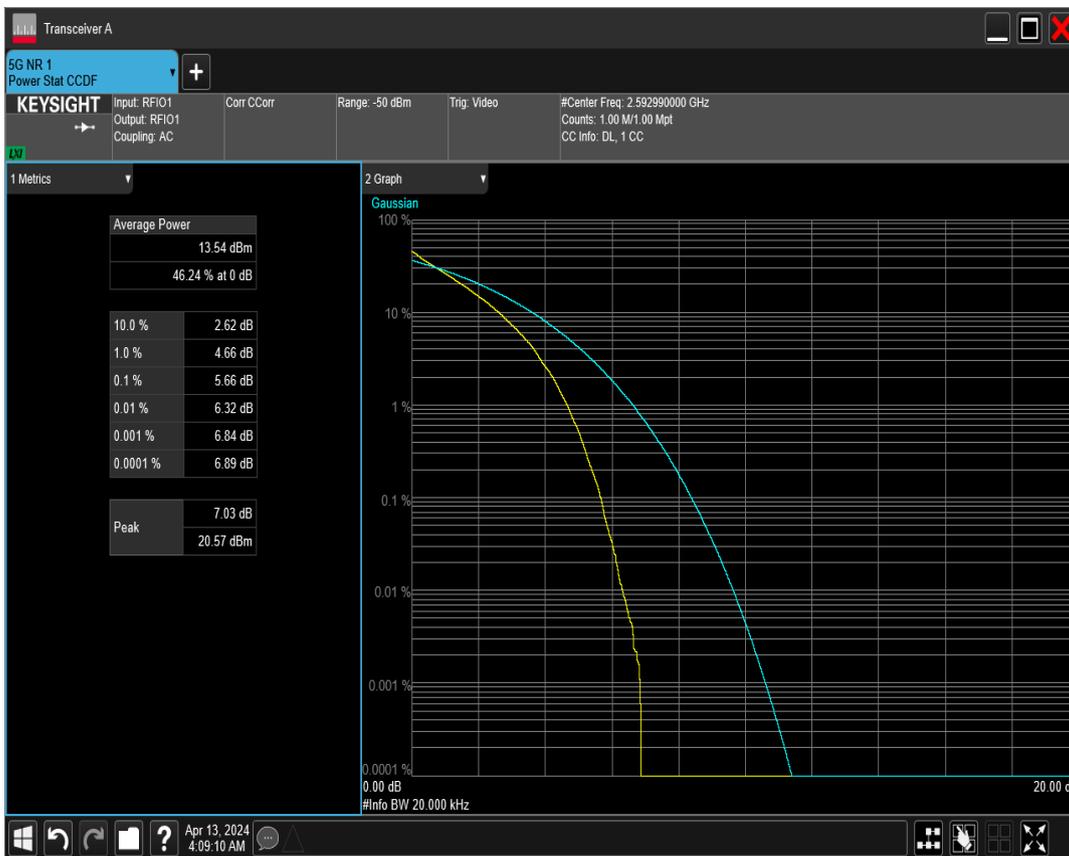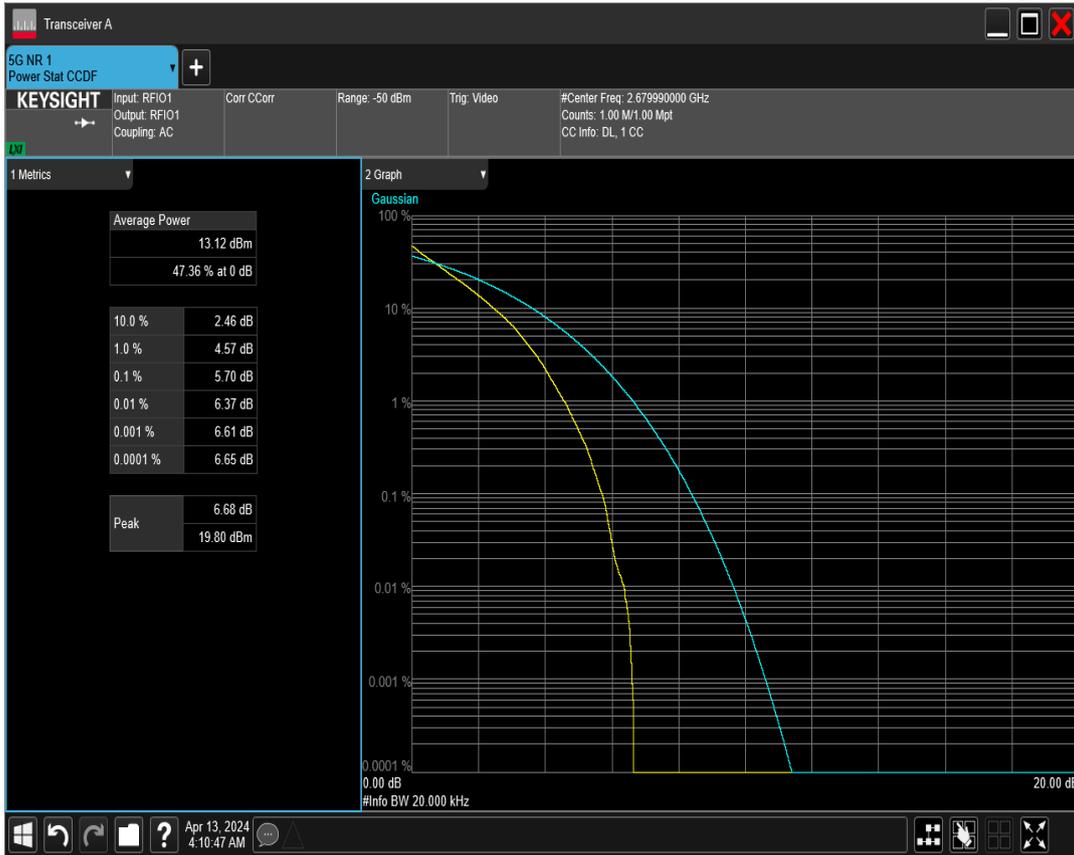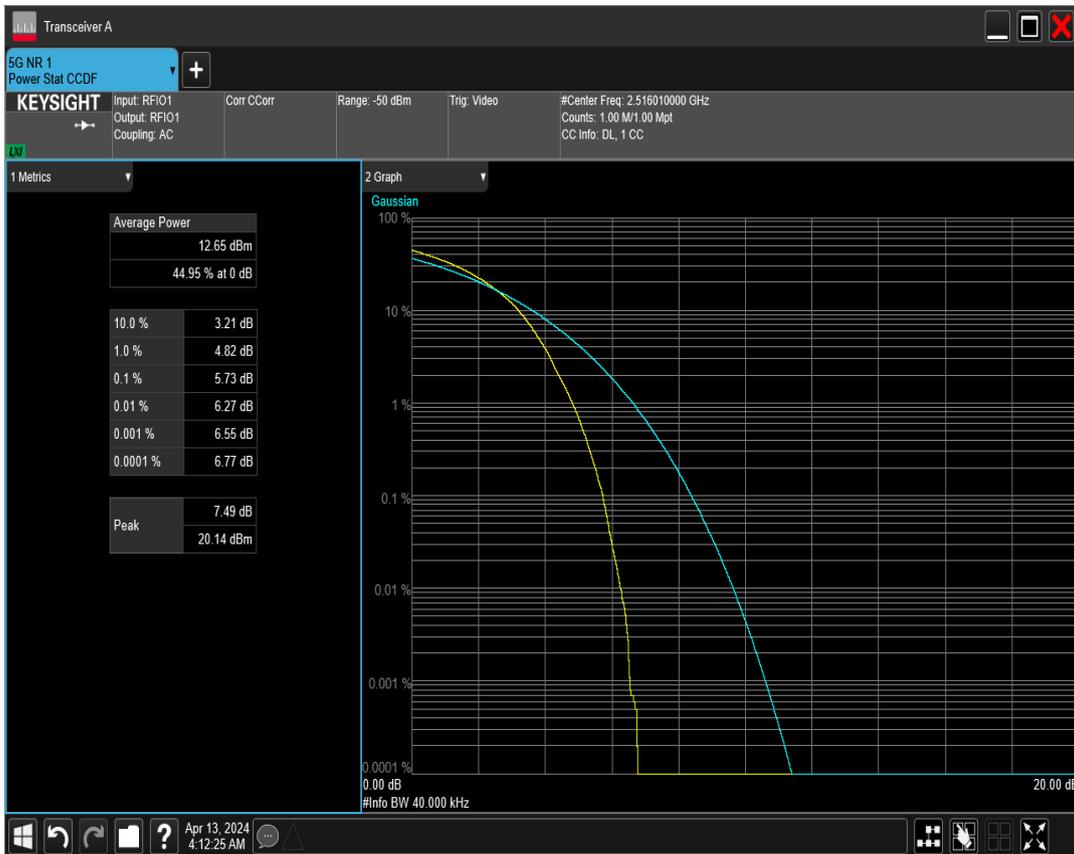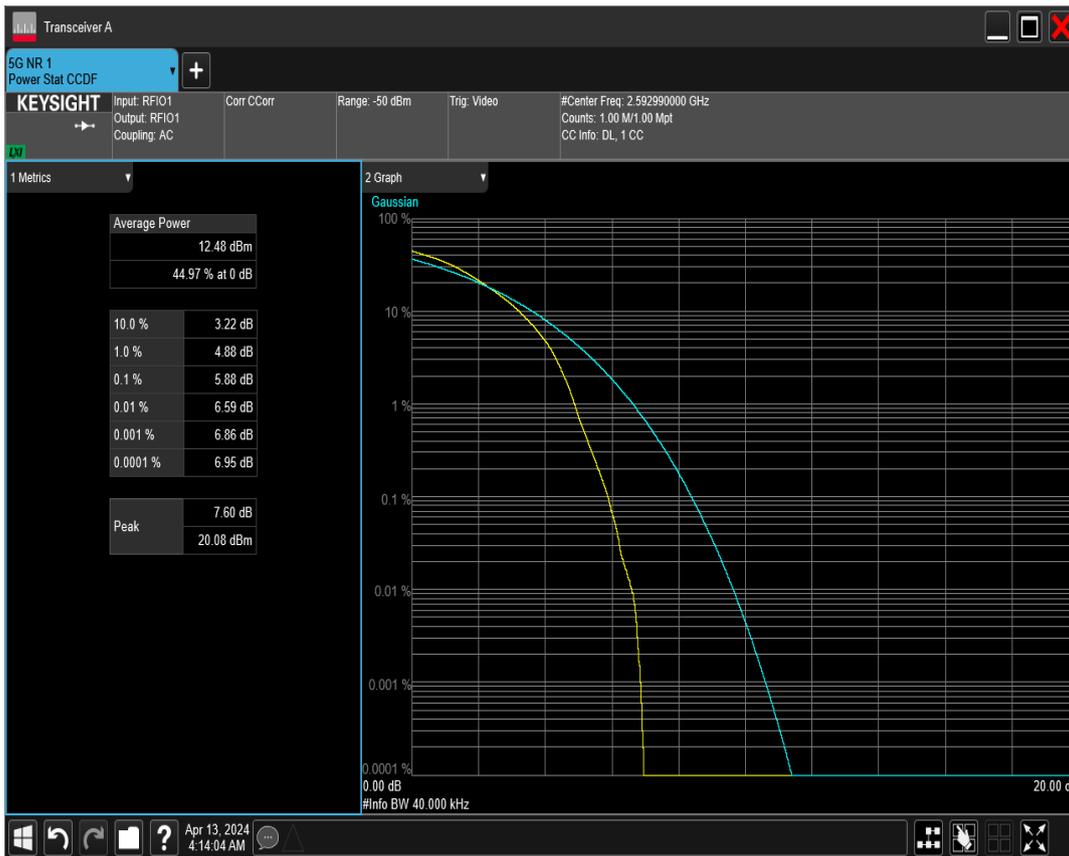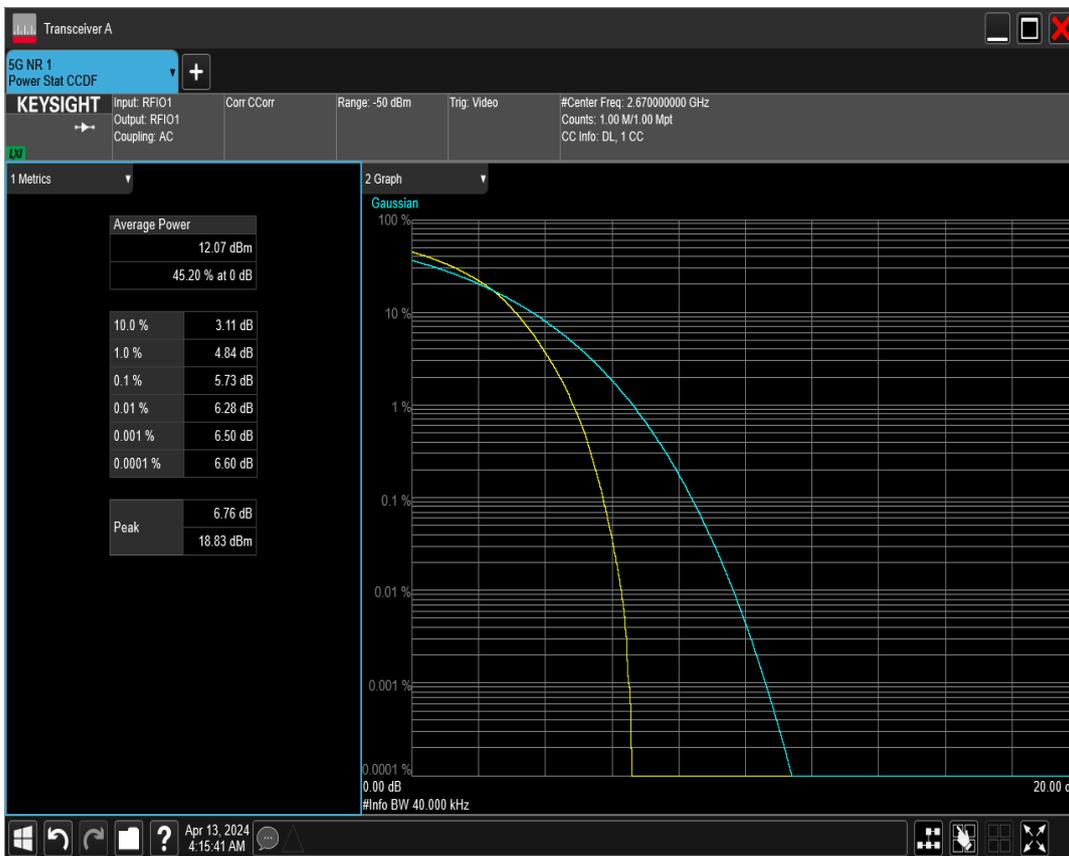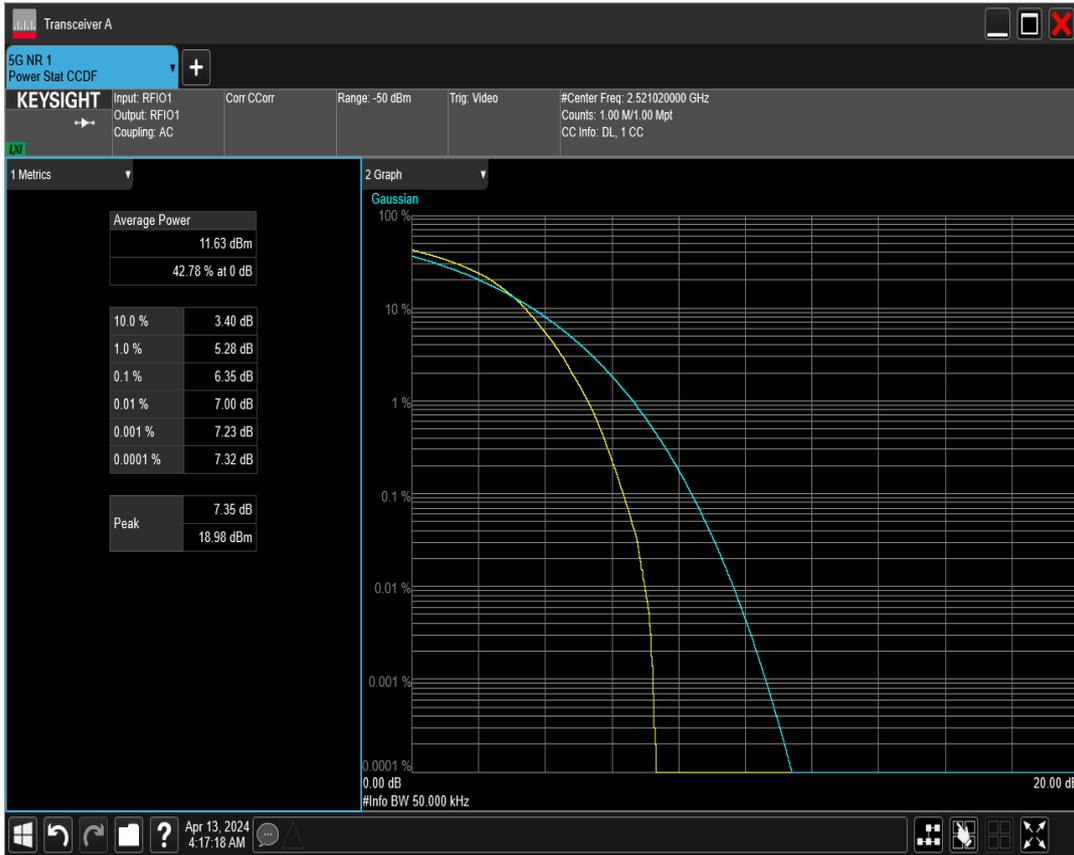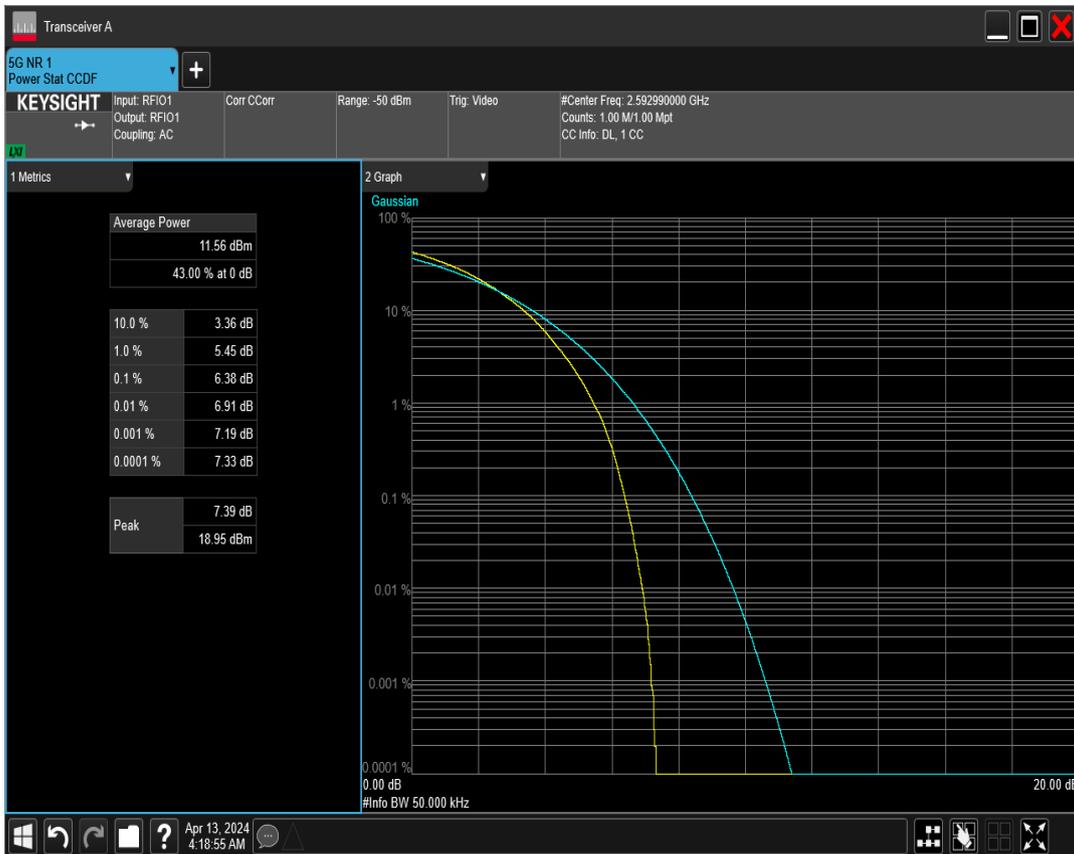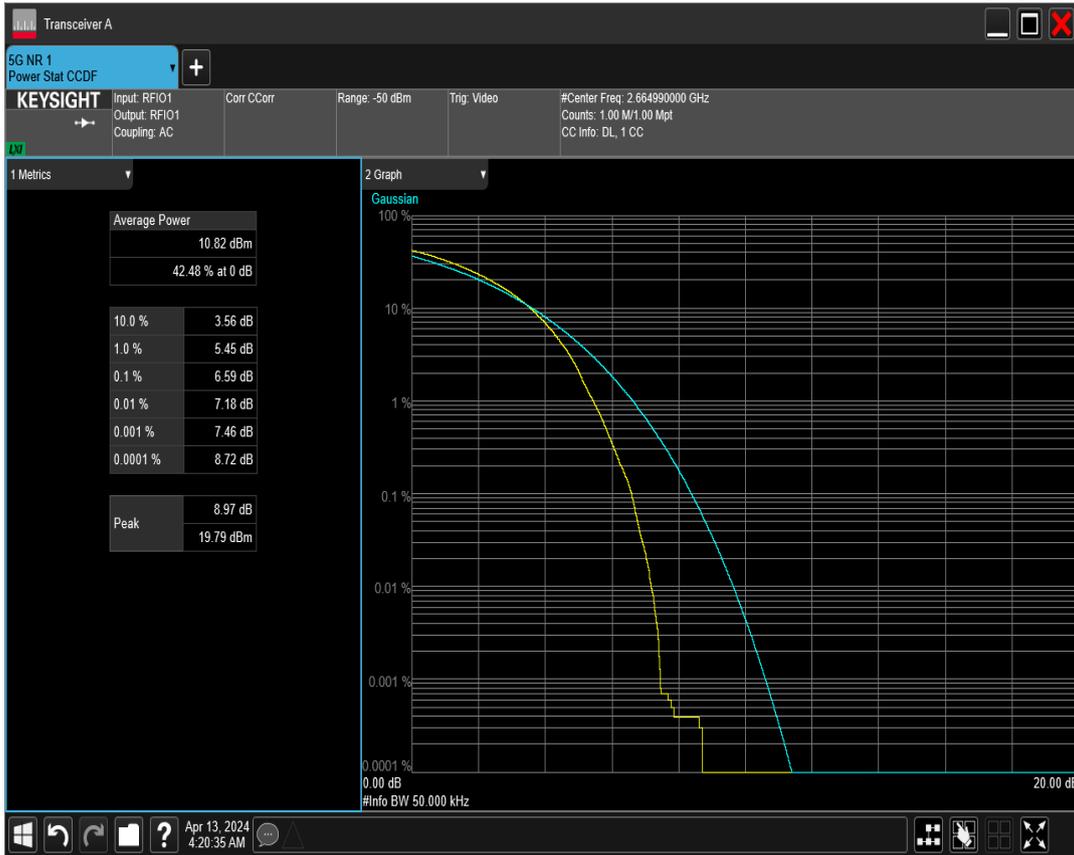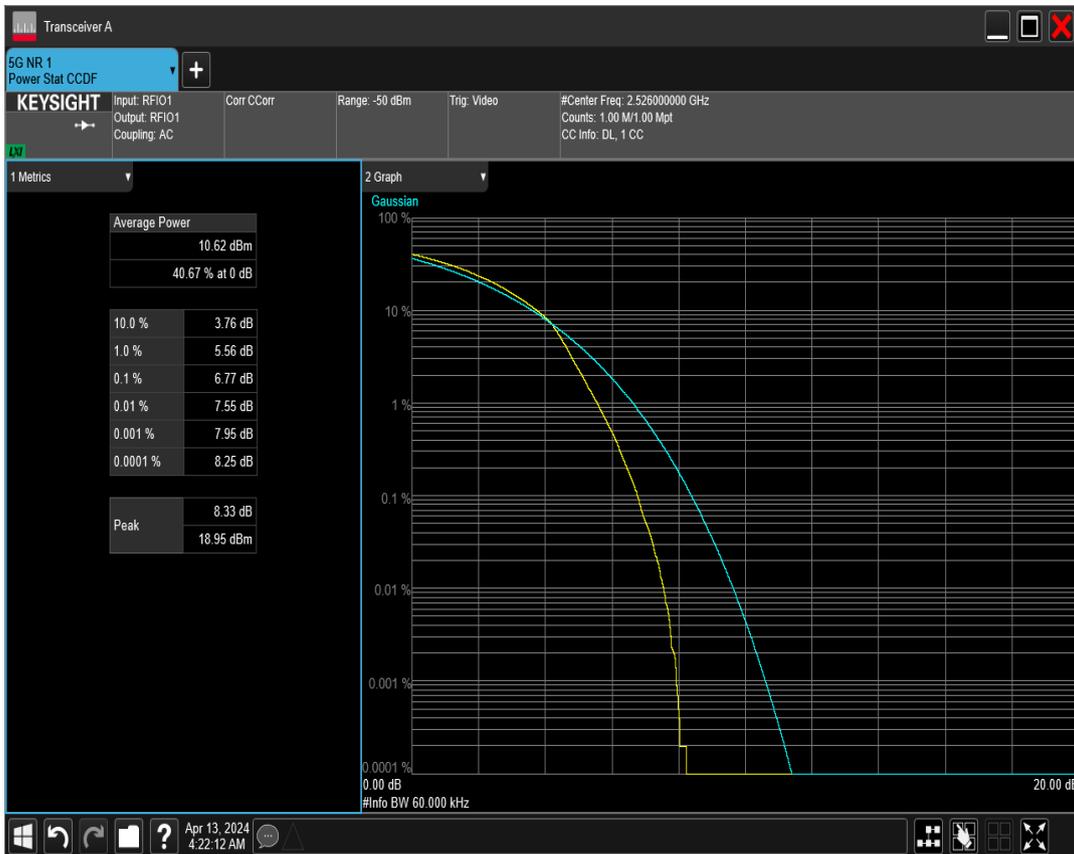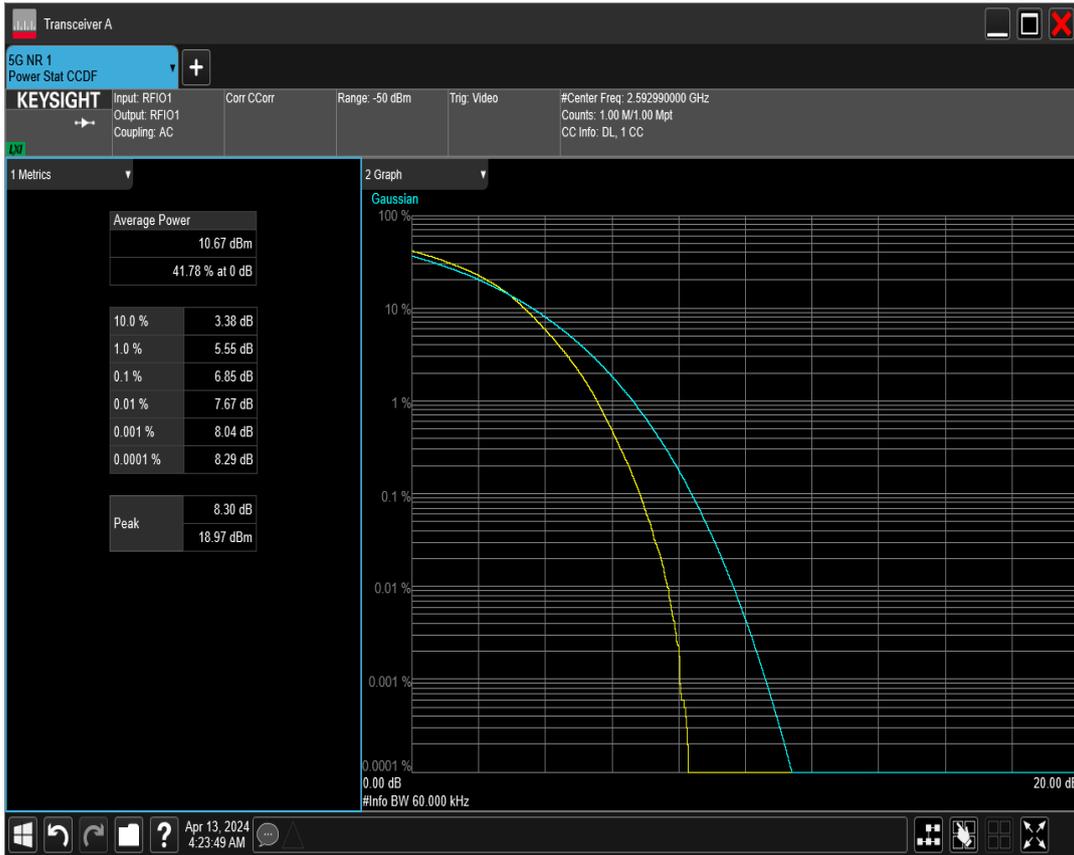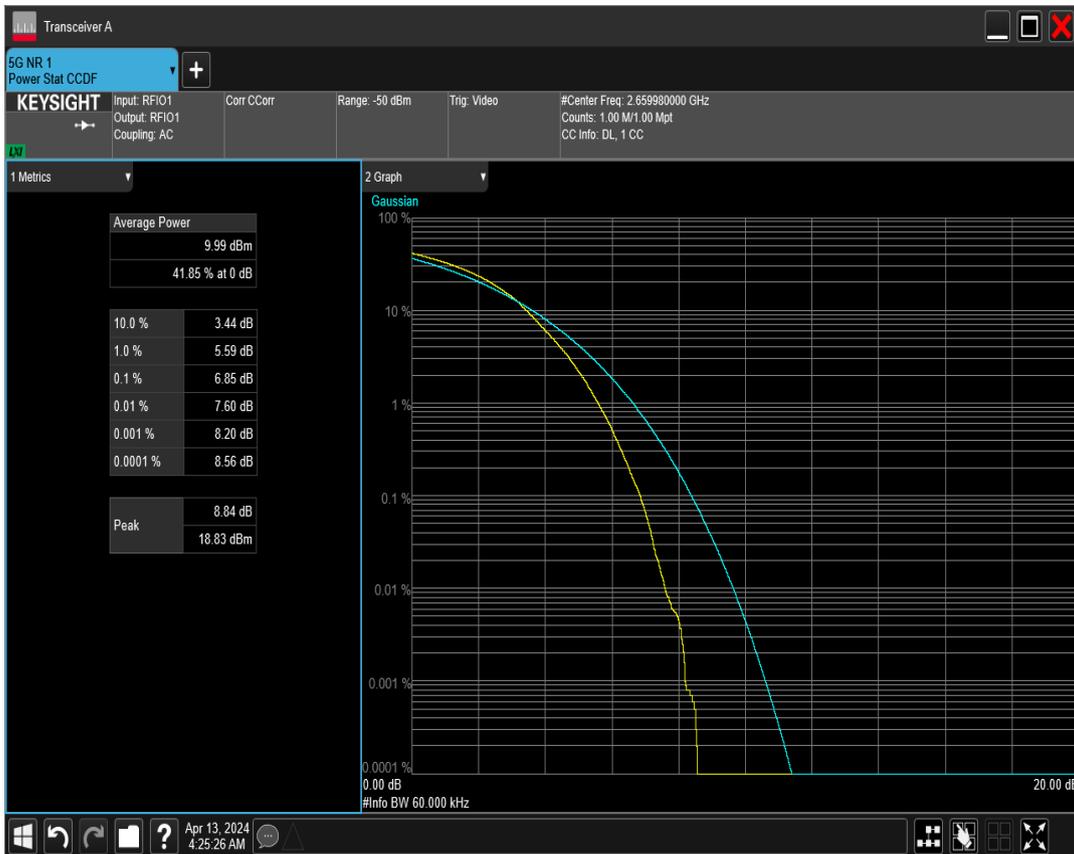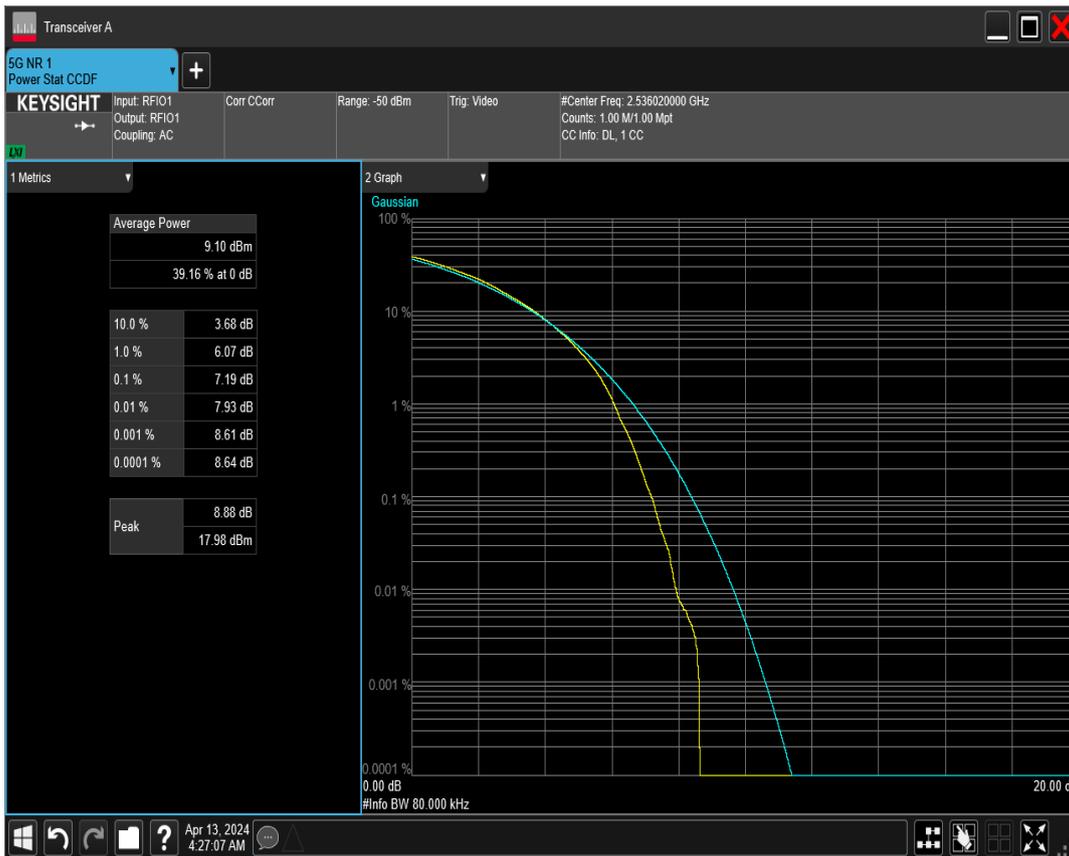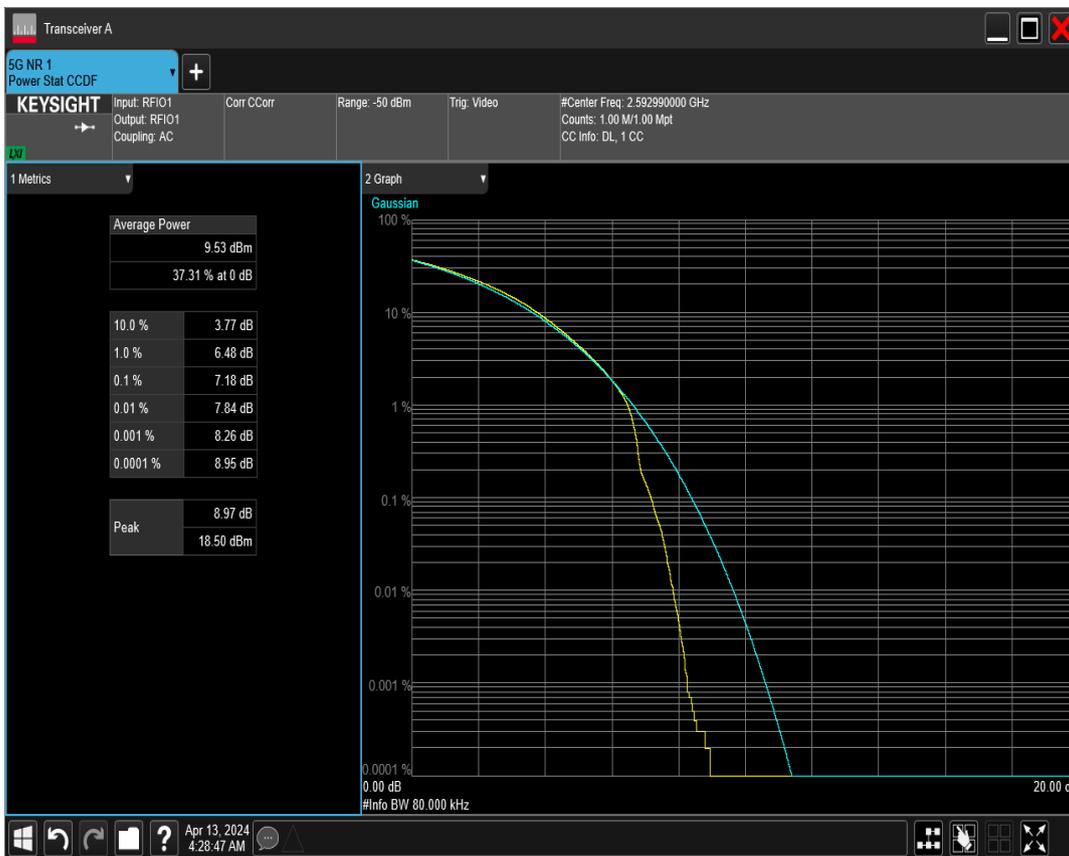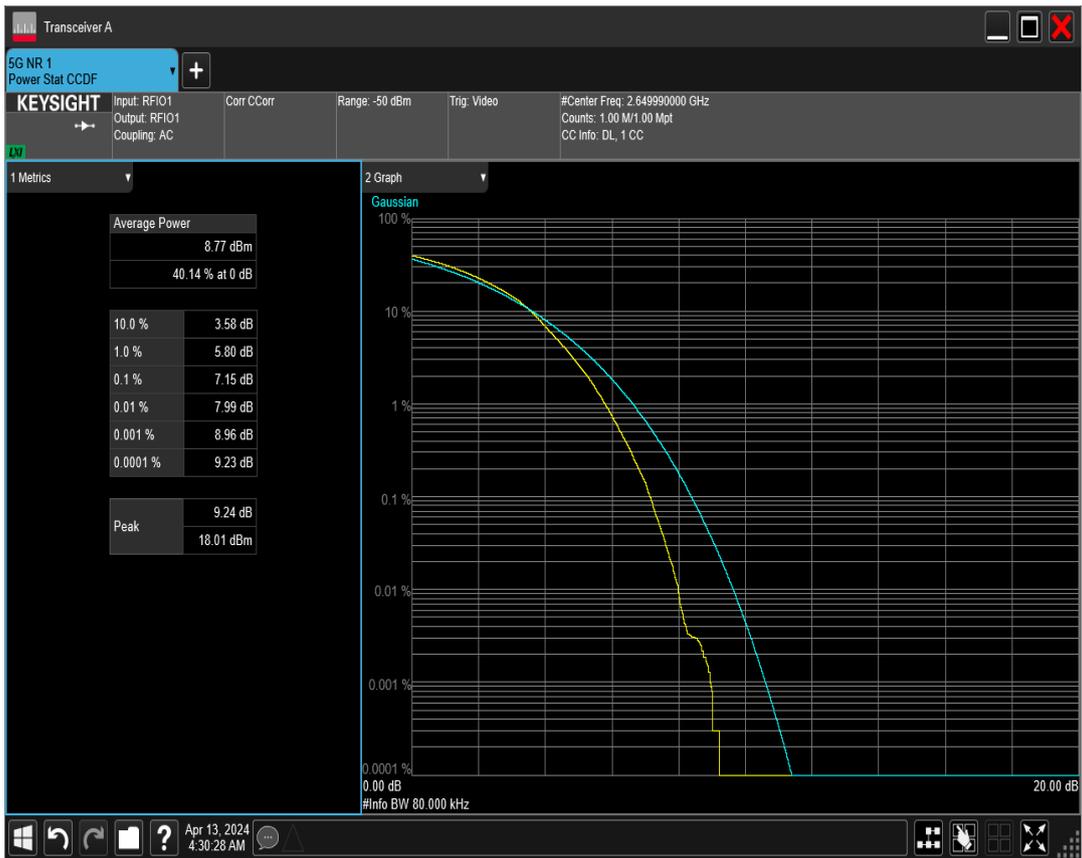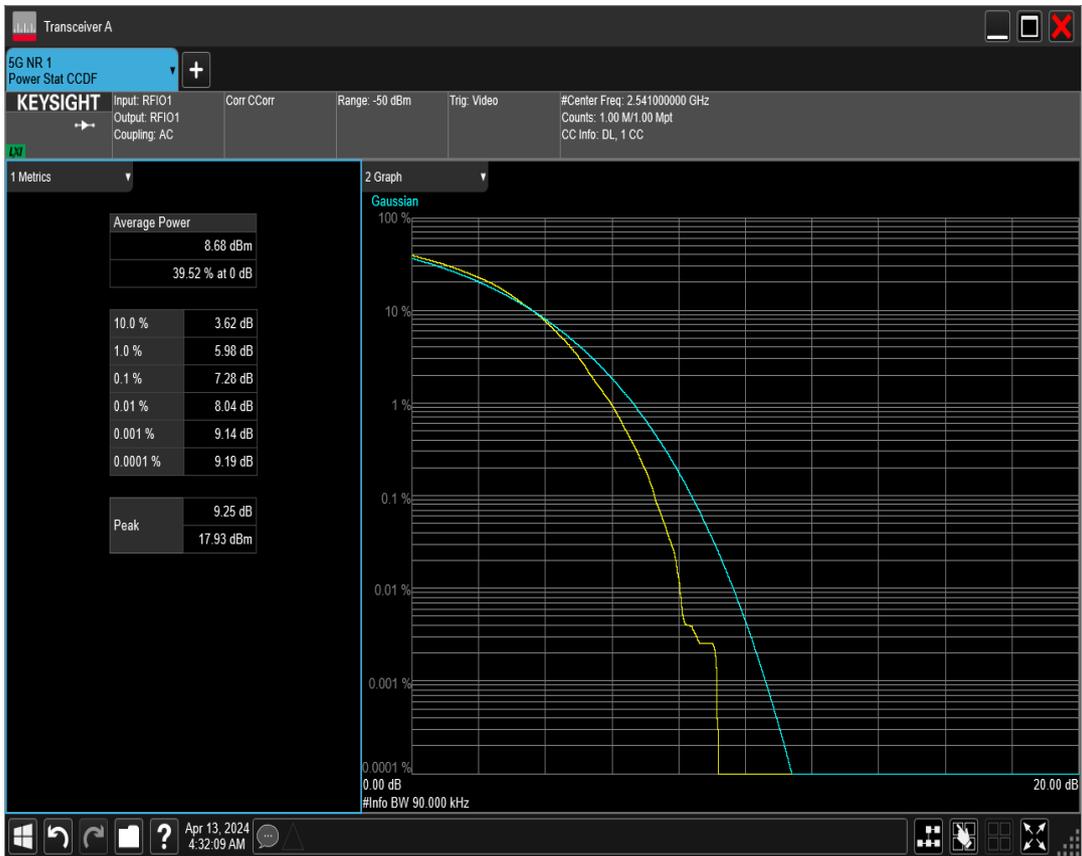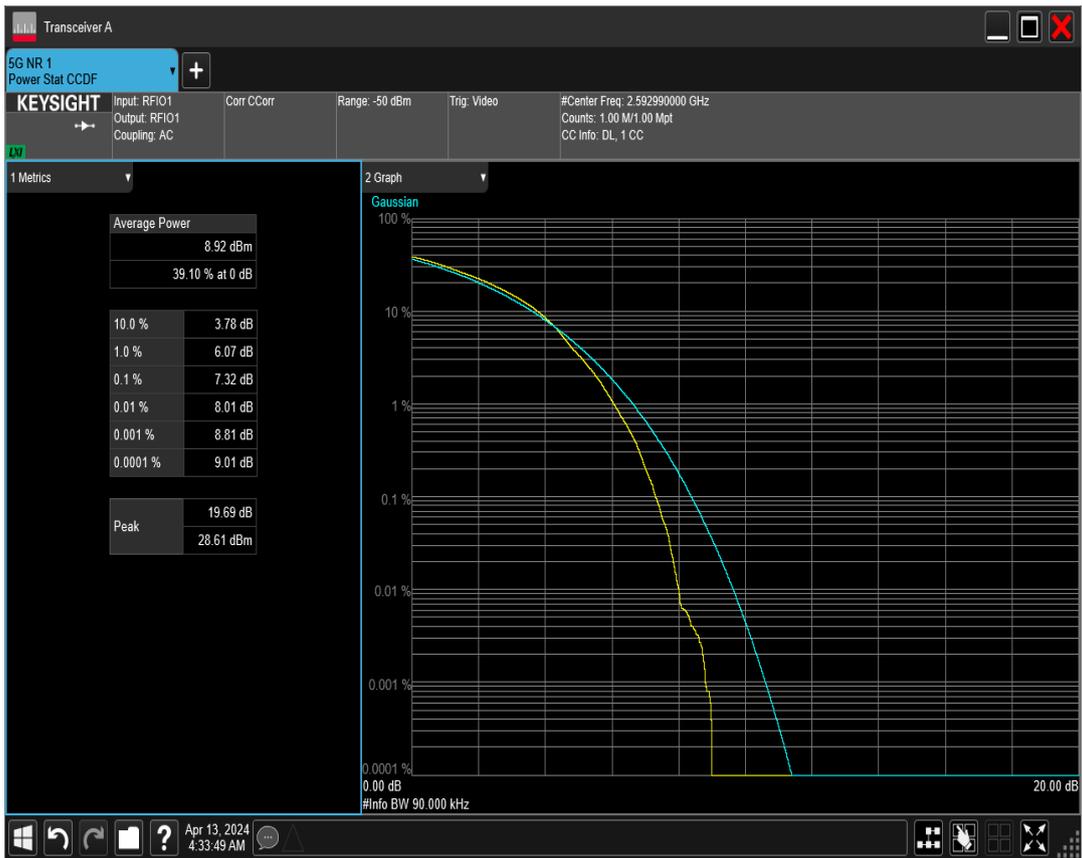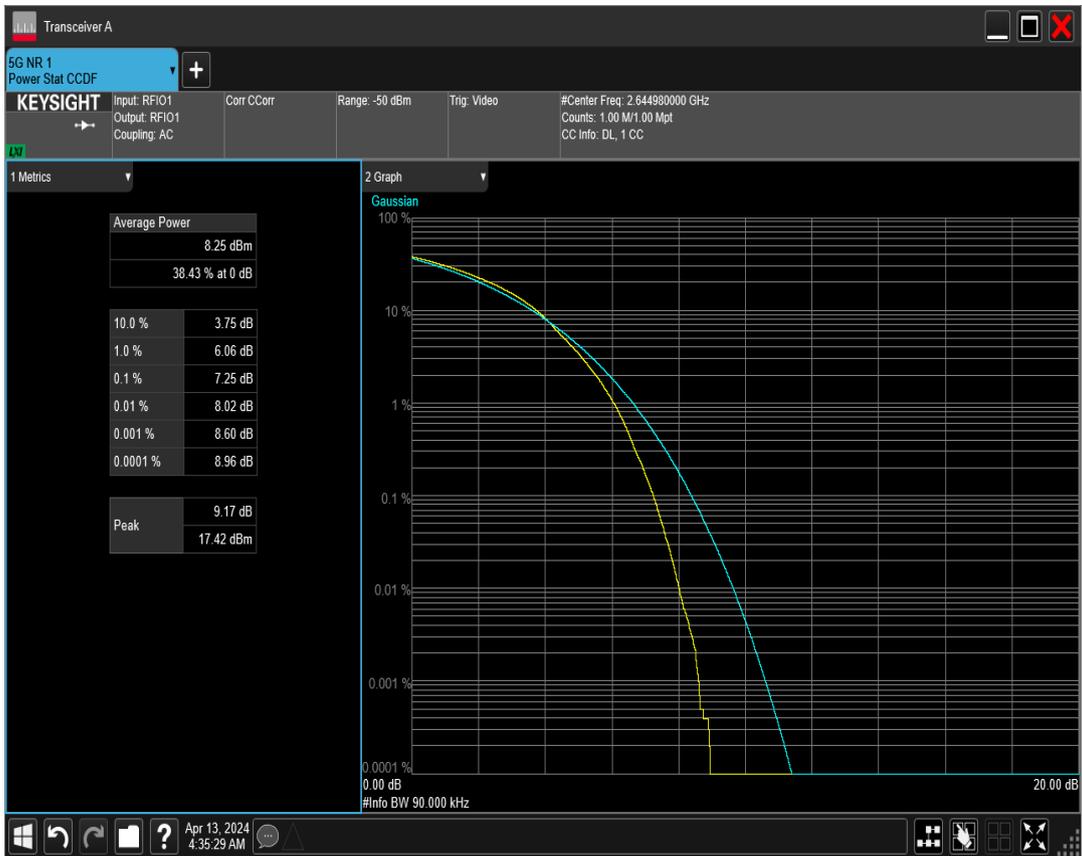
n41 SCS=30kHz DFT_QPSK BW=90MHz Channel=528996 RB=240@0



## 4 Occupied bandwidth for EN-DC

| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | 99% OBW (MHz) | -26dB EBW (MHz) | Verdict |
|------|-----------|-----------------|------------|---------------|------------|---------------|-----------------|---------|
| n41 | 30 | 20 | 518598 | 50@0 | DFT_BPSK | 18.010 | 18.330 | PASS |
| n41 | 30 | 20 | 518598 | 50@0 | DFT_QPSK | 18.080 | 18.270 | PASS |
| n41 | 30 | 20 | 518598 | 50@0 | DFT_QAM16 | 18.030 | 18.250 | PASS |
| n41 | 30 | 20 | 518598 | 50@0 | DFT_QAM64 | 18.080 | 18.320 | PASS |
| n41 | 30 | 20 | 518598 | 50@0 | DFT_QAM256 | 18.060 | 18.270 | PASS |
| n41 | 30 | 40 | 518598 | 100@0 | DFT_BPSK | 37.360 | 36.350 | PASS |
| n41 | 30 | 40 | 518598 | 100@0 | DFT_QPSK | 37.460 | 36.320 | PASS |
| n41 | 30 | 40 | 518598 | 100@0 | DFT_QAM16 | 37.510 | 36.390 | PASS |
| n41 | 30 | 40 | 518598 | 100@0 | DFT_QAM64 | 37.510 | 36.320 | PASS |
| n41 | 30 | 40 | 518598 | 100@0 | DFT_QAM256 | 37.410 | 36.300 | PASS |
| n41 | 30 | 50 | 518598 | 128@0 | DFT_BPSK | 47.020 | 46.460 | PASS |
| n41 | 30 | 50 | 518598 | 128@0 | DFT_QPSK | 46.880 | 46.410 | PASS |
| n41 | 30 | 50 | 518598 | 128@0 | DFT_QAM16 | 47.010 | 46.450 | PASS |
| n41 | 30 | 50 | 518598 | 128@0 | DFT_QAM64 | 47.010 | 46.370 | PASS |
| n41 | 30 | 50 | 518598 | 128@0 | DFT_QAM256 | 46.950 | 46.410 | PASS |
| n41 | 30 | 60 | 518598 | 162@0 | DFT_BPSK | 57.720 | 58.630 | PASS |
| n41 | 30 | 60 | 518598 | 162@0 | DFT_QPSK | 57.720 | 58.590 | PASS |
| n41 | 30 | 60 | 518598 | 162@0 | DFT_QAM16 | 57.690 | 58.560 | PASS |
| n41 | 30 | 60 | 518598 | 162@0 | DFT_QAM64 | 57.700 | 58.670 | PASS |
| n41 | 30 | 60 | 518598 | 162@0 | DFT_QAM256 | 57.710 | 58.630 | PASS |
| n41 | 30 | 80 | 518598 | 216@0 | DFT_BPSK | 77.020 | 78.090 | PASS |
| n41 | 30 | 80 | 518598 | 216@0 | DFT_QPSK | 76.920 | 78.090 | PASS |
| n41 | 30 | 80 | 518598 | 216@0 | DFT_QAM16 | 77.020 | 78.100 | PASS |
| n41 | 30 | 80 | 518598 | 216@0 | DFT_QAM64 | 76.950 | 78.040 | PASS |
| n41 | 30 | 80 | 518598 | 216@0 | DFT_QAM256 | 76.930 | 78.080 | PASS |
| n41 | 30 | 90 | 518598 | 240@0 | DFT_BPSK | 86.320 | 86.640 | PASS |
| n41 | 30 | 90 | 518598 | 240@0 | DFT_QPSK | 86.220 | 86.780 | PASS |
| n41 | 30 | 90 | 518598 | 240@0 | DFT_QAM16 | 86.050 | 86.770 | PASS |
| n41 | 30 | 90 | 518598 | 240@0 | DFT_QAM64 | 85.960 | 86.690 | PASS |
| n41 | 30 | 90 | 518598 | 240@0 | DFT_QAM256 | 86.190 | 86.710 | PASS |
| n41 | 30 | 100 | 518598 | 270@0 | DFT_BPSK | 96.040 | 97.530 | PASS |
| n41 | 30 | 100 | 518598 | 270@0 | DFT_QPSK | 96.030 | 97.560 | PASS |
| n41 | 30 | 100 | 518598 | 270@0 | DFT_QAM16 | 95.930 | 97.490 | PASS |
| n41 | 30 | 100 | 518598 | 270@0 | DFT_QAM64 | 96.020 | 97.540 | PASS |
| n41 | 30 | 100 | 518598 | 270@0 | DFT_QAM256 | 96.010 | 97.510 | PASS |

n41 SCS=30kHz DFT_BPSK BW=100MHz Channel=518598 RB=270@0

n41 SCS=30kHz DFT_BPSK BW=20MHz Channel=518598 RB=50@0



n41 SCS=30kHz DFT_BPSK BW=40MHz Channel=518598 RB=100@0

n41 SCS=30kHz DFT_BPSK BW=50MHz Channel=518598 RB=128@0
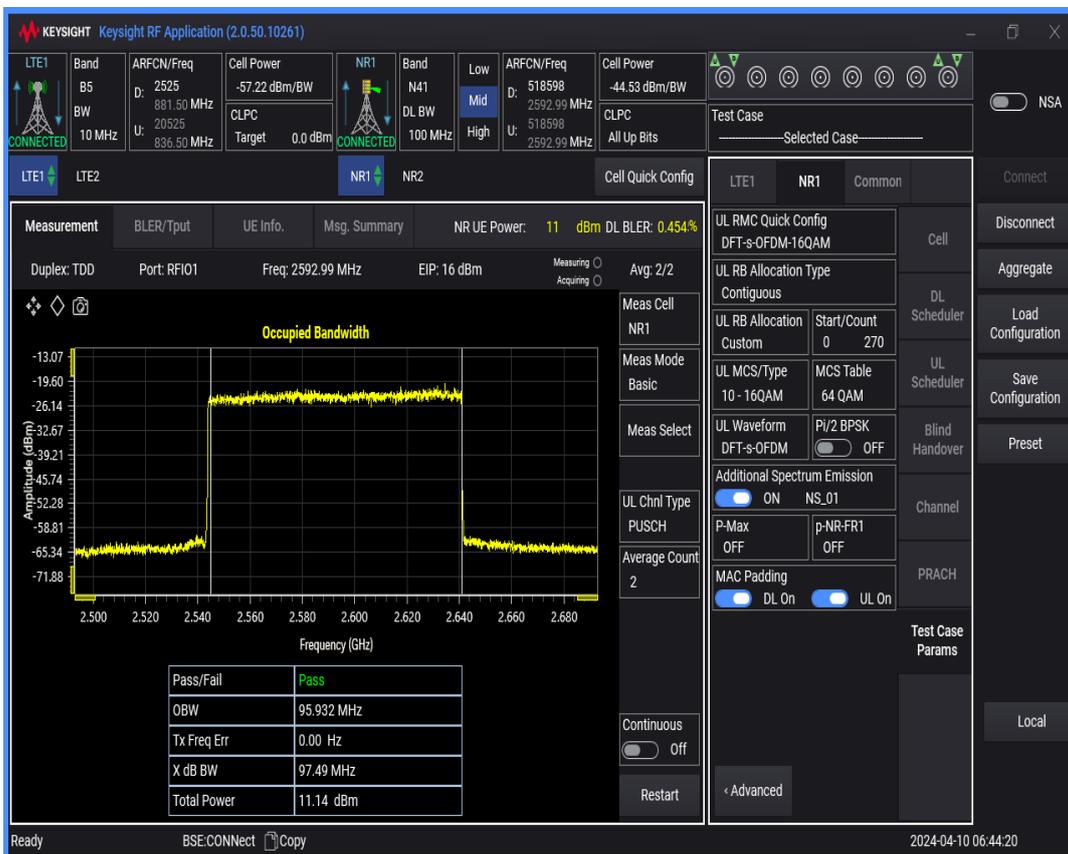


n41 SCS=30kHz DFT_BPSK BW=60MHz Channel=518598 RB=162@0

n41 SCS=30kHz DFT_BPSK BW=80MHz Channel=518598 RB=216@0
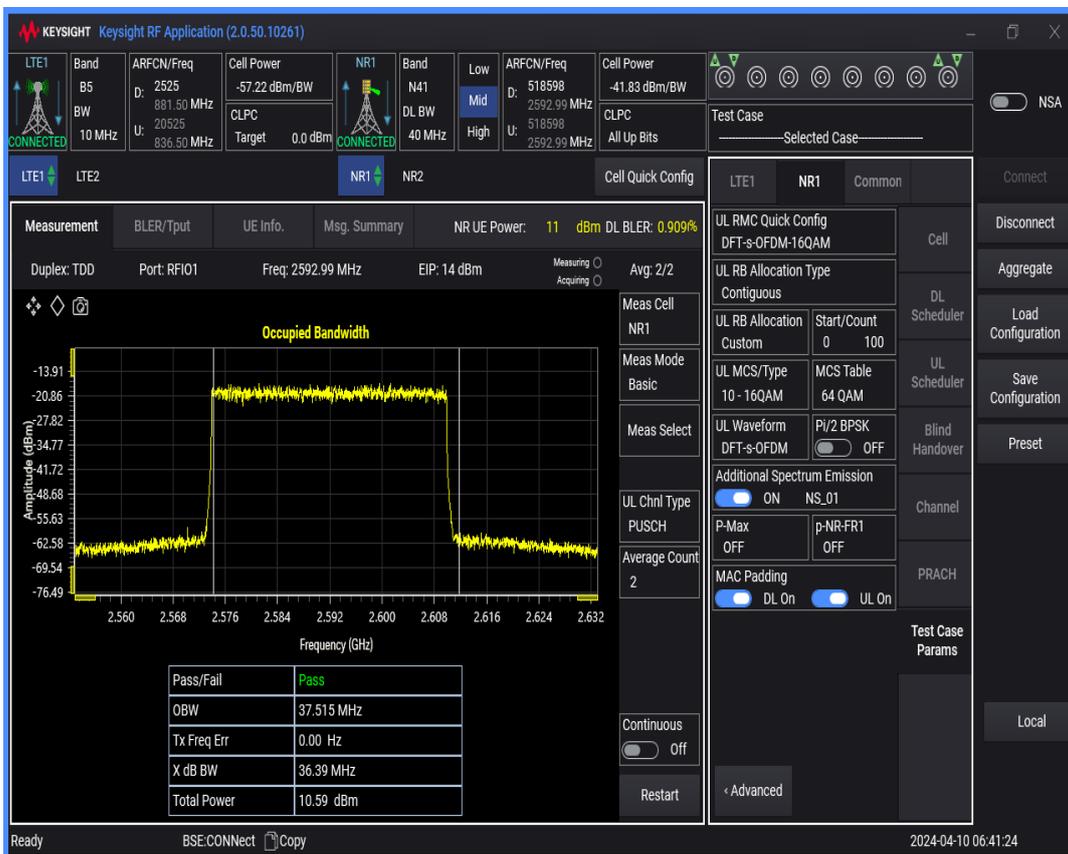


n41 SCS=30kHz DFT_BPSK BW=90MHz Channel=518598 RB=240@0

n41 SCS=30kHz DFT_QAM16 BW=100MHz Channel=518598 RB=270@0



n41 SCS=30kHz DFT_QAM16 BW=20MHz Channel=518598 RB=50@0

n41 SCS=30kHz DFT_QAM16 BW=40MHz Channel=518598 RB=100@0



n41 SCS=30kHz DFT_QAM16 BW=50MHz Channel=518598 RB=128@0