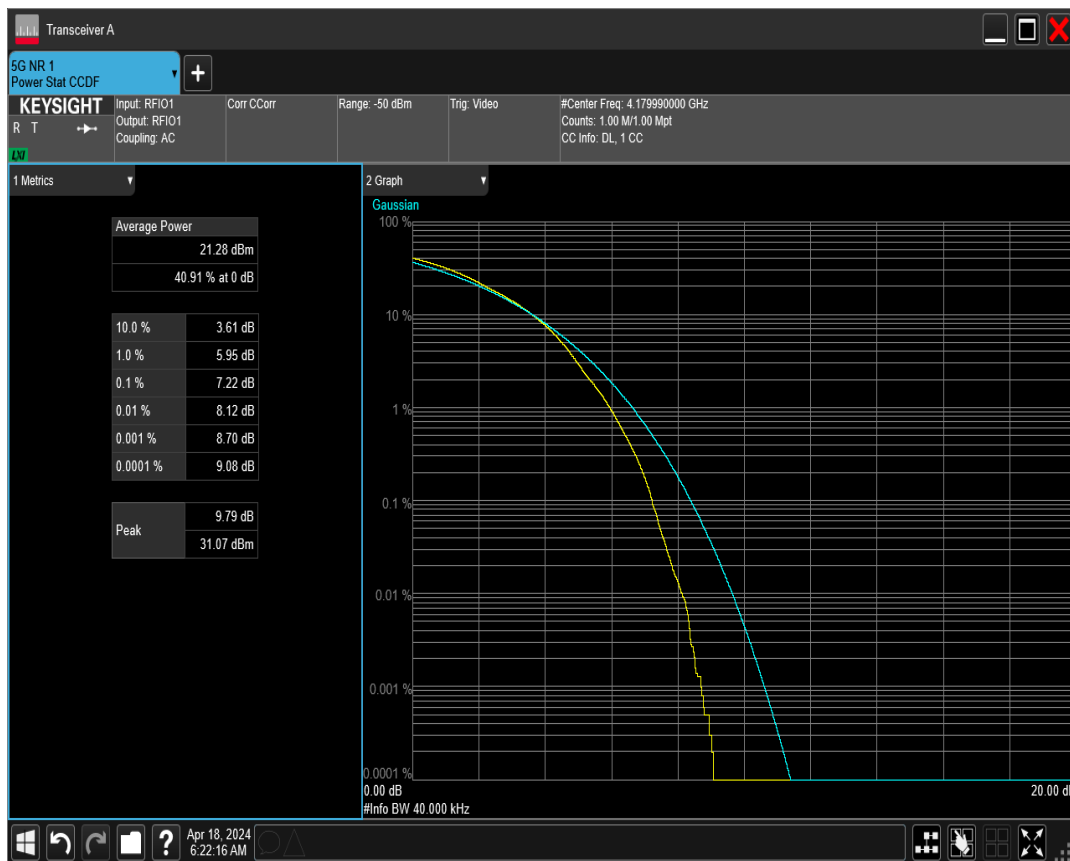
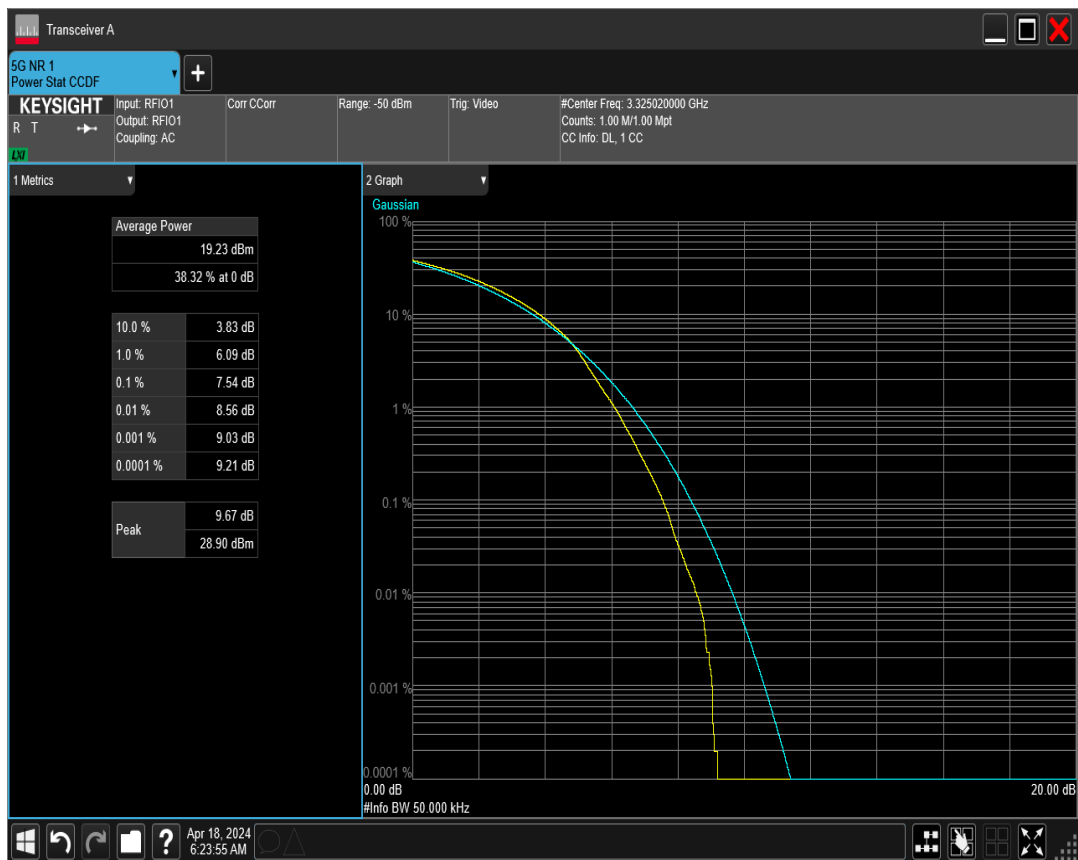
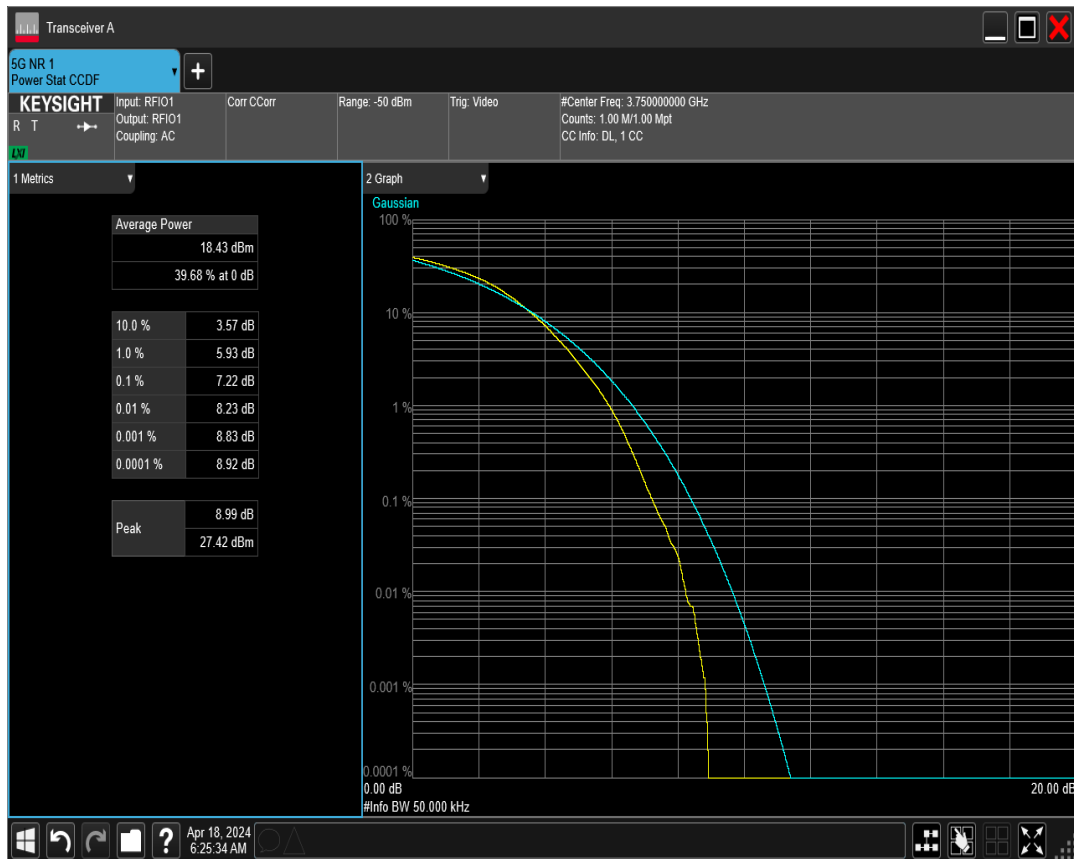




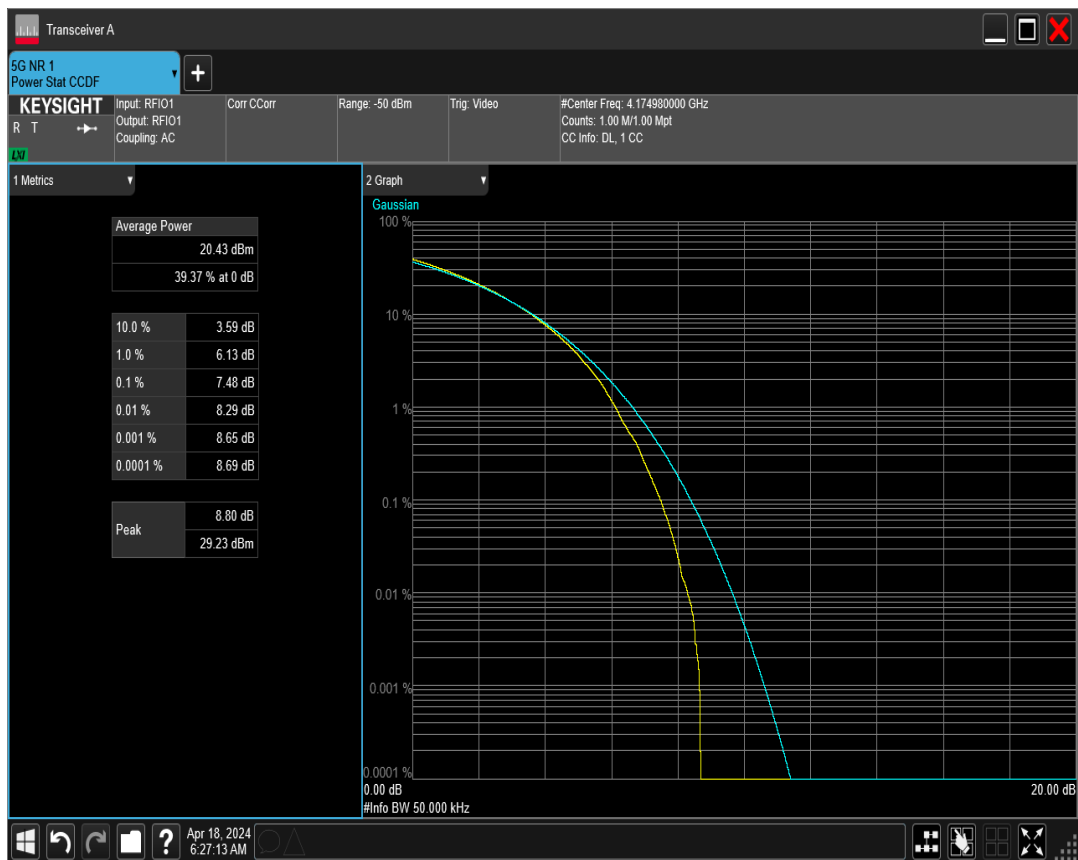
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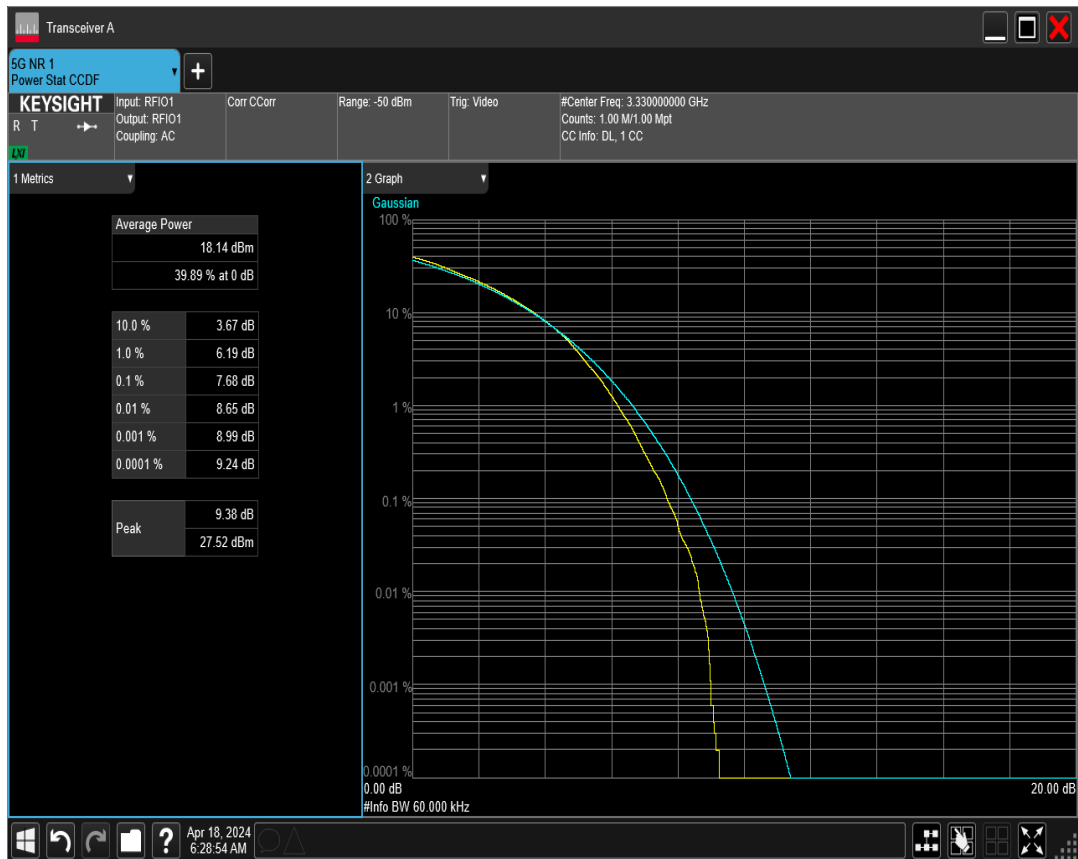
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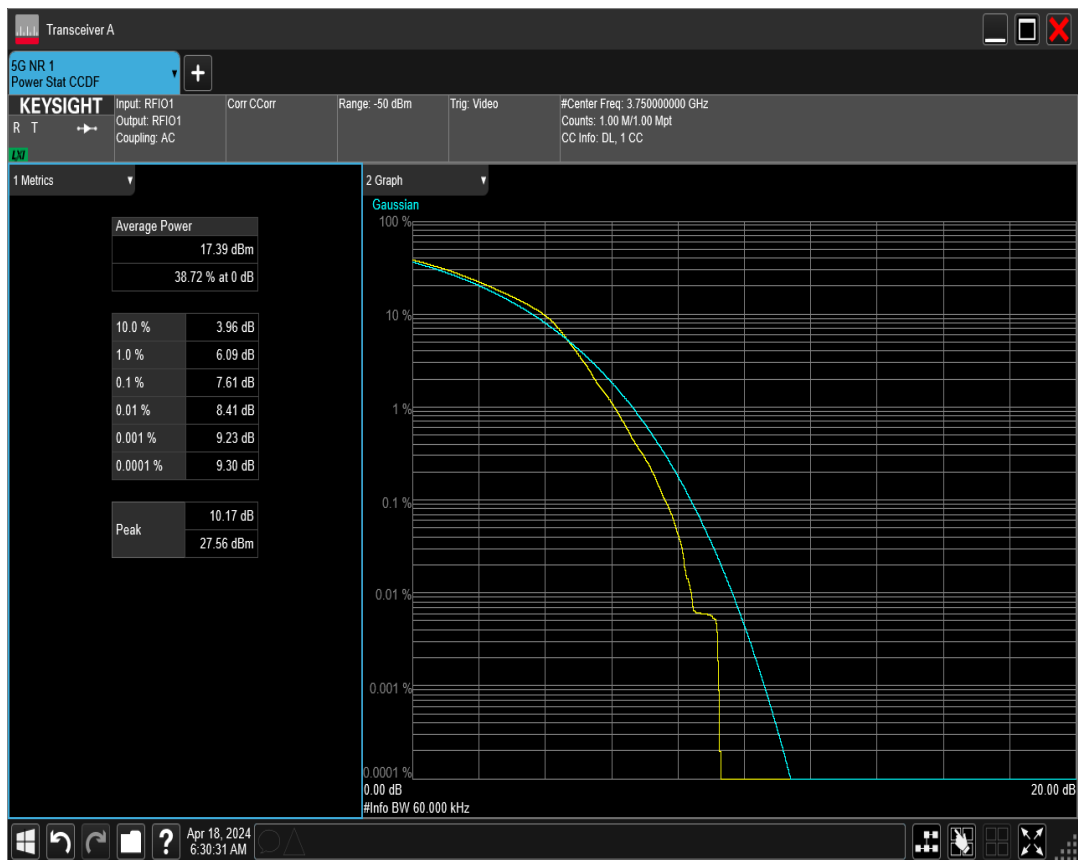
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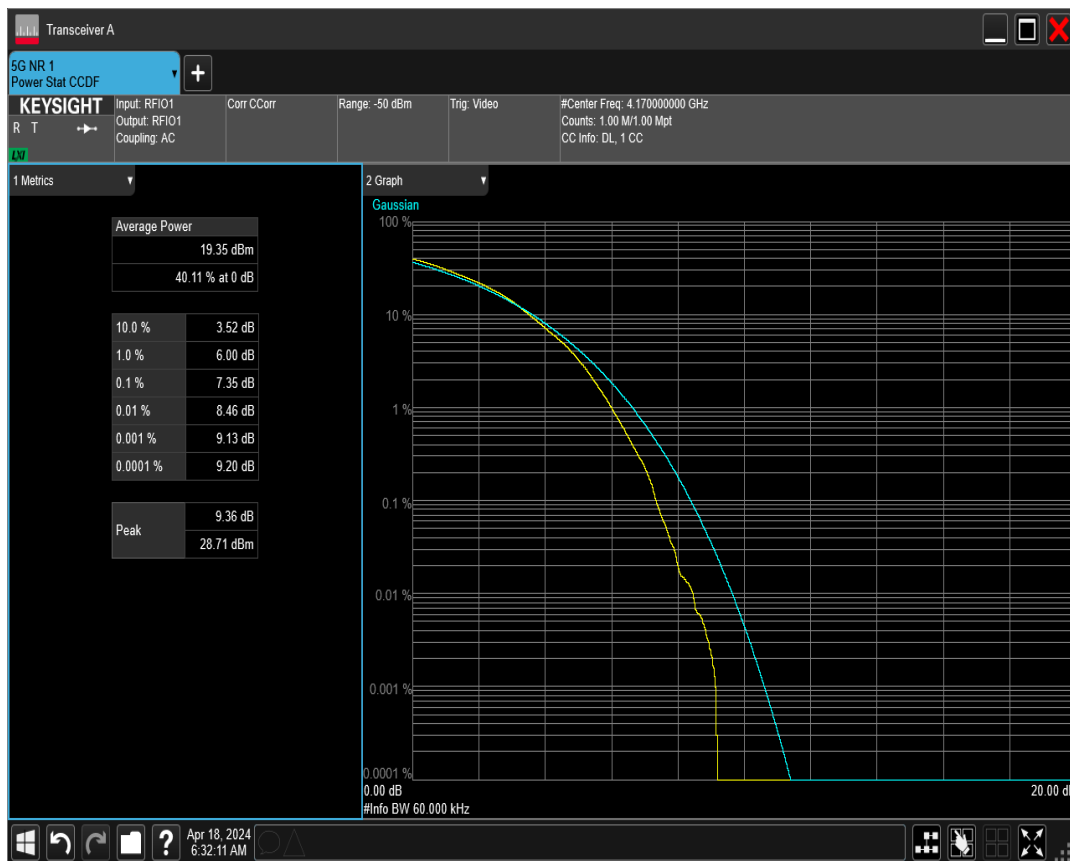
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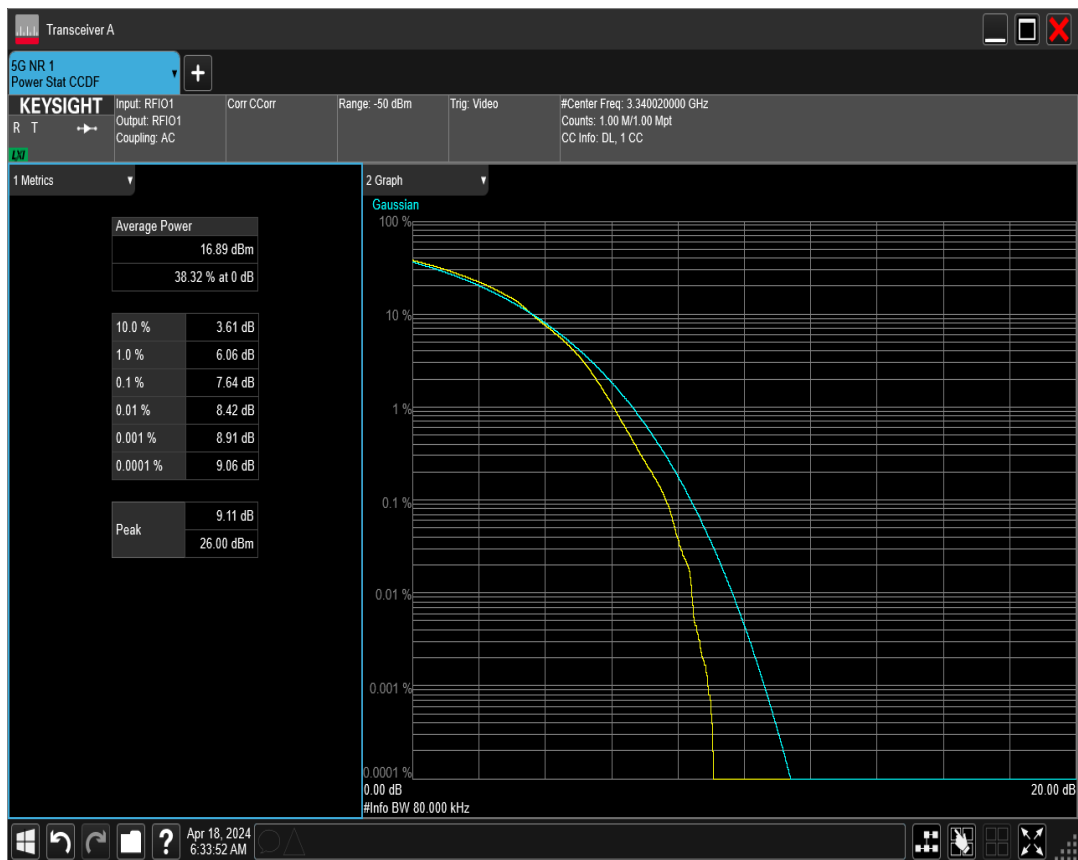
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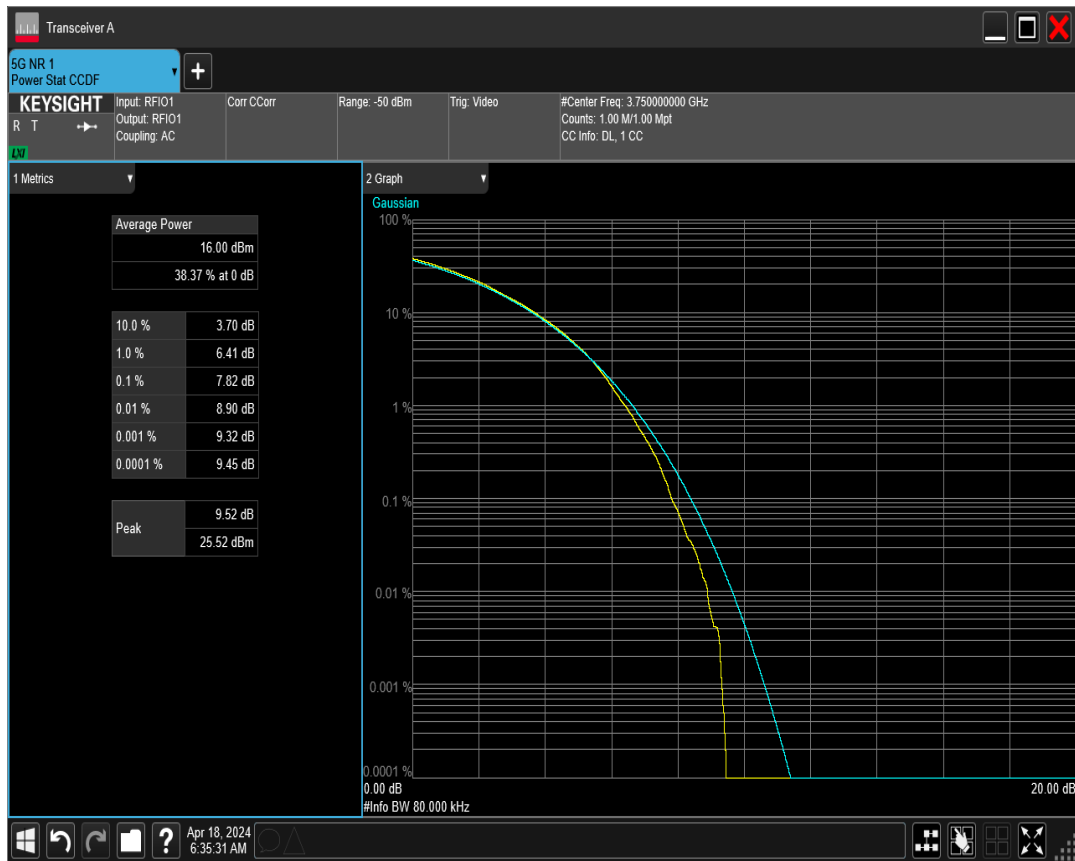
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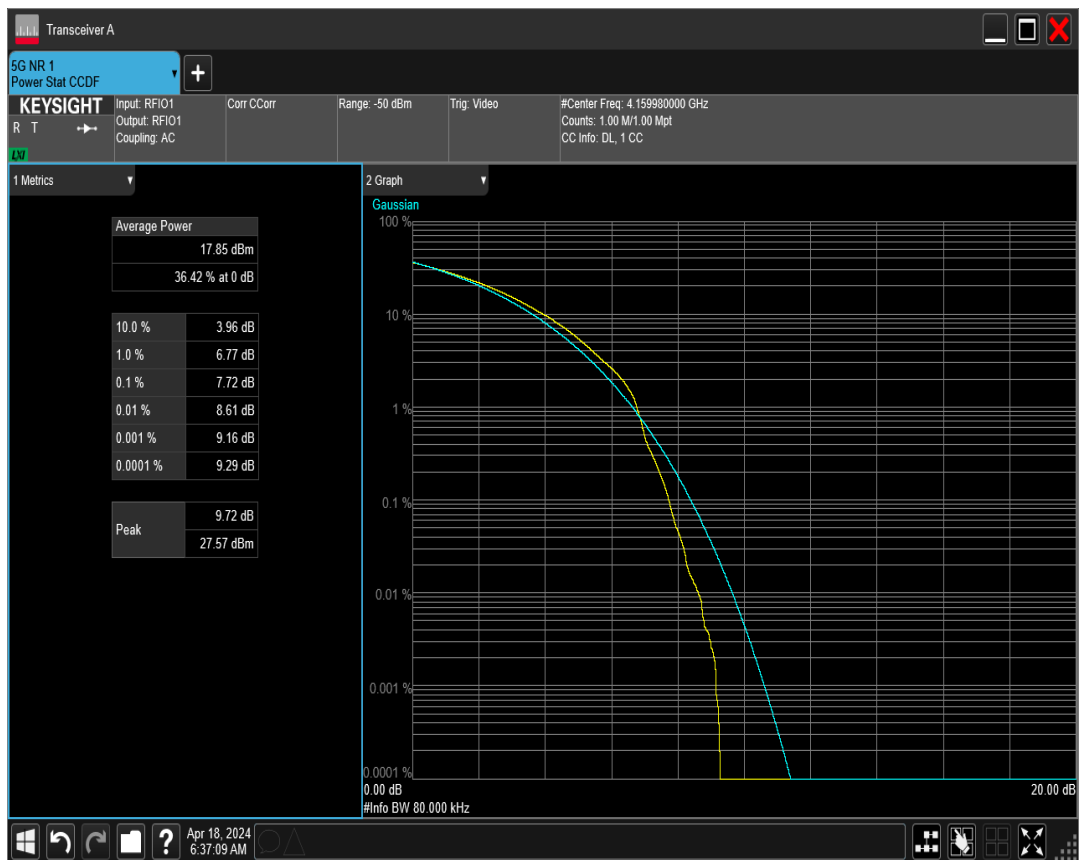
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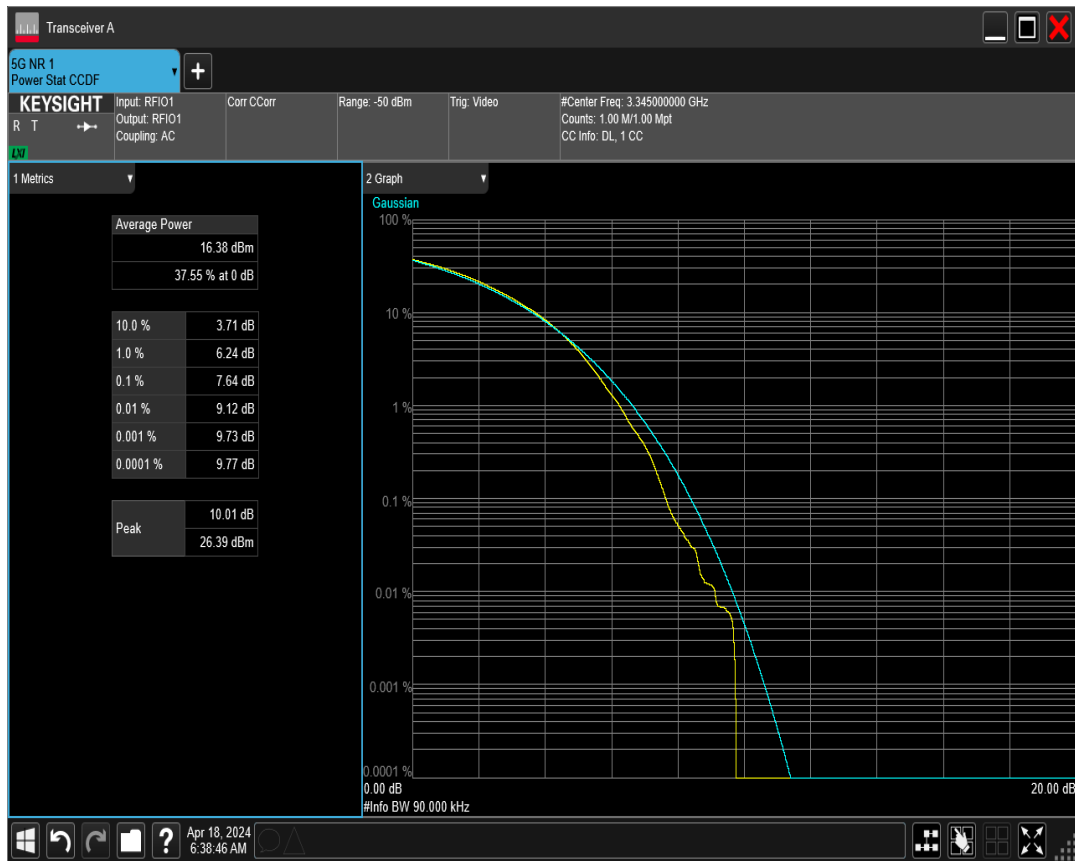
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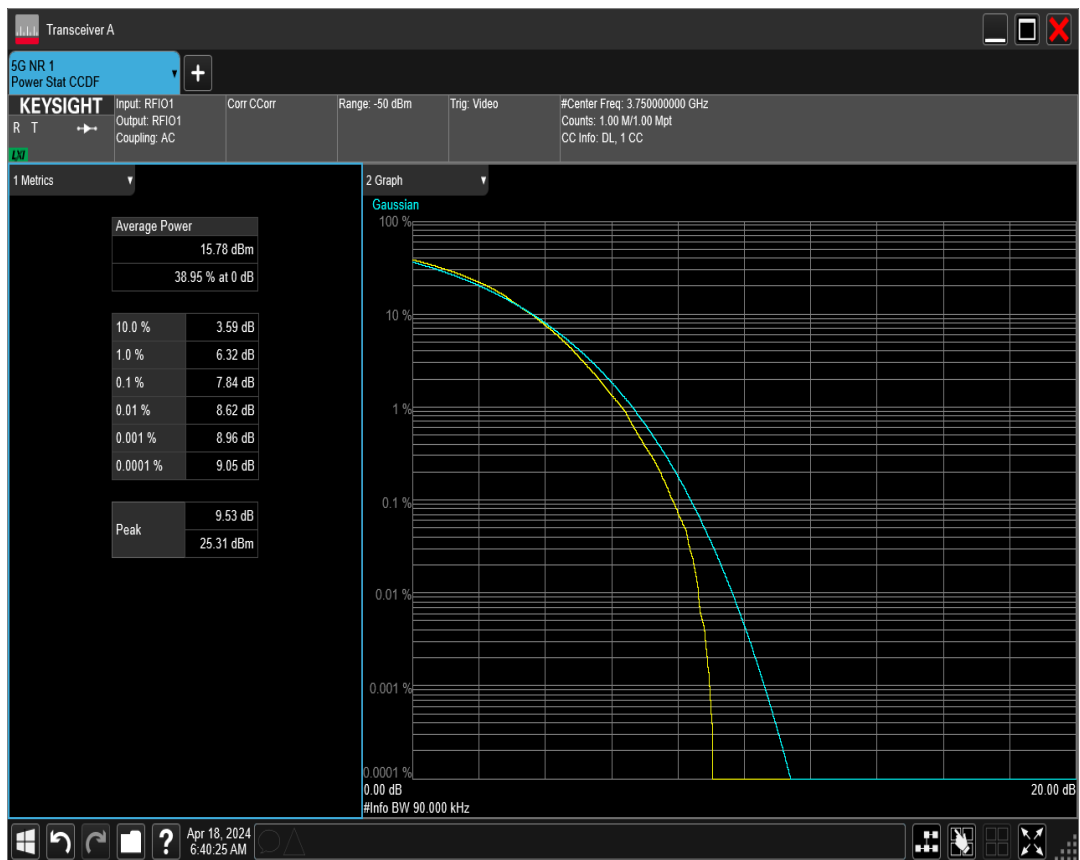
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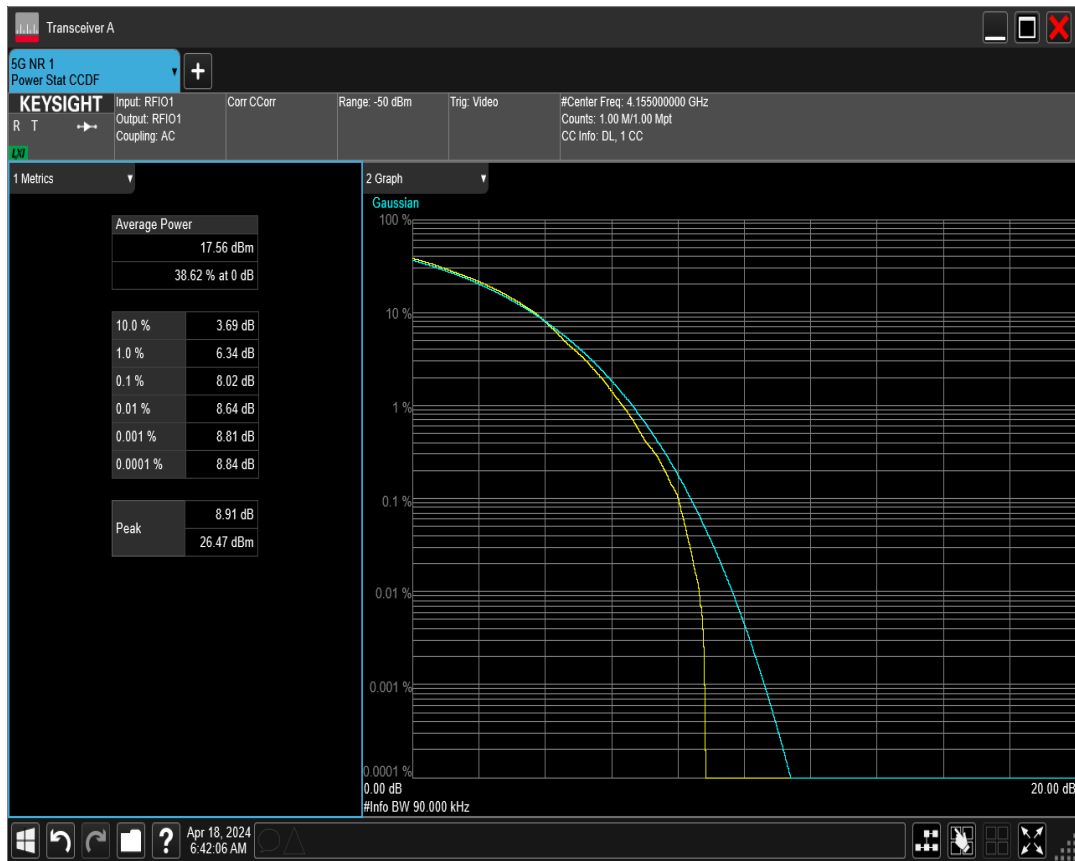
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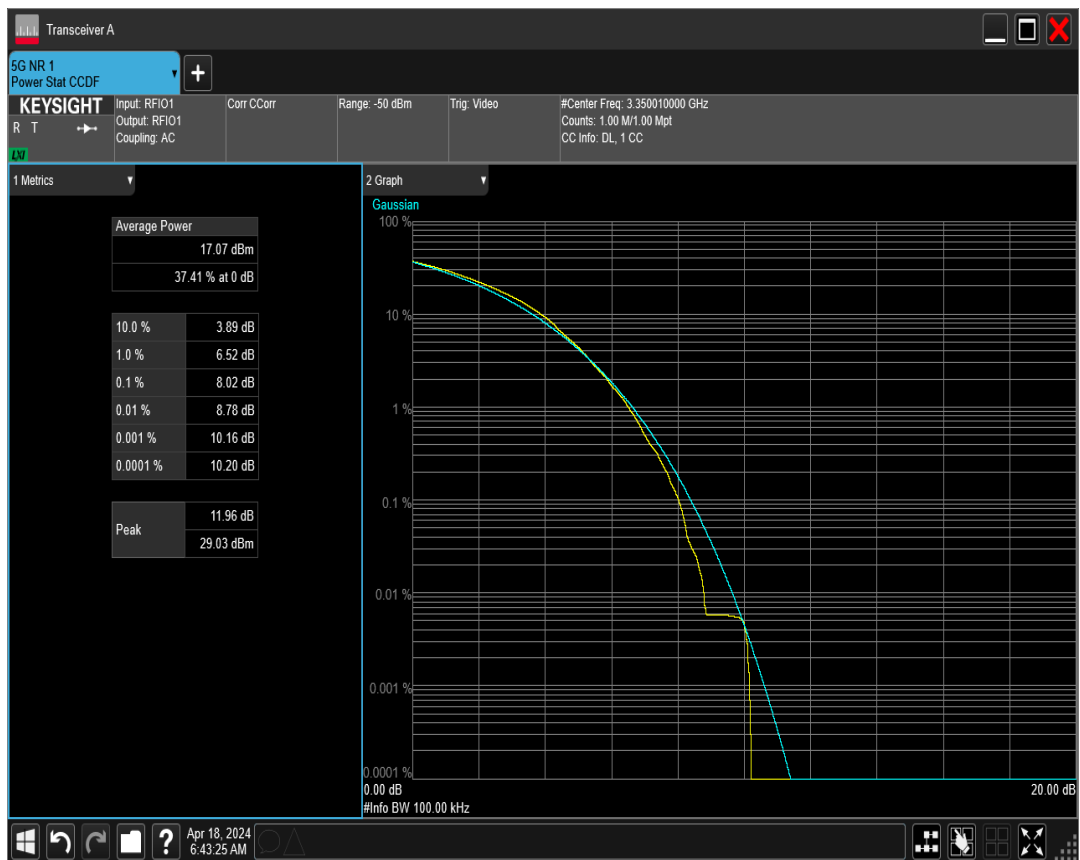
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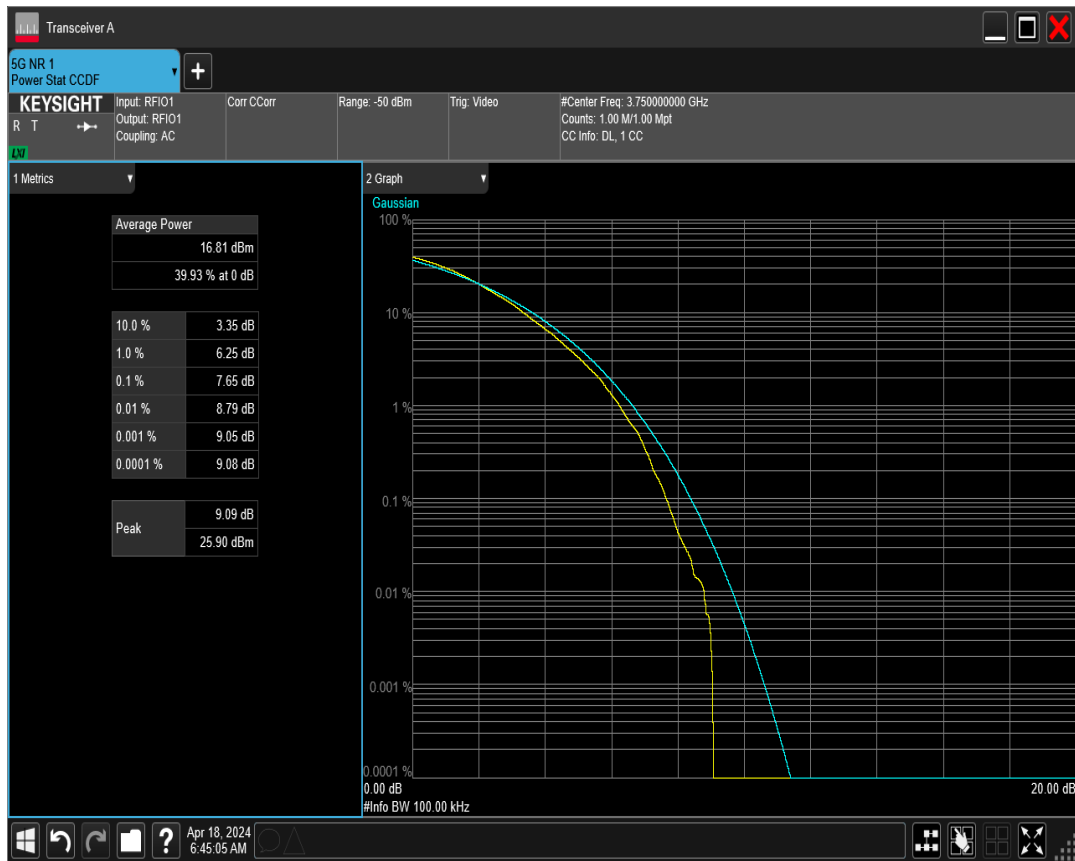
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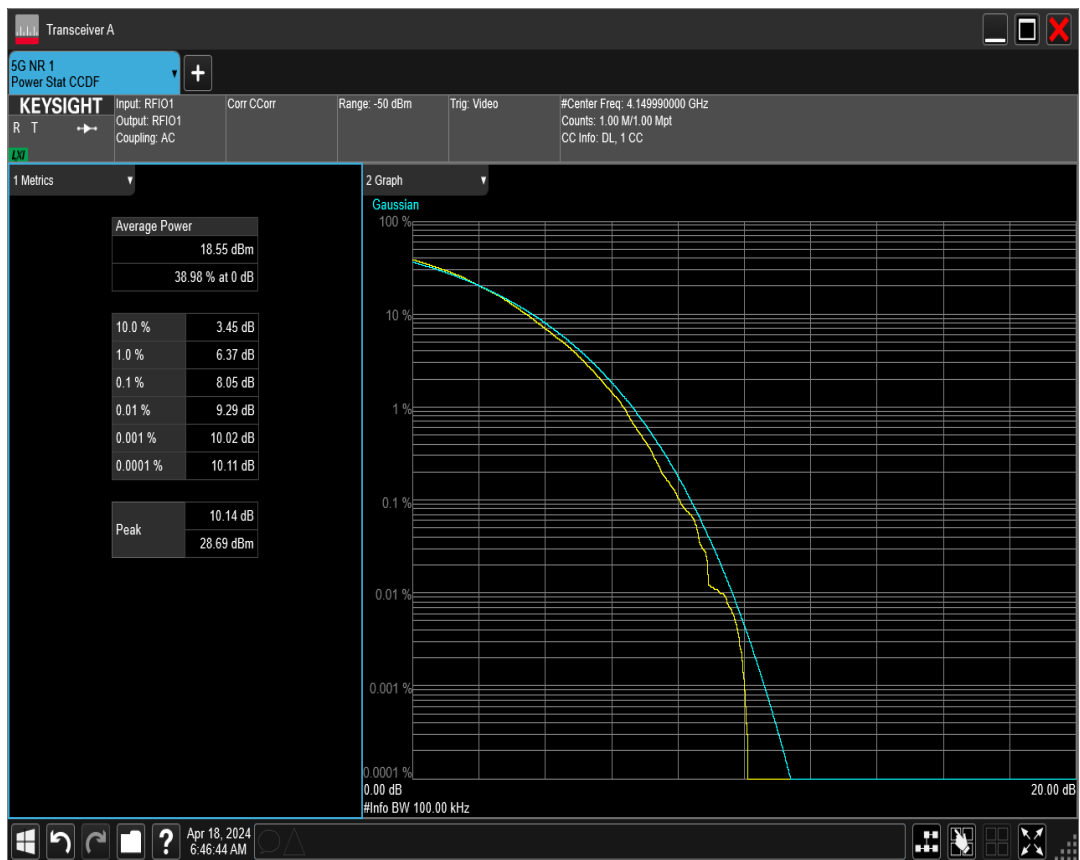
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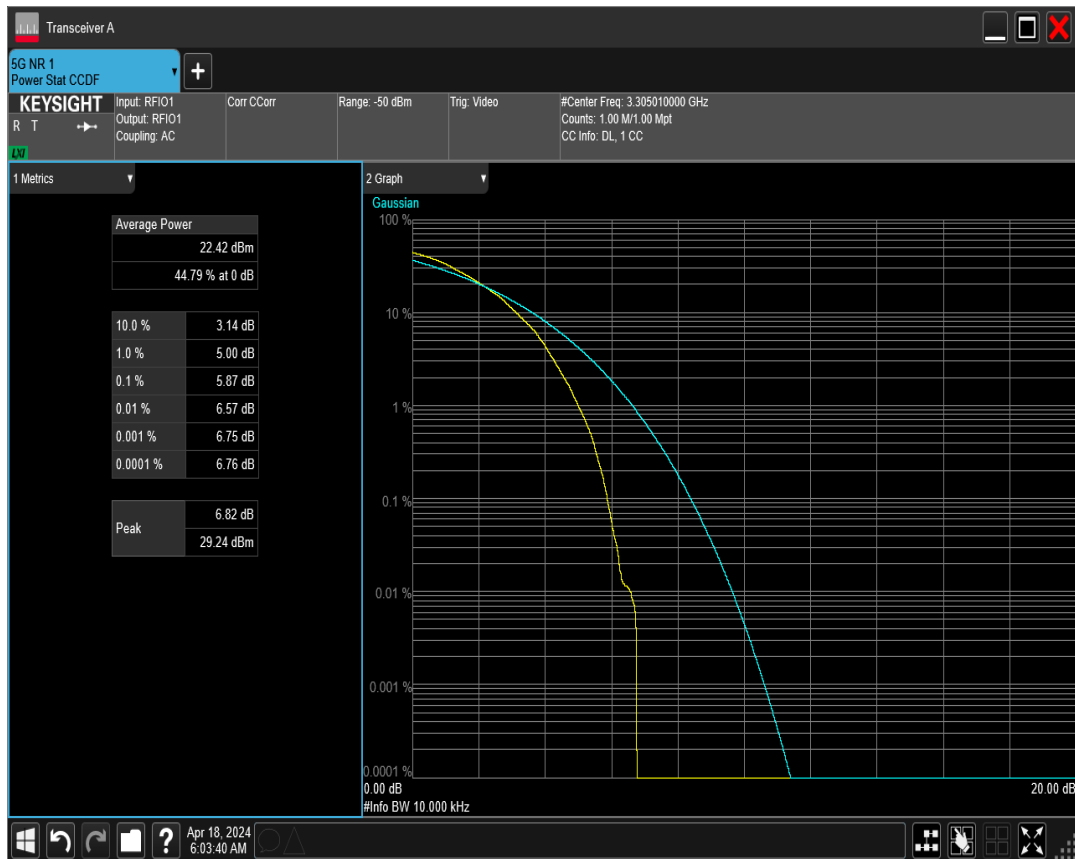
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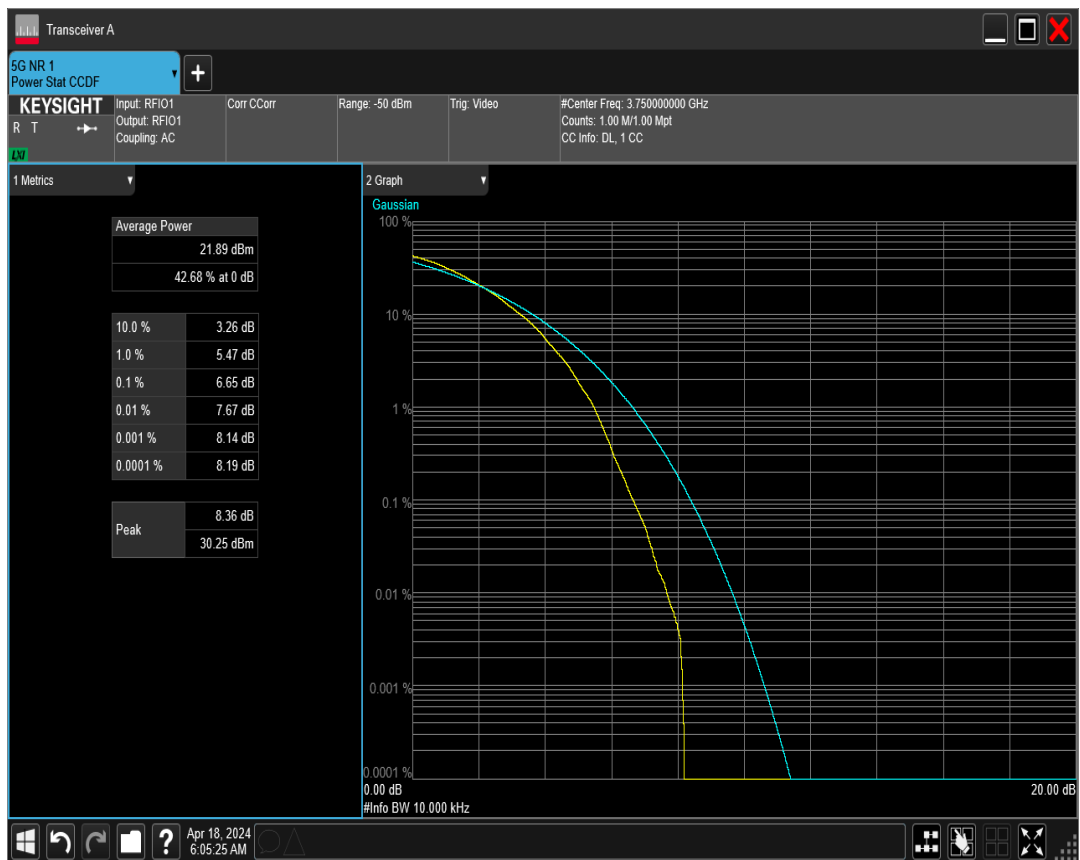
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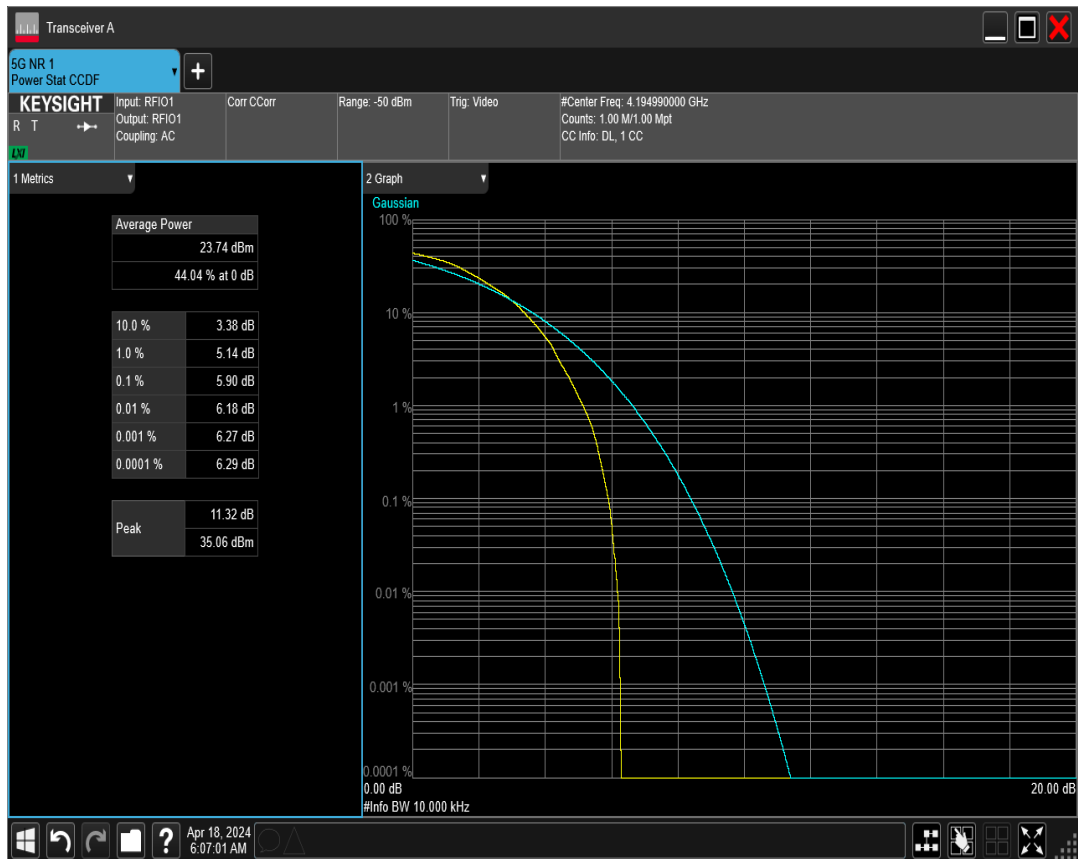
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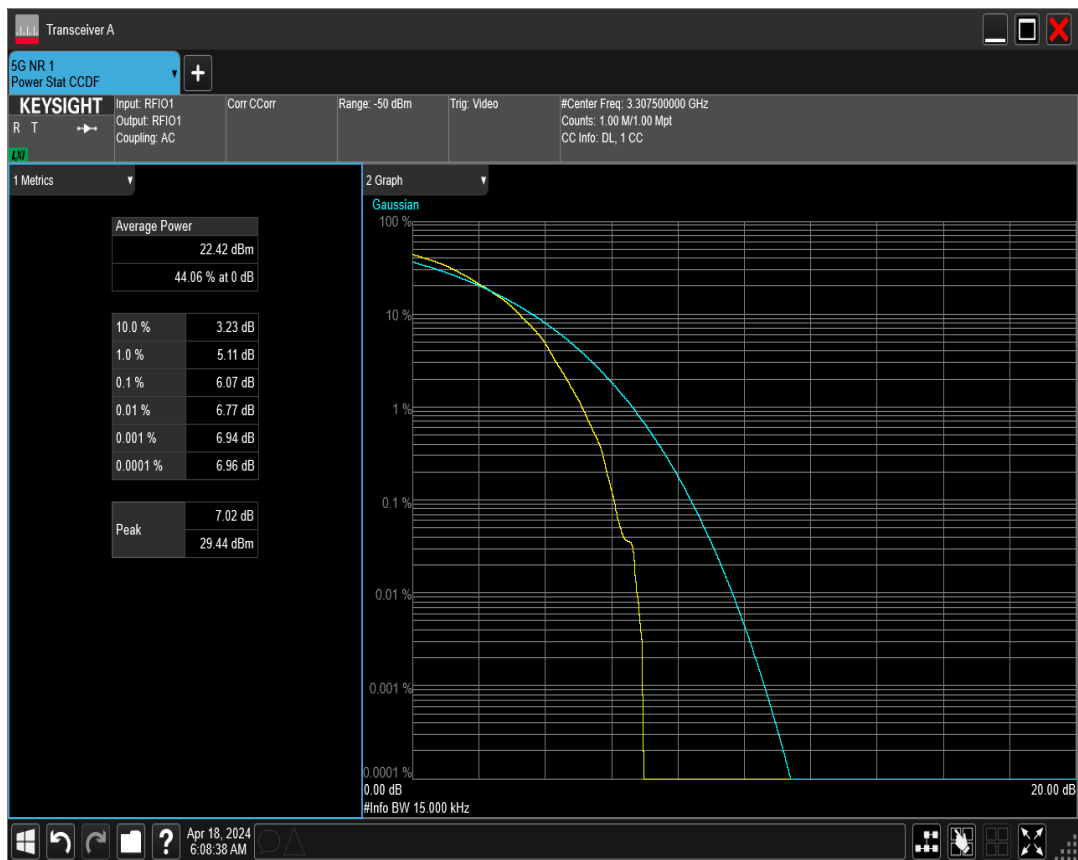
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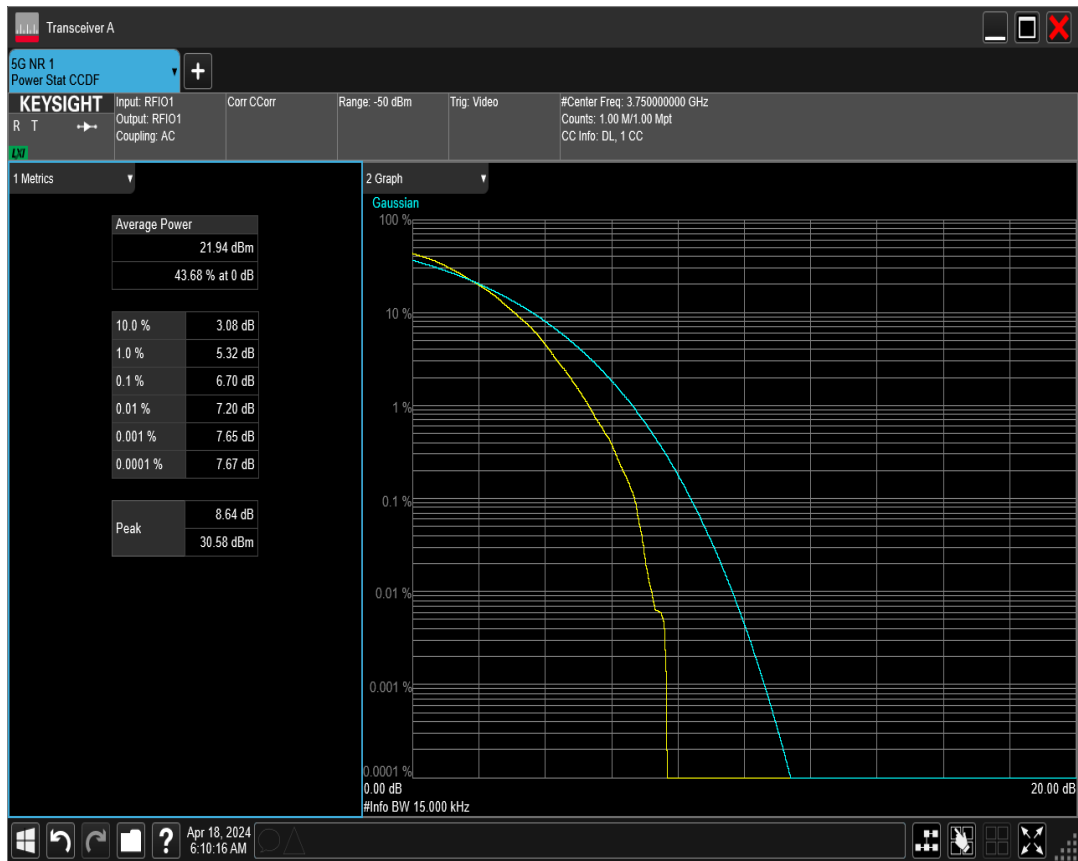
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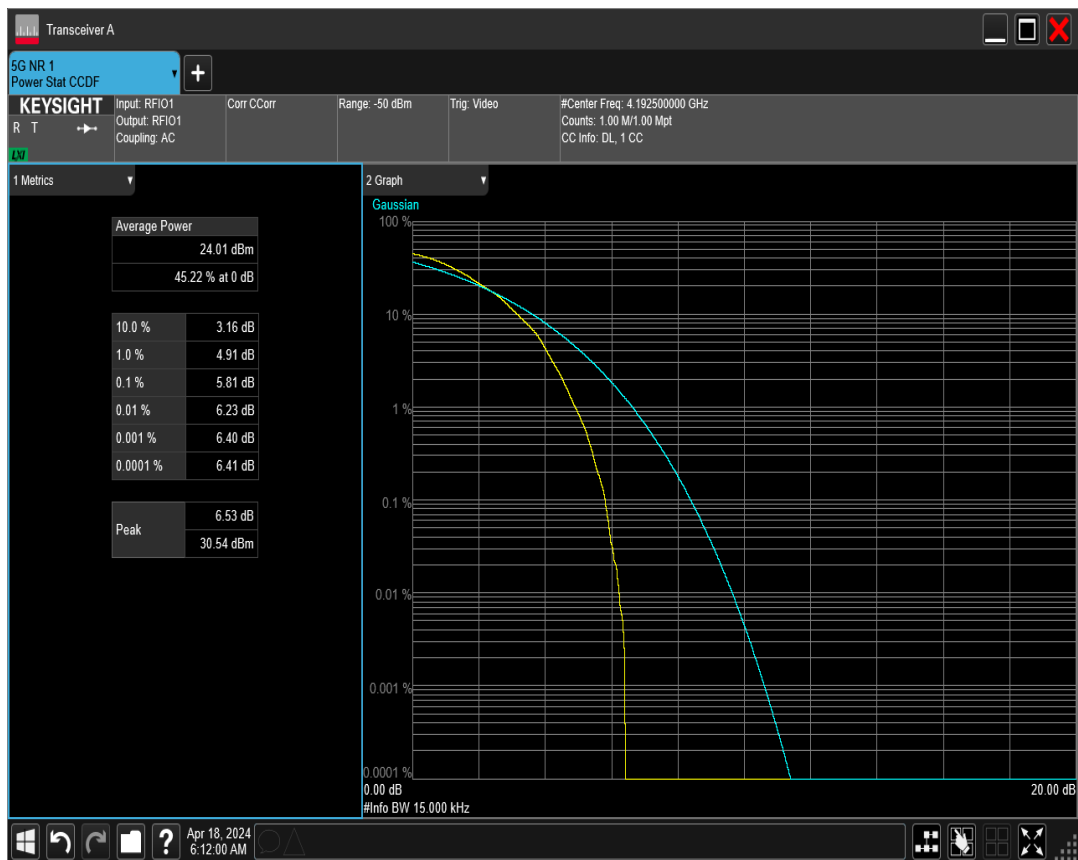
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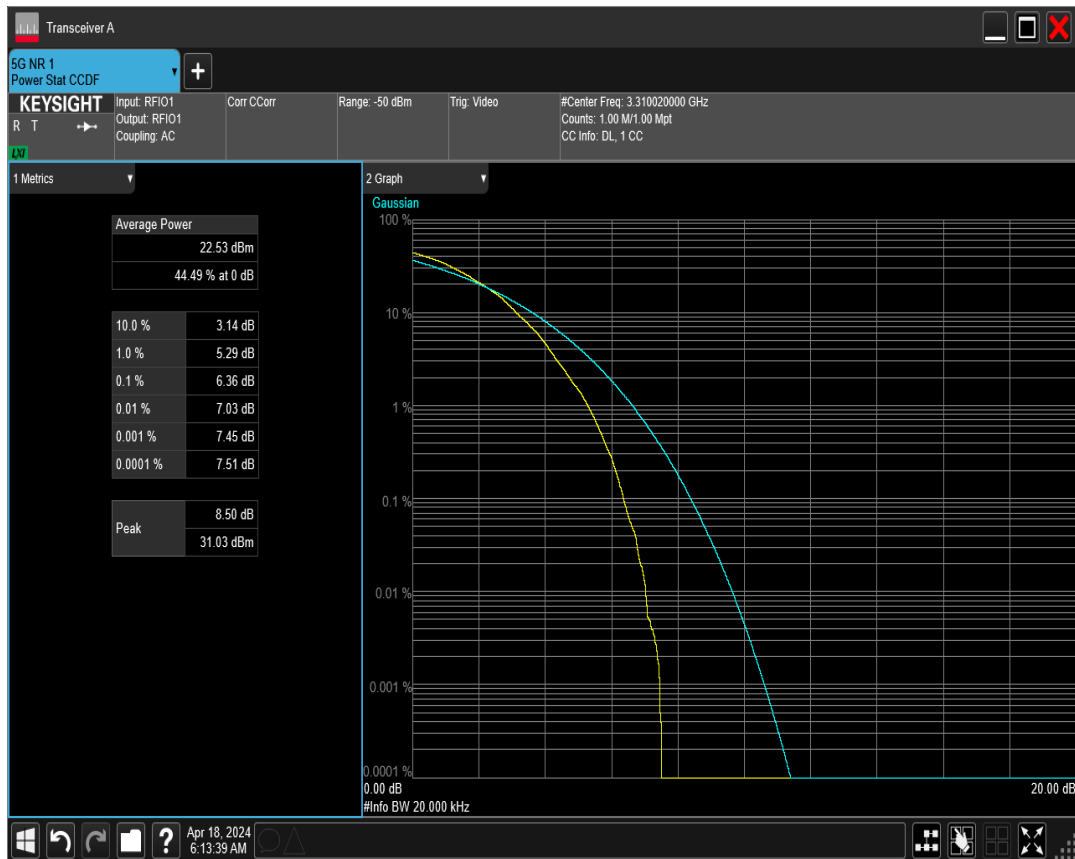
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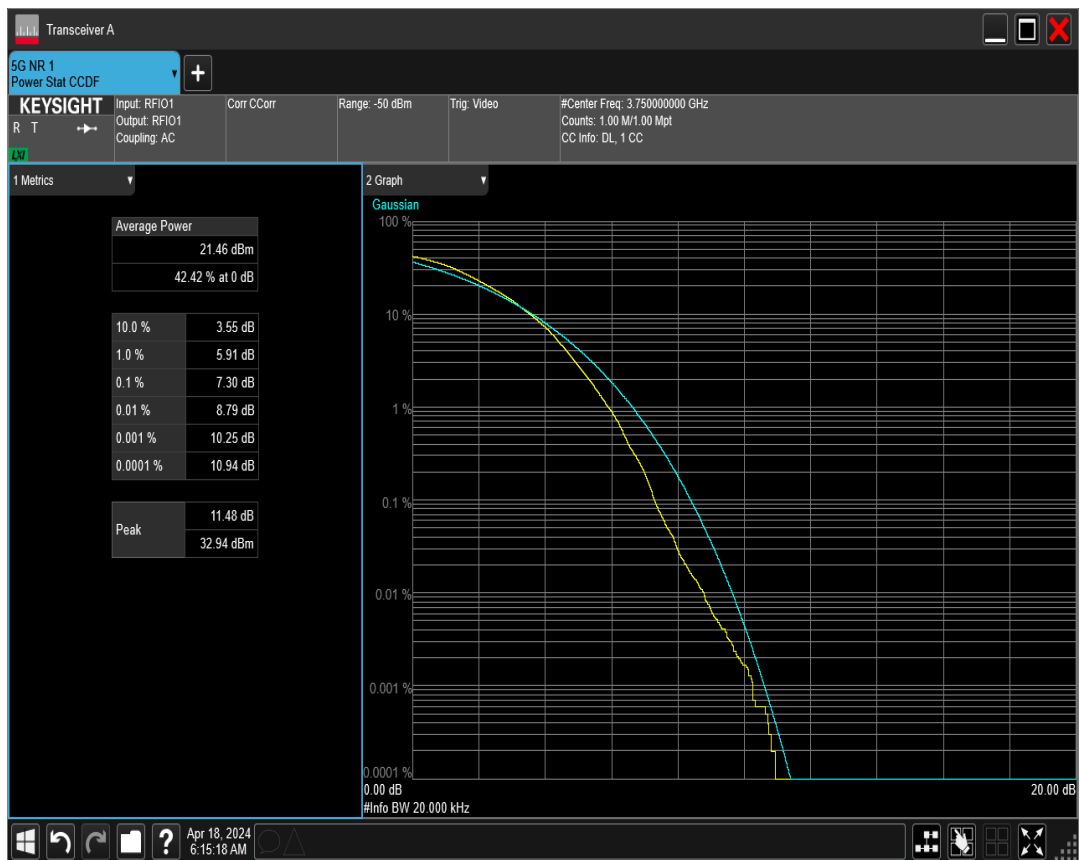
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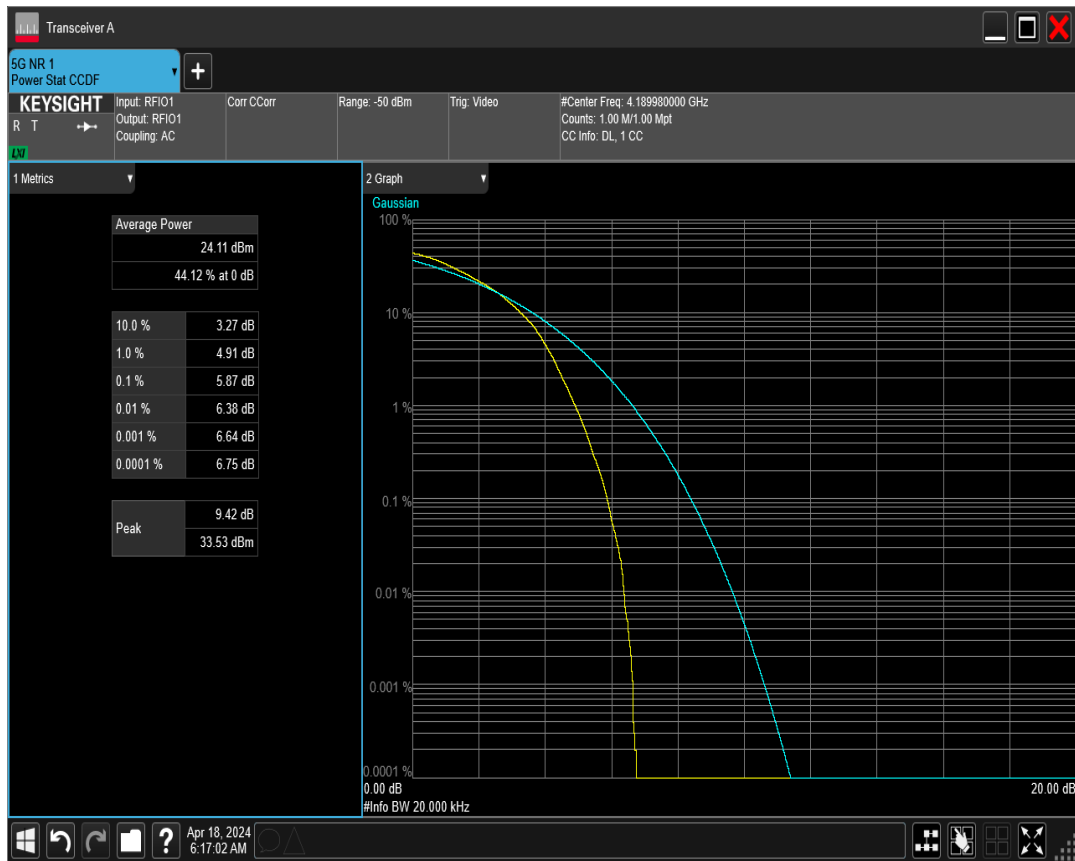
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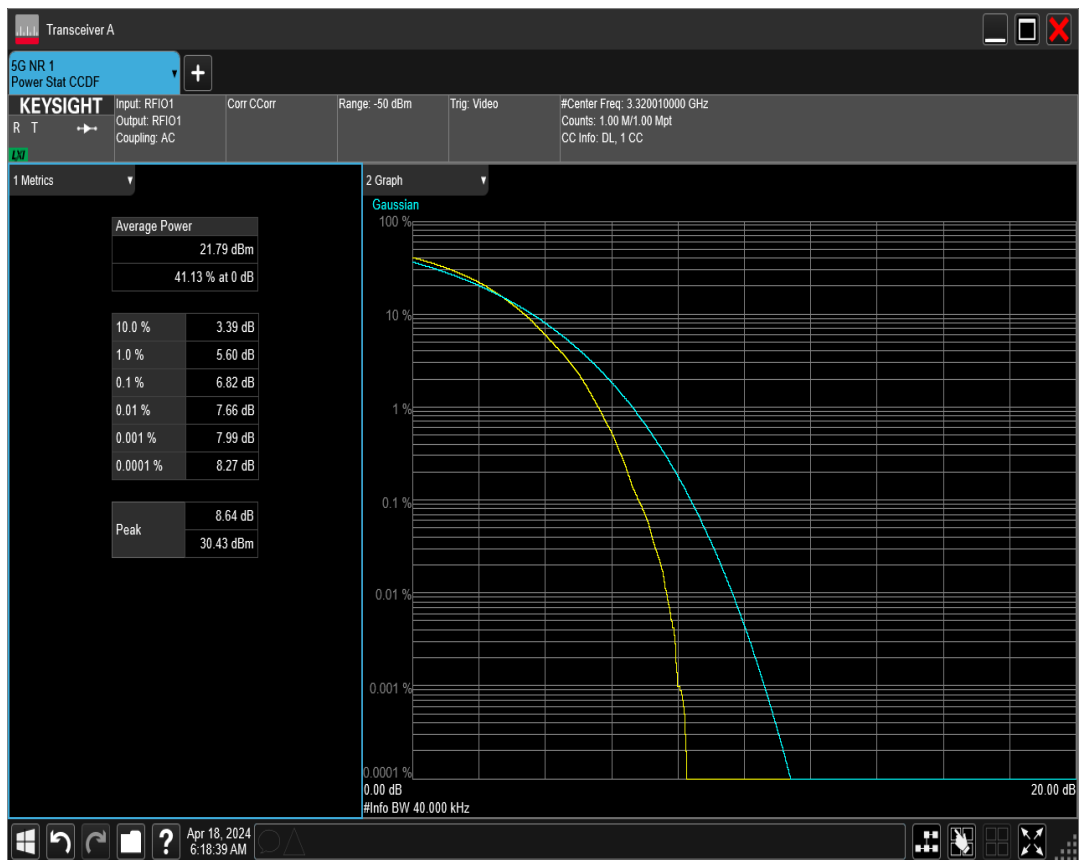
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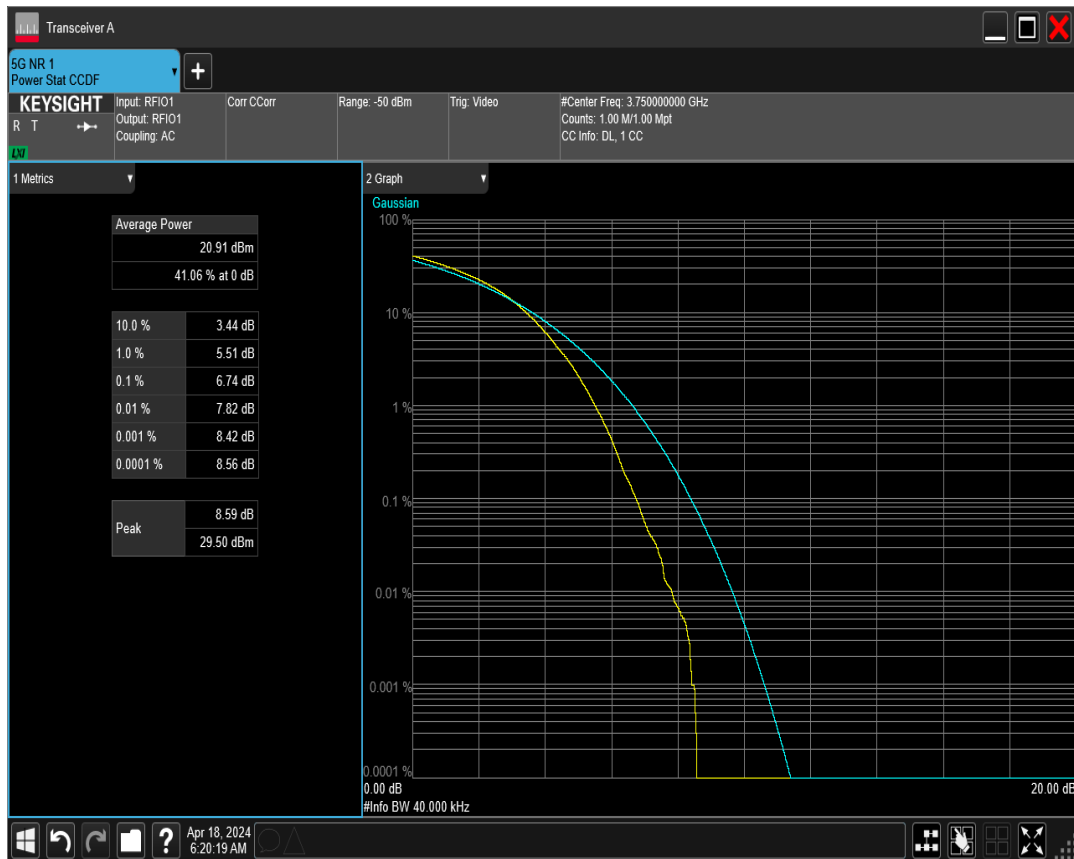
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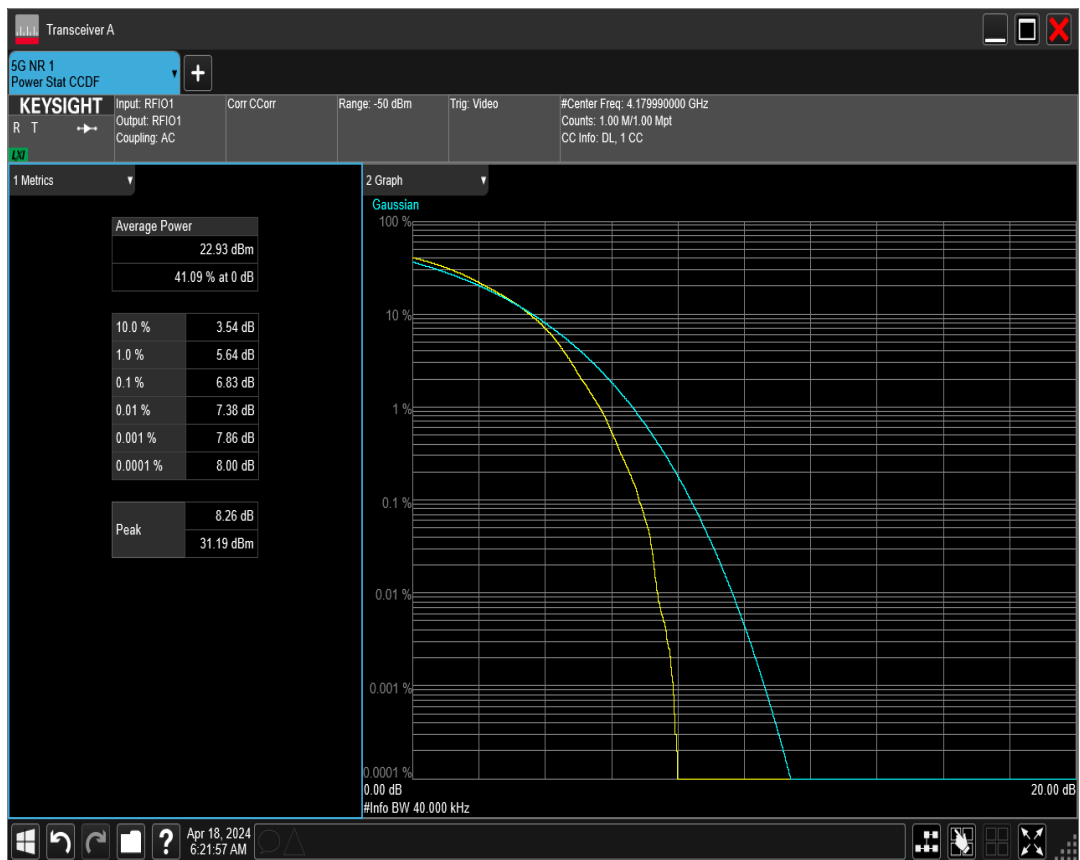
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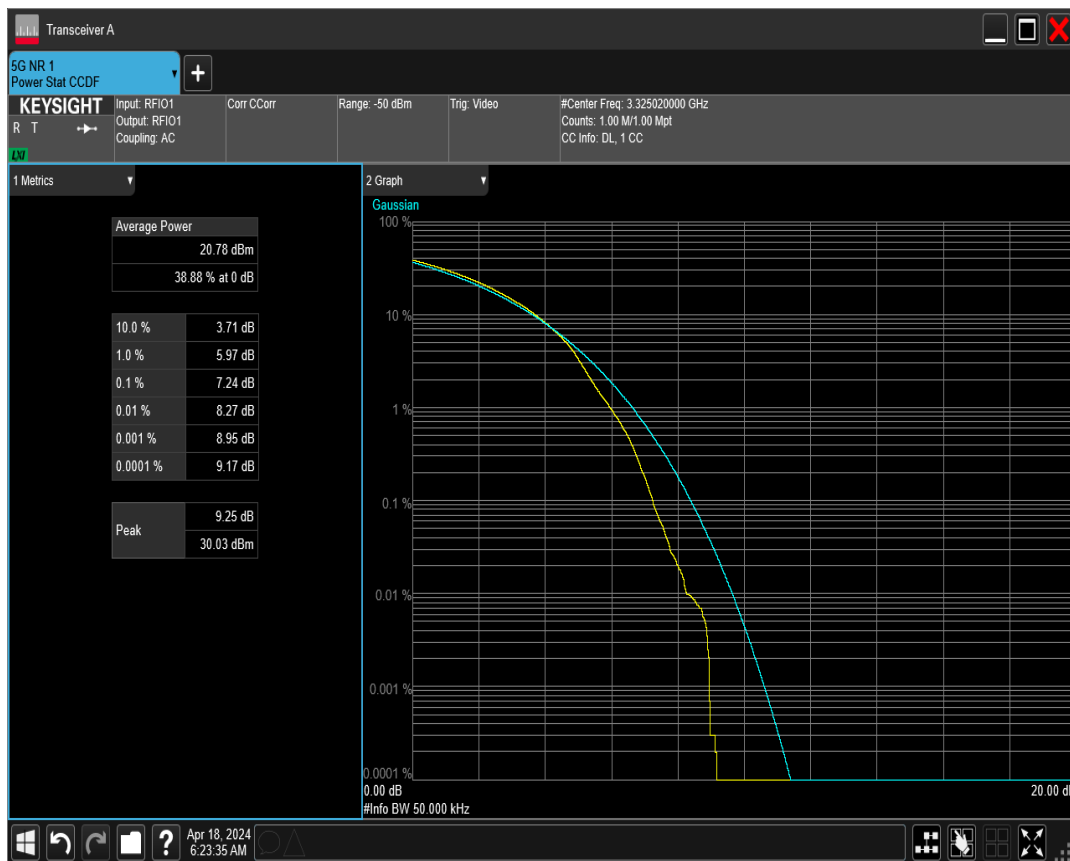
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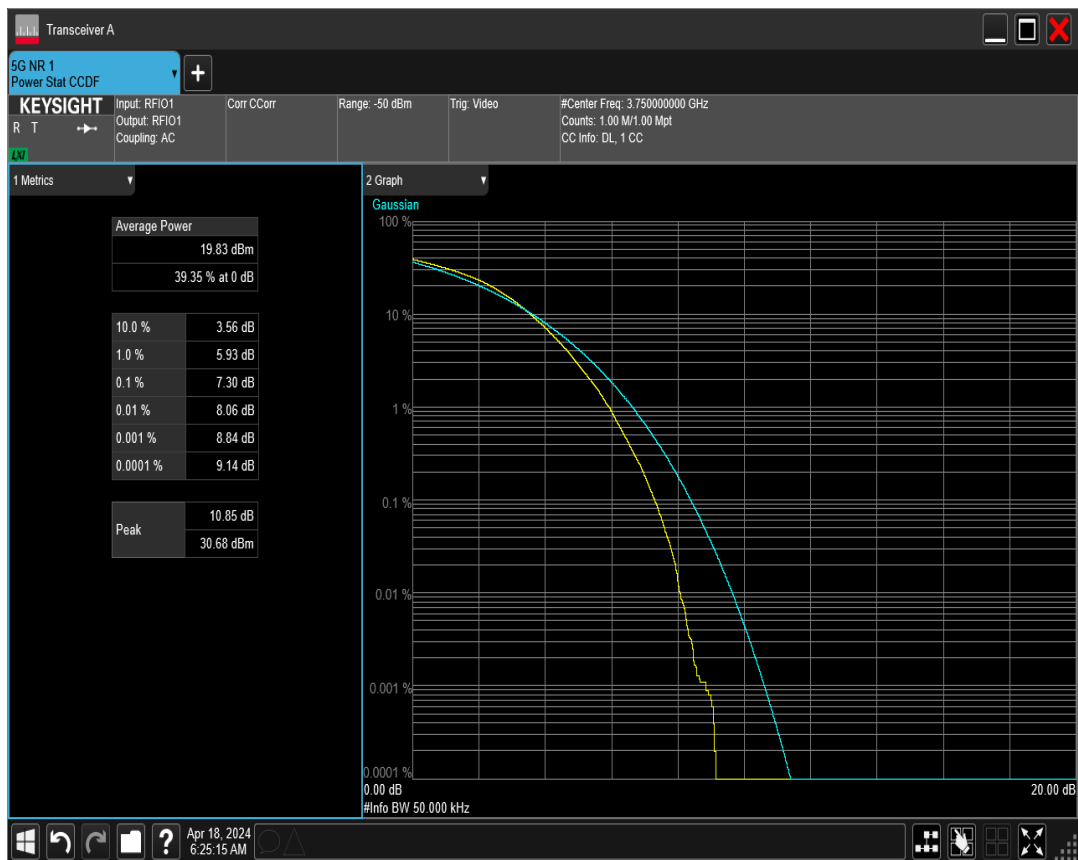
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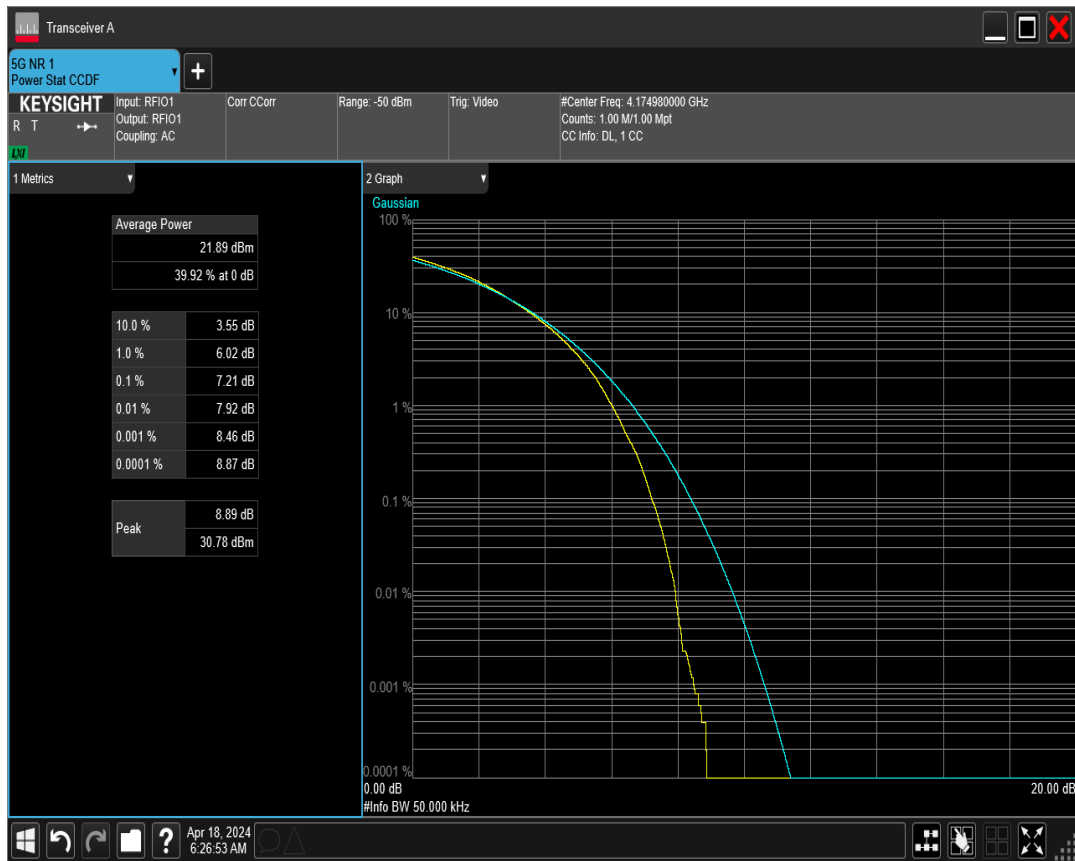
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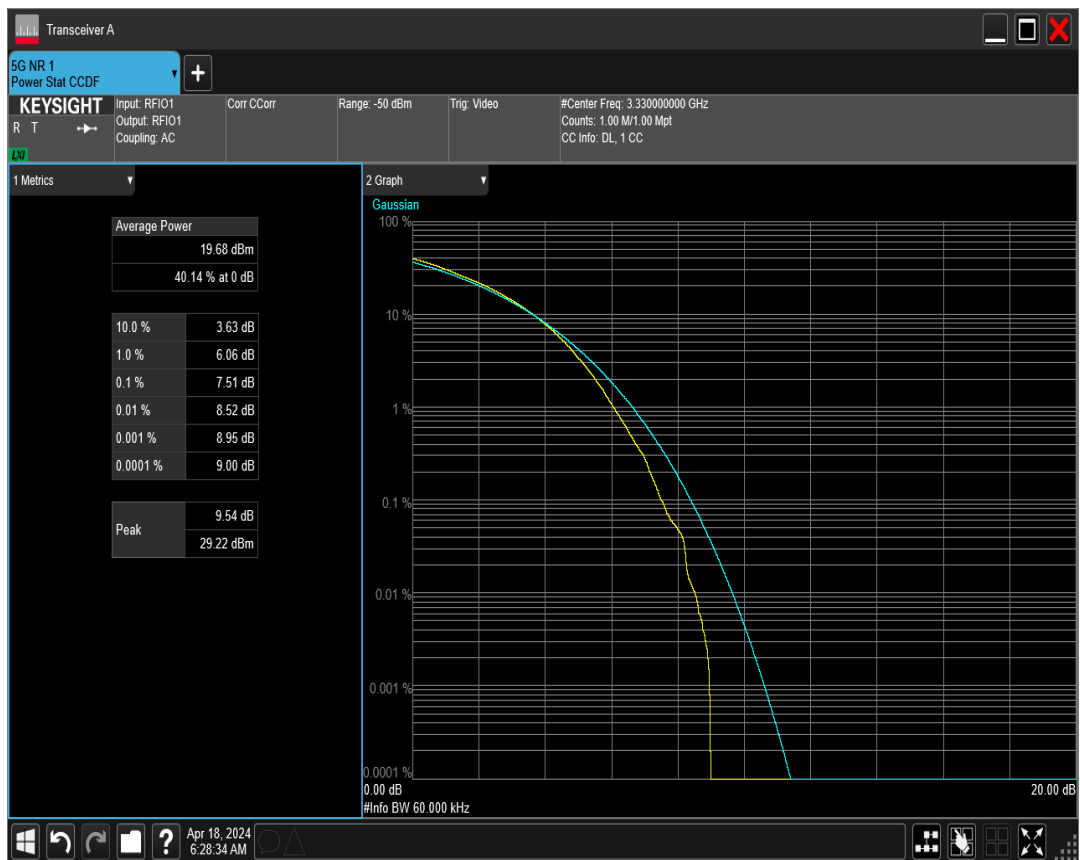
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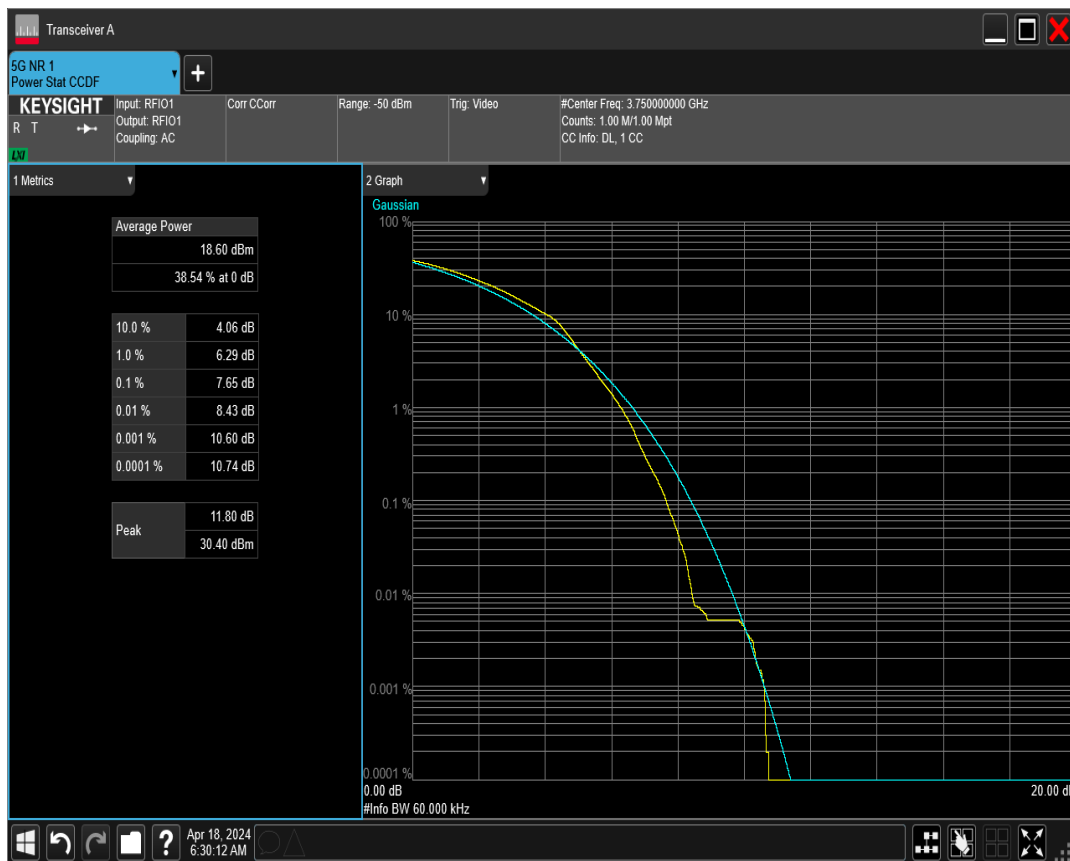
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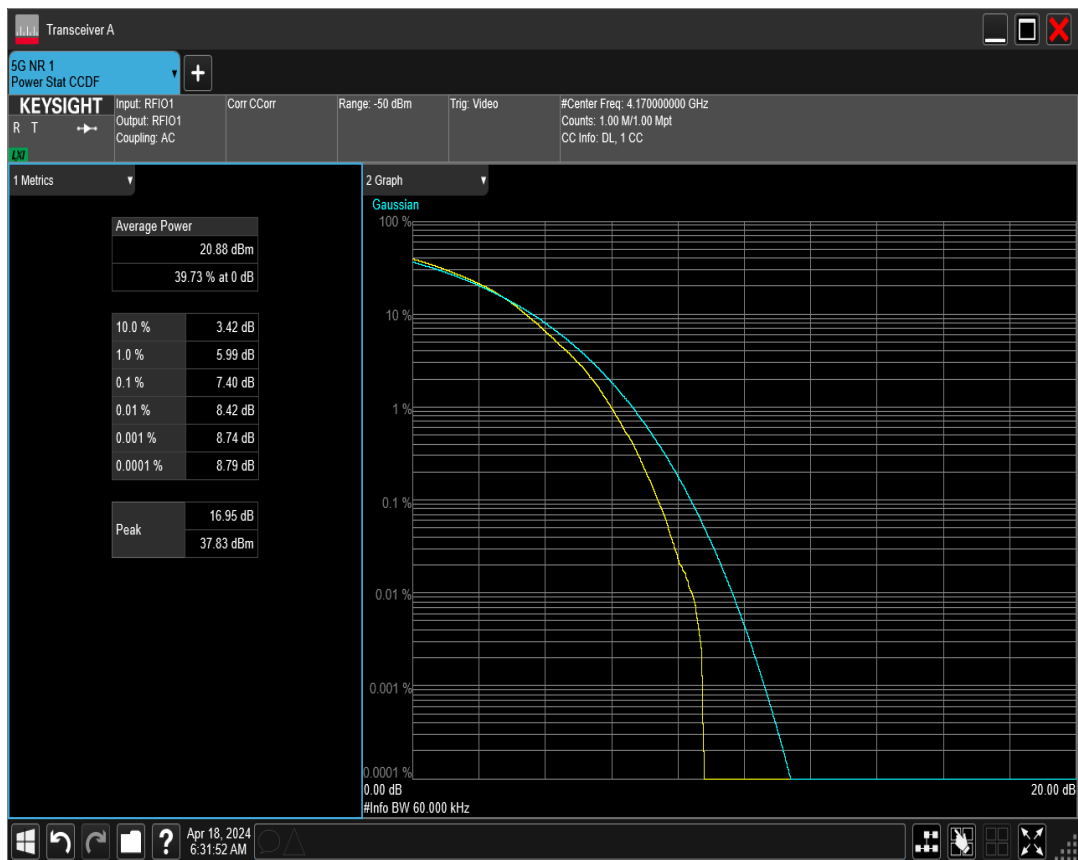
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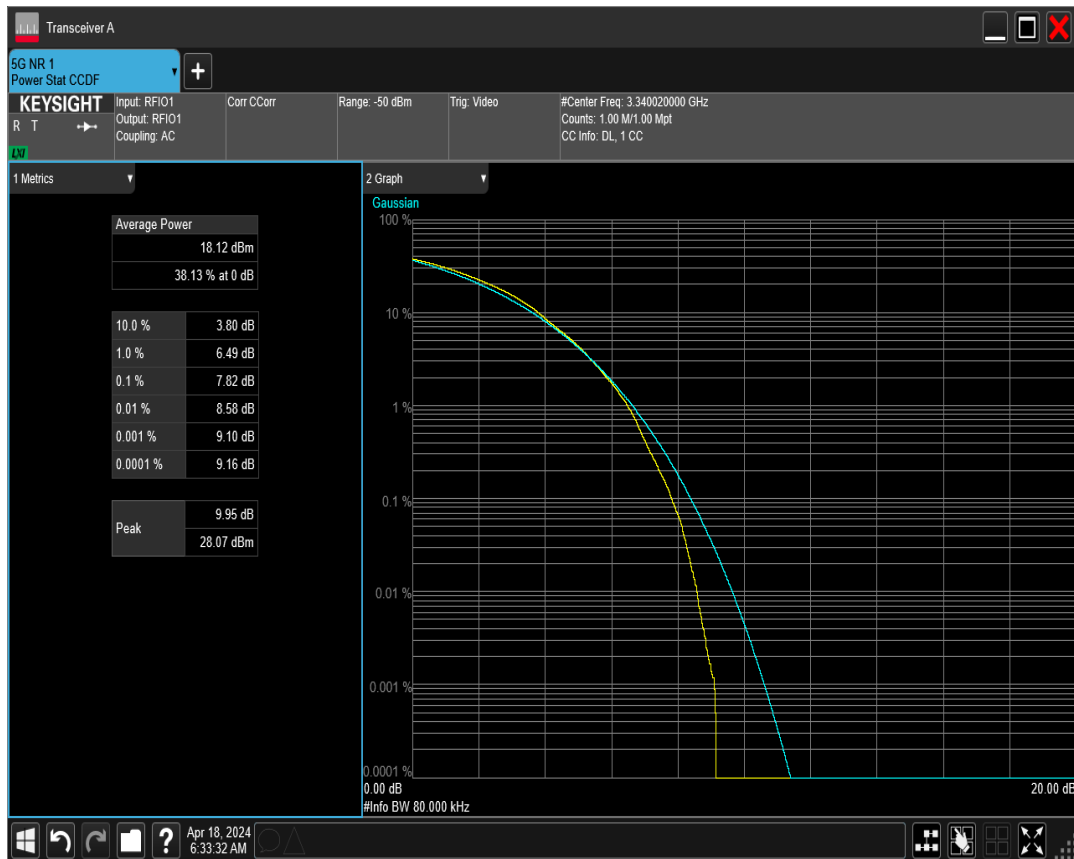
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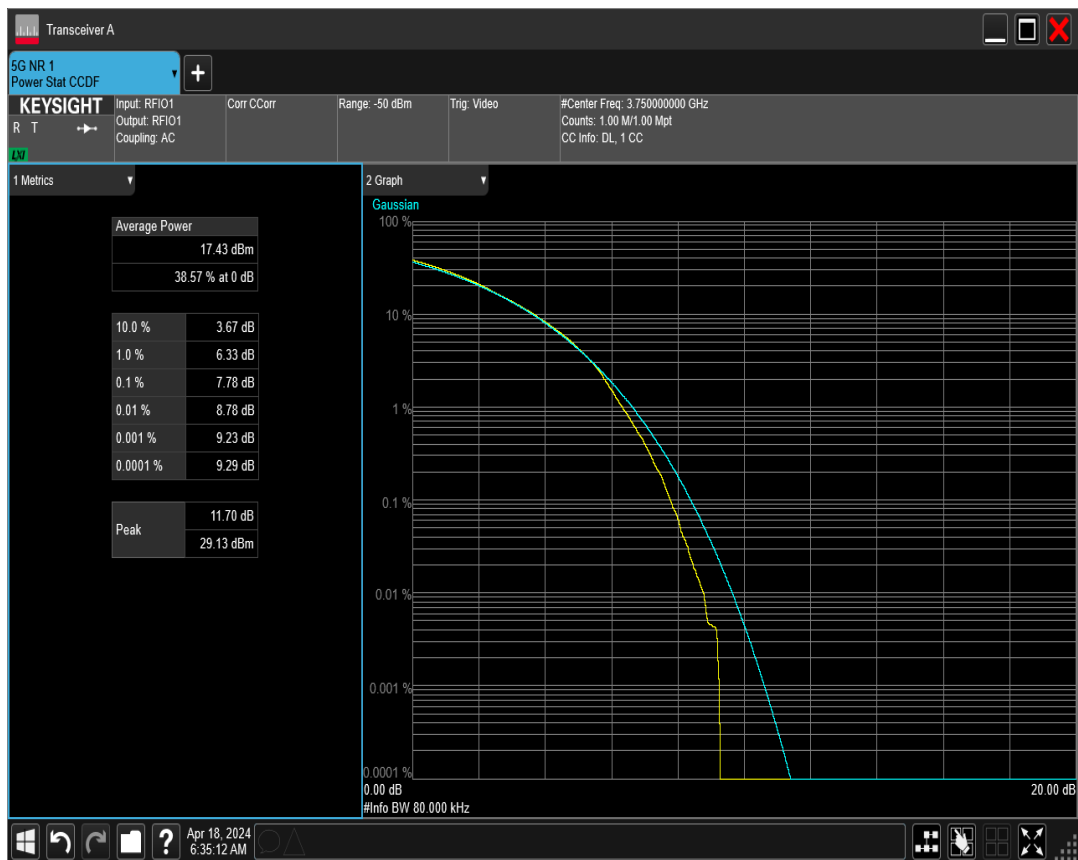
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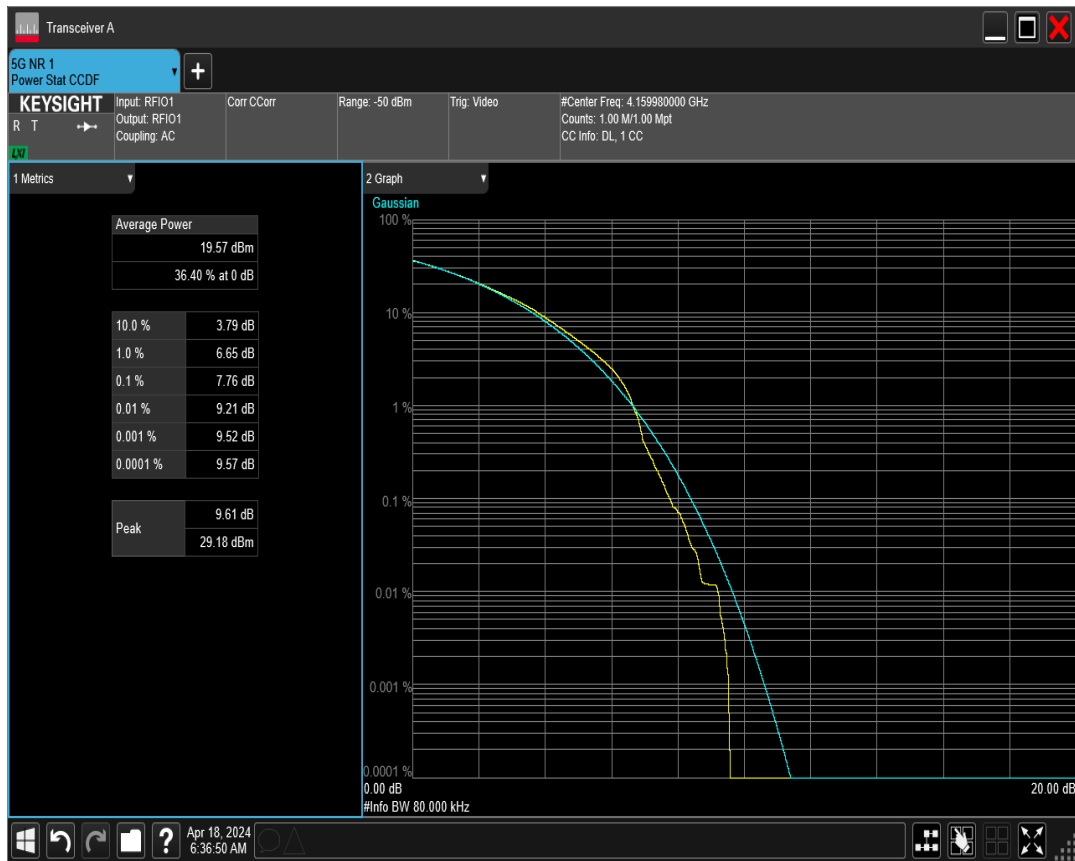
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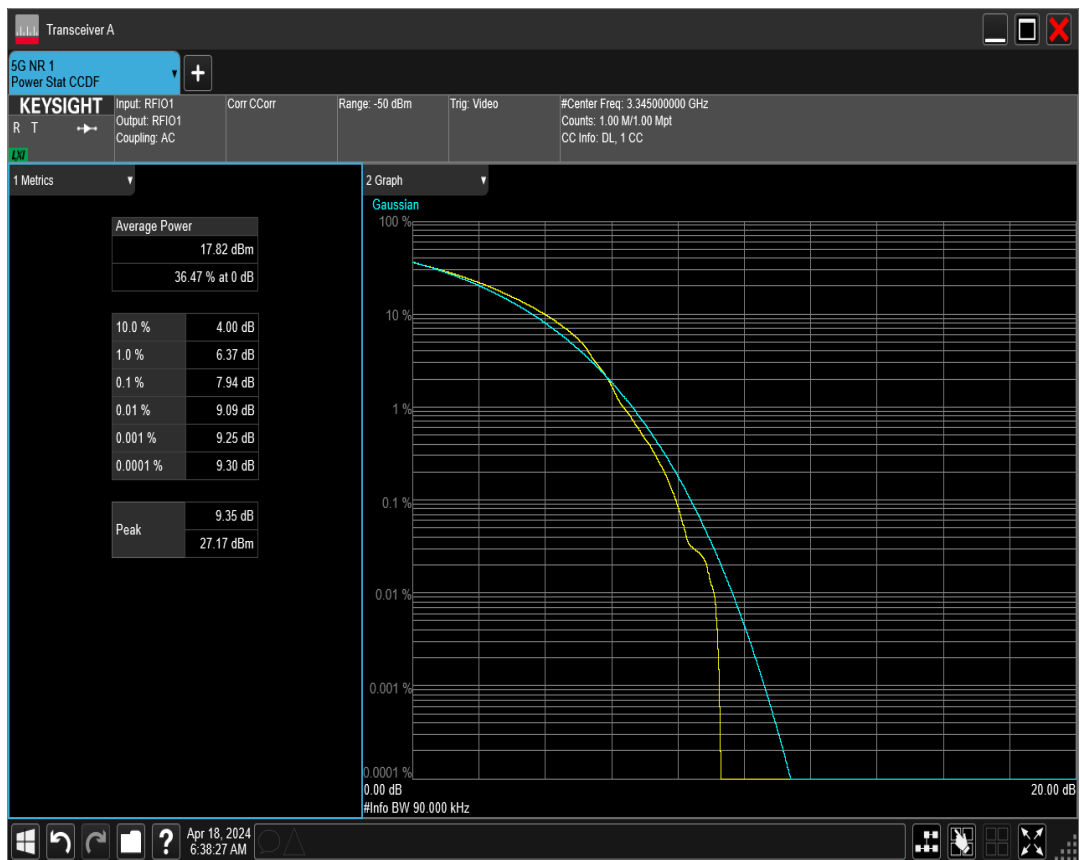
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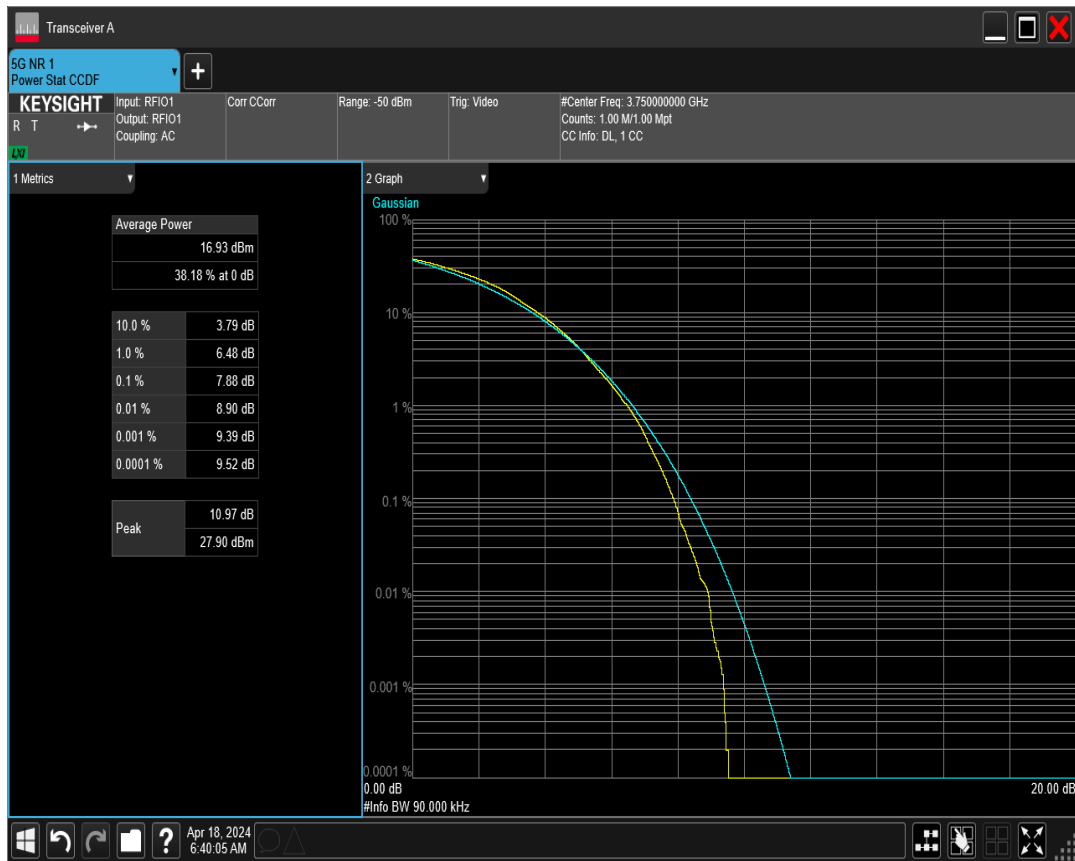
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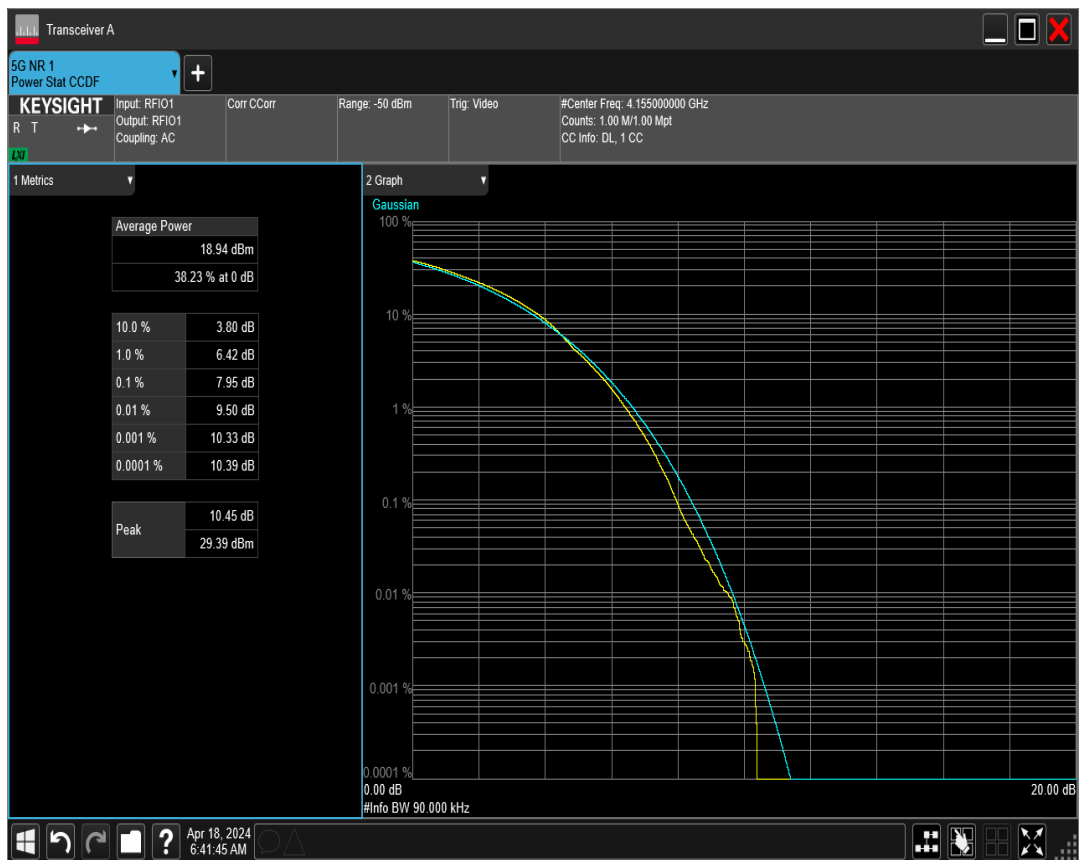
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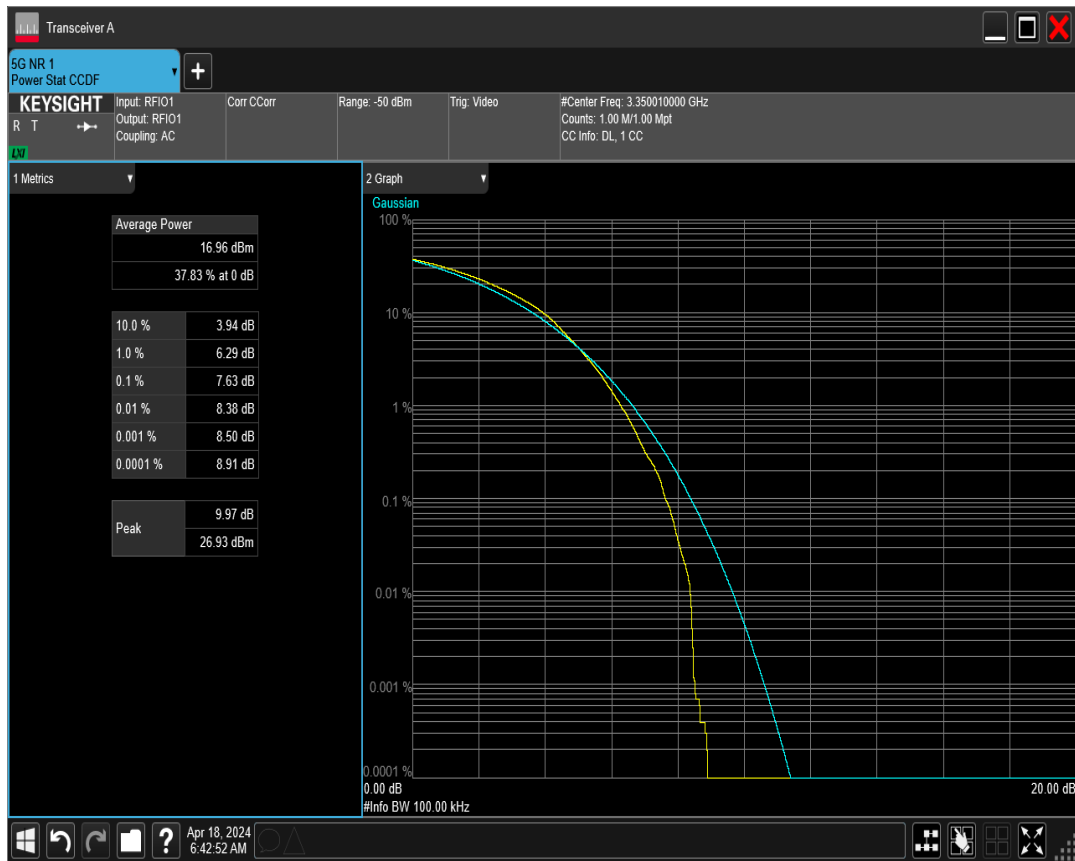
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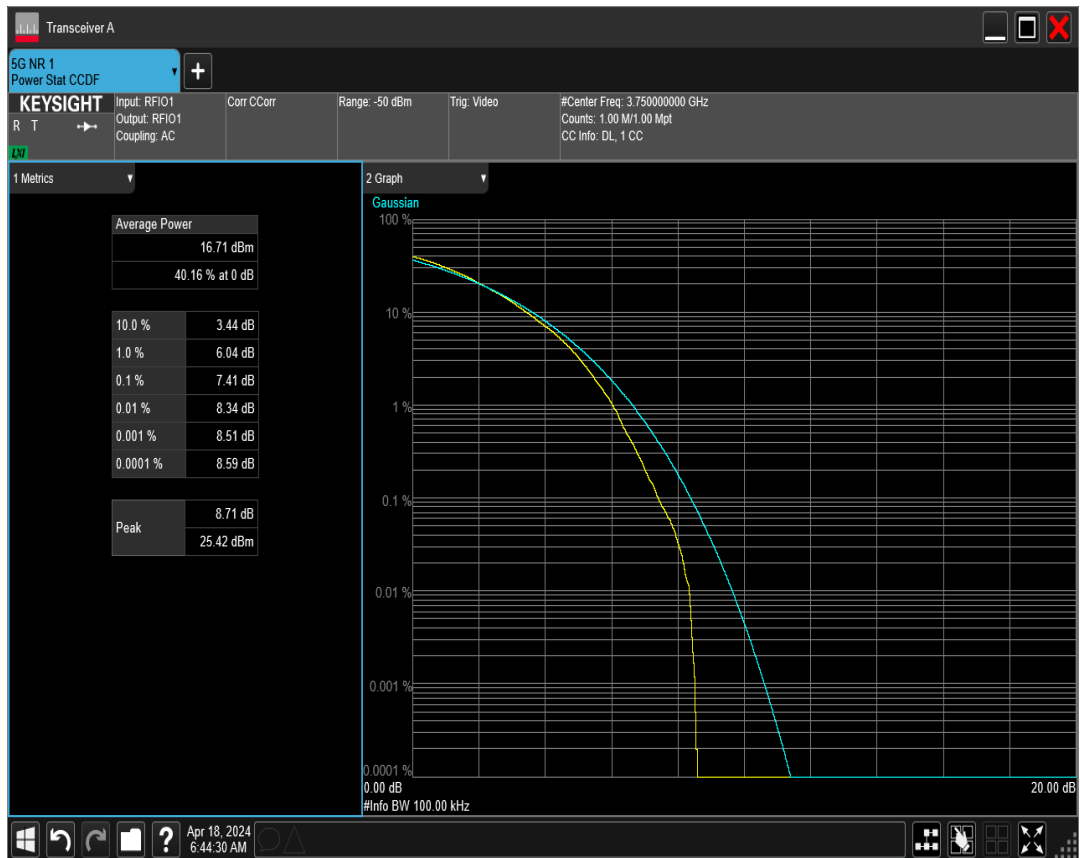
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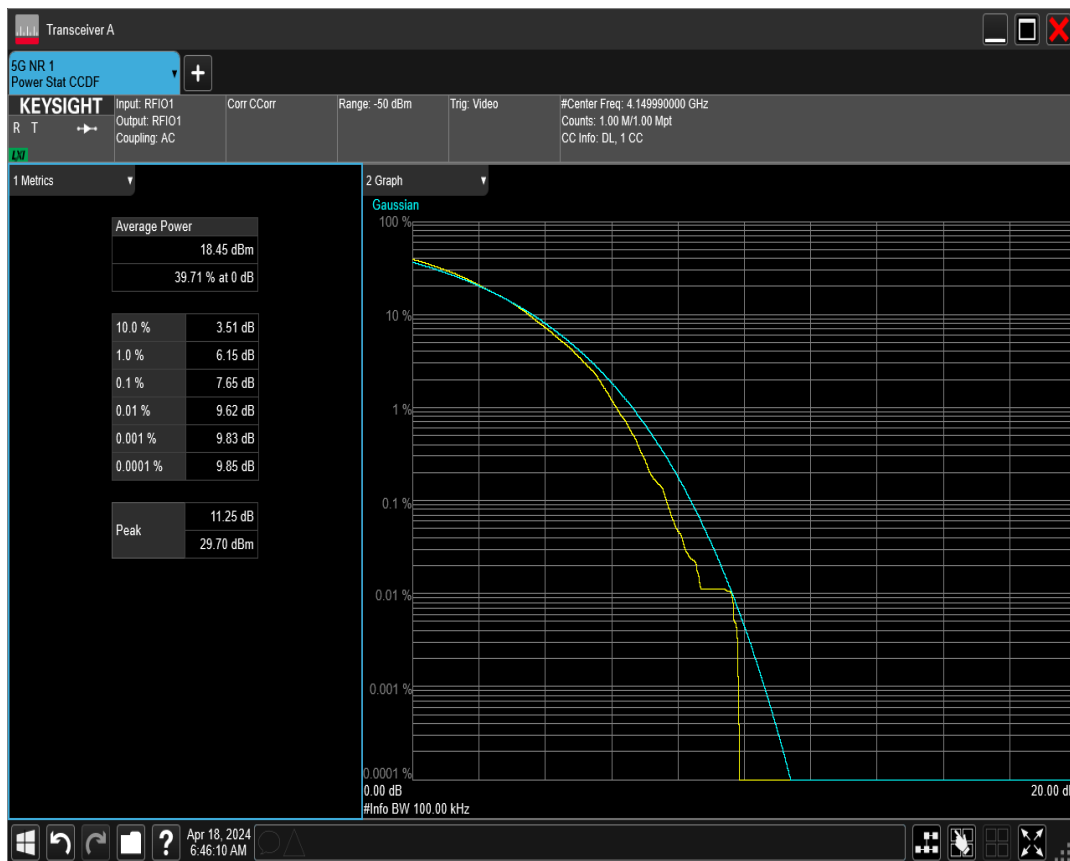
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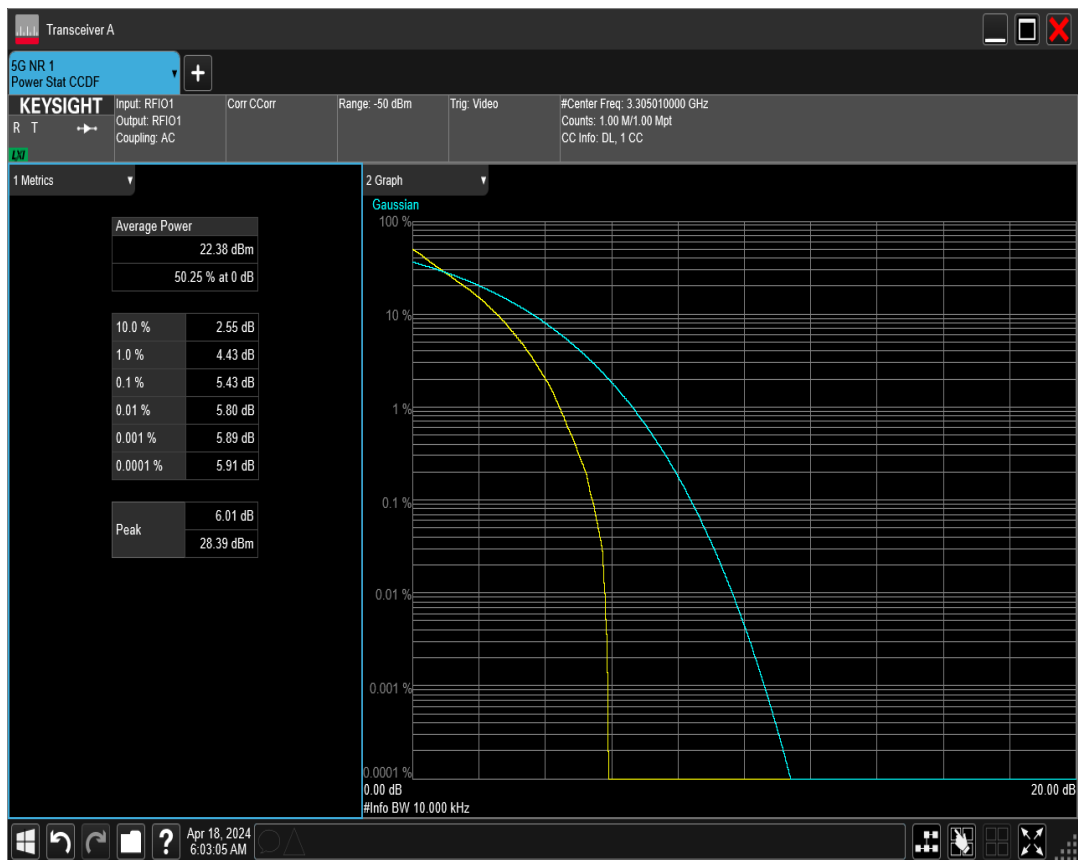
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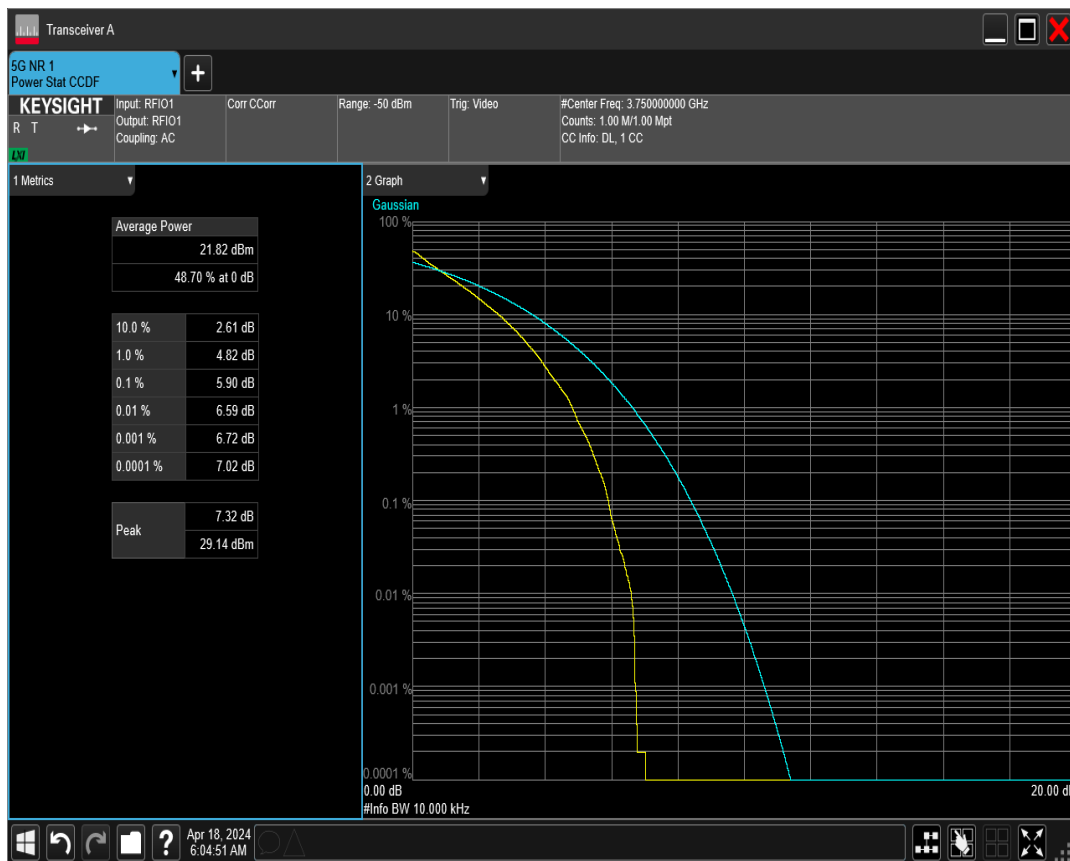
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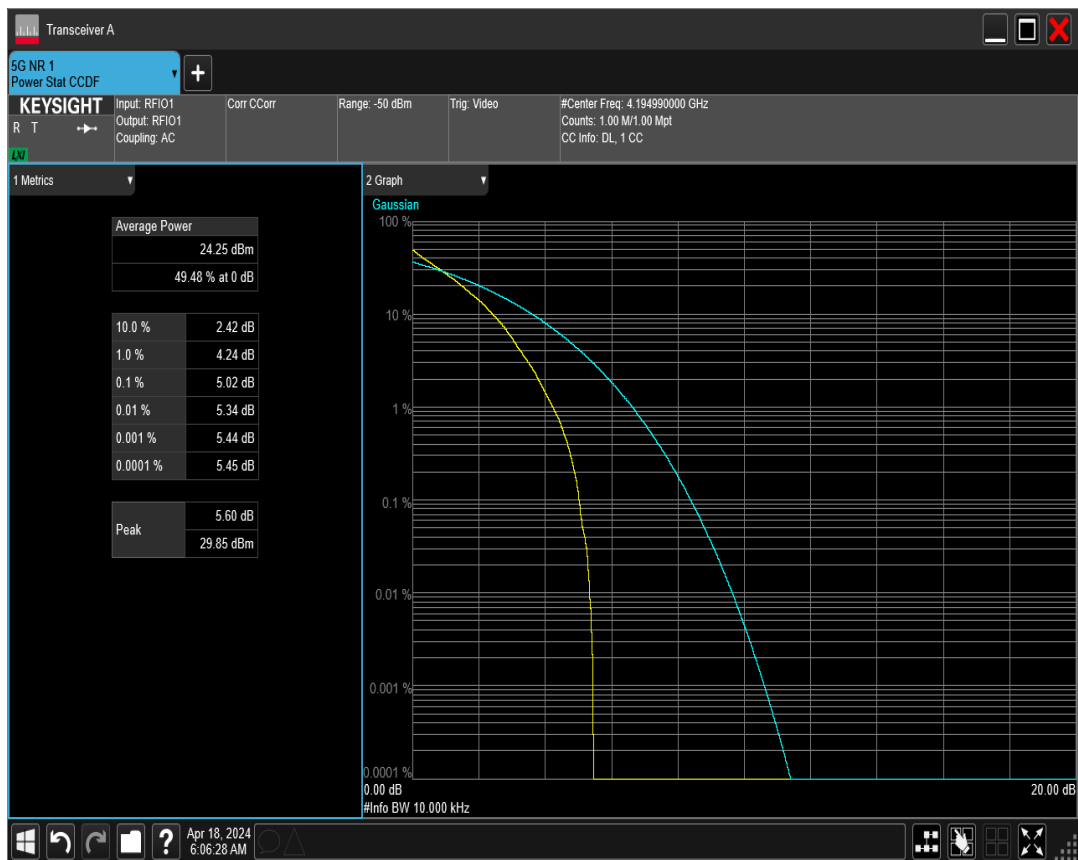
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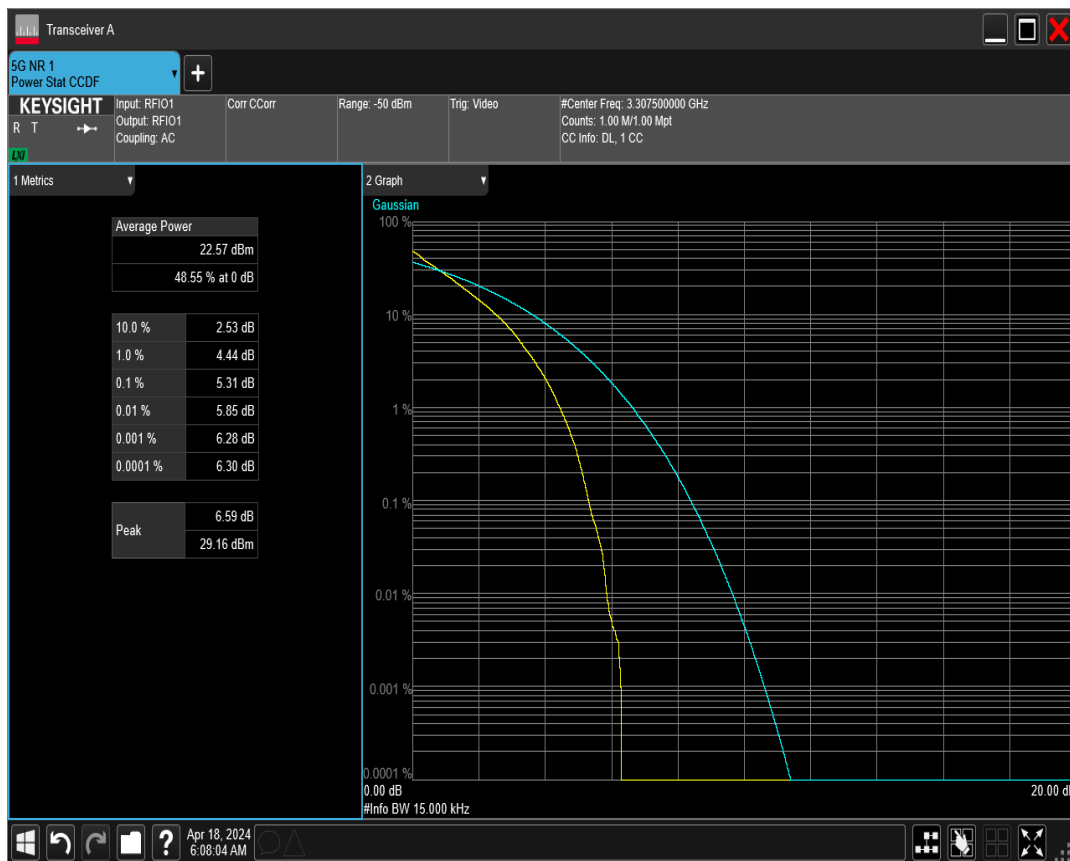
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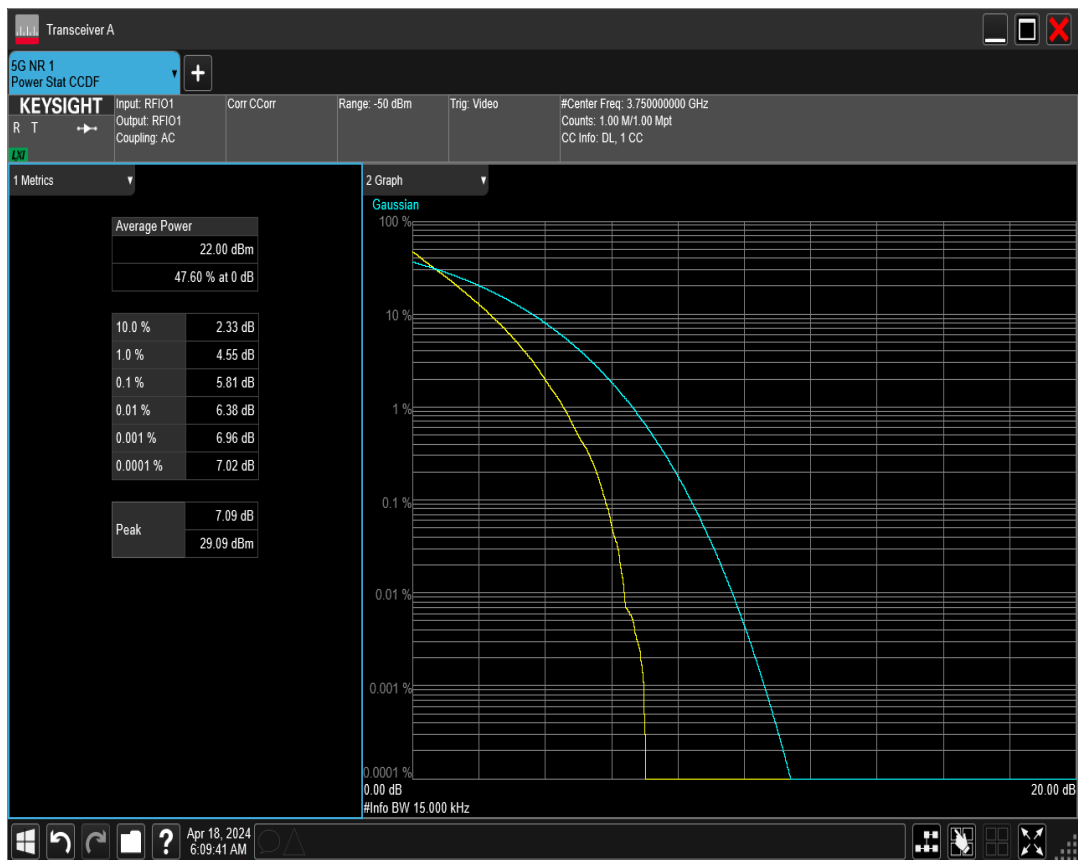
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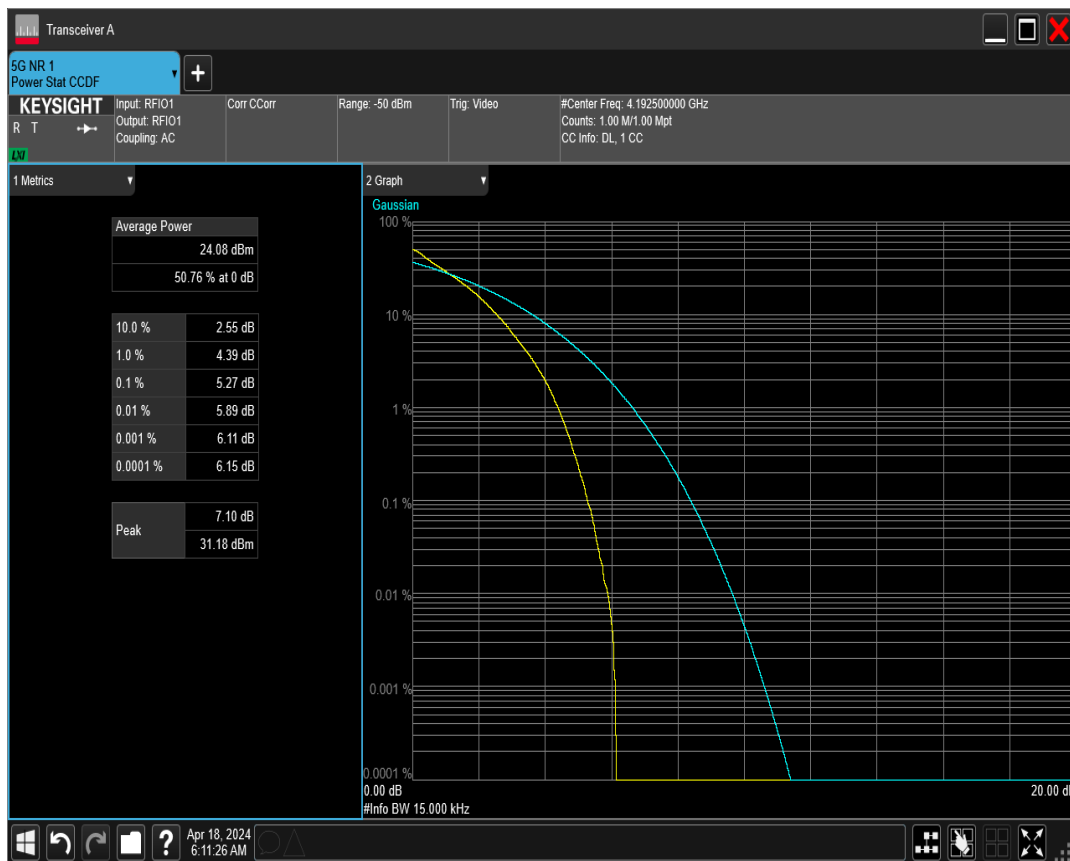
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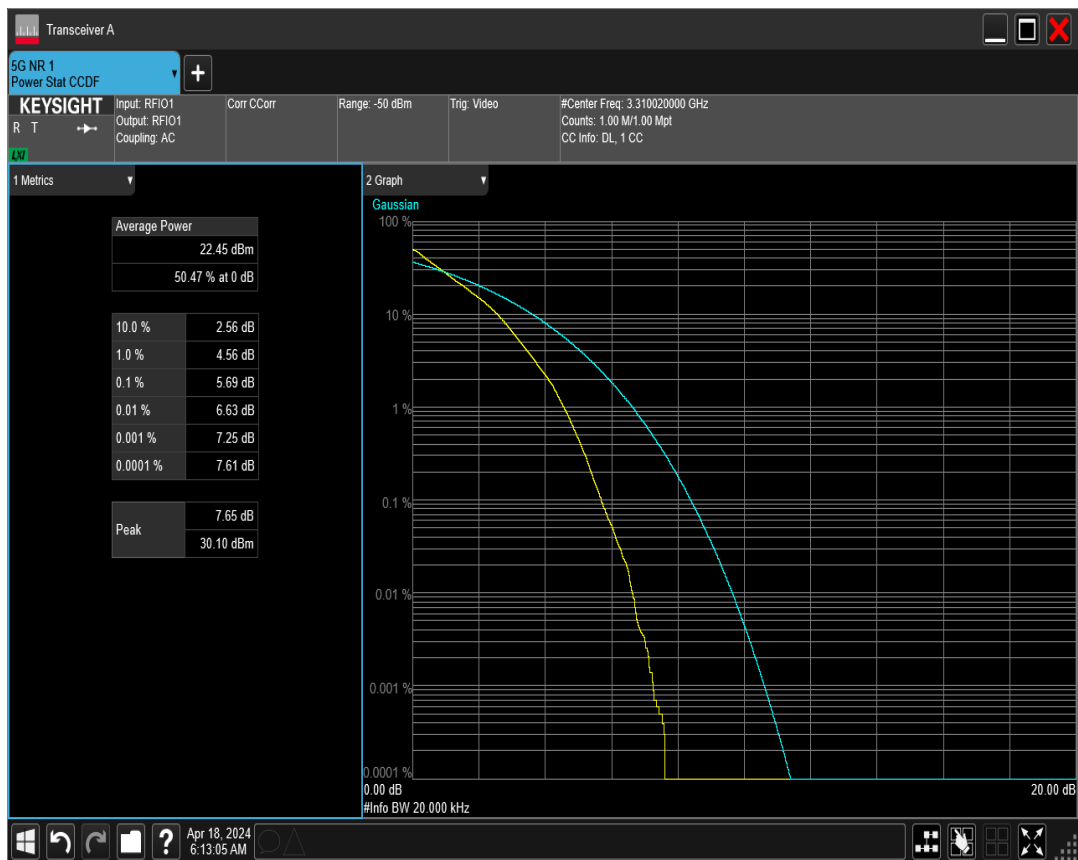
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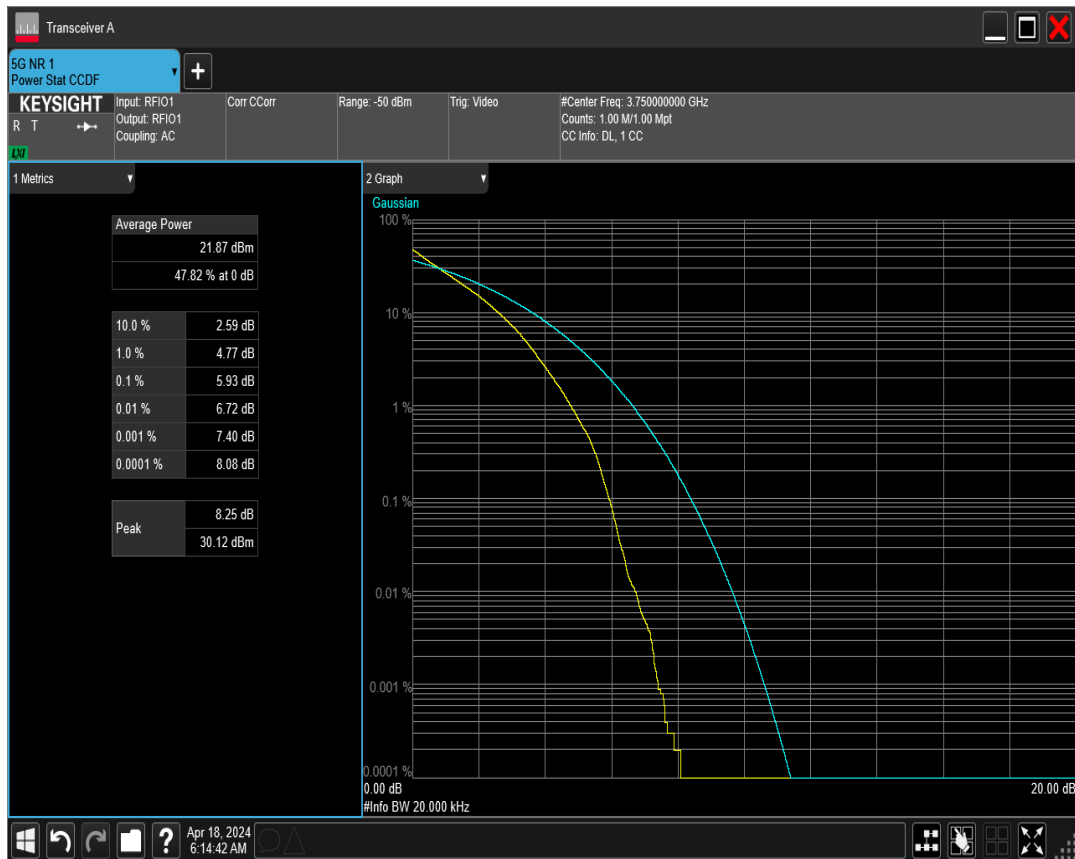
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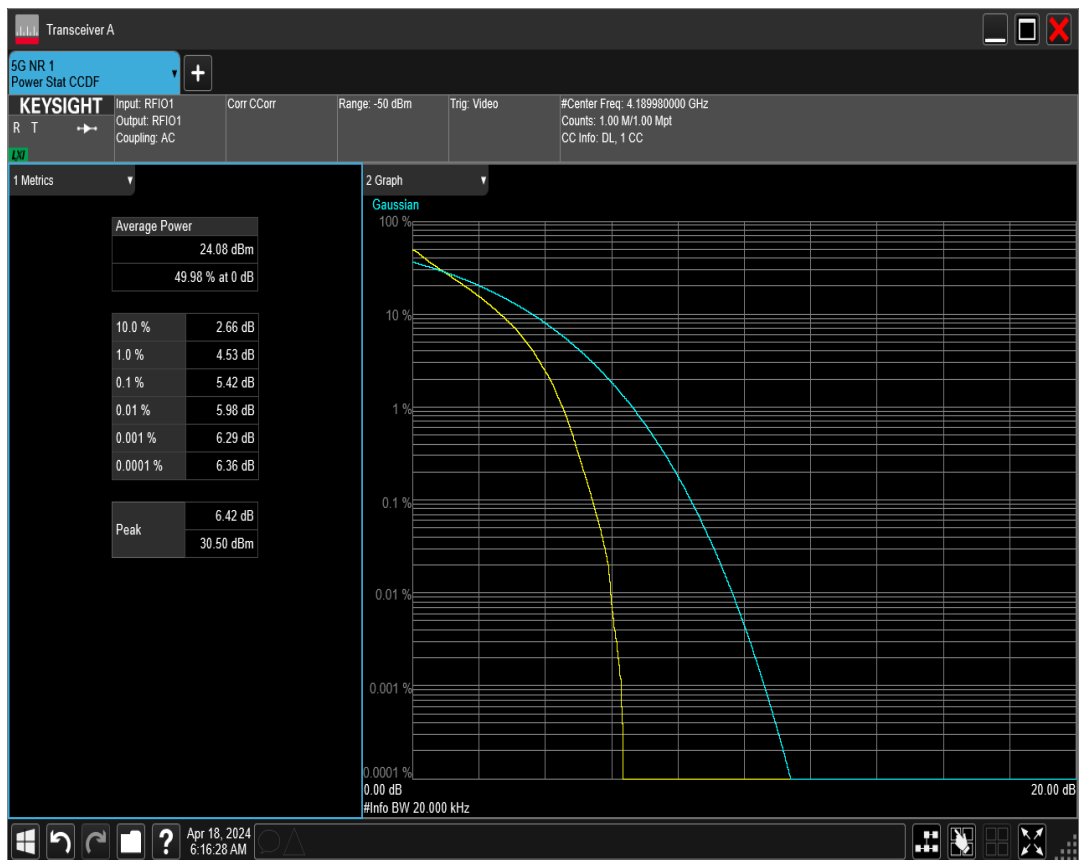
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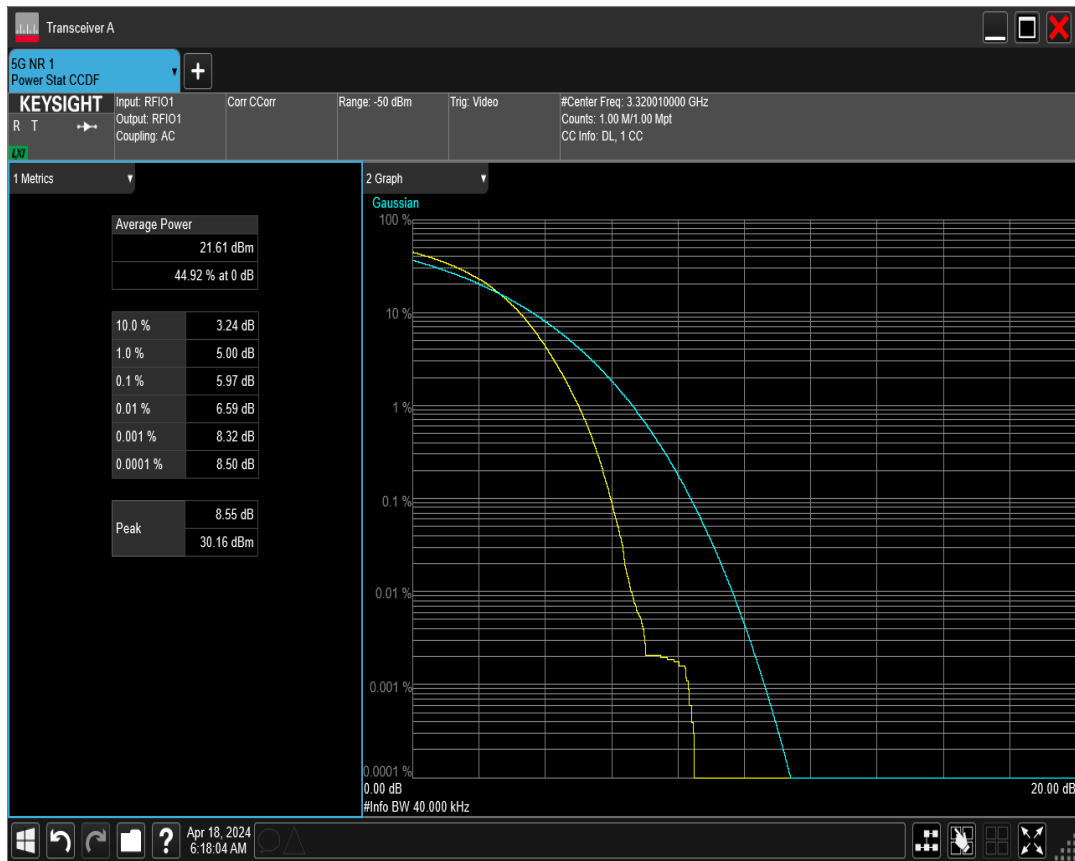
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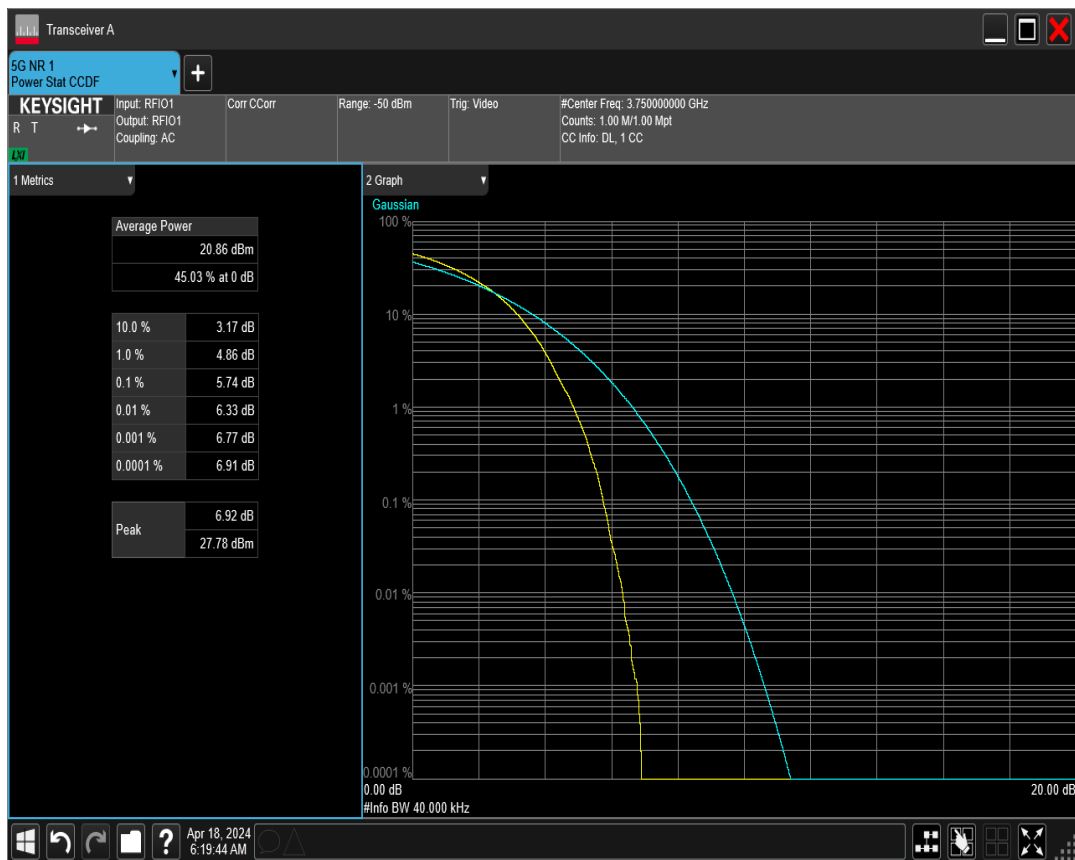
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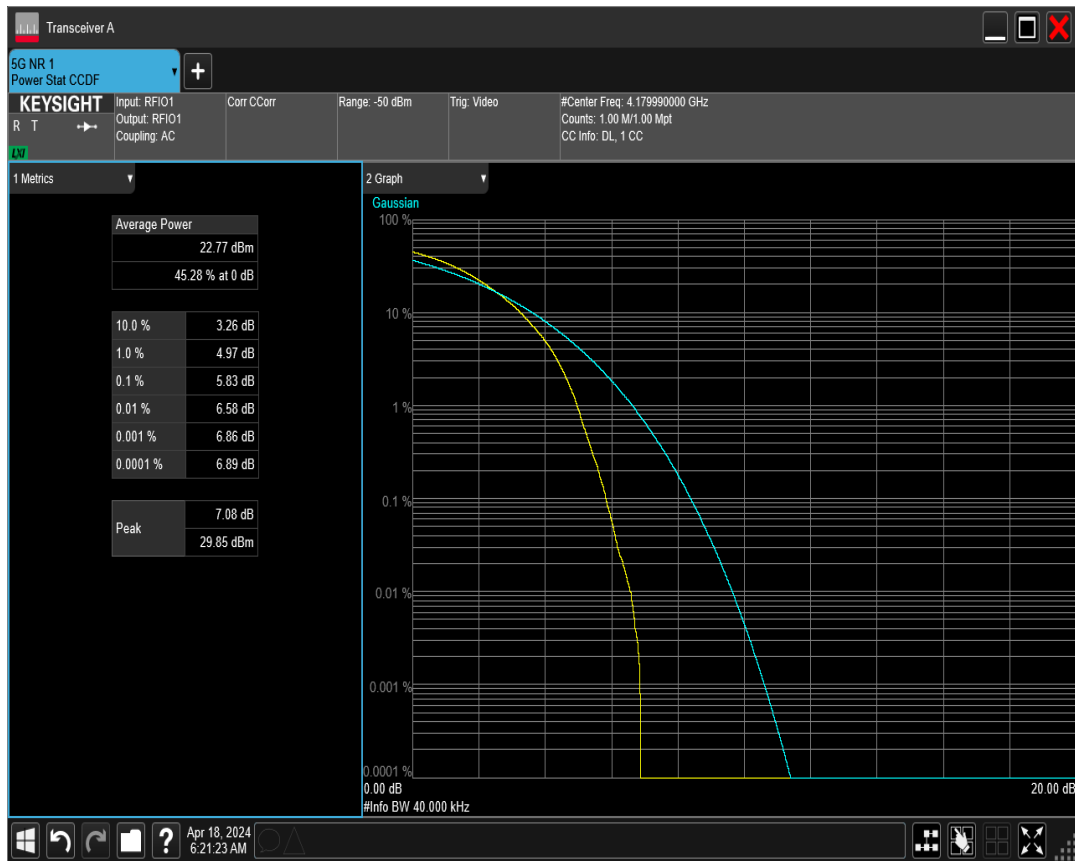
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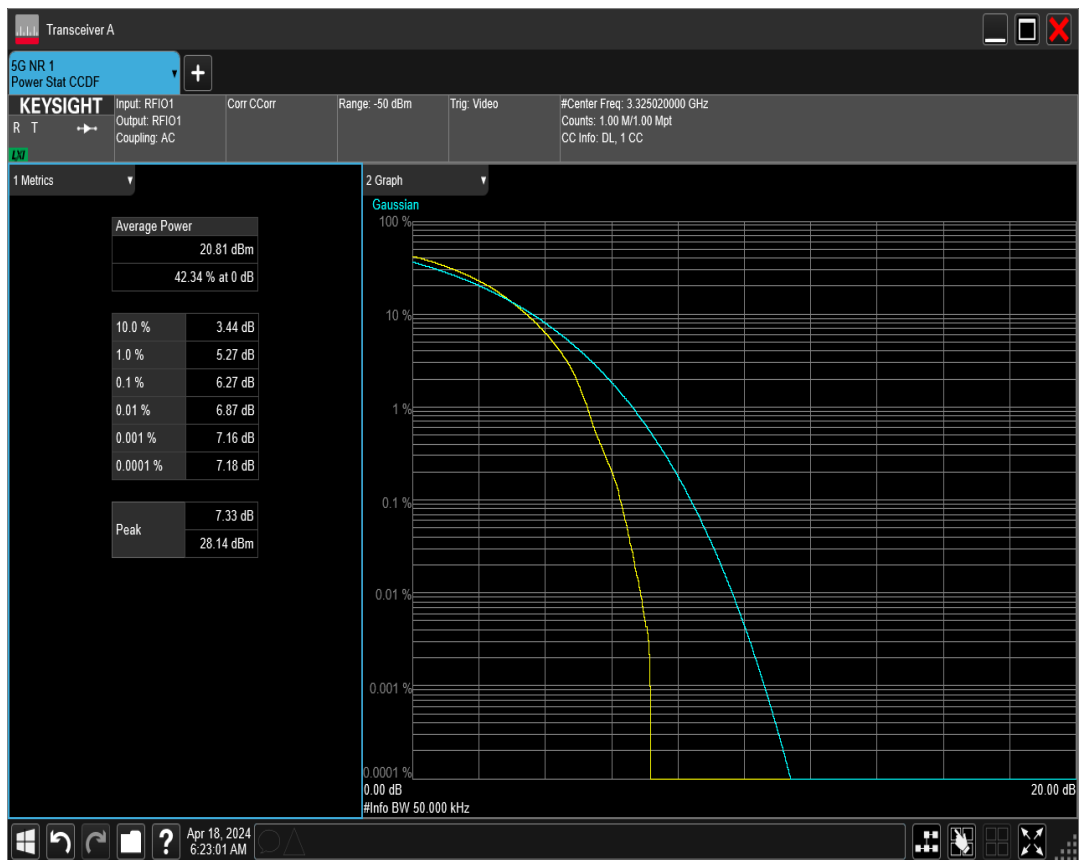
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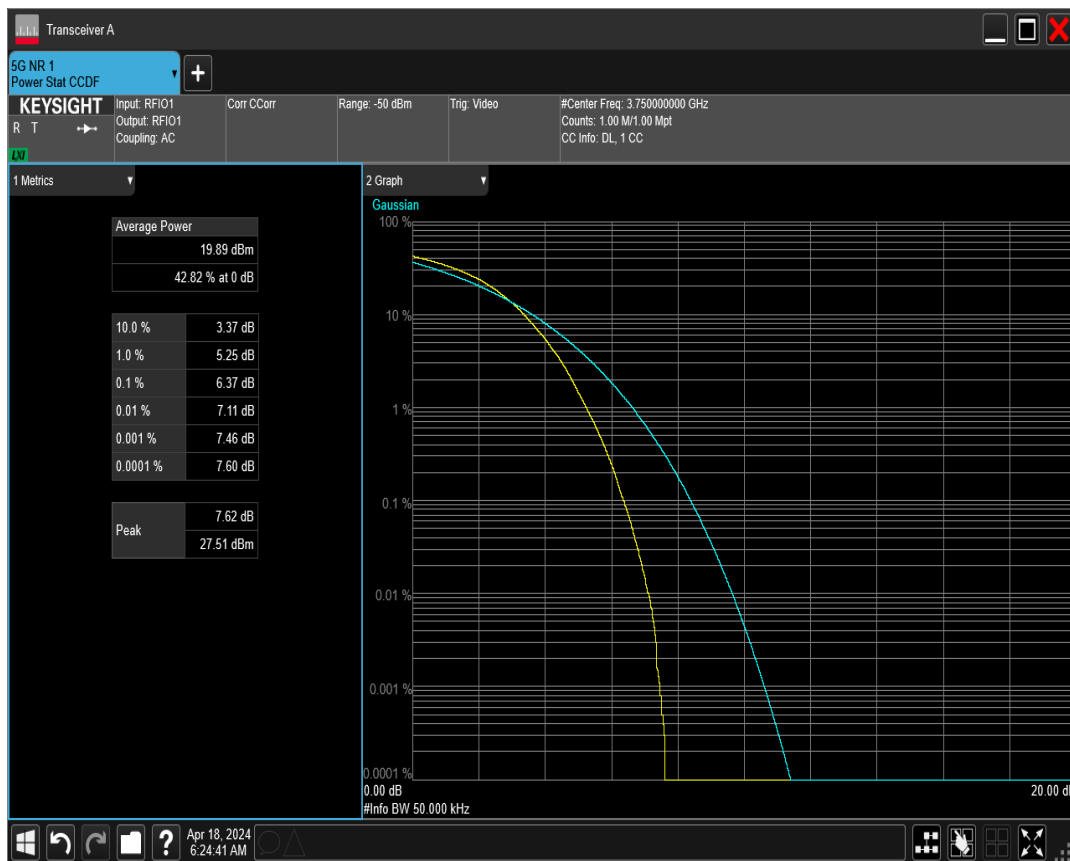
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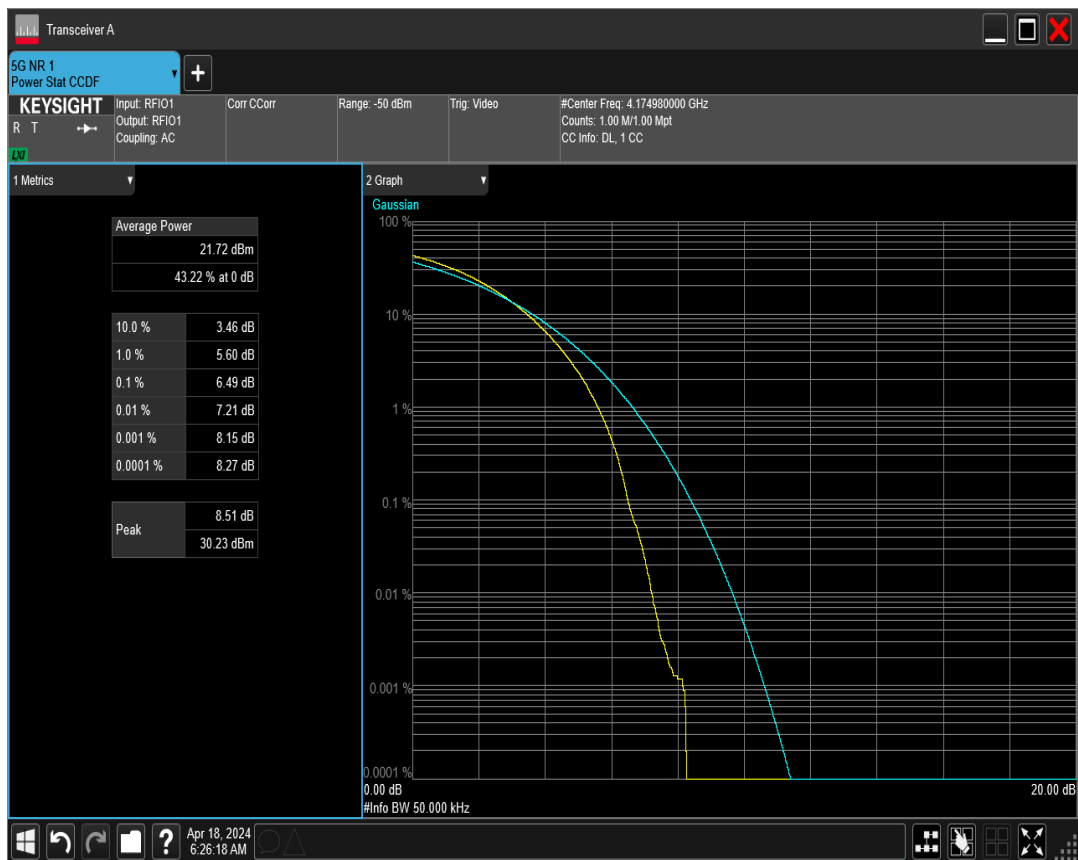
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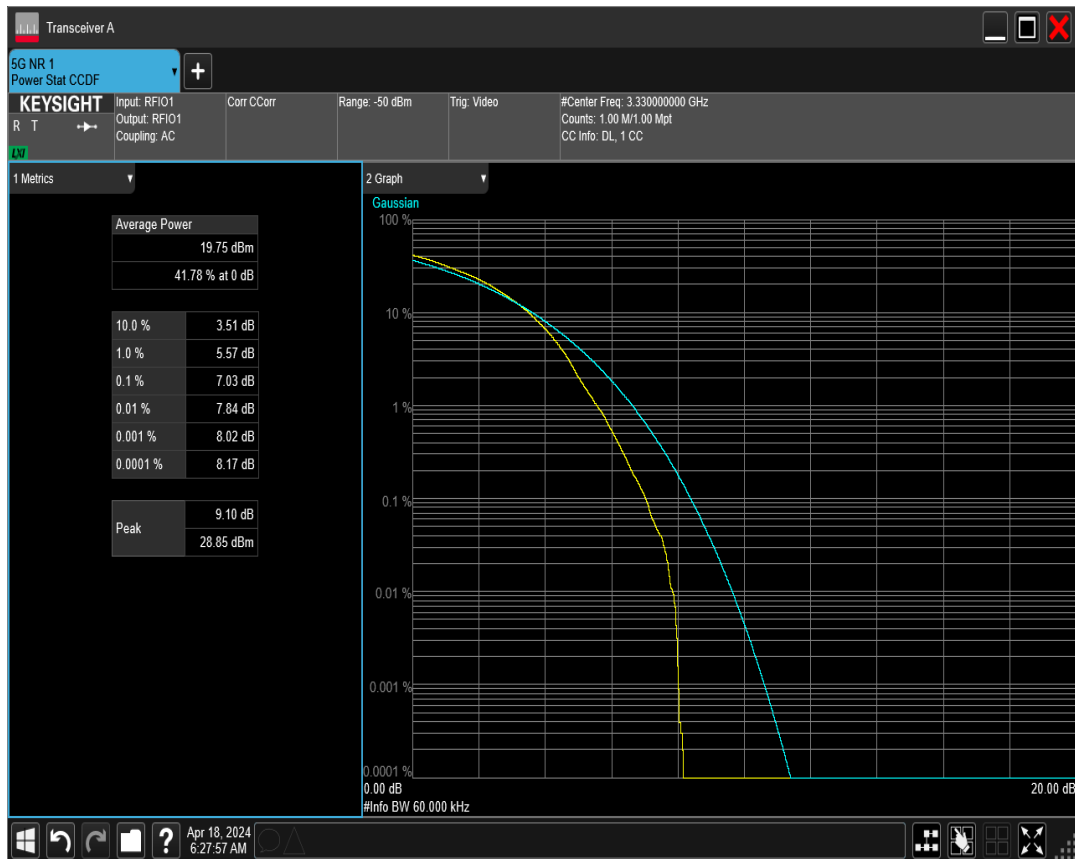
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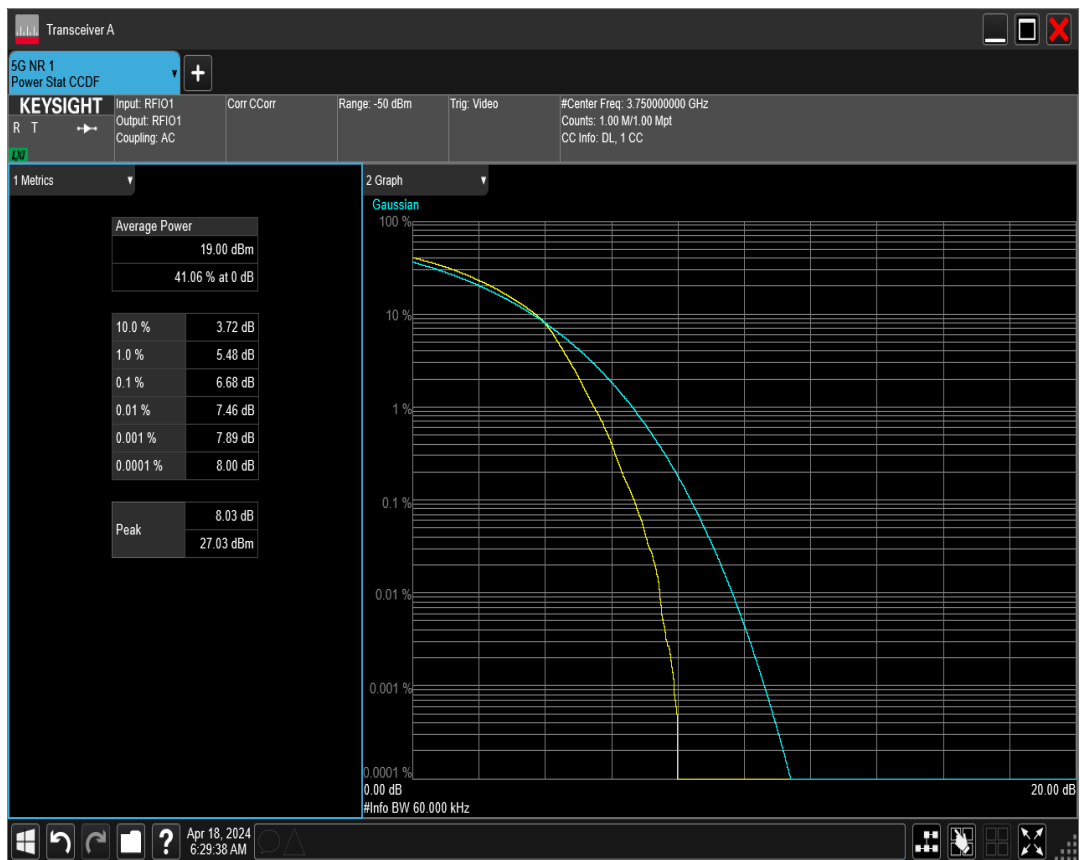
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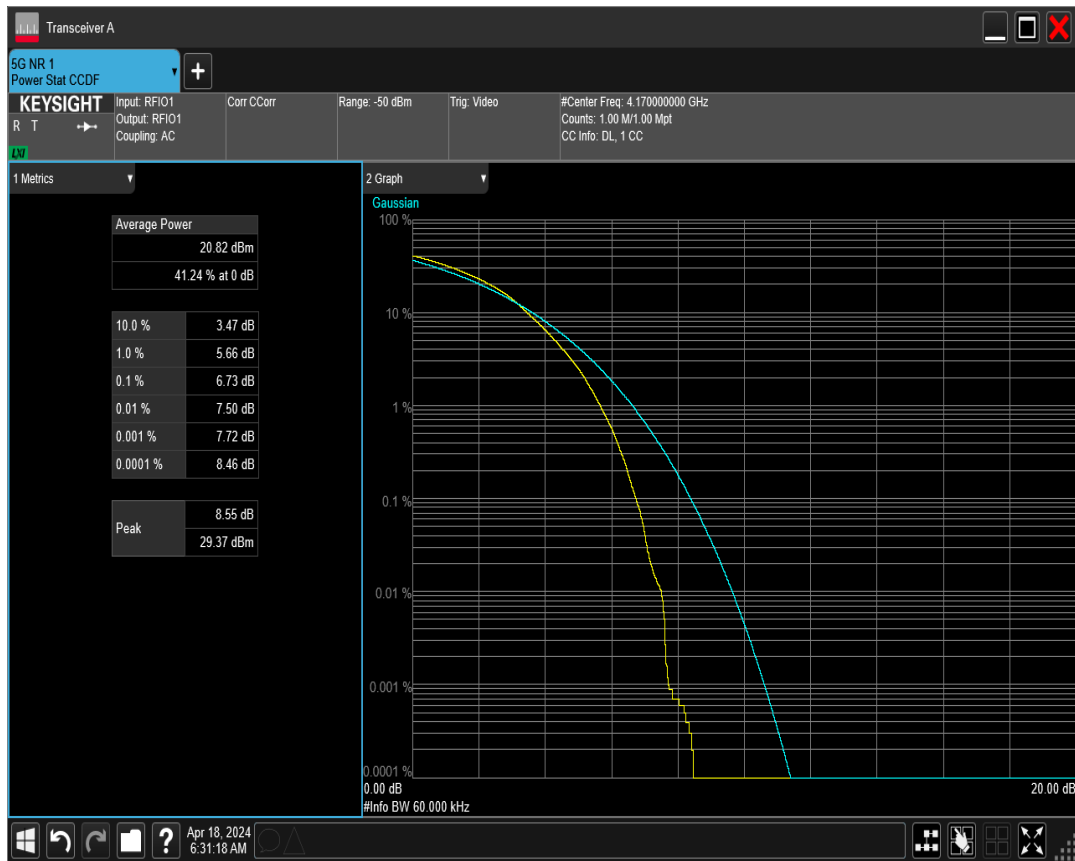
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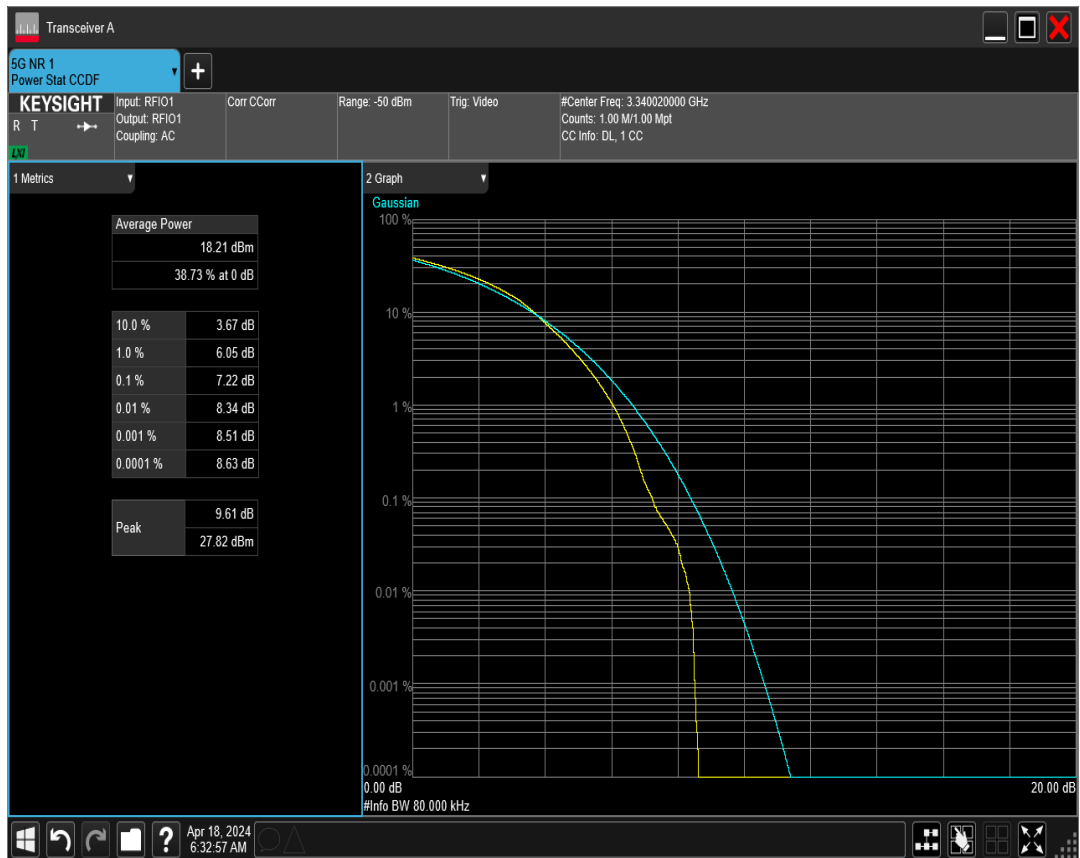
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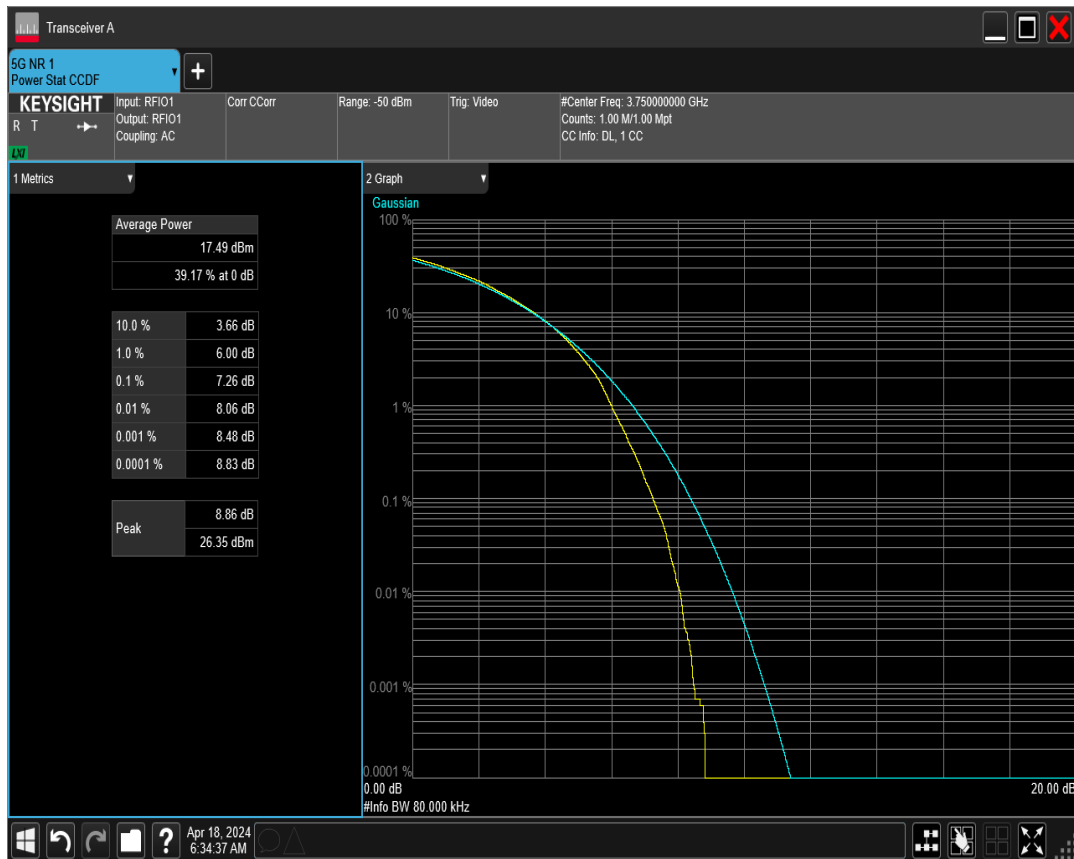
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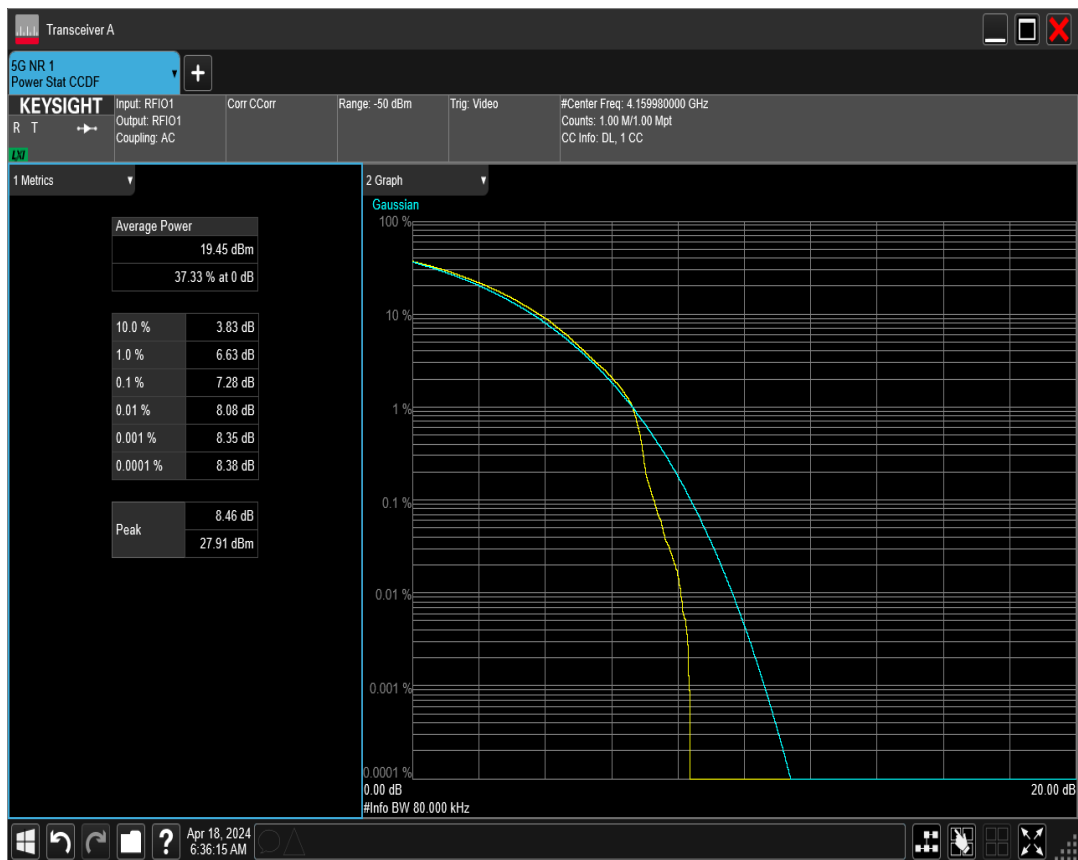
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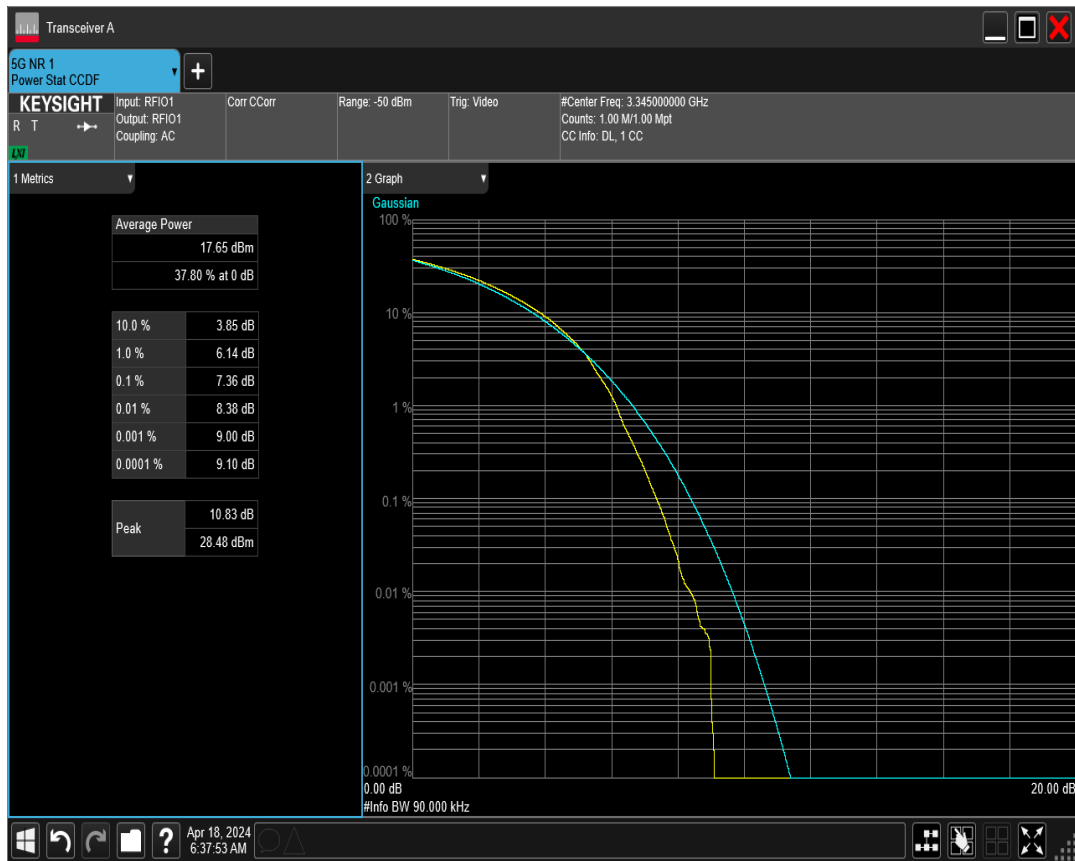
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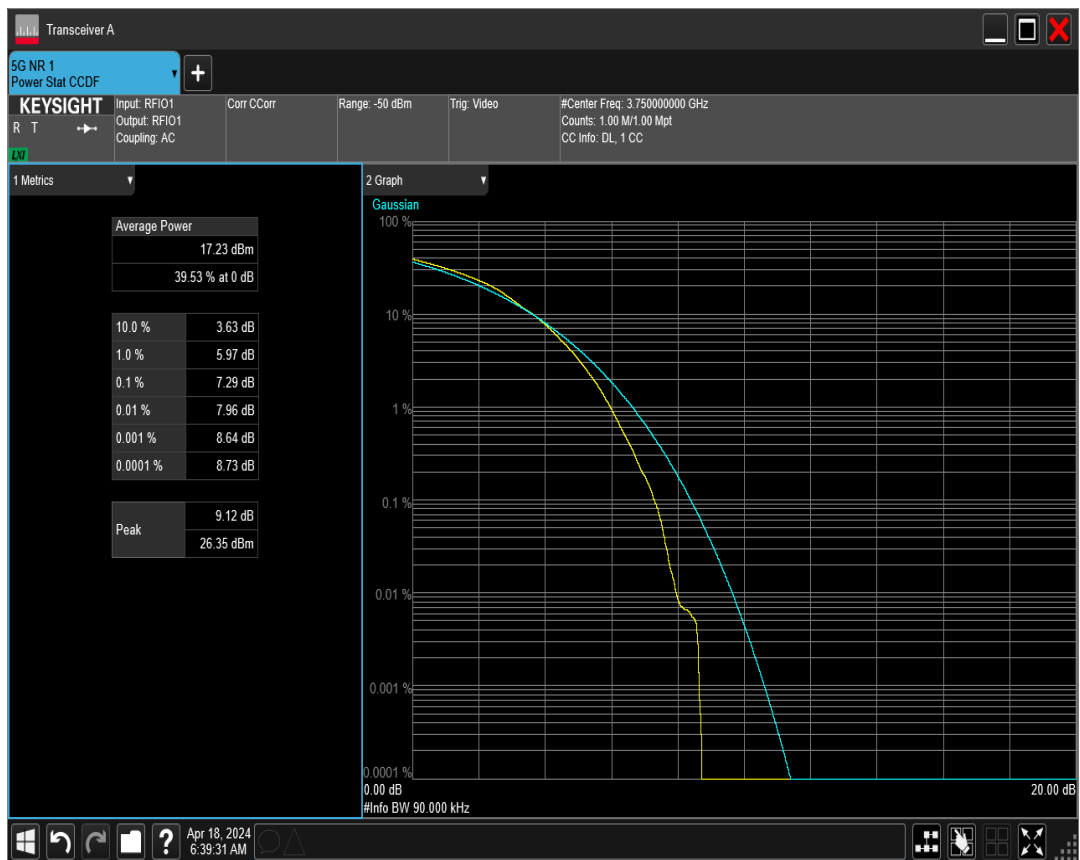
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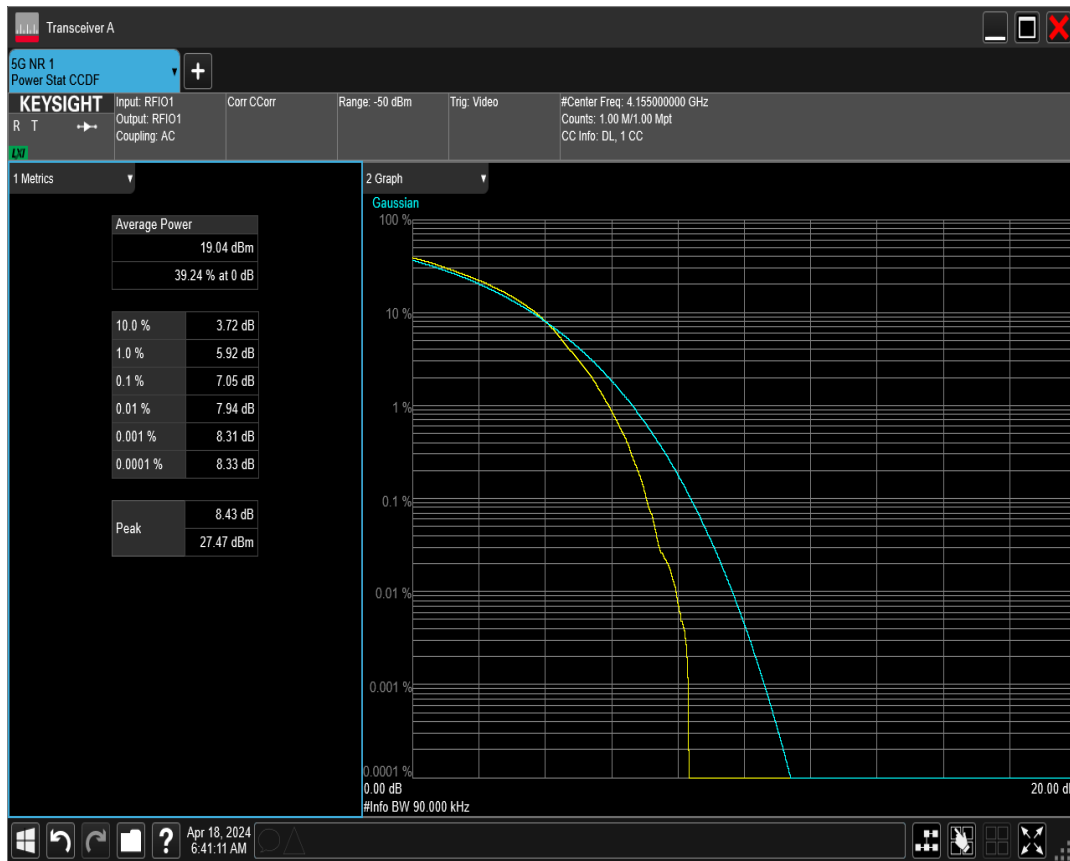
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n77 SCS=30kHz DFT\_QPSK BW=90MHz Channel=650000 RB=240@0



n77 SCS=30kHz DFT\_QPSK BW=90MHz Channel=677000 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 |
|------|-----------|-----------------|------------|---------------|------------|---------------|-----------------|---------|
| n77  | 30        | 10              | 650000     | 24@0          | DFT_BPSK   | 8.560         | 8.910           | PASS    |
| n77  | 30        | 10              | 650000     | 24@0          | DFT_QPSK   | 8.560         | 8.940           | PASS    |
| n77  | 30        | 10              | 650000     | 24@0          | DFT_QAM16  | 8.560         | 9.000           | PASS    |
| n77  | 30        | 10              | 650000     | 24@0          | DFT_QAM64  | 8.540         | 8.930           | PASS    |
| n77  | 30        | 10              | 650000     | 24@0          | DFT_QAM256 | 8.560         | 8.930           | PASS    |
| n77  | 30        | 15              | 650000     | 36@0          | DFT_BPSK   | 13.450        | 13.270          | PASS    |
| n77  | 30        | 15              | 650000     | 36@0          | DFT_QPSK   | 13.440        | 13.200          | PASS    |
| n77  | 30        | 15              | 650000     | 36@0          | DFT_QAM16  | 13.500        | 13.280          | PASS    |
| n77  | 30        | 15              | 650000     | 36@0          | DFT_QAM64  | 13.480        | 13.190          | PASS    |
| n77  | 30        | 15              | 650000     | 36@0          | DFT_QAM256 | 13.440        | 13.260          | PASS    |
| n77  | 30        | 20              | 650000     | 50@0          | DFT_BPSK   | 18.040        | 18.250          | PASS    |
| n77  | 30        | 20              | 650000     | 50@0          | DFT_QPSK   | 18.040        | 18.260          | PASS    |
| n77  | 30        | 20              | 650000     | 50@0          | DFT_QAM16  | 18.060        | 18.290          | PASS    |
| n77  | 30        | 20              | 650000     | 50@0          | DFT_QAM64  | 18.040        | 18.200          | PASS    |
| n77  | 30        | 20              | 650000     | 50@0          | DFT_QAM256 | 18.000        | 18.220          | PASS    |
| n77  | 30        | 40              | 650000     | 100@0         | DFT_BPSK   | 37.550        | 36.300          | PASS    |
| n77  | 30        | 40              | 650000     | 100@0         | DFT_QPSK   | 37.550        | 36.400          | PASS    |
| n77  | 30        | 40              | 650000     | 100@0         | DFT_QAM16  | 37.600        | 36.290          | PASS    |
| n77  | 30        | 40              | 650000     | 100@0         | DFT_QAM64  | 37.560        | 36.390          | PASS    |
| n77  | 30        | 40              | 650000     | 100@0         | DFT_QAM256 | 37.490        | 36.240          | PASS    |

|     |    |     |        |       |            |        |        |      |
|-----|----|-----|--------|-------|------------|--------|--------|------|
| n77 | 30 | 50  | 650000 | 128@0 | DFT_BPSK   | 47.020 | 46.400 | PASS |
| n77 | 30 | 50  | 650000 | 128@0 | DFT_QPSK   | 47.220 | 46.440 | PASS |
| n77 | 30 | 50  | 650000 | 128@0 | DFT_QAM16  | 47.140 | 46.360 | PASS |
| n77 | 30 | 50  | 650000 | 128@0 | DFT_QAM64  | 47.090 | 46.360 | PASS |
| n77 | 30 | 50  | 650000 | 128@0 | DFT_QAM256 | 47.140 | 46.390 | PASS |
| n77 | 30 | 60  | 650000 | 162@0 | DFT_BPSK   | 57.780 | 58.590 | PASS |
| n77 | 30 | 60  | 650000 | 162@0 | DFT_QPSK   | 57.710 | 58.550 | PASS |
| n77 | 30 | 60  | 650000 | 162@0 | DFT_QAM16  | 57.710 | 58.610 | PASS |
| n77 | 30 | 60  | 650000 | 162@0 | DFT_QAM64  | 57.790 | 58.620 | PASS |
| n77 | 30 | 60  | 650000 | 162@0 | DFT_QAM256 | 57.770 | 58.600 | PASS |
| n77 | 30 | 80  | 650000 | 216@0 | DFT_BPSK   | 77.060 | 78.110 | PASS |
| n77 | 30 | 80  | 650000 | 216@0 | DFT_QPSK   | 77.040 | 78.080 | PASS |
| n77 | 30 | 80  | 650000 | 216@0 | DFT_QAM16  | 77.040 | 78.140 | PASS |
| n77 | 30 | 80  | 650000 | 216@0 | DFT_QAM64  | 77.060 | 78.120 | PASS |
| n77 | 30 | 80  | 650000 | 216@0 | DFT_QAM256 | 77.050 | 78.050 | PASS |
| n77 | 30 | 90  | 650000 | 240@0 | DFT_BPSK   | 86.690 | 86.750 | PASS |
| n77 | 30 | 90  | 650000 | 240@0 | DFT_QPSK   | 86.880 | 86.770 | PASS |
| n77 | 30 | 90  | 650000 | 240@0 | DFT_QAM16  | 86.890 | 86.700 | PASS |
| n77 | 30 | 90  | 650000 | 240@0 | DFT_QAM64  | 86.910 | 86.710 | PASS |
| n77 | 30 | 90  | 650000 | 240@0 | DFT_QAM256 | 86.890 | 86.810 | PASS |
| n77 | 30 | 100 | 650000 | 270@0 | DFT_BPSK   | 96.680 | 97.510 | PASS |
| n77 | 30 | 100 | 650000 | 270@0 | DFT_QPSK   | 96.570 | 97.510 | PASS |
| n77 | 30 | 100 | 650000 | 270@0 | DFT_QAM16  | 96.710 | 97.530 | PASS |
| n77 | 30 | 100 | 650000 | 270@0 | DFT_QAM64  | 96.700 | 97.610 | PASS |
| n77 | 30 | 100 | 650000 | 270@0 | DFT_QAM256 | 96.600 | 97.470 | PASS |

n77 SCS=30kHz DFT\_BPSK BW=100MHz Channel=650000 RB=270@0



n77 SCS=30kHz DFT\_BPSK BW=10MHz Channel=650000 RB=24@0



n77 SCS=30kHz DFT\_BPSK BW=15MHz Channel=650000 RB=36@0



n77 SCS=30kHz DFT\_BPSK BW=20MHz Channel=650000 RB=50@0



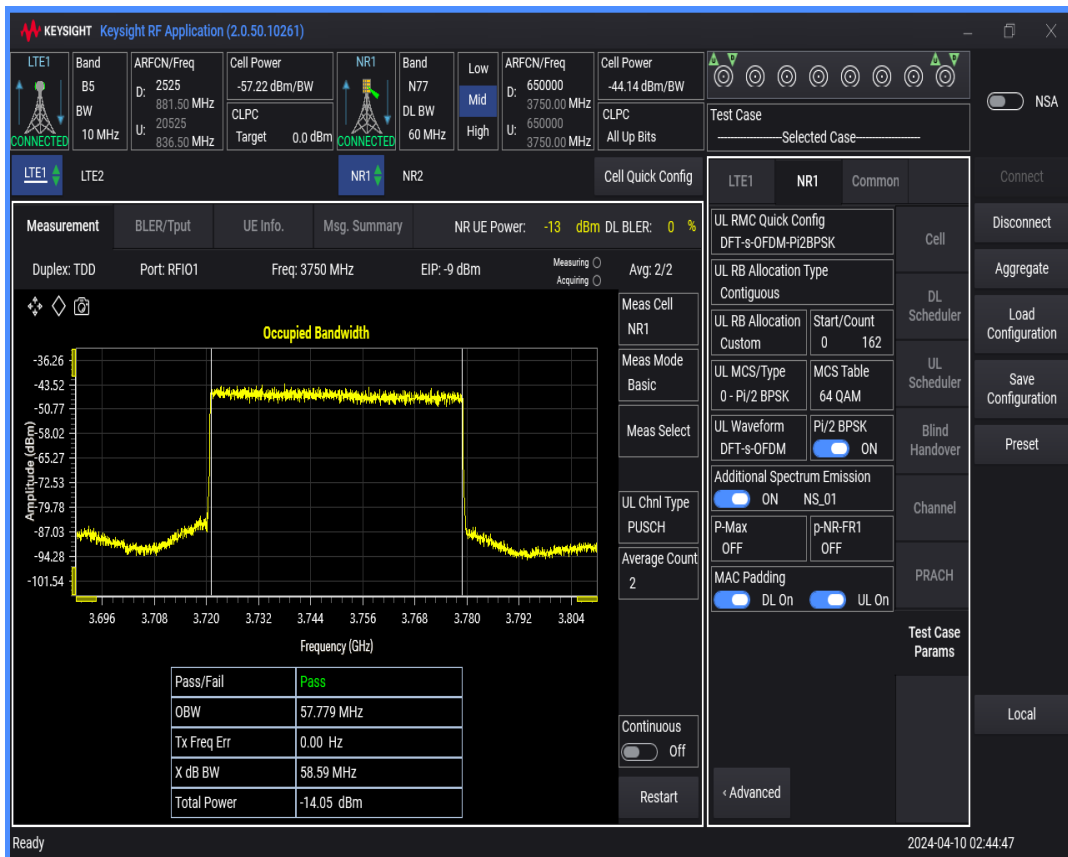
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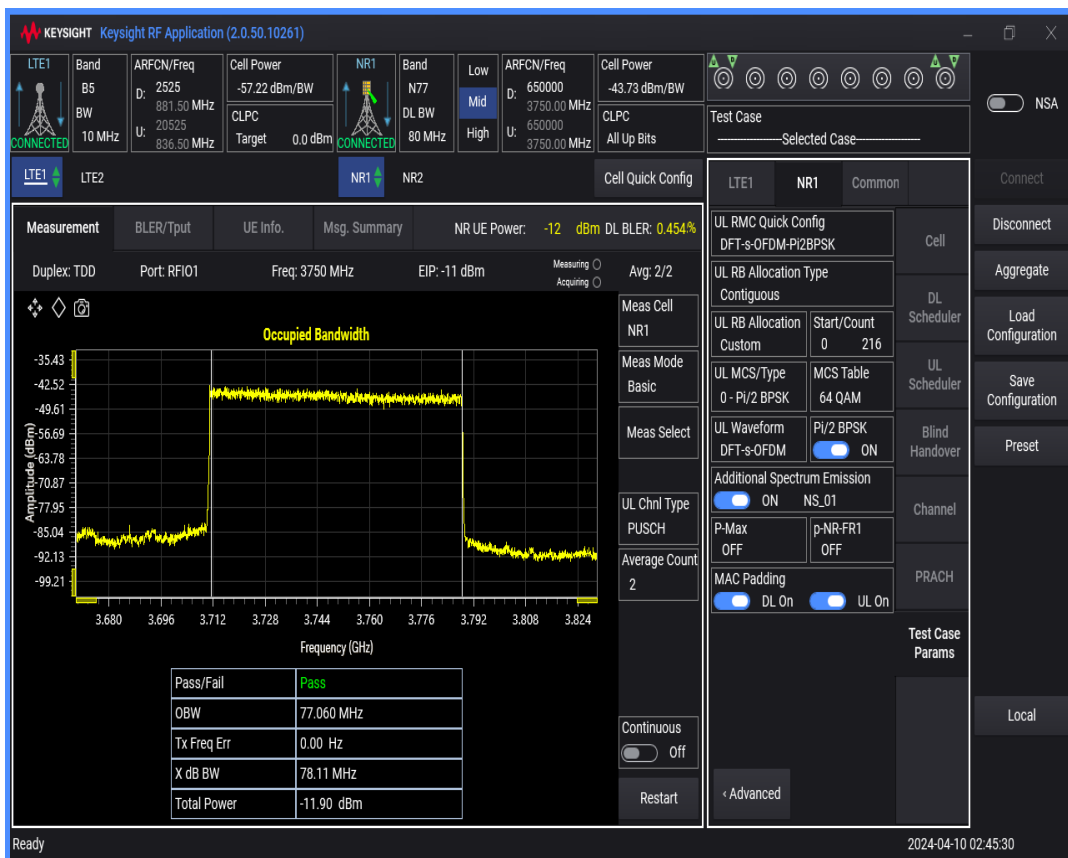
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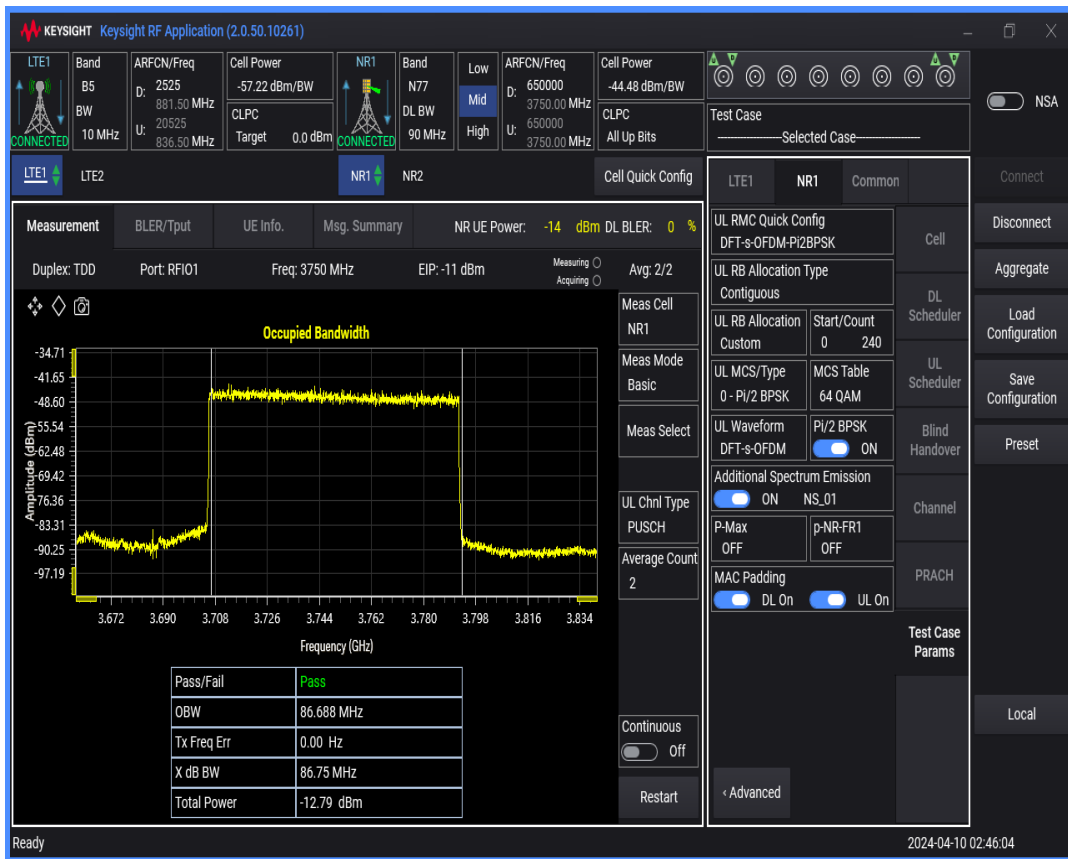
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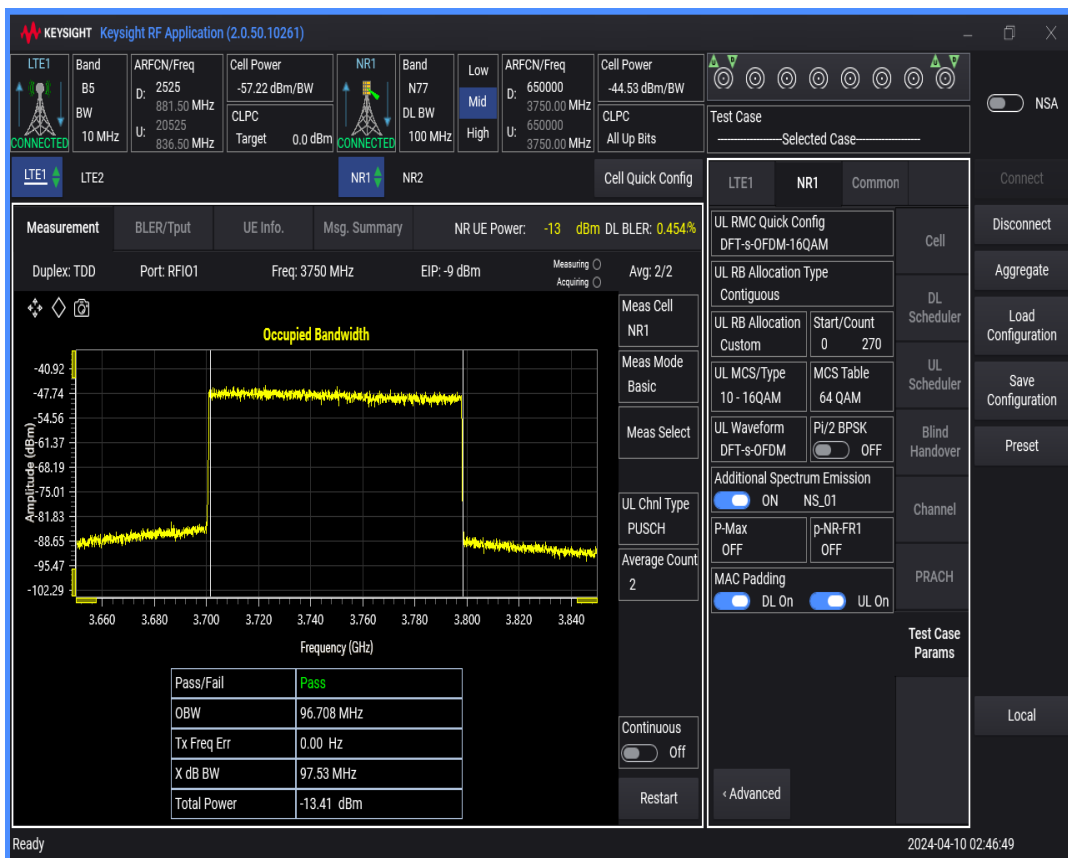
n77 SCS=30kHz DFT\_BPSK BW=80MHz Channel=650000 RB=216@0



n77 SCS=30kHz DFT\_BPSK BW=90MHz Channel=650000 RB=240@0



n77 SCS=30kHz DFT\_QAM16 BW=100MHz Channel=650000 RB=270@0



n77 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=650000 RB=24@0