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## 1 Conducted output power for EN-DC

| Band  | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | Power<br>(dBm) | Low Limit<br>(dBm) | high Limit<br>(dBm) | Verdict |
|-------|--------------|--------------------|---------------|------------------|------------|----------------|--------------------|---------------------|---------|
| Band2 | 15           | 5                  | 18625         | 1@0              | QPSK       | 14.28          |                    |                     |         |
| n7    | 15           | 5                  | 500500        | 1@0              | DFT_BPSK   | 22.00          |                    |                     |         |
| Sum   | 15           |                    |               |                  |            | 22.67          | 19                 | 26                  | PASS    |
| Band2 | 15           | 5                  | 18900         | 8@0              | QPSK       | 14.45          |                    |                     |         |
| n7    | 15           | 5                  | 507000        | 12@6             | DFT_BPSK   | 22.48          |                    |                     |         |
| Sum   | 15           |                    |               |                  |            | 23.11          | 19                 | 26                  | PASS    |
| Band2 | 15           | 5                  | 18900         | 8@0              | QPSK       | 14.42          |                    |                     |         |
| n7    | 15           | 5                  | 507000        | 12@6             | DFT_QPSK   | 22.49          |                    |                     |         |
| Sum   | 15           |                    |               |                  |            | 23.11          | 19                 | 26                  | PASS    |
| Band2 | 15           | 5                  | 19175         | 1@17             | QPSK       | 14.18          |                    |                     |         |
| n7    | 15           | 5                  | 513500        | 1@24             | DFT_BPSK   | 22.24          |                    |                     |         |
| Sum   | 15           |                    |               |                  |            | 22.87          | 19                 | 26                  | PASS    |
| Band2 | 15           | 5                  | 19175         | 8@17             | QPSK       | 14.43          |                    |                     |         |
| n7    | 15           | 5                  | 513500        | 12@6             | DFT_BPSK   | 22.22          |                    |                     |         |
| Sum   | 15           |                    |               |                  |            | 22.88          | 19                 | 26                  | PASS    |
| Band2 | 15           | 5                  | 19175         | 1@17             | QPSK       | 14.19          |                    |                     |         |
| n7    | 15           | 5                  | 513500        | 1@24             | DFT_QPSK   | 22.39          |                    |                     |         |
| Sum   | 15           |                    |               |                  |            | 23.00          | 19                 | 26                  | PASS    |
| Band2 | 15           | 5                  | 19175         | 8@17             | QPSK       | 14.46          |                    |                     |         |
| n7    | 15           | 5                  | 513500        | 12@6             | DFT_QPSK   | 22.21          |                    |                     |         |
| Sum   | 15           |                    |               |                  |            | 22.88          | 19                 | 26                  | PASS    |
| Band2 | 15           | 20                 | 18700         | 1@0              | QPSK       | 14.41          |                    |                     |         |
| n7    | 15           | 20                 | 502000        | 1@0              | DFT_BPSK   | 21.97          |                    |                     |         |
| Sum   | 15           |                    |               |                  |            | 22.67          | 19                 | 26                  | PASS    |
| Band2 | 15           | 20                 | 18900         | 18@0             | QPSK       | 14.51          |                    |                     |         |
| n7    | 15           | 20                 | 507000        | 50@25            | DFT_BPSK   | 22.55          |                    |                     |         |
| Sum   | 15           |                    |               |                  |            | 23.18          | 19                 | 26                  | PASS    |
| Band2 | 15           | 20                 | 18900         | 18@0             | QPSK       | 14.56          |                    |                     |         |
| n7    | 15           | 20                 | 507000        | 50@25            | DFT_QPSK   | 22.53          |                    |                     |         |
| Sum   | 15           |                    |               |                  |            | 23.17          | 19                 | 26                  | PASS    |
| Band2 | 15           | 20                 | 19100         | 1@72             | QPSK       | 14.69          |                    |                     |         |
| n7    | 15           | 20                 | 512000        | 1@105            | DFT_BPSK   | 22.10          |                    |                     |         |
| Sum   | 15           |                    |               |                  |            | 22.82          | 19                 | 26                  | PASS    |
| Band2 | 15           | 20                 | 19100         | 18@72            | QPSK       | 14.69          |                    |                     |         |
| n7    | 15           | 20                 | 512000        | 50@25            | DFT_BPSK   | 22.14          |                    |                     |         |
| Sum   | 15           |                    |               |                  |            | 22.85          | 19                 | 26                  | PASS    |
| Band2 | 15           | 20                 | 19100         | 1@72             | QPSK       | 14.71          |                    |                     |         |
| n7    | 15           | 20                 | 512000        | 1@105            | DFT_QPSK   | 22.25          |                    |                     |         |
| Sum   | 15           |                    |               |                  |            | 22.95          | 19                 | 26                  | PASS    |

|       |    |    |        |       |          |       |    |    |      |
|-------|----|----|--------|-------|----------|-------|----|----|------|
| Band2 | 15 | 20 | 19100  | 18@72 | QPSK     | 14.69 |    |    |      |
| n7    | 15 | 20 | 512000 | 50@25 | DFT_QPSK | 22.15 |    |    |      |
| Sum   | 15 |    |        |       |          | 22.86 | 19 | 26 | PASS |

## 2 Frequency stability for EN-DC

| Band | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | Result(Hz) | Result<br>(ppm) | Low<br>Limit<br>(ppm) | high<br>Limit<br>(ppm) | Verdict |
|------|--------------|--------------------|---------------|------------------|------------|------------|-----------------|-----------------------|------------------------|---------|
| n7   | 15           | 5                  | 500500        | 12@6             | DFT_BPSK   | -21.95     | -0.00877        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 1@1              | DFT_BPSK   | -21.90     | -0.00875        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 1@23             | DFT_BPSK   | -21.65     | -0.00865        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 12@6             | DFT_QPSK   | -23.96     | -0.00957        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 1@1              | DFT_QPSK   | -20.80     | -0.00831        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 1@23             | DFT_QPSK   | -21.84     | -0.00873        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 12@6             | DFT_BPSK   | -22.89     | -0.00903        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 1@1              | DFT_BPSK   | -19.76     | -0.00779        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 1@23             | DFT_BPSK   | -16.83     | -0.00664        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 12@6             | DFT_QPSK   | -14.68     | -0.00579        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 1@1              | DFT_QPSK   | -20.18     | -0.00796        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 1@23             | DFT_QPSK   | -18.37     | -0.00725        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 12@6             | DFT_BPSK   | -15.70     | -0.00611        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 1@1              | DFT_BPSK   | -18.19     | -0.00708        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 1@23             | DFT_BPSK   | -15.73     | -0.00613        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 12@6             | DFT_QPSK   | -12.41     | -0.00483        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 1@1              | DFT_QPSK   | -13.66     | -0.00532        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 1@23             | DFT_QPSK   | -17.56     | -0.00684        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 36@18            | DFT_BPSK   | -11.13     | -0.00444        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 1@1              | DFT_BPSK   | -12.37     | -0.00493        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 1@77             | DFT_BPSK   | -19.79     | -0.00789        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 36@18            | DFT_QPSK   | -13.92     | -0.00555        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 1@1              | DFT_QPSK   | -13.35     | -0.00532        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 1@77             | DFT_QPSK   | -13.97     | -0.00557        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 36@18            | DFT_BPSK   | -15.66     | -0.00618        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 1@1              | DFT_BPSK   | -15.28     | -0.00603        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 1@77             | DFT_BPSK   | -10.90     | -0.00430        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 36@18            | DFT_QPSK   | -12.10     | -0.00477        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 1@1              | DFT_QPSK   | -10.18     | -0.00402        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 1@77             | DFT_QPSK   | -14.49     | -0.00572        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 36@18            | DFT_BPSK   | -9.37      | -0.00366        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 1@1              | DFT_BPSK   | -10.14     | -0.00396        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 1@77             | DFT_BPSK   | -10.04     | -0.00392        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 36@18            | DFT_QPSK   | -12.80     | -0.00500        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 1@1              | DFT_QPSK   | -12.93     | -0.00505        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 1@77             | DFT_QPSK   | -12.22     | -0.00477        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 20                 | 502000        | 50@25            | DFT_BPSK   | -14.74     | -0.00587        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 20                 | 502000        | 1@1              | DFT_BPSK   | -8.36      | -0.00333        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 20                 | 502000        | 1@104            | DFT_BPSK   | -7.67      | -0.00306        | -2.5                  | 2.5                    | PASS    |

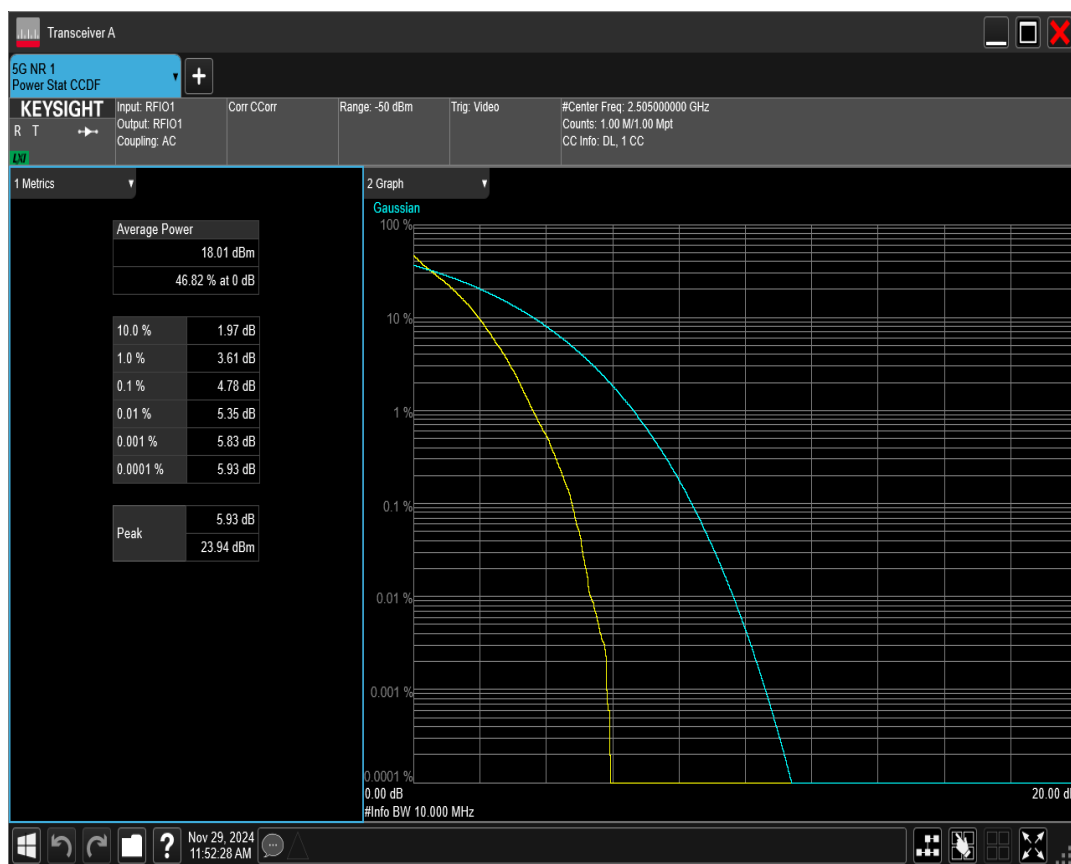
|    |    |    |        |       |          |        |          |      |     |      |
|----|----|----|--------|-------|----------|--------|----------|------|-----|------|
| n7 | 15 | 20 | 502000 | 50@25 | DFT_QPSK | -5.39  | -0.00215 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 502000 | 1@1   | DFT_QPSK | -5.48  | -0.00218 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 502000 | 1@104 | DFT_QPSK | -1.76  | -0.00070 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 50@25 | DFT_BPSK | -12.19 | -0.00481 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 1@1   | DFT_BPSK | -11.52 | -0.00454 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 1@104 | DFT_BPSK | -9.87  | -0.00389 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 50@25 | DFT_QPSK | -4.47  | -0.00176 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 1@1   | DFT_QPSK | -10.12 | -0.00399 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 1@104 | DFT_QPSK | -10.32 | -0.00407 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 50@25 | DFT_BPSK | -4.13  | -0.00161 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 1@1   | DFT_BPSK | -6.49  | -0.00254 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 1@104 | DFT_BPSK | -11.06 | -0.00432 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 50@25 | DFT_QPSK | -8.93  | -0.00349 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 1@1   | DFT_QPSK | -8.85  | -0.00346 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 1@104 | DFT_QPSK | -10.21 | -0.00399 | -2.5 | 2.5 | PASS |

### 3 Peak-to-Average Ratio for EN-DC

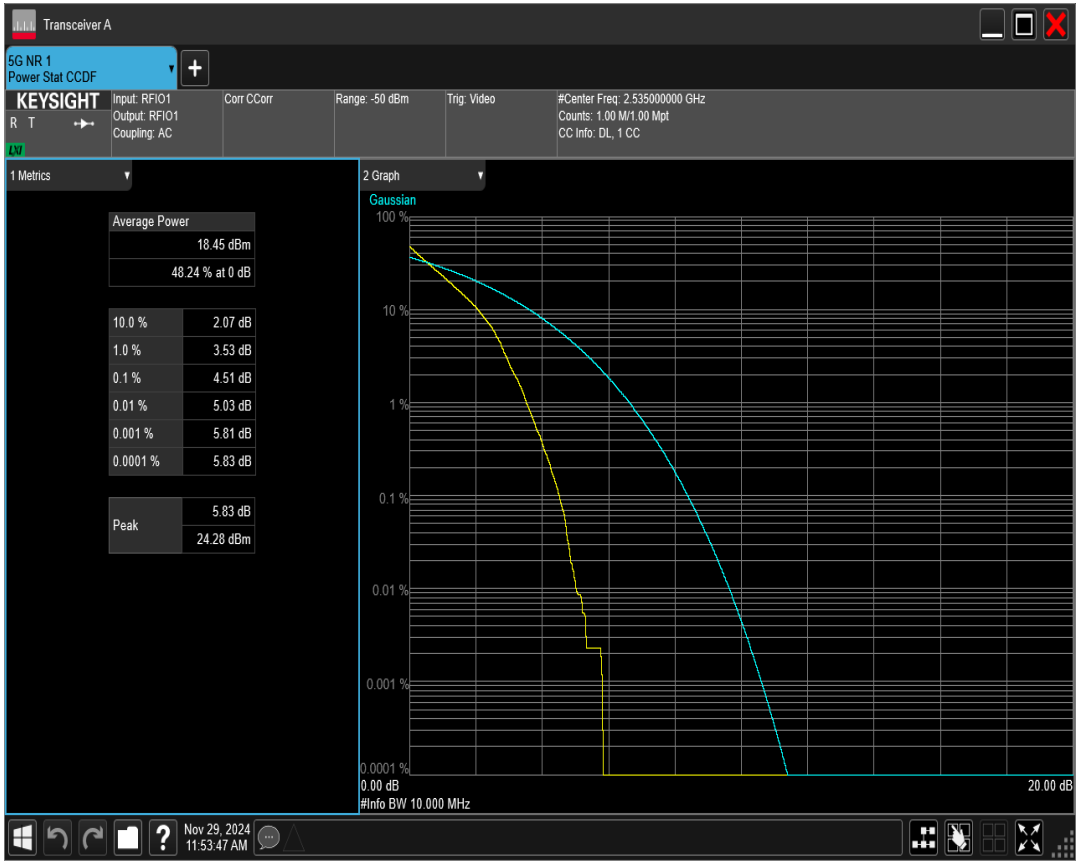
| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Result (dB) | high Limit (dB) | Verdict |
|------|-----------|-----------------|------------|---------------|------------|-------------|-----------------|---------|
| n7   | 15        | 5               | 500500     | 25@0          | DFT_BPSK   | 4.76        | 13              | PASS    |
| n7   | 15        | 5               | 500500     | 25@0          | DFT_QPSK   | 5.85        | 13              | PASS    |
| n7   | 15        | 5               | 500500     | 25@0          | DFT_QAM16  | 6.61        | 13              | PASS    |
| n7   | 15        | 5               | 500500     | 25@0          | DFT_QAM64  | 6.70        | 13              | PASS    |
| n7   | 15        | 5               | 500500     | 25@0          | DFT_QAM256 | 6.51        | 13              | PASS    |
| n7   | 15        | 5               | 507000     | 25@0          | DFT_BPSK   | 4.46        | 13              | PASS    |
| n7   | 15        | 5               | 507000     | 25@0          | DFT_QPSK   | 5.42        | 13              | PASS    |
| n7   | 15        | 5               | 507000     | 25@0          | DFT_QAM16  | 6.29        | 13              | PASS    |
| n7   | 15        | 5               | 507000     | 25@0          | DFT_QAM64  | 6.47        | 13              | PASS    |
| n7   | 15        | 5               | 507000     | 25@0          | DFT_QAM256 | 6.46        | 13              | PASS    |
| n7   | 15        | 5               | 513500     | 25@0          | DFT_BPSK   | 5.98        | 13              | PASS    |
| n7   | 15        | 5               | 513500     | 25@0          | DFT_QPSK   | 6.01        | 13              | PASS    |
| n7   | 15        | 5               | 513500     | 25@0          | DFT_QAM16  | 6.54        | 13              | PASS    |
| n7   | 15        | 5               | 513500     | 25@0          | DFT_QAM64  | 6.67        | 13              | PASS    |
| n7   | 15        | 5               | 513500     | 25@0          | DFT_QAM256 | 6.66        | 13              | PASS    |
| n7   | 15        | 10              | 501000     | 50@0          | DFT_BPSK   | 4.78        | 13              | PASS    |
| n7   | 15        | 10              | 501000     | 50@0          | DFT_QPSK   | 5.68        | 13              | PASS    |
| n7   | 15        | 10              | 501000     | 50@0          | DFT_QAM16  | 6.51        | 13              | PASS    |
| n7   | 15        | 10              | 501000     | 50@0          | DFT_QAM64  | 6.76        | 13              | PASS    |
| n7   | 15        | 10              | 501000     | 50@0          | DFT_QAM256 | 6.80        | 13              | PASS    |
| n7   | 15        | 10              | 507000     | 50@0          | DFT_BPSK   | 4.51        | 13              | PASS    |
| n7   | 15        | 10              | 507000     | 50@0          | DFT_QPSK   | 5.48        | 13              | PASS    |
| n7   | 15        | 10              | 507000     | 50@0          | DFT_QAM16  | 6.18        | 13              | PASS    |
| n7   | 15        | 10              | 507000     | 50@0          | DFT_QAM64  | 6.34        | 13              | PASS    |
| n7   | 15        | 10              | 507000     | 50@0          | DFT_QAM256 | 6.32        | 13              | PASS    |
| n7   | 15        | 10              | 513000     | 50@0          | DFT_BPSK   | 5.62        | 13              | PASS    |
| n7   | 15        | 10              | 513000     | 50@0          | DFT_QPSK   | 5.73        | 13              | PASS    |
| n7   | 15        | 10              | 513000     | 50@0          | DFT_QAM16  | 6.33        | 13              | PASS    |
| n7   | 15        | 10              | 513000     | 50@0          | DFT_QAM64  | 6.51        | 13              | PASS    |
| n7   | 15        | 10              | 513000     | 50@0          | DFT_QAM256 | 6.63        | 13              | PASS    |
| n7   | 15        | 15              | 501500     | 75@0          | DFT_BPSK   | 4.68        | 13              | PASS    |
| n7   | 15        | 15              | 501500     | 75@0          | DFT_QPSK   | 5.81        | 13              | PASS    |
| n7   | 15        | 15              | 501500     | 75@0          | DFT_QAM16  | 6.58        | 13              | PASS    |
| n7   | 15        | 15              | 501500     | 75@0          | DFT_QAM64  | 6.58        | 13              | PASS    |
| n7   | 15        | 15              | 501500     | 75@0          | DFT_QAM256 | 6.77        | 13              | PASS    |
| n7   | 15        | 15              | 507000     | 75@0          | DFT_BPSK   | 4.70        | 13              | PASS    |
| n7   | 15        | 15              | 507000     | 75@0          | DFT_QPSK   | 5.38        | 13              | PASS    |
| n7   | 15        | 15              | 507000     | 75@0          | DFT_QAM16  | 6.23        | 13              | PASS    |
| n7   | 15        | 15              | 507000     | 75@0          | DFT_QAM64  | 6.29        | 13              | PASS    |
| n7   | 15        | 15              | 507000     | 75@0          | DFT_QAM256 | 6.39        | 13              | PASS    |

|    |    |    |        |       |            |      |    |      |
|----|----|----|--------|-------|------------|------|----|------|
| n7 | 15 | 15 | 512500 | 75@0  | DFT_BPSK   | 4.78 | 13 | PASS |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_QPSK   | 5.80 | 13 | PASS |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_QAM16  | 6.71 | 13 | PASS |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_QAM64  | 6.58 | 13 | PASS |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_QAM256 | 6.71 | 13 | PASS |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_BPSK   | 5.09 | 13 | PASS |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_QPSK   | 5.87 | 13 | PASS |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_QAM16  | 6.40 | 13 | PASS |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_QAM64  | 6.62 | 13 | PASS |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_QAM256 | 6.60 | 13 | PASS |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_BPSK   | 4.46 | 13 | PASS |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_QPSK   | 5.61 | 13 | PASS |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_QAM16  | 6.21 | 13 | PASS |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_QAM64  | 6.38 | 13 | PASS |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_QAM256 | 6.49 | 13 | PASS |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_BPSK   | 5.48 | 13 | PASS |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_QPSK   | 6.15 | 13 | PASS |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_QAM16  | 6.53 | 13 | PASS |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_QAM64  | 6.58 | 13 | PASS |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_QAM256 | 6.68 | 13 | PASS |

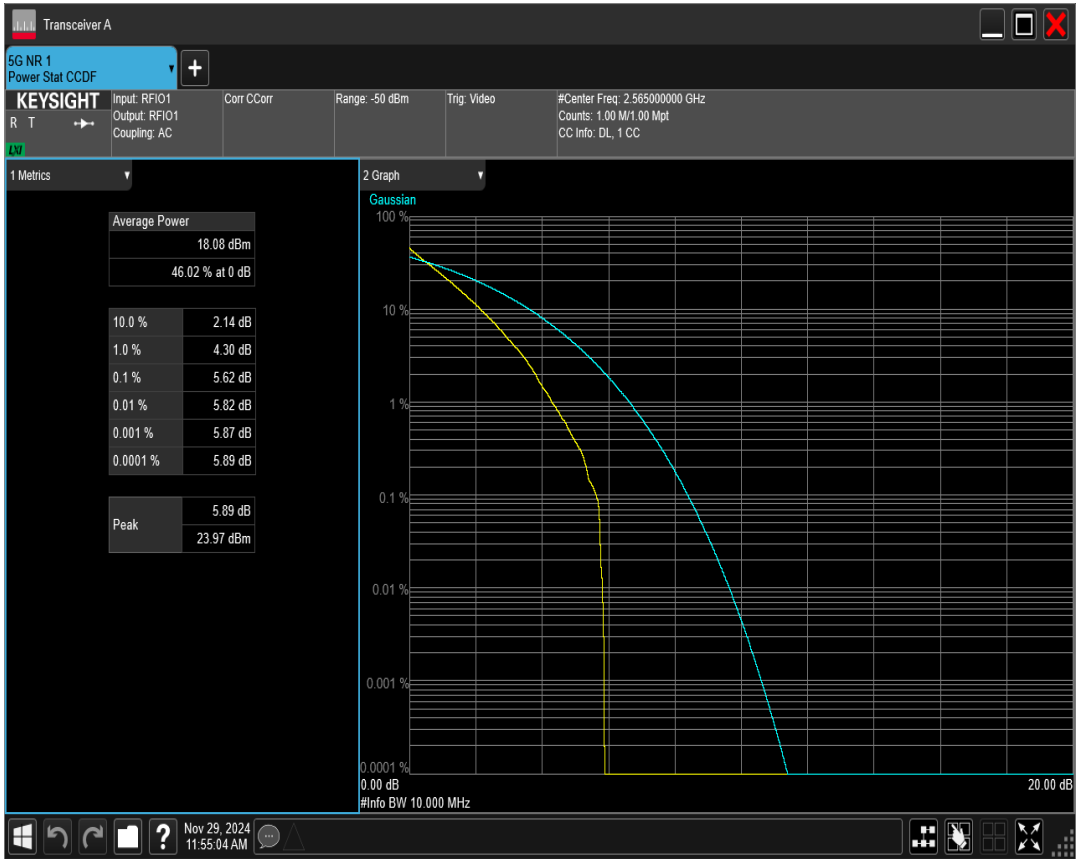
**n7 SCS=15kHz DFT\_BPSK BW=10MHz Channel=501000 RB=50@0**



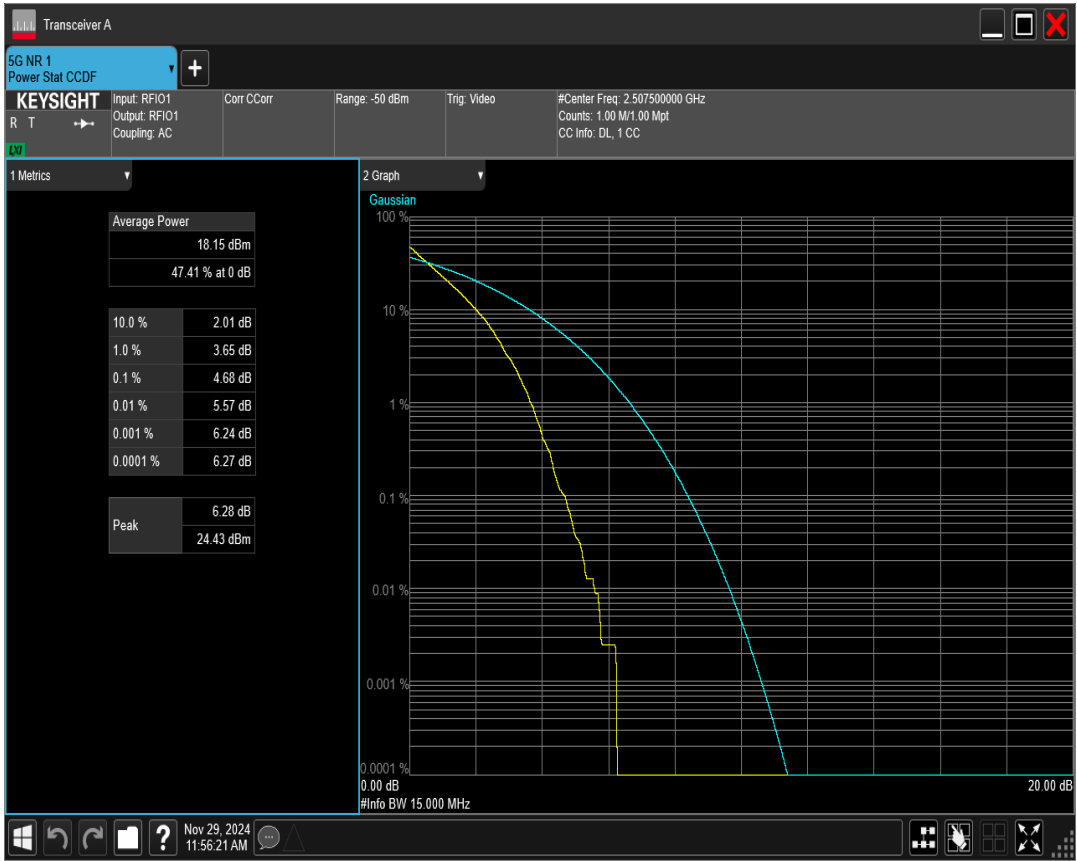
**n7 SCS=15kHz DFT\_BPSK BW=10MHz Channel=507000 RB=50@0**



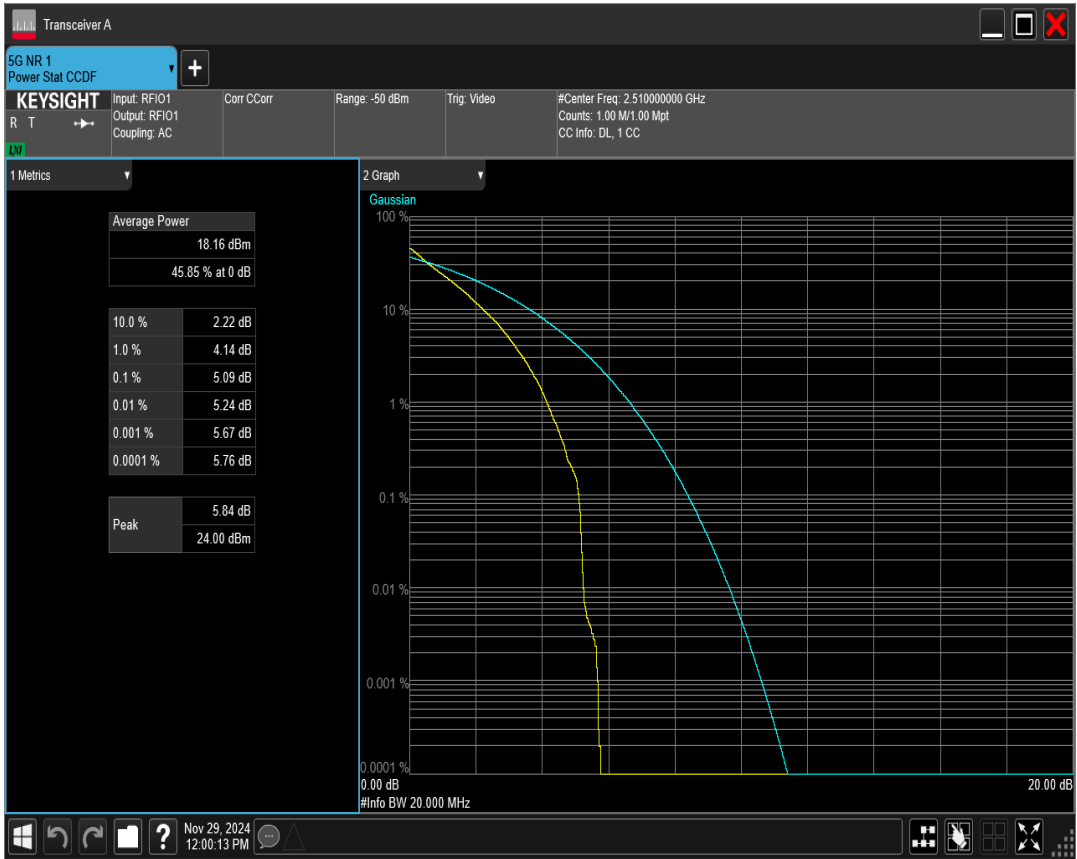
*n7 SCS=15kHz DFT\_BPSK BW=10MHz Channel=513000 RB=50@0*



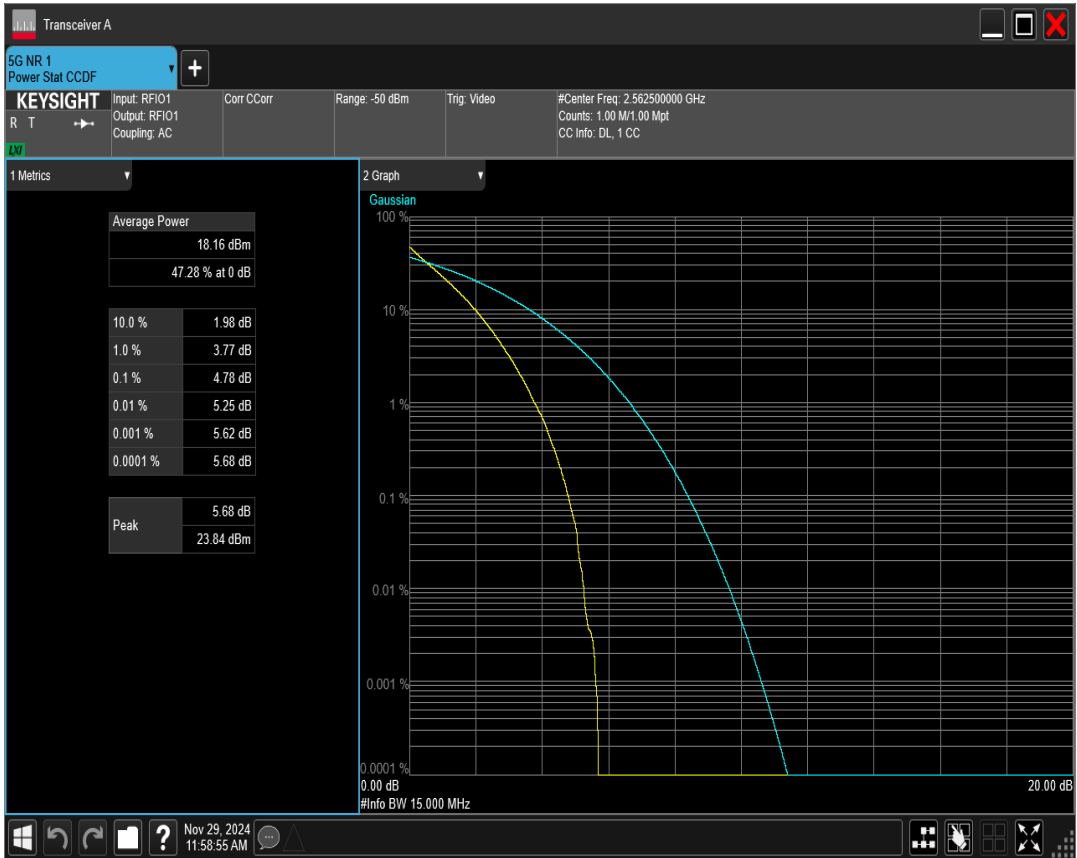
*n7 SCS=15kHz DFT\_BPSK BW=15MHz Channel=501500 RB=75@0*



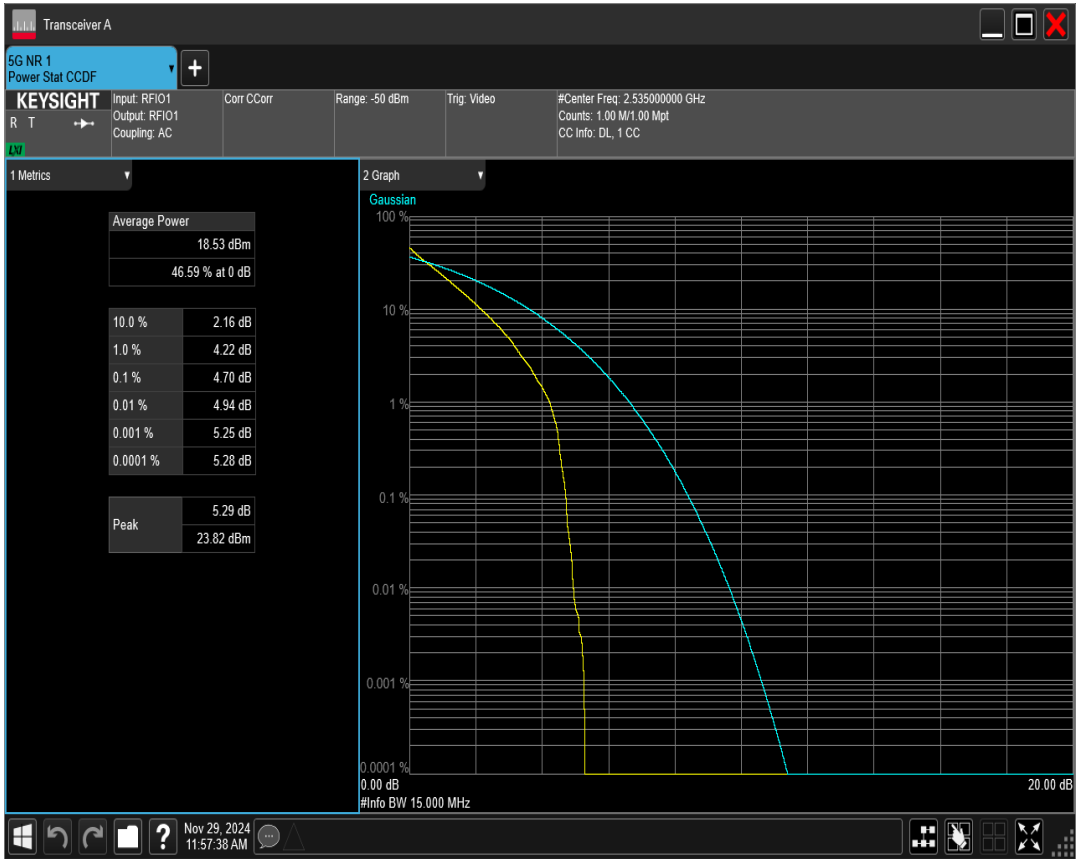
*n7 SCS=15kHz DFT\_BPSK BW=20MHz Channel=502000 RB=100@0*



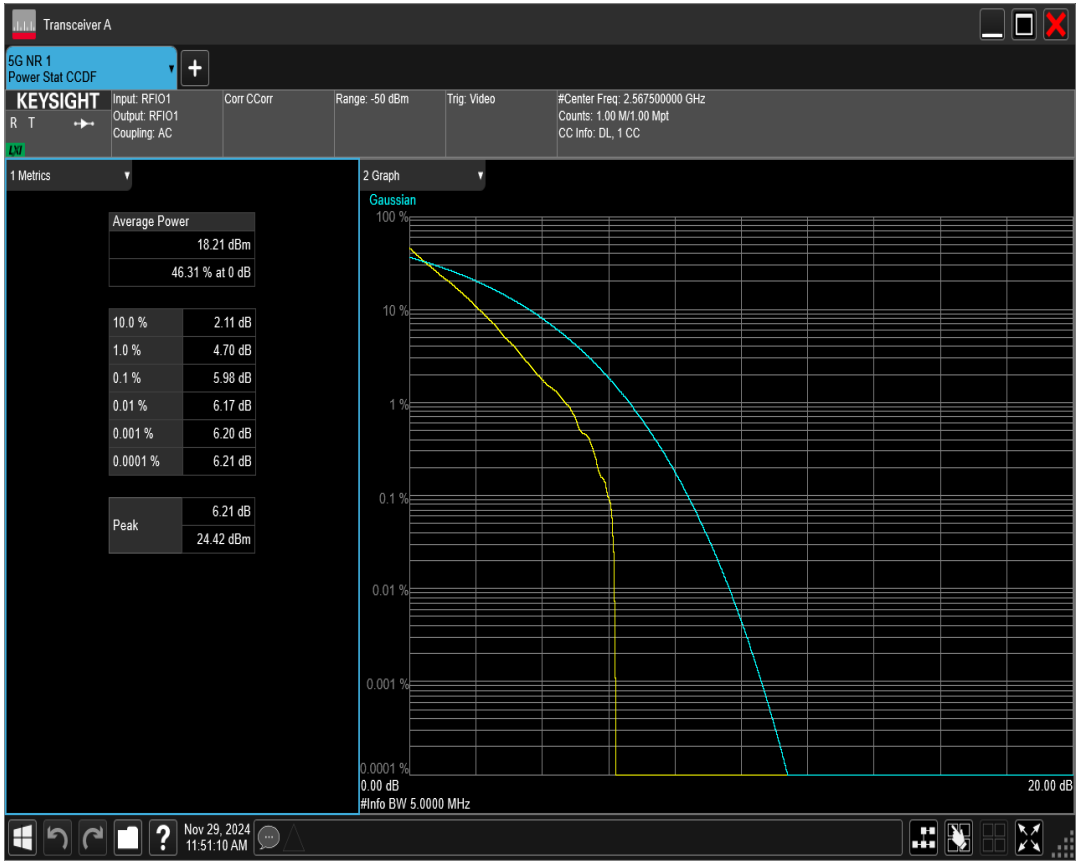
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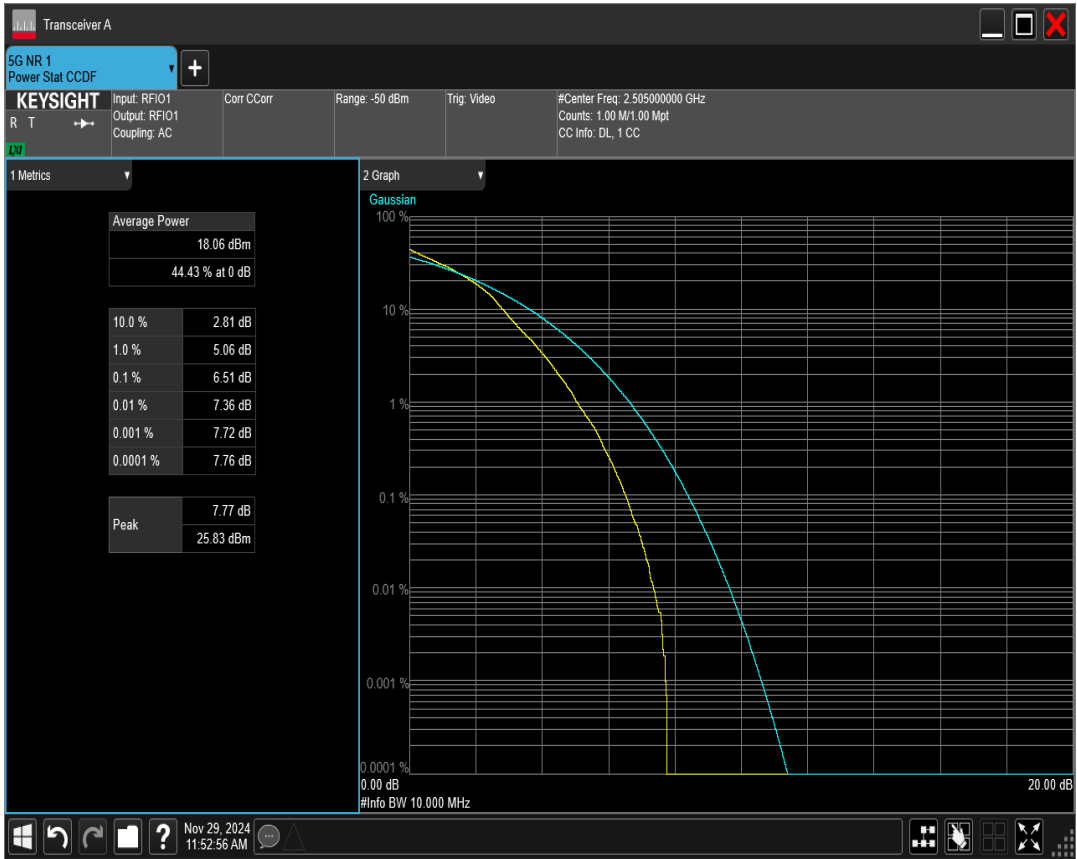
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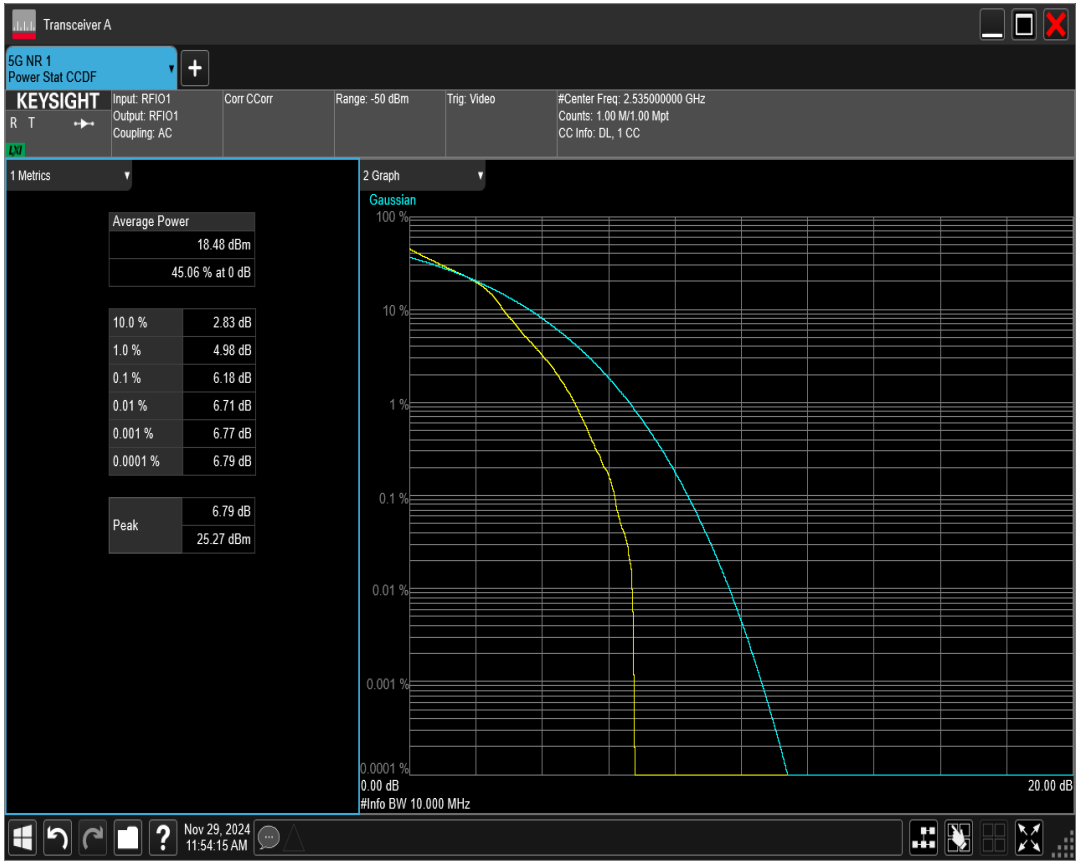
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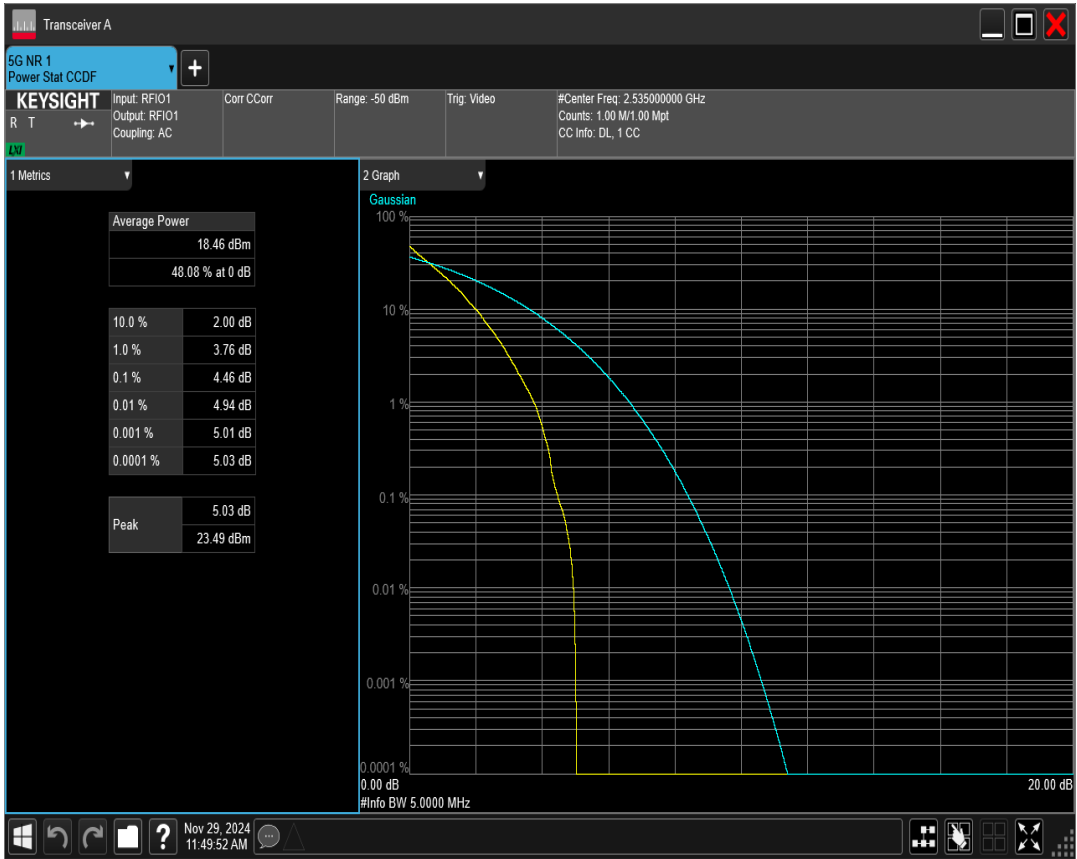
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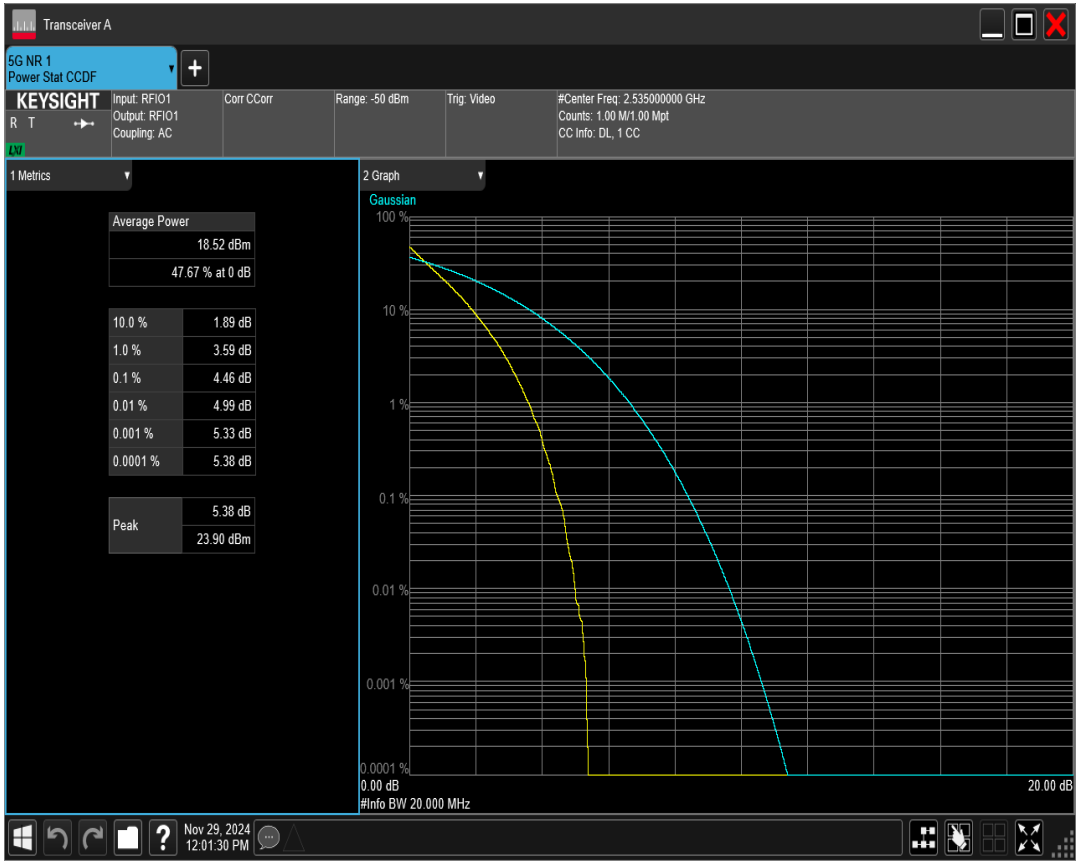
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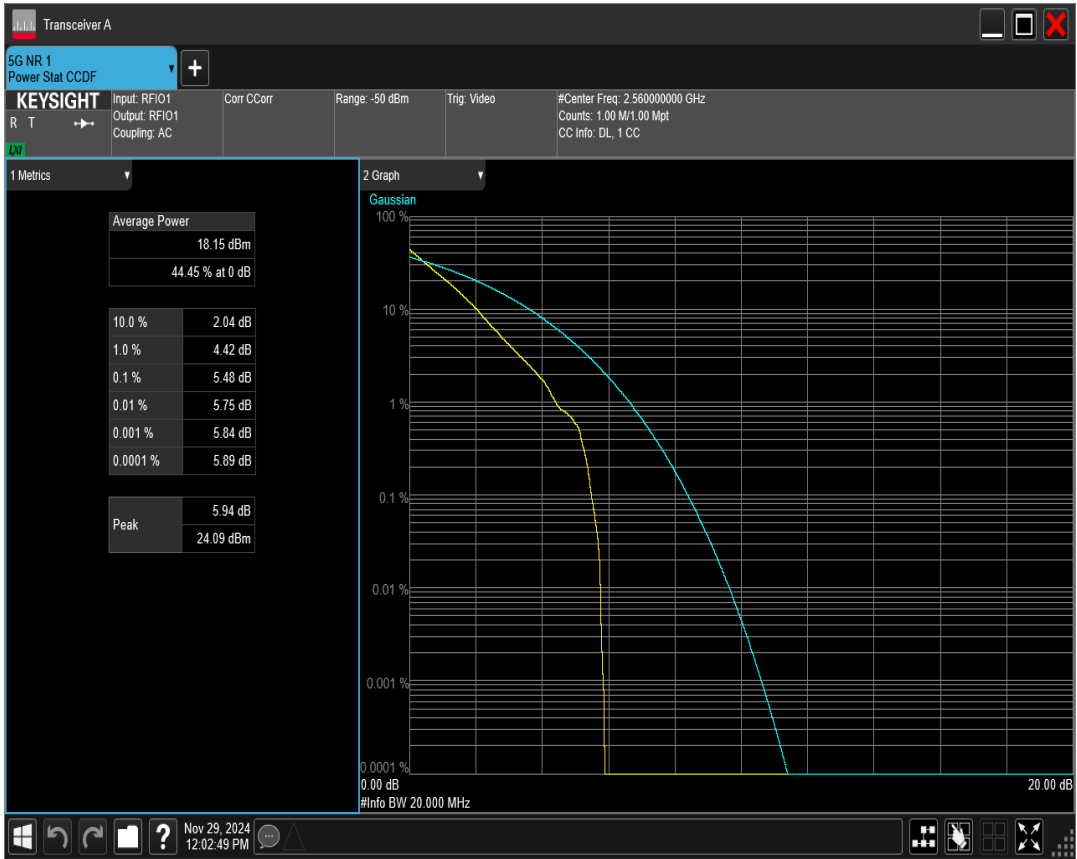
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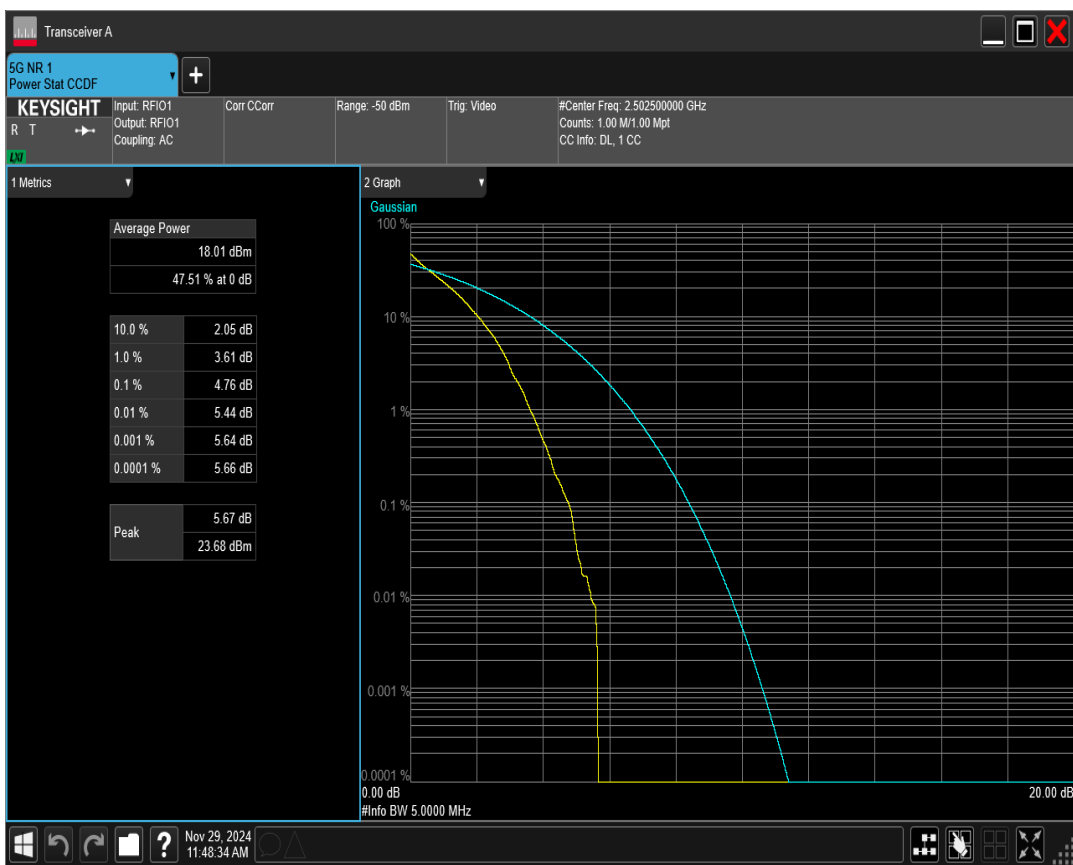
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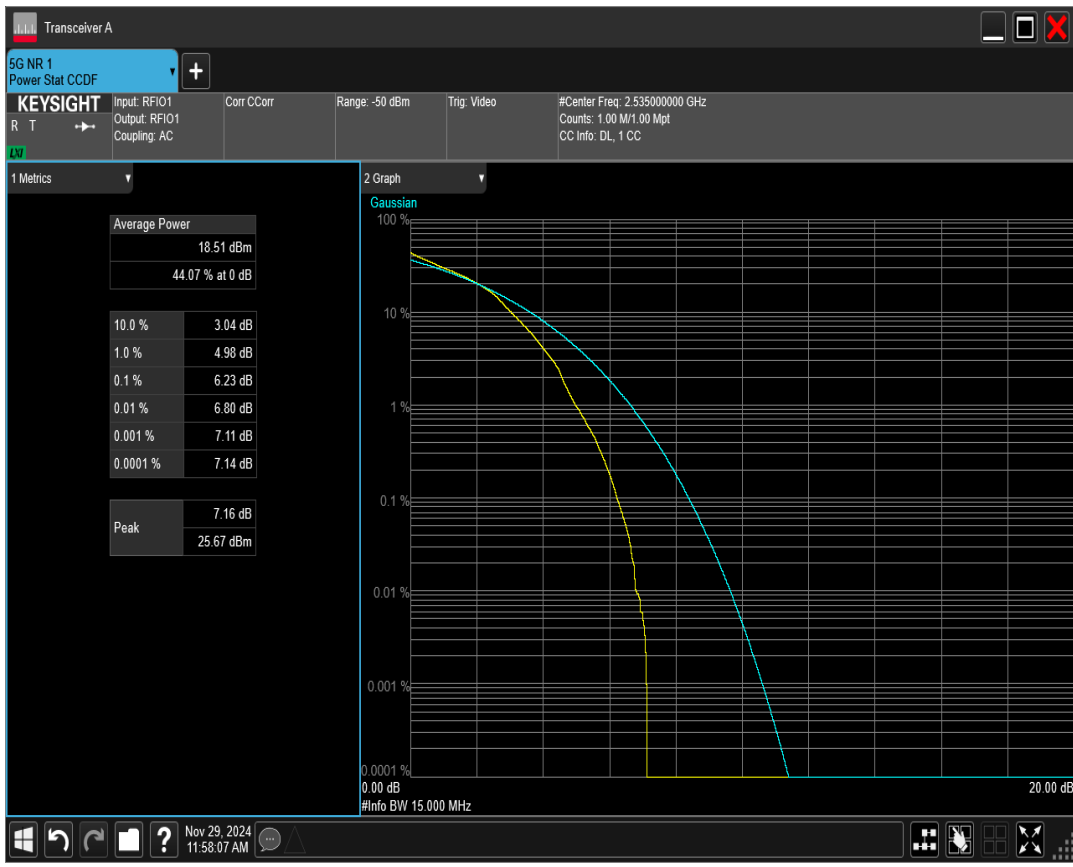
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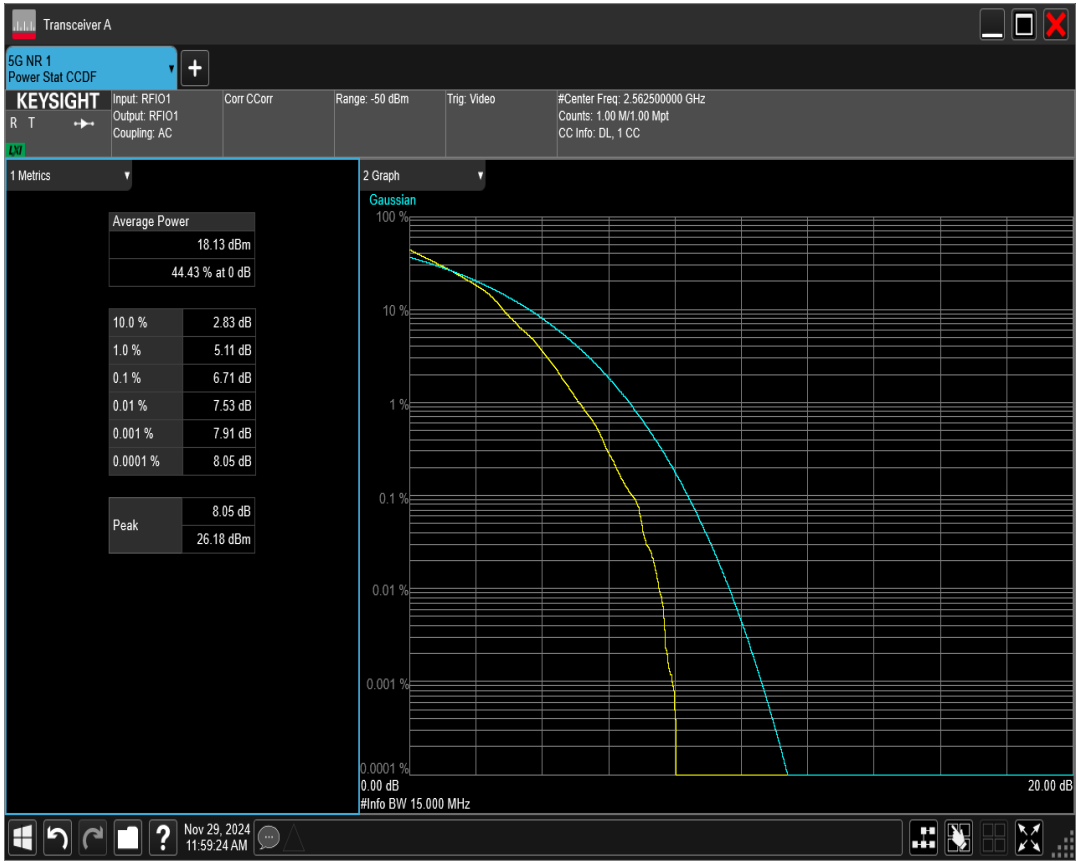
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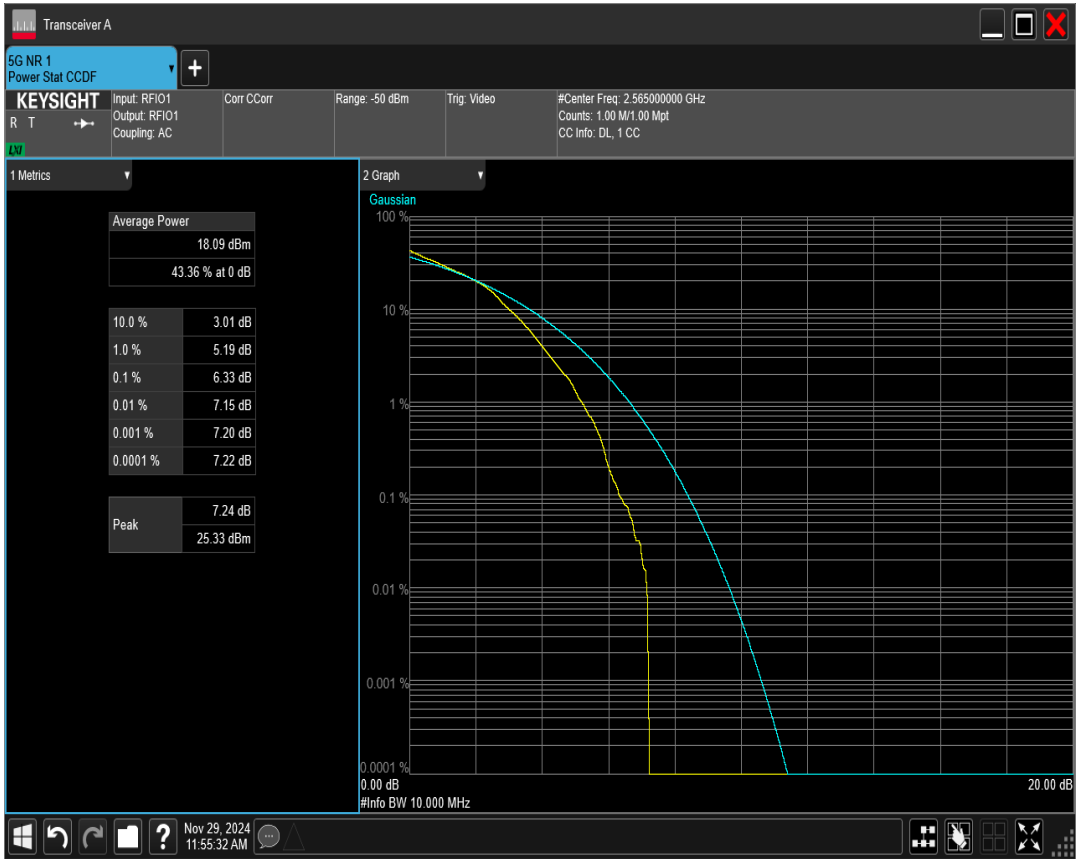
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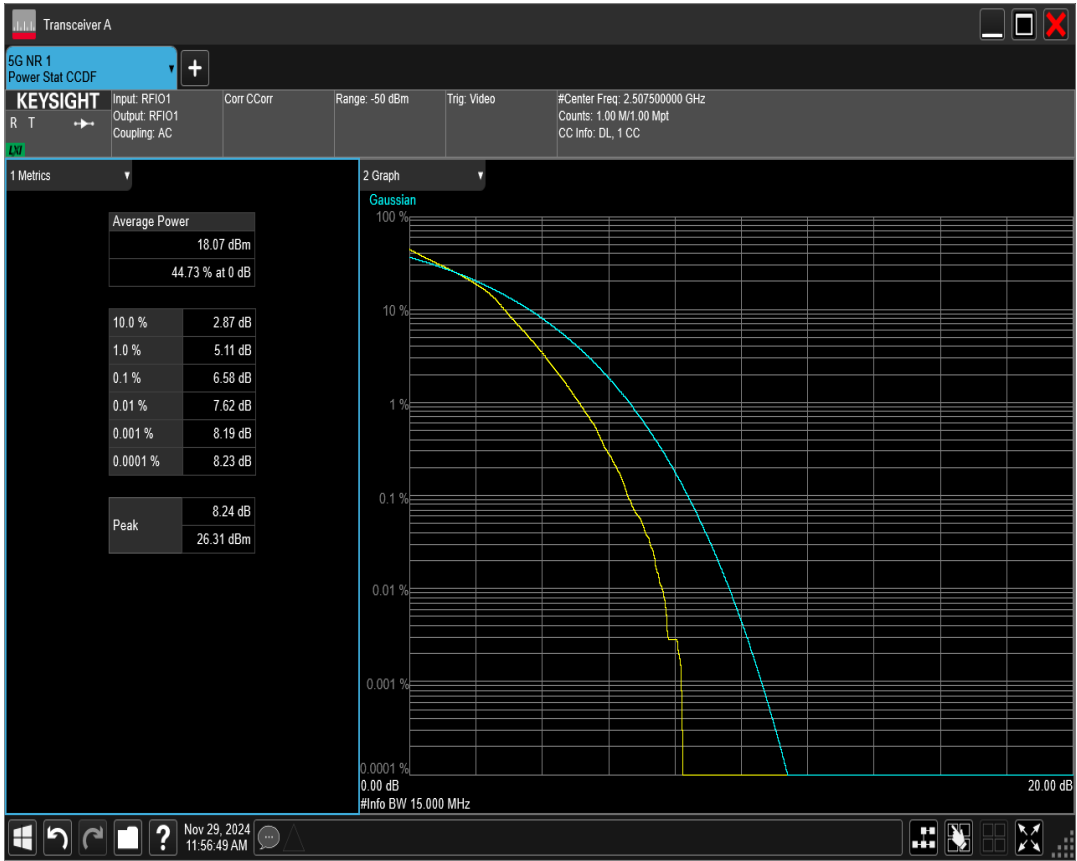
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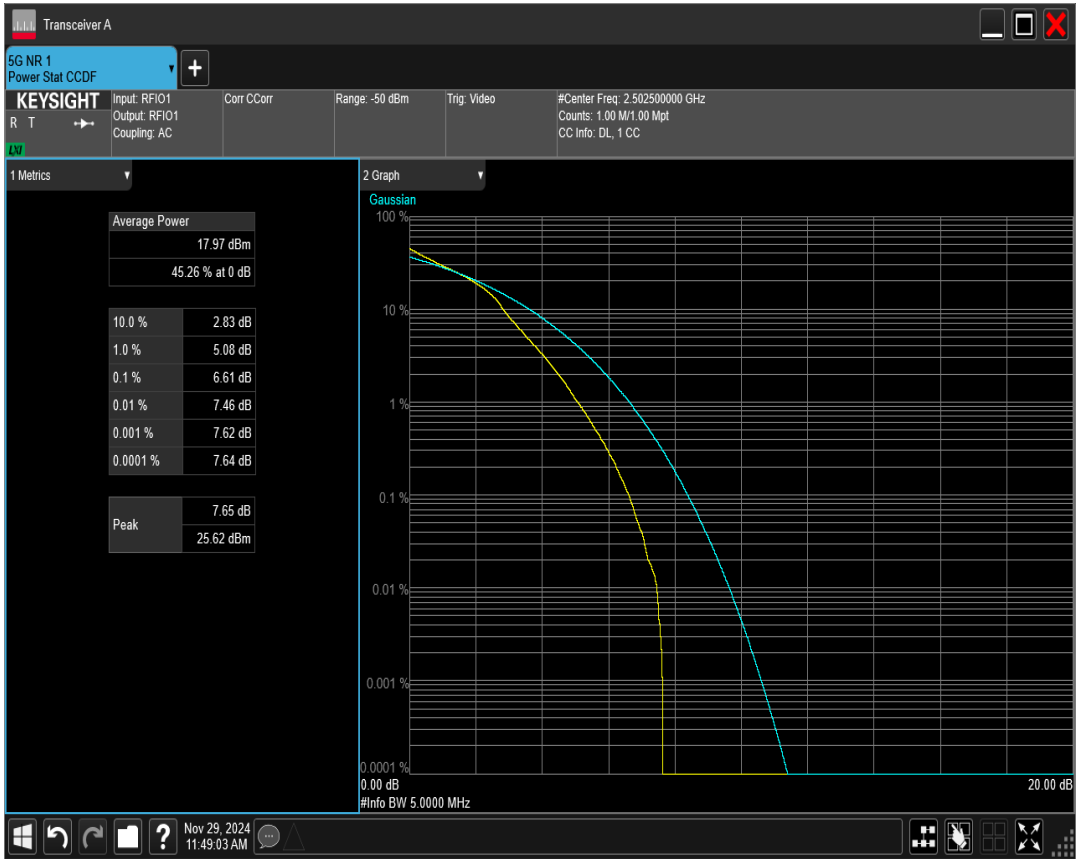
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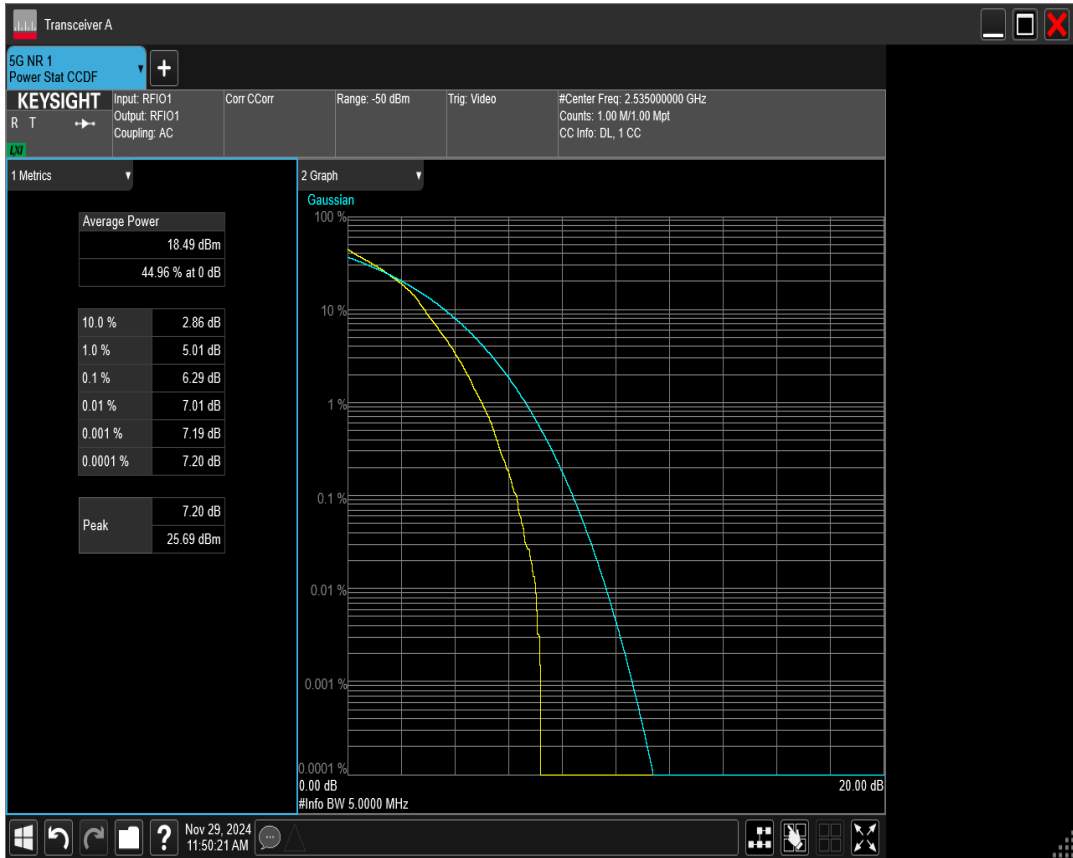
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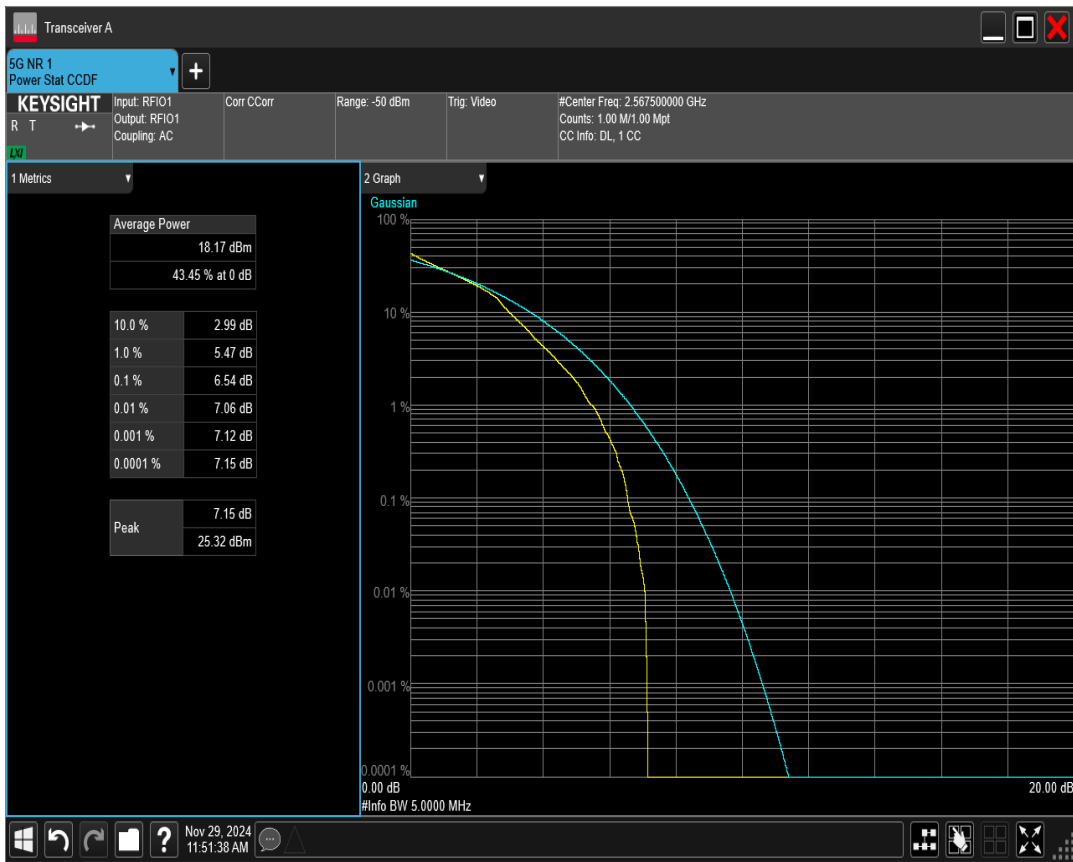
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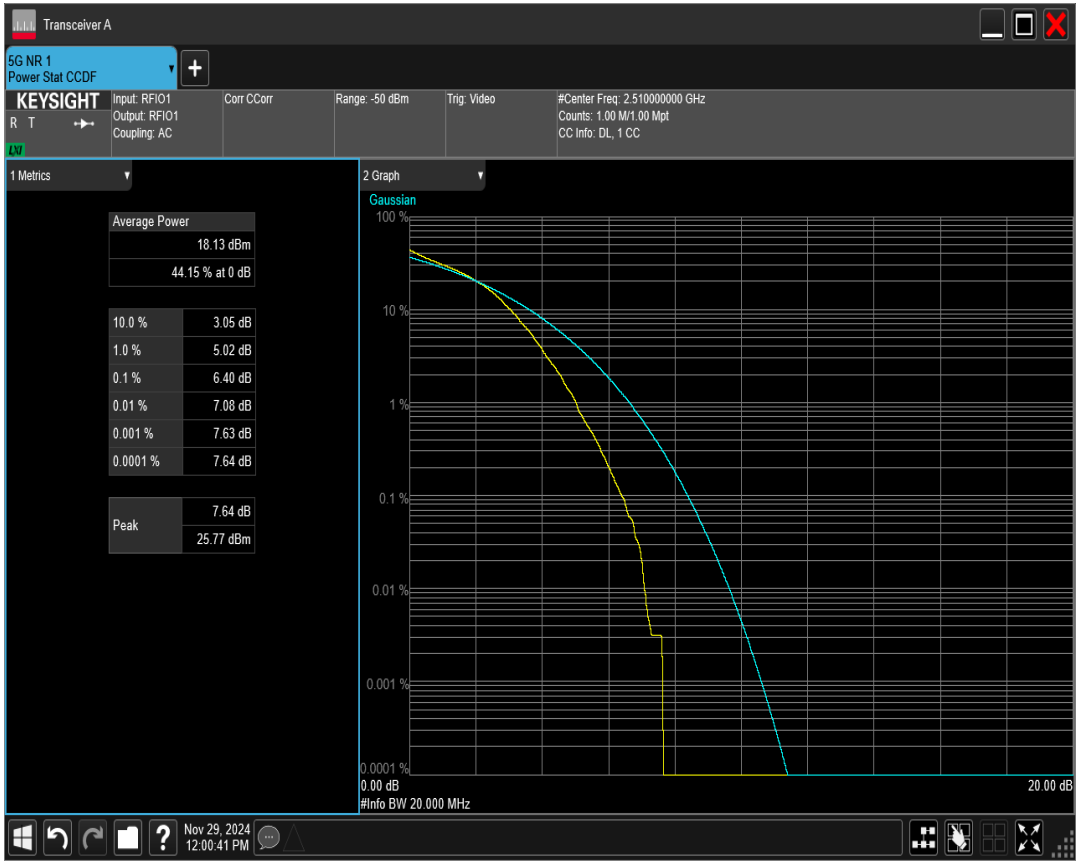
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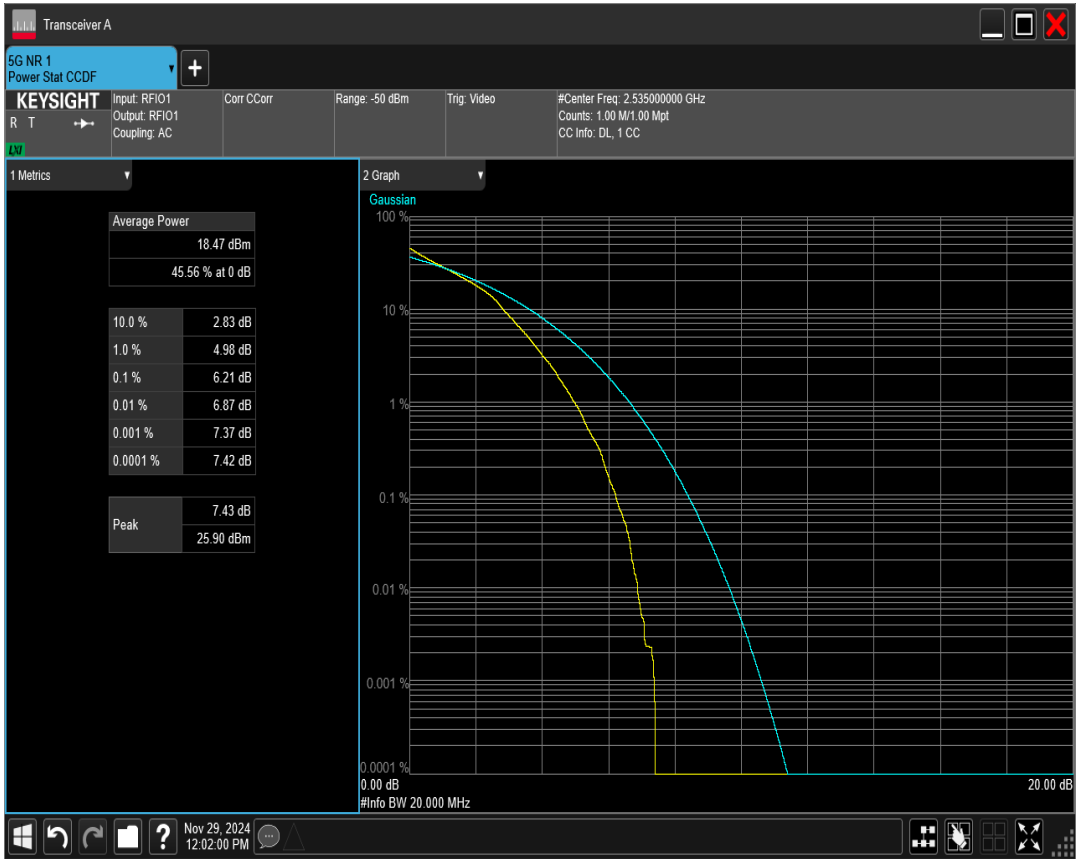
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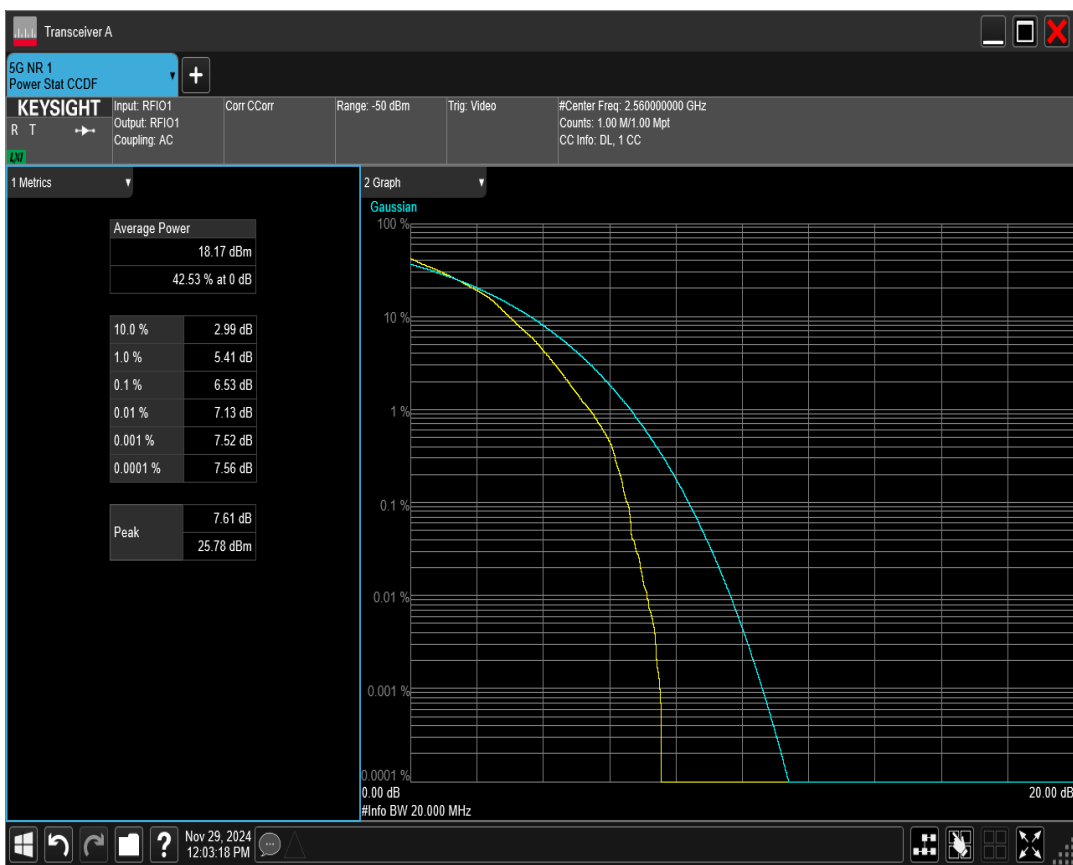
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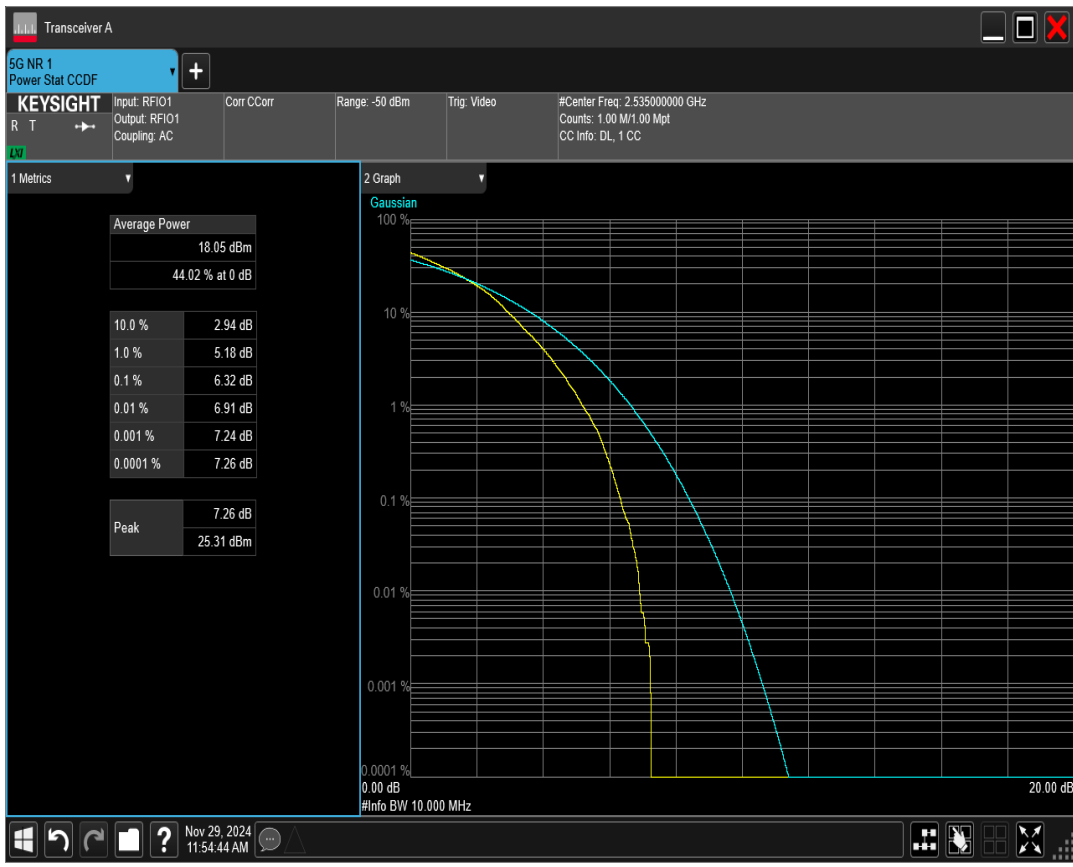
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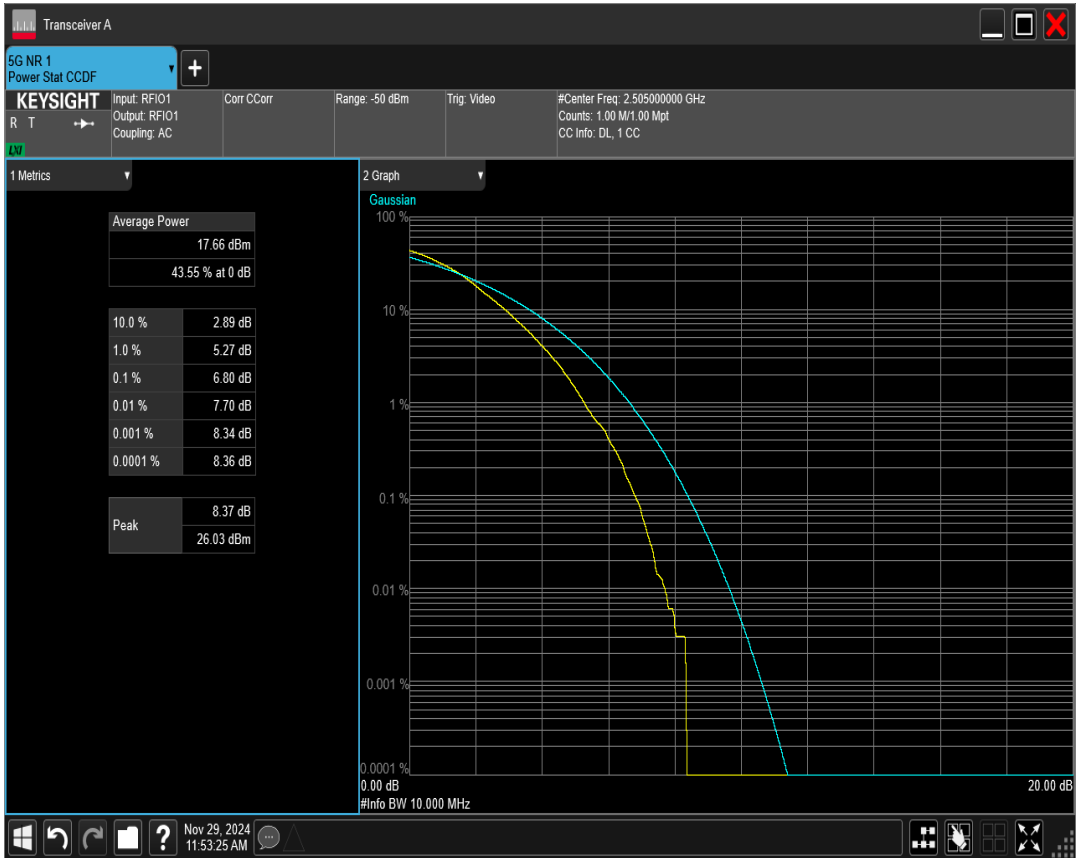
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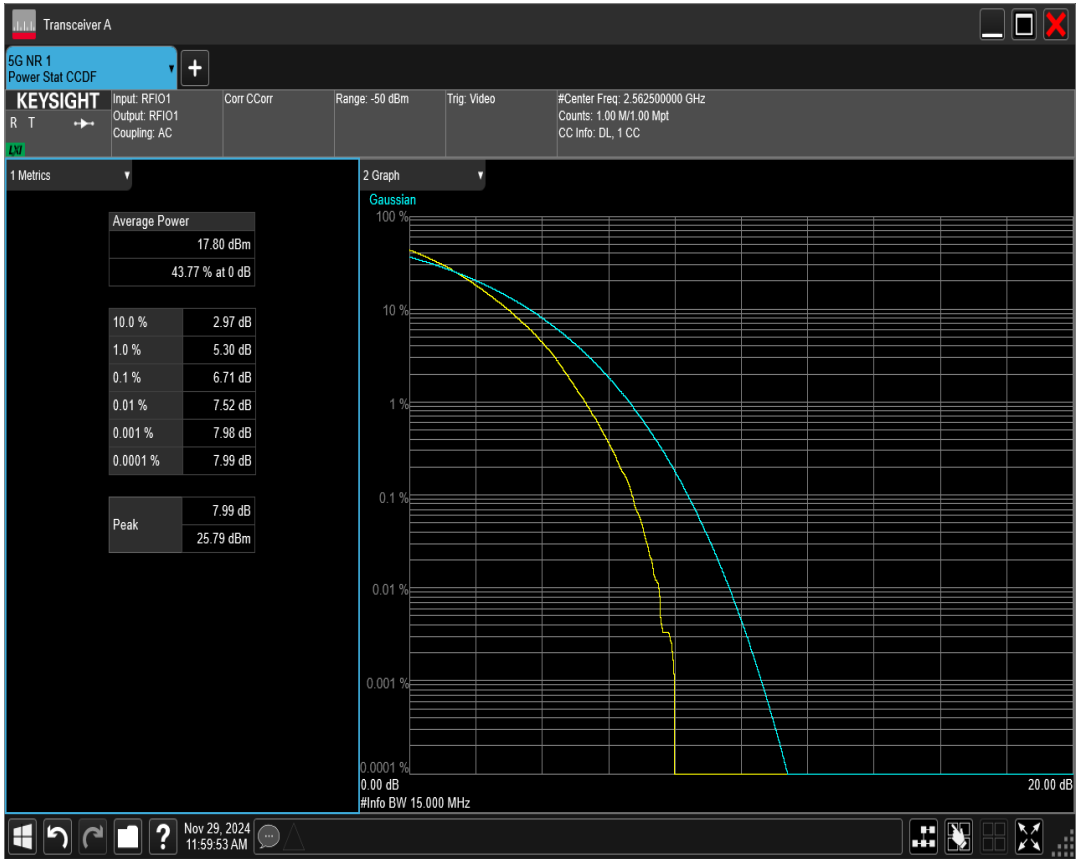
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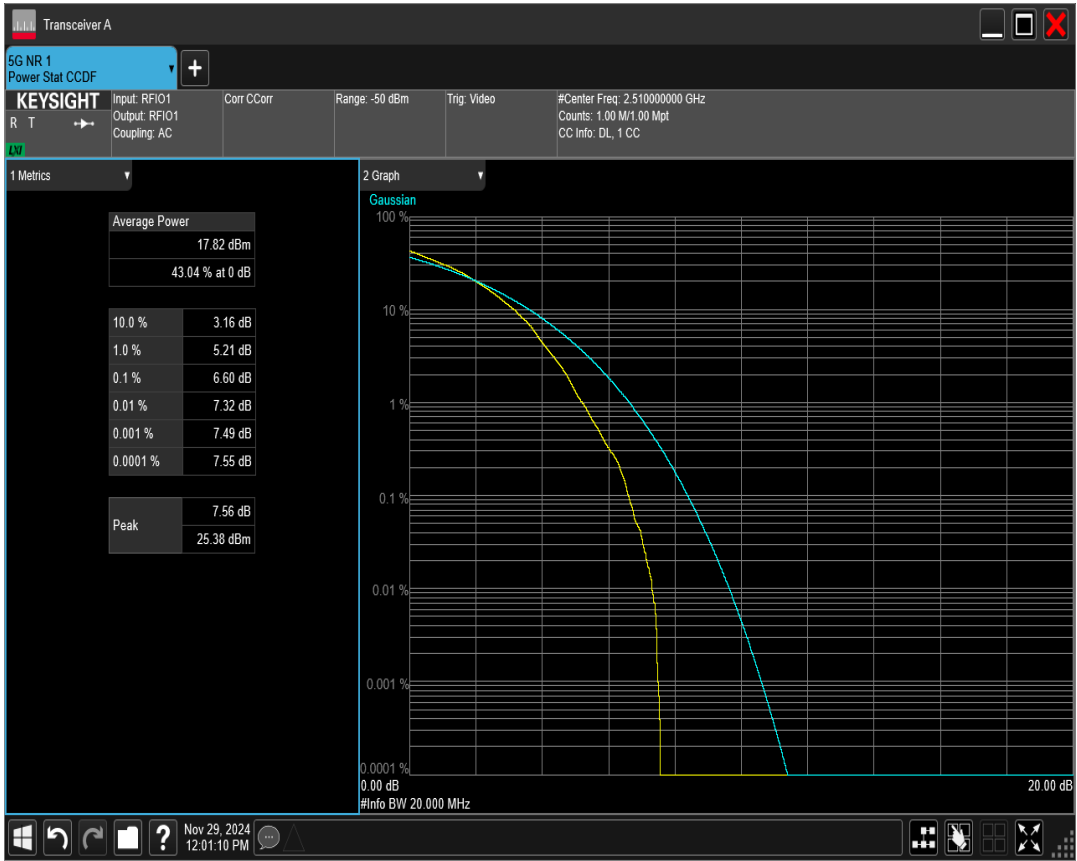
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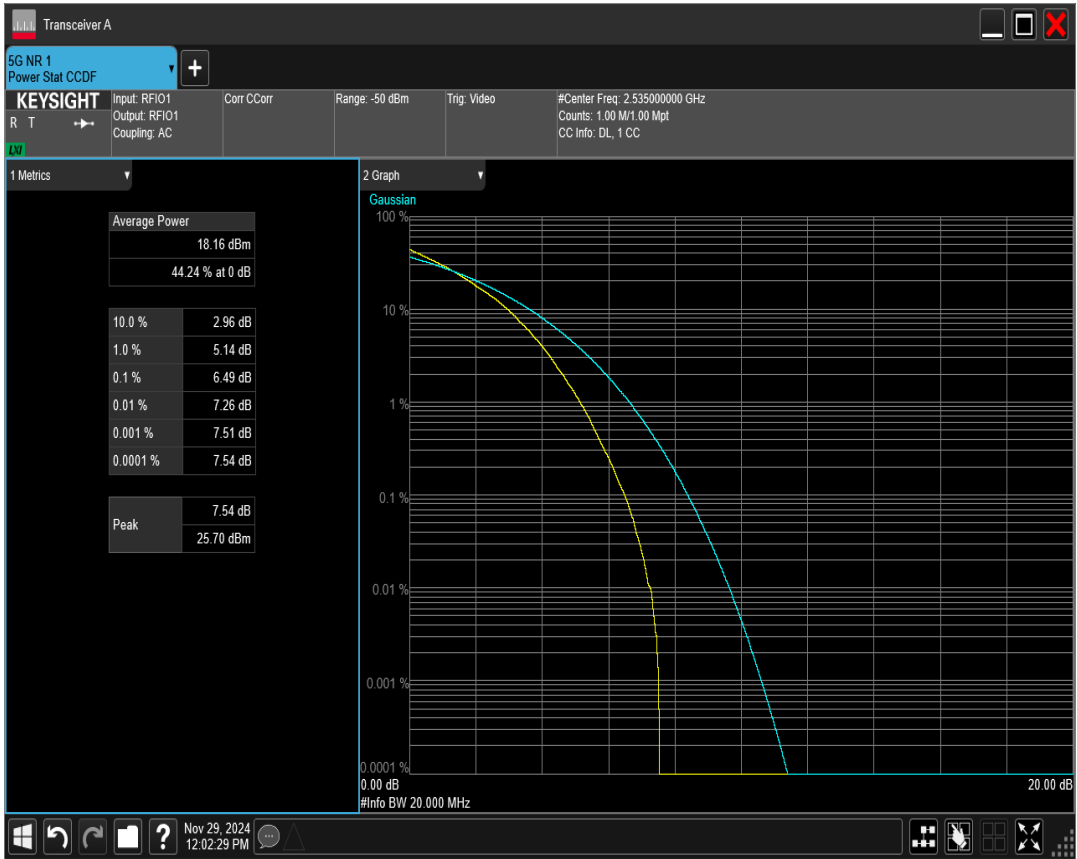
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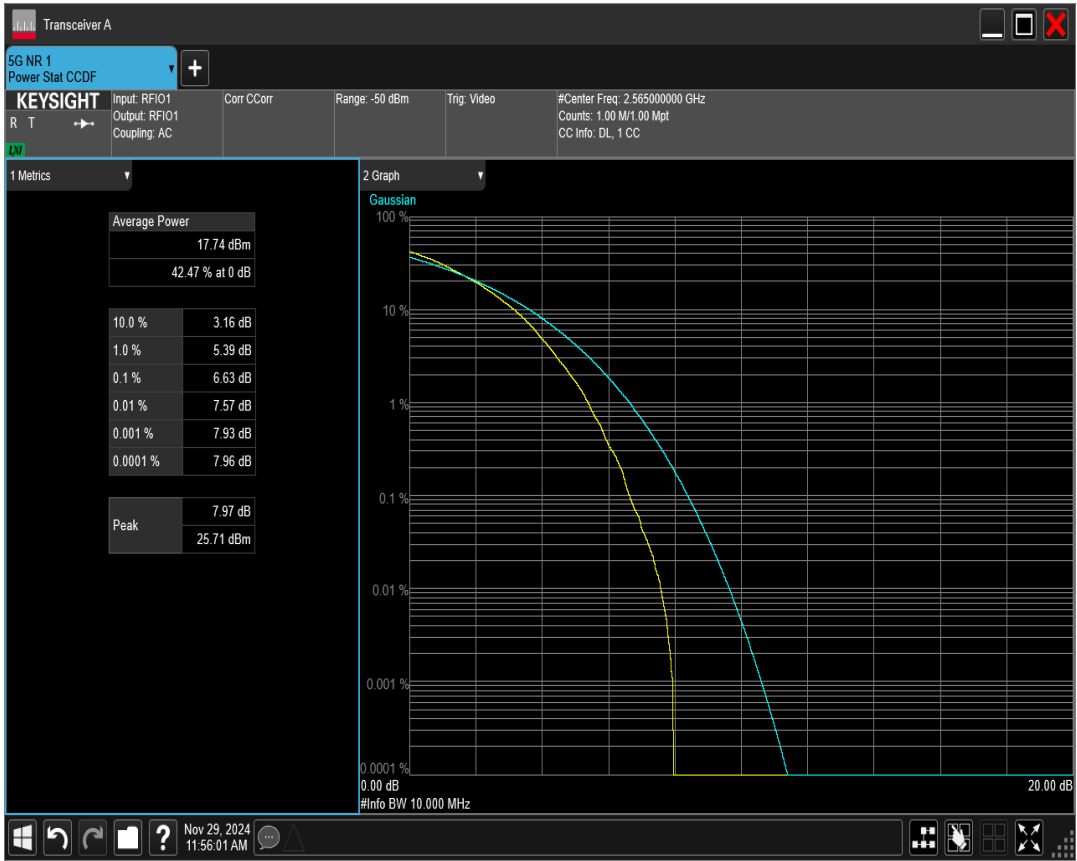
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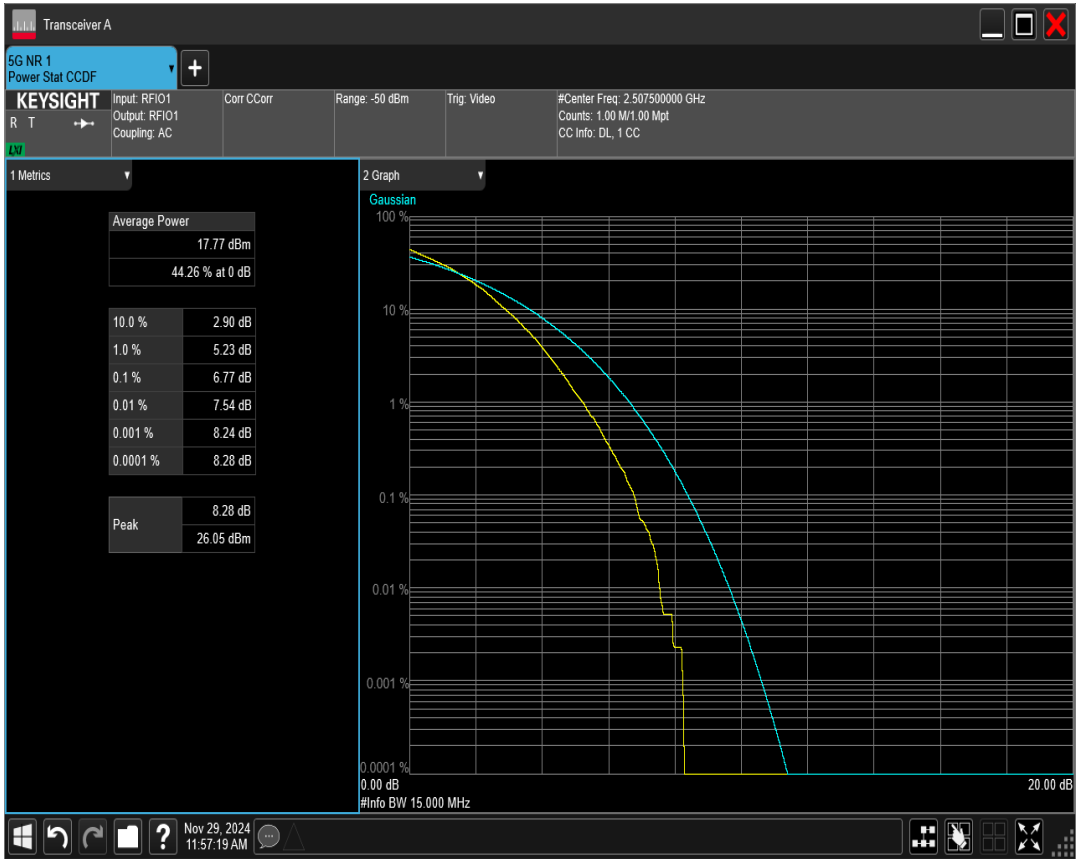
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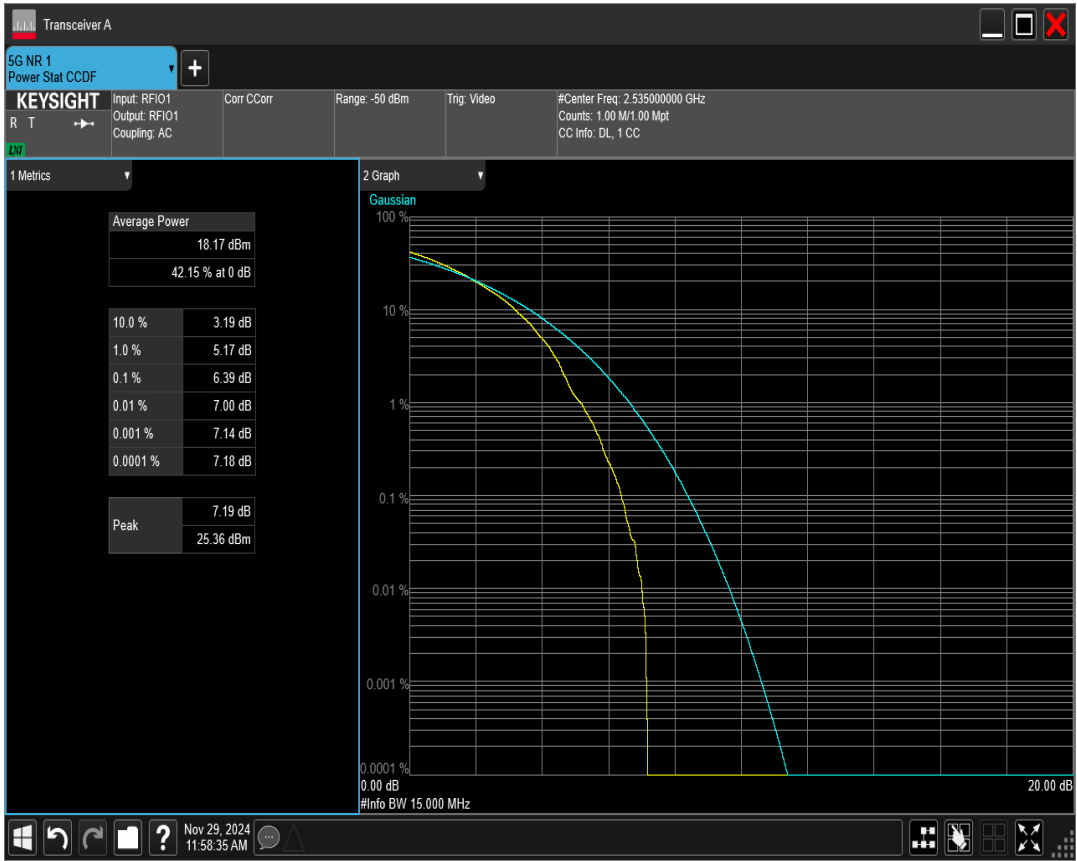
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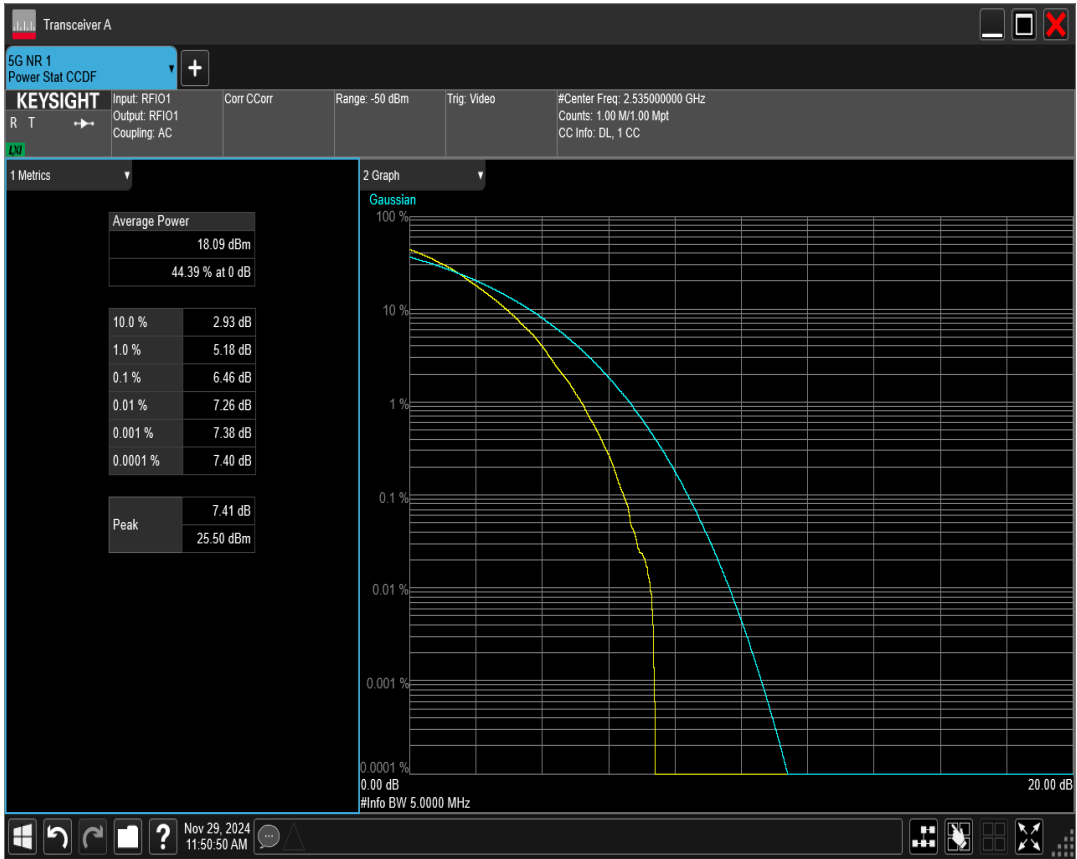
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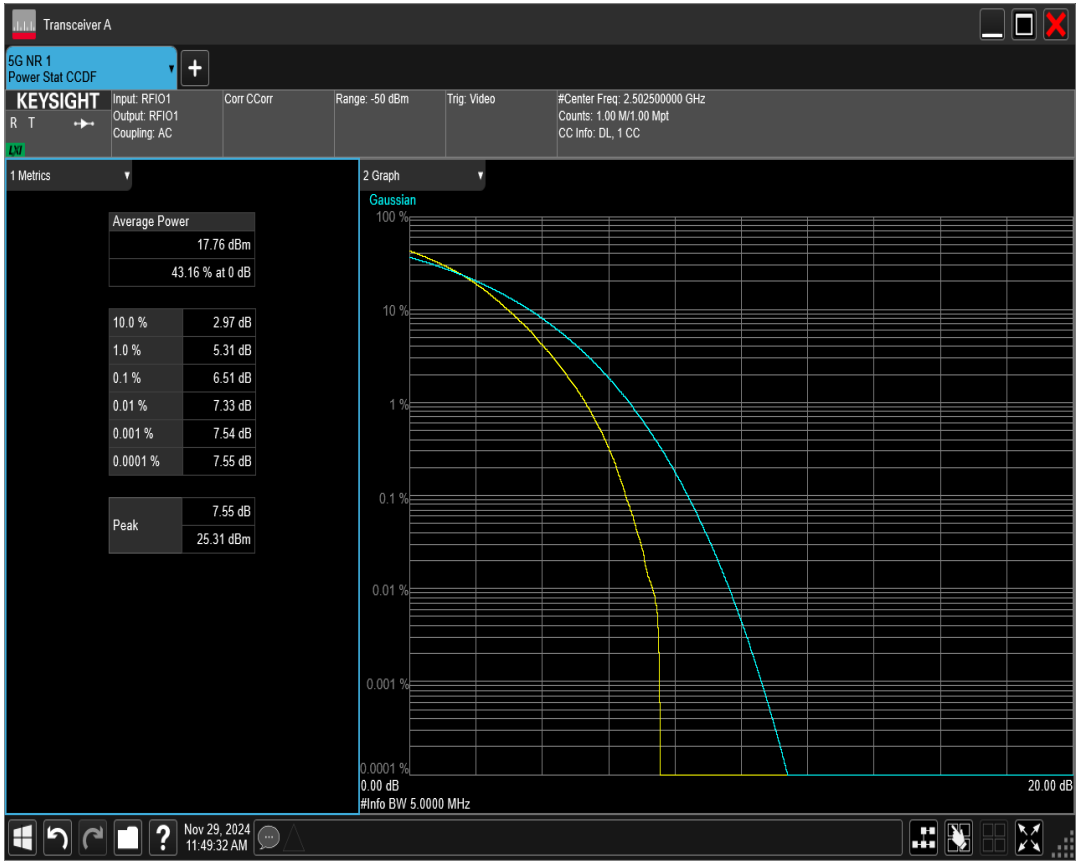
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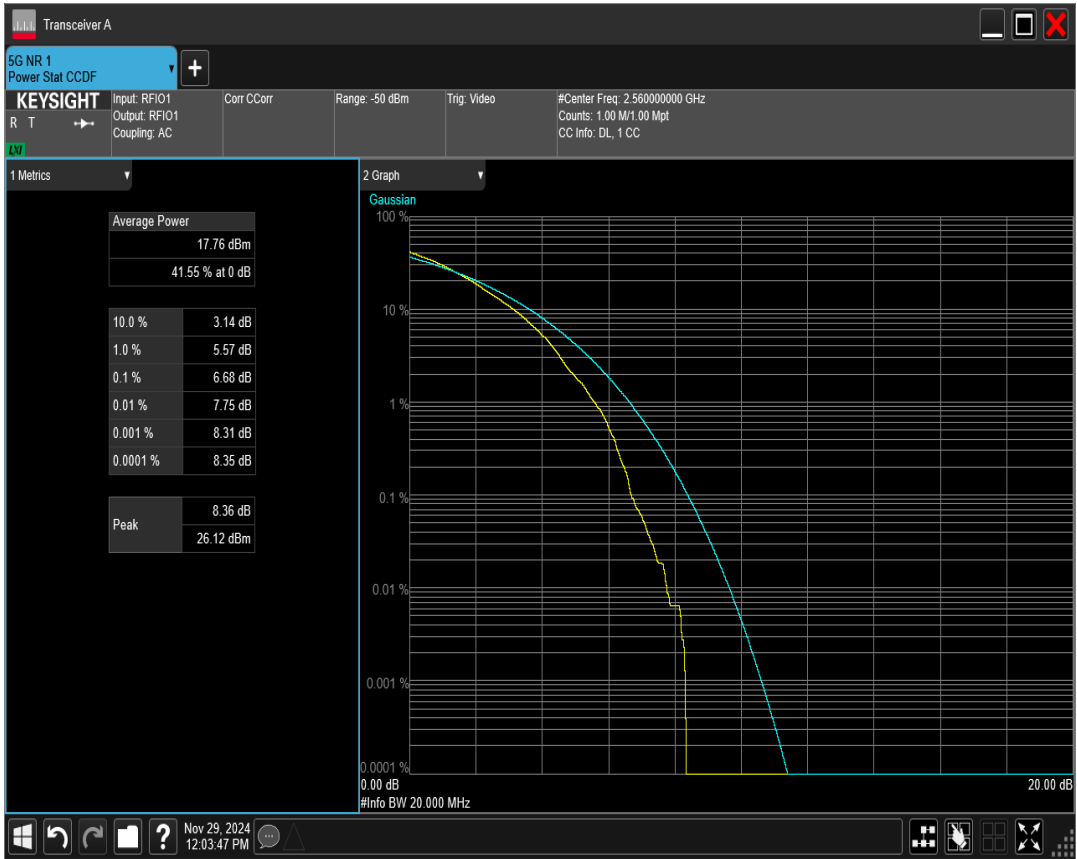
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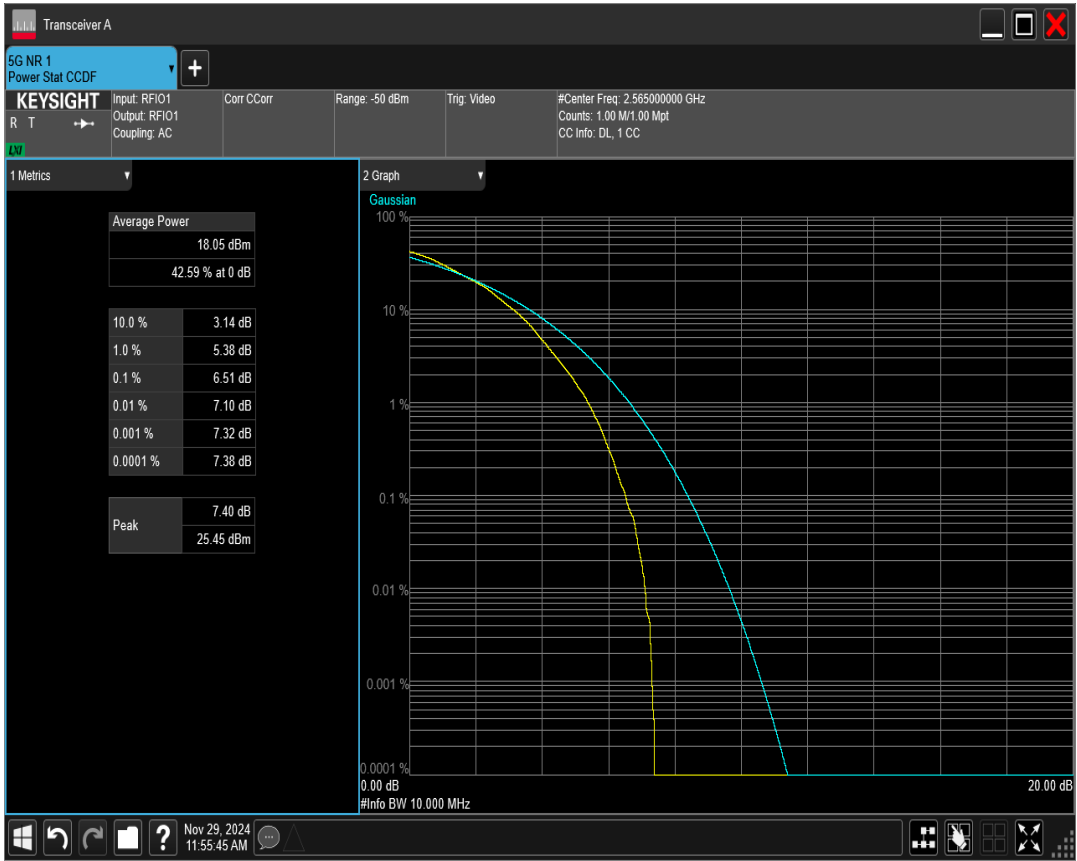
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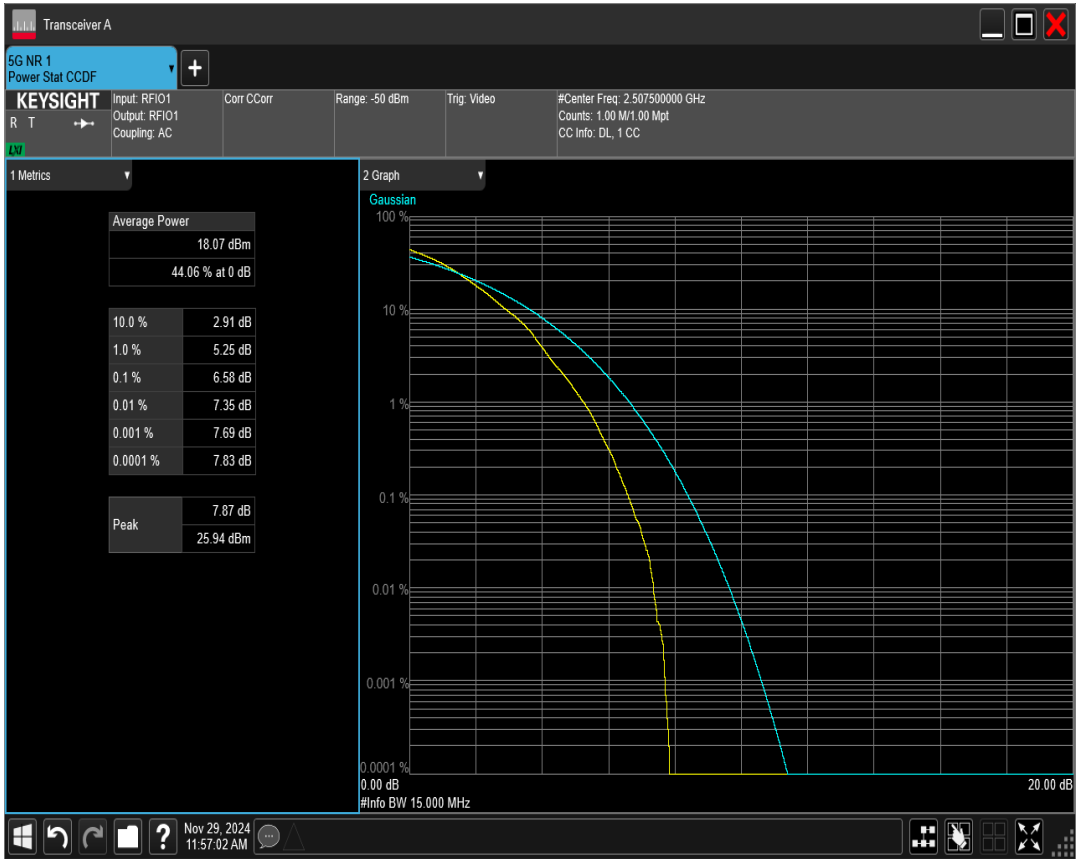
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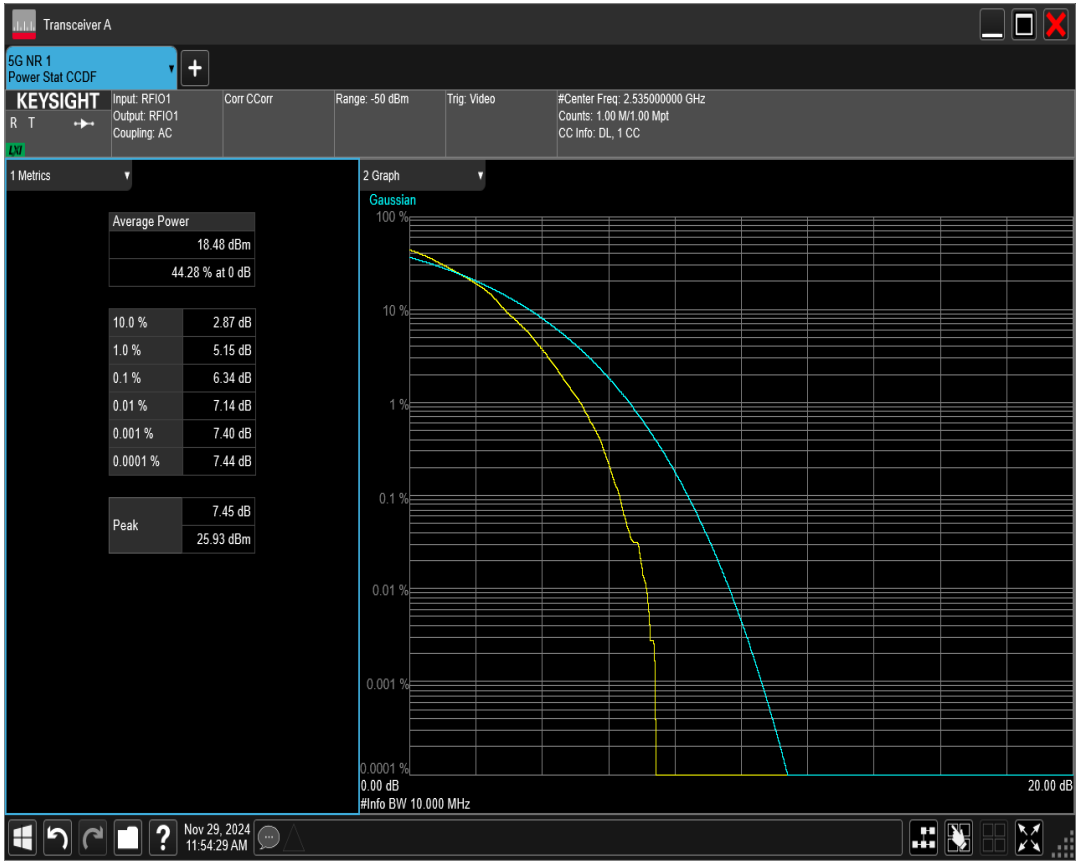
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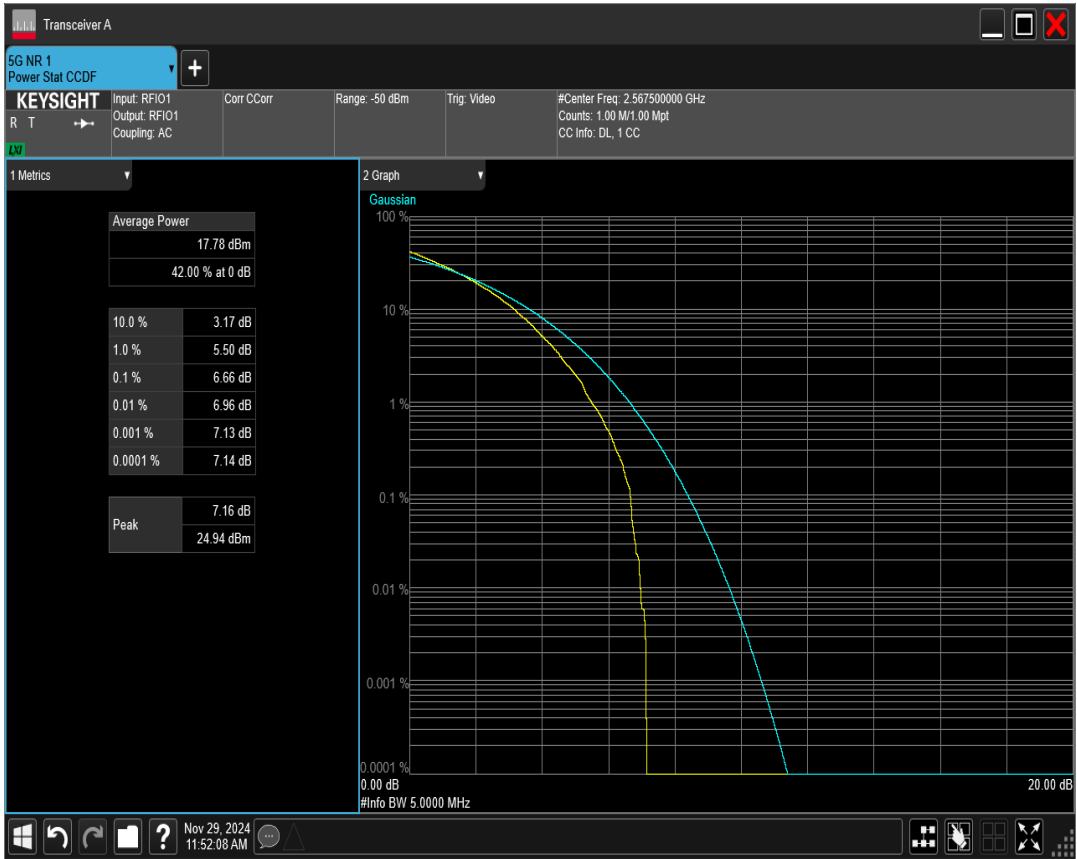
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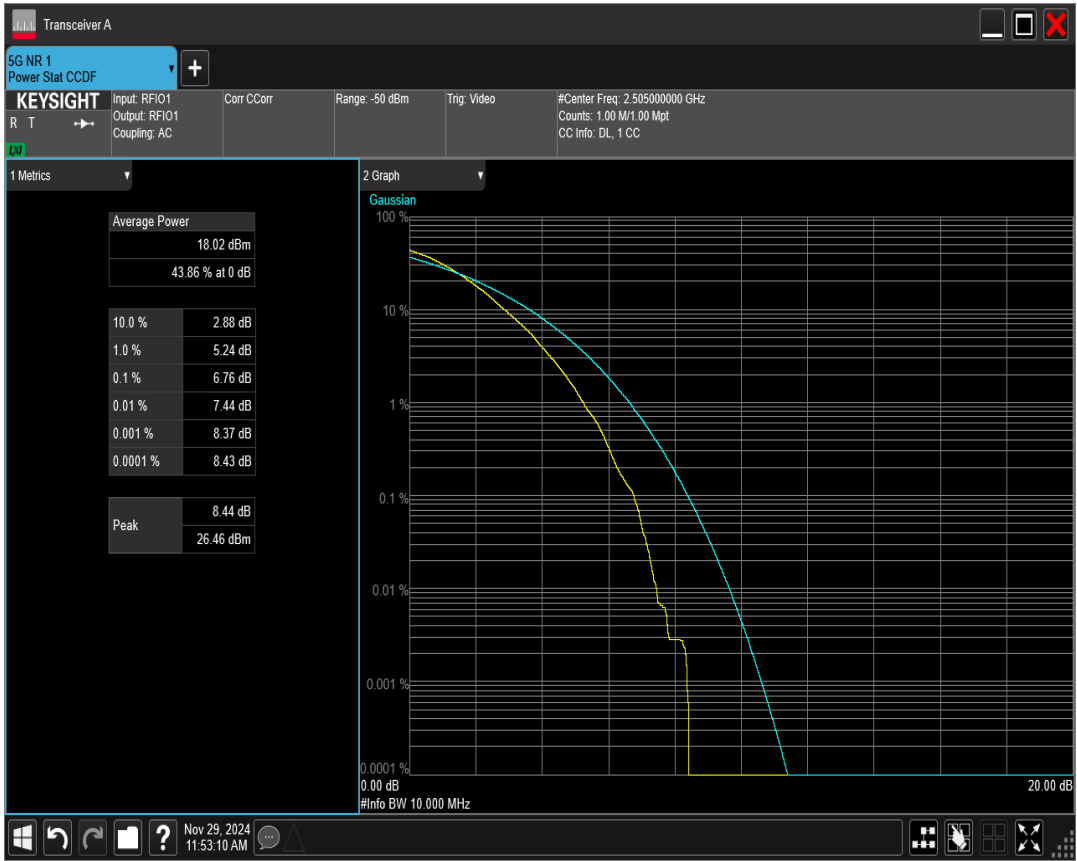
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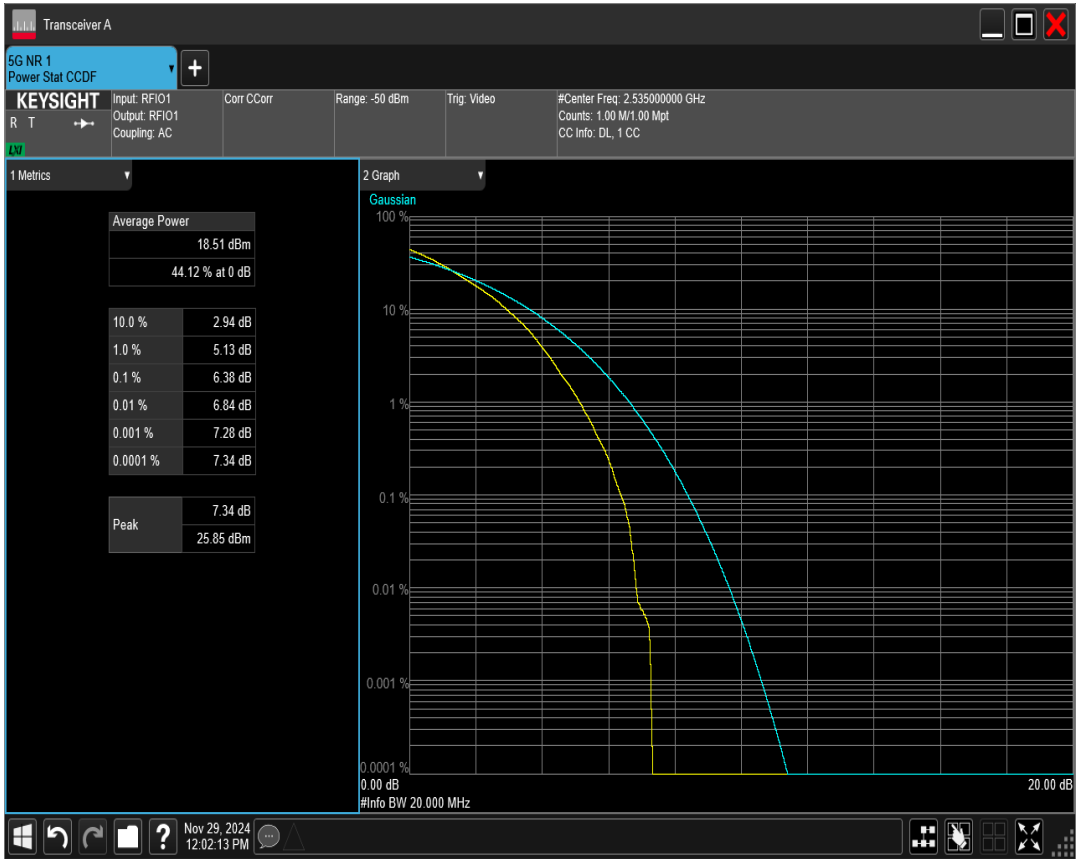
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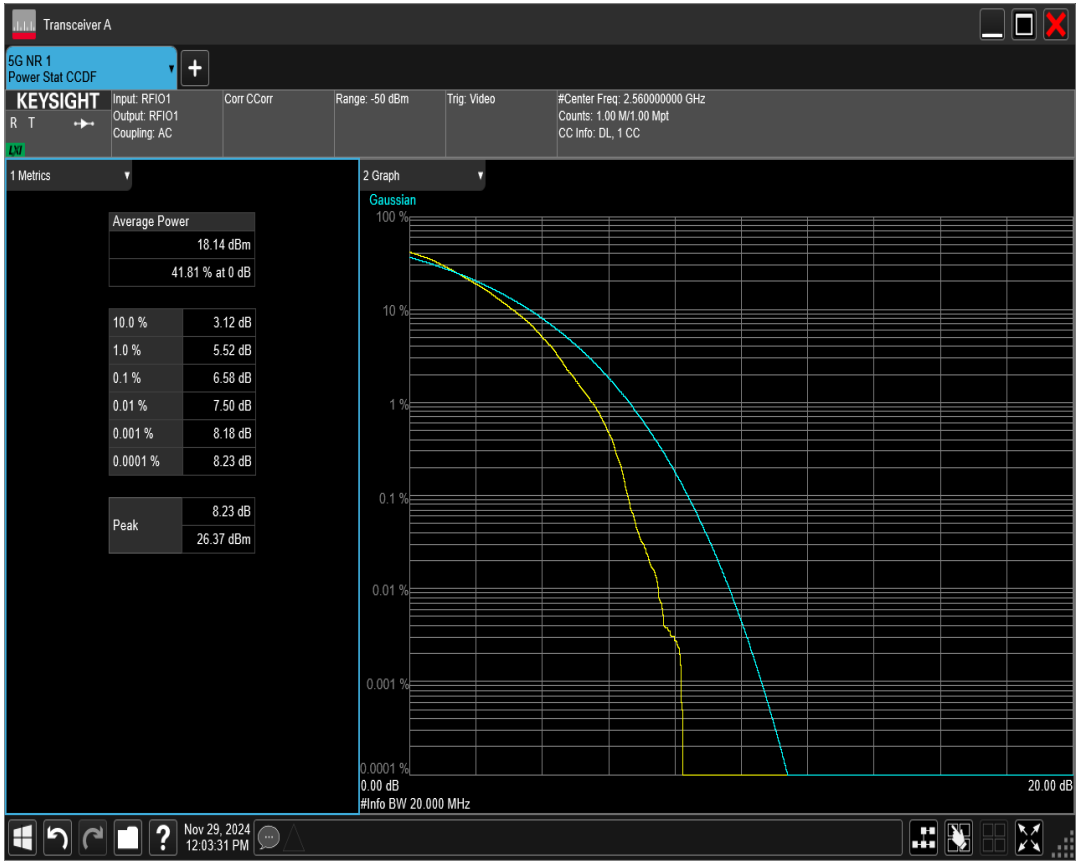
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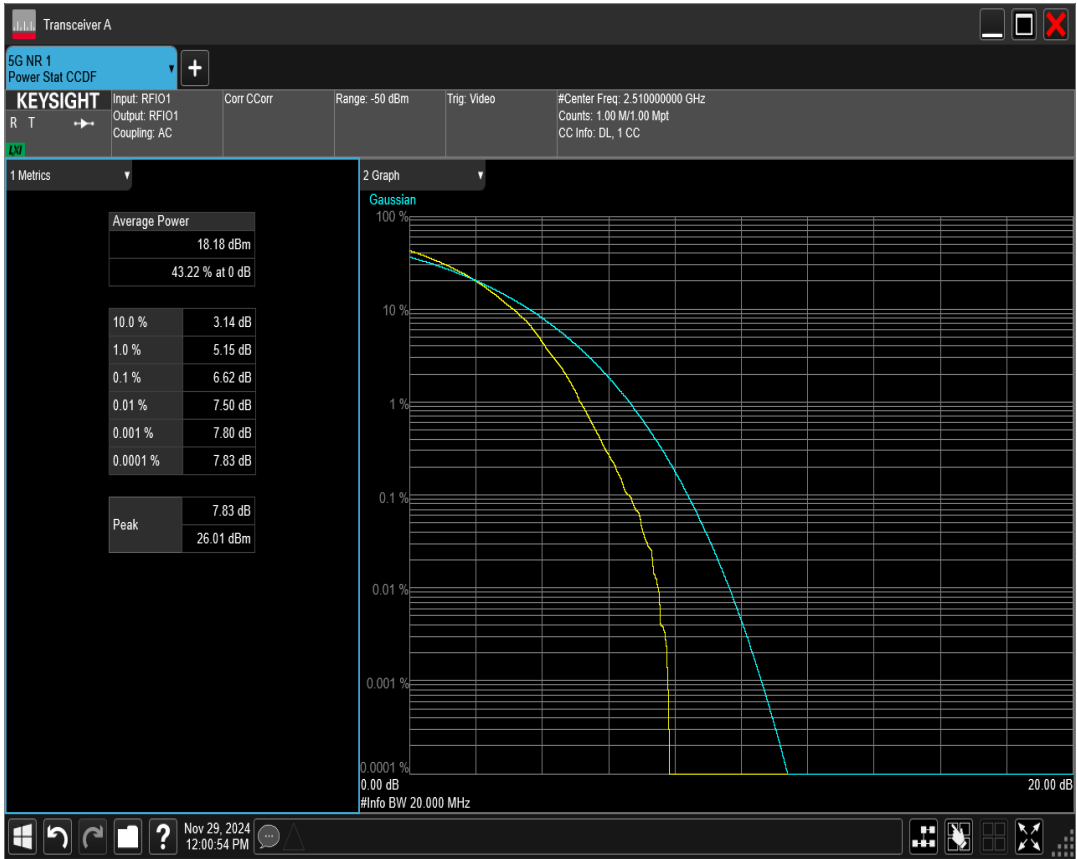
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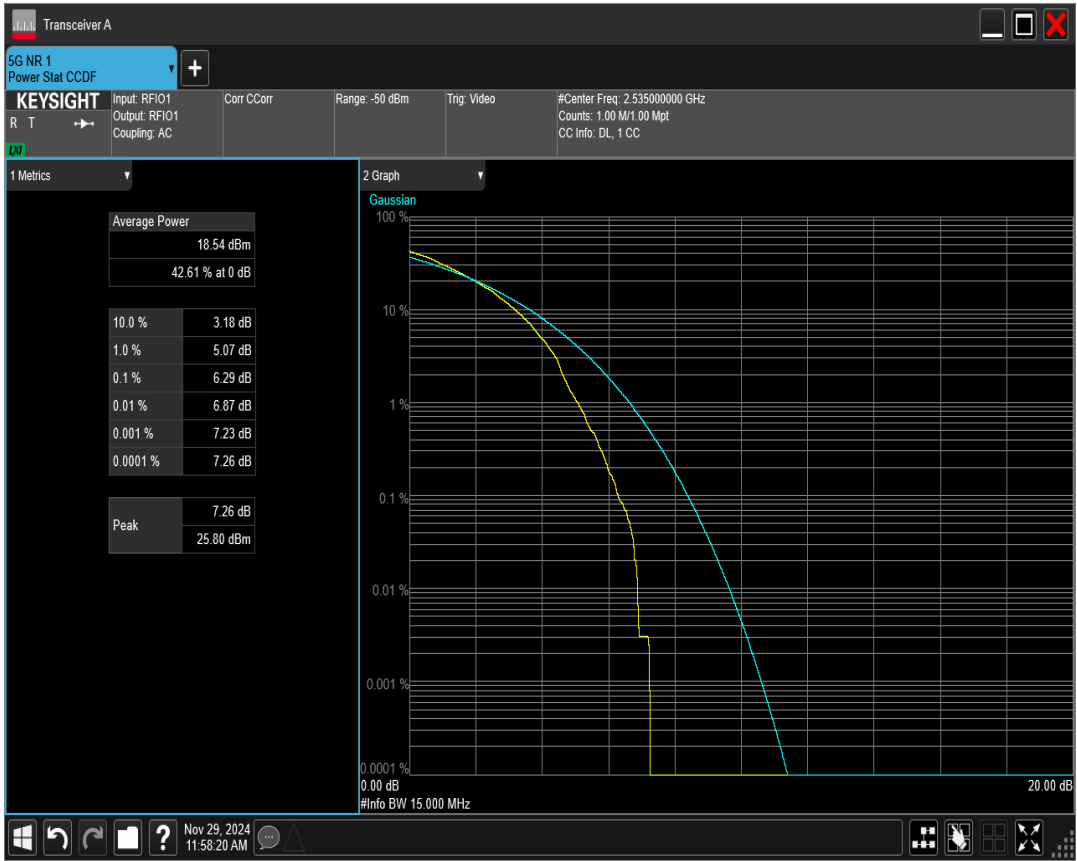
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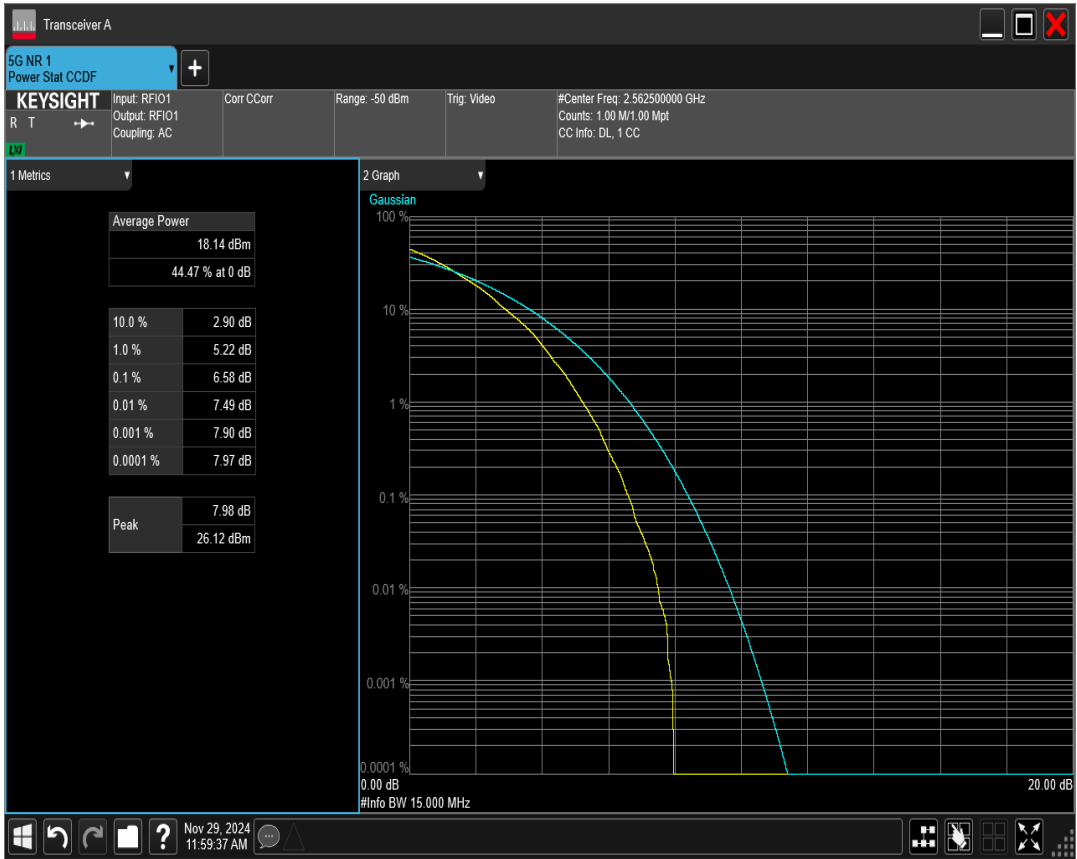
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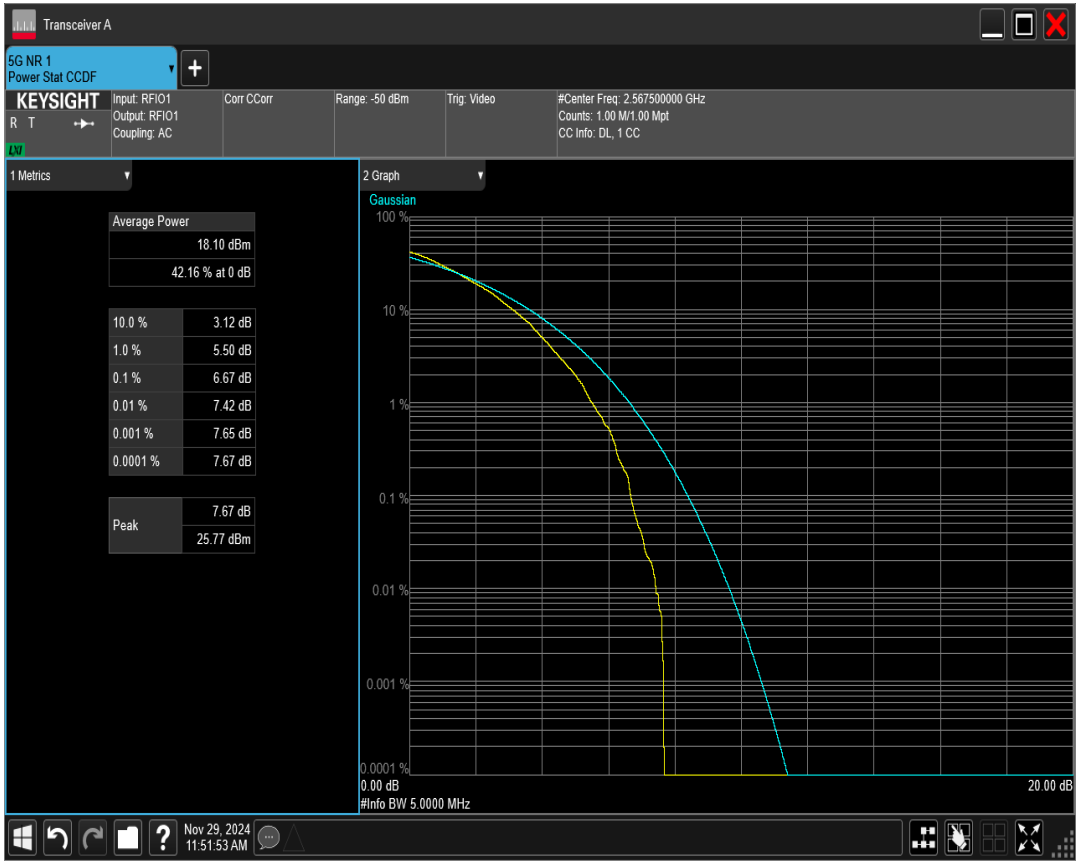
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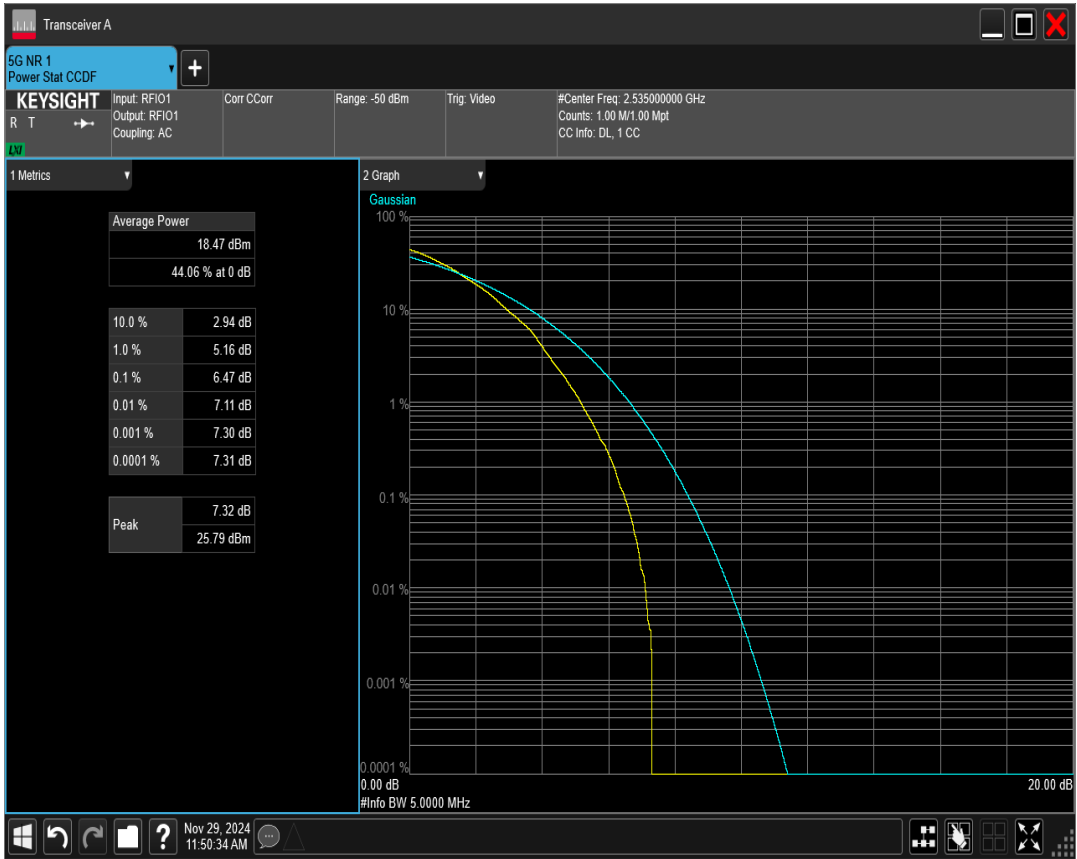
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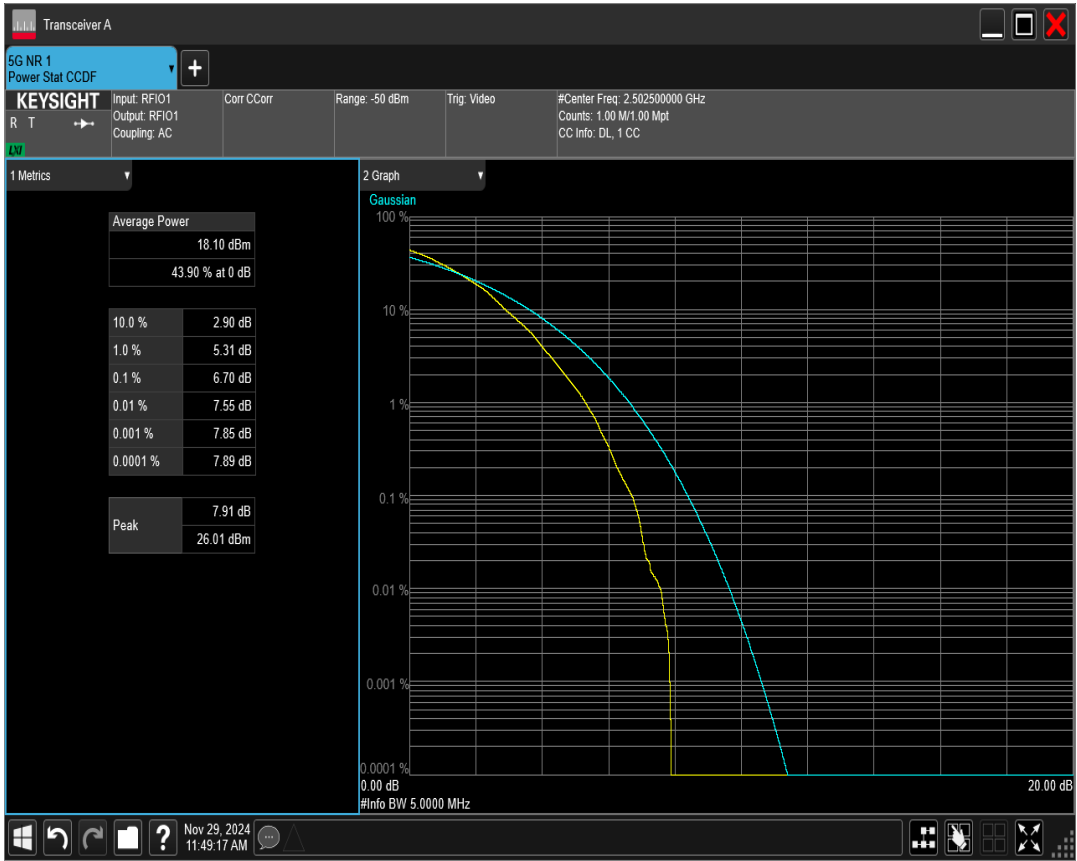
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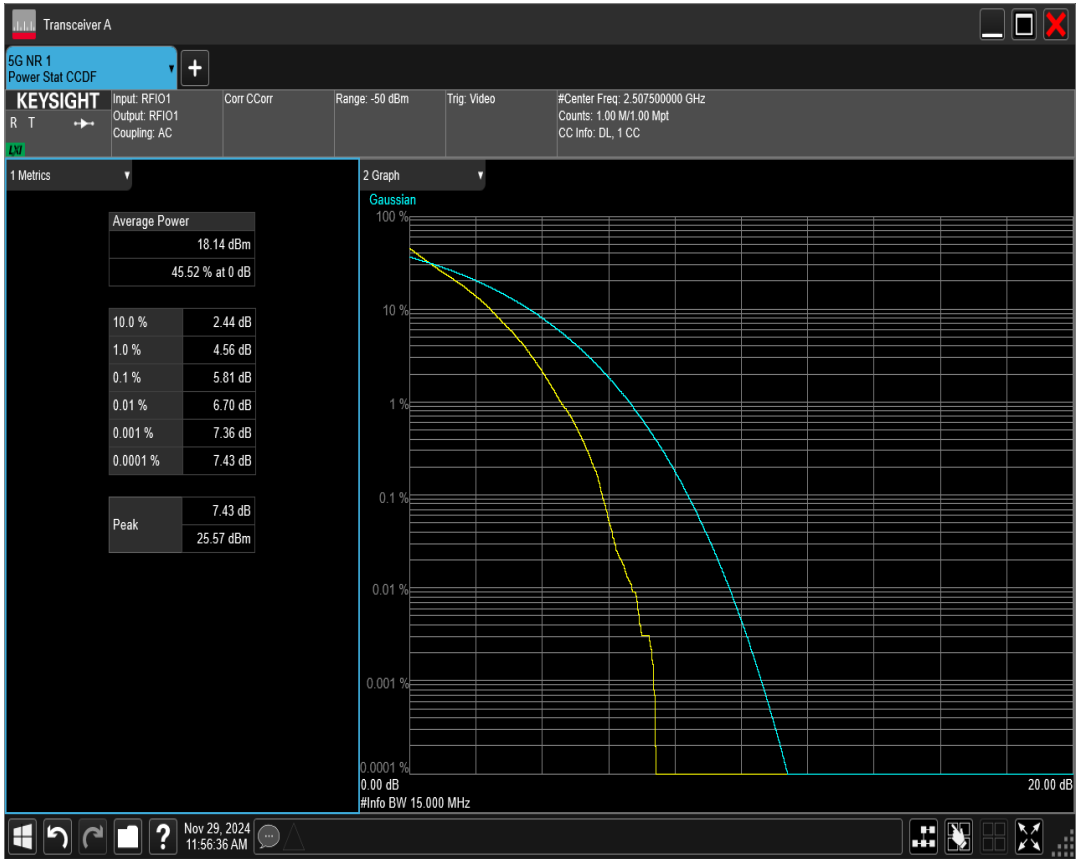
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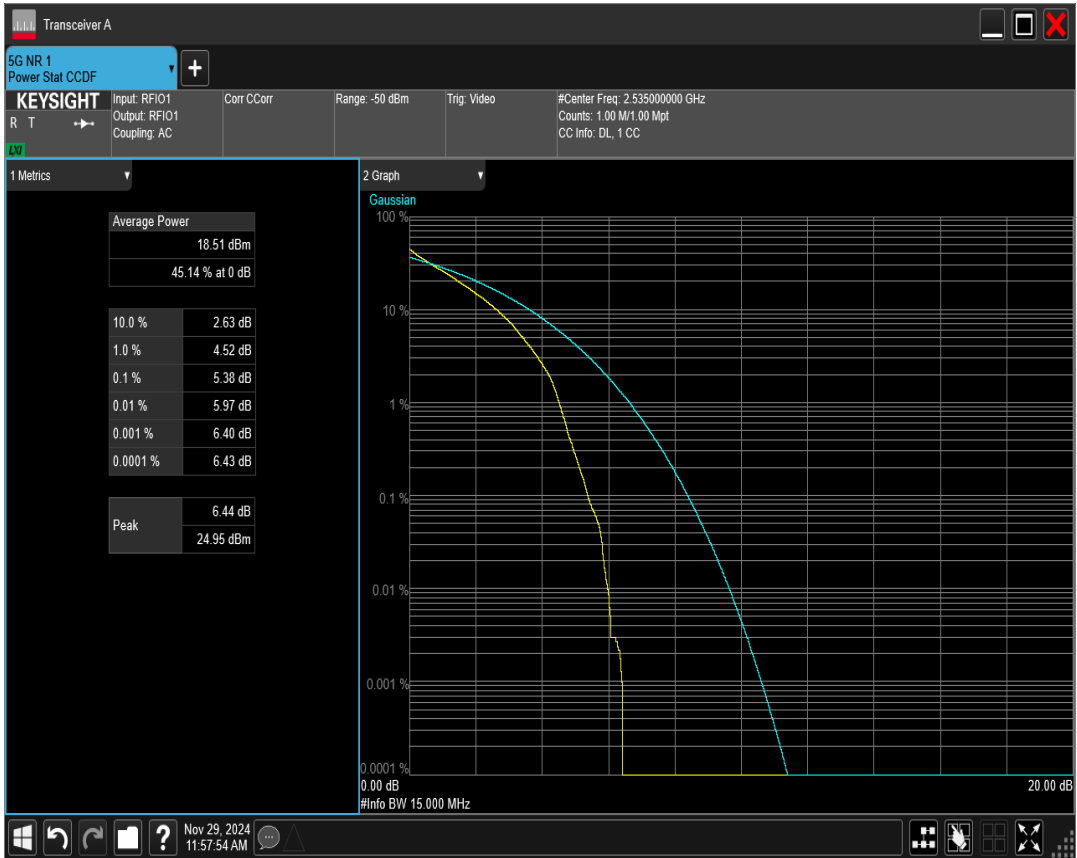
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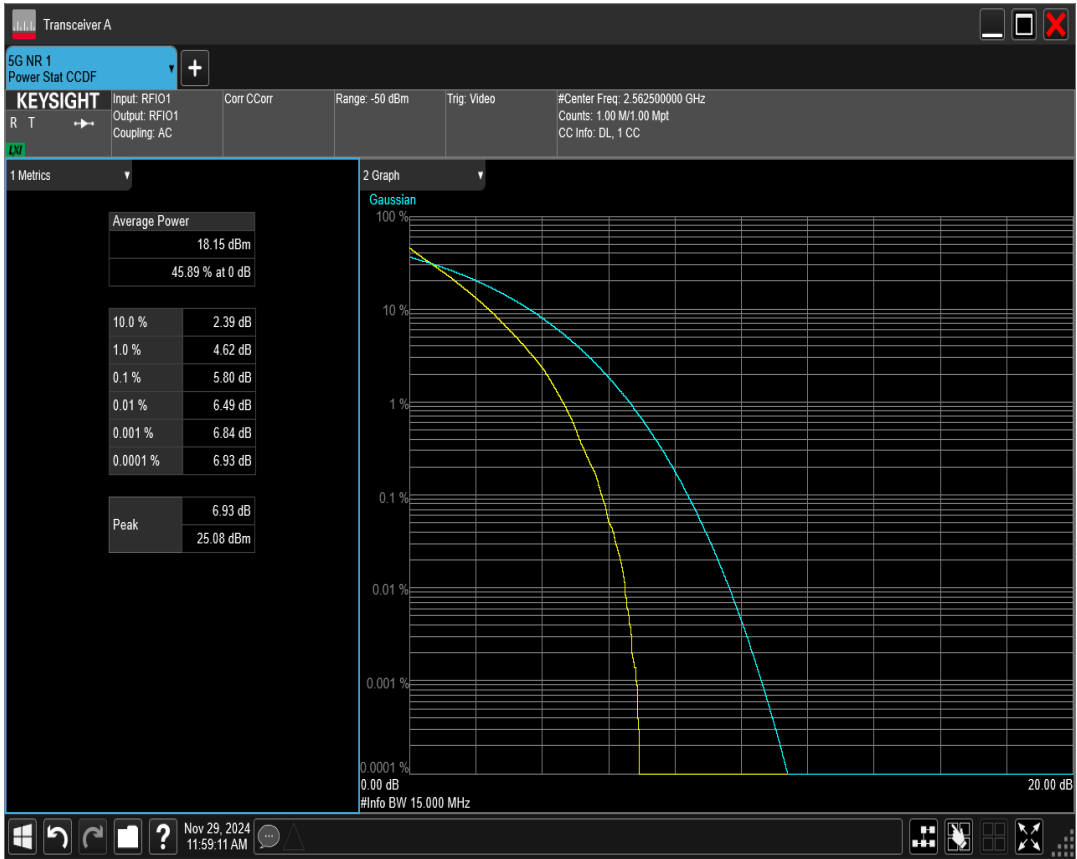
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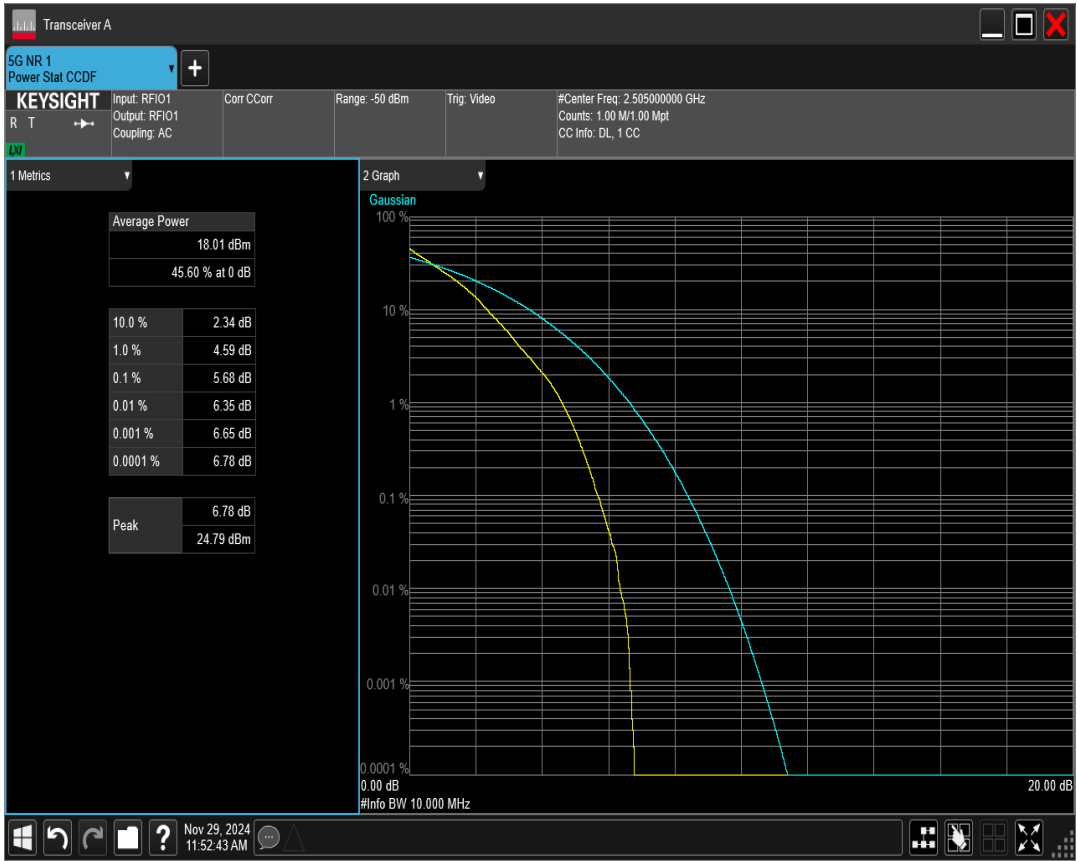
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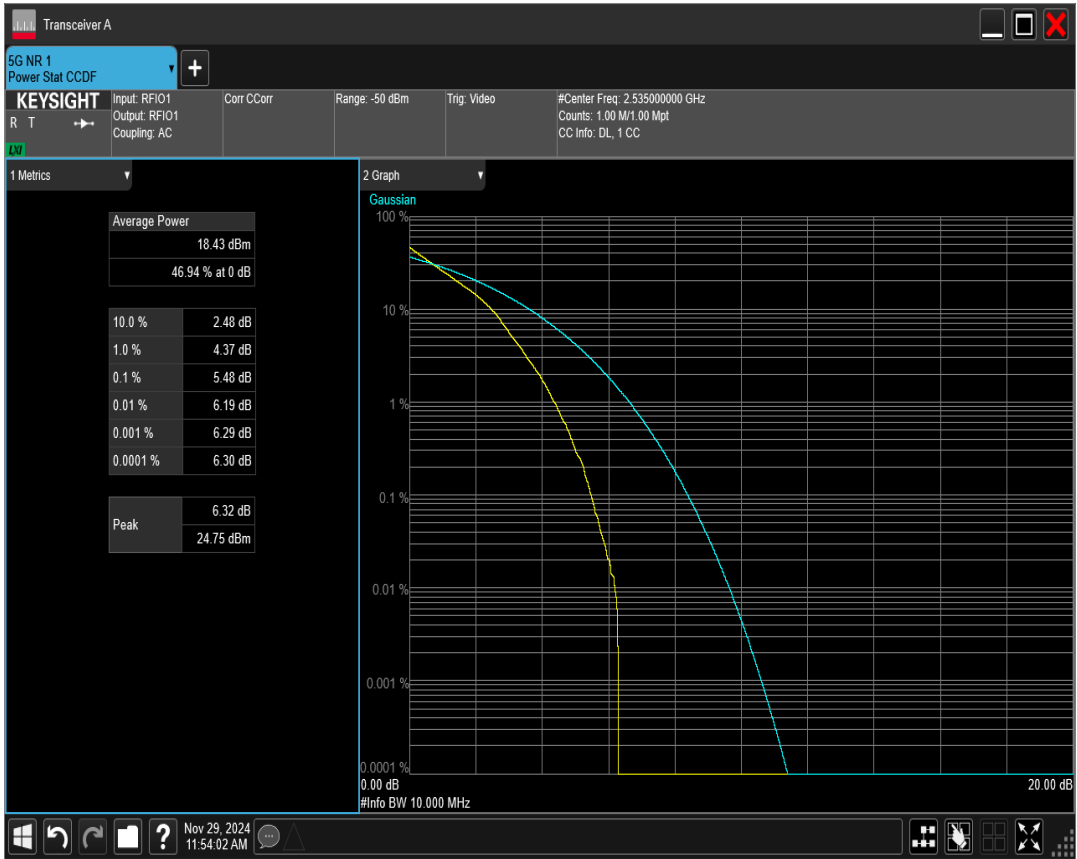
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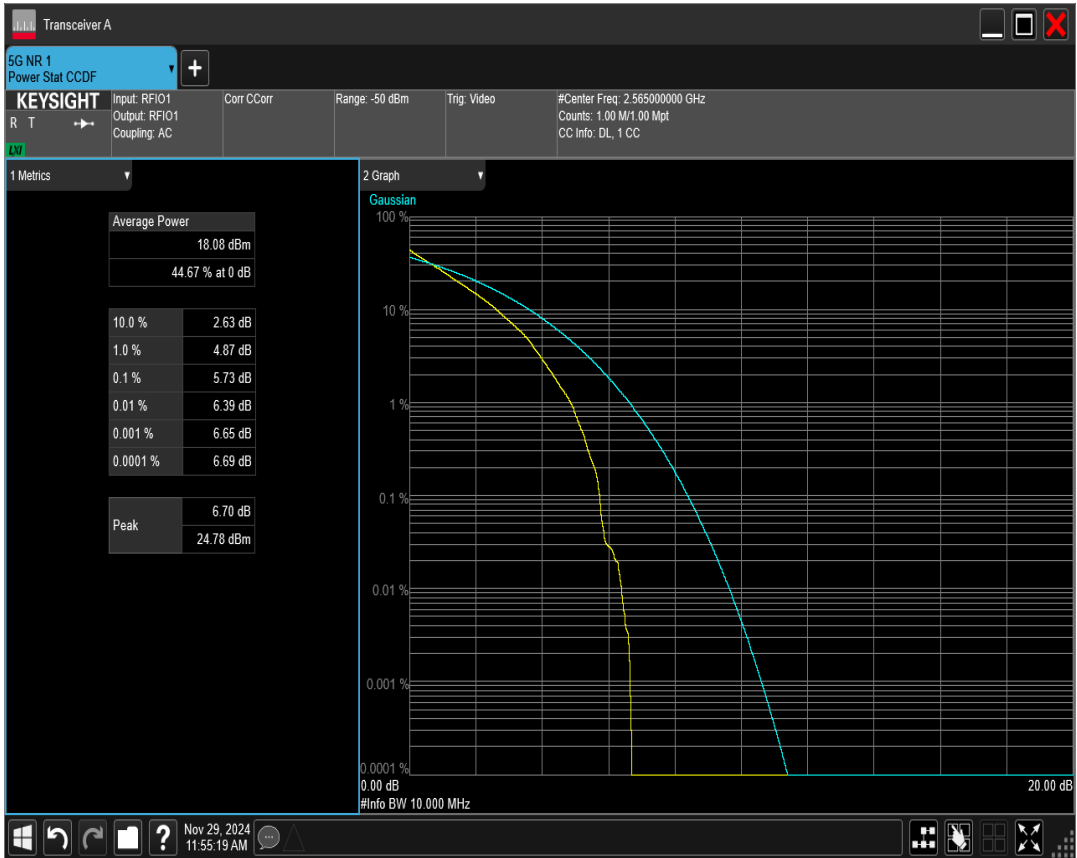
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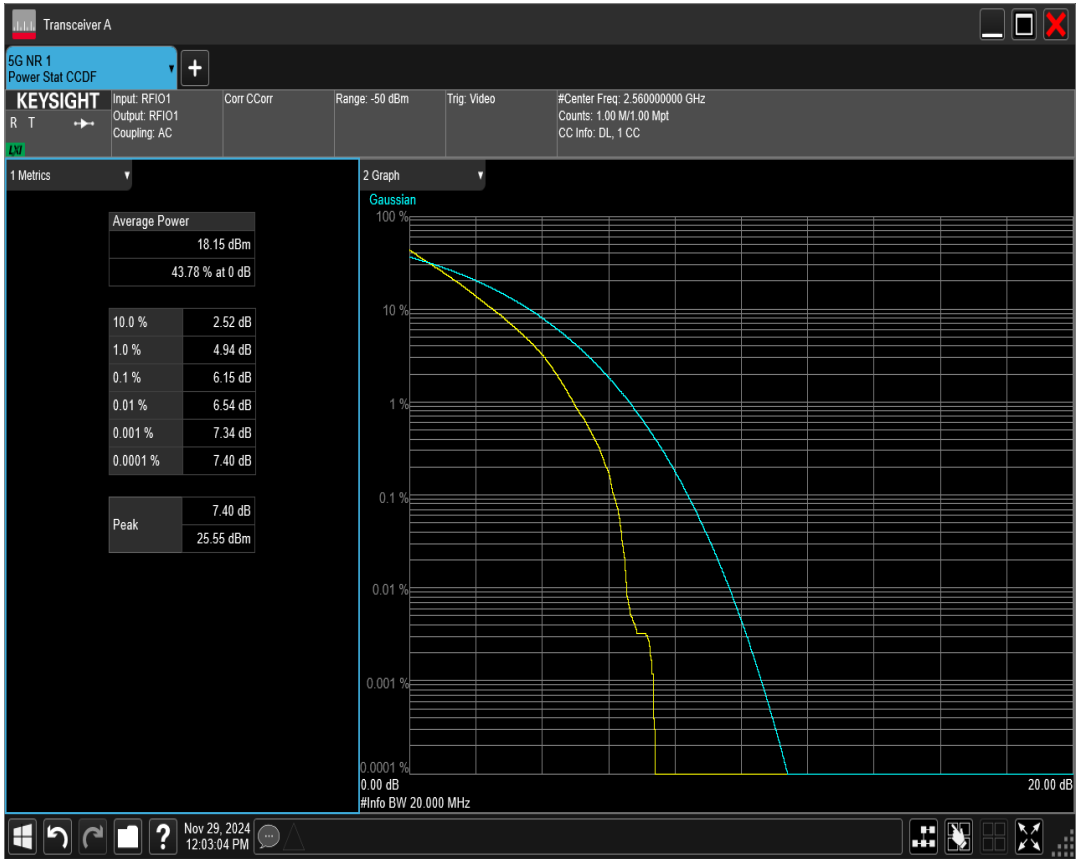
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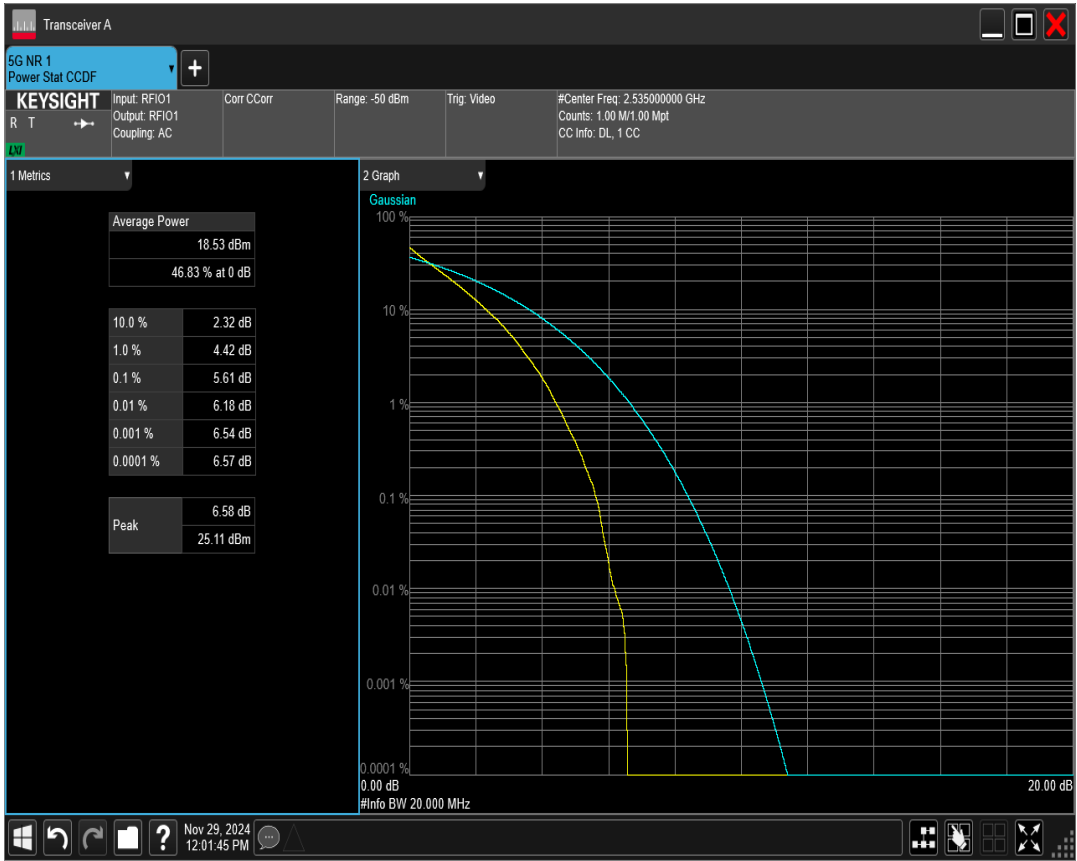
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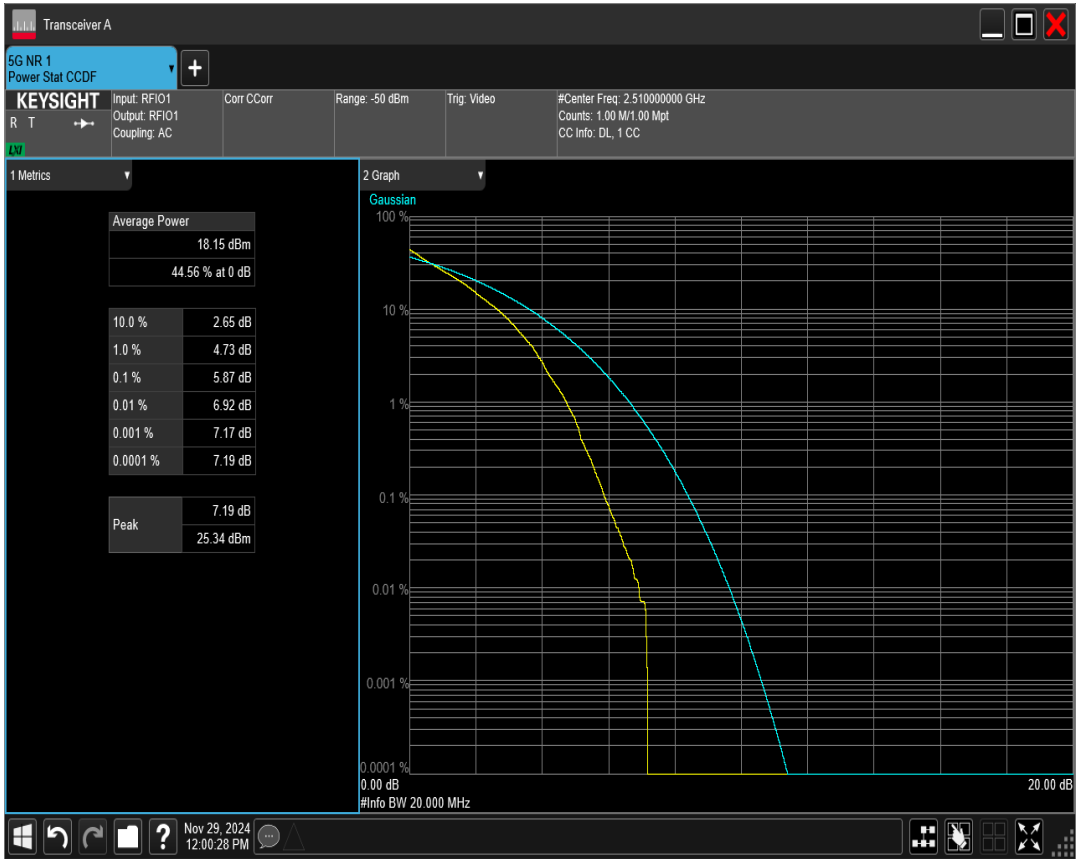
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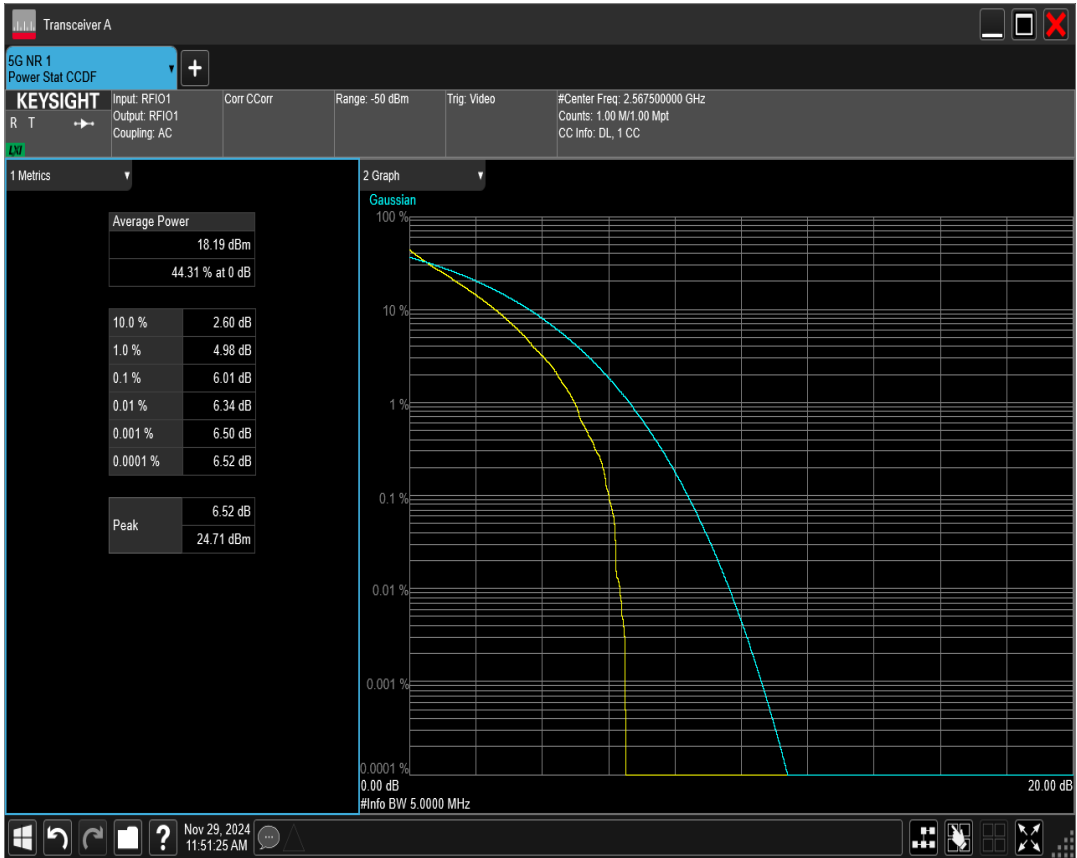
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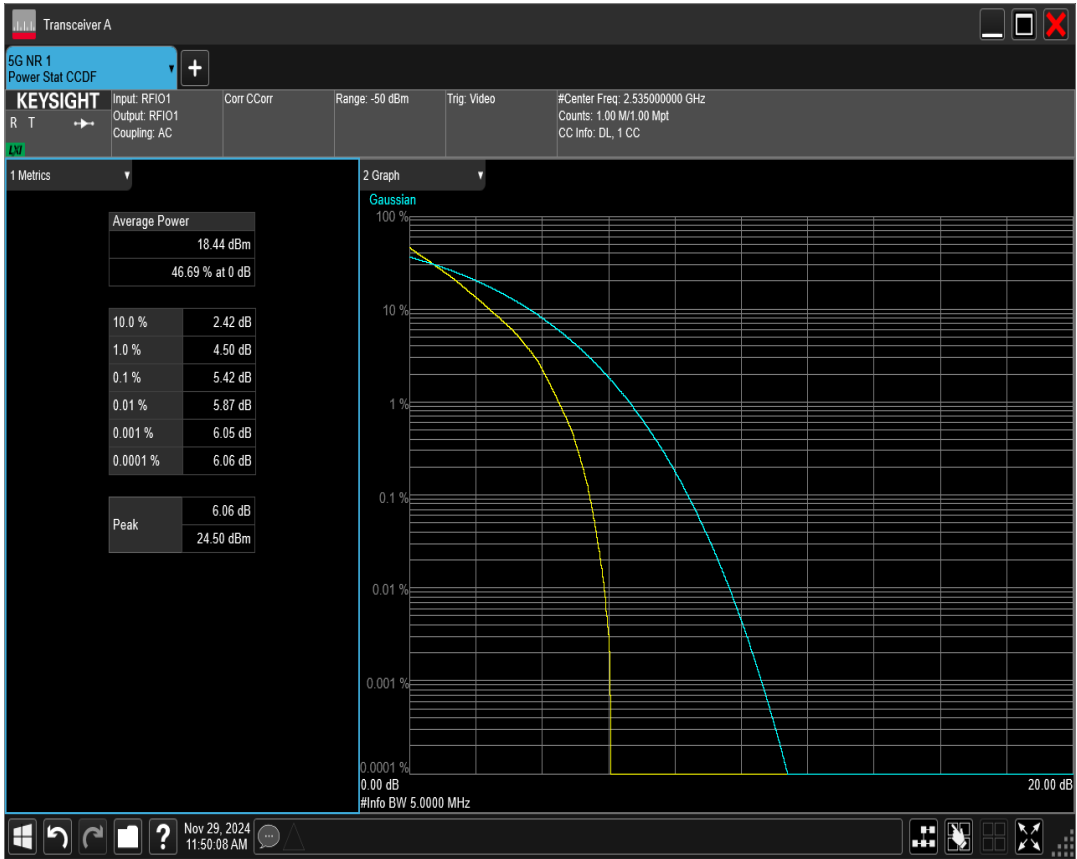
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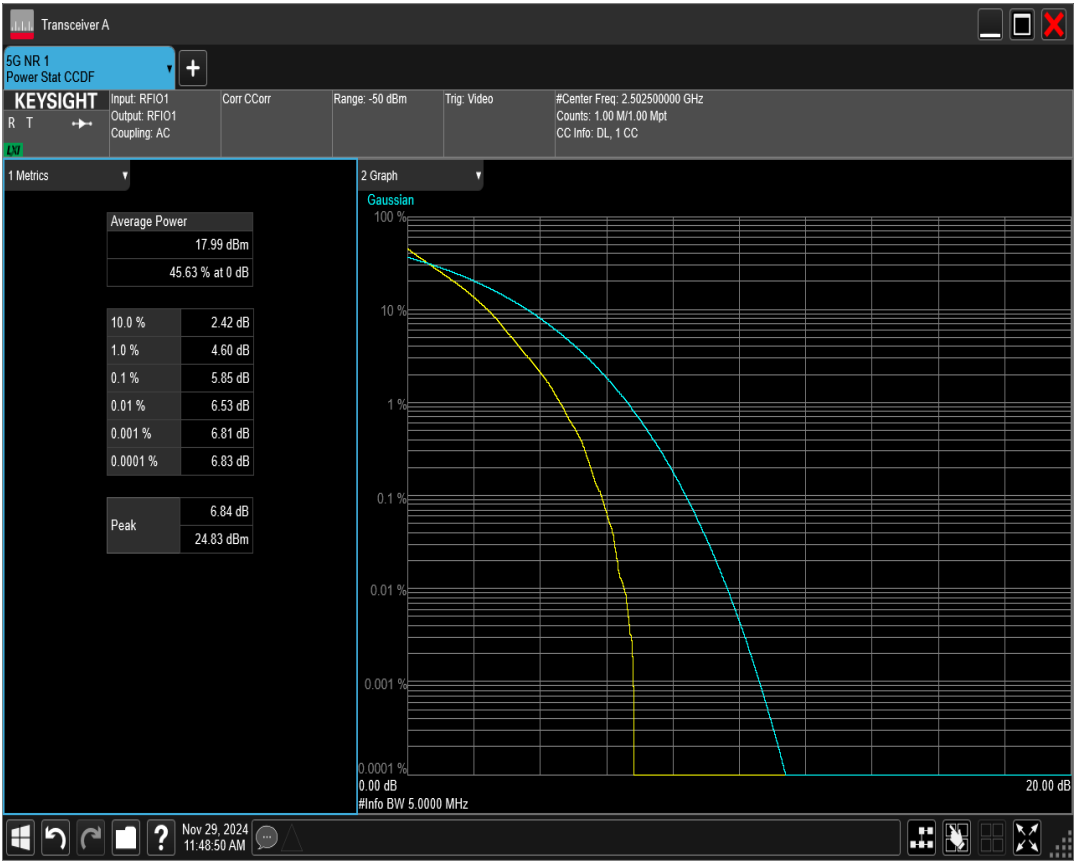
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*n7 SCS=15kHz DFT\_QPSK BW=5MHz Channel=507000 RB=25@0*



*n7 SCS=15kHz DFT\_QPSK BW=5MHz Channel=500500 RB=25@0*



## 4 Occupied bandwidth for EN-DC

| <b>Band</b> | <b>SCS<br/>(kHz)</b> | <b>Bandwidth<br/>(MHz)</b> | <b>UL<br/>Channel</b> | <b>RB<br/>Allocation</b> | <b>Modulation</b> | <b>99% OBW<br/>(MHz)</b> | <b>-26dB EBW<br/>(MHz)</b> | <b>Verdict</b> |
|-------------|----------------------|----------------------------|-----------------------|--------------------------|-------------------|--------------------------|----------------------------|----------------|
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_BPSK          | 4.470                    | 4.630                      | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QPSK          | 4.460                    | 4.650                      | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QAM16         | 4.460                    | 4.650                      | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QAM64         | 4.470                    | 4.630                      | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QAM256        | 4.460                    | 4.630                      | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_BPSK          | 9.230                    | 9.130                      | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QPSK          | 9.190                    | 9.100                      | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QAM16         | 9.260                    | 9.150                      | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QAM64         | 9.190                    | 9.100                      | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QAM256        | 9.160                    | 9.150                      | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_BPSK          | 13.970                   | 13.650                     | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QPSK          | 14.010                   | 13.630                     | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QAM16         | 13.930                   | 13.650                     | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QAM64         | 13.990                   | 13.600                     | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QAM256        | 13.920                   | 13.620                     | PASS           |
| n7          | 15                   | 20                         | 507000                | 100@0                    | DFT_BPSK          | 18.780                   | 18.160                     | PASS           |
| n7          | 15                   | 20                         | 507000                | 100@0                    | DFT_QPSK          | 18.680                   | 18.120                     | PASS           |
| n7          | 15                   | 20                         | 507000                | 100@0                    | DFT_QAM16         | 18.650                   | 18.090                     | PASS           |
| n7          | 15                   | 20                         | 507000                | 100@0                    | DFT_QAM64         | 18.730                   | 18.140                     | PASS           |
| n7          | 15                   | 20                         | 507000                | 100@0                    | DFT_QAM256        | 18.680                   | 18.140                     | PASS           |

**n7 SCS=15kHz DFT\_BPSK BW=10MHz Channel=507000 RB=50@0**



*n7 SCS=15kHz DFT\_BPSK BW=20MHz Channel=507000 RB=100@0*



*n7 SCS=15kHz DFT\_BPSK BW=15MHz Channel=507000 RB=75@0*



n7 SCS=15kHz DFT\_QAM16 BW=10MHz Channel=507000 RB=50@0



n7 SCS=15kHz DFT\_BPSK BW=5MHz Channel=507000 RB=25@0



n7 SCS=15kHz DFT\_QAM16 BW=20MHz Channel=507000 RB=100@0



n7 SCS=15kHz DFT\_QAM16 BW=15MHz Channel=507000 RB=75@0



n7 SCS=15kHz DFT\_QAM256 BW=10MHz Channel=507000 RB=50@0



n7 SCS=15kHz DFT\_QAM16 BW=5MHz Channel=507000 RB=25@0



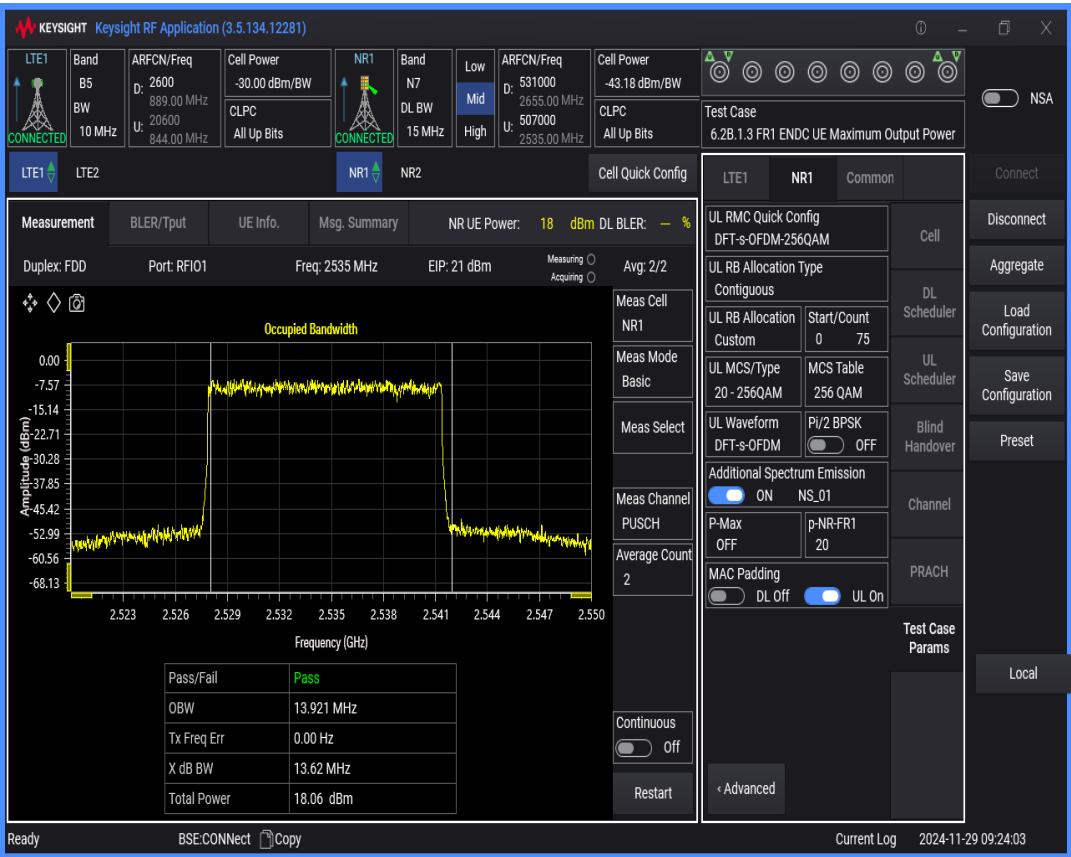
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n7 SCS=15kHz DFT\_QAM64 BW=10MHz Channel=507000 RB=50@0



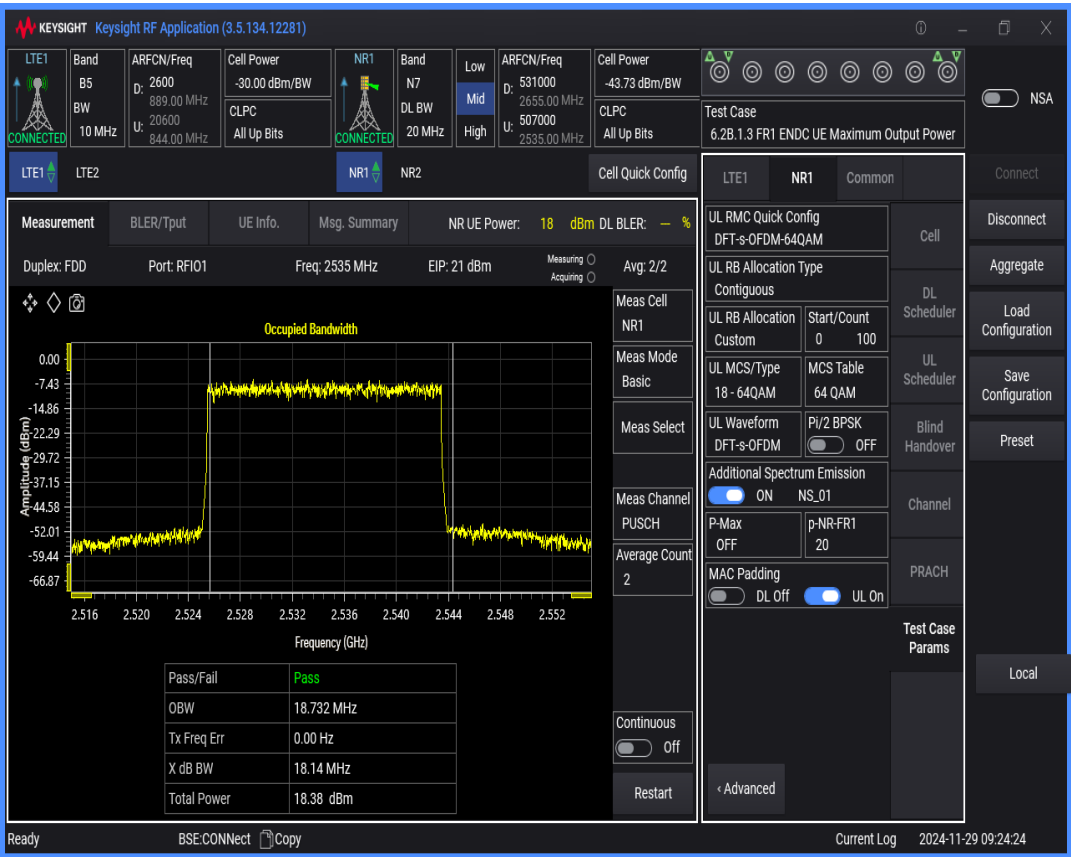
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n7 SCS=15kHz DFT\_QAM256 BW=20MHz Channel=507000 RB=100@0



n7 SCS=15kHz DFT\_QAM64 BW=20MHz Channel=507000 RB=100@0



n7 SCS=15kHz DFT\_QAM64 BW=15MHz Channel=507000 RB=75@0



*n7 SCS=15kHz DFT\_QPSK BW=15MHz Channel=507000 RB=75@0*



*n7 SCS=15kHz DFT\_QPSK BW=20MHz Channel=507000 RB=100@0*



n7 SCS=15kHz DFT\_QAM64 BW=5MHz Channel=507000 RB=25@0



n7 SCS=15kHz DFT\_QPSK BW=10MHz Channel=507000 RB=50@0