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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<br>Limit<br>(dBm) | high<br>Limit<br>(dBm) | Verdict |
|-------|--------------|--------------------|---------------|------------------|------------|----------------|-----------------------|------------------------|---------|
| Band7 | 15           | 5                  | 20775         | 1@0              | QPSK       | 20.92          |                       |                        |         |
| n7    | 15           | 5                  | 500500        | 1@0              | DFT_BPSK   | 17.15          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 22.44          | 19                    | 26                     | PASS    |
| Band7 | 15           | 5                  | 21100         | 8@0              | QPSK       | 20.74          |                       |                        |         |
| n7    | 15           | 5                  | 507000        | 12@6             | DFT_BPSK   | 17.21          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 22.33          | 19                    | 26                     | PASS    |
| Band7 | 15           | 5                  | 21100         | 8@0              | QPSK       | 20.74          |                       |                        |         |
| n7    | 15           | 5                  | 507000        | 12@6             | DFT_QPSK   | 17.18          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 22.32          | 19                    | 26                     | PASS    |
| Band7 | 15           | 5                  | 21425         | 1@17             | QPSK       | 21.20          |                       |                        |         |
| n7    | 15           | 5                  | 513500        | 1@24             | DFT_BPSK   | 17.34          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 22.69          | 19                    | 26                     | PASS    |
| Band7 | 15           | 5                  | 21425         | 8@17             | QPSK       | 20.80          |                       |                        |         |
| n7    | 15           | 5                  | 513500        | 12@6             | DFT_BPSK   | 17.35          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 22.41          | 19                    | 26                     | PASS    |
| Band7 | 15           | 5                  | 21425         | 1@17             | QPSK       | 21.10          |                       |                        |         |
| n7    | 15           | 5                  | 513500        | 1@24             | DFT_QPSK   | 17.54          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 22.68          | 19                    | 26                     | PASS    |
| Band7 | 15           | 5                  | 21425         | 8@17             | QPSK       | 20.82          |                       |                        |         |
| n7    | 15           | 5                  | 513500        | 12@6             | DFT_QPSK   | 17.41          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 22.45          | 19                    | 26                     | PASS    |
| Band7 | 15           | 20                 | 20850         | 1@0              | QPSK       | 20.92          |                       |                        |         |
| n7    | 15           | 20                 | 502000        | 1@0              | DFT_BPSK   | 17.05          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 22.41          | 19                    | 26                     | PASS    |
| Band7 | 15           | 20                 | 21100         | 18@0             | QPSK       | 20.74          |                       |                        |         |
| n7    | 15           | 20                 | 507000        | 50@25            | DFT_BPSK   | 17.24          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 22.34          | 19                    | 26                     | PASS    |
| Band7 | 15           | 20                 | 21100         | 18@0             | QPSK       | 20.71          |                       |                        |         |
| n7    | 15           | 20                 | 507000        | 50@25            | DFT_QPSK   | 17.25          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 22.32          | 19                    | 26                     | PASS    |
| Band7 | 15           | 20                 | 21350         | 1@72             | QPSK       | 20.97          |                       |                        |         |
| n7    | 15           | 20                 | 512000        | 1@105            | DFT_BPSK   | 17.23          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 22.50          | 19                    | 26                     | PASS    |
| Band7 | 15           | 20                 | 21350         | 18@72            | QPSK       | 20.72          |                       |                        |         |
| n7    | 15           | 20                 | 512000        | 50@25            | DFT_BPSK   | 17.26          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 22.33          | 19                    | 26                     | PASS    |
| Band7 | 15           | 20                 | 21350         | 1@72             | QPSK       | 21.09          |                       |                        |         |
| n7    | 15           | 20                 | 512000        | 1@105            | DFT_QPSK   | 17.15          |                       |                        |         |

|       |    |    |        |       |          |       |    |    |      |
|-------|----|----|--------|-------|----------|-------|----|----|------|
| Sum   | 15 |    |        |       |          | 22.56 | 19 | 26 | PASS |
| Band7 | 15 | 20 | 21350  | 18@72 | QPSK     | 20.72 |    |    |      |
| n7    | 15 | 20 | 512000 | 50@25 | DFT_QPSK | 17.28 |    |    |      |
| Sum   | 15 |    |        |       |          | 22.34 | 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   | -13.35     | -0.00533        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 1@1              | DFT_BPSK   | -11.74     | -0.00469        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 1@23             | DFT_BPSK   | -8.64      | -0.00345        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 12@6             | DFT_QPSK   | -8.40      | -0.00336        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 1@1              | DFT_QPSK   | -8.00      | -0.00320        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 1@23             | DFT_QPSK   | -8.52      | -0.00340        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 12@6             | DFT_BPSK   | -9.09      | -0.00359        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 1@1              | DFT_BPSK   | -41.28     | -0.01628        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 1@23             | DFT_BPSK   | -97.49     | -0.03846        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 12@6             | DFT_QPSK   | -69.82     | -0.02754        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 1@1              | DFT_QPSK   | -61.18     | -0.02413        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 1@23             | DFT_QPSK   | -46.36     | -0.01829        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 12@6             | DFT_BPSK   | -14.60     | -0.00569        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 1@1              | DFT_BPSK   | -14.50     | -0.00565        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 1@23             | DFT_BPSK   | -14.72     | -0.00573        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 12@6             | DFT_QPSK   | -12.45     | -0.00485        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 1@1              | DFT_QPSK   | -9.26      | -0.00361        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 1@23             | DFT_QPSK   | -11.29     | -0.00440        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 36@18            | DFT_BPSK   | -7.86      | -0.00313        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 1@1              | DFT_BPSK   | -6.26      | -0.00250        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 1@77             | DFT_BPSK   | -2.58      | -0.00103        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 36@18            | DFT_QPSK   | -7.77      | -0.00310        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 1@1              | DFT_QPSK   | -7.17      | -0.00286        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 1@77             | DFT_QPSK   | -6.58      | -0.00262        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 36@18            | DFT_BPSK   | 3.48       | 0.00137         | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 1@1              | DFT_BPSK   | 4.29       | 0.00169         | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 1@77             | DFT_BPSK   | 4.24       | 0.00167         | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 36@18            | DFT_QPSK   | 4.90       | 0.00193         | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 1@1              | DFT_QPSK   | 3.41       | 0.00135         | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 1@77             | DFT_QPSK   | 1.61       | 0.00064         | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 36@18            | DFT_BPSK   | -0.60      | -0.00023        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 1@1              | DFT_BPSK   | -3.09      | -0.00121        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 1@77             | DFT_BPSK   | 2.46       | 0.00096         | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 36@18            | DFT_QPSK   | 0.98       | 0.00038         | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 1@1              | DFT_QPSK   | -1.17      | -0.00046        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 1@77             | DFT_QPSK   | 0.23       | 0.00009         | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 20                 | 502000        | 50@25            | DFT_BPSK   | 0.31       | 0.00012         | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 20                 | 502000        | 1@1              | DFT_BPSK   | 0.93       | 0.00037         | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 20                 | 502000        | 1@104            | DFT_BPSK   | -1.06      | -0.00042        | -2.5                  | 2.5                    | PASS    |

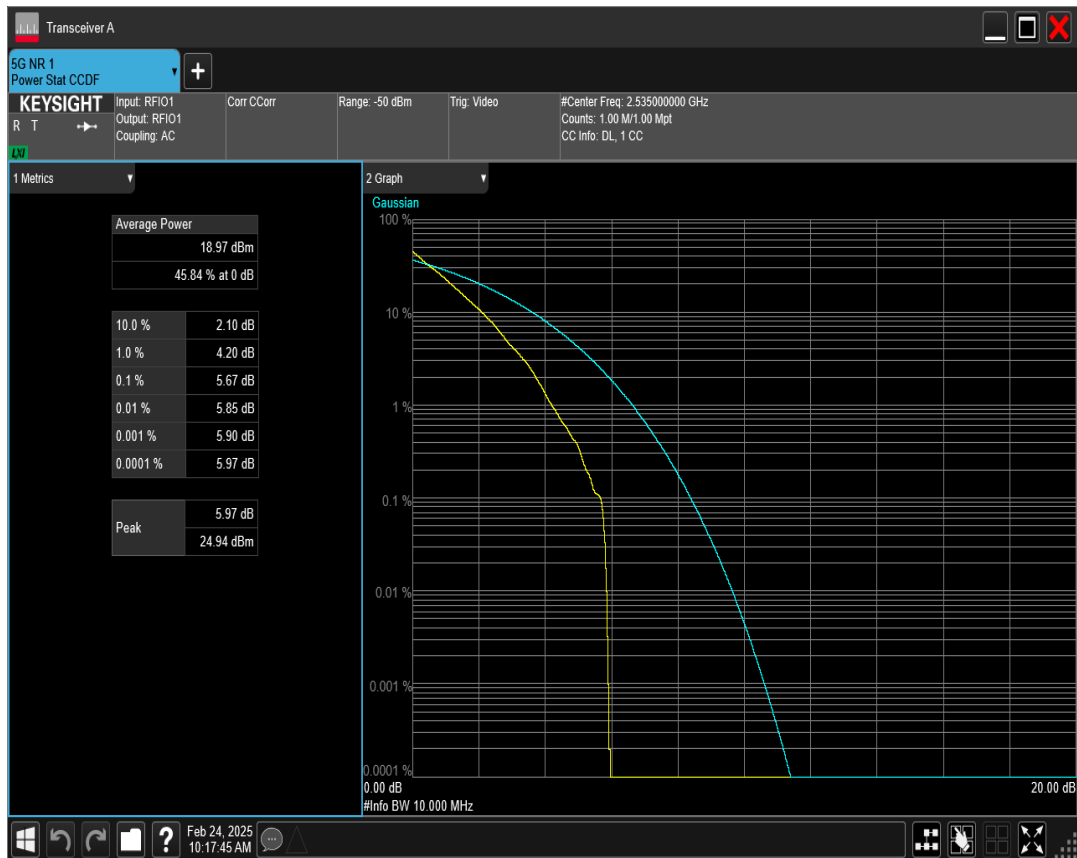
|    |    |    |        |       |          |       |          |      |     |      |
|----|----|----|--------|-------|----------|-------|----------|------|-----|------|
| n7 | 15 | 20 | 502000 | 50@25 | DFT_QPSK | -2.97 | -0.00118 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 502000 | 1@1   | DFT_QPSK | 0.27  | 0.00011  | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 502000 | 1@104 | DFT_QPSK | -2.17 | -0.00086 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 50@25 | DFT_BPSK | -2.33 | -0.00092 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 1@1   | DFT_BPSK | -2.01 | -0.00079 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 1@104 | DFT_BPSK | -1.37 | -0.00054 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 50@25 | DFT_QPSK | -2.94 | -0.00116 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 1@1   | DFT_QPSK | -3.78 | -0.00149 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 1@104 | DFT_QPSK | -4.18 | -0.00165 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 50@25 | DFT_BPSK | -1.04 | -0.00041 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 1@1   | DFT_BPSK | -1.32 | -0.00052 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 1@104 | DFT_BPSK | -0.91 | -0.00036 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 50@25 | DFT_QPSK | -5.66 | -0.00221 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 1@1   | DFT_QPSK | -1.95 | -0.00076 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 1@104 | DFT_QPSK | -4.26 | -0.00166 | -2.5 | 2.5 | PASS |

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

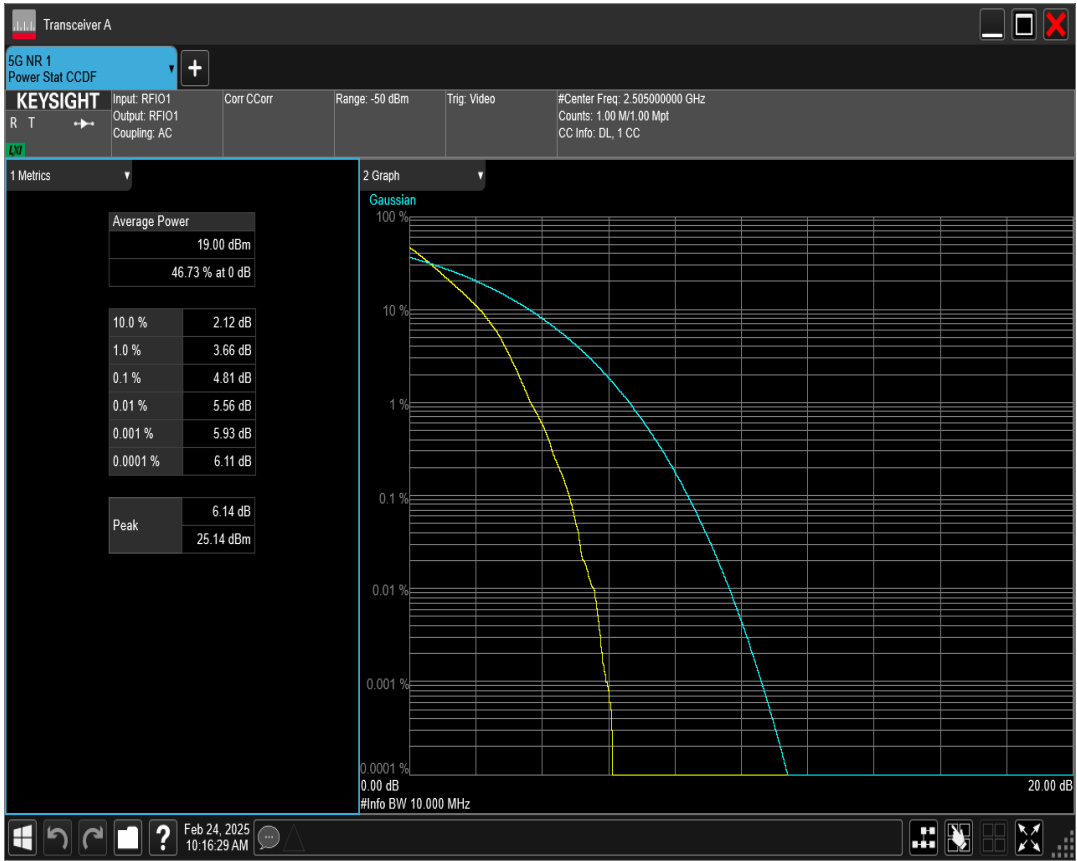
| Band | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | Result<br>(dB) | high<br>Limit<br>(dB) | Verdict |
|------|--------------|--------------------|---------------|------------------|------------|----------------|-----------------------|---------|
| n7   | 15           | 5                  | 500500        | 25@0             | DFT_BPSK   | 4.77           | 13                    | PASS    |
| n7   | 15           | 5                  | 500500        | 25@0             | DFT_QPSK   | 5.84           | 13                    | PASS    |
| n7   | 15           | 5                  | 500500        | 25@0             | DFT_QAM16  | 6.83           | 13                    | PASS    |
| n7   | 15           | 5                  | 500500        | 25@0             | DFT_QAM64  | 7.10           | 13                    | PASS    |
| n7   | 15           | 5                  | 500500        | 25@0             | DFT_QAM256 | 6.94           | 13                    | PASS    |
| n7   | 15           | 5                  | 507000        | 25@0             | DFT_BPSK   | 6.15           | 13                    | PASS    |
| n7   | 15           | 5                  | 507000        | 25@0             | DFT_QPSK   | 6.35           | 13                    | PASS    |
| n7   | 15           | 5                  | 507000        | 25@0             | DFT_QAM16  | 6.92           | 13                    | PASS    |
| n7   | 15           | 5                  | 507000        | 25@0             | DFT_QAM64  | 7.06           | 13                    | PASS    |
| n7   | 15           | 5                  | 507000        | 25@0             | DFT_QAM256 | 7.00           | 13                    | PASS    |
| n7   | 15           | 5                  | 513500        | 25@0             | DFT_BPSK   | 4.75           | 13                    | PASS    |
| n7   | 15           | 5                  | 513500        | 25@0             | DFT_QPSK   | 5.41           | 13                    | PASS    |
| n7   | 15           | 5                  | 513500        | 25@0             | DFT_QAM16  | 6.40           | 13                    | PASS    |
| n7   | 15           | 5                  | 513500        | 25@0             | DFT_QAM64  | 6.74           | 13                    | PASS    |
| n7   | 15           | 5                  | 513500        | 25@0             | DFT_QAM256 | 6.88           | 13                    | PASS    |
| n7   | 15           | 10                 | 501000        | 50@0             | DFT_BPSK   | 4.81           | 13                    | PASS    |
| n7   | 15           | 10                 | 501000        | 50@0             | DFT_QPSK   | 5.96           | 13                    | PASS    |
| n7   | 15           | 10                 | 501000        | 50@0             | DFT_QAM16  | 6.63           | 13                    | PASS    |
| n7   | 15           | 10                 | 501000        | 50@0             | DFT_QAM64  | 6.90           | 13                    | PASS    |
| n7   | 15           | 10                 | 501000        | 50@0             | DFT_QAM256 | 6.80           | 13                    | PASS    |
| n7   | 15           | 10                 | 507000        | 50@0             | DFT_BPSK   | 5.67           | 13                    | PASS    |
| n7   | 15           | 10                 | 507000        | 50@0             | DFT_QPSK   | 5.82           | 13                    | PASS    |
| n7   | 15           | 10                 | 507000        | 50@0             | DFT_QAM16  | 6.63           | 13                    | PASS    |
| n7   | 15           | 10                 | 507000        | 50@0             | DFT_QAM64  | 6.79           | 13                    | PASS    |
| n7   | 15           | 10                 | 507000        | 50@0             | DFT_QAM256 | 6.84           | 13                    | PASS    |
| n7   | 15           | 10                 | 513000        | 50@0             | DFT_BPSK   | 4.86           | 13                    | PASS    |
| n7   | 15           | 10                 | 513000        | 50@0             | DFT_QPSK   | 5.53           | 13                    | PASS    |
| n7   | 15           | 10                 | 513000        | 50@0             | DFT_QAM16  | 6.50           | 13                    | PASS    |
| n7   | 15           | 10                 | 513000        | 50@0             | DFT_QAM64  | 6.54           | 13                    | PASS    |
| n7   | 15           | 10                 | 513000        | 50@0             | DFT_QAM256 | 6.81           | 13                    | PASS    |
| n7   | 15           | 15                 | 501500        | 75@0             | DFT_BPSK   | 5.10           | 13                    | PASS    |
| n7   | 15           | 15                 | 501500        | 75@0             | DFT_QPSK   | 5.78           | 13                    | PASS    |
| n7   | 15           | 15                 | 501500        | 75@0             | DFT_QAM16  | 6.76           | 13                    | PASS    |
| n7   | 15           | 15                 | 501500        | 75@0             | DFT_QAM64  | 6.78           | 13                    | PASS    |
| n7   | 15           | 15                 | 501500        | 75@0             | DFT_QAM256 | 6.83           | 13                    | PASS    |
| n7   | 15           | 15                 | 507000        | 75@0             | DFT_BPSK   | 4.90           | 13                    | PASS    |
| n7   | 15           | 15                 | 507000        | 75@0             | DFT_QPSK   | 5.92           | 13                    | PASS    |
| n7   | 15           | 15                 | 507000        | 75@0             | DFT_QAM16  | 6.90           | 13                    | PASS    |
| n7   | 15           | 15                 | 507000        | 75@0             | DFT_QAM64  | 6.86           | 13                    | PASS    |

|    |    |    |        |       |            |      |    |      |
|----|----|----|--------|-------|------------|------|----|------|
| n7 | 15 | 15 | 507000 | 75@0  | DFT_QAM256 | 6.96 | 13 | PASS |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_BPSK   | 5.17 | 13 | PASS |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_QPSK   | 5.65 | 13 | PASS |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_QAM16  | 6.61 | 13 | PASS |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_QAM64  | 6.86 | 13 | PASS |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_QAM256 | 6.72 | 13 | PASS |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_BPSK   | 4.96 | 13 | PASS |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_QPSK   | 6.02 | 13 | PASS |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_QAM16  | 6.66 | 13 | PASS |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_QAM64  | 7.02 | 13 | PASS |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_QAM256 | 6.84 | 13 | PASS |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_BPSK   | 6.03 | 13 | PASS |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_QPSK   | 5.98 | 13 | PASS |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_QAM16  | 6.52 | 13 | PASS |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_QAM64  | 6.86 | 13 | PASS |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_QAM256 | 6.90 | 13 | PASS |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_BPSK   | 4.90 | 13 | PASS |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_QPSK   | 5.89 | 13 | PASS |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_QAM16  | 6.72 | 13 | PASS |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_QAM64  | 6.71 | 13 | PASS |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_QAM256 | 6.83 | 13 | PASS |

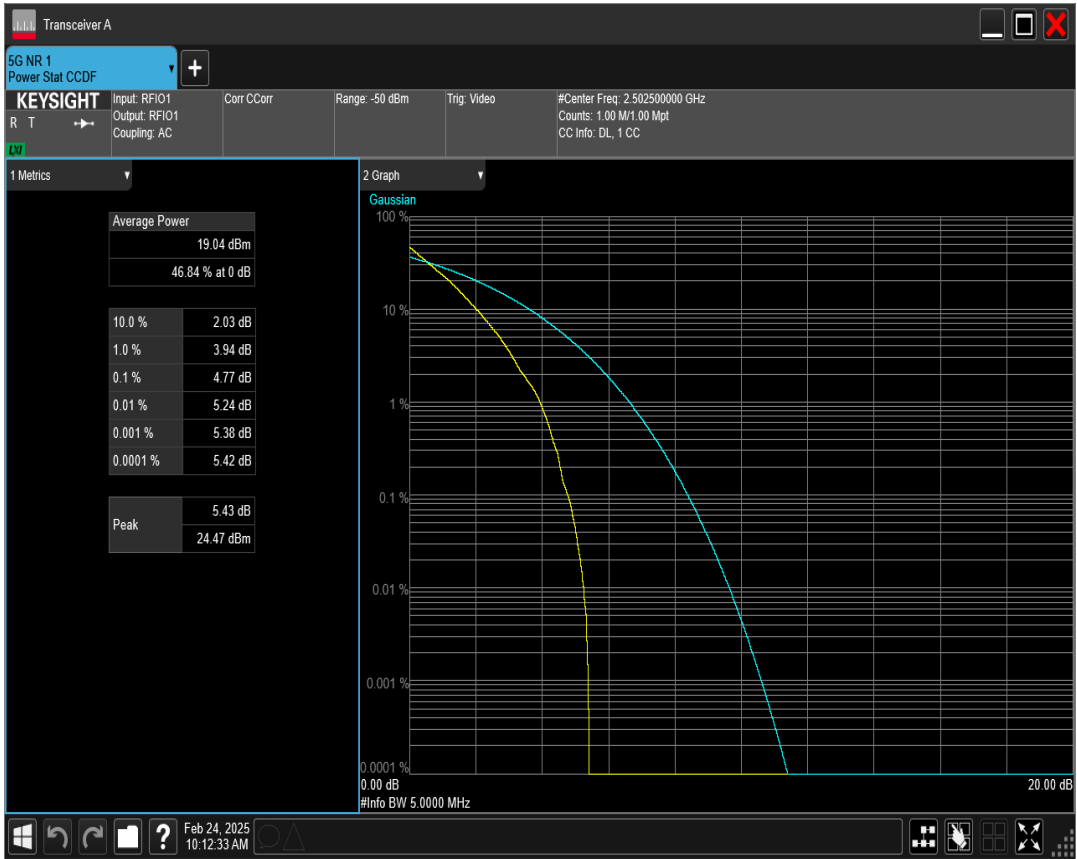
**n7 SCS=15kHz DFT\_BPSK BW=10MHz Channel=507000 RB=50@0**



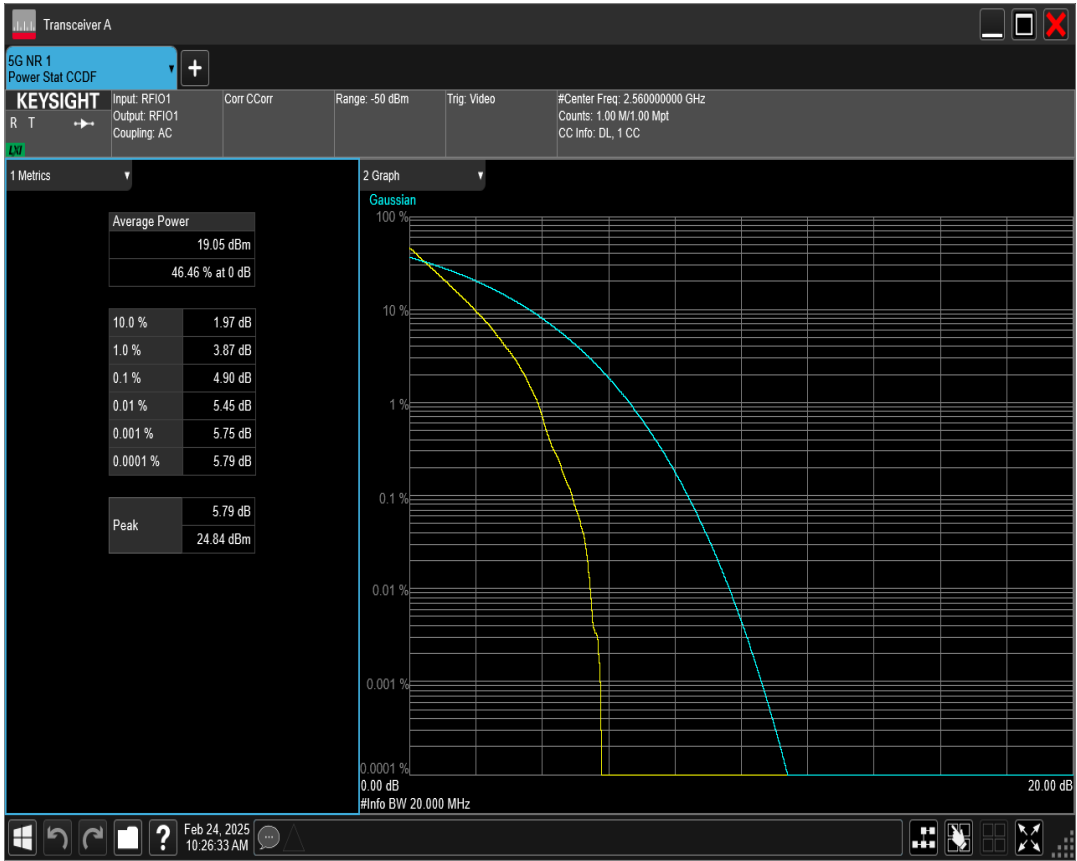
**n7 SCS=15kHz DFT\_BPSK BW=10MHz Channel=501000 RB=50@0**



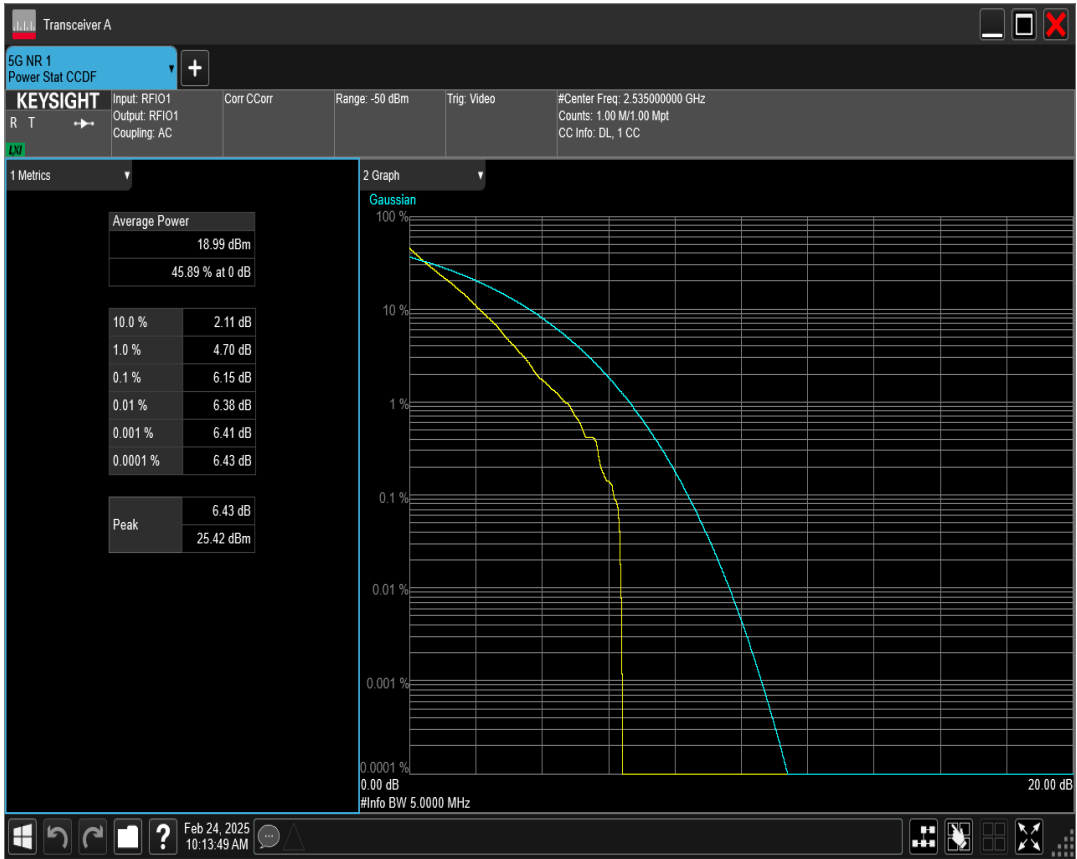
*n7 SCS=15kHz DFT\_BPSK BW=5MHz Channel=500500 RB=25@0*



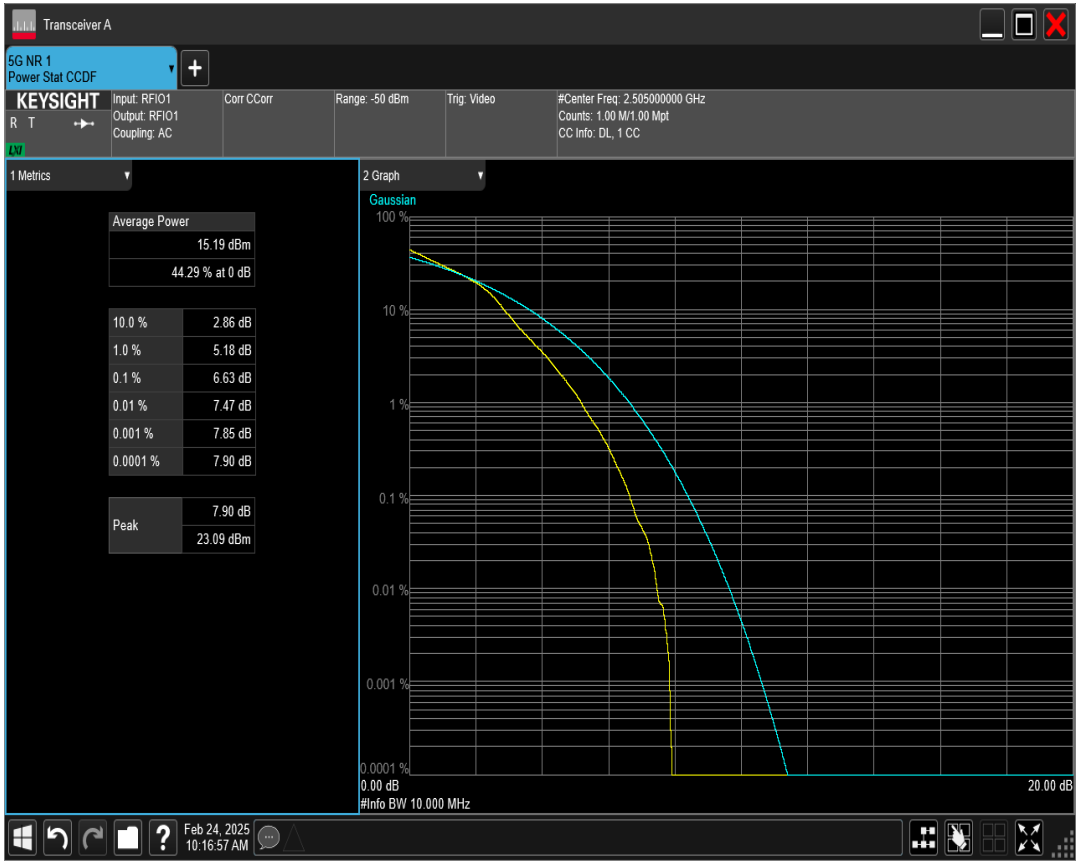
*n7 SCS=15kHz DFT\_BPSK BW=20MHz Channel=512000 RB=100@0*



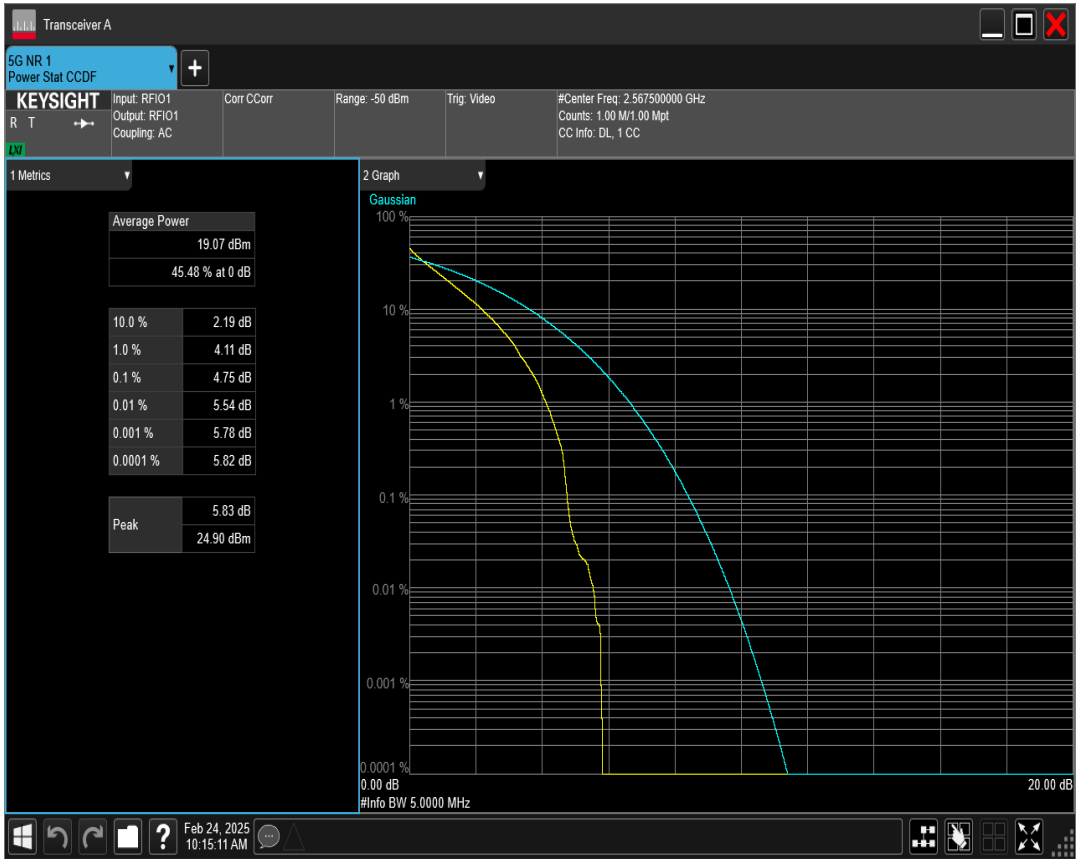
***n7 SCS=15kHz DFT\_BPSK BW=5MHz Channel=507000 RB=25@0***



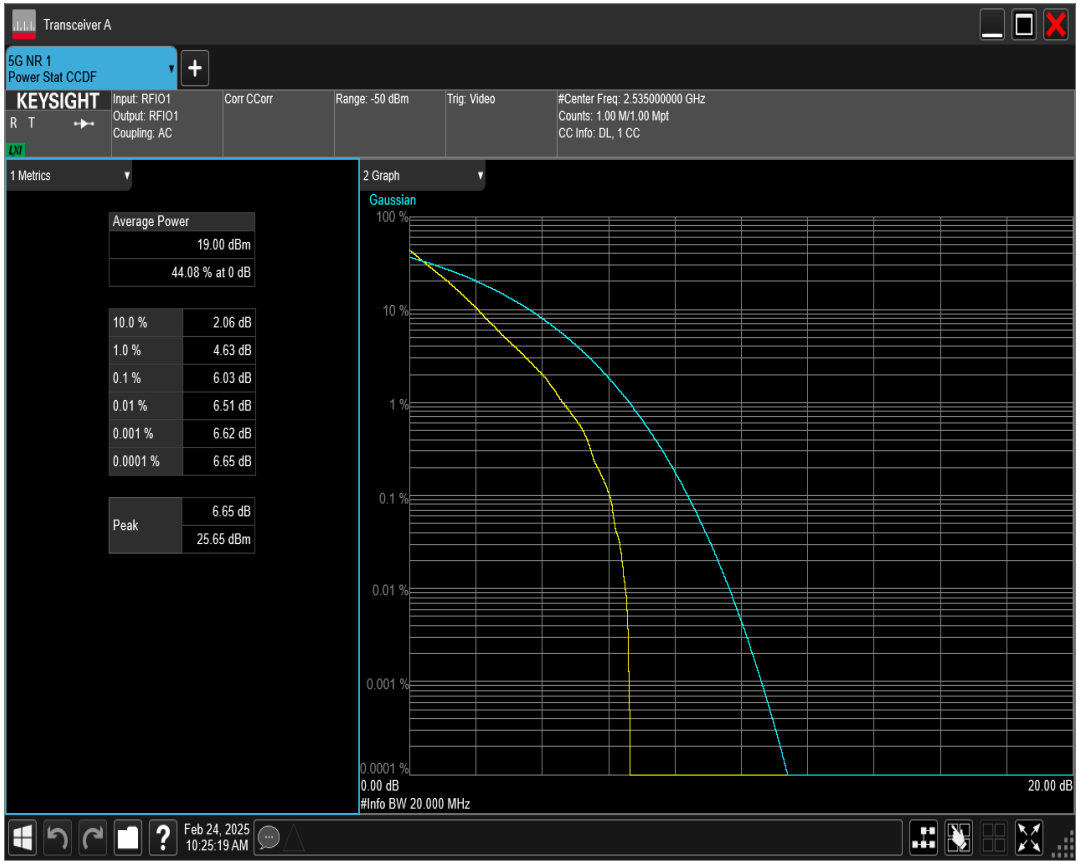
***n7 SCS=15kHz DFT\_QAM16 BW=10MHz Channel=501000 RB=50@0***



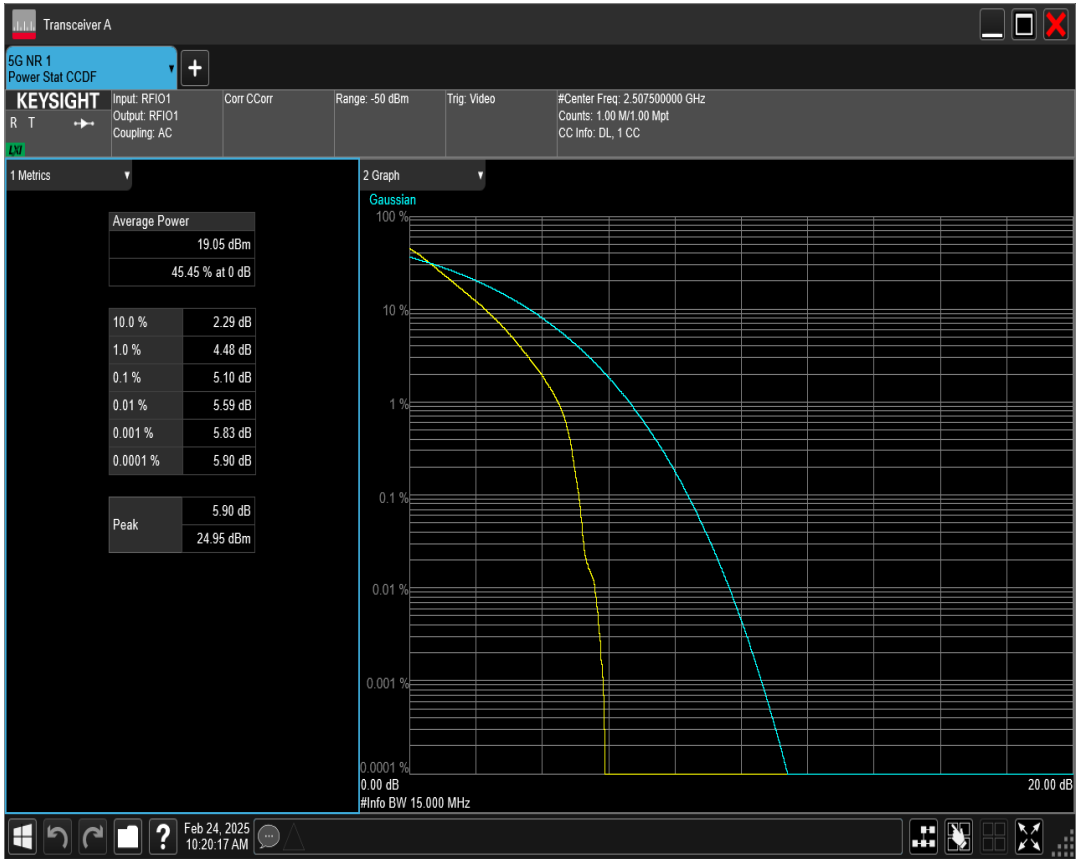
**n7 SCS=15kHz DFT\_BPSK BW=5MHz Channel=513500 RB=25@0**



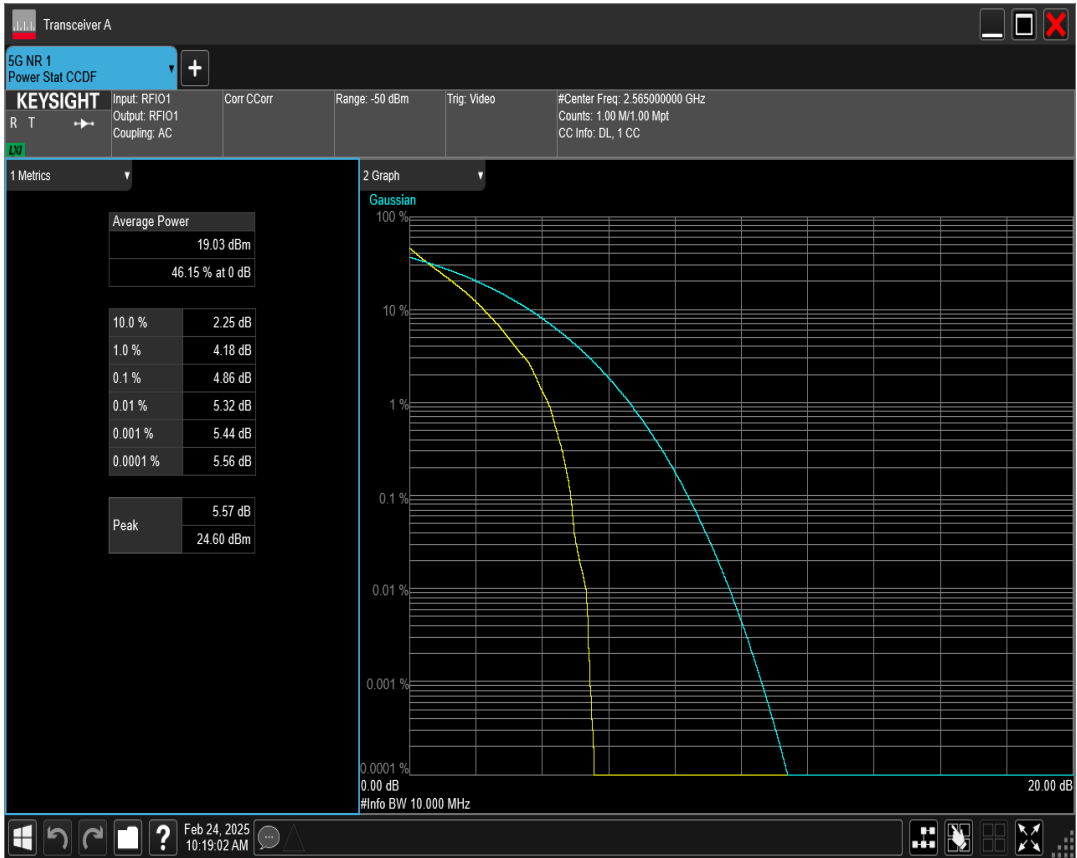
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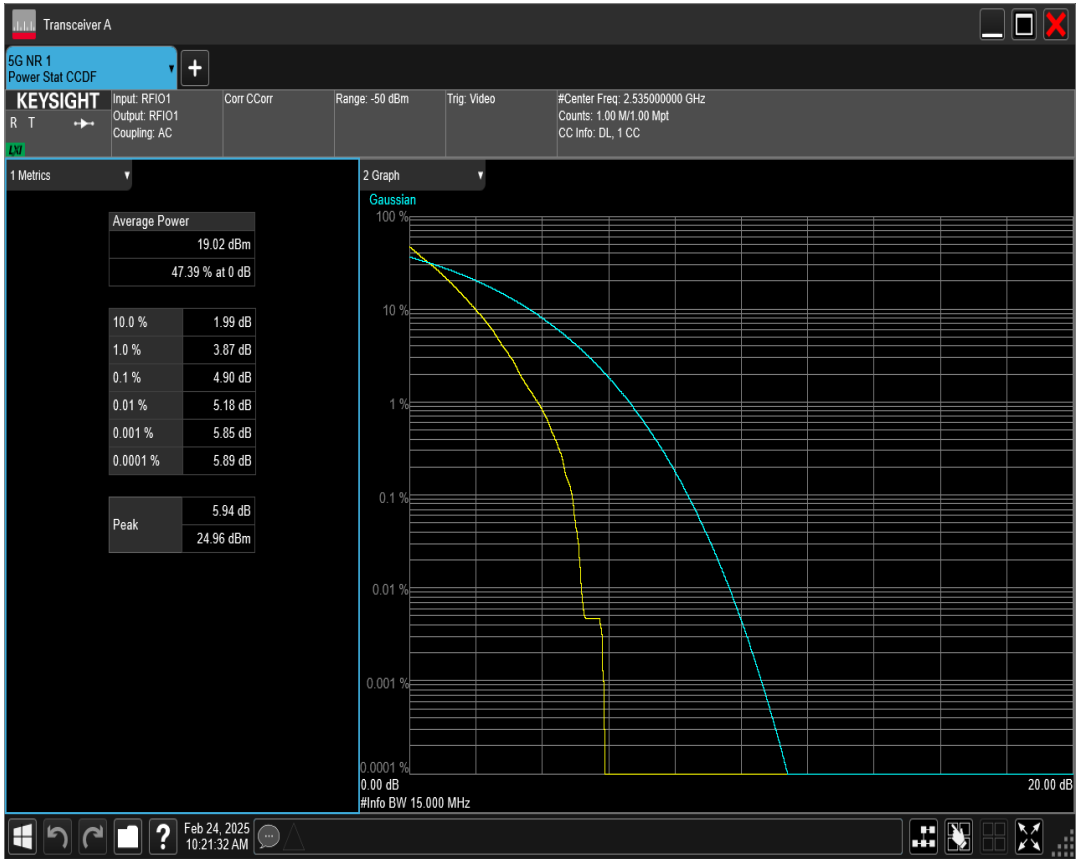
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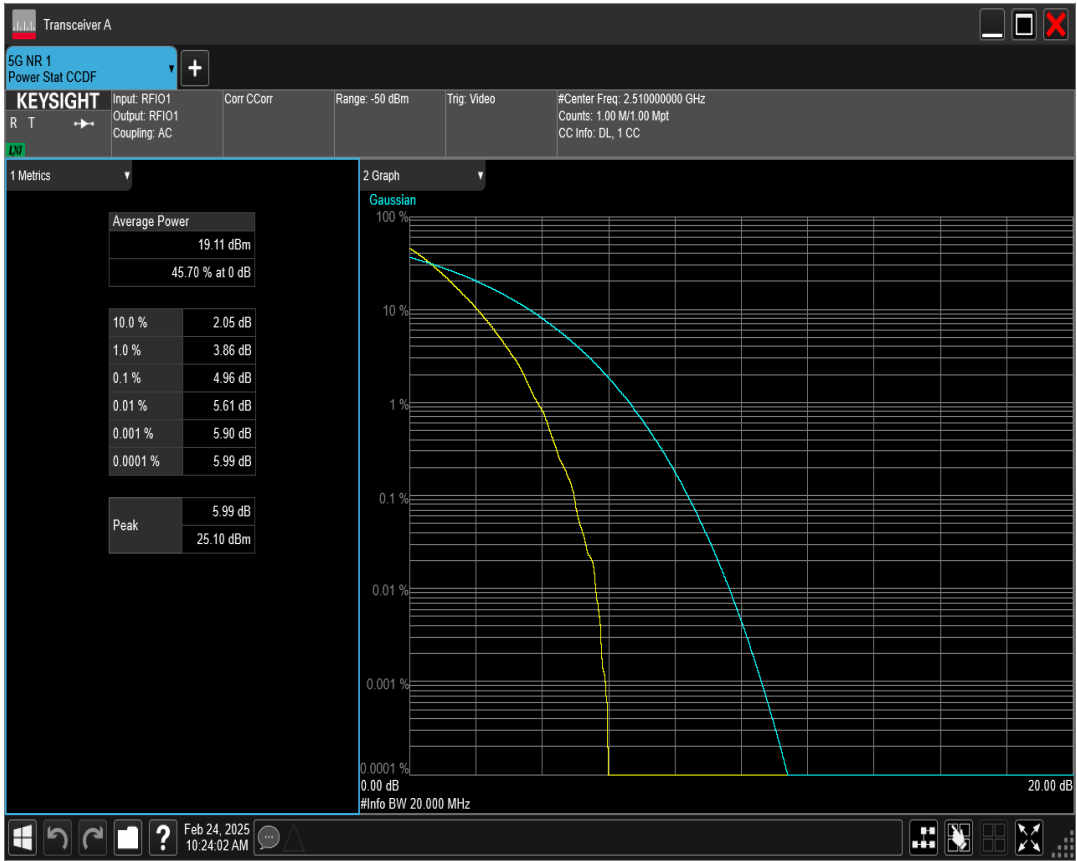
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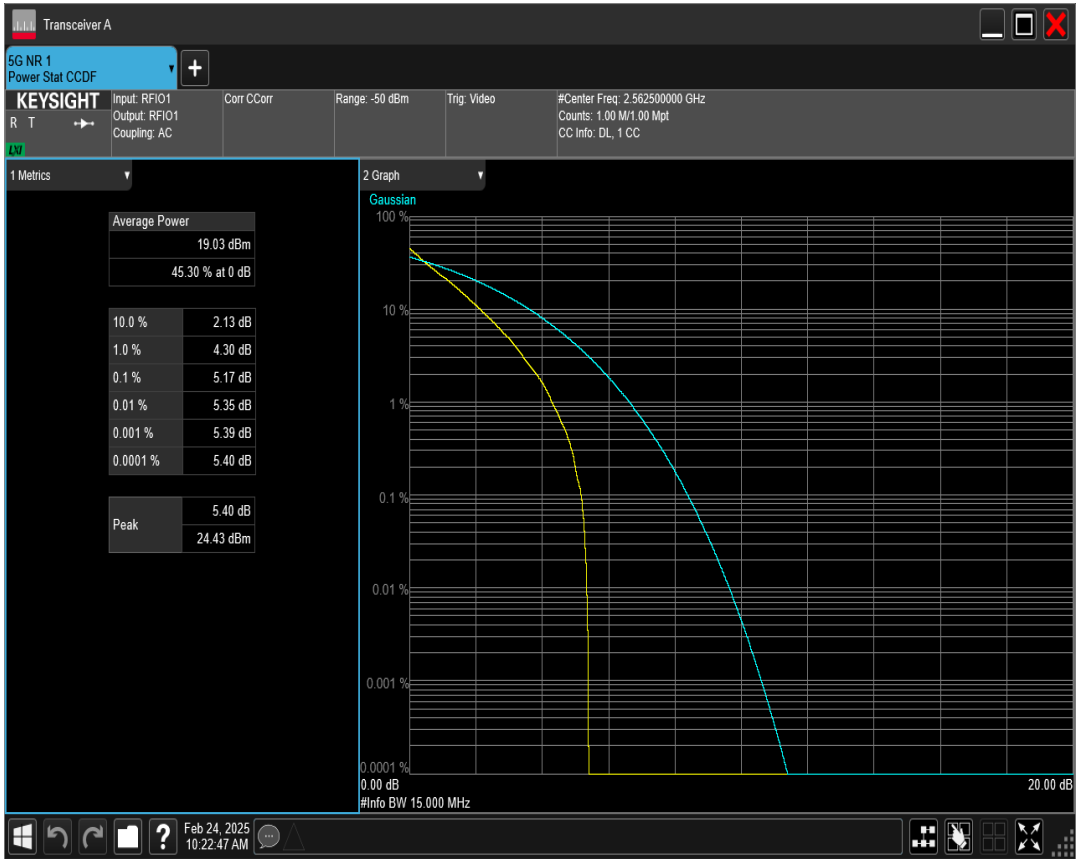
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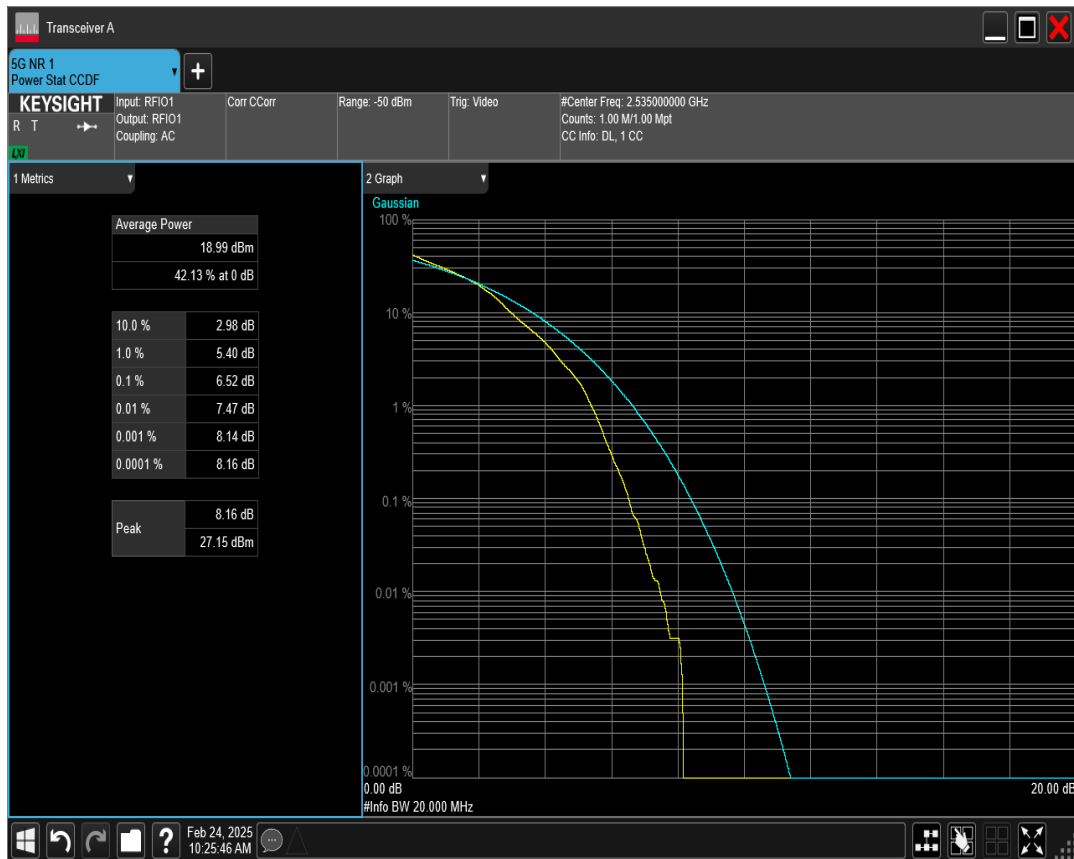
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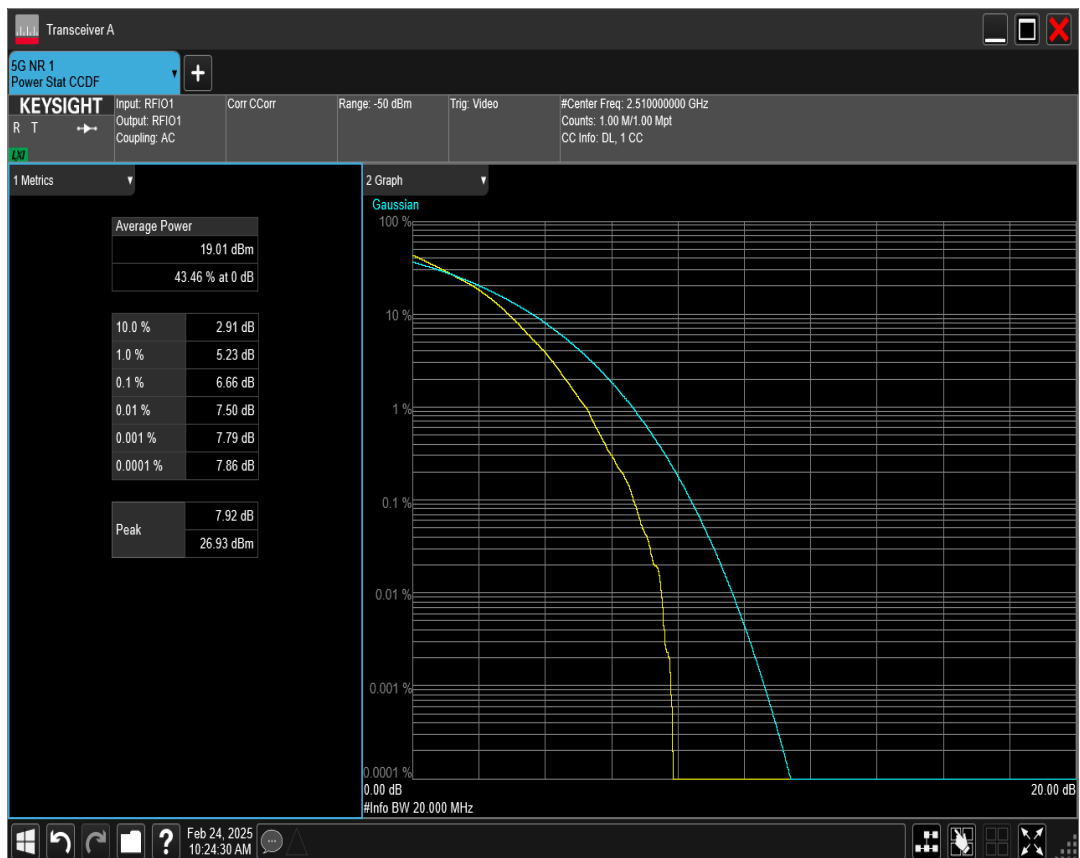
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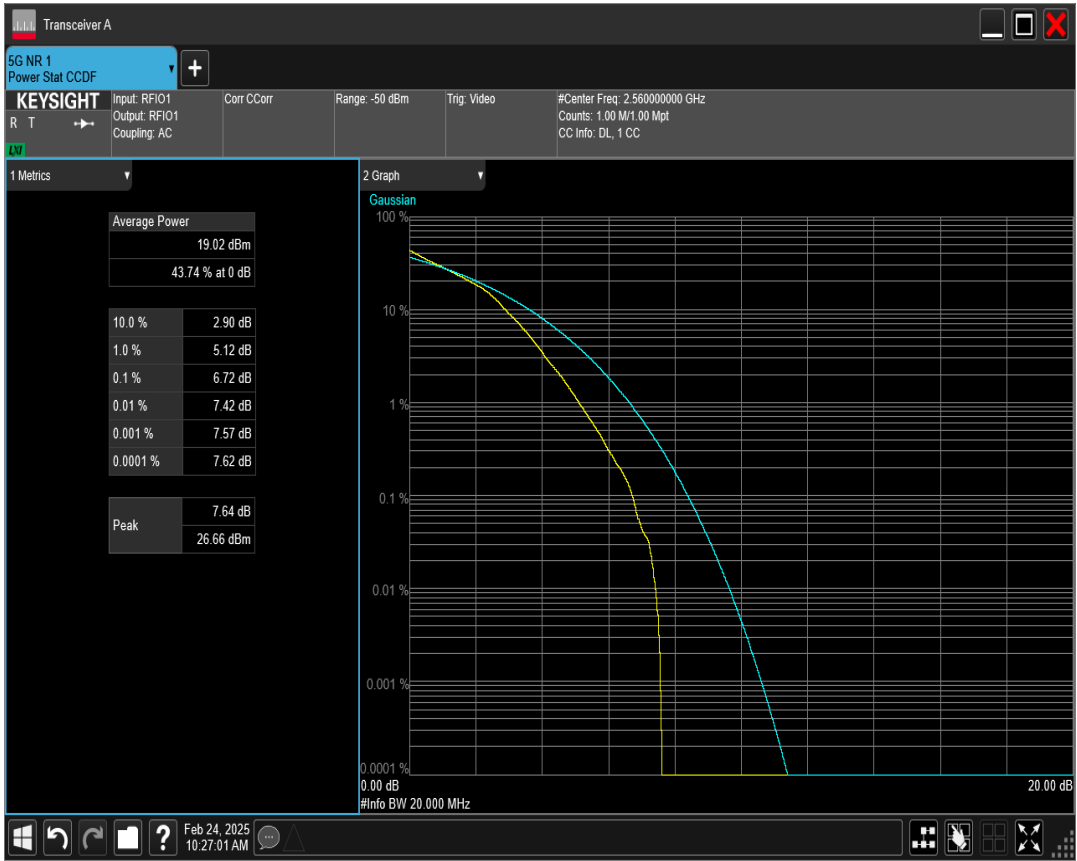
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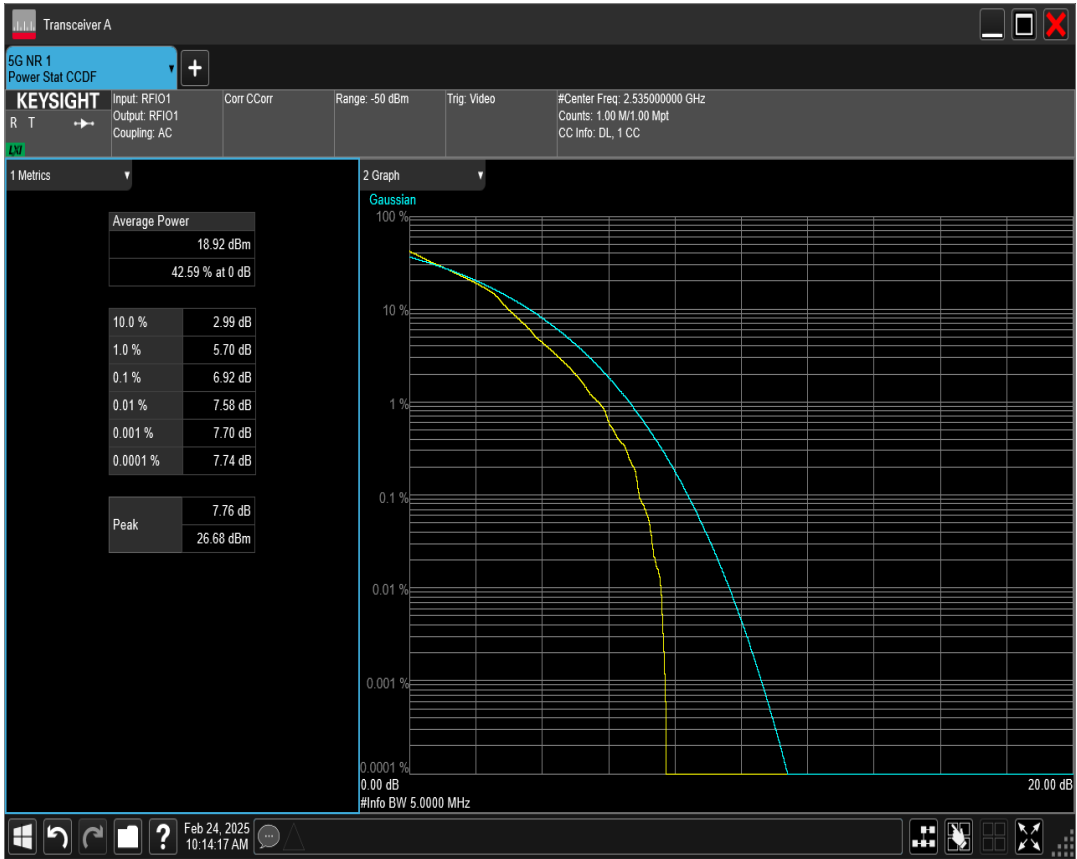
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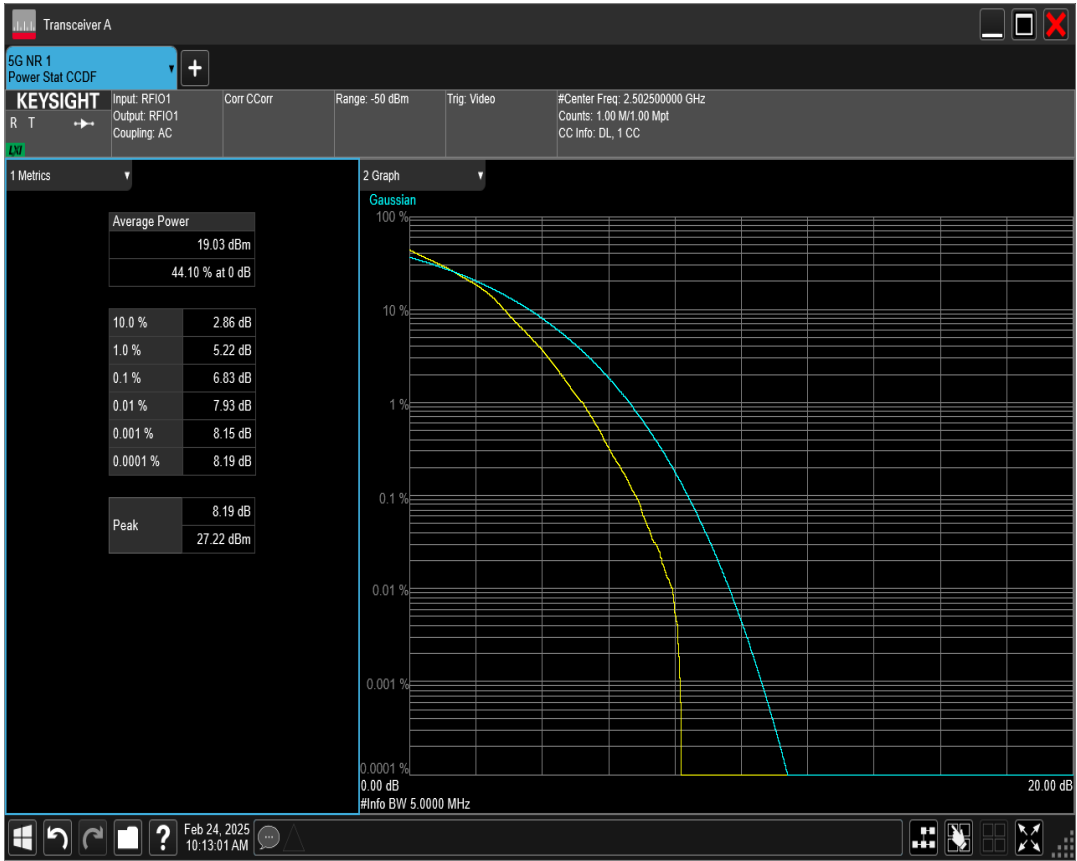
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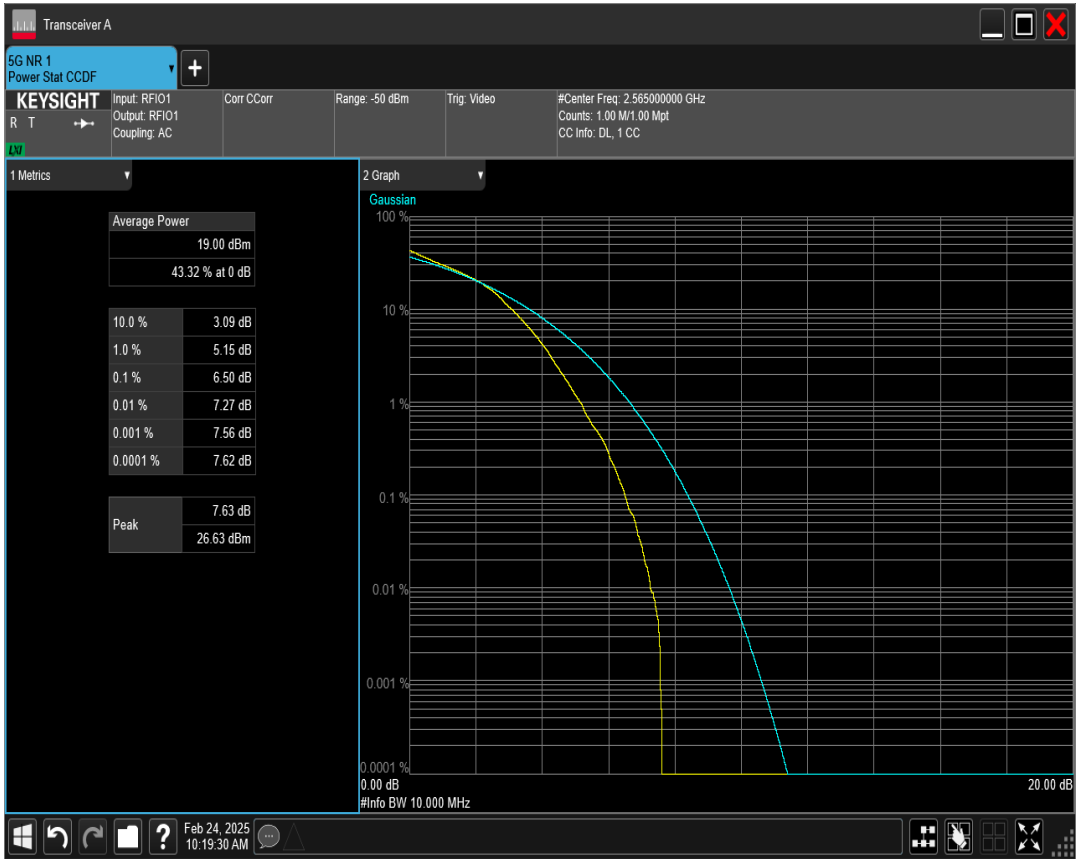
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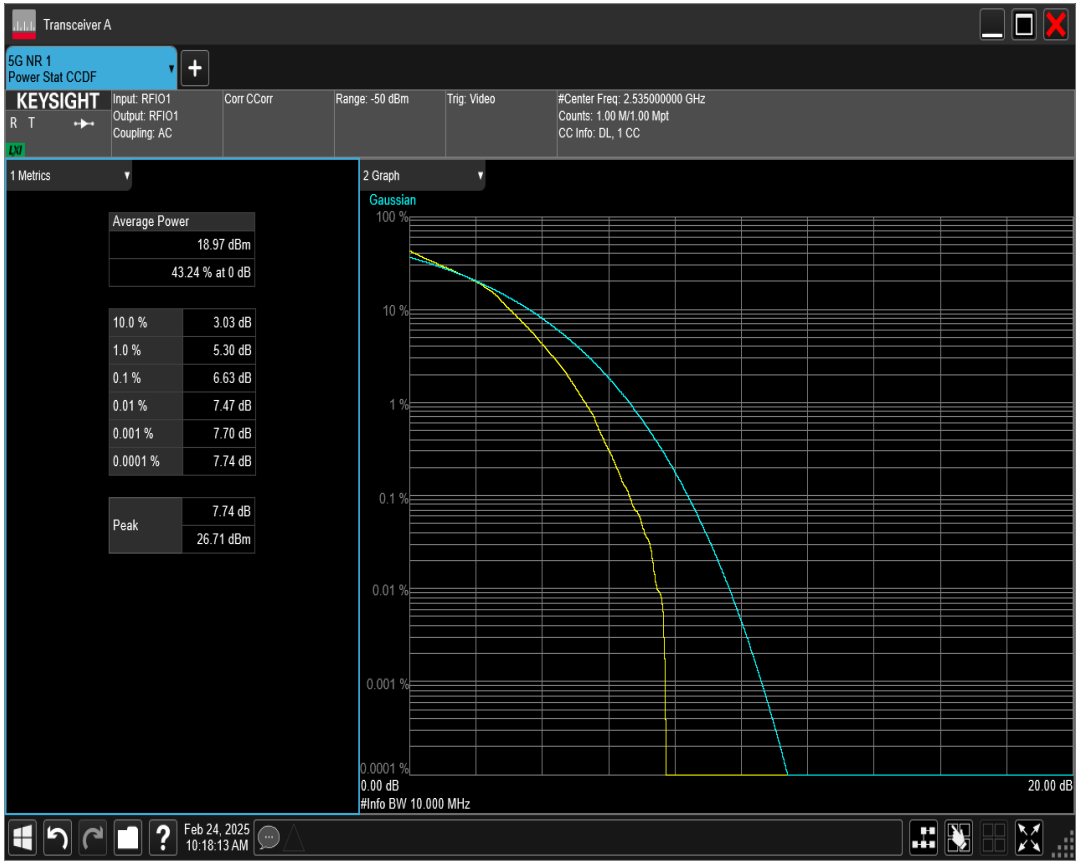
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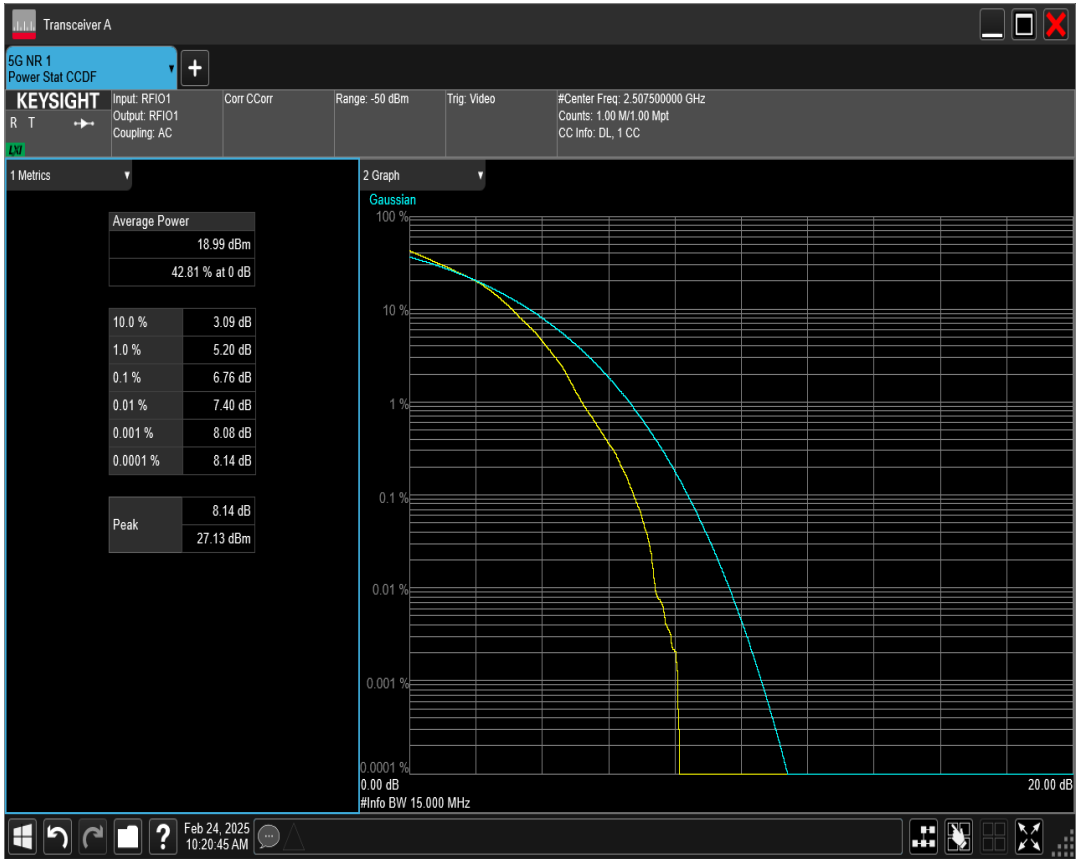
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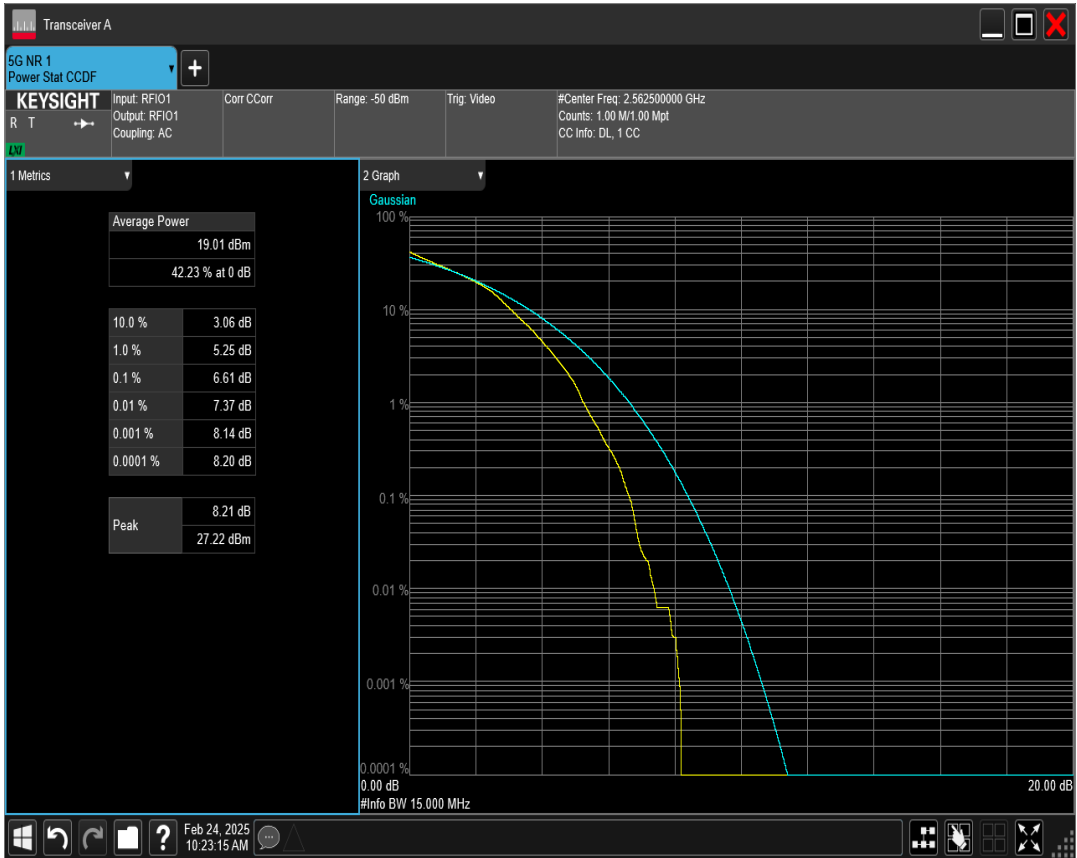
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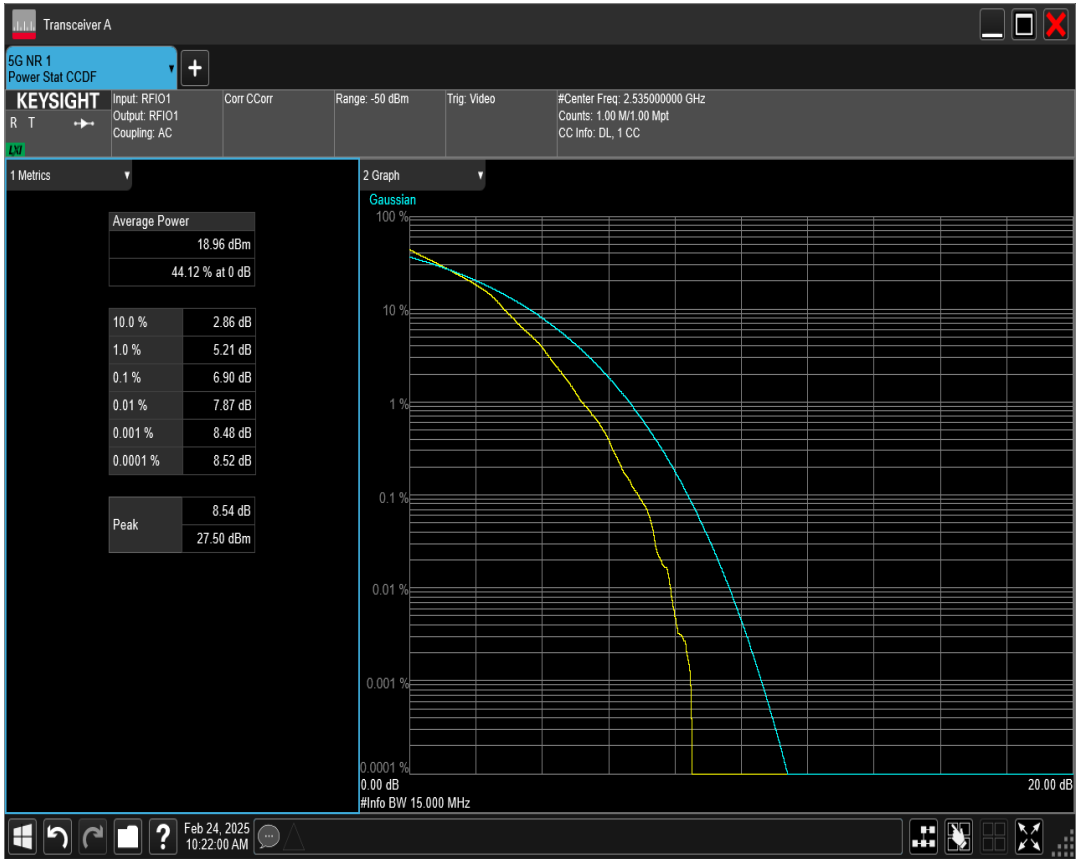
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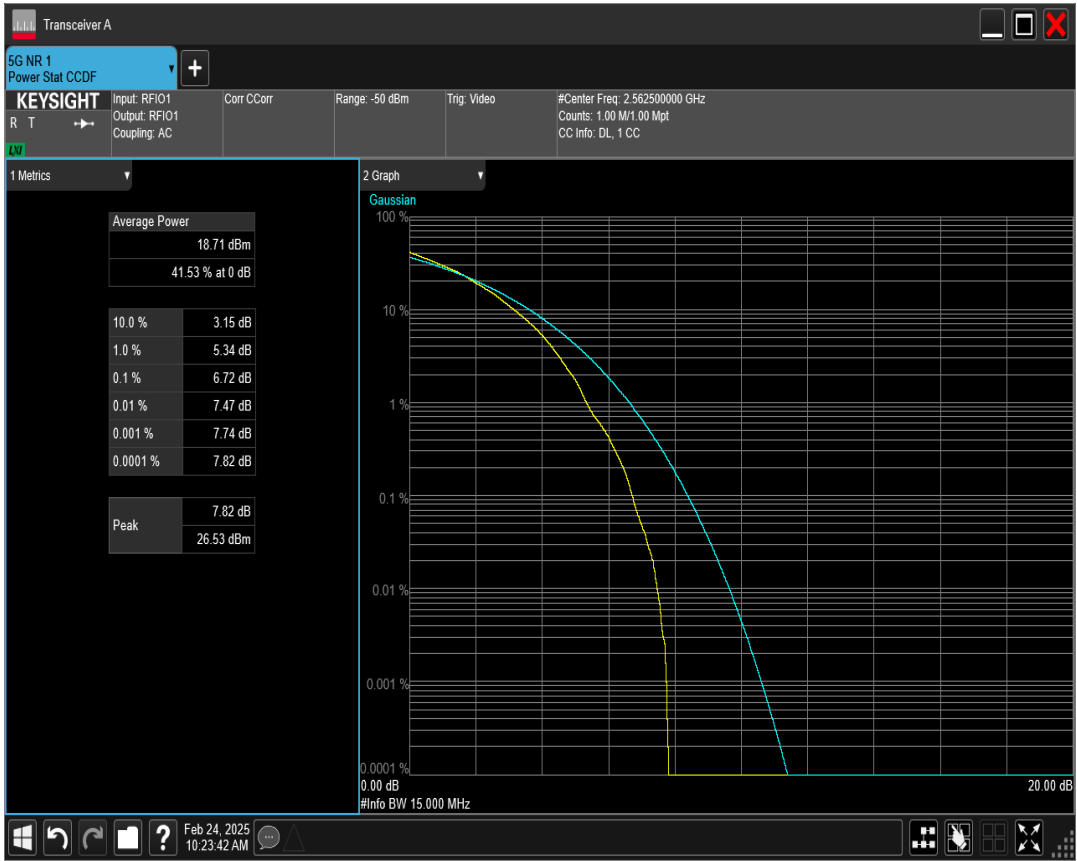
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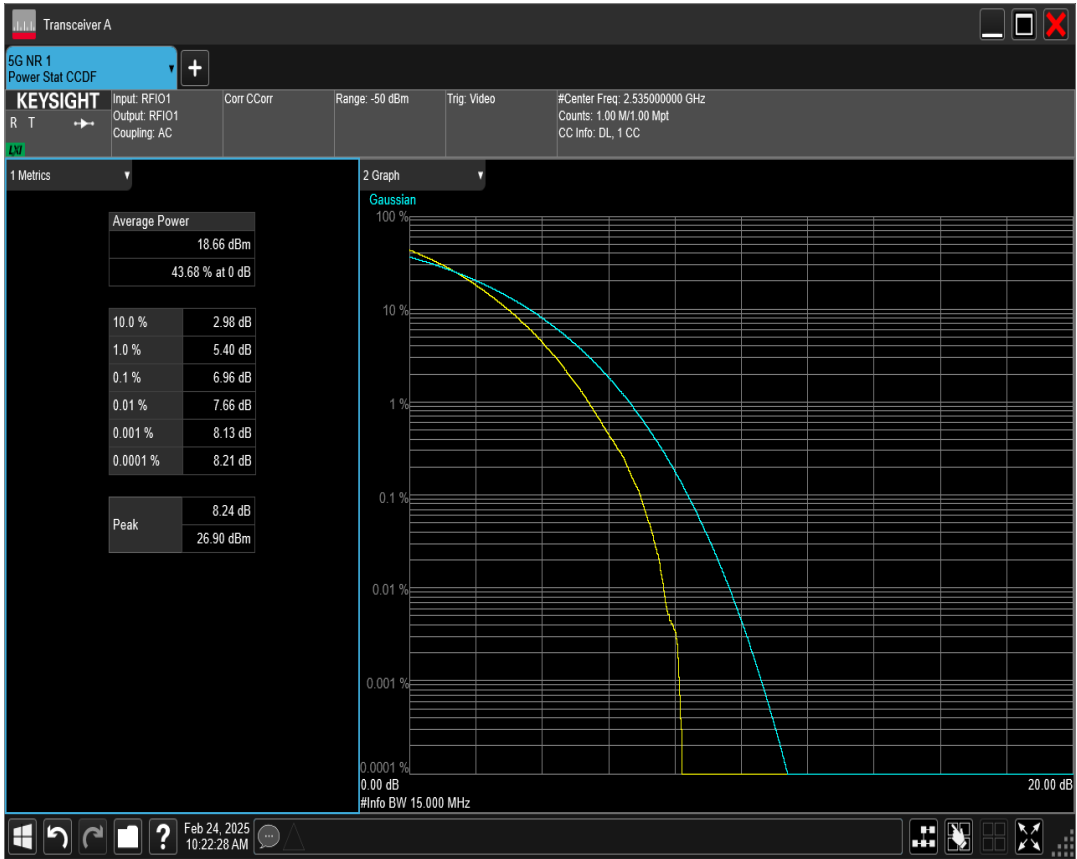
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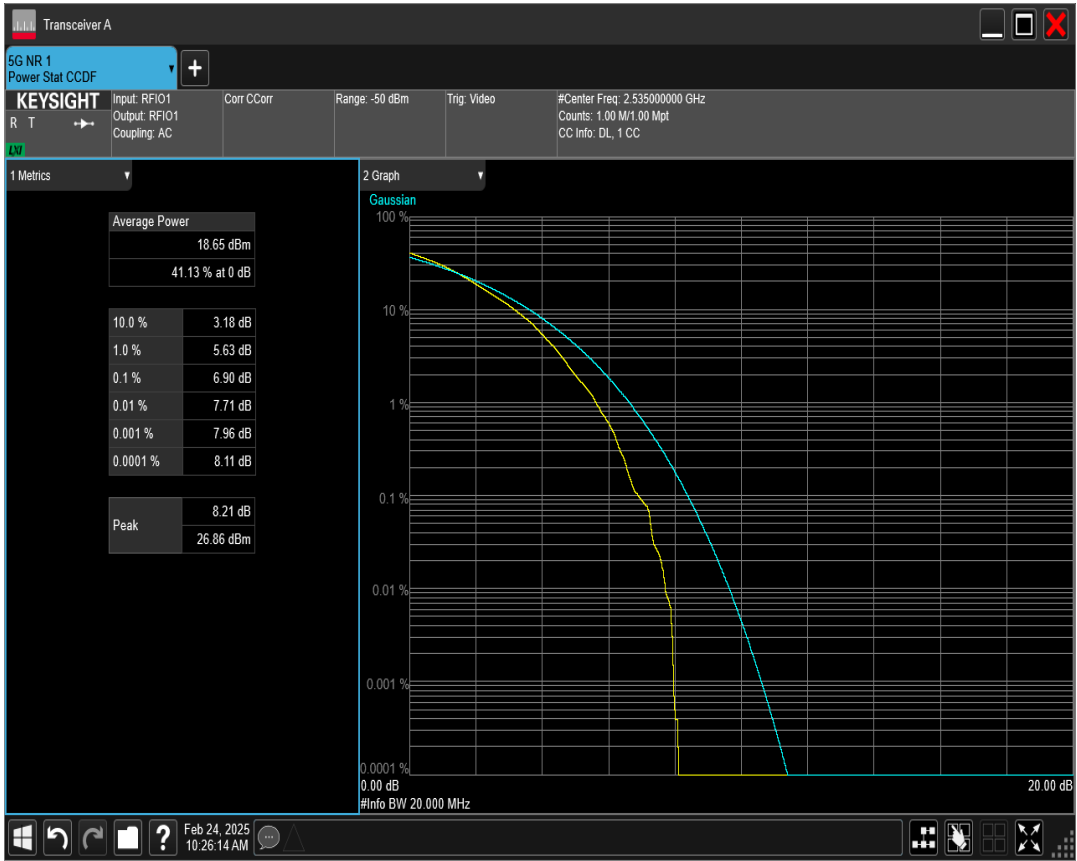
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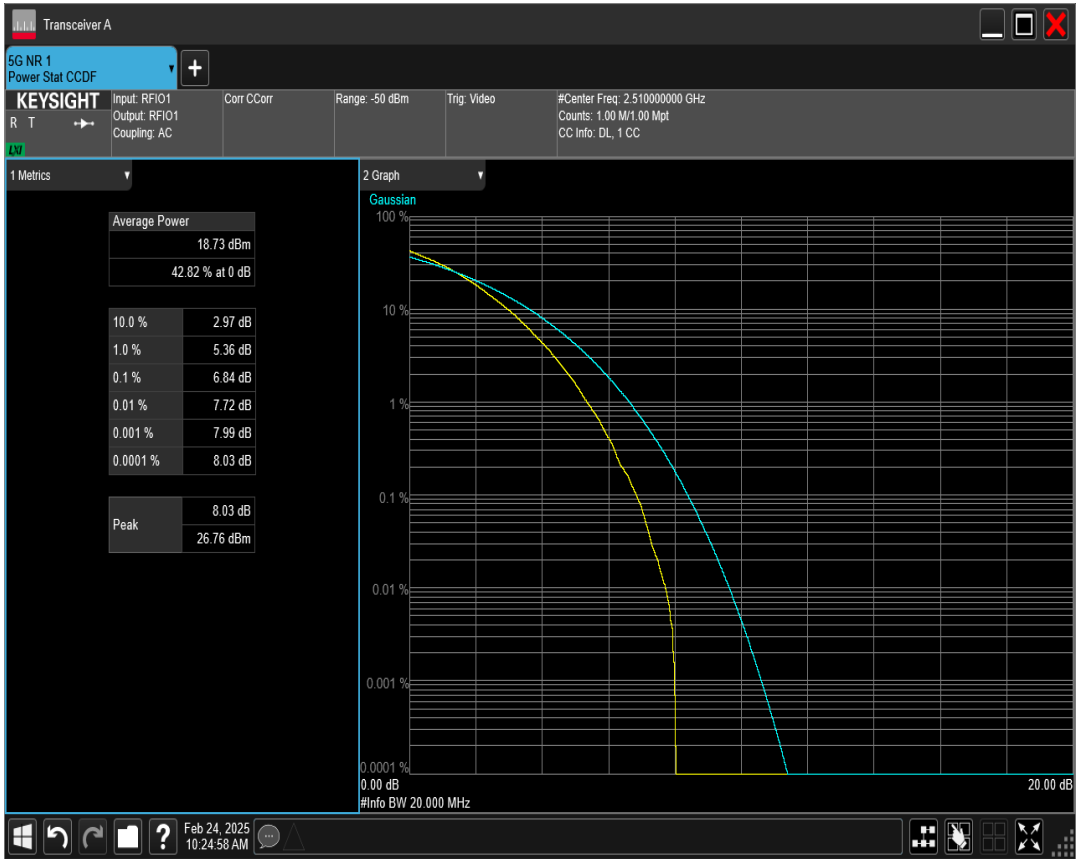
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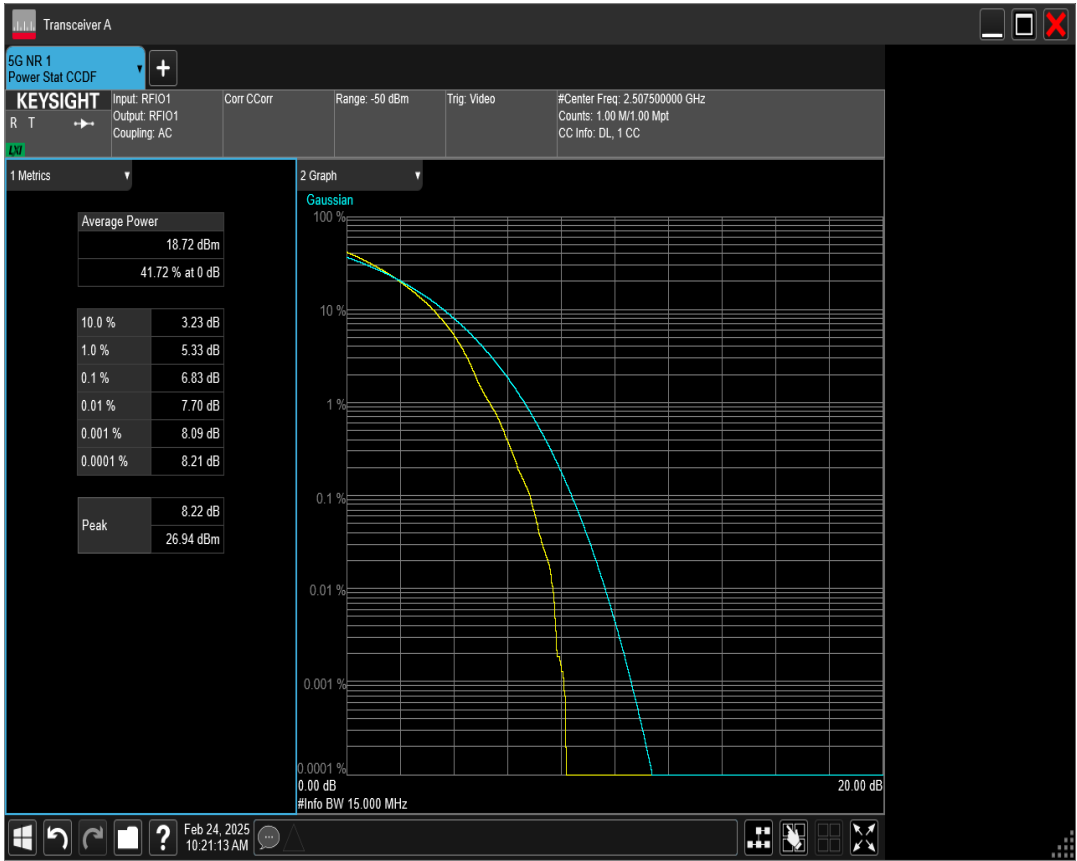
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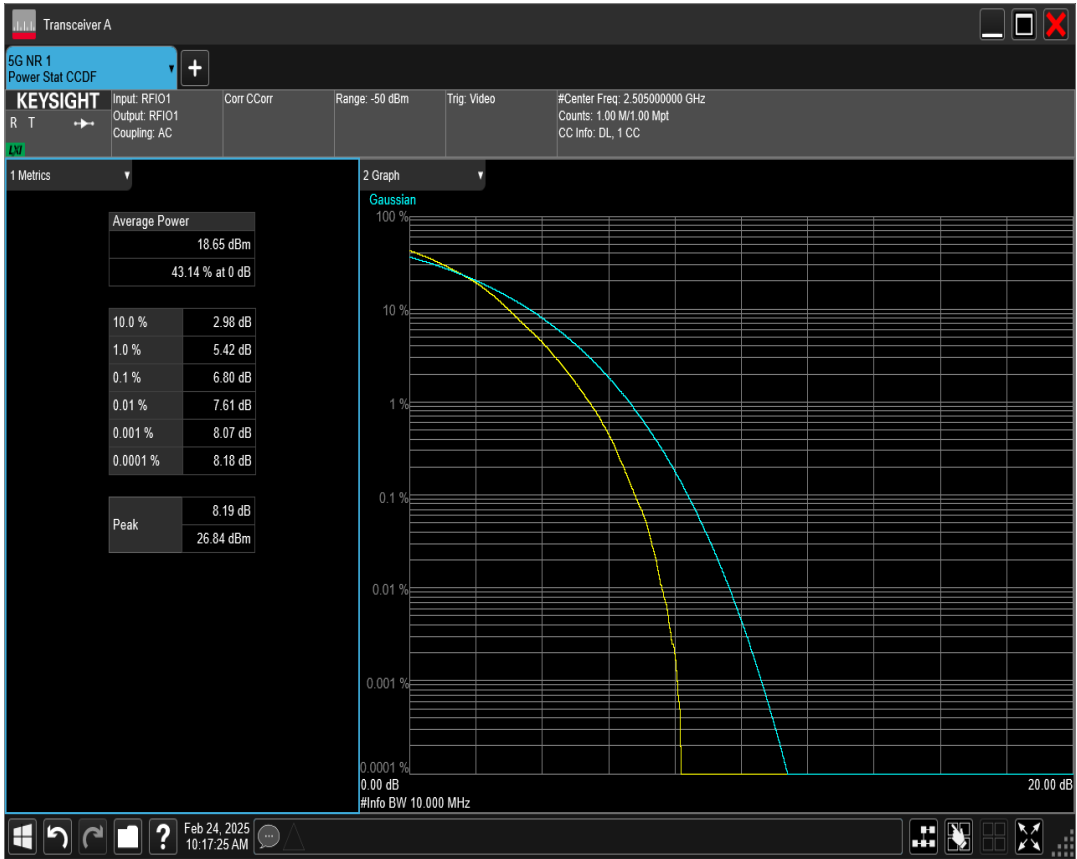
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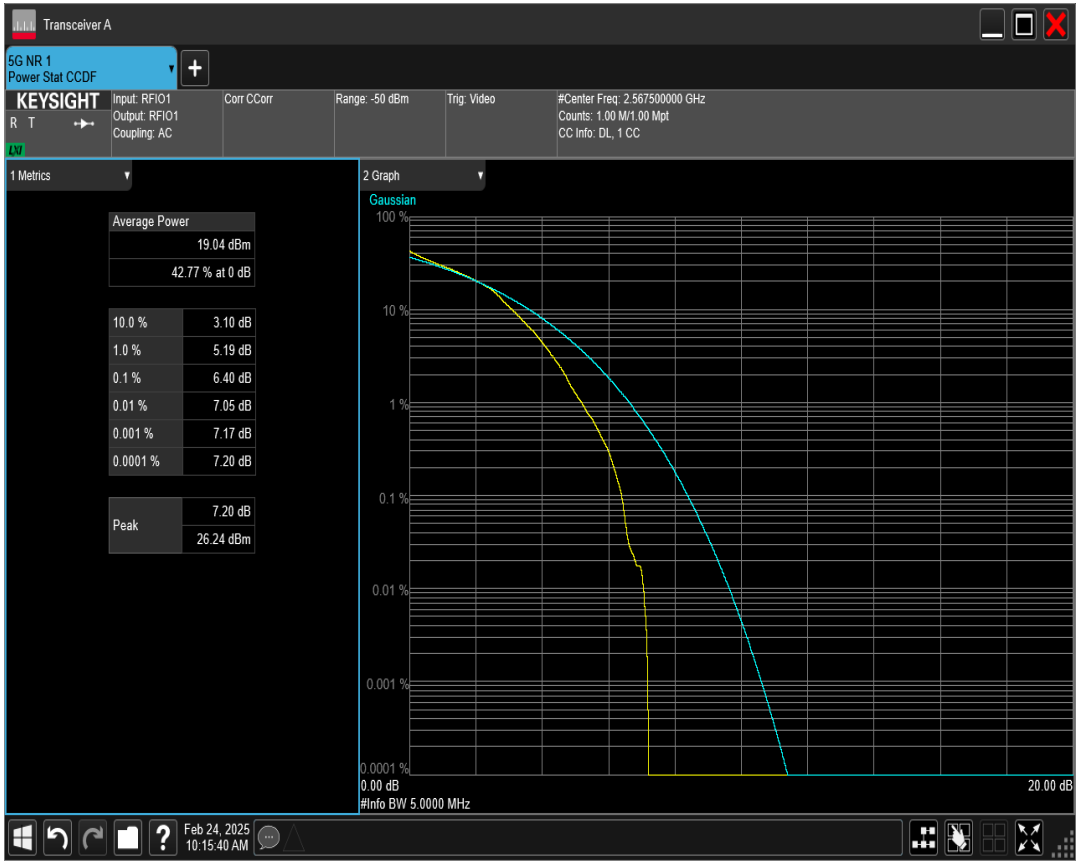
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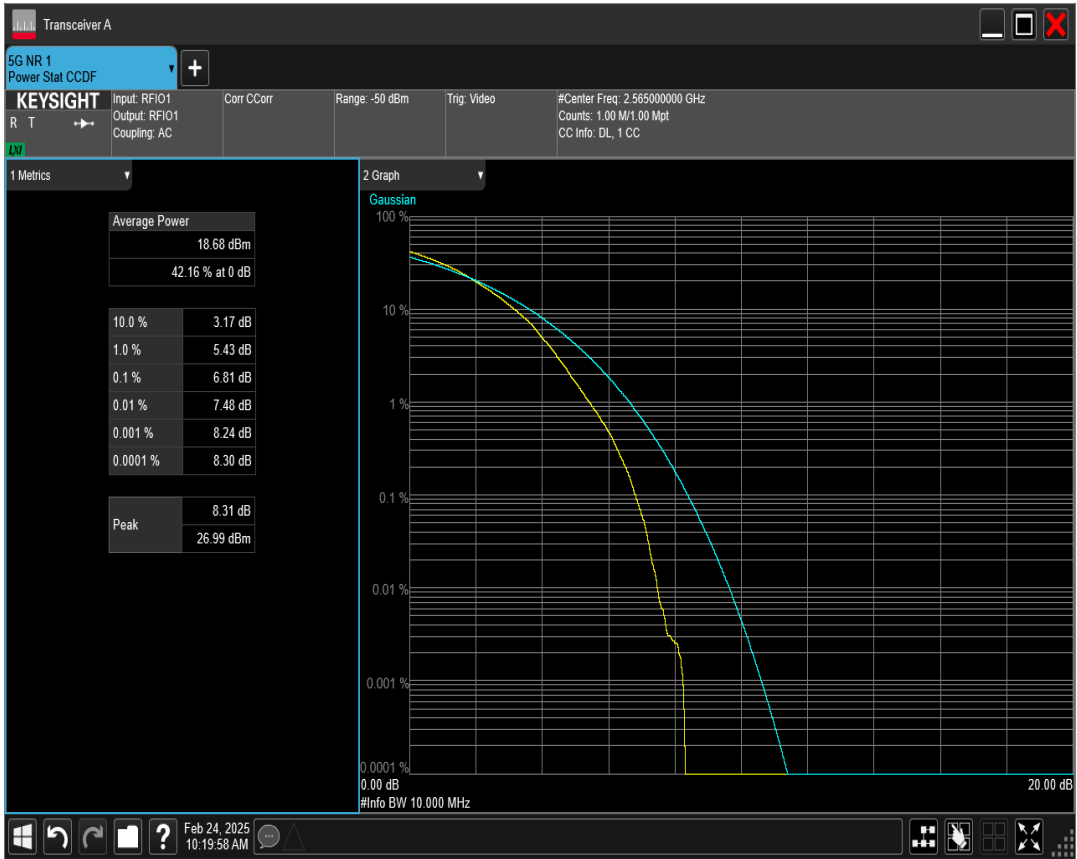
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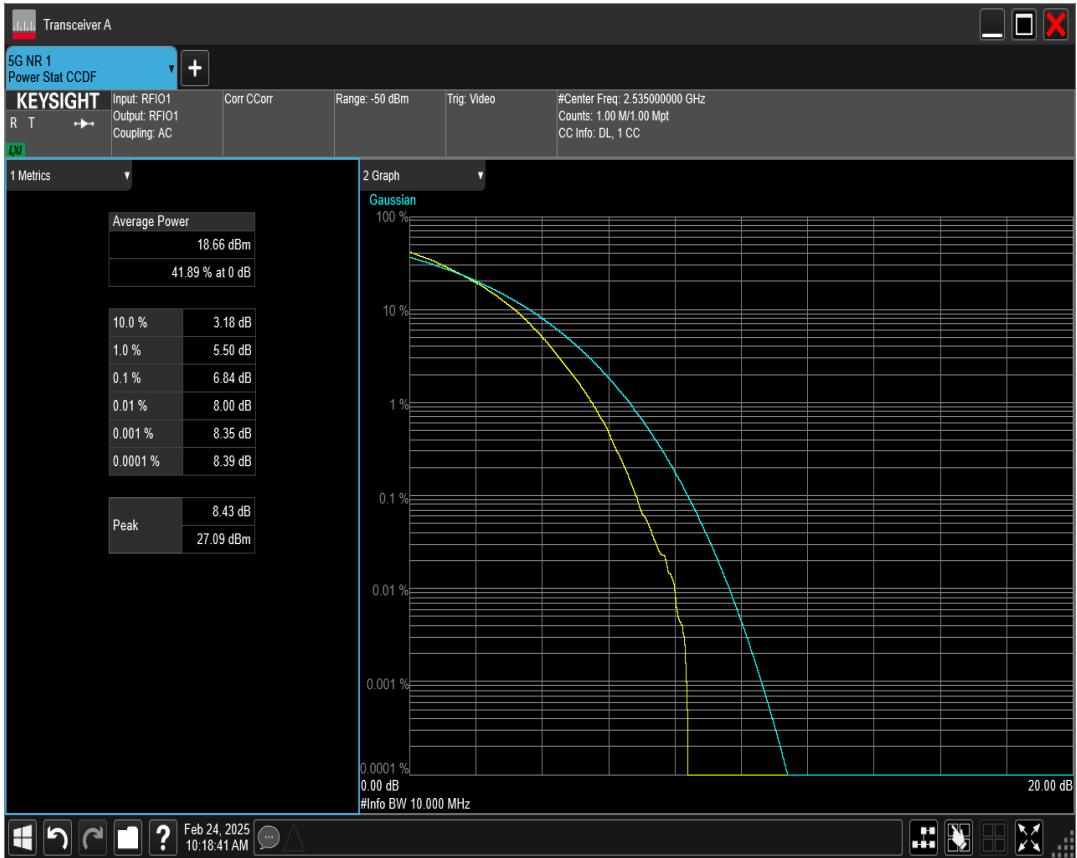
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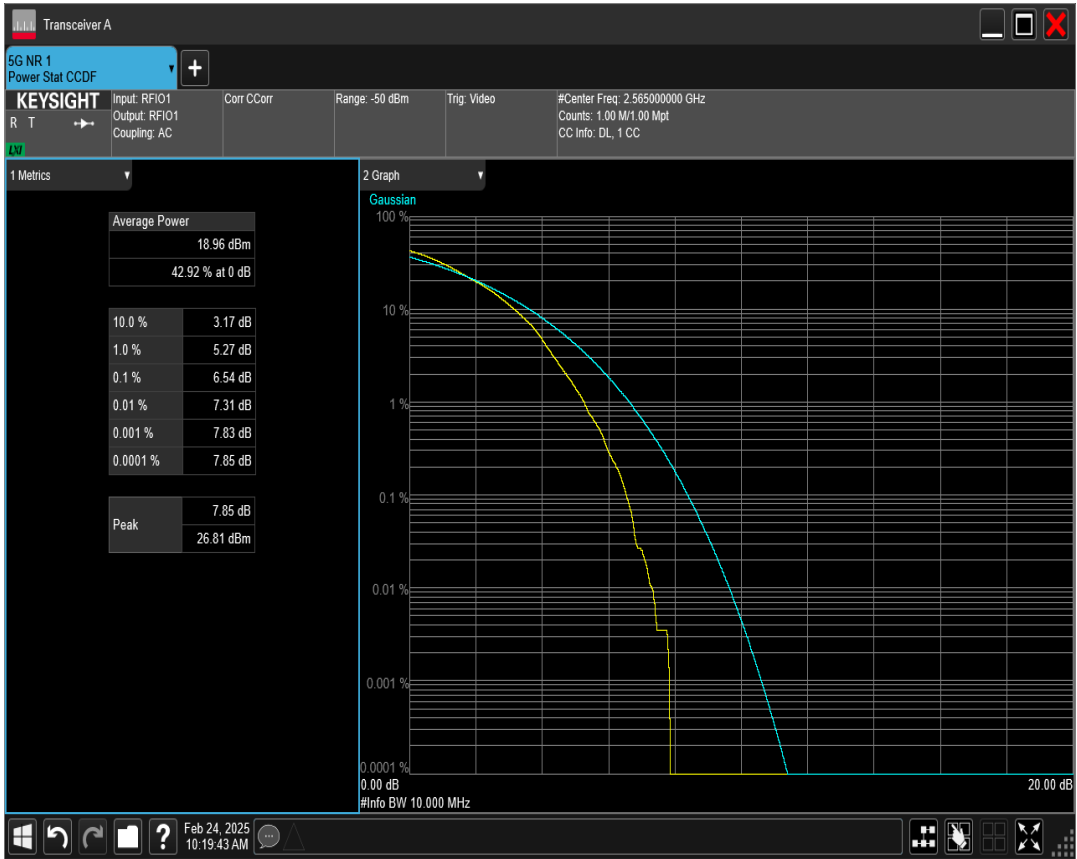
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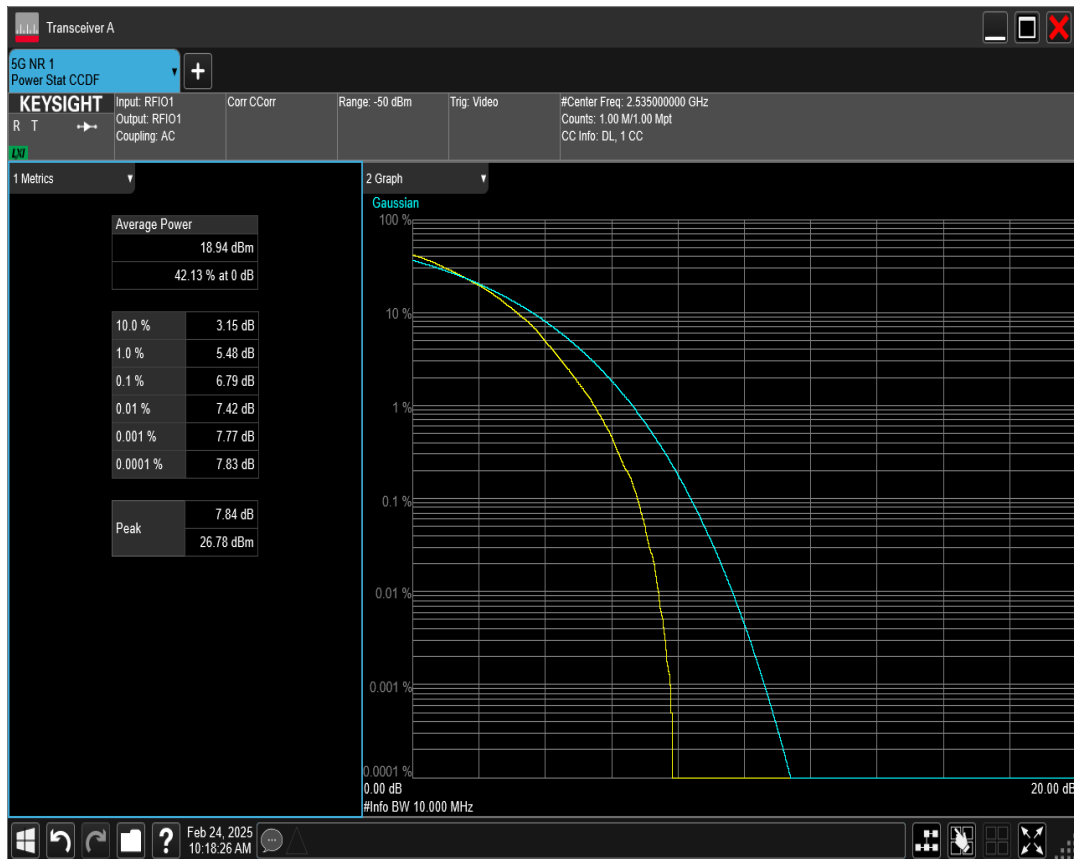
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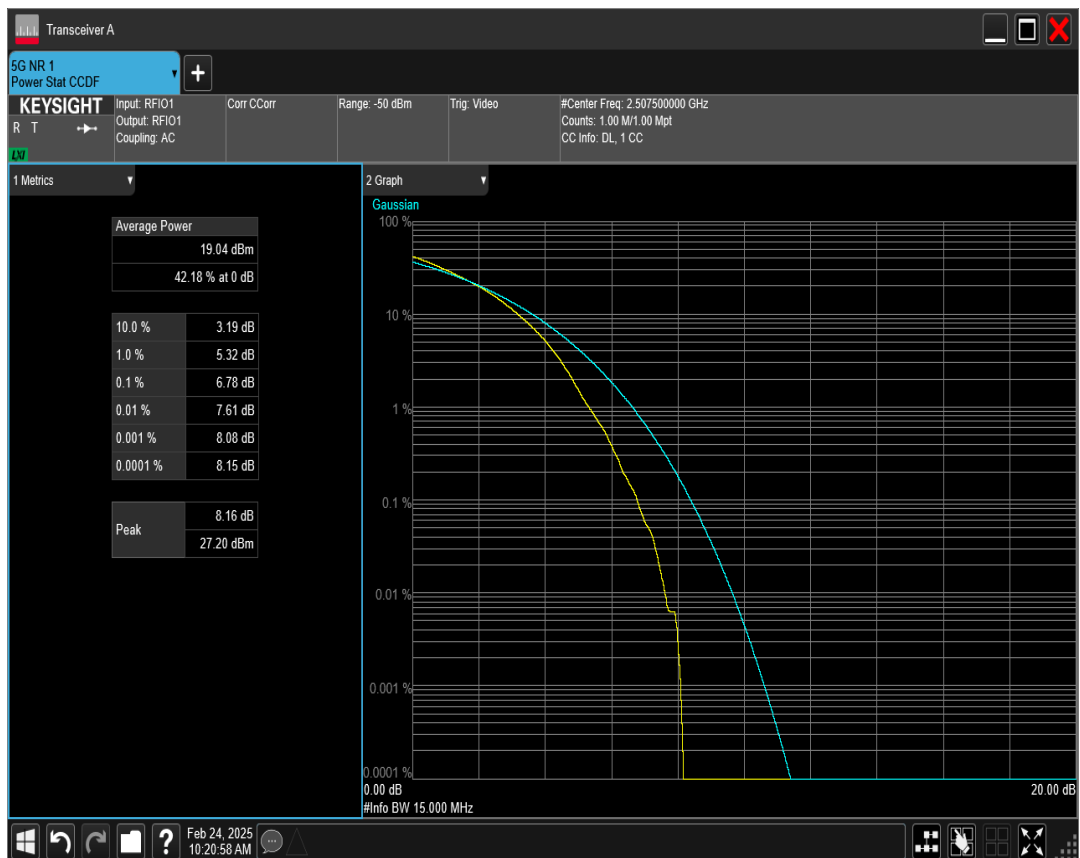
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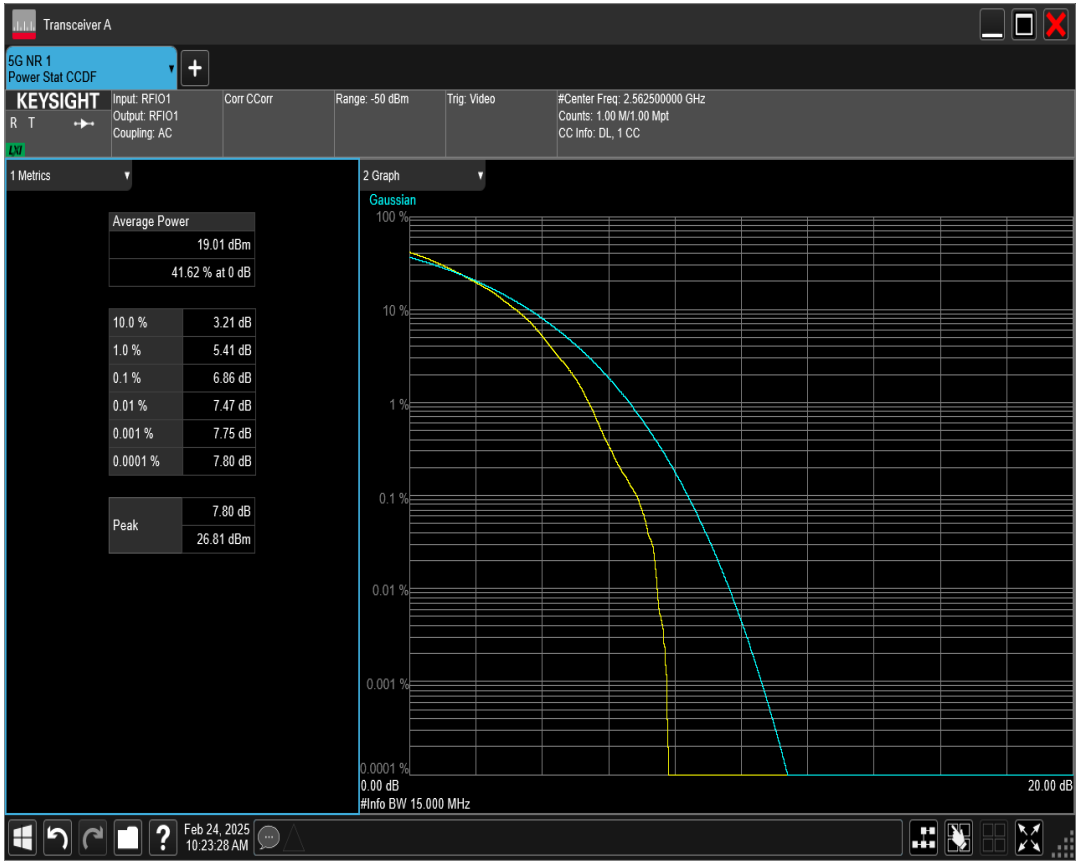
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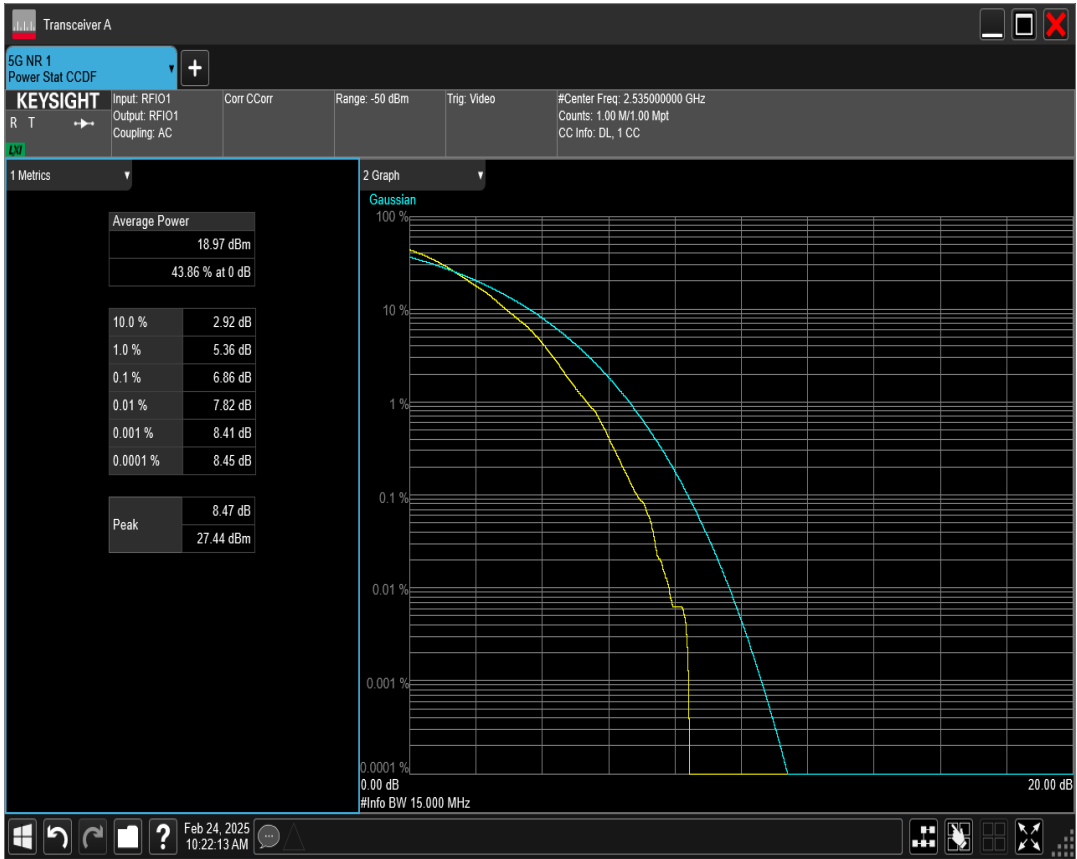
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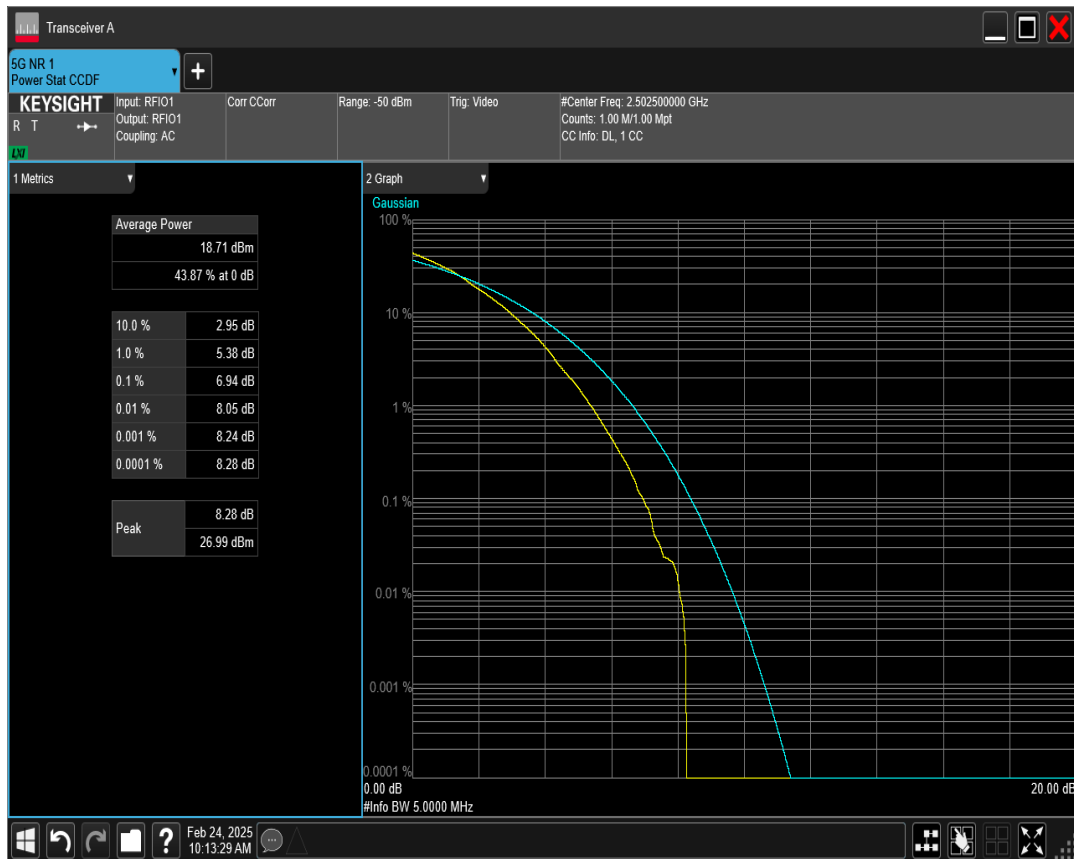
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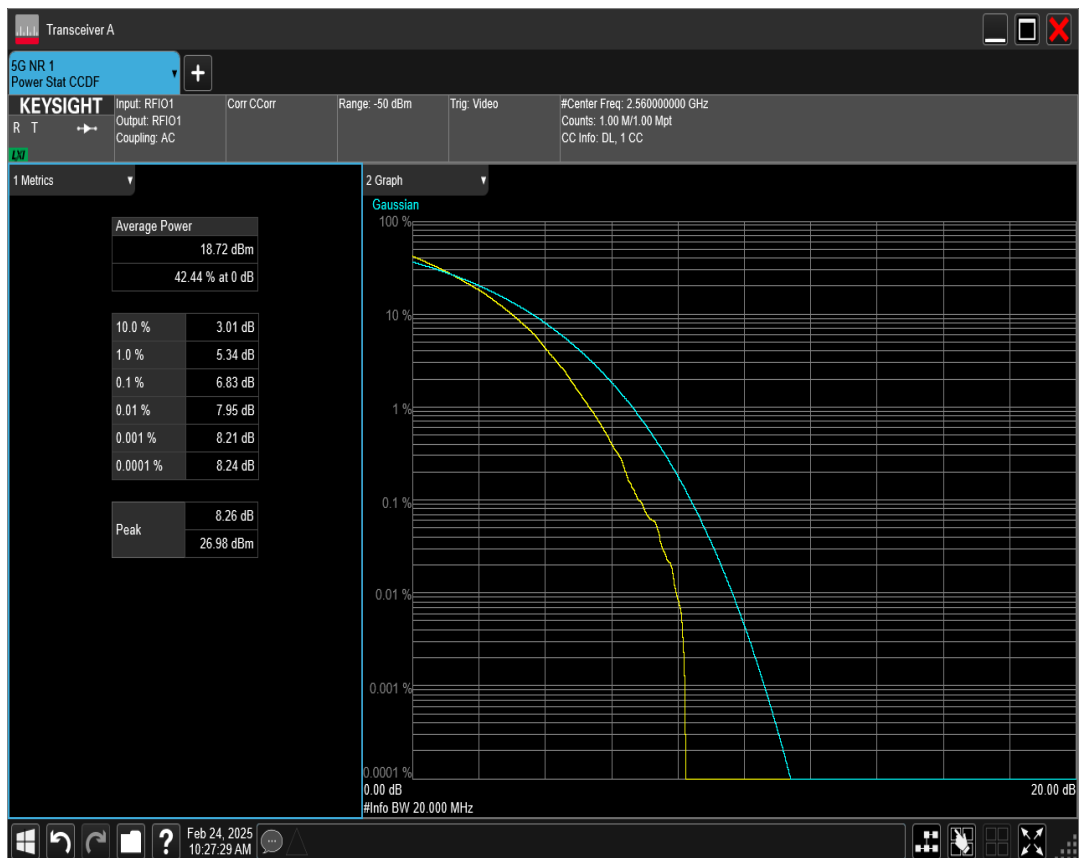
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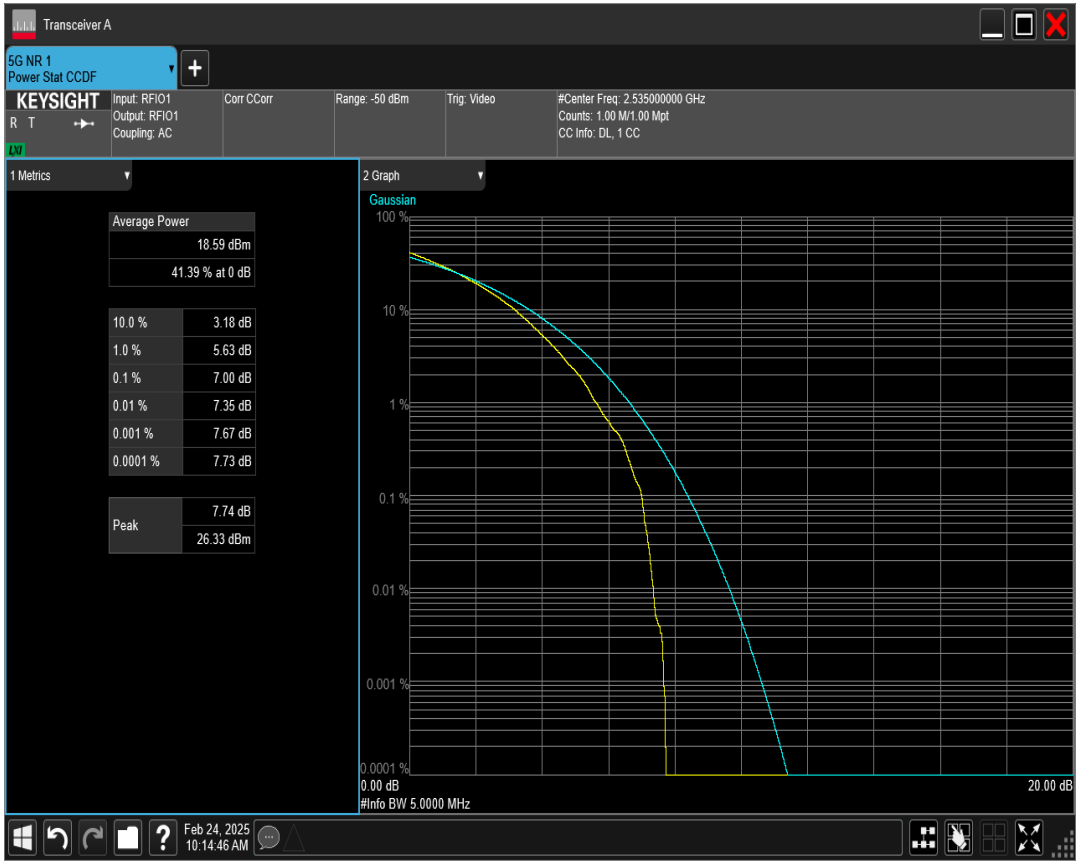
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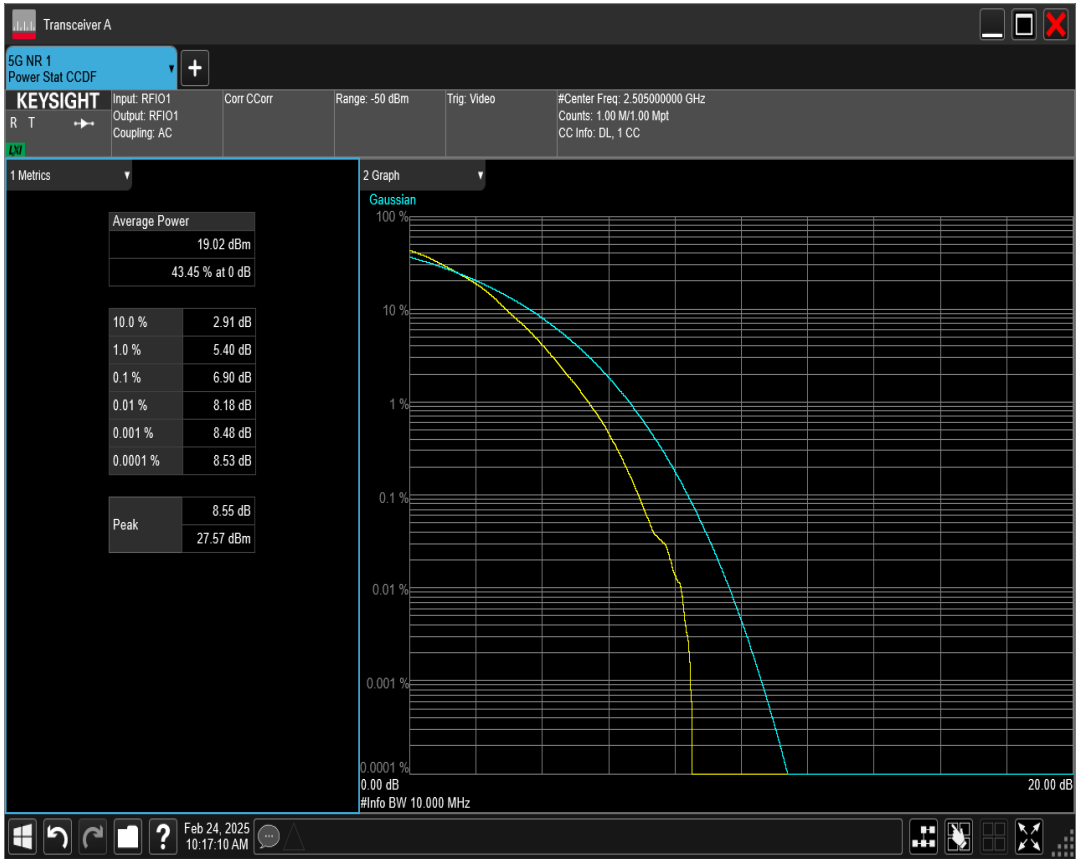
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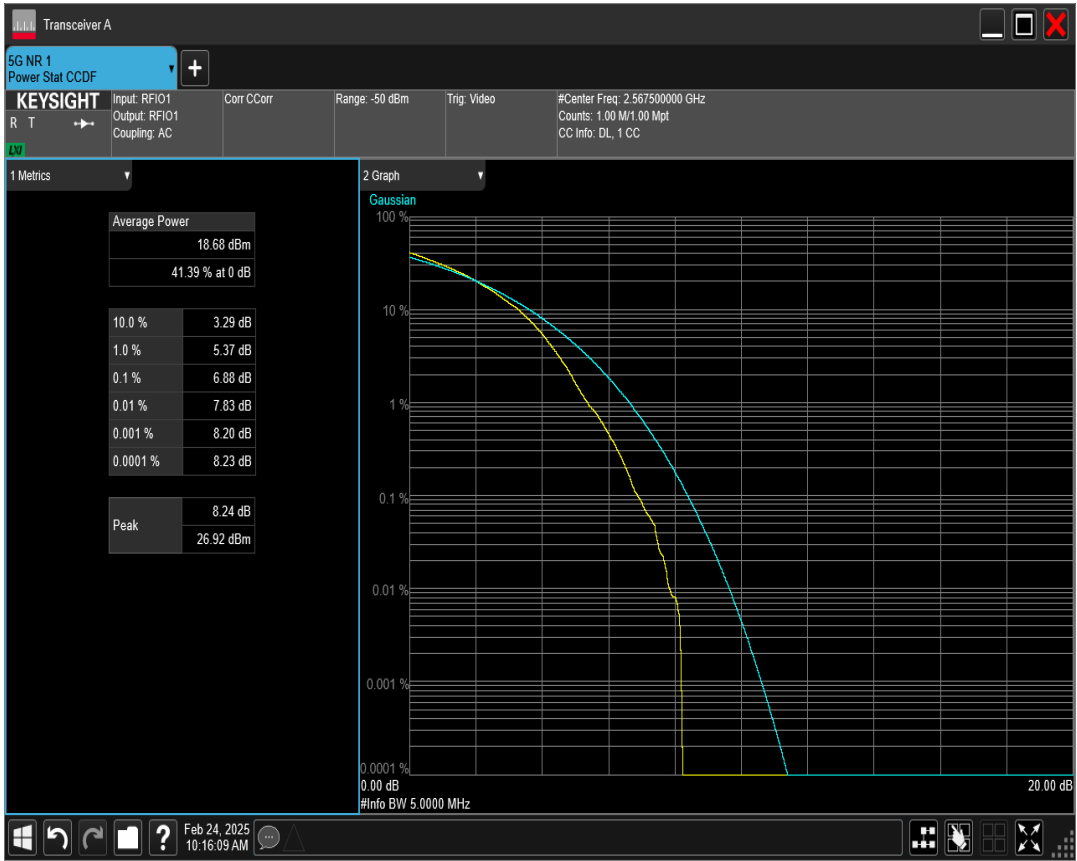
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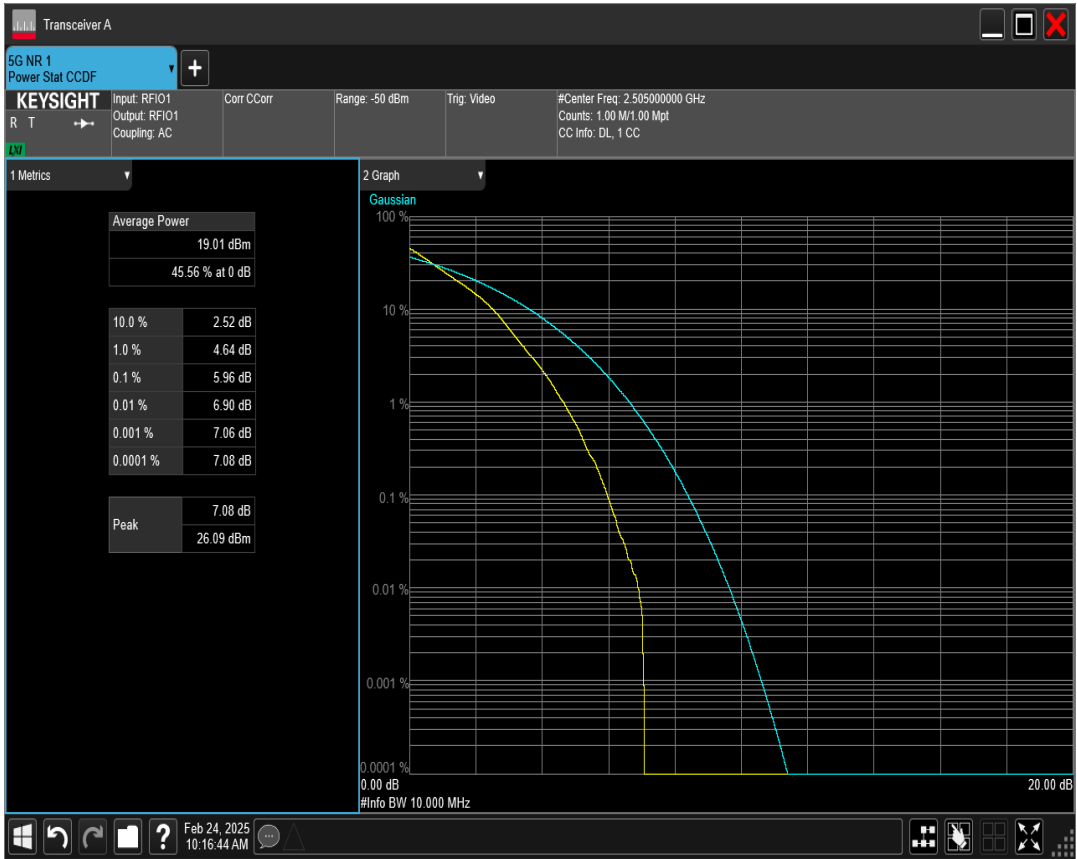
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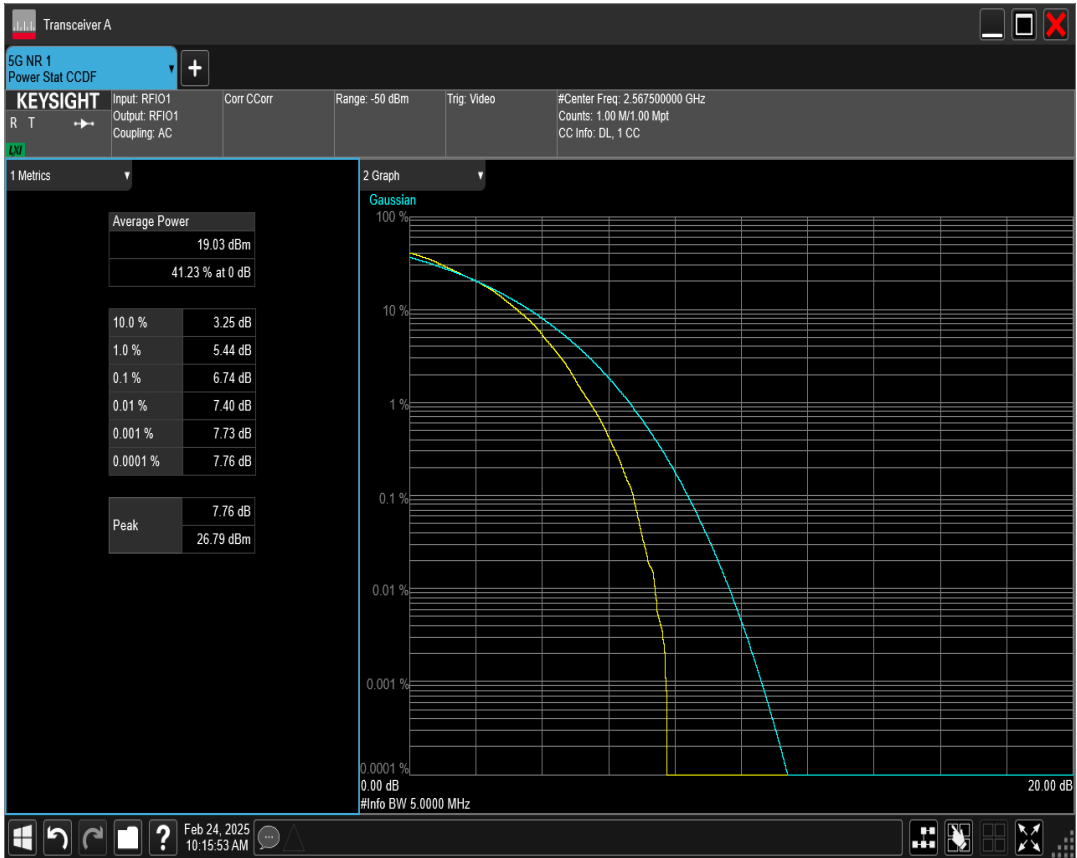
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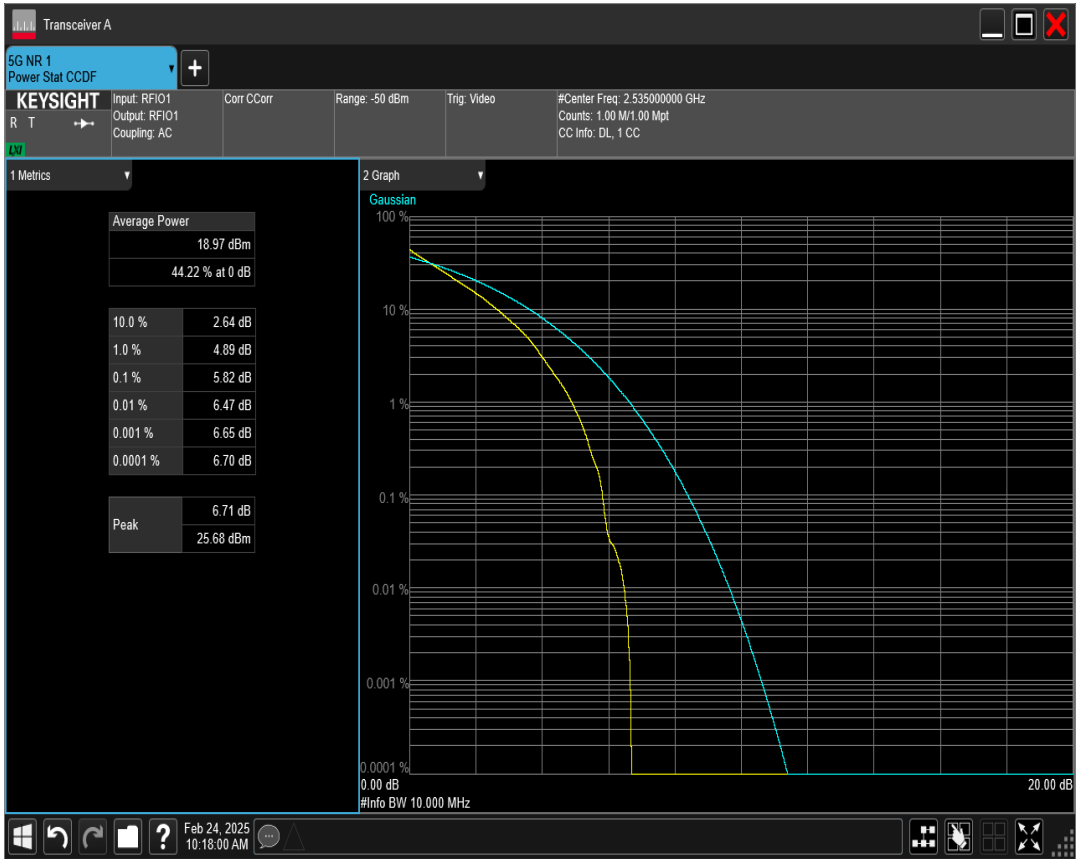
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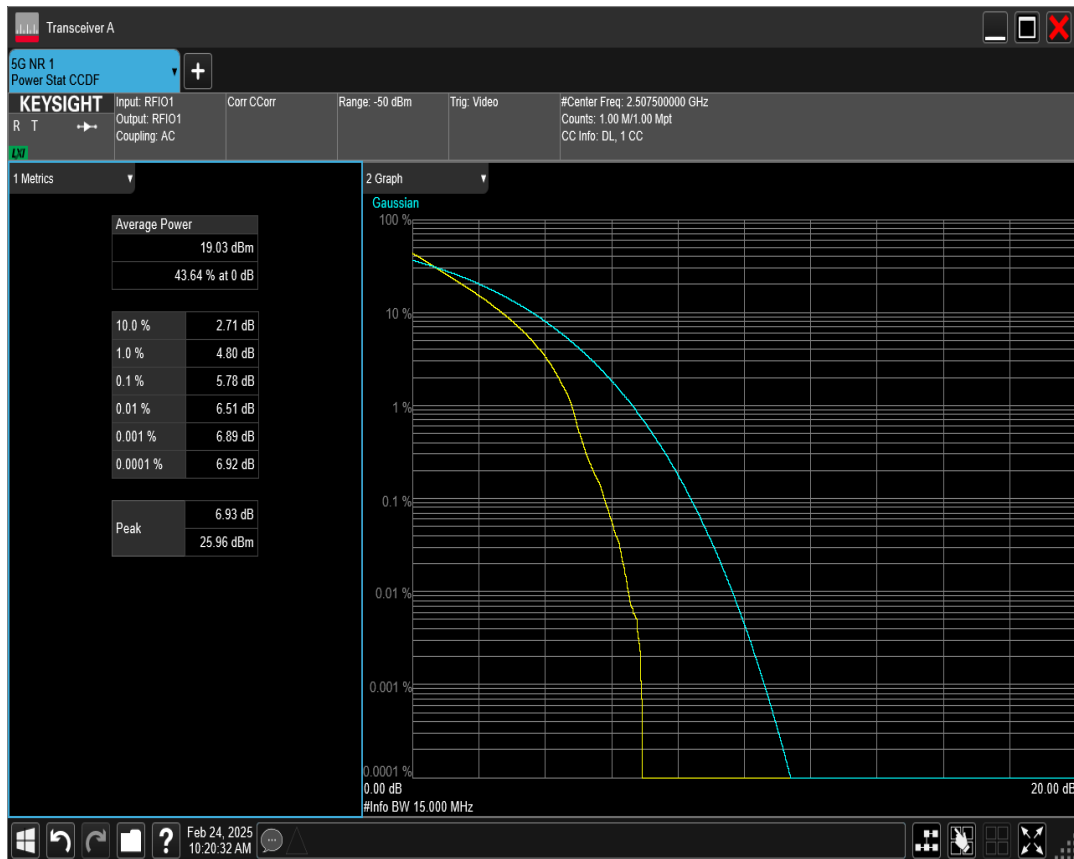
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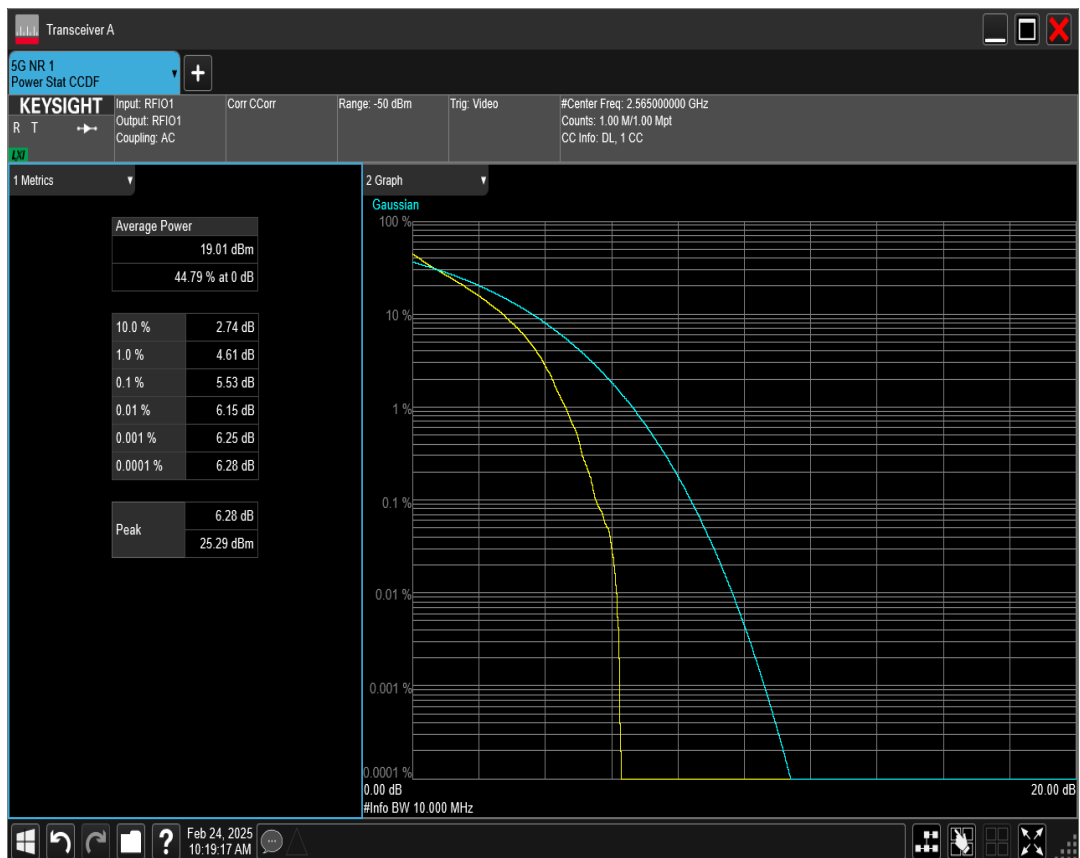
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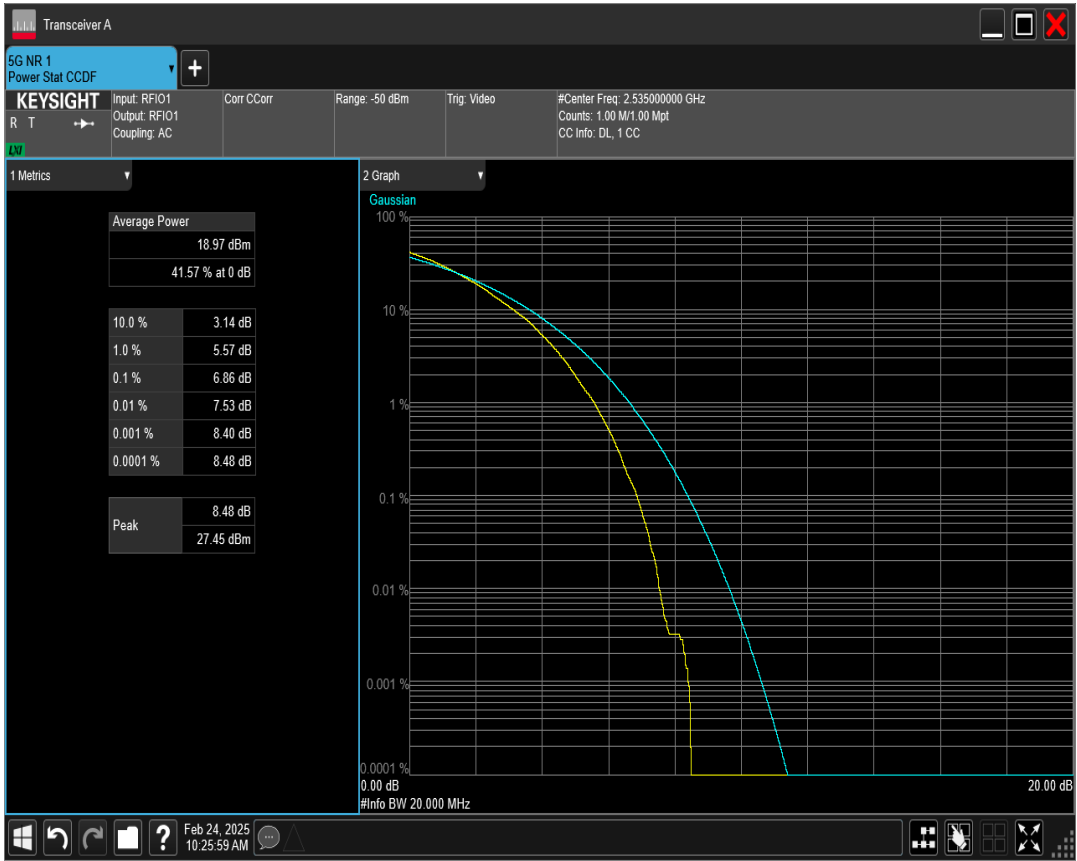
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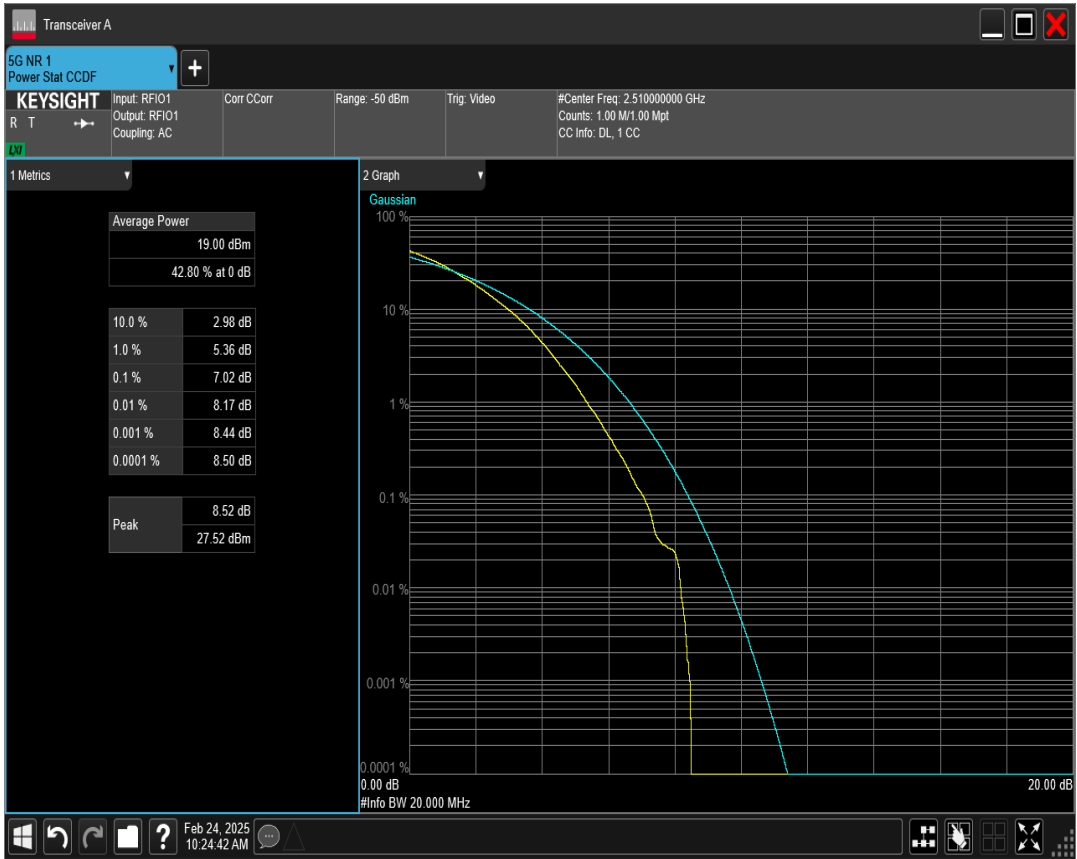
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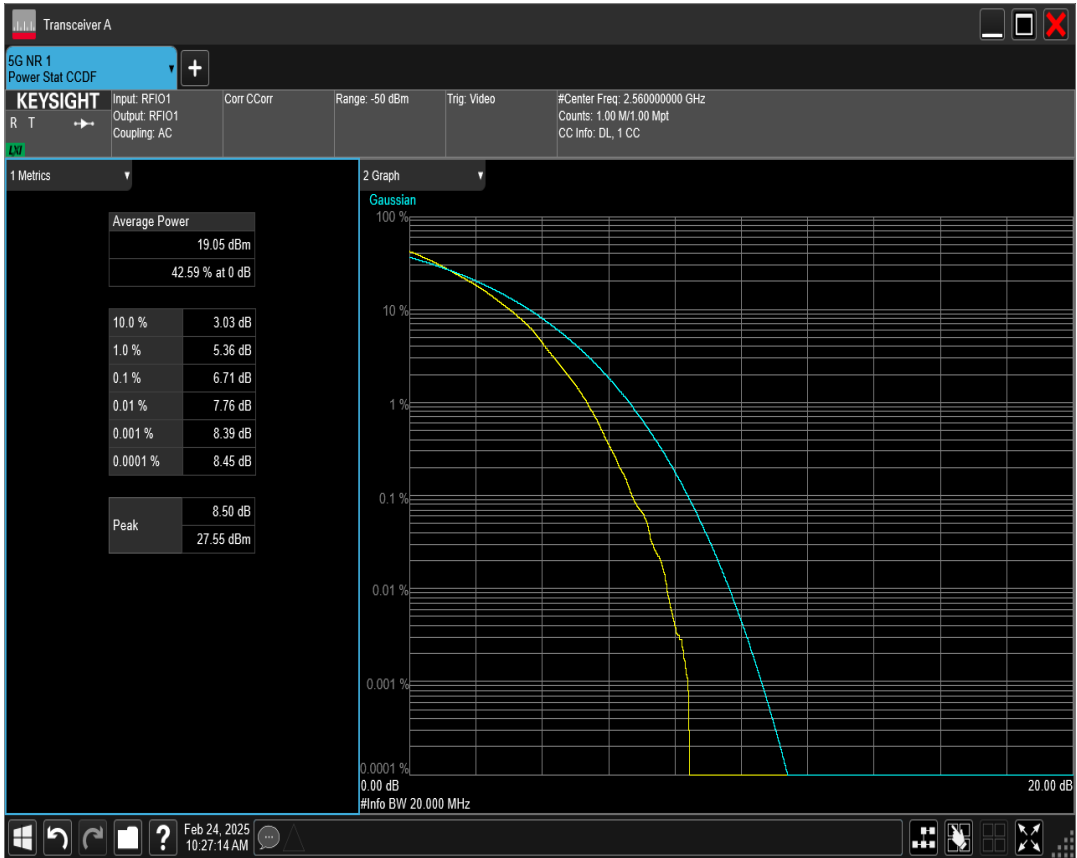
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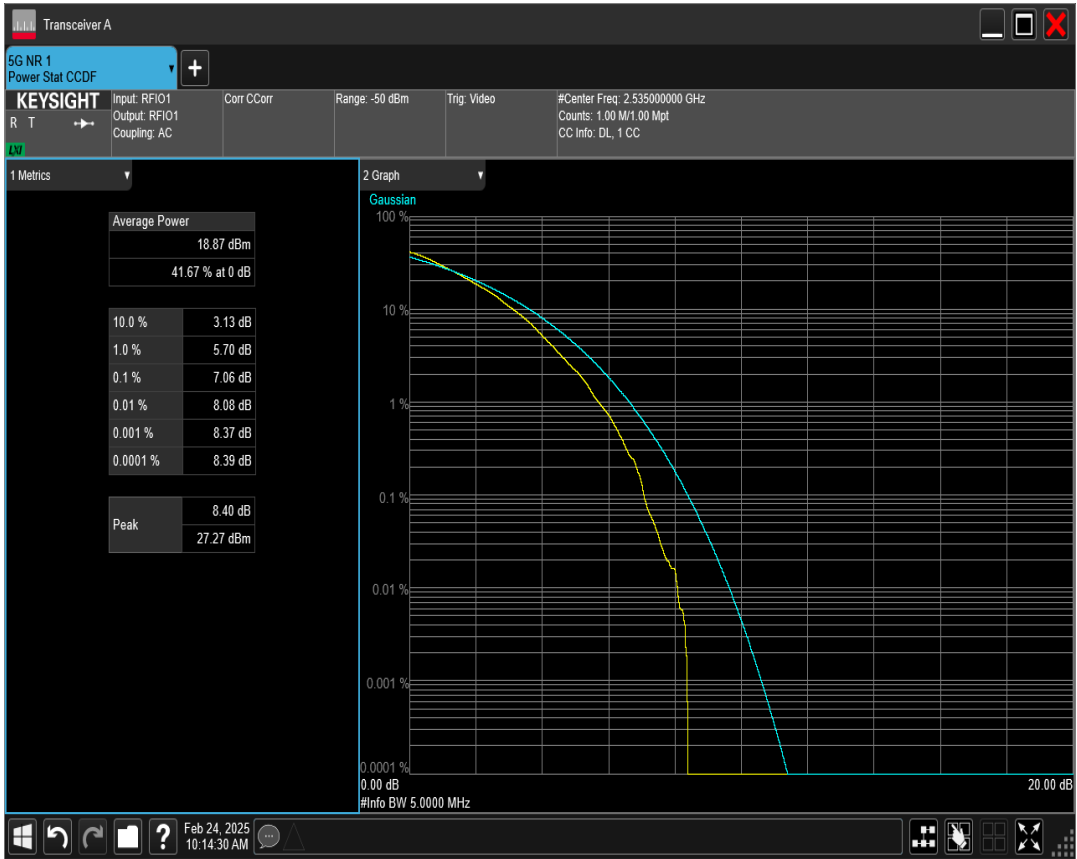
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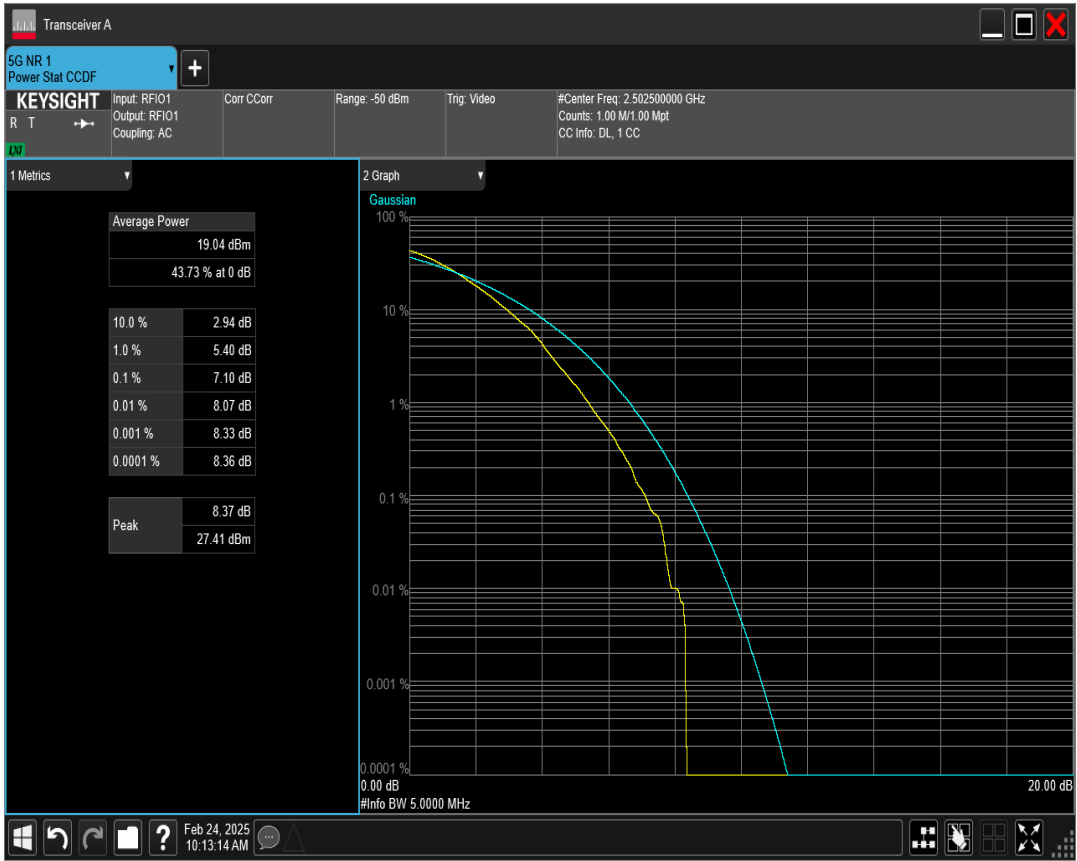
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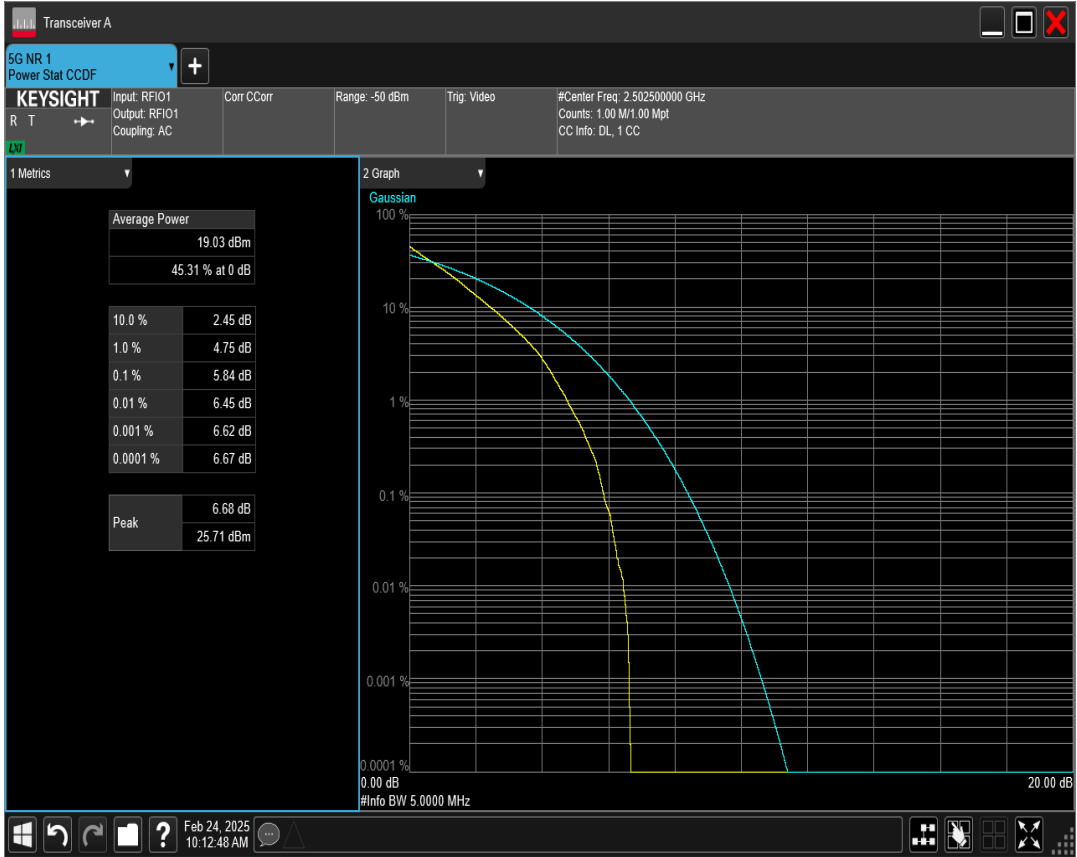
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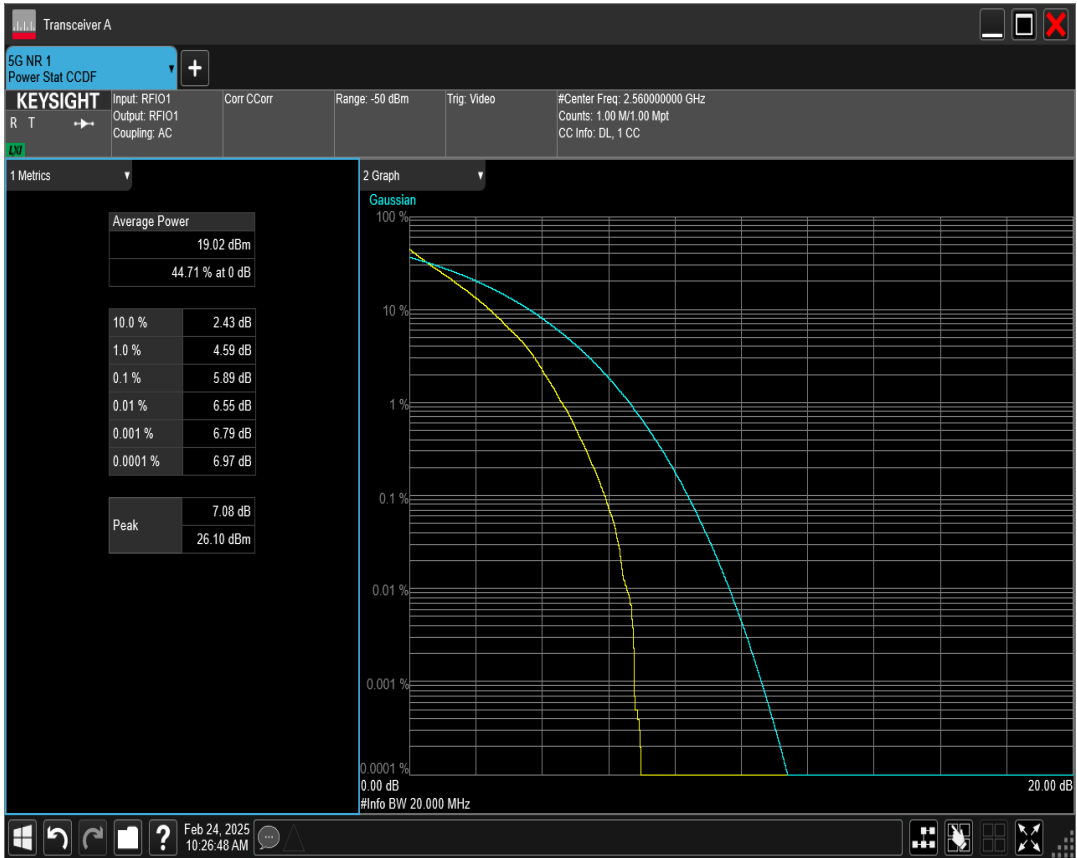
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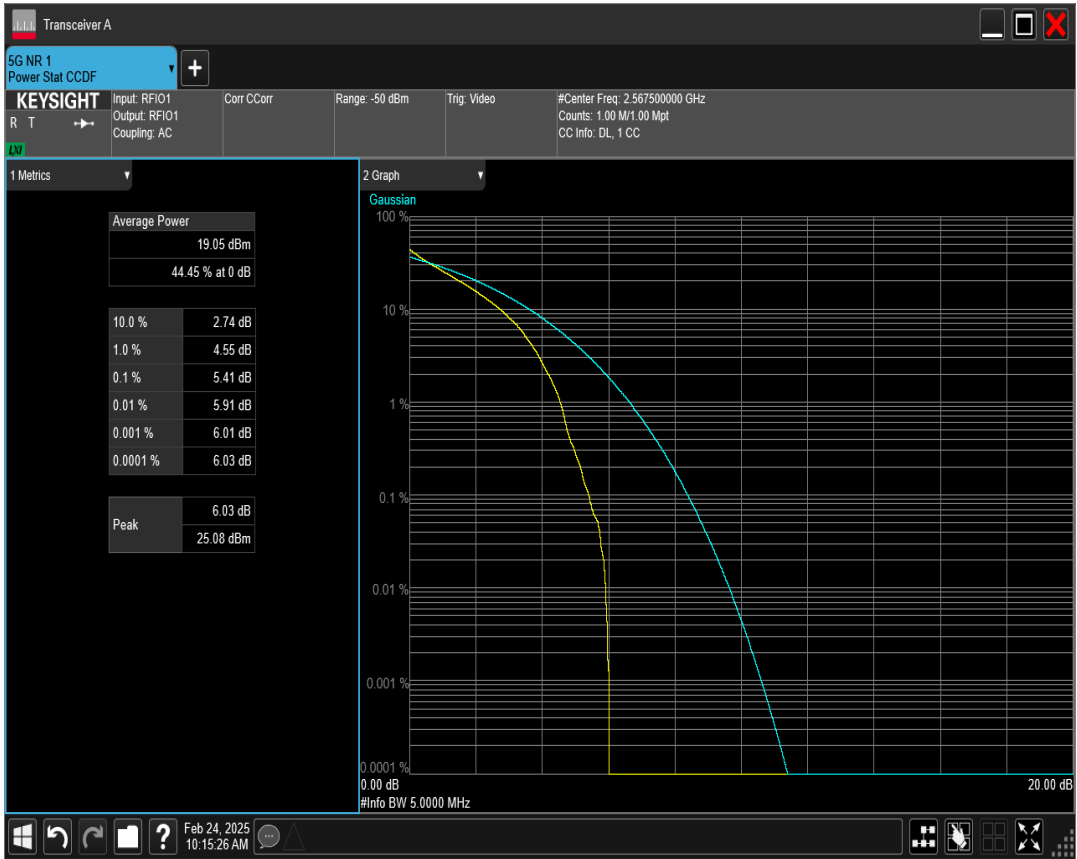
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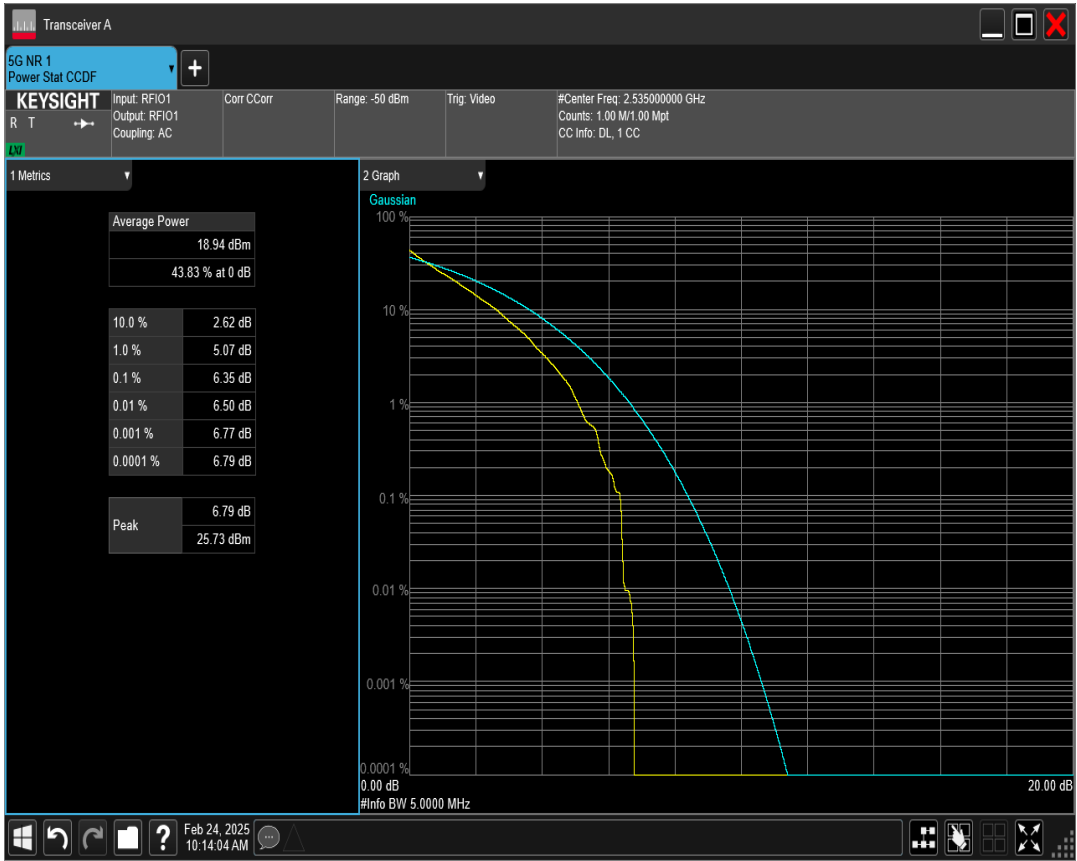
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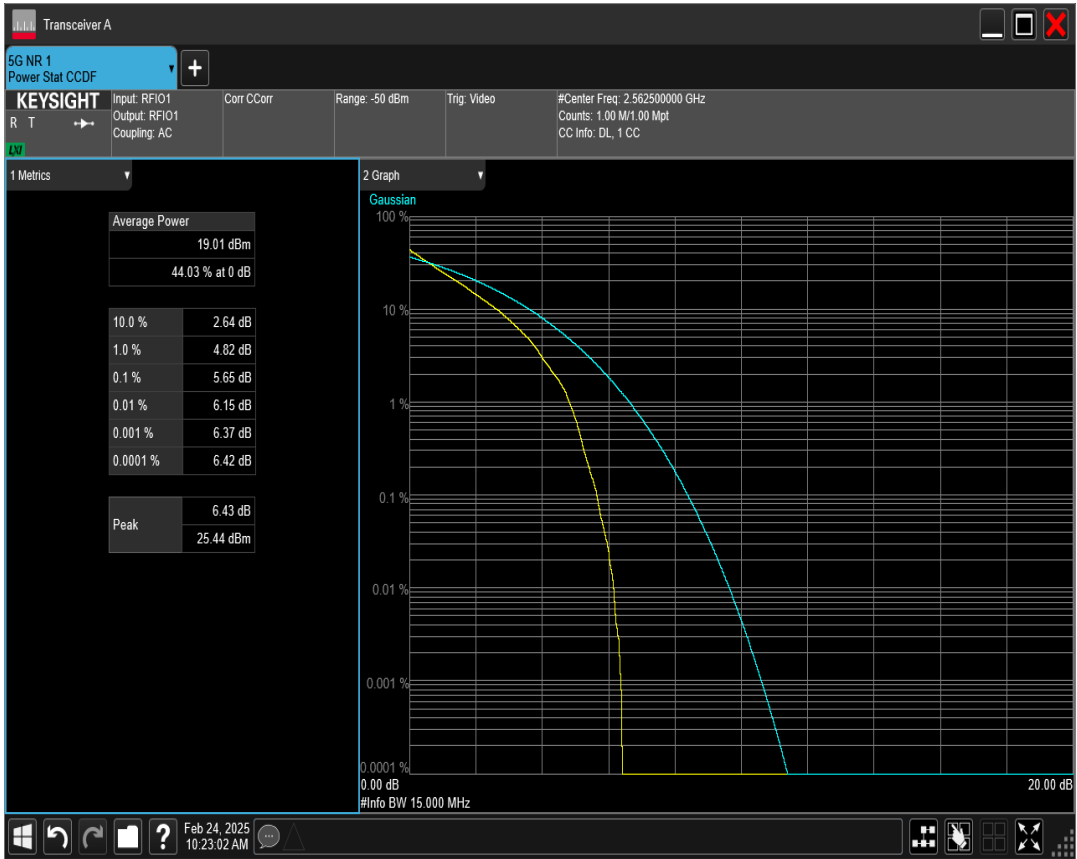
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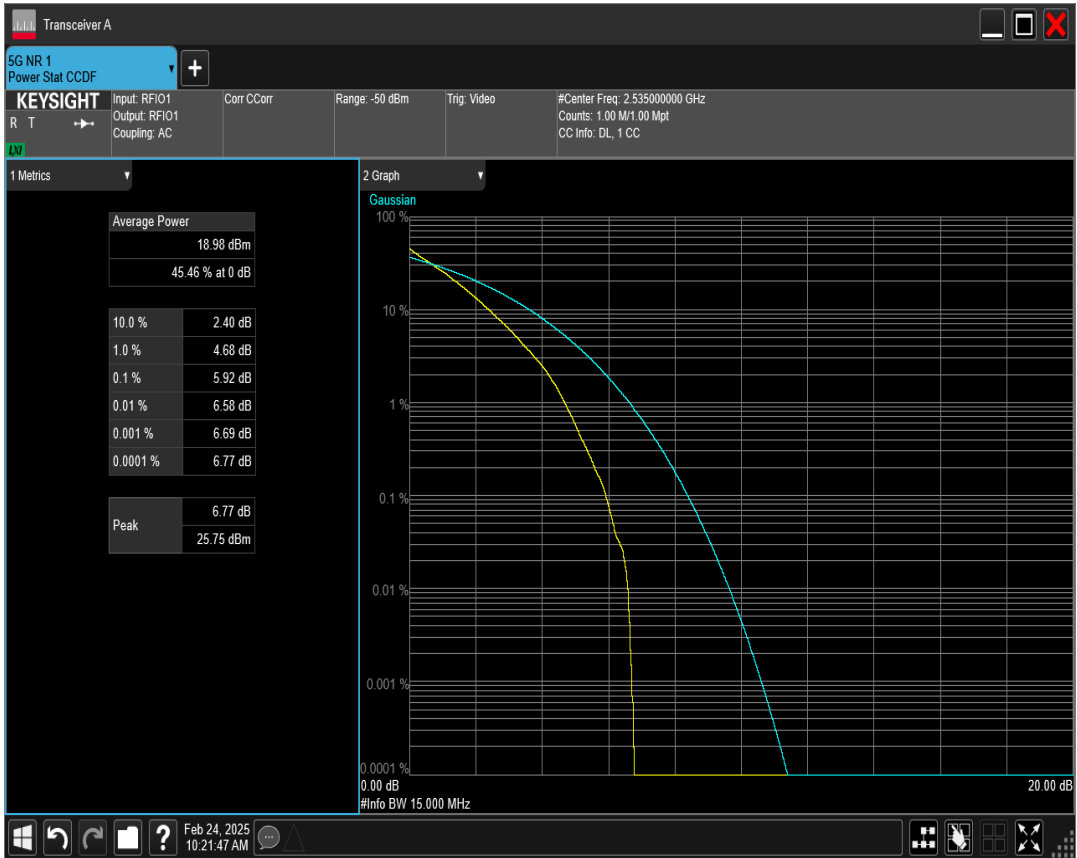
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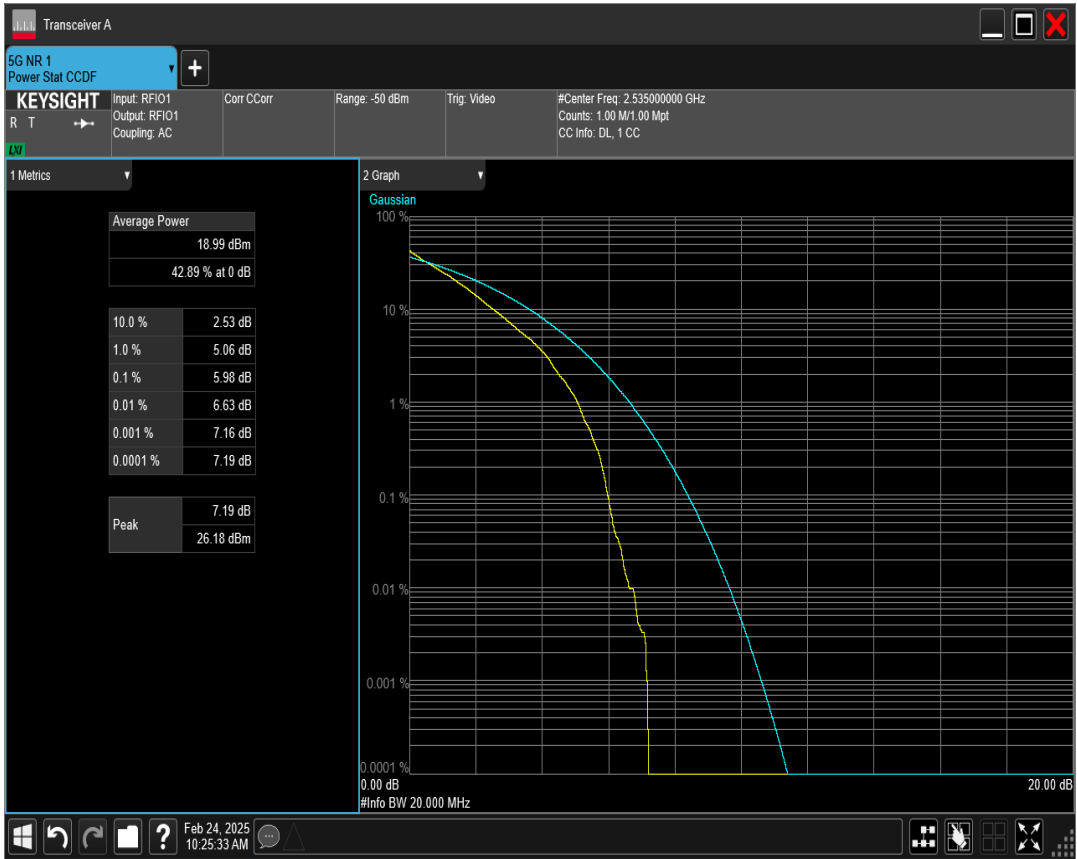
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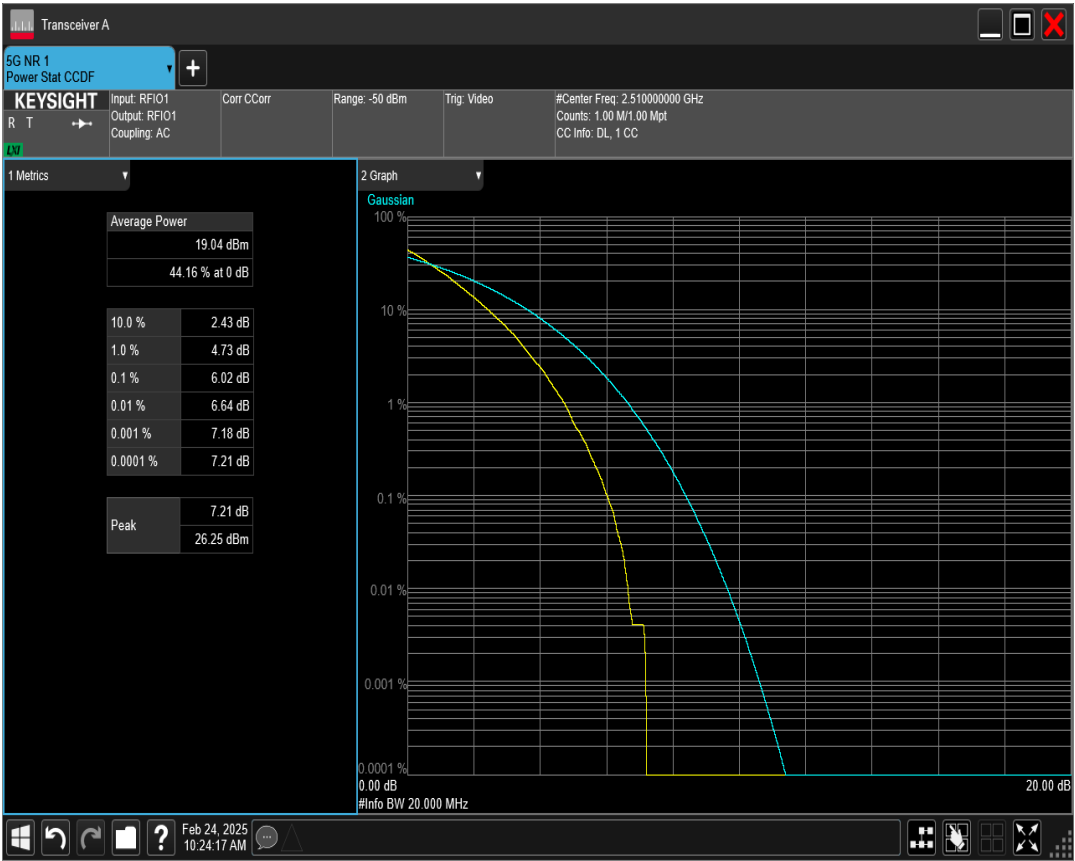
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*n7 SCS=15kHz DFT\_QPSK BW=20MHz Channel=507000 RB=100@0*



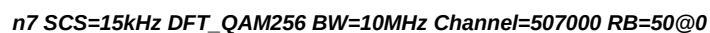
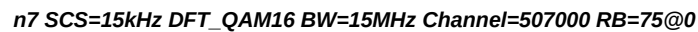
*n7 SCS=15kHz DFT\_QPSK BW=20MHz Channel=502000 RB=100@0*



## 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%<br/>OBW<br/>(MHz)</b> | <b>-26dB<br/>EBW<br/>(MHz)</b> | <b>Verdict</b> |
|-------------|----------------------|----------------------------|-----------------------|--------------------------|-------------------|------------------------------|--------------------------------|----------------|
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_BPSK          | 4.460                        | 4.670                          | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QPSK          | 4.480                        | 4.660                          | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QAM16         | 4.470                        | 4.670                          | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QAM64         | 4.470                        | 4.710                          | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QAM256        | 4.460                        | 4.640                          | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_BPSK          | 9.190                        | 9.110                          | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QPSK          | 9.260                        | 9.140                          | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QAM16         | 9.240                        | 9.130                          | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QAM64         | 9.240                        | 9.110                          | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QAM256        | 9.220                        | 9.110                          | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_BPSK          | 14.040                       | 13.670                         | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QPSK          | 14.050                       | 13.640                         | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QAM16         | 14.050                       | 13.660                         | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QAM64         | 14.030                       | 13.660                         | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QAM256        | 13.990                       | 13.640                         | PASS           |
| n7          | 15                   | 20                         | 507000                | 100@0                    | DFT_BPSK          | 18.810                       | 18.150                         | PASS           |
| n7          | 15                   | 20                         | 507000                | 100@0                    | DFT_QPSK          | 18.780                       | 18.160                         | PASS           |
| n7          | 15                   | 20                         | 507000                | 100@0                    | DFT_QAM16         | 18.730                       | 18.140                         | PASS           |
| n7          | 15                   | 20                         | 507000                | 100@0                    | DFT_QAM64         | 18.790                       | 18.110                         | PASS           |
| n7          | 15                   | 20                         | 507000                | 100@0                    | DFT_QAM256        | 18.730                       | 18.230                         | PASS           |

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





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



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



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



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



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



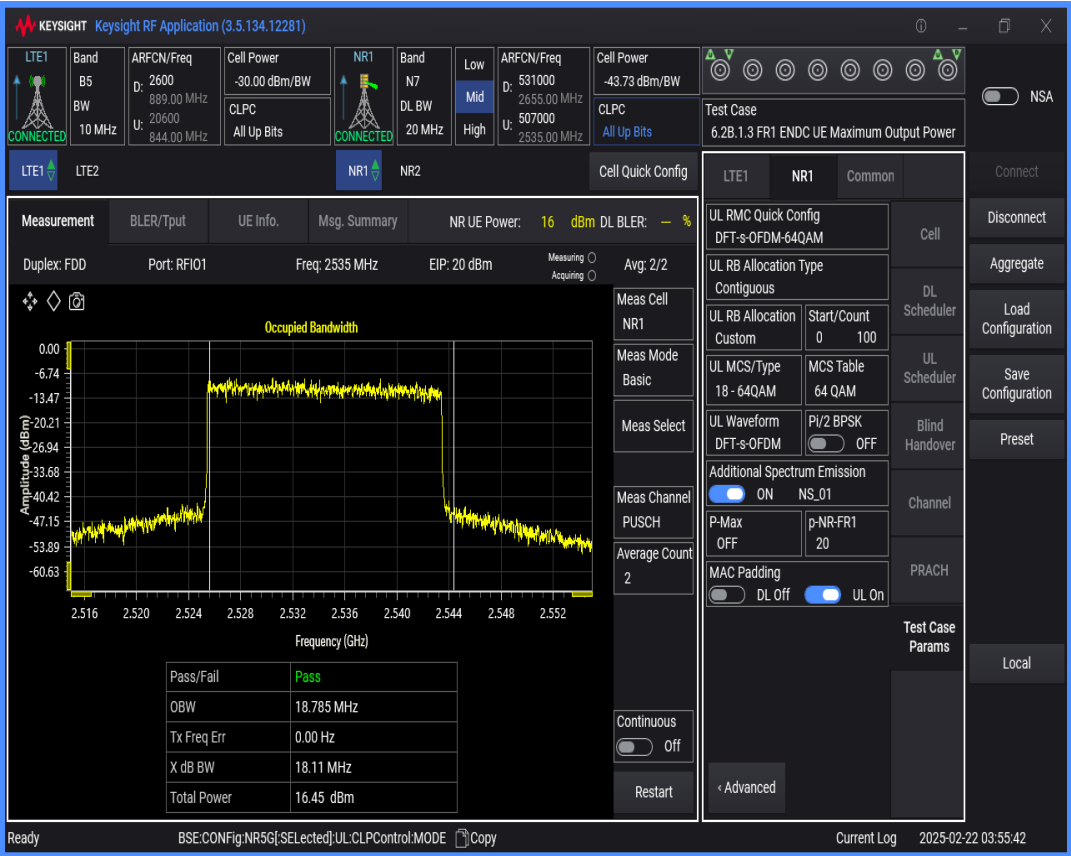
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n7 SCS=15kHz DFT\_QAM64 BW=5MHz Channel=507000 RB=25@0



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



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



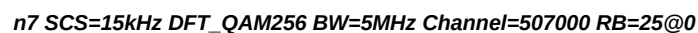
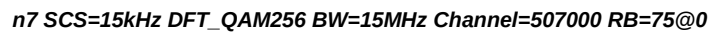
*n7 SCS=15kHz DFT\_QPSK BW=20MHz Channel=507000 RB=100@0*



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



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





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



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