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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 |
|-------|--------------|--------------------|---------------|------------------|------------|----------------|--------------------|---------------------|---------|
| Band4 | 15           | 5                  | 19975         | 1@0              | QPSK       | 8.86           |                    |                     |         |
| n7    | 15           | 5                  | 500500        | 1@0              | DFT_BPSK   | 23.75          |                    |                     |         |
| Sum   | 15           |                    |               |                  |            | 23.88          | 19                 | 26                  | PASS    |
| Band4 | 15           | 5                  | 20175         | 8@0              | QPSK       | 9.34           |                    |                     |         |
| n7    | 15           | 5                  | 507000        | 12@6             | DFT_BPSK   | 23.48          |                    |                     |         |
| Sum   | 15           |                    |               |                  |            | 23.64          | 19                 | 26                  | PASS    |
| Band4 | 15           | 5                  | 20175         | 8@0              | QPSK       | 9.34           |                    |                     |         |
| n7    | 15           | 5                  | 507000        | 12@6             | DFT_QPSK   | 23.50          |                    |                     |         |
| Sum   | 15           |                    |               |                  |            | 23.66          | 19                 | 26                  | PASS    |
| Band4 | 15           | 5                  | 20375         | 1@17             | QPSK       | 9.46           |                    |                     |         |
| n7    | 15           | 5                  | 513500        | 1@24             | DFT_BPSK   | 22.94          |                    |                     |         |
| Sum   | 15           |                    |               |                  |            | 23.13          | 19                 | 26                  | PASS    |
| Band4 | 15           | 5                  | 20375         | 8@17             | QPSK       | 9.50           |                    |                     |         |
| n7    | 15           | 5                  | 513500        | 12@6             | DFT_BPSK   | 24.00          |                    |                     |         |
| Sum   | 15           |                    |               |                  |            | 24.15          | 19                 | 26                  | PASS    |
| Band4 | 15           | 5                  | 20375         | 1@17             | QPSK       | 9.44           |                    |                     |         |
| n7    | 15           | 5                  | 513500        | 1@24             | DFT_QPSK   | 23.99          |                    |                     |         |
| Sum   | 15           |                    |               |                  |            | 24.13          | 19                 | 26                  | PASS    |
| Band4 | 15           | 5                  | 20375         | 8@17             | QPSK       | 9.49           |                    |                     |         |
| n7    | 15           | 5                  | 513500        | 12@6             | DFT_QPSK   | 24.10          |                    |                     |         |
| Sum   | 15           |                    |               |                  |            | 24.24          | 19                 | 26                  | PASS    |
| Band4 | 15           | 20                 | 20050         | 1@0              | QPSK       | 9.25           |                    |                     |         |
| n7    | 15           | 20                 | 502000        | 1@0              | DFT_BPSK   | 23.71          |                    |                     |         |
| Sum   | 15           |                    |               |                  |            | 23.86          | 19                 | 26                  | PASS    |
| Band4 | 15           | 20                 | 20175         | 18@0             | QPSK       | 9.22           |                    |                     |         |
| n7    | 15           | 20                 | 507000        | 50@25            | DFT_BPSK   | 23.41          |                    |                     |         |
| Sum   | 15           |                    |               |                  |            | 23.57          | 19                 | 26                  | PASS    |
| Band4 | 15           | 20                 | 20175         | 18@0             | QPSK       | 9.27           |                    |                     |         |
| n7    | 15           | 20                 | 507000        | 50@25            | DFT_QPSK   | 23.47          |                    |                     |         |
| Sum   | 15           |                    |               |                  |            | 23.63          | 19                 | 26                  | PASS    |
| Band4 | 15           | 20                 | 20300         | 1@72             | QPSK       | 9.50           |                    |                     |         |
| n7    | 15           | 20                 | 512000        | 1@105            | DFT_BPSK   | 23.90          |                    |                     |         |
| Sum   | 15           |                    |               |                  |            | 24.05          | 19                 | 26                  | PASS    |
| Band4 | 15           | 20                 | 20300         | 18@72            | QPSK       | 9.58           |                    |                     |         |
| n7    | 15           | 20                 | 512000        | 50@25            | DFT_BPSK   | 23.68          |                    |                     |         |
| Sum   | 15           |                    |               |                  |            | 23.84          | 19                 | 26                  | PASS    |
| Band4 | 15           | 20                 | 20300         | 1@72             | QPSK       | 9.67           |                    |                     |         |
| n7    | 15           | 20                 | 512000        | 1@105            | DFT_QPSK   | 23.99          |                    |                     |         |
| Sum   | 15           |                    |               |                  |            | 24.14          | 19                 | 26                  | PASS    |

|       |    |    |        |       |          |       |    |    |      |
|-------|----|----|--------|-------|----------|-------|----|----|------|
| Band4 | 15 | 20 | 20300  | 18@72 | QPSK     | 9.60  |    |    |      |
| n7    | 15 | 20 | 512000 | 50@25 | DFT_QPSK | 23.74 |    |    |      |
| Sum   | 15 |    |        |       |          | 23.90 | 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   | -36.46     | -0.01457        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 1@1              | DFT_BPSK   | -22.95     | -0.00917        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 1@23             | DFT_BPSK   | -22.87     | -0.00914        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 12@6             | DFT_QPSK   | -21.48     | -0.00858        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 1@1              | DFT_QPSK   | -23.22     | -0.00928        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 1@23             | DFT_QPSK   | -15.28     | -0.00611        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 12@6             | DFT_BPSK   | -14.24     | -0.00562        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 1@1              | DFT_BPSK   | -12.76     | -0.00503        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 1@23             | DFT_BPSK   | -8.39      | -0.00331        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 12@6             | DFT_QPSK   | -9.99      | -0.00394        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 1@1              | DFT_QPSK   | -8.74      | -0.00345        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 1@23             | DFT_QPSK   | -9.43      | -0.00372        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 12@6             | DFT_BPSK   | -14.35     | -0.00559        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 1@1              | DFT_BPSK   | -16.33     | -0.00636        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 1@23             | DFT_BPSK   | -9.39      | -0.00366        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 12@6             | DFT_QPSK   | -8.80      | -0.00343        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 1@1              | DFT_QPSK   | -6.95      | -0.00271        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 1@23             | DFT_QPSK   | -7.43      | -0.00289        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 36@18            | DFT_BPSK   | -13.39     | -0.00534        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 1@1              | DFT_BPSK   | -10.41     | -0.00415        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 1@77             | DFT_BPSK   | -4.53      | -0.00181        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 36@18            | DFT_QPSK   | -0.82      | -0.00033        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 1@1              | DFT_QPSK   | -3.54      | -0.00141        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 1@77             | DFT_QPSK   | -8.57      | -0.00342        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 36@18            | DFT_BPSK   | -11.14     | -0.00439        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 1@1              | DFT_BPSK   | -9.19      | -0.00363        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 1@77             | DFT_BPSK   | -9.49      | -0.00374        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 36@18            | DFT_QPSK   | -6.12      | -0.00241        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 1@1              | DFT_QPSK   | -2.53      | -0.00100        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 1@77             | DFT_QPSK   | -7.63      | -0.00301        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 36@18            | DFT_BPSK   | -18.05     | -0.00704        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 1@1              | DFT_BPSK   | -19.15     | -0.00747        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 1@77             | DFT_BPSK   | -15.03     | -0.00587        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 36@18            | DFT_QPSK   | -13.03     | -0.00508        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 1@1              | DFT_QPSK   | -13.44     | -0.00524        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 1@77             | DFT_QPSK   | -11.02     | -0.00430        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 20                 | 502000        | 50@25            | DFT_BPSK   | -7.58      | -0.00302        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 20                 | 502000        | 1@1              | DFT_BPSK   | -2.88      | -0.00115        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 20                 | 502000        | 1@104            | DFT_BPSK   | -1.22      | -0.00049        | -2.5                  | 2.5                    | PASS    |

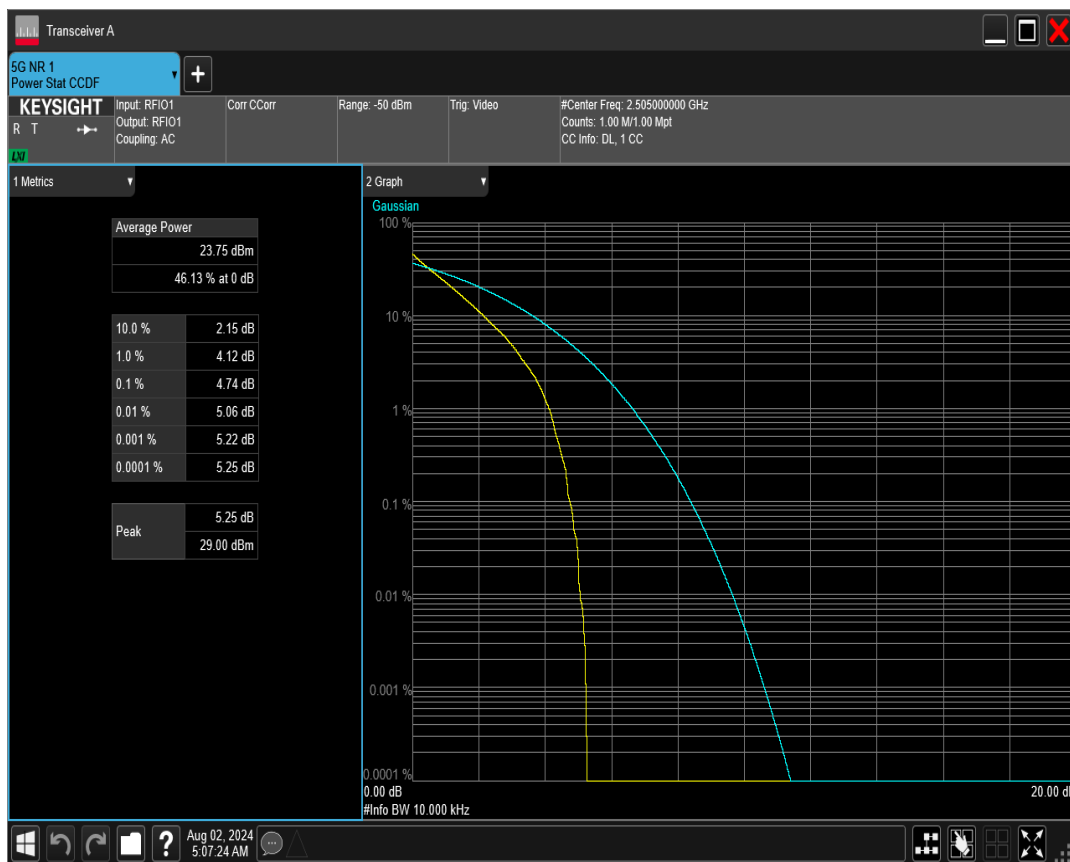
|    |    |    |        |       |          |        |          |      |     |      |
|----|----|----|--------|-------|----------|--------|----------|------|-----|------|
| n7 | 15 | 20 | 502000 | 50@25 | DFT_QPSK | -8.21  | -0.00327 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 502000 | 1@1   | DFT_QPSK | -8.37  | -0.00333 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 502000 | 1@104 | DFT_QPSK | -8.30  | -0.00331 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 50@25 | DFT_BPSK | -12.04 | -0.00475 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 1@1   | DFT_BPSK | -7.91  | -0.00312 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 1@104 | DFT_BPSK | -5.63  | -0.00222 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 50@25 | DFT_QPSK | -5.82  | -0.00230 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 1@1   | DFT_QPSK | -7.15  | -0.00282 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 1@104 | DFT_QPSK | -2.91  | -0.00115 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 50@25 | DFT_BPSK | -13.57 | -0.00530 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 1@1   | DFT_BPSK | -8.38  | -0.00327 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 1@104 | DFT_BPSK | -7.04  | -0.00275 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 50@25 | DFT_QPSK | -13.19 | -0.00515 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 1@1   | DFT_QPSK | -8.44  | -0.00330 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 1@104 | DFT_QPSK | -7.65  | -0.00299 | -2.5 | 2.5 | PASS |

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

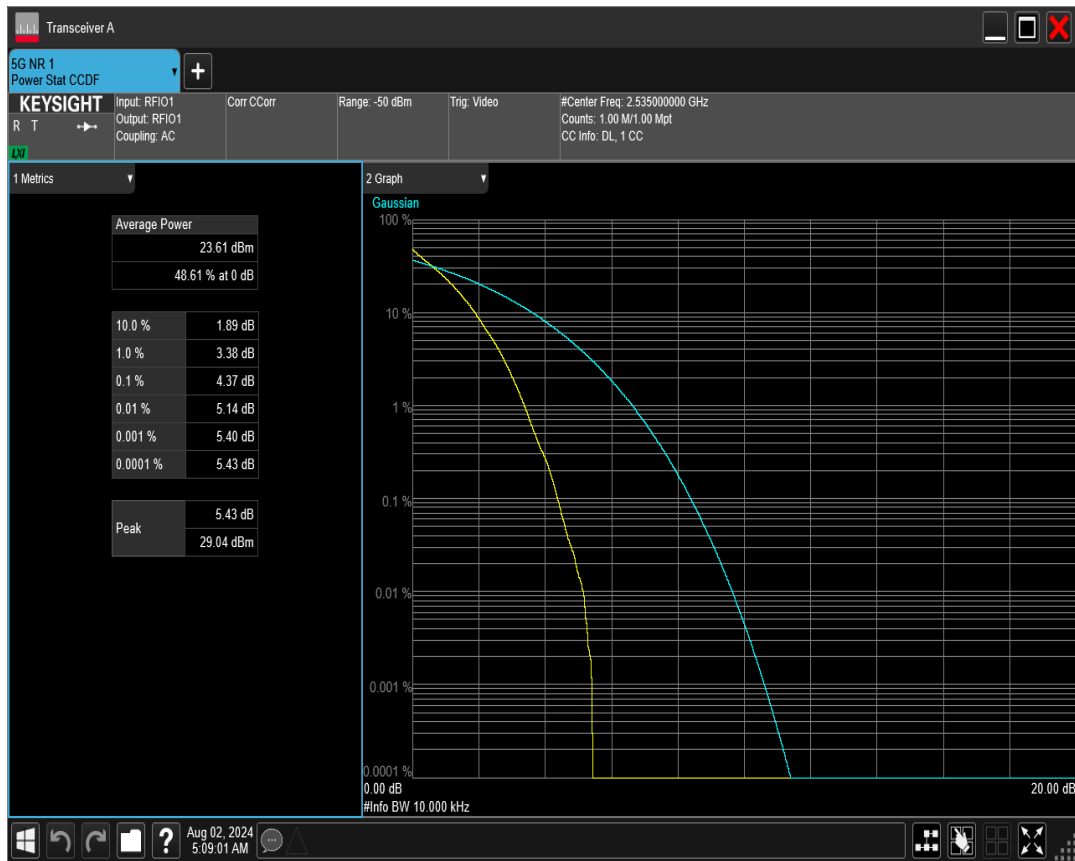
| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Result (dB) | high Limit (dB) | Verdict |
|------|-----------|-----------------|------------|---------------|------------|-------------|-----------------|---------|
| n7   | 15        | 5               | 500500     | 25@0          | DFT_BPSK   | 4.34        | 13              | PASS    |
| n7   | 15        | 5               | 500500     | 25@0          | DFT_QPSK   | 5.36        | 13              | PASS    |
| n7   | 15        | 5               | 500500     | 25@0          | DFT_QAM16  | 5.94        | 13              | PASS    |
| n7   | 15        | 5               | 500500     | 25@0          | DFT_QAM64  | 5.95        | 13              | PASS    |
| n7   | 15        | 5               | 500500     | 25@0          | DFT_QAM256 | 6.31        | 13              | PASS    |
| n7   | 15        | 5               | 507000     | 25@0          | DFT_BPSK   | 4.43        | 13              | PASS    |
| n7   | 15        | 5               | 507000     | 25@0          | DFT_QPSK   | 5.52        | 13              | PASS    |
| n7   | 15        | 5               | 507000     | 25@0          | DFT_QAM16  | 5.90        | 13              | PASS    |
| n7   | 15        | 5               | 507000     | 25@0          | DFT_QAM64  | 6.13        | 13              | PASS    |
| n7   | 15        | 5               | 507000     | 25@0          | DFT_QAM256 | 6.51        | 13              | PASS    |
| n7   | 15        | 5               | 513500     | 25@0          | DFT_BPSK   | 4.79        | 13              | PASS    |
| n7   | 15        | 5               | 513500     | 25@0          | DFT_QPSK   | 5.39        | 13              | PASS    |
| n7   | 15        | 5               | 513500     | 25@0          | DFT_QAM16  | 5.59        | 13              | PASS    |
| n7   | 15        | 5               | 513500     | 25@0          | DFT_QAM64  | 5.82        | 13              | PASS    |
| n7   | 15        | 5               | 513500     | 25@0          | DFT_QAM256 | 6.26        | 13              | PASS    |
| n7   | 15        | 10              | 501000     | 50@0          | DFT_BPSK   | 4.74        | 13              | PASS    |
| n7   | 15        | 10              | 501000     | 50@0          | DFT_QPSK   | 5.42        | 13              | PASS    |
| n7   | 15        | 10              | 501000     | 50@0          | DFT_QAM16  | 5.92        | 13              | PASS    |
| n7   | 15        | 10              | 501000     | 50@0          | DFT_QAM64  | 6.05        | 13              | PASS    |
| n7   | 15        | 10              | 501000     | 50@0          | DFT_QAM256 | 6.28        | 13              | PASS    |
| n7   | 15        | 10              | 507000     | 50@0          | DFT_BPSK   | 4.37        | 13              | PASS    |
| n7   | 15        | 10              | 507000     | 50@0          | DFT_QPSK   | 5.41        | 13              | PASS    |
| n7   | 15        | 10              | 507000     | 50@0          | DFT_QAM16  | 5.93        | 13              | PASS    |
| n7   | 15        | 10              | 507000     | 50@0          | DFT_QAM64  | 6.05        | 13              | PASS    |
| n7   | 15        | 10              | 507000     | 50@0          | DFT_QAM256 | 6.30        | 13              | PASS    |
| n7   | 15        | 10              | 513000     | 50@0          | DFT_BPSK   | 5.33        | 13              | PASS    |
| n7   | 15        | 10              | 513000     | 50@0          | DFT_QPSK   | 5.46        | 13              | PASS    |
| n7   | 15        | 10              | 513000     | 50@0          | DFT_QAM16  | 5.92        | 13              | PASS    |
| n7   | 15        | 10              | 513000     | 50@0          | DFT_QAM64  | 6.03        | 13              | PASS    |
| n7   | 15        | 10              | 513000     | 50@0          | DFT_QAM256 | 6.24        | 13              | PASS    |
| n7   | 15        | 15              | 501500     | 75@0          | DFT_BPSK   | 4.46        | 13              | PASS    |
| n7   | 15        | 15              | 501500     | 75@0          | DFT_QPSK   | 5.48        | 13              | PASS    |
| n7   | 15        | 15              | 501500     | 75@0          | DFT_QAM16  | 5.83        | 13              | PASS    |
| n7   | 15        | 15              | 501500     | 75@0          | DFT_QAM64  | 6.05        | 13              | PASS    |
| n7   | 15        | 15              | 501500     | 75@0          | DFT_QAM256 | 6.37        | 13              | PASS    |
| n7   | 15        | 15              | 507000     | 75@0          | DFT_BPSK   | 4.46        | 13              | PASS    |
| n7   | 15        | 15              | 507000     | 75@0          | DFT_QPSK   | 5.47        | 13              | PASS    |
| n7   | 15        | 15              | 507000     | 75@0          | DFT_QAM16  | 6.07        | 13              | PASS    |
| n7   | 15        | 15              | 507000     | 75@0          | DFT_QAM64  | 6.17        | 13              | PASS    |
| n7   | 15        | 15              | 507000     | 75@0          | DFT_QAM256 | 6.47        | 13              | PASS    |

|    |    |    |        |       |            |      |    |      |
|----|----|----|--------|-------|------------|------|----|------|
| n7 | 15 | 15 | 512500 | 75@0  | DFT_BPSK   | 4.39 | 13 | PASS |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_QPSK   | 5.42 | 13 | PASS |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_QAM16  | 5.92 | 13 | PASS |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_QAM64  | 6.06 | 13 | PASS |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_QAM256 | 6.30 | 13 | PASS |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_BPSK   | 4.42 | 13 | PASS |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_QPSK   | 5.44 | 13 | PASS |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_QAM16  | 6.04 | 13 | PASS |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_QAM64  | 6.10 | 13 | PASS |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_QAM256 | 6.47 | 13 | PASS |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_BPSK   | 4.38 | 13 | PASS |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_QPSK   | 5.48 | 13 | PASS |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_QAM16  | 5.94 | 13 | PASS |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_QAM64  | 6.14 | 13 | PASS |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_QAM256 | 6.42 | 13 | PASS |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_BPSK   | 5.82 | 13 | PASS |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_QPSK   | 5.94 | 13 | PASS |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_QAM16  | 6.15 | 13 | PASS |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_QAM64  | 6.15 | 13 | PASS |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_QAM256 | 6.41 | 13 | PASS |

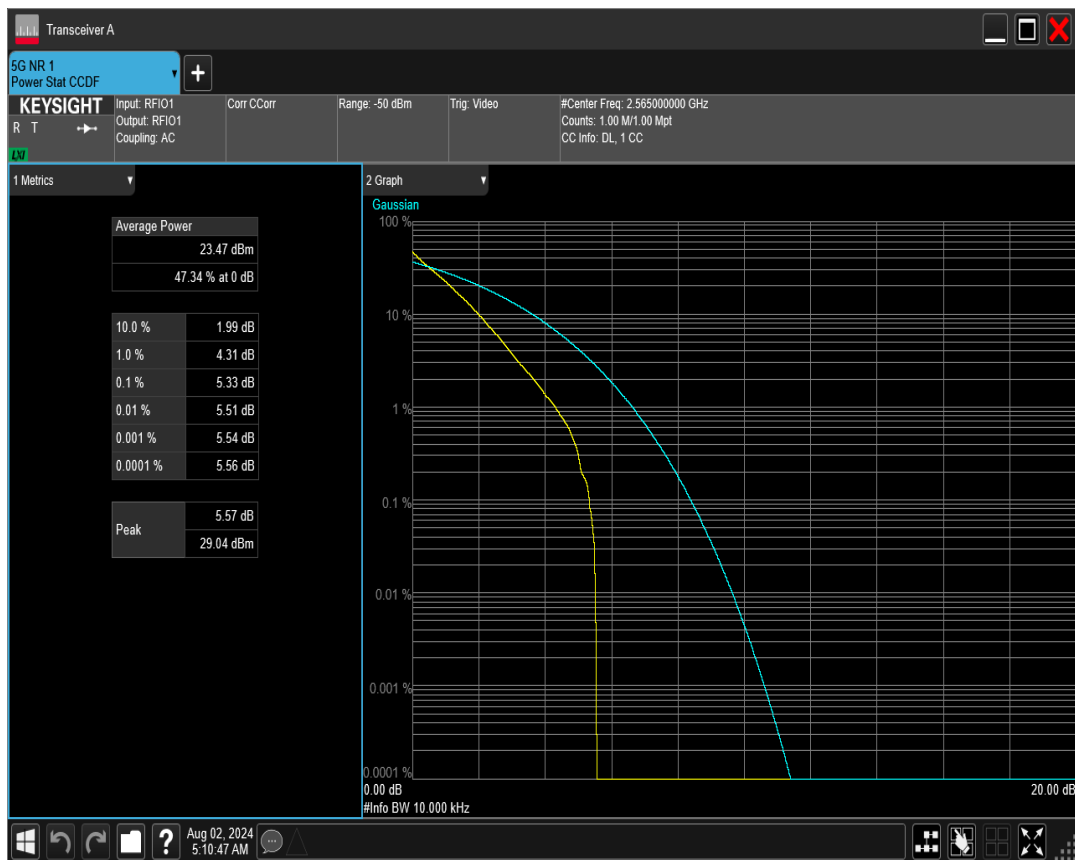
**n7 SCS=15kHz DFT\_BPSK BW=10MHz Channel=501000 RB=50@0**



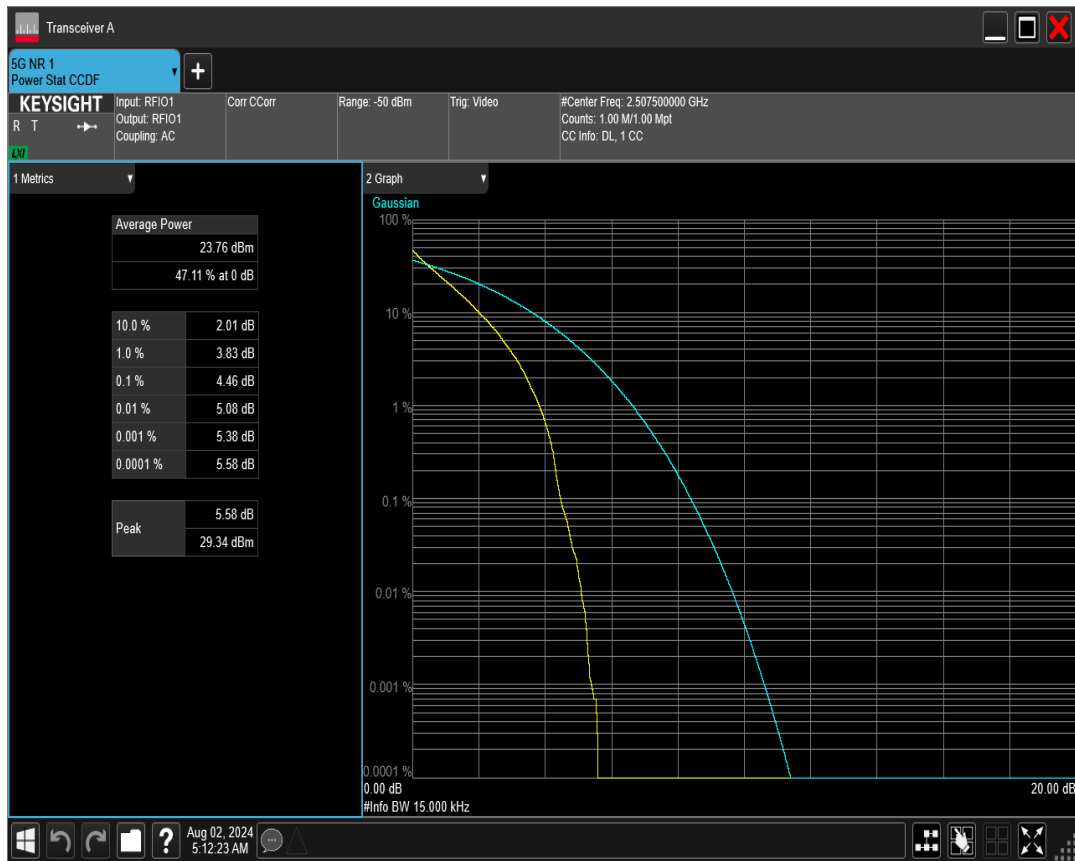
**n7 SCS=15kHz DFT\_BPSK BW=10MHz Channel=507000 RB=50@0**



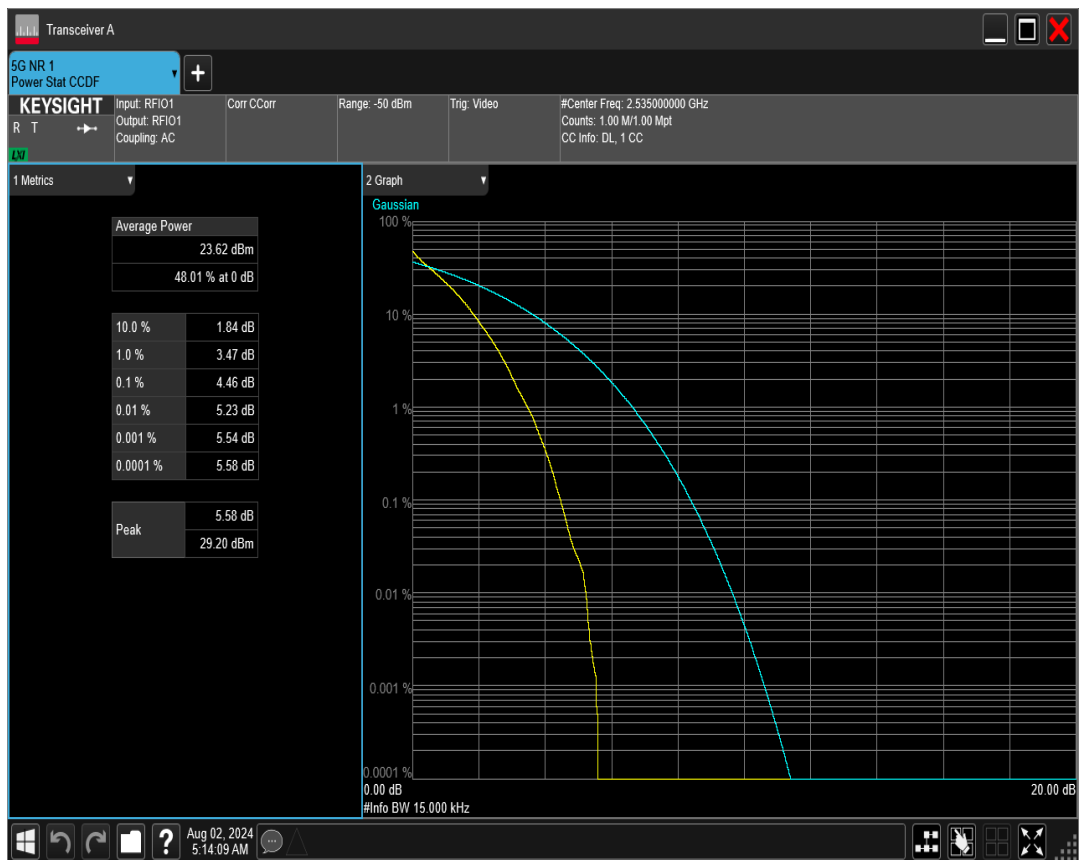
*n7 SCS=15kHz DFT\_BPSK BW=10MHz Channel=513000 RB=50@0*



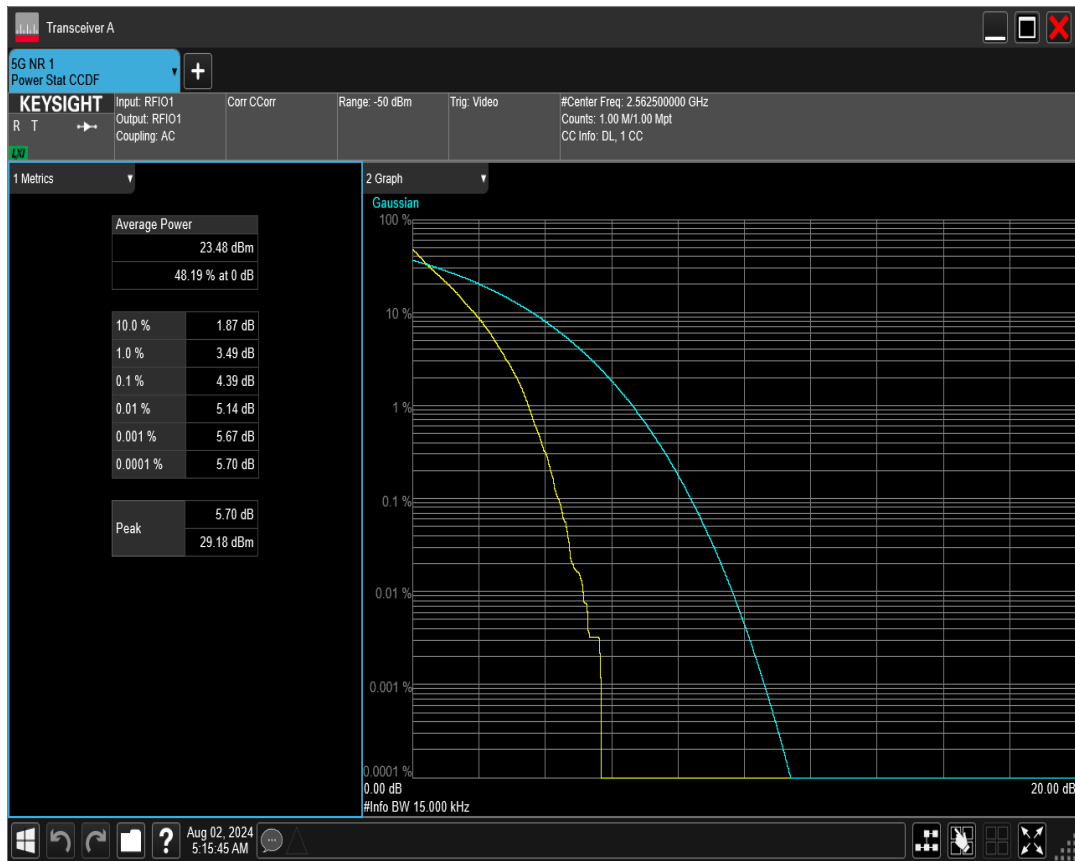
*n7 SCS=15kHz DFT\_BPSK BW=15MHz Channel=501500 RB=75@0*



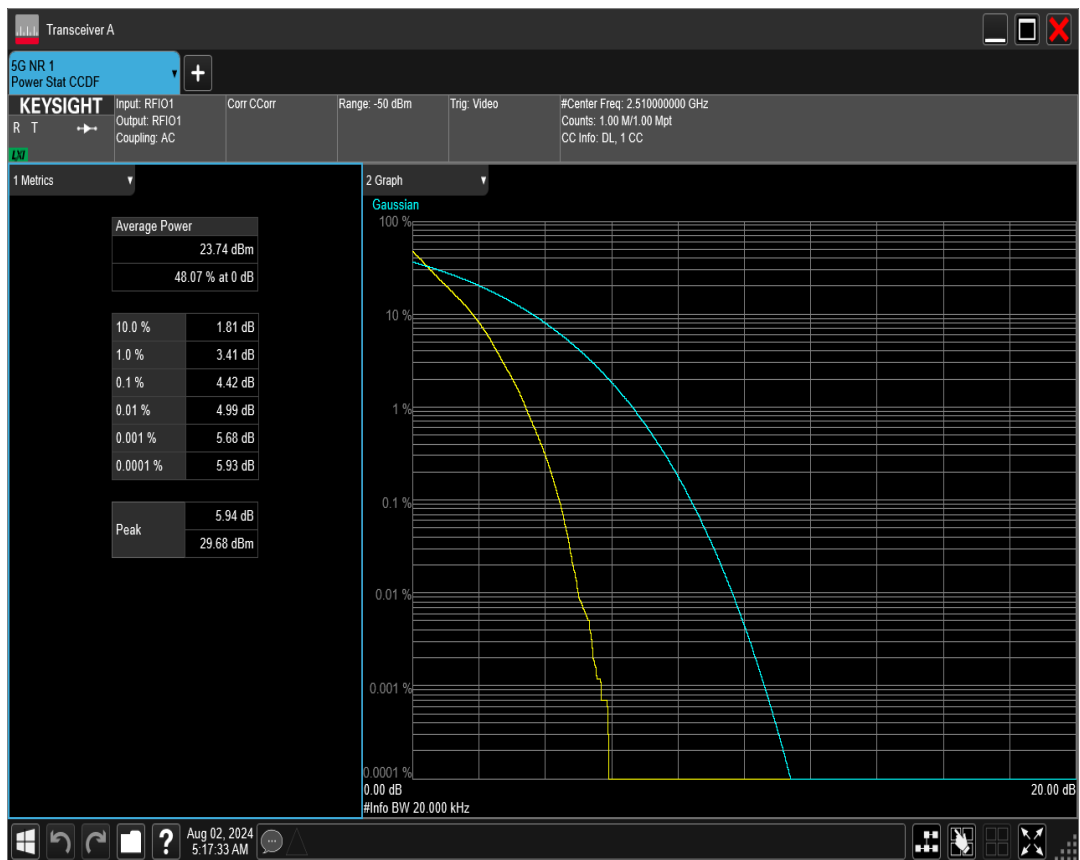
*n7 SCS=15kHz DFT\_BPSK BW=15MHz Channel=507000 RB=75@0*



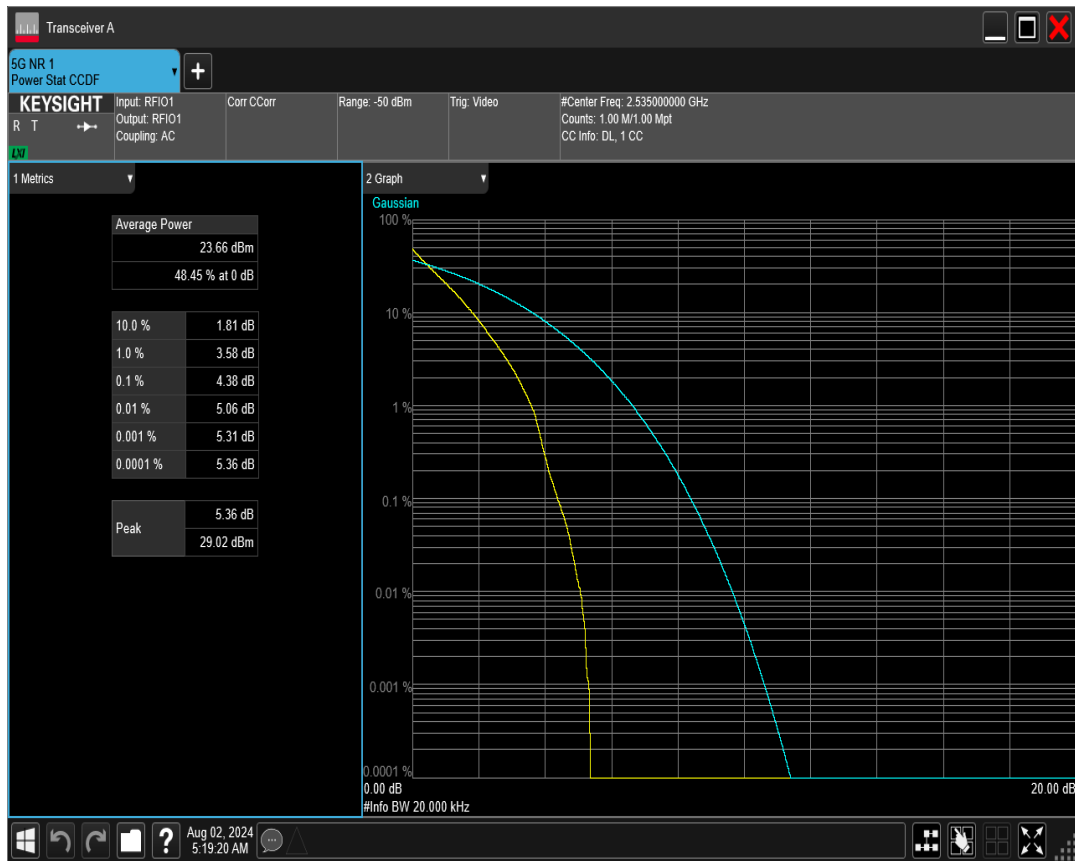
*n7 SCS=15kHz DFT\_BPSK BW=15MHz Channel=512500 RB=75@0*



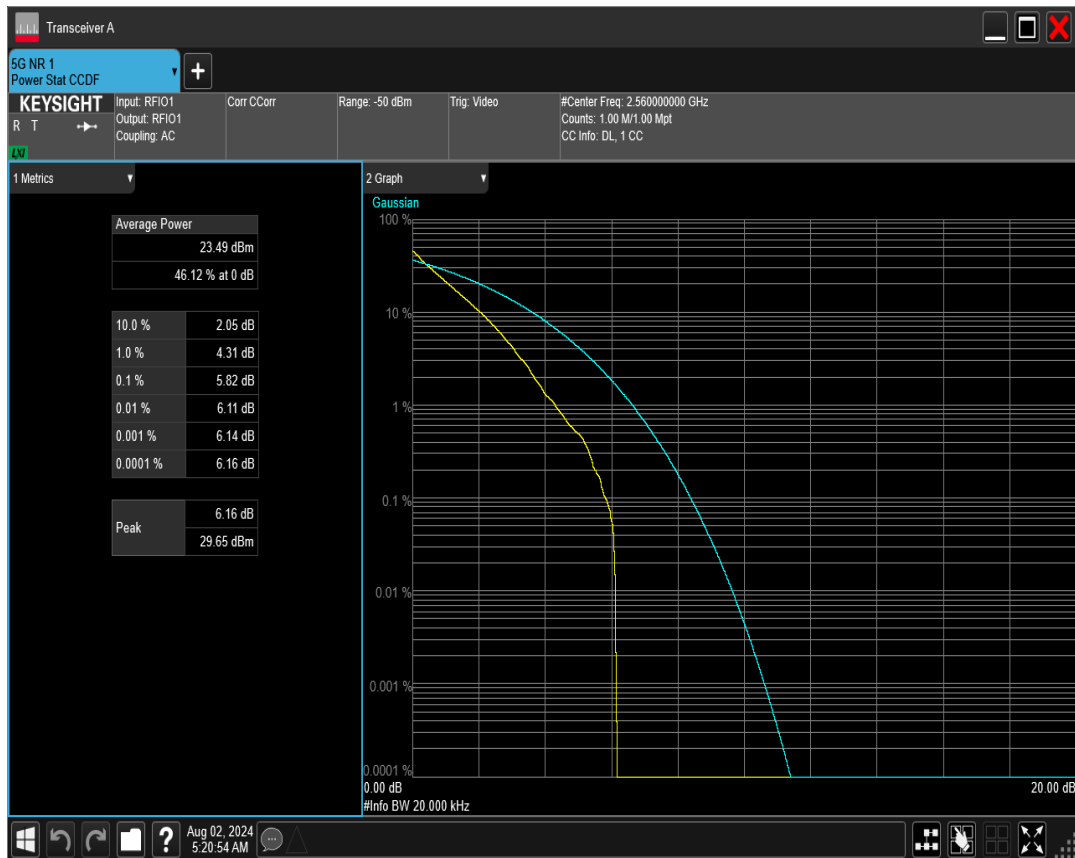
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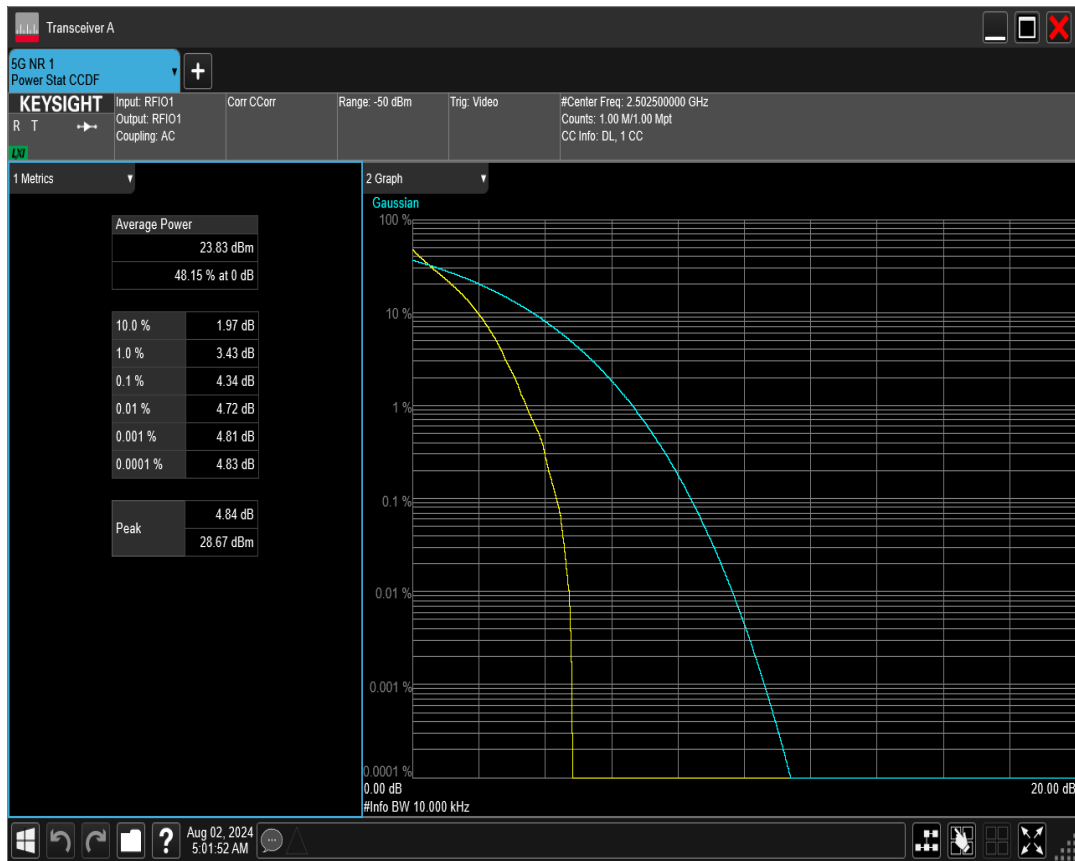
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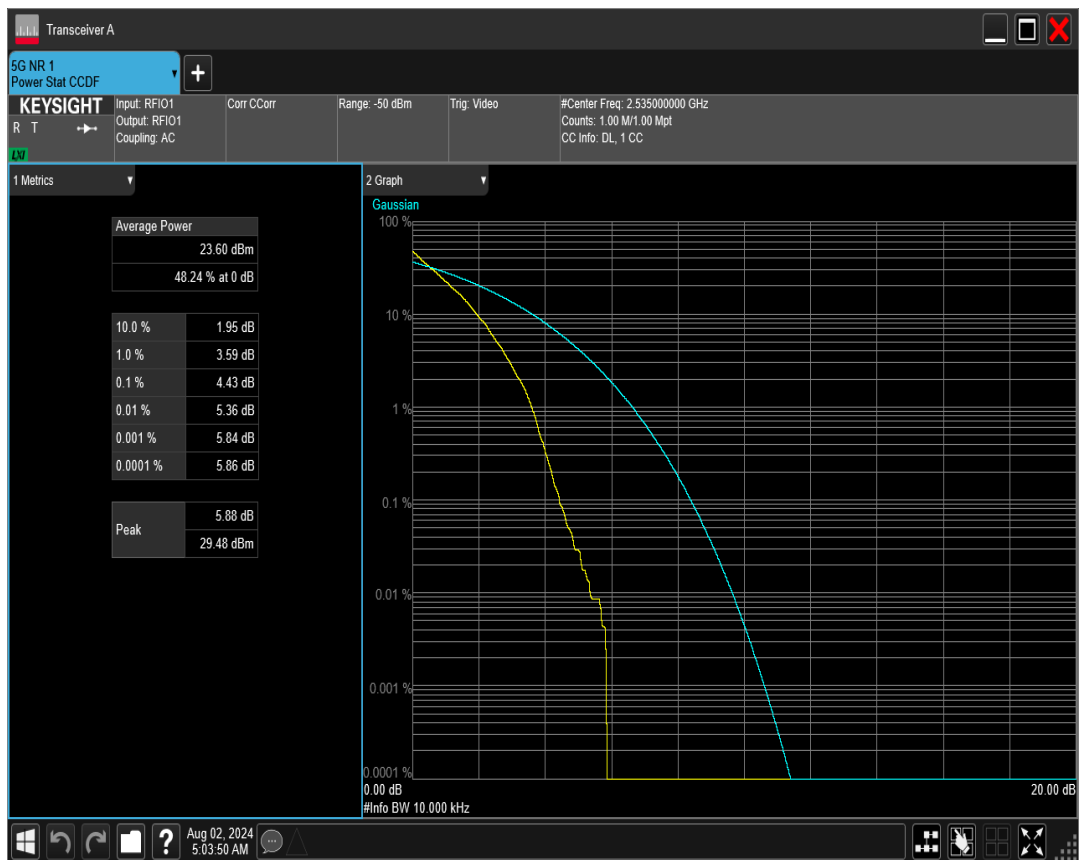
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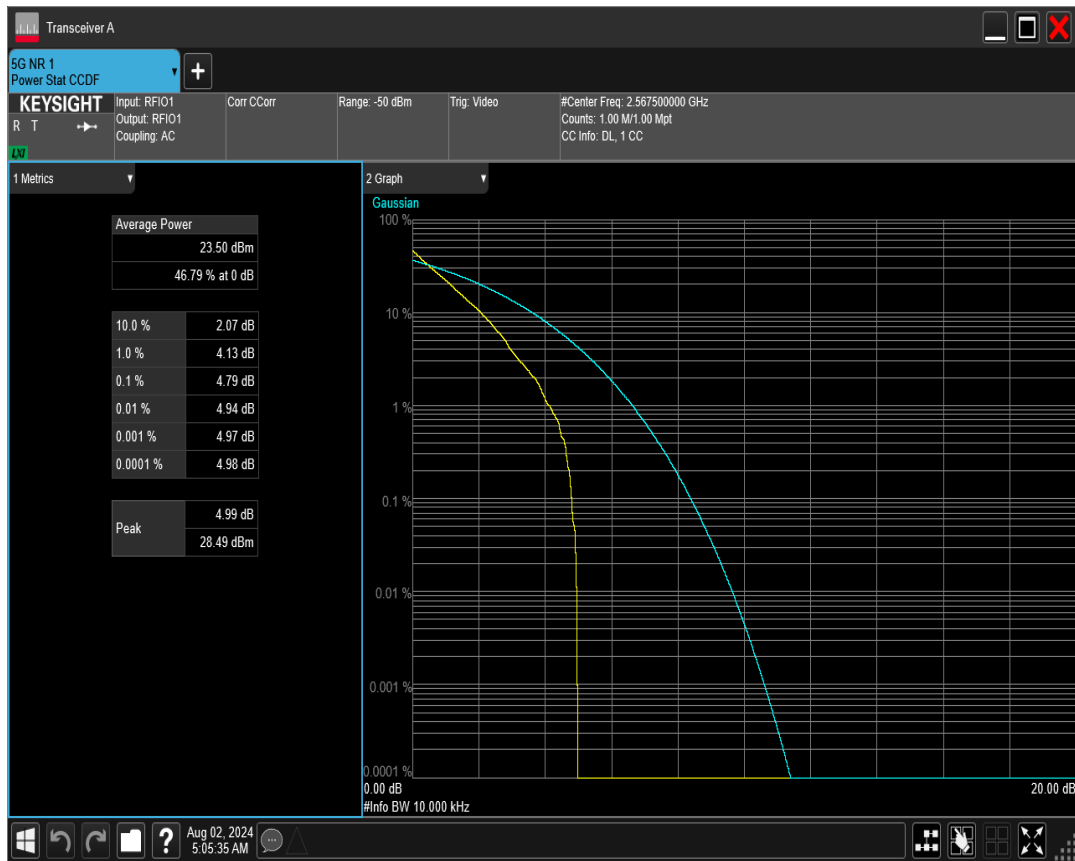
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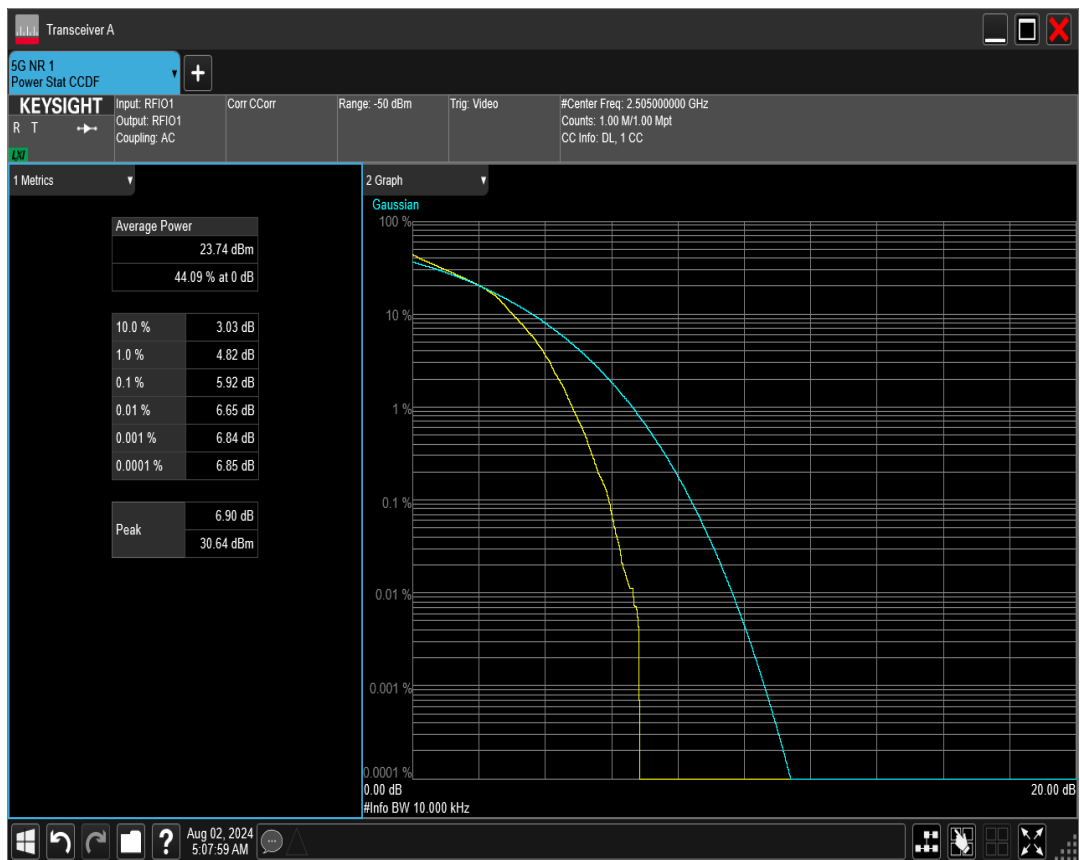
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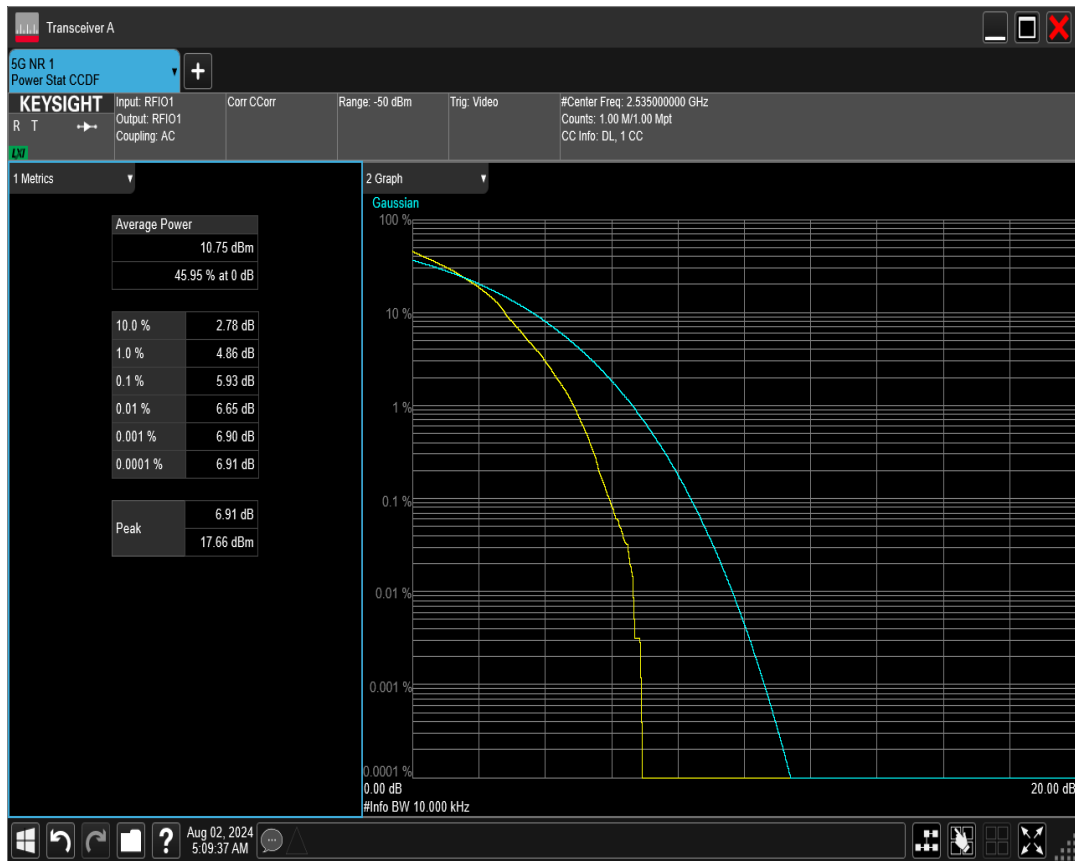
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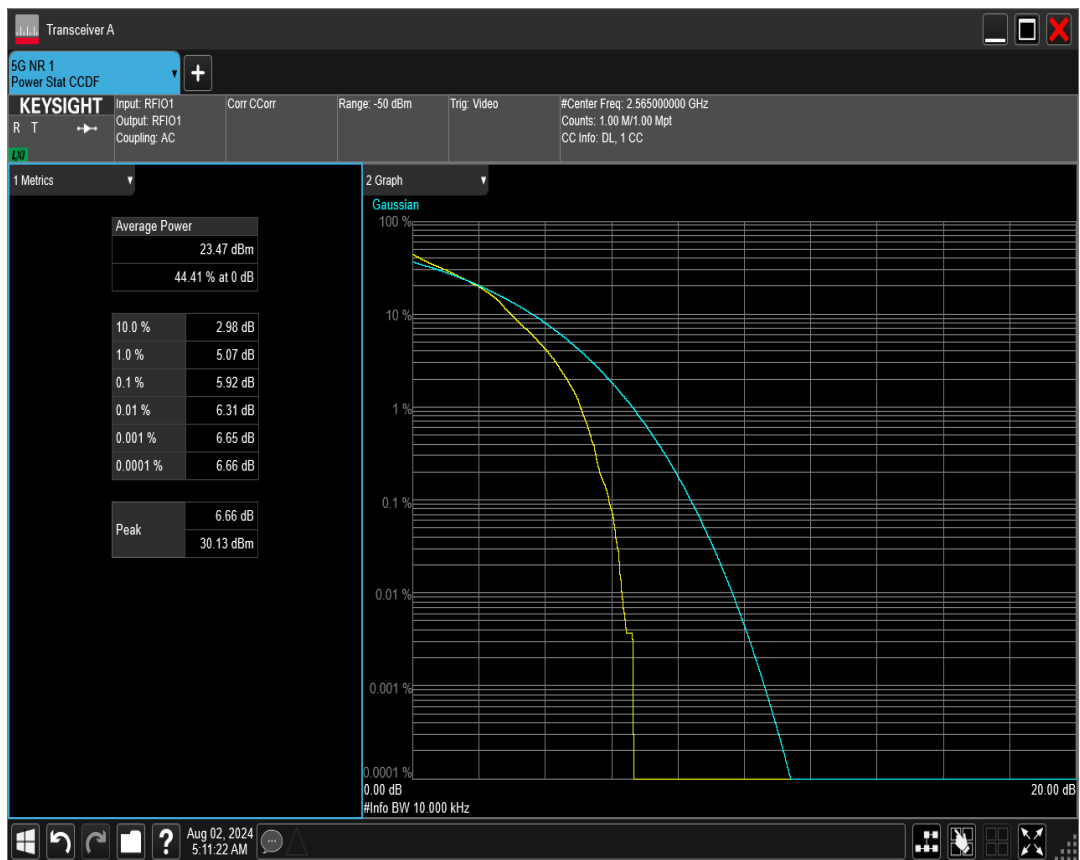
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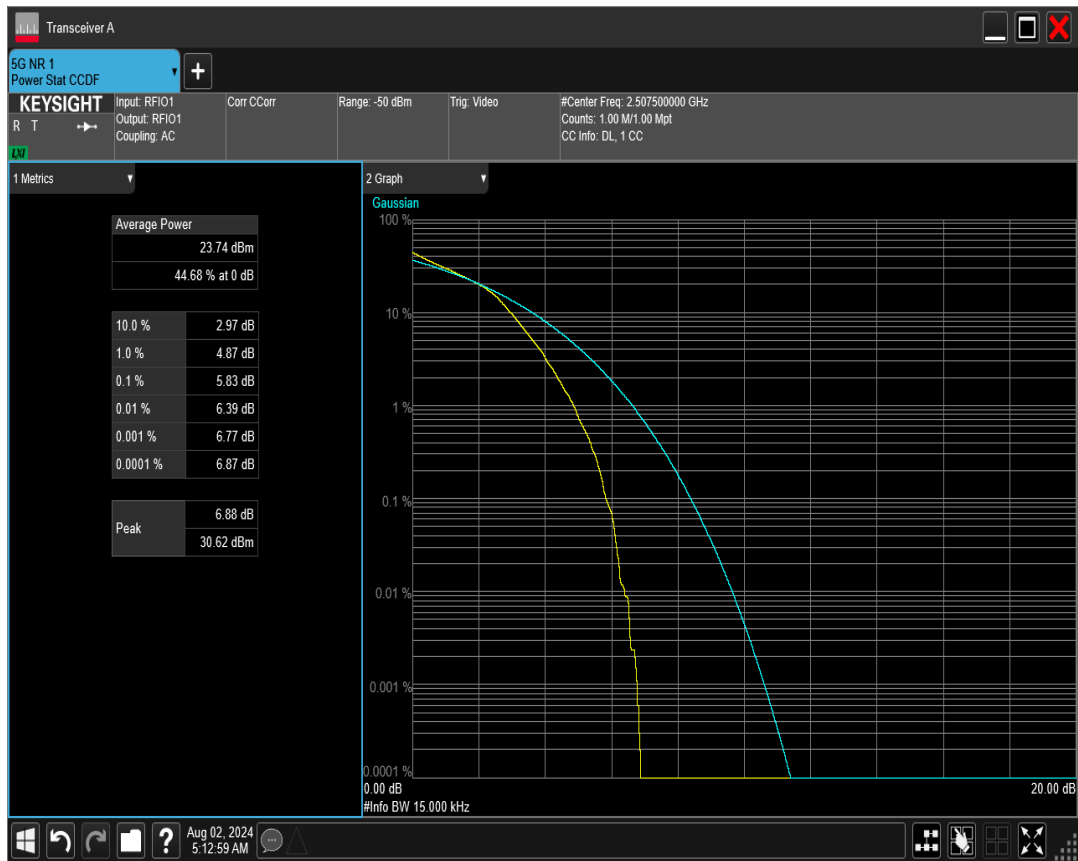
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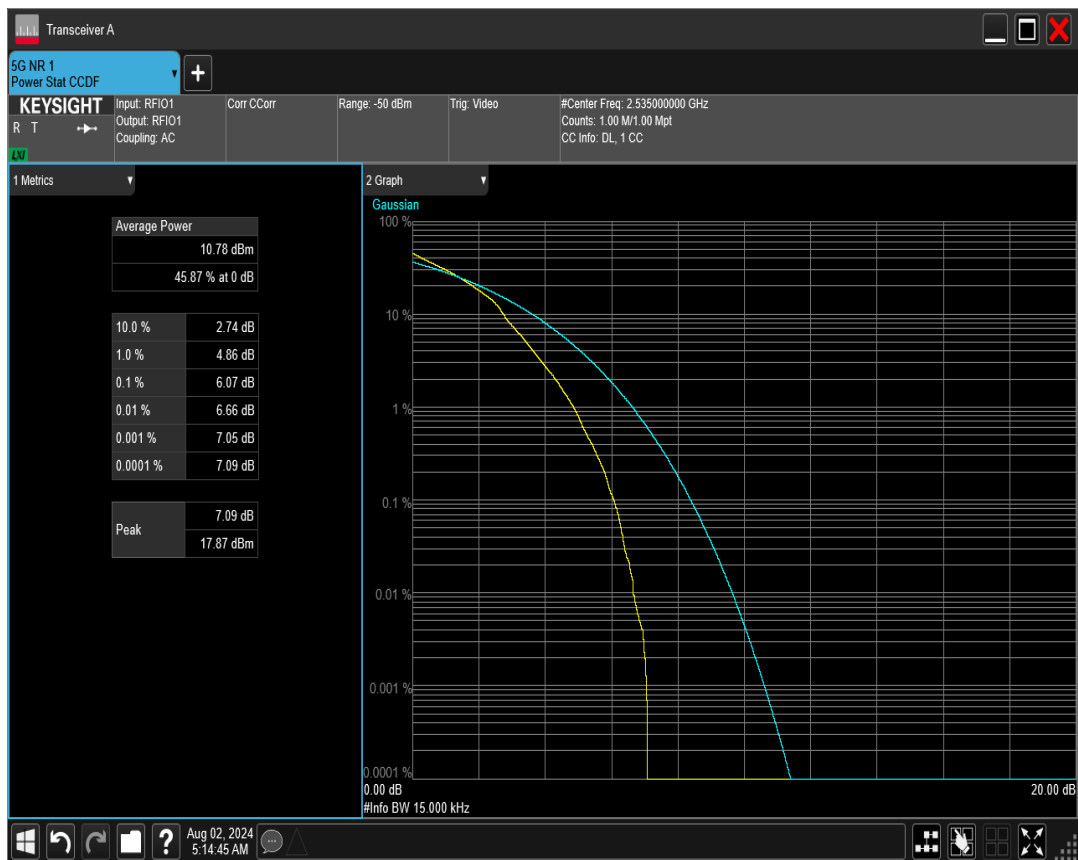
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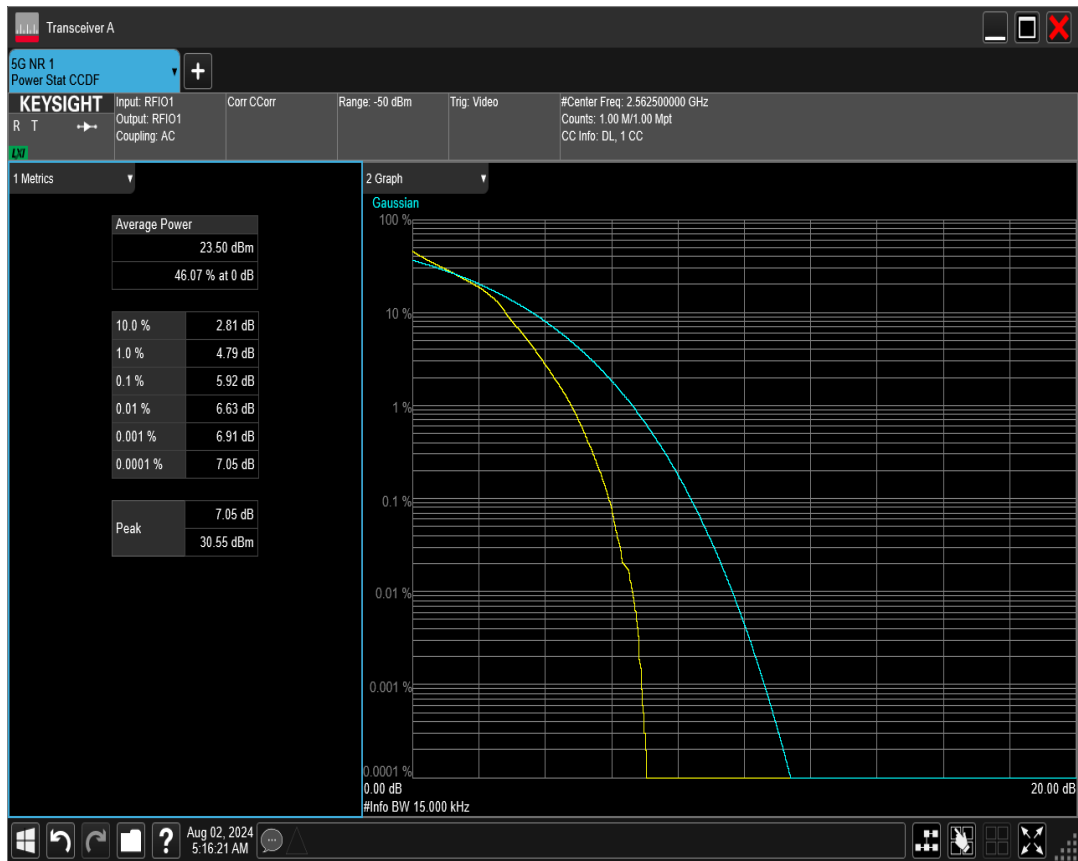
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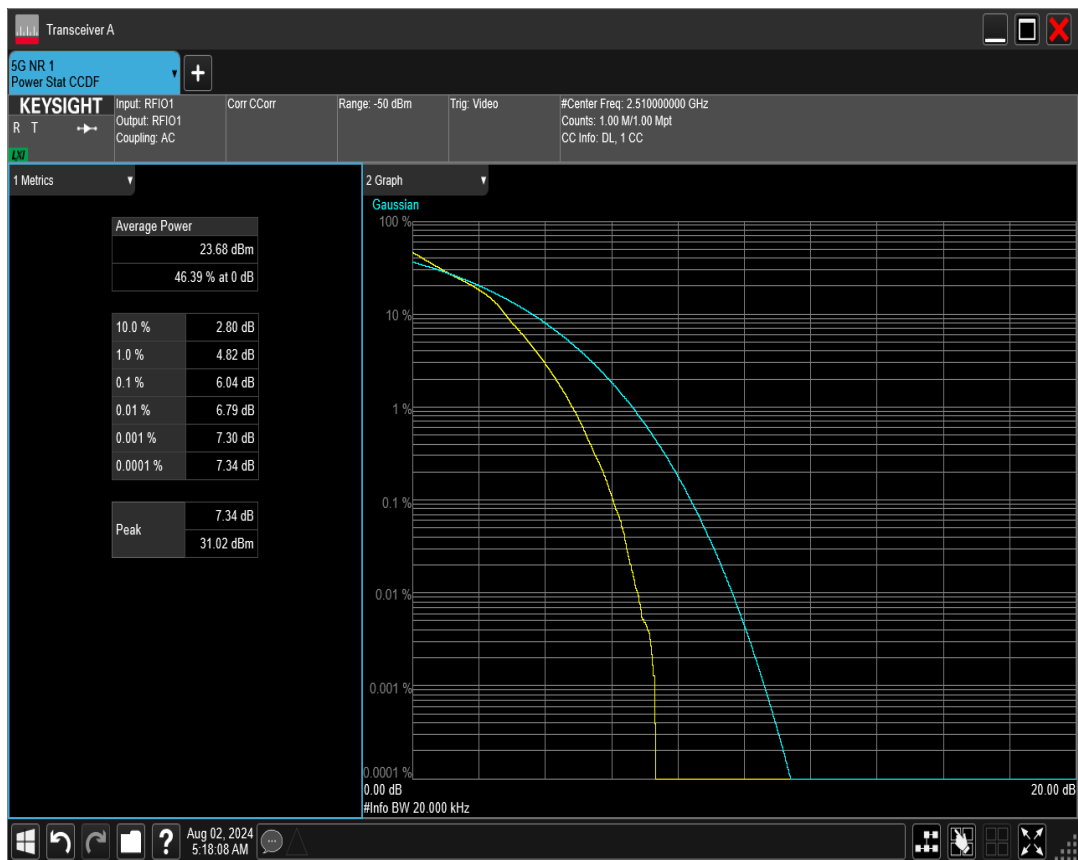
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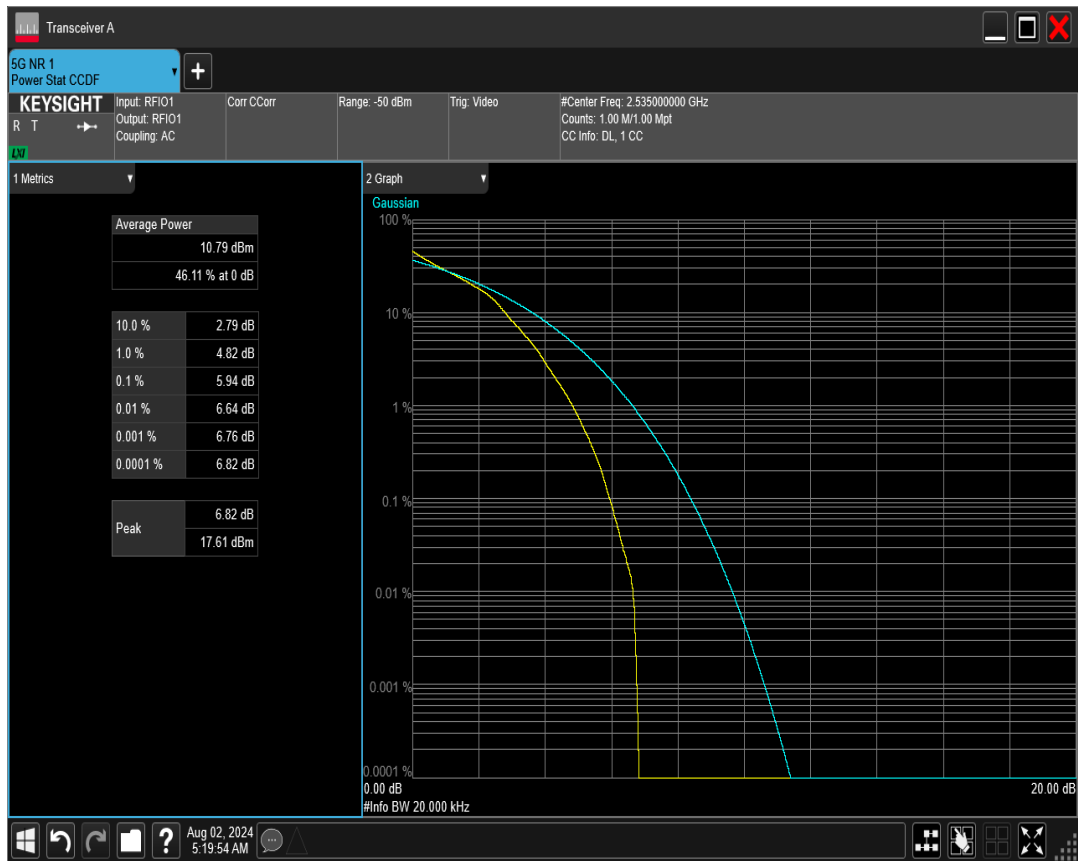
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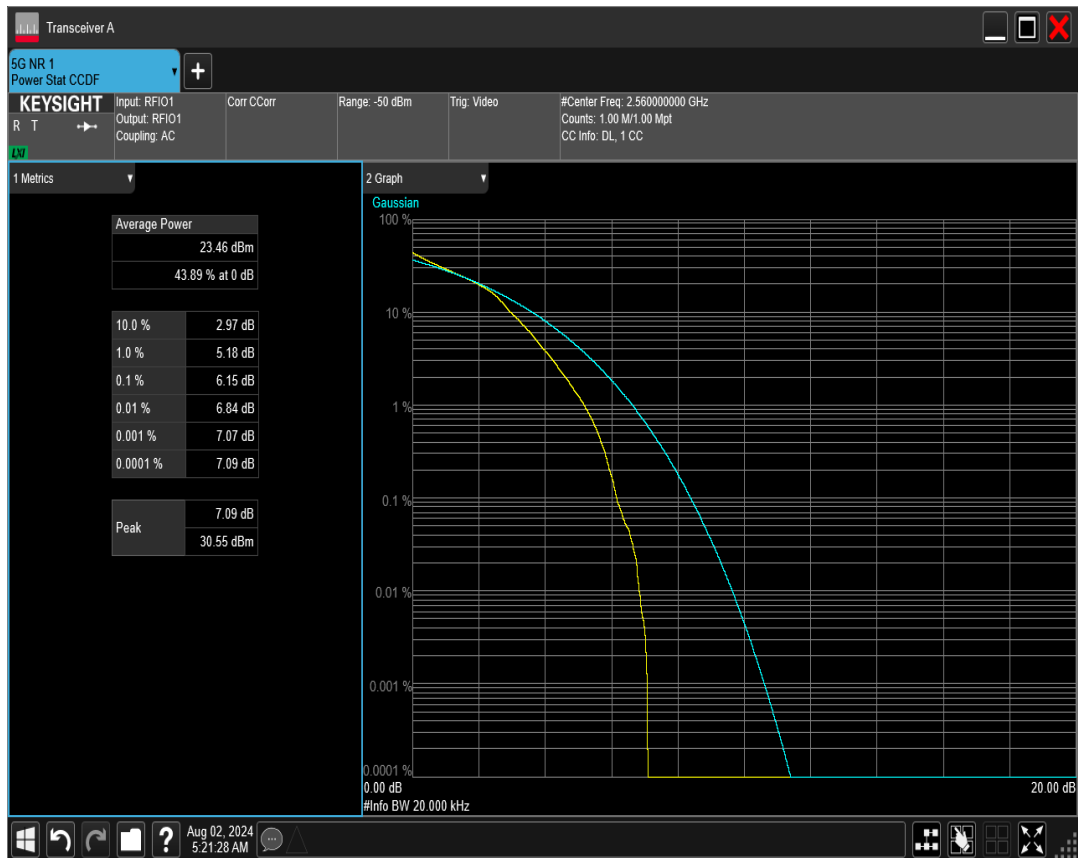
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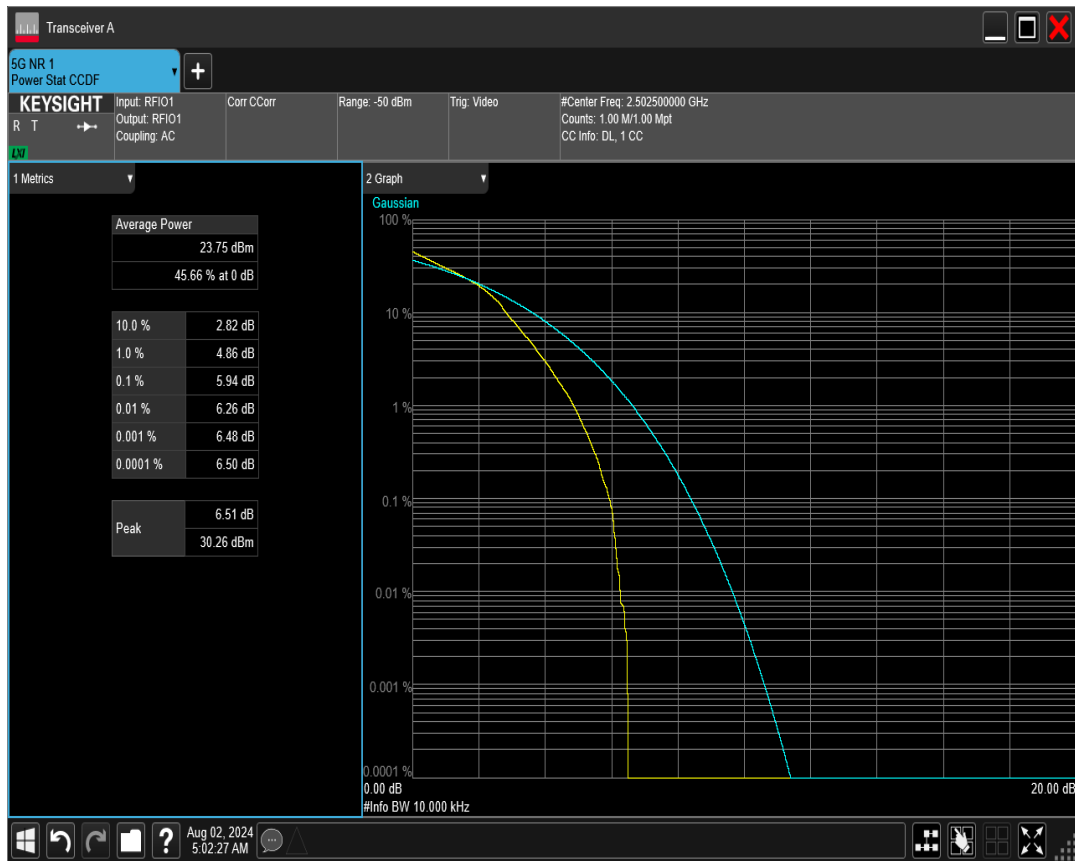
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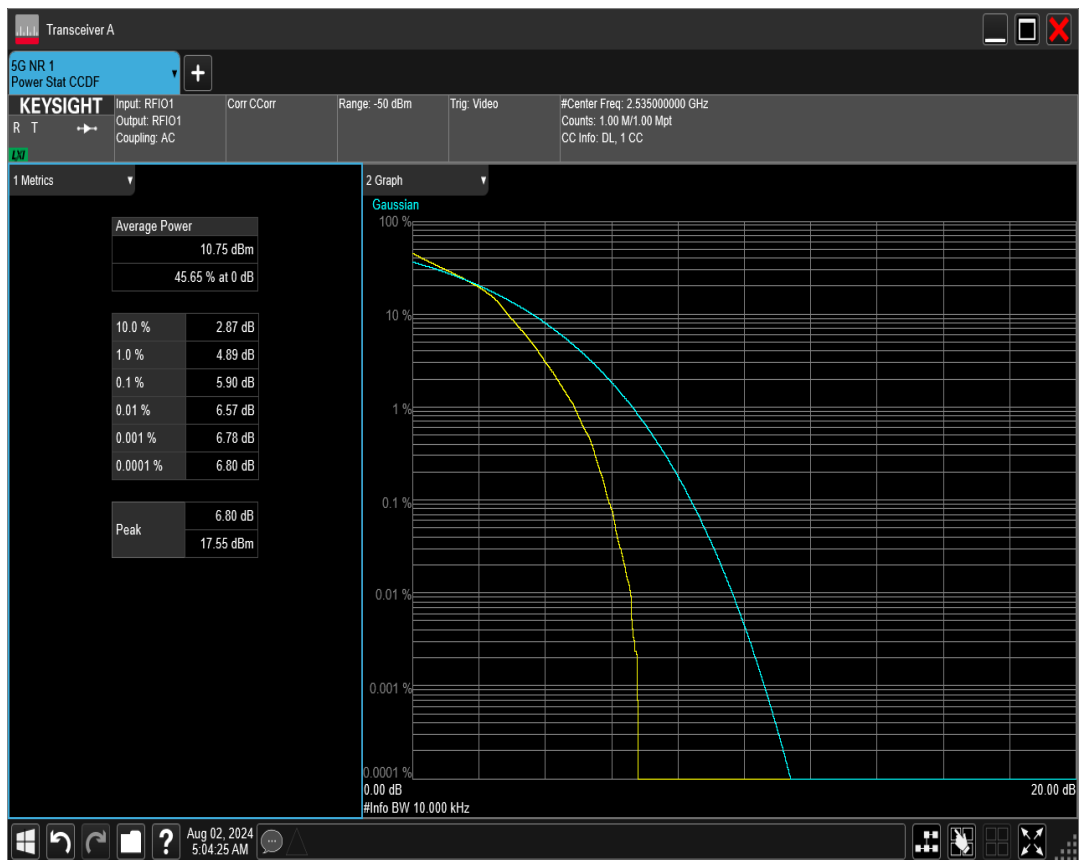
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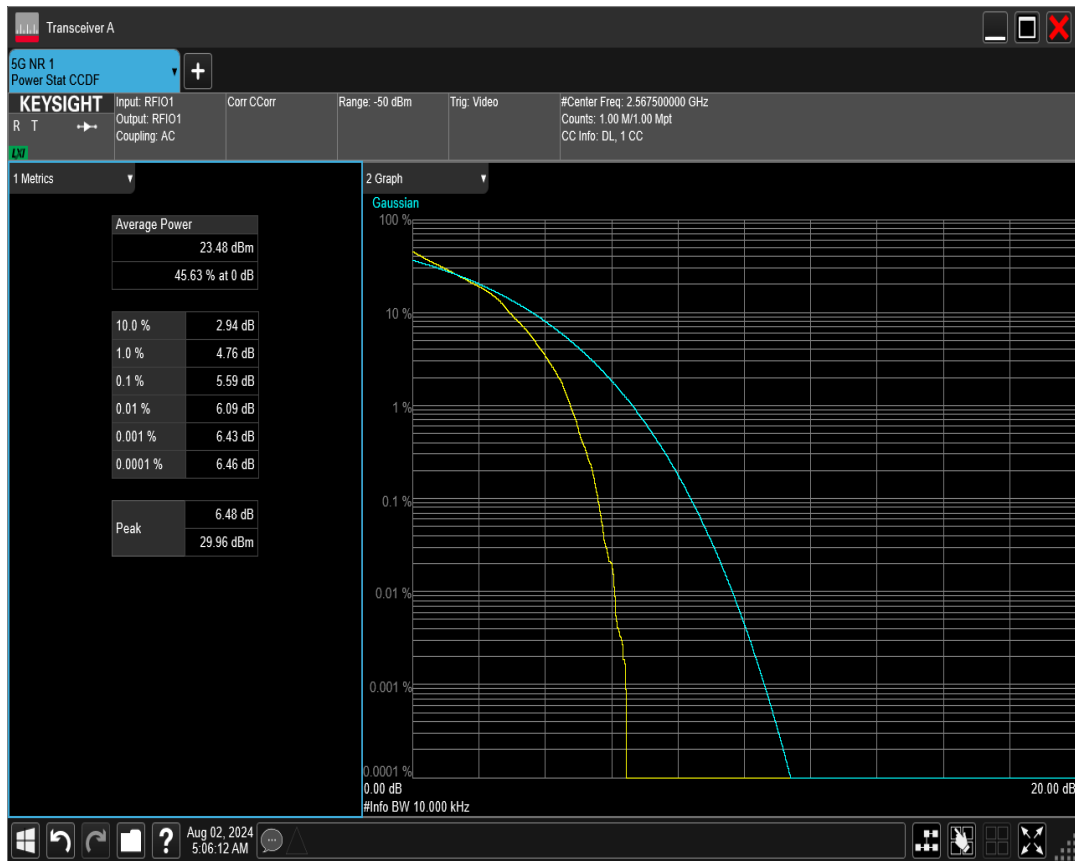
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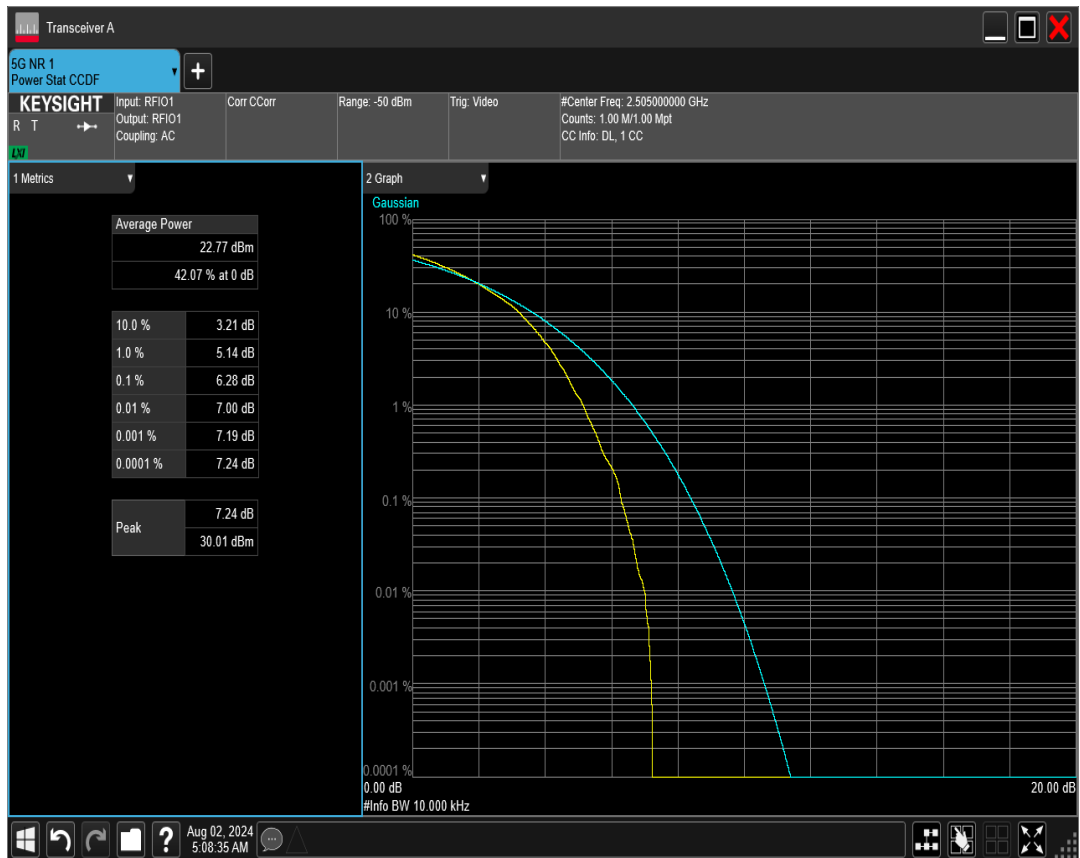
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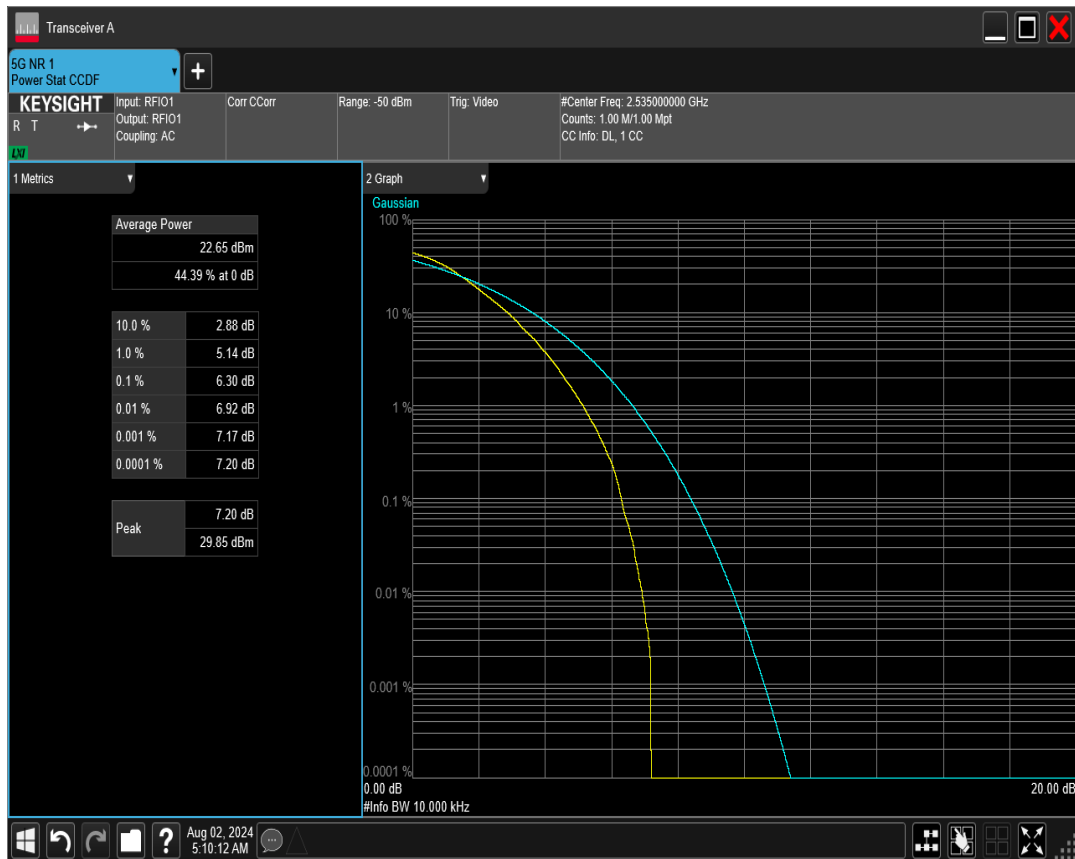
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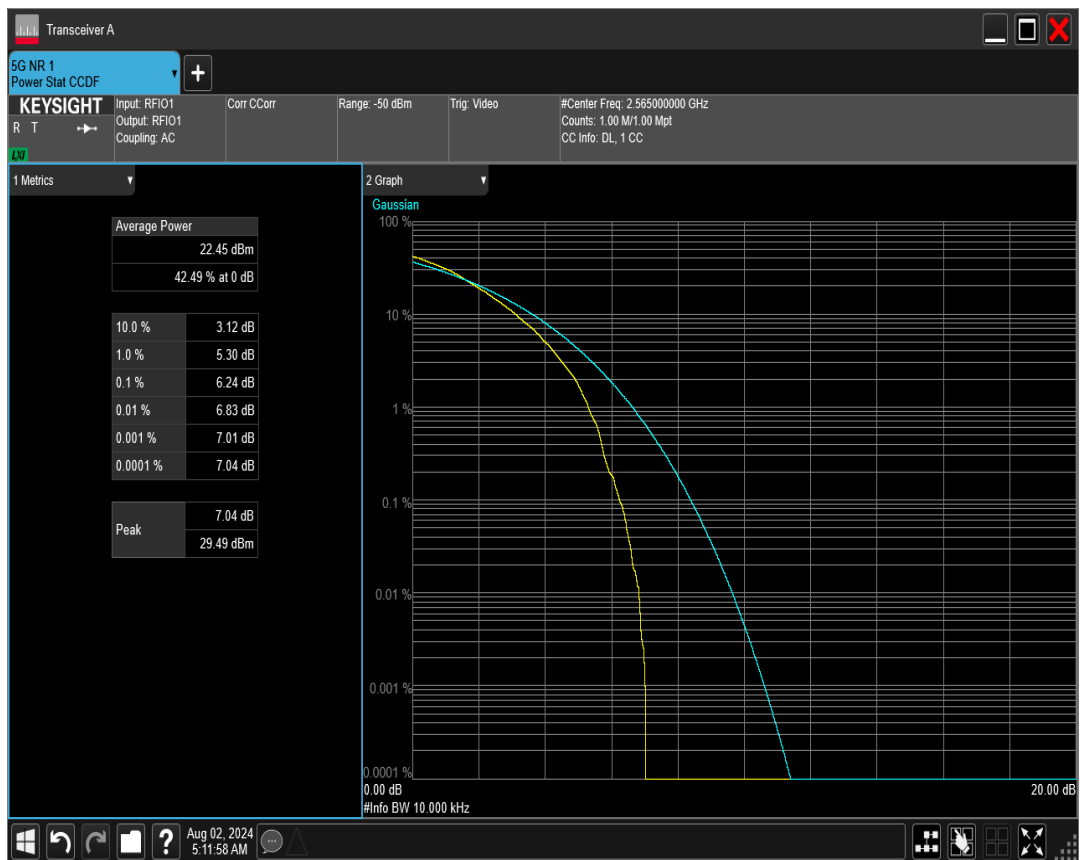
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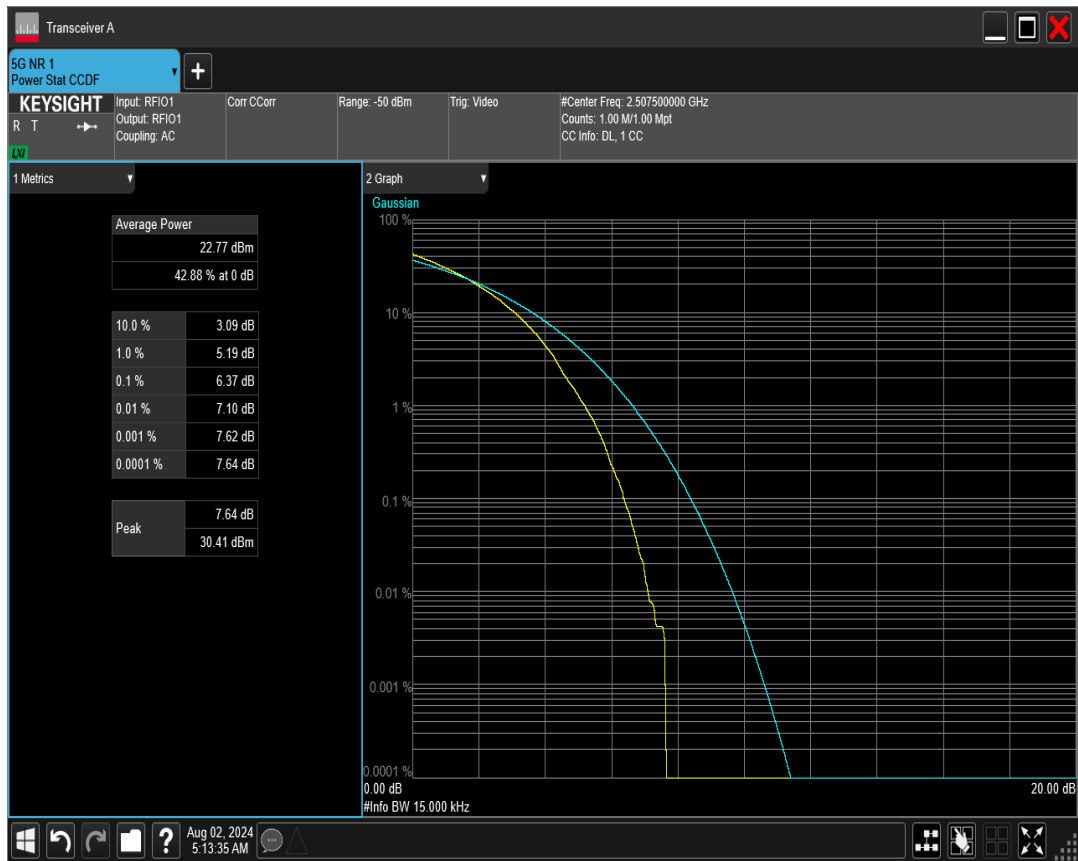
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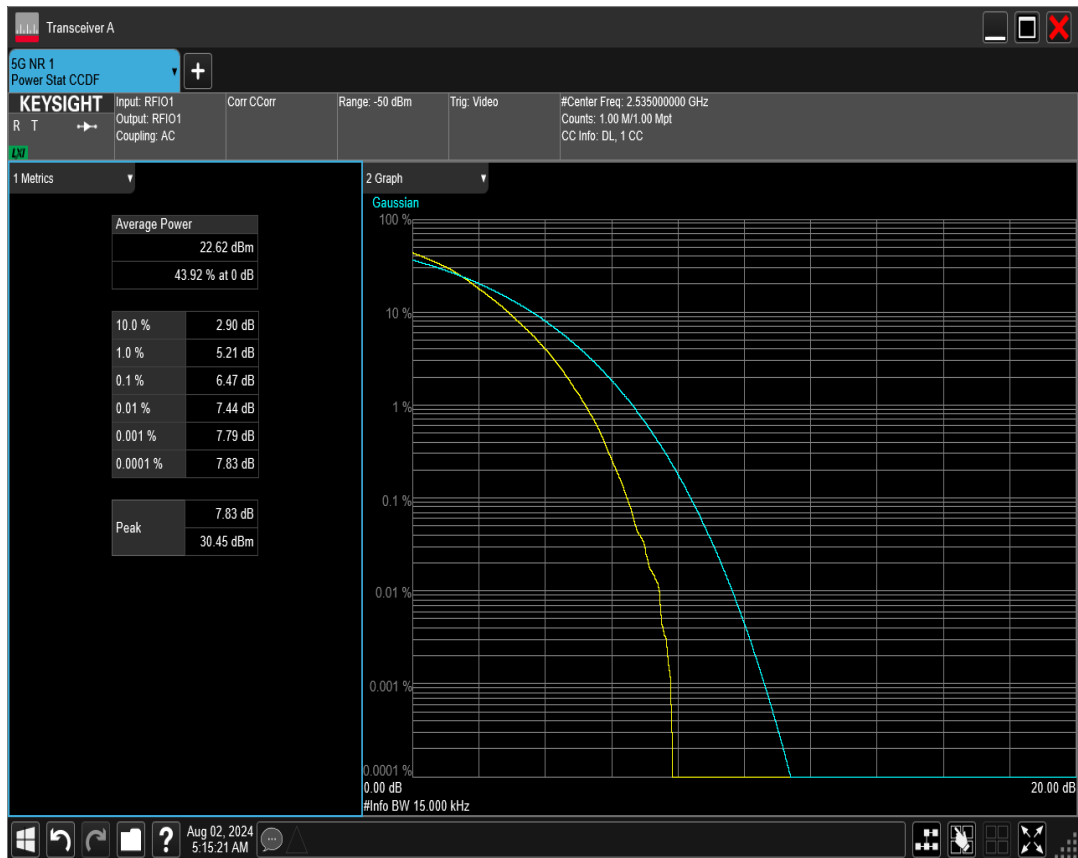
***n7 SCS=15kHz DFT\_QAM256 BW=10MHz Channel=513000 RB=50@0***



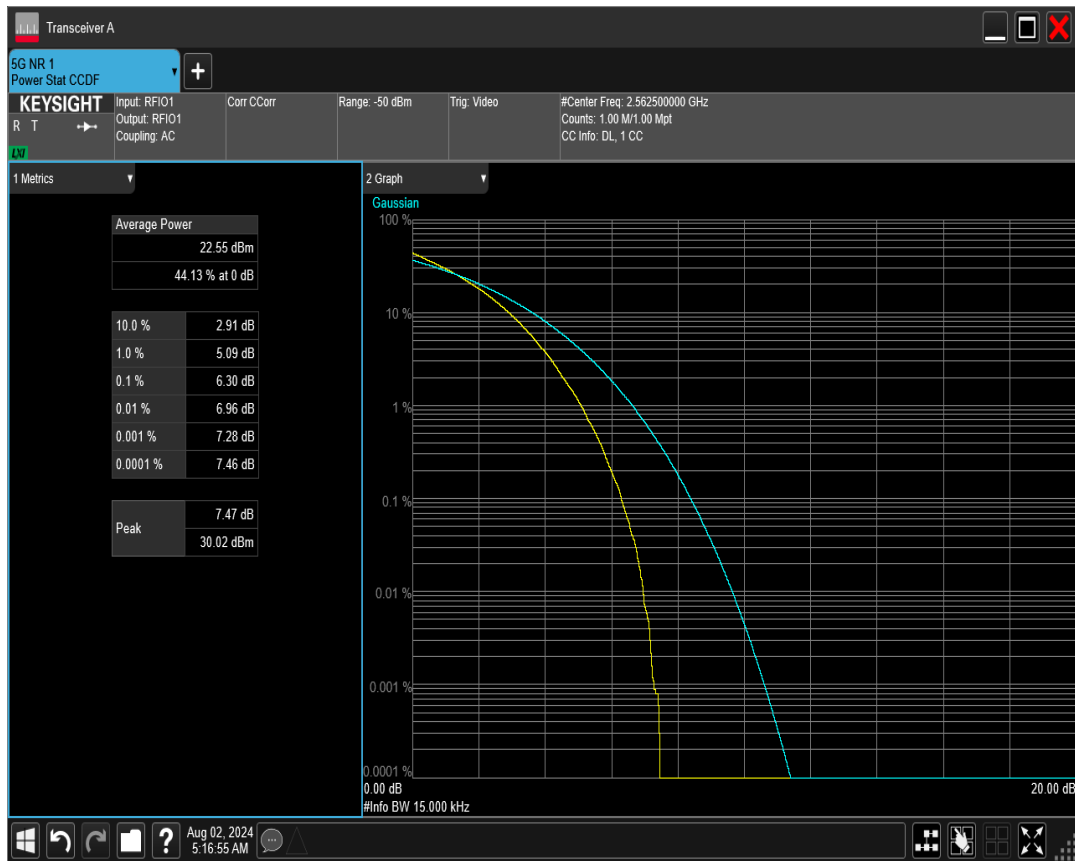
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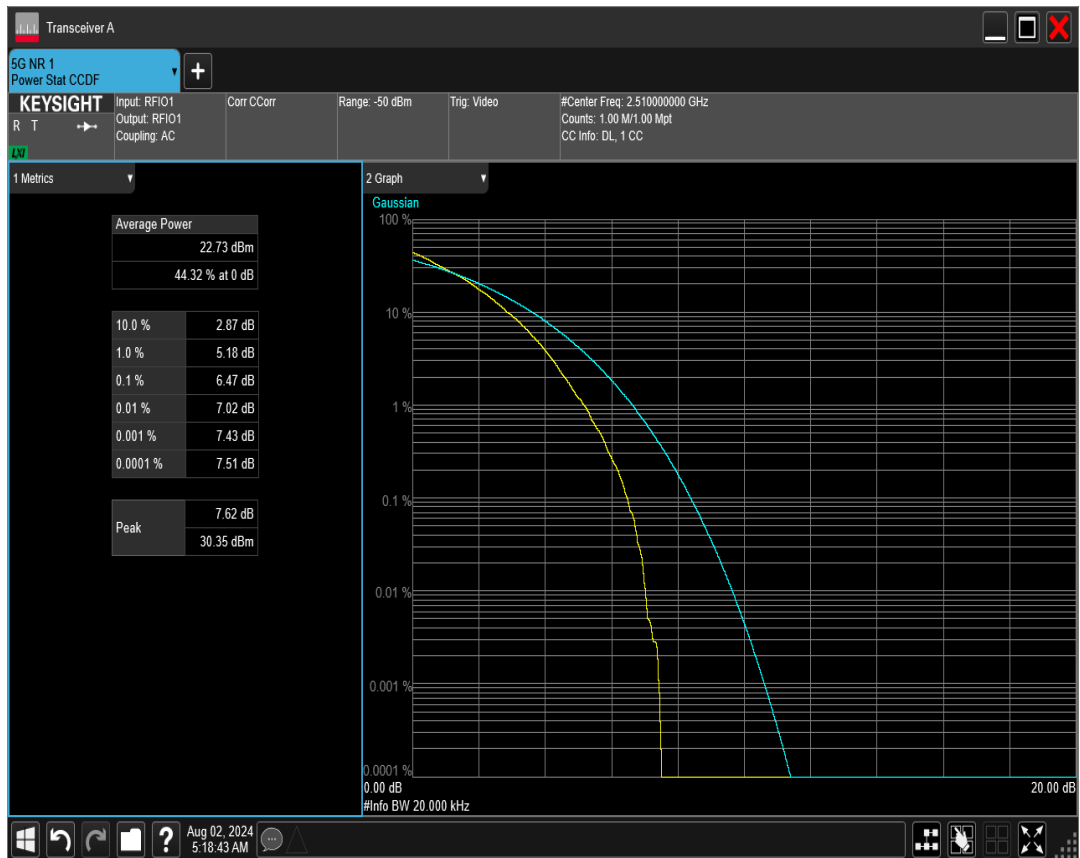
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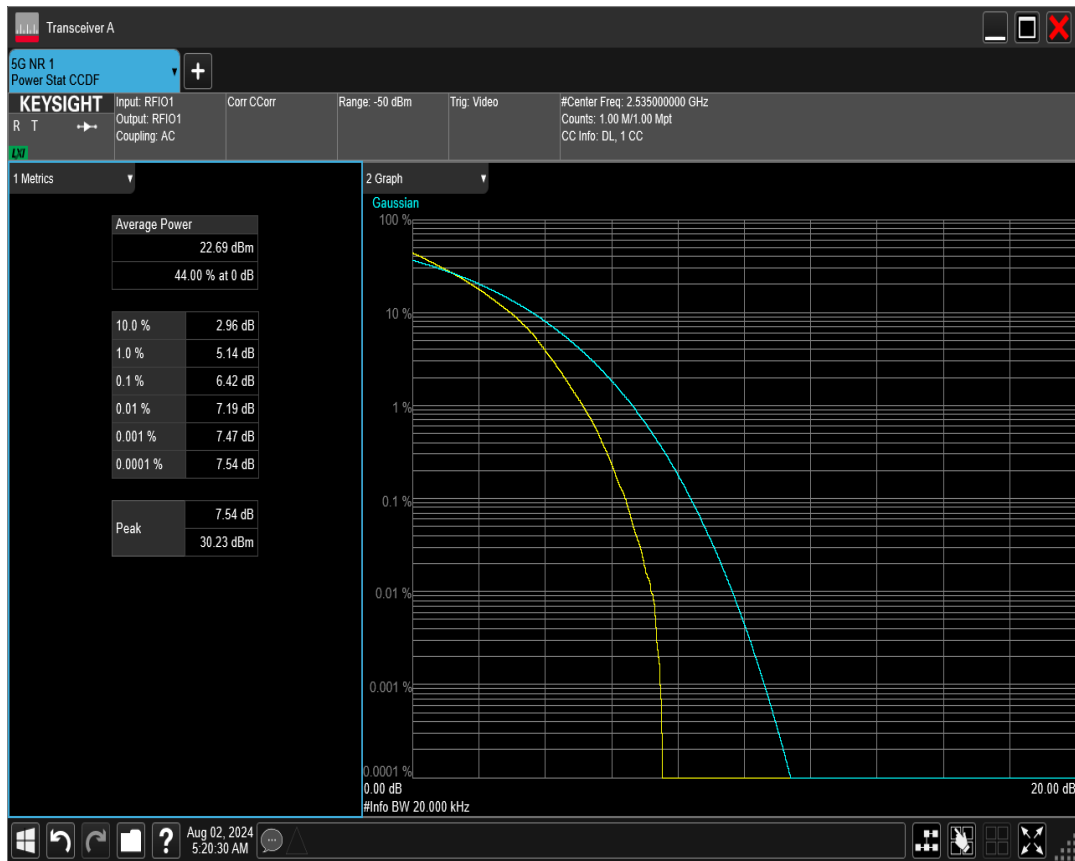
***n7 SCS=15kHz DFT\_QAM256 BW=15MHz Channel=512500 RB=75@0***



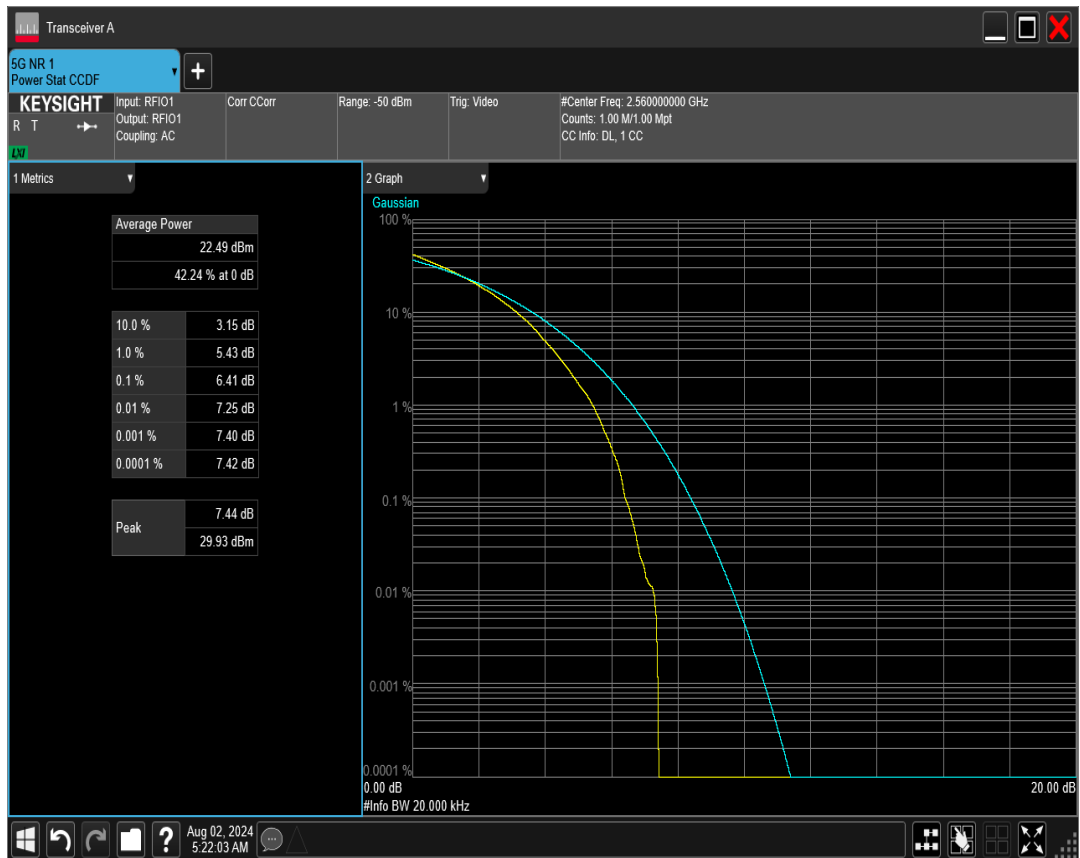
***n7 SCS=15kHz DFT\_QAM256 BW=20MHz Channel=502000 RB=100@0***



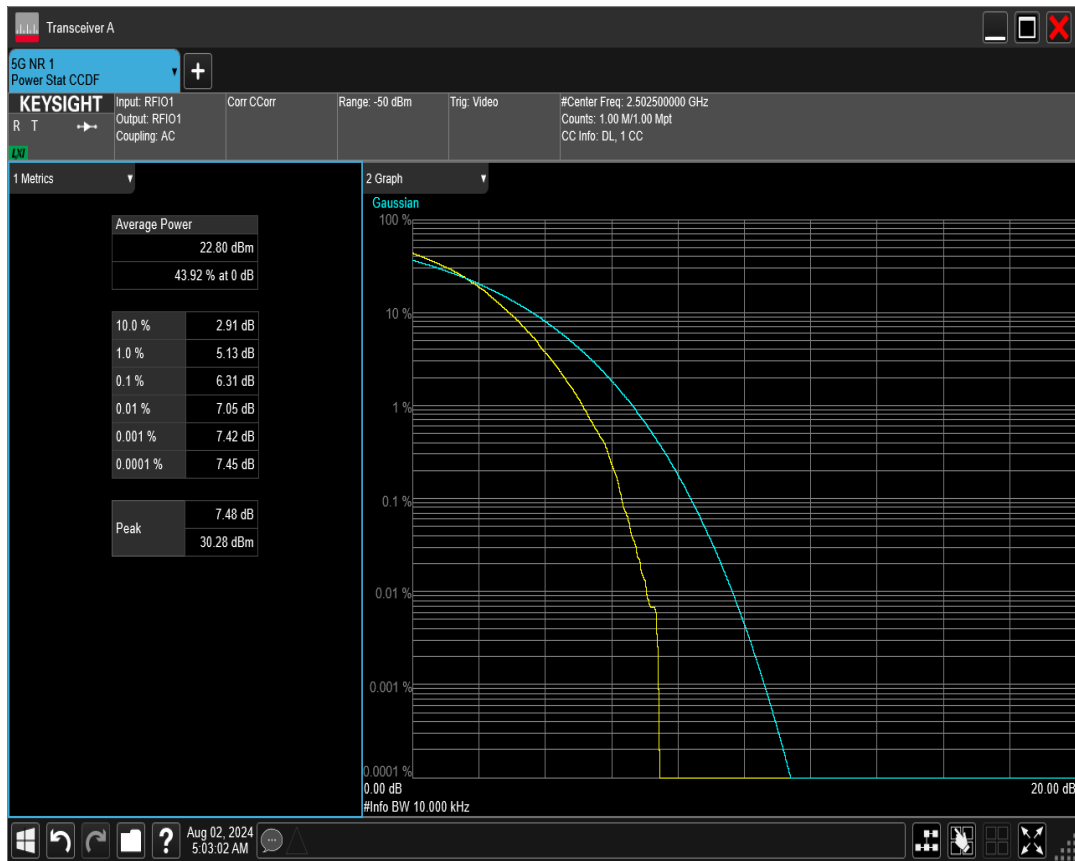
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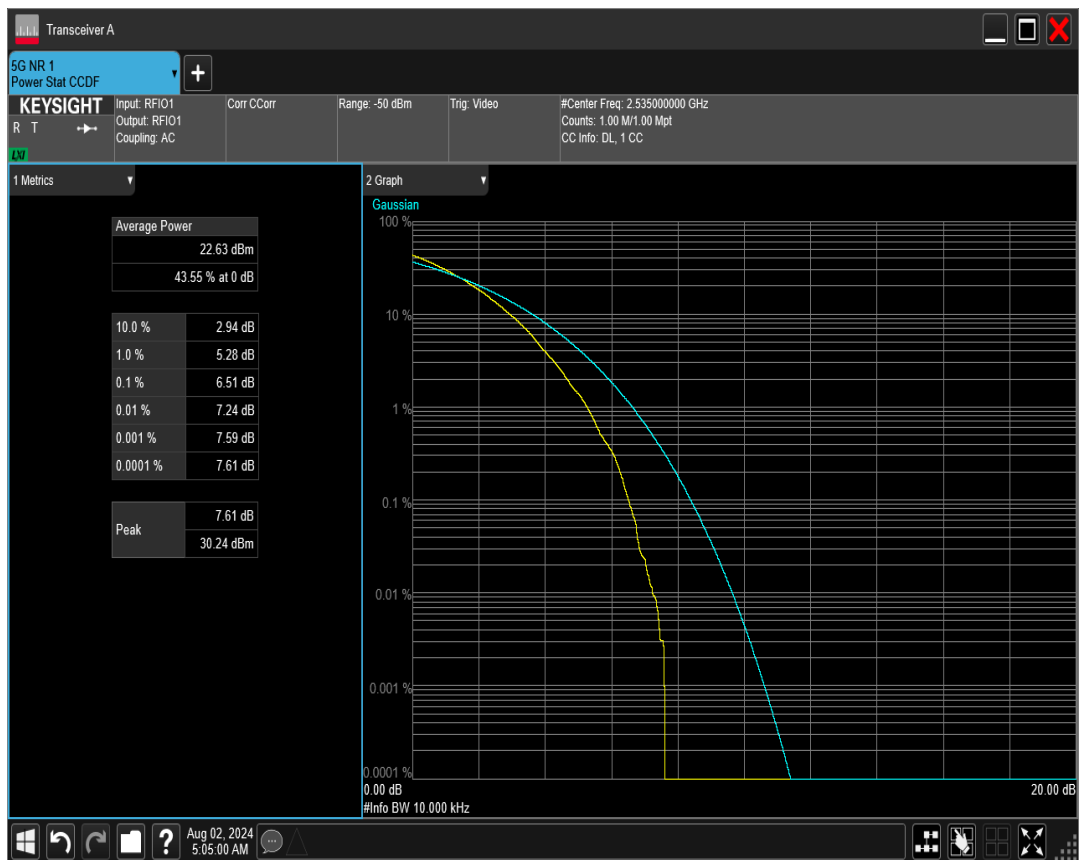
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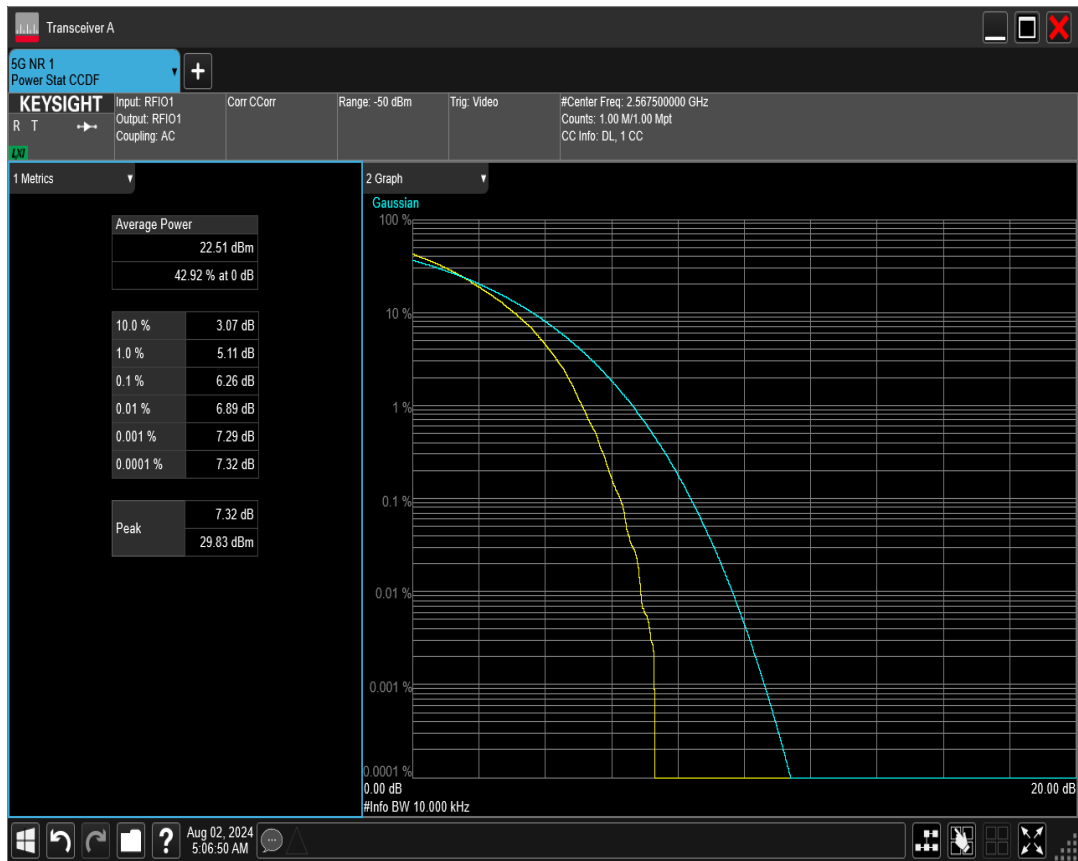
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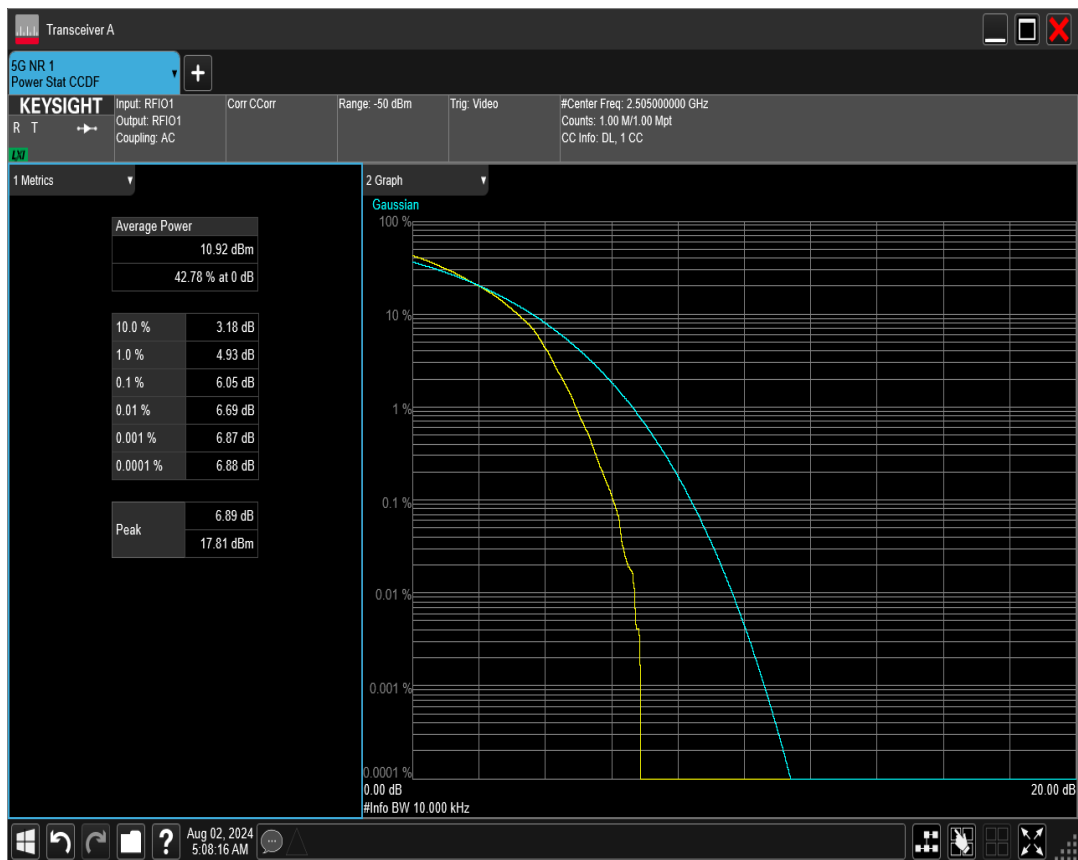
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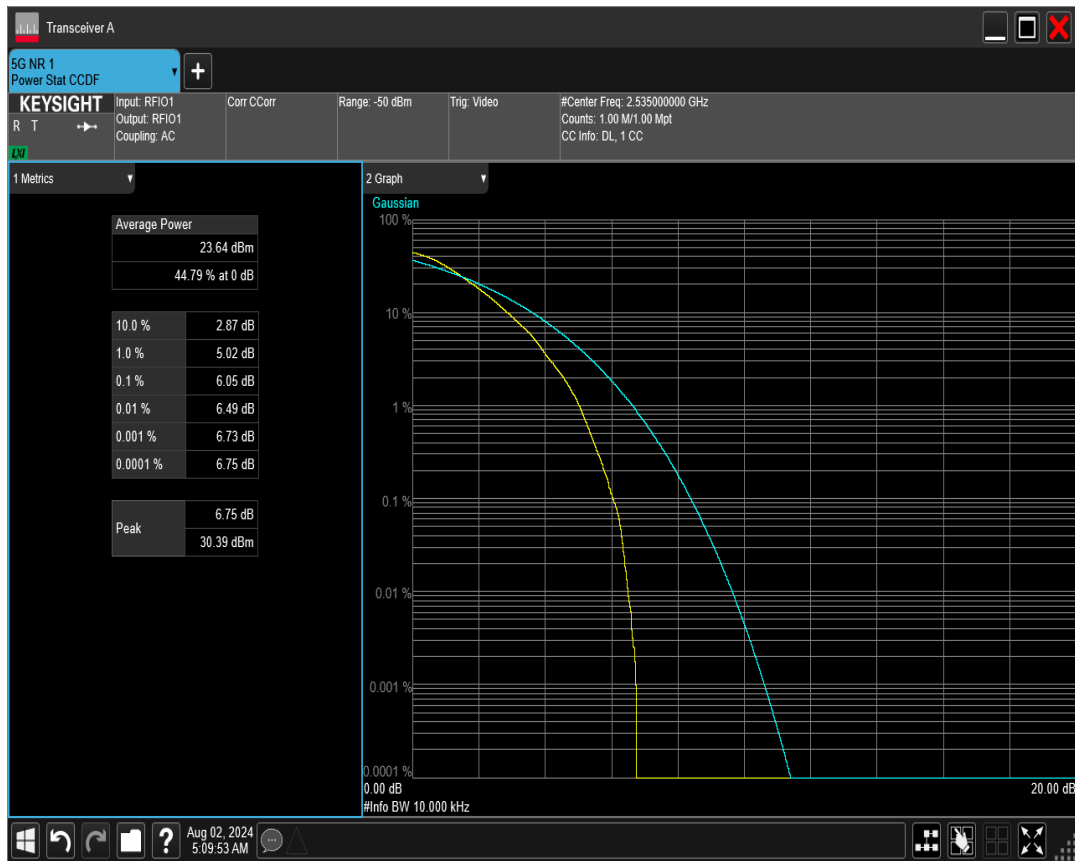
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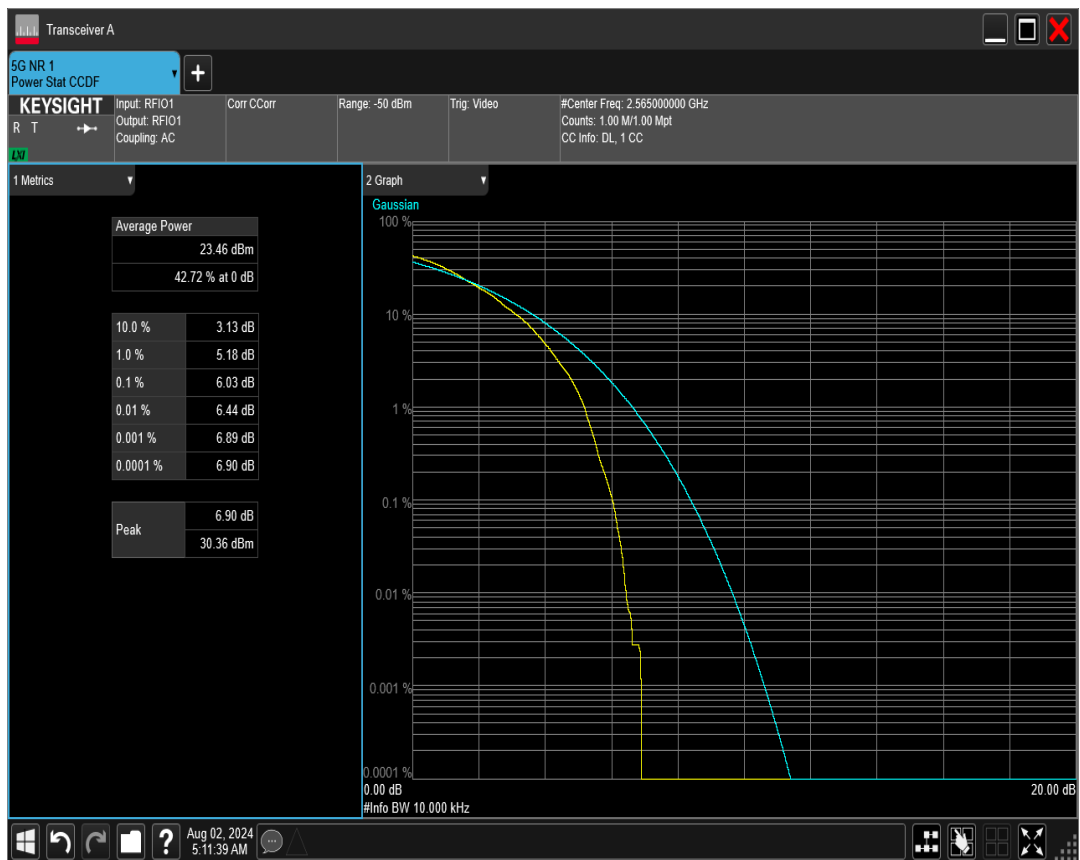
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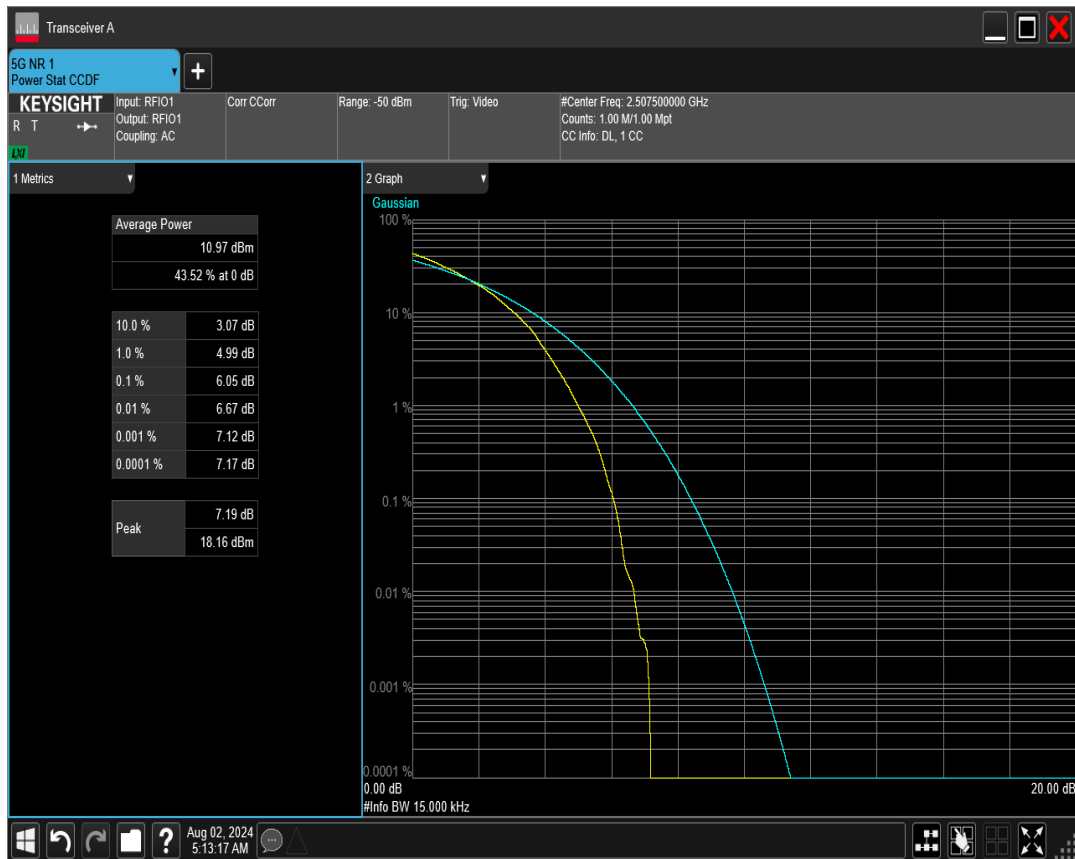
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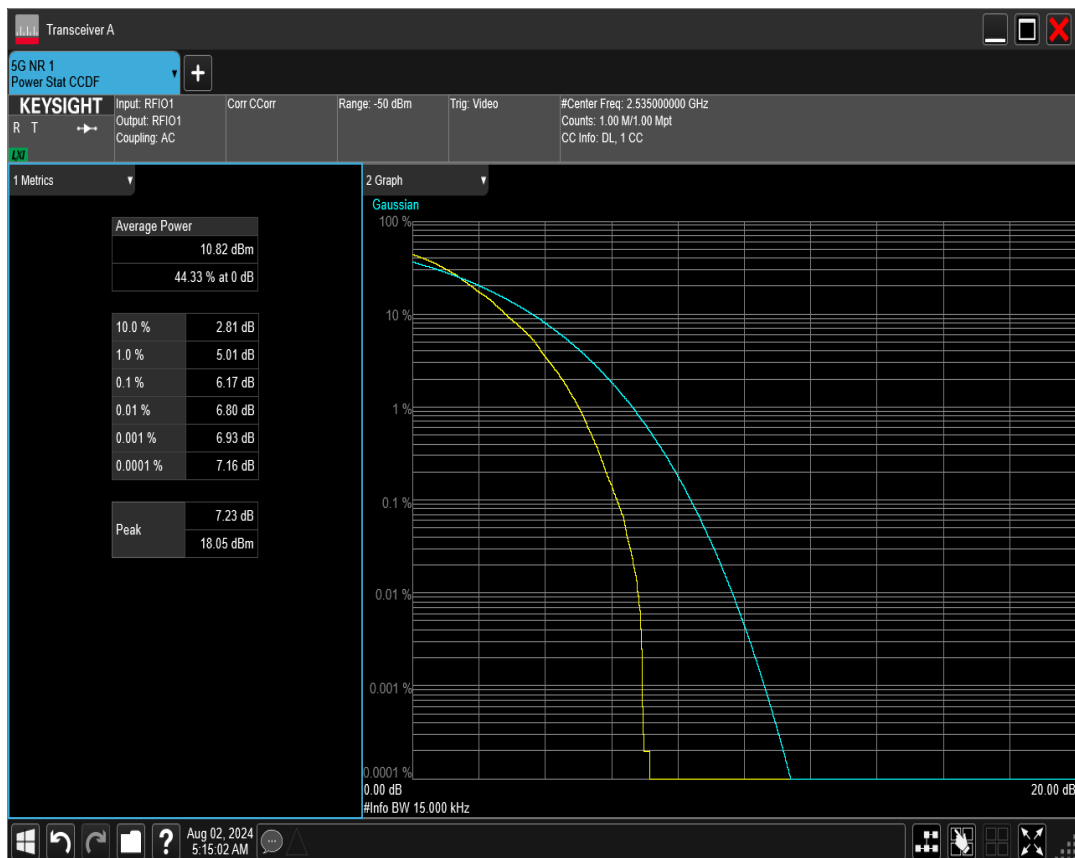
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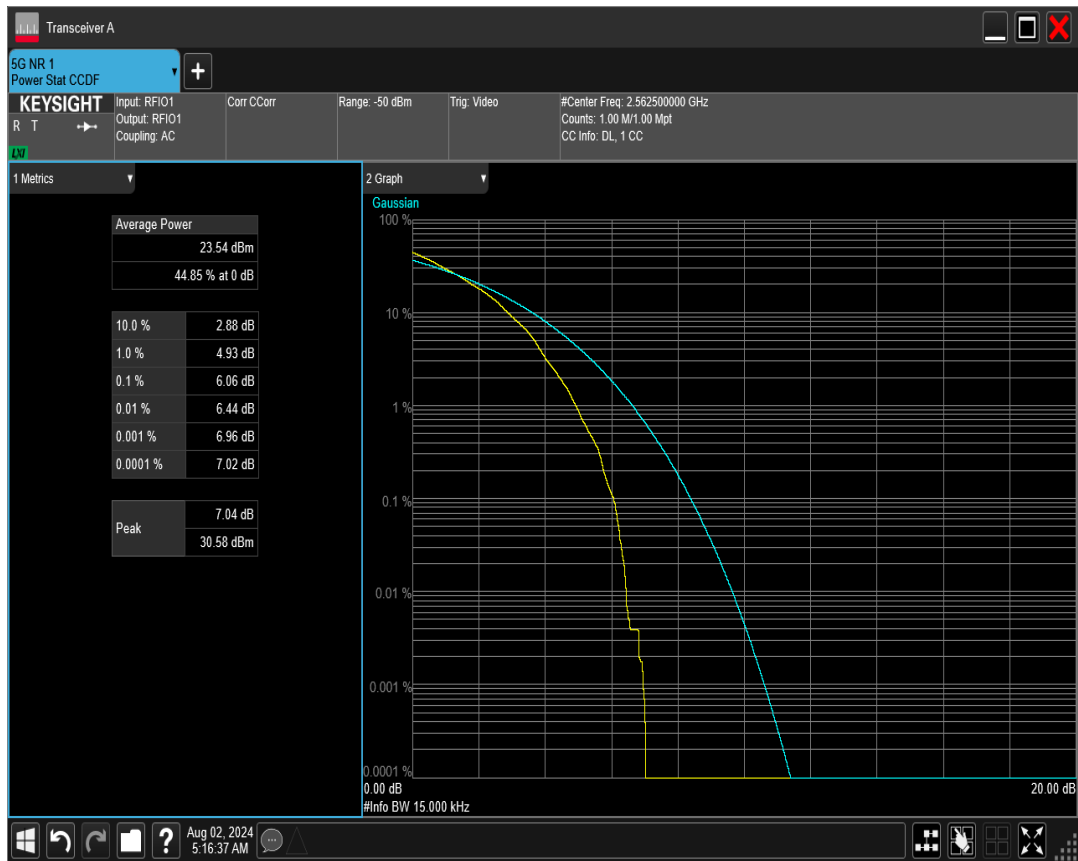
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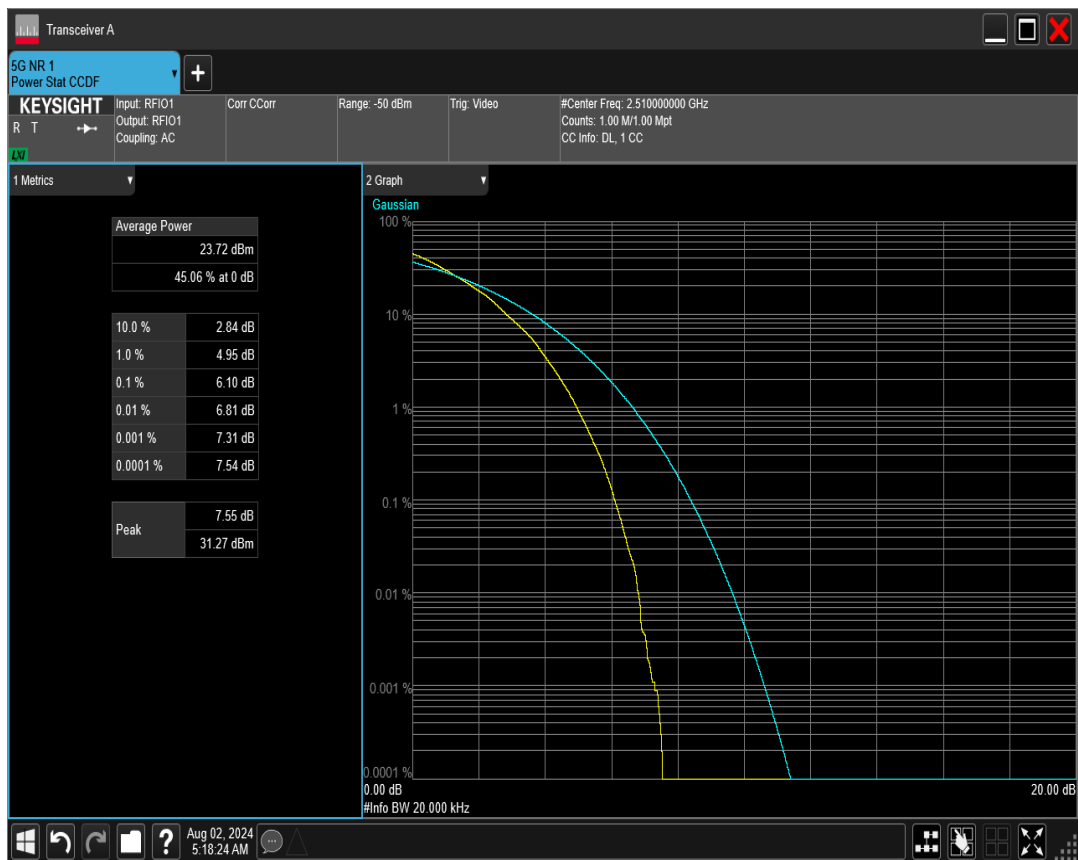
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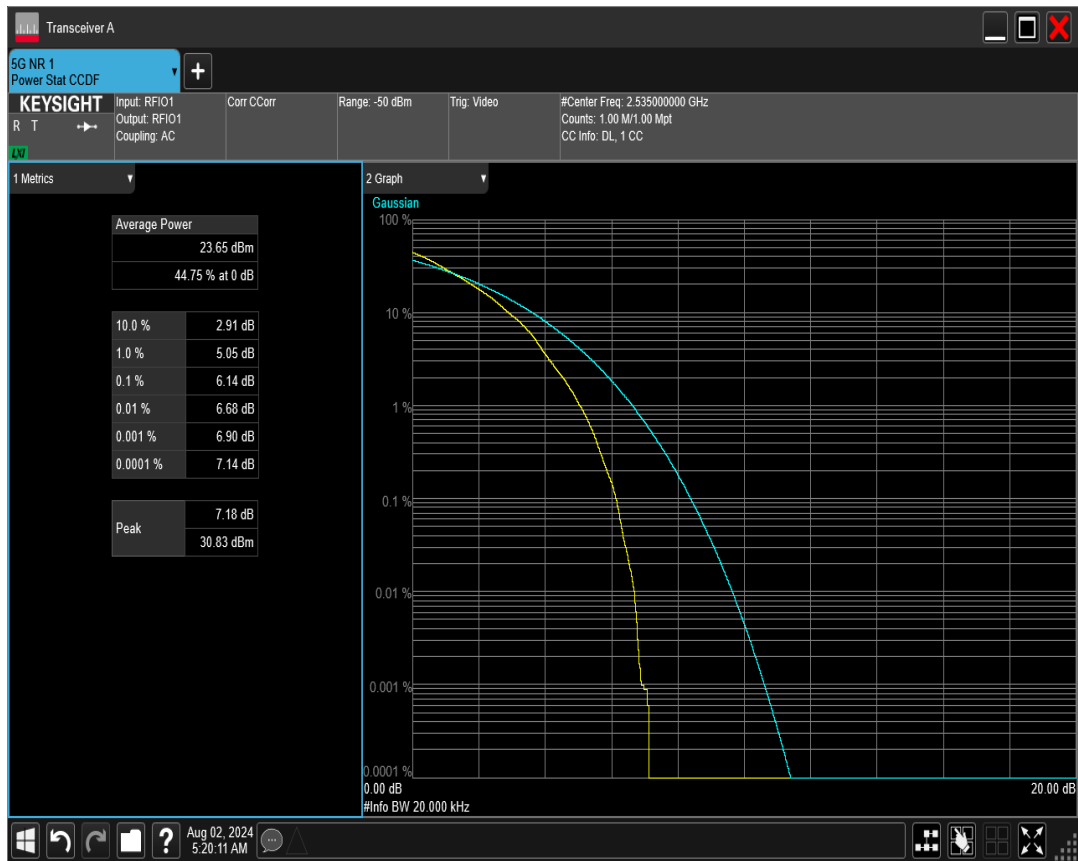
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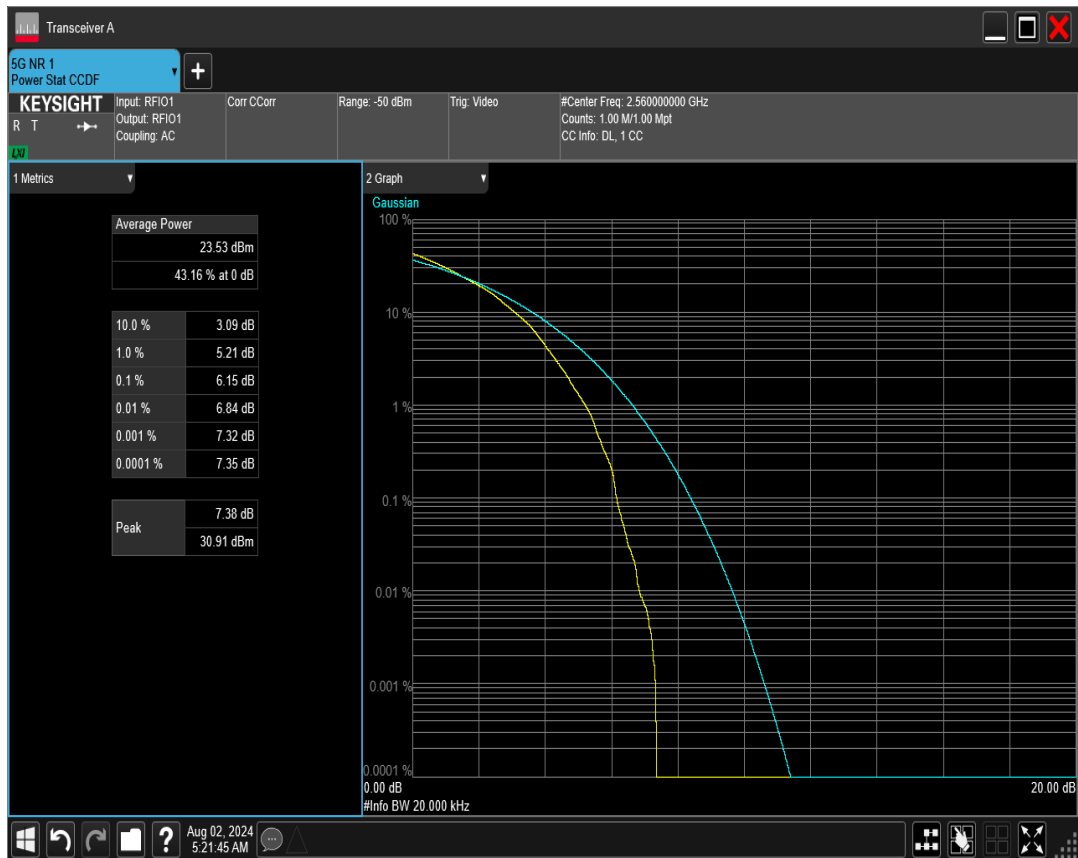
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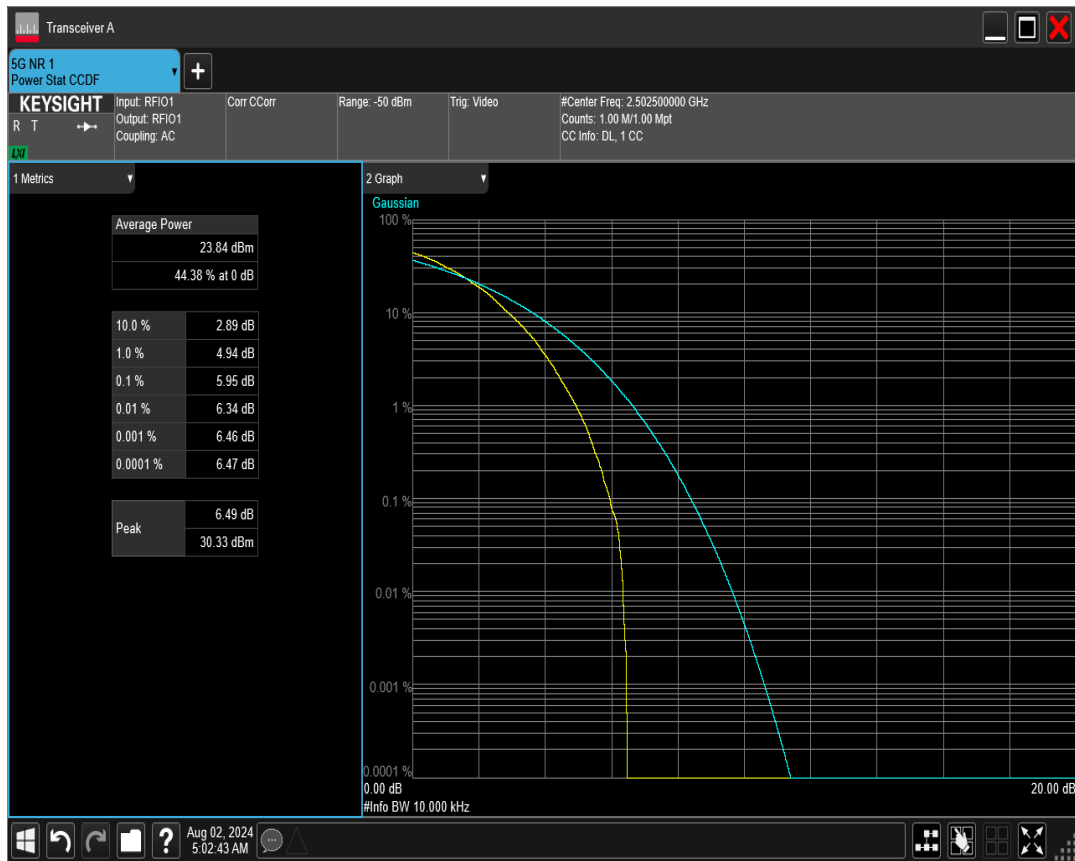
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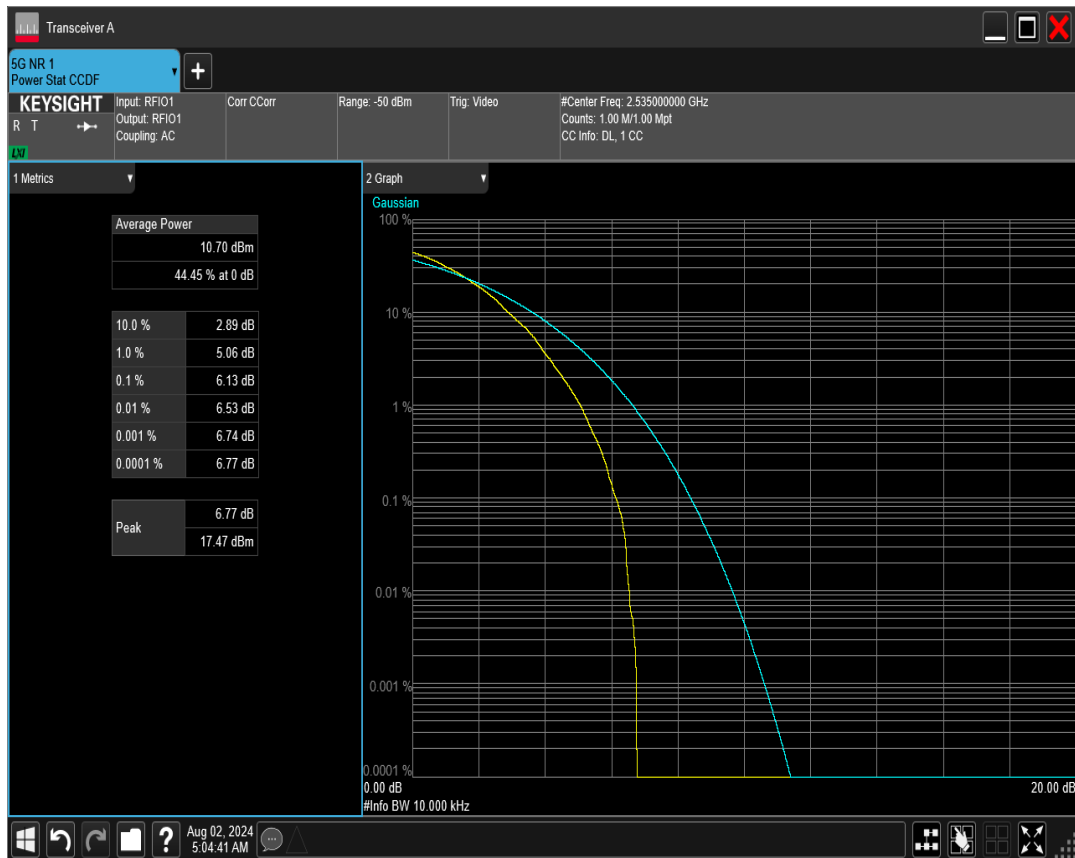
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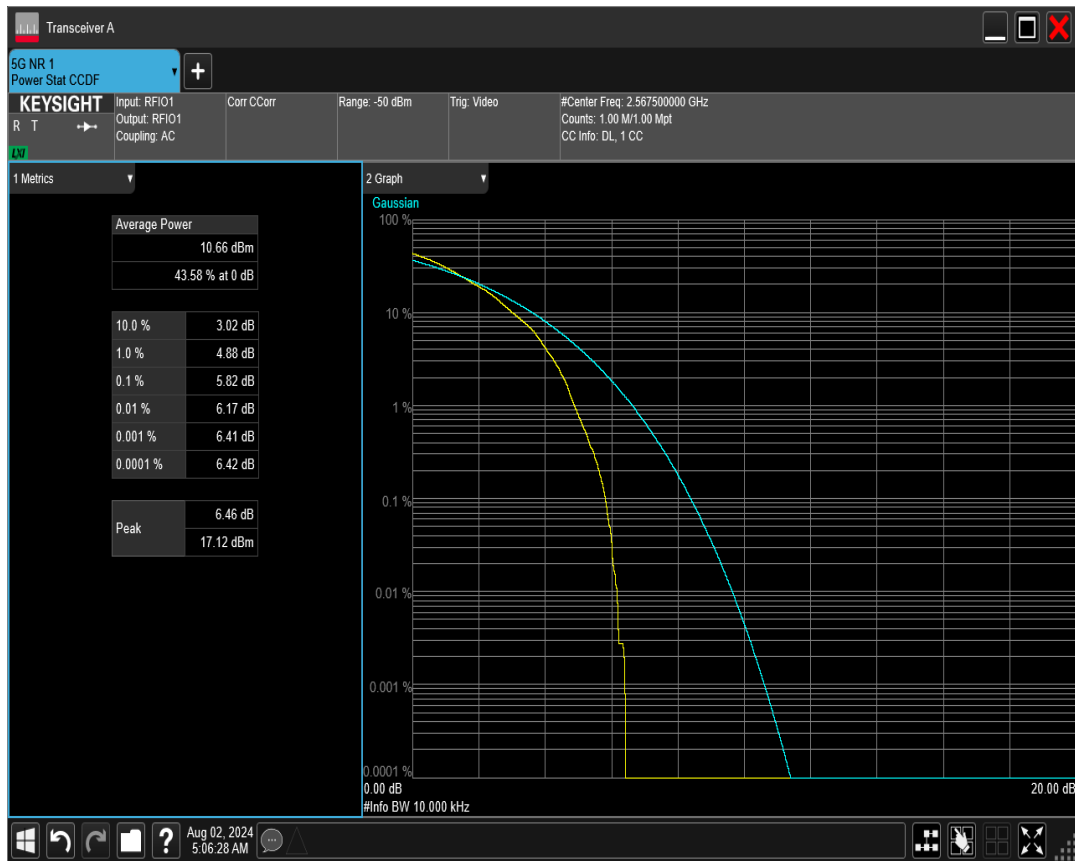
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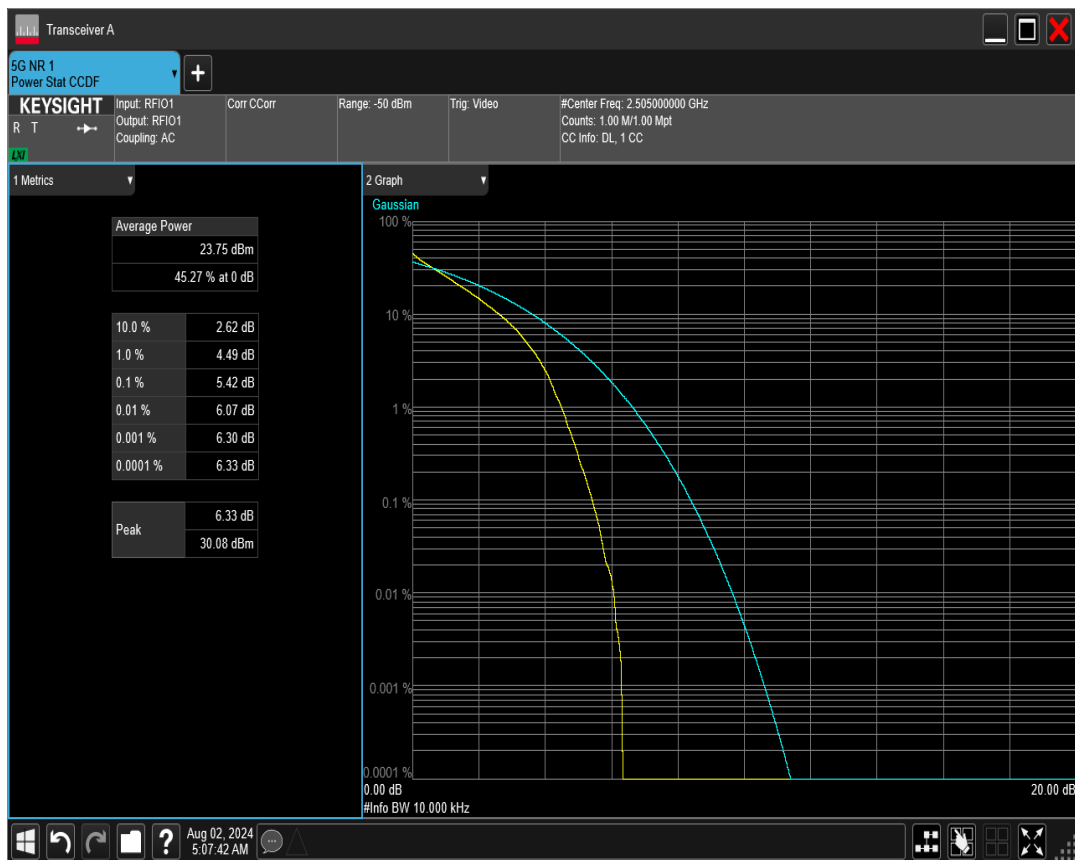
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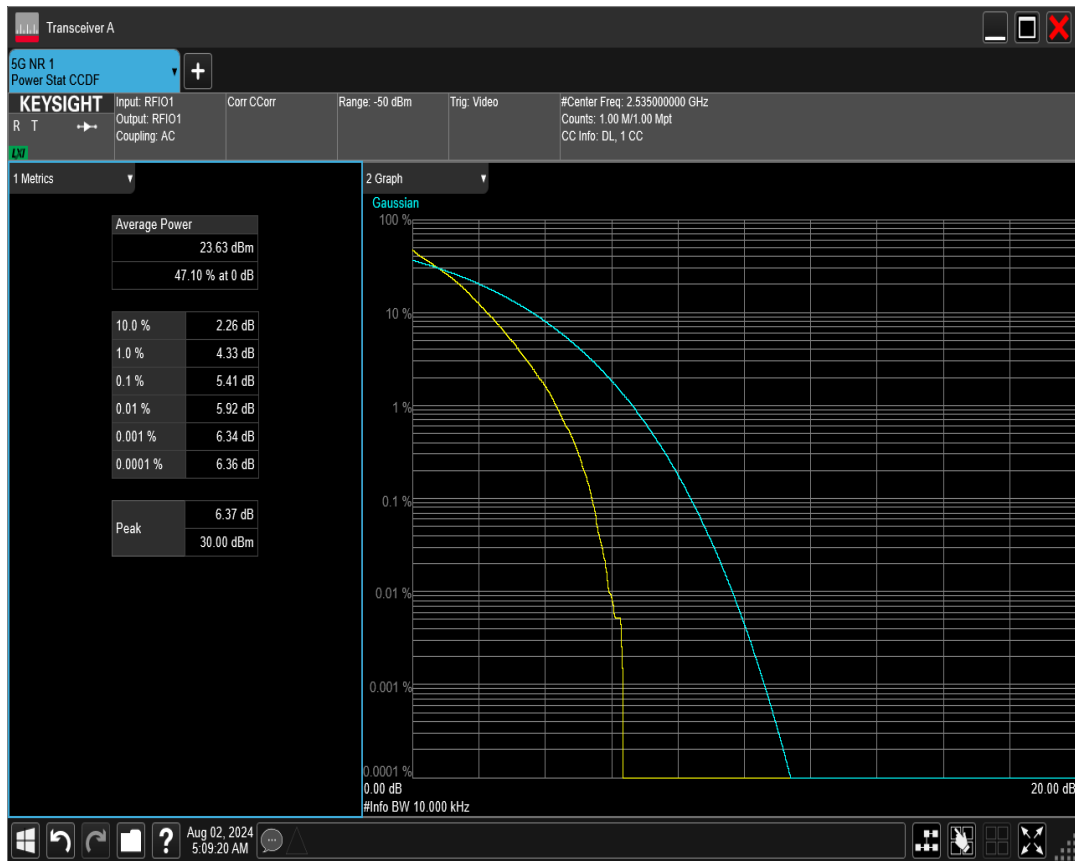
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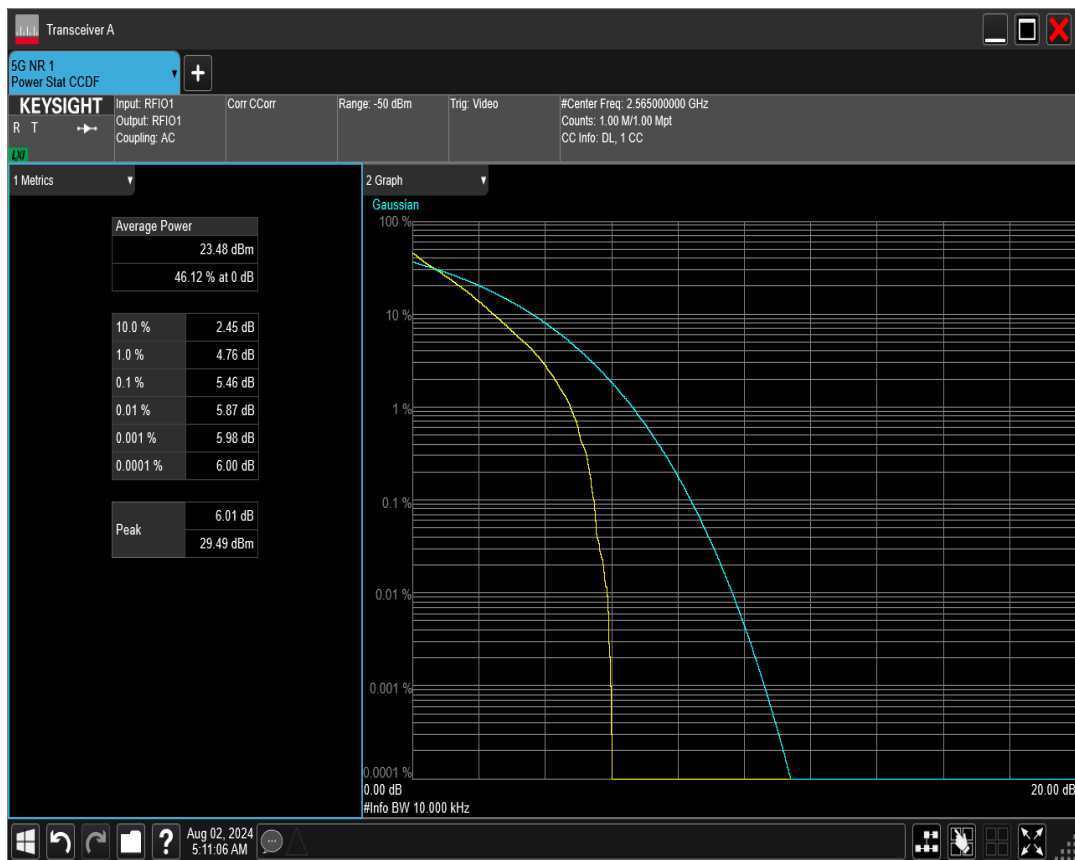
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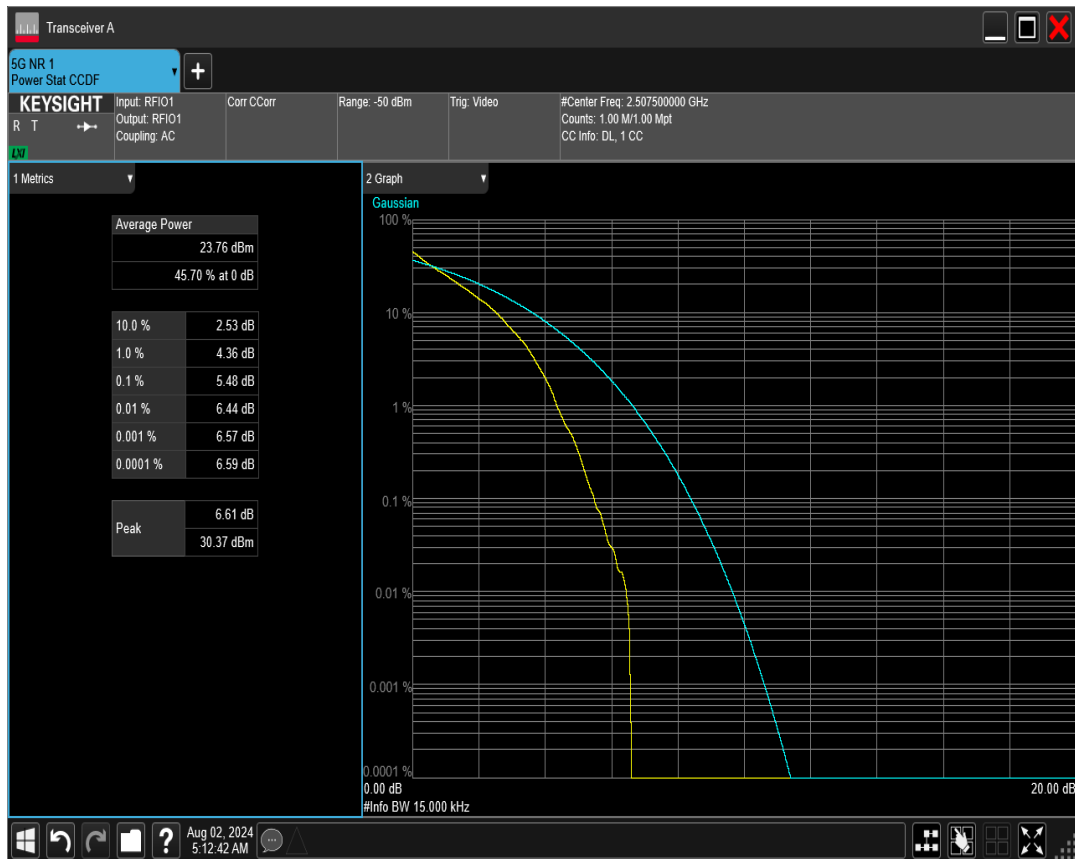
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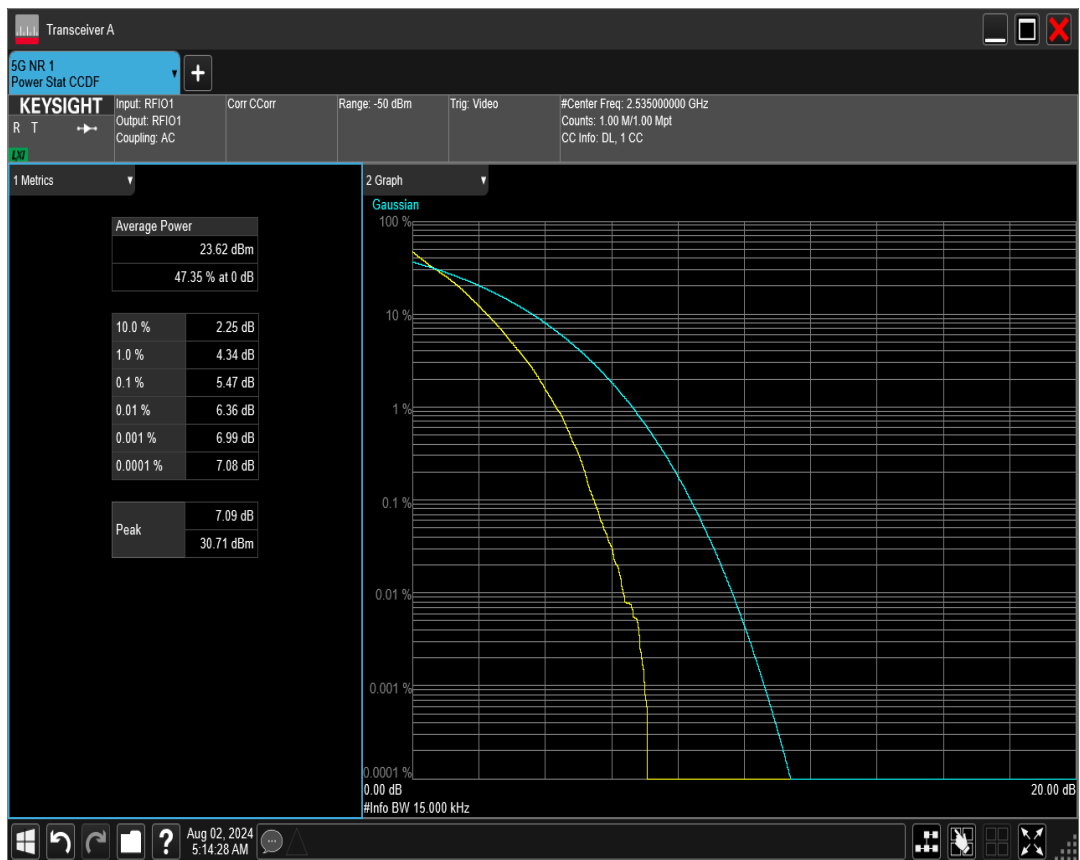
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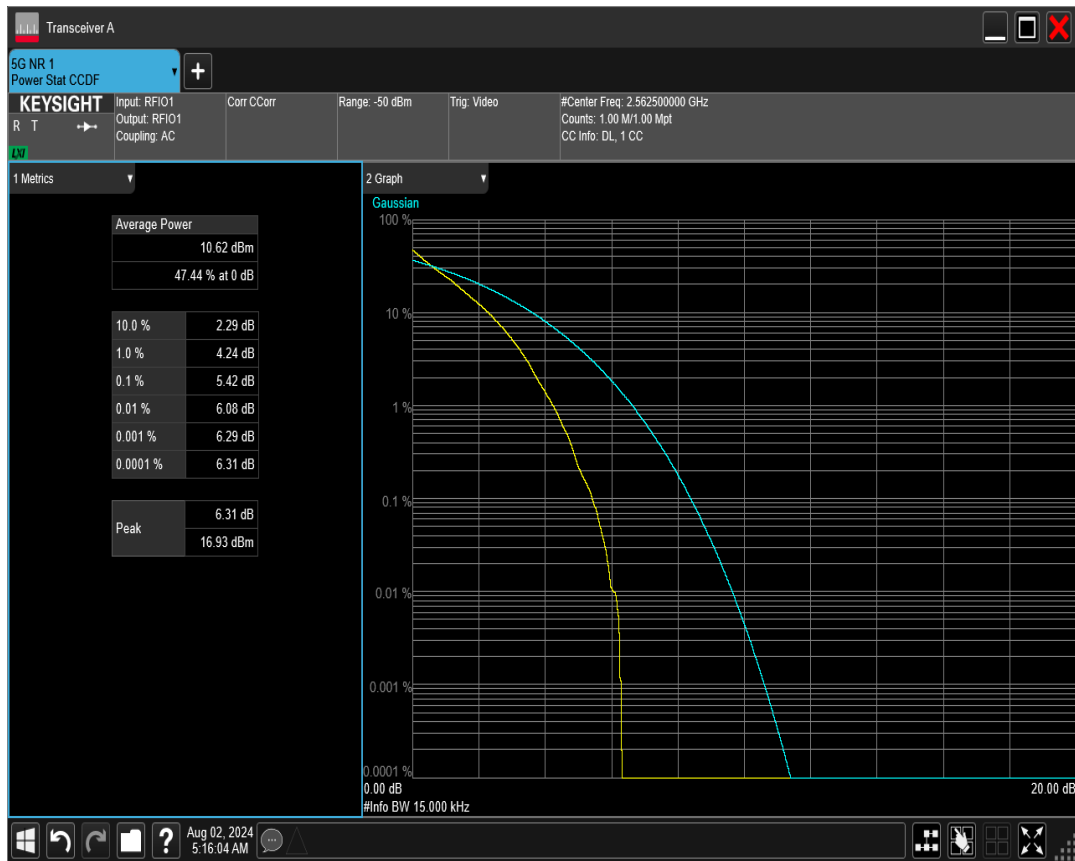
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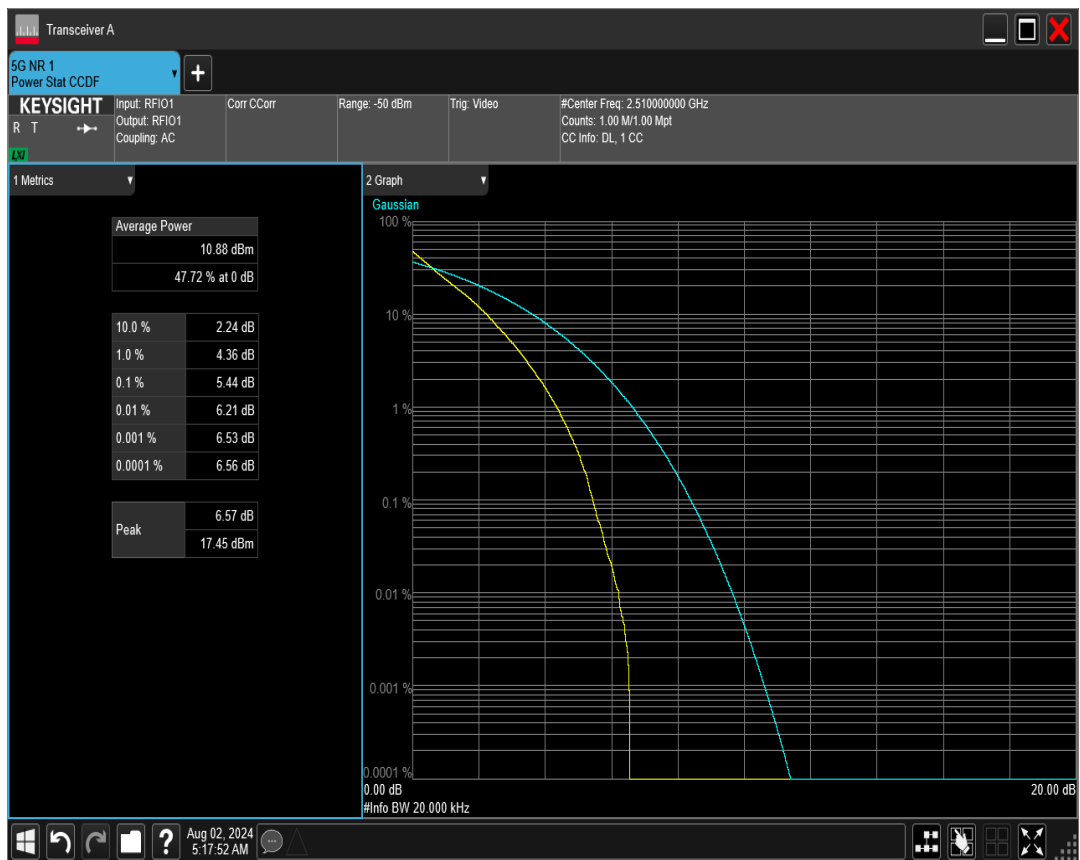
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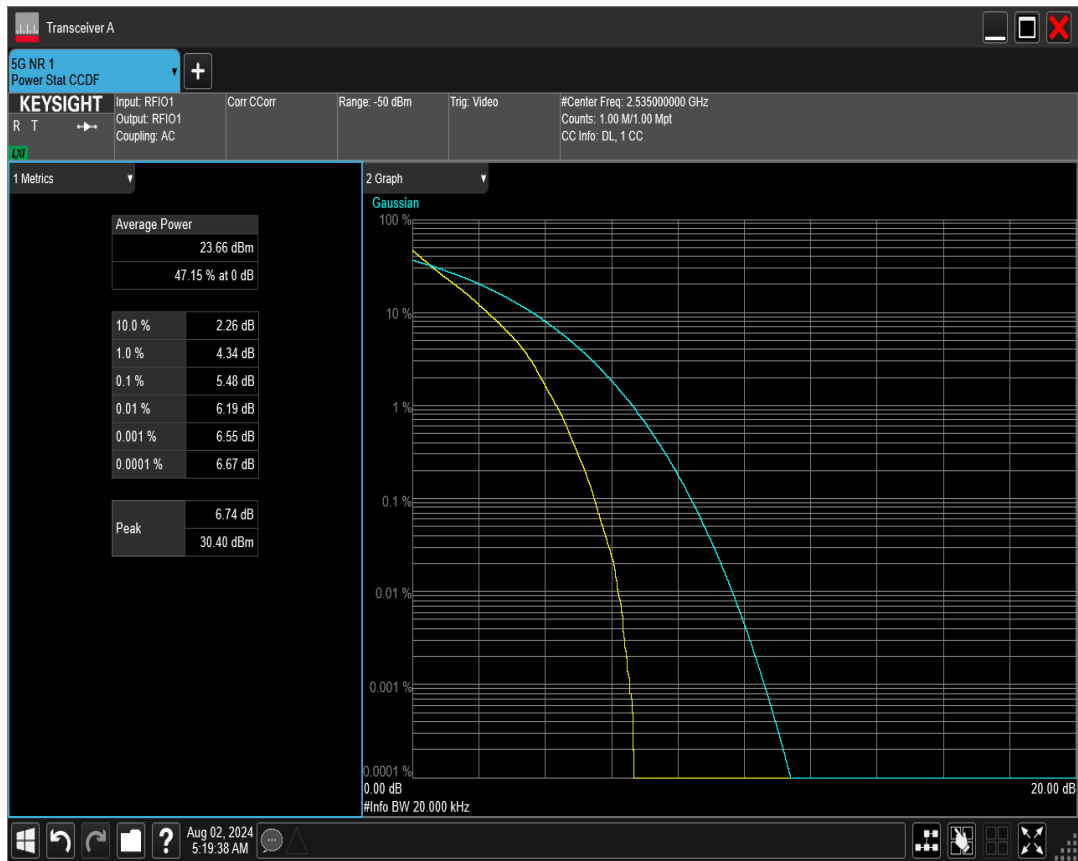
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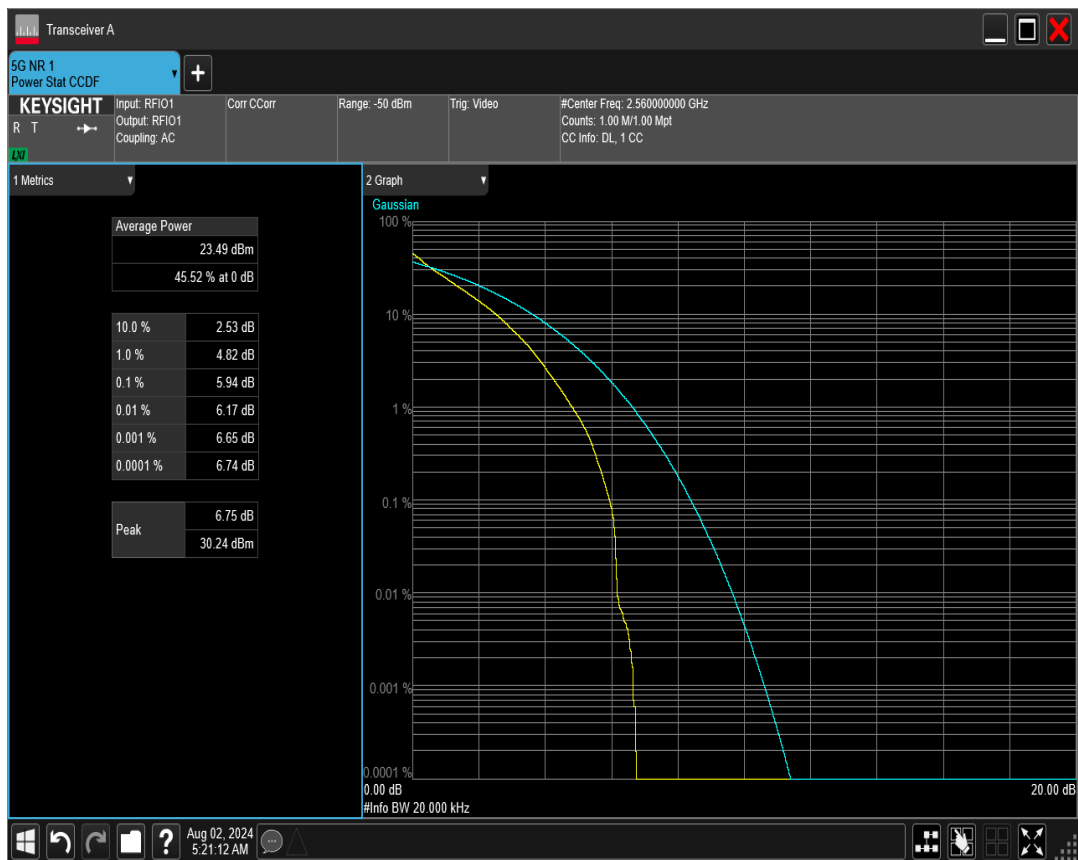
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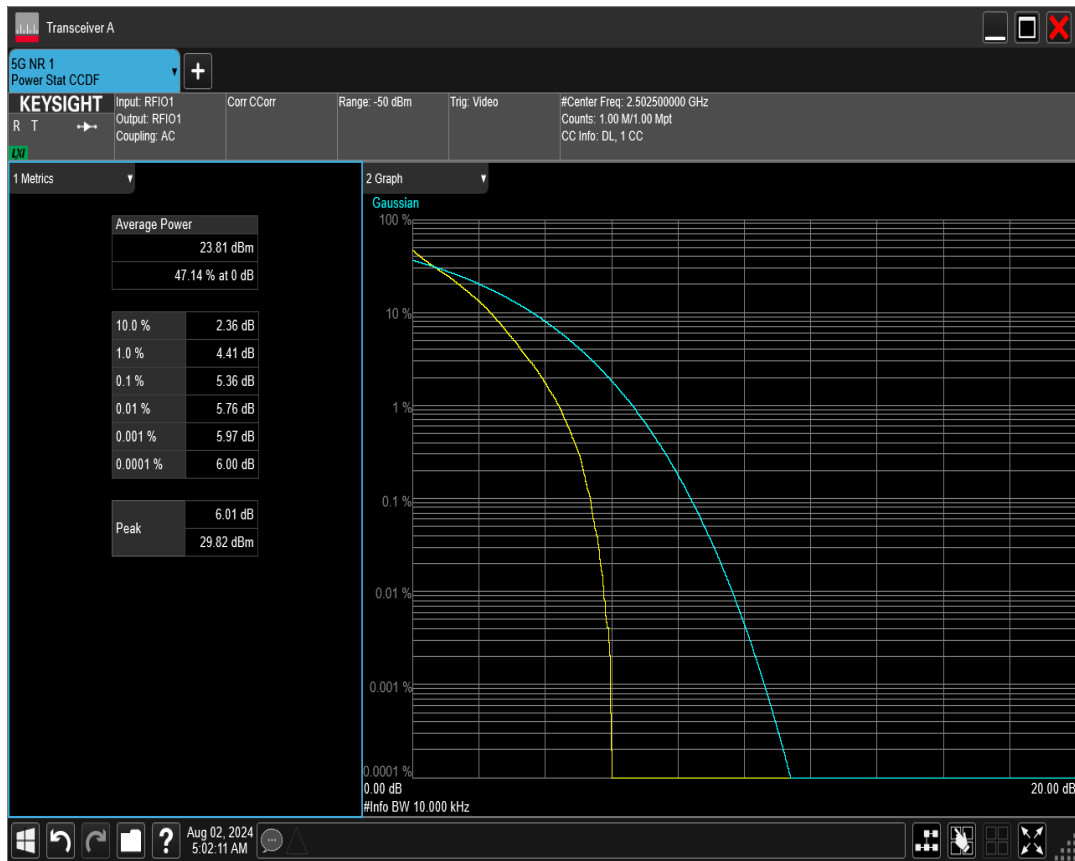
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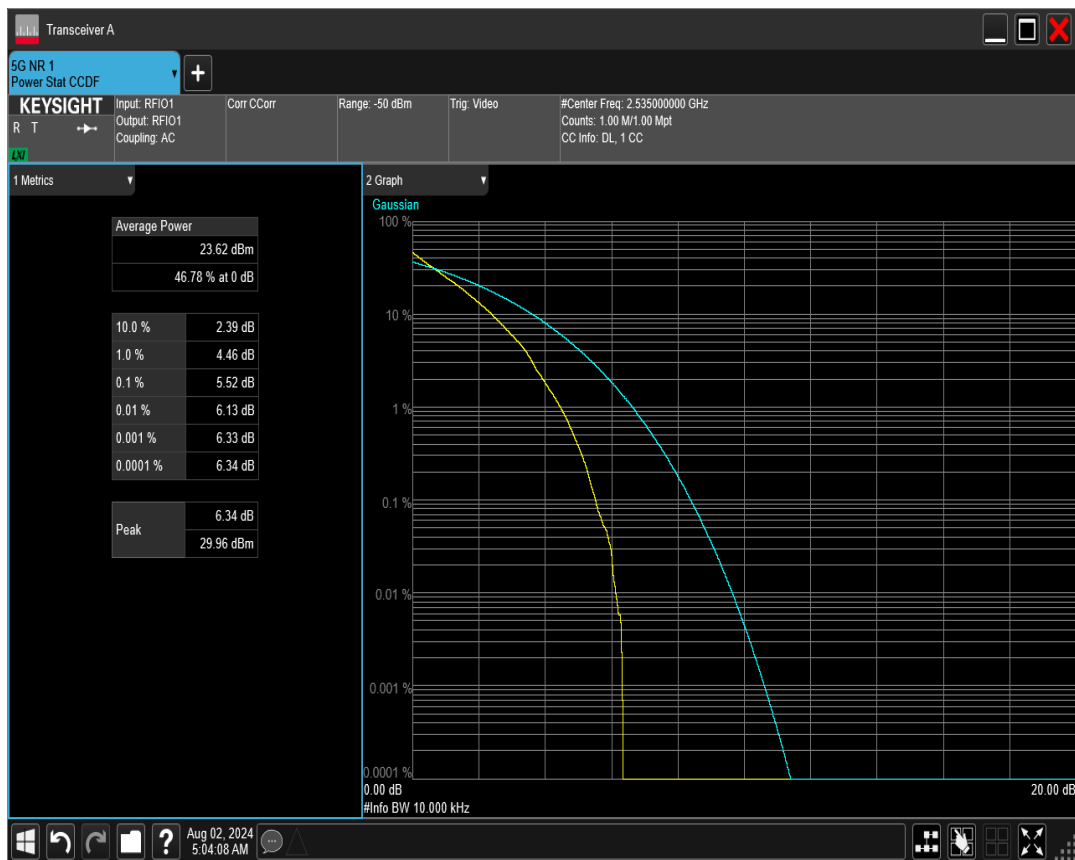
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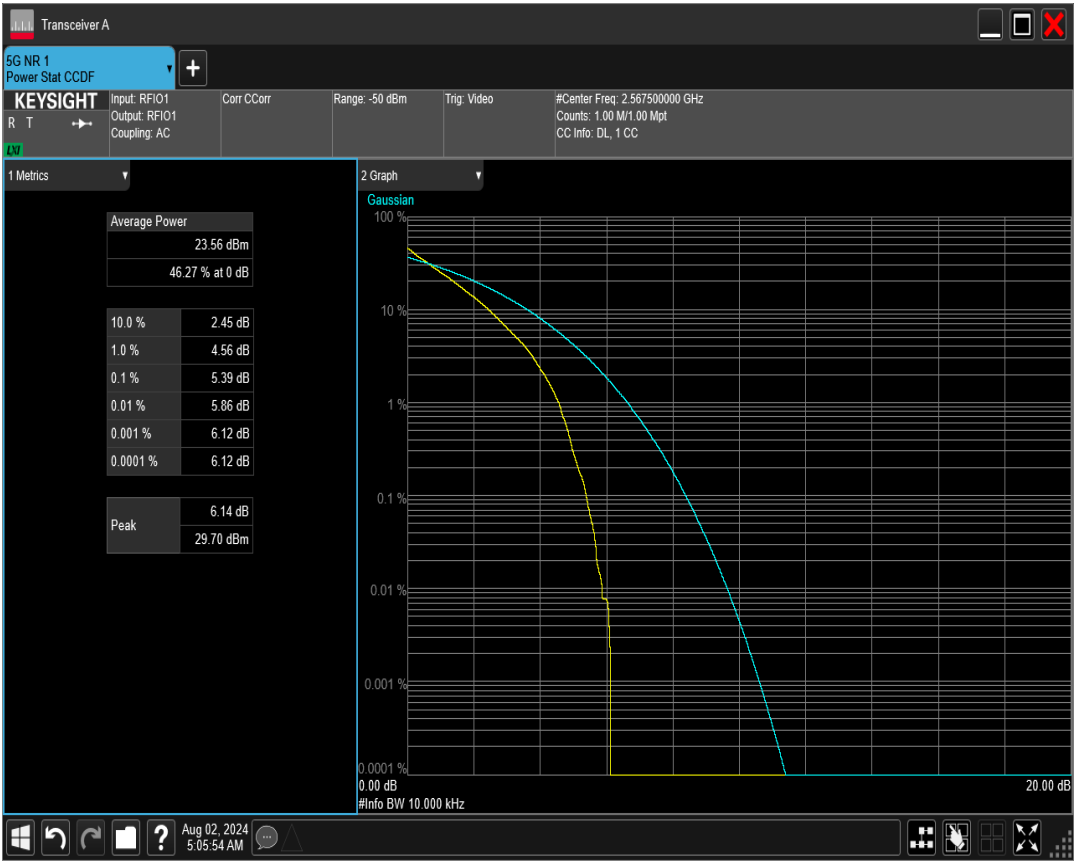
***n7 SCS=15kHz DFT\_QPSK BW=5MHz Channel=500500 RB=25@0***



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



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



## 4 Occupied bandwidth for EN-DC

| Band | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | 99% OBW<br>(MHz) | -26dB EBW<br>(MHz) | Verdict |
|------|--------------|--------------------|---------------|------------------|------------|------------------|--------------------|---------|
| n7   | 15           | 5                  | 507000        | 25@0             | DFT_BPSK   | 4.440            | 4.610              | PASS    |
| n7   | 15           | 5                  | 507000        | 25@0             | DFT_QPSK   | 4.440            | 4.610              | PASS    |
| n7   | 15           | 5                  | 507000        | 25@0             | DFT_QAM16  | 4.450            | 4.620              | PASS    |
| n7   | 15           | 5                  | 507000        | 25@0             | DFT_QAM64  | 4.470            | 4.650              | PASS    |
| n7   | 15           | 5                  | 507000        | 25@0             | DFT_QAM256 | 4.460            | 4.620              | PASS    |
| n7   | 15           | 10                 | 507000        | 50@0             | DFT_BPSK   | 9.180            | 9.100              | PASS    |
| n7   | 15           | 10                 | 507000        | 50@0             | DFT_QPSK   | 9.190            | 9.100              | PASS    |
| n7   | 15           | 10                 | 507000        | 50@0             | DFT_QAM16  | 9.220            | 9.110              | PASS    |
| n7   | 15           | 10                 | 507000        | 50@0             | DFT_QAM64  | 9.190            | 9.080              | PASS    |
| n7   | 15           | 10                 | 507000        | 50@0             | DFT_QAM256 | 9.150            | 9.130              | PASS    |
| n7   | 15           | 15                 | 507000        | 75@0             | DFT_BPSK   | 14.000           | 13.700             | PASS    |
| n7   | 15           | 15                 | 507000        | 75@0             | DFT_QPSK   | 13.970           | 13.630             | PASS    |
| n7   | 15           | 15                 | 507000        | 75@0             | DFT_QAM16  | 13.920           | 13.670             | PASS    |
| n7   | 15           | 15                 | 507000        | 75@0             | DFT_QAM64  | 14.030           | 13.610             | PASS    |
| n7   | 15           | 15                 | 507000        | 75@0             | DFT_QAM256 | 14.040           | 13.650             | PASS    |
| n7   | 15           | 20                 | 507000        | 100@0            | DFT_BPSK   | 18.670           | 18.180             | PASS    |
| n7   | 15           | 20                 | 507000        | 100@0            | DFT_QPSK   | 18.670           | 18.170             | PASS    |
| n7   | 15           | 20                 | 507000        | 100@0            | DFT_QAM16  | 18.670           | 18.120             | PASS    |
| n7   | 15           | 20                 | 507000        | 100@0            | DFT_QAM64  | 18.800           | 18.160             | PASS    |
| n7   | 15           | 20                 | 507000        | 100@0            | DFT_QAM256 | 18.700           | 18.160             | PASS    |

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



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



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



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



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