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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 |
|--------|--------------|--------------------|---------------|------------------|------------|----------------|-----------------------|------------------------|---------|
| Band40 | 30           | 5                  | 38675         | 1@0              | QPSK       | 5.55           |                       |                        |         |
| n41    | 30           | 20                 | 501204        | 1@0              | DFT_BPSK   | 21.54          |                       |                        |         |
| Sum    | 30           |                    |               |                  |            | 21.64          | 19                    | 26                     | PASS    |
| Band40 | 30           | 5                  | 39150         | 8@0              | QPSK       | 5.77           |                       |                        |         |
| n41    | 30           | 20                 | 518598        | 25@12            | DFT_BPSK   | 22.21          |                       |                        |         |
| Sum    | 30           |                    |               |                  |            | 22.30          | 19                    | 26                     | PASS    |
| Band40 | 30           | 5                  | 39150         | 8@0              | QPSK       | 5.68           |                       |                        |         |
| n41    | 30           | 20                 | 518598        | 25@12            | DFT_QPSK   | 22.15          |                       |                        |         |
| Sum    | 30           |                    |               |                  |            | 22.24          | 19                    | 26                     | PASS    |
| Band40 | 30           | 5                  | 39625         | 1@17             | QPSK       | 5.54           |                       |                        |         |
| n41    | 30           | 20                 | 535998        | 1@50             | DFT_BPSK   | 21.68          |                       |                        |         |
| Sum    | 30           |                    |               |                  |            | 21.78          | 19                    | 26                     | PASS    |
| Band40 | 30           | 5                  | 39625         | 8@17             | QPSK       | 5.44           |                       |                        |         |
| n41    | 30           | 20                 | 535998        | 25@12            | DFT_BPSK   | 21.89          |                       |                        |         |
| Sum    | 30           |                    |               |                  |            | 21.98          | 19                    | 26                     | PASS    |
| Band40 | 30           | 5                  | 39625         | 1@17             | QPSK       | 5.57           |                       |                        |         |
| n41    | 30           | 20                 | 535998        | 1@50             | DFT_QPSK   | 21.88          |                       |                        |         |
| Sum    | 30           |                    |               |                  |            | 21.98          | 19                    | 26                     | PASS    |
| Band40 | 30           | 5                  | 39625         | 8@17             | QPSK       | 5.55           |                       |                        |         |
| n41    | 30           | 20                 | 535998        | 25@12            | DFT_QPSK   | 21.94          |                       |                        |         |
| Sum    | 30           |                    |               |                  |            | 22.03          | 19                    | 26                     | PASS    |
| Band40 | 30           | 20                 | 38750         | 1@0              | QPSK       | 5.72           |                       |                        |         |
| n41    | 30           | 100                | 509202        | 1@0              | DFT_BPSK   | 21.39          |                       |                        |         |
| Sum    | 30           |                    |               |                  |            | 21.50          | 19                    | 26                     | PASS    |
| Band40 | 30           | 20                 | 39150         | 18@0             | QPSK       | 5.71           |                       |                        |         |
| n41    | 30           | 100                | 518598        | 135@67           | DFT_BPSK   | 21.92          |                       |                        |         |
| Sum    | 30           |                    |               |                  |            | 22.02          | 19                    | 26                     | PASS    |
| Band40 | 30           | 20                 | 39150         | 18@0             | QPSK       | 5.72           |                       |                        |         |
| n41    | 30           | 100                | 518598        | 135@67           | DFT_QPSK   | 21.98          |                       |                        |         |
| Sum    | 30           |                    |               |                  |            | 22.08          | 19                    | 26                     | PASS    |
| Band40 | 30           | 20                 | 39550         | 1@72             | QPSK       | 5.79           |                       |                        |         |
| n41    | 30           | 100                | 528000        | 1@272            | DFT_BPSK   | 21.59          |                       |                        |         |
| Sum    | 30           |                    |               |                  |            | 21.70          | 19                    | 26                     | PASS    |
| Band40 | 30           | 20                 | 39550         | 18@72            | QPSK       | 5.59           |                       |                        |         |
| n41    | 30           | 100                | 528000        | 135@67           | DFT_BPSK   | 21.81          |                       |                        |         |
| Sum    | 30           |                    |               |                  |            | 21.91          | 19                    | 26                     | PASS    |
| Band40 | 30           | 20                 | 39550         | 1@72             | QPSK       | 5.82           |                       |                        |         |
| n41    | 30           | 100                | 528000        | 1@272            | DFT_QPSK   | 21.62          |                       |                        |         |

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|        |    |     |        |        |          |       |    |    |      |
|--------|----|-----|--------|--------|----------|-------|----|----|------|
| Sum    | 30 |     |        |        |          | 21.73 | 19 | 26 | PASS |
| Band40 | 30 | 20  | 39550  | 18@72  | QPSK     | 5.58  |    |    |      |
| n41    | 30 | 100 | 528000 | 135@67 | DFT_QPSK | 21.87 |    |    |      |
| Sum    | 30 |     |        |        |          | 21.97 | 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 |
|------|--------------|--------------------|---------------|------------------|------------|------------|-----------------|-----------------------|------------------------|---------|
| n41  | 30           | 20                 | 501204        | 25@12            | DFT_BPSK   | -5.68      | -0.00227        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 501204        | 1@1              | DFT_BPSK   | -4.53      | -0.00181        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 501204        | 1@49             | DFT_BPSK   | -3.26      | -0.00130        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 501204        | 25@12            | DFT_QPSK   | -3.63      | -0.00145        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 501204        | 1@1              | DFT_QPSK   | -9.96      | -0.00397        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 501204        | 1@49             | DFT_QPSK   | -1.57      | -0.00063        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 518598        | 25@12            | DFT_BPSK   | 0.44       | 0.00017         | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 518598        | 1@1              | DFT_BPSK   | -5.49      | -0.00212        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 518598        | 1@49             | DFT_BPSK   | -1.50      | -0.00058        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 518598        | 25@12            | DFT_QPSK   | -0.21      | -0.00008        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 518598        | 1@1              | DFT_QPSK   | 1.03       | 0.00040         | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 518598        | 1@49             | DFT_QPSK   | 0.81       | 0.00031         | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 535998        | 25@12            | DFT_BPSK   | -6.73      | -0.00251        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 535998        | 1@1              | DFT_BPSK   | -6.81      | -0.00254        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 535998        | 1@49             | DFT_BPSK   | -6.56      | -0.00245        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 535998        | 25@12            | DFT_QPSK   | -6.99      | -0.00261        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 535998        | 1@1              | DFT_QPSK   | -5.40      | -0.00201        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 535998        | 1@49             | DFT_QPSK   | -2.14      | -0.00080        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 504204        | 64@32            | DFT_BPSK   | -1.43      | -0.00057        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 504204        | 1@1              | DFT_BPSK   | -10.20     | -0.00405        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 504204        | 1@131            | DFT_BPSK   | -0.17      | -0.00007        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 504204        | 64@32            | DFT_QPSK   | -7.44      | -0.00295        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 504204        | 1@1              | DFT_QPSK   | -5.67      | -0.00225        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 504204        | 1@131            | DFT_QPSK   | -0.28      | -0.00011        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 518598        | 64@32            | DFT_BPSK   | -4.02      | -0.00155        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 518598        | 1@1              | DFT_BPSK   | 2.61       | 0.00101         | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 518598        | 1@131            | DFT_BPSK   | 5.94       | 0.00229         | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 518598        | 64@32            | DFT_QPSK   | 0.75       | 0.00029         | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 518598        | 1@1              | DFT_QPSK   | -0.45      | -0.00017        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 518598        | 1@131            | DFT_QPSK   | 0.09       | 0.00003         | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 532998        | 64@32            | DFT_BPSK   | 3.32       | 0.00125         | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 532998        | 1@1              | DFT_BPSK   | 0.91       | 0.00034         | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 532998        | 1@131            | DFT_BPSK   | 3.91       | 0.00147         | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 532998        | 64@32            | DFT_QPSK   | -0.10      | -0.00004        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 532998        | 1@1              | DFT_QPSK   | 0.05       | 0.00002         | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 532998        | 1@131            | DFT_QPSK   | 1.88       | 0.00071         | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 100                | 509202        | 135@67           | DFT_BPSK   | 3.22       | 0.00126         | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 100                | 509202        | 1@1              | DFT_BPSK   | 2.39       | 0.00094         | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 100                | 509202        | 1@271            | DFT_BPSK   | 6.08       | 0.00239         | -2.5                  | 2.5                    | PASS    |

|     |    |     |        |        |          |       |          |      |     |      |
|-----|----|-----|--------|--------|----------|-------|----------|------|-----|------|
| n41 | 30 | 100 | 509202 | 135@67 | DFT_QPSK | -4.40 | -0.00173 | -2.5 | 2.5 | PASS |
| n41 | 30 | 100 | 509202 | 1@1    | DFT_QPSK | -0.18 | -0.00007 | -2.5 | 2.5 | PASS |
| n41 | 30 | 100 | 509202 | 1@271  | DFT_QPSK | -5.59 | -0.00220 | -2.5 | 2.5 | PASS |
| n41 | 30 | 100 | 518598 | 135@67 | DFT_BPSK | -2.12 | -0.00082 | -2.5 | 2.5 | PASS |
| n41 | 30 | 100 | 518598 | 1@1    | DFT_BPSK | -8.00 | -0.00309 | -2.5 | 2.5 | PASS |
| n41 | 30 | 100 | 518598 | 1@271  | DFT_BPSK | -7.57 | -0.00292 | -2.5 | 2.5 | PASS |
| n41 | 30 | 100 | 518598 | 135@67 | DFT_QPSK | 4.26  | 0.00164  | -2.5 | 2.5 | PASS |
| n41 | 30 | 100 | 518598 | 1@1    | DFT_QPSK | -3.41 | -0.00132 | -2.5 | 2.5 | PASS |
| n41 | 30 | 100 | 518598 | 1@271  | DFT_QPSK | -1.09 | -0.00042 | -2.5 | 2.5 | PASS |
| n41 | 30 | 100 | 528000 | 135@67 | DFT_BPSK | -0.93 | -0.00035 | -2.5 | 2.5 | PASS |
| n41 | 30 | 100 | 528000 | 1@1    | DFT_BPSK | 0.30  | 0.00011  | -2.5 | 2.5 | PASS |
| n41 | 30 | 100 | 528000 | 1@271  | DFT_BPSK | -6.75 | -0.00256 | -2.5 | 2.5 | PASS |
| n41 | 30 | 100 | 528000 | 135@67 | DFT_QPSK | -5.17 | -0.00196 | -2.5 | 2.5 | PASS |
| n41 | 30 | 100 | 528000 | 1@1    | DFT_QPSK | -2.51 | -0.00095 | -2.5 | 2.5 | PASS |
| n41 | 30 | 100 | 528000 | 1@271  | DFT_QPSK | -1.73 | -0.00066 | -2.5 | 2.5 | PASS |

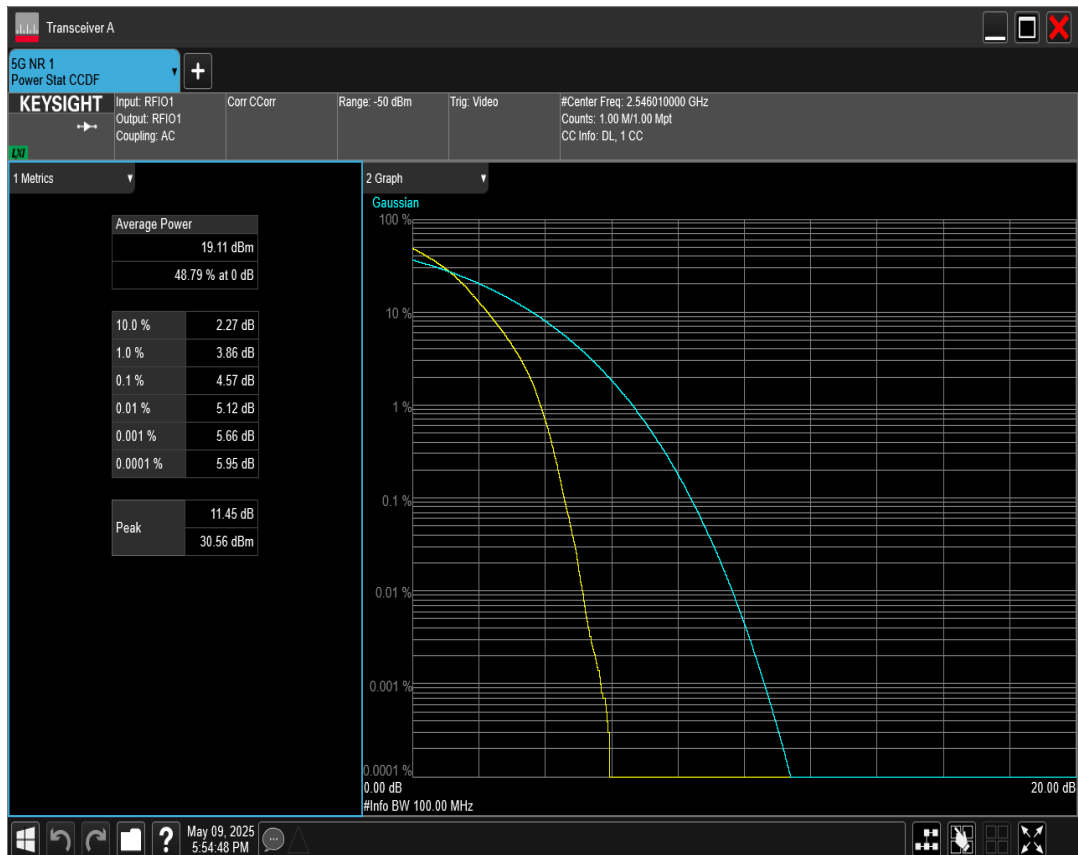
### 3 Peak-to-Average Ratio for EN-DC

| <i>Band</i> | <i>SCS<br/>(kHz)</i> | <i>Bandwidth<br/>(MHz)</i> | <i>UL<br/>Channel</i> | <i>RB<br/>Allocation</i> | <i>Modulation</i> | <i>Result<br/>(dB)</i> | <i>high<br/>Limit<br/>(dB)</i> | <i>Verdict</i> |
|-------------|----------------------|----------------------------|-----------------------|--------------------------|-------------------|------------------------|--------------------------------|----------------|
| n41         | 30                   | 20                         | 501204                | 50@0                     | DFT_BPSK          | 4.66                   | 13                             | PASS           |
| n41         | 30                   | 20                         | 501204                | 50@0                     | DFT_QPSK          | 5.52                   | 13                             | PASS           |
| n41         | 30                   | 20                         | 501204                | 50@0                     | DFT_QAM16         | 5.98                   | 13                             | PASS           |
| n41         | 30                   | 20                         | 501204                | 50@0                     | DFT_QAM64         | 6.28                   | 13                             | PASS           |
| n41         | 30                   | 20                         | 501204                | 50@0                     | DFT_QAM256        | 6.88                   | 13                             | PASS           |
| n41         | 30                   | 20                         | 518598                | 50@0                     | DFT_BPSK          | 4.26                   | 13                             | PASS           |
| n41         | 30                   | 20                         | 518598                | 50@0                     | DFT_QPSK          | 5.60                   | 13                             | PASS           |
| n41         | 30                   | 20                         | 518598                | 50@0                     | DFT_QAM16         | 6.14                   | 13                             | PASS           |
| n41         | 30                   | 20                         | 518598                | 50@0                     | DFT_QAM64         | 6.66                   | 13                             | PASS           |
| n41         | 30                   | 20                         | 518598                | 50@0                     | DFT_QAM256        | 6.95                   | 13                             | PASS           |
| n41         | 30                   | 20                         | 535998                | 50@0                     | DFT_BPSK          | 4.50                   | 13                             | PASS           |
| n41         | 30                   | 20                         | 535998                | 50@0                     | DFT_QPSK          | 5.71                   | 13                             | PASS           |
| n41         | 30                   | 20                         | 535998                | 50@0                     | DFT_QAM16         | 6.11                   | 13                             | PASS           |
| n41         | 30                   | 20                         | 535998                | 50@0                     | DFT_QAM64         | 6.64                   | 13                             | PASS           |
| n41         | 30                   | 20                         | 535998                | 50@0                     | DFT_QAM256        | 7.01                   | 13                             | PASS           |
| n41         | 30                   | 40                         | 503202                | 100@0                    | DFT_BPSK          | 4.65                   | 13                             | PASS           |
| n41         | 30                   | 40                         | 503202                | 100@0                    | DFT_QPSK          | 5.41                   | 13                             | PASS           |
| n41         | 30                   | 40                         | 503202                | 100@0                    | DFT_QAM16         | 6.32                   | 13                             | PASS           |
| n41         | 30                   | 40                         | 503202                | 100@0                    | DFT_QAM64         | 6.61                   | 13                             | PASS           |
| n41         | 30                   | 40                         | 503202                | 100@0                    | DFT_QAM256        | 6.74                   | 13                             | PASS           |
| n41         | 30                   | 40                         | 518598                | 100@0                    | DFT_BPSK          | 4.15                   | 13                             | PASS           |
| n41         | 30                   | 40                         | 518598                | 100@0                    | DFT_QPSK          | 5.42                   | 13                             | PASS           |
| n41         | 30                   | 40                         | 518598                | 100@0                    | DFT_QAM16         | 6.17                   | 13                             | PASS           |
| n41         | 30                   | 40                         | 518598                | 100@0                    | DFT_QAM64         | 6.41                   | 13                             | PASS           |
| n41         | 30                   | 40                         | 518598                | 100@0                    | DFT_QAM256        | 7.00                   | 13                             | PASS           |
| n41         | 30                   | 40                         | 534000                | 100@0                    | DFT_BPSK          | 4.14                   | 13                             | PASS           |
| n41         | 30                   | 40                         | 534000                | 100@0                    | DFT_QPSK          | 5.47                   | 13                             | PASS           |
| n41         | 30                   | 40                         | 534000                | 100@0                    | DFT_QAM16         | 6.11                   | 13                             | PASS           |
| n41         | 30                   | 40                         | 534000                | 100@0                    | DFT_QAM64         | 6.66                   | 13                             | PASS           |
| n41         | 30                   | 40                         | 534000                | 100@0                    | DFT_QAM256        | 6.94                   | 13                             | PASS           |
| n41         | 30                   | 50                         | 504204                | 128@0                    | DFT_BPSK          | 4.35                   | 13                             | PASS           |
| n41         | 30                   | 50                         | 504204                | 128@0                    | DFT_QPSK          | 5.87                   | 13                             | PASS           |
| n41         | 30                   | 50                         | 504204                | 128@0                    | DFT_QAM16         | 6.61                   | 13                             | PASS           |
| n41         | 30                   | 50                         | 504204                | 128@0                    | DFT_QAM64         | 6.67                   | 13                             | PASS           |
| n41         | 30                   | 50                         | 504204                | 128@0                    | DFT_QAM256        | 6.94                   | 13                             | PASS           |
| n41         | 30                   | 50                         | 518598                | 128@0                    | DFT_BPSK          | 4.25                   | 13                             | PASS           |
| n41         | 30                   | 50                         | 518598                | 128@0                    | DFT_QPSK          | 5.73                   | 13                             | PASS           |
| n41         | 30                   | 50                         | 518598                | 128@0                    | DFT_QAM16         | 6.51                   | 13                             | PASS           |
| n41         | 30                   | 50                         | 518598                | 128@0                    | DFT_QAM64         | 6.49                   | 13                             | PASS           |

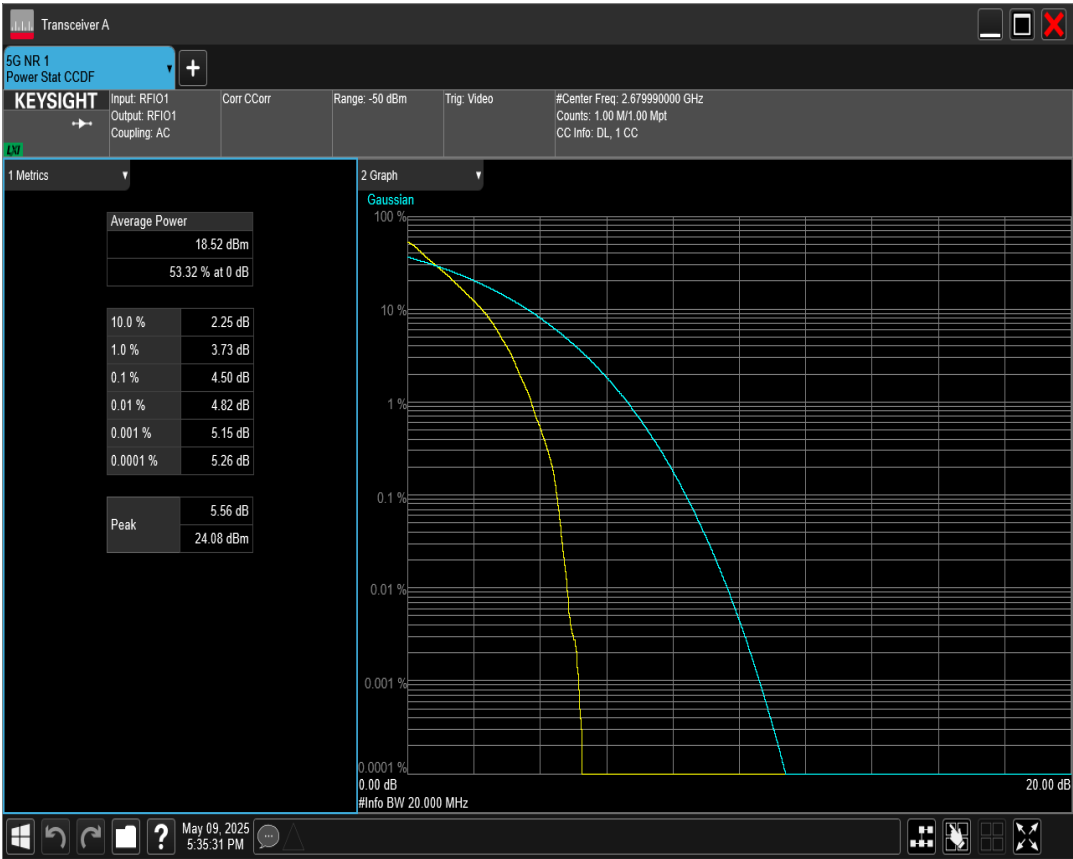
|     |    |    |        |       |            |      |    |      |
|-----|----|----|--------|-------|------------|------|----|------|
| n41 | 30 | 50 | 518598 | 128@0 | DFT_QAM256 | 6.84 | 13 | PASS |
| n41 | 30 | 50 | 532998 | 128@0 | DFT_BPSK   | 4.70 | 13 | PASS |
| n41 | 30 | 50 | 532998 | 128@0 | DFT_QPSK   | 5.44 | 13 | PASS |
| n41 | 30 | 50 | 532998 | 128@0 | DFT_QAM16  | 6.14 | 13 | PASS |
| n41 | 30 | 50 | 532998 | 128@0 | DFT_QAM64  | 6.47 | 13 | PASS |
| n41 | 30 | 50 | 532998 | 128@0 | DFT_QAM256 | 6.81 | 13 | PASS |
| n41 | 30 | 60 | 505200 | 162@0 | DFT_BPSK   | 4.34 | 13 | PASS |
| n41 | 30 | 60 | 505200 | 162@0 | DFT_QPSK   | 5.63 | 13 | PASS |
| n41 | 30 | 60 | 505200 | 162@0 | DFT_QAM16  | 6.54 | 13 | PASS |
| n41 | 30 | 60 | 505200 | 162@0 | DFT_QAM64  | 6.90 | 13 | PASS |
| n41 | 30 | 60 | 505200 | 162@0 | DFT_QAM256 | 6.99 | 13 | PASS |
| n41 | 30 | 60 | 518598 | 162@0 | DFT_BPSK   | 4.37 | 13 | PASS |
| n41 | 30 | 60 | 518598 | 162@0 | DFT_QPSK   | 5.41 | 13 | PASS |
| n41 | 30 | 60 | 518598 | 162@0 | DFT_QAM16  | 6.22 | 13 | PASS |
| n41 | 30 | 60 | 518598 | 162@0 | DFT_QAM64  | 6.86 | 13 | PASS |
| n41 | 30 | 60 | 518598 | 162@0 | DFT_QAM256 | 7.22 | 13 | PASS |
| n41 | 30 | 60 | 531996 | 162@0 | DFT_BPSK   | 4.57 | 13 | PASS |
| n41 | 30 | 60 | 531996 | 162@0 | DFT_QPSK   | 5.58 | 13 | PASS |
| n41 | 30 | 60 | 531996 | 162@0 | DFT_QAM16  | 6.41 | 13 | PASS |
| n41 | 30 | 60 | 531996 | 162@0 | DFT_QAM64  | 6.39 | 13 | PASS |
| n41 | 30 | 60 | 531996 | 162@0 | DFT_QAM256 | 6.89 | 13 | PASS |
| n41 | 30 | 80 | 507204 | 216@0 | DFT_BPSK   | 4.22 | 13 | PASS |
| n41 | 30 | 80 | 507204 | 216@0 | DFT_QPSK   | 5.70 | 13 | PASS |
| n41 | 30 | 80 | 507204 | 216@0 | DFT_QAM16  | 6.43 | 13 | PASS |
| n41 | 30 | 80 | 507204 | 216@0 | DFT_QAM64  | 6.84 | 13 | PASS |
| n41 | 30 | 80 | 507204 | 216@0 | DFT_QAM256 | 6.86 | 13 | PASS |
| n41 | 30 | 80 | 518598 | 216@0 | DFT_BPSK   | 4.61 | 13 | PASS |
| n41 | 30 | 80 | 518598 | 216@0 | DFT_QPSK   | 6.05 | 13 | PASS |
| n41 | 30 | 80 | 518598 | 216@0 | DFT_QAM16  | 6.78 | 13 | PASS |
| n41 | 30 | 80 | 518598 | 216@0 | DFT_QAM64  | 6.70 | 13 | PASS |
| n41 | 30 | 80 | 518598 | 216@0 | DFT_QAM256 | 7.54 | 13 | PASS |
| n41 | 30 | 80 | 529998 | 216@0 | DFT_BPSK   | 4.23 | 13 | PASS |
| n41 | 30 | 80 | 529998 | 216@0 | DFT_QPSK   | 5.32 | 13 | PASS |
| n41 | 30 | 80 | 529998 | 216@0 | DFT_QAM16  | 6.24 | 13 | PASS |
| n41 | 30 | 80 | 529998 | 216@0 | DFT_QAM64  | 6.66 | 13 | PASS |
| n41 | 30 | 80 | 529998 | 216@0 | DFT_QAM256 | 6.87 | 13 | PASS |
| n41 | 30 | 90 | 508200 | 240@0 | DFT_BPSK   | 4.14 | 13 | PASS |
| n41 | 30 | 90 | 508200 | 240@0 | DFT_QPSK   | 5.71 | 13 | PASS |
| n41 | 30 | 90 | 508200 | 240@0 | DFT_QAM16  | 6.52 | 13 | PASS |
| n41 | 30 | 90 | 508200 | 240@0 | DFT_QAM64  | 6.54 | 13 | PASS |
| n41 | 30 | 90 | 508200 | 240@0 | DFT_QAM256 | 6.90 | 13 | PASS |
| n41 | 30 | 90 | 518598 | 240@0 | DFT_BPSK   | 5.03 | 13 | PASS |
| n41 | 30 | 90 | 518598 | 240@0 | DFT_QPSK   | 5.75 | 13 | PASS |
| n41 | 30 | 90 | 518598 | 240@0 | DFT_QAM16  | 6.19 | 13 | PASS |

|     |    |     |        |       |            |      |    |      |
|-----|----|-----|--------|-------|------------|------|----|------|
| n41 | 30 | 90  | 518598 | 240@0 | DFT_QAM64  | 6.71 | 13 | PASS |
| n41 | 30 | 90  | 518598 | 240@0 | DFT_QAM256 | 6.80 | 13 | PASS |
| n41 | 30 | 90  | 528996 | 240@0 | DFT_BPSK   | 4.02 | 13 | PASS |
| n41 | 30 | 90  | 528996 | 240@0 | DFT_QPSK   | 5.77 | 13 | PASS |
| n41 | 30 | 90  | 528996 | 240@0 | DFT_QAM16  | 6.32 | 13 | PASS |
| n41 | 30 | 90  | 528996 | 240@0 | DFT_QAM64  | 6.86 | 13 | PASS |
| n41 | 30 | 90  | 528996 | 240@0 | DFT_QAM256 | 7.11 | 13 | PASS |
| n41 | 30 | 100 | 509202 | 270@0 | DFT_BPSK   | 4.57 | 13 | PASS |
| n41 | 30 | 100 | 509202 | 270@0 | DFT_QPSK   | 5.88 | 13 | PASS |
| n41 | 30 | 100 | 509202 | 270@0 | DFT_QAM16  | 6.55 | 13 | PASS |
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| n41 | 30 | 100 | 528000 | 270@0 | DFT_QAM64  | 6.69 | 13 | PASS |
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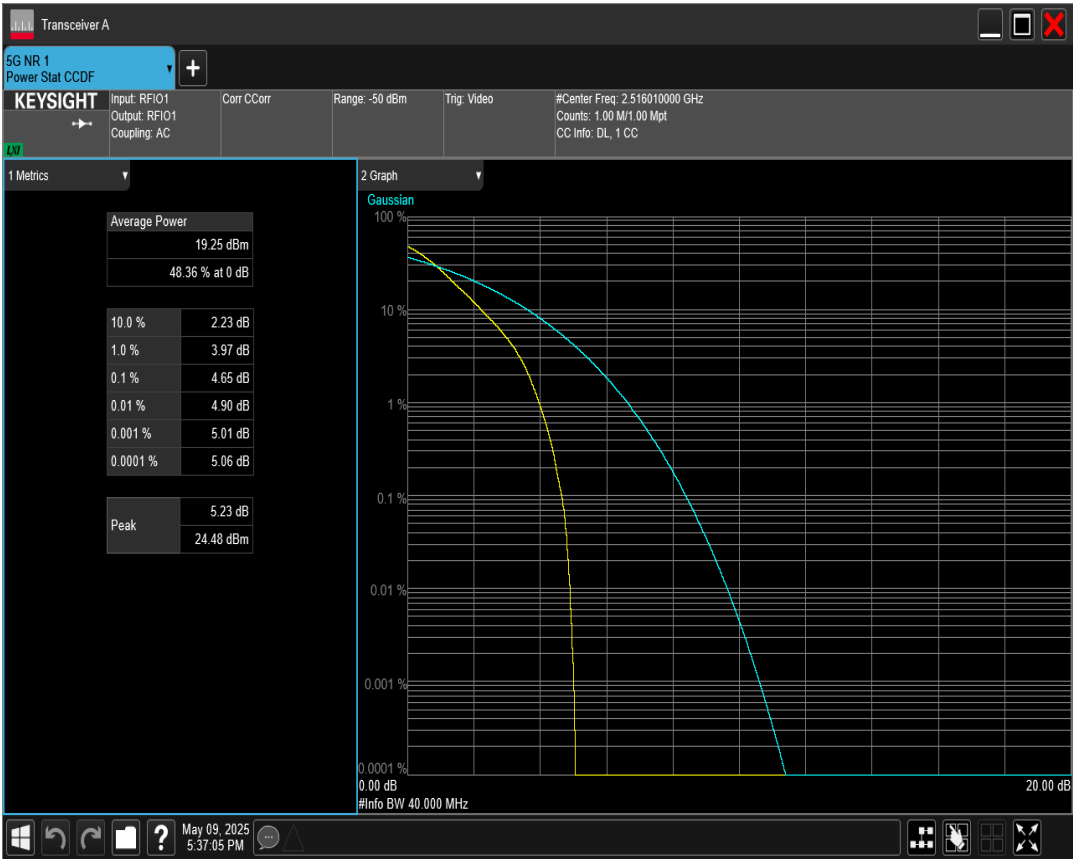
**n41 SCS=30kHz DFT\_BPSK BW=100MHz Channel=509202 RB=270@0**



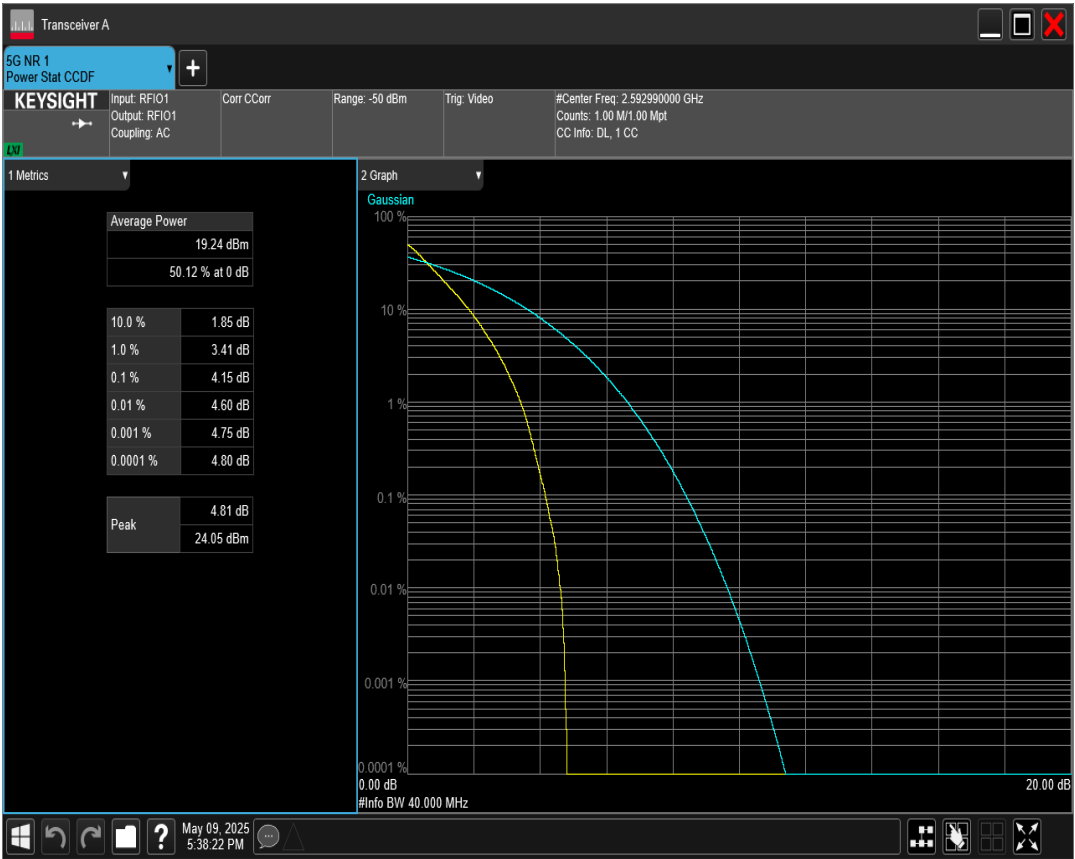
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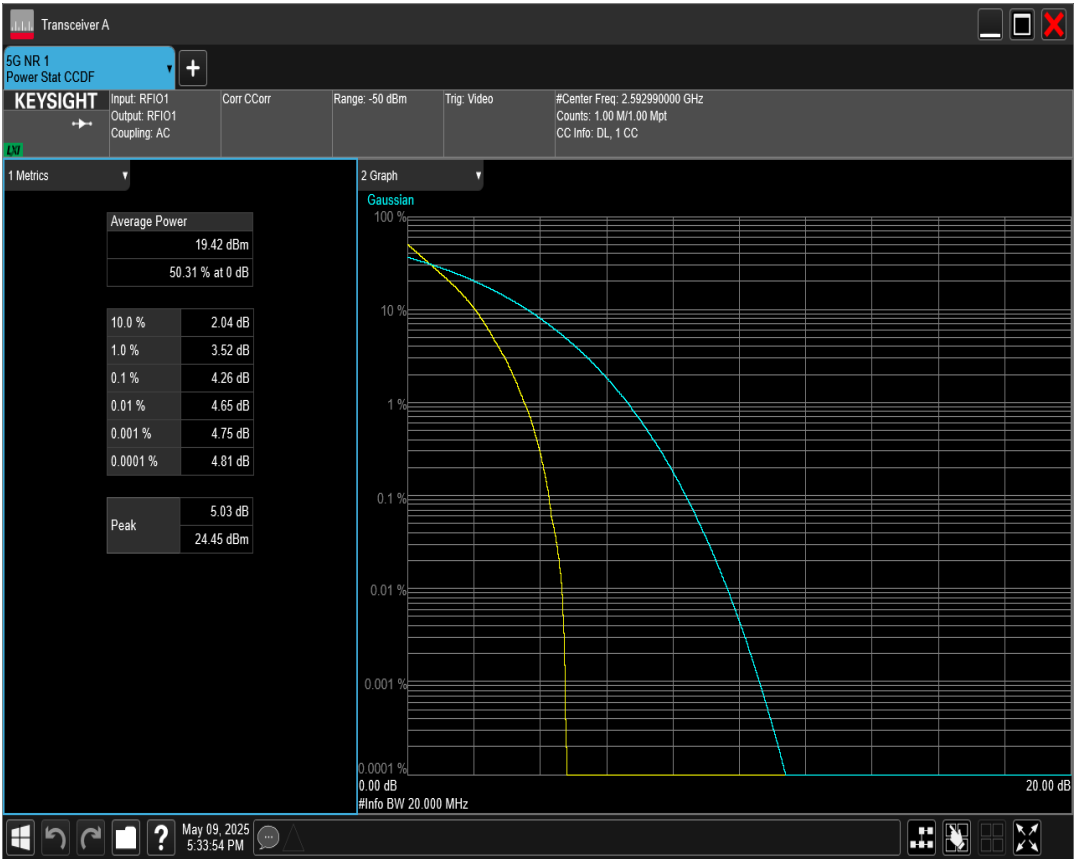
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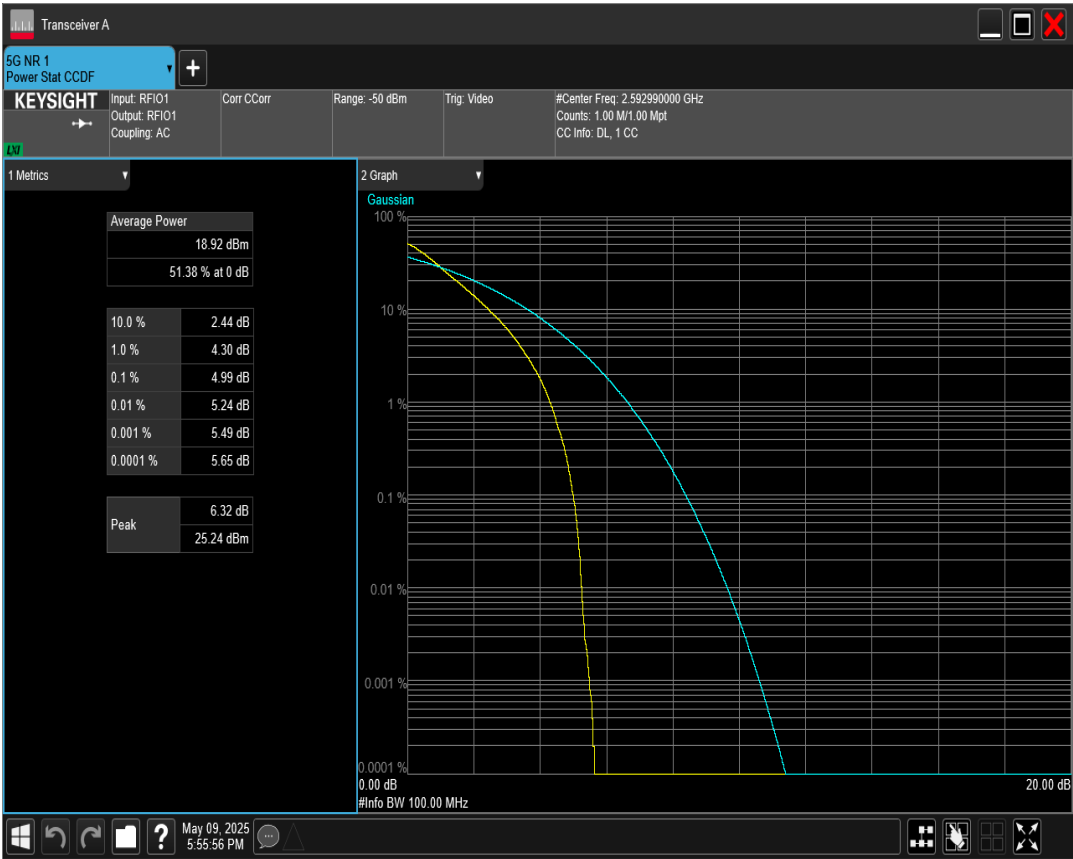
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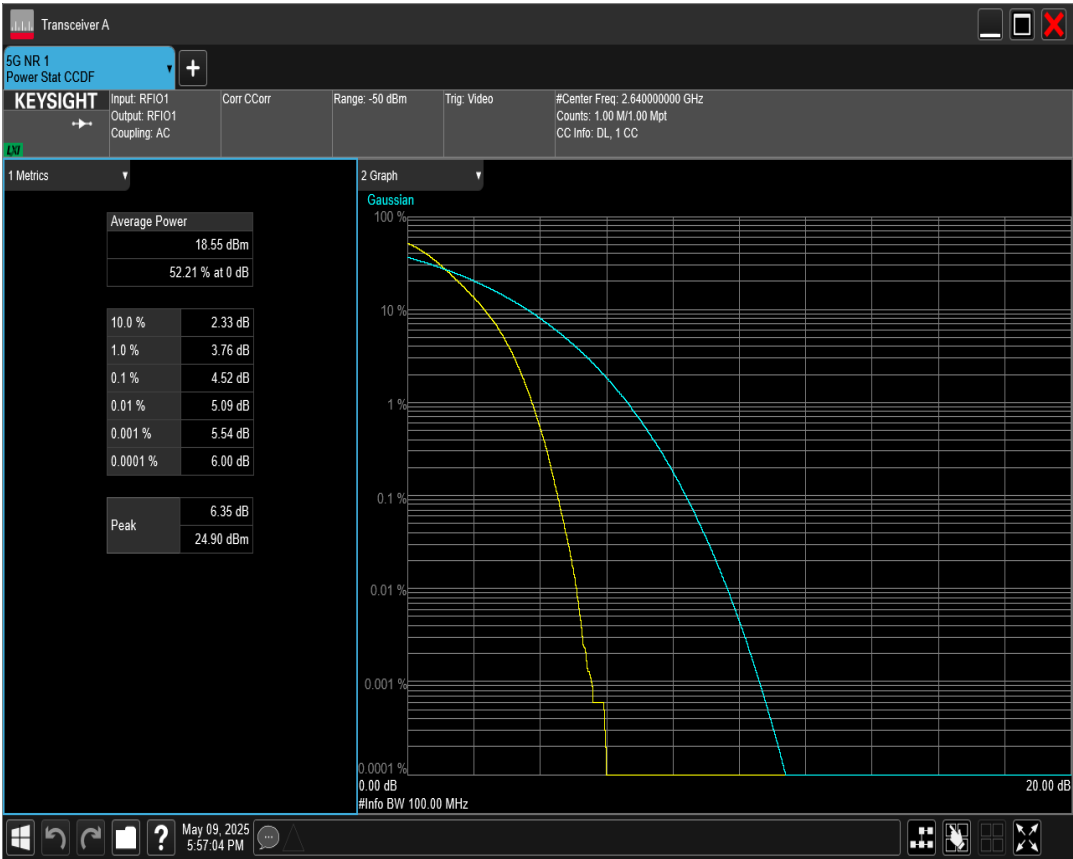
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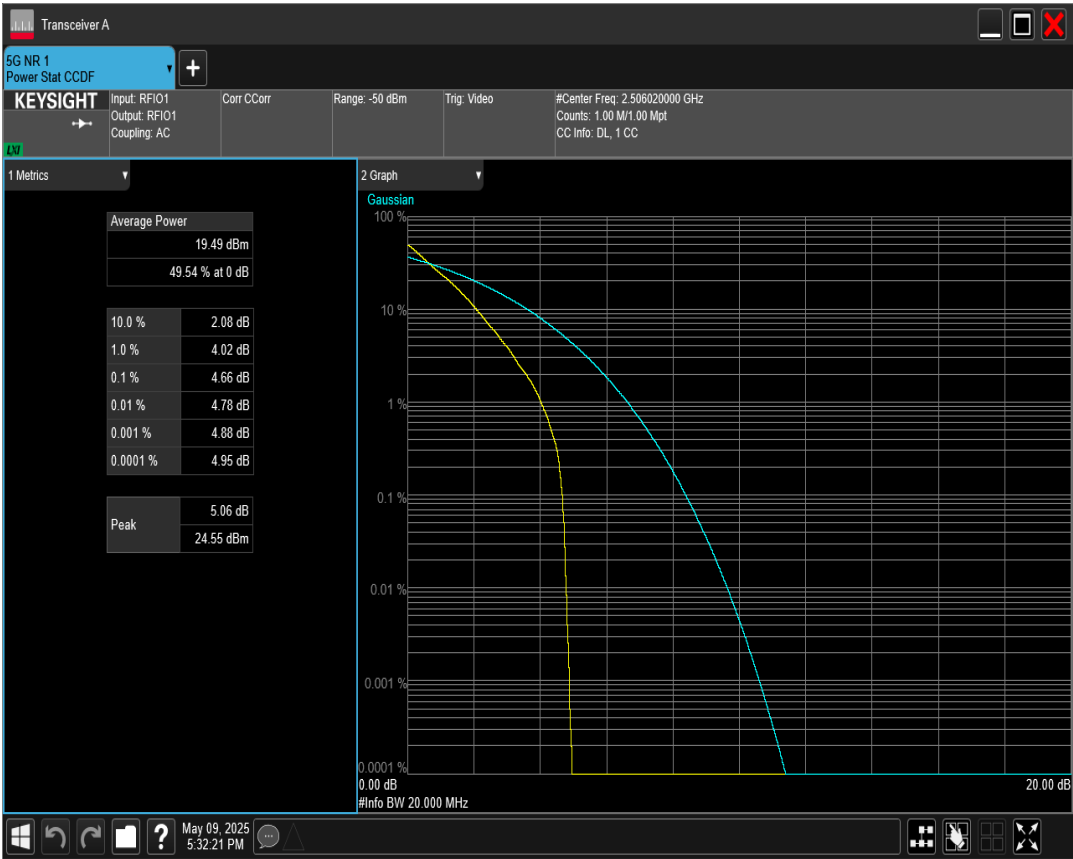
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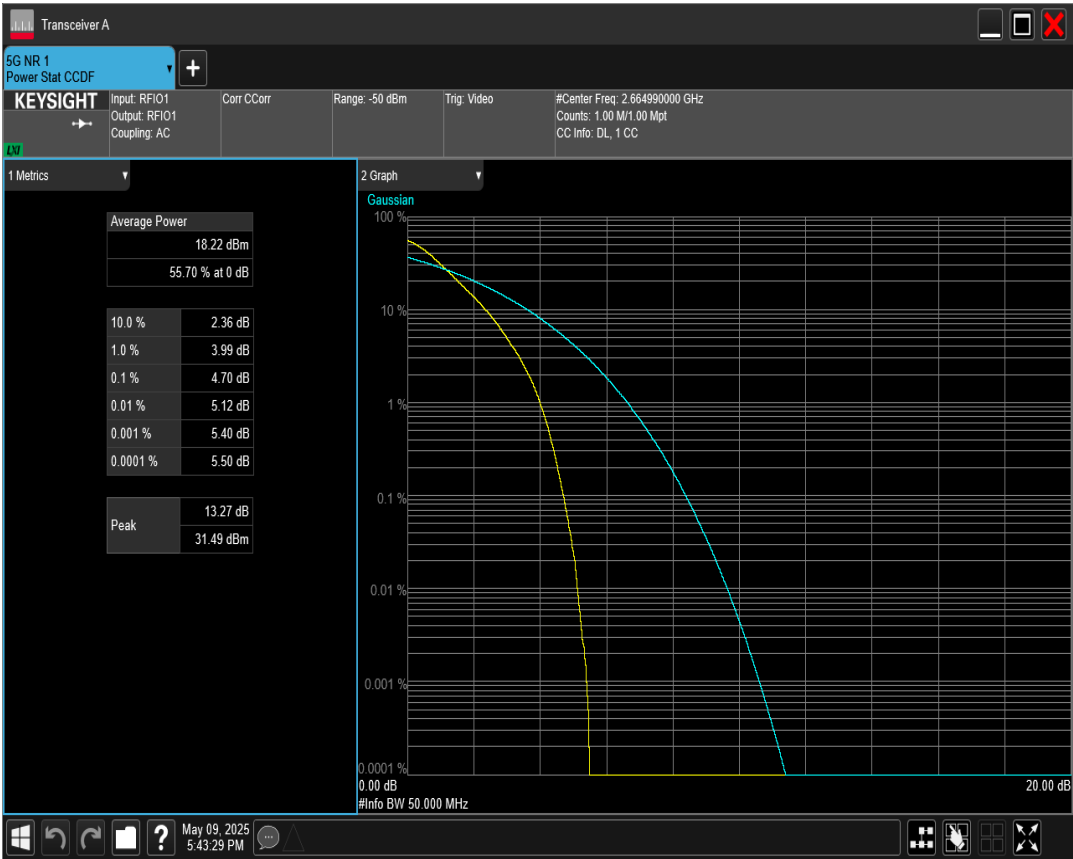
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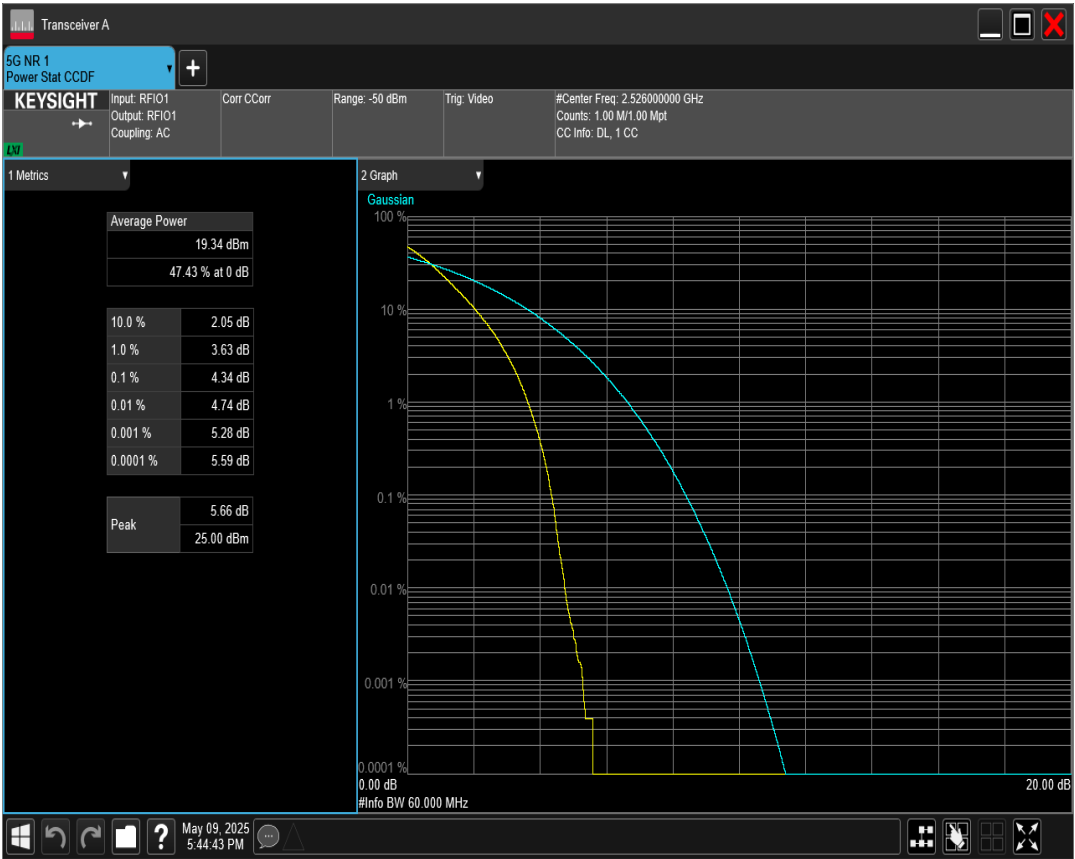
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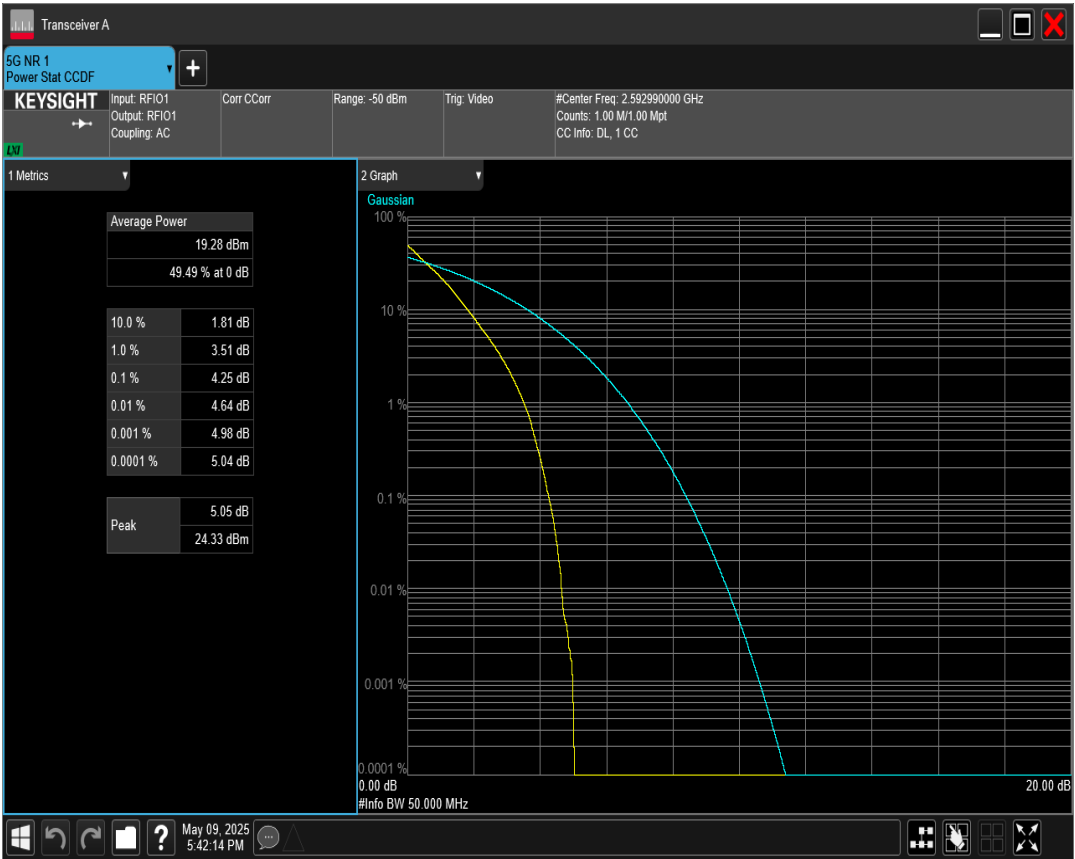
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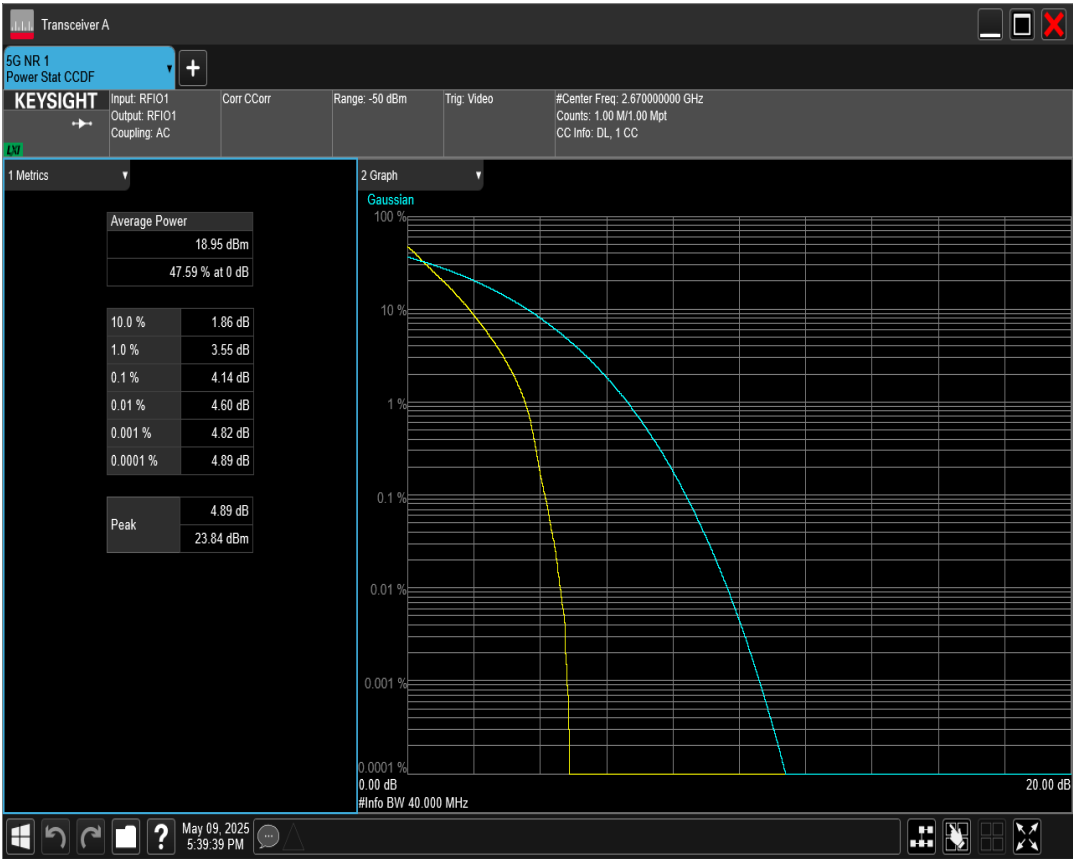
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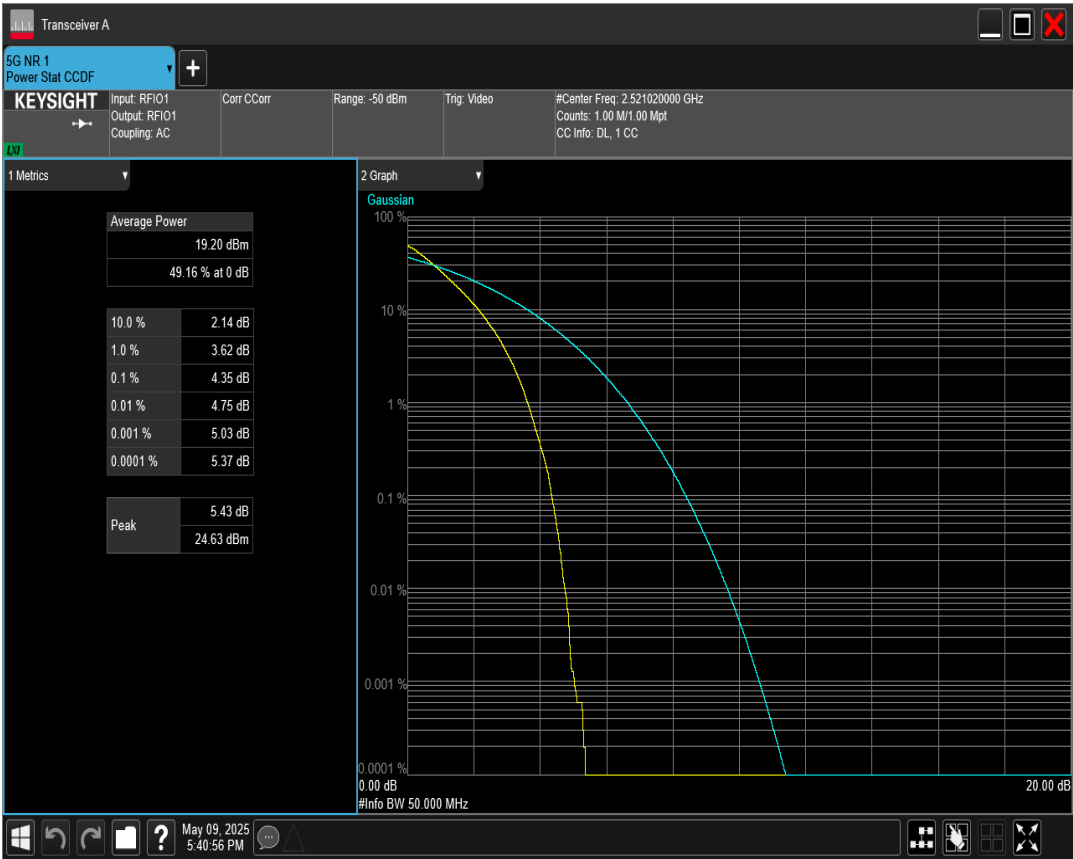
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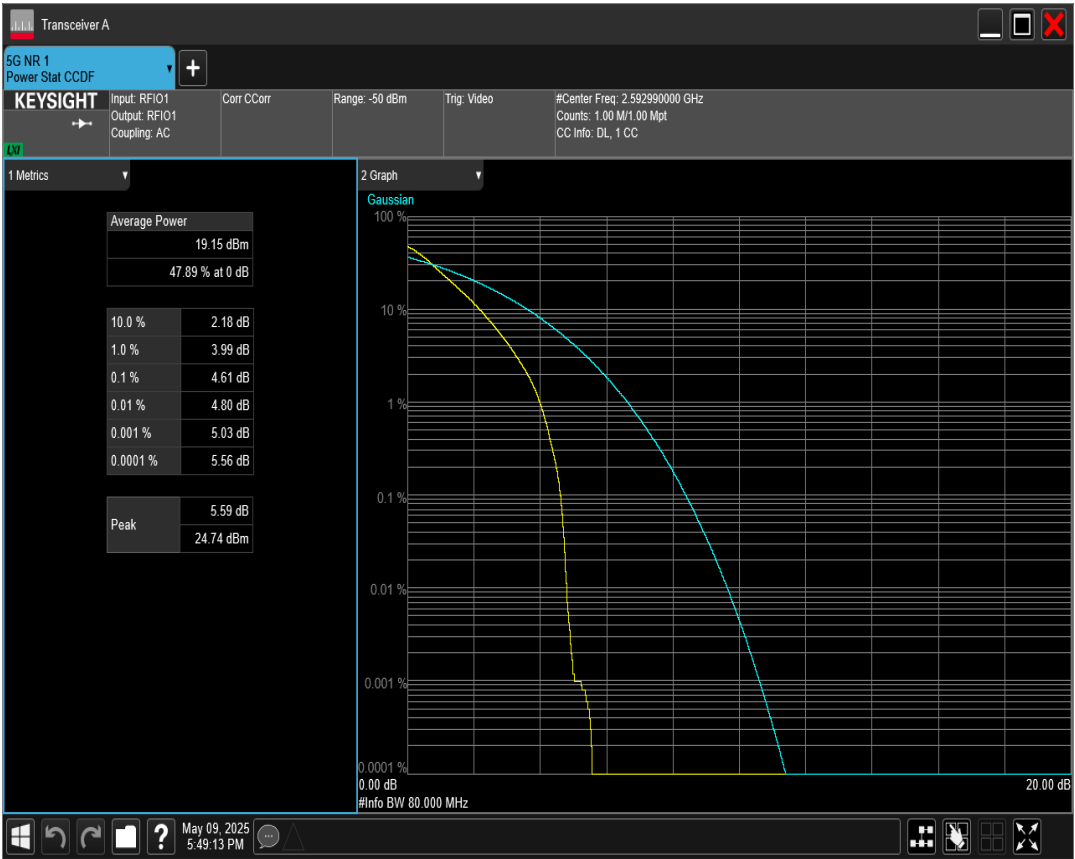
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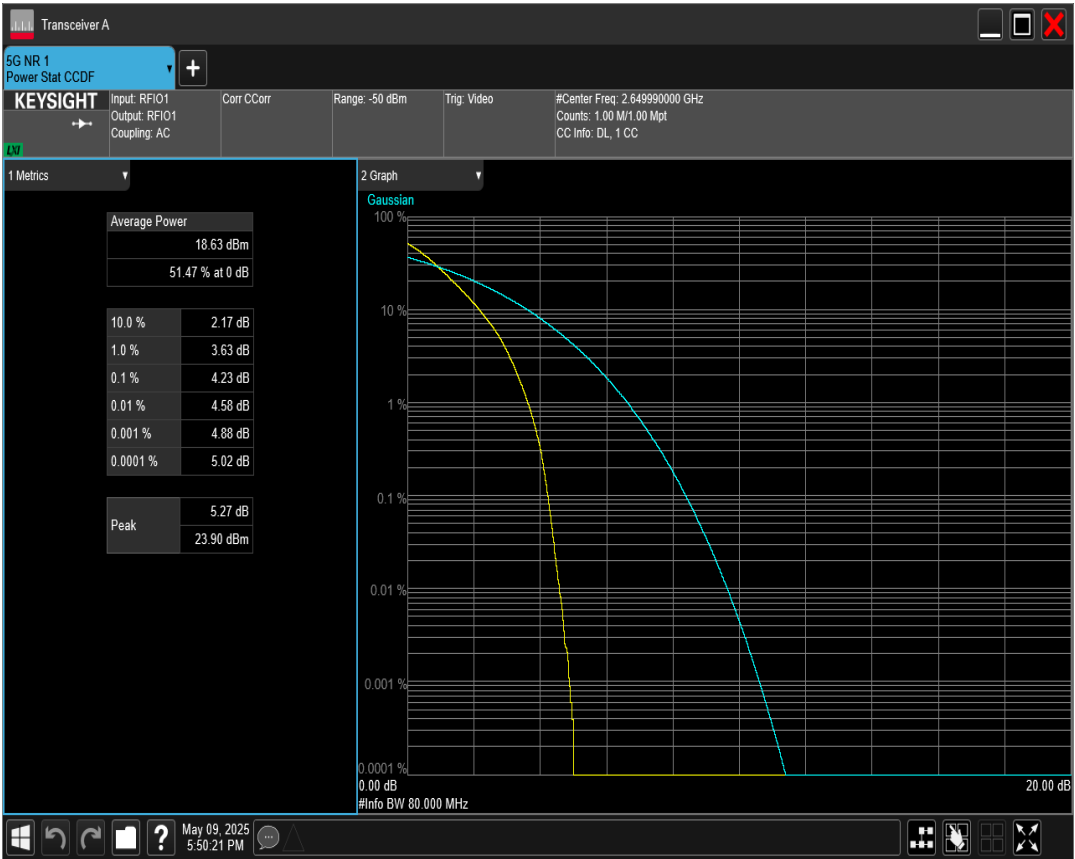
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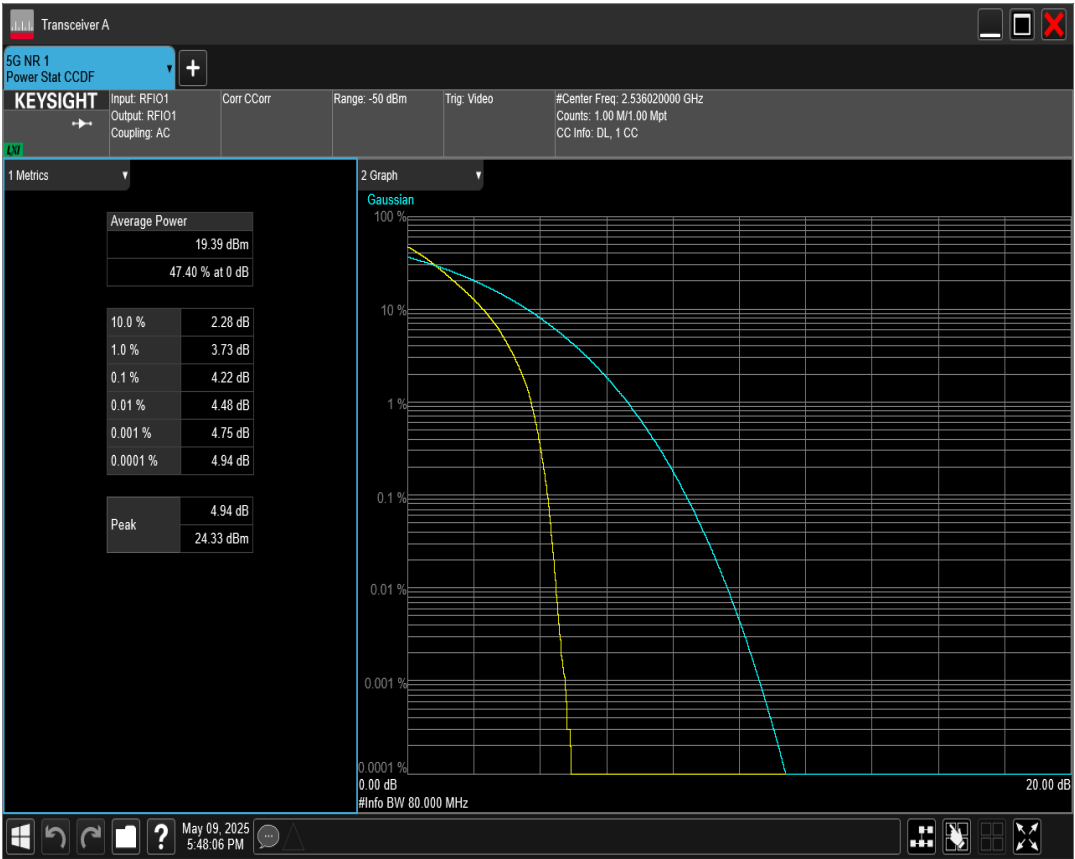
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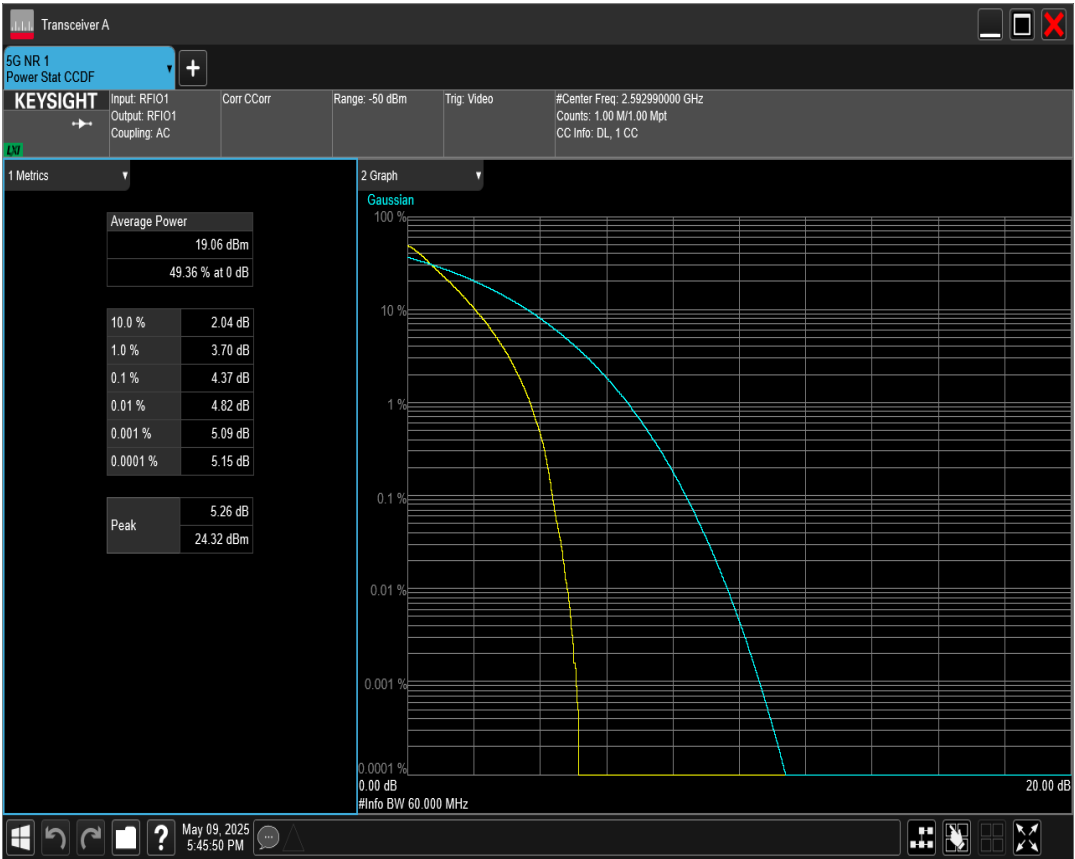
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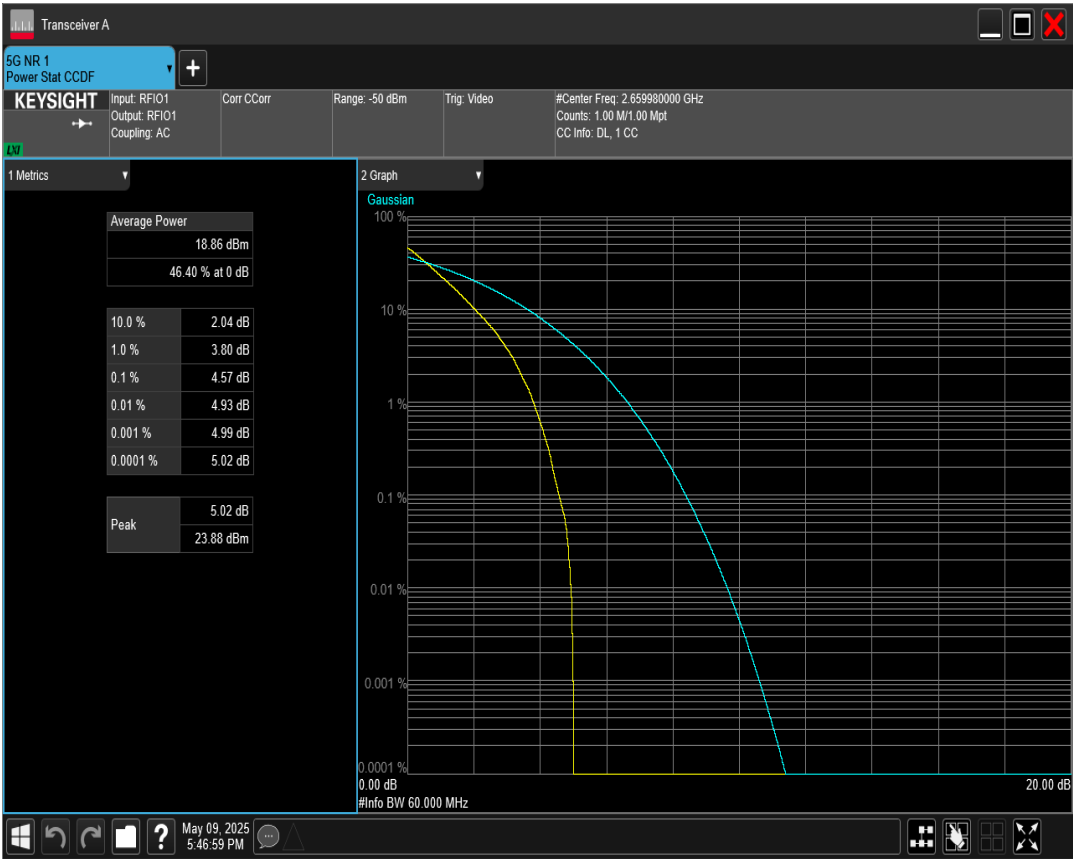
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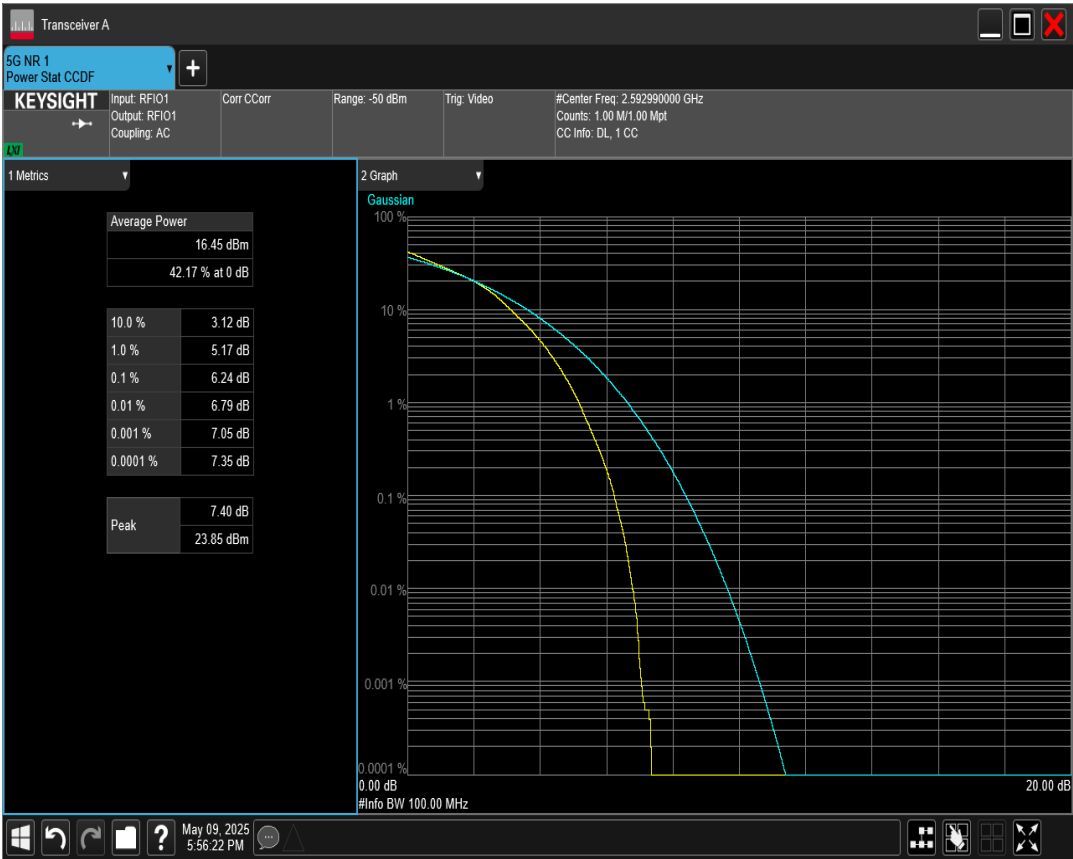
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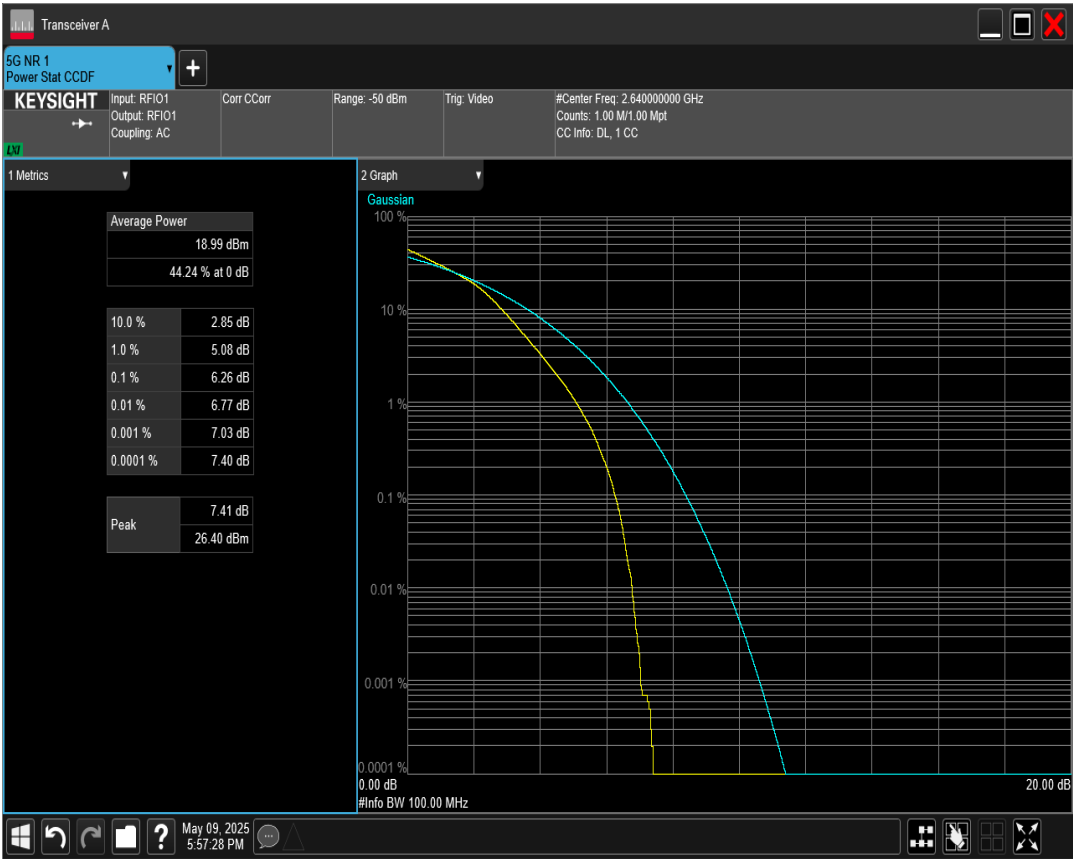
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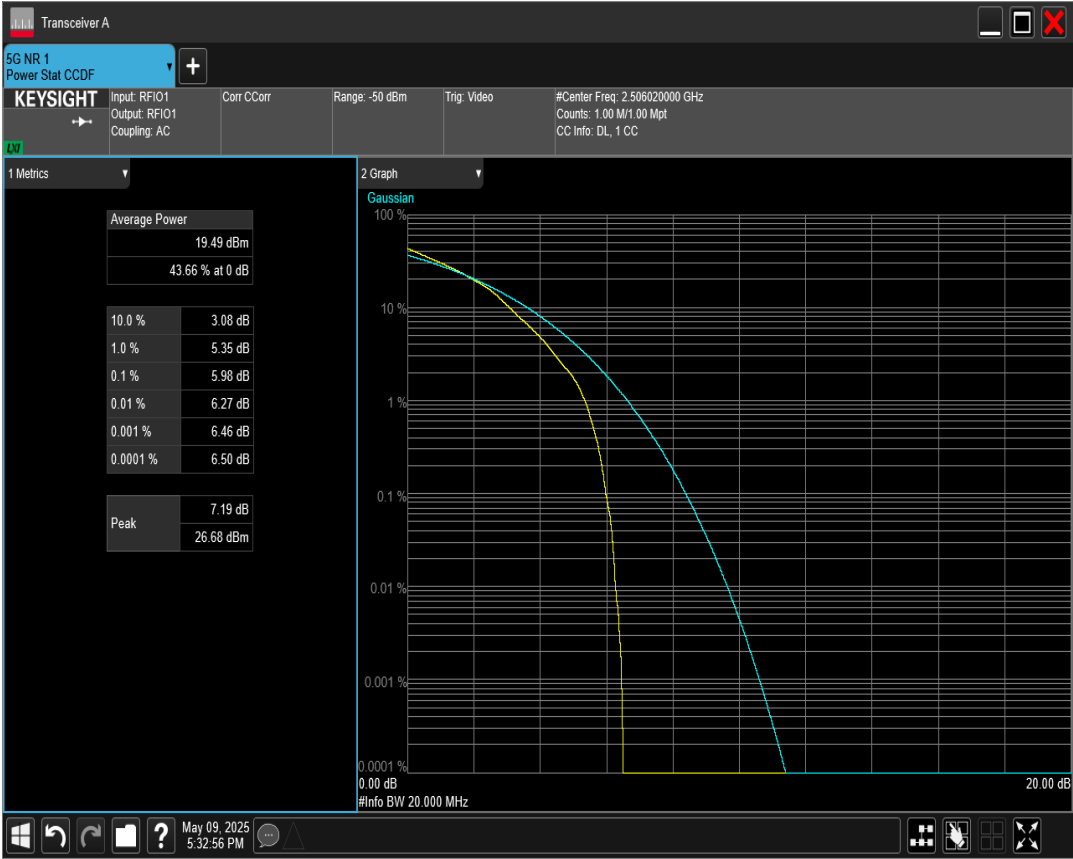
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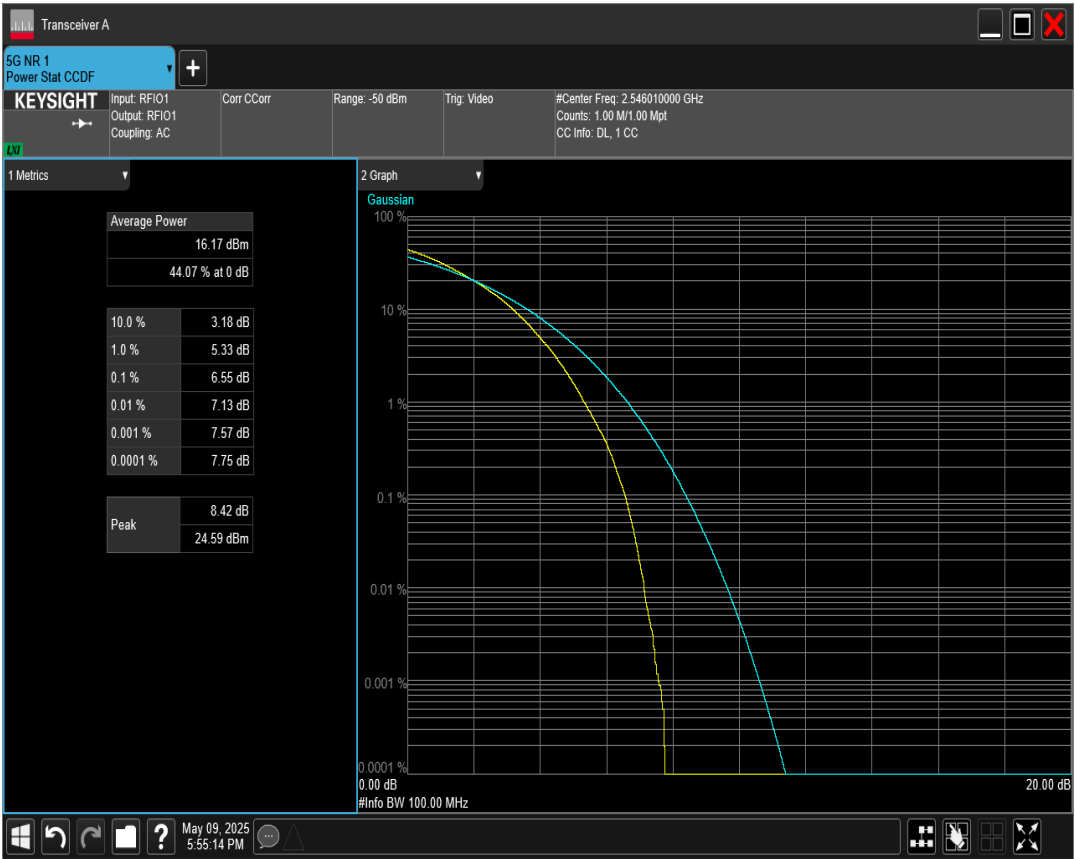
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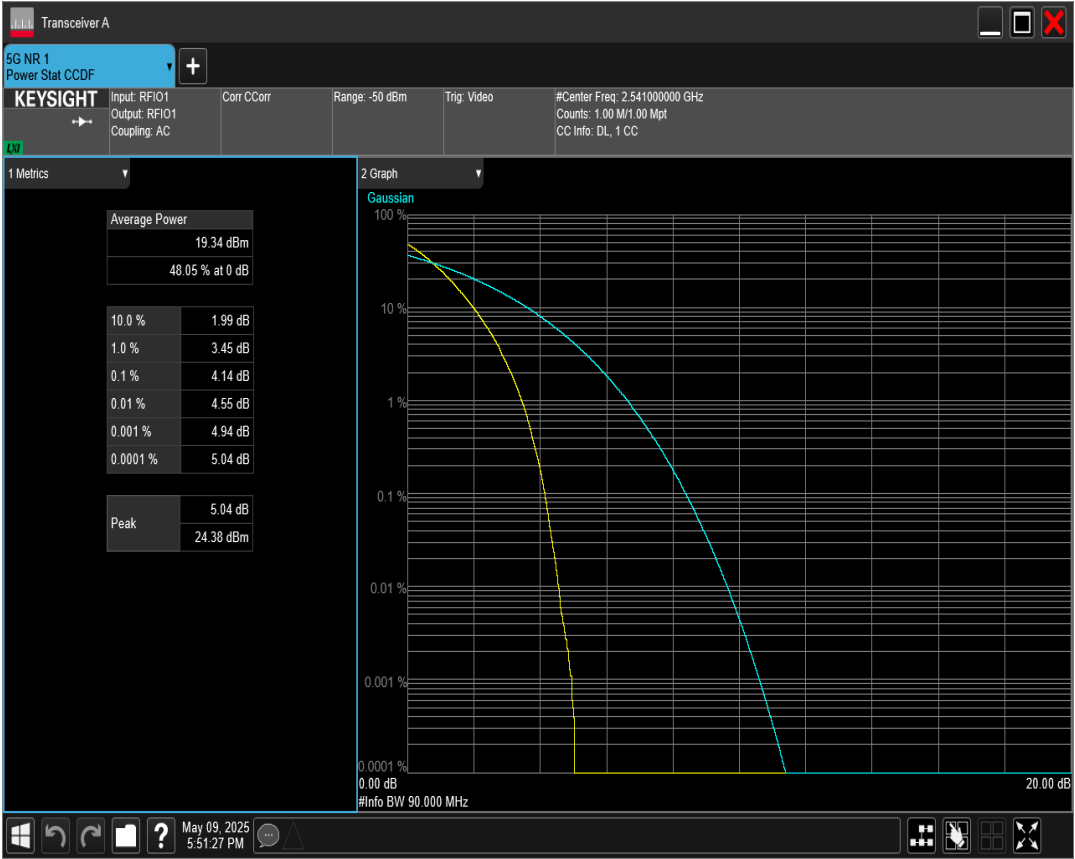
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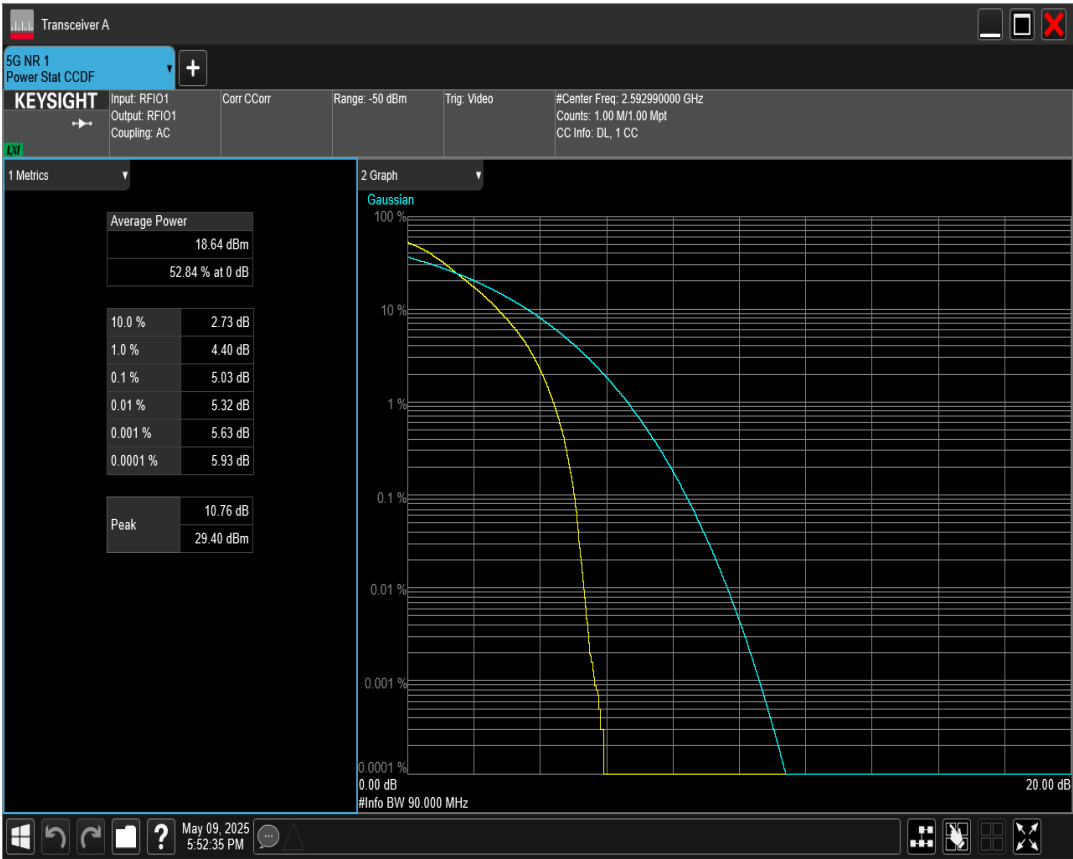
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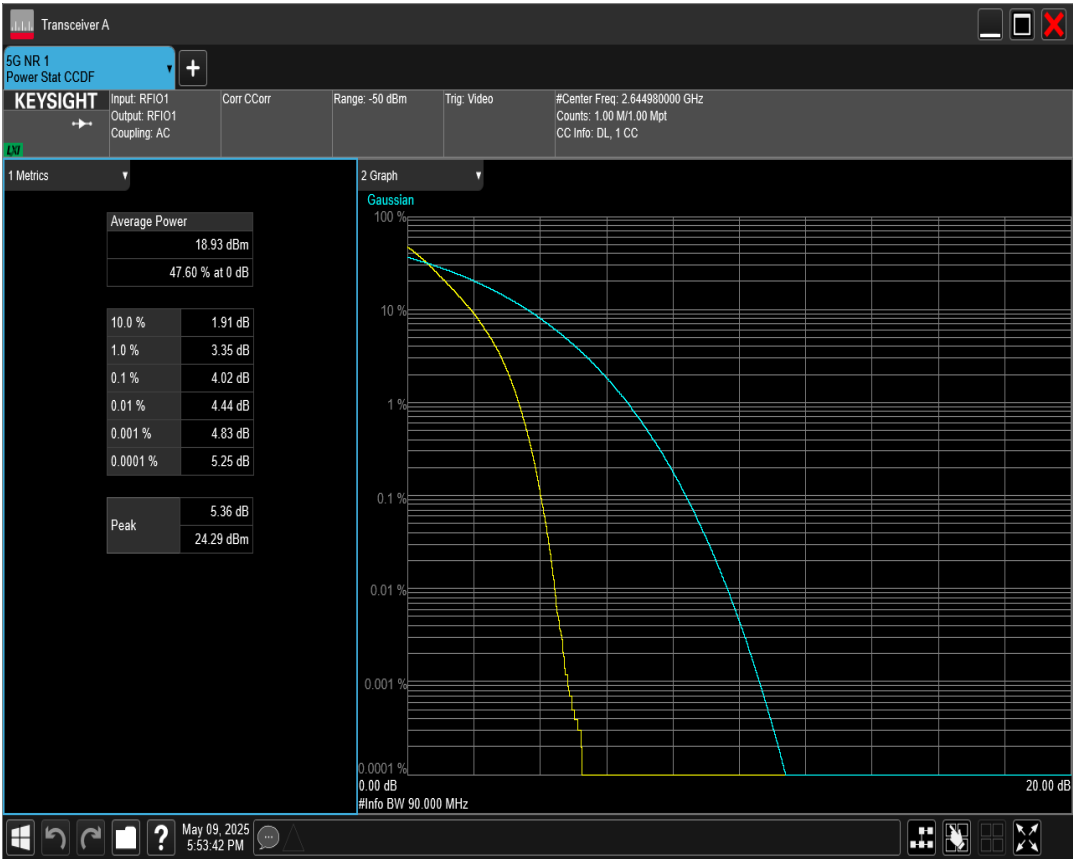
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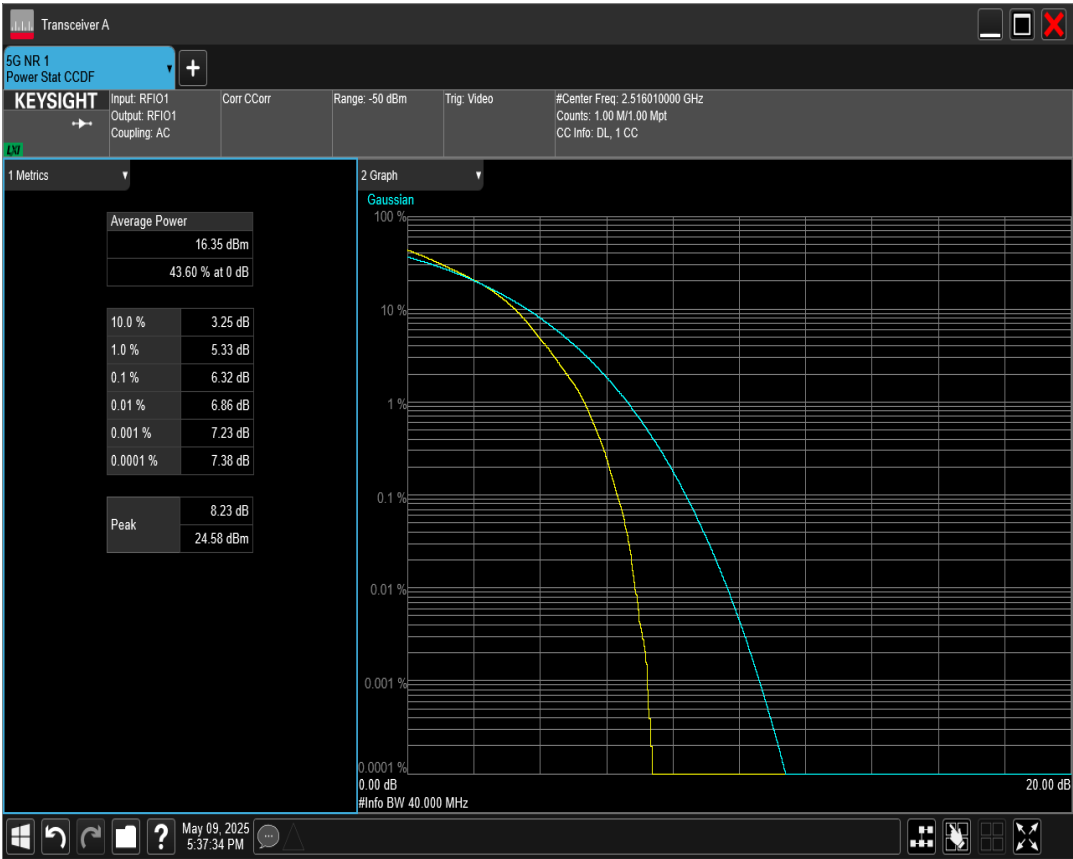
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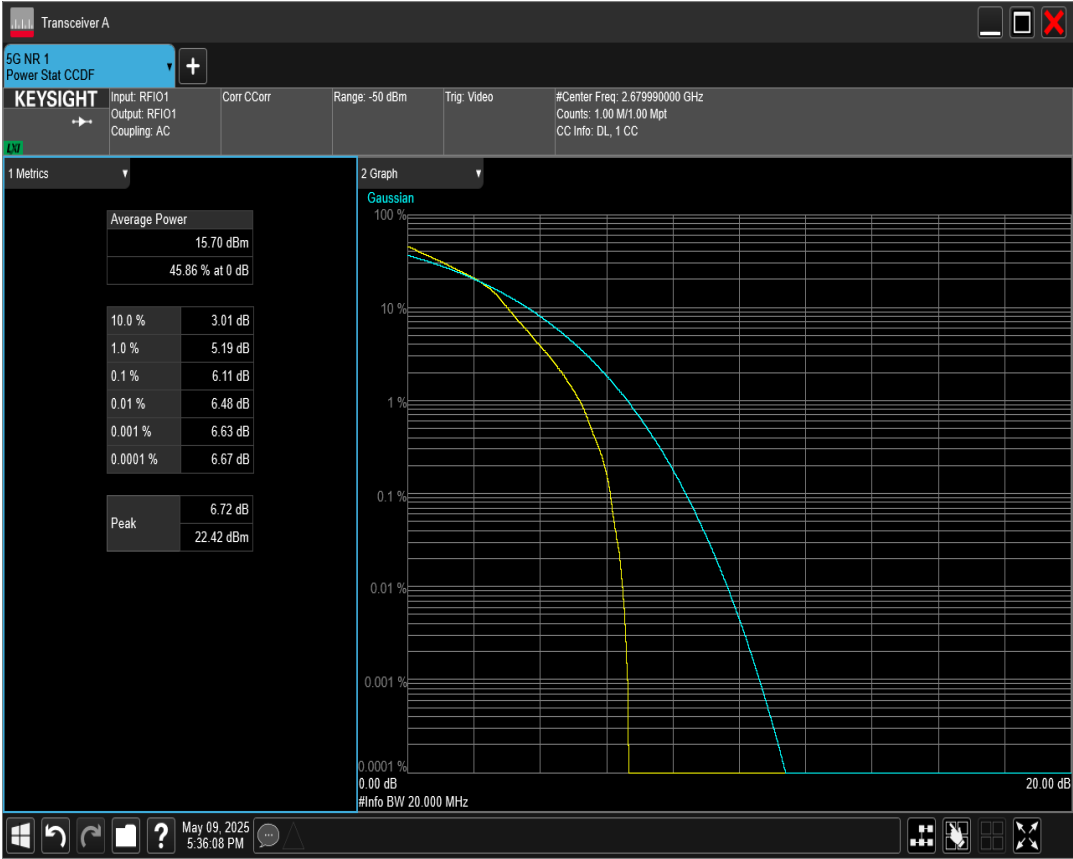
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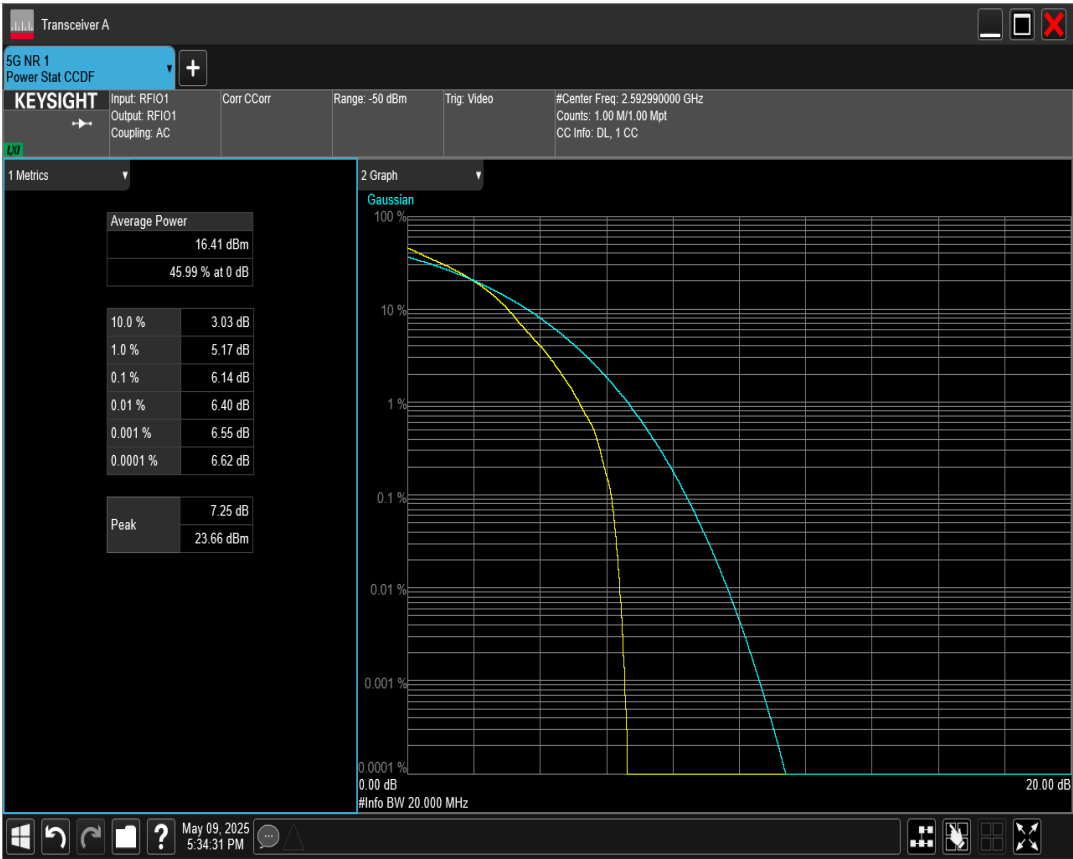
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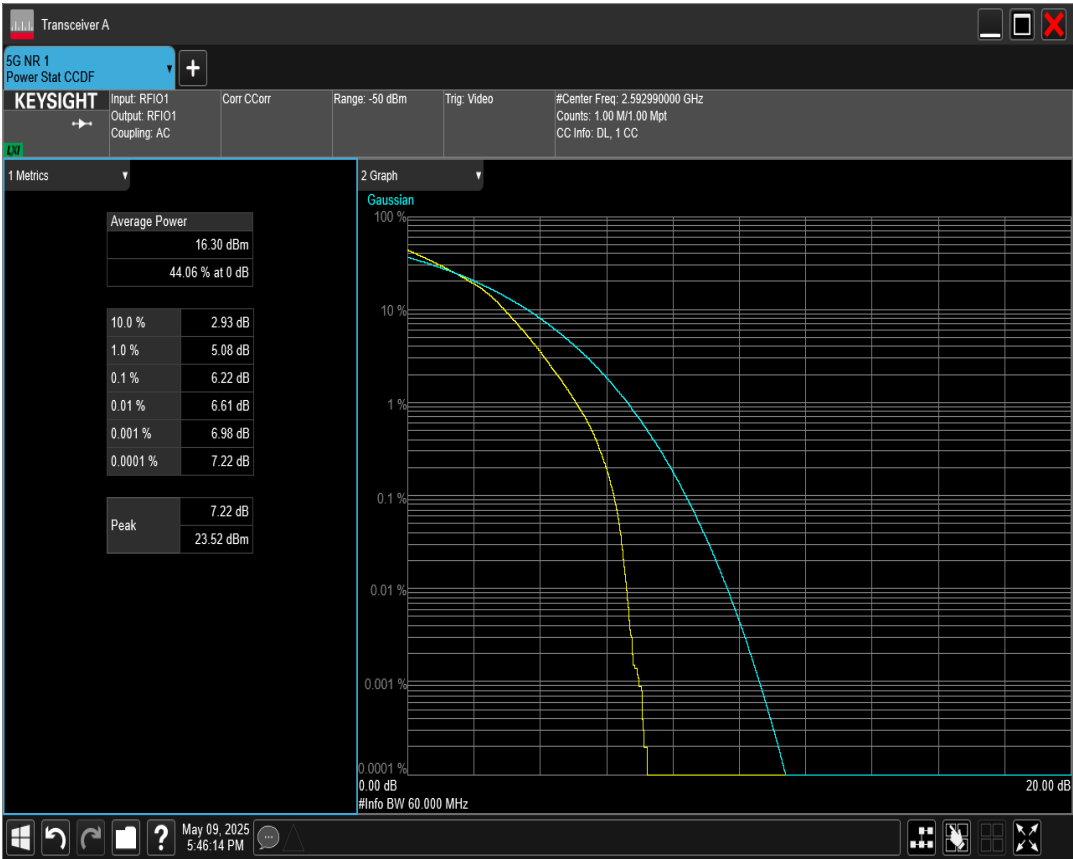
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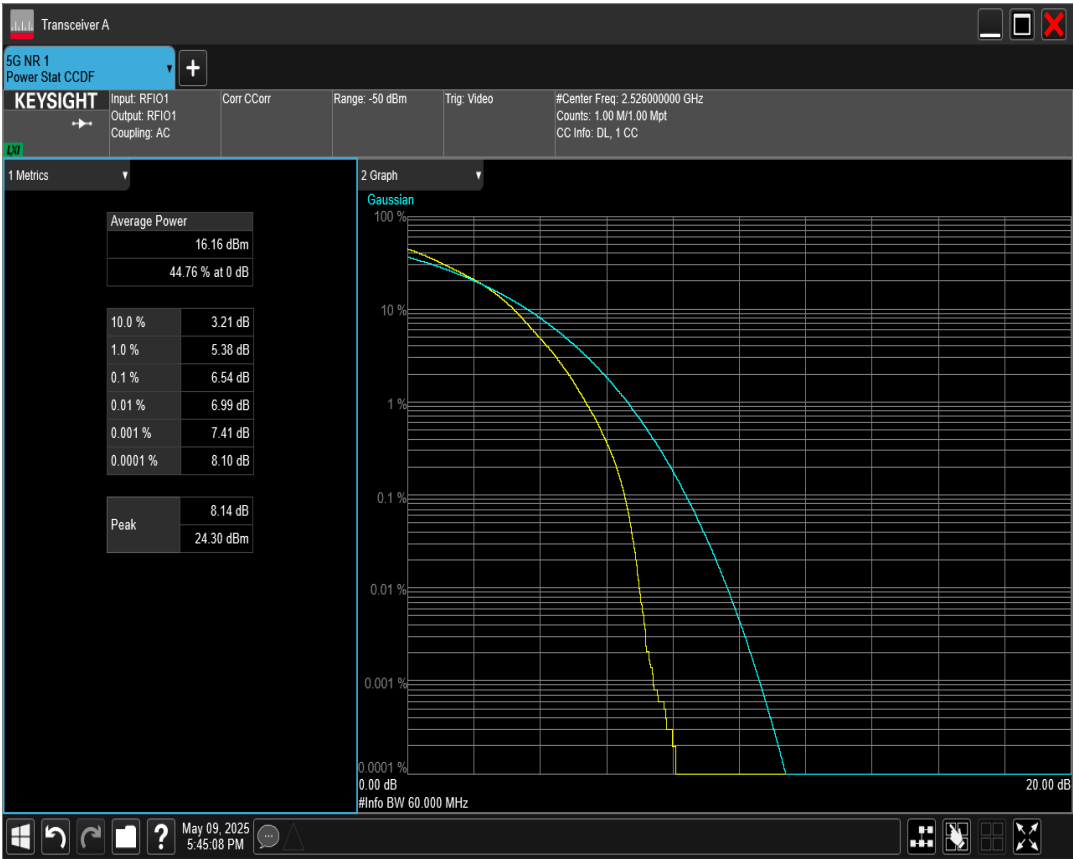
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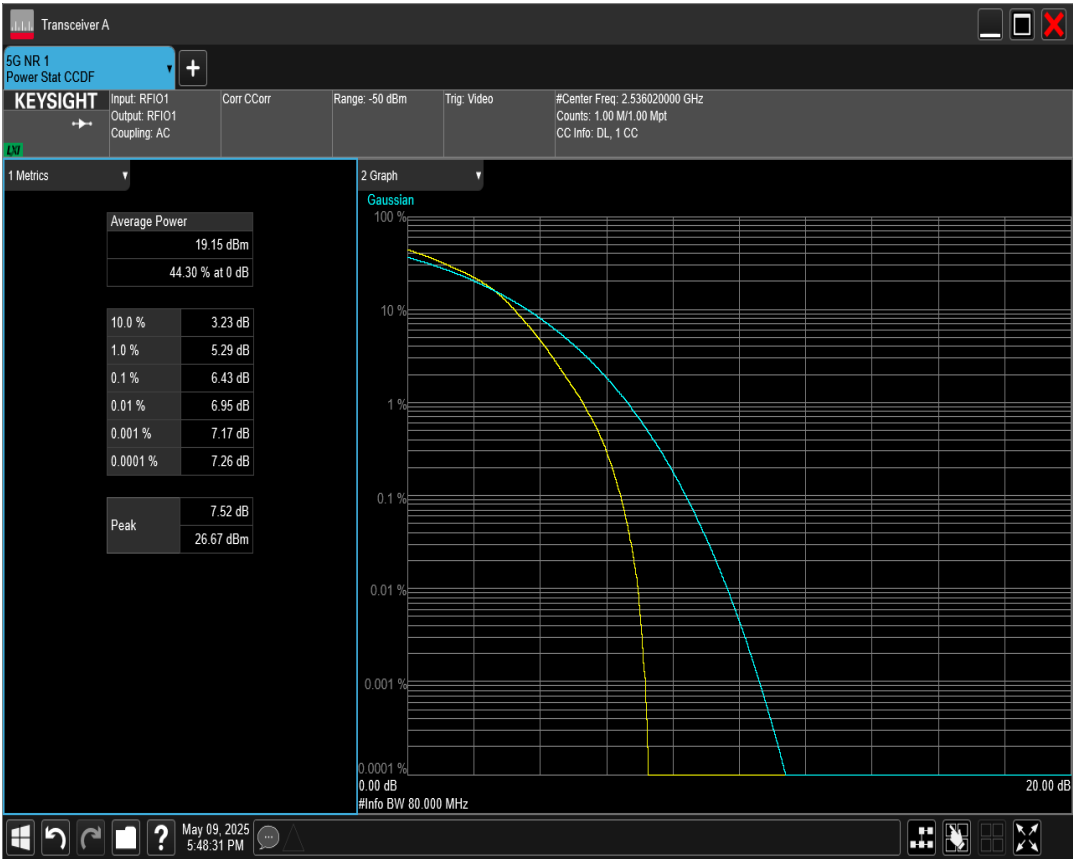
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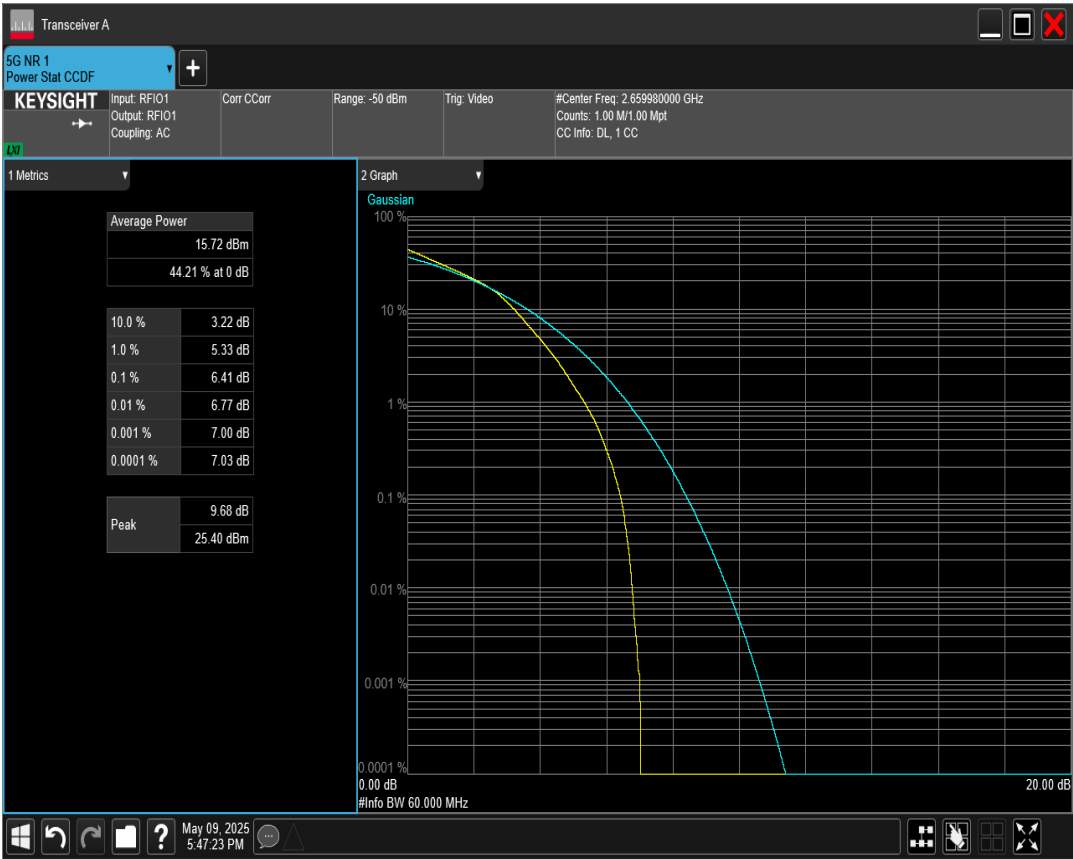
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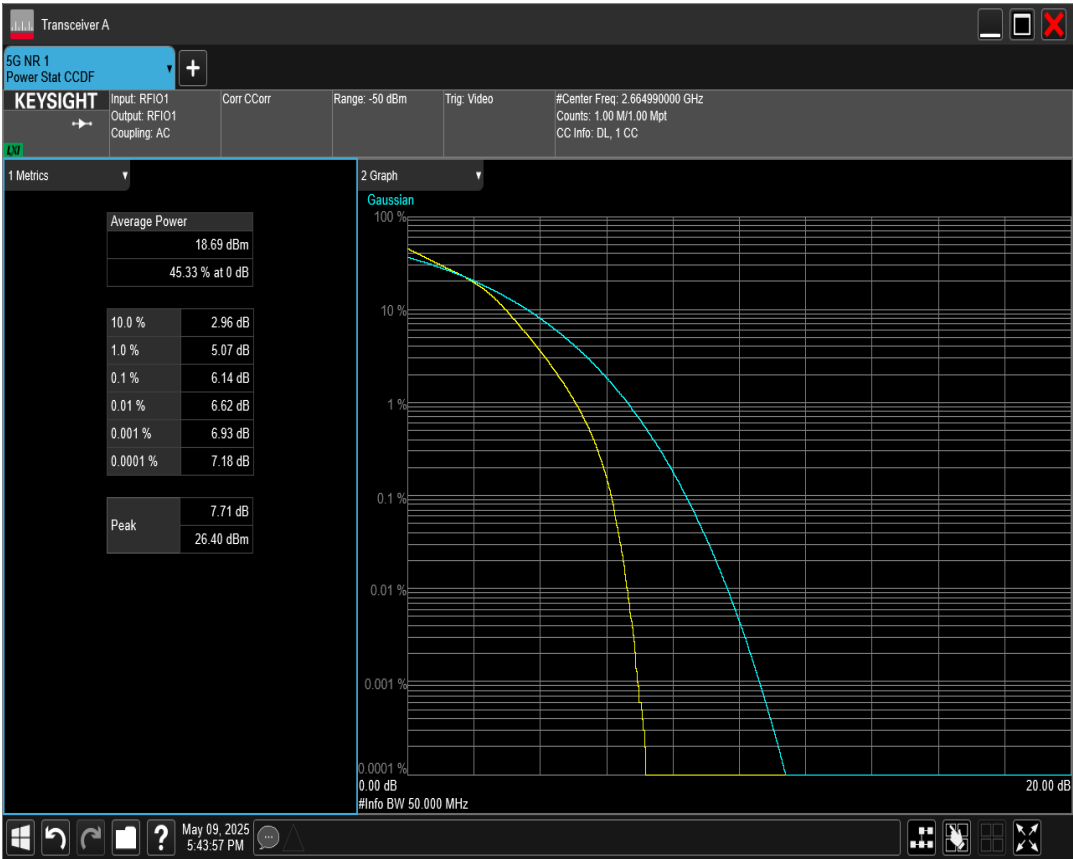
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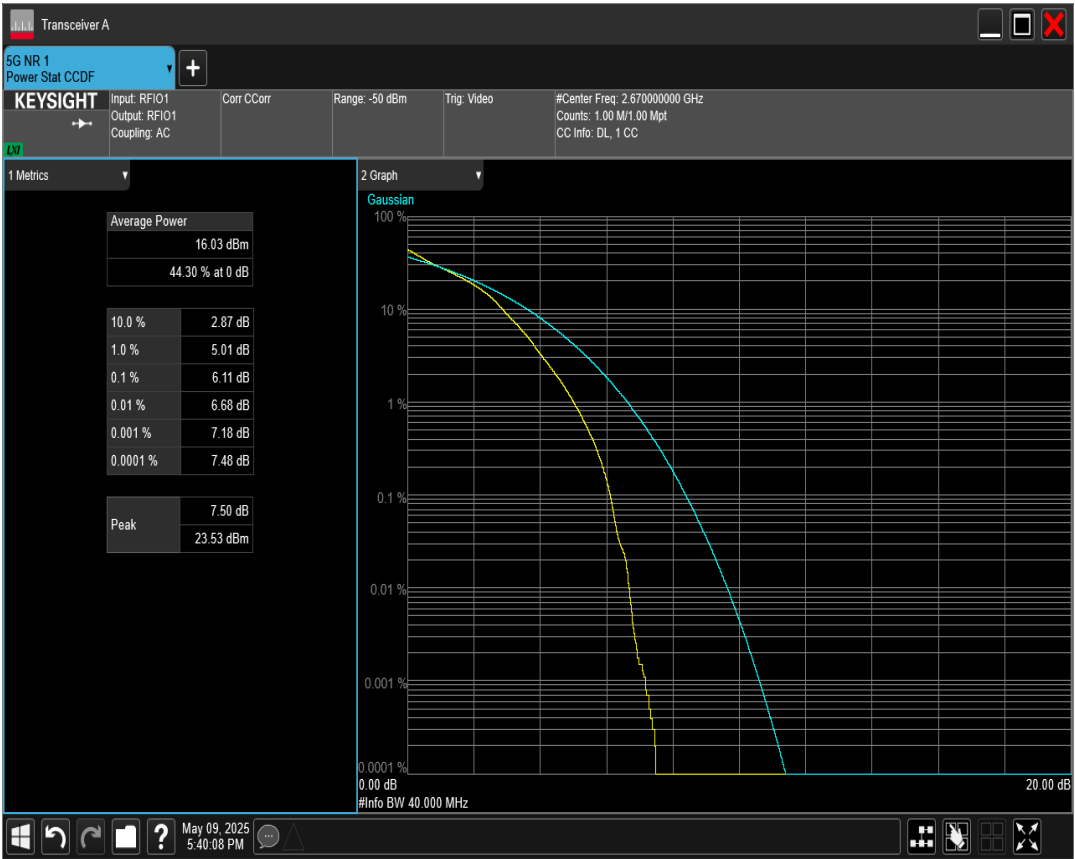
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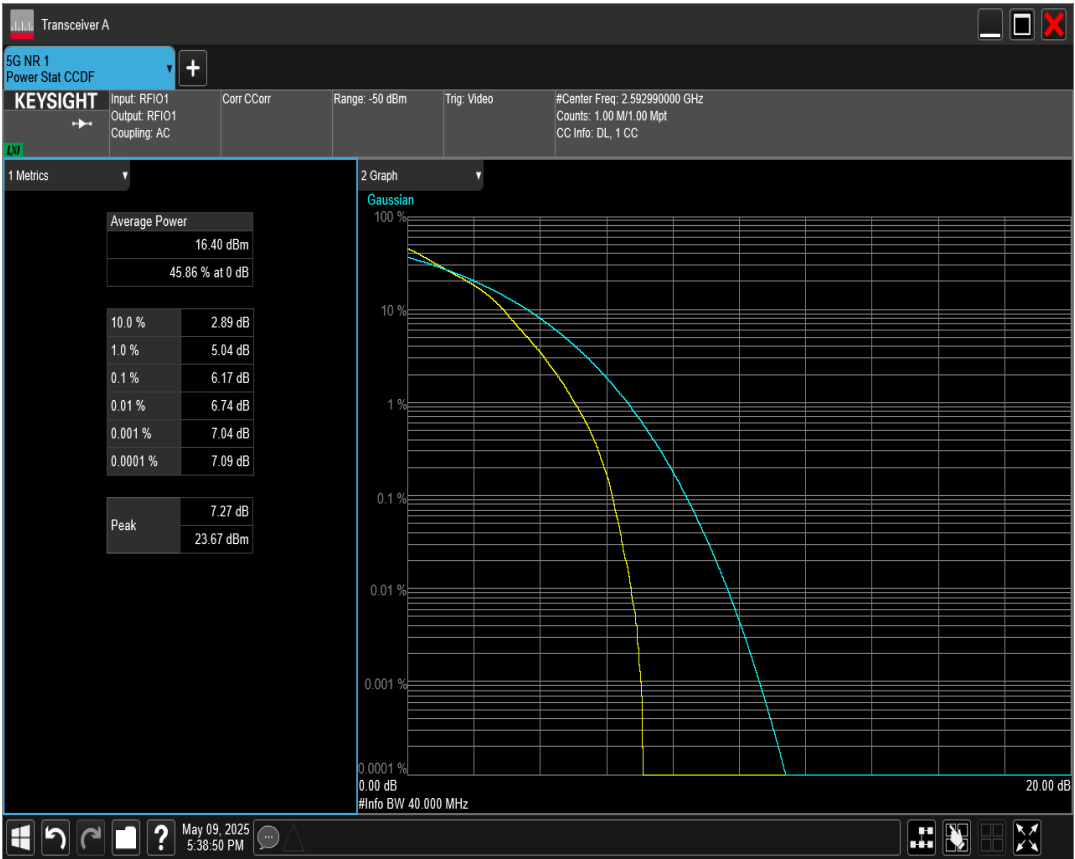
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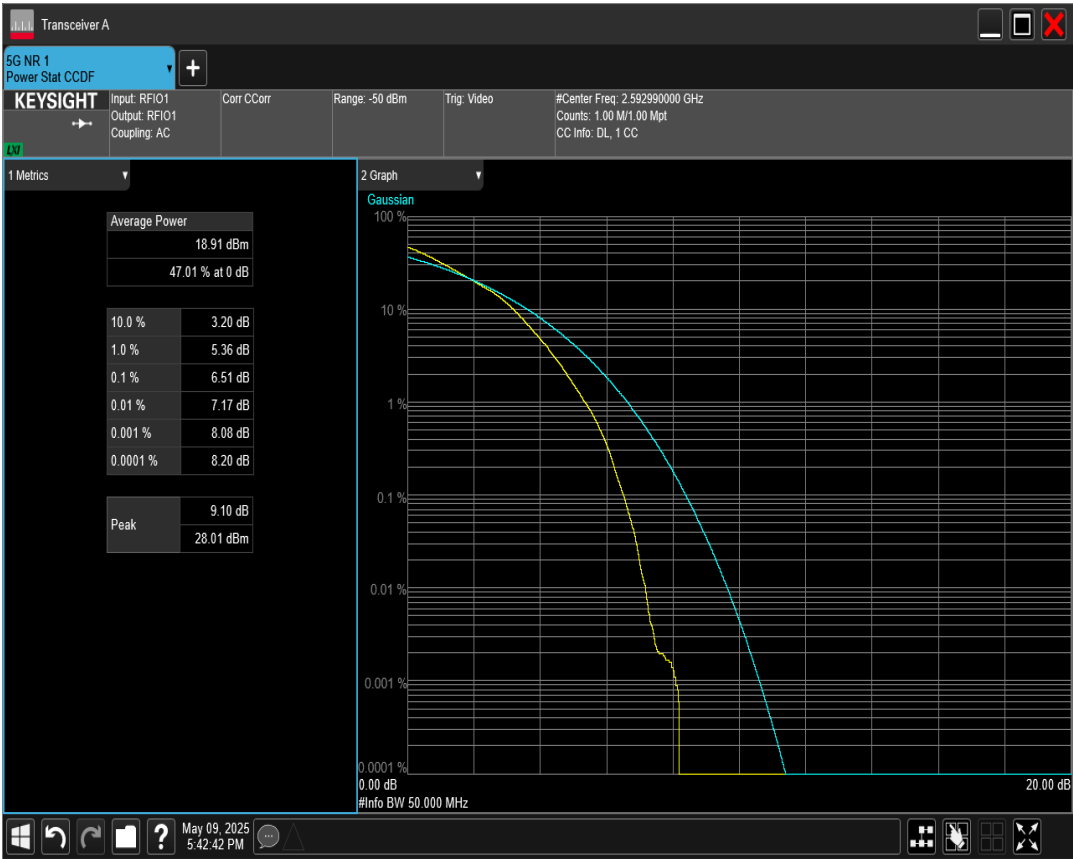
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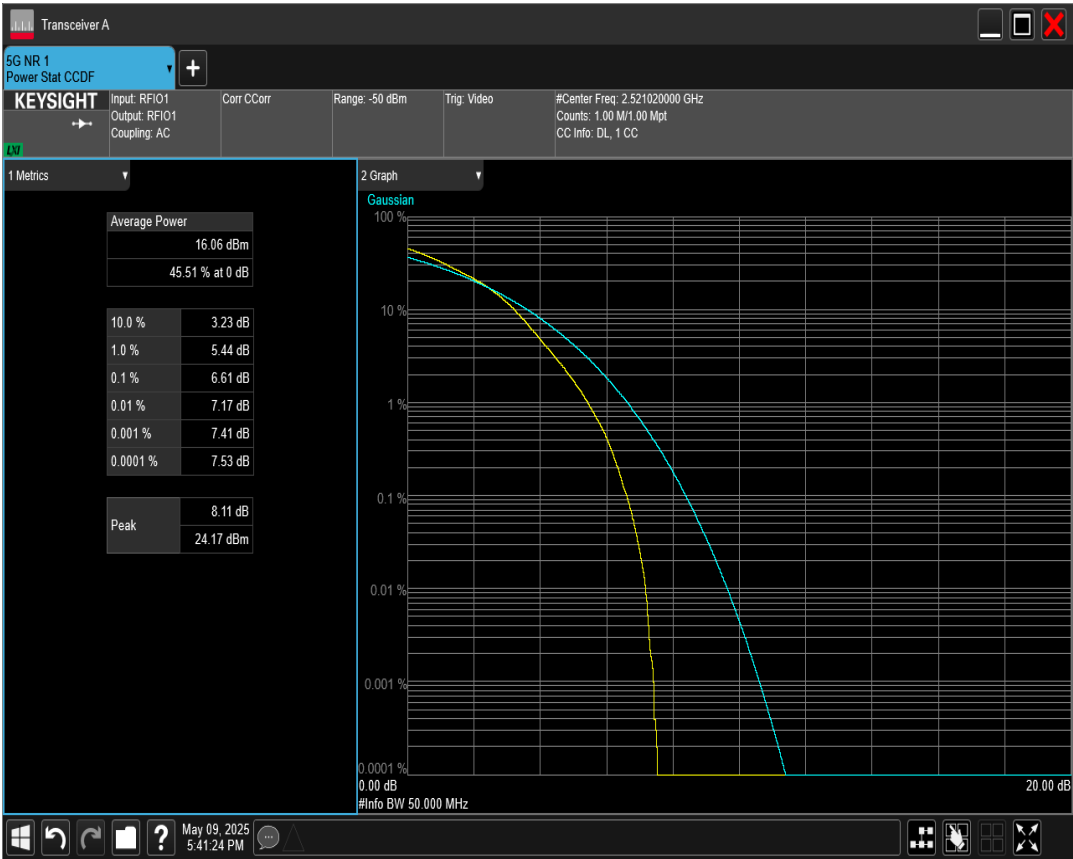
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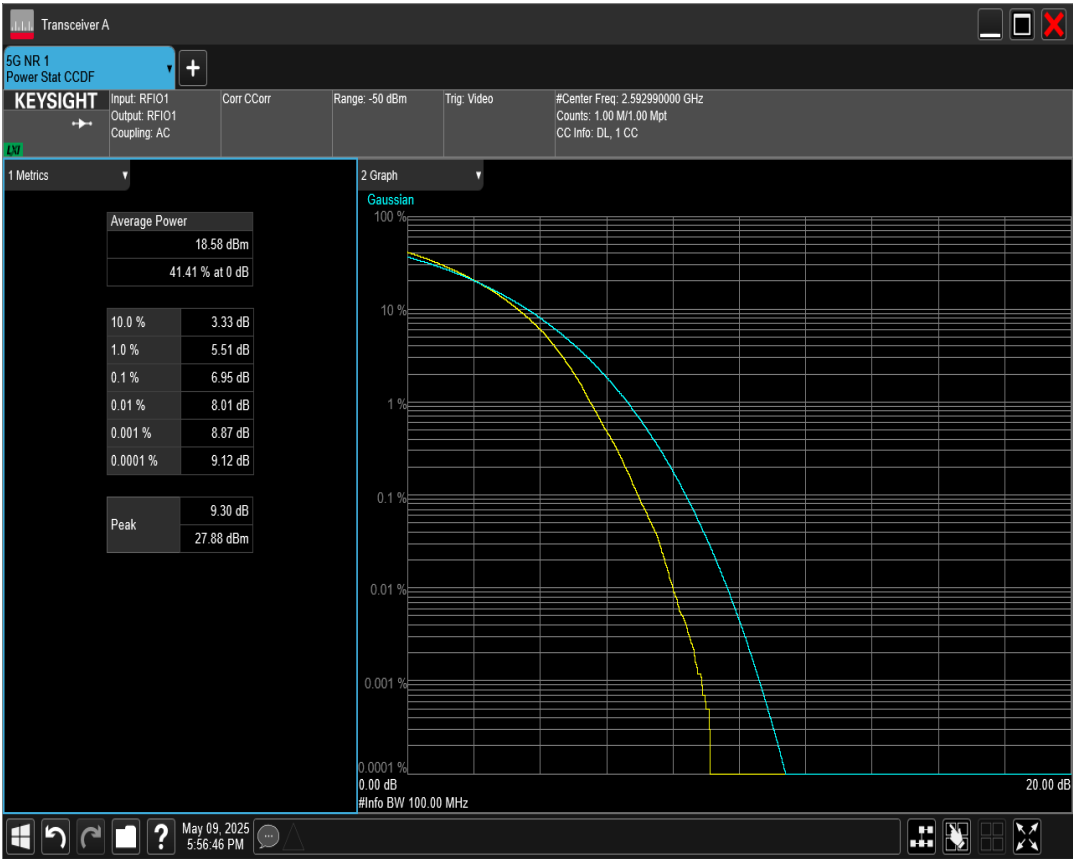
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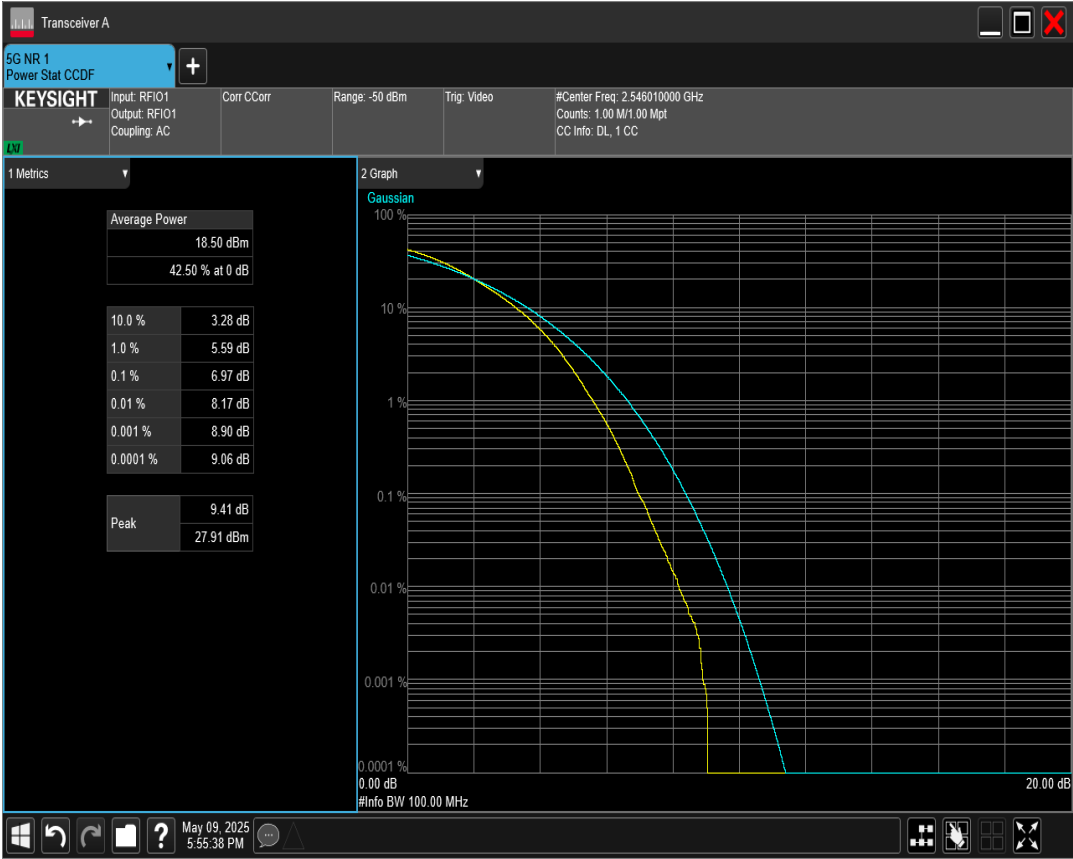
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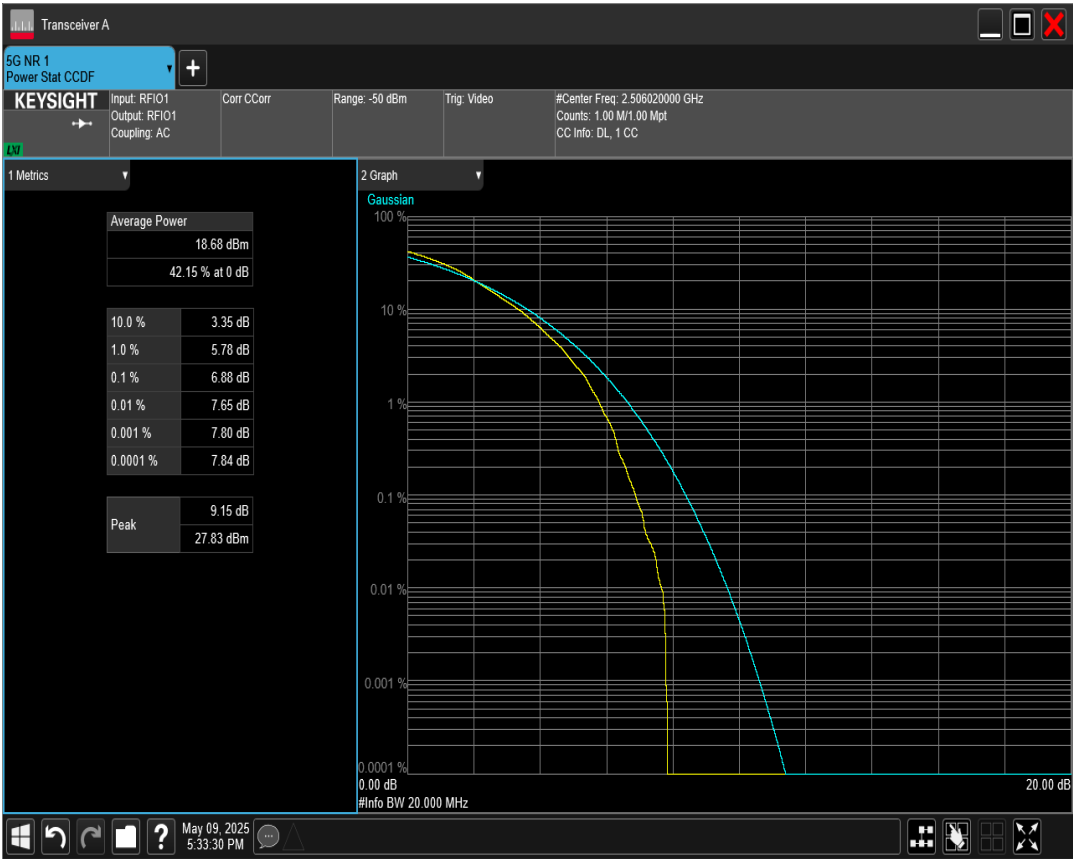
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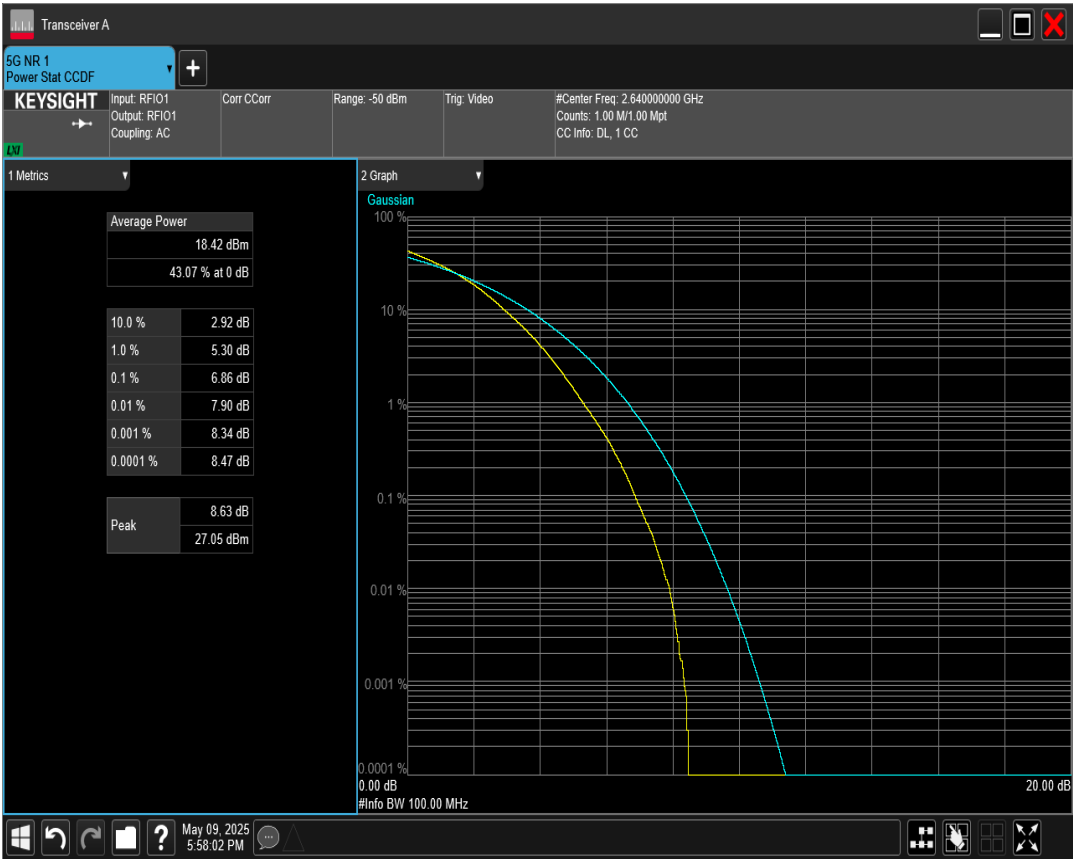
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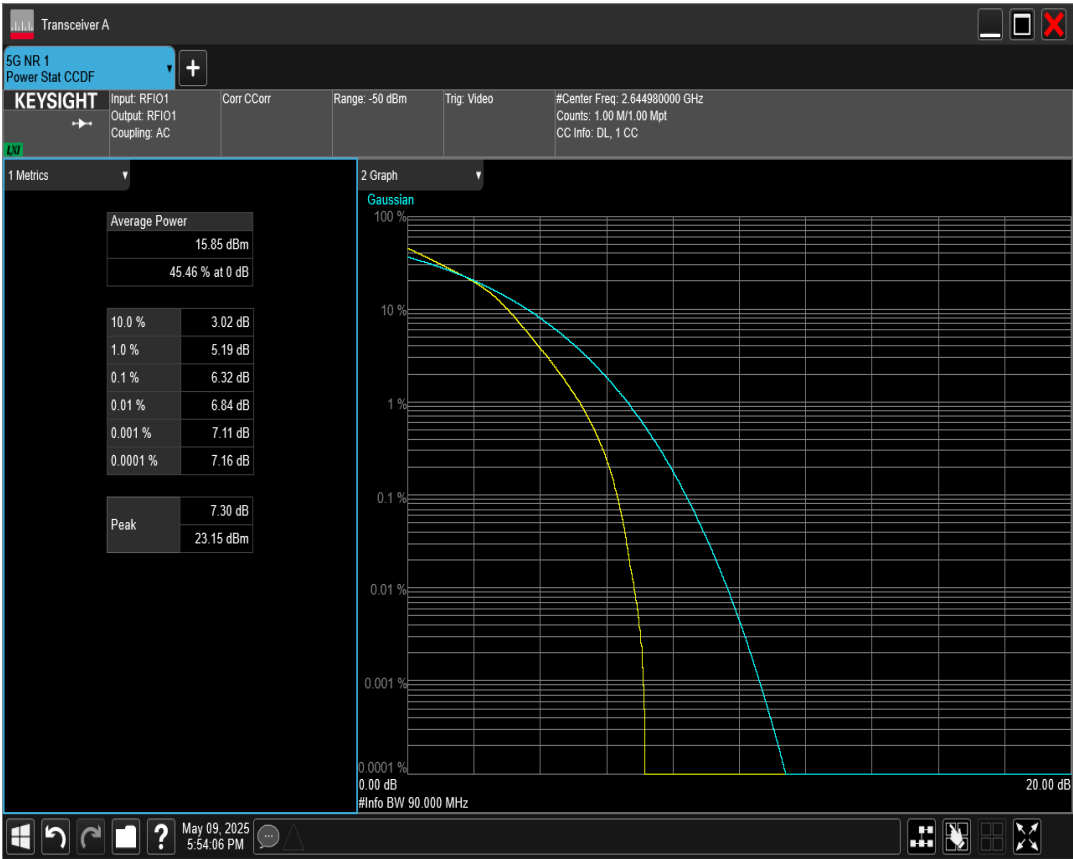
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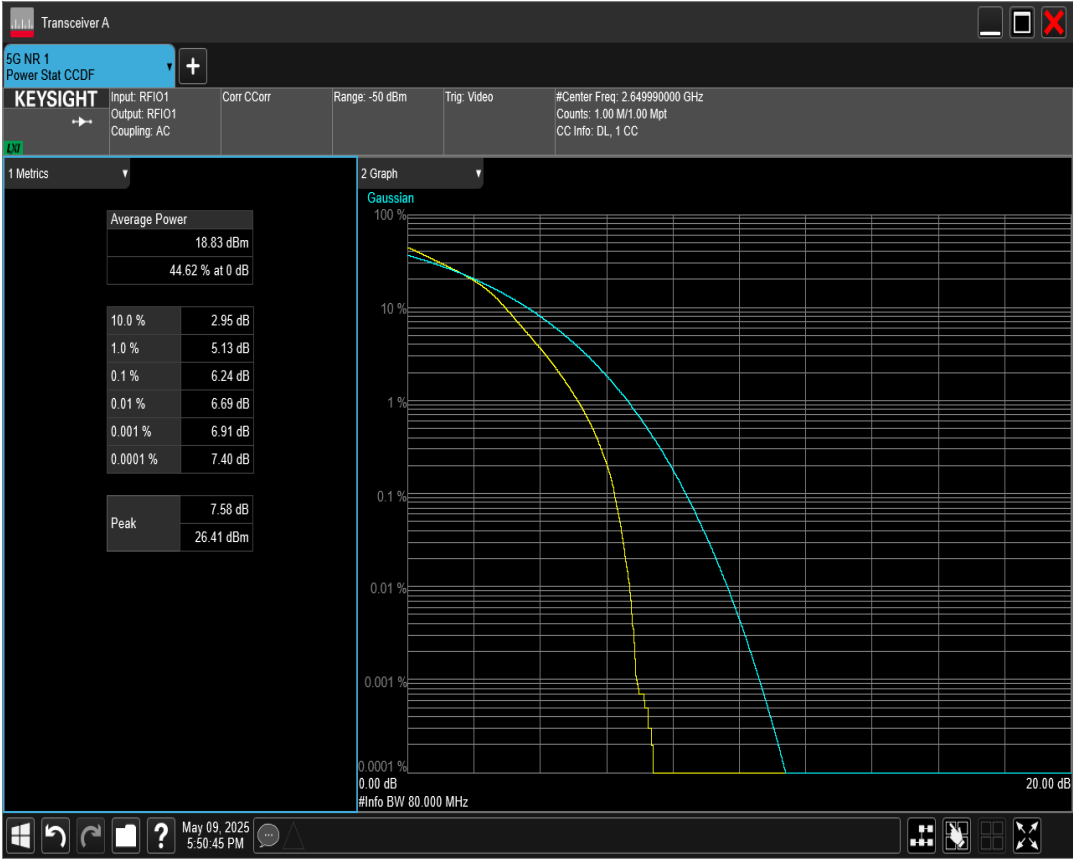
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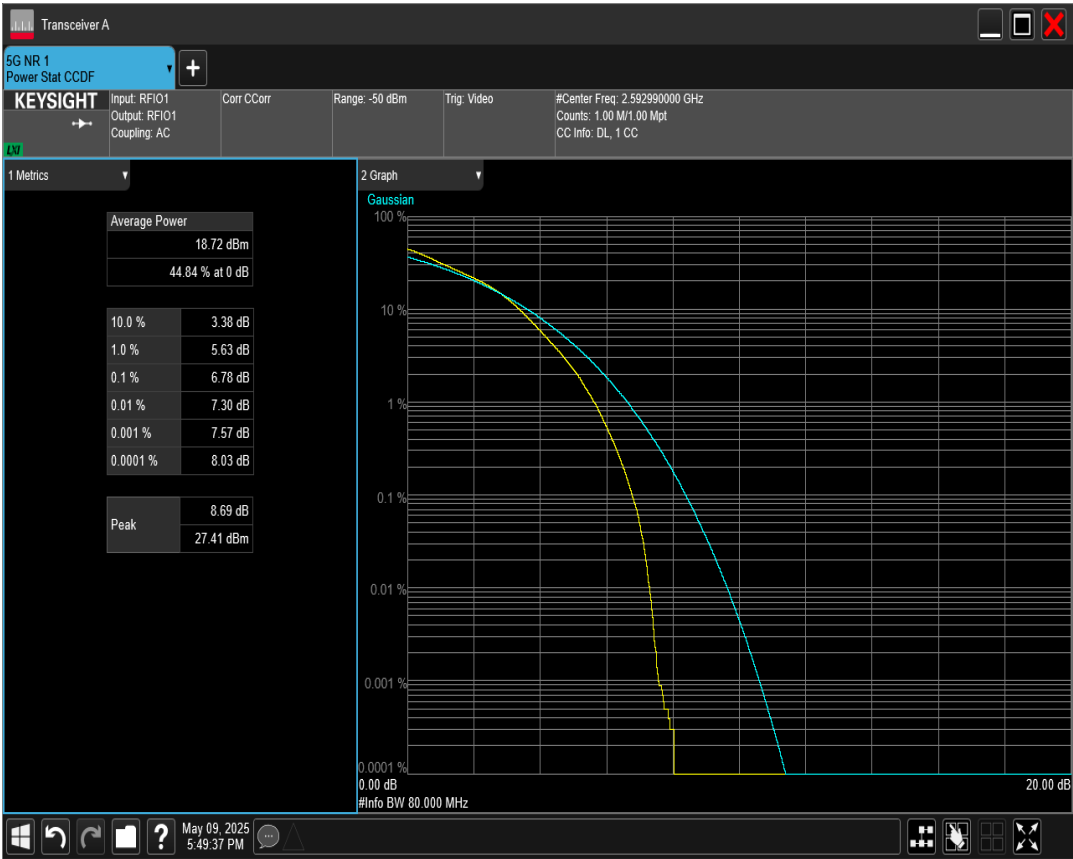
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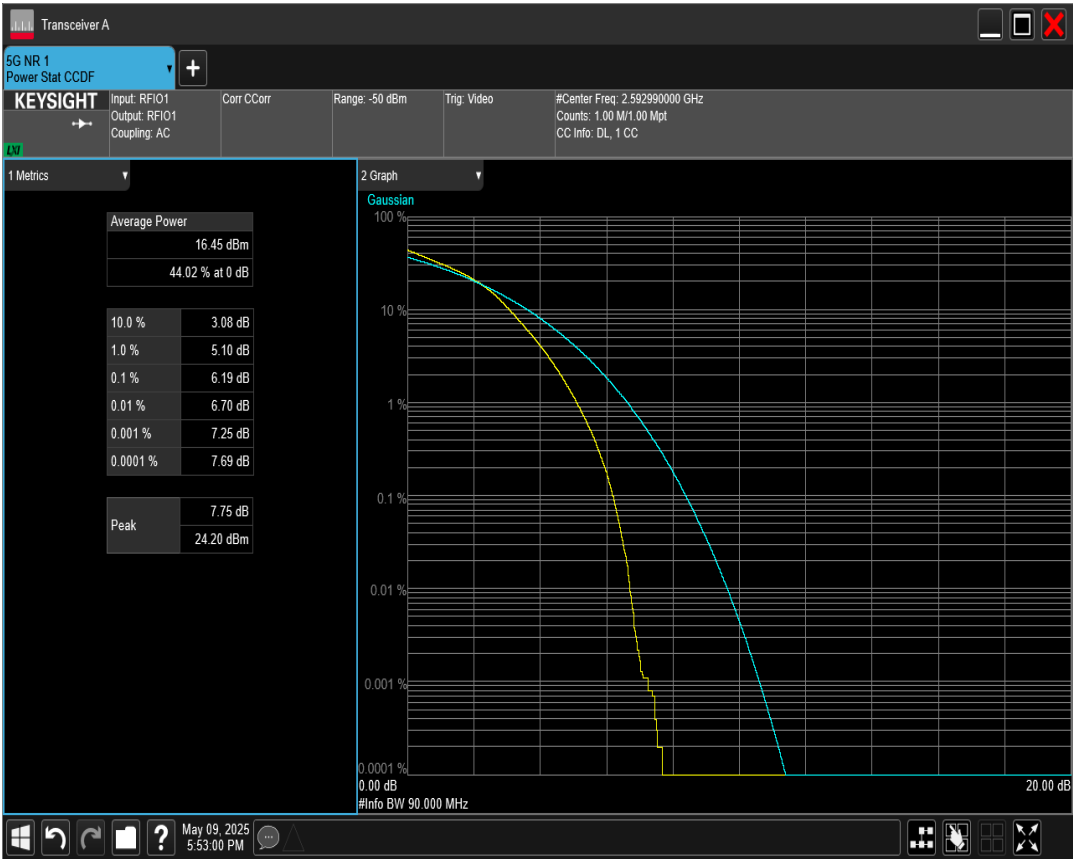
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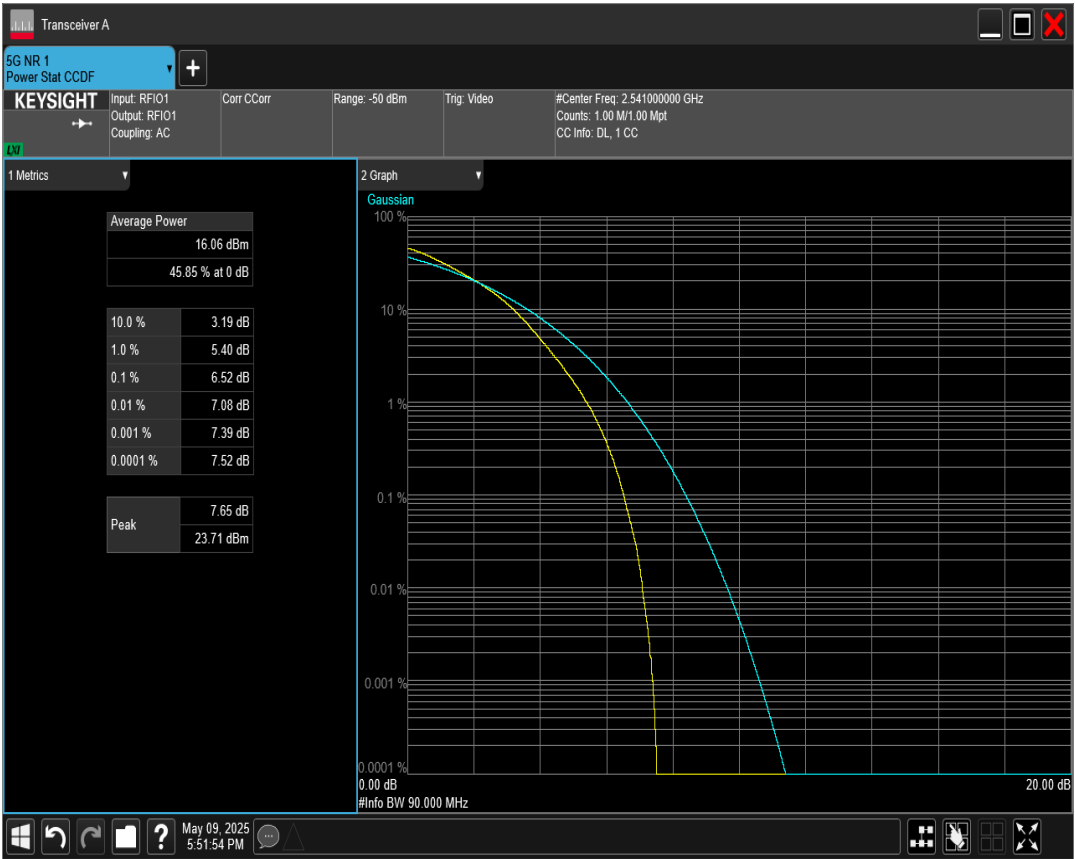
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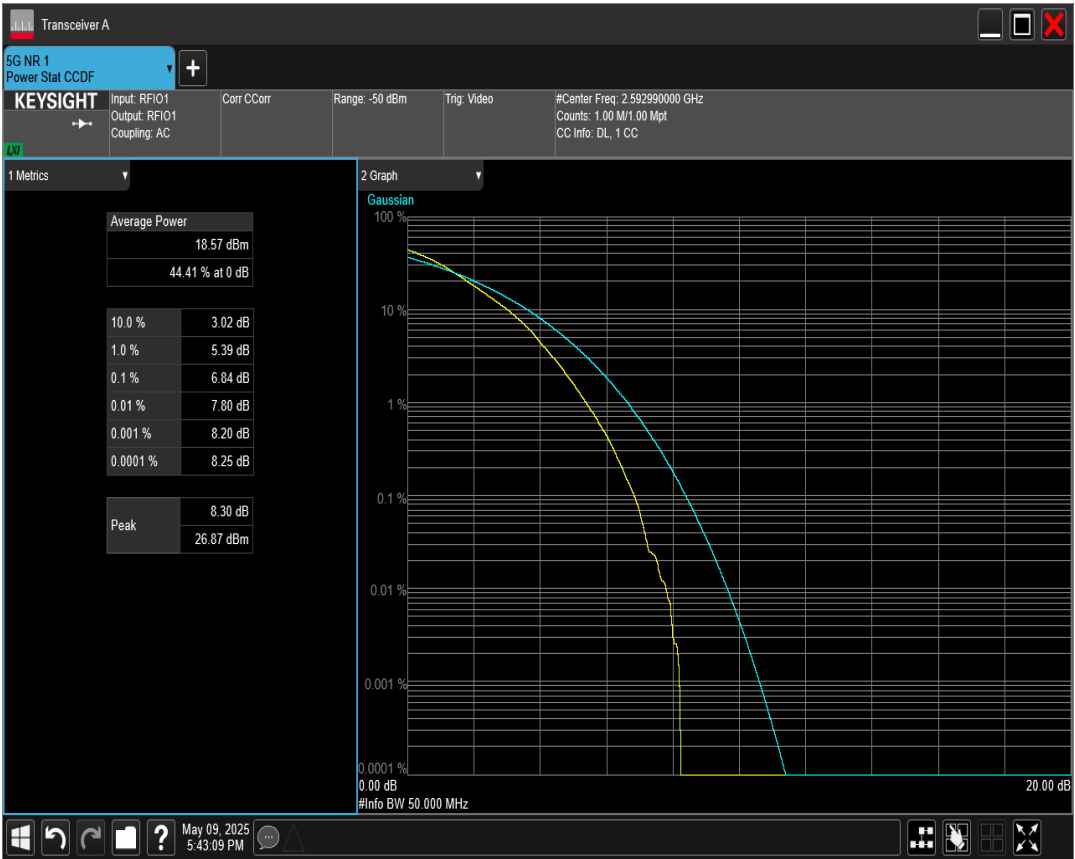
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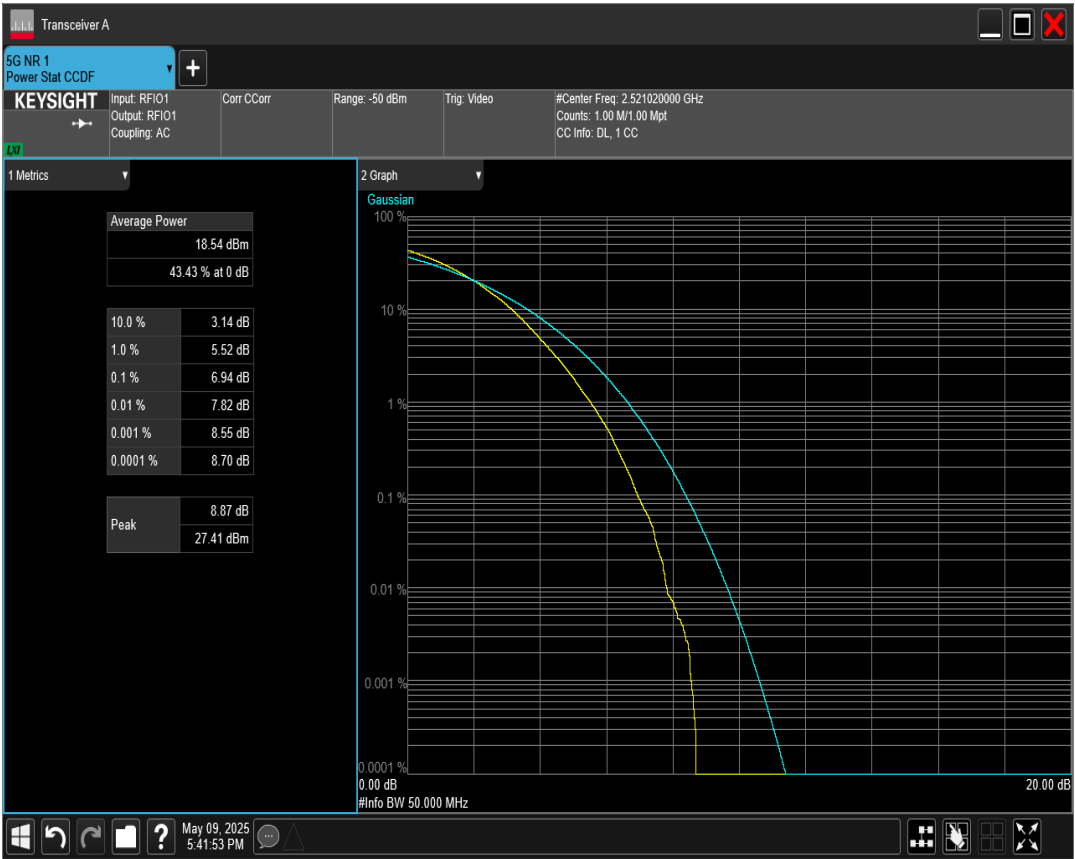
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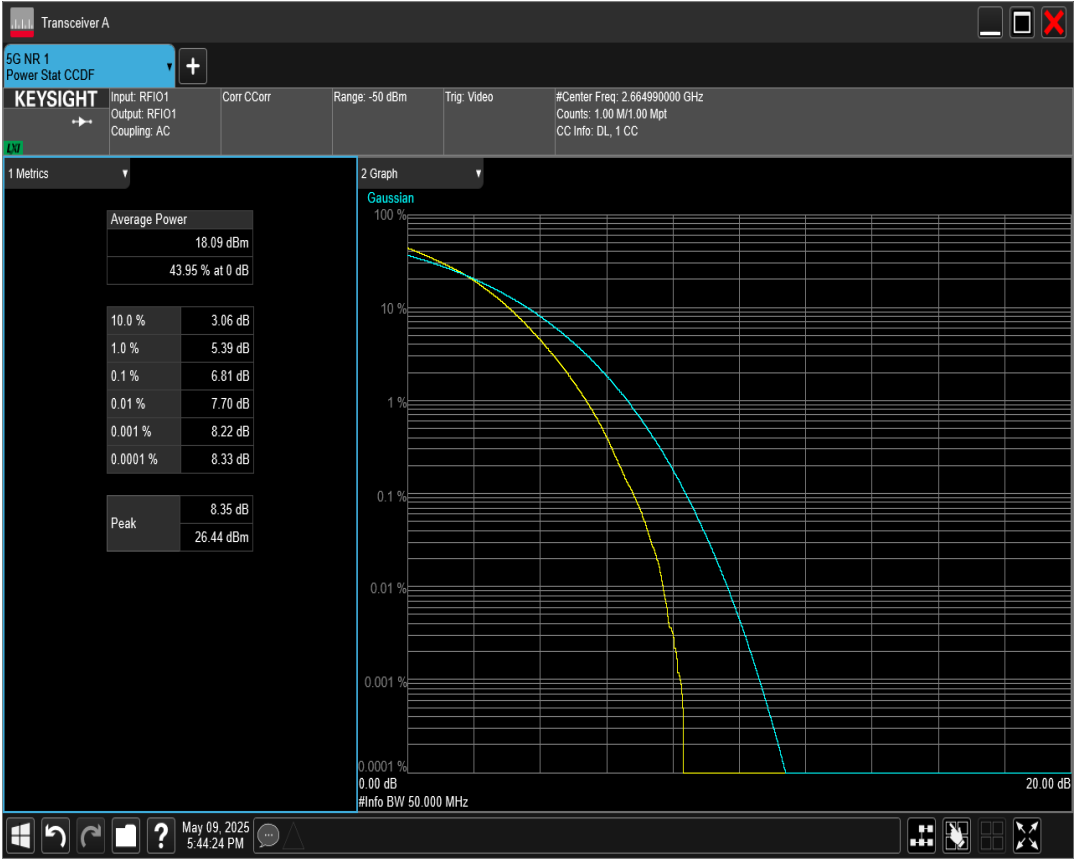
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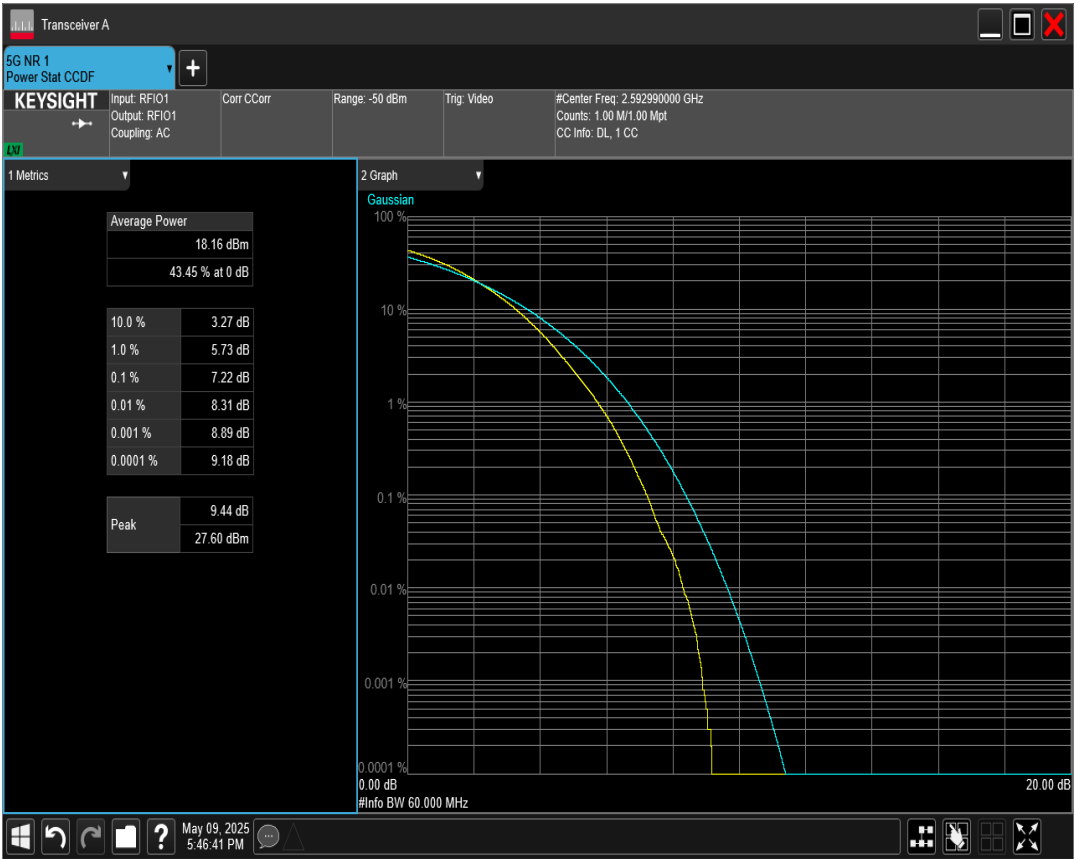
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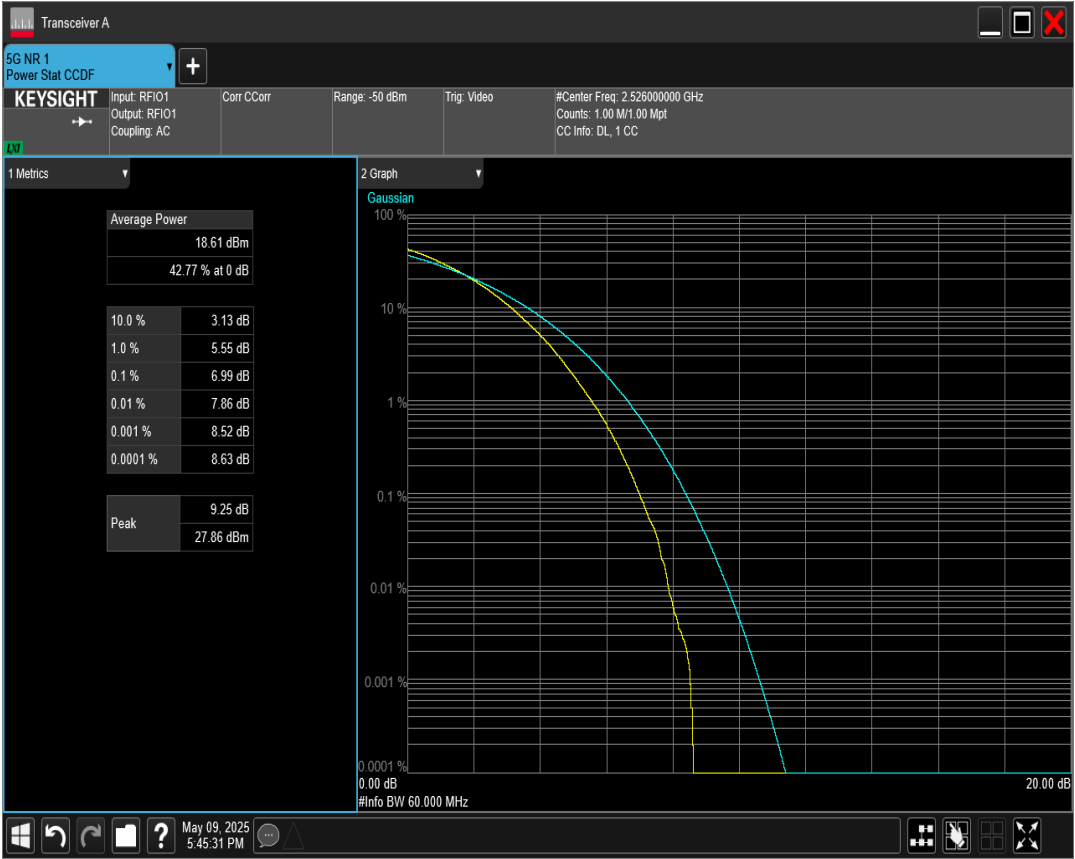
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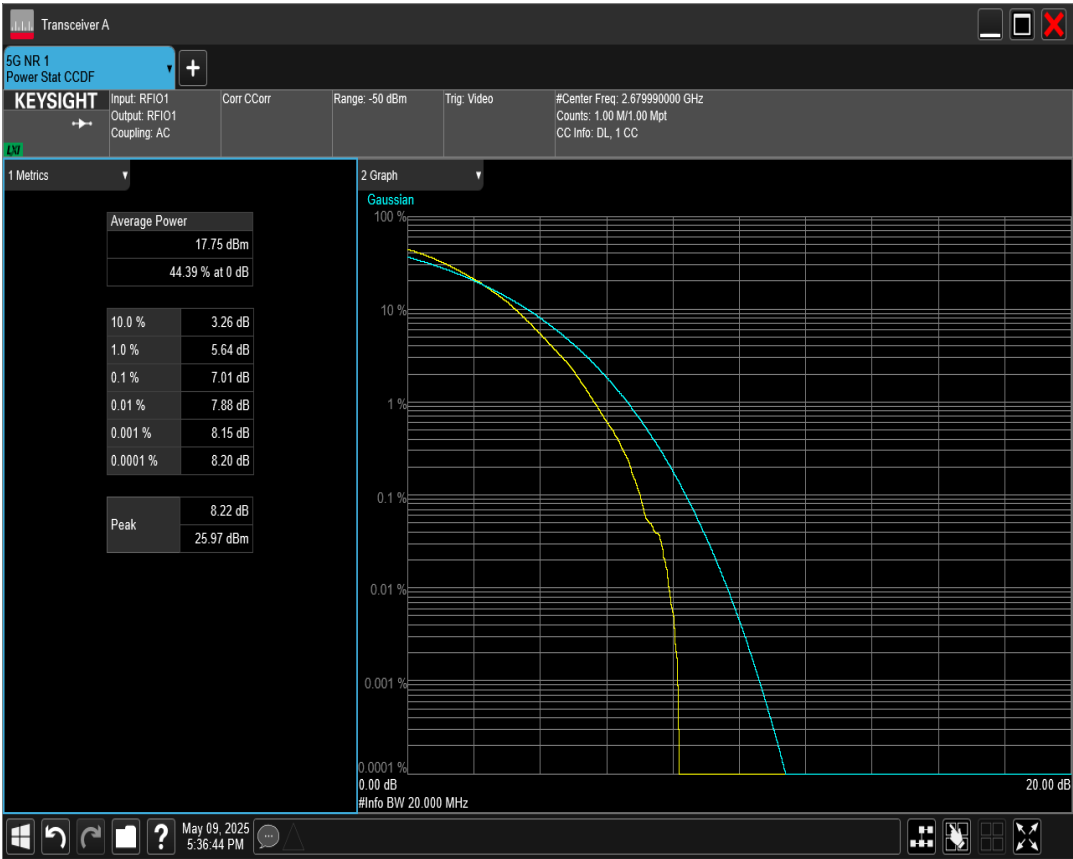
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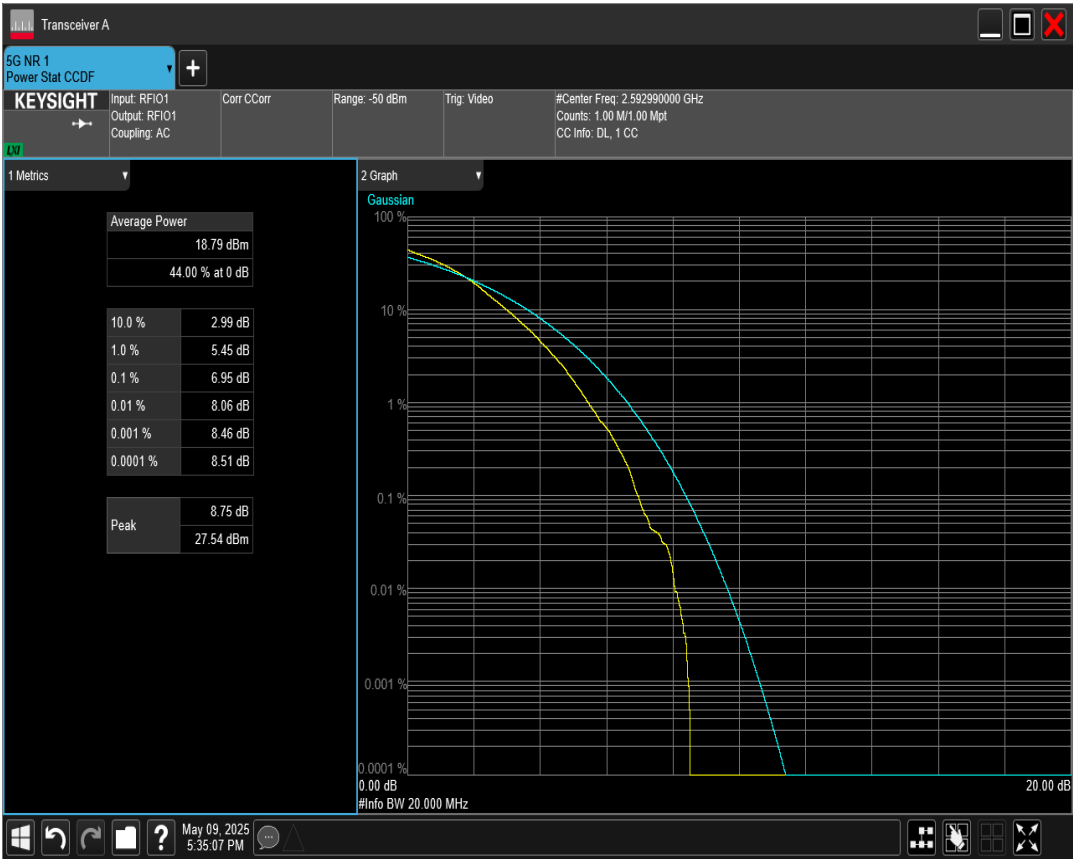
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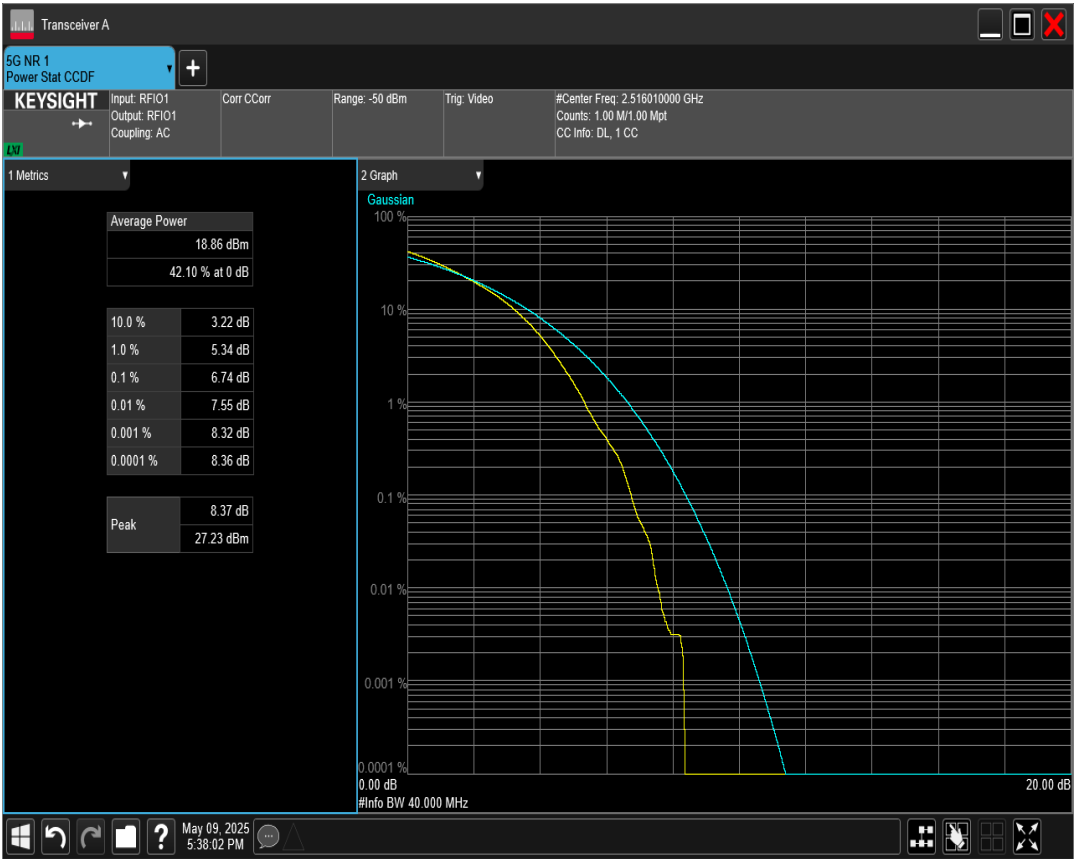
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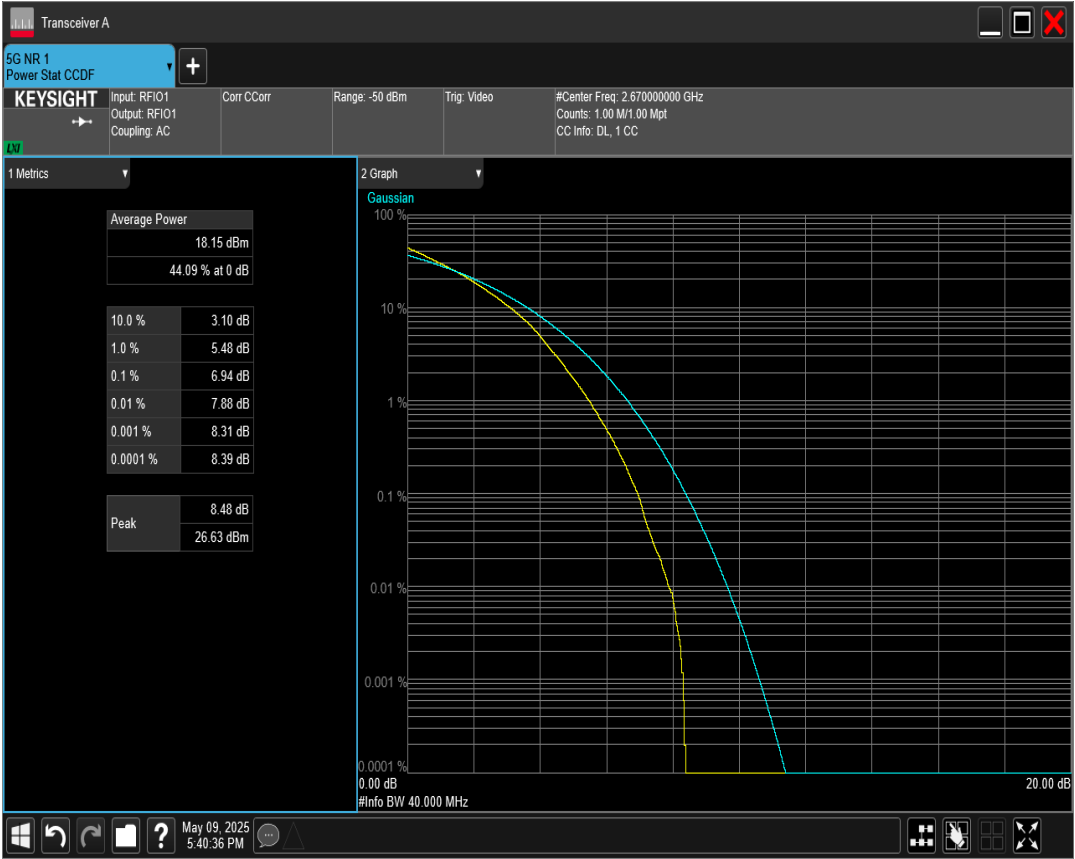
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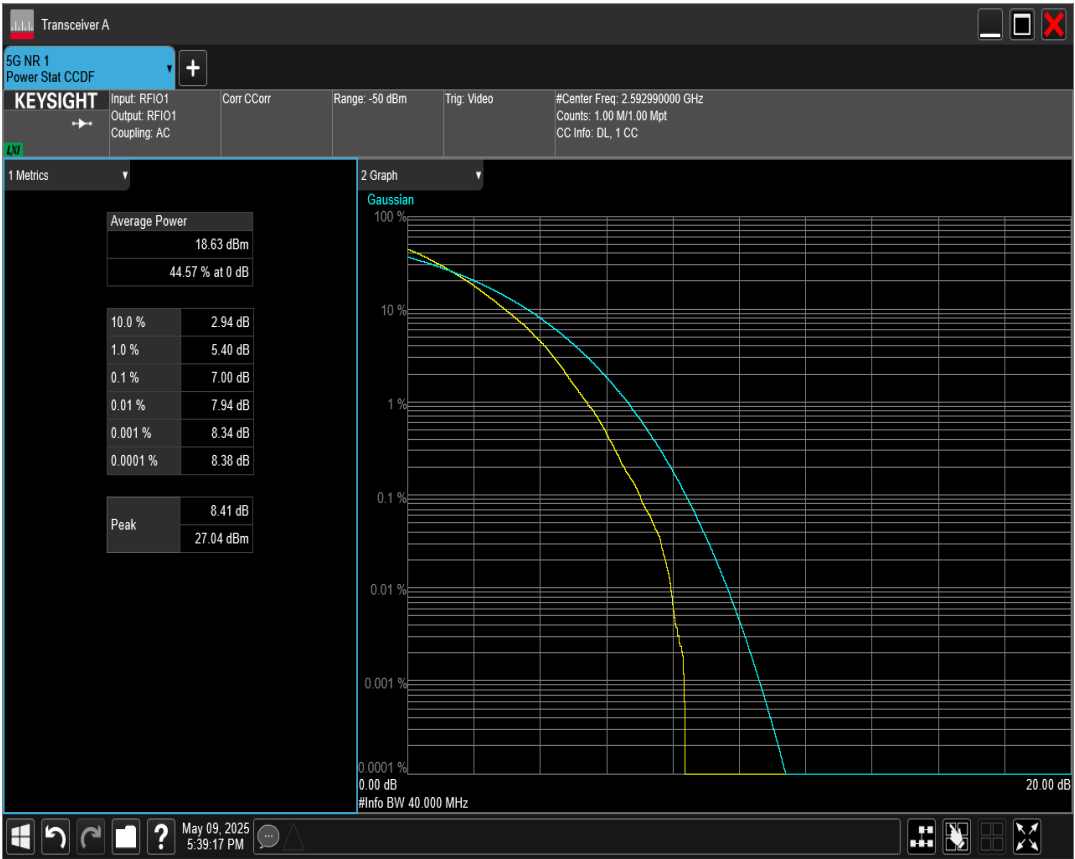
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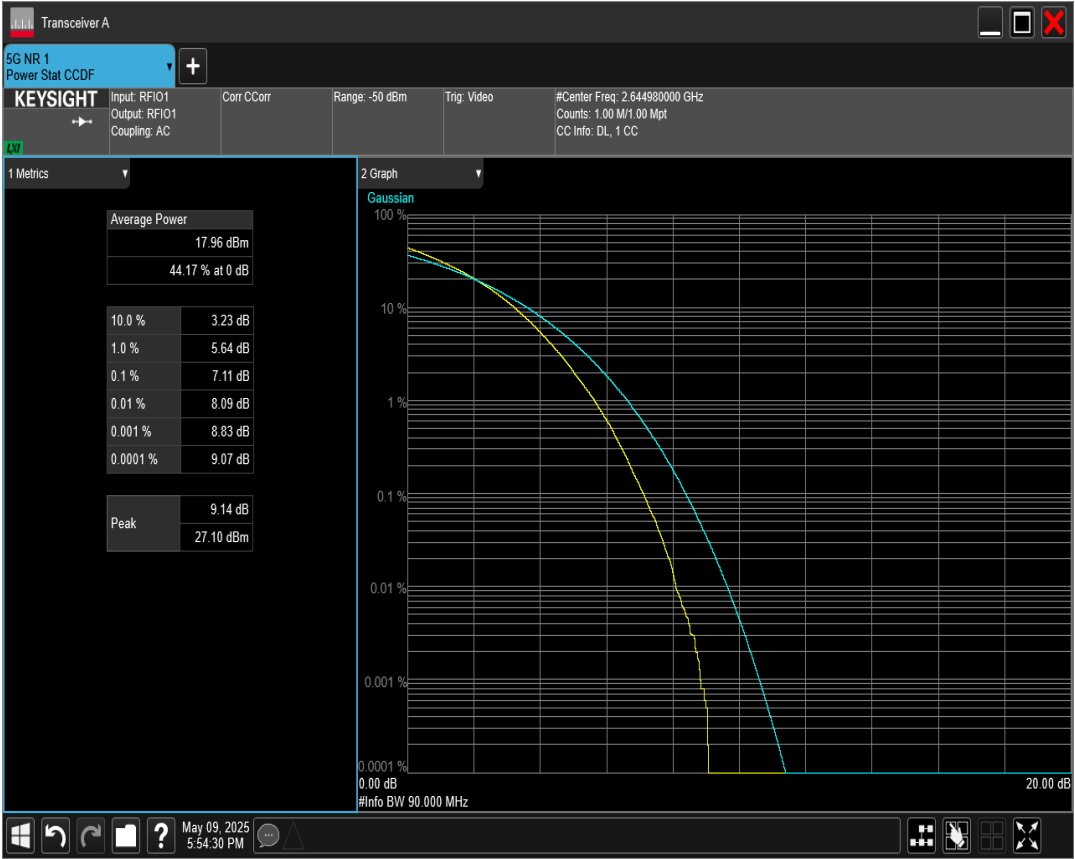
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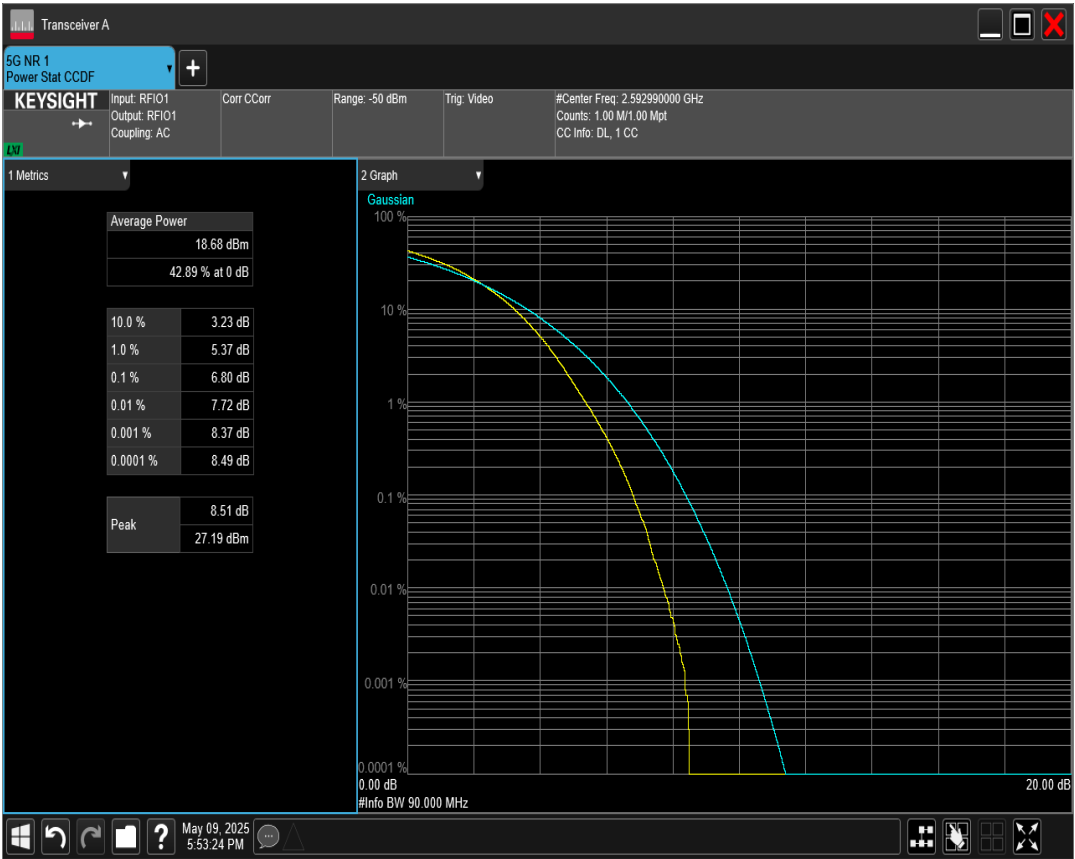
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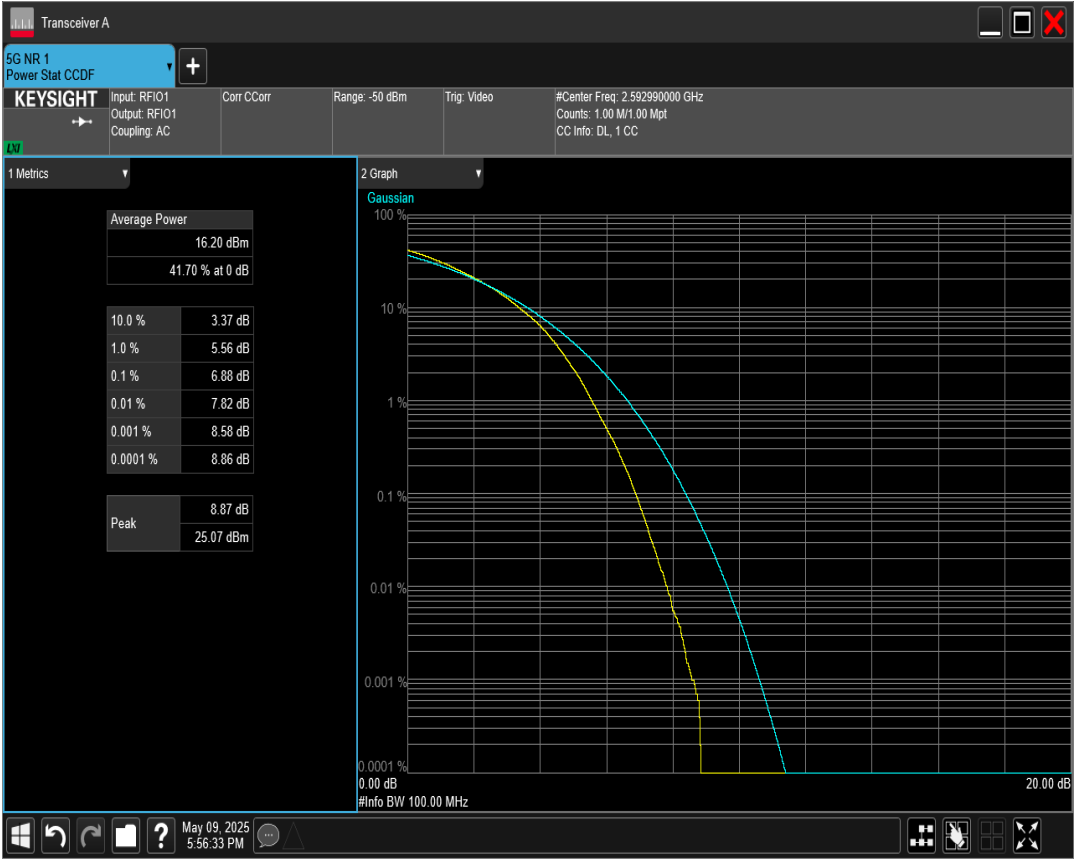
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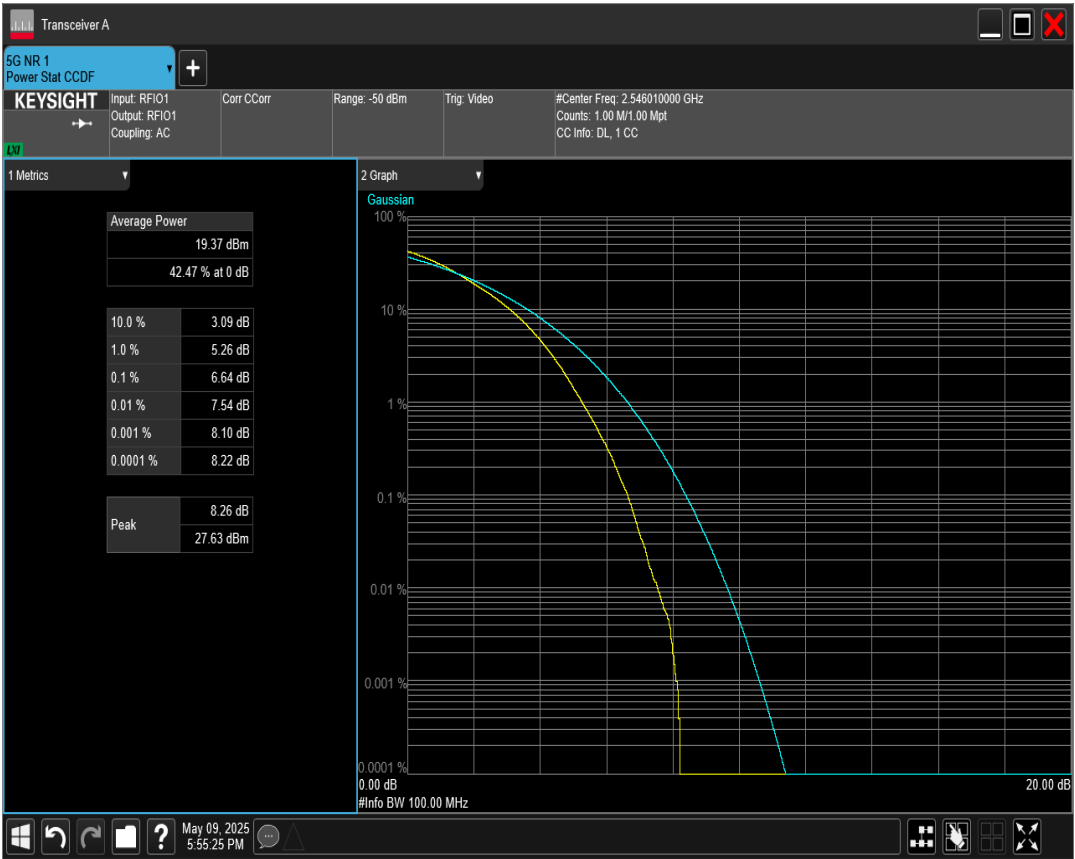
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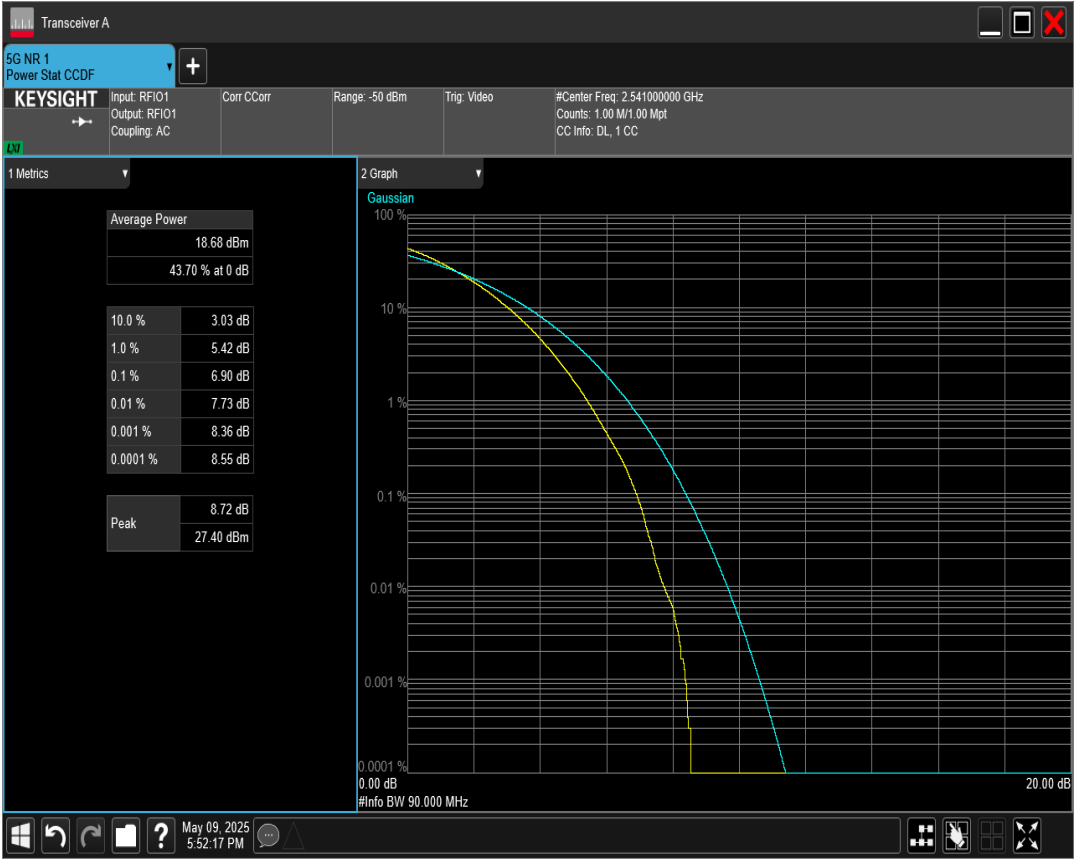
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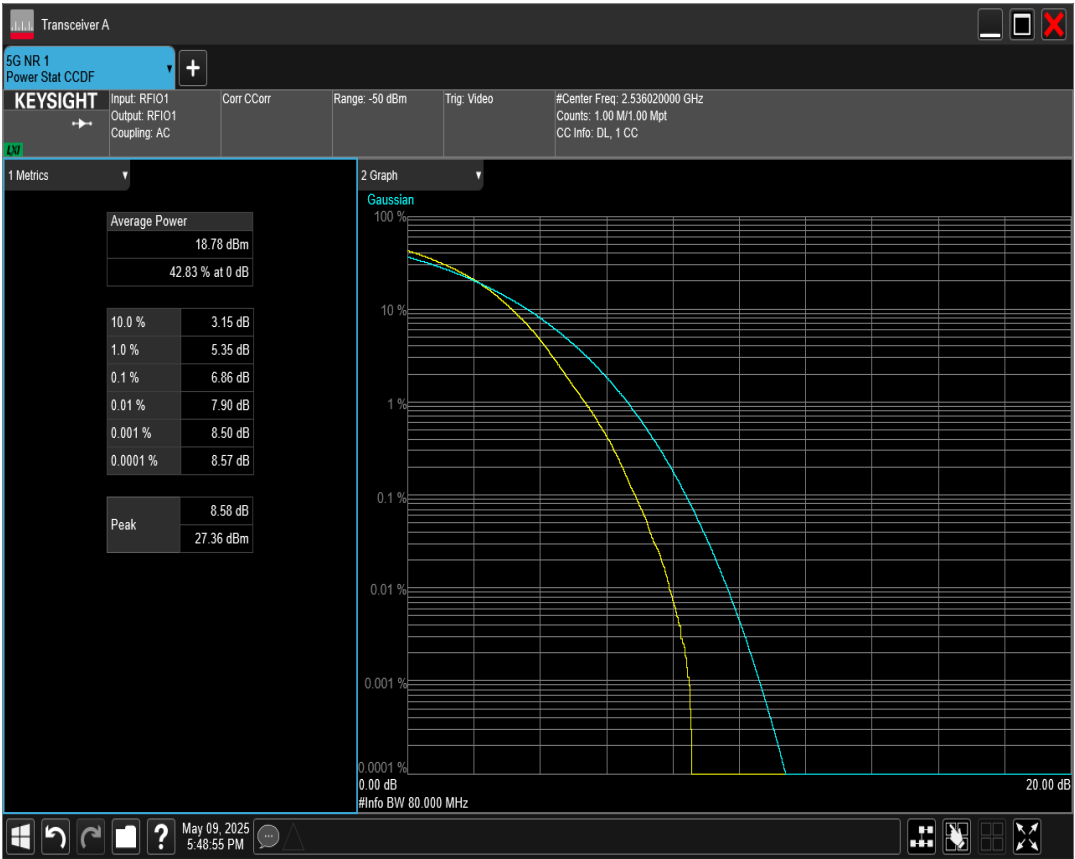
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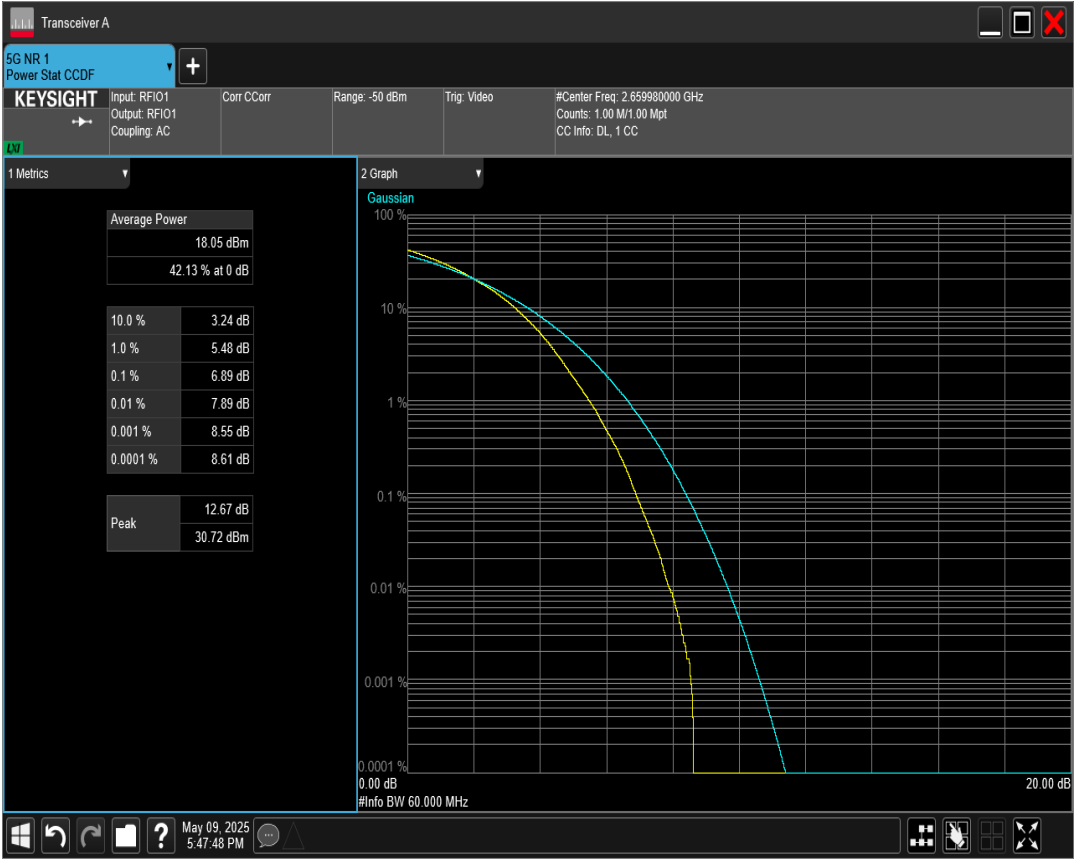
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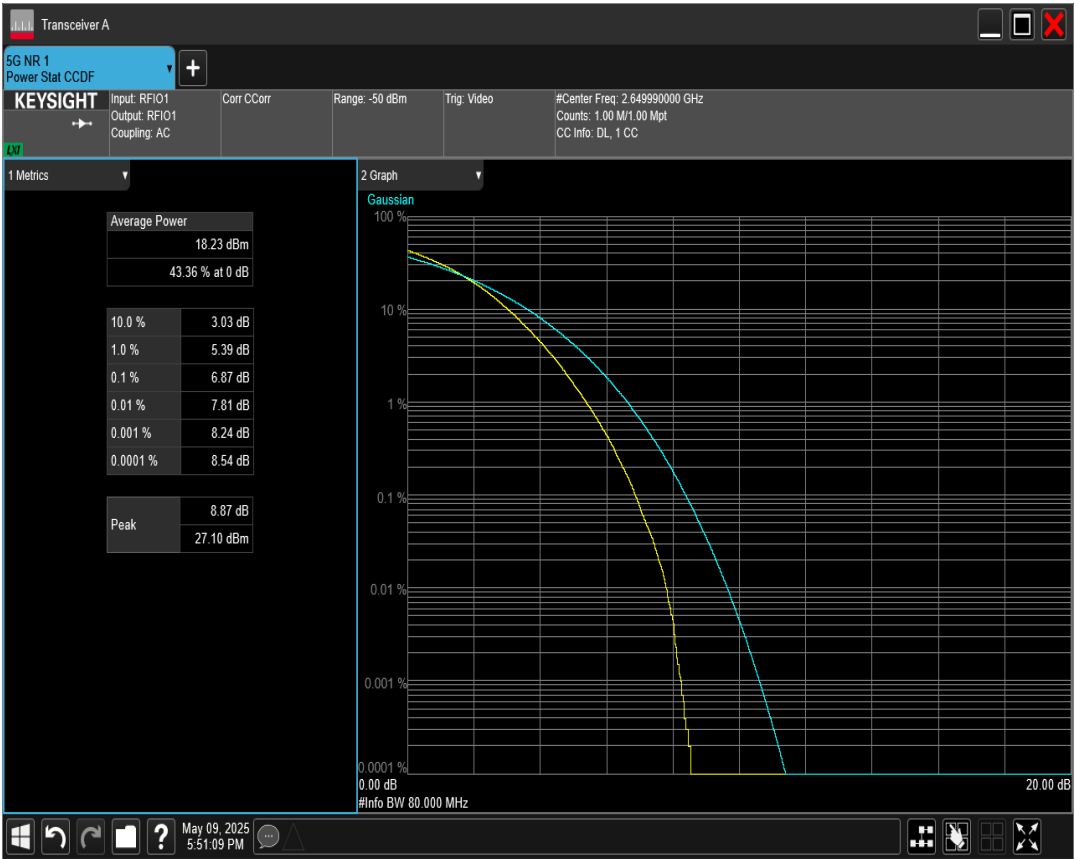
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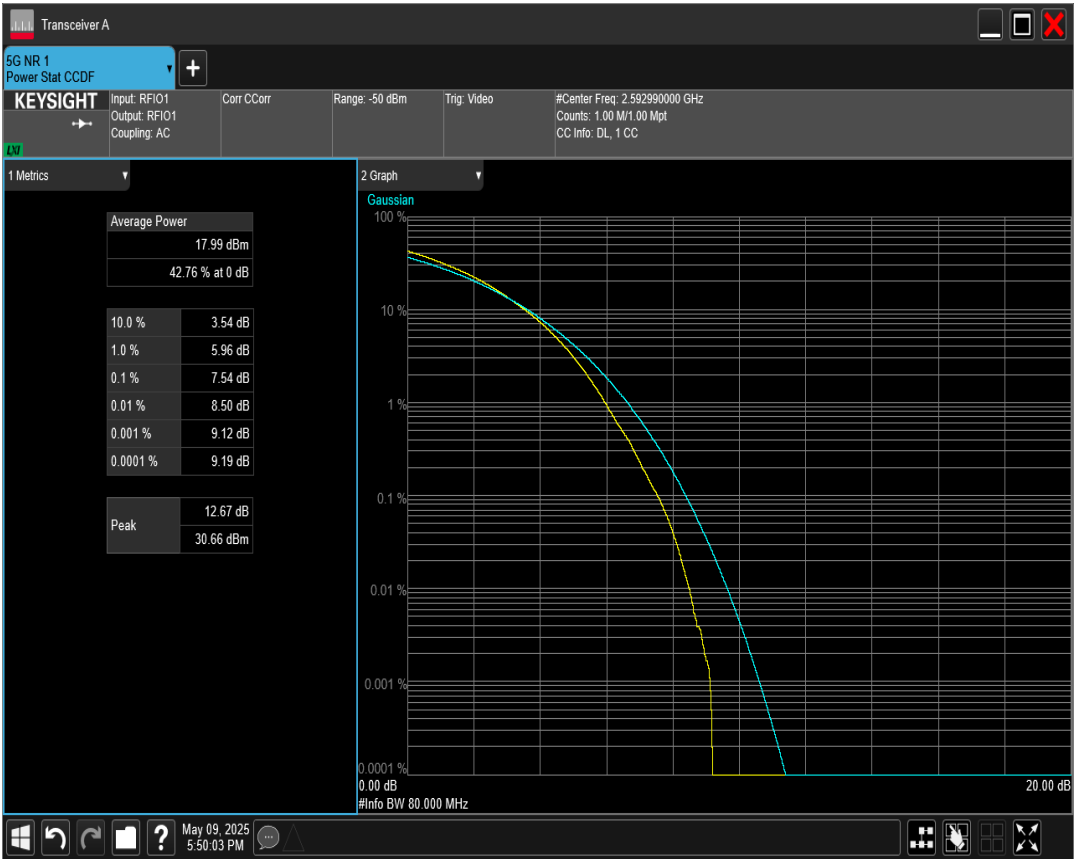
*n41 SCS=30kHz DFT\_QAM256 BW=60MHz Channel=531996 RB=162@0*



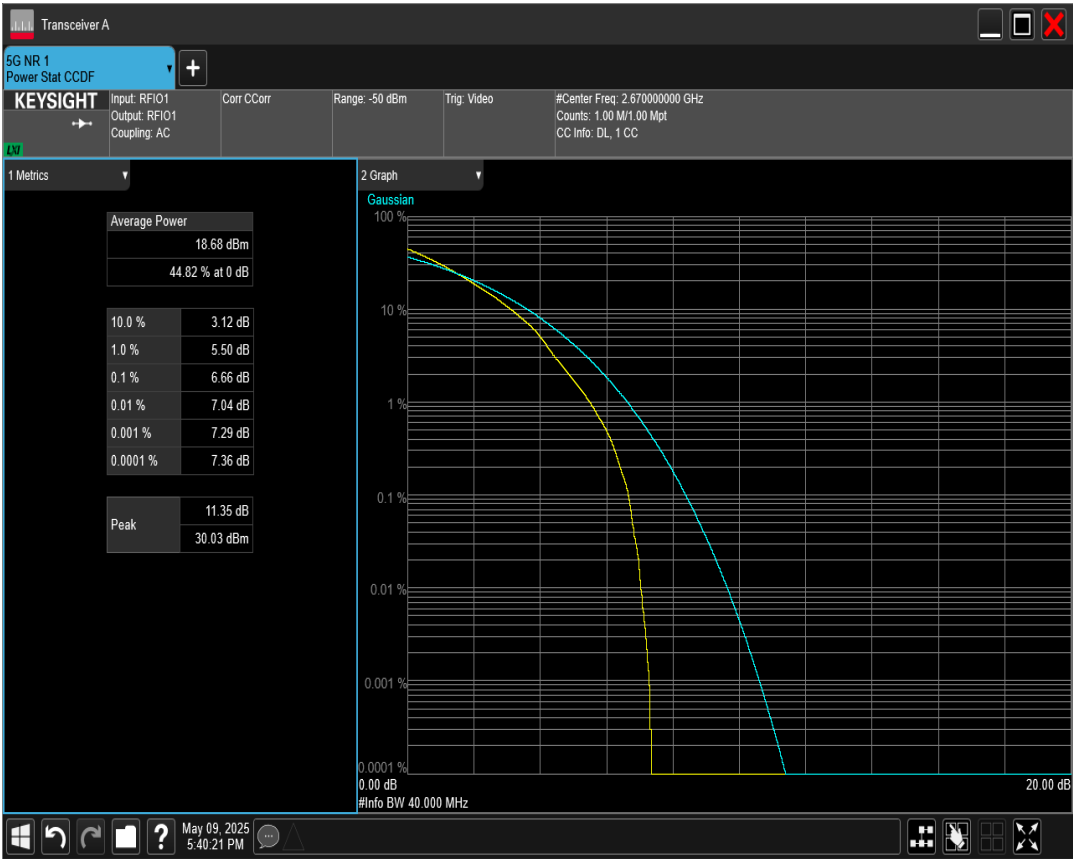
*n41 SCS=30kHz DFT\_QAM256 BW=80MHz Channel=529998 RB=216@0*



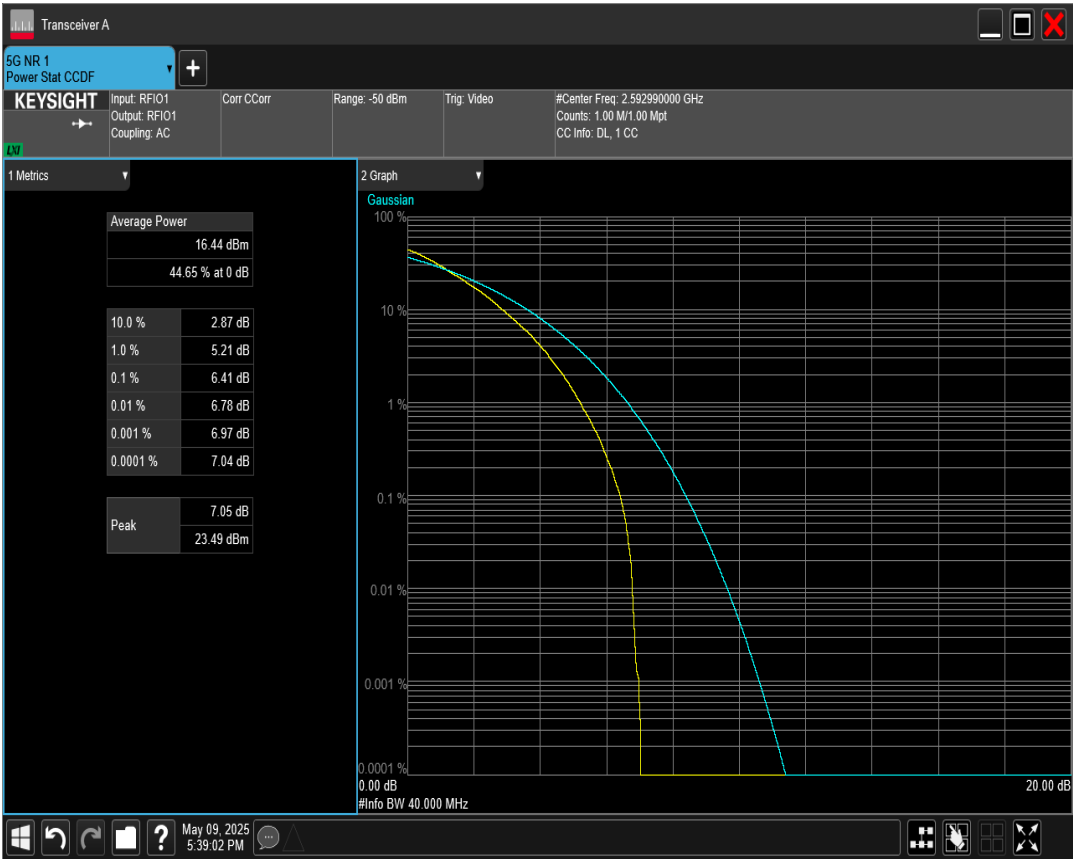
*n41 SCS=30kHz DFT\_QAM256 BW=80MHz Channel=518598 RB=216@0*



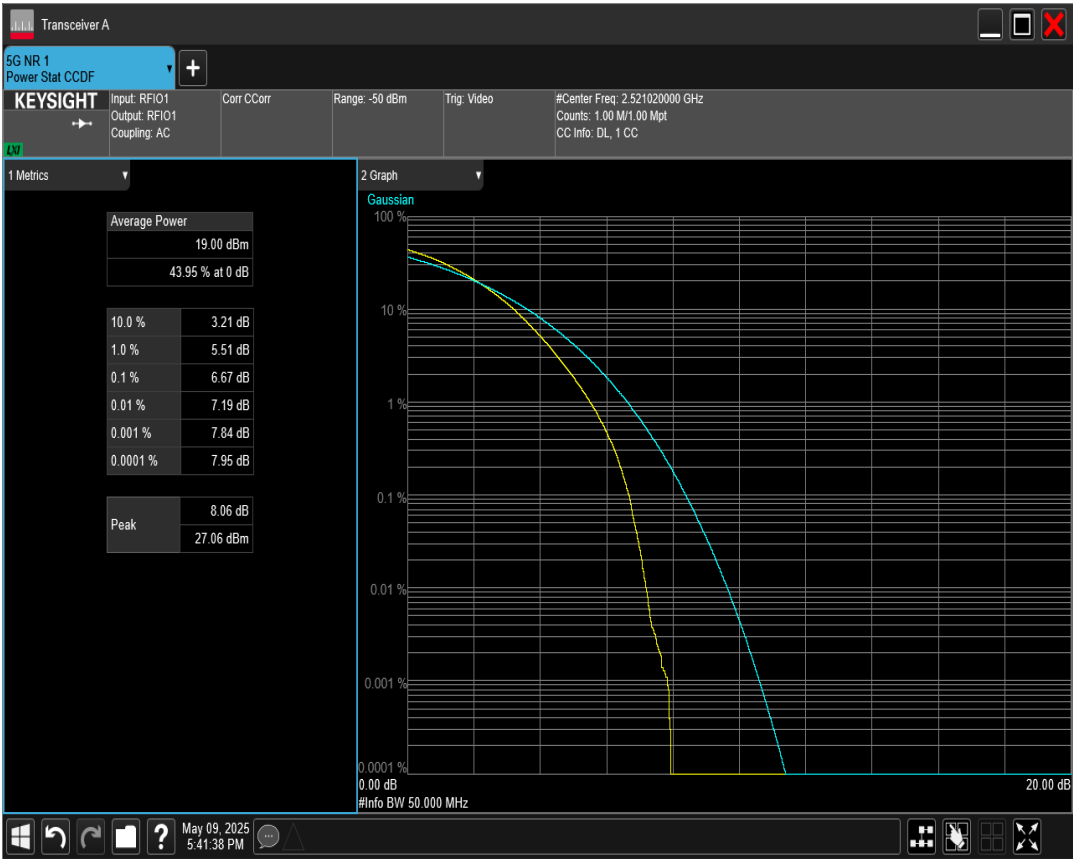
n41 SCS=30kHz DFT\_QAM64 BW=40MHz Channel=534000 RB=100@0



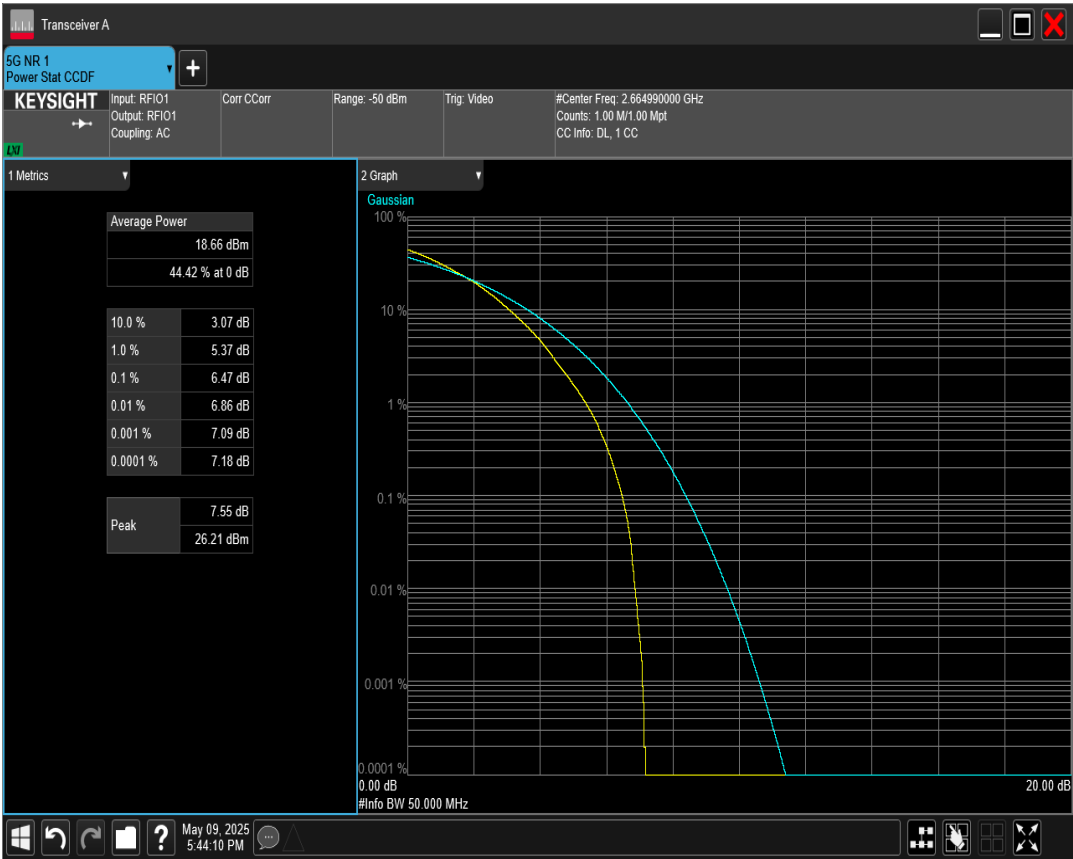
n41 SCS=30kHz DFT\_QAM64 BW=40MHz Channel=518598 RB=100@0



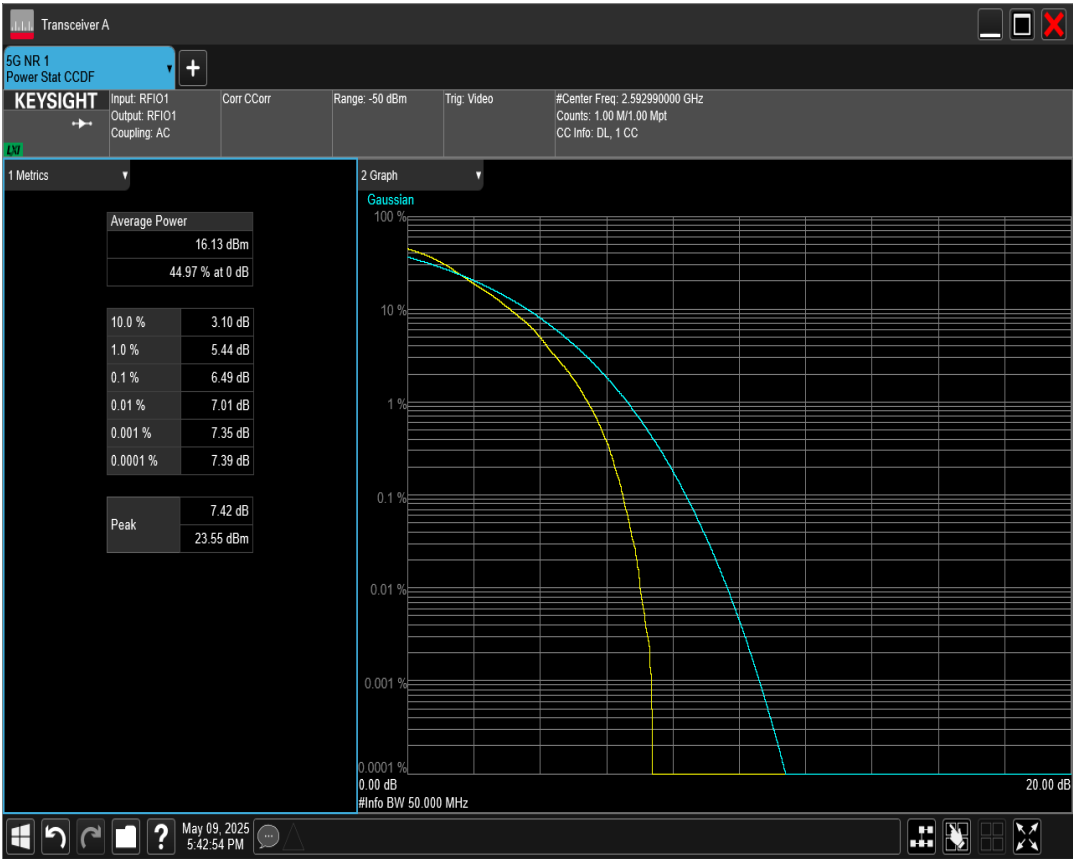
*n41 SCS=30kHz DFT\_QAM64 BW=50MHz Channel=504204 RB=128@0*



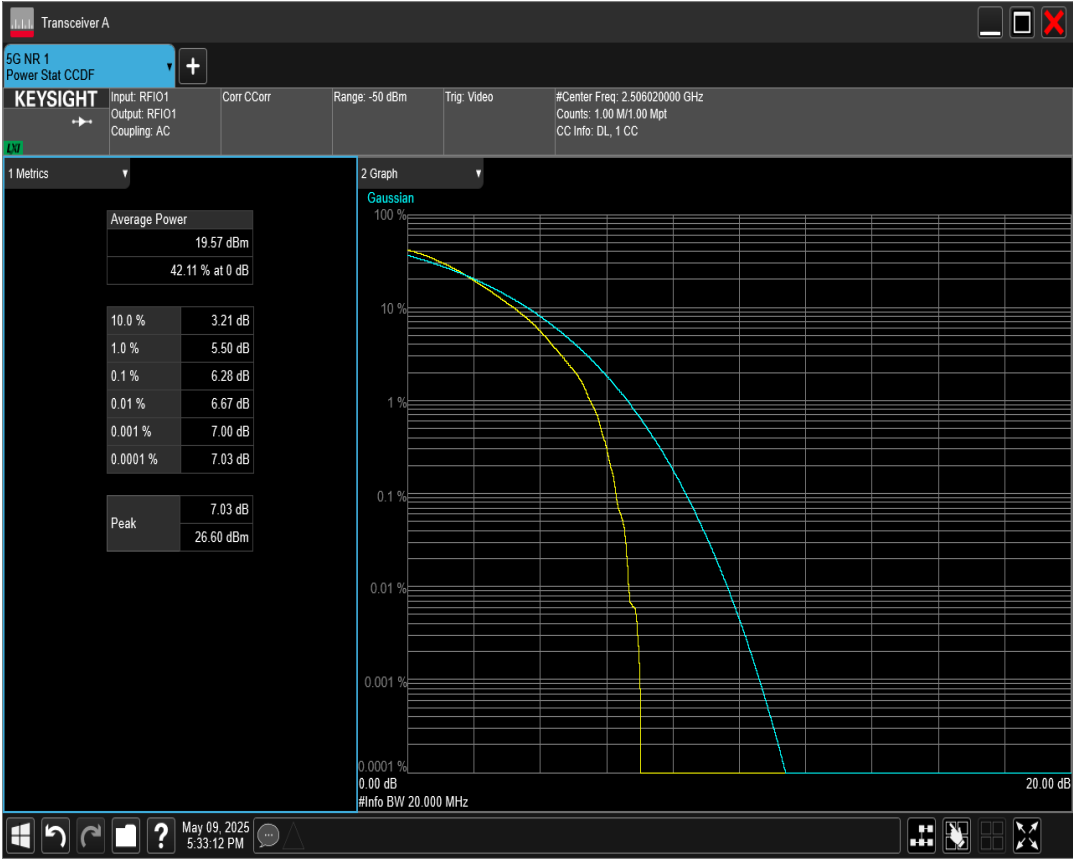
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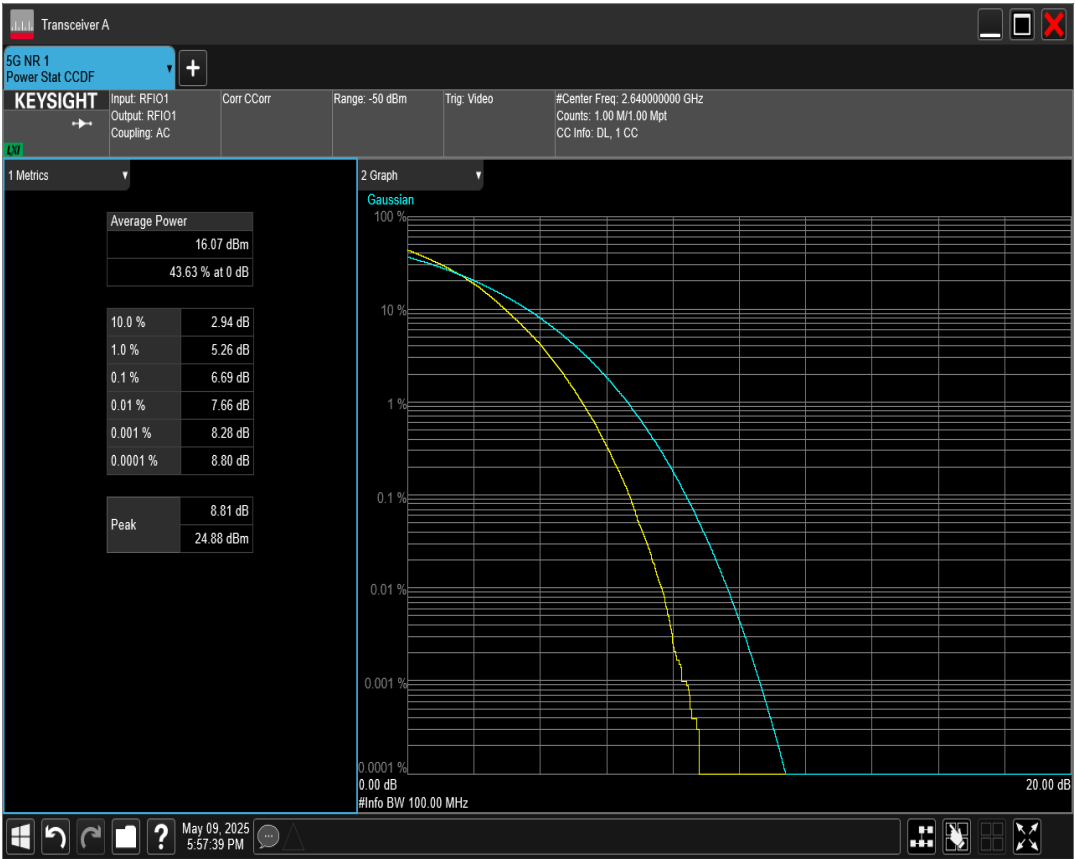
*n41 SCS=30kHz DFT\_QAM64 BW=50MHz Channel=518598 RB=128@0*



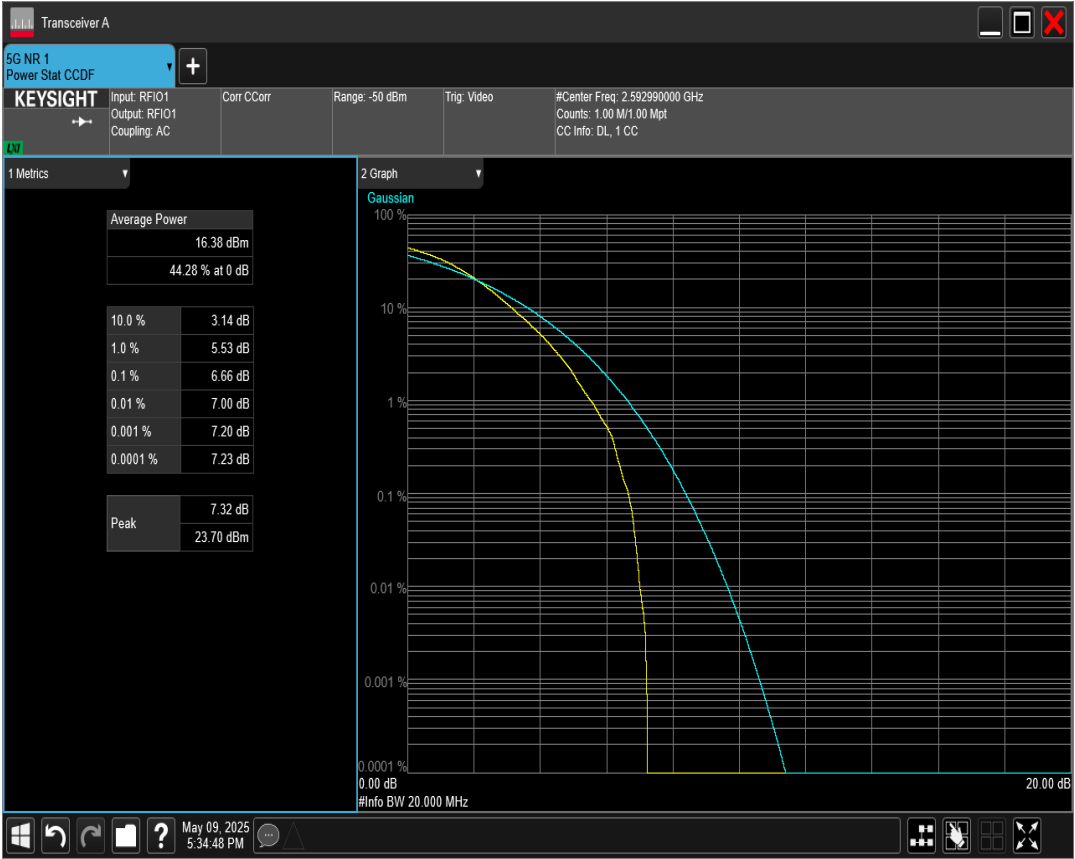
*n41 SCS=30kHz DFT\_QAM64 BW=20MHz Channel=501204 RB=50@0*



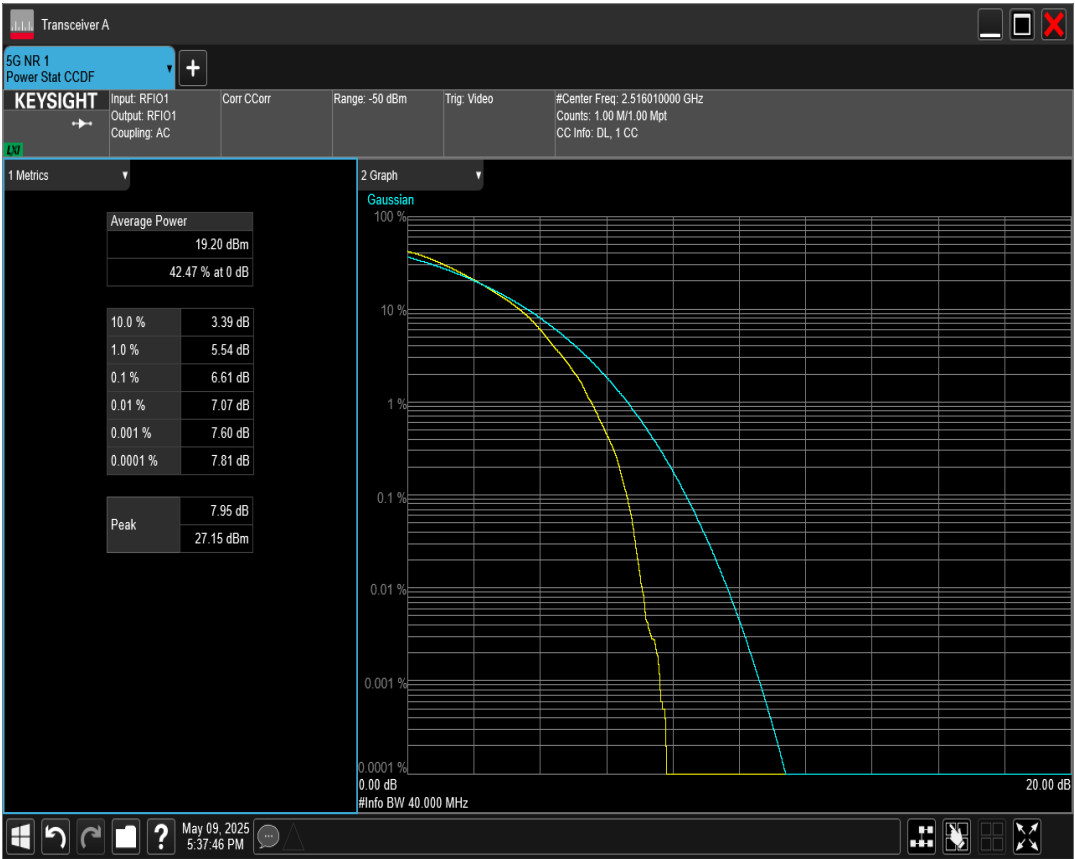
*n41 SCS=30kHz DFT\_QAM64 BW=100MHz Channel=528000 RB=270@0*



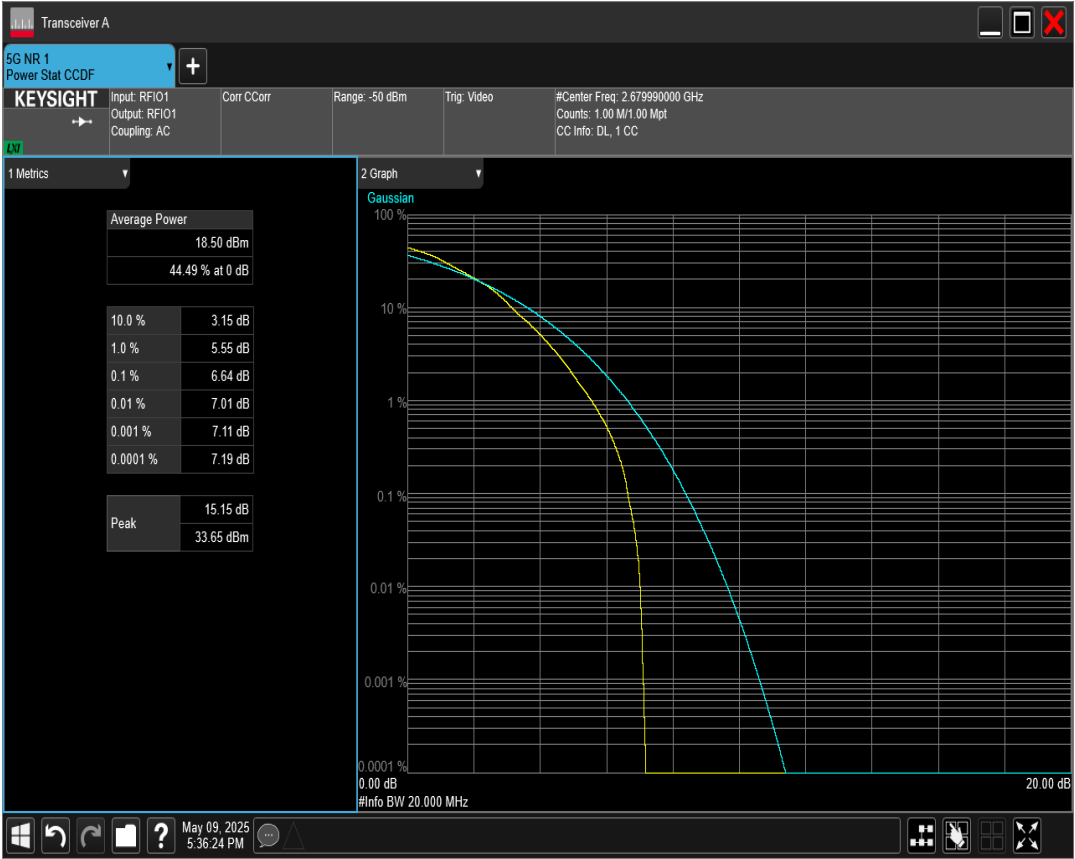
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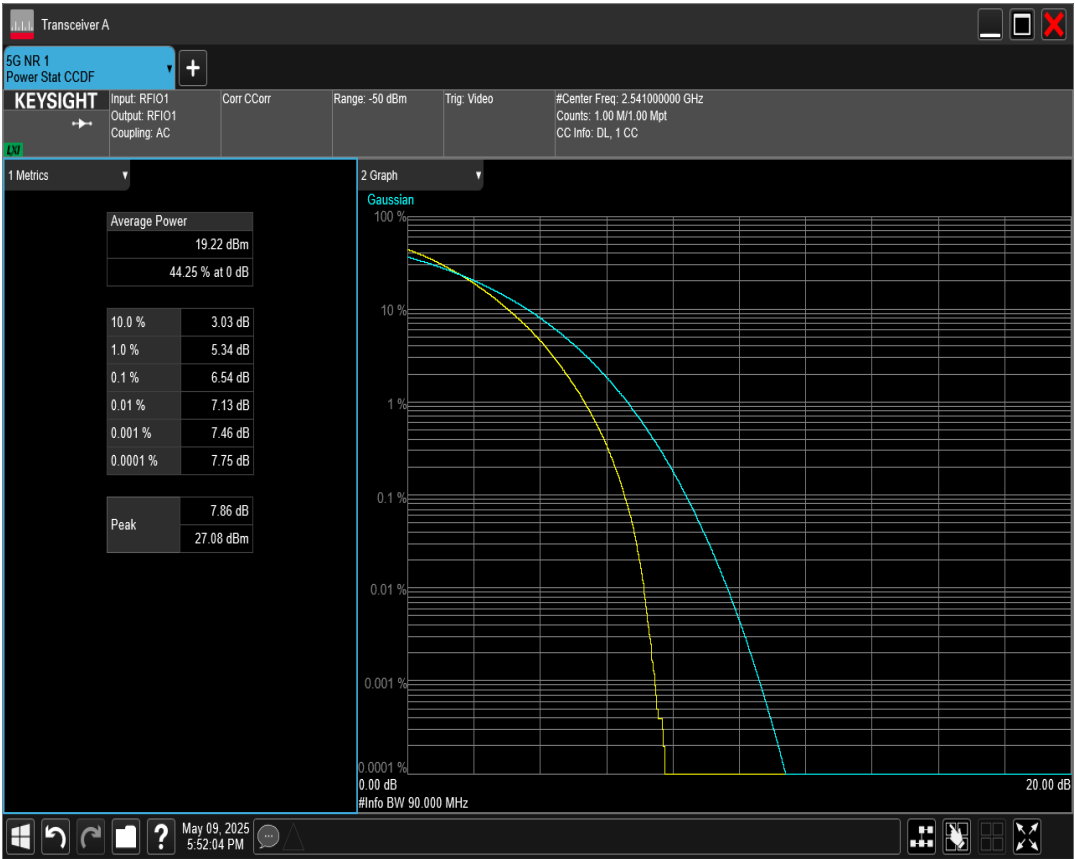
*n41 SCS=30kHz DFT\_QAM64 BW=40MHz Channel=503202 RB=100@0*



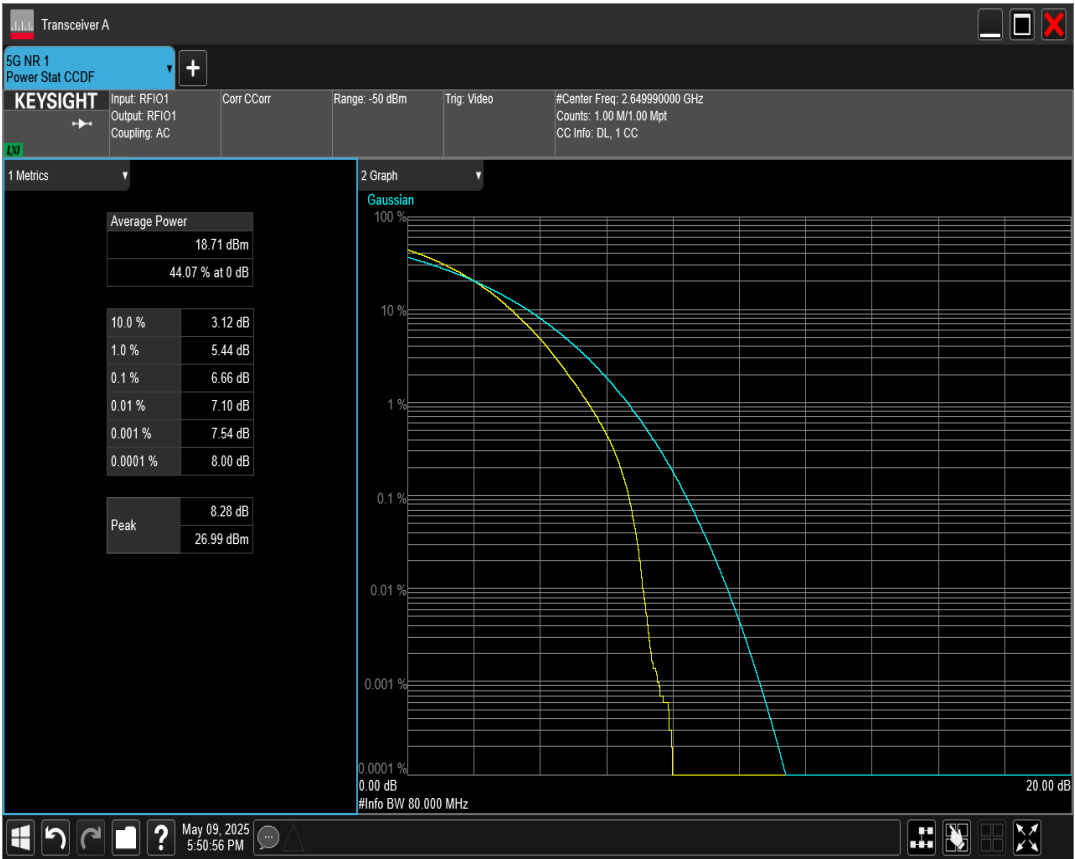
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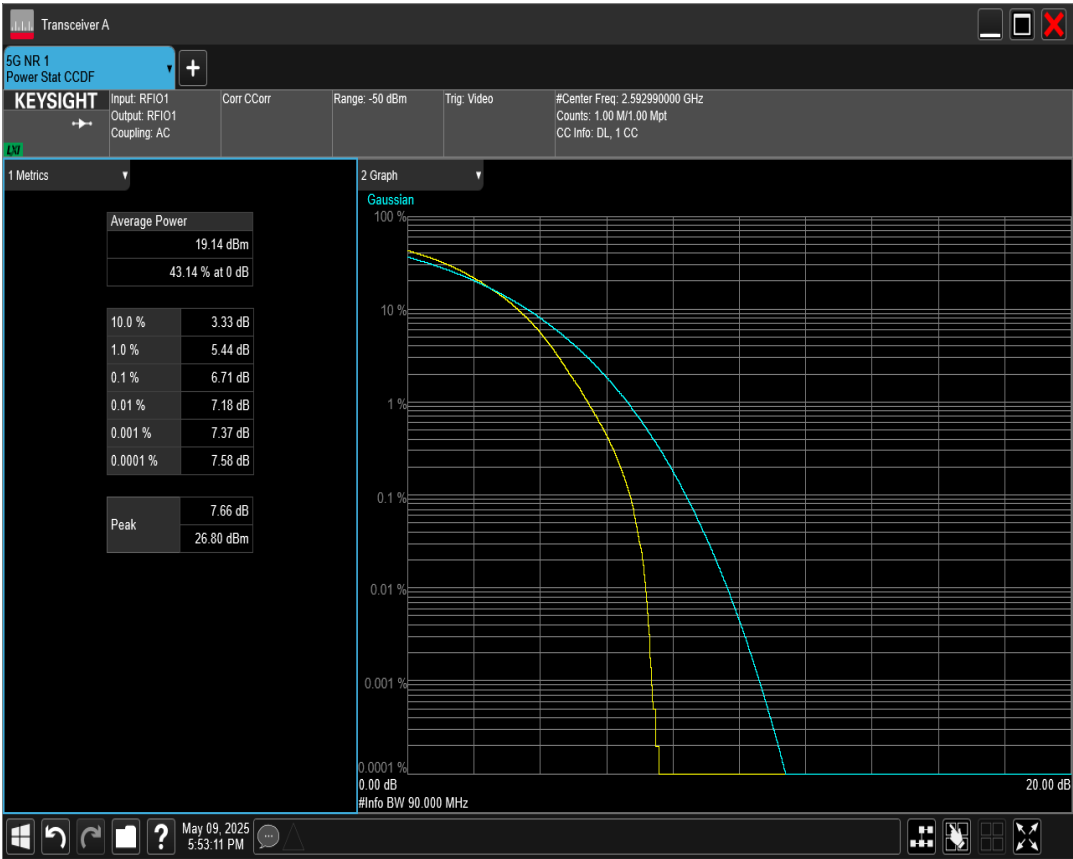
n41 SCS=30kHz DFT\_QAM64 BW=90MHz Channel=508200 RB=240@0



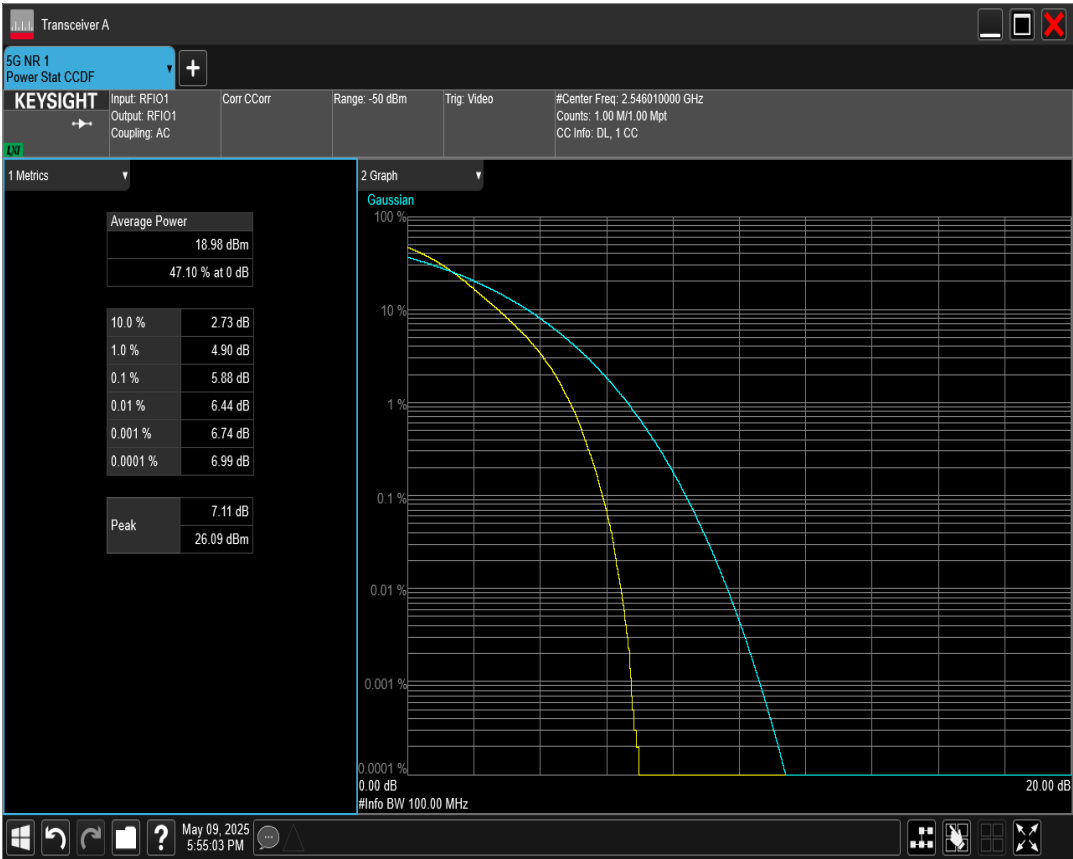
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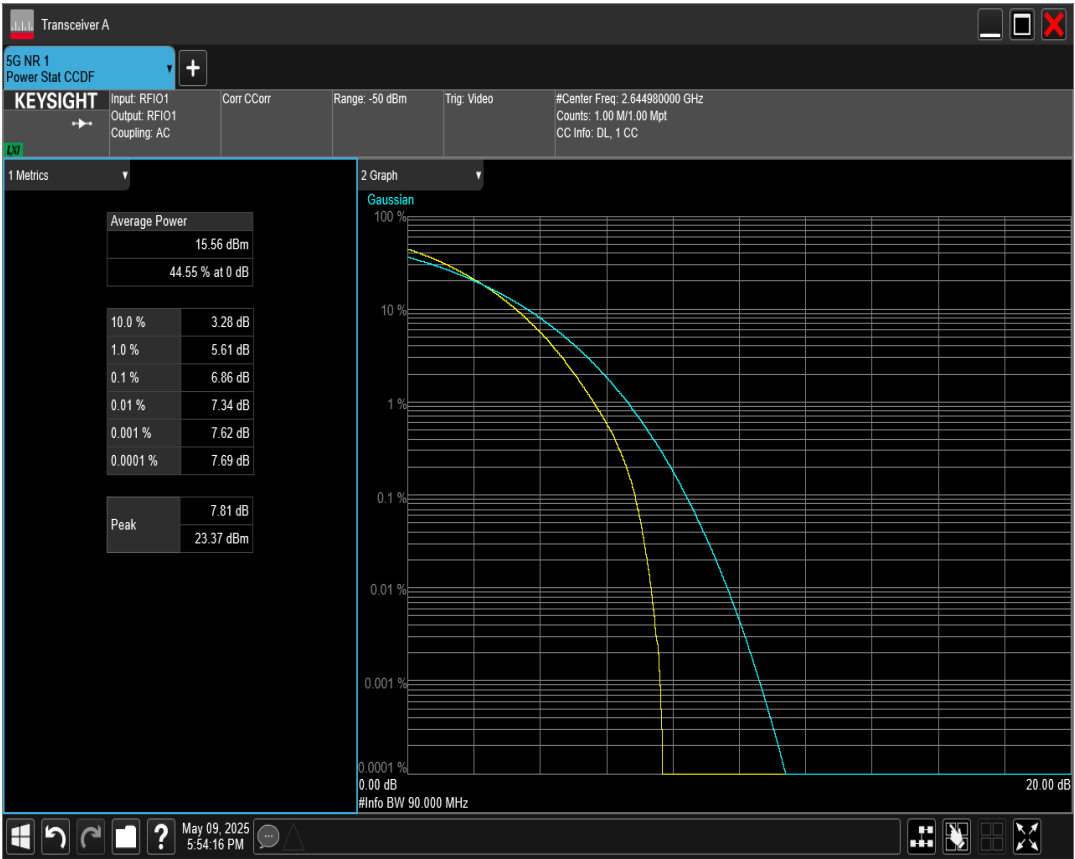
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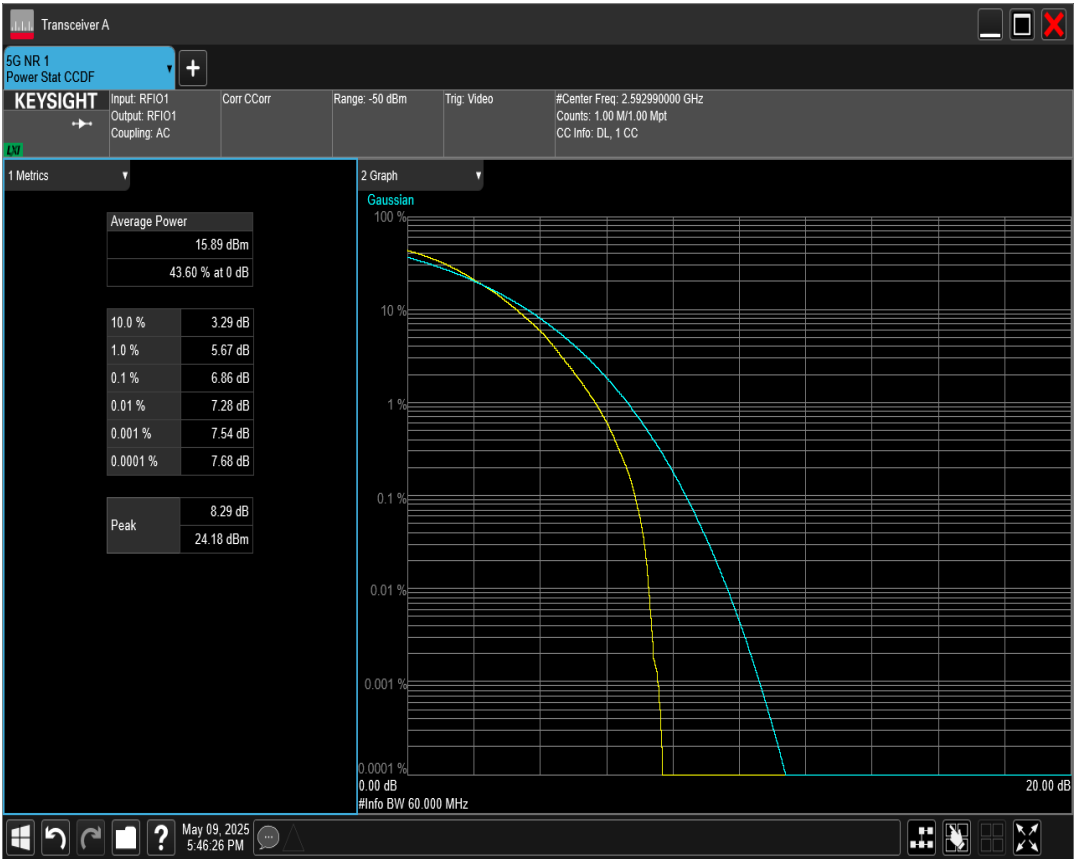
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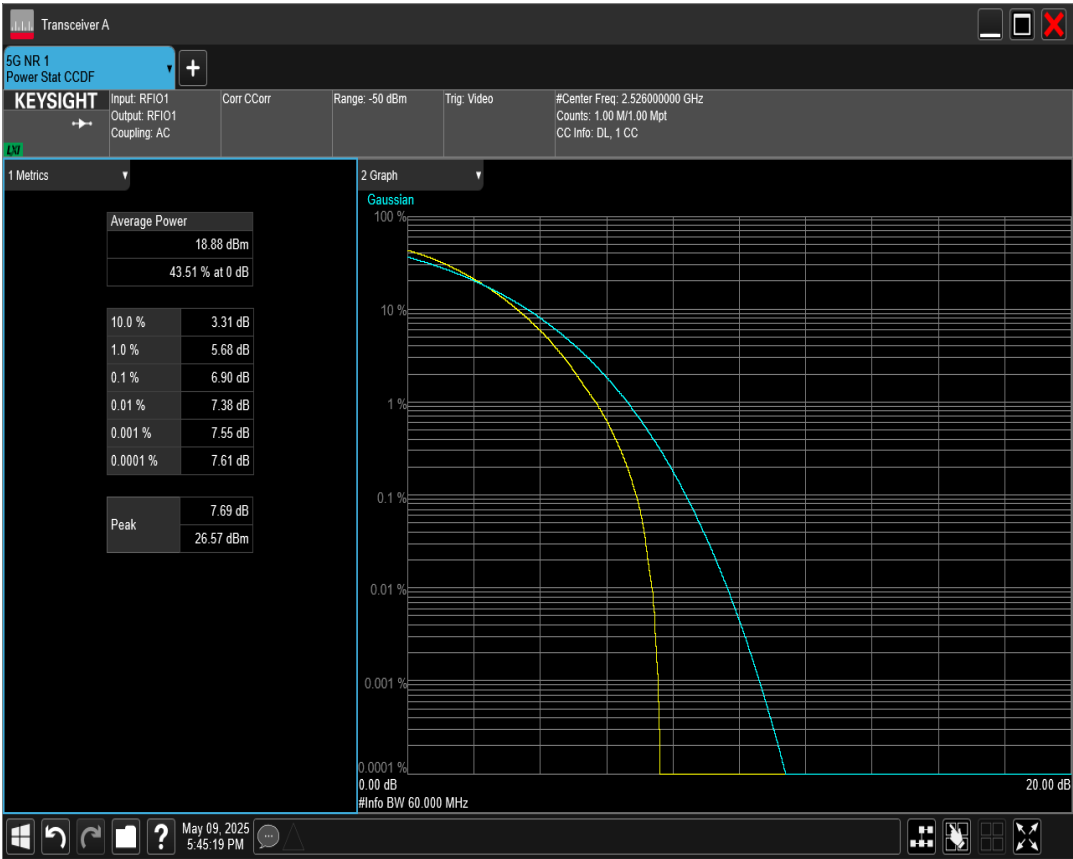
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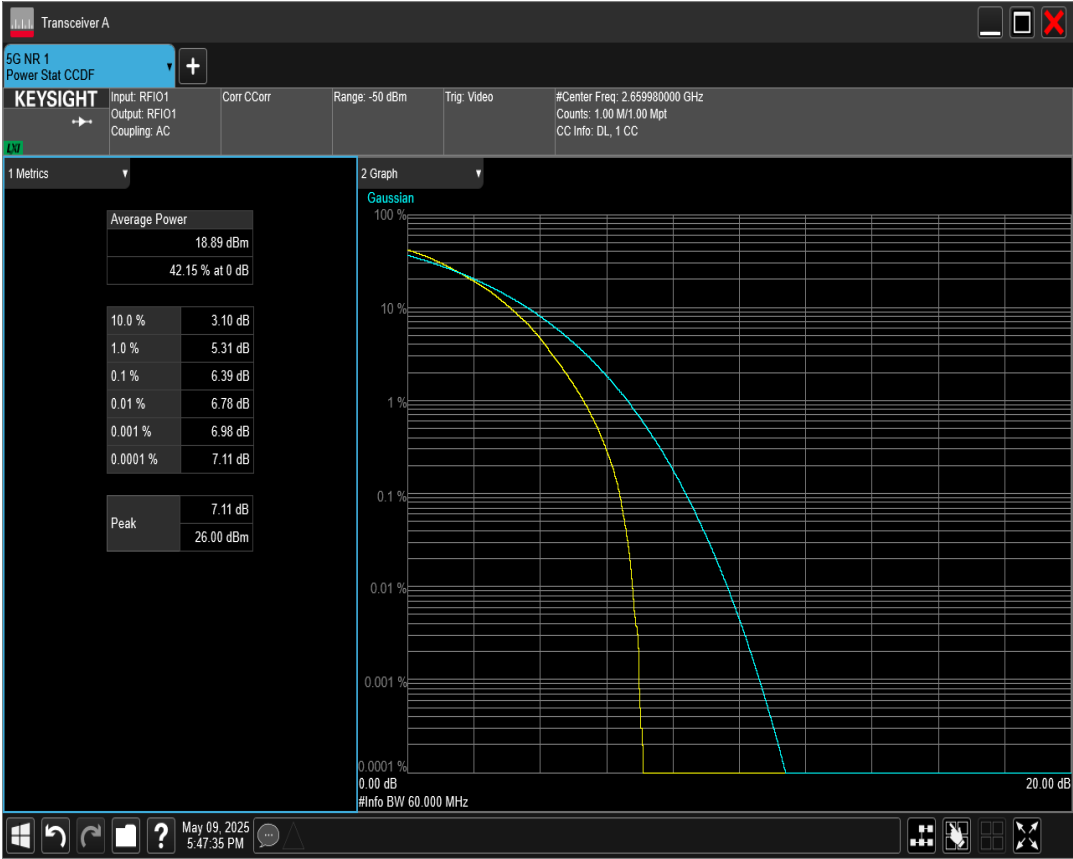
n41 SCS=30kHz DFT\_QAM64 BW=60MHz Channel=518598 RB=162@0



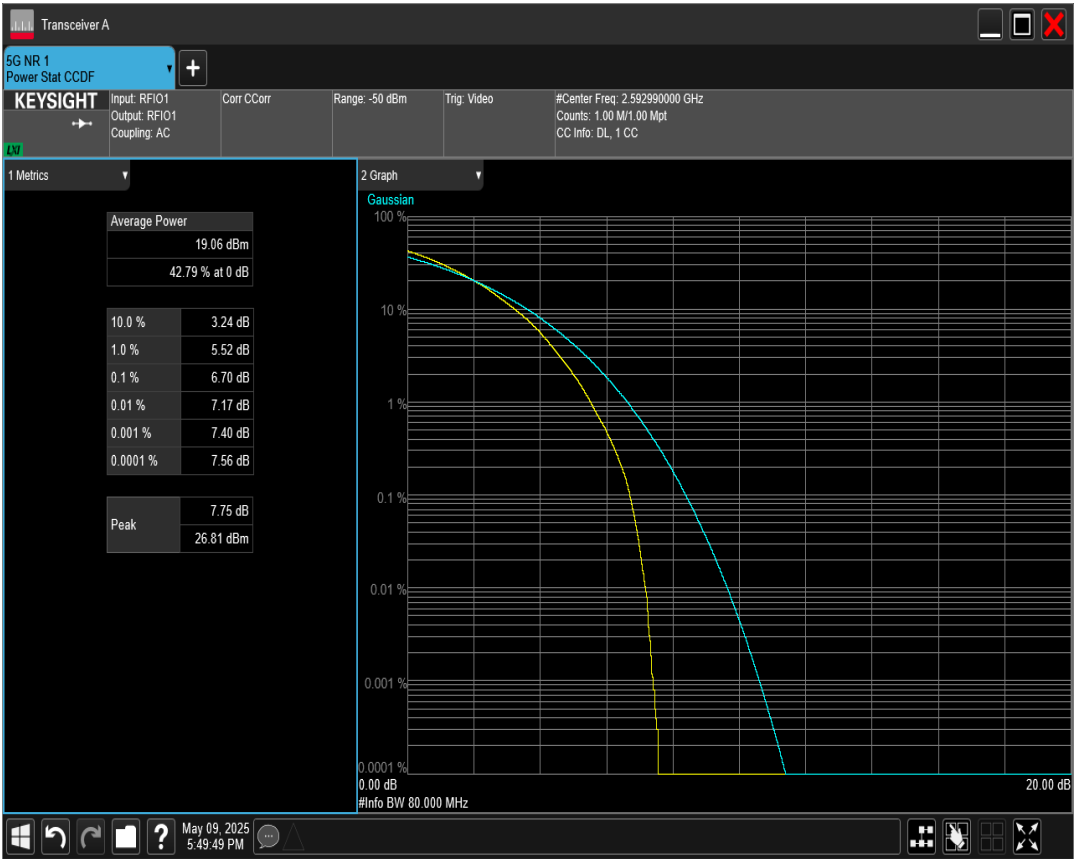
n41 SCS=30kHz DFT\_QAM64 BW=60MHz Channel=505200 RB=162@0



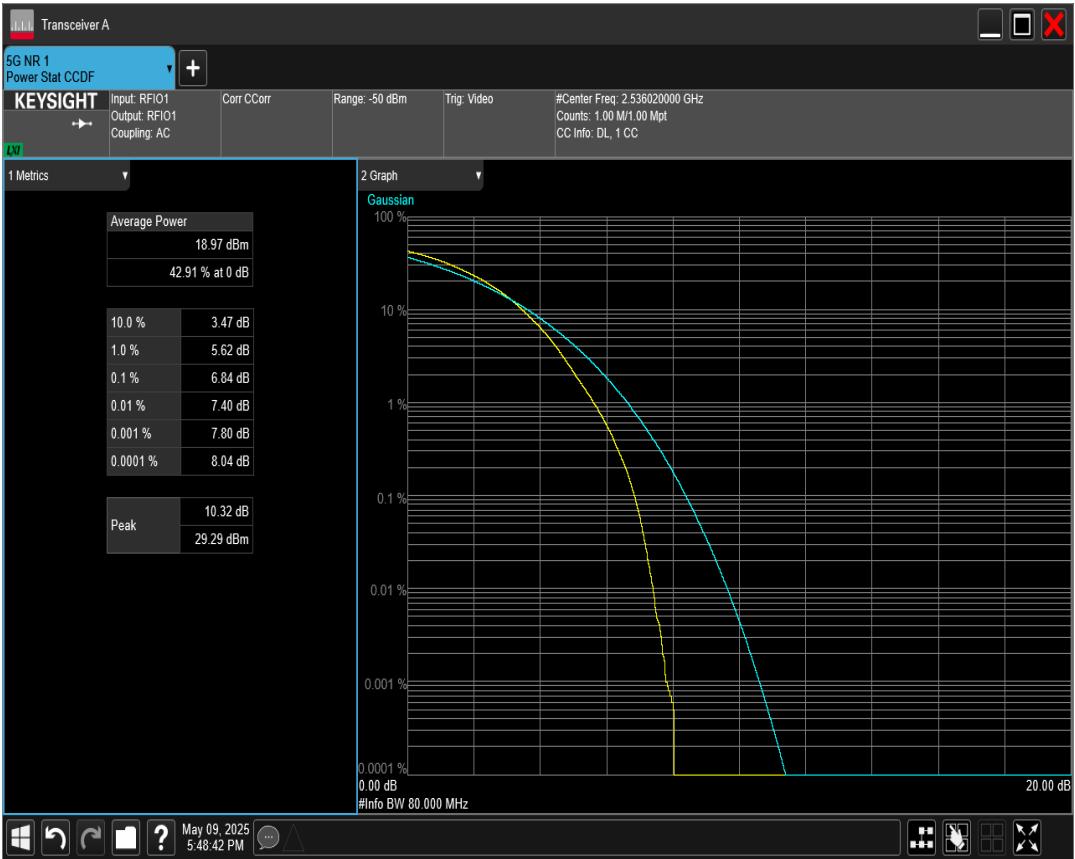
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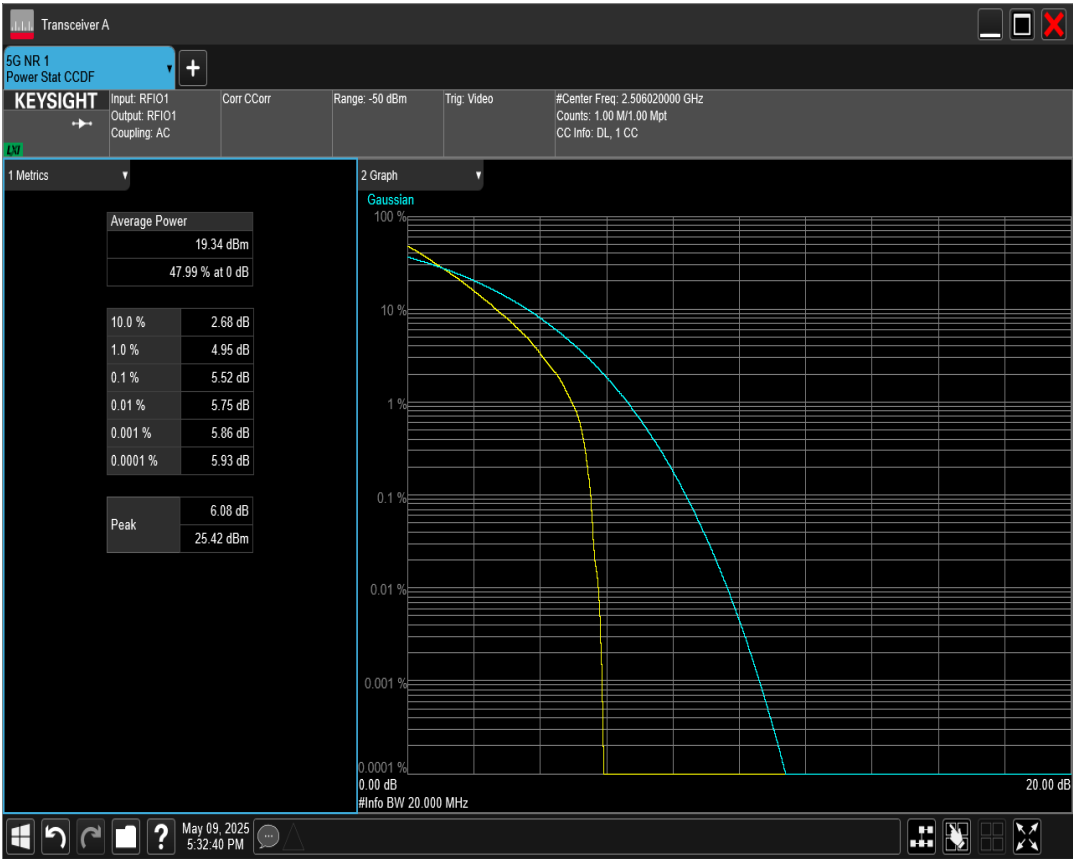
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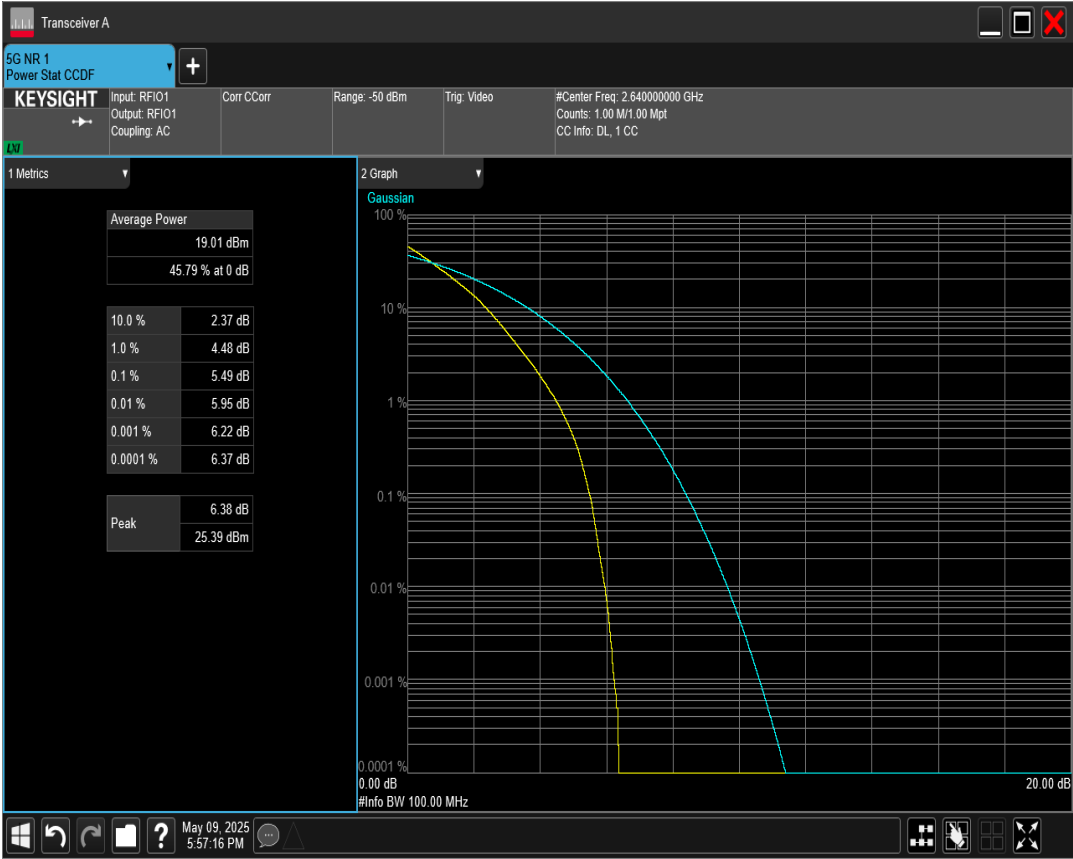
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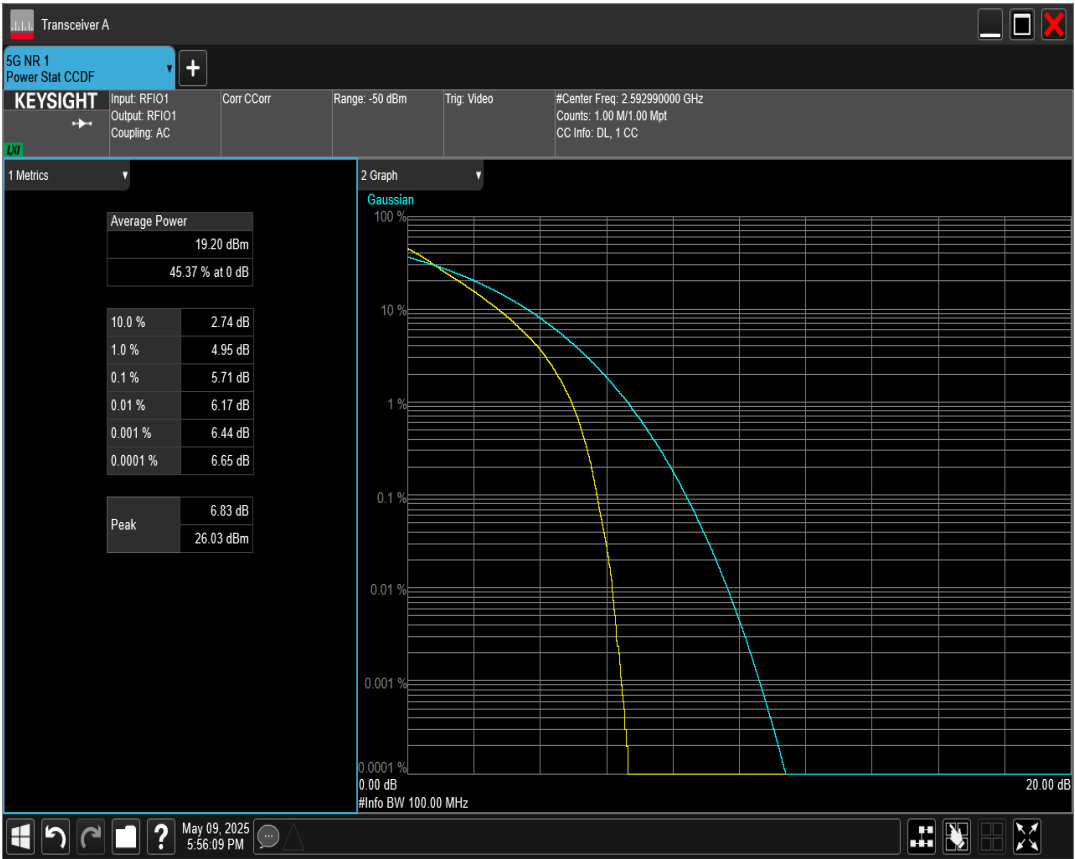
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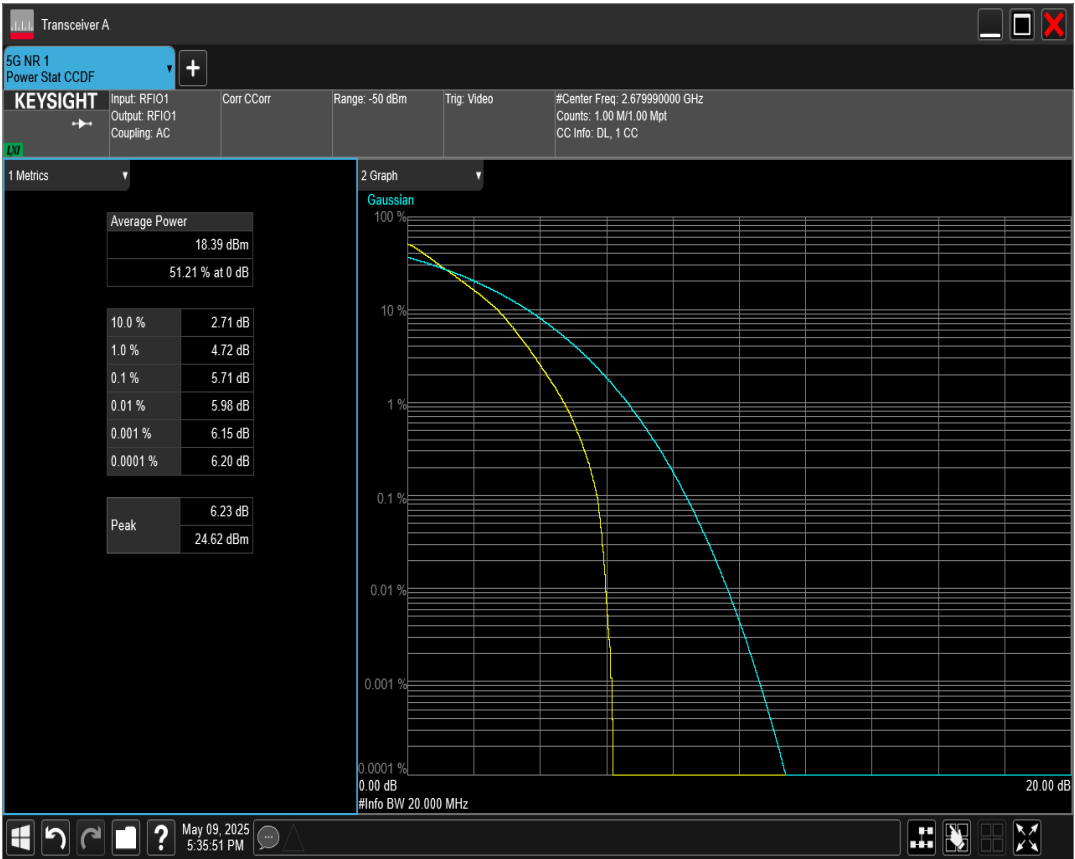
*n41 SCS=30kHz DFT\_QPSK BW=100MHz Channel=528000 RB=270@0*



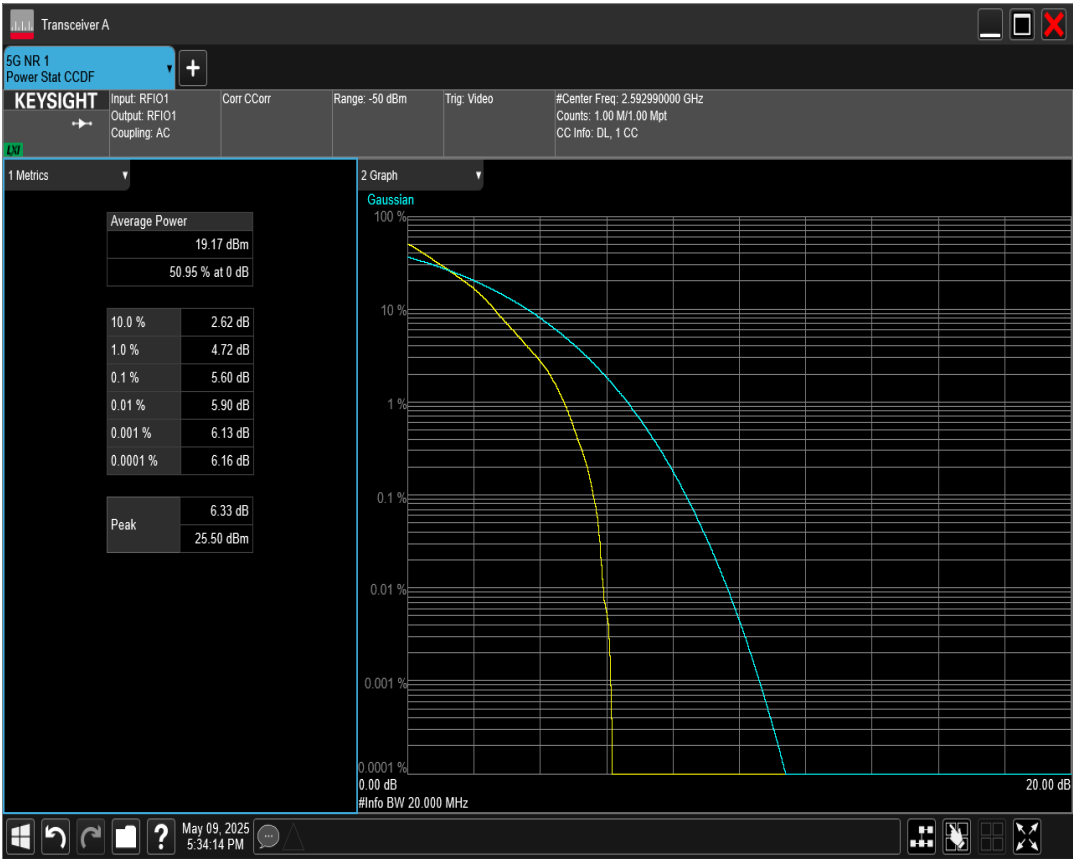
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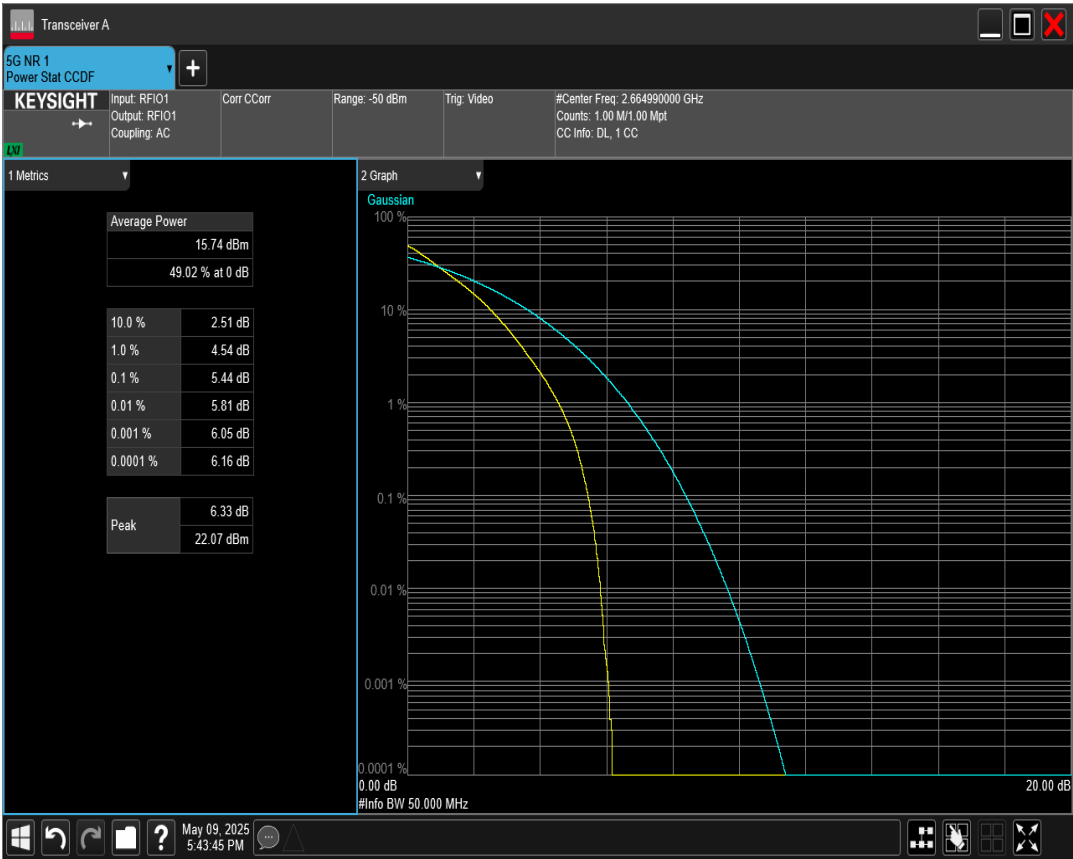
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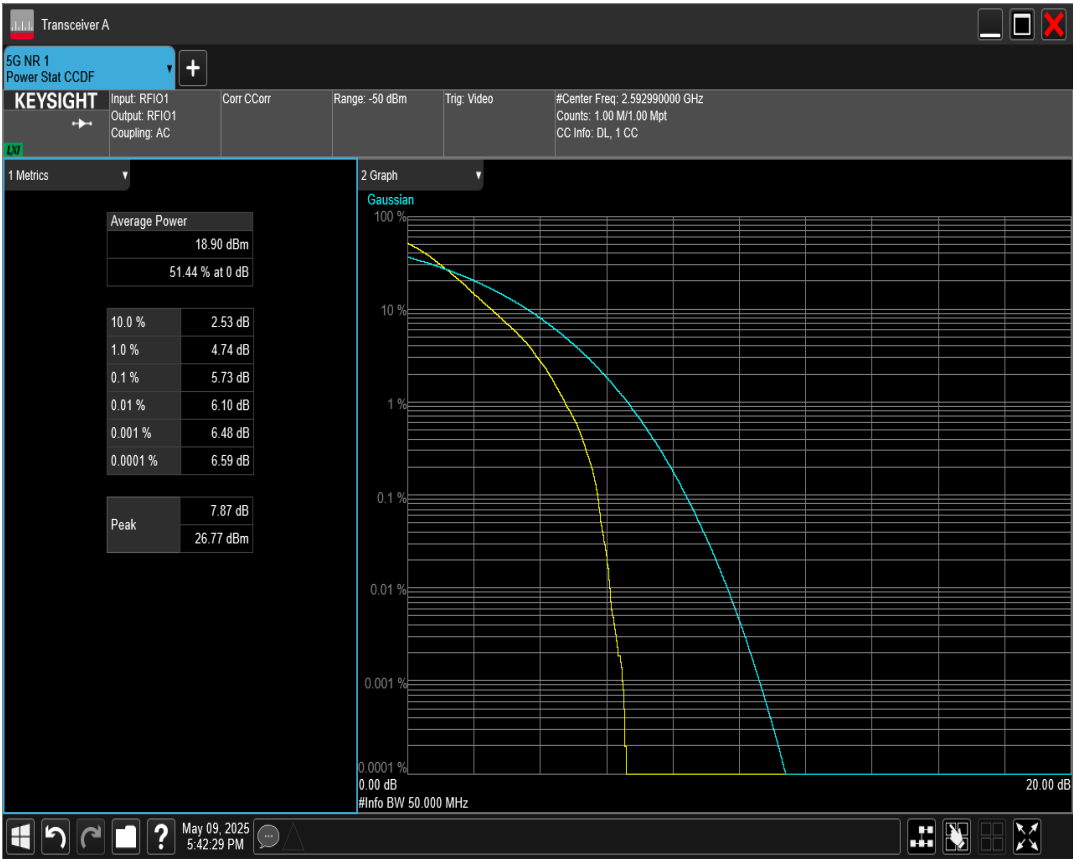
*n41 SCS=30kHz DFT\_QPSK BW=20MHz Channel=518598 RB=50@0*



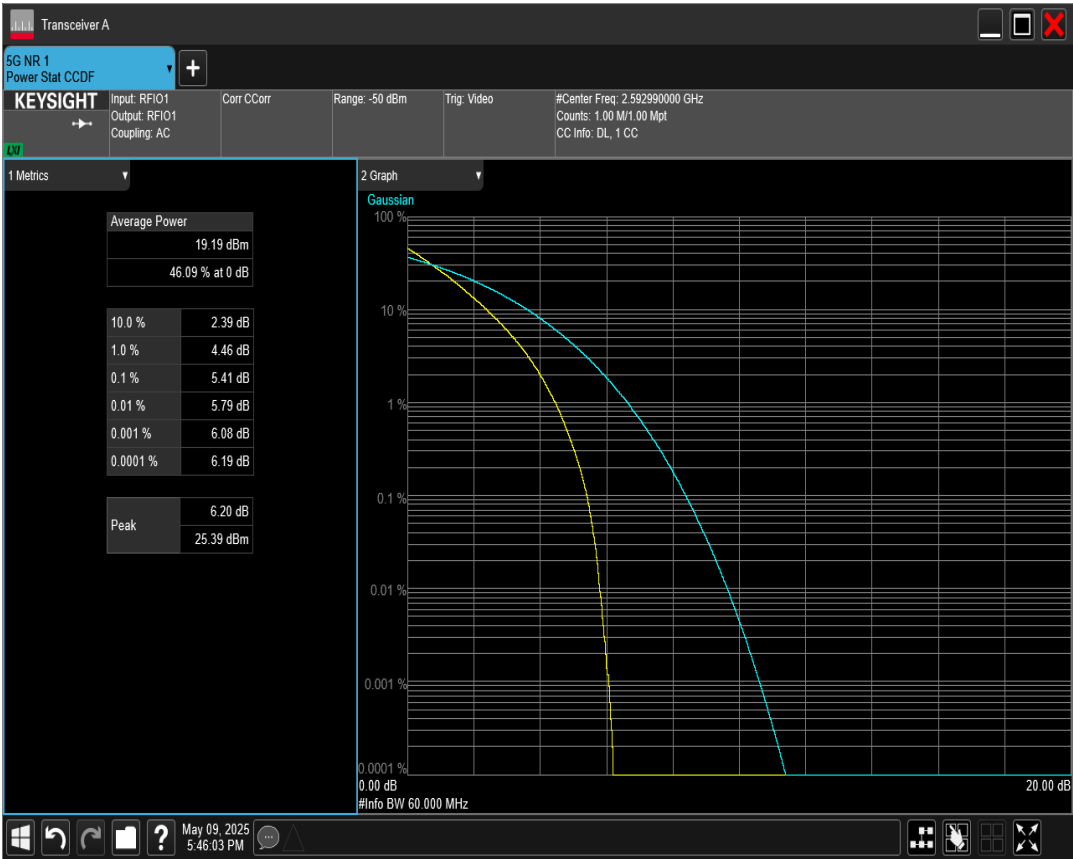
*n41 SCS=30kHz DFT\_QPSK BW=50MHz Channel=532998 RB=128@0*



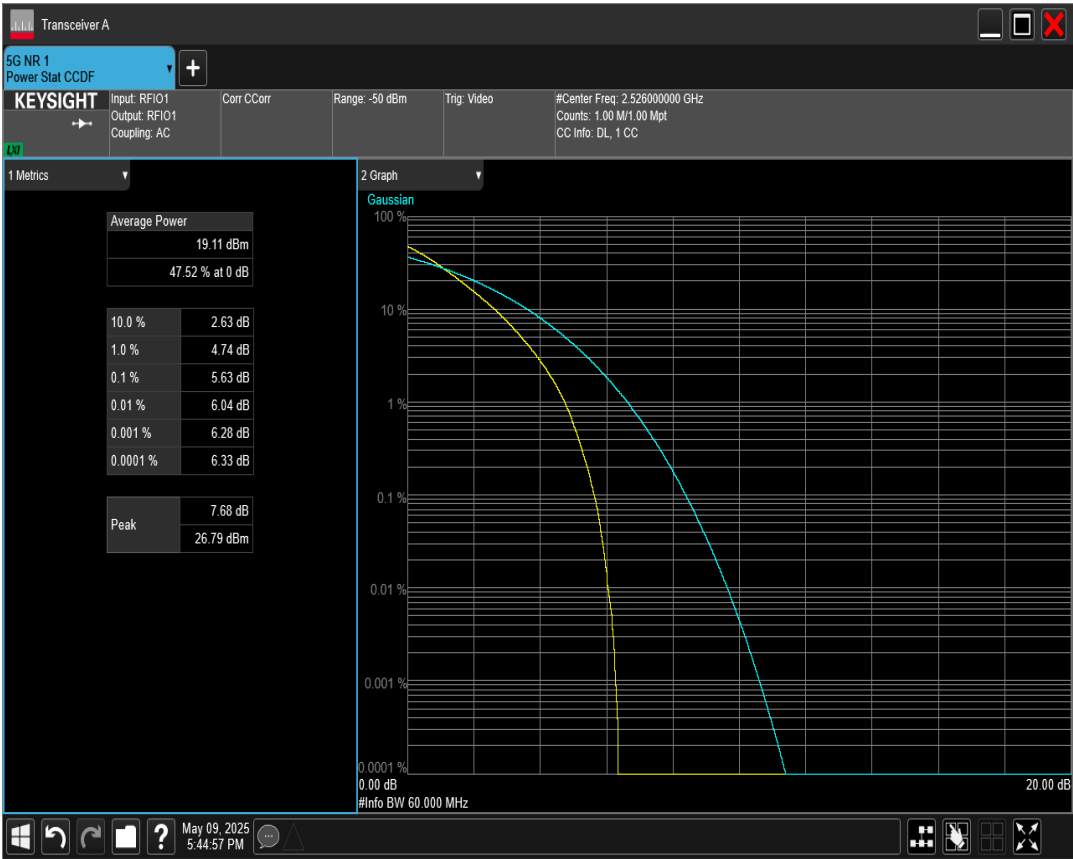
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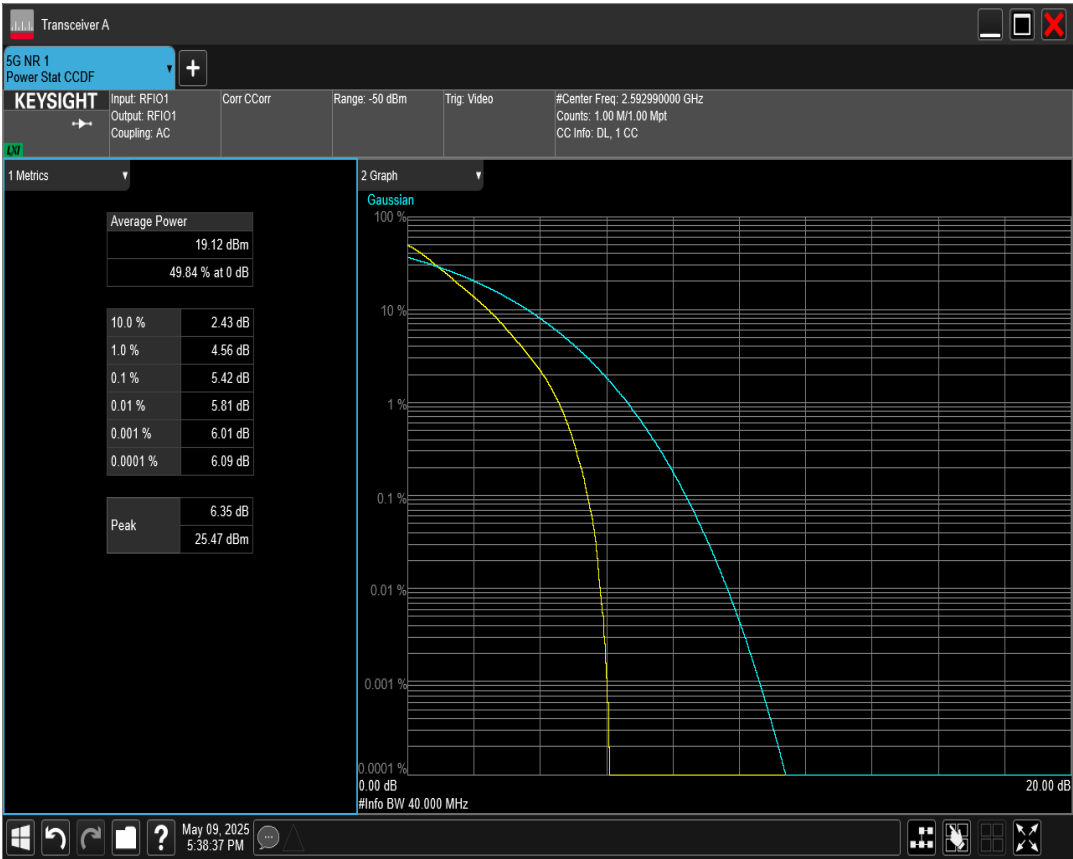
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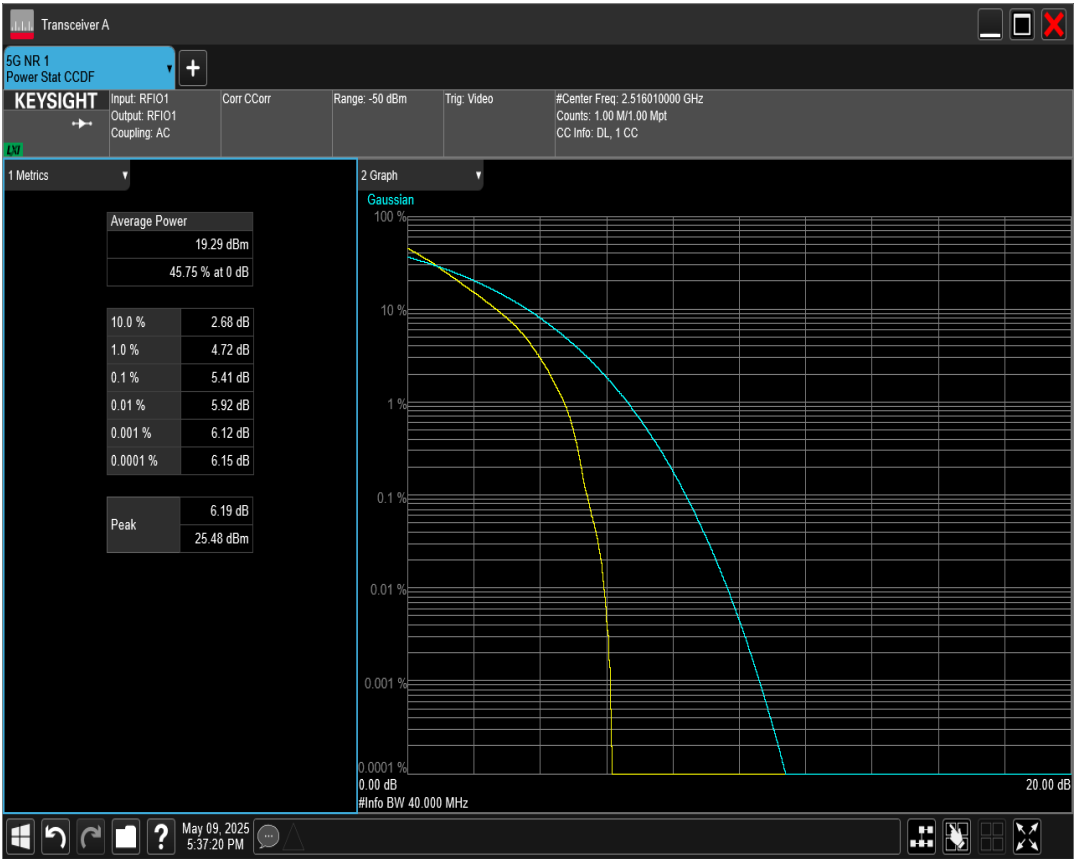
*n41 SCS=30kHz DFT\_QPSK BW=60MHz Channel=505200 RB=162@0*



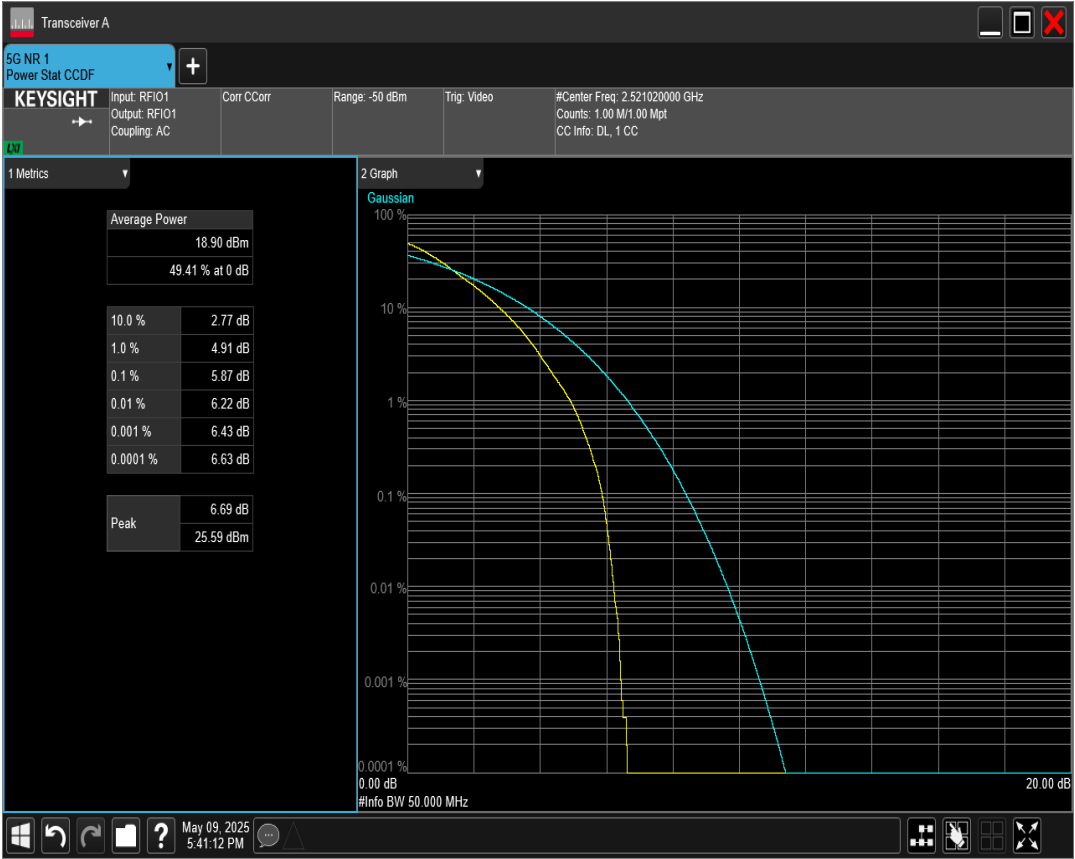
*n41 SCS=30kHz DFT\_QPSK BW=40MHz Channel=518598 RB=100@0*



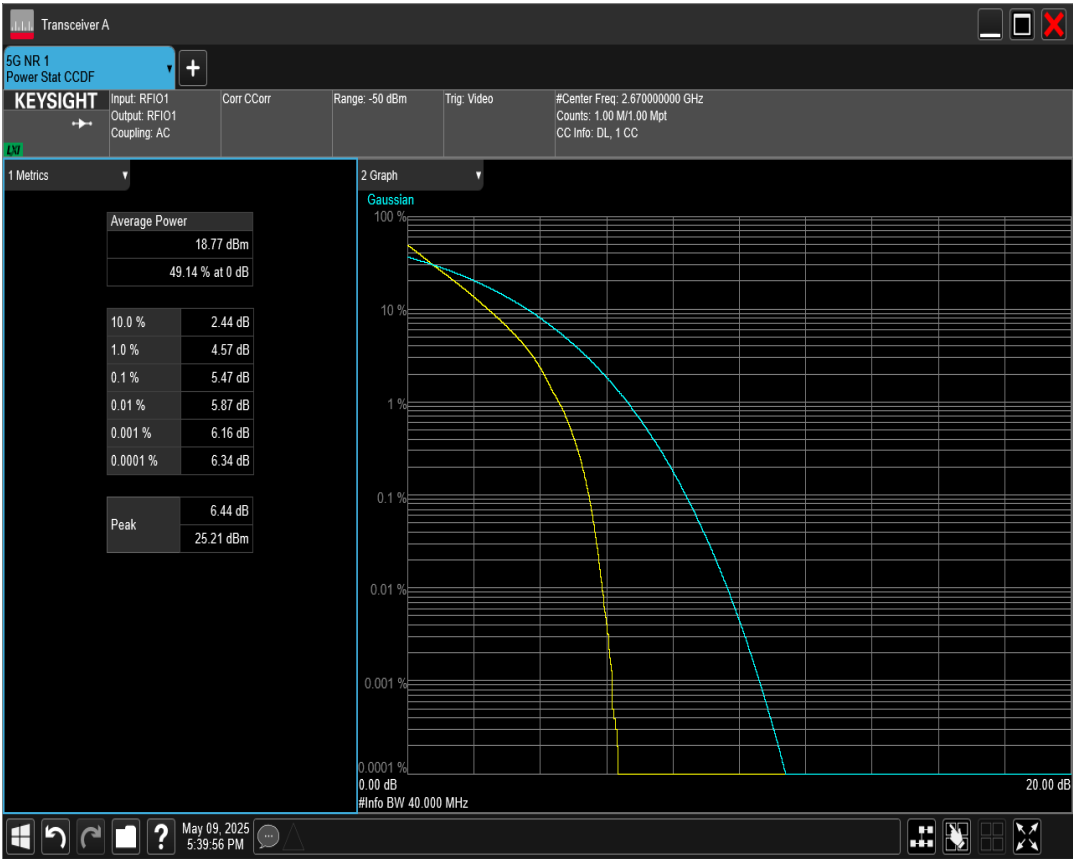
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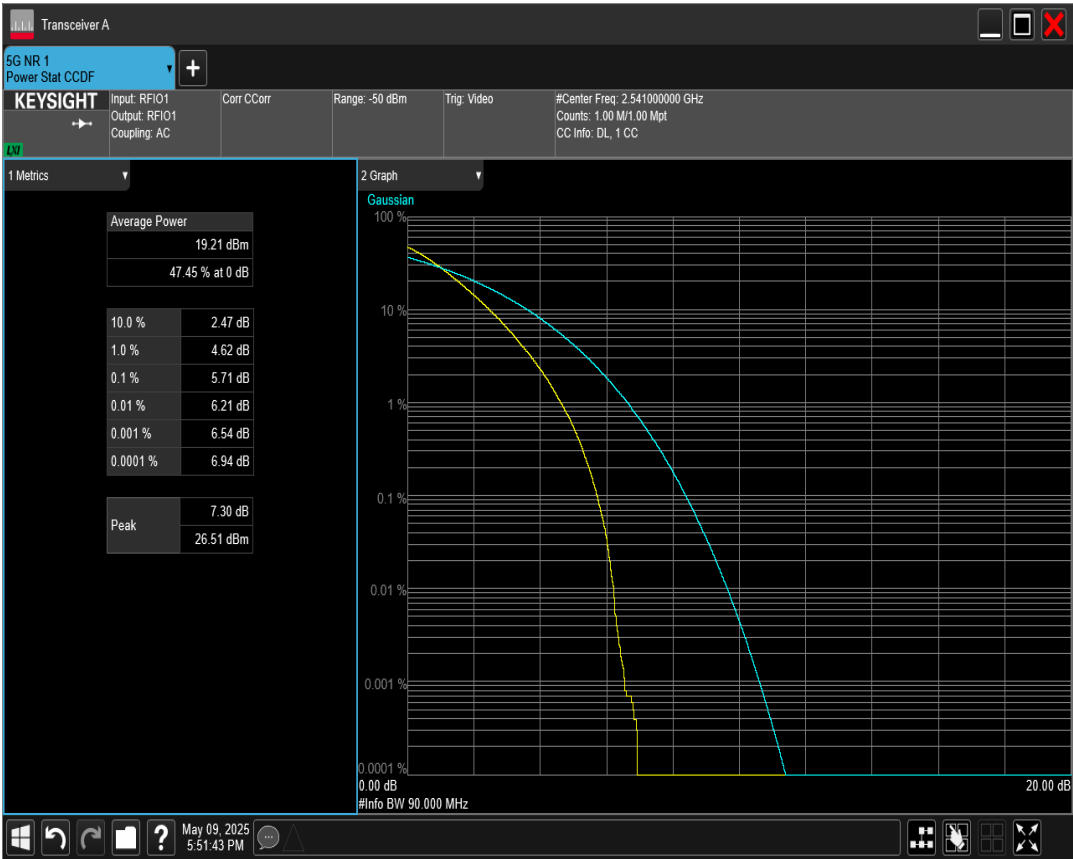
*n41 SCS=30kHz DFT\_QPSK BW=50MHz Channel=504204 RB=128@0*



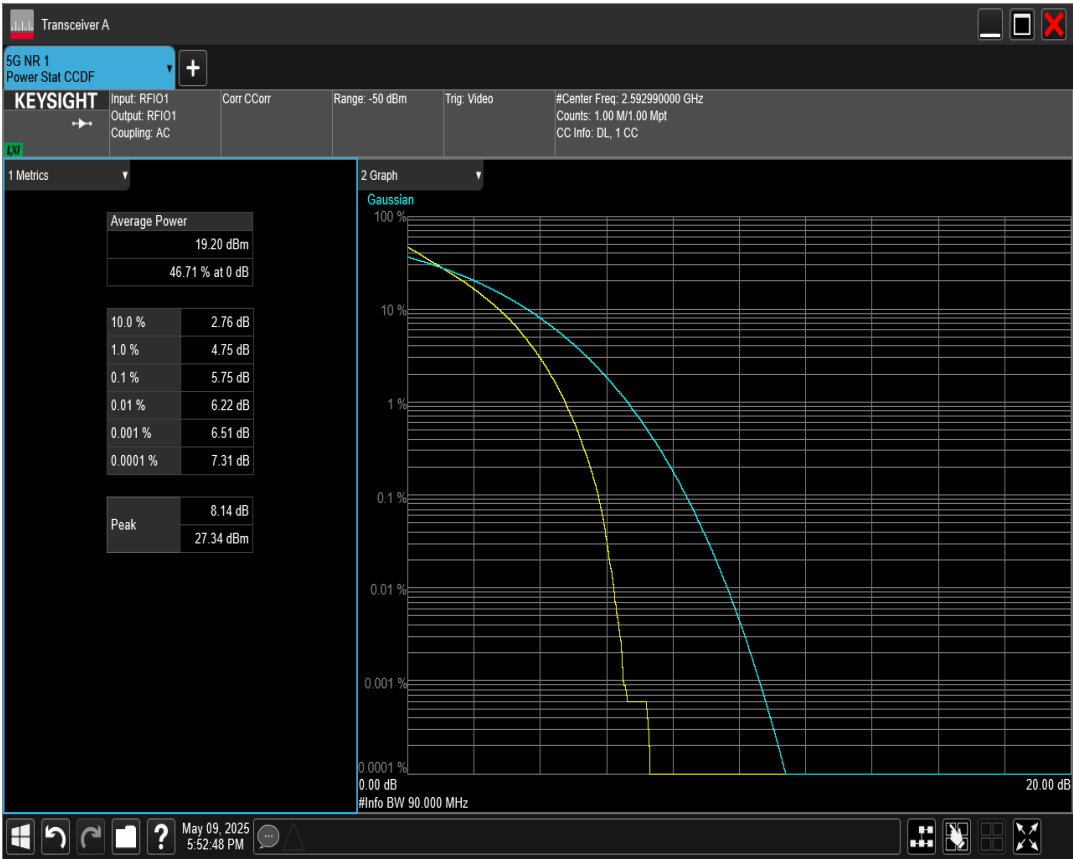
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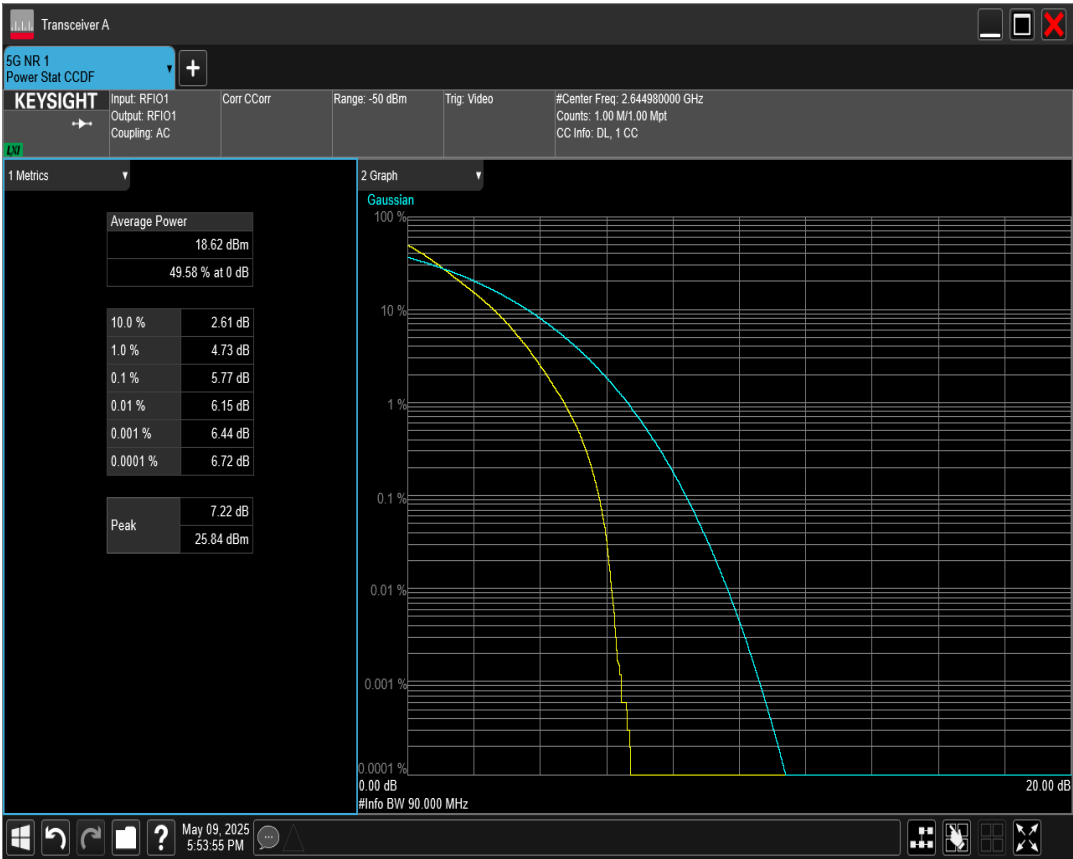
*n41 SCS=30kHz DFT\_QPSK BW=90MHz Channel=508200 RB=240@0*



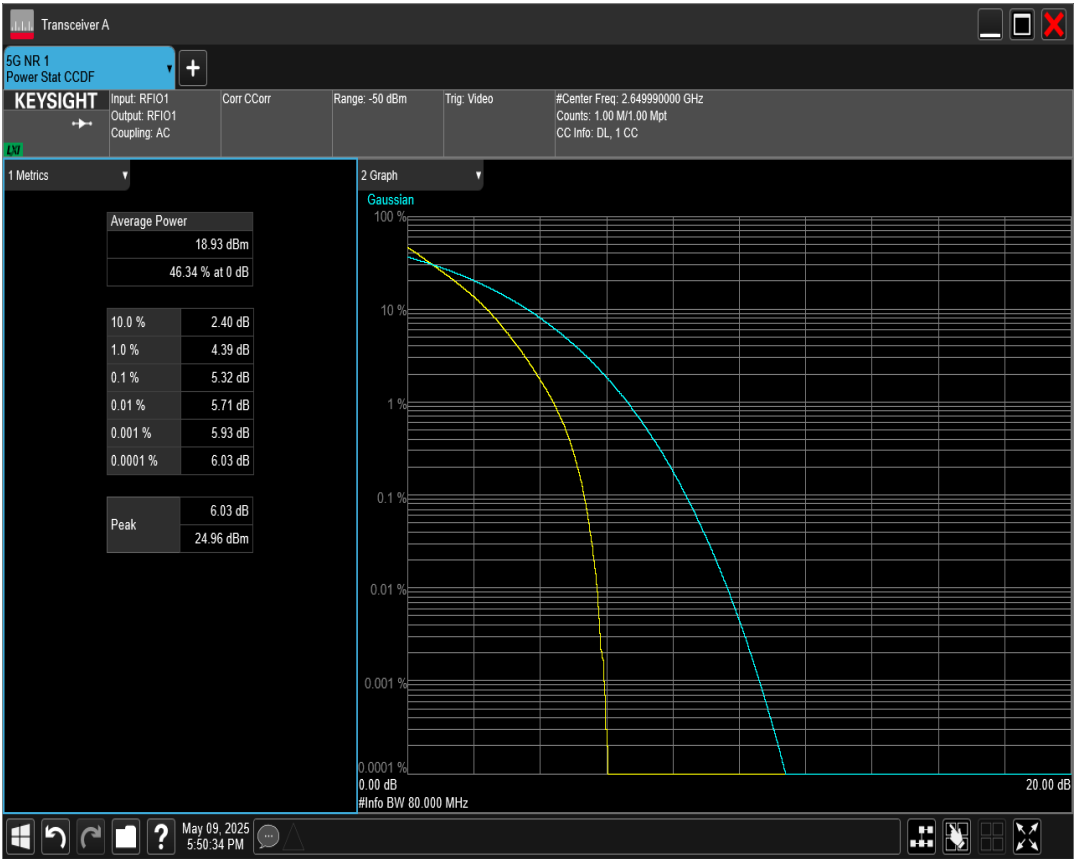
n41 SCS=30kHz DFT\_QPSK BW=90MHz Channel=518598 RB=240@0



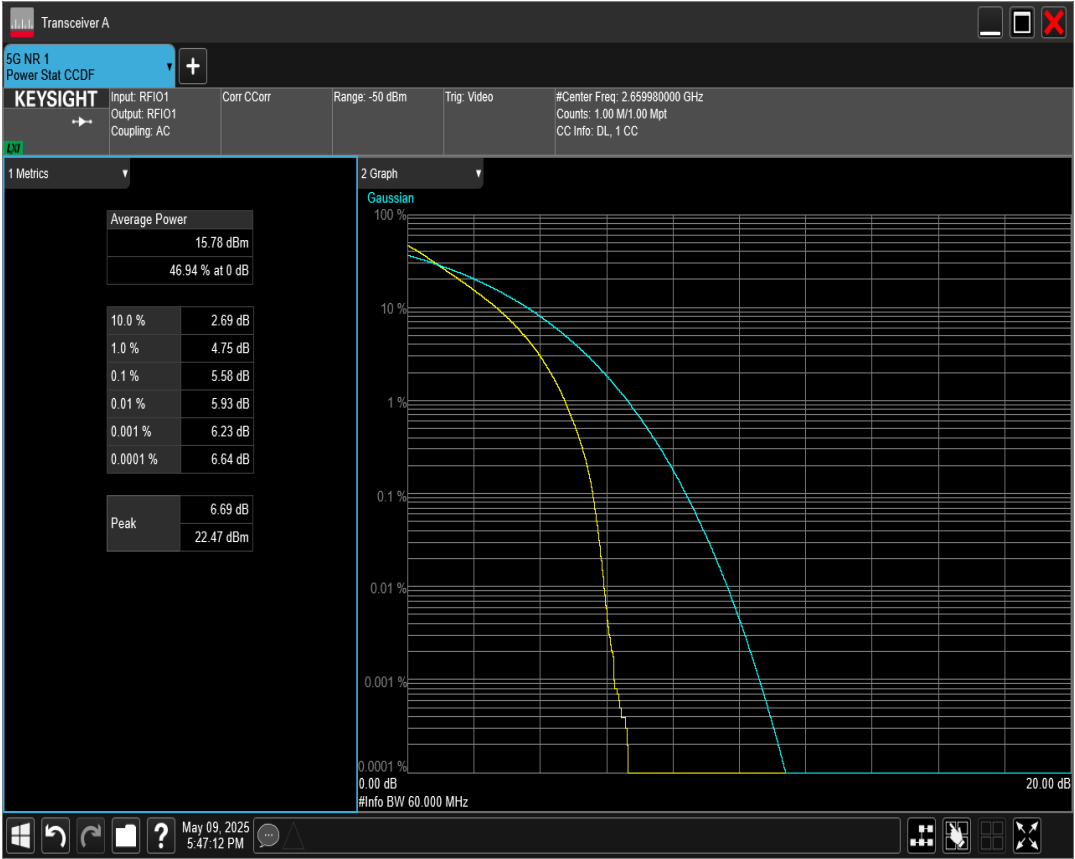
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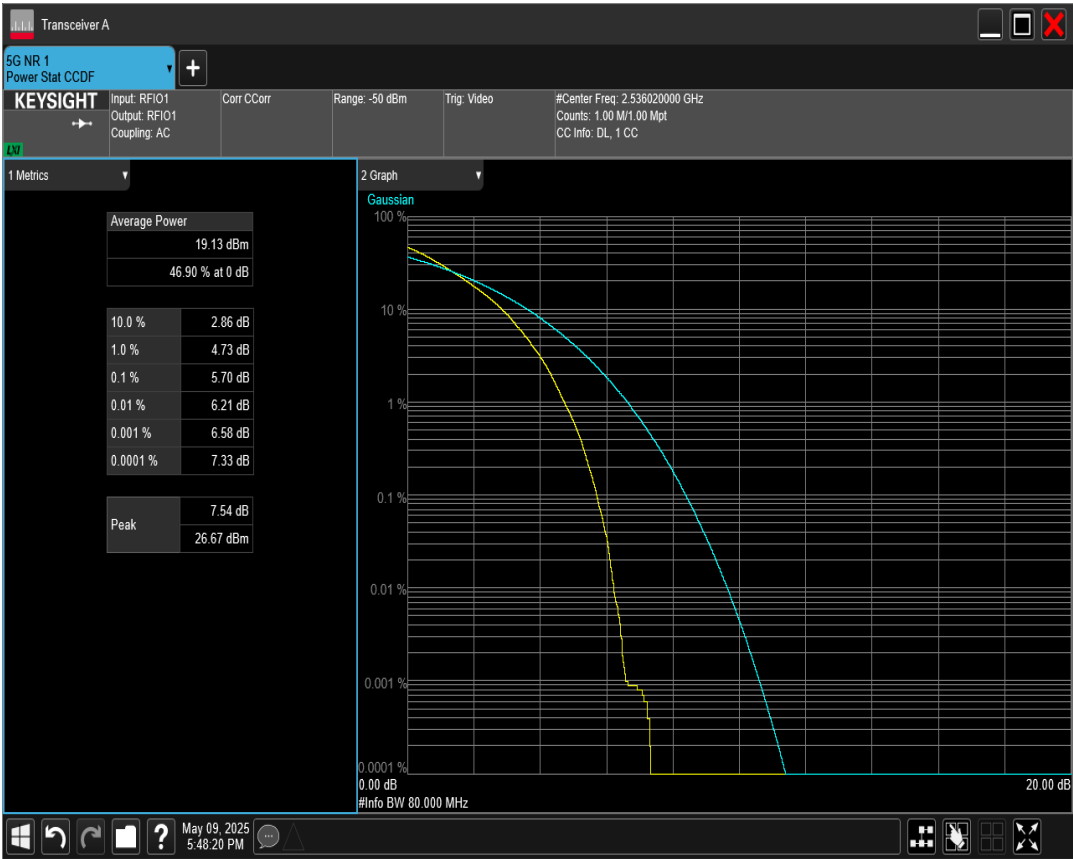
*n41 SCS=30kHz DFT\_QPSK BW=80MHz Channel=529998 RB=216@0*



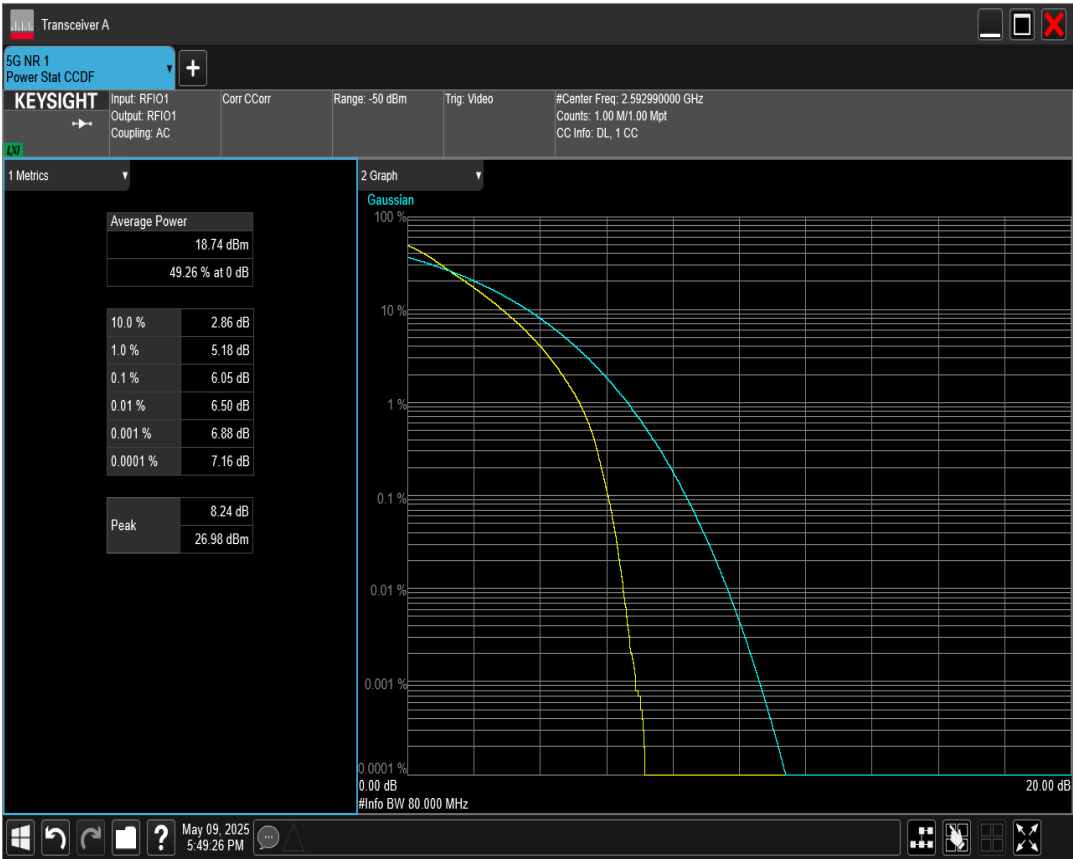
*n41 SCS=30kHz DFT\_QPSK BW=60MHz Channel=531996 RB=162@0*



*n41 SCS=30kHz DFT\_QPSK BW=80MHz Channel=507204 RB=216@0*



*n41 SCS=30kHz DFT\_QPSK BW=80MHz Channel=518598 RB=216@0*





## 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> |
|-------------|----------------------|----------------------------|-----------------------|--------------------------|-------------------|------------------------------|--------------------------------|----------------|
| n41         | 30                   | 20                         | 518598                | 50@0                     | DFT_BPSK          | 18.050                       | 18.290                         | PASS           |
| n41         | 30                   | 20                         | 518598                | 50@0                     | DFT_QPSK          | 18.040                       | 18.350                         | PASS           |
| n41         | 30                   | 20                         | 518598                | 50@0                     | DFT_QAM16         | 18.030                       | 18.250                         | PASS           |
| n41         | 30                   | 20                         | 518598                | 50@0                     | DFT_QAM64         | 18.030                       | 18.300                         | PASS           |
| n41         | 30                   | 20                         | 518598                | 50@0                     | DFT_QAM256        | 18.030                       | 18.300                         | PASS           |
| n41         | 30                   | 40                         | 518598                | 100@0                    | DFT_BPSK          | 37.450                       | 36.270                         | PASS           |
| n41         | 30                   | 40                         | 518598                | 100@0                    | DFT_QPSK          | 37.560                       | 36.290                         | PASS           |
| n41         | 30                   | 40                         | 518598                | 100@0                    | DFT_QAM16         | 37.470                       | 36.280                         | PASS           |
| n41         | 30                   | 40                         | 518598                | 100@0                    | DFT_QAM64         | 37.500                       | 36.280                         | PASS           |
| n41         | 30                   | 40                         | 518598                | 100@0                    | DFT_QAM256        | 37.340                       | 36.300                         | PASS           |
| n41         | 30                   | 50                         | 518598                | 128@0                    | DFT_BPSK          | 46.960                       | 46.440                         | PASS           |
| n41         | 30                   | 50                         | 518598                | 128@0                    | DFT_QPSK          | 47.010                       | 46.370                         | PASS           |
| n41         | 30                   | 50                         | 518598                | 128@0                    | DFT_QAM16         | 46.940                       | 46.510                         | PASS           |
| n41         | 30                   | 50                         | 518598                | 128@0                    | DFT_QAM64         | 46.940                       | 46.370                         | PASS           |
| n41         | 30                   | 50                         | 518598                | 128@0                    | DFT_QAM256        | 47.030                       | 46.370                         | PASS           |
| n41         | 30                   | 60                         | 518598                | 162@0                    | DFT_BPSK          | 57.690                       | 58.640                         | PASS           |
| n41         | 30                   | 60                         | 518598                | 162@0                    | DFT_QPSK          | 57.760                       | 58.600                         | PASS           |
| n41         | 30                   | 60                         | 518598                | 162@0                    | DFT_QAM16         | 57.720                       | 58.580                         | PASS           |
| n41         | 30                   | 60                         | 518598                | 162@0                    | DFT_QAM64         | 57.710                       | 58.630                         | PASS           |
| n41         | 30                   | 60                         | 518598                | 162@0                    | DFT_QAM256        | 57.630                       | 58.690                         | PASS           |
| n41         | 30                   | 80                         | 518598                | 216@0                    | DFT_BPSK          | 77.150                       | 78.090                         | PASS           |
| n41         | 30                   | 80                         | 518598                | 216@0                    | DFT_QPSK          | 77.150                       | 78.120                         | PASS           |
| n41         | 30                   | 80                         | 518598                | 216@0                    | DFT_QAM16         | 77.060                       | 78.130                         | PASS           |
| n41         | 30                   | 80                         | 518598                | 216@0                    | DFT_QAM64         | 77.150                       | 78.020                         | PASS           |
| n41         | 30                   | 80                         | 518598                | 216@0                    | DFT_QAM256        | 77.040                       | 78.060                         | PASS           |
| n41         | 30                   | 90                         | 518598                | 240@0                    | DFT_BPSK          | 86.880                       | 86.720                         | PASS           |
| n41         | 30                   | 90                         | 518598                | 240@0                    | DFT_QPSK          | 86.800                       | 86.640                         | PASS           |
| n41         | 30                   | 90                         | 518598                | 240@0                    | DFT_QAM16         | 86.690                       | 86.820                         | PASS           |
| n41         | 30                   | 90                         | 518598                | 240@0                    | DFT_QAM64         | 86.810                       | 86.690                         | PASS           |
| n41         | 30                   | 90                         | 518598                | 240@0                    | DFT_QAM256        | 86.880                       | 86.640                         | PASS           |
| n41         | 30                   | 100                        | 518598                | 270@0                    | DFT_BPSK          | 96.590                       | 97.490                         | PASS           |
| n41         | 30                   | 100                        | 518598                | 270@0                    | DFT_QPSK          | 96.710                       | 97.570                         | PASS           |
| n41         | 30                   | 100                        | 518598                | 270@0                    | DFT_QAM16         | 96.600                       | 97.560                         | PASS           |
| n41         | 30                   | 100                        | 518598                | 270@0                    | DFT_QAM64         | 96.460                       | 97.530                         | PASS           |
| n41         | 30                   | 100                        | 518598                | 270@0                    | DFT_QAM256        | 96.690                       | 97.570                         | PASS           |

**n41 SCS=30kHz DFT\_BPSK BW=40MHz Channel=518598 RB=100@0**