

TABLE OF CONTENTS

1 Conducted output power for EN-DC .....2

2 Frequency stability for EN-DC .....4

3 Peak-to-Average Ratio for EN-DC.....6

4 Occupied bandwidth for EN-DC.....61

5 Band edge for EN-DC .....80

6 Out-of-band emissions for EN-DC .....90

## 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 |
|-------|--------------|--------------------|---------------|------------------|------------|----------------|--------------------|---------------------|---------|
| Band5 | 30           | 5                  | 20425         | 1@0              | QPSK       | 8.40           |                    |                     |         |
| n41   | 30           | 20                 | 501204        | 1@0              | DFT_BPSK   | 20.73          |                    |                     |         |
| Sum   | 30           |                    |               |                  |            | 20.97          | 19                 | 26                  | PASS    |
| Band5 | 30           | 5                  | 20525         | 8@0              | QPSK       | 9.16           |                    |                     |         |
| n41   | 30           | 20                 | 518598        | 25@12            | DFT_BPSK   | 20.46          |                    |                     |         |
| Sum   | 30           |                    |               |                  |            | 20.77          | 19                 | 26                  | PASS    |
| Band5 | 30           | 5                  | 20525         | 8@0              | QPSK       | 9.13           |                    |                     |         |
| n41   | 30           | 20                 | 518598        | 25@12            | DFT_QPSK   | 20.48          |                    |                     |         |
| Sum   | 30           |                    |               |                  |            | 20.78          | 19                 | 26                  | PASS    |
| Band5 | 30           | 5                  | 20625         | 1@17             | QPSK       | 9.09           |                    |                     |         |
| n41   | 30           | 20                 | 535998        | 1@50             | DFT_BPSK   | 20.22          |                    |                     |         |
| Sum   | 30           |                    |               |                  |            | 20.54          | 19                 | 26                  | PASS    |
| Band5 | 30           | 5                  | 20625         | 8@17             | QPSK       | 9.29           |                    |                     |         |
| n41   | 30           | 20                 | 535998        | 25@12            | DFT_BPSK   | 20.51          |                    |                     |         |
| Sum   | 30           |                    |               |                  |            | 20.82          | 19                 | 26                  | PASS    |
| Band5 | 30           | 5                  | 20625         | 1@17             | QPSK       | 9.07           |                    |                     |         |
| n41   | 30           | 20                 | 535998        | 1@50             | DFT_QPSK   | 19.97          |                    |                     |         |
| Sum   | 30           |                    |               |                  |            | 20.30          | 19                 | 26                  | PASS    |
| Band5 | 30           | 5                  | 20625         | 8@17             | QPSK       | 9.34           |                    |                     |         |
| n41   | 30           | 20                 | 535998        | 25@12            | DFT_QPSK   | 20.51          |                    |                     |         |
| Sum   | 30           |                    |               |                  |            | 20.82          | 19                 | 26                  | PASS    |
| Band5 | 30           | 10                 | 20450         | 1@0              | QPSK       | 9.15           |                    |                     |         |
| n41   | 30           | 100                | 509202        | 1@0              | DFT_BPSK   | 20.06          |                    |                     |         |
| Sum   | 30           |                    |               |                  |            | 20.39          | 19                 | 26                  | PASS    |
| Band5 | 30           | 10                 | 20525         | 12@0             | QPSK       | 8.91           |                    |                     |         |
| n41   | 30           | 100                | 518598        | 135@67           | DFT_BPSK   | 20.48          |                    |                     |         |
| Sum   | 30           |                    |               |                  |            | 20.77          | 19                 | 26                  | PASS    |
| Band5 | 30           | 10                 | 20525         | 12@0             | QPSK       | 8.95           |                    |                     |         |
| n41   | 30           | 100                | 518598        | 135@67           | DFT_QPSK   | 20.59          |                    |                     |         |
| Sum   | 30           |                    |               |                  |            | 20.87          | 19                 | 26                  | PASS    |
| Band5 | 30           | 10                 | 20600         | 1@38             | QPSK       | 9.44           |                    |                     |         |
| n41   | 30           | 100                | 528000        | 1@272            | DFT_BPSK   | 20.47          |                    |                     |         |
| Sum   | 30           |                    |               |                  |            | 20.79          | 19                 | 26                  | PASS    |
| Band5 | 30           | 10                 | 20600         | 12@38            | QPSK       | 9.42           |                    |                     |         |
| n41   | 30           | 100                | 528000        | 135@67           | DFT_BPSK   | 21.69          |                    |                     |         |
| Sum   | 30           |                    |               |                  |            | 21.94          | 19                 | 26                  | PASS    |
| Band5 | 30           | 10                 | 20600         | 1@38             | QPSK       | 9.43           |                    |                     |         |
| n41   | 30           | 100                | 528000        | 1@272            | DFT_QPSK   | 20.23          |                    |                     |         |
| Sum   | 30           |                    |               |                  |            | 20.57          | 19                 | 26                  | PASS    |

|       |    |     |        |        |          |       |    |    |      |
|-------|----|-----|--------|--------|----------|-------|----|----|------|
| Band5 | 30 | 10  | 20600  | 12@38  | QPSK     | 9.36  |    |    |      |
| n41   | 30 | 100 | 528000 | 135@67 | DFT_QPSK | 21.81 |    |    |      |
| Sum   | 30 |     |        |        |          | 22.05 | 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   | 333.56     | 0.13310         | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 501204        | 1@1              | DFT_BPSK   | -16.99     | -0.00678        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 501204        | 1@49             | DFT_BPSK   | -15.66     | -0.00625        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 501204        | 25@12            | DFT_QPSK   | -33.98     | -0.01356        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 501204        | 1@1              | DFT_QPSK   | 8.57       | 0.00342         | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 501204        | 1@49             | DFT_QPSK   | -8.63      | -0.00344        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 518598        | 25@12            | DFT_BPSK   | -5.90      | -0.00228        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 518598        | 1@1              | DFT_BPSK   | -7.92      | -0.00305        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 518598        | 1@49             | DFT_BPSK   | -2.88      | -0.00111        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 518598        | 25@12            | DFT_QPSK   | -6.10      | -0.00235        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 518598        | 1@1              | DFT_QPSK   | -6.96      | -0.00268        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 518598        | 1@49             | DFT_QPSK   | -7.86      | -0.00303        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 535998        | 25@12            | DFT_BPSK   | -7.15      | -0.00267        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 535998        | 1@1              | DFT_BPSK   | -7.22      | -0.00269        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 535998        | 1@49             | DFT_BPSK   | -6.78      | -0.00253        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 535998        | 25@12            | DFT_QPSK   | -6.46      | -0.00241        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 535998        | 1@1              | DFT_QPSK   | -6.40      | -0.00239        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 20                 | 535998        | 1@49             | DFT_QPSK   | -6.99      | -0.00261        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 504204        | 64@32            | DFT_BPSK   | -4.91      | -0.00195        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 504204        | 1@1              | DFT_BPSK   | -7.79      | -0.00309        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 504204        | 1@131            | DFT_BPSK   | -6.71      | -0.00266        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 504204        | 64@32            | DFT_QPSK   | -6.37      | -0.00253        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 504204        | 1@1              | DFT_QPSK   | -4.78      | -0.00190        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 504204        | 1@131            | DFT_QPSK   | -7.19      | -0.00285        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 518598        | 64@32            | DFT_BPSK   | -8.38      | -0.00323        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 518598        | 1@1              | DFT_BPSK   | -6.98      | -0.00269        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 518598        | 1@131            | DFT_BPSK   | -8.10      | -0.00312        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 518598        | 64@32            | DFT_QPSK   | -7.47      | -0.00288        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 518598        | 1@1              | DFT_QPSK   | -7.79      | -0.00300        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 518598        | 1@131            | DFT_QPSK   | -7.06      | -0.00272        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 532998        | 64@32            | DFT_BPSK   | -6.01      | -0.00226        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 532998        | 1@1              | DFT_BPSK   | -5.51      | -0.00207        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 532998        | 1@131            | DFT_BPSK   | -6.51      | -0.00244        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 532998        | 64@32            | DFT_QPSK   | -9.25      | -0.00347        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 532998        | 1@1              | DFT_QPSK   | -8.83      | -0.00331        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 50                 | 532998        | 1@131            | DFT_QPSK   | -8.24      | -0.00309        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 100                | 509202        | 135@67           | DFT_BPSK   | -5.94      | -0.00233        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 100                | 509202        | 1@1              | DFT_BPSK   | -0.67      | -0.00026        | -2.5                  | 2.5                    | PASS    |
| n41  | 30           | 100                | 509202        | 1@271            | DFT_BPSK   | -13.10     | -0.00515        | -2.5                  | 2.5                    | PASS    |

|     |    |     |        |        |          |        |          |      |     |      |
|-----|----|-----|--------|--------|----------|--------|----------|------|-----|------|
| n41 | 30 | 100 | 509202 | 135@67 | DFT_QPSK | -9.31  | -0.00366 | -2.5 | 2.5 | PASS |
| n41 | 30 | 100 | 509202 | 1@1    | DFT_QPSK | -8.71  | -0.00342 | -2.5 | 2.5 | PASS |
| n41 | 30 | 100 | 509202 | 1@271  | DFT_QPSK | -11.05 | -0.00434 | -2.5 | 2.5 | PASS |
| n41 | 30 | 100 | 518598 | 135@67 | DFT_BPSK | -7.11  | -0.00274 | -2.5 | 2.5 | PASS |
| n41 | 30 | 100 | 518598 | 1@1    | DFT_BPSK | -4.47  | -0.00172 | -2.5 | 2.5 | PASS |
| n41 | 30 | 100 | 518598 | 1@271  | DFT_BPSK | -7.48  | -0.00288 | -2.5 | 2.5 | PASS |
| n41 | 30 | 100 | 518598 | 135@67 | DFT_QPSK | -5.64  | -0.00218 | -2.5 | 2.5 | PASS |
| n41 | 30 | 100 | 518598 | 1@1    | DFT_QPSK | -8.19  | -0.00316 | -2.5 | 2.5 | PASS |
| n41 | 30 | 100 | 518598 | 1@271  | DFT_QPSK | -7.90  | -0.00305 | -2.5 | 2.5 | PASS |
| n41 | 30 | 100 | 528000 | 135@67 | DFT_BPSK | -9.93  | -0.00376 | -2.5 | 2.5 | PASS |
| n41 | 30 | 100 | 528000 | 1@1    | DFT_BPSK | -5.19  | -0.00197 | -2.5 | 2.5 | PASS |
| n41 | 30 | 100 | 528000 | 1@271  | DFT_BPSK | -8.46  | -0.00320 | -2.5 | 2.5 | PASS |
| n41 | 30 | 100 | 528000 | 135@67 | DFT_QPSK | -6.95  | -0.00263 | -2.5 | 2.5 | PASS |
| n41 | 30 | 100 | 528000 | 1@1    | DFT_QPSK | -6.28  | -0.00238 | -2.5 | 2.5 | PASS |
| n41 | 30 | 100 | 528000 | 1@271  | DFT_QPSK | -10.59 | -0.00401 | -2.5 | 2.5 | PASS |

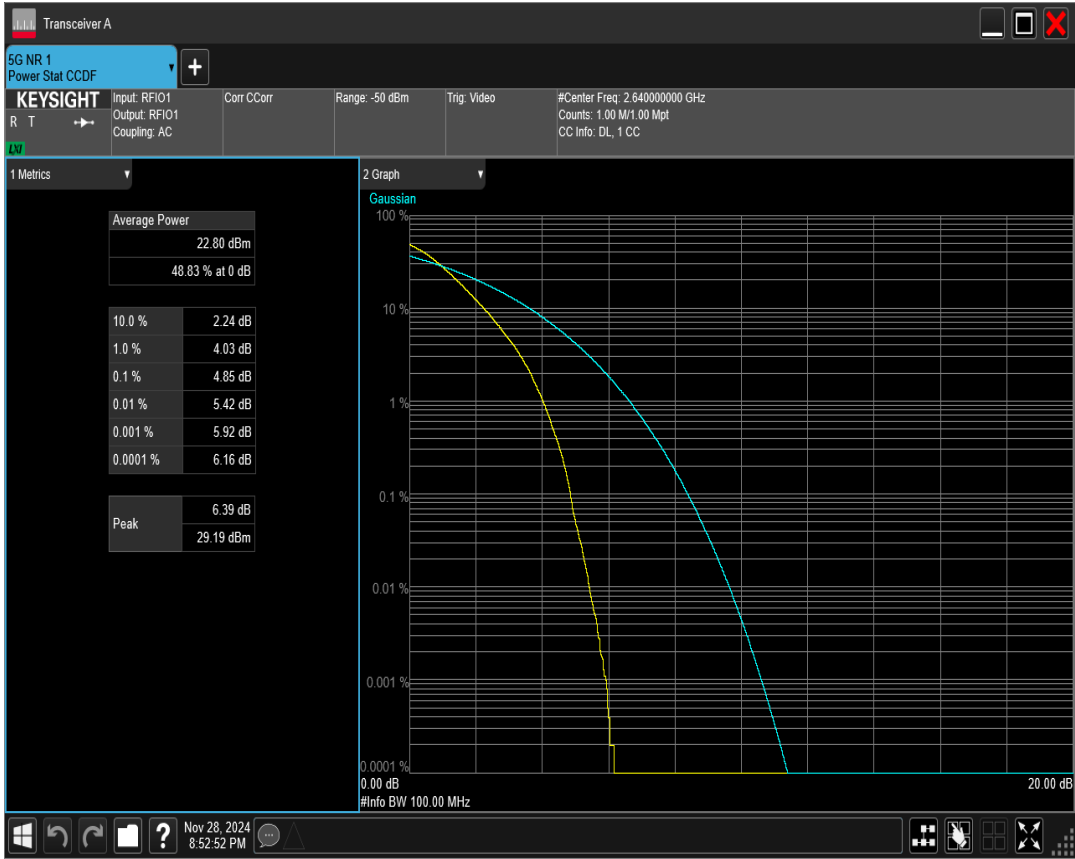
### 3 Peak-to-Average Ratio for EN-DC

| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Result (dB) | high Limit (dB) | Verdict |
|------|-----------|-----------------|------------|---------------|------------|-------------|-----------------|---------|
| n41  | 30        | 20              | 501204     | 50@0          | DFT_BPSK   | 4.22        | 13              | PASS    |
| n41  | 30        | 20              | 501204     | 50@0          | DFT_QPSK   | 5.63        | 13              | PASS    |
| n41  | 30        | 20              | 501204     | 50@0          | DFT_QAM16  | 6.52        | 13              | PASS    |
| n41  | 30        | 20              | 501204     | 50@0          | DFT_QAM64  | 6.47        | 13              | PASS    |
| n41  | 30        | 20              | 501204     | 50@0          | DFT_QAM256 | 7.01        | 13              | PASS    |
| n41  | 30        | 20              | 518598     | 50@0          | DFT_BPSK   | 4.75        | 13              | PASS    |
| n41  | 30        | 20              | 518598     | 50@0          | DFT_QPSK   | 5.78        | 13              | PASS    |
| n41  | 30        | 20              | 518598     | 50@0          | DFT_QAM16  | 6.68        | 13              | PASS    |
| n41  | 30        | 20              | 518598     | 50@0          | DFT_QAM64  | 6.85        | 13              | PASS    |
| n41  | 30        | 20              | 518598     | 50@0          | DFT_QAM256 | 7.26        | 13              | PASS    |
| n41  | 30        | 20              | 535998     | 50@0          | DFT_BPSK   | 4.44        | 13              | PASS    |
| n41  | 30        | 20              | 535998     | 50@0          | DFT_QPSK   | 5.57        | 13              | PASS    |
| n41  | 30        | 20              | 535998     | 50@0          | DFT_QAM16  | 6.54        | 13              | PASS    |
| n41  | 30        | 20              | 535998     | 50@0          | DFT_QAM64  | 6.71        | 13              | PASS    |
| n41  | 30        | 20              | 535998     | 50@0          | DFT_QAM256 | 6.71        | 13              | PASS    |
| n41  | 30        | 40              | 503202     | 100@0         | DFT_BPSK   | 4.38        | 13              | PASS    |
| n41  | 30        | 40              | 503202     | 100@0         | DFT_QPSK   | 5.38        | 13              | PASS    |
| n41  | 30        | 40              | 503202     | 100@0         | DFT_QAM16  | 6.18        | 13              | PASS    |
| n41  | 30        | 40              | 503202     | 100@0         | DFT_QAM64  | 6.54        | 13              | PASS    |
| n41  | 30        | 40              | 503202     | 100@0         | DFT_QAM256 | 6.94        | 13              | PASS    |
| n41  | 30        | 40              | 518598     | 100@0         | DFT_BPSK   | 6.00        | 13              | PASS    |
| n41  | 30        | 40              | 518598     | 100@0         | DFT_QPSK   | 6.09        | 13              | PASS    |
| n41  | 30        | 40              | 518598     | 100@0         | DFT_QAM16  | 6.50        | 13              | PASS    |
| n41  | 30        | 40              | 518598     | 100@0         | DFT_QAM64  | 6.69        | 13              | PASS    |
| n41  | 30        | 40              | 518598     | 100@0         | DFT_QAM256 | 7.10        | 13              | PASS    |
| n41  | 30        | 40              | 534000     | 100@0         | DFT_BPSK   | 4.42        | 13              | PASS    |
| n41  | 30        | 40              | 534000     | 100@0         | DFT_QPSK   | 6.10        | 13              | PASS    |
| n41  | 30        | 40              | 534000     | 100@0         | DFT_QAM16  | 6.37        | 13              | PASS    |
| n41  | 30        | 40              | 534000     | 100@0         | DFT_QAM64  | 6.80        | 13              | PASS    |
| n41  | 30        | 40              | 534000     | 100@0         | DFT_QAM256 | 6.91        | 13              | PASS    |
| n41  | 30        | 50              | 504204     | 128@0         | DFT_BPSK   | 4.72        | 13              | PASS    |
| n41  | 30        | 50              | 504204     | 128@0         | DFT_QPSK   | 5.48        | 13              | PASS    |
| n41  | 30        | 50              | 504204     | 128@0         | DFT_QAM16  | 6.30        | 13              | PASS    |
| n41  | 30        | 50              | 504204     | 128@0         | DFT_QAM64  | 6.54        | 13              | PASS    |
| n41  | 30        | 50              | 504204     | 128@0         | DFT_QAM256 | 6.93        | 13              | PASS    |
| n41  | 30        | 50              | 518598     | 128@0         | DFT_BPSK   | 4.61        | 13              | PASS    |
| n41  | 30        | 50              | 518598     | 128@0         | DFT_QPSK   | 5.88        | 13              | PASS    |
| n41  | 30        | 50              | 518598     | 128@0         | DFT_QAM16  | 6.69        | 13              | PASS    |
| n41  | 30        | 50              | 518598     | 128@0         | DFT_QAM64  | 6.86        | 13              | PASS    |
| n41  | 30        | 50              | 518598     | 128@0         | DFT_QAM256 | 6.73        | 13              | PASS    |

|     |    |    |        |       |            |      |    |      |
|-----|----|----|--------|-------|------------|------|----|------|
| n41 | 30 | 50 | 532998 | 128@0 | DFT_BPSK   | 4.70 | 13 | PASS |
| n41 | 30 | 50 | 532998 | 128@0 | DFT_QPSK   | 5.69 | 13 | PASS |
| n41 | 30 | 50 | 532998 | 128@0 | DFT_QAM16  | 6.45 | 13 | PASS |
| n41 | 30 | 50 | 532998 | 128@0 | DFT_QAM64  | 6.66 | 13 | PASS |
| n41 | 30 | 50 | 532998 | 128@0 | DFT_QAM256 | 6.86 | 13 | PASS |
| n41 | 30 | 60 | 505200 | 162@0 | DFT_BPSK   | 5.74 | 13 | PASS |
| n41 | 30 | 60 | 505200 | 162@0 | DFT_QPSK   | 5.93 | 13 | PASS |
| n41 | 30 | 60 | 505200 | 162@0 | DFT_QAM16  | 6.69 | 13 | PASS |
| n41 | 30 | 60 | 505200 | 162@0 | DFT_QAM64  | 6.65 | 13 | PASS |
| n41 | 30 | 60 | 505200 | 162@0 | DFT_QAM256 | 6.72 | 13 | PASS |
| n41 | 30 | 60 | 518598 | 162@0 | DFT_BPSK   | 5.09 | 13 | PASS |
| n41 | 30 | 60 | 518598 | 162@0 | DFT_QPSK   | 5.77 | 13 | PASS |
| n41 | 30 | 60 | 518598 | 162@0 | DFT_QAM16  | 6.55 | 13 | PASS |
| n41 | 30 | 60 | 518598 | 162@0 | DFT_QAM64  | 6.82 | 13 | PASS |
| n41 | 30 | 60 | 518598 | 162@0 | DFT_QAM256 | 6.66 | 13 | PASS |
| n41 | 30 | 60 | 531996 | 162@0 | DFT_BPSK   | 5.80 | 13 | PASS |
| n41 | 30 | 60 | 531996 | 162@0 | DFT_QPSK   | 6.13 | 13 | PASS |
| n41 | 30 | 60 | 531996 | 162@0 | DFT_QAM16  | 6.69 | 13 | PASS |
| n41 | 30 | 60 | 531996 | 162@0 | DFT_QAM64  | 6.63 | 13 | PASS |
| n41 | 30 | 60 | 531996 | 162@0 | DFT_QAM256 | 7.05 | 13 | PASS |
| n41 | 30 | 80 | 507204 | 216@0 | DFT_BPSK   | 4.31 | 13 | PASS |
| n41 | 30 | 80 | 507204 | 216@0 | DFT_QPSK   | 5.76 | 13 | PASS |
| n41 | 30 | 80 | 507204 | 216@0 | DFT_QAM16  | 6.32 | 13 | PASS |
| n41 | 30 | 80 | 507204 | 216@0 | DFT_QAM64  | 6.44 | 13 | PASS |
| n41 | 30 | 80 | 507204 | 216@0 | DFT_QAM256 | 6.61 | 13 | PASS |
| n41 | 30 | 80 | 518598 | 216@0 | DFT_BPSK   | 5.21 | 13 | PASS |
| n41 | 30 | 80 | 518598 | 216@0 | DFT_QPSK   | 5.81 | 13 | PASS |
| n41 | 30 | 80 | 518598 | 216@0 | DFT_QAM16  | 6.64 | 13 | PASS |
| n41 | 30 | 80 | 518598 | 216@0 | DFT_QAM64  | 6.84 | 13 | PASS |
| n41 | 30 | 80 | 518598 | 216@0 | DFT_QAM256 | 6.69 | 13 | PASS |
| n41 | 30 | 80 | 529998 | 216@0 | DFT_BPSK   | 4.81 | 13 | PASS |
| n41 | 30 | 80 | 529998 | 216@0 | DFT_QPSK   | 5.76 | 13 | PASS |
| n41 | 30 | 80 | 529998 | 216@0 | DFT_QAM16  | 6.90 | 13 | PASS |
| n41 | 30 | 80 | 529998 | 216@0 | DFT_QAM64  | 6.95 | 13 | PASS |
| n41 | 30 | 80 | 529998 | 216@0 | DFT_QAM256 | 6.84 | 13 | PASS |
| n41 | 30 | 90 | 508200 | 240@0 | DFT_BPSK   | 4.35 | 13 | PASS |
| n41 | 30 | 90 | 508200 | 240@0 | DFT_QPSK   | 5.95 | 13 | PASS |
| n41 | 30 | 90 | 508200 | 240@0 | DFT_QAM16  | 6.38 | 13 | PASS |
| n41 | 30 | 90 | 508200 | 240@0 | DFT_QAM64  | 6.64 | 13 | PASS |
| n41 | 30 | 90 | 508200 | 240@0 | DFT_QAM256 | 6.63 | 13 | PASS |
| n41 | 30 | 90 | 518598 | 240@0 | DFT_BPSK   | 4.66 | 13 | PASS |
| n41 | 30 | 90 | 518598 | 240@0 | DFT_QPSK   | 5.73 | 13 | PASS |
| n41 | 30 | 90 | 518598 | 240@0 | DFT_QAM16  | 6.54 | 13 | PASS |
| n41 | 30 | 90 | 518598 | 240@0 | DFT_QAM64  | 6.76 | 13 | PASS |

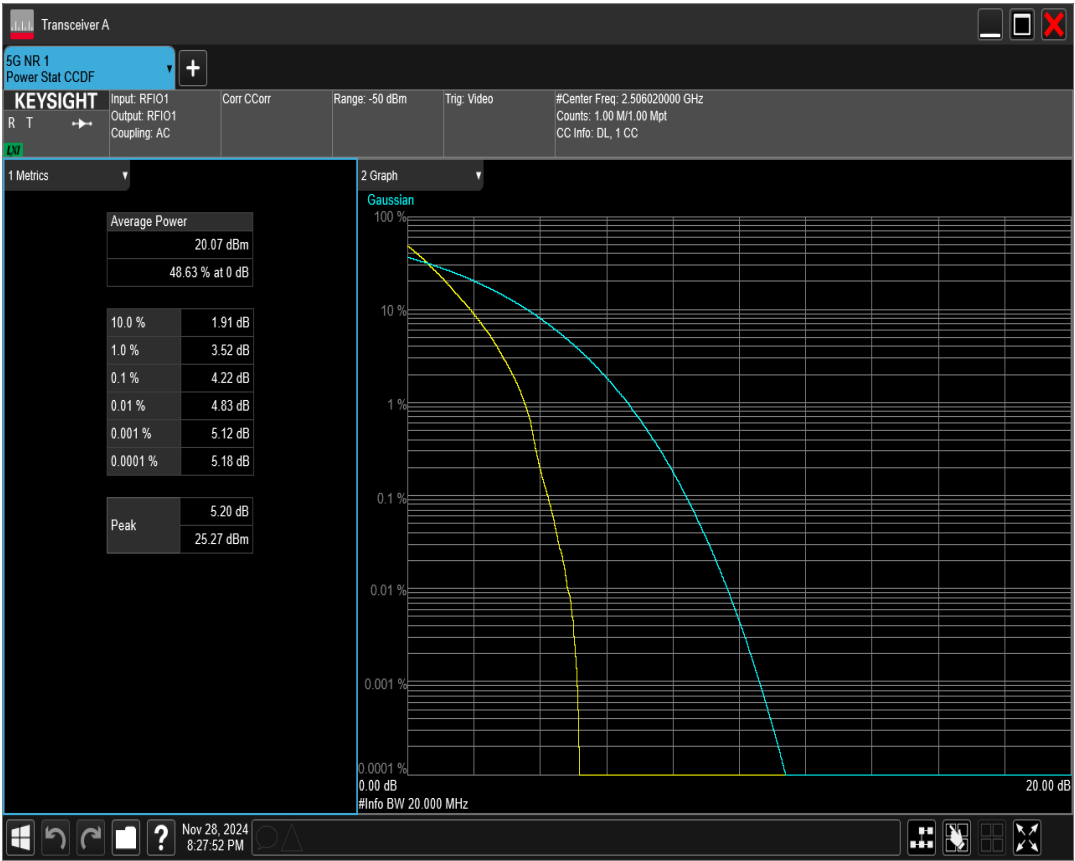
|     |    |     |        |       |            |      |    |      |
|-----|----|-----|--------|-------|------------|------|----|------|
| n41 | 30 | 90  | 518598 | 240@0 | DFT_QAM256 | 6.77 | 13 | PASS |
| n41 | 30 | 90  | 528996 | 240@0 | DFT_BPSK   | 5.11 | 13 | PASS |
| n41 | 30 | 90  | 528996 | 240@0 | DFT_QPSK   | 5.77 | 13 | PASS |
| n41 | 30 | 90  | 528996 | 240@0 | DFT_QAM16  | 6.58 | 13 | PASS |
| n41 | 30 | 90  | 528996 | 240@0 | DFT_QAM64  | 6.89 | 13 | PASS |
| n41 | 30 | 90  | 528996 | 240@0 | DFT_QAM256 | 7.03 | 13 | PASS |
| n41 | 30 | 100 | 509202 | 270@0 | DFT_BPSK   | 4.71 | 13 | PASS |
| n41 | 30 | 100 | 509202 | 270@0 | DFT_QPSK   | 5.95 | 13 | PASS |
| n41 | 30 | 100 | 509202 | 270@0 | DFT_QAM16  | 6.44 | 13 | PASS |
| n41 | 30 | 100 | 509202 | 270@0 | DFT_QAM64  | 6.65 | 13 | PASS |
| n41 | 30 | 100 | 509202 | 270@0 | DFT_QAM256 | 7.13 | 13 | PASS |
| n41 | 30 | 100 | 518598 | 270@0 | DFT_BPSK   | 4.59 | 13 | PASS |
| n41 | 30 | 100 | 518598 | 270@0 | DFT_QPSK   | 5.68 | 13 | PASS |
| n41 | 30 | 100 | 518598 | 270@0 | DFT_QAM16  | 6.49 | 13 | PASS |
| n41 | 30 | 100 | 518598 | 270@0 | DFT_QAM64  | 6.78 | 13 | PASS |
| n41 | 30 | 100 | 518598 | 270@0 | DFT_QAM256 | 6.76 | 13 | PASS |
| n41 | 30 | 100 | 528000 | 270@0 | DFT_BPSK   | 4.85 | 13 | PASS |
| n41 | 30 | 100 | 528000 | 270@0 | DFT_QPSK   | 5.76 | 13 | PASS |
| n41 | 30 | 100 | 528000 | 270@0 | DFT_QAM16  | 6.73 | 13 | PASS |
| n41 | 30 | 100 | 528000 | 270@0 | DFT_QAM64  | 6.73 | 13 | PASS |
| n41 | 30 | 100 | 528000 | 270@0 | DFT_QAM256 | 6.84 | 13 | PASS |

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

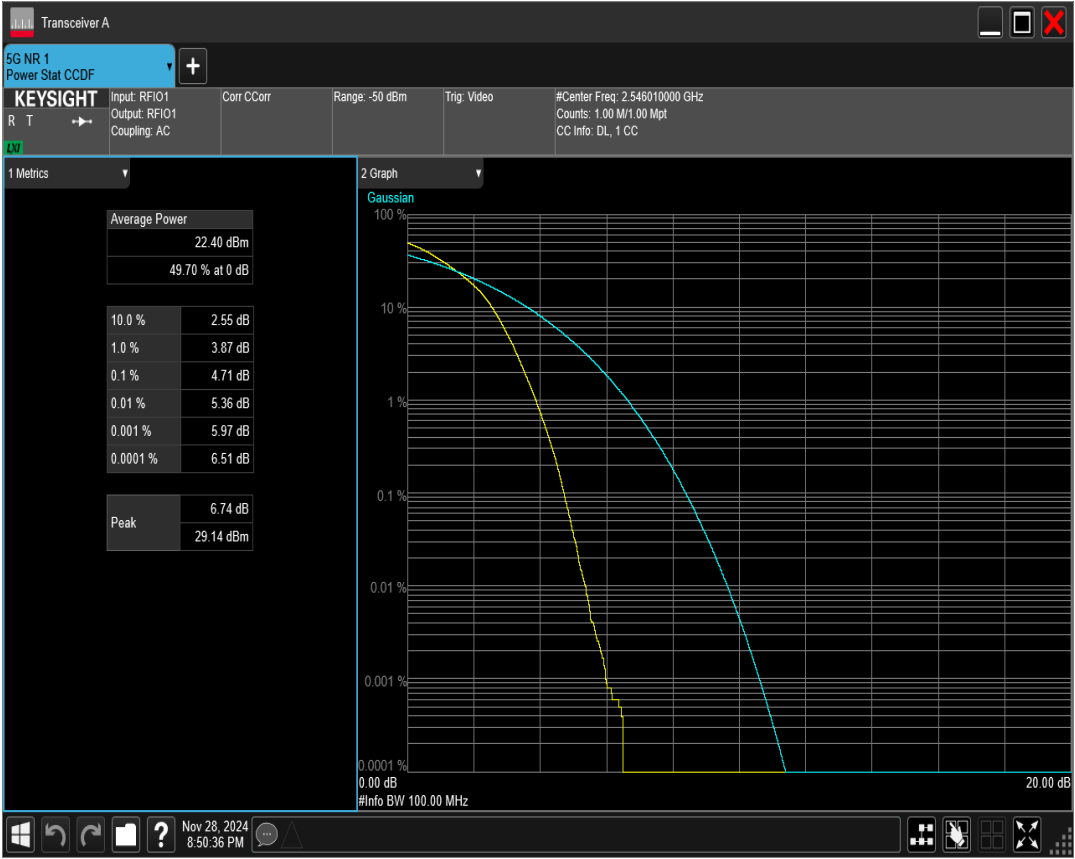


n41 SCS=30kHz DFT\_BPSK BW=20MHz Channel=501204 RB=50@0

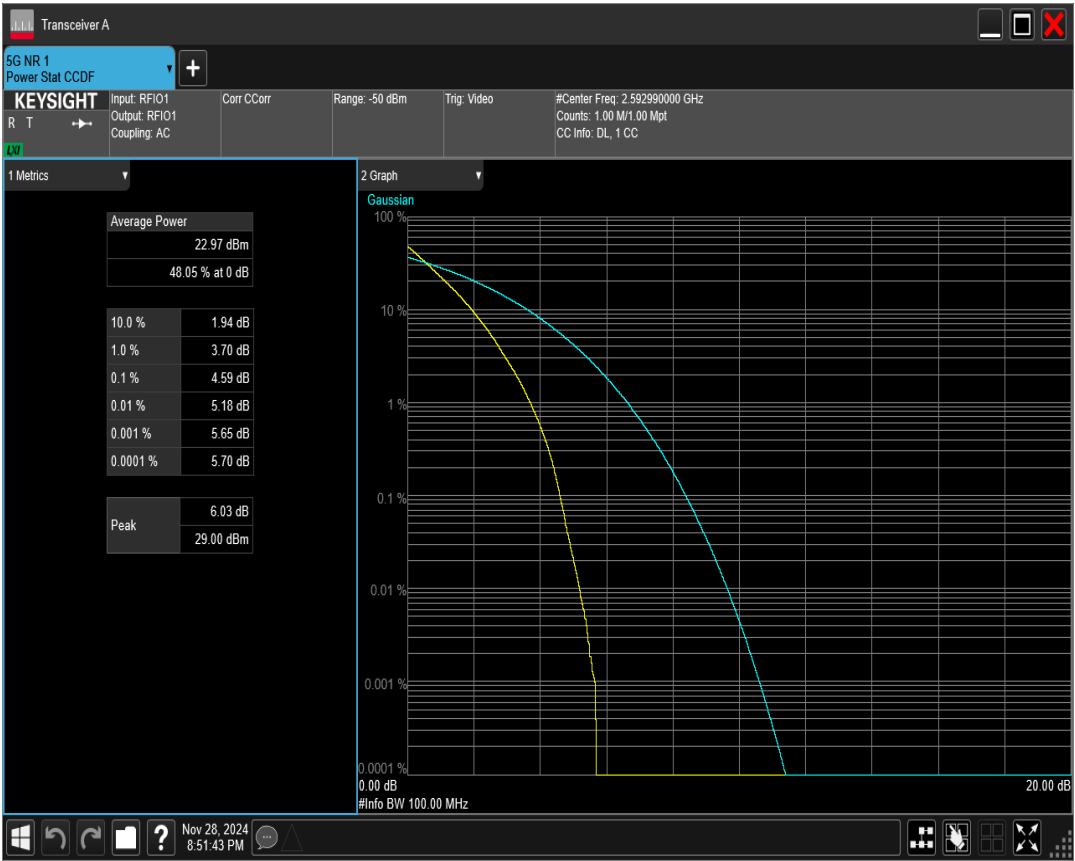




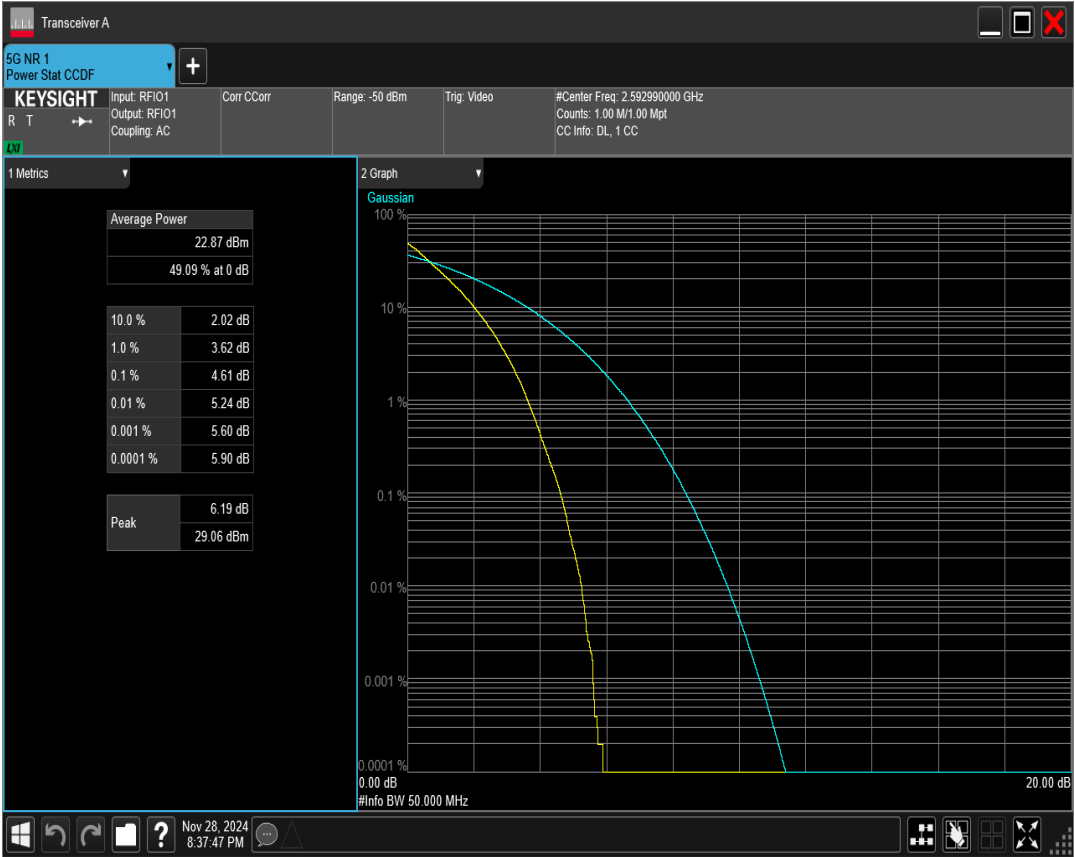
***n41 SCS=30kHz DFT\_BPSK BW=100MHz Channel=509202 RB=270@0***



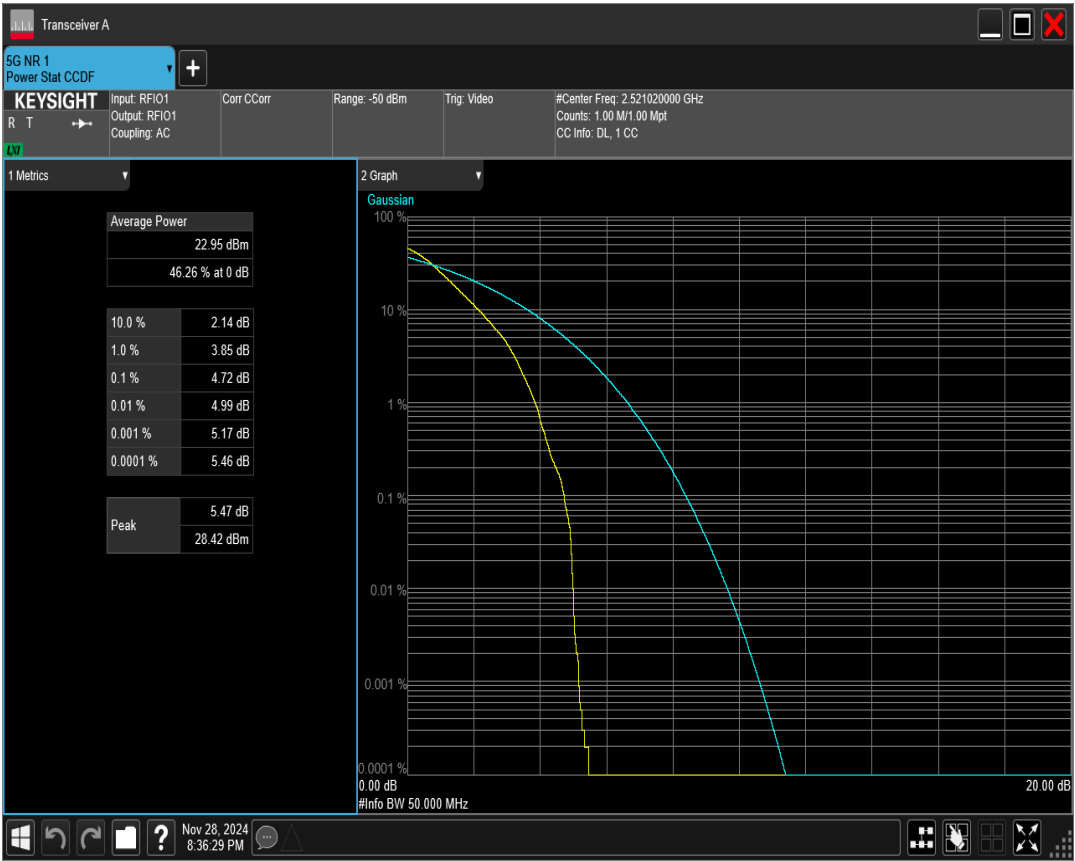
***n41 SCS=30kHz DFT\_BPSK BW=100MHz Channel=518598 RB=270@0***



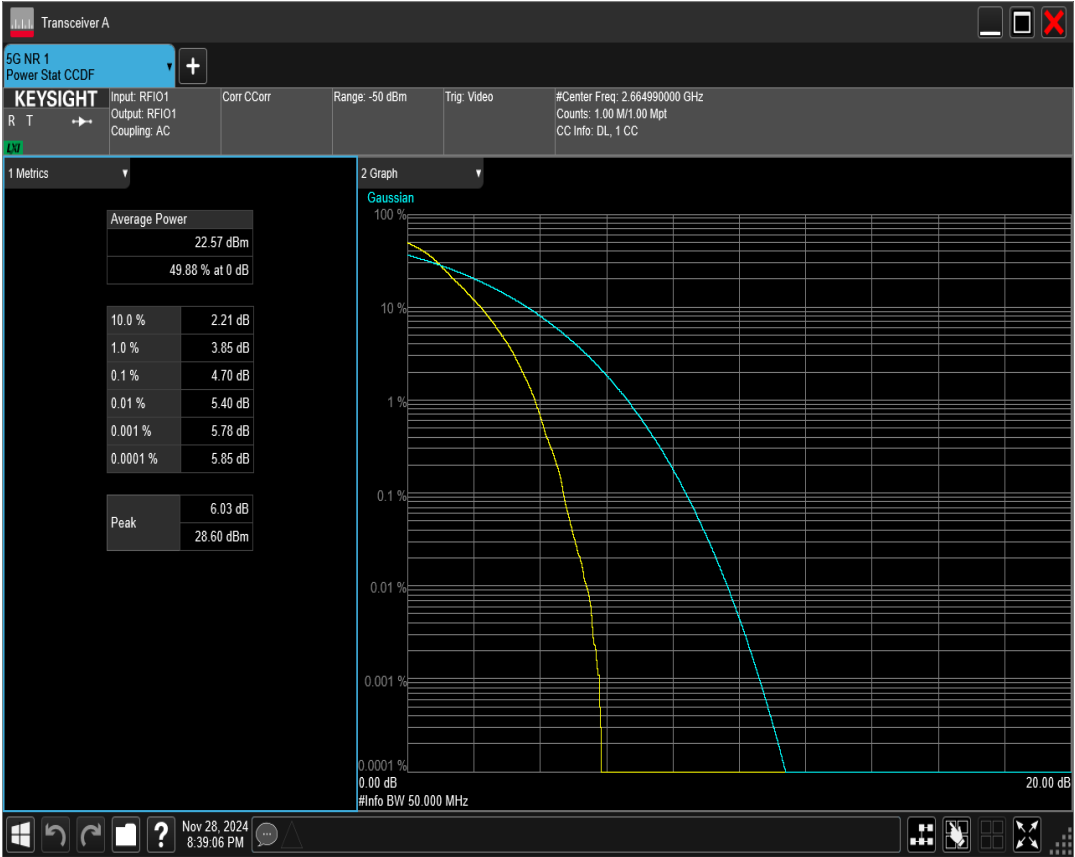
*n41 SCS=30kHz DFT\_BPSK BW=50MHz Channel=518598 RB=128@0*



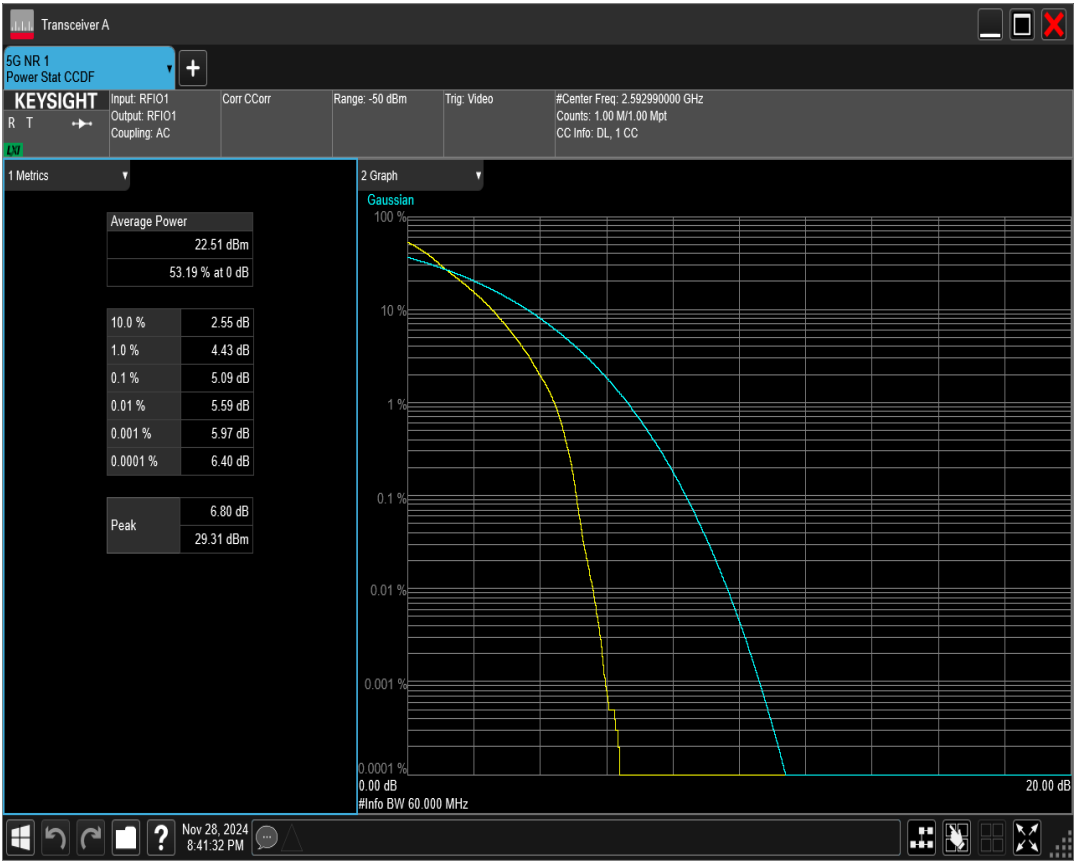
*n41 SCS=30kHz DFT\_BPSK BW=50MHz Channel=504204 RB=128@0*



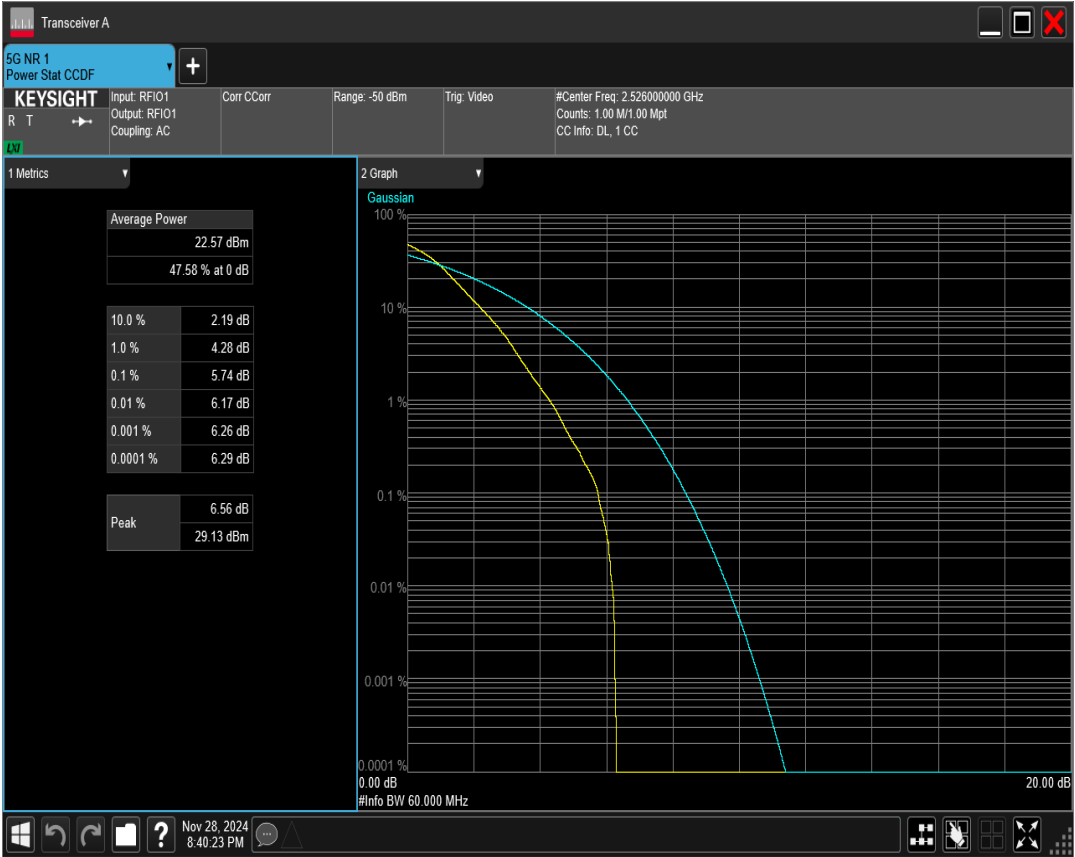
*n41 SCS=30kHz DFT\_BPSK BW=50MHz Channel=532998 RB=128@0*



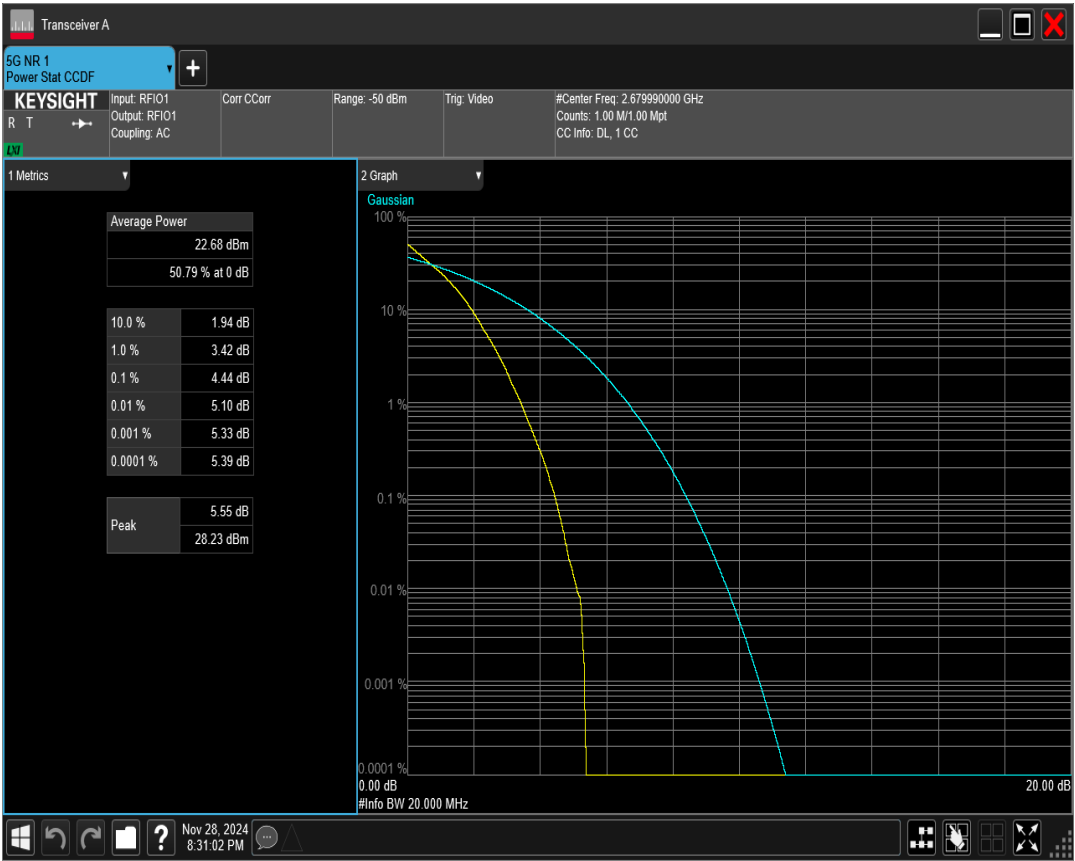
*n41 SCS=30kHz DFT\_BPSK BW=60MHz Channel=518598 RB=162@0*



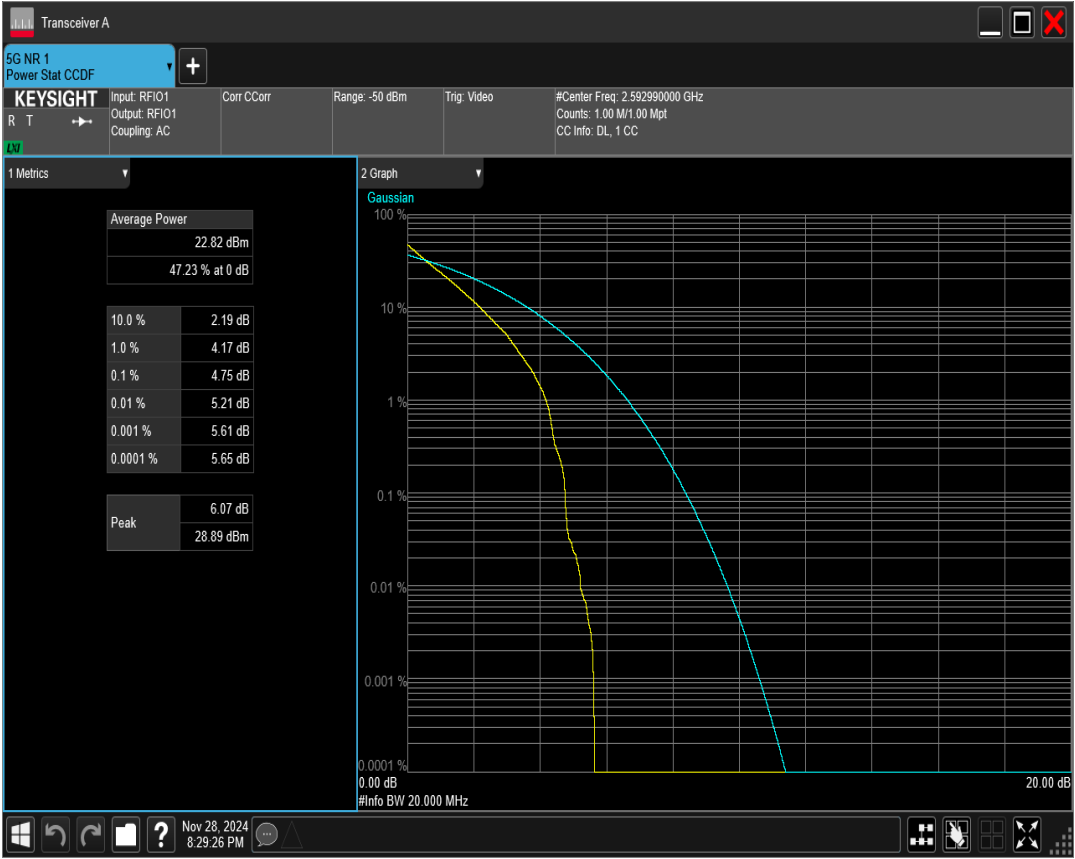
*n41 SCS=30kHz DFT\_BPSK BW=60MHz Channel=505200 RB=162@0*



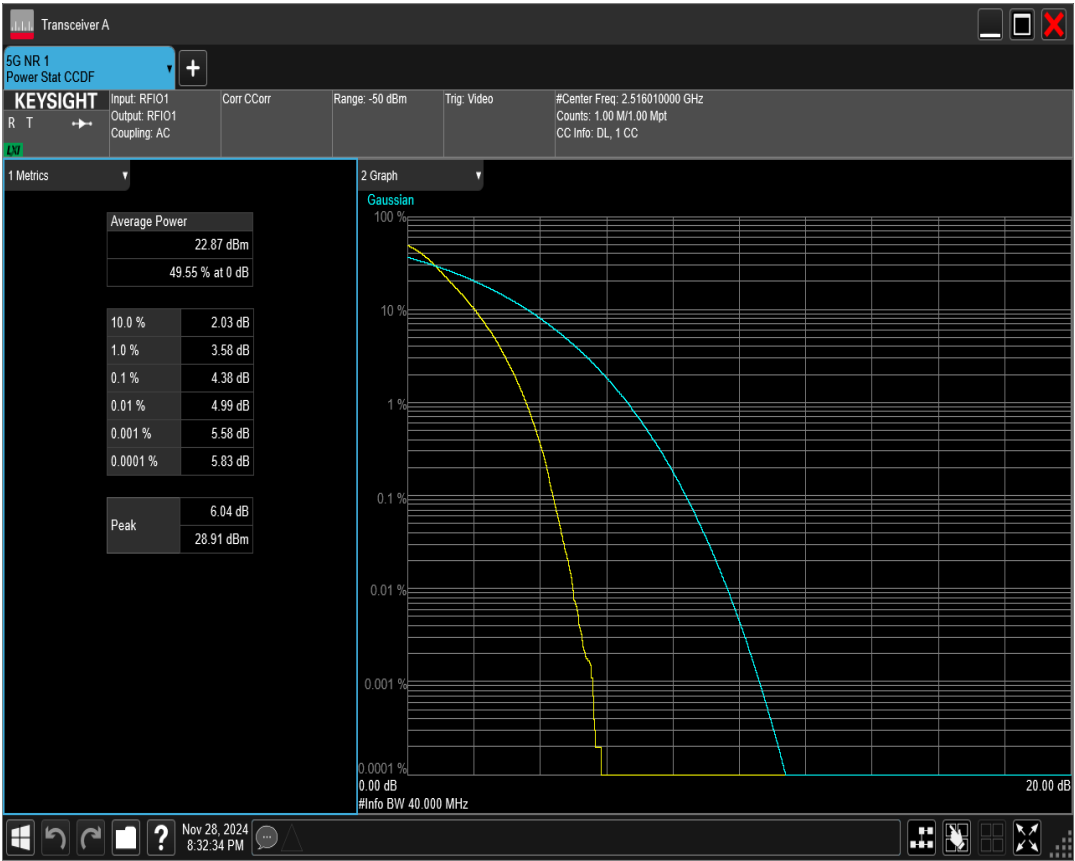
*n41 SCS=30kHz DFT\_BPSK BW=20MHz Channel=535998 RB=50@0*



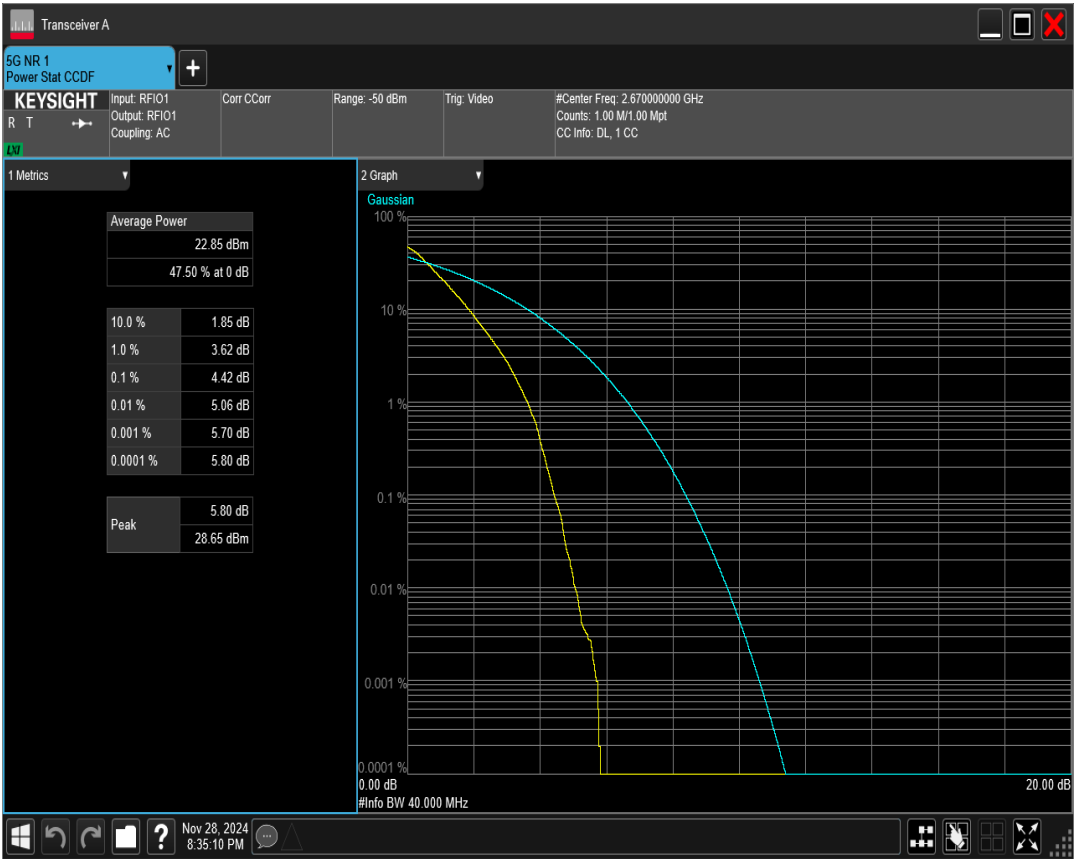
*n41 SCS=30kHz DFT\_BPSK BW=20MHz Channel=518598 RB=50@0*



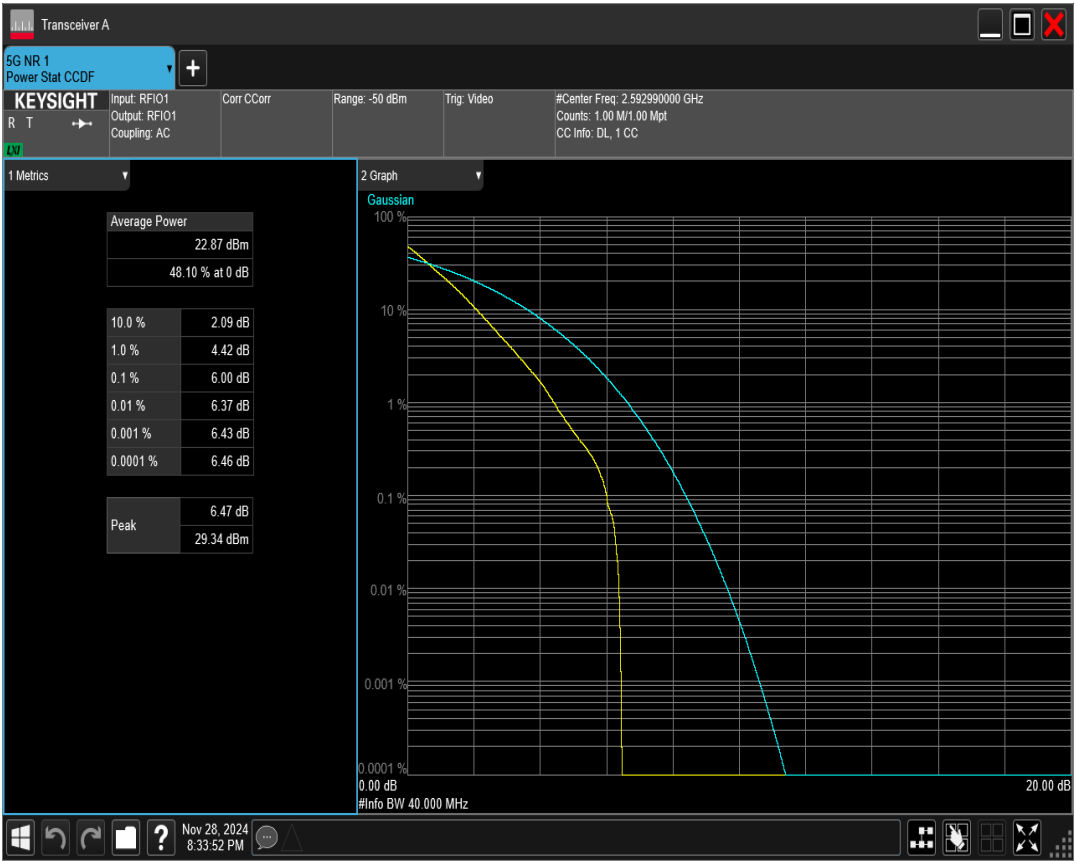
*n41 SCS=30kHz DFT\_BPSK BW=40MHz Channel=503202 RB=100@0*



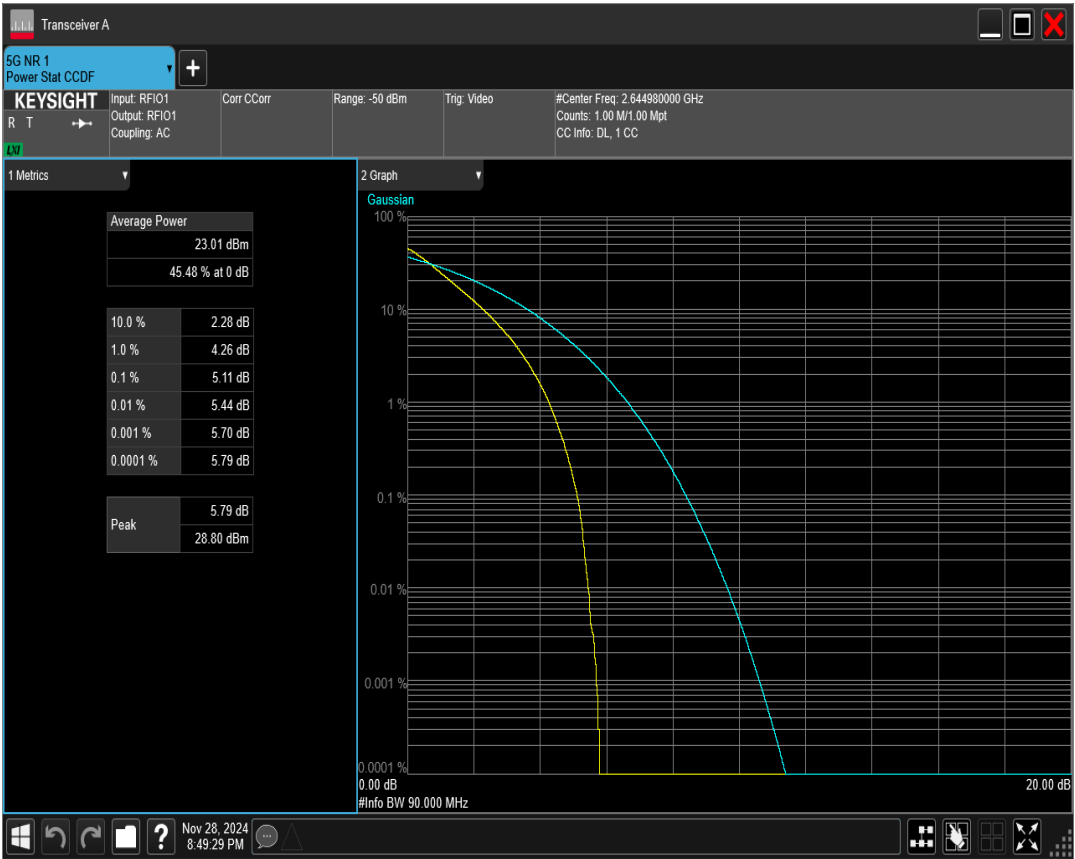
*n41 SCS=30kHz DFT\_BPSK BW=40MHz Channel=534000 RB=100@0*



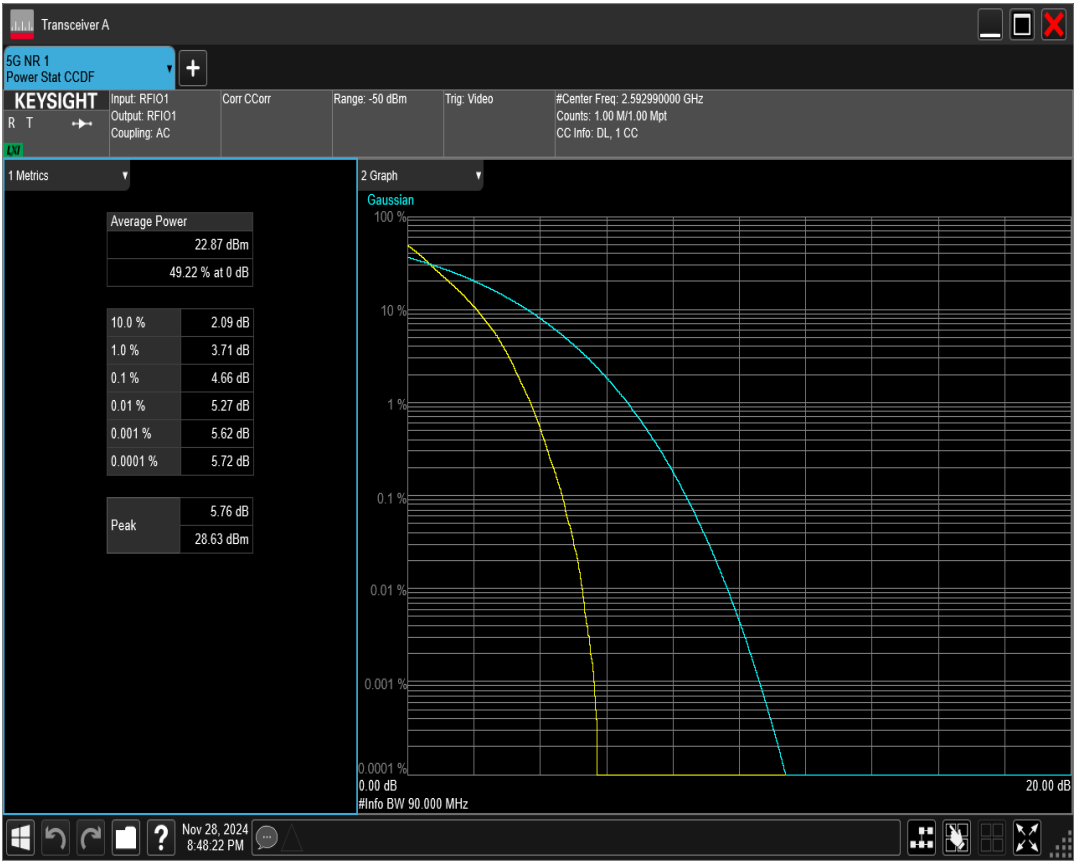
*n41 SCS=30kHz DFT\_BPSK BW=40MHz Channel=518598 RB=100@0*



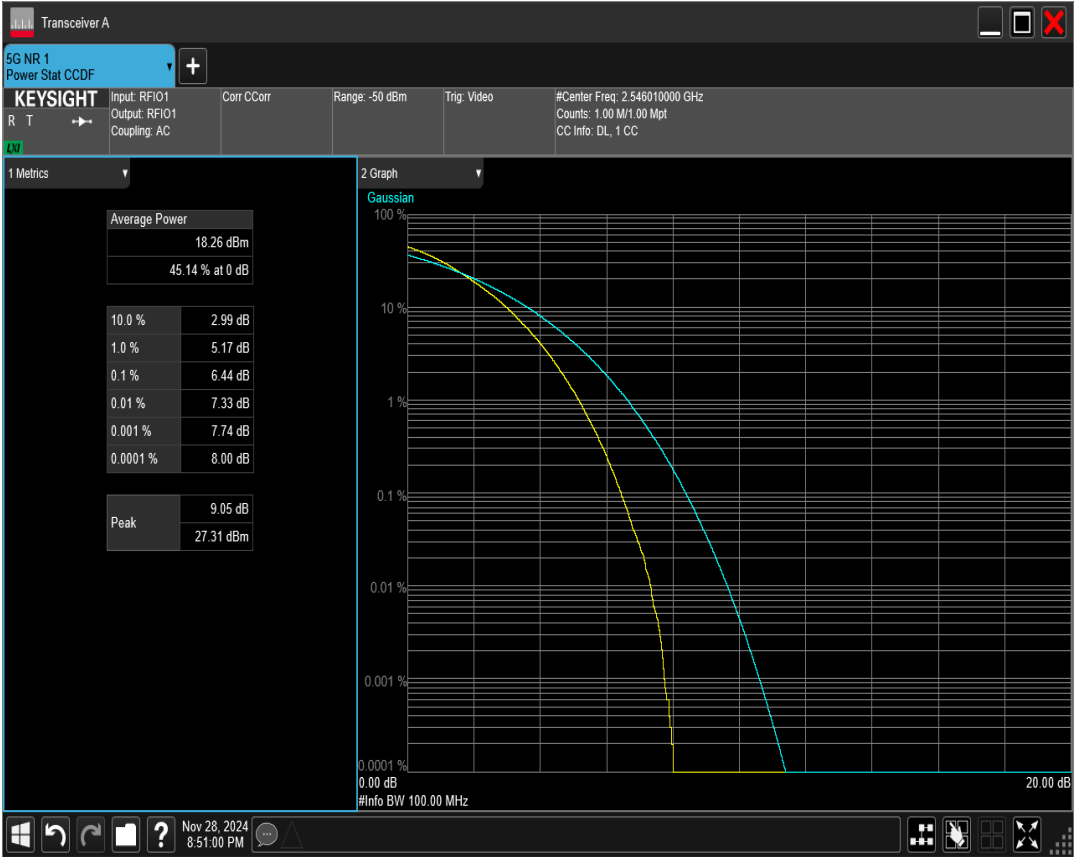
*n41 SCS=30kHz DFT\_BPSK BW=90MHz Channel=528996 RB=240@0*



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

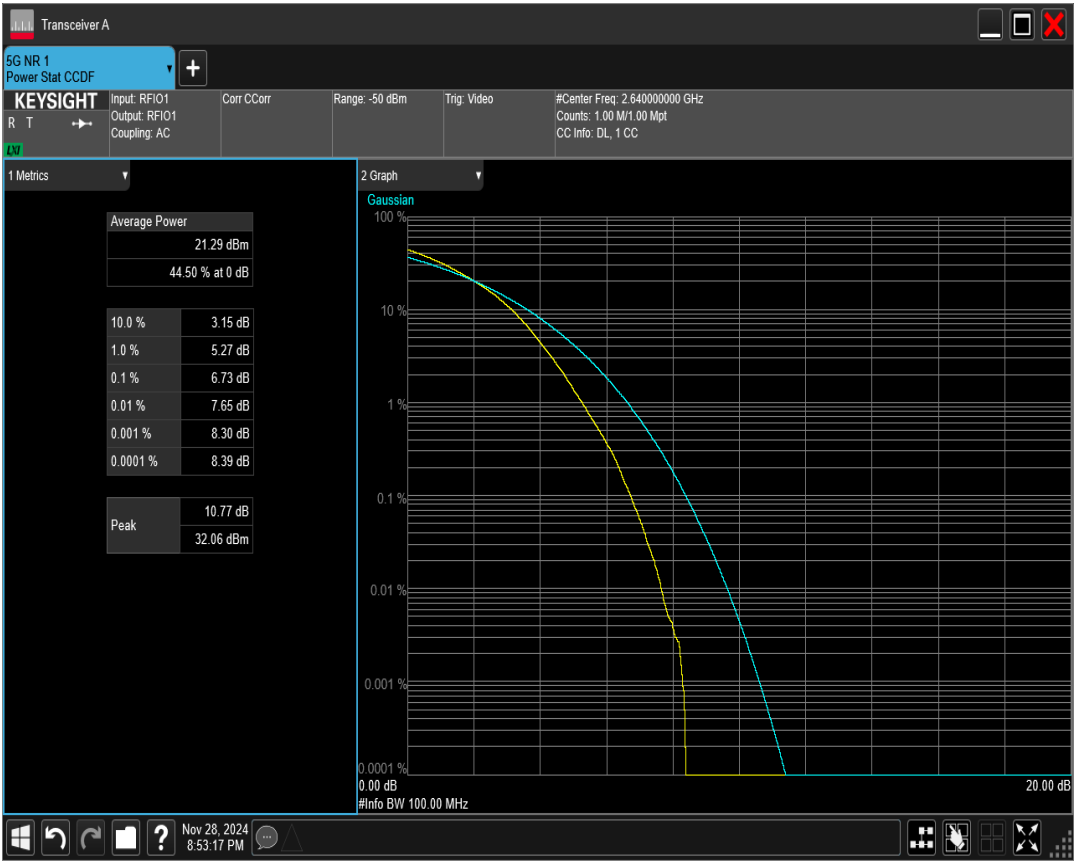


*n41 SCS=30kHz DFT\_QAM16 BW=100MHz Channel=509202 RB=270@0*

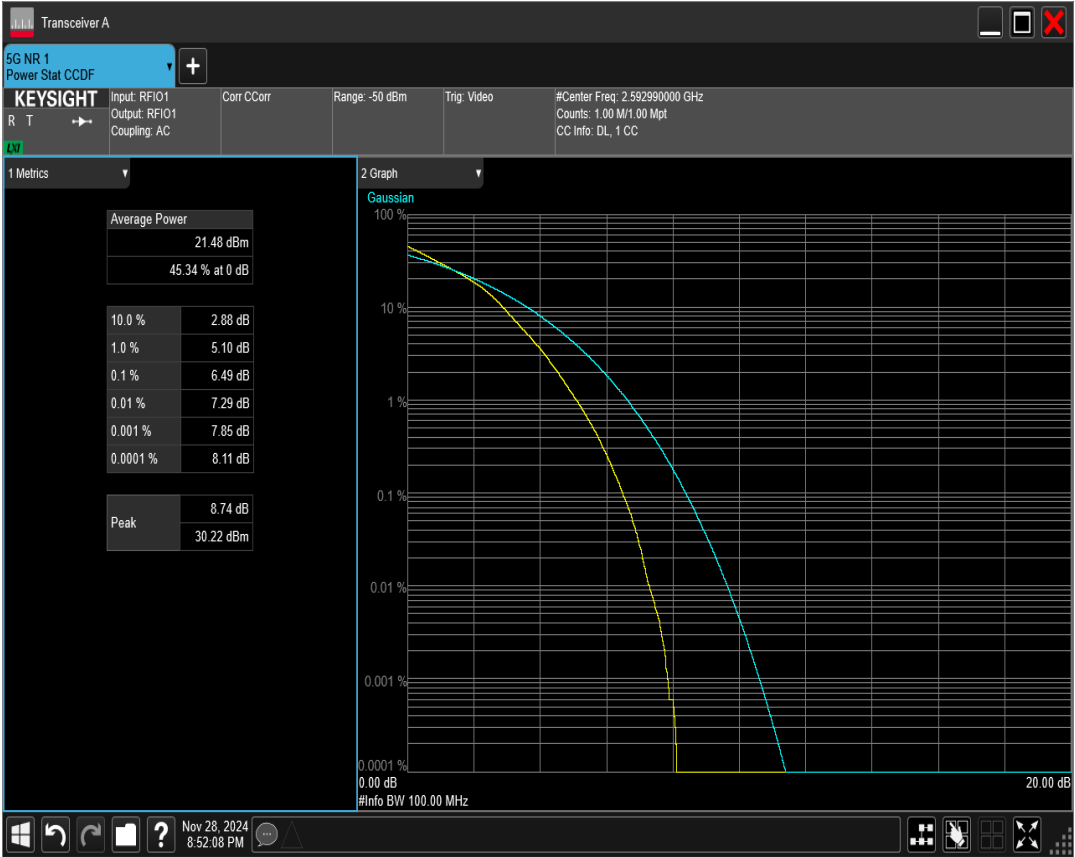


*n41 SCS=30kHz DFT\_QAM16 BW=100MHz Channel=528000 RB=270@0*

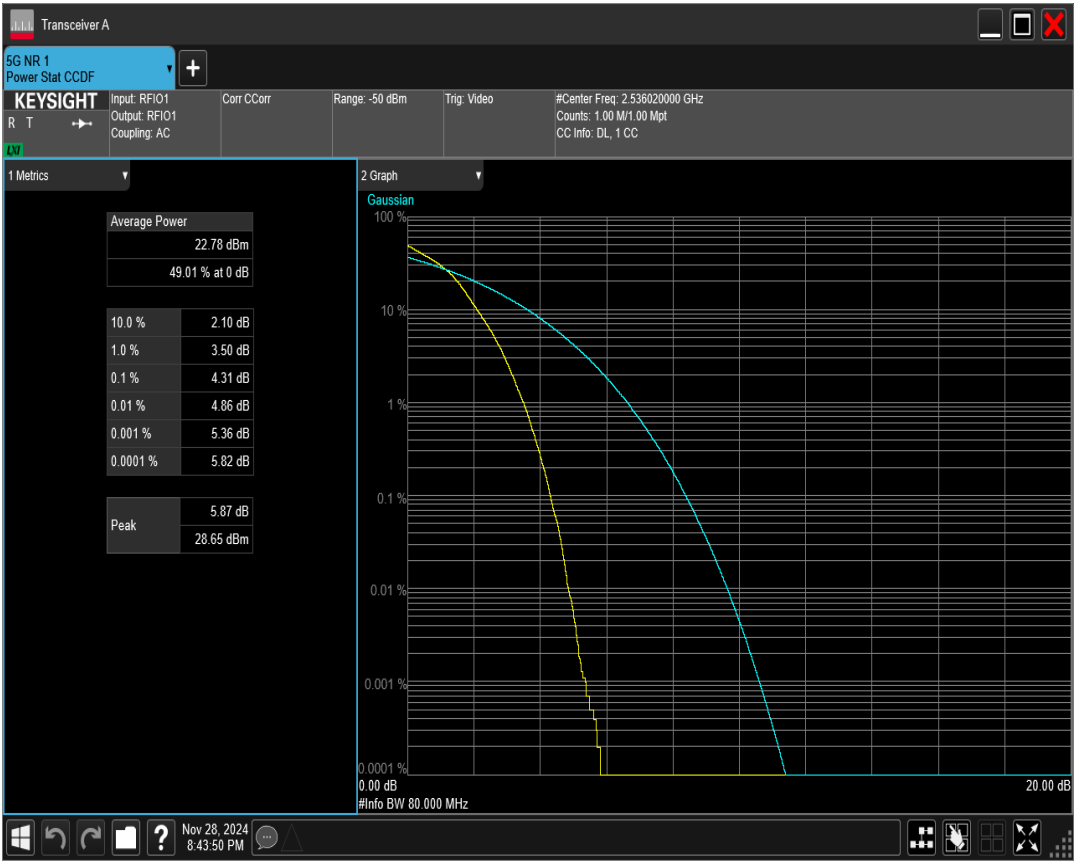




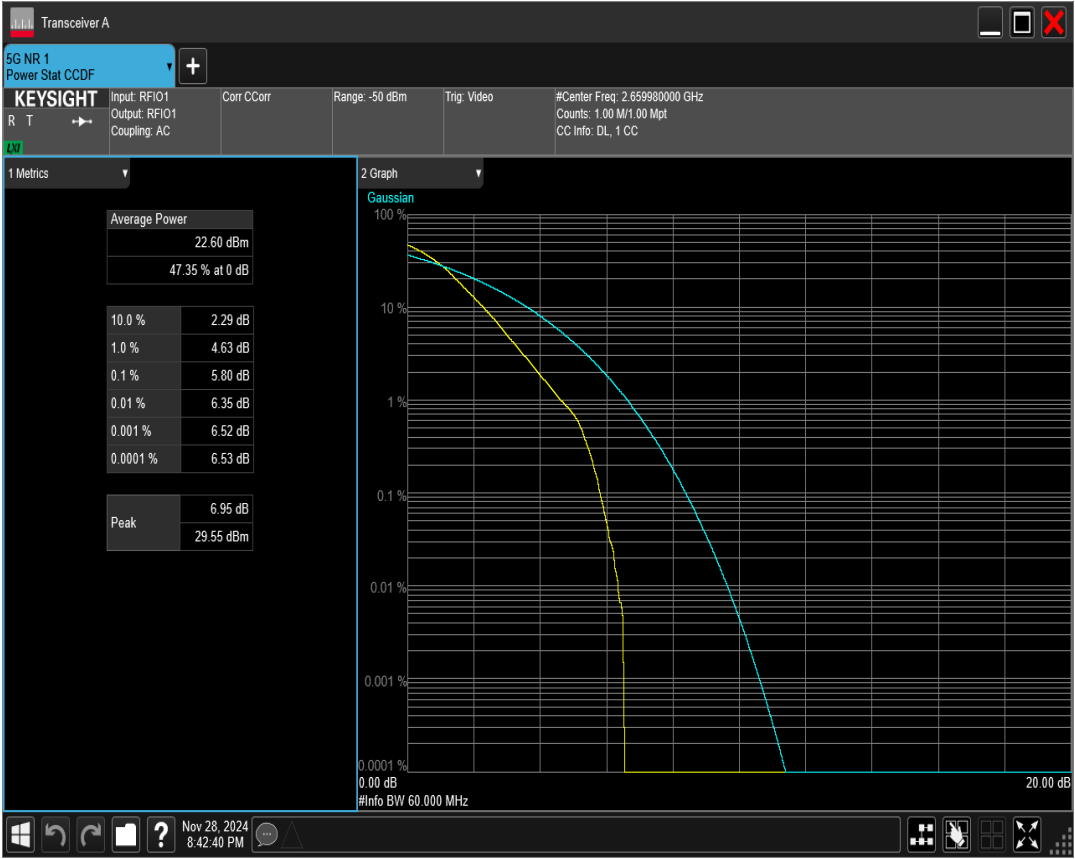
*n41 SCS=30kHz DFT\_QAM16 BW=100MHz Channel=518598 RB=270@0*



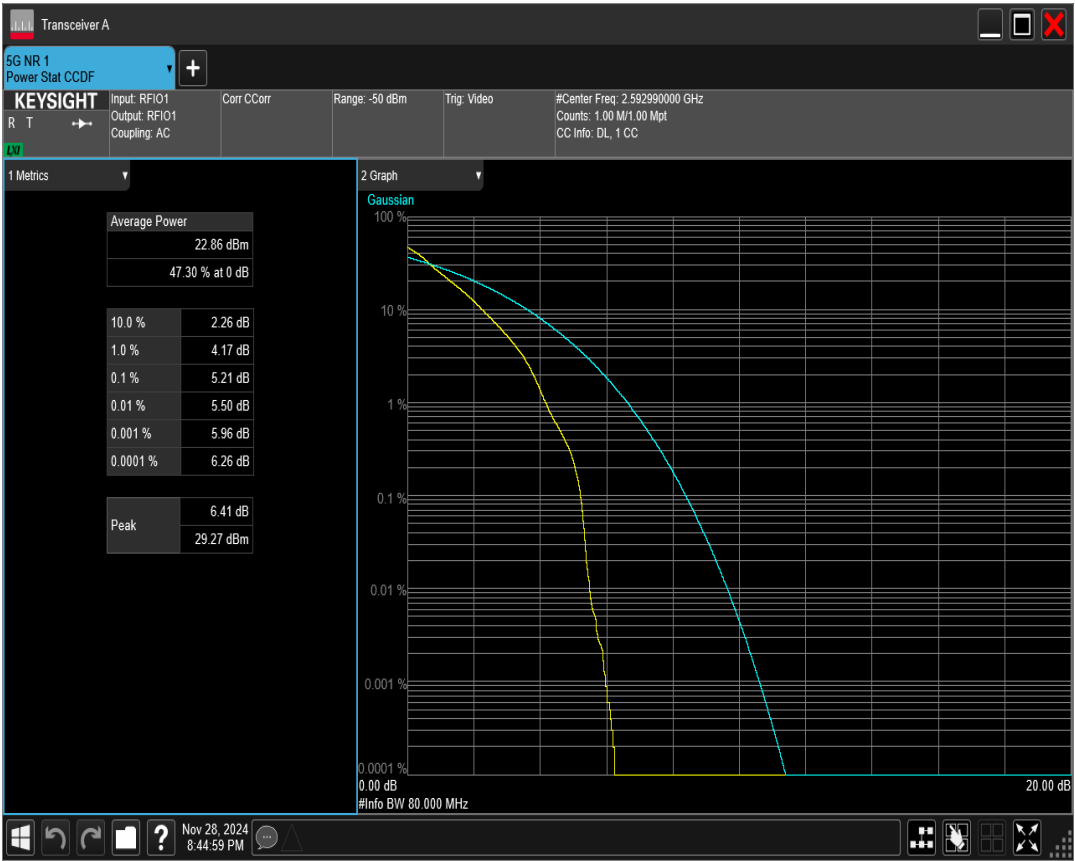
*n41 SCS=30kHz DFT\_BPSK BW=80MHz Channel=507204 RB=216@0*



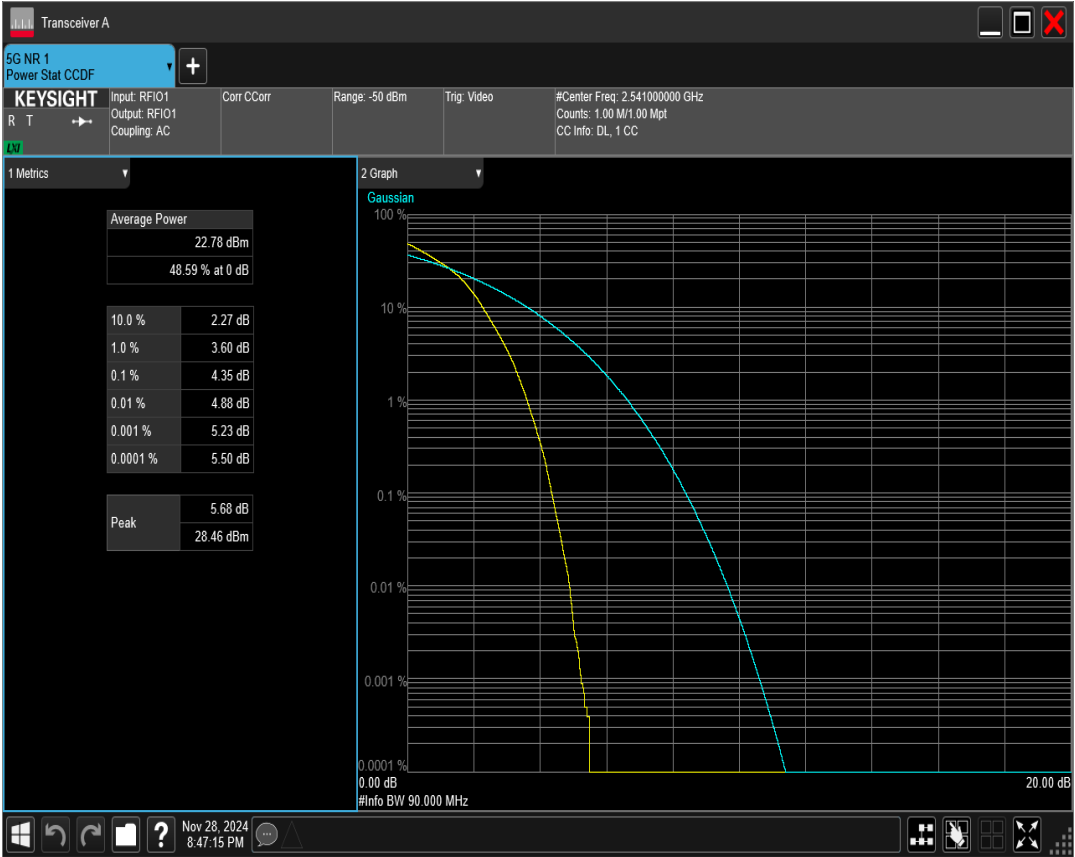
*n41 SCS=30kHz DFT\_BPSK BW=60MHz Channel=531996 RB=162@0*



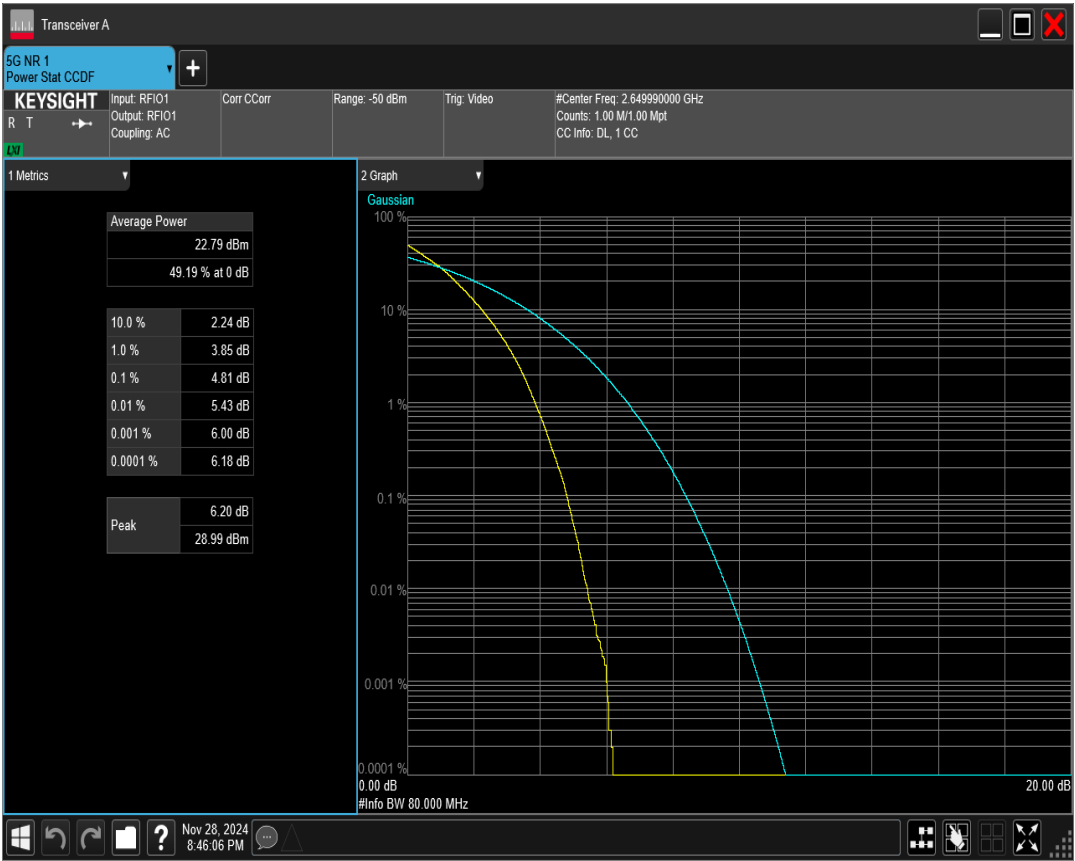
*n41 SCS=30kHz DFT\_BPSK BW=80MHz Channel=518598 RB=216@0*



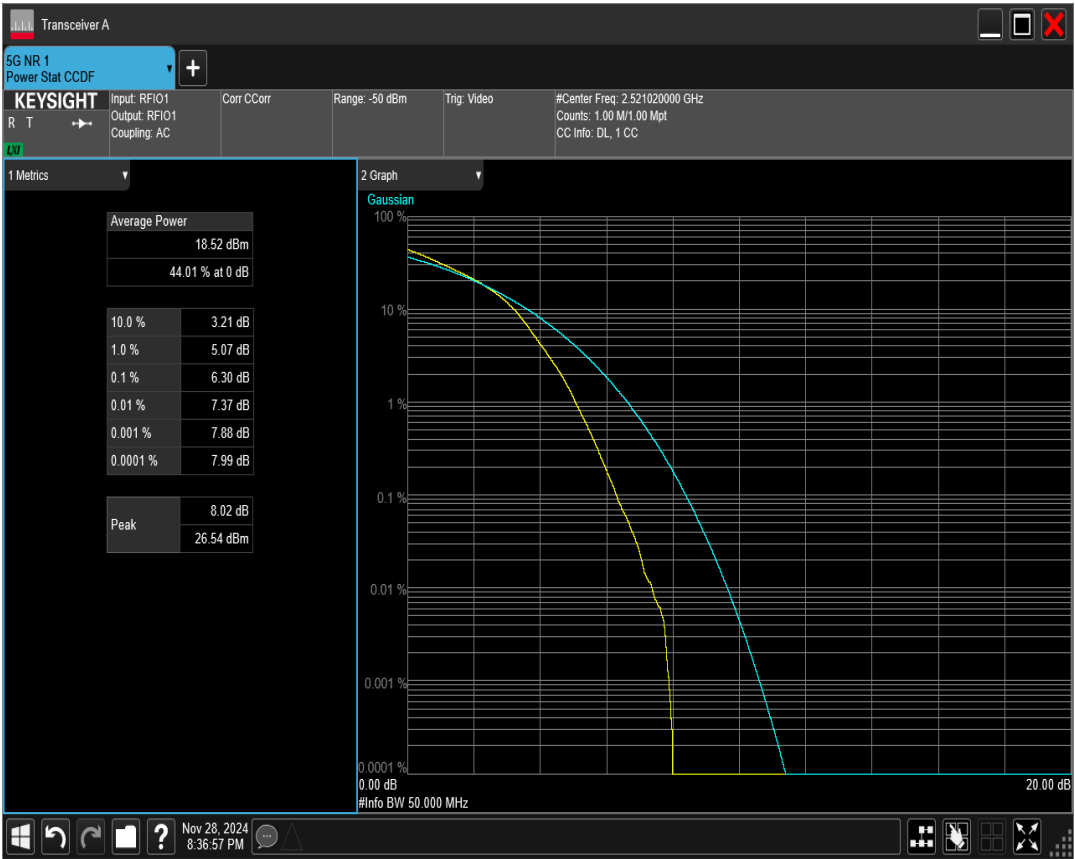
*n41 SCS=30kHz DFT\_BPSK BW=90MHz Channel=508200 RB=240@0*



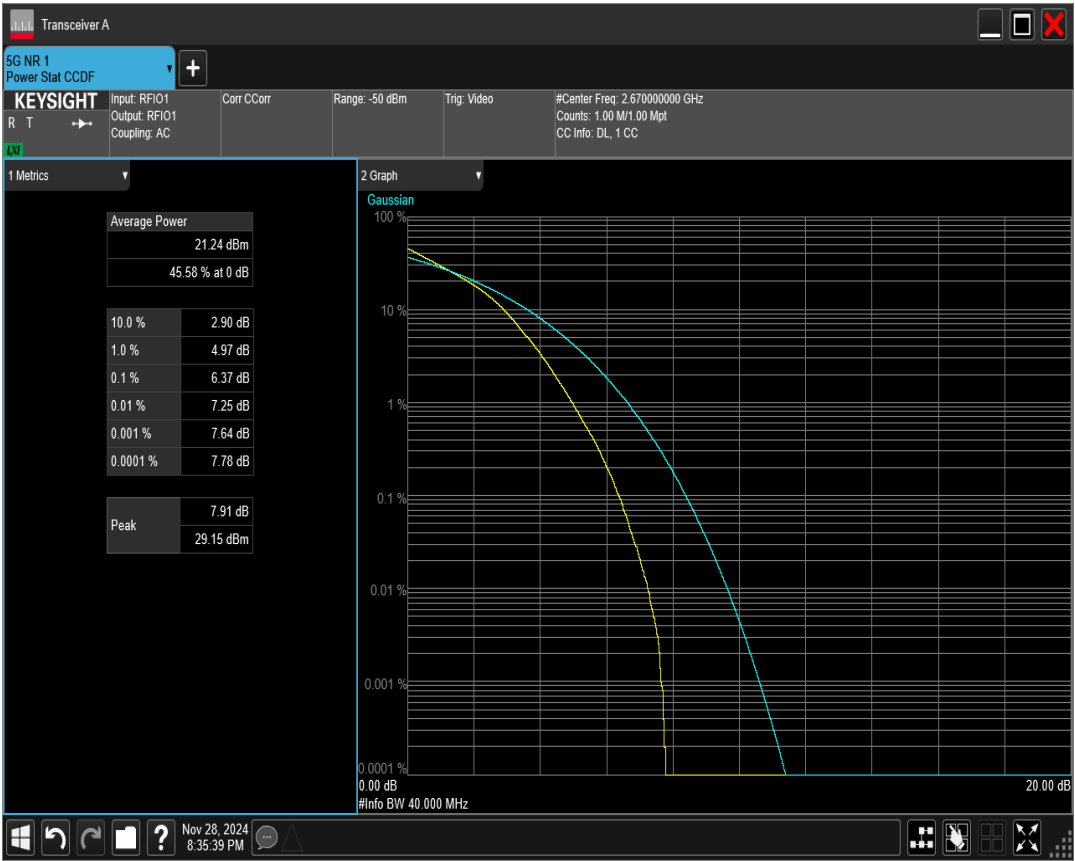
*n41 SCS=30kHz DFT\_BPSK BW=80MHz Channel=529998 RB=216@0*



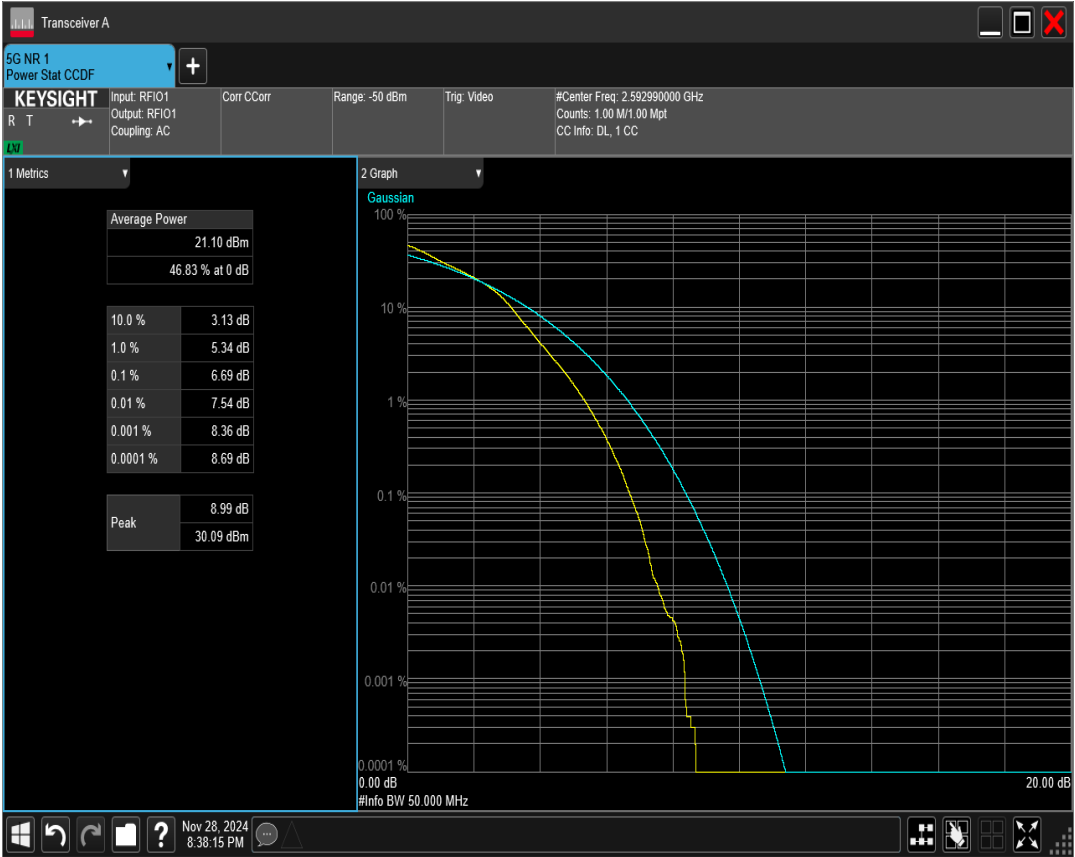
*n41 SCS=30kHz DFT\_QAM16 BW=50MHz Channel=504204 RB=128@0*



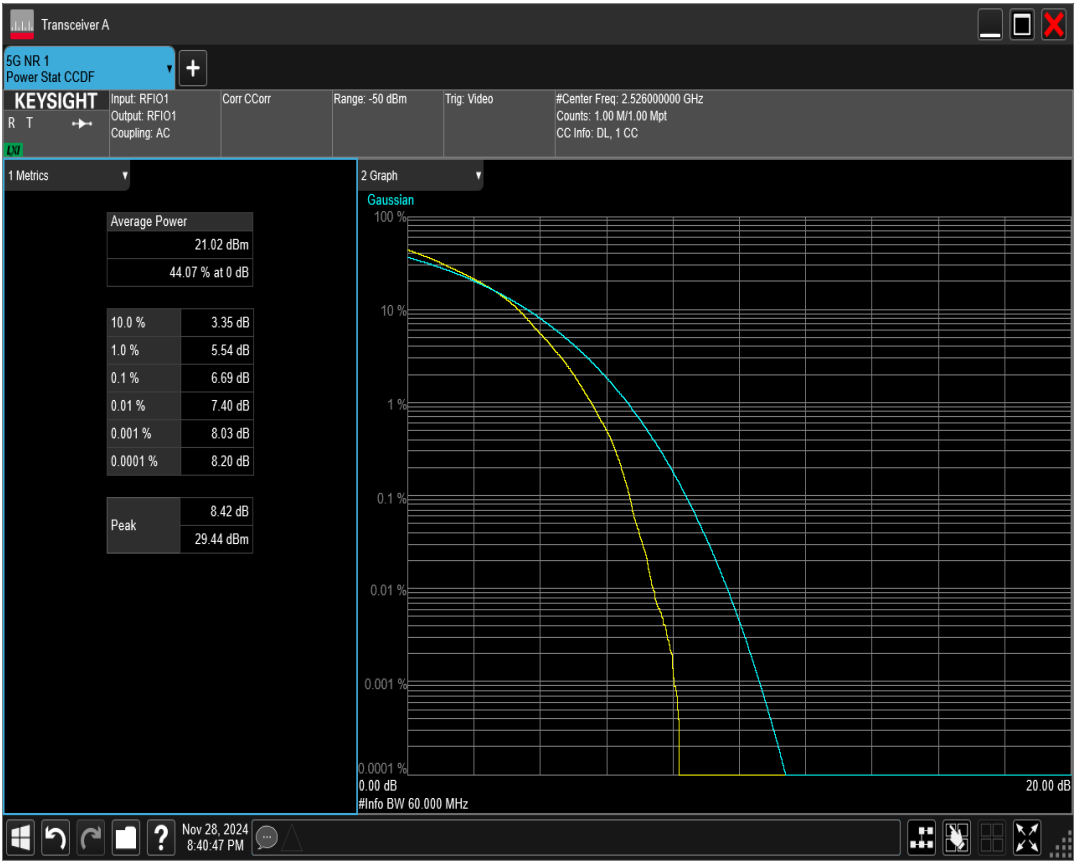
*n41 SCS=30kHz DFT\_QAM16 BW=40MHz Channel=534000 RB=100@0*



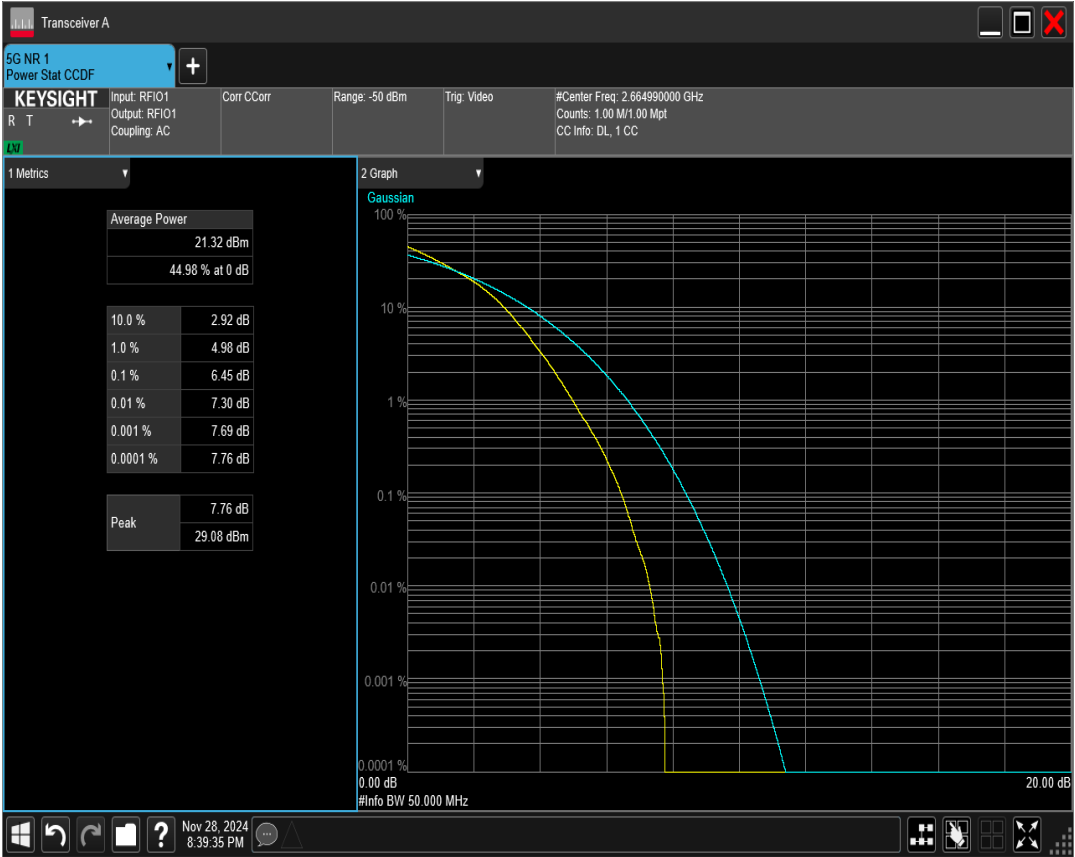
*n41 SCS=30kHz DFT\_QAM16 BW=50MHz Channel=518598 RB=128@0*



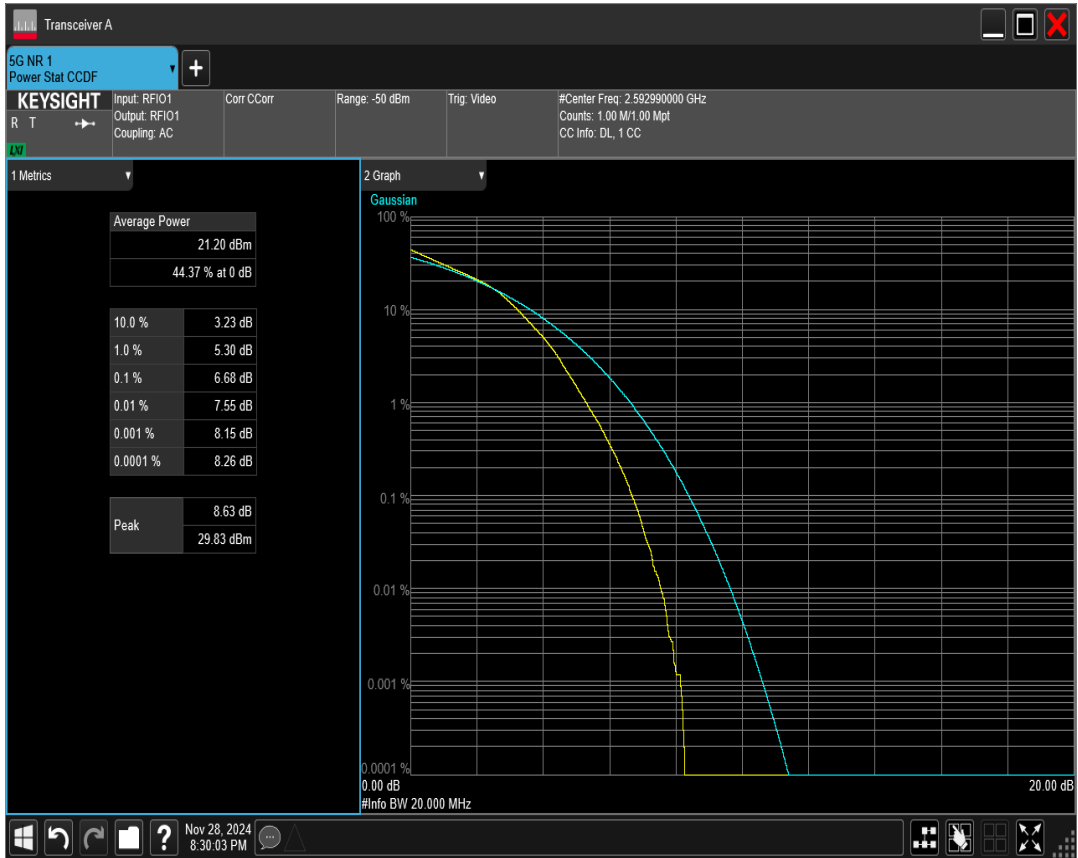
*n41 SCS=30kHz DFT\_QAM16 BW=60MHz Channel=505200 RB=162@0*



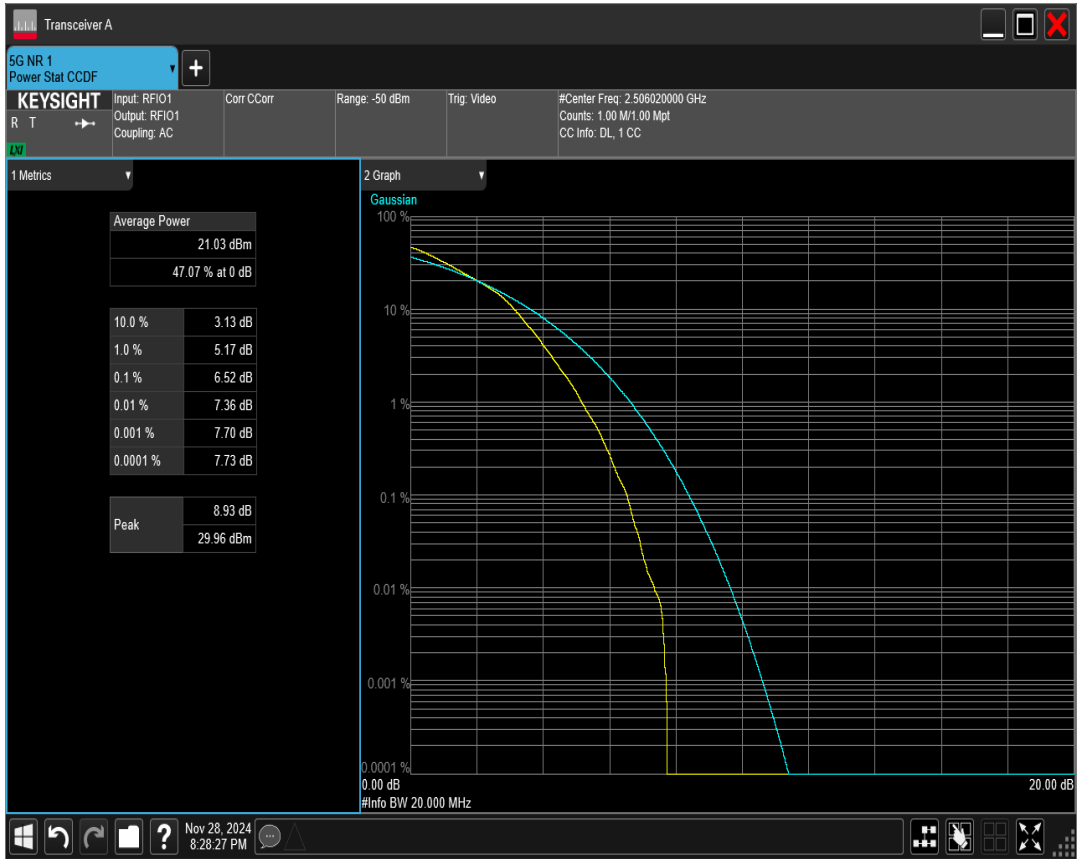
**n41 SCS=30kHz DFT\_QAM16 BW=50MHz Channel=532998 RB=128@0**



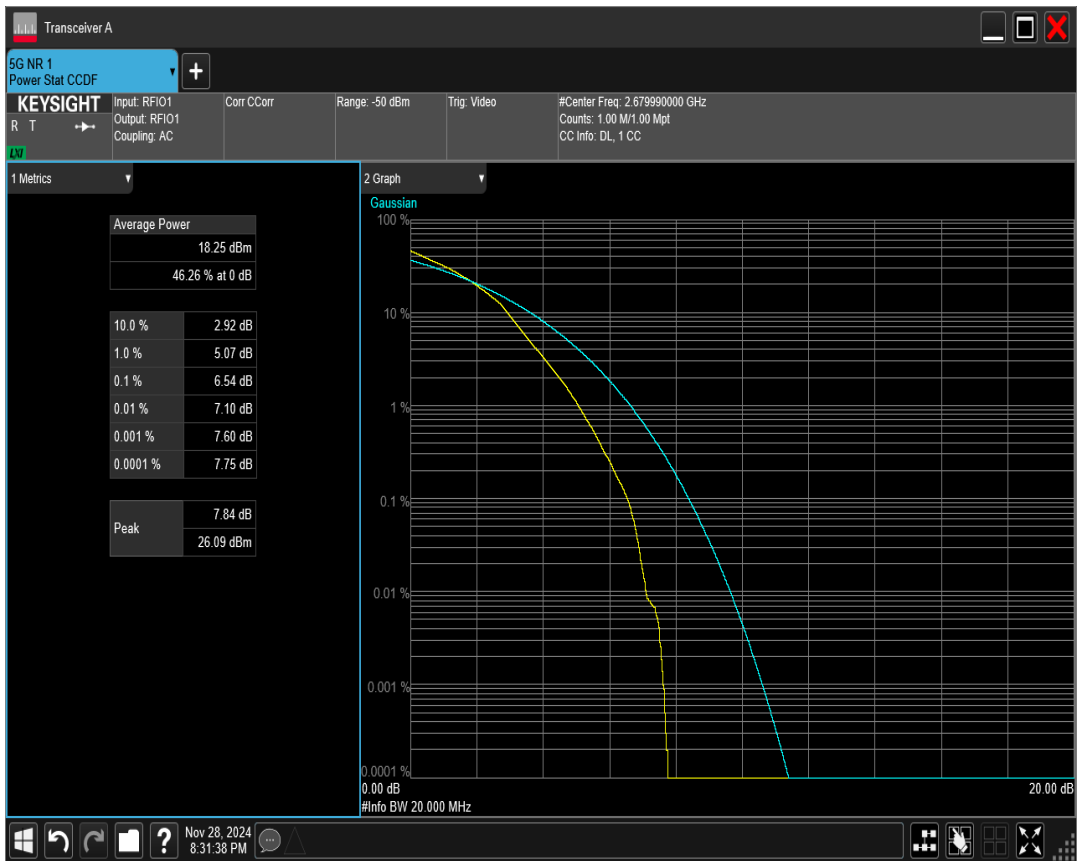
**n41 SCS=30kHz DFT\_QAM16 BW=20MHz Channel=518598 RB=50@0**



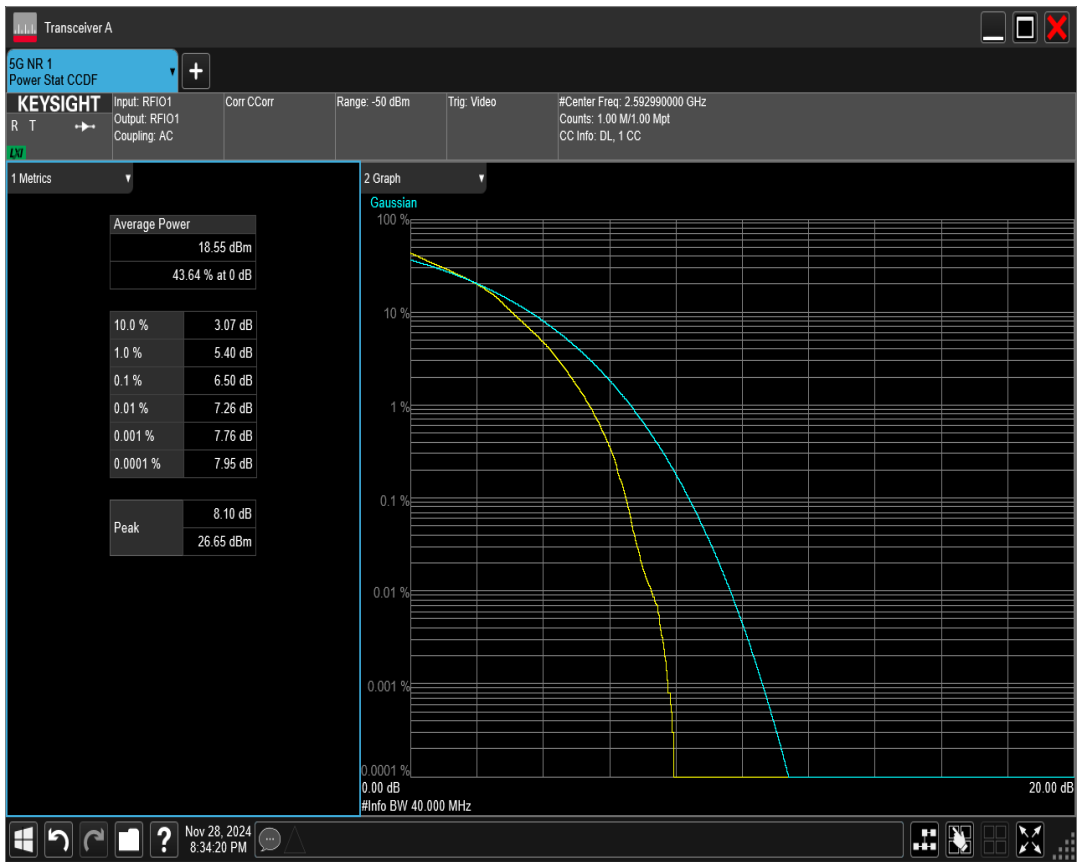
***n41 SCS=30kHz DFT\_QAM16 BW=20MHz Channel=501204 RB=50@0***



***n41 SCS=30kHz DFT\_QAM16 BW=20MHz Channel=535998 RB=50@0***

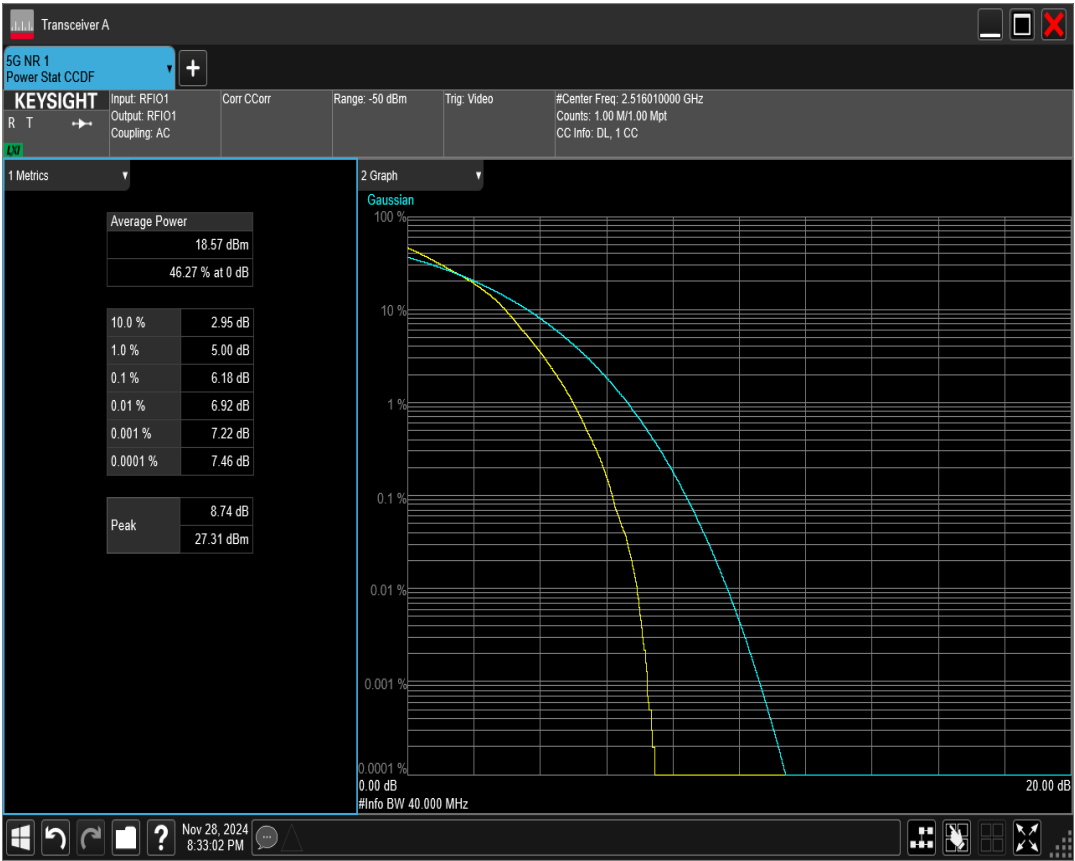


**n41 SCS=30kHz DFT\_QAM16 BW=40MHz Channel=518598 RB=100@0**

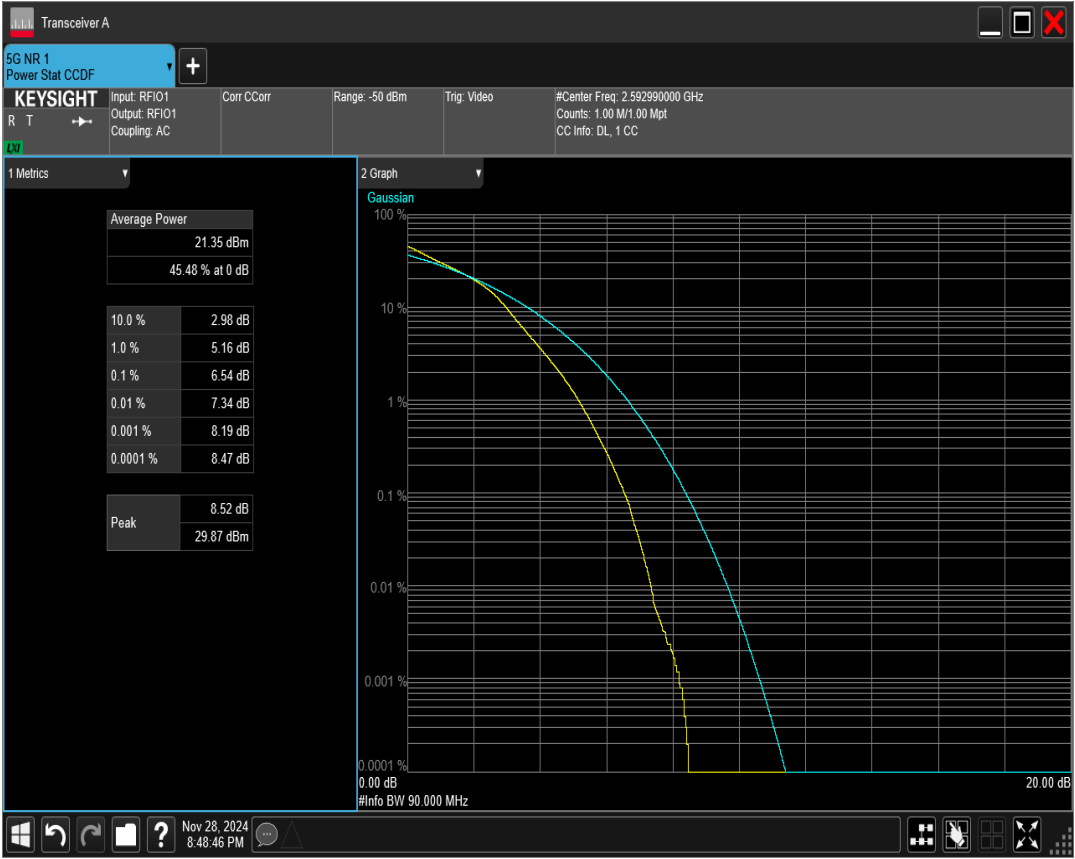


**n41 SCS=30kHz DFT\_QAM16 BW=40MHz Channel=503202 RB=100@0**

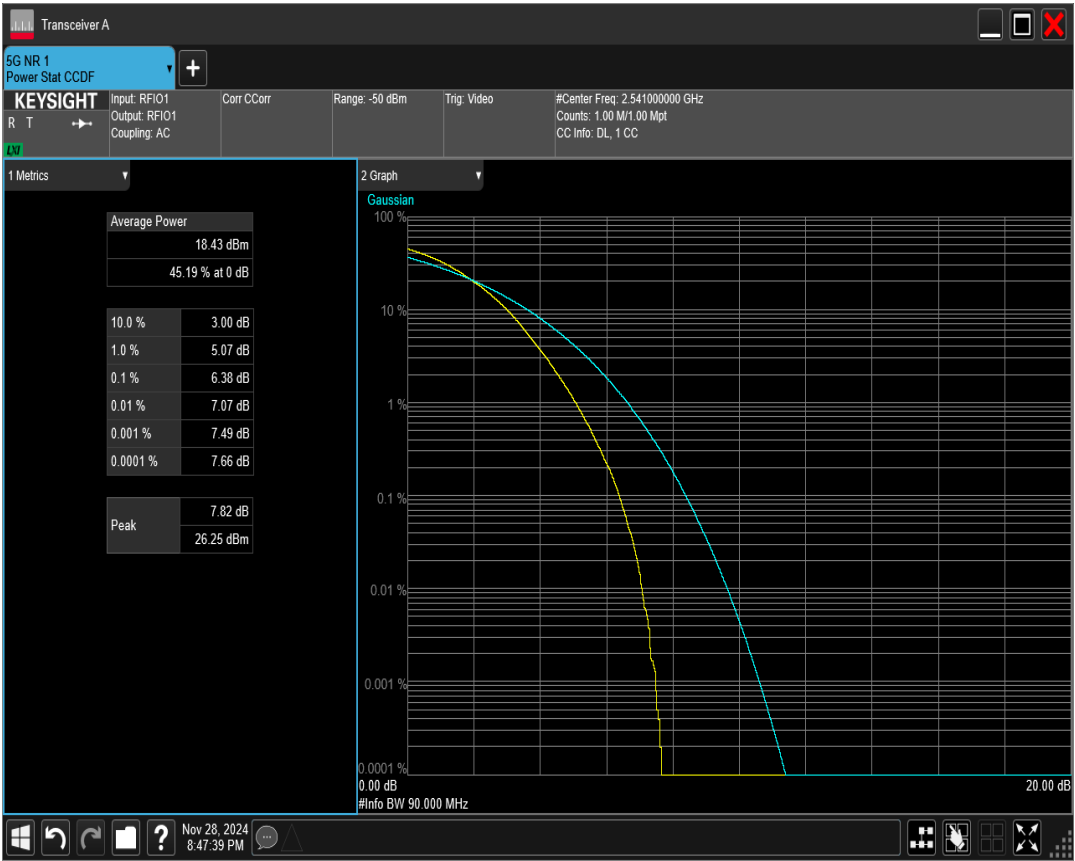




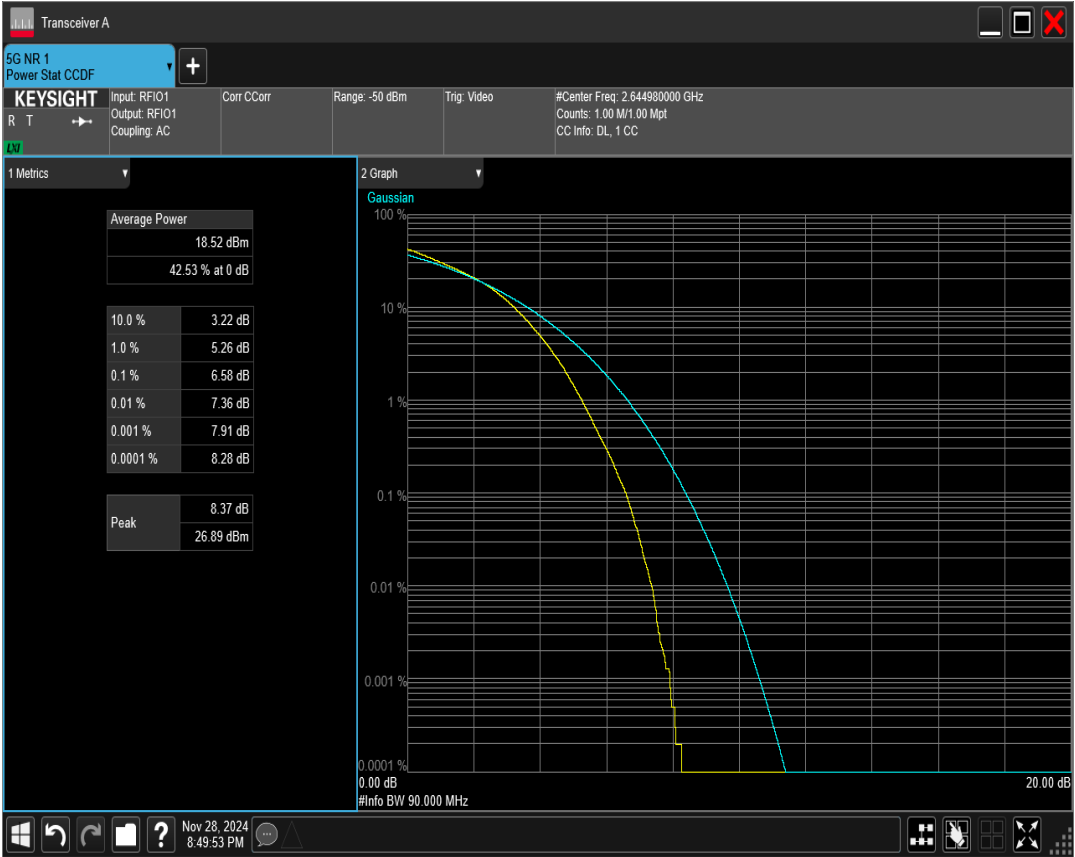
*n41 SCS=30kHz DFT\_QAM16 BW=90MHz Channel=518598 RB=240@0*



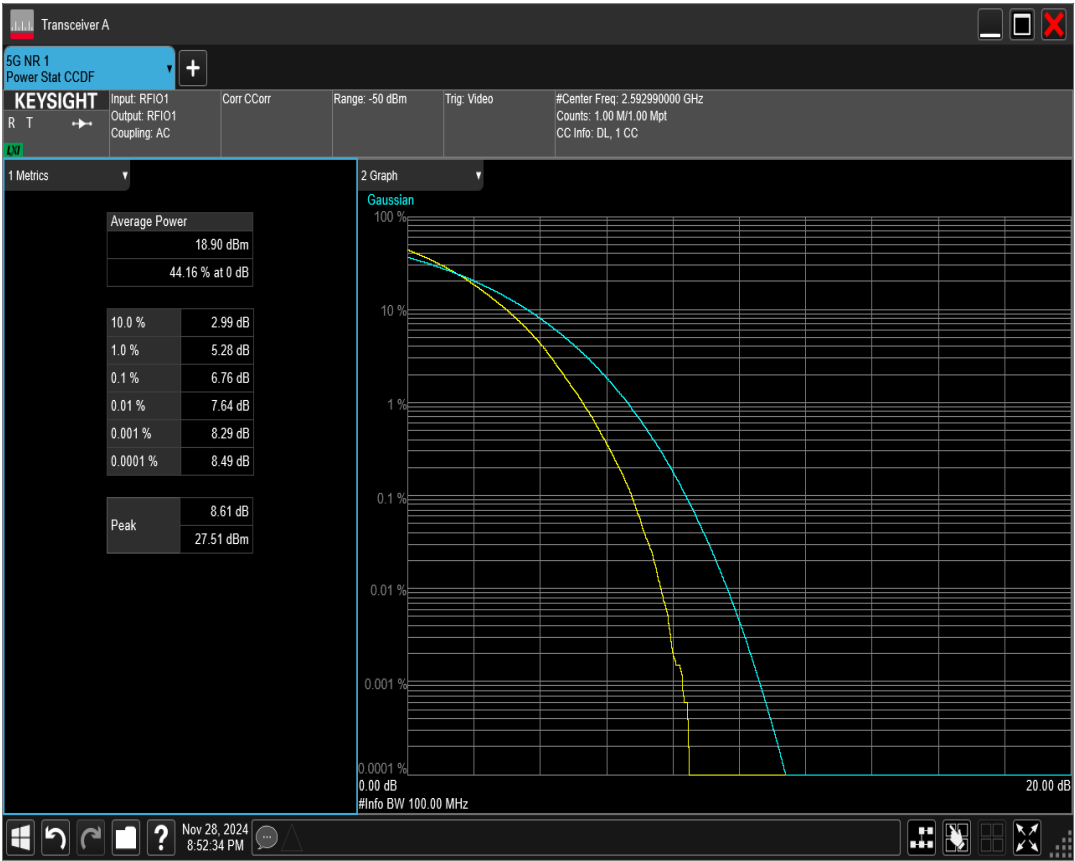
*n41 SCS=30kHz DFT\_QAM16 BW=90MHz Channel=508200 RB=240@0*



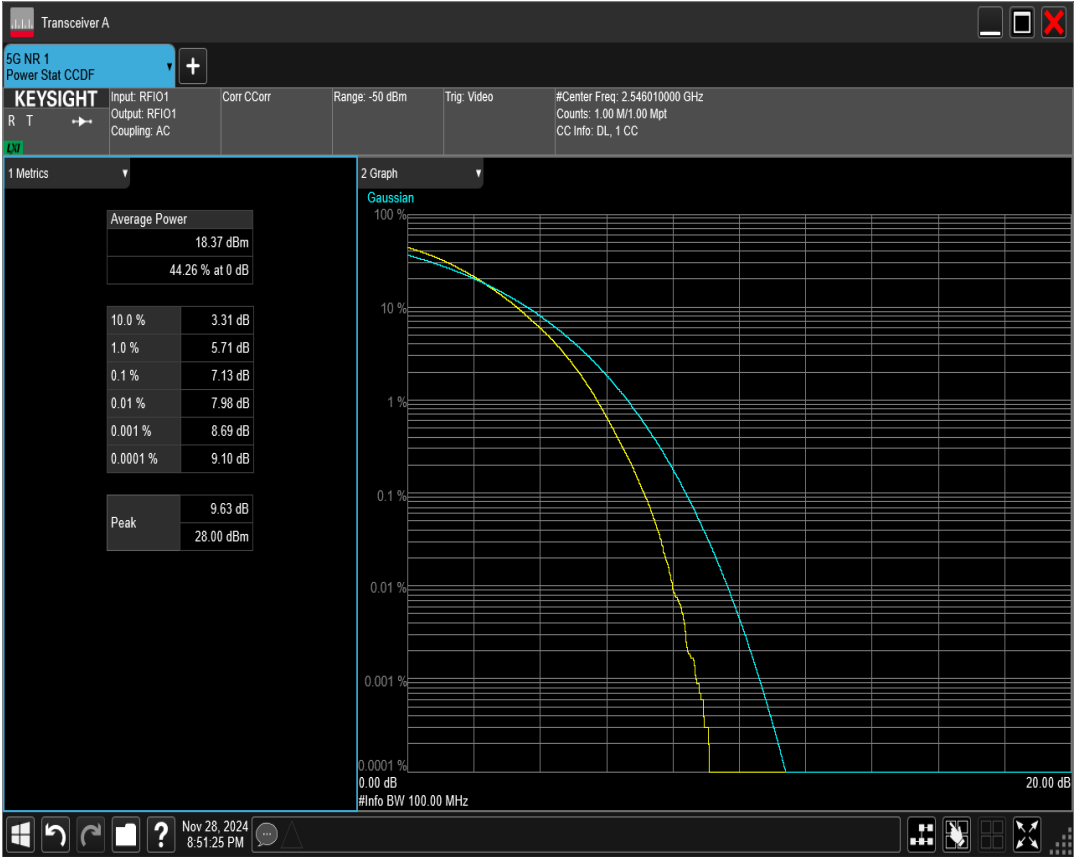
*n41 SCS=30kHz DFT\_QAM16 BW=90MHz Channel=528996 RB=240@0*



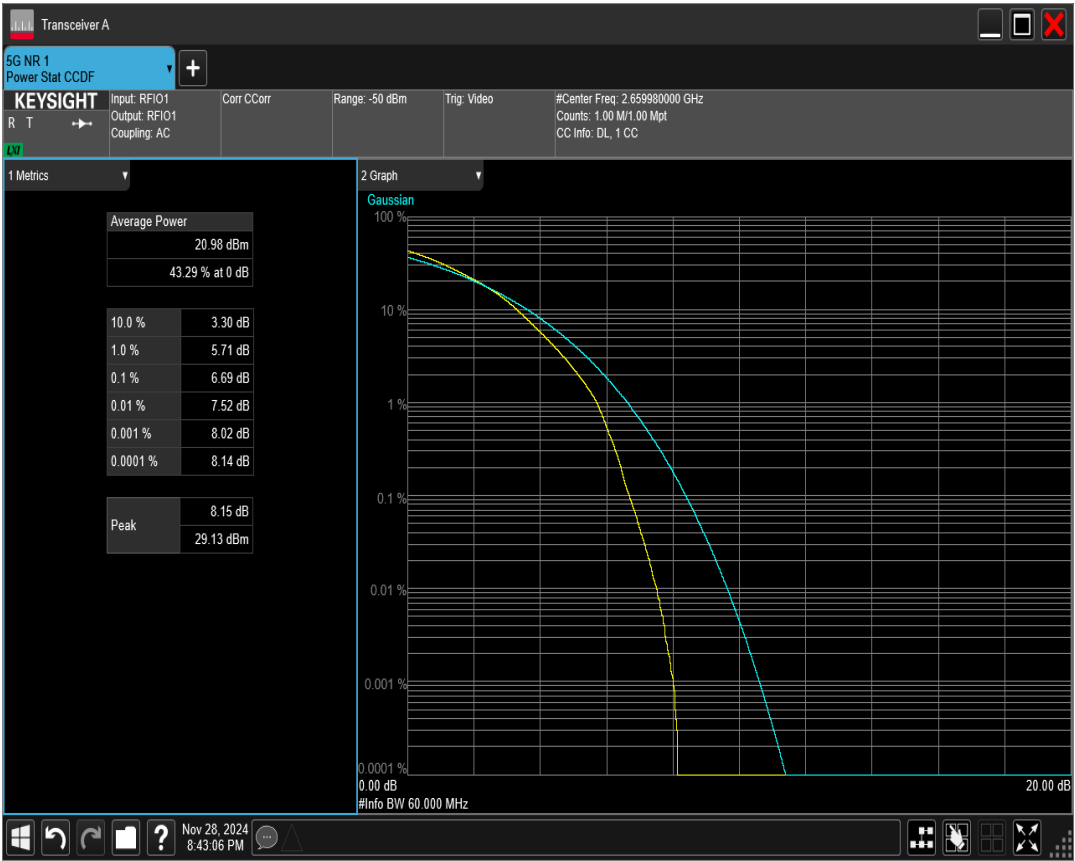
*n41 SCS=30kHz DFT\_QAM256 BW=100MHz Channel=518598 RB=270@0*



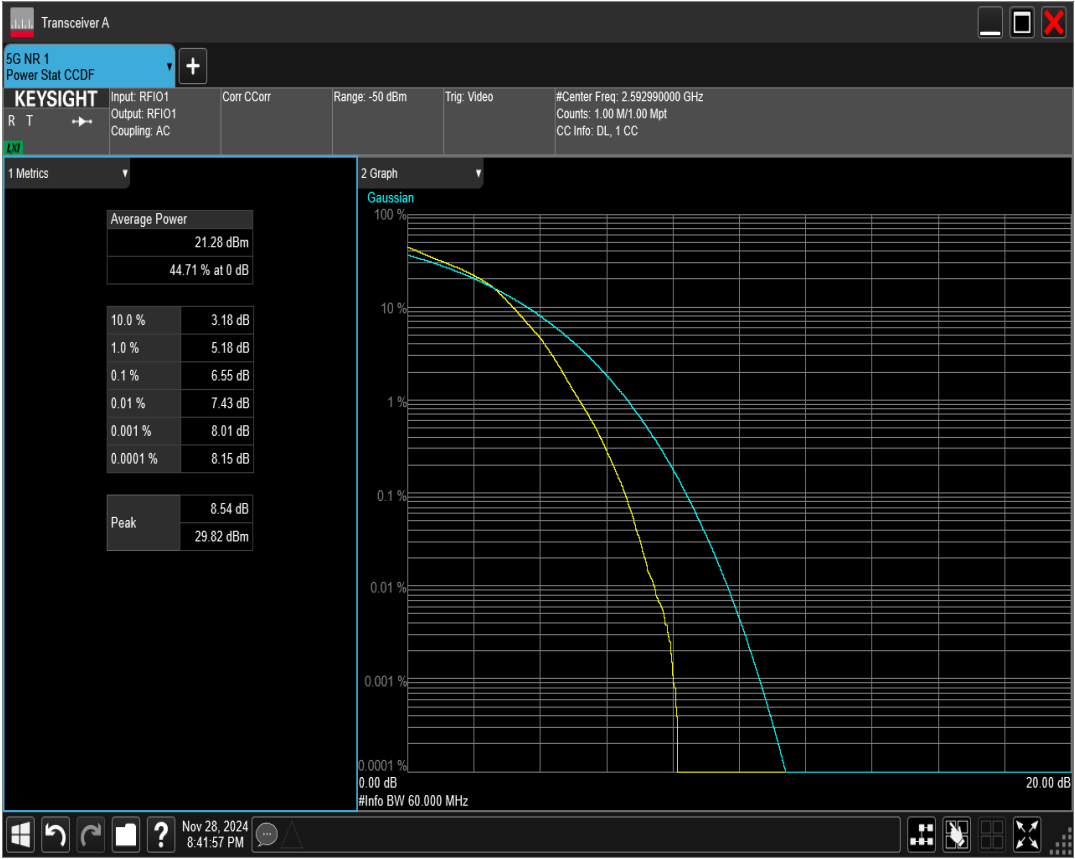
*n41 SCS=30kHz DFT\_QAM256 BW=100MHz Channel=509202 RB=270@0*



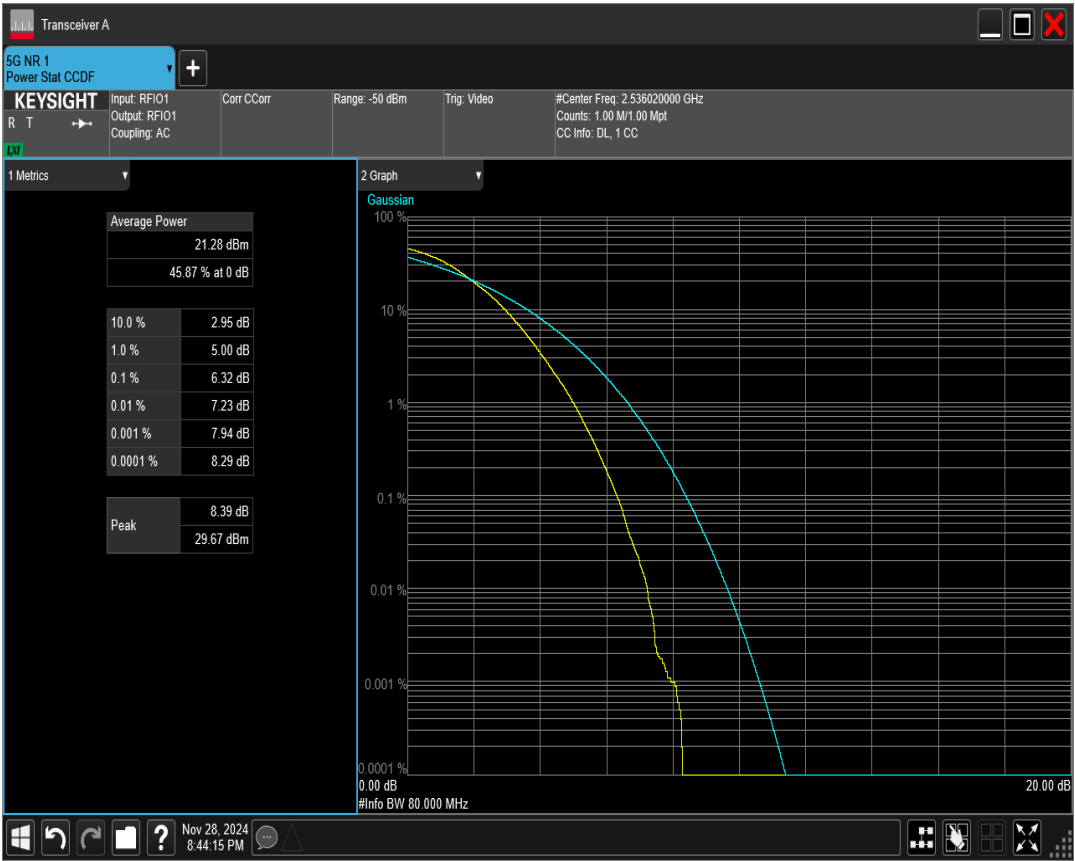
*n41 SCS=30kHz DFT\_QAM16 BW=60MHz Channel=531996 RB=162@0*



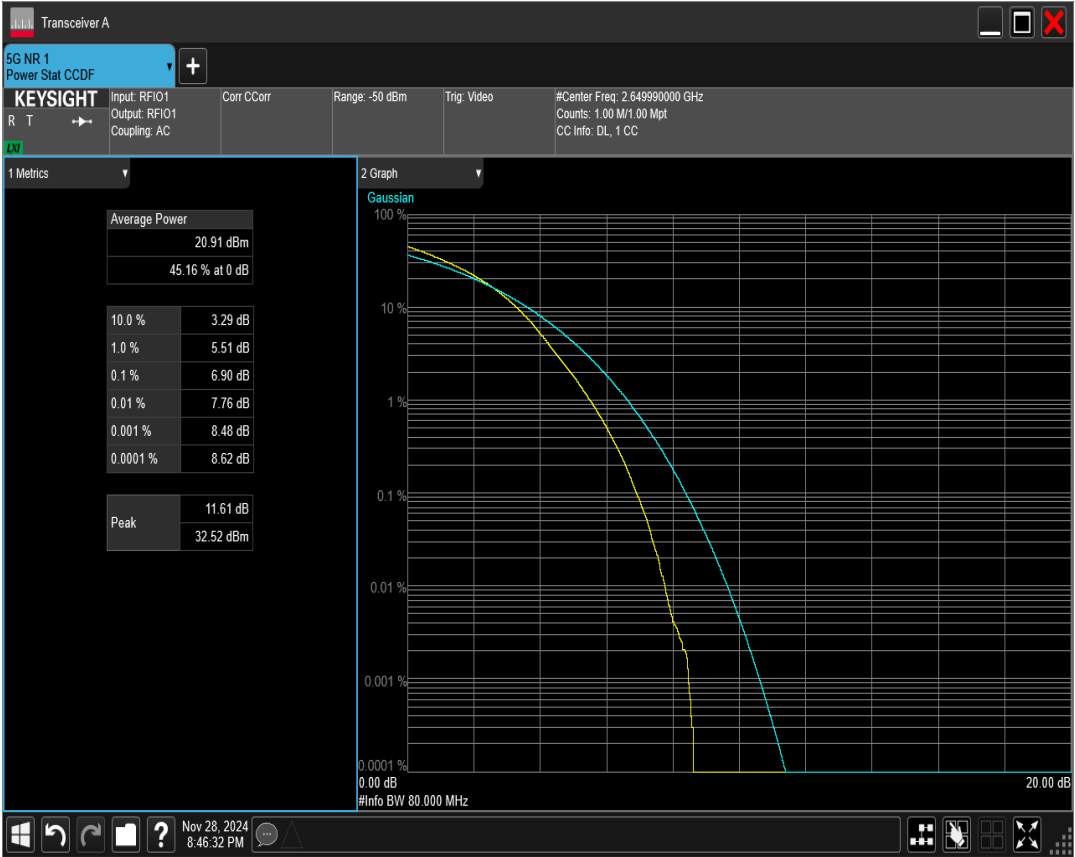
*n41 SCS=30kHz DFT\_QAM16 BW=60MHz Channel=518598 RB=162@0*



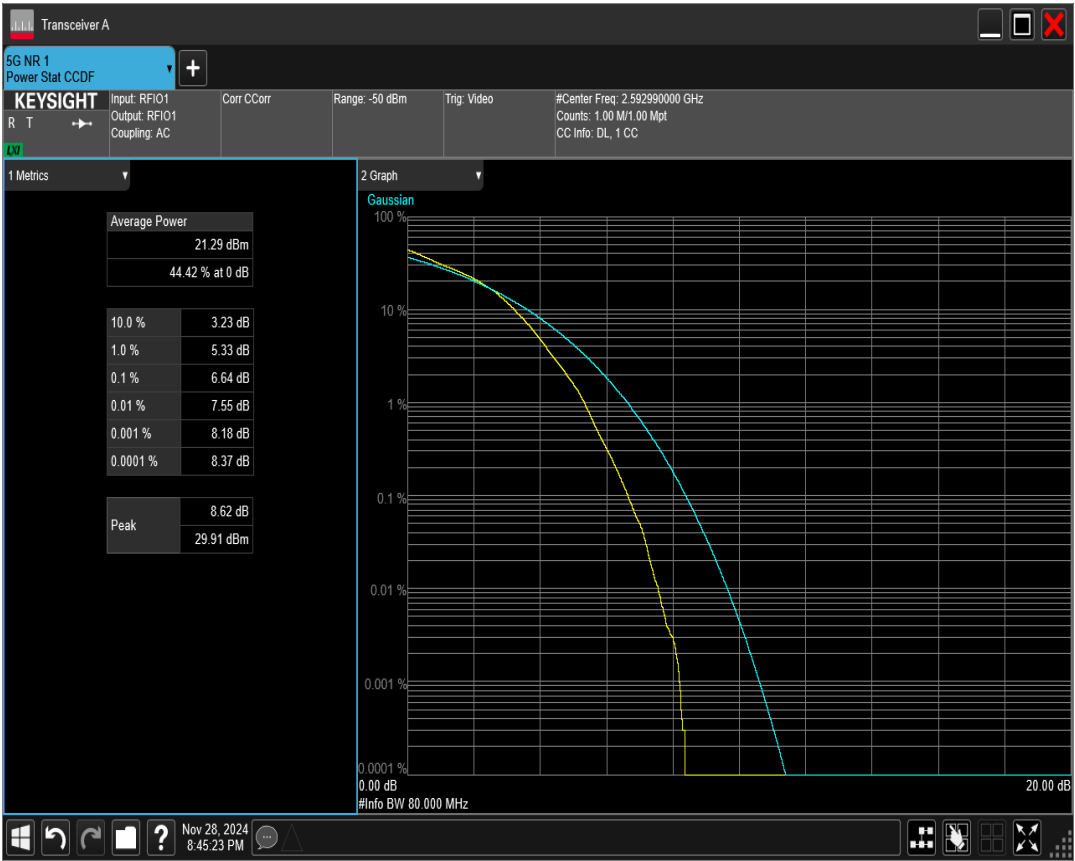
*n41 SCS=30kHz DFT\_QAM16 BW=80MHz Channel=507204 RB=216@0*



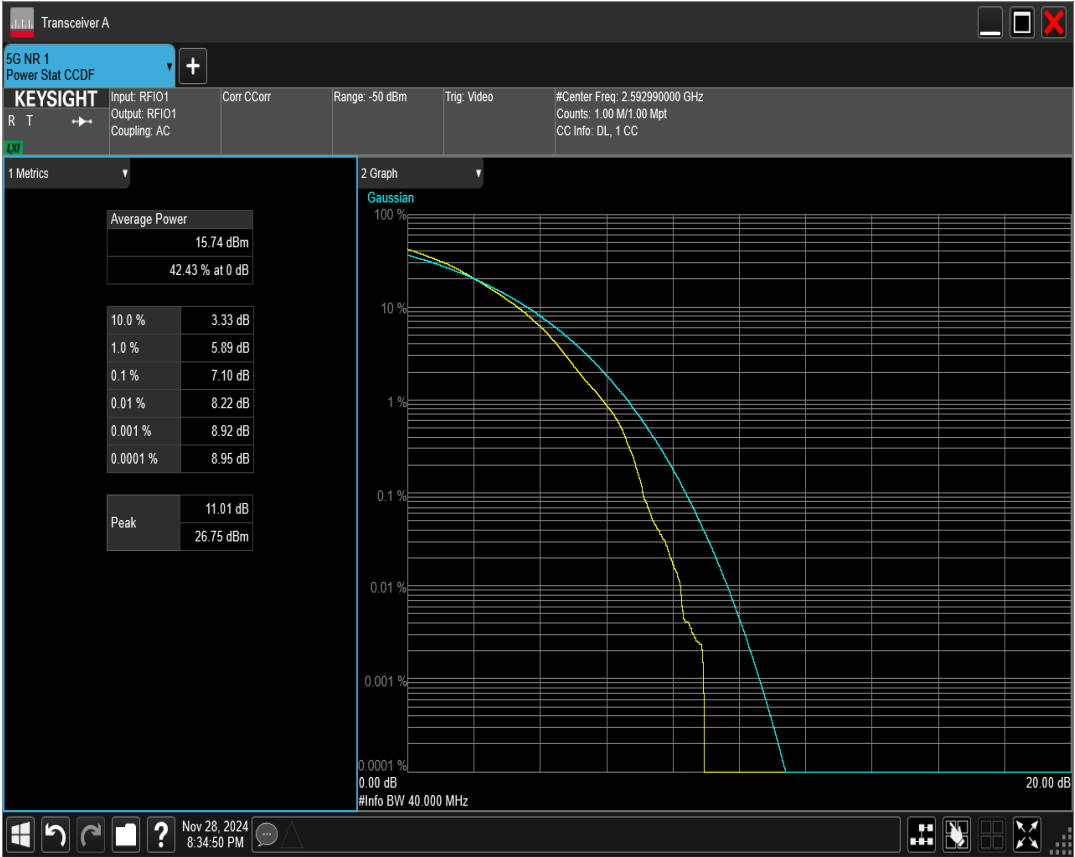
**n41 SCS=30kHz DFT\_QAM16 BW=80MHz Channel=529998 RB=216@0**



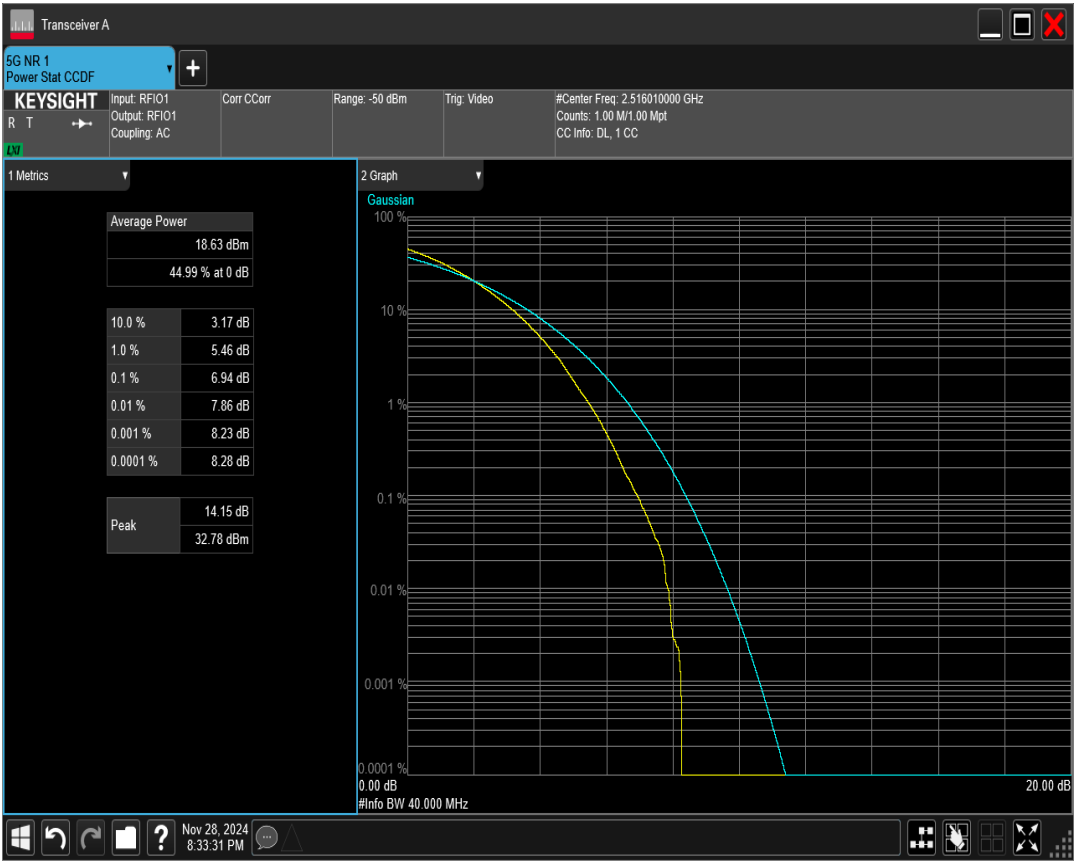
**n41 SCS=30kHz DFT\_QAM16 BW=80MHz Channel=518598 RB=216@0**



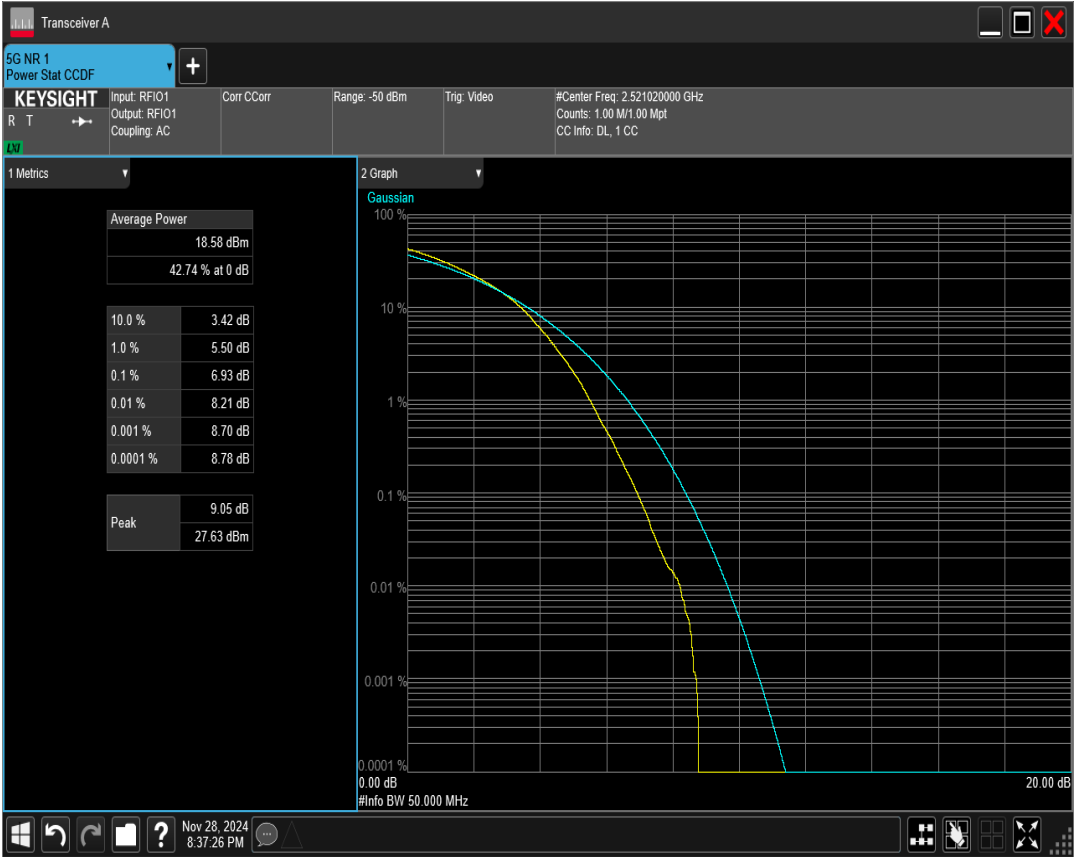
*n41 SCS=30kHz DFT\_QAM256 BW=40MHz Channel=518598 RB=100@0*



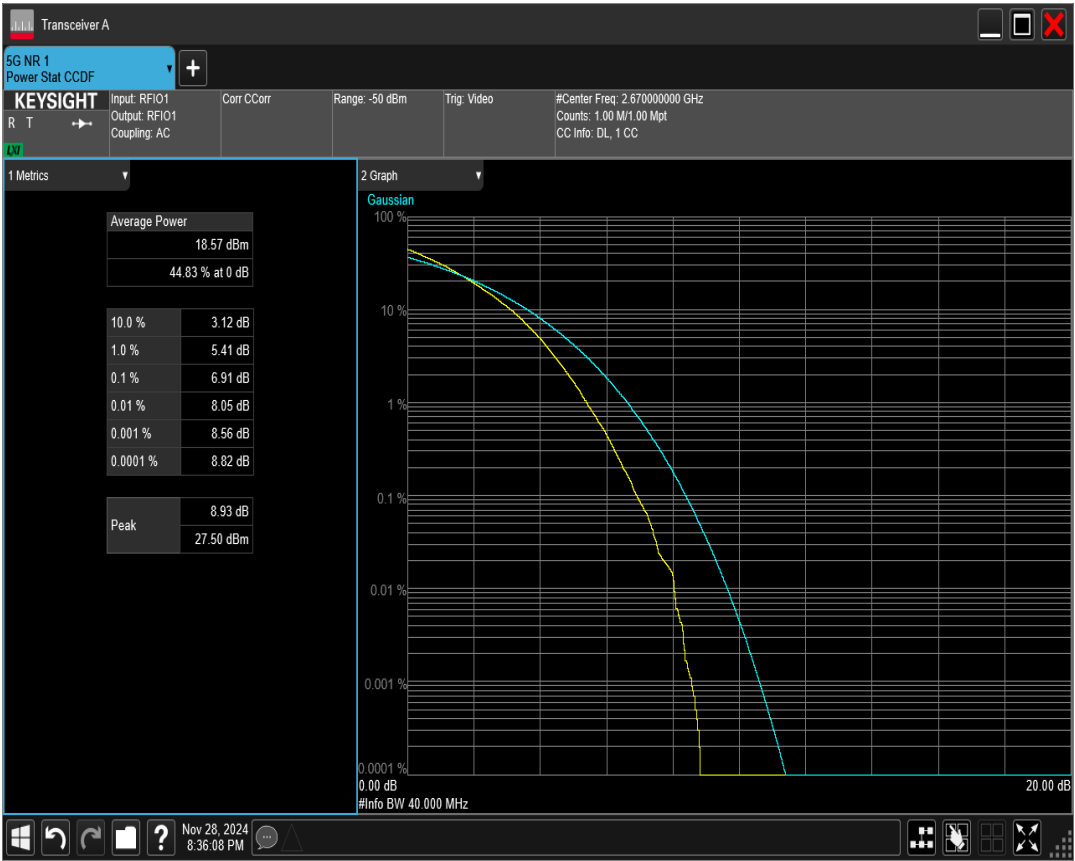
*n41 SCS=30kHz DFT\_QAM256 BW=40MHz Channel=503202 RB=100@0*



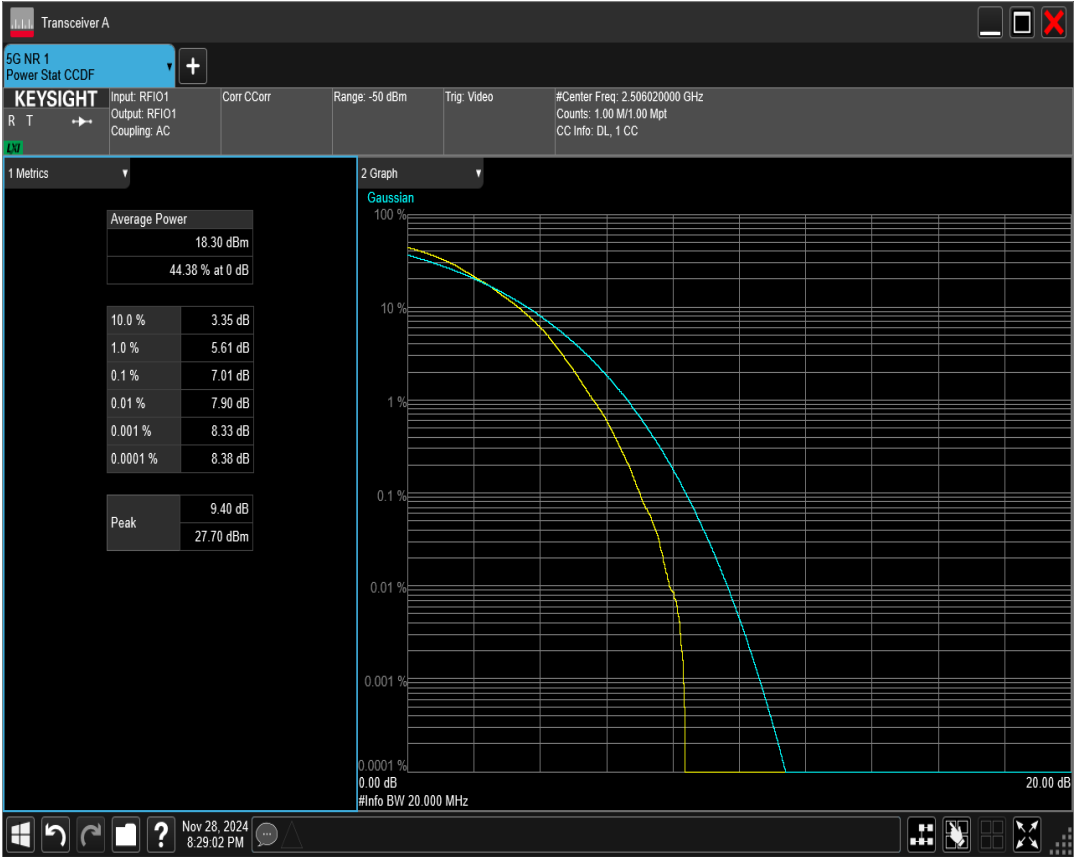
*n41 SCS=30kHz DFT\_QAM256 BW=50MHz Channel=504204 RB=128@0*



*n41 SCS=30kHz DFT\_QAM256 BW=40MHz Channel=534000 RB=100@0*

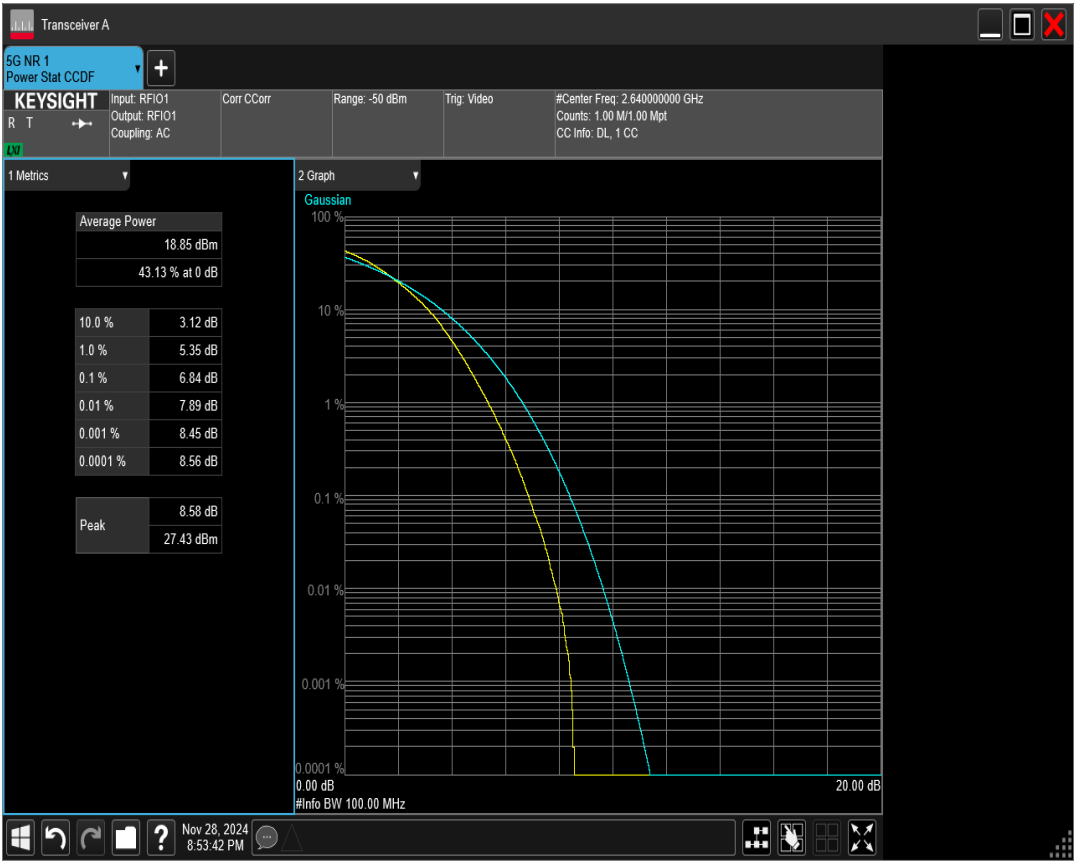


*n41 SCS=30kHz DFT\_QAM256 BW=20MHz Channel=501204 RB=50@0*

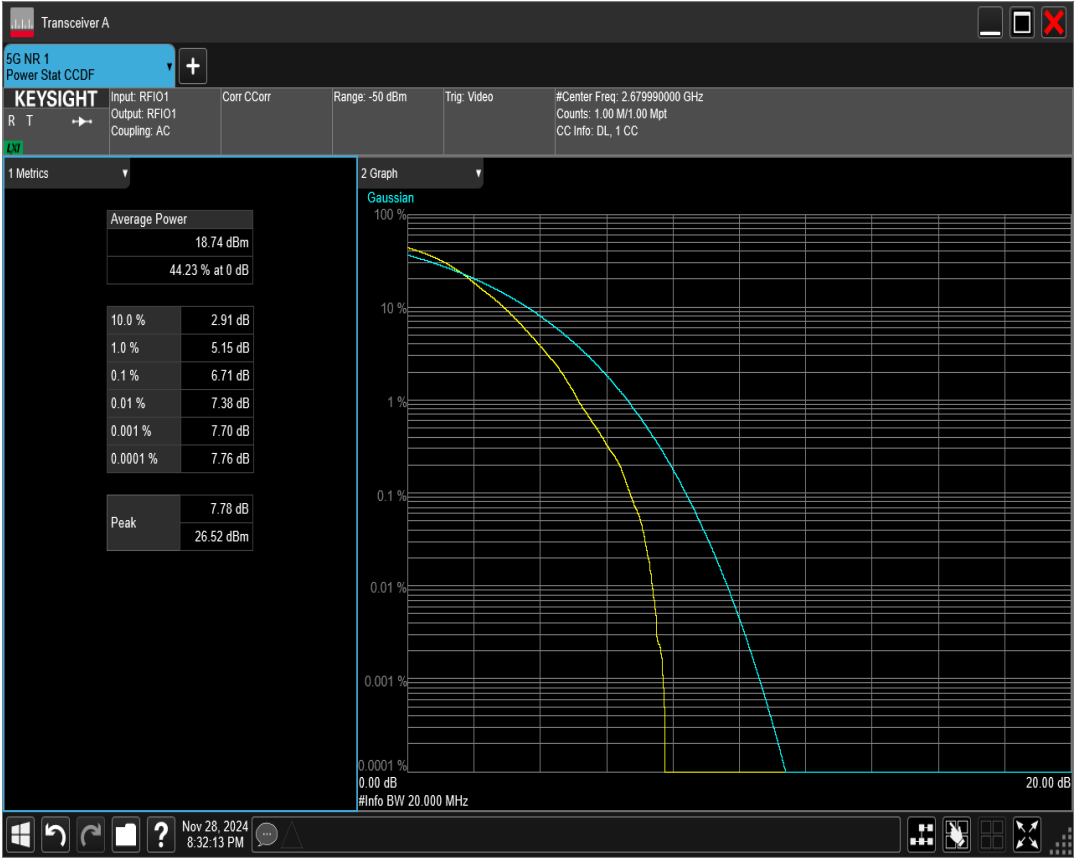


*n41 SCS=30kHz DFT\_QAM256 BW=100MHz Channel=528000 RB=270@0*

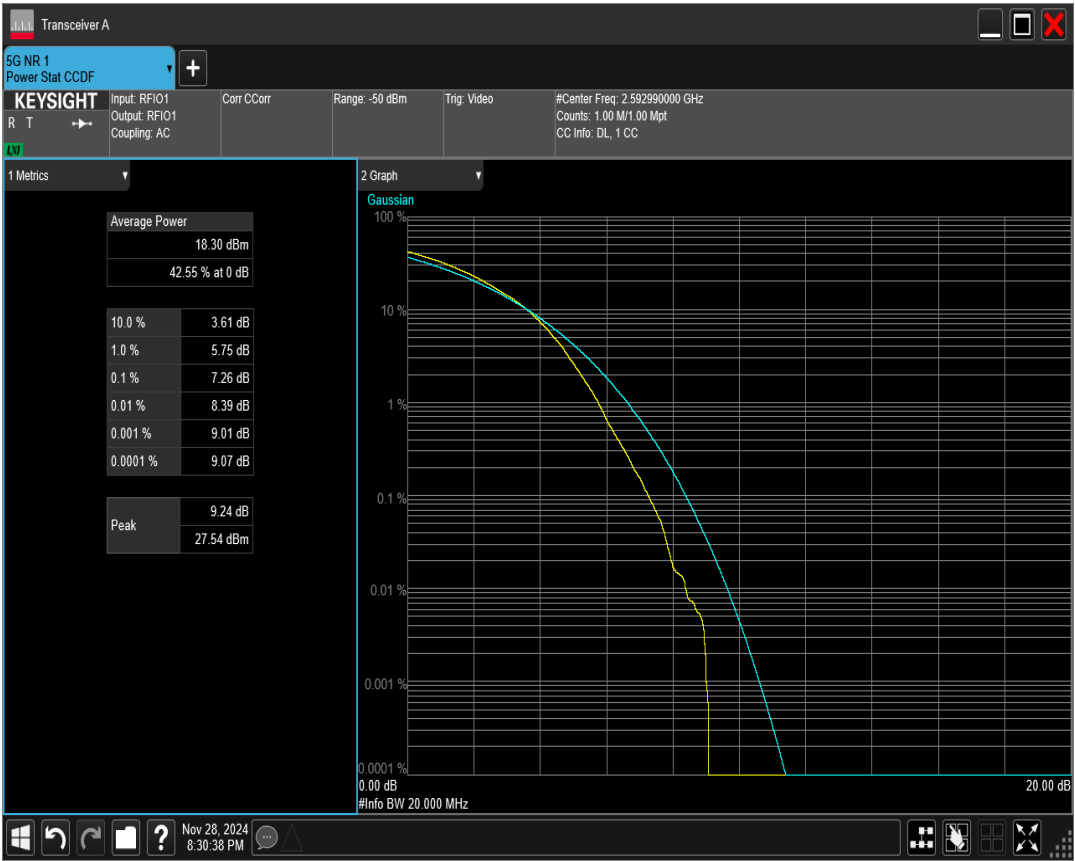




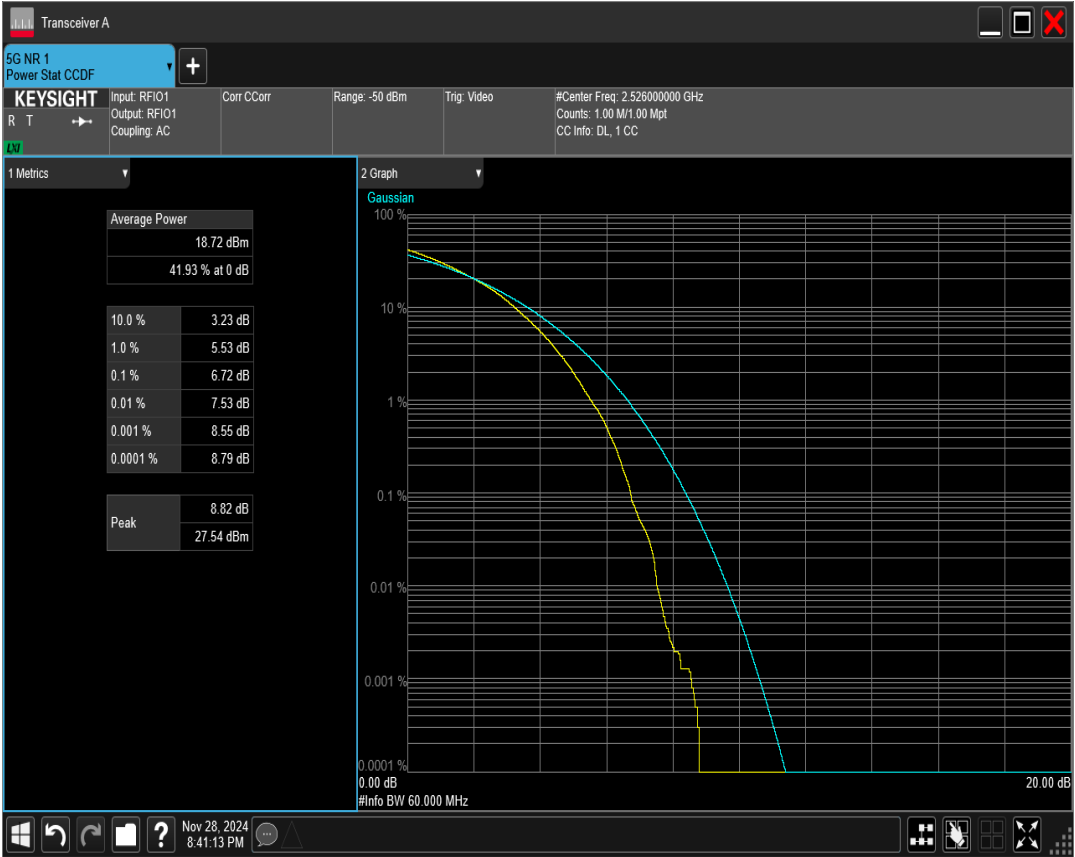
*n41 SCS=30kHz DFT\_QAM256 BW=20MHz Channel=535998 RB=50@0*



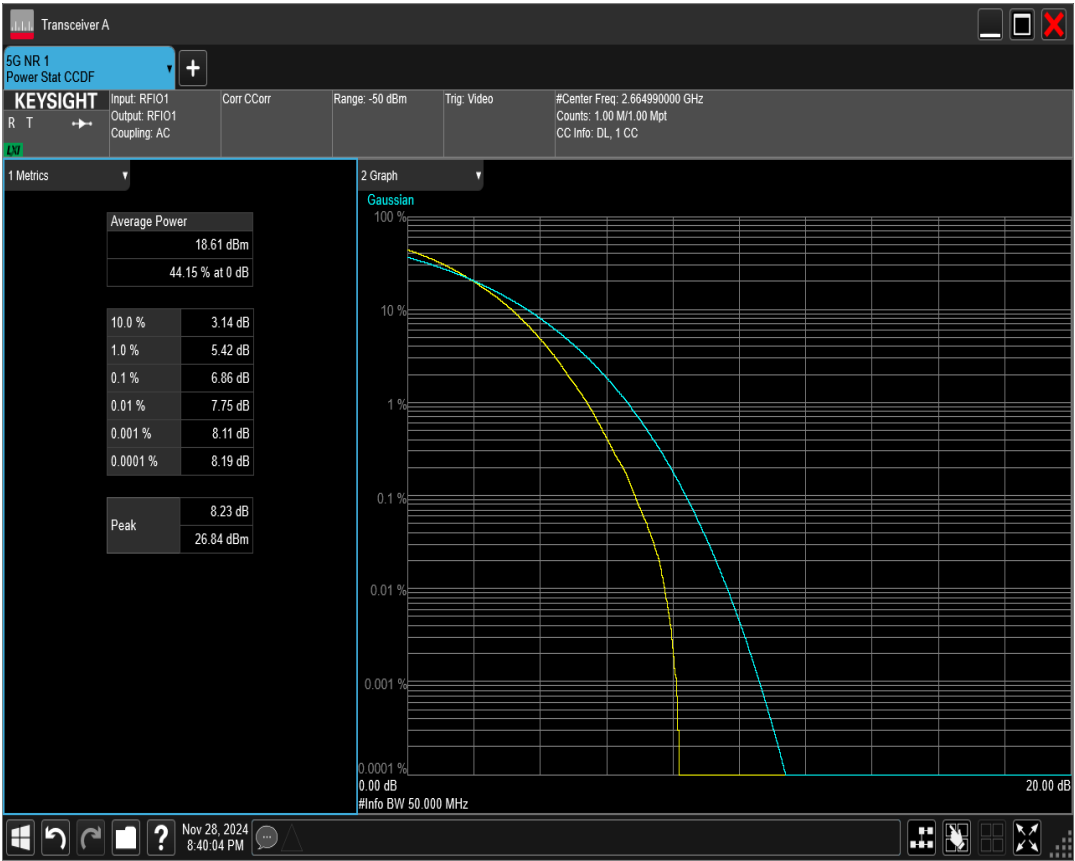
*n41 SCS=30kHz DFT\_QAM256 BW=20MHz Channel=518598 RB=50@0*



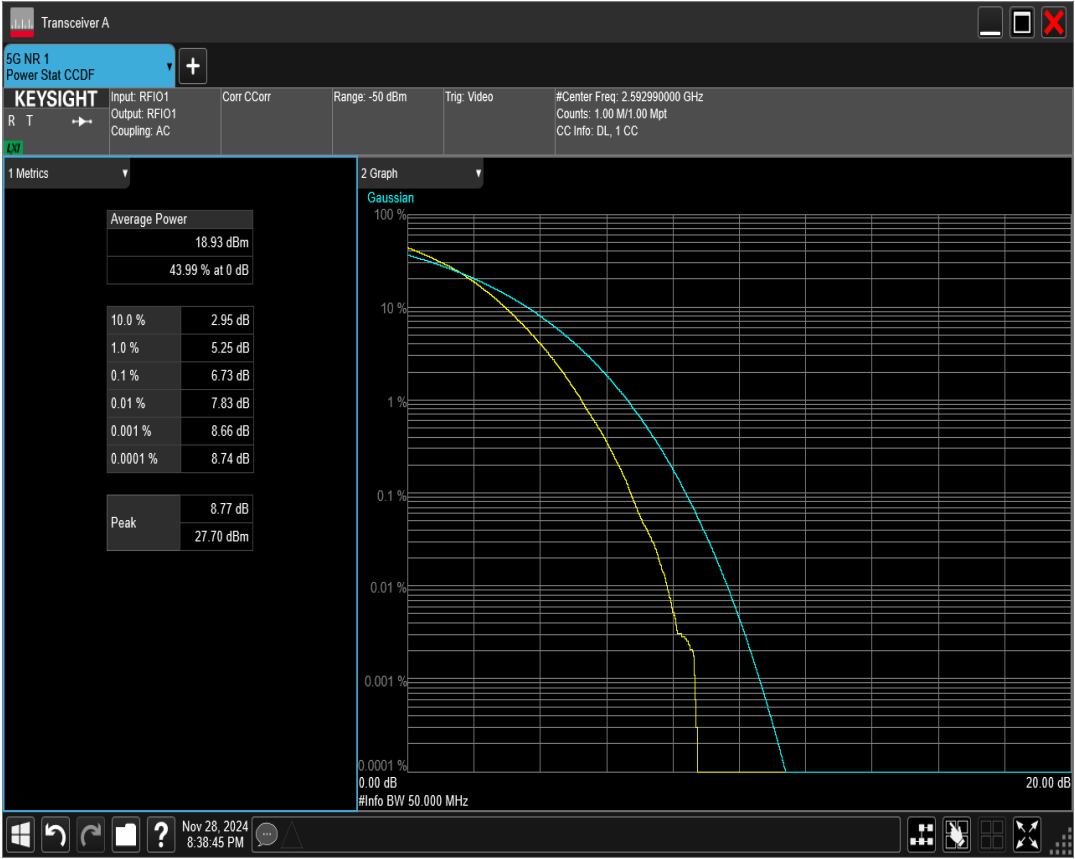
*n41 SCS=30kHz DFT\_QAM256 BW=60MHz Channel=505200 RB=162@0*



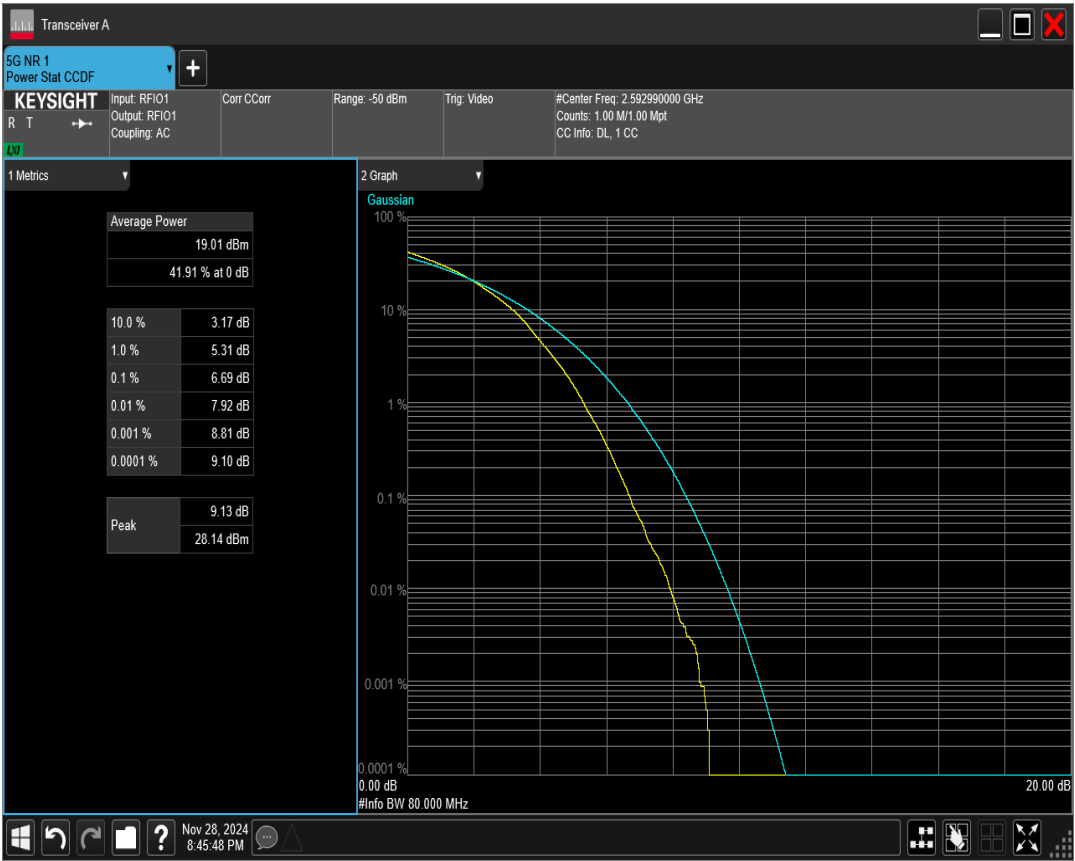
*n41 SCS=30kHz DFT\_QAM256 BW=50MHz Channel=532998 RB=128@0*



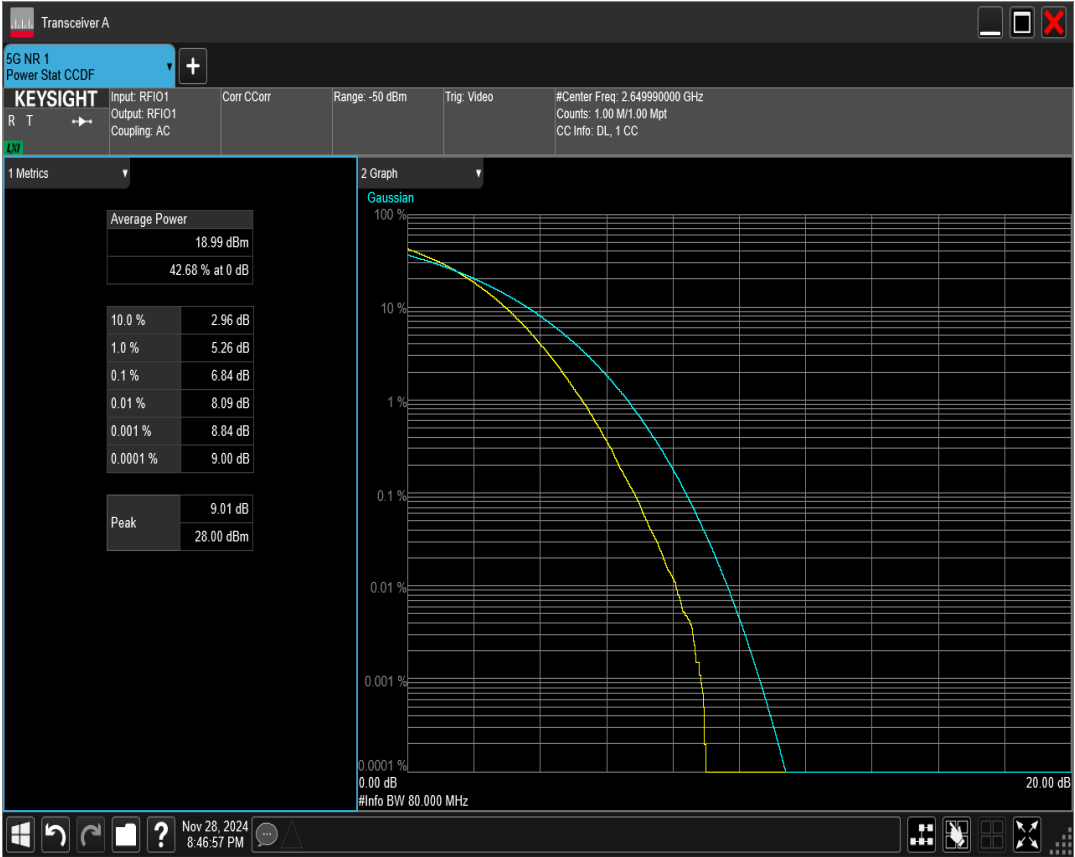
*n41 SCS=30kHz DFT\_QAM256 BW=50MHz Channel=518598 RB=128@0*



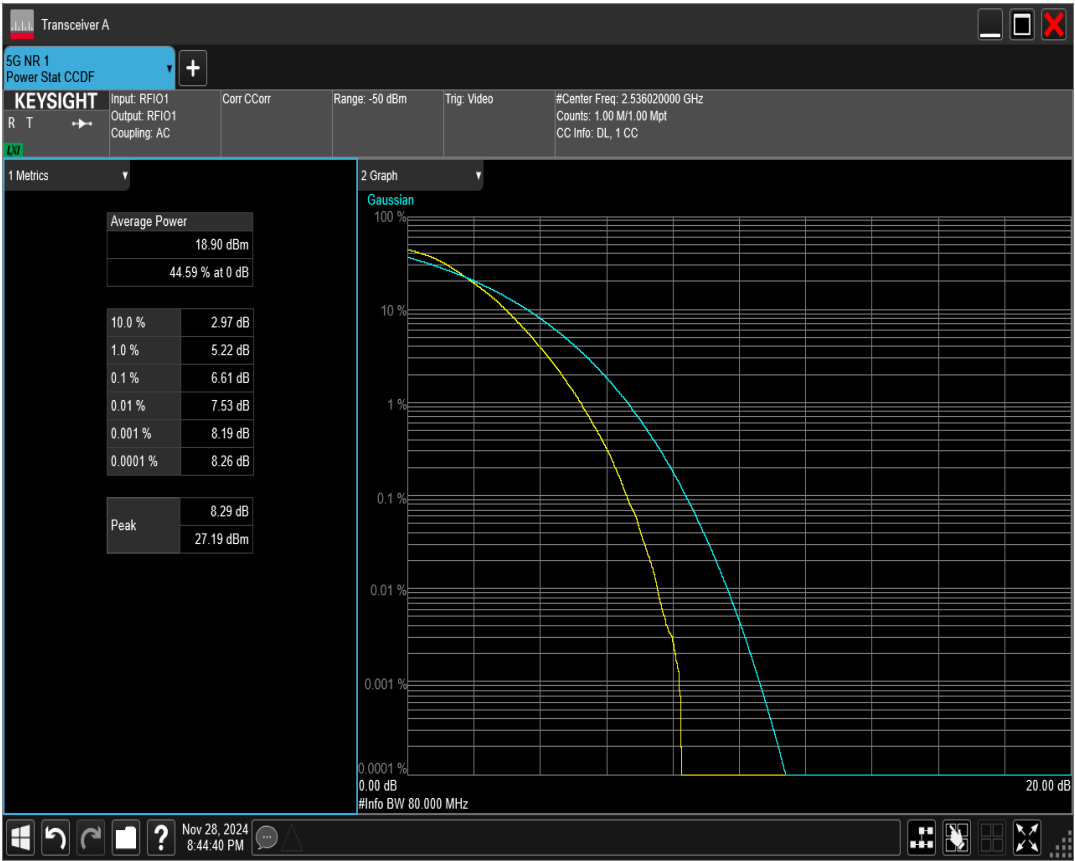
*n41 SCS=30kHz DFT\_QAM256 BW=80MHz Channel=518598 RB=216@0*



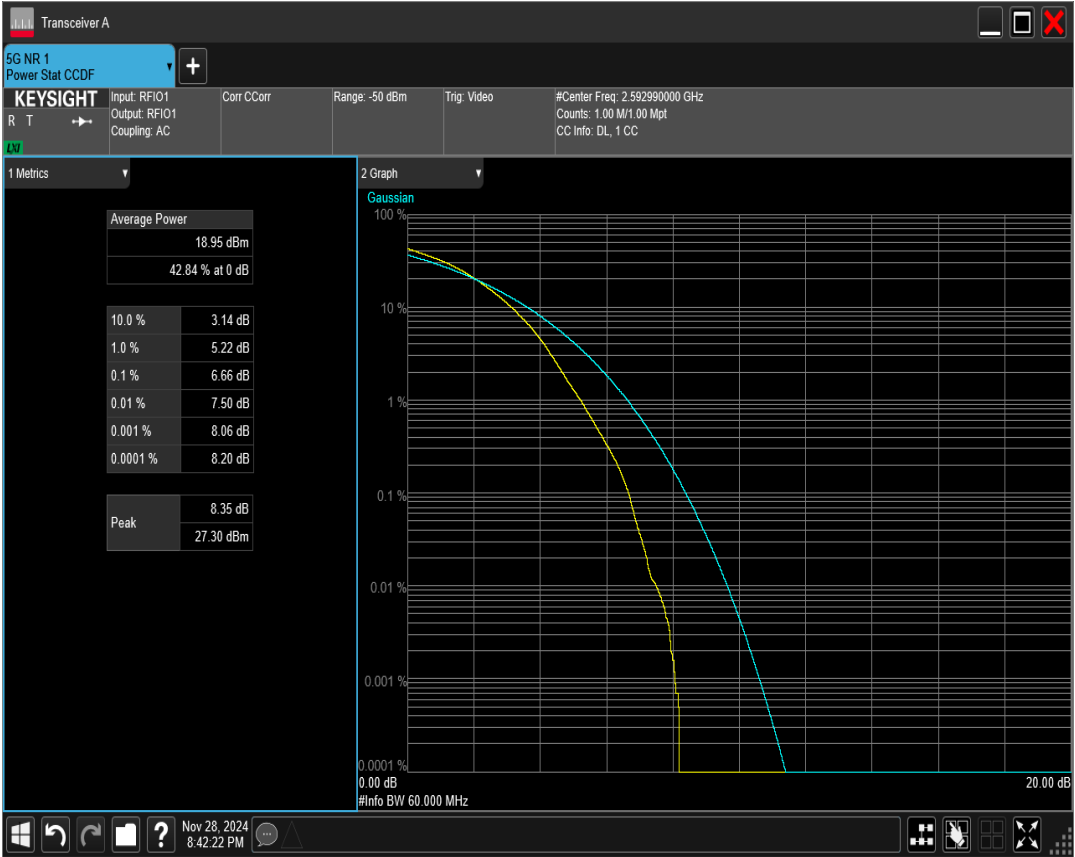
*n41 SCS=30kHz DFT\_QAM256 BW=80MHz Channel=529998 RB=216@0*



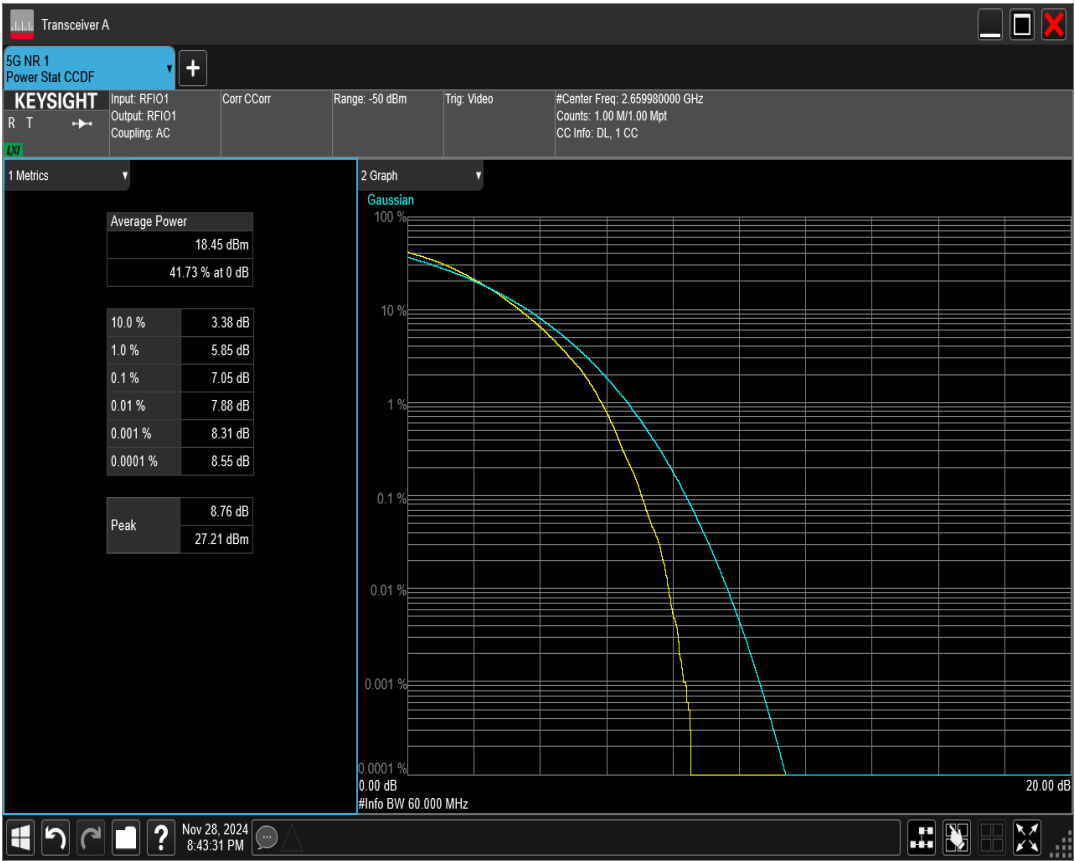
*n41 SCS=30kHz DFT\_QAM256 BW=80MHz Channel=507204 RB=216@0*



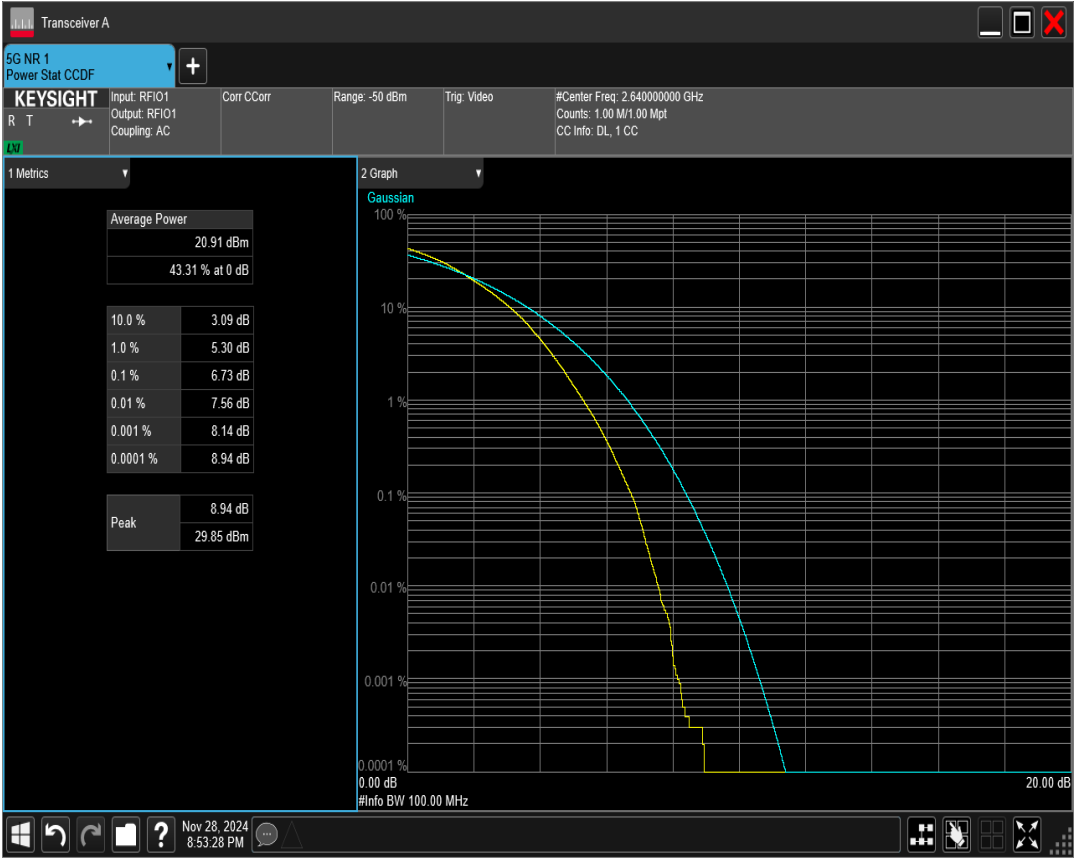
*n41 SCS=30kHz DFT\_QAM256 BW=60MHz Channel=518598 RB=162@0*



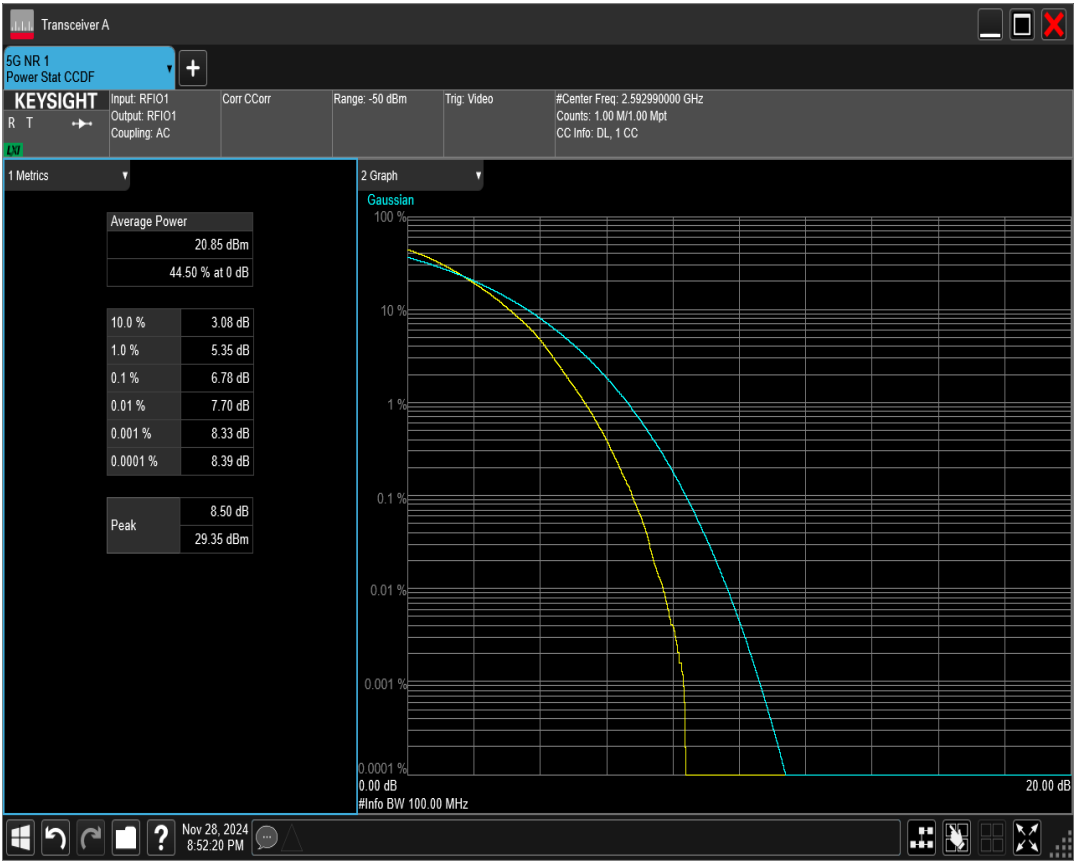
*n41 SCS=30kHz DFT\_QAM256 BW=60MHz Channel=531996 RB=162@0*



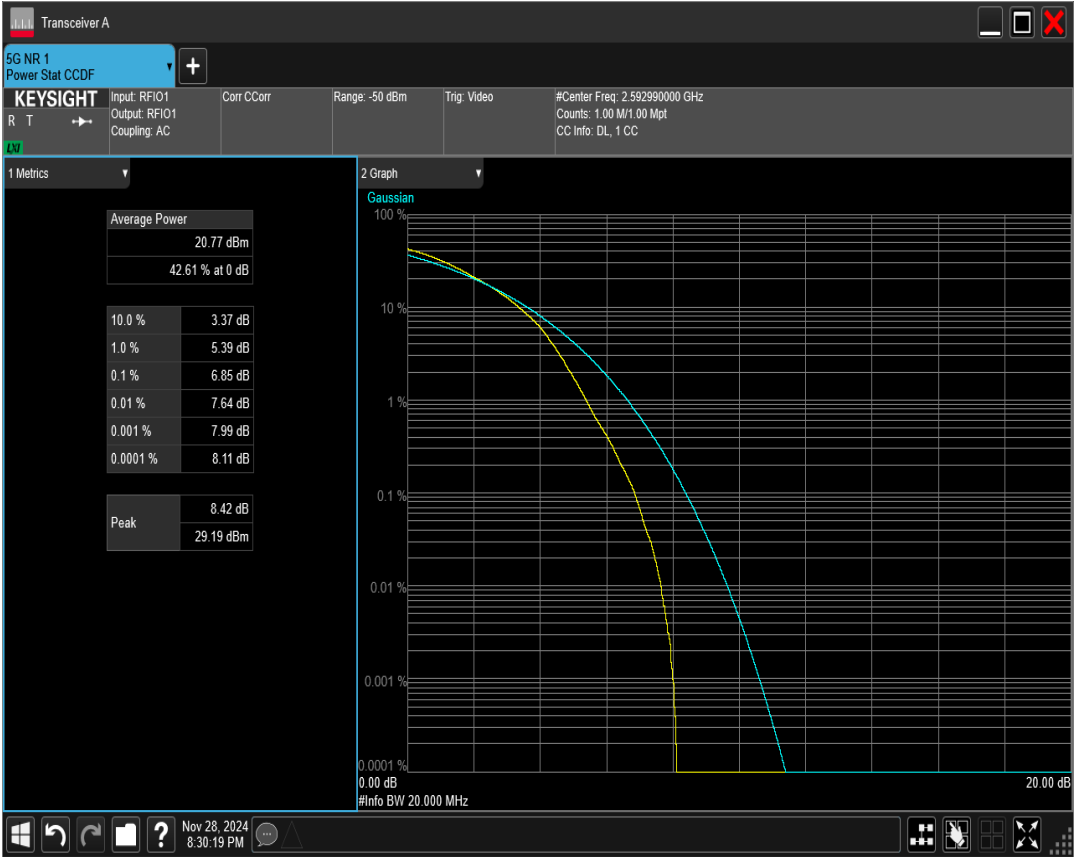
*n41 SCS=30kHz DFT\_QAM64 BW=100MHz Channel=528000 RB=270@0*



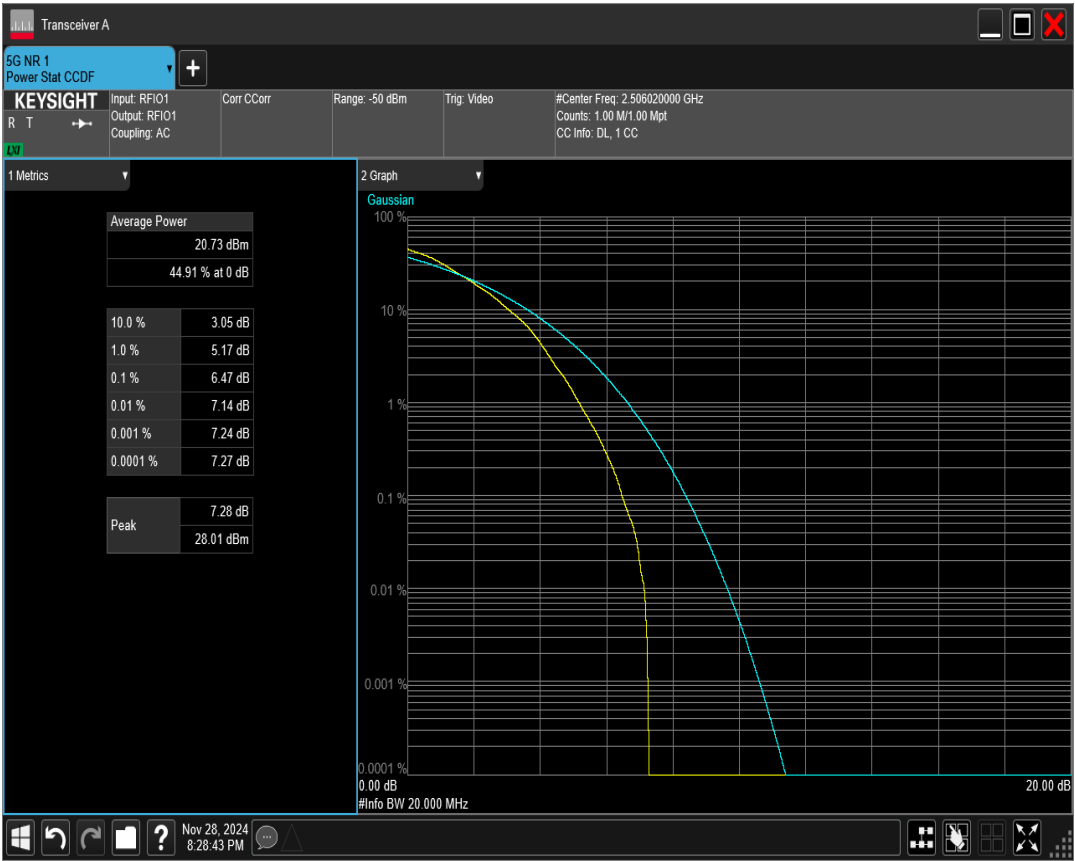
*n41 SCS=30kHz DFT\_QAM64 BW=100MHz Channel=518598 RB=270@0*



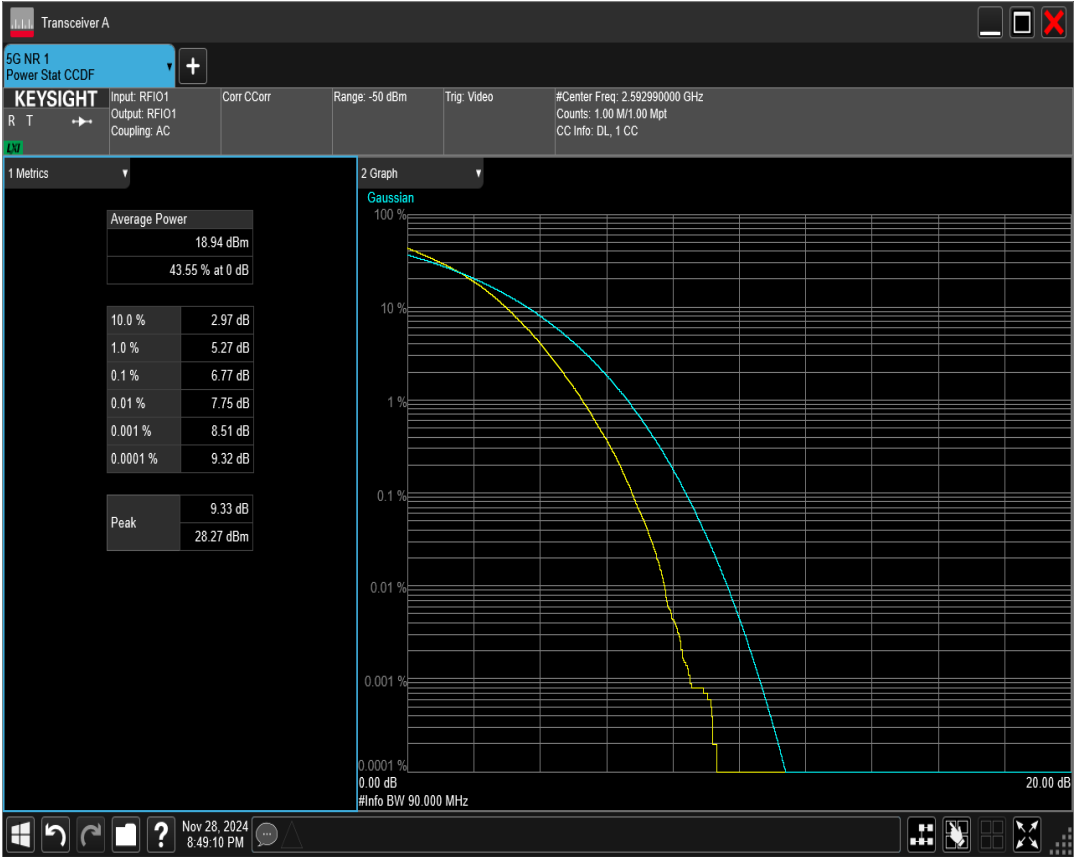
***n41 SCS=30kHz DFT\_QAM64 BW=20MHz Channel=518598 RB=50@0***



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

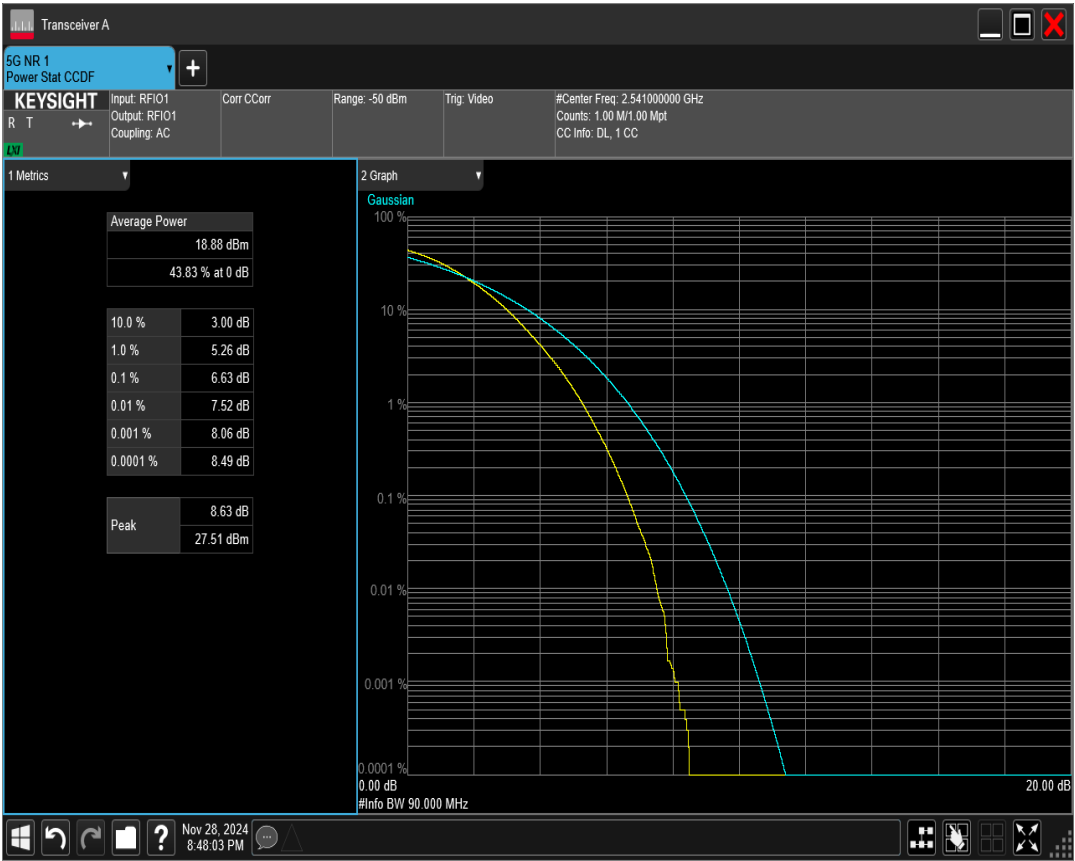


*n41 SCS=30kHz DFT\_QAM256 BW=90MHz Channel=518598 RB=240@0*

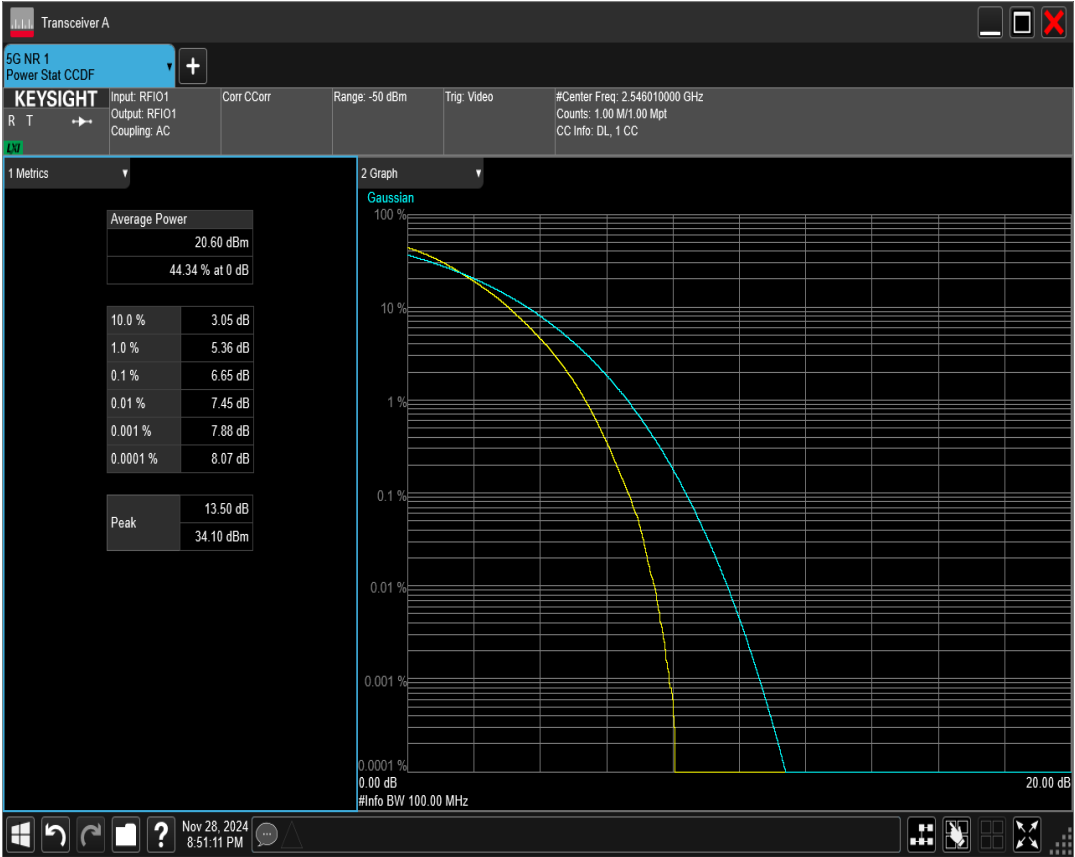


*n41 SCS=30kHz DFT\_QAM256 BW=90MHz Channel=508200 RB=240@0*

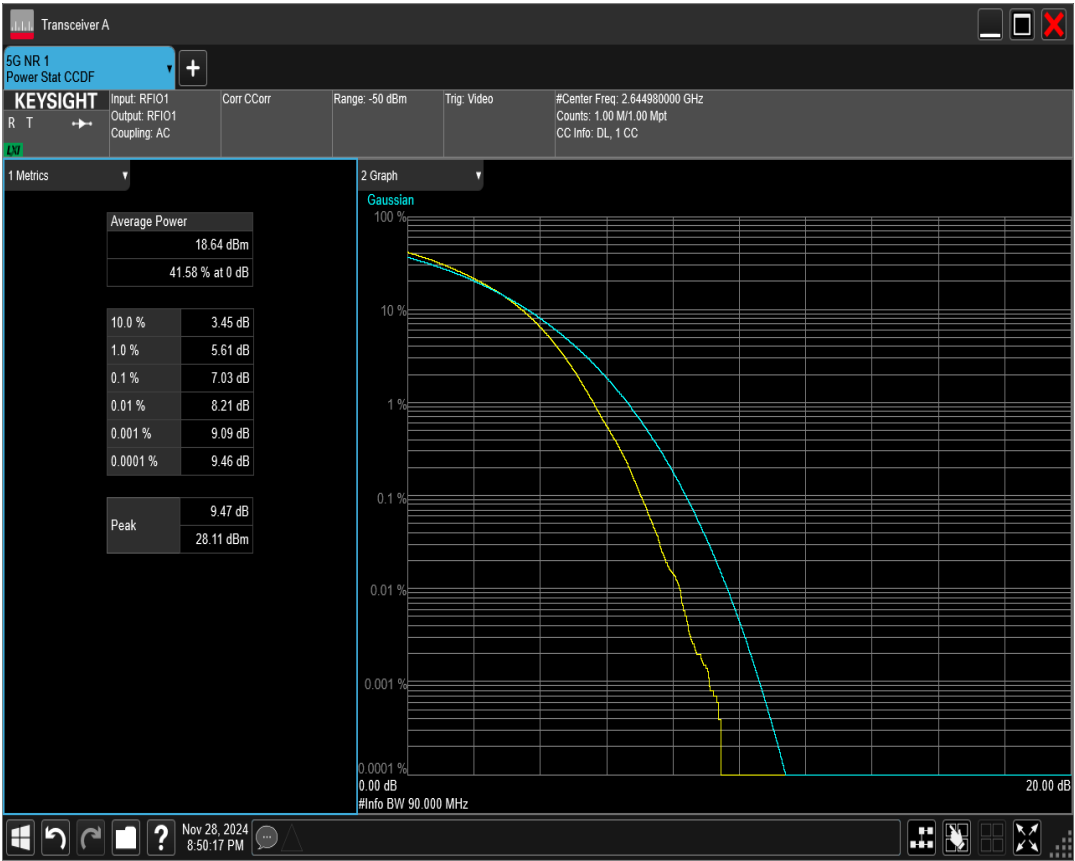




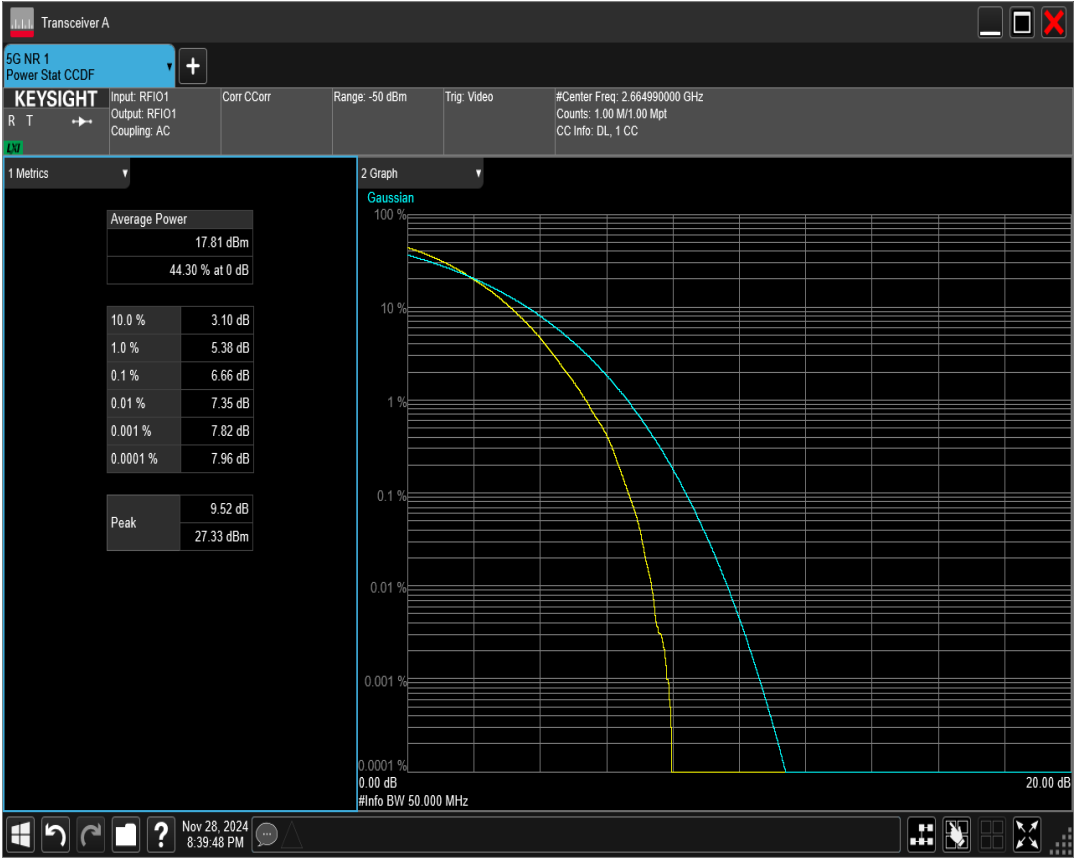
*n41 SCS=30kHz DFT\_QAM64 BW=100MHz Channel=509202 RB=270@0*



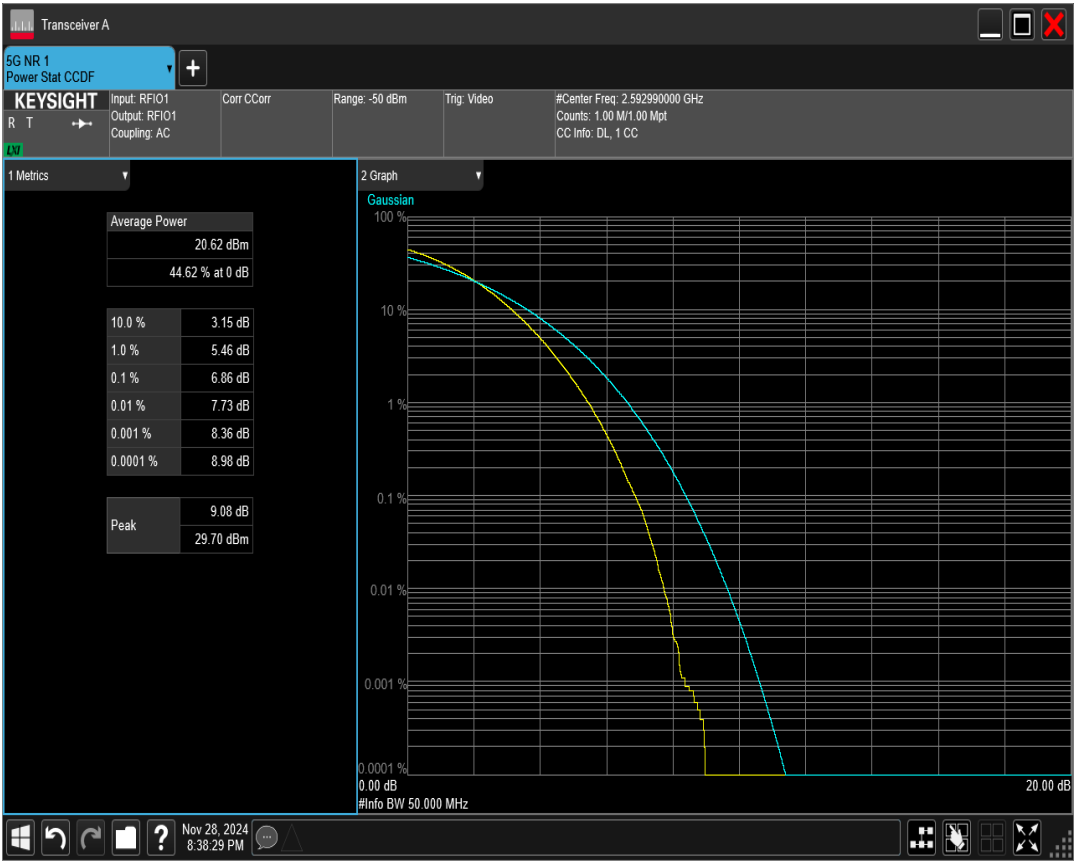
*n41 SCS=30kHz DFT\_QAM256 BW=90MHz Channel=528996 RB=240@0*



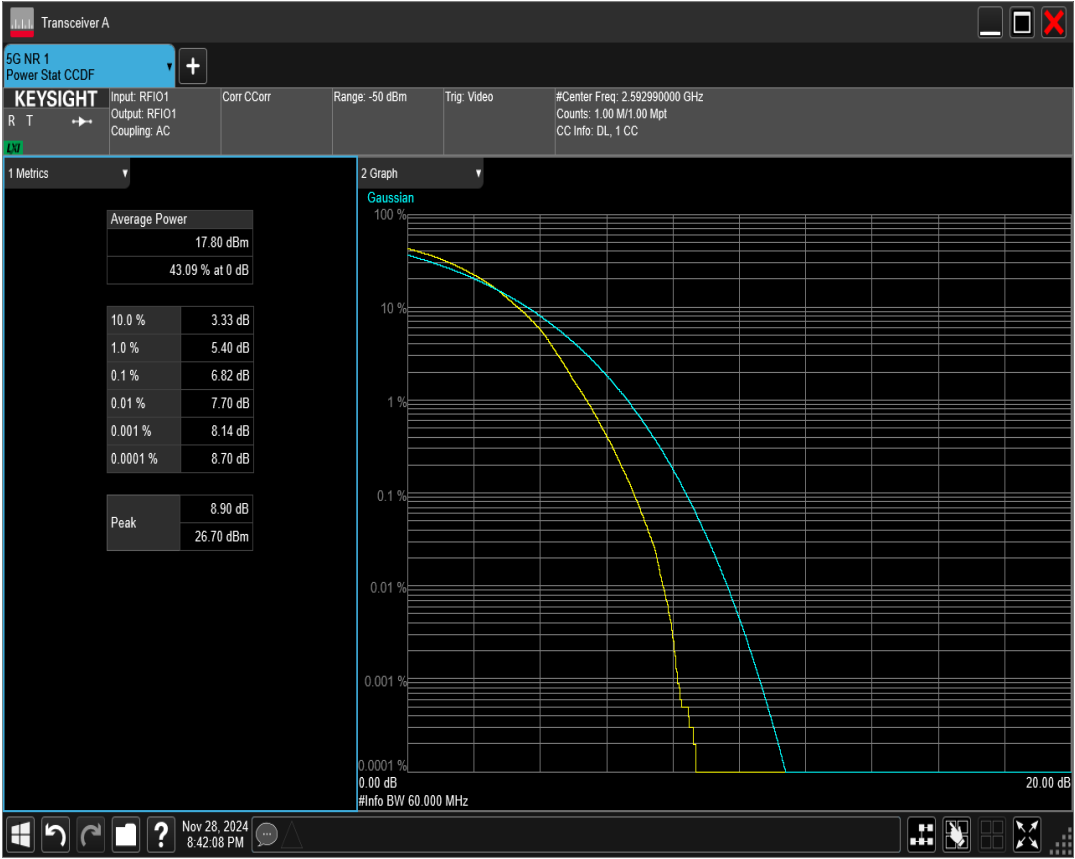
*n41 SCS=30kHz DFT\_QAM64 BW=50MHz Channel=532998 RB=128@0*



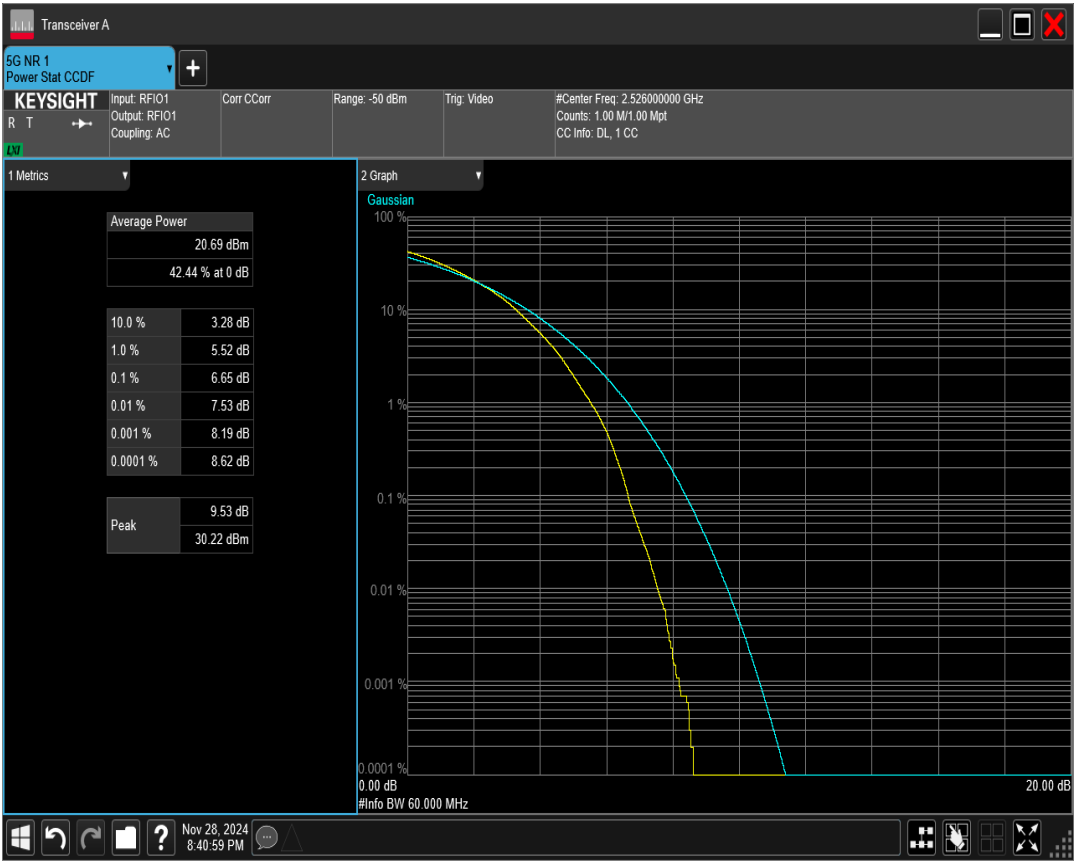
*n41 SCS=30kHz DFT\_QAM64 BW=50MHz Channel=518598 RB=128@0*



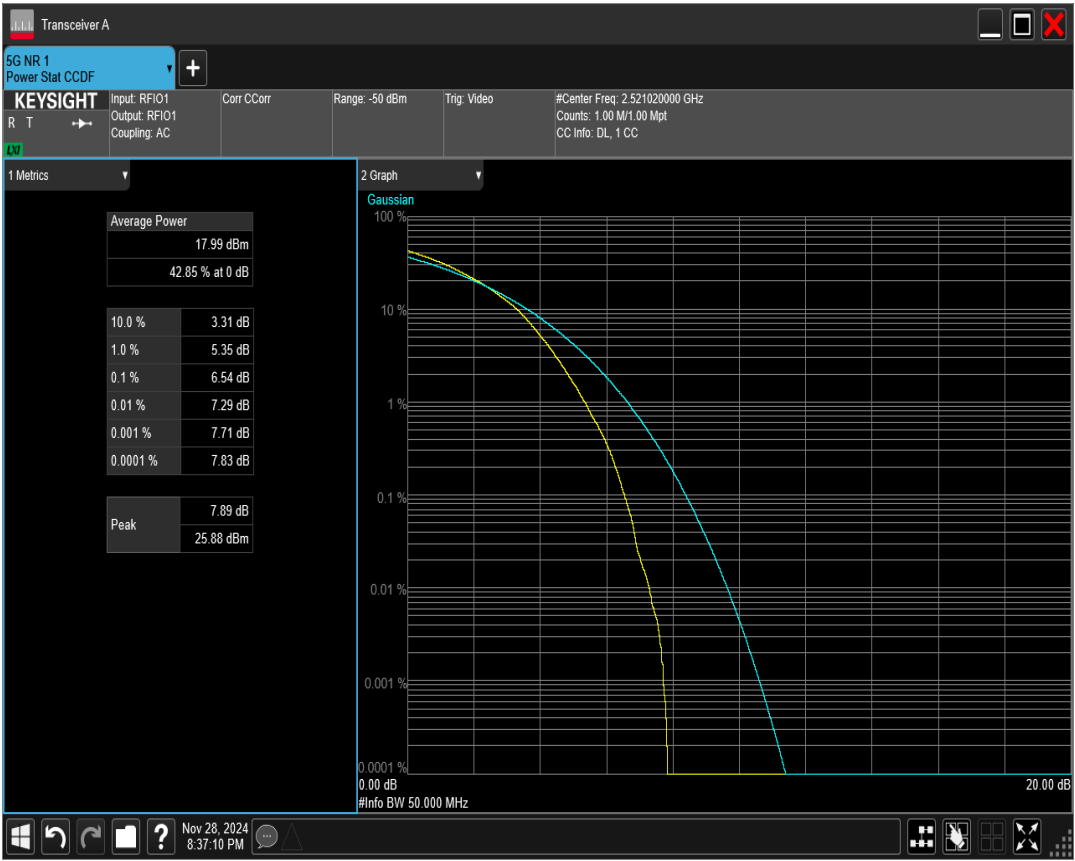
*n41 SCS=30kHz DFT\_QAM64 BW=60MHz Channel=518598 RB=162@0*



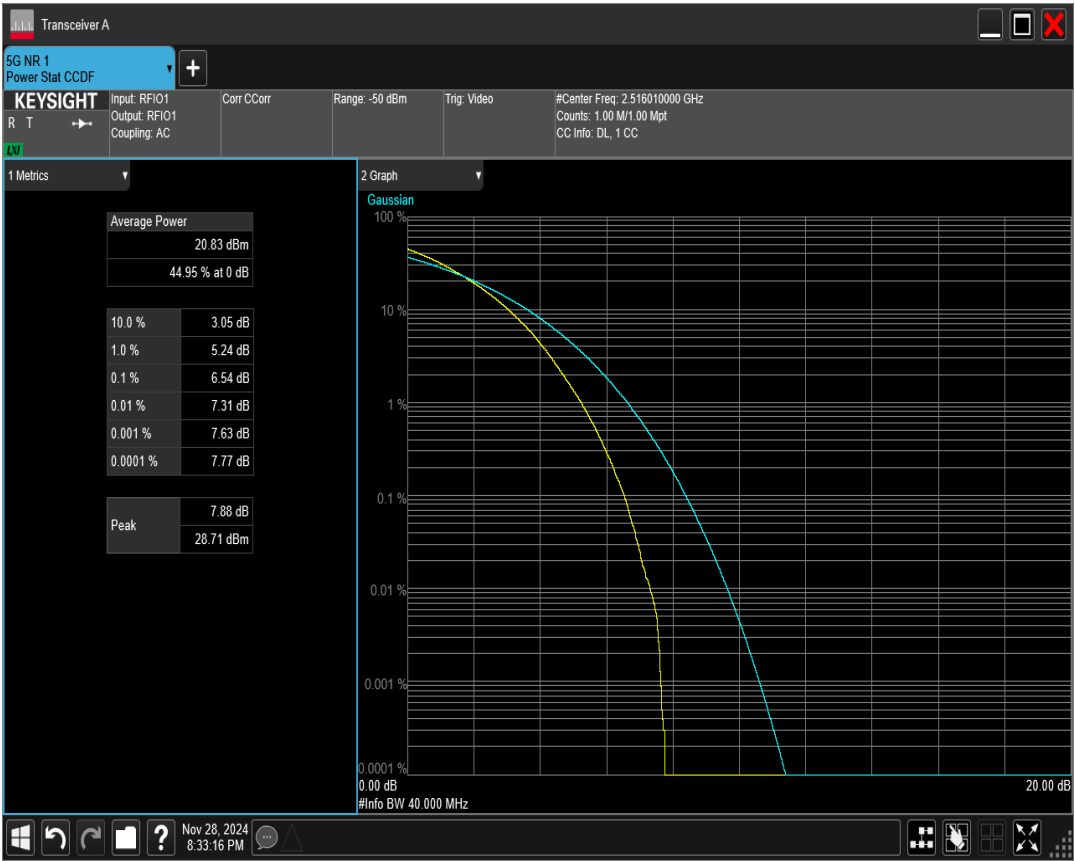
*n41 SCS=30kHz DFT\_QAM64 BW=60MHz Channel=505200 RB=162@0*



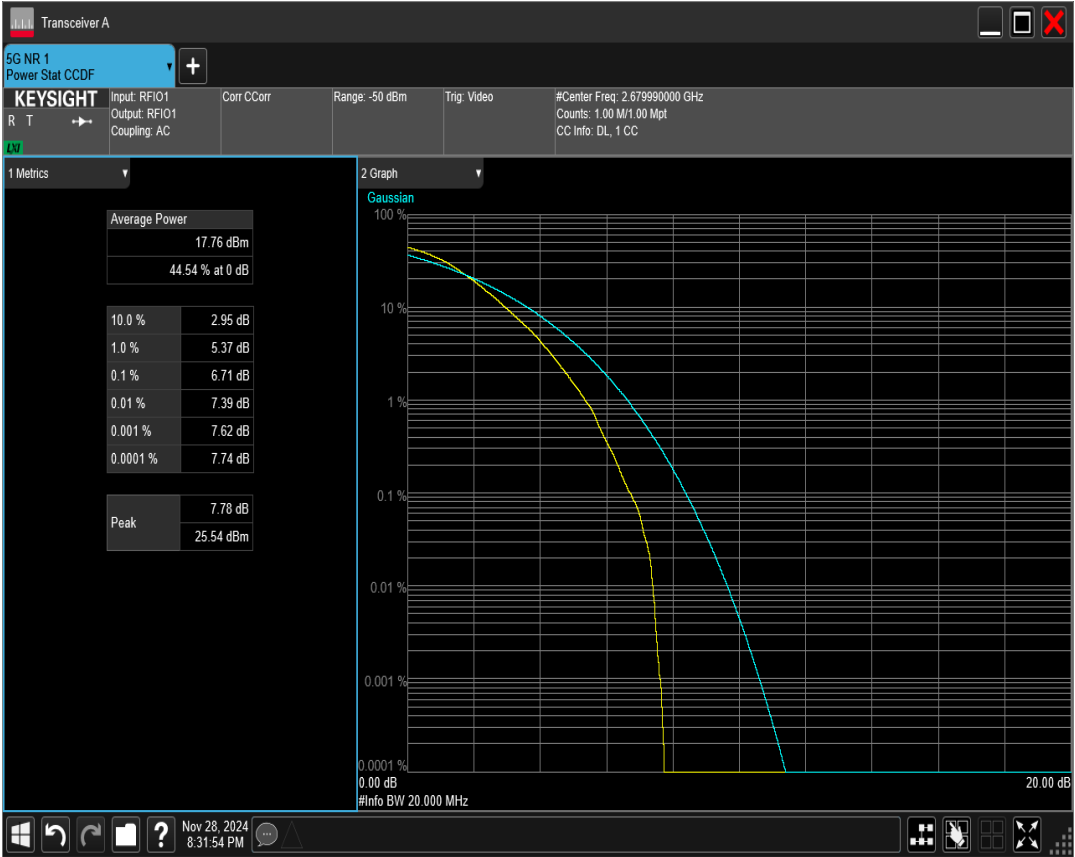
*n41 SCS=30kHz DFT\_QAM64 BW=50MHz Channel=504204 RB=128@0*



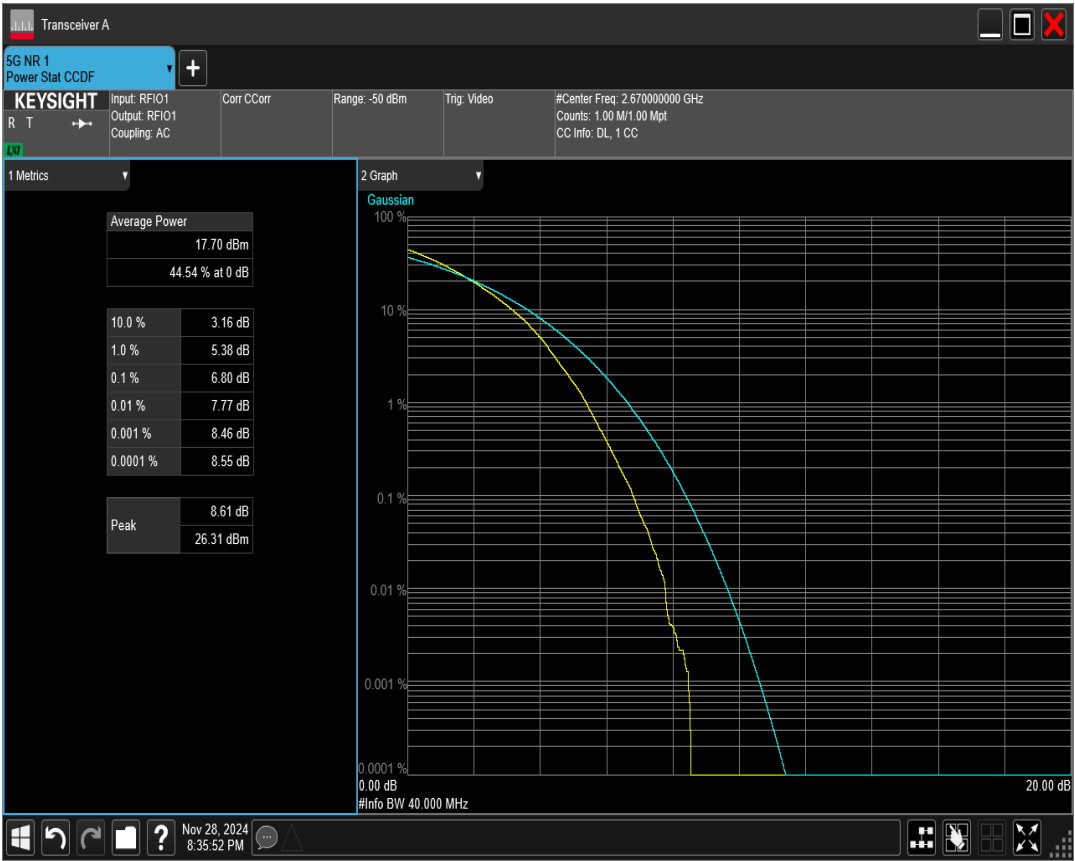
*n41 SCS=30kHz DFT\_QAM64 BW=40MHz Channel=503202 RB=100@0*



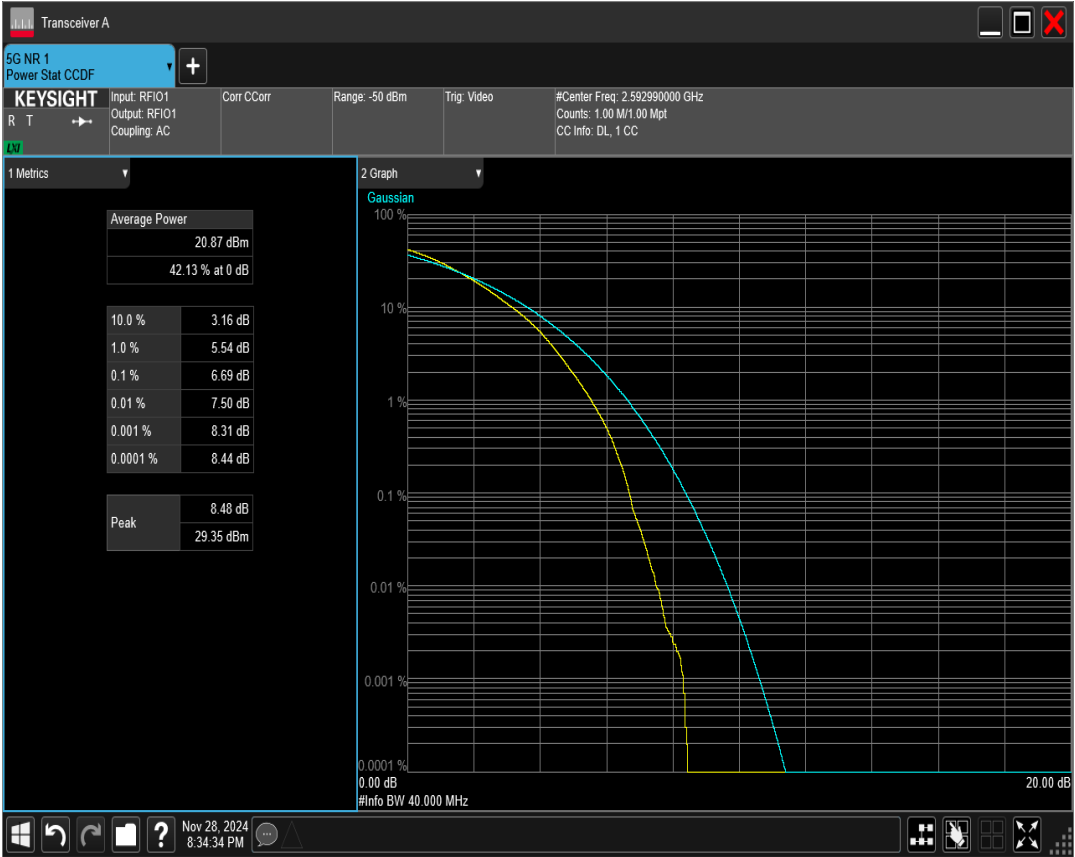
*n41 SCS=30kHz DFT\_QAM64 BW=20MHz Channel=535998 RB=50@0*



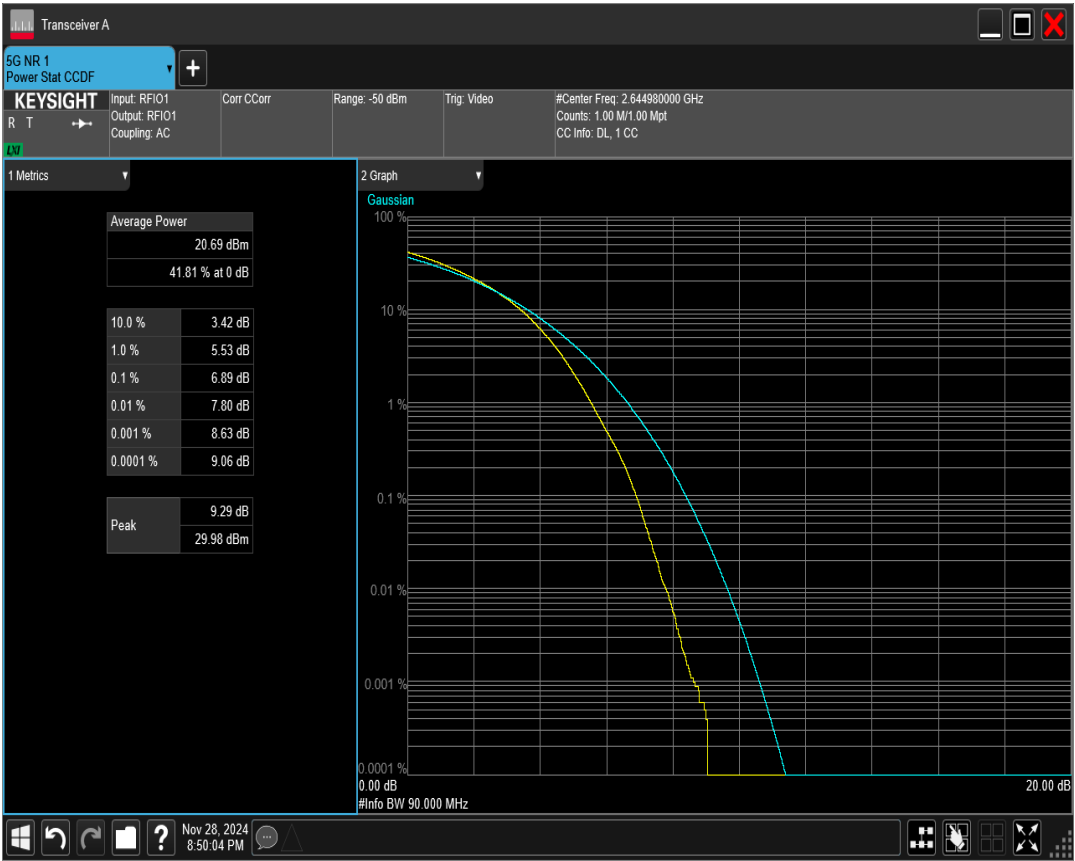
*n41 SCS=30kHz DFT\_QAM64 BW=40MHz Channel=534000 RB=100@0*



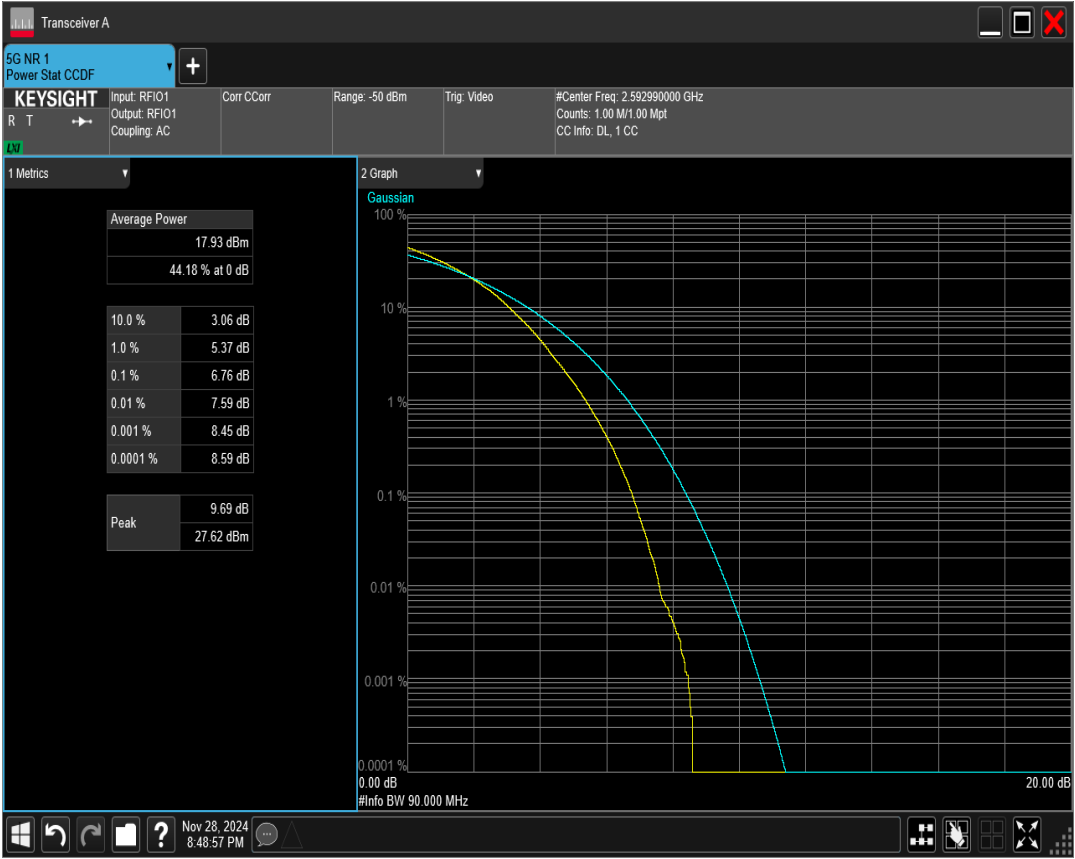
**n41 SCS=30kHz DFT\_QAM64 BW=40MHz Channel=518598 RB=100@0**



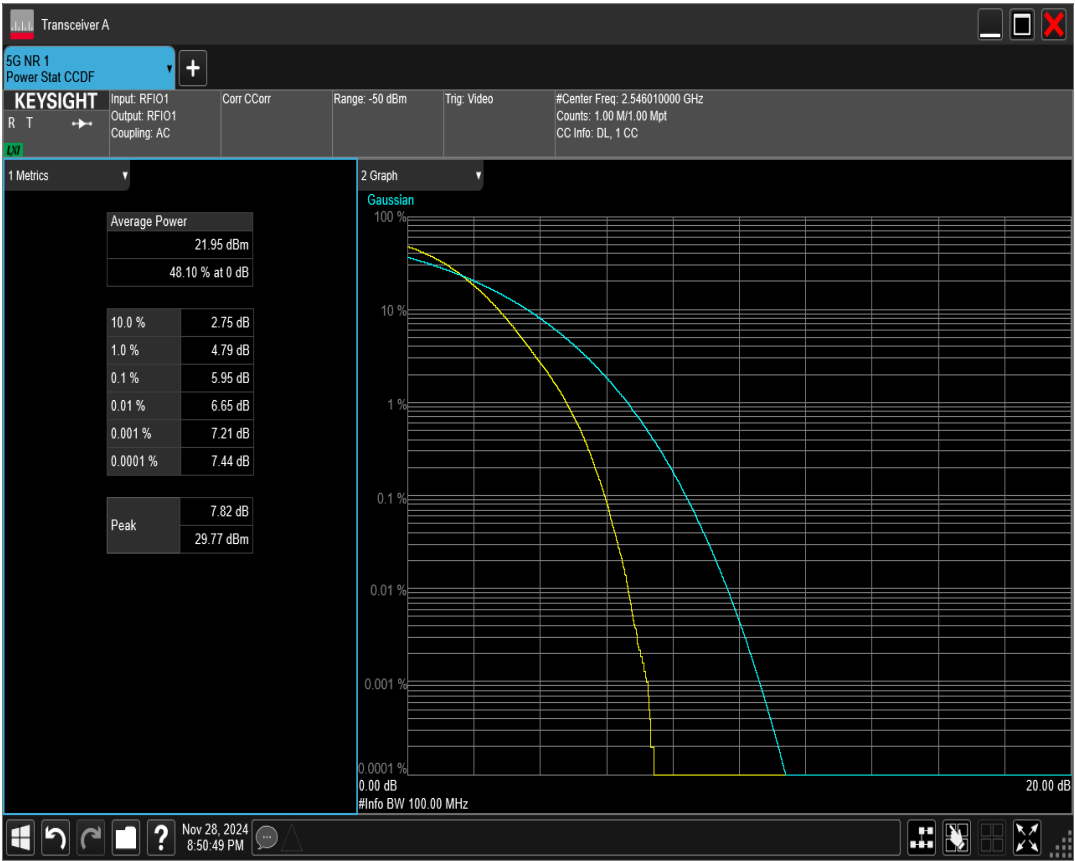
**n41 SCS=30kHz DFT\_QAM64 BW=90MHz Channel=528996 RB=240@0**



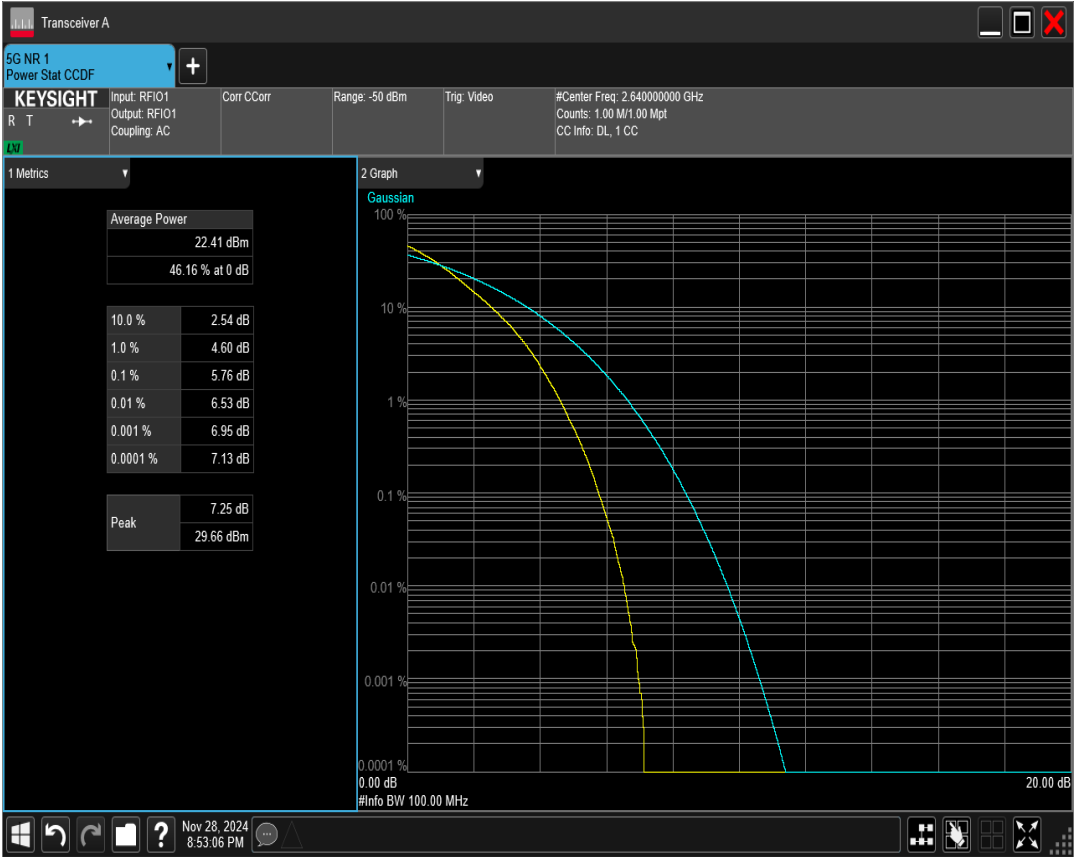
*n41 SCS=30kHz DFT\_QAM64 BW=90MHz Channel=518598 RB=240@0*



*n41 SCS=30kHz DFT\_QPSK BW=100MHz Channel=509202 RB=270@0*

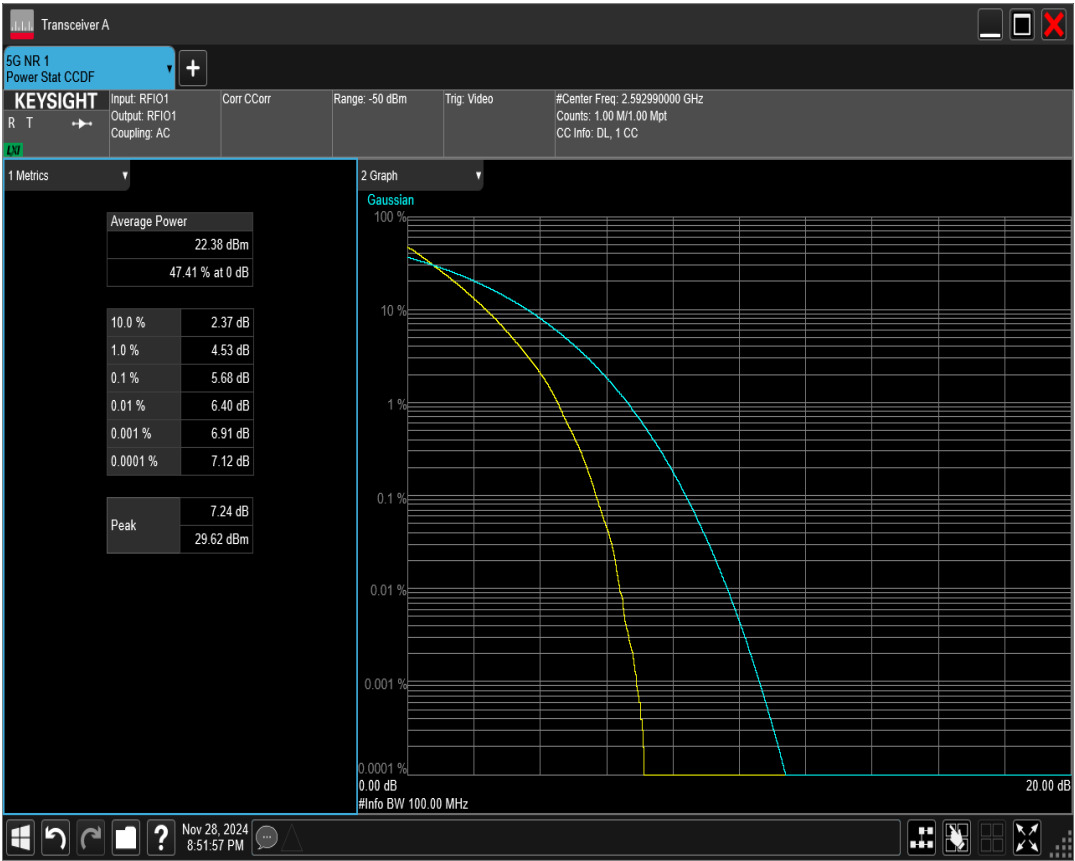


*n41 SCS=30kHz DFT\_QPSK BW=100MHz Channel=528000 RB=270@0*

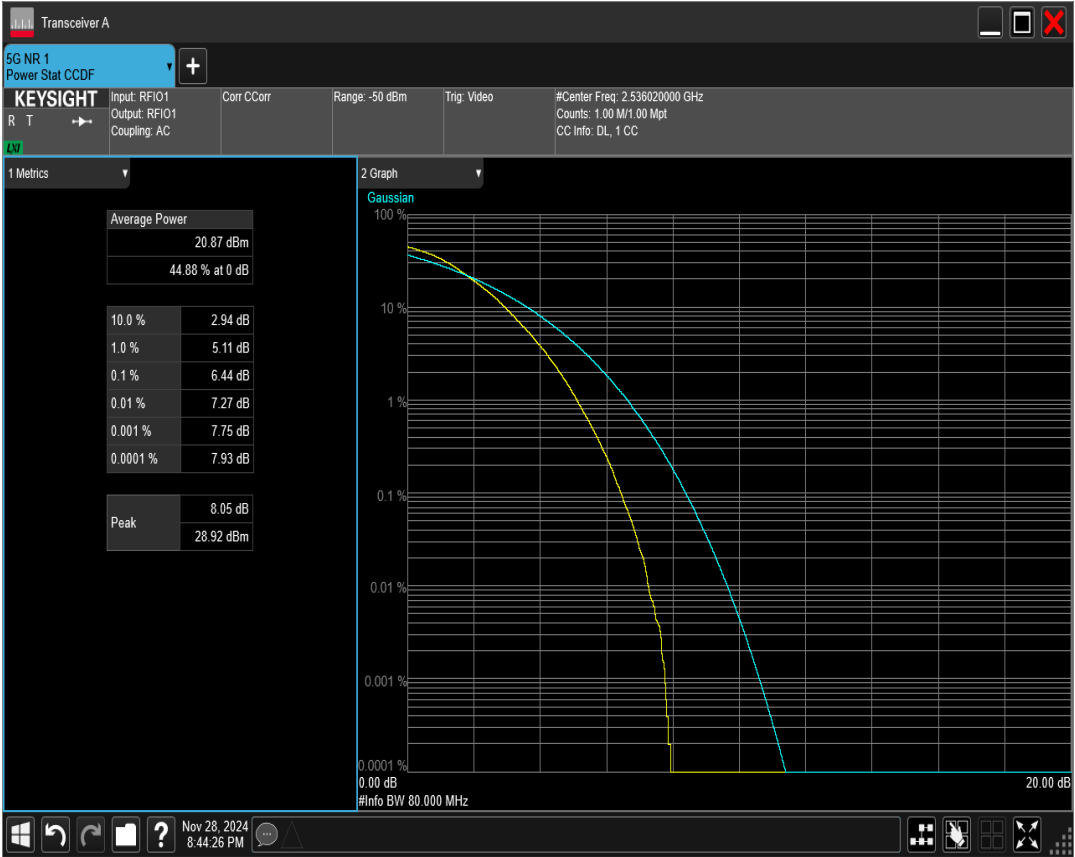


*n41 SCS=30kHz DFT\_QPSK BW=100MHz Channel=518598 RB=270@0*

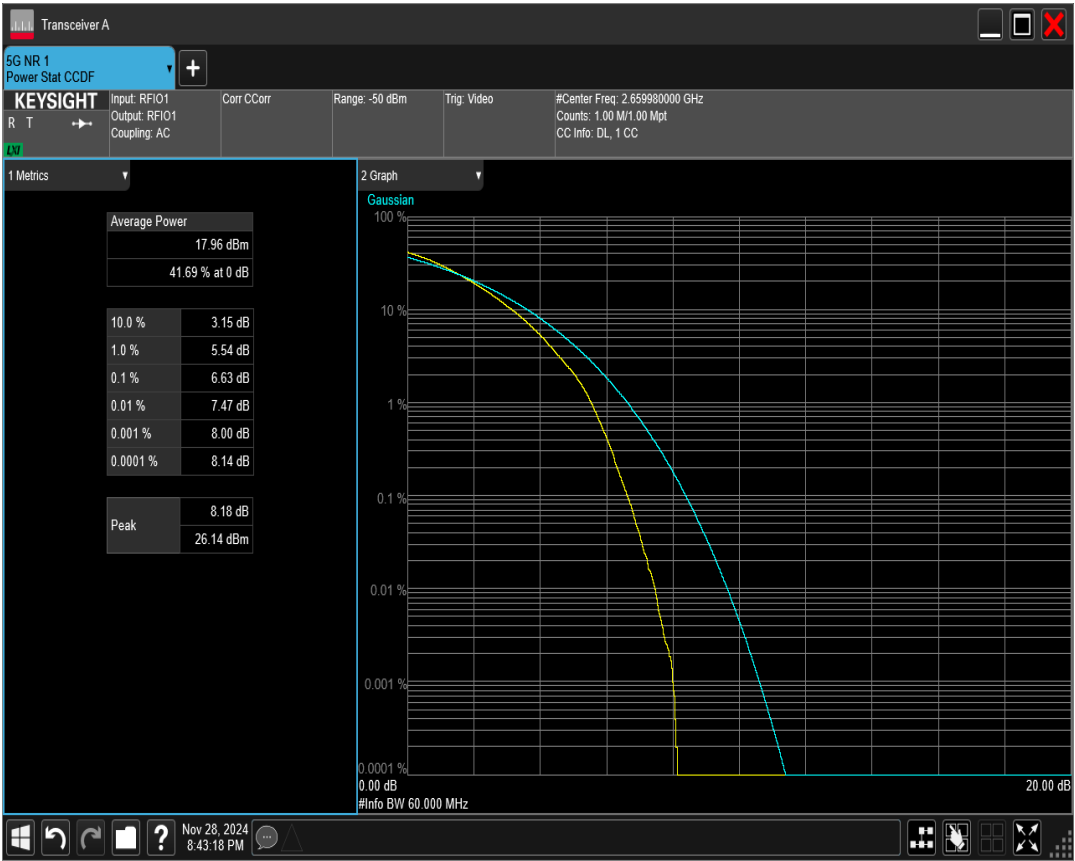




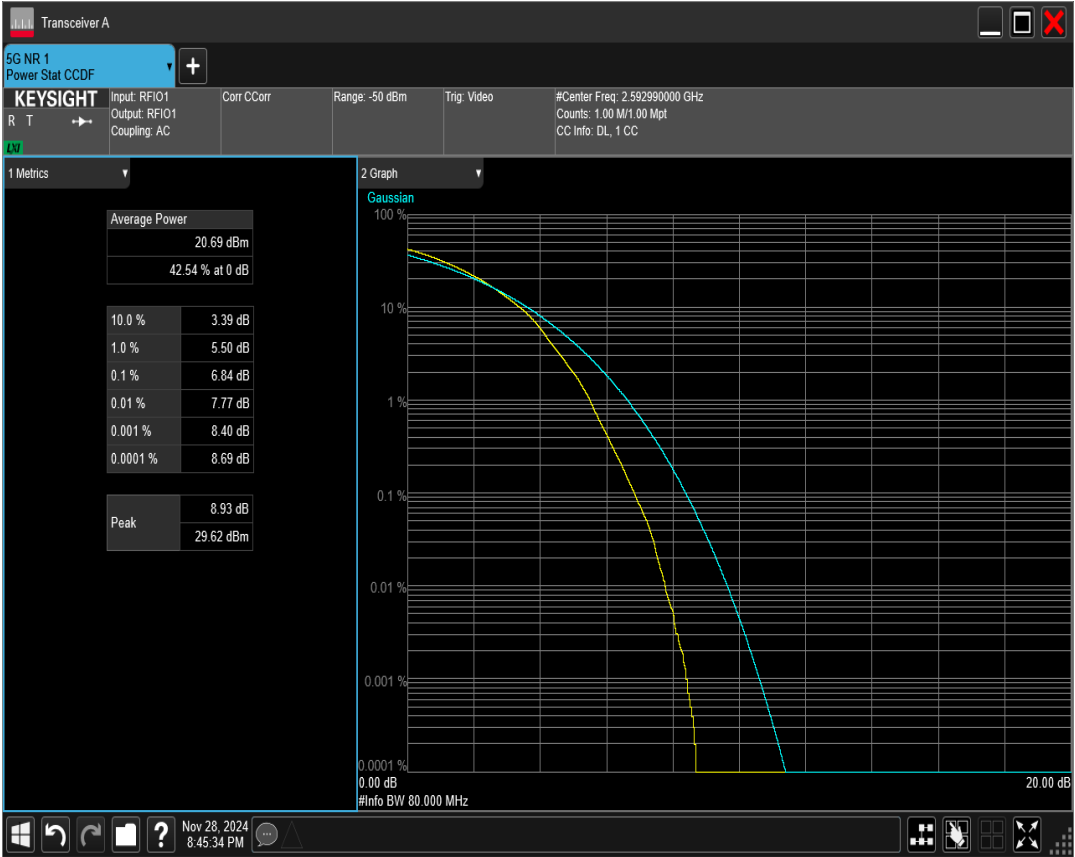
*n41 SCS=30kHz DFT\_QAM64 BW=80MHz Channel=507204 RB=216@0*



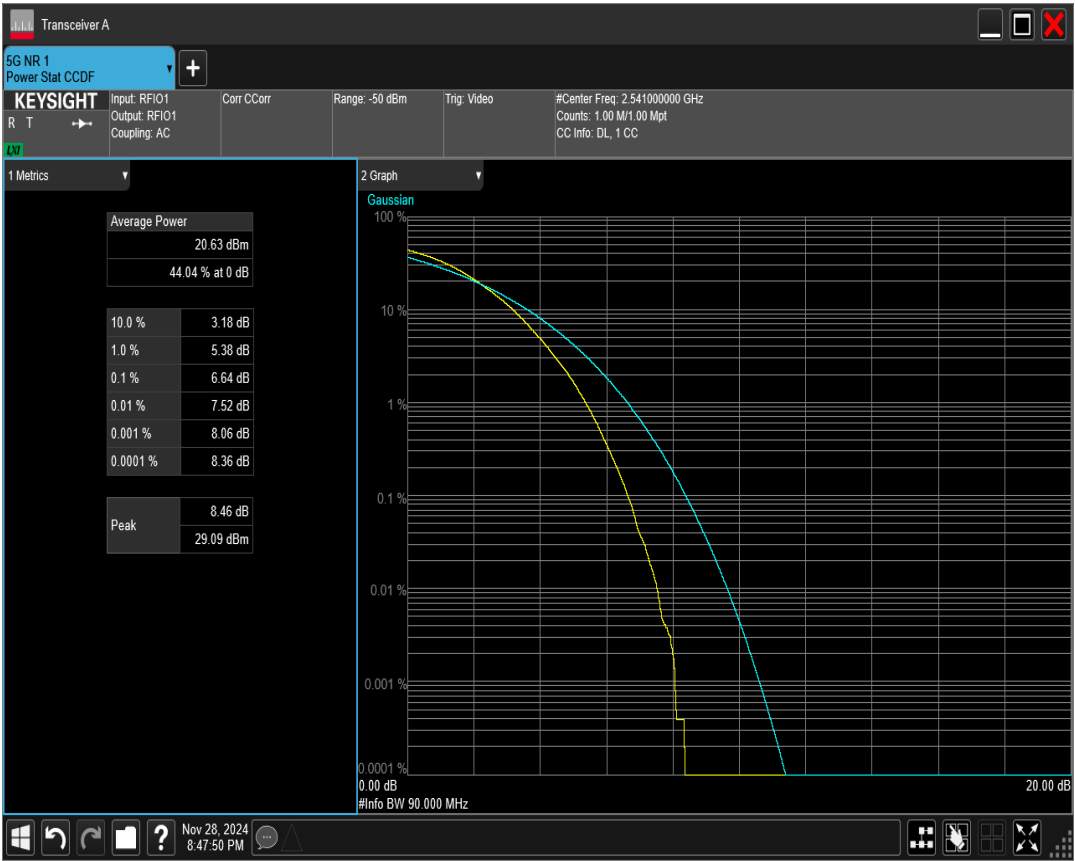
*n41 SCS=30kHz DFT\_QAM64 BW=60MHz Channel=531996 RB=162@0*



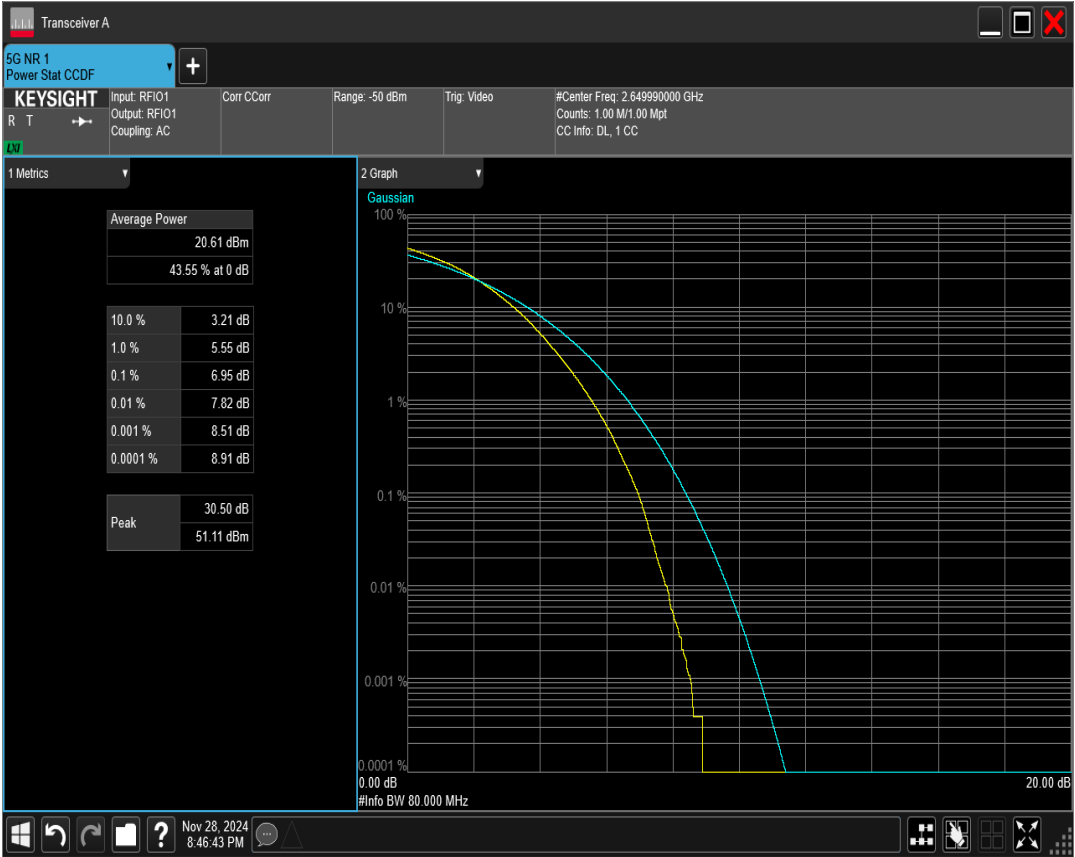
*n41 SCS=30kHz DFT\_QAM64 BW=80MHz Channel=518598 RB=216@0*



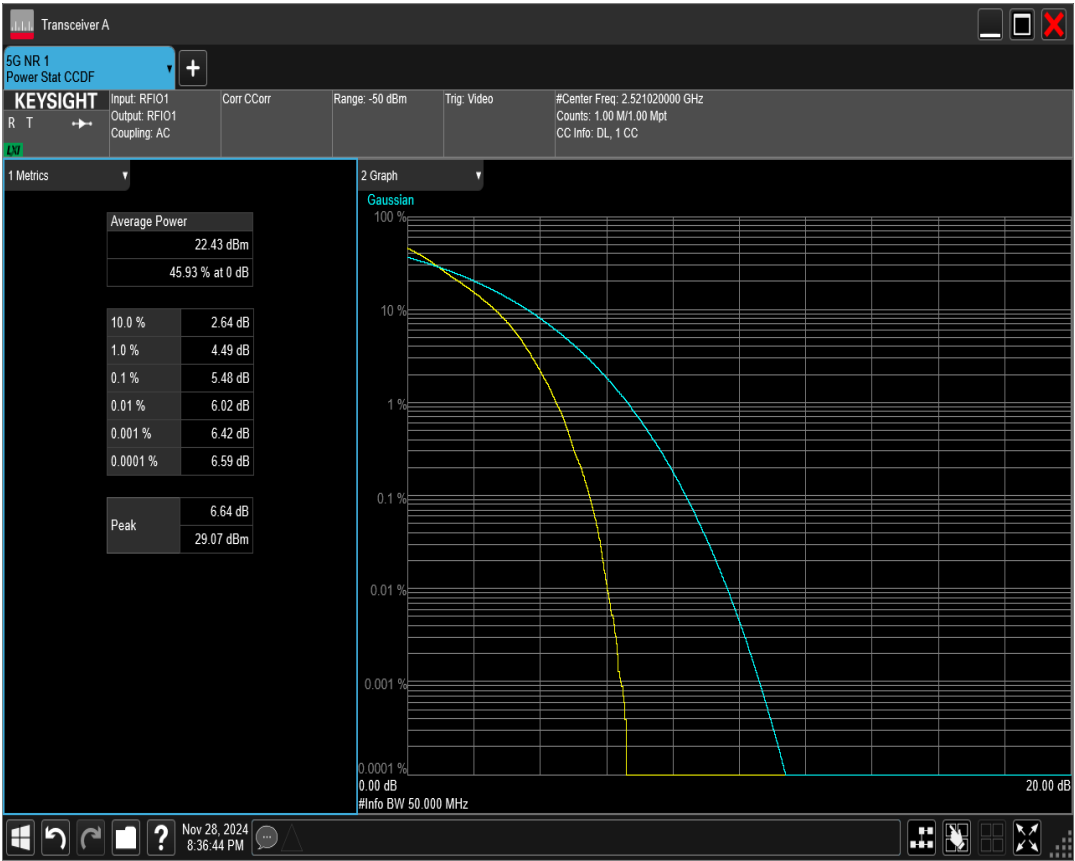
*n41 SCS=30kHz DFT\_QAM64 BW=90MHz Channel=508200 RB=240@0*



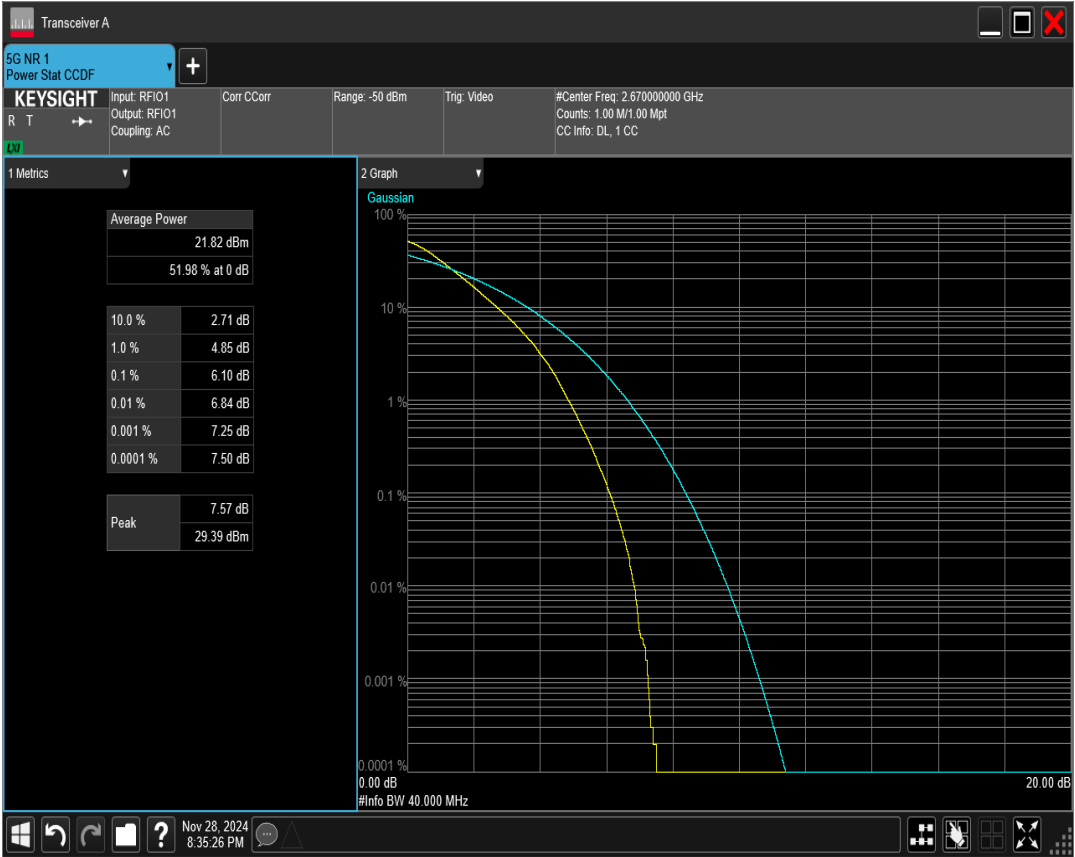
*n41 SCS=30kHz DFT\_QAM64 BW=80MHz Channel=529998 RB=216@0*



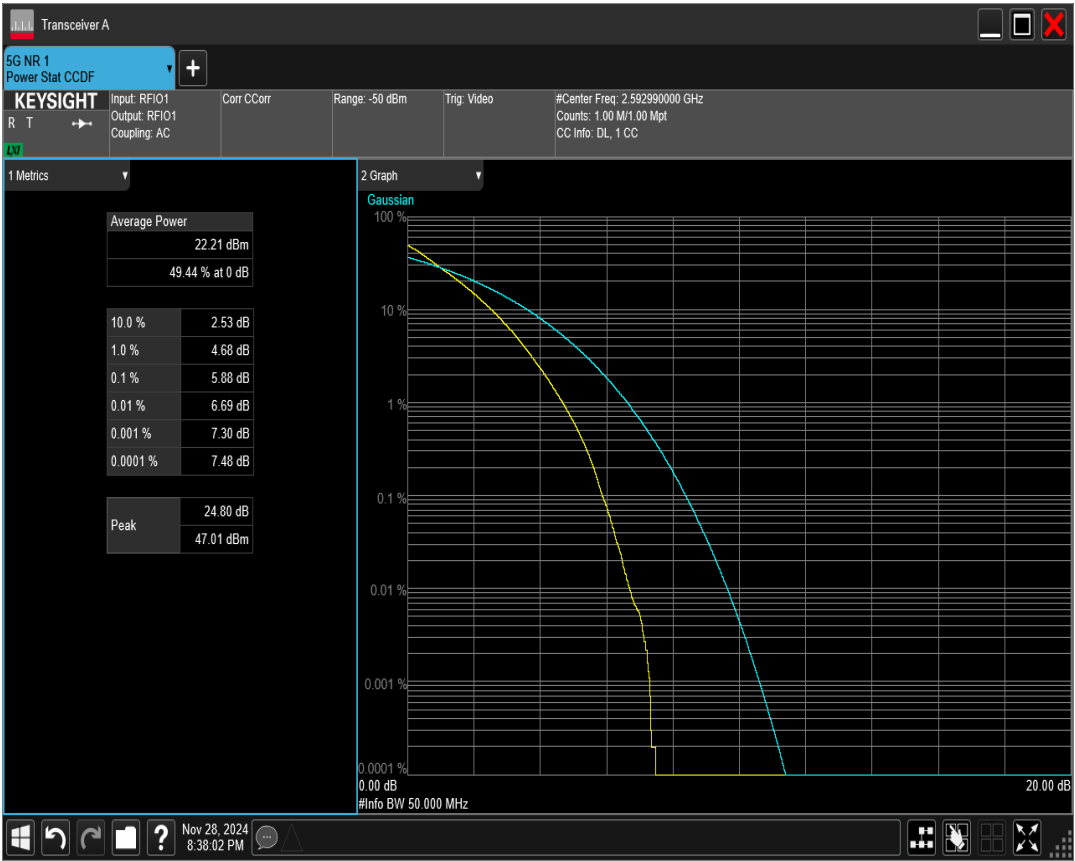
*n41 SCS=30kHz DFT\_QPSK BW=50MHz Channel=504204 RB=128@0*



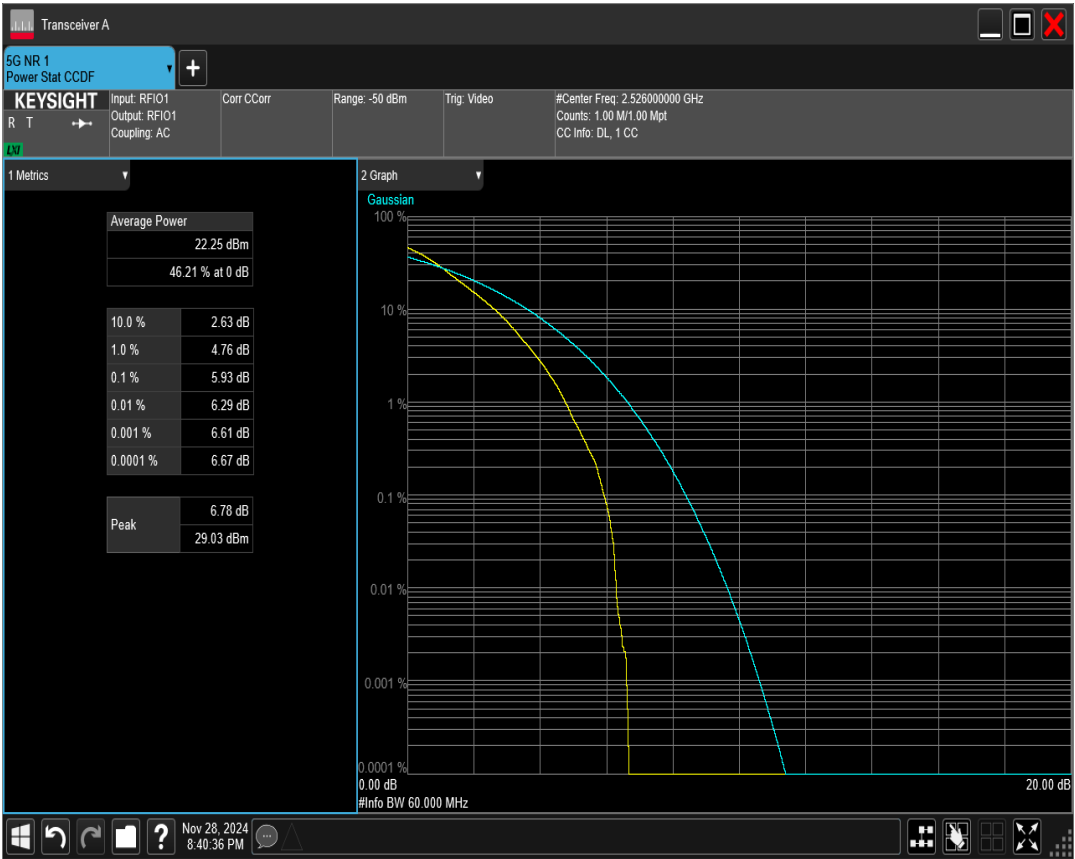
*n41 SCS=30kHz DFT\_QPSK BW=40MHz Channel=534000 RB=100@0*



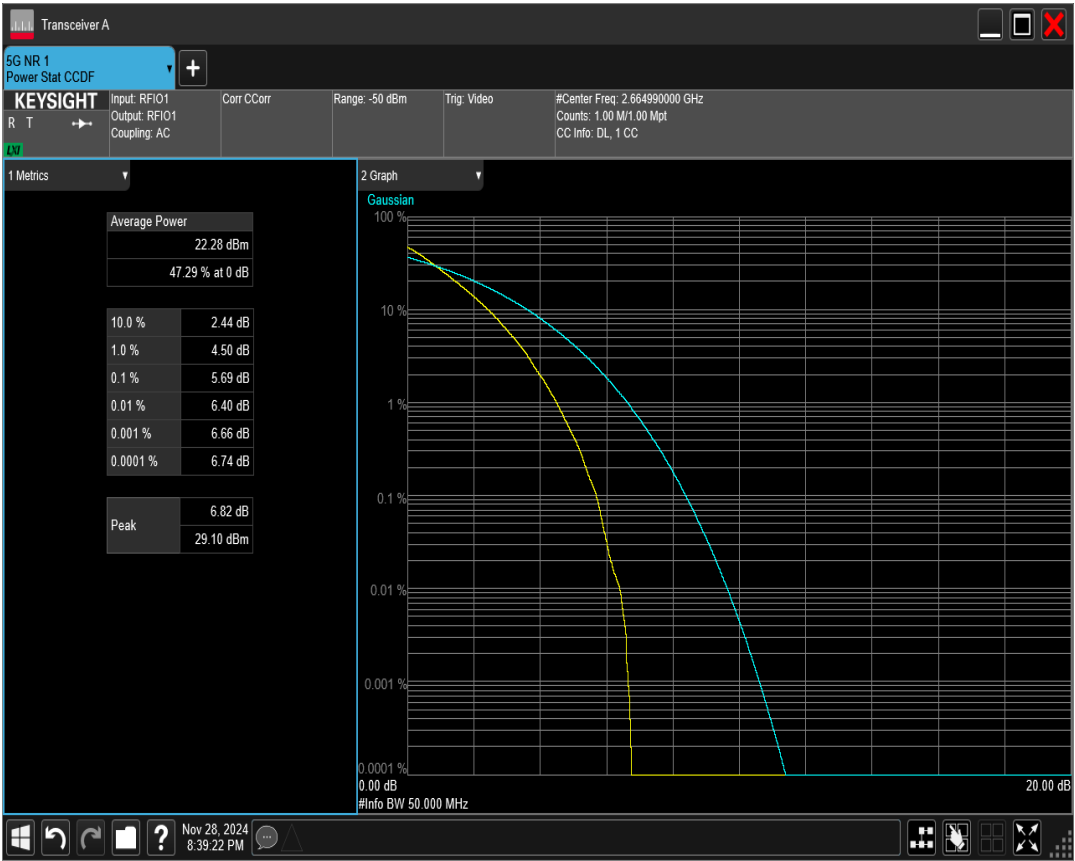
*n41 SCS=30kHz DFT\_QPSK BW=50MHz Channel=518598 RB=128@0*



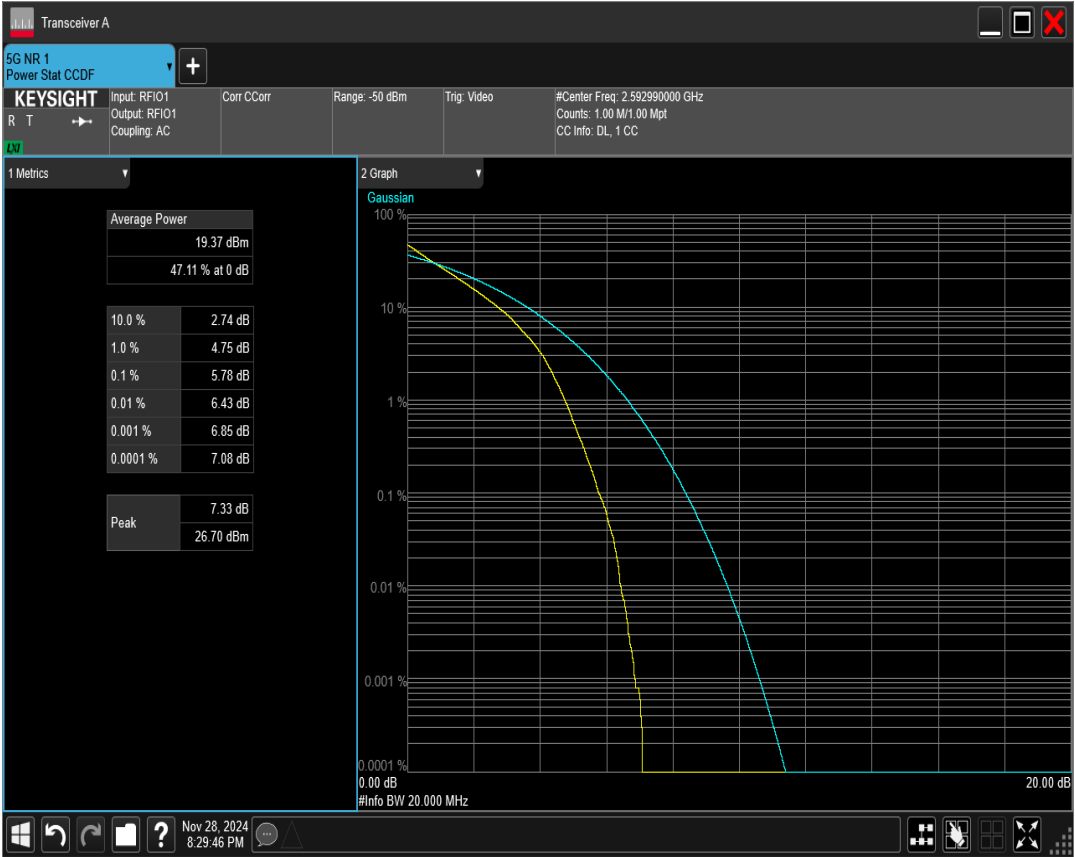
*n41 SCS=30kHz DFT\_QPSK BW=60MHz Channel=505200 RB=162@0*



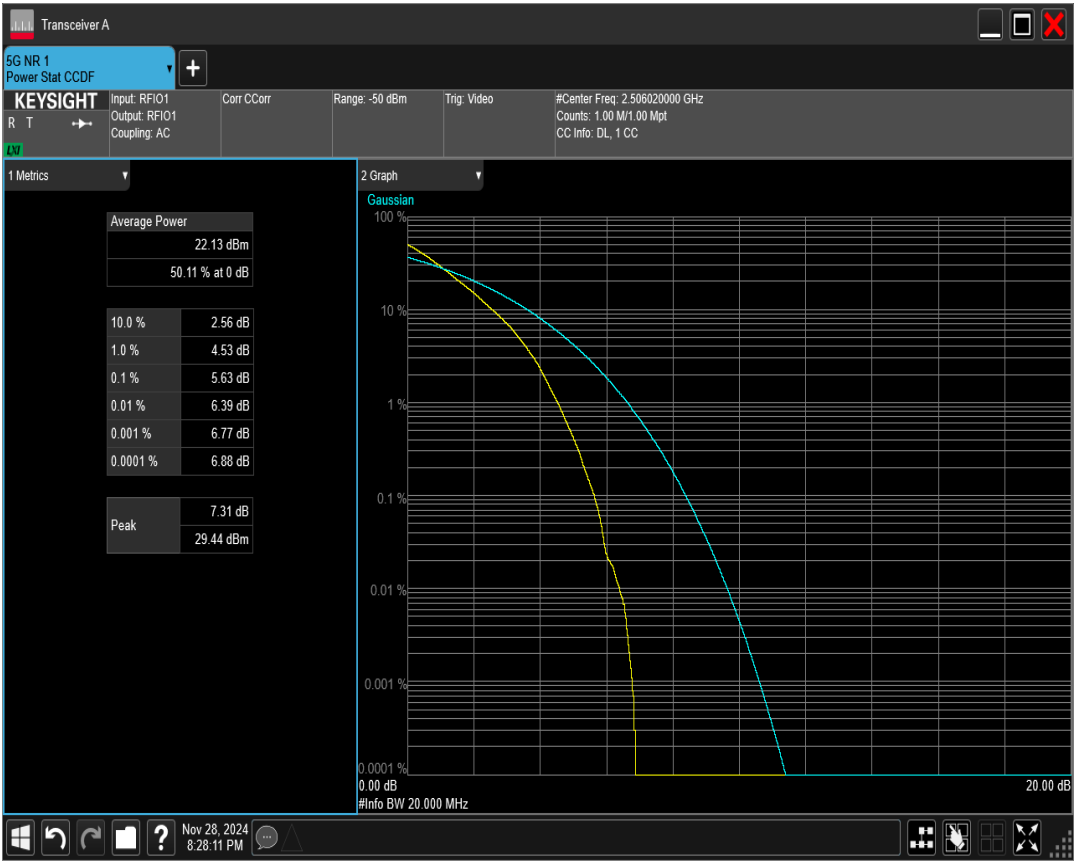
*n41 SCS=30kHz DFT\_QPSK BW=50MHz Channel=532998 RB=128@0*



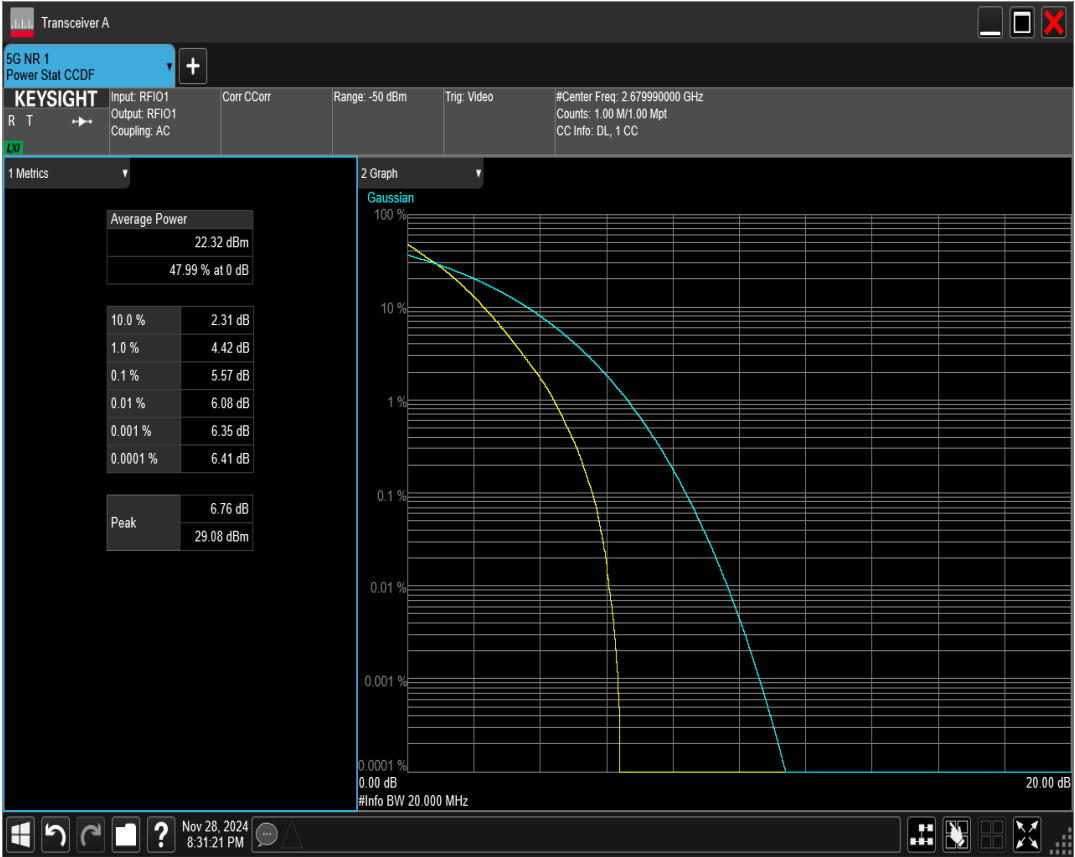
*n41 SCS=30kHz DFT\_QPSK BW=20MHz Channel=518598 RB=50@0*



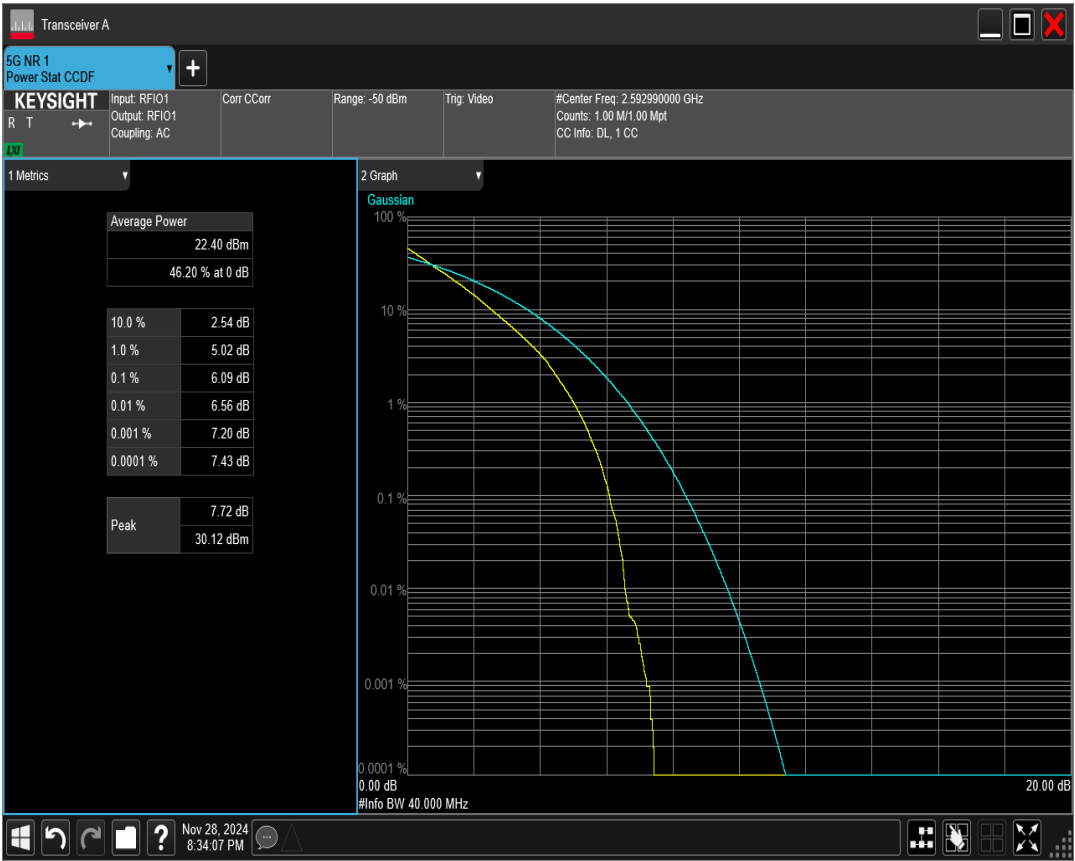
*n41 SCS=30kHz DFT\_QPSK BW=20MHz Channel=501204 RB=50@0*



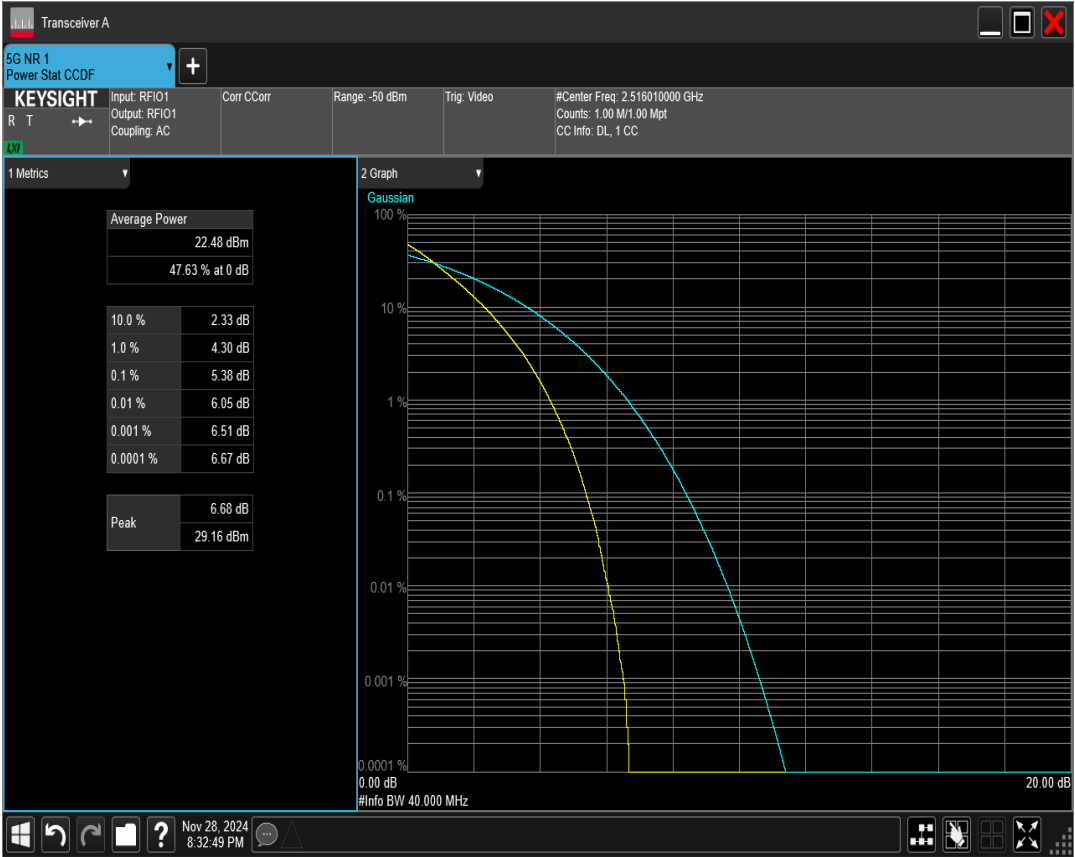
*n41 SCS=30kHz DFT\_QPSK BW=20MHz Channel=535998 RB=50@0*



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

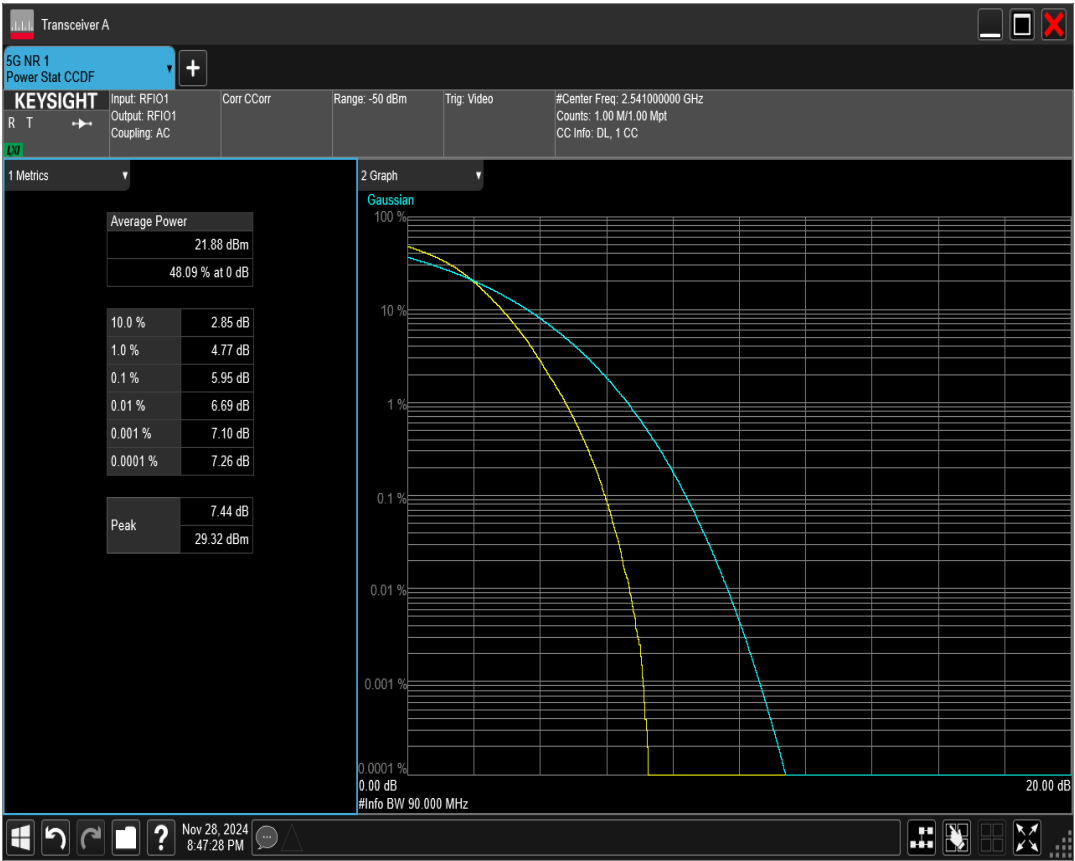


*n41 SCS=30kHz DFT\_QPSK BW=40MHz Channel=503202 RB=100@0*

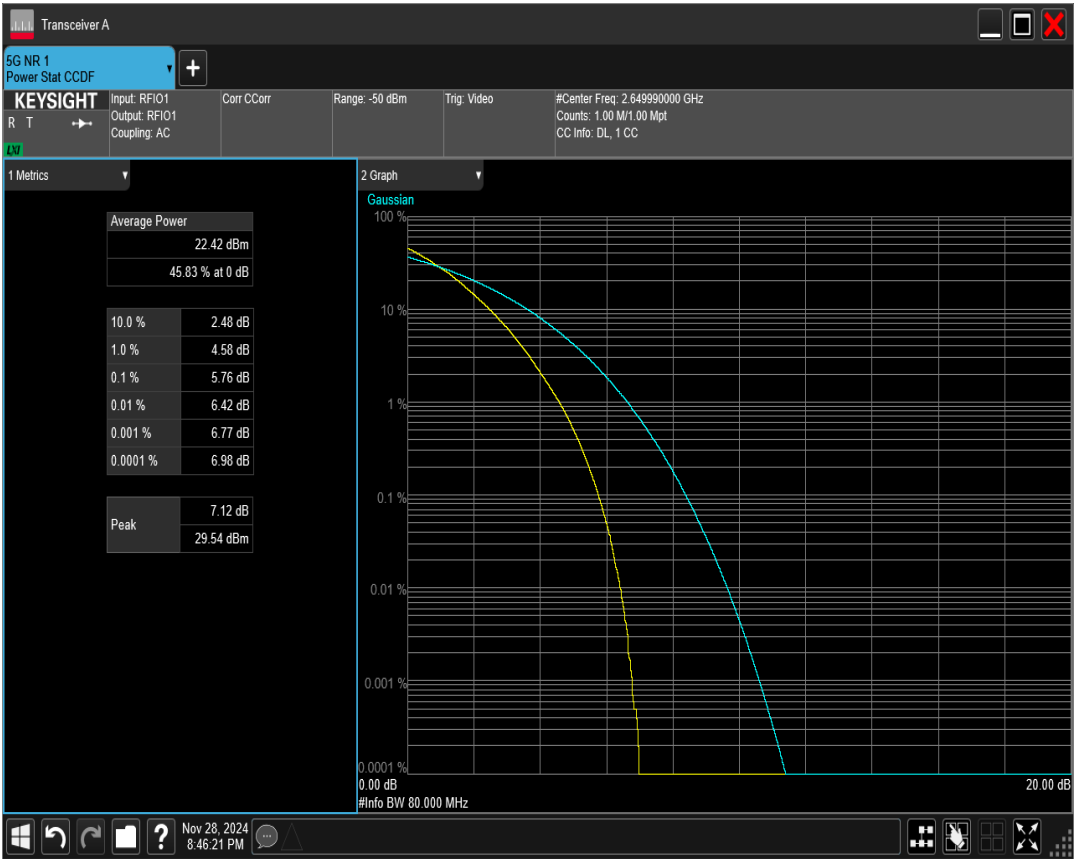


*n41 SCS=30kHz DFT\_QPSK BW=90MHz Channel=508200 RB=240@0*

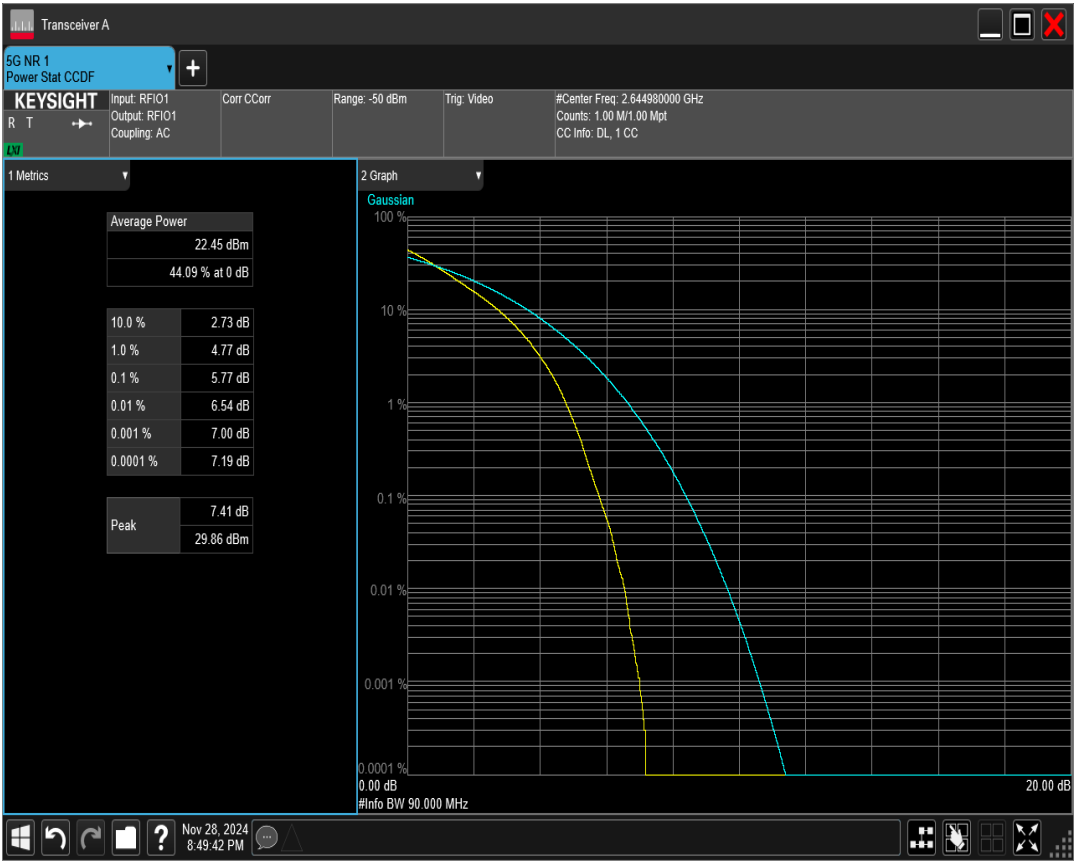




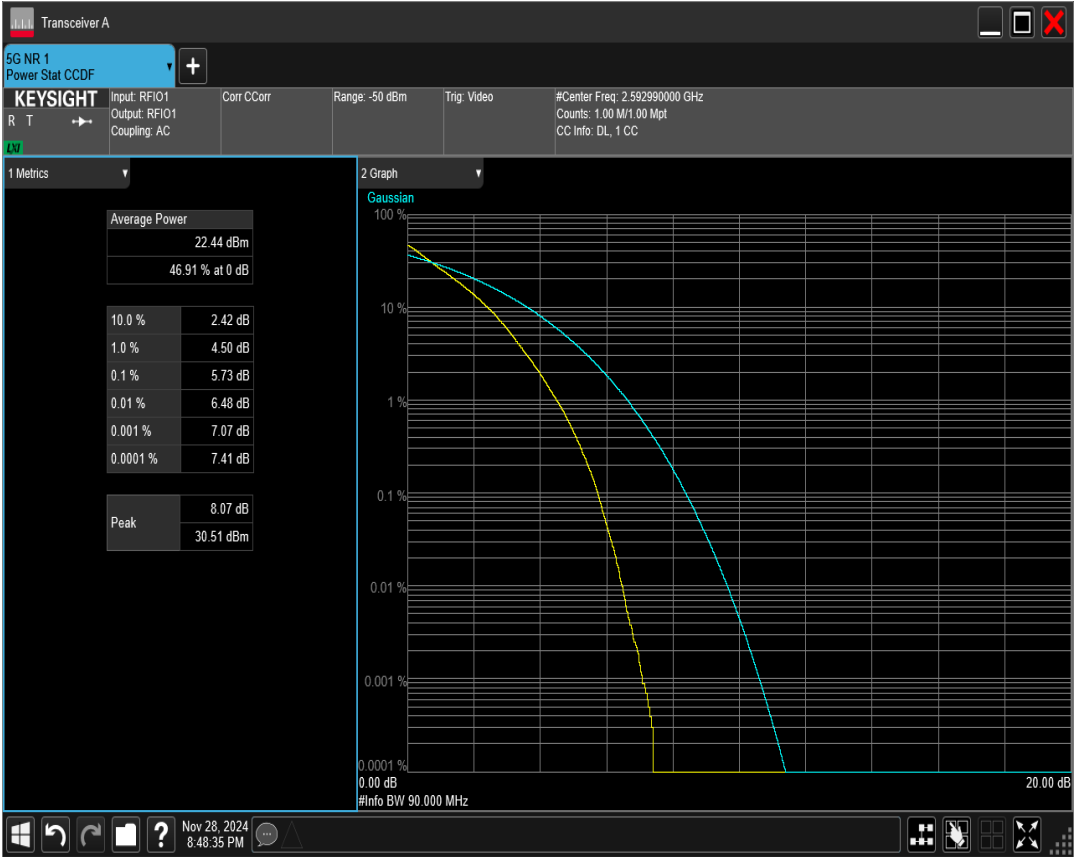
*n41 SCS=30kHz DFT\_QPSK BW=80MHz Channel=529998 RB=216@0*



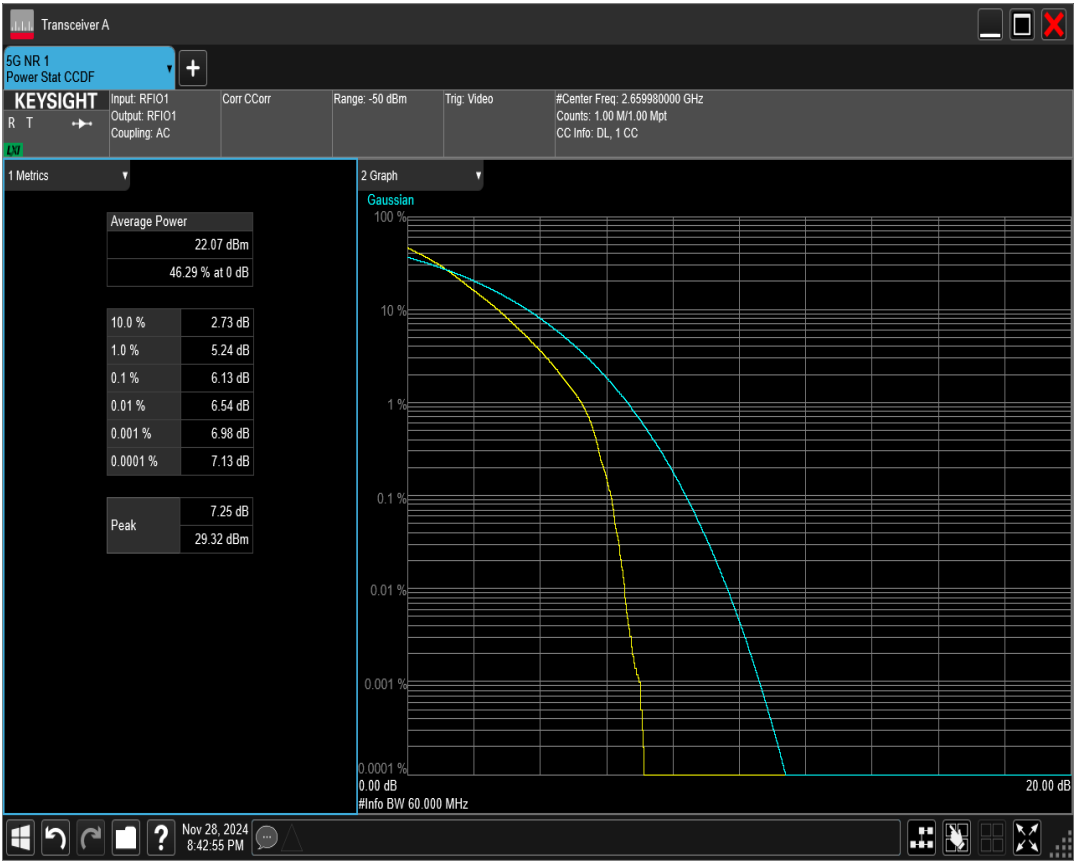
*n41 SCS=30kHz DFT\_QPSK BW=90MHz Channel=528996 RB=240@0*



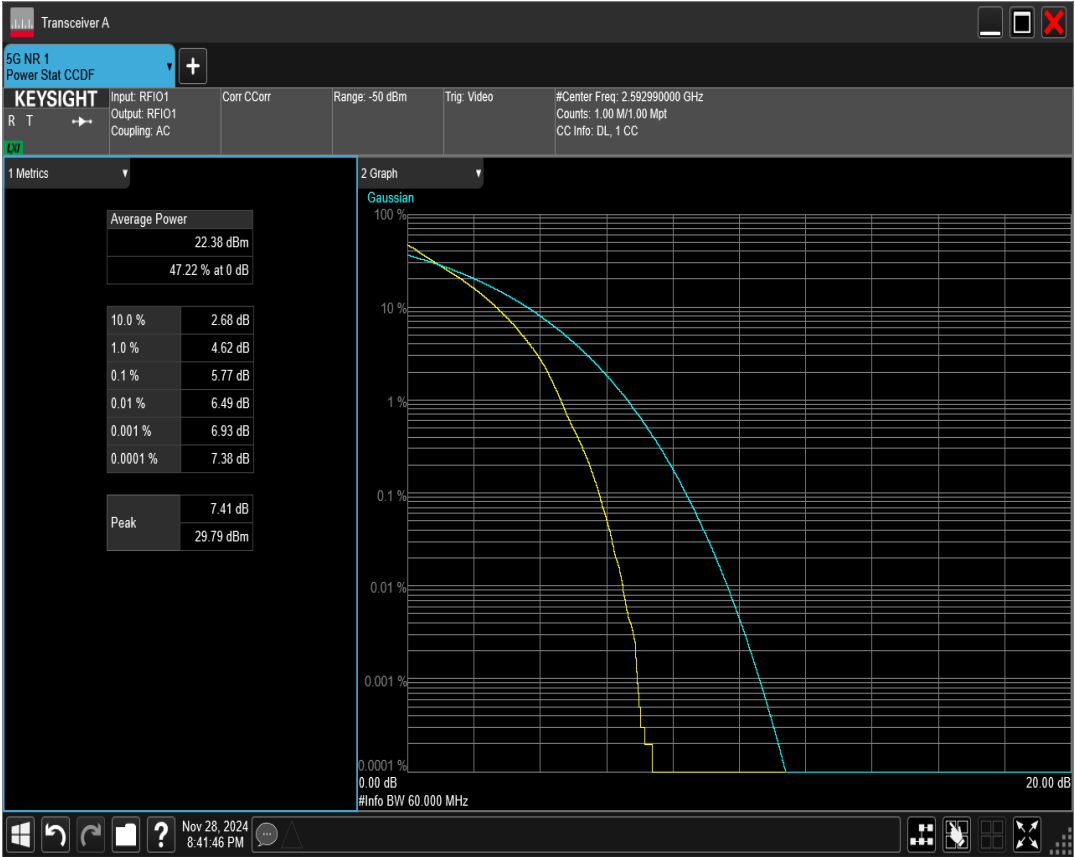
*n41 SCS=30kHz DFT\_QPSK BW=90MHz Channel=518598 RB=240@0*



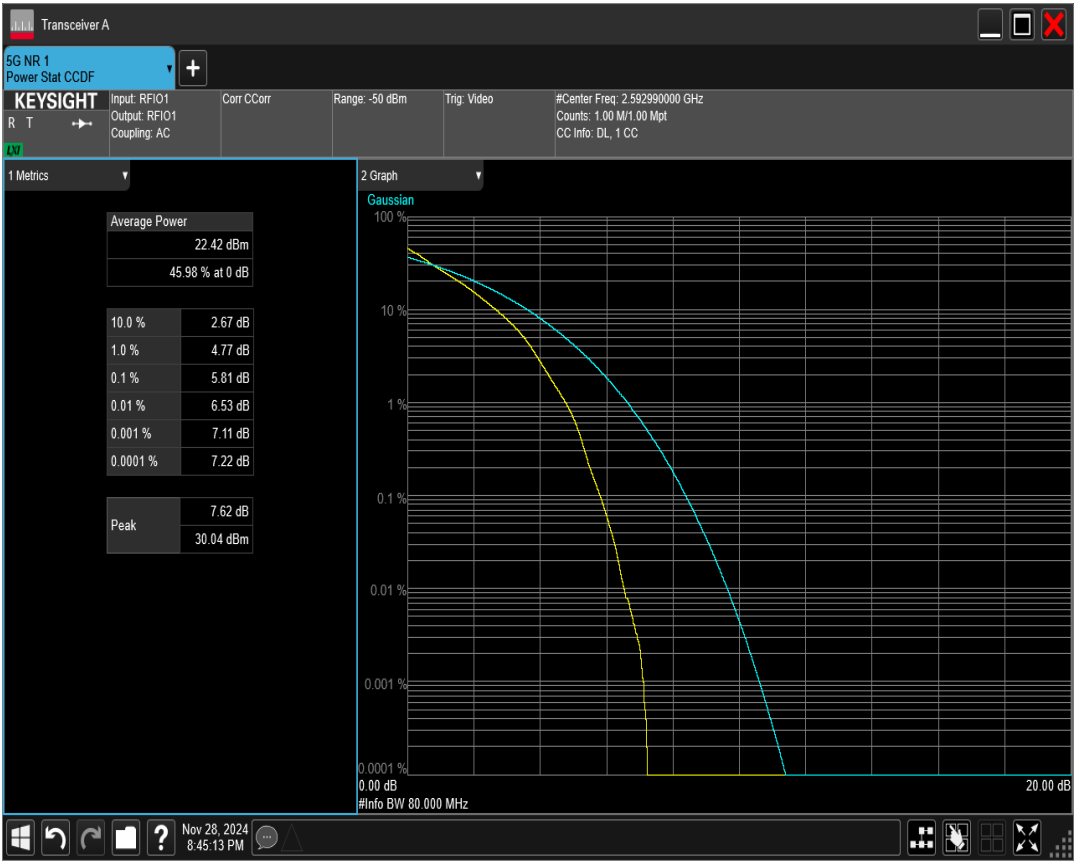
*n41 SCS=30kHz DFT\_QPSK BW=60MHz Channel=531996 RB=162@0*



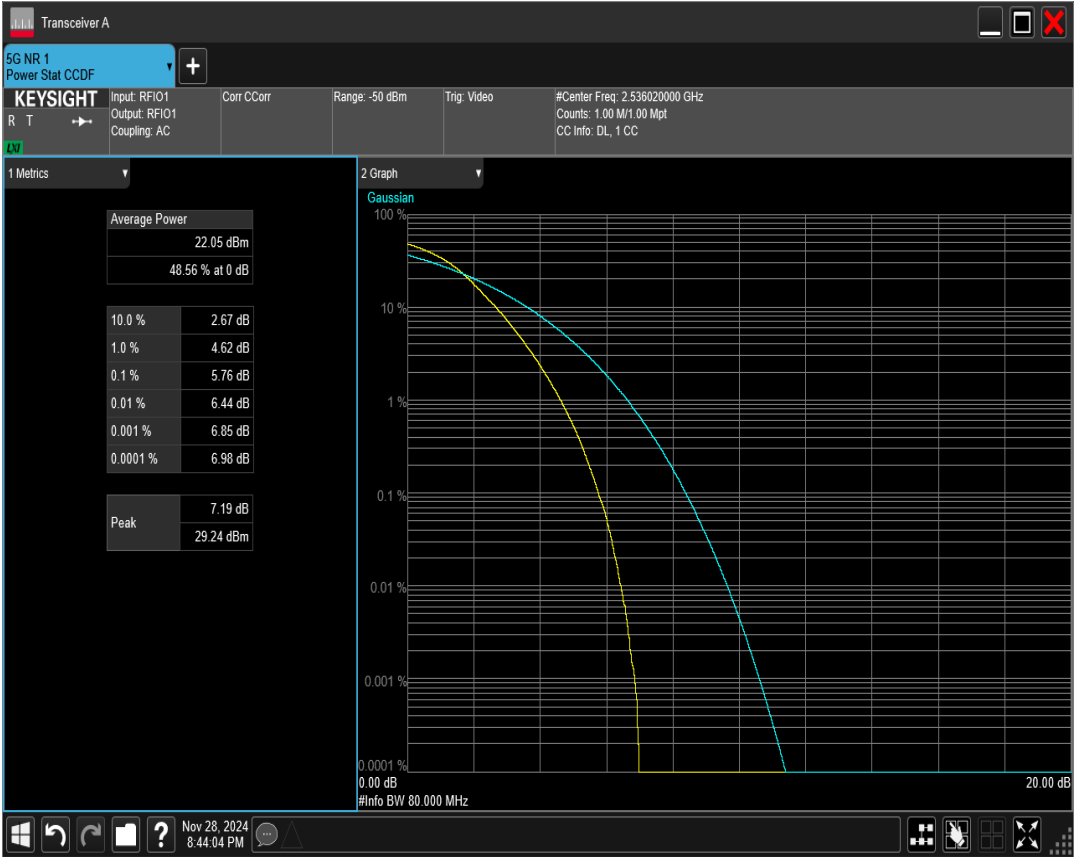
*n41 SCS=30kHz DFT\_QPSK BW=60MHz Channel=518598 RB=162@0*



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



*n41 SCS=30kHz DFT\_QPSK BW=80MHz Channel=507204 RB=216@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 |
|------|--------------|--------------------|---------------|------------------|------------|------------------|--------------------|---------|
| n41  | 30           | 20                 | 518598        | 50@0             | DFT_BPSK   | 18.010           | 18.280             | PASS    |
| n41  | 30           | 20                 | 518598        | 50@0             | DFT_QPSK   | 17.950           | 18.300             | PASS    |
| n41  | 30           | 20                 | 518598        | 50@0             | DFT_QAM16  | 17.980           | 18.320             | PASS    |
| n41  | 30           | 20                 | 518598        | 50@0             | DFT_QAM64  | 18.040           | 18.280             | PASS    |
| n41  | 30           | 20                 | 518598        | 50@0             | DFT_QAM256 | 17.980           | 18.260             | PASS    |
| n41  | 30           | 40                 | 518598        | 100@0            | DFT_BPSK   | 37.510           | 36.300             | PASS    |
| n41  | 30           | 40                 | 518598        | 100@0            | DFT_QPSK   | 37.470           | 36.200             | PASS    |
| n41  | 30           | 40                 | 518598        | 100@0            | DFT_QAM16  | 37.460           | 36.230             | PASS    |
| n41  | 30           | 40                 | 518598        | 100@0            | DFT_QAM64  | 37.560           | 36.350             | PASS    |
| n41  | 30           | 40                 | 518598        | 100@0            | DFT_QAM256 | 37.560           | 36.410             | PASS    |
| n41  | 30           | 50                 | 518598        | 128@0            | DFT_BPSK   | 47.080           | 46.330             | PASS    |
| n41  | 30           | 50                 | 518598        | 128@0            | DFT_QPSK   | 47.070           | 46.570             | PASS    |
| n41  | 30           | 50                 | 518598        | 128@0            | DFT_QAM16  | 46.950           | 46.490             | PASS    |
| n41  | 30           | 50                 | 518598        | 128@0            | DFT_QAM64  | 47.020           | 46.450             | PASS    |
| n41  | 30           | 50                 | 518598        | 128@0            | DFT_QAM256 | 47.000           | 46.470             | PASS    |
| n41  | 30           | 60                 | 518598        | 162@0            | DFT_BPSK   | 57.700           | 58.650             | PASS    |
| n41  | 30           | 60                 | 518598        | 162@0            | DFT_QPSK   | 57.630           | 58.650             | PASS    |
| n41  | 30           | 60                 | 518598        | 162@0            | DFT_QAM16  | 57.710           | 58.580             | PASS    |
| n41  | 30           | 60                 | 518598        | 162@0            | DFT_QAM64  | 57.680           | 58.570             | PASS    |
| n41  | 30           | 60                 | 518598        | 162@0            | DFT_QAM256 | 57.690           | 58.610             | PASS    |
| n41  | 30           | 80                 | 518598        | 216@0            | DFT_BPSK   | 76.910           | 78.050             | PASS    |
| n41  | 30           | 80                 | 518598        | 216@0            | DFT_QPSK   | 76.810           | 78.060             | PASS    |
| n41  | 30           | 80                 | 518598        | 216@0            | DFT_QAM16  | 76.830           | 77.970             | PASS    |
| n41  | 30           | 80                 | 518598        | 216@0            | DFT_QAM64  | 76.830           | 78.170             | PASS    |
| n41  | 30           | 80                 | 518598        | 216@0            | DFT_QAM256 | 76.840           | 78.100             | PASS    |
| n41  | 30           | 90                 | 518598        | 240@0            | DFT_BPSK   | 86.210           | 86.610             | PASS    |
| n41  | 30           | 90                 | 518598        | 240@0            | DFT_QPSK   | 86.180           | 86.760             | PASS    |
| n41  | 30           | 90                 | 518598        | 240@0            | DFT_QAM16  | 86.300           | 86.710             | PASS    |
| n41  | 30           | 90                 | 518598        | 240@0            | DFT_QAM64  | 86.200           | 86.680             | PASS    |
| n41  | 30           | 90                 | 518598        | 240@0            | DFT_QAM256 | 86.170           | 86.740             | PASS    |
| n41  | 30           | 100                | 518598        | 270@0            | DFT_BPSK   | 95.890           | 97.490             | PASS    |
| n41  | 30           | 100                | 518598        | 270@0            | DFT_QPSK   | 95.900           | 97.530             | PASS    |
| n41  | 30           | 100                | 518598        | 270@0            | DFT_QAM16  | 95.760           | 97.570             | PASS    |
| n41  | 30           | 100                | 518598        | 270@0            | DFT_QAM64  | 95.890           | 97.500             | PASS    |
| n41  | 30           | 100                | 518598        | 270@0            | DFT_QAM256 | 95.910           | 97.520             | PASS    |

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