

# TABLE OF CONTENTS

|                                                 |            |
|-------------------------------------------------|------------|
| <b>1 Conducted output power for EN-DC .....</b> | <b>2</b>   |
| <b>2 Frequency stability for EN-DC .....</b>    | <b>4</b>   |
| <b>3 Peak-to-Average Ratio for EN-DC.....</b>   | <b>6</b>   |
| <b>4 Occupied bandwidth for EN-DC.....</b>      | <b>77</b>  |
| <b>5 Band edge for EN-DC .....</b>              | <b>101</b> |
| <b>6 Out-of-band emissions for EN-DC .....</b>  | <b>111</b> |

## 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 |
|--------|--------------|--------------------|---------------|------------------|------------|----------------|--------------------|---------------------|---------|
| Band66 | 30           | 5                  | 131997        | 1@0              | QPSK       | 19.18          |                    |                     |         |
| n77    | 30           | 10                 | 620334        | 1@0              | DFT_BPSK   | 21.38          |                    |                     |         |
| Sum    | 30           |                    |               |                  |            | 23.42          | 19                 | 26                  | PASS    |
| Band66 | 30           | 5                  | 132322        | 8@0              | QPSK       | 19.29          |                    |                     |         |
| n77    | 30           | 10                 | 650000        | 12@6             | DFT_BPSK   | 21.42          |                    |                     |         |
| Sum    | 30           |                    |               |                  |            | 23.49          | 19                 | 26                  | PASS    |
| Band66 | 30           | 5                  | 132322        | 8@0              | QPSK       | 19.29          |                    |                     |         |
| n77    | 30           | 10                 | 650000        | 12@6             | DFT_QPSK   | 21.48          |                    |                     |         |
| Sum    | 30           |                    |               |                  |            | 23.53          | 19                 | 26                  | PASS    |
| Band66 | 30           | 5                  | 132647        | 1@17             | QPSK       | 19.08          |                    |                     |         |
| n77    | 30           | 10                 | 679666        | 1@23             | DFT_BPSK   | 21.10          |                    |                     |         |
| Sum    | 30           |                    |               |                  |            | 23.21          | 19                 | 26                  | PASS    |
| Band66 | 30           | 5                  | 132647        | 8@17             | QPSK       | 19.31          |                    |                     |         |
| n77    | 30           | 10                 | 679666        | 12@6             | DFT_BPSK   | 21.12          |                    |                     |         |
| Sum    | 30           |                    |               |                  |            | 23.31          | 19                 | 26                  | PASS    |
| Band66 | 30           | 5                  | 132647        | 1@17             | QPSK       | 18.63          |                    |                     |         |
| n77    | 30           | 10                 | 679666        | 1@23             | DFT_QPSK   | 20.66          |                    |                     |         |
| Sum    | 30           |                    |               |                  |            | 22.77          | 19                 | 26                  | PASS    |
| Band66 | 30           | 5                  | 132647        | 8@17             | QPSK       | 19.29          |                    |                     |         |
| n77    | 30           | 10                 | 679666        | 12@6             | DFT_QPSK   | 21.19          |                    |                     |         |
| Sum    | 30           |                    |               |                  |            | 23.35          | 19                 | 26                  | PASS    |
| Band66 | 30           | 20                 | 132072        | 1@0              | QPSK       | 19.25          |                    |                     |         |
| n77    | 30           | 100                | 623334        | 1@0              | DFT_BPSK   | 21.33          |                    |                     |         |
| Sum    | 30           |                    |               |                  |            | 23.42          | 19                 | 26                  | PASS    |
| Band66 | 30           | 20                 | 132322        | 18@0             | QPSK       | 19.21          |                    |                     |         |
| n77    | 30           | 100                | 650000        | 135@67           | DFT_BPSK   | 21.51          |                    |                     |         |
| Sum    | 30           |                    |               |                  |            | 23.52          | 19                 | 26                  | PASS    |
| Band66 | 30           | 20                 | 132322        | 18@0             | QPSK       | 19.25          |                    |                     |         |
| n77    | 30           | 100                | 650000        | 135@67           | DFT_QPSK   | 21.41          |                    |                     |         |
| Sum    | 30           |                    |               |                  |            | 23.47          | 19                 | 26                  | PASS    |
| Band66 | 30           | 20                 | 132572        | 1@72             | QPSK       | 18.73          |                    |                     |         |
| n77    | 30           | 100                | 676666        | 1@272            | DFT_BPSK   | 20.41          |                    |                     |         |
| Sum    | 30           |                    |               |                  |            | 22.66          | 19                 | 26                  | PASS    |
| Band66 | 30           | 20                 | 132572        | 18@72            | QPSK       | 19.29          |                    |                     |         |
| n77    | 30           | 100                | 676666        | 135@67           | DFT_BPSK   | 21.18          |                    |                     |         |
| Sum    | 30           |                    |               |                  |            | 23.34          | 19                 | 26                  | PASS    |
| Band66 | 30           | 20                 | 132572        | 1@72             | QPSK       | 18.75          |                    |                     |         |
| n77    | 30           | 100                | 676666        | 1@272            | DFT_QPSK   | 20.39          |                    |                     |         |
| Sum    | 30           |                    |               |                  |            | 22.65          | 19                 | 26                  | PASS    |

|        |    |     |        |        |          |       |    |    |      |
|--------|----|-----|--------|--------|----------|-------|----|----|------|
| Band66 | 30 | 20  | 132572 | 18@72  | QPSK     | 19.29 |    |    |      |
| n77    | 30 | 100 | 676666 | 135@67 | DFT_QPSK | 21.18 |    |    |      |
| Sum    | 30 |     |        |        |          | 23.34 | 19 | 26 | PASS |

## 2 Frequency stability for EN-DC

| Band | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | Result(Hz) | Result<br>(ppm) | Low<br>Limit<br>(ppm) | high<br>Limit<br>(ppm) | Verdict |
|------|--------------|--------------------|---------------|------------------|------------|------------|-----------------|-----------------------|------------------------|---------|
| n77  | 30           | 10                 | 620334        | 12@6             | DFT_BPSK   | -9.41      | -0.00285        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 10                 | 620334        | 1@1              | DFT_BPSK   | -9.06      | -0.00274        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 10                 | 620334        | 1@22             | DFT_BPSK   | -5.26      | -0.00159        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 10                 | 620334        | 12@6             | DFT_QPSK   | -8.79      | -0.00266        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 10                 | 620334        | 1@1              | DFT_QPSK   | -8.70      | -0.00263        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 10                 | 620334        | 1@22             | DFT_QPSK   | -10.81     | -0.00327        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 10                 | 650000        | 12@6             | DFT_BPSK   | -6.91      | -0.00184        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 10                 | 650000        | 1@1              | DFT_BPSK   | -8.77      | -0.00234        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 10                 | 650000        | 1@22             | DFT_BPSK   | -6.79      | -0.00181        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 10                 | 650000        | 12@6             | DFT_QPSK   | -7.65      | -0.00204        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 10                 | 650000        | 1@1              | DFT_QPSK   | -6.90      | -0.00184        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 10                 | 650000        | 1@22             | DFT_QPSK   | -5.98      | -0.00159        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 10                 | 679666        | 12@6             | DFT_BPSK   | -9.53      | -0.00227        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 10                 | 679666        | 1@1              | DFT_BPSK   | -7.21      | -0.00172        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 10                 | 679666        | 1@22             | DFT_BPSK   | -9.13      | -0.00218        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 10                 | 679666        | 12@6             | DFT_QPSK   | -9.22      | -0.00220        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 10                 | 679666        | 1@1              | DFT_QPSK   | -9.41      | -0.00224        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 10                 | 679666        | 1@22             | DFT_QPSK   | -9.85      | -0.00235        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 50                 | 621668        | 64@32            | DFT_BPSK   | -8.07      | -0.00243        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 50                 | 621668        | 1@1              | DFT_BPSK   | -10.21     | -0.00307        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 50                 | 621668        | 1@131            | DFT_BPSK   | -8.54      | -0.00257        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 50                 | 621668        | 64@32            | DFT_QPSK   | -9.31      | -0.00280        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 50                 | 621668        | 1@1              | DFT_QPSK   | -9.32      | -0.00280        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 50                 | 621668        | 1@131            | DFT_QPSK   | -7.13      | -0.00214        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 50                 | 650000        | 64@32            | DFT_BPSK   | -9.49      | -0.00253        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 50                 | 650000        | 1@1              | DFT_BPSK   | -5.57      | -0.00149        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 50                 | 650000        | 1@131            | DFT_BPSK   | -5.43      | -0.00145        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 50                 | 650000        | 64@32            | DFT_QPSK   | -8.61      | -0.00230        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 50                 | 650000        | 1@1              | DFT_QPSK   | -8.03      | -0.00214        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 50                 | 650000        | 1@131            | DFT_QPSK   | -9.69      | -0.00258        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 50                 | 678332        | 64@32            | DFT_BPSK   | -7.58      | -0.00182        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 50                 | 678332        | 1@1              | DFT_BPSK   | -6.89      | -0.00165        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 50                 | 678332        | 1@131            | DFT_BPSK   | -7.83      | -0.00188        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 50                 | 678332        | 64@32            | DFT_QPSK   | -8.52      | -0.00204        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 50                 | 678332        | 1@1              | DFT_QPSK   | -8.51      | -0.00204        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 50                 | 678332        | 1@131            | DFT_QPSK   | -10.15     | -0.00243        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 100                | 623334        | 135@67           | DFT_BPSK   | -8.05      | -0.00240        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 100                | 623334        | 1@1              | DFT_BPSK   | -5.59      | -0.00167        | -2.5                  | 2.5                    | PASS    |
| n77  | 30           | 100                | 623334        | 1@271            | DFT_BPSK   | -7.53      | -0.00225        | -2.5                  | 2.5                    | PASS    |

|     |    |     |        |        |          |        |          |      |     |      |
|-----|----|-----|--------|--------|----------|--------|----------|------|-----|------|
| n77 | 30 | 100 | 623334 | 135@67 | DFT_QPSK | -7.43  | -0.00222 | -2.5 | 2.5 | PASS |
| n77 | 30 | 100 | 623334 | 1@1    | DFT_QPSK | -9.81  | -0.00293 | -2.5 | 2.5 | PASS |
| n77 | 30 | 100 | 623334 | 1@271  | DFT_QPSK | -8.26  | -0.00247 | -2.5 | 2.5 | PASS |
| n77 | 30 | 100 | 650000 | 135@67 | DFT_BPSK | -7.94  | -0.00212 | -2.5 | 2.5 | PASS |
| n77 | 30 | 100 | 650000 | 1@1    | DFT_BPSK | -7.57  | -0.00202 | -2.5 | 2.5 | PASS |
| n77 | 30 | 100 | 650000 | 1@271  | DFT_BPSK | -8.74  | -0.00233 | -2.5 | 2.5 | PASS |
| n77 | 30 | 100 | 650000 | 135@67 | DFT_QPSK | -7.22  | -0.00193 | -2.5 | 2.5 | PASS |
| n77 | 30 | 100 | 650000 | 1@1    | DFT_QPSK | -9.38  | -0.00250 | -2.5 | 2.5 | PASS |
| n77 | 30 | 100 | 650000 | 1@271  | DFT_QPSK | -9.39  | -0.00250 | -2.5 | 2.5 | PASS |
| n77 | 30 | 100 | 676666 | 135@67 | DFT_BPSK | -9.84  | -0.00237 | -2.5 | 2.5 | PASS |
| n77 | 30 | 100 | 676666 | 1@1    | DFT_BPSK | -9.29  | -0.00224 | -2.5 | 2.5 | PASS |
| n77 | 30 | 100 | 676666 | 1@271  | DFT_BPSK | -8.78  | -0.00212 | -2.5 | 2.5 | PASS |
| n77 | 30 | 100 | 676666 | 135@67 | DFT_QPSK | -11.33 | -0.00273 | -2.5 | 2.5 | PASS |
| n77 | 30 | 100 | 676666 | 1@1    | DFT_QPSK | -9.10  | -0.00219 | -2.5 | 2.5 | PASS |
| n77 | 30 | 100 | 676666 | 1@271  | DFT_QPSK | -8.56  | -0.00206 | -2.5 | 2.5 | PASS |

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

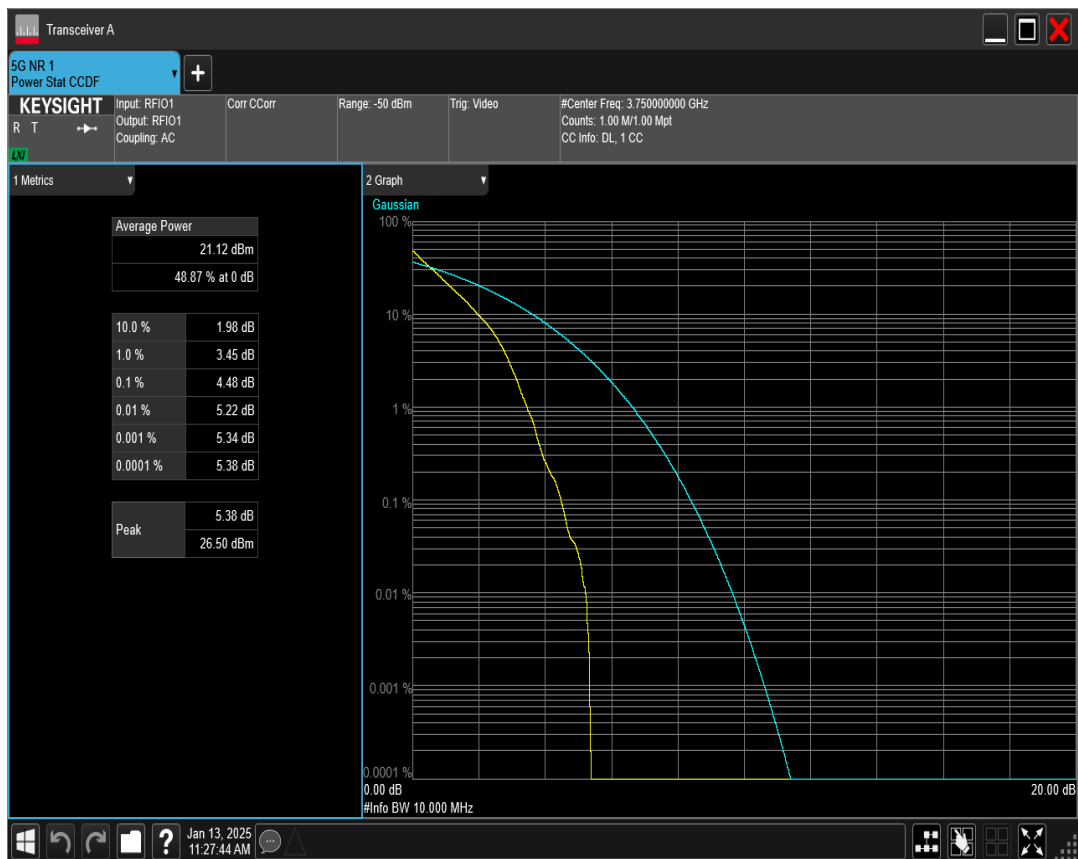
| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Result (dB) | high Limit (dB) | Verdict |
|------|-----------|-----------------|------------|---------------|------------|-------------|-----------------|---------|
| n77  | 30        | 10              | 620334     | 24@0          | DFT_BPSK   | 4.97        | 13              | PASS    |
| n77  | 30        | 10              | 620334     | 24@0          | DFT_QPSK   | 5.93        | 13              | PASS    |
| n77  | 30        | 10              | 620334     | 24@0          | DFT_QAM16  | 6.69        | 13              | PASS    |
| n77  | 30        | 10              | 620334     | 24@0          | DFT_QAM64  | 6.89        | 13              | PASS    |
| n77  | 30        | 10              | 620334     | 24@0          | DFT_QAM256 | 7.00        | 13              | PASS    |
| n77  | 30        | 10              | 650000     | 24@0          | DFT_BPSK   | 4.48        | 13              | PASS    |
| n77  | 30        | 10              | 650000     | 24@0          | DFT_QPSK   | 6.16        | 13              | PASS    |
| n77  | 30        | 10              | 650000     | 24@0          | DFT_QAM16  | 6.71        | 13              | PASS    |
| n77  | 30        | 10              | 650000     | 24@0          | DFT_QAM64  | 6.74        | 13              | PASS    |
| n77  | 30        | 10              | 650000     | 24@0          | DFT_QAM256 | 6.94        | 13              | PASS    |
| n77  | 30        | 10              | 679666     | 24@0          | DFT_BPSK   | 4.71        | 13              | PASS    |
| n77  | 30        | 10              | 679666     | 24@0          | DFT_QPSK   | 6.25        | 13              | PASS    |
| n77  | 30        | 10              | 679666     | 24@0          | DFT_QAM16  | 6.44        | 13              | PASS    |
| n77  | 30        | 10              | 679666     | 24@0          | DFT_QAM64  | 7.12        | 13              | PASS    |
| n77  | 30        | 10              | 679666     | 24@0          | DFT_QAM256 | 7.13        | 13              | PASS    |
| n77  | 30        | 15              | 620500     | 36@0          | DFT_BPSK   | 4.79        | 13              | PASS    |
| n77  | 30        | 15              | 620500     | 36@0          | DFT_QPSK   | 6.04        | 13              | PASS    |
| n77  | 30        | 15              | 620500     | 36@0          | DFT_QAM16  | 6.77        | 13              | PASS    |
| n77  | 30        | 15              | 620500     | 36@0          | DFT_QAM64  | 6.96        | 13              | PASS    |
| n77  | 30        | 15              | 620500     | 36@0          | DFT_QAM256 | 6.97        | 13              | PASS    |
| n77  | 30        | 15              | 650000     | 36@0          | DFT_BPSK   | 5.37        | 13              | PASS    |
| n77  | 30        | 15              | 650000     | 36@0          | DFT_QPSK   | 5.78        | 13              | PASS    |
| n77  | 30        | 15              | 650000     | 36@0          | DFT_QAM16  | 6.49        | 13              | PASS    |
| n77  | 30        | 15              | 650000     | 36@0          | DFT_QAM64  | 6.56        | 13              | PASS    |
| n77  | 30        | 15              | 650000     | 36@0          | DFT_QAM256 | 6.73        | 13              | PASS    |
| n77  | 30        | 15              | 679500     | 36@0          | DFT_BPSK   | 4.67        | 13              | PASS    |
| n77  | 30        | 15              | 679500     | 36@0          | DFT_QPSK   | 5.99        | 13              | PASS    |
| n77  | 30        | 15              | 679500     | 36@0          | DFT_QAM16  | 7.02        | 13              | PASS    |
| n77  | 30        | 15              | 679500     | 36@0          | DFT_QAM64  | 6.91        | 13              | PASS    |
| n77  | 30        | 15              | 679500     | 36@0          | DFT_QAM256 | 6.91        | 13              | PASS    |
| n77  | 30        | 20              | 620668     | 50@0          | DFT_BPSK   | 5.05        | 13              | PASS    |
| n77  | 30        | 20              | 620668     | 50@0          | DFT_QPSK   | 5.94        | 13              | PASS    |
| n77  | 30        | 20              | 620668     | 50@0          | DFT_QAM16  | 6.83        | 13              | PASS    |
| n77  | 30        | 20              | 620668     | 50@0          | DFT_QAM64  | 7.01        | 13              | PASS    |
| n77  | 30        | 20              | 620668     | 50@0          | DFT_QAM256 | 6.78        | 13              | PASS    |
| n77  | 30        | 20              | 650000     | 50@0          | DFT_BPSK   | 5.75        | 13              | PASS    |
| n77  | 30        | 20              | 650000     | 50@0          | DFT_QPSK   | 6.17        | 13              | PASS    |
| n77  | 30        | 20              | 650000     | 50@0          | DFT_QAM16  | 6.52        | 13              | PASS    |
| n77  | 30        | 20              | 650000     | 50@0          | DFT_QAM64  | 6.65        | 13              | PASS    |
| n77  | 30        | 20              | 650000     | 50@0          | DFT_QAM256 | 6.83        | 13              | PASS    |

|     |    |    |        |       |            |      |    |      |
|-----|----|----|--------|-------|------------|------|----|------|
| n77 | 30 | 20 | 679332 | 50@0  | DFT_BPSK   | 4.69 | 13 | PASS |
| n77 | 30 | 20 | 679332 | 50@0  | DFT_QPSK   | 5.88 | 13 | PASS |
| n77 | 30 | 20 | 679332 | 50@0  | DFT_QAM16  | 6.73 | 13 | PASS |
| n77 | 30 | 20 | 679332 | 50@0  | DFT_QAM64  | 6.84 | 13 | PASS |
| n77 | 30 | 20 | 679332 | 50@0  | DFT_QAM256 | 7.14 | 13 | PASS |
| n77 | 30 | 40 | 621334 | 100@0 | DFT_BPSK   | 4.52 | 13 | PASS |
| n77 | 30 | 40 | 621334 | 100@0 | DFT_QPSK   | 5.92 | 13 | PASS |
| n77 | 30 | 40 | 621334 | 100@0 | DFT_QAM16  | 6.71 | 13 | PASS |
| n77 | 30 | 40 | 621334 | 100@0 | DFT_QAM64  | 6.71 | 13 | PASS |
| n77 | 30 | 40 | 621334 | 100@0 | DFT_QAM256 | 6.67 | 13 | PASS |
| n77 | 30 | 40 | 650000 | 100@0 | DFT_BPSK   | 5.03 | 13 | PASS |
| n77 | 30 | 40 | 650000 | 100@0 | DFT_QPSK   | 5.71 | 13 | PASS |
| n77 | 30 | 40 | 650000 | 100@0 | DFT_QAM16  | 6.66 | 13 | PASS |
| n77 | 30 | 40 | 650000 | 100@0 | DFT_QAM64  | 6.50 | 13 | PASS |
| n77 | 30 | 40 | 650000 | 100@0 | DFT_QAM256 | 6.69 | 13 | PASS |
| n77 | 30 | 40 | 678666 | 100@0 | DFT_BPSK   | 4.72 | 13 | PASS |
| n77 | 30 | 40 | 678666 | 100@0 | DFT_QPSK   | 5.84 | 13 | PASS |
| n77 | 30 | 40 | 678666 | 100@0 | DFT_QAM16  | 6.79 | 13 | PASS |
| n77 | 30 | 40 | 678666 | 100@0 | DFT_QAM64  | 6.55 | 13 | PASS |
| n77 | 30 | 40 | 678666 | 100@0 | DFT_QAM256 | 6.86 | 13 | PASS |
| n77 | 30 | 50 | 621668 | 128@0 | DFT_BPSK   | 4.70 | 13 | PASS |
| n77 | 30 | 50 | 621668 | 128@0 | DFT_QPSK   | 5.95 | 13 | PASS |
| n77 | 30 | 50 | 621668 | 128@0 | DFT_QAM16  | 6.75 | 13 | PASS |
| n77 | 30 | 50 | 621668 | 128@0 | DFT_QAM64  | 6.76 | 13 | PASS |
| n77 | 30 | 50 | 621668 | 128@0 | DFT_QAM256 | 6.56 | 13 | PASS |
| n77 | 30 | 50 | 650000 | 128@0 | DFT_BPSK   | 4.58 | 13 | PASS |
| n77 | 30 | 50 | 650000 | 128@0 | DFT_QPSK   | 5.87 | 13 | PASS |
| n77 | 30 | 50 | 650000 | 128@0 | DFT_QAM16  | 6.80 | 13 | PASS |
| n77 | 30 | 50 | 650000 | 128@0 | DFT_QAM64  | 6.72 | 13 | PASS |
| n77 | 30 | 50 | 650000 | 128@0 | DFT_QAM256 | 6.73 | 13 | PASS |
| n77 | 30 | 50 | 678332 | 128@0 | DFT_BPSK   | 4.77 | 13 | PASS |
| n77 | 30 | 50 | 678332 | 128@0 | DFT_QPSK   | 5.77 | 13 | PASS |
| n77 | 30 | 50 | 678332 | 128@0 | DFT_QAM16  | 6.42 | 13 | PASS |
| n77 | 30 | 50 | 678332 | 128@0 | DFT_QAM64  | 7.03 | 13 | PASS |
| n77 | 30 | 50 | 678332 | 128@0 | DFT_QAM256 | 7.02 | 13 | PASS |
| n77 | 30 | 60 | 622000 | 162@0 | DFT_BPSK   | 5.79 | 13 | PASS |
| n77 | 30 | 60 | 622000 | 162@0 | DFT_QPSK   | 6.09 | 13 | PASS |
| n77 | 30 | 60 | 622000 | 162@0 | DFT_QAM16  | 6.60 | 13 | PASS |
| n77 | 30 | 60 | 622000 | 162@0 | DFT_QAM64  | 6.83 | 13 | PASS |
| n77 | 30 | 60 | 622000 | 162@0 | DFT_QAM256 | 6.77 | 13 | PASS |
| n77 | 30 | 60 | 650000 | 162@0 | DFT_BPSK   | 5.07 | 13 | PASS |
| n77 | 30 | 60 | 650000 | 162@0 | DFT_QPSK   | 6.57 | 13 | PASS |
| n77 | 30 | 60 | 650000 | 162@0 | DFT_QAM16  | 6.55 | 13 | PASS |
| n77 | 30 | 60 | 650000 | 162@0 | DFT_QAM64  | 6.89 | 13 | PASS |

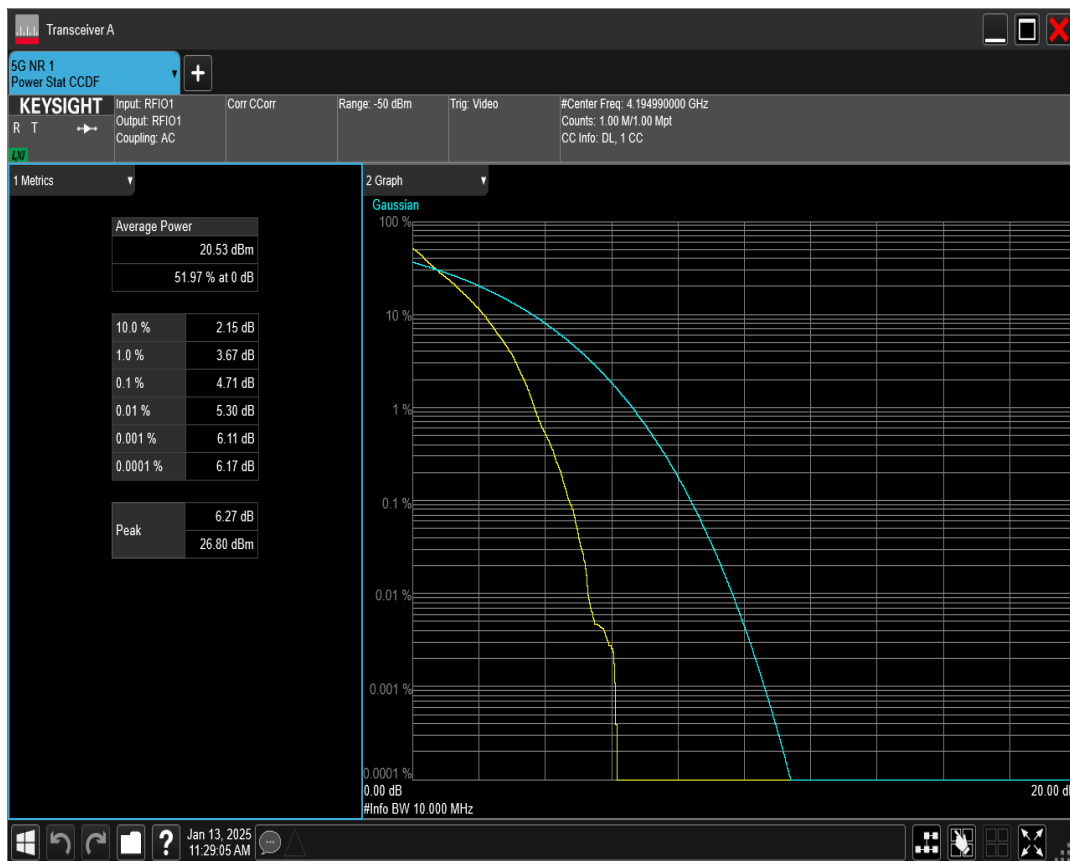
|     |    |     |        |       |            |      |    |      |
|-----|----|-----|--------|-------|------------|------|----|------|
| n77 | 30 | 60  | 650000 | 162@0 | DFT_QAM256 | 6.67 | 13 | PASS |
| n77 | 30 | 60  | 678000 | 162@0 | DFT_BPSK   | 4.90 | 13 | PASS |
| n77 | 30 | 60  | 678000 | 162@0 | DFT_QPSK   | 5.87 | 13 | PASS |
| n77 | 30 | 60  | 678000 | 162@0 | DFT_QAM16  | 6.49 | 13 | PASS |
| n77 | 30 | 60  | 678000 | 162@0 | DFT_QAM64  | 6.99 | 13 | PASS |
| n77 | 30 | 60  | 678000 | 162@0 | DFT_QAM256 | 6.90 | 13 | PASS |
| n77 | 30 | 80  | 622668 | 216@0 | DFT_BPSK   | 4.53 | 13 | PASS |
| n77 | 30 | 80  | 622668 | 216@0 | DFT_QPSK   | 5.96 | 13 | PASS |
| n77 | 30 | 80  | 622668 | 216@0 | DFT_QAM16  | 6.67 | 13 | PASS |
| n77 | 30 | 80  | 622668 | 216@0 | DFT_QAM64  | 6.99 | 13 | PASS |
| n77 | 30 | 80  | 622668 | 216@0 | DFT_QAM256 | 7.08 | 13 | PASS |
| n77 | 30 | 80  | 650000 | 216@0 | DFT_BPSK   | 4.75 | 13 | PASS |
| n77 | 30 | 80  | 650000 | 216@0 | DFT_QPSK   | 5.63 | 13 | PASS |
| n77 | 30 | 80  | 650000 | 216@0 | DFT_QAM16  | 6.39 | 13 | PASS |
| n77 | 30 | 80  | 650000 | 216@0 | DFT_QAM64  | 6.61 | 13 | PASS |
| n77 | 30 | 80  | 650000 | 216@0 | DFT_QAM256 | 6.98 | 13 | PASS |
| n77 | 30 | 80  | 677332 | 216@0 | DFT_BPSK   | 5.01 | 13 | PASS |
| n77 | 30 | 80  | 677332 | 216@0 | DFT_QPSK   | 6.26 | 13 | PASS |
| n77 | 30 | 80  | 677332 | 216@0 | DFT_QAM16  | 6.76 | 13 | PASS |
| n77 | 30 | 80  | 677332 | 216@0 | DFT_QAM64  | 6.77 | 13 | PASS |
| n77 | 30 | 80  | 677332 | 216@0 | DFT_QAM256 | 7.25 | 13 | PASS |
| n77 | 30 | 90  | 623000 | 240@0 | DFT_BPSK   | 5.23 | 13 | PASS |
| n77 | 30 | 90  | 623000 | 240@0 | DFT_QPSK   | 5.73 | 13 | PASS |
| n77 | 30 | 90  | 623000 | 240@0 | DFT_QAM16  | 7.22 | 13 | PASS |
| n77 | 30 | 90  | 623000 | 240@0 | DFT_QAM64  | 6.91 | 13 | PASS |
| n77 | 30 | 90  | 623000 | 240@0 | DFT_QAM256 | 6.57 | 13 | PASS |
| n77 | 30 | 90  | 650000 | 240@0 | DFT_BPSK   | 4.74 | 13 | PASS |
| n77 | 30 | 90  | 650000 | 240@0 | DFT_QPSK   | 5.79 | 13 | PASS |
| n77 | 30 | 90  | 650000 | 240@0 | DFT_QAM16  | 6.36 | 13 | PASS |
| n77 | 30 | 90  | 650000 | 240@0 | DFT_QAM64  | 6.52 | 13 | PASS |
| n77 | 30 | 90  | 650000 | 240@0 | DFT_QAM256 | 6.80 | 13 | PASS |
| n77 | 30 | 90  | 677000 | 240@0 | DFT_BPSK   | 4.74 | 13 | PASS |
| n77 | 30 | 90  | 677000 | 240@0 | DFT_QPSK   | 5.85 | 13 | PASS |
| n77 | 30 | 90  | 677000 | 240@0 | DFT_QAM16  | 6.60 | 13 | PASS |
| n77 | 30 | 90  | 677000 | 240@0 | DFT_QAM64  | 6.88 | 13 | PASS |
| n77 | 30 | 90  | 677000 | 240@0 | DFT_QAM256 | 6.85 | 13 | PASS |
| n77 | 30 | 100 | 623334 | 270@0 | DFT_BPSK   | 4.78 | 13 | PASS |
| n77 | 30 | 100 | 623334 | 270@0 | DFT_QPSK   | 6.14 | 13 | PASS |
| n77 | 30 | 100 | 623334 | 270@0 | DFT_QAM16  | 6.83 | 13 | PASS |
| n77 | 30 | 100 | 623334 | 270@0 | DFT_QAM64  | 6.91 | 13 | PASS |
| n77 | 30 | 100 | 623334 | 270@0 | DFT_QAM256 | 7.22 | 13 | PASS |
| n77 | 30 | 100 | 650000 | 270@0 | DFT_BPSK   | 5.53 | 13 | PASS |
| n77 | 30 | 100 | 650000 | 270@0 | DFT_QPSK   | 5.63 | 13 | PASS |
| n77 | 30 | 100 | 650000 | 270@0 | DFT_QAM16  | 6.55 | 13 | PASS |

|     |    |     |        |       |            |      |    |      |
|-----|----|-----|--------|-------|------------|------|----|------|
| n77 | 30 | 100 | 650000 | 270@0 | DFT_QAM64  | 6.50 | 13 | PASS |
| n77 | 30 | 100 | 650000 | 270@0 | DFT_QAM256 | 6.60 | 13 | PASS |
| n77 | 30 | 100 | 676666 | 270@0 | DFT_BPSK   | 5.37 | 13 | PASS |
| n77 | 30 | 100 | 676666 | 270@0 | DFT_QPSK   | 6.08 | 13 | PASS |
| n77 | 30 | 100 | 676666 | 270@0 | DFT_QAM16  | 6.49 | 13 | PASS |
| n77 | 30 | 100 | 676666 | 270@0 | DFT_QAM64  | 6.72 | 13 | PASS |
| n77 | 30 | 100 | 676666 | 270@0 | DFT_QAM256 | 6.64 | 13 | PASS |

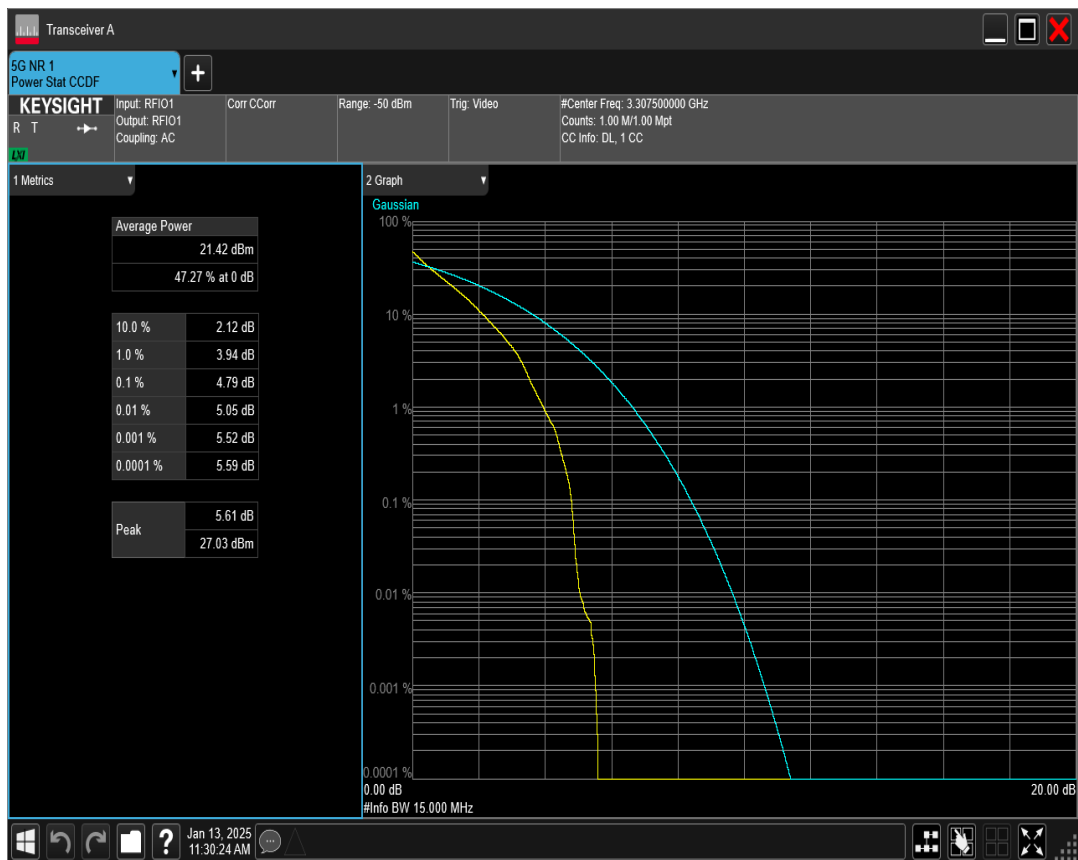
**n77 SCS=30kHz DFT\_BPSK BW=10MHz Channel=650000 RB=24@0**



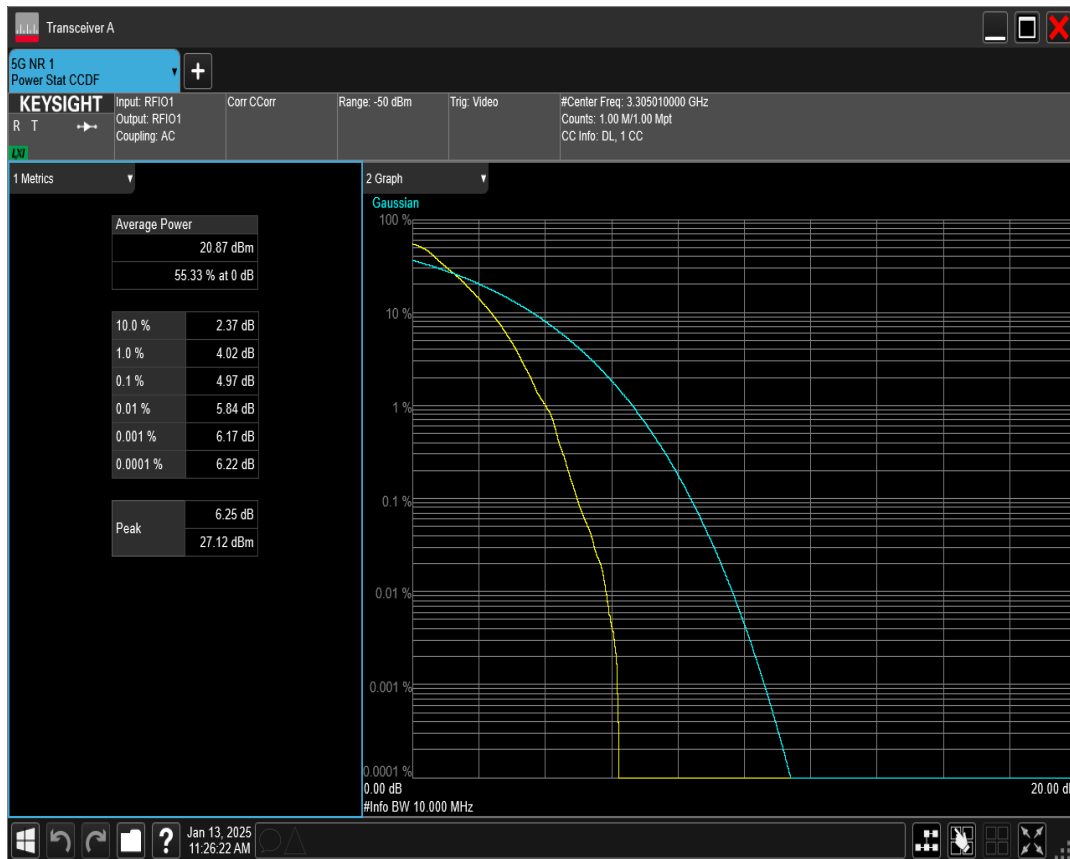
**n77 SCS=30kHz DFT\_BPSK BW=10MHz Channel=679666 RB=24@0**



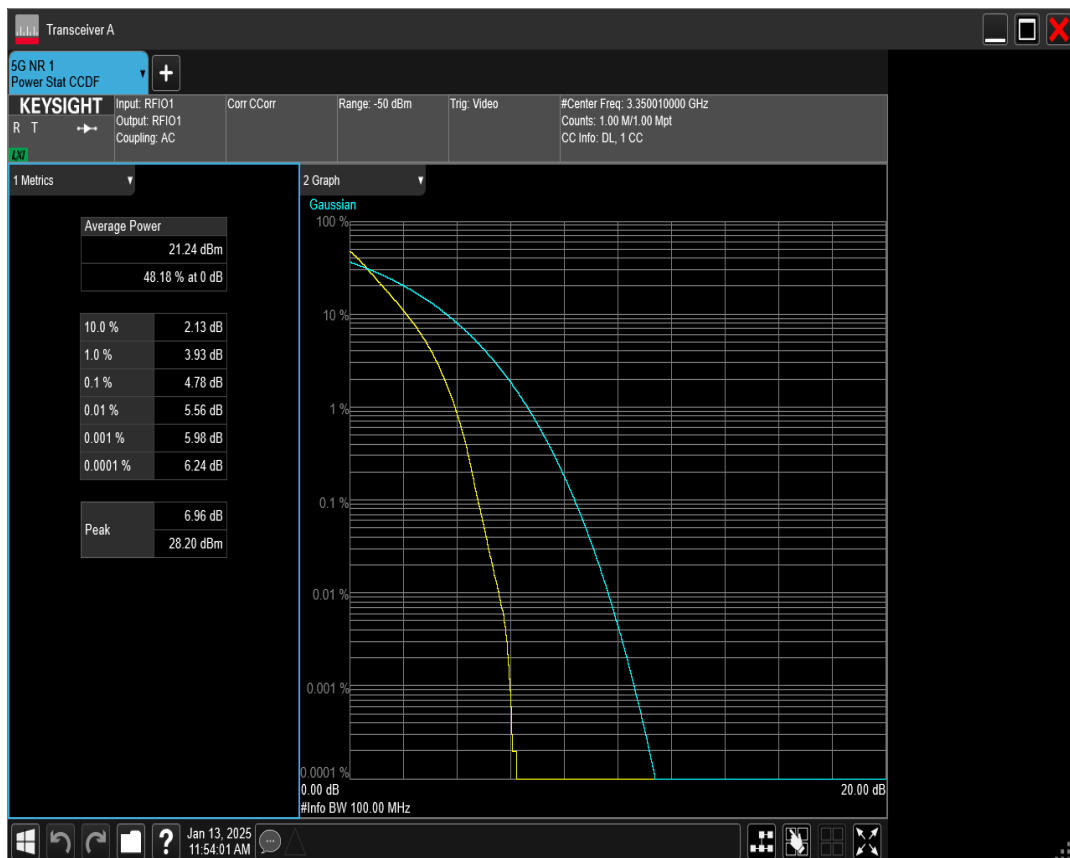
***n77 SCS=30kHz DFT\_BPSK BW=15MHz Channel=620500 RB=36@0***



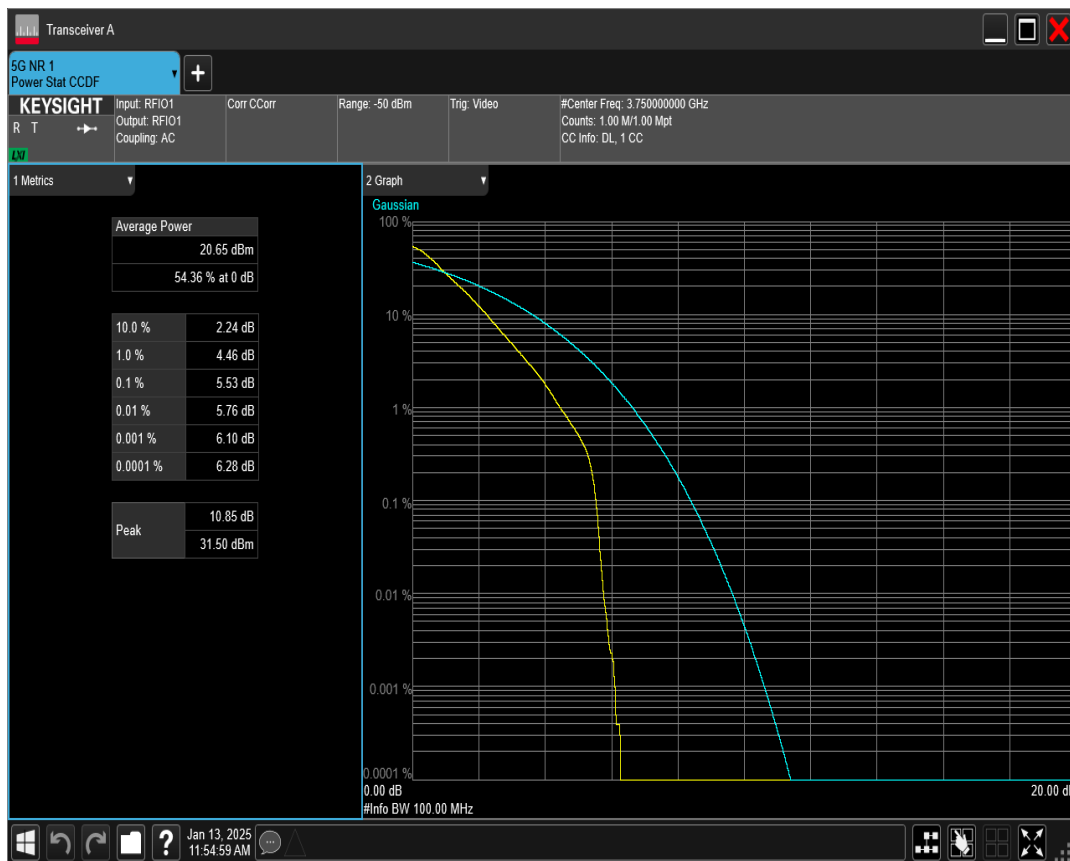
***n77 SCS=30kHz DFT\_BPSK BW=10MHz Channel=620334 RB=24@0***



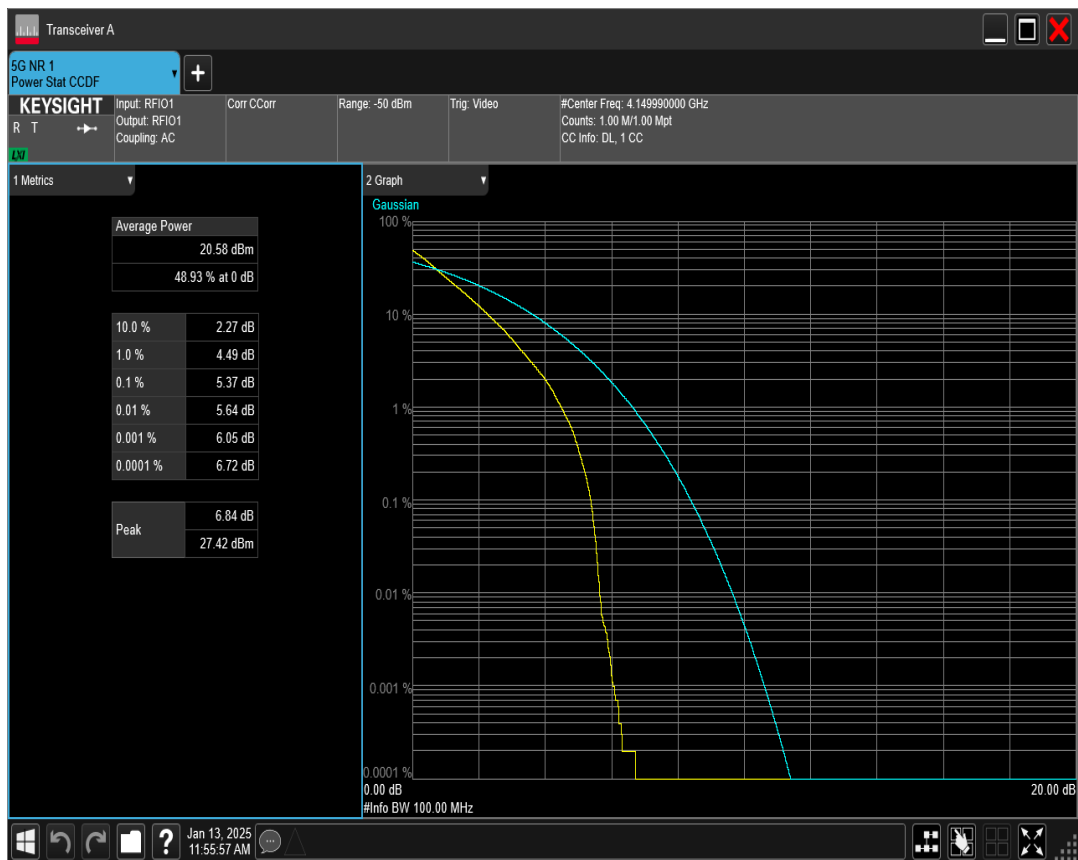
*n77 SCS=30kHz DFT\_BPSK BW=100MHz Channel=623334 RB=270@0*



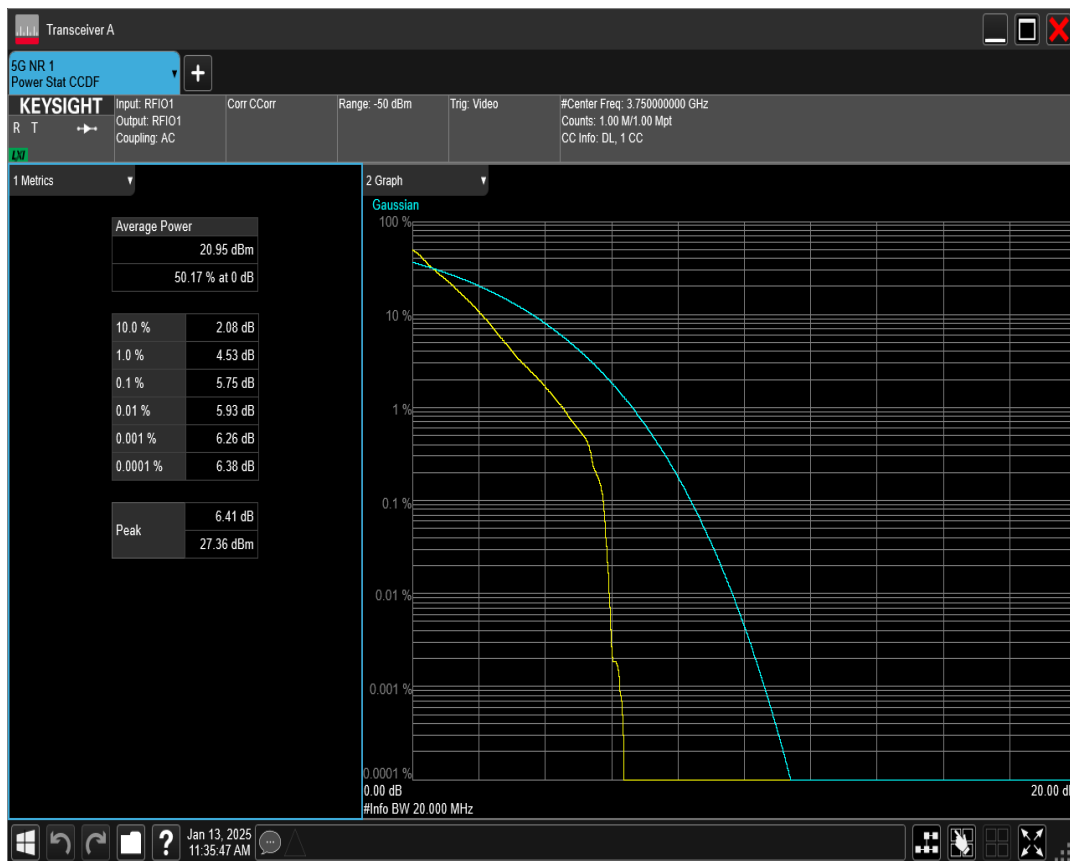
*n77 SCS=30kHz DFT\_BPSK BW=100MHz Channel=650000 RB=270@0*



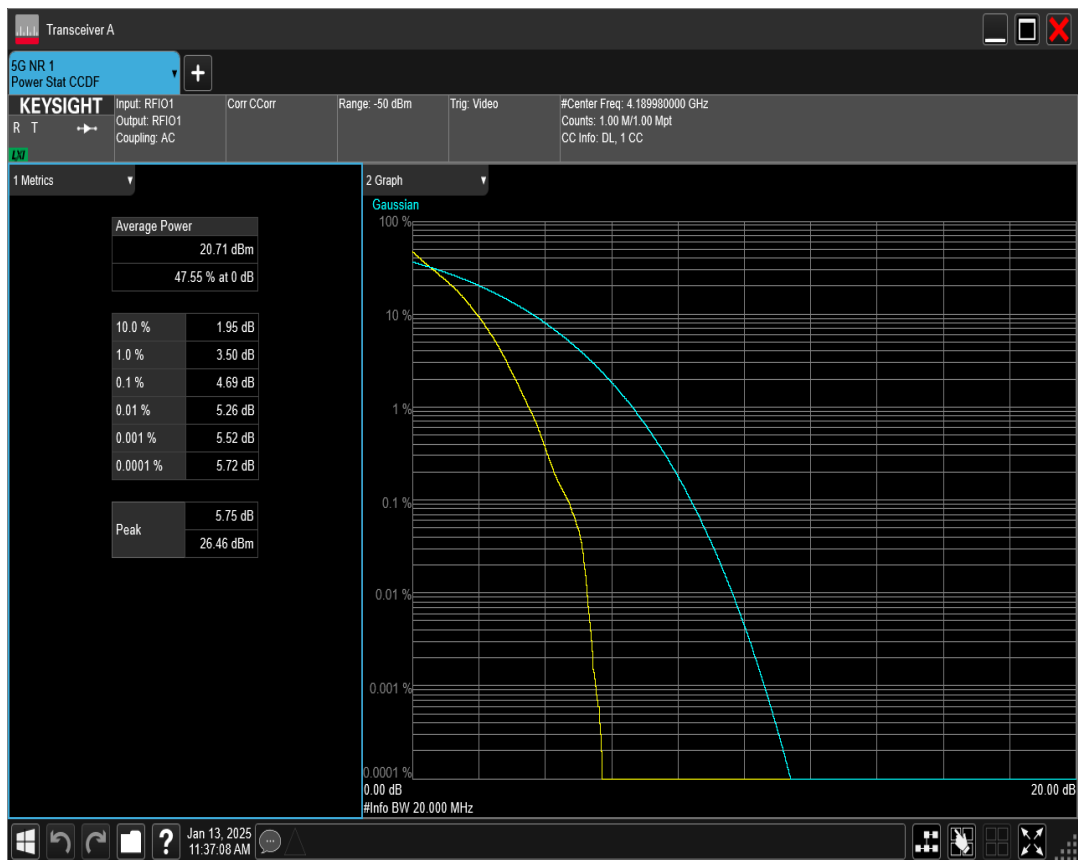
***n77 SCS=30kHz DFT\_BPSK BW=100MHz Channel=676666 RB=270@0***



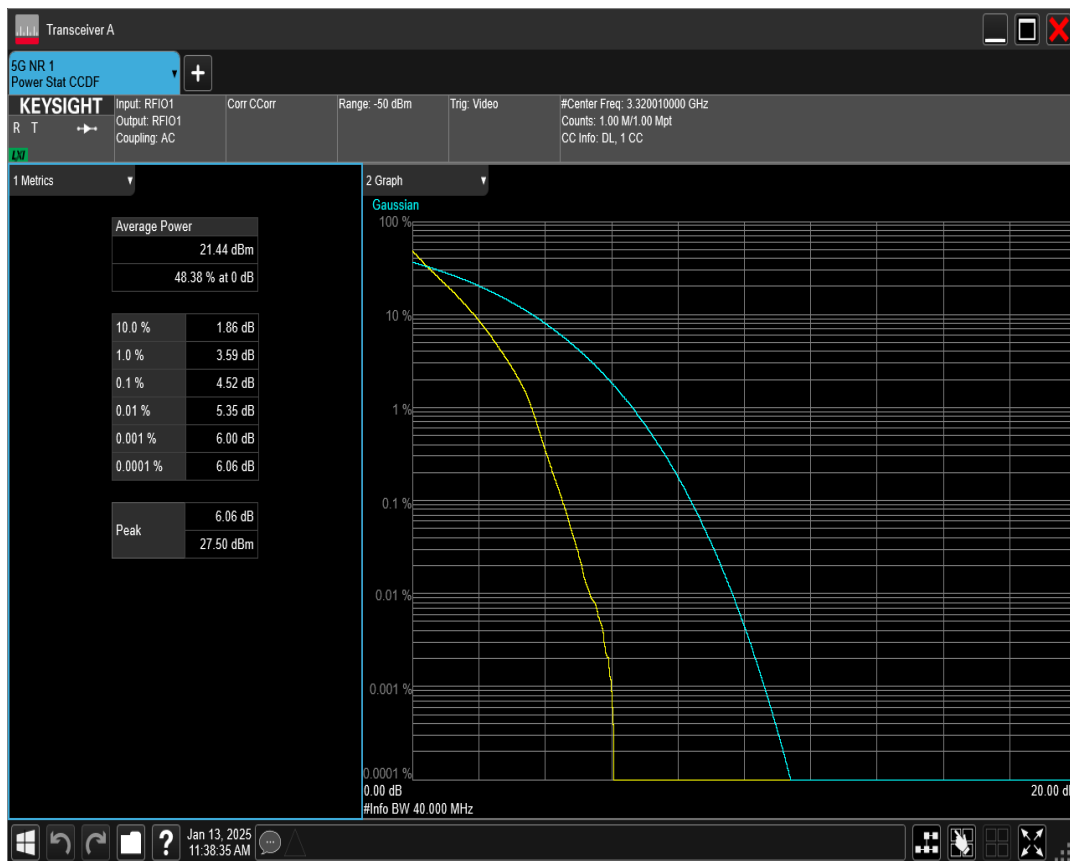
***n77 SCS=30kHz DFT\_BPSK BW=20MHz Channel=650000 RB=50@0***



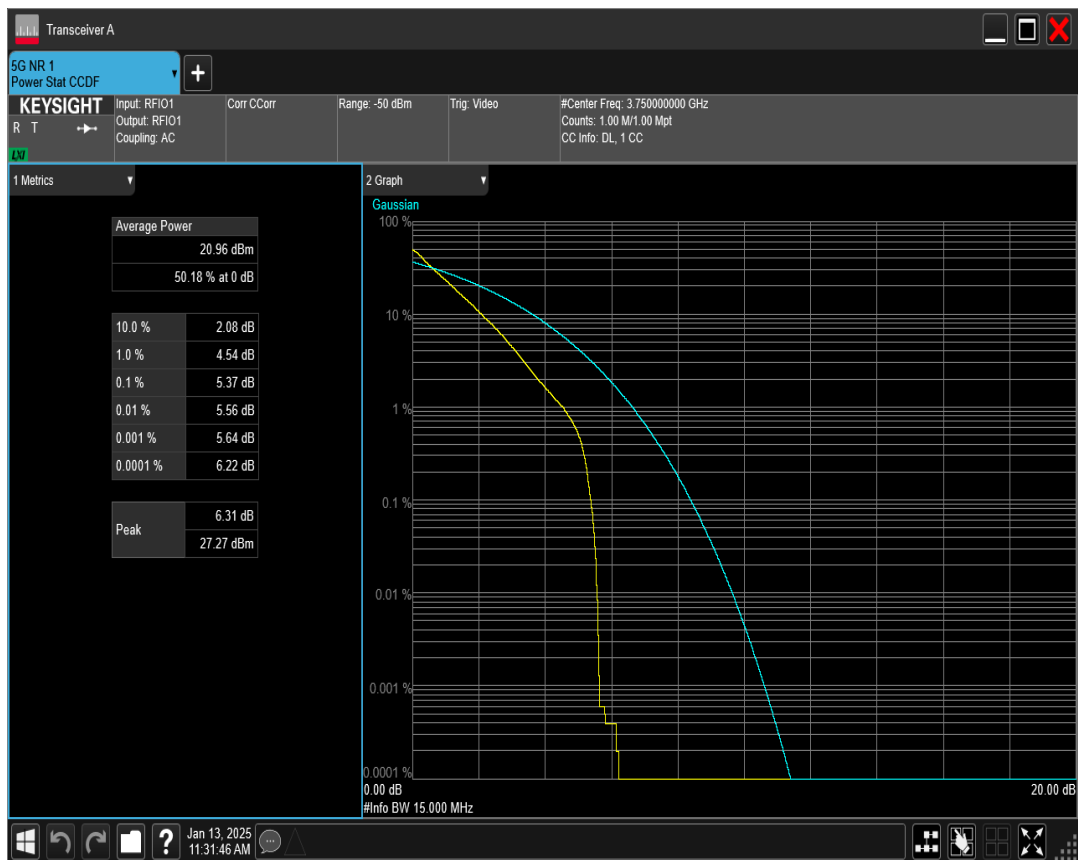
*n77 SCS=30kHz DFT\_BPSK BW=20MHz Channel=679332 RB=50@0*



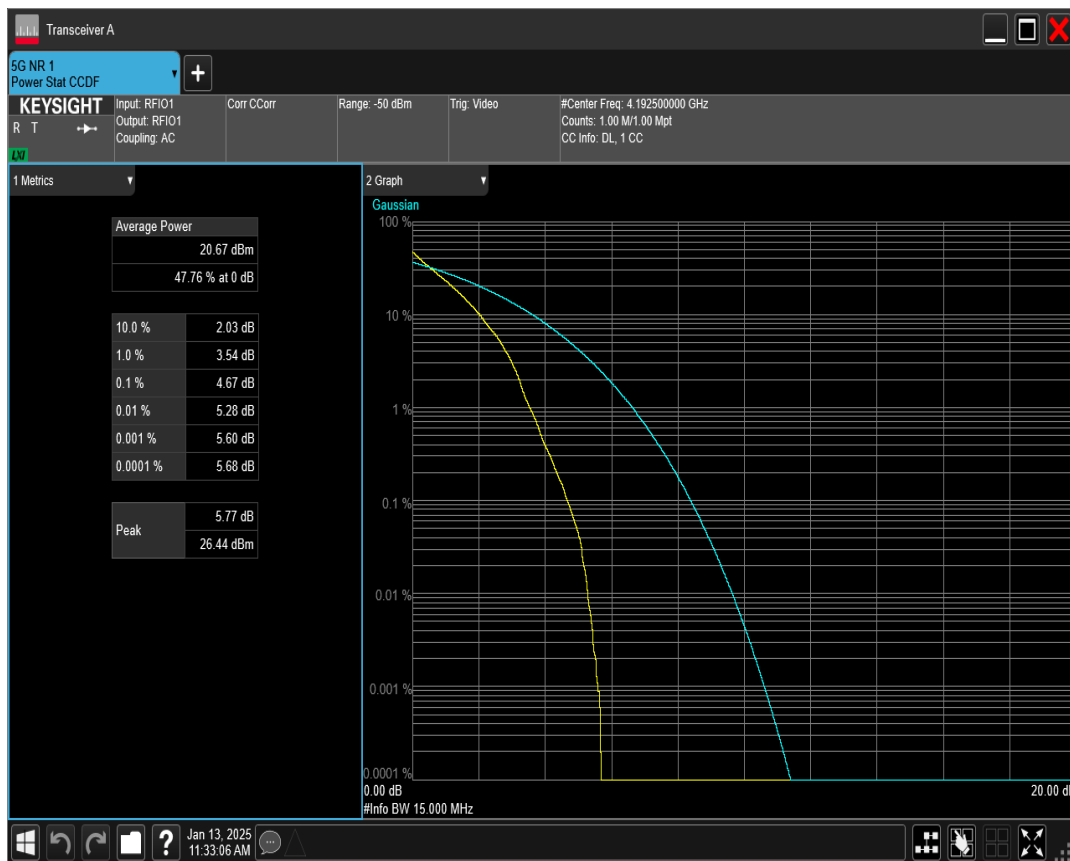
*n77 SCS=30kHz DFT\_BPSK BW=40MHz Channel=621334 RB=100@0*



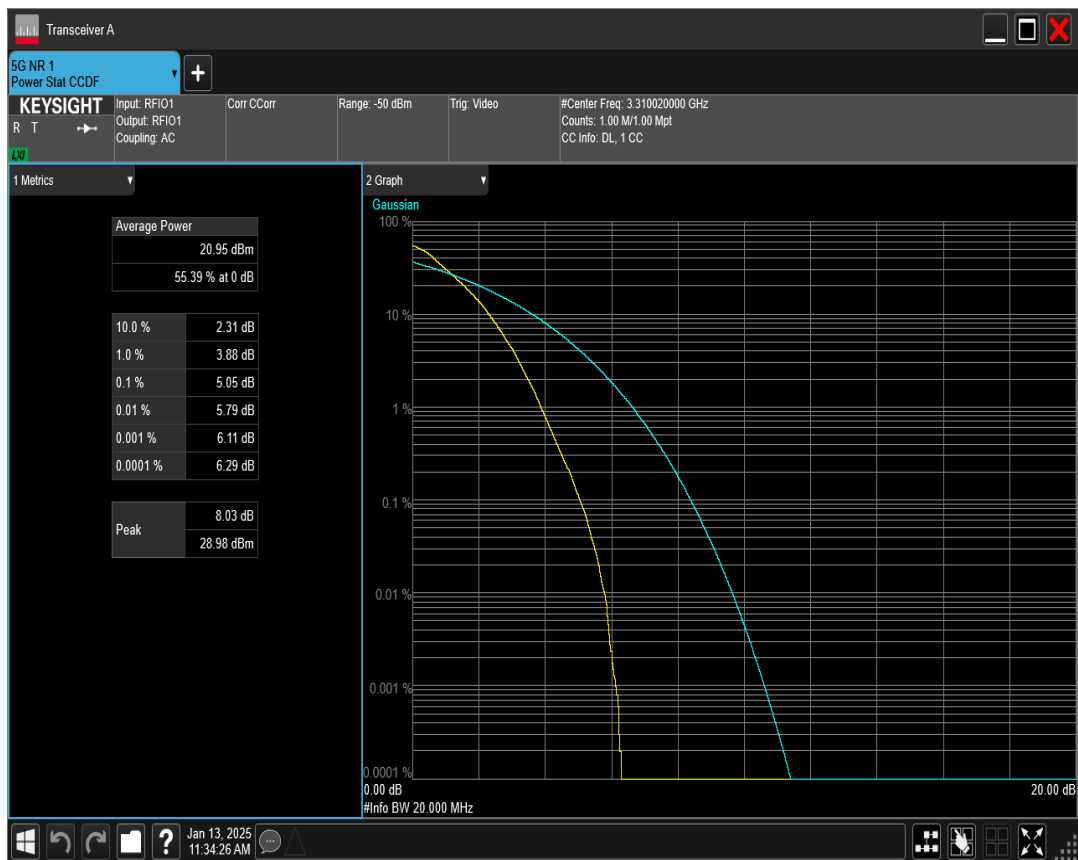
***n77 SCS=30kHz DFT\_BPSK BW=15MHz Channel=650000 RB=36@0***



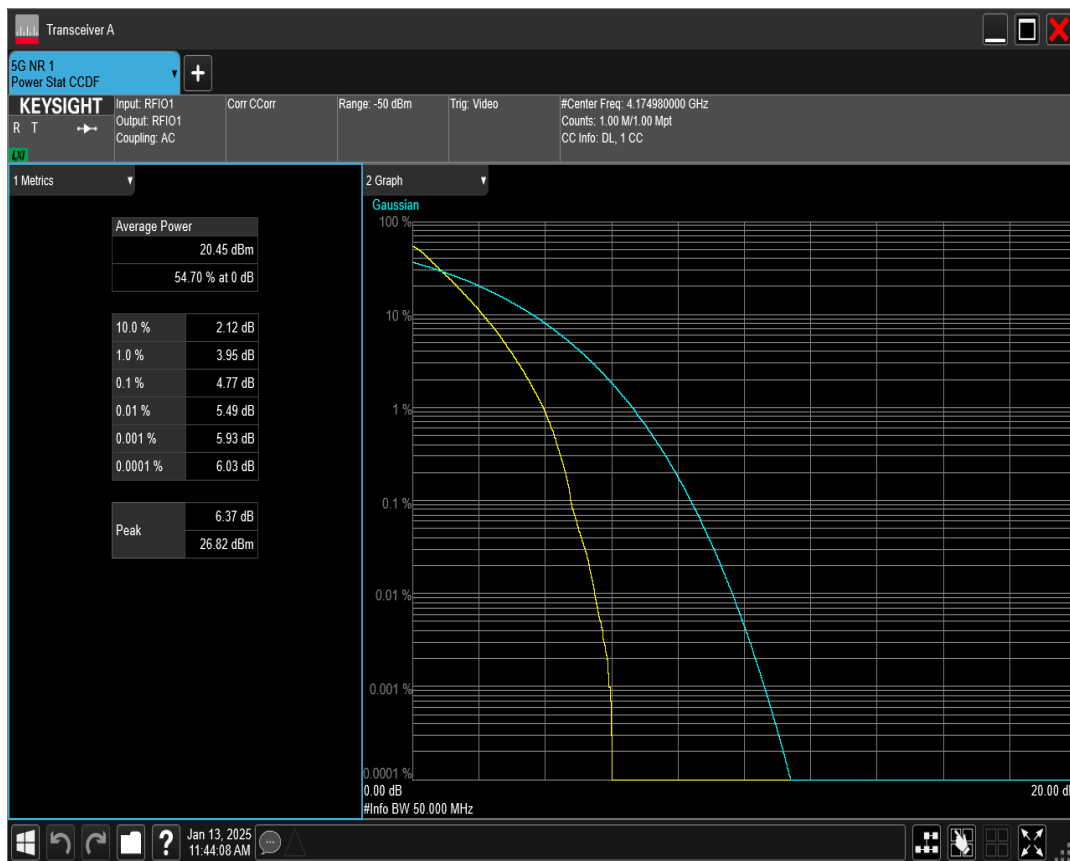
***n77 SCS=30kHz DFT\_BPSK BW=15MHz Channel=679500 RB=36@0***



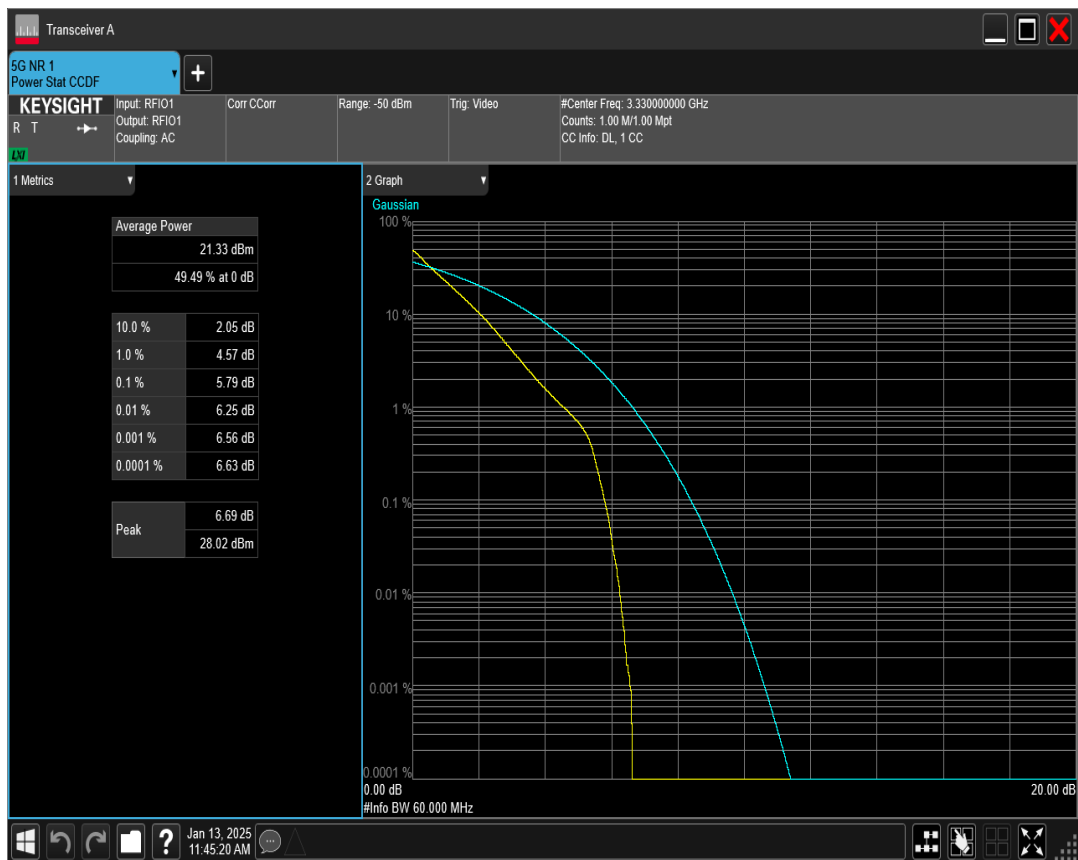
*n77 SCS=30kHz DFT\_BPSK BW=20MHz Channel=620668 RB=50@0*



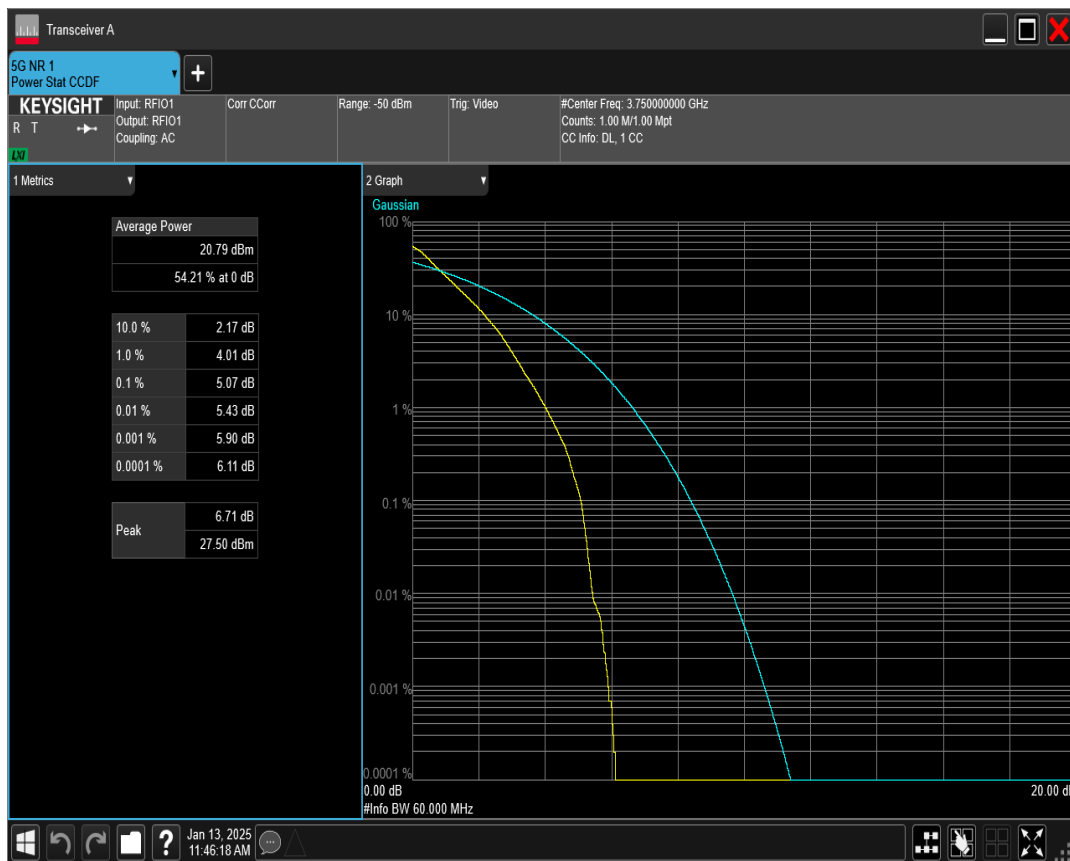
*n77 SCS=30kHz DFT\_BPSK BW=50MHz Channel=678332 RB=128@0*



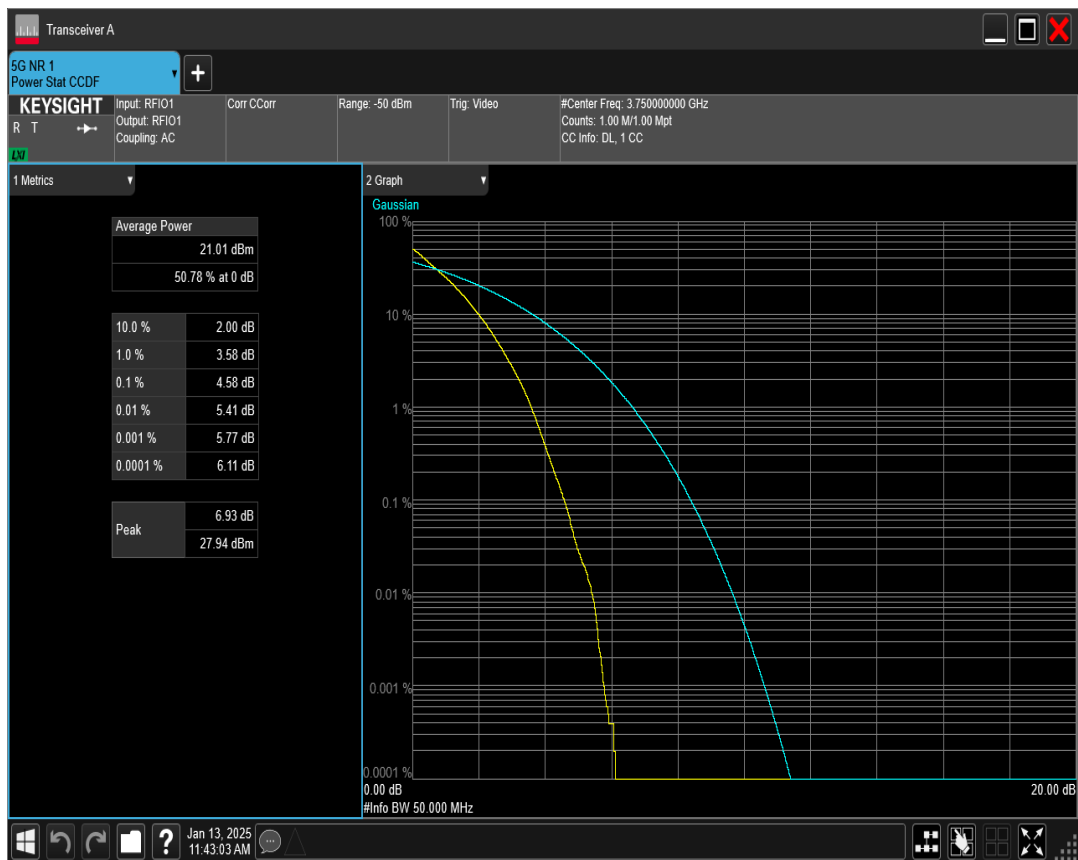
*n77 SCS=30kHz DFT\_BPSK BW=60MHz Channel=622000 RB=162@0*



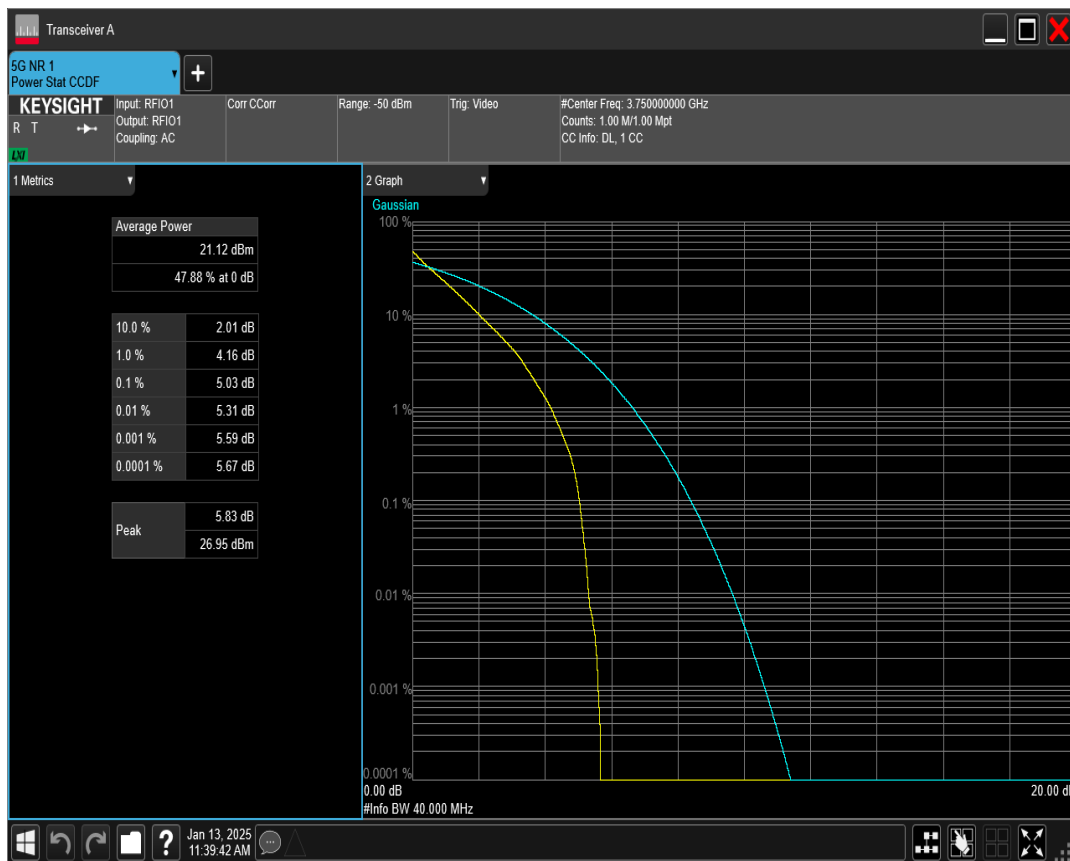
*n77 SCS=30kHz DFT\_BPSK BW=60MHz Channel=650000 RB=162@0*



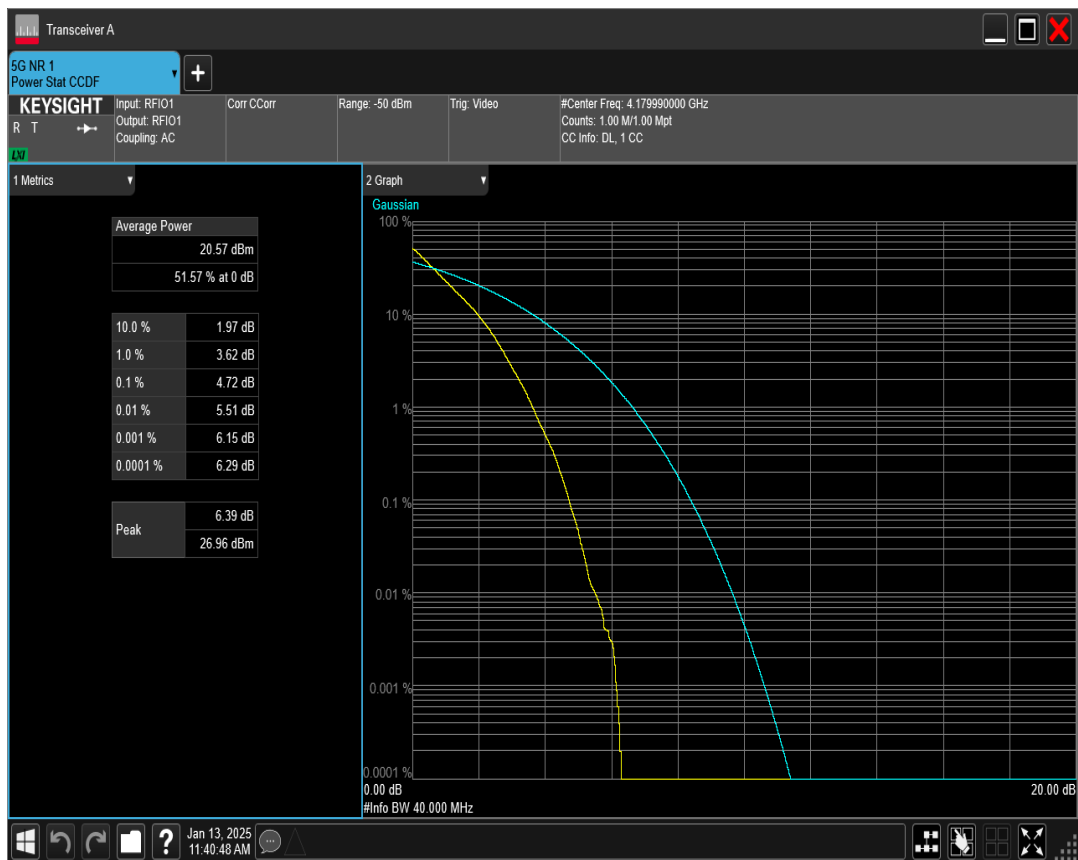
*n77 SCS=30kHz DFT\_BPSK BW=50MHz Channel=650000 RB=128@0*



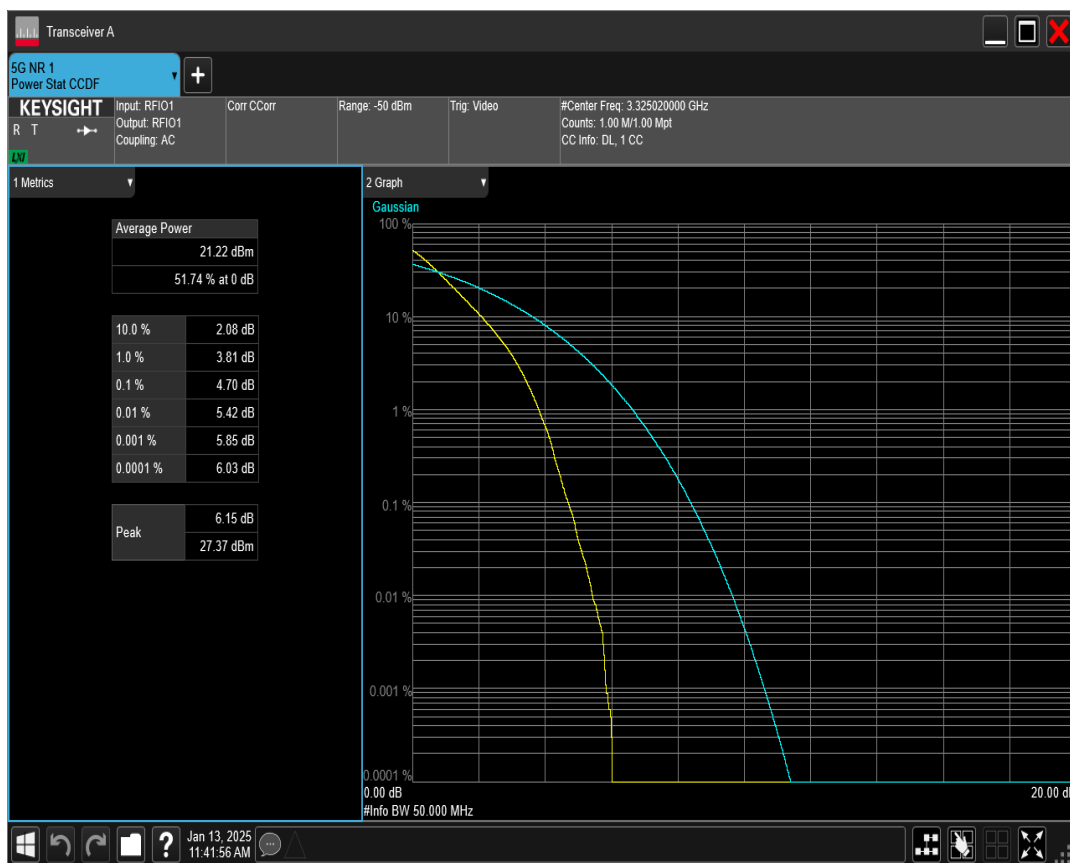
*n77 SCS=30kHz DFT\_BPSK BW=40MHz Channel=650000 RB=100@0*



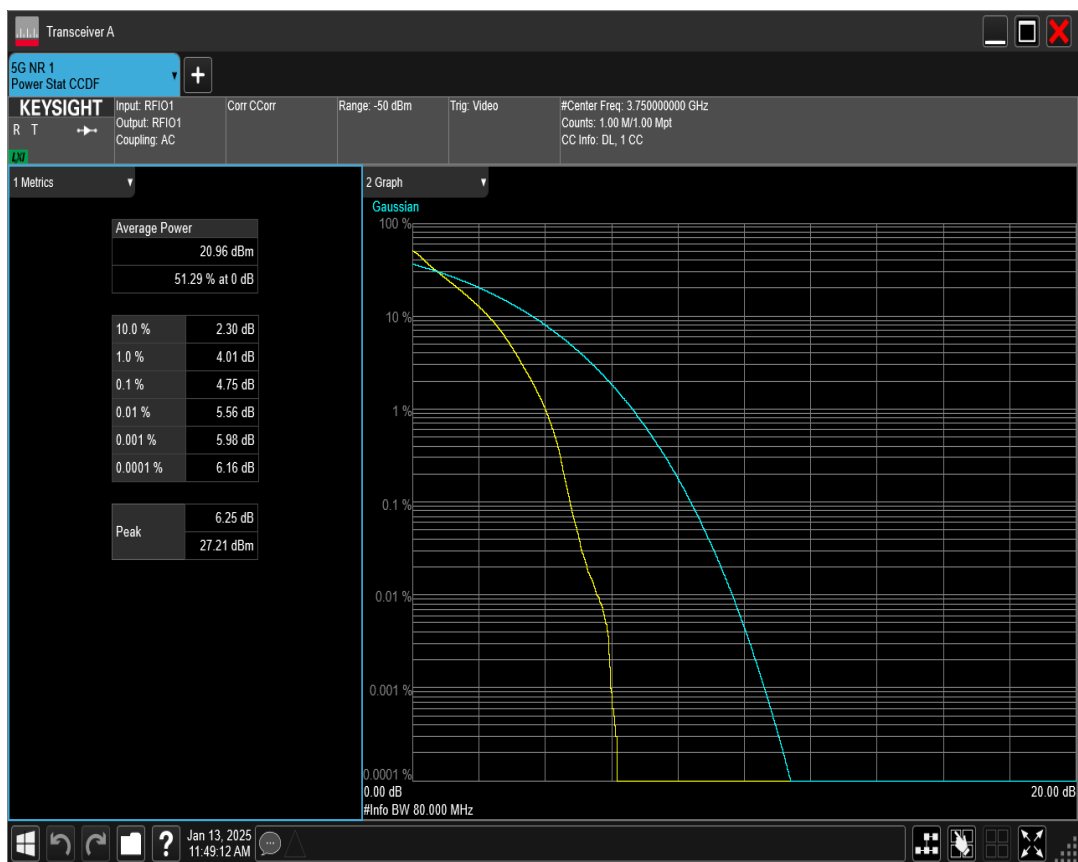
*n77 SCS=30kHz DFT\_BPSK BW=40MHz Channel=678666 RB=100@0*



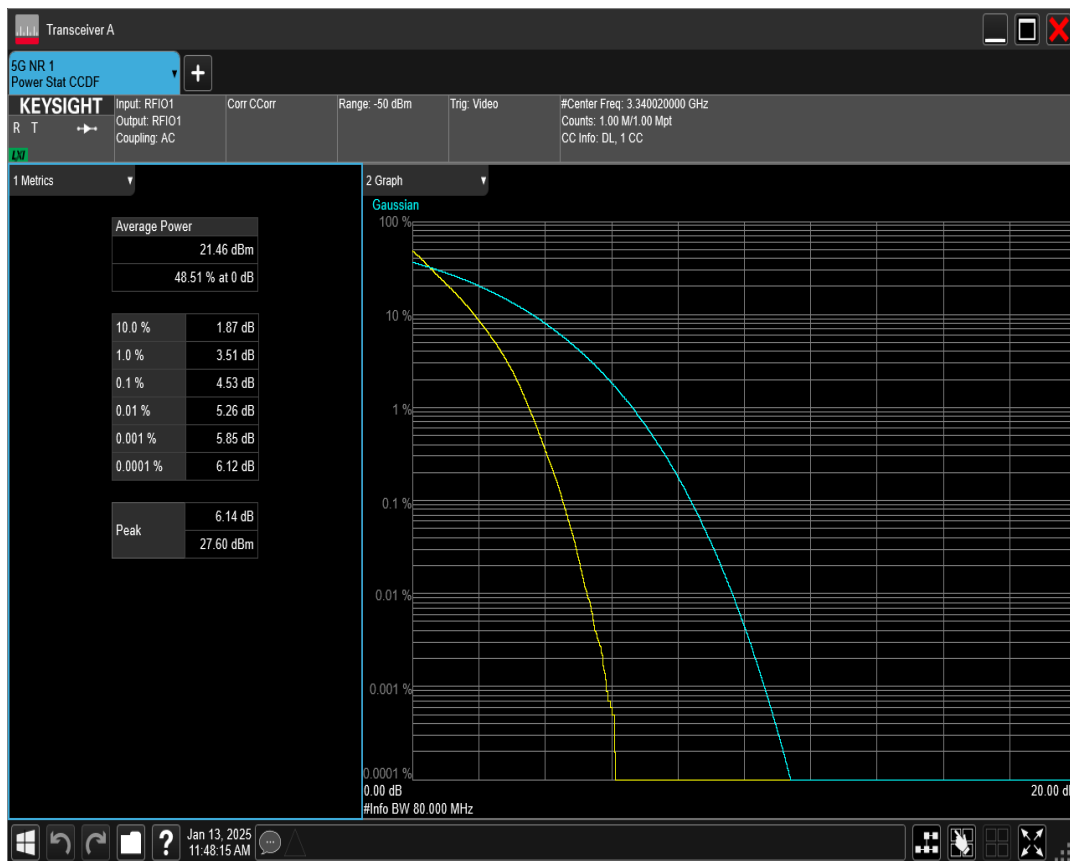
*n77 SCS=30kHz DFT\_BPSK BW=50MHz Channel=621668 RB=128@0*



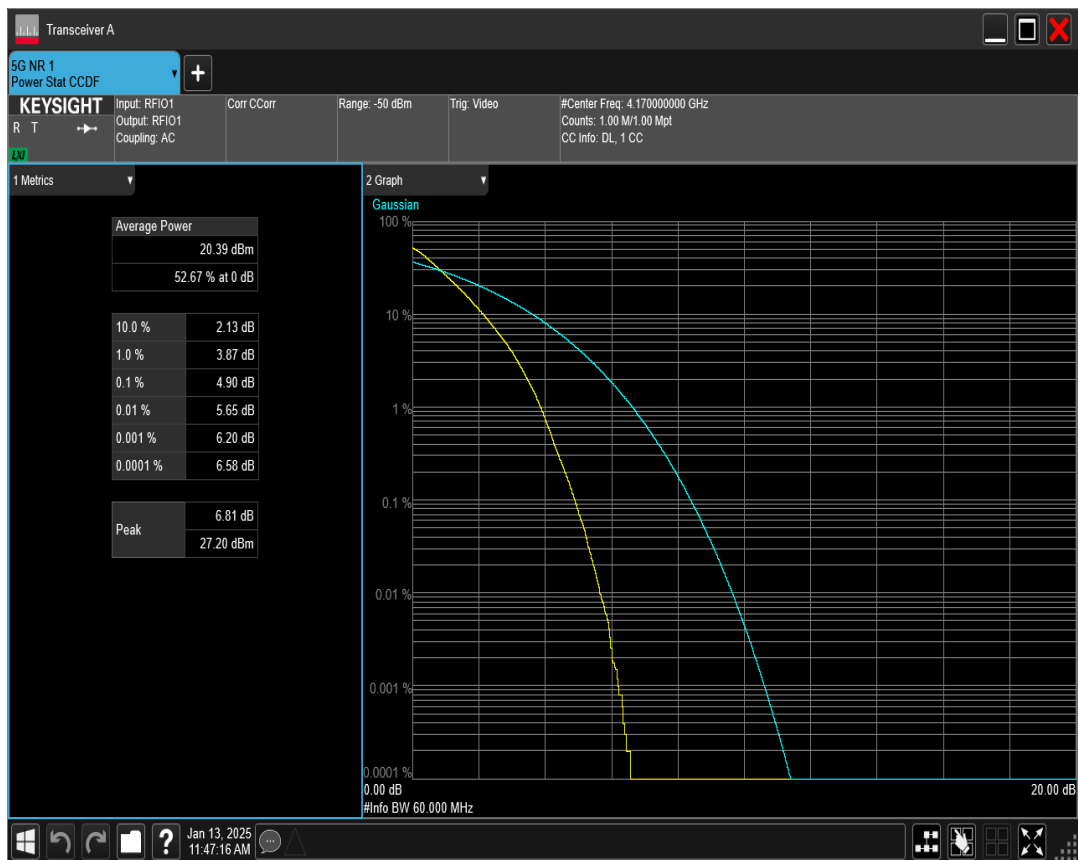
*n77 SCS=30kHz DFT\_BPSK BW=80MHz Channel=650000 RB=216@0*



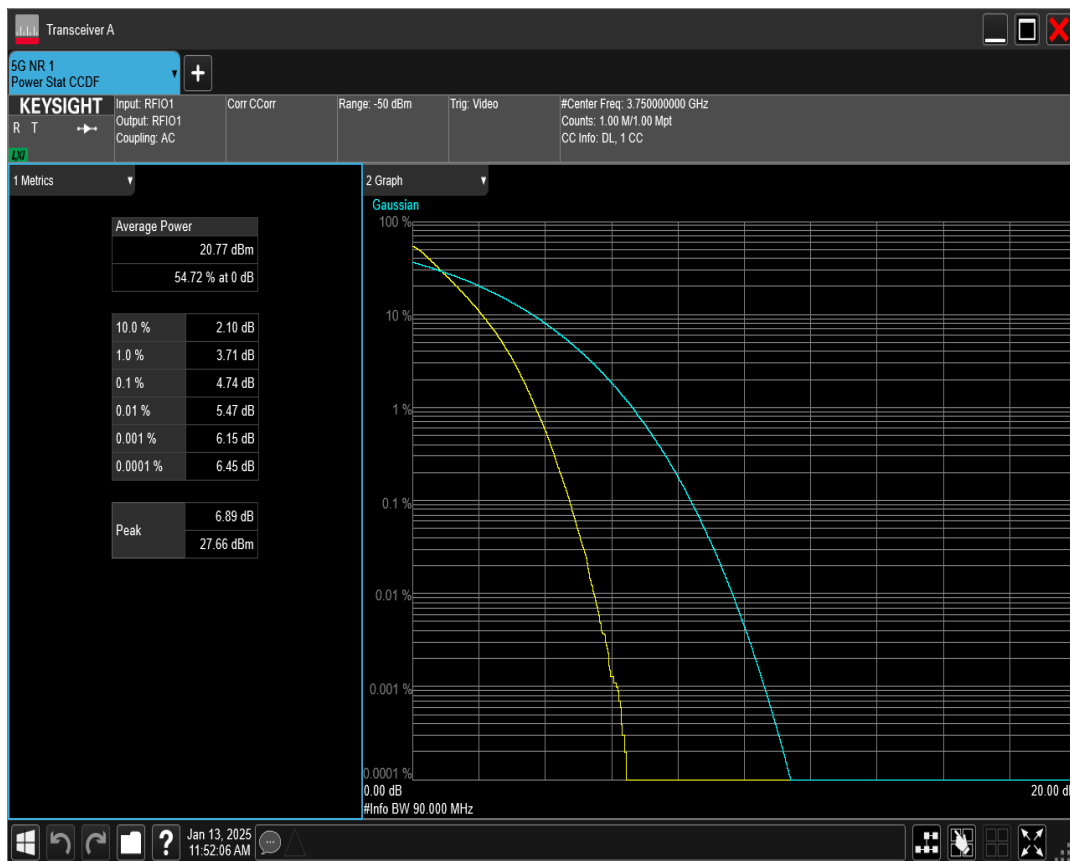
*n77 SCS=30kHz DFT\_BPSK BW=80MHz Channel=622668 RB=216@0*



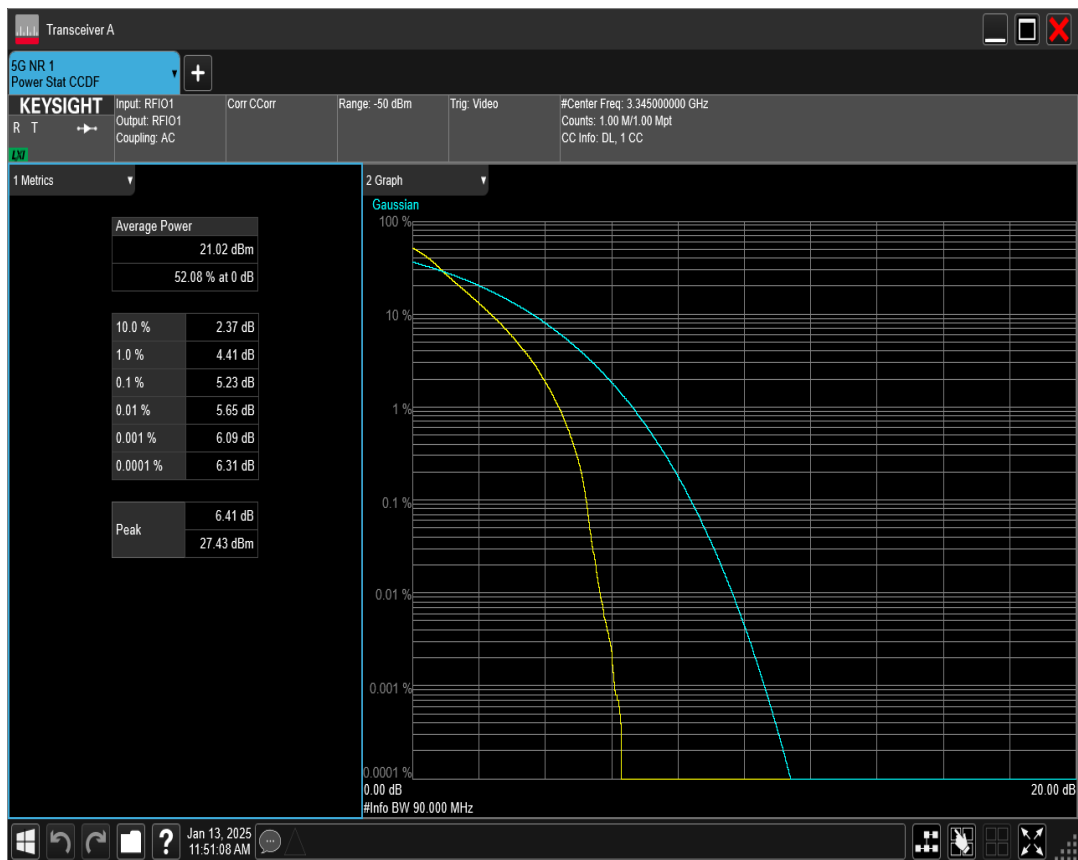
*n77 SCS=30kHz DFT\_BPSK BW=60MHz Channel=678000 RB=162@0*



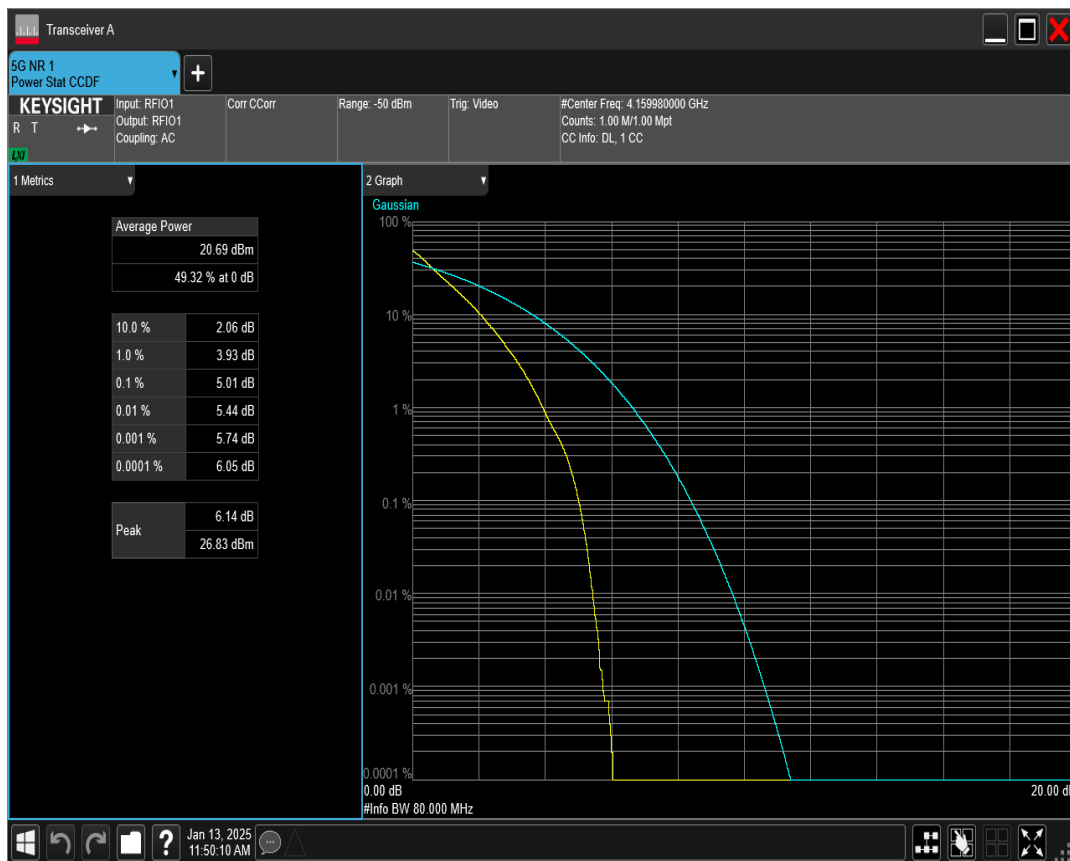
*n77 SCS=30kHz DFT\_BPSK BW=90MHz Channel=650000 RB=240@0*



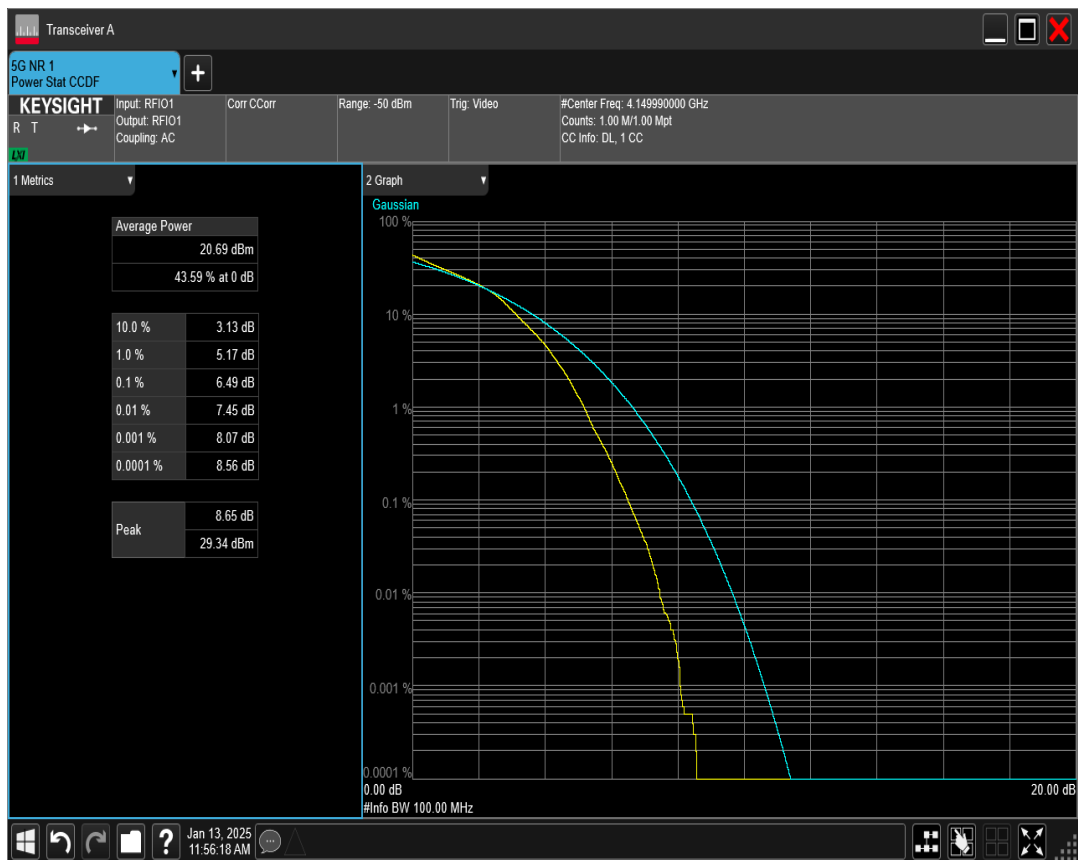
*n77 SCS=30kHz DFT\_BPSK BW=90MHz Channel=623000 RB=240@0*



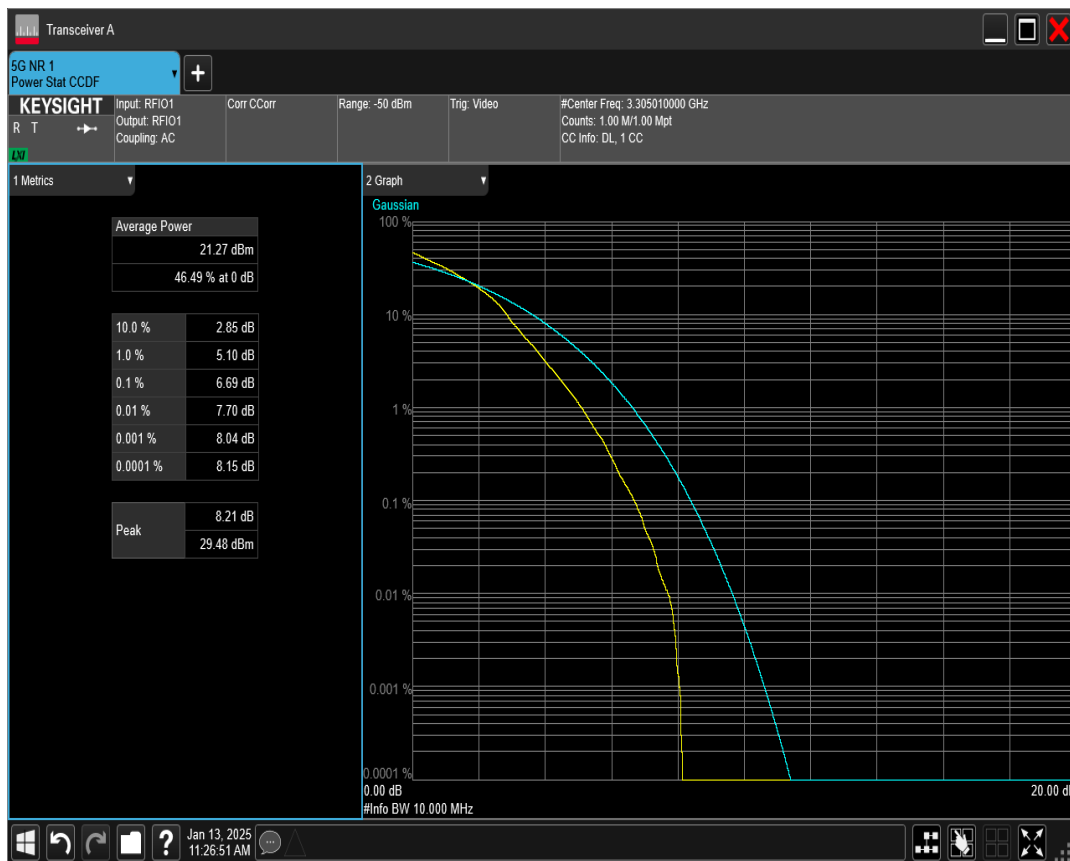
*n77 SCS=30kHz DFT\_BPSK BW=80MHz Channel=677332 RB=216@0*



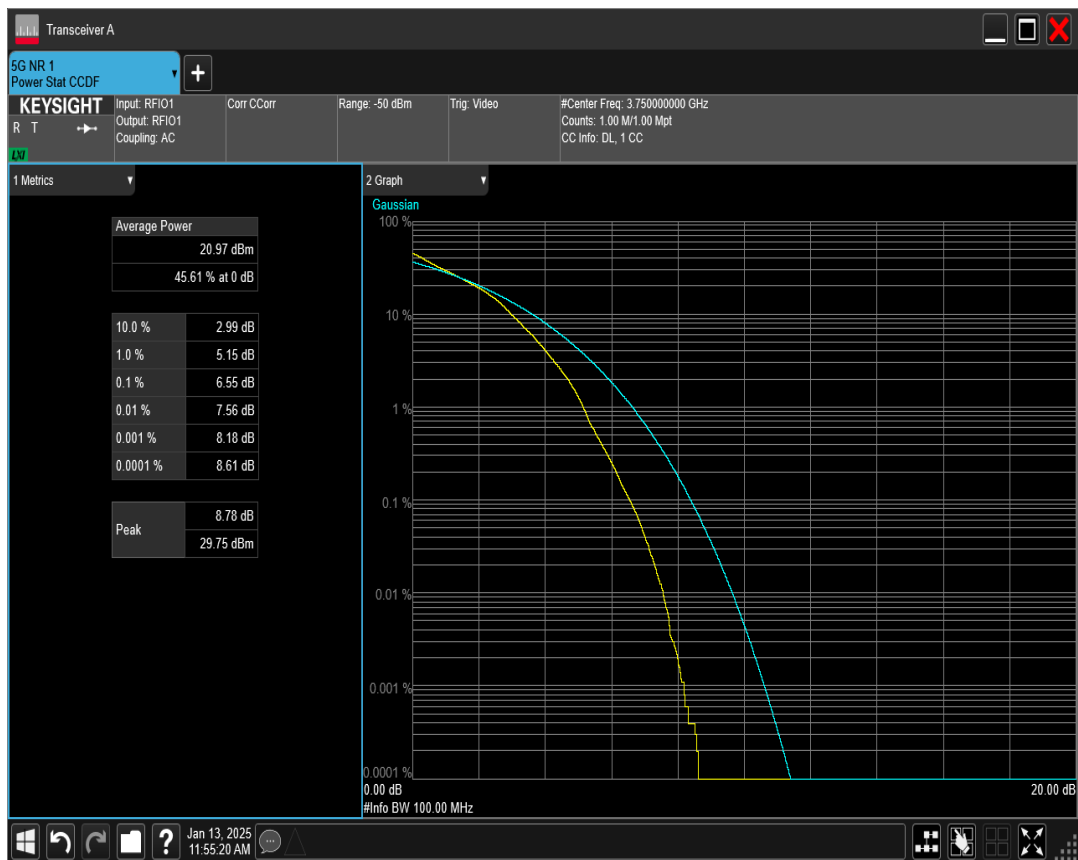
***n77 SCS=30kHz DFT\_QAM16 BW=100MHz Channel=676666 RB=270@0***



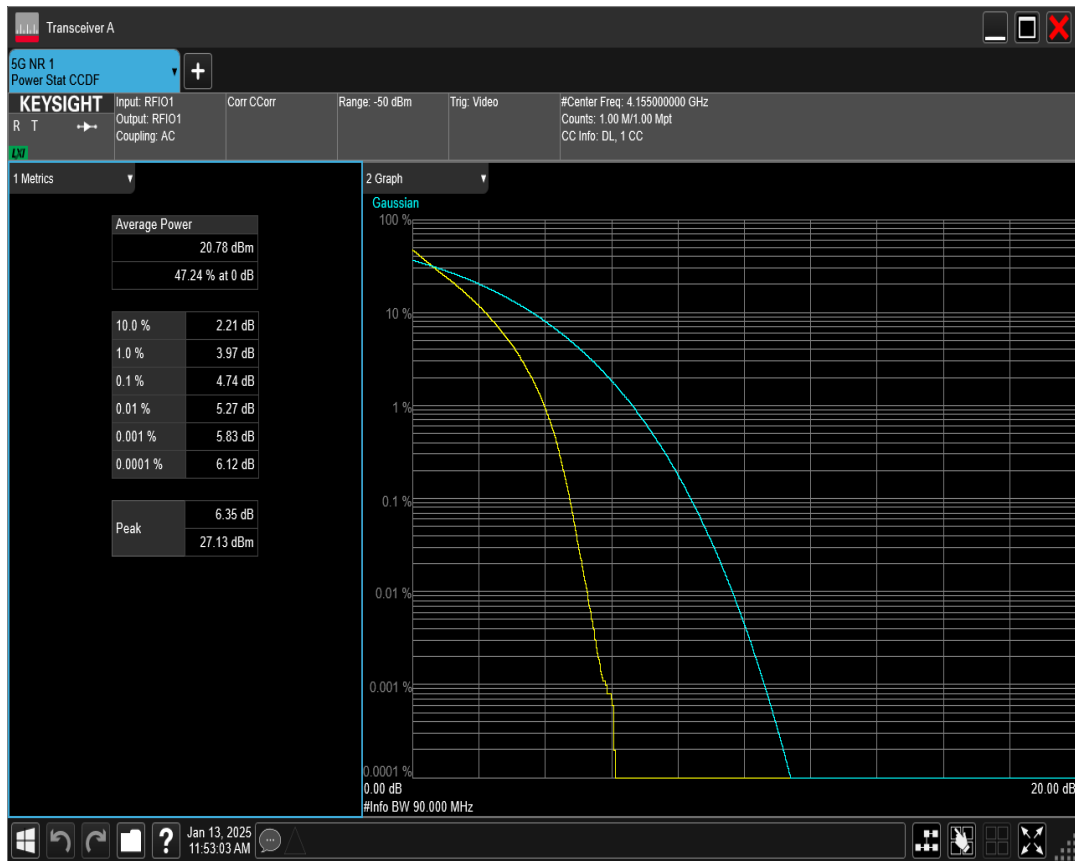
***n77 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=620334 RB=24@0***



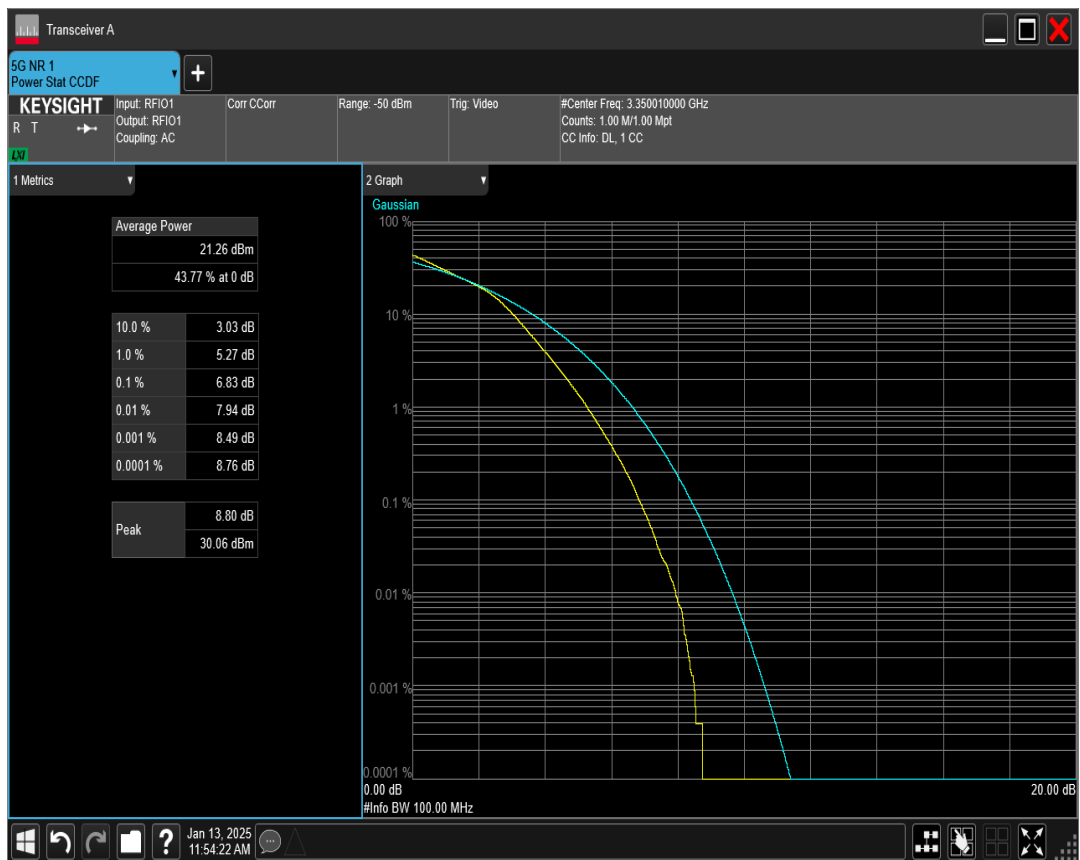
*n77 SCS=30kHz DFT\_QAM16 BW=100MHz Channel=650000 RB=270@0*



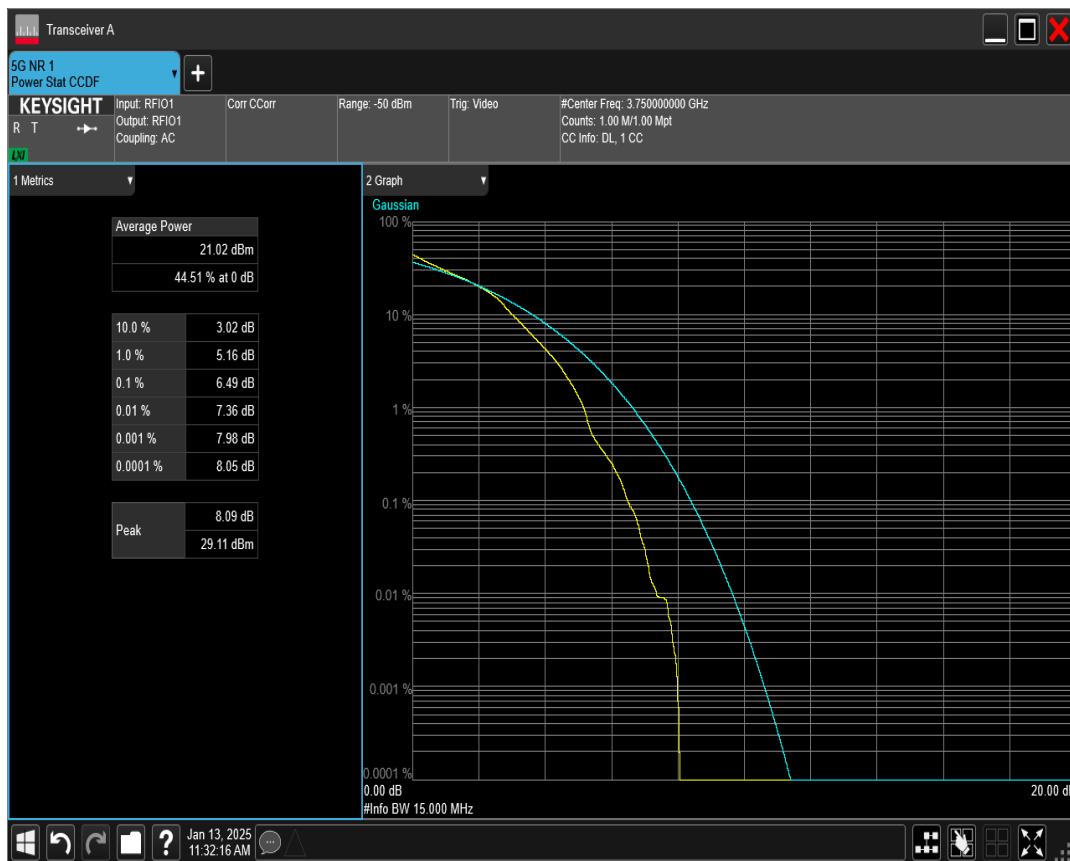
*n77 SCS=30kHz DFT\_BPSK BW=90MHz Channel=677000 RB=240@0*



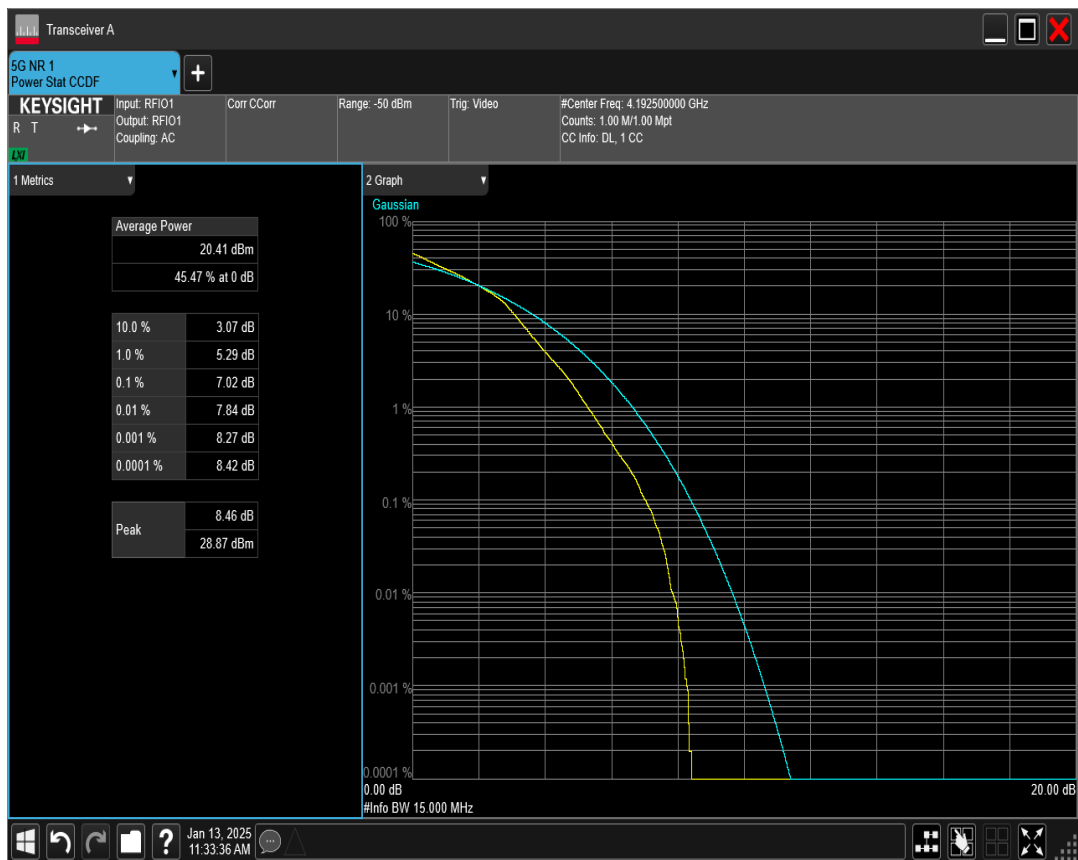
***n77 SCS=30kHz DFT\_QAM16 BW=100MHz Channel=623334 RB=270@0***



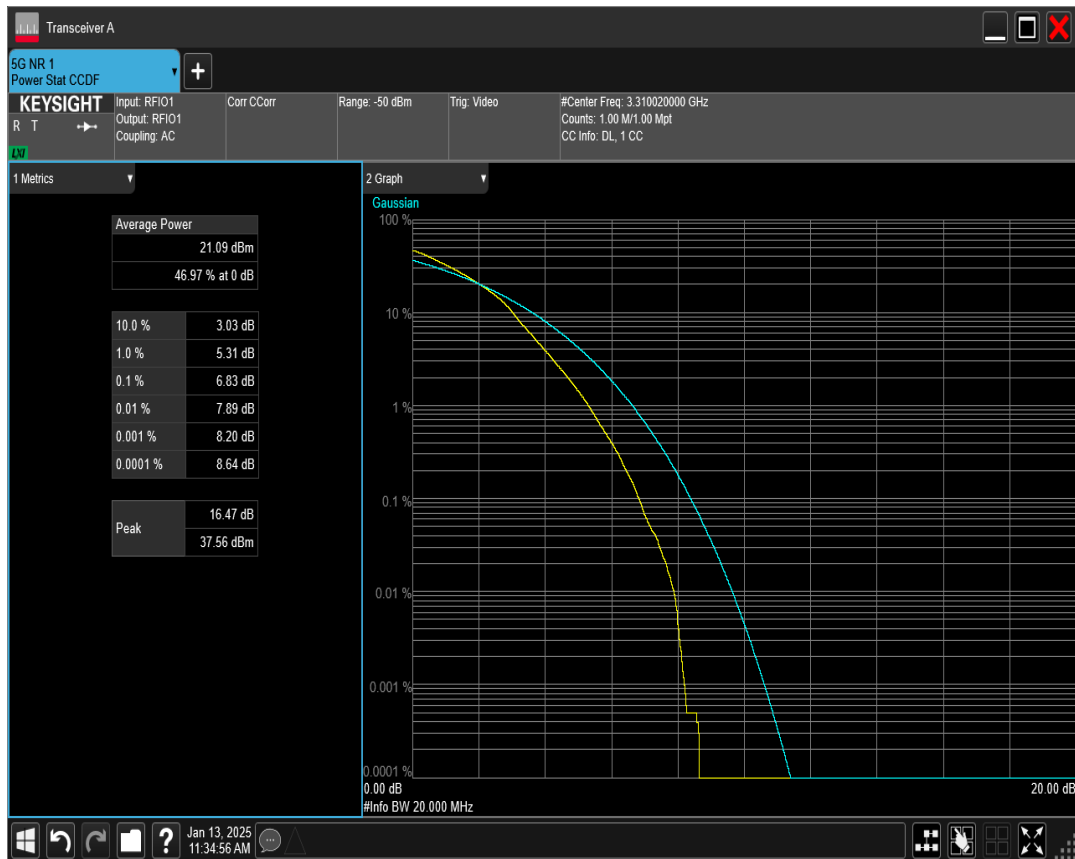
***n77 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=650000 RB=36@0***



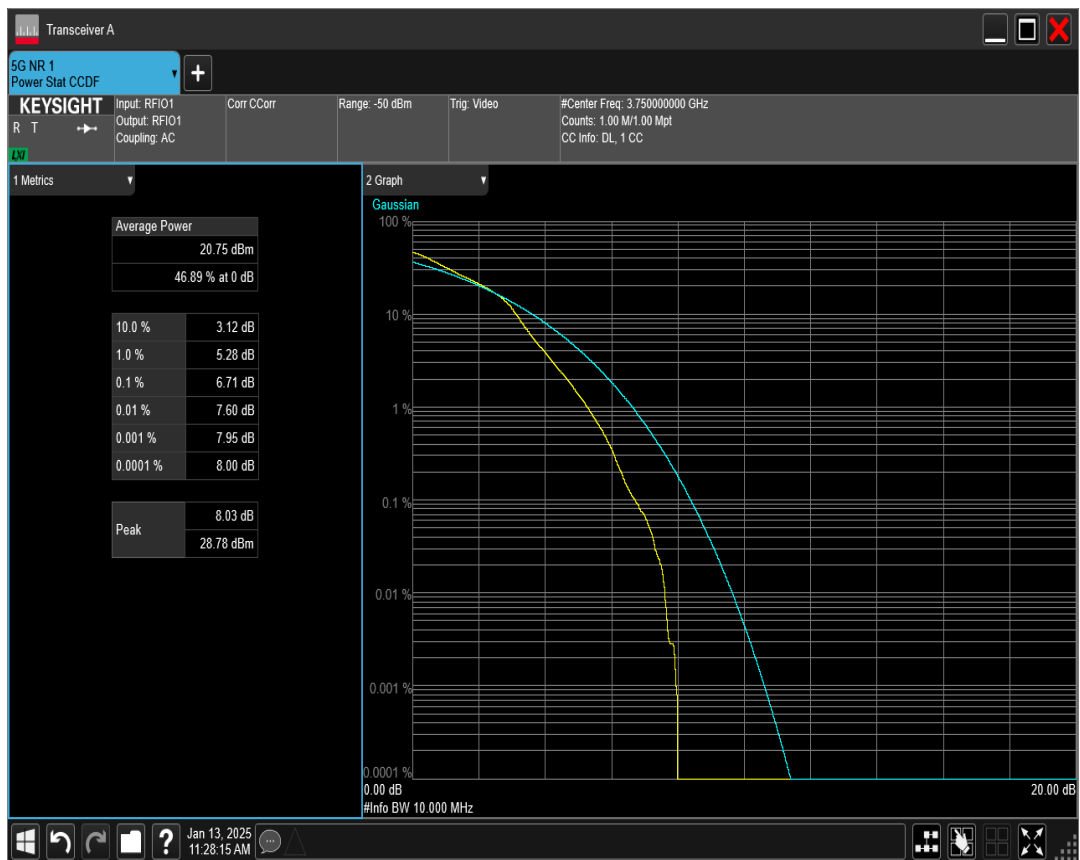
***n77 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=679500 RB=36@0***



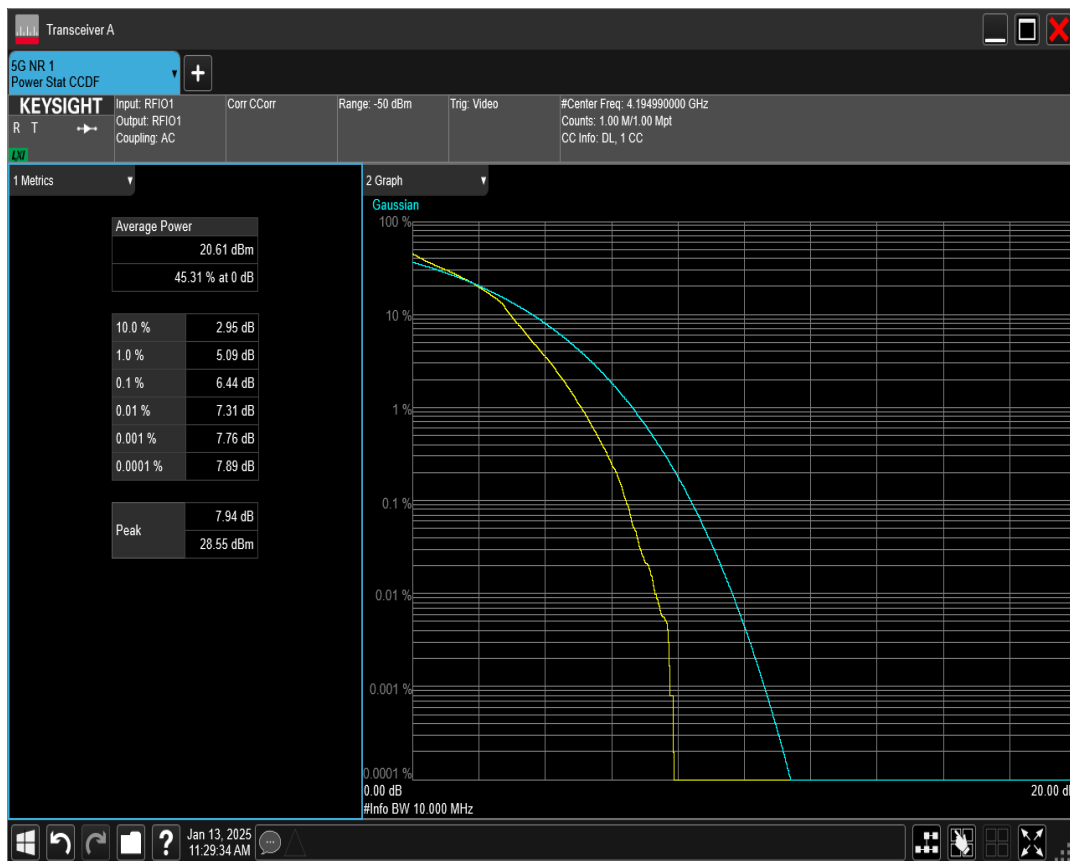
***n77 SCS=30kHz DFT\_QAM16 BW=20MHz Channel=620668 RB=50@0***



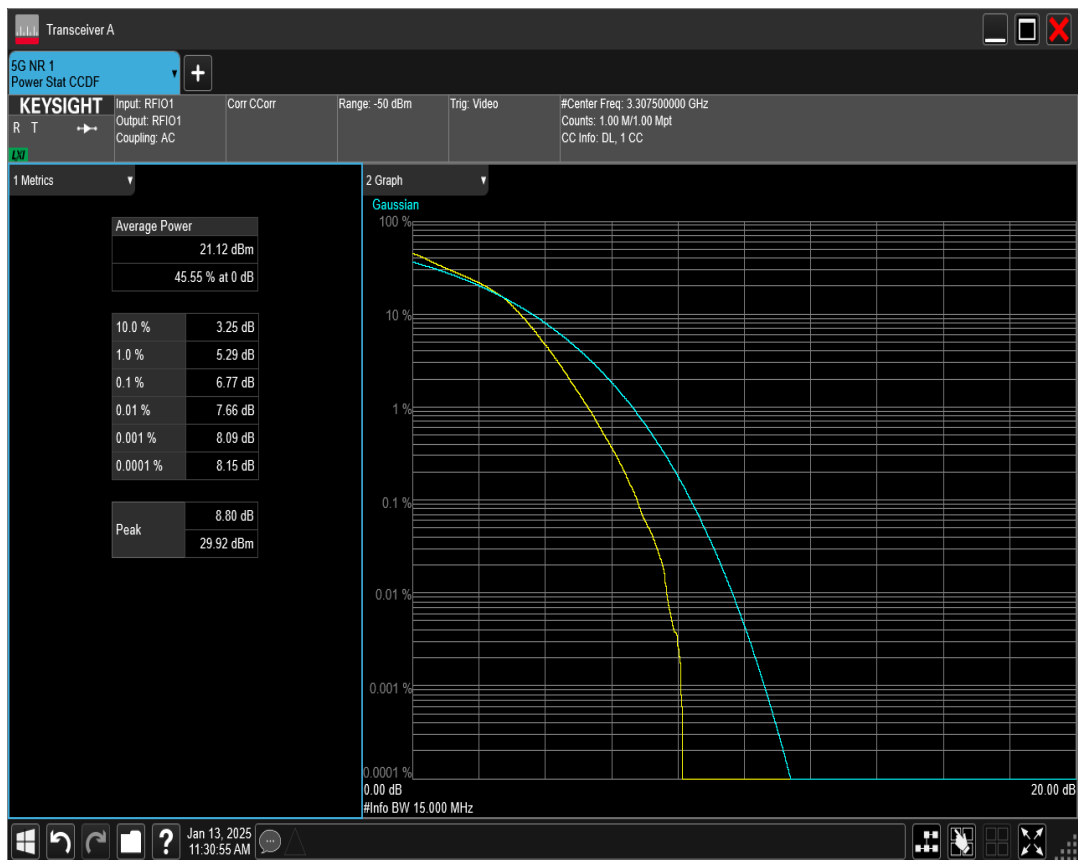
***n77 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=650000 RB=24@0***



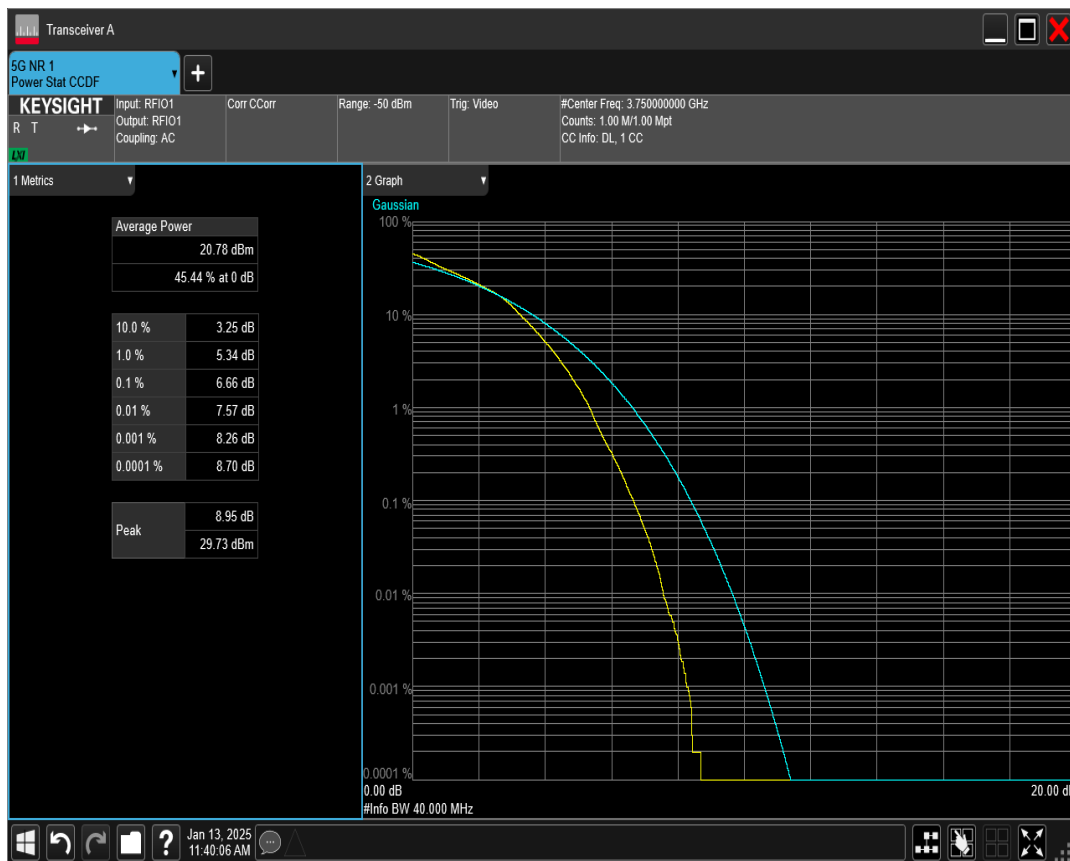
***n77 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=679666 RB=24@0***



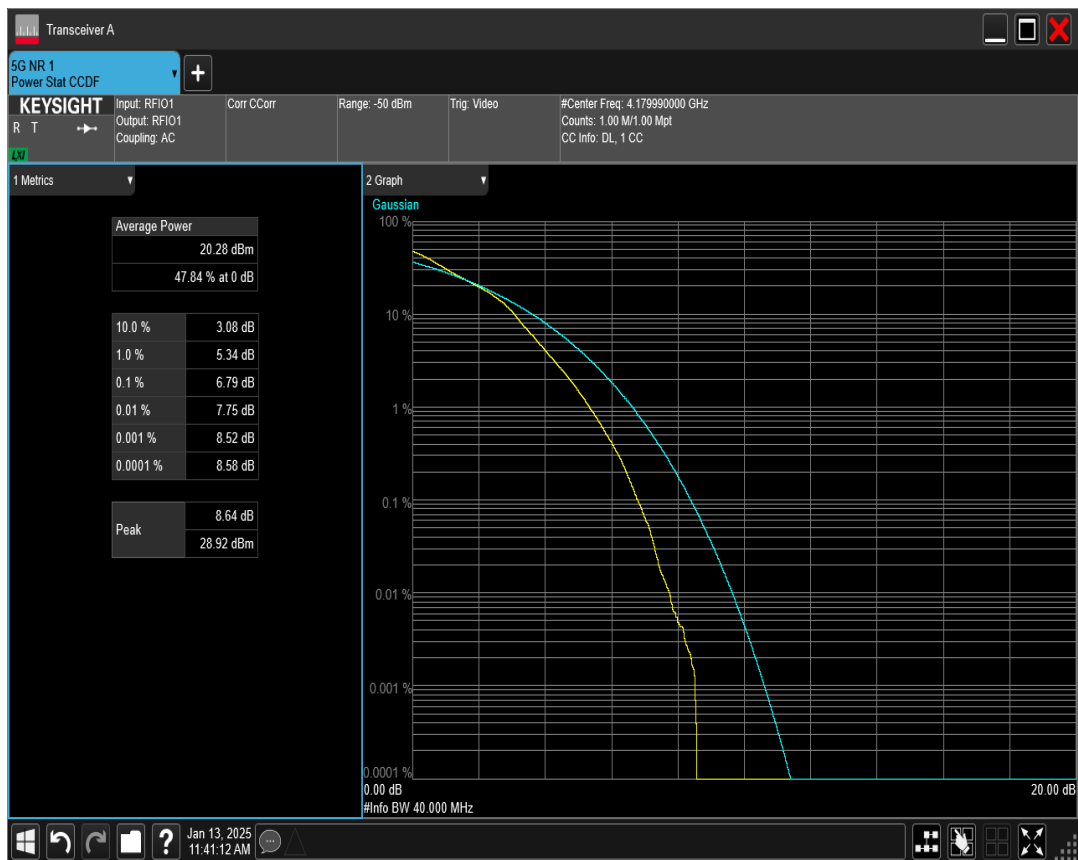
***n77 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=620500 RB=36@0***



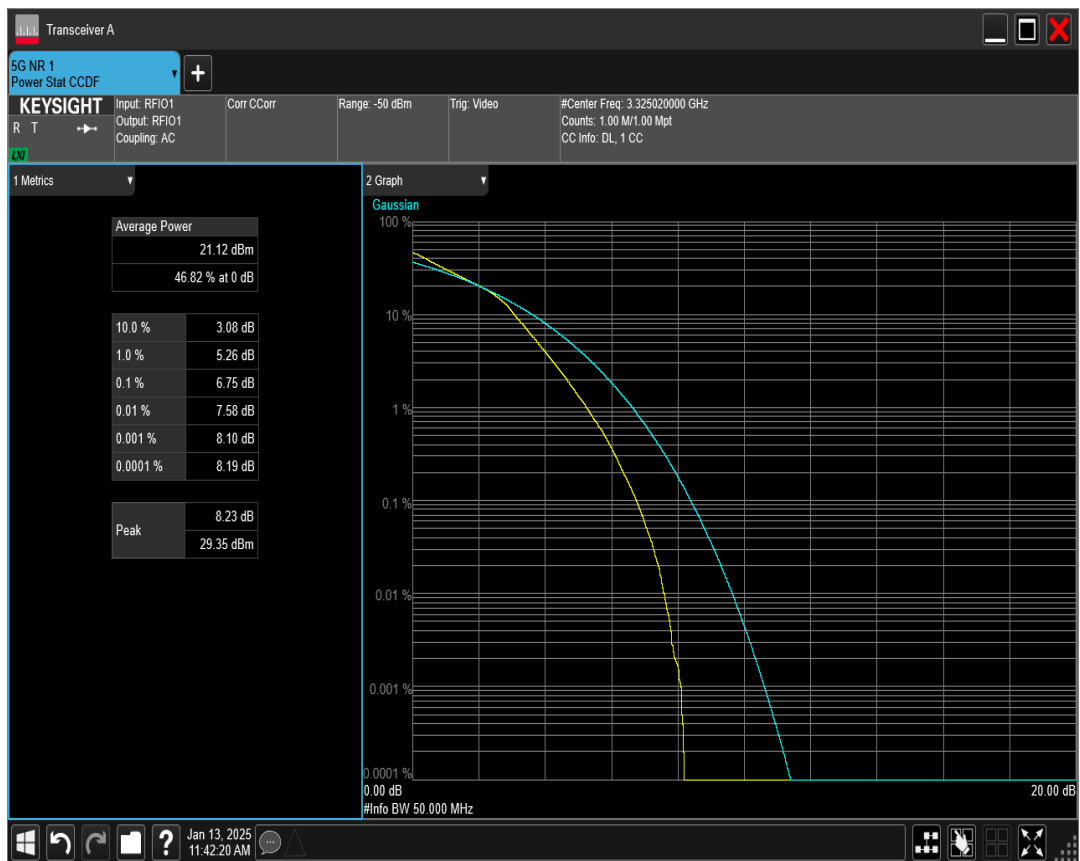
***n77 SCS=30kHz DFT\_QAM16 BW=40MHz Channel=650000 RB=100@0***



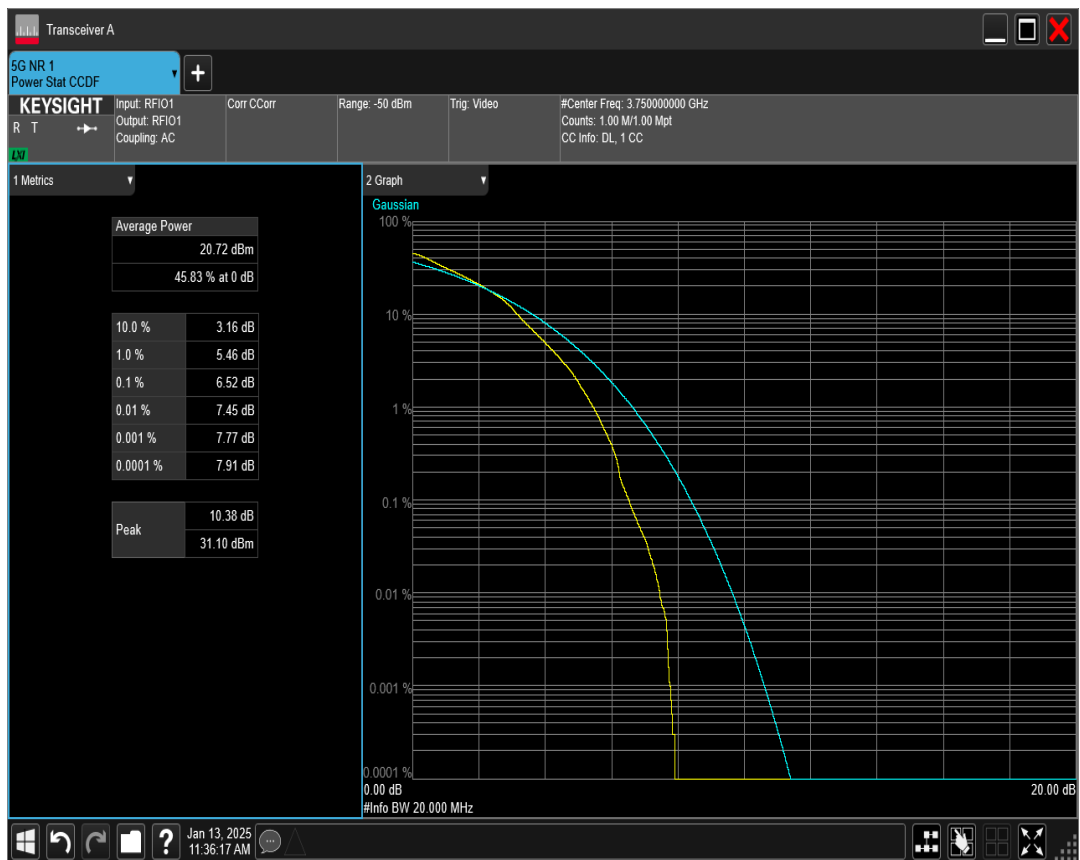
***n77 SCS=30kHz DFT\_QAM16 BW=40MHz Channel=678666 RB=100@0***



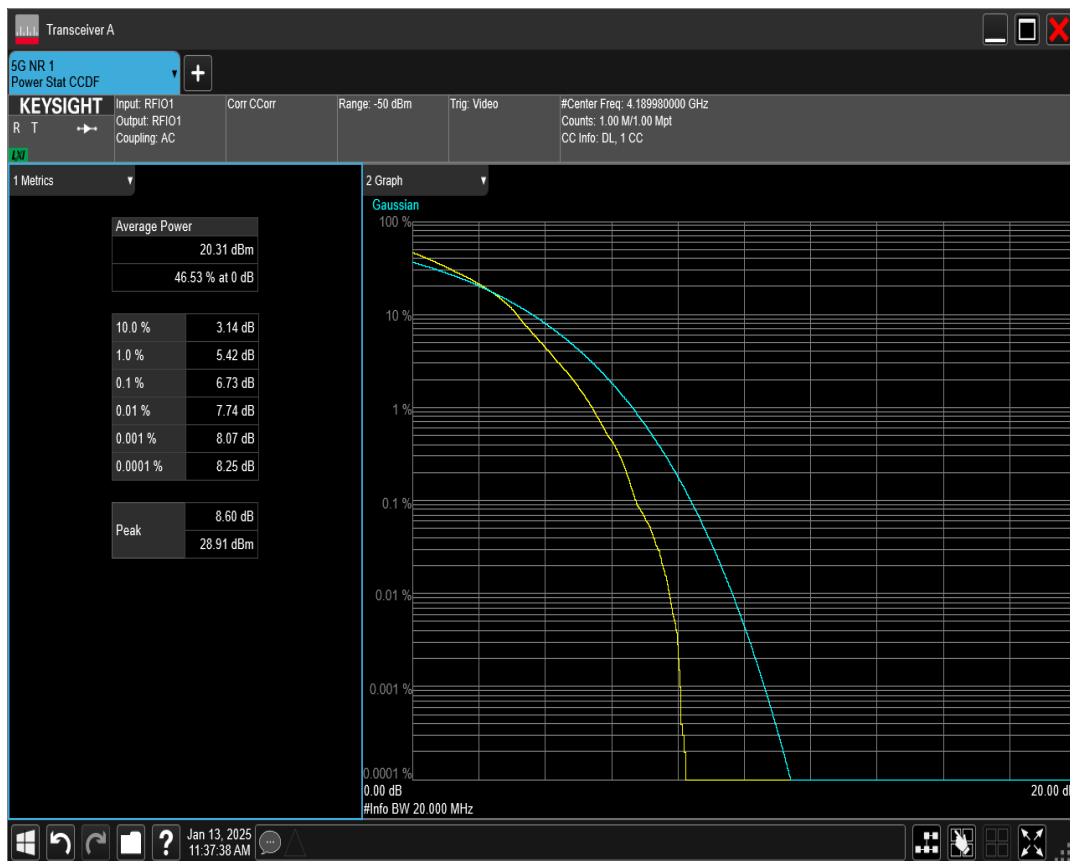
***n77 SCS=30kHz DFT\_QAM16 BW=50MHz Channel=621668 RB=128@0***



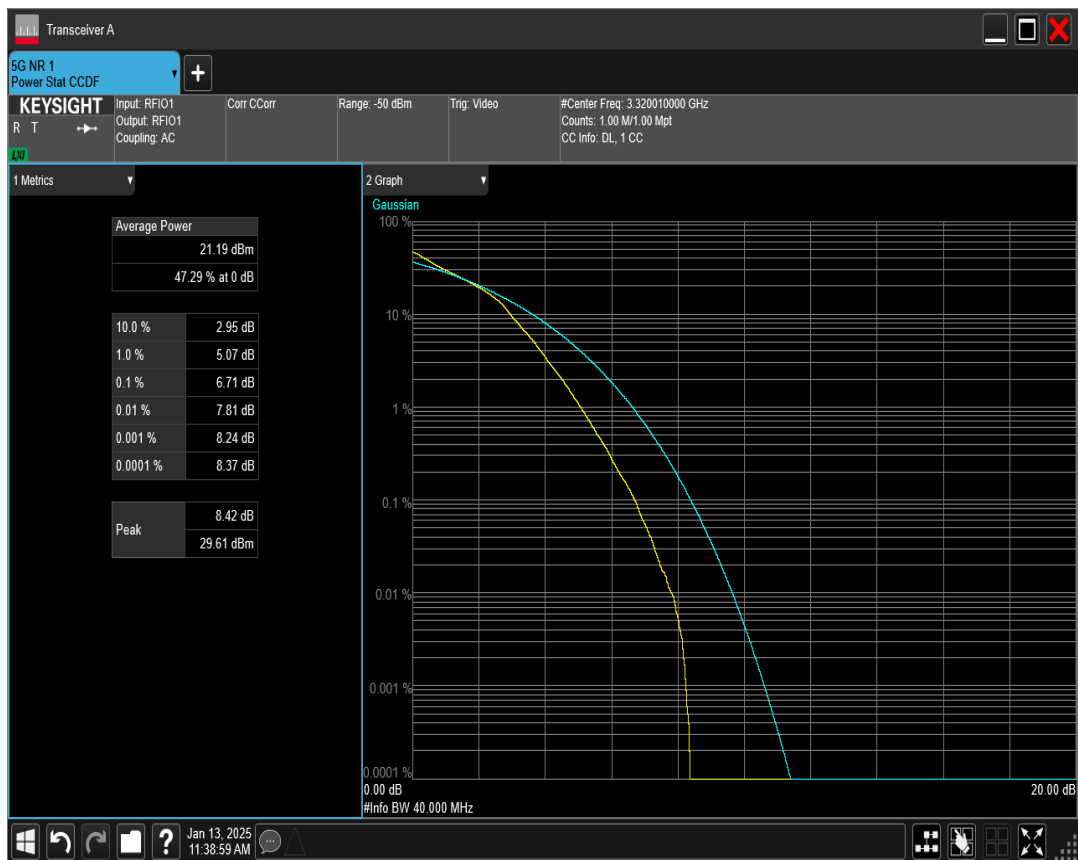
***n77 SCS=30kHz DFT\_QAM16 BW=20MHz Channel=650000 RB=50@0***



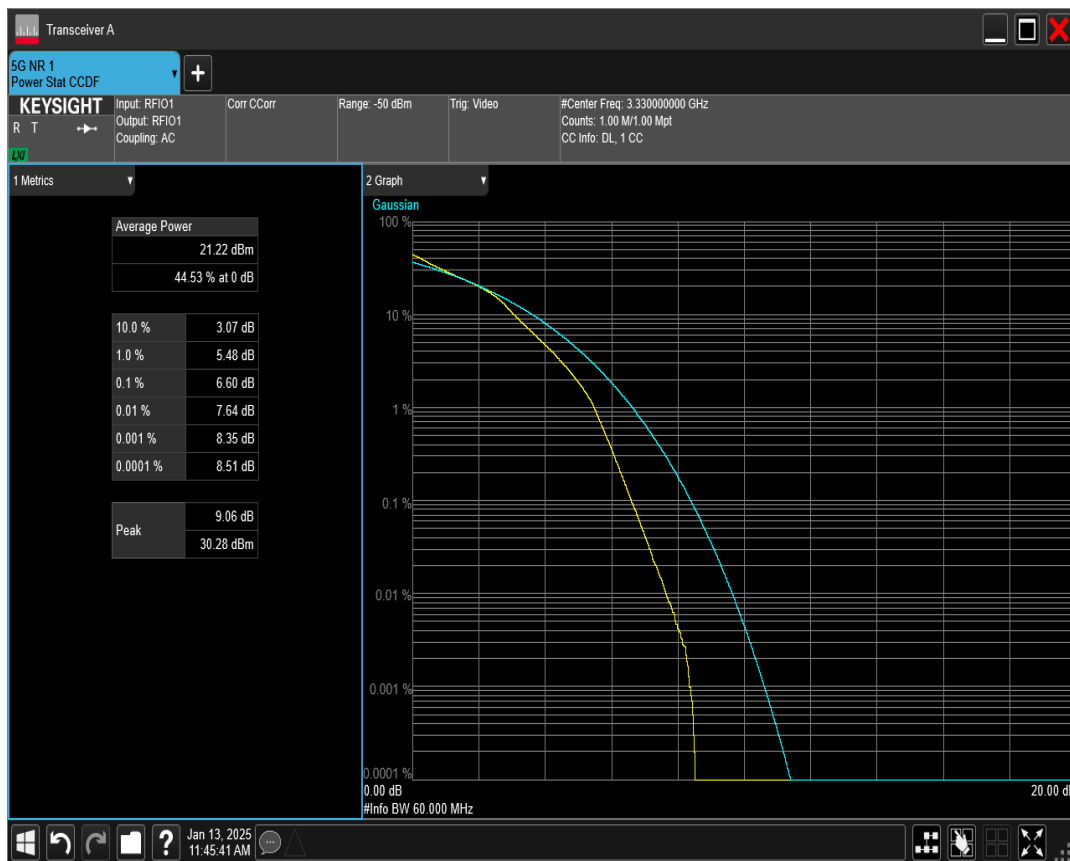
***n77 SCS=30kHz DFT\_QAM16 BW=20MHz Channel=679332 RB=50@0***



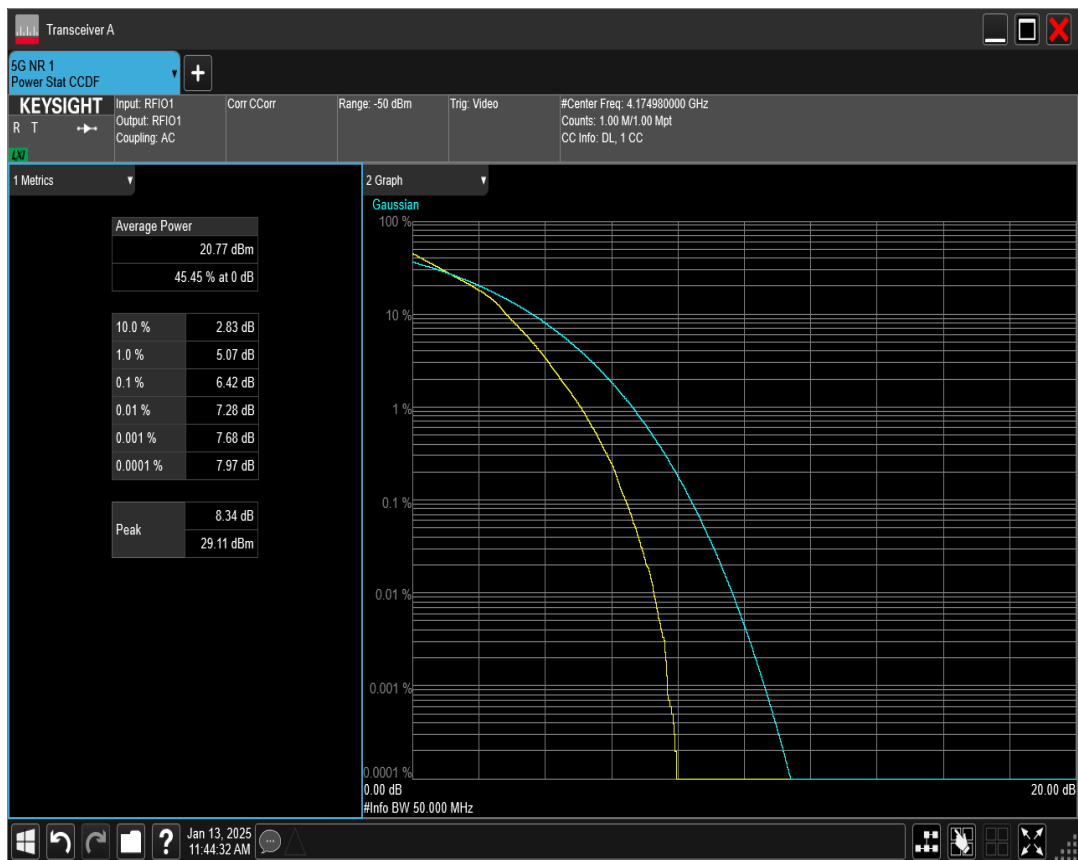
***n77 SCS=30kHz DFT\_QAM16 BW=40MHz Channel=621334 RB=100@0***



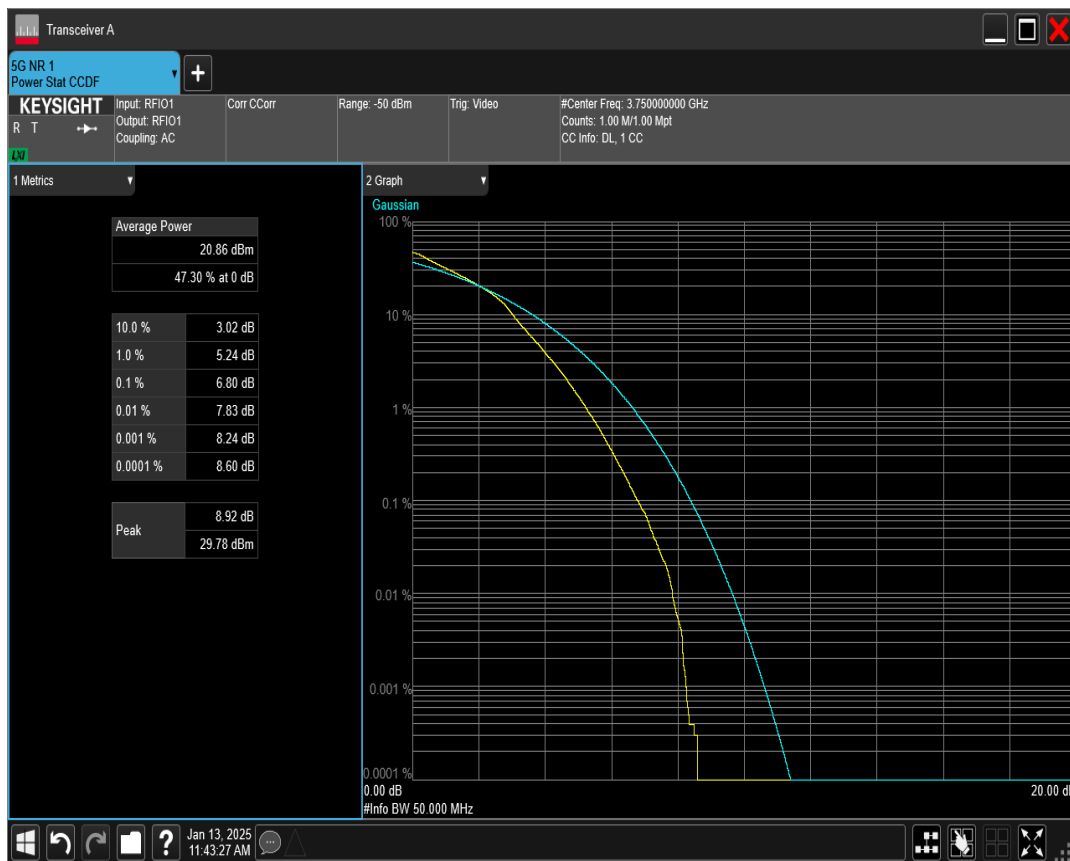
***n77 SCS=30kHz DFT\_QAM16 BW=60MHz Channel=622000 RB=162@0***



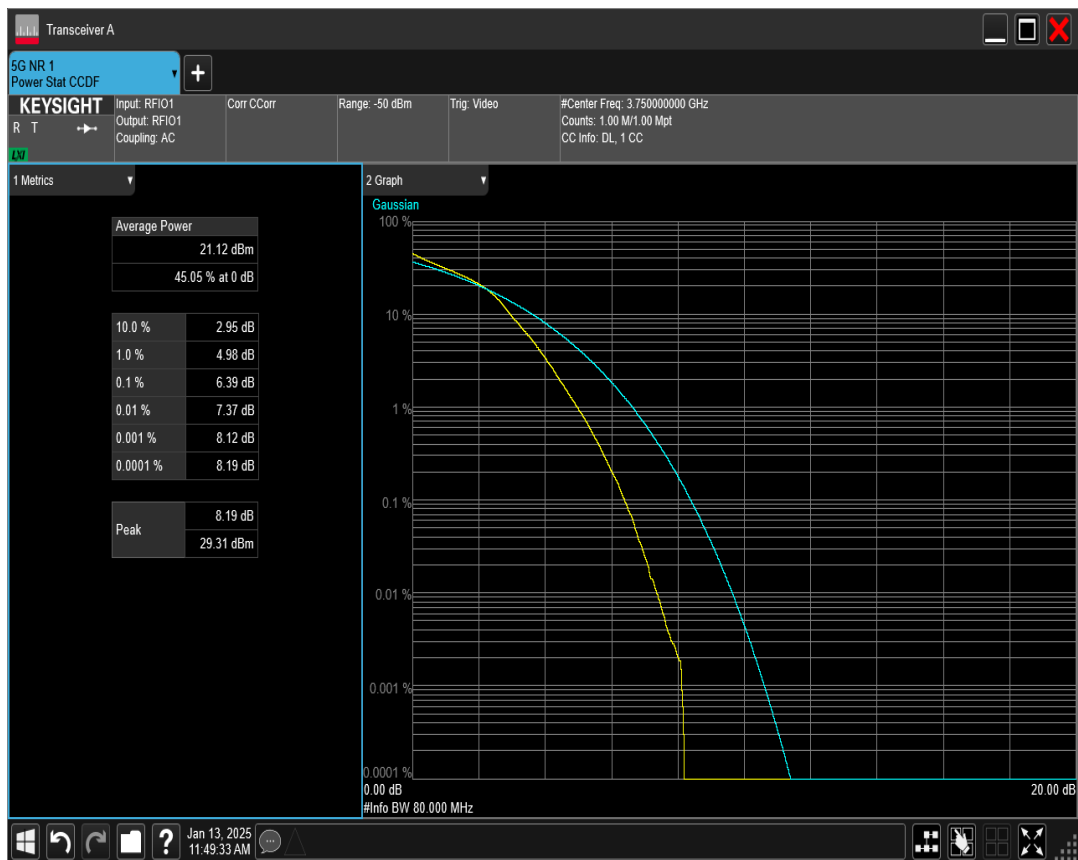
**n77 SCS=30kHz DFT\_QAM16 BW=50MHz Channel=678332 RB=128@0**



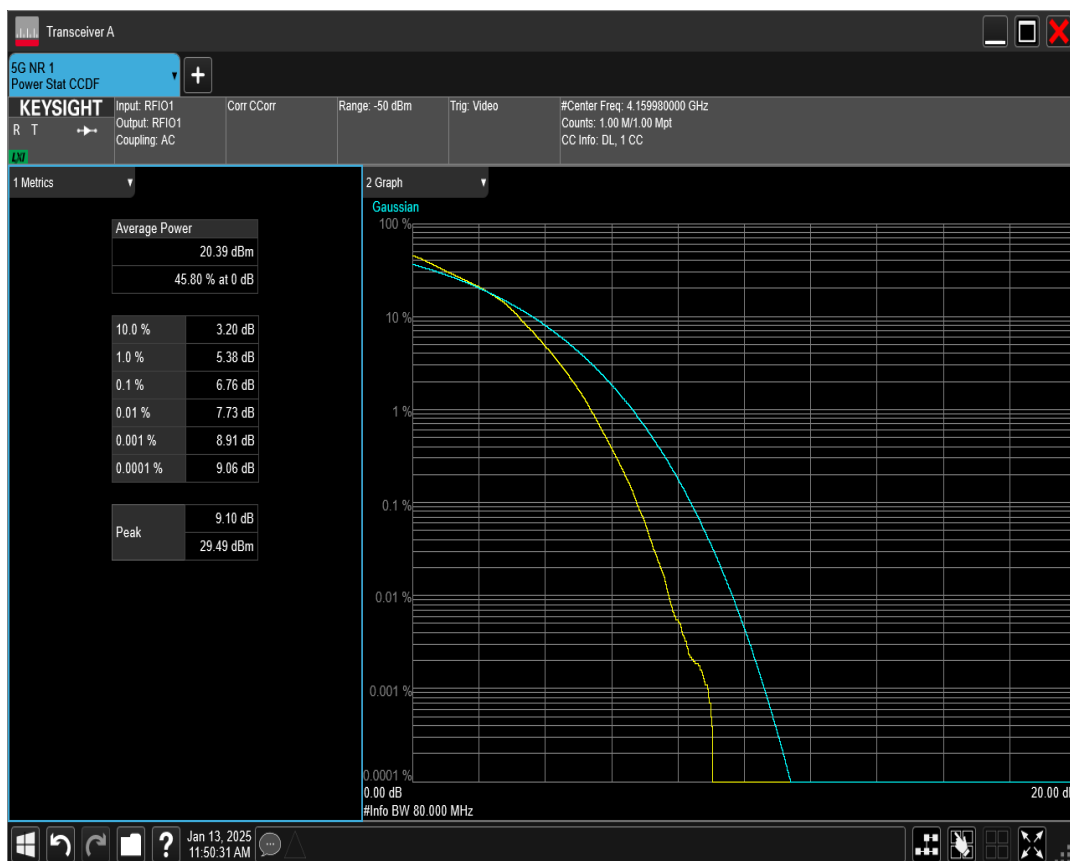
**n77 SCS=30kHz DFT\_QAM16 BW=50MHz Channel=650000 RB=128@0**



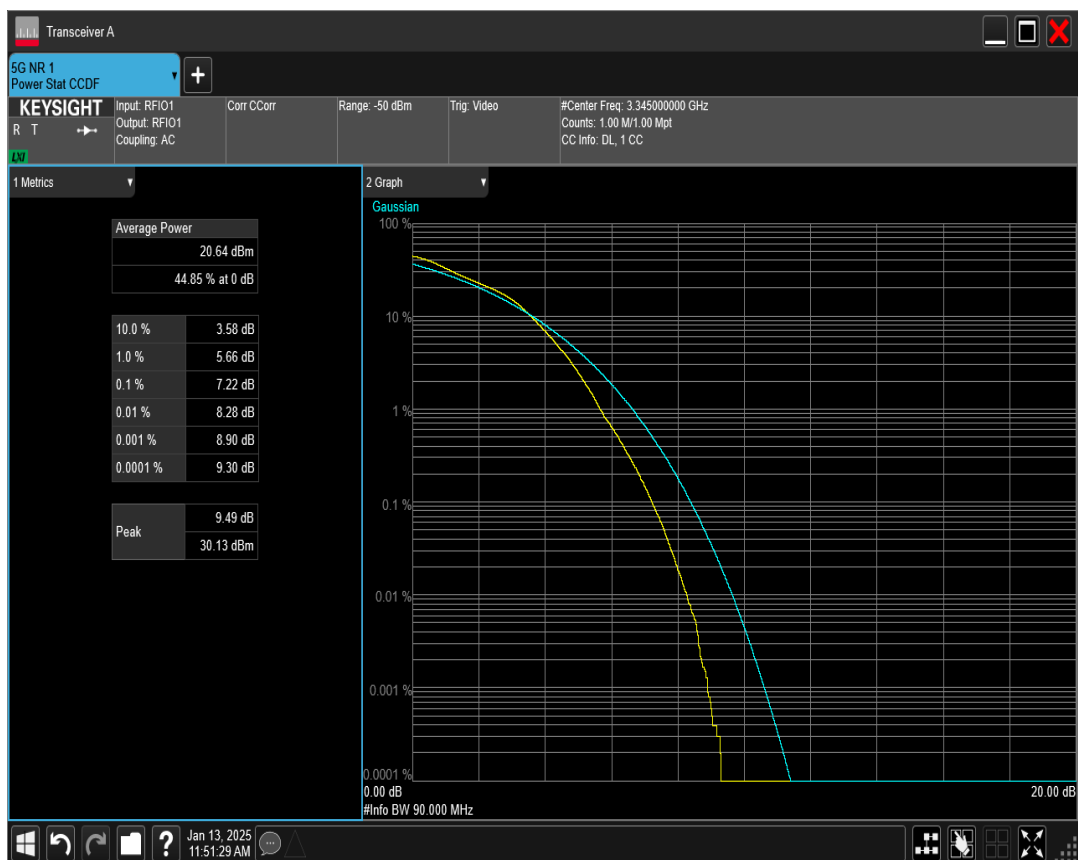
***n77 SCS=30kHz DFT\_QAM16 BW=80MHz Channel=650000 RB=216@0***



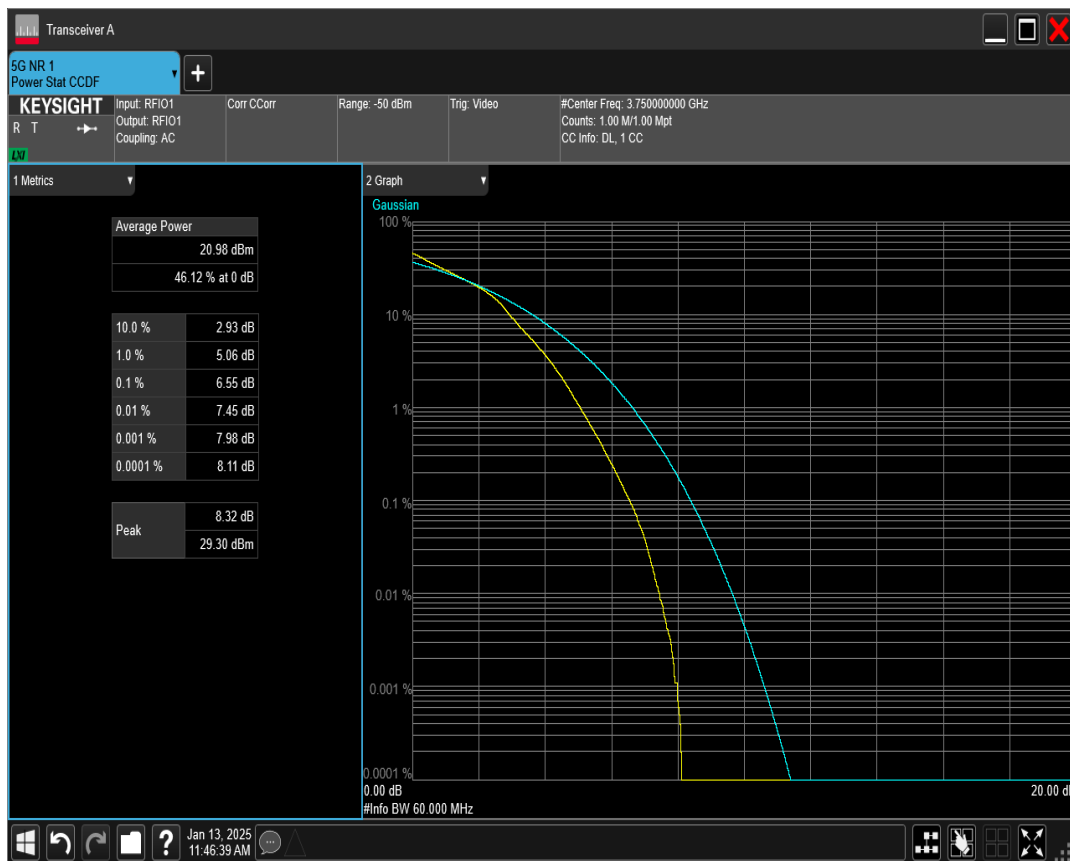
***n77 SCS=30kHz DFT\_QAM16 BW=80MHz Channel=677332 RB=216@0***



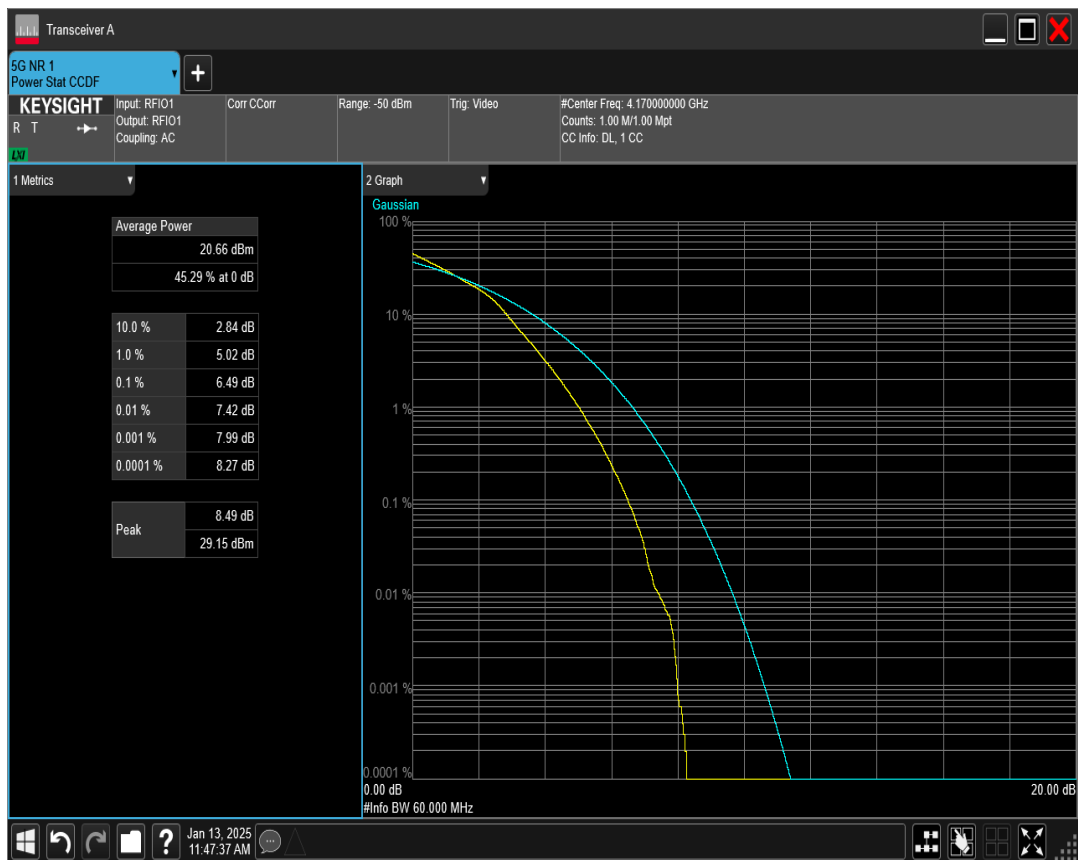
***n77 SCS=30kHz DFT\_QAM16 BW=90MHz Channel=623000 RB=240@0***



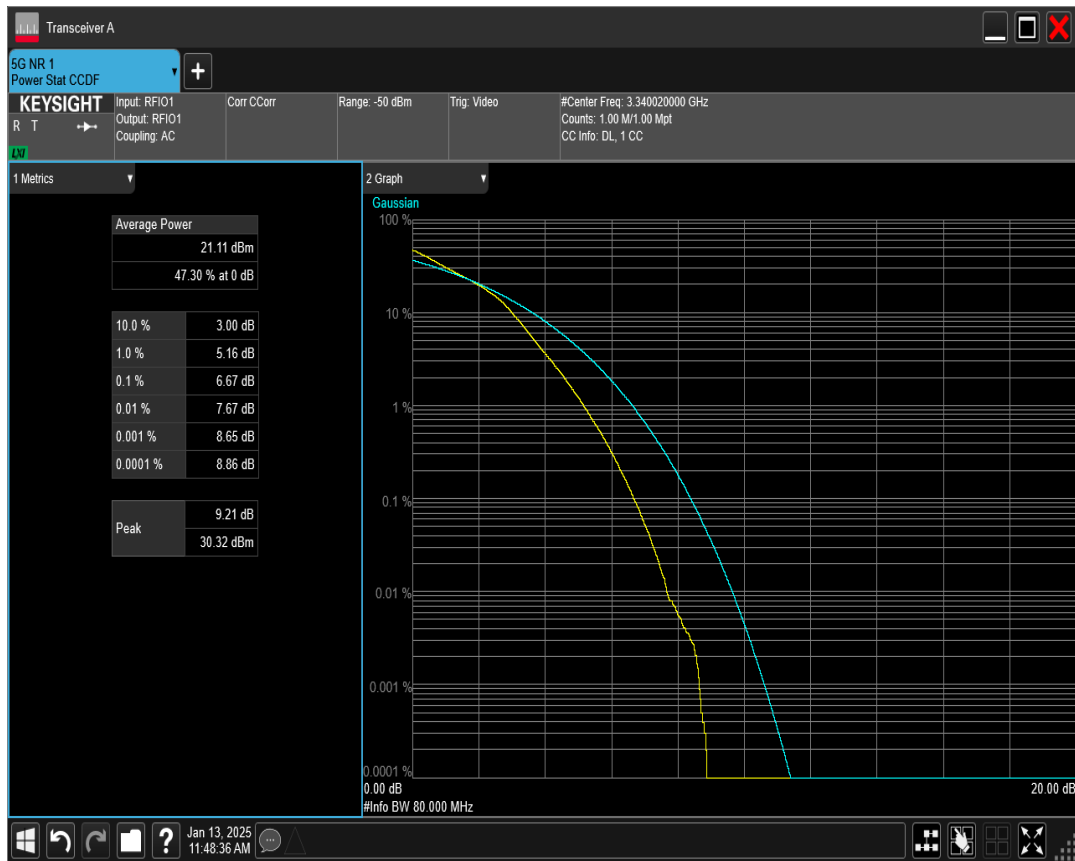
***n77 SCS=30kHz DFT\_QAM16 BW=60MHz Channel=650000 RB=162@0***



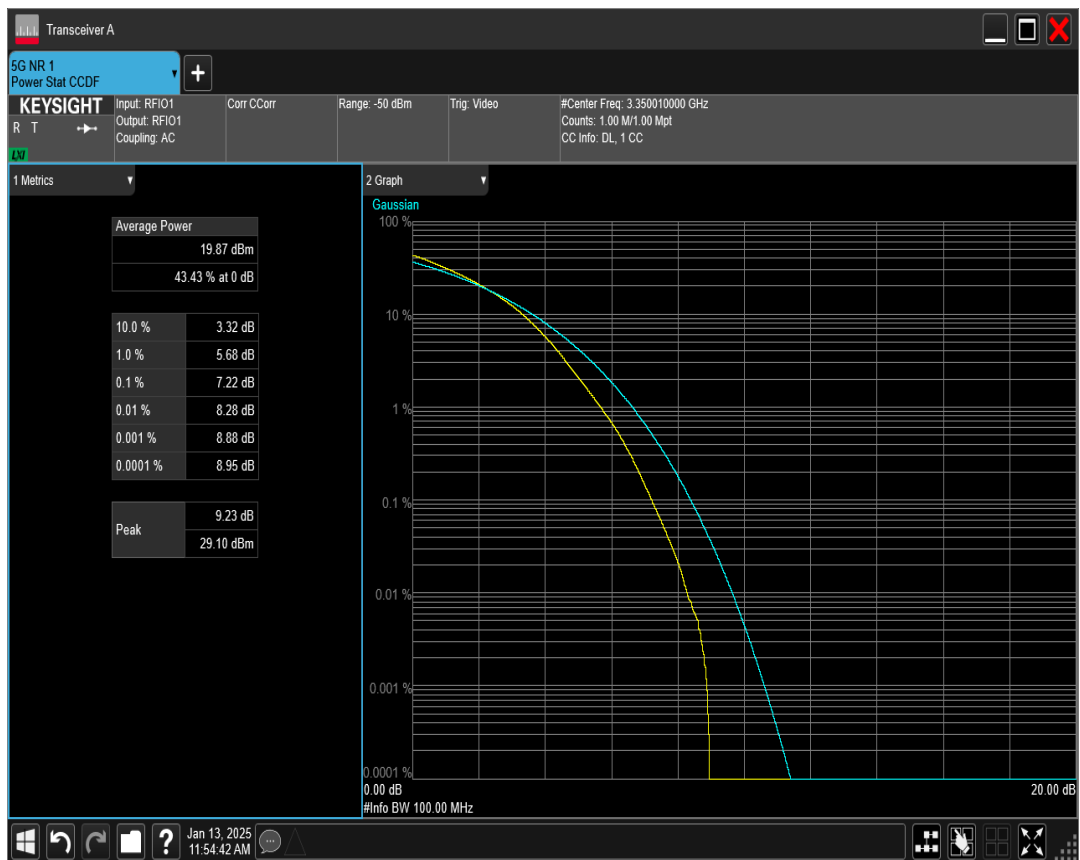
***n77 SCS=30kHz DFT\_QAM16 BW=60MHz Channel=678000 RB=162@0***



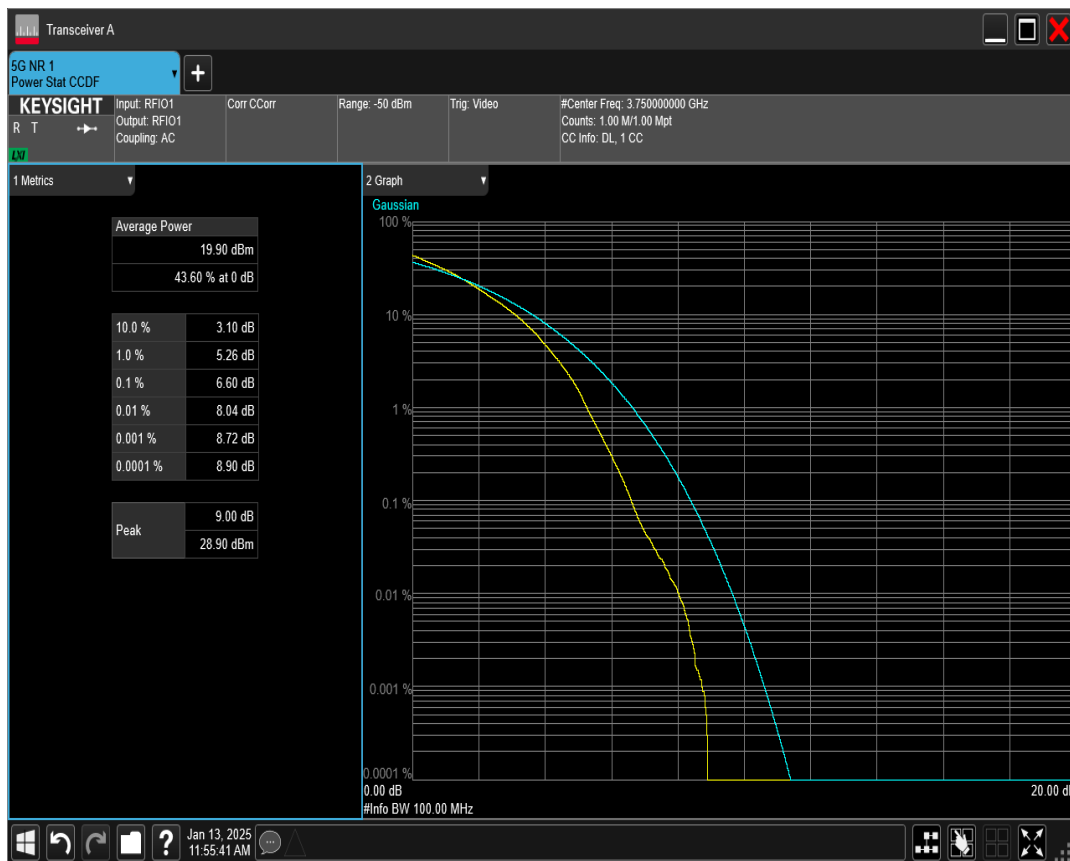
***n77 SCS=30kHz DFT\_QAM16 BW=80MHz Channel=622668 RB=216@0***



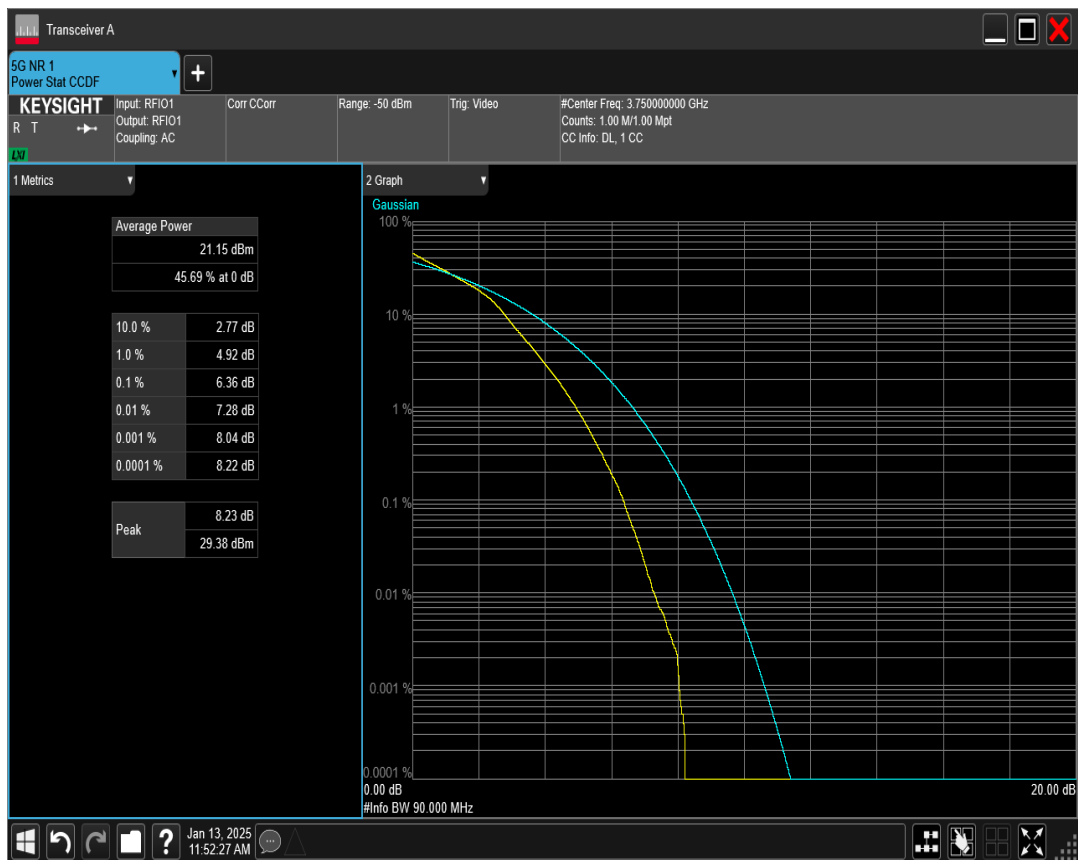
*n77 SCS=30kHz DFT\_QAM256 BW=100MHz Channel=623334 RB=270@0*



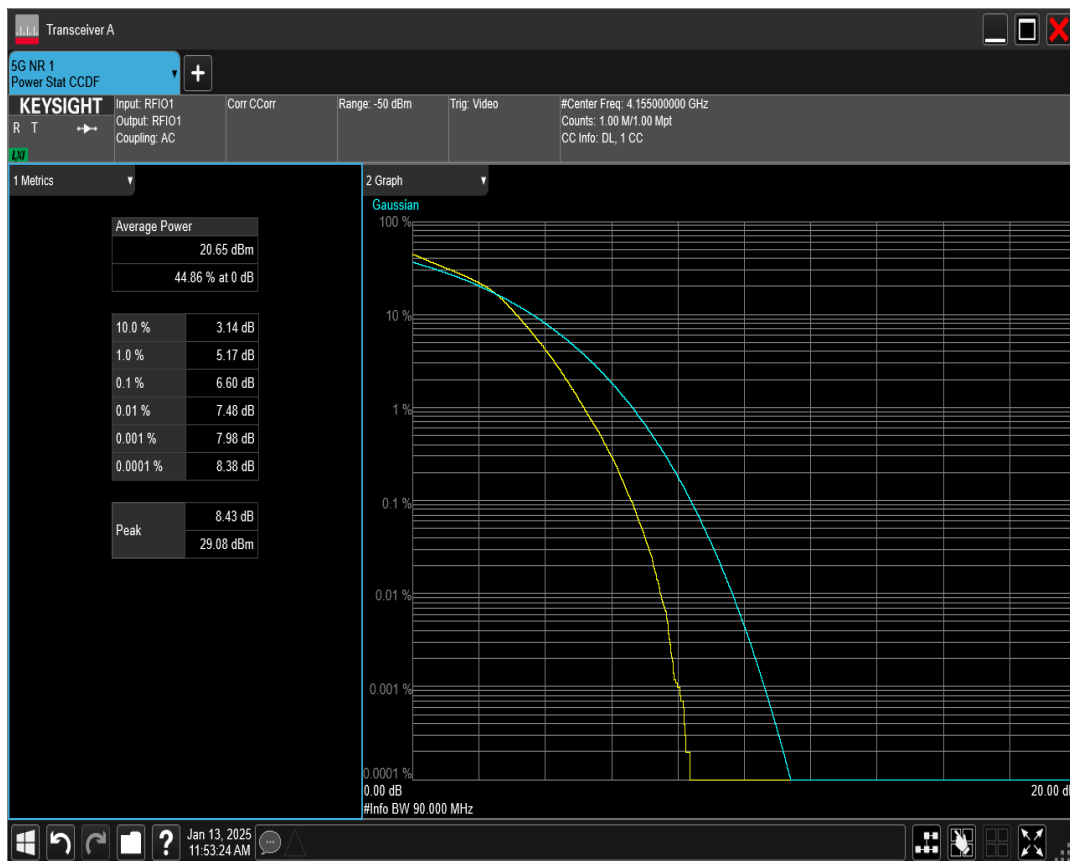
*n77 SCS=30kHz DFT\_QAM256 BW=100MHz Channel=650000 RB=270@0*



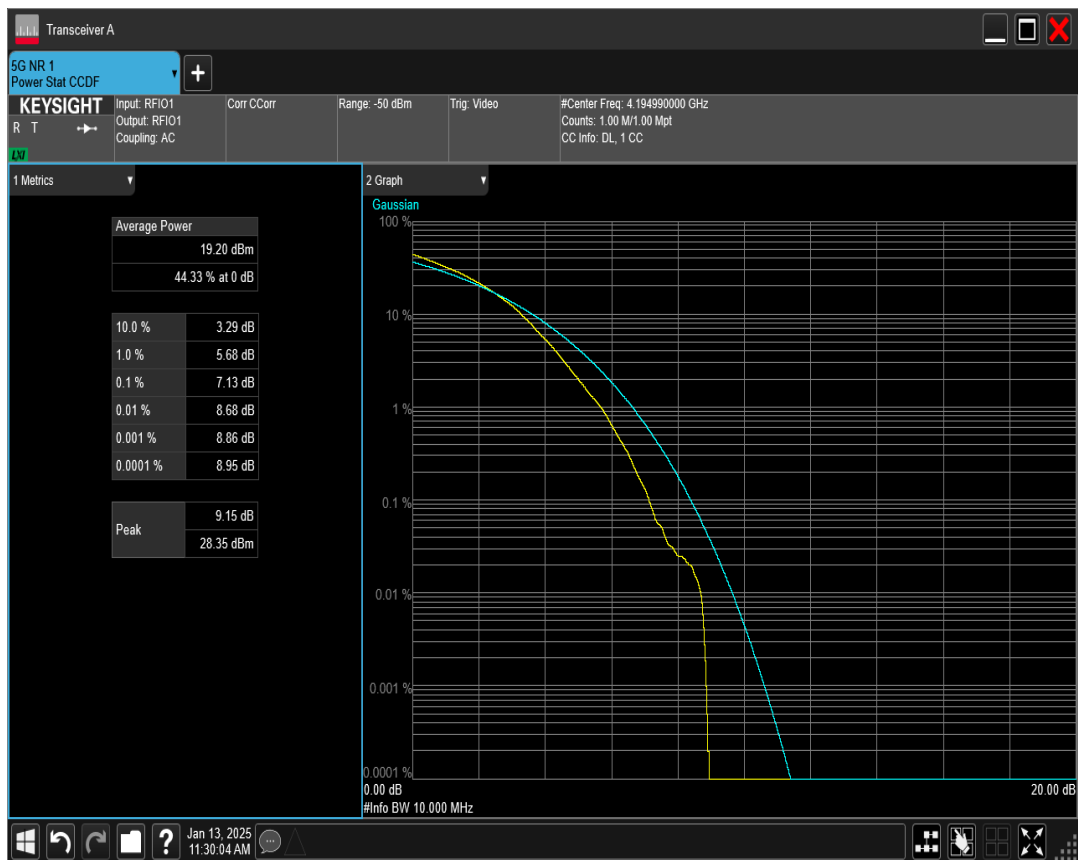
*n77 SCS=30kHz DFT\_QAM16 BW=90MHz Channel=650000 RB=240@0*



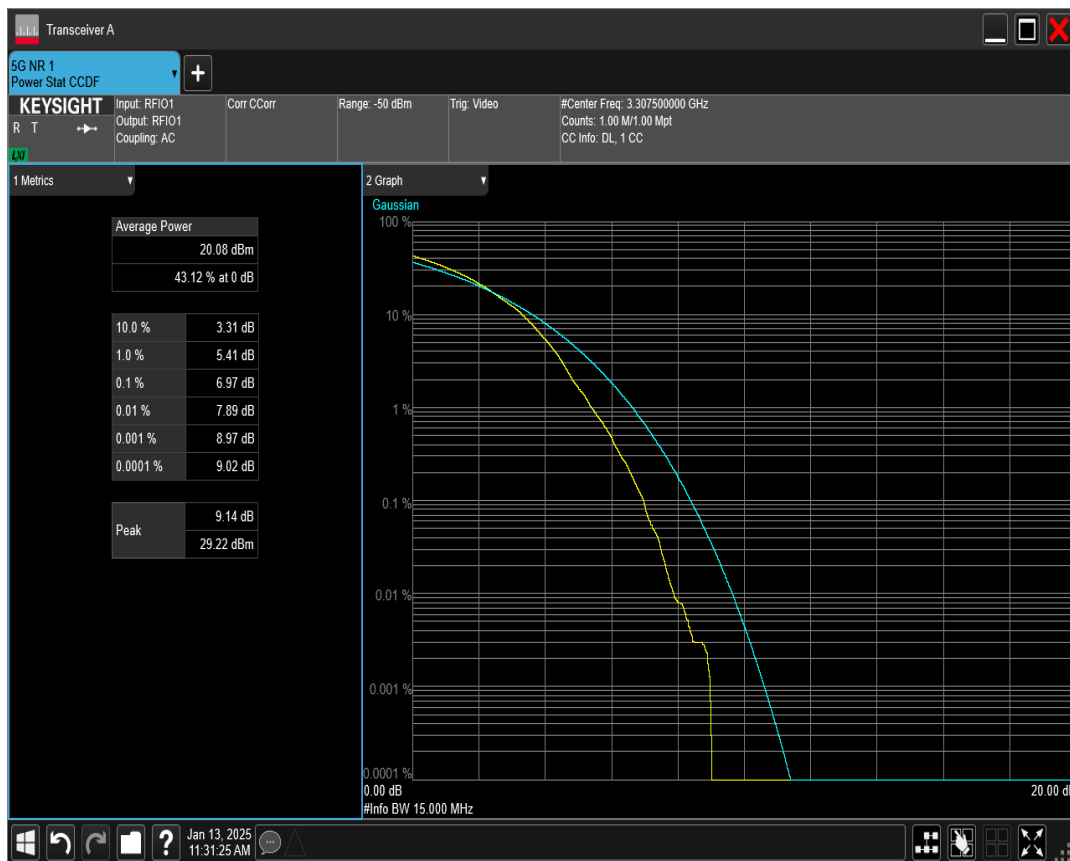
*n77 SCS=30kHz DFT\_QAM16 BW=90MHz Channel=677000 RB=240@0*



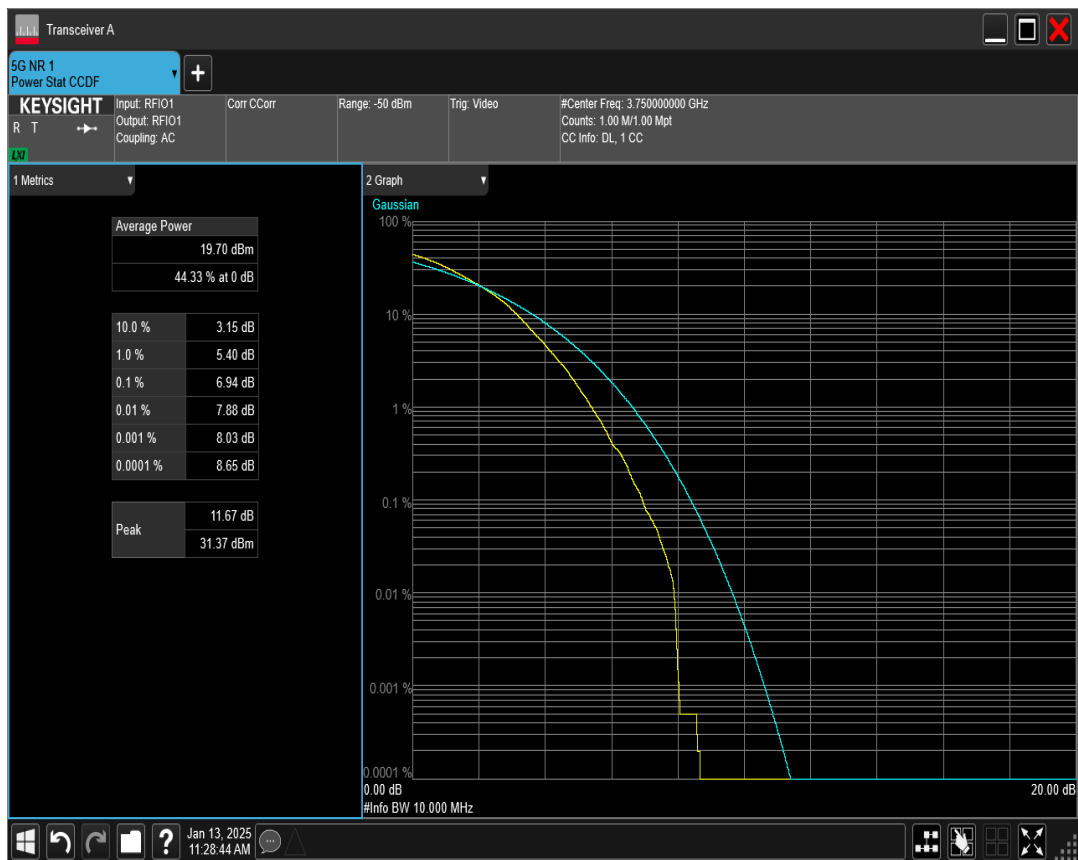
***n77 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=679666 RB=24@0***



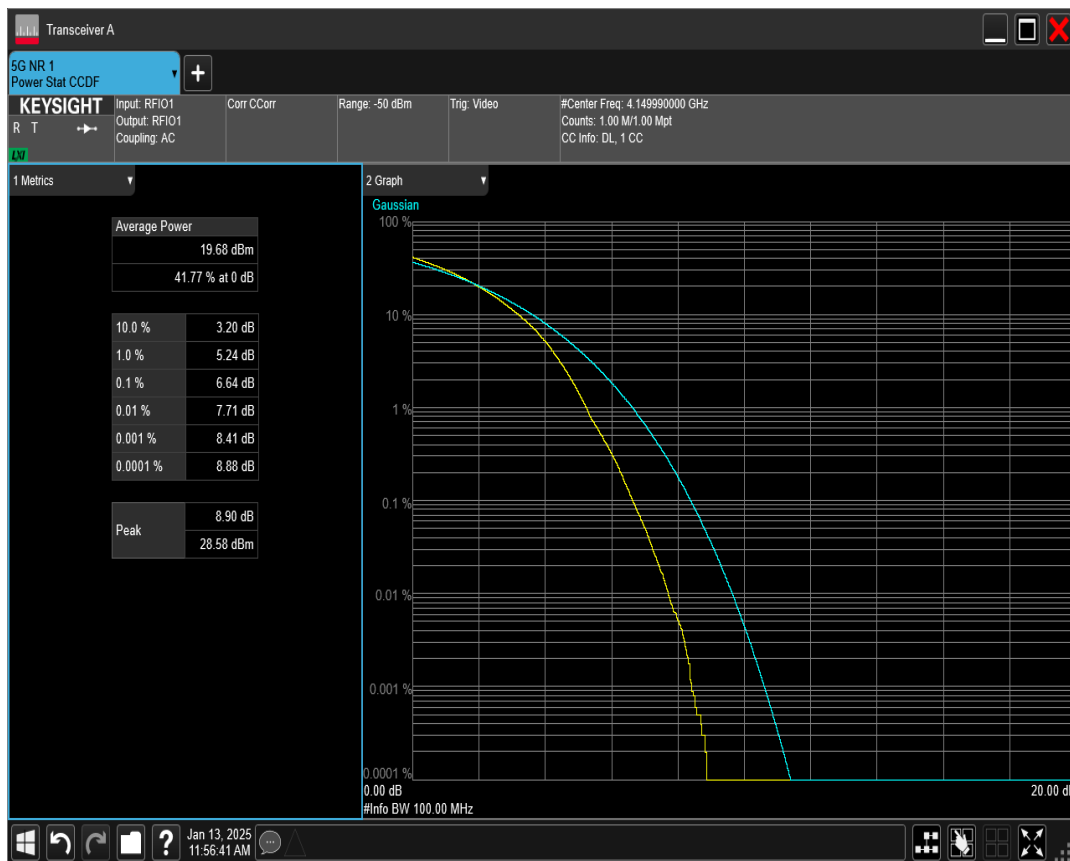
***n77 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=620500 RB=36@0***



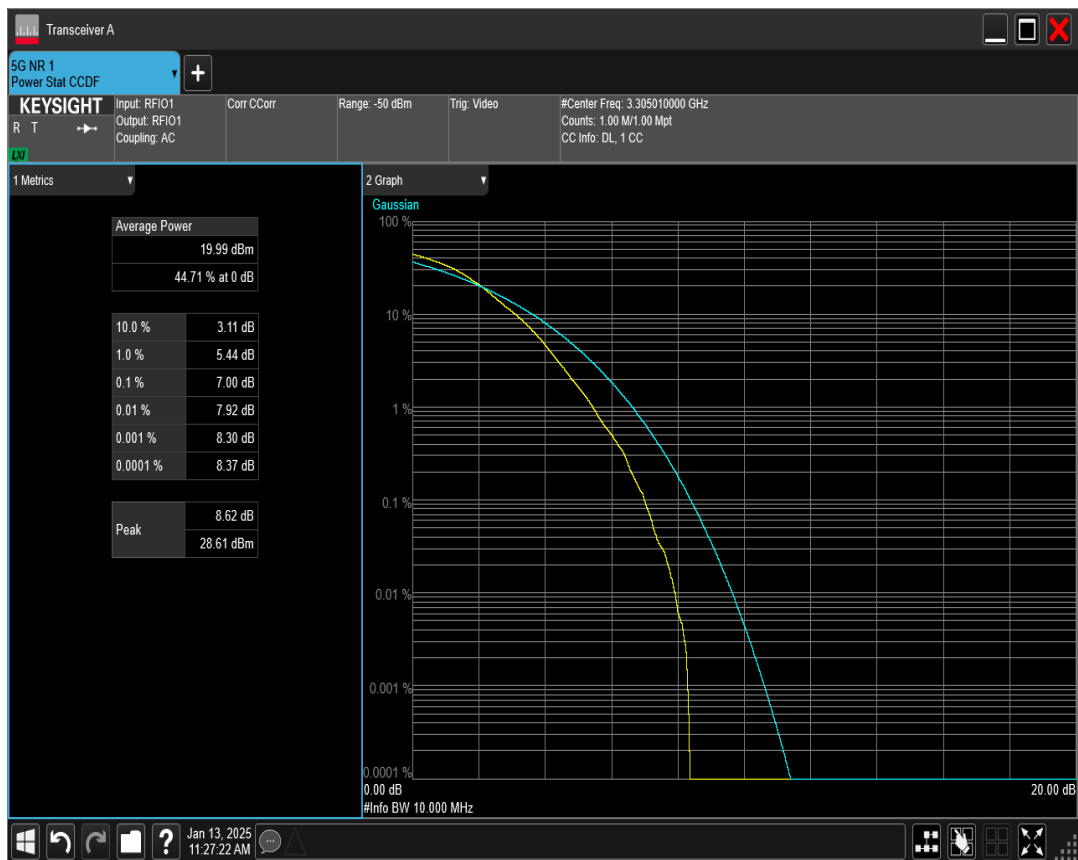
*n77 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=650000 RB=24@0*



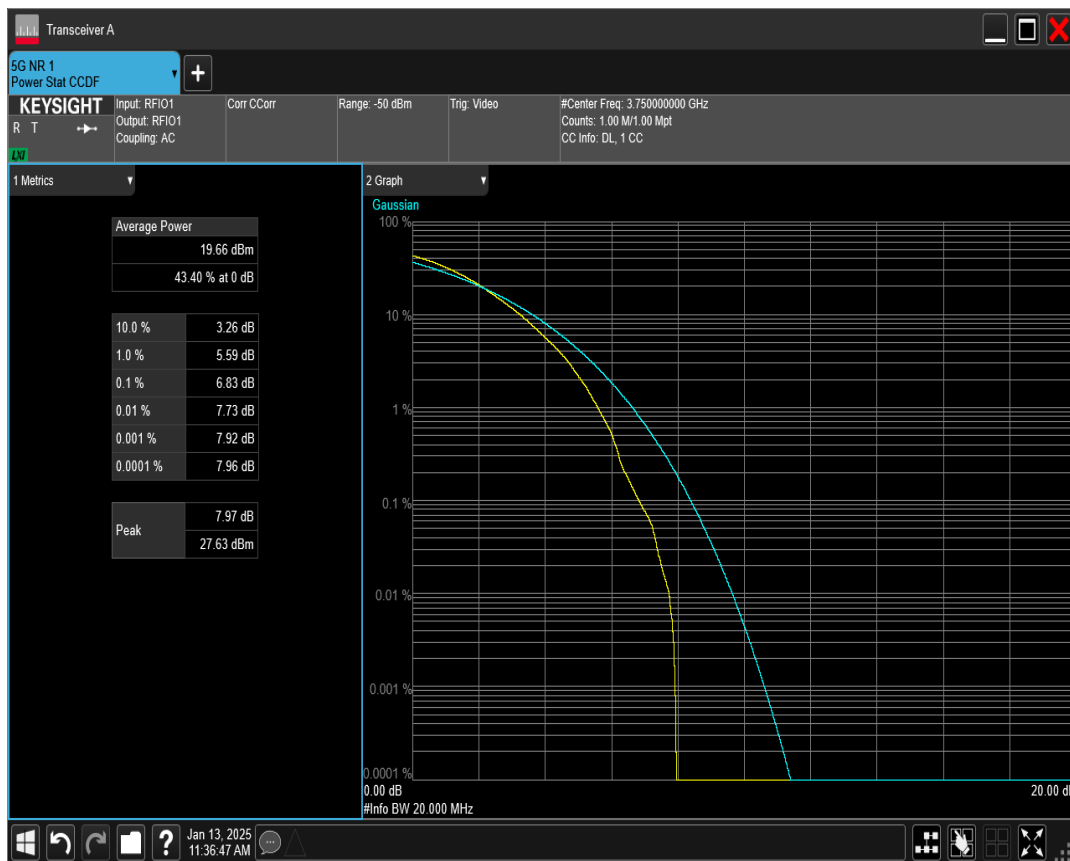
*n77 SCS=30kHz DFT\_QAM256 BW=100MHz Channel=676666 RB=270@0*



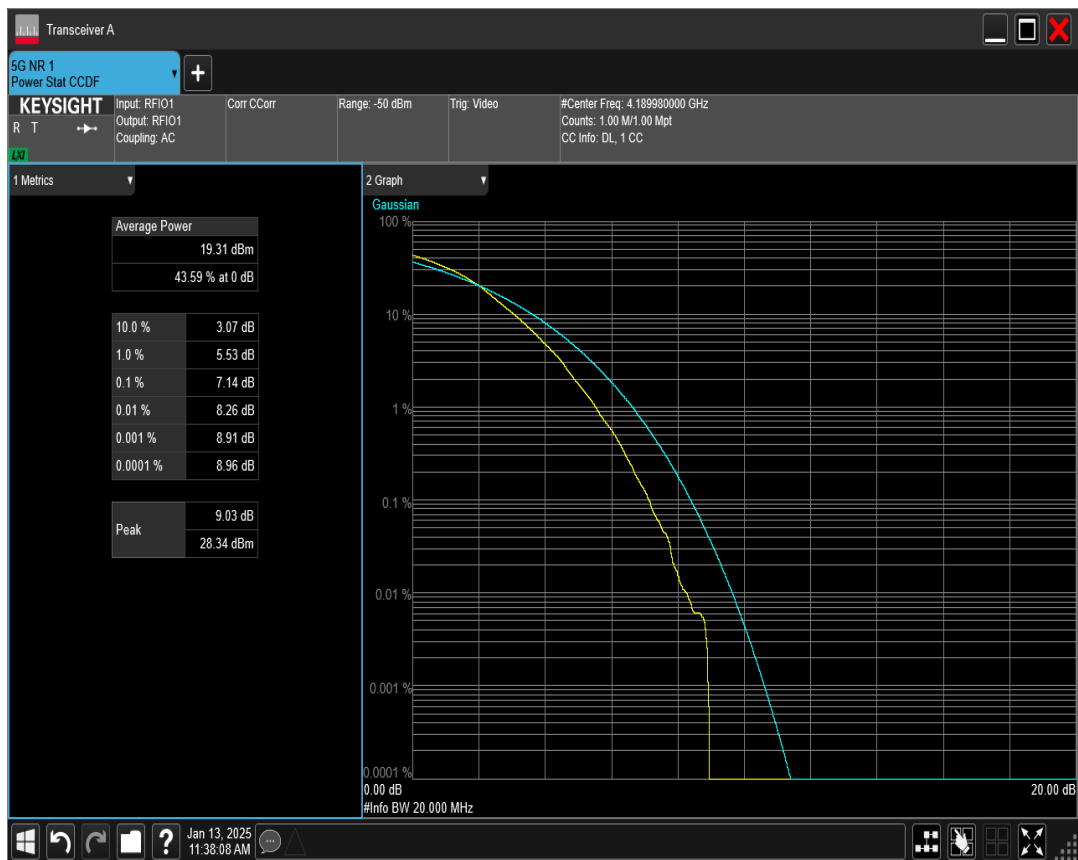
*n77 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=620334 RB=24@0*



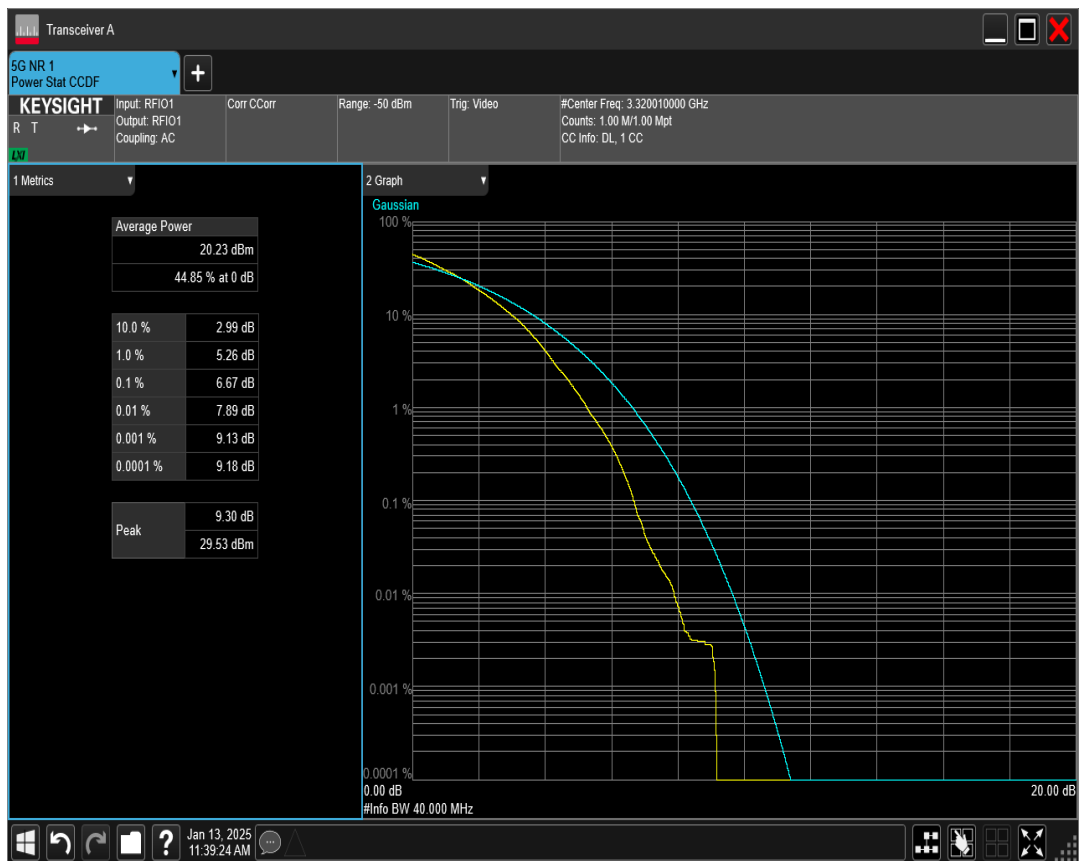
*n77 SCS=30kHz DFT\_QAM256 BW=20MHz Channel=650000 RB=50@0*



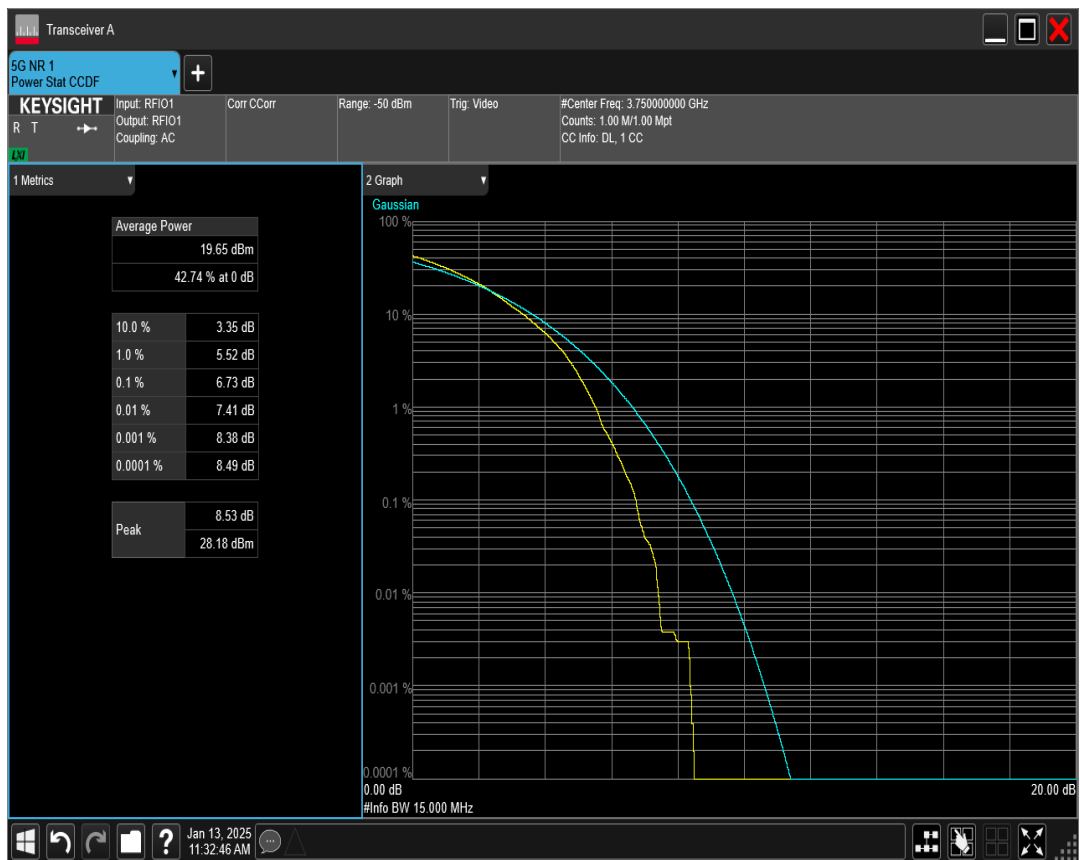
***n77 SCS=30kHz DFT\_QAM256 BW=20MHz Channel=679332 RB=50@0***



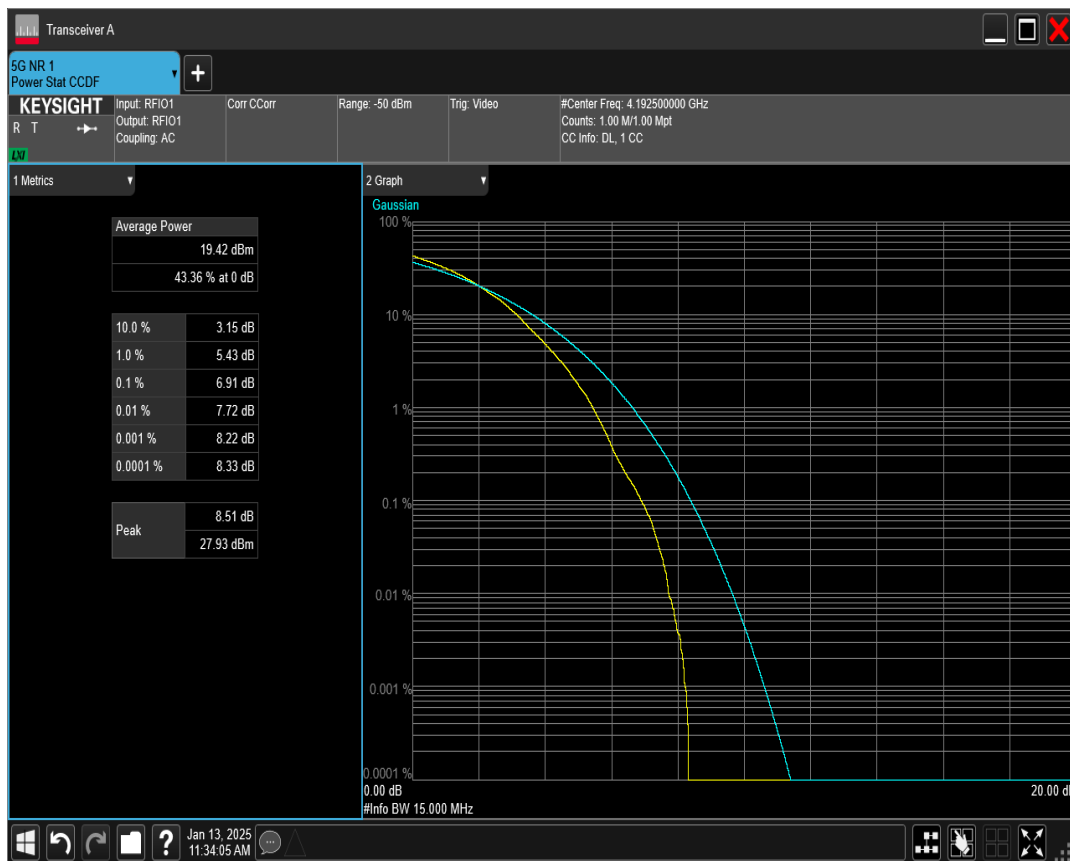
***n77 SCS=30kHz DFT\_QAM256 BW=40MHz Channel=621334 RB=100@0***



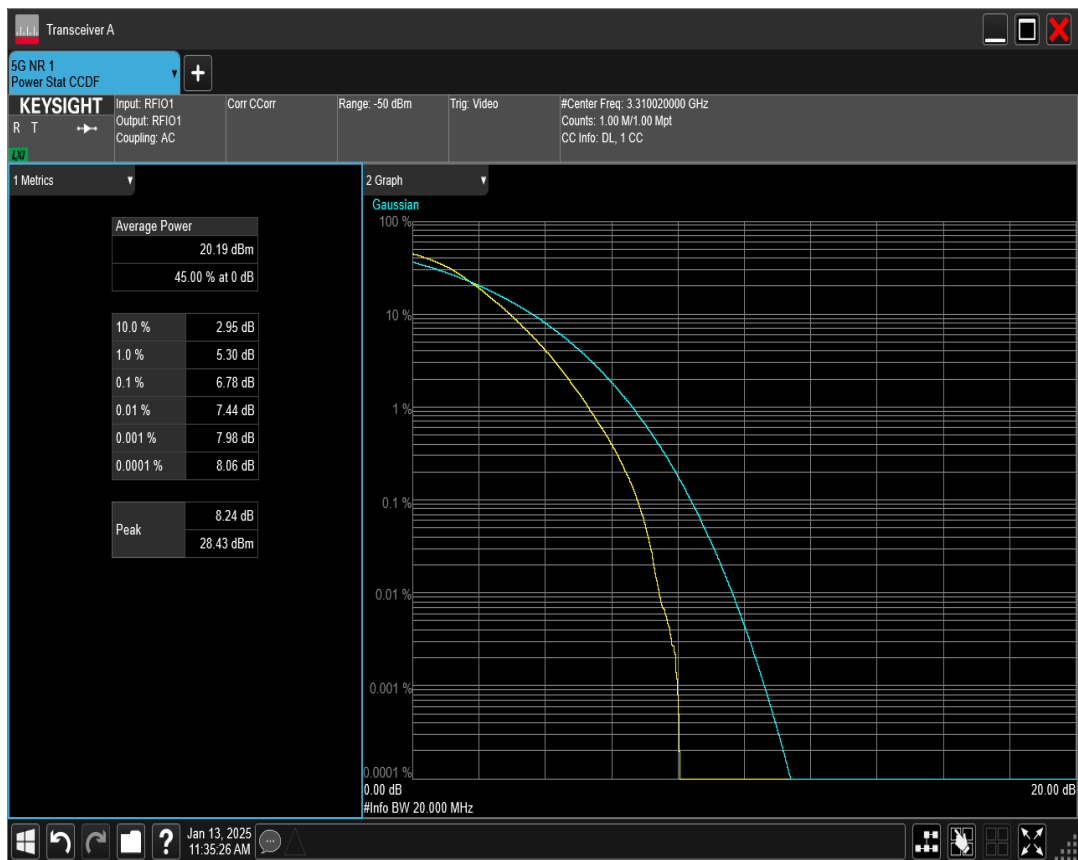
***n77 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=650000 RB=36@0***



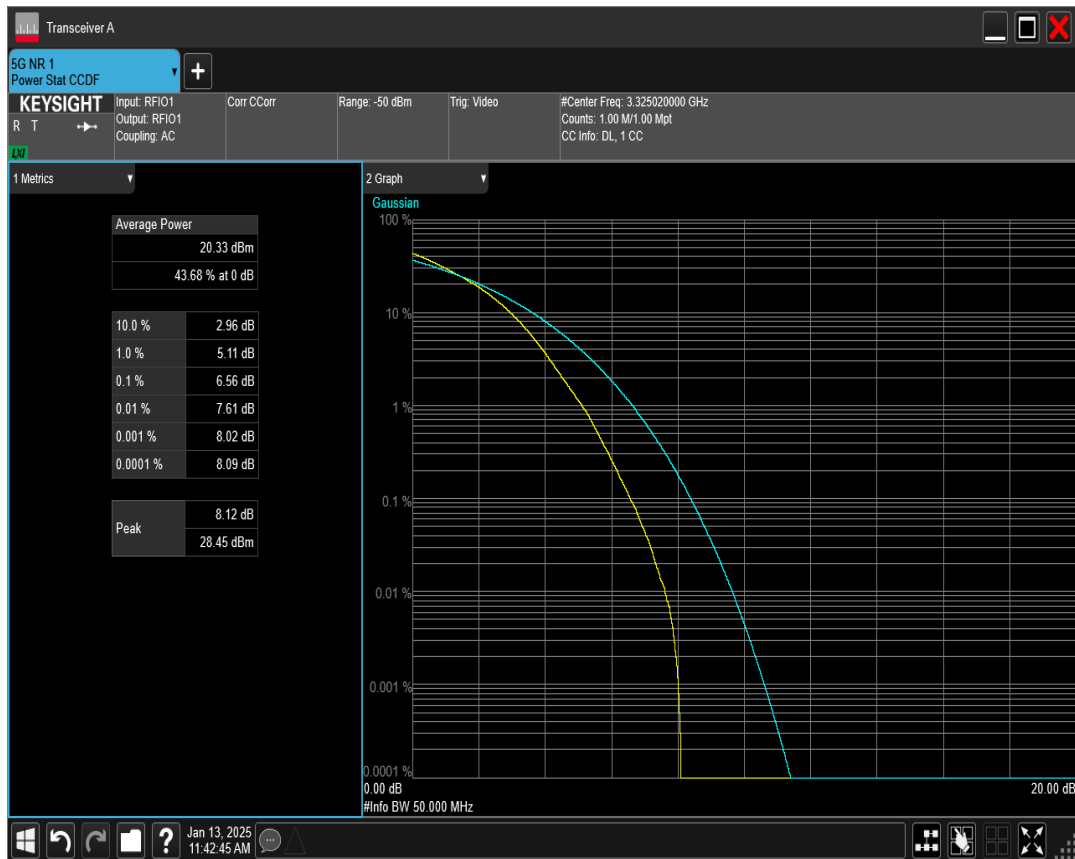
***n77 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=679500 RB=36@0***



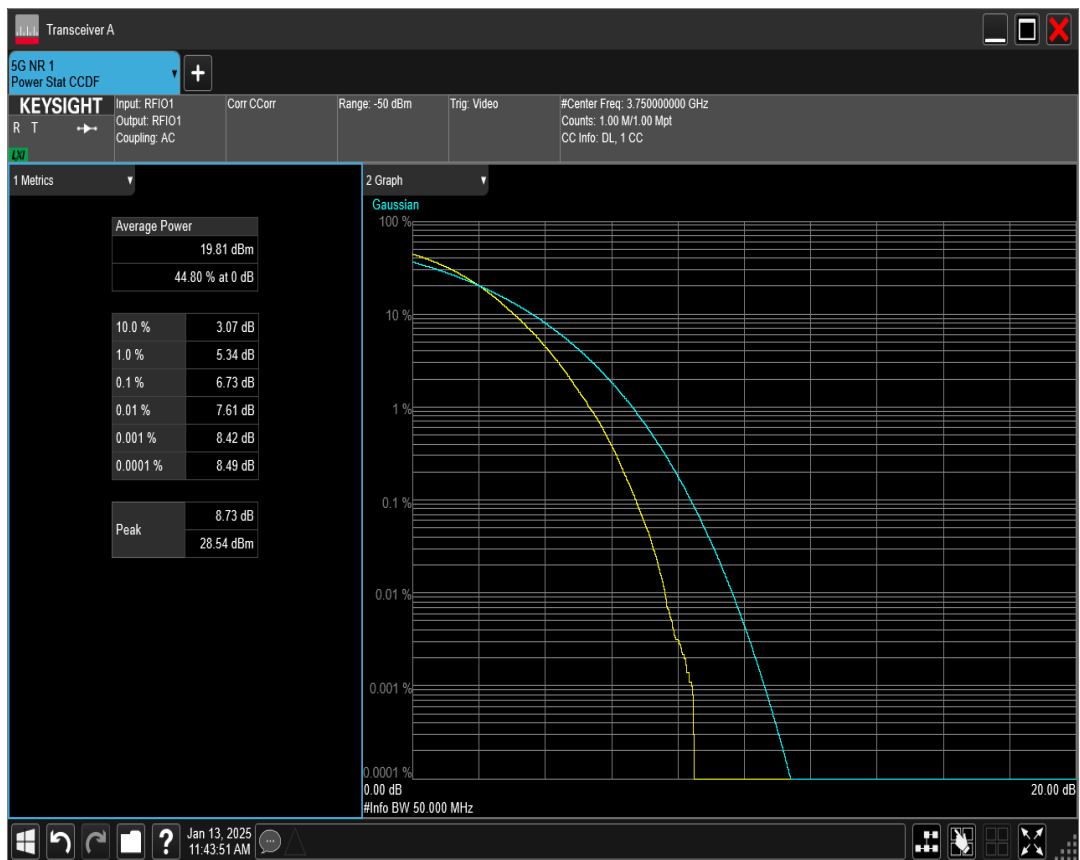
*n77 SCS=30kHz DFT\_QAM256 BW=20MHz Channel=620668 RB=50@0*



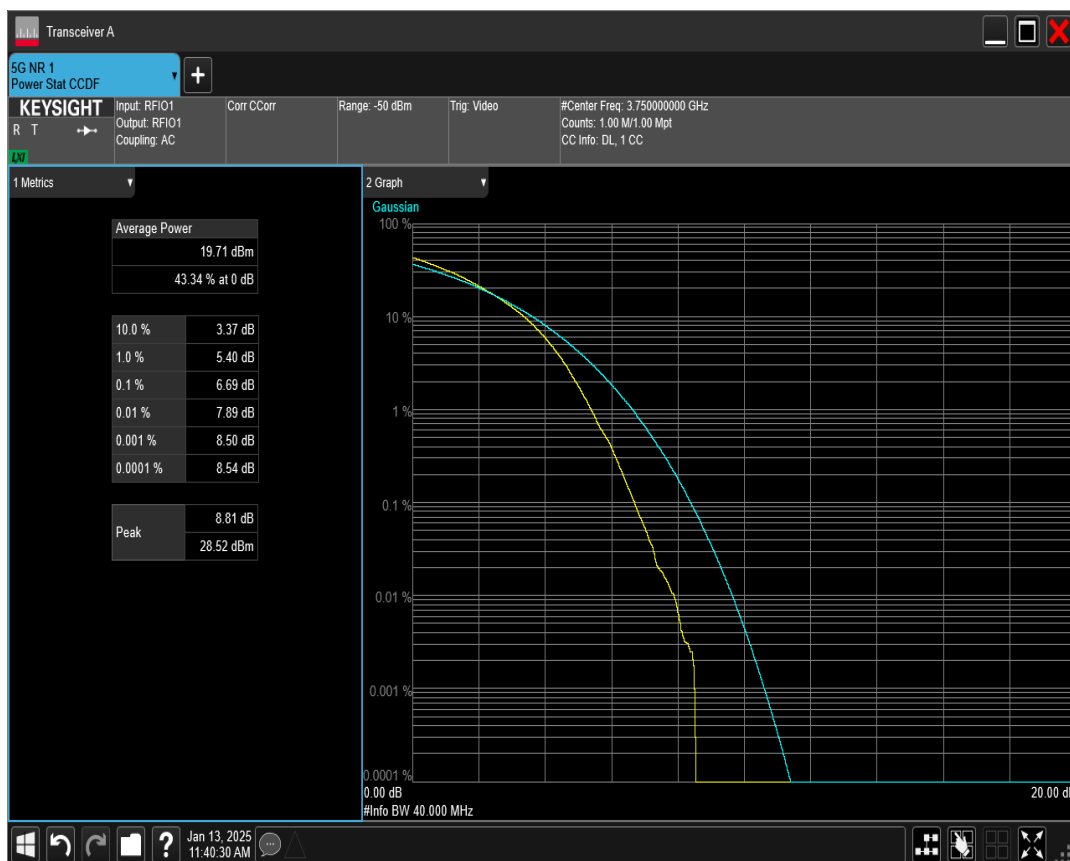
*n77 SCS=30kHz DFT\_QAM256 BW=50MHz Channel=621668 RB=128@0*



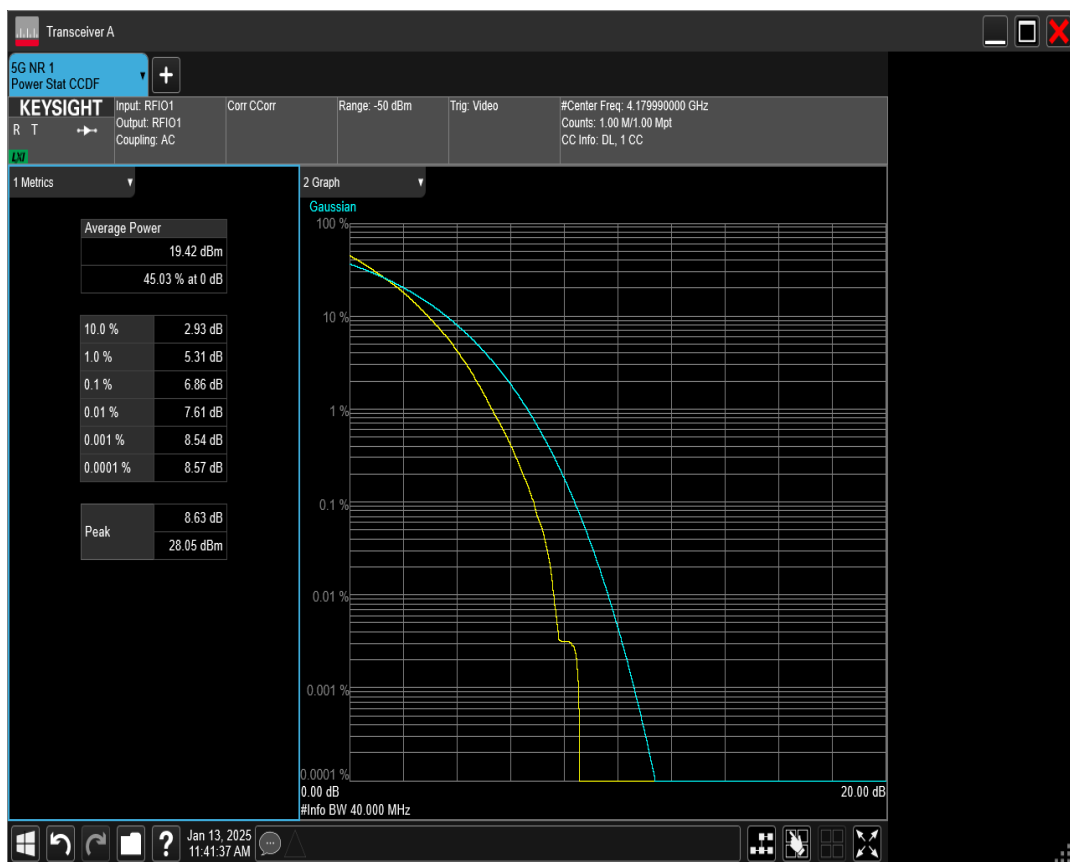
***n77 SCS=30kHz DFT\_QAM256 BW=50MHz Channel=650000 RB=128@0***



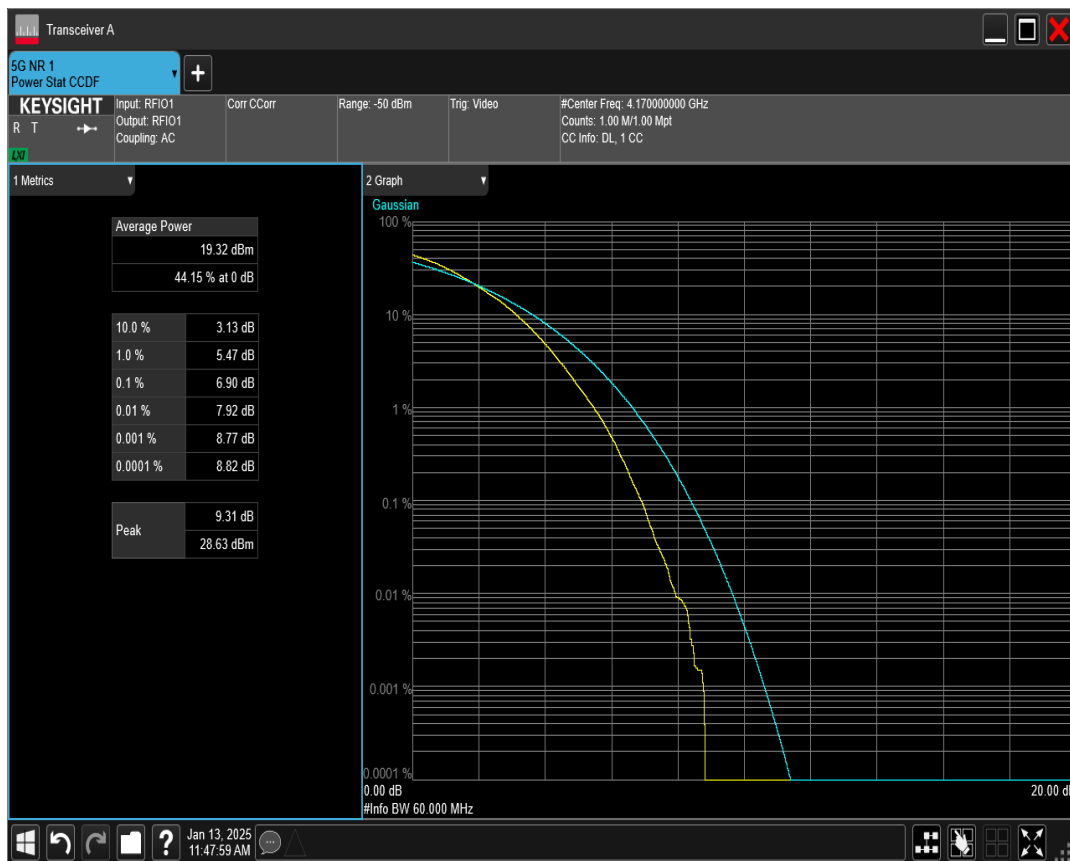
***n77 SCS=30kHz DFT\_QAM256 BW=40MHz Channel=650000 RB=100@0***



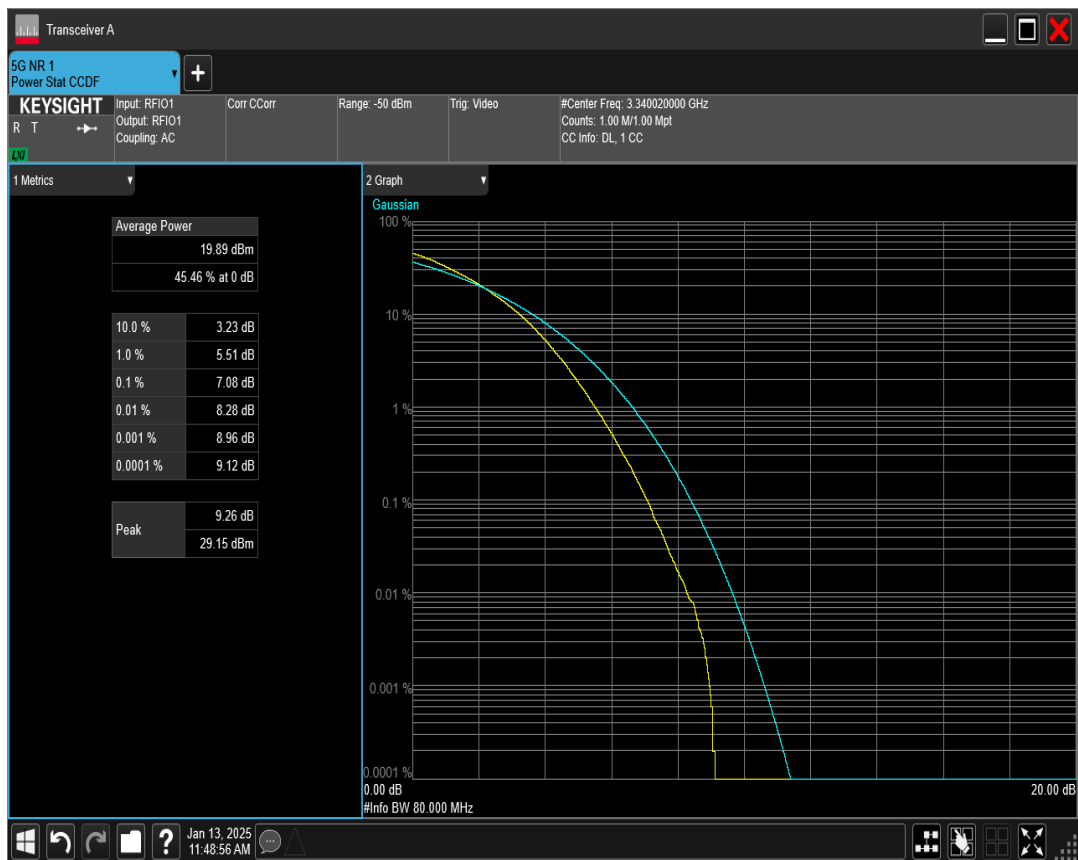
*n77 SCS=30kHz DFT\_QAM256 BW=40MHz Channel=678666 RB=100@0*



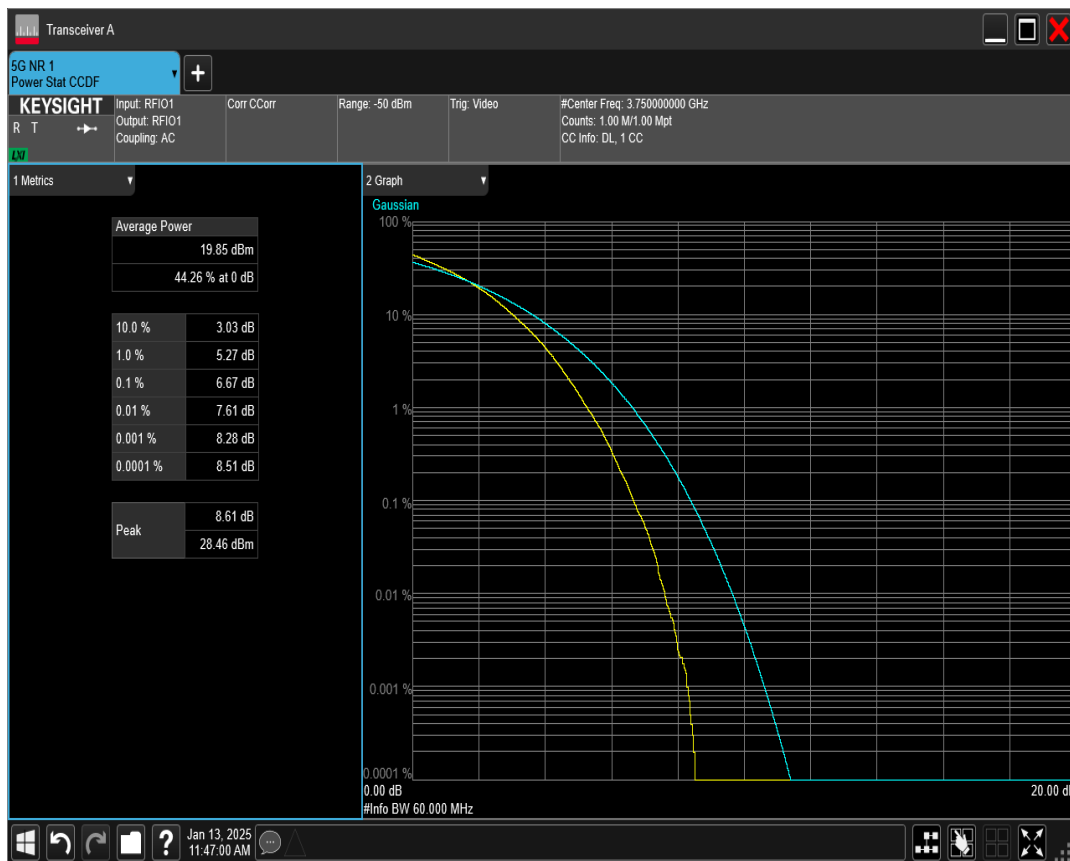
*n77 SCS=30kHz DFT\_QAM256 BW=60MHz Channel=678000 RB=162@0*



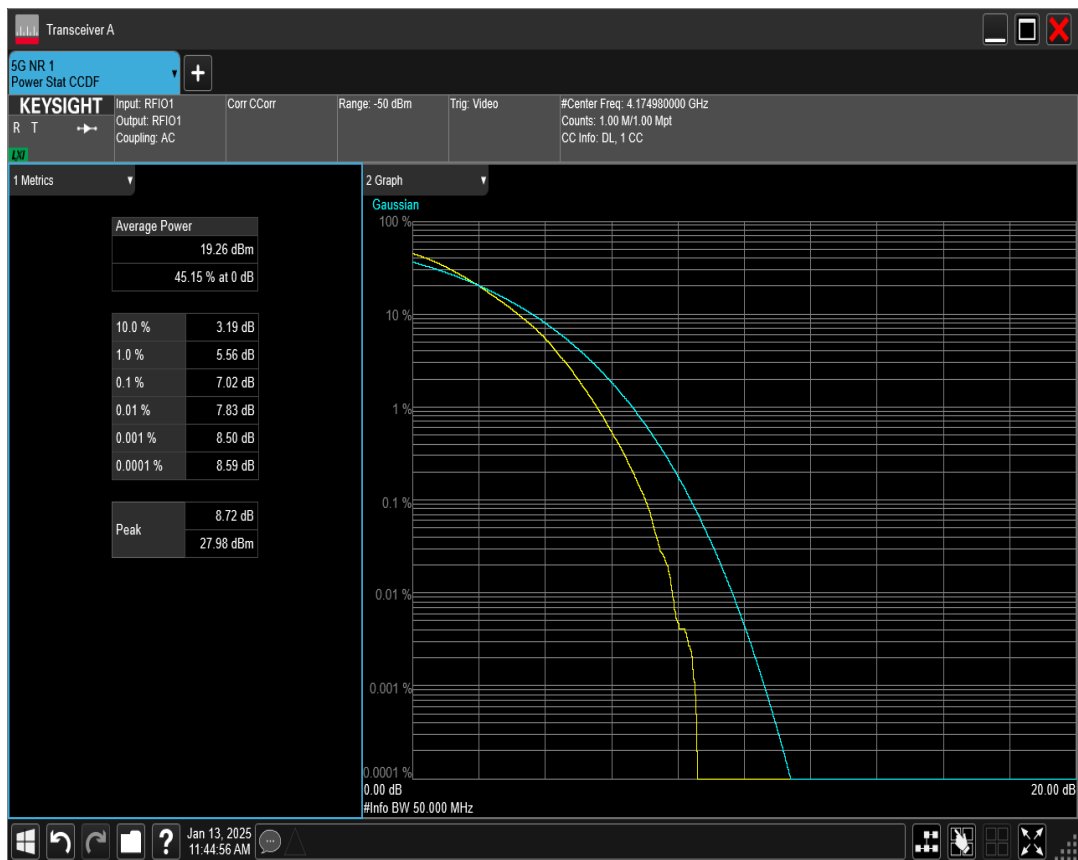
*n77 SCS=30kHz DFT\_QAM256 BW=80MHz Channel=622668 RB=216@0*



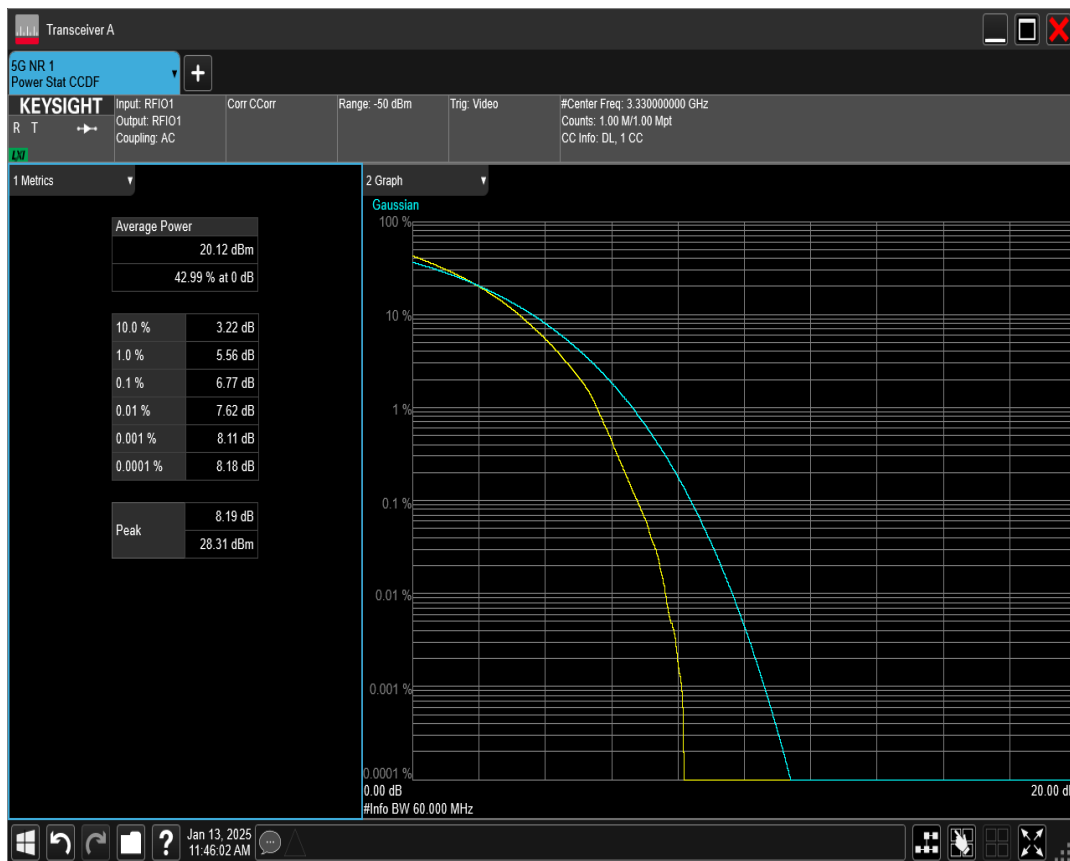
*n77 SCS=30kHz DFT\_QAM256 BW=60MHz Channel=650000 RB=162@0*



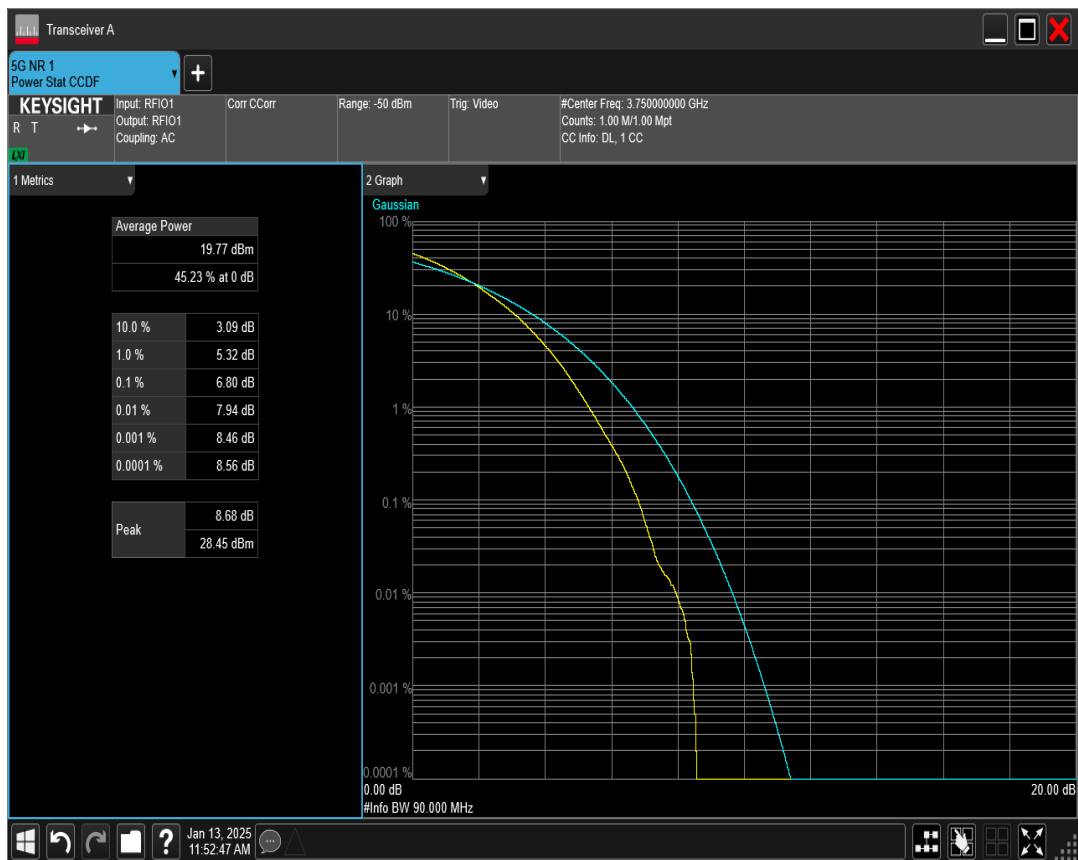
***n77 SCS=30kHz DFT\_QAM256 BW=50MHz Channel=678332 RB=128@0***



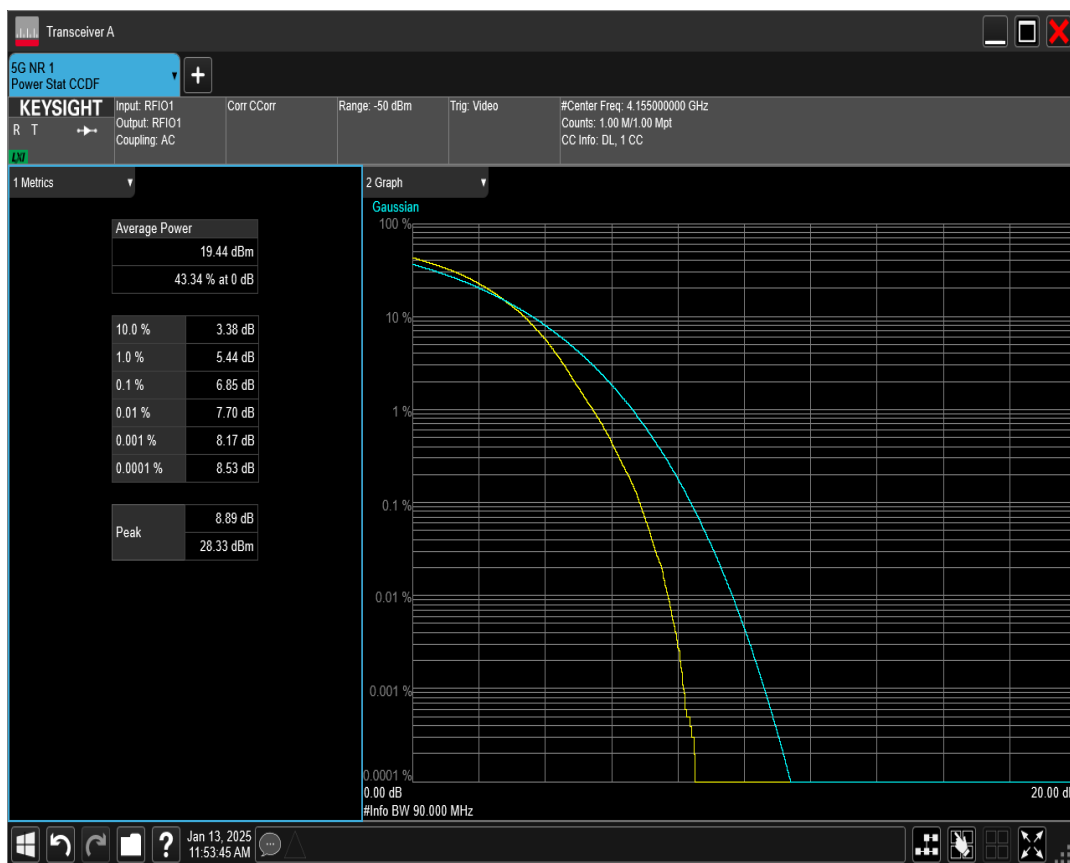
***n77 SCS=30kHz DFT\_QAM256 BW=60MHz Channel=622000 RB=162@0***



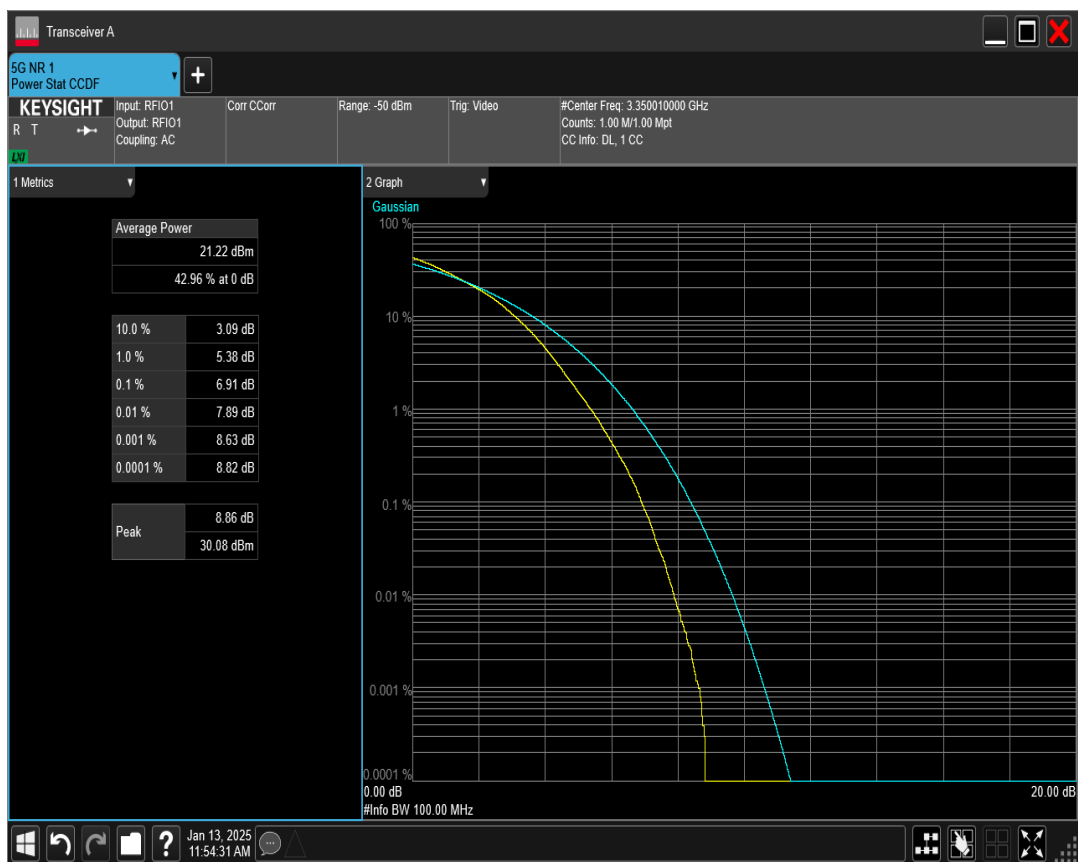
*n77 SCS=30kHz DFT\_QAM256 BW=90MHz Channel=650000 RB=240@0*



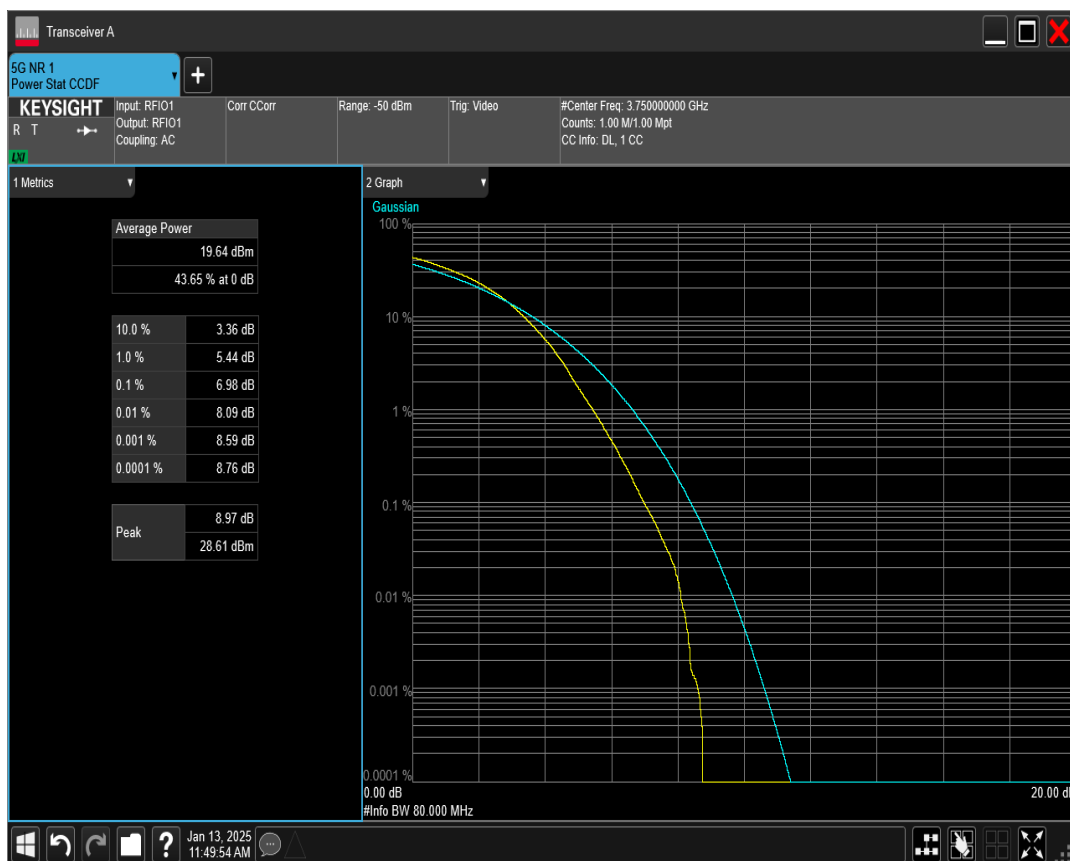
*n77 SCS=30kHz DFT\_QAM256 BW=90MHz Channel=677000 RB=240@0*



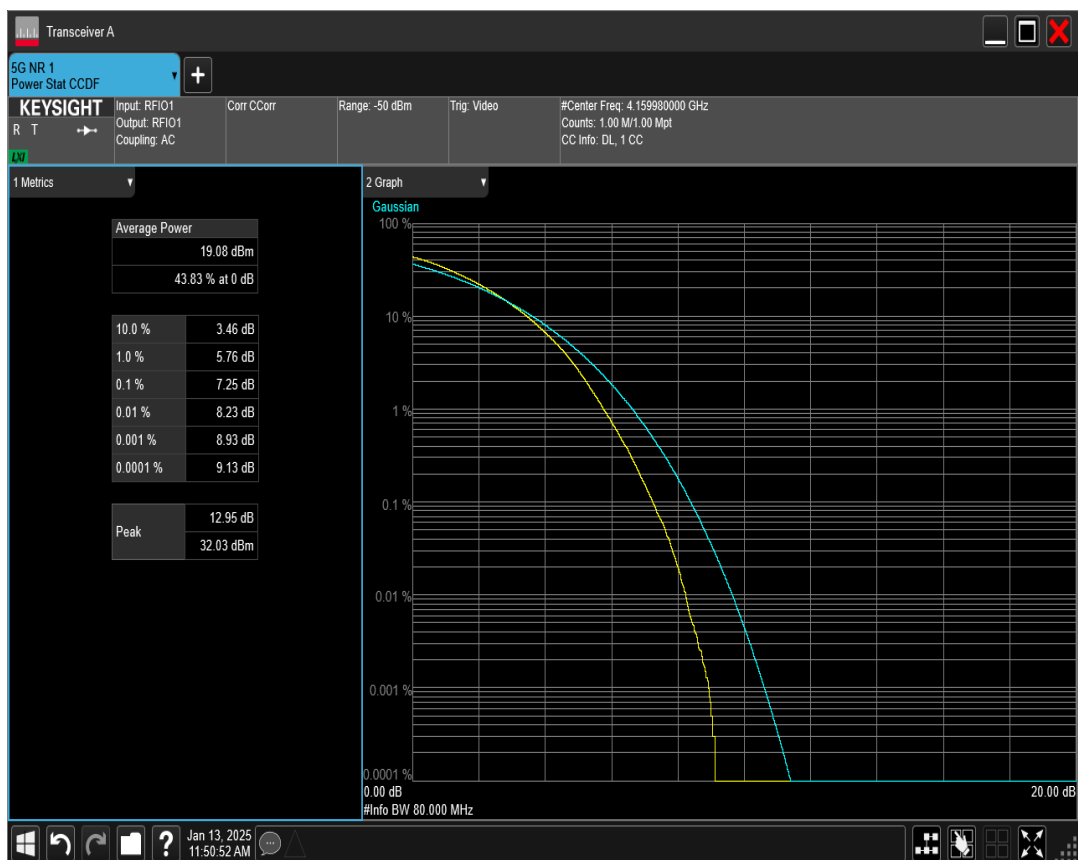
*n77 SCS=30kHz DFT\_QAM64 BW=100MHz Channel=623334 RB=270@0*



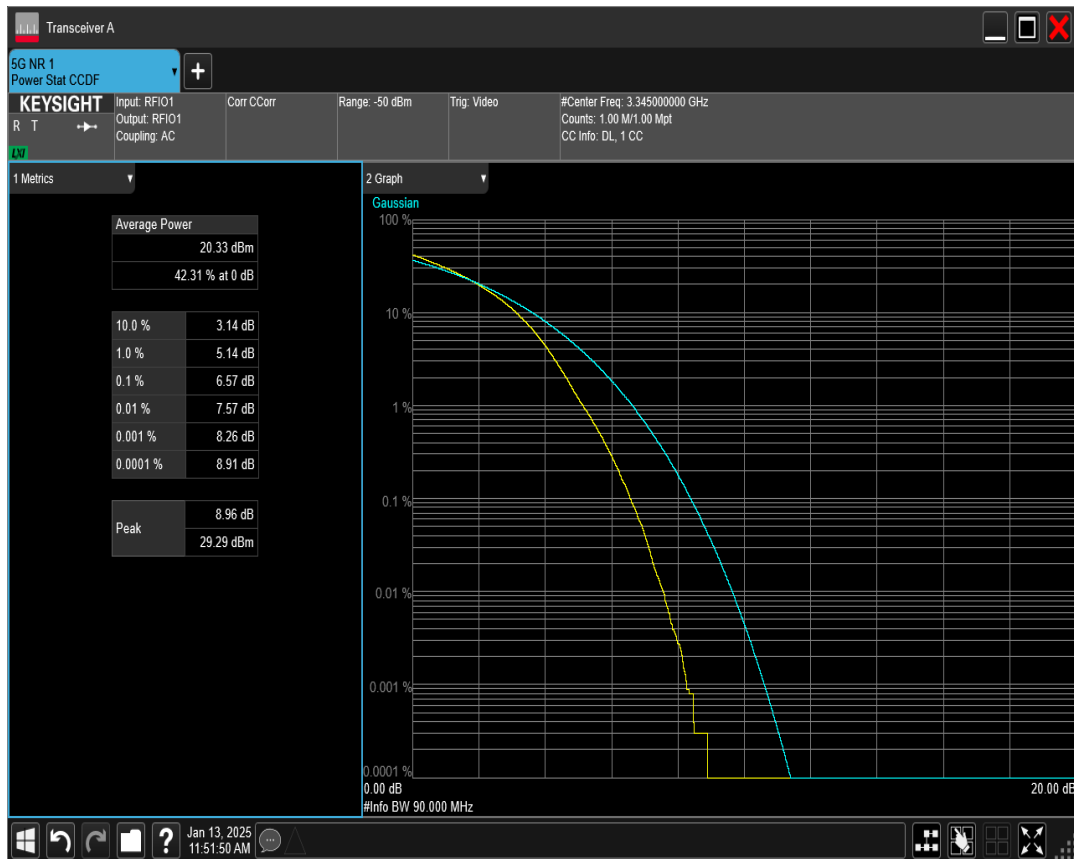
*n77 SCS=30kHz DFT\_QAM256 BW=80MHz Channel=650000 RB=216@0*



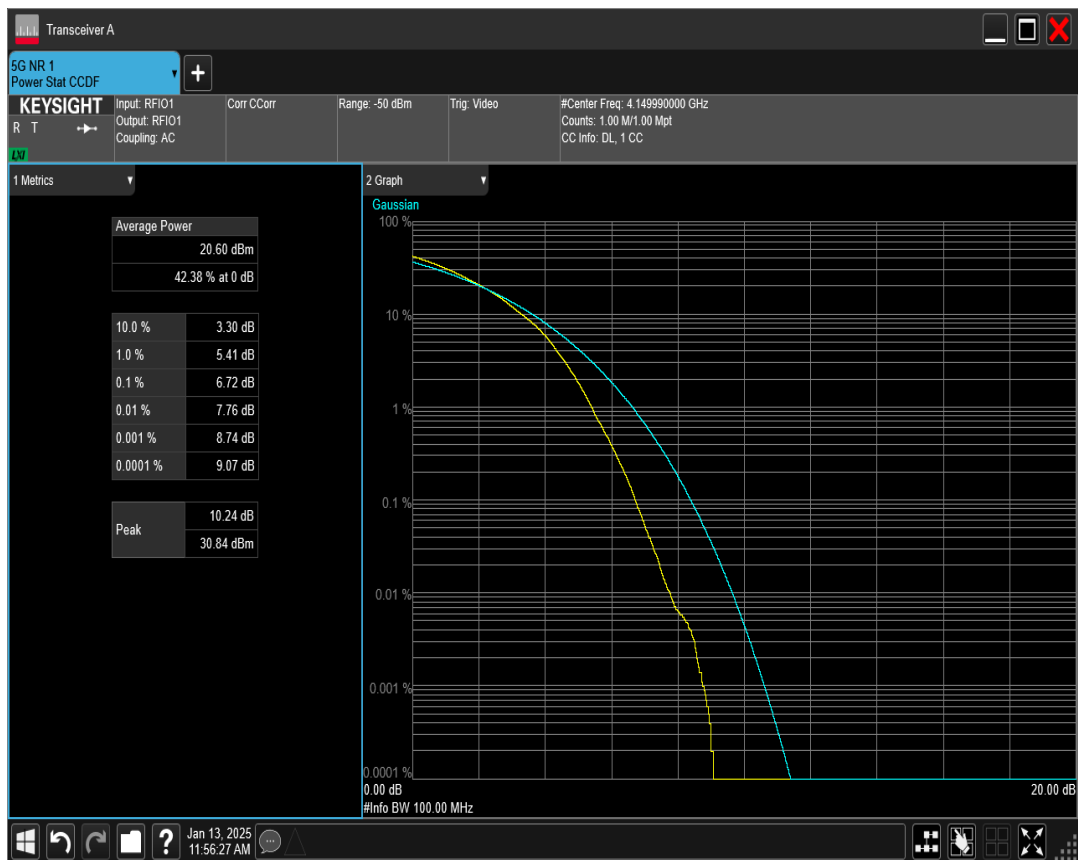
*n77 SCS=30kHz DFT\_QAM256 BW=80MHz Channel=677332 RB=216@0*



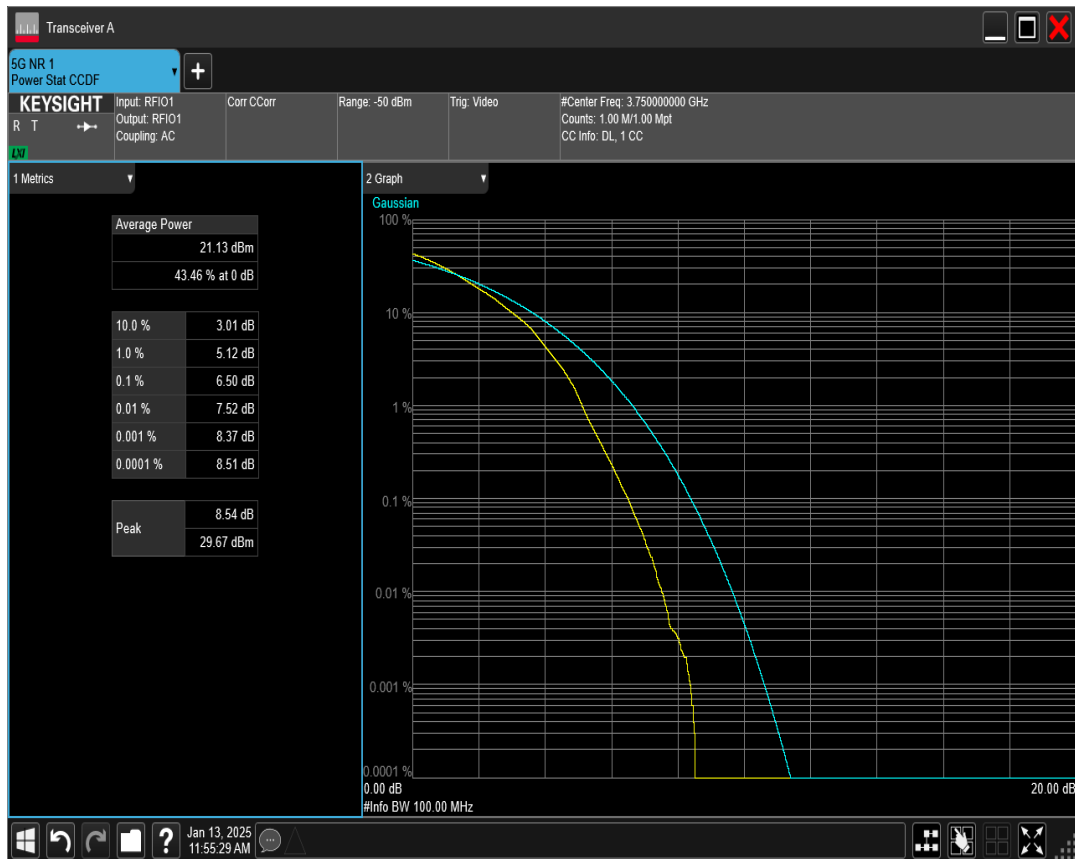
*n77 SCS=30kHz DFT\_QAM256 BW=90MHz Channel=623000 RB=240@0*



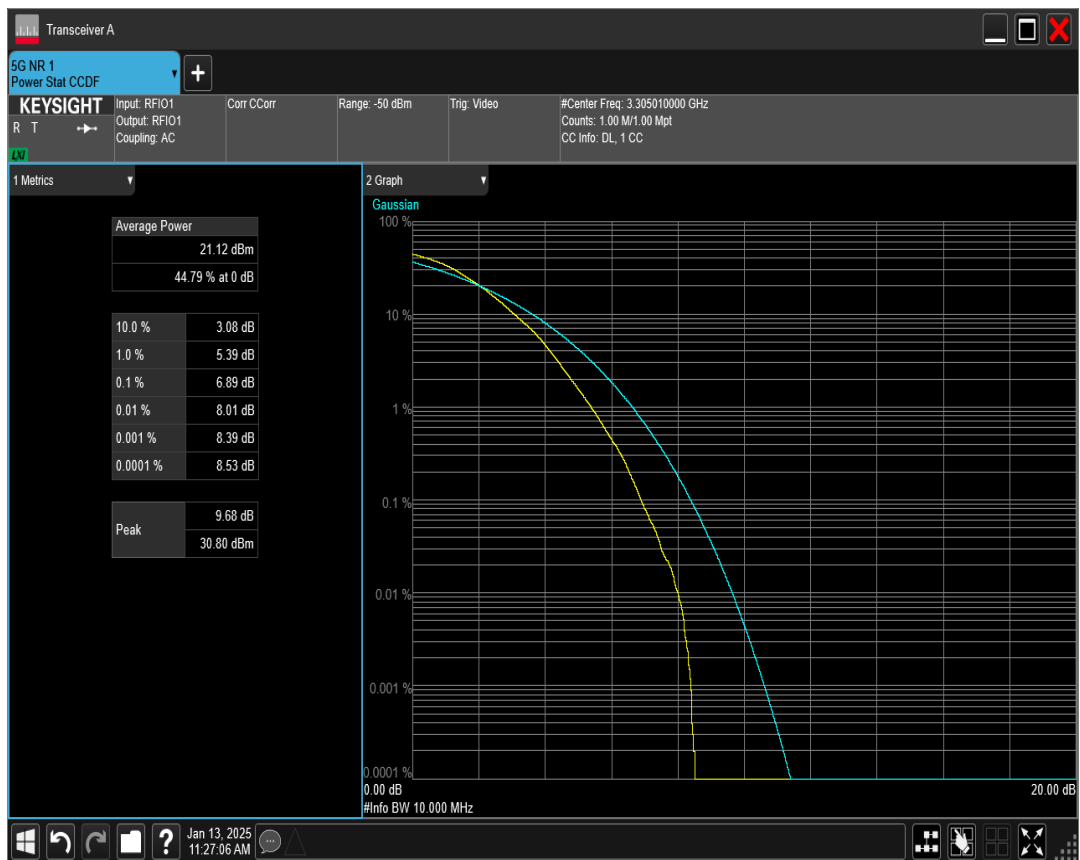
*n77 SCS=30kHz DFT\_QAM64 BW=100MHz Channel=676666 RB=270@0*



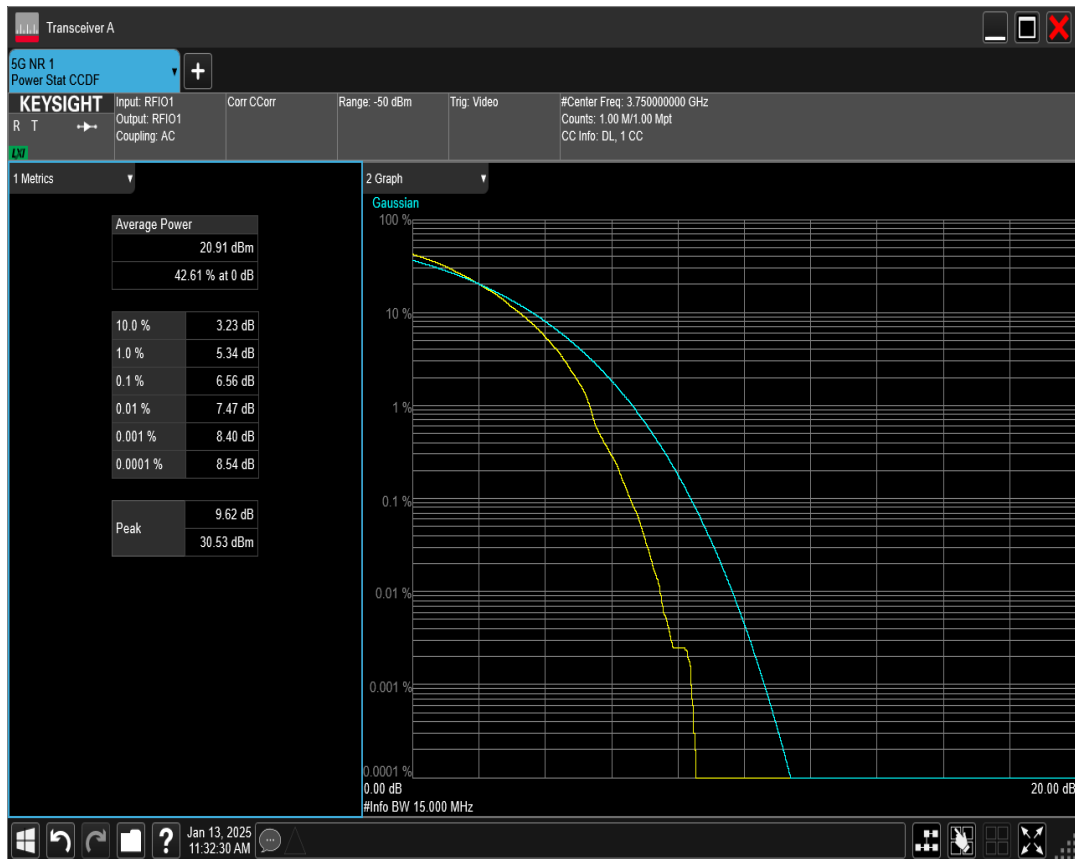
*n77 SCS=30kHz DFT\_QAM64 BW=100MHz Channel=650000 RB=270@0*



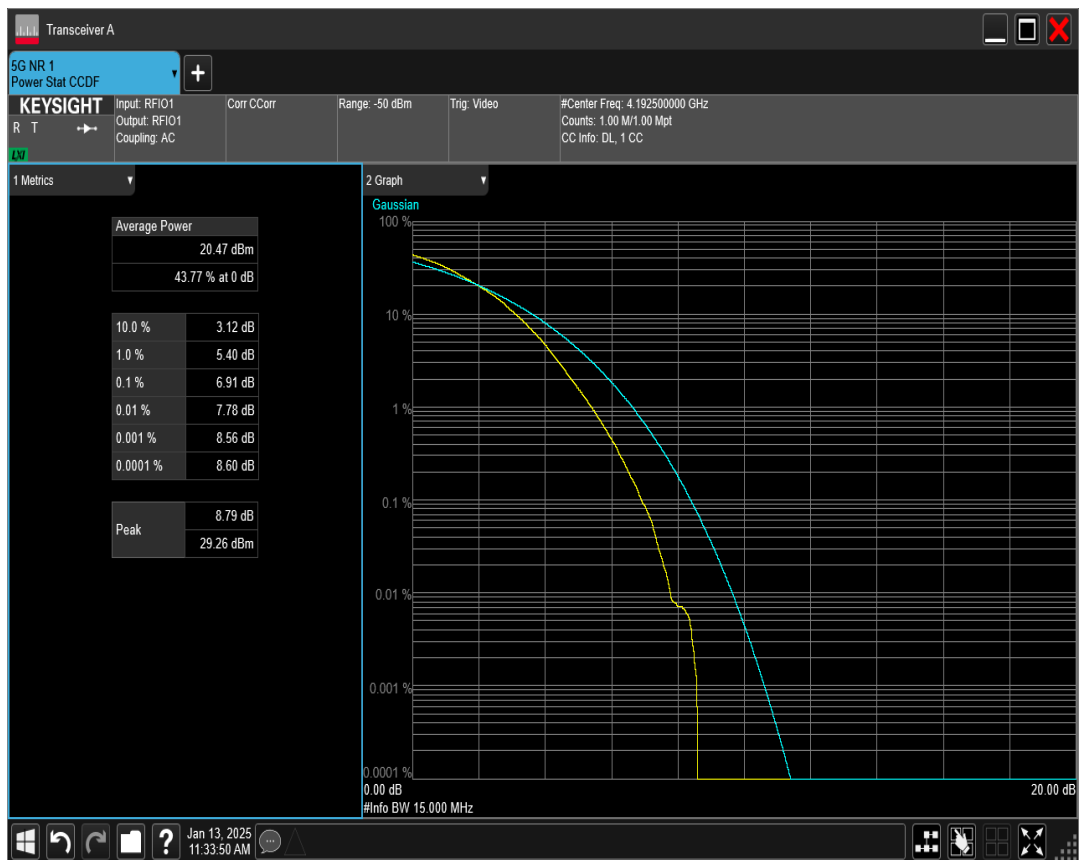
***n77 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=620334 RB=24@0***



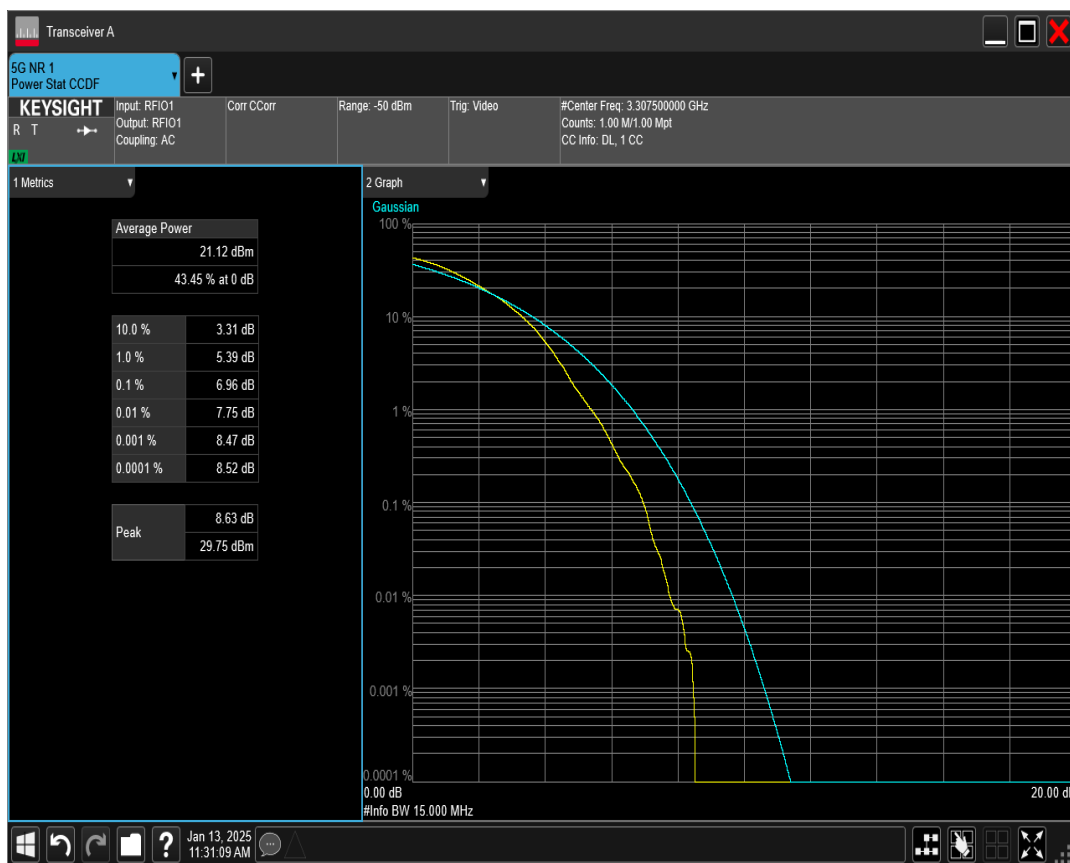
***n77 SCS=30kHz DFT\_QAM64 BW=15MHz Channel=650000 RB=36@0***



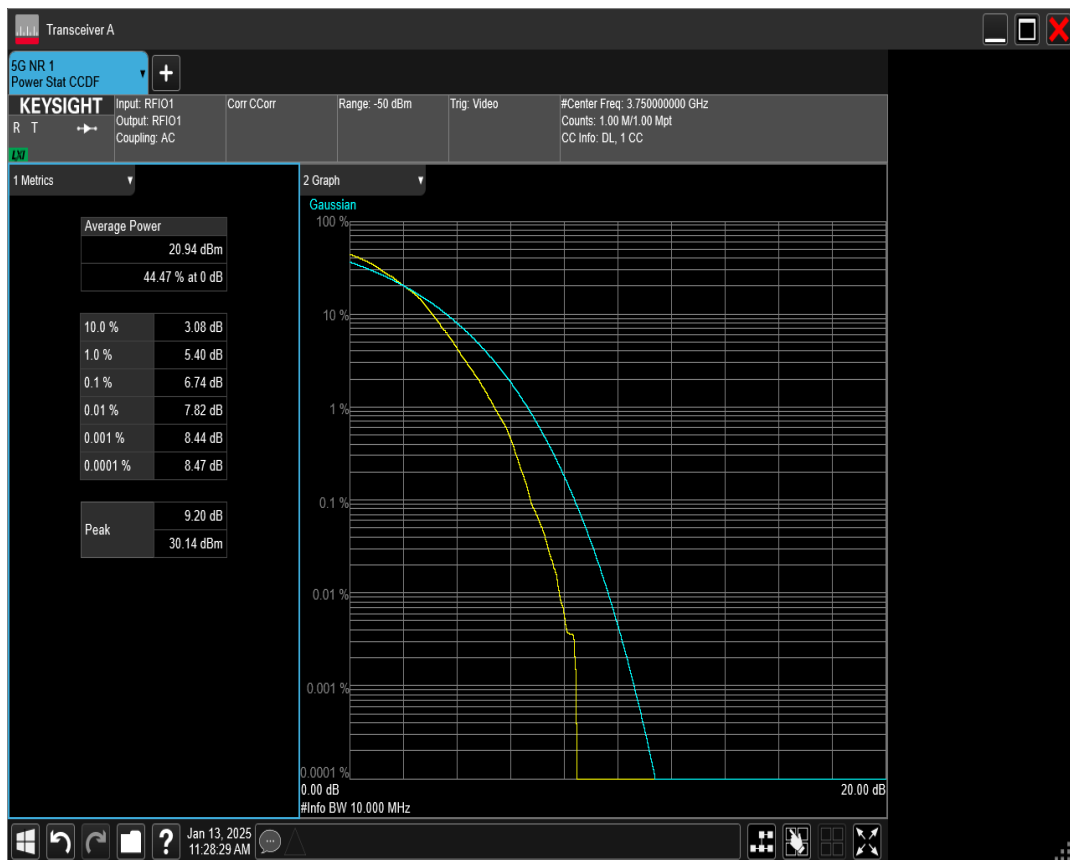
***n77 SCS=30kHz DFT\_QAM64 BW=15MHz Channel=679500 RB=36@0***



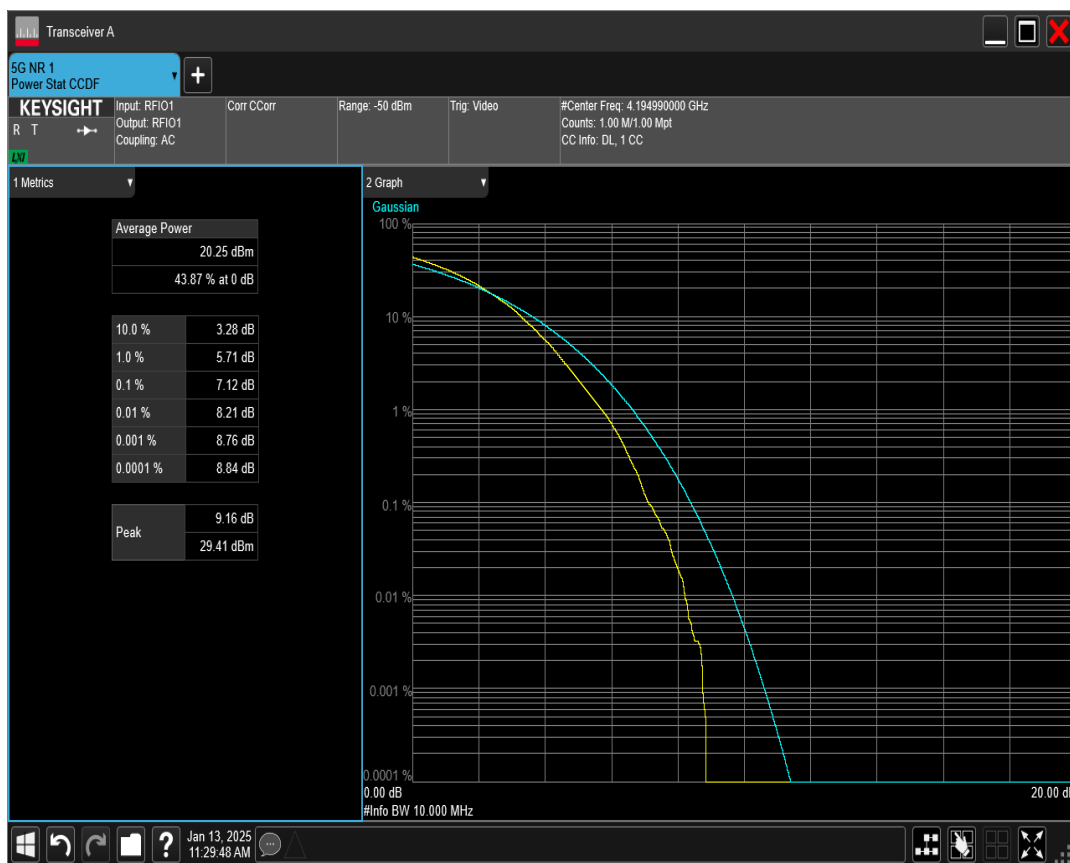
***n77 SCS=30kHz DFT\_QAM64 BW=15MHz Channel=620500 RB=36@0***



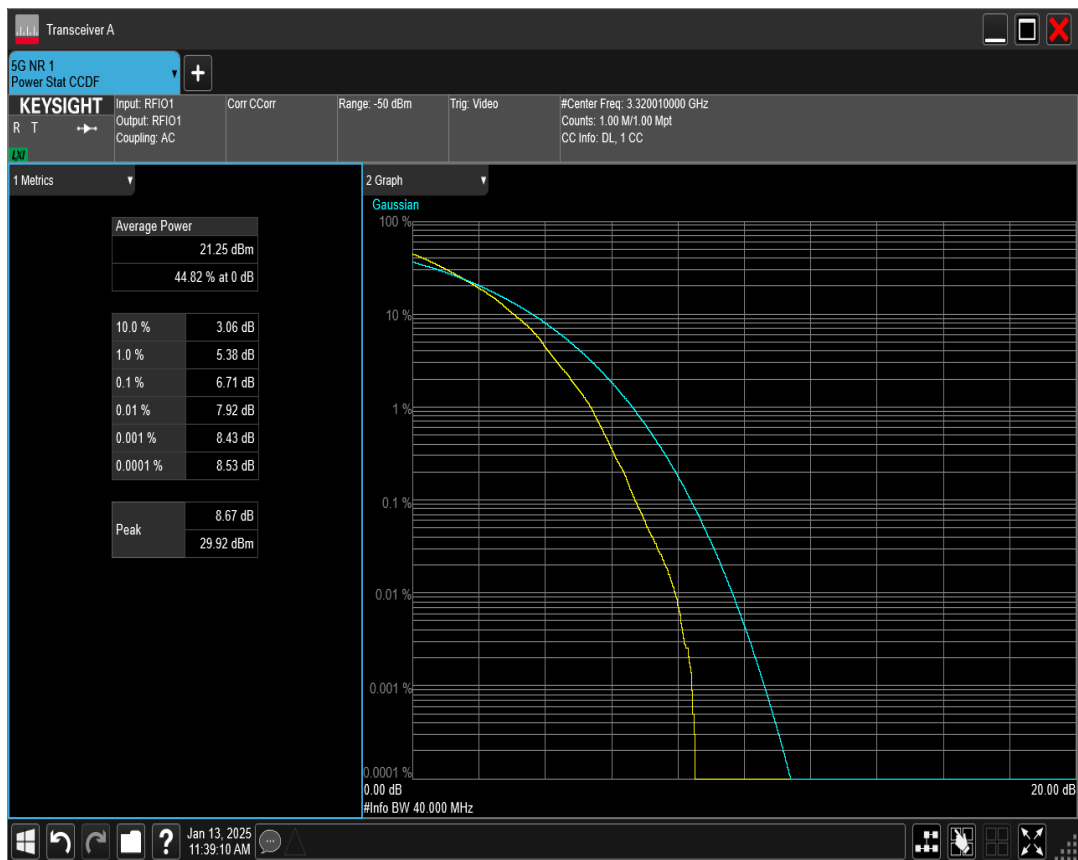
***n77 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=650000 RB=24@0***



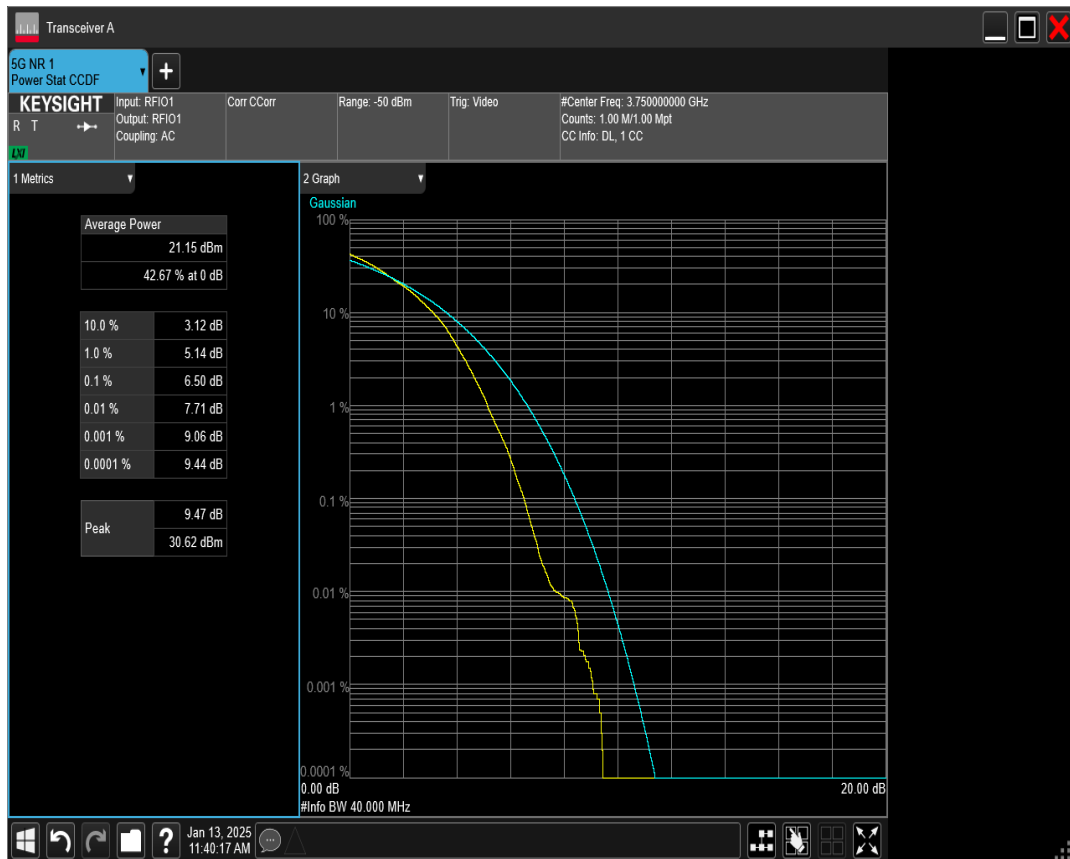
***n77 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=679666 RB=24@0***



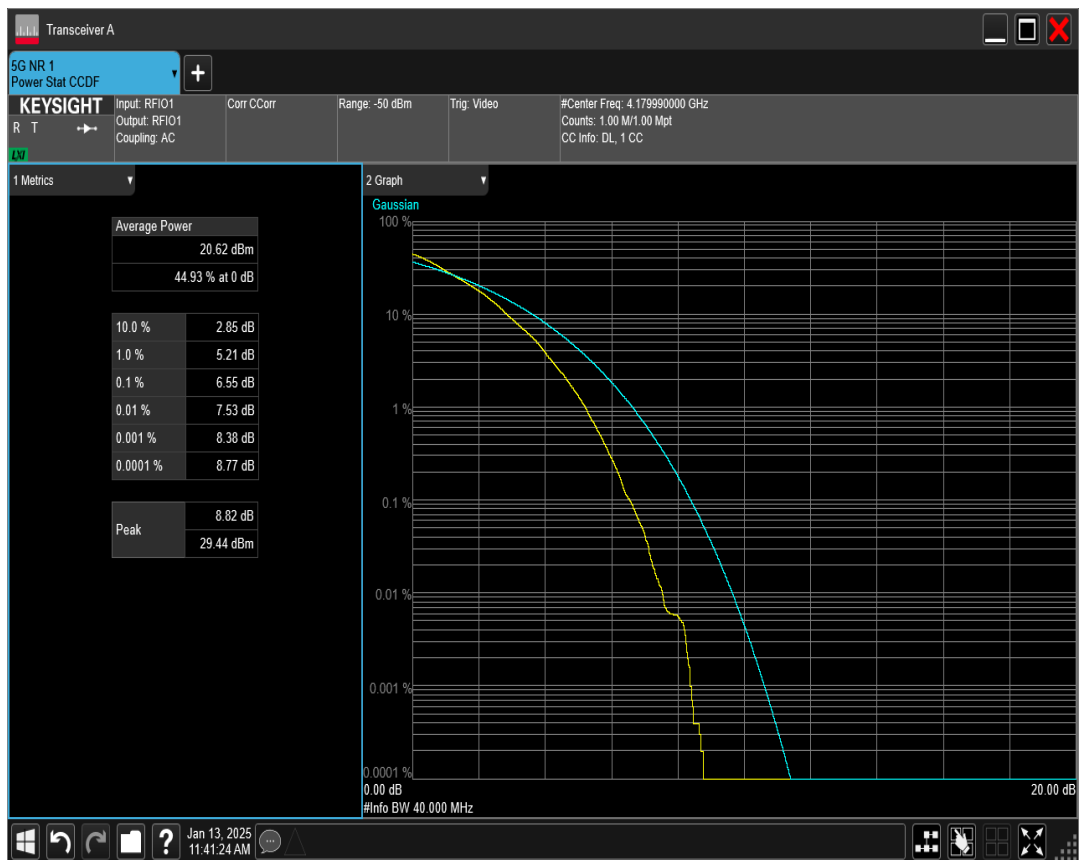
***n77 SCS=30kHz DFT\_QAM64 BW=40MHz Channel=621334 RB=100@0***



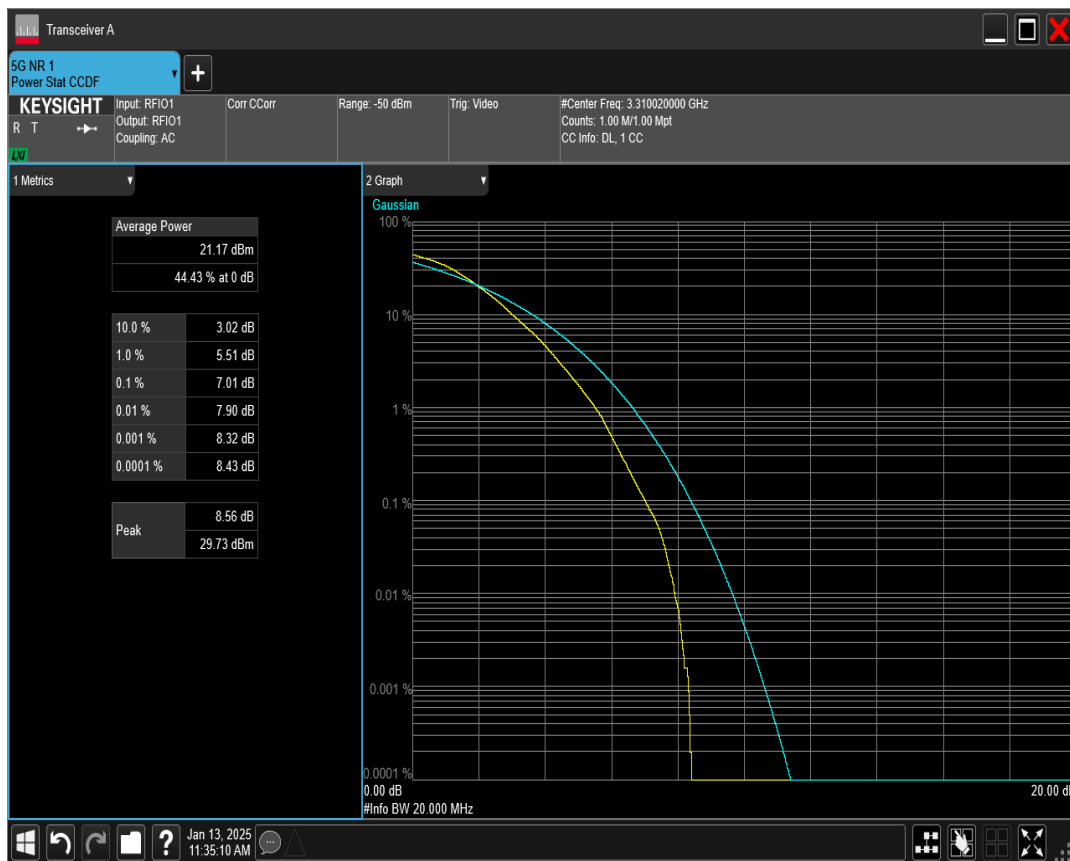
***n77 SCS=30kHz DFT\_QAM64 BW=40MHz Channel=650000 RB=100@0***



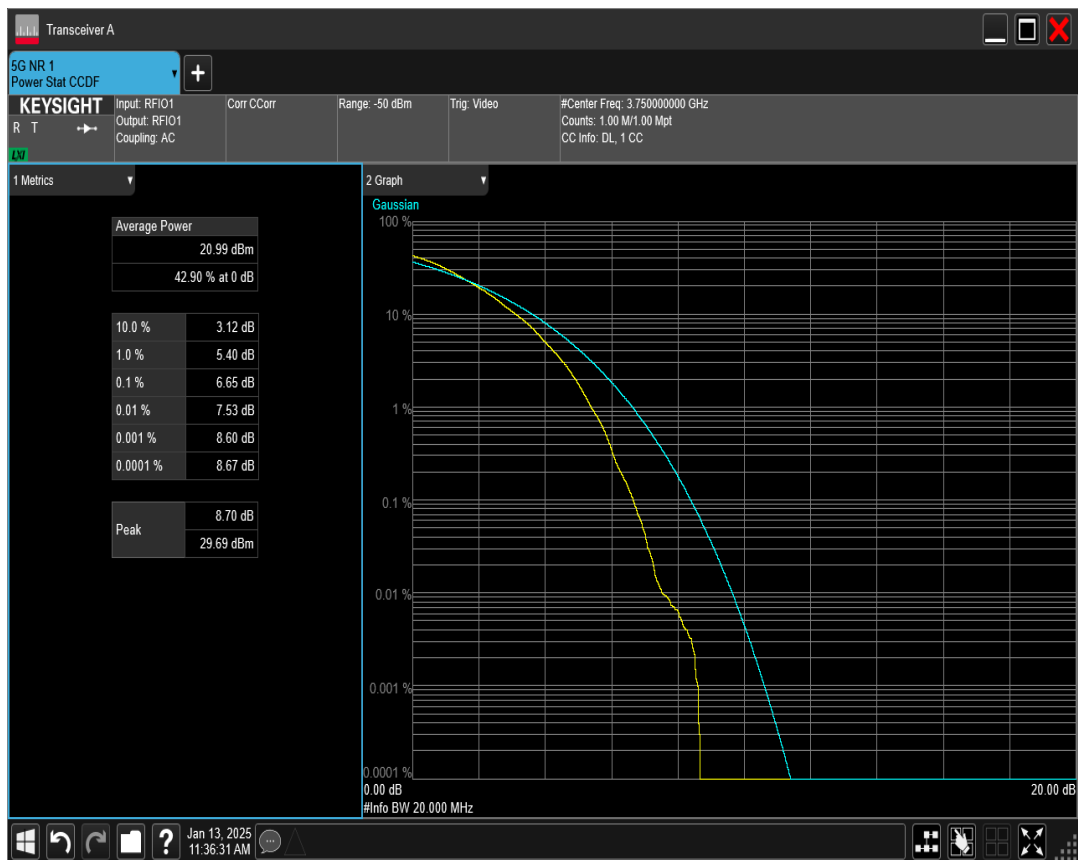
*n77 SCS=30kHz DFT\_QAM64 BW=40MHz Channel=678666 RB=100@0*



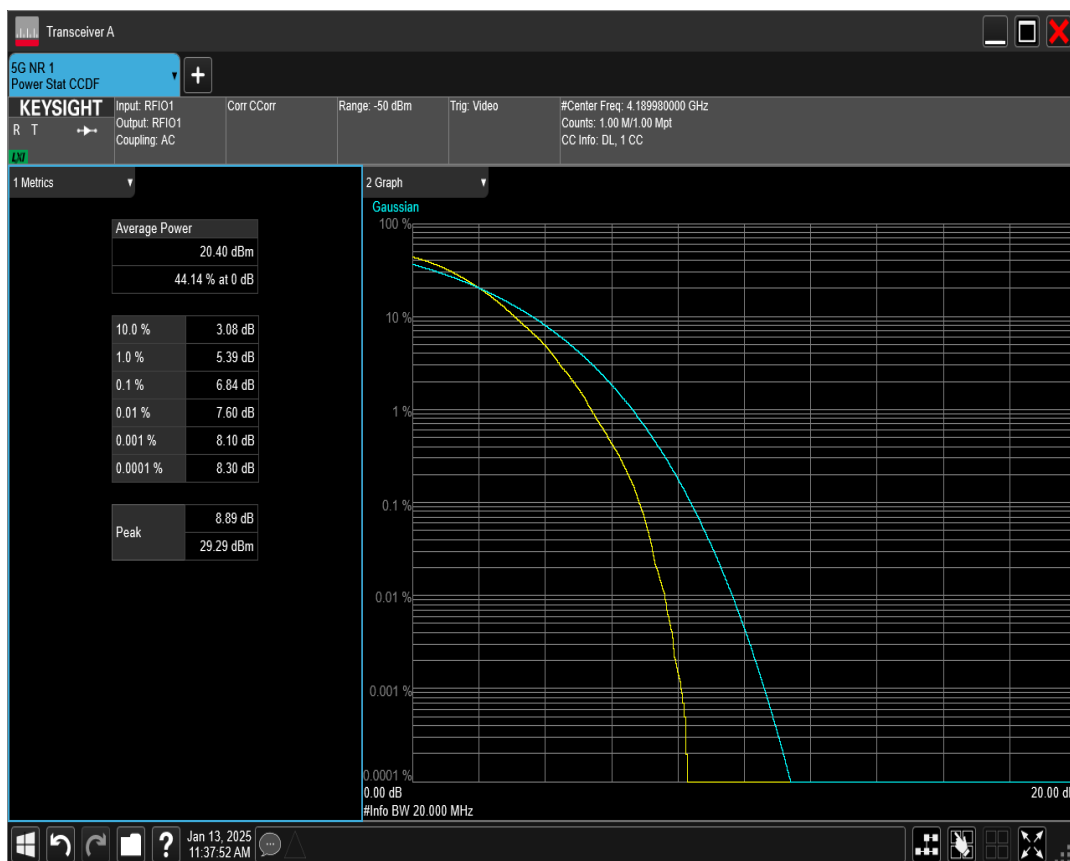
*n77 SCS=30kHz DFT\_QAM64 BW=20MHz Channel=620668 RB=50@0*



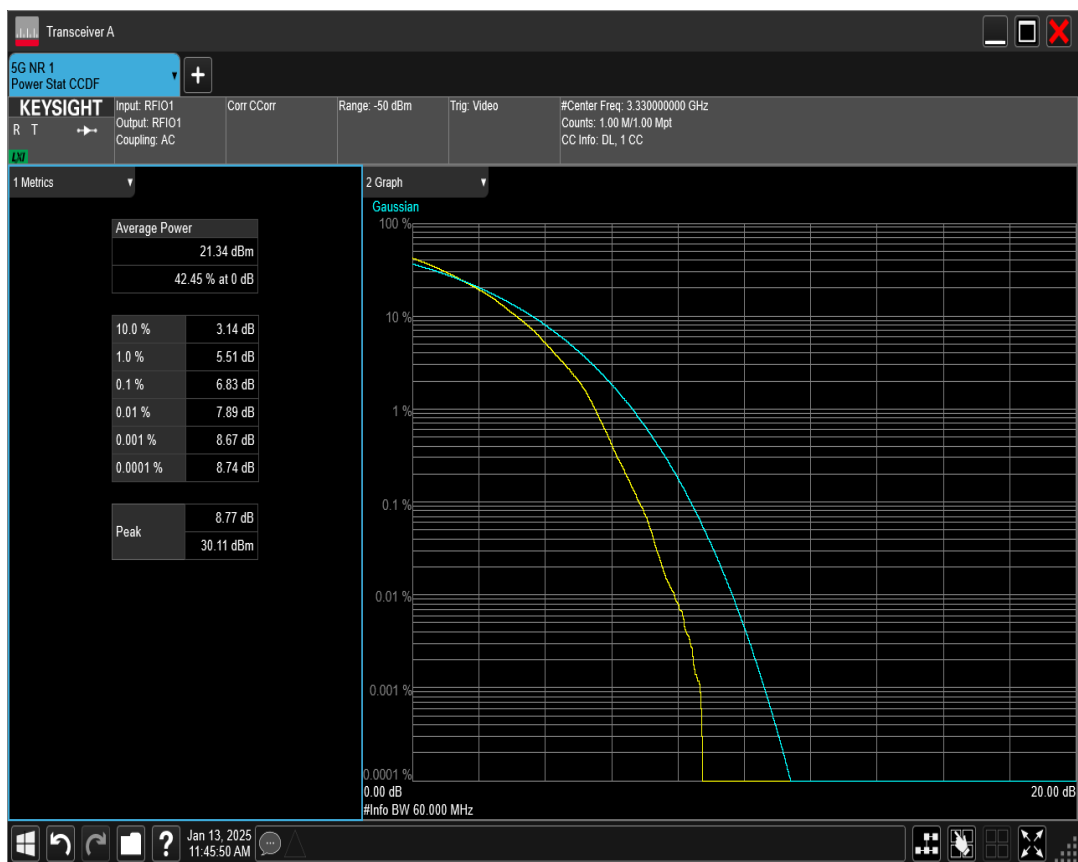
***n77 SCS=30kHz DFT\_QAM64 BW=20MHz Channel=650000 RB=50@0***



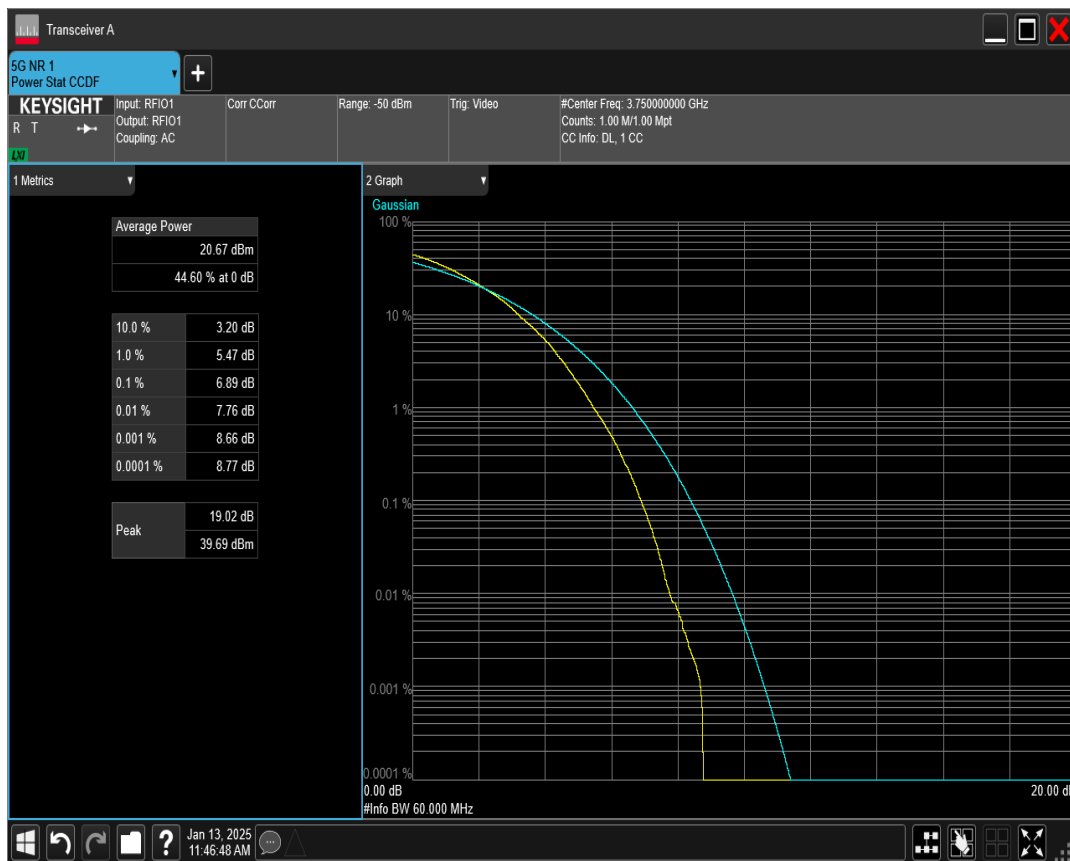
***n77 SCS=30kHz DFT\_QAM64 BW=20MHz Channel=679332 RB=50@0***



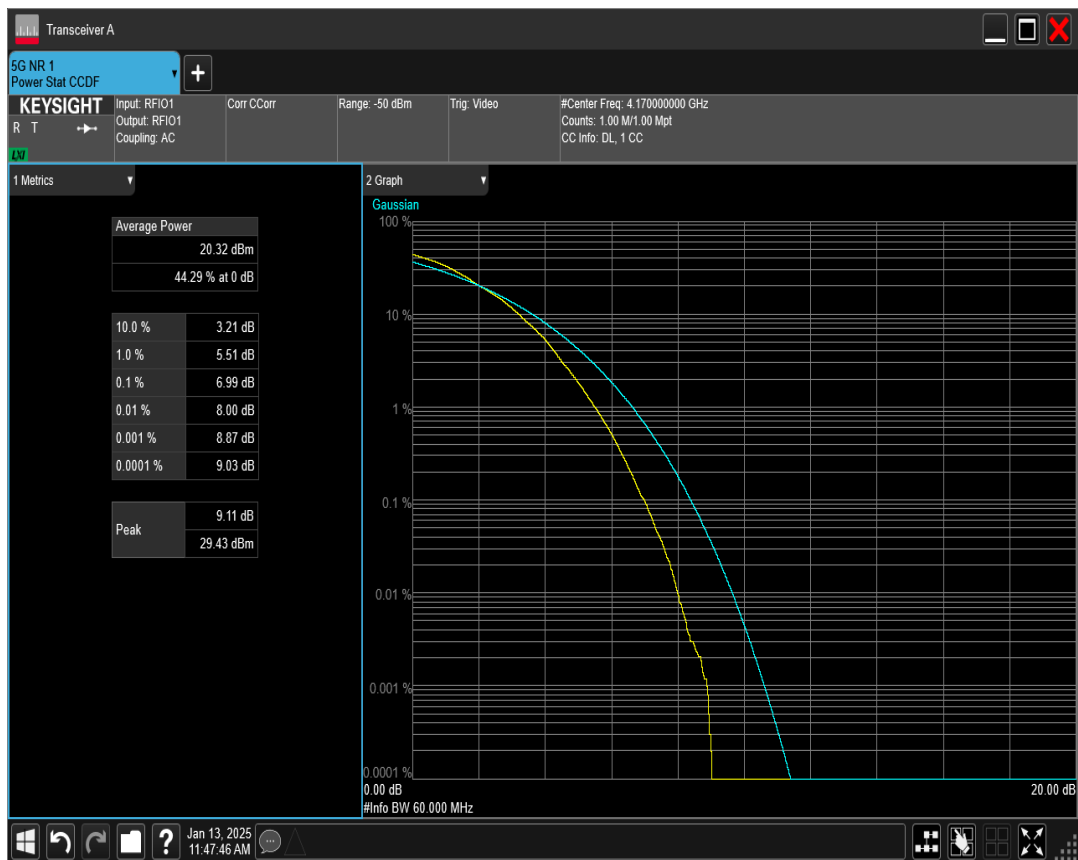
*n77 SCS=30kHz DFT\_QAM64 BW=60MHz Channel=622000 RB=162@0*



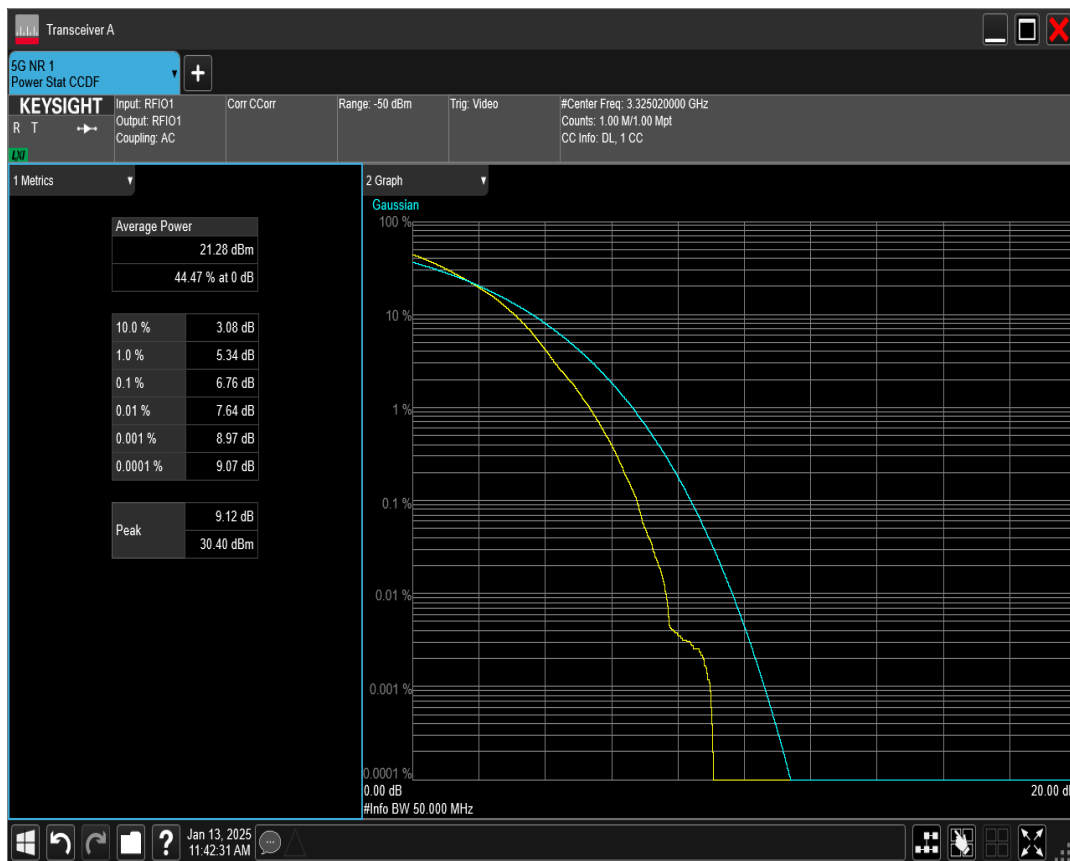
*n77 SCS=30kHz DFT\_QAM64 BW=60MHz Channel=650000 RB=162@0*



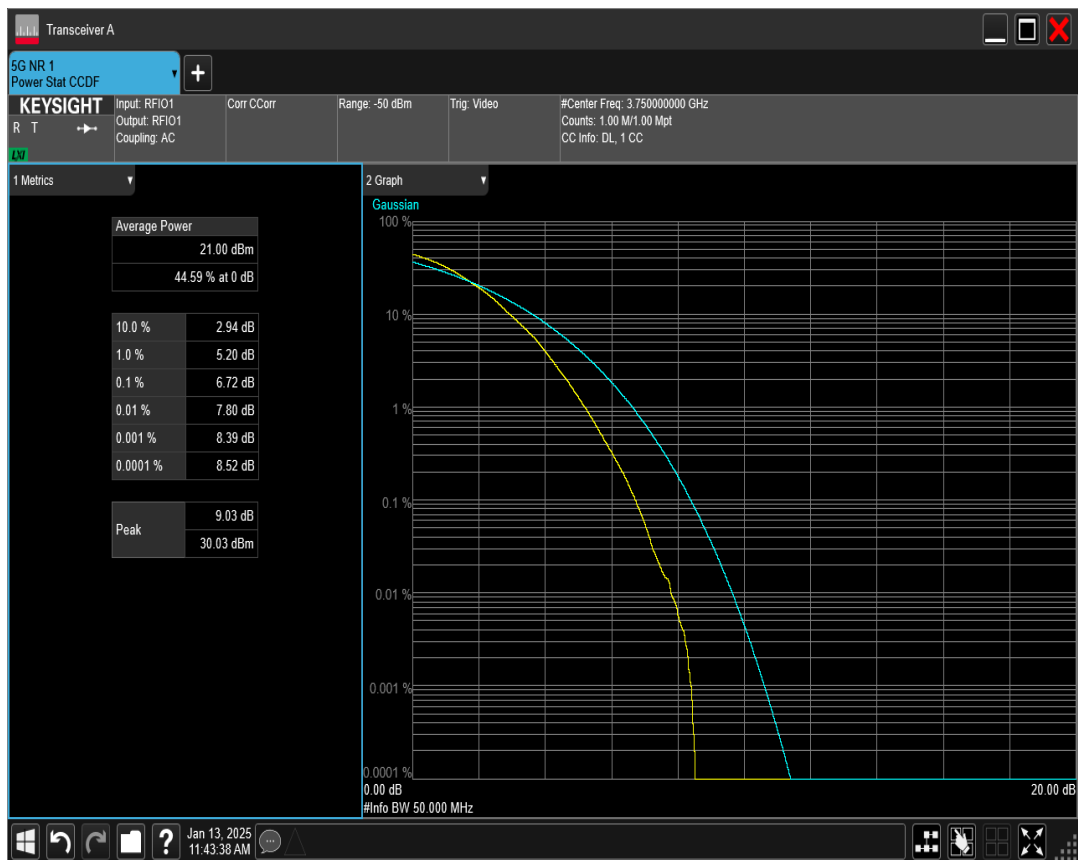
***n77 SCS=30kHz DFT\_QAM64 BW=60MHz Channel=678000 RB=162@0***



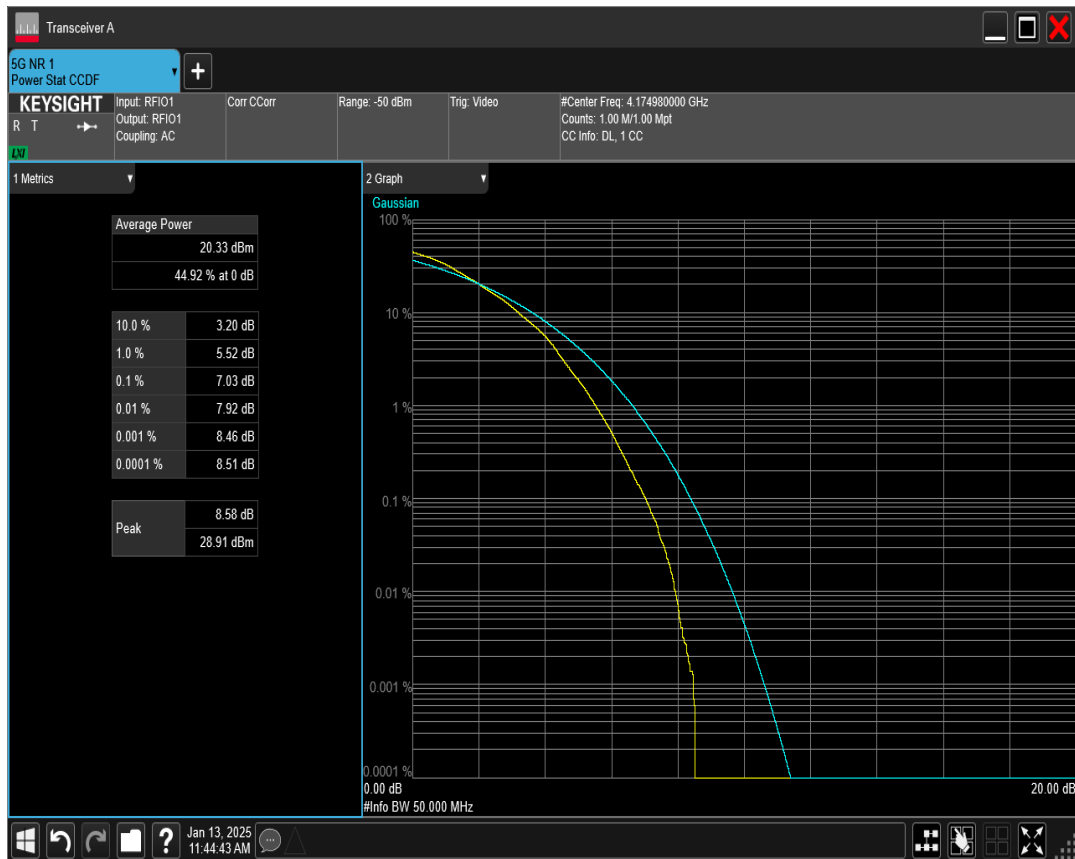
***n77 SCS=30kHz DFT\_QAM64 BW=50MHz Channel=621668 RB=128@0***



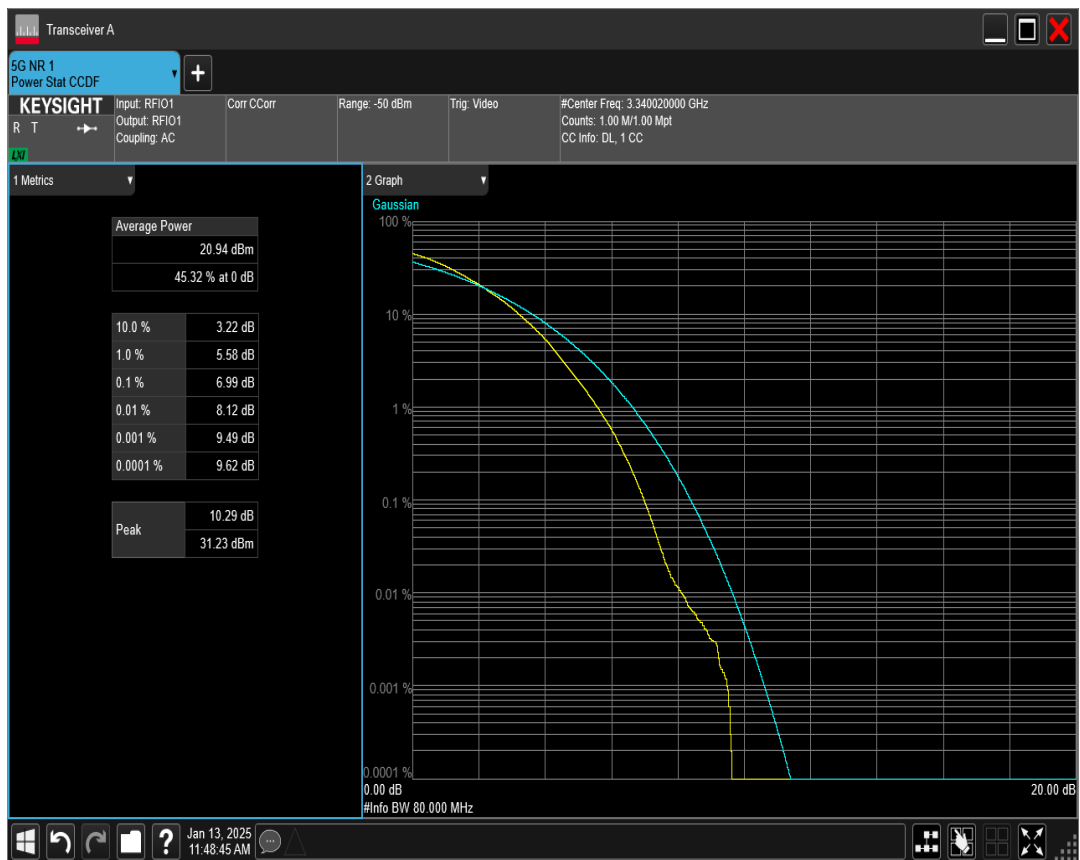
***n77 SCS=30kHz DFT\_QAM64 BW=50MHz Channel=650000 RB=128@0***



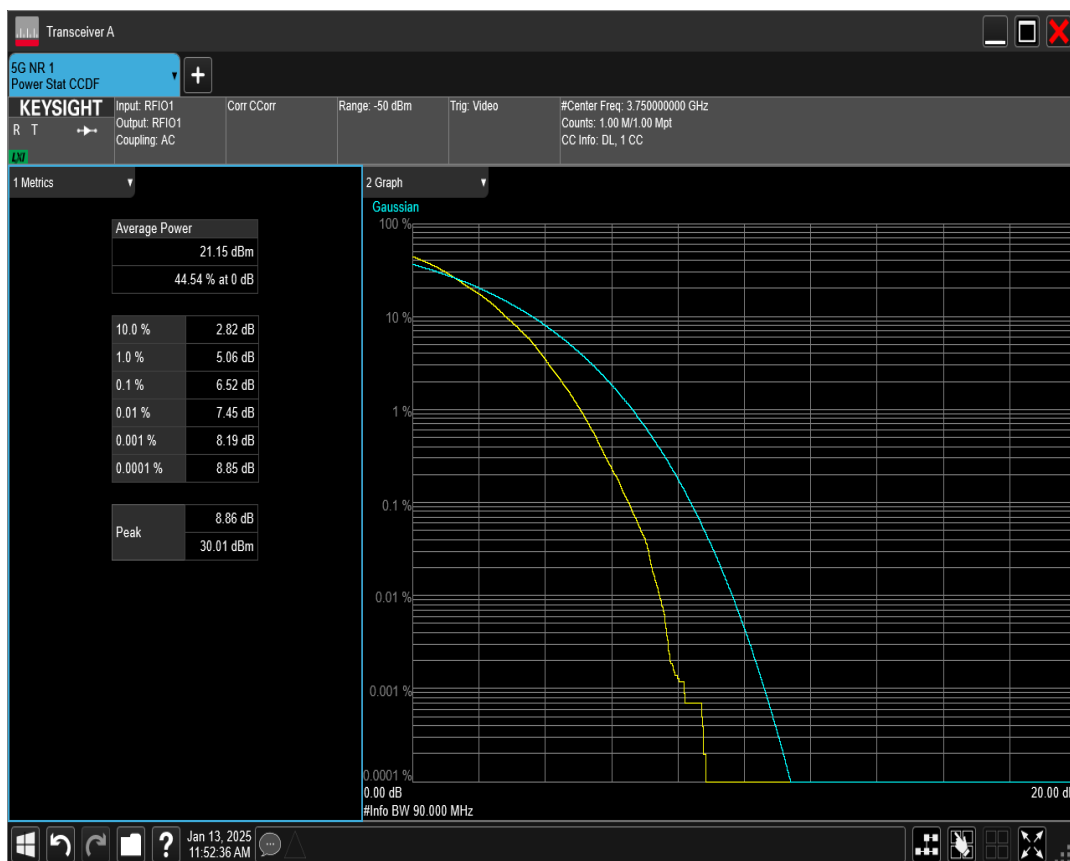
***n77 SCS=30kHz DFT\_QAM64 BW=50MHz Channel=678332 RB=128@0***



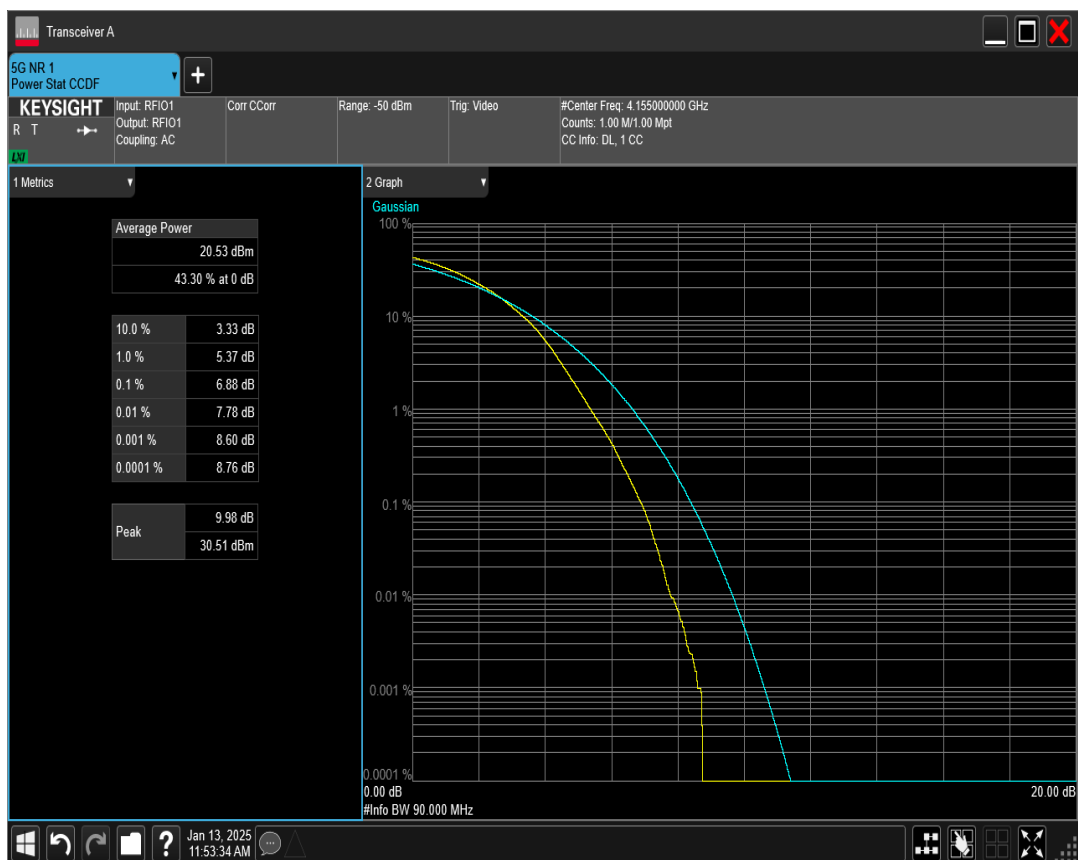
*n77 SCS=30kHz DFT\_QAM64 BW=80MHz Channel=622668 RB=216@0*



*n77 SCS=30kHz DFT\_QAM64 BW=90MHz Channel=650000 RB=240@0*



*n77 SCS=30kHz DFT\_QAM64 BW=90MHz Channel=677000 RB=240@0*



*n77 SCS=30kHz DFT\_QAM64 BW=90MHz Channel=623000 RB=240@0*