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## 1 Conducted output power for EN-DC

| Band  | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | Power<br>(dBm) | Low<br>Limit<br>(dBm) | high<br>Limit<br>(dBm) | Verdict |
|-------|--------------|--------------------|---------------|------------------|------------|----------------|-----------------------|------------------------|---------|
| Band2 | 15           | 5                  | 18625         | 1@0              | QPSK       | 6.03           |                       |                        |         |
| n7    | 15           | 5                  | 500500        | 1@0              | DFT_BPSK   | 20.54          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 20.69          | 19                    | 26                     | PASS    |
| Band2 | 15           | 5                  | 18900         | 8@0              | QPSK       | 6.09           |                       |                        |         |
| n7    | 15           | 5                  | 507000        | 12@6             | DFT_BPSK   | 21.14          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 21.27          | 19                    | 26                     | PASS    |
| Band2 | 15           | 5                  | 18900         | 8@0              | QPSK       | 6.04           |                       |                        |         |
| n7    | 15           | 5                  | 507000        | 12@6             | DFT_QPSK   | 21.10          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 21.23          | 19                    | 26                     | PASS    |
| Band2 | 15           | 5                  | 19175         | 1@17             | QPSK       | 15.18          |                       |                        |         |
| n7    | 15           | 5                  | 513500        | 1@24             | DFT_BPSK   | 20.77          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 21.82          | 19                    | 26                     | PASS    |
| Band2 | 15           | 5                  | 19175         | 8@17             | QPSK       | 5.42           |                       |                        |         |
| n7    | 15           | 5                  | 513500        | 12@6             | DFT_BPSK   | 20.73          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 20.85          | 19                    | 26                     | PASS    |
| Band2 | 15           | 5                  | 19175         | 1@17             | QPSK       | 5.23           |                       |                        |         |
| n7    | 15           | 5                  | 513500        | 1@24             | DFT_QPSK   | 20.69          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 20.81          | 19                    | 26                     | PASS    |
| Band2 | 15           | 5                  | 19175         | 8@17             | QPSK       | 5.42           |                       |                        |         |
| n7    | 15           | 5                  | 513500        | 12@6             | DFT_QPSK   | 20.70          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 20.82          | 19                    | 26                     | PASS    |
| Band2 | 15           | 20                 | 18700         | 1@0              | QPSK       | 6.13           |                       |                        |         |
| n7    | 15           | 20                 | 502000        | 1@0              | DFT_BPSK   | 20.37          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 20.53          | 19                    | 26                     | PASS    |
| Band2 | 15           | 20                 | 18900         | 18@0             | QPSK       | 6.04           |                       |                        |         |
| n7    | 15           | 20                 | 507000        | 50@25            | DFT_BPSK   | 21.15          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 21.28          | 19                    | 26                     | PASS    |
| Band2 | 15           | 20                 | 18900         | 18@0             | QPSK       | 6.04           |                       |                        |         |
| n7    | 15           | 20                 | 507000        | 50@25            | DFT_QPSK   | 21.12          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 21.25          | 19                    | 26                     | PASS    |
| Band2 | 15           | 20                 | 19100         | 1@72             | QPSK       | 5.54           |                       |                        |         |
| n7    | 15           | 20                 | 512000        | 1@105            | DFT_BPSK   | 21.09          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 21.20          | 19                    | 26                     | PASS    |
| Band2 | 15           | 20                 | 19100         | 18@72            | QPSK       | 5.53           |                       |                        |         |
| n7    | 15           | 20                 | 512000        | 50@25            | DFT_BPSK   | 21.52          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 21.62          | 19                    | 26                     | PASS    |
| Band2 | 15           | 20                 | 19100         | 1@72             | QPSK       | 5.49           |                       |                        |         |
| n7    | 15           | 20                 | 512000        | 1@105            | DFT_QPSK   | 21.21          |                       |                        |         |

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|       |    |    |        |       |          |       |    |    |      |
|-------|----|----|--------|-------|----------|-------|----|----|------|
| Sum   | 15 |    |        |       |          | 21.32 | 19 | 26 | PASS |
| Band2 | 15 | 20 | 19100  | 18@72 | QPSK     | 5.52  |    |    |      |
| n7    | 15 | 20 | 512000 | 50@25 | DFT_QPSK | 21.50 |    |    |      |
| Sum   | 15 |    |        |       |          | 21.60 | 19 | 26 | PASS |

## 2 Frequency stability for EN-DC

| Band | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | Result(Hz) | Result<br>(ppm) | Low<br>Limit<br>(ppm) | high<br>Limit<br>(ppm) | Verdict |
|------|--------------|--------------------|---------------|------------------|------------|------------|-----------------|-----------------------|------------------------|---------|
| n7   | 15           | 5                  | 500500        | 12@6             | DFT_BPSK   | -1.68      | -0.00067        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 1@1              | DFT_BPSK   | -2.74      | -0.00109        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 1@23             | DFT_BPSK   | -3.45      | -0.00138        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 12@6             | DFT_QPSK   | -3.53      | -0.00141        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 1@1              | DFT_QPSK   | -2.49      | -0.00100        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 1@23             | DFT_QPSK   | -2.44      | -0.00098        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 12@6             | DFT_BPSK   | -4.59      | -0.00181        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 1@1              | DFT_BPSK   | -3.90      | -0.00154        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 1@23             | DFT_BPSK   | -3.42      | -0.00135        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 12@6             | DFT_QPSK   | -4.48      | -0.00177        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 1@1              | DFT_QPSK   | -5.05      | -0.00199        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 1@23             | DFT_QPSK   | -4.50      | -0.00178        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 12@6             | DFT_BPSK   | -2.88      | -0.00112        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 1@1              | DFT_BPSK   | -2.94      | -0.00115        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 1@23             | DFT_BPSK   | -2.03      | -0.00079        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 12@6             | DFT_QPSK   | -2.44      | -0.00095        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 1@1              | DFT_QPSK   | -2.42      | -0.00094        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 1@23             | DFT_QPSK   | -3.31      | -0.00129        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 36@18            | DFT_BPSK   | -3.01      | -0.00120        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 1@1              | DFT_BPSK   | -0.26      | -0.00010        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 1@77             | DFT_BPSK   | -1.49      | -0.00059        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 36@18            | DFT_QPSK   | -4.82      | -0.00192        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 1@1              | DFT_QPSK   | -3.80      | -0.00152        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 1@77             | DFT_QPSK   | -5.29      | -0.00211        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 36@18            | DFT_BPSK   | -3.43      | -0.00135        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 1@1              | DFT_BPSK   | -5.03      | -0.00198        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 1@77             | DFT_BPSK   | -3.46      | -0.00136        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 36@18            | DFT_QPSK   | -1.58      | -0.00062        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 1@1              | DFT_QPSK   | -1.60      | -0.00063        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 1@77             | DFT_QPSK   | -2.30      | -0.00091        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 36@18            | DFT_BPSK   | -1.17      | -0.00046        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 1@1              | DFT_BPSK   | -1.29      | -0.00050        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 1@77             | DFT_BPSK   | -1.73      | -0.00068        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 36@18            | DFT_QPSK   | -1.05      | -0.00041        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 1@1              | DFT_QPSK   | -2.59      | -0.00101        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 1@77             | DFT_QPSK   | -2.61      | -0.00102        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 20                 | 502000        | 50@25            | DFT_BPSK   | -3.19      | -0.00127        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 20                 | 502000        | 1@1              | DFT_BPSK   | -2.79      | -0.00111        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 20                 | 502000        | 1@104            | DFT_BPSK   | -2.23      | -0.00089        | -2.5                  | 2.5                    | PASS    |

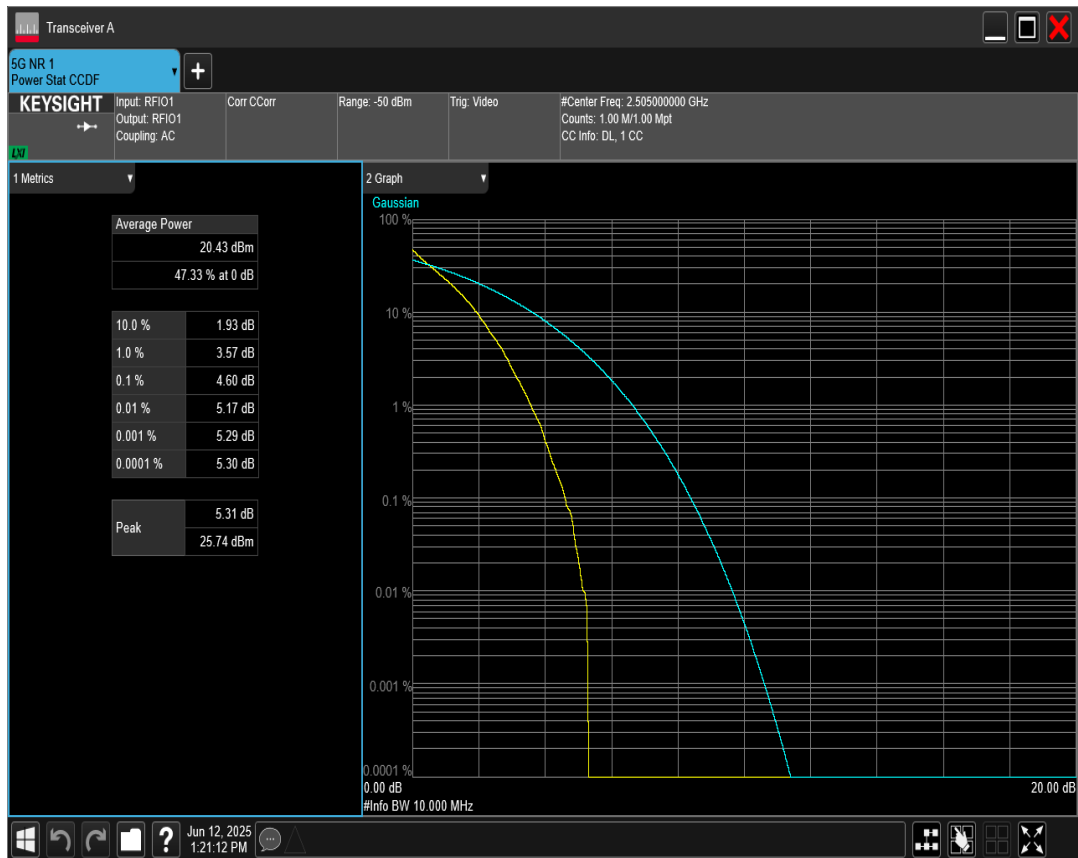
|    |    |    |        |       |          |       |          |      |     |      |
|----|----|----|--------|-------|----------|-------|----------|------|-----|------|
| n7 | 15 | 20 | 502000 | 50@25 | DFT_QPSK | -1.25 | -0.00050 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 502000 | 1@1   | DFT_QPSK | -0.32 | -0.00013 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 502000 | 1@104 | DFT_QPSK | -0.18 | -0.00007 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 50@25 | DFT_BPSK | -2.78 | -0.00110 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 1@1   | DFT_BPSK | -2.04 | -0.00080 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 1@104 | DFT_BPSK | -3.96 | -0.00156 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 50@25 | DFT_QPSK | -4.20 | -0.00166 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 1@1   | DFT_QPSK | -4.33 | -0.00171 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 1@104 | DFT_QPSK | -5.14 | -0.00203 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 50@25 | DFT_BPSK | -0.86 | -0.00034 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 1@1   | DFT_BPSK | -1.13 | -0.00044 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 1@104 | DFT_BPSK | -2.12 | -0.00083 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 50@25 | DFT_QPSK | -1.24 | -0.00048 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 1@1   | DFT_QPSK | -3.29 | -0.00129 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 1@104 | DFT_QPSK | -1.78 | -0.00070 | -2.5 | 2.5 | PASS |

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

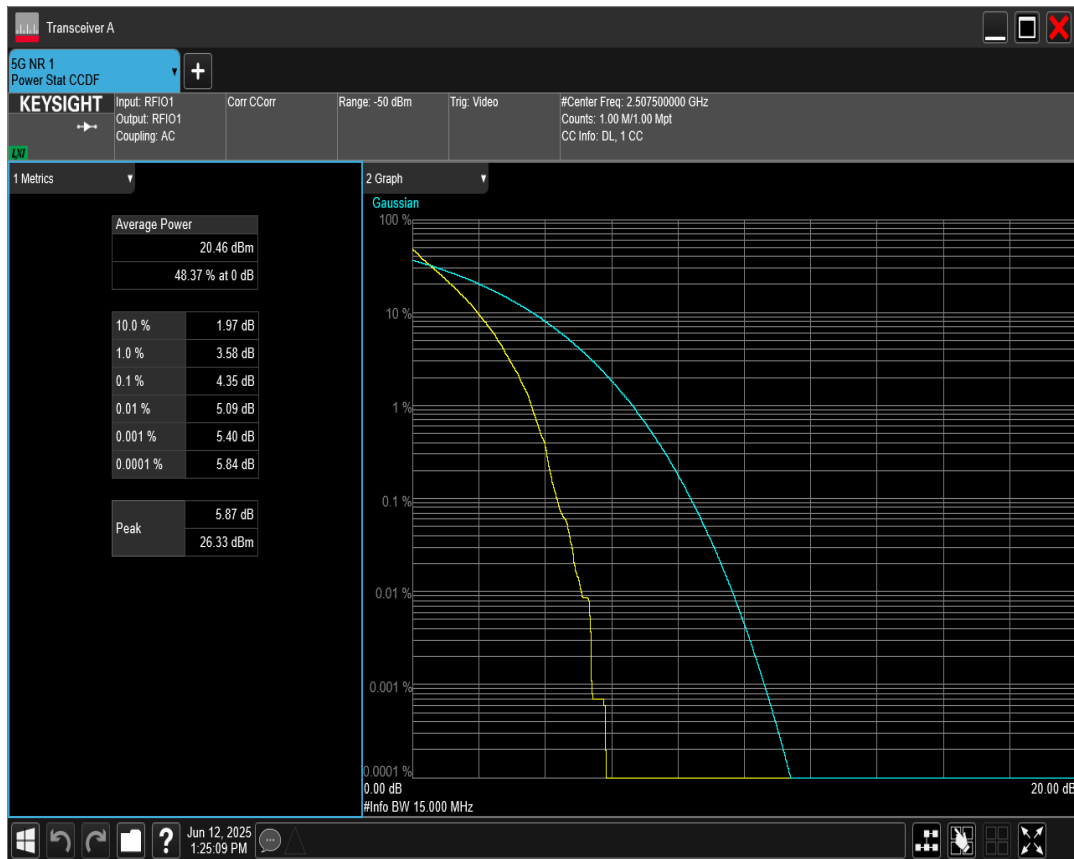
| <i>Band</i> | <i>SCS<br/>(kHz)</i> | <i>Bandwidth<br/>(MHz)</i> | <i>UL<br/>Channel</i> | <i>RB<br/>Allocation</i> | <i>Modulation</i> | <i>Result<br/>(dB)</i> | <i>high<br/>Limit<br/>(dB)</i> | <i>Verdict</i> |
|-------------|----------------------|----------------------------|-----------------------|--------------------------|-------------------|------------------------|--------------------------------|----------------|
| n7          | 15                   | 5                          | 500500                | 25@0                     | DFT_BPSK          | 4.39                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 500500                | 25@0                     | DFT_QPSK          | 5.79                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 500500                | 25@0                     | DFT_QAM16         | 6.68                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 500500                | 25@0                     | DFT_QAM64         | 6.58                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 500500                | 25@0                     | DFT_QAM256        | 6.52                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_BPSK          | 4.63                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QPSK          | 5.99                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QAM16         | 6.78                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QAM64         | 7.01                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QAM256        | 6.93                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 513500                | 25@0                     | DFT_BPSK          | 5.89                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 513500                | 25@0                     | DFT_QPSK          | 6.43                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 513500                | 25@0                     | DFT_QAM16         | 6.71                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 513500                | 25@0                     | DFT_QAM64         | 6.84                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 513500                | 25@0                     | DFT_QAM256        | 6.81                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 501000                | 50@0                     | DFT_BPSK          | 4.60                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 501000                | 50@0                     | DFT_QPSK          | 5.76                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 501000                | 50@0                     | DFT_QAM16         | 6.44                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 501000                | 50@0                     | DFT_QAM64         | 6.63                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 501000                | 50@0                     | DFT_QAM256        | 6.77                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_BPSK          | 4.64                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QPSK          | 6.09                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QAM16         | 6.59                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QAM64         | 6.79                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QAM256        | 6.68                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 513000                | 50@0                     | DFT_BPSK          | 5.29                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 513000                | 50@0                     | DFT_QPSK          | 5.87                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 513000                | 50@0                     | DFT_QAM16         | 6.35                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 513000                | 50@0                     | DFT_QAM64         | 6.58                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 513000                | 50@0                     | DFT_QAM256        | 6.64                   | 13                             | PASS           |
| n7          | 15                   | 15                         | 501500                | 75@0                     | DFT_BPSK          | 4.35                   | 13                             | PASS           |
| n7          | 15                   | 15                         | 501500                | 75@0                     | DFT_QPSK          | 5.88                   | 13                             | PASS           |
| n7          | 15                   | 15                         | 501500                | 75@0                     | DFT_QAM16         | 6.68                   | 13                             | PASS           |
| n7          | 15                   | 15                         | 501500                | 75@0                     | DFT_QAM64         | 6.55                   | 13                             | PASS           |
| n7          | 15                   | 15                         | 501500                | 75@0                     | DFT_QAM256        | 6.72                   | 13                             | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_BPSK          | 4.85                   | 13                             | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QPSK          | 5.69                   | 13                             | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QAM16         | 6.56                   | 13                             | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QAM64         | 6.60                   | 13                             | PASS           |

|    |    |    |        |       |            |      |    |      |
|----|----|----|--------|-------|------------|------|----|------|
| n7 | 15 | 15 | 507000 | 75@0  | DFT_QAM256 | 6.57 | 13 | PASS |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_BPSK   | 4.63 | 13 | PASS |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_QPSK   | 5.86 | 13 | PASS |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_QAM16  | 6.70 | 13 | PASS |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_QAM64  | 6.72 | 13 | PASS |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_QAM256 | 6.64 | 13 | PASS |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_BPSK   | 4.85 | 13 | PASS |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_QPSK   | 5.80 | 13 | PASS |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_QAM16  | 6.32 | 13 | PASS |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_QAM64  | 6.57 | 13 | PASS |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_QAM256 | 6.64 | 13 | PASS |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_BPSK   | 4.49 | 13 | PASS |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_QPSK   | 5.88 | 13 | PASS |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_QAM16  | 6.59 | 13 | PASS |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_QAM64  | 6.75 | 13 | PASS |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_QAM256 | 6.71 | 13 | PASS |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_BPSK   | 5.55 | 13 | PASS |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_QPSK   | 6.29 | 13 | PASS |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_QAM16  | 6.58 | 13 | PASS |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_QAM64  | 6.61 | 13 | PASS |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_QAM256 | 6.75 | 13 | PASS |

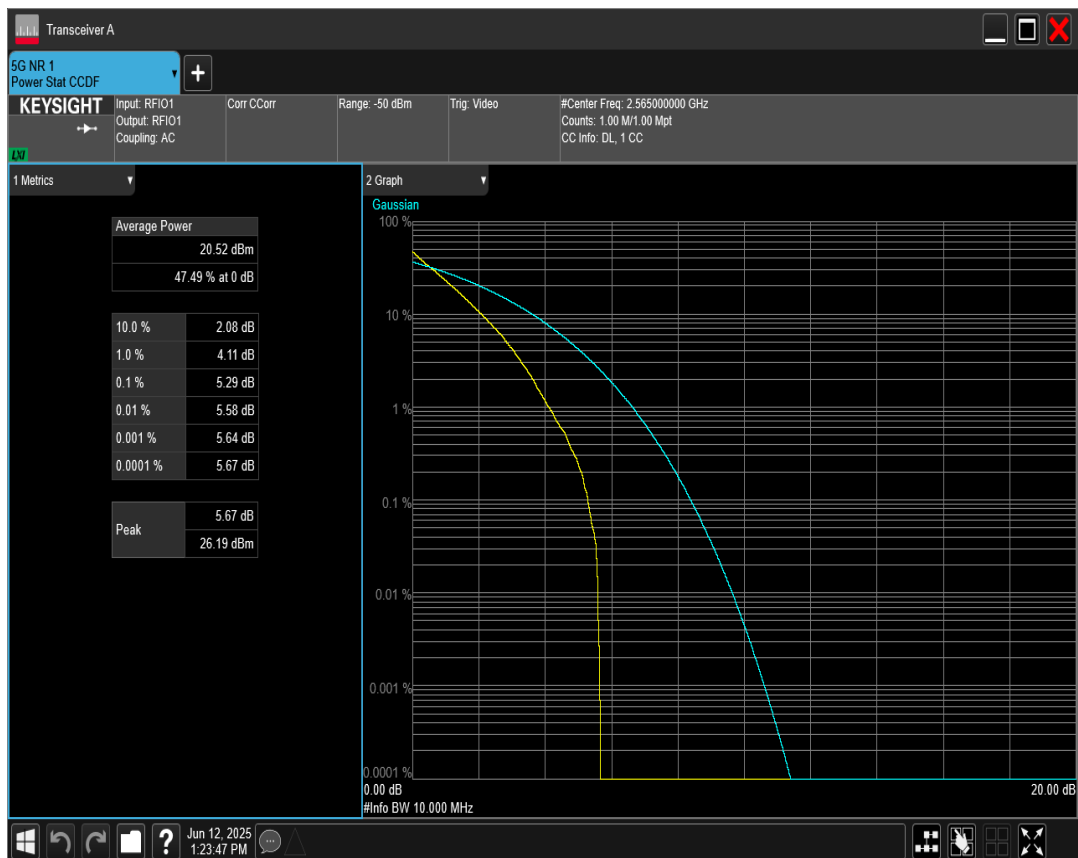
**n7 SCS=15kHz DFT\_BPSK BW=10MHz Channel=501000 RB=50@0**



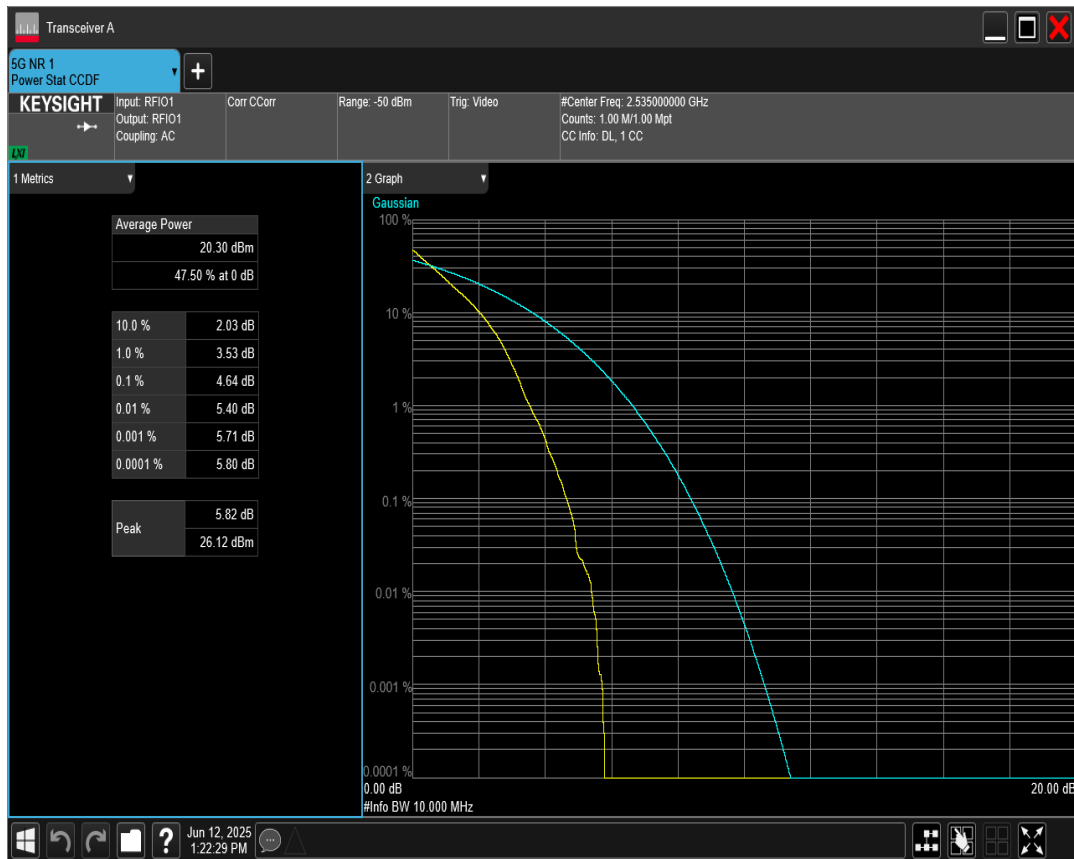
**n7 SCS=15kHz DFT\_BPSK BW=15MHz Channel=501500 RB=75@0**



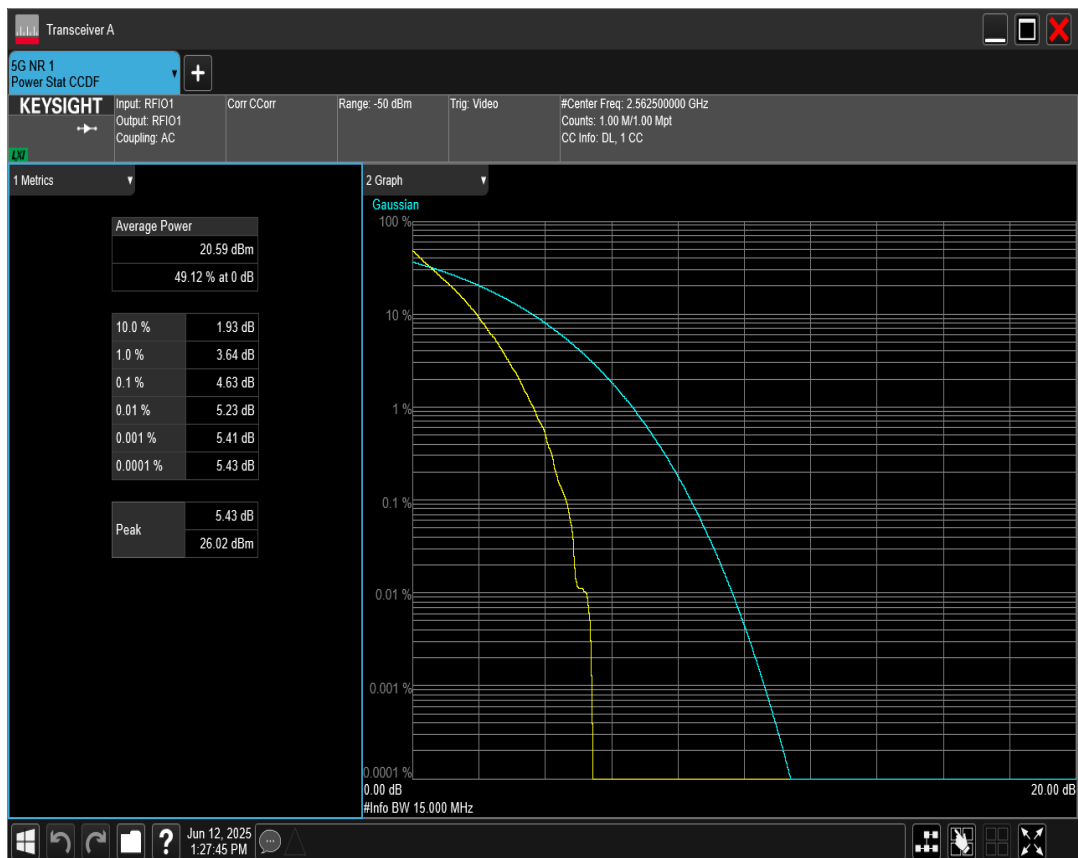
*n7 SCS=15kHz DFT\_BPSK BW=10MHz Channel=513000 RB=50@0*



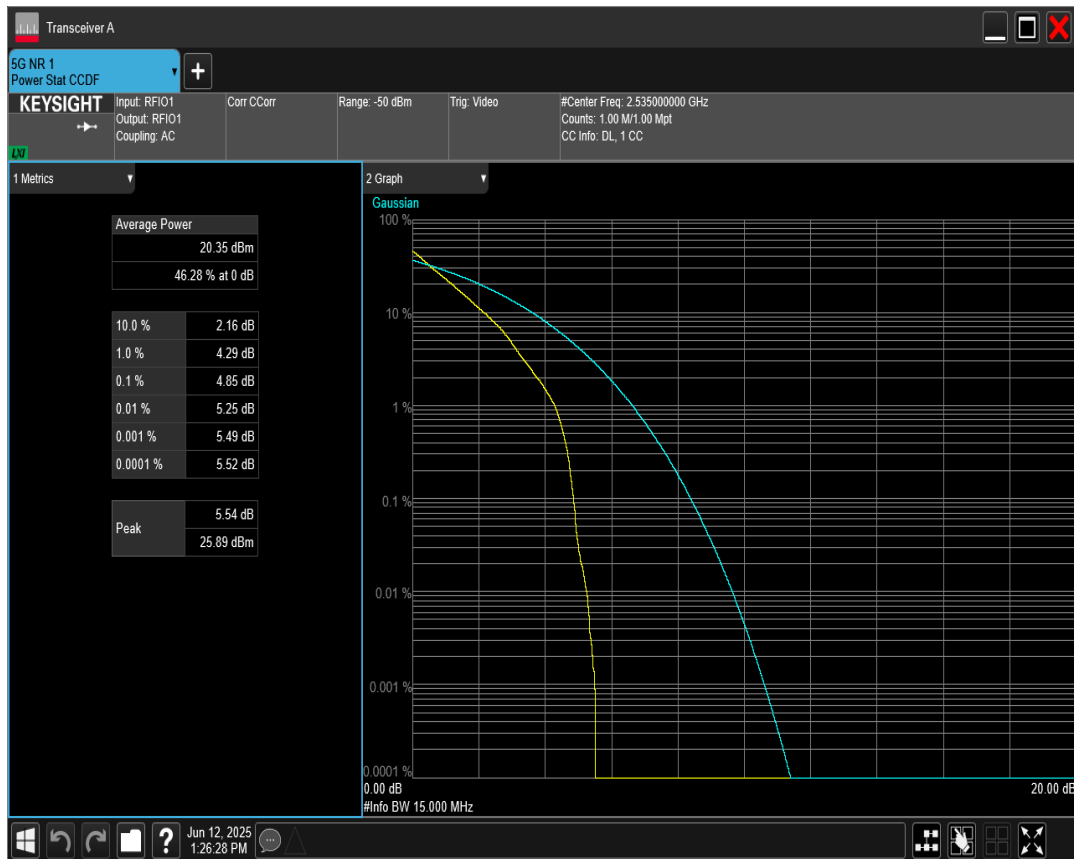
*n7 SCS=15kHz DFT\_BPSK BW=10MHz Channel=507000 RB=50@0*



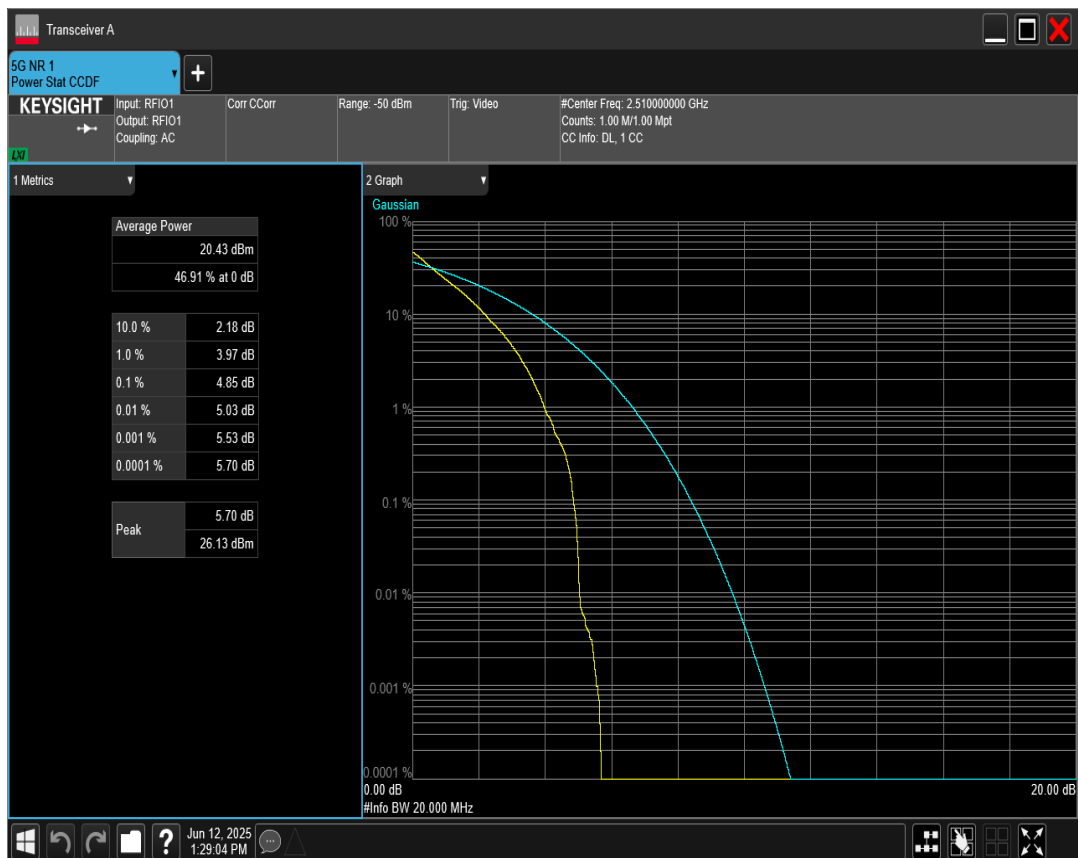
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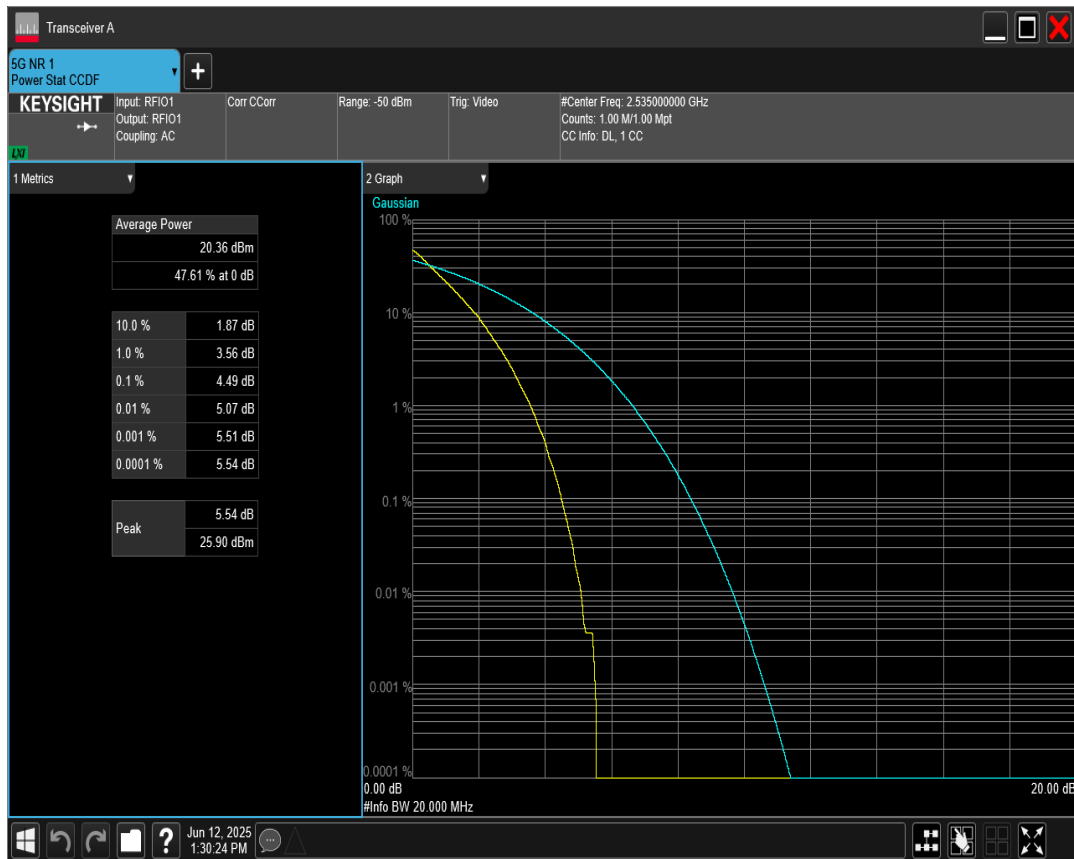
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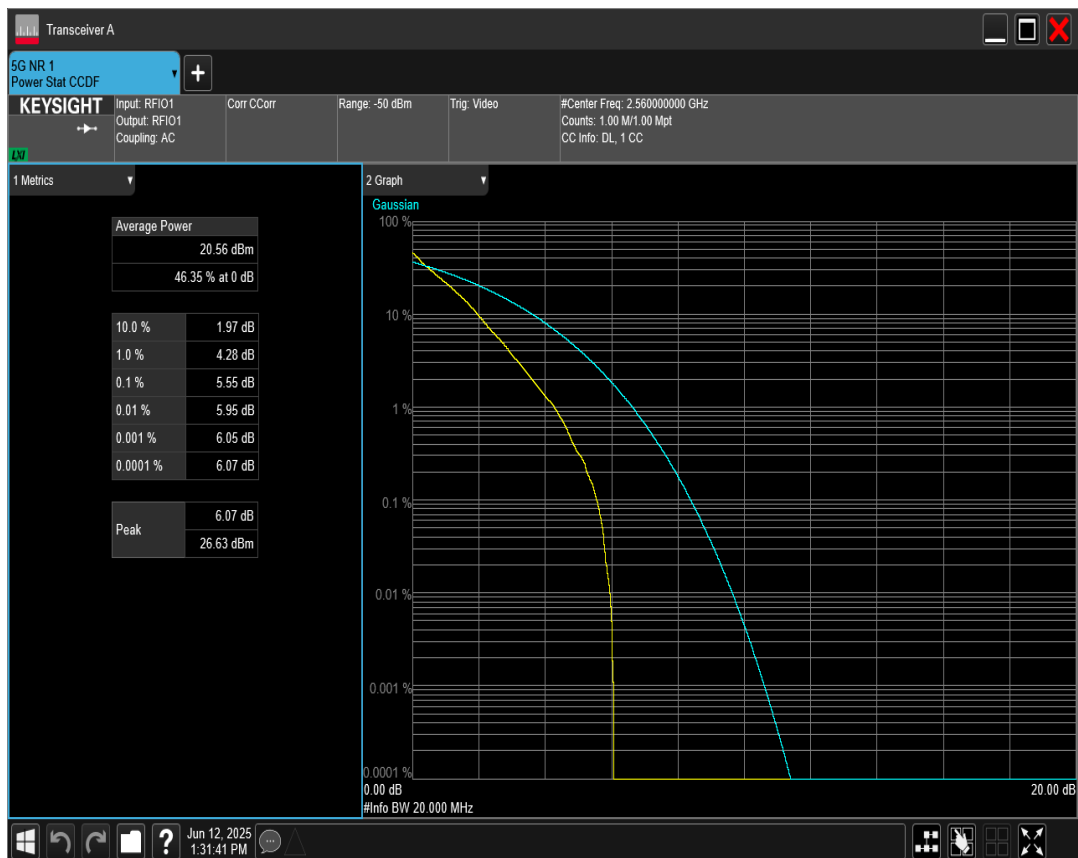
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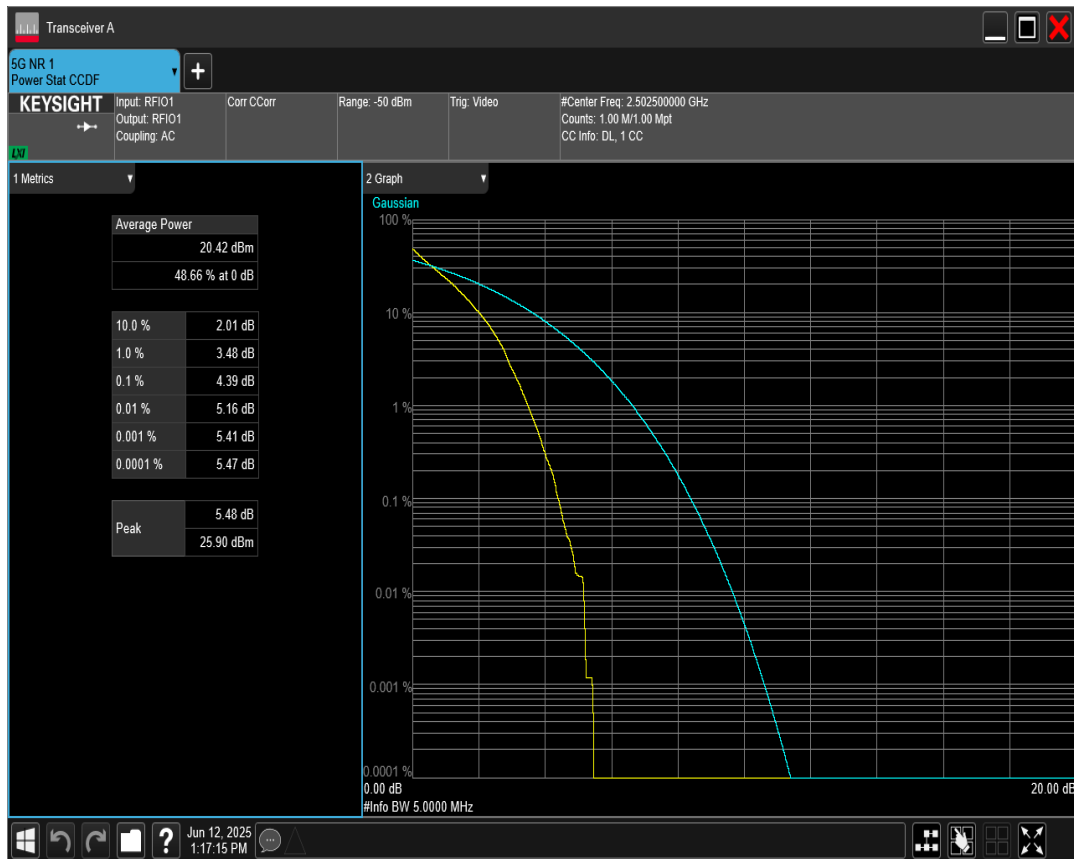
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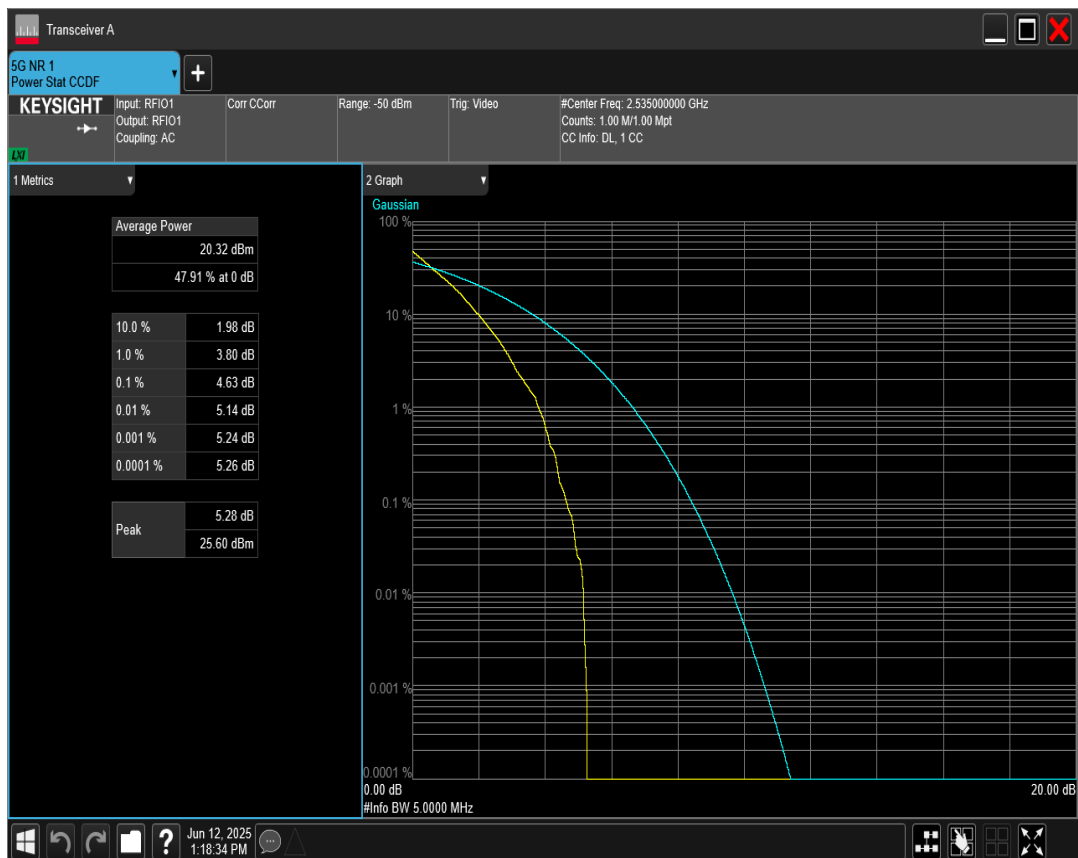
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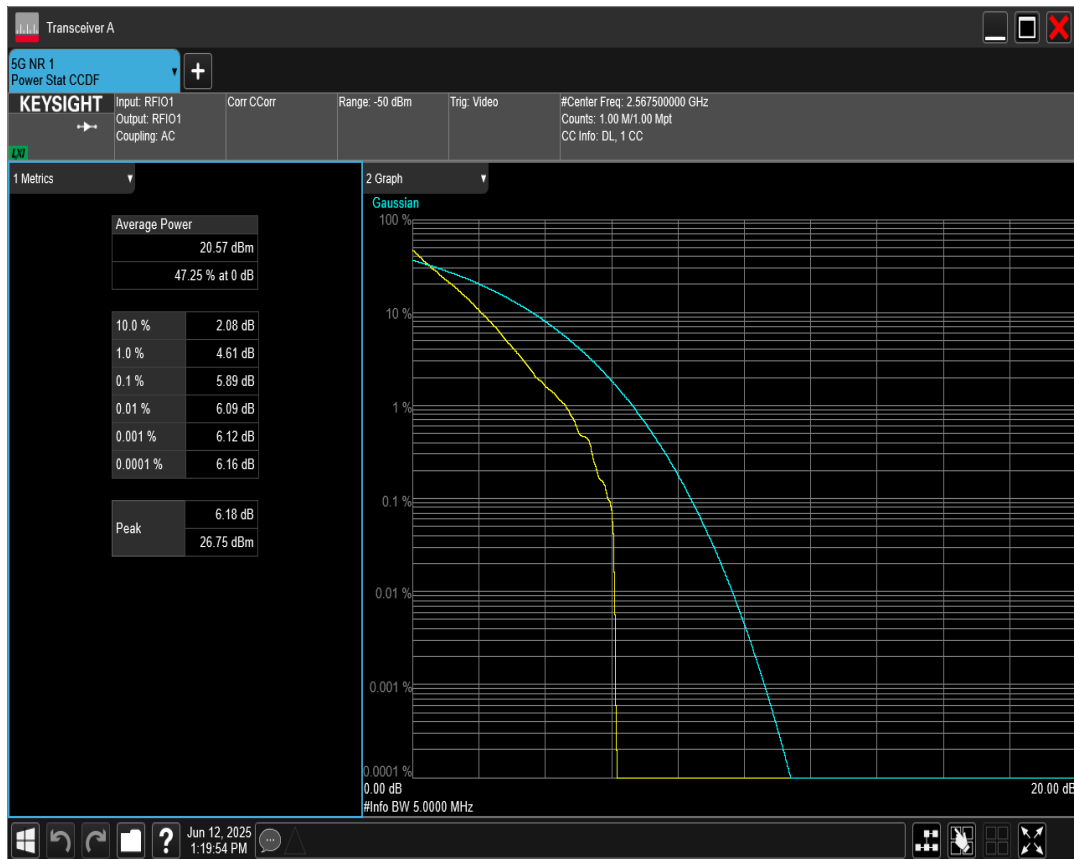
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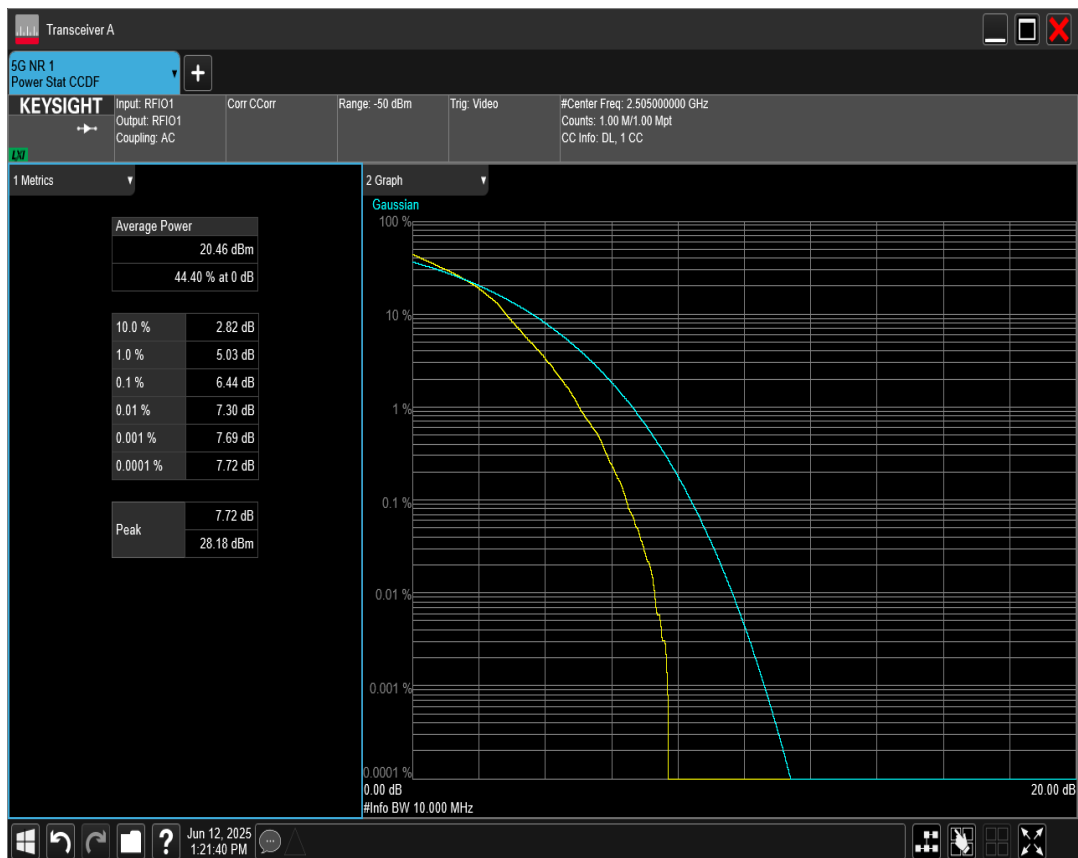
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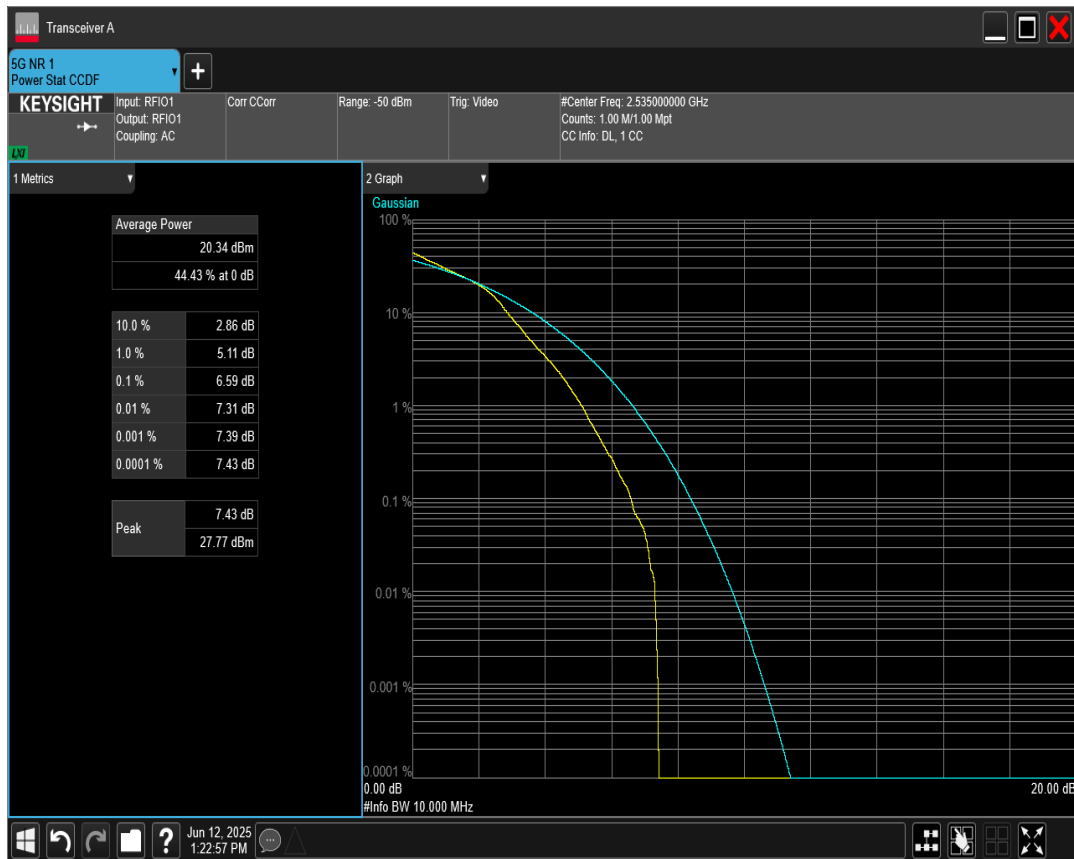
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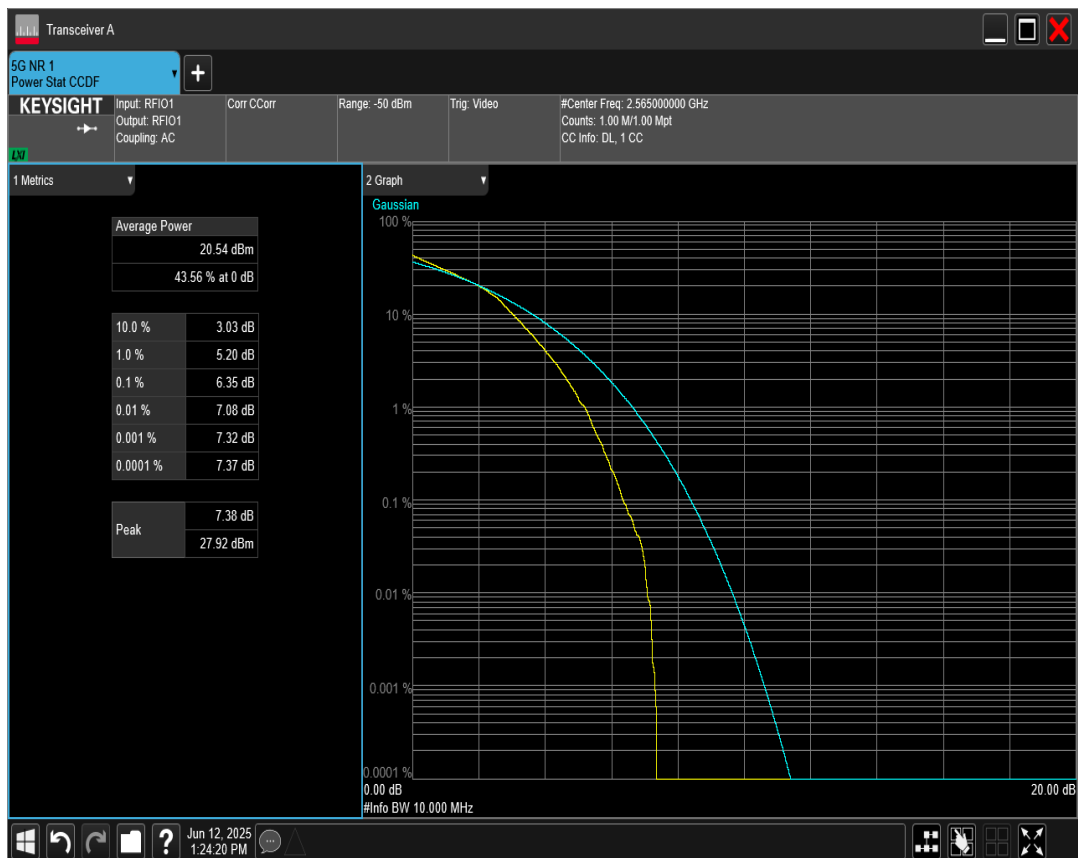
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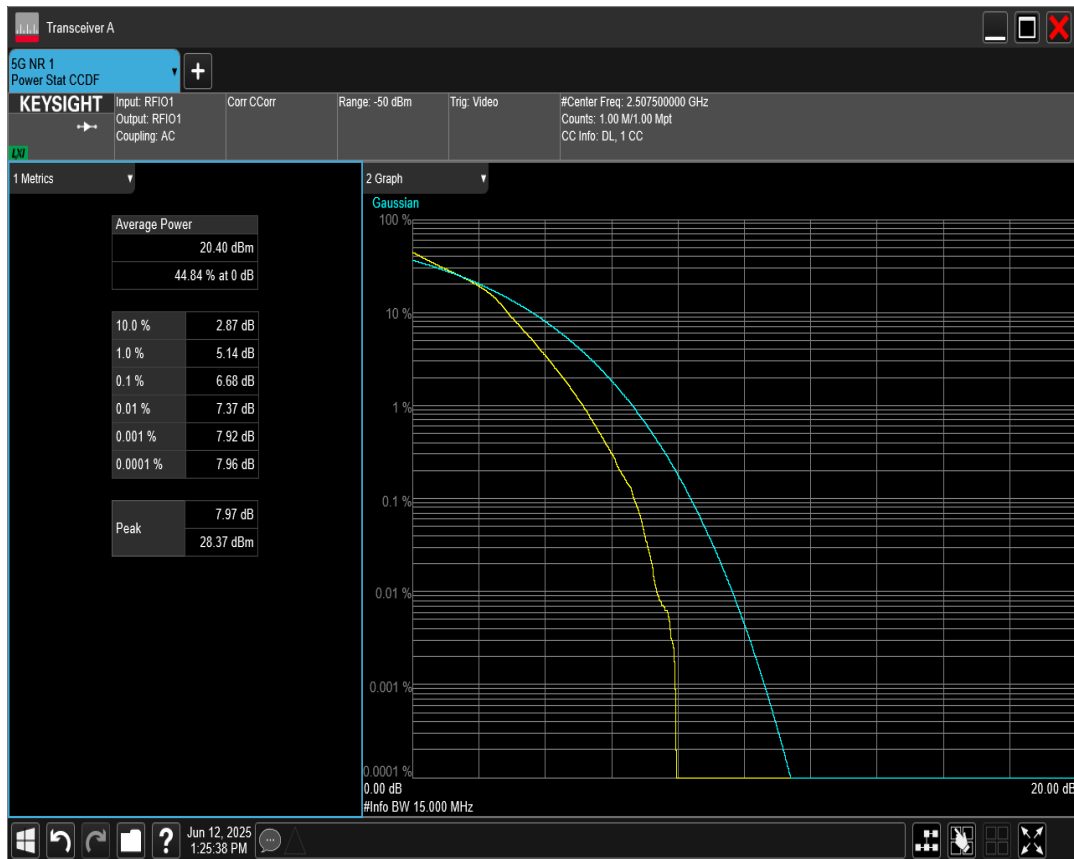
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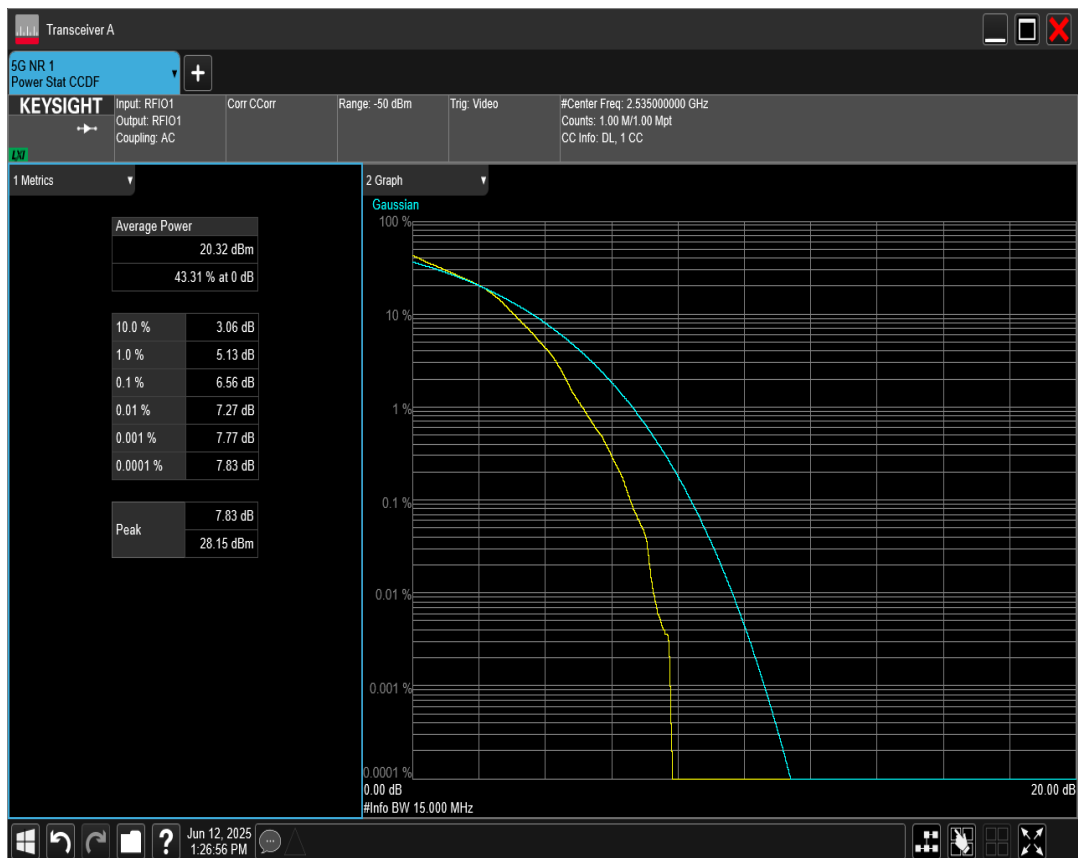
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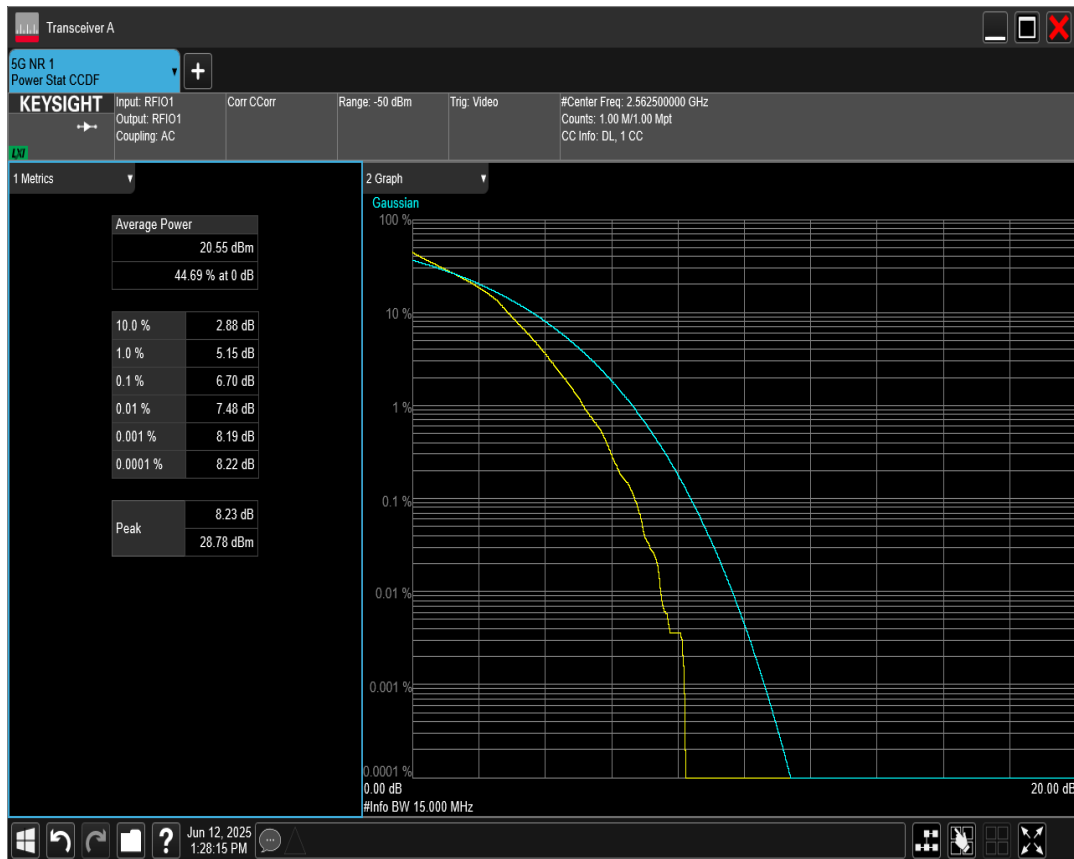
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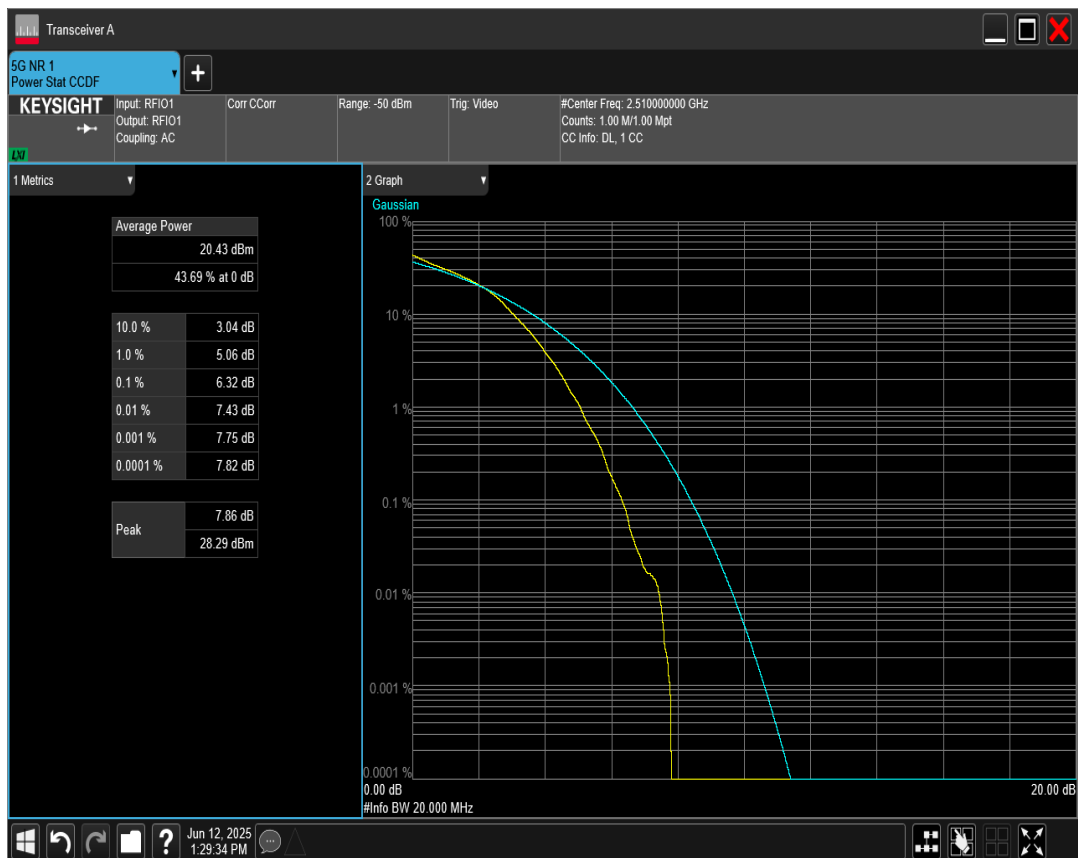
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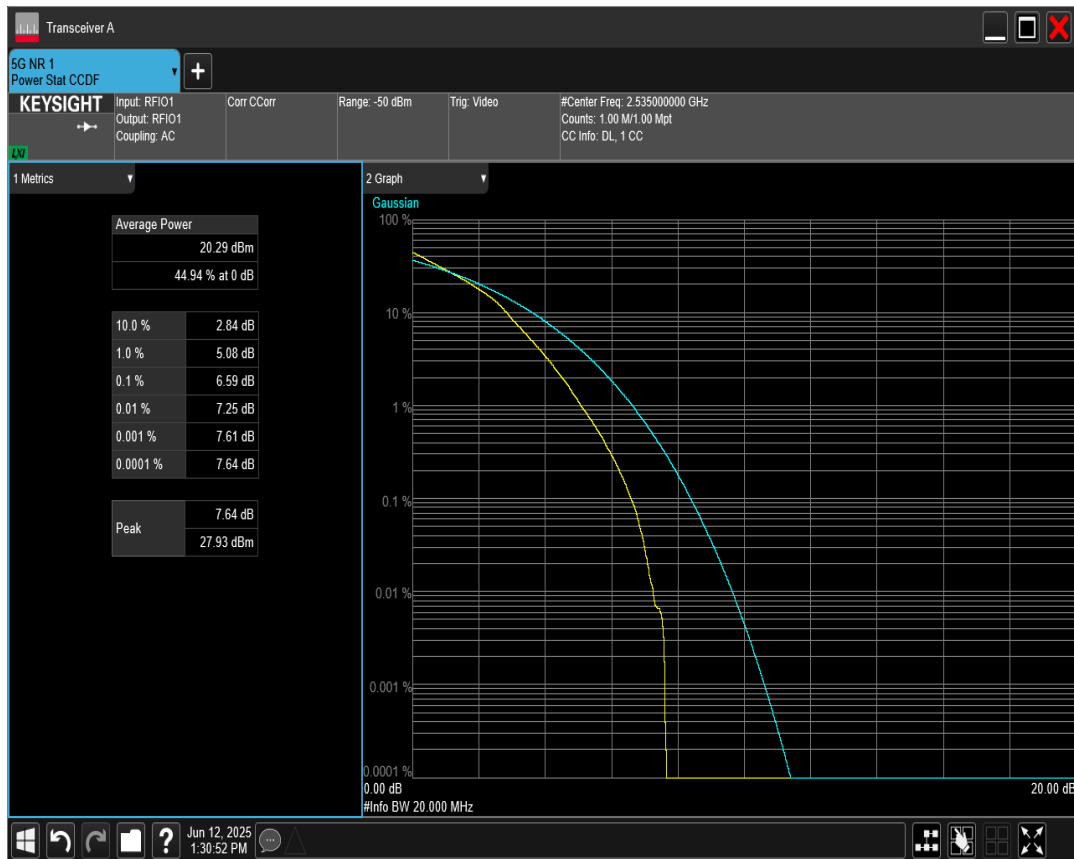
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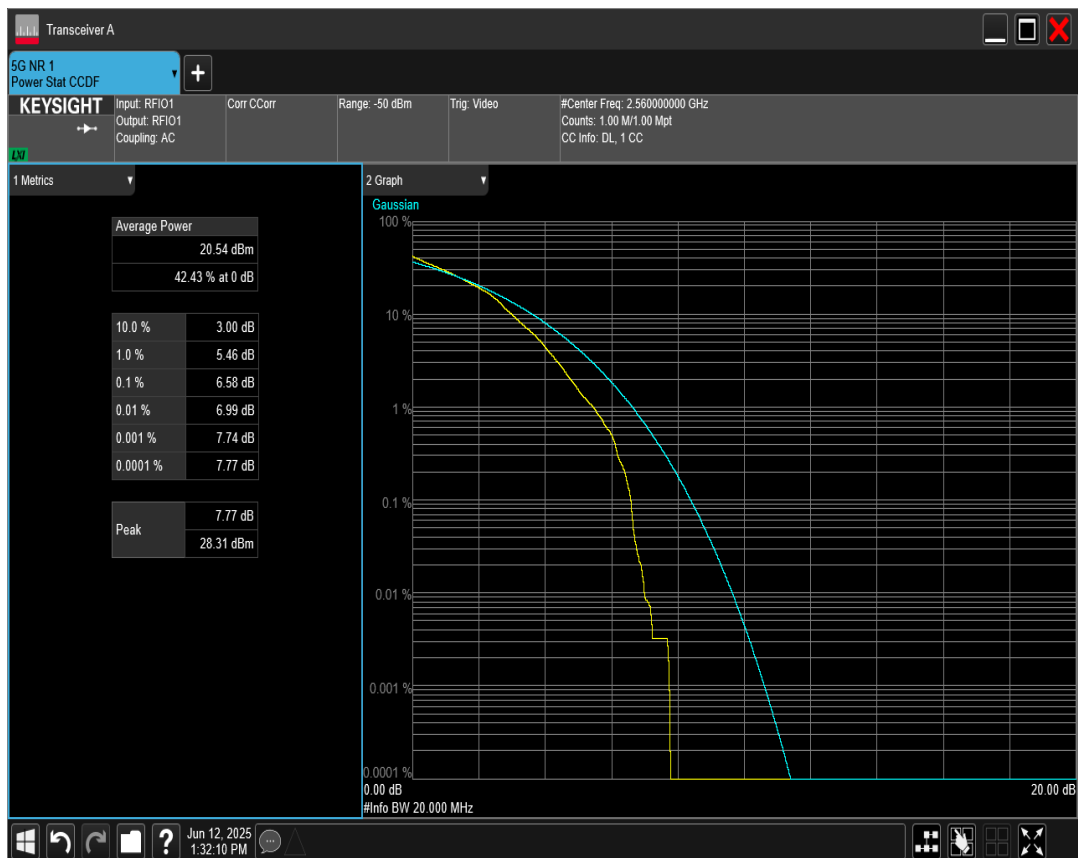
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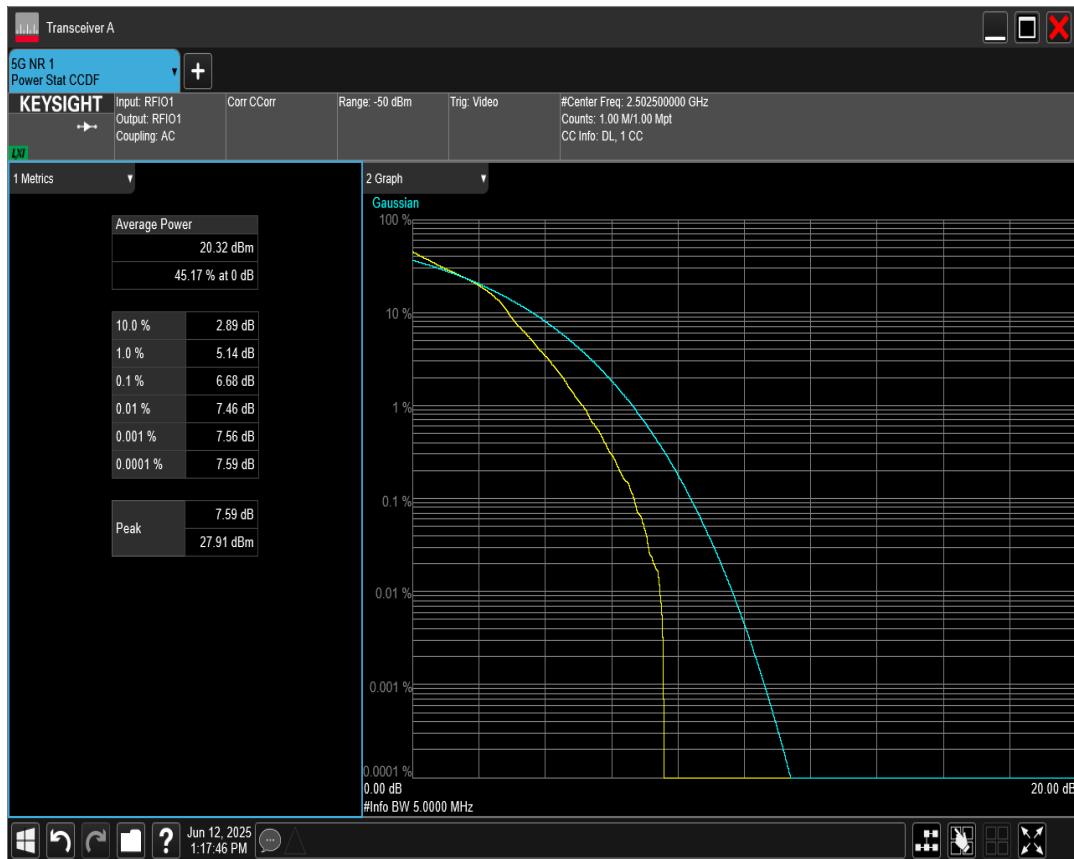
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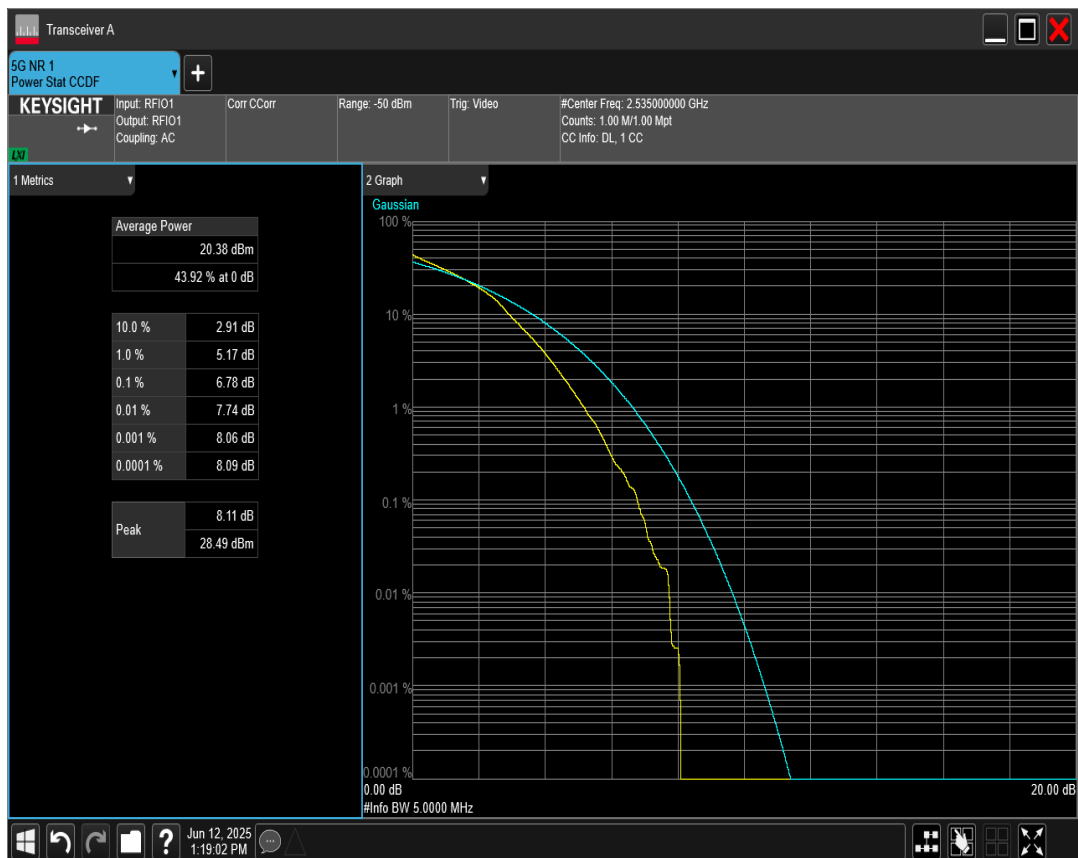
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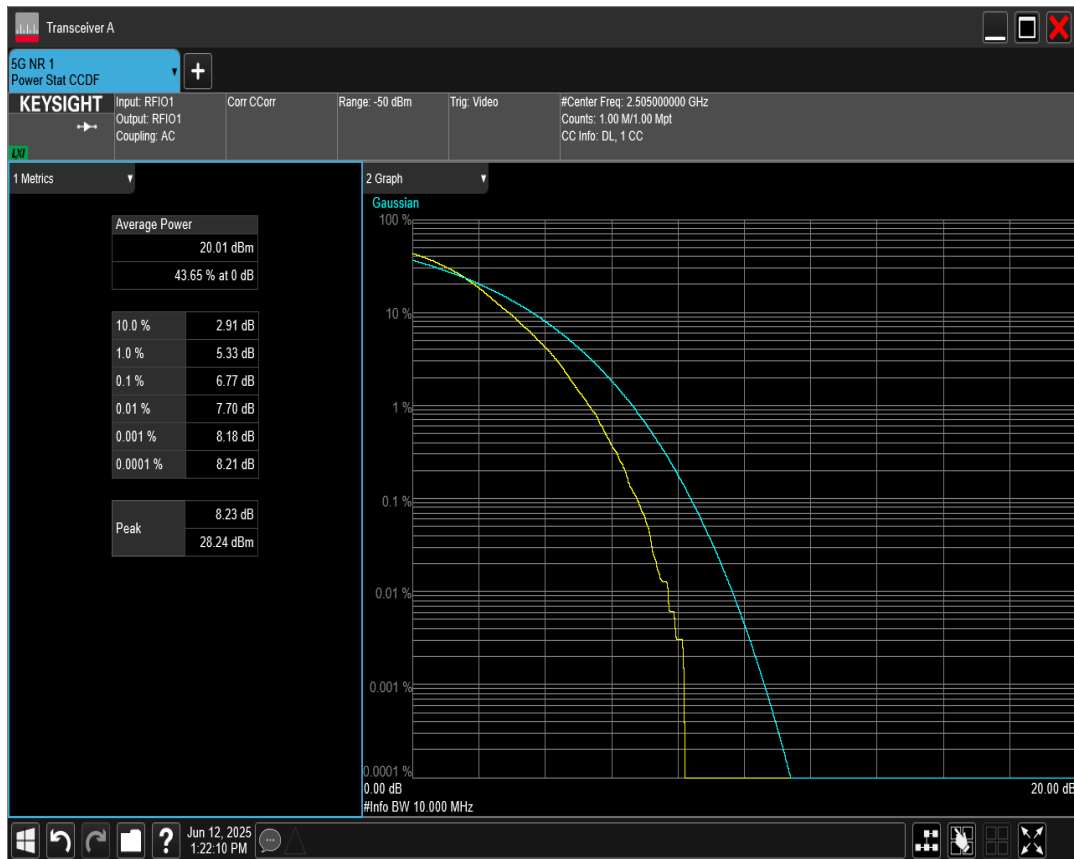
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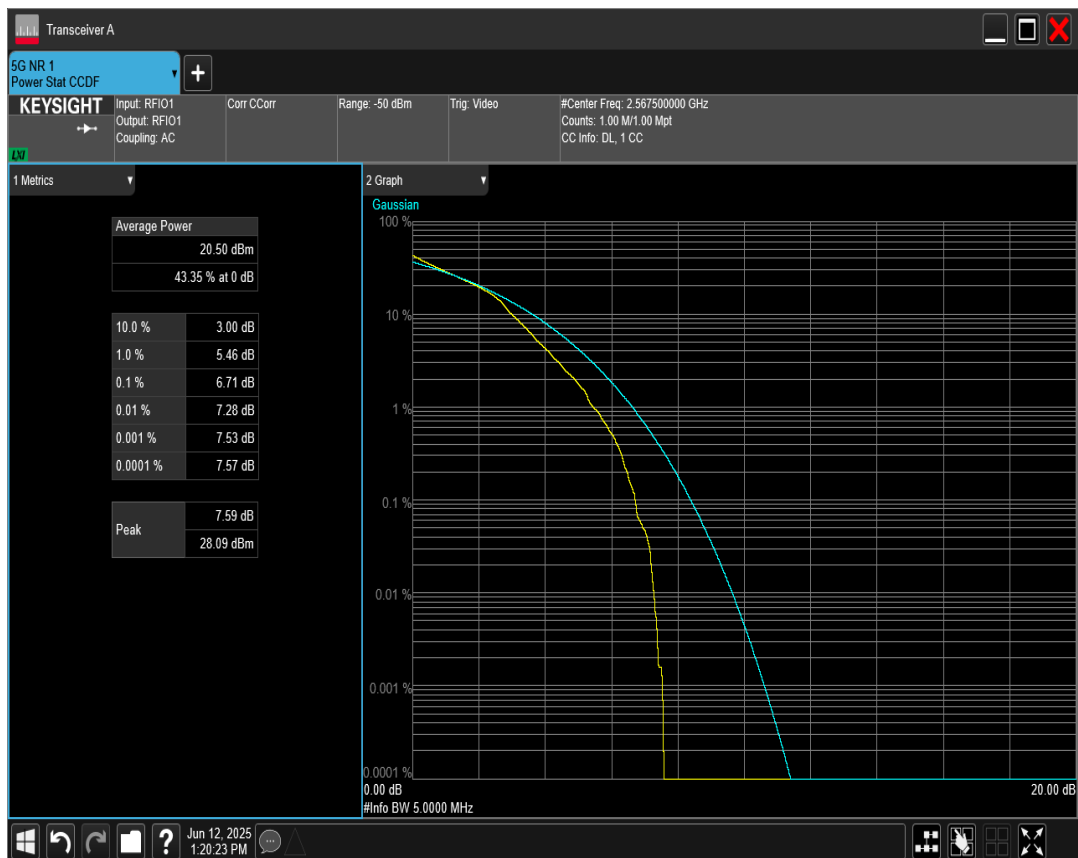
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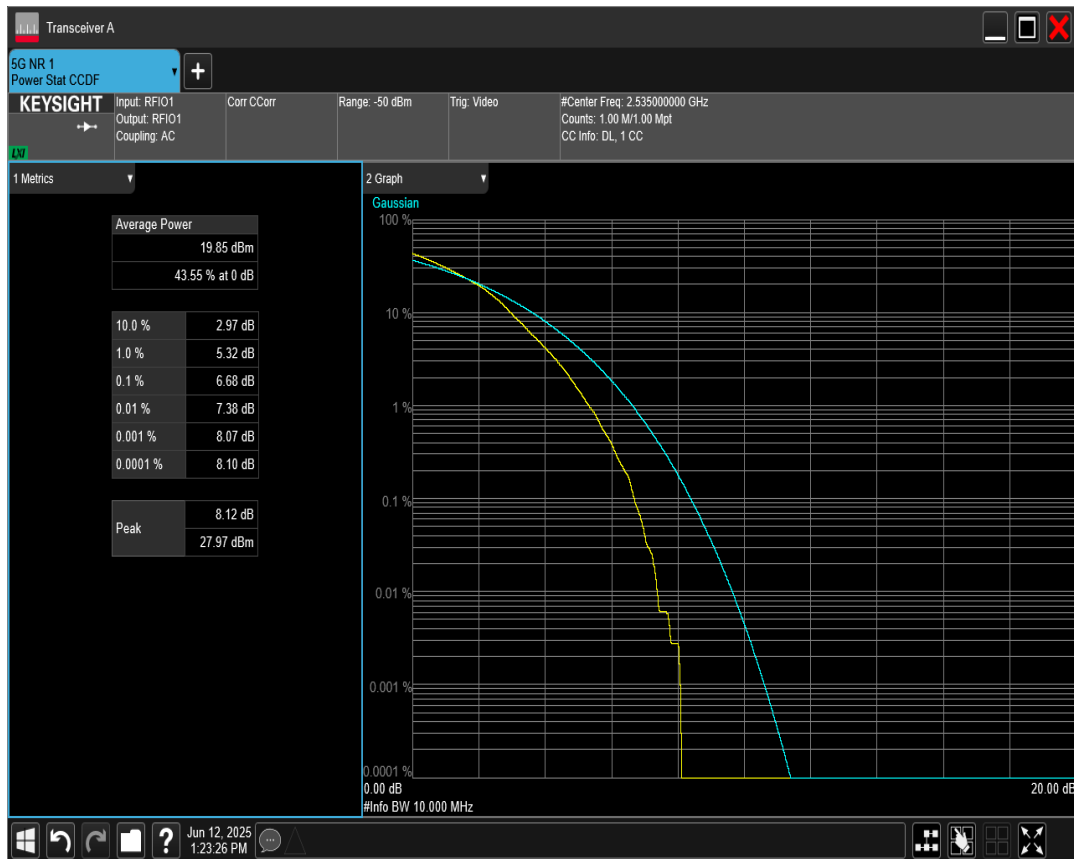
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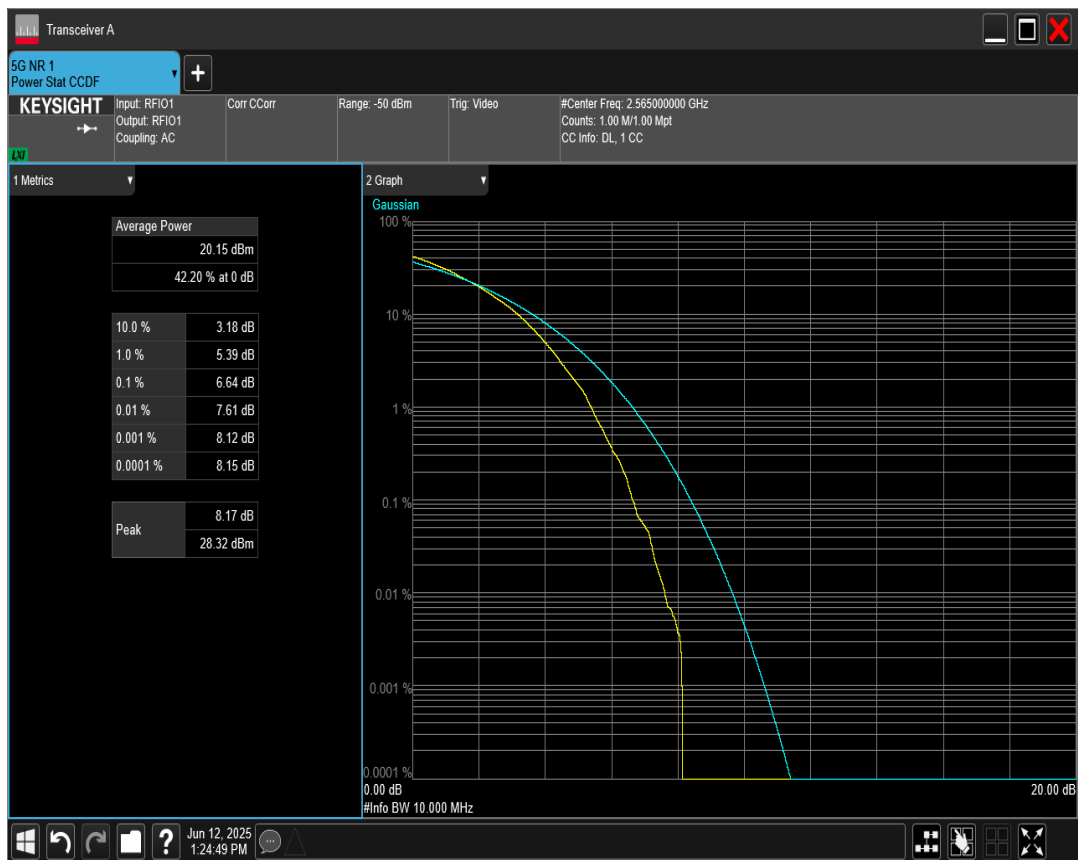
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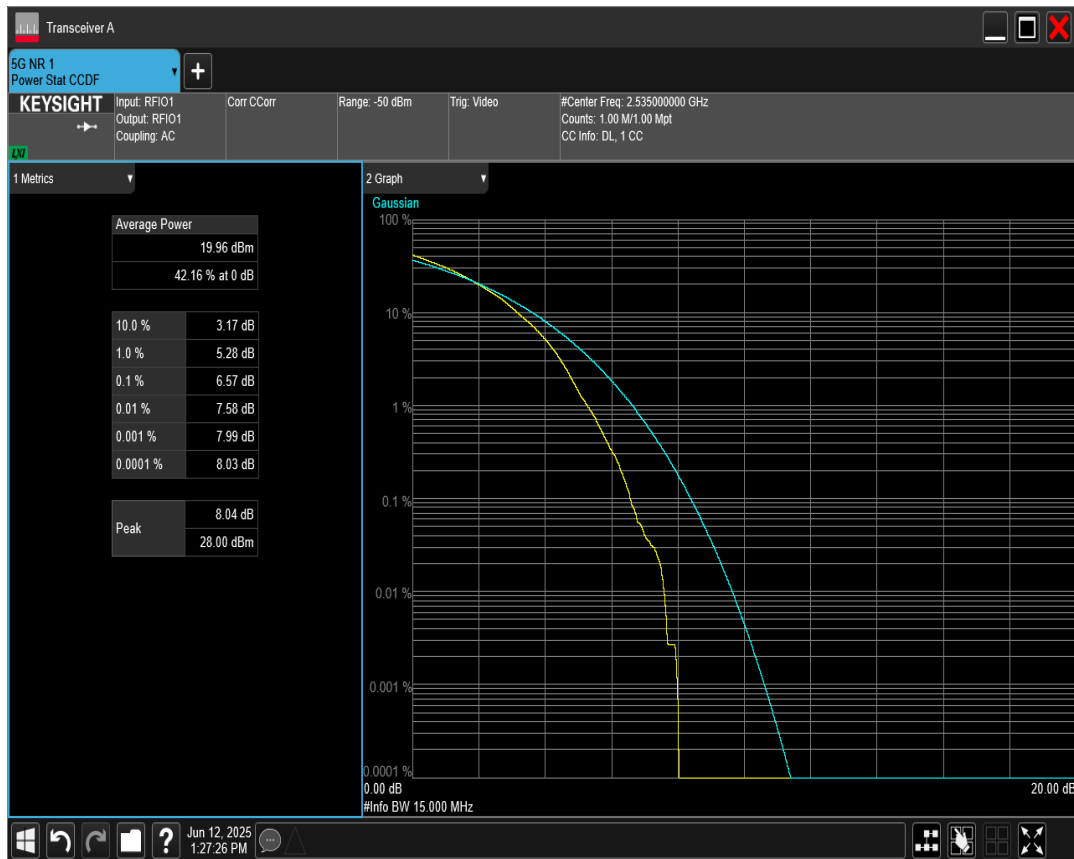
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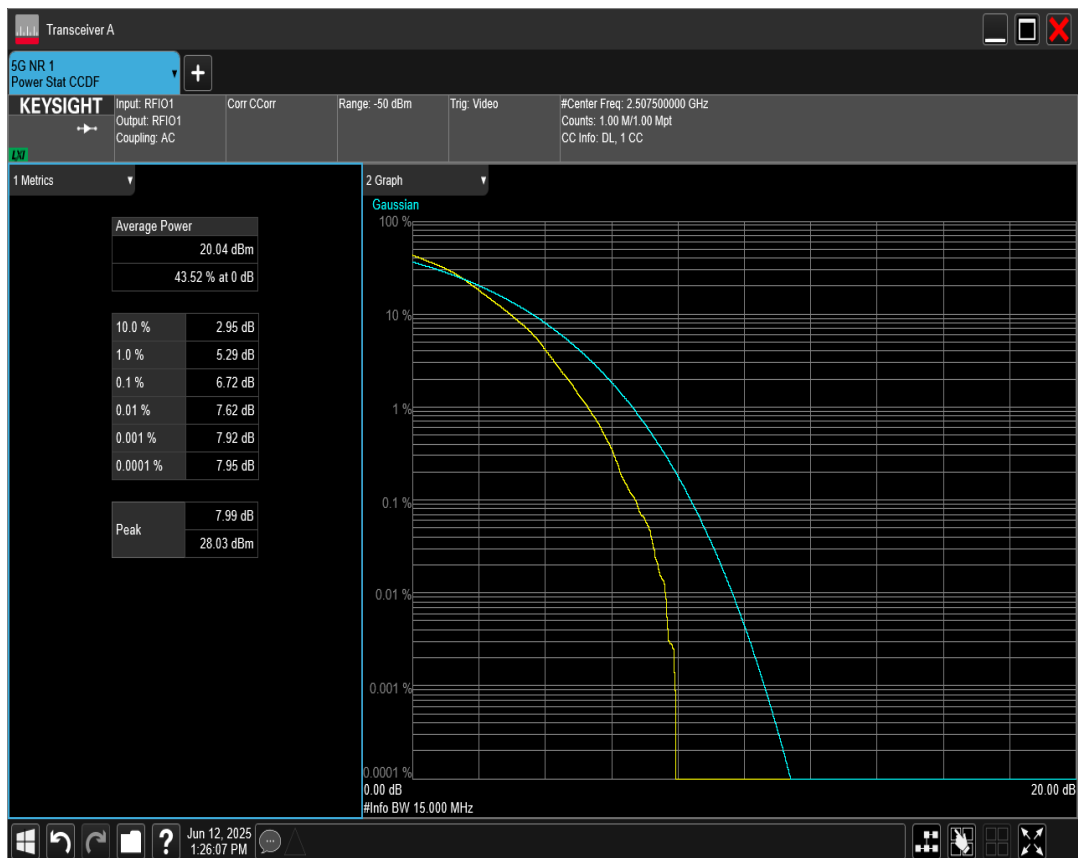
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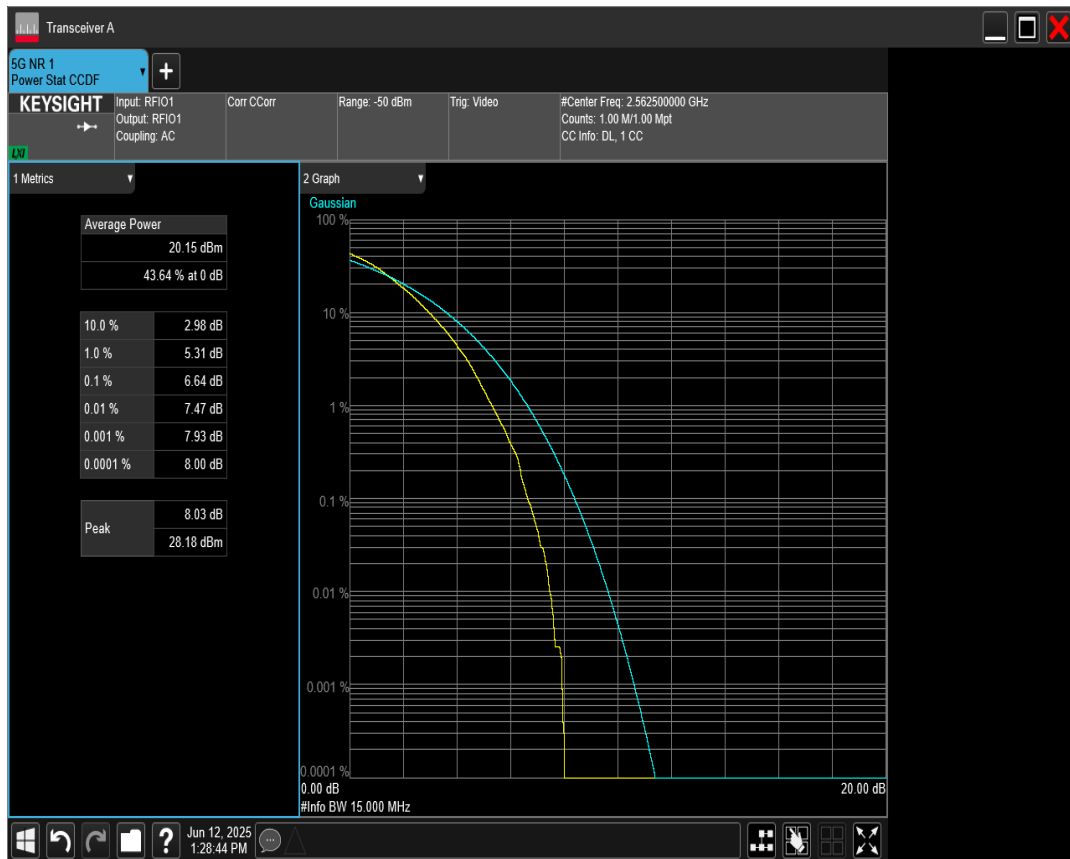
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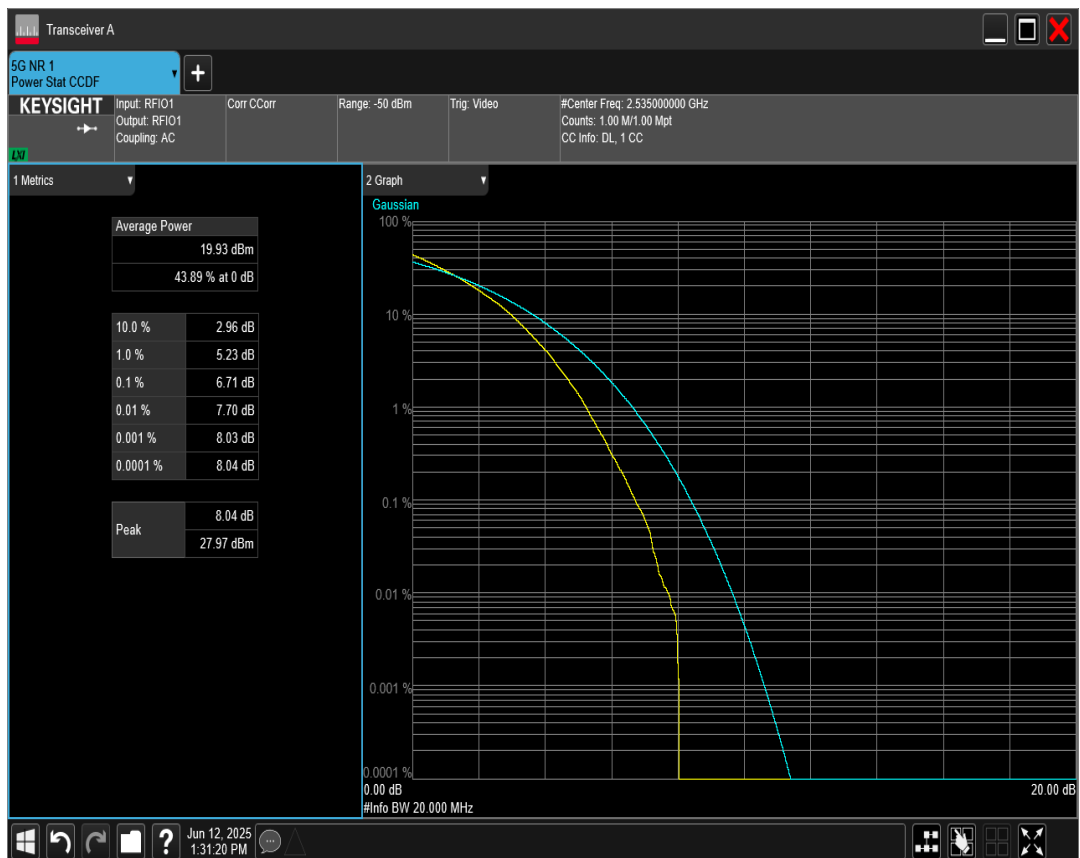
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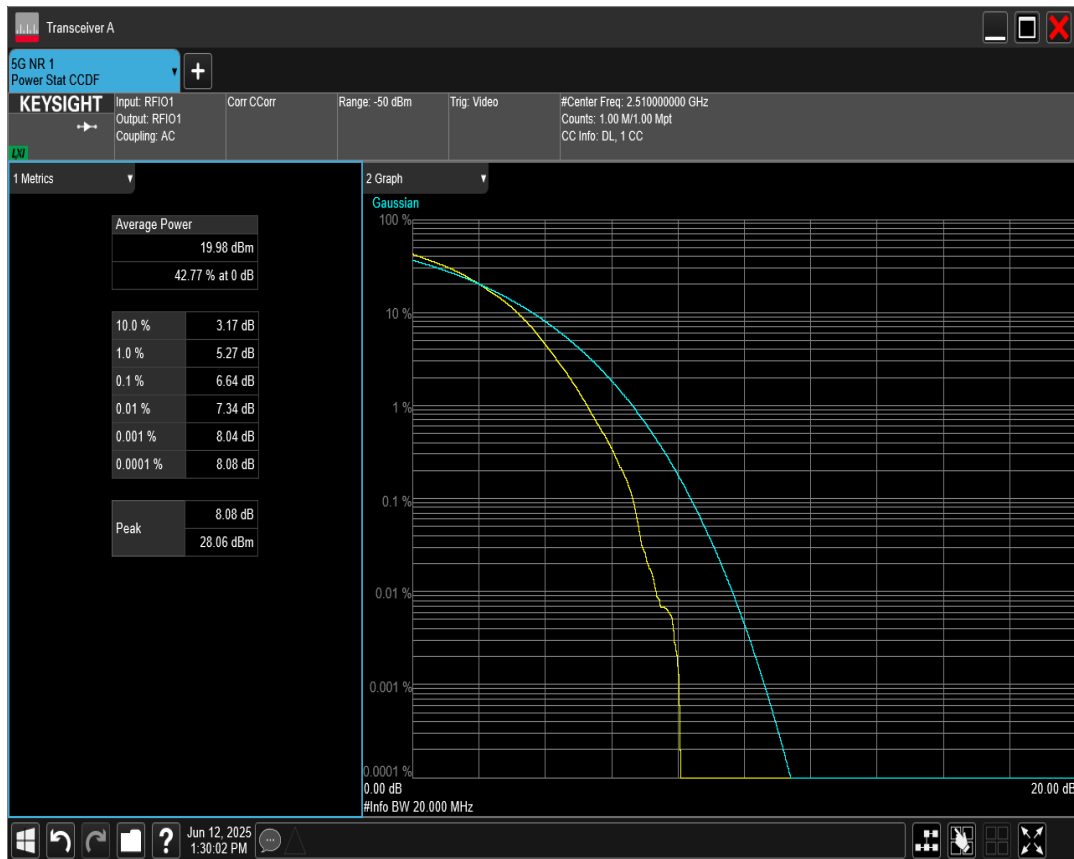
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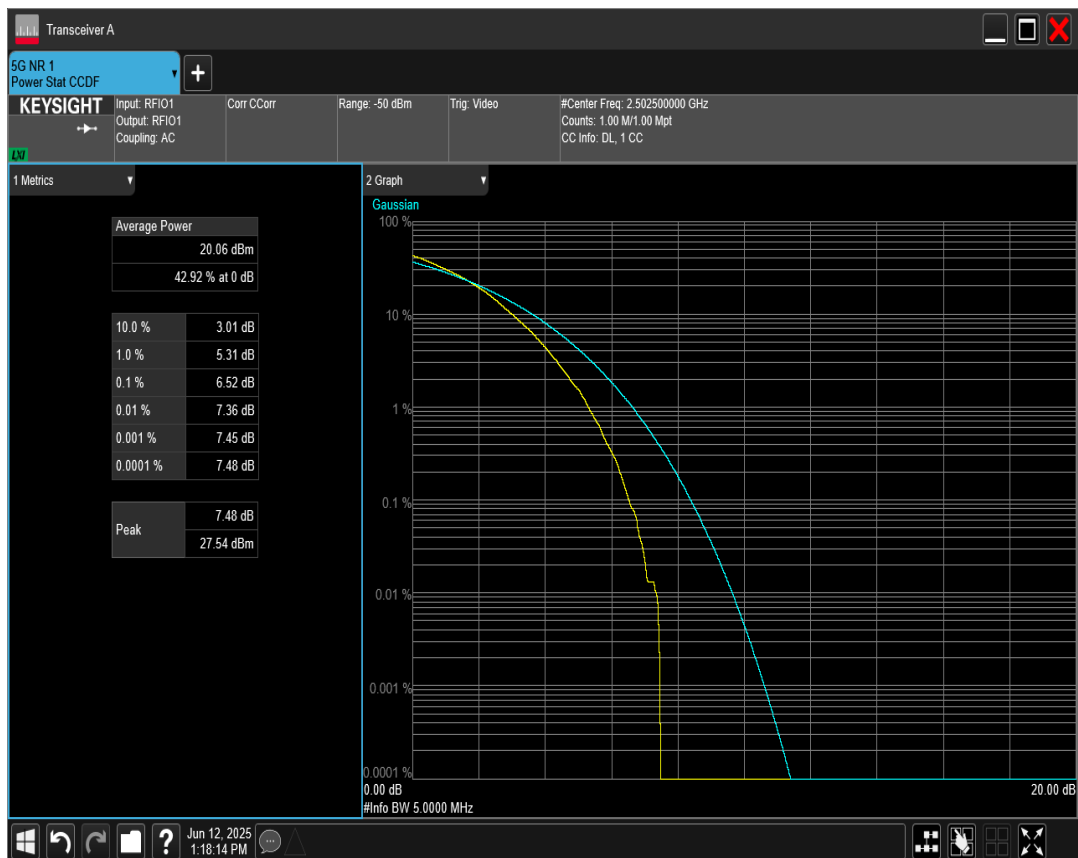
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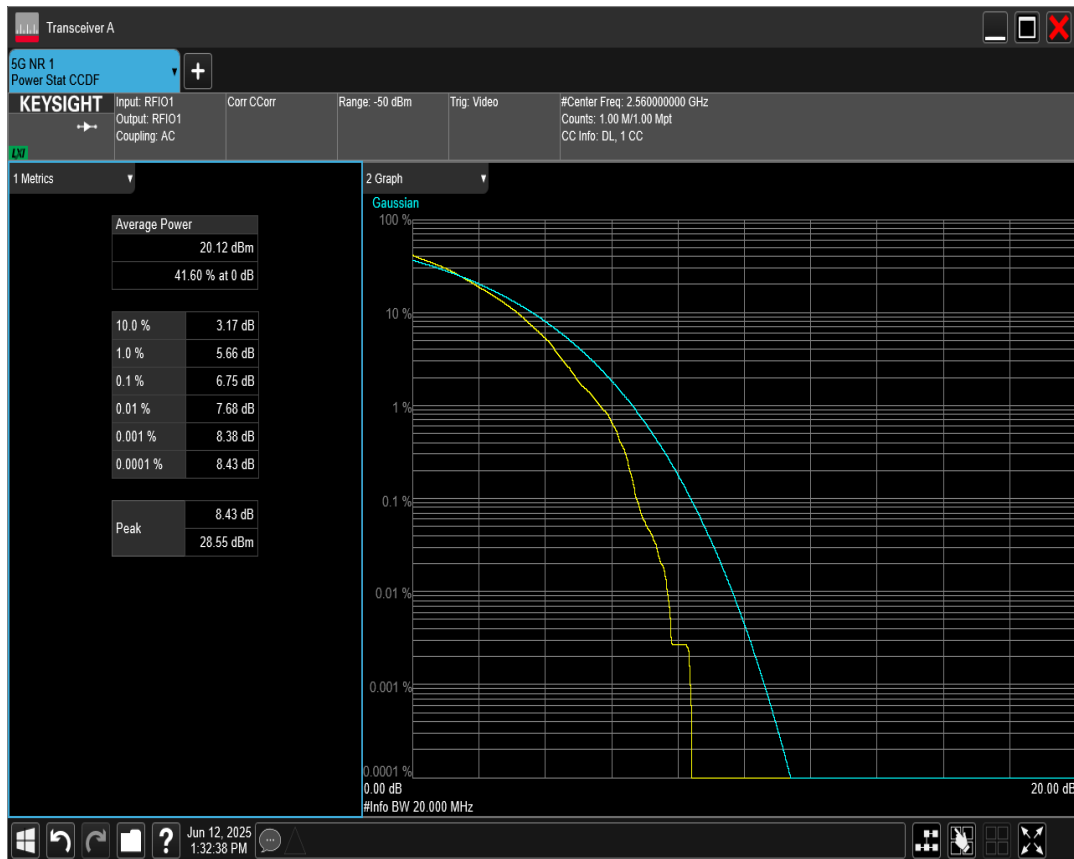
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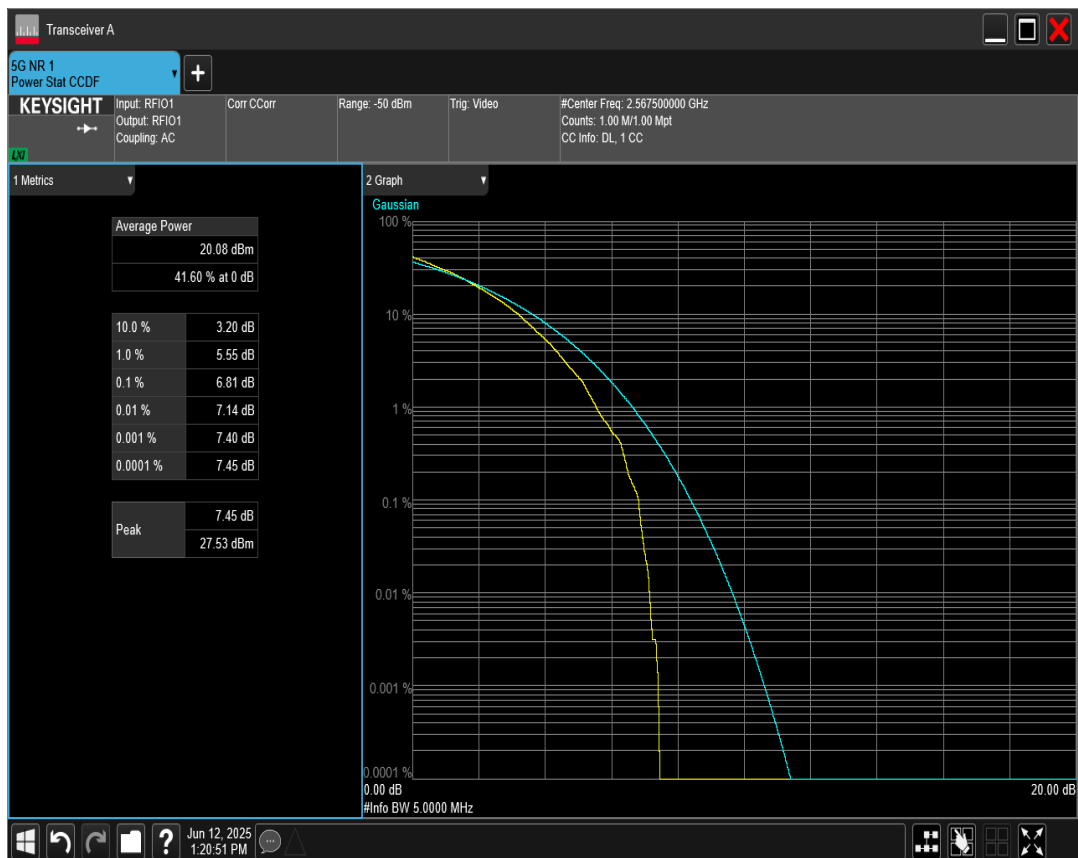
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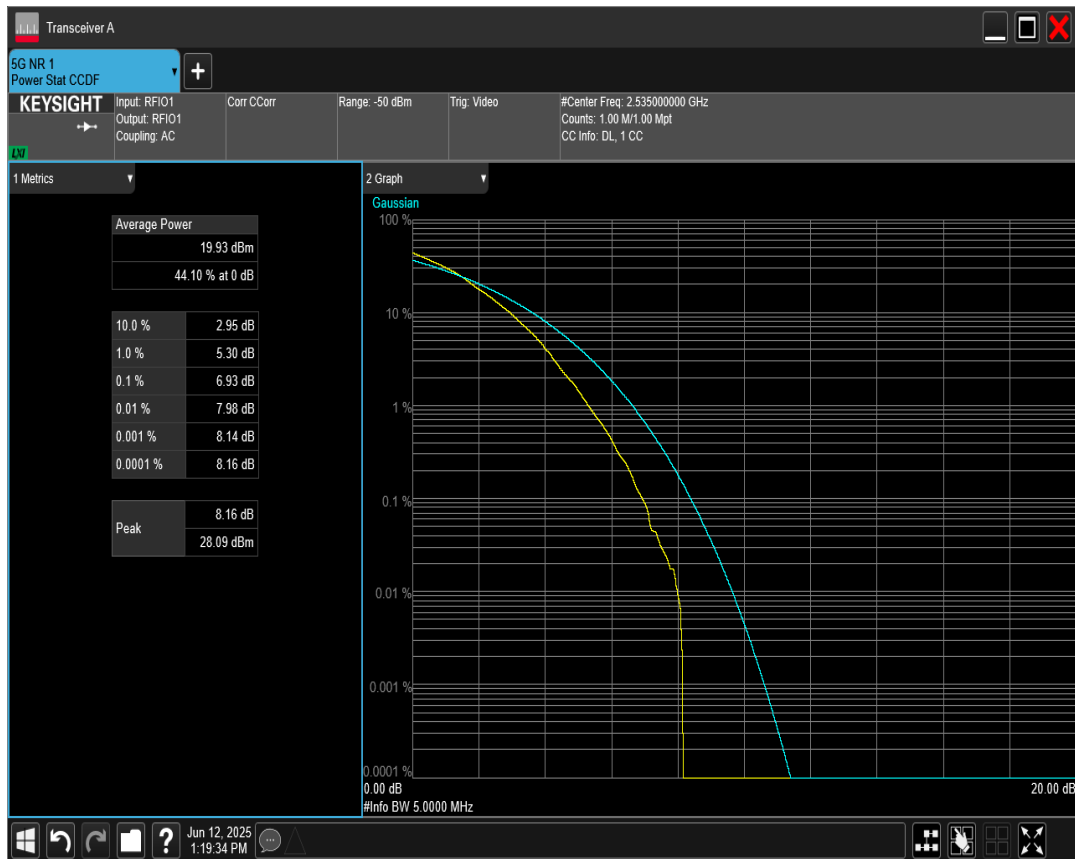
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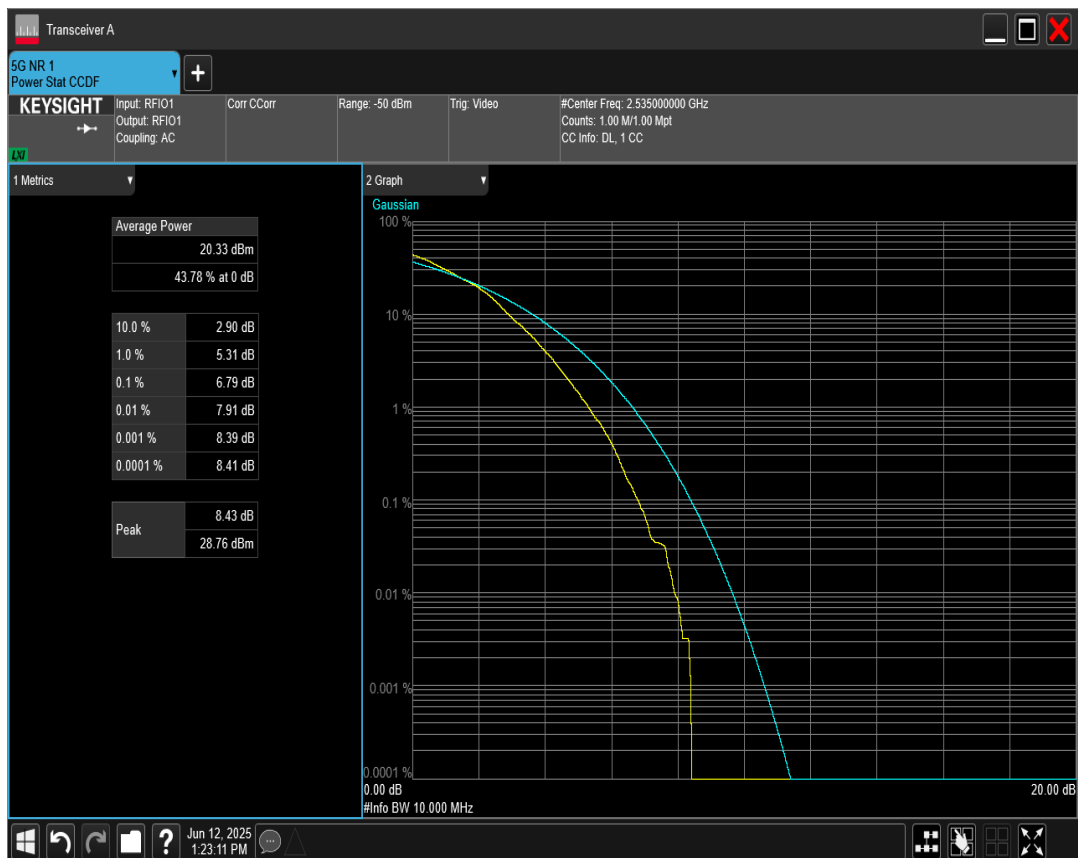
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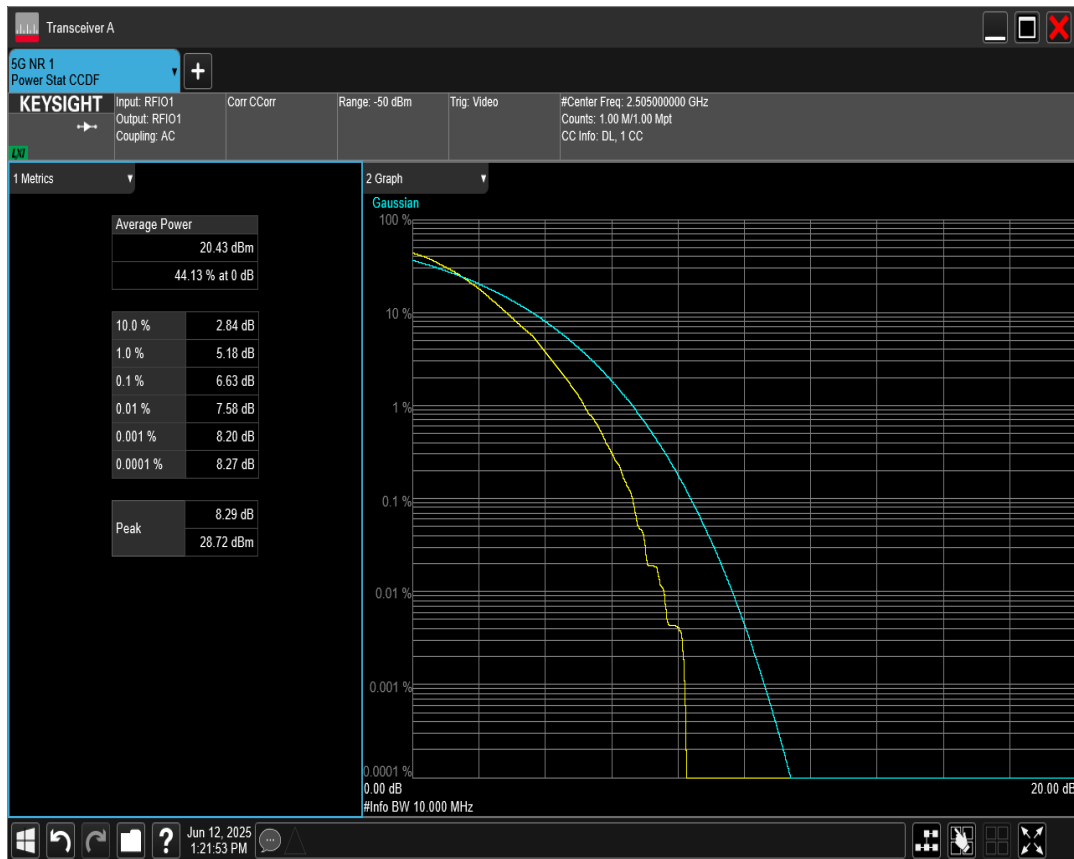
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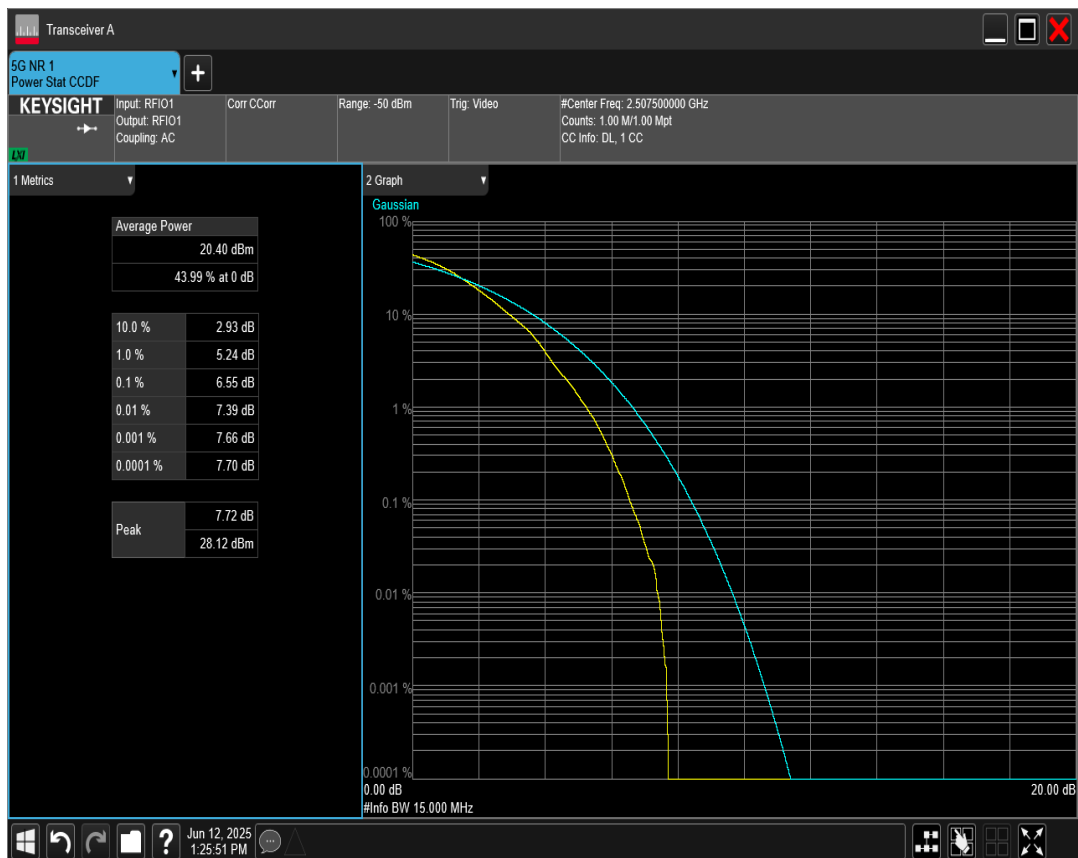
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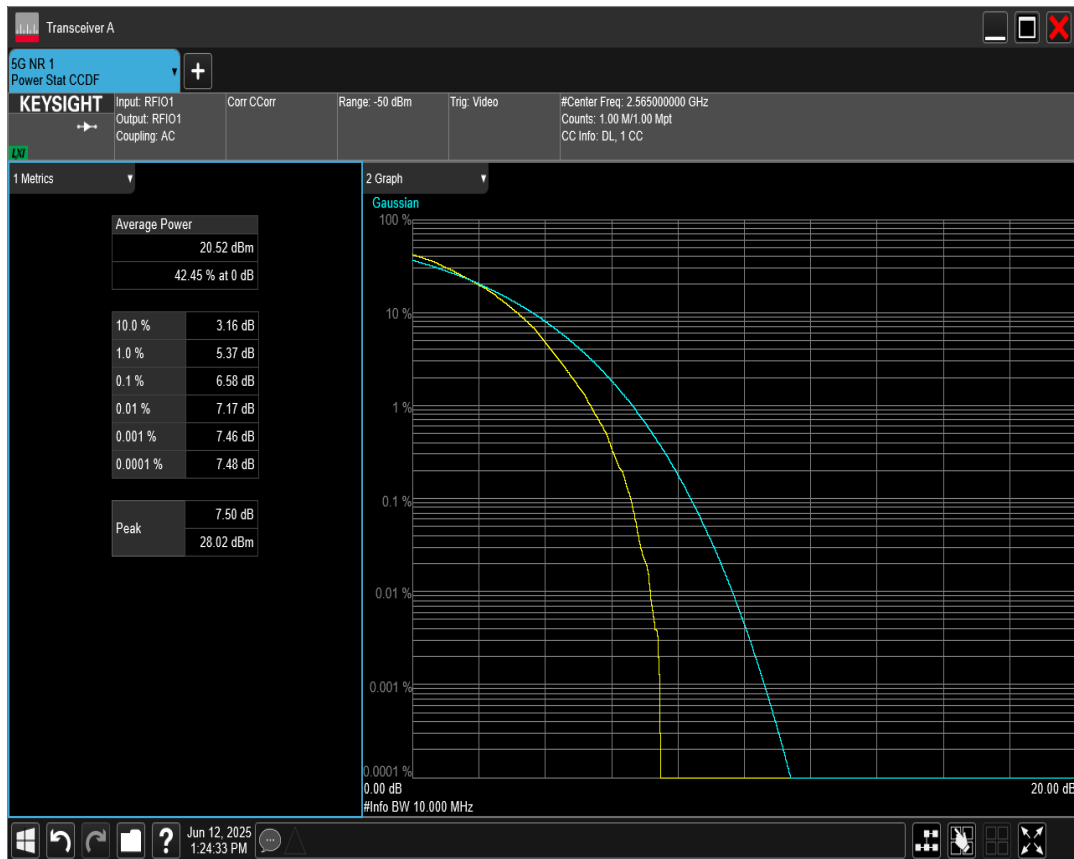
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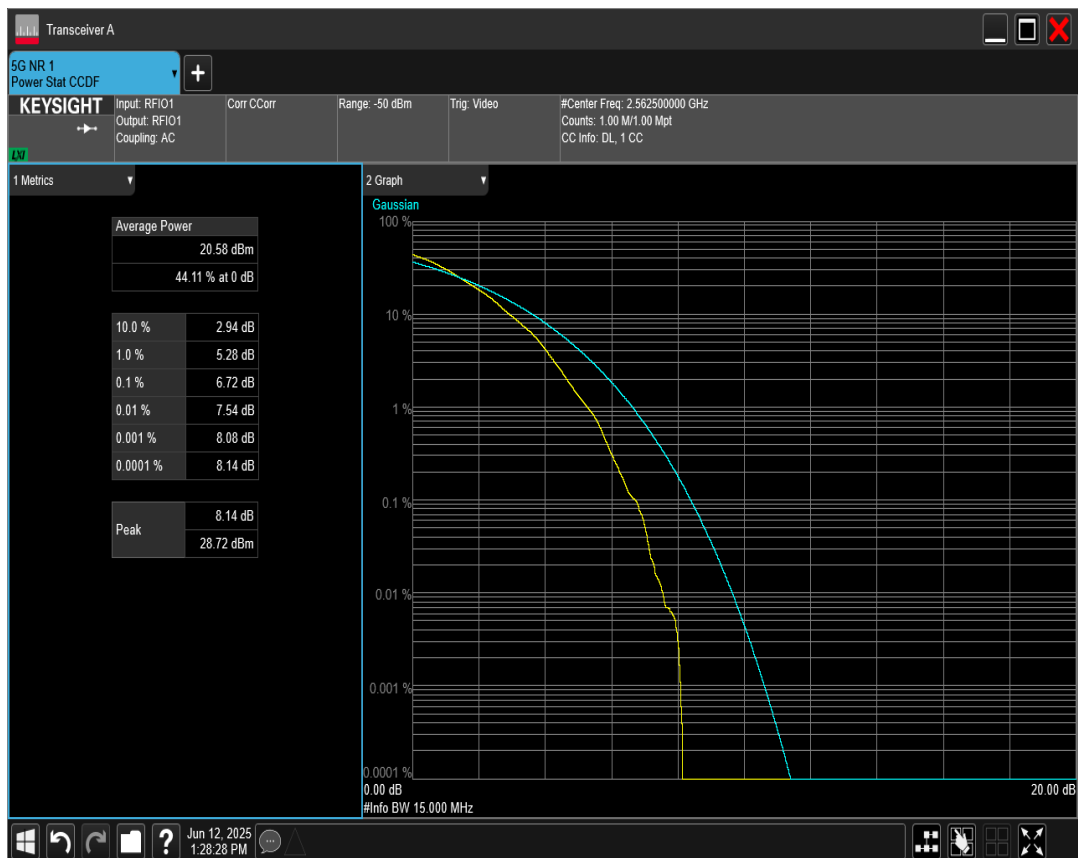
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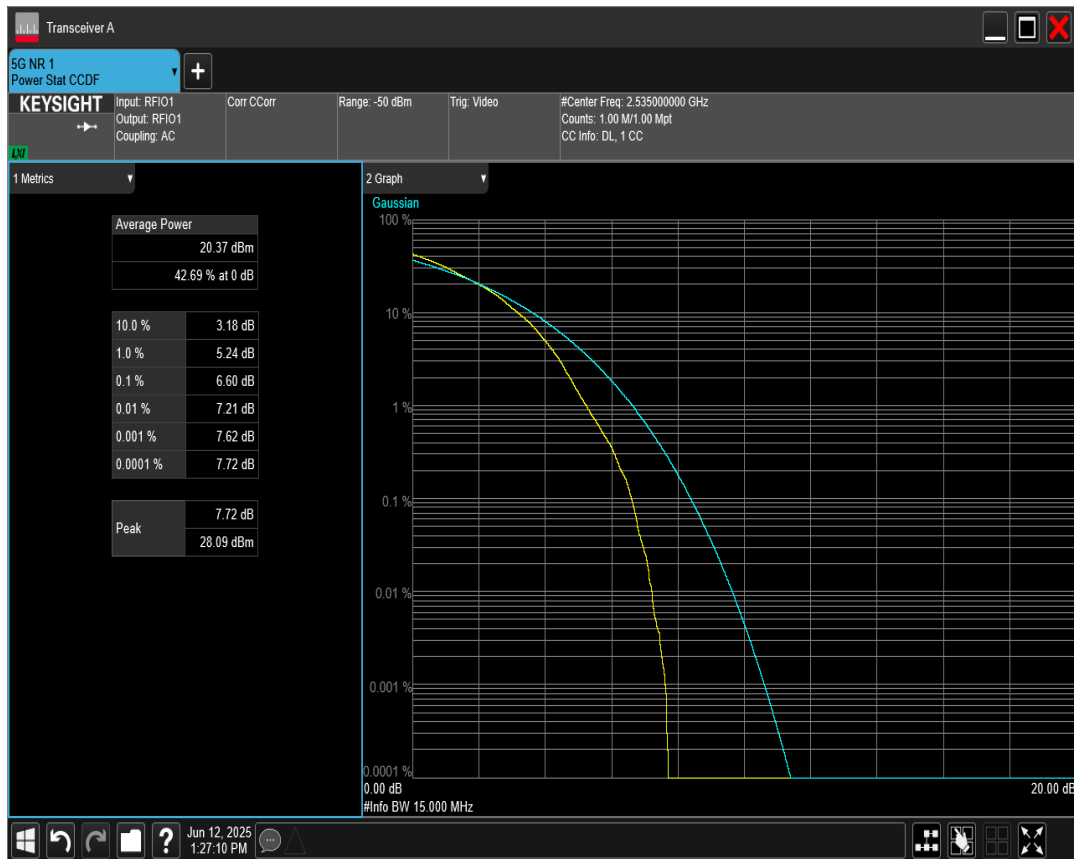
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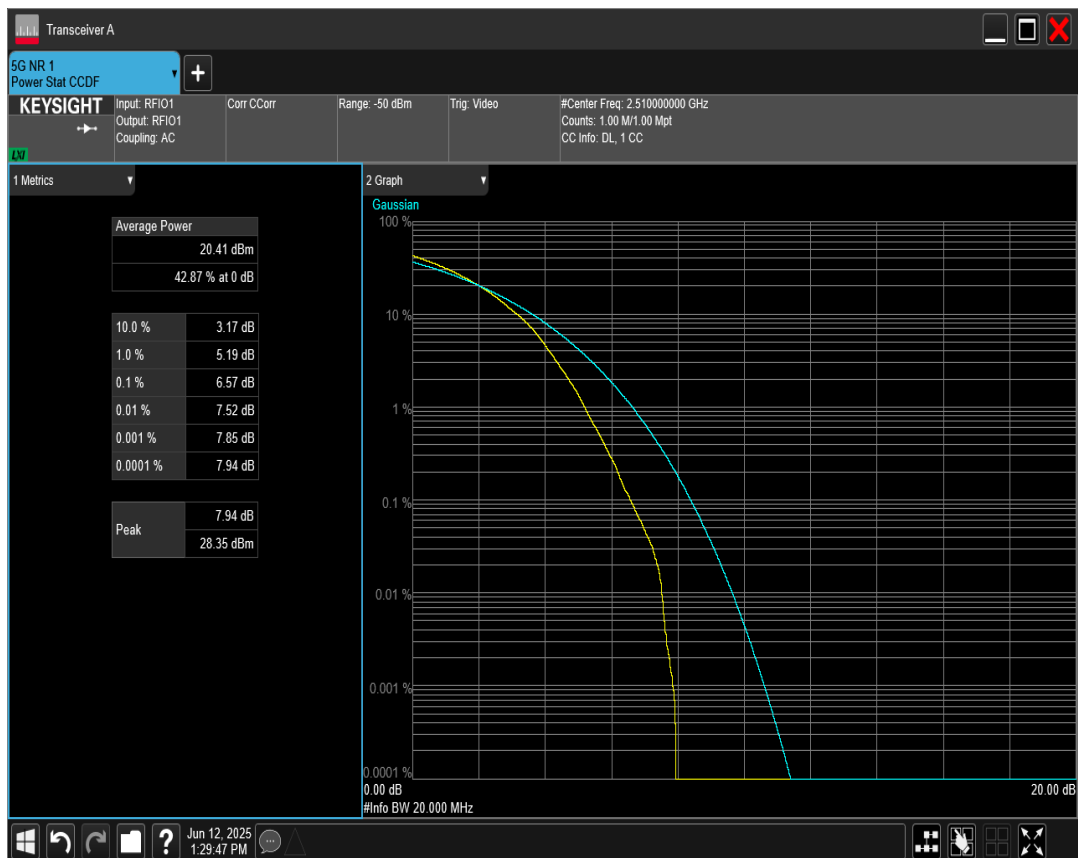
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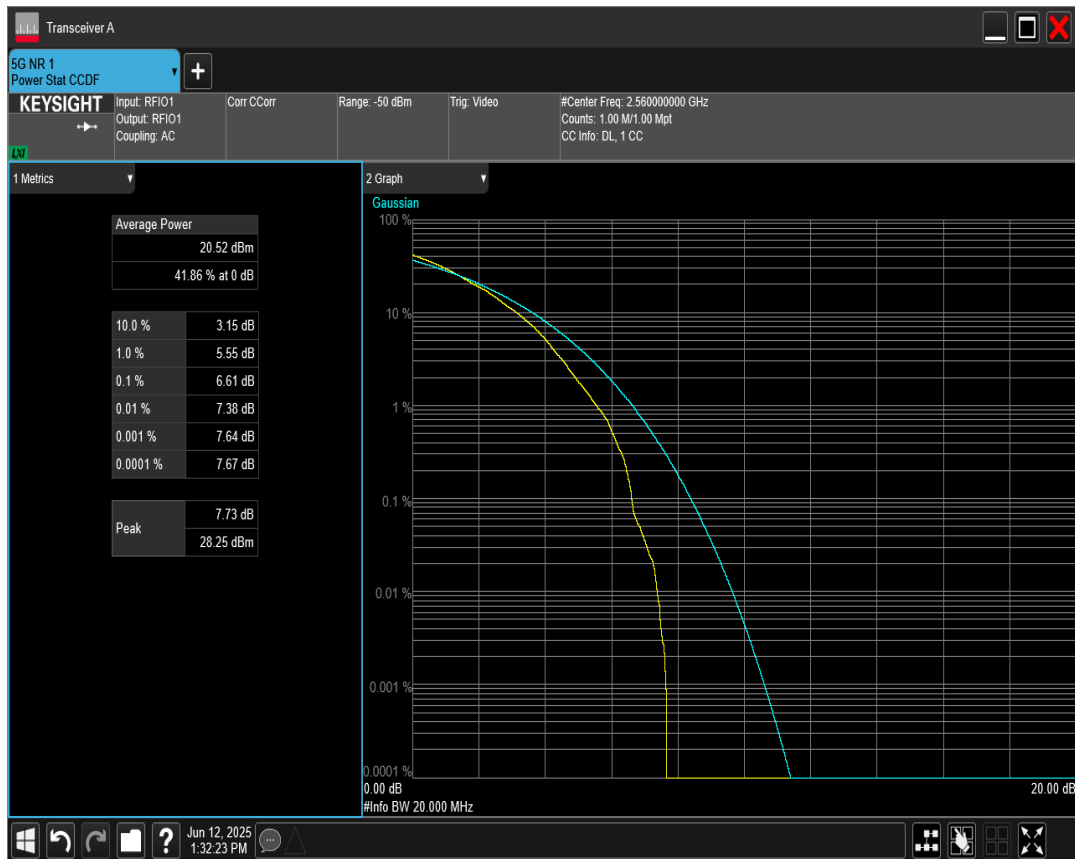
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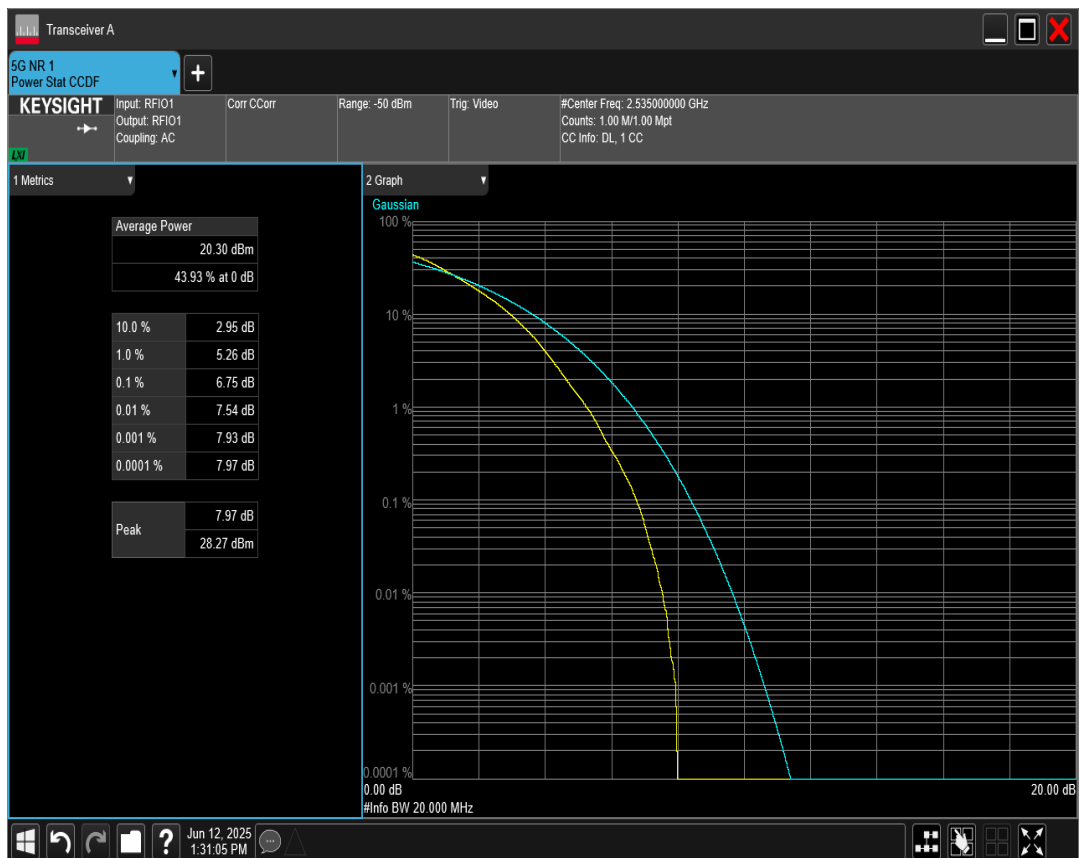
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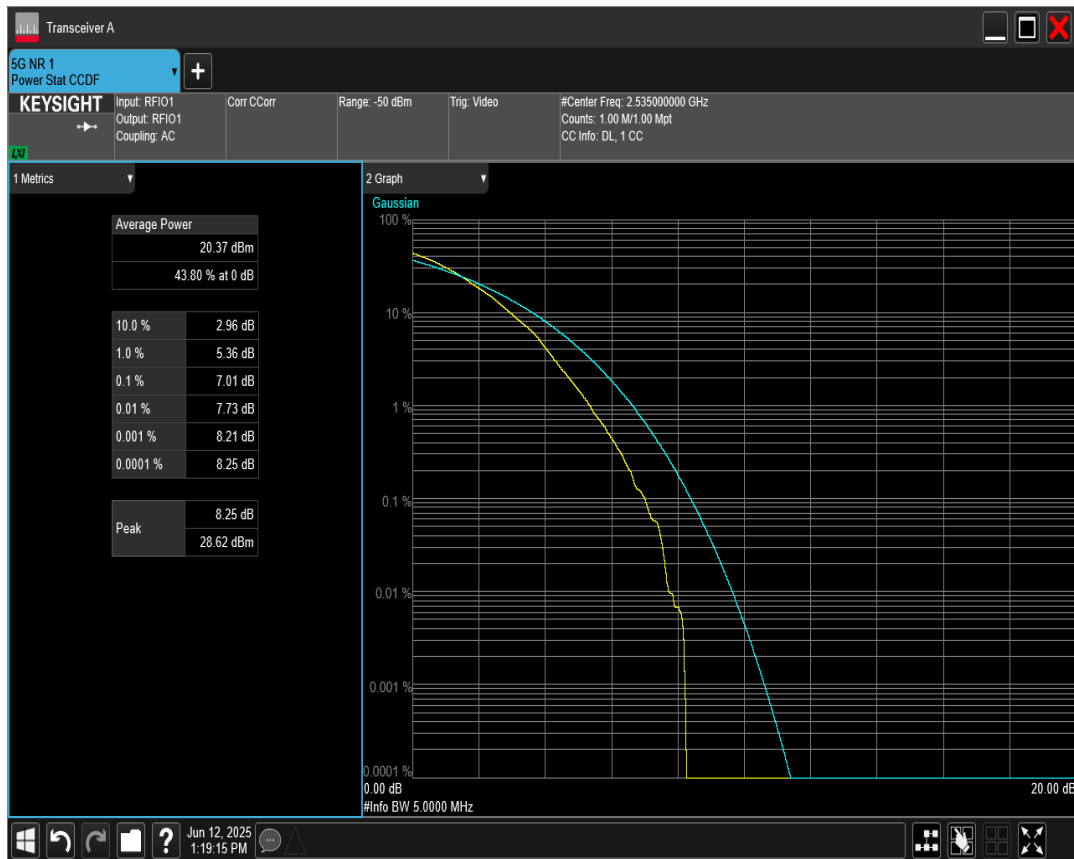
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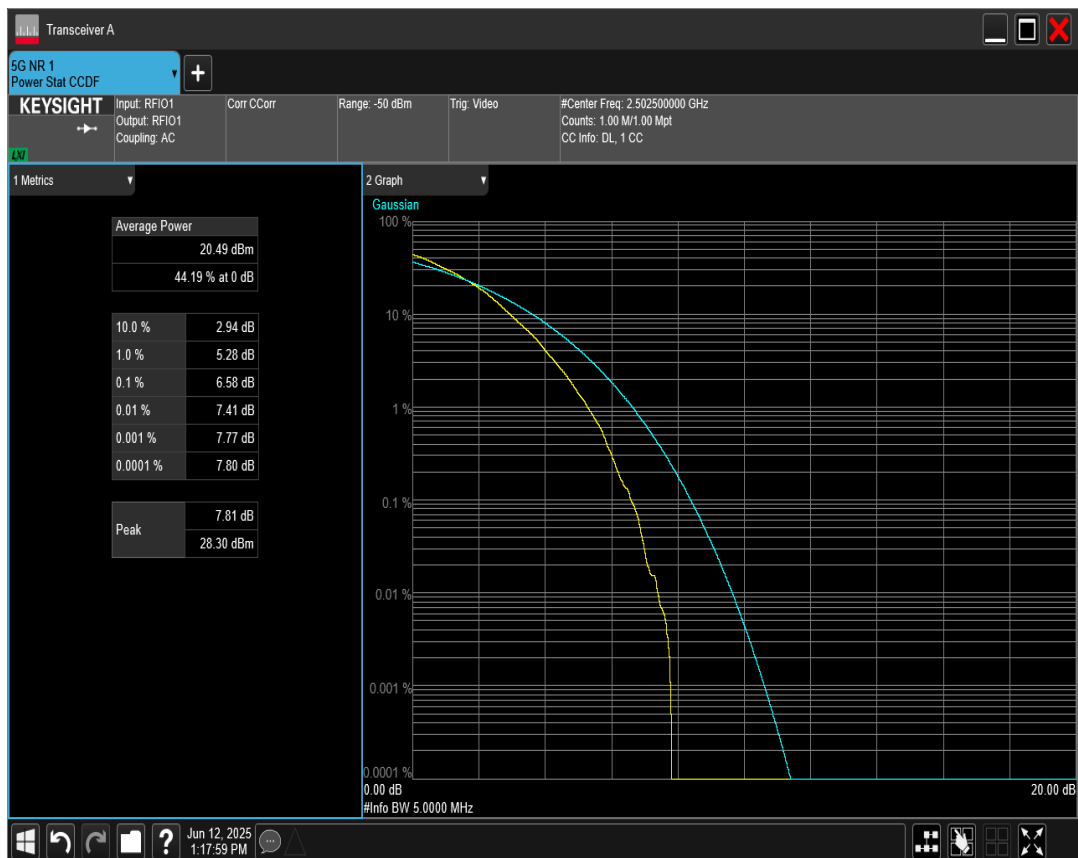
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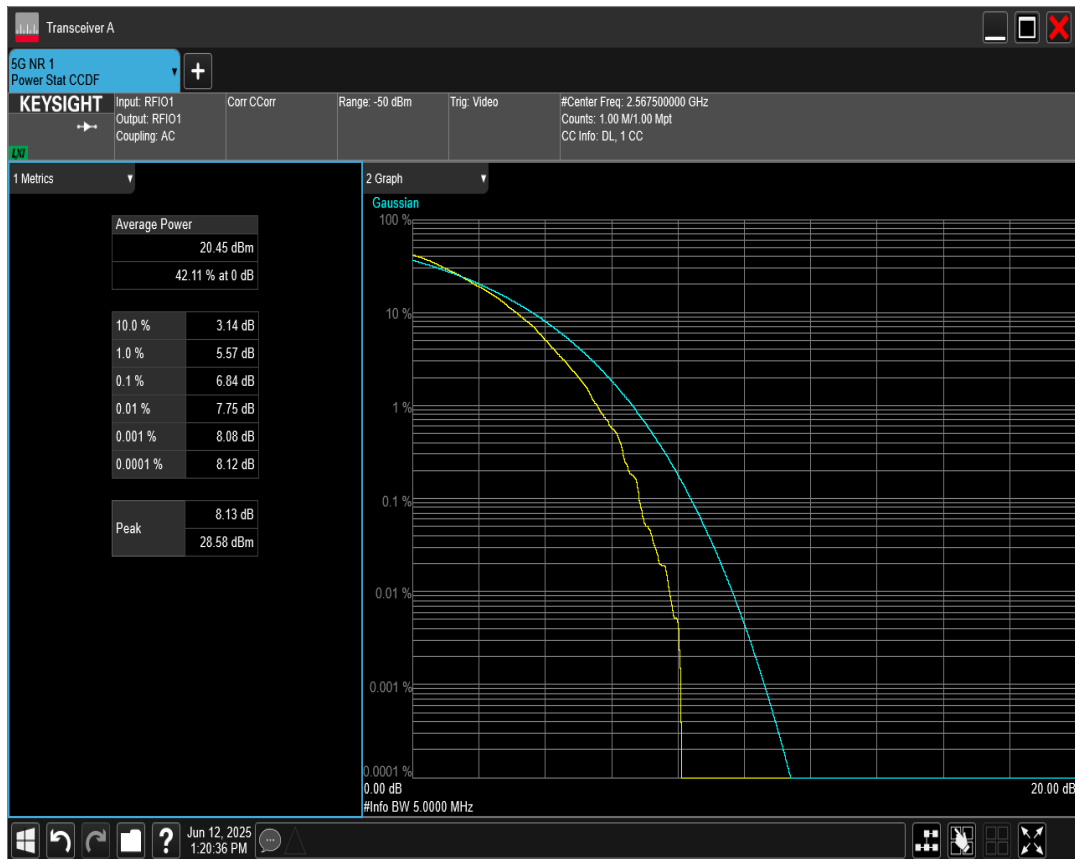
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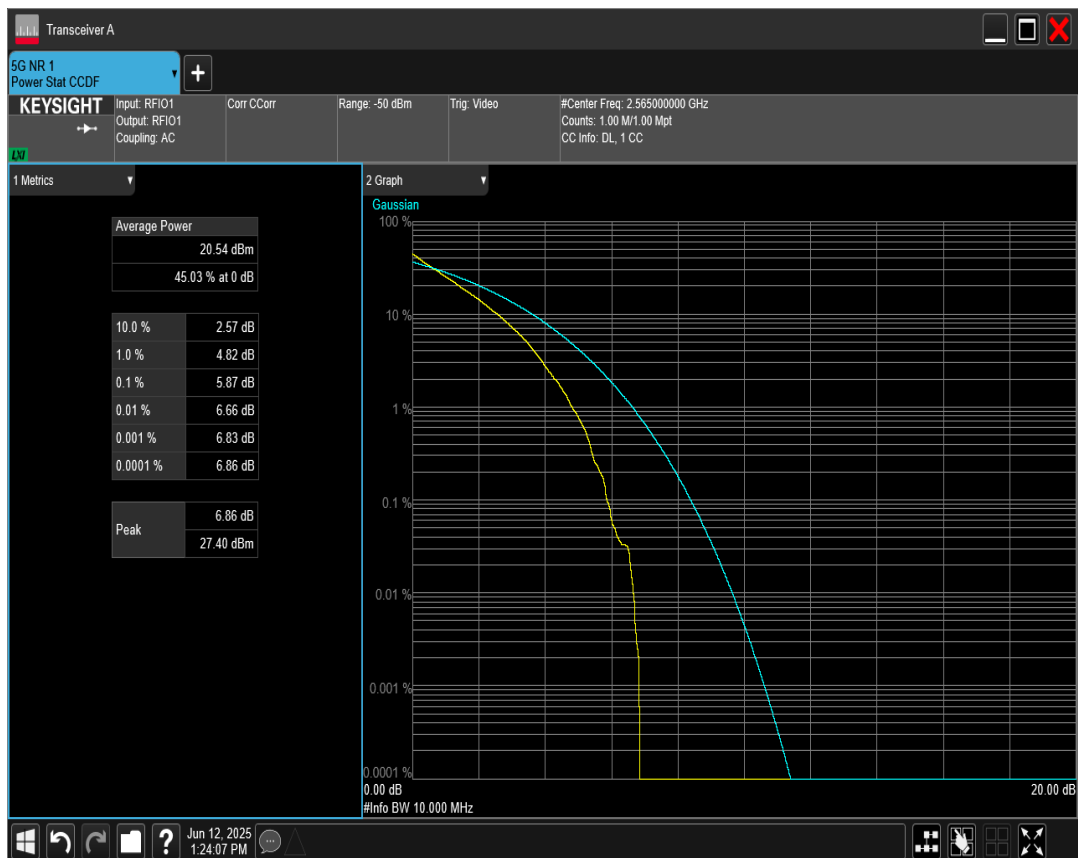
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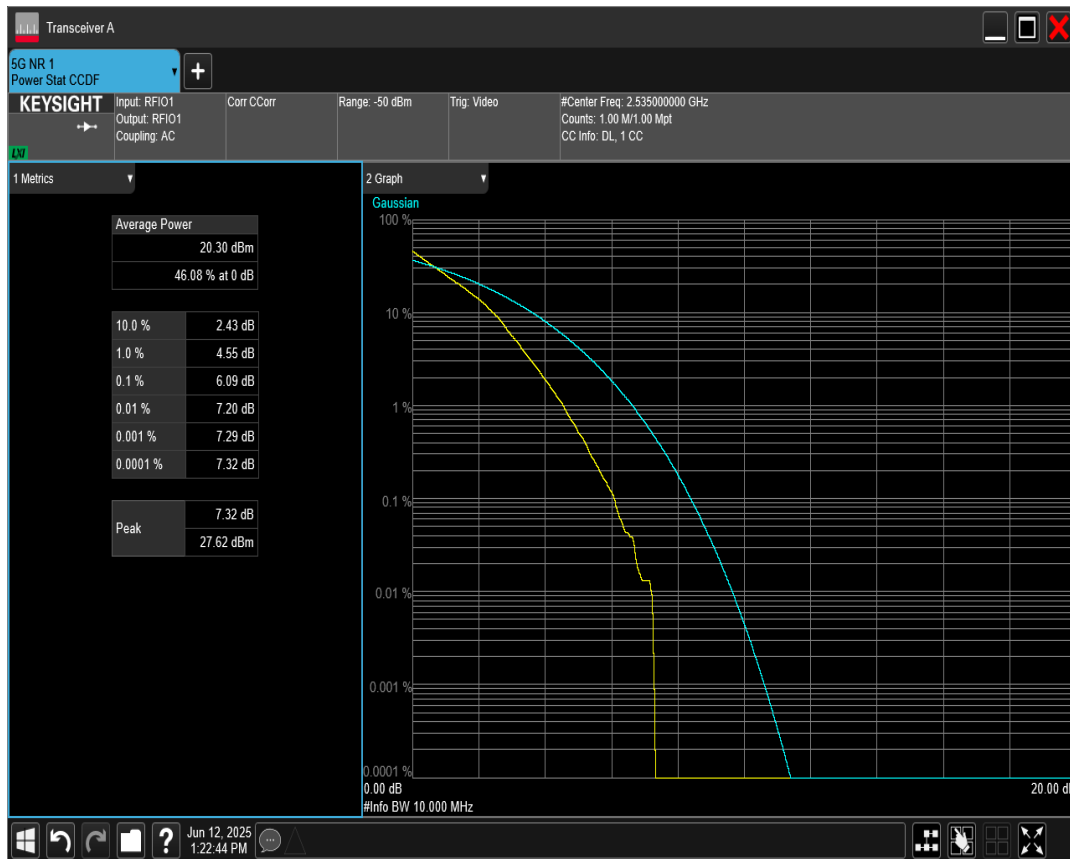
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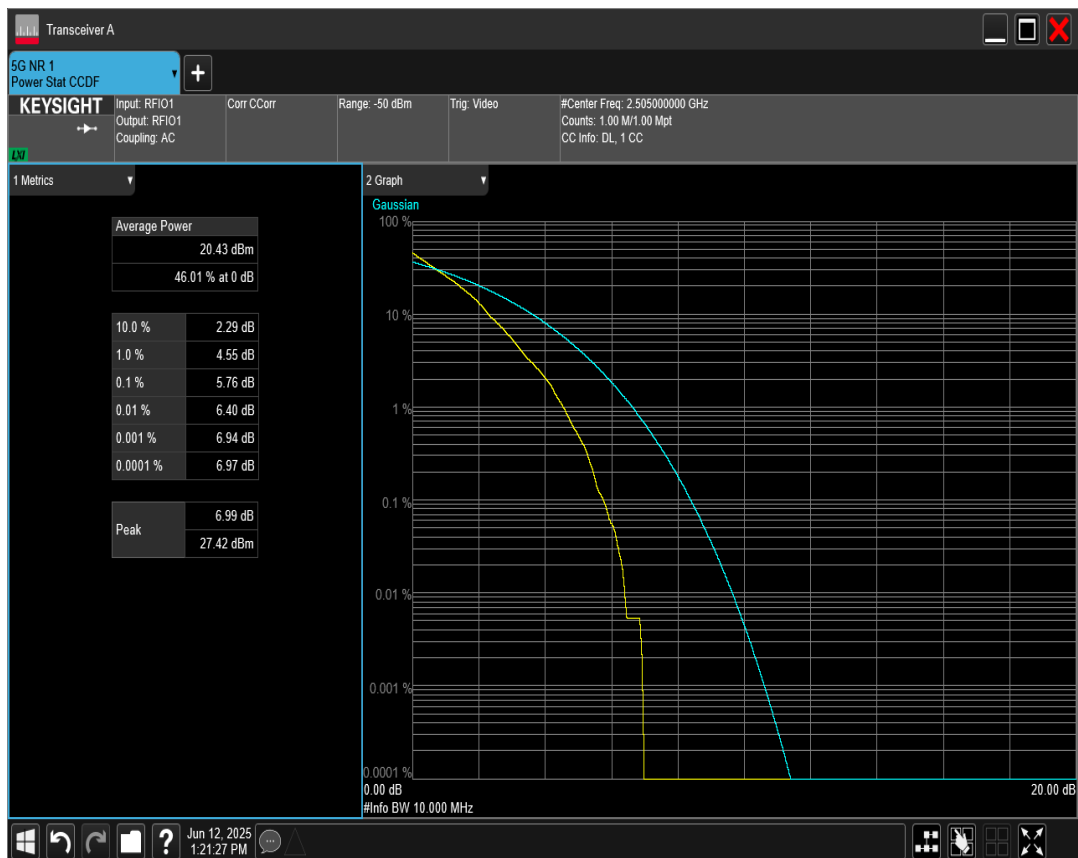
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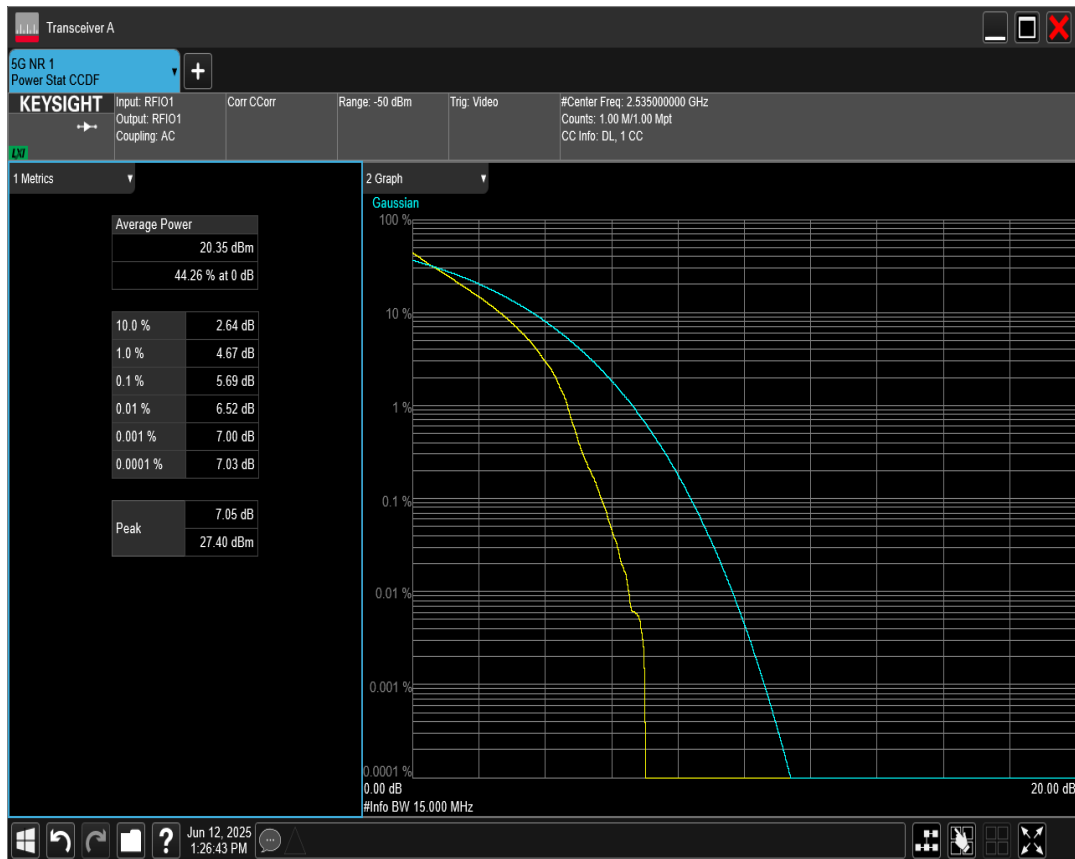
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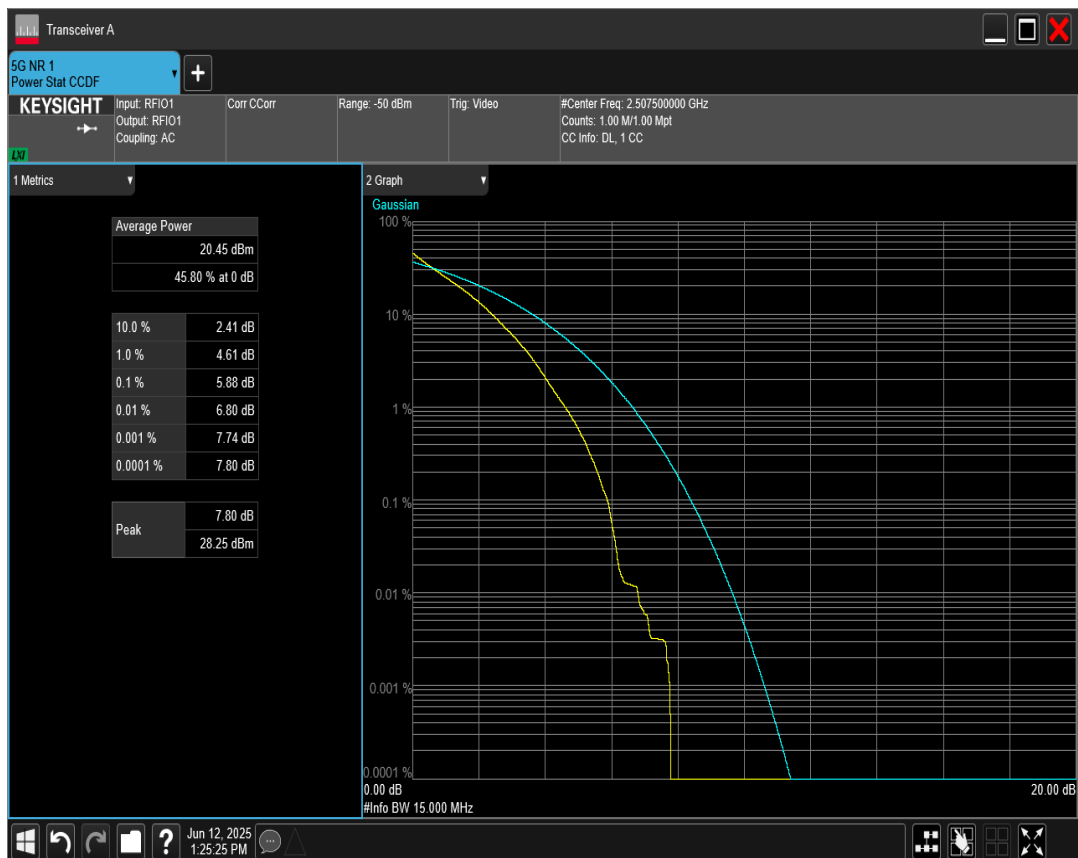
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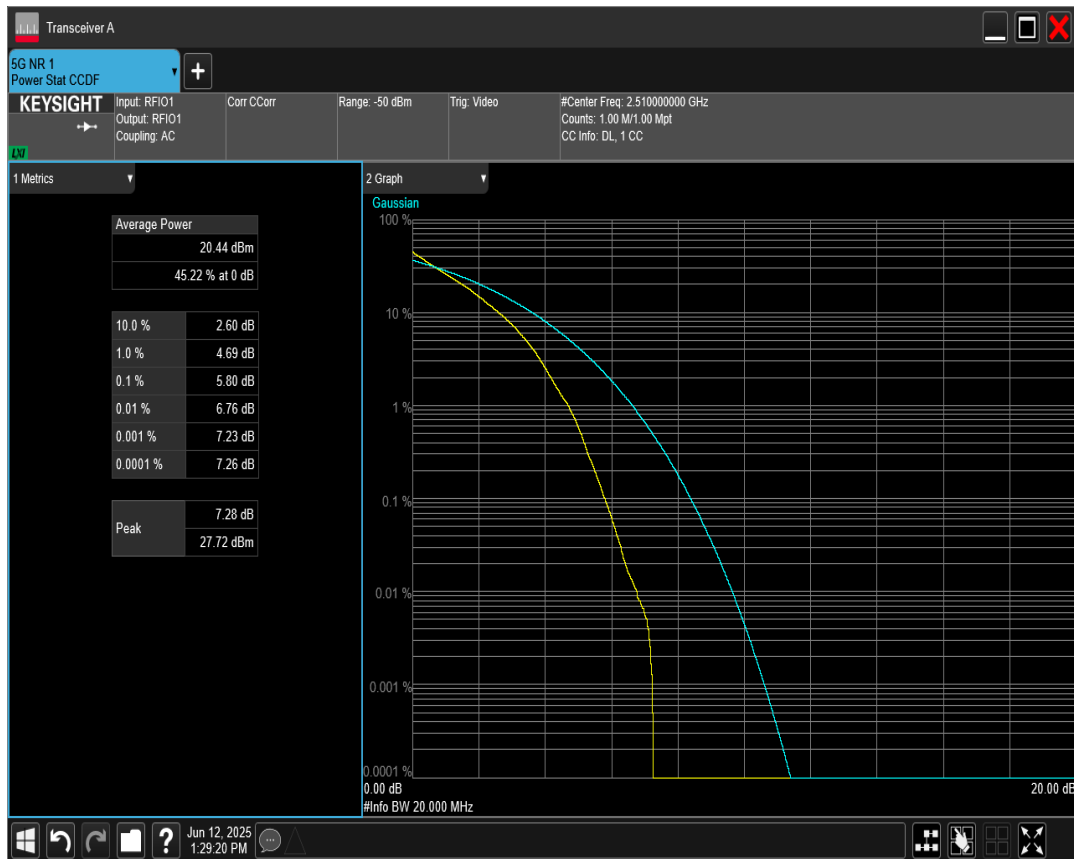
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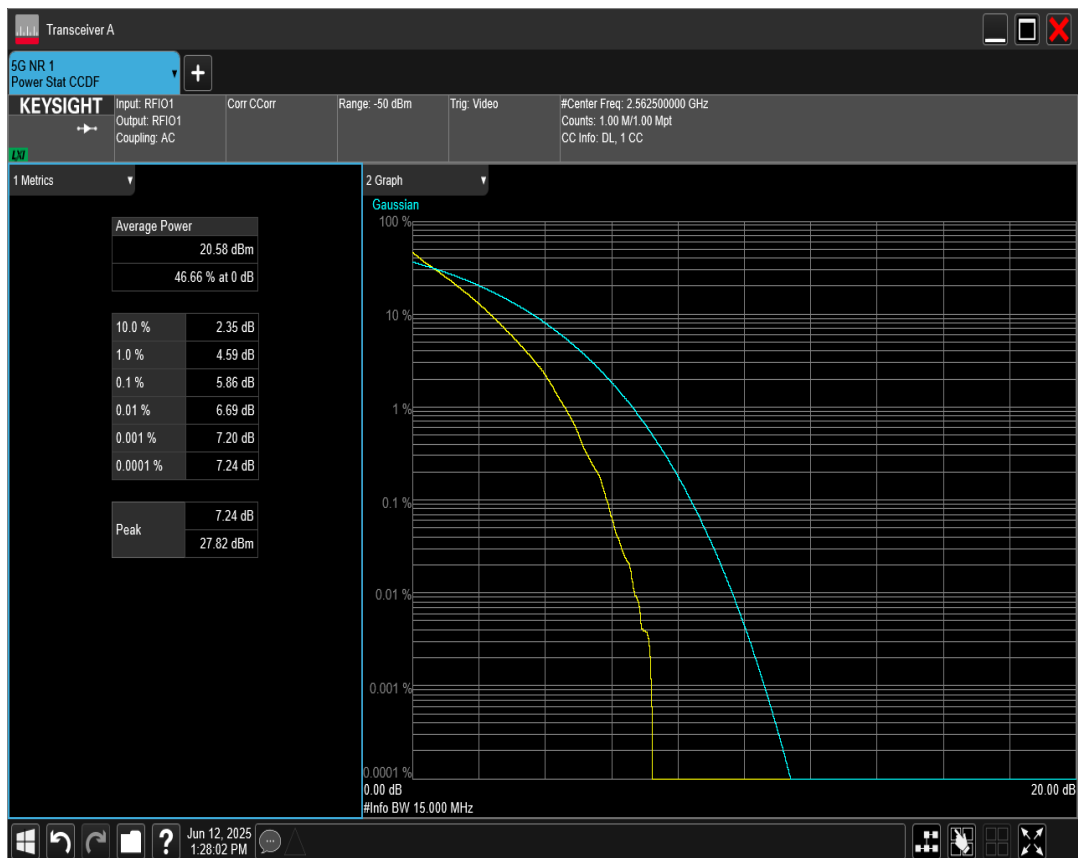
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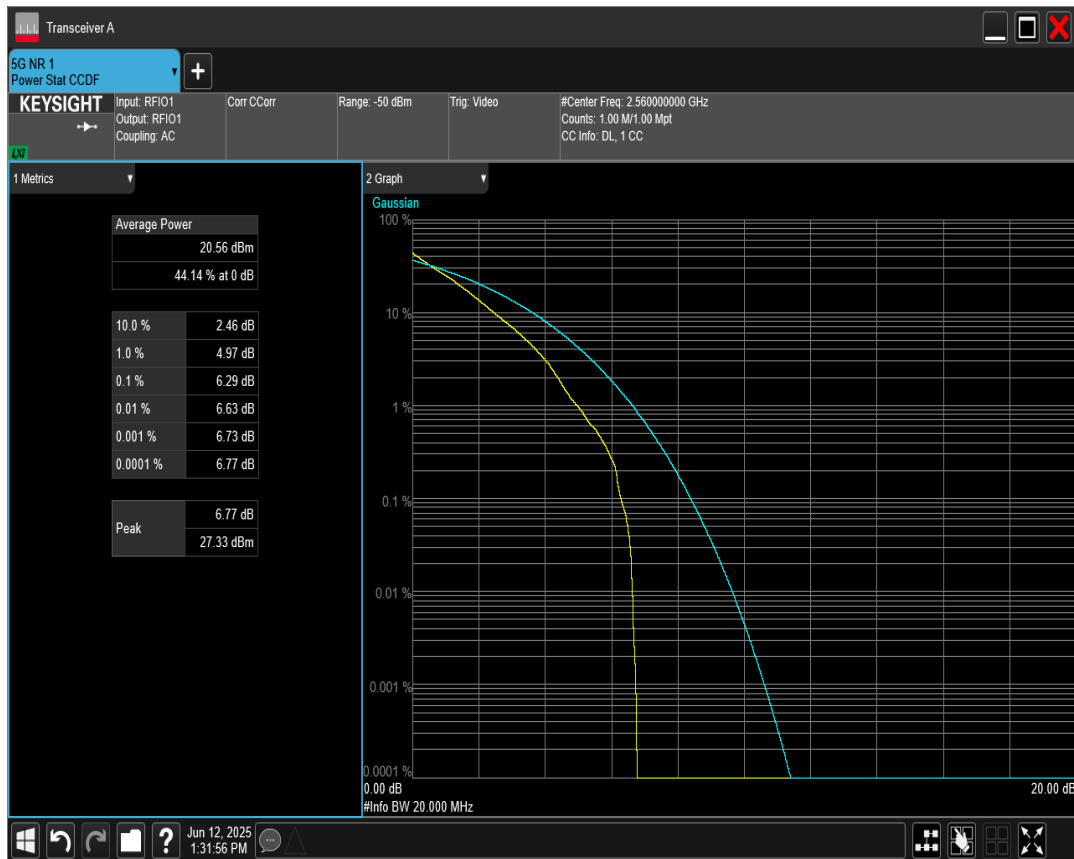
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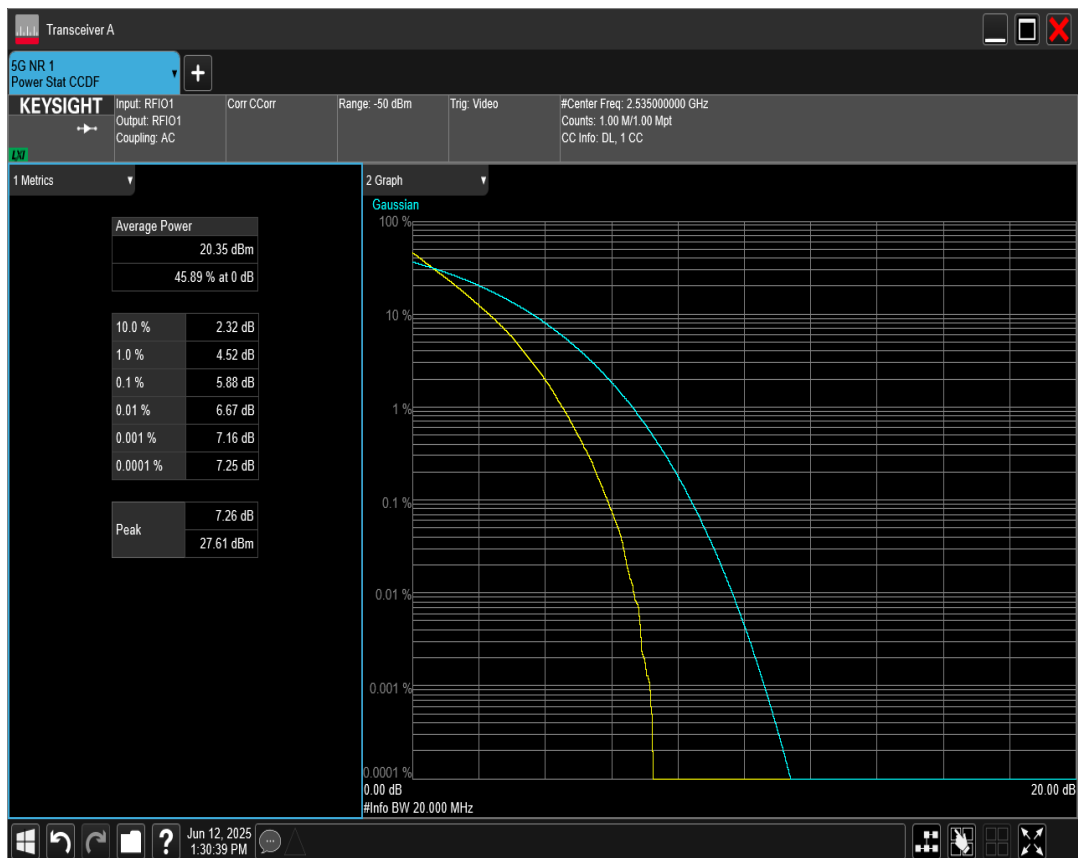
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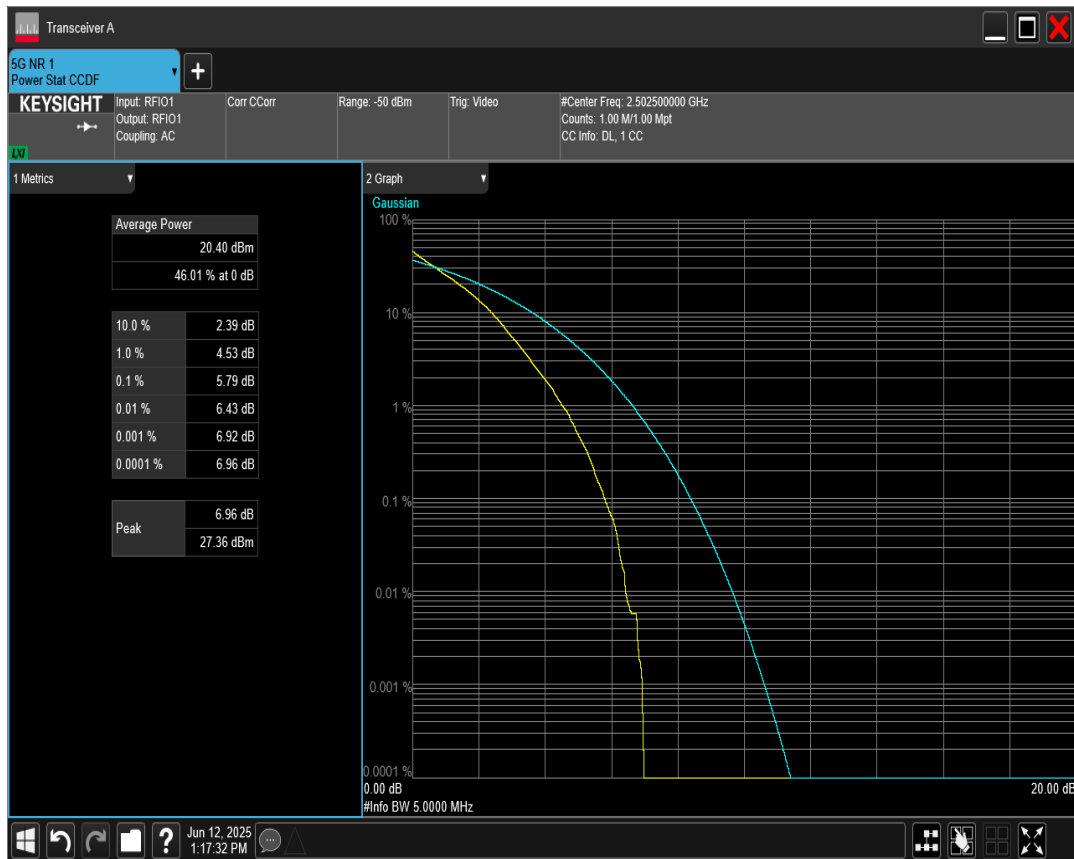
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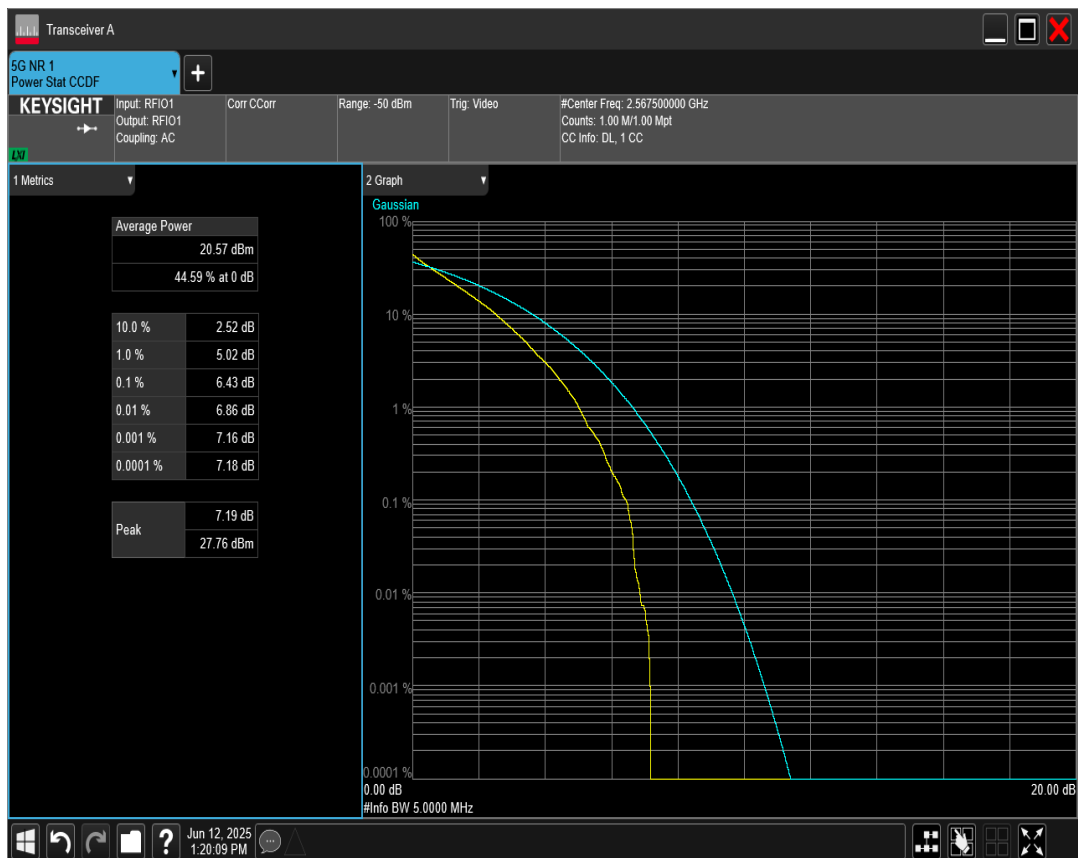
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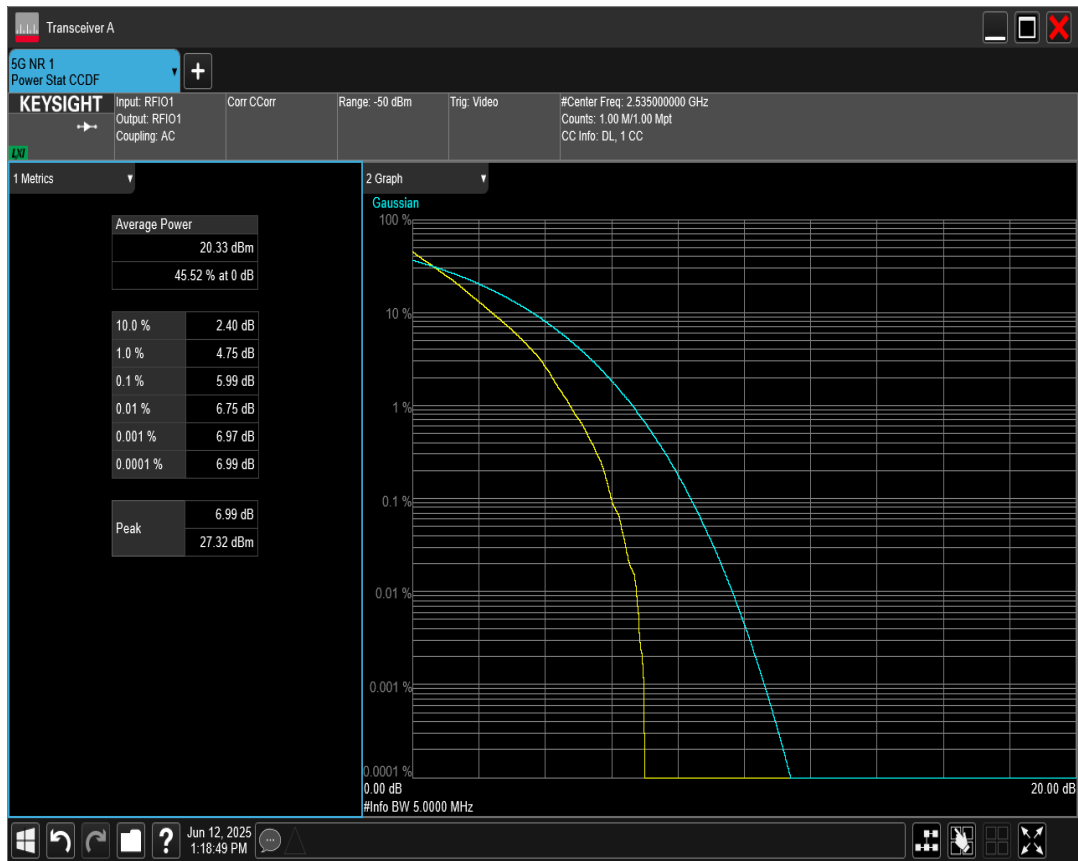
***n7 SCS=15kHz DFT\_QPSK BW=5MHz Channel=500500 RB=25@0***



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



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



## 4 Occupied bandwidth for EN-DC

| <b>Band</b> | <b>SCS<br/>(kHz)</b> | <b>Bandwidth<br/>(MHz)</b> | <b>UL<br/>Channel</b> | <b>RB<br/>Allocation</b> | <b>Modulation</b> | <b>99%<br/>OBW<br/>(MHz)</b> | <b>-26dB<br/>EBW<br/>(MHz)</b> | <b>Verdict</b> |
|-------------|----------------------|----------------------------|-----------------------|--------------------------|-------------------|------------------------------|--------------------------------|----------------|
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_BPSK          | 4.470                        | 4.630                          | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QPSK          | 4.460                        | 4.650                          | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QAM16         | 4.460                        | 4.650                          | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QAM64         | 4.470                        | 4.630                          | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QAM256        | 4.460                        | 4.630                          | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_BPSK          | 9.240                        | 9.130                          | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QPSK          | 9.200                        | 9.100                          | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QAM16         | 9.260                        | 9.160                          | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QAM64         | 9.200                        | 9.100                          | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QAM256        | 9.180                        | 9.160                          | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_BPSK          | 13.980                       | 13.650                         | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QPSK          | 14.020                       | 13.620                         | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QAM16         | 13.960                       | 13.640                         | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QAM64         | 14.020                       | 13.600                         | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QAM256        | 13.940                       | 13.610                         | PASS           |
| n7          | 15                   | 20                         | 507000                | 100@0                    | DFT_BPSK          | 18.810                       | 18.160                         | PASS           |
| n7          | 15                   | 20                         | 507000                | 100@0                    | DFT_QPSK          | 18.730                       | 18.120                         | PASS           |
| n7          | 15                   | 20                         | 507000                | 100@0                    | DFT_QAM16         | 18.700                       | 18.090                         | PASS           |
| n7          | 15                   | 20                         | 507000                | 100@0                    | DFT_QAM64         | 18.780                       | 18.130                         | PASS           |
| n7          | 15                   | 20                         | 507000                | 100@0                    | DFT_QAM256        | 18.710                       | 18.140                         | PASS           |

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



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



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



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



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



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



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



***n7 SCS=15kHz DFT\_QAM256 BW=10MHz Channel=507000 RB=50@0***



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



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



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



## 5 Band edge for EN-DC

| <b>Band</b> | <b>SCS<br/>(kHz)</b> | <b>Bandwidth<br/>(MHz)</b> | <b>UL<br/>Channel</b> | <b>RB<br/>Allocation</b> | <b>Modulation</b> | <b>Spur<br/>Freq<br/>(MHz)</b> | <b>Spur<br/>Level<br/>(dBm)</b> | <b>Limit<br/>(dBm)</b> | <b>Verdict</b> |
|-------------|----------------------|----------------------------|-----------------------|--------------------------|-------------------|--------------------------------|---------------------------------|------------------------|----------------|
| n7          | 15                   | 5                          | 500500                | 25@0                     | CP_QPSK           | 2499.00                        | -22.48                          | -10                    | PASS           |
| n7          | 15                   | 5                          | 500500                | 1@0                      | CP_QPSK           | 2499.00                        | -10.43                          | -10                    | PASS           |
| n7          | 15                   | 5                          | 500500                | 1@24                     | CP_QPSK           | 2493.84                        | -40.20                          | -25                    | PASS           |
| n7          | 15                   | 5                          | 513500                | 25@0                     | CP_QPSK           | 2571.00                        | -23.91                          | -10                    | PASS           |
| n7          | 15                   | 5                          | 513500                | 1@0                      | CP_QPSK           | 2576.20                        | -40.34                          | -25                    | PASS           |
| n7          | 15                   | 5                          | 513500                | 1@24                     | CP_QPSK           | 2571.01                        | -11.22                          | -10                    | PASS           |
| n7          | 15                   | 15                         | 501500                | 79@0                     | CP_QPSK           | 2489.99                        | -38.51                          | -25                    | PASS           |
| n7          | 15                   | 15                         | 501500                | 1@0                      | CP_QPSK           | 2498.99                        | -15.59                          | -10                    | PASS           |
| n7          | 15                   | 15                         | 501500                | 1@78                     | CP_QPSK           | 2489.21                        | -40.33                          | -25                    | PASS           |
| n7          | 15                   | 15                         | 512500                | 79@0                     | CP_QPSK           | 2585.59                        | -40.24                          | -25                    | PASS           |
| n7          | 15                   | 15                         | 512500                | 1@0                      | CP_QPSK           | 2585.53                        | -40.24                          | -25                    | PASS           |
| n7          | 15                   | 15                         | 512500                | 1@78                     | CP_QPSK           | 2571.00                        | -17.04                          | -10                    | PASS           |
| n7          | 15                   | 20                         | 502000                | 106@0                    | CP_QPSK           | 2489.93                        | -38.67                          | -25                    | PASS           |
| n7          | 15                   | 20                         | 502000                | 1@0                      | CP_QPSK           | 2499.00                        | -18.97                          | -10                    | PASS           |
| n7          | 15                   | 20                         | 502000                | 1@105                    | CP_QPSK           | 2480.61                        | -40.31                          | -25                    | PASS           |
| n7          | 15                   | 20                         | 512000                | 106@0                    | CP_QPSK           | 2592.83                        | -40.16                          | -25                    | PASS           |
| n7          | 15                   | 20                         | 512000                | 1@0                      | CP_QPSK           | 2592.07                        | -40.08                          | -25                    | PASS           |
| n7          | 15                   | 20                         | 512000                | 1@105                    | CP_QPSK           | 2571.01                        | -20.37                          | -10                    | PASS           |

**n7 SCS=15kHz CP\_QPSK BW=15MHz Channel=501500 RB=1@0**