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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 |
|-------|--------------|--------------------|---------------|------------------|------------|----------------|-----------------------|------------------------|---------|
| Band4 | 15           | 5                  | 19975         | 1@0              | QPSK       | 18.32          |                       |                        |         |
| n7    | 15           | 5                  | 500500        | 1@0              | DFT_BPSK   | 20.65          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 22.64          | 19                    | 26                     | PASS    |
| Band4 | 15           | 5                  | 20175         | 8@0              | QPSK       | 18.76          |                       |                        |         |
| n7    | 15           | 5                  | 507000        | 12@6             | DFT_BPSK   | 20.77          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 22.89          | 19                    | 26                     | PASS    |
| Band4 | 15           | 5                  | 20175         | 8@0              | QPSK       | 18.77          |                       |                        |         |
| n7    | 15           | 5                  | 507000        | 12@6             | DFT_QPSK   | 20.73          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 22.86          | 19                    | 26                     | PASS    |
| Band4 | 15           | 5                  | 20375         | 1@17             | QPSK       | 18.50          |                       |                        |         |
| n7    | 15           | 5                  | 513500        | 1@24             | DFT_BPSK   | 20.95          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 22.90          | 19                    | 26                     | PASS    |
| Band4 | 15           | 5                  | 20375         | 8@17             | QPSK       | 18.83          |                       |                        |         |
| n7    | 15           | 5                  | 513500        | 12@6             | DFT_BPSK   | 20.92          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 23.00          | 19                    | 26                     | PASS    |
| Band4 | 15           | 5                  | 20375         | 1@17             | QPSK       | 18.52          |                       |                        |         |
| n7    | 15           | 5                  | 513500        | 1@24             | DFT_QPSK   | 20.84          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 22.84          | 19                    | 26                     | PASS    |
| Band4 | 15           | 5                  | 20375         | 8@17             | QPSK       | 18.84          |                       |                        |         |
| n7    | 15           | 5                  | 513500        | 12@6             | DFT_QPSK   | 20.86          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 22.97          | 19                    | 26                     | PASS    |
| Band4 | 15           | 20                 | 20050         | 1@0              | QPSK       | 18.44          |                       |                        |         |
| n7    | 15           | 20                 | 502000        | 1@0              | DFT_BPSK   | 20.54          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 22.62          | 19                    | 26                     | PASS    |
| Band4 | 15           | 20                 | 20175         | 18@0             | QPSK       | 18.80          |                       |                        |         |
| n7    | 15           | 20                 | 507000        | 50@25            | DFT_BPSK   | 20.69          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 22.85          | 19                    | 26                     | PASS    |
| Band4 | 15           | 20                 | 20175         | 18@0             | QPSK       | 18.81          |                       |                        |         |
| n7    | 15           | 20                 | 507000        | 50@25            | DFT_QPSK   | 20.76          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 22.90          | 19                    | 26                     | PASS    |
| Band4 | 15           | 20                 | 20300         | 1@72             | QPSK       | 19.05          |                       |                        |         |
| n7    | 15           | 20                 | 512000        | 1@105            | DFT_BPSK   | 20.81          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 23.02          | 19                    | 26                     | PASS    |
| Band4 | 15           | 20                 | 20300         | 18@72            | QPSK       | 18.91          |                       |                        |         |
| n7    | 15           | 20                 | 512000        | 50@25            | DFT_BPSK   | 20.88          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 23.01          | 19                    | 26                     | PASS    |
| Band4 | 15           | 20                 | 20300         | 1@72             | QPSK       | 19.01          |                       |                        |         |
| n7    | 15           | 20                 | 512000        | 1@105            | DFT_QPSK   | 20.71          |                       |                        |         |

|       |    |    |        |       |          |       |    |    |      |
|-------|----|----|--------|-------|----------|-------|----|----|------|
| Sum   | 15 |    |        |       |          | 22.95 | 19 | 26 | PASS |
| Band4 | 15 | 20 | 20300  | 18@72 | QPSK     | 18.91 |    |    |      |
| n7    | 15 | 20 | 512000 | 50@25 | DFT_QPSK | 20.96 |    |    |      |
| Sum   | 15 |    |        |       |          | 23.06 | 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   | -12.88     | -0.00515        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 1@1              | DFT_BPSK   | -8.51      | -0.00340        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 1@23             | DFT_BPSK   | -6.54      | -0.00261        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 12@6             | DFT_QPSK   | -7.79      | -0.00311        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 1@1              | DFT_QPSK   | -8.55      | -0.00342        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 1@23             | DFT_QPSK   | -6.38      | -0.00255        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 12@6             | DFT_BPSK   | -7.26      | -0.00286        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 1@1              | DFT_BPSK   | -4.67      | -0.00184        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 1@23             | DFT_BPSK   | -4.31      | -0.00170        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 12@6             | DFT_QPSK   | -10.33     | -0.00407        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 1@1              | DFT_QPSK   | -9.72      | -0.00383        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 1@23             | DFT_QPSK   | -3.67      | -0.00145        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 12@6             | DFT_BPSK   | -5.19      | -0.00202        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 1@1              | DFT_BPSK   | -4.91      | -0.00191        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 1@23             | DFT_BPSK   | -5.94      | -0.00231        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 12@6             | DFT_QPSK   | 1.64       | 0.00064         | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 1@1              | DFT_QPSK   | -1.06      | -0.00041        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 1@23             | DFT_QPSK   | -3.49      | -0.00136        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 36@18            | DFT_BPSK   | -6.29      | -0.00251        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 1@1              | DFT_BPSK   | -4.55      | -0.00181        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 1@77             | DFT_BPSK   | -5.72      | -0.00228        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 36@18            | DFT_QPSK   | -5.66      | -0.00226        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 1@1              | DFT_QPSK   | -3.16      | -0.00126        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 1@77             | DFT_QPSK   | -1.73      | -0.00069        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 36@18            | DFT_BPSK   | -7.89      | -0.00311        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 1@1              | DFT_BPSK   | -2.05      | -0.00081        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 1@77             | DFT_BPSK   | -7.19      | -0.00284        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 36@18            | DFT_QPSK   | -6.28      | -0.00248        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 1@1              | DFT_QPSK   | -6.27      | -0.00247        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 1@77             | DFT_QPSK   | -4.75      | -0.00187        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 36@18            | DFT_BPSK   | -3.45      | -0.00135        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 1@1              | DFT_BPSK   | -1.51      | -0.00059        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 1@77             | DFT_BPSK   | -5.02      | -0.00196        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 36@18            | DFT_QPSK   | -7.14      | -0.00279        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 1@1              | DFT_QPSK   | -7.14      | -0.00279        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 1@77             | DFT_QPSK   | -5.93      | -0.00231        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 20                 | 502000        | 50@25            | DFT_BPSK   | -3.36      | -0.00134        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 20                 | 502000        | 1@1              | DFT_BPSK   | -2.72      | -0.00108        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 20                 | 502000        | 1@104            | DFT_BPSK   | -3.24      | -0.00129        | -2.5                  | 2.5                    | PASS    |

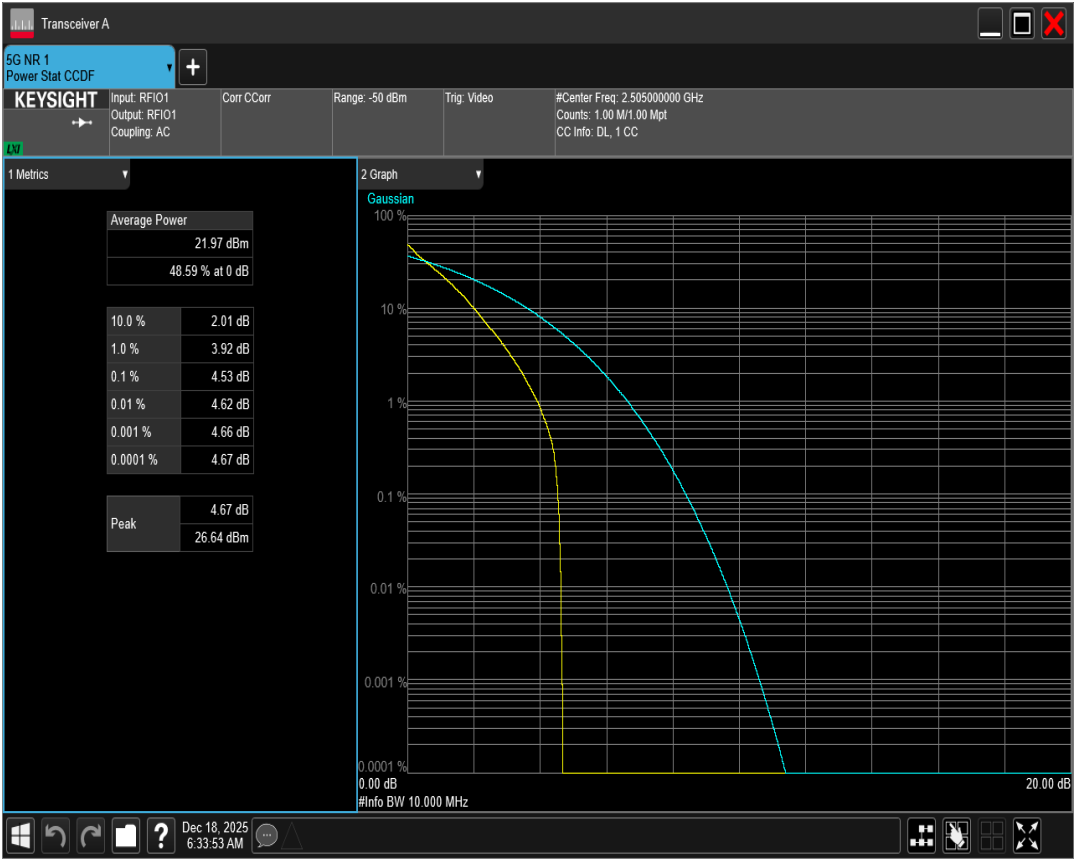
|    |    |    |        |       |          |       |          |      |     |      |
|----|----|----|--------|-------|----------|-------|----------|------|-----|------|
| n7 | 15 | 20 | 502000 | 50@25 | DFT_QPSK | -5.17 | -0.00206 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 502000 | 1@1   | DFT_QPSK | -6.24 | -0.00249 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 502000 | 1@104 | DFT_QPSK | -5.21 | -0.00208 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 50@25 | DFT_BPSK | -9.01 | -0.00355 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 1@1   | DFT_BPSK | -3.06 | -0.00121 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 1@104 | DFT_BPSK | -5.99 | -0.00236 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 50@25 | DFT_QPSK | -3.41 | -0.00135 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 1@1   | DFT_QPSK | -7.80 | -0.00308 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 1@104 | DFT_QPSK | -4.05 | -0.00160 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 50@25 | DFT_BPSK | -2.53 | -0.00099 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 1@1   | DFT_BPSK | -1.80 | -0.00070 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 1@104 | DFT_BPSK | -1.03 | -0.00040 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 50@25 | DFT_QPSK | -4.54 | -0.00177 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 1@1   | DFT_QPSK | -8.10 | -0.00316 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 1@104 | DFT_QPSK | -6.32 | -0.00247 | -2.5 | 2.5 | PASS |

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

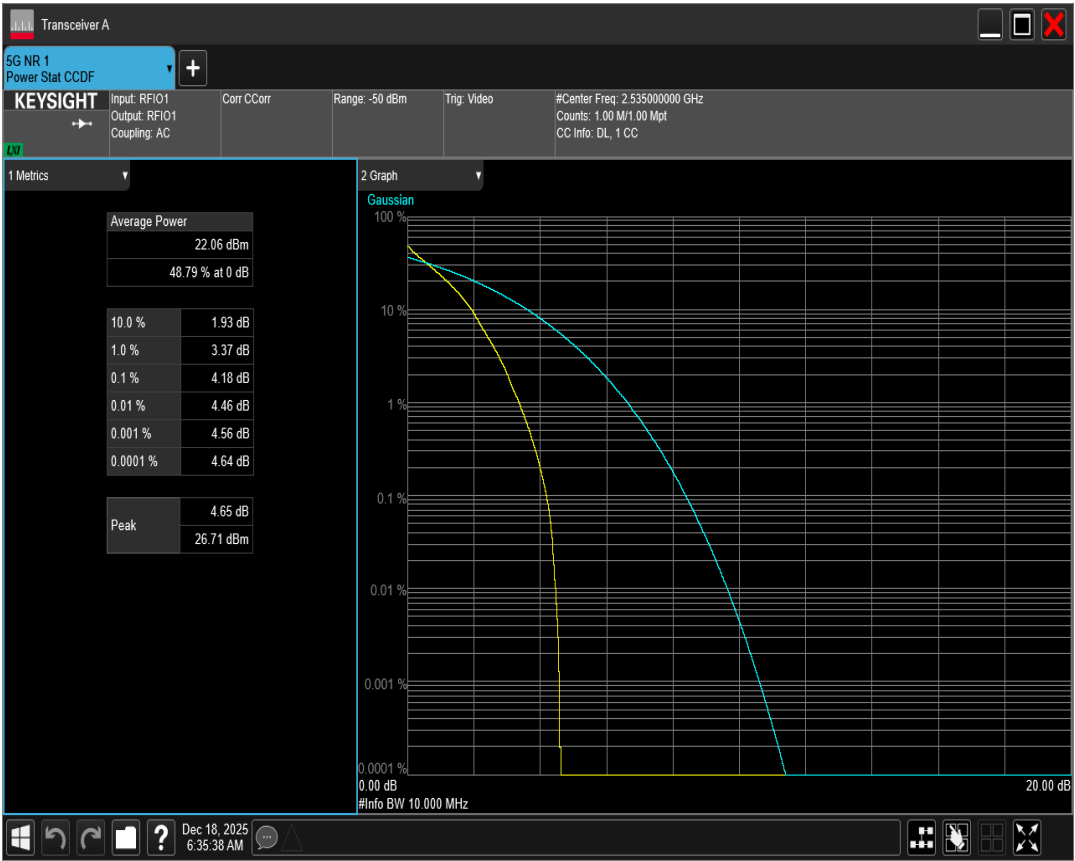
| <i>Band</i> | <i>SCS<br/>(kHz)</i> | <i>Bandwidth<br/>(MHz)</i> | <i>UL<br/>Channel</i> | <i>RB<br/>Allocation</i> | <i>Modulation</i> | <i>Result<br/>(dB)</i> | <i>high<br/>Limit<br/>(dB)</i> | <i>Verdict</i> |
|-------------|----------------------|----------------------------|-----------------------|--------------------------|-------------------|------------------------|--------------------------------|----------------|
| n7          | 15                   | 5                          | 500500                | 25@0                     | DFT_BPSK          | 4.21                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 500500                | 25@0                     | DFT_QPSK          | 5.12                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 500500                | 25@0                     | DFT_QAM16         | 5.72                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 500500                | 25@0                     | DFT_QAM64         | 6.12                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 500500                | 25@0                     | DFT_QAM256        | 6.39                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_BPSK          | 4.06                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QPSK          | 5.11                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QAM16         | 5.77                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QAM64         | 6.03                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QAM256        | 6.42                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 513500                | 25@0                     | DFT_BPSK          | 4.09                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 513500                | 25@0                     | DFT_QPSK          | 5.21                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 513500                | 25@0                     | DFT_QAM16         | 5.72                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 513500                | 25@0                     | DFT_QAM64         | 6.15                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 513500                | 25@0                     | DFT_QAM256        | 6.72                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 501000                | 50@0                     | DFT_BPSK          | 4.53                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 501000                | 50@0                     | DFT_QPSK          | 5.36                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 501000                | 50@0                     | DFT_QAM16         | 5.96                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 501000                | 50@0                     | DFT_QAM64         | 6.35                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 501000                | 50@0                     | DFT_QAM256        | 6.50                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_BPSK          | 4.18                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QPSK          | 5.16                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QAM16         | 5.91                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QAM64         | 6.29                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QAM256        | 6.59                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 513000                | 50@0                     | DFT_BPSK          | 4.11                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 513000                | 50@0                     | DFT_QPSK          | 5.32                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 513000                | 50@0                     | DFT_QAM16         | 5.90                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 513000                | 50@0                     | DFT_QAM64         | 6.30                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 513000                | 50@0                     | DFT_QAM256        | 6.53                   | 13                             | PASS           |
| n7          | 15                   | 15                         | 501500                | 75@0                     | DFT_BPSK          | 4.13                   | 13                             | PASS           |
| n7          | 15                   | 15                         | 501500                | 75@0                     | DFT_QPSK          | 5.12                   | 13                             | PASS           |
| n7          | 15                   | 15                         | 501500                | 75@0                     | DFT_QAM16         | 5.81                   | 13                             | PASS           |
| n7          | 15                   | 15                         | 501500                | 75@0                     | DFT_QAM64         | 6.11                   | 13                             | PASS           |
| n7          | 15                   | 15                         | 501500                | 75@0                     | DFT_QAM256        | 6.46                   | 13                             | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_BPSK          | 4.06                   | 13                             | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QPSK          | 5.21                   | 13                             | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QAM16         | 6.03                   | 13                             | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QAM64         | 6.13                   | 13                             | PASS           |

|    |    |    |        |       |            |      |    |      |
|----|----|----|--------|-------|------------|------|----|------|
| n7 | 15 | 15 | 507000 | 75@0  | DFT_QAM256 | 6.62 | 13 | PASS |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_BPSK   | 4.25 | 13 | PASS |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_QPSK   | 5.12 | 13 | PASS |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_QAM16  | 5.89 | 13 | PASS |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_QAM64  | 5.99 | 13 | PASS |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_QAM256 | 6.44 | 13 | PASS |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_BPSK   | 4.56 | 13 | PASS |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_QPSK   | 5.42 | 13 | PASS |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_QAM16  | 5.88 | 13 | PASS |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_QAM64  | 6.49 | 13 | PASS |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_QAM256 | 6.60 | 13 | PASS |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_BPSK   | 4.21 | 13 | PASS |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_QPSK   | 5.21 | 13 | PASS |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_QAM16  | 5.71 | 13 | PASS |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_QAM64  | 6.55 | 13 | PASS |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_QAM256 | 6.49 | 13 | PASS |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_BPSK   | 4.06 | 13 | PASS |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_QPSK   | 5.20 | 13 | PASS |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_QAM16  | 5.77 | 13 | PASS |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_QAM64  | 6.49 | 13 | PASS |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_QAM256 | 6.53 | 13 | PASS |

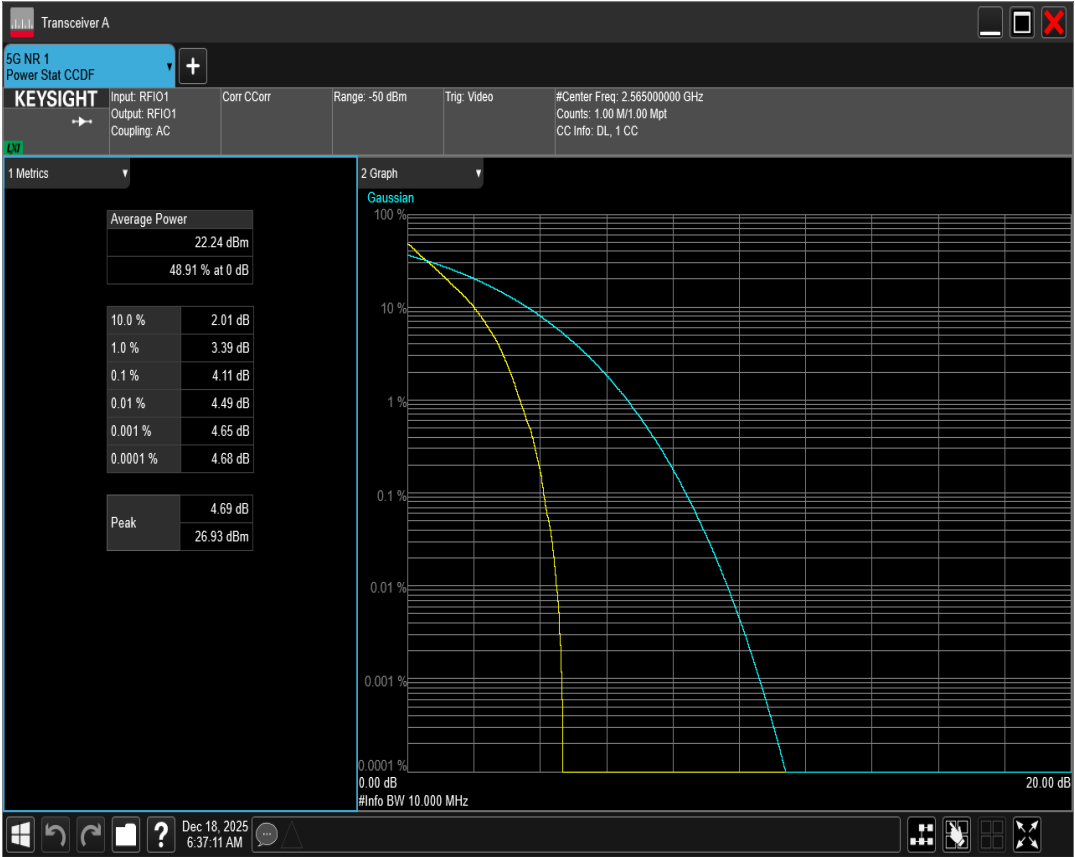
*n7 SCS=15kHz DFT\_BPSK BW=10MHz Channel=501000 RB=50@0*



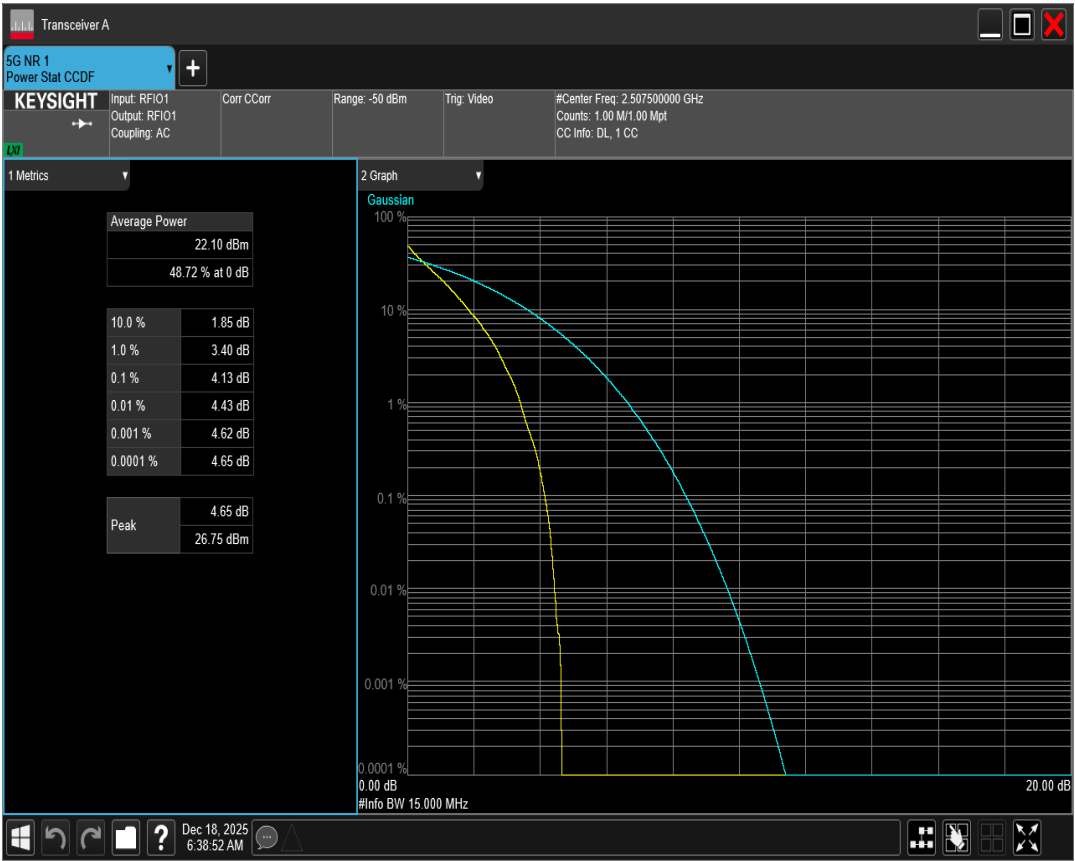
*n7 SCS=15kHz DFT\_BPSK BW=10MHz Channel=507000 RB=50@0*



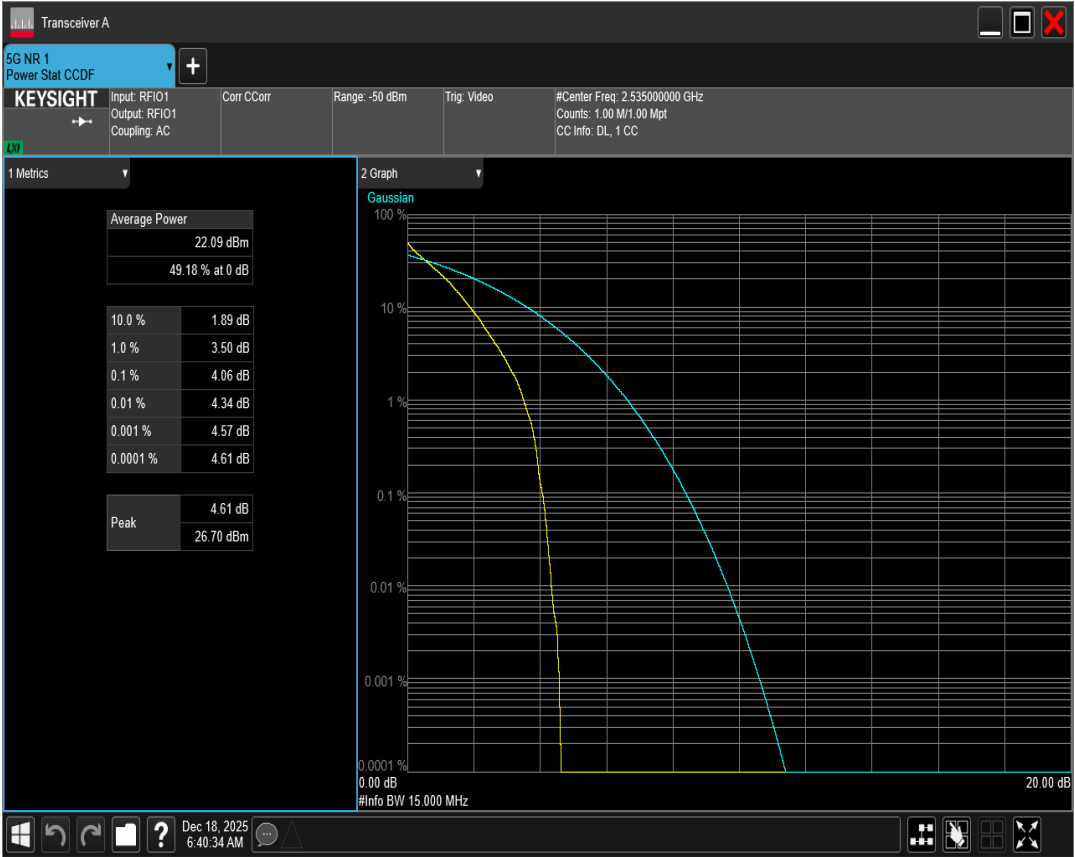
*n7 SCS=15kHz DFT\_BPSK BW=10MHz Channel=513000 RB=50@0*



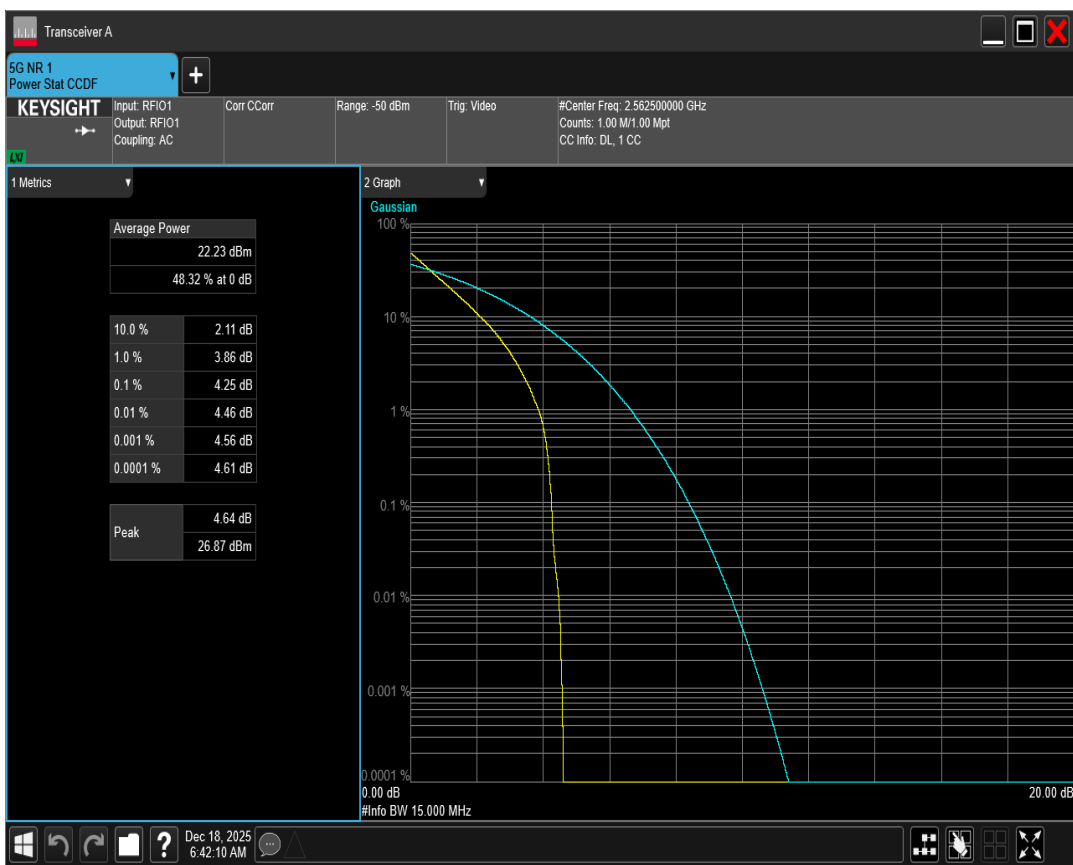
*n7 SCS=15kHz DFT\_BPSK BW=15MHz Channel=501500 RB=75@0*



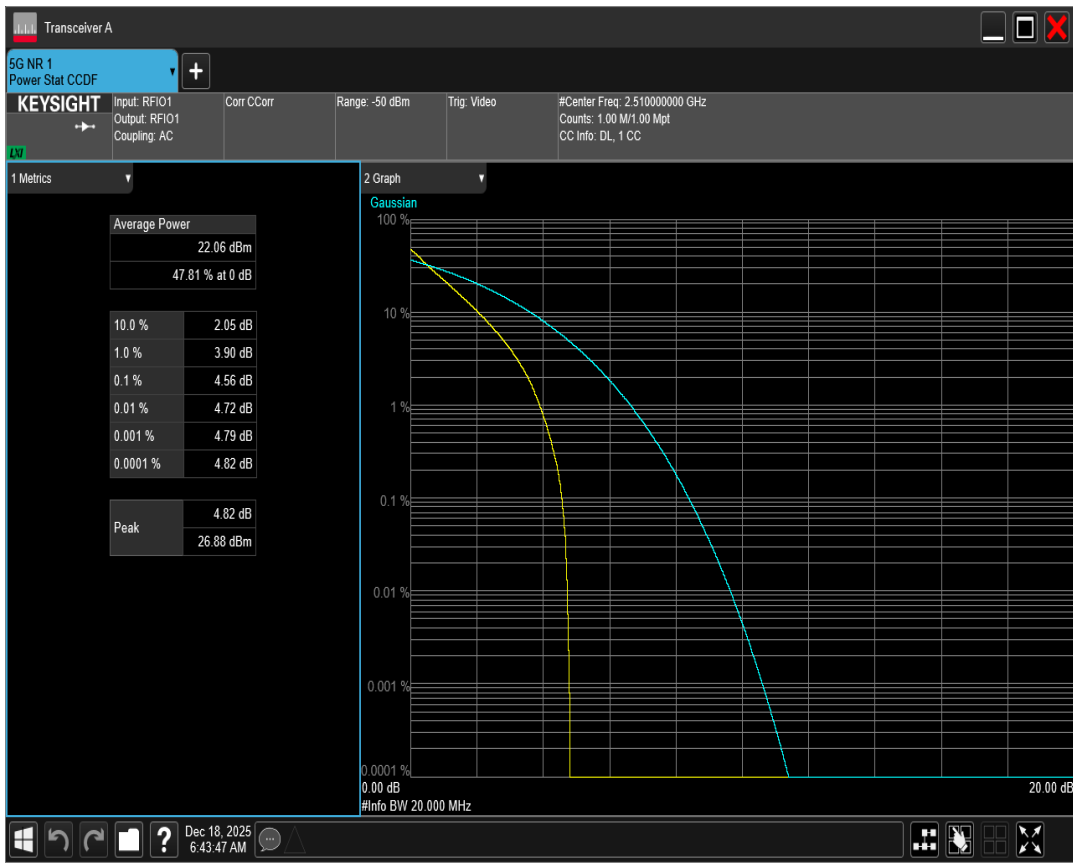
*n7 SCS=15kHz DFT\_BPSK BW=15MHz Channel=507000 RB=75@0*



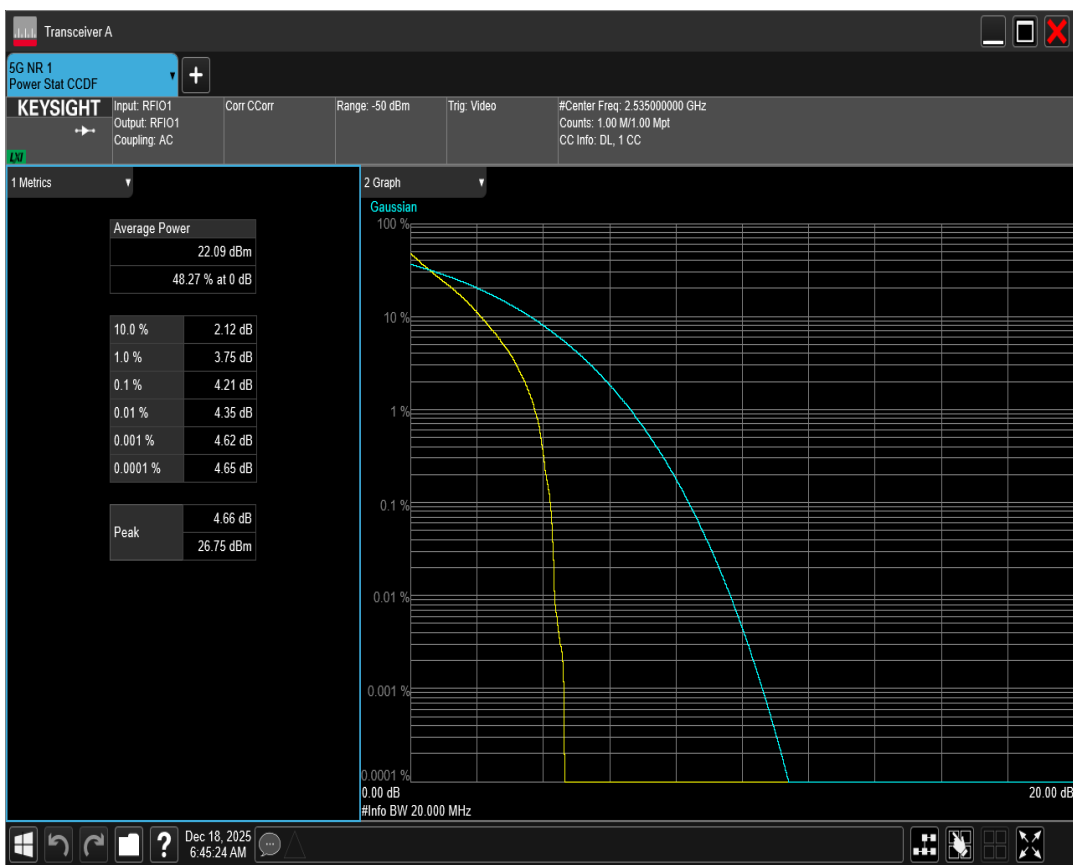
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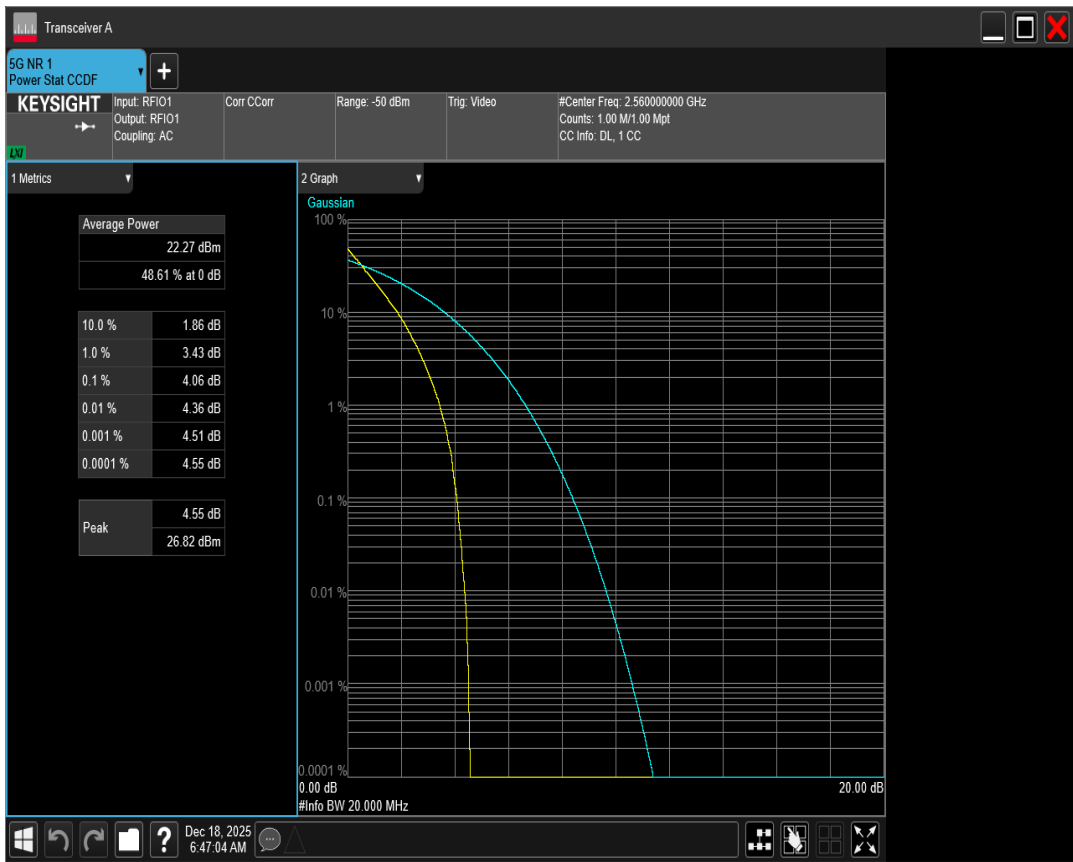
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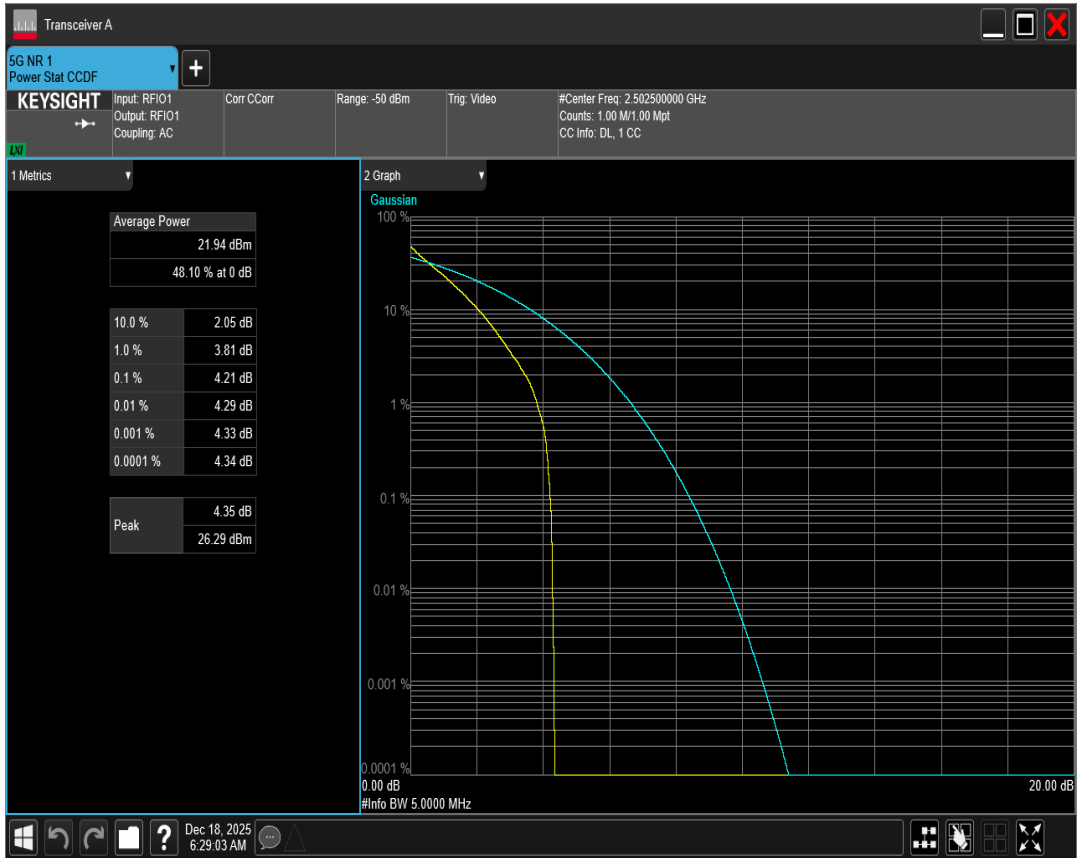
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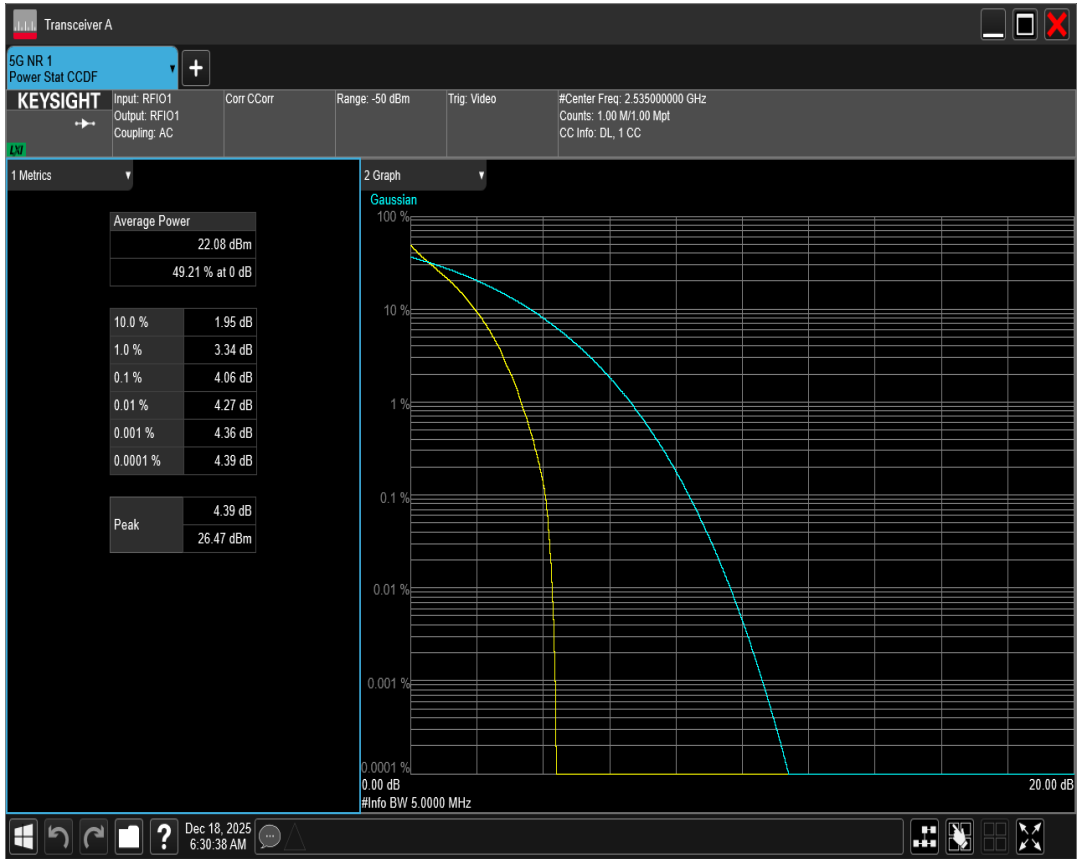
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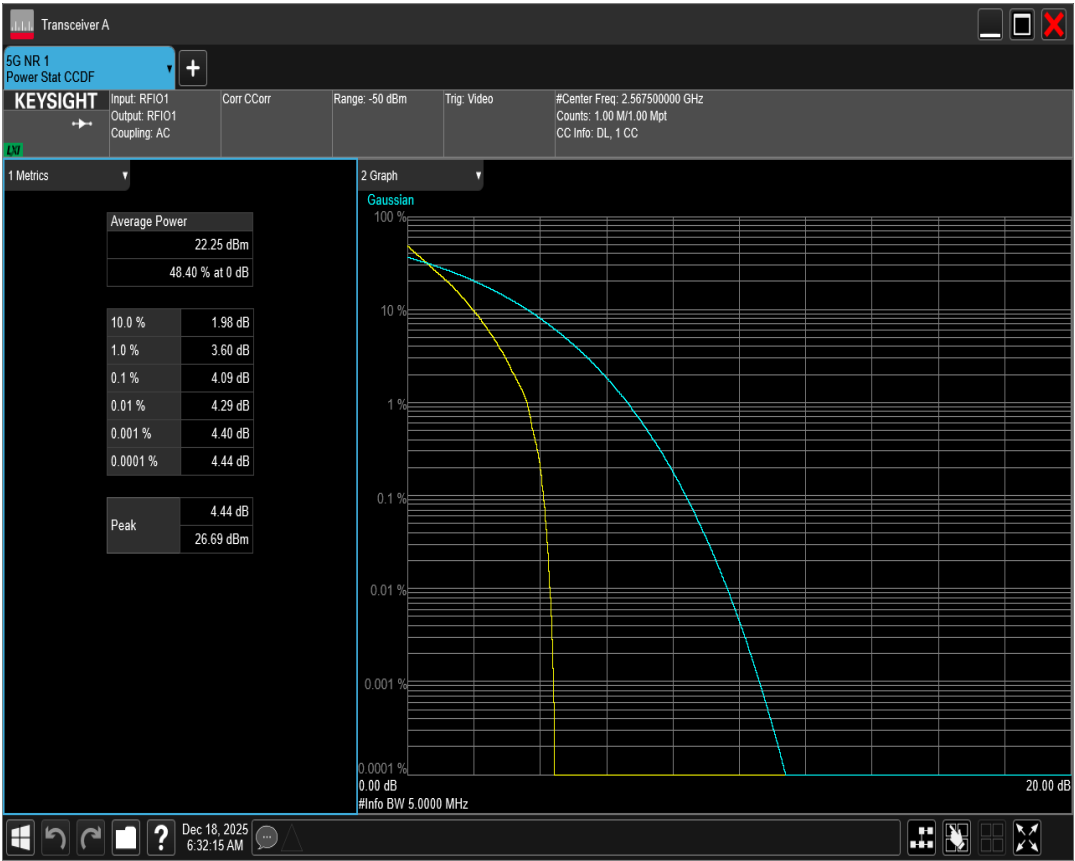
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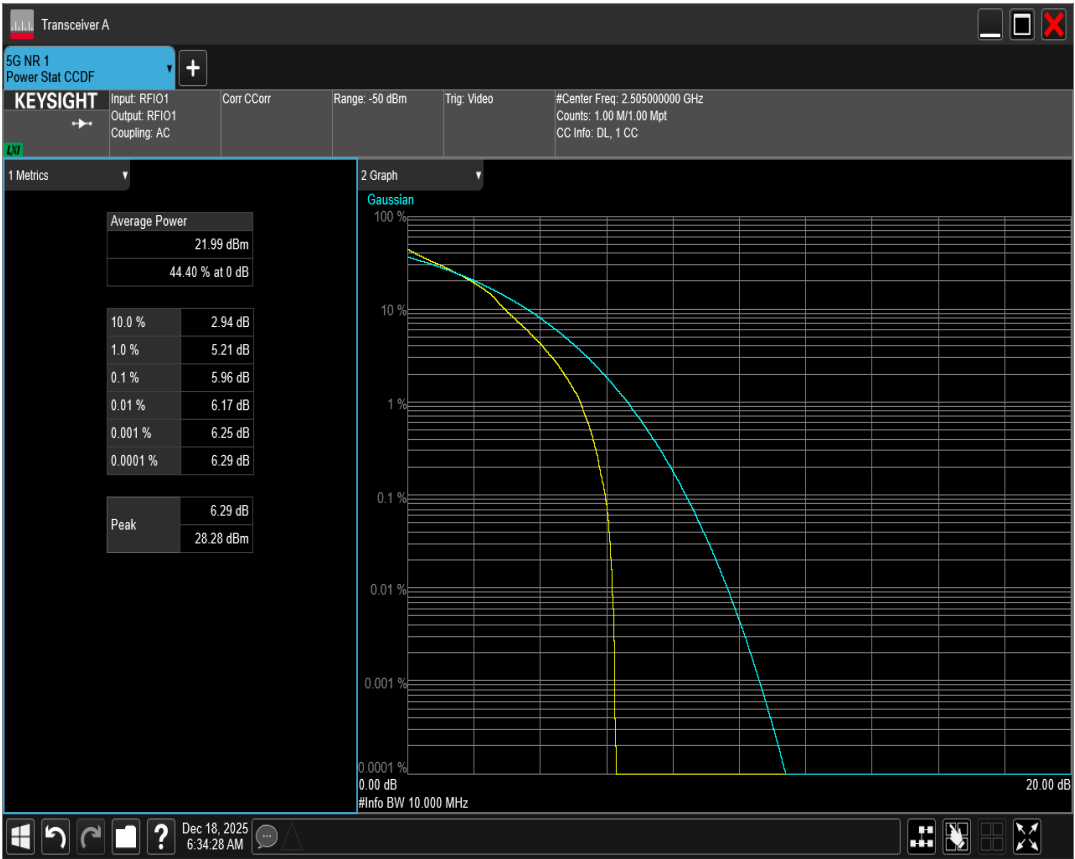
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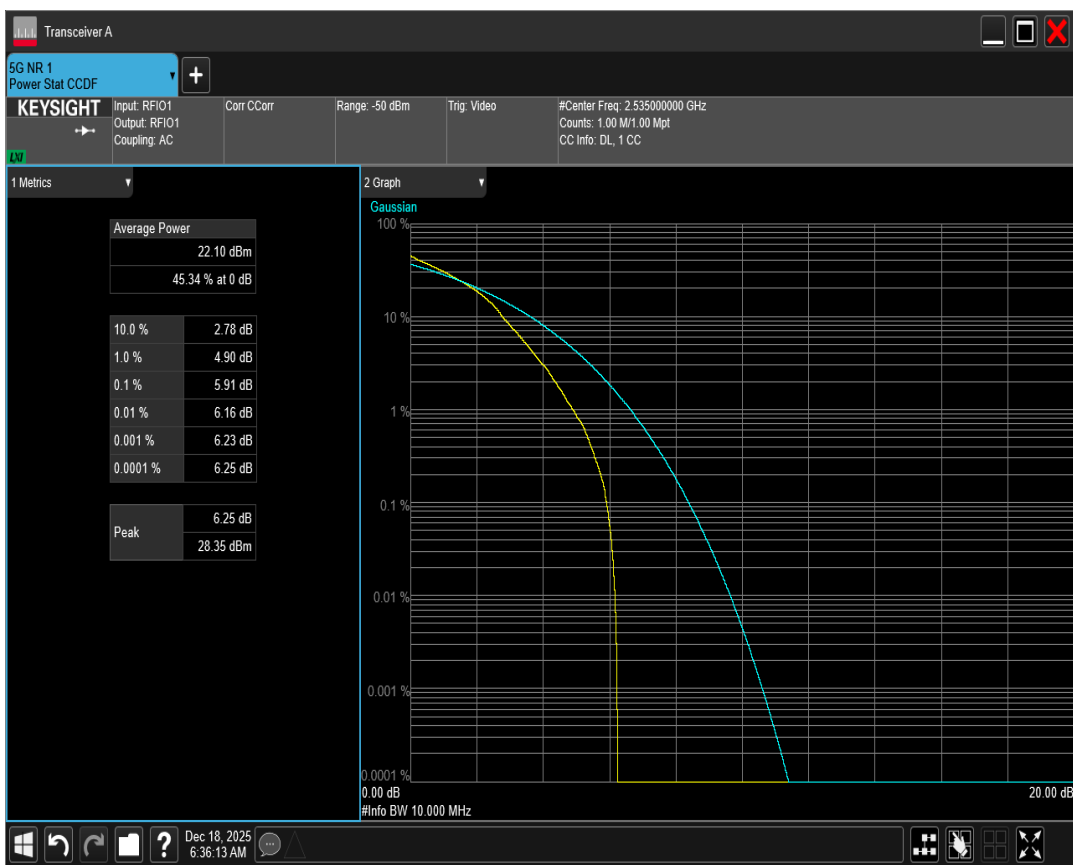
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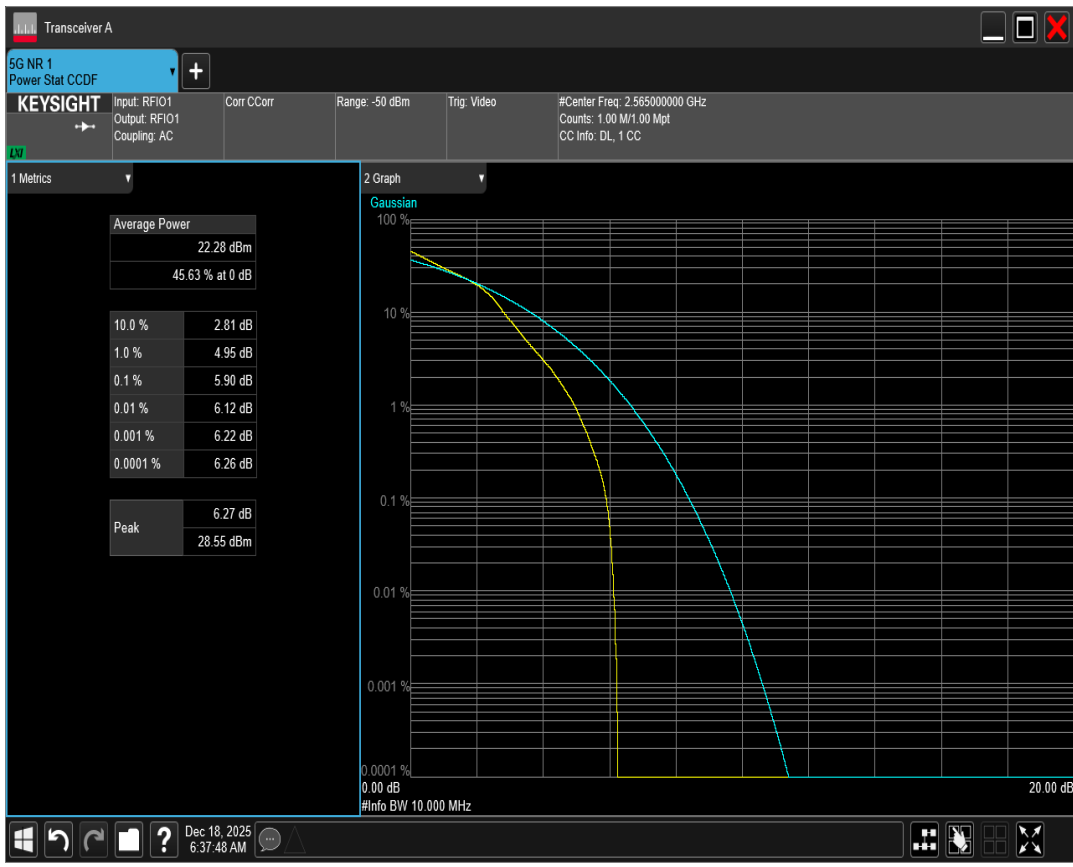
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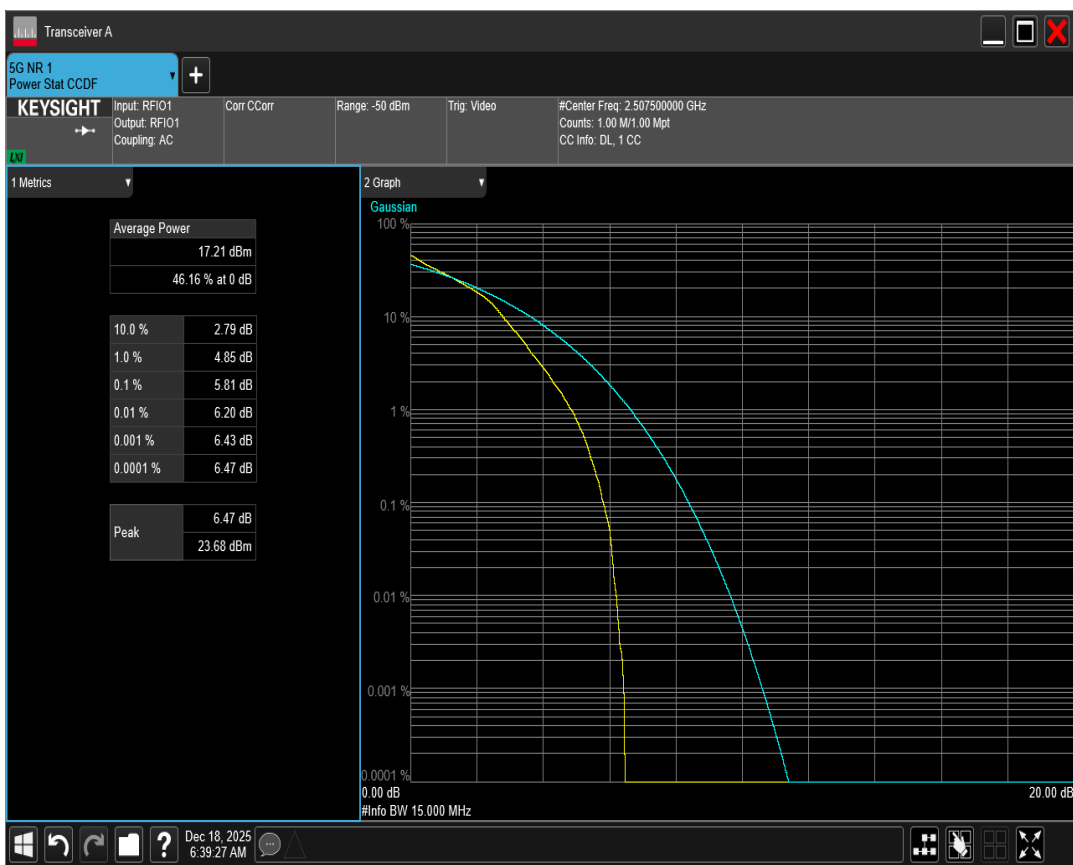
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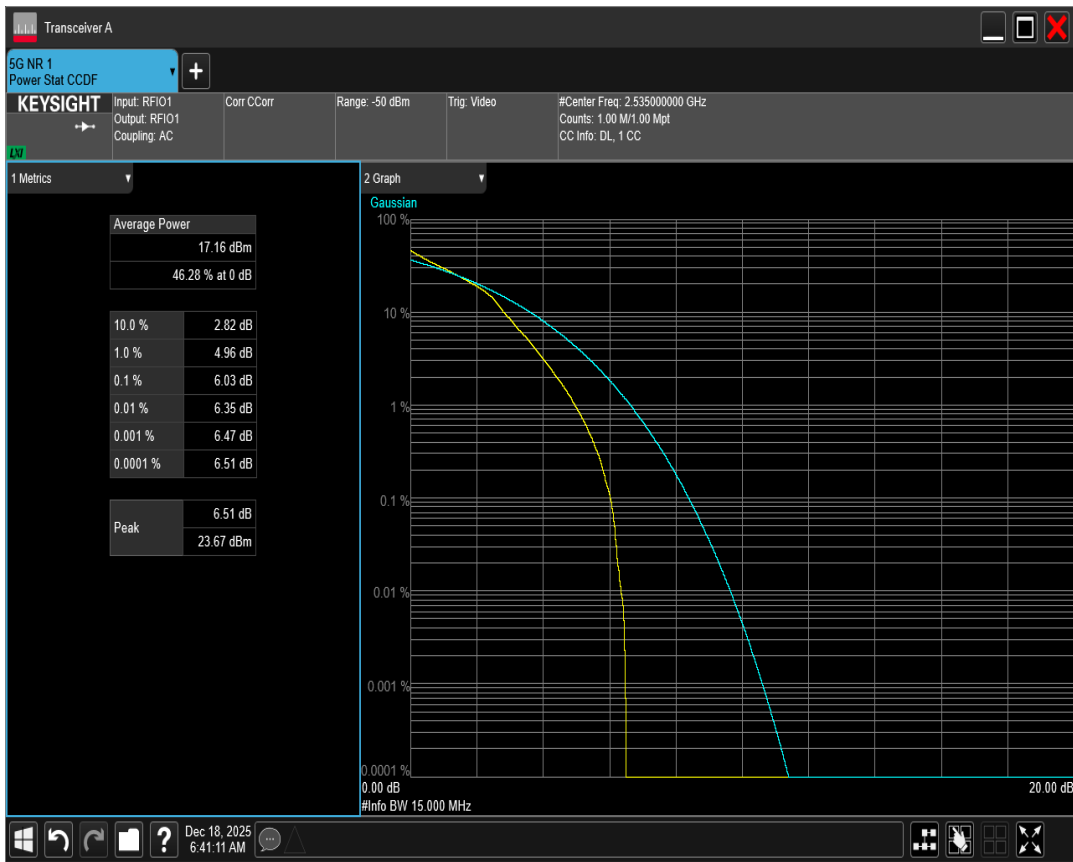
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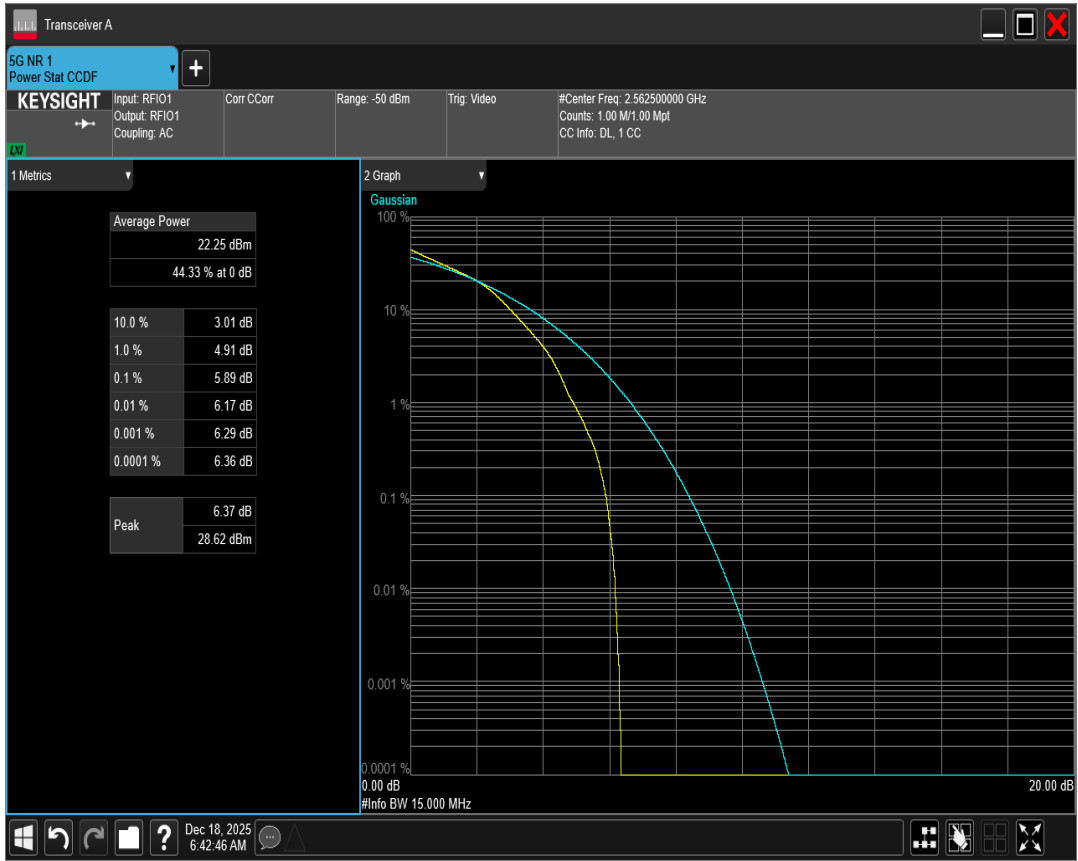
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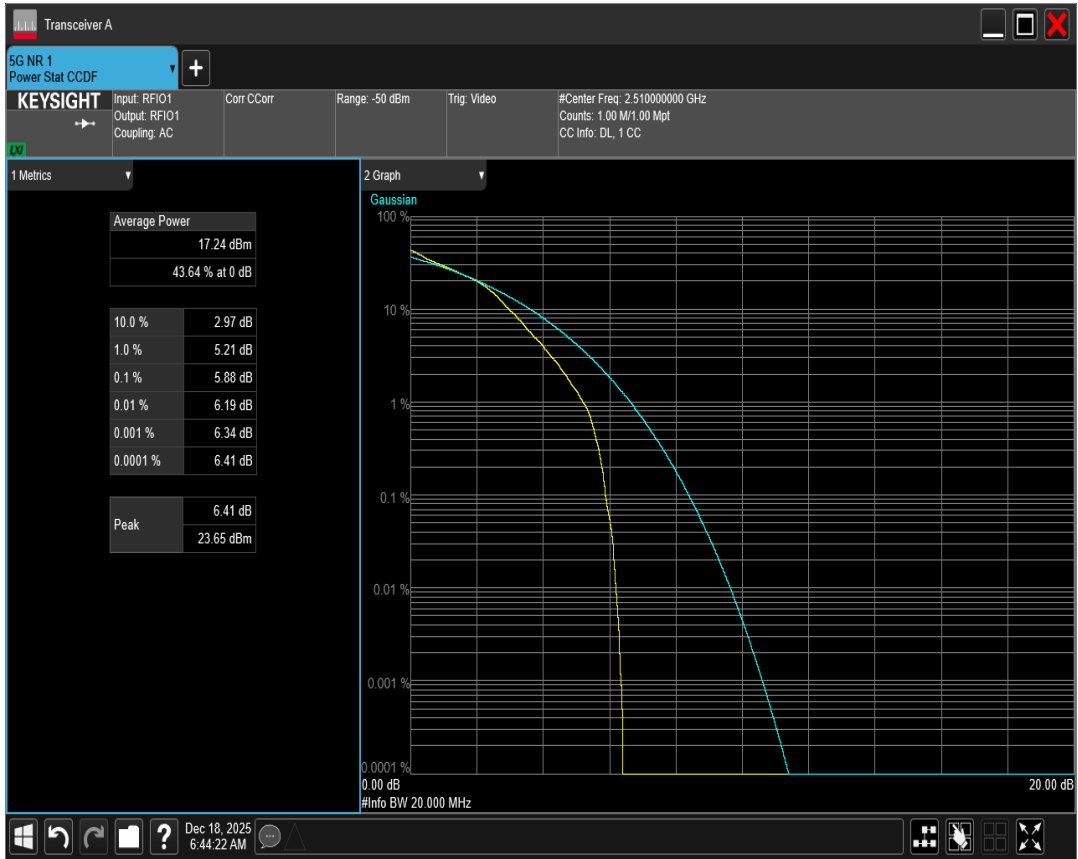
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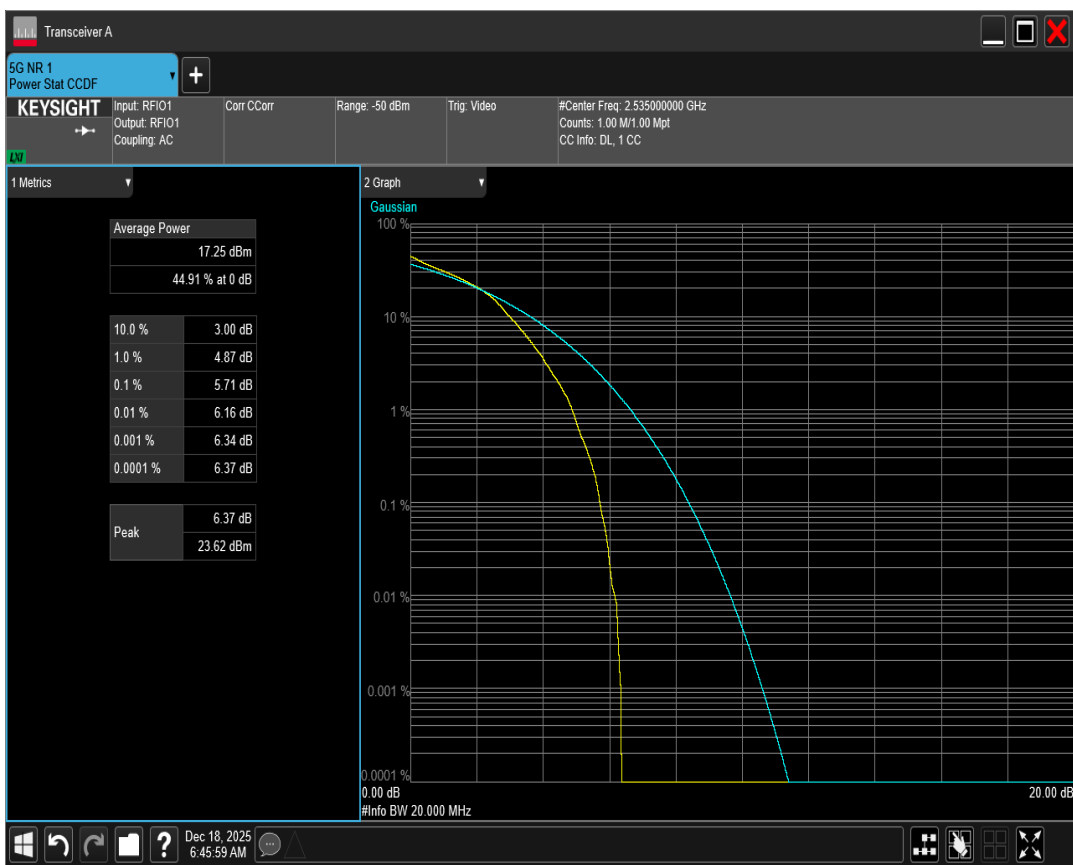
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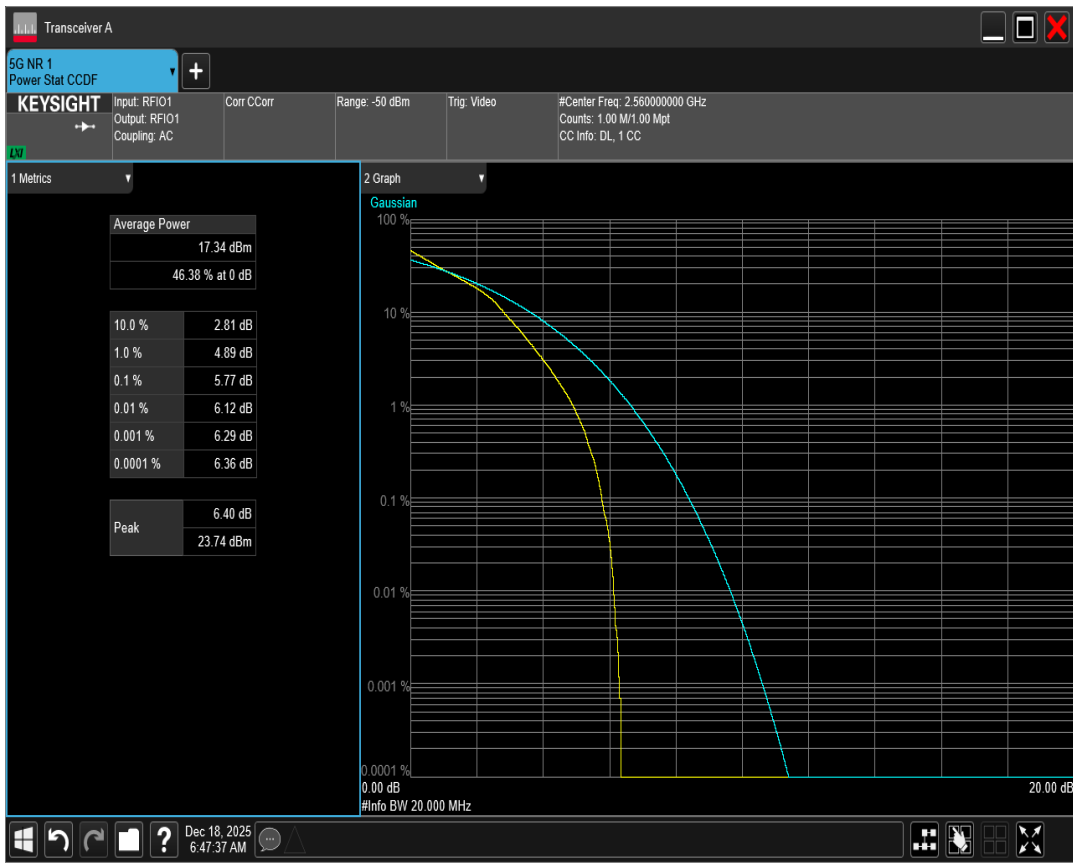
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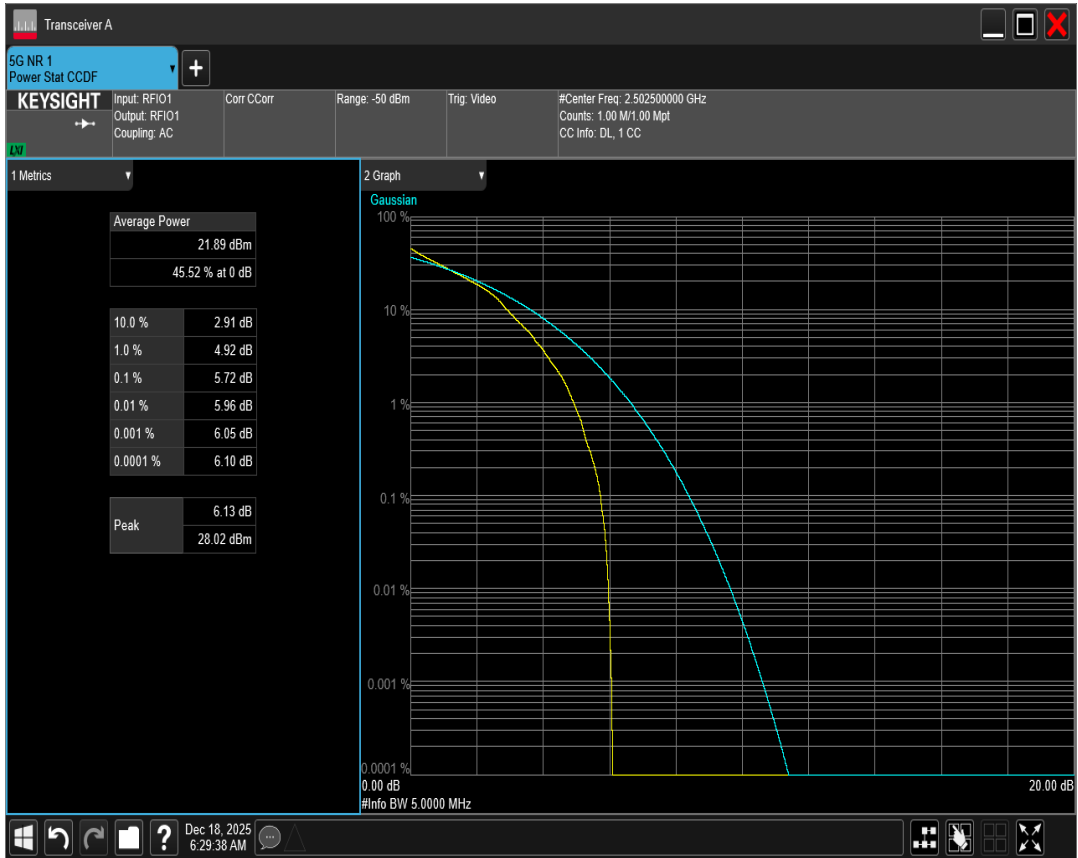
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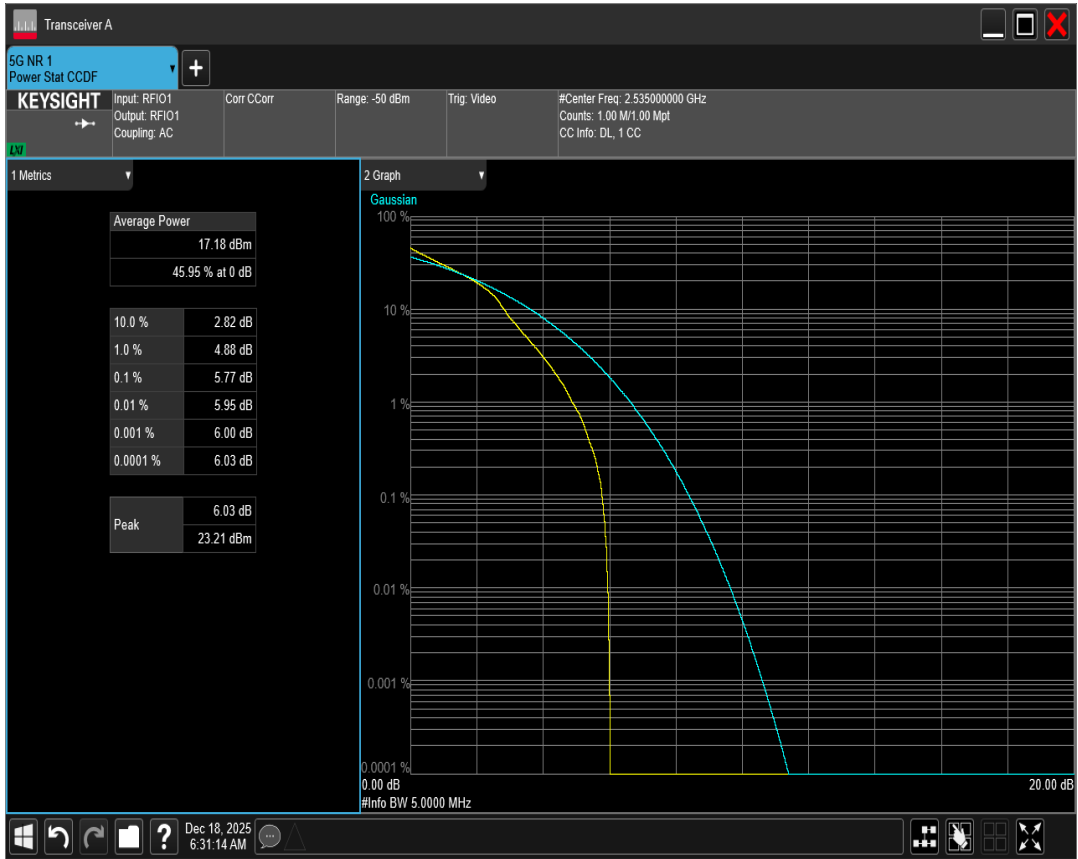
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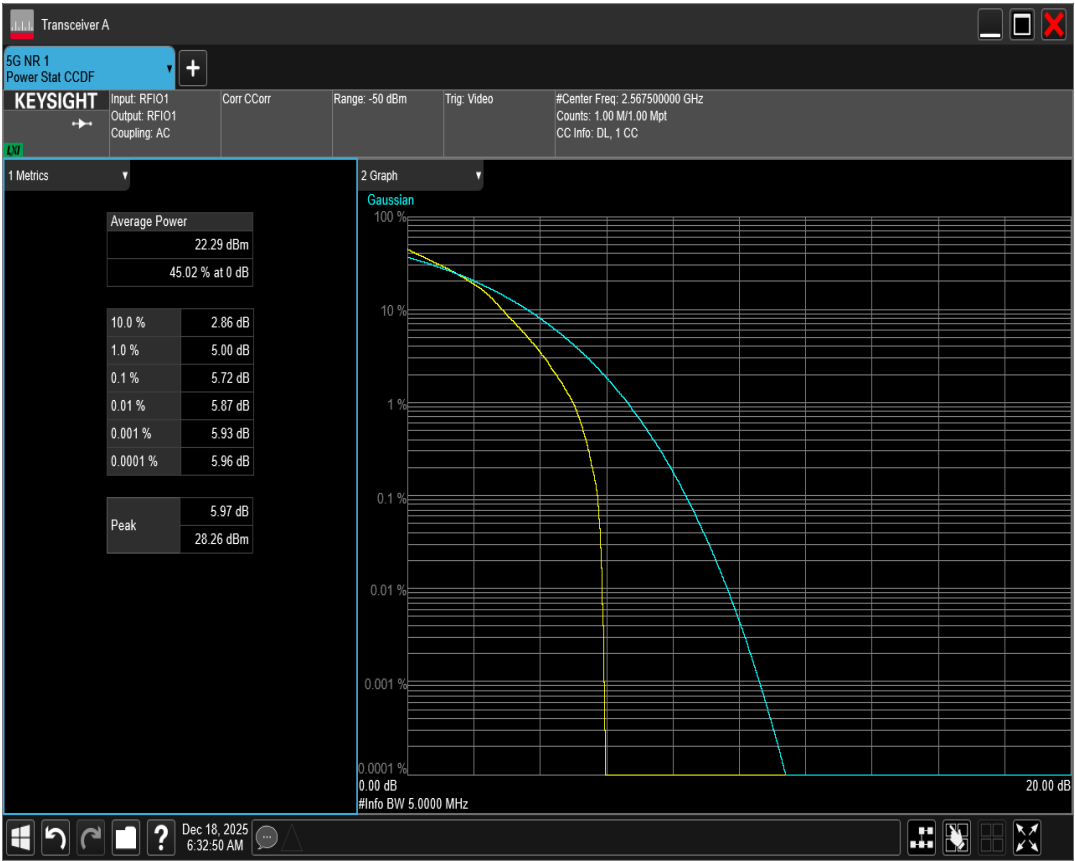
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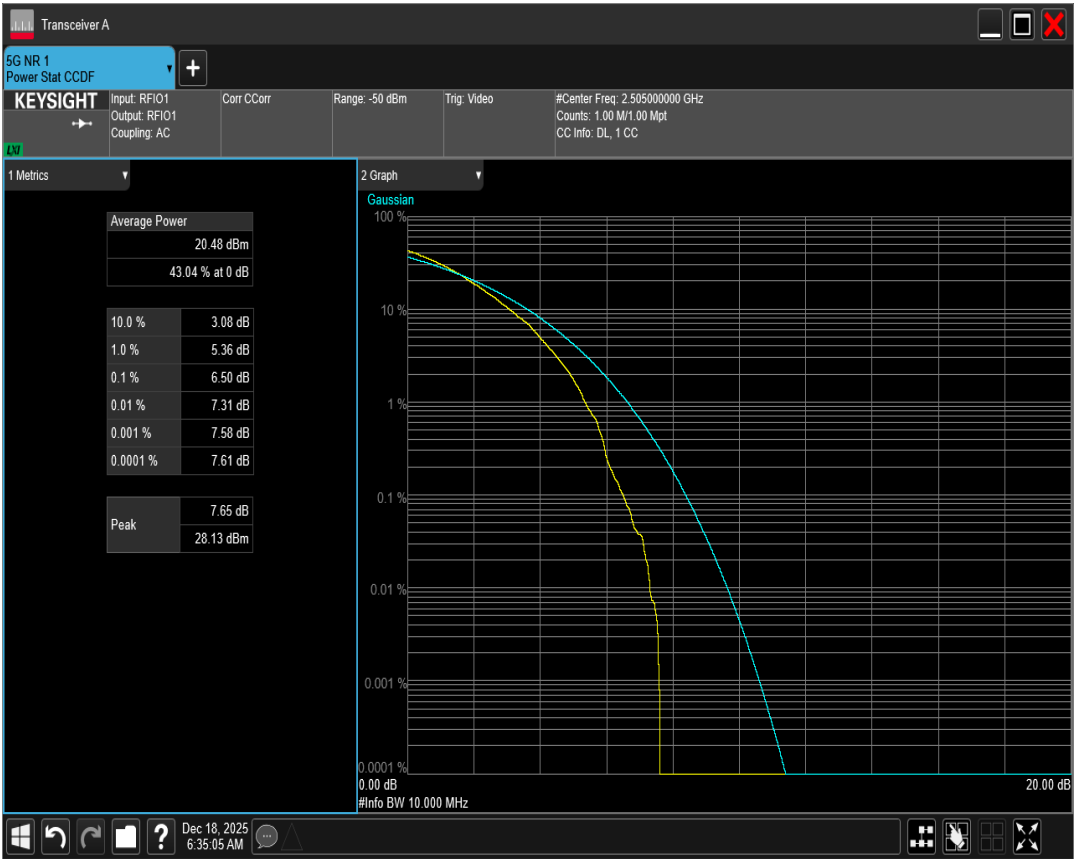
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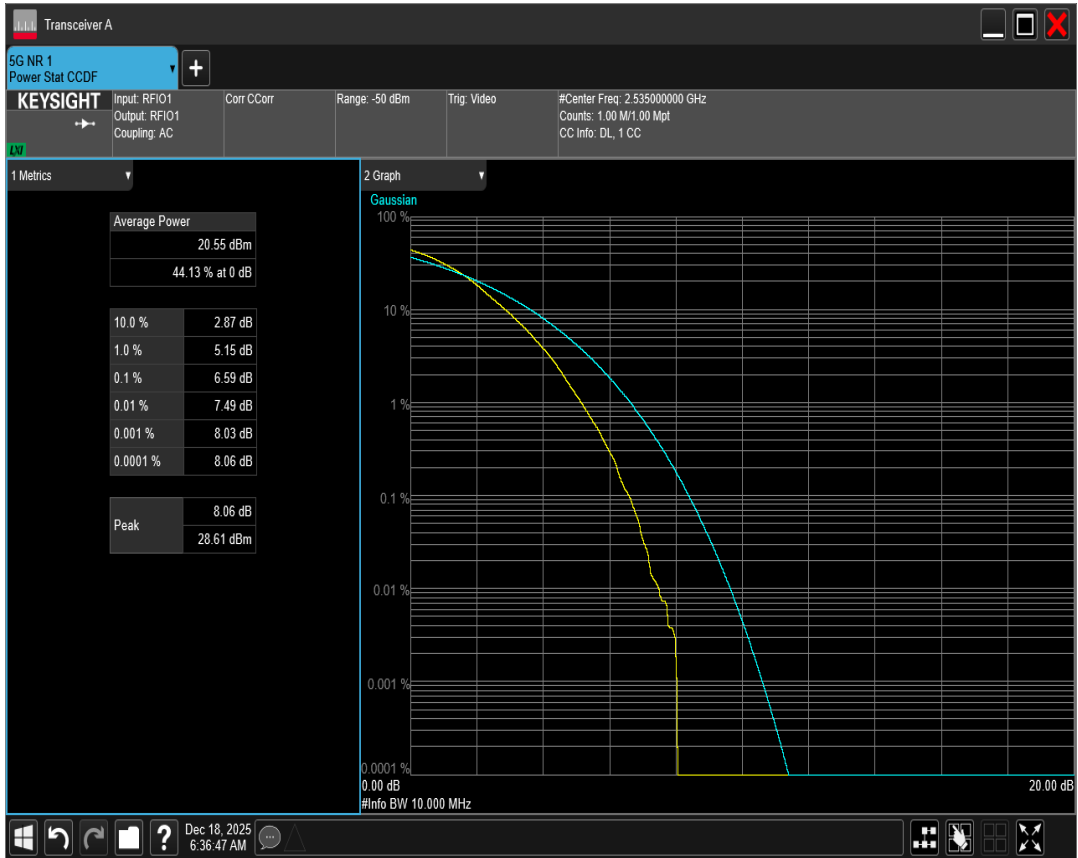
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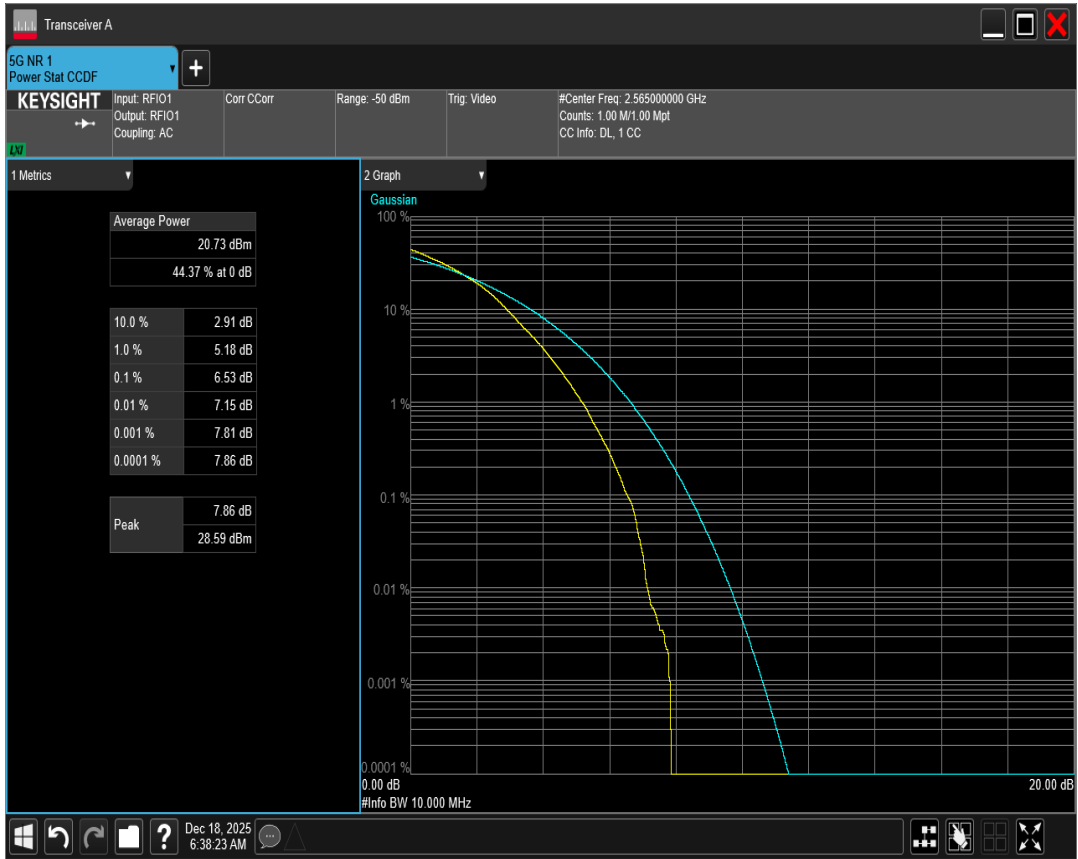
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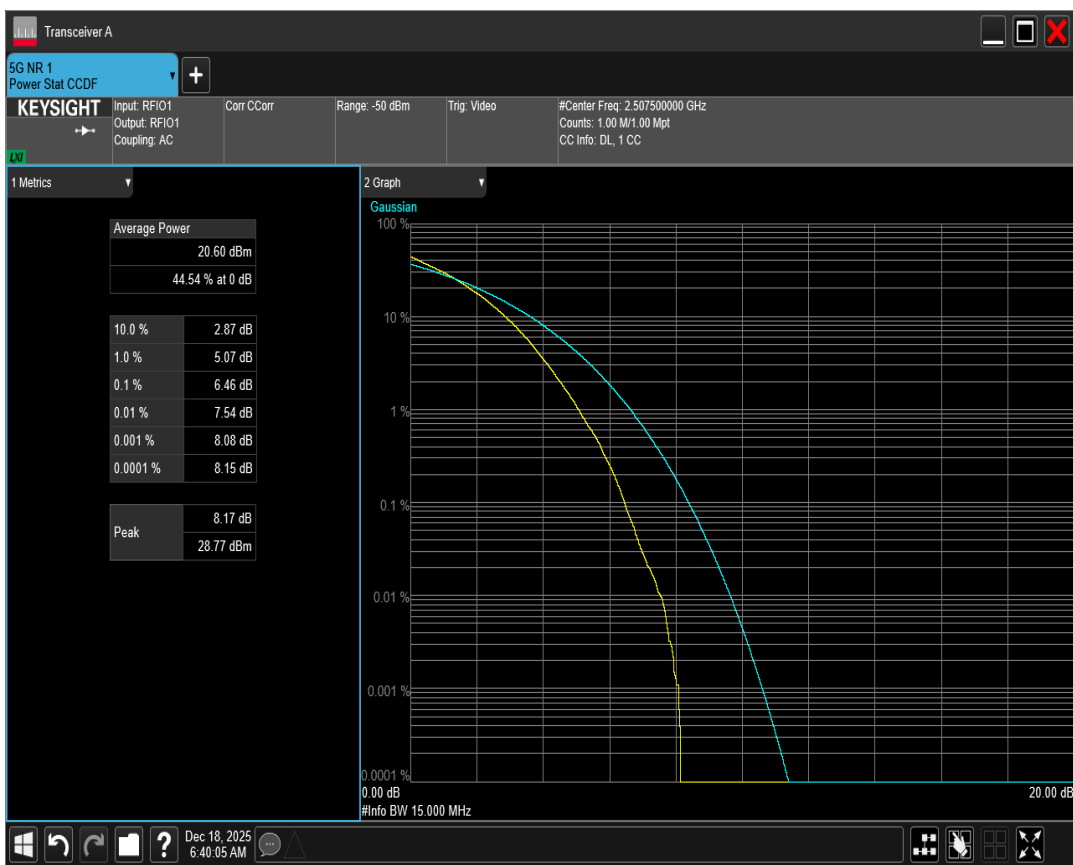
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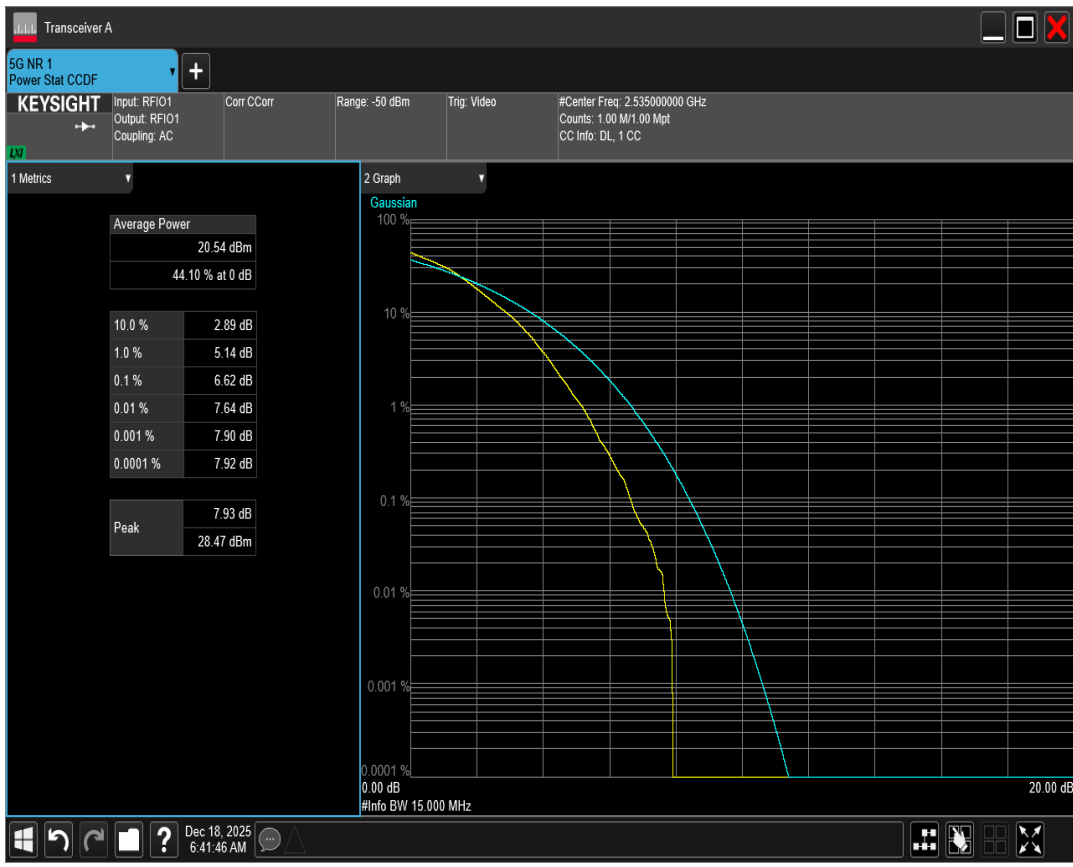
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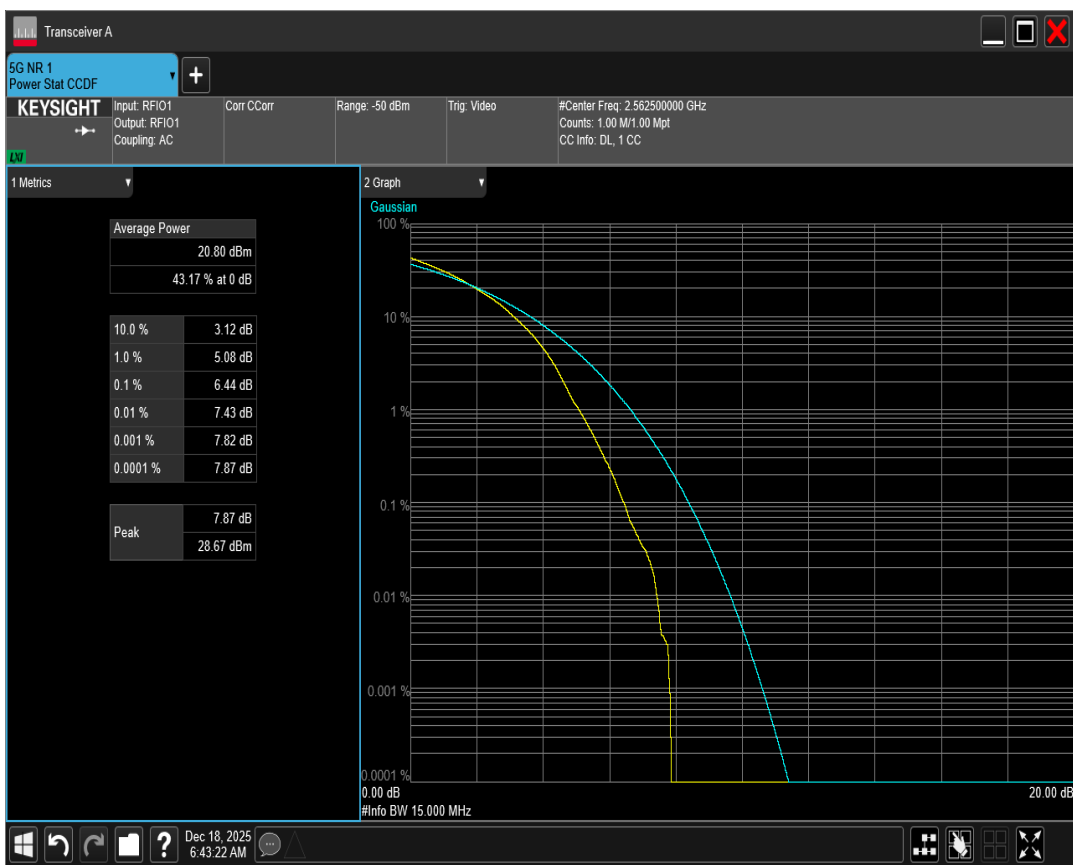
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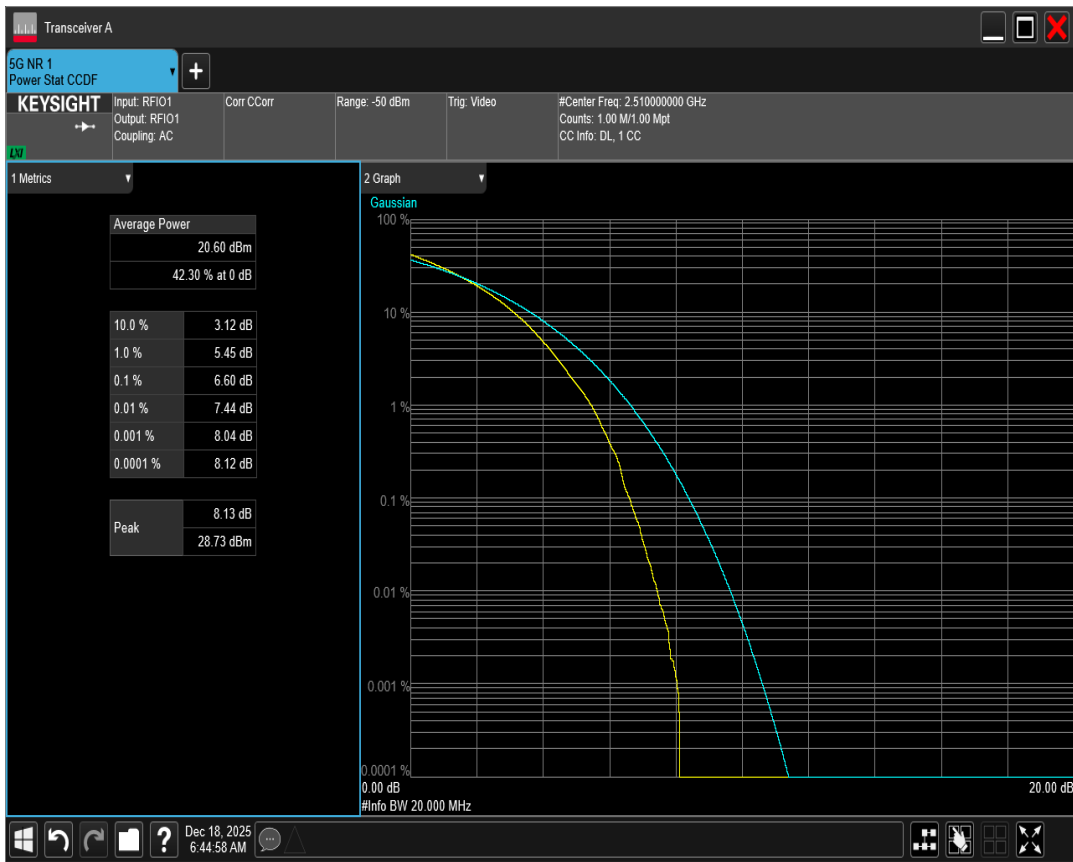
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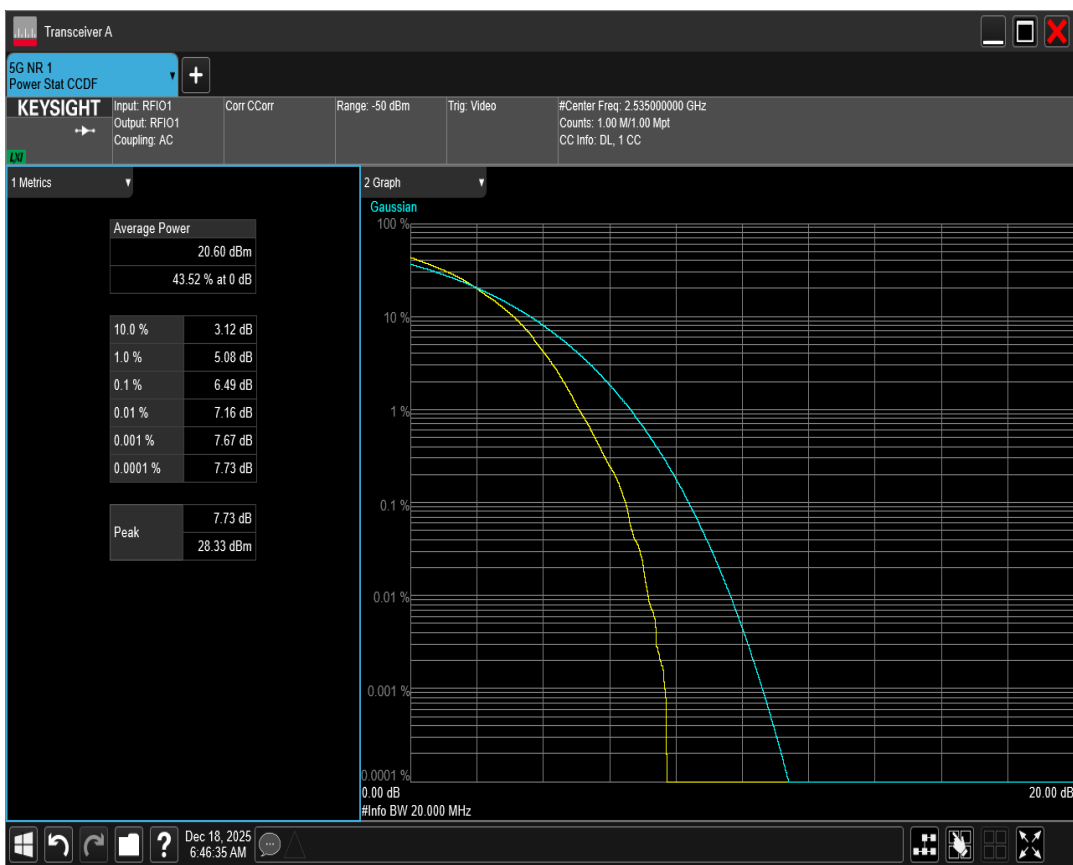
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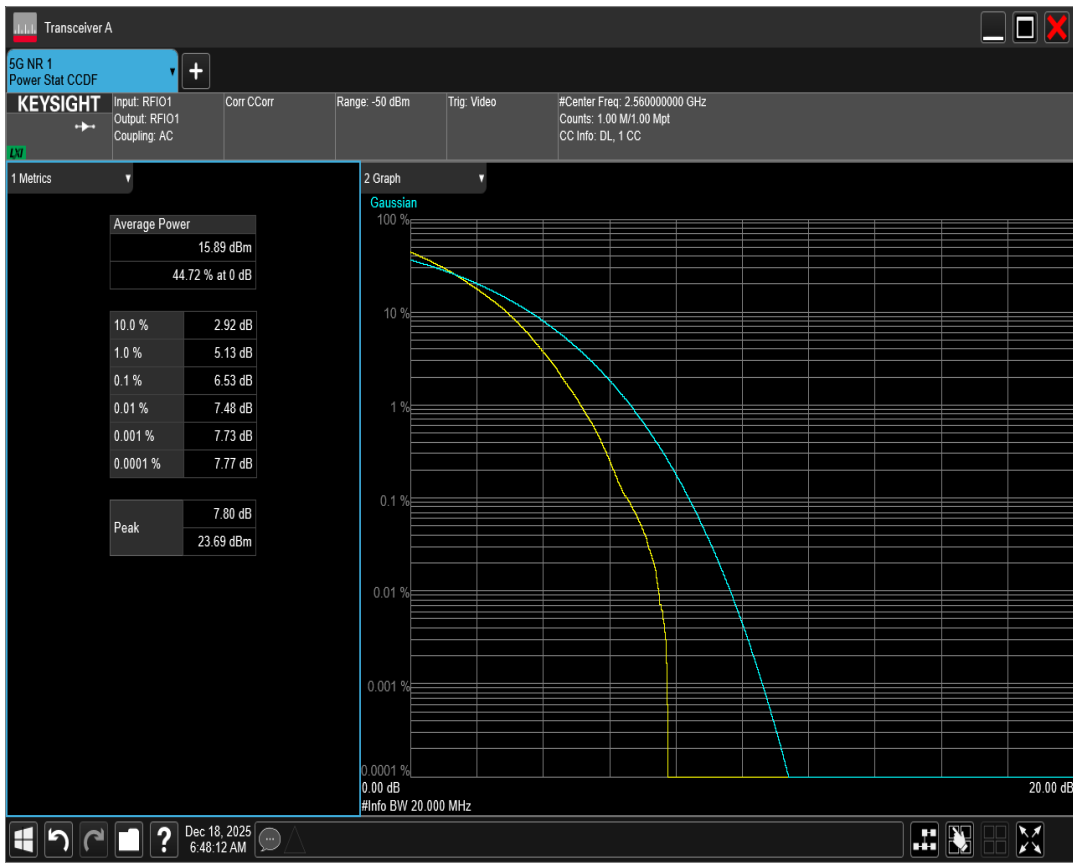
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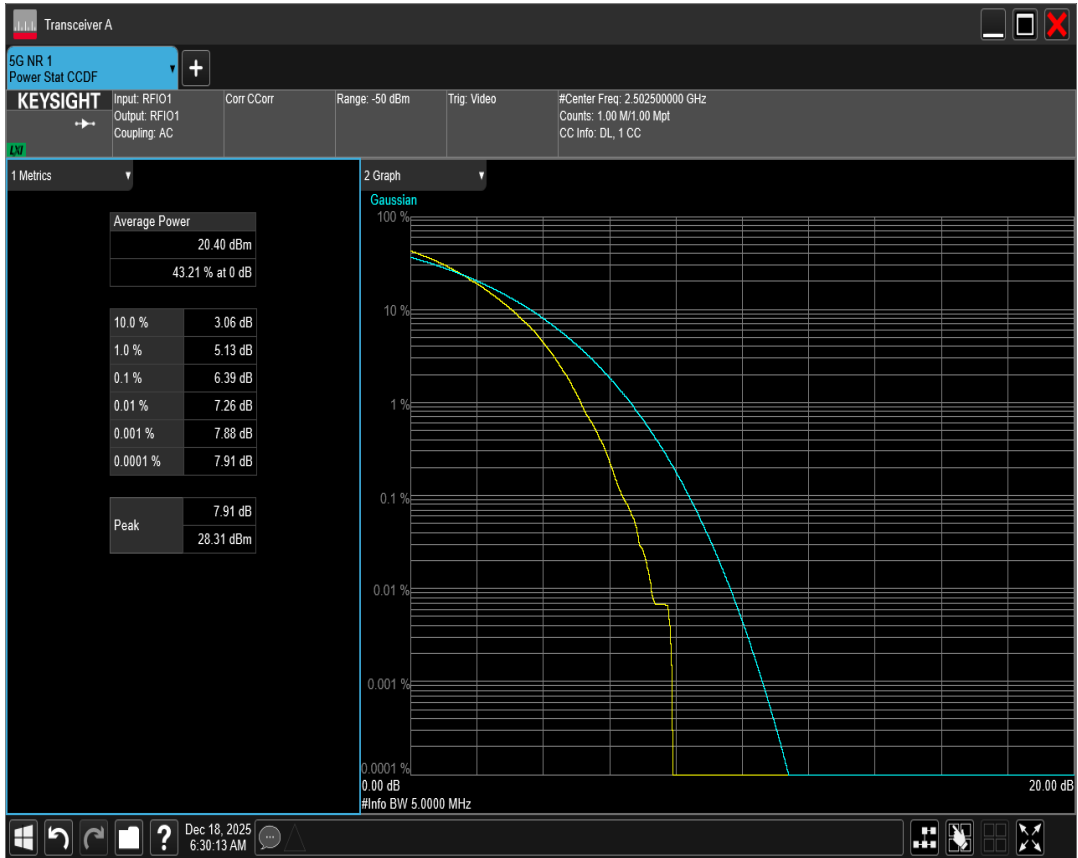
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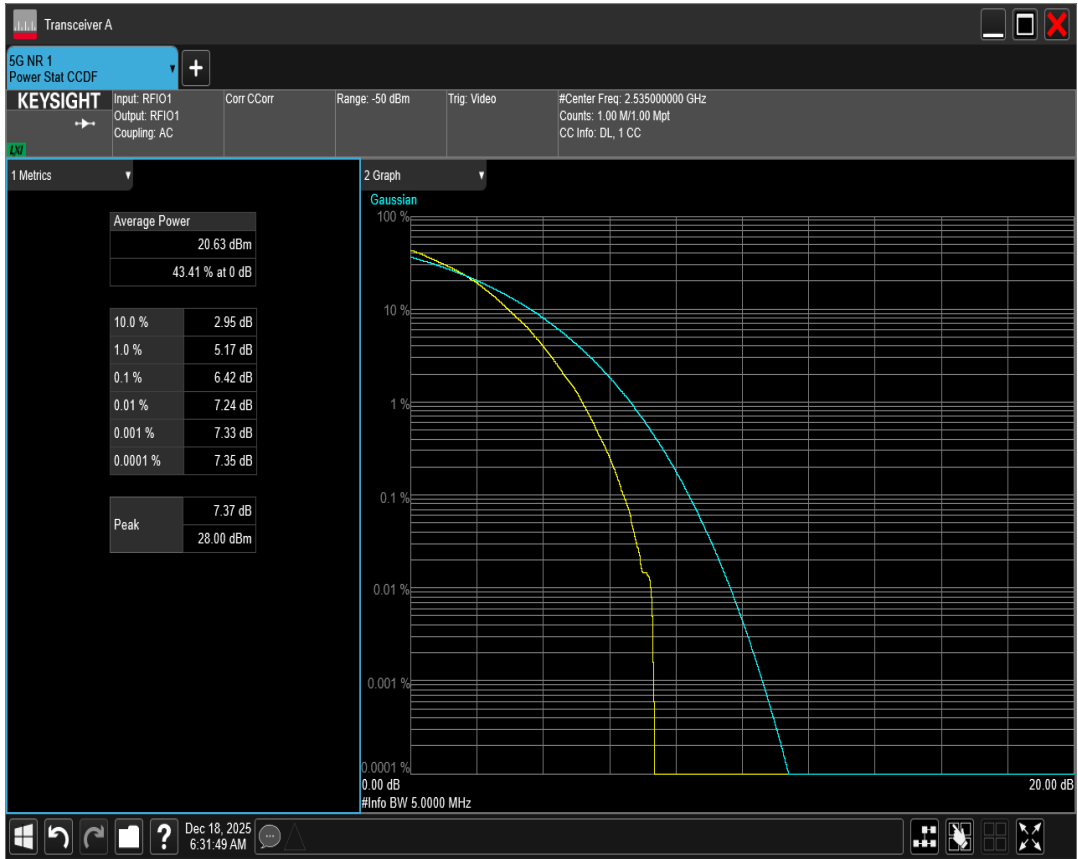
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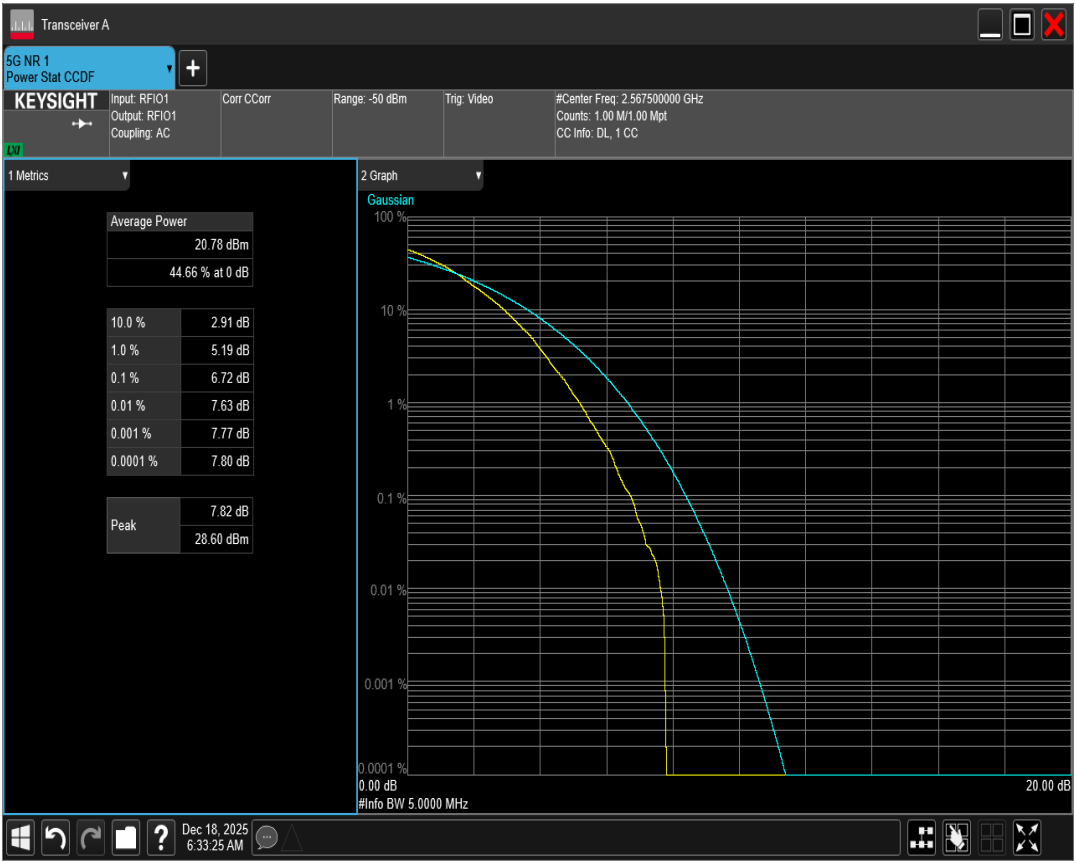
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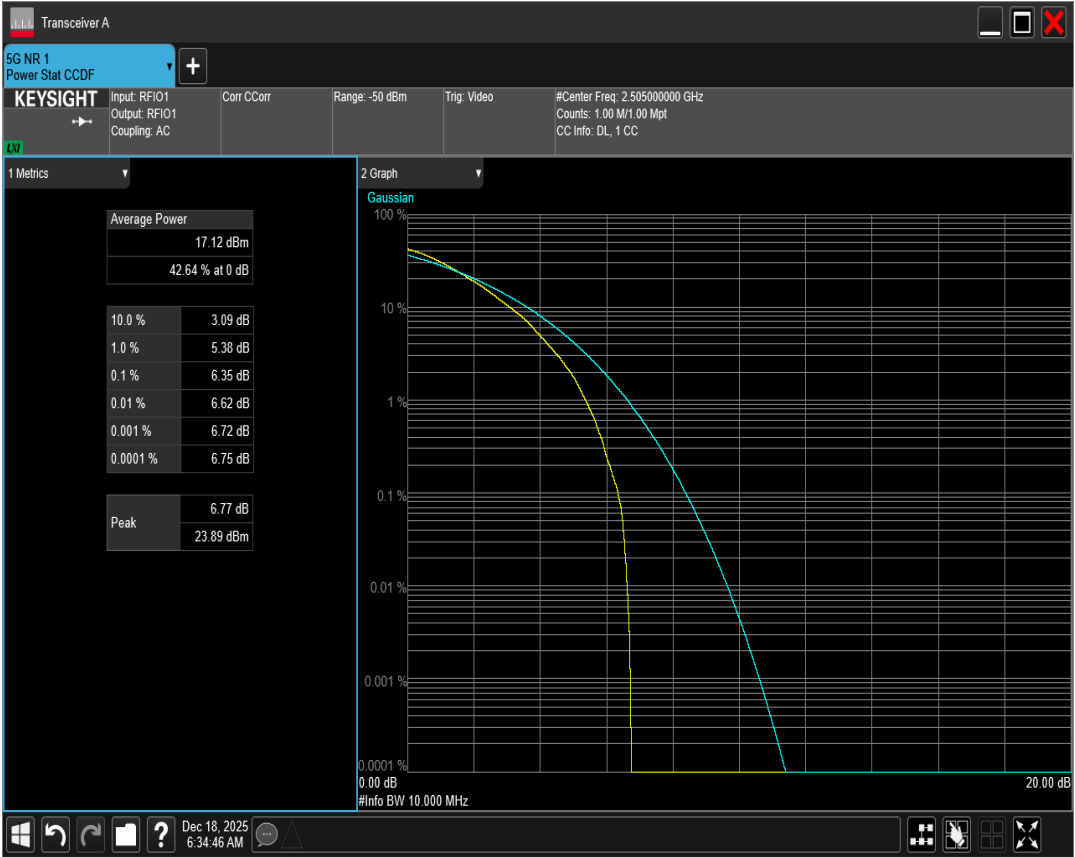
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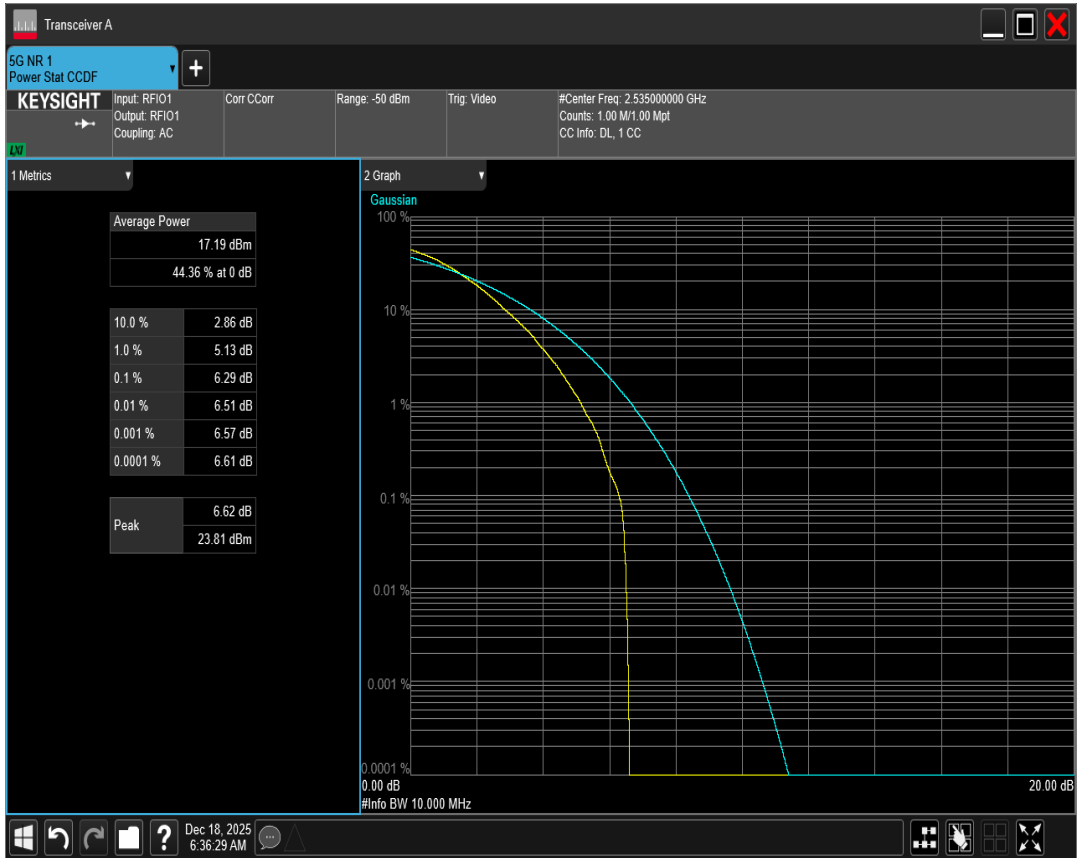
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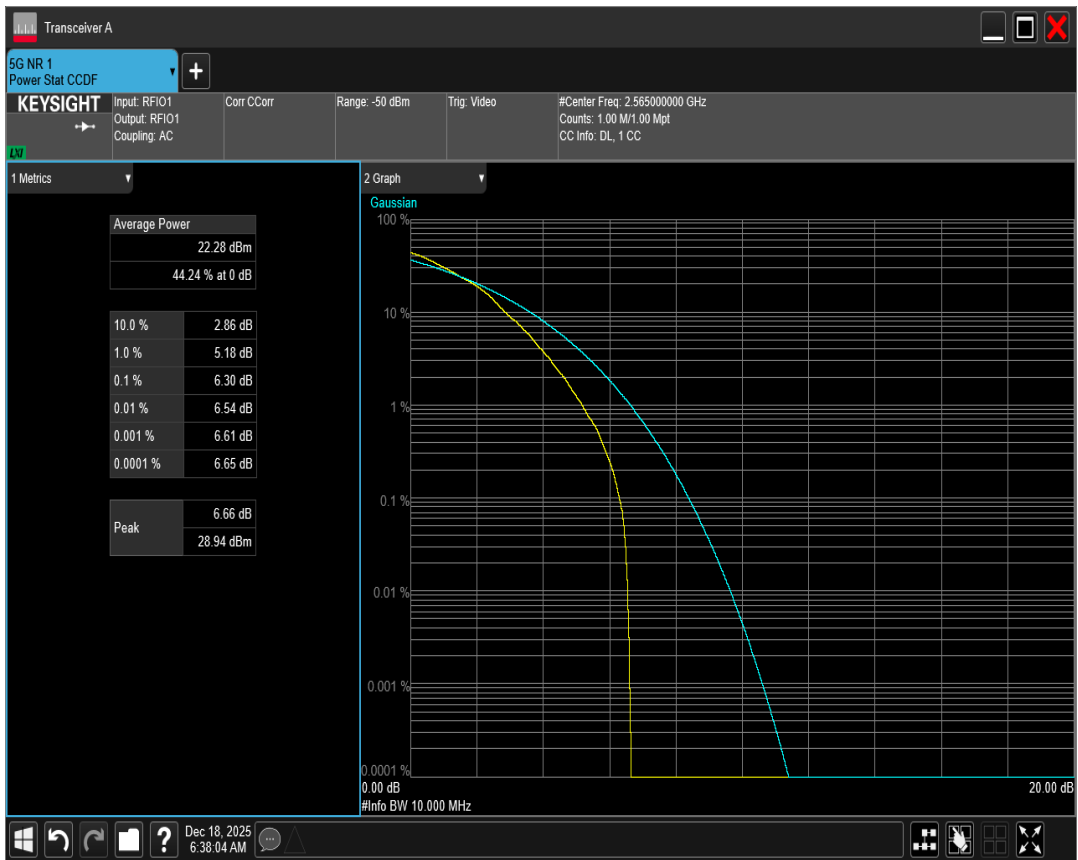
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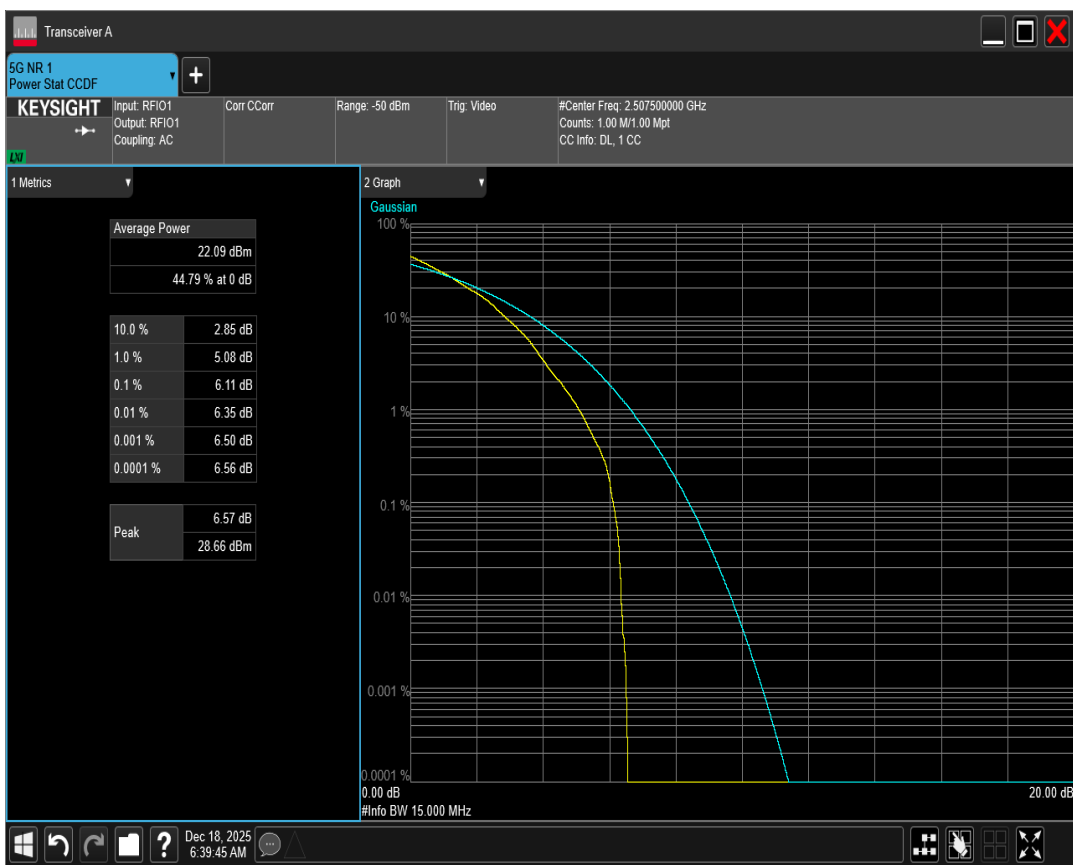
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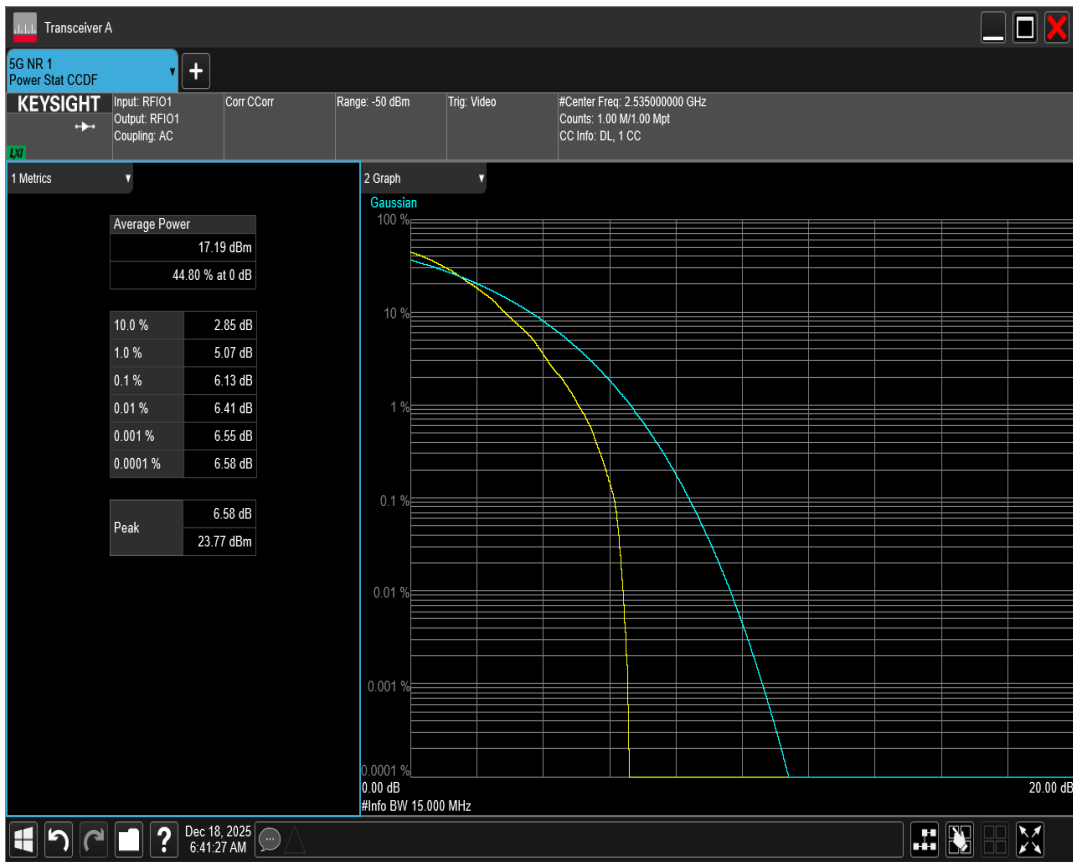
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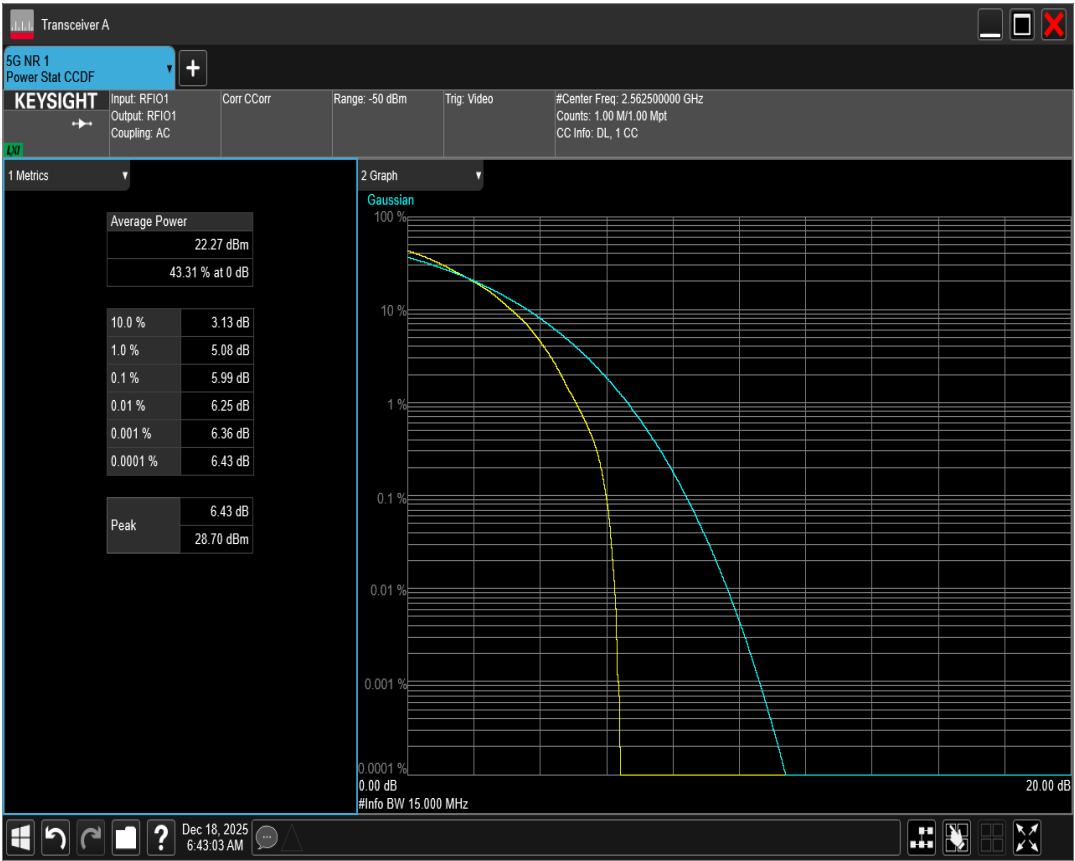
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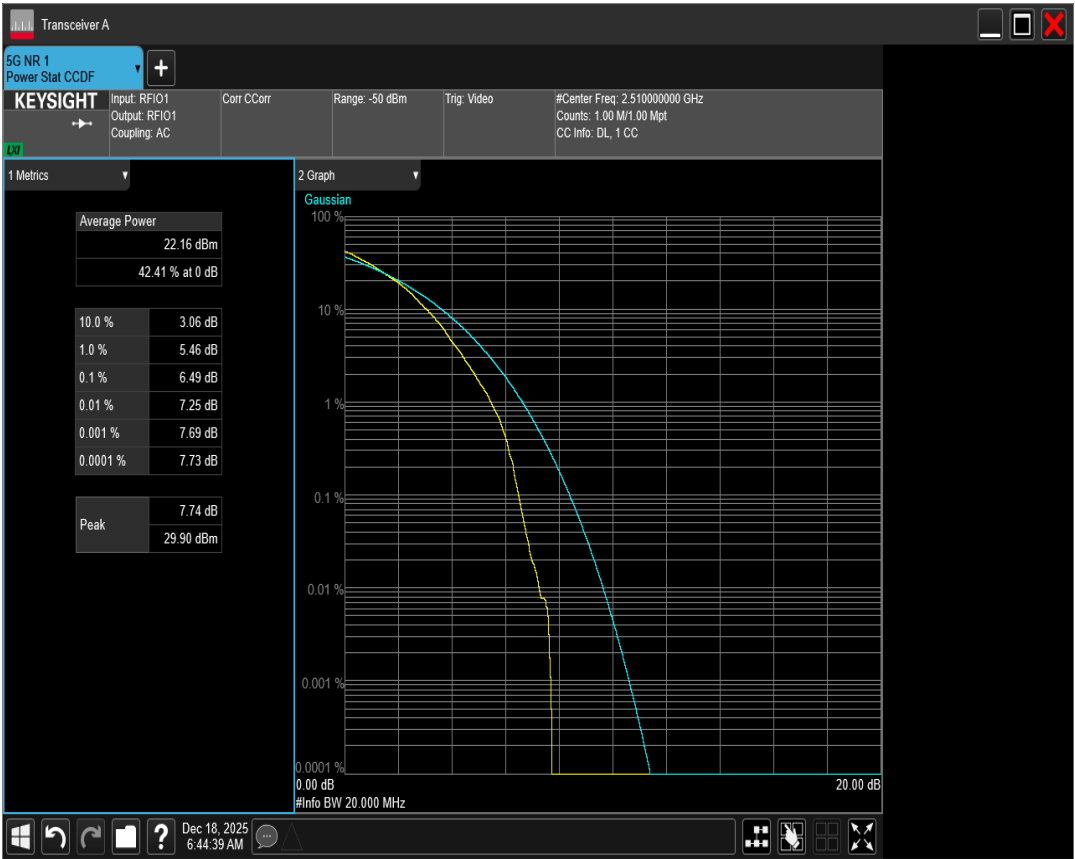
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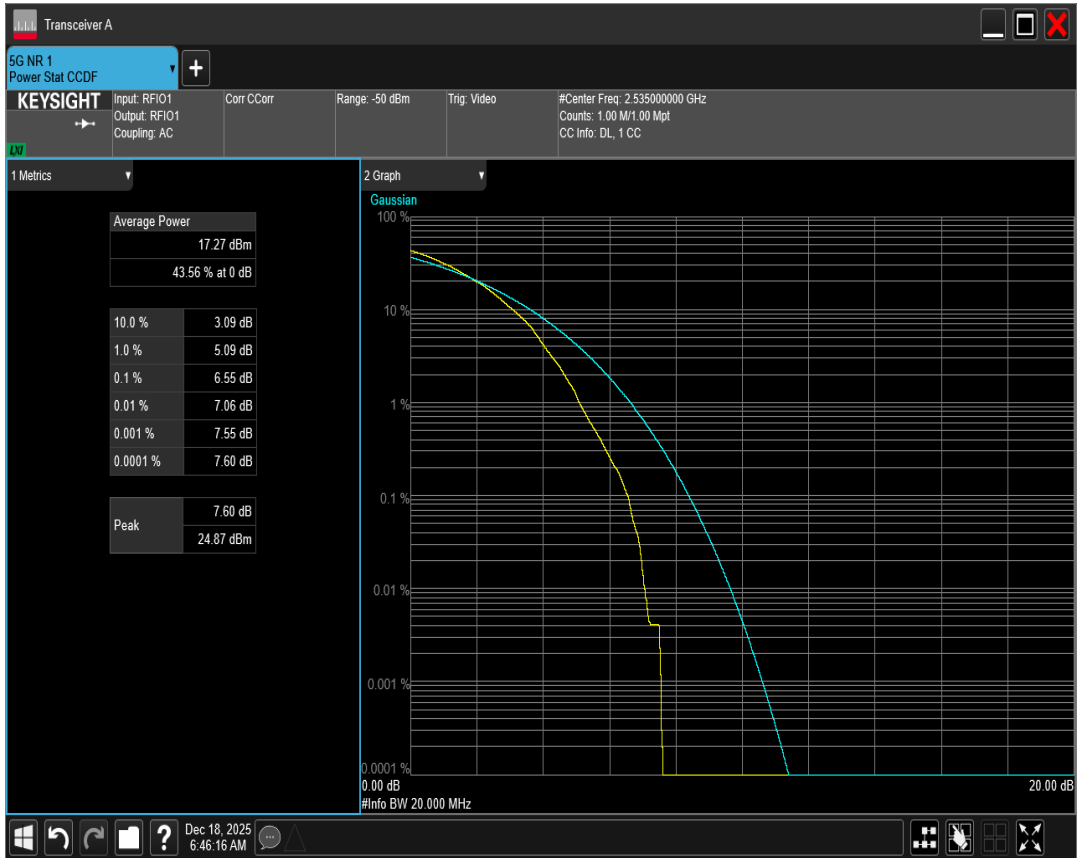
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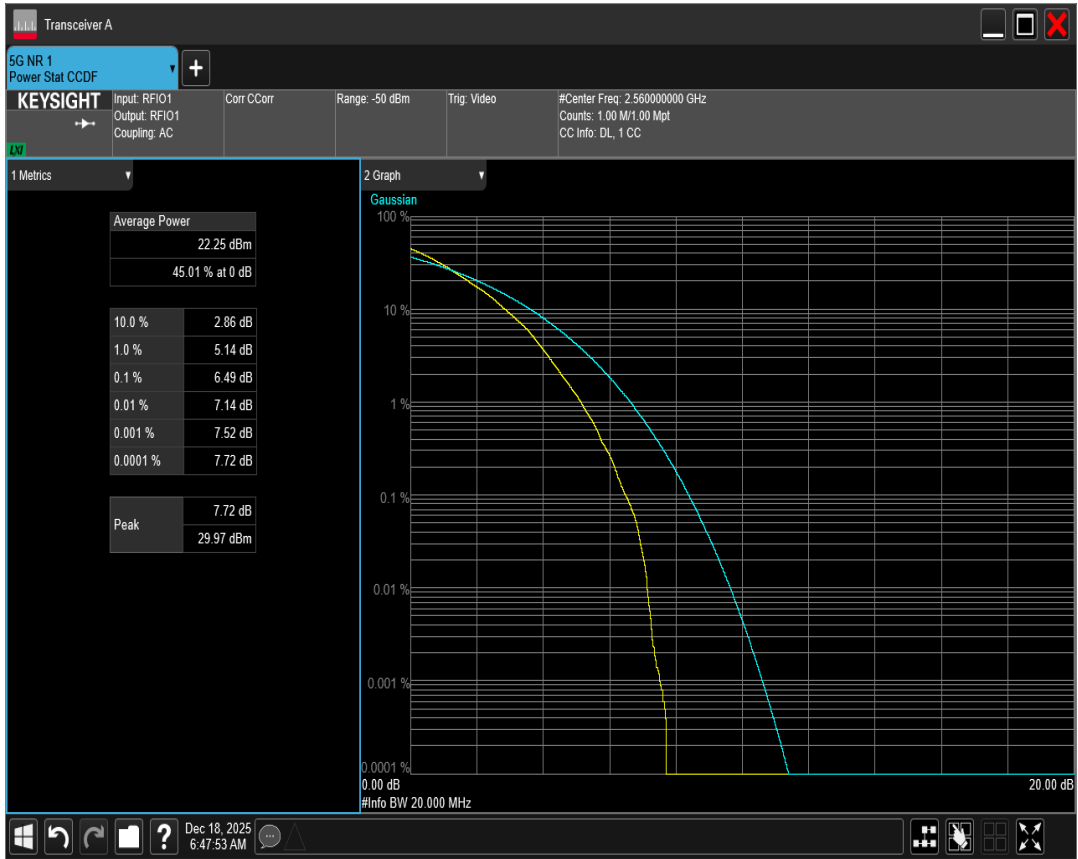
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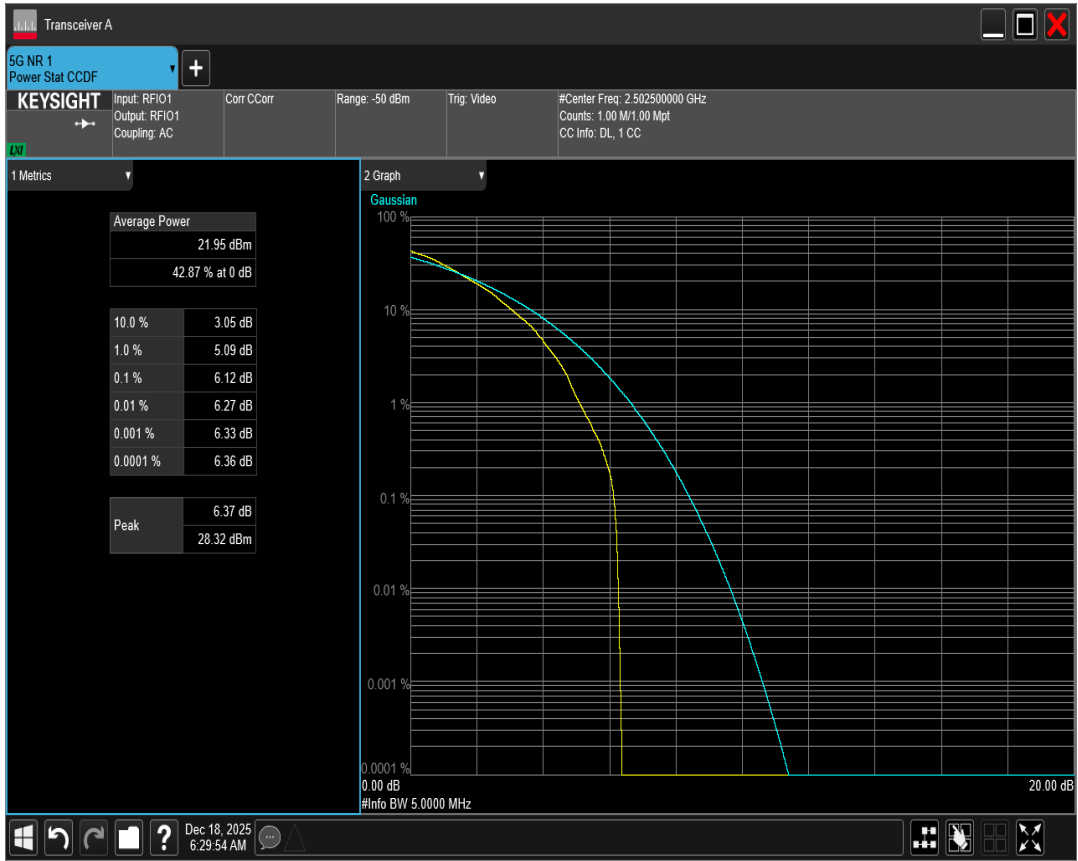
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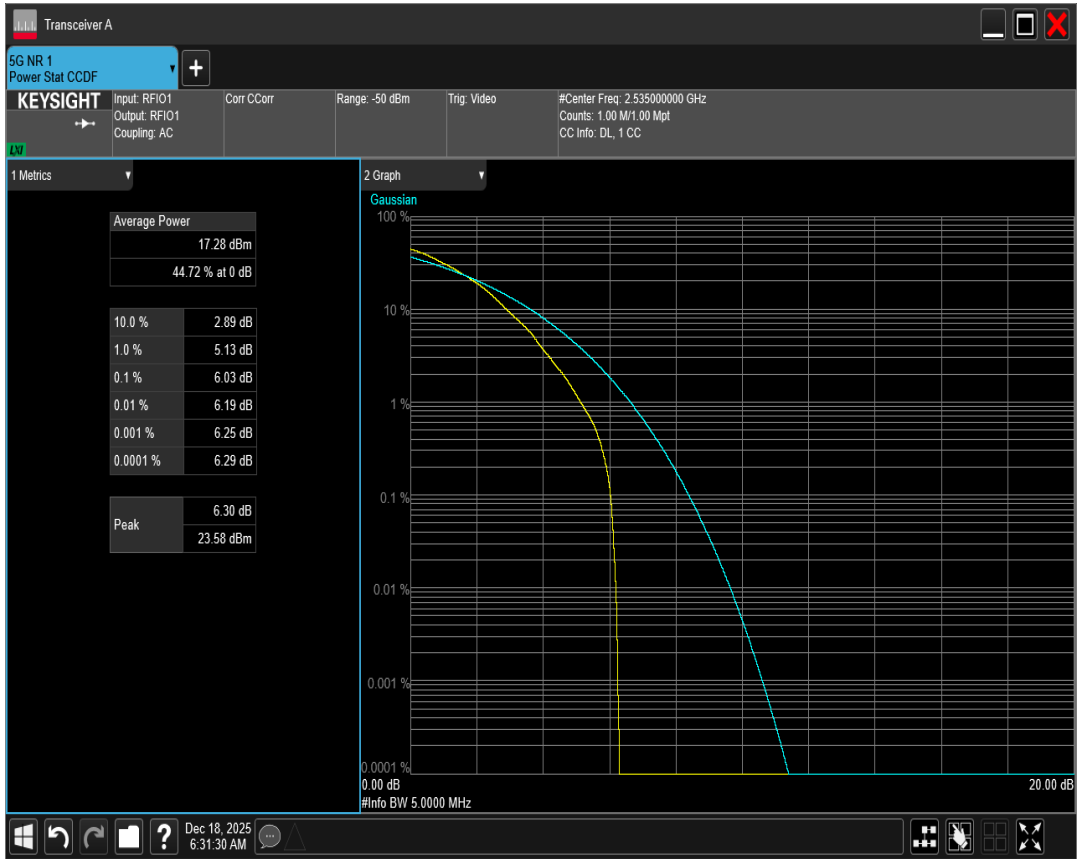
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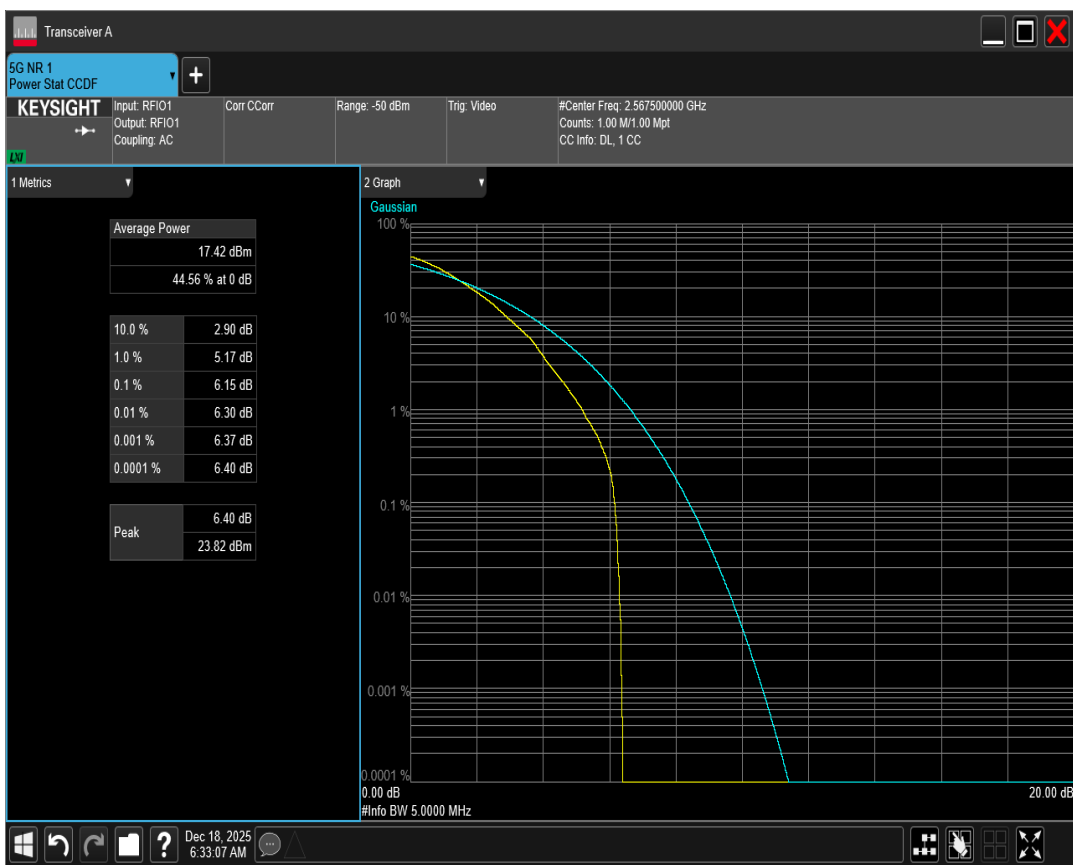
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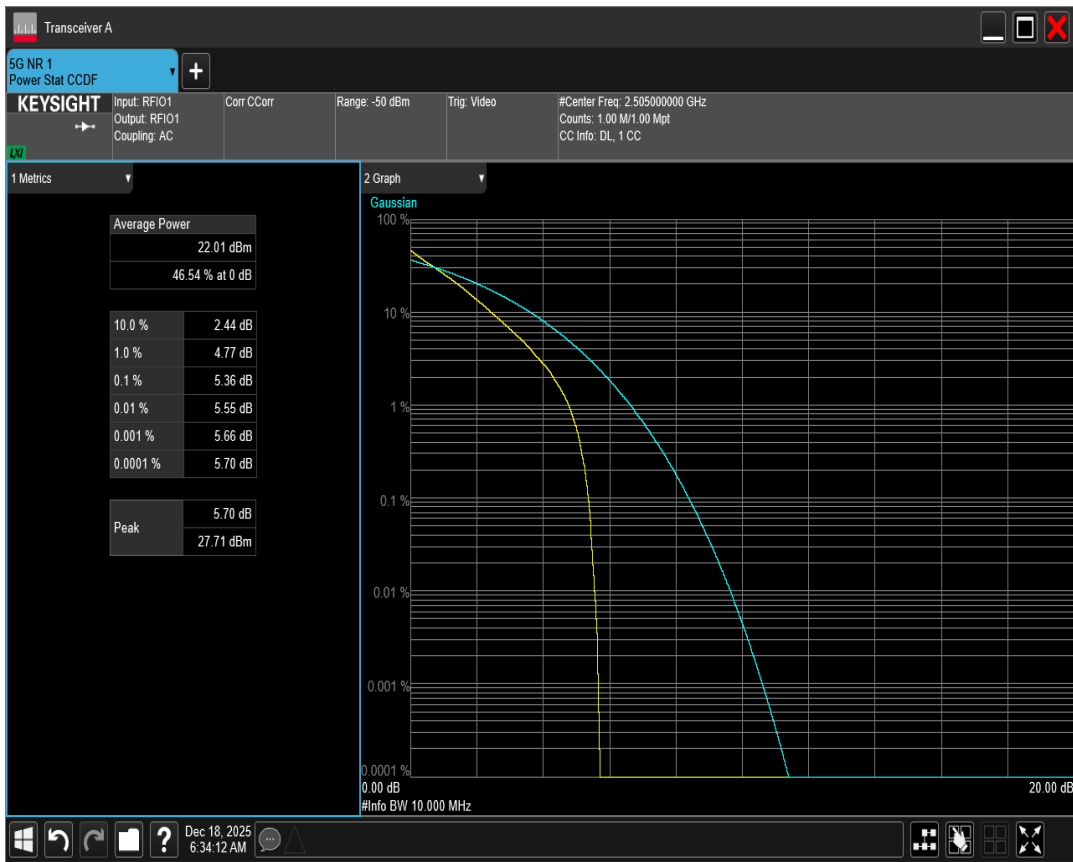
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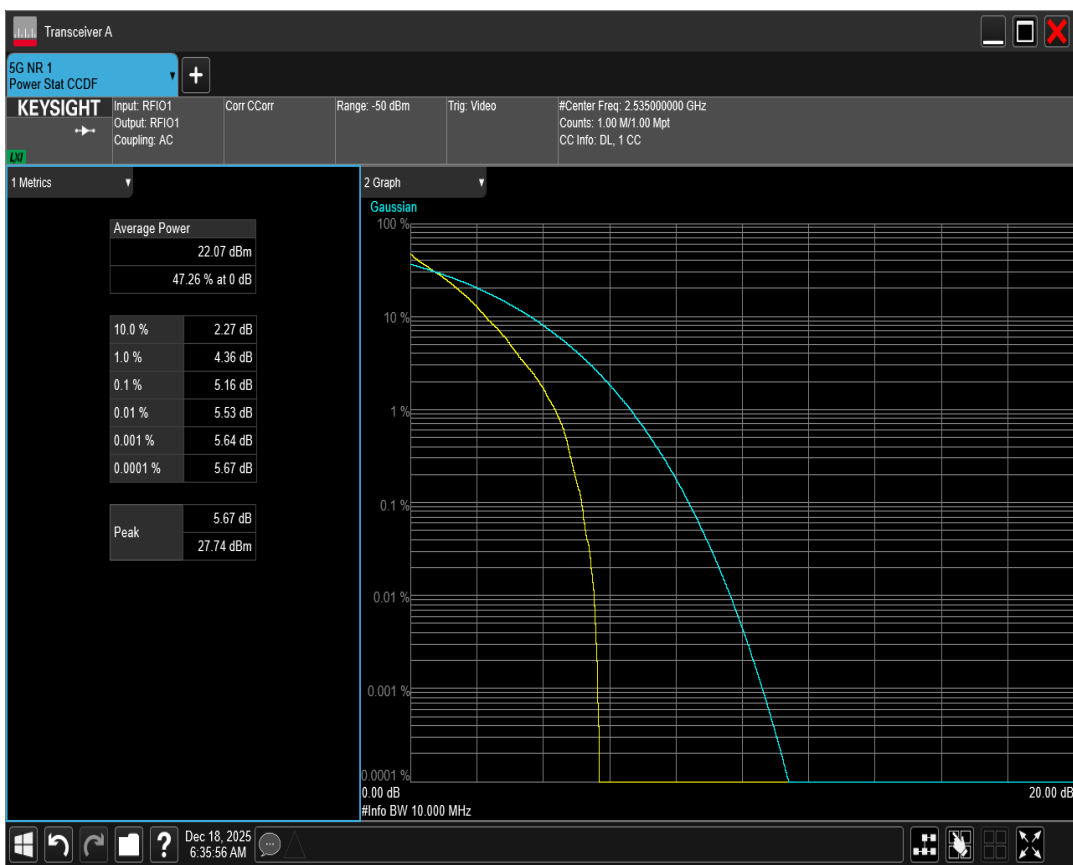
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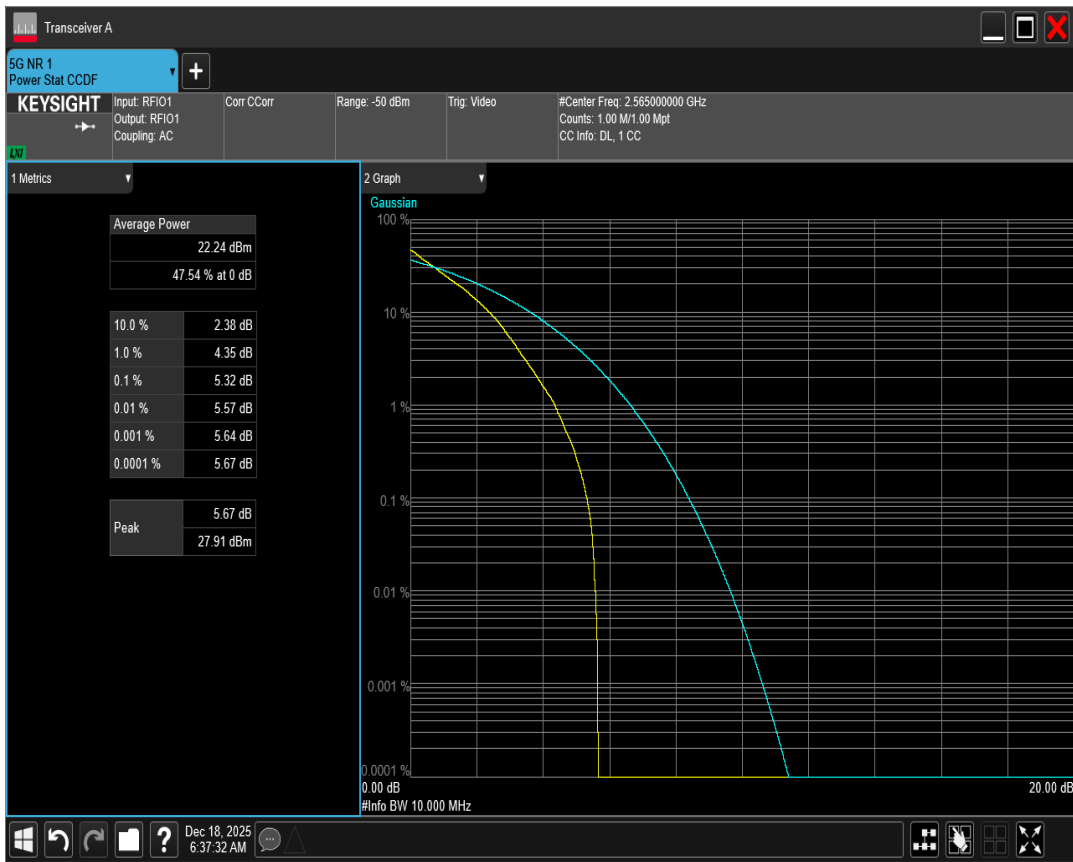
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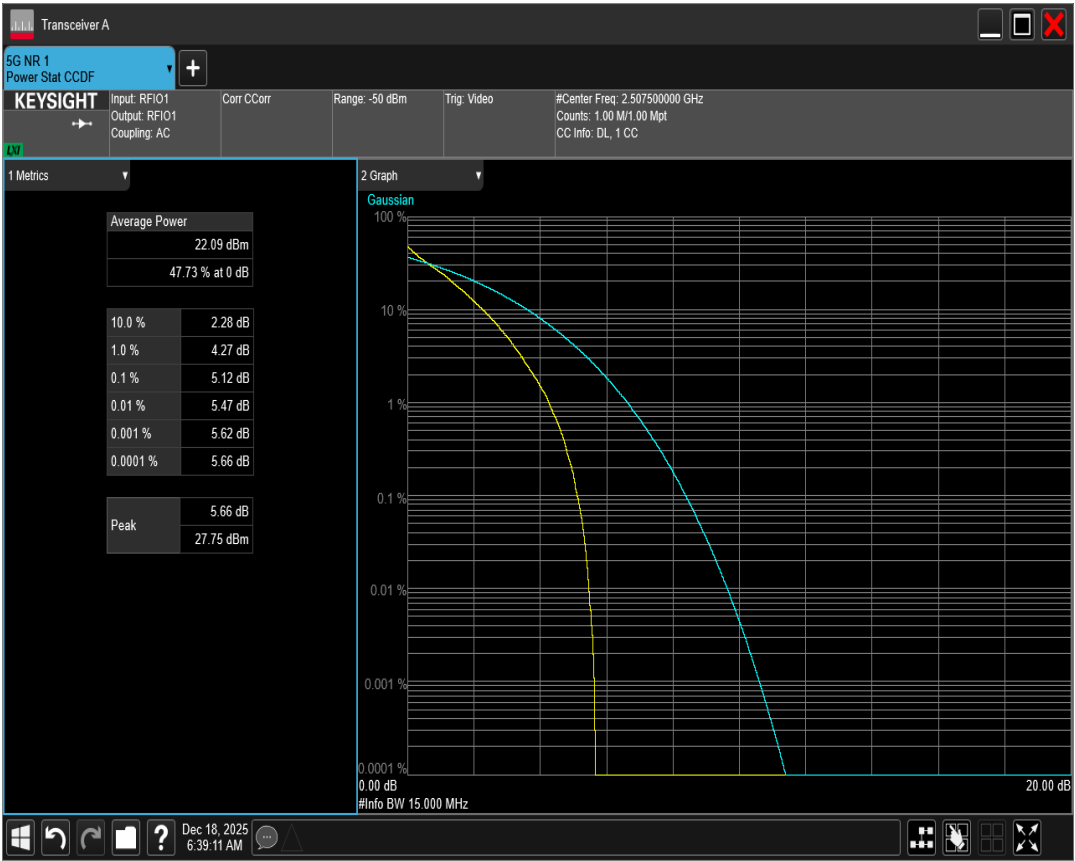
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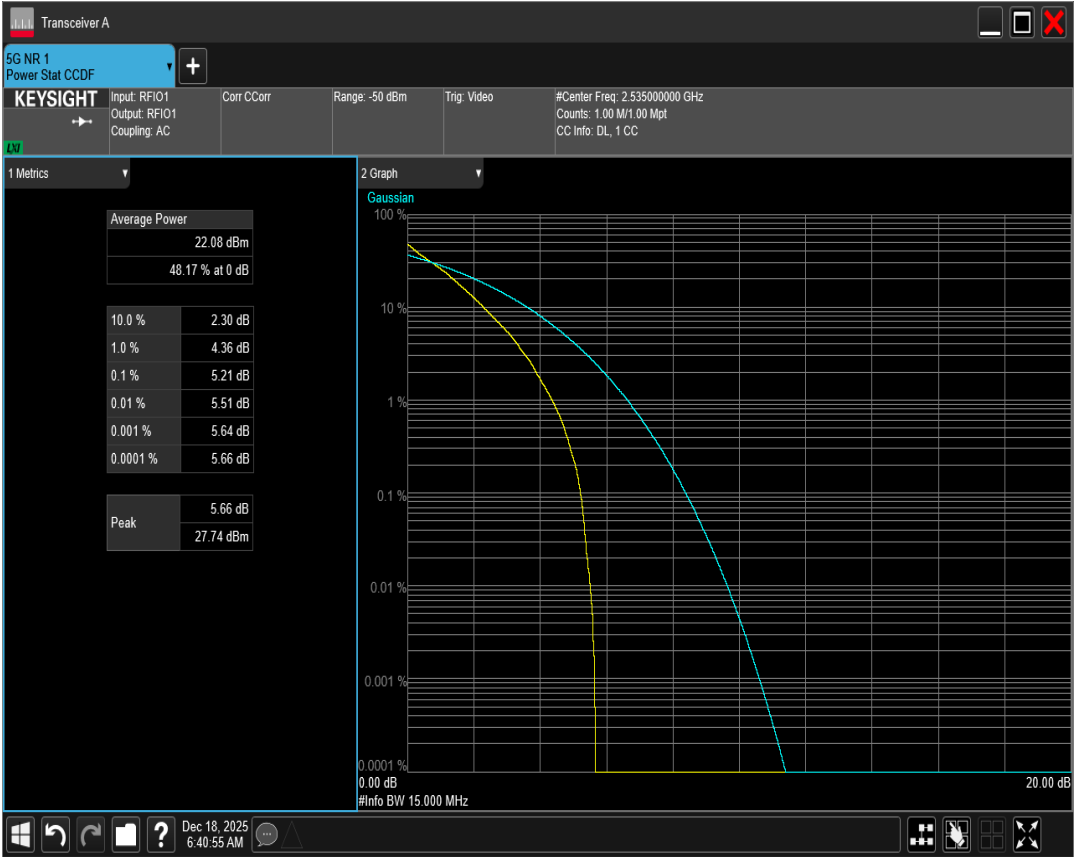
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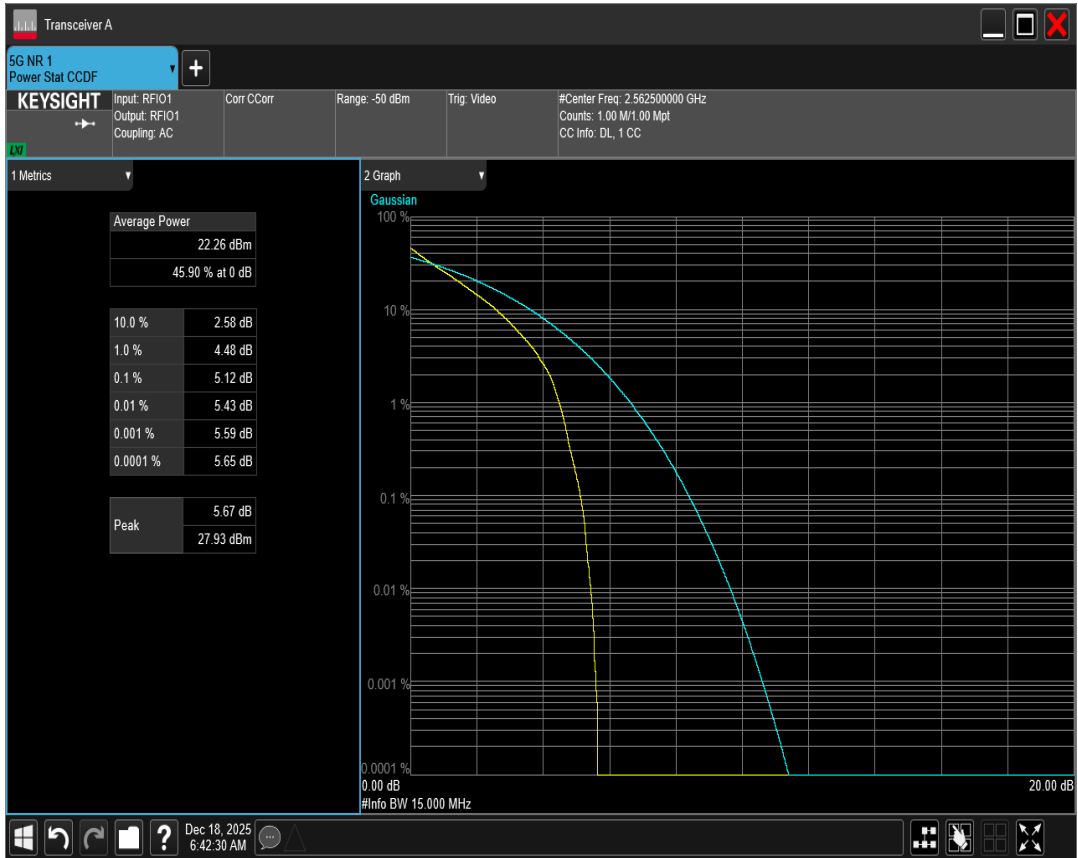
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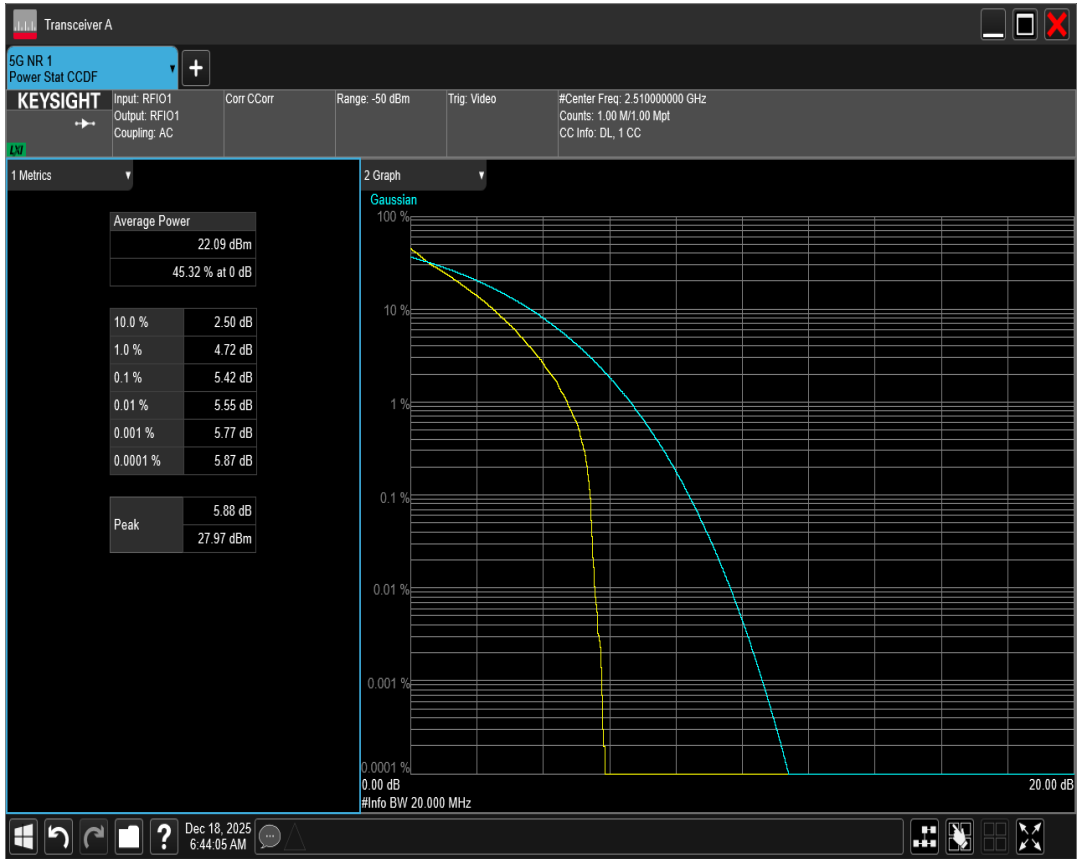
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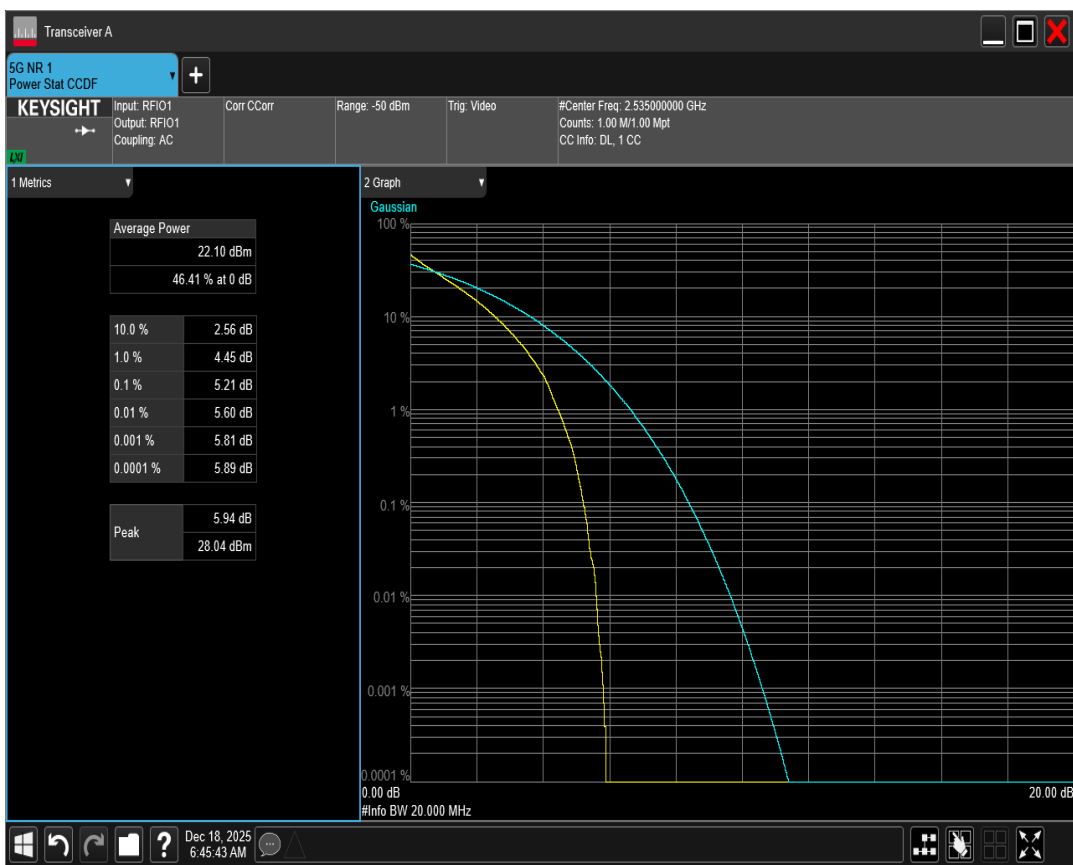
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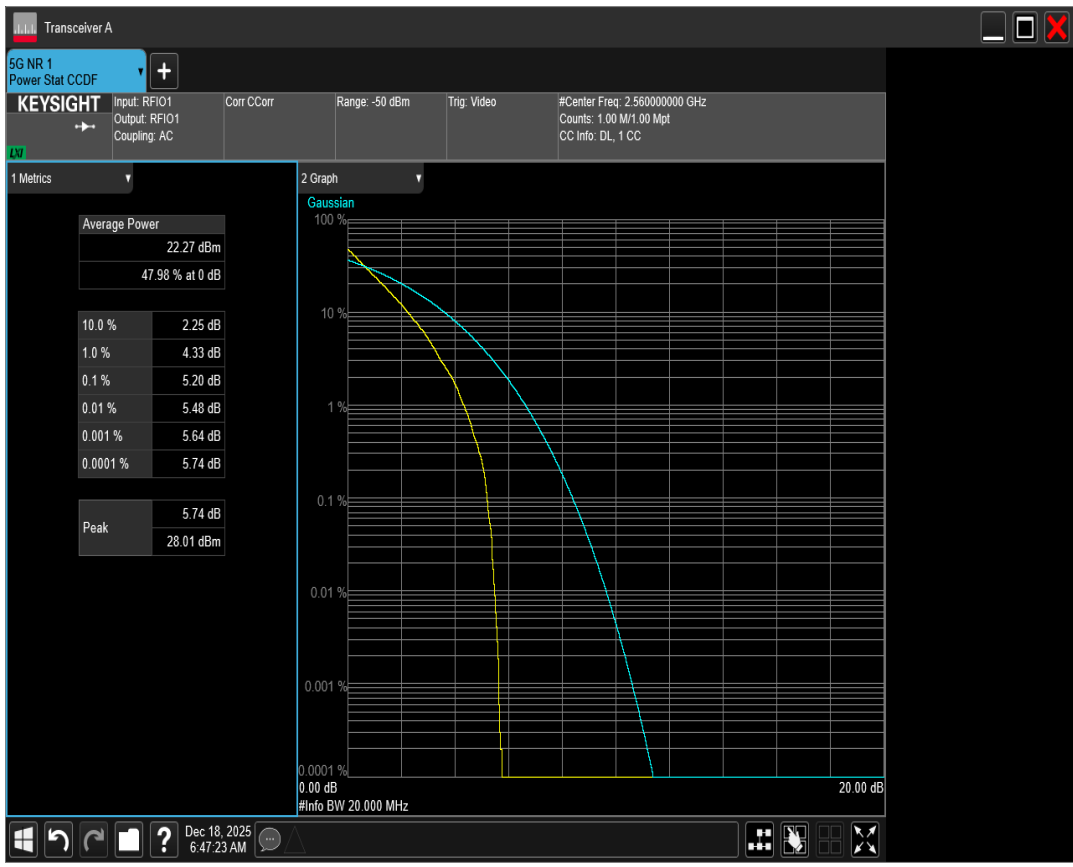
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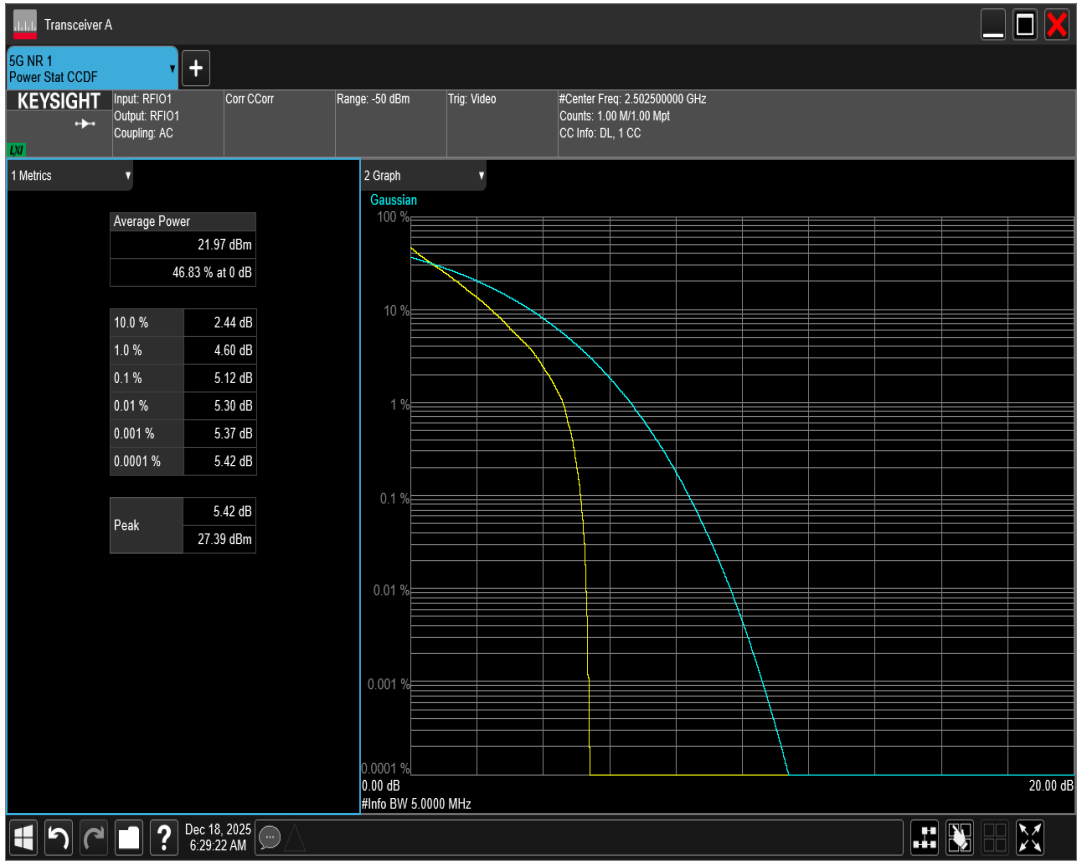
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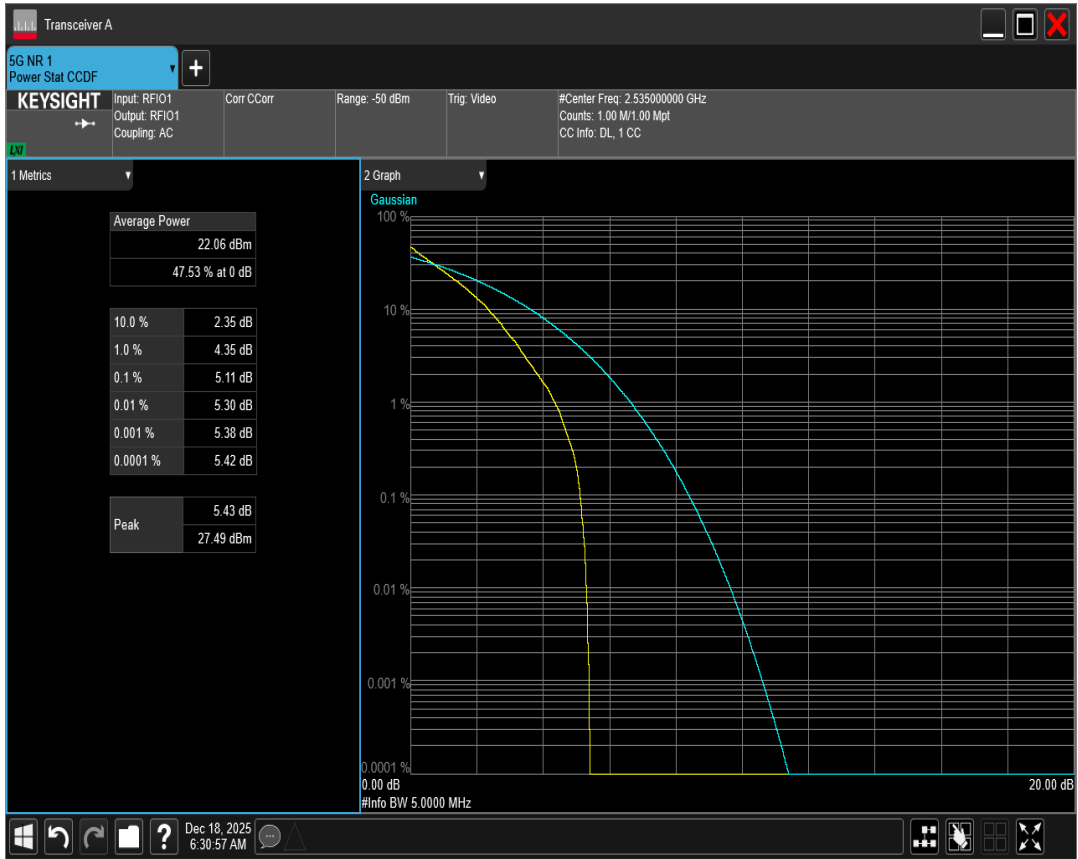
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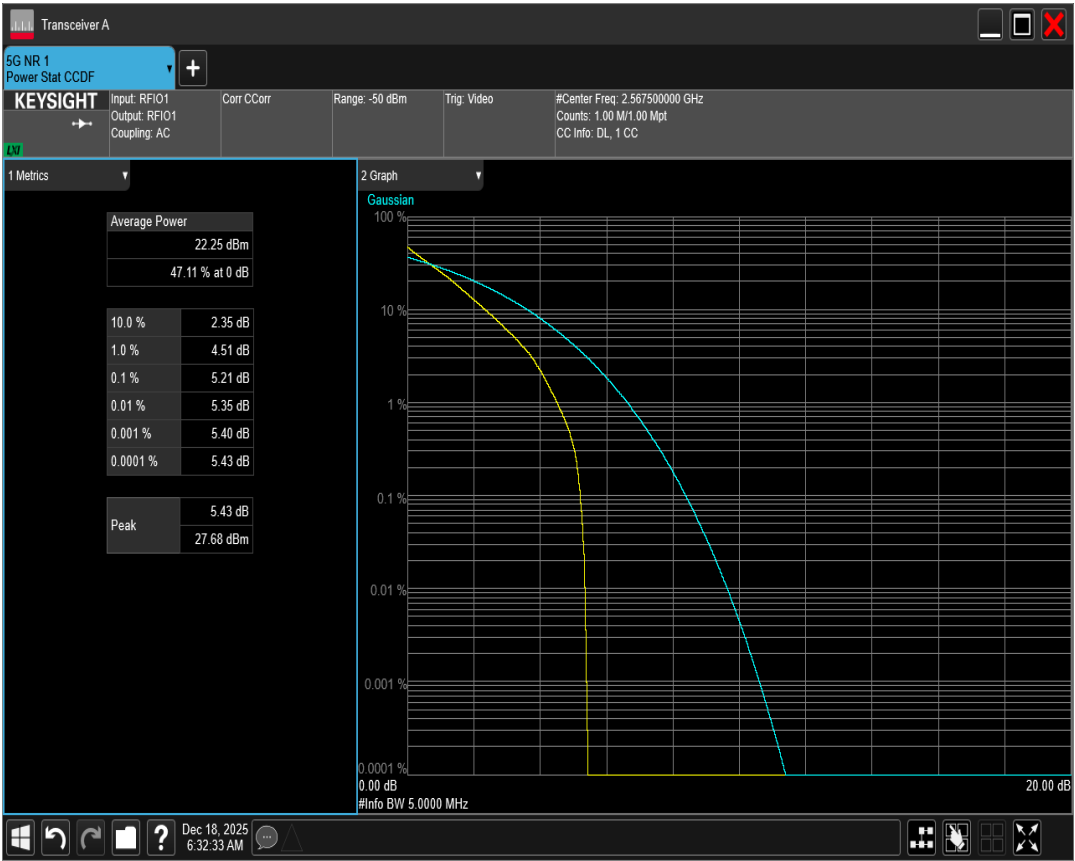
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*n7 SCS=15kHz DFT\_QPSK BW=5MHz Channel=507000 RB=25@0*



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



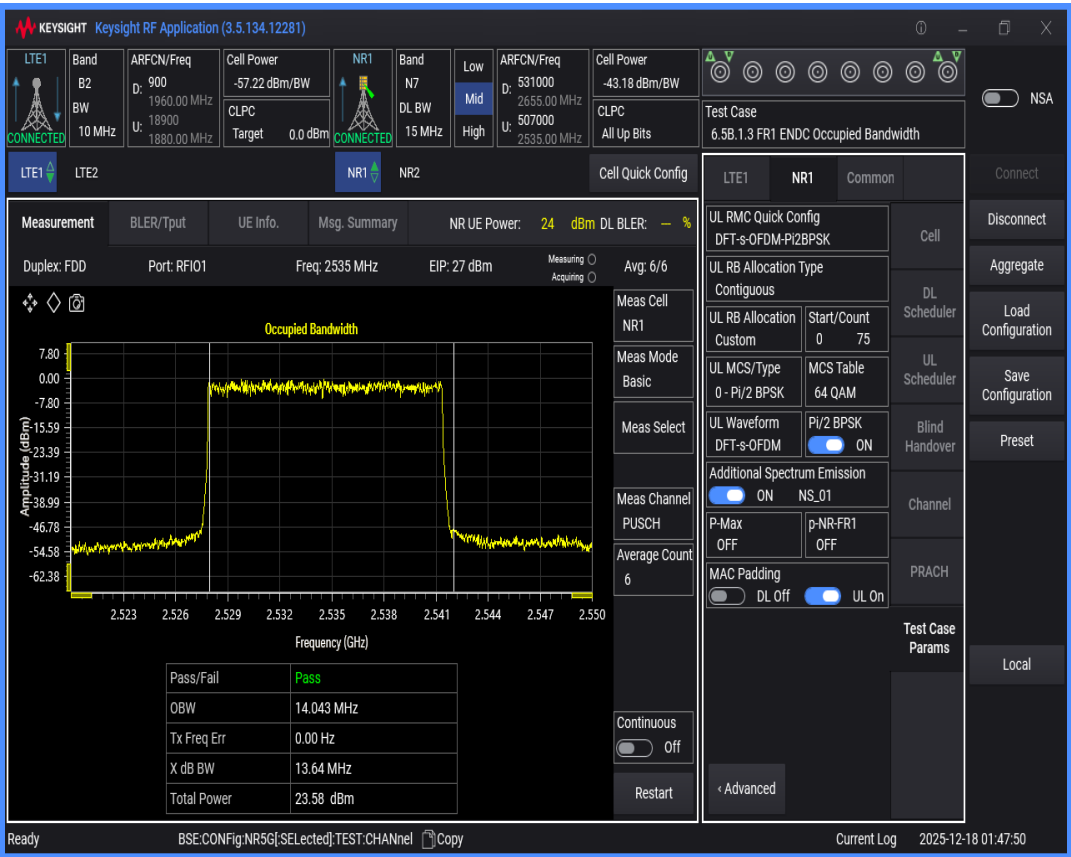
## 4 Occupied bandwidth for EN-DC

| <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          | 4.450                        | 4.660                          | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QPSK          | 4.470                        | 4.640                          | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QAM16         | 4.450                        | 4.610                          | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QAM64         | 4.470                        | 4.680                          | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QAM256        | 4.450                        | 4.640                          | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_BPSK          | 9.160                        | 9.110                          | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QPSK          | 9.160                        | 9.110                          | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QAM16         | 9.190                        | 9.120                          | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QAM64         | 9.190                        | 9.110                          | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QAM256        | 9.190                        | 9.170                          | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_BPSK          | 14.040                       | 13.640                         | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QPSK          | 13.950                       | 13.630                         | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QAM16         | 14.010                       | 13.670                         | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QAM64         | 13.970                       | 13.640                         | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QAM256        | 13.870                       | 13.610                         | PASS           |
| n7          | 15                   | 20                         | 507000                | 100@0                    | DFT_BPSK          | 18.730                       | 18.200                         | PASS           |
| n7          | 15                   | 20                         | 507000                | 100@0                    | DFT_QPSK          | 18.730                       | 18.120                         | PASS           |
| n7          | 15                   | 20                         | 507000                | 100@0                    | DFT_QAM16         | 18.670                       | 18.130                         | PASS           |
| n7          | 15                   | 20                         | 507000                | 100@0                    | DFT_QAM64         | 18.700                       | 18.180                         | PASS           |
| n7          | 15                   | 20                         | 507000                | 100@0                    | DFT_QAM256        | 18.690                       | 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*



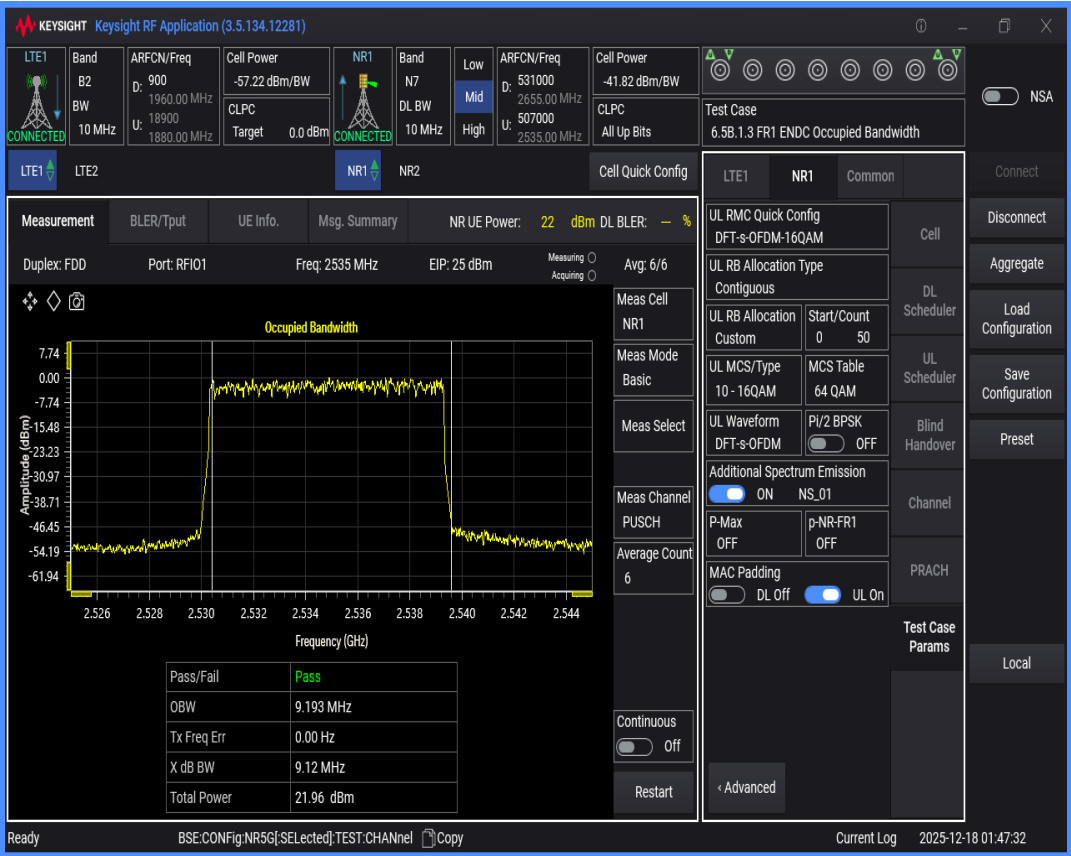
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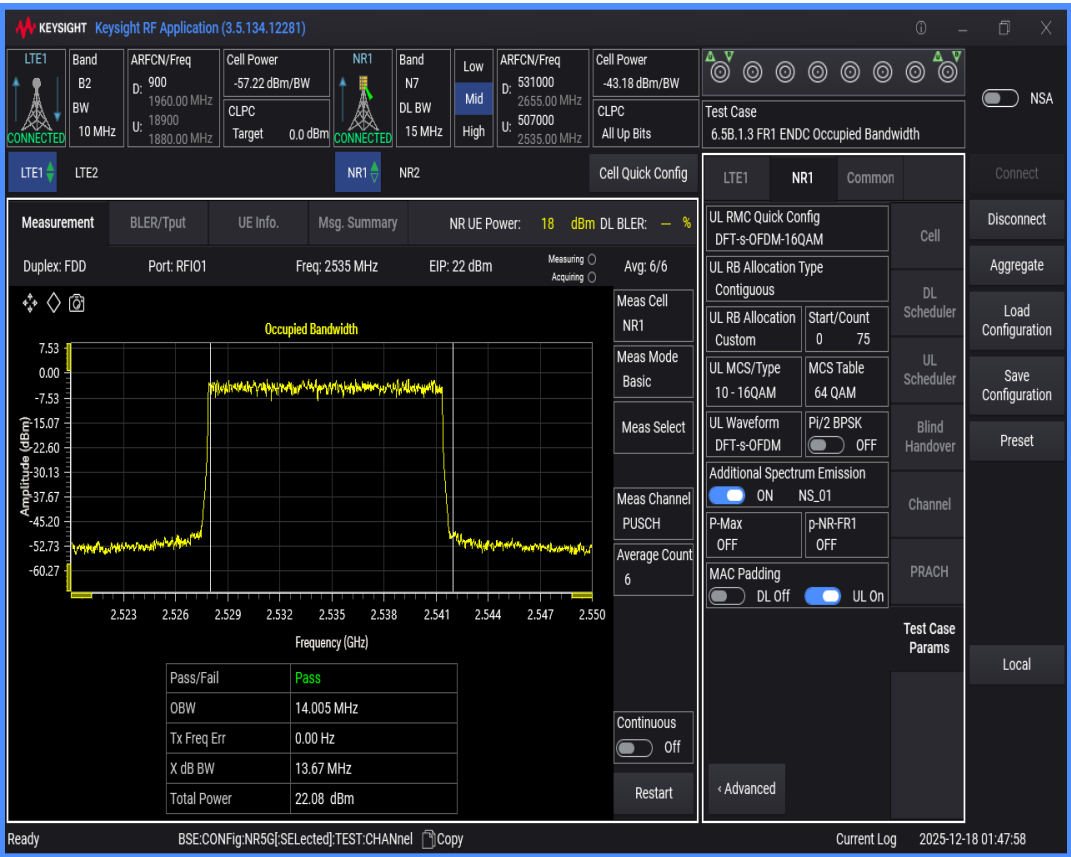
*n7 SCS=15kHz DFT\_BPSK BW=5MHz Channel=507000 RB=25@0*



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



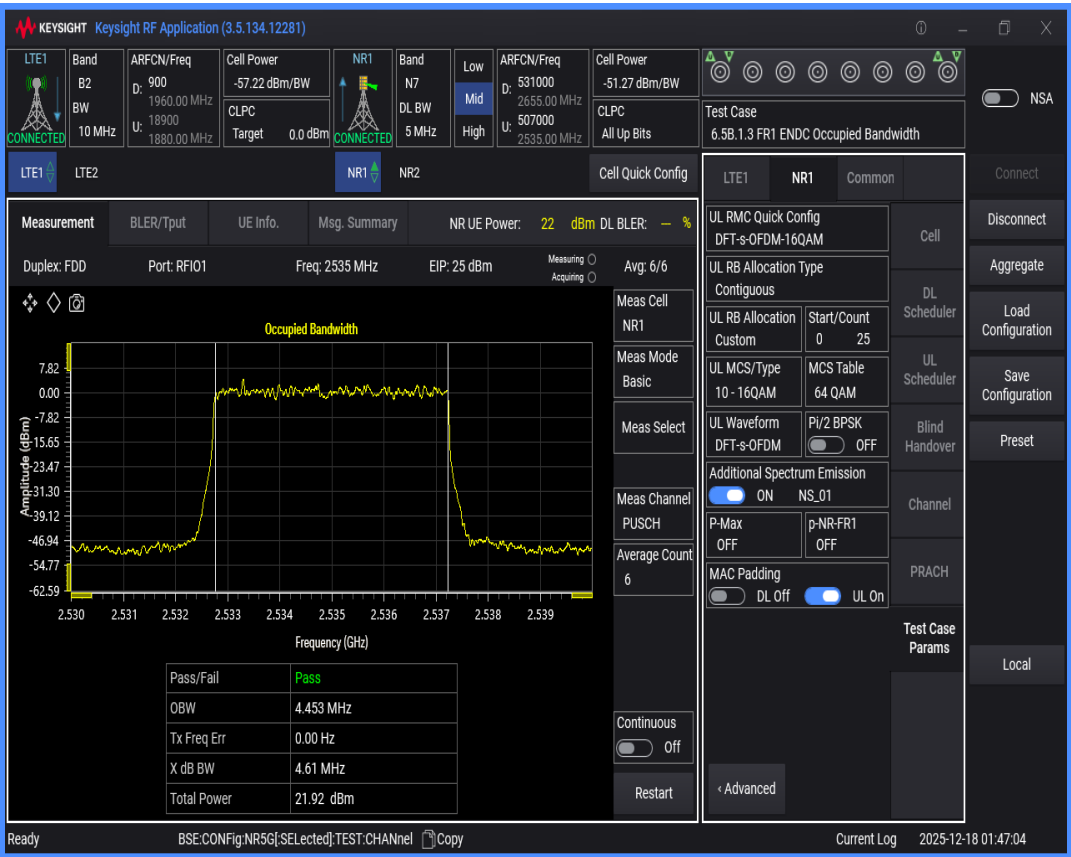
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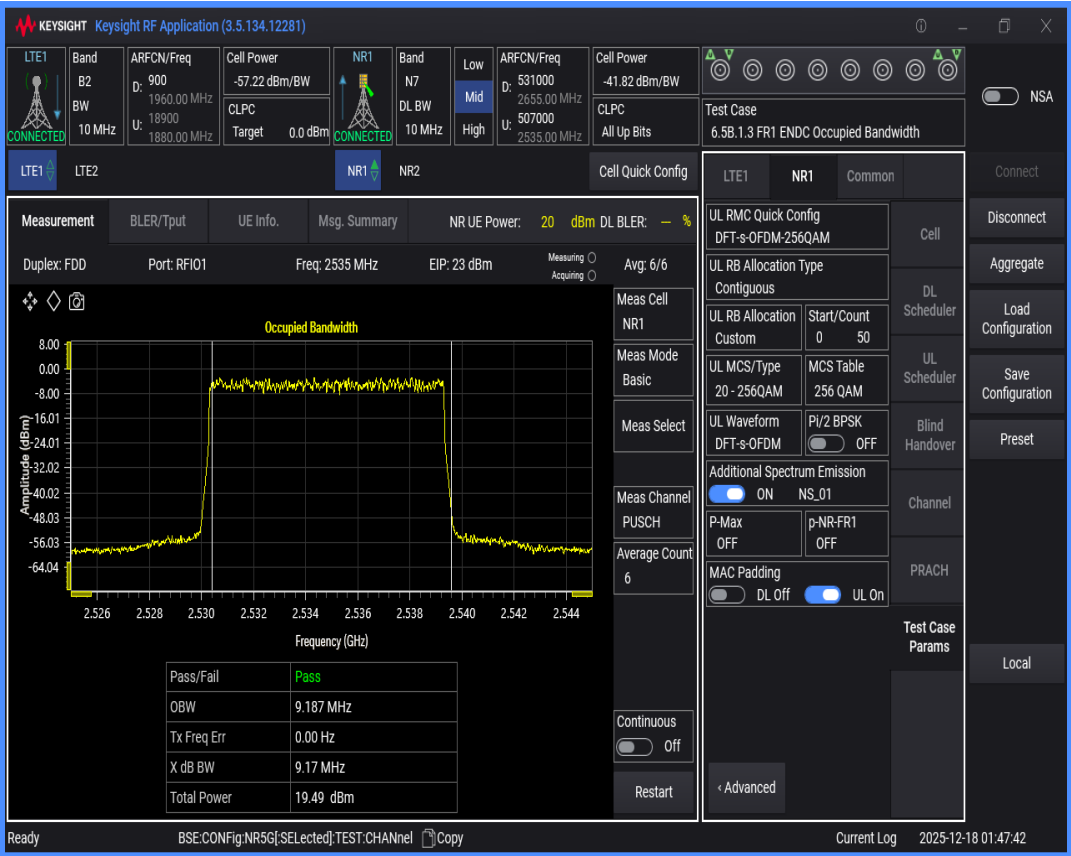
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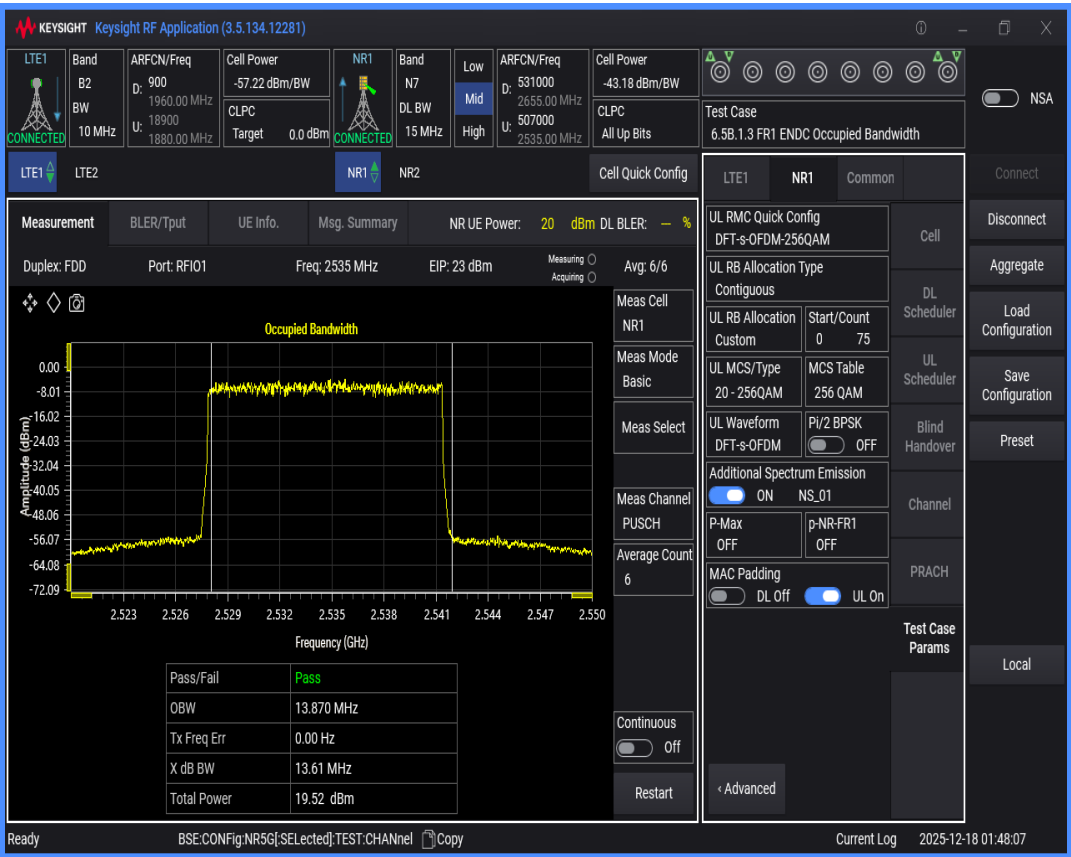
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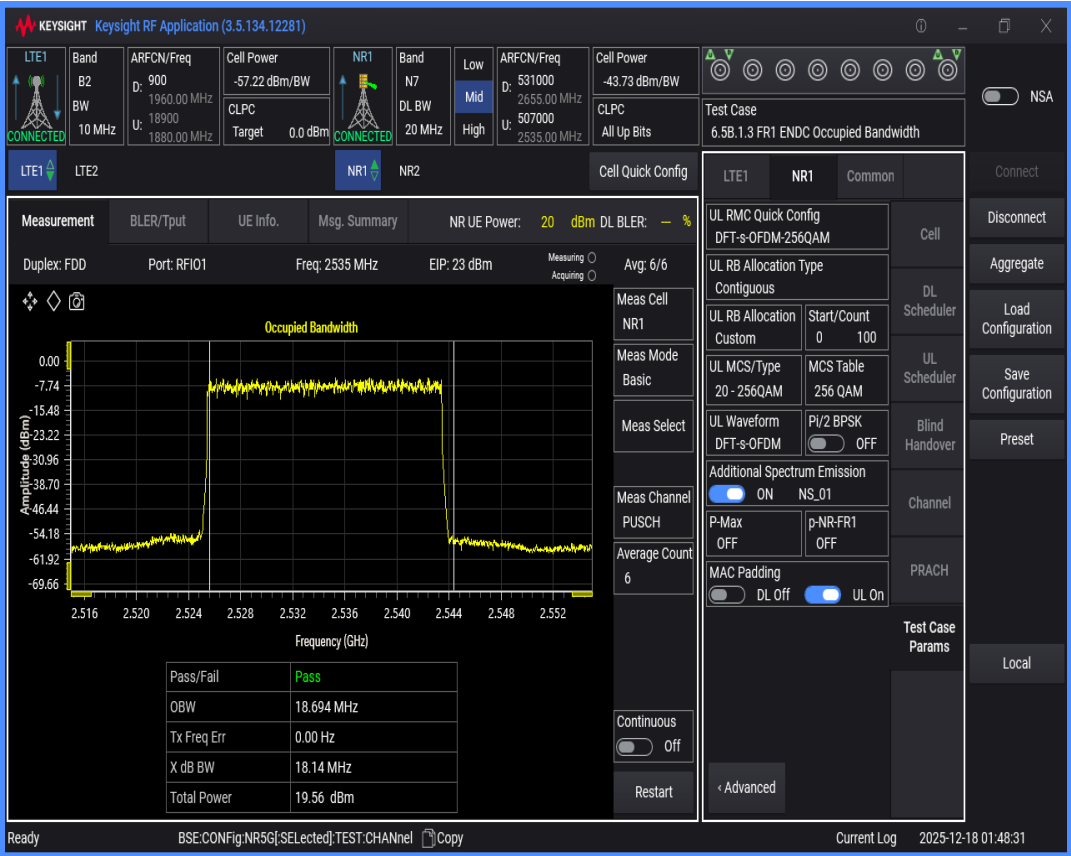
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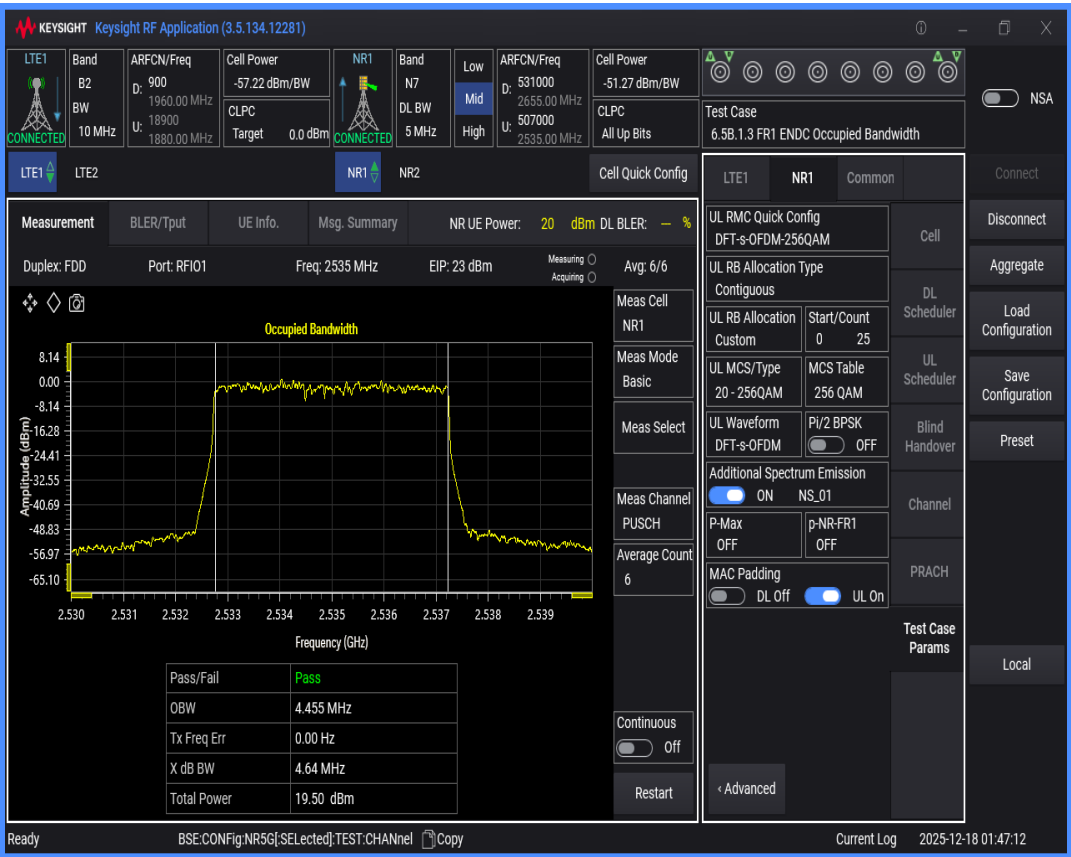
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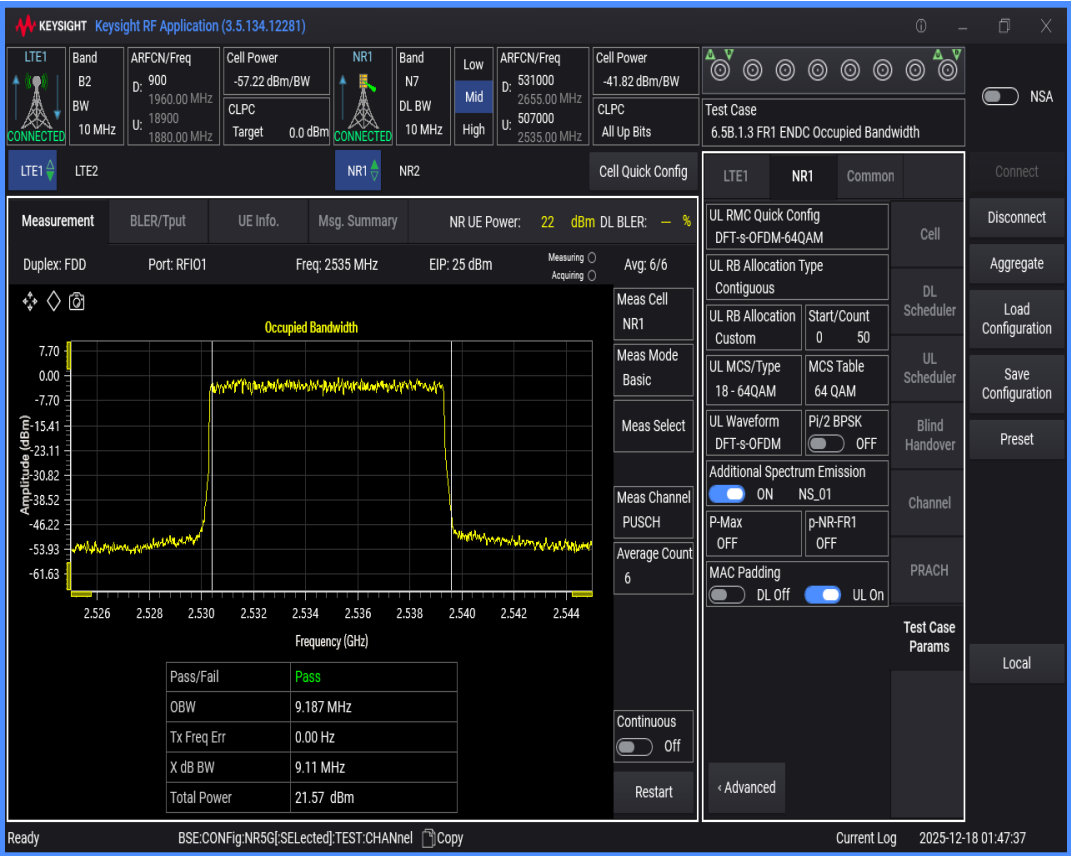
***n7 SCS=15kHz DFT\_QAM256 BW=20MHz Channel=507000 RB=100@0***



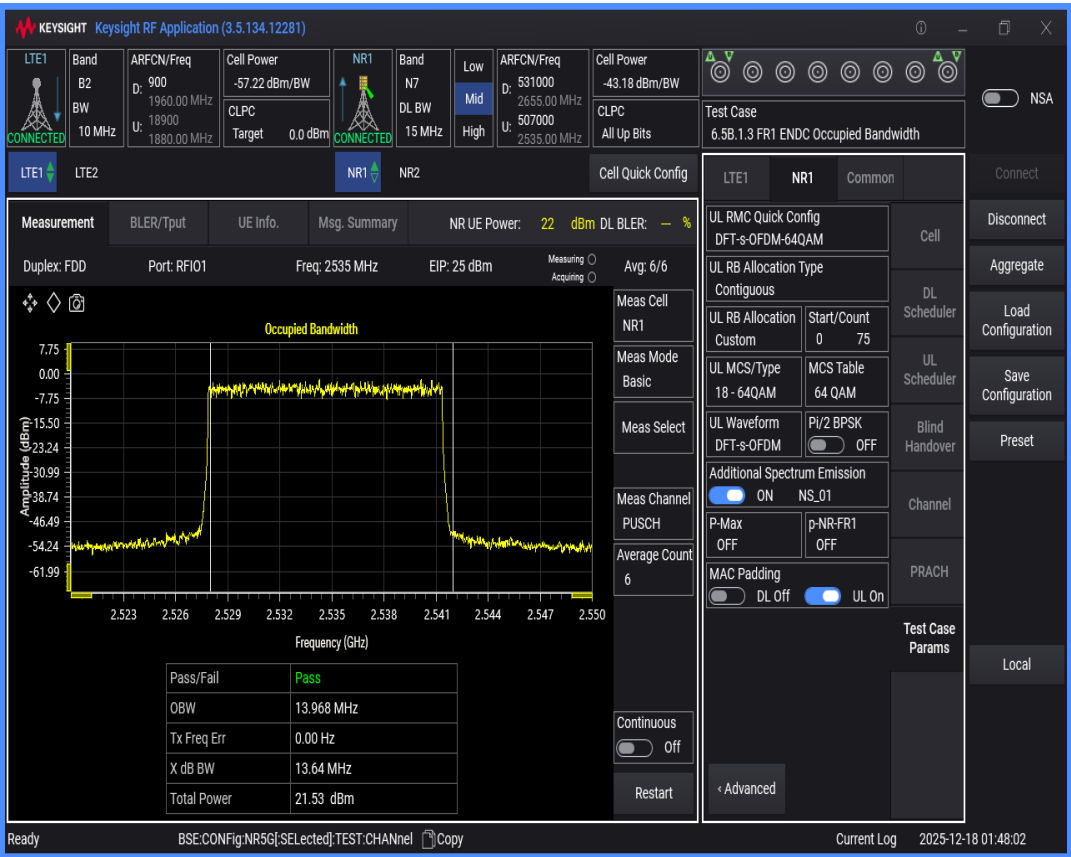
*n7 SCS=15kHz DFT\_QAM256 BW=5MHz Channel=507000 RB=25@0*



*n7 SCS=15kHz DFT\_QAM64 BW=10MHz Channel=507000 RB=50@0*



**n7 SCS=15kHz DFT\_QAM64 BW=15MHz Channel=507000 RB=75@0**



**n7 SCS=15kHz DFT\_QAM64 BW=20MHz Channel=507000 RB=100@0**