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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 |
|-------|--------------|--------------------|---------------|------------------|------------|----------------|-----------------------|------------------------|---------|
| Band7 | 15           | 5                  | 20775         | 1@0              | QPSK       | 7.65           |                       |                        |         |
| n7    | 15           | 5                  | 500500        | 1@0              | DFT_BPSK   | 25.54          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 25.61          | 19                    | 26                     | PASS    |
| Band7 | 15           | 5                  | 21100         | 8@0              | QPSK       | 8.28           |                       |                        |         |
| n7    | 15           | 5                  | 507000        | 12@6             | DFT_BPSK   | 25.80          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 25.87          | 19                    | 26                     | PASS    |
| Band7 | 15           | 5                  | 21100         | 8@0              | QPSK       | 8.27           |                       |                        |         |
| n7    | 15           | 5                  | 507000        | 12@6             | DFT_QPSK   | 25.81          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 25.88          | 19                    | 26                     | PASS    |
| Band7 | 15           | 5                  | 21425         | 1@17             | QPSK       | 7.51           |                       |                        |         |
| n7    | 15           | 5                  | 513500        | 1@24             | DFT_BPSK   | 24.90          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 24.97          | 19                    | 26                     | PASS    |
| Band7 | 15           | 5                  | 21425         | 8@17             | QPSK       | 7.43           |                       |                        |         |
| n7    | 15           | 5                  | 513500        | 12@6             | DFT_BPSK   | 24.84          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 24.91          | 19                    | 26                     | PASS    |
| Band7 | 15           | 5                  | 21425         | 1@17             | QPSK       | 7.74           |                       |                        |         |
| n7    | 15           | 5                  | 513500        | 1@24             | DFT_QPSK   | 25.14          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 25.21          | 19                    | 26                     | PASS    |
| Band7 | 15           | 5                  | 21425         | 8@17             | QPSK       | 7.43           |                       |                        |         |
| n7    | 15           | 5                  | 513500        | 12@6             | DFT_QPSK   | 24.86          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 24.93          | 19                    | 26                     | PASS    |
| Band7 | 15           | 20                 | 20850         | 1@0              | QPSK       | 7.73           |                       |                        |         |
| n7    | 15           | 20                 | 502000        | 1@0              | DFT_BPSK   | 25.41          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 25.48          | 19                    | 26                     | PASS    |
| Band7 | 15           | 20                 | 21100         | 18@0             | QPSK       | 8.25           |                       |                        |         |
| n7    | 15           | 20                 | 507000        | 50@25            | DFT_BPSK   | 25.74          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 25.81          | 19                    | 26                     | PASS    |
| Band7 | 15           | 20                 | 21100         | 18@0             | QPSK       | 8.30           |                       |                        |         |
| n7    | 15           | 20                 | 507000        | 50@25            | DFT_QPSK   | 25.76          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 25.83          | 19                    | 26                     | PASS    |
| Band7 | 15           | 20                 | 21350         | 1@72             | QPSK       | 7.55           |                       |                        |         |
| n7    | 15           | 20                 | 512000        | 1@105            | DFT_BPSK   | 24.74          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 24.82          | 19                    | 26                     | PASS    |
| Band7 | 15           | 20                 | 21350         | 18@72            | QPSK       | 7.64           |                       |                        |         |
| n7    | 15           | 20                 | 512000        | 50@25            | DFT_BPSK   | 25.09          |                       |                        |         |
| Sum   | 15           |                    |               |                  |            | 25.16          | 19                    | 26                     | PASS    |
| Band7 | 15           | 20                 | 21350         | 1@72             | QPSK       | 7.57           |                       |                        |         |
| n7    | 15           | 20                 | 512000        | 1@105            | DFT_QPSK   | 24.93          |                       |                        |         |

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|       |    |    |        |       |          |       |    |    |      |
|-------|----|----|--------|-------|----------|-------|----|----|------|
| Sum   | 15 |    |        |       |          | 25.00 | 19 | 26 | PASS |
| Band7 | 15 | 20 | 21350  | 18@72 | QPSK     | 7.67  |    |    |      |
| n7    | 15 | 20 | 512000 | 50@25 | DFT_QPSK | 25.15 |    |    |      |
| Sum   | 15 |    |        |       |          | 25.22 | 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   | -29.21     | -0.01167        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 1@1              | DFT_BPSK   | -30.72     | -0.01228        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 1@23             | DFT_BPSK   | -28.37     | -0.01134        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 12@6             | DFT_QPSK   | -20.44     | -0.00817        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 1@1              | DFT_QPSK   | -17.83     | -0.00712        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 1@23             | DFT_QPSK   | -16.58     | -0.00663        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 12@6             | DFT_BPSK   | -17.96     | -0.00708        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 1@1              | DFT_BPSK   | -15.67     | -0.00618        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 1@23             | DFT_BPSK   | -11.75     | -0.00464        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 12@6             | DFT_QPSK   | -10.02     | -0.00395        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 1@1              | DFT_QPSK   | -13.21     | -0.00521        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 1@23             | DFT_QPSK   | -12.52     | -0.00494        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 12@6             | DFT_BPSK   | -25.88     | -0.01008        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 1@1              | DFT_BPSK   | -17.95     | -0.00699        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 1@23             | DFT_BPSK   | -18.83     | -0.00733        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 12@6             | DFT_QPSK   | -7.59      | -0.00296        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 1@1              | DFT_QPSK   | -10.76     | -0.00419        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 1@23             | DFT_QPSK   | -10.54     | -0.00411        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 36@18            | DFT_BPSK   | -9.52      | -0.00380        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 1@1              | DFT_BPSK   | -9.16      | -0.00365        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 1@77             | DFT_BPSK   | -9.55      | -0.00381        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 36@18            | DFT_QPSK   | -9.78      | -0.00390        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 1@1              | DFT_QPSK   | -3.77      | -0.00150        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 1@77             | DFT_QPSK   | -4.86      | -0.00194        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 36@18            | DFT_BPSK   | -3.95      | -0.00156        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 1@1              | DFT_BPSK   | -6.74      | -0.00266        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 1@77             | DFT_BPSK   | -6.21      | -0.00245        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 36@18            | DFT_QPSK   | -5.32      | -0.00210        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 1@1              | DFT_QPSK   | -6.21      | -0.00245        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 1@77             | DFT_QPSK   | -7.40      | -0.00292        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 36@18            | DFT_BPSK   | -9.52      | -0.00372        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 1@1              | DFT_BPSK   | -12.97     | -0.00506        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 1@77             | DFT_BPSK   | -8.52      | -0.00332        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 36@18            | DFT_QPSK   | -8.54      | -0.00333        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 1@1              | DFT_QPSK   | -4.71      | -0.00184        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 1@77             | DFT_QPSK   | -3.01      | -0.00117        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 20                 | 502000        | 50@25            | DFT_BPSK   | -4.80      | -0.00191        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 20                 | 502000        | 1@1              | DFT_BPSK   | -4.96      | -0.00198        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 20                 | 502000        | 1@104            | DFT_BPSK   | -3.53      | -0.00141        | -2.5                  | 2.5                    | PASS    |

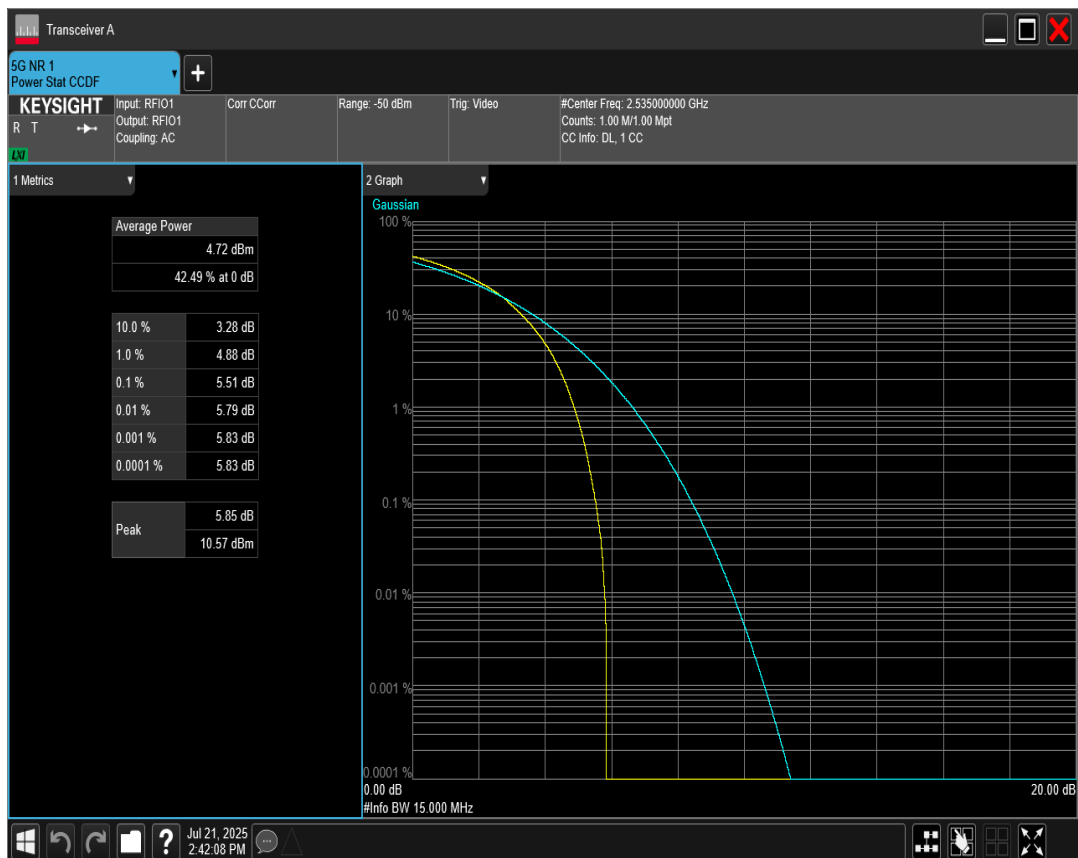
|    |    |    |        |       |          |       |          |      |     |      |
|----|----|----|--------|-------|----------|-------|----------|------|-----|------|
| n7 | 15 | 20 | 502000 | 50@25 | DFT_QPSK | -4.99 | -0.00199 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 502000 | 1@1   | DFT_QPSK | -5.24 | -0.00209 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 502000 | 1@104 | DFT_QPSK | -4.93 | -0.00196 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 50@25 | DFT_BPSK | 1.83  | 0.00072  | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 1@1   | DFT_BPSK | 0.27  | 0.00011  | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 1@104 | DFT_BPSK | -4.76 | -0.00188 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 50@25 | DFT_QPSK | -3.87 | -0.00153 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 1@1   | DFT_QPSK | -3.50 | -0.00138 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 1@104 | DFT_QPSK | -3.80 | -0.00150 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 50@25 | DFT_BPSK | -3.72 | -0.00145 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 1@1   | DFT_BPSK | -3.36 | -0.00131 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 1@104 | DFT_BPSK | -4.60 | -0.00180 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 50@25 | DFT_QPSK | -7.96 | -0.00311 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 1@1   | DFT_QPSK | -5.26 | -0.00205 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 1@104 | DFT_QPSK | -4.08 | -0.00159 | -2.5 | 2.5 | PASS |

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

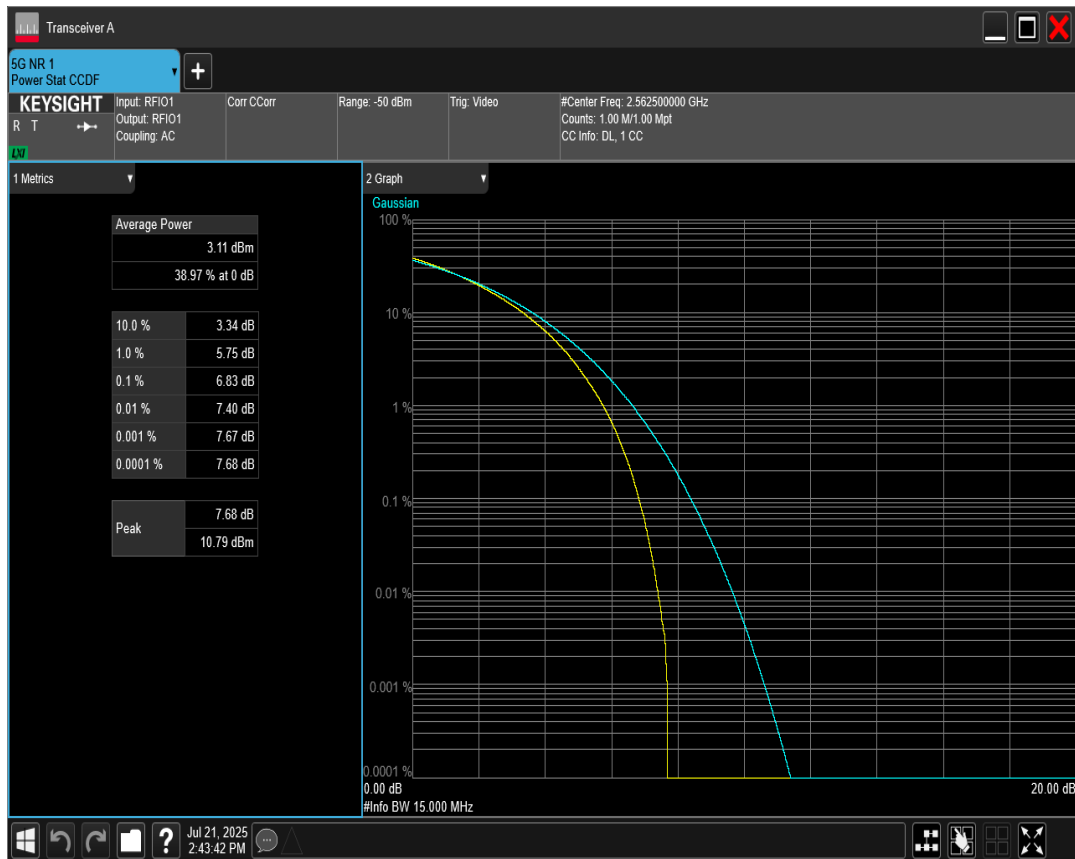
| <i>Band</i> | <i>SCS<br/>(kHz)</i> | <i>Bandwidth<br/>(MHz)</i> | <i>UL<br/>Channel</i> | <i>RB<br/>Allocation</i> | <i>Modulation</i> | <i>Result<br/>(dB)</i> | <i>high<br/>Limit<br/>(dB)</i> | <i>Verdict</i> |
|-------------|----------------------|----------------------------|-----------------------|--------------------------|-------------------|------------------------|--------------------------------|----------------|
| n7          | 15                   | 5                          | 500500                | 25@0                     | DFT_BPSK          | 4.13                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 500500                | 25@0                     | DFT_QPSK          | 5.05                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 500500                | 25@0                     | DFT_QAM16         | 5.50                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 500500                | 25@0                     | DFT_QAM64         | 9.01                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 500500                | 25@0                     | DFT_QAM256        | 6.17                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_BPSK          | 3.92                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QPSK          | 4.63                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QAM16         | 5.45                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QAM64         | 5.47                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QAM256        | 5.96                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 513500                | 25@0                     | DFT_BPSK          | 7.19                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 513500                | 25@0                     | DFT_QPSK          | 7.36                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 513500                | 25@0                     | DFT_QAM16         | 8.18                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 513500                | 25@0                     | DFT_QAM64         | 8.67                   | 13                             | PASS           |
| n7          | 15                   | 5                          | 513500                | 25@0                     | DFT_QAM256        | 8.88                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 501000                | 50@0                     | DFT_BPSK          | 6.12                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 501000                | 50@0                     | DFT_QPSK          | 6.23                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 501000                | 50@0                     | DFT_QAM16         | 8.13                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 501000                | 50@0                     | DFT_QAM64         | 9.59                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 501000                | 50@0                     | DFT_QAM256        | 9.56                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_BPSK          | 4.21                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QPSK          | 4.22                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QAM16         | 3.59                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QAM64         | 3.25                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QAM256        | 2.96                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 513000                | 50@0                     | DFT_BPSK          | 6.10                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 513000                | 50@0                     | DFT_QPSK          | 6.25                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 513000                | 50@0                     | DFT_QAM16         | 8.73                   | 13                             | PASS           |
| n7          | 15                   | 10                         | 513000                | 50@0                     | DFT_QAM64         | 10.38                  | 13                             | PASS           |
| n7          | 15                   | 10                         | 513000                | 50@0                     | DFT_QAM256        | 10.65                  | 13                             | PASS           |
| n7          | 15                   | 15                         | 501500                | 75@0                     | DFT_BPSK          | 6.63                   | 13                             | PASS           |
| n7          | 15                   | 15                         | 501500                | 75@0                     | DFT_QPSK          | 6.81                   | 13                             | PASS           |
| n7          | 15                   | 15                         | 501500                | 75@0                     | DFT_QAM16         | 9.28                   | 13                             | PASS           |
| n7          | 15                   | 15                         | 501500                | 75@0                     | DFT_QAM64         | 10.73                  | 13                             | PASS           |
| n7          | 15                   | 15                         | 501500                | 75@0                     | DFT_QAM256        | 11.09                  | 13                             | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_BPSK          | 5.51                   | 13                             | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QPSK          | 4.20                   | 13                             | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QAM16         | 3.62                   | 13                             | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QAM64         | 3.28                   | 13                             | PASS           |

|    |    |    |        |       |            |       |    |      |
|----|----|----|--------|-------|------------|-------|----|------|
| n7 | 15 | 15 | 507000 | 75@0  | DFT_QAM256 | 3.58  | 13 | PASS |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_BPSK   | 6.83  | 13 | PASS |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_QPSK   | 6.92  | 13 | PASS |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_QAM16  | 9.13  | 13 | PASS |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_QAM64  | 10.45 | 13 | PASS |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_QAM256 | 10.78 | 13 | PASS |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_BPSK   | 6.31  | 13 | PASS |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_QPSK   | 6.51  | 13 | PASS |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_QAM16  | 8.84  | 13 | PASS |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_QAM64  | 9.99  | 13 | PASS |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_QAM256 | 10.47 | 13 | PASS |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_BPSK   | 5.92  | 13 | PASS |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_QPSK   | 5.08  | 13 | PASS |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_QAM16  | 4.77  | 13 | PASS |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_QAM64  | 4.77  | 13 | PASS |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_QAM256 | 4.57  | 13 | PASS |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_BPSK   | 6.53  | 13 | PASS |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_QPSK   | 6.83  | 13 | PASS |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_QAM16  | 8.39  | 13 | PASS |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_QAM64  | 9.68  | 13 | PASS |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_QAM256 | 9.63  | 13 | PASS |

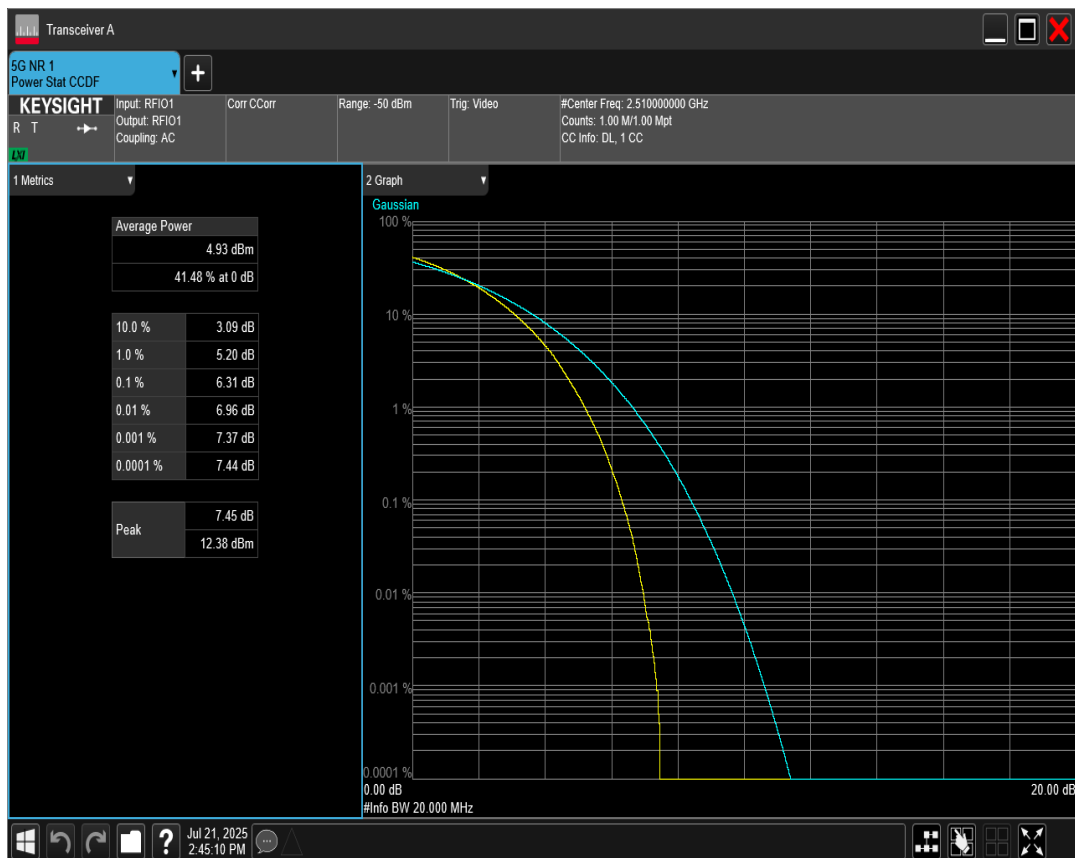
**n7 SCS=15kHz DFT\_BPSK BW=15MHz Channel=507000 RB=75@0**



**n7 SCS=15kHz DFT\_BPSK BW=15MHz Channel=512500 RB=75@0**

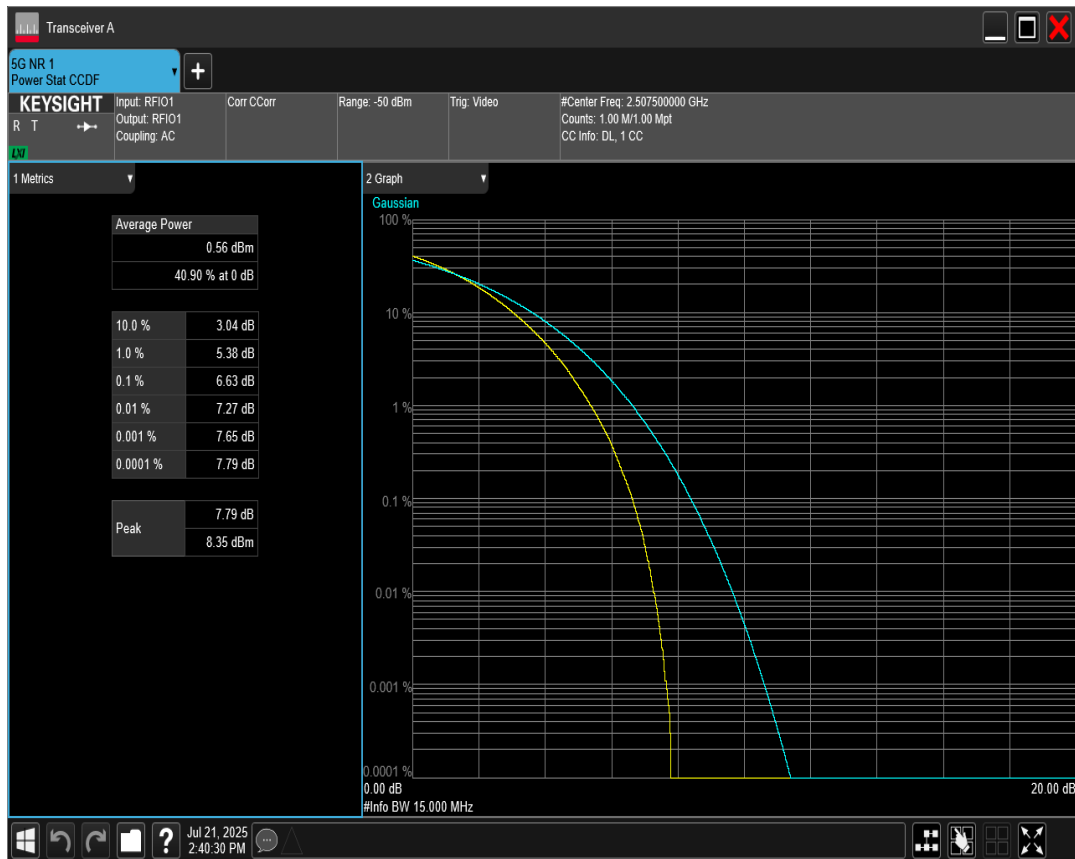


***n7 SCS=15kHz DFT\_BPSK BW=20MHz Channel=502000 RB=100@0***

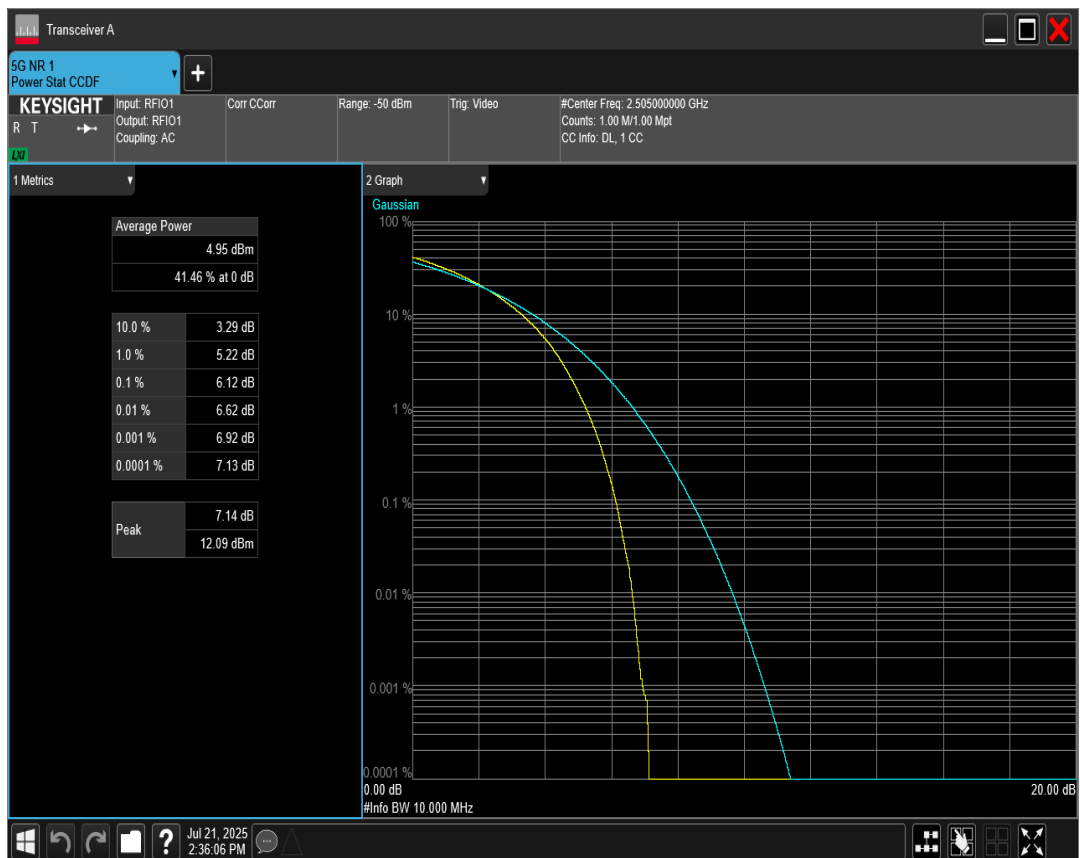


***n7 SCS=15kHz DFT\_BPSK BW=15MHz Channel=501500 RB=75@0***

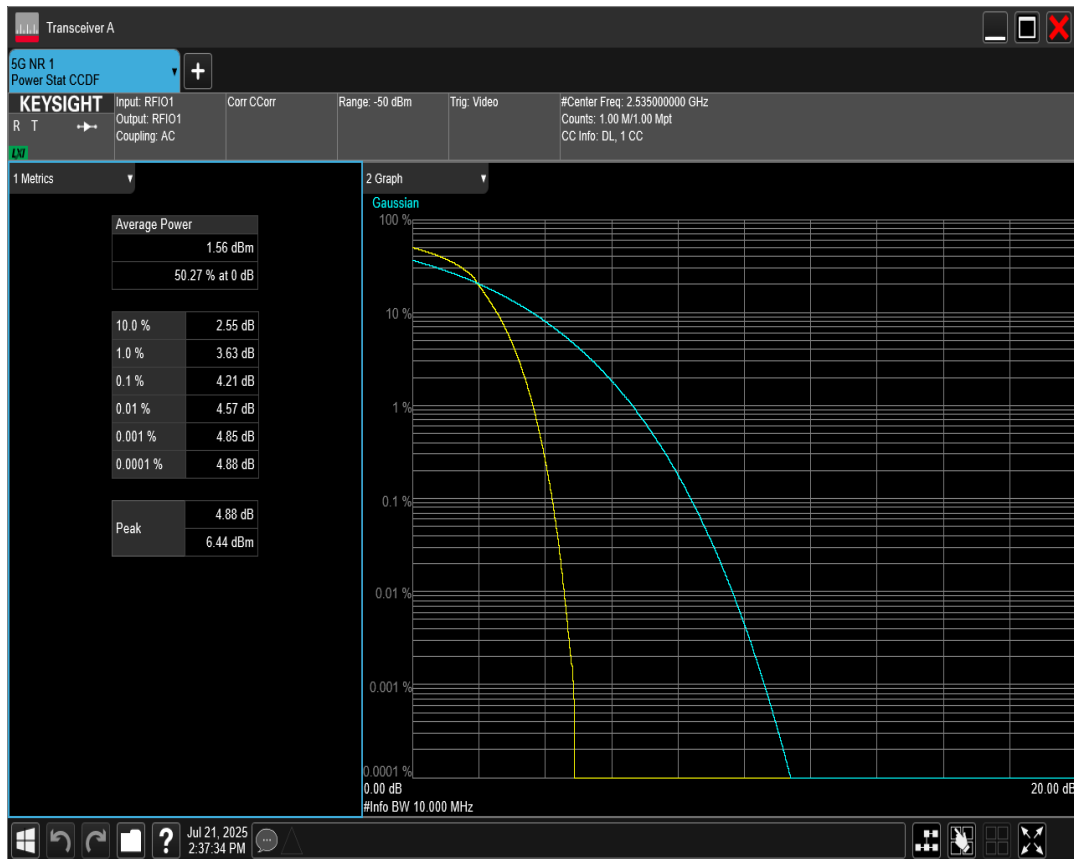




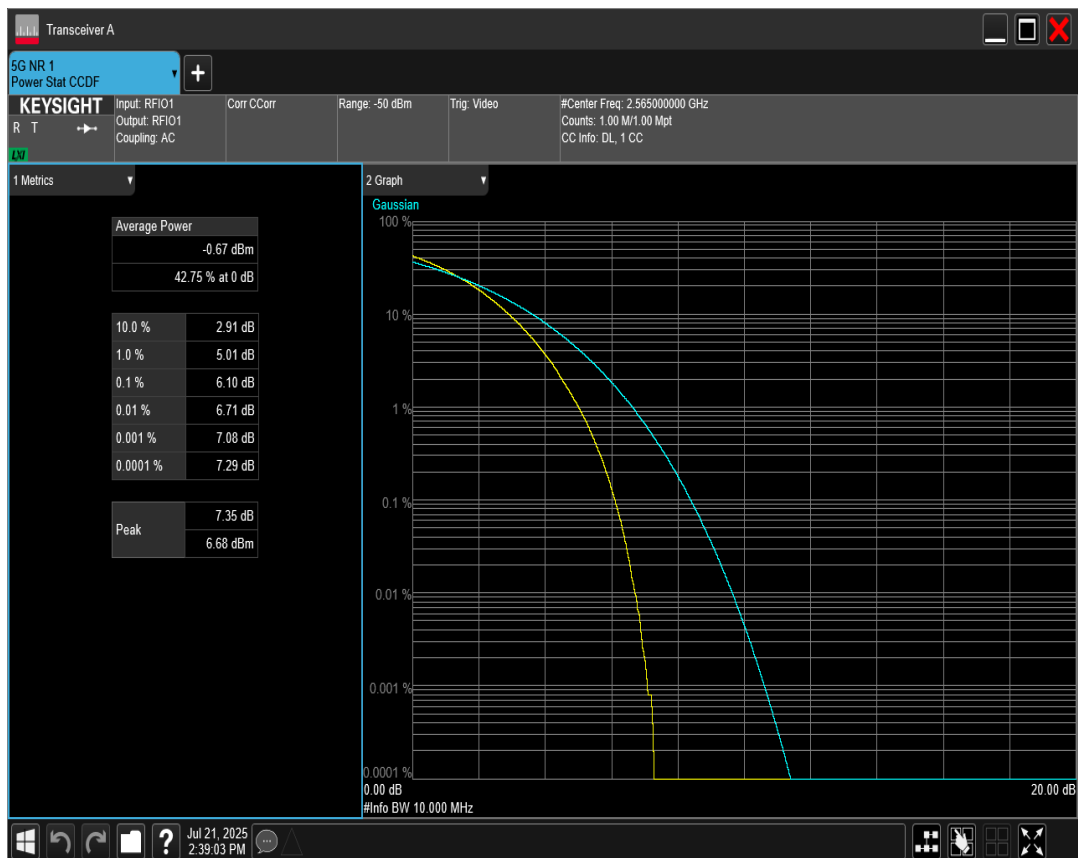
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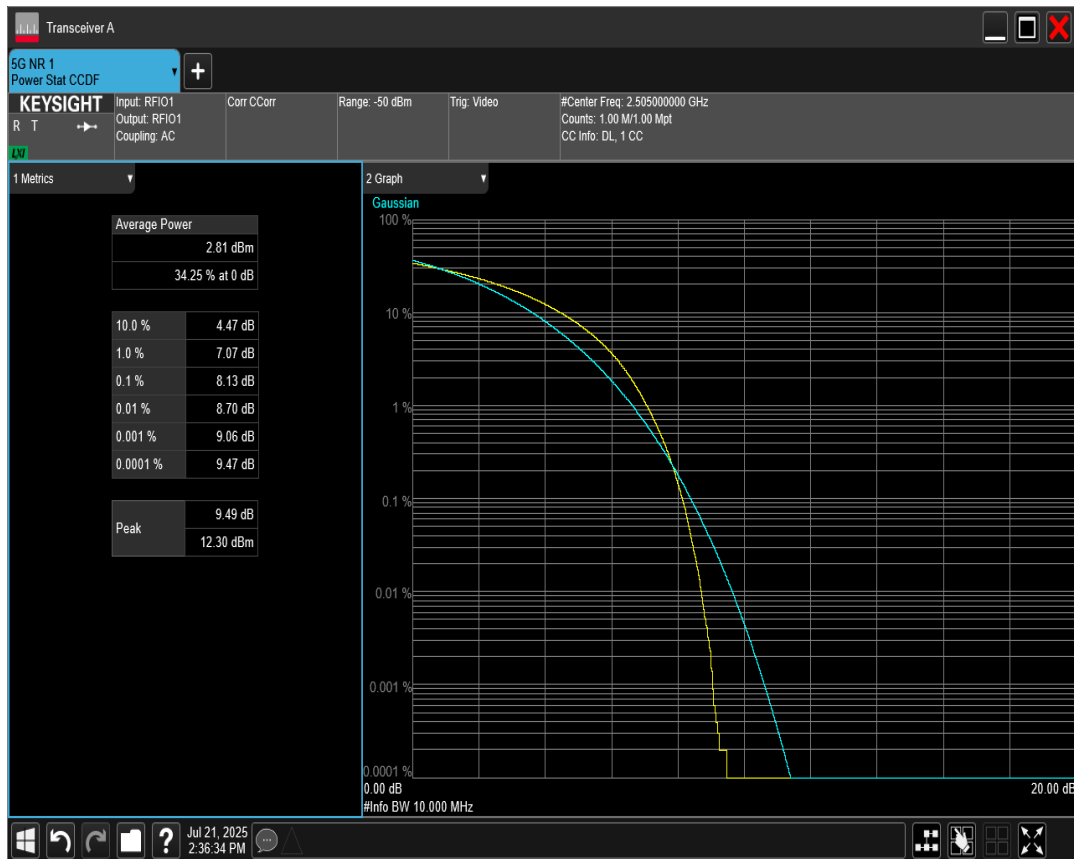
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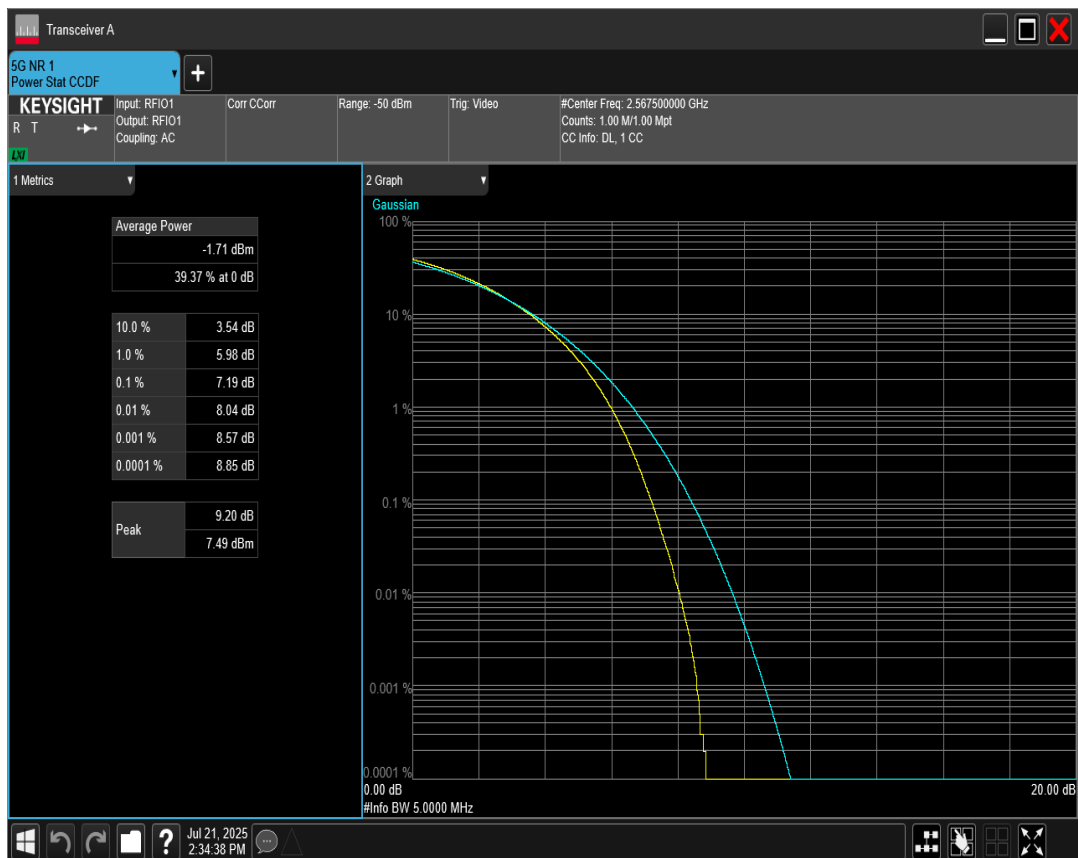
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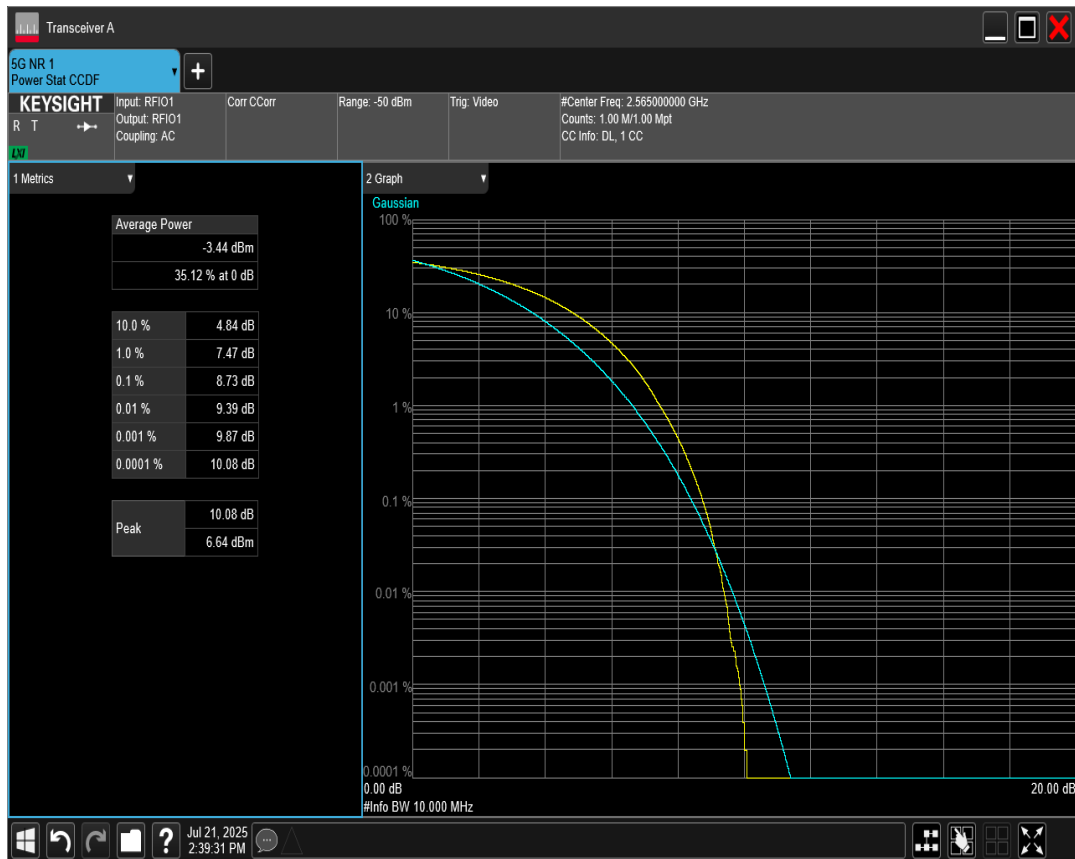
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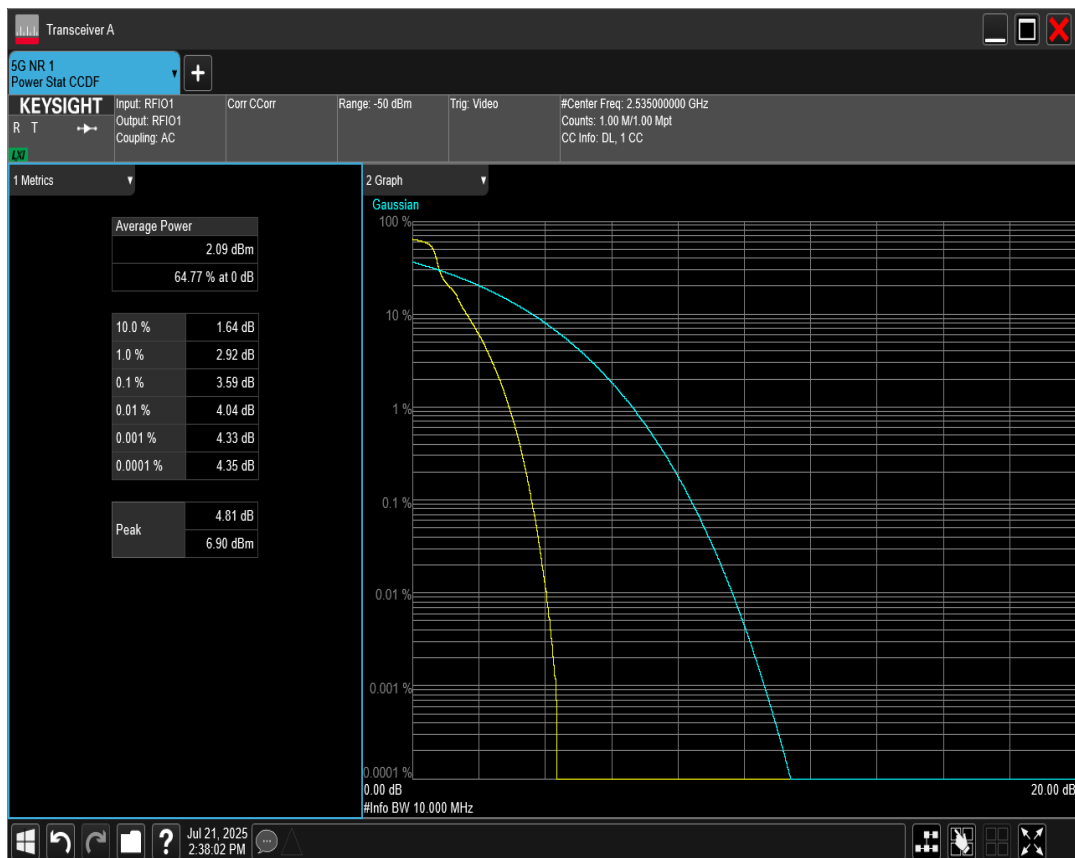
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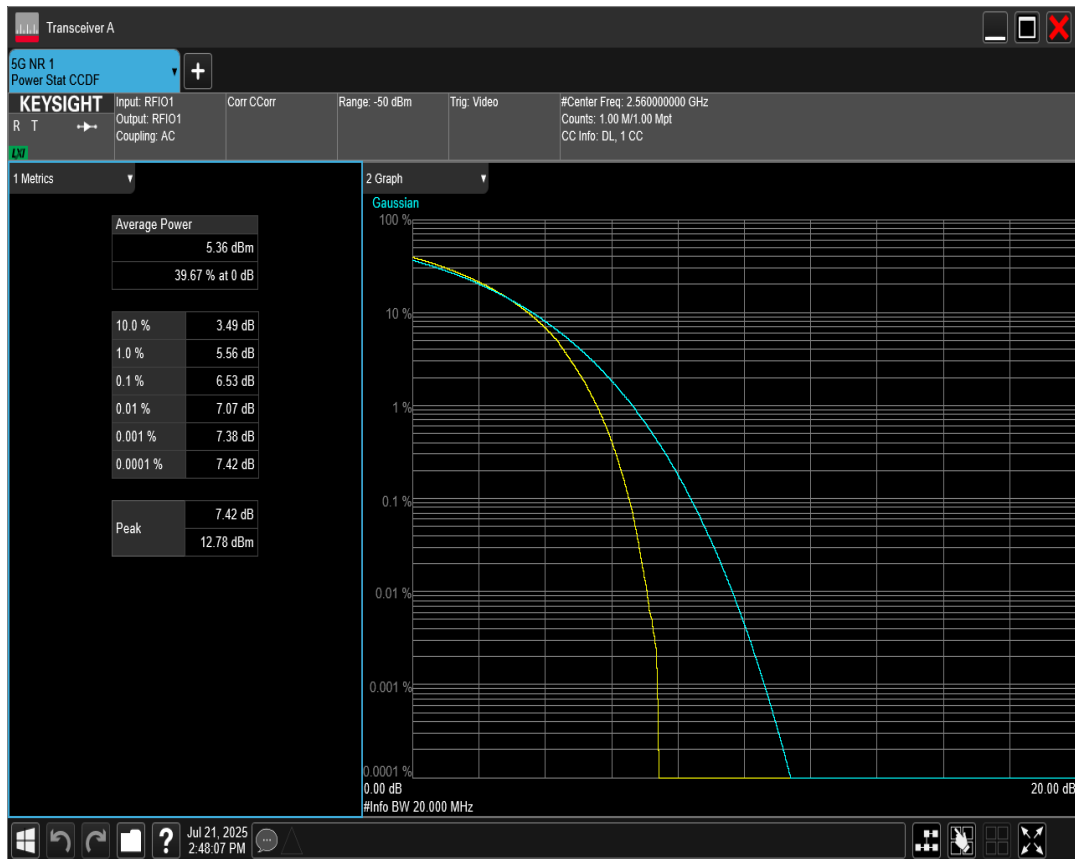
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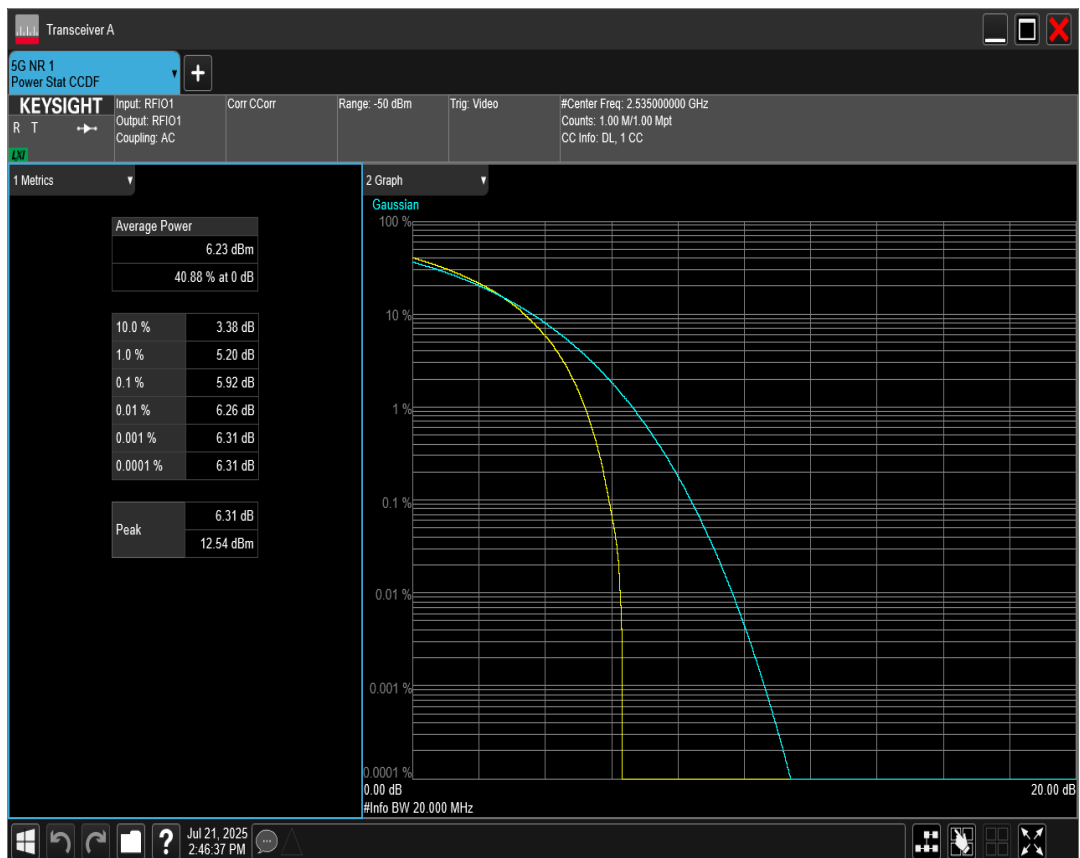
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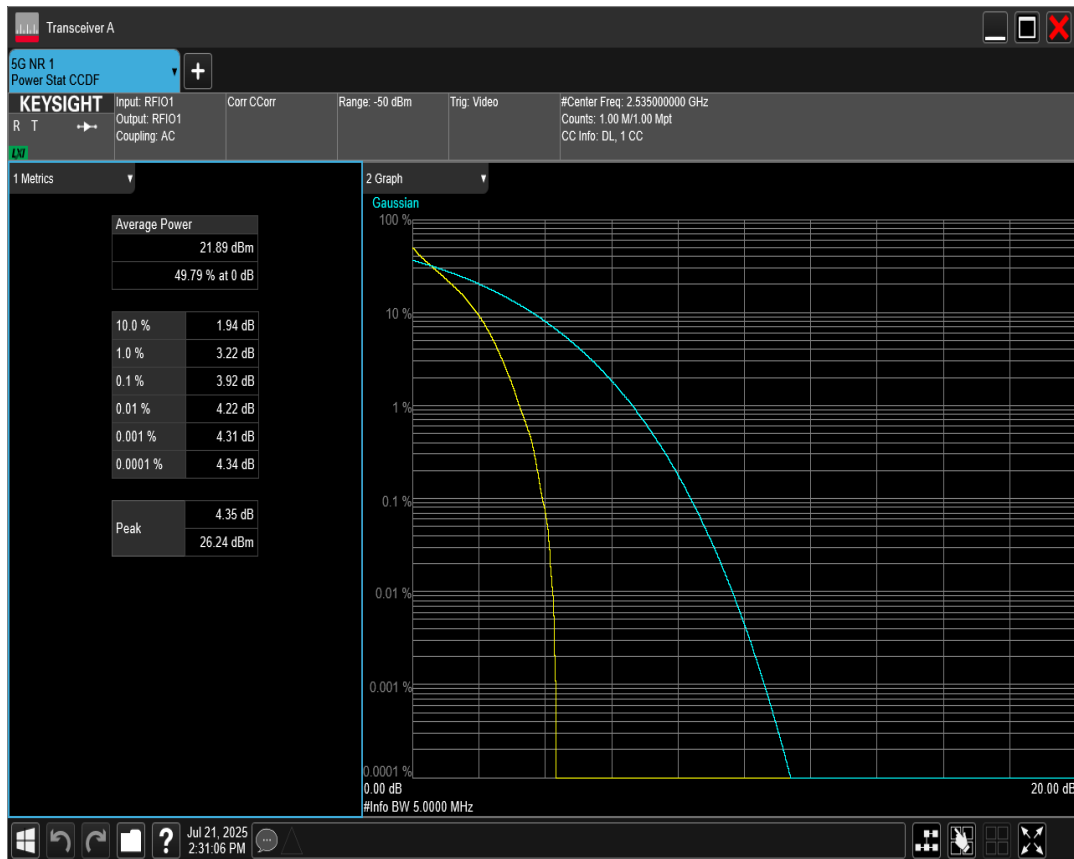
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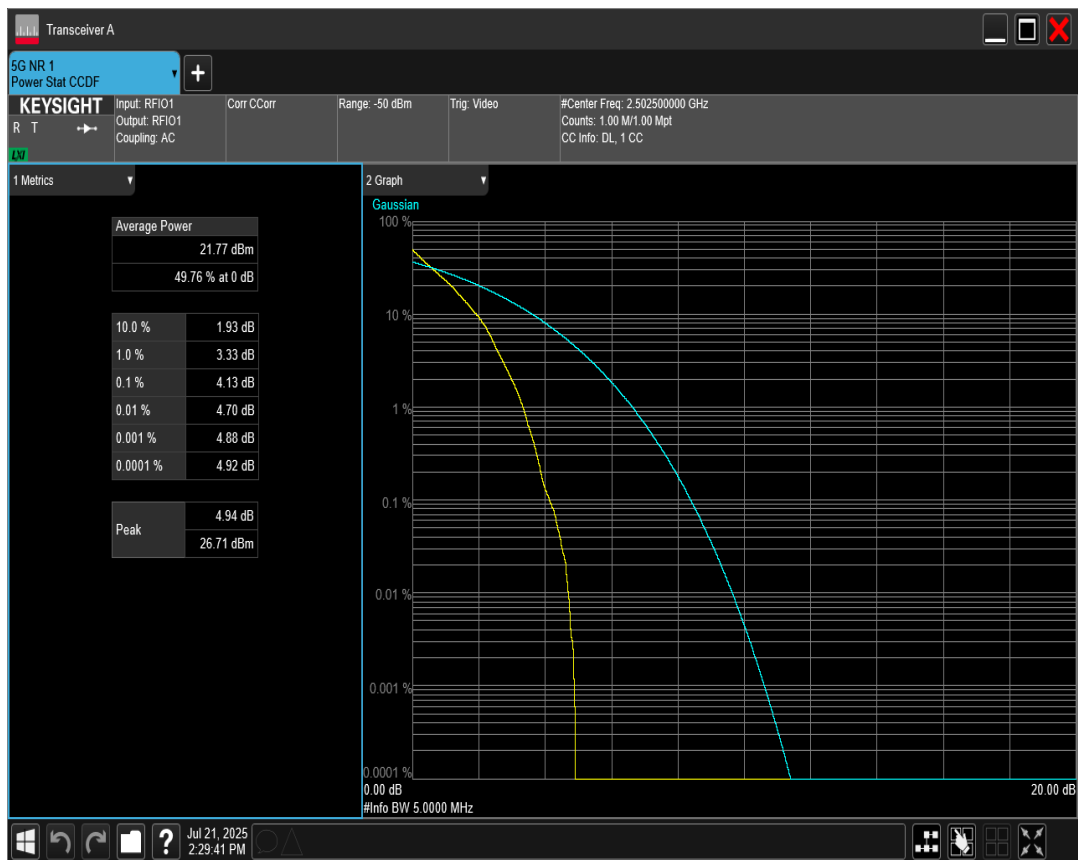
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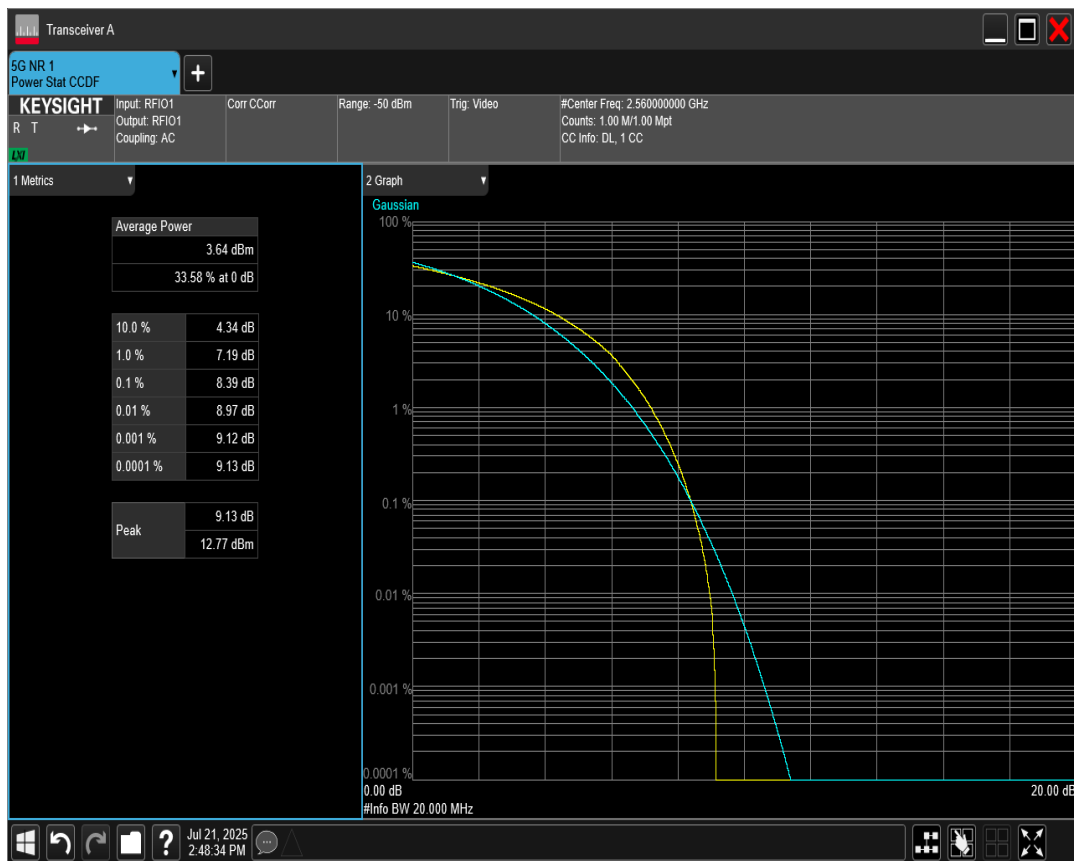
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***n7 SCS=15kHz DFT\_BPSK BW=5MHz Channel=500500 RB=25@0***



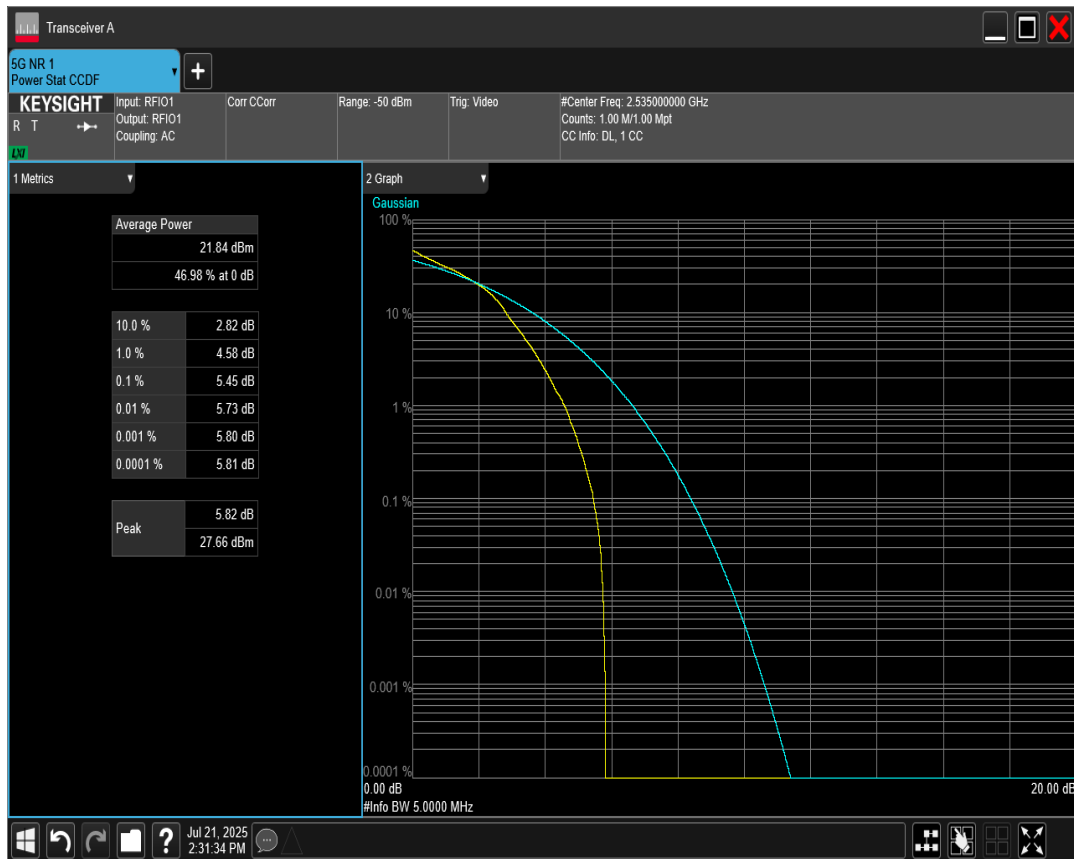
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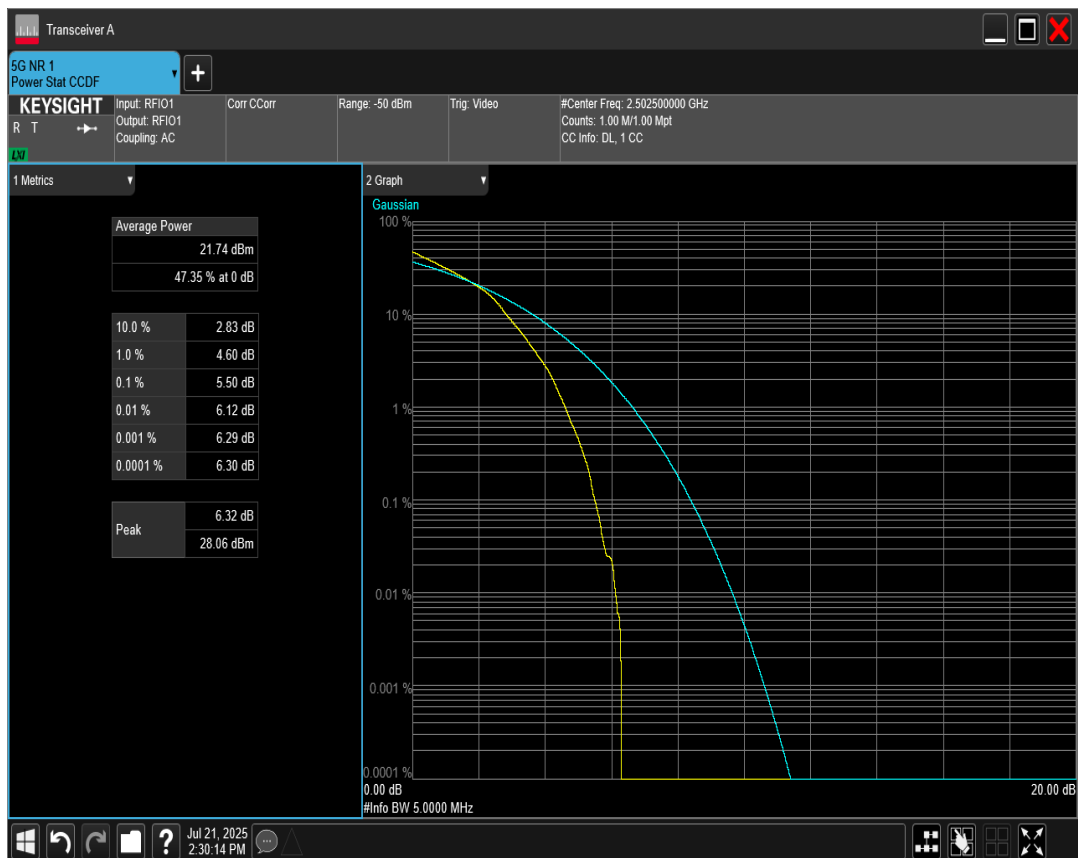
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*n7 SCS=15kHz DFT\_QAM16 BW=5MHz Channel=507000 RB=25@0*

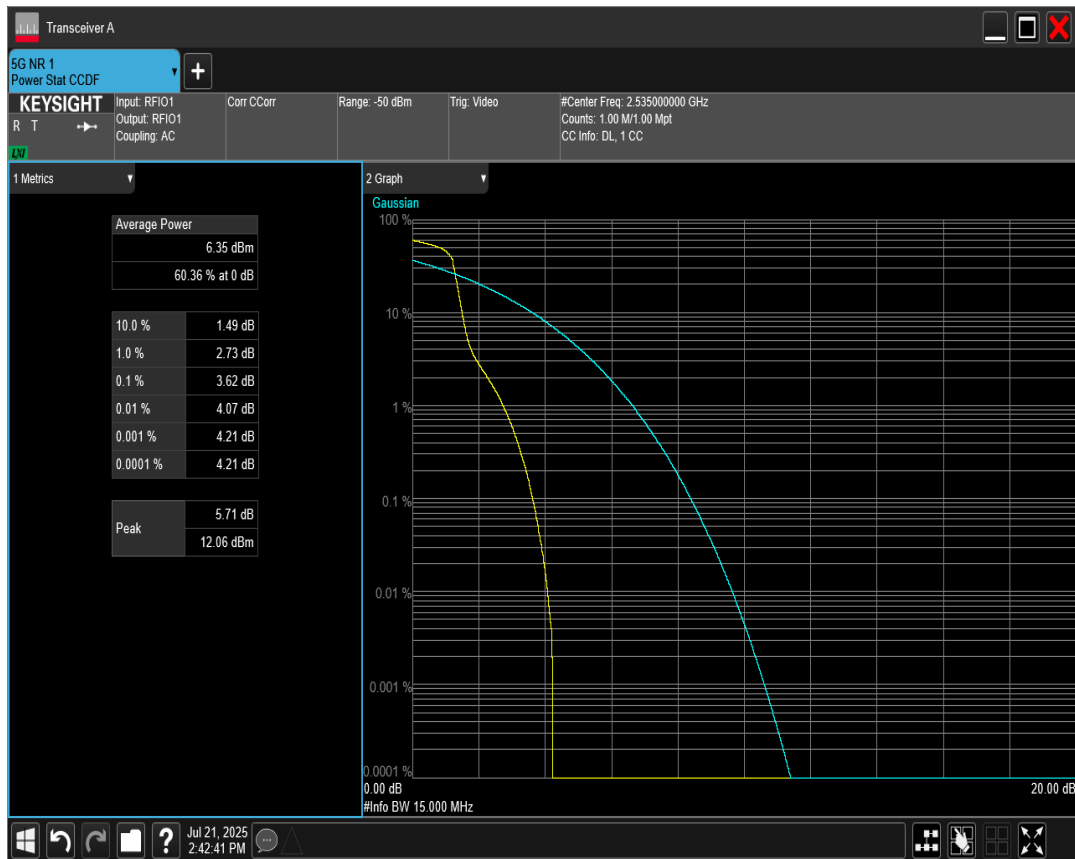


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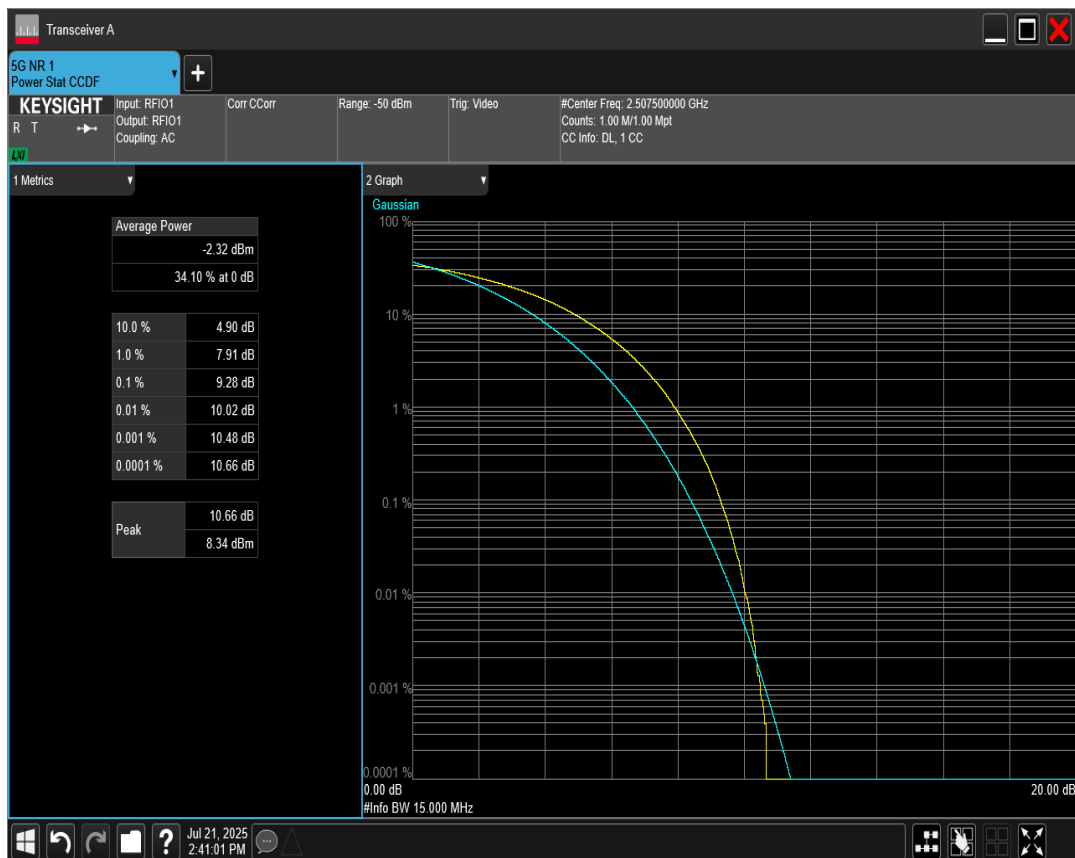


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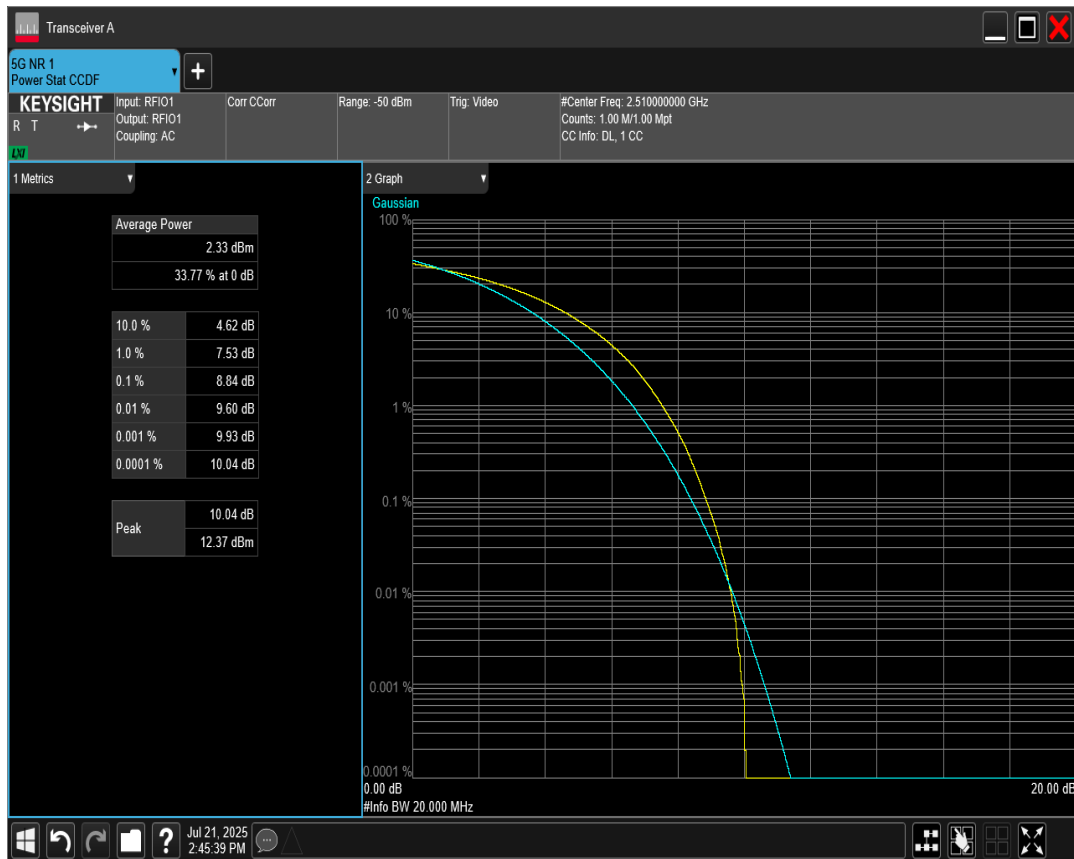




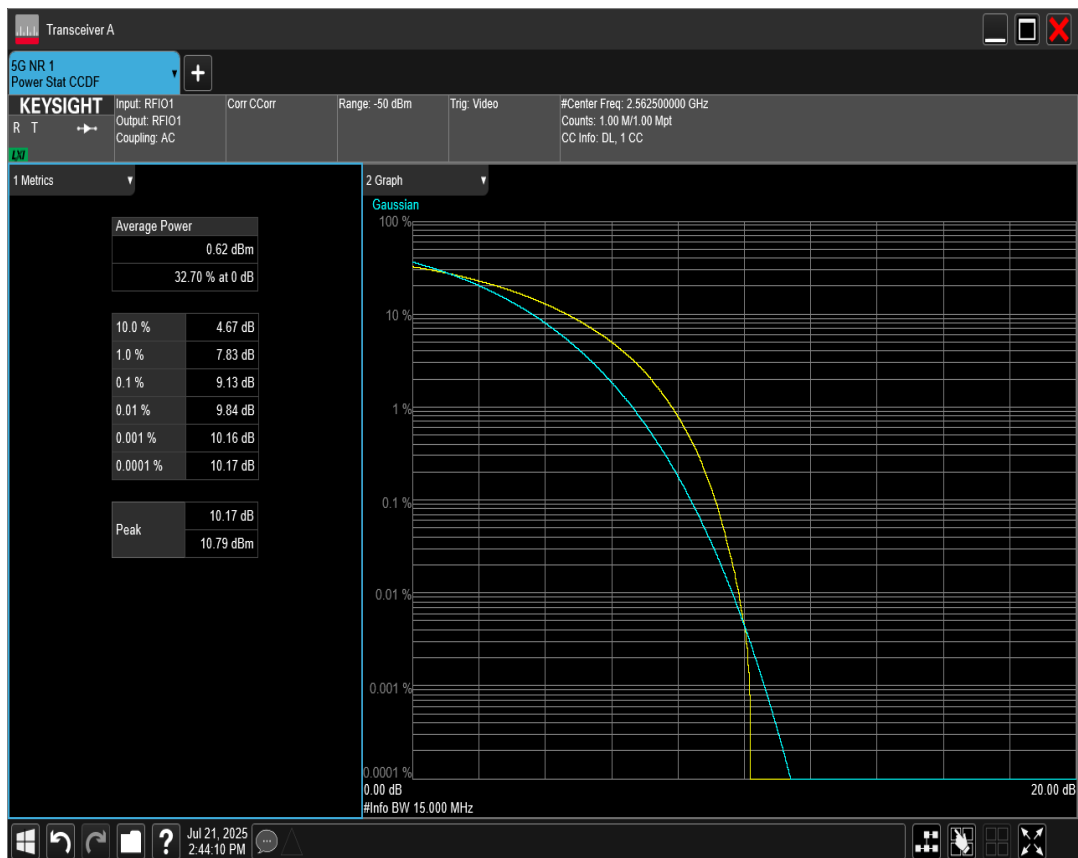
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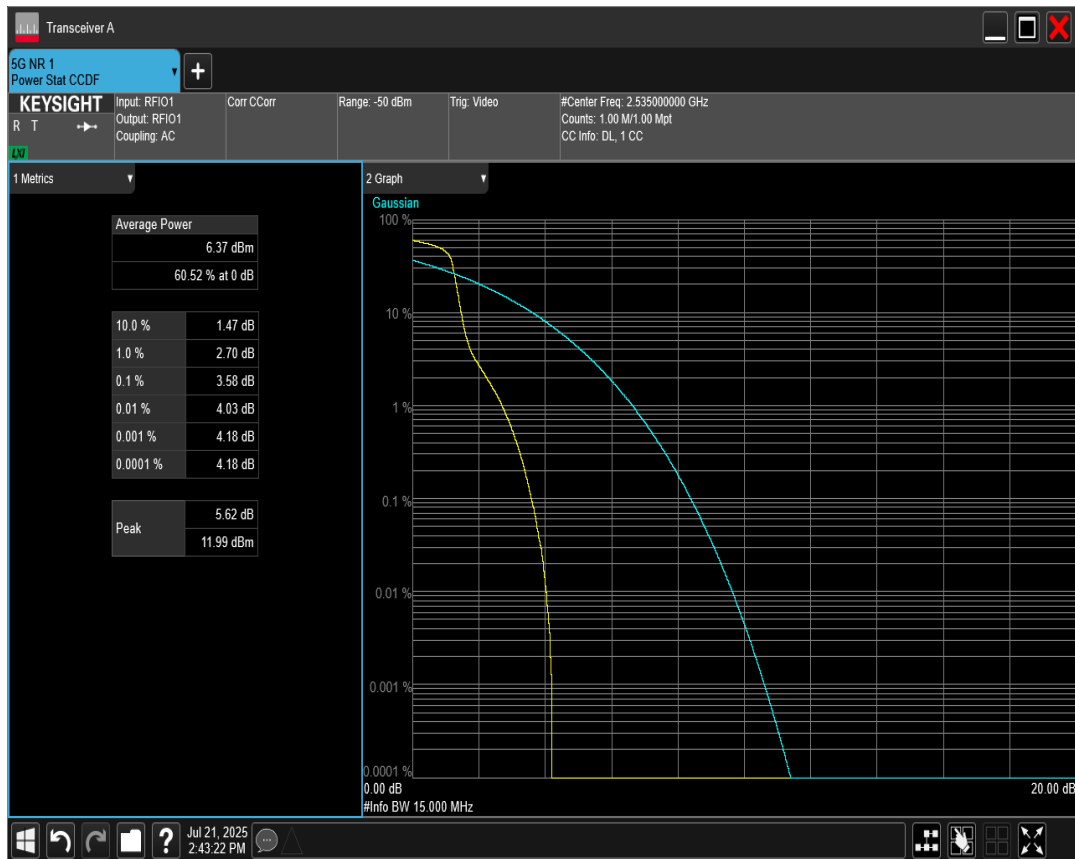
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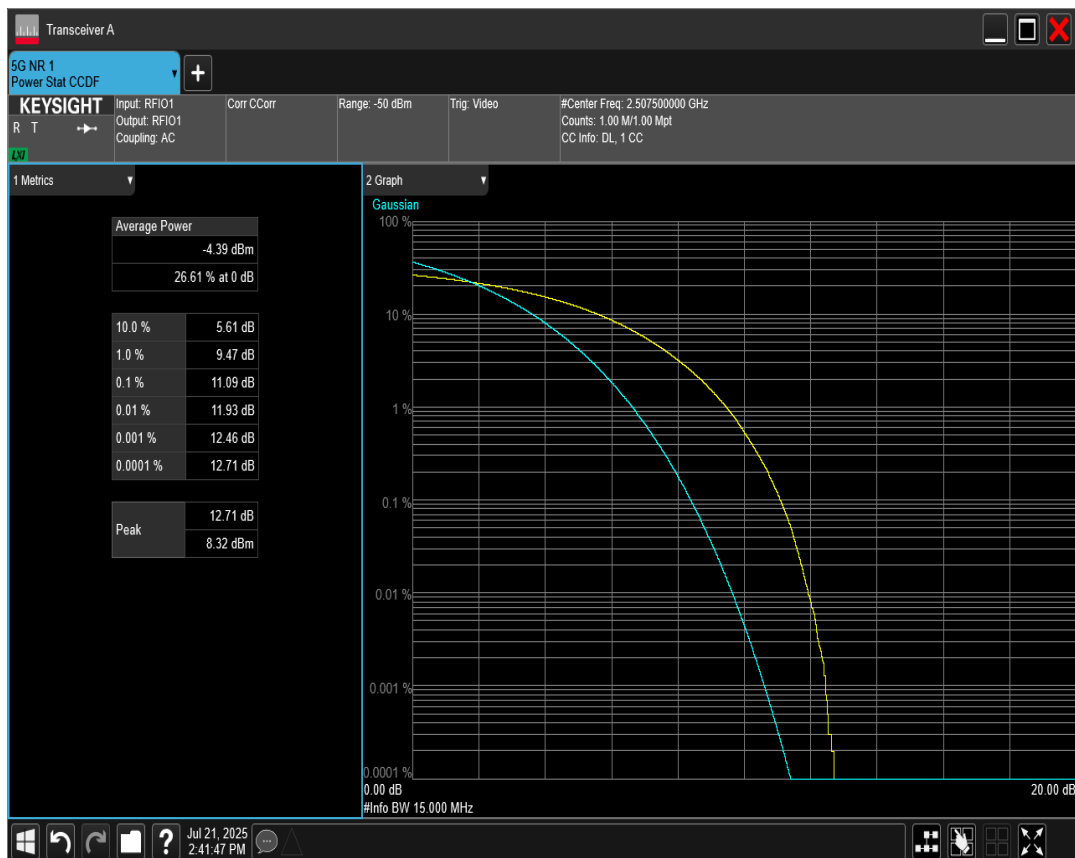
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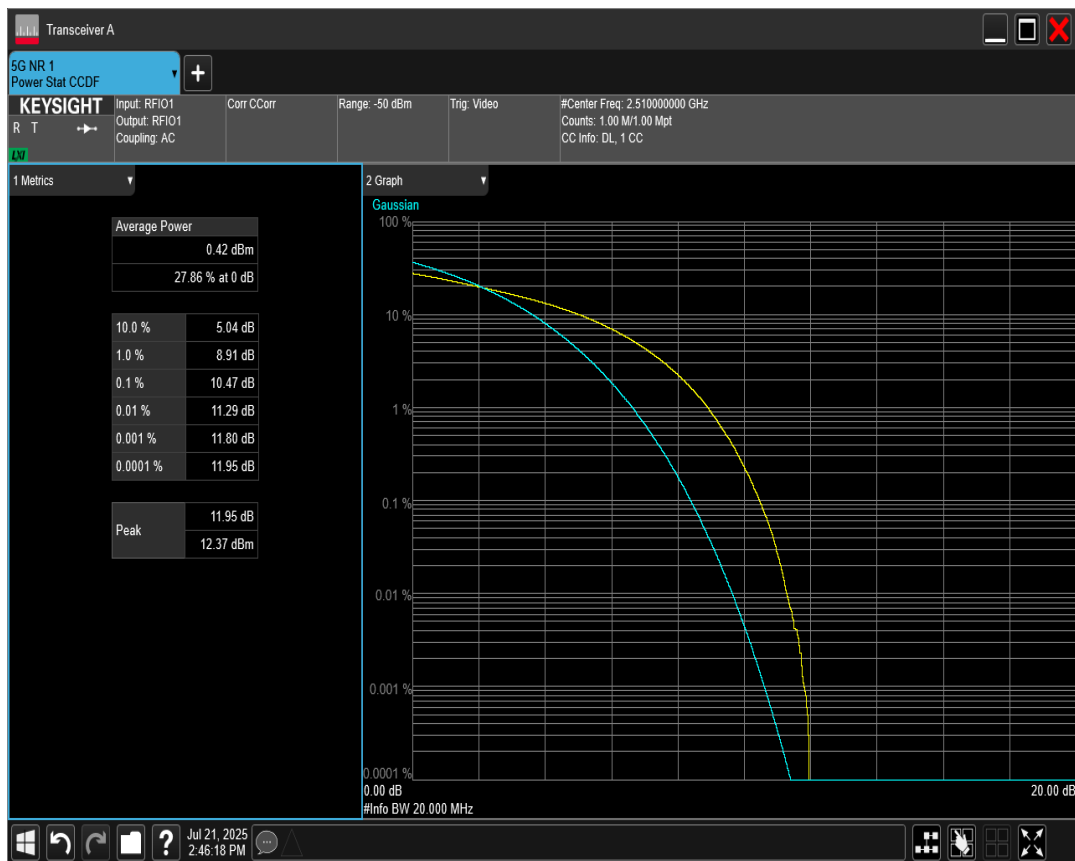
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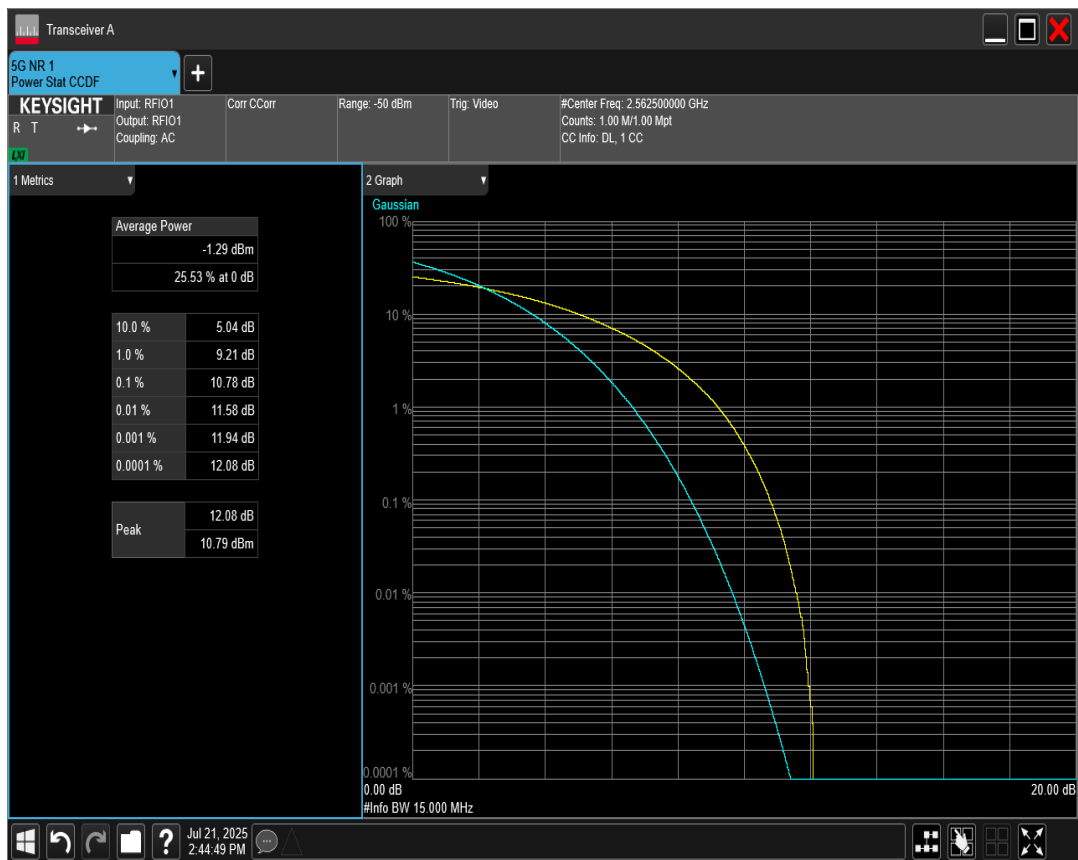
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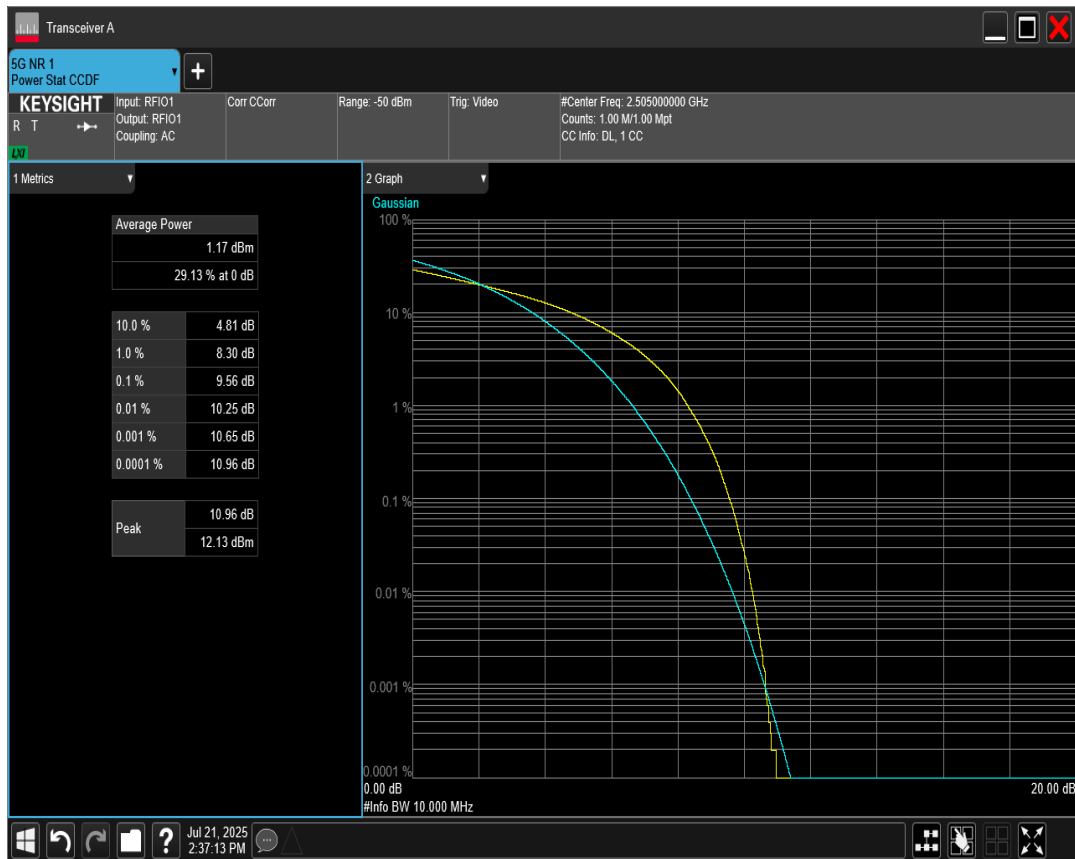
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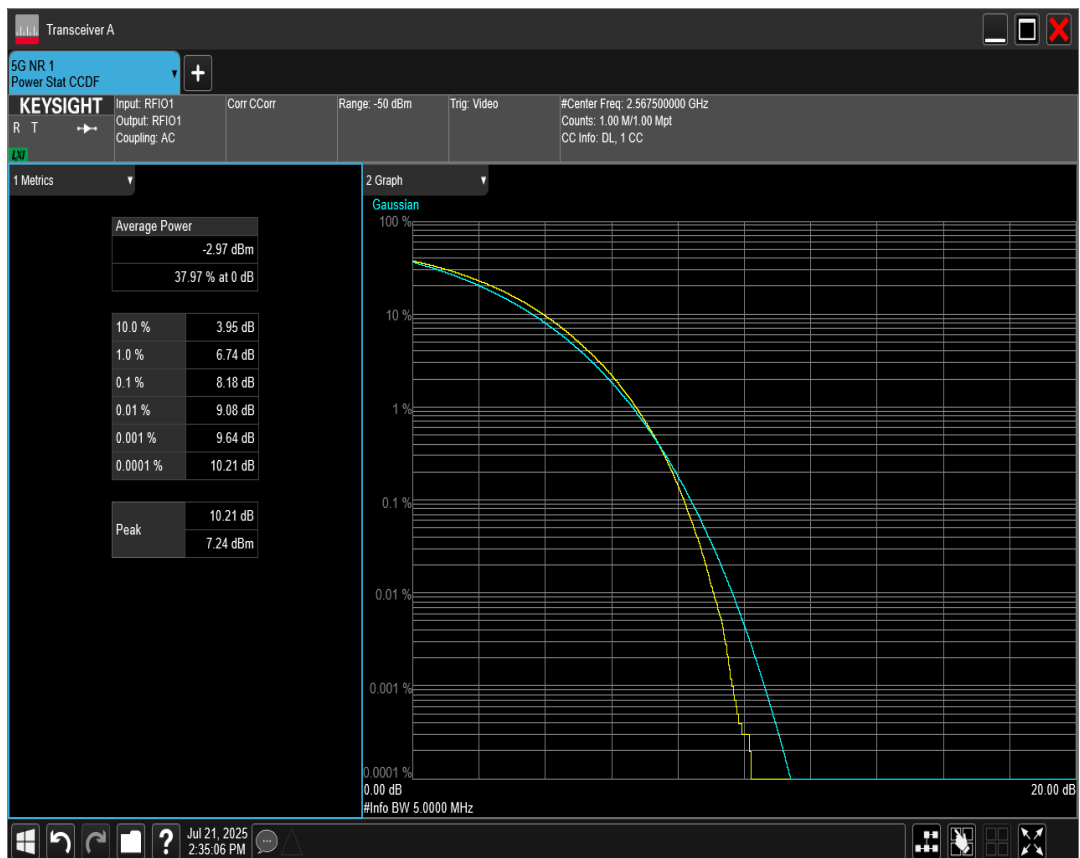
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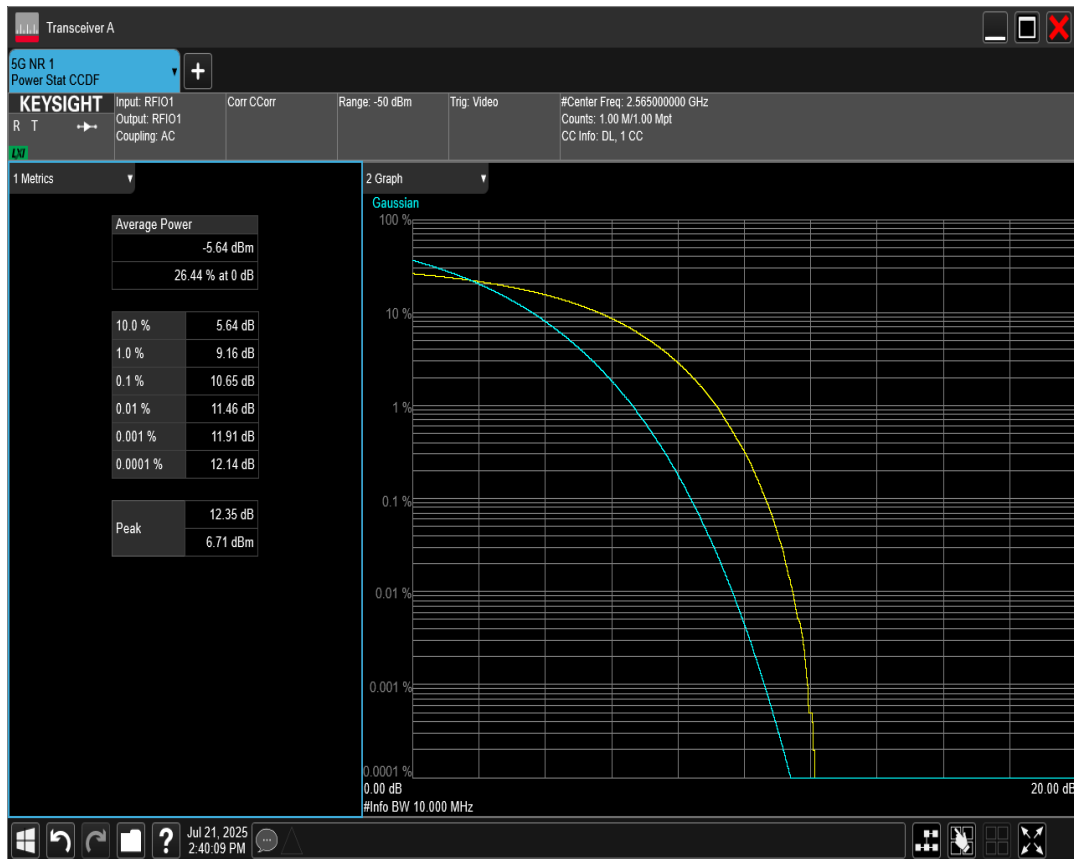
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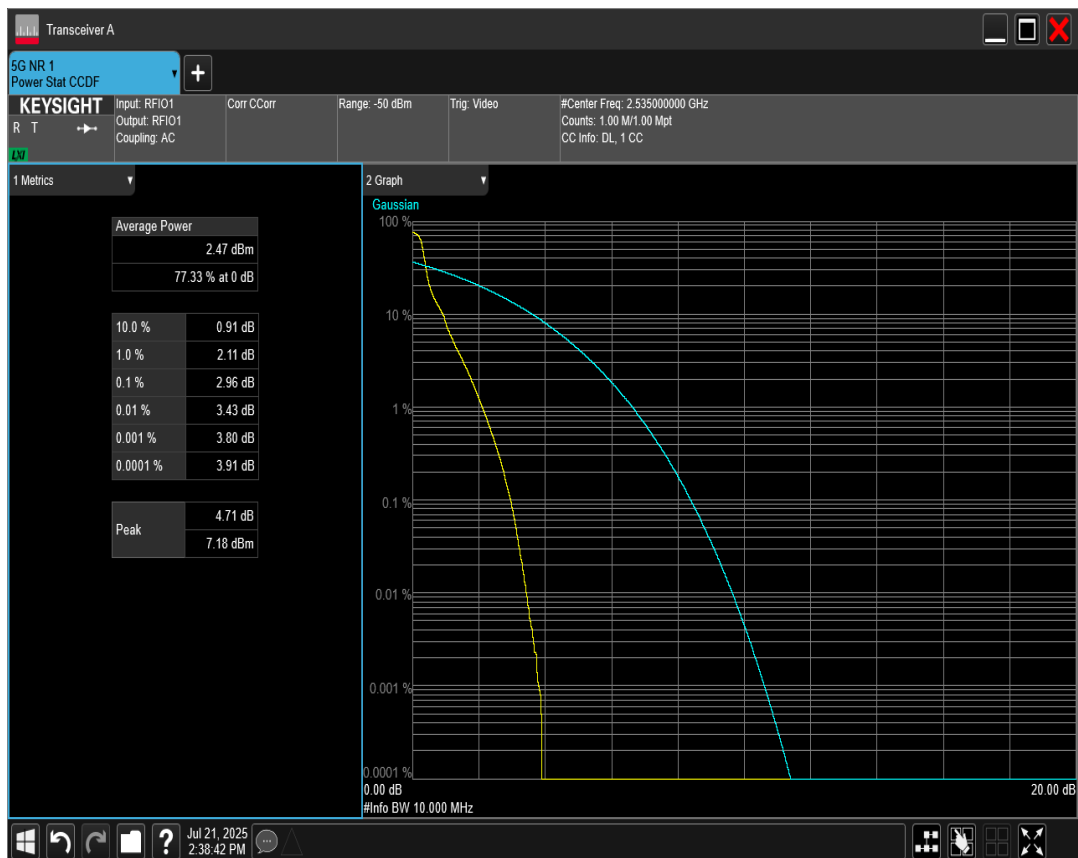
***n7 SCS=15kHz DFT\_QAM16 BW=5MHz Channel=513500 RB=25@0***



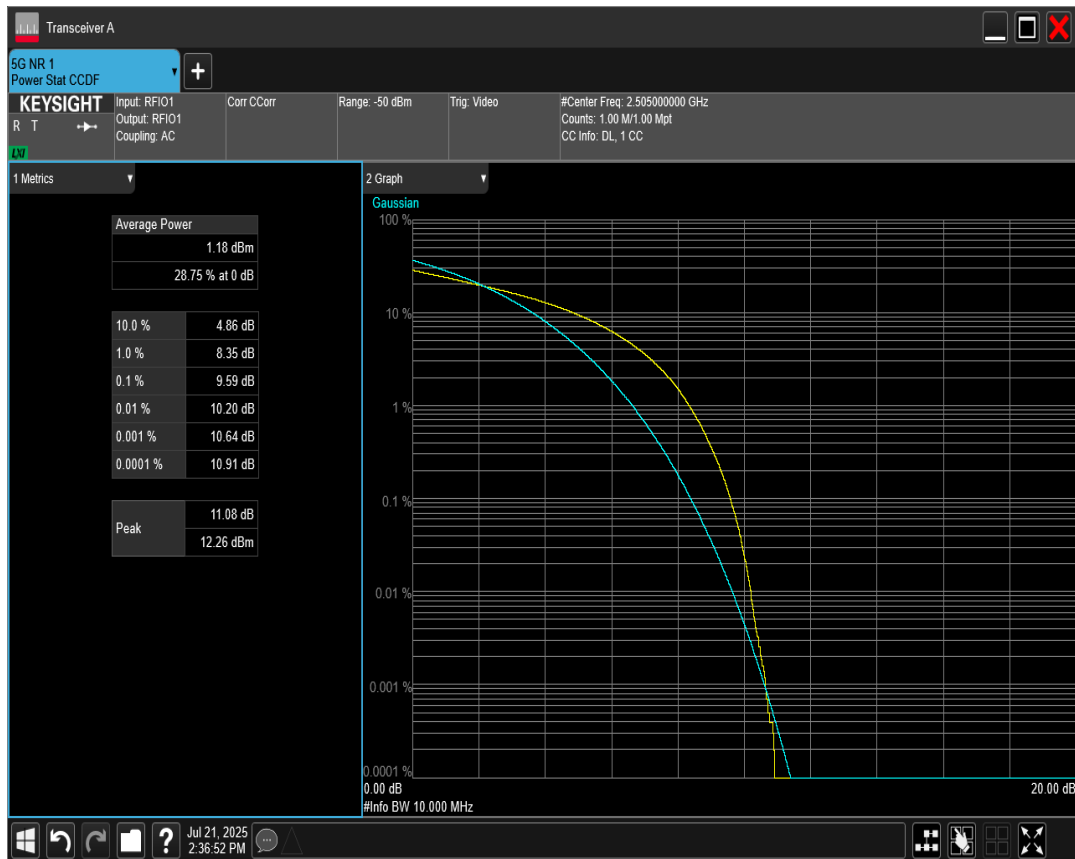
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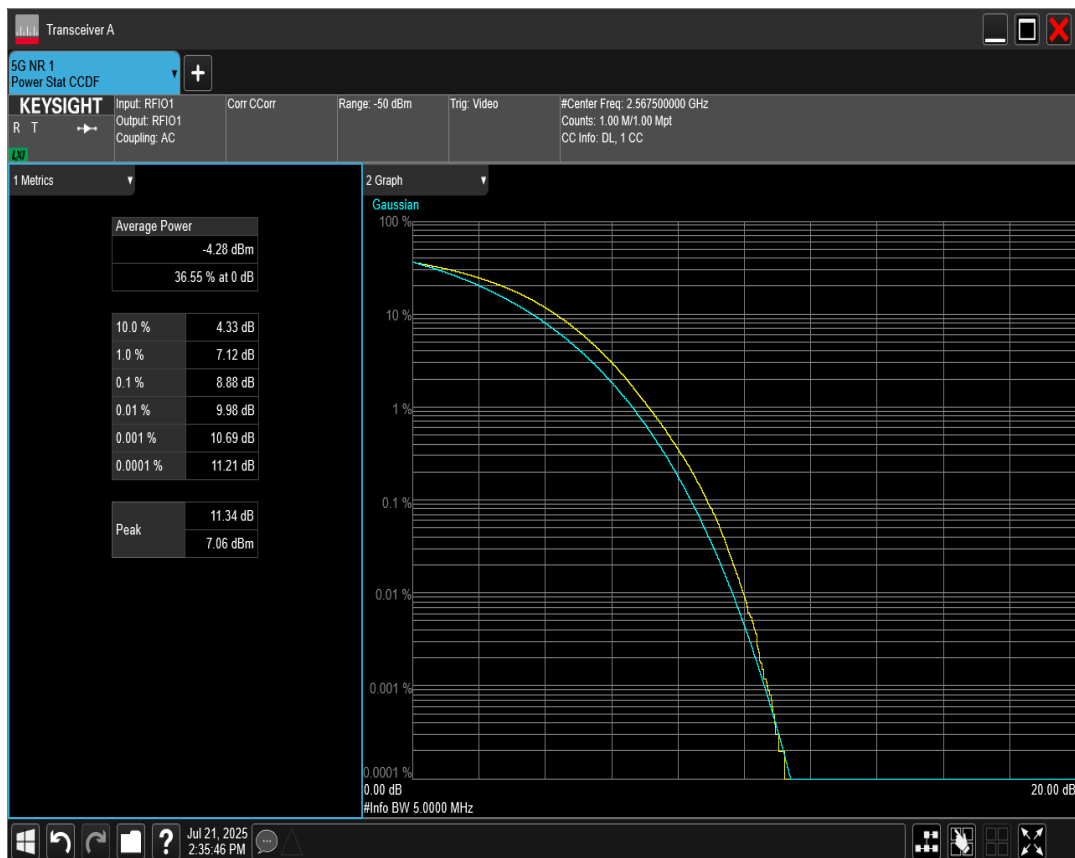
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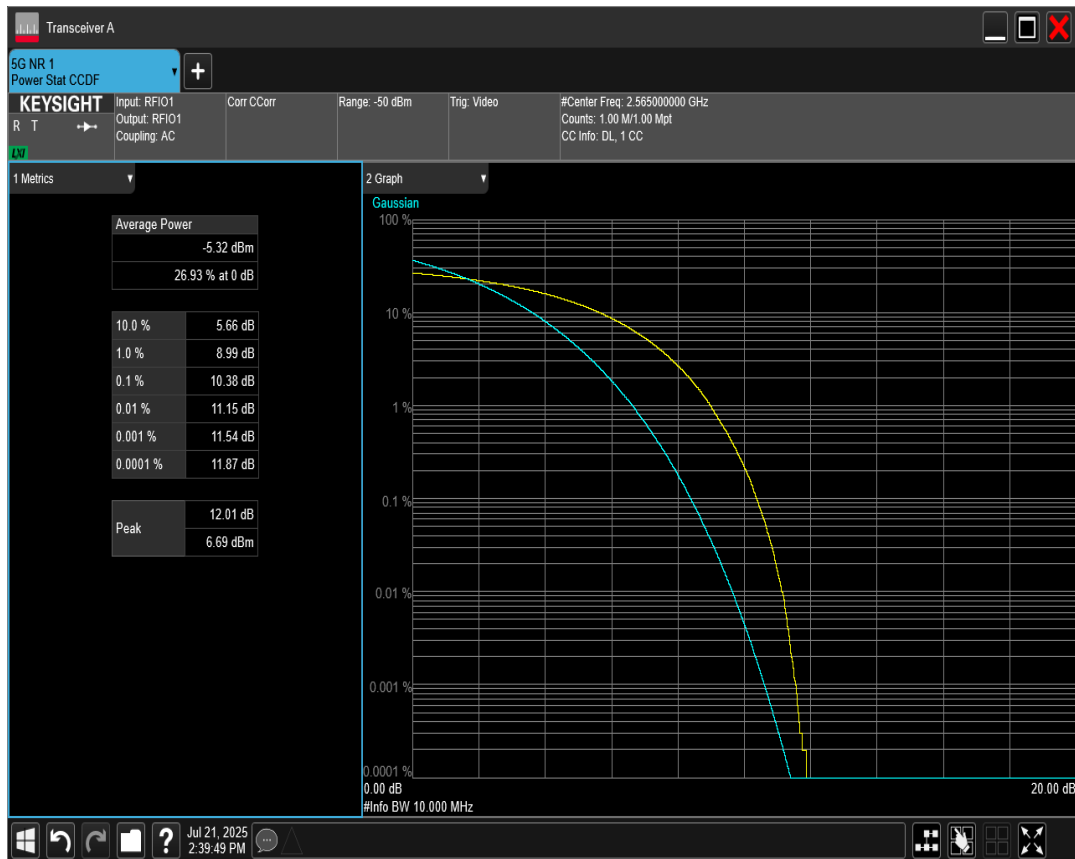
***n7 SCS=15kHz DFT\_QAM64 BW=10MHz Channel=501000 RB=50@0***



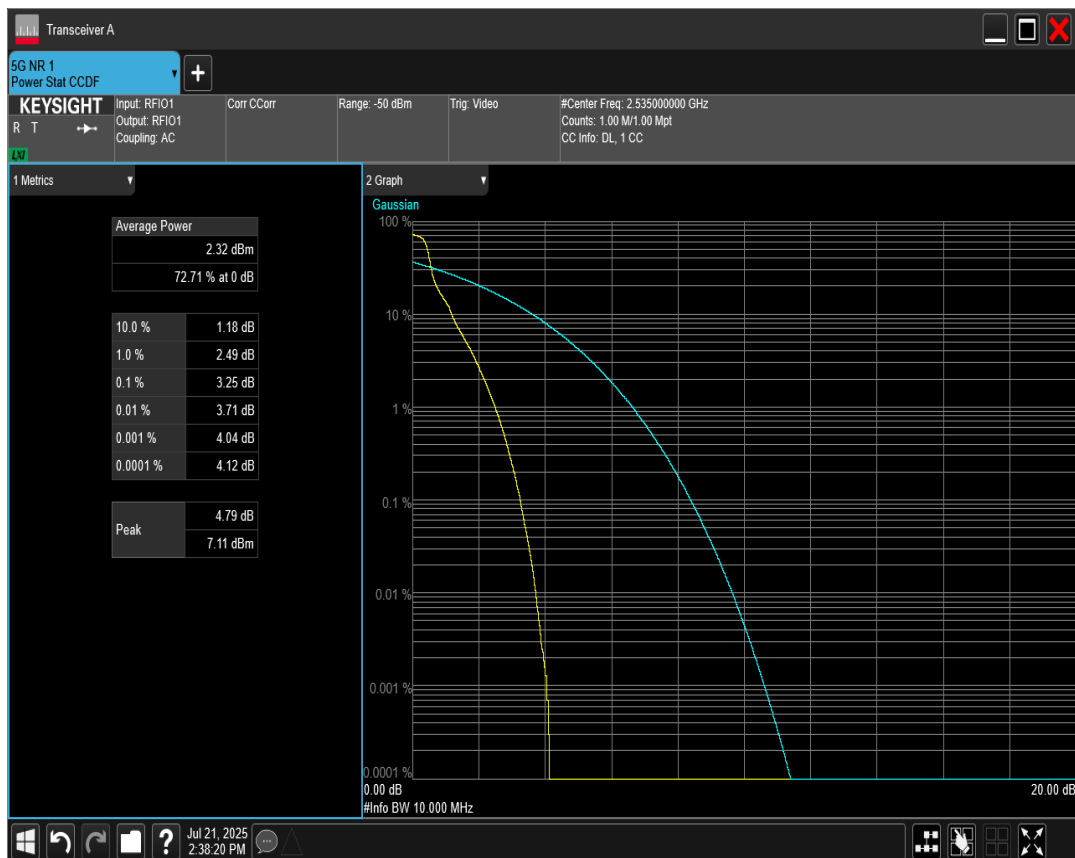
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***n7 SCS=15kHz DFT\_QAM64 BW=10MHz Channel=513000 RB=50@0***

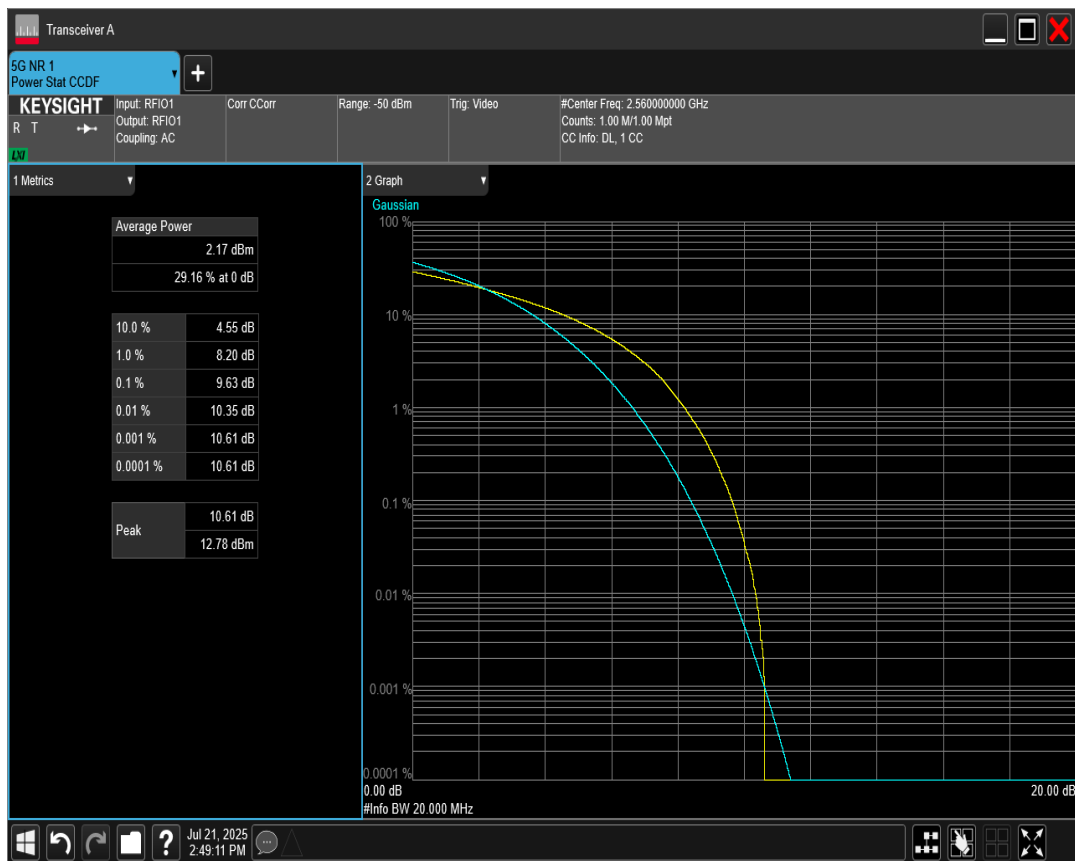


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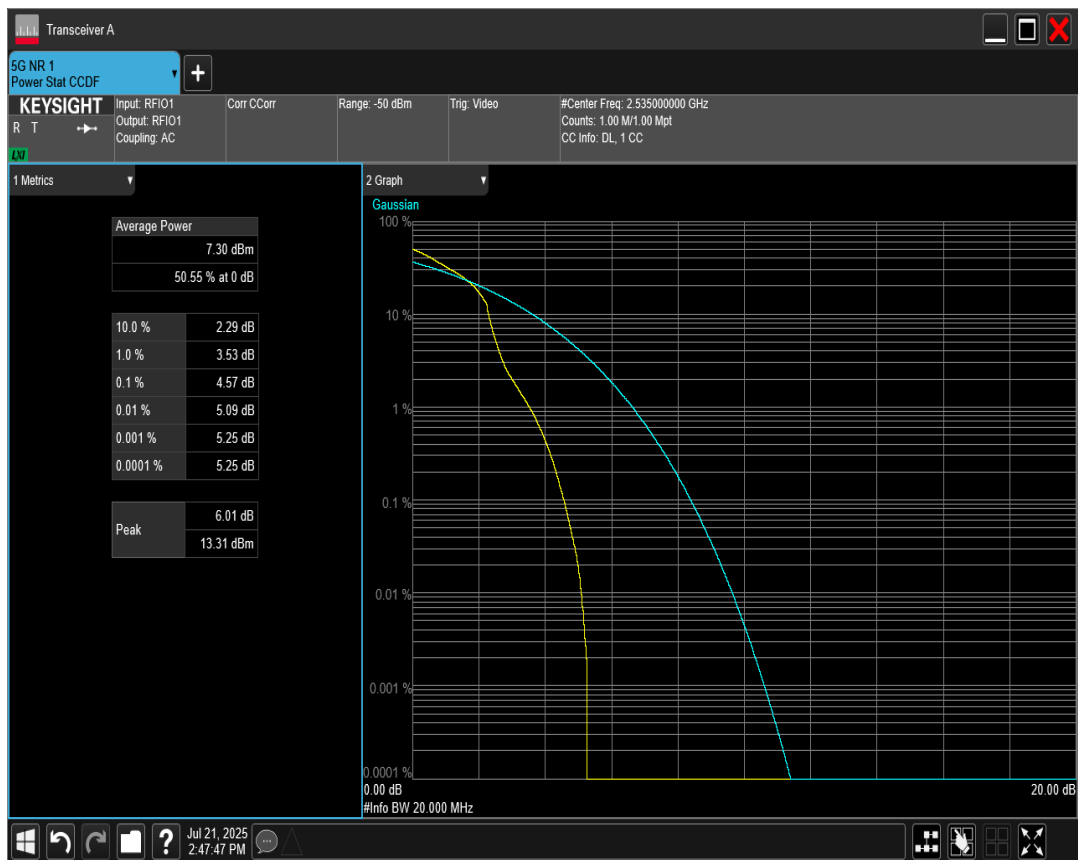


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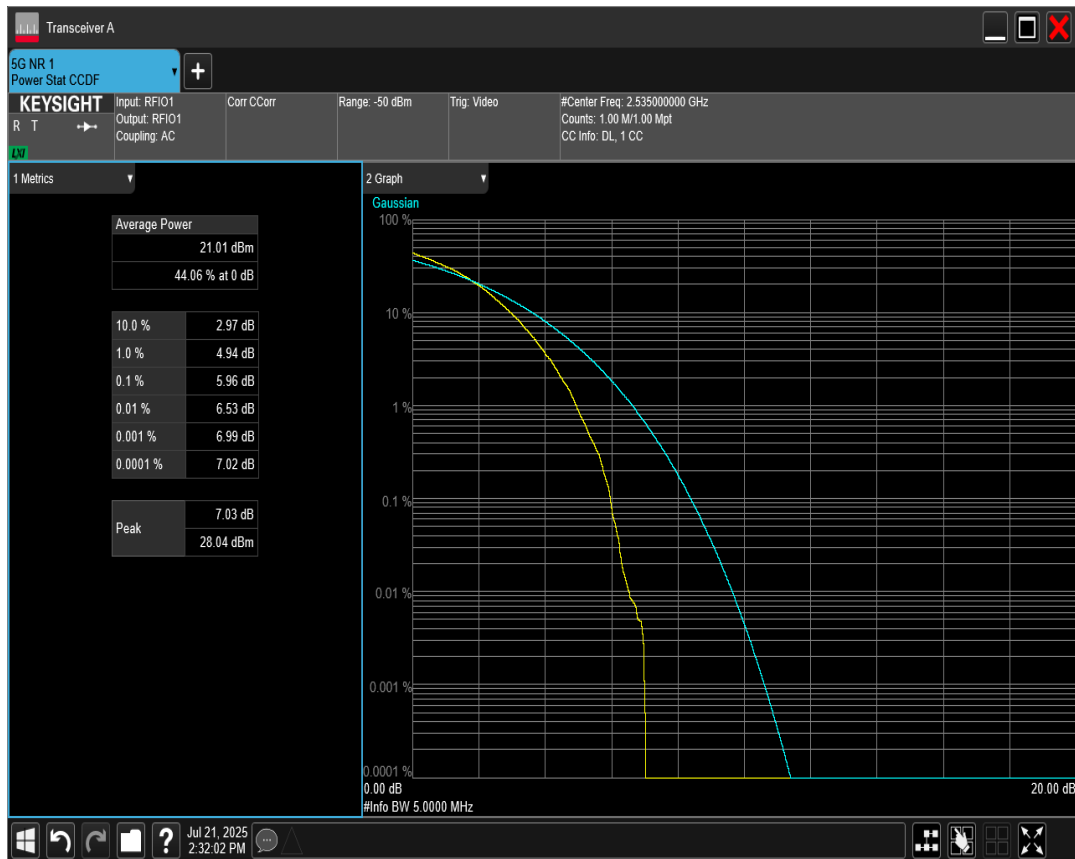




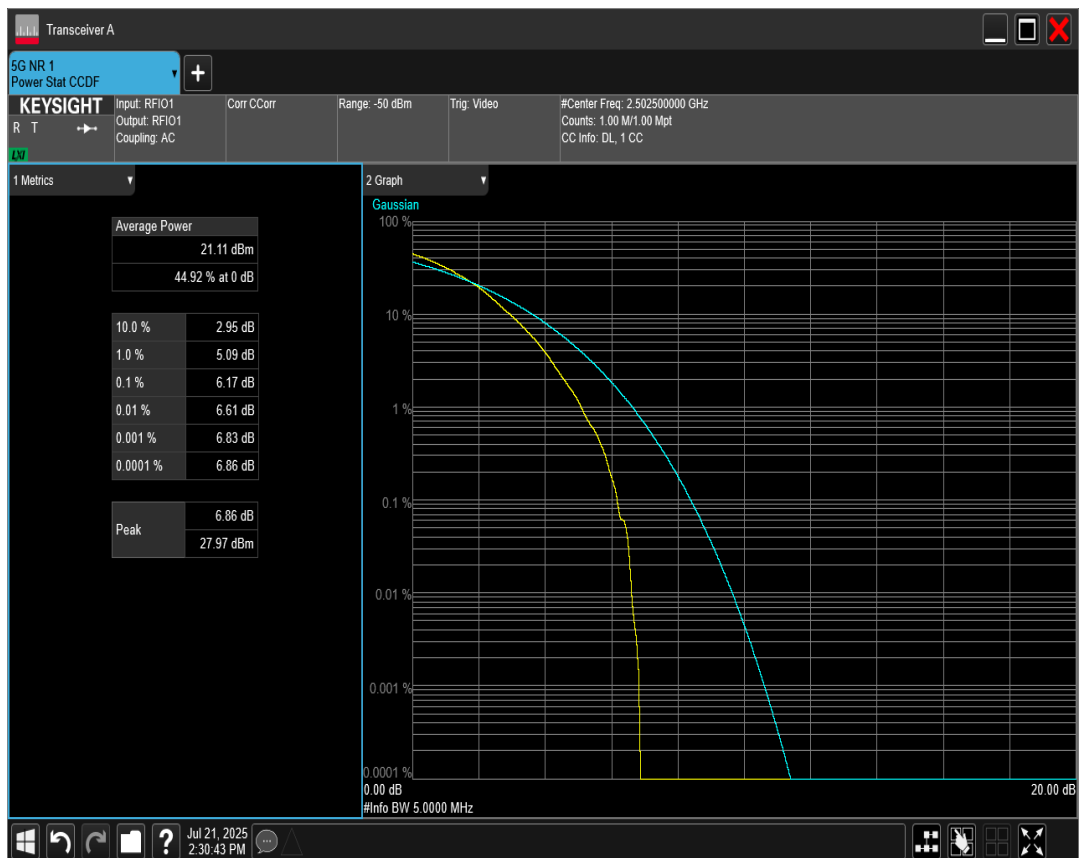
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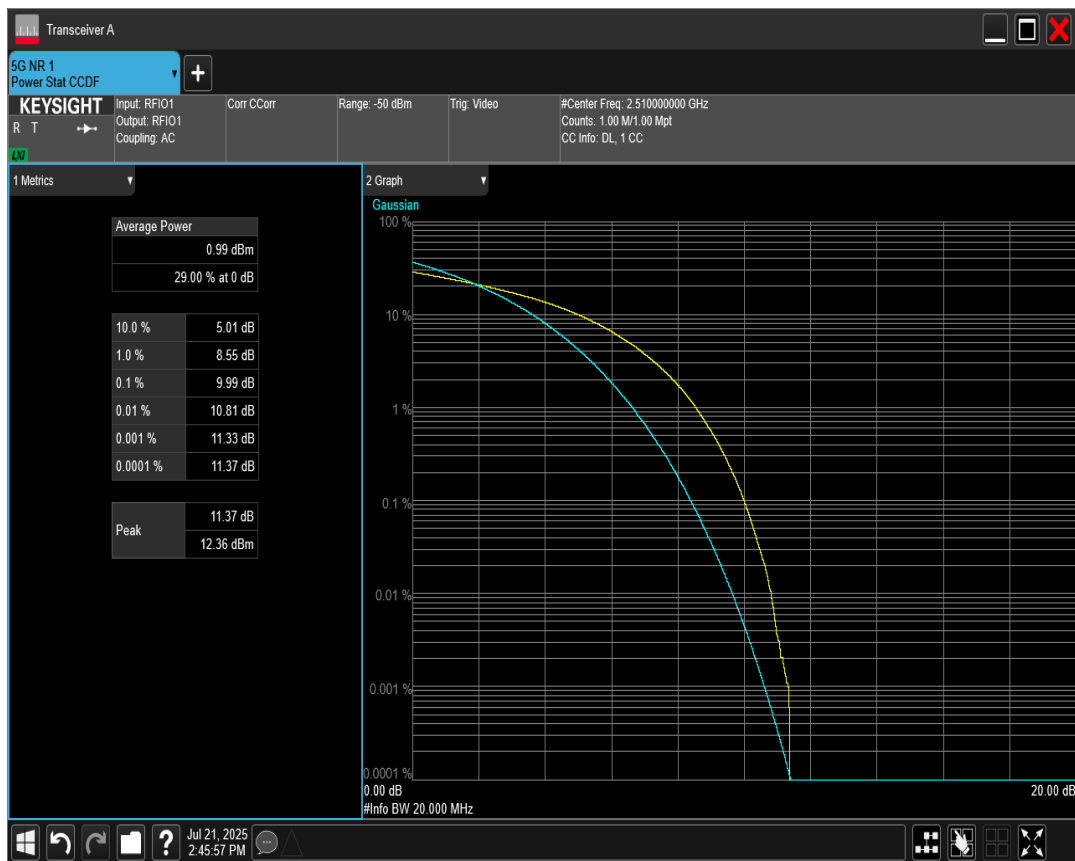
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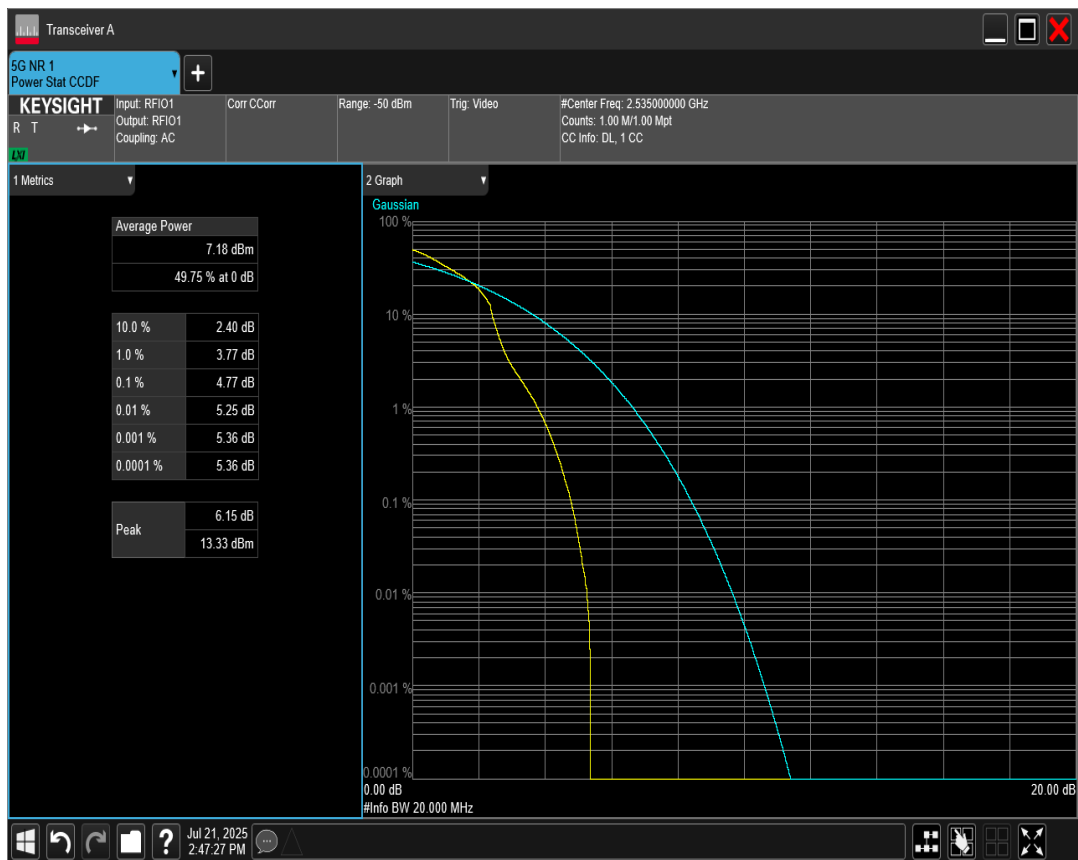
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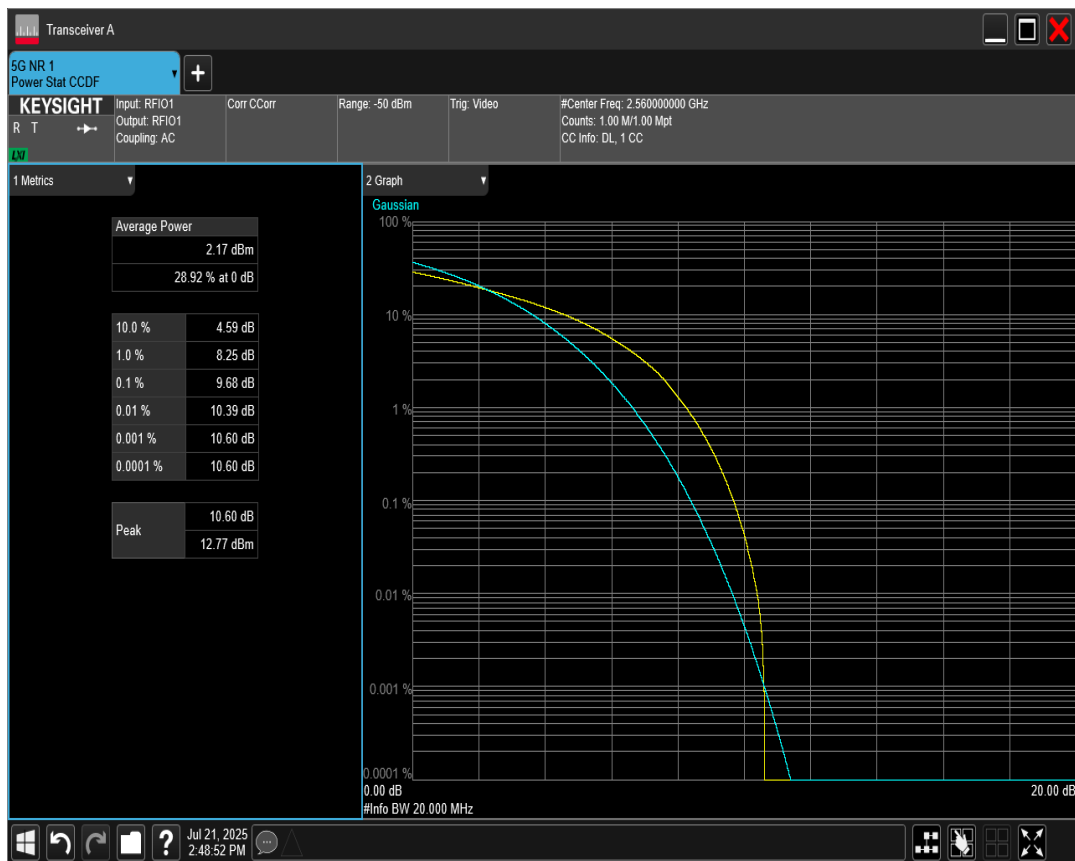
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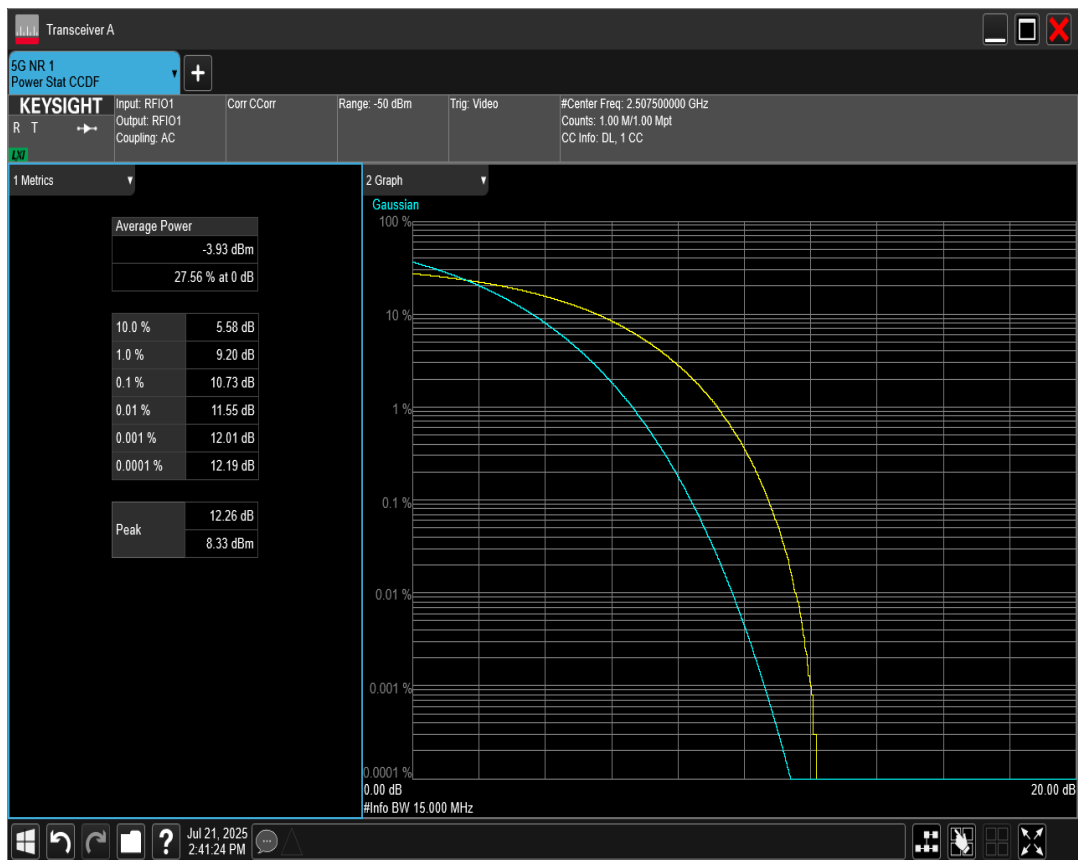
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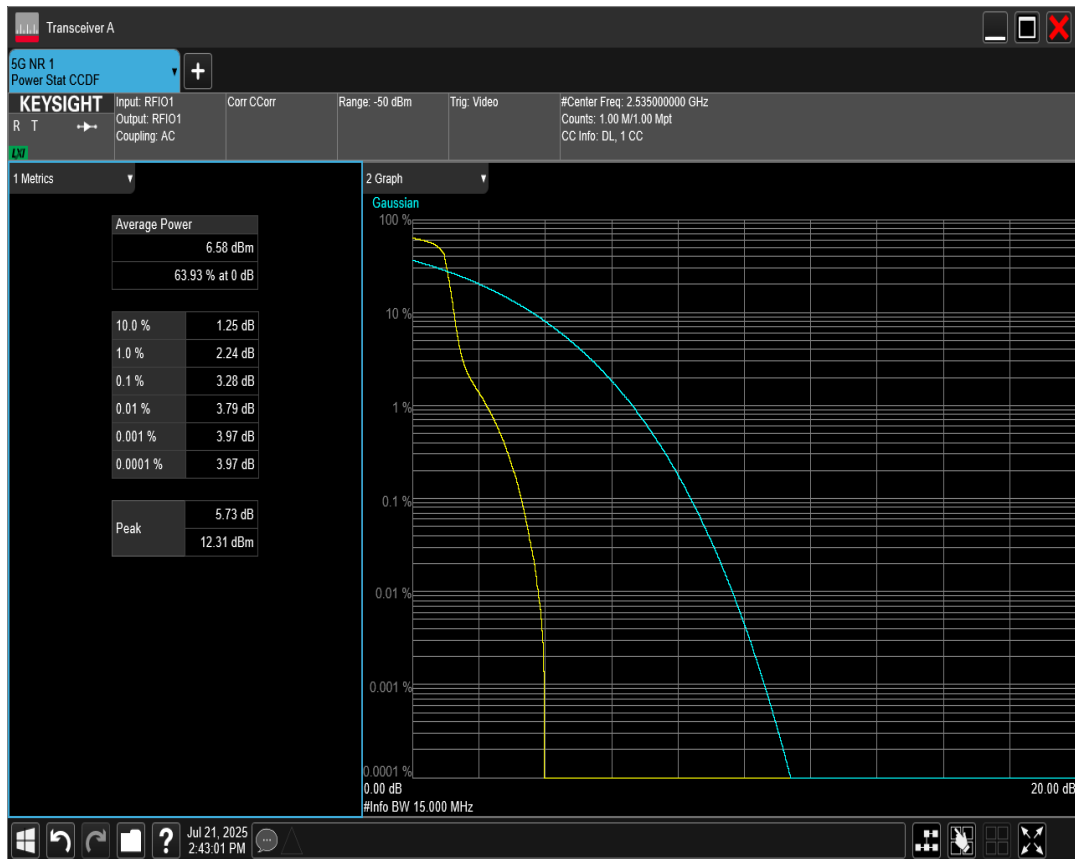
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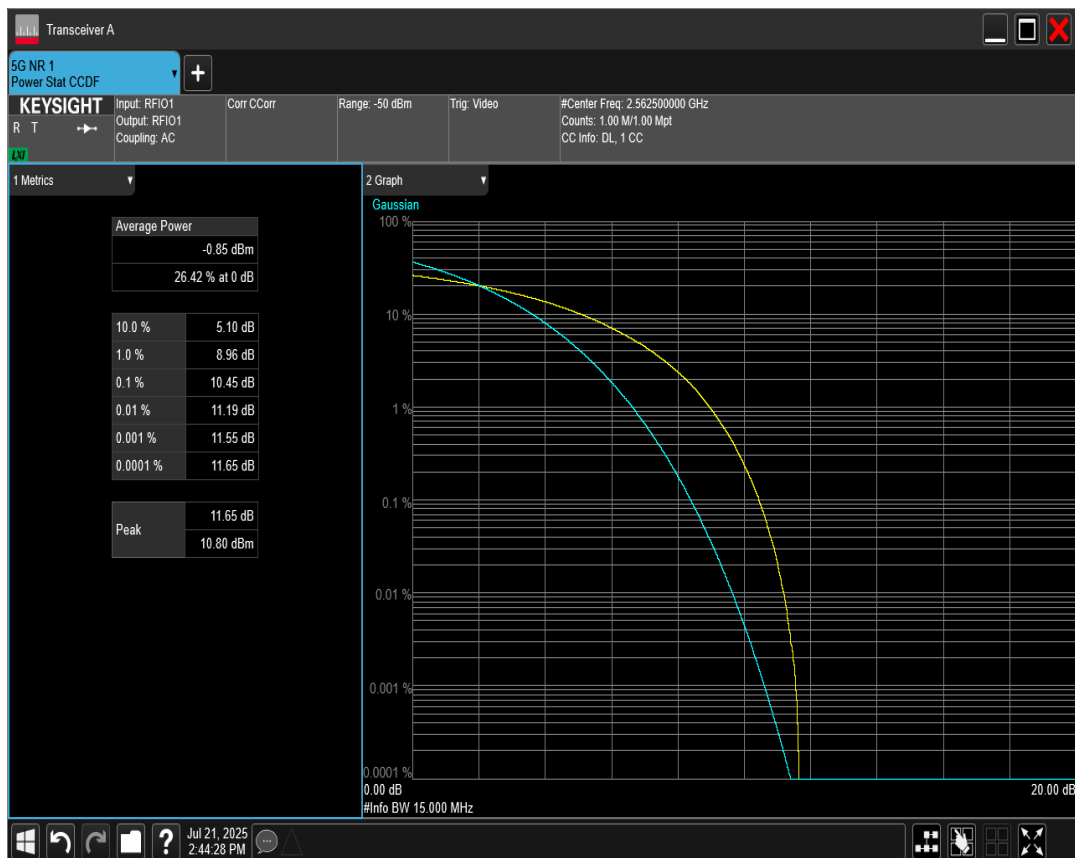
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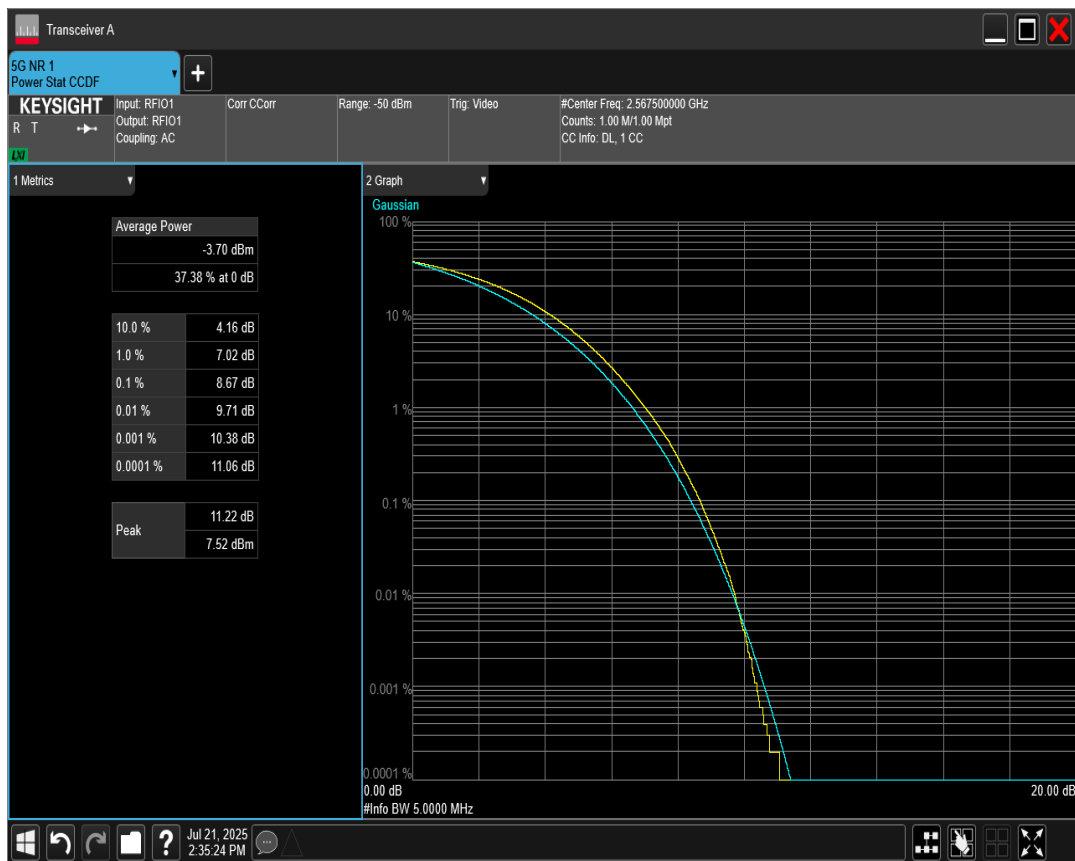
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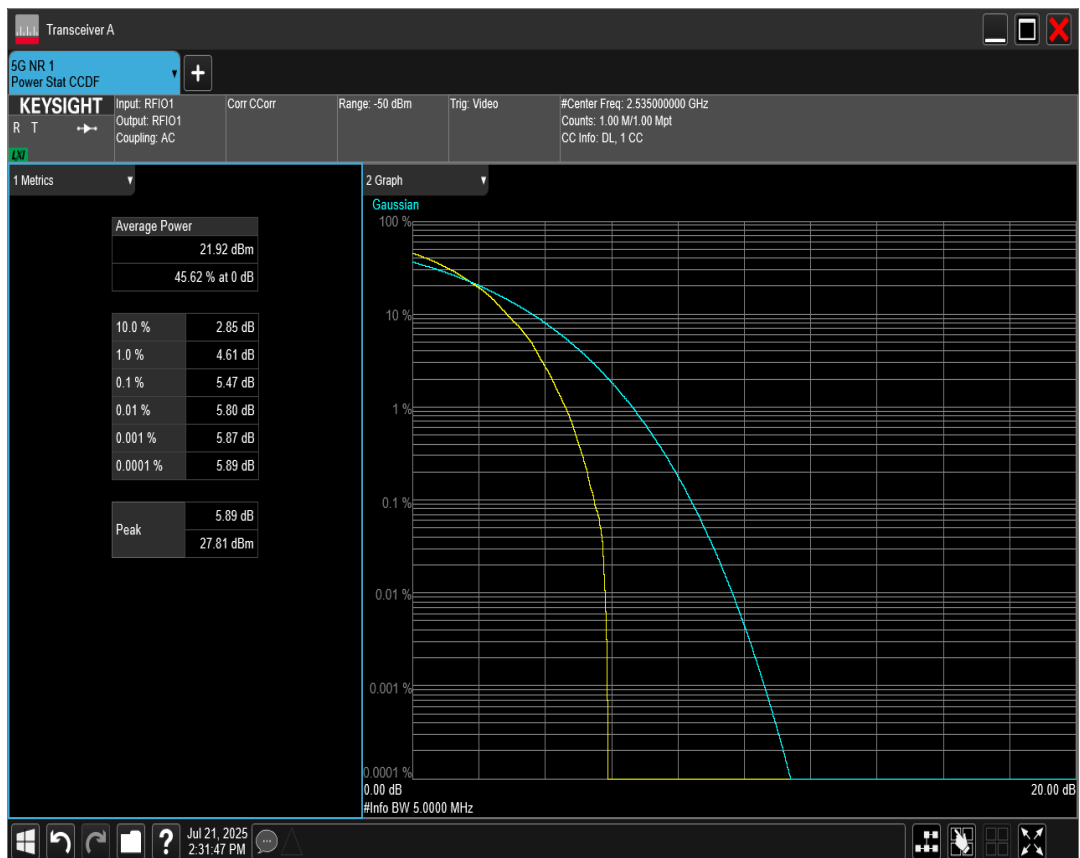
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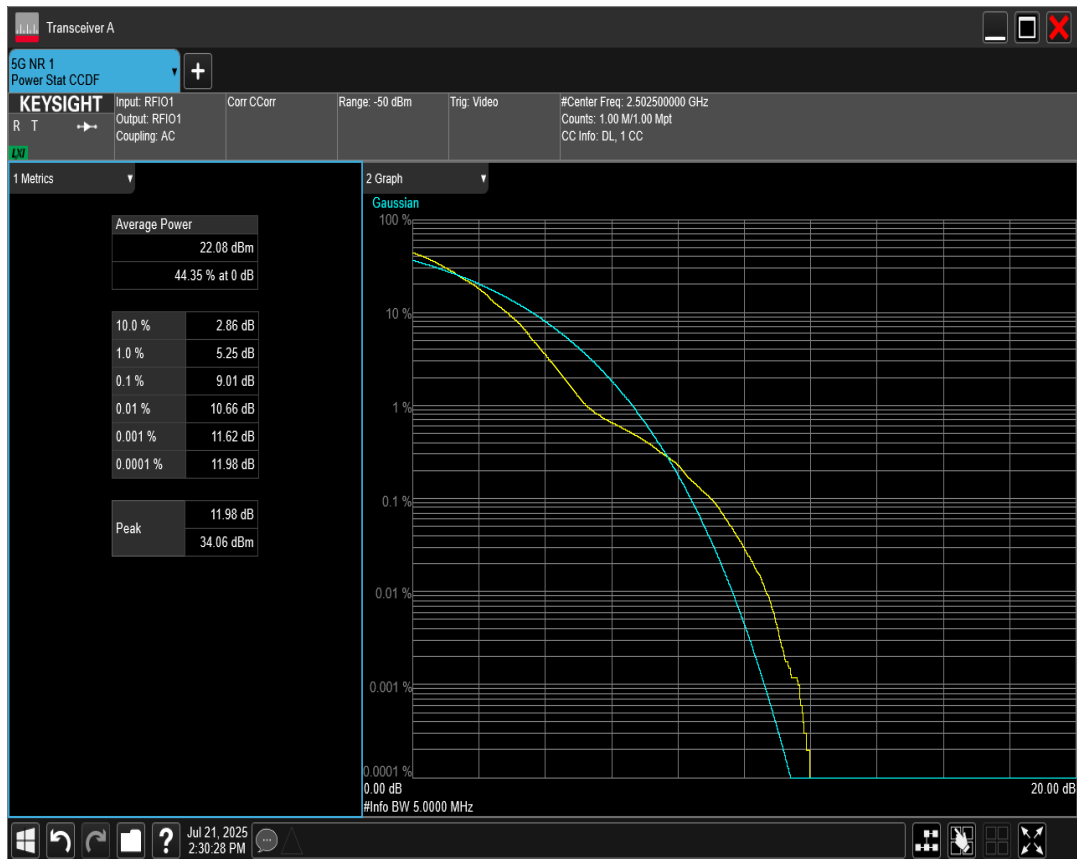
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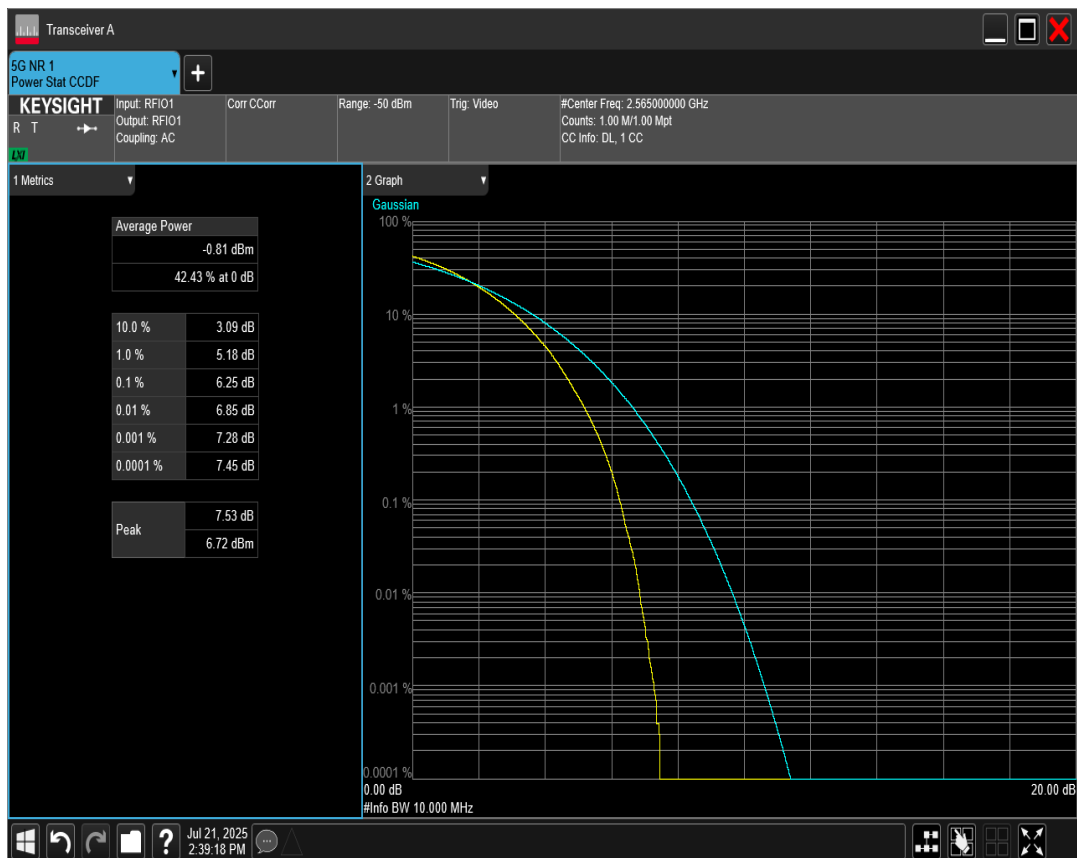
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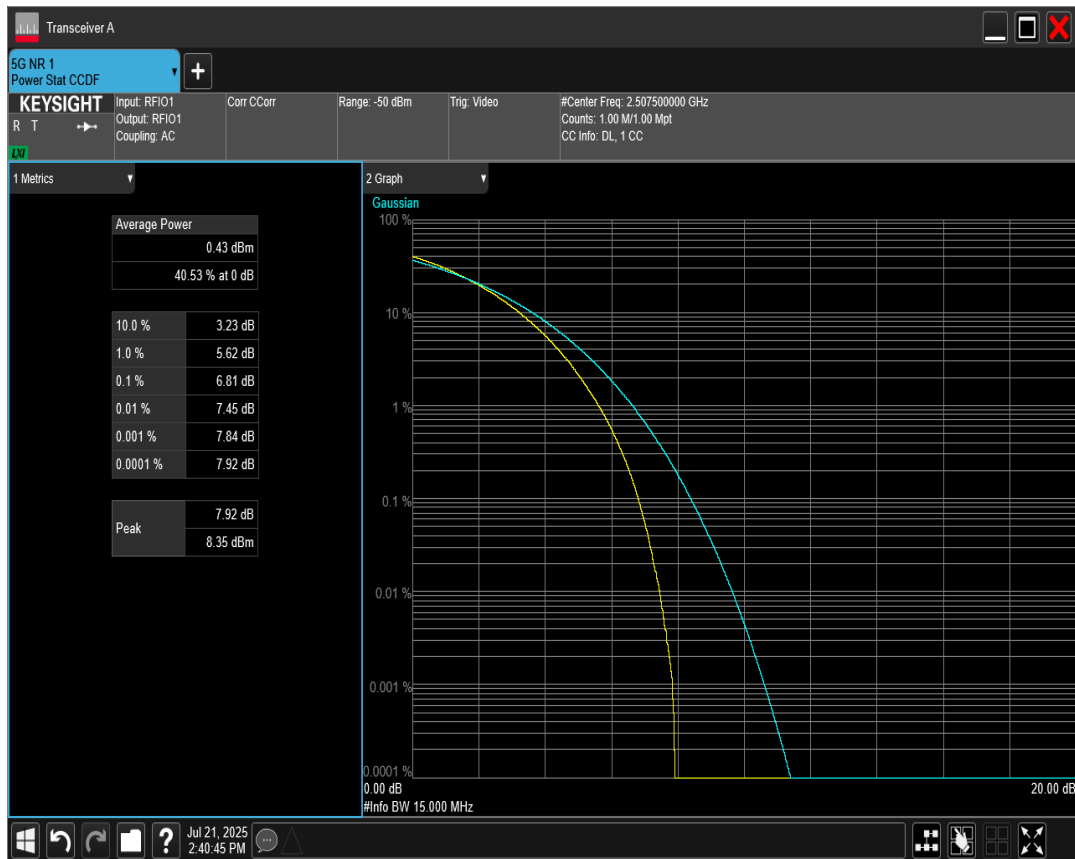
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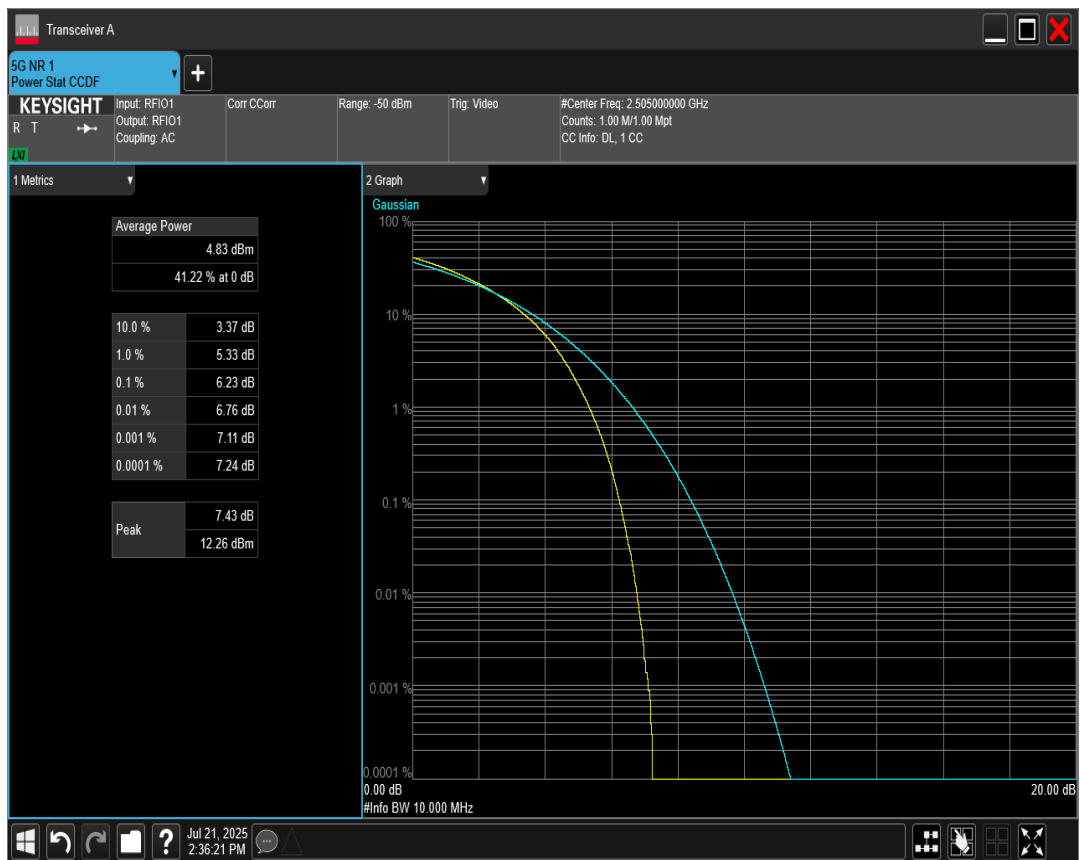
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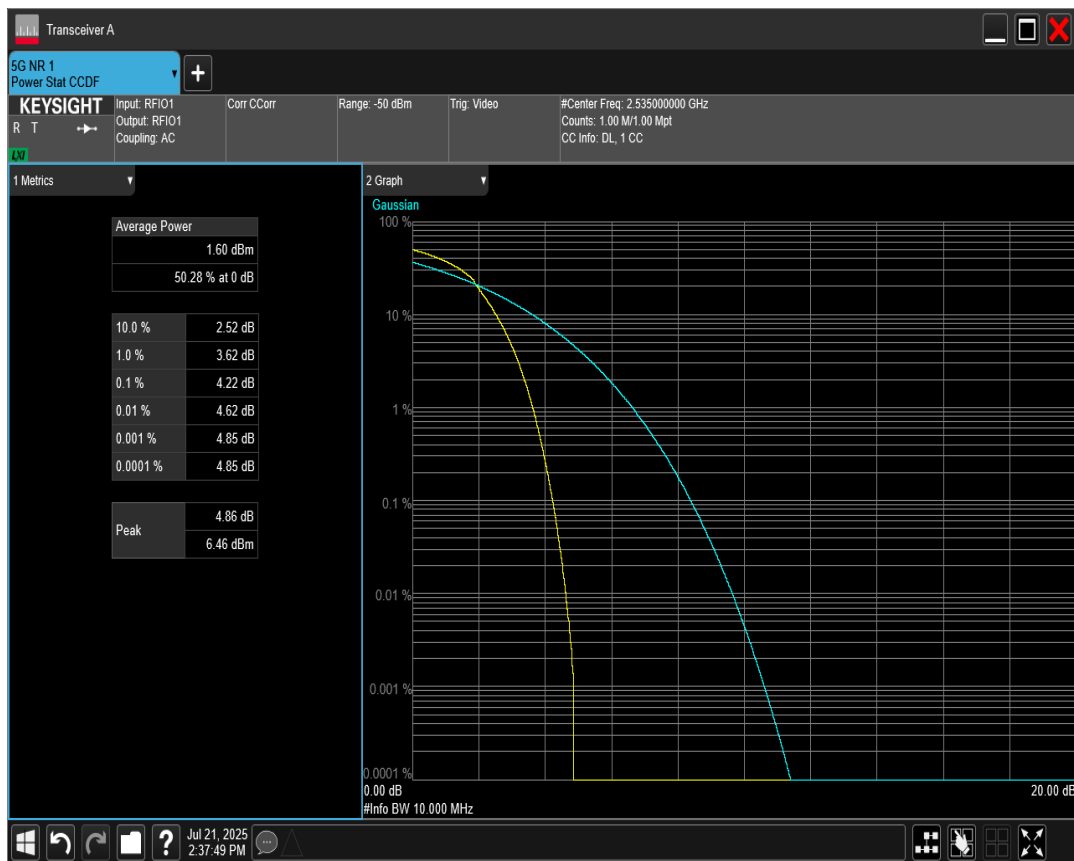


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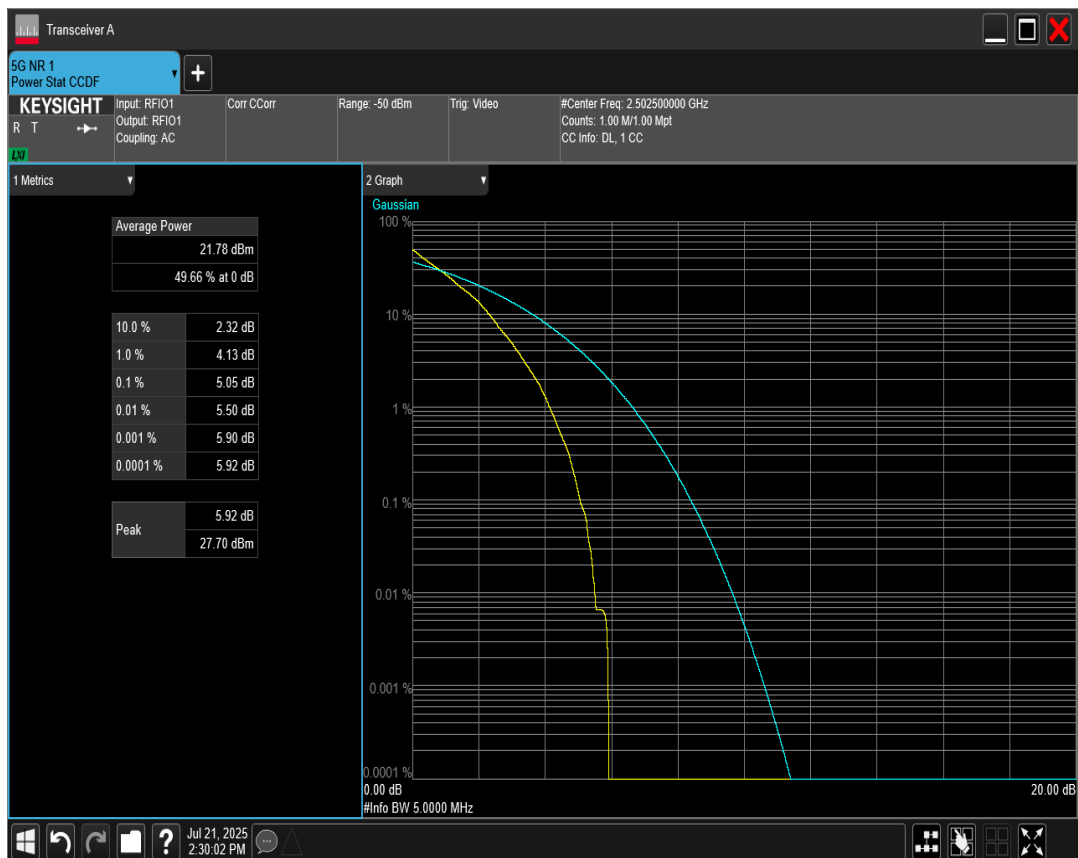


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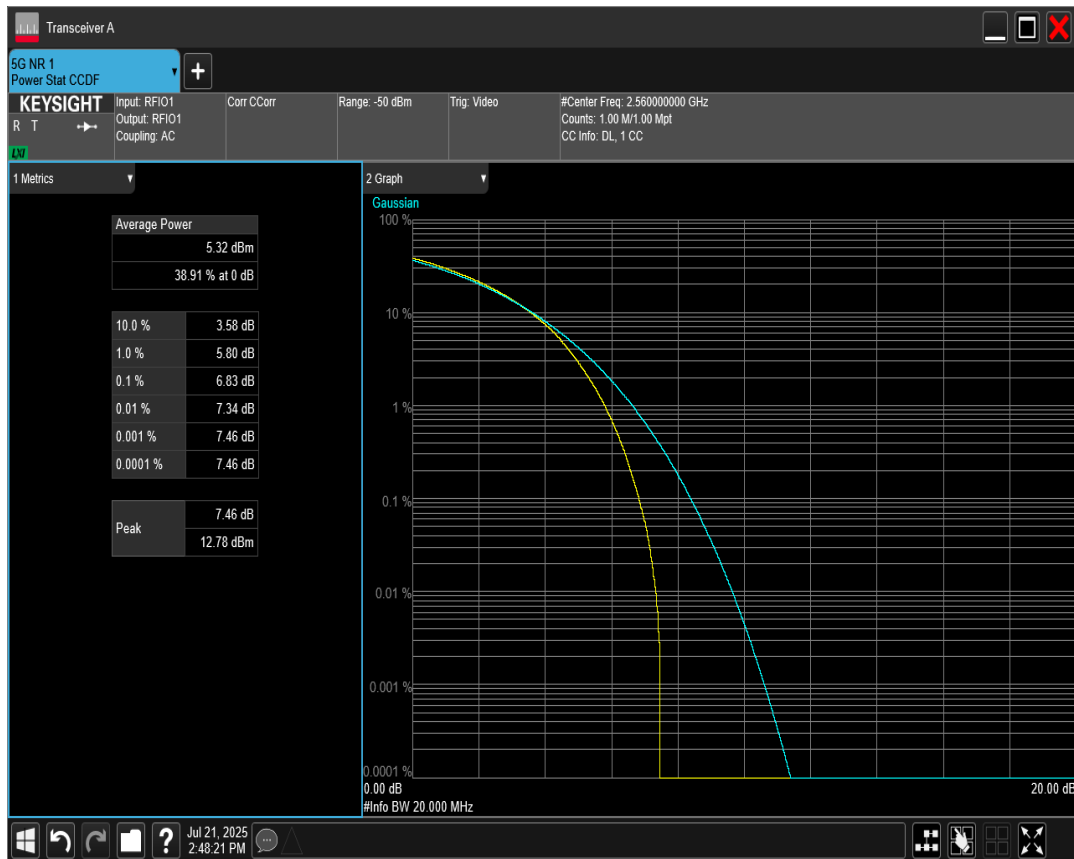




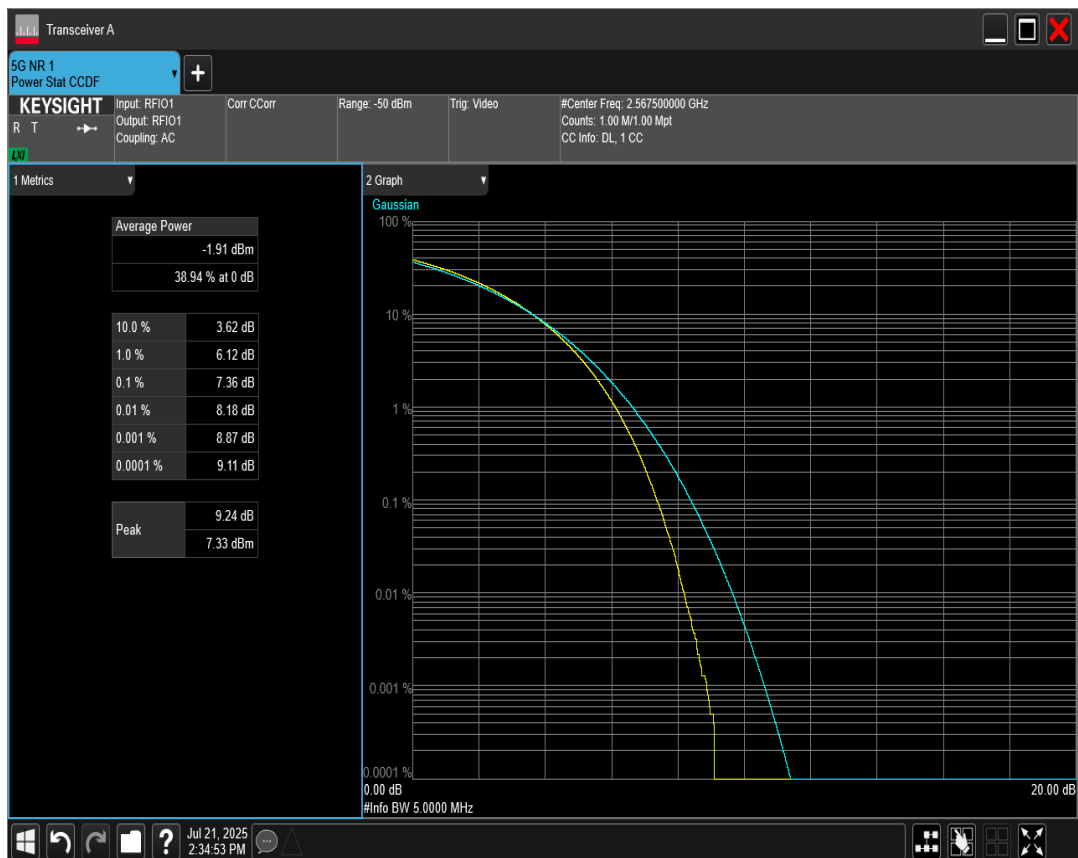
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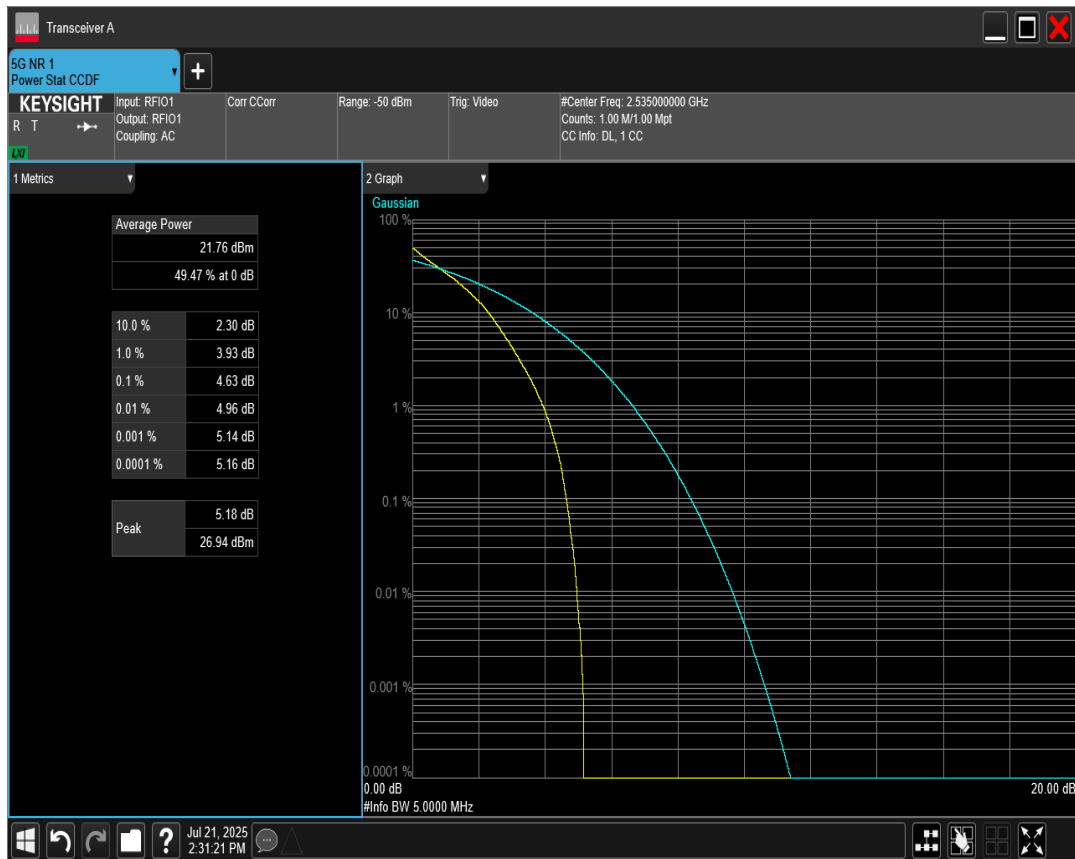
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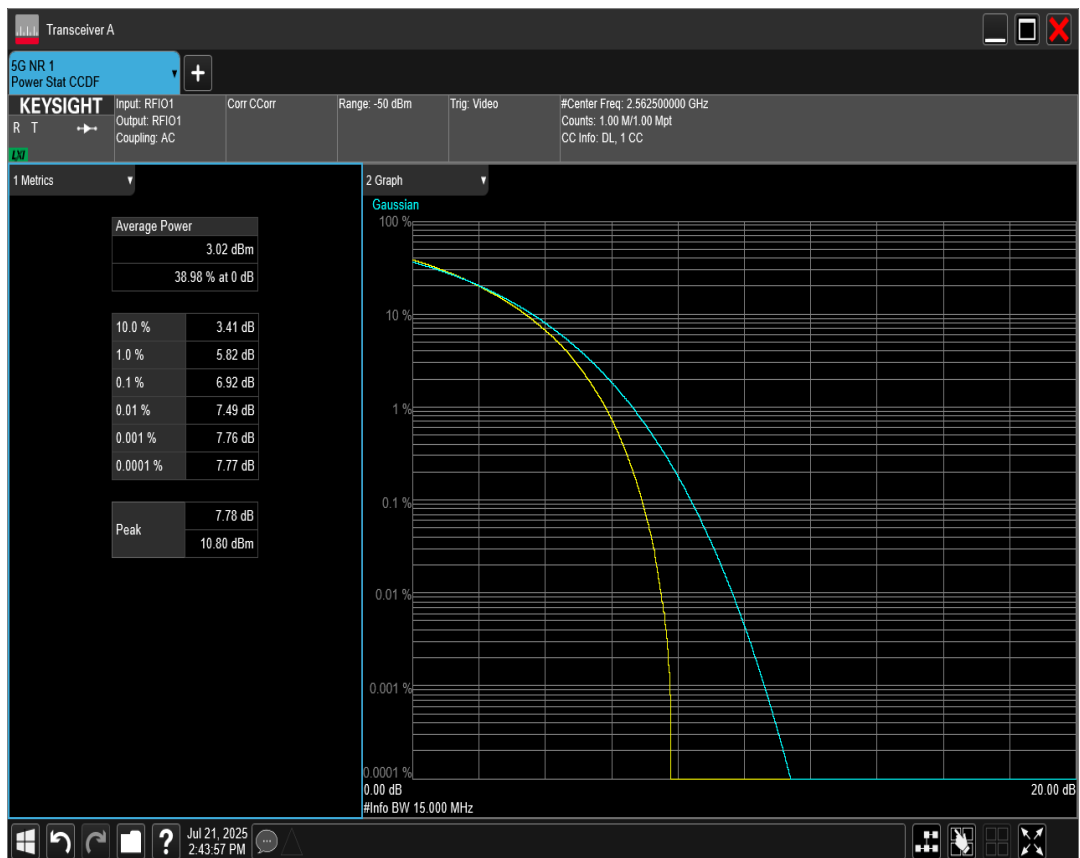
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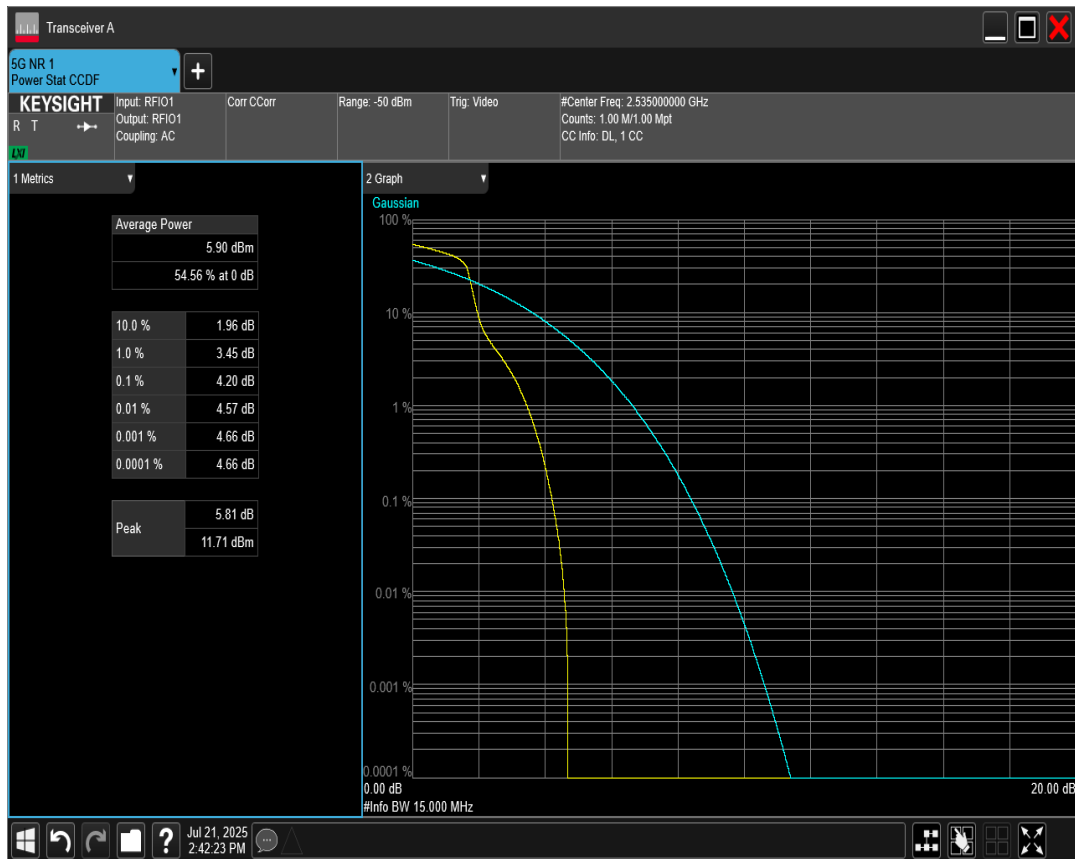
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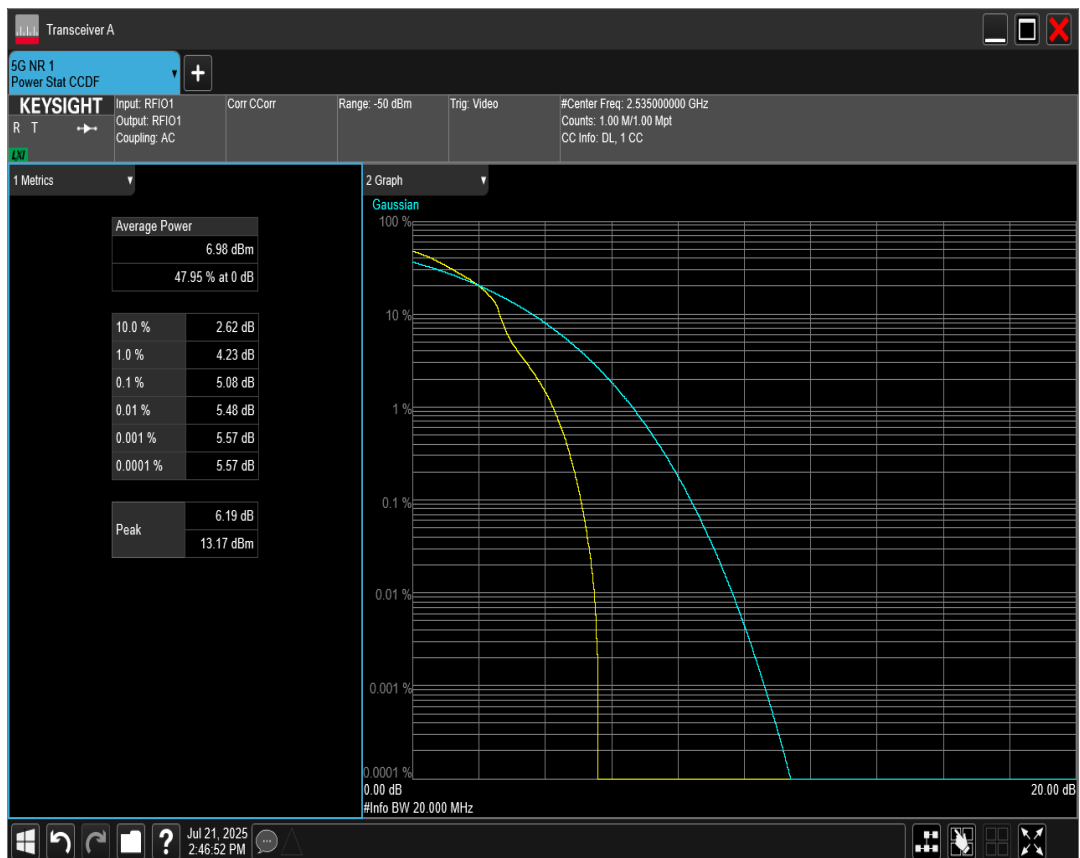
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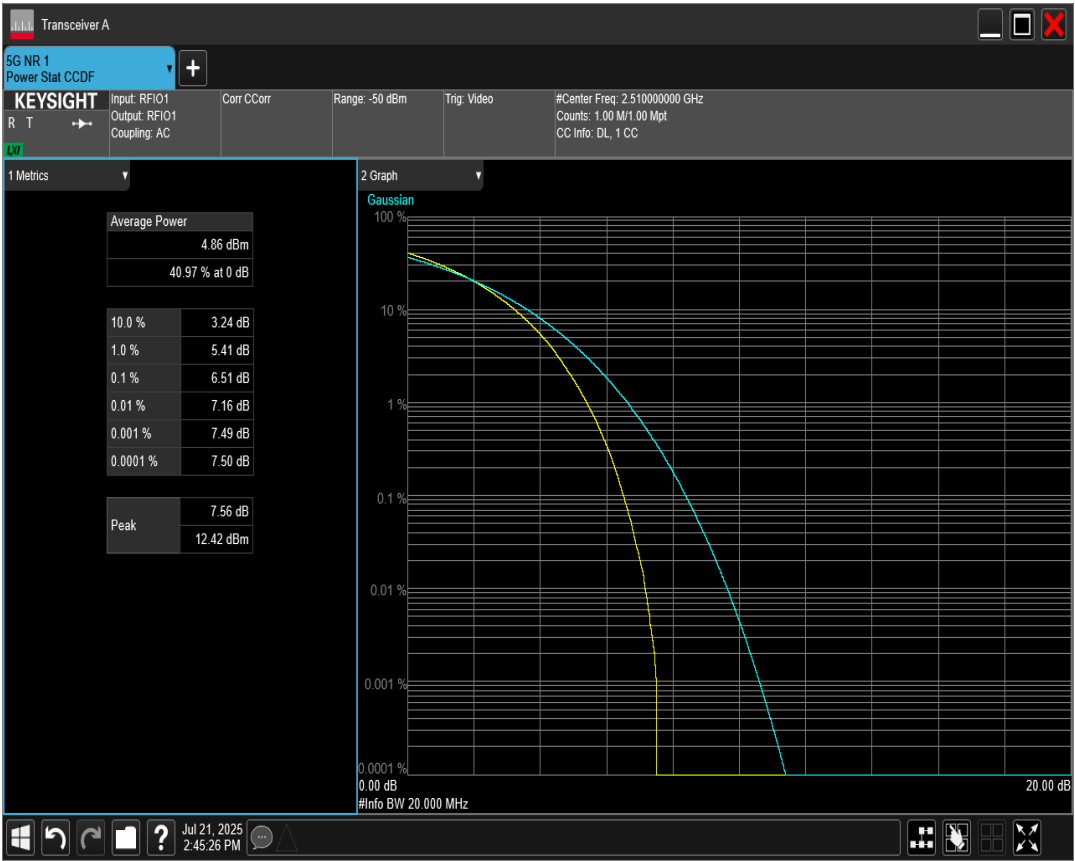
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***n7 SCS=15kHz DFT\_QPSK BW=20MHz Channel=507000 RB=100@0***



***n7 SCS=15kHz DFT\_QPSK BW=20MHz Channel=502000 RB=100@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          | 4.460                        | 4.640                          | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QPSK          | 4.450                        | 4.660                          | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QAM16         | 4.450                        | 4.590                          | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QAM64         | 4.460                        | 4.660                          | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QAM256        | 4.460                        | 4.590                          | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_BPSK          | 9.240                        | 9.160                          | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QPSK          | 9.230                        | 9.160                          | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QAM16         | 9.200                        | 9.140                          | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QAM64         | 9.170                        | 9.130                          | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QAM256        | 9.180                        | 9.110                          | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_BPSK          | 13.910                       | 13.640                         | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QPSK          | 13.950                       | 13.660                         | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QAM16         | 13.910                       | 13.640                         | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QAM64         | 13.930                       | 13.620                         | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QAM256        | 13.880                       | 13.650                         | PASS           |
| n7          | 15                   | 20                         | 507000                | 100@0                    | DFT_BPSK          | 18.650                       | 18.110                         | PASS           |
| n7          | 15                   | 20                         | 507000                | 100@0                    | DFT_QPSK          | 18.670                       | 18.170                         | PASS           |
| n7          | 15                   | 20                         | 507000                | 100@0                    | DFT_QAM16         | 18.670                       | 18.150                         | PASS           |
| n7          | 15                   | 20                         | 507000                | 100@0                    | DFT_QAM64         | 18.730                       | 18.150                         | PASS           |
| n7          | 15                   | 20                         | 507000                | 100@0                    | DFT_QAM256        | 18.670                       | 18.100                         | PASS           |

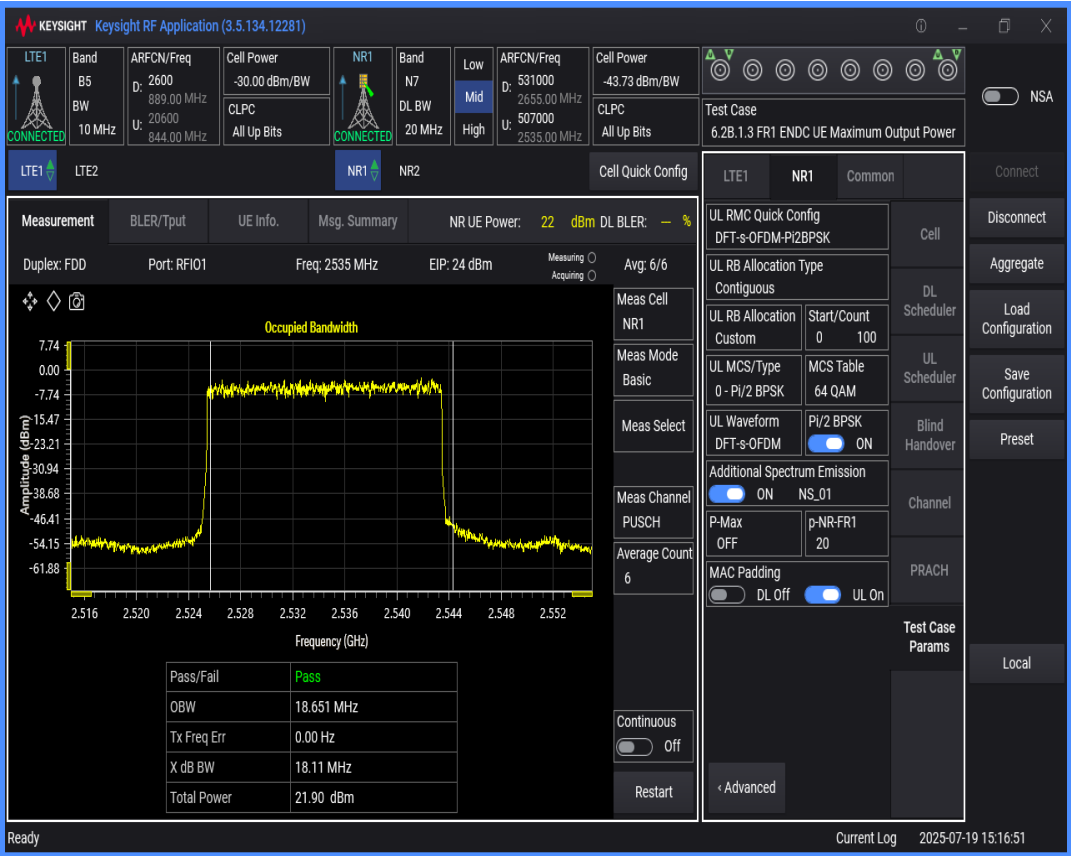
**n7 SCS=15kHz DFT\_BPSK BW=5MHz Channel=507000 RB=25@0**



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



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

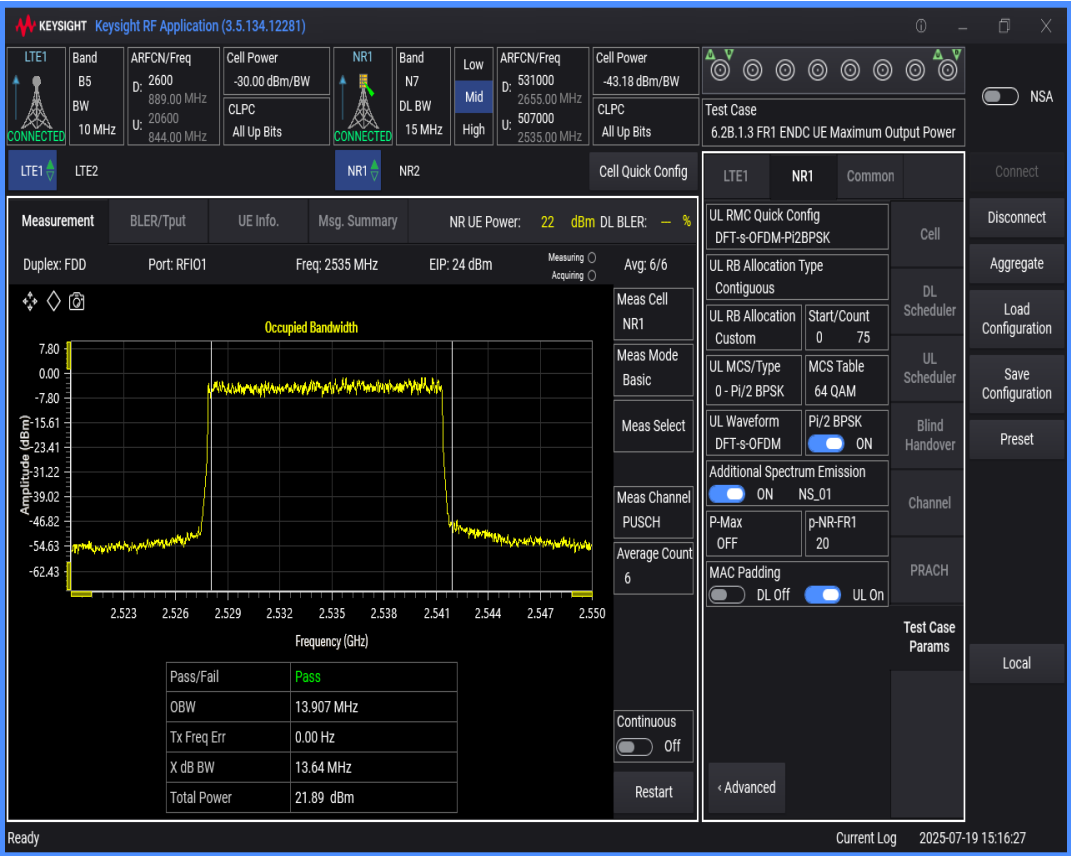


*n7 SCS=15kHz DFT\_BPSK BW=10MHz Channel=507000 RB=50@0*



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





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



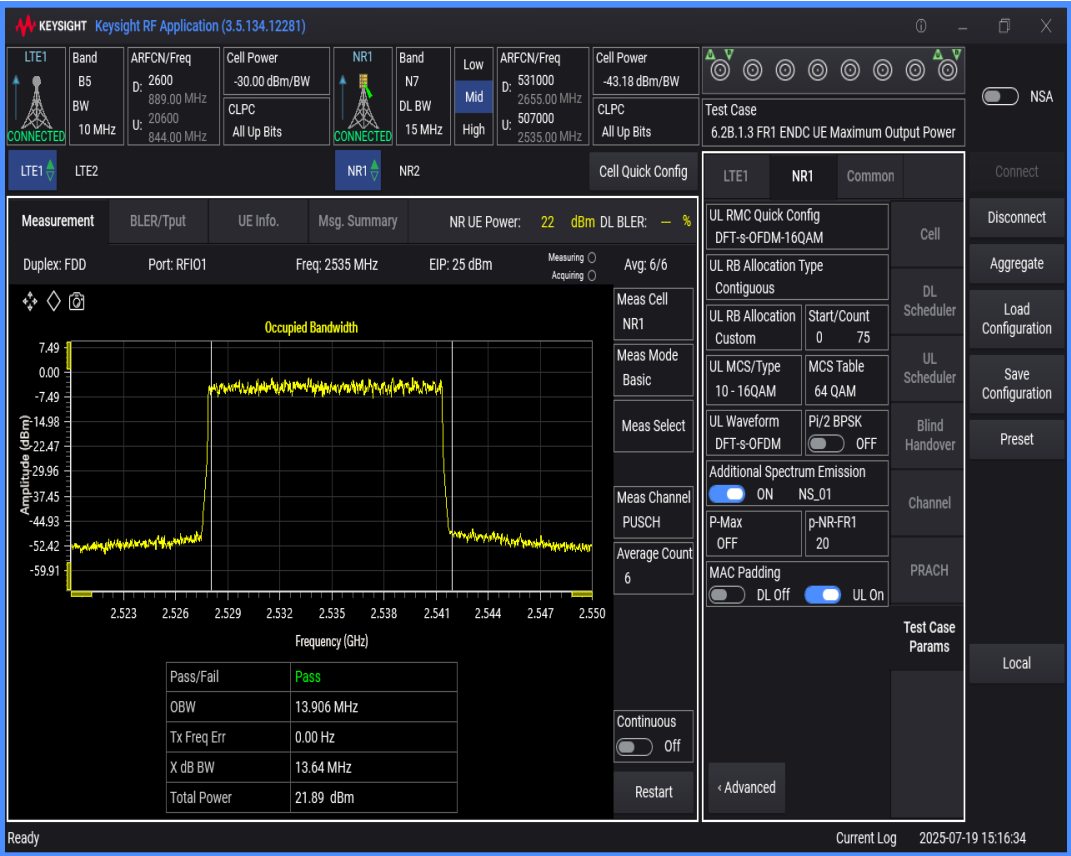
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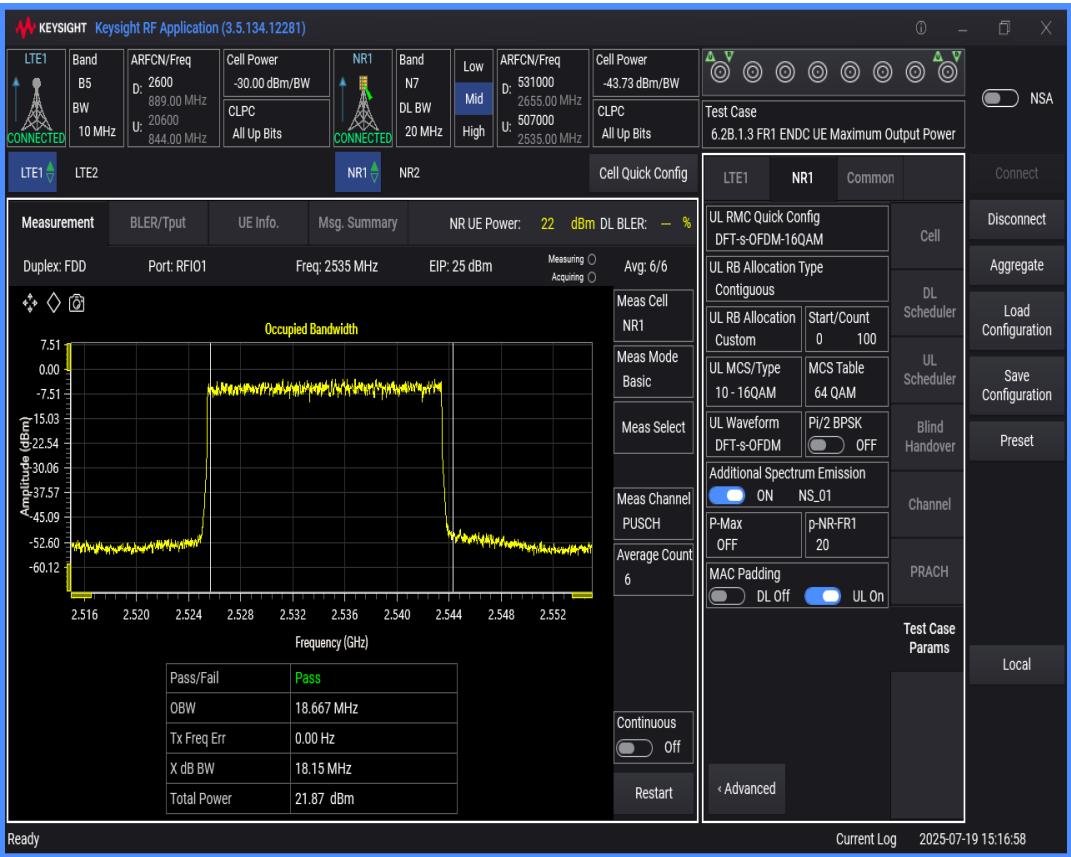
***n7 SCS=15kHz DFT\_QAM16 BW=5MHz Channel=507000 RB=25@0***



***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=20MHz Channel=507000 RB=100@0*



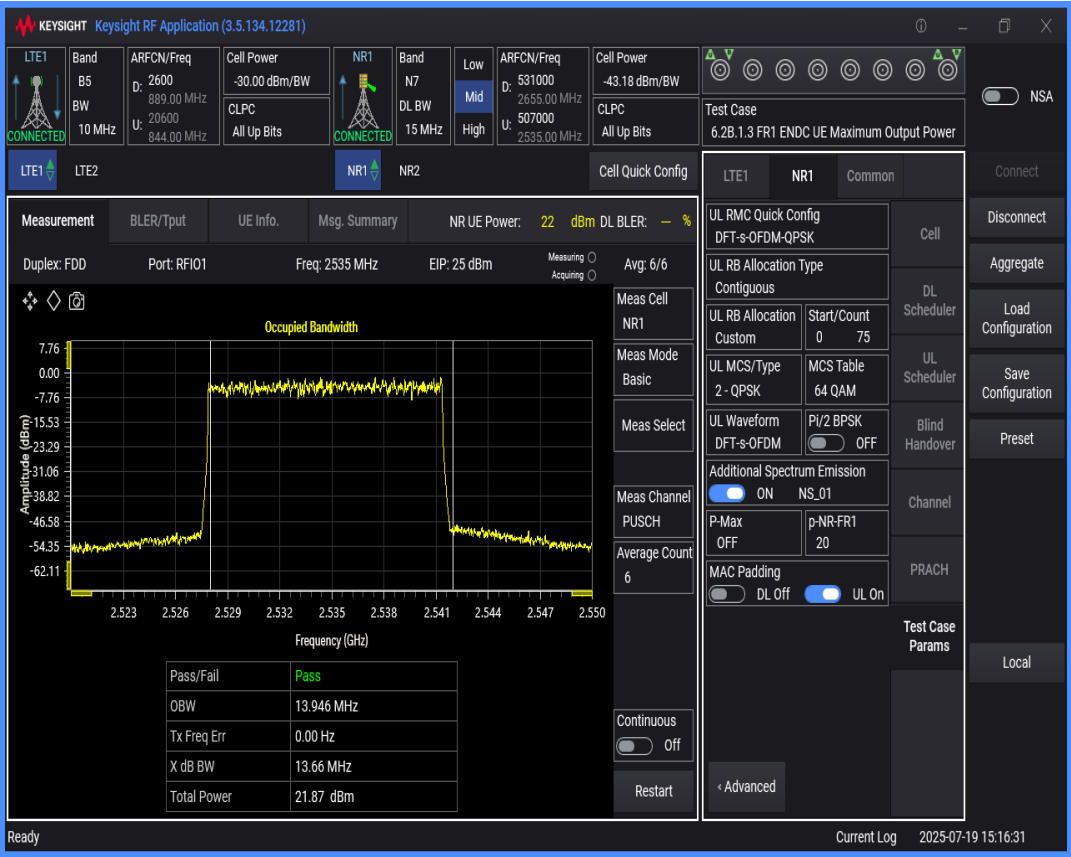
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**n7 SCS=15kHz DFT\_QPSK BW=10MHz Channel=507000 RB=50@0**



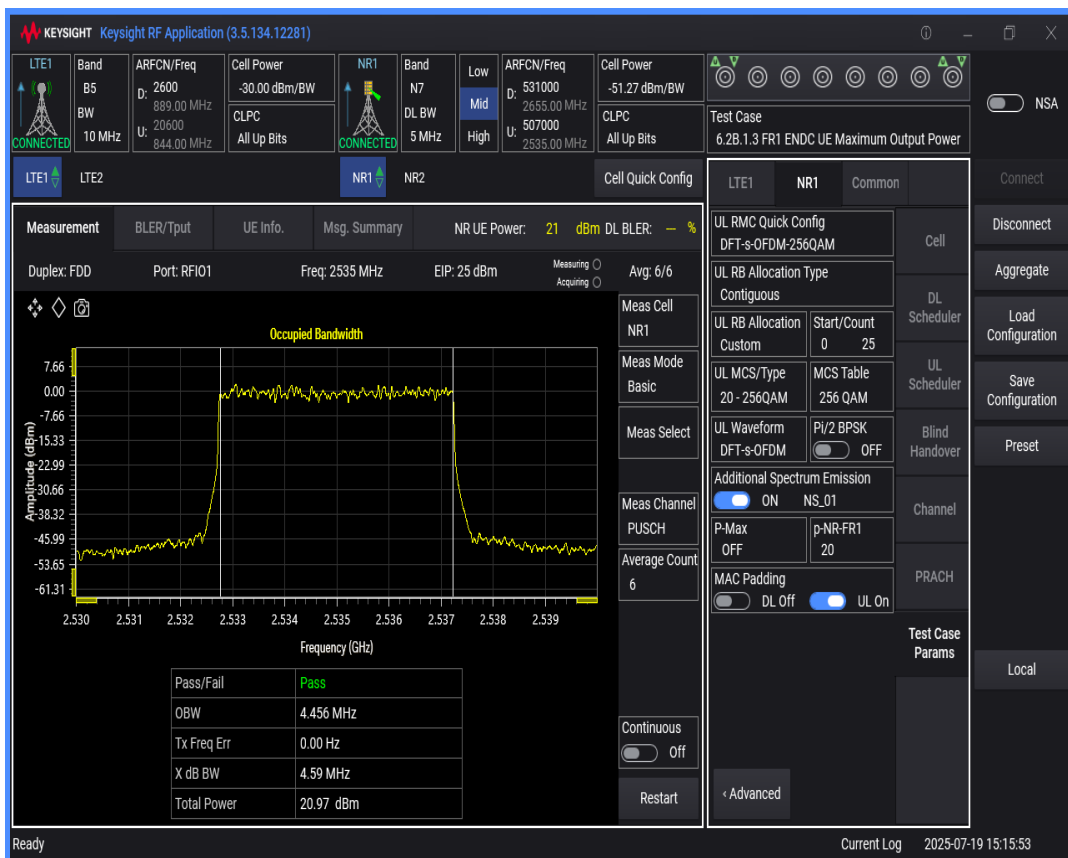
n7 SCS=15kHz DFT\_QPSK BW=15MHz Channel=507000 RB=75@0



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



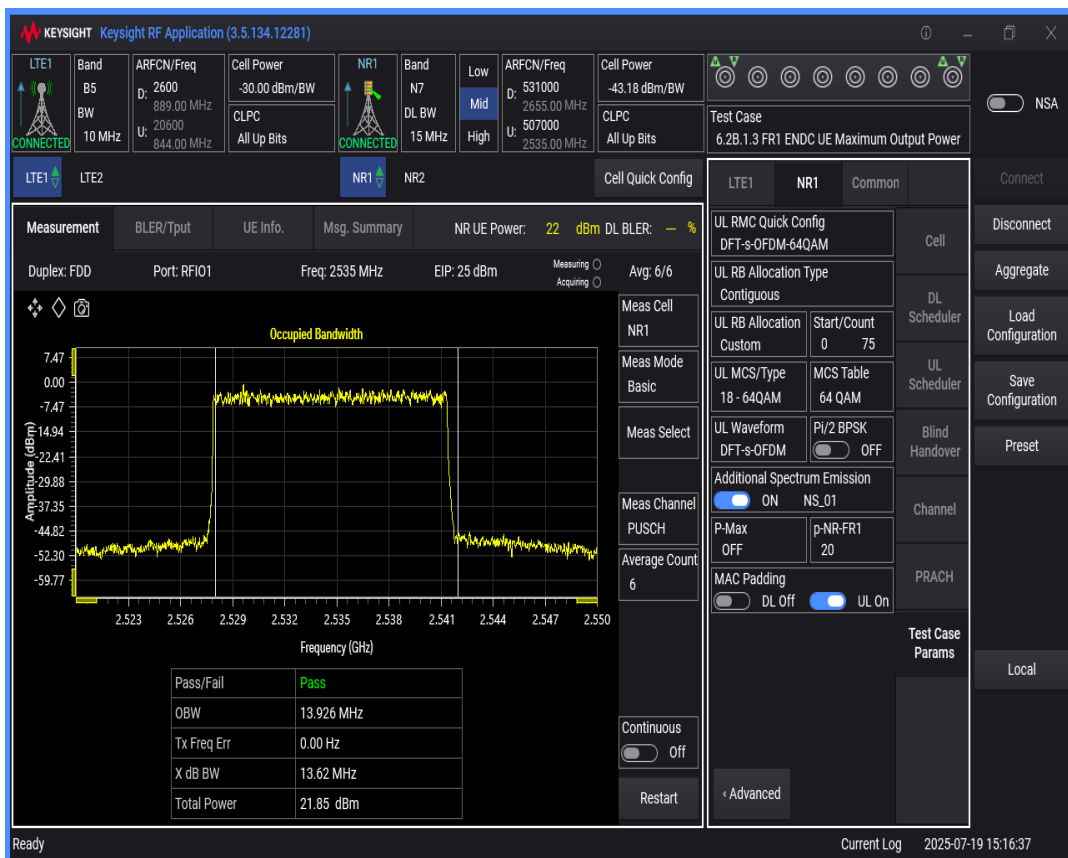
**n7 SCS=15kHz DFT\_QAM256 BW=5MHz Channel=507000 RB=25@0**



**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\_QPSK BW=5MHz Channel=507000 RB=25@0**