

## 1 Conducted output power for NR FR1

| Band | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | Conducted<br>Power<br>(dBm) | Gain<br>(dBm) | EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Verdict |
|------|--------------|--------------------|---------------|------------------|------------|-----------------------------|---------------|---------------|------------------------|---------|
| n38  | 30           | 10                 | 515000        | 12@6             | DFT_BPSK   | 22.87                       | -2            | 20.87         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@1              | DFT_BPSK   | 22.9                        | -2            | 20.9          | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@22             | DFT_BPSK   | 22.78                       | -2            | 20.78         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 24@0             | DFT_BPSK   | 22.31                       | -2            | 20.31         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 12@6             | DFT_QPSK   | 22.81                       | -2            | 20.81         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@1              | DFT_QPSK   | 22.73                       | -2            | 20.73         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@22             | DFT_QPSK   | 22.68                       | -2            | 20.68         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 24@0             | DFT_QPSK   | 21.84                       | -2            | 19.84         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 12@6             | DFT_QAM16  | 21.87                       | -2            | 19.87         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@1              | DFT_QAM16  | 22.25                       | -2            | 20.25         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@22             | DFT_QAM16  | 22.2                        | -2            | 20.2          | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 24@0             | DFT_QAM16  | 20.86                       | -2            | 18.86         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 12@6             | DFT_QAM64  | 20.6                        | -2            | 18.6          | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@1              | DFT_QAM64  | 20.16                       | -2            | 18.16         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@22             | DFT_QAM64  | 20.03                       | -2            | 18.03         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 24@0             | DFT_QAM64  | 20.34                       | -2            | 18.34         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 12@6             | DFT_QAM256 | 18.46                       | -2            | 16.46         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@1              | DFT_QAM256 | 18.21                       | -2            | 16.21         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@22             | DFT_QAM256 | 18.4                        | -2            | 16.4          | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 24@0             | DFT_QAM256 | 18.34                       | -2            | 16.34         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 12@6             | CP_QPSK    | 21.34                       | -2            | 19.34         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@1              | CP_QPSK    | 21.32                       | -2            | 19.32         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@22             | CP_QPSK    | 21.21                       | -2            | 19.21         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 24@0             | CP_QPSK    | 19.87                       | -2            | 17.87         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 12@6             | CP_QAM16   | 20.75                       | -2            | 18.75         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@1              | CP_QAM16   | 21.19                       | -2            | 19.19         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@22             | CP_QAM16   | 21.12                       | -2            | 19.12         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 24@0             | CP_QAM16   | 19.73                       | -2            | 17.73         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 12@6             | CP_QAM64   | 19.33                       | -2            | 17.33         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@1              | CP_QAM64   | 20.2                        | -2            | 18.2          | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@22             | CP_QAM64   | 20.07                       | -2            | 18.07         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 24@0             | CP_QAM64   | 19.45                       | -2            | 17.45         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 12@6             | CP_QAM256  | 16.52                       | -2            | 14.52         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@1              | CP_QAM256  | 16.58                       | -2            | 14.58         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@22             | CP_QAM256  | 16.47                       | -2            | 14.47         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 515000        | 24@0             | CP_QAM256  | 16.52                       | -2            | 14.52         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 519000        | 12@6             | DFT_BPSK   | 22.88                       | -2            | 20.88         | 33.01                  | PASS    |
| n38  | 30           | 10                 | 519000        | 1@1              | DFT_BPSK   | 22.73                       | -2            | 20.73         | 33.01                  | PASS    |

|     |    |    |        |      |            |       |    |       |       |      |
|-----|----|----|--------|------|------------|-------|----|-------|-------|------|
| n38 | 30 | 10 | 519000 | 1@22 | DFT_BPSK   | 22.95 | -2 | 20.95 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 24@0 | DFT_BPSK   | 22.39 | -2 | 20.39 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 12@6 | DFT_QPSK   | 22.82 | -2 | 20.82 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@1  | DFT_QPSK   | 22.73 | -2 | 20.73 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@22 | DFT_QPSK   | 22.85 | -2 | 20.85 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 24@0 | DFT_QPSK   | 21.76 | -2 | 19.76 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 12@6 | DFT_QAM16  | 21.84 | -2 | 19.84 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@1  | DFT_QAM16  | 21.81 | -2 | 19.81 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@22 | DFT_QAM16  | 22.37 | -2 | 20.37 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 24@0 | DFT_QAM16  | 20.97 | -2 | 18.97 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 12@6 | DFT_QAM64  | 20.57 | -2 | 18.57 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@1  | DFT_QAM64  | 20.13 | -2 | 18.13 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@22 | DFT_QAM64  | 20.41 | -2 | 18.41 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 24@0 | DFT_QAM64  | 20.5  | -2 | 18.5  | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 12@6 | DFT_QAM256 | 18.36 | -2 | 16.36 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@1  | DFT_QAM256 | 18.14 | -2 | 16.14 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@22 | DFT_QAM256 | 18.26 | -2 | 16.26 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 24@0 | DFT_QAM256 | 18.42 | -2 | 16.42 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 12@6 | CP_QPSK    | 21.3  | -2 | 19.3  | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@1  | CP_QPSK    | 21.13 | -2 | 19.13 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@22 | CP_QPSK    | 21.31 | -2 | 19.31 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 24@0 | CP_QPSK    | 19.79 | -2 | 17.79 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 12@6 | CP_QAM16   | 20.87 | -2 | 18.87 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@1  | CP_QAM16   | 20.63 | -2 | 18.63 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@22 | CP_QAM16   | 20.86 | -2 | 18.86 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 24@0 | CP_QAM16   | 19.86 | -2 | 17.86 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 12@6 | CP_QAM64   | 19.39 | -2 | 17.39 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@1  | CP_QAM64   | 19.74 | -2 | 17.74 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@22 | CP_QAM64   | 20.07 | -2 | 18.07 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 24@0 | CP_QAM64   | 19.42 | -2 | 17.42 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 12@6 | CP_QAM256  | 16.54 | -2 | 14.54 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@1  | CP_QAM256  | 16.62 | -2 | 14.62 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@22 | CP_QAM256  | 16.68 | -2 | 14.68 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 24@0 | CP_QAM256  | 16.36 | -2 | 14.36 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 12@6 | DFT_BPSK   | 22.91 | -2 | 20.91 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@1  | DFT_BPSK   | 22.99 | -2 | 20.99 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@22 | DFT_BPSK   | 22.83 | -2 | 20.83 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 24@0 | DFT_BPSK   | 22.37 | -2 | 20.37 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 12@6 | DFT_QPSK   | 22.94 | -2 | 20.94 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@1  | DFT_QPSK   | 22.84 | -2 | 20.84 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@22 | DFT_QPSK   | 22.74 | -2 | 20.74 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 24@0 | DFT_QPSK   | 21.89 | -2 | 19.89 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 12@6 | DFT_QAM16  | 21.85 | -2 | 19.85 | 33.01 | PASS |

|     |    |    |        |      |            |       |    |       |       |      |
|-----|----|----|--------|------|------------|-------|----|-------|-------|------|
| n38 | 30 | 10 | 523000 | 1@1  | DFT_QAM16  | 21.94 | -2 | 19.94 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@22 | DFT_QAM16  | 22.33 | -2 | 20.33 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 24@0 | DFT_QAM16  | 20.96 | -2 | 18.96 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 12@6 | DFT_QAM64  | 20.54 | -2 | 18.54 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@1  | DFT_QAM64  | 20.39 | -2 | 18.39 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@22 | DFT_QAM64  | 20.33 | -2 | 18.33 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 24@0 | DFT_QAM64  | 20.5  | -2 | 18.5  | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 12@6 | DFT_QAM256 | 18.32 | -2 | 16.32 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@1  | DFT_QAM256 | 18.32 | -2 | 16.32 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@22 | DFT_QAM256 | 18.18 | -2 | 16.18 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 24@0 | DFT_QAM256 | 18.46 | -2 | 16.46 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 12@6 | CP_QPSK    | 21.4  | -2 | 19.4  | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@1  | CP_QPSK    | 21.31 | -2 | 19.31 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@22 | CP_QPSK    | 21.15 | -2 | 19.15 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 24@0 | CP_QPSK    | 20    | -2 | 18    | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 12@6 | CP_QAM16   | 20.79 | -2 | 18.79 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@1  | CP_QAM16   | 21.32 | -2 | 19.32 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@22 | CP_QAM16   | 20.73 | -2 | 18.73 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 24@0 | CP_QAM16   | 19.96 | -2 | 17.96 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 12@6 | CP_QAM64   | 19.34 | -2 | 17.34 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@1  | CP_QAM64   | 20.01 | -2 | 18.01 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@22 | CP_QAM64   | 19.68 | -2 | 17.68 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 24@0 | CP_QAM64   | 19.53 | -2 | 17.53 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 12@6 | CP_QAM256  | 16.4  | -2 | 14.4  | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@1  | CP_QAM256  | 16.85 | -2 | 14.85 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@22 | CP_QAM256  | 16.59 | -2 | 14.59 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 24@0 | CP_QAM256  | 16.46 | -2 | 14.46 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 18@9 | DFT_BPSK   | 22.74 | -2 | 20.74 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@1  | DFT_BPSK   | 22.83 | -2 | 20.83 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@36 | DFT_BPSK   | 22.78 | -2 | 20.78 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 36@0 | DFT_BPSK   | 22.27 | -2 | 20.27 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 18@9 | DFT_QPSK   | 22.74 | -2 | 20.74 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@1  | DFT_QPSK   | 22.7  | -2 | 20.7  | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@36 | DFT_QPSK   | 22.64 | -2 | 20.64 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 36@0 | DFT_QPSK   | 21.82 | -2 | 19.82 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 18@9 | DFT_QAM16  | 21.9  | -2 | 19.9  | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@1  | DFT_QAM16  | 22.21 | -2 | 20.21 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@36 | DFT_QAM16  | 21.98 | -2 | 19.98 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 36@0 | DFT_QAM16  | 20.88 | -2 | 18.88 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 18@9 | DFT_QAM64  | 20.42 | -2 | 18.42 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@1  | DFT_QAM64  | 20.29 | -2 | 18.29 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@36 | DFT_QAM64  | 20.09 | -2 | 18.09 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 36@0 | DFT_QAM64  | 20.35 | -2 | 18.35 | 33.01 | PASS |

|     |    |    |        |      |            |       |    |       |       |      |
|-----|----|----|--------|------|------------|-------|----|-------|-------|------|
| n38 | 30 | 15 | 515500 | 18@9 | DFT_QAM256 | 18.33 | -2 | 16.33 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@1  | DFT_QAM256 | 18.25 | -2 | 16.25 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@36 | DFT_QAM256 | 18.15 | -2 | 16.15 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 36@0 | DFT_QAM256 | 18.25 | -2 | 16.25 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 19@9 | CP_QPSK    | 21.27 | -2 | 19.27 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@1  | CP_QPSK    | 21.33 | -2 | 19.33 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@36 | CP_QPSK    | 21.18 | -2 | 19.18 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 38@0 | CP_QPSK    | 19.86 | -2 | 17.86 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 19@9 | CP_QAM16   | 20.71 | -2 | 18.71 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@1  | CP_QAM16   | 21.24 | -2 | 19.24 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@36 | CP_QAM16   | 21.15 | -2 | 19.15 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 38@0 | CP_QAM16   | 19.9  | -2 | 17.9  | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 19@9 | CP_QAM64   | 19.57 | -2 | 17.57 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@1  | CP_QAM64   | 19.67 | -2 | 17.67 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@36 | CP_QAM64   | 19.95 | -2 | 17.95 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 38@0 | CP_QAM64   | 19.46 | -2 | 17.46 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 19@9 | CP_QAM256  | 16.38 | -2 | 14.38 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@1  | CP_QAM256  | 16.54 | -2 | 14.54 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@36 | CP_QAM256  | 16.52 | -2 | 14.52 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 38@0 | CP_QAM256  | 16.32 | -2 | 14.32 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 18@9 | DFT_BPSK   | 22.8  | -2 | 20.8  | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@1  | DFT_BPSK   | 22.69 | -2 | 20.69 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@36 | DFT_BPSK   | 23.02 | -2 | 21.02 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 36@0 | DFT_BPSK   | 22.26 | -2 | 20.26 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 18@9 | DFT_QPSK   | 22.76 | -2 | 20.76 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@1  | DFT_QPSK   | 22.7  | -2 | 20.7  | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@36 | DFT_QPSK   | 22.81 | -2 | 20.81 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 36@0 | DFT_QPSK   | 21.81 | -2 | 19.81 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 18@9 | DFT_QAM16  | 21.83 | -2 | 19.83 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@1  | DFT_QAM16  | 21.95 | -2 | 19.95 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@36 | DFT_QAM16  | 22.02 | -2 | 20.02 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 36@0 | DFT_QAM16  | 20.94 | -2 | 18.94 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 18@9 | DFT_QAM64  | 20.43 | -2 | 18.43 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@1  | DFT_QAM64  | 20.03 | -2 | 18.03 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@36 | DFT_QAM64  | 20.3  | -2 | 18.3  | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 36@0 | DFT_QAM64  | 20.41 | -2 | 18.41 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 18@9 | DFT_QAM256 | 18.29 | -2 | 16.29 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@1  | DFT_QAM256 | 18.18 | -2 | 16.18 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@36 | DFT_QAM256 | 18.56 | -2 | 16.56 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 36@0 | DFT_QAM256 | 18.31 | -2 | 16.31 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 19@9 | CP_QPSK    | 21.34 | -2 | 19.34 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@1  | CP_QPSK    | 21.3  | -2 | 19.3  | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@36 | CP_QPSK    | 21.5  | -2 | 19.5  | 33.01 | PASS |

|     |    |    |        |      |            |       |    |       |       |      |
|-----|----|----|--------|------|------------|-------|----|-------|-------|------|
| n38 | 30 | 15 | 519000 | 38@0 | CP_QPSK    | 19.83 | -2 | 17.83 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 19@9 | CP_QAM16   | 20.84 | -2 | 18.84 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@1  | CP_QAM16   | 21.3  | -2 | 19.3  | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@36 | CP_QAM16   | 20.93 | -2 | 18.93 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 38@0 | CP_QAM16   | 19.86 | -2 | 17.86 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 19@9 | CP_QAM64   | 19.55 | -2 | 17.55 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@1  | CP_QAM64   | 19.77 | -2 | 17.77 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@36 | CP_QAM64   | 19.71 | -2 | 17.71 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 38@0 | CP_QAM64   | 19.46 | -2 | 17.46 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 19@9 | CP_QAM256  | 16.34 | -2 | 14.34 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@1  | CP_QAM256  | 16.45 | -2 | 14.45 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@36 | CP_QAM256  | 16.6  | -2 | 14.6  | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 38@0 | CP_QAM256  | 16.36 | -2 | 14.36 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 18@9 | DFT_BPSK   | 22.88 | -2 | 20.88 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@1  | DFT_BPSK   | 22.94 | -2 | 20.94 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@36 | DFT_BPSK   | 22.86 | -2 | 20.86 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 36@0 | DFT_BPSK   | 22.4  | -2 | 20.4  | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 18@9 | DFT_QPSK   | 22.87 | -2 | 20.87 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@1  | DFT_QPSK   | 22.91 | -2 | 20.91 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@36 | DFT_QPSK   | 22.66 | -2 | 20.66 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 36@0 | DFT_QPSK   | 21.93 | -2 | 19.93 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 18@9 | DFT_QAM16  | 21.97 | -2 | 19.97 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@1  | DFT_QAM16  | 22.23 | -2 | 20.23 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@36 | DFT_QAM16  | 22.1  | -2 | 20.1  | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 36@0 | DFT_QAM16  | 20.91 | -2 | 18.91 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 18@9 | DFT_QAM64  | 20.62 | -2 | 18.62 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@1  | DFT_QAM64  | 20.77 | -2 | 18.77 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@36 | DFT_QAM64  | 20.17 | -2 | 18.17 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 36@0 | DFT_QAM64  | 20.52 | -2 | 18.52 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 18@9 | DFT_QAM256 | 18.38 | -2 | 16.38 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@1  | DFT_QAM256 | 18.57 | -2 | 16.57 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@36 | DFT_QAM256 | 18.29 | -2 | 16.29 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 36@0 | DFT_QAM256 | 18.4  | -2 | 16.4  | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 19@9 | CP_QPSK    | 21.47 | -2 | 19.47 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@1  | CP_QPSK    | 21.49 | -2 | 19.49 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@36 | CP_QPSK    | 21.34 | -2 | 19.34 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 38@0 | CP_QPSK    | 19.93 | -2 | 17.93 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 19@9 | CP_QAM16   | 20.97 | -2 | 18.97 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@1  | CP_QAM16   | 21.47 | -2 | 19.47 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@36 | CP_QAM16   | 20.78 | -2 | 18.78 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 38@0 | CP_QAM16   | 19.92 | -2 | 17.92 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 19@9 | CP_QAM64   | 19.69 | -2 | 17.69 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@1  | CP_QAM64   | 19.96 | -2 | 17.96 | 33.01 | PASS |

|     |    |    |        |       |            |       |    |       |       |      |
|-----|----|----|--------|-------|------------|-------|----|-------|-------|------|
| n38 | 30 | 15 | 522500 | 1@36  | CP_QAM64   | 19.47 | -2 | 17.47 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 38@0  | CP_QAM64   | 19.45 | -2 | 17.45 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 19@9  | CP_QAM256  | 16.5  | -2 | 14.5  | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@1   | CP_QAM256  | 16.57 | -2 | 14.57 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@36  | CP_QAM256  | 16.44 | -2 | 14.44 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 38@0  | CP_QAM256  | 16.47 | -2 | 14.47 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 25@12 | DFT_BPSK   | 22.81 | -2 | 20.81 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@1   | DFT_BPSK   | 22.78 | -2 | 20.78 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@49  | DFT_BPSK   | 22.7  | -2 | 20.7  | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 50@0  | DFT_BPSK   | 22.31 | -2 | 20.31 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 25@12 | DFT_QPSK   | 22.87 | -2 | 20.87 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@1   | DFT_QPSK   | 22.77 | -2 | 20.77 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@49  | DFT_QPSK   | 22.64 | -2 | 20.64 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 50@0  | DFT_QPSK   | 21.78 | -2 | 19.78 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 25@12 | DFT_QAM16  | 21.82 | -2 | 19.82 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@1   | DFT_QAM16  | 21.97 | -2 | 19.97 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@49  | DFT_QAM16  | 21.84 | -2 | 19.84 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 50@0  | DFT_QAM16  | 20.86 | -2 | 18.86 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 25@12 | DFT_QAM64  | 20.33 | -2 | 18.33 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@1   | DFT_QAM64  | 20.24 | -2 | 18.24 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@49  | DFT_QAM64  | 20.56 | -2 | 18.56 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 50@0  | DFT_QAM64  | 20.3  | -2 | 18.3  | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 25@12 | DFT_QAM256 | 18.29 | -2 | 16.29 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@1   | DFT_QAM256 | 18.47 | -2 | 16.47 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@49  | DFT_QAM256 | 18.37 | -2 | 16.37 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 50@0  | DFT_QAM256 | 18.3  | -2 | 16.3  | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 25@12 | CP_QPSK    | 21.29 | -2 | 19.29 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@1   | CP_QPSK    | 21.35 | -2 | 19.35 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@49  | CP_QPSK    | 21.3  | -2 | 19.3  | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 51@0  | CP_QPSK    | 19.85 | -2 | 17.85 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 25@12 | CP_QAM16   | 20.86 | -2 | 18.86 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@1   | CP_QAM16   | 20.83 | -2 | 18.83 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@49  | CP_QAM16   | 20.74 | -2 | 18.74 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 51@0  | CP_QAM16   | 19.83 | -2 | 17.83 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 25@12 | CP_QAM64   | 19.56 | -2 | 17.56 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@1   | CP_QAM64   | 19.48 | -2 | 17.48 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@49  | CP_QAM64   | 19.71 | -2 | 17.71 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 51@0  | CP_QAM64   | 19.32 | -2 | 17.32 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 25@12 | CP_QAM256  | 16.43 | -2 | 14.43 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@1   | CP_QAM256  | 16.47 | -2 | 14.47 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@49  | CP_QAM256  | 16.42 | -2 | 14.42 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 51@0  | CP_QAM256  | 16.31 | -2 | 14.31 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 25@12 | DFT_BPSK   | 22.84 | -2 | 20.84 | 33.01 | PASS |

|     |    |    |        |       |            |       |    |       |       |      |
|-----|----|----|--------|-------|------------|-------|----|-------|-------|------|
| n38 | 30 | 20 | 519000 | 1@1   | DFT_BPSK   | 22.68 | -2 | 20.68 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@49  | DFT_BPSK   | 22.97 | -2 | 20.97 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 50@0  | DFT_BPSK   | 22.39 | -2 | 20.39 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 25@12 | DFT_QPSK   | 22.83 | -2 | 20.83 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@1   | DFT_QPSK   | 22.62 | -2 | 20.62 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@49  | DFT_QPSK   | 22.93 | -2 | 20.93 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 50@0  | DFT_QPSK   | 21.83 | -2 | 19.83 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 25@12 | DFT_QAM16  | 21.9  | -2 | 19.9  | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@1   | DFT_QAM16  | 21.83 | -2 | 19.83 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@49  | DFT_QAM16  | 21.98 | -2 | 19.98 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 50@0  | DFT_QAM16  | 20.9  | -2 | 18.9  | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 25@12 | DFT_QAM64  | 20.42 | -2 | 18.42 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@1   | DFT_QAM64  | 20.17 | -2 | 18.17 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@49  | DFT_QAM64  | 20.37 | -2 | 18.37 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 50@0  | DFT_QAM64  | 20.31 | -2 | 18.31 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 25@12 | DFT_QAM256 | 18.34 | -2 | 16.34 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@1   | DFT_QAM256 | 18.35 | -2 | 16.35 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@49  | DFT_QAM256 | 18.7  | -2 | 16.7  | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 50@0  | DFT_QAM256 | 18.31 | -2 | 16.31 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 25@12 | CP_QPSK    | 21.44 | -2 | 19.44 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@1   | CP_QPSK    | 21.2  | -2 | 19.2  | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@49  | CP_QPSK    | 21.48 | -2 | 19.48 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 51@0  | CP_QPSK    | 19.87 | -2 | 17.87 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 25@12 | CP_QAM16   | 20.92 | -2 | 18.92 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@1   | CP_QAM16   | 20.78 | -2 | 18.78 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@49  | CP_QAM16   | 21.41 | -2 | 19.41 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 51@0  | CP_QAM16   | 19.95 | -2 | 17.95 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 25@12 | CP_QAM64   | 19.46 | -2 | 17.46 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@1   | CP_QAM64   | 19.65 | -2 | 17.65 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@49  | CP_QAM64   | 19.84 | -2 | 17.84 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 51@0  | CP_QAM64   | 19.37 | -2 | 17.37 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 25@12 | CP_QAM256  | 16.47 | -2 | 14.47 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@1   | CP_QAM256  | 16.44 | -2 | 14.44 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@49  | CP_QAM256  | 16.73 | -2 | 14.73 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 51@0  | CP_QAM256  | 16.35 | -2 | 14.35 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 25@12 | DFT_BPSK   | 22.95 | -2 | 20.95 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@1   | DFT_BPSK   | 22.95 | -2 | 20.95 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@49  | DFT_BPSK   | 22.85 | -2 | 20.85 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 50@0  | DFT_BPSK   | 22.44 | -2 | 20.44 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 25@12 | DFT_QPSK   | 22.94 | -2 | 20.94 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@1   | DFT_QPSK   | 22.83 | -2 | 20.83 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@49  | DFT_QPSK   | 22.7  | -2 | 20.7  | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 50@0  | DFT_QPSK   | 21.91 | -2 | 19.91 | 33.01 | PASS |

|     |    |    |        |       |            |       |    |       |       |      |
|-----|----|----|--------|-------|------------|-------|----|-------|-------|------|
| n38 | 30 | 20 | 522000 | 25@12 | DFT_QAM16  | 22.04 | -2 | 20.04 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@1   | DFT_QAM16  | 22.1  | -2 | 20.1  | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@49  | DFT_QAM16  | 22.25 | -2 | 20.25 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 50@0  | DFT_QAM16  | 20.94 | -2 | 18.94 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 25@12 | DFT_QAM64  | 20.52 | -2 | 18.52 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@1   | DFT_QAM64  | 20.19 | -2 | 18.19 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@49  | DFT_QAM64  | 20.2  | -2 | 18.2  | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 50@0  | DFT_QAM64  | 20.45 | -2 | 18.45 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 25@12 | DFT_QAM256 | 18.43 | -2 | 16.43 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@1   | DFT_QAM256 | 18.3  | -2 | 16.3  | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@49  | DFT_QAM256 | 18.23 | -2 | 16.23 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 50@0  | DFT_QAM256 | 18.46 | -2 | 16.46 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 25@12 | CP_QPSK    | 21.46 | -2 | 19.46 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@1   | CP_QPSK    | 21.46 | -2 | 19.46 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@49  | CP_QPSK    | 21.32 | -2 | 19.32 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 51@0  | CP_QPSK    | 19.98 | -2 | 17.98 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 25@12 | CP_QAM16   | 21.03 | -2 | 19.03 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@1   | CP_QAM16   | 21.37 | -2 | 19.37 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@49  | CP_QAM16   | 21.18 | -2 | 19.18 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 51@0  | CP_QAM16   | 20.03 | -2 | 18.03 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 25@12 | CP_QAM64   | 19.56 | -2 | 17.56 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@1   | CP_QAM64   | 19.8  | -2 | 17.8  | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@49  | CP_QAM64   | 19.67 | -2 | 17.67 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 51@0  | CP_QAM64   | 19.58 | -2 | 17.58 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 25@12 | CP_QAM256  | 16.59 | -2 | 14.59 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@1   | CP_QAM256  | 16.56 | -2 | 14.56 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@49  | CP_QAM256  | 16.51 | -2 | 14.51 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 51@0  | CP_QAM256  | 16.43 | -2 | 14.43 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 50@25 | DFT_BPSK   | 22.8  | -2 | 20.8  | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@1   | DFT_BPSK   | 22.92 | -2 | 20.92 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@104 | DFT_BPSK   | 23    | -2 | 21    | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 100@0 | DFT_BPSK   | 22.39 | -2 | 20.39 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 50@25 | DFT_QPSK   | 22.8  | -2 | 20.8  | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@1   | DFT_QPSK   | 22.79 | -2 | 20.79 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@104 | DFT_QPSK   | 22.92 | -2 | 20.92 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 100@0 | DFT_QPSK   | 21.86 | -2 | 19.86 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 50@25 | DFT_QAM16  | 21.82 | -2 | 19.82 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@1   | DFT_QAM16  | 21.98 | -2 | 19.98 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@104 | DFT_QAM16  | 21.99 | -2 | 19.99 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 100@0 | DFT_QAM16  | 20.85 | -2 | 18.85 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 50@25 | DFT_QAM64  | 20.31 | -2 | 18.31 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@1   | DFT_QAM64  | 20.27 | -2 | 18.27 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@104 | DFT_QAM64  | 20.4  | -2 | 18.4  | 33.01 | PASS |

|     |    |    |        |       |            |       |    |       |       |      |
|-----|----|----|--------|-------|------------|-------|----|-------|-------|------|
| n38 | 30 | 40 | 518000 | 100@0 | DFT_QAM64  | 20.37 | -2 | 18.37 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 50@25 | DFT_QAM256 | 18.27 | -2 | 16.27 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@1   | DFT_QAM256 | 18.57 | -2 | 16.57 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@104 | DFT_QAM256 | 18.47 | -2 | 16.47 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 100@0 | DFT_QAM256 | 18.42 | -2 | 16.42 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 53@26 | CP_QPSK    | 21.25 | -2 | 19.25 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@1   | CP_QPSK    | 21.29 | -2 | 19.29 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@104 | CP_QPSK    | 21.47 | -2 | 19.47 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 106@0 | CP_QPSK    | 19.9  | -2 | 17.9  | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 53@26 | CP_QAM16   | 20.82 | -2 | 18.82 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@1   | CP_QAM16   | 21.25 | -2 | 19.25 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@104 | CP_QAM16   | 21.37 | -2 | 19.37 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 106@0 | CP_QAM16   | 19.9  | -2 | 17.9  | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 53@26 | CP_QAM64   | 19.35 | -2 | 17.35 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@1   | CP_QAM64   | 19.7  | -2 | 17.7  | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@104 | CP_QAM64   | 20.36 | -2 | 18.36 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 106@0 | CP_QAM64   | 19.36 | -2 | 17.36 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 53@26 | CP_QAM256  | 16.36 | -2 | 14.36 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@1   | CP_QAM256  | 16.29 | -2 | 14.29 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@104 | CP_QAM256  | 16.46 | -2 | 14.46 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 106@0 | CP_QAM256  | 16.38 | -2 | 14.38 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 50@25 | DFT_BPSK   | 22.83 | -2 | 20.83 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@1   | DFT_BPSK   | 22.87 | -2 | 20.87 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@104 | DFT_BPSK   | 22.99 | -2 | 20.99 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_BPSK   | 22.41 | -2 | 20.41 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 50@25 | DFT_QPSK   | 22.86 | -2 | 20.86 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@1   | DFT_QPSK   | 22.66 | -2 | 20.66 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@104 | DFT_QPSK   | 22.82 | -2 | 20.82 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_QPSK   | 21.82 | -2 | 19.82 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 50@25 | DFT_QAM16  | 21.88 | -2 | 19.88 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@1   | DFT_QAM16  | 22.2  | -2 | 20.2  | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@104 | DFT_QAM16  | 22.11 | -2 | 20.11 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_QAM16  | 20.87 | -2 | 18.87 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 50@25 | DFT_QAM64  | 20.35 | -2 | 18.35 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@1   | DFT_QAM64  | 20.06 | -2 | 18.06 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@104 | DFT_QAM64  | 20.22 | -2 | 18.22 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_QAM64  | 20.37 | -2 | 18.37 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 50@25 | DFT_QAM256 | 18.33 | -2 | 16.33 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@1   | DFT_QAM256 | 18.27 | -2 | 16.27 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@104 | DFT_QAM256 | 18.39 | -2 | 16.39 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_QAM256 | 18.39 | -2 | 16.39 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 53@26 | CP_QPSK    | 21.37 | -2 | 19.37 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@1   | CP_QPSK    | 21.21 | -2 | 19.21 | 33.01 | PASS |

|     |    |    |        |       |            |       |    |       |       |      |
|-----|----|----|--------|-------|------------|-------|----|-------|-------|------|
| n38 | 30 | 40 | 519000 | 1@104 | CP_QPSK    | 21.38 | -2 | 19.38 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 106@0 | CP_QPSK    | 19.92 | -2 | 17.92 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 53@26 | CP_QAM16   | 20.79 | -2 | 18.79 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@1   | CP_QAM16   | 20.61 | -2 | 18.61 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@104 | CP_QAM16   | 20.78 | -2 | 18.78 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 106@0 | CP_QAM16   | 19.84 | -2 | 17.84 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 53@26 | CP_QAM64   | 19.42 | -2 | 17.42 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@1   | CP_QAM64   | 19.63 | -2 | 17.63 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@104 | CP_QAM64   | 19.8  | -2 | 17.8  | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 106@0 | CP_QAM64   | 19.41 | -2 | 17.41 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 53@26 | CP_QAM256  | 16.4  | -2 | 14.4  | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@1   | CP_QAM256  | 16.33 | -2 | 14.33 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@104 | CP_QAM256  | 16.22 | -2 | 14.22 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 106@0 | CP_QAM256  | 16.43 | -2 | 14.43 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 50@25 | DFT_BPSK   | 22.89 | -2 | 20.89 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@1   | DFT_BPSK   | 22.74 | -2 | 20.74 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@104 | DFT_BPSK   | 22.83 | -2 | 20.83 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_BPSK   | 22.44 | -2 | 20.44 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 50@25 | DFT_QPSK   | 22.86 | -2 | 20.86 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@1   | DFT_QPSK   | 22.65 | -2 | 20.65 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@104 | DFT_QPSK   | 22.76 | -2 | 20.76 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_QPSK   | 21.85 | -2 | 19.85 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 50@25 | DFT_QAM16  | 21.89 | -2 | 19.89 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@1   | DFT_QAM16  | 22.06 | -2 | 20.06 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@104 | DFT_QAM16  | 22.02 | -2 | 20.02 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_QAM16  | 20.9  | -2 | 18.9  | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 50@25 | DFT_QAM64  | 20.46 | -2 | 18.46 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@1   | DFT_QAM64  | 20.13 | -2 | 18.13 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@104 | DFT_QAM64  | 20.07 | -2 | 18.07 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_QAM64  | 20.38 | -2 | 18.38 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 50@25 | DFT_QAM256 | 18.41 | -2 | 16.41 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@1   | DFT_QAM256 | 18.11 | -2 | 16.11 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@104 | DFT_QAM256 | 18.26 | -2 | 16.26 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_QAM256 | 18.42 | -2 | 16.42 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 53@26 | CP_QPSK    | 21.38 | -2 | 19.38 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@1   | CP_QPSK    | 21.14 | -2 | 19.14 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@104 | CP_QPSK    | 21.23 | -2 | 19.23 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 106@0 | CP_QPSK    | 19.91 | -2 | 17.91 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 53@26 | CP_QAM16   | 20.96 | -2 | 18.96 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@1   | CP_QAM16   | 20.58 | -2 | 18.58 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@104 | CP_QAM16   | 20.61 | -2 | 18.61 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 106@0 | CP_QAM16   | 19.84 | -2 | 17.84 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 53@26 | CP_QAM64   | 19.44 | -2 | 17.44 | 33.01 | PASS |

|     |    |    |        |       |           |       |    |       |       |      |
|-----|----|----|--------|-------|-----------|-------|----|-------|-------|------|
| n38 | 30 | 40 | 520000 | 1@1   | CP_QAM64  | 19.57 | -2 | 17.57 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@104 | CP_QAM64  | 19.66 | -2 | 17.66 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 106@0 | CP_QAM64  | 19.43 | -2 | 17.43 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 53@26 | CP_QAM256 | 16.43 | -2 | 14.43 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@1   | CP_QAM256 | 16.12 | -2 | 14.12 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@104 | CP_QAM256 | 16.18 | -2 | 14.18 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 106@0 | CP_QAM256 | 16.44 | -2 | 14.44 | 33.01 | PASS |

## 2 Frequency stability for NR FR1

### NT:

| Band | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | Voltage<br>(Vdc) | Result(H<br>z) | Result<br>(ppm) | Limit (ppm)                                   | Verdict |
|------|--------------|--------------------|---------------|------------------|------------|------------------|----------------|-----------------|-----------------------------------------------|---------|
| n38  | 30           | 40                 | 519000        | 50@25            | DFT_BPSK   | 3.91             | -10.73         | 0               | Within<br>authorized<br>band for 5G<br>NR n38 | PASS    |
| n38  | 30           | 40                 | 519000        | 50@25            | DFT_BPSK   | 3.45             | -11.91         | 0               |                                               | PASS    |
| n38  | 30           | 40                 | 519000        | 50@25            | DFT_BPSK   | 4.50             | -7.14          | 0               |                                               | PASS    |
| n38  | 30           | 40                 | 519000        | 50@25            | DFT_QPSK   | 3.91             | -9.02          | 0               |                                               | PASS    |
| n38  | 30           | 40                 | 519000        | 50@25            | DFT_QPSK   | 3.45             | -6.89          | 0               |                                               | PASS    |
| n38  | 30           | 40                 | 519000        | 50@25            | DFT_QPSK   | 4.50             | -13.12         | -0.01           |                                               | PASS    |

Note: Only the worst case shown in the report.

### NV:

| Band | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | Temper<br>ature(°C) | Result(H<br>z) | Result<br>(ppm) | Limit (ppm)                                   | Verdict |
|------|--------------|--------------------|---------------|------------------|------------|---------------------|----------------|-----------------|-----------------------------------------------|---------|
| n38  | 30           | 40                 | 519000        | 50@25            | DFT_BPSK   | -30                 | -6.49          | 0.00            | Within<br>authorized<br>band for 5G<br>NR n38 | PASS    |
| n38  | 30           | 40                 | 519000        | 50@25            | DFT_BPSK   | -20                 | -4.98          | 0.00            |                                               | PASS    |
| n38  | 30           | 40                 | 519000        | 50@25            | DFT_BPSK   | -10                 | -4.86          | 0.00            |                                               | PASS    |
| n38  | 30           | 40                 | 519000        | 50@25            | DFT_BPSK   | 0                   | -2.45          | 0.00            |                                               | PASS    |
| n38  | 30           | 40                 | 519000        | 50@25            | DFT_BPSK   | 10                  | -1.67          | 0.00            |                                               | PASS    |
| n38  | 30           | 40                 | 519000        | 50@25            | DFT_BPSK   | 20                  | -6.81          | 0.00            |                                               | PASS    |
| n38  | 30           | 40                 | 519000        | 50@25            | DFT_BPSK   | 30                  | -4.7           | 0.00            |                                               | PASS    |
| n38  | 30           | 40                 | 519000        | 50@25            | DFT_BPSK   | 40                  | -5.94          | 0.00            |                                               | PASS    |
| n38  | 30           | 40                 | 519000        | 50@25            | DFT_BPSK   | 50                  | -4.76          | 0.00            |                                               | PASS    |
| n38  | 30           | 40                 | 519000        | 50@25            | DFT_QPSK   | -30                 | -1.7           | 0.00            |                                               | PASS    |
| n38  | 30           | 40                 | 519000        | 50@25            | DFT_QPSK   | -20                 | -6.78          | 0.00            |                                               | PASS    |
| n38  | 30           | 40                 | 519000        | 50@25            | DFT_QPSK   | -10                 | -5.05          | 0.00            |                                               | PASS    |
| n38  | 30           | 40                 | 519000        | 50@25            | DFT_QPSK   | 0                   | -4.41          | 0.00            |                                               | PASS    |
| n38  | 30           | 40                 | 519000        | 50@25            | DFT_QPSK   | 10                  | -6.7           | 0.00            |                                               | PASS    |
| n38  | 30           | 40                 | 519000        | 50@25            | DFT_QPSK   | 20                  | -5.48          | 0.00            |                                               | PASS    |
| n38  | 30           | 40                 | 519000        | 50@25            | DFT_QPSK   | 30                  | -6.33          | 0.00            |                                               | PASS    |
| n38  | 30           | 40                 | 519000        | 50@25            | DFT_QPSK   | 40                  | -4.76          | 0.00            |                                               | PASS    |
| n38  | 30           | 40                 | 519000        | 50@25            | DFT_QPSK   | 50                  | -5.16          | 0.00            |                                               | PASS    |

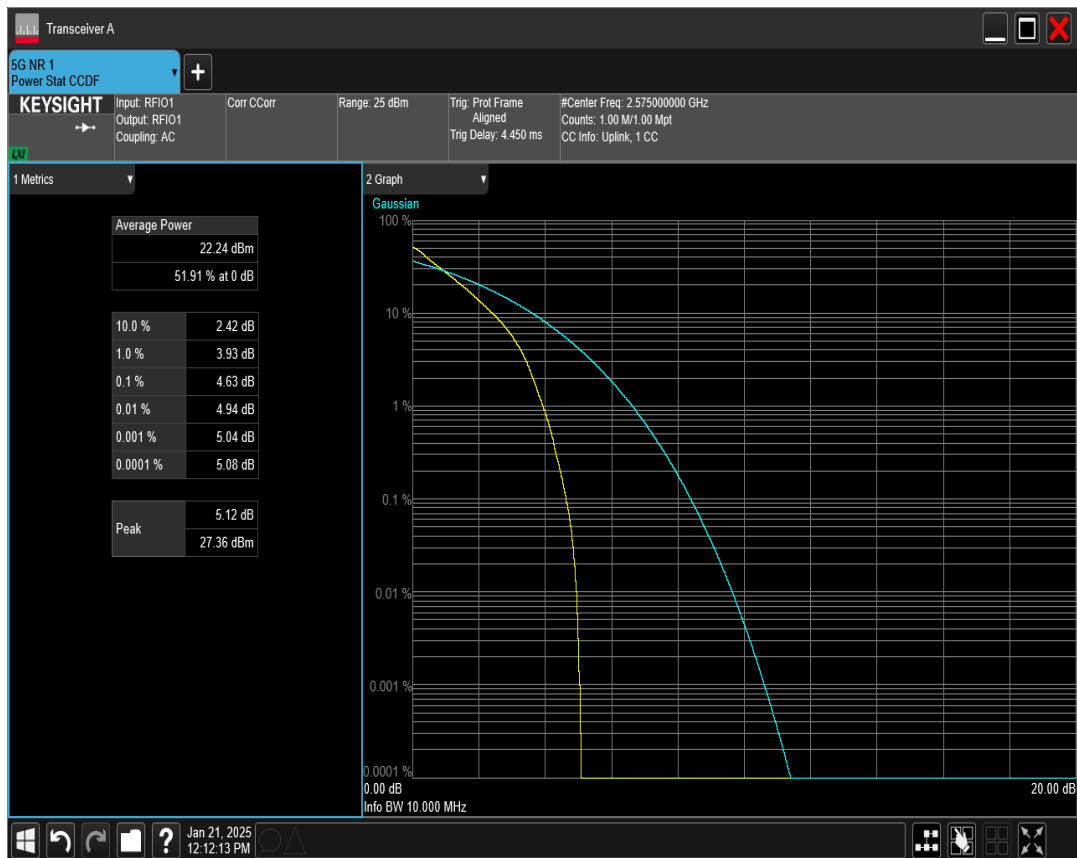
Note: Only the worst case shown in the report.

### 3 Peak-to-Average Ratio for NR FR1

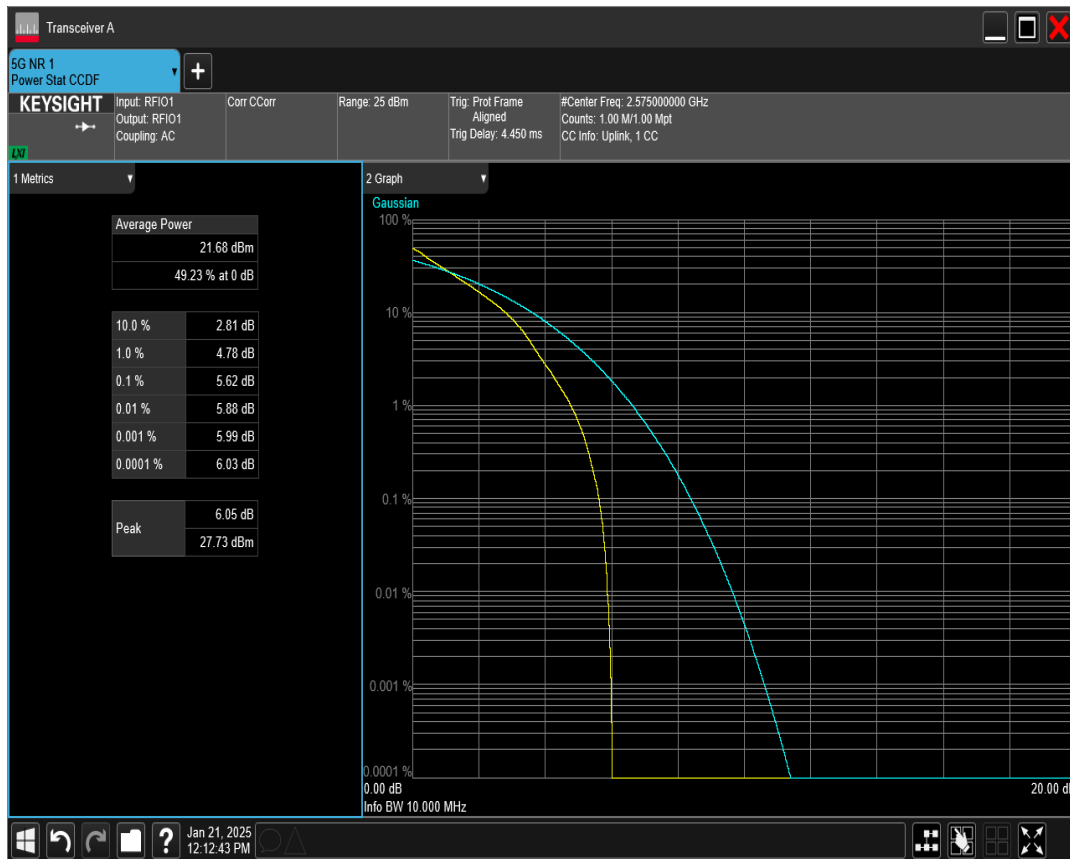
| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Result (dB) | high Limit (dB) | Verdict |
|------|-----------|-----------------|------------|---------------|------------|-------------|-----------------|---------|
| n38  | 30        | 10              | 515000     | 24@0          | DFT_BPSK   | 4.63        | 13              | PASS    |
| n38  | 30        | 10              | 515000     | 24@0          | DFT_QPSK   | 5.62        | 13              | PASS    |
| n38  | 30        | 10              | 515000     | 24@0          | DFT_QAM16  | 6.34        | 13              | PASS    |
| n38  | 30        | 10              | 515000     | 24@0          | DFT_QAM64  | 6.80        | 13              | PASS    |
| n38  | 30        | 10              | 515000     | 24@0          | DFT_QAM256 | 7.46        | 13              | PASS    |
| n38  | 30        | 10              | 519000     | 24@0          | DFT_BPSK   | 4.69        | 13              | PASS    |
| n38  | 30        | 10              | 519000     | 24@0          | DFT_QPSK   | 5.70        | 13              | PASS    |
| n38  | 30        | 10              | 519000     | 24@0          | DFT_QAM16  | 6.36        | 13              | PASS    |
| n38  | 30        | 10              | 519000     | 24@0          | DFT_QAM64  | 6.85        | 13              | PASS    |
| n38  | 30        | 10              | 519000     | 24@0          | DFT_QAM256 | 7.40        | 13              | PASS    |
| n38  | 30        | 10              | 523000     | 24@0          | DFT_BPSK   | 4.61        | 13              | PASS    |
| n38  | 30        | 10              | 523000     | 24@0          | DFT_QPSK   | 5.61        | 13              | PASS    |
| n38  | 30        | 10              | 523000     | 24@0          | DFT_QAM16  | 6.32        | 13              | PASS    |
| n38  | 30        | 10              | 523000     | 24@0          | DFT_QAM64  | 6.78        | 13              | PASS    |
| n38  | 30        | 10              | 523000     | 24@0          | DFT_QAM256 | 7.40        | 13              | PASS    |
| n38  | 30        | 15              | 515500     | 36@0          | DFT_BPSK   | 4.50        | 13              | PASS    |
| n38  | 30        | 15              | 515500     | 36@0          | DFT_QPSK   | 5.63        | 13              | PASS    |
| n38  | 30        | 15              | 515500     | 36@0          | DFT_QAM16  | 6.43        | 13              | PASS    |
| n38  | 30        | 15              | 515500     | 36@0          | DFT_QAM64  | 6.70        | 13              | PASS    |
| n38  | 30        | 15              | 515500     | 36@0          | DFT_QAM256 | 7.30        | 13              | PASS    |
| n38  | 30        | 15              | 519000     | 36@0          | DFT_BPSK   | 4.53        | 13              | PASS    |
| n38  | 30        | 15              | 519000     | 36@0          | DFT_QPSK   | 5.72        | 13              | PASS    |
| n38  | 30        | 15              | 519000     | 36@0          | DFT_QAM16  | 6.49        | 13              | PASS    |
| n38  | 30        | 15              | 519000     | 36@0          | DFT_QAM64  | 6.75        | 13              | PASS    |
| n38  | 30        | 15              | 519000     | 36@0          | DFT_QAM256 | 7.36        | 13              | PASS    |
| n38  | 30        | 15              | 522500     | 36@0          | DFT_BPSK   | 4.48        | 13              | PASS    |
| n38  | 30        | 15              | 522500     | 36@0          | DFT_QPSK   | 5.62        | 13              | PASS    |
| n38  | 30        | 15              | 522500     | 36@0          | DFT_QAM16  | 6.42        | 13              | PASS    |
| n38  | 30        | 15              | 522500     | 36@0          | DFT_QAM64  | 6.70        | 13              | PASS    |
| n38  | 30        | 15              | 522500     | 36@0          | DFT_QAM256 | 7.31        | 13              | PASS    |
| n38  | 30        | 20              | 516000     | 50@0          | DFT_BPSK   | 4.55        | 13              | PASS    |
| n38  | 30        | 20              | 516000     | 50@0          | DFT_QPSK   | 5.62        | 13              | PASS    |
| n38  | 30        | 20              | 516000     | 50@0          | DFT_QAM16  | 6.34        | 13              | PASS    |
| n38  | 30        | 20              | 516000     | 50@0          | DFT_QAM64  | 6.79        | 13              | PASS    |
| n38  | 30        | 20              | 516000     | 50@0          | DFT_QAM256 | 7.19        | 13              | PASS    |
| n38  | 30        | 20              | 519000     | 50@0          | DFT_BPSK   | 4.59        | 13              | PASS    |
| n38  | 30        | 20              | 519000     | 50@0          | DFT_QPSK   | 5.63        | 13              | PASS    |
| n38  | 30        | 20              | 519000     | 50@0          | DFT_QAM16  | 6.37        | 13              | PASS    |
| n38  | 30        | 20              | 519000     | 50@0          | DFT_QAM64  | 6.83        | 13              | PASS    |
| n38  | 30        | 20              | 519000     | 50@0          | DFT_QAM256 | 7.31        | 13              | PASS    |

|     |    |    |        |       |            |      |    |      |
|-----|----|----|--------|-------|------------|------|----|------|
| n38 | 30 | 20 | 522000 | 50@0  | DFT_BPSK   | 4.53 | 13 | PASS |
| n38 | 30 | 20 | 522000 | 50@0  | DFT_QPSK   | 5.58 | 13 | PASS |
| n38 | 30 | 20 | 522000 | 50@0  | DFT_QAM16  | 6.26 | 13 | PASS |
| n38 | 30 | 20 | 522000 | 50@0  | DFT_QAM64  | 6.76 | 13 | PASS |
| n38 | 30 | 20 | 522000 | 50@0  | DFT_QAM256 | 7.21 | 13 | PASS |
| n38 | 30 | 40 | 518000 | 100@0 | DFT_BPSK   | 4.68 | 13 | PASS |
| n38 | 30 | 40 | 518000 | 100@0 | DFT_QPSK   | 5.73 | 13 | PASS |
| n38 | 30 | 40 | 518000 | 100@0 | DFT_QAM16  | 6.57 | 13 | PASS |
| n38 | 30 | 40 | 518000 | 100@0 | DFT_QAM64  | 6.82 | 13 | PASS |
| n38 | 30 | 40 | 518000 | 100@0 | DFT_QAM256 | 7.30 | 13 | PASS |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_BPSK   | 4.69 | 13 | PASS |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_QPSK   | 5.74 | 13 | PASS |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_QAM16  | 6.54 | 13 | PASS |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_QAM64  | 6.80 | 13 | PASS |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_QAM256 | 7.36 | 13 | PASS |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_BPSK   | 4.65 | 13 | PASS |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_QPSK   | 5.75 | 13 | PASS |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_QAM16  | 6.56 | 13 | PASS |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_QAM64  | 6.76 | 13 | PASS |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_QAM256 | 7.30 | 13 | PASS |

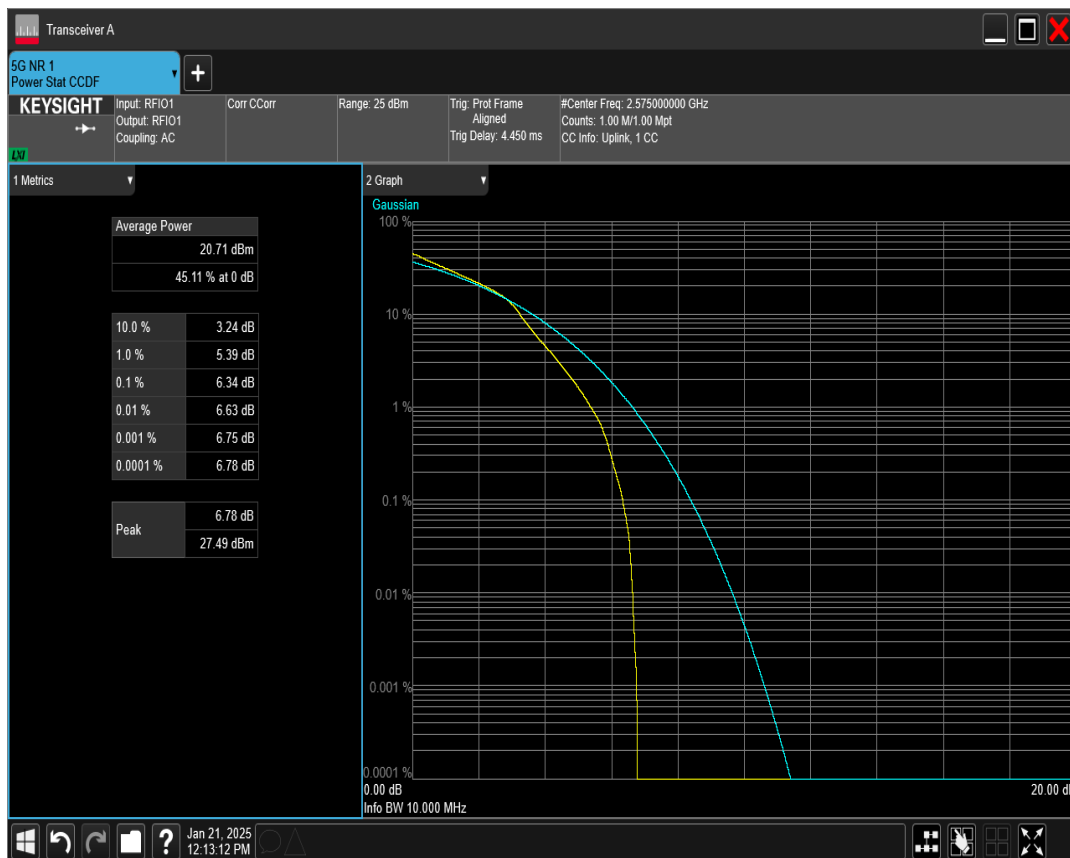
n38 SCS=30kHz DFT\_BPSK BW=10MHz Channel=515000 RB=24@0



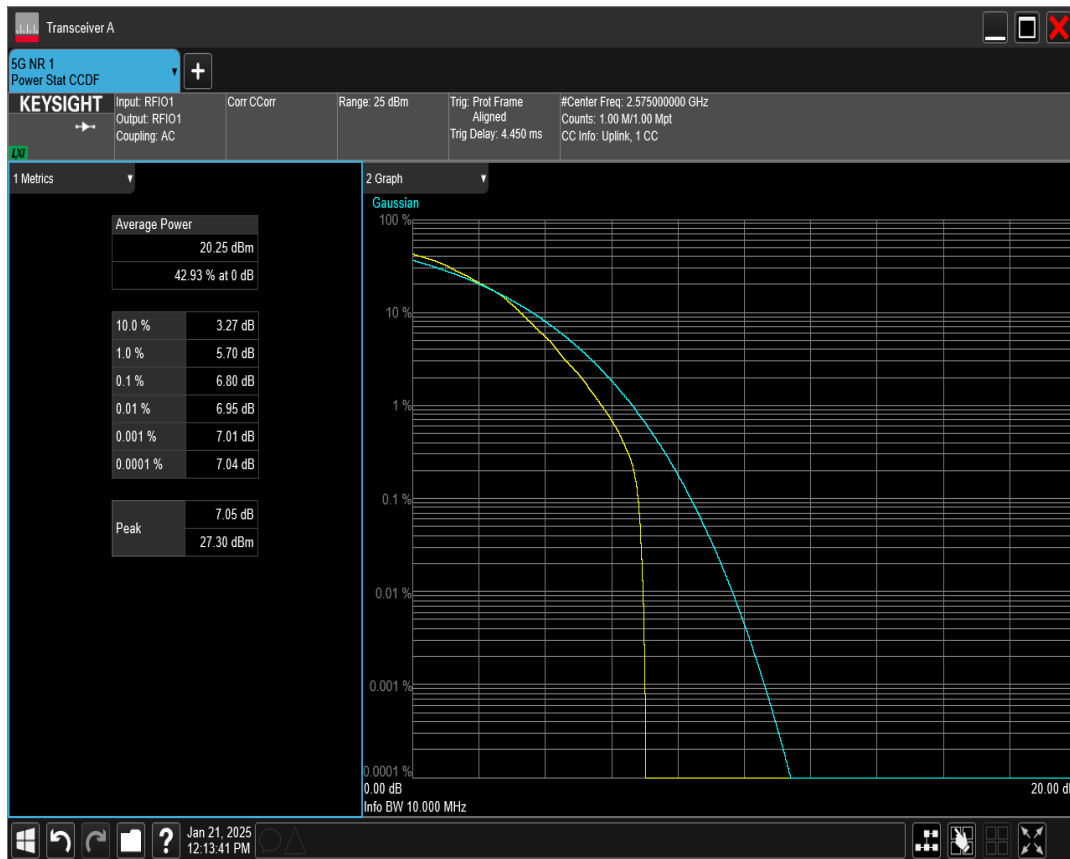
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=515000 RB=24@0



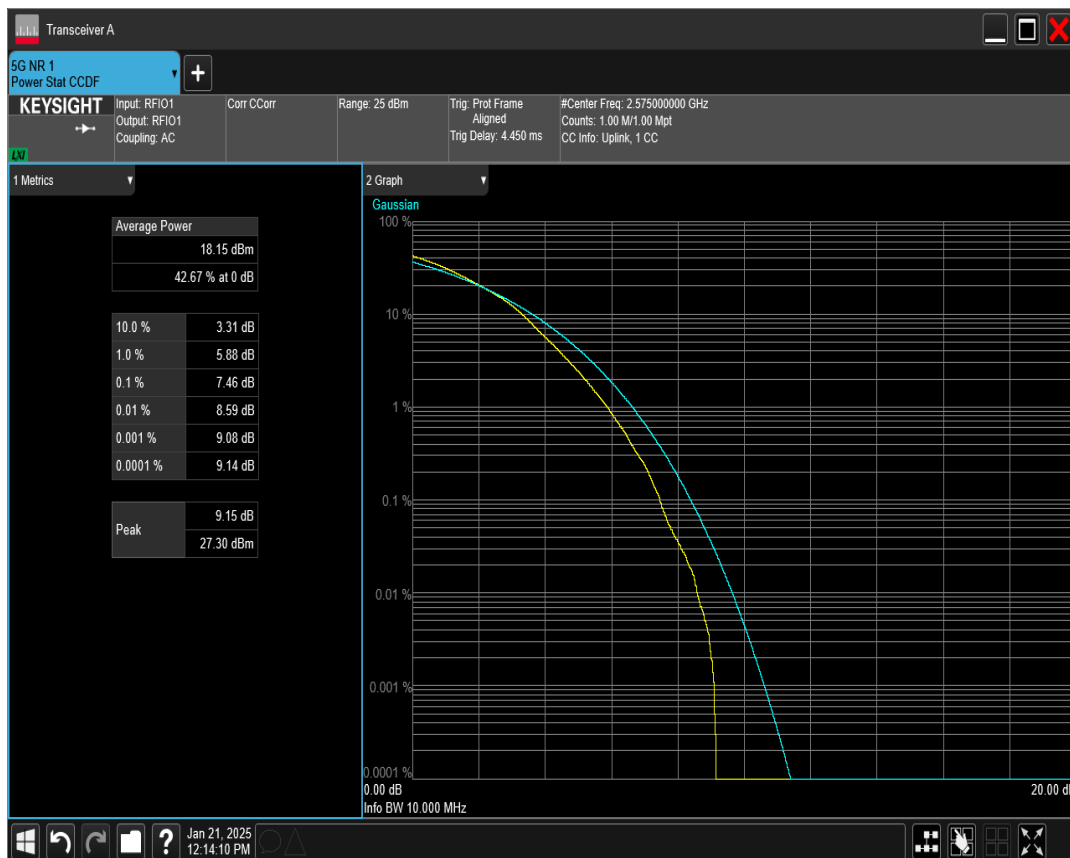
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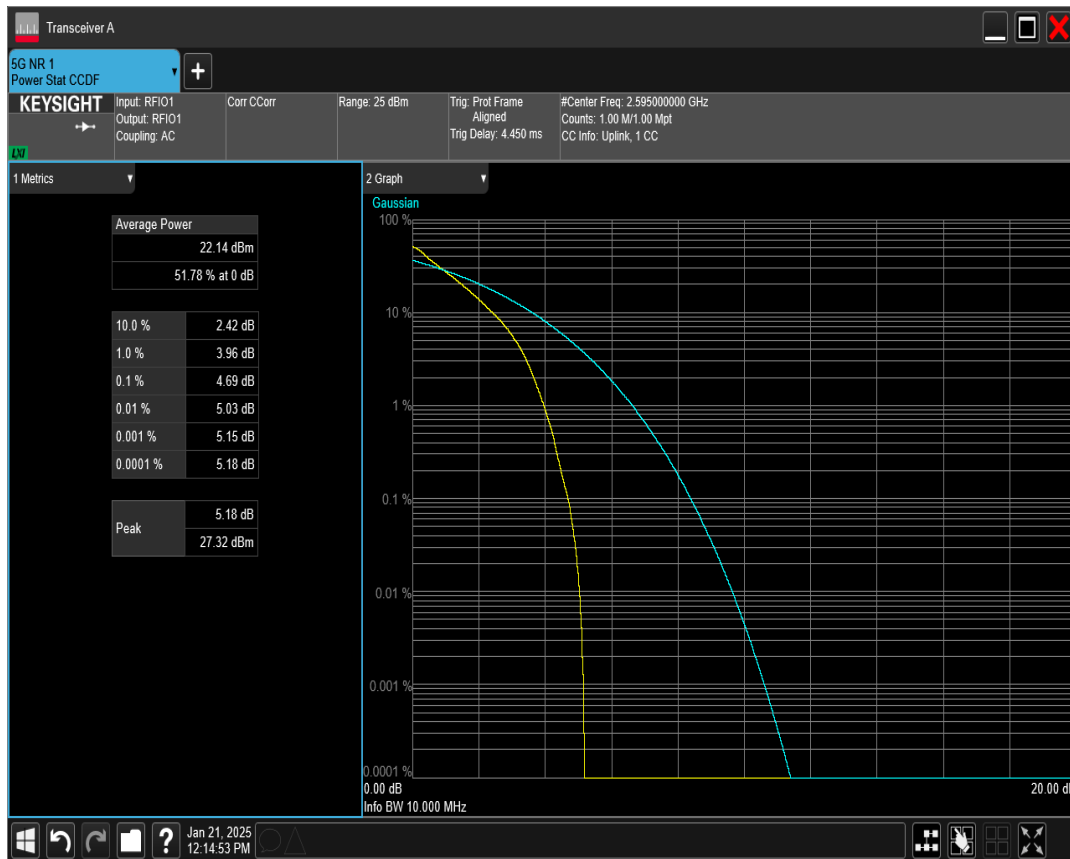
n38 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=515000 RB=24@0



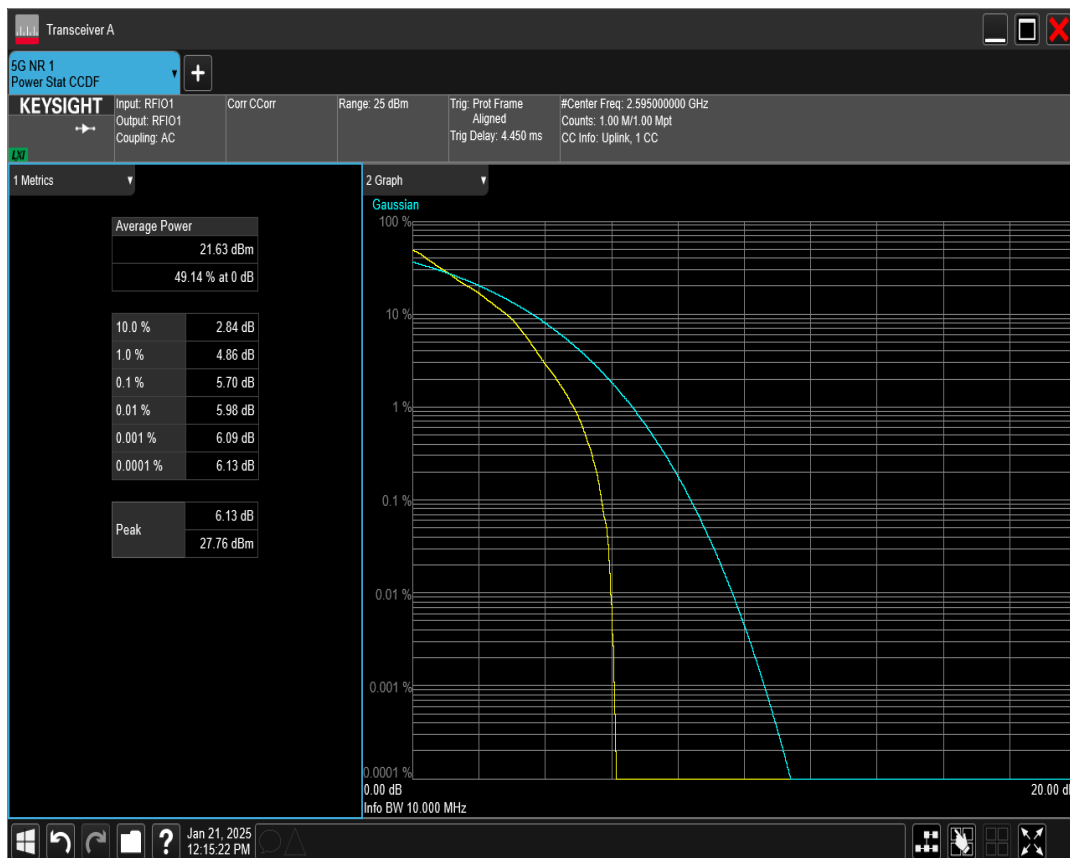
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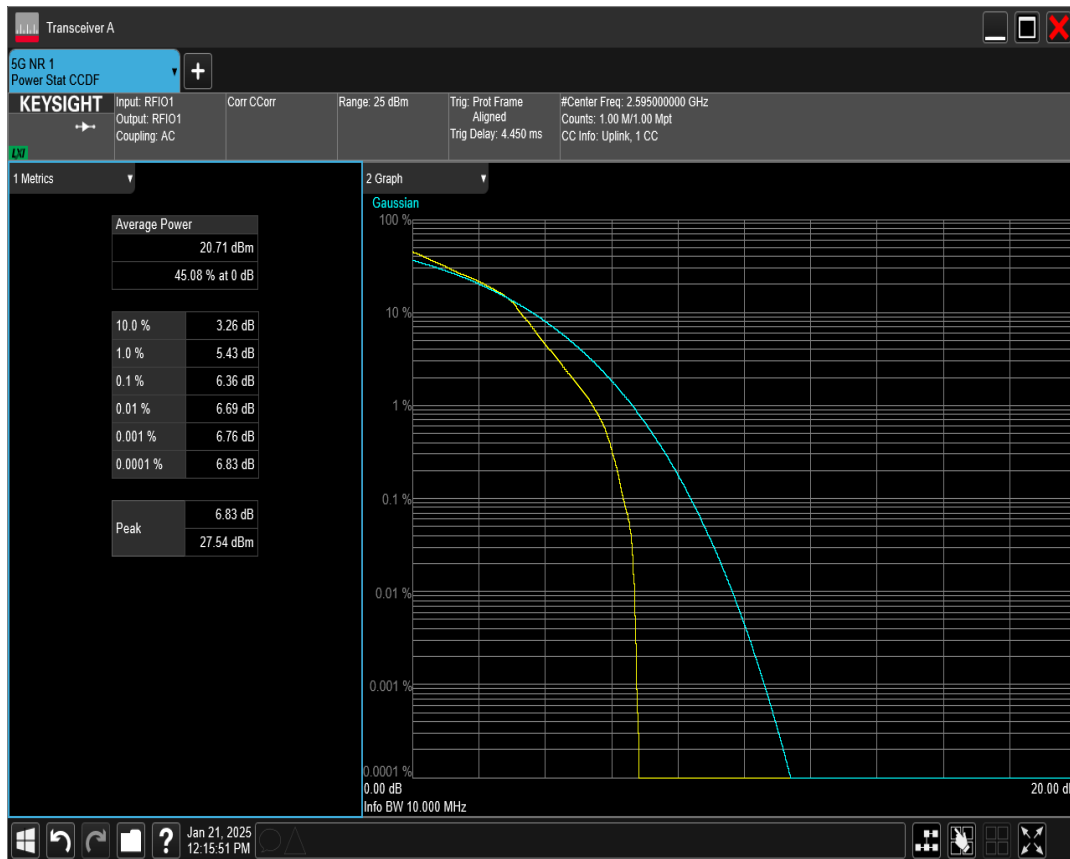
n38 SCS=30kHz DFT\_BPSK BW=10MHz Channel=519000 RB=24@0



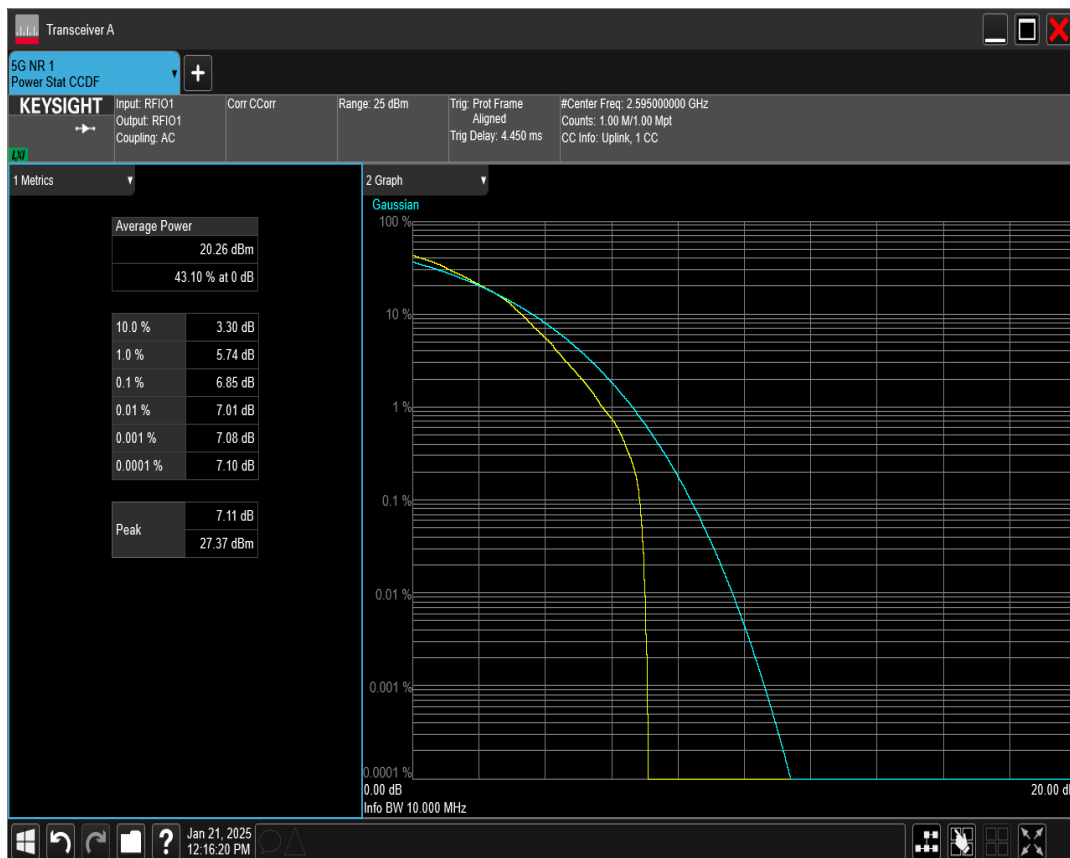
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=519000 RB=24@0



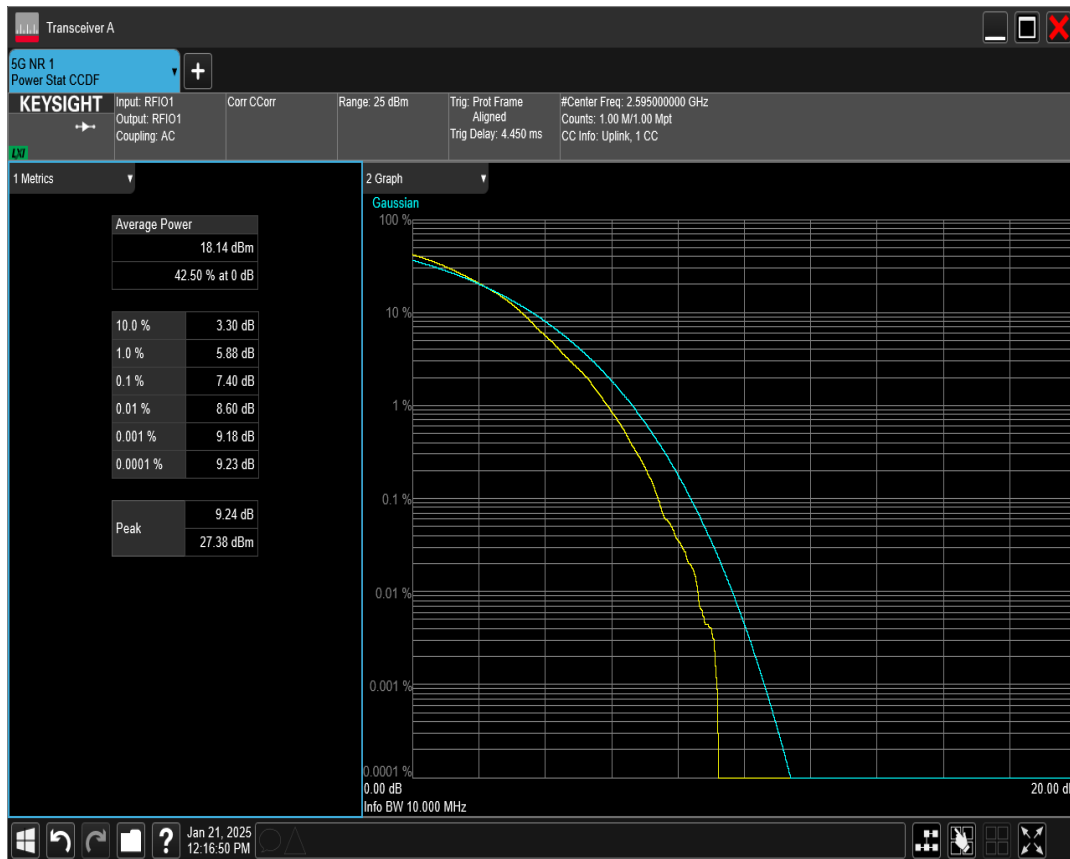
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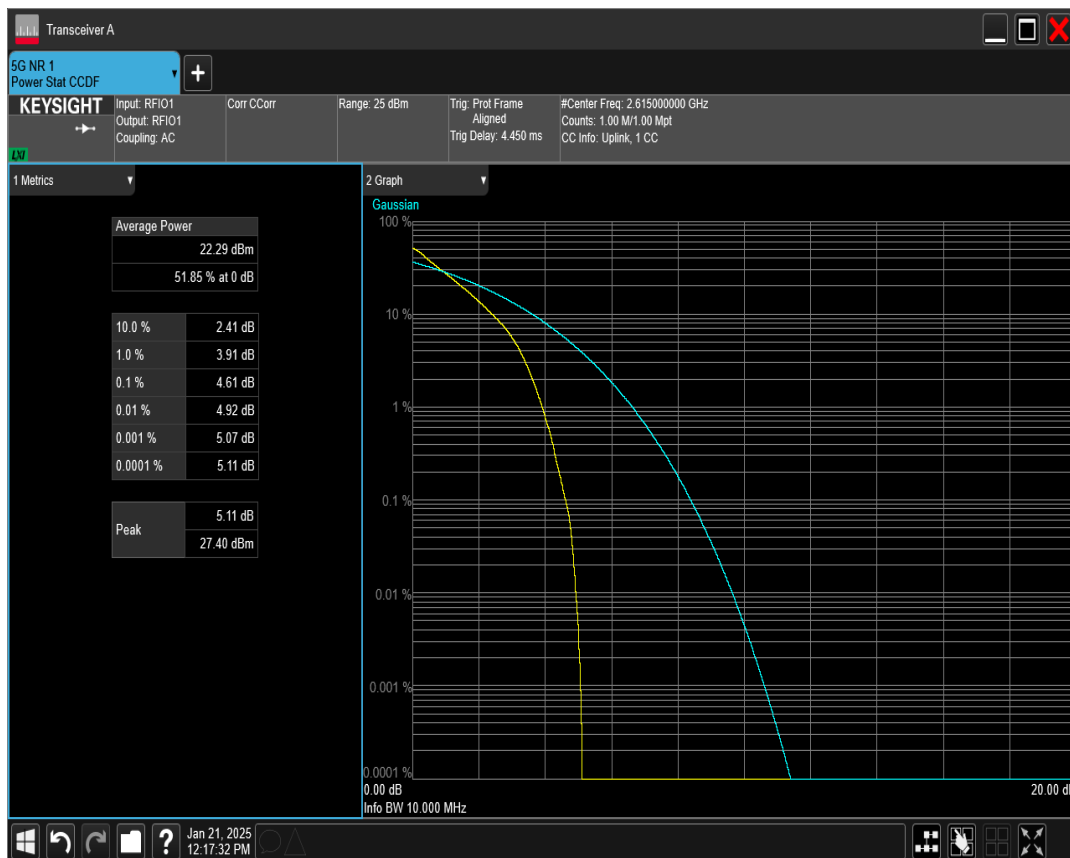
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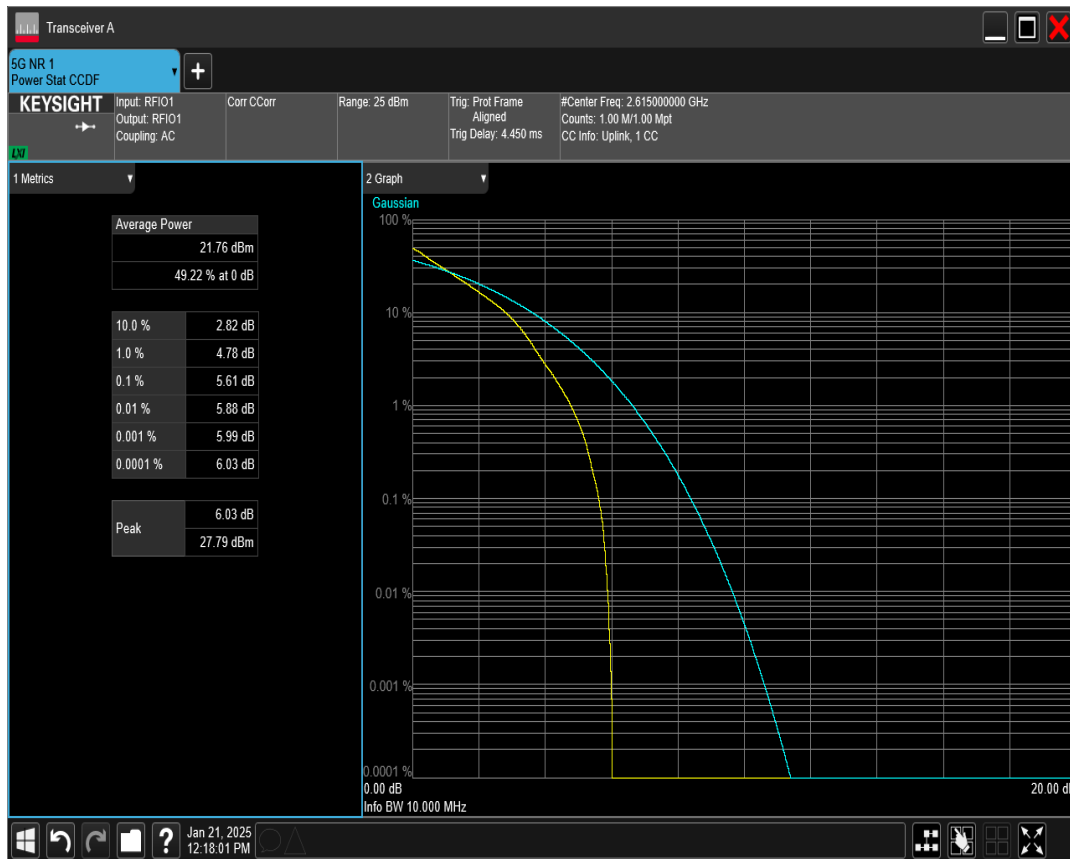
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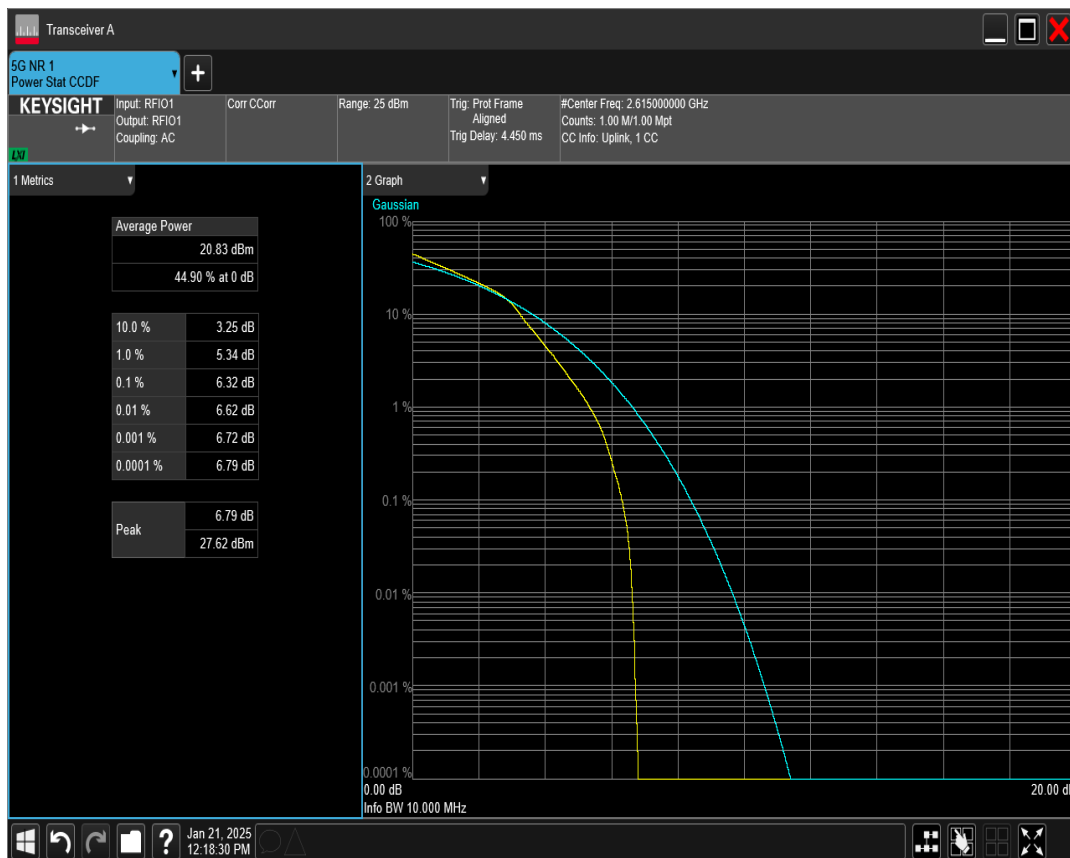
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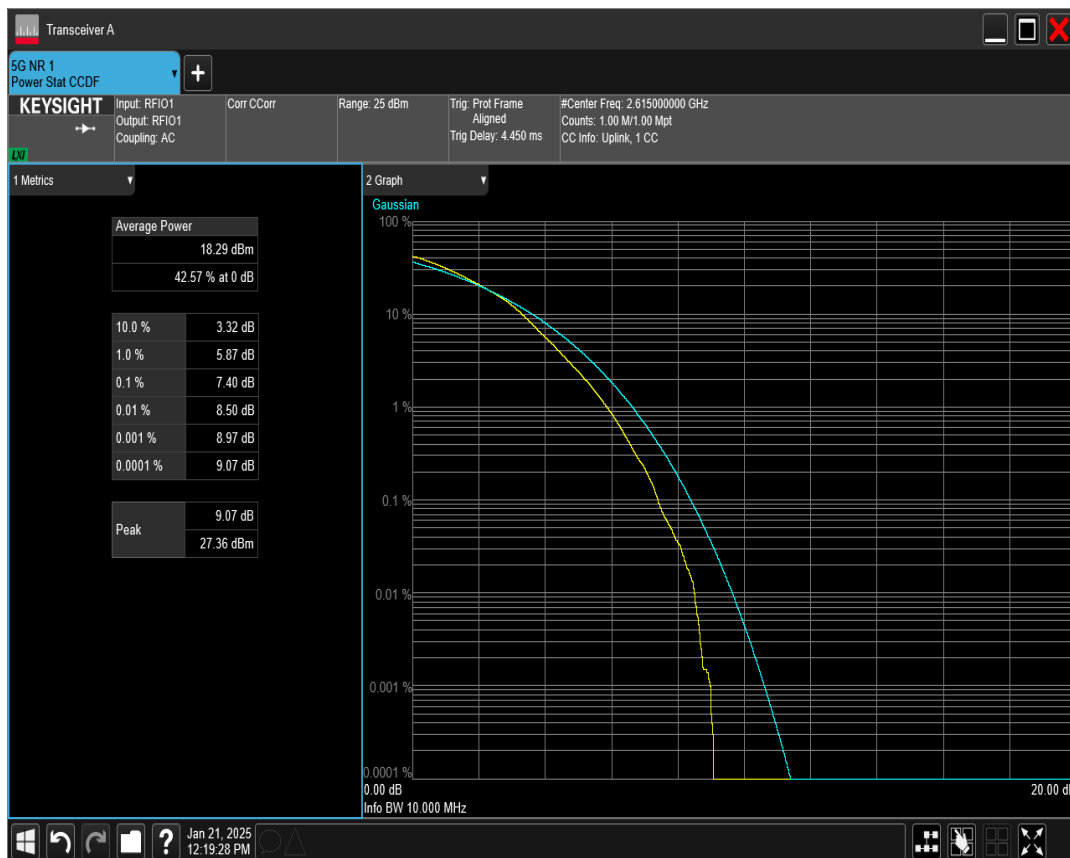
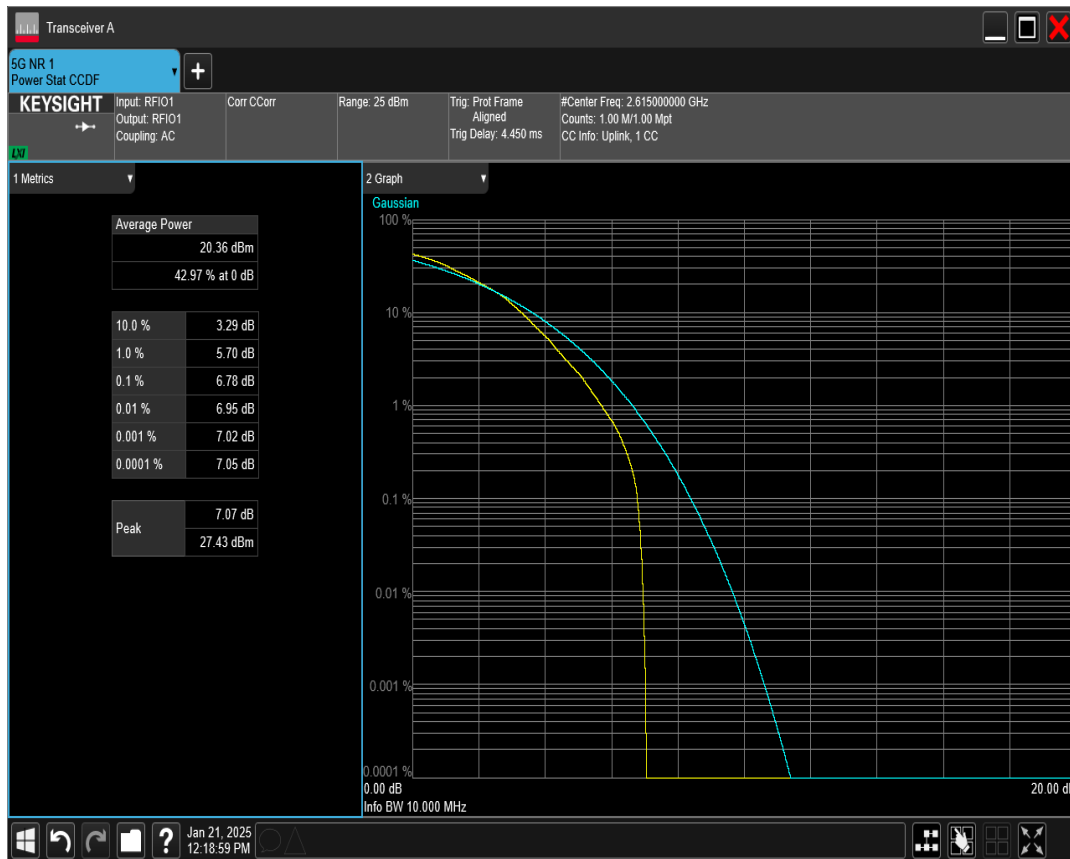
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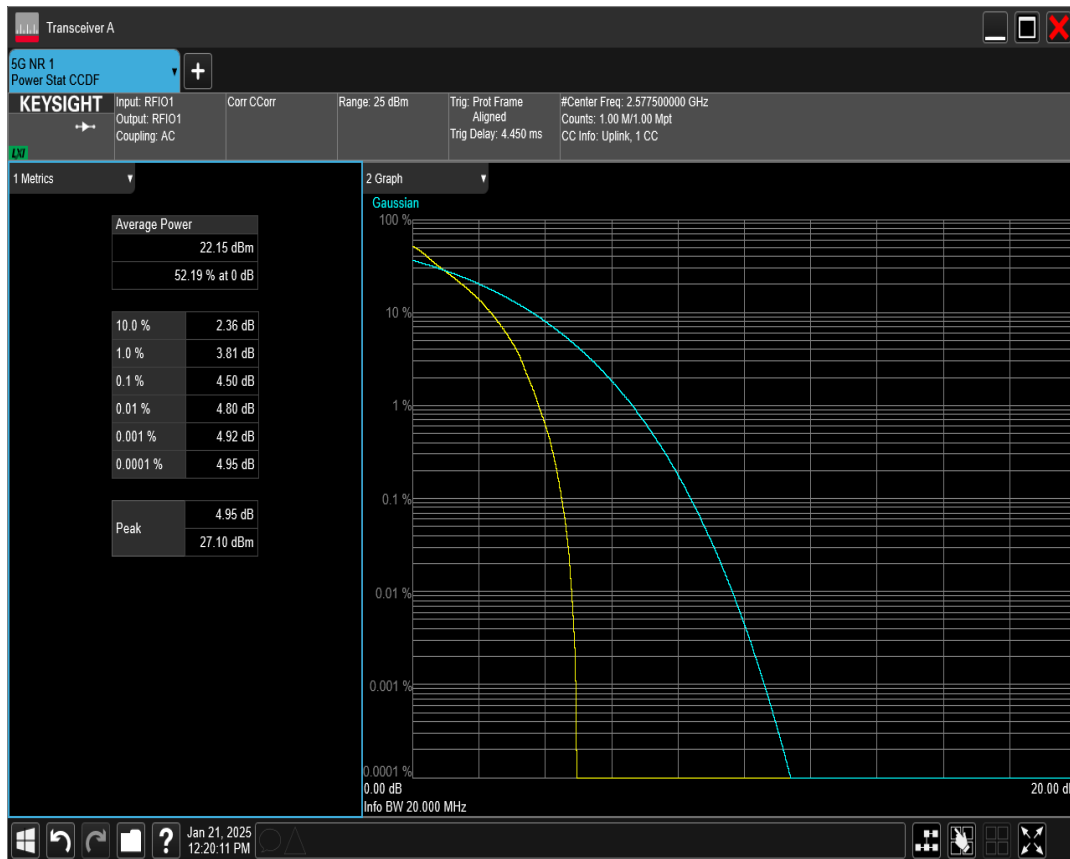


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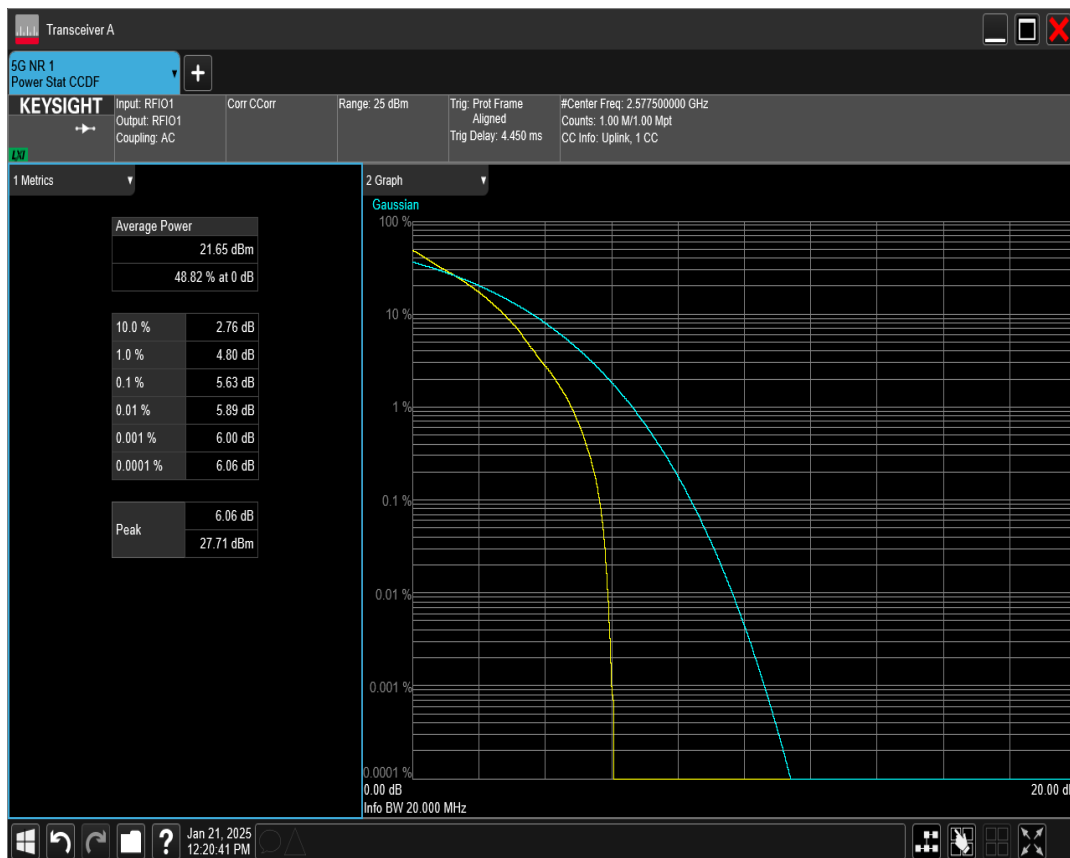


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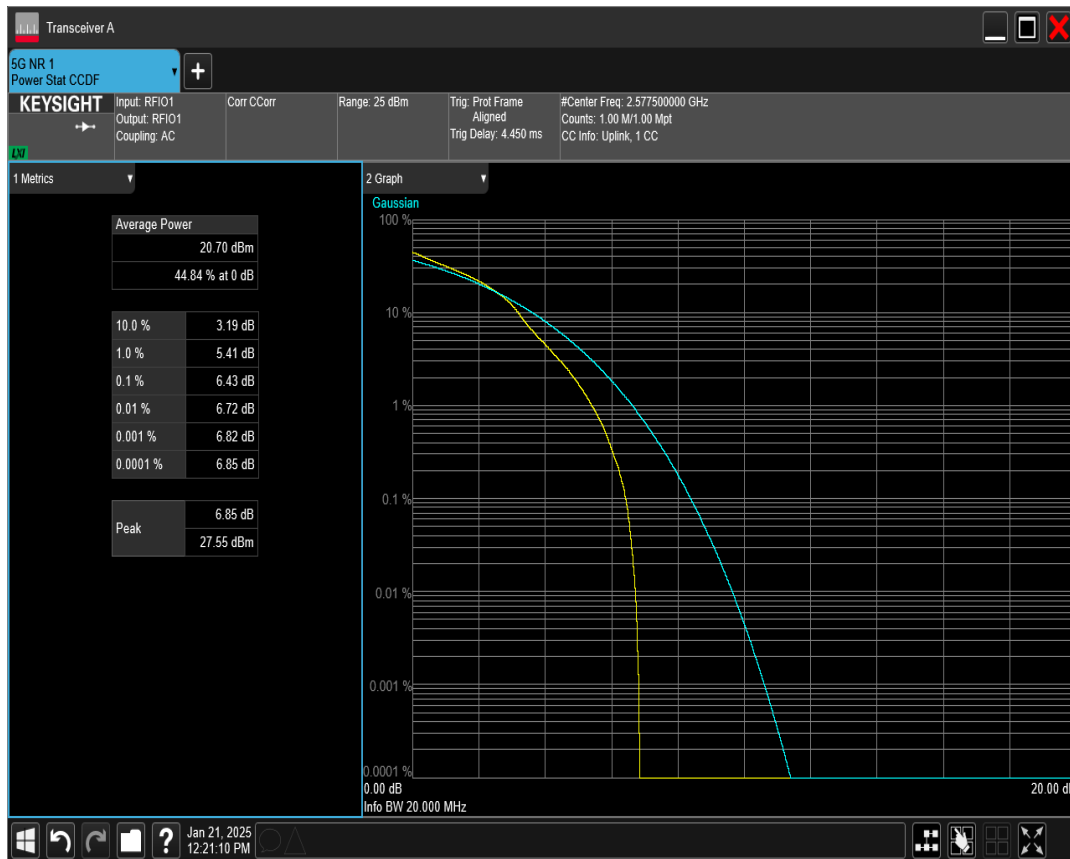




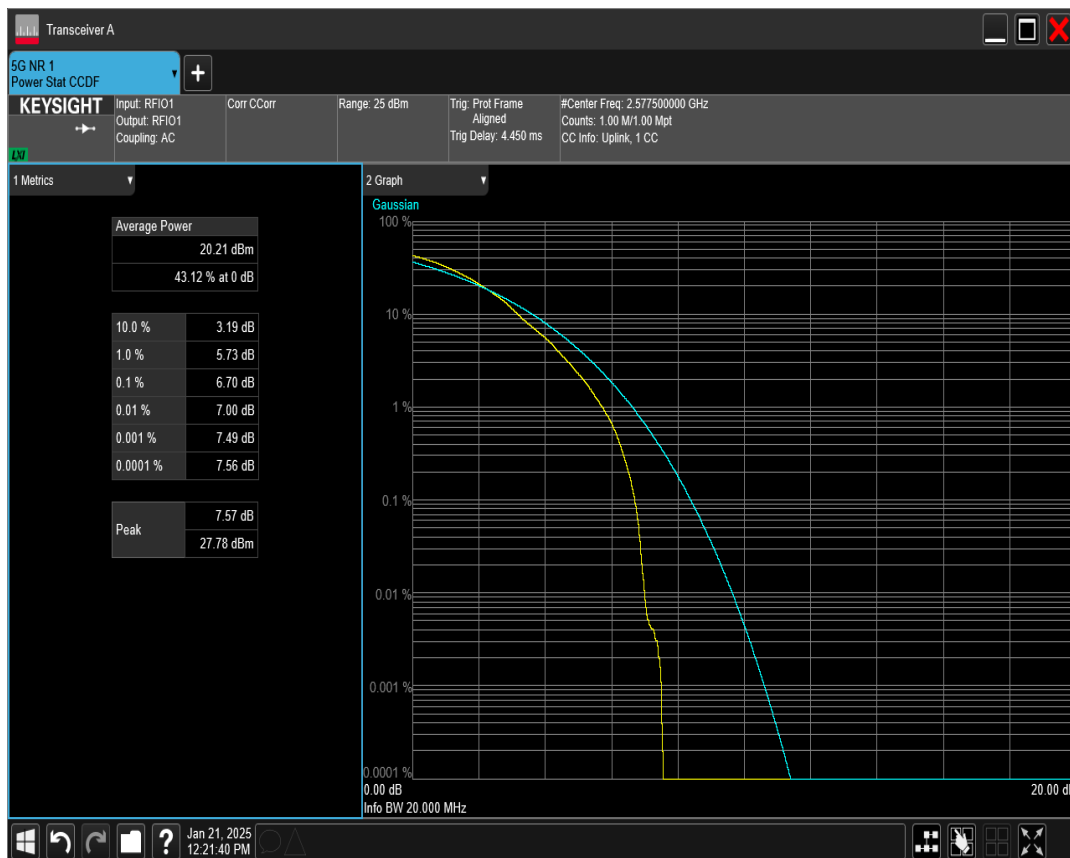
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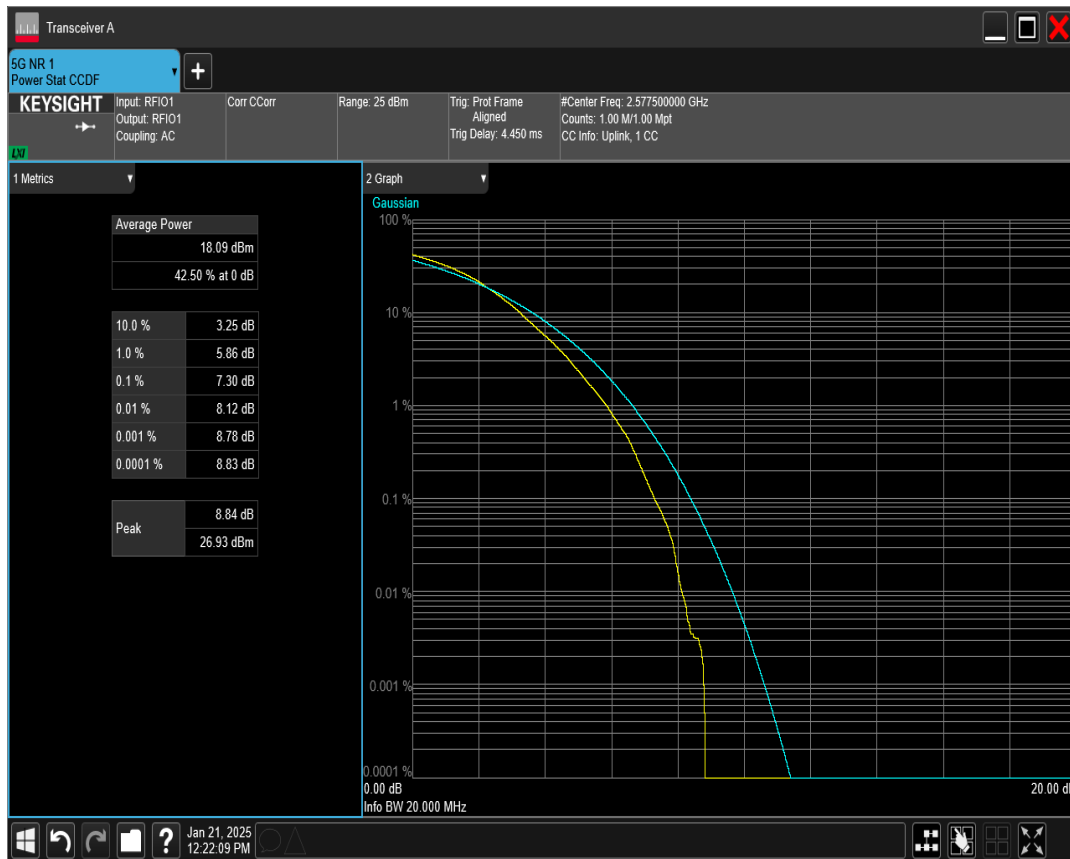
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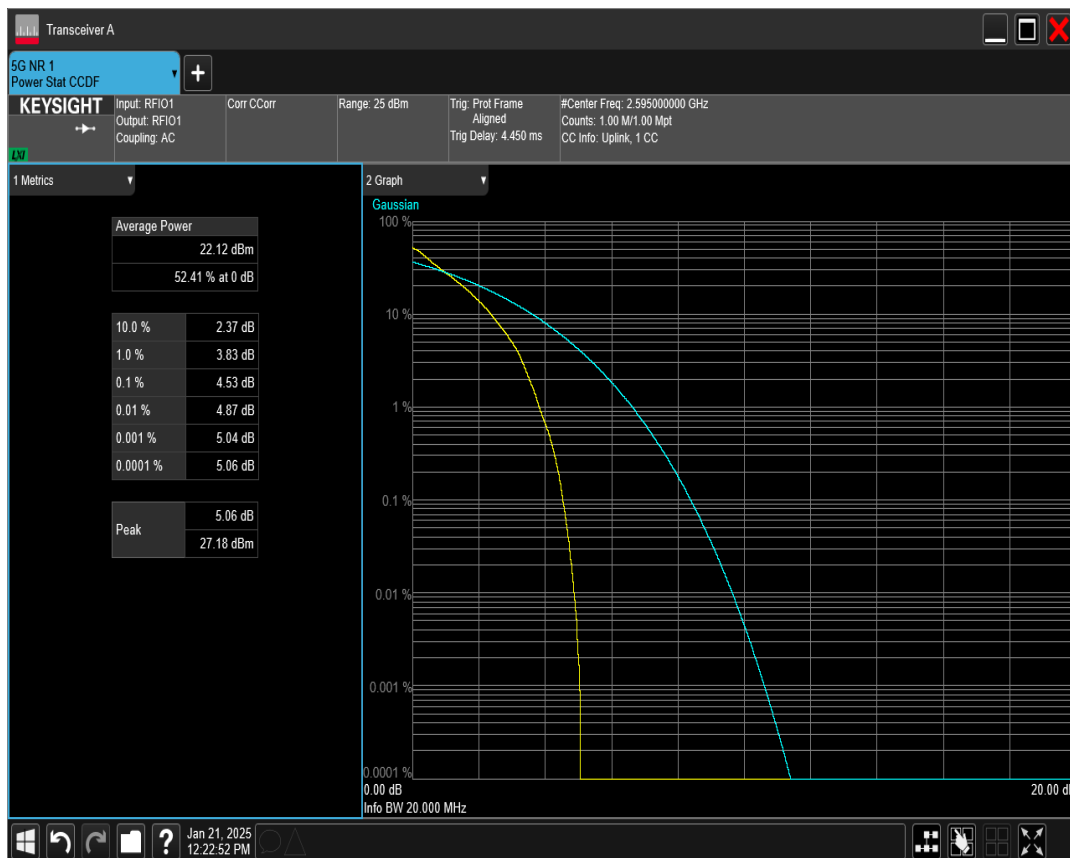
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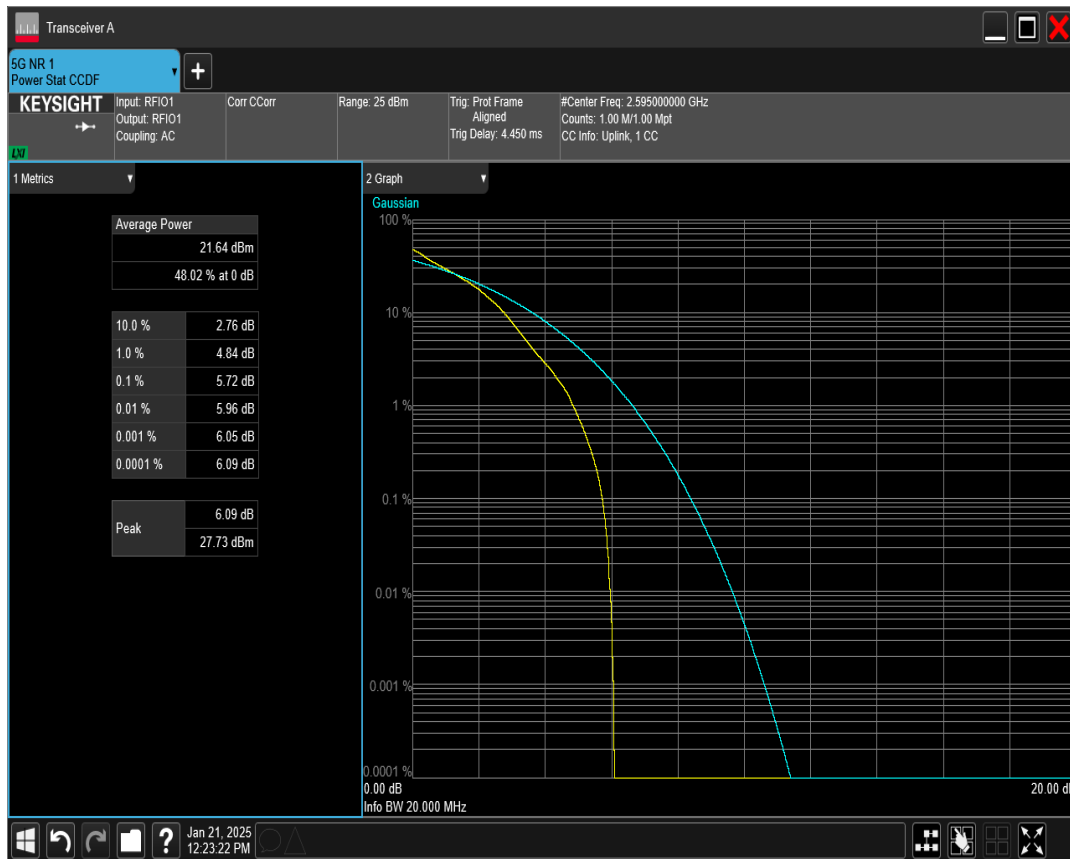
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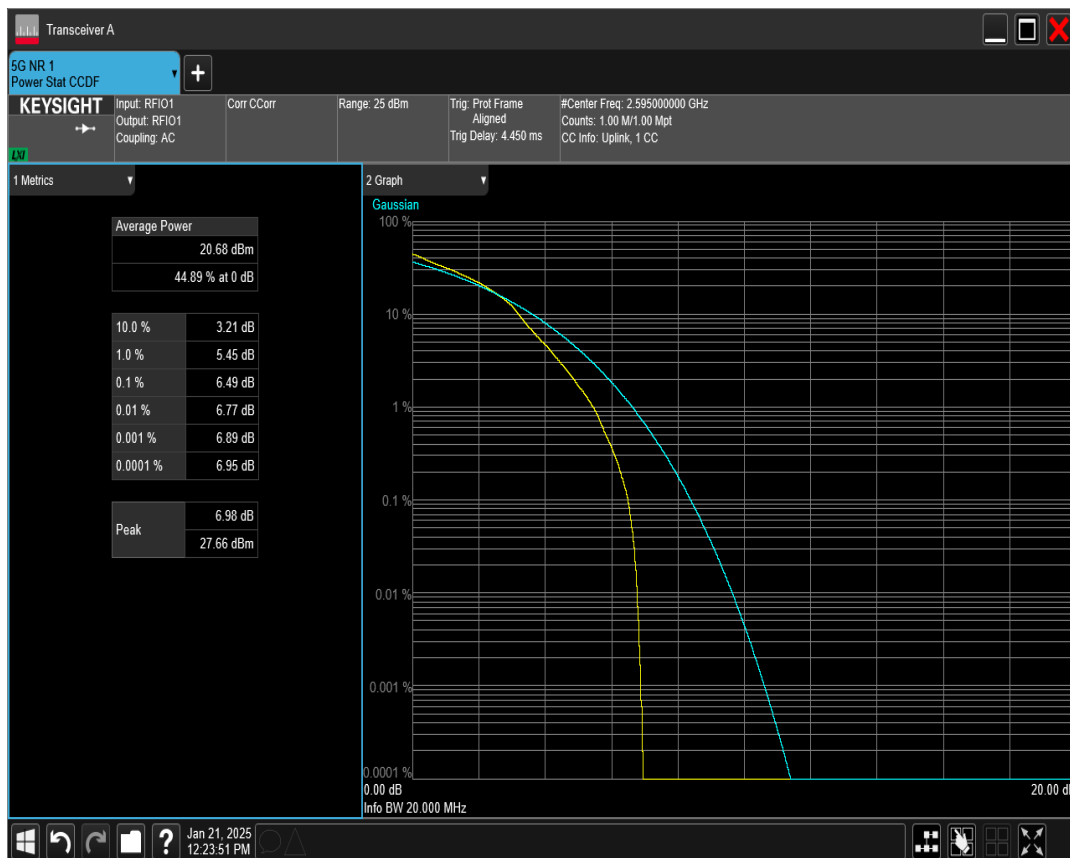
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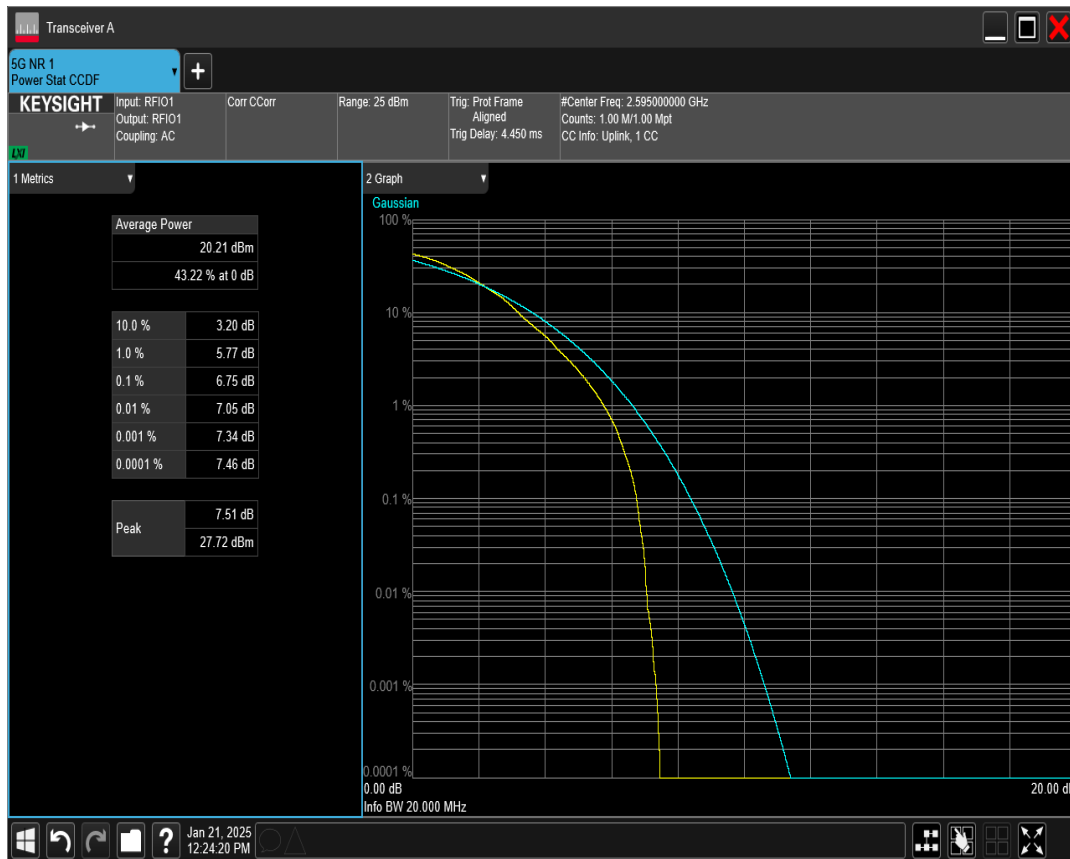
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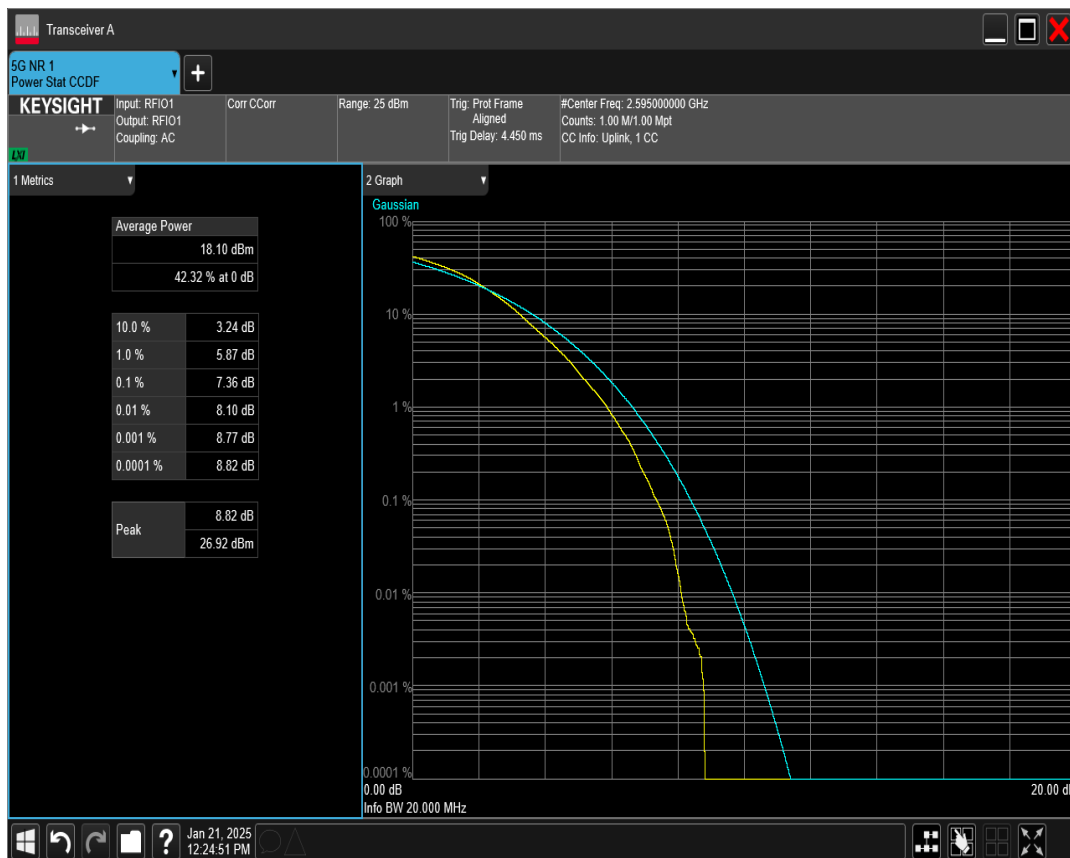
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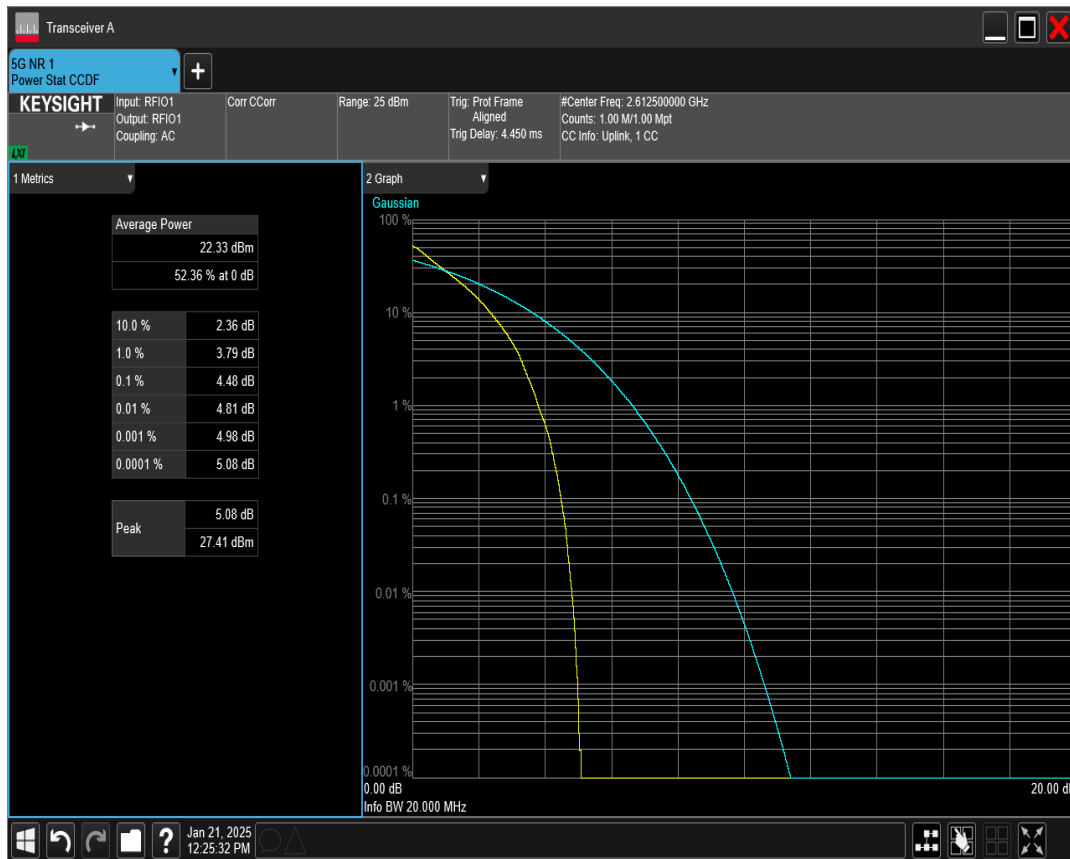
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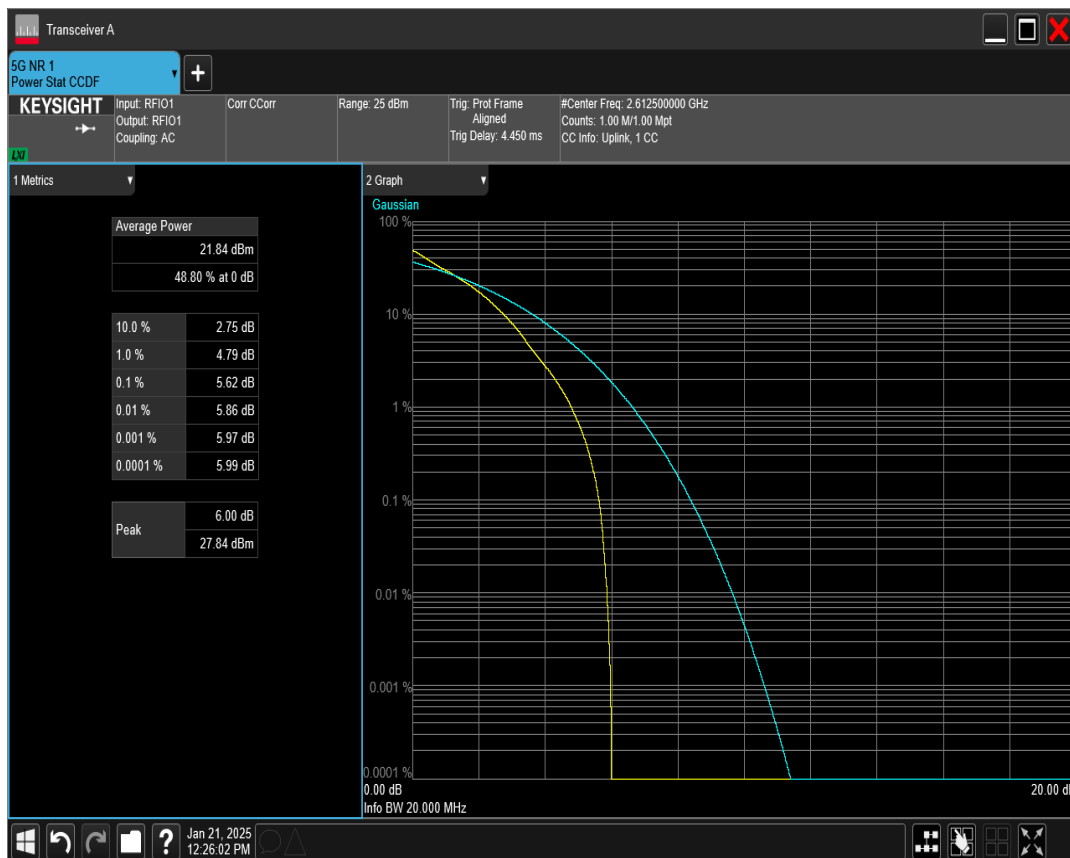
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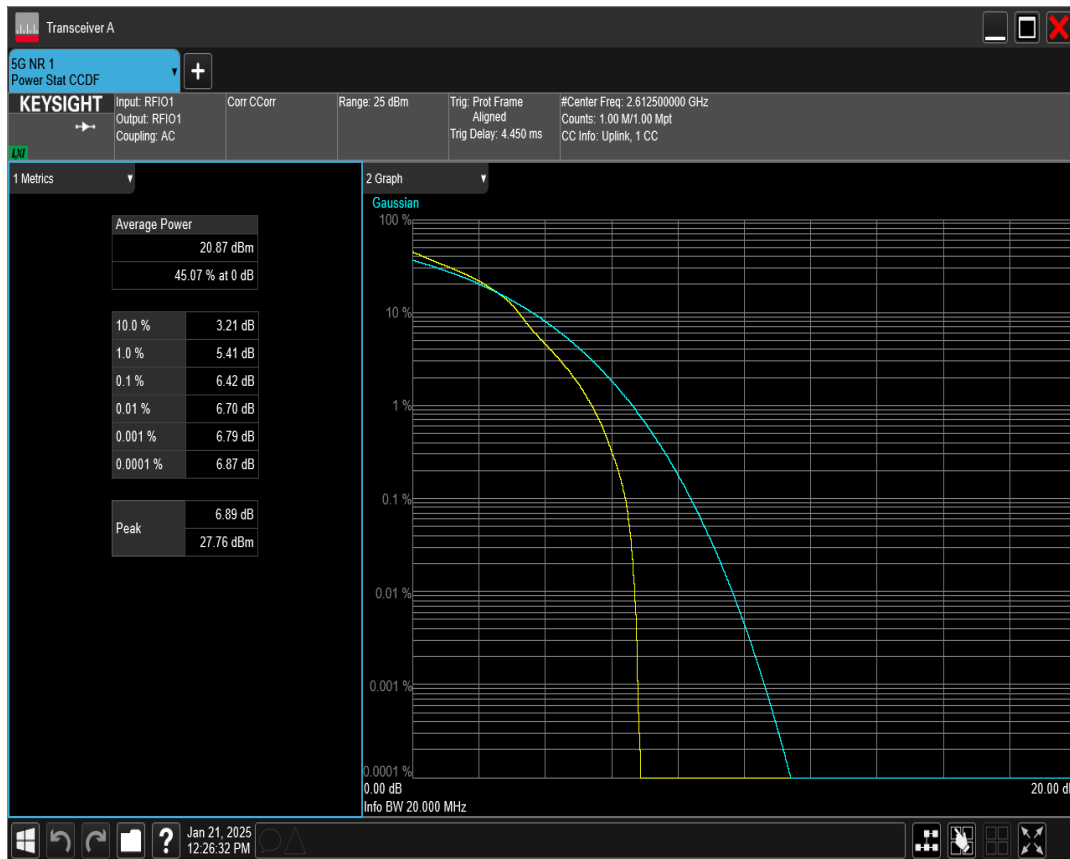
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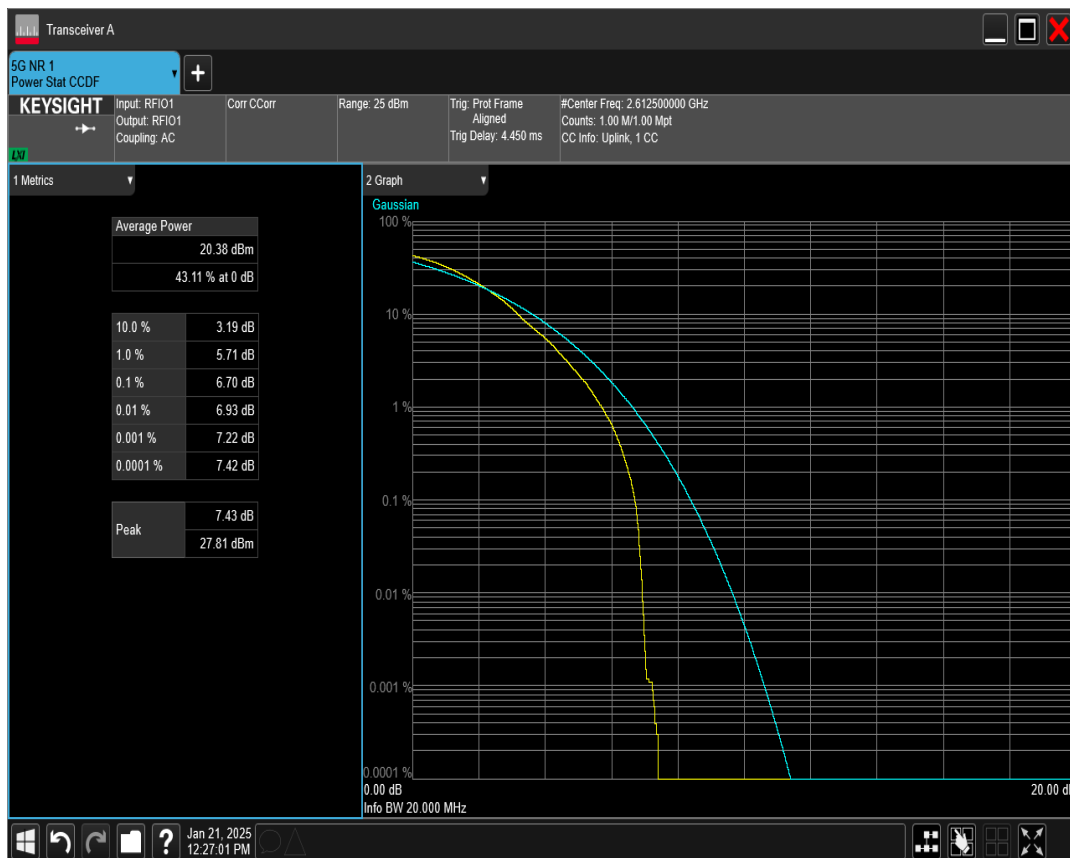
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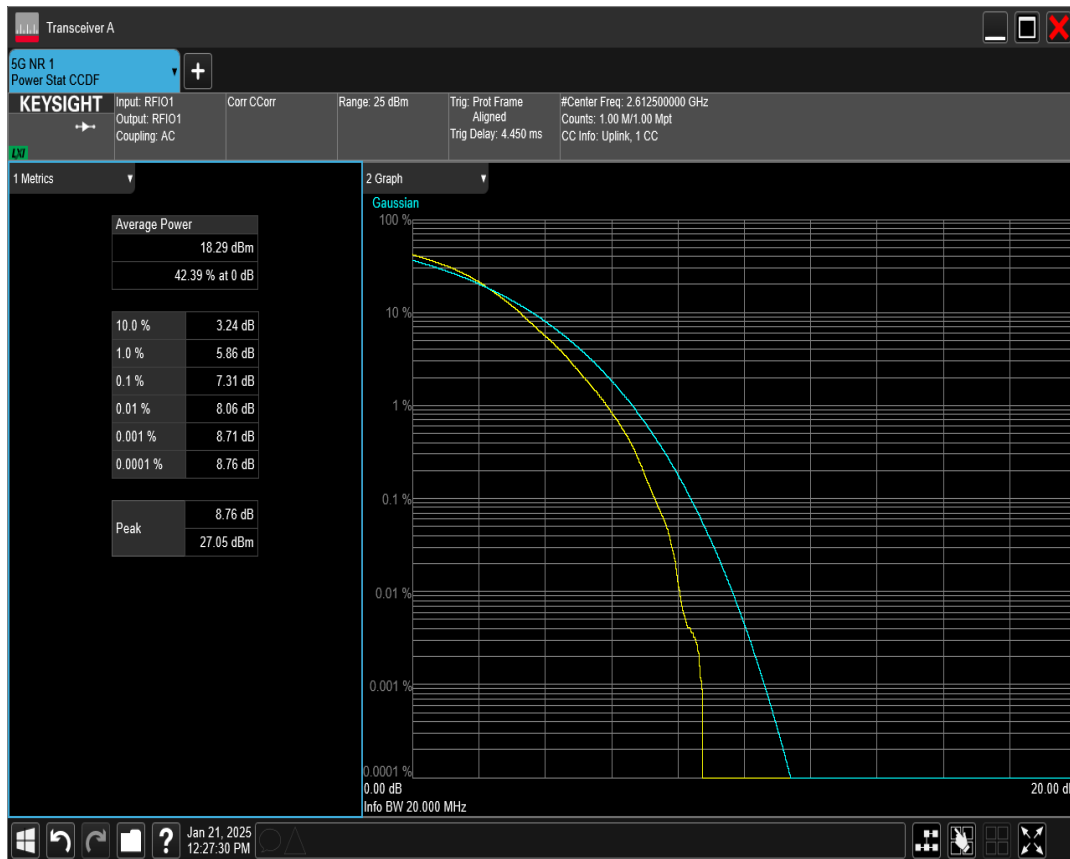
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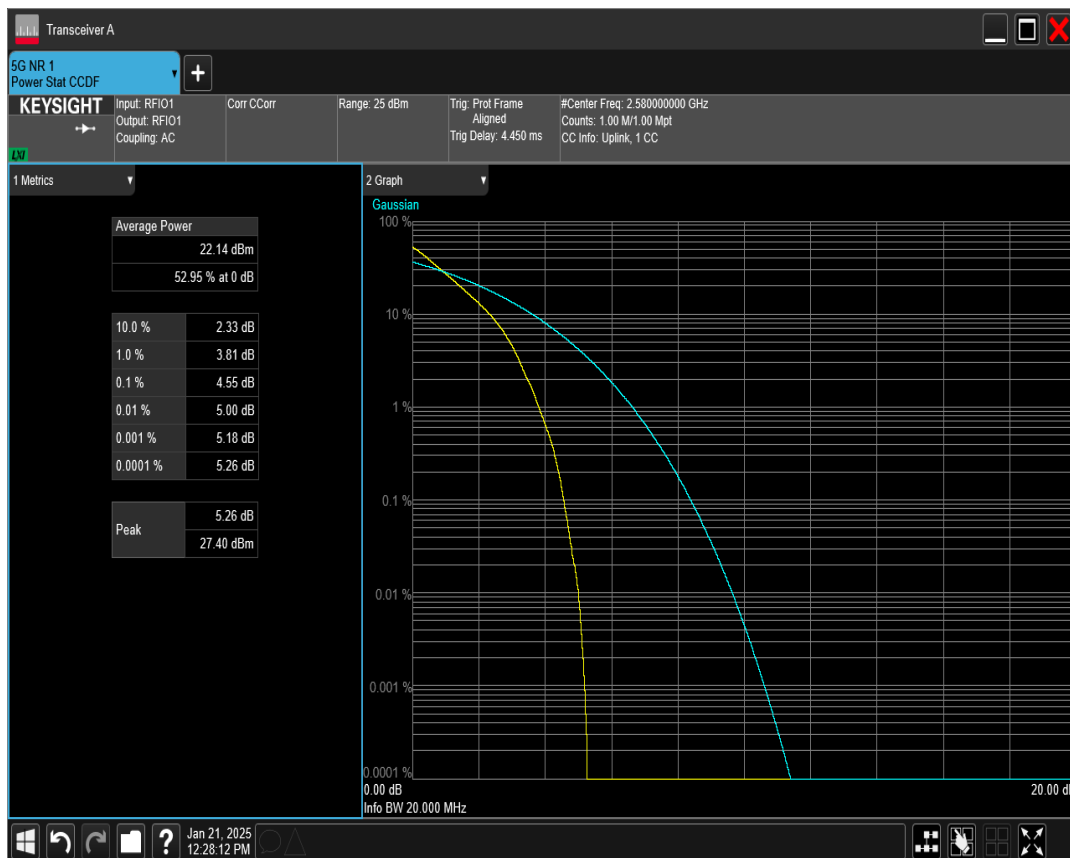
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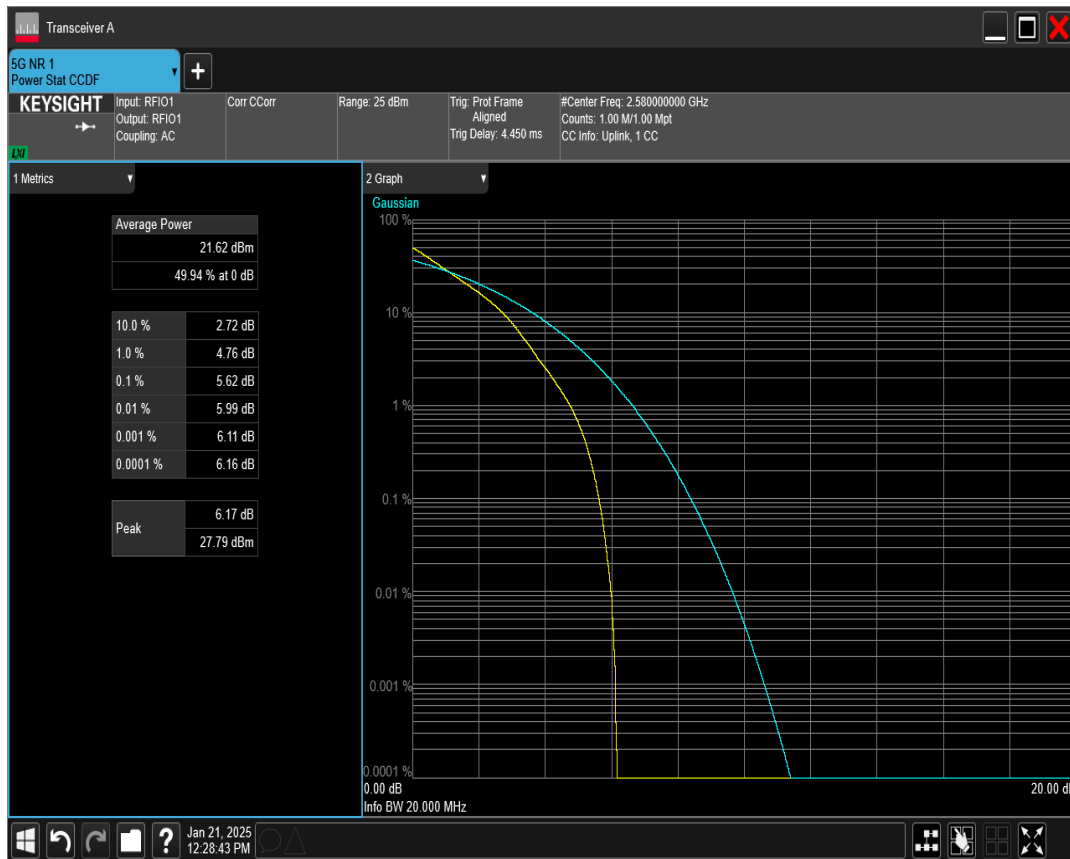
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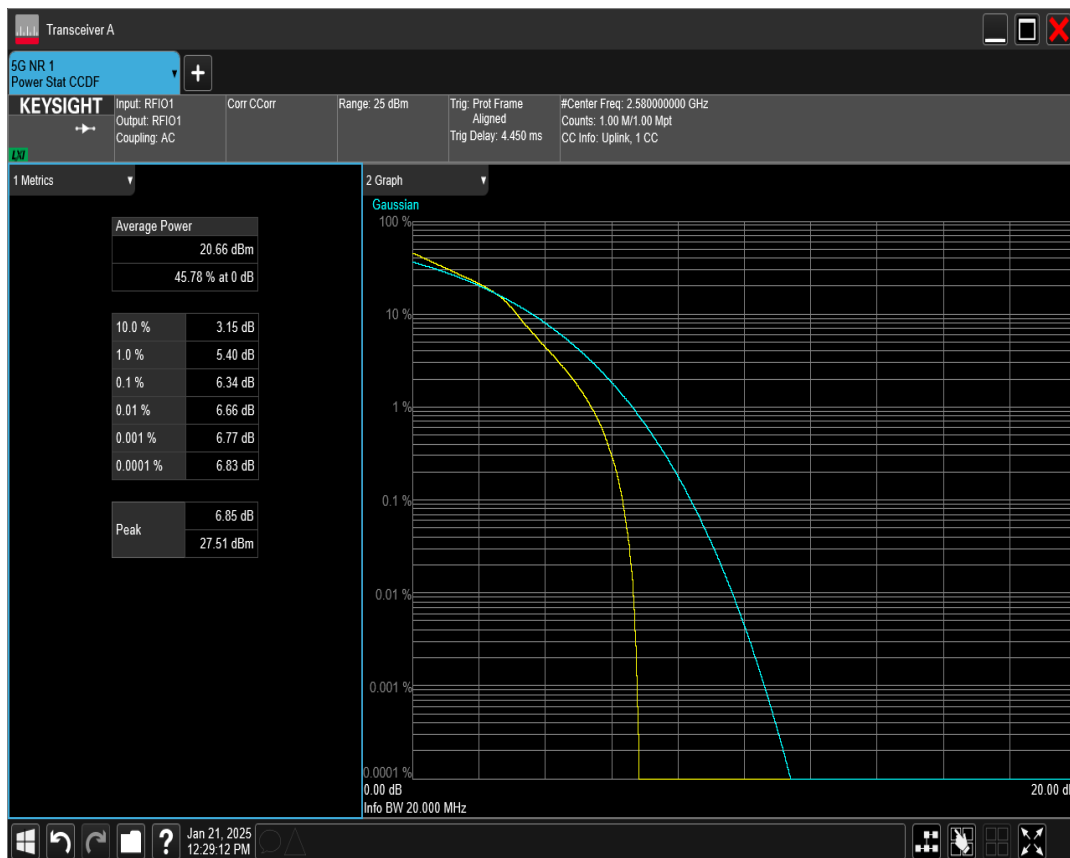
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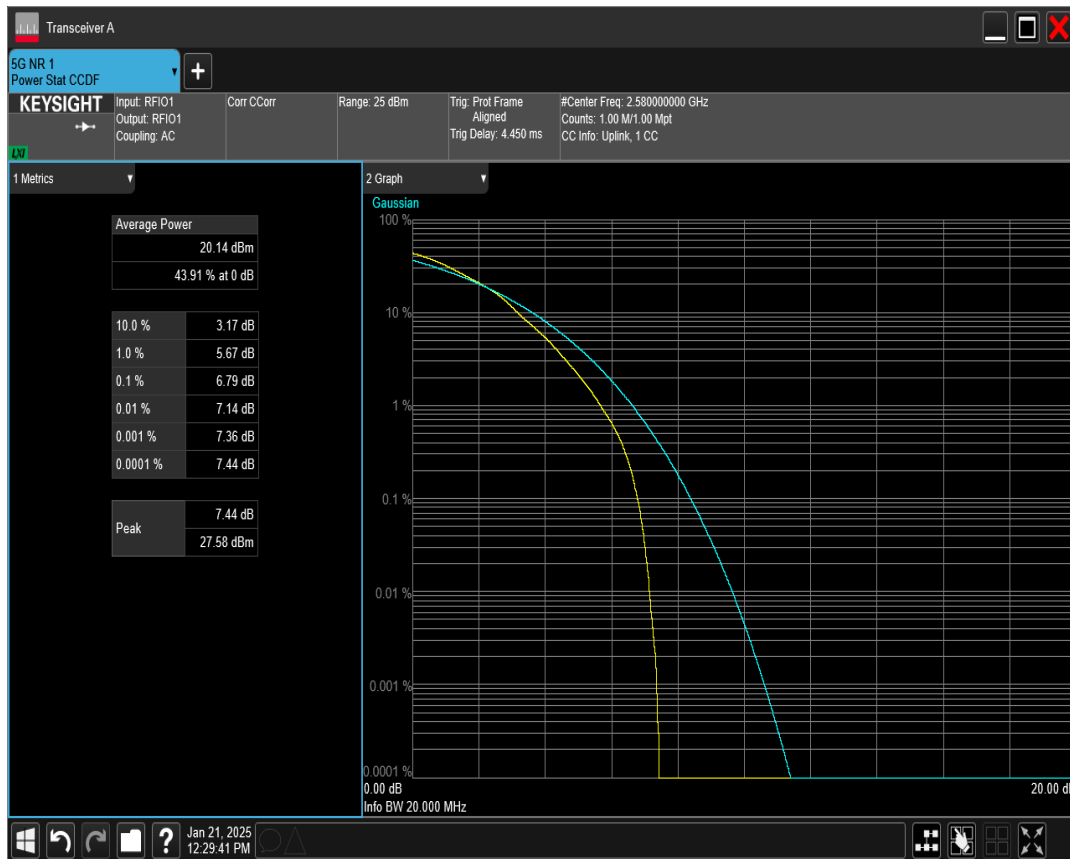
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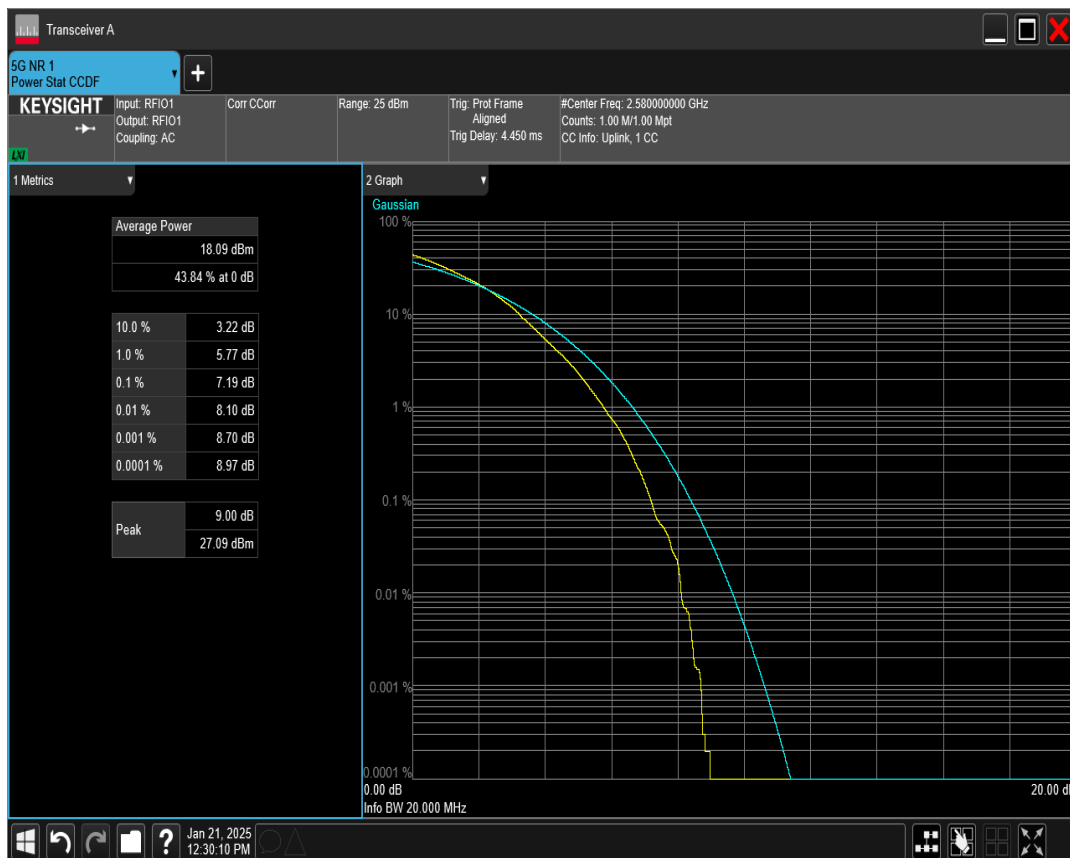
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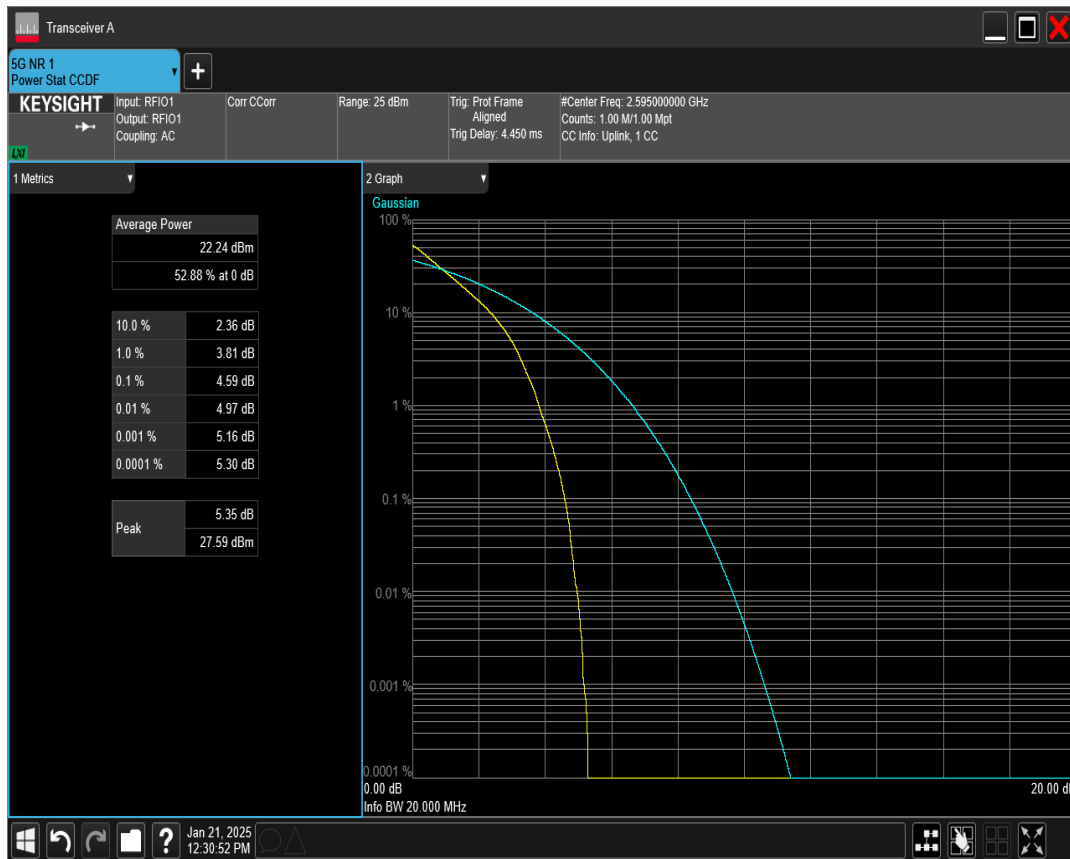
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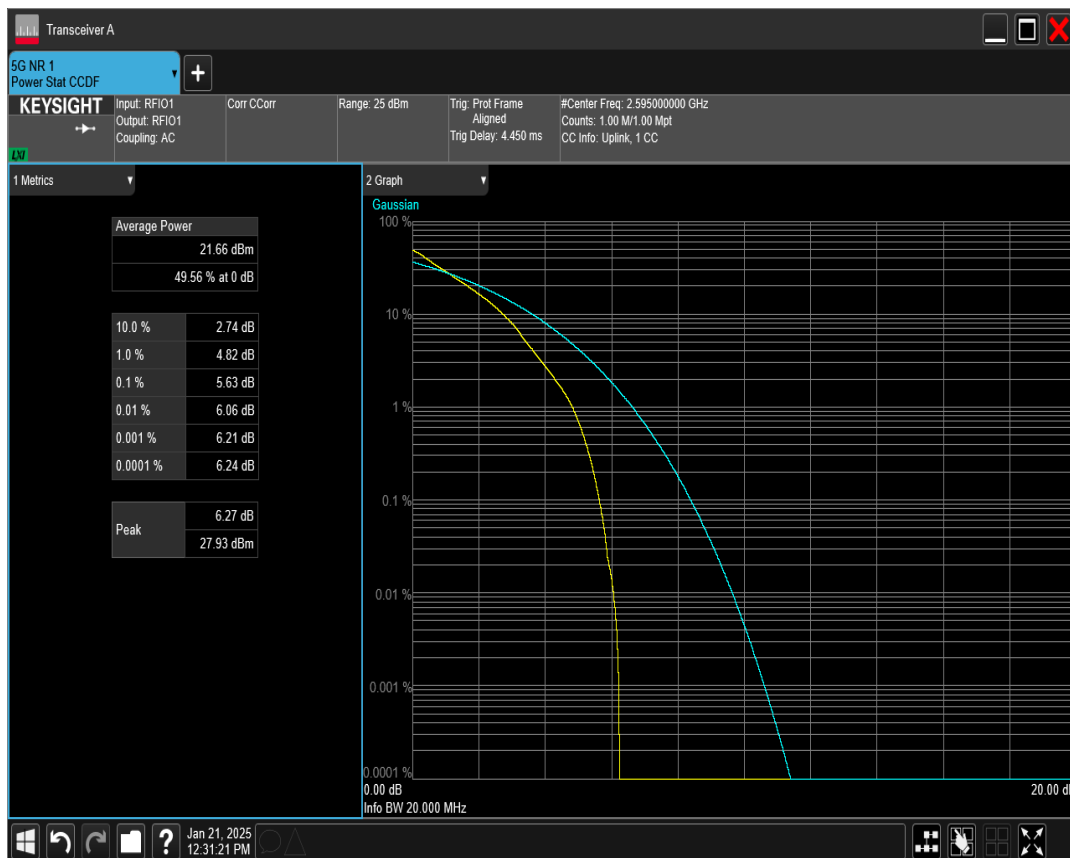
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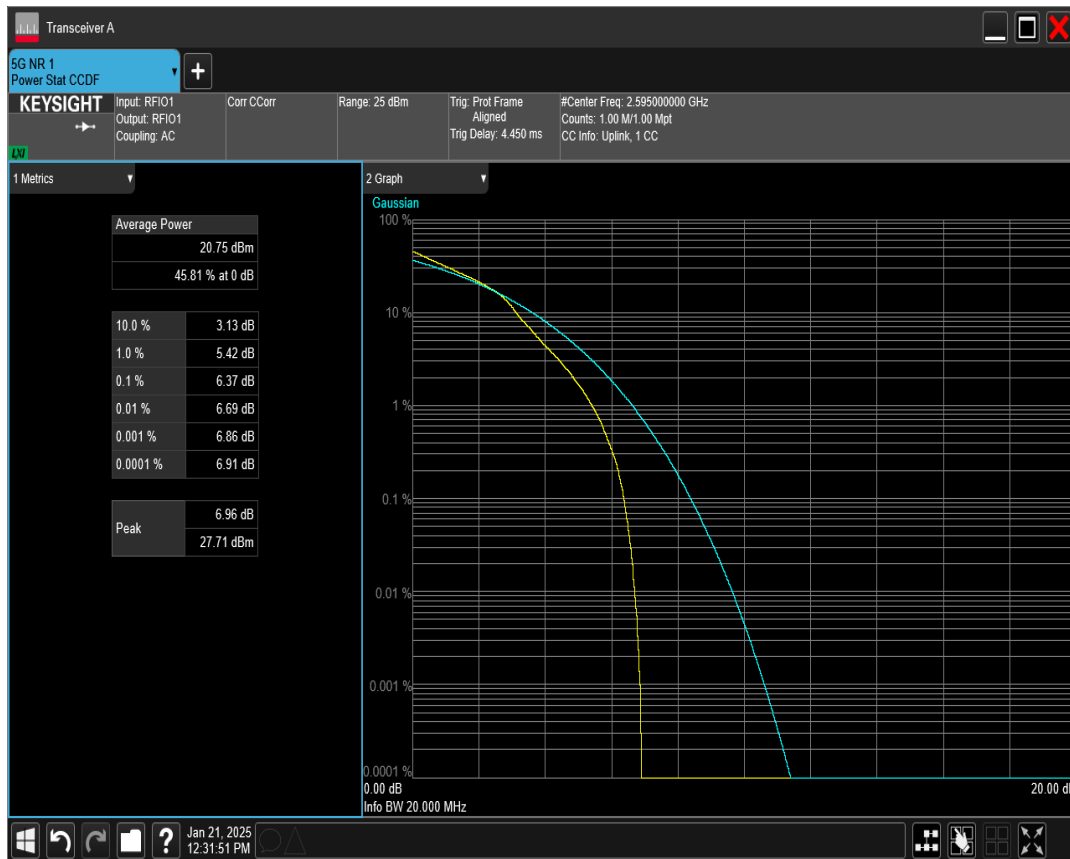
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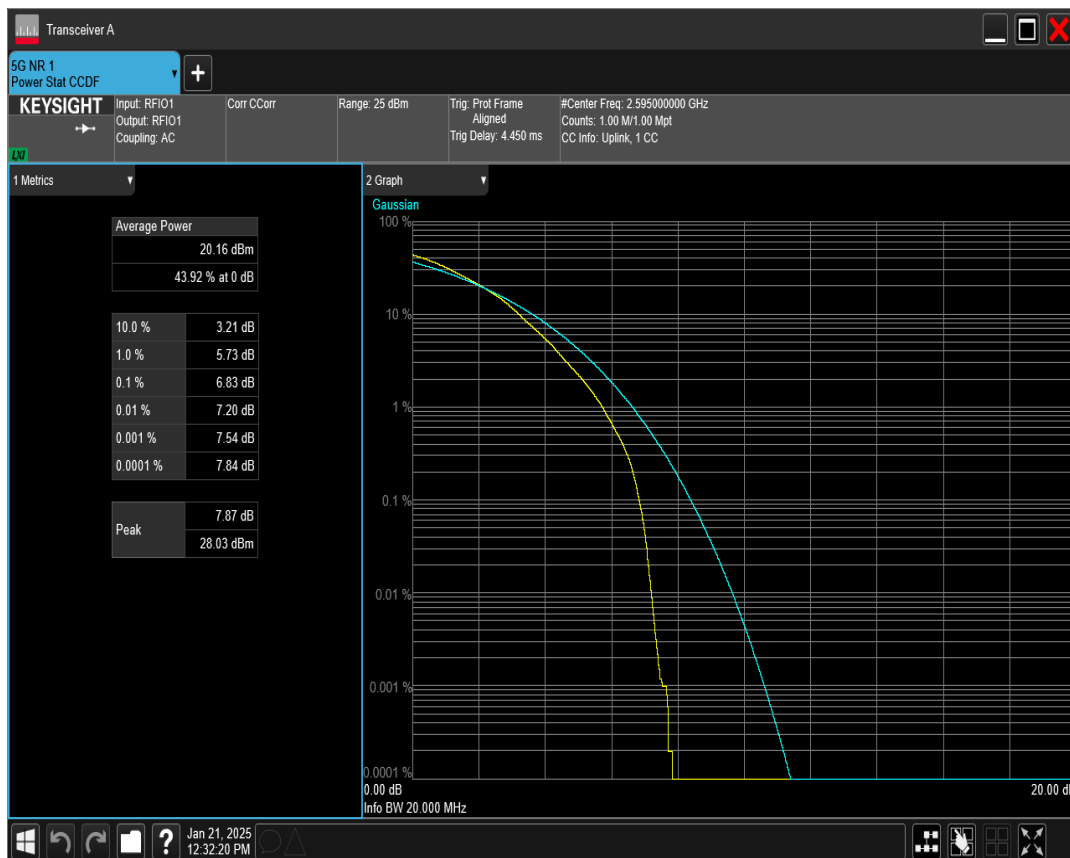
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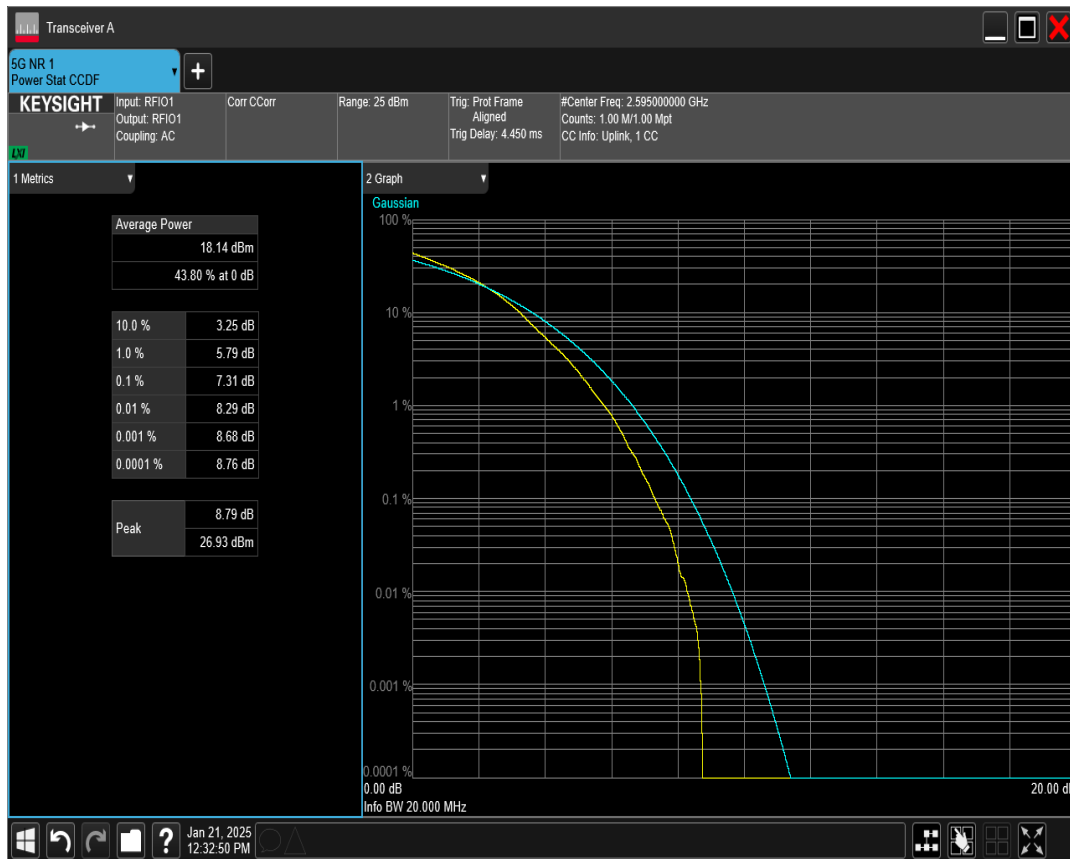
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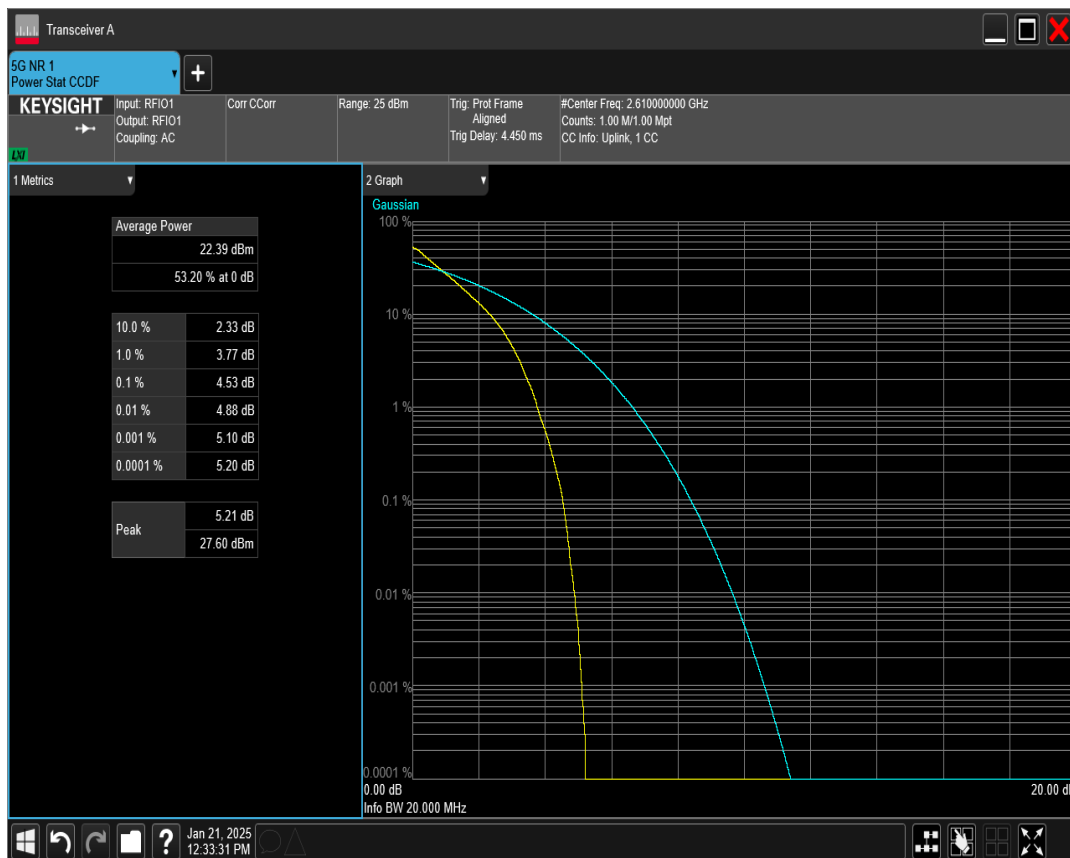
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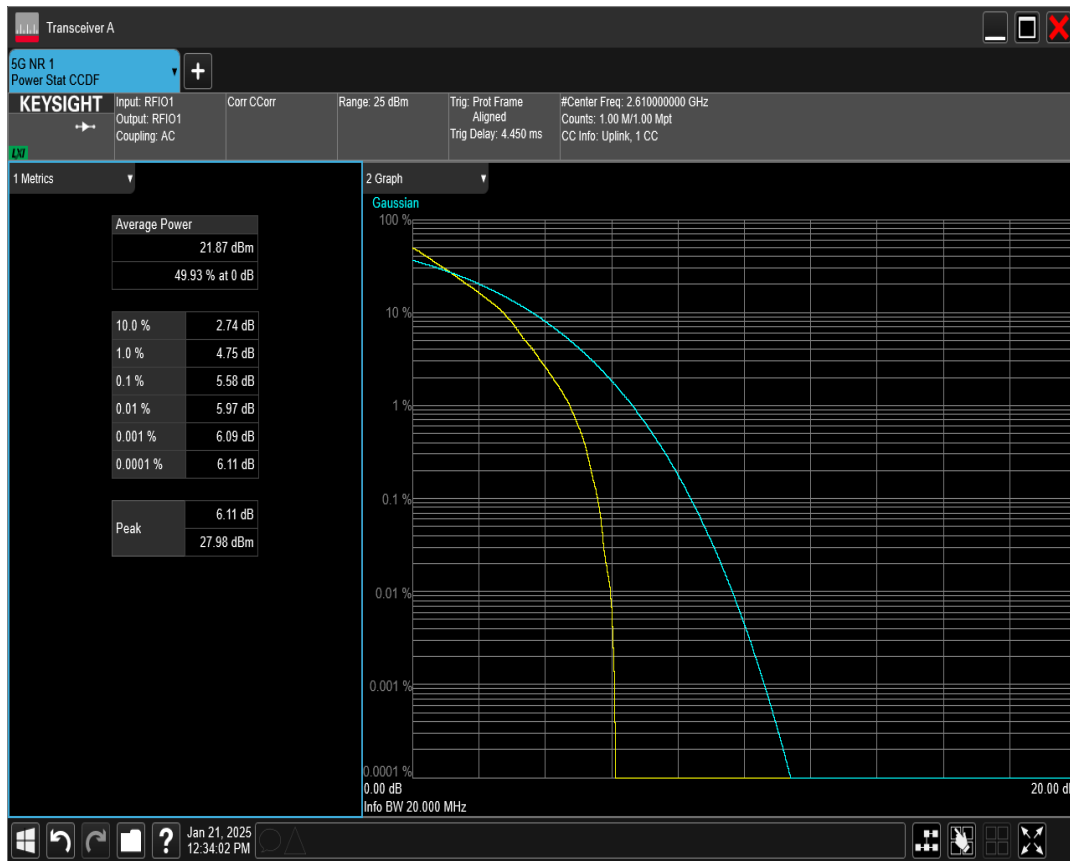
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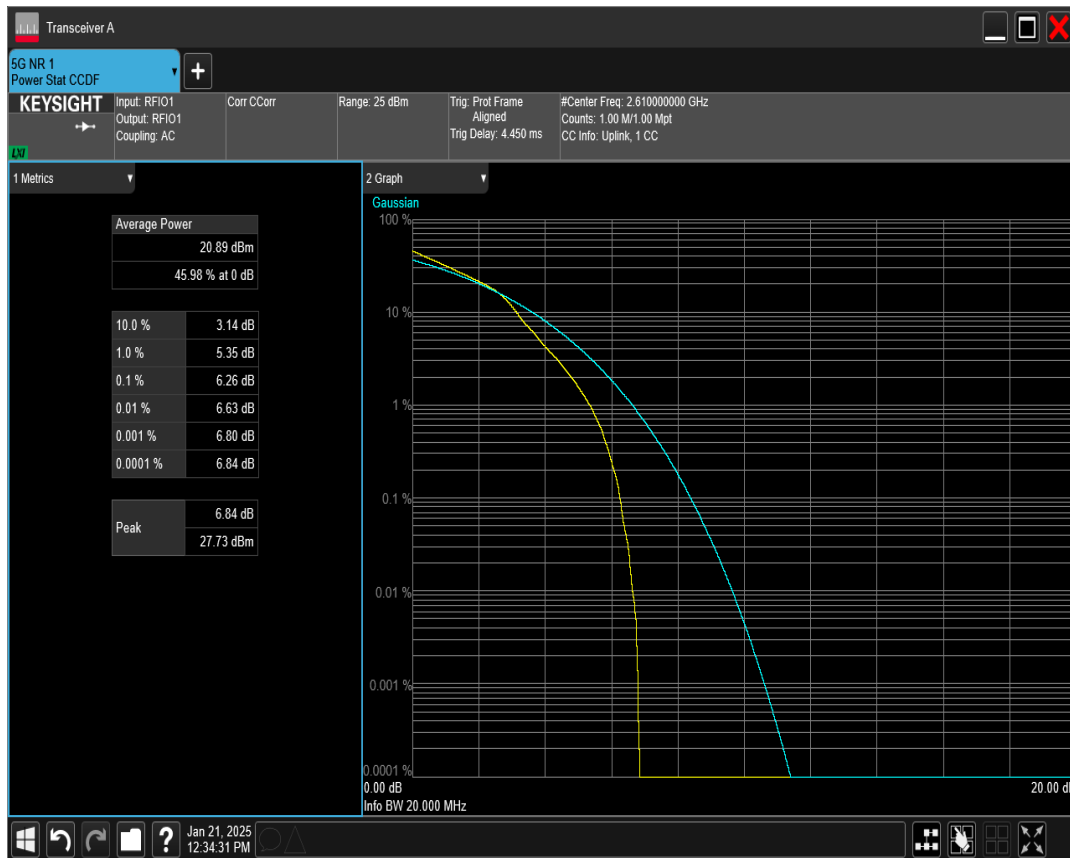
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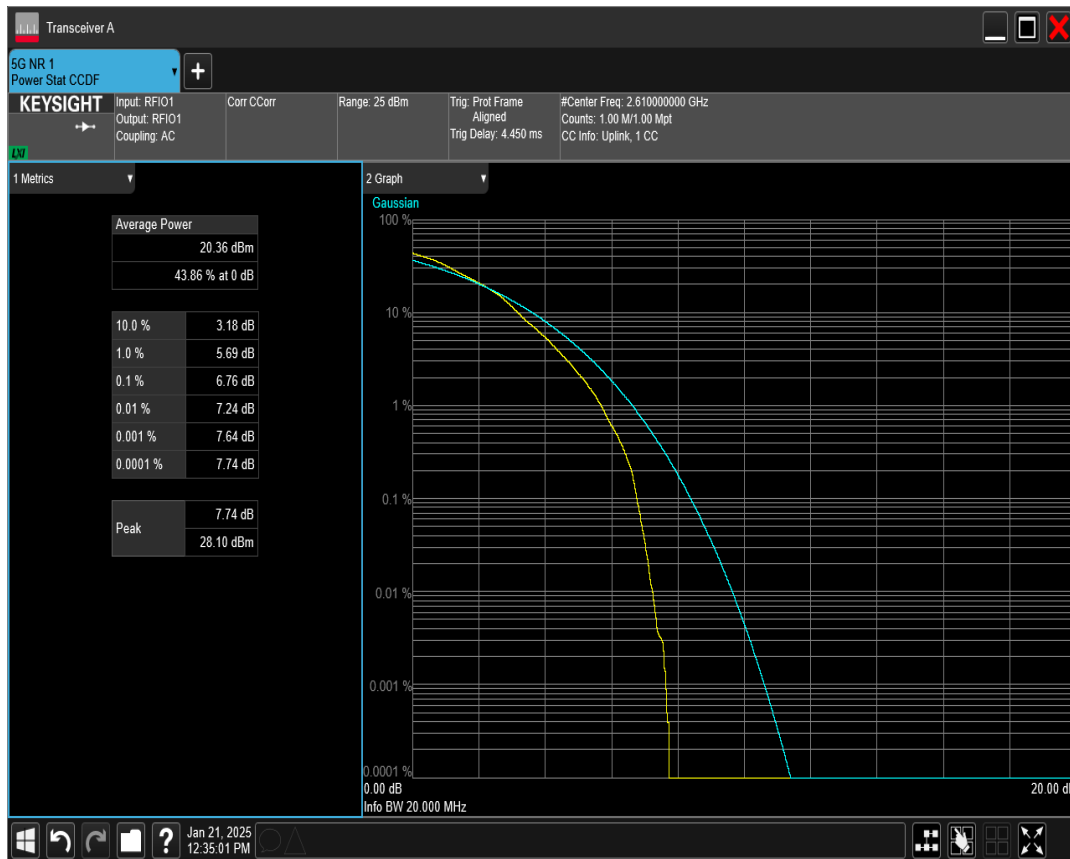
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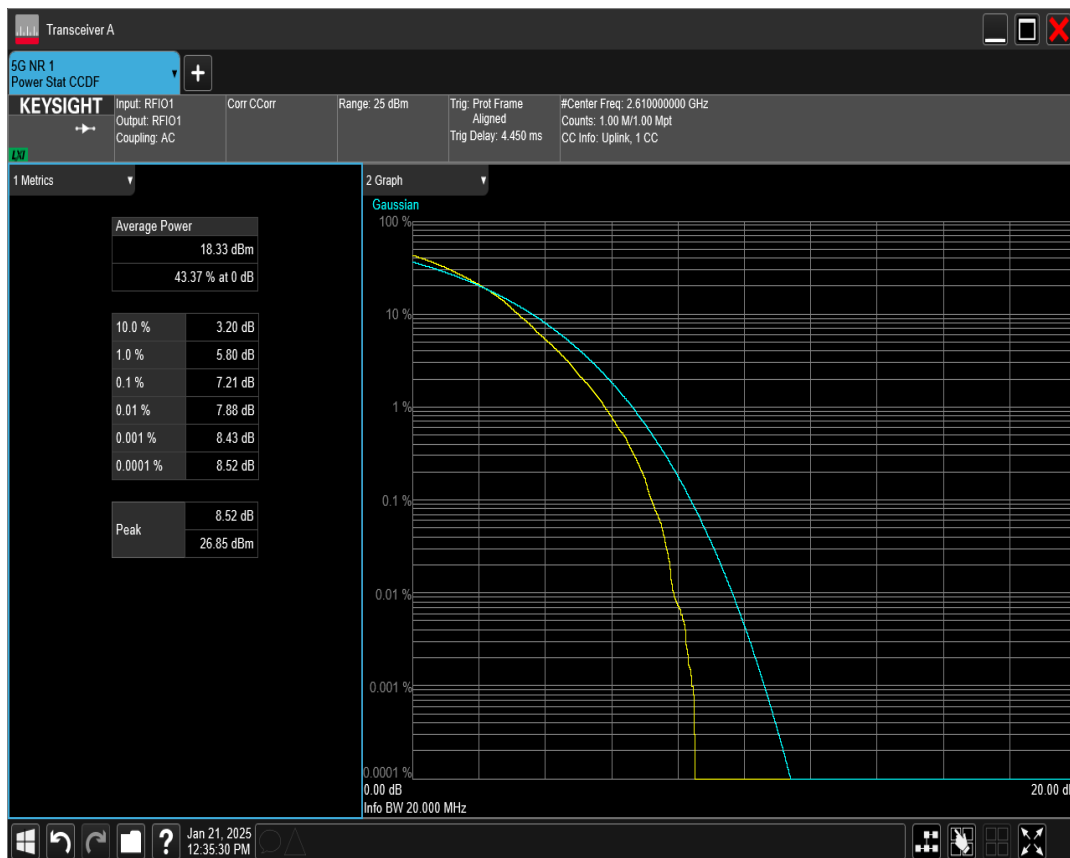
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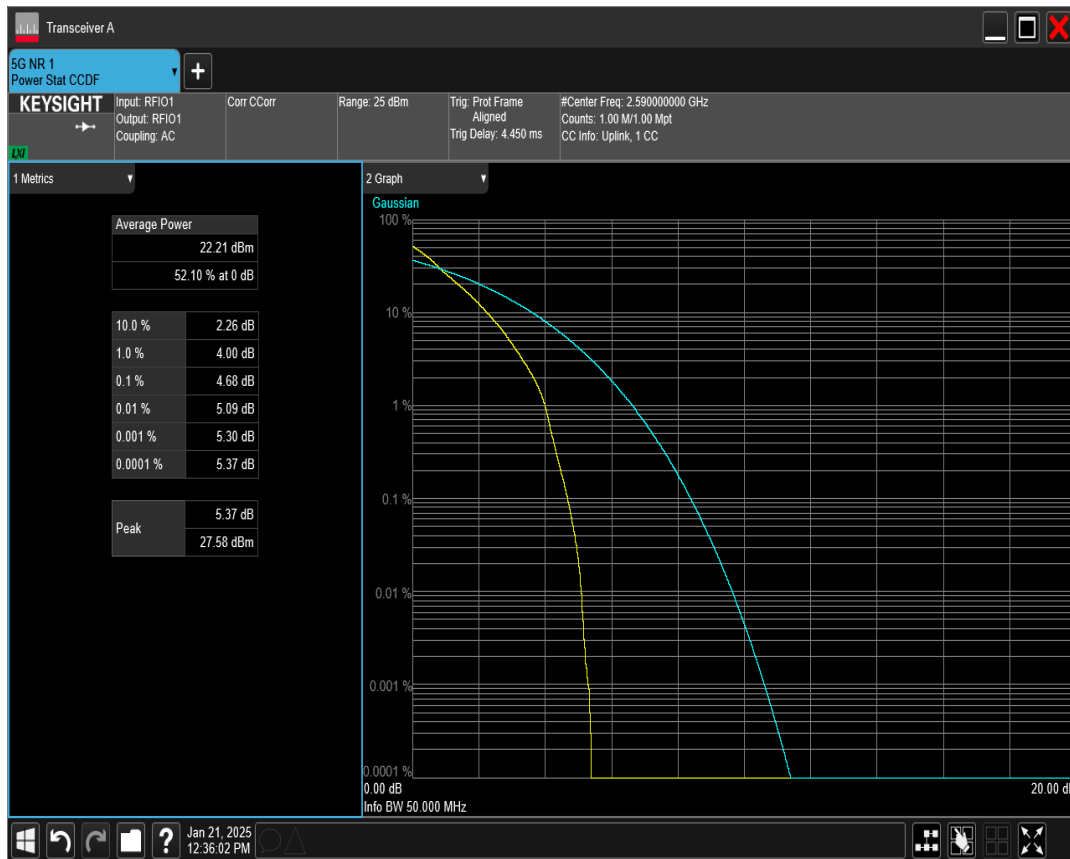
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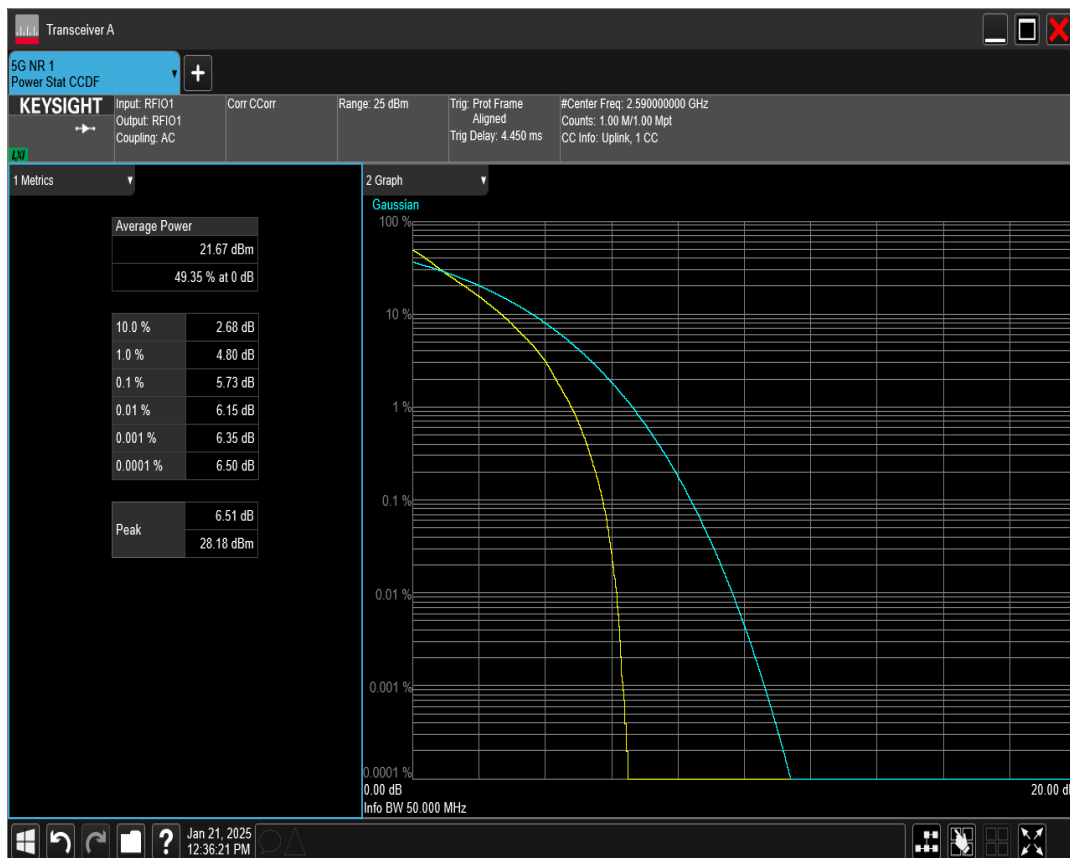
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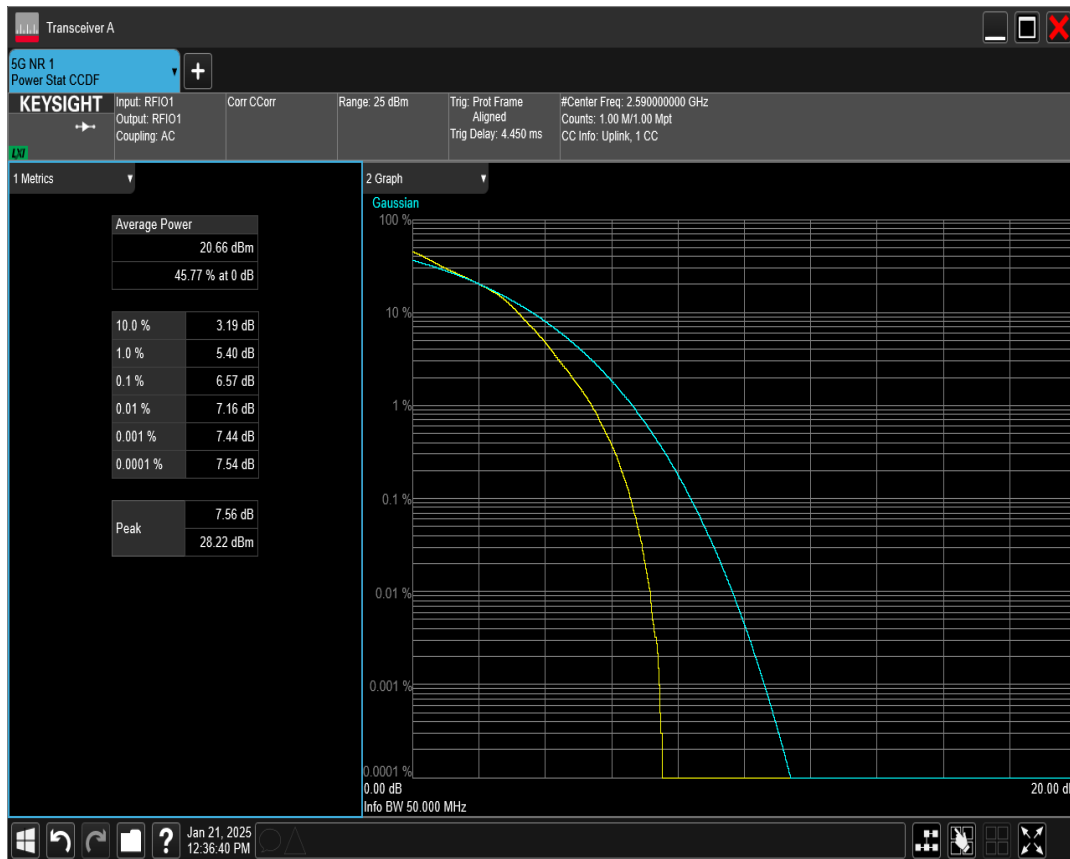
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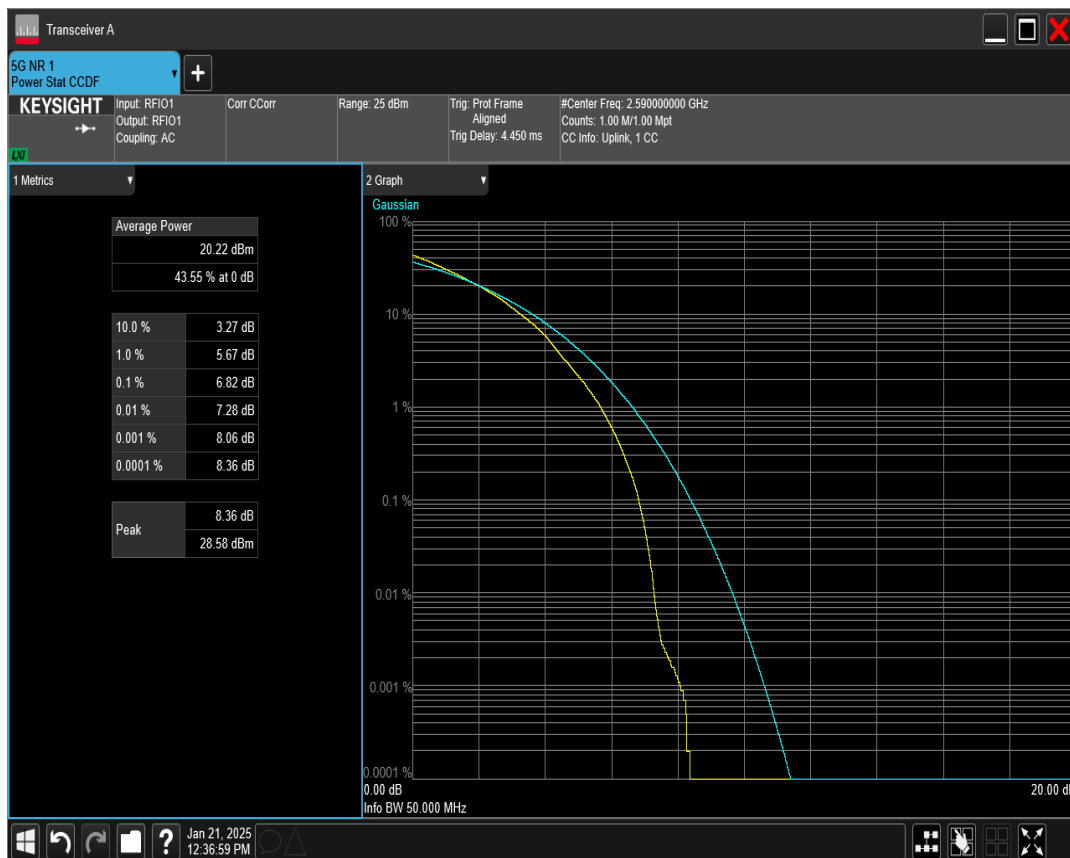
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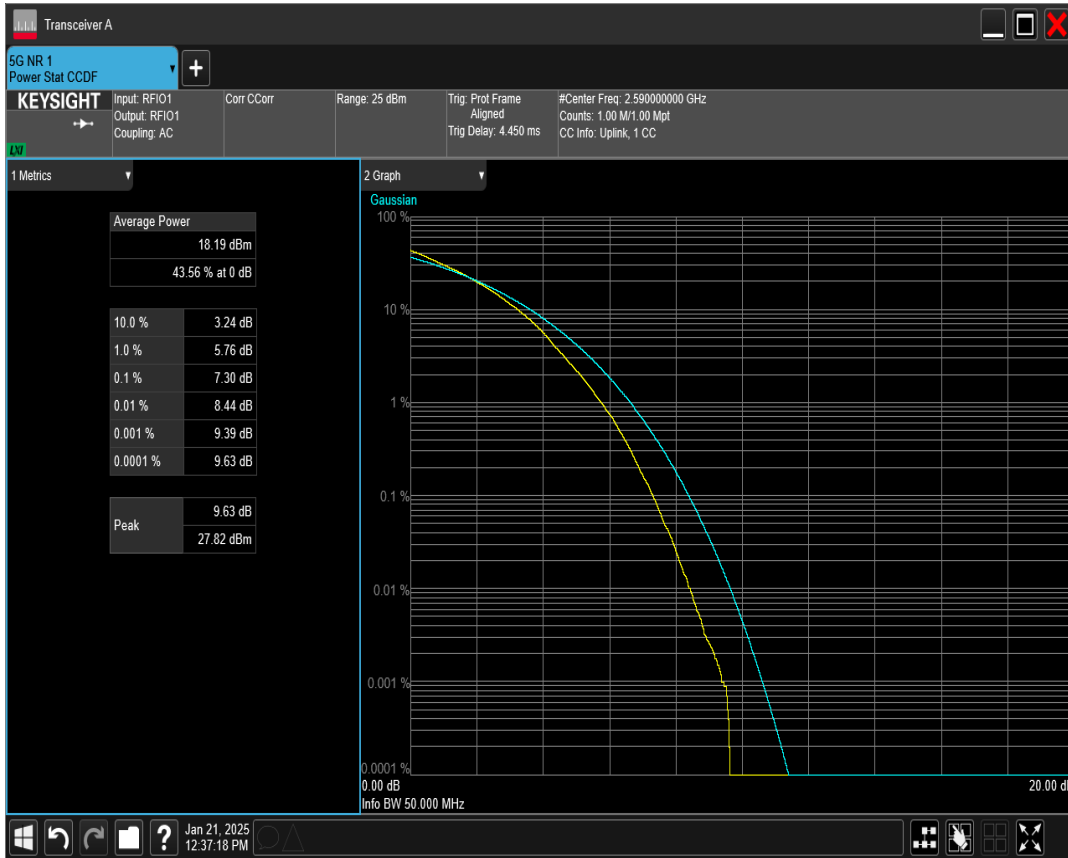
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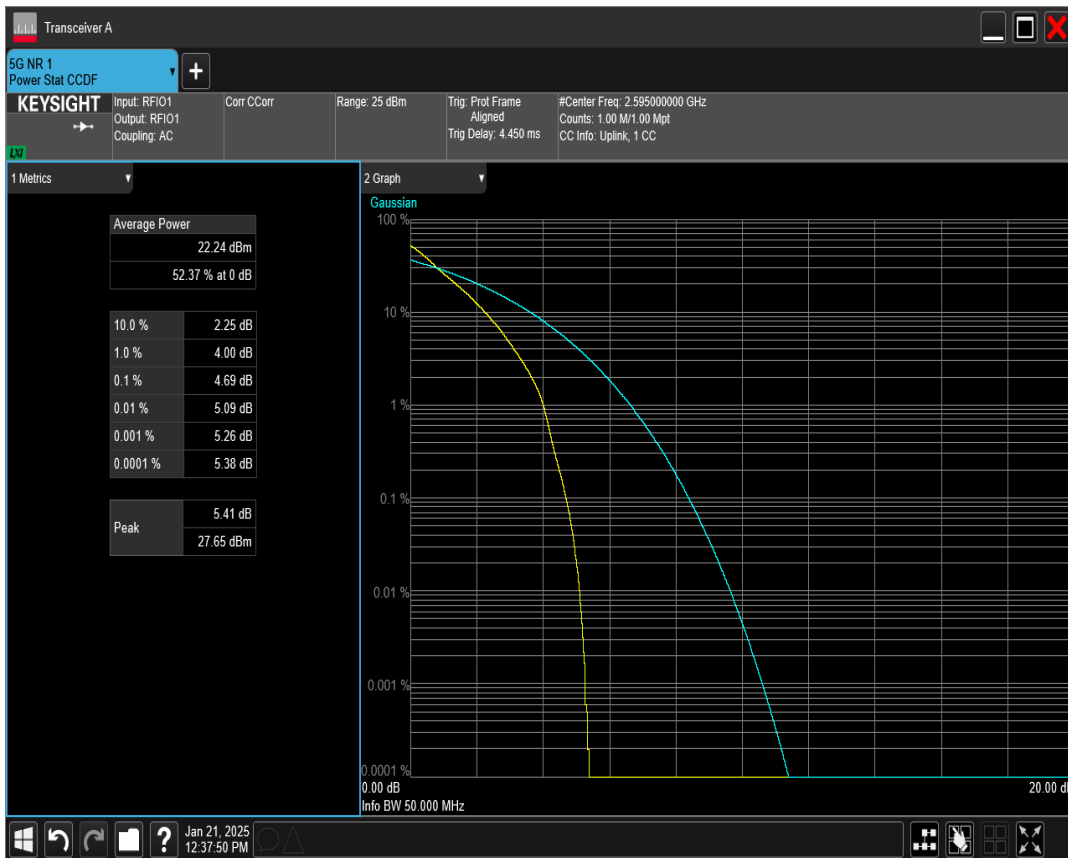
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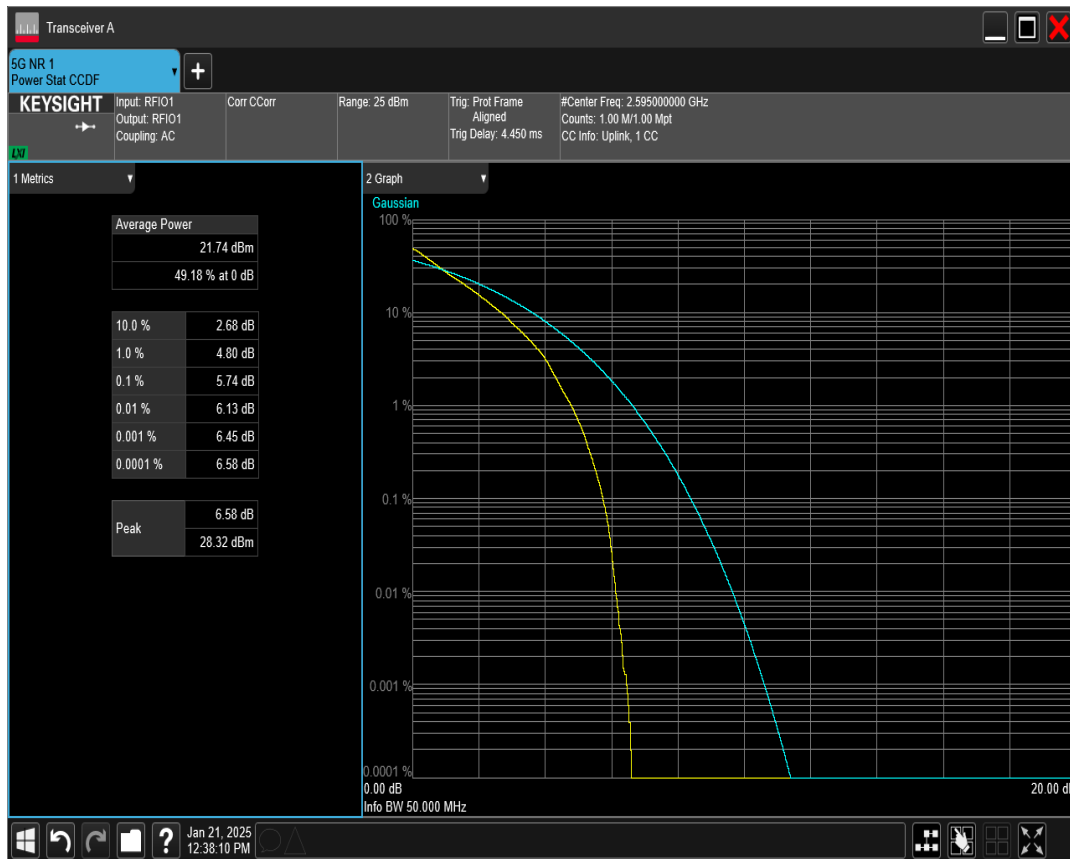
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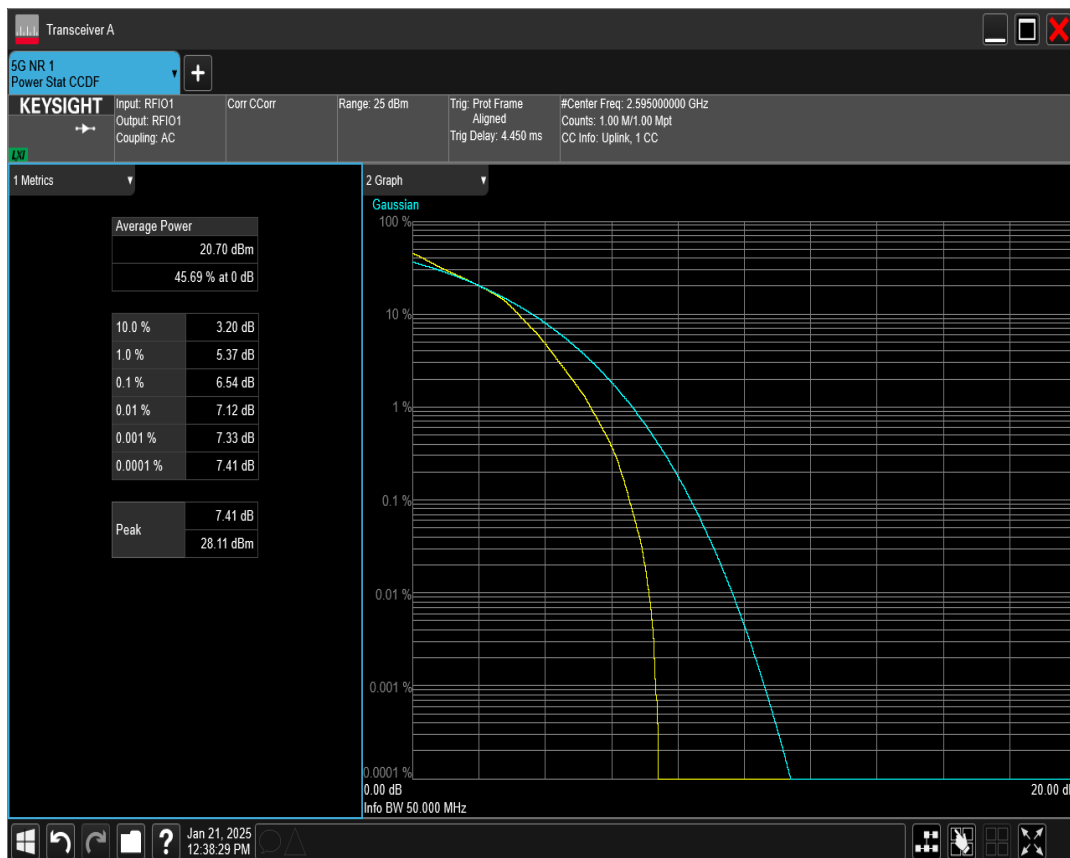
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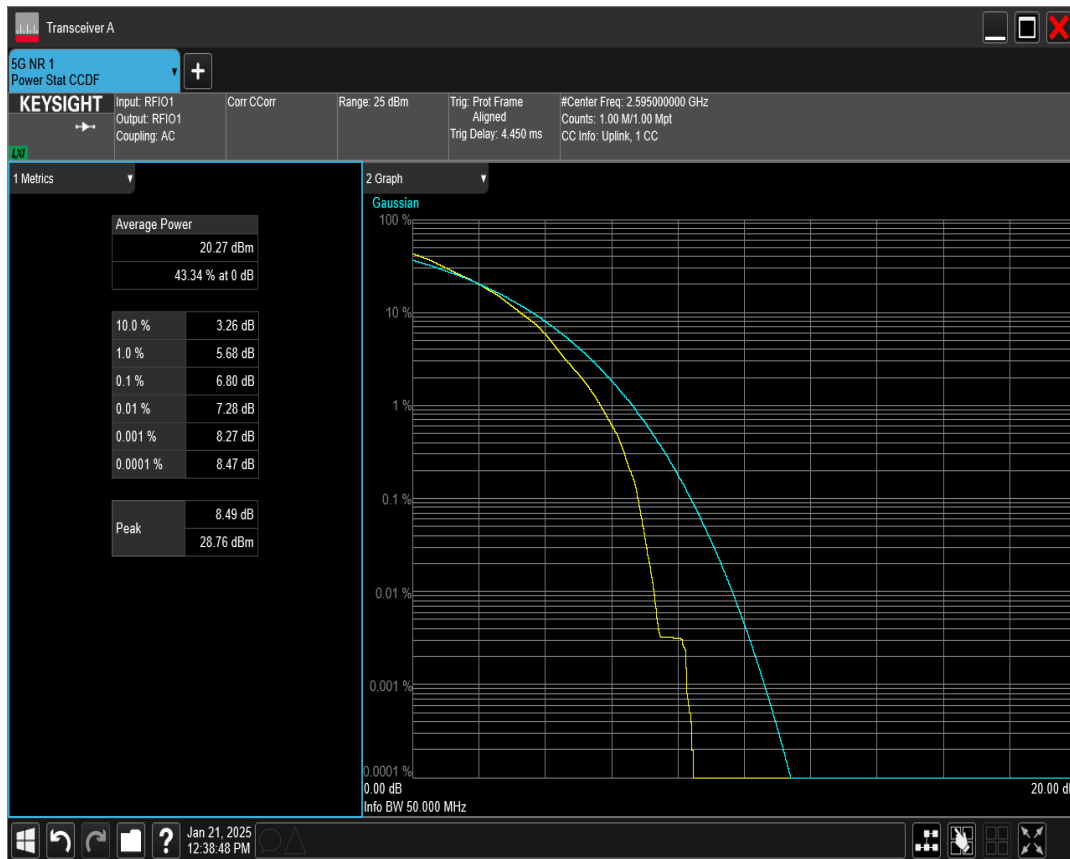
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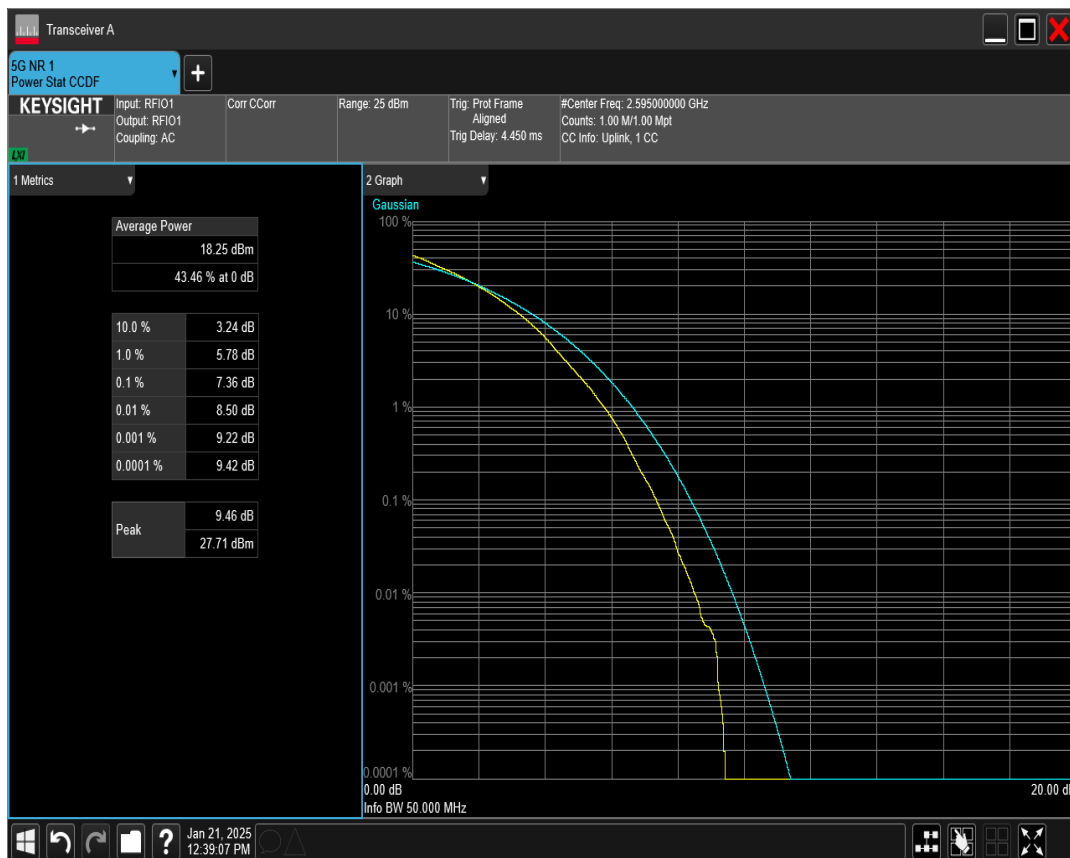
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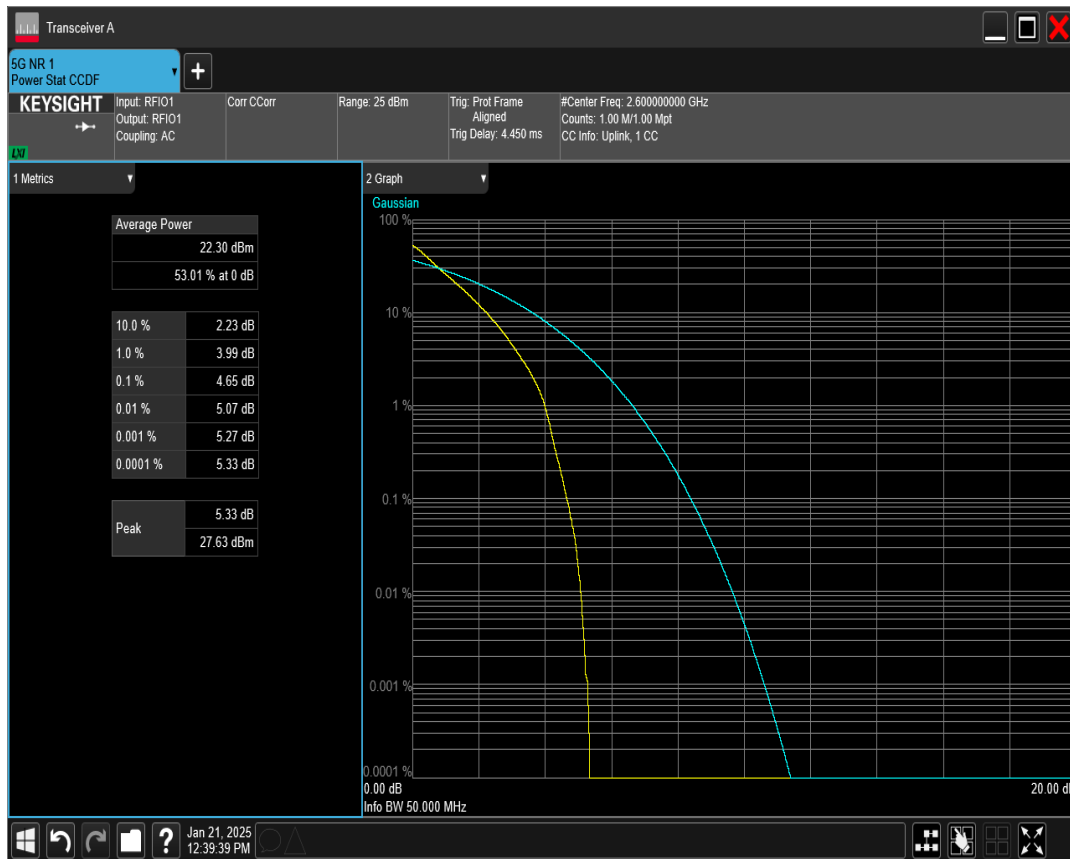
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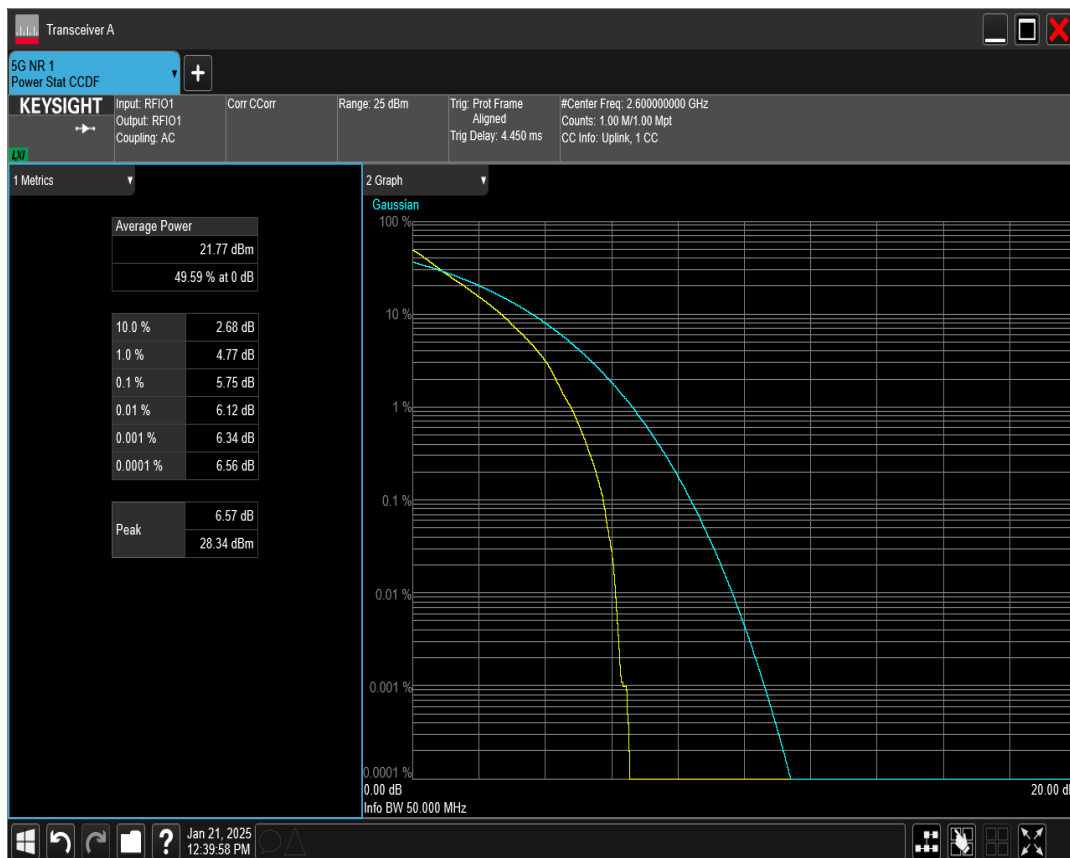
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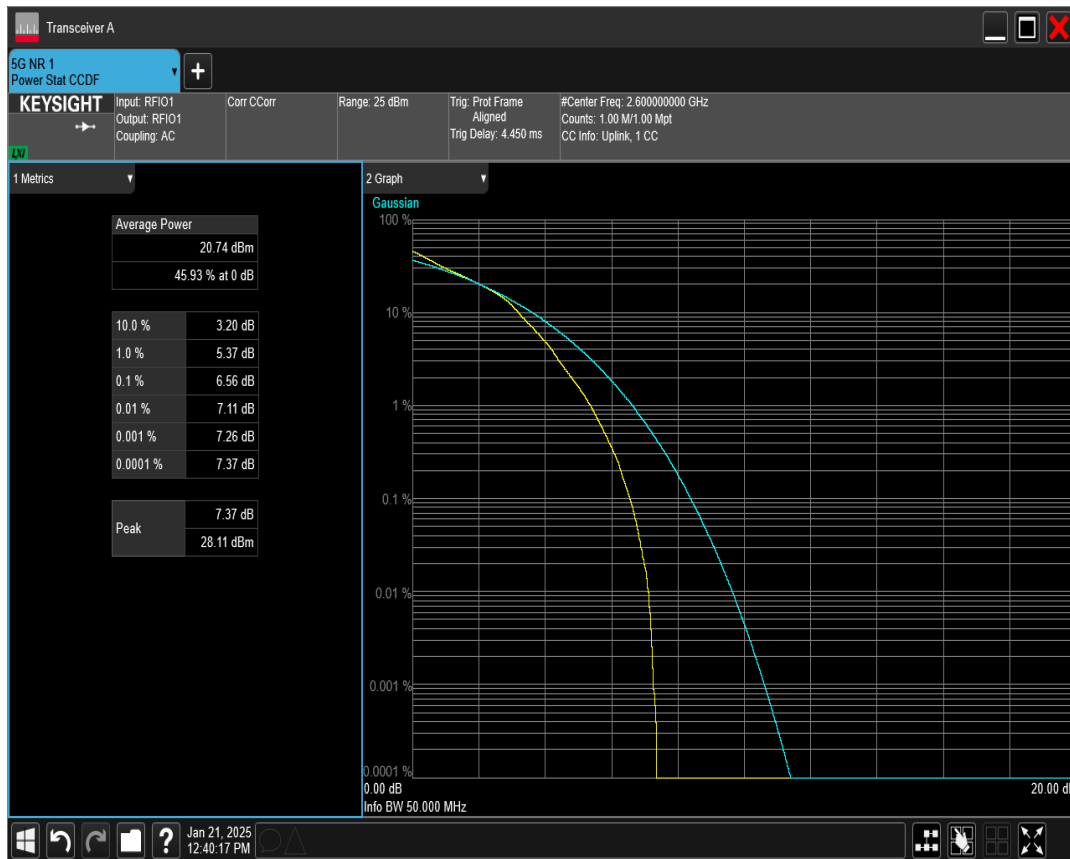
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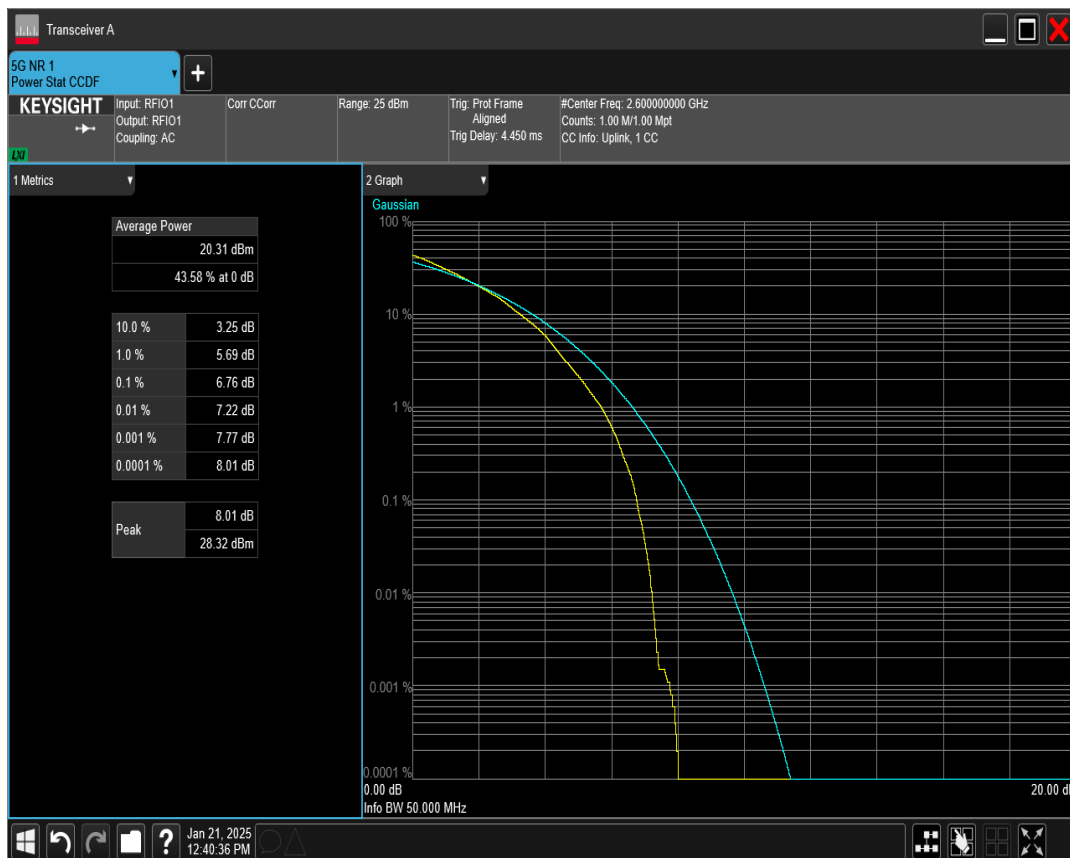
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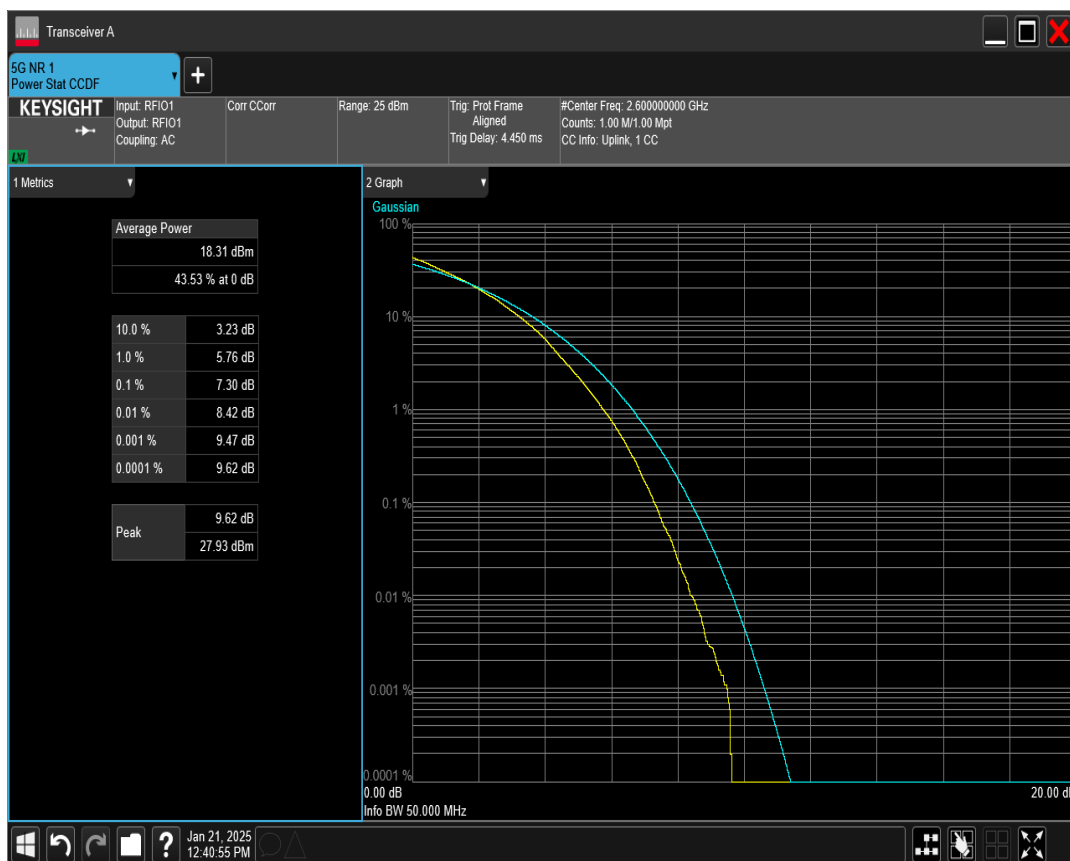
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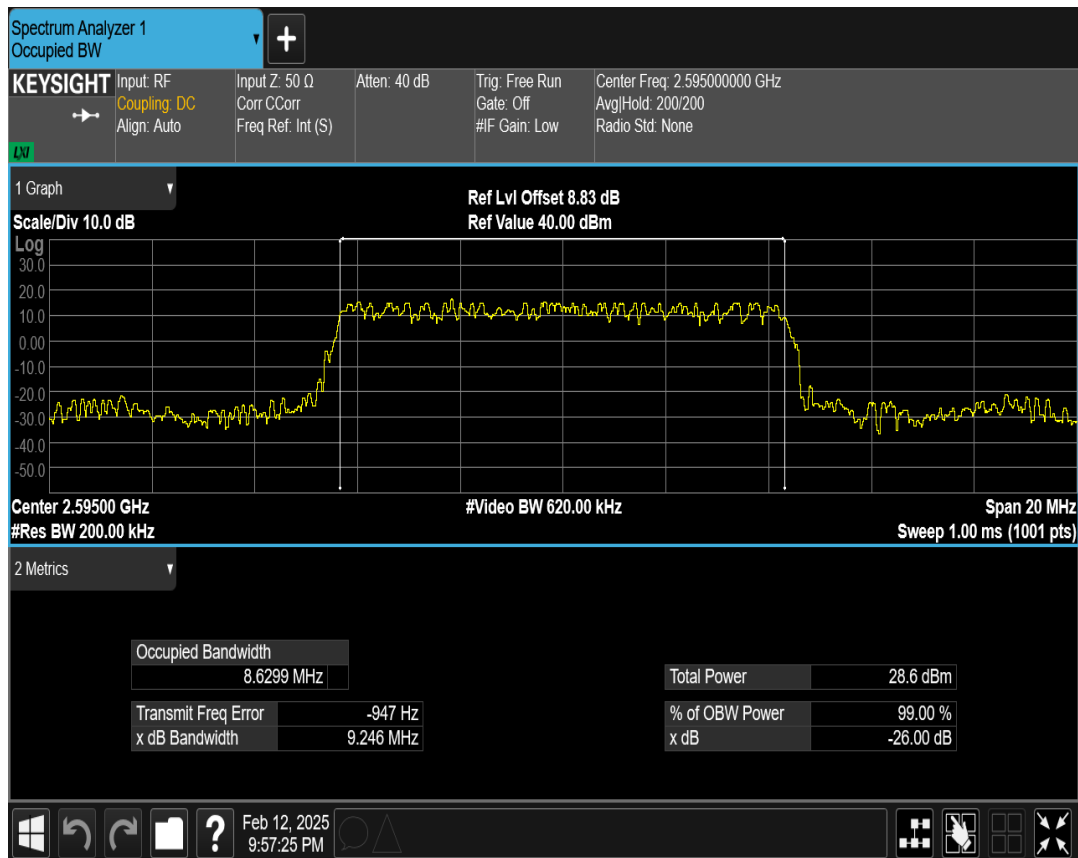


## 4 Occupied bandwidth for NR FR1

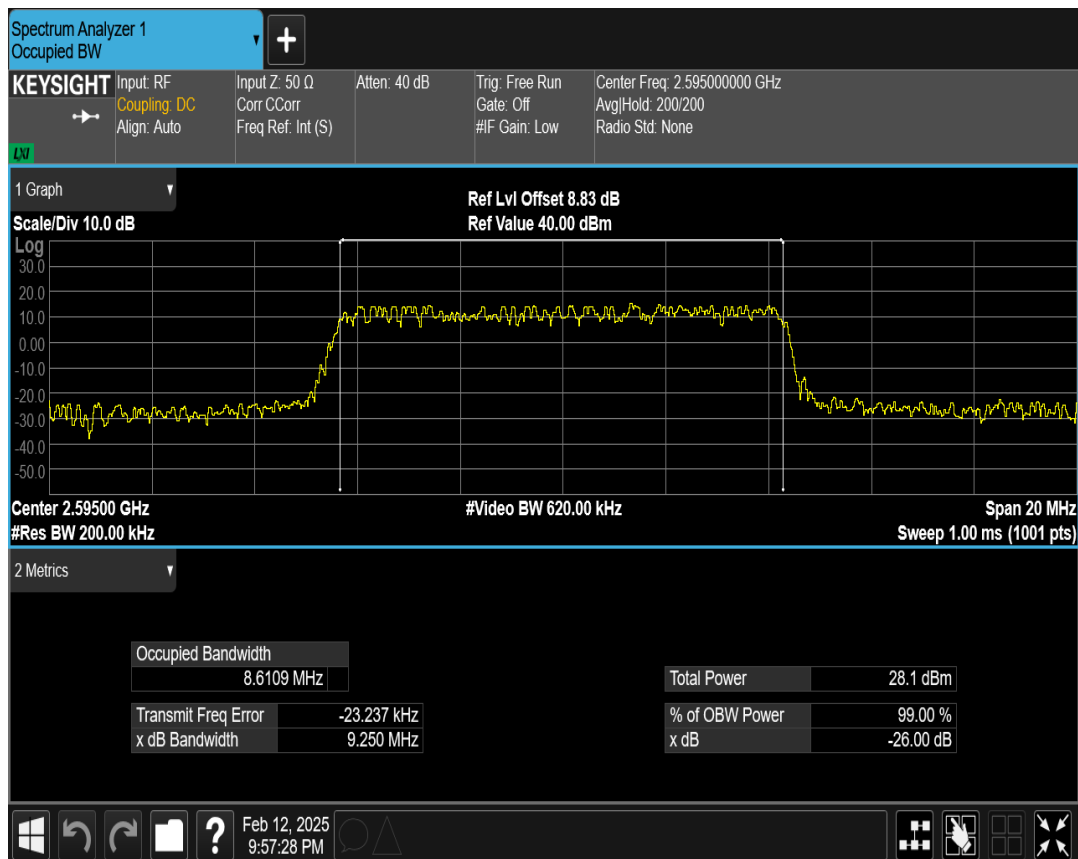
| Band | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | 99% OBW<br>(MHz) | -26dB EBW<br>(MHz) | Verdict |
|------|--------------|--------------------|---------------|------------------|------------|------------------|--------------------|---------|
| n38  | 30           | 10                 | 515000        | 24@0             | DFT_BPSK   | 8.658            | 9.286              | PASS    |
| n38  | 30           | 10                 | 515000        | 24@0             | DFT_QPSK   | 8.684            | 9.102              | PASS    |
| n38  | 30           | 10                 | 515000        | 24@0             | DFT_QAM16  | 8.563            | 9.335              | PASS    |
| n38  | 30           | 10                 | 515000        | 24@0             | DFT_QAM64  | 8.619            | 9.224              | PASS    |
| n38  | 30           | 10                 | 515000        | 24@0             | DFT_QAM256 | 8.575            | 9.355              | PASS    |
| n38  | 30           | 10                 | 515000        | 24@0             | CP_QPSK    | 8.609            | 9.385              | PASS    |
| n38  | 30           | 10                 | 519000        | 24@0             | DFT_BPSK   | 8.630            | 9.246              | PASS    |
| n38  | 30           | 10                 | 519000        | 24@0             | DFT_QPSK   | 8.611            | 9.250              | PASS    |
| n38  | 30           | 10                 | 519000        | 24@0             | DFT_QAM16  | 8.603            | 9.289              | PASS    |
| n38  | 30           | 10                 | 519000        | 24@0             | DFT_QAM64  | 8.606            | 9.302              | PASS    |
| n38  | 30           | 10                 | 519000        | 24@0             | DFT_QAM256 | 8.640            | 9.341              | PASS    |
| n38  | 30           | 10                 | 519000        | 24@0             | CP_QPSK    | 8.603            | 9.291              | PASS    |
| n38  | 30           | 10                 | 523000        | 24@0             | DFT_BPSK   | 8.632            | 9.165              | PASS    |
| n38  | 30           | 10                 | 523000        | 24@0             | DFT_QPSK   | 8.634            | 9.356              | PASS    |
| n38  | 30           | 10                 | 523000        | 24@0             | DFT_QAM16  | 8.611            | 9.386              | PASS    |
| n38  | 30           | 10                 | 523000        | 24@0             | DFT_QAM64  | 8.586            | 9.182              | PASS    |
| n38  | 30           | 10                 | 523000        | 24@0             | DFT_QAM256 | 8.563            | 9.192              | PASS    |
| n38  | 30           | 10                 | 523000        | 24@0             | CP_QPSK    | 8.601            | 9.368              | PASS    |
| n38  | 30           | 15                 | 515500        | 36@0             | DFT_BPSK   | 12.860           | 13.596             | PASS    |
| n38  | 30           | 15                 | 515500        | 36@0             | DFT_QPSK   | 12.818           | 13.671             | PASS    |
| n38  | 30           | 15                 | 515500        | 36@0             | DFT_QAM16  | 12.929           | 13.672             | PASS    |
| n38  | 30           | 15                 | 515500        | 36@0             | DFT_QAM64  | 12.880           | 13.589             | PASS    |
| n38  | 30           | 15                 | 515500        | 36@0             | DFT_QAM256 | 12.915           | 13.727             | PASS    |
| n38  | 30           | 15                 | 515500        | 38@0             | CP_QPSK    | 13.620           | 14.367             | PASS    |
| n38  | 30           | 15                 | 519000        | 36@0             | DFT_BPSK   | 12.902           | 13.728             | PASS    |
| n38  | 30           | 15                 | 519000        | 36@0             | DFT_QPSK   | 12.935           | 13.623             | PASS    |
| n38  | 30           | 15                 | 519000        | 36@0             | DFT_QAM16  | 12.929           | 13.799             | PASS    |
| n38  | 30           | 15                 | 519000        | 36@0             | DFT_QAM64  | 12.974           | 13.739             | PASS    |
| n38  | 30           | 15                 | 519000        | 36@0             | DFT_QAM256 | 12.937           | 13.607             | PASS    |
| n38  | 30           | 15                 | 519000        | 38@0             | CP_QPSK    | 13.657           | 14.382             | PASS    |
| n38  | 30           | 15                 | 522500        | 36@0             | DFT_BPSK   | 12.924           | 13.655             | PASS    |
| n38  | 30           | 15                 | 522500        | 36@0             | DFT_QPSK   | 12.877           | 13.776             | PASS    |
| n38  | 30           | 15                 | 522500        | 36@0             | DFT_QAM16  | 12.894           | 13.932             | PASS    |
| n38  | 30           | 15                 | 522500        | 36@0             | DFT_QAM64  | 12.878           | 13.636             | PASS    |
| n38  | 30           | 15                 | 522500        | 36@0             | DFT_QAM256 | 12.961           | 13.781             | PASS    |
| n38  | 30           | 15                 | 522500        | 38@0             | CP_QPSK    | 13.605           | 14.420             | PASS    |
| n38  | 30           | 20                 | 516000        | 50@0             | DFT_BPSK   | 18.037           | 18.904             | PASS    |
| n38  | 30           | 20                 | 516000        | 50@0             | DFT_QPSK   | 17.932           | 19.042             | PASS    |
| n38  | 30           | 20                 | 516000        | 50@0             | DFT_QAM16  | 18.002           | 18.943             | PASS    |

|     |    |    |        |       |            |        |        |      |
|-----|----|----|--------|-------|------------|--------|--------|------|
| n38 | 30 | 20 | 516000 | 50@0  | DFT_QAM64  | 18.078 | 18.915 | PASS |
| n38 | 30 | 20 | 516000 | 50@0  | DFT_QAM256 | 17.918 | 18.867 | PASS |
| n38 | 30 | 20 | 516000 | 51@0  | CP_QPSK    | 18.174 | 19.274 | PASS |
| n38 | 30 | 20 | 519000 | 50@0  | DFT_BPSK   | 17.960 | 18.905 | PASS |
| n38 | 30 | 20 | 519000 | 50@0  | DFT_QPSK   | 17.979 | 18.923 | PASS |
| n38 | 30 | 20 | 519000 | 50@0  | DFT_QAM16  | 18.074 | 18.952 | PASS |
| n38 | 30 | 20 | 519000 | 50@0  | DFT_QAM64  | 17.986 | 18.928 | PASS |
| n38 | 30 | 20 | 519000 | 50@0  | DFT_QAM256 | 17.994 | 18.896 | PASS |
| n38 | 30 | 20 | 519000 | 51@0  | CP_QPSK    | 18.256 | 19.213 | PASS |
| n38 | 30 | 20 | 522000 | 50@0  | DFT_BPSK   | 17.892 | 18.852 | PASS |
| n38 | 30 | 20 | 522000 | 50@0  | DFT_QPSK   | 18.070 | 18.978 | PASS |
| n38 | 30 | 20 | 522000 | 50@0  | DFT_QAM16  | 17.892 | 18.958 | PASS |
| n38 | 30 | 20 | 522000 | 50@0  | DFT_QAM64  | 17.881 | 18.899 | PASS |
| n38 | 30 | 20 | 522000 | 50@0  | DFT_QAM256 | 18.037 | 19.041 | PASS |
| n38 | 30 | 20 | 522000 | 51@0  | CP_QPSK    | 18.236 | 19.305 | PASS |
| n38 | 30 | 40 | 518000 | 100@0 | DFT_BPSK   | 35.948 | 37.767 | PASS |
| n38 | 30 | 40 | 518000 | 100@0 | DFT_QPSK   | 35.802 | 37.865 | PASS |
| n38 | 30 | 40 | 518000 | 100@0 | DFT_QAM16  | 35.757 | 37.649 | PASS |
| n38 | 30 | 40 | 518000 | 100@0 | DFT_QAM64  | 35.928 | 37.849 | PASS |
| n38 | 30 | 40 | 518000 | 100@0 | DFT_QAM256 | 35.889 | 37.663 | PASS |
| n38 | 30 | 40 | 518000 | 106@0 | CP_QPSK    | 37.775 | 39.847 | PASS |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_BPSK   | 35.918 | 37.829 | PASS |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_QPSK   | 36.009 | 37.698 | PASS |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_QAM16  | 35.868 | 37.722 | PASS |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_QAM64  | 35.902 | 37.732 | PASS |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_QAM256 | 35.905 | 37.711 | PASS |
| n38 | 30 | 40 | 519000 | 106@0 | CP_QPSK    | 37.967 | 39.955 | PASS |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_BPSK   | 35.828 | 37.784 | PASS |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_QPSK   | 35.842 | 37.748 | PASS |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_QAM16  | 35.850 | 37.857 | PASS |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_QAM64  | 35.972 | 37.684 | PASS |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_QAM256 | 35.782 | 37.764 | PASS |
| n38 | 30 | 40 | 520000 | 106@0 | CP_QPSK    | 37.890 | 39.855 | PASS |

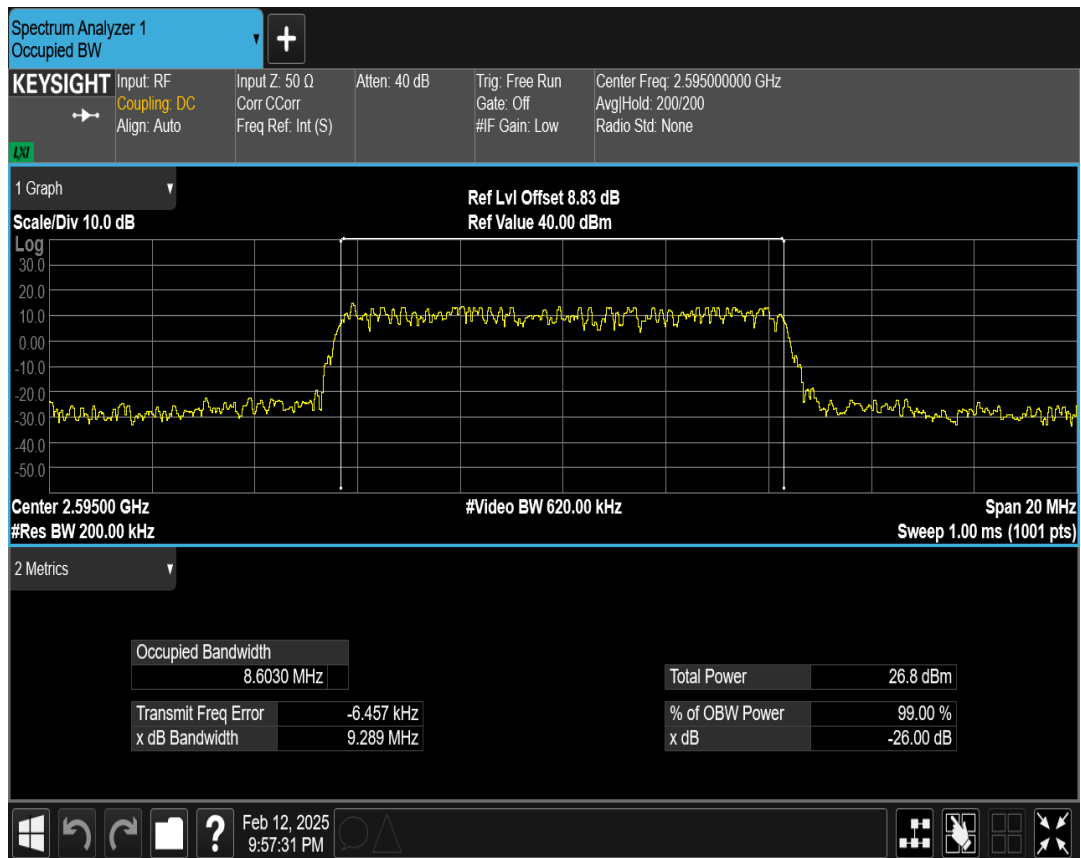
n38 SCS=30kHz DFT\_BPSK BW=10MHz Channel=519000 RB=24@0



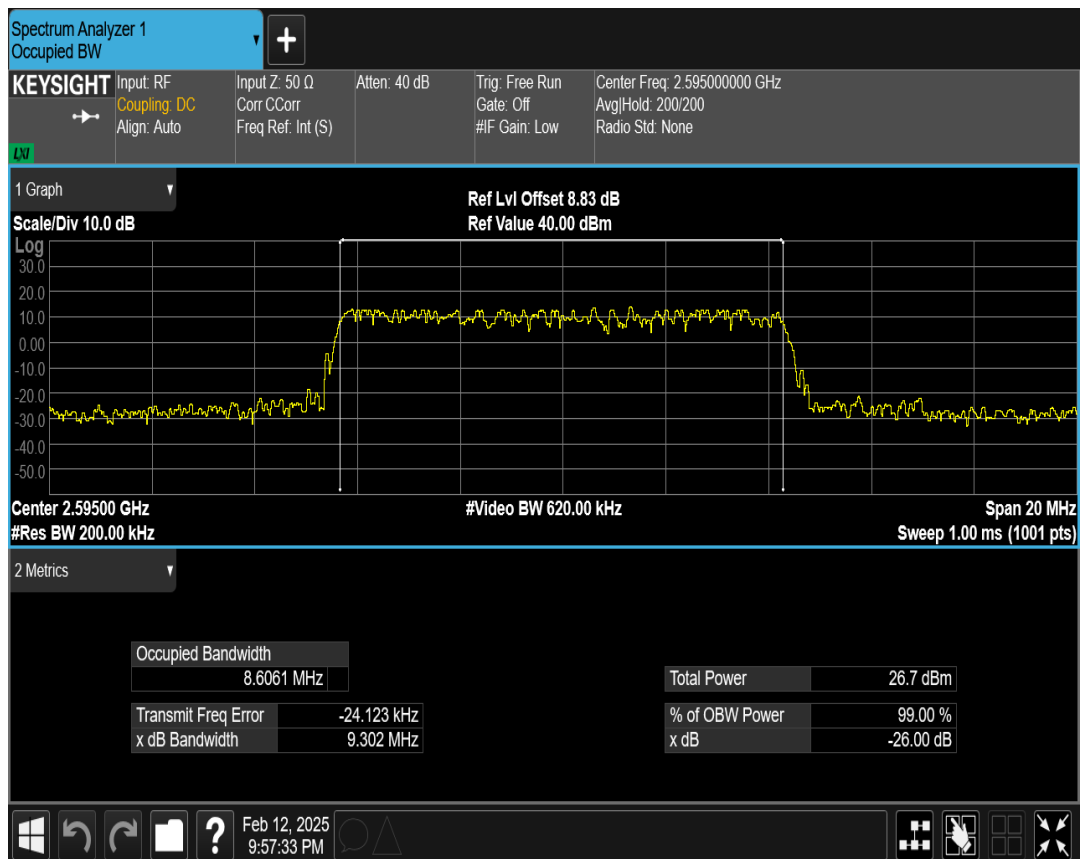
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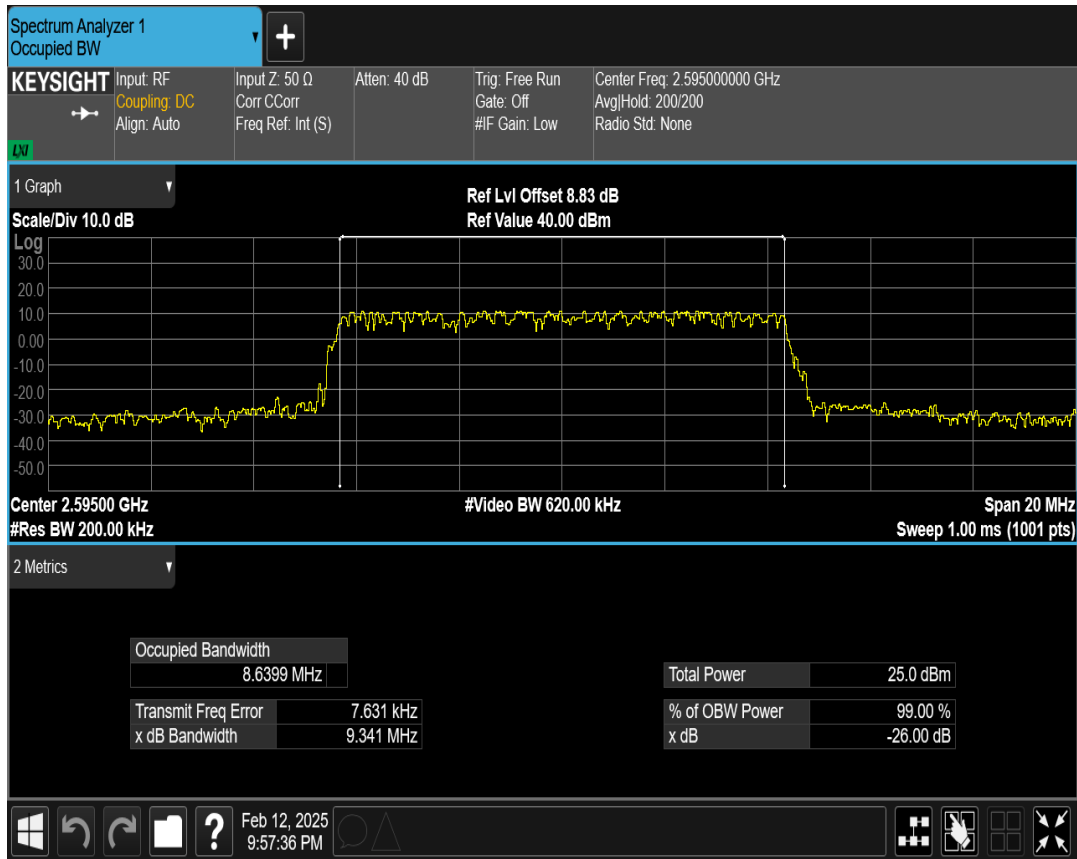
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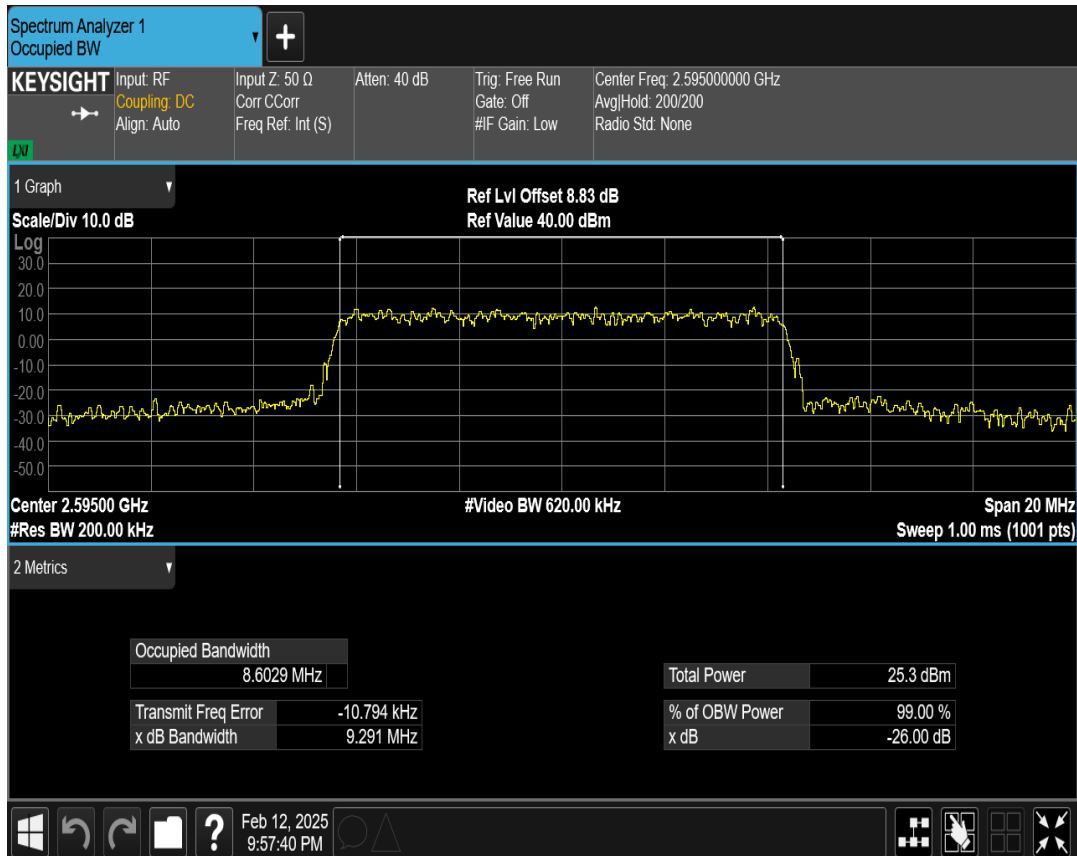
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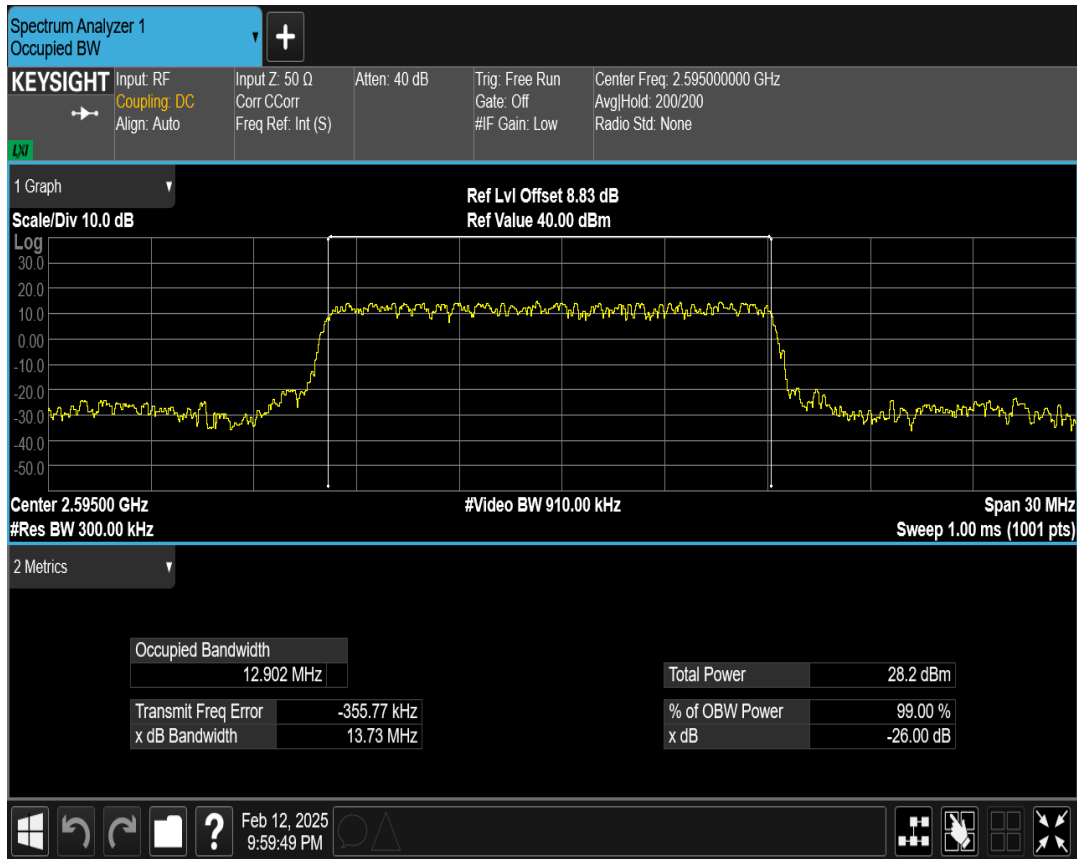
n38 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=519000 RB=24@0



n38 SCS=30kHz CP\_QPSK BW=10MHz Channel=519000 RB=24@0



n38 SCS=30kHz DFT\_BPSK BW=15MHz Channel=519000 RB=36@0



n38 SCS=30kHz DFT\_QPSK BW=15MHz Channel=519000 RB=36@0

