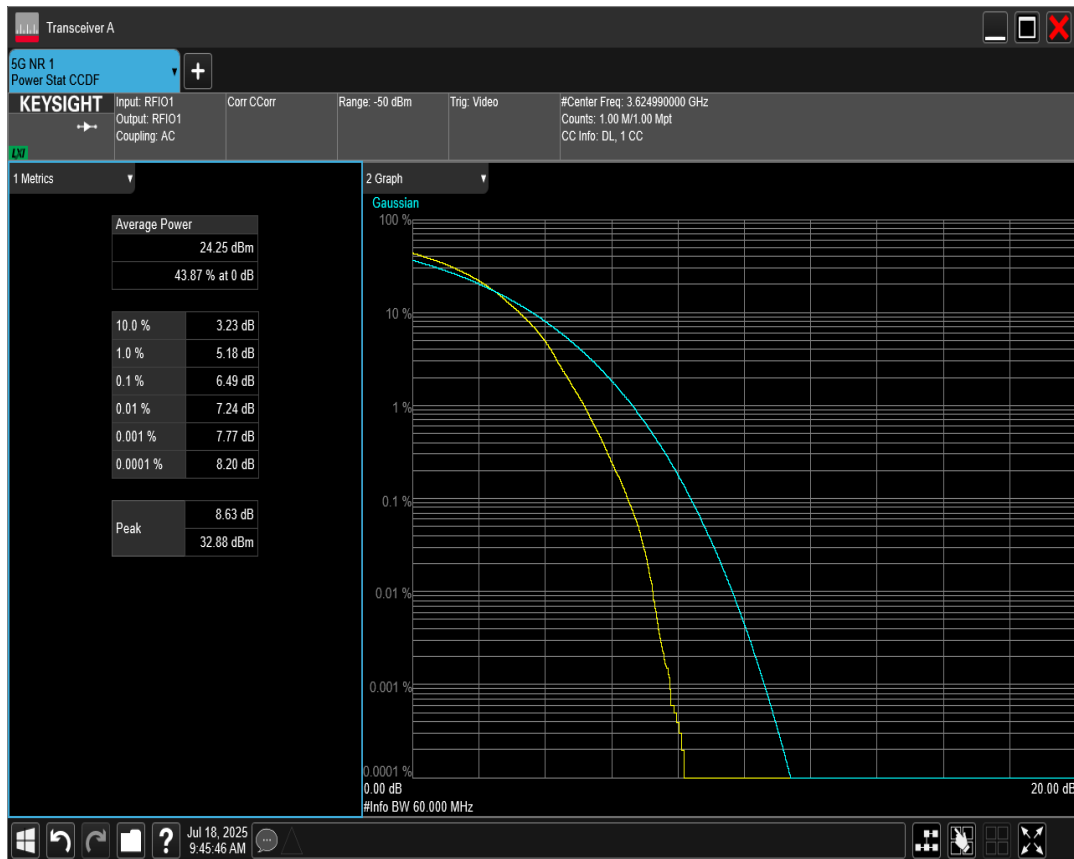
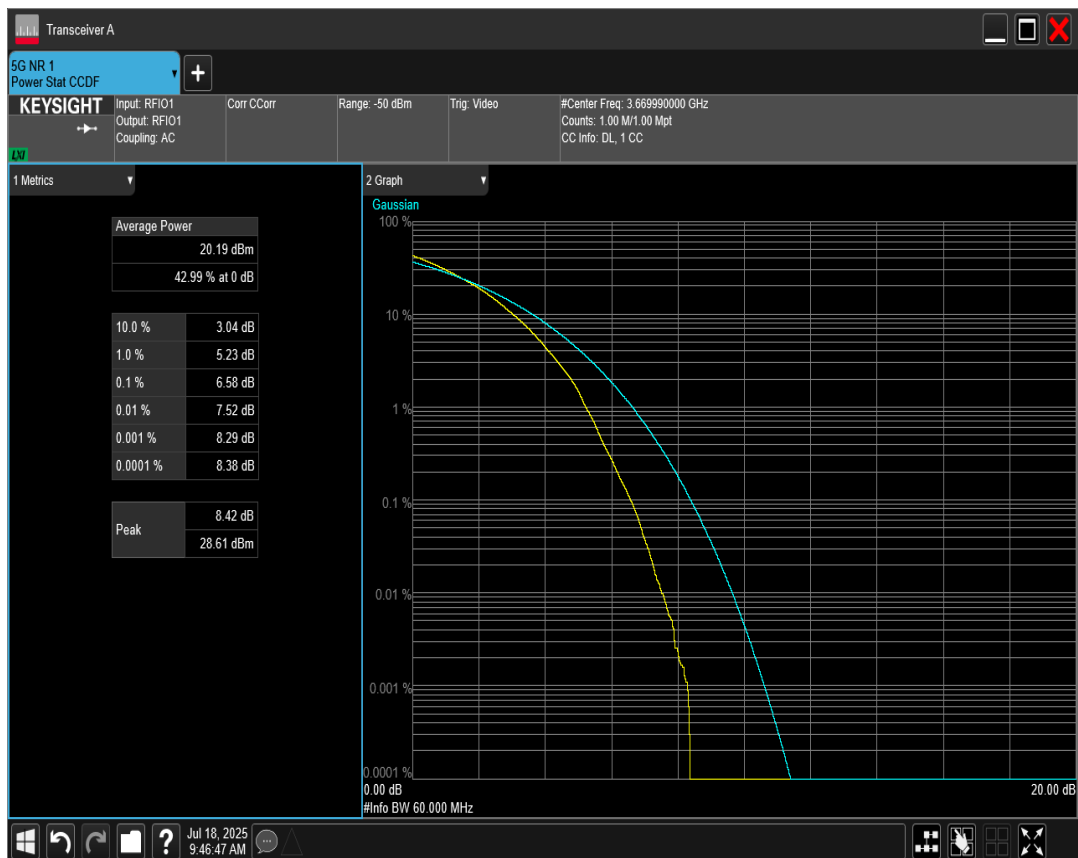
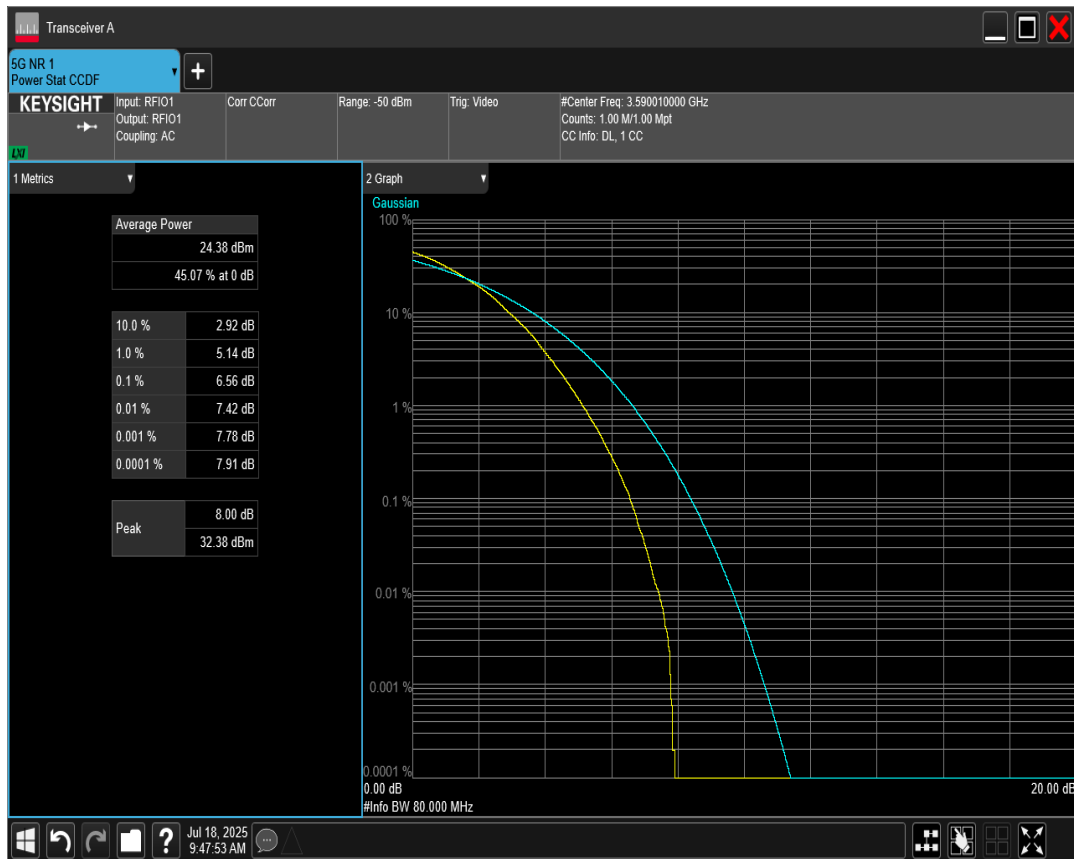




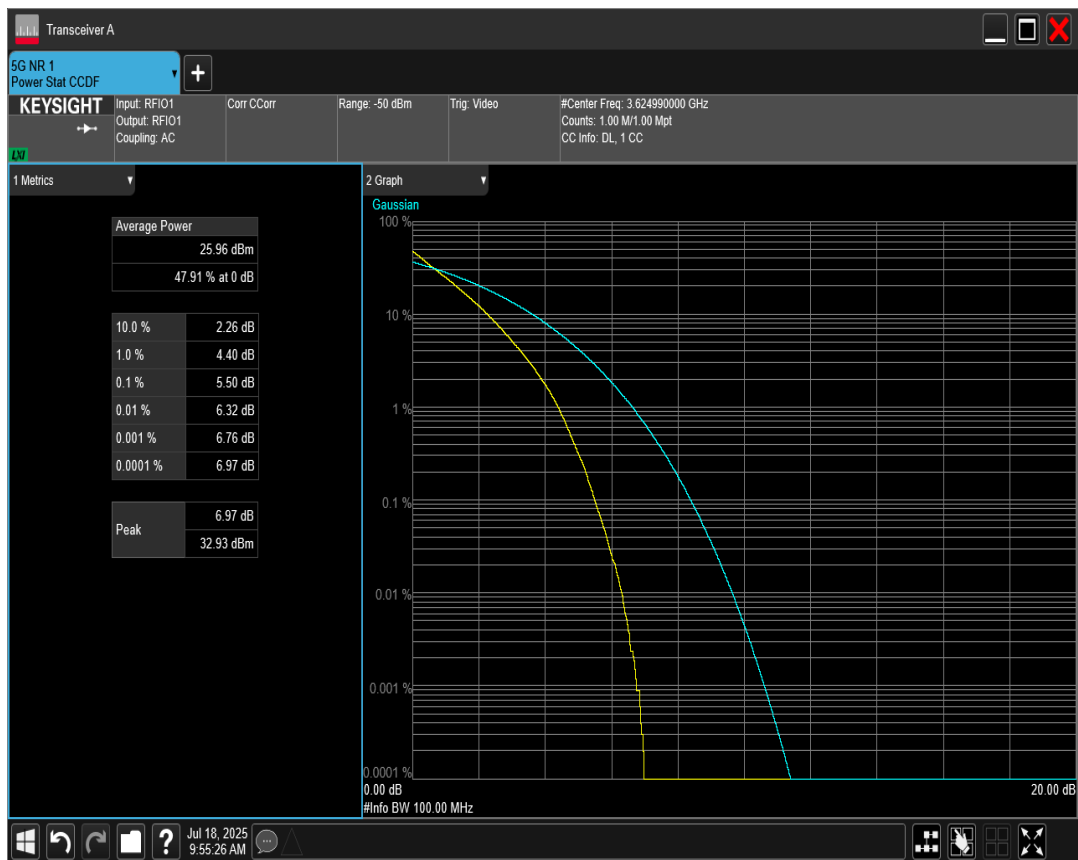
***n77(3550-3700) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=644666 RB=162@0***



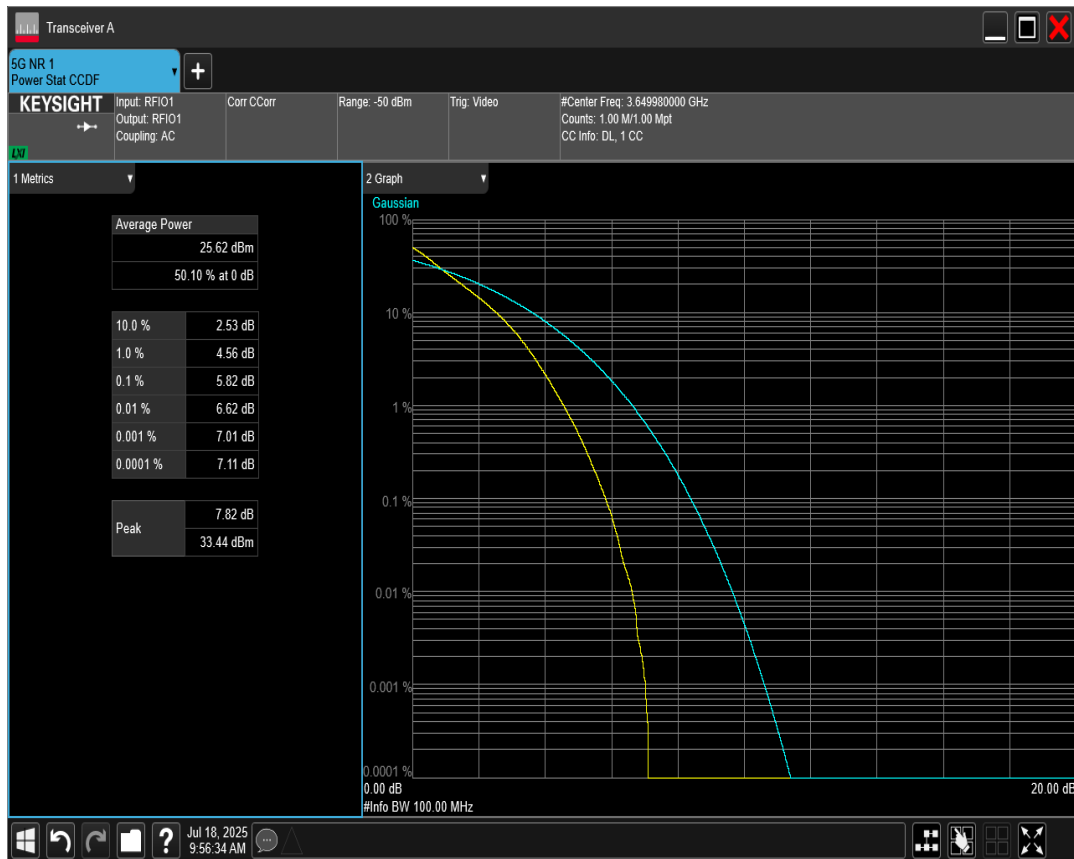
***n77(3550-3700) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=639334 RB=216@0***



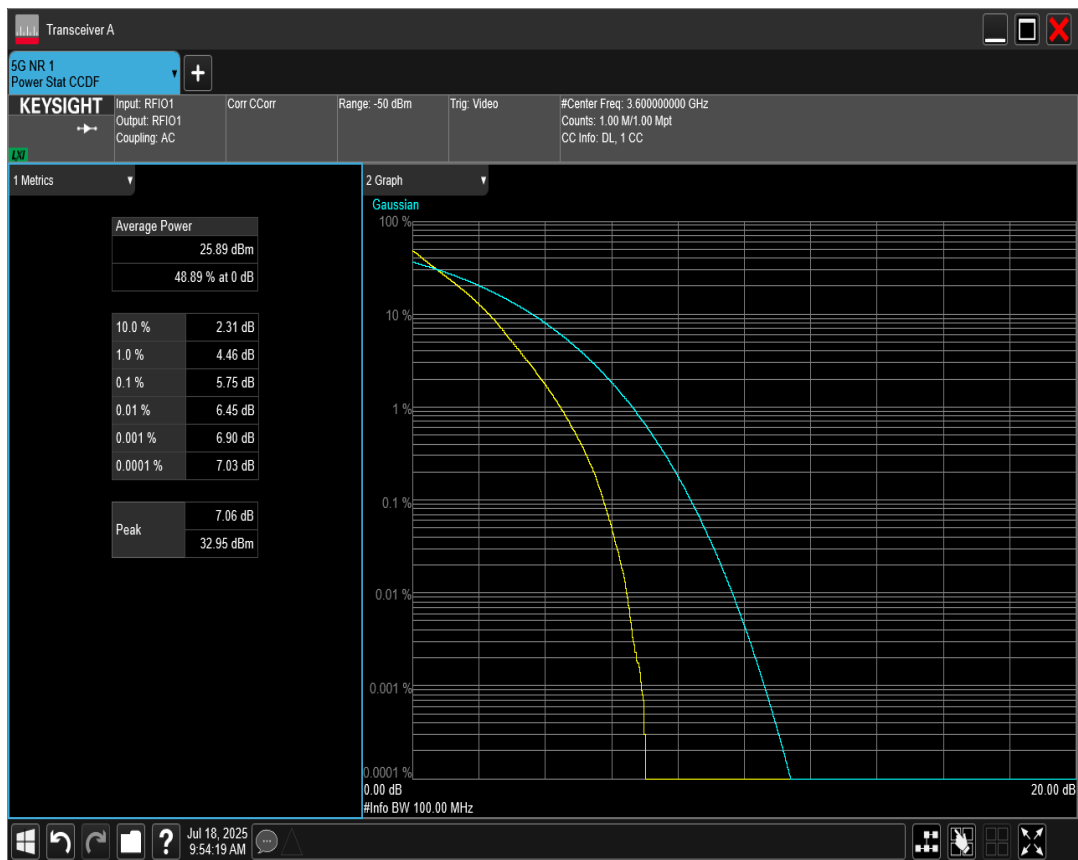
*n77(3550-3700) SCS=30kHz DFT\_QPSK BW=100MHz Channel=641666 RB=270@0*



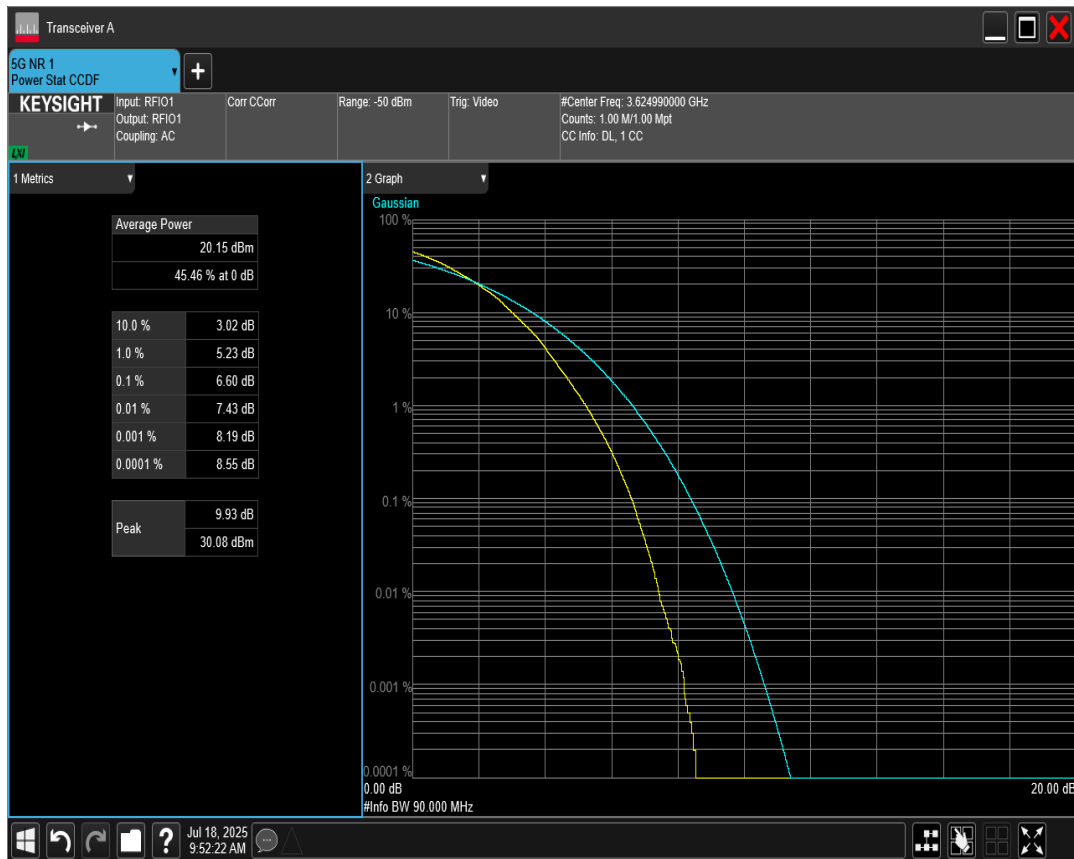
*n77(3550-3700) SCS=30kHz DFT\_QPSK BW=100MHz Channel=643332 RB=270@0*



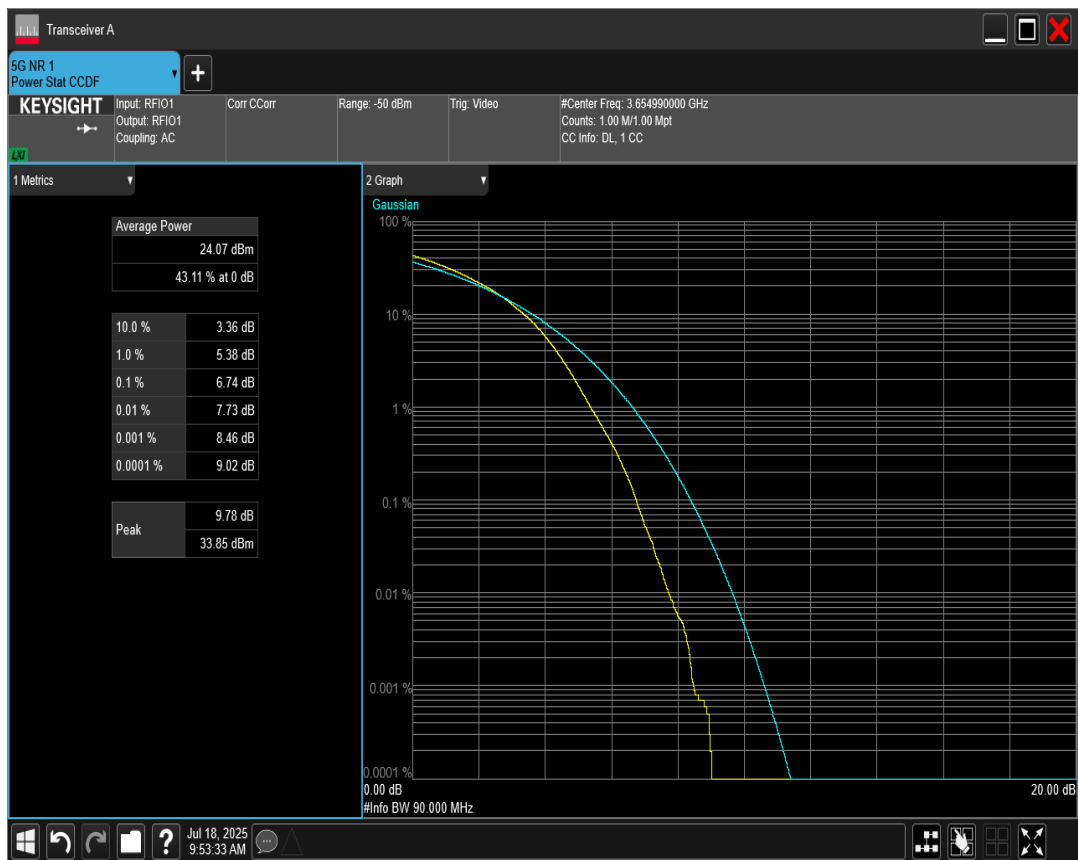
*n77(3550-3700) SCS=30kHz DFT\_QPSK BW=100MHz Channel=640000 RB=270@0*



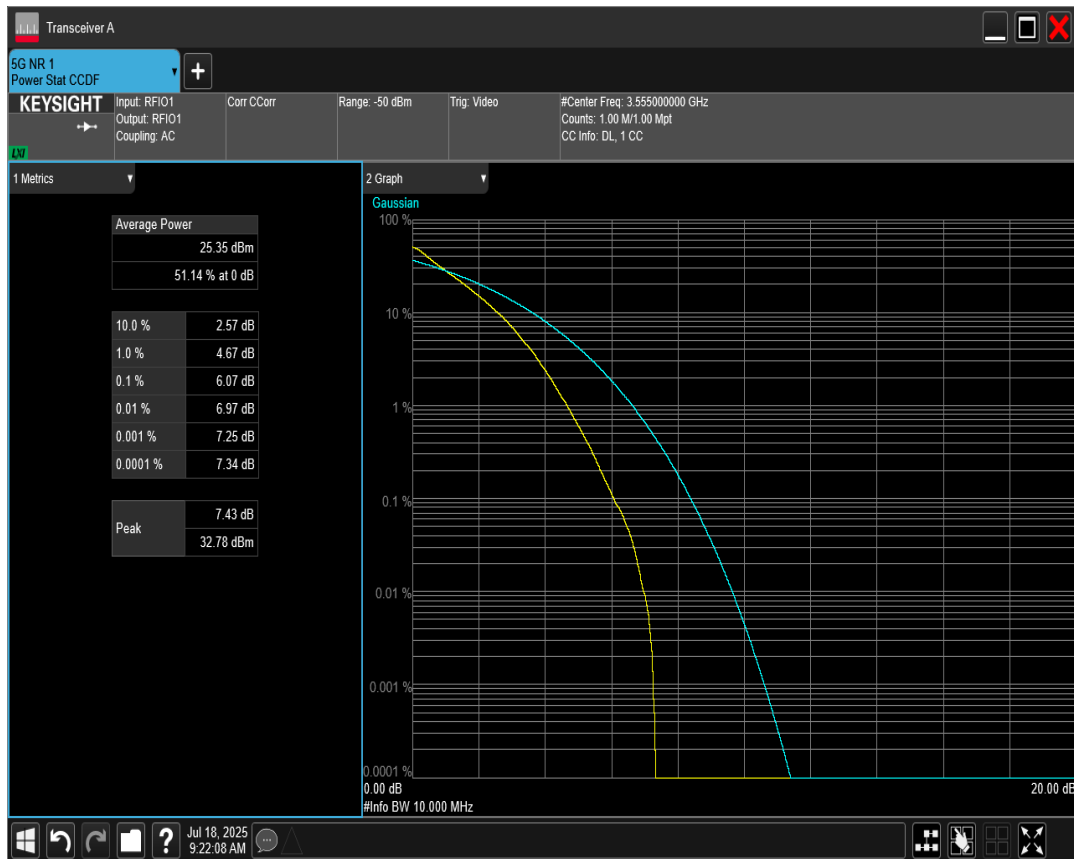
*n77(3550-3700) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=641666 RB=240@0*



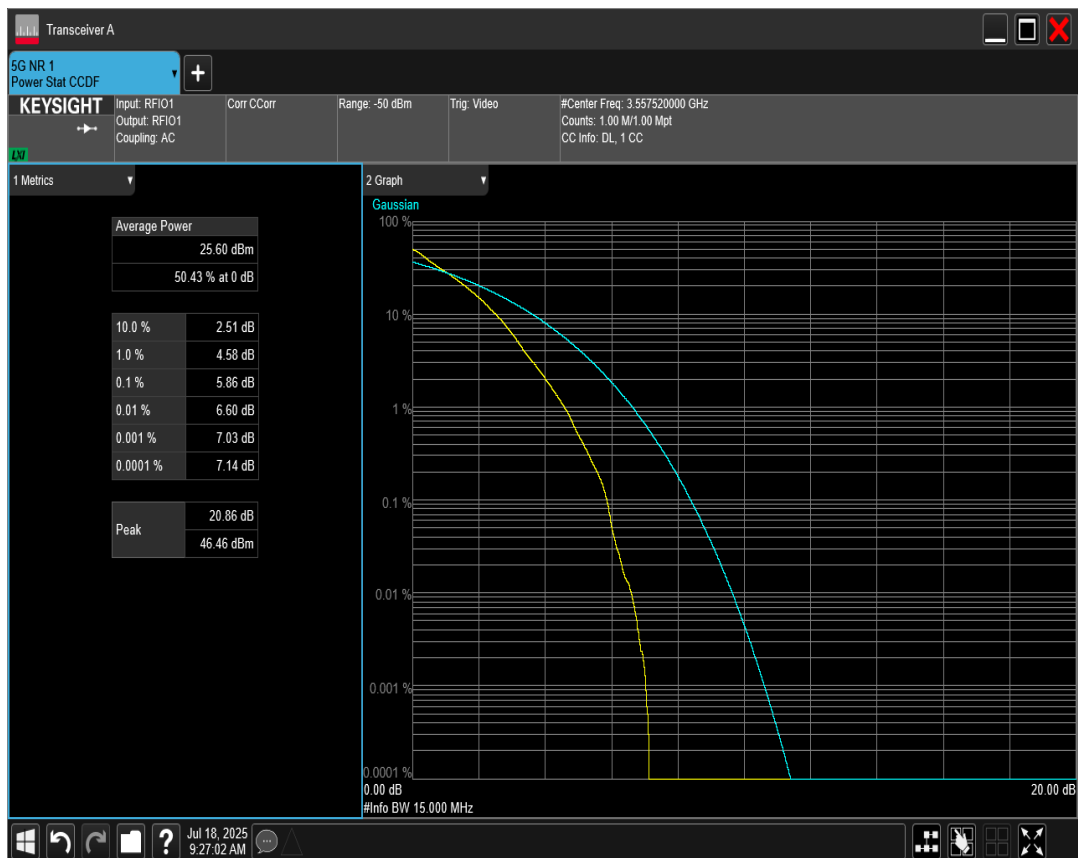
*n77(3550-3700) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=643666 RB=240@0*



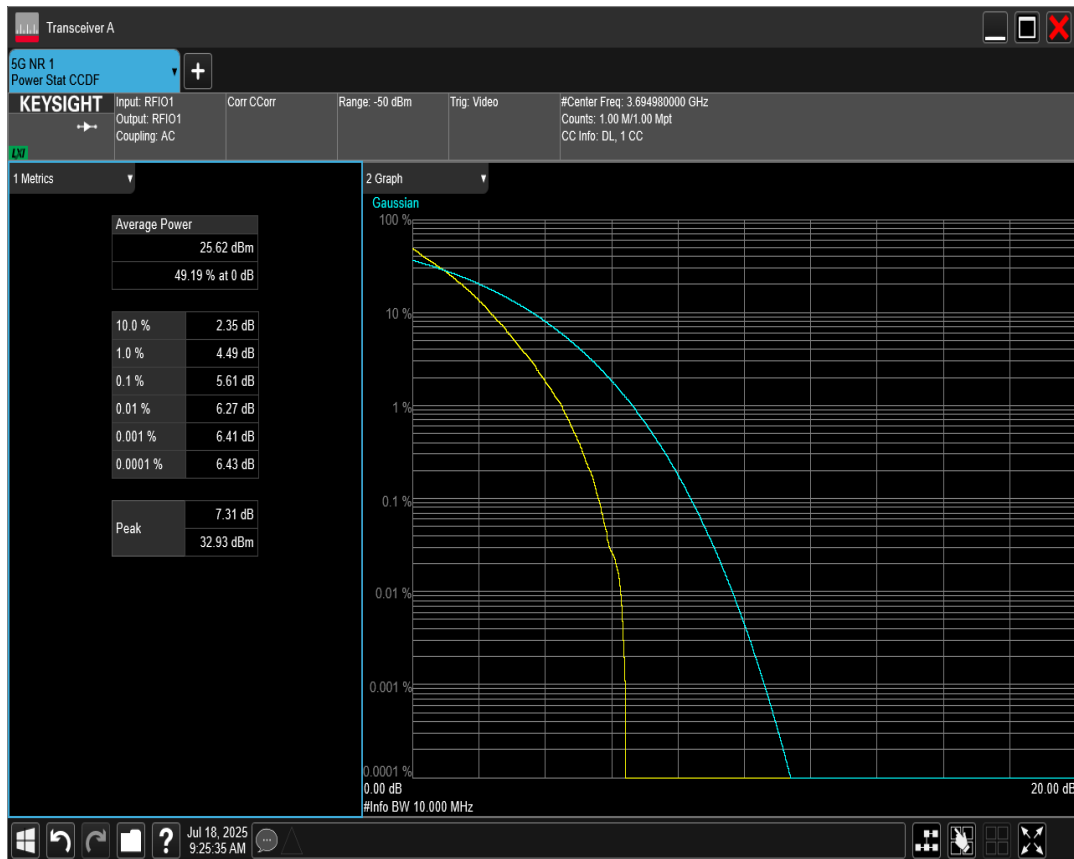
*n77(3550-3700) SCS=30kHz DFT\_QPSK BW=10MHz Channel=637000 RB=24@0*



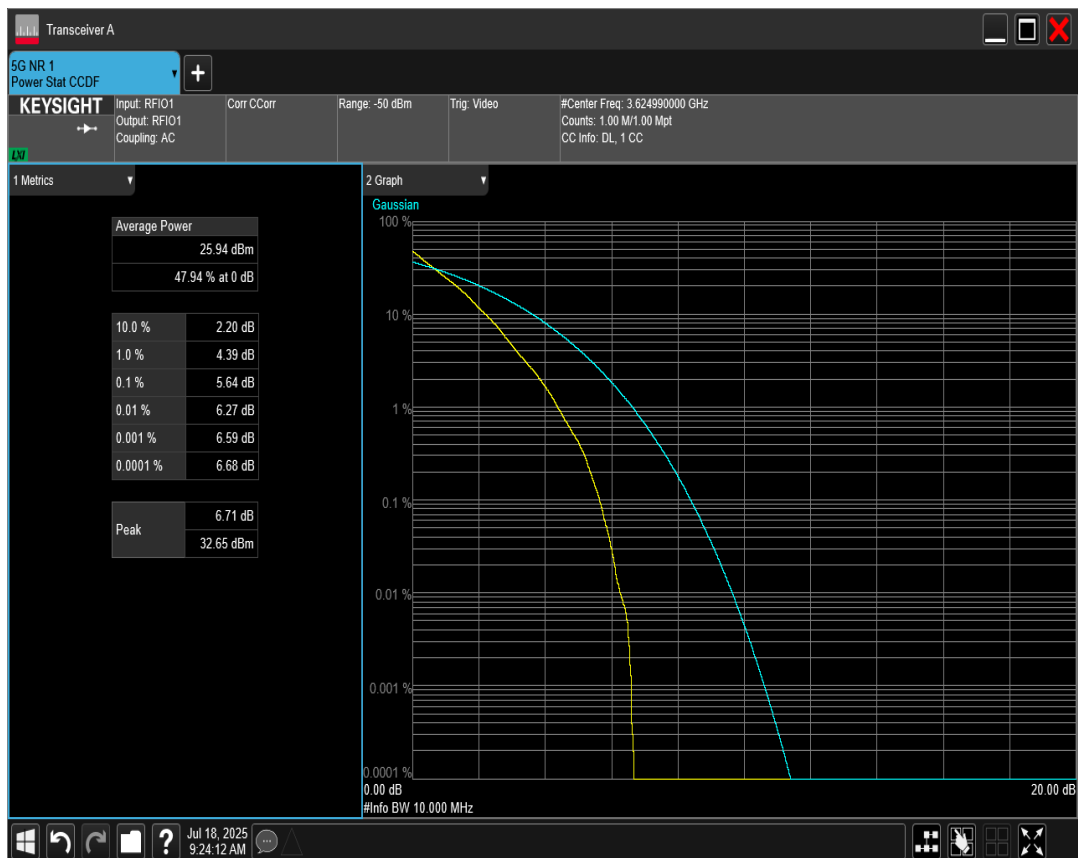
*n77(3550-3700) SCS=30kHz DFT\_QPSK BW=15MHz Channel=637168 RB=36@0*



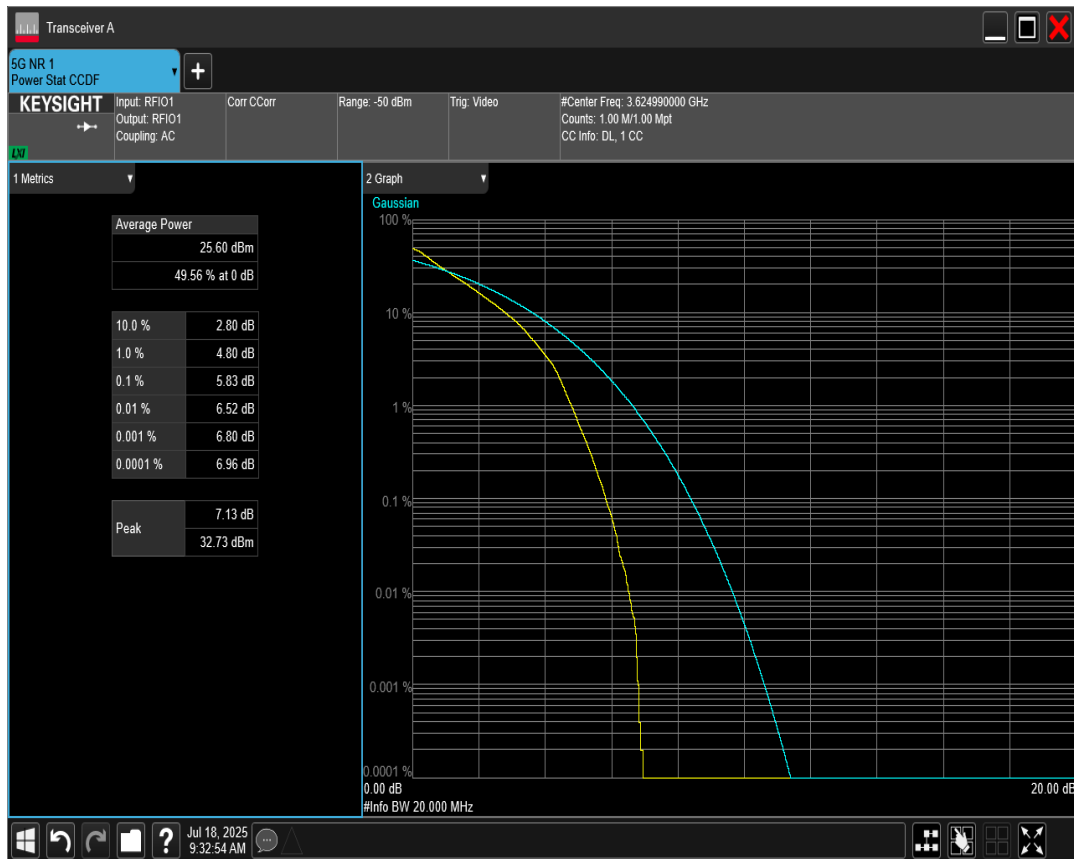
*n77(3550-3700) SCS=30kHz DFT\_QPSK BW=10MHz Channel=646332 RB=24@0*



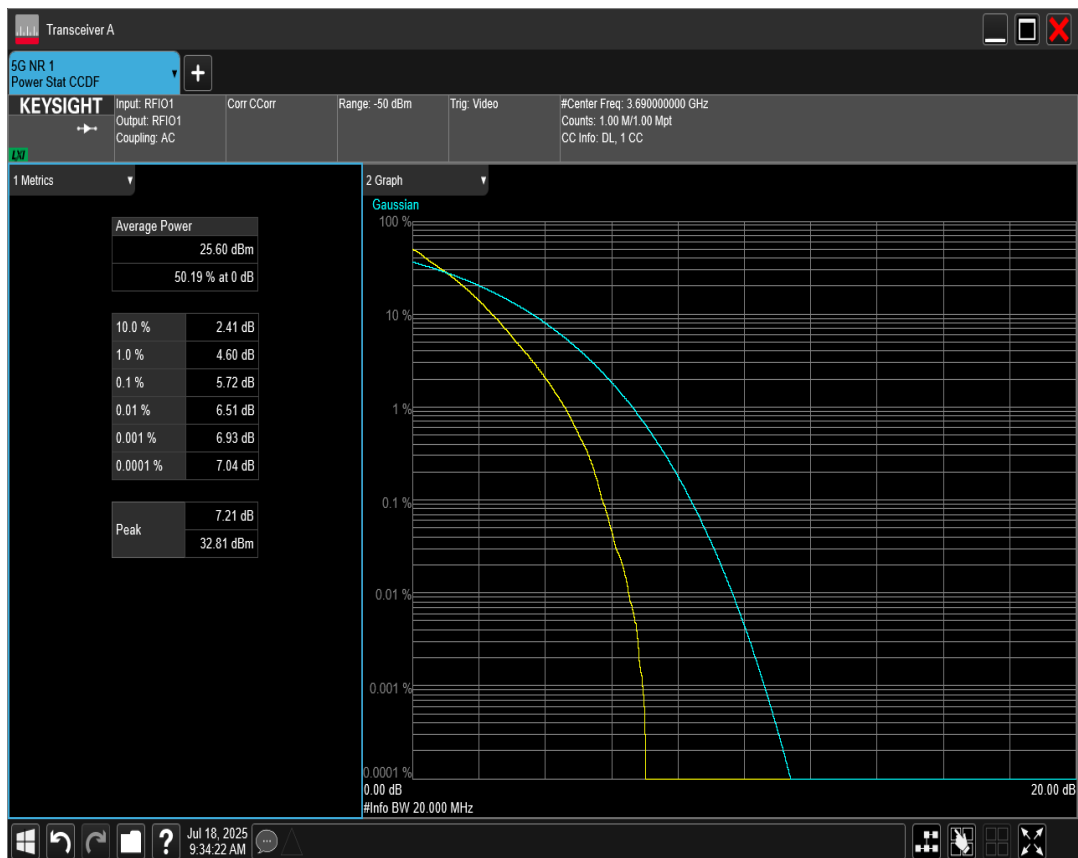
***n77(3550-3700) SCS=30kHz DFT\_QPSK BW=10MHz Channel=641666 RB=24@0***



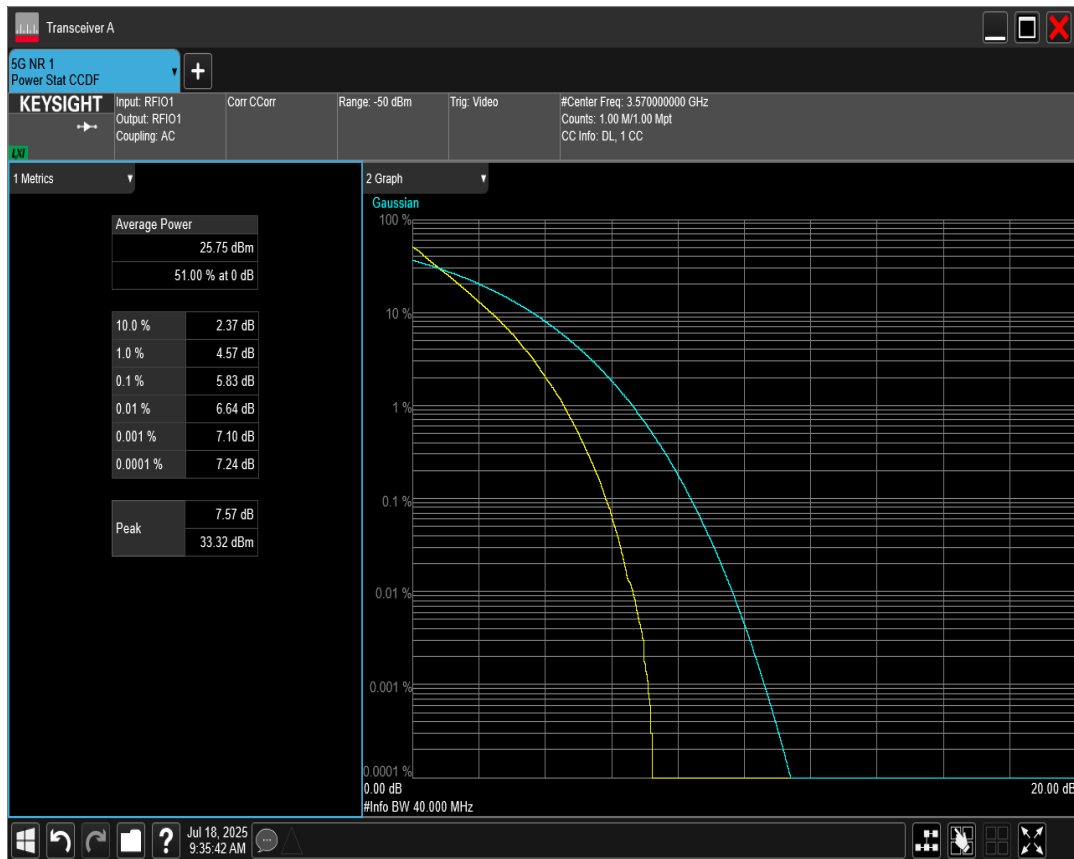
***n77(3550-3700) SCS=30kHz DFT\_QPSK BW=20MHz Channel=641666 RB=50@0***



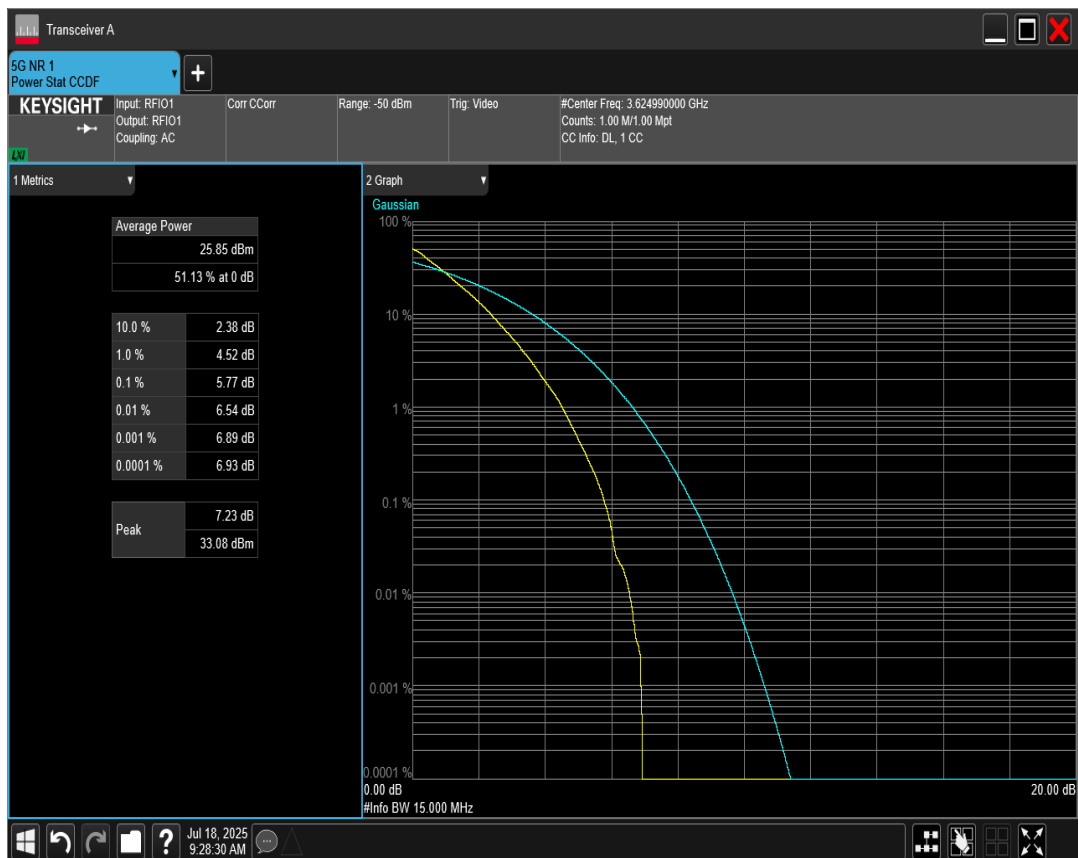
*n77(3550-3700) SCS=30kHz DFT\_QPSK BW=20MHz Channel=646000 RB=50@0*



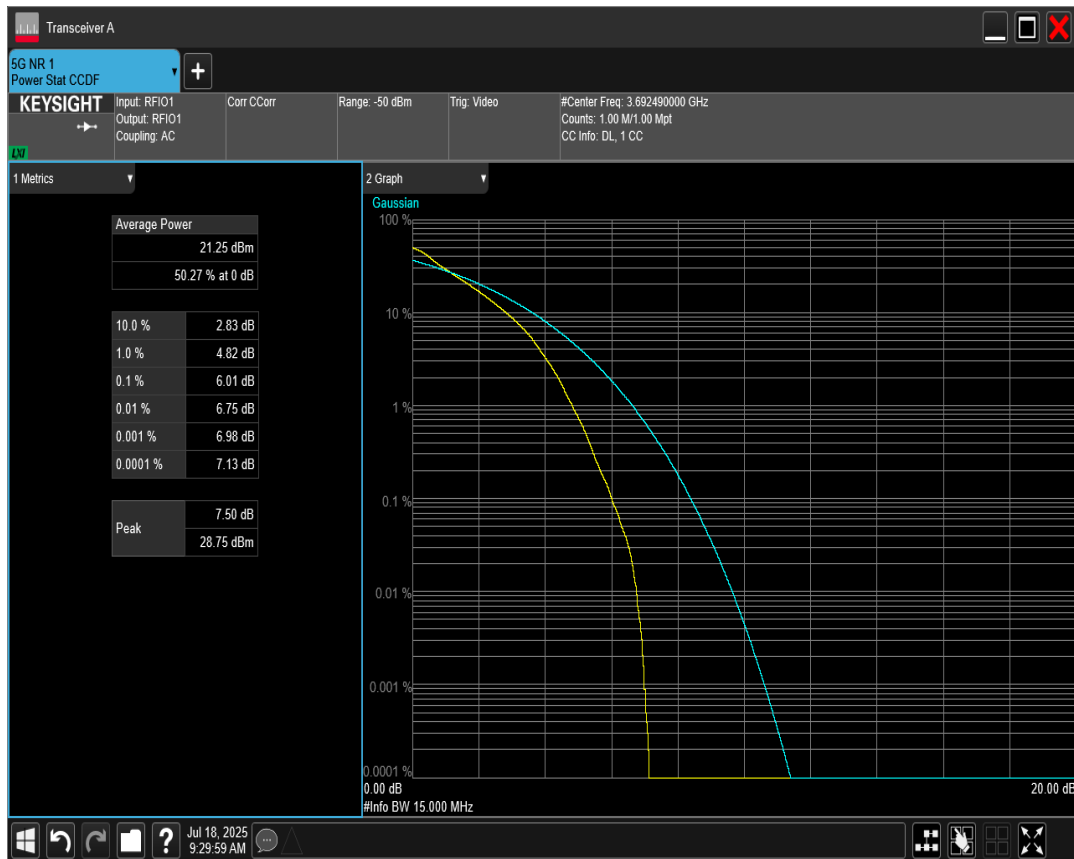
*n77(3550-3700) SCS=30kHz DFT\_QPSK BW=40MHz Channel=638000 RB=100@0*



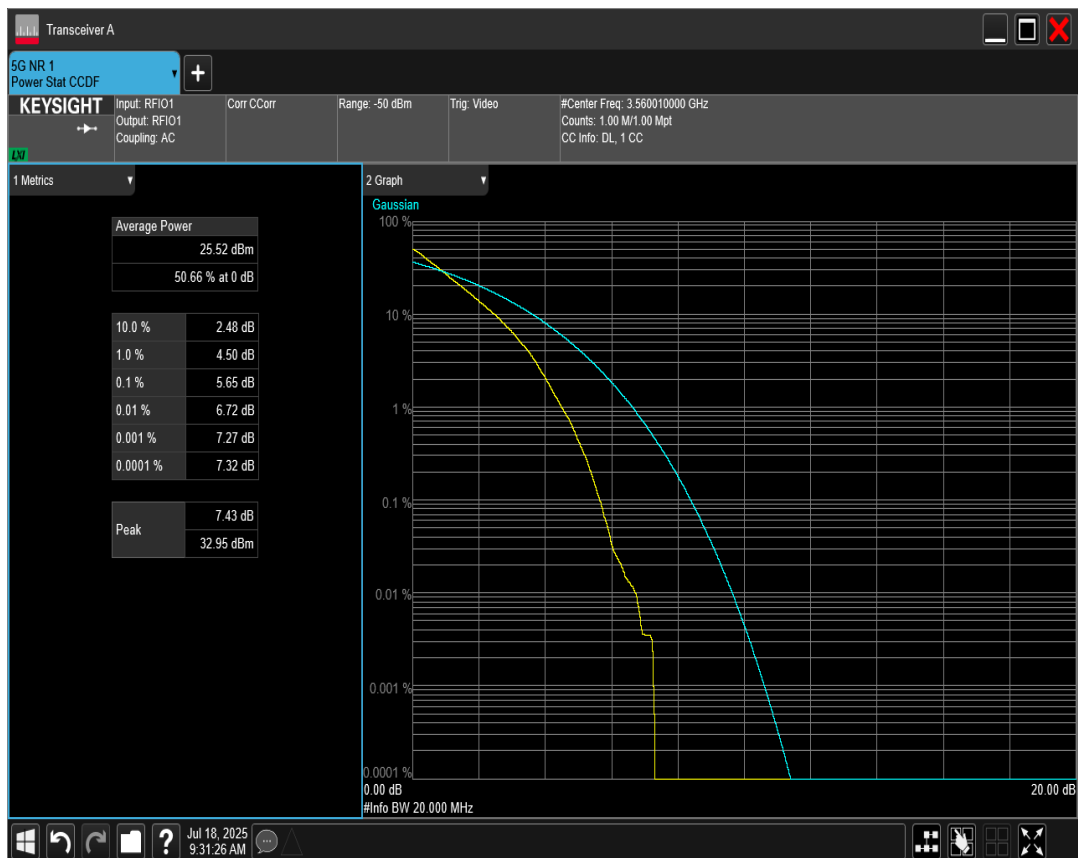
*n77(3550-3700) SCS=30kHz DFT\_QPSK BW=15MHz Channel=641666 RB=36@0*



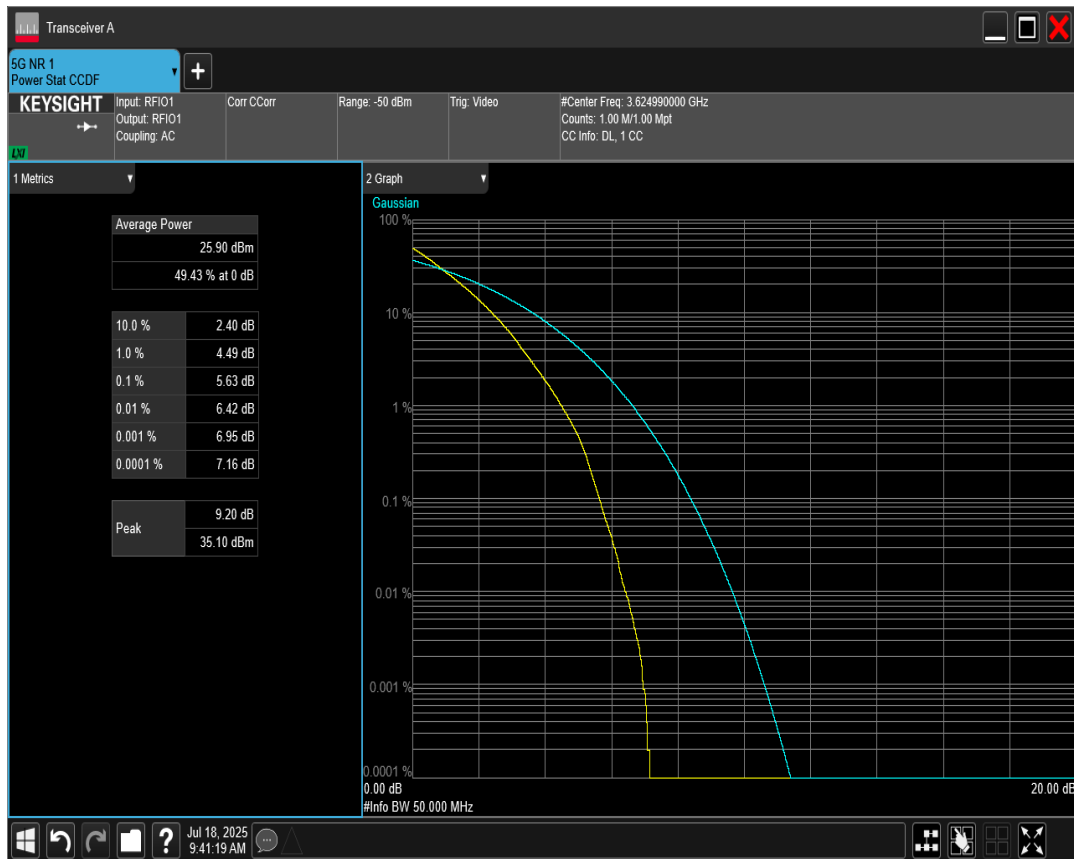
*n77(3550-3700) SCS=30kHz DFT\_QPSK BW=15MHz Channel=646166 RB=36@0*



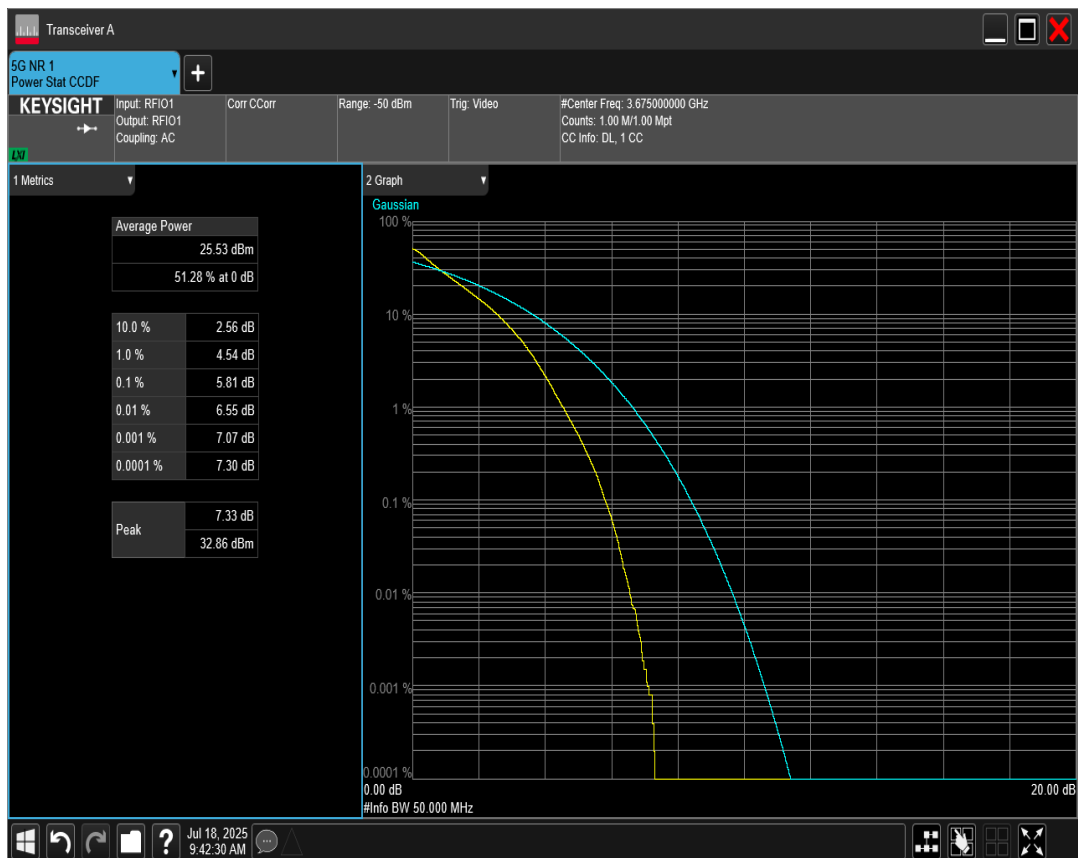
*n77(3550-3700) SCS=30kHz DFT\_QPSK BW=20MHz Channel=637334 RB=50@0*



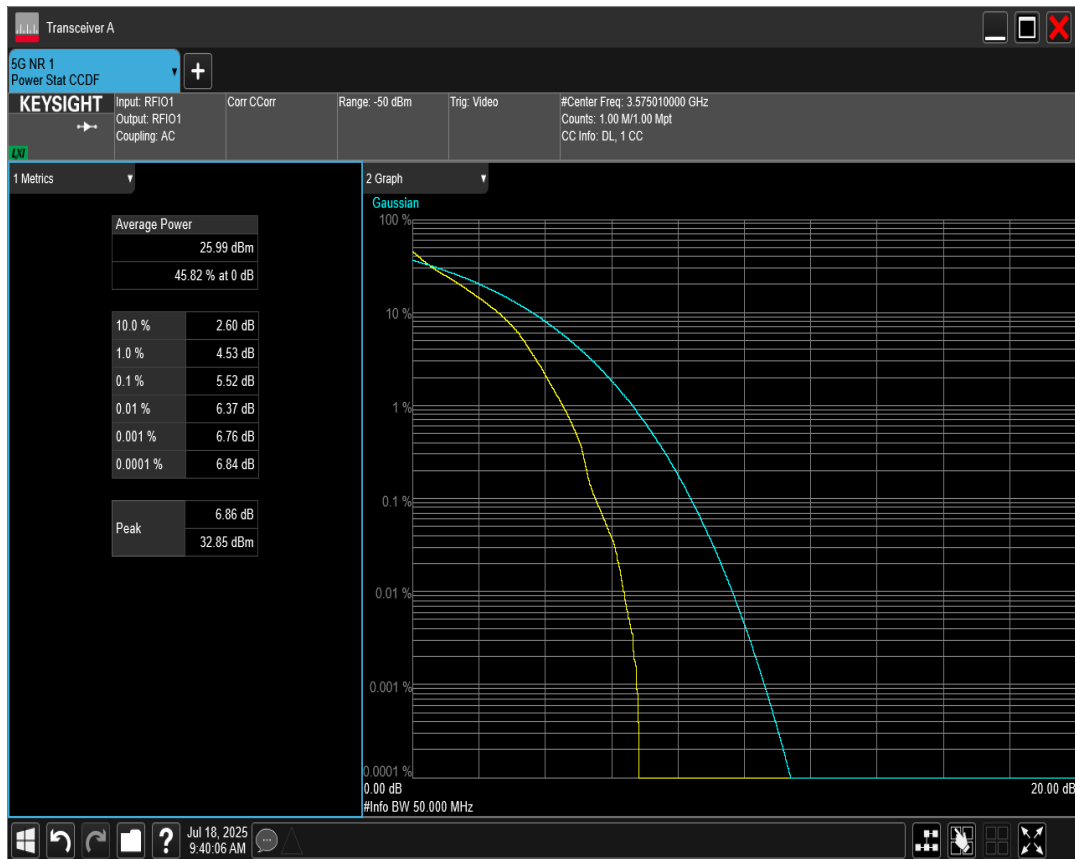
*n77(3550-3700) SCS=30kHz DFT\_QPSK BW=50MHz Channel=641666 RB=128@0*



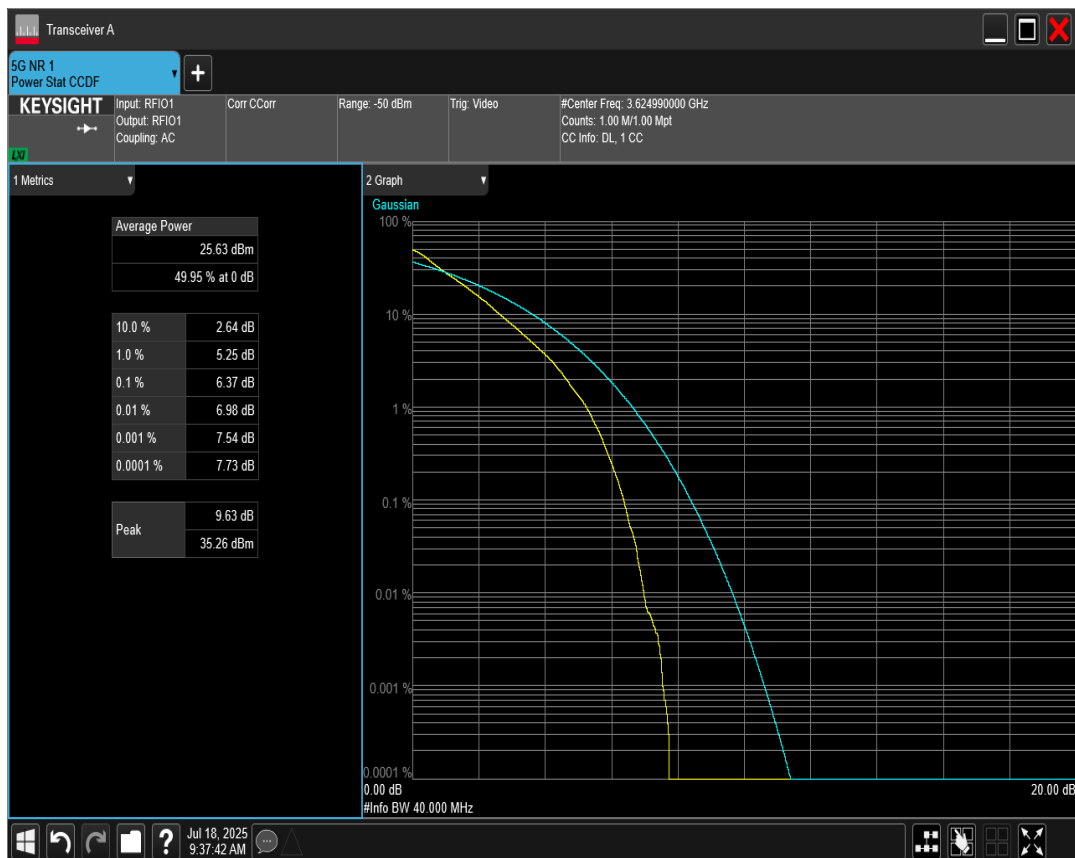
***n77(3550-3700) SCS=30kHz DFT\_QPSK BW=50MHz Channel=645000 RB=128@0***



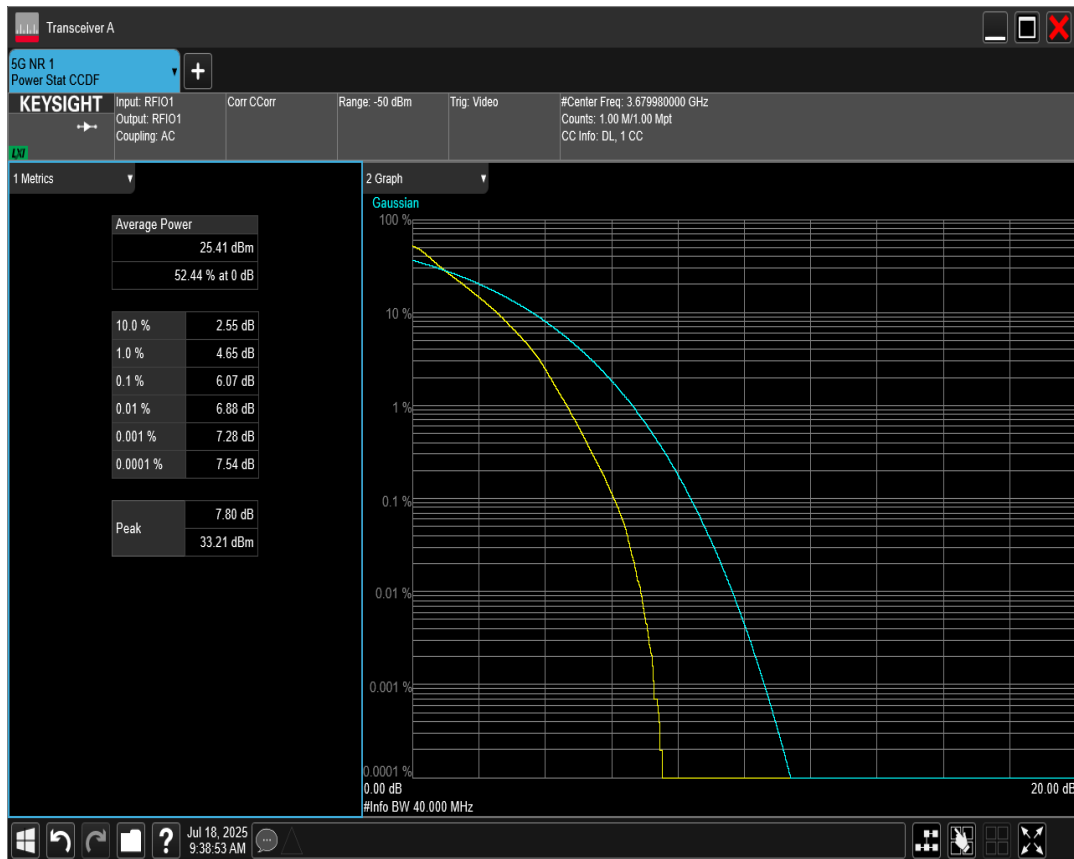
***n77(3550-3700) SCS=30kHz DFT\_QPSK BW=50MHz Channel=638334 RB=128@0***



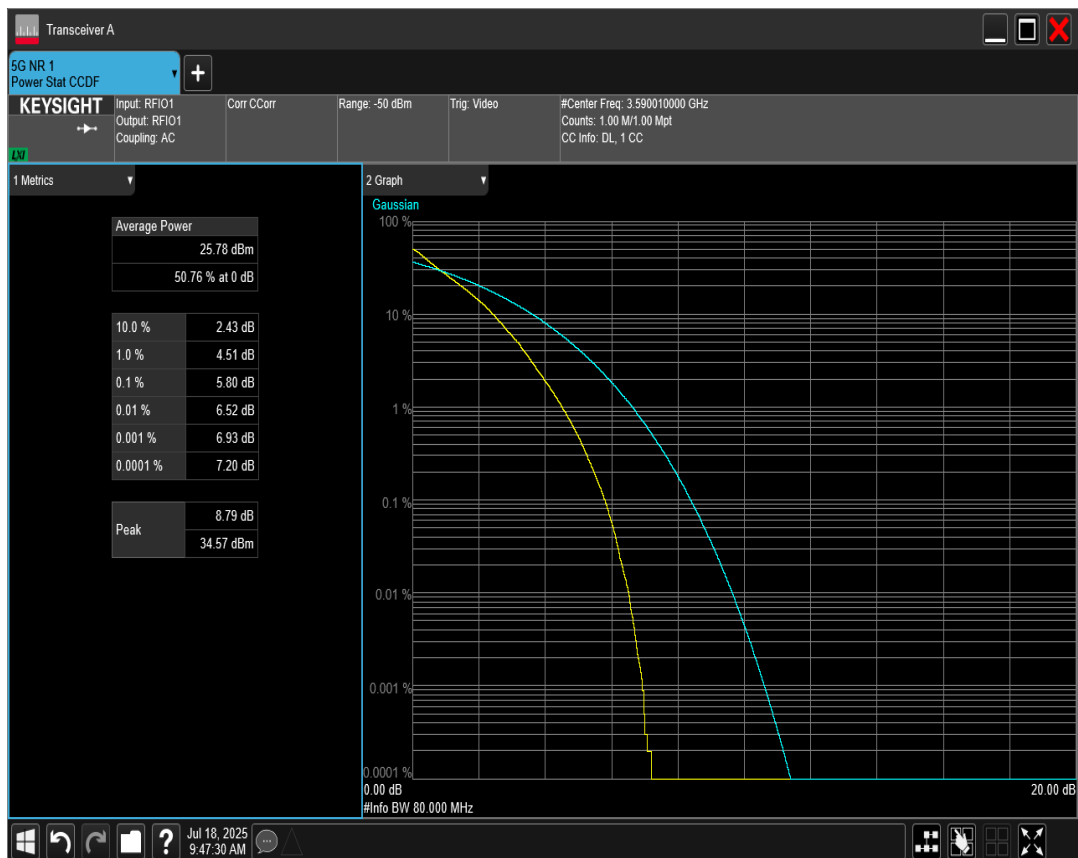
***n77(3550-3700) SCS=30kHz DFT\_QPSK BW=40MHz Channel=641666 RB=100@0***



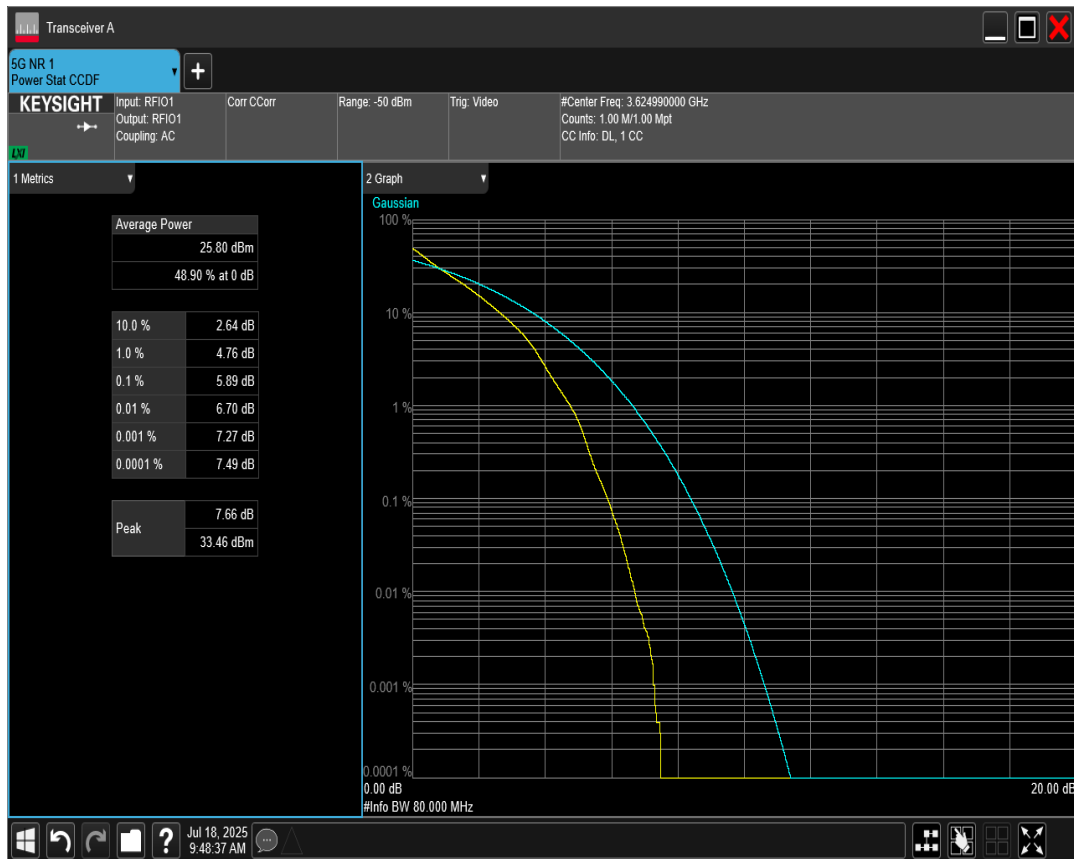
***n77(3550-3700) SCS=30kHz DFT\_QPSK BW=40MHz Channel=645332 RB=100@0***



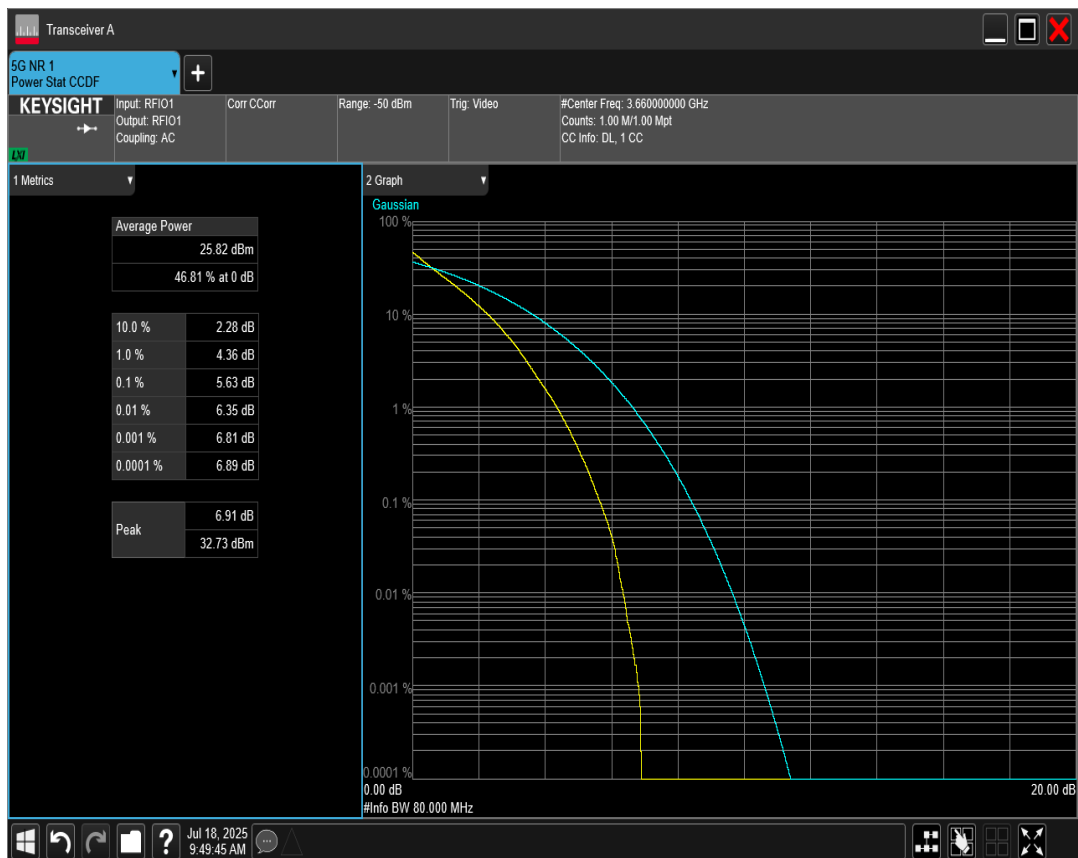
***n77(3550-3700) SCS=30kHz DFT\_QPSK BW=80MHz Channel=639334 RB=216@0***



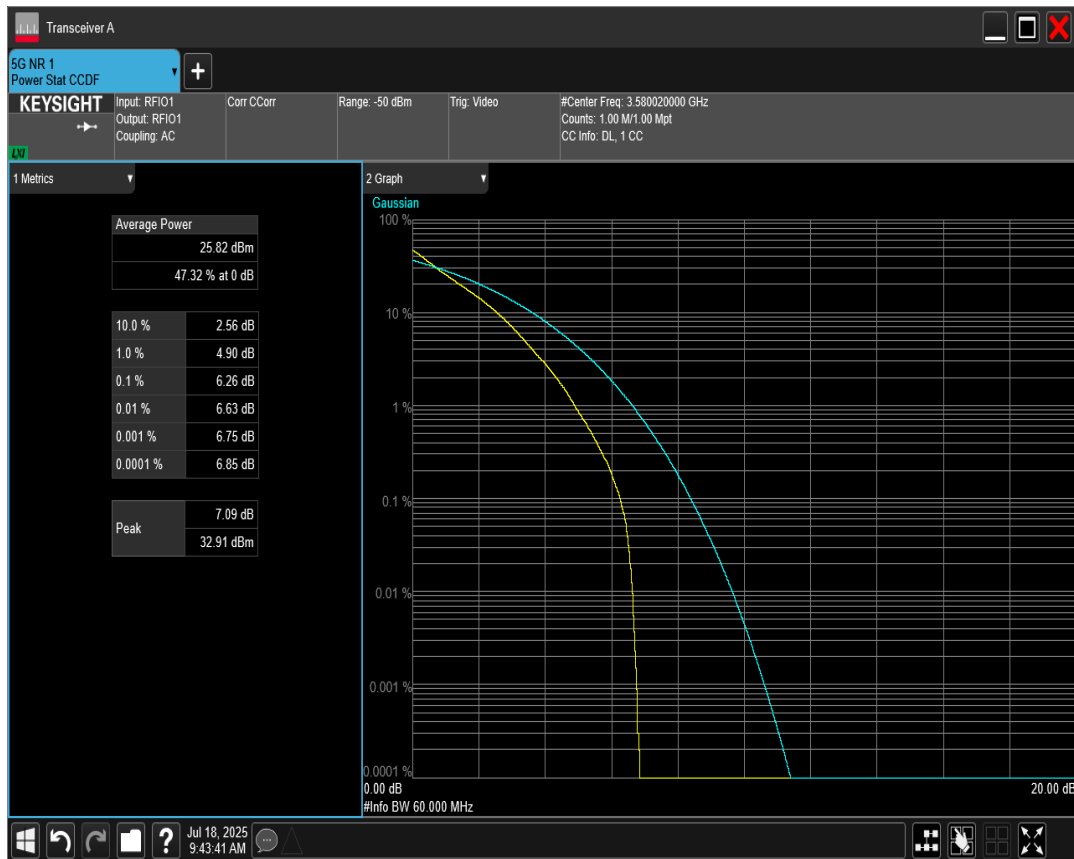
***n77(3550-3700) SCS=30kHz DFT\_QPSK BW=80MHz Channel=641666 RB=216@0***



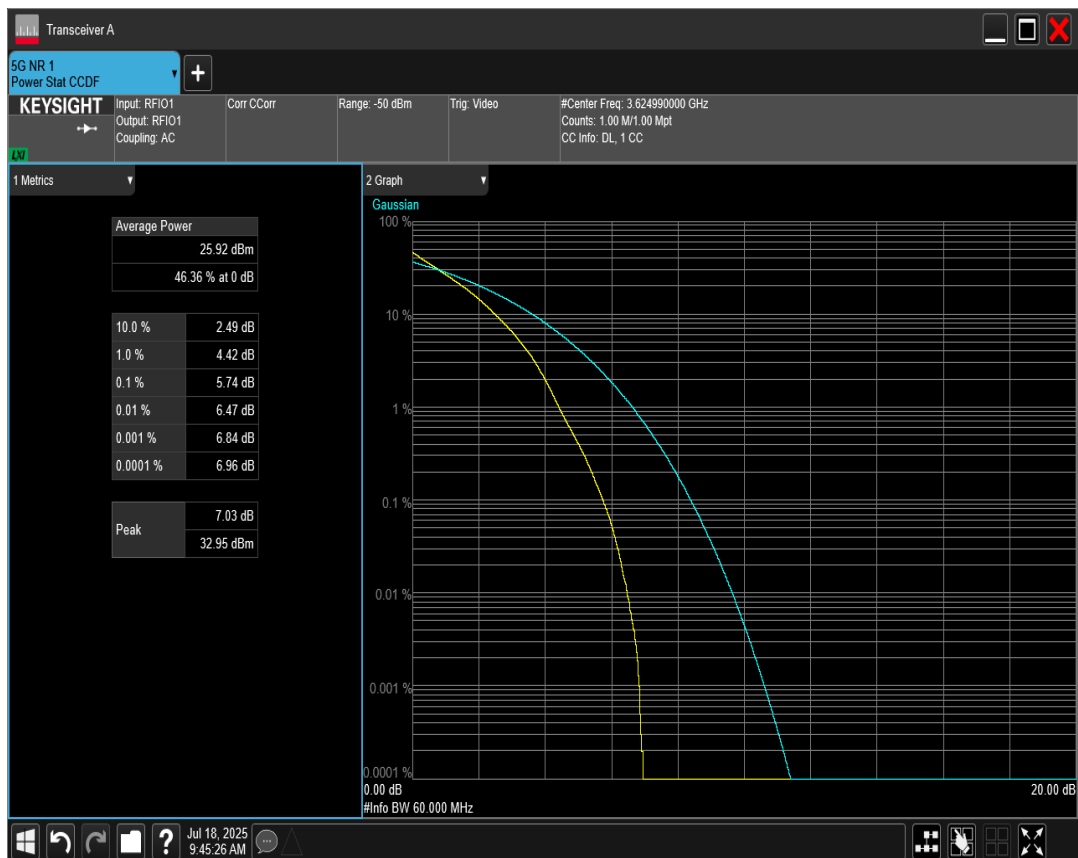
***n77(3550-3700) SCS=30kHz DFT\_QPSK BW=80MHz Channel=644000 RB=216@0***



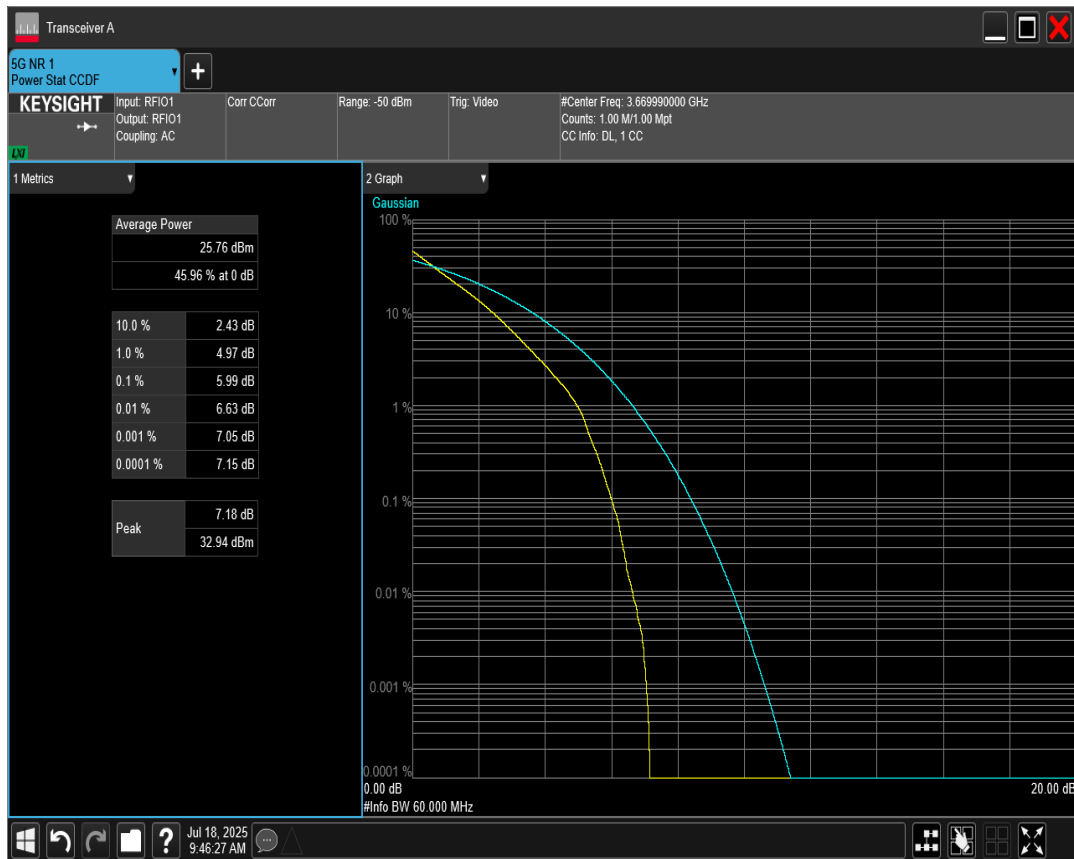
***n77(3550-3700) SCS=30kHz DFT\_QPSK BW=60MHz Channel=638668 RB=162@0***



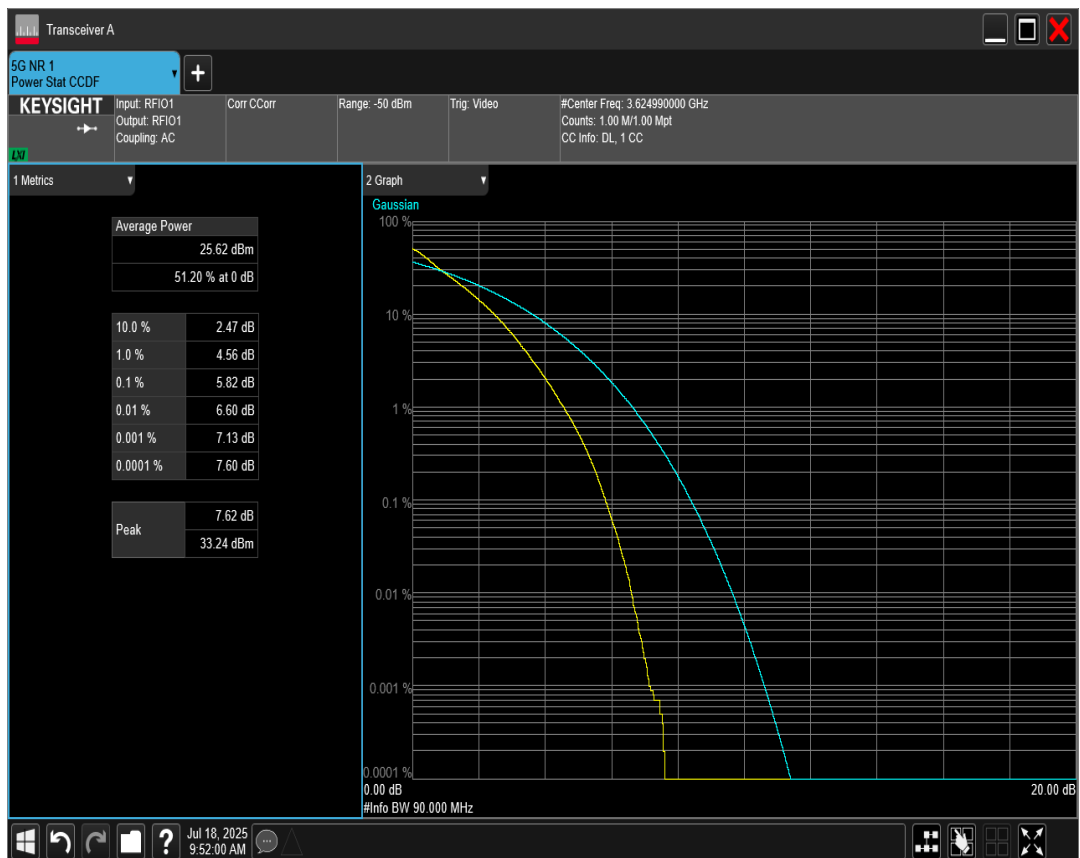
***n77(3550-3700) SCS=30kHz DFT\_QPSK BW=60MHz Channel=641666 RB=162@0***



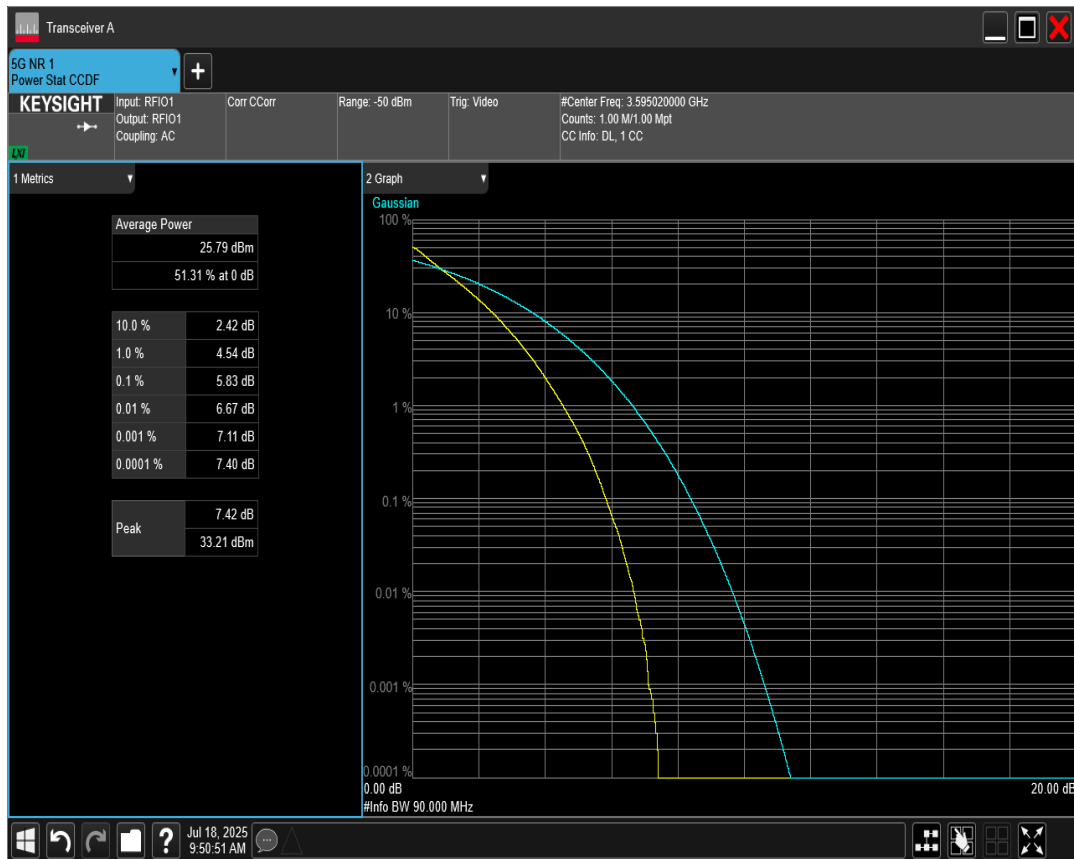
***n77(3550-3700) SCS=30kHz DFT\_QPSK BW=60MHz Channel=644666 RB=162@0***



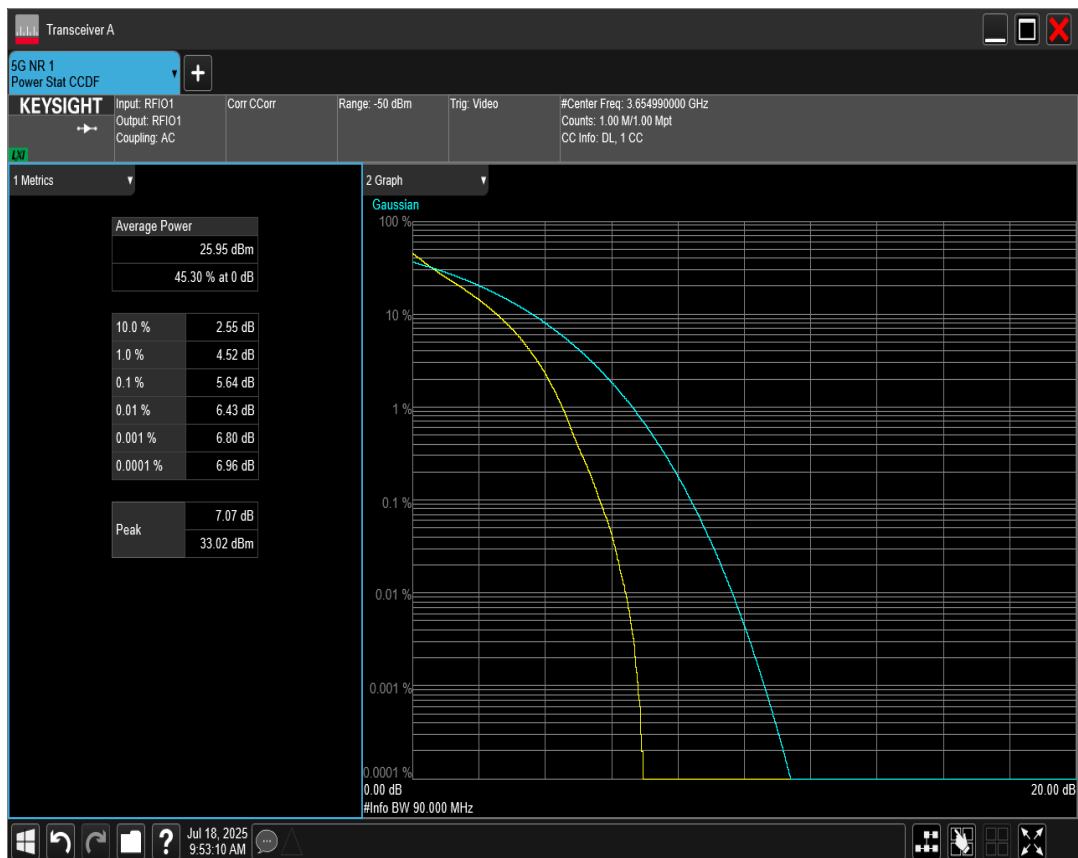
***n77(3550-3700) SCS=30kHz DFT\_QPSK BW=90MHz Channel=641666 RB=240@0***



***n77(3550-3700) SCS=30kHz DFT\_QPSK BW=90MHz Channel=639668 RB=240@0***



*n77(3550-3700) SCS=30kHz DFT\_QPSK BW=90MHz Channel=643666 RB=240@0*



## 4 Occupied bandwidth for NR FR1

| <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>99%<br/>OBW<br/>(MHz)</i> | <i>-26dB<br/>EBW<br/>(MHz)</i> | <i>Verdict</i> |
|----------------|----------------------|----------------------------|-----------------------|--------------------------|-------------------|------------------------------|--------------------------------|----------------|
| n77(3550-3700) | 30                   | 10                         | 641666                | 24@0                     | DFT_BPSK          | 8.560                        | 9.020                          | PASS           |
| n77(3550-3700) | 30                   | 10                         | 641666                | 24@0                     | DFT_QPSK          | 8.560                        | 9.100                          | PASS           |
| n77(3550-3700) | 30                   | 10                         | 641666                | 24@0                     | DFT_QAM16         | 8.580                        | 8.940                          | PASS           |
| n77(3550-3700) | 30                   | 10                         | 641666                | 24@0                     | DFT_QAM64         | 8.560                        | 8.970                          | PASS           |
| n77(3550-3700) | 30                   | 10                         | 641666                | 24@0                     | DFT_QAM256        | 8.580                        | 8.990                          | PASS           |
| n77(3550-3700) | 30                   | 15                         | 641666                | 36@0                     | DFT_BPSK          | 13.450                       | 13.240                         | PASS           |
| n77(3550-3700) | 30                   | 15                         | 641666                | 36@0                     | DFT_QPSK          | 13.540                       | 13.180                         | PASS           |
| n77(3550-3700) | 30                   | 15                         | 641666                | 36@0                     | DFT_QAM16         | 13.430                       | 13.260                         | PASS           |
| n77(3550-3700) | 30                   | 15                         | 641666                | 36@0                     | DFT_QAM64         | 13.380                       | 13.230                         | PASS           |
| n77(3550-3700) | 30                   | 15                         | 641666                | 36@0                     | DFT_QAM256        | 13.400                       | 13.310                         | PASS           |
| n77(3550-3700) | 30                   | 20                         | 641666                | 50@0                     | DFT_BPSK          | 18.050                       | 18.320                         | PASS           |
| n77(3550-3700) | 30                   | 20                         | 641666                | 50@0                     | DFT_QPSK          | 18.030                       | 18.250                         | PASS           |
| n77(3550-3700) | 30                   | 20                         | 641666                | 50@0                     | DFT_QAM16         | 18.050                       | 18.280                         | PASS           |
| n77(3550-3700) | 30                   | 20                         | 641666                | 50@0                     | DFT_QAM64         | 18.030                       | 18.240                         | PASS           |
| n77(3550-3700) | 30                   | 20                         | 641666                | 50@0                     | DFT_QAM256        | 17.980                       | 18.270                         | PASS           |
| n77(3550-3700) | 30                   | 40                         | 641666                | 100@0                    | DFT_BPSK          | 37.550                       | 36.300                         | PASS           |
| n77(3550-3700) | 30                   | 40                         | 641666                | 100@0                    | DFT_QPSK          | 37.550                       | 36.340                         | PASS           |
| n77(3550-3700) | 30                   | 40                         | 641666                | 100@0                    | DFT_QAM16         | 37.470                       | 36.300                         | PASS           |
| n77(3550-3700) | 30                   | 40                         | 641666                | 100@0                    | DFT_QAM64         | 37.450                       | 36.350                         | PASS           |
| n77(3550-3700) | 30                   | 40                         | 641666                | 100@0                    | DFT_QAM256        | 37.350                       | 36.240                         | PASS           |
| n77(3550-3700) | 30                   | 50                         | 641666                | 128@0                    | DFT_BPSK          | 47.030                       | 46.380                         | PASS           |
| n77(3550-3700) | 30                   | 50                         | 641666                | 128@0                    | DFT_QPSK          | 47.070                       | 46.460                         | PASS           |
| n77(3550-3700) | 30                   | 50                         | 641666                | 128@0                    | DFT_QAM16         | 46.880                       | 46.330                         | PASS           |
| n77(3550-3700) | 30                   | 50                         | 641666                | 128@0                    | DFT_QAM64         | 47.020                       | 46.340                         | PASS           |
| n77(3550-3700) | 30                   | 50                         | 641666                | 128@0                    | DFT_QAM256        | 47.020                       | 46.350                         | PASS           |
| n77(3550-3700) | 30                   | 60                         | 641666                | 162@0                    | DFT_BPSK          | 57.700                       | 58.610                         | PASS           |
| n77(3550-3700) | 30                   | 60                         | 641666                | 162@0                    | DFT_QPSK          | 57.610                       | 58.600                         | PASS           |
| n77(3550-3700) | 30                   | 60                         | 641666                | 162@0                    | DFT_QAM16         | 57.630                       | 58.580                         | PASS           |
| n77(3550-3700) | 30                   | 60                         | 641666                | 162@0                    | DFT_QAM64         | 57.700                       | 58.650                         | PASS           |
| n77(3550-3700) | 30                   | 60                         | 641666                | 162@0                    | DFT_QAM256        | 57.520                       | 58.530                         | PASS           |
| n77(3550-3700) | 30                   | 80                         | 641666                | 216@0                    | DFT_BPSK          | 77.010                       | 78.210                         | PASS           |
| n77(3550-3700) | 30                   | 80                         | 641666                | 216@0                    | DFT_QPSK          | 76.940                       | 78.150                         | PASS           |
| n77(3550-3700) | 30                   | 80                         | 641666                | 216@0                    | DFT_QAM16         | 76.950                       | 78.020                         | PASS           |
| n77(3550-3700) | 30                   | 80                         | 641666                | 216@0                    | DFT_QAM64         | 76.940                       | 77.990                         | PASS           |
| n77(3550-3700) | 30                   | 80                         | 641666                | 216@0                    | DFT_QAM256        | 77.030                       | 78.070                         | PASS           |
| n77(3550-3700) | 30                   | 90                         | 641666                | 240@0                    | DFT_BPSK          | 86.550                       | 86.710                         | PASS           |
| n77(3550-3700) | 30                   | 90                         | 641666                | 240@0                    | DFT_QPSK          | 86.410                       | 86.660                         | PASS           |
| n77(3550-3700) | 30                   | 90                         | 641666                | 240@0                    | DFT_QAM16         | 86.420                       | 86.640                         | PASS           |
| n77(3550-3700) | 30                   | 90                         | 641666                | 240@0                    | DFT_QAM64         | 86.420                       | 86.660                         | PASS           |

|                |    |     |        |       |            |        |        |      |
|----------------|----|-----|--------|-------|------------|--------|--------|------|
| n77(3550-3700) | 30 | 90  | 641666 | 240@0 | DFT_QAM256 | 86.550 | 86.680 | PASS |
| n77(3550-3700) | 30 | 100 | 641666 | 270@0 | DFT_BPSK   | 96.320 | 97.540 | PASS |
| n77(3550-3700) | 30 | 100 | 641666 | 270@0 | DFT_QPSK   | 96.330 | 97.660 | PASS |
| n77(3550-3700) | 30 | 100 | 641666 | 270@0 | DFT_QAM16  | 96.320 | 97.570 | PASS |
| n77(3550-3700) | 30 | 100 | 641666 | 270@0 | DFT_QAM64  | 96.270 | 97.590 | PASS |
| n77(3550-3700) | 30 | 100 | 641666 | 270@0 | DFT_QAM256 | 96.810 | 97.510 | PASS |

**n77(3550-3700) SCS=30kHz DFT\_BPSK BW=100MHz Channel=641666 RB=270@0**



**n77(3550-3700) SCS=30kHz DFT\_BPSK BW=15MHz Channel=641666 RB=36@0**



***n77(3550-3700) SCS=30kHz DFT\_BPSK BW=10MHz Channel=641666 RB=24@0***



***n77(3550-3700) SCS=30kHz DFT\_BPSK BW=50MHz Channel=641666 RB=128@0***



***n77(3550-3700) SCS=30kHz DFT\_BPSK BW=40MHz Channel=641666 RB=100@0***



***n77(3550-3700) SCS=30kHz DFT\_BPSK BW=20MHz Channel=641666 RB=50@0***



***n77(3550-3700) SCS=30kHz DFT\_BPSK BW=90MHz Channel=641666 RB=240@0***



***n77(3550-3700) SCS=30kHz DFT\_BPSK BW=80MHz Channel=641666 RB=216@0***



***n77(3550-3700) SCS=30kHz DFT\_BPSK BW=60MHz Channel=641666 RB=162@0***



***n77(3550-3700) SCS=30kHz DFT\_QAM16 BW=10MHz Channel=641666 RB=24@0***



***n77(3550-3700) SCS=30kHz DFT\_QAM16 BW=100MHz Channel=641666 RB=270@0***



***n77(3550-3700) SCS=30kHz DFT\_QAM16 BW=20MHz Channel=641666 RB=50@0***



***n77(3550-3700) SCS=30kHz DFT\_QAM16 BW=15MHz Channel=641666 RB=36@0***



***n77(3550-3700) SCS=30kHz DFT\_QAM16 BW=60MHz Channel=641666 RB=162@0***



***n77(3550-3700) SCS=30kHz DFT\_QAM16 BW=50MHz Channel=641666 RB=128@0***



***n77(3550-3700) SCS=30kHz DFT\_QAM16 BW=40MHz Channel=641666 RB=100@0***



***n77(3550-3700) SCS=30kHz DFT\_QAM256 BW=100MHz Channel=641666 RB=270@0***



***n77(3550-3700) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=641666 RB=240@0***



***n77(3550-3700) SCS=30kHz DFT\_QAM16 BW=80MHz Channel=641666 RB=216@0***



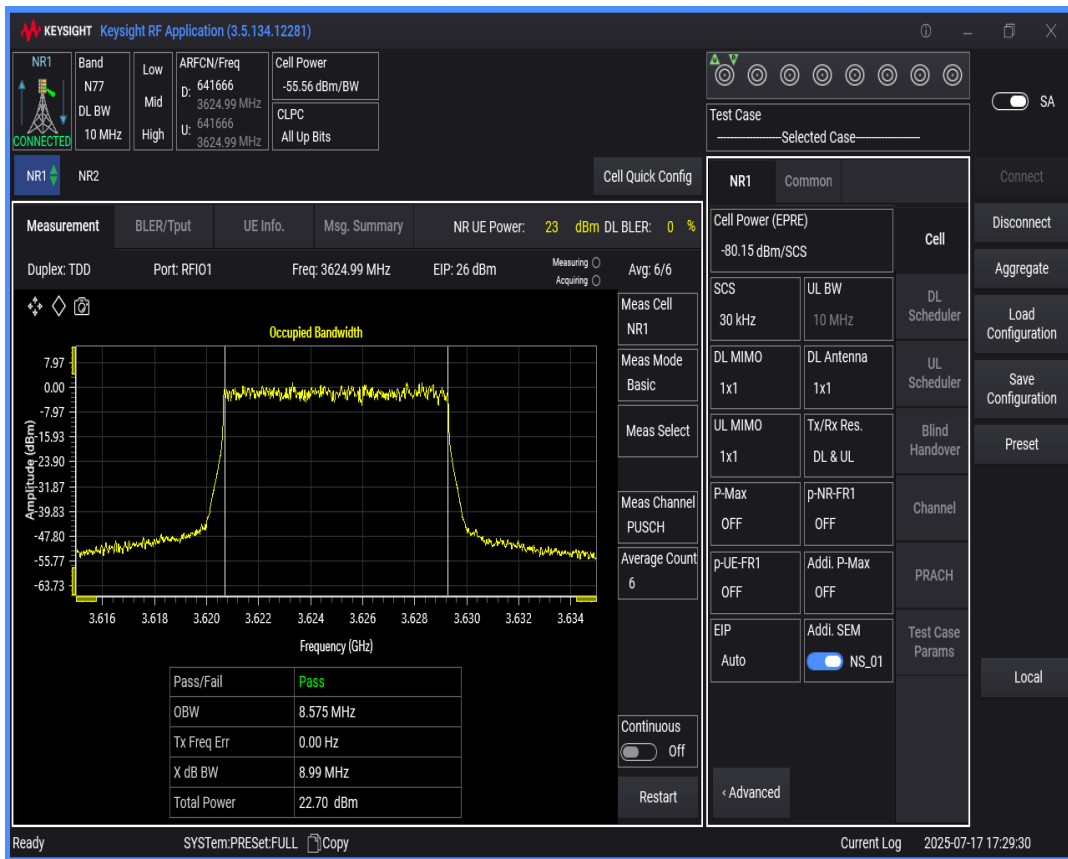
***n77(3550-3700) SCS=30kHz DFT\_QAM256 BW=20MHz Channel=641666 RB=50@0***



***n77(3550-3700) SCS=30kHz DFT\_QAM256 BW=40MHz Channel=641666 RB=100@0***



***n77(3550-3700) SCS=30kHz DFT\_QAM256 BW=10MHz Channel=641666 RB=24@0***



***n77(3550-3700) SCS=30kHz DFT\_QAM256 BW=15MHz Channel=641666 RB=36@0***



***n77(3550-3700) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=641666 RB=240@0***



***n77(3550-3700) SCS=30kHz DFT\_QAM64 BW=100MHz Channel=641666 RB=270@0***



***n77(3550-3700) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=641666 RB=216@0***



***n77(3550-3700) SCS=30kHz DFT\_QAM256 BW=50MHz Channel=641666 RB=128@0***



***n77(3550-3700) SCS=30kHz DFT\_QAM256 BW=60MHz Channel=641666 RB=162@0***



**n77(3550-3700) SCS=30kHz DFT\_QAM64 BW=20MHz Channel=641666 RB=50@0**



**n77(3550-3700) SCS=30kHz DFT\_QAM64 BW=15MHz Channel=641666 RB=36@0**



***n77(3550-3700) SCS=30kHz DFT\_QAM64 BW=10MHz Channel=641666 RB=24@0***



***n77(3550-3700) SCS=30kHz DFT\_QAM64 BW=50MHz Channel=641666 RB=128@0***



***n77(3550-3700) SCS=30kHz DFT\_QAM64 BW=40MHz Channel=641666 RB=100@0***



***n77(3550-3700) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=641666 RB=162@0***



***n77(3550-3700) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=641666 RB=216@0***



***n77(3550-3700) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=641666 RB=240@0***