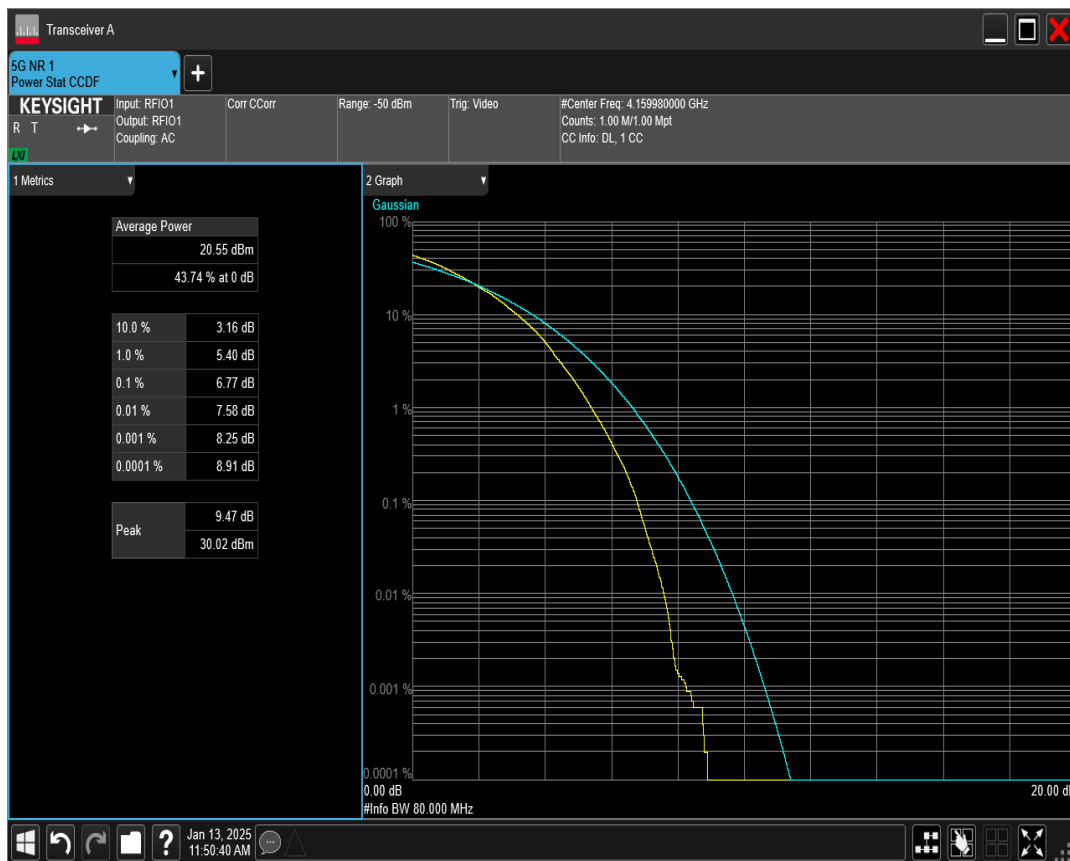
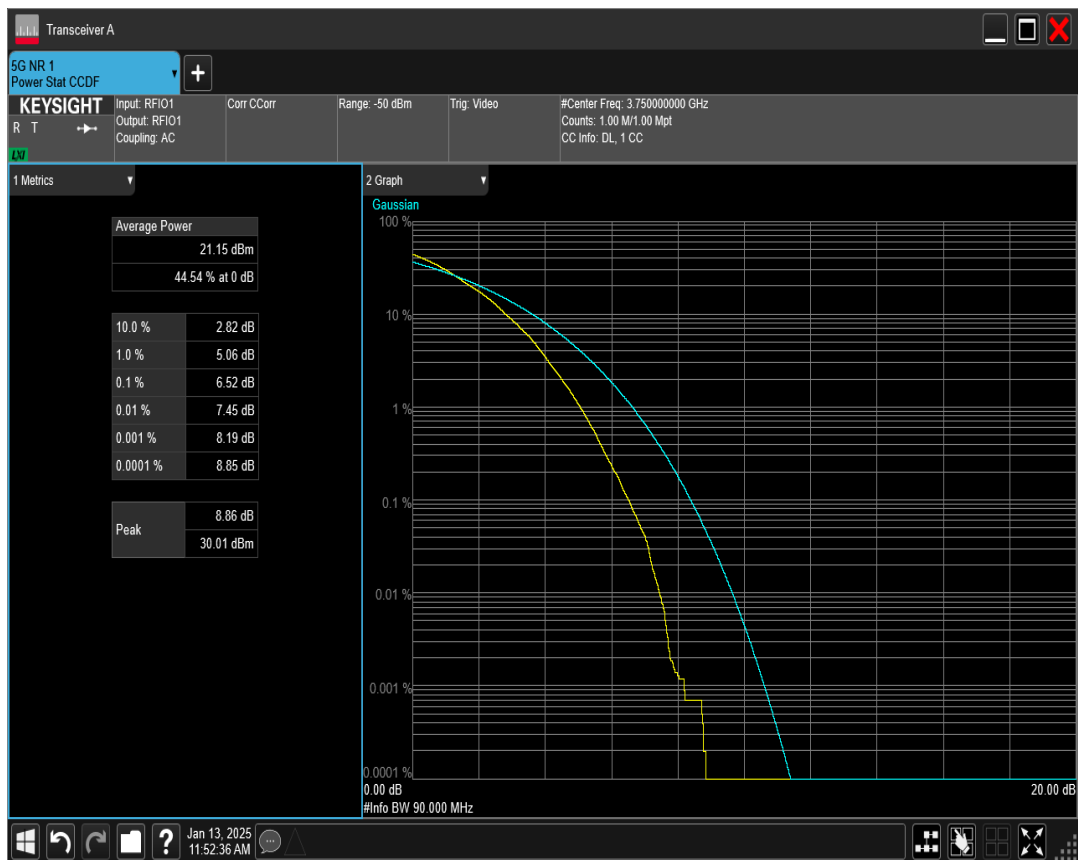
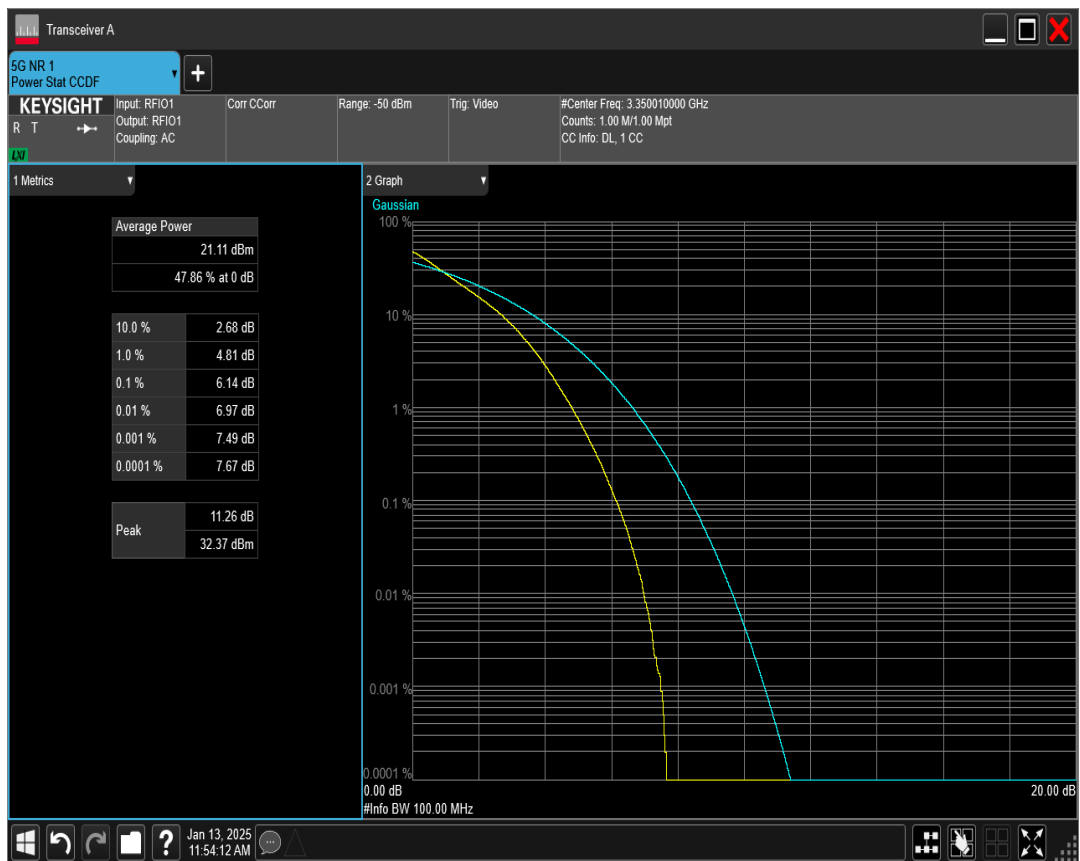




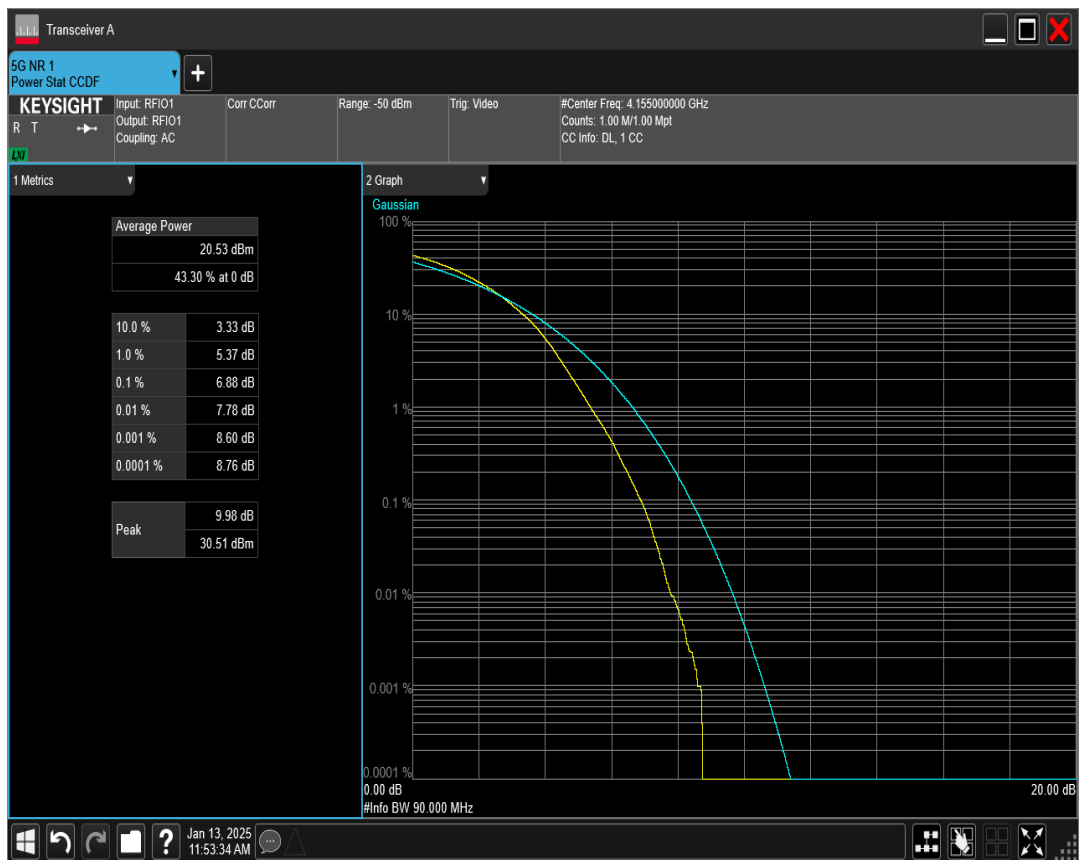
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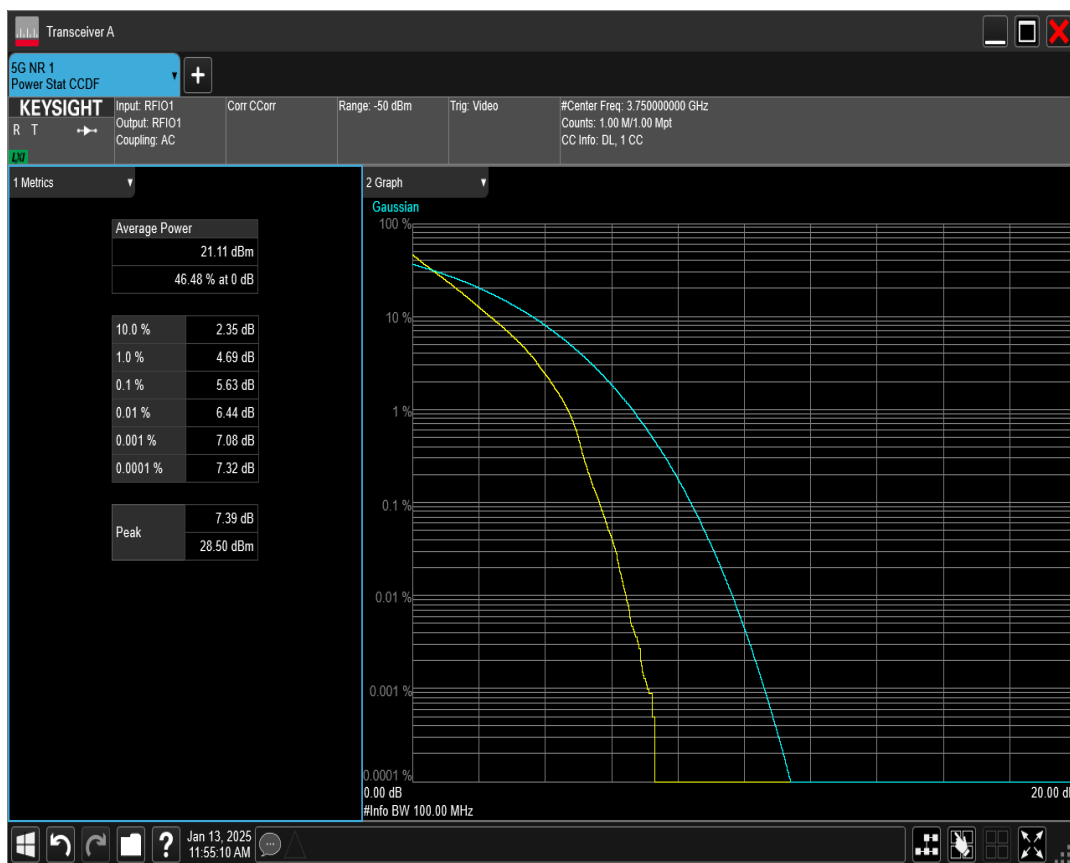
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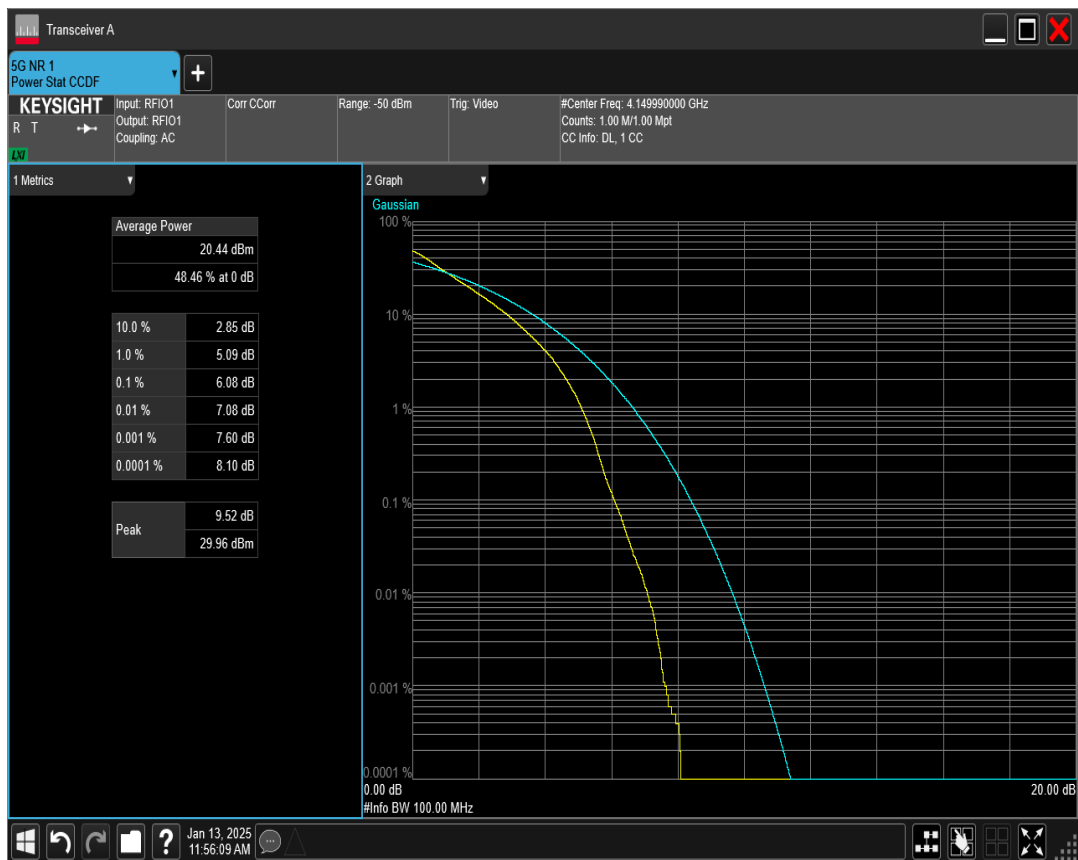
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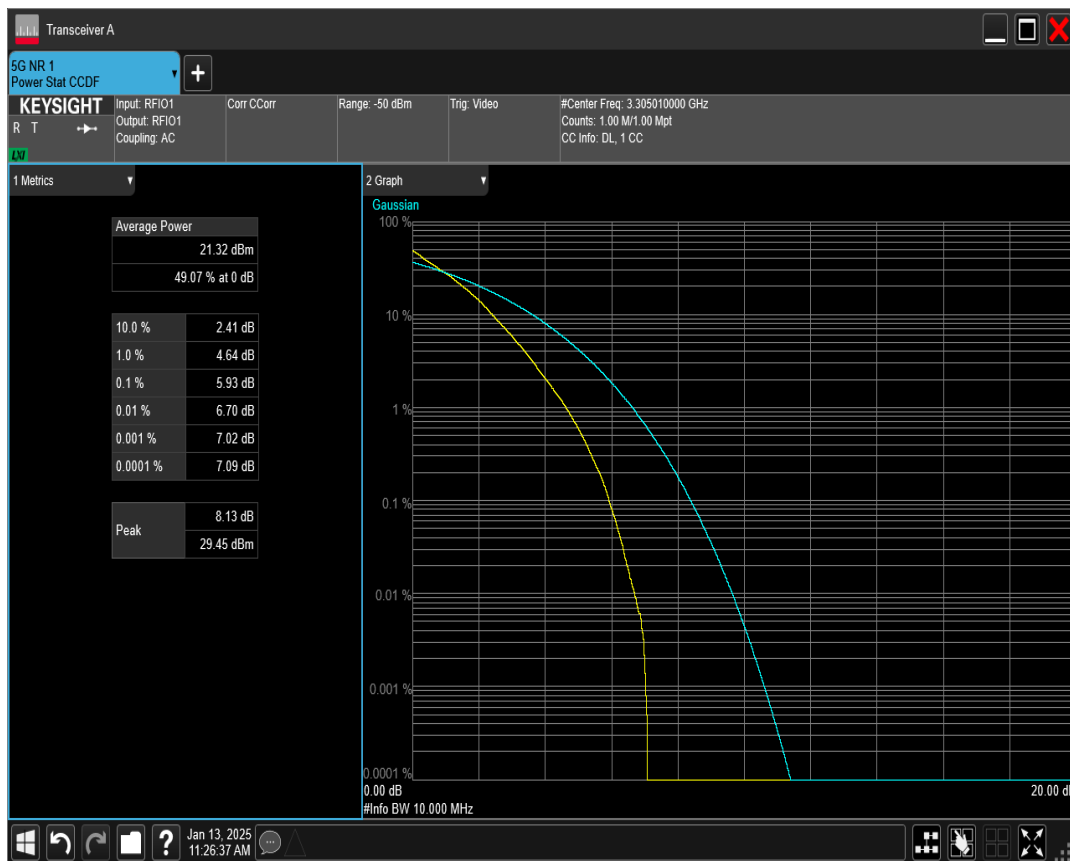
*n77 SCS=30kHz DFT\_QPSK BW=100MHz Channel=650000 RB=270@0*



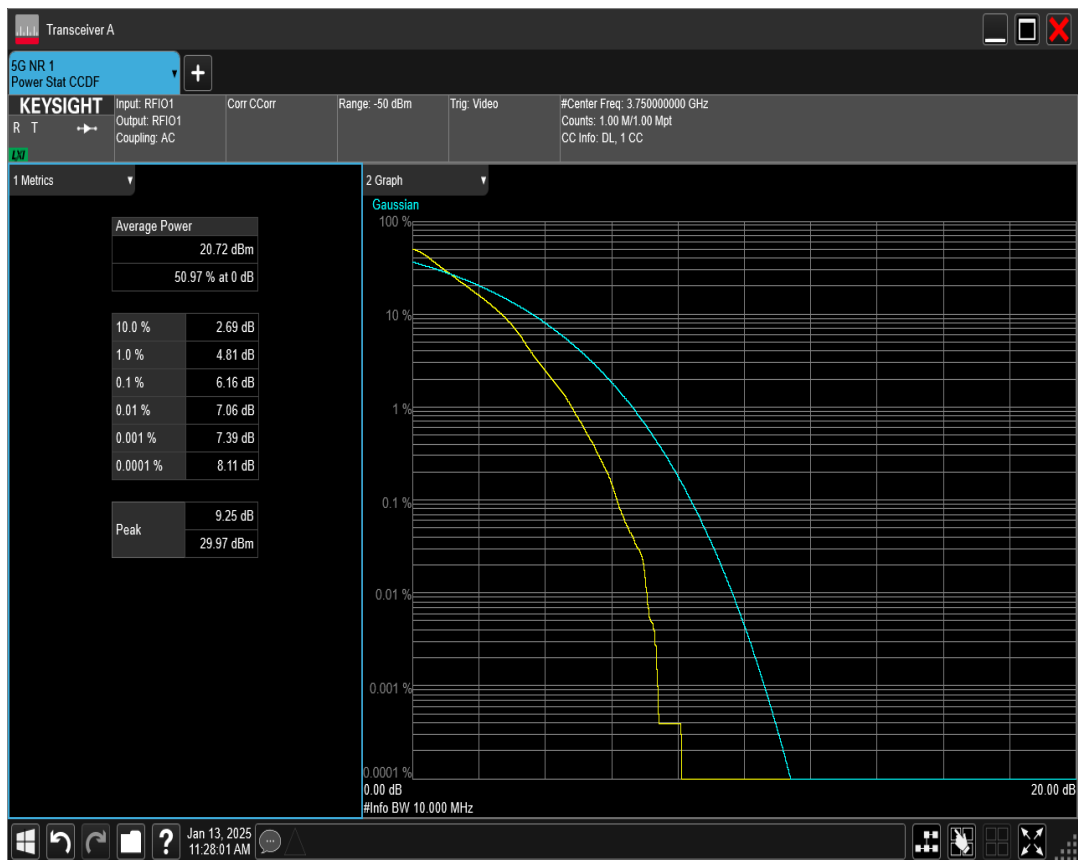
***n77 SCS=30kHz DFT\_QPSK BW=100MHz Channel=676666 RB=270@0***



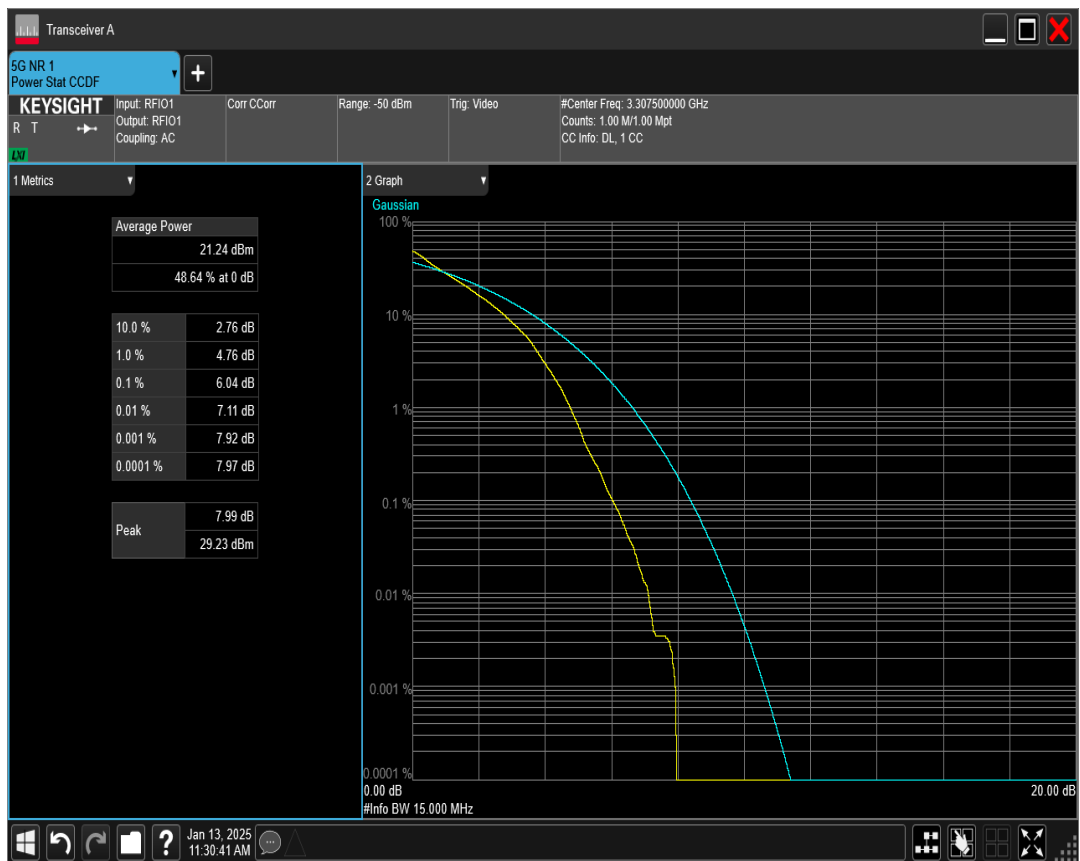
***n77 SCS=30kHz DFT\_QPSK BW=10MHz Channel=620334 RB=24@0***



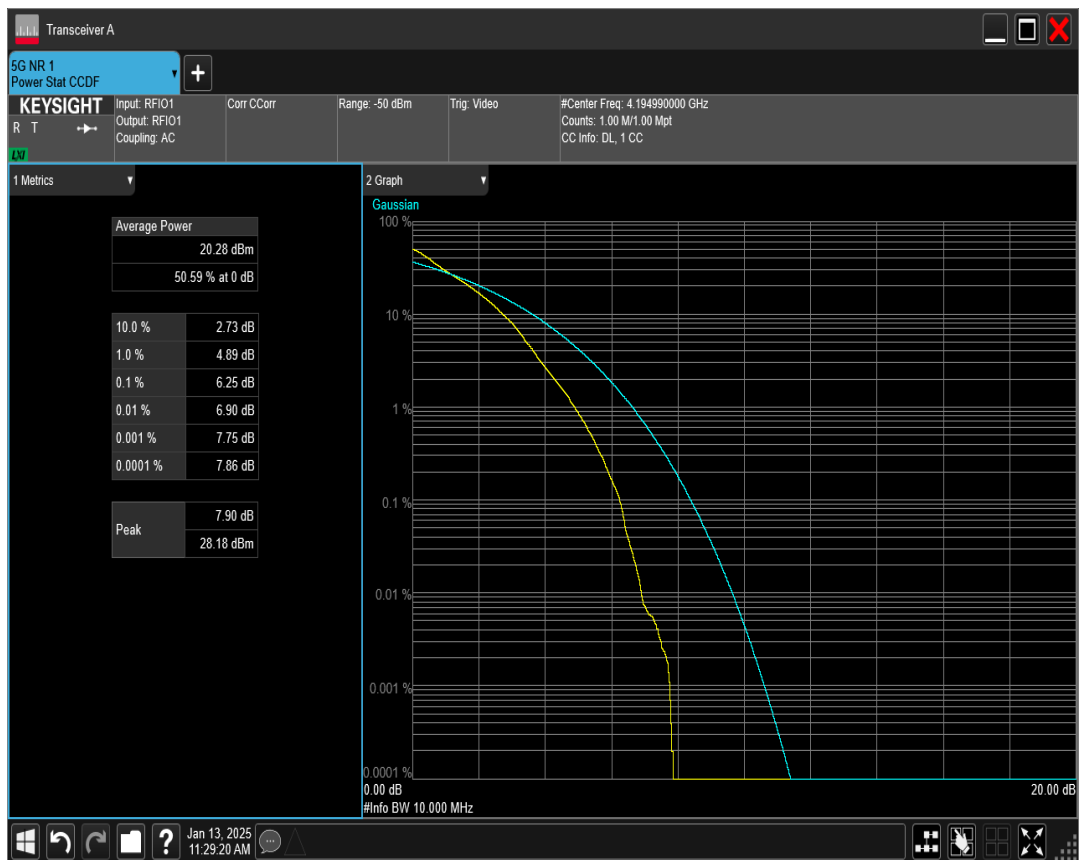
***n77 SCS=30kHz DFT\_QPSK BW=10MHz Channel=650000 RB=24@0***



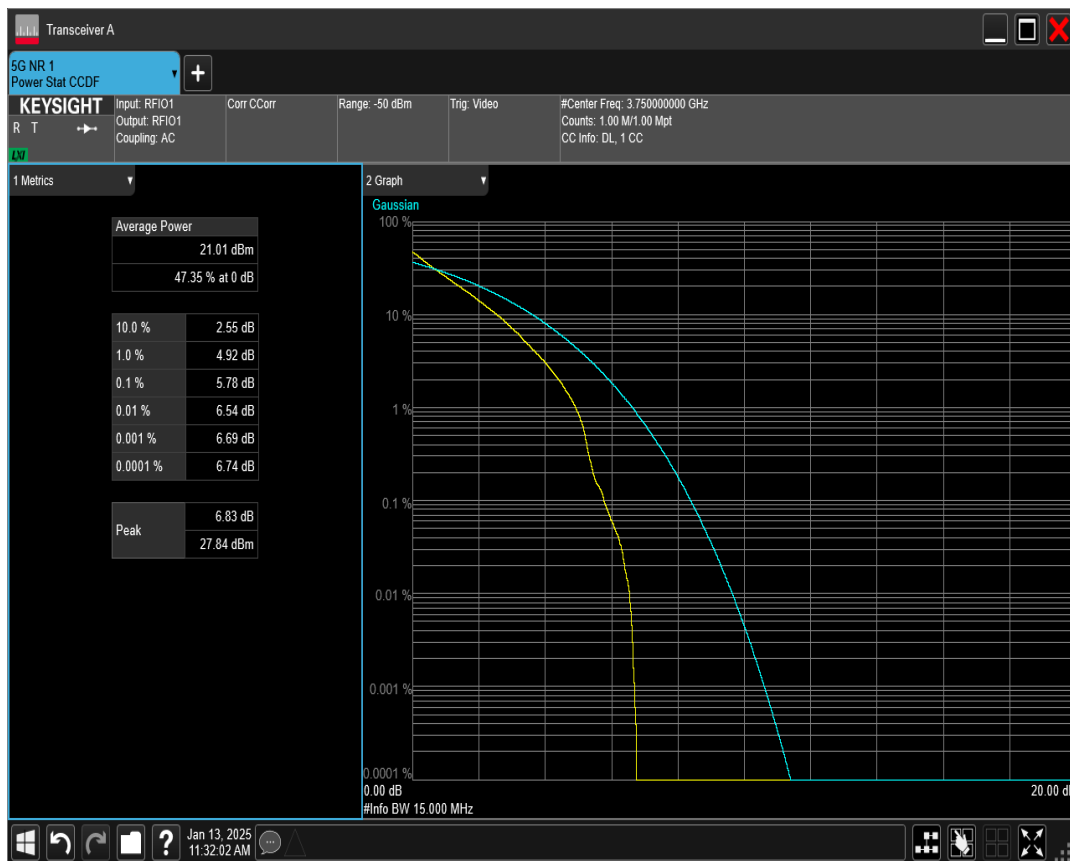
***n77 SCS=30kHz DFT\_QPSK BW=15MHz Channel=620500 RB=36@0***



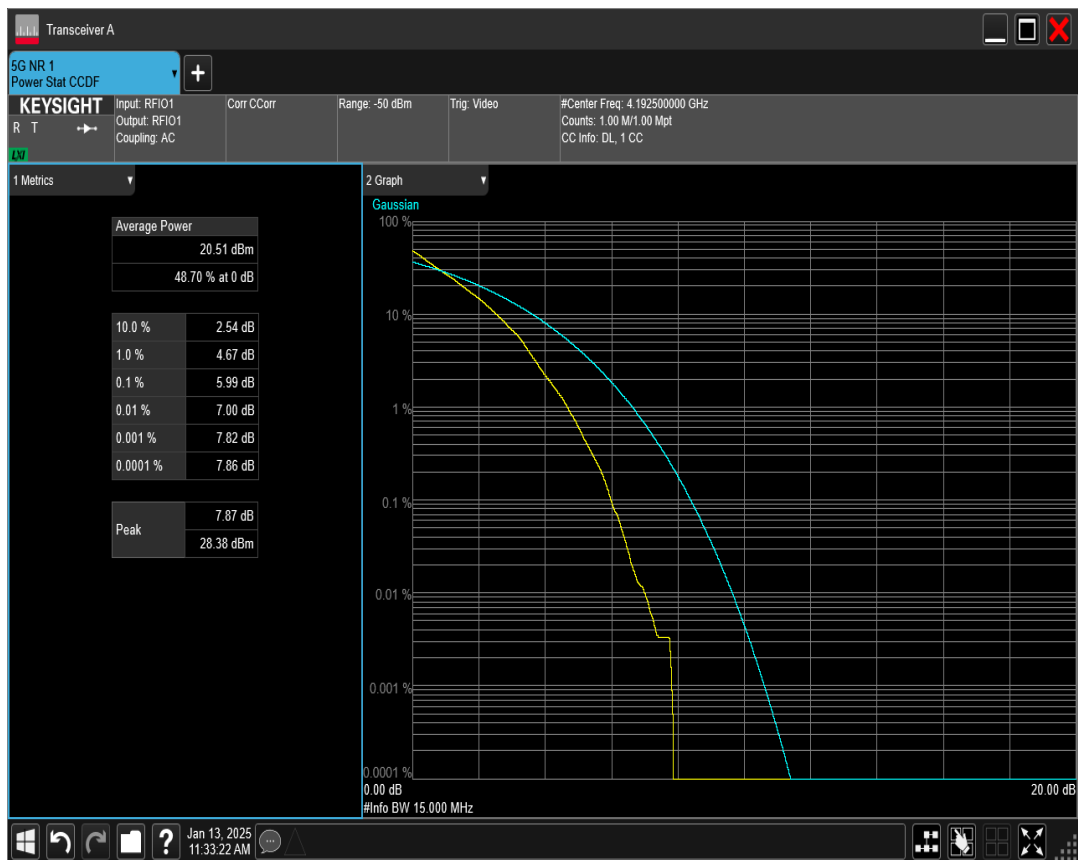
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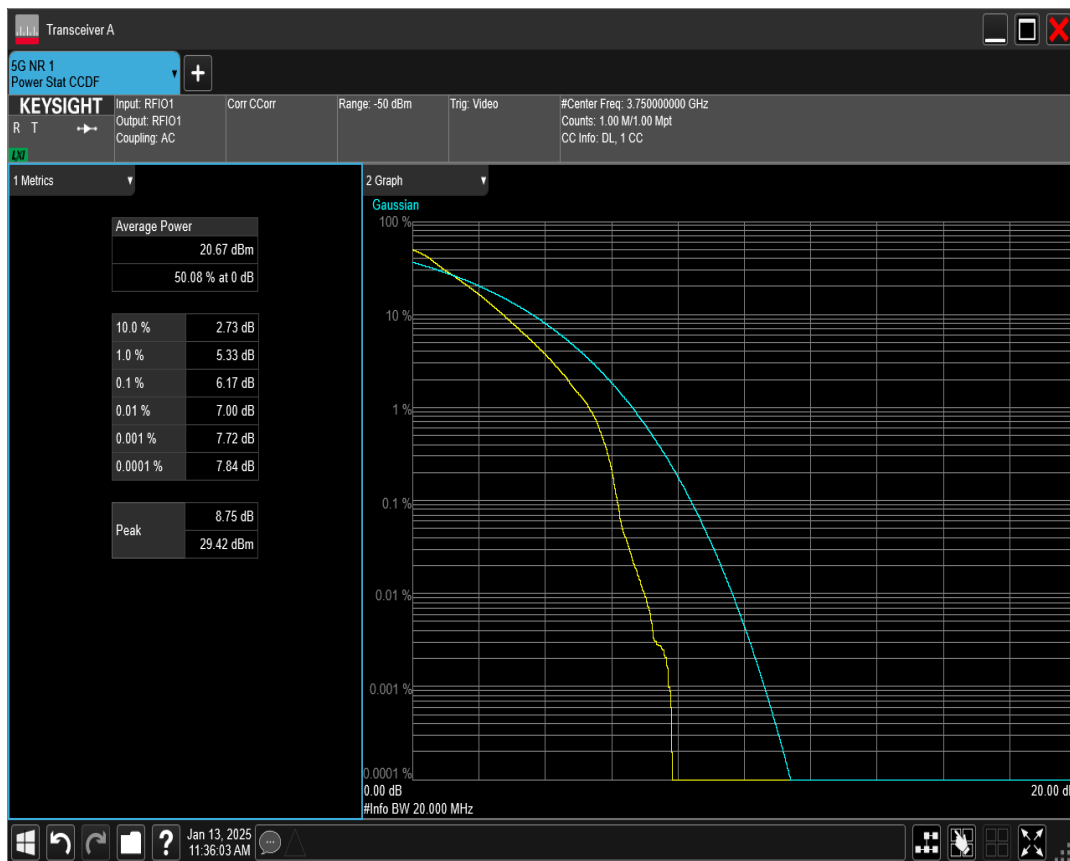
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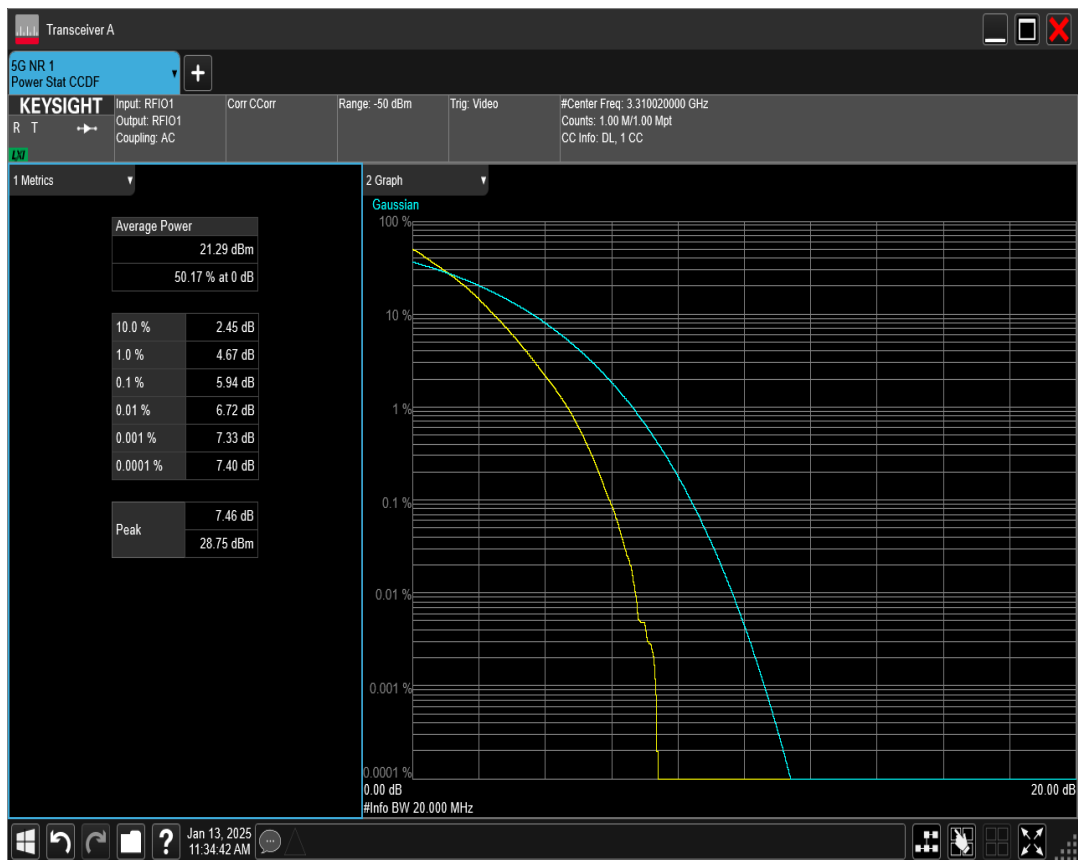
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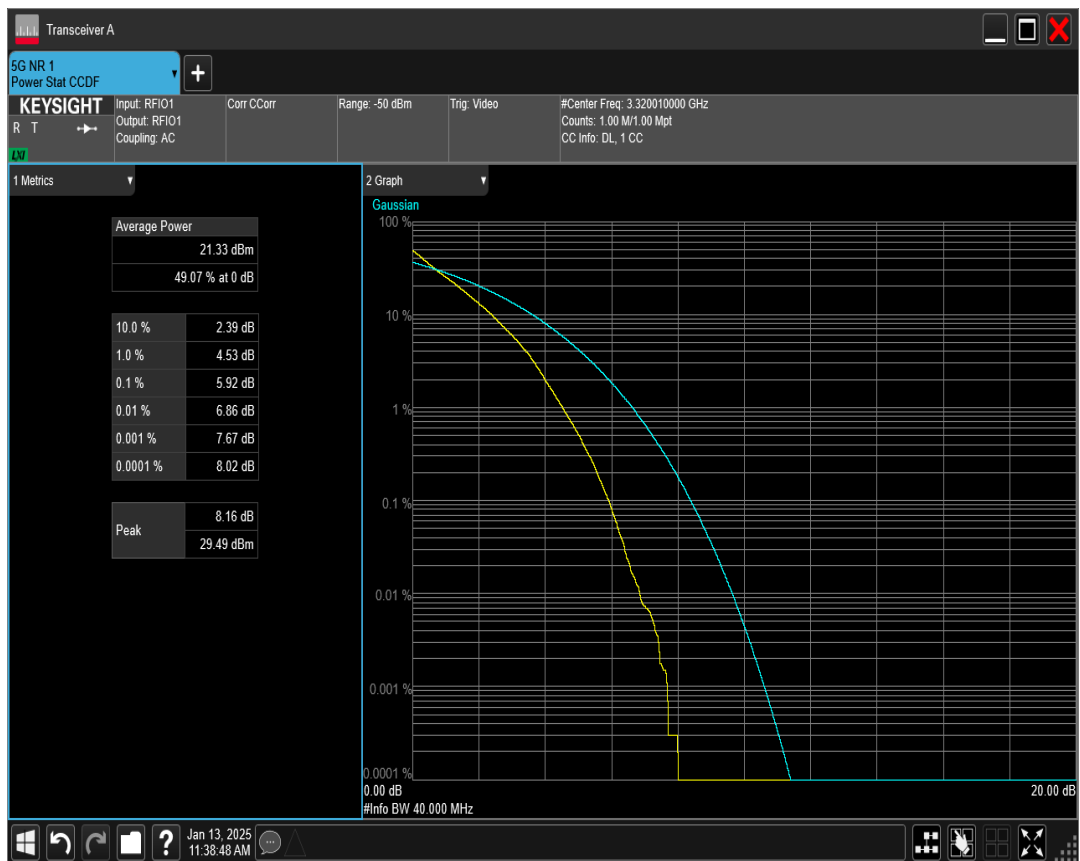
***n77 SCS=30kHz DFT\_QPSK BW=20MHz Channel=650000 RB=50@0***



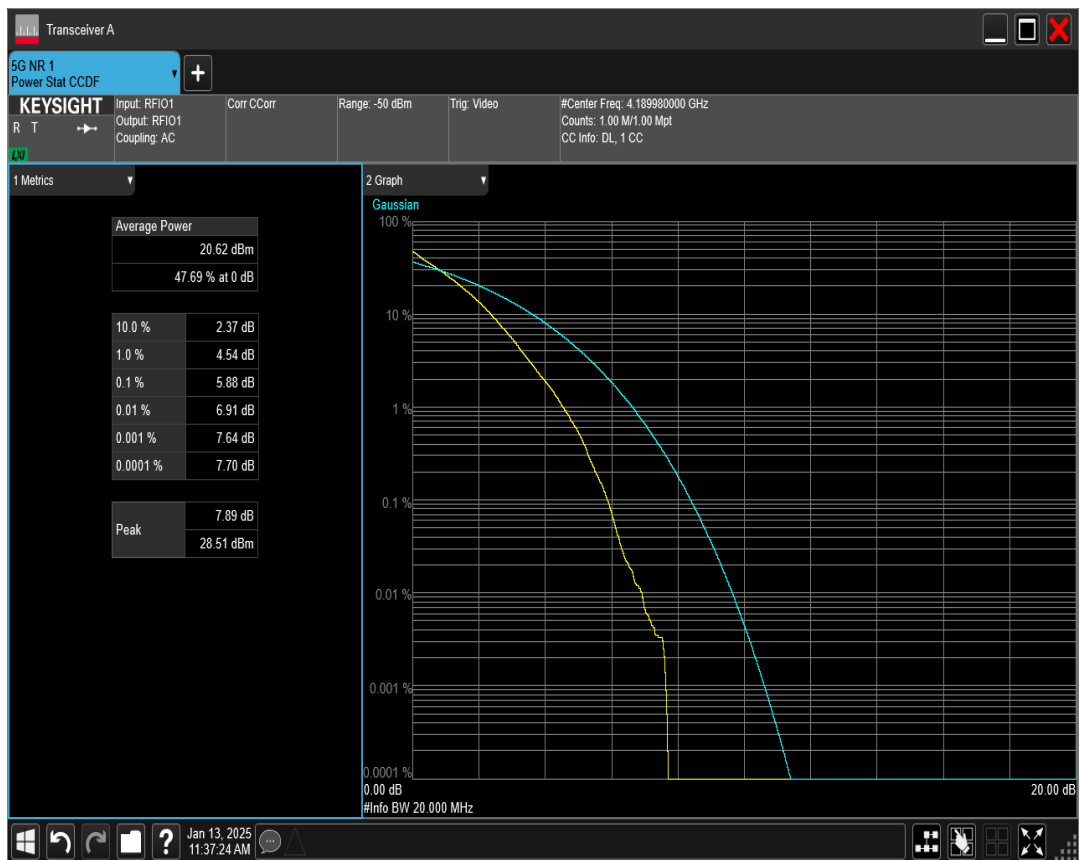
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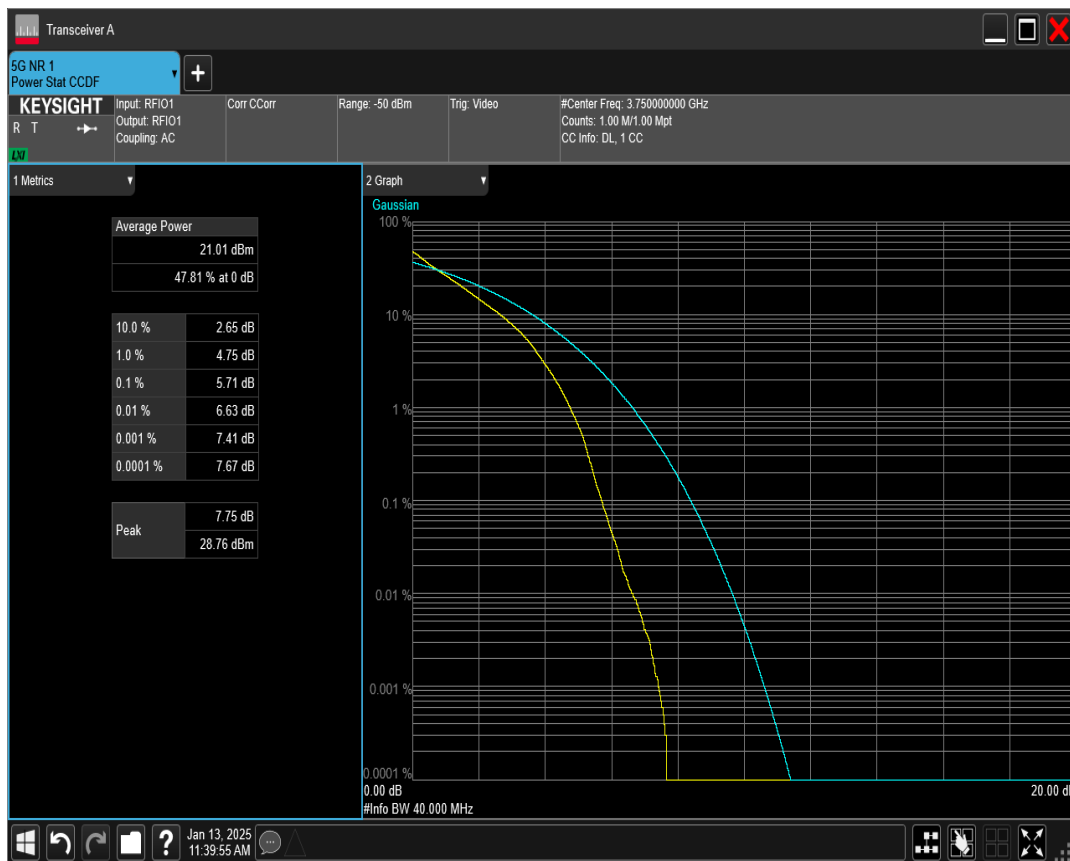
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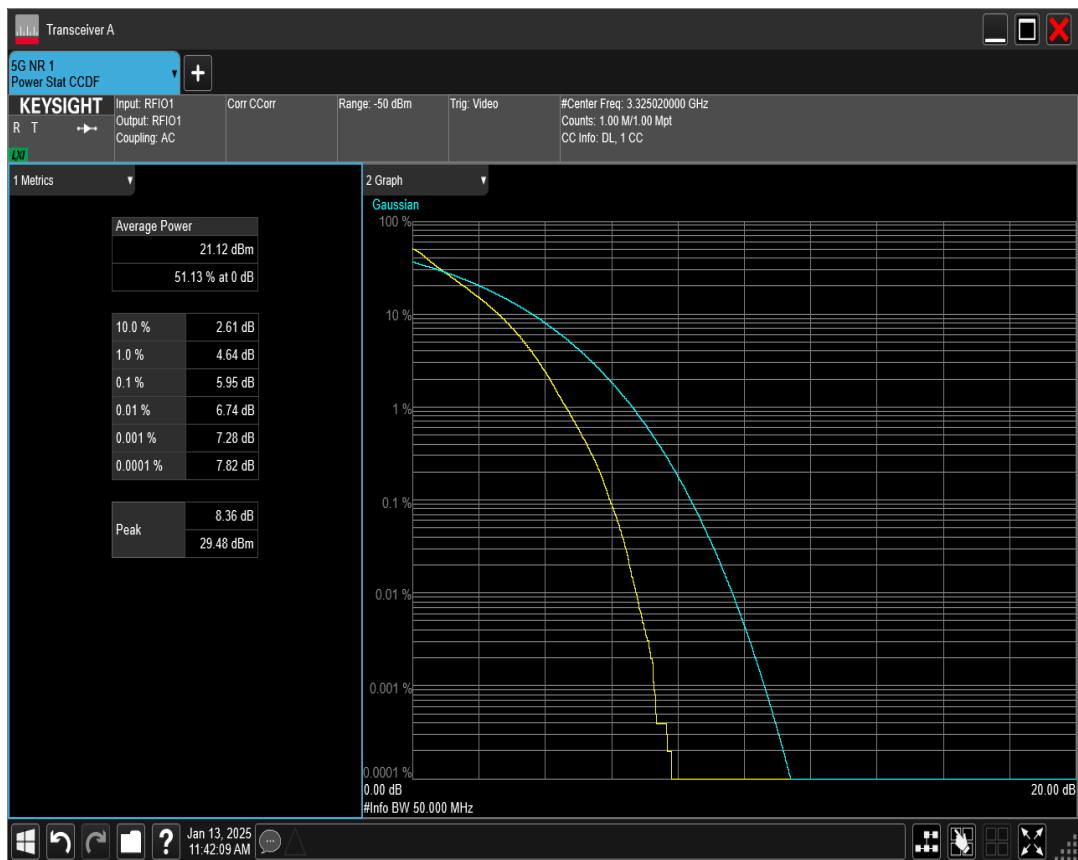
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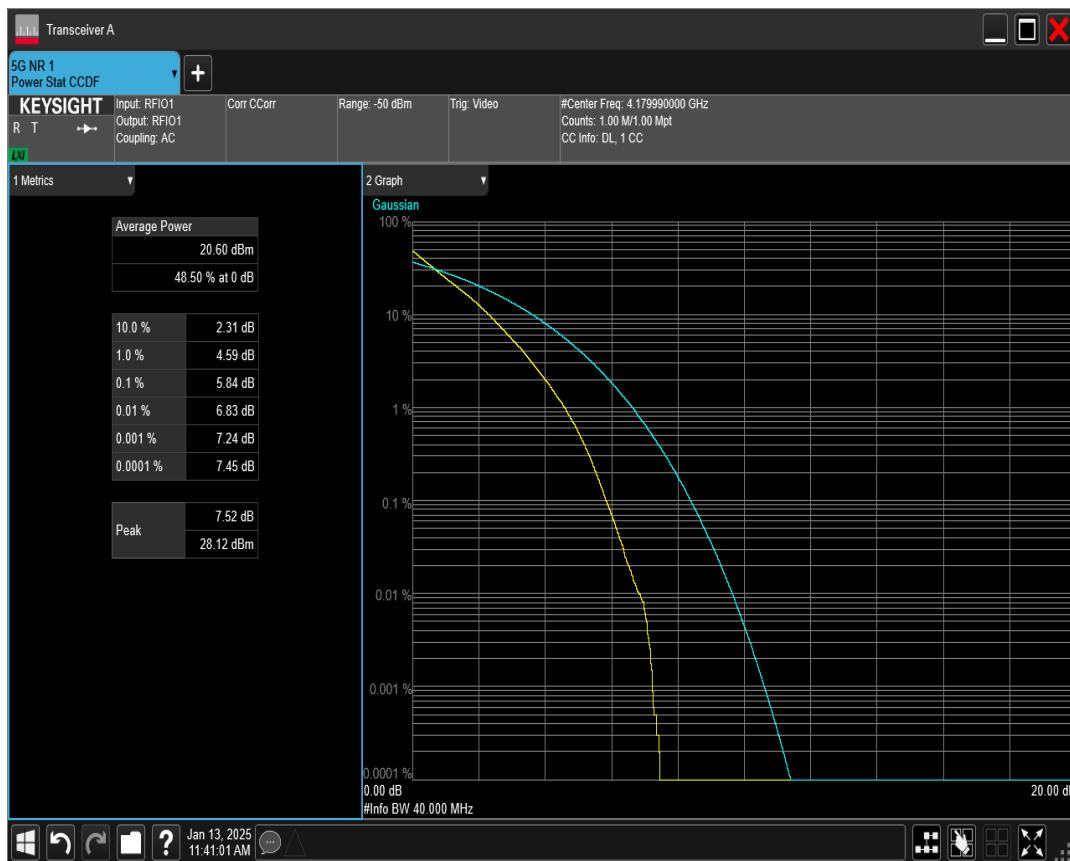
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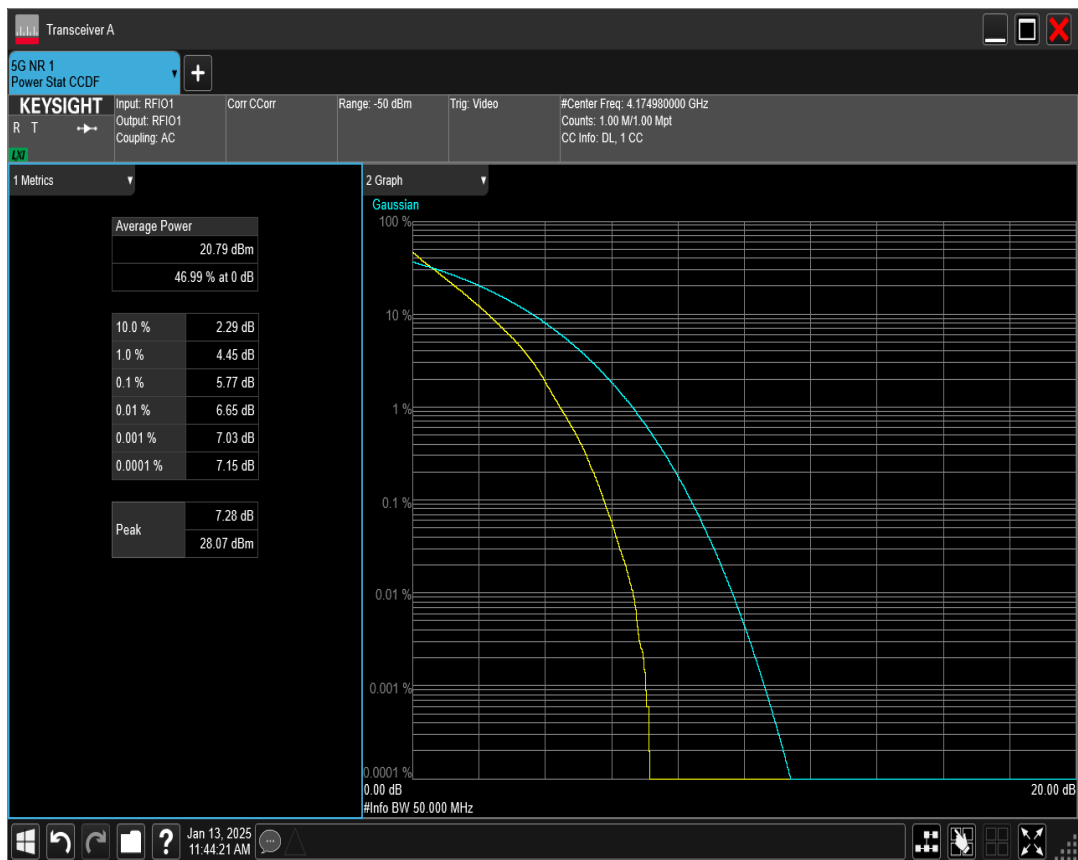
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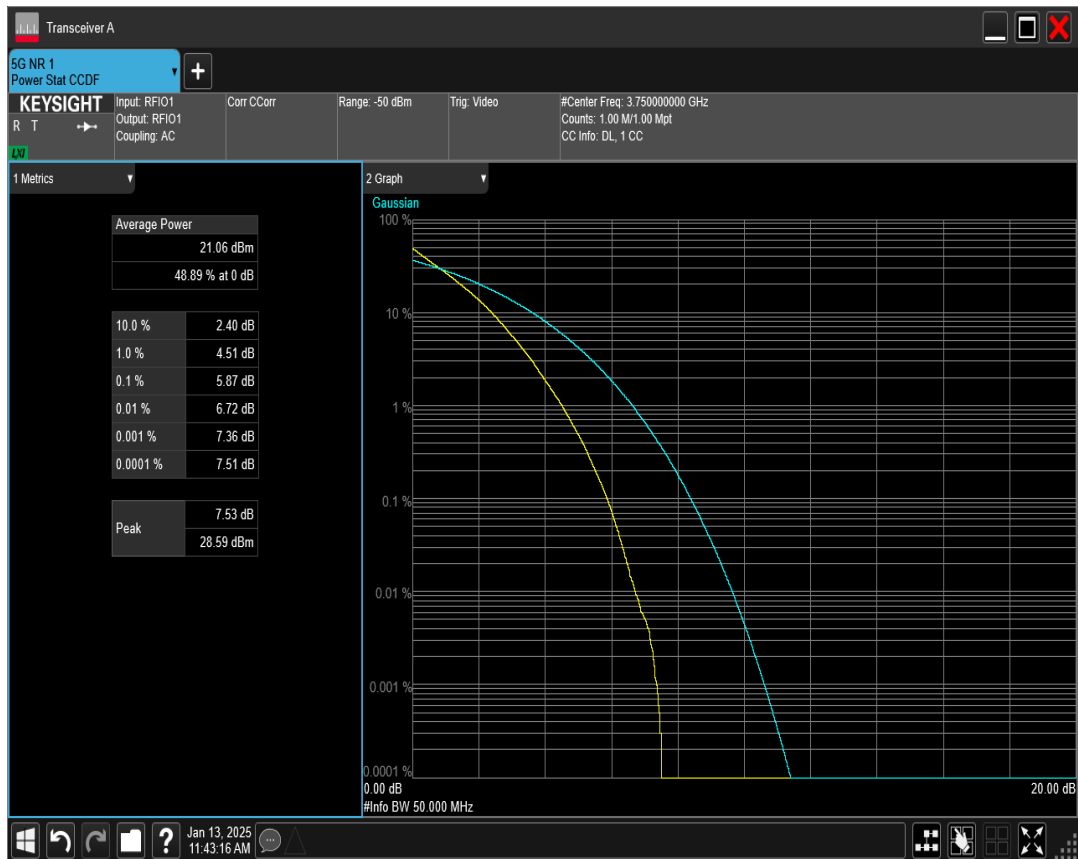
*n77 SCS=30kHz DFT\_QPSK BW=40MHz Channel=678666 RB=100@0*



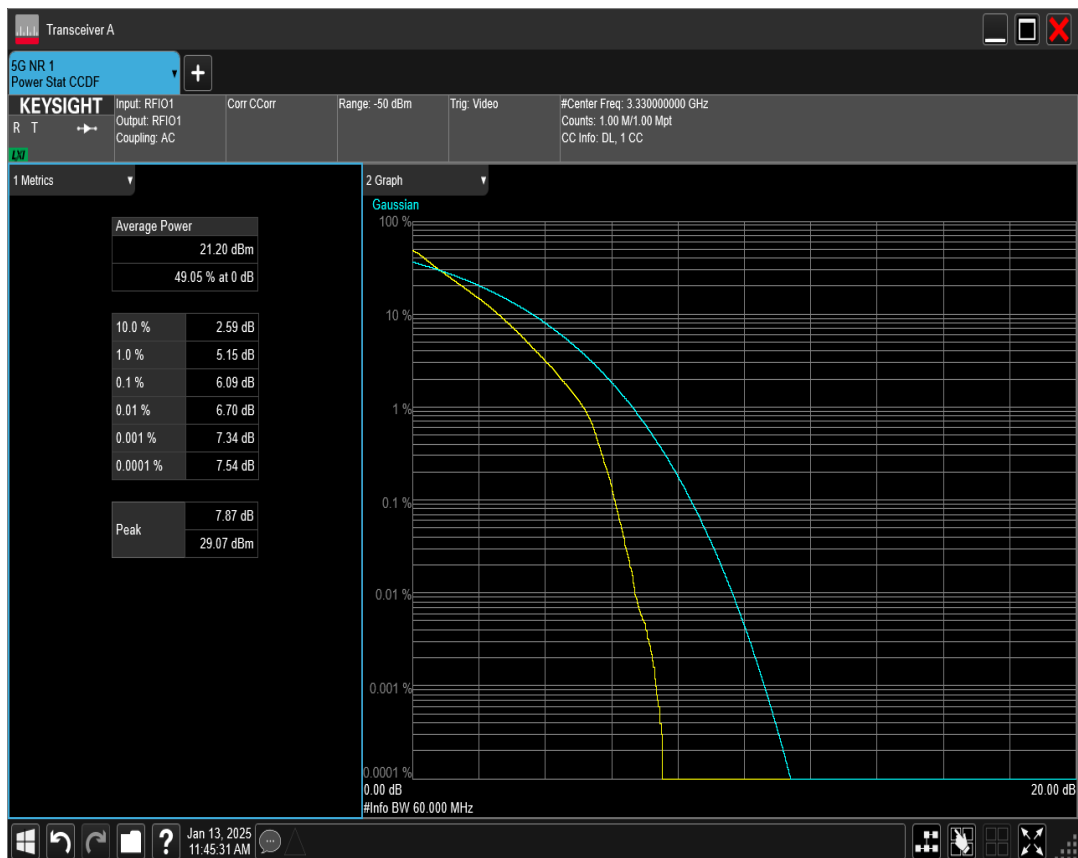
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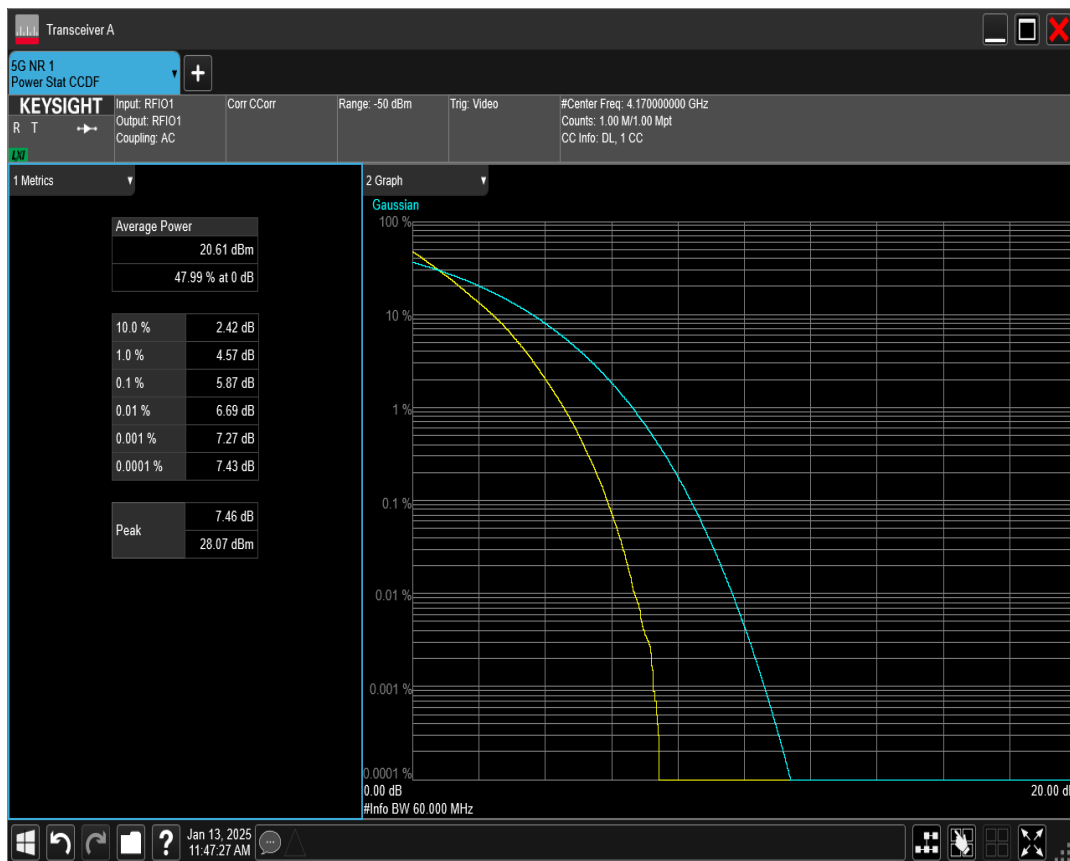
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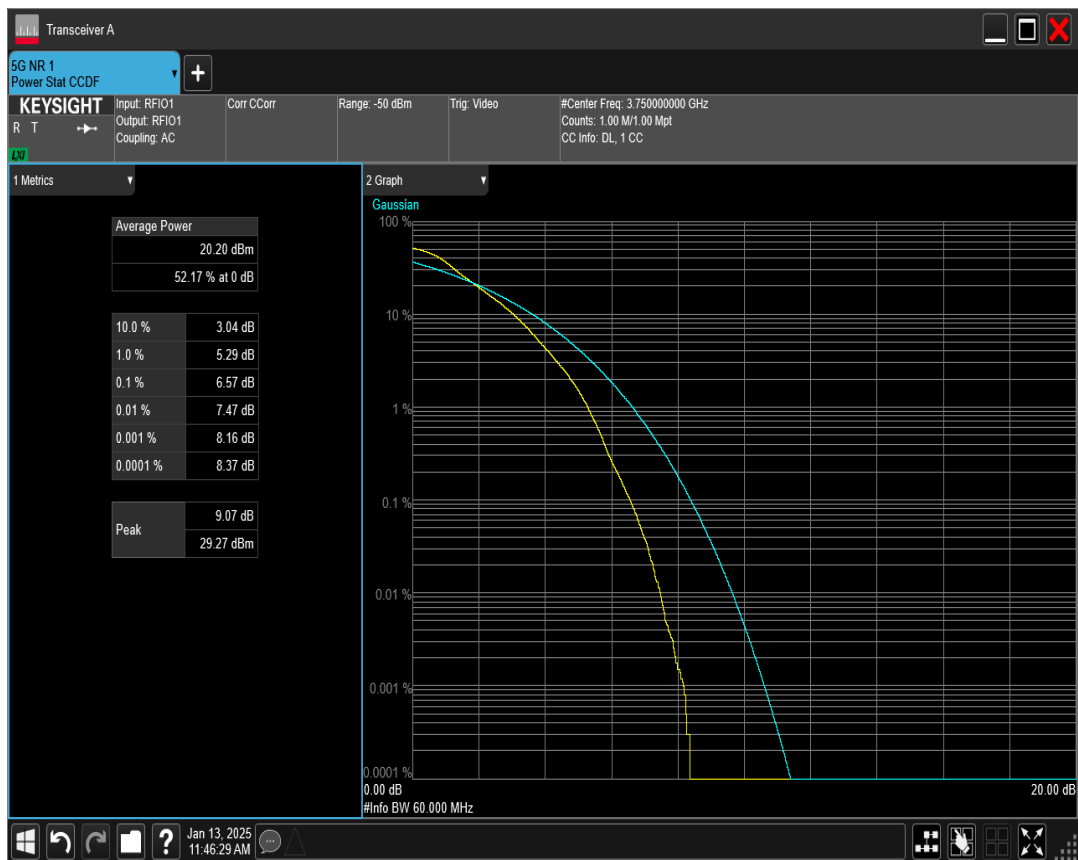
*n77 SCS=30kHz DFT\_QPSK BW=60MHz Channel=622000 RB=162@0*



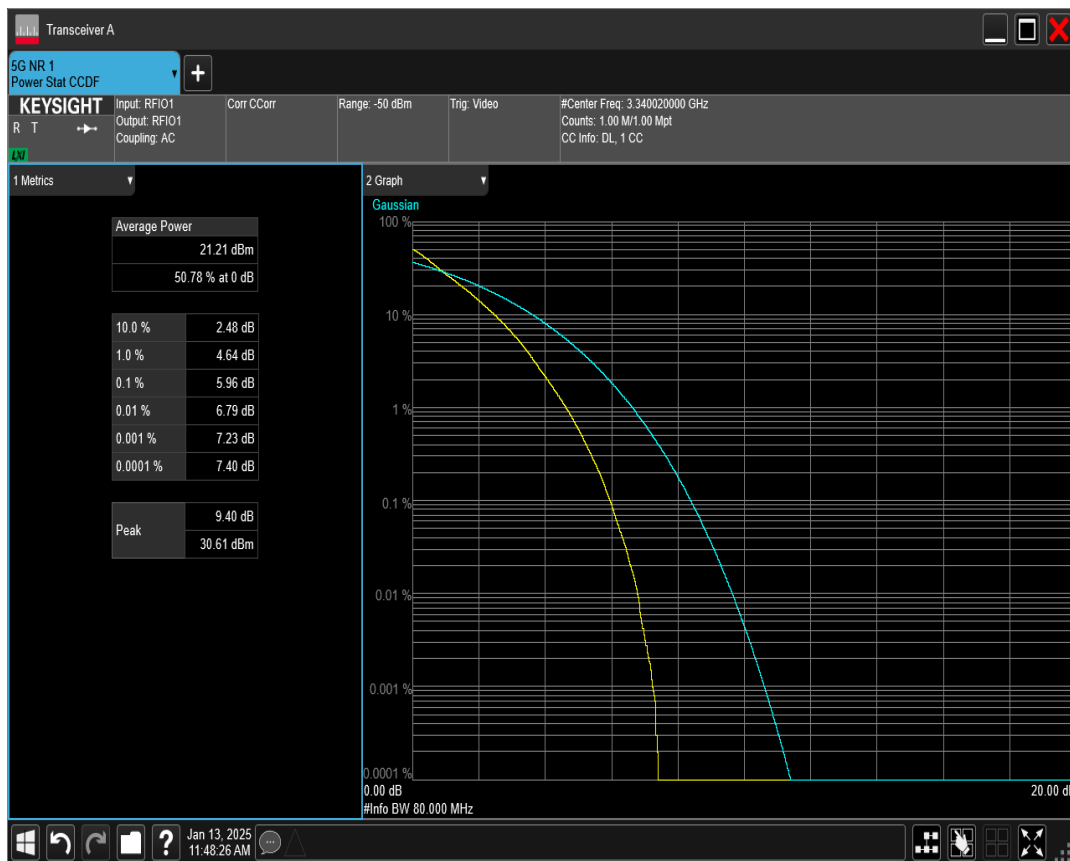
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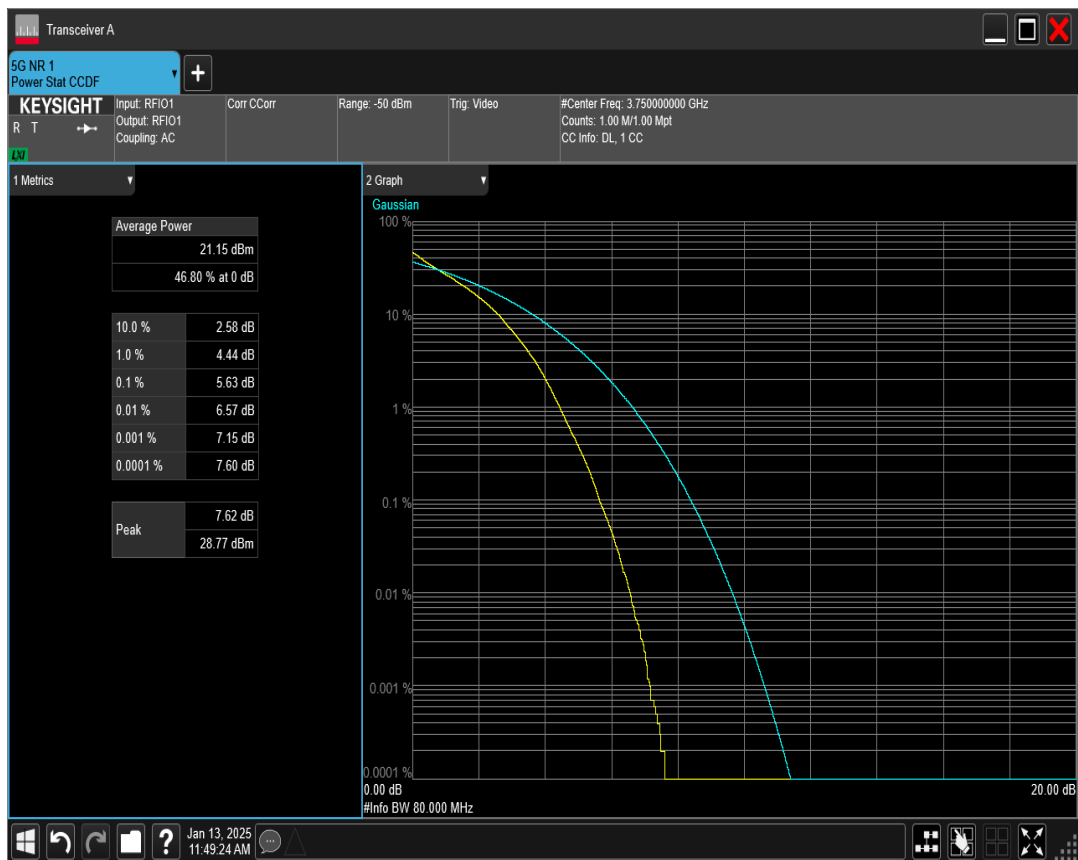
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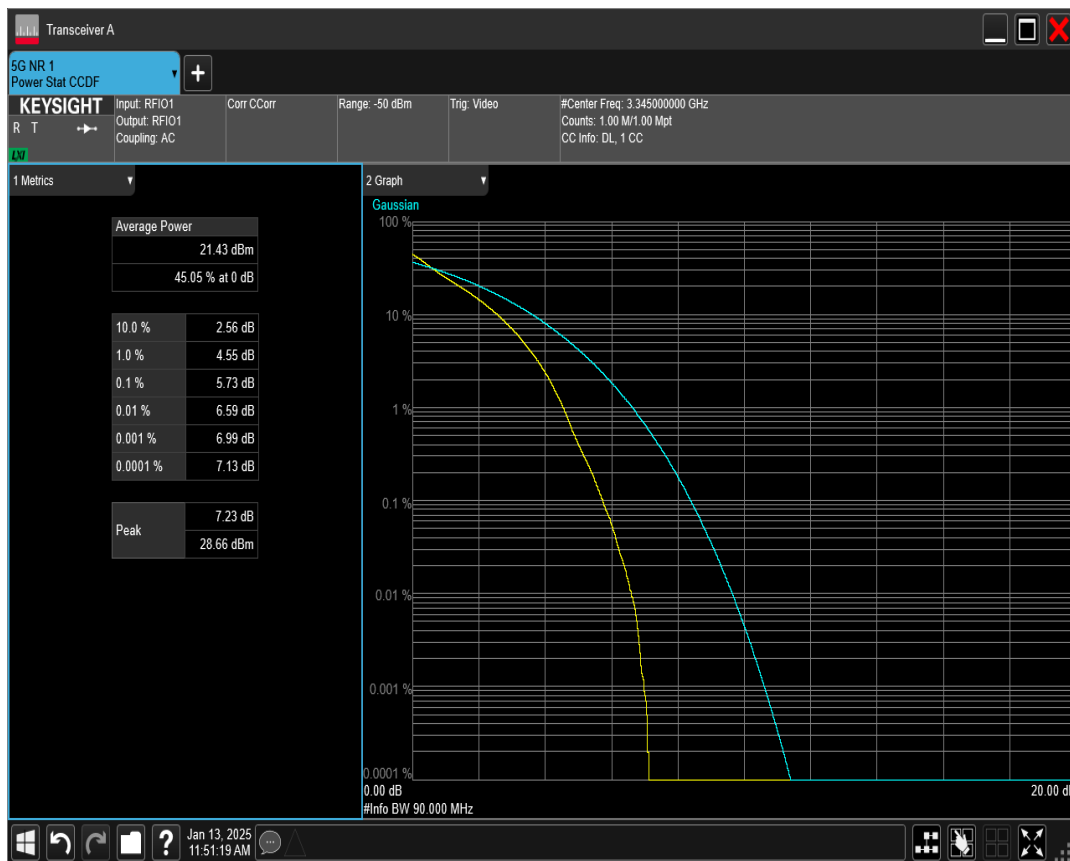
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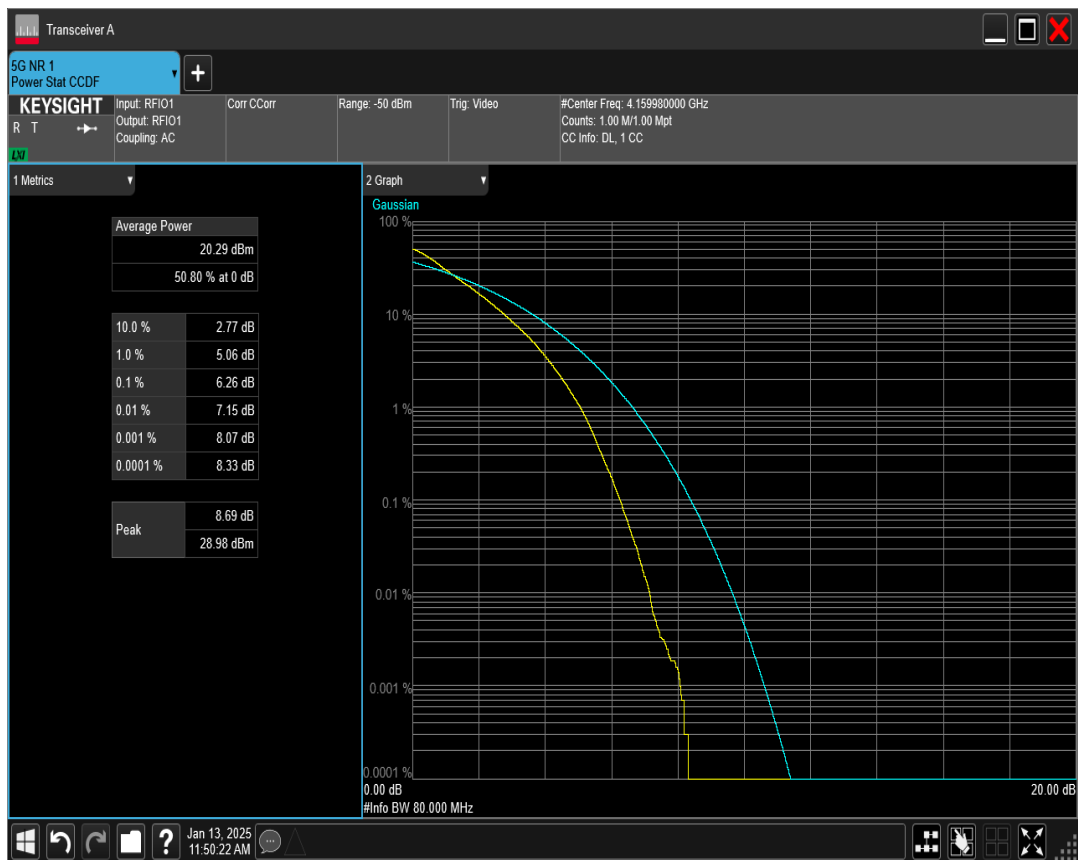
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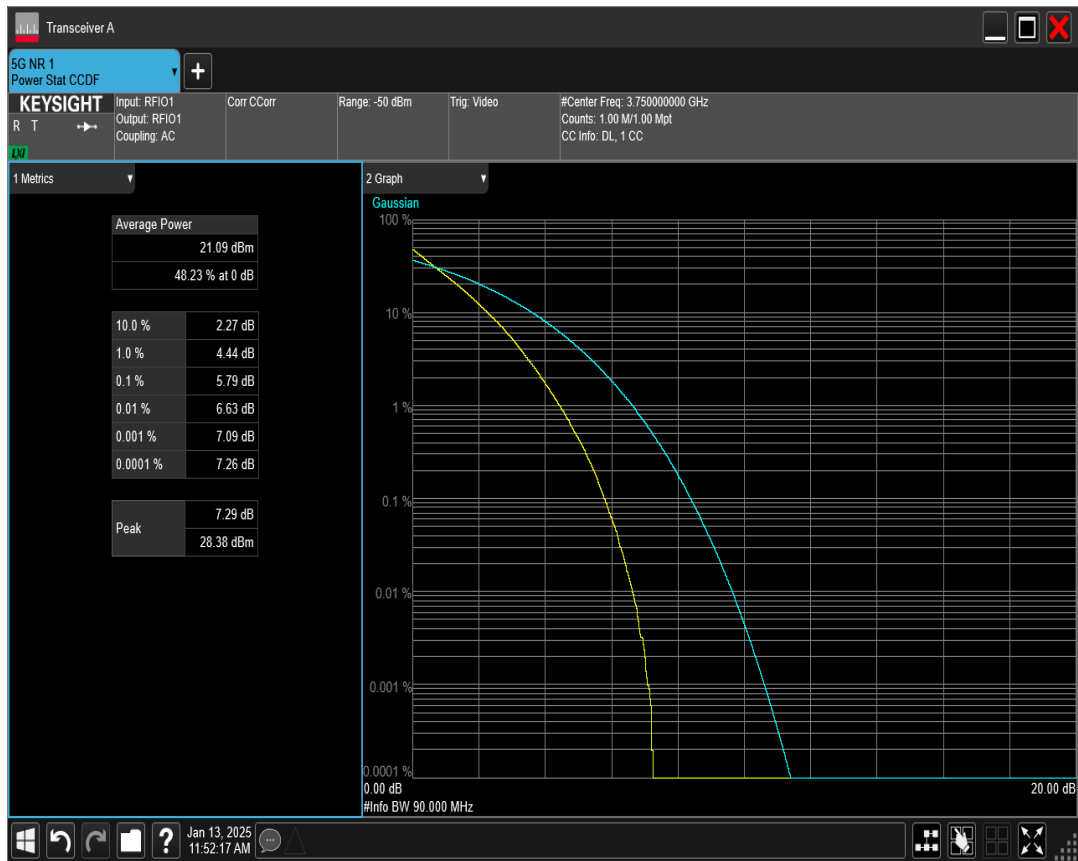
*n77 SCS=30kHz DFT\_QPSK BW=90MHz Channel=623000 RB=240@0*



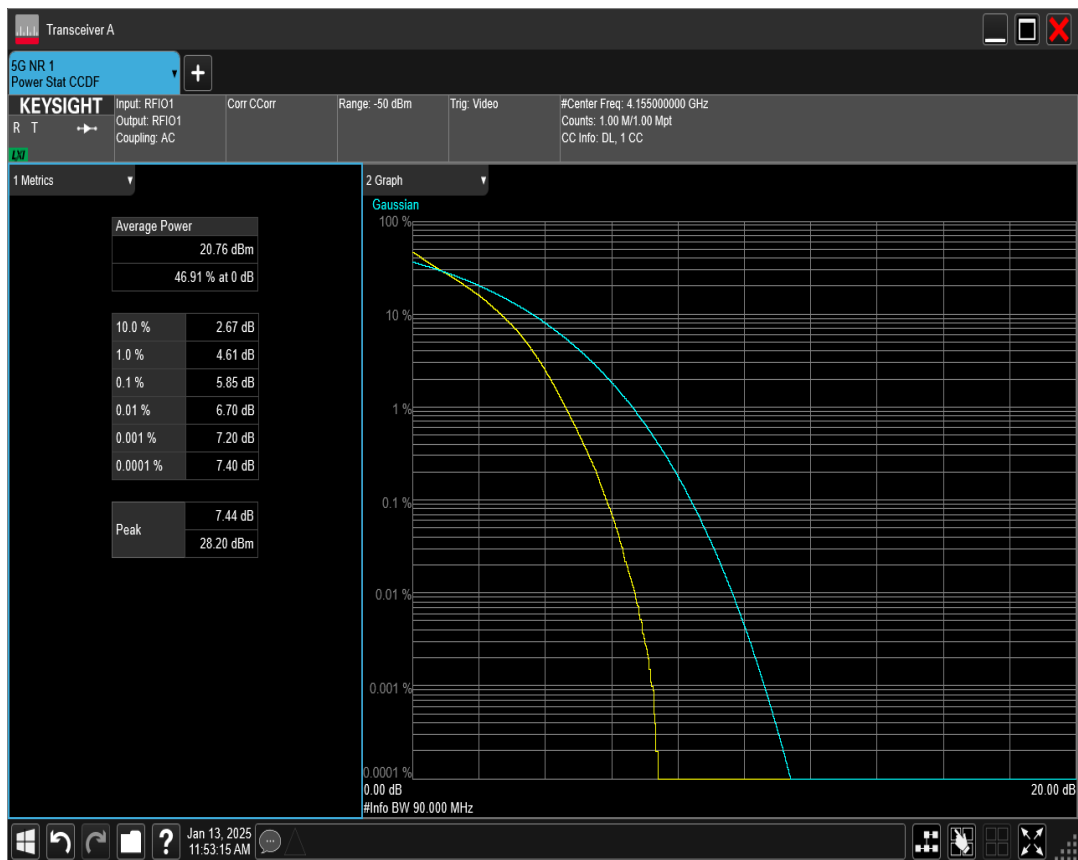
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*n77 SCS=30kHz DFT\_QPSK BW=90MHz Channel=650000 RB=240@0*



*n77 SCS=30kHz DFT\_QPSK BW=90MHz Channel=677000 RB=240@0*



## 4 Occupied bandwidth for EN-DC

| Band | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | 99% OBW<br>(MHz) | -26dB EBW<br>(MHz) | Verdict |
|------|--------------|--------------------|---------------|------------------|------------|------------------|--------------------|---------|
| n77  | 30           | 10                 | 650000        | 24@0             | DFT_BPSK   | 8.550            | 8.900              | PASS    |
| n77  | 30           | 10                 | 650000        | 24@0             | DFT_QPSK   | 8.560            | 8.900              | PASS    |
| n77  | 30           | 10                 | 650000        | 24@0             | DFT_QAM16  | 8.570            | 8.850              | PASS    |
| n77  | 30           | 10                 | 650000        | 24@0             | DFT_QAM64  | 8.560            | 8.950              | PASS    |
| n77  | 30           | 10                 | 650000        | 24@0             | DFT_QAM256 | 8.530            | 8.930              | PASS    |
| n77  | 30           | 15                 | 650000        | 36@0             | DFT_BPSK   | 13.550           | 13.200             | PASS    |
| n77  | 30           | 15                 | 650000        | 36@0             | DFT_QPSK   | 13.450           | 13.270             | PASS    |
| n77  | 30           | 15                 | 650000        | 36@0             | DFT_QAM16  | 13.540           | 13.270             | PASS    |
| n77  | 30           | 15                 | 650000        | 36@0             | DFT_QAM64  | 13.480           | 13.190             | PASS    |
| n77  | 30           | 15                 | 650000        | 36@0             | DFT_QAM256 | 13.480           | 13.150             | PASS    |
| n77  | 30           | 20                 | 650000        | 50@0             | DFT_BPSK   | 18.110           | 18.290             | PASS    |
| n77  | 30           | 20                 | 650000        | 50@0             | DFT_QPSK   | 18.090           | 18.270             | PASS    |
| n77  | 30           | 20                 | 650000        | 50@0             | DFT_QAM16  | 18.030           | 18.230             | PASS    |
| n77  | 30           | 20                 | 650000        | 50@0             | DFT_QAM64  | 18.040           | 18.310             | PASS    |
| n77  | 30           | 20                 | 650000        | 50@0             | DFT_QAM256 | 17.920           | 18.300             | PASS    |
| n77  | 30           | 40                 | 650000        | 100@0            | DFT_BPSK   | 37.410           | 36.290             | PASS    |
| n77  | 30           | 40                 | 650000        | 100@0            | DFT_QPSK   | 37.560           | 36.300             | PASS    |
| n77  | 30           | 40                 | 650000        | 100@0            | DFT_QAM16  | 37.400           | 36.250             | PASS    |
| n77  | 30           | 40                 | 650000        | 100@0            | DFT_QAM64  | 37.510           | 36.430             | PASS    |
| n77  | 30           | 40                 | 650000        | 100@0            | DFT_QAM256 | 37.360           | 36.320             | PASS    |
| n77  | 30           | 50                 | 650000        | 128@0            | DFT_BPSK   | 47.080           | 46.420             | PASS    |
| n77  | 30           | 50                 | 650000        | 128@0            | DFT_QPSK   | 46.940           | 46.440             | PASS    |
| n77  | 30           | 50                 | 650000        | 128@0            | DFT_QAM16  | 46.960           | 46.240             | PASS    |
| n77  | 30           | 50                 | 650000        | 128@0            | DFT_QAM64  | 47.080           | 46.410             | PASS    |
| n77  | 30           | 50                 | 650000        | 128@0            | DFT_QAM256 | 47.080           | 46.350             | PASS    |
| n77  | 30           | 60                 | 650000        | 162@0            | DFT_BPSK   | 57.710           | 58.640             | PASS    |
| n77  | 30           | 60                 | 650000        | 162@0            | DFT_QPSK   | 57.780           | 58.620             | PASS    |
| n77  | 30           | 60                 | 650000        | 162@0            | DFT_QAM16  | 57.700           | 58.630             | PASS    |
| n77  | 30           | 60                 | 650000        | 162@0            | DFT_QAM64  | 57.620           | 58.570             | PASS    |
| n77  | 30           | 60                 | 650000        | 162@0            | DFT_QAM256 | 57.700           | 58.580             | PASS    |
| n77  | 30           | 80                 | 650000        | 216@0            | DFT_BPSK   | 77.030           | 78.140             | PASS    |
| n77  | 30           | 80                 | 650000        | 216@0            | DFT_QPSK   | 76.920           | 78.110             | PASS    |
| n77  | 30           | 80                 | 650000        | 216@0            | DFT_QAM16  | 76.920           | 78.060             | PASS    |
| n77  | 30           | 80                 | 650000        | 216@0            | DFT_QAM64  | 76.910           | 78.120             | PASS    |
| n77  | 30           | 80                 | 650000        | 216@0            | DFT_QAM256 | 76.940           | 78.140             | PASS    |
| n77  | 30           | 90                 | 650000        | 240@0            | DFT_BPSK   | 86.560           | 86.840             | PASS    |
| n77  | 30           | 90                 | 650000        | 240@0            | DFT_QPSK   | 86.580           | 86.770             | PASS    |
| n77  | 30           | 90                 | 650000        | 240@0            | DFT_QAM16  | 86.550           | 86.780             | PASS    |
| n77  | 30           | 90                 | 650000        | 240@0            | DFT_QAM64  | 86.420           | 86.790             | PASS    |
| n77  | 30           | 90                 | 650000        | 240@0            | DFT_QAM256 | 86.530           | 86.770             | PASS    |

|     |    |     |        |       |            |        |        |      |
|-----|----|-----|--------|-------|------------|--------|--------|------|
| n77 | 30 | 100 | 650000 | 270@0 | DFT_BPSK   | 96.430 | 97.530 | PASS |
| n77 | 30 | 100 | 650000 | 270@0 | DFT_QPSK   | 96.310 | 97.590 | PASS |
| n77 | 30 | 100 | 650000 | 270@0 | DFT_QAM16  | 96.330 | 97.480 | PASS |
| n77 | 30 | 100 | 650000 | 270@0 | DFT_QAM64  | 96.430 | 97.550 | PASS |
| n77 | 30 | 100 | 650000 | 270@0 | DFT_QAM256 | 96.430 | 97.560 | PASS |

**n77 SCS=30kHz DFT\_BPSK BW=100MHz Channel=650000 RB=270@0****n77 SCS=30kHz DFT\_BPSK BW=15MHz Channel=650000 RB=36@0**



*n77 SCS=30kHz DFT\_BPSK BW=10MHz Channel=650000 RB=24@0*



*n77 SCS=30kHz DFT\_BPSK BW=40MHz Channel=650000 RB=100@0*



***n77 SCS=30kHz DFT\_BPSK BW=20MHz Channel=650000 RB=50@0***



***n77 SCS=30kHz DFT\_BPSK BW=50MHz Channel=650000 RB=128@0***



***n77 SCS=30kHz DFT\_BPSK BW=80MHz Channel=650000 RB=216@0***



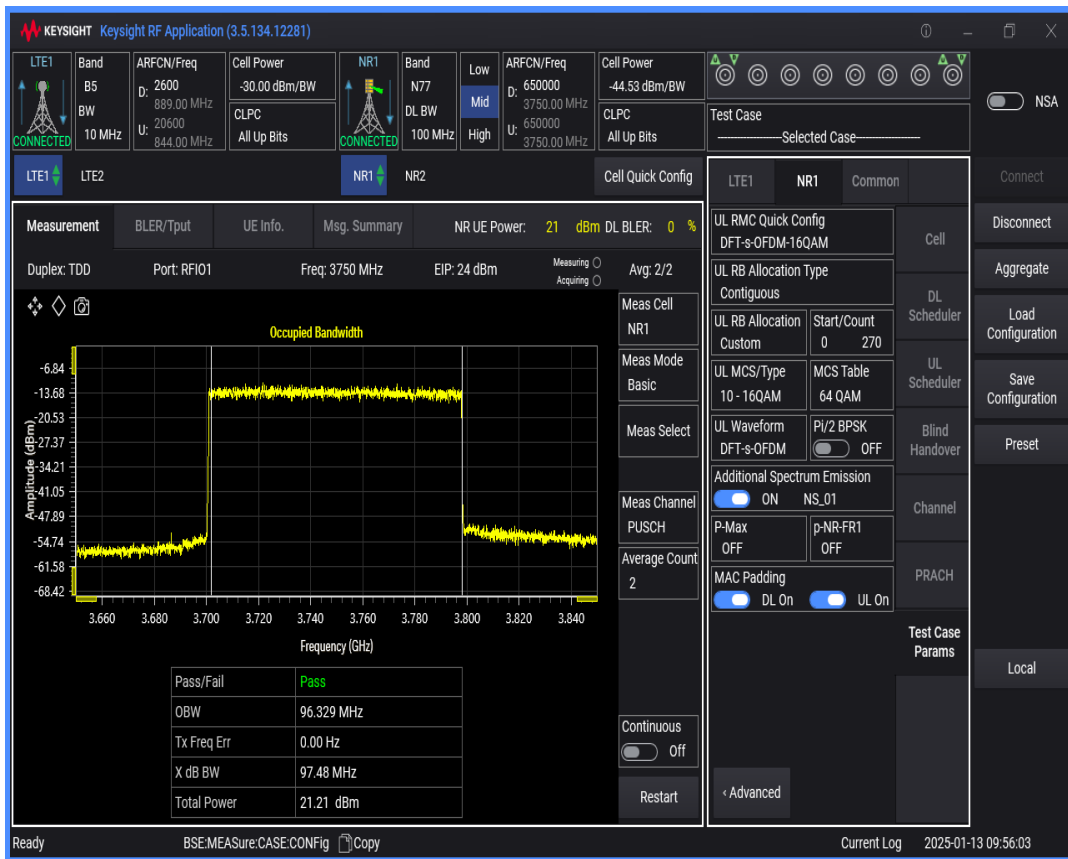
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***n77 SCS=30kHz DFT\_BPSK BW=90MHz Channel=650000 RB=240@0***



***n77 SCS=30kHz DFT\_QAM16 BW=100MHz Channel=650000 RB=270@0***



**n77 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=650000 RB=24@0**



**n77 SCS=30kHz DFT\_QAM16 BW=20MHz Channel=650000 RB=50@0**



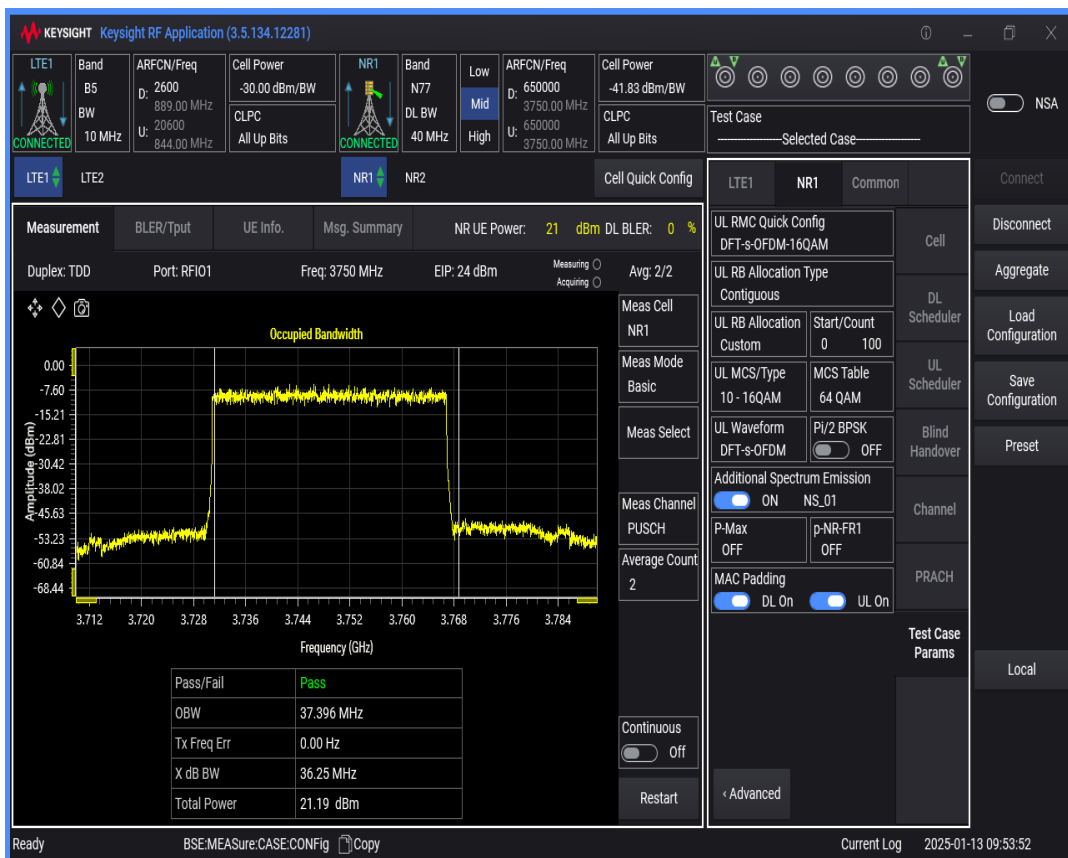
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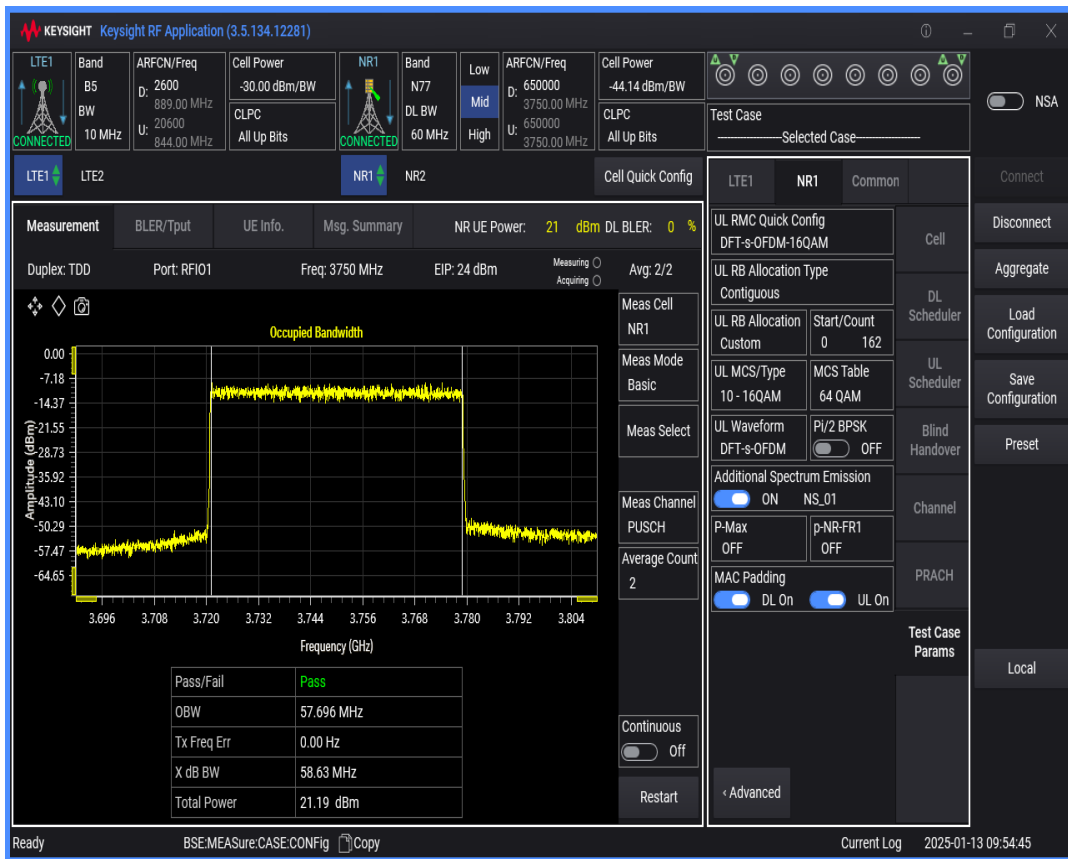
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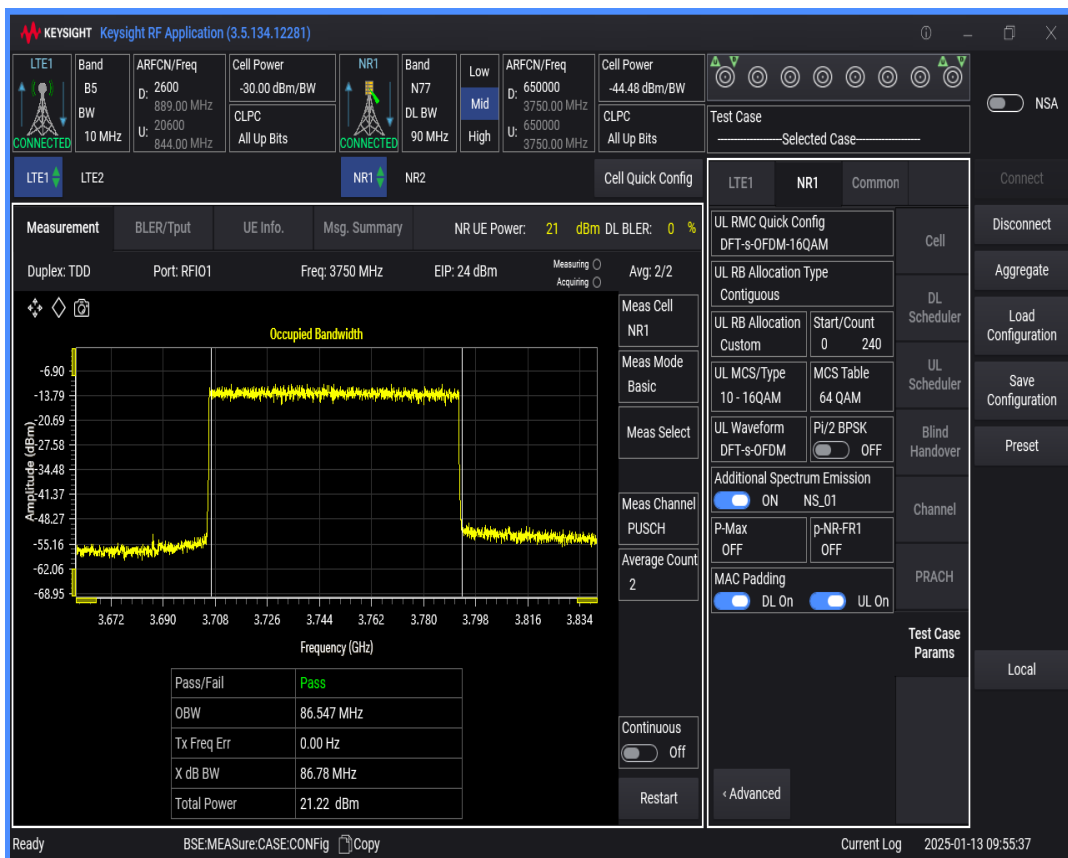
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***n77 SCS=30kHz DFT\_QAM16 BW=60MHz Channel=650000 RB=162@0***



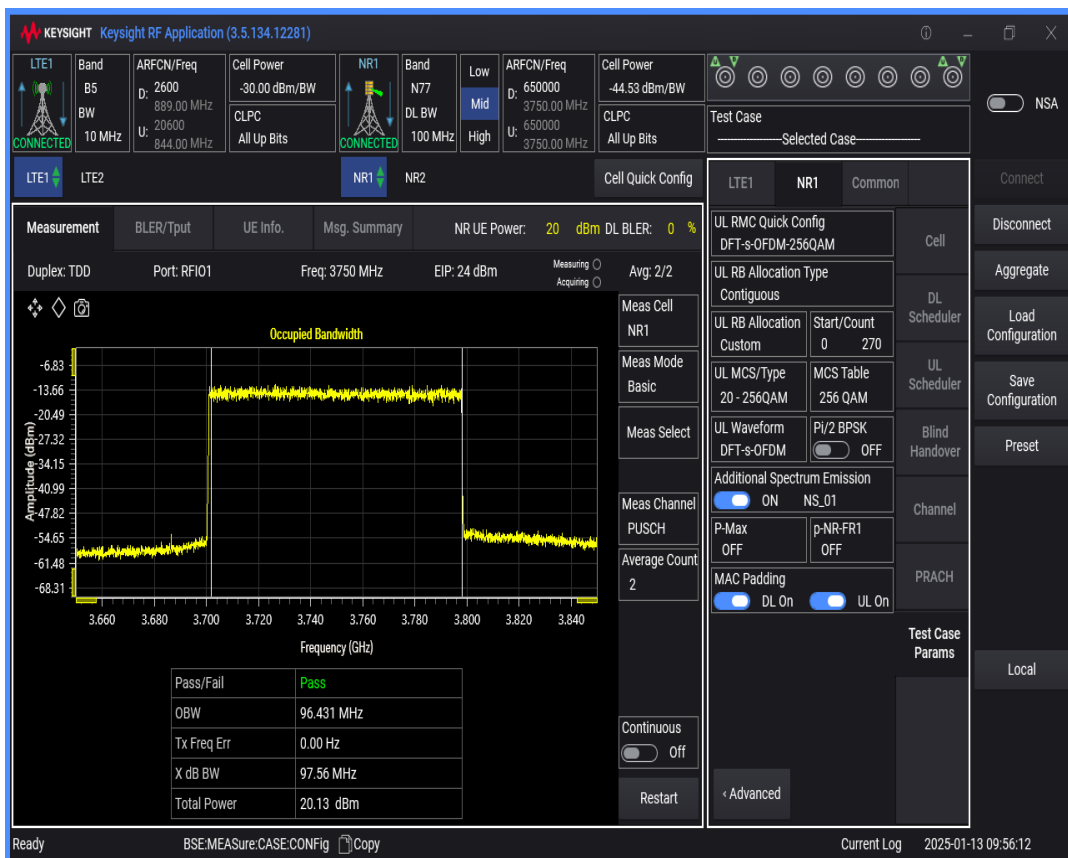
**n77 SCS=30kHz DFT\_QAM16 BW=90MHz Channel=650000 RB=240@0**



**n77 SCS=30kHz DFT\_QAM16 BW=80MHz Channel=650000 RB=216@0**



**n77 SCS=30kHz DFT\_QAM256 BW=100MHz Channel=650000 RB=270@0**



**n77 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=650000 RB=24@0**



***n77 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=650000 RB=36@0***



***n77 SCS=30kHz DFT\_QAM256 BW=20MHz Channel=650000 RB=50@0***



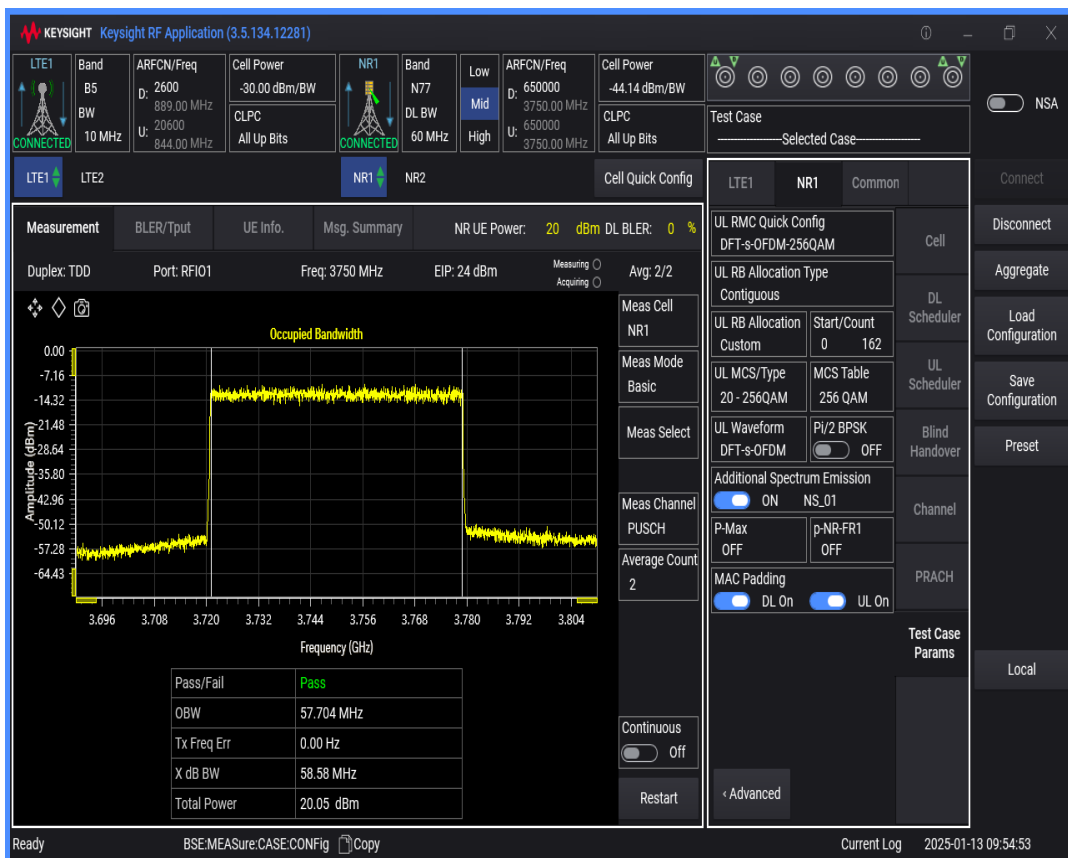
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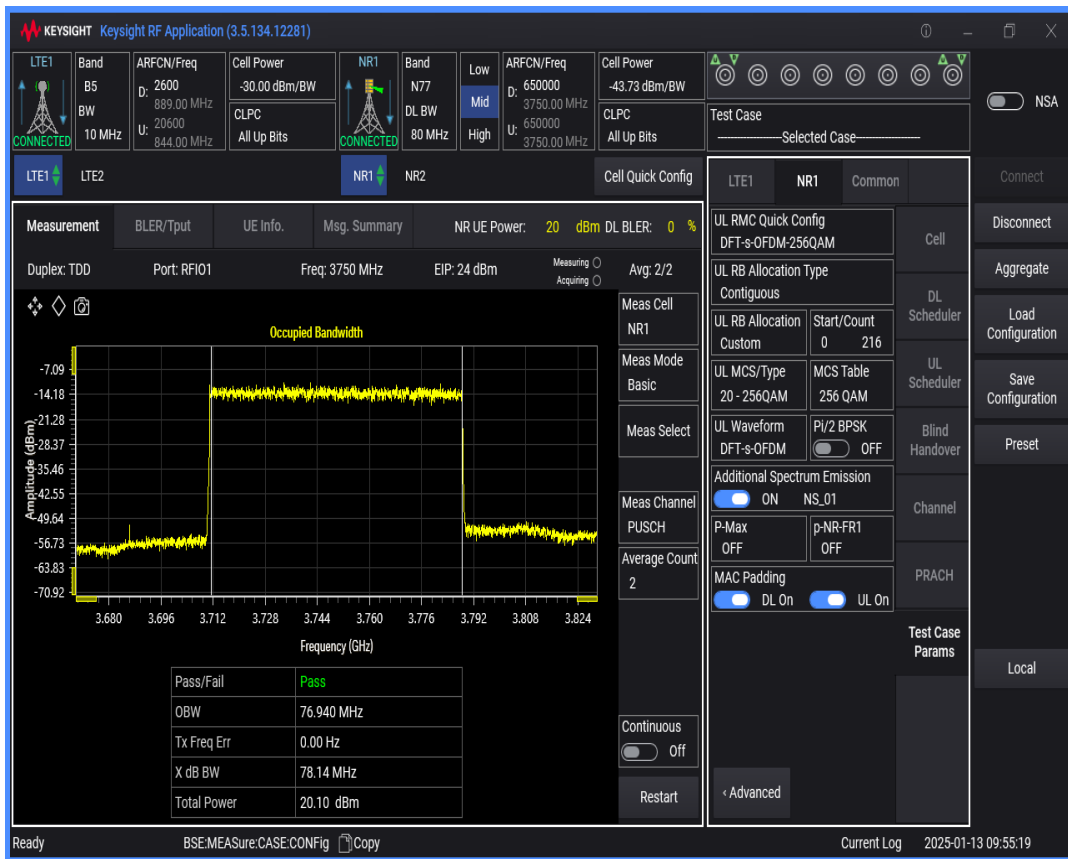
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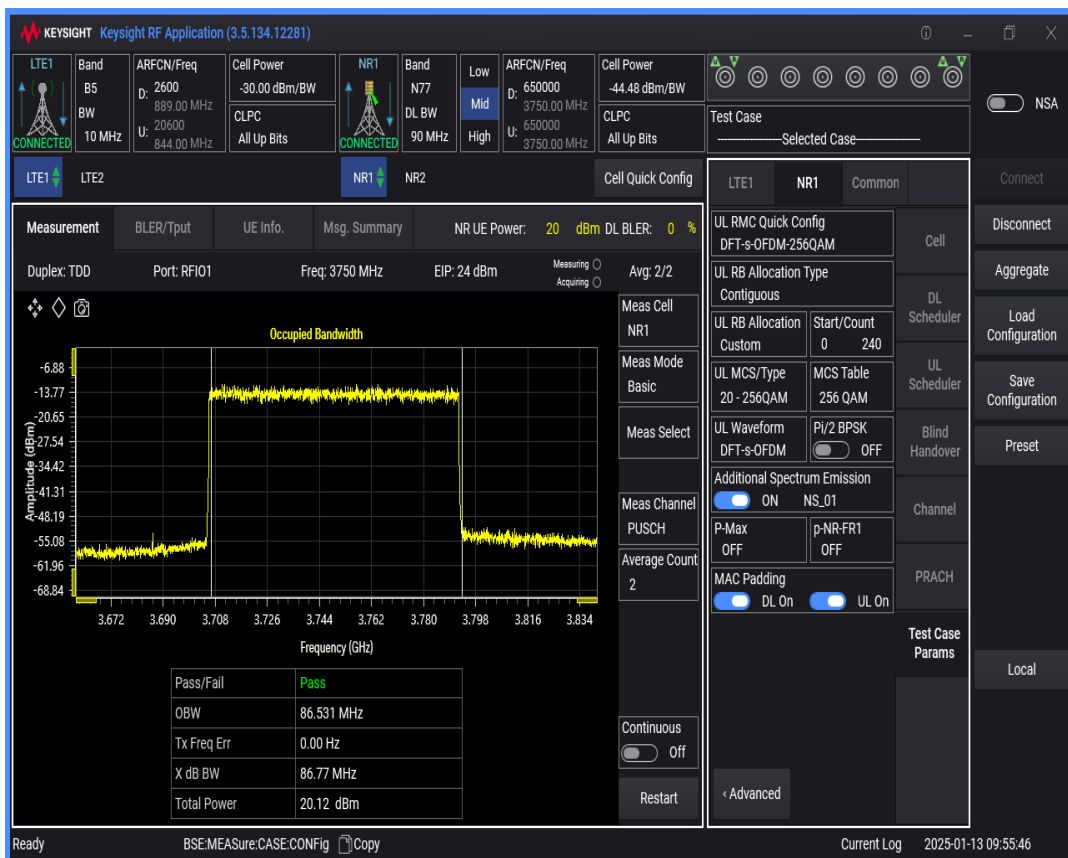
**n77 SCS=30kHz DFT\_QAM256 BW=60MHz Channel=650000 RB=162@0**



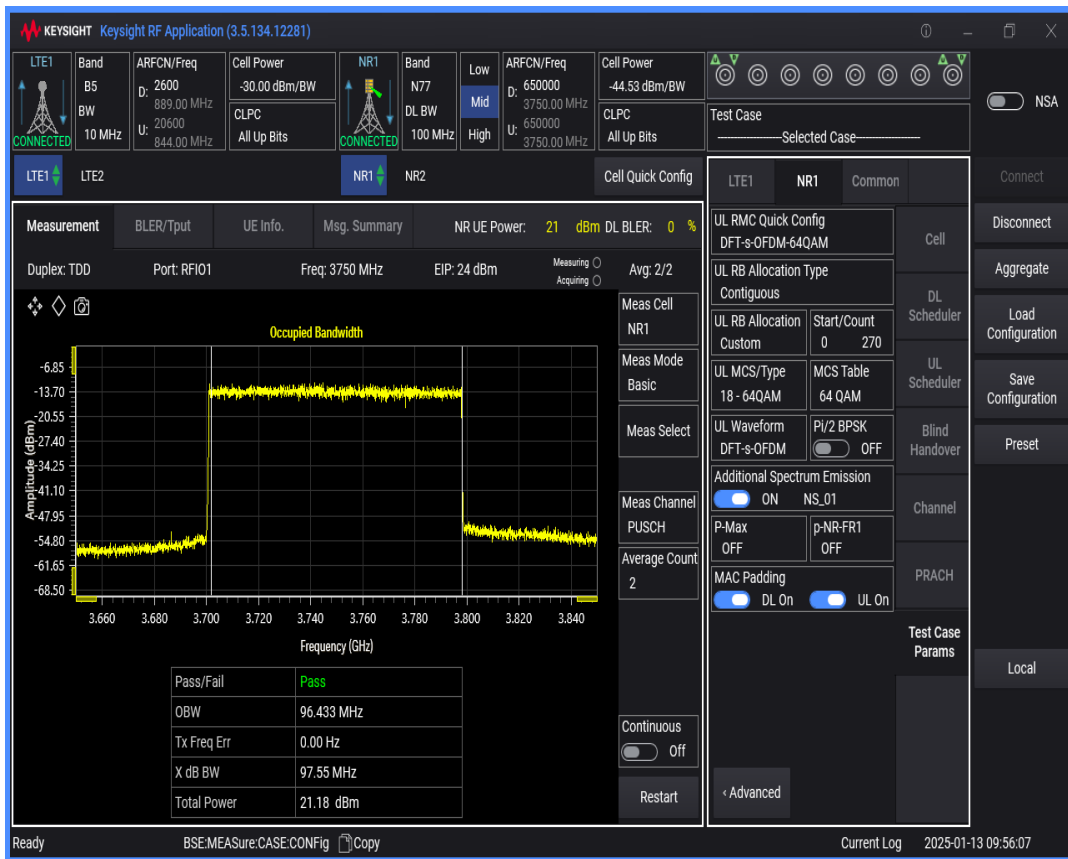
**n77 SCS=30kHz DFT\_QAM256 BW=80MHz Channel=650000 RB=216@0**



**n77 SCS=30kHz DFT\_QAM256 BW=90MHz Channel=650000 RB=240@0**



**n77 SCS=30kHz DFT\_QAM64 BW=100MHz Channel=650000 RB=270@0**



**n77 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=650000 RB=24@0**



**n77 SCS=30kHz DFT\_QAM64 BW=15MHz Channel=650000 RB=36@0**



**n77 SCS=30kHz DFT\_QAM64 BW=20MHz Channel=650000 RB=50@0**



**n77 SCS=30kHz DFT\_QAM64 BW=40MHz Channel=650000 RB=100@0**



***n77 SCS=30kHz DFT\_QAM64 BW=50MHz Channel=650000 RB=128@0***



***n77 SCS=30kHz DFT\_QAM64 BW=80MHz Channel=650000 RB=216@0***