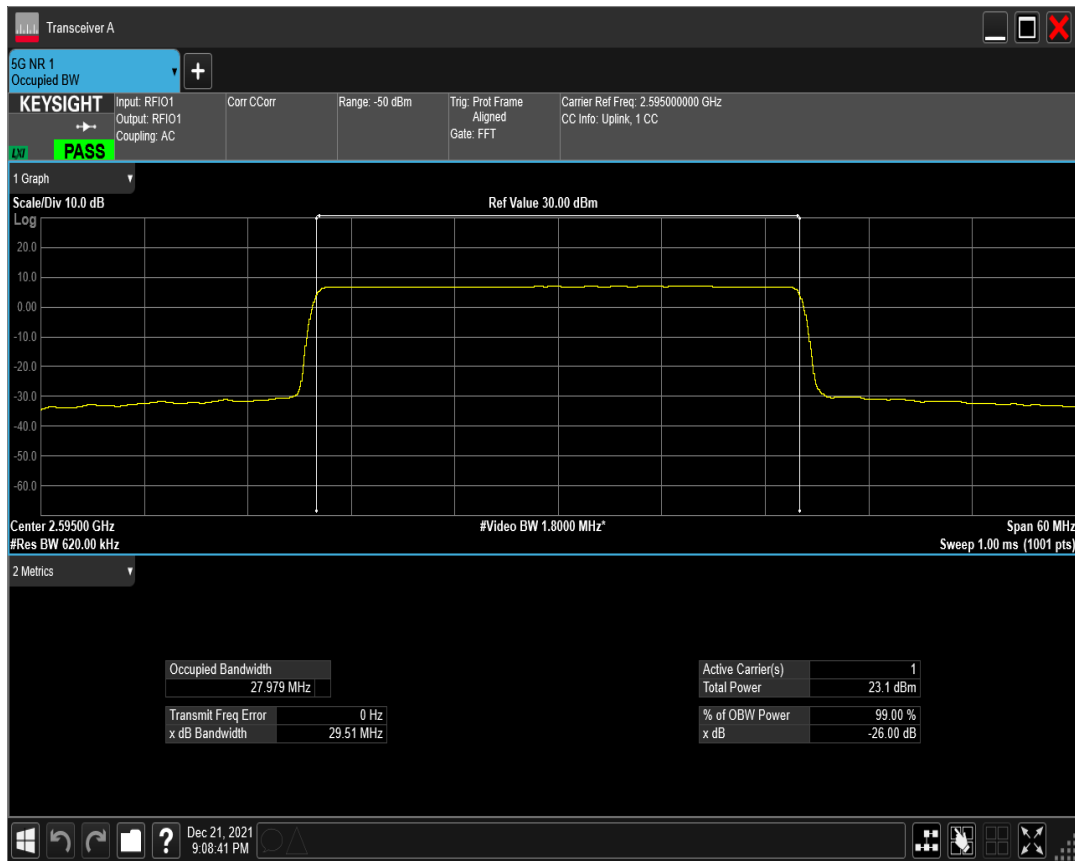
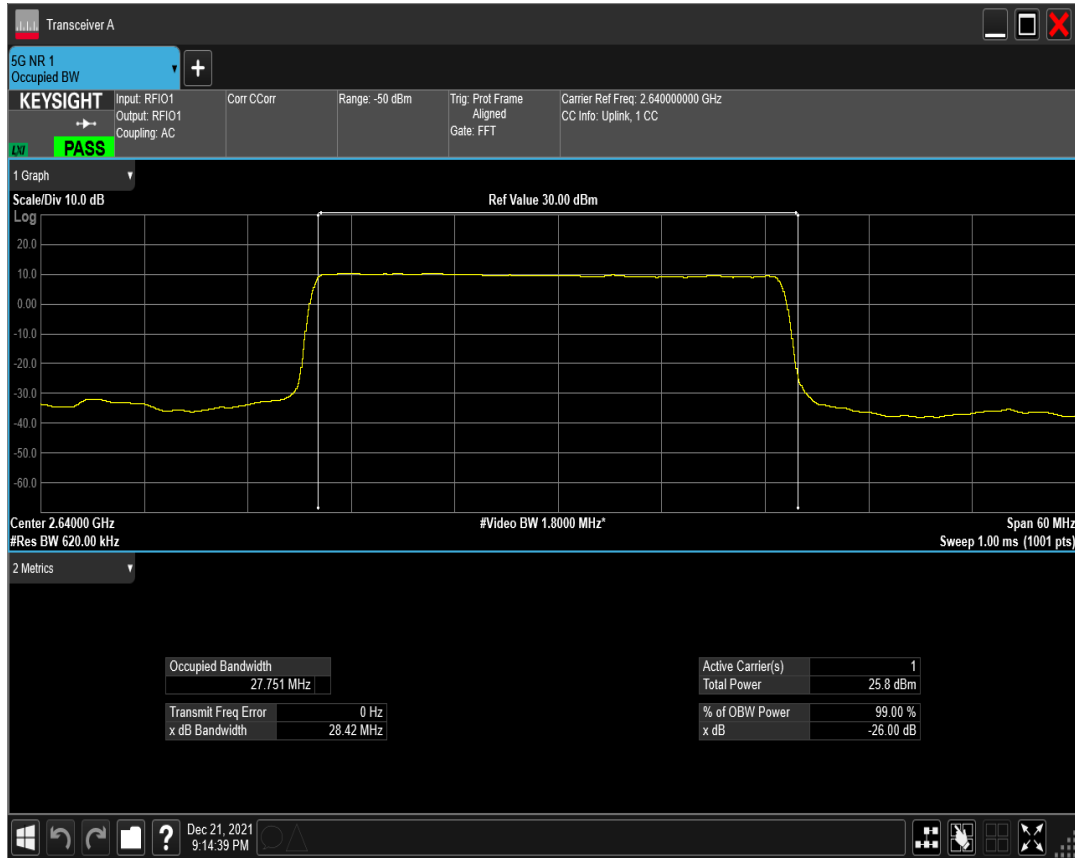




n41(2535-2655) SCS=30kHz DFT\_BPSK BW=30MHz Channel=528000 RB=75@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=30MHz Channel=528000 RB=75@0



n41(2535-2655) SCS=30kHz DFT\_QAM16 BW=30MHz Channel=528000 RB=75@0



n41(2535-2655) SCS=30kHz DFT\_QAM64 BW=30MHz Channel=528000 RB=75@0



n41(2535-2655) SCS=30kHz DFT\_QAM256 BW=30MHz Channel=528000 RB=75@0



n41(2535-2655) SCS=30kHz CP\_QPSK BW=30MHz Channel=528000 RB=78@0



n41(2535-2655) SCS=30kHz DFT\_BPSK BW=40MHz Channel=511002 RB=100@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=40MHz Channel=511002 RB=100@0



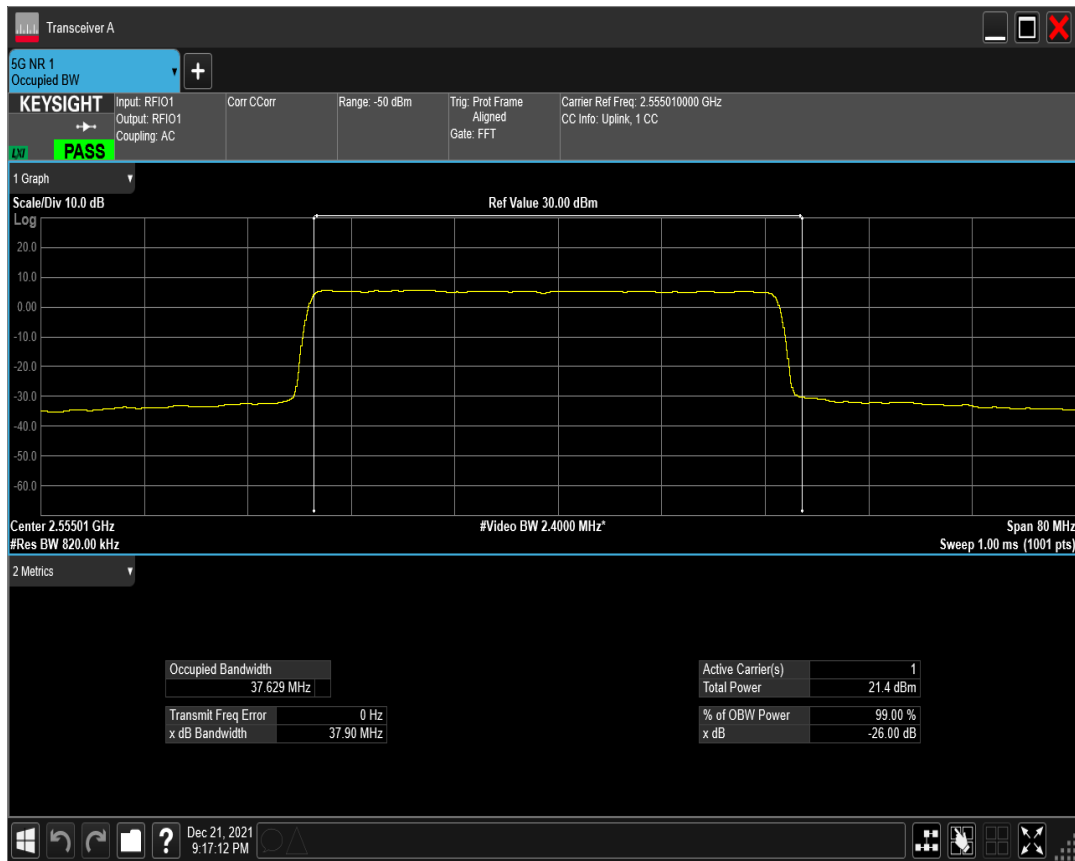
n41(2535-2655) SCS=30kHz DFT\_QAM16 BW=40MHz Channel=511002 RB=100@0



n41(2535-2655) SCS=30kHz DFT\_QAM64 BW=40MHz Channel=511002 RB=100@0



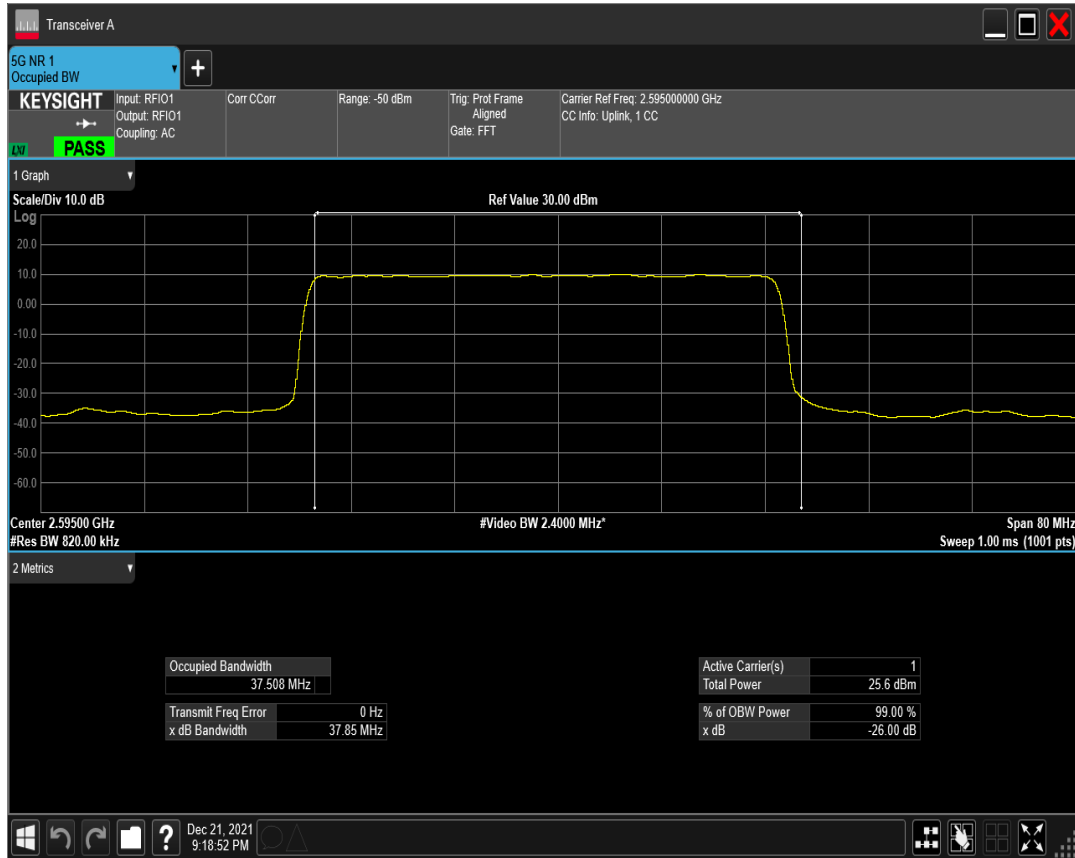
n41(2535-2655) SCS=30kHz DFT\_QAM256 BW=40MHz Channel=511002 RB=100@0



n41(2535-2655) SCS=30kHz CP\_QPSK BW=40MHz Channel=511002 RB=106@0



n41(2535-2655) SCS=30kHz DFT\_BPSK BW=40MHz Channel=519000 RB=100@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=40MHz Channel=519000 RB=100@0



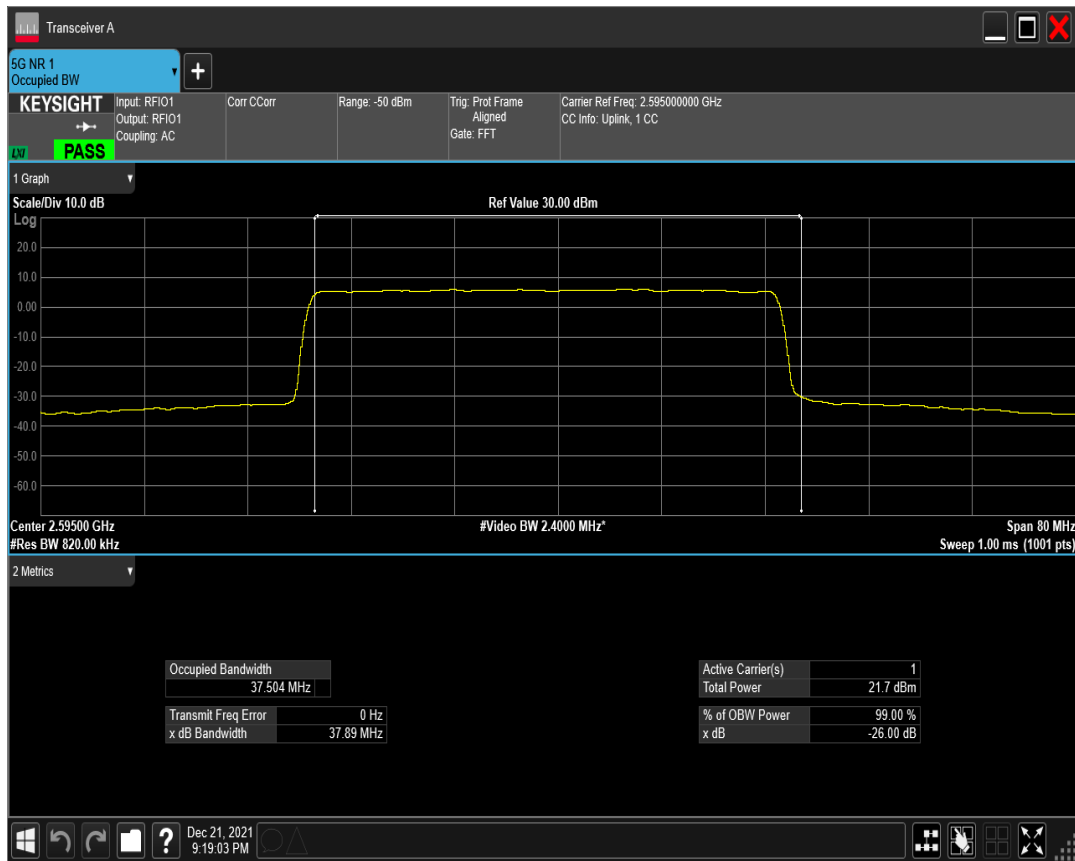
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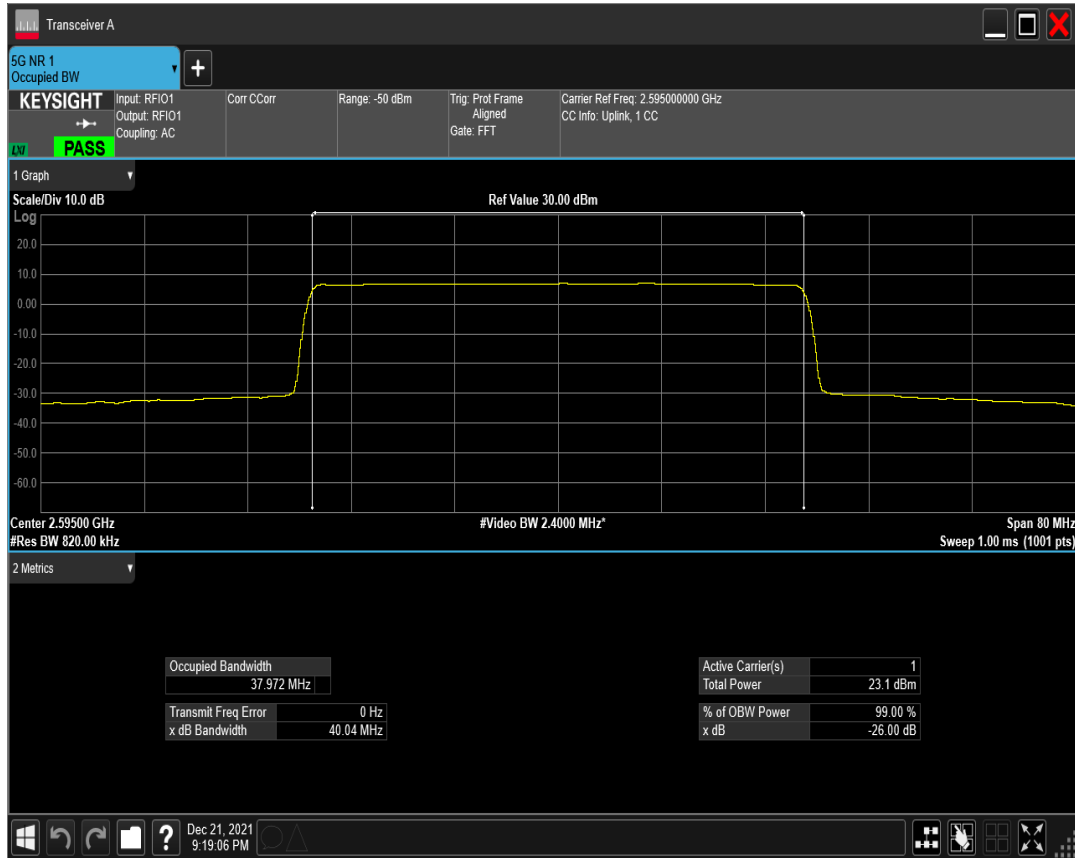
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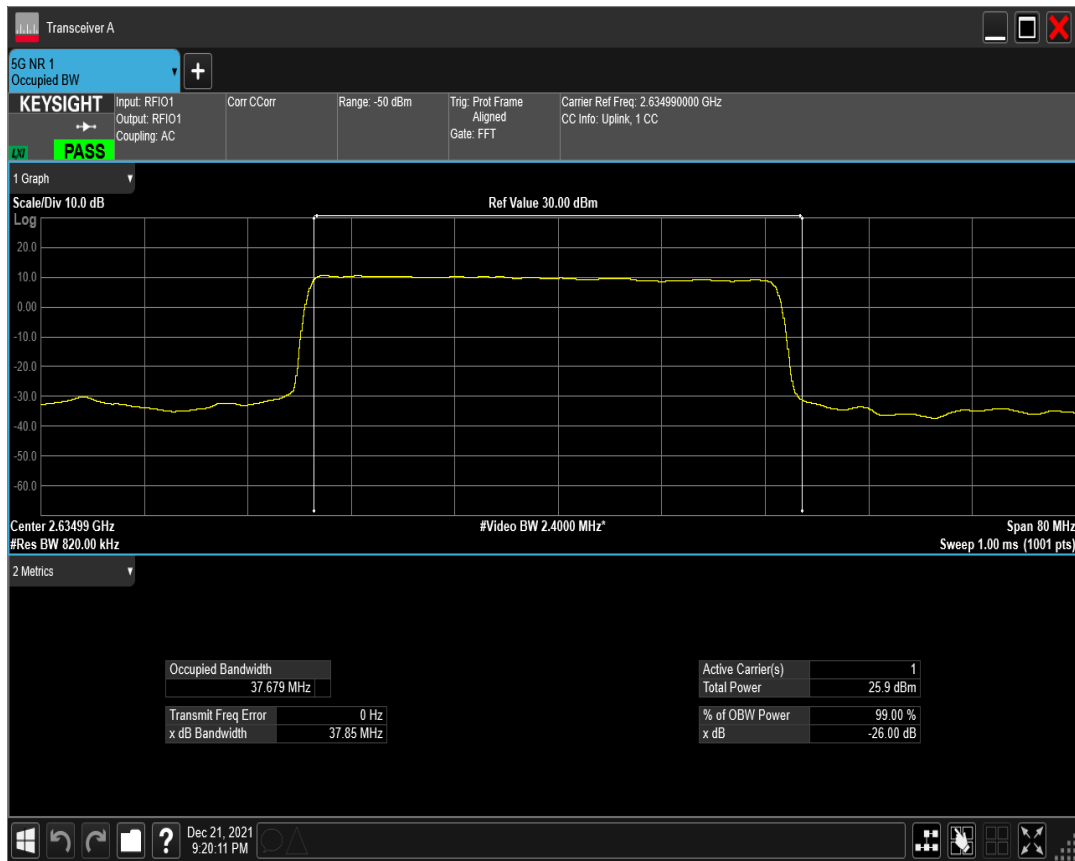
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n41(2535-2655) SCS=30kHz CP\_QPSK BW=40MHz Channel=519000 RB=106@0



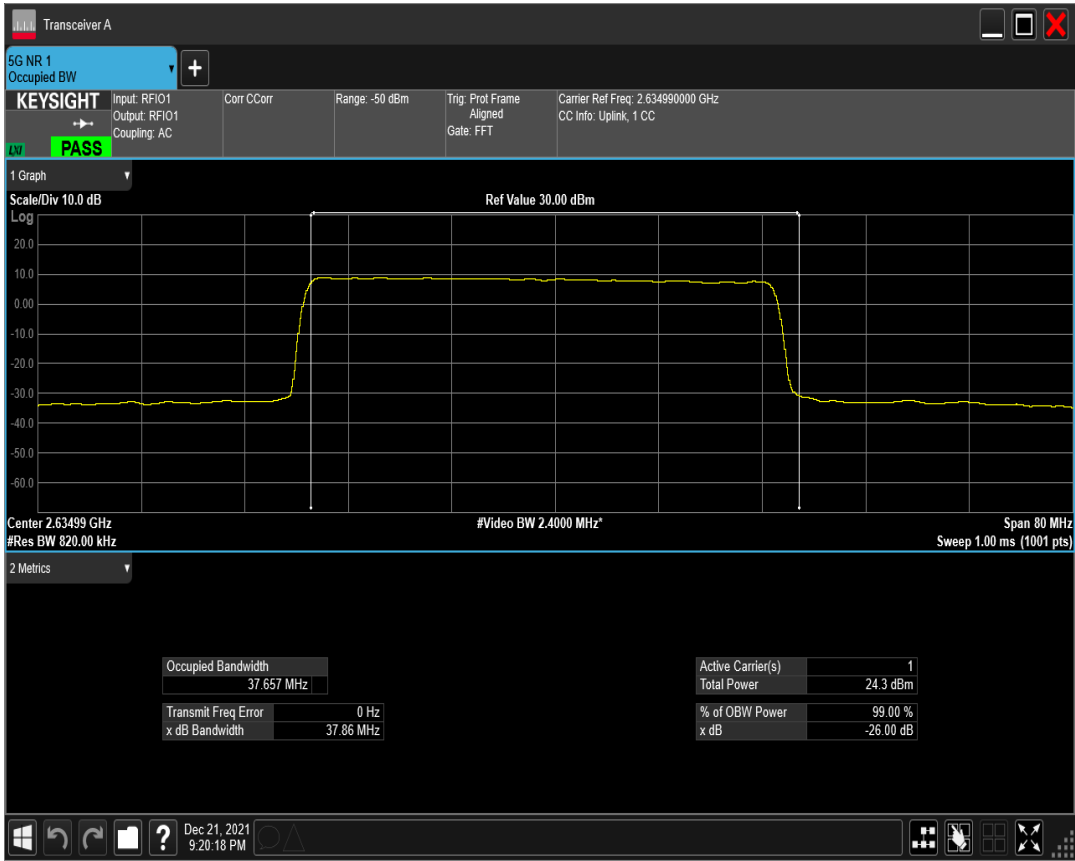
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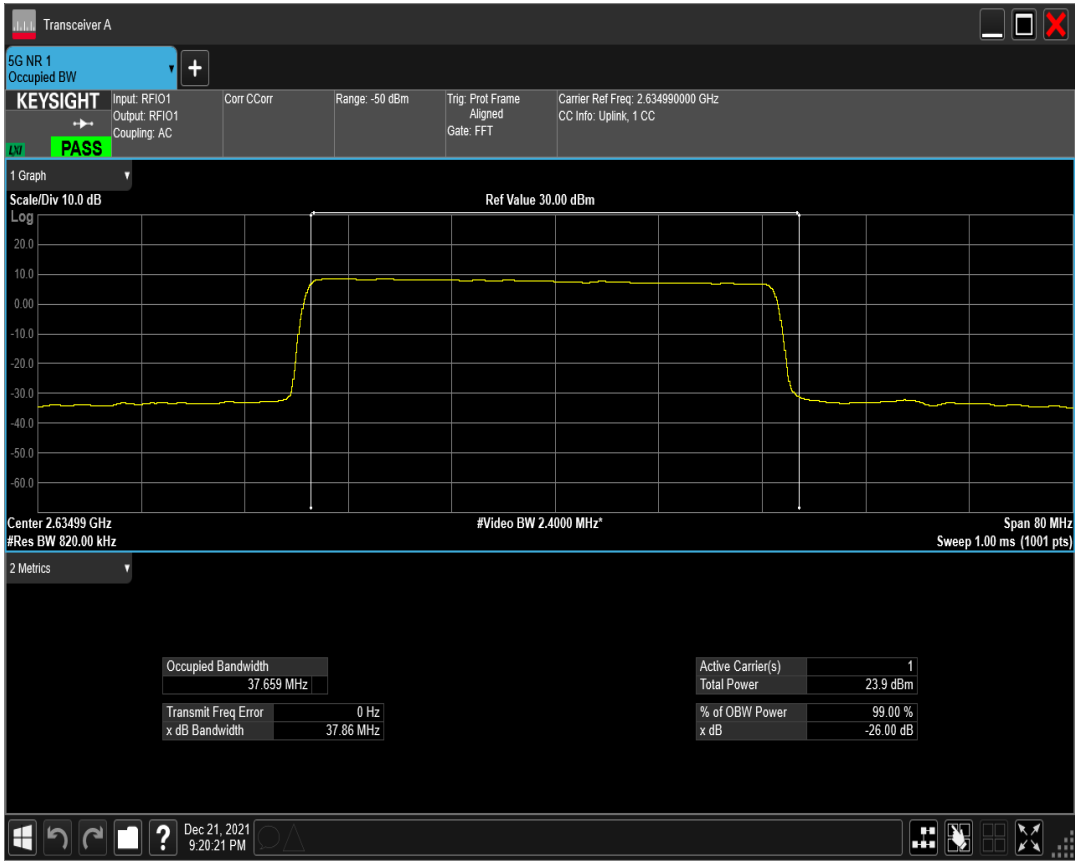
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n41(2535-2655) SCS=30kHz DFT\_QAM16 BW=40MHz Channel=526998 RB=100@0



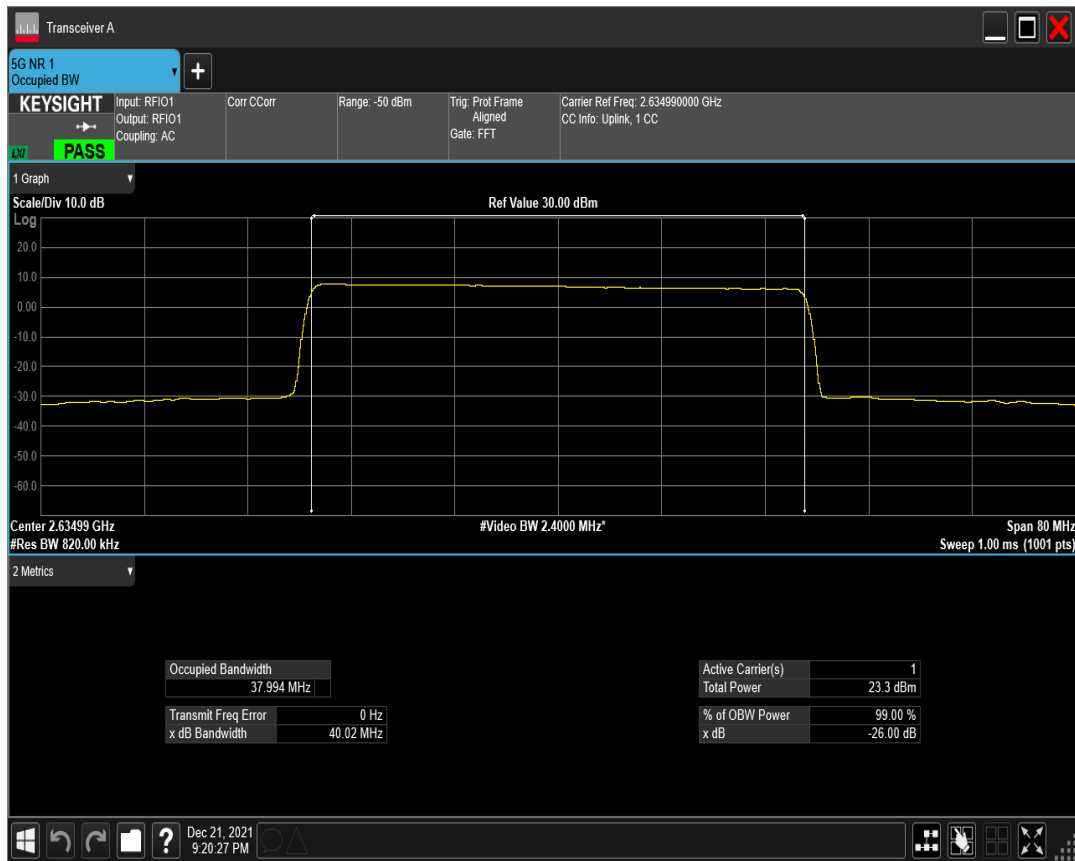
n41(2535-2655) SCS=30kHz DFT\_QAM64 BW=40MHz Channel=526998 RB=100@0



n41(2535-2655) SCS=30kHz DFT\_QAM256 BW=40MHz Channel=526998 RB=100@0



n41(2535-2655) SCS=30kHz CP\_QPSK BW=40MHz Channel=526998 RB=106@0



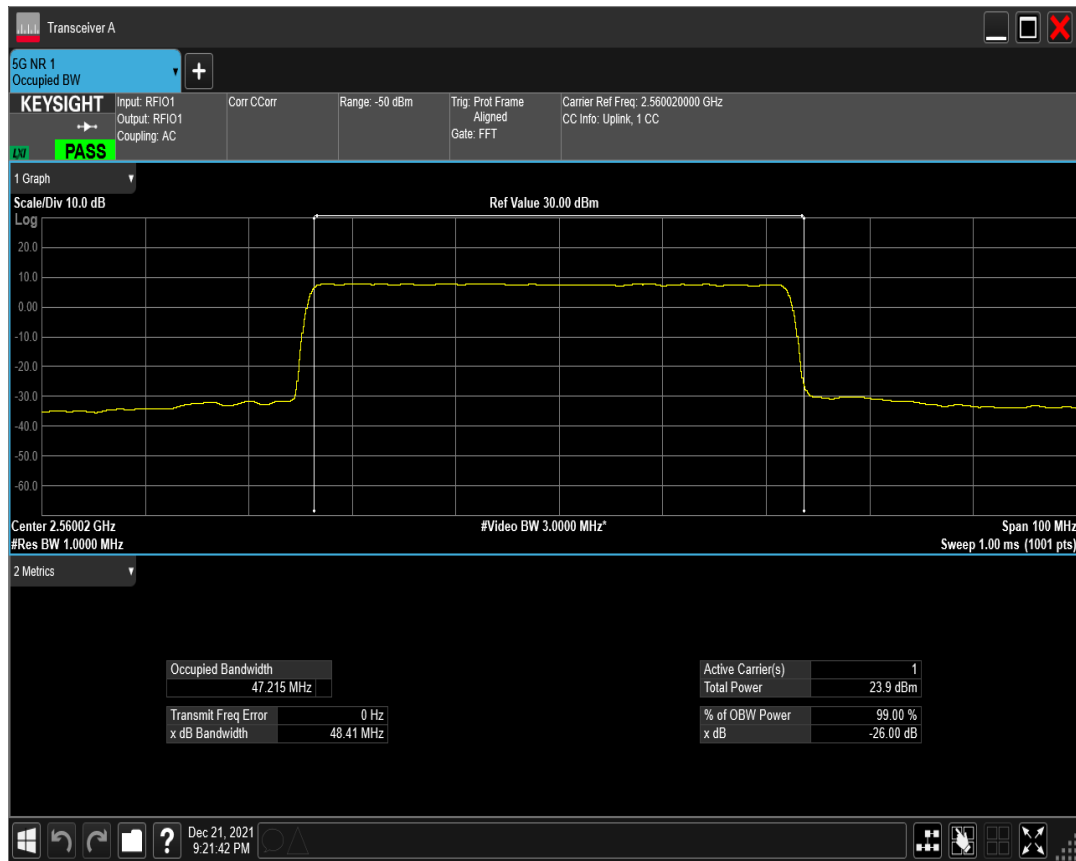
n41(2535-2655) SCS=30kHz DFT\_BPSK BW=50MHz Channel=512004 RB=128@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=50MHz Channel=512004 RB=128@0



n41(2535-2655) SCS=30kHz DFT\_QAM16 BW=50MHz Channel=512004 RB=128@0



n41(2535-2655) SCS=30kHz DFT\_QAM64 BW=50MHz Channel=512004 RB=128@0



n41(2535-2655) SCS=30kHz DFT\_QAM256 BW=50MHz Channel=512004 RB=128@0



n41(2535-2655) SCS=30kHz CP\_QPSK BW=50MHz Channel=512004 RB=133@0



n41(2535-2655) SCS=30kHz DFT\_BPSK BW=50MHz Channel=519000 RB=128@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=50MHz Channel=519000 RB=128@0



n41(2535-2655) SCS=30kHz DFT\_QAM16 BW=50MHz Channel=519000 RB=128@0



n41(2535-2655) SCS=30kHz DFT\_QAM64 BW=50MHz Channel=519000 RB=128@0



n41(2535-2655) SCS=30kHz DFT\_QAM256 BW=50MHz Channel=519000 RB=128@0



n41(2535-2655) SCS=30kHz CP\_QPSK BW=50MHz Channel=519000 RB=133@0



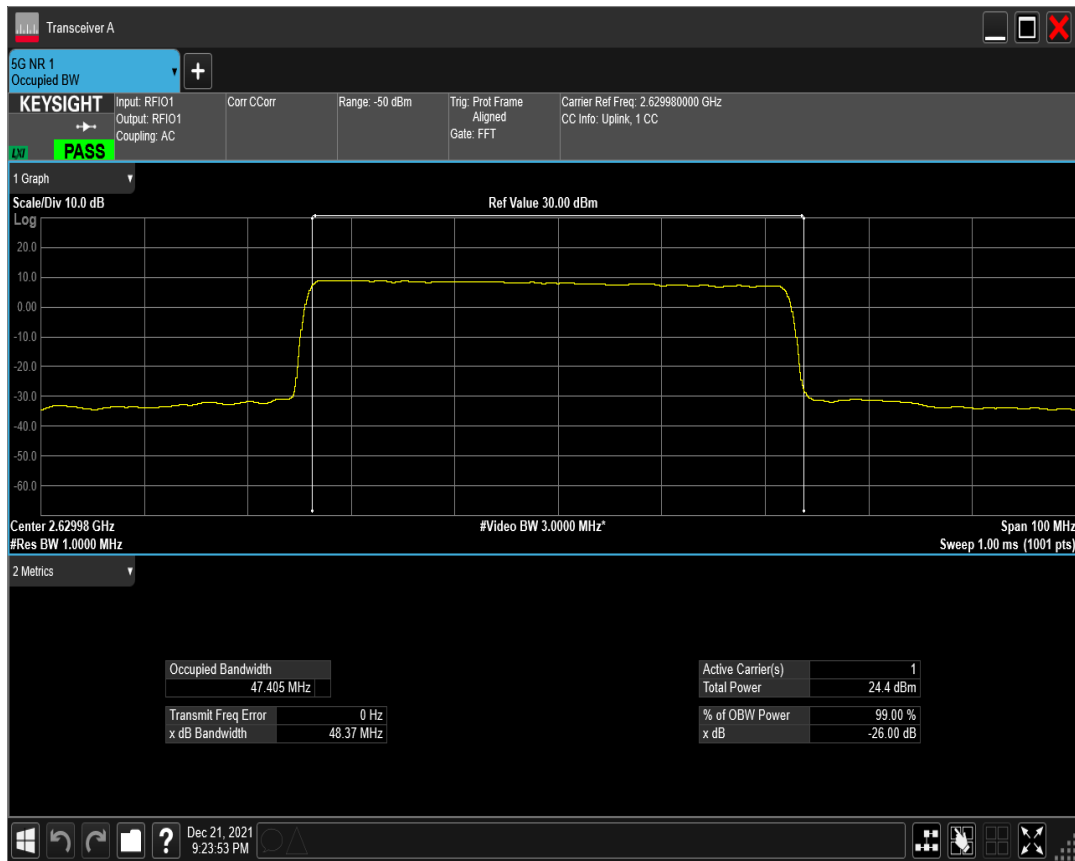
n41(2535-2655) SCS=30kHz DFT\_BPSK BW=50MHz Channel=525996 RB=128@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=50MHz Channel=525996 RB=128@0



n41(2535-2655) SCS=30kHz DFT\_QAM16 BW=50MHz Channel=525996 RB=128@0



n41(2535-2655) SCS=30kHz DFT\_QAM64 BW=50MHz Channel=525996 RB=128@0



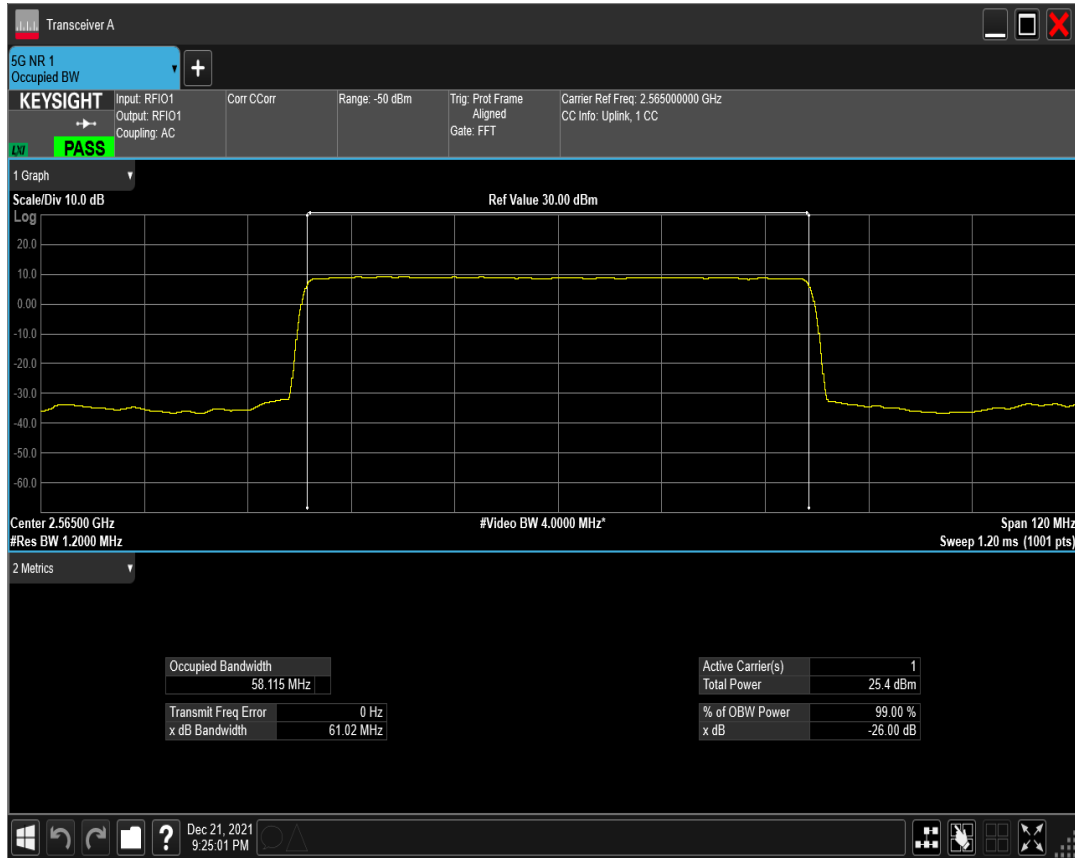
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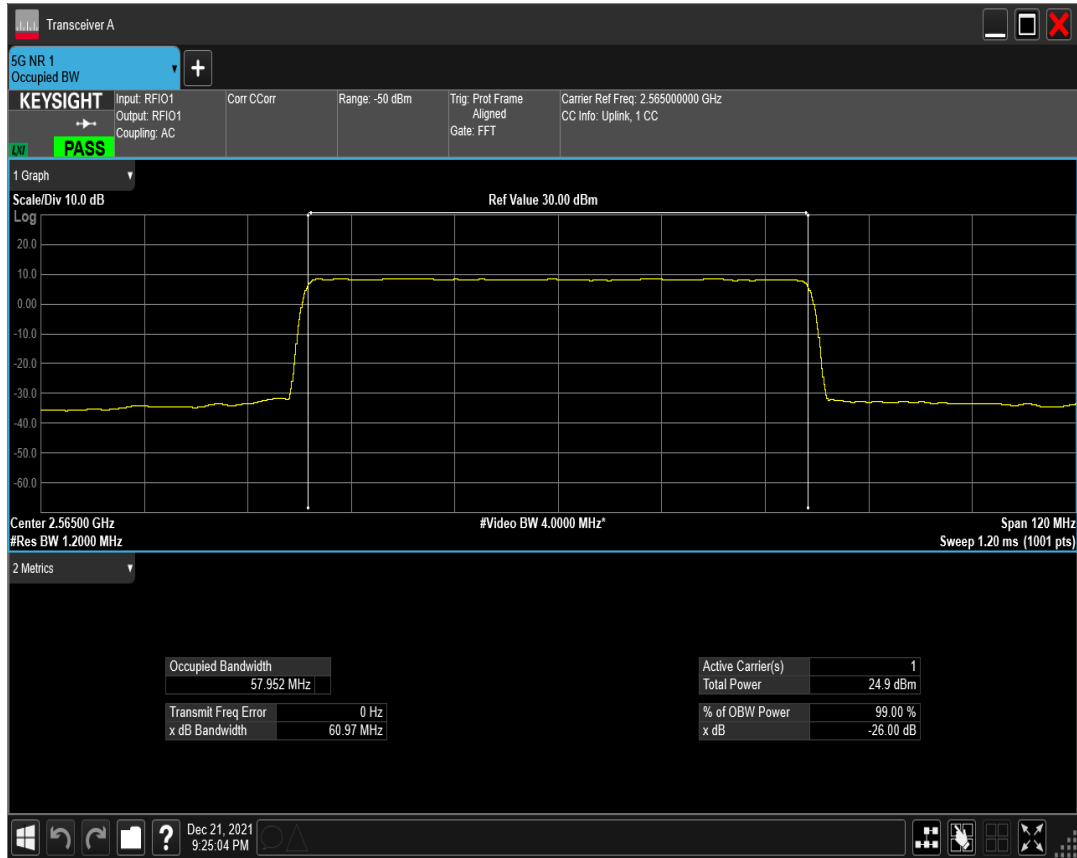
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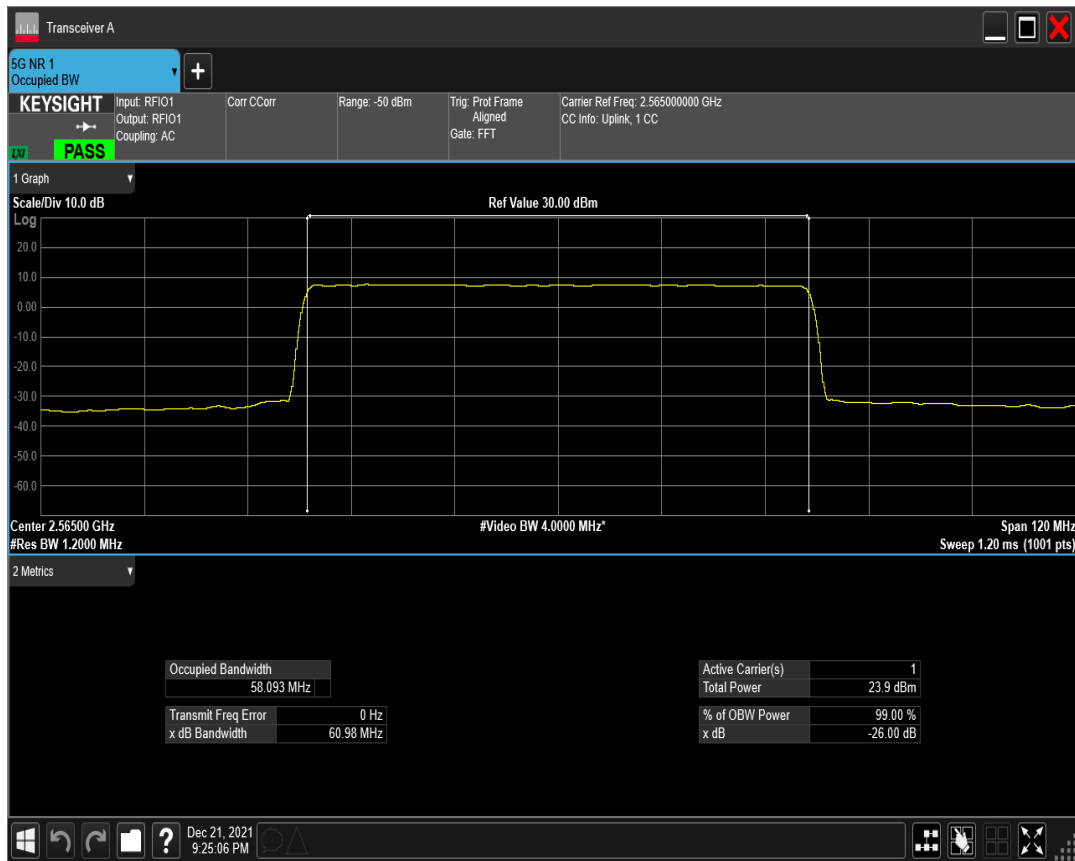
n41(2535-2655) SCS=30kHz DFT\_BPSK BW=60MHz Channel=513000 RB=162@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=60MHz Channel=513000 RB=162@0



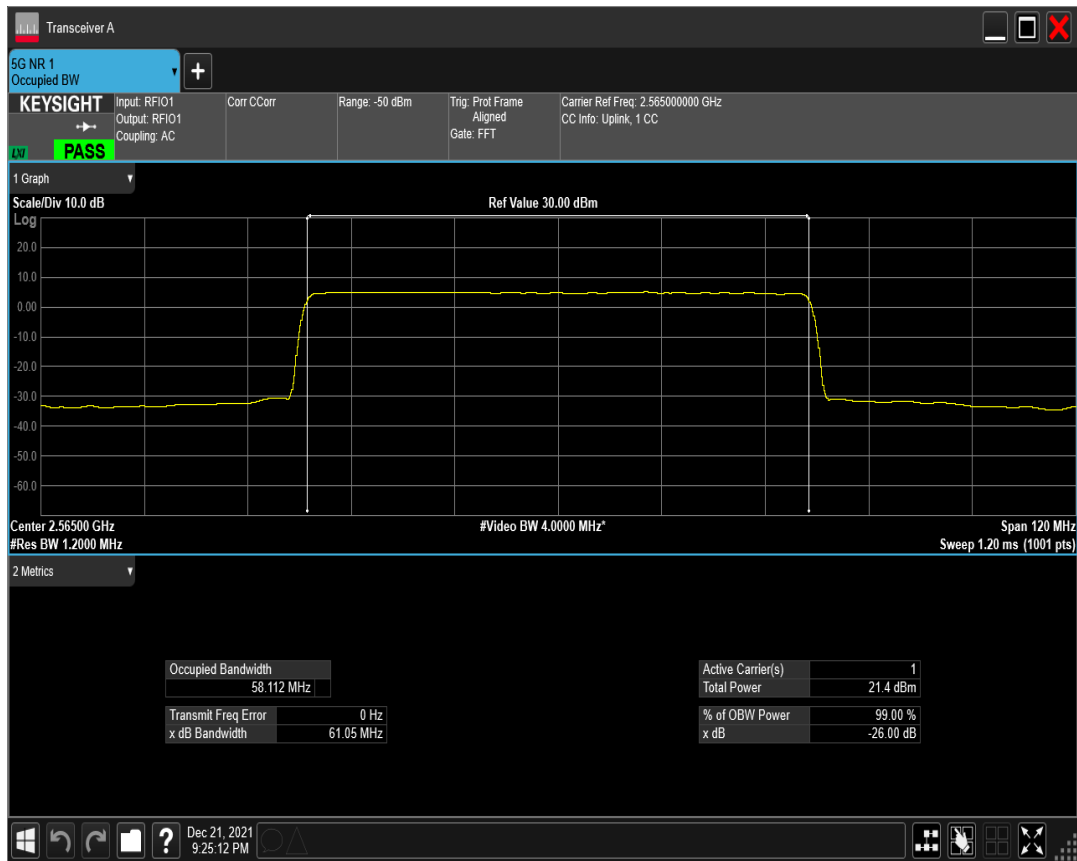
n41(2535-2655) SCS=30kHz DFT\_QAM16 BW=60MHz Channel=513000 RB=162@0



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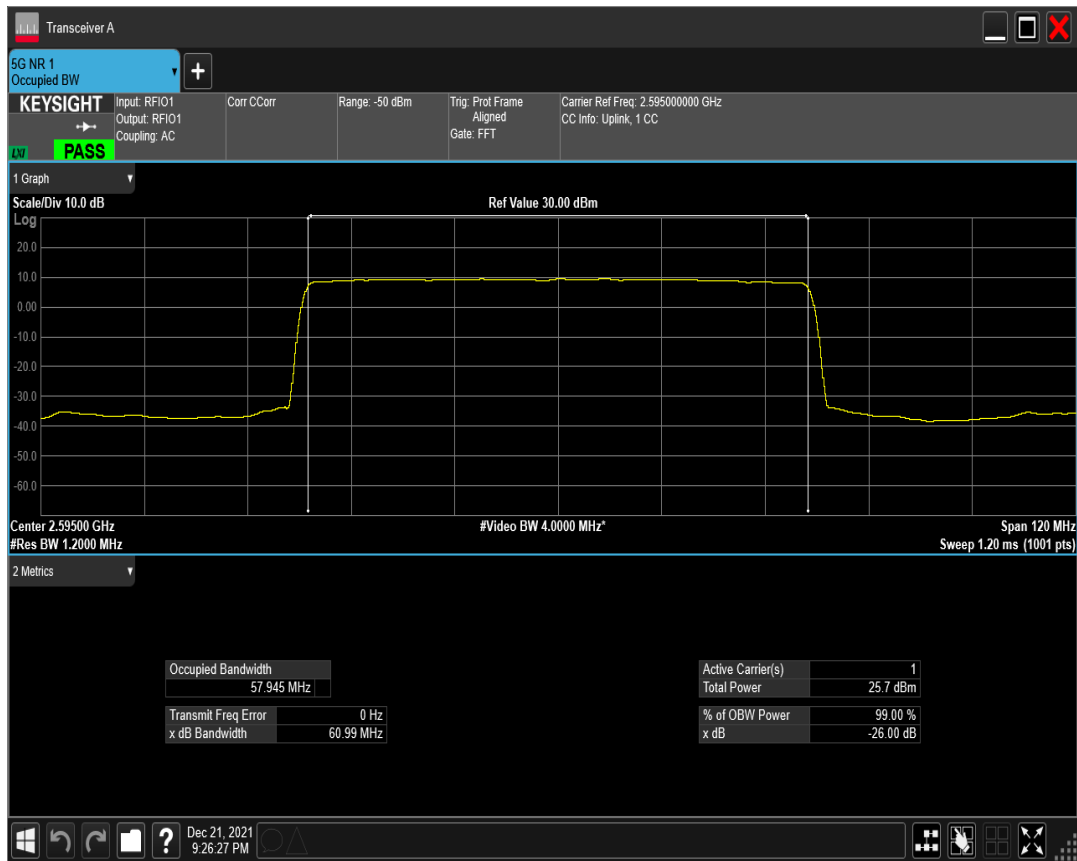
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n41(2535-2655) SCS=30kHz CP\_QPSK BW=60MHz Channel=513000 RB=162@0



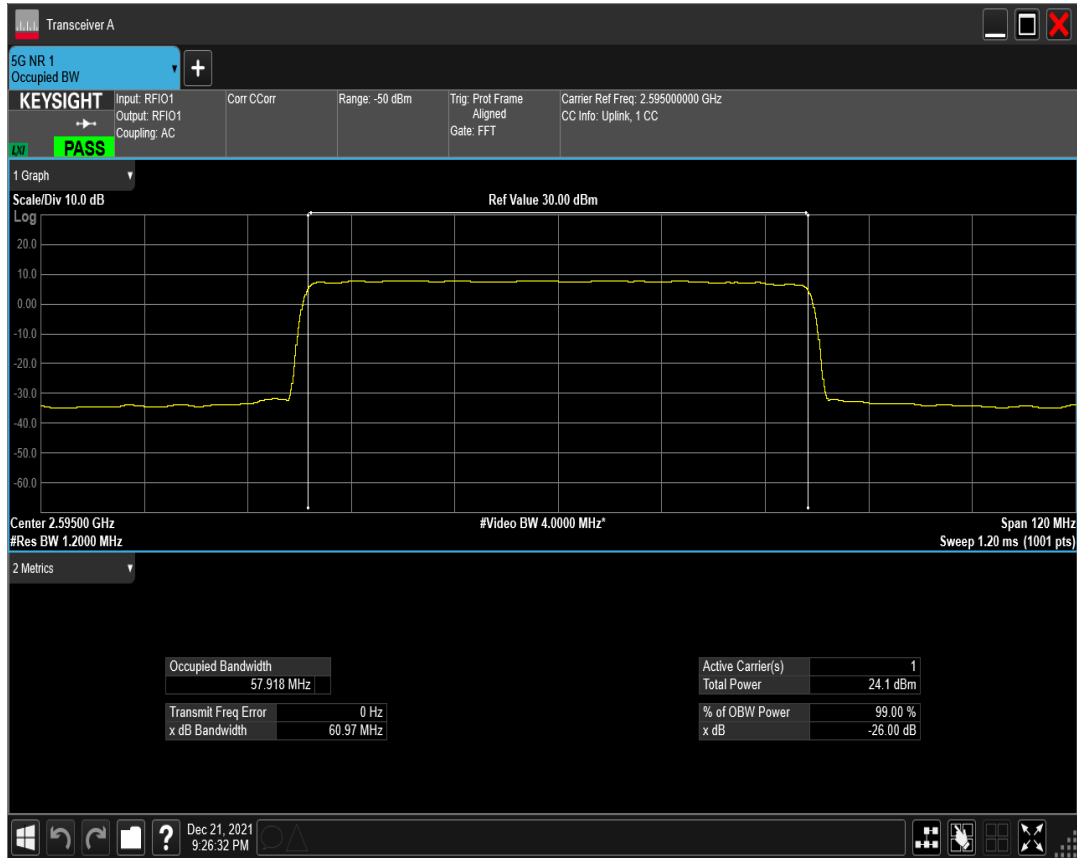
n41(2535-2655) SCS=30kHz DFT\_BPSK BW=60MHz Channel=519000 RB=162@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=60MHz Channel=519000 RB=162@0



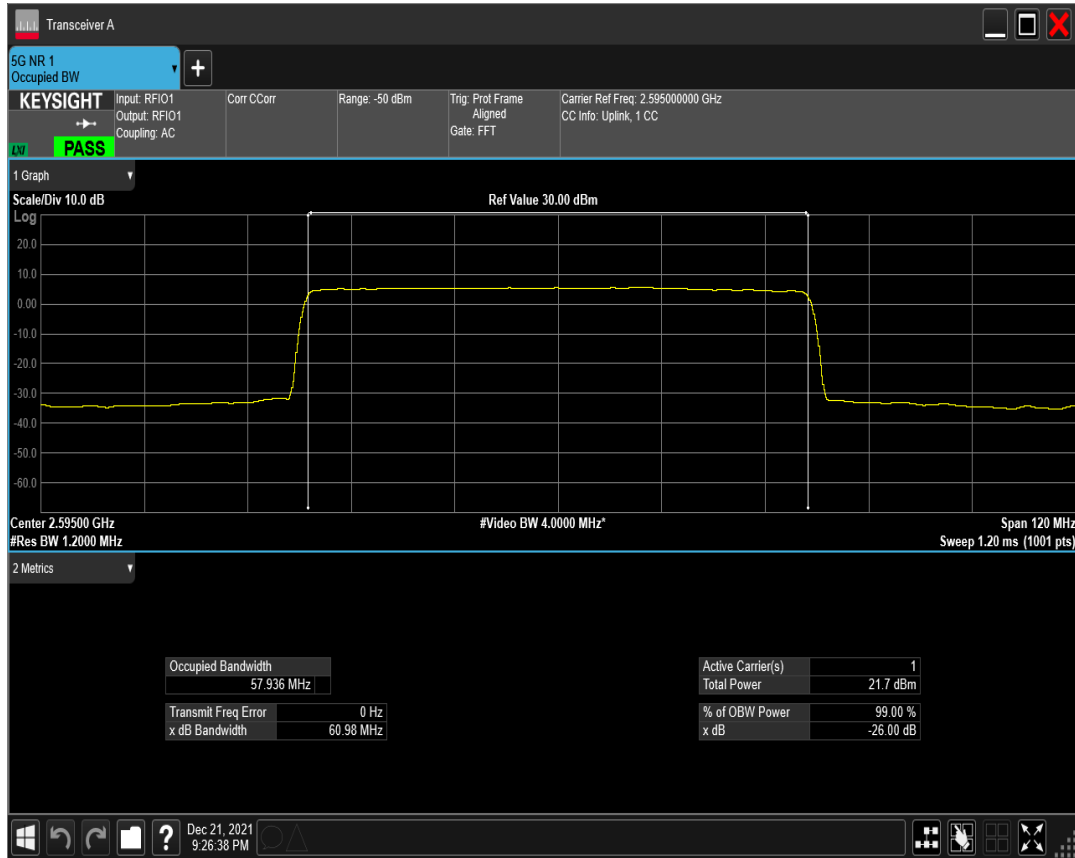
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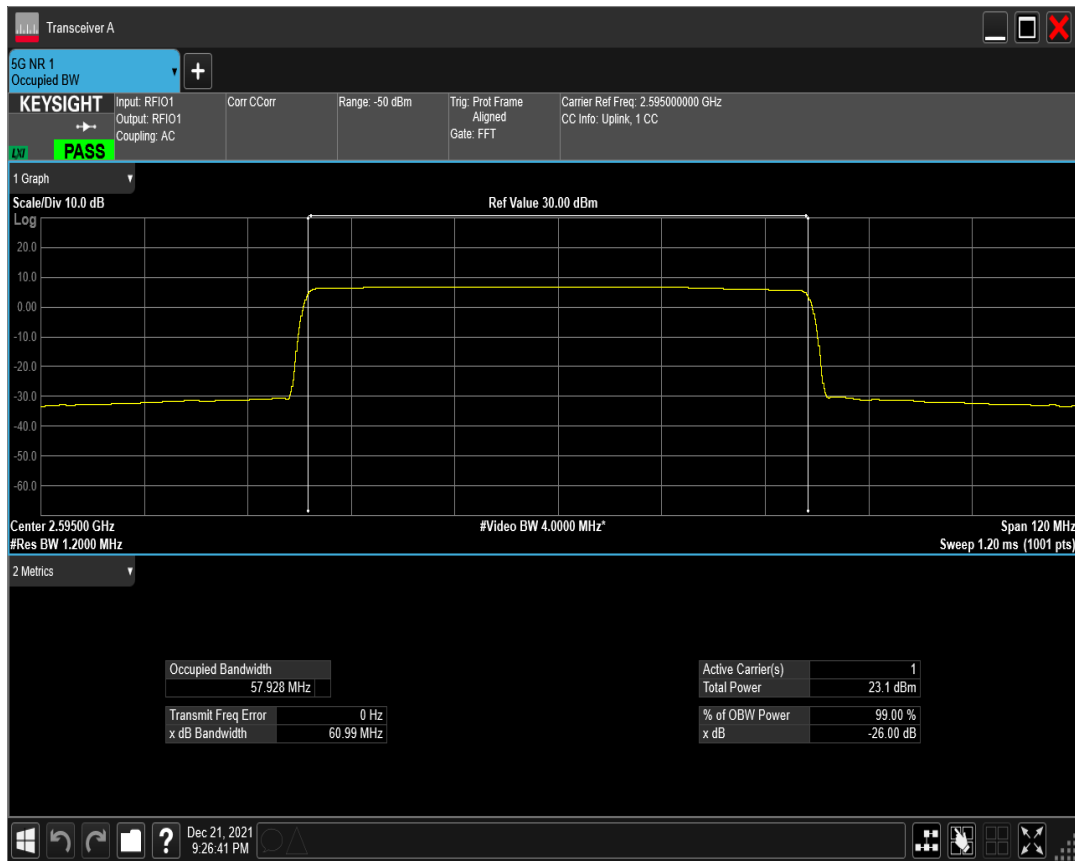
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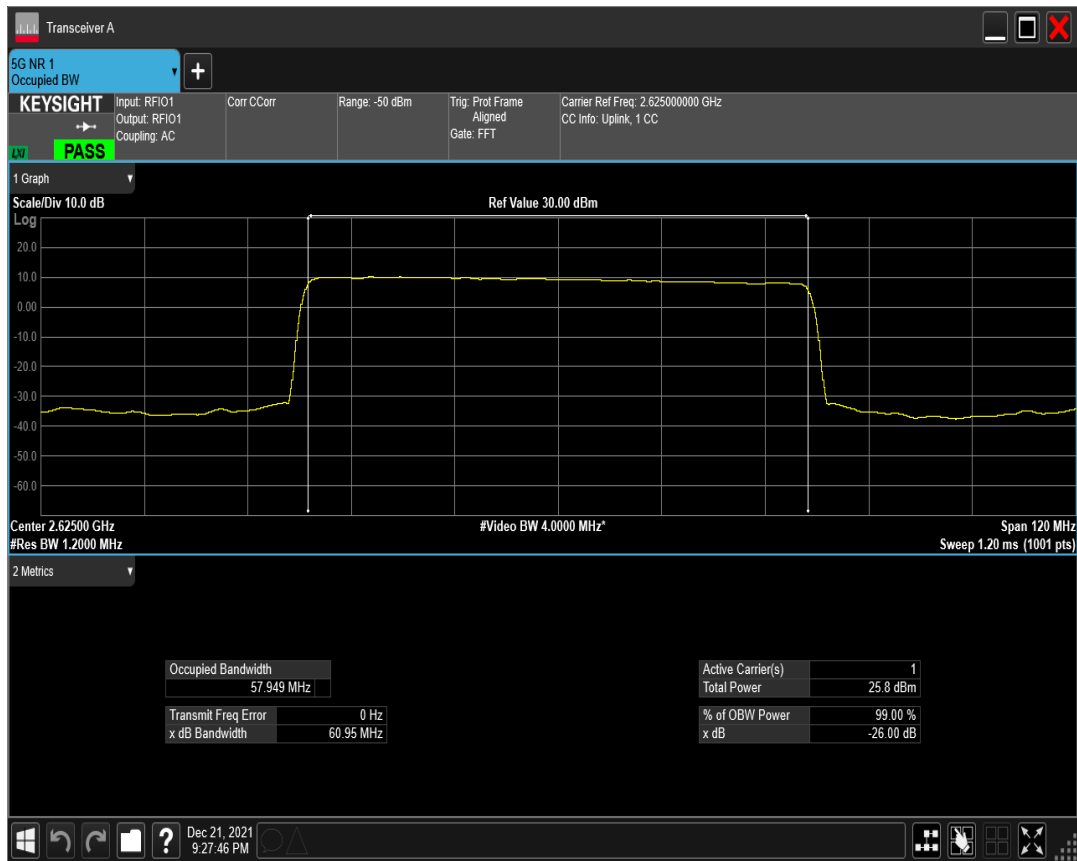
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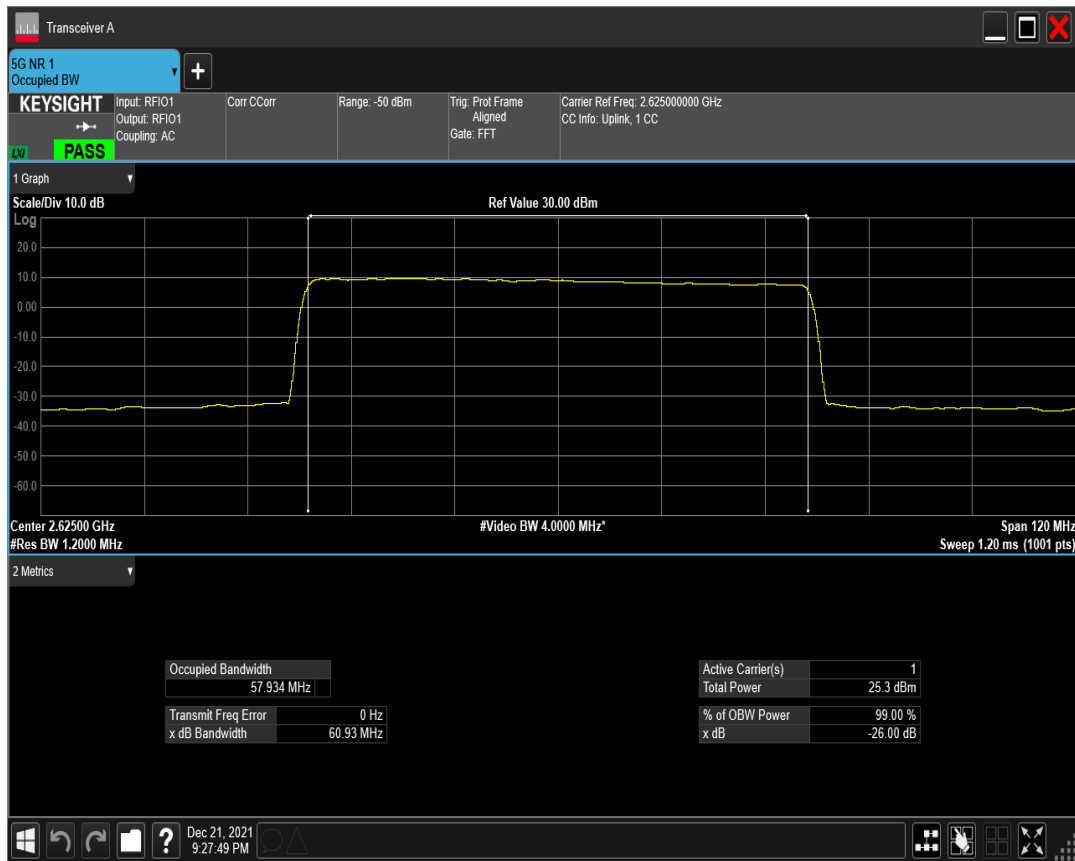
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n41(2535-2655) SCS=30kHz DFT\_BPSK BW=60MHz Channel=525000 RB=162@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=60MHz Channel=525000 RB=162@0



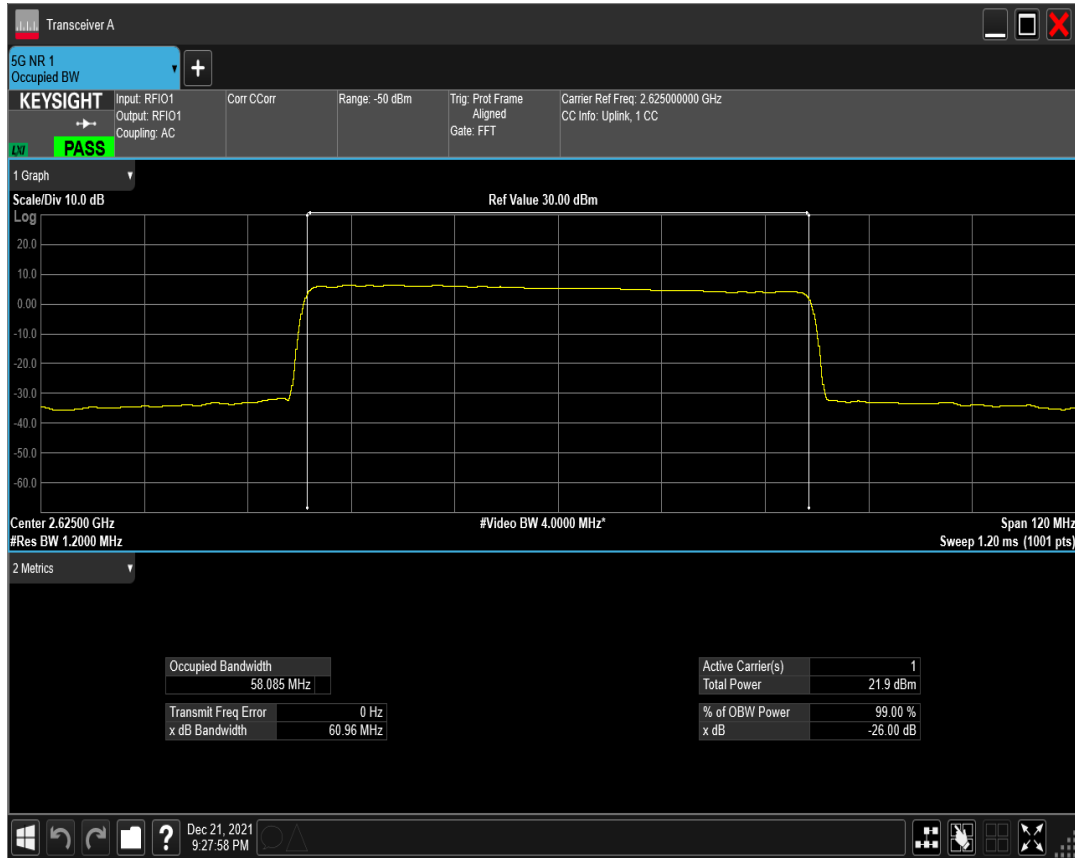
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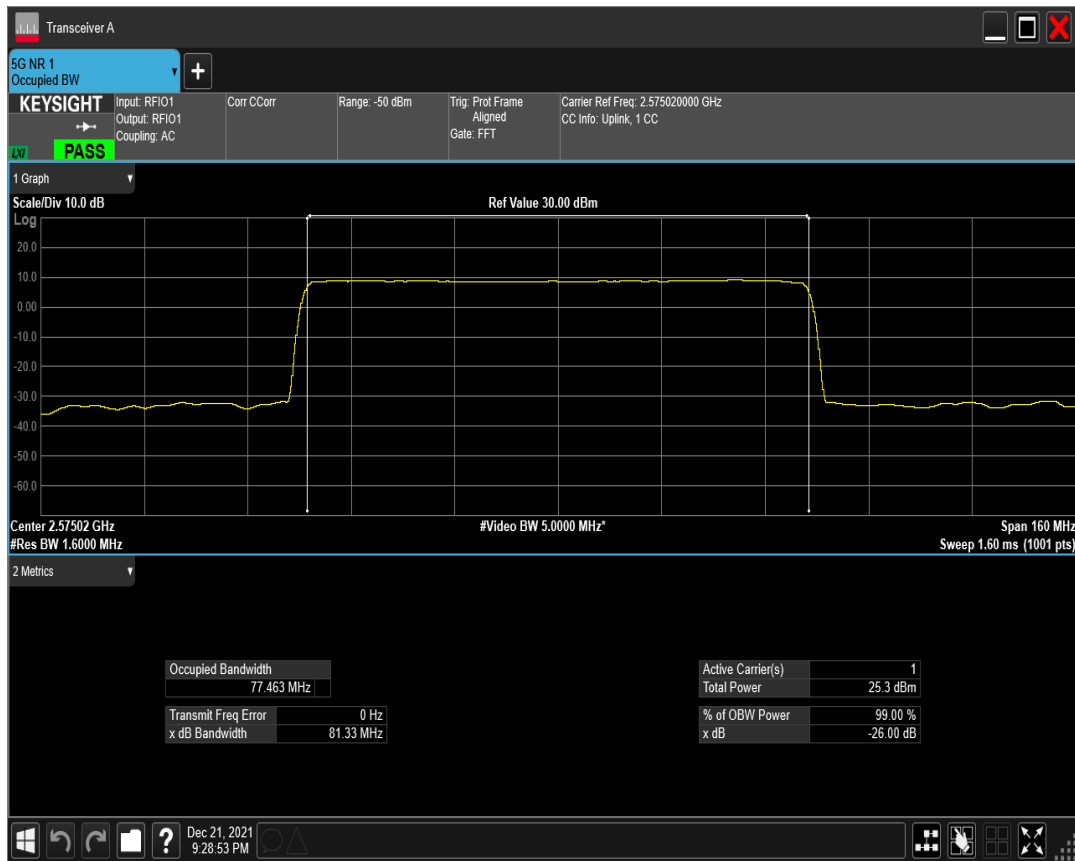
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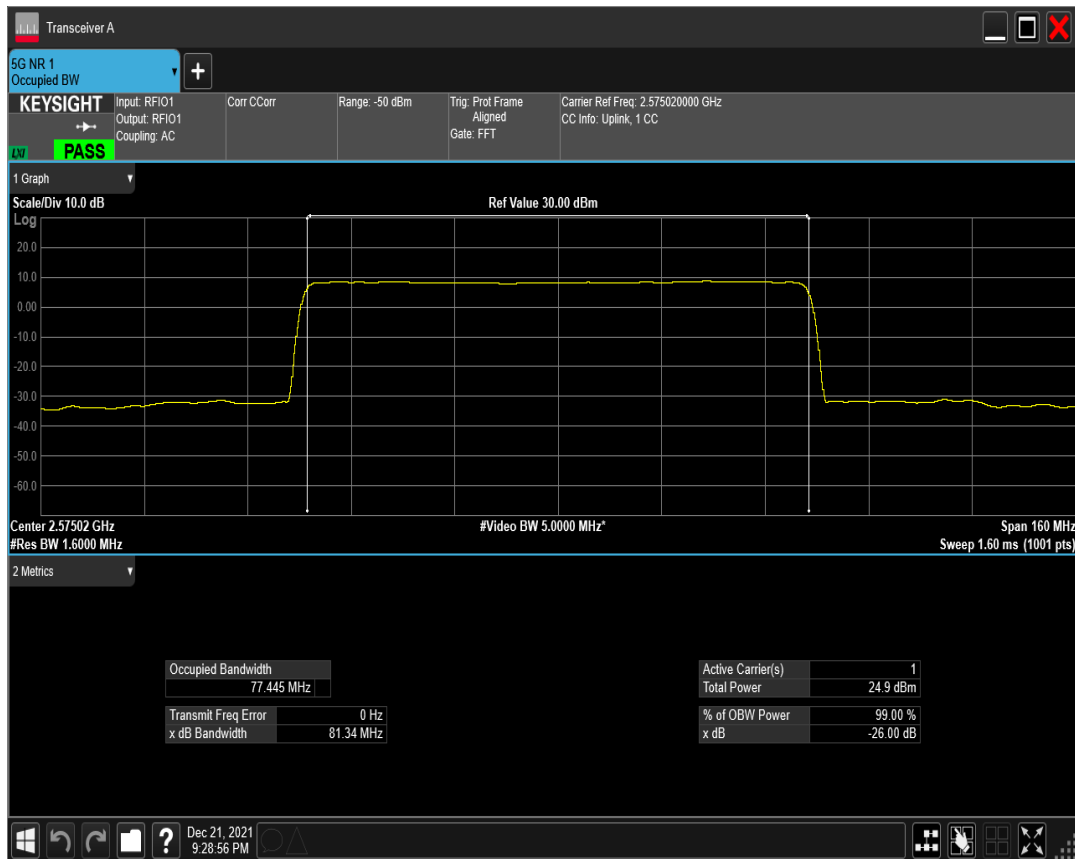
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n41(2535-2655) SCS=30kHz DFT\_BPSK BW=80MHz Channel=515004 RB=216@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=80MHz Channel=515004 RB=216@0



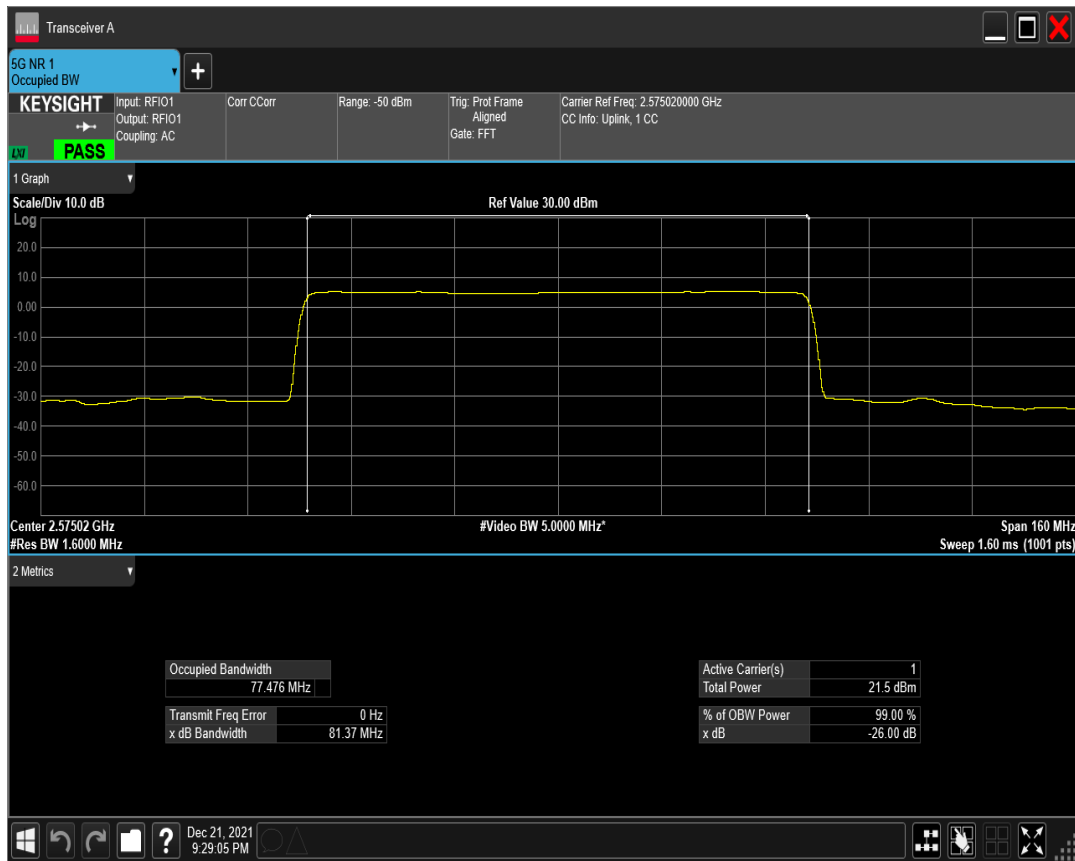
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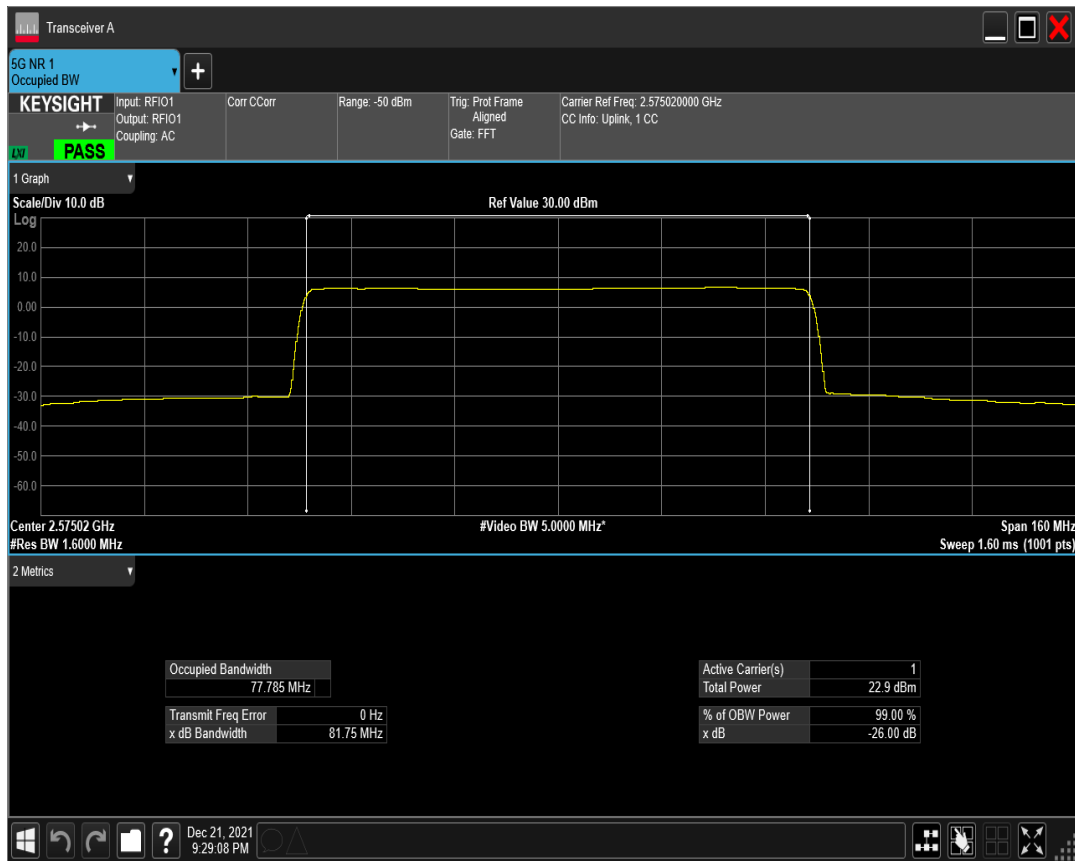
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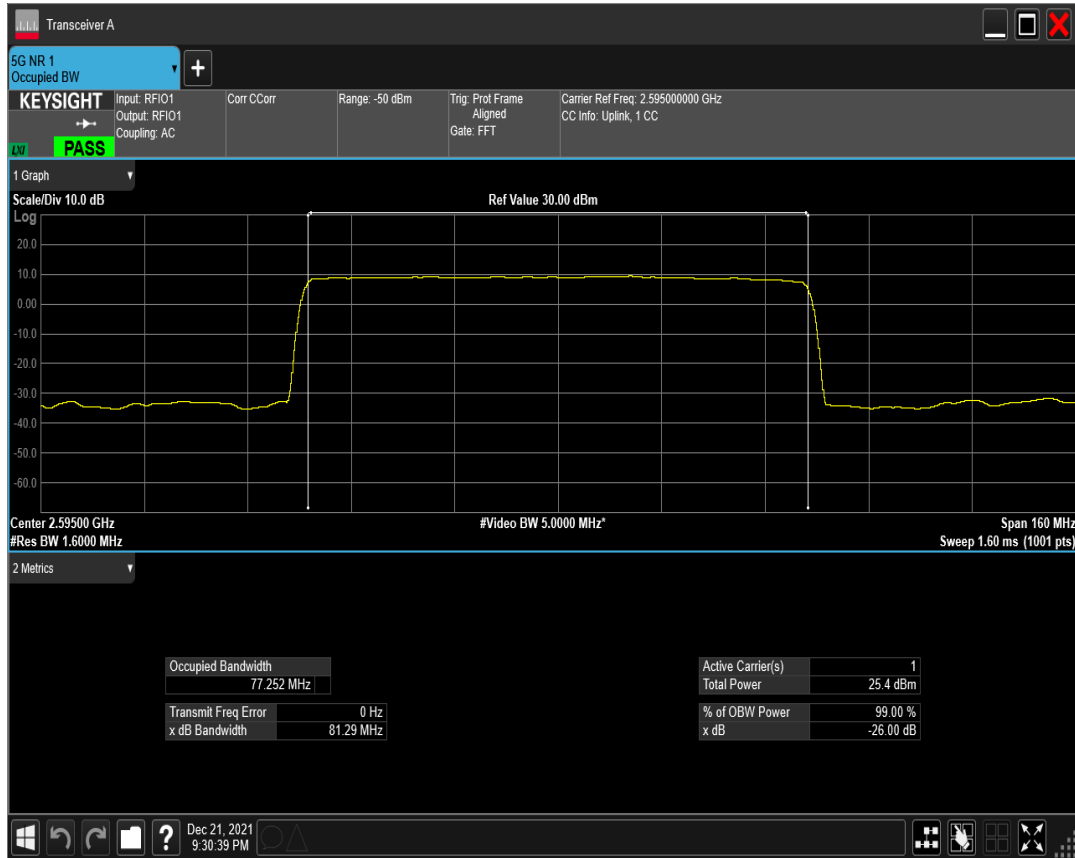
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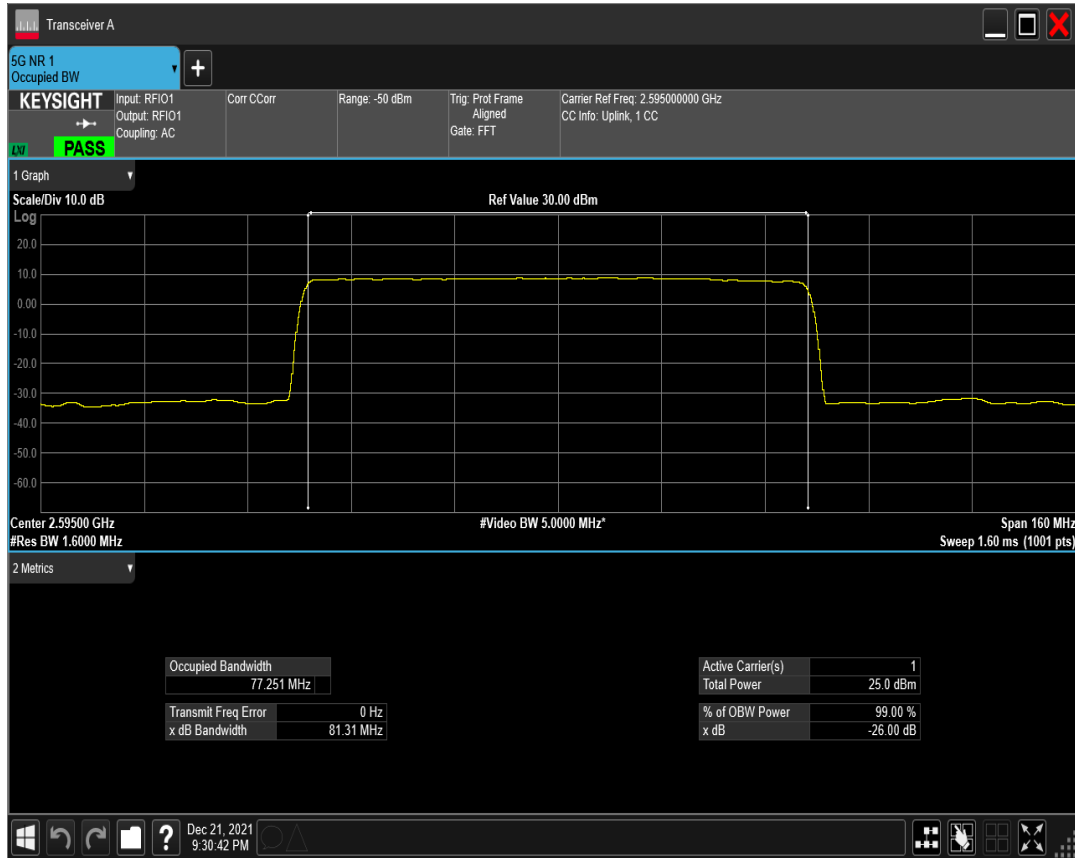
n41(2535-2655) SCS=30kHz CP\_QPSK BW=80MHz Channel=515004 RB=217@0



n41(2535-2655) SCS=30kHz DFT\_BPSK BW=80MHz Channel=519000 RB=216@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=80MHz Channel=519000 RB=216@0



n41(2535-2655) SCS=30kHz DFT\_QAM16 BW=80MHz Channel=519000 RB=216@0



n41(2535-2655) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=519000 RB=216@0



n41(2535-2655) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=519000 RB=216@0



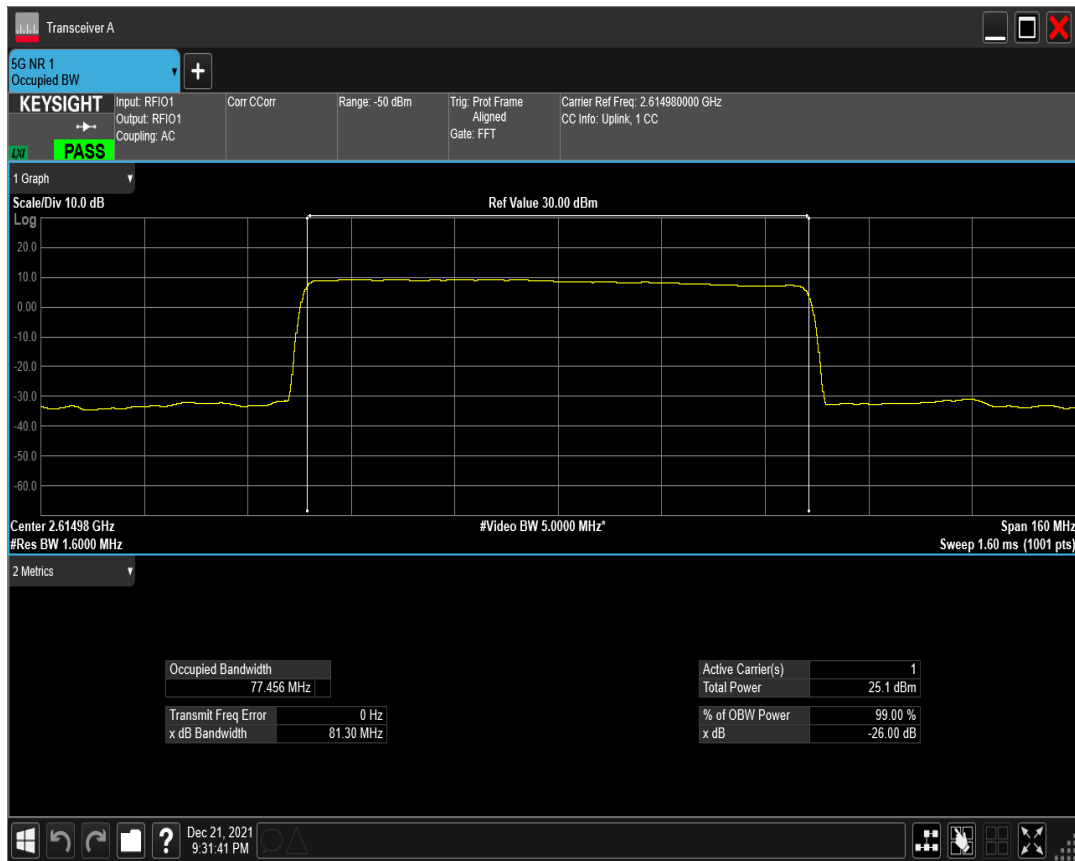
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n41(2535-2655) SCS=30kHz DFT\_BPSK BW=80MHz Channel=522996 RB=216@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=80MHz Channel=522996 RB=216@0



n41(2535-2655) SCS=30kHz DFT\_QAM16 BW=80MHz Channel=522996 RB=216@0



n41(2535-2655) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=522996 RB=216@0



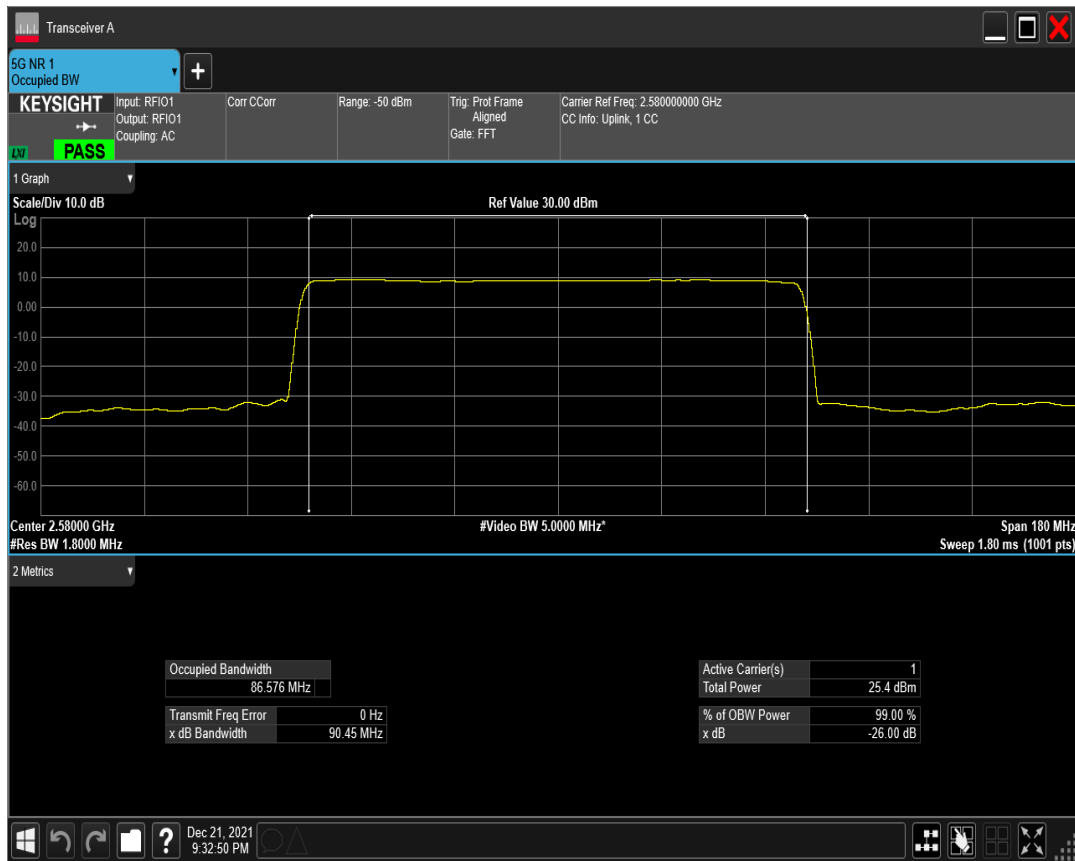
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n41(2535-2655) SCS=30kHz CP\_QPSK BW=80MHz Channel=522996 RB=217@0



n41(2535-2655) SCS=30kHz DFT\_BPSK BW=90MHz Channel=516000 RB=240@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=90MHz Channel=516000 RB=240@0



n41(2535-2655) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=516000 RB=240@0



n41(2535-2655) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=516000 RB=240@0



n41(2535-2655) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=516000 RB=240@0



n41(2535-2655) SCS=30kHz CP\_QPSK BW=90MHz Channel=516000 RB=245@0



n41(2535-2655) SCS=30kHz DFT\_BPSK BW=90MHz Channel=519000 RB=240@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=90MHz Channel=519000 RB=240@0



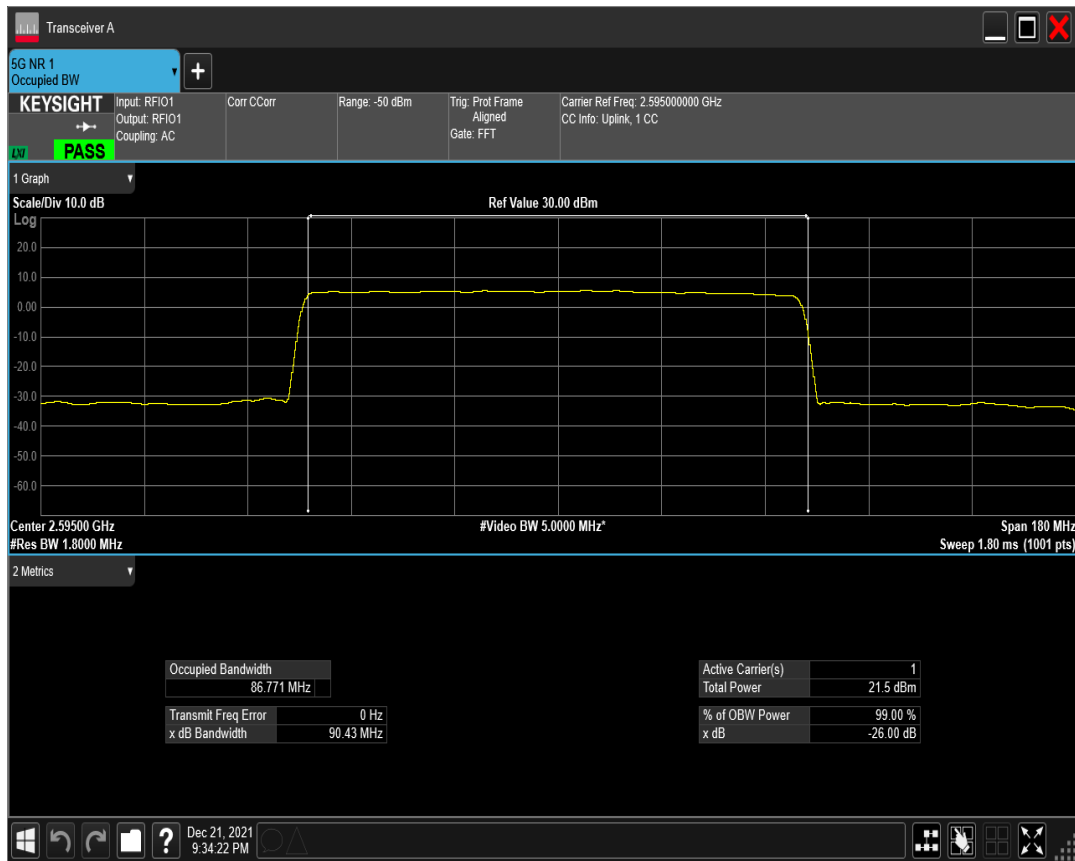
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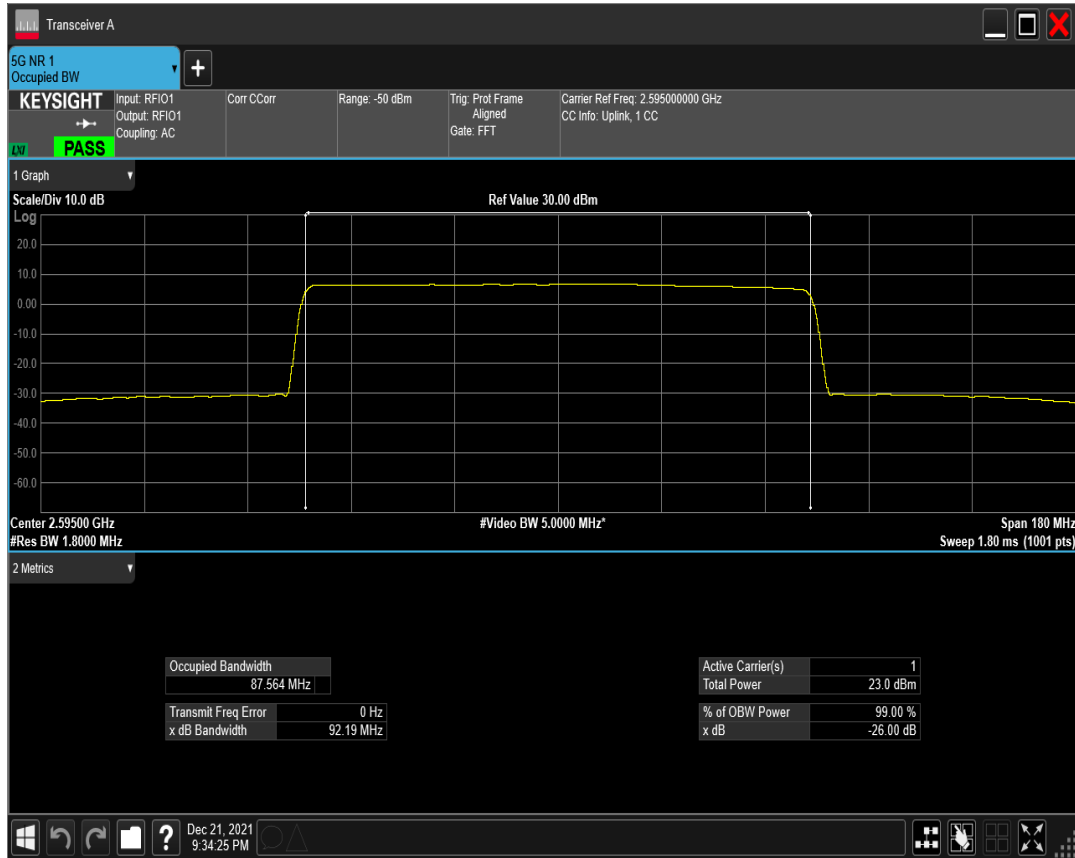
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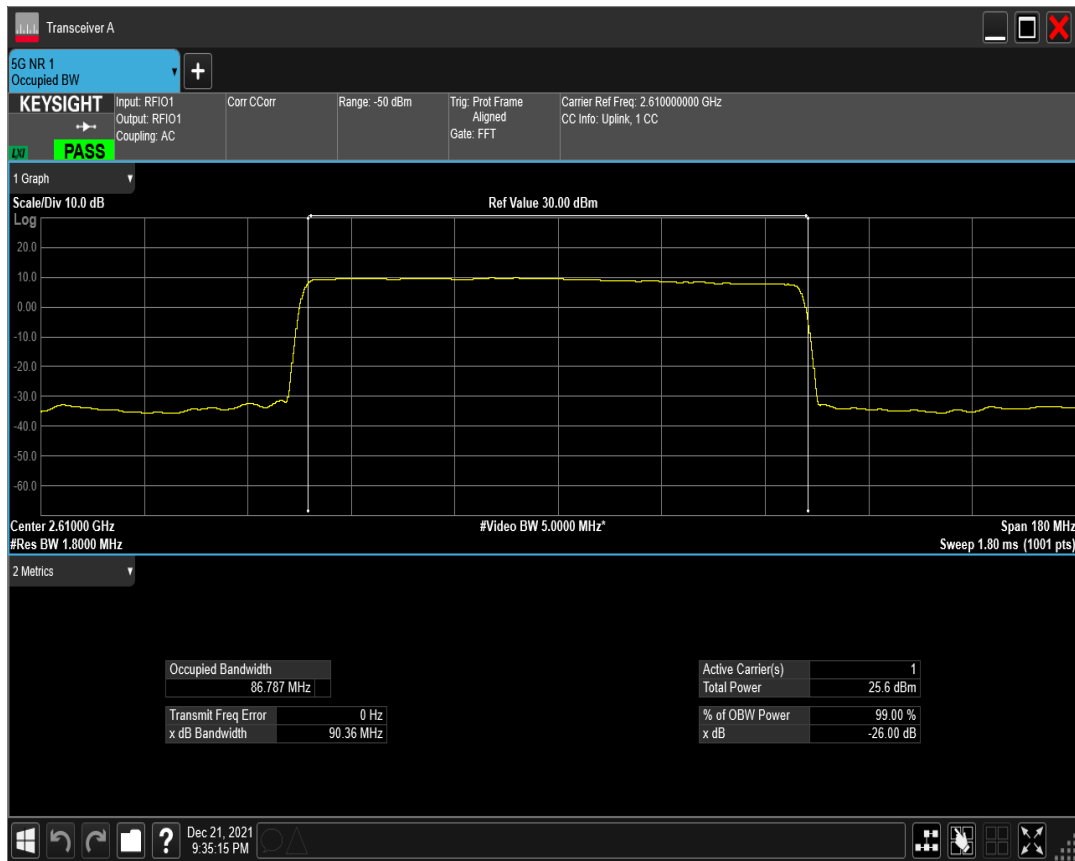
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n41(2535-2655) SCS=30kHz CP\_QPSK BW=90MHz Channel=519000 RB=245@0



n41(2535-2655) SCS=30kHz DFT\_BPSK BW=90MHz Channel=522000 RB=240@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=90MHz Channel=522000 RB=240@0



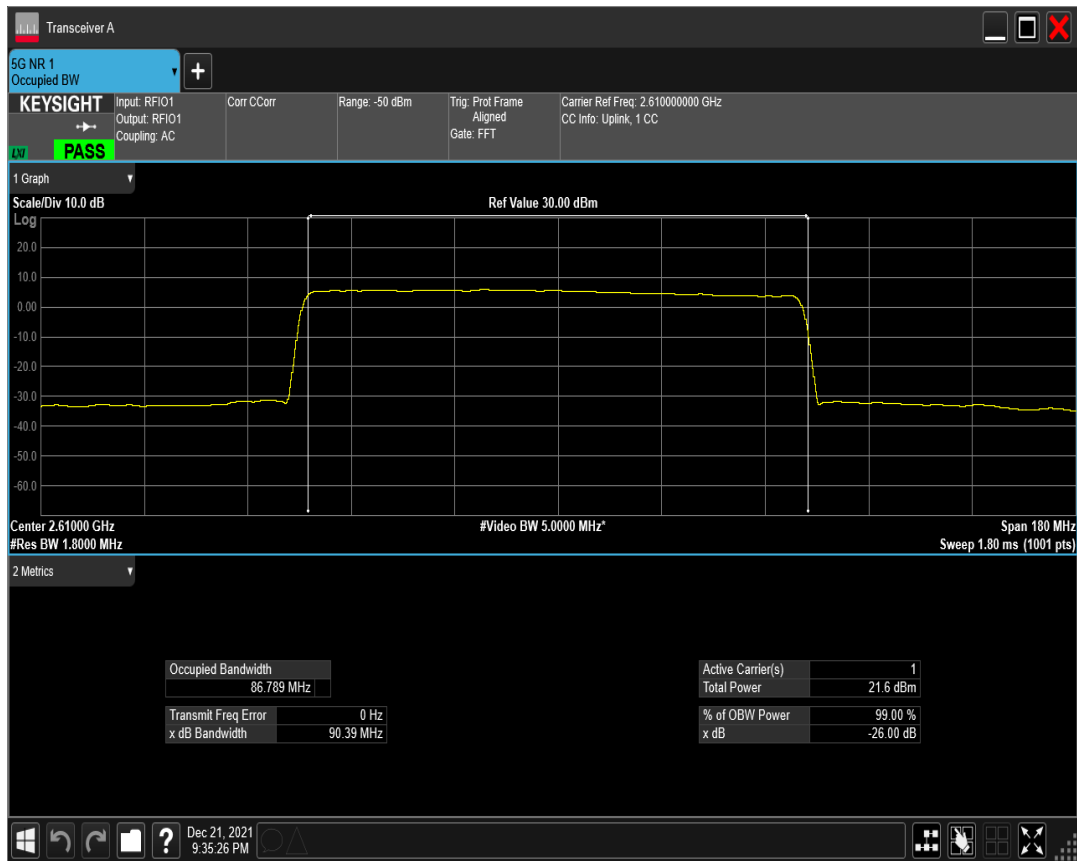
n41(2535-2655) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=522000 RB=240@0



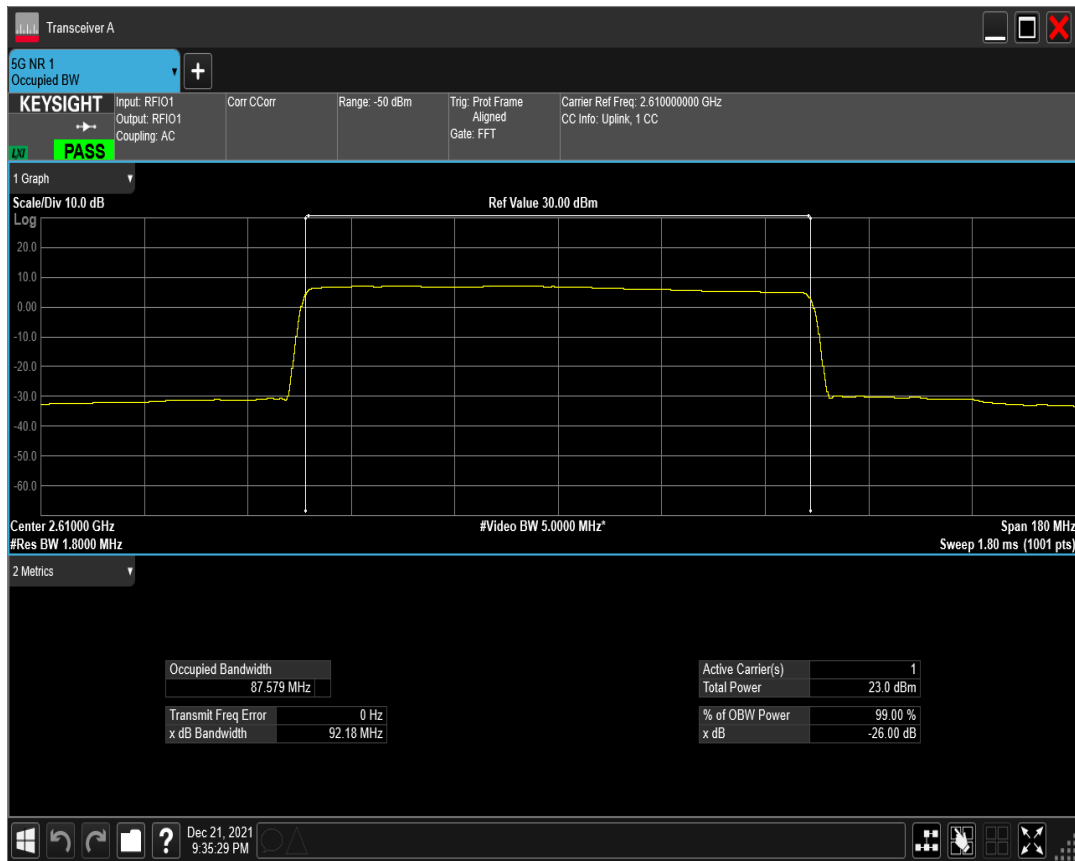
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n41(2535-2655) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=522000 RB=240@0



n41(2535-2655) SCS=30kHz CP\_QPSK BW=90MHz Channel=522000 RB=245@0



n41(2535-2655) SCS=30kHz DFT\_BPSK BW=100MHz Channel=517002 RB=270@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=100MHz Channel=517002 RB=270@0



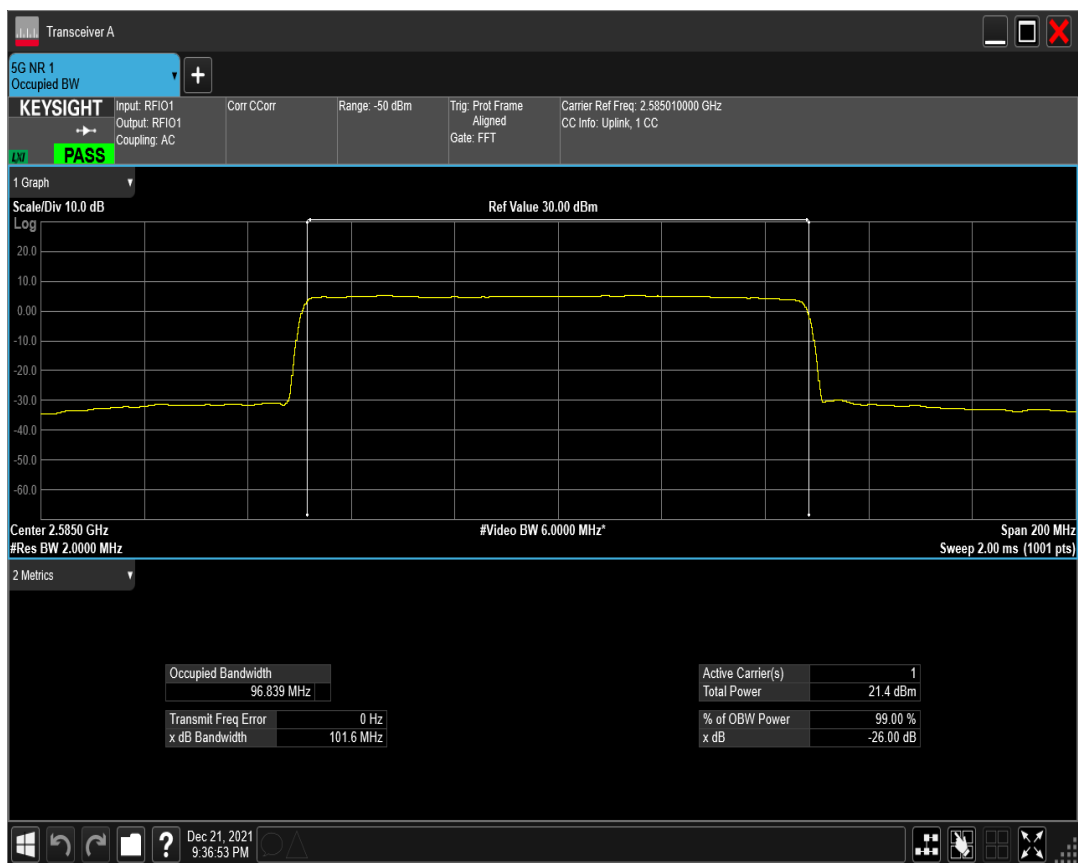
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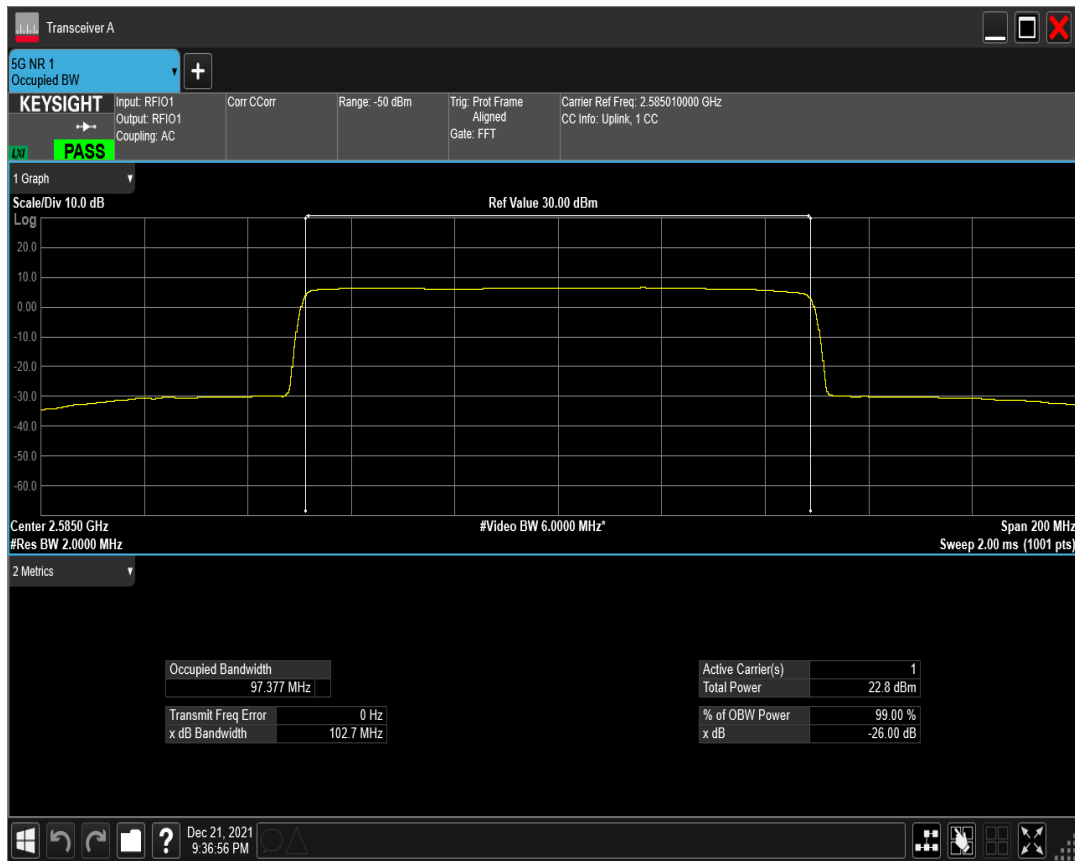
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n41(2535-2655) SCS=30kHz DFT\_QAM256 BW=100MHz Channel=517002 RB=270@0



n41(2535-2655) SCS=30kHz CP\_QPSK BW=100MHz Channel=517002 RB=273@0



n41(2535-2655) SCS=30kHz DFT\_BPSK BW=100MHz Channel=519000 RB=270@0



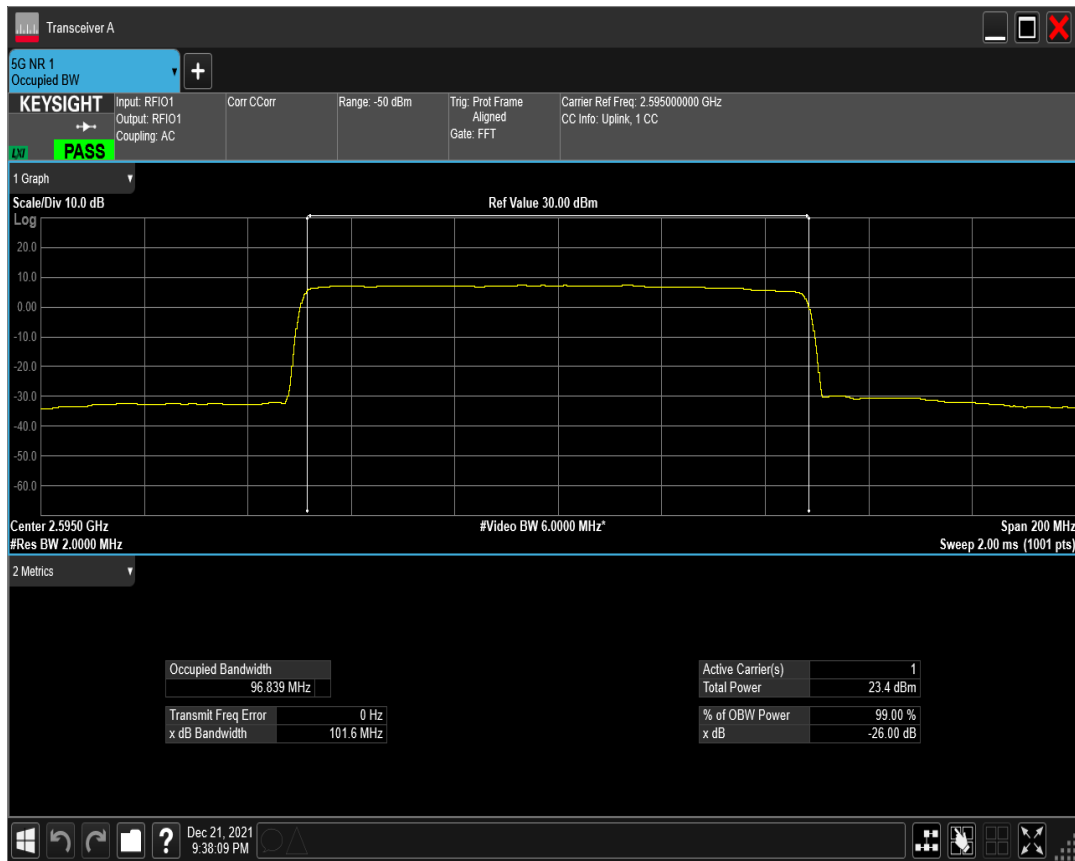
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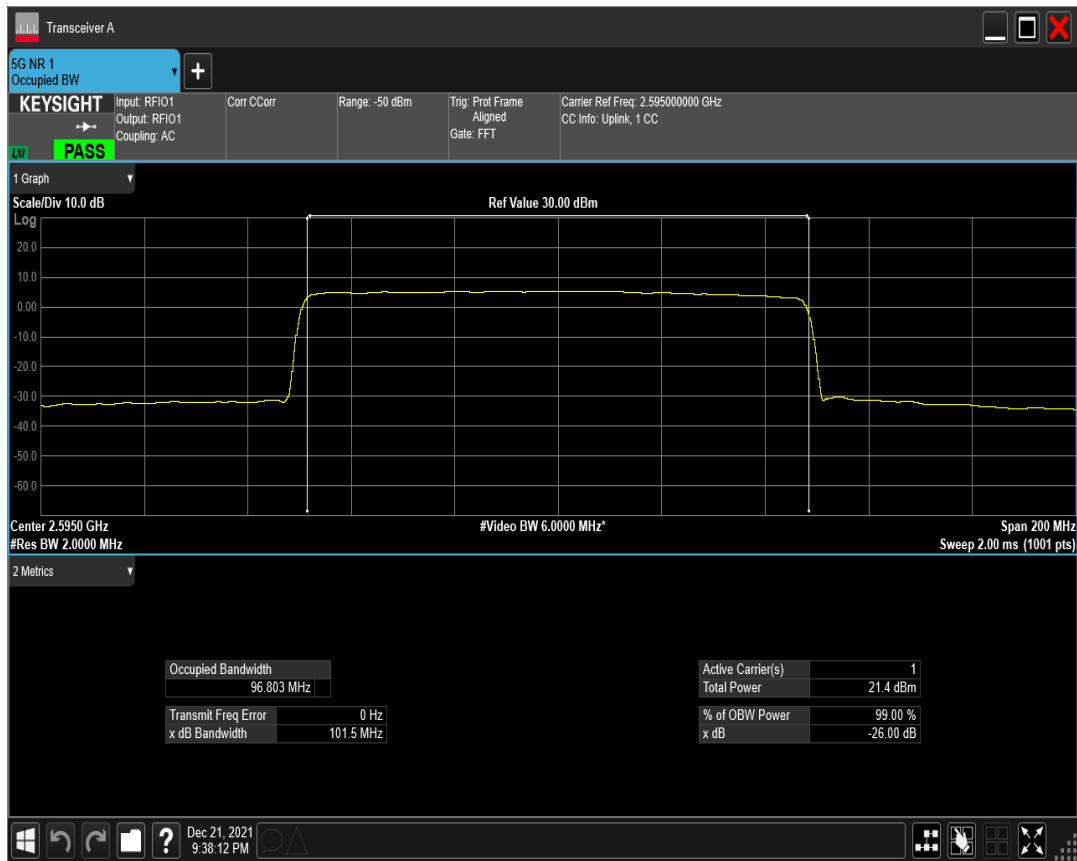
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n41(2535-2655) SCS=30kHz DFT\_QAM64 BW=100MHz Channel=519000 RB=270@0



n41(2535-2655) SCS=30kHz DFT\_QAM256 BW=100MHz Channel=519000 RB=270@0



n41(2535-2655) SCS=30kHz CP\_QPSK BW=100MHz Channel=519000 RB=273@0



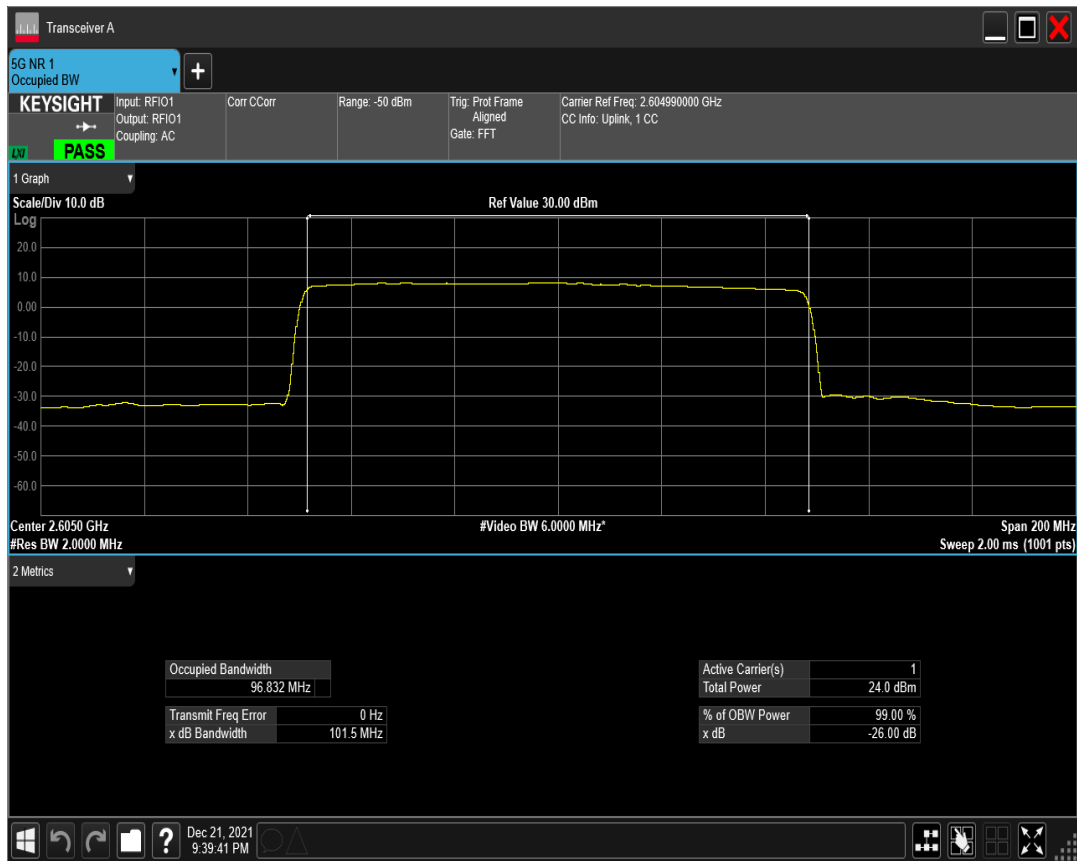
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n41(2535-2655) SCS=30kHz DFT\_QPSK BW=100MHz Channel=520998 RB=270@0



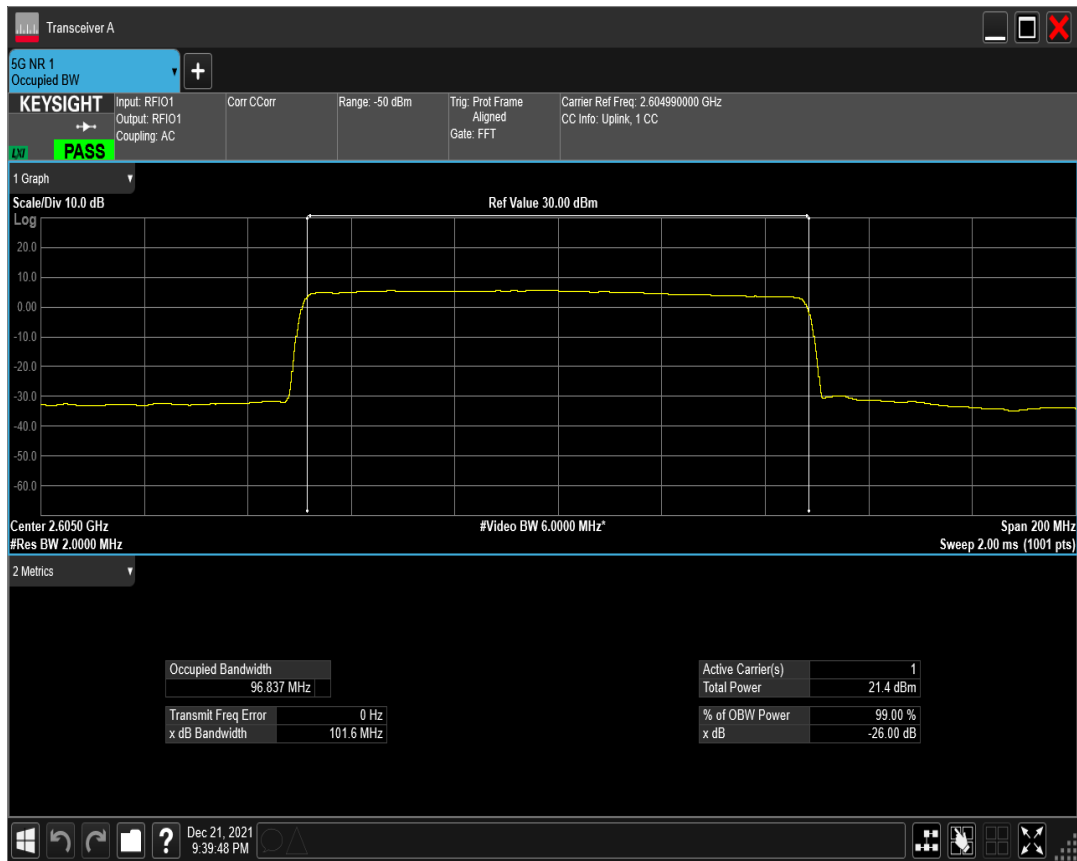
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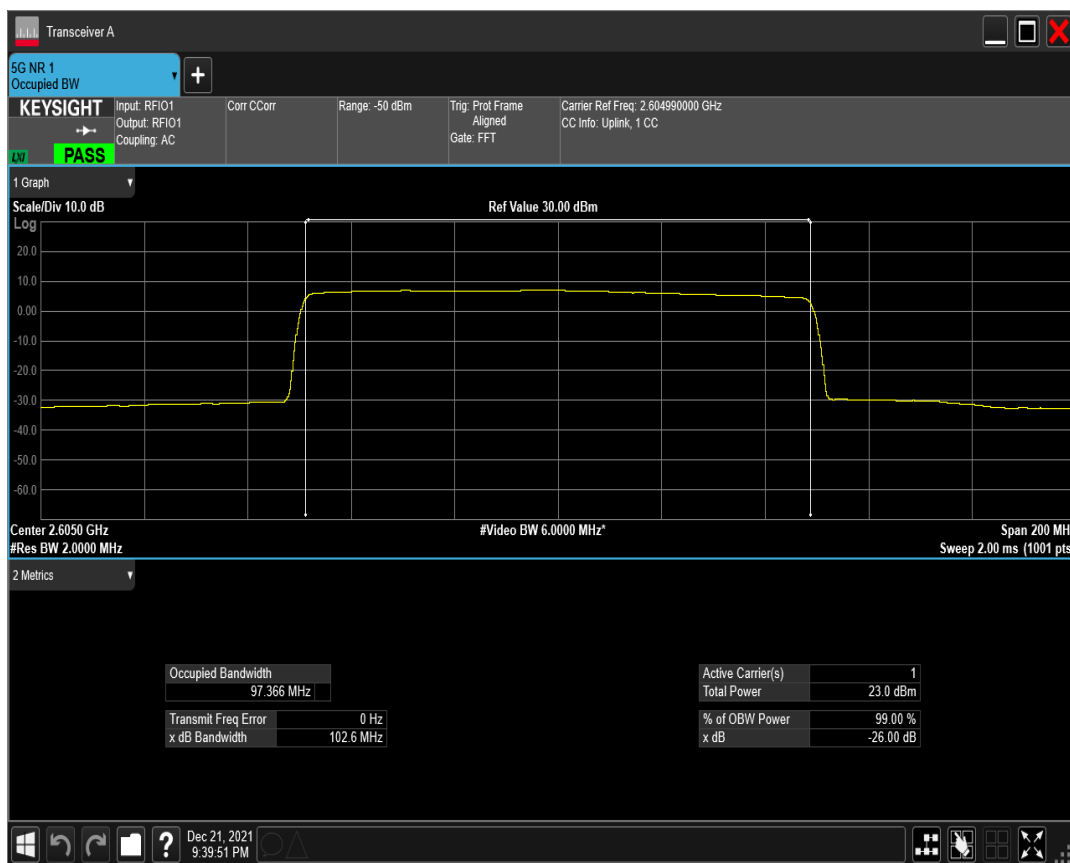
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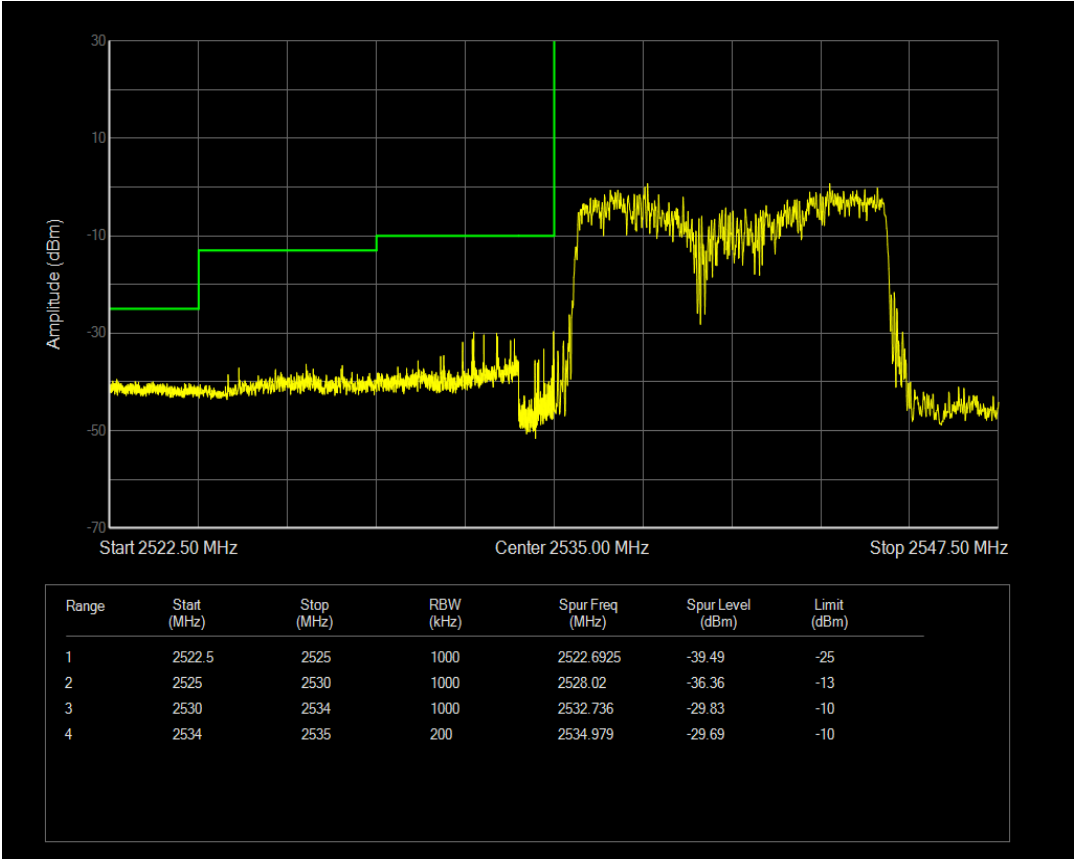
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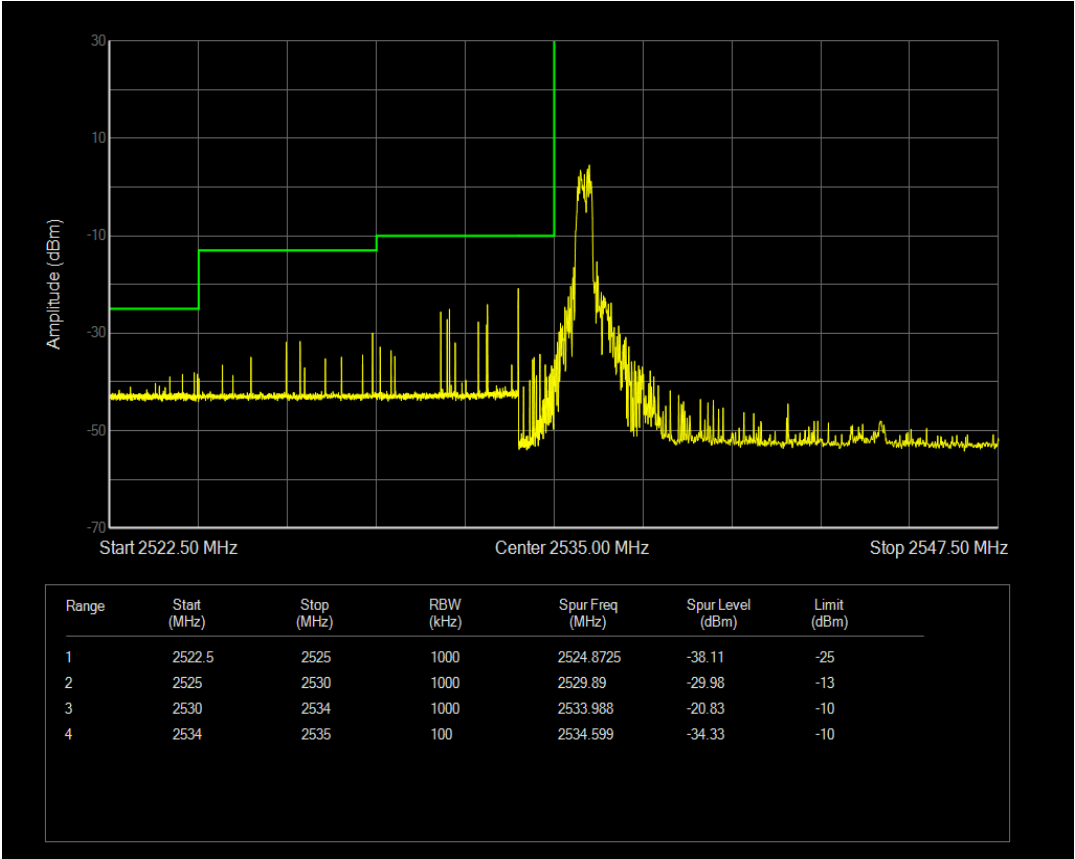
## 5 Band edge for NR FR1

| Band           | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|----------------|-----------|-----------------|------------|---------------|------------|-----------------|------------------|-------------|---------|
| n41(2535-2655) | 30        | 10              | 508002     | 24@0          | DFT_QPSK   | 2522.69         | -39.49           | -25         | PASS    |
| n41(2535-2655) | 30        | 10              | 508002     | 1@0           | DFT_QPSK   | 2533.99         | -20.83           | -10         | PASS    |
| n41(2535-2655) | 30        | 10              | 529998     | 24@0          | DFT_QPSK   | 2667.33         | -38.64           | -25         | PASS    |
| n41(2535-2655) | 30        | 10              | 529998     | 1@23          | DFT_QPSK   | 2656.91         | -23.41           | -10         | PASS    |
| n41(2535-2655) | 30        | 100             | 517002     | 270@0         | DFT_QPSK   | 2416.73         | -42.43           | -25         | PASS    |
| n41(2535-2655) | 30        | 100             | 517002     | 1@0           | DFT_QPSK   | 2533.96         | -26.96           | -10         | PASS    |
| n41(2535-2655) | 30        | 100             | 520998     | 270@0         | DFT_QPSK   | 2759.73         | -42.29           | -25         | PASS    |
| n41(2535-2655) | 30        | 100             | 520998     | 1@272         | DFT_QPSK   | 2656.25         | -26.50           | -10         | PASS    |

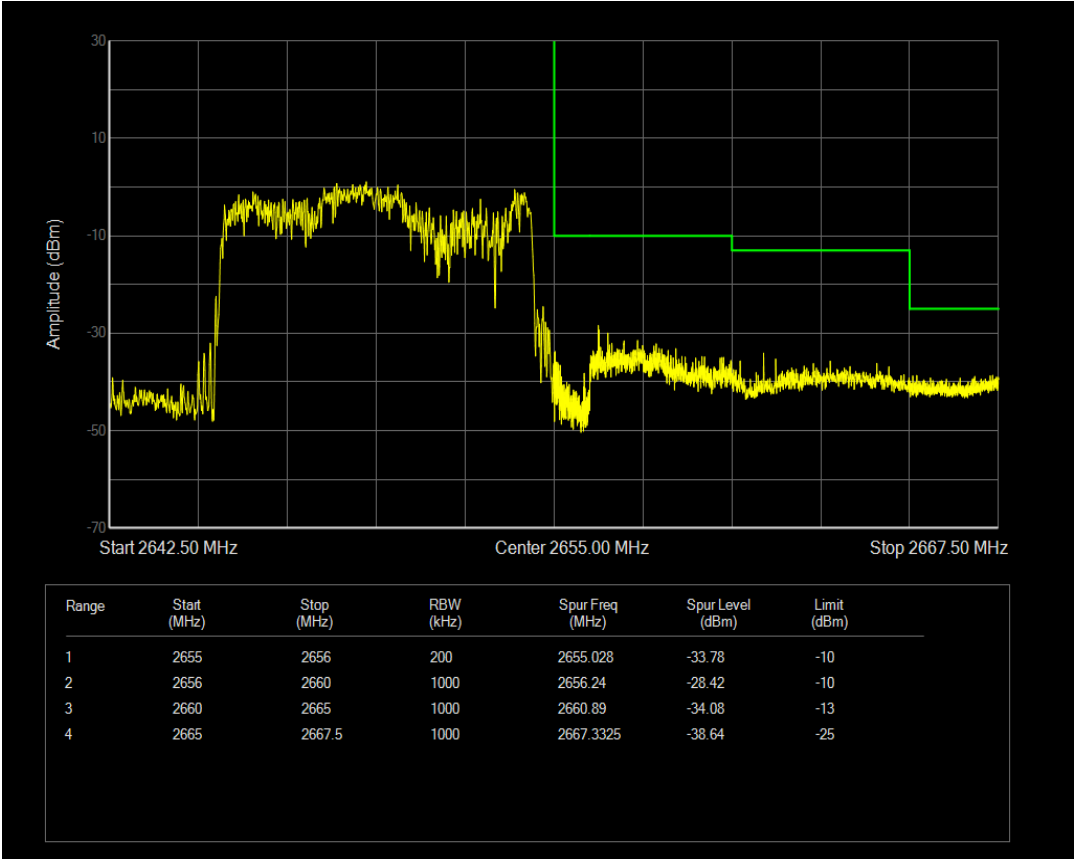
n41(2535-2655) SCS=30kHz DFT\_QPSK BW=10MHz Channel=508002 RB=24@0



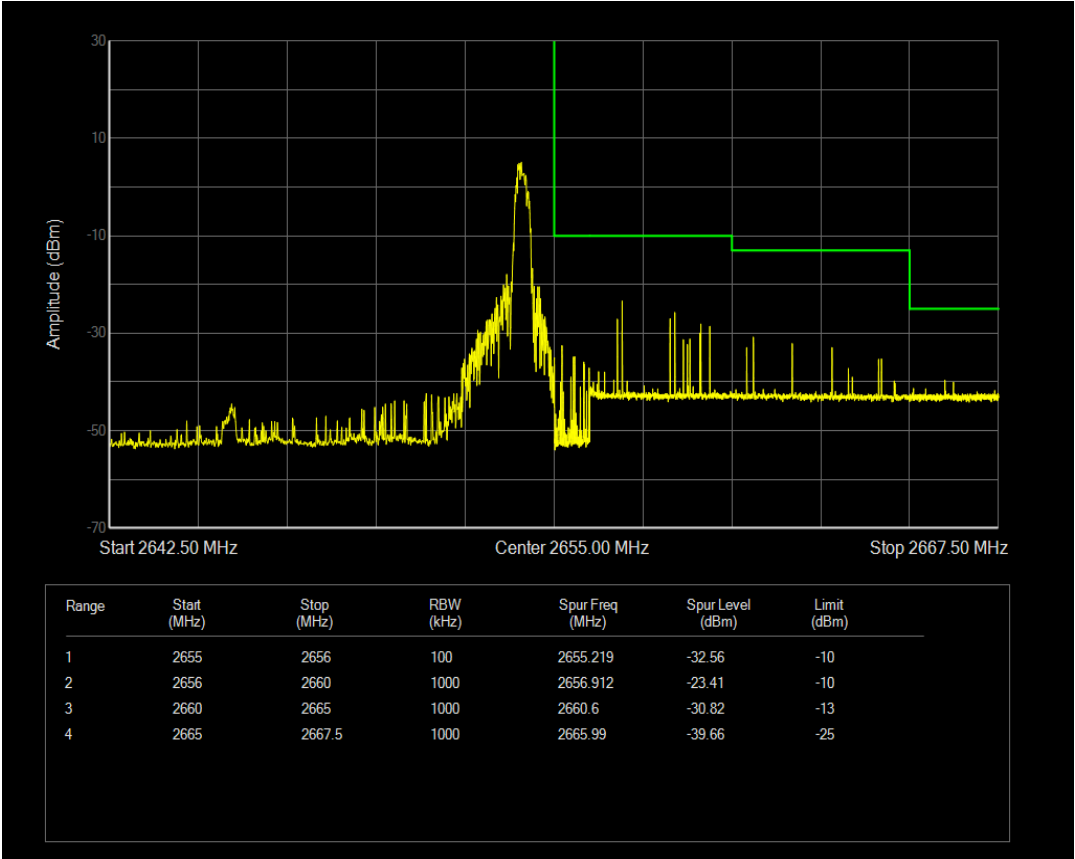
n41(2535-2655) SCS=30kHz DFT\_QPSK BW=10MHz Channel=508002 RB=1@0



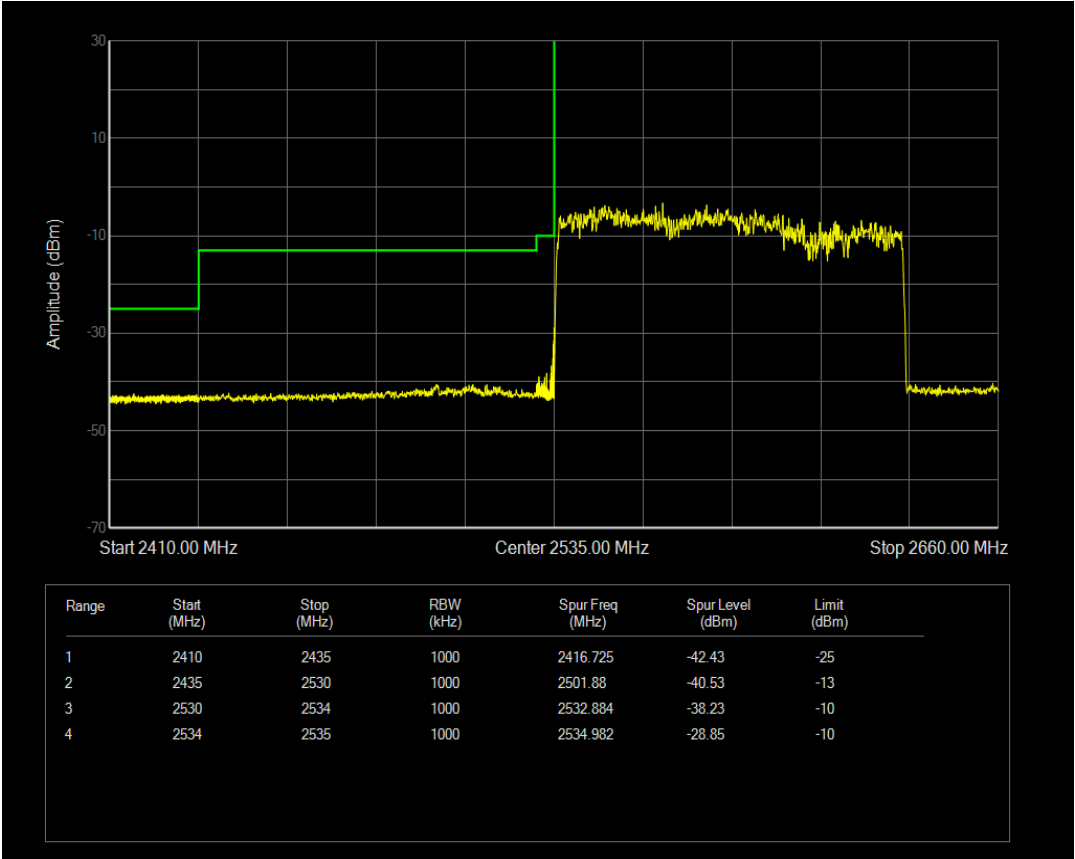
n41(2535-2655) SCS=30kHz DFT\_QPSK BW=10MHz Channel=529998 RB=24@0



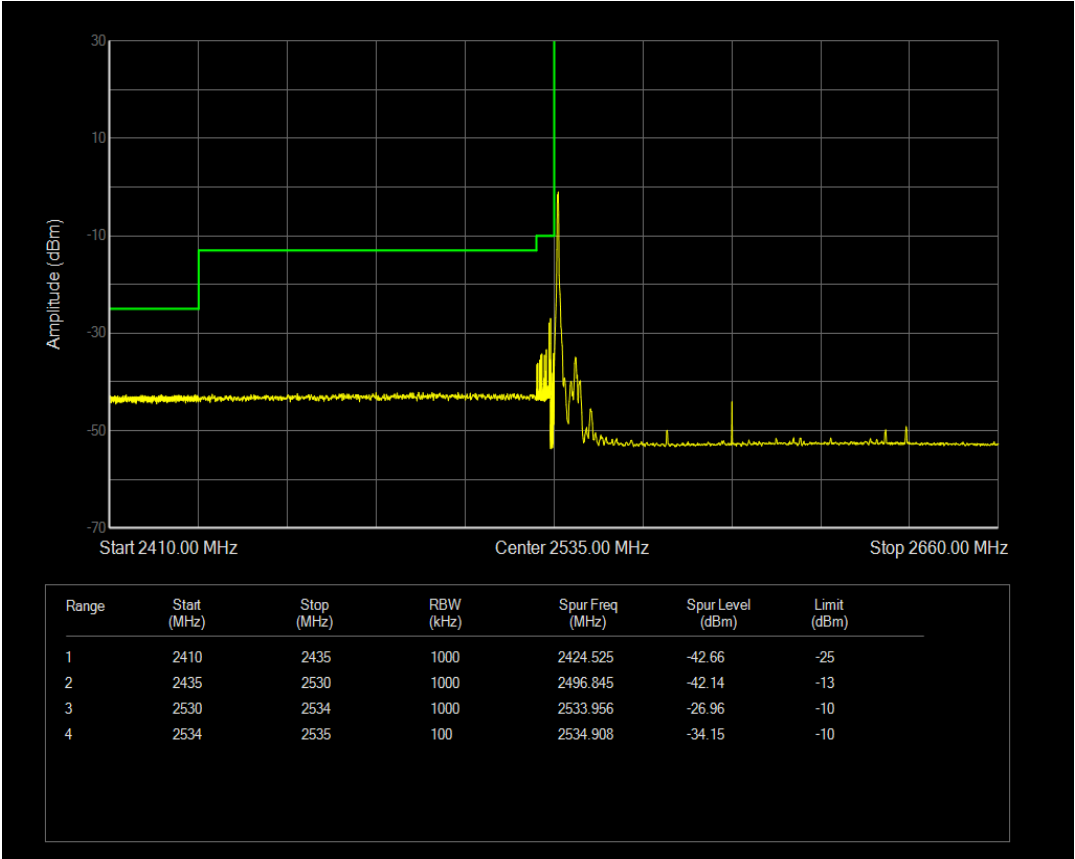
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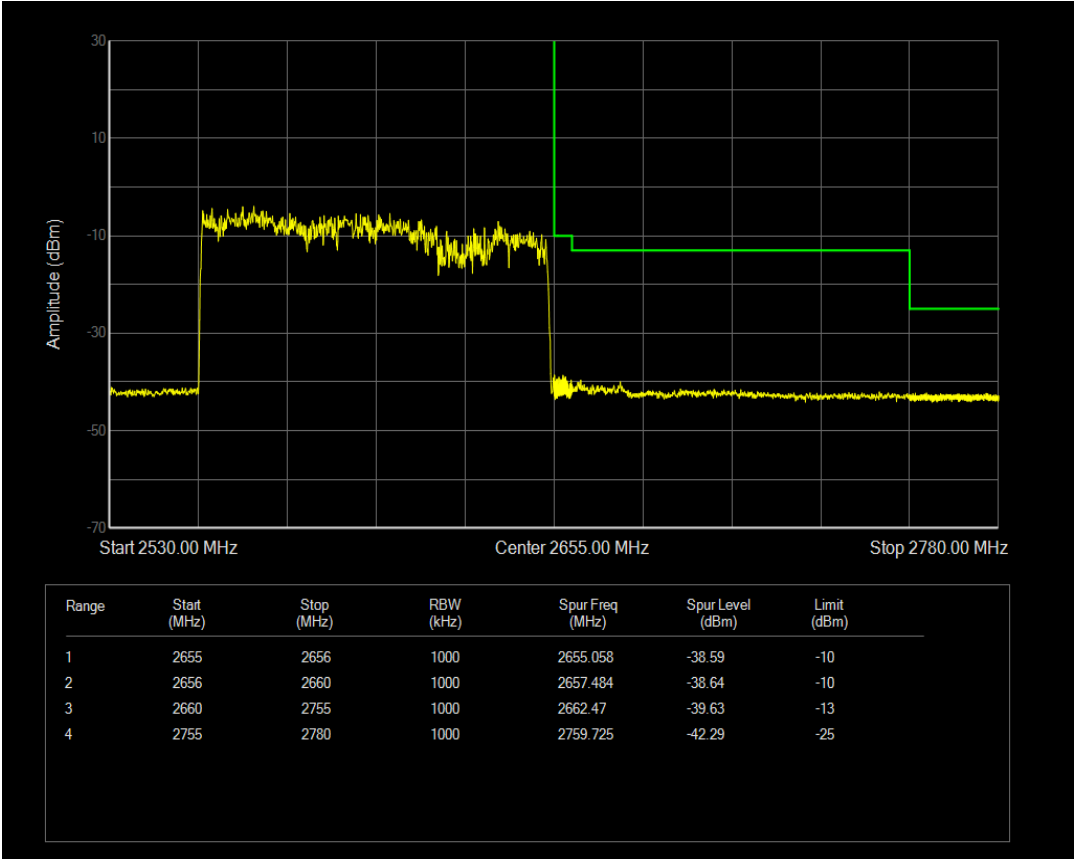
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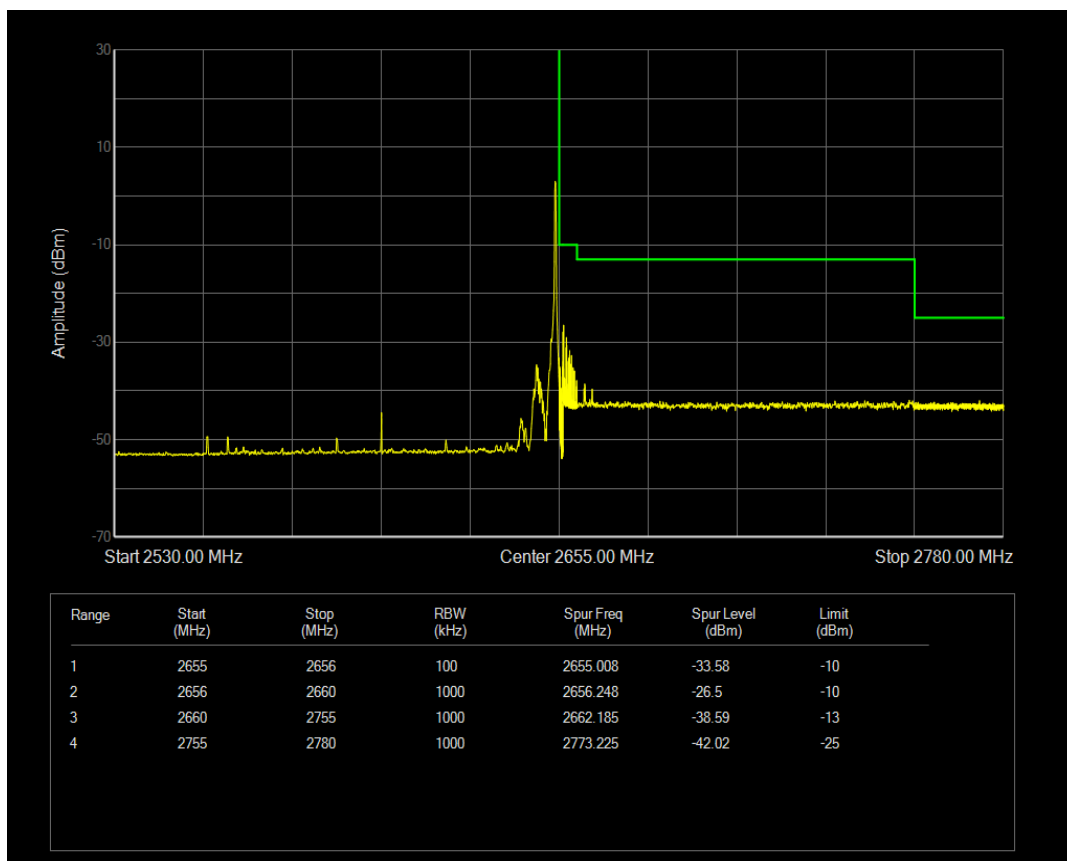
n41(2535-2655) SCS=30kHz DFT\_QPSK BW=100MHz Channel=517002 RB=1@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=100MHz Channel=520998 RB=270@0



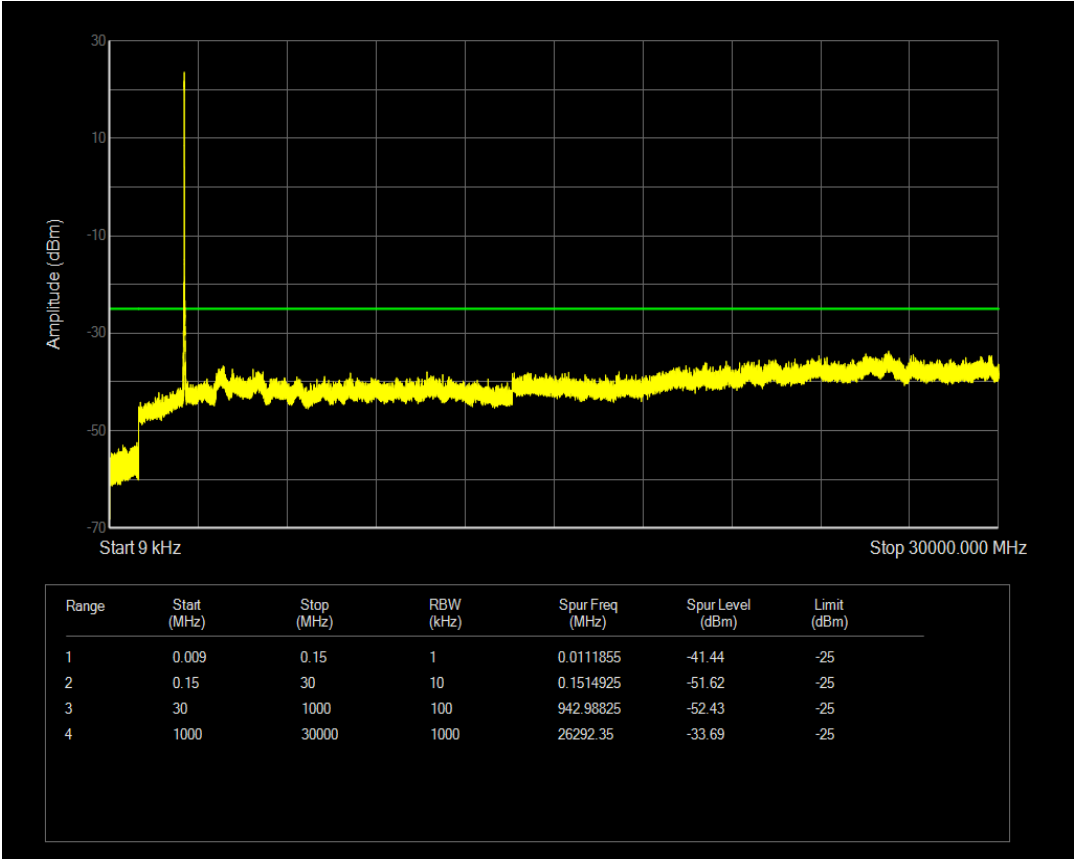
n41(2535-2655) SCS=30kHz DFT\_QPSK BW=100MHz Channel=520998 RB=1@272



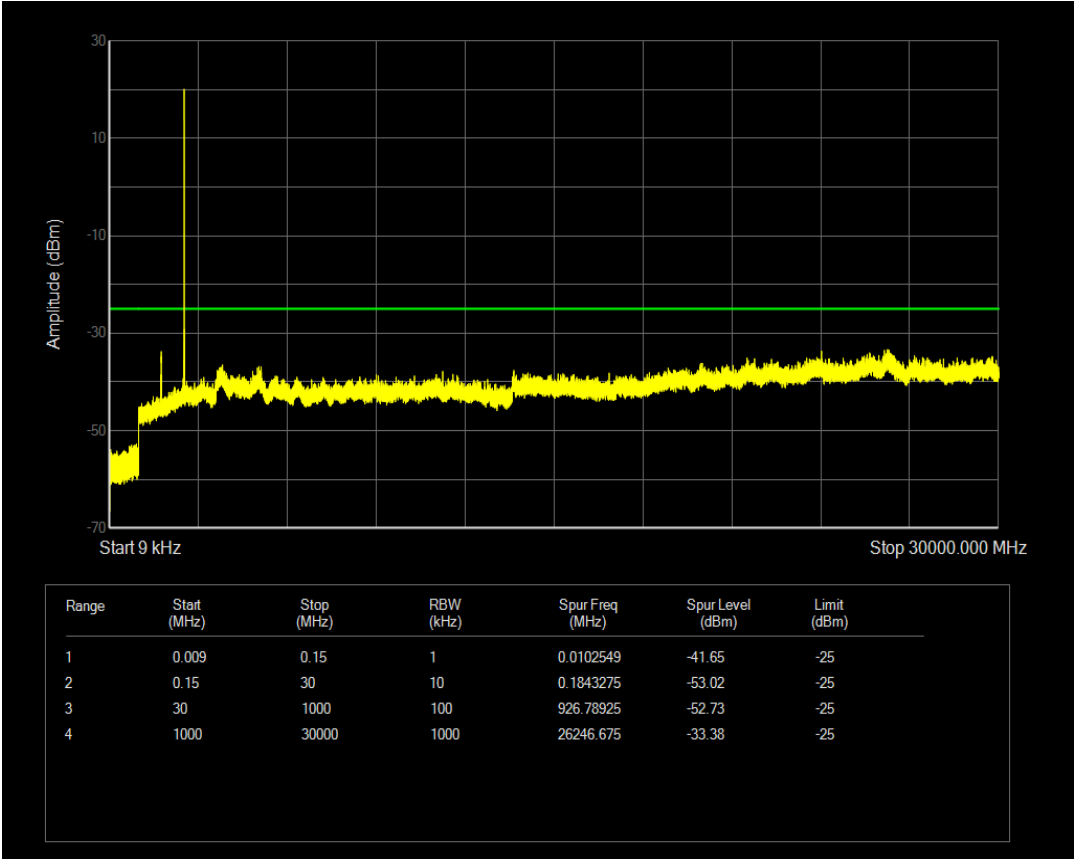
## 6 Out-of-band emissions for NR FR1

| Band           | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|----------------|-----------|-----------------|------------|---------------|------------|-----------------|------------------|-------------|---------|
| n41(2535-2655) | 30        | 10              | 508002     | 24@0          | DFT_QPSK   | 26292.35        | -33.69           | -25         | PASS    |
| n41(2535-2655) | 30        | 10              | 508002     | 1@0           | DFT_QPSK   | 26246.68        | -33.38           | -25         | PASS    |
| n41(2535-2655) | 30        | 10              | 508002     | 1@23          | DFT_QPSK   | 26227.83        | -33.84           | -25         | PASS    |
| n41(2535-2655) | 30        | 10              | 529998     | 24@0          | DFT_QPSK   | 26229.28        | -32.80           | -25         | PASS    |
| n41(2535-2655) | 30        | 10              | 529998     | 1@0           | DFT_QPSK   | 25854.45        | -33.39           | -25         | PASS    |
| n41(2535-2655) | 30        | 10              | 529998     | 1@23          | DFT_QPSK   | 26309.03        | -32.86           | -25         | PASS    |
| n41(2535-2655) | 30        | 100             | 517002     | 270@0         | DFT_QPSK   | 26202.45        | -33.65           | -25         | PASS    |
| n41(2535-2655) | 30        | 100             | 517002     | 1@0           | DFT_QPSK   | 26199.55        | -32.95           | -25         | PASS    |
| n41(2535-2655) | 30        | 100             | 517002     | 1@272         | DFT_QPSK   | 26288.00        | -33.29           | -25         | PASS    |
| n41(2535-2655) | 30        | 100             | 520998     | 270@0         | DFT_QPSK   | 26360.50        | -33.69           | -25         | PASS    |
| n41(2535-2655) | 30        | 100             | 520998     | 1@0           | DFT_QPSK   | 26286.55        | -33.67           | -25         | PASS    |
| n41(2535-2655) | 30        | 100             | 520998     | 1@272         | DFT_QPSK   | 26037.88        | -33.39           | -25         | PASS    |

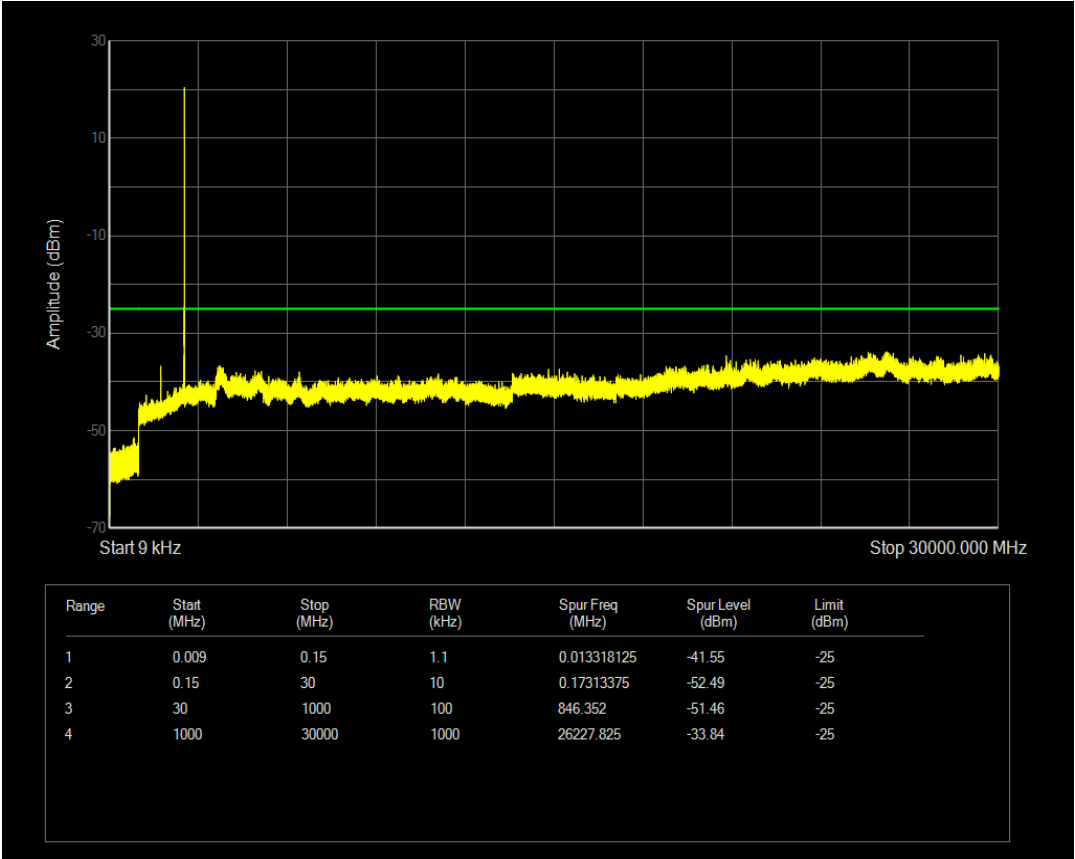
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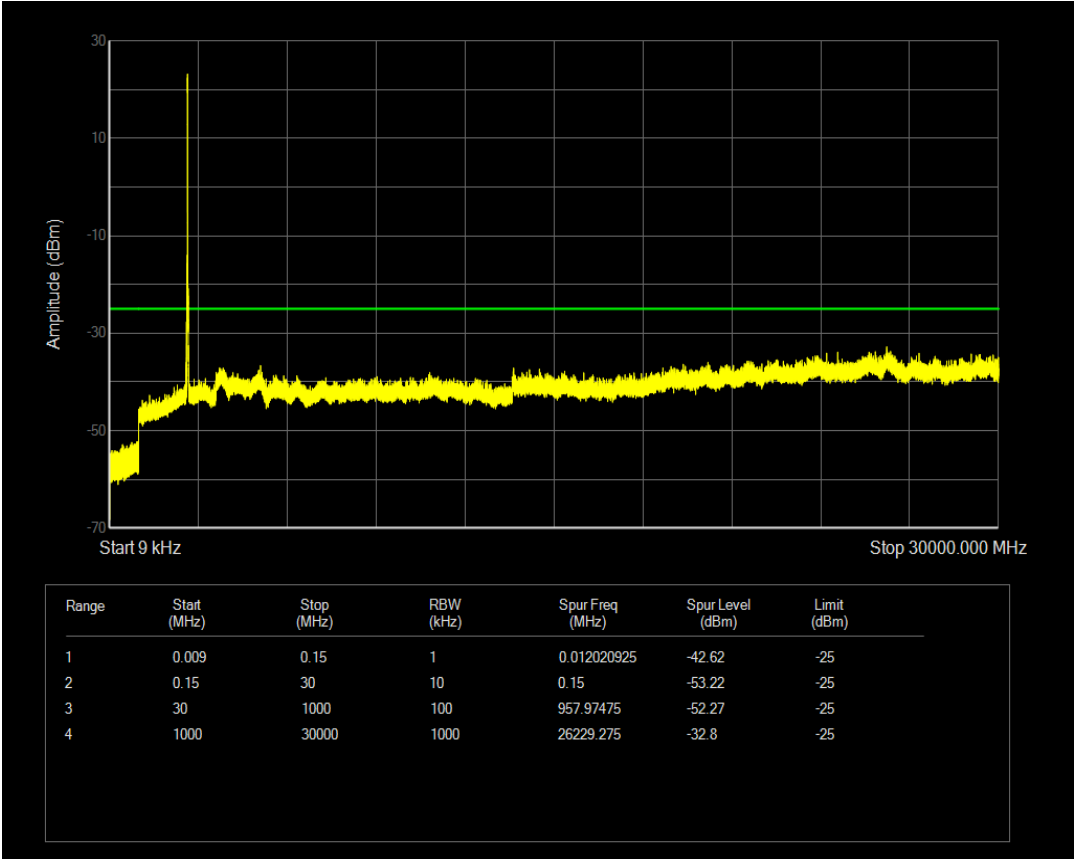
n41(2535-2655) SCS=30kHz DFT\_QPSK BW=10MHz Channel=508002 RB=1@0



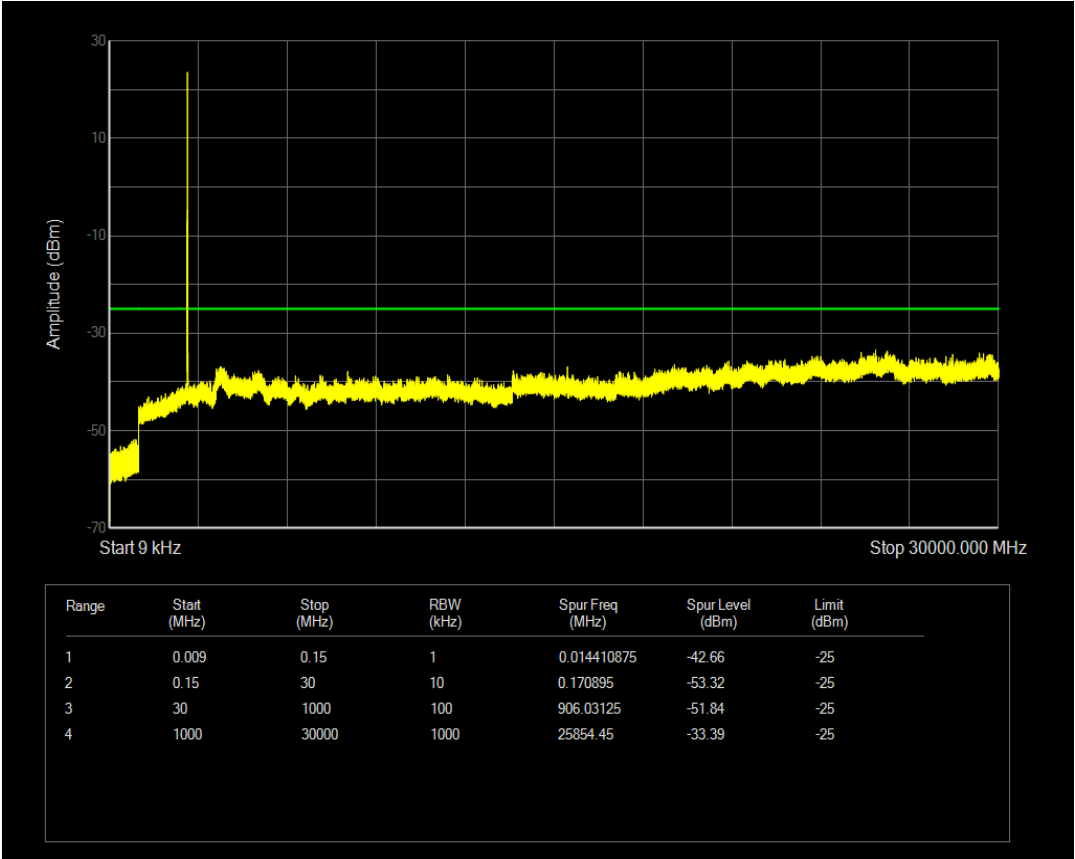
n41(2535-2655) SCS=30kHz DFT\_QPSK BW=10MHz Channel=508002 RB=1@23



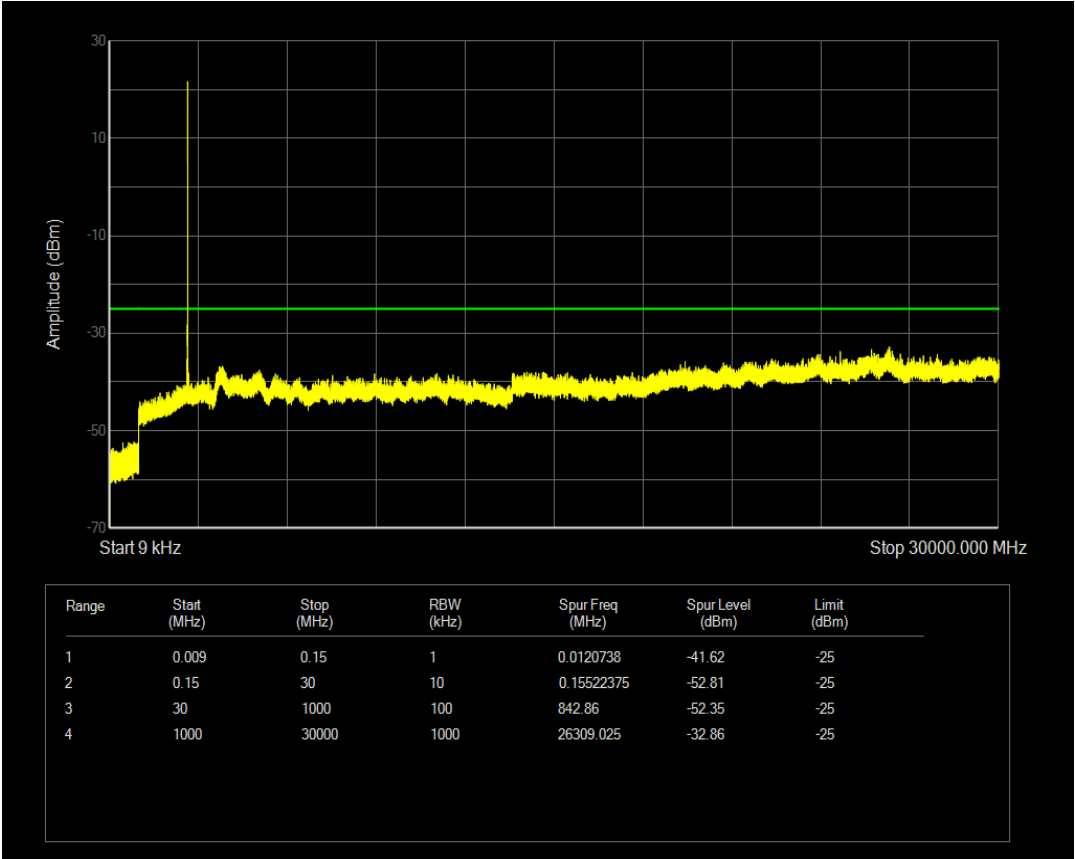
n41(2535-2655) SCS=30kHz DFT\_QPSK BW=10MHz Channel=529998 RB=24@0



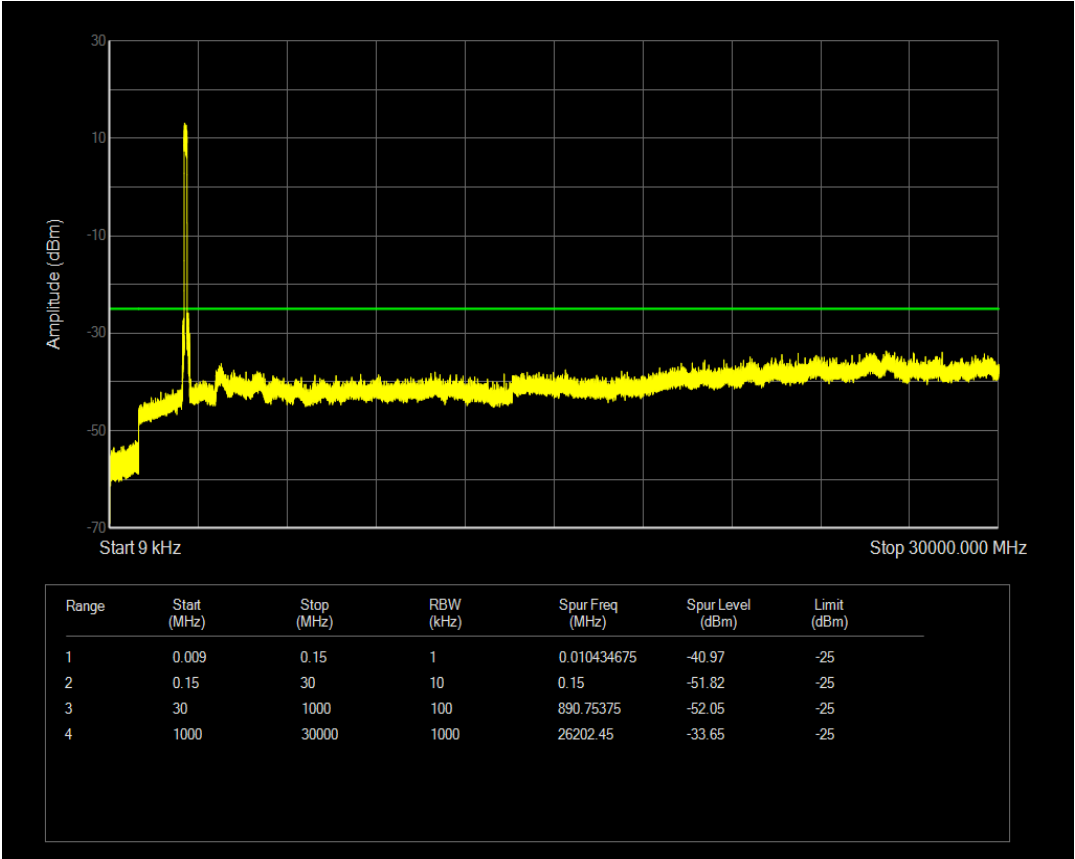
n41(2535-2655) SCS=30kHz DFT\_QPSK BW=10MHz Channel=529998 RB=1@0



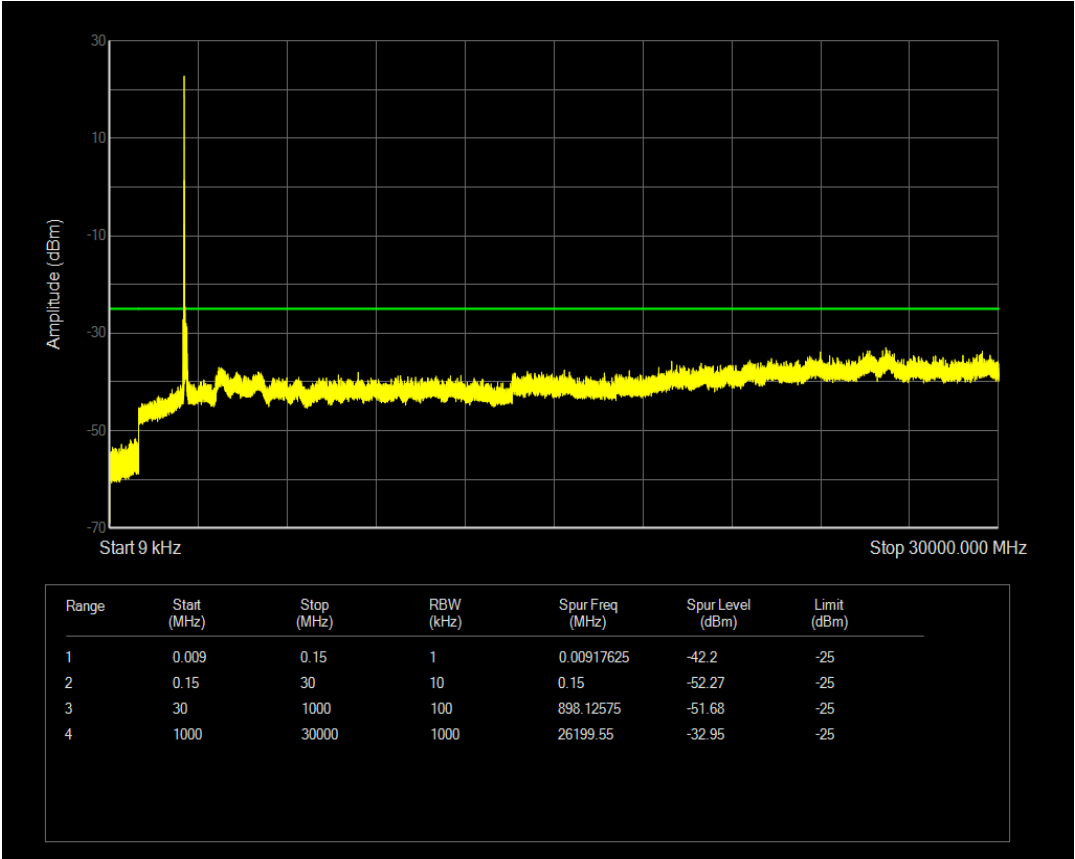
n41(2535-2655) SCS=30kHz DFT\_QPSK BW=10MHz Channel=529998 RB=1@23



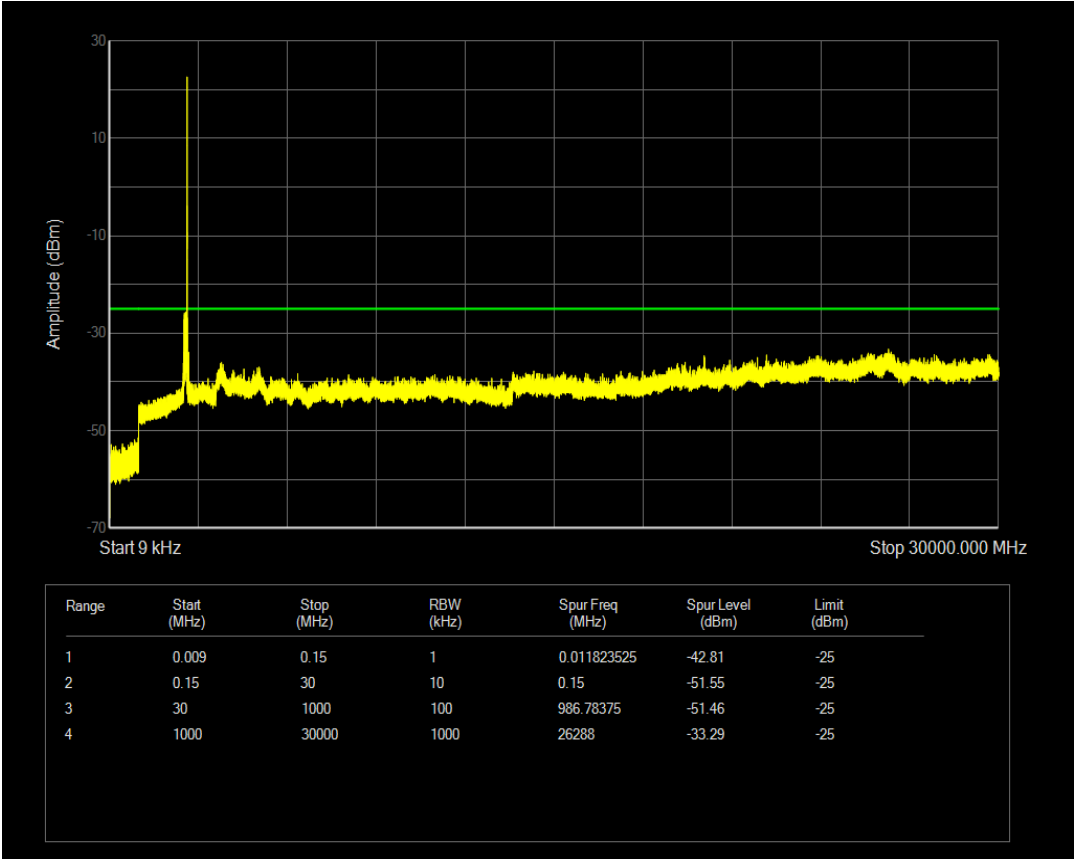
n41(2535-2655) SCS=30kHz DFT\_QPSK BW=100MHz Channel=517002 RB=270@0



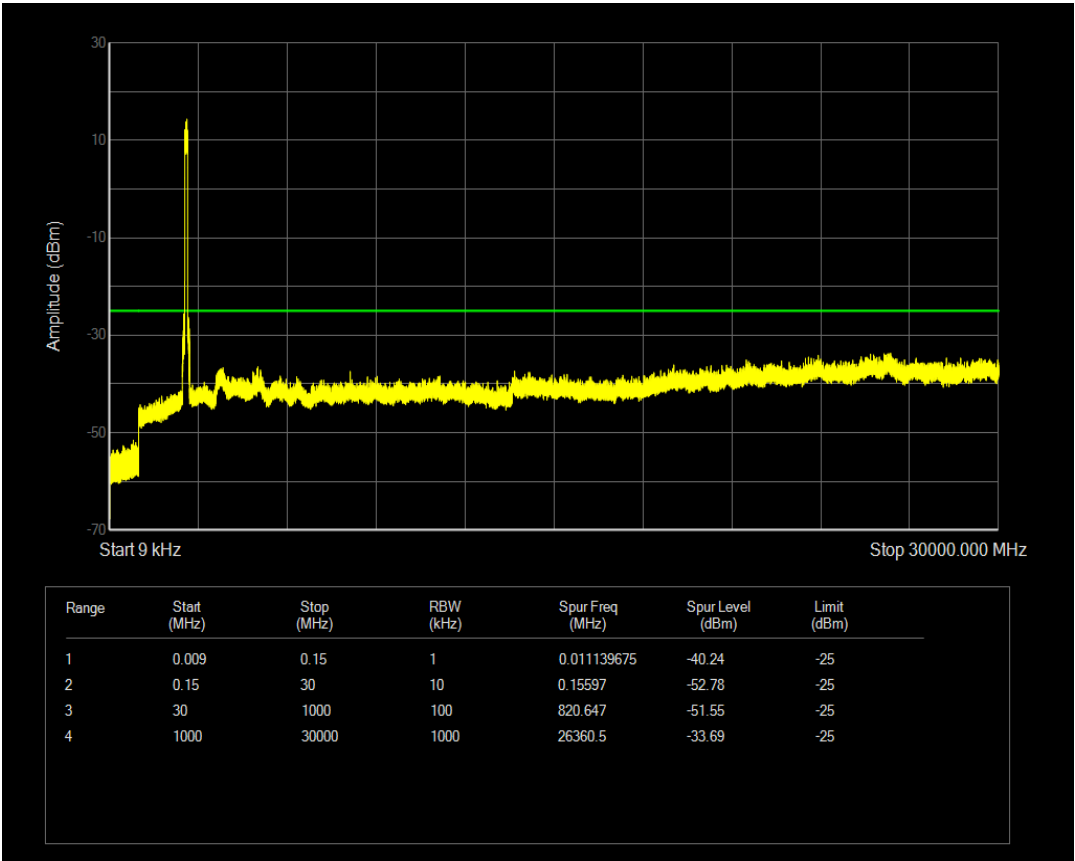
n41(2535-2655) SCS=30kHz DFT\_QPSK BW=100MHz Channel=517002 RB=1@0



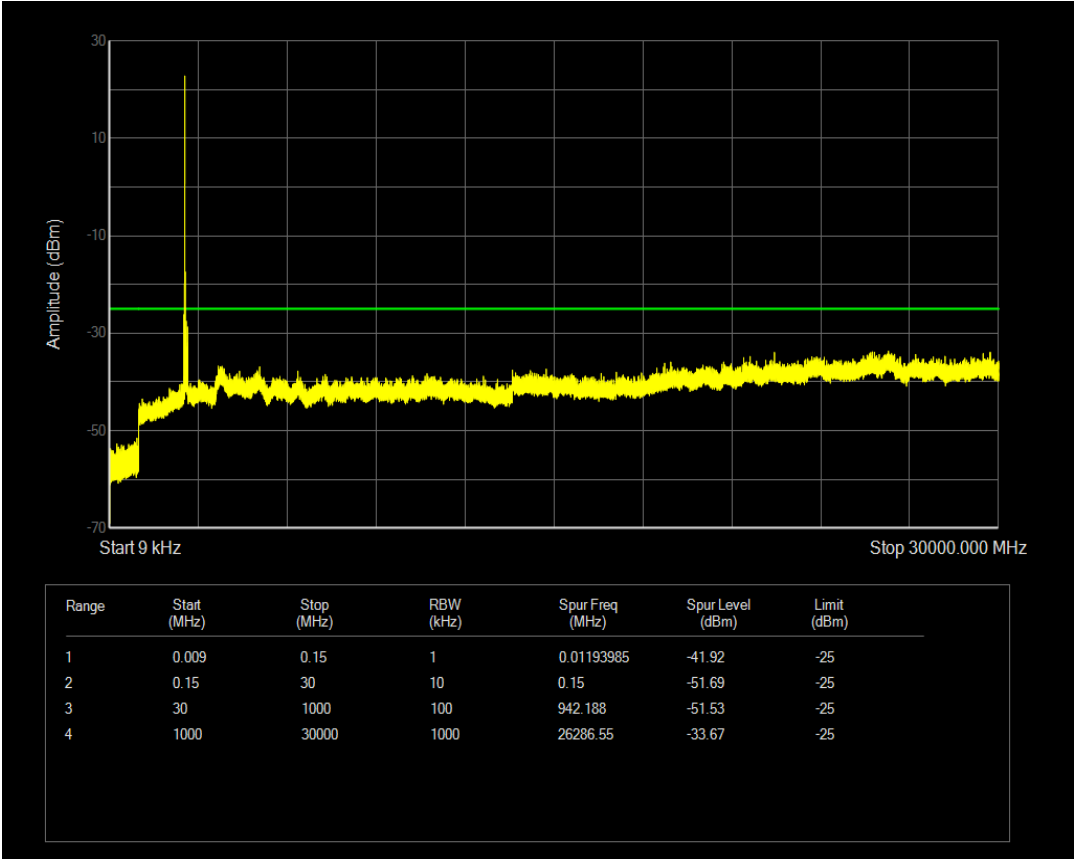
n41(2535-2655) SCS=30kHz DFT\_QPSK BW=100MHz Channel=517002 RB=1@272



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=100MHz Channel=520998 RB=270@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=100MHz Channel=520998 RB=1@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=100MHz Channel=520998 RB=1@272

