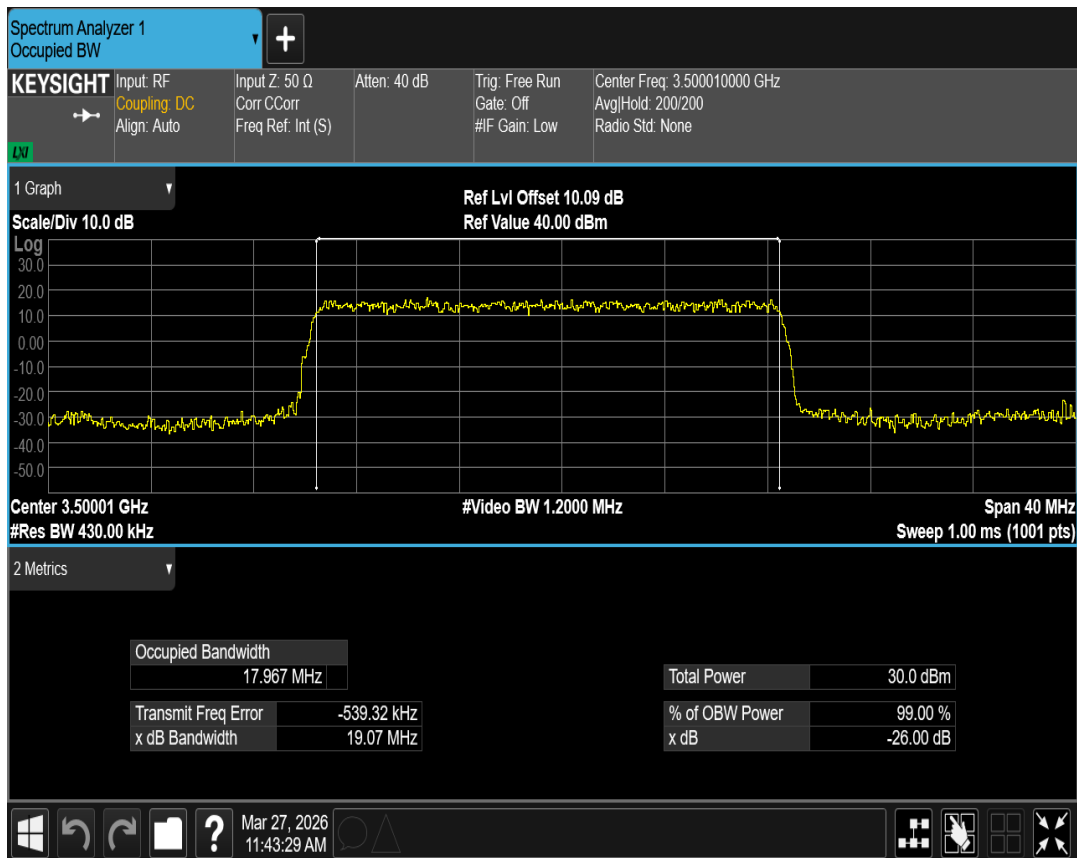
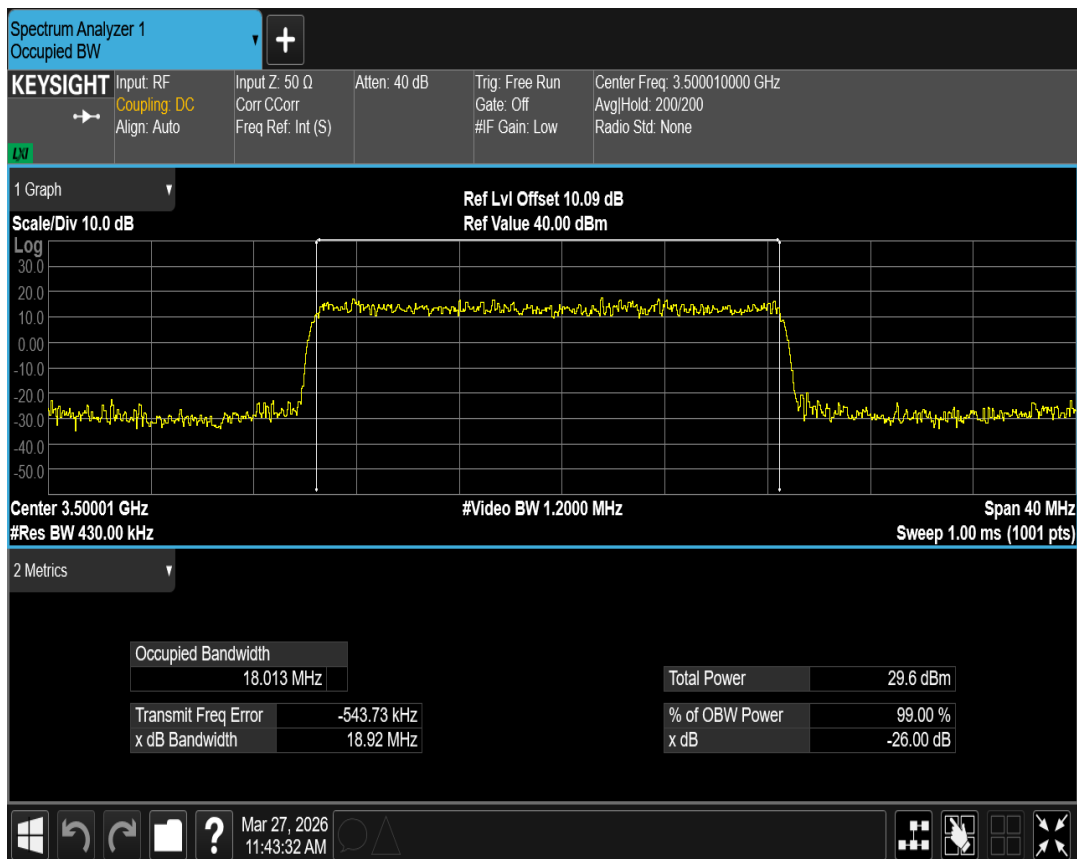


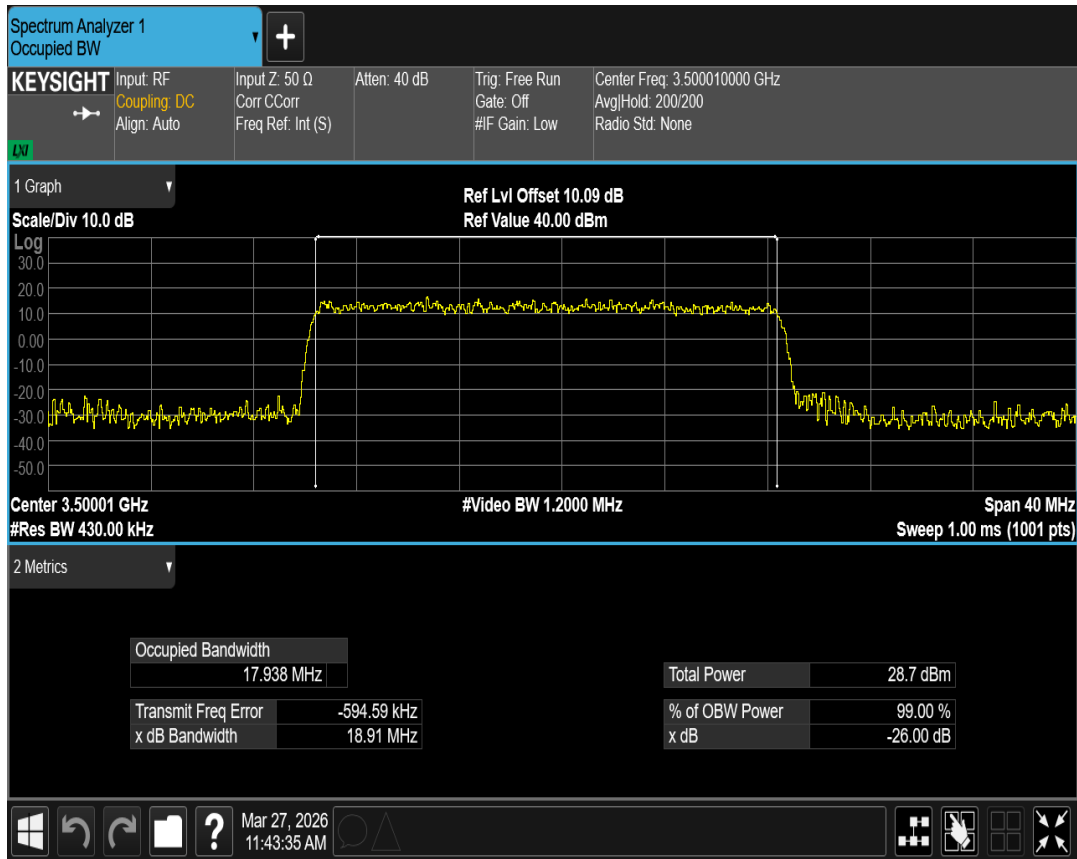
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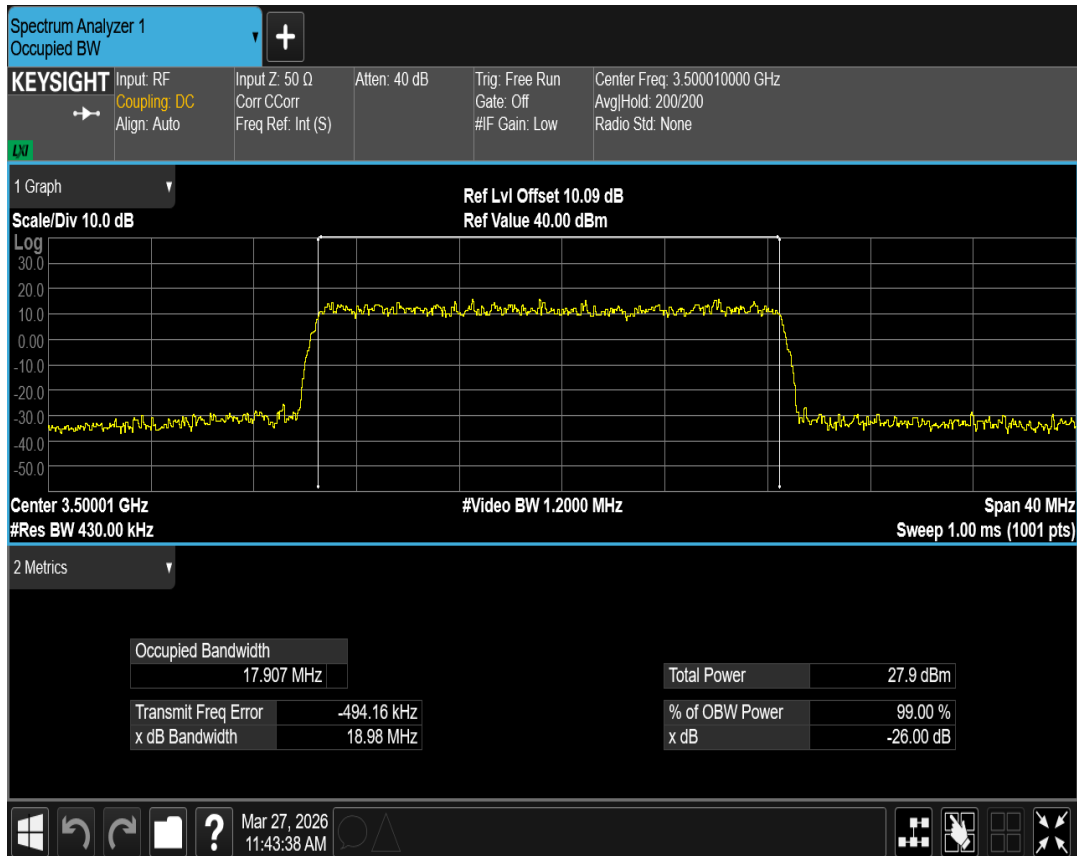
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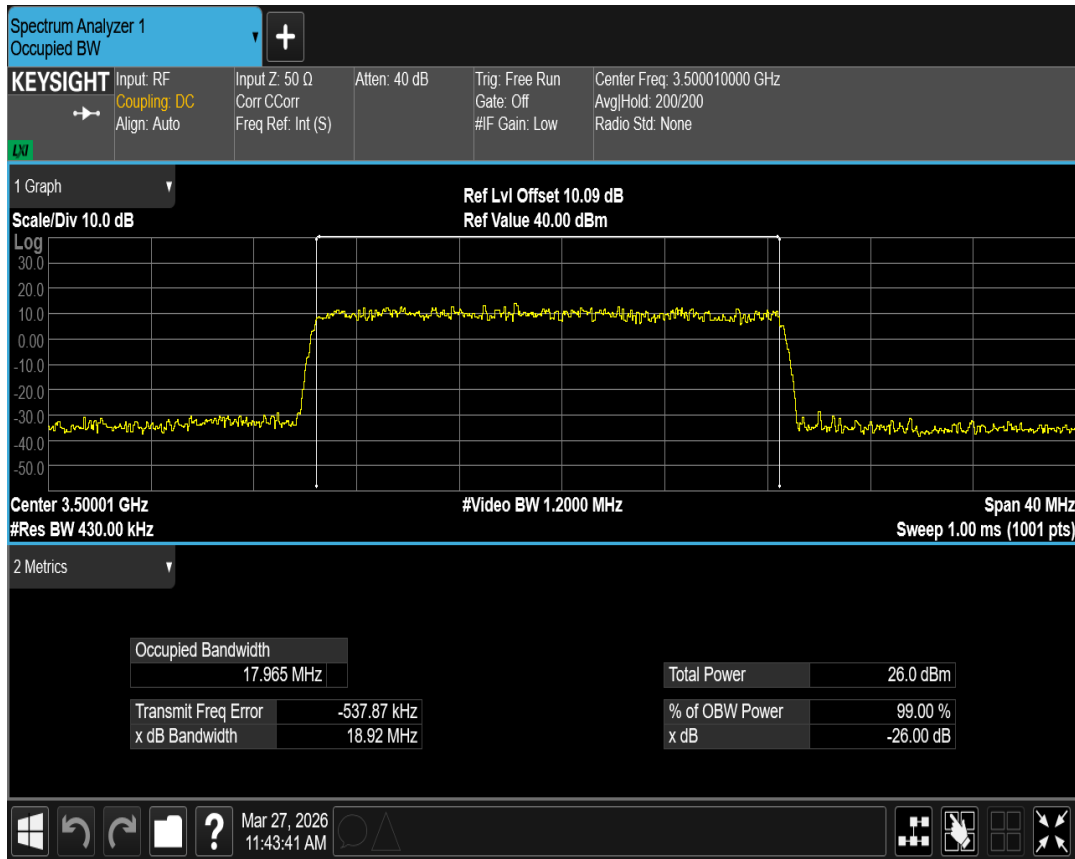
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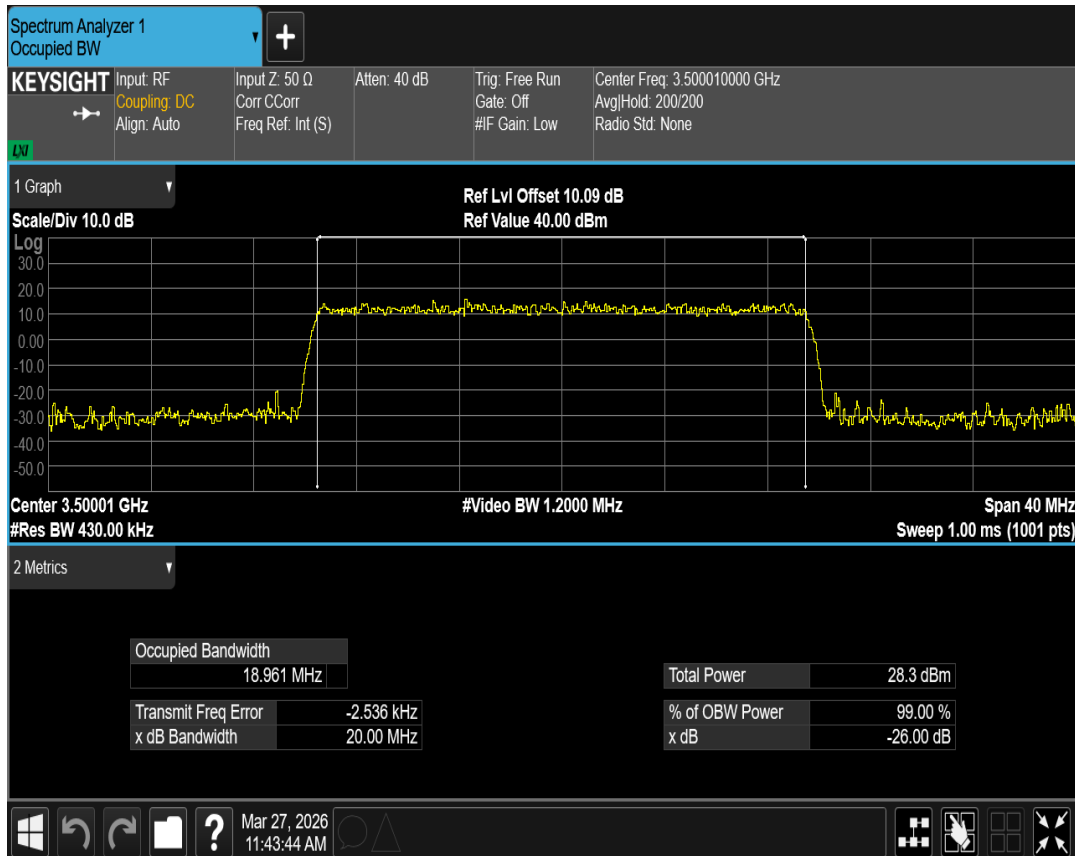
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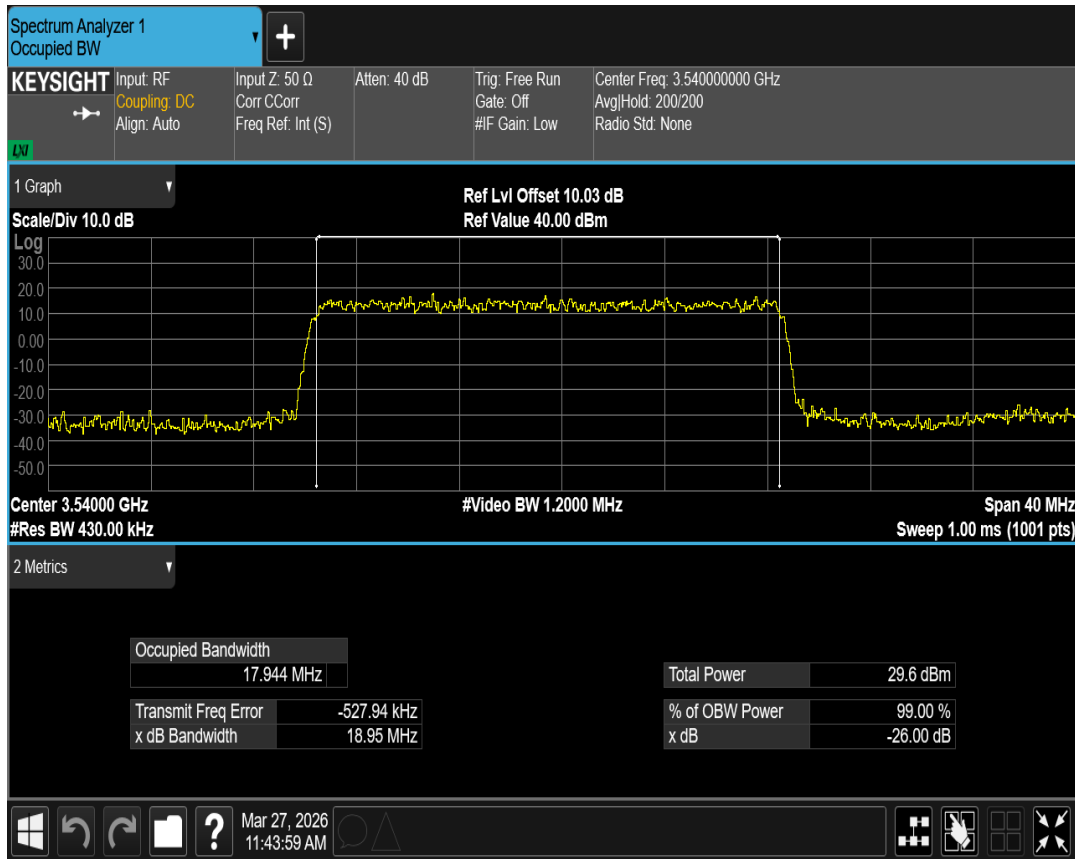
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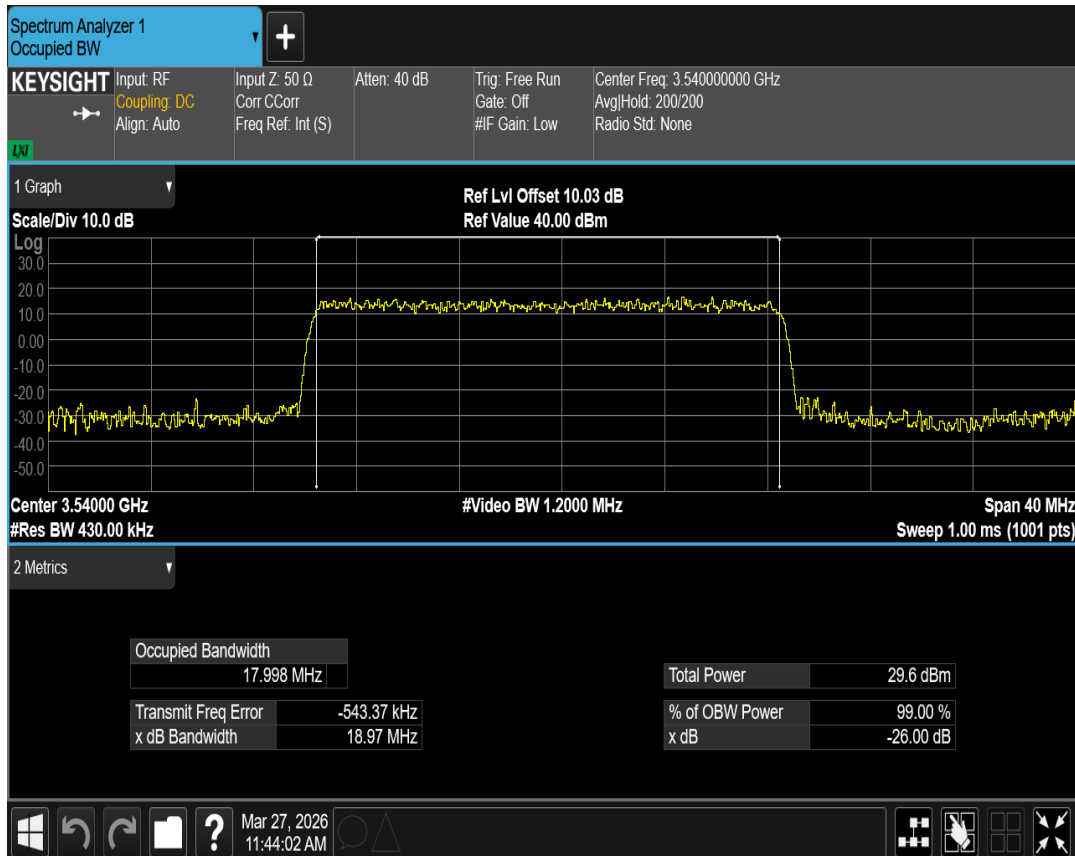
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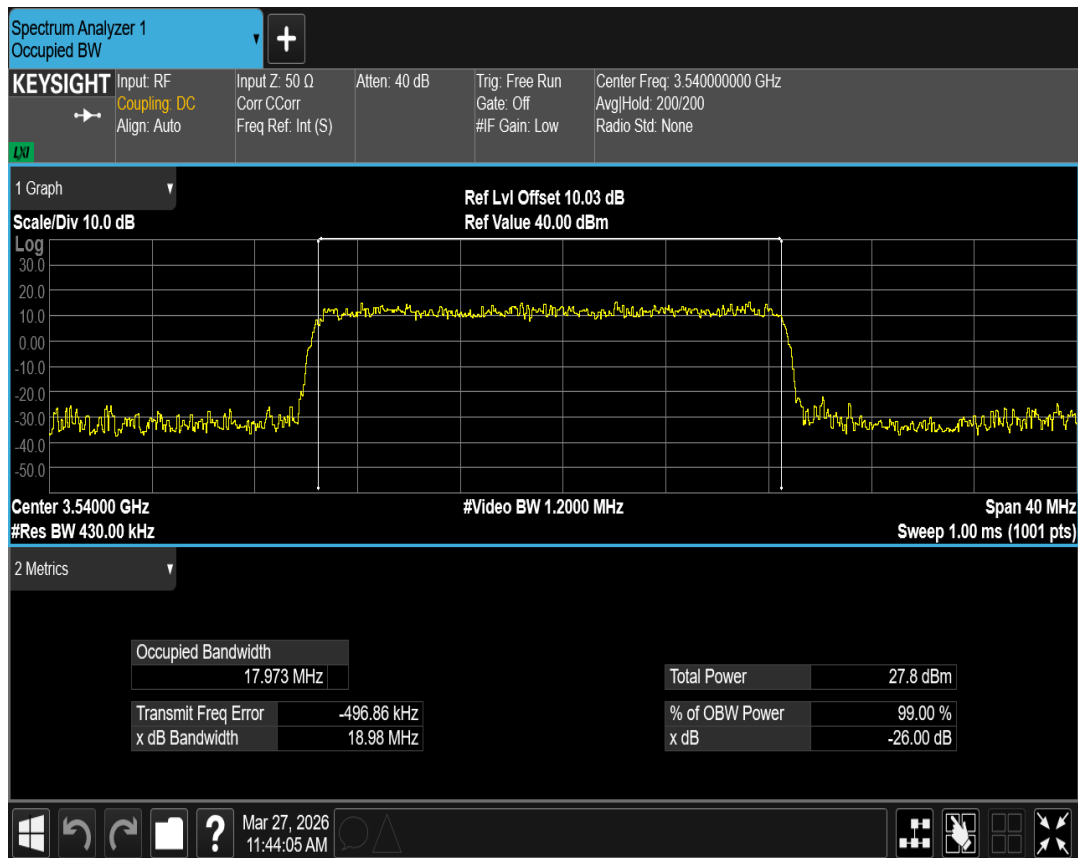
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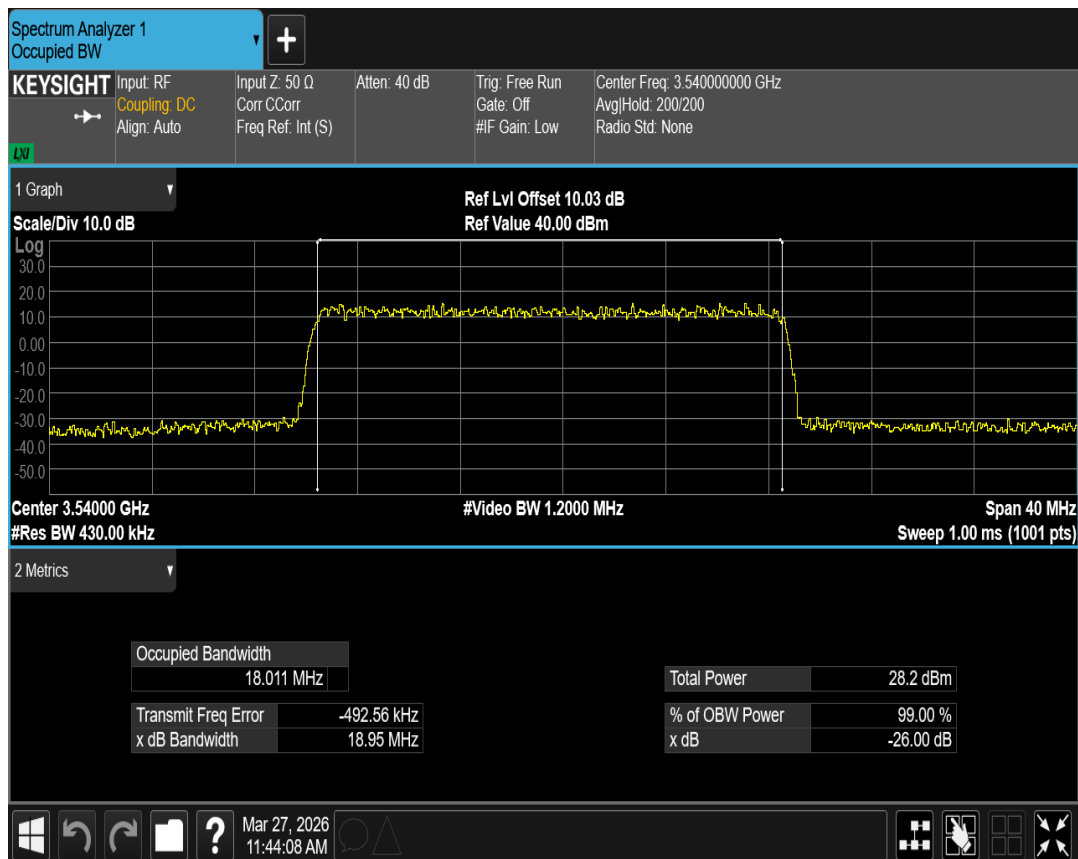
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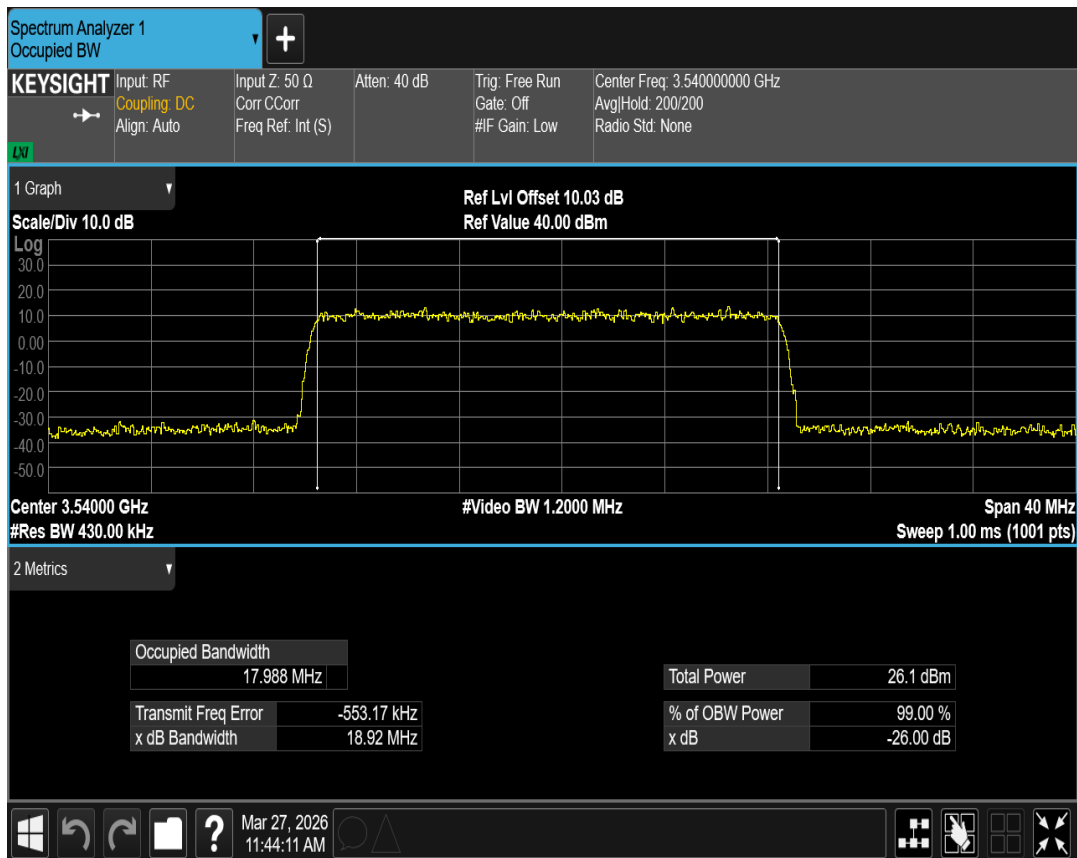
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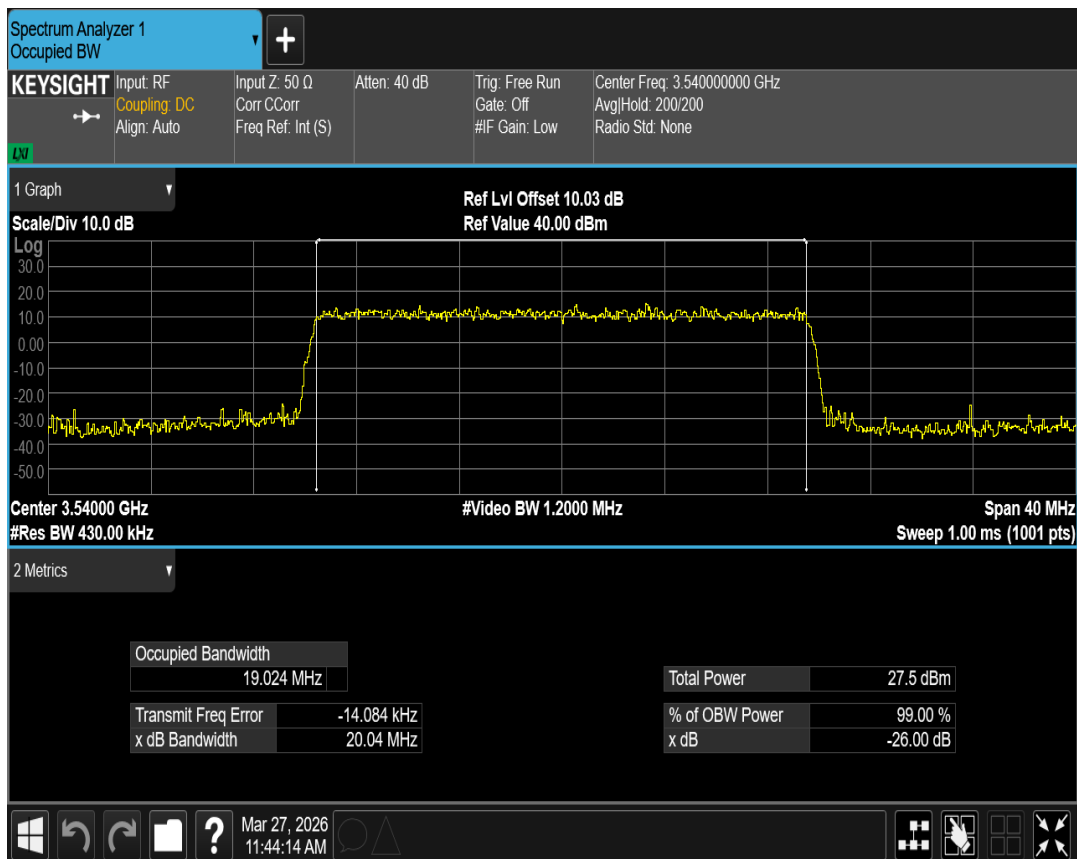
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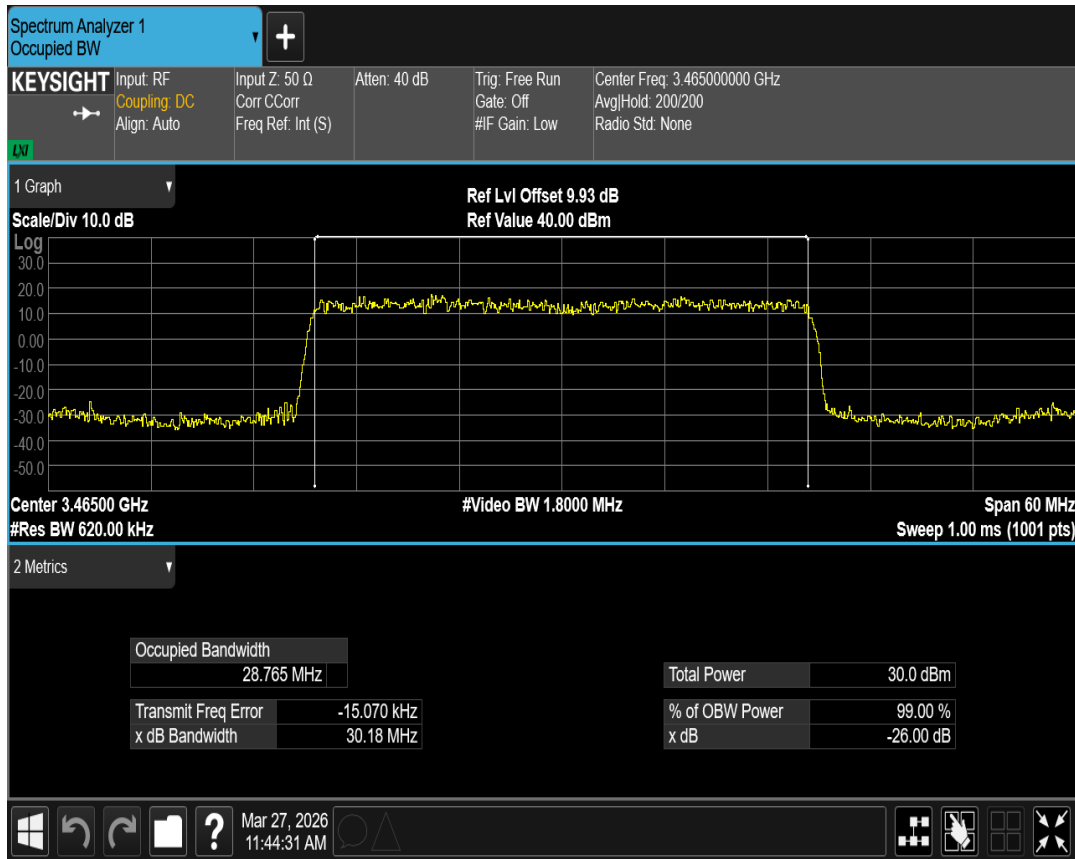
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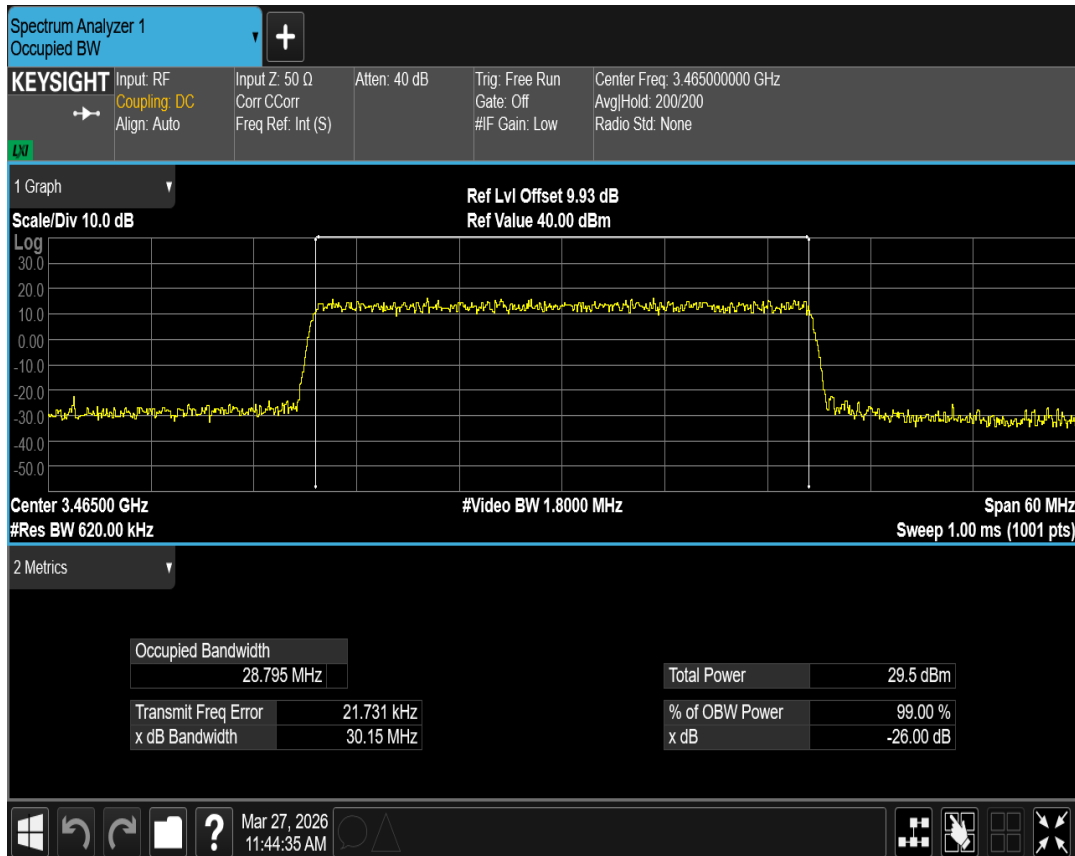
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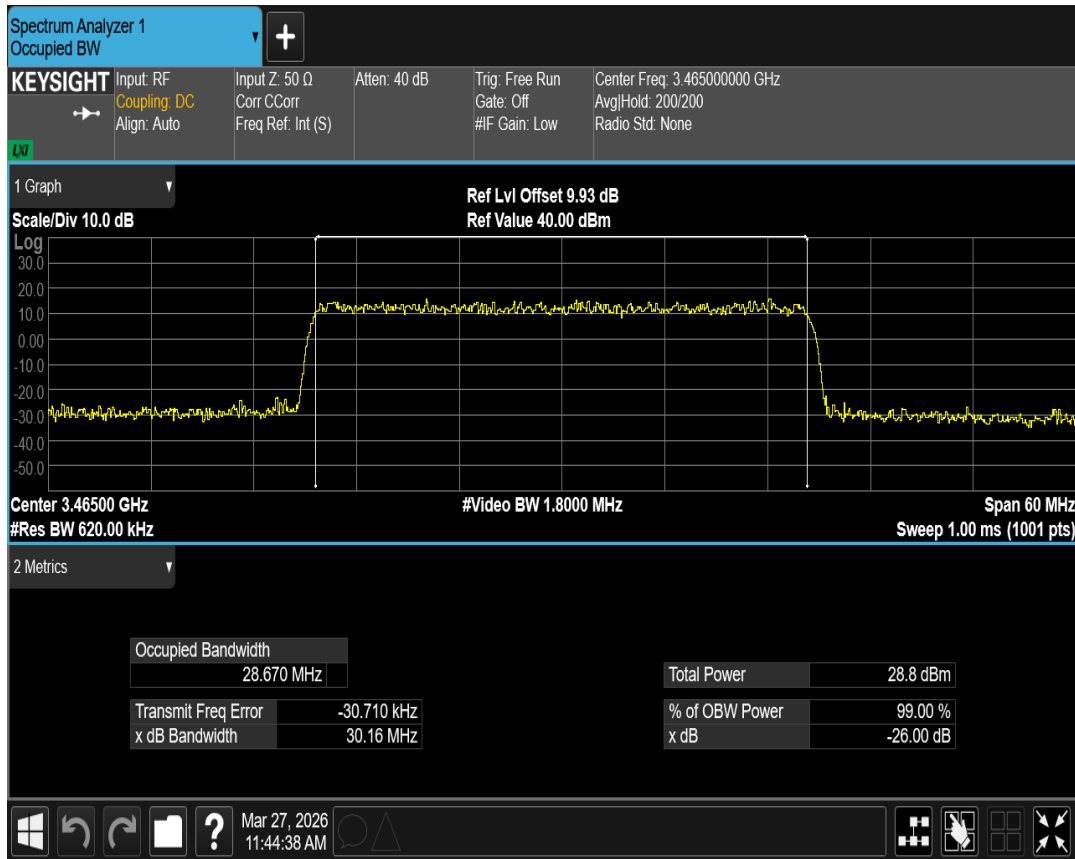
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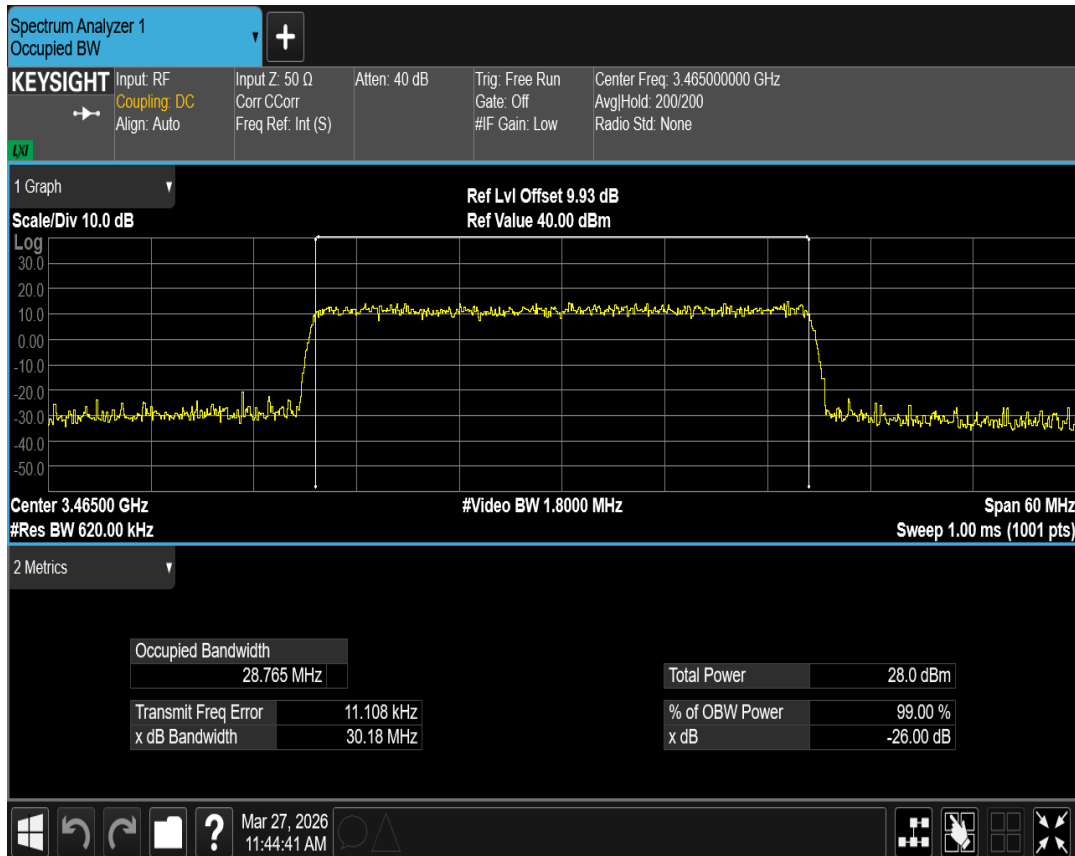
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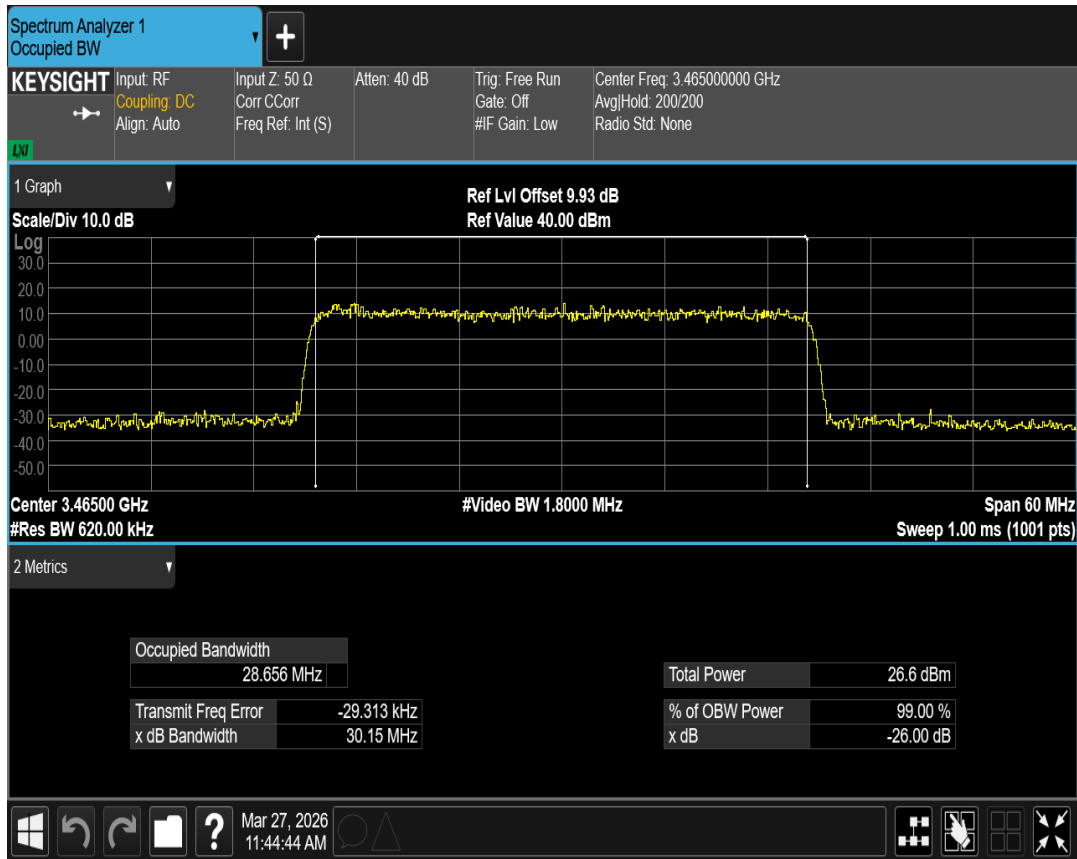
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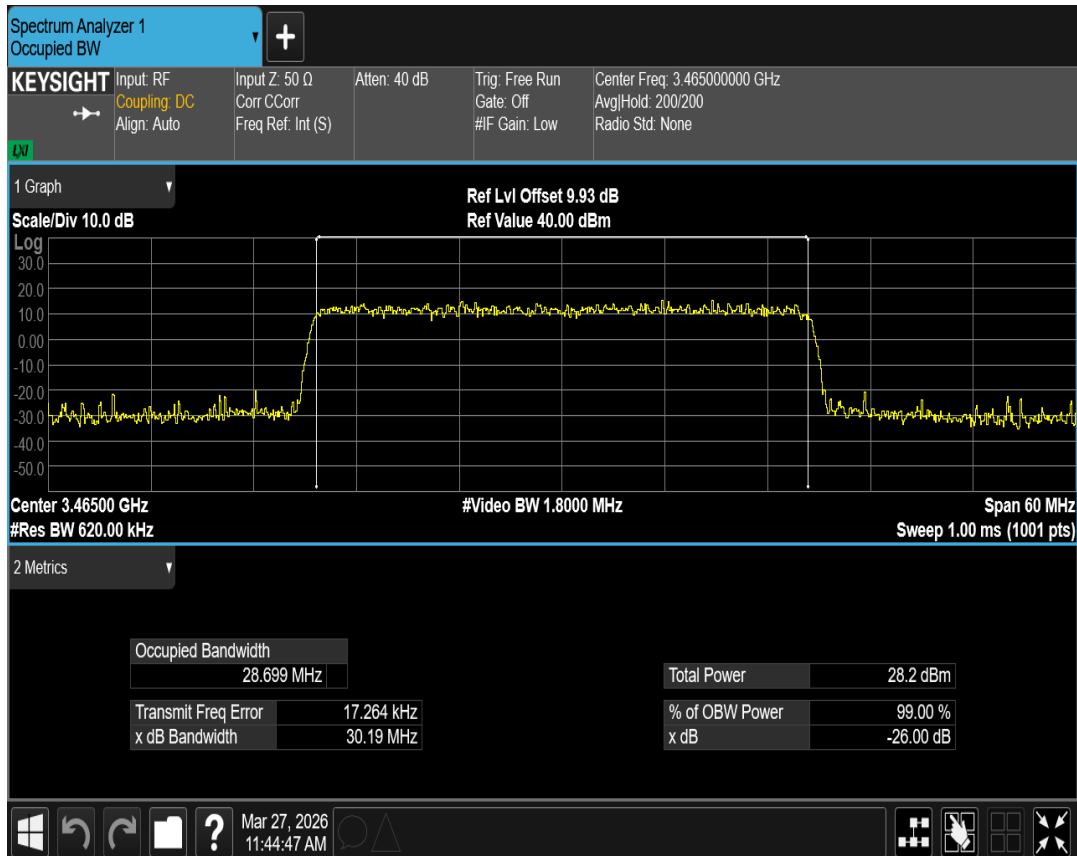
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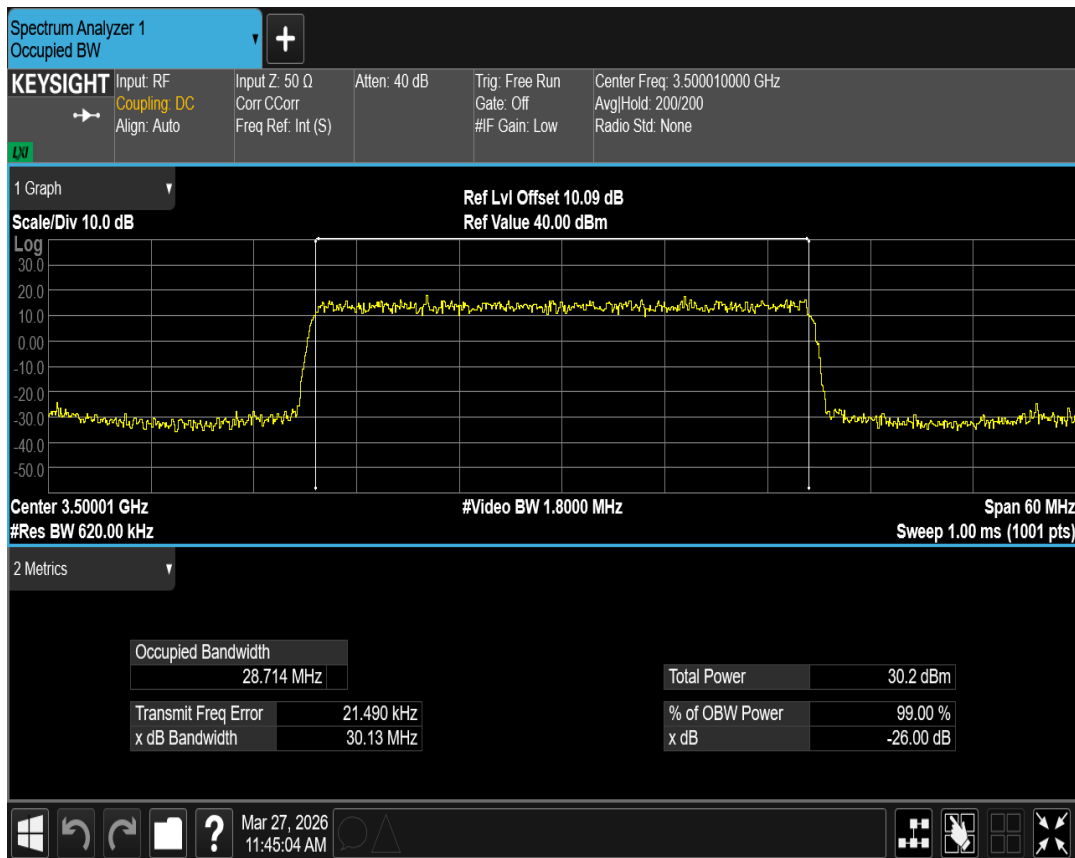
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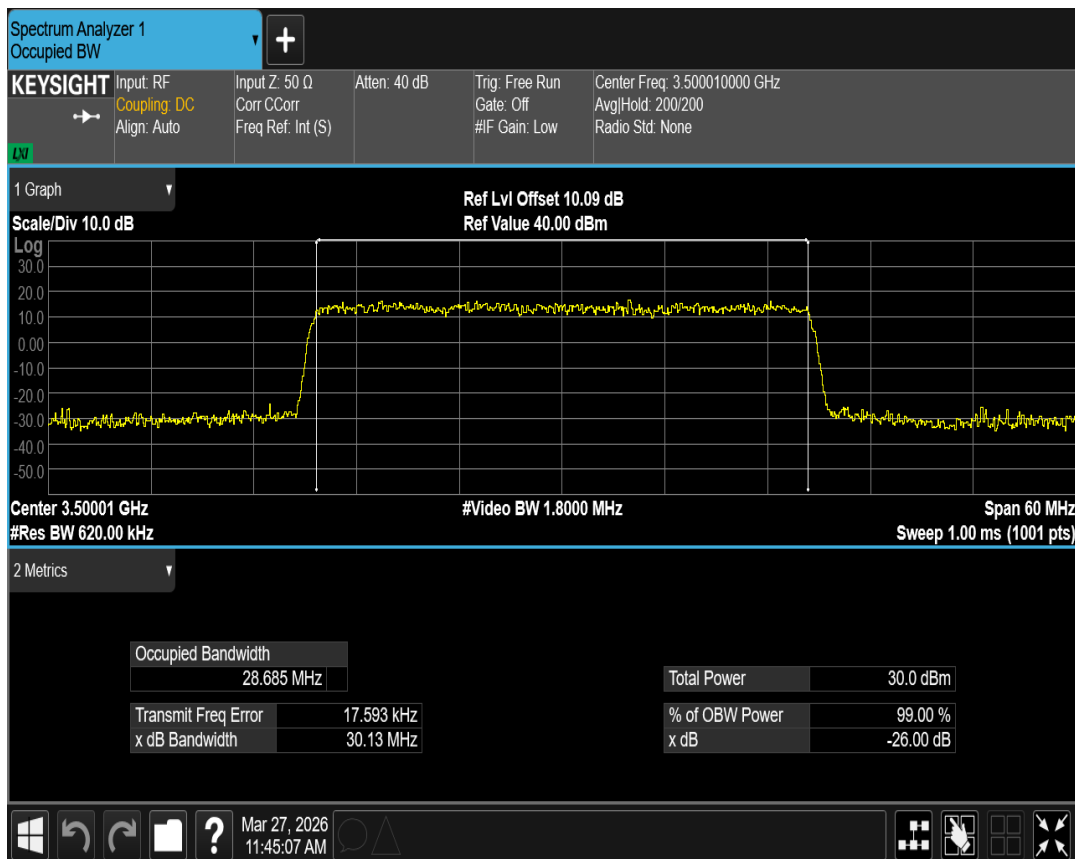
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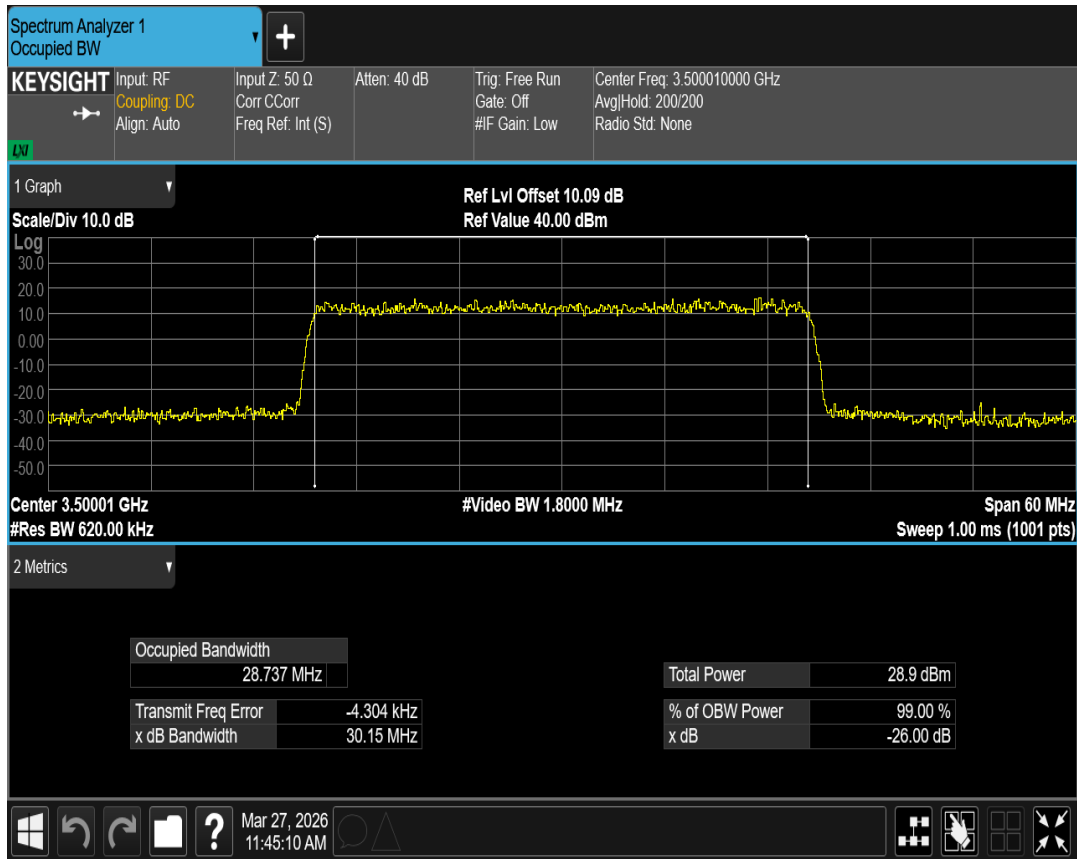
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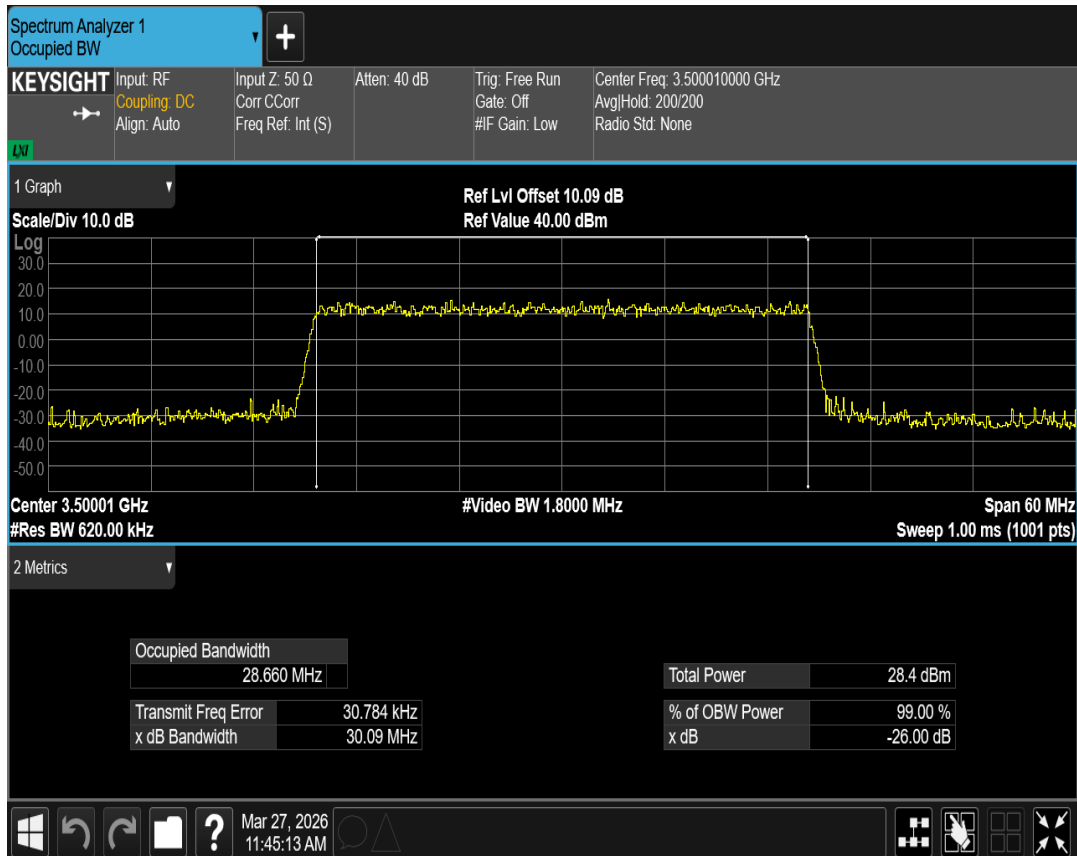
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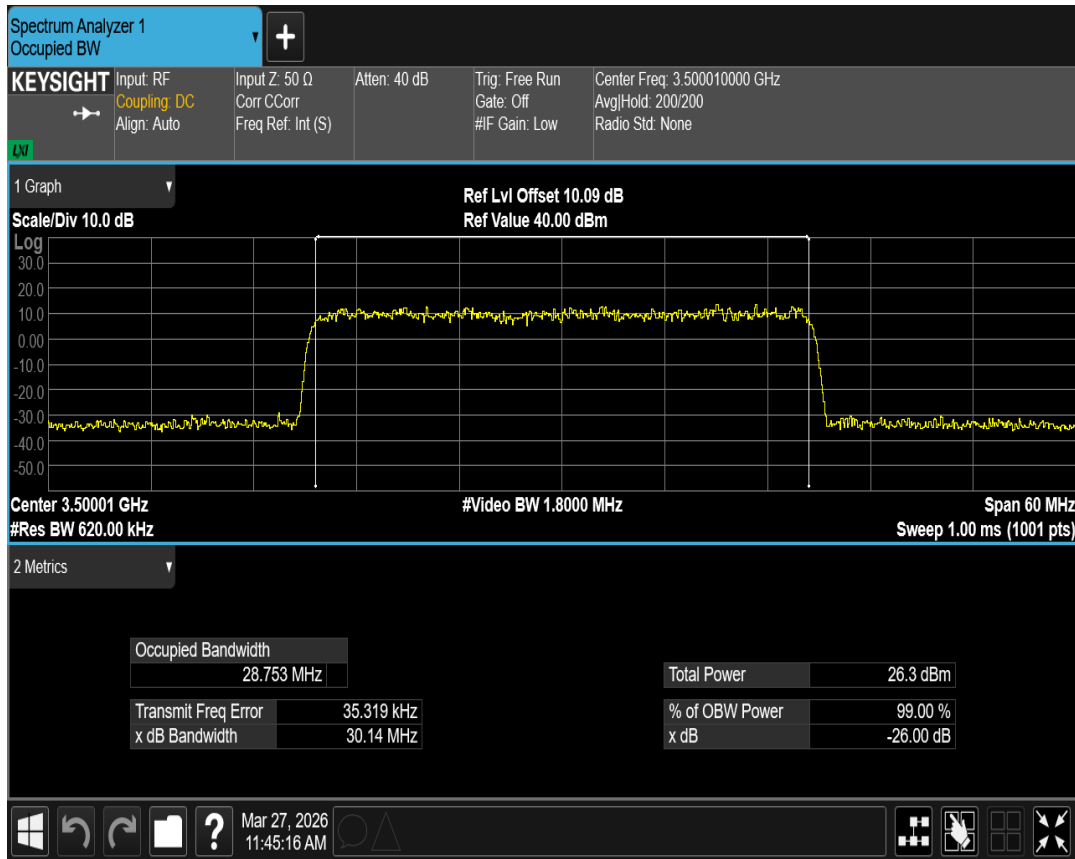
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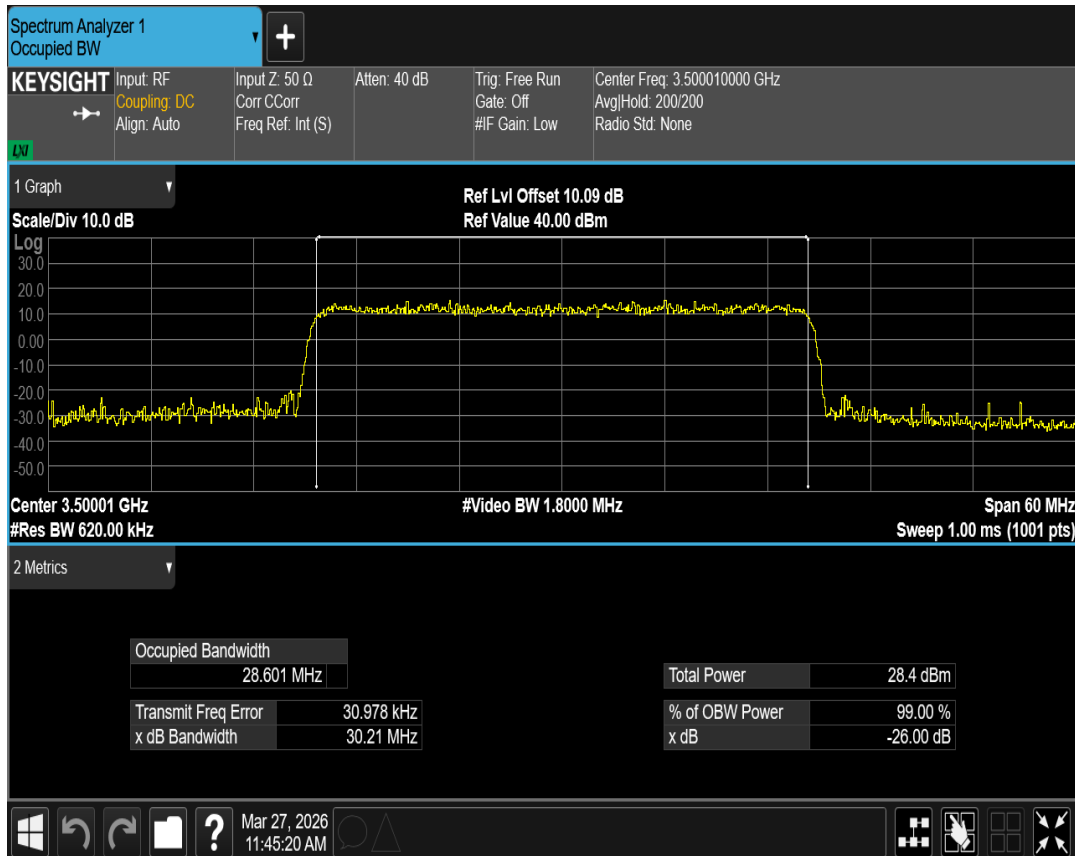
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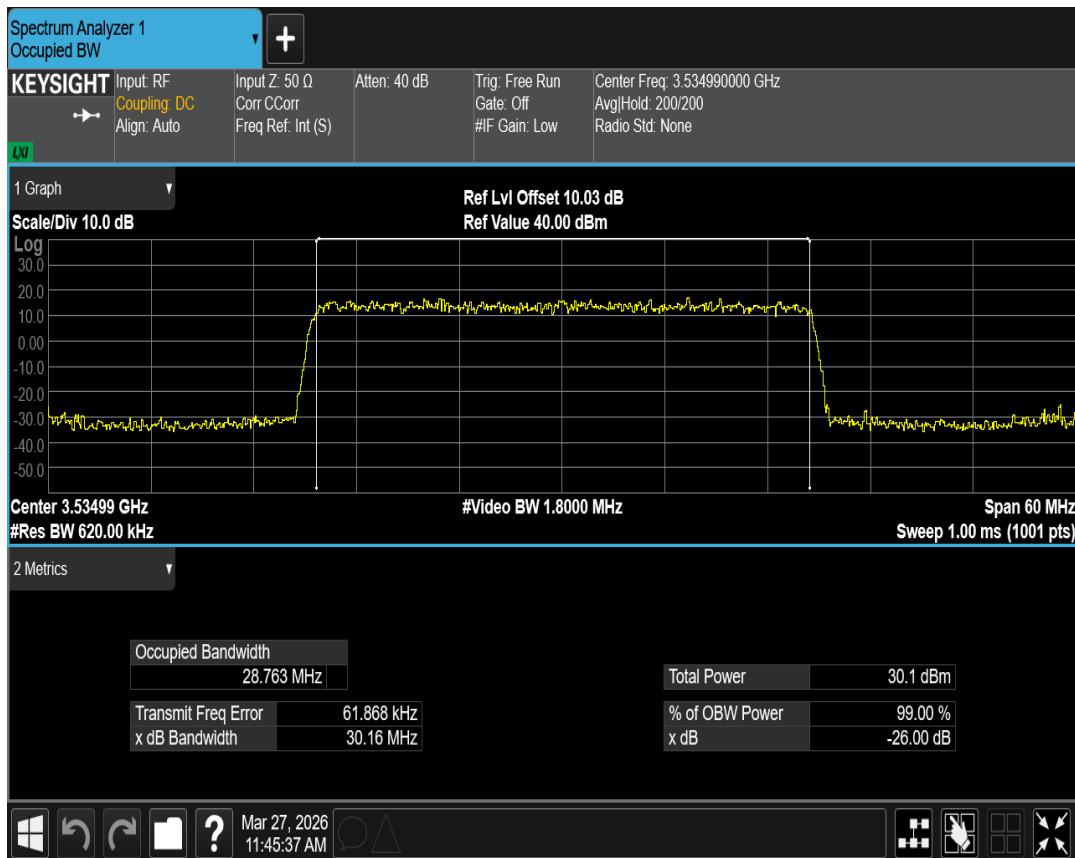
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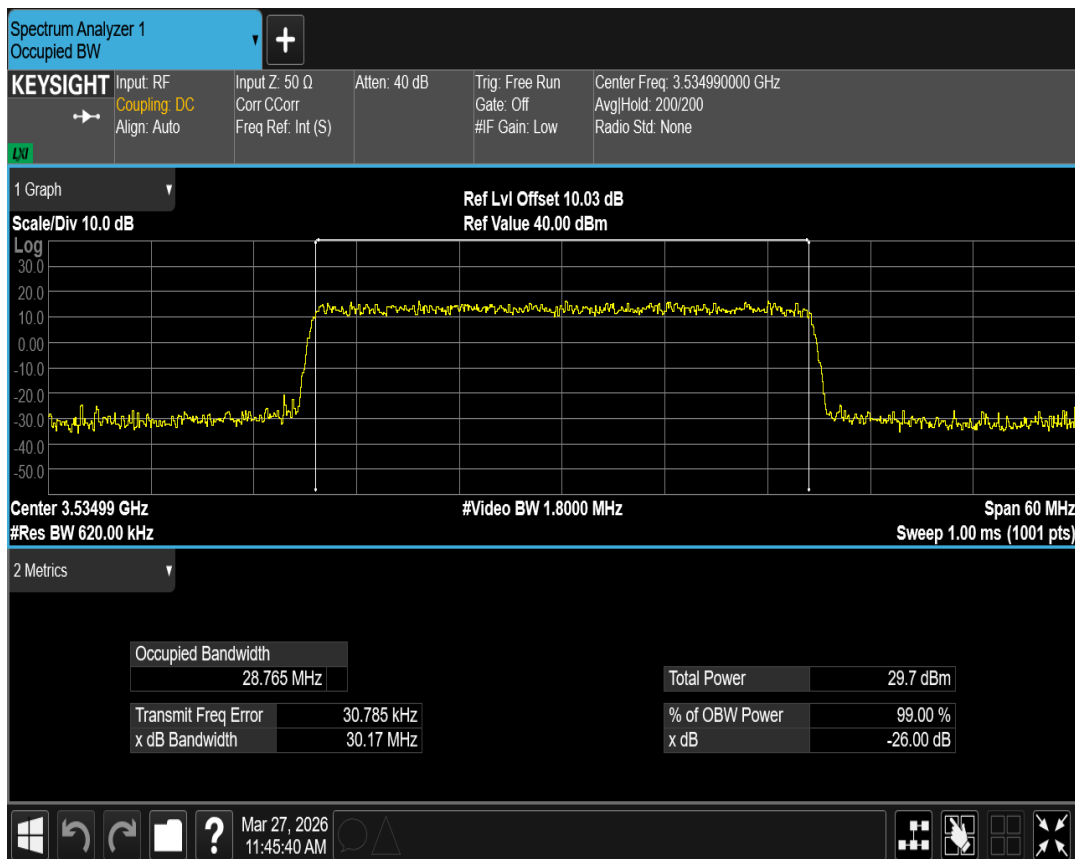
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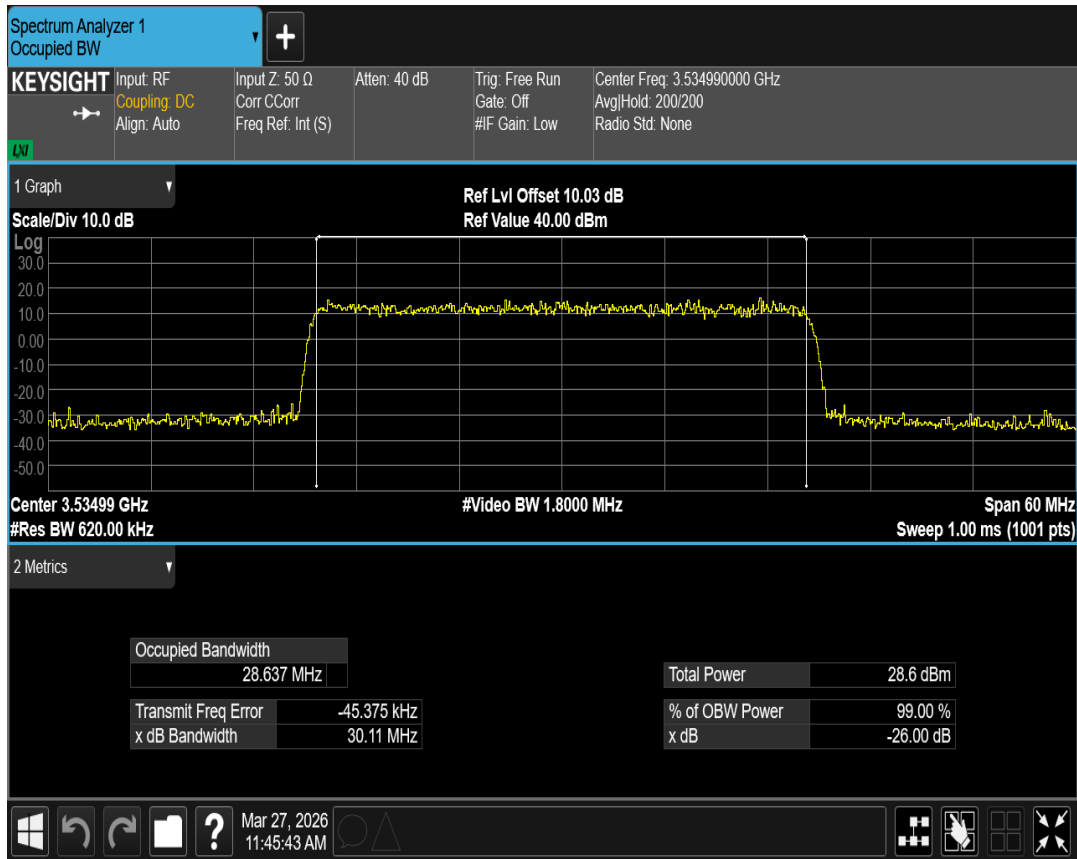
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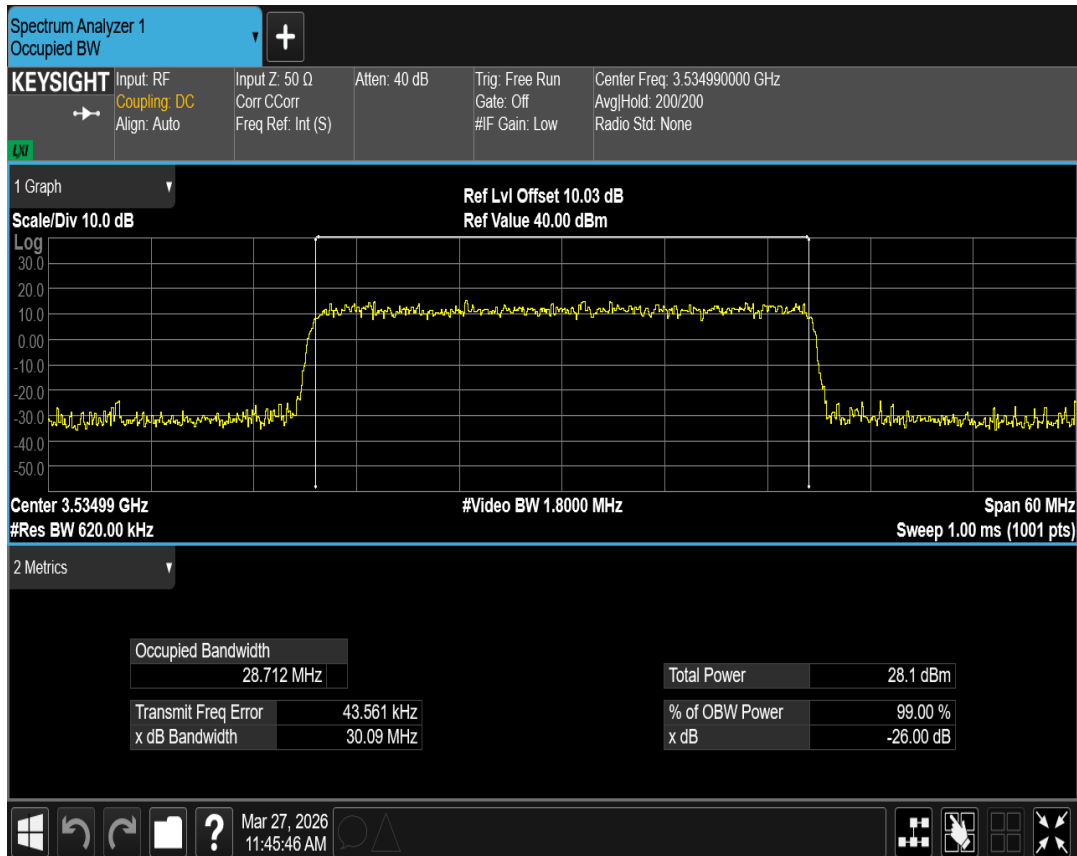
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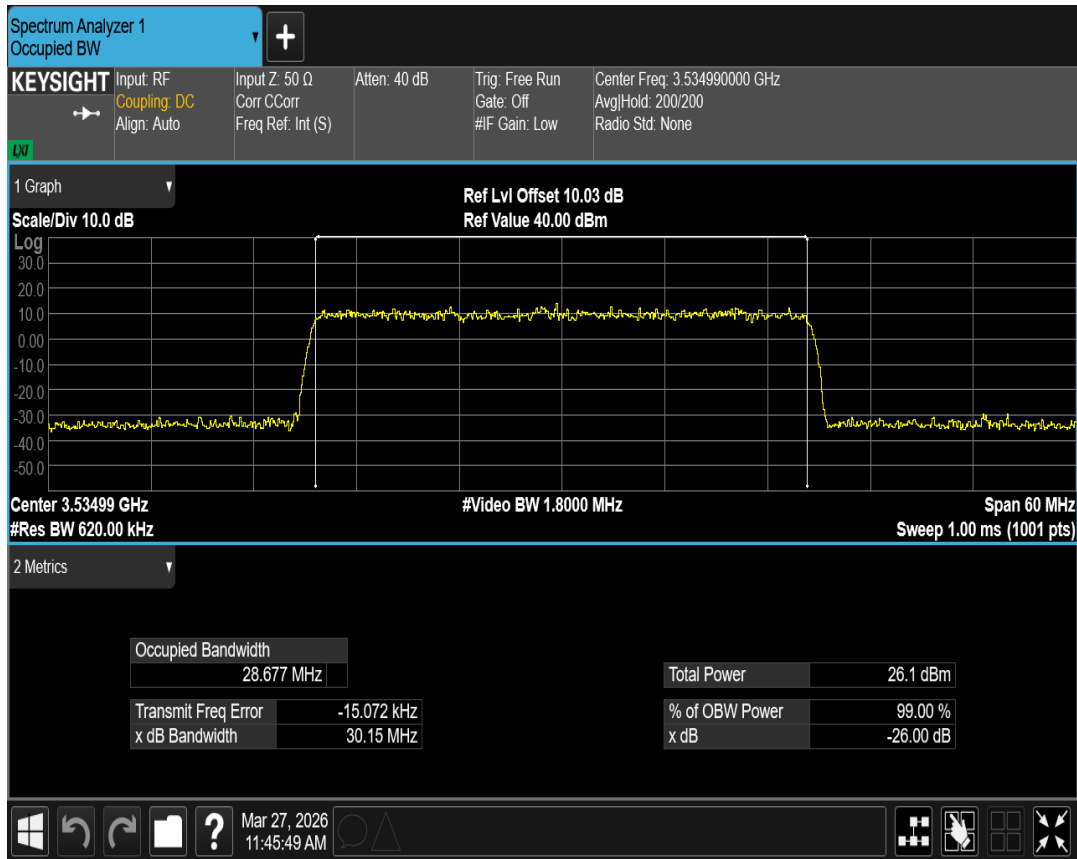
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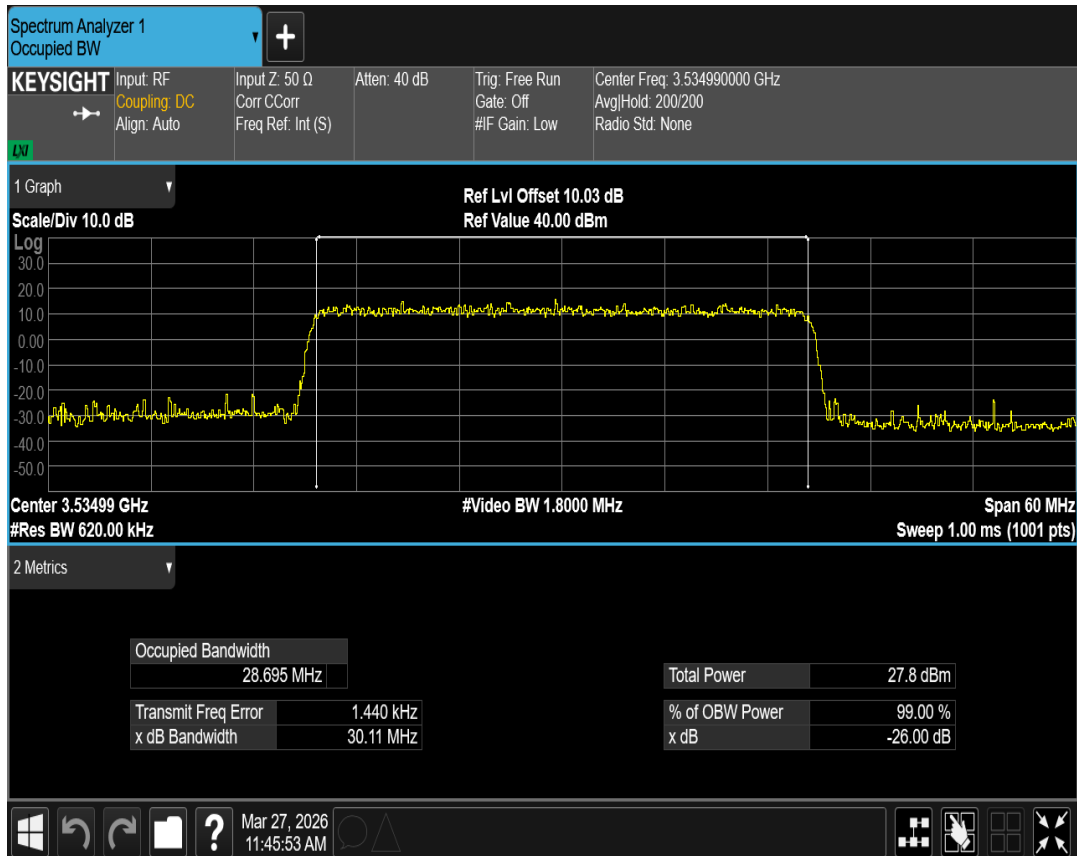
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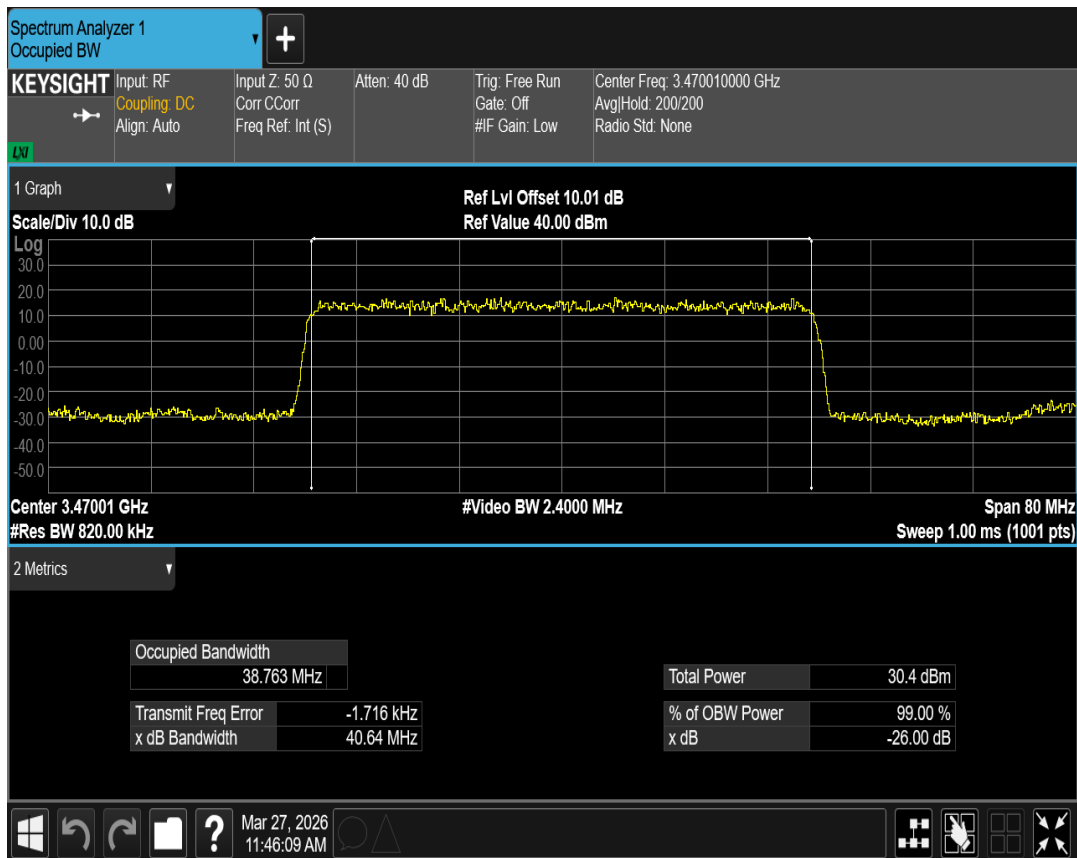
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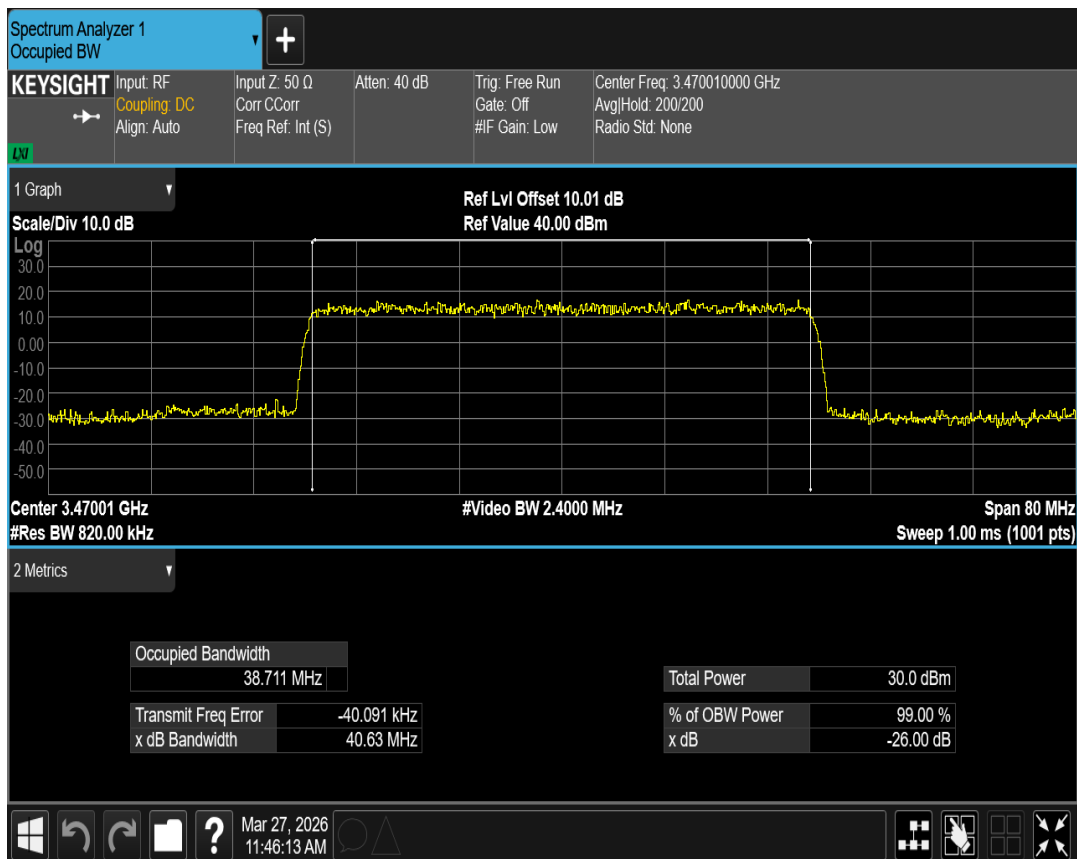
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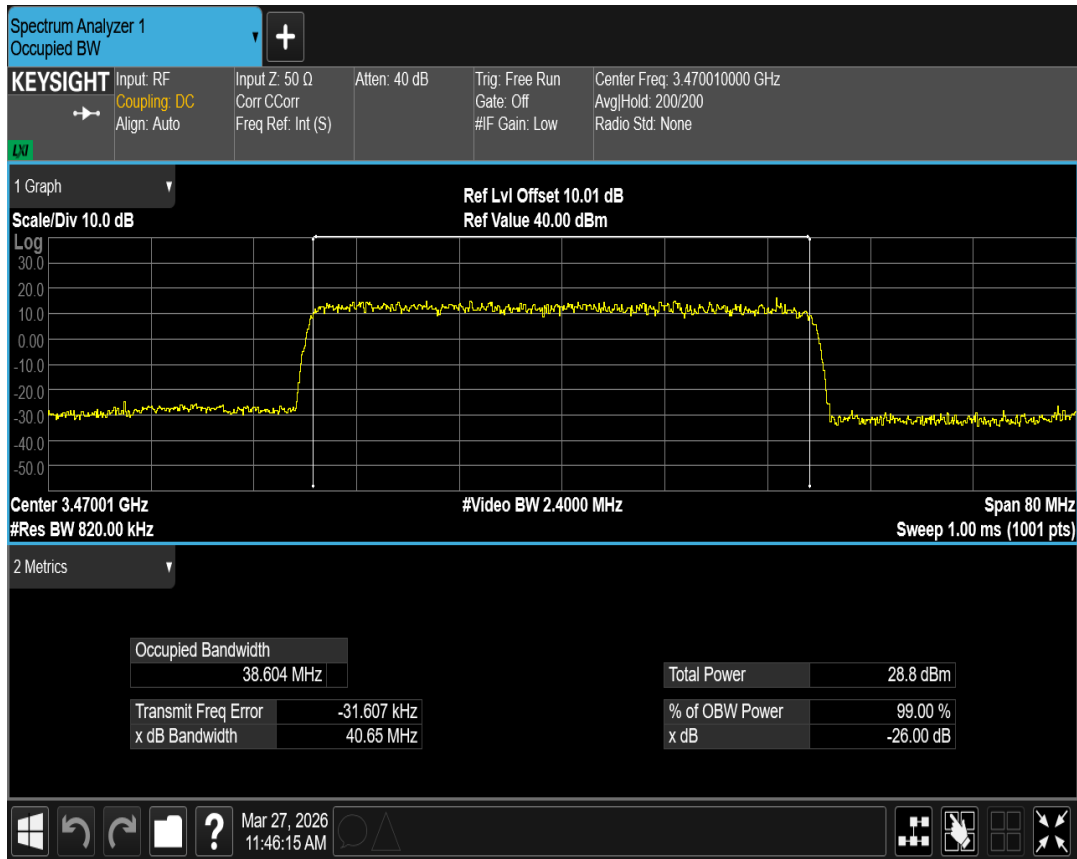
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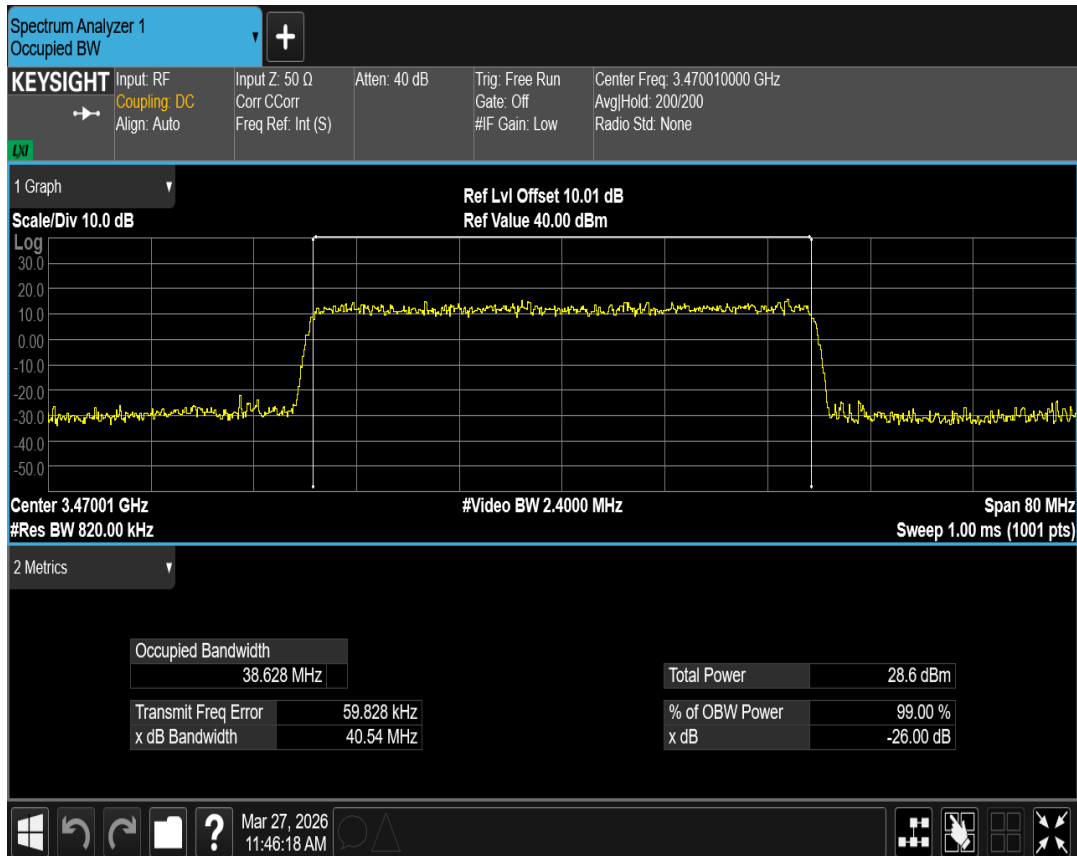
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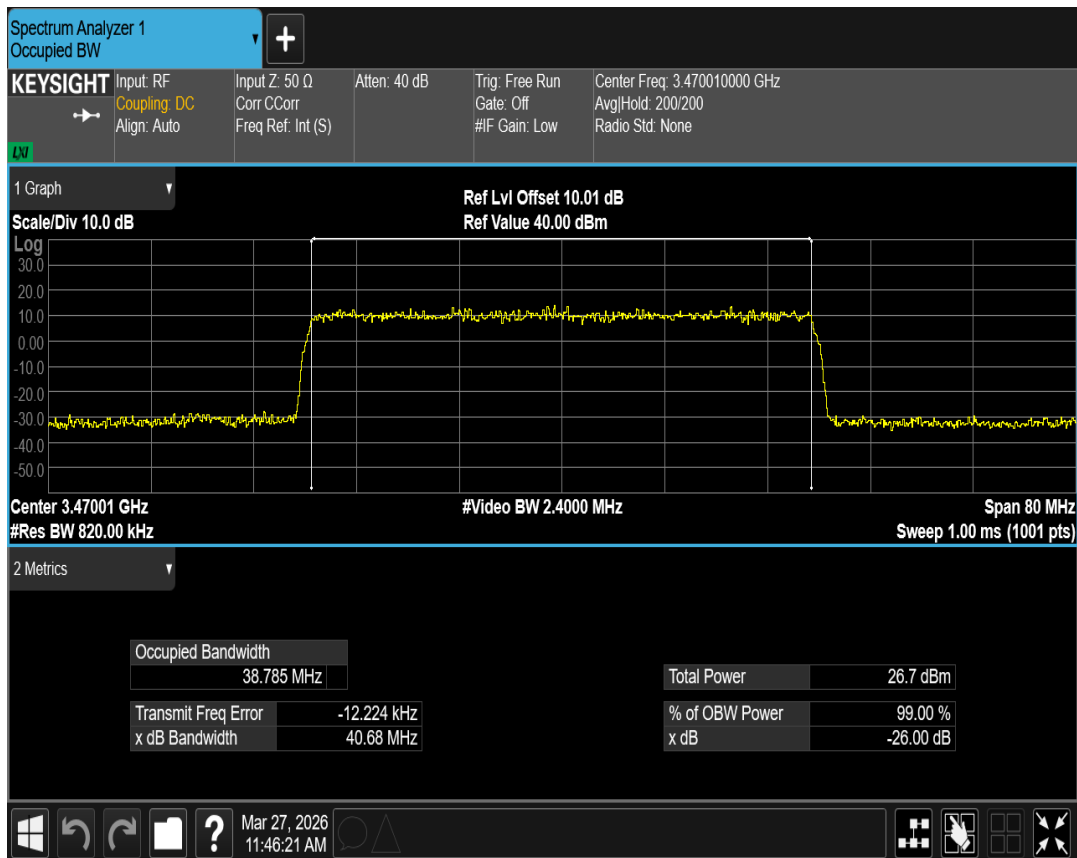
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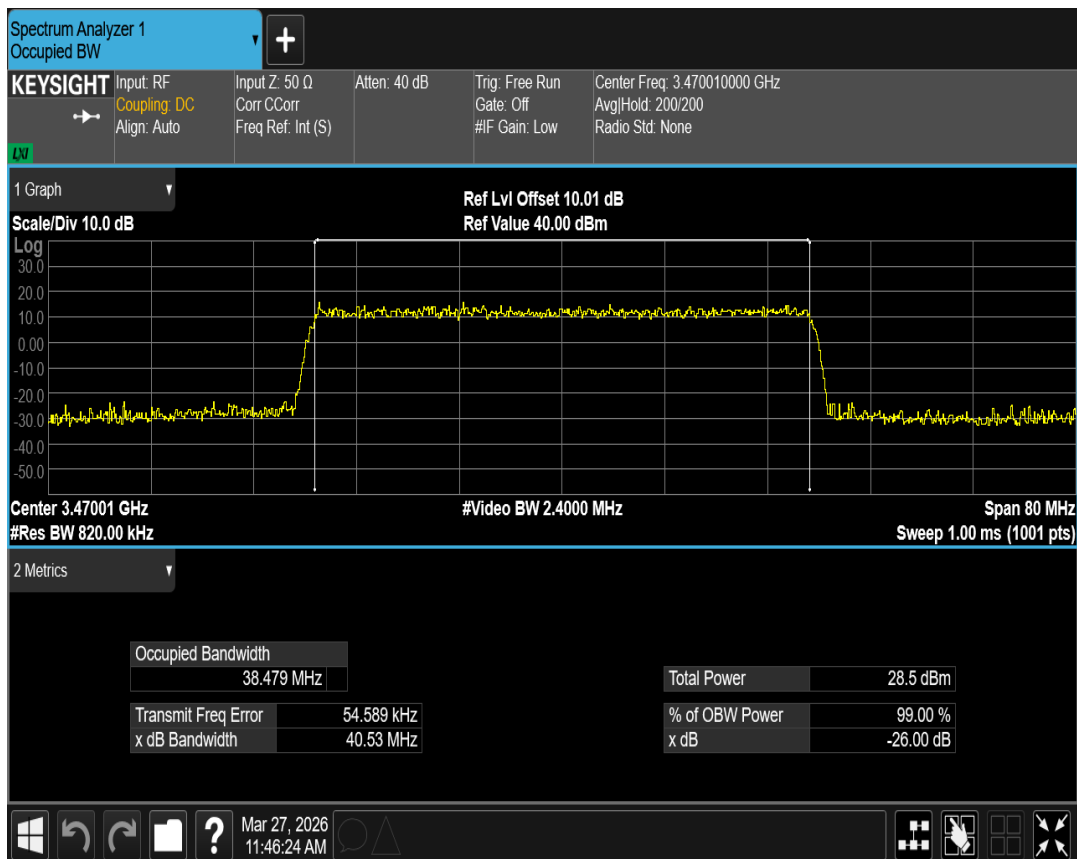
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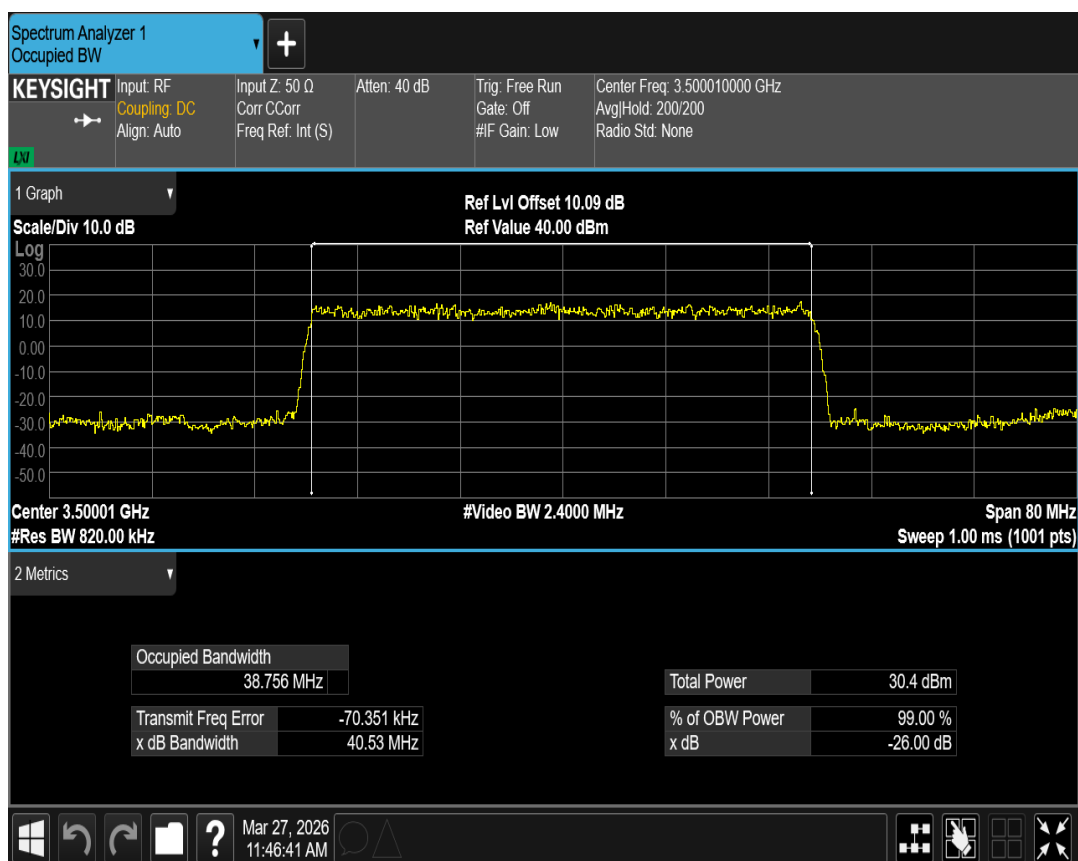
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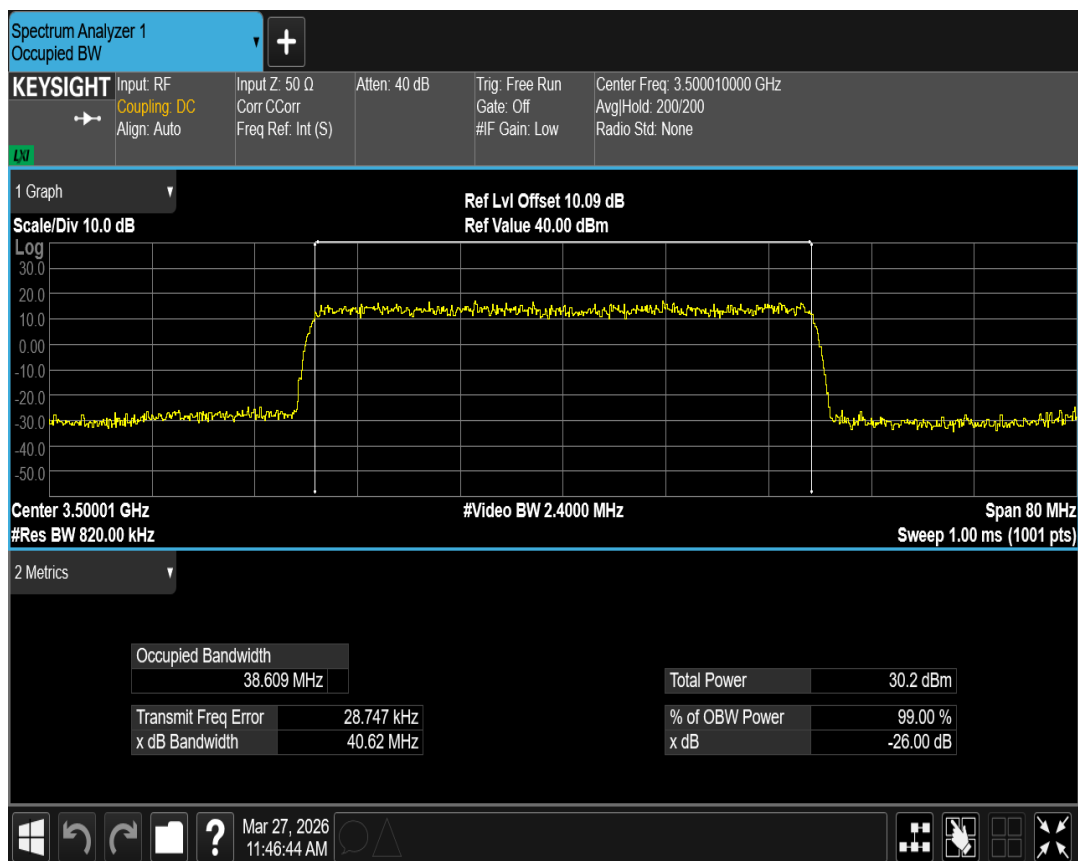
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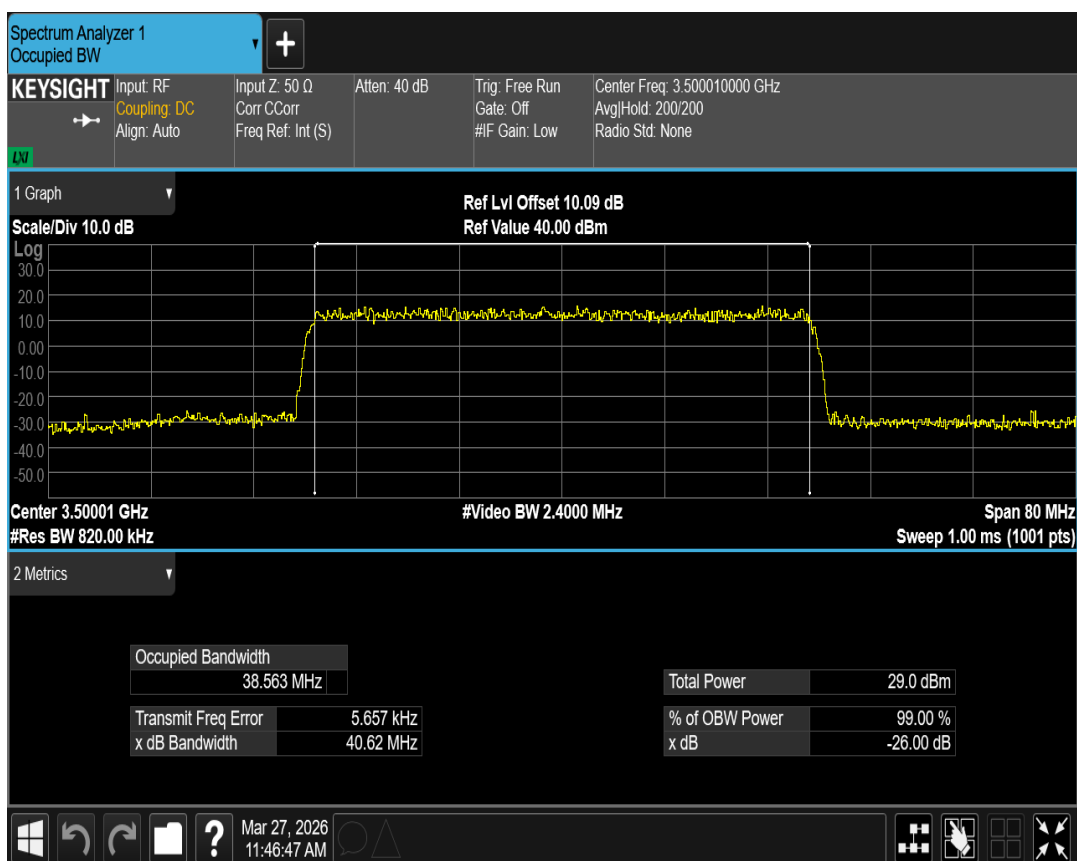
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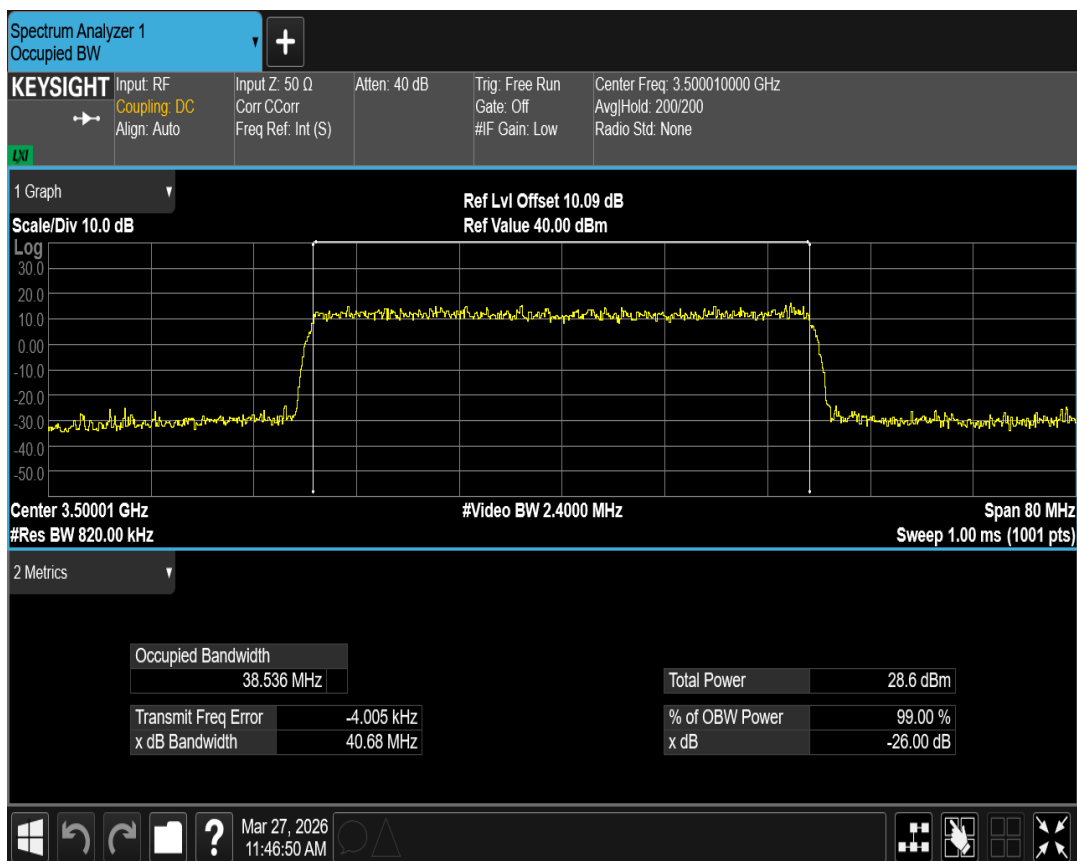
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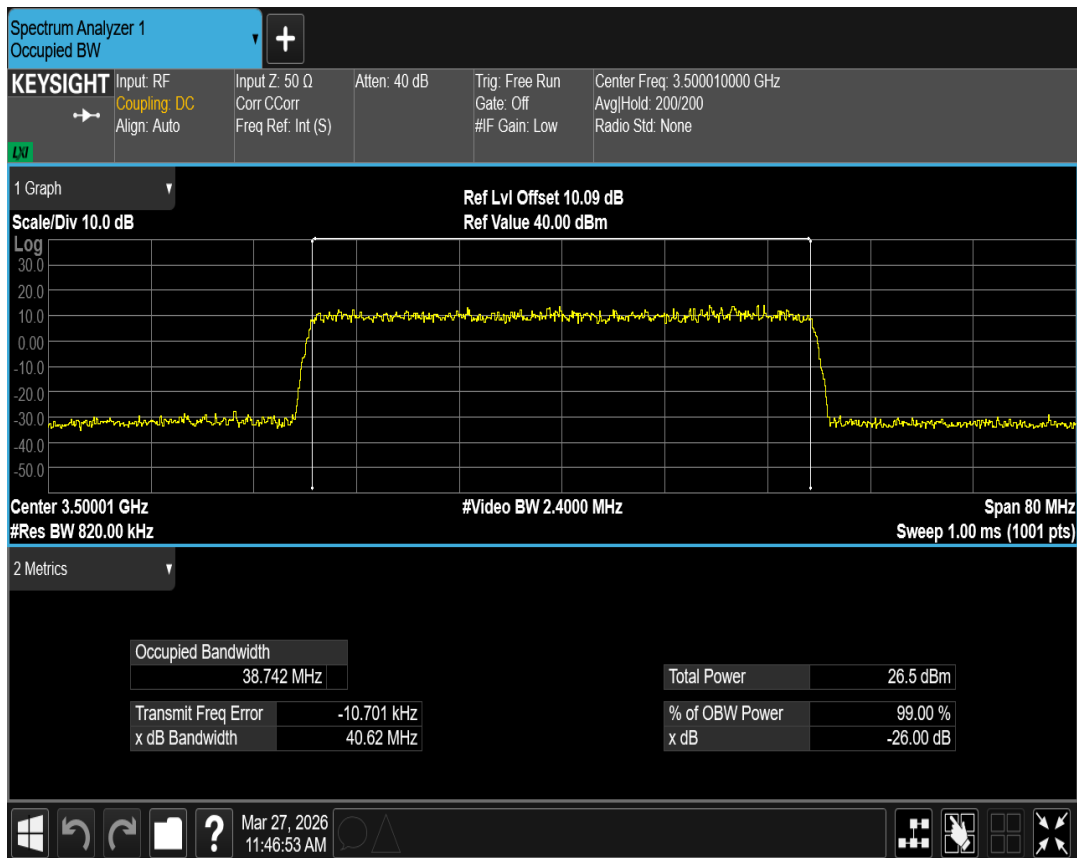
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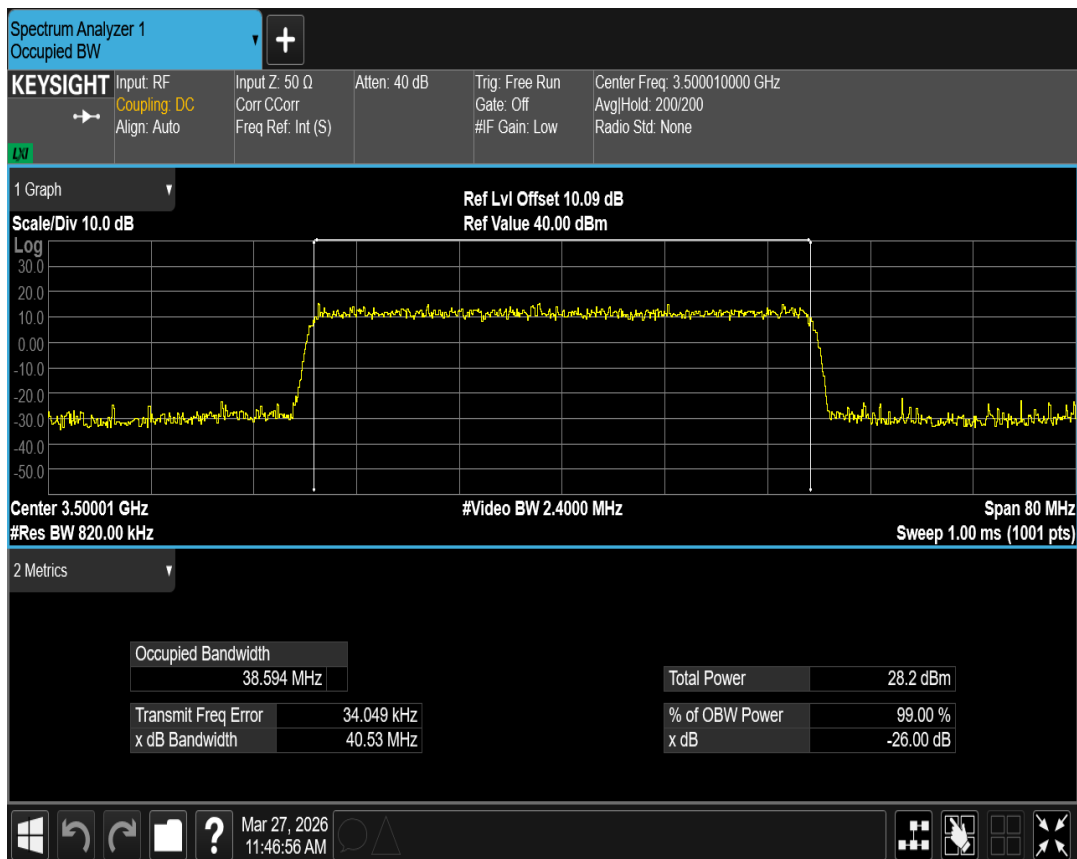
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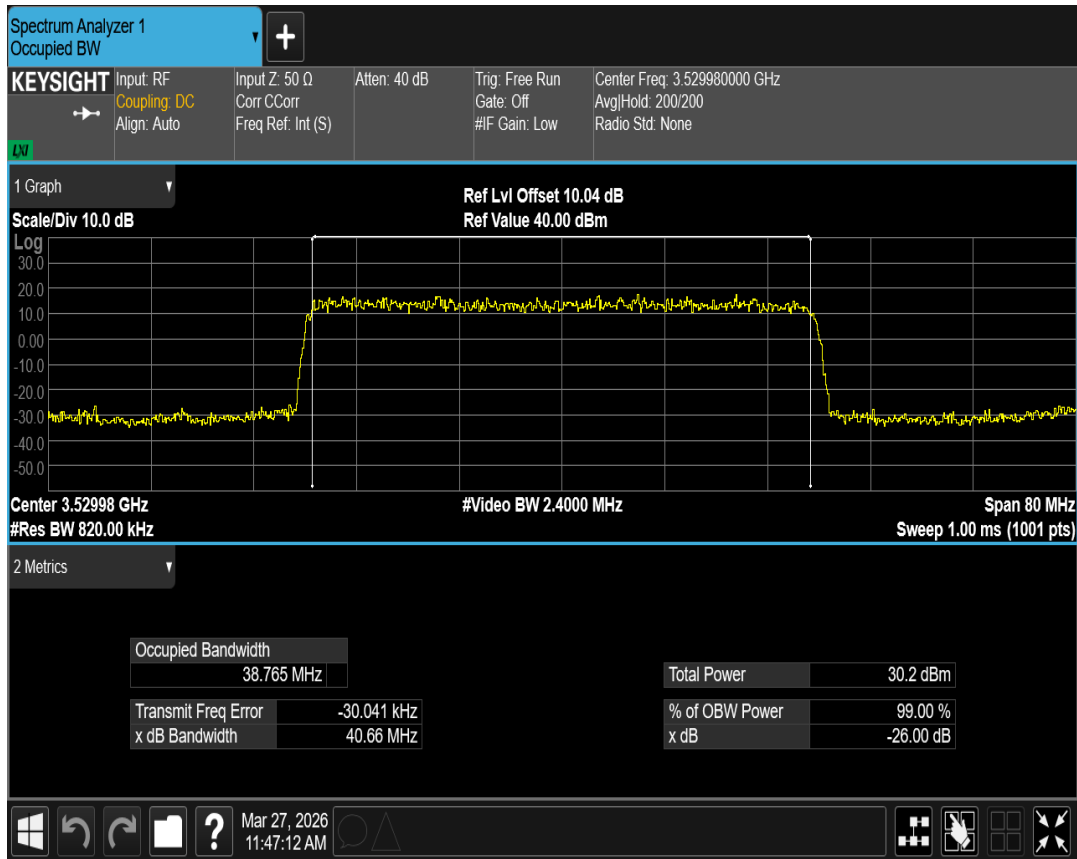
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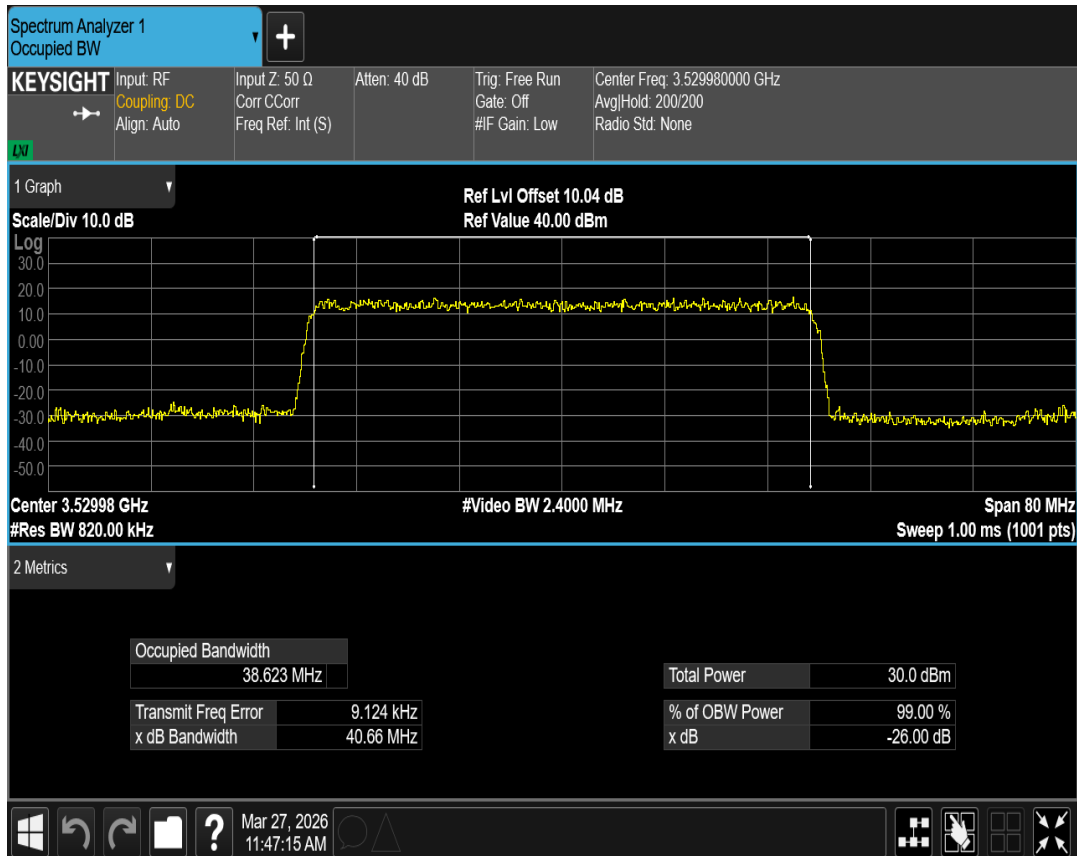
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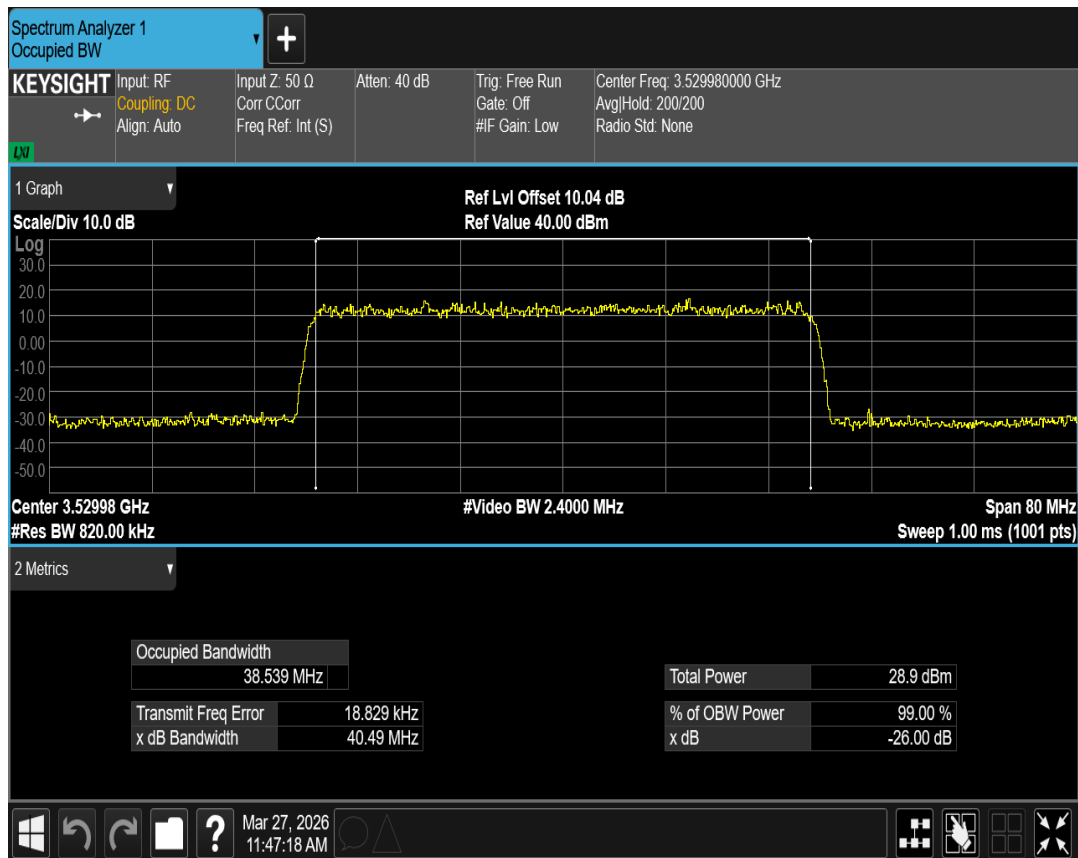
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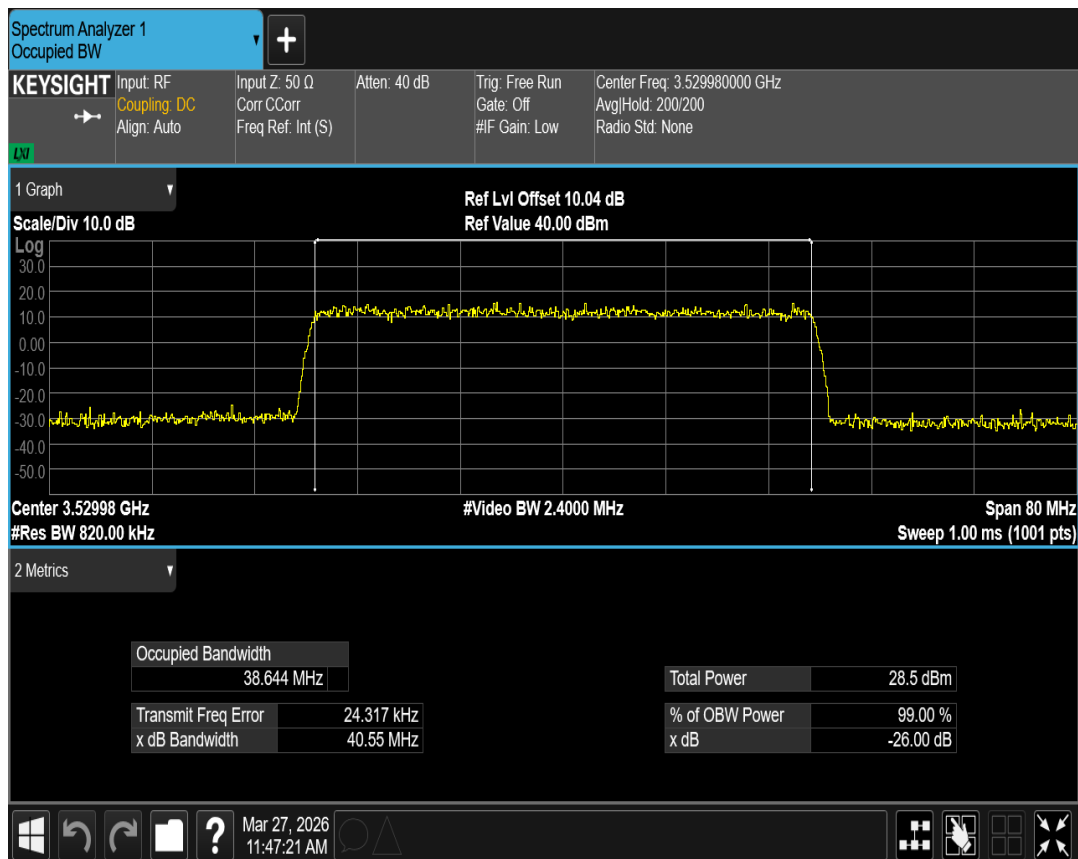
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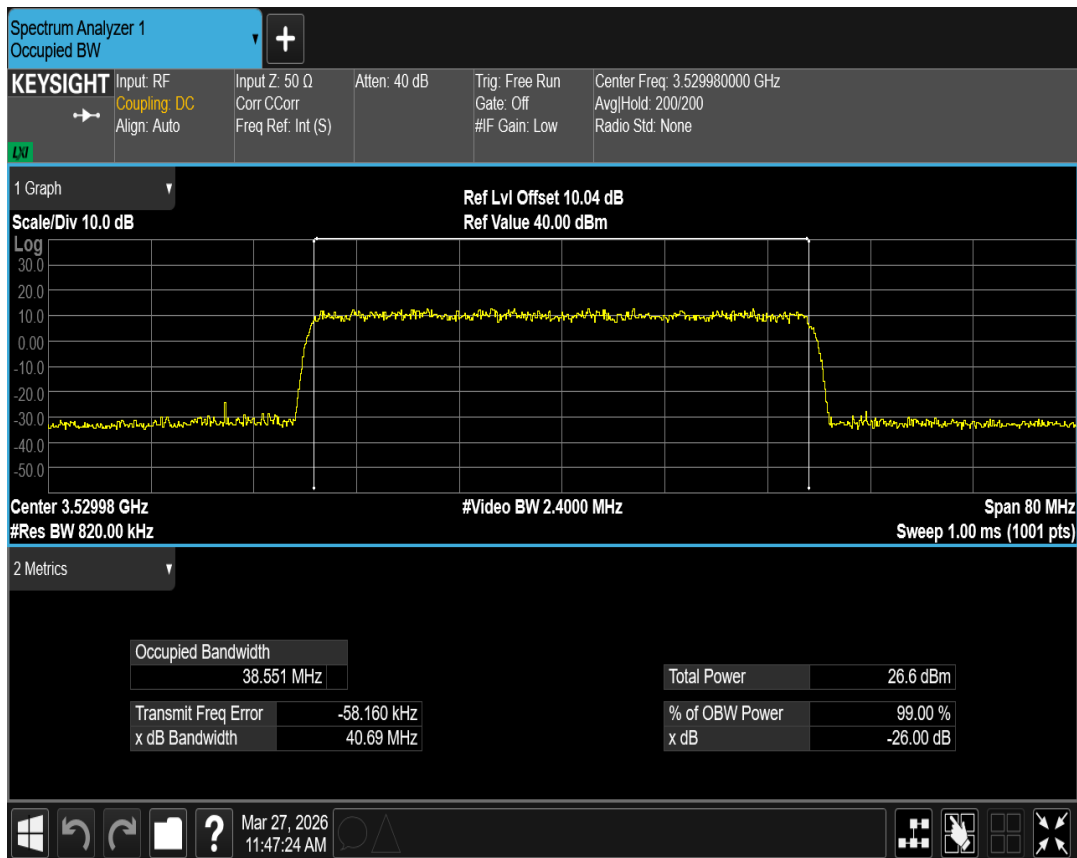
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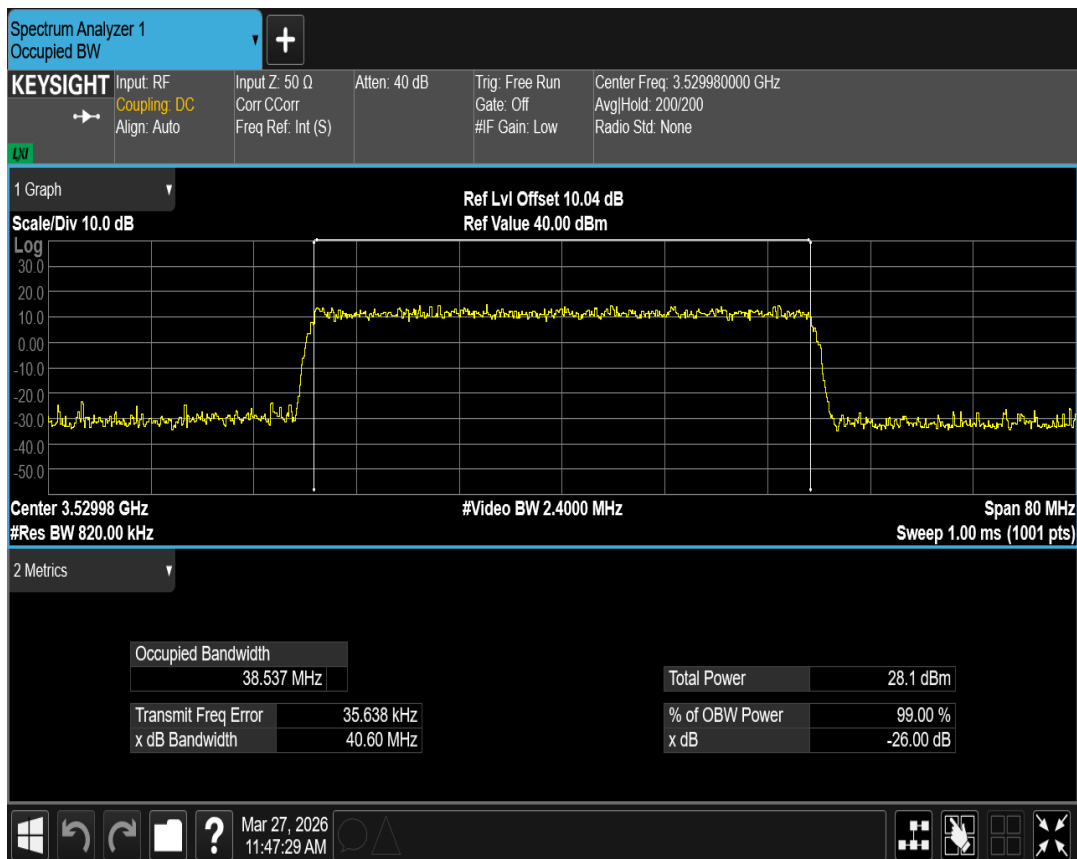
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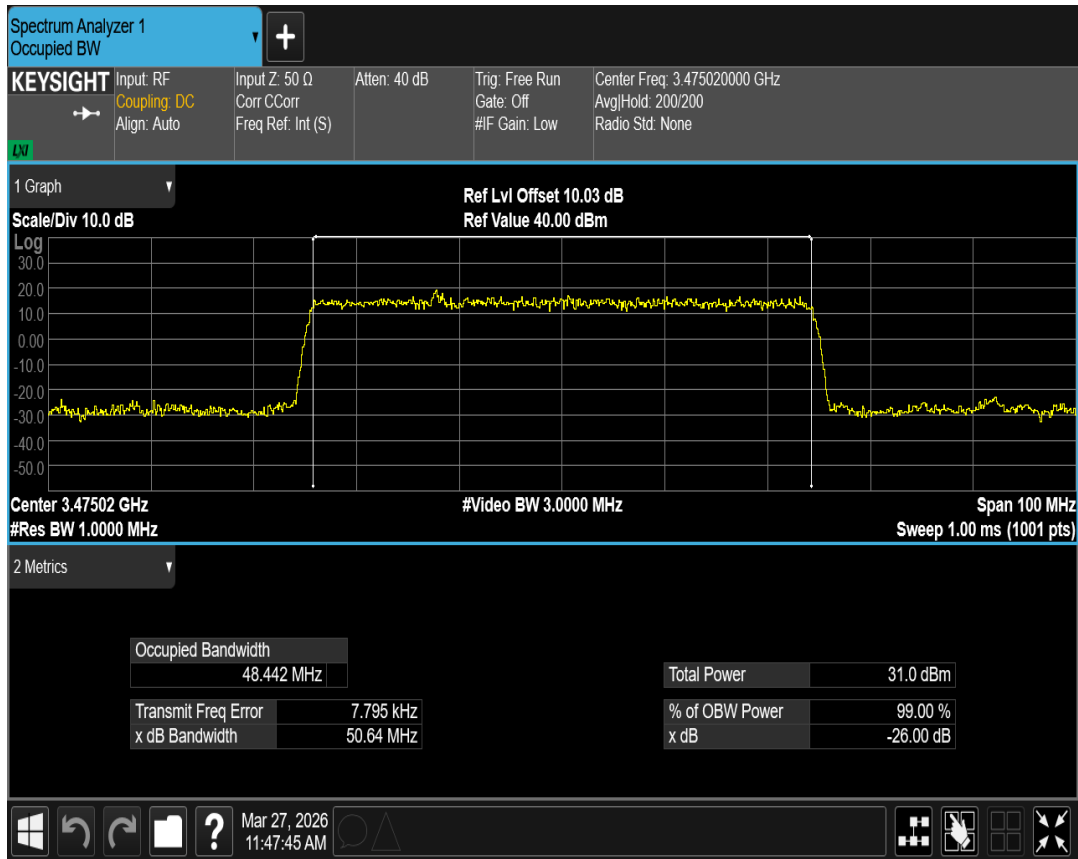
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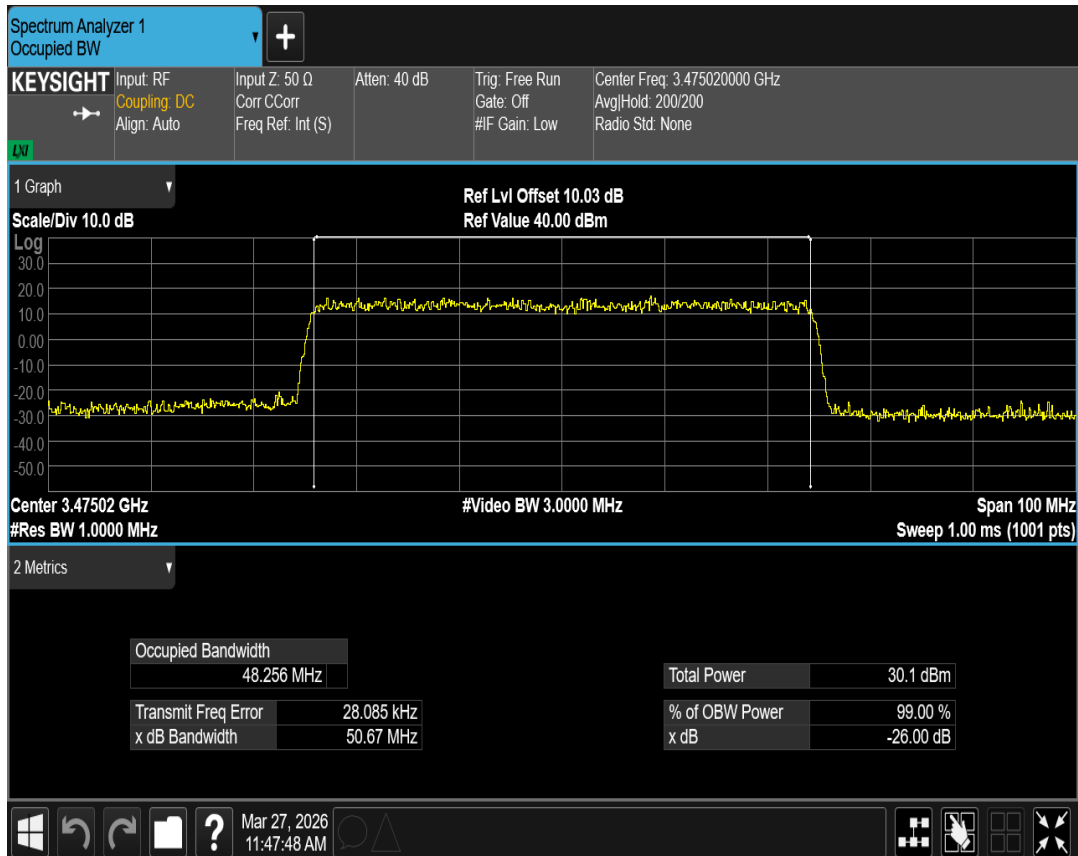
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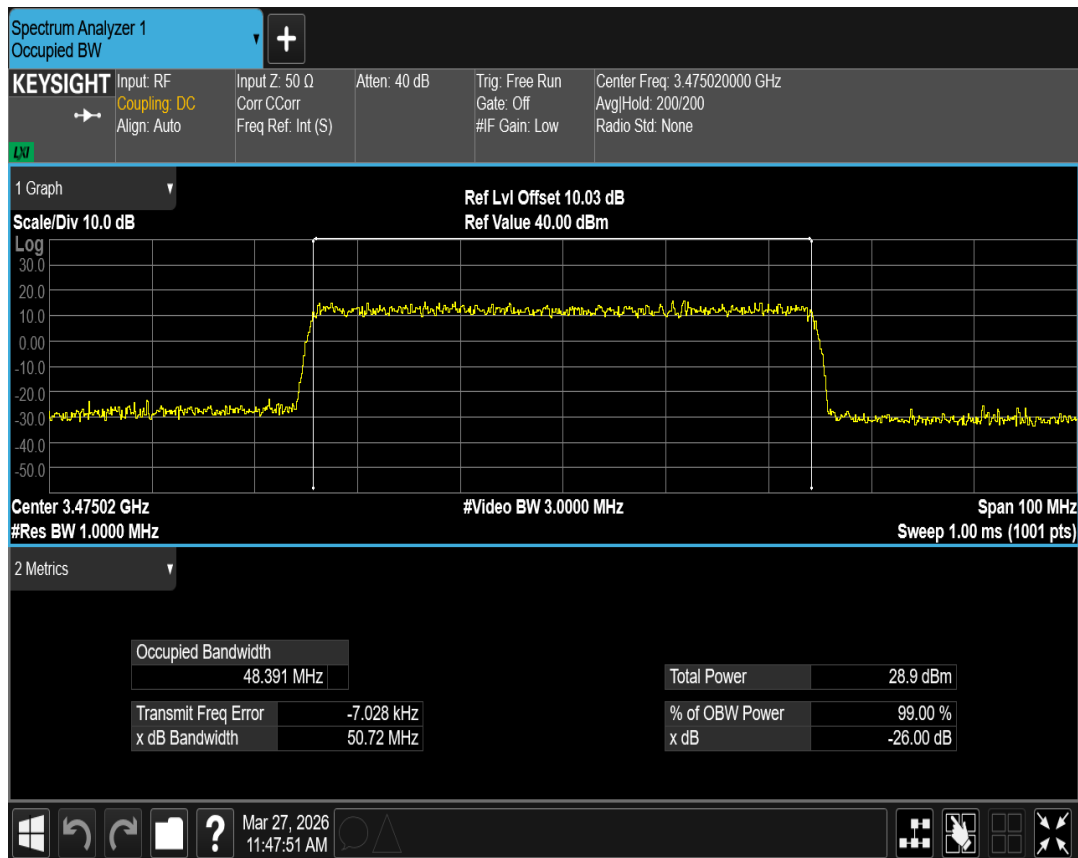
n78(3450-3550) SCS=15kHz DFT\_BPSK BW=50MHz Channel=631668 RB=270@0



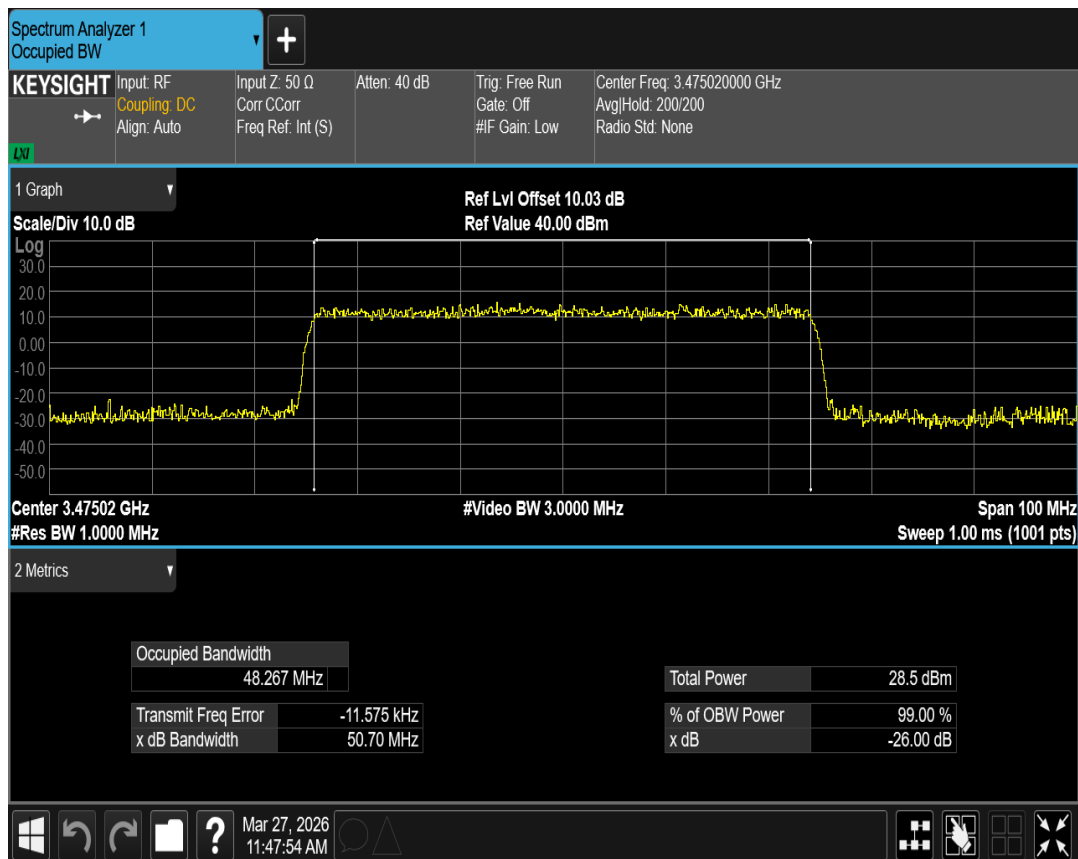
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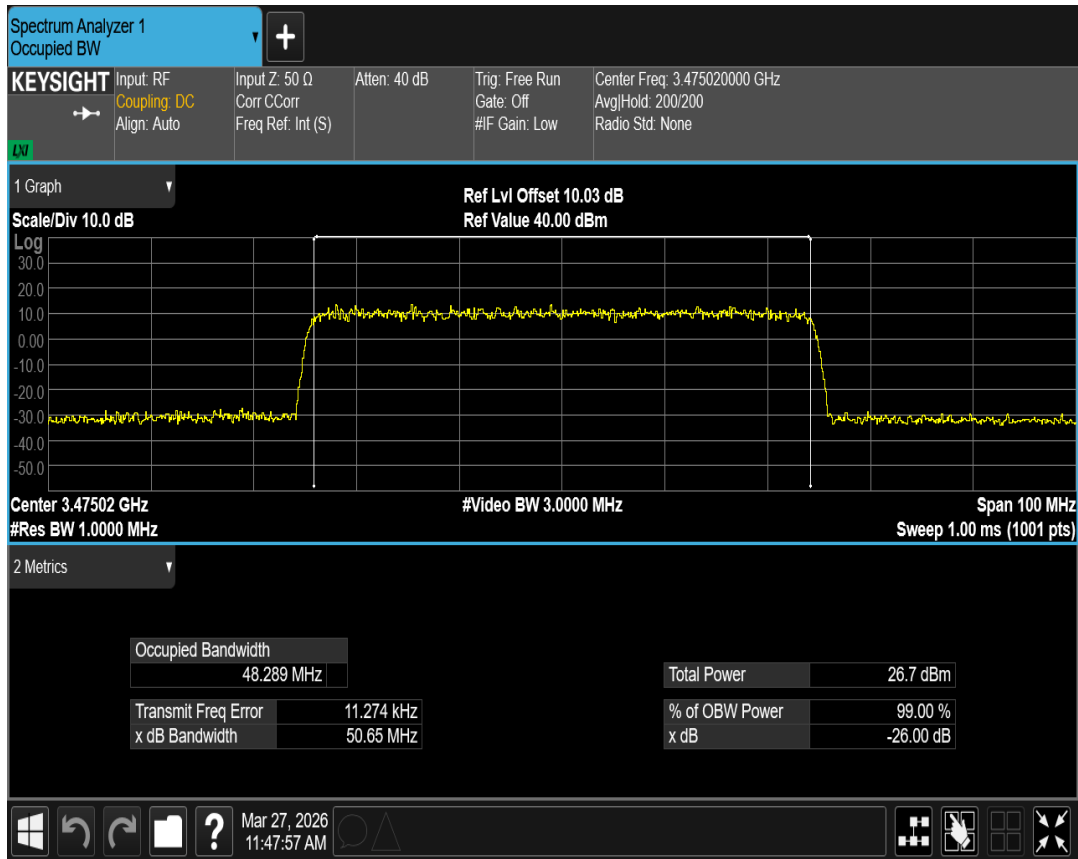
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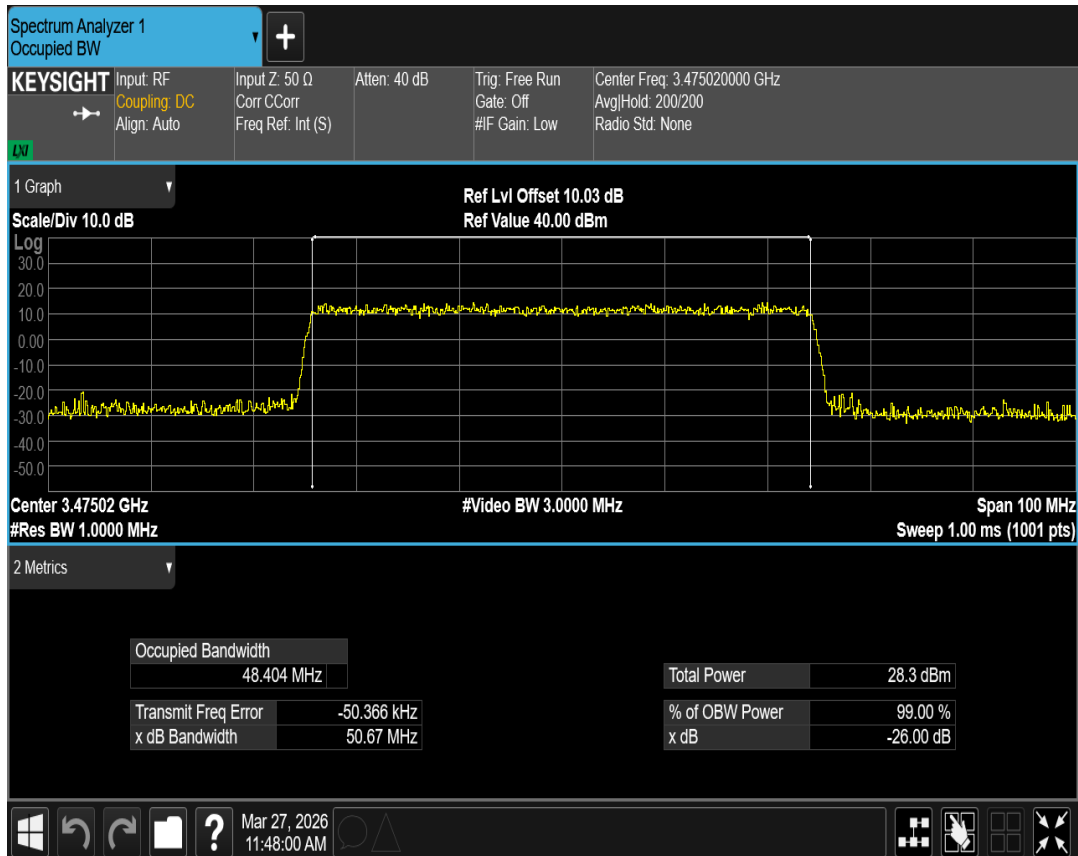
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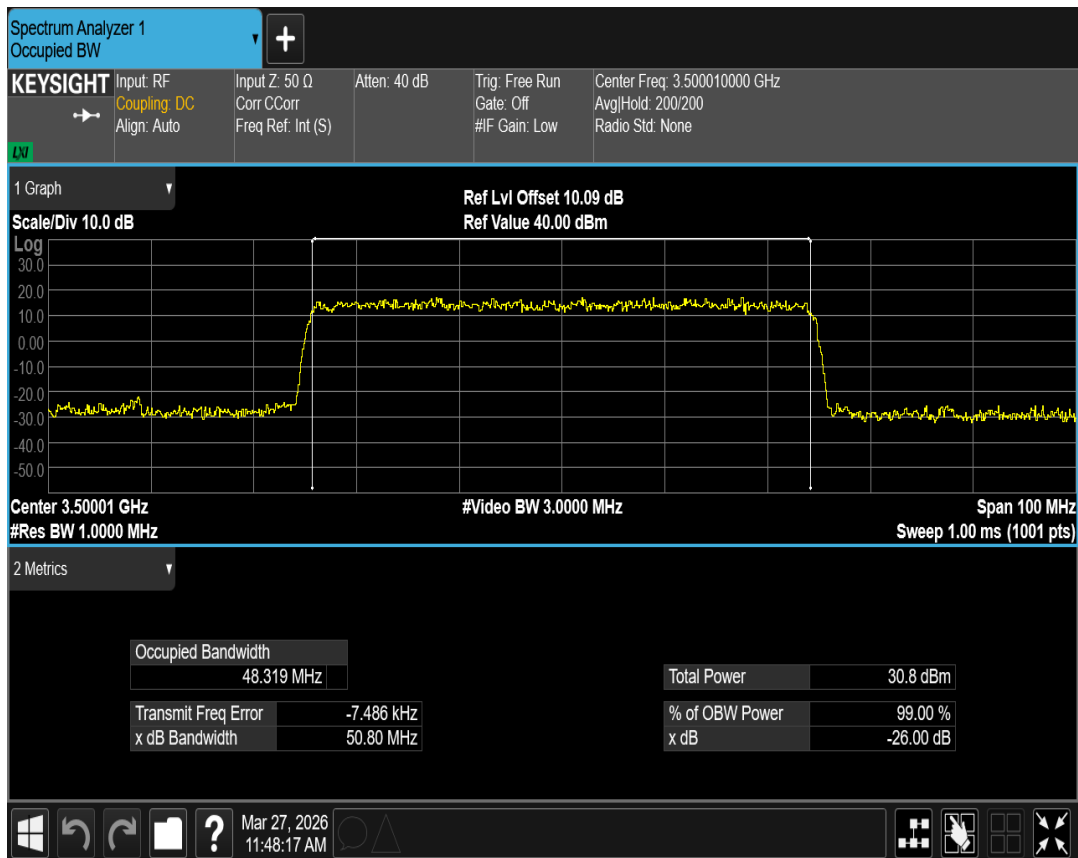
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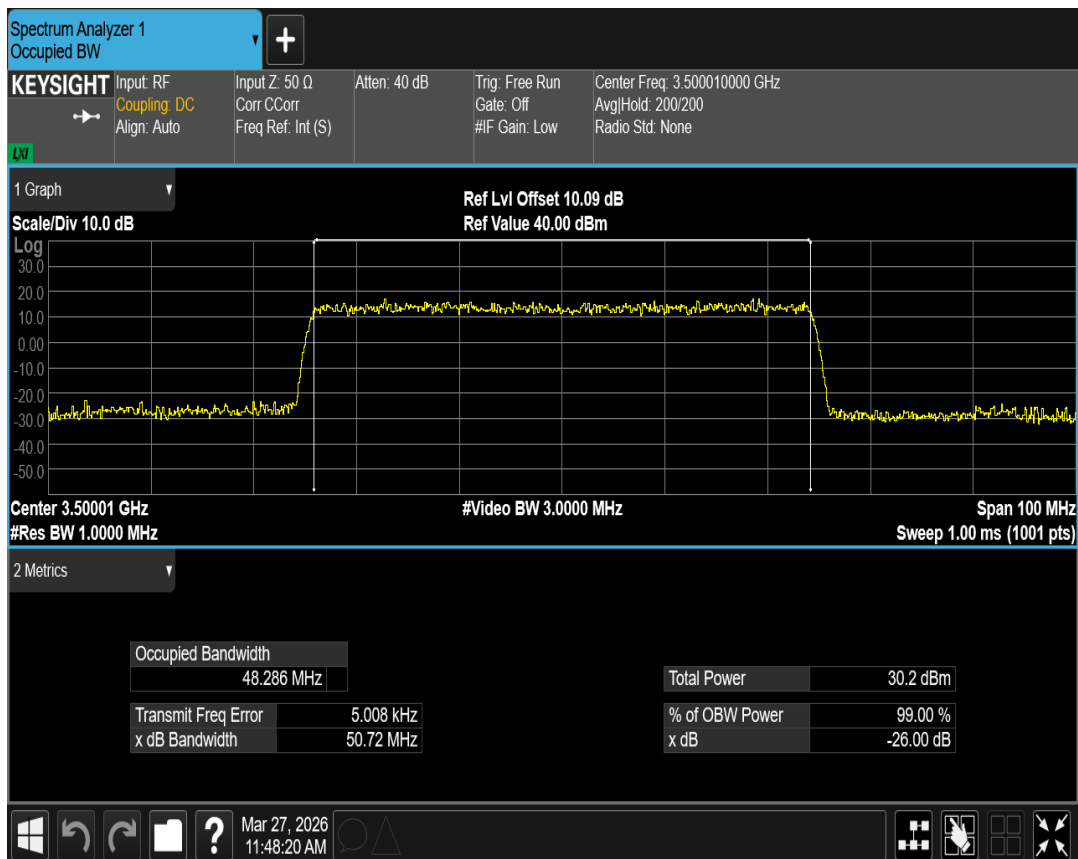
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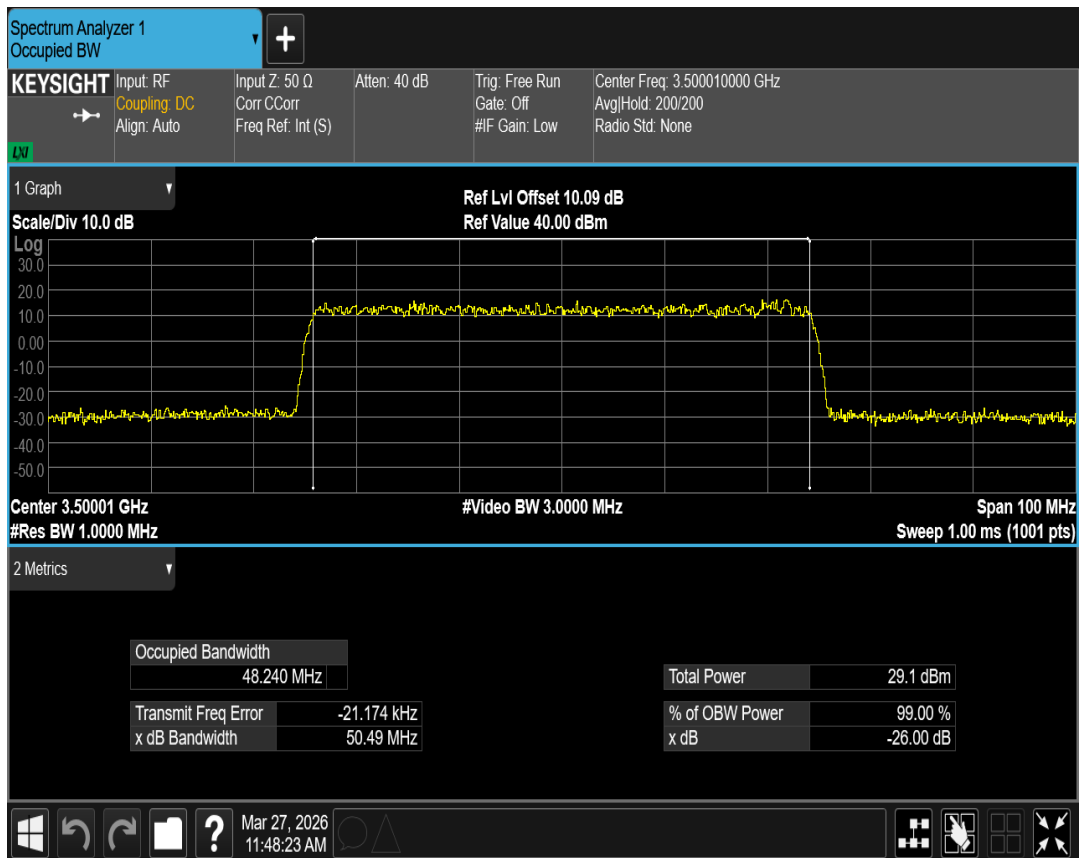
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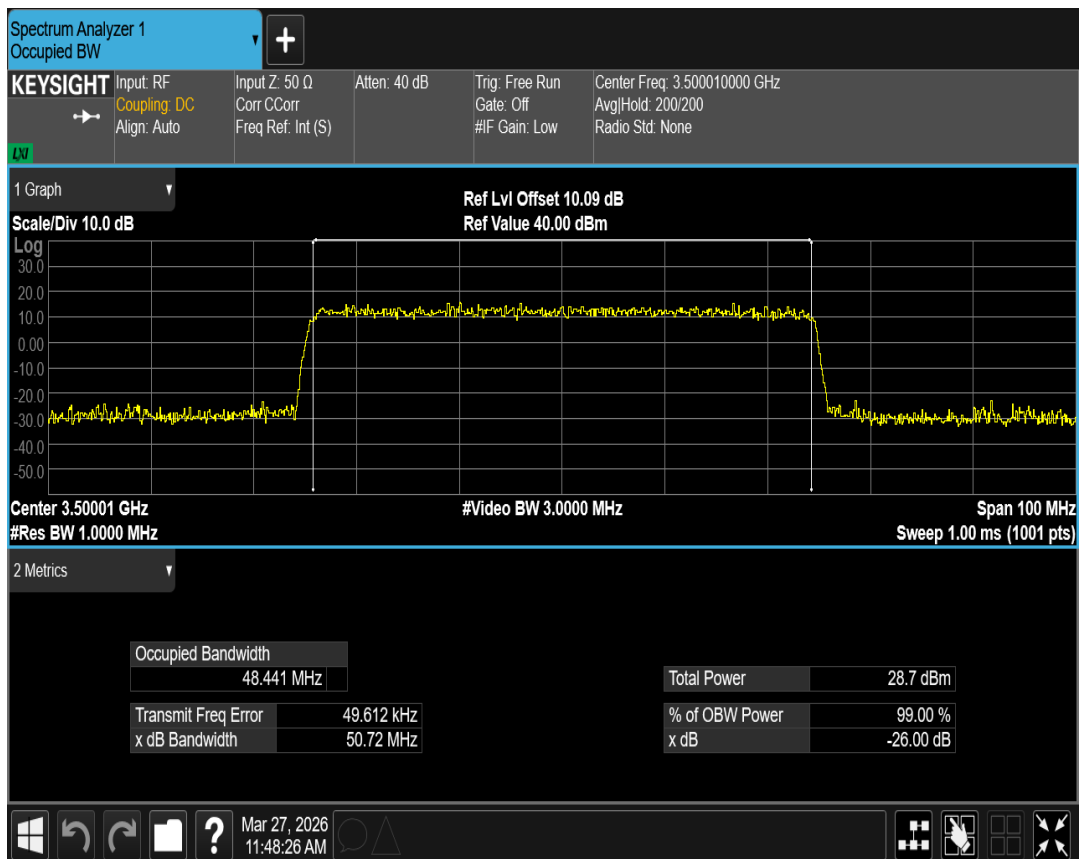
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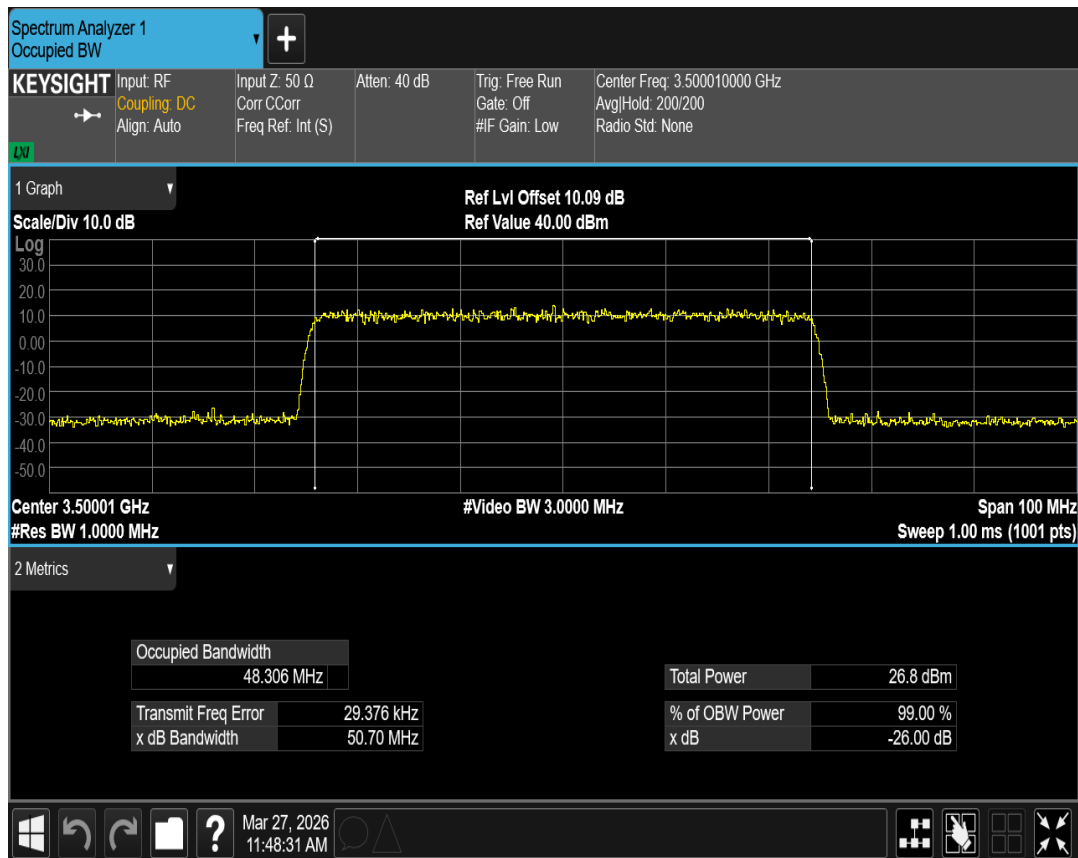
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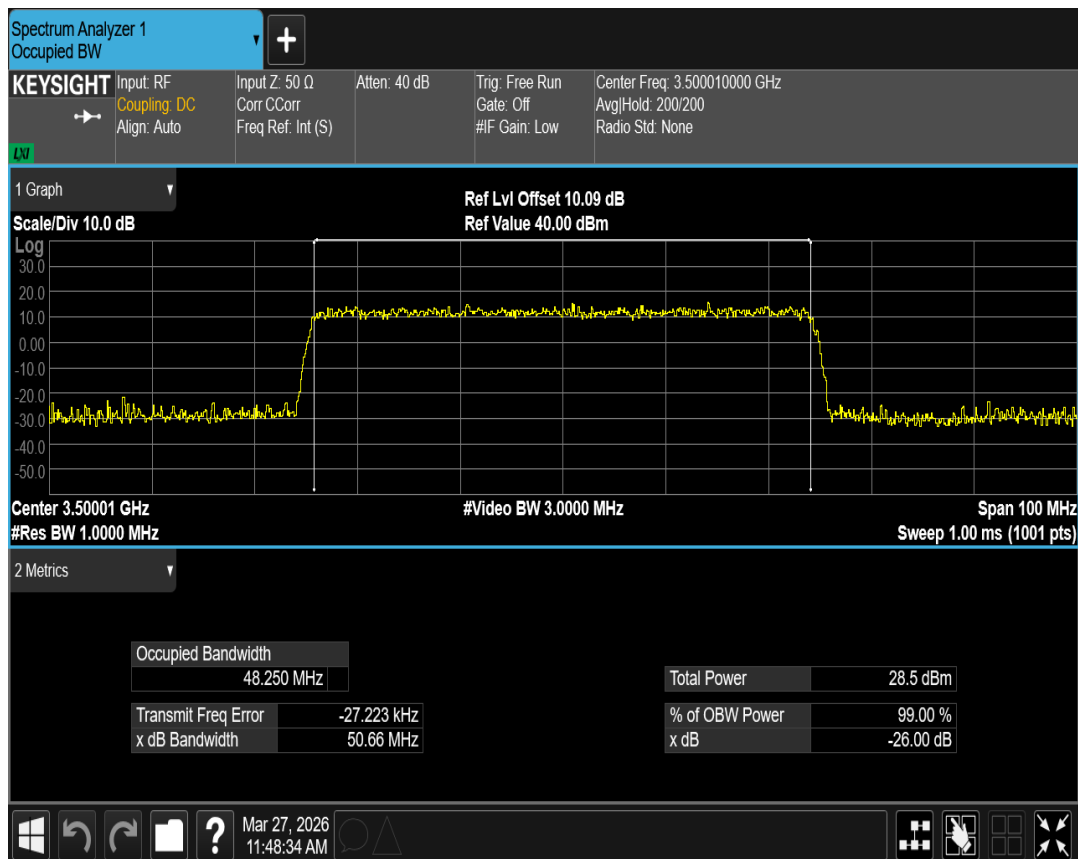
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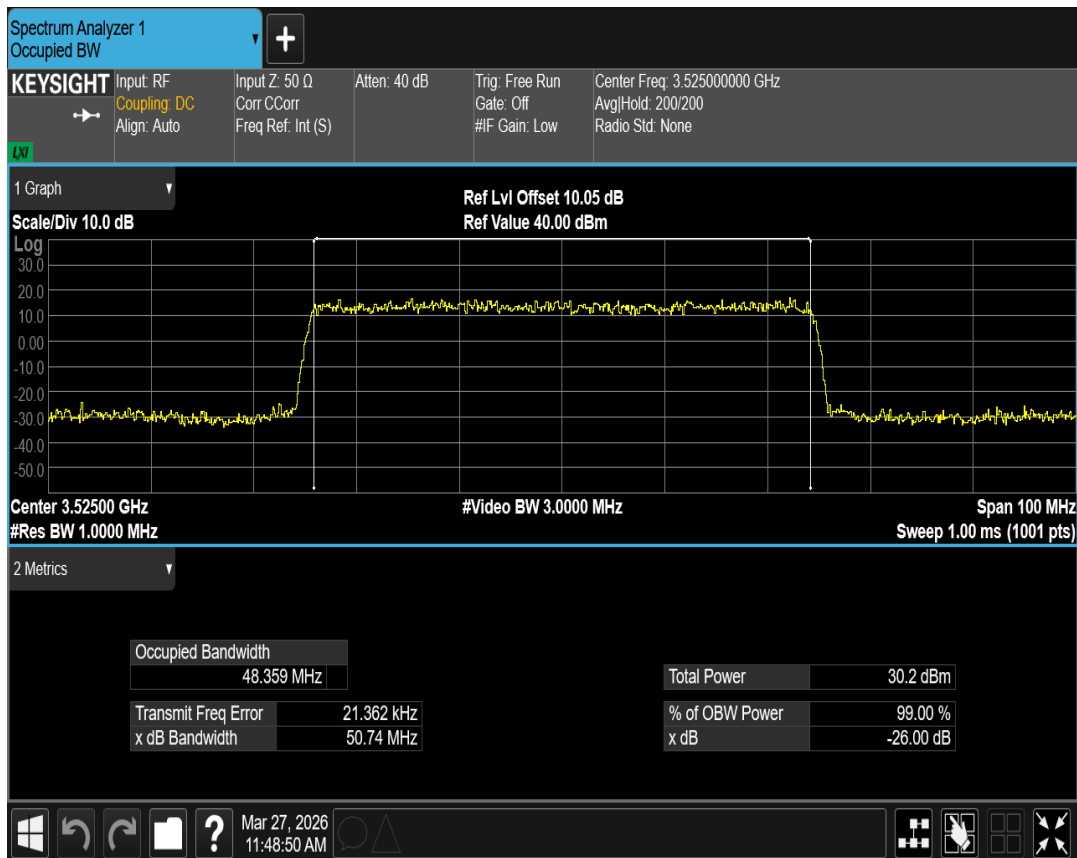
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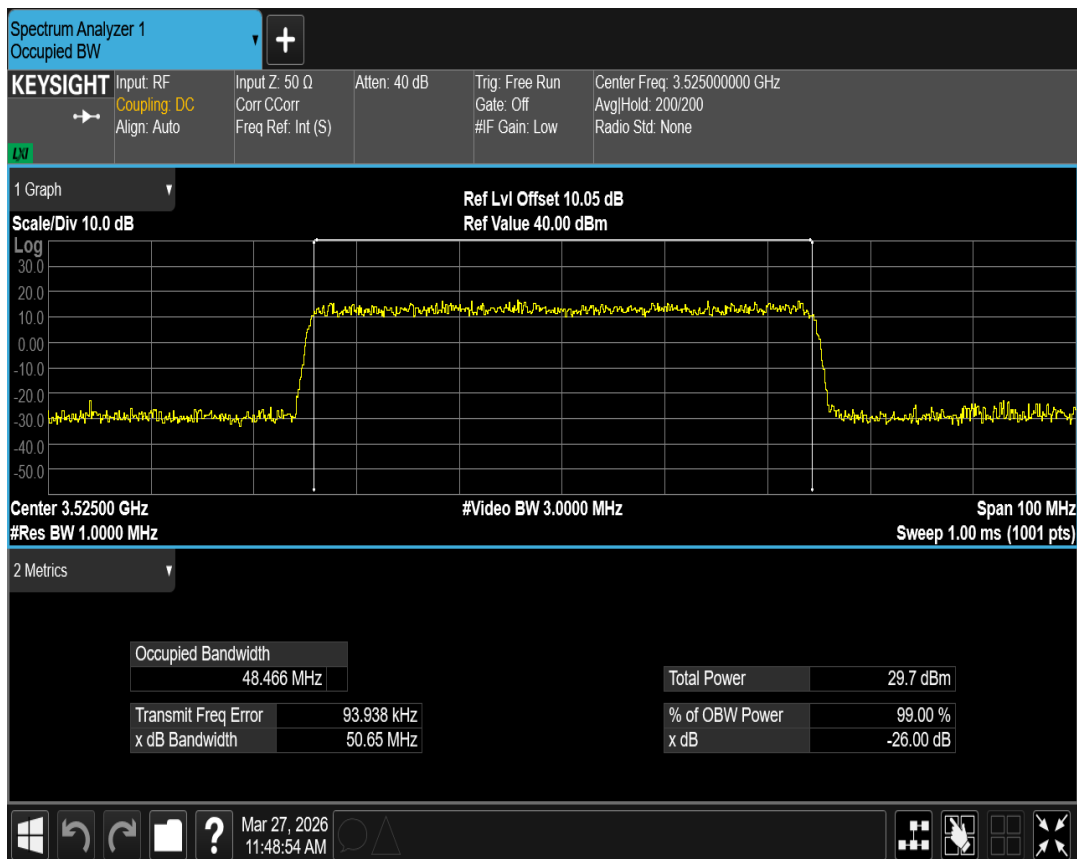
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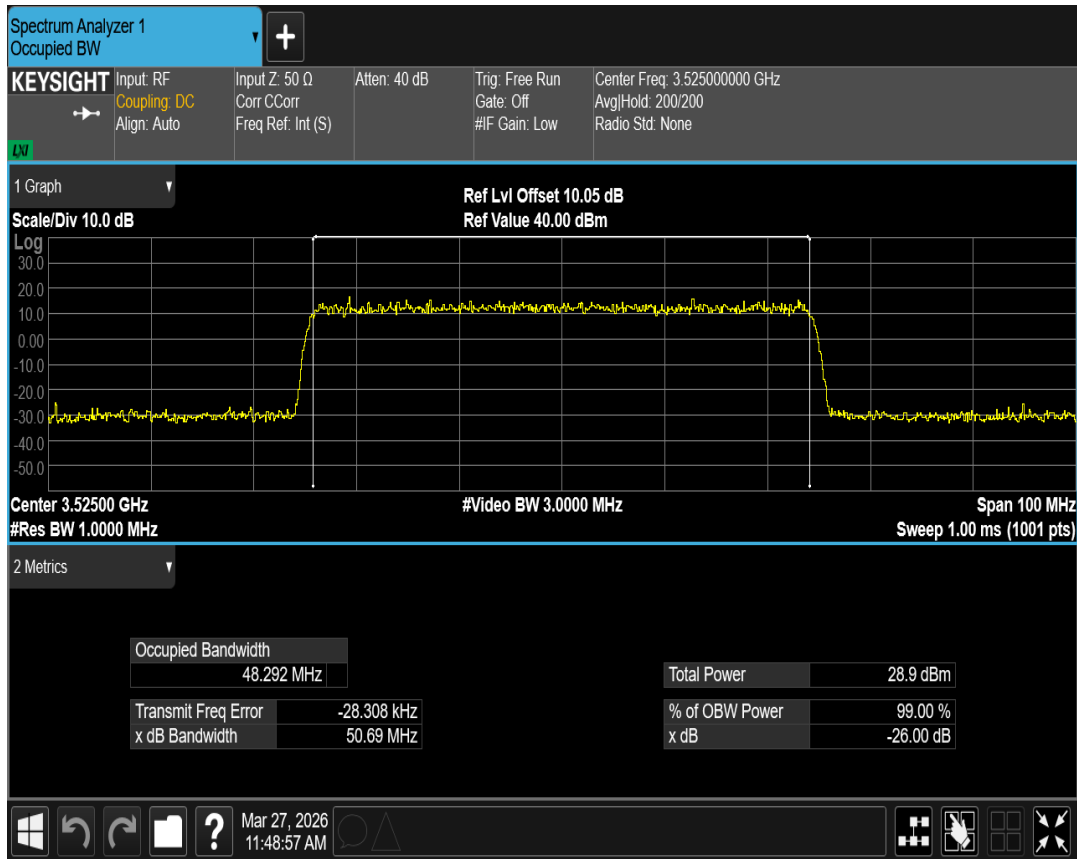
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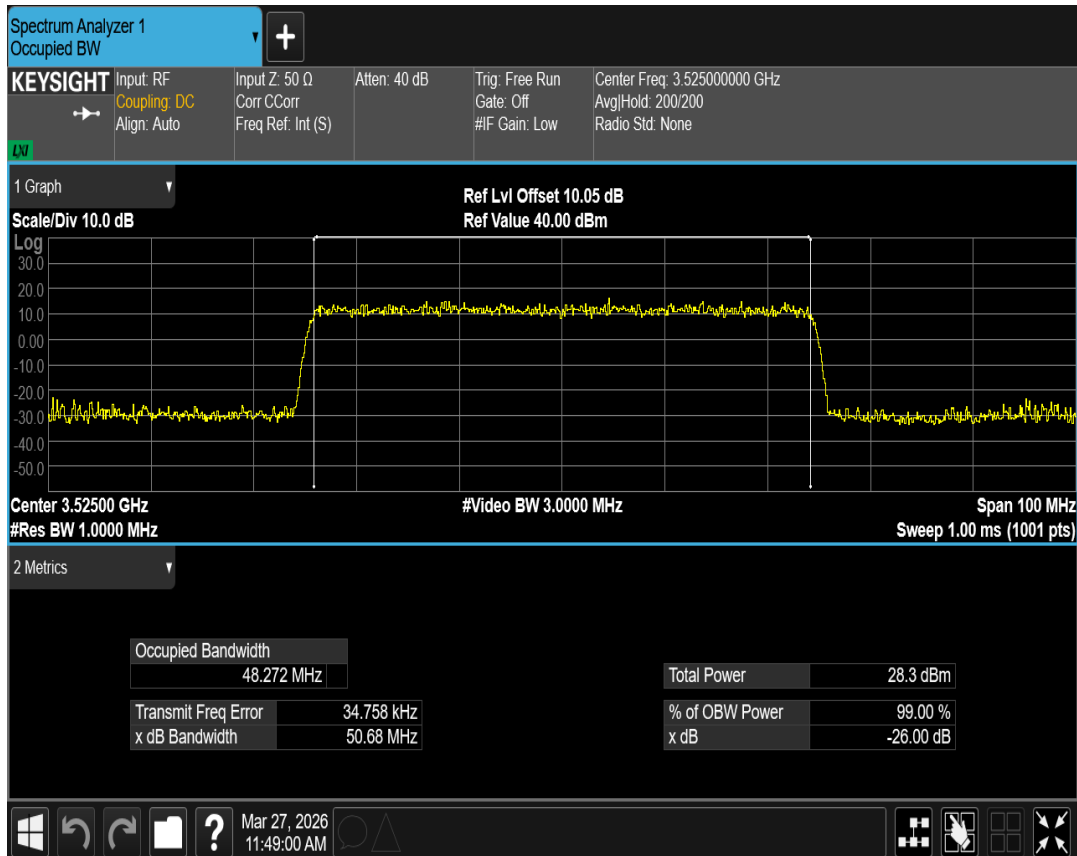
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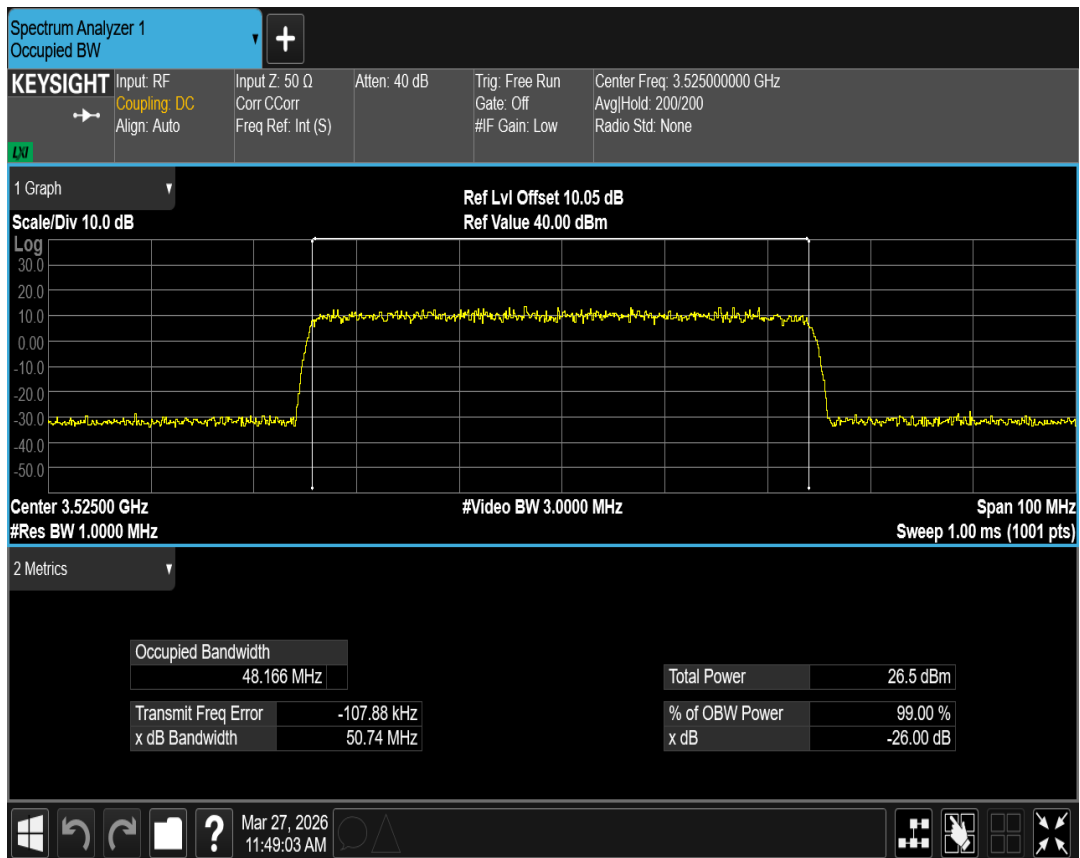
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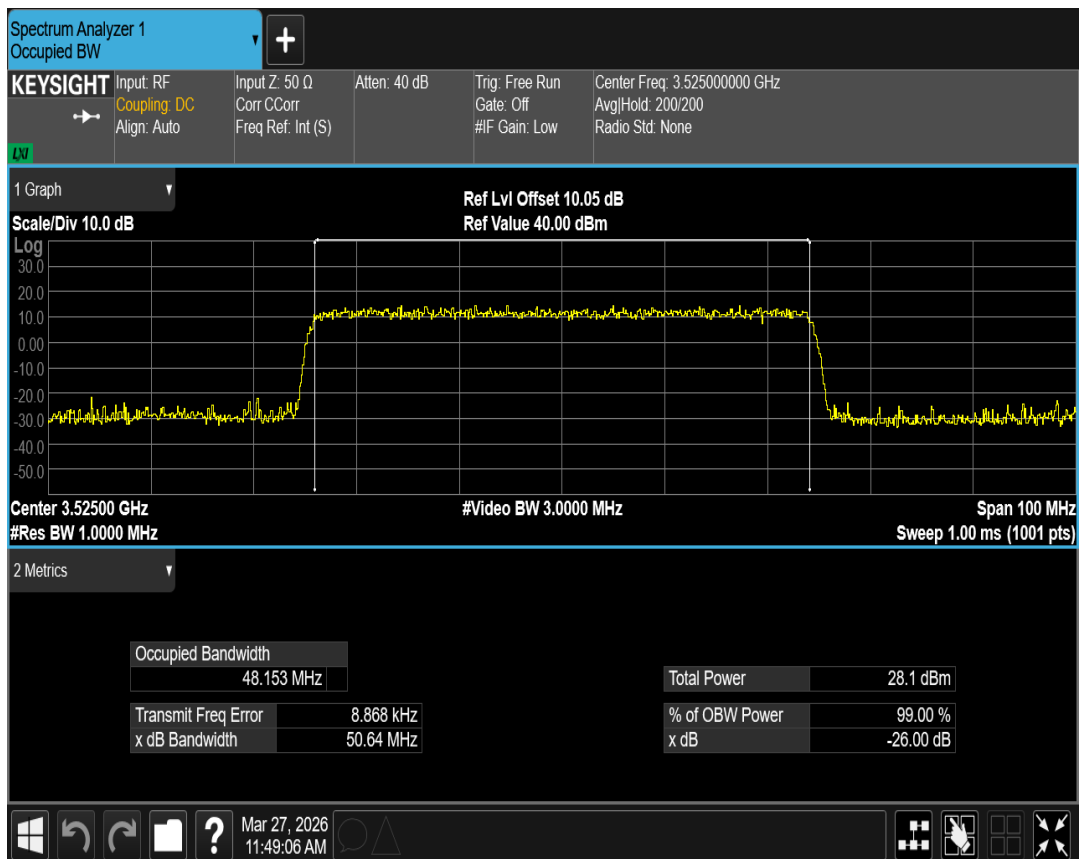
n78(3450-3550) SCS=15kHz DFT\_QAM64 BW=50MHz Channel=635000 RB=270@0



n78(3450-3550) SCS=15kHz DFT\_QAM256 BW=50MHz Channel=635000 RB=270@0



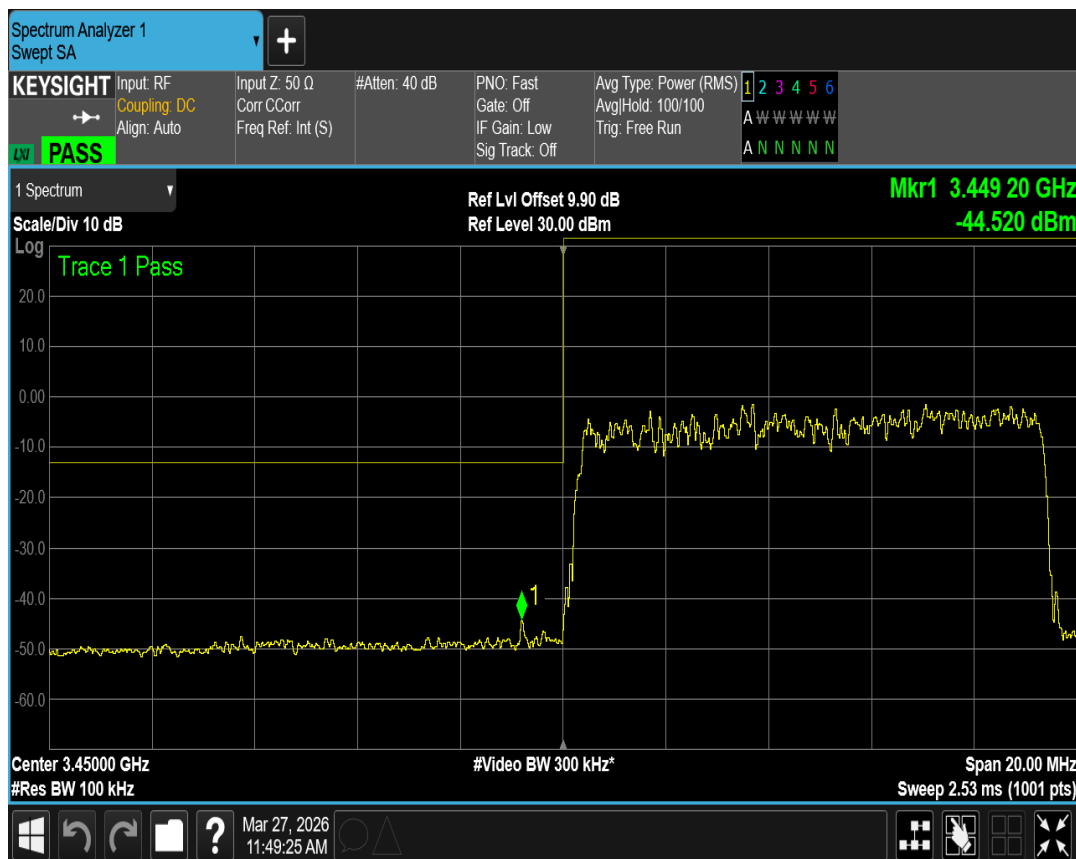
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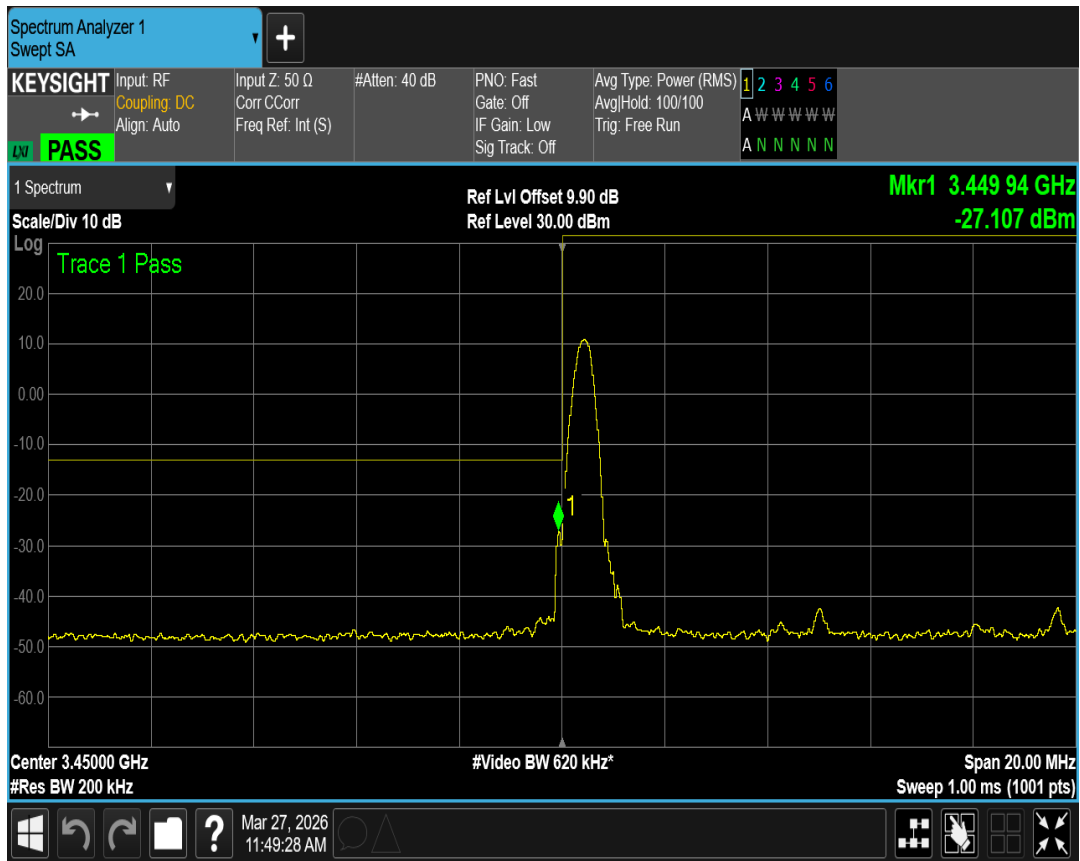
## 5 Band edge for NR FR1

| Band           | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | Spur Freq<br>(MHz) | Spur Level<br>(dBm) | Limit<br>(dBm) | Verdict |
|----------------|--------------|--------------------|---------------|------------------|------------|--------------------|---------------------|----------------|---------|
| n78(3450-3550) | 15           | 10                 | 630334        | 50@0             | DFT_QPSK   | 3449.20            | -44.52              | -13            | PASS    |
| n78(3450-3550) | 15           | 10                 | 630334        | 1@0              | DFT_QPSK   | 3449.94            | -27.11              | -13            | PASS    |
| n78(3450-3550) | 15           | 10                 | 636332        | 50@0             | DFT_QPSK   | 3550.04            | -47.73              | -13            | PASS    |
| n78(3450-3550) | 15           | 10                 | 636332        | 1@51             | DFT_QPSK   | 3550.00            | -21.65              | -13            | PASS    |
| n78(3450-3550) | 15           | 50                 | 631668        | 270@0            | DFT_QPSK   | 3450.00            | -37.30              | -13            | PASS    |
| n78(3450-3550) | 15           | 50                 | 631668        | 1@0              | DFT_QPSK   | 3449.90            | -42.55              | -13            | PASS    |
| n78(3450-3550) | 15           | 50                 | 635000        | 270@0            | DFT_QPSK   | 3550.00            | -38.57              | -13            | PASS    |
| n78(3450-3550) | 15           | 50                 | 635000        | 1@269            | DFT_QPSK   | 3550.00            | -37.93              | -13            | PASS    |

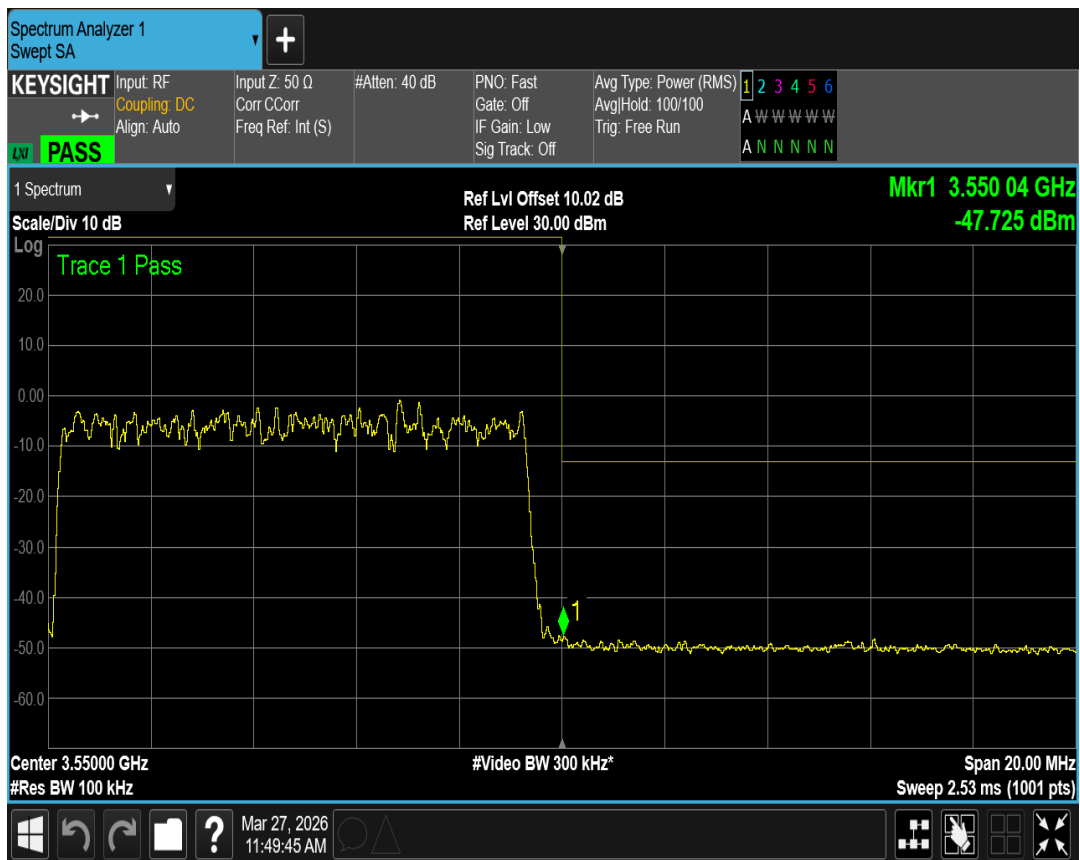
n78(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=630334 RB=50@0



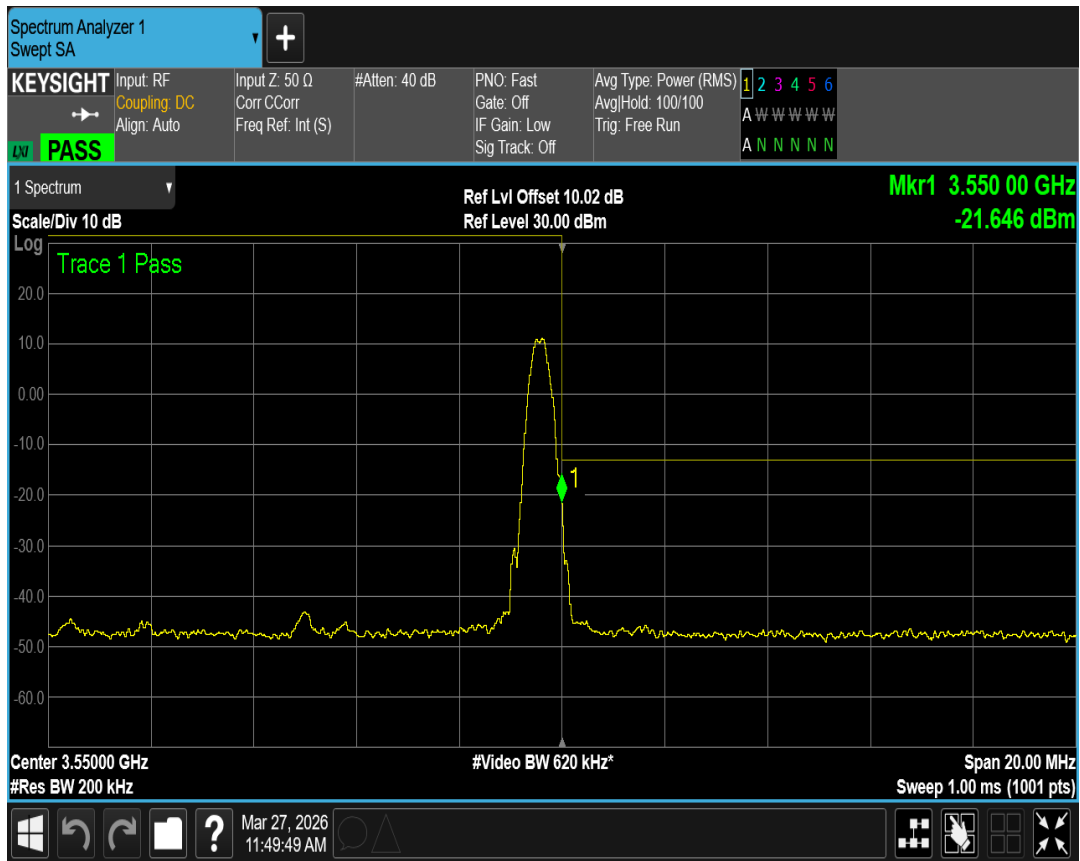
n78(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=630334 RB=1@0



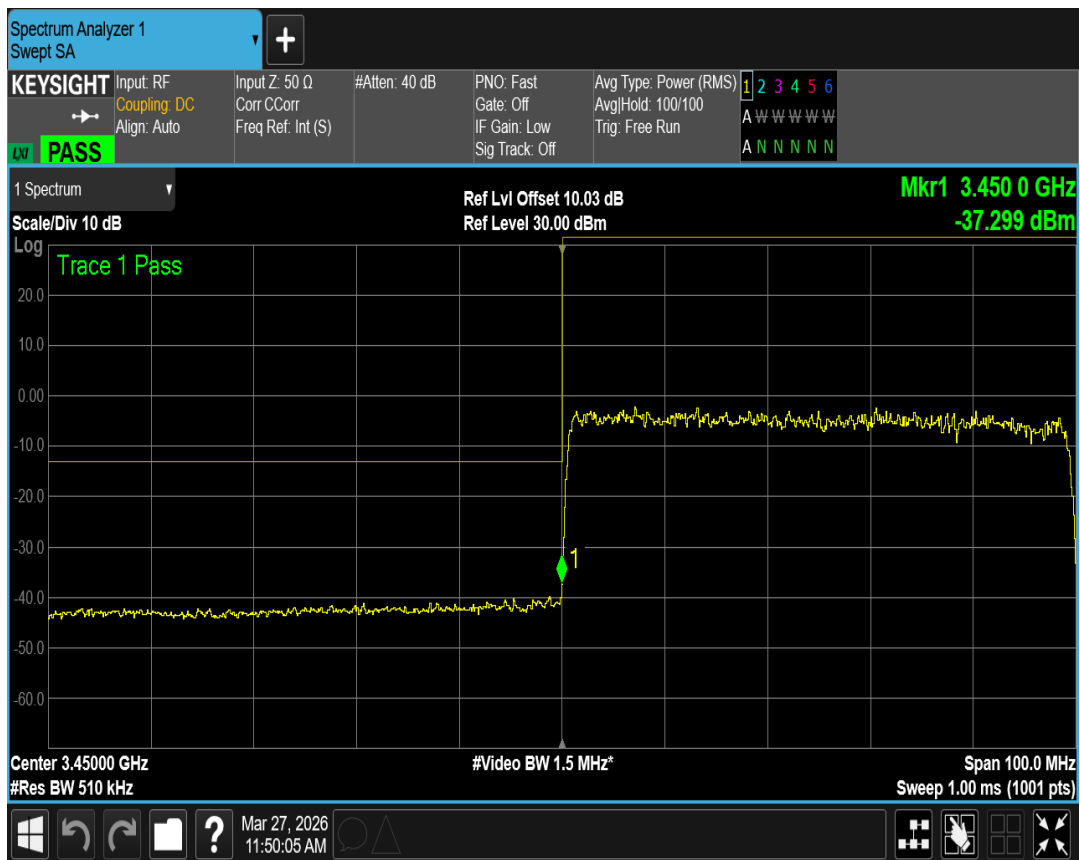
n78(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=50@0



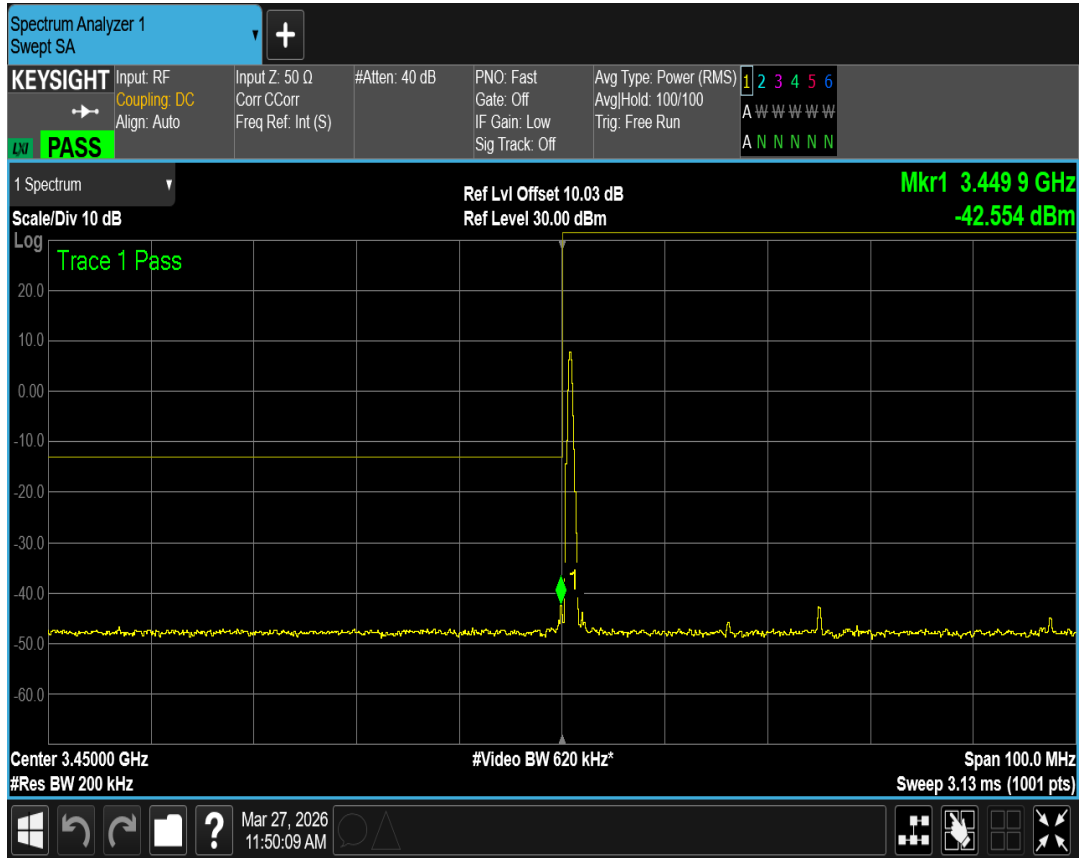
n78(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=1@51



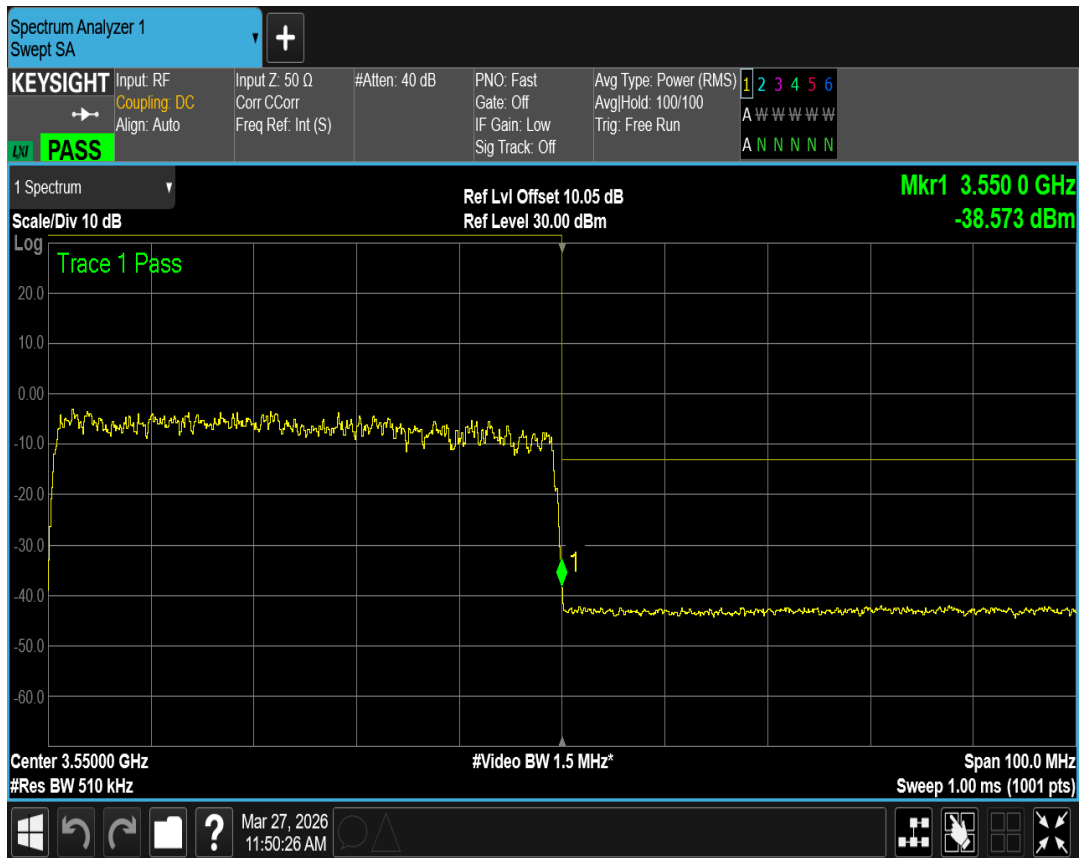
n78(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=270@0



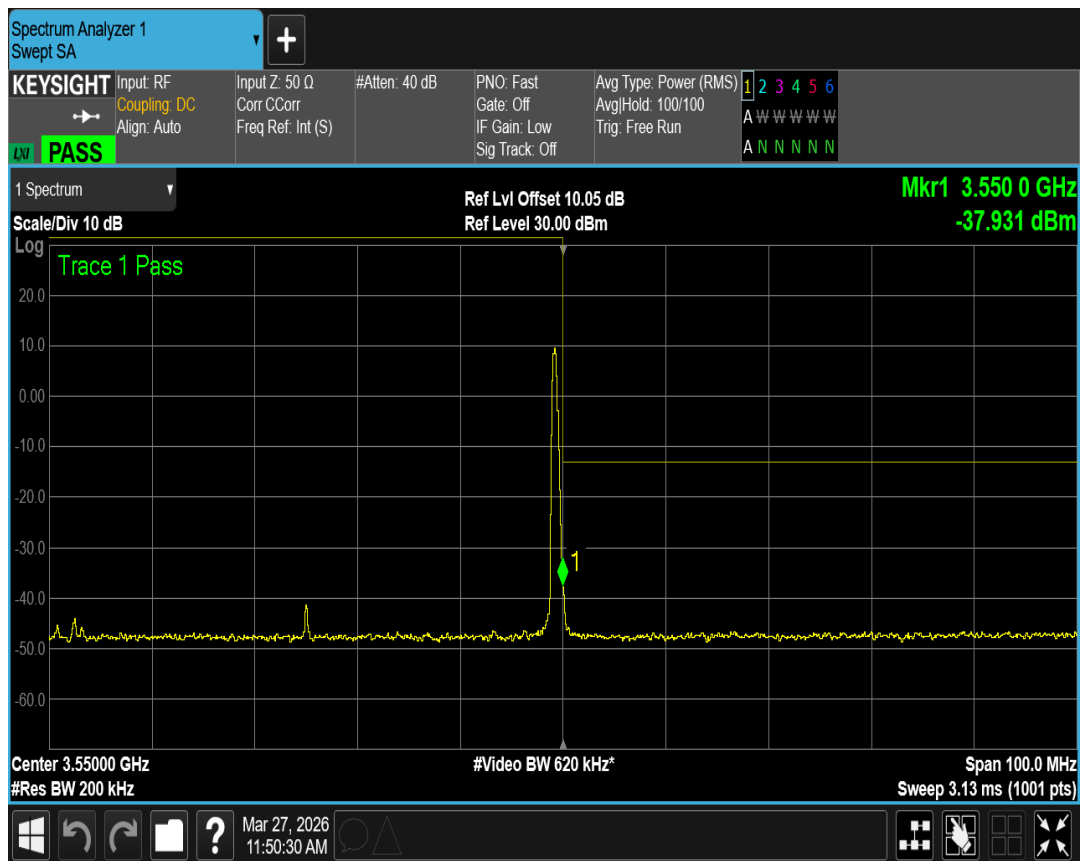
n78(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=1@0



n78(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=635000 RB=270@0



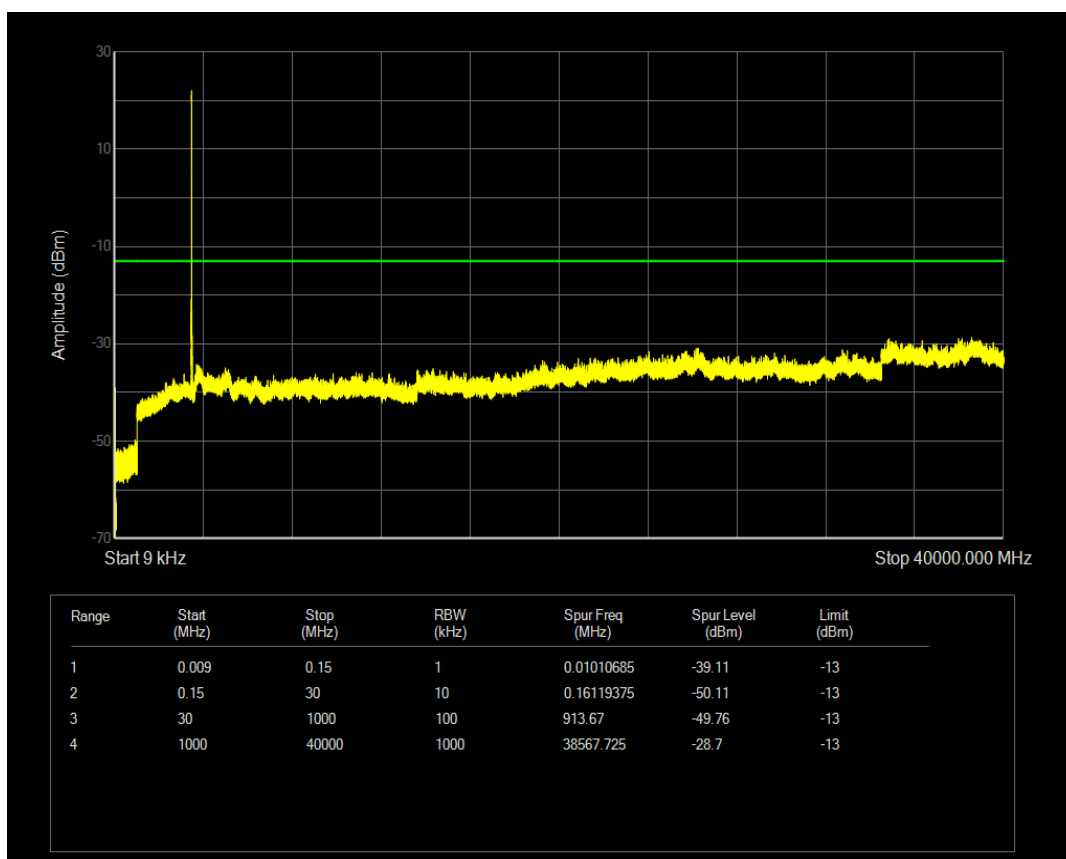
n78(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=635000 RB=1@269



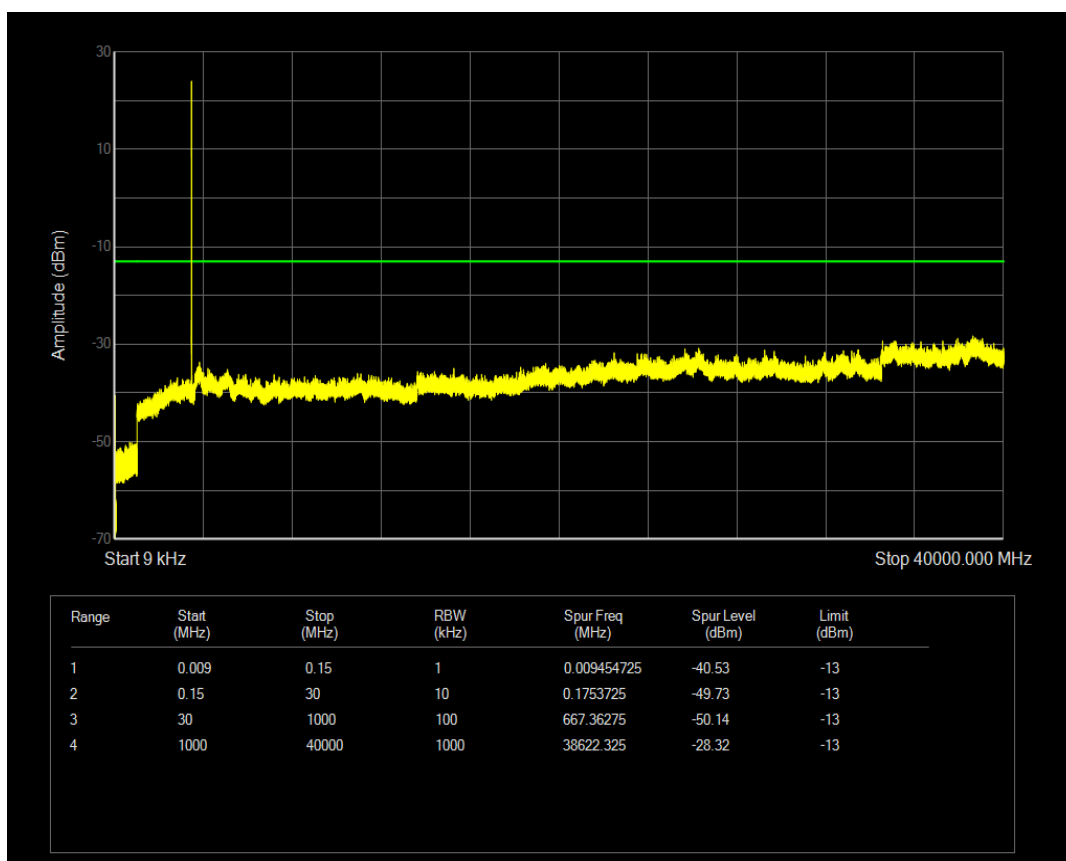
## 6 Out-of-band emissions for NR FR1

| Band           | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | Spur Freq<br>(MHz) | Spur Level<br>(dBm) | Limit<br>(dBm) | Verdict |
|----------------|--------------|--------------------|---------------|------------------|------------|--------------------|---------------------|----------------|---------|
| n78(3450-3550) | 15           | 10                 | 630334        | 50@0             | DFT_QPSK   | 38567.73           | -28.70              | -13            | PASS    |
| n78(3450-3550) | 15           | 10                 | 630334        | 1@0              | DFT_QPSK   | 38622.33           | -28.32              | -13            | PASS    |
| n78(3450-3550) | 15           | 10                 | 630334        | 1@51             | DFT_QPSK   | 38144.58           | -28.59              | -13            | PASS    |
| n78(3450-3550) | 15           | 10                 | 633334        | 50@0             | DFT_QPSK   | 38802.70           | -27.15              | -13            | PASS    |
| n78(3450-3550) | 15           | 10                 | 633334        | 1@0              | DFT_QPSK   | 38500.45           | -28.12              | -13            | PASS    |
| n78(3450-3550) | 15           | 10                 | 633334        | 1@51             | DFT_QPSK   | 38797.83           | -27.72              | -13            | PASS    |
| n78(3450-3550) | 15           | 10                 | 636332        | 50@0             | DFT_QPSK   | 38751.03           | -27.77              | -13            | PASS    |
| n78(3450-3550) | 15           | 10                 | 636332        | 1@0              | DFT_QPSK   | 38594.05           | -27.94              | -13            | PASS    |
| n78(3450-3550) | 15           | 10                 | 636332        | 1@51             | DFT_QPSK   | 38659.38           | -28.17              | -13            | PASS    |
| n78(3450-3550) | 15           | 50                 | 631668        | 270@0            | DFT_QPSK   | 38705.20           | -28.39              | -13            | PASS    |
| n78(3450-3550) | 15           | 50                 | 631668        | 1@0              | DFT_QPSK   | 38662.30           | -27.31              | -13            | PASS    |
| n78(3450-3550) | 15           | 50                 | 631668        | 1@269            | DFT_QPSK   | 38606.73           | -27.76              | -13            | PASS    |
| n78(3450-3550) | 15           | 50                 | 633334        | 270@0            | DFT_QPSK   | 38622.33           | -27.82              | -13            | PASS    |
| n78(3450-3550) | 15           | 50                 | 633334        | 1@0              | DFT_QPSK   | 38565.78           | -28.06              | -13            | PASS    |
| n78(3450-3550) | 15           | 50                 | 633334        | 1@269            | DFT_QPSK   | 36865.38           | -28.18              | -13            | PASS    |
| n78(3450-3550) | 15           | 50                 | 635000        | 270@0            | DFT_QPSK   | 38594.05           | -27.86              | -13            | PASS    |
| n78(3450-3550) | 15           | 50                 | 635000        | 1@0              | DFT_QPSK   | 38797.83           | -27.54              | -13            | PASS    |
| n78(3450-3550) | 15           | 50                 | 635000        | 1@269            | DFT_QPSK   | 38076.33           | -28.37              | -13            | PASS    |

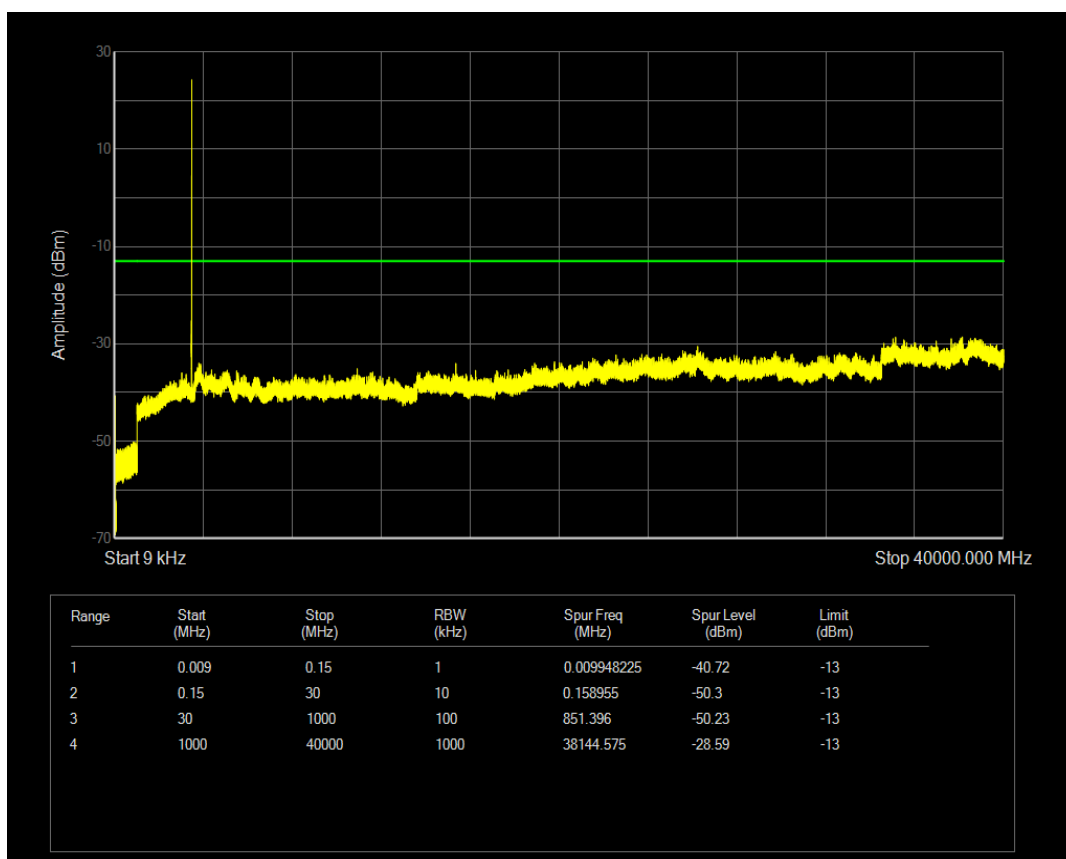
n78(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=630334 RB=50@0



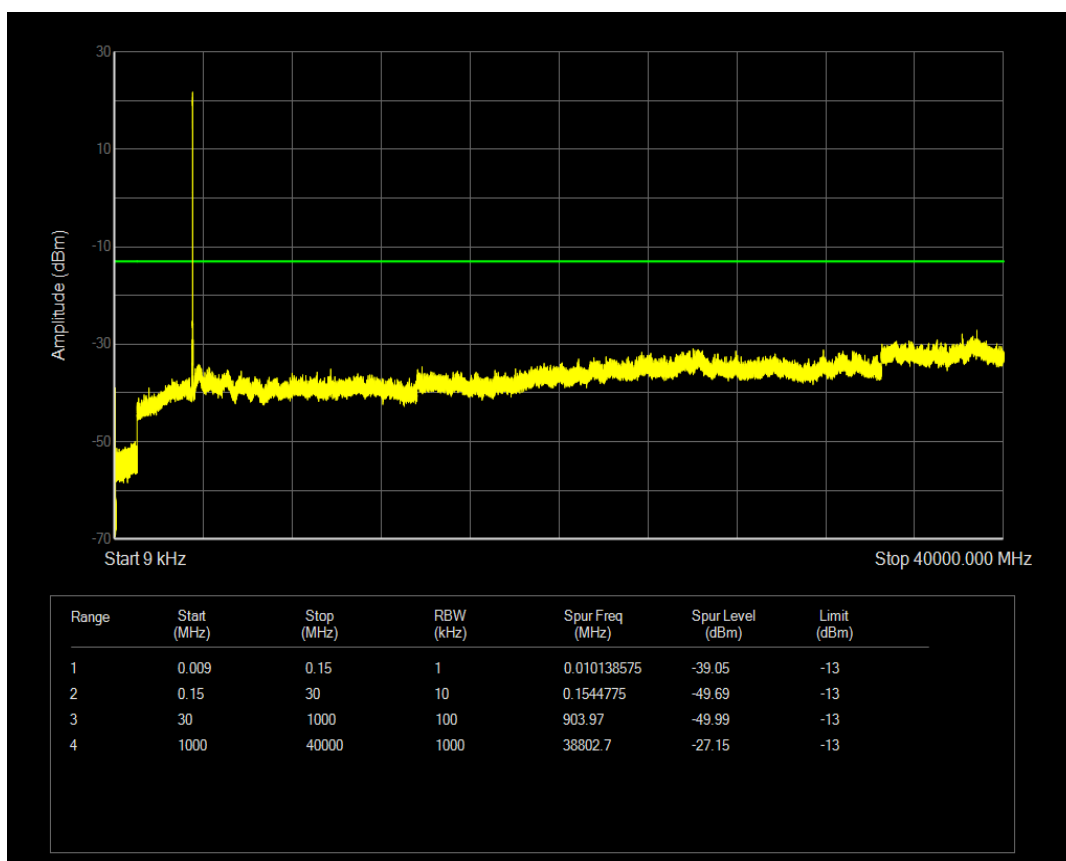
n78(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=630334 RB=1@0



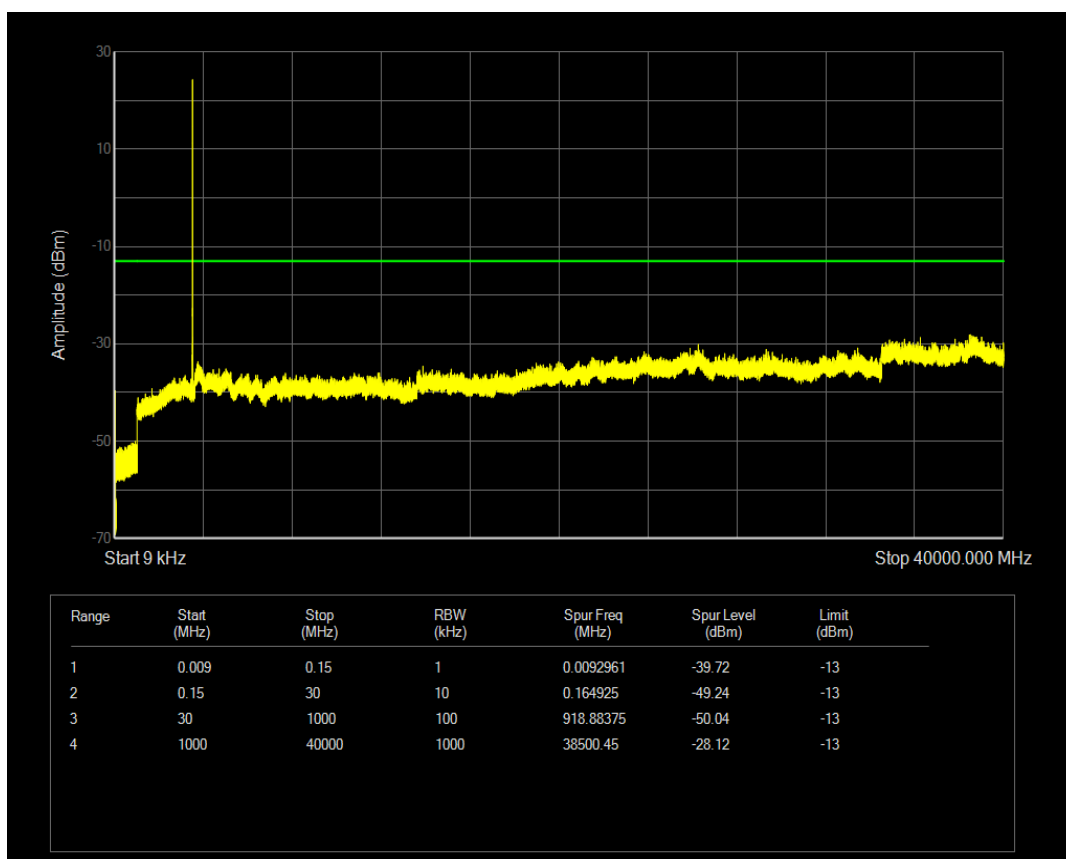
n78(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=630334 RB=1@51



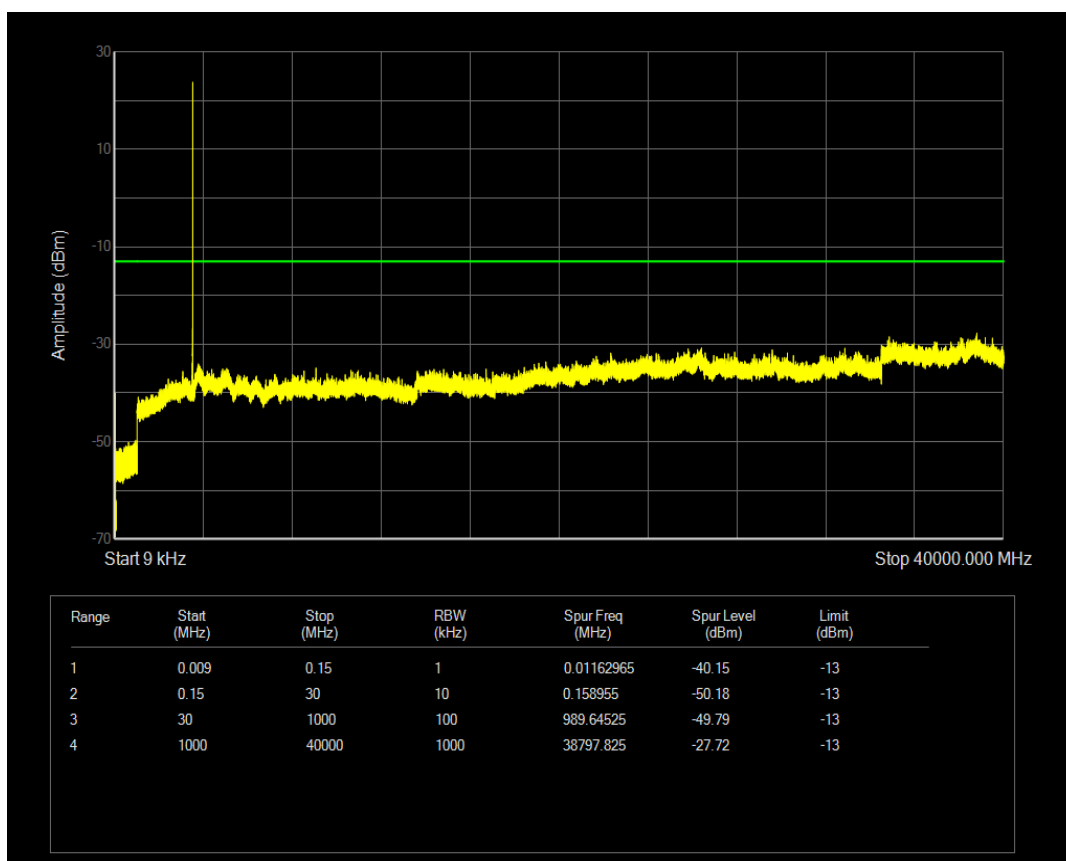
n78(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=633334 RB=50@0



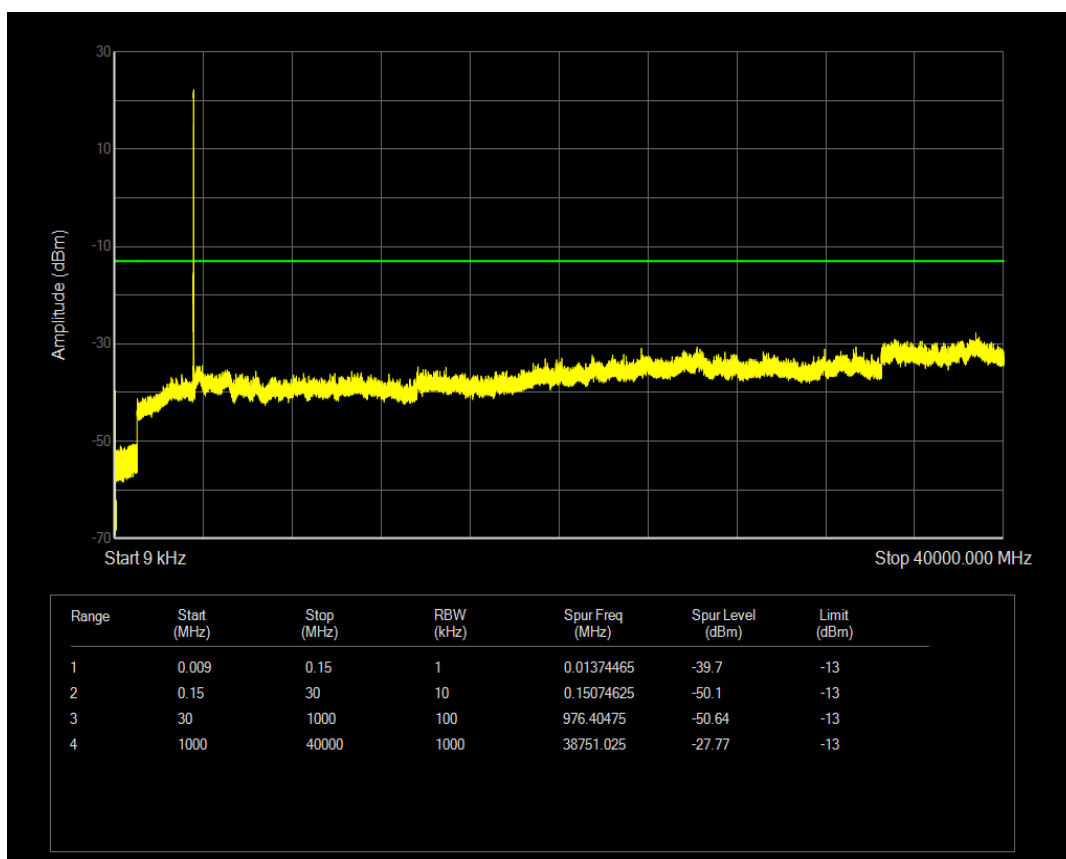
n78(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=633334 RB=1@0



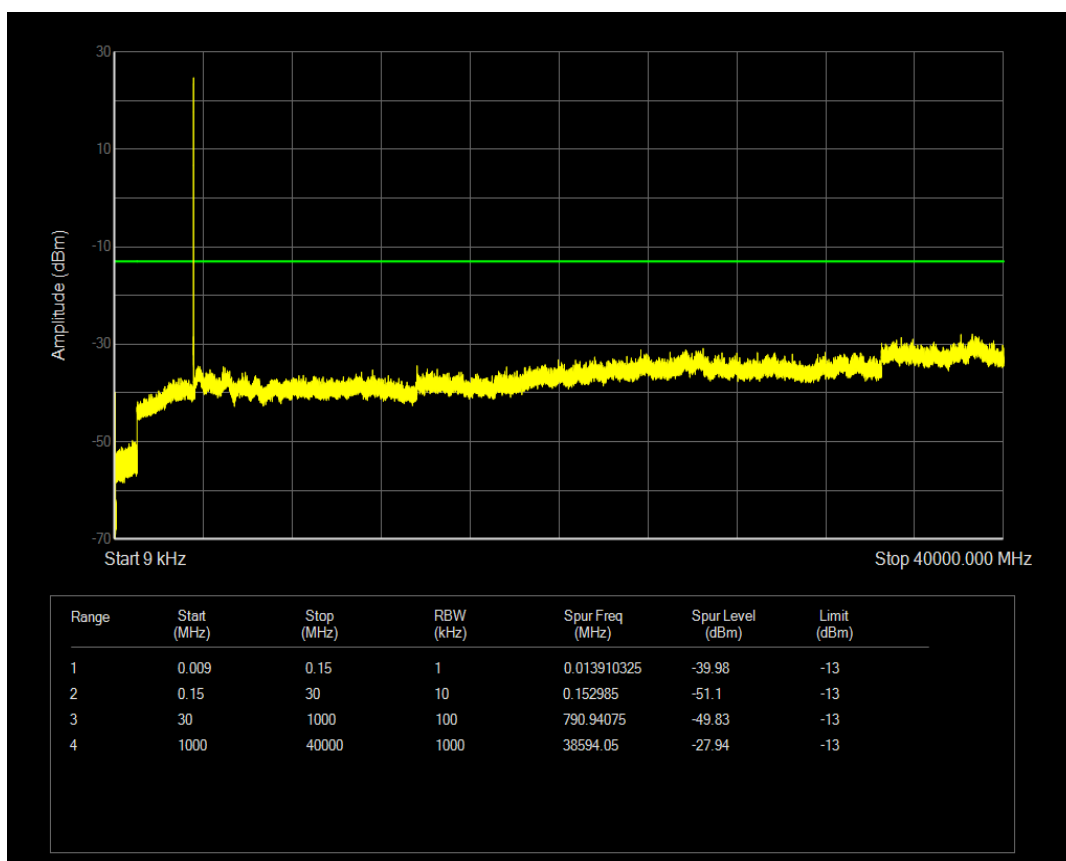
n78(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=633334 RB=1@51



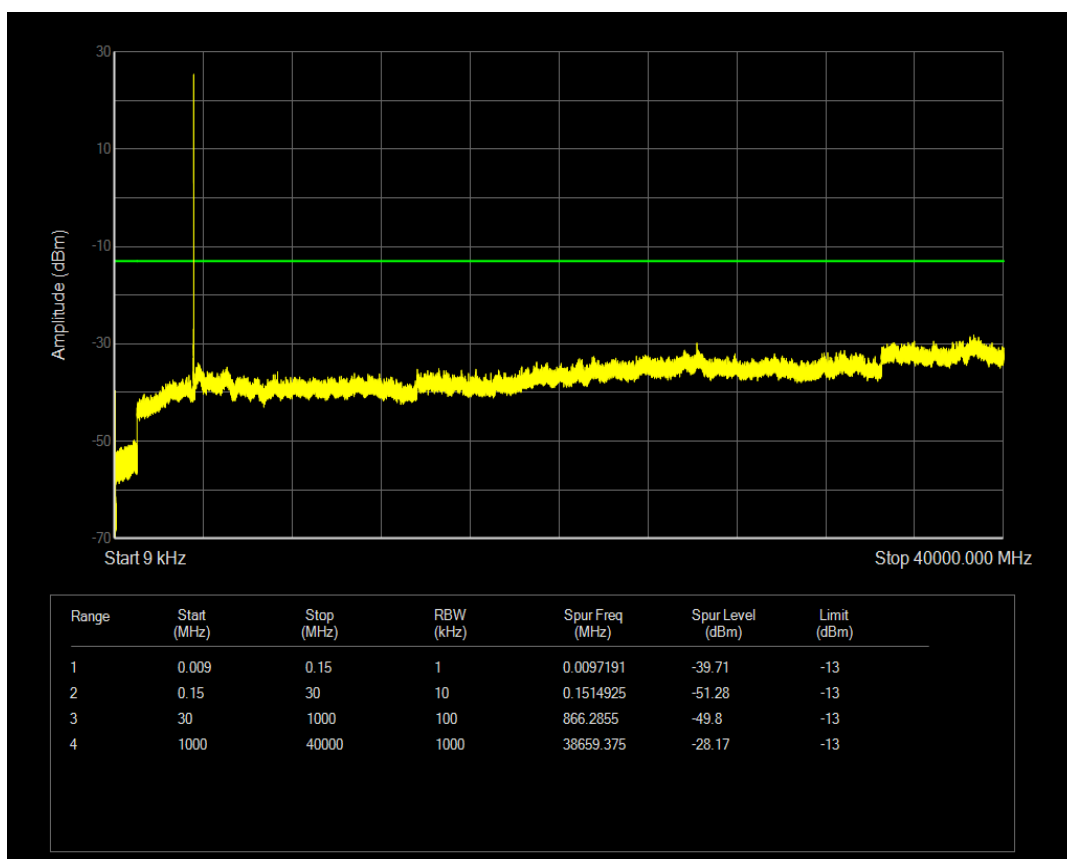
n78(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=50@0



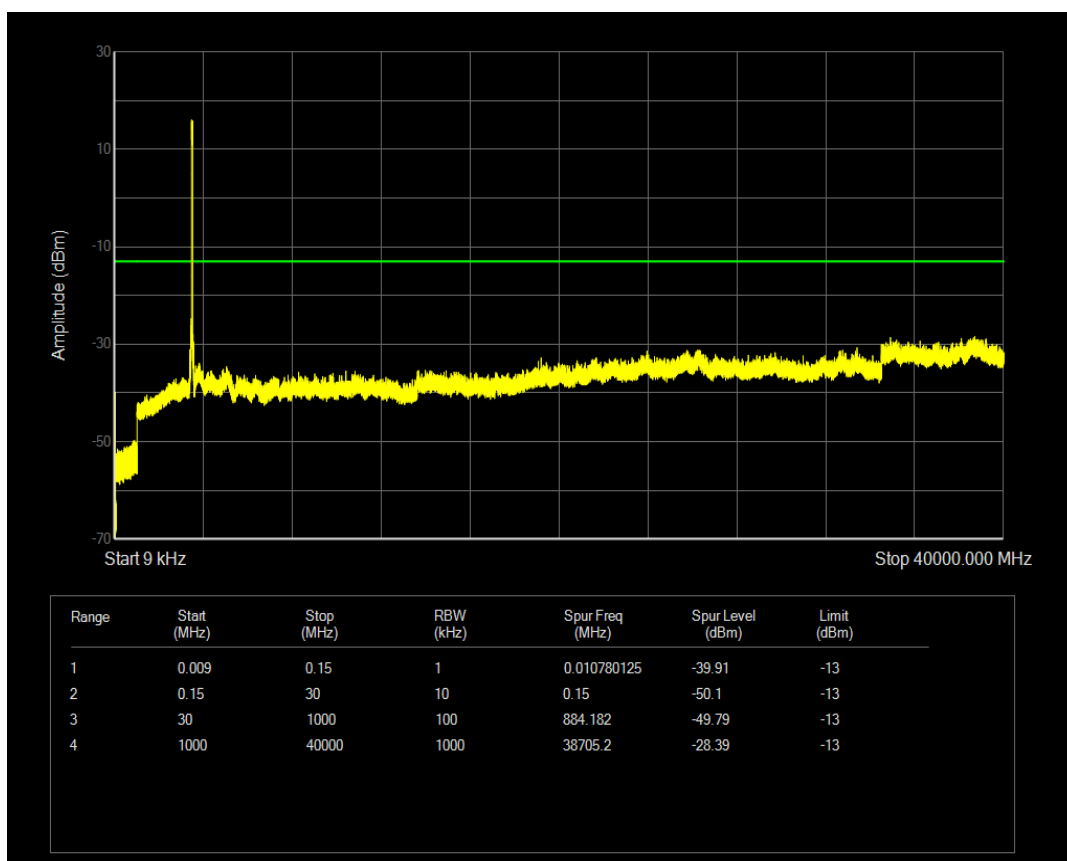
n78(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=1@0



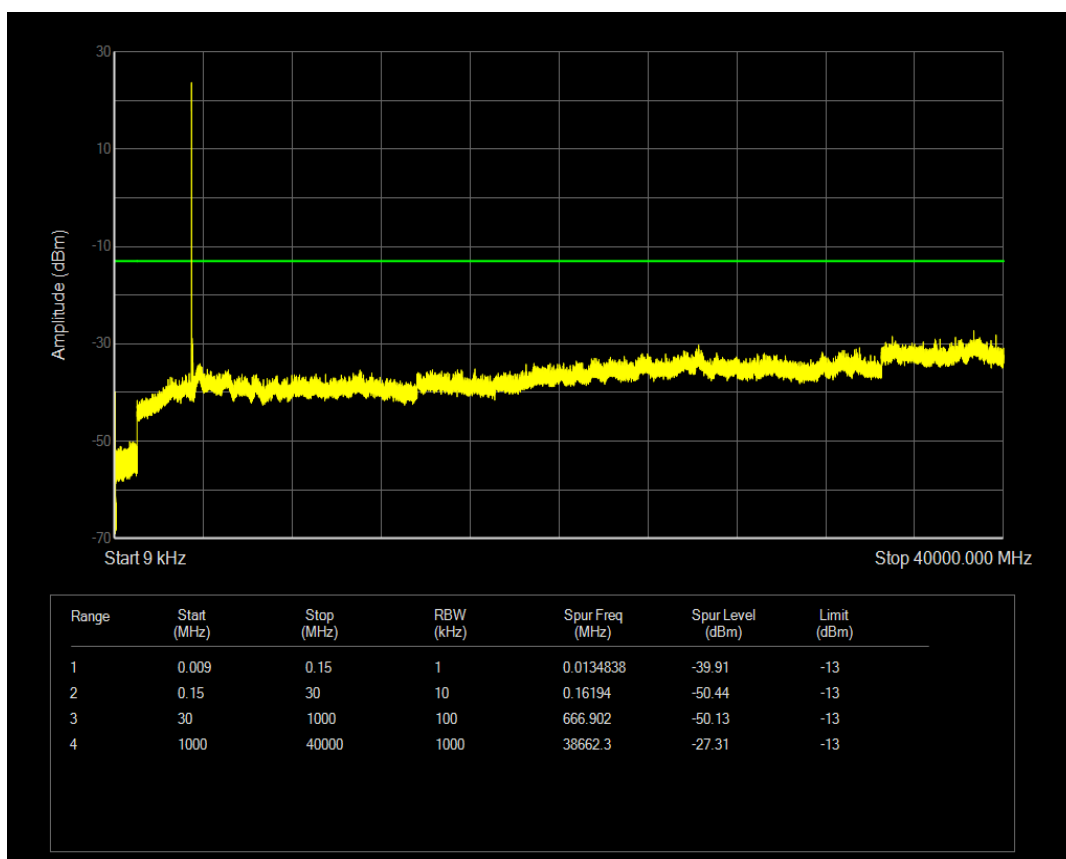
n78(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=1@51



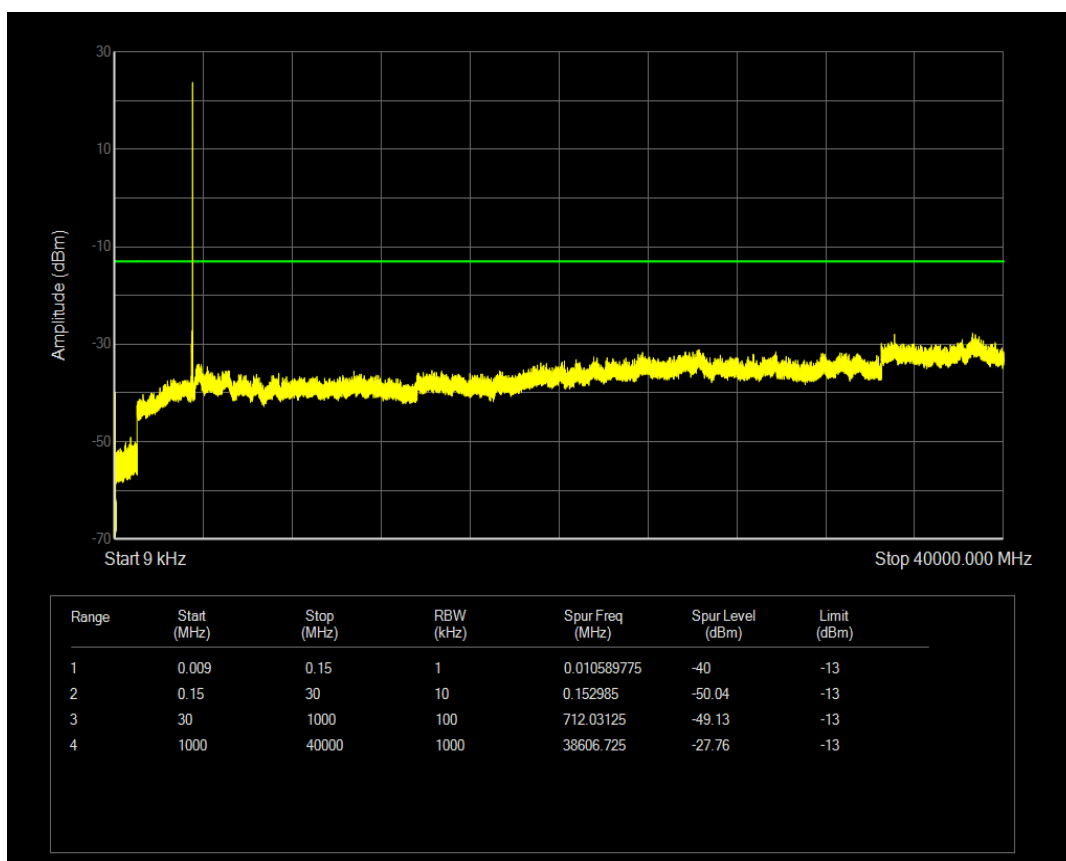
n78(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=270@0



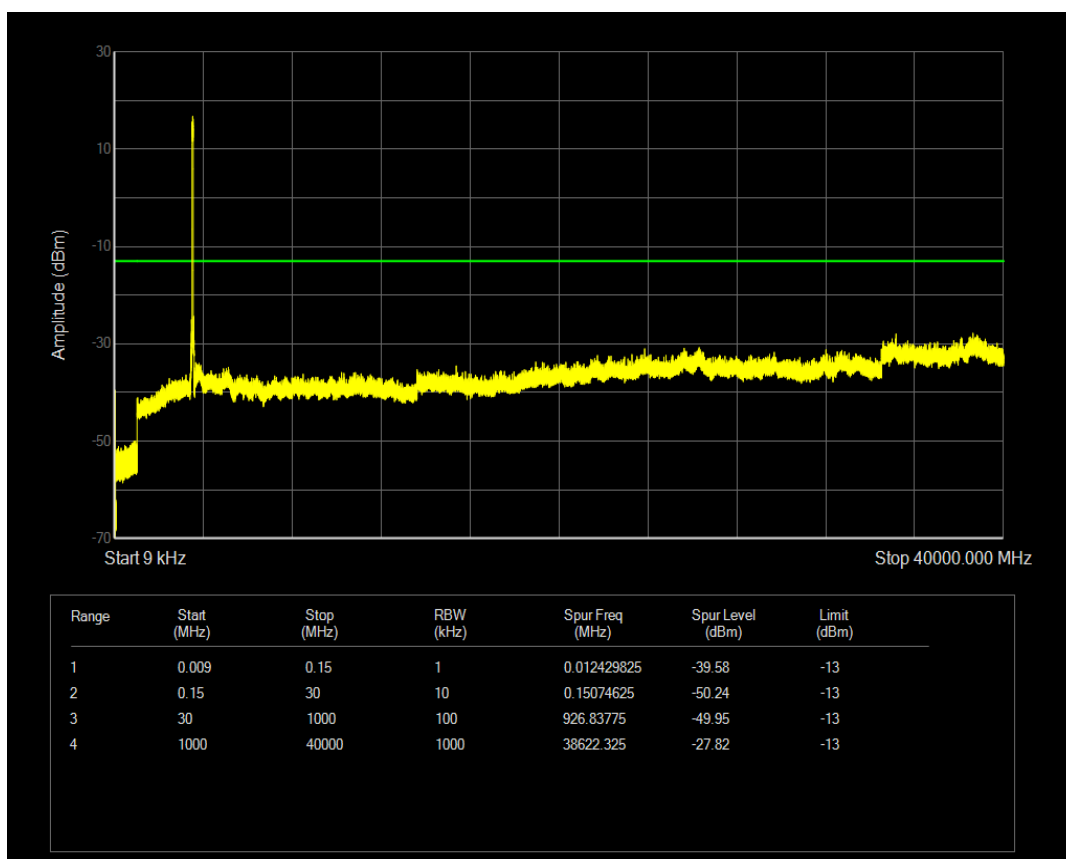
n78(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=1@0



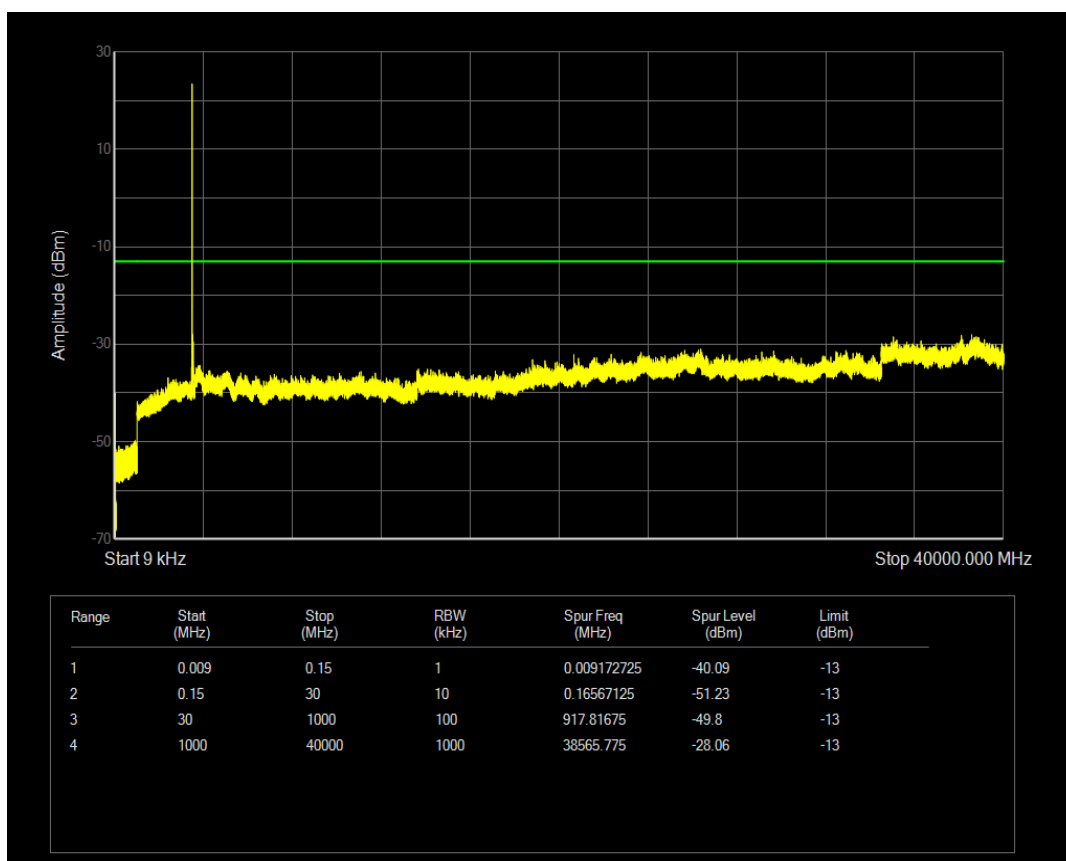
n78(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=1@269



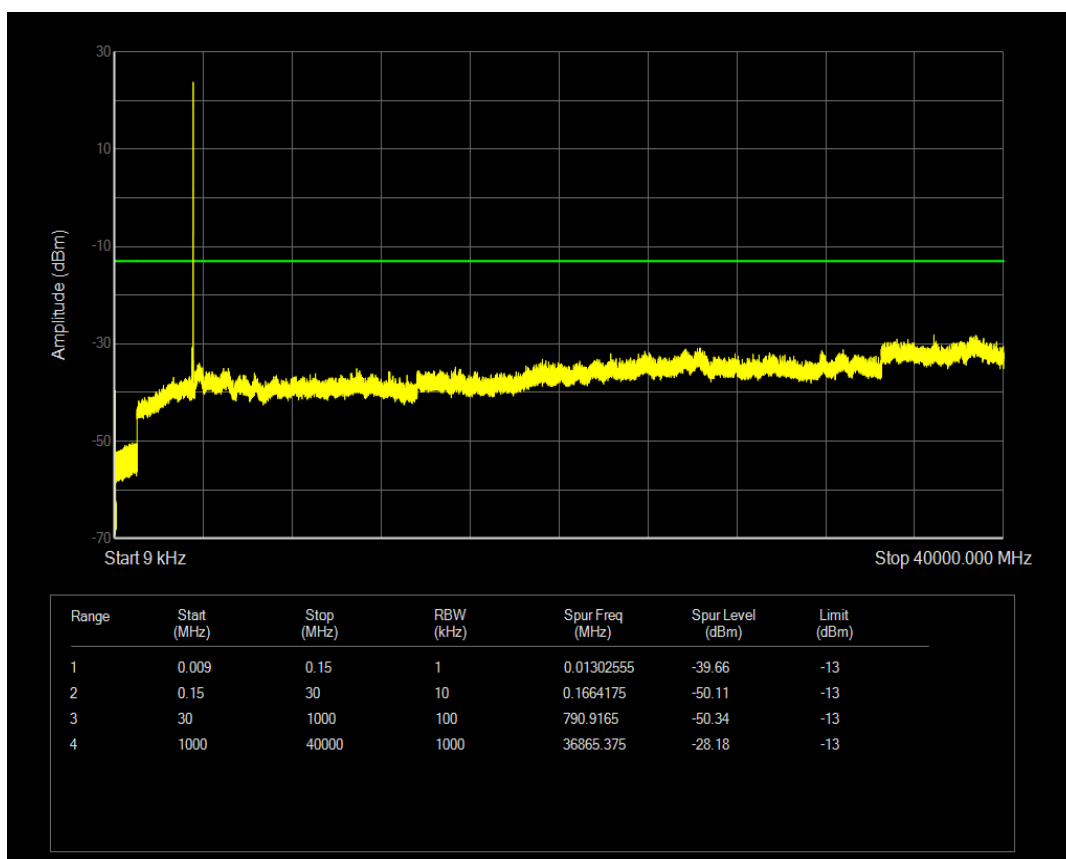
n78(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=633334 RB=270@0



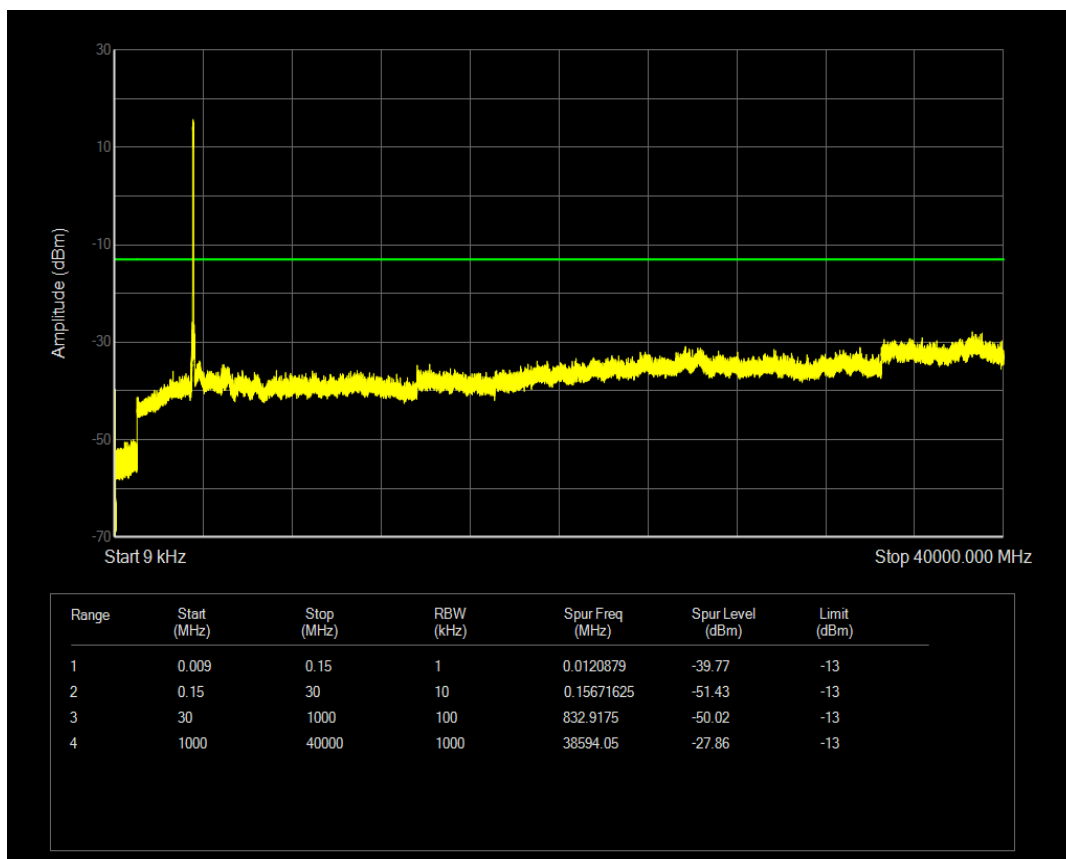
n78(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=633334 RB=1@0



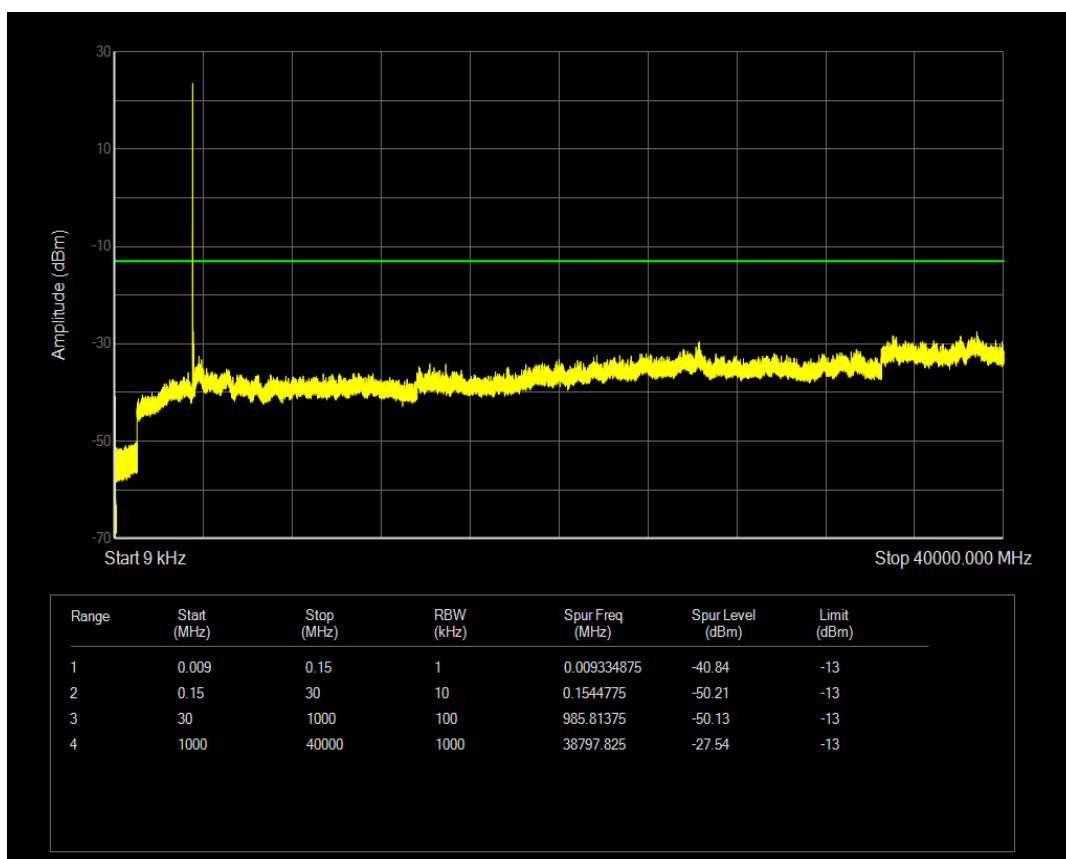
n78(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=633334 RB=1@269



n78(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=635000 RB=270@0



n78(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=635000 RB=1@0



n78(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=635000 RB=1@269

