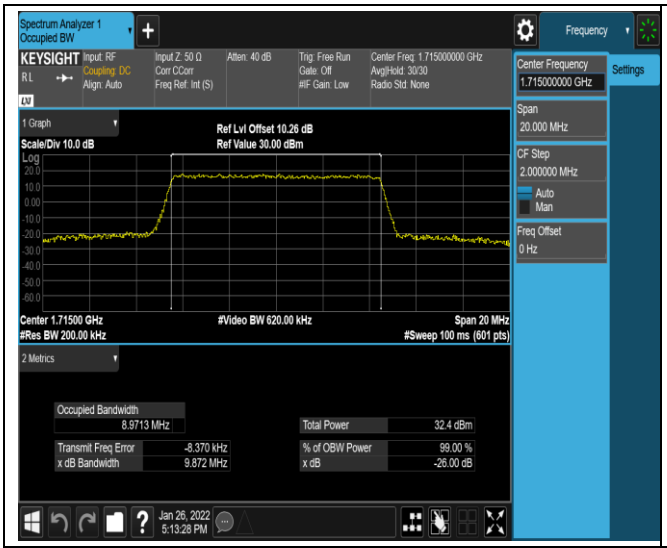
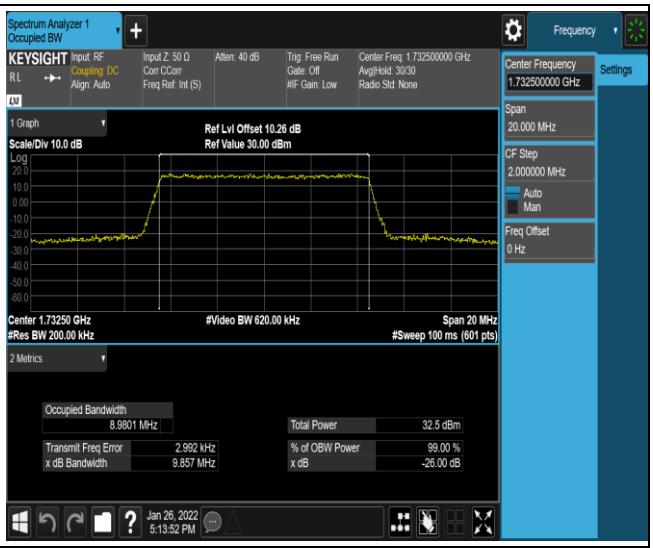



Band4-10MHz-QPSK-20350-50RB#0

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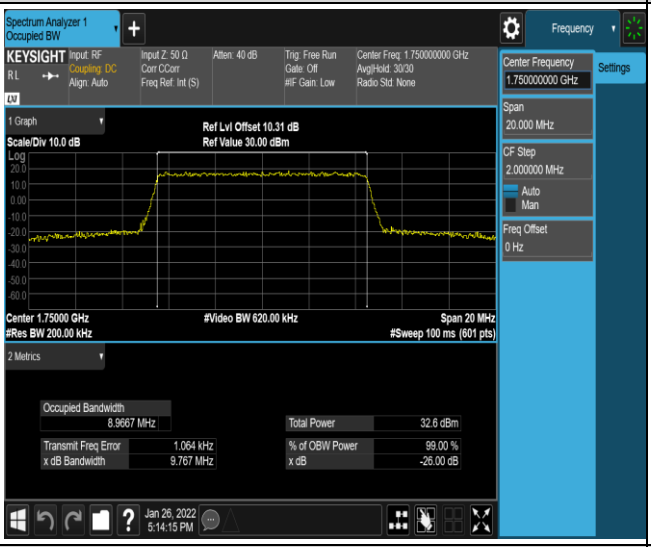


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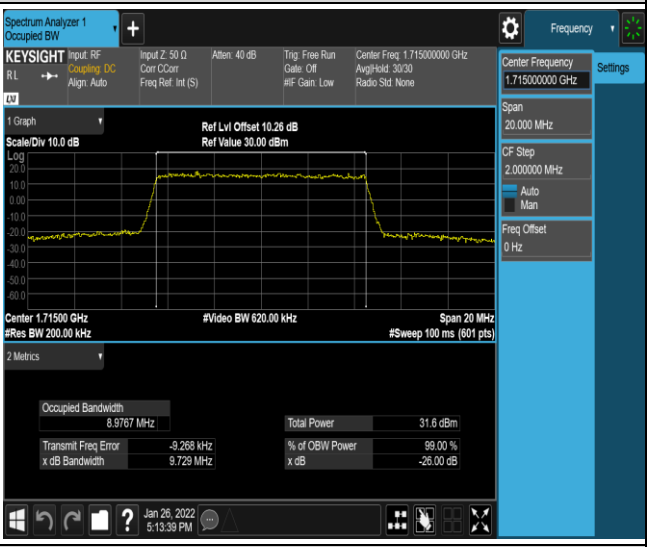


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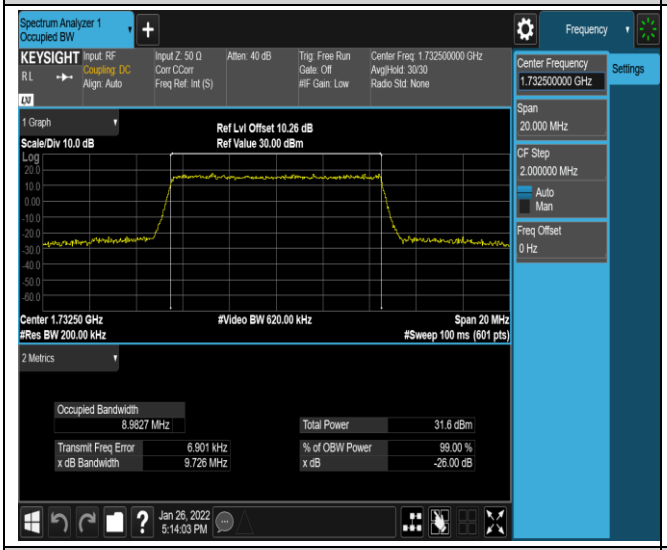


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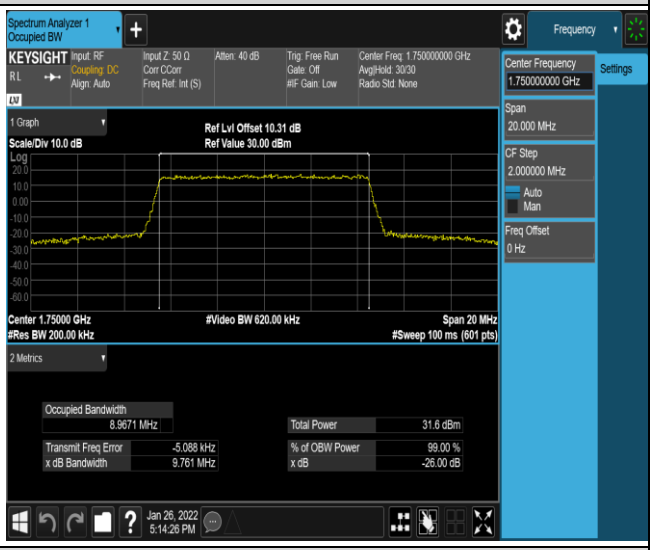


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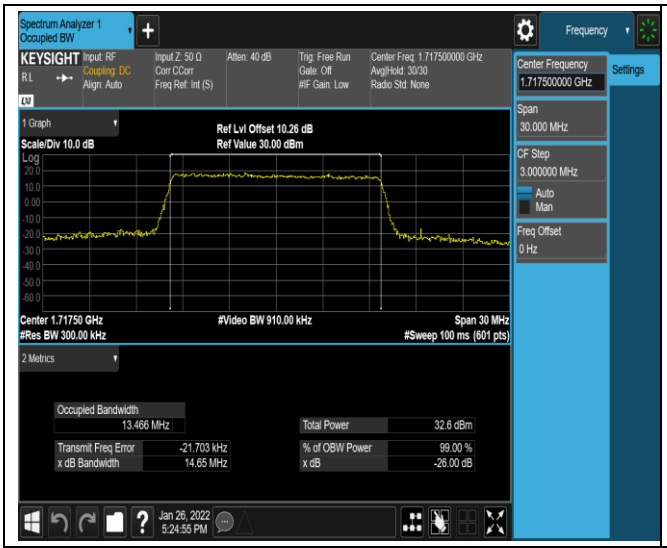


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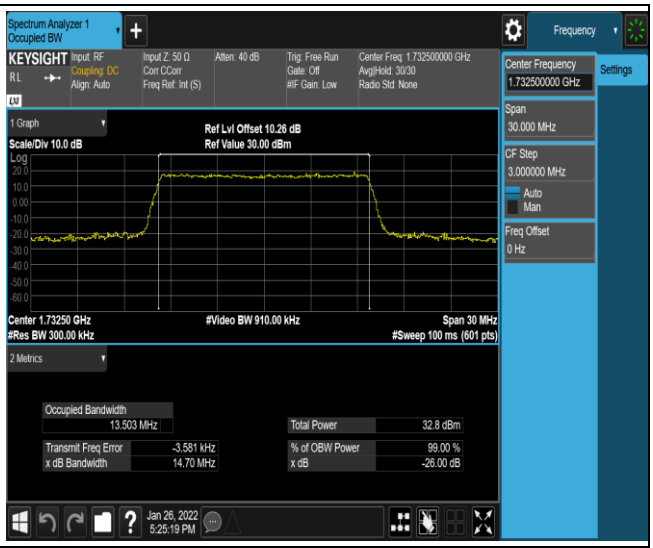


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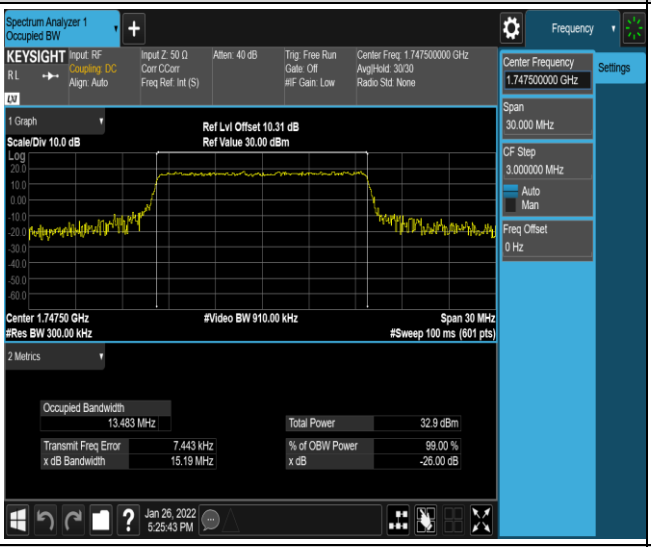


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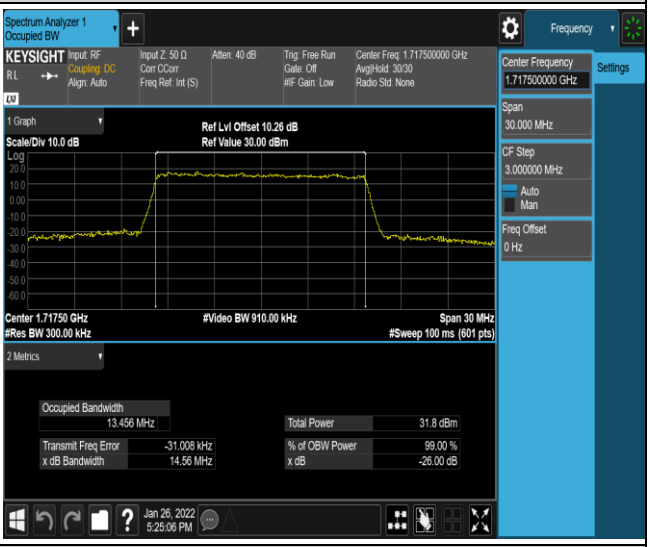


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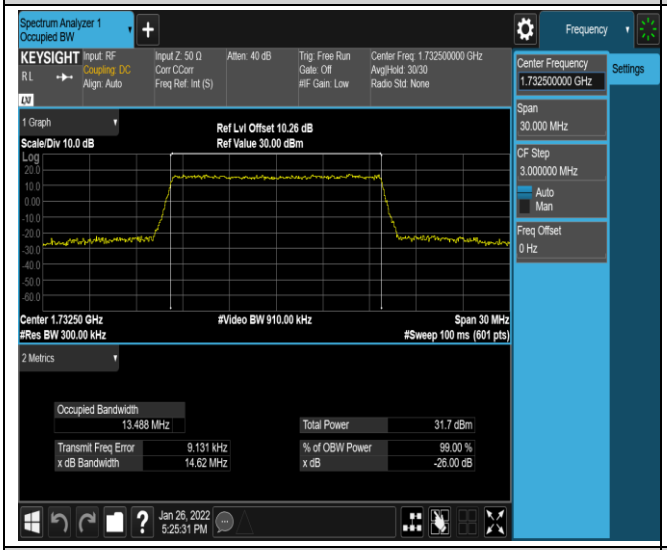


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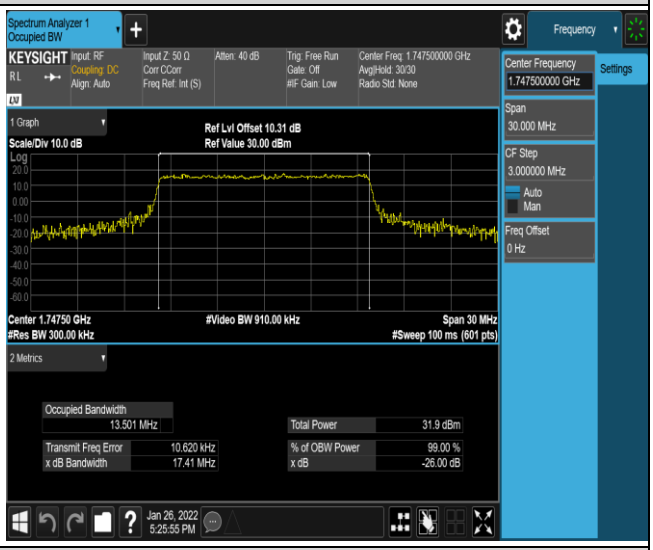


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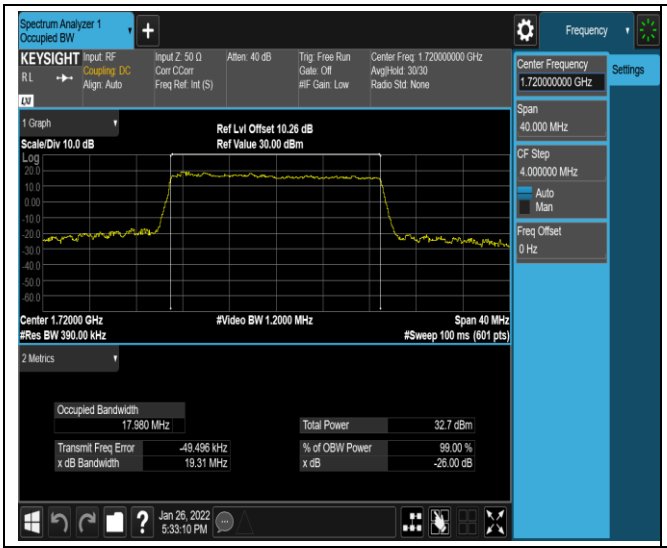


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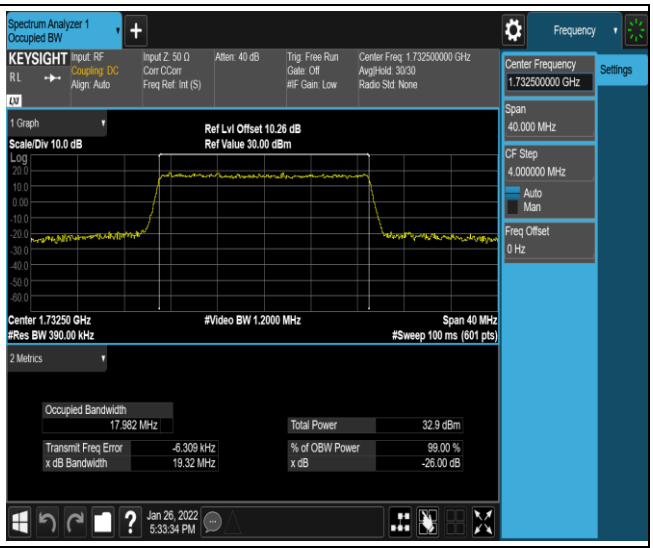


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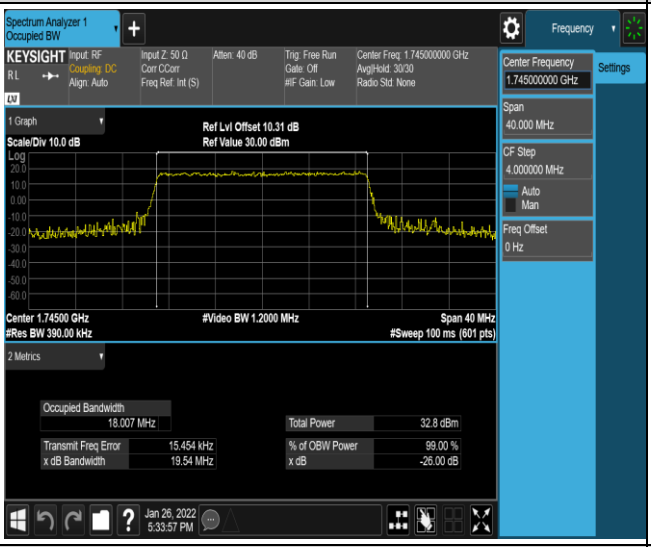


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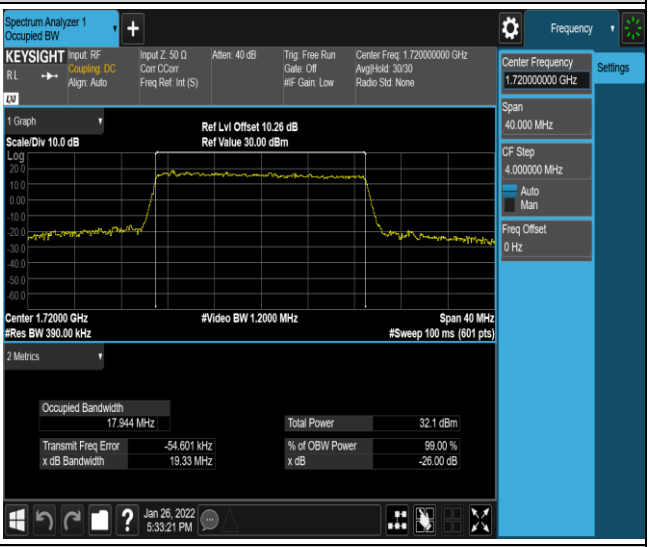


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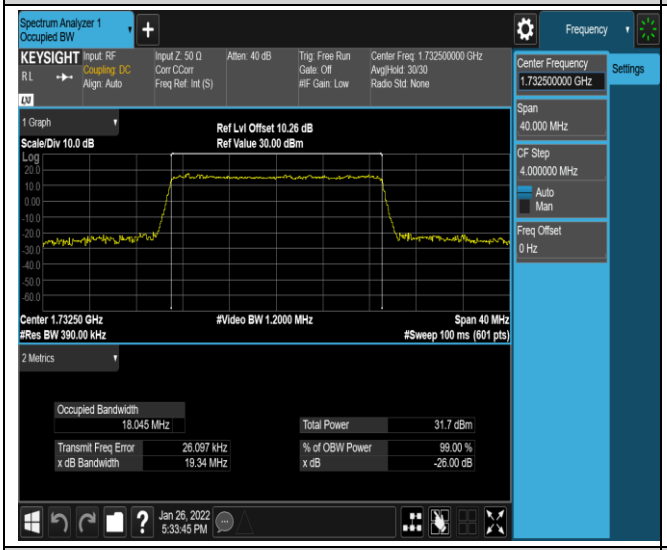


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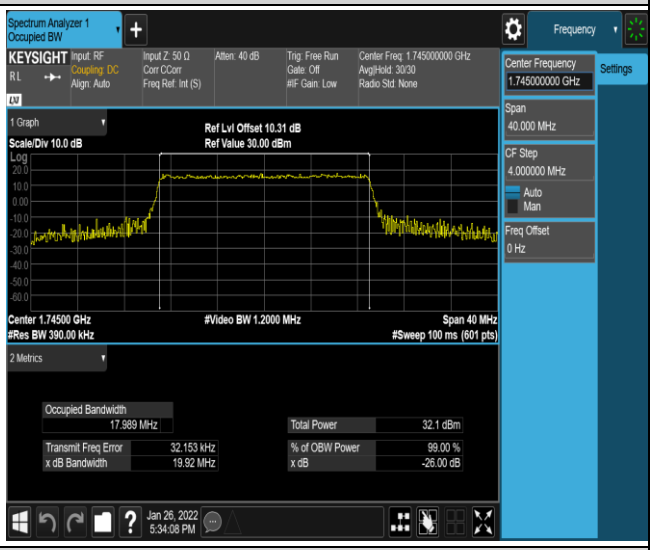


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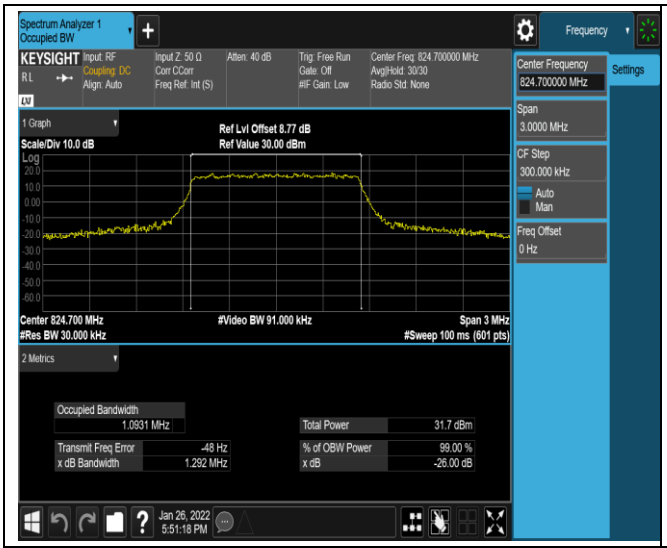


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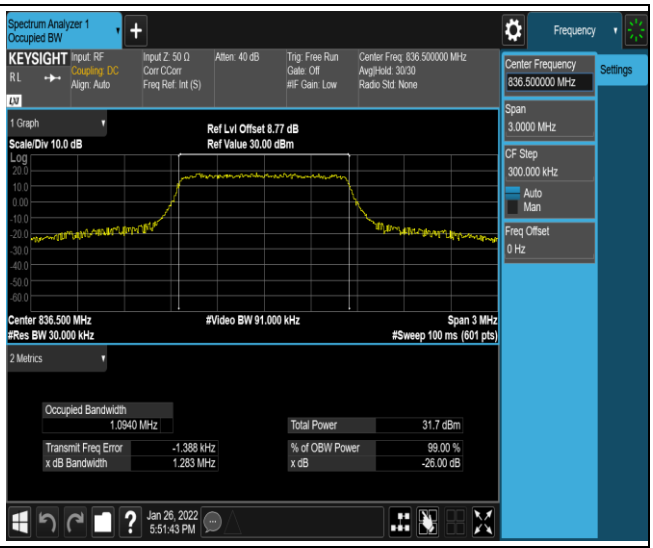


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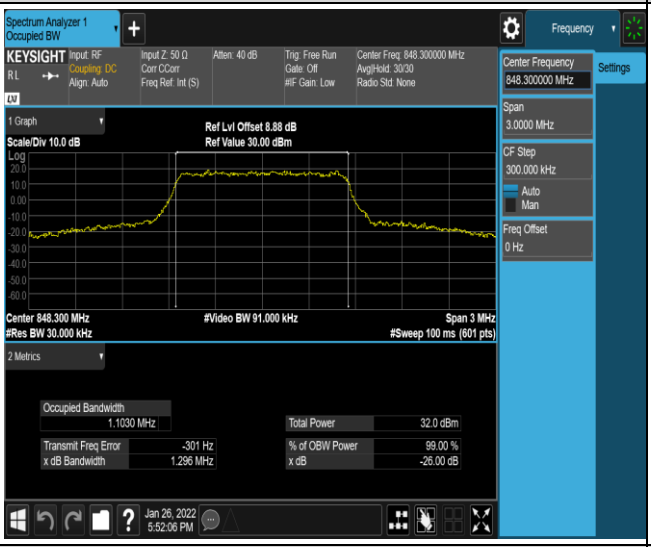


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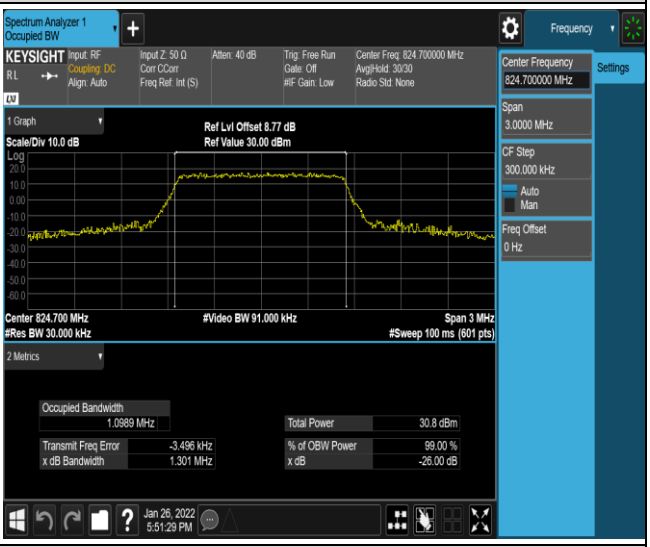


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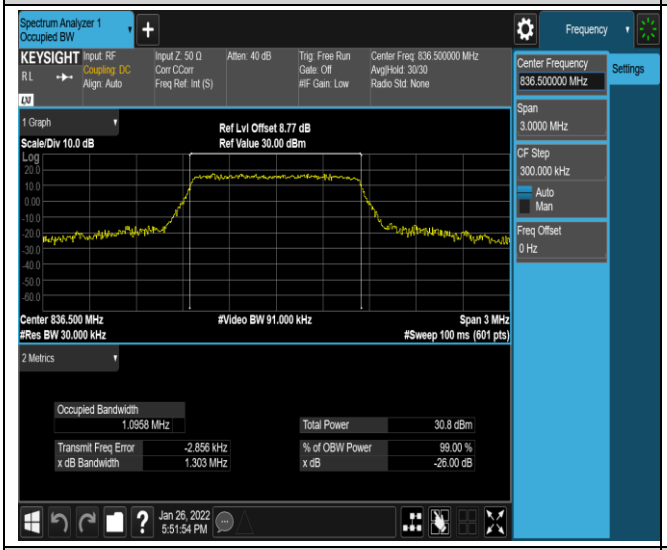


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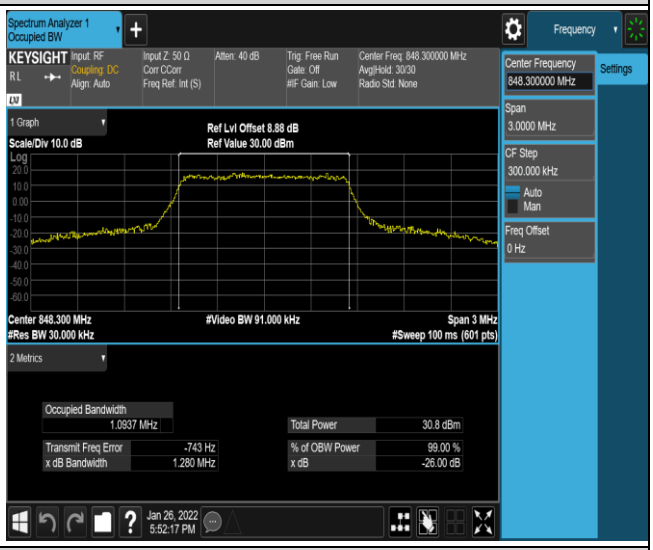


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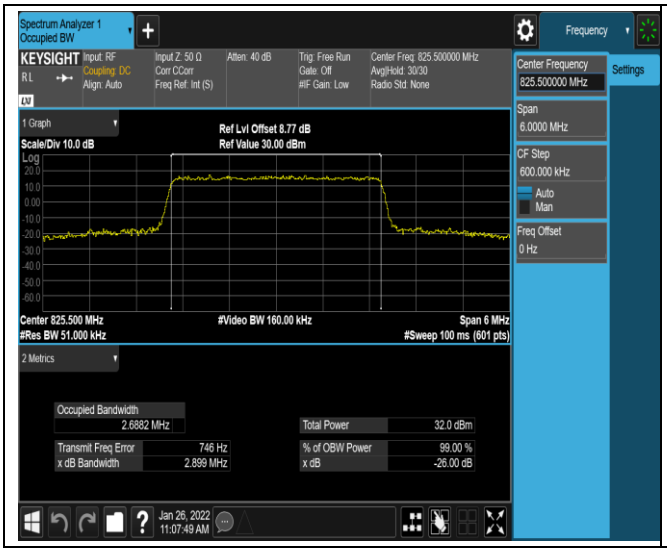


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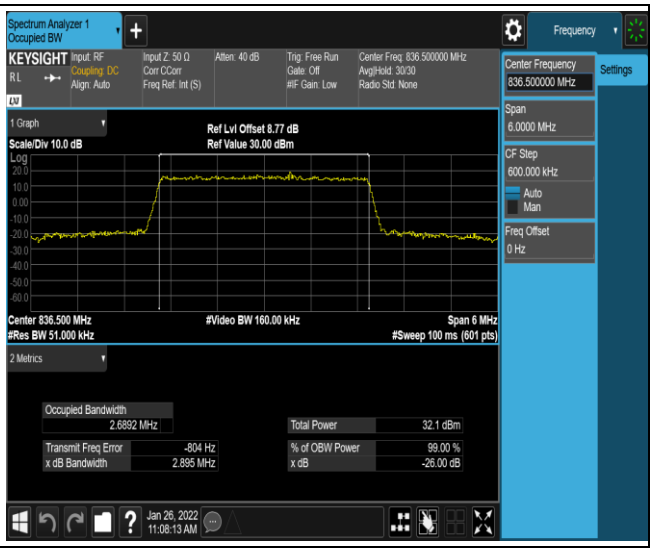


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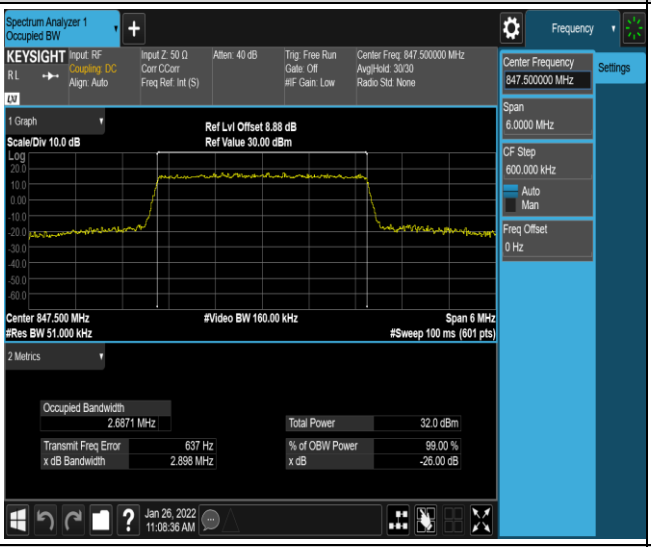


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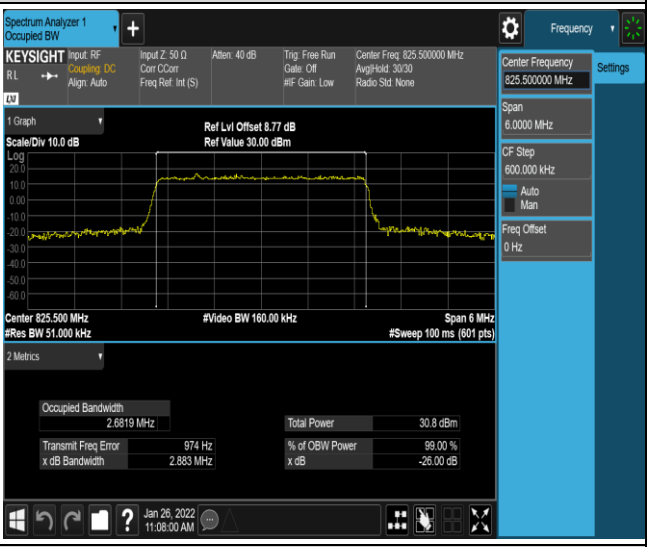


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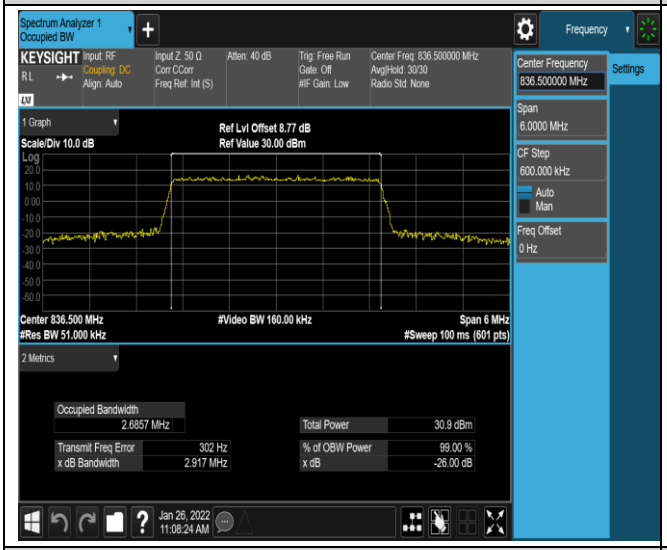


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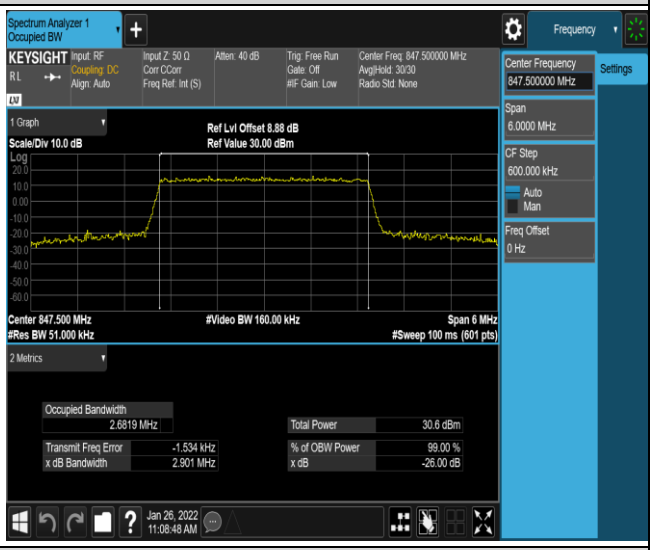


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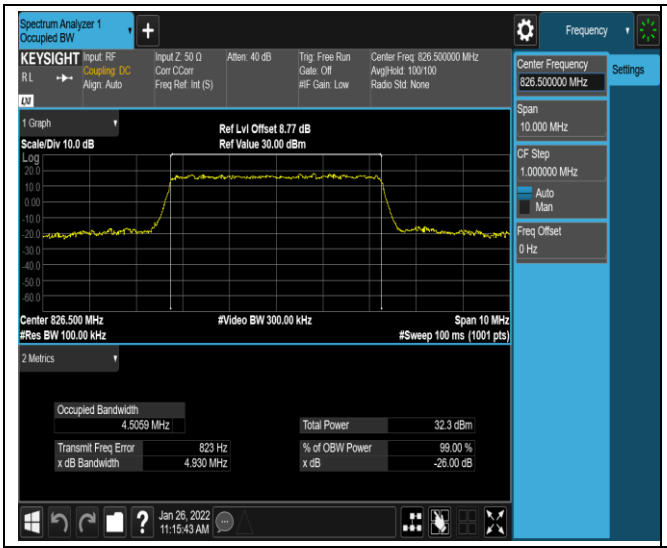


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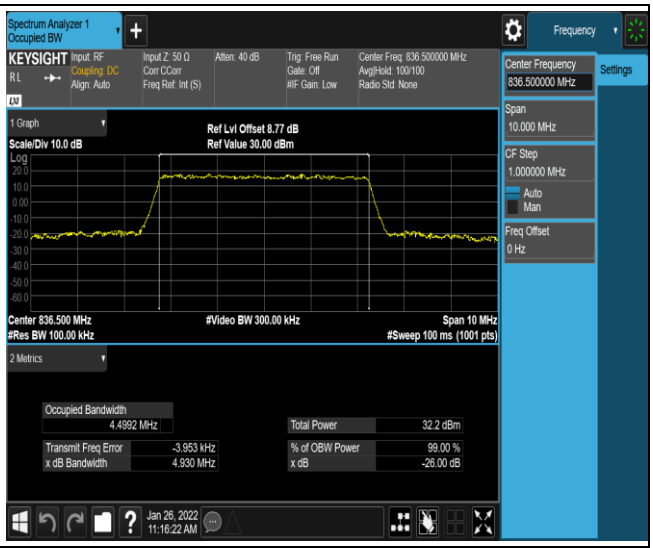


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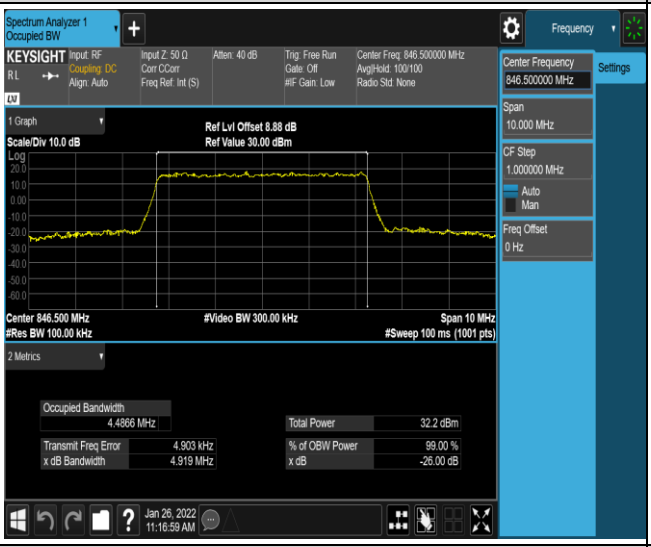


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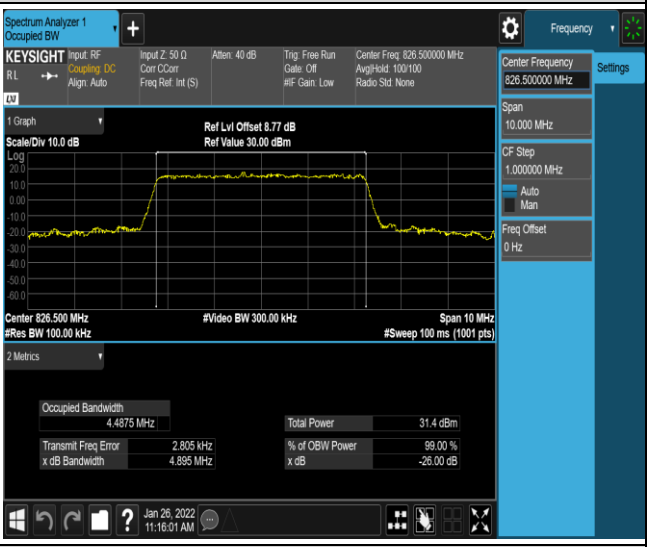


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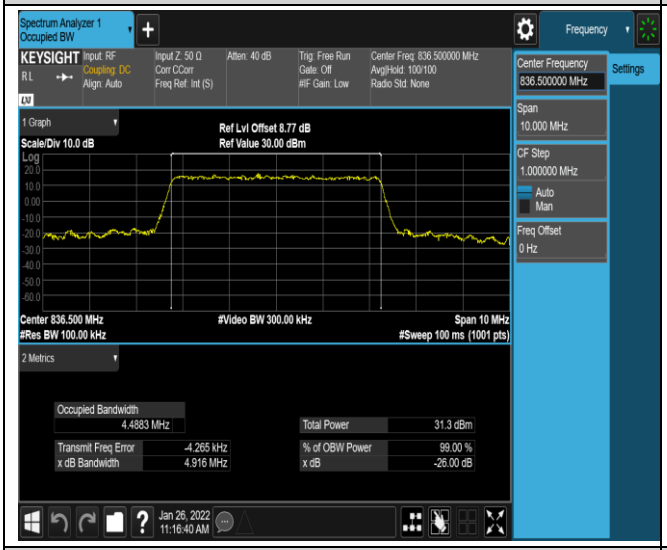


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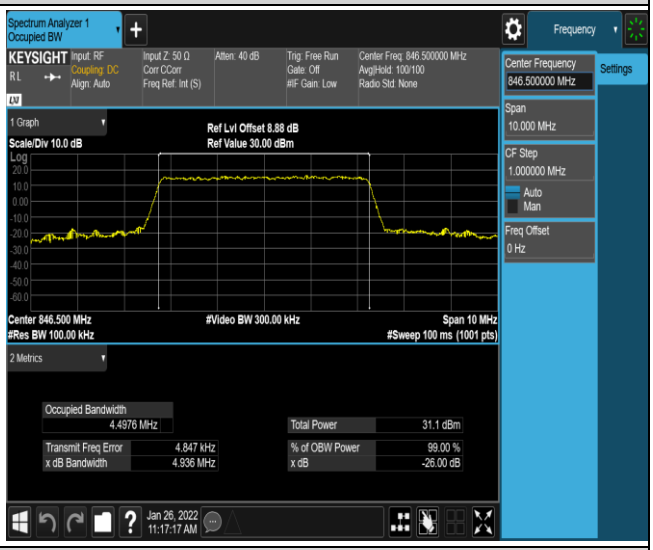


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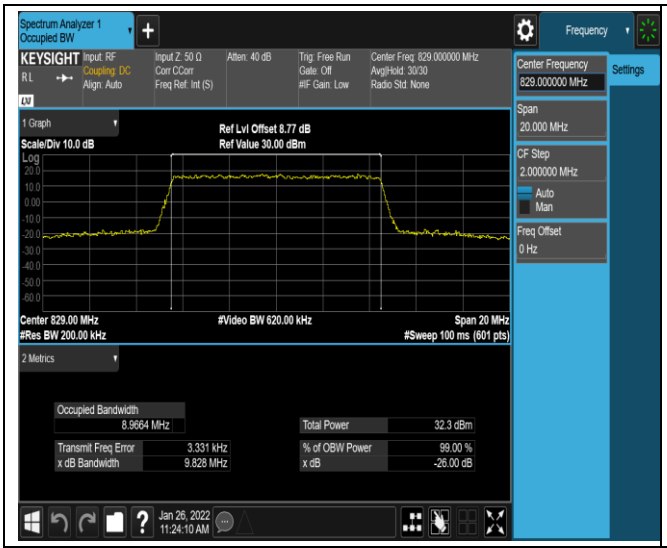


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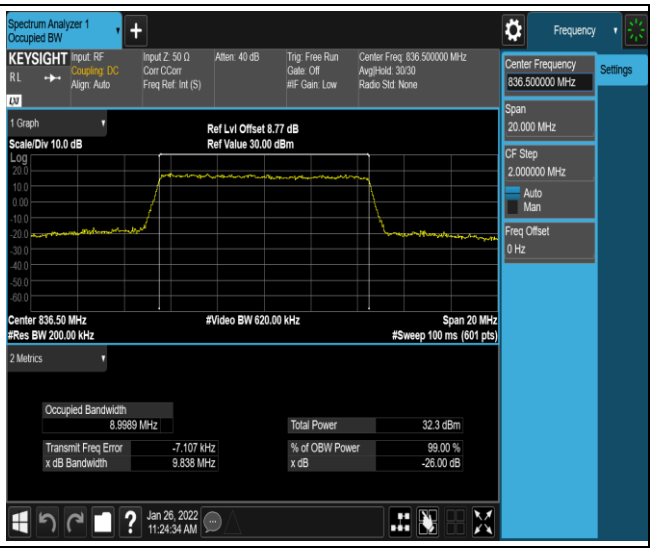


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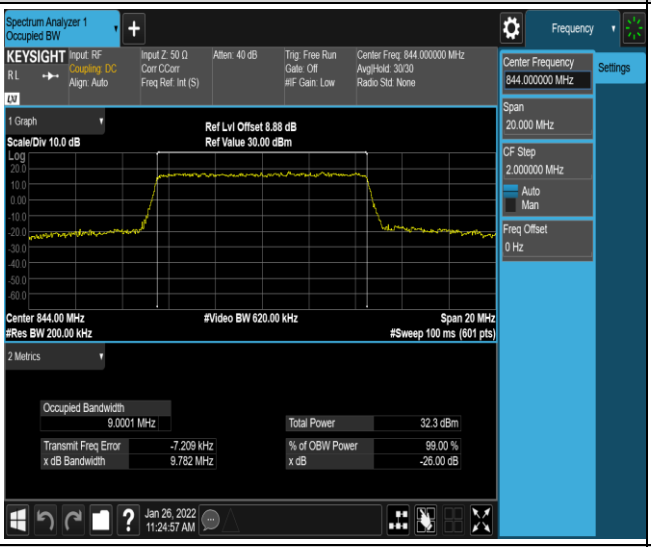


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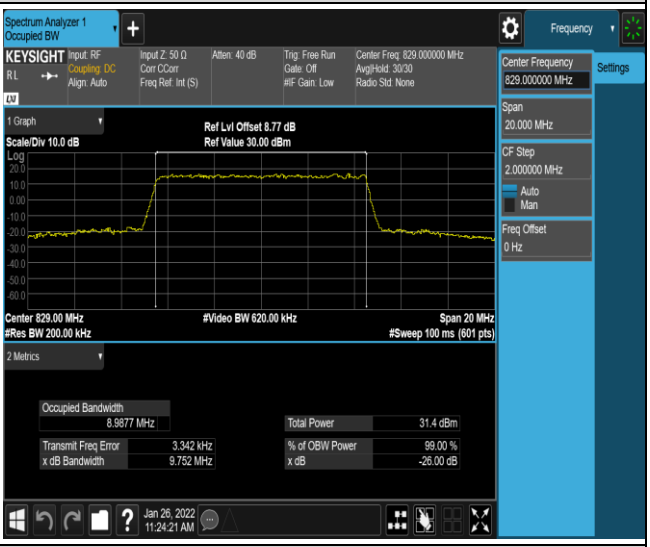


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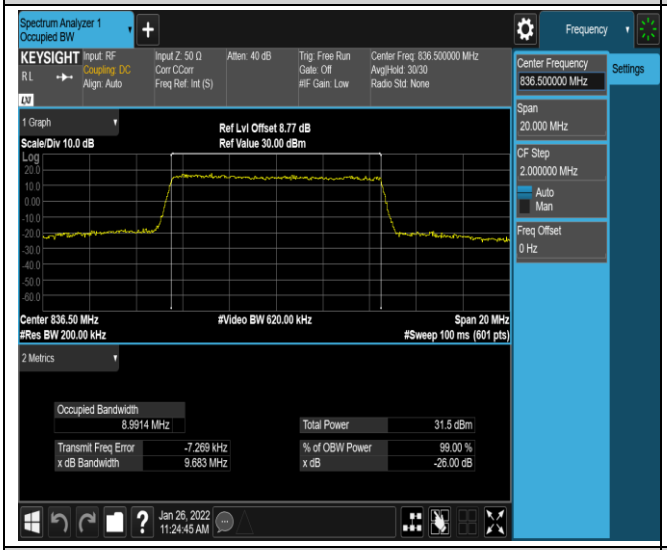


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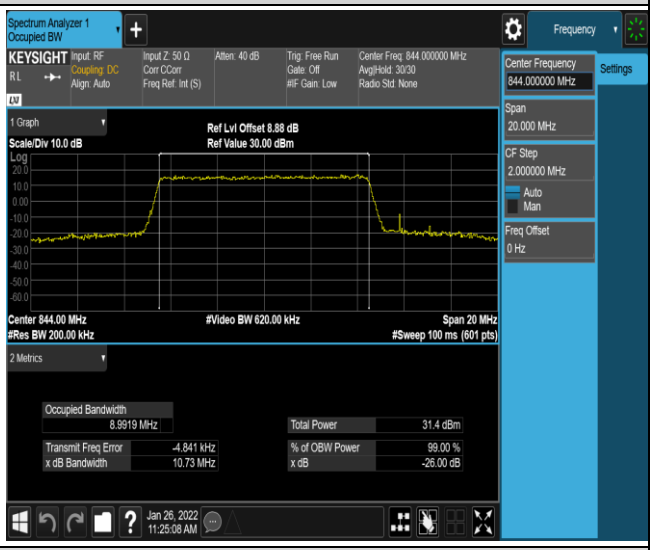


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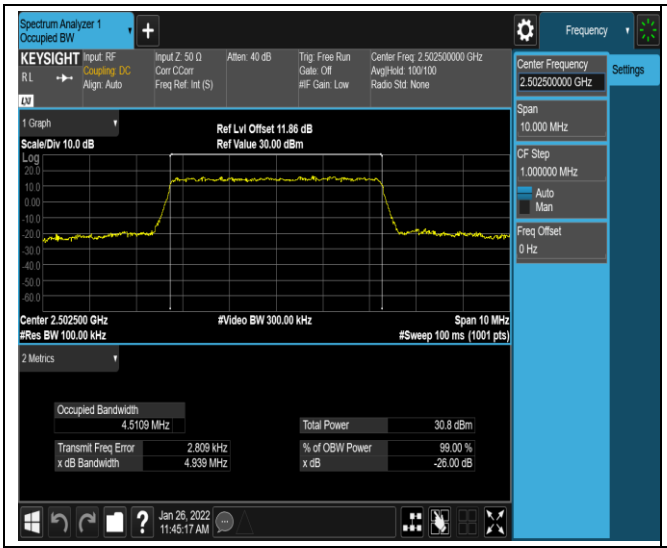


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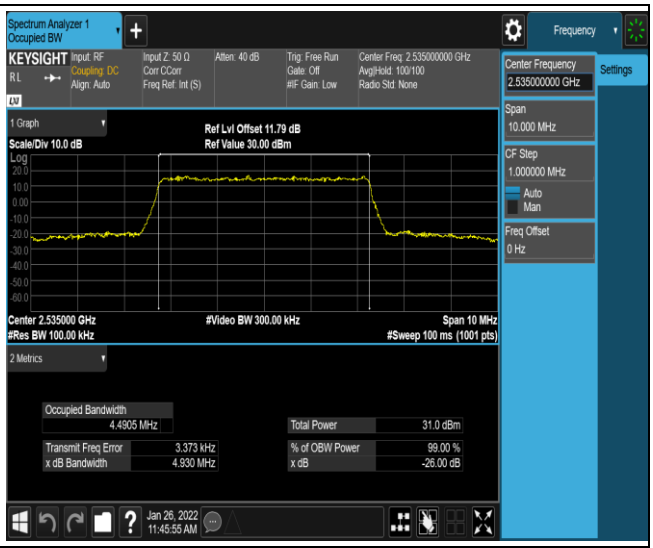


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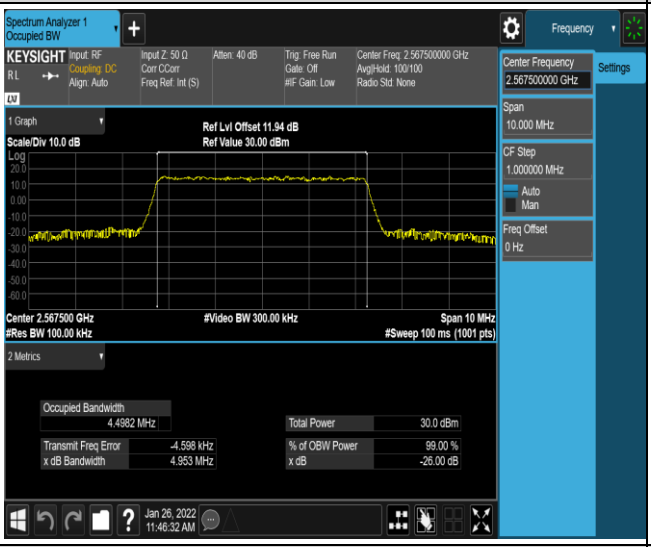


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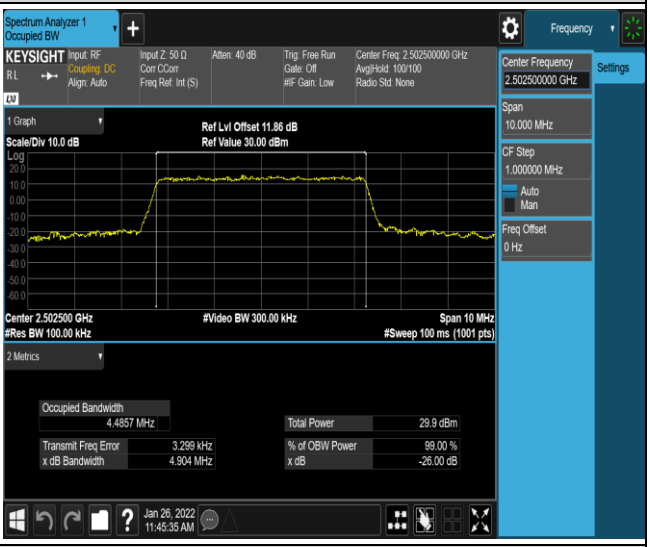


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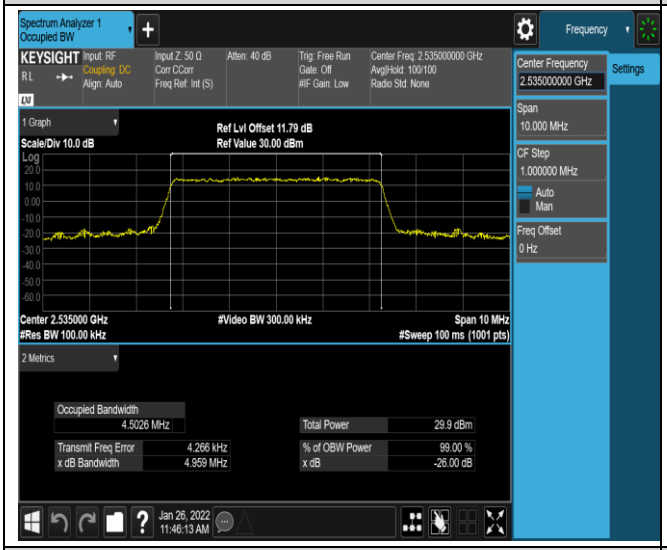


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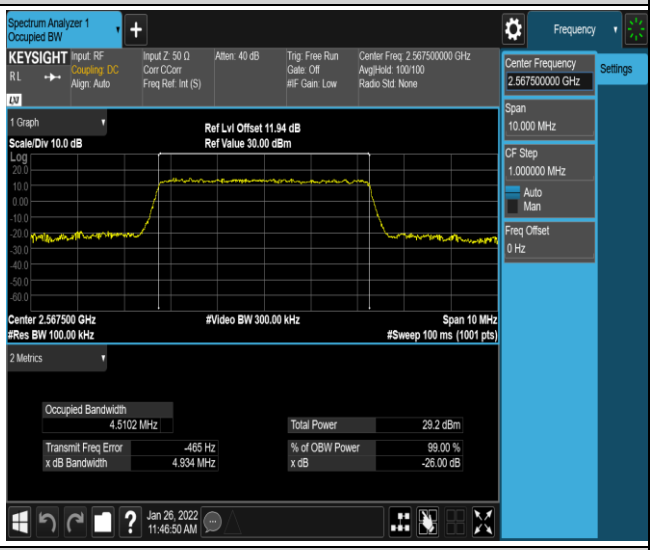


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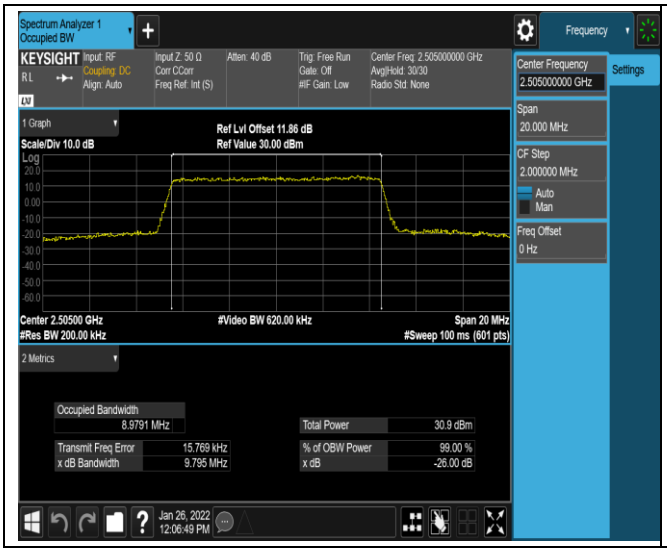


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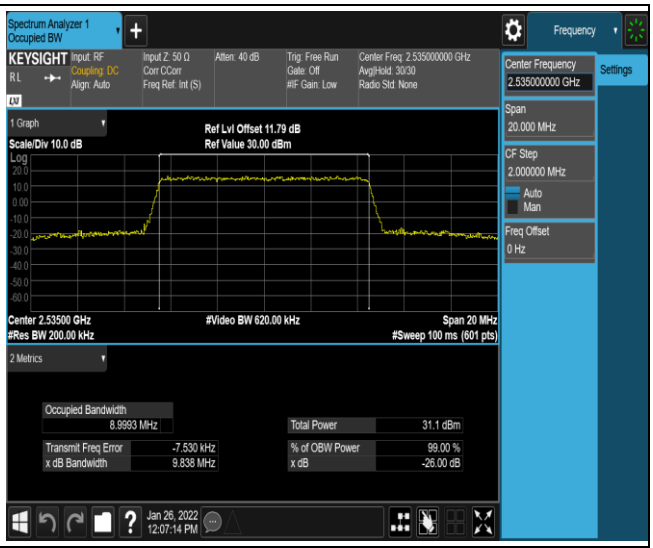


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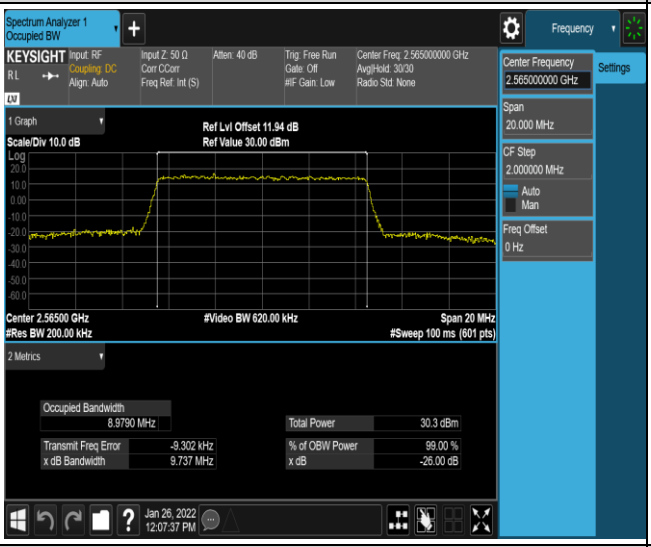
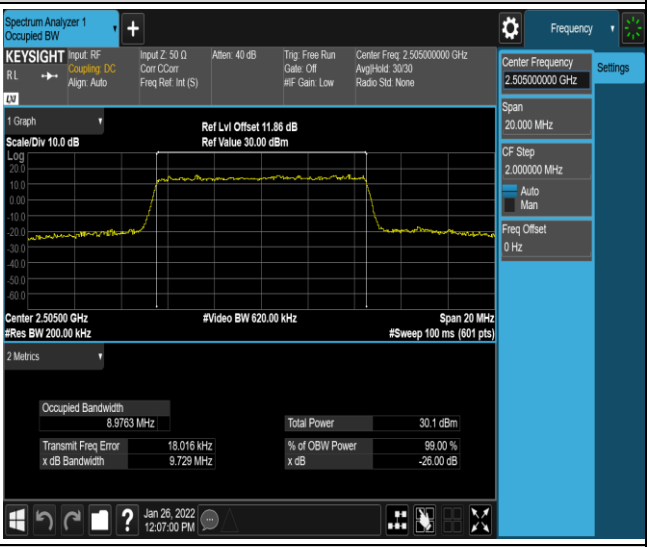



Band7-10MHz-16QAM-21100-50RB#0

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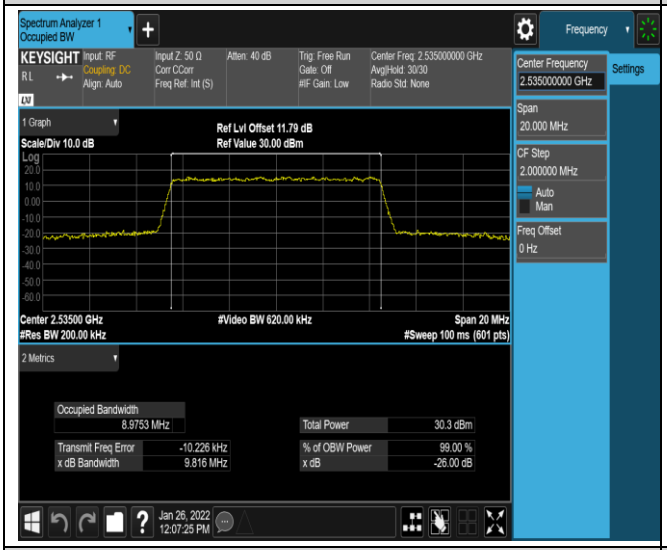


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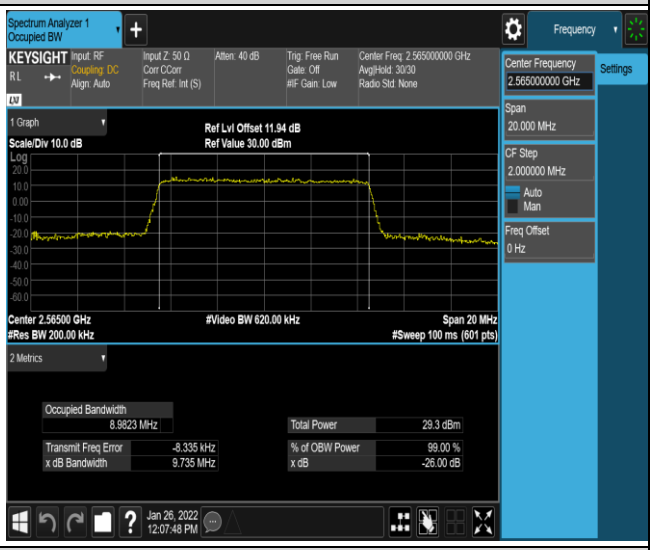
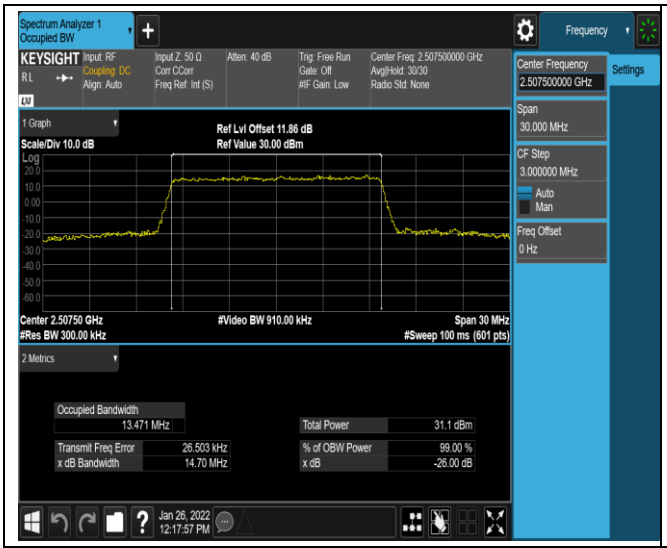
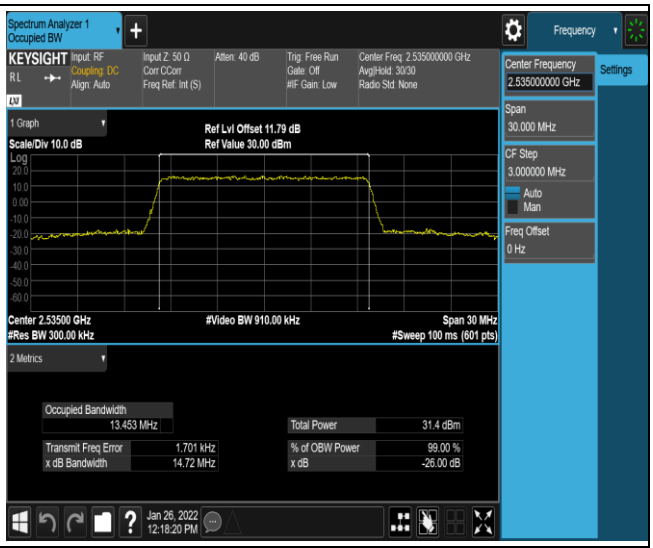



Band7-15MHz-QPSK-21100-75RB#0




Band7-15MHz-QPSK-21375-75RB#0

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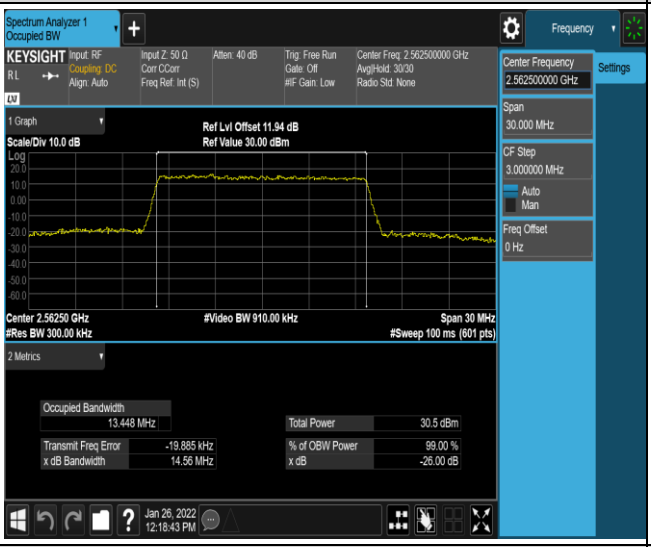


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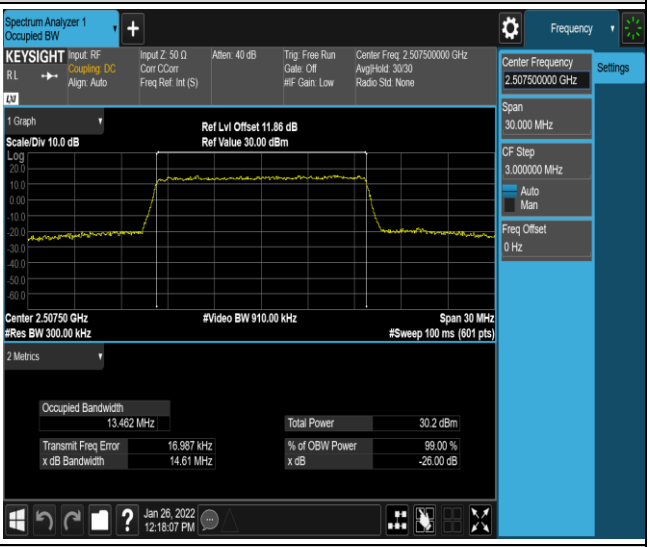
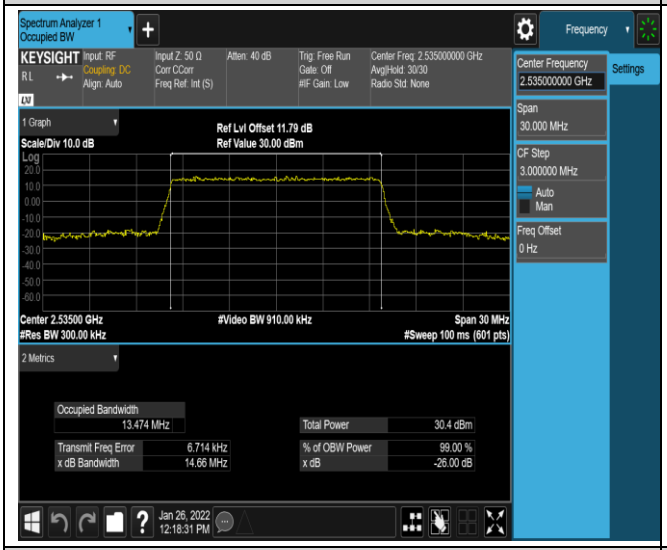
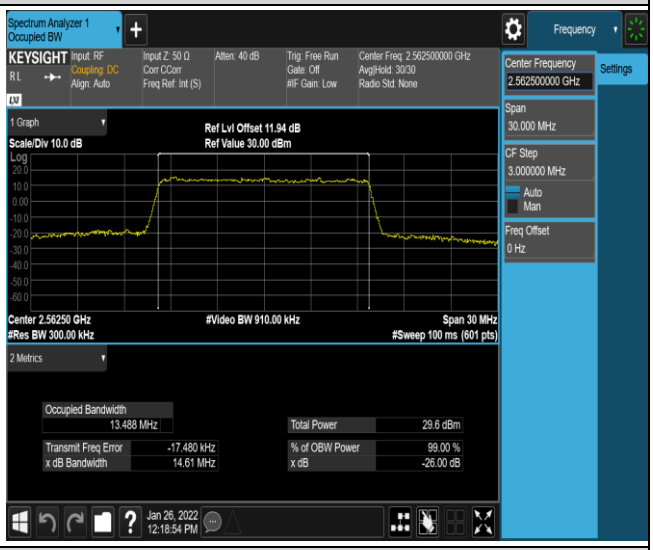



Band7-15MHz-16QAM-21375-75RB#0




Band7-20MHz-QPSK-20850-100RB#0

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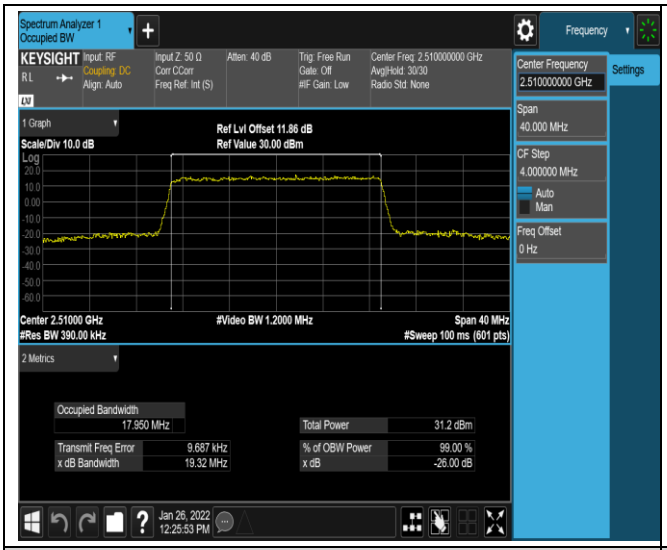


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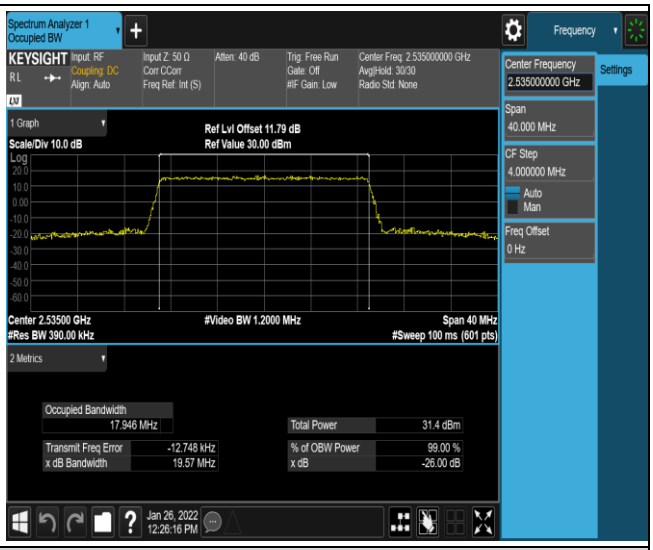


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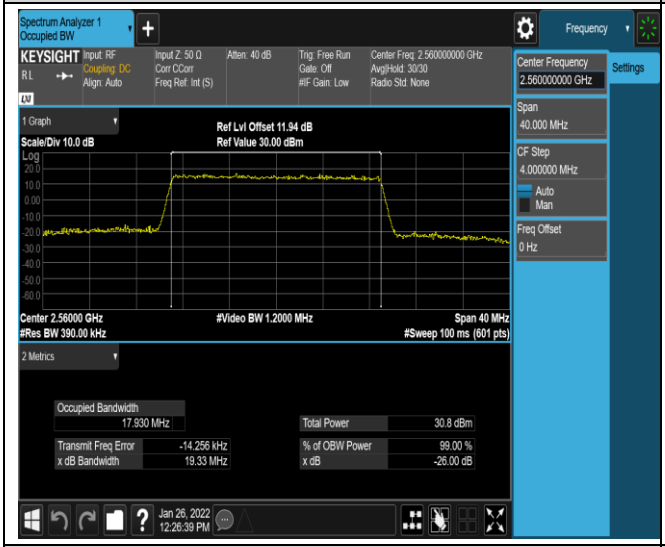


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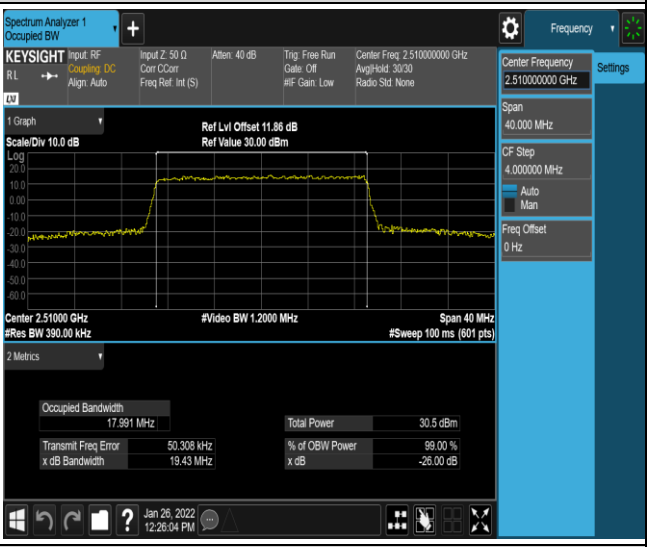


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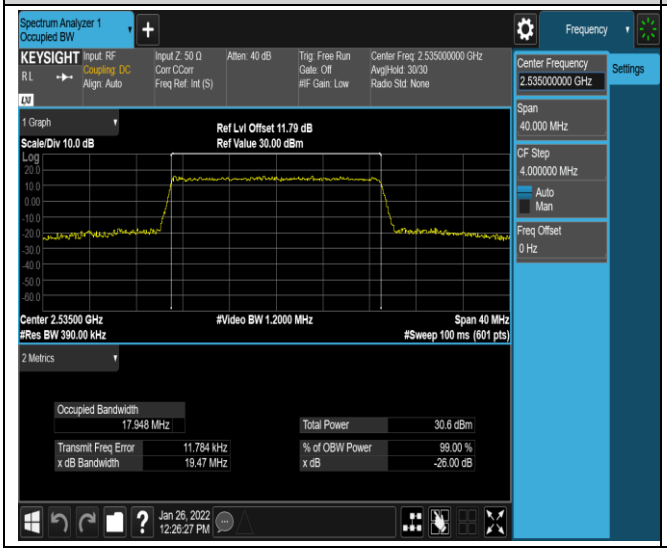
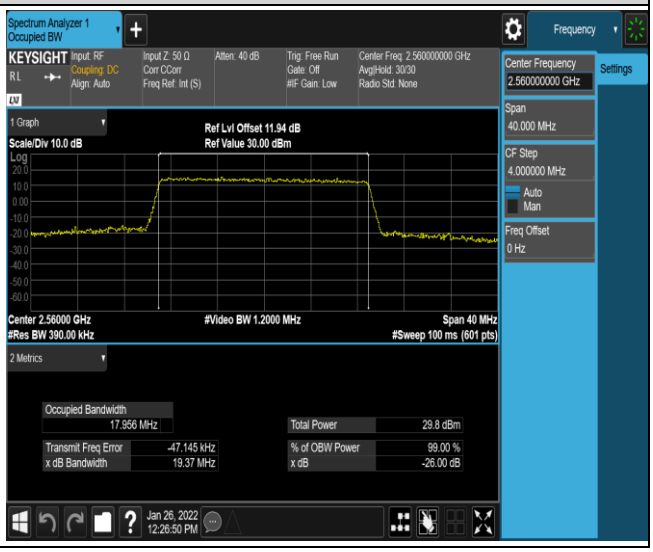


# Appendix D: Band Edge

## Test Result (worst case)

| Band | Bandwidth | Modulation | Channel | RB Config. | Result (dBm) | Verdict |
|---|---|---|---|---|---|---|
| Band2 | 1.4MHz | QPSK | 18607 | 1RB#0 | -38.79,-28.49 | PASS |
| Band2 | 1.4MHz | QPSK | 18607 | 1RB#5 | -29.74,-37.14 | PASS |
| Band2 | 1.4MHz | QPSK | 18607 | 6RB#0 | -27.12,-29.62 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 1RB#0 | -35.91,-29.19 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 1RB#5 | -24.76,-37.12 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 6RB#0 | -26.78,-25.72 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 1RB#0 | -38.89,-25.80 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 1RB#5 | -32.06,-38.22 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 6RB#0 | -28.12,-31.08 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#0 | -38.09,-31.92 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#5 | -24.12,-38.25 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 6RB#0 | -28.74,-26.24 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 1RB#0 | -44.25,-39.06 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 1RB#99 | -36.17,-58.35 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 100RB#0 | -28.43,-32.64 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 1RB#0 | -59.04,-46.19 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 1RB#99 | -37.90,-43.90 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 100RB#0 | -30.53,-26.64 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#0 | -44.32,-39.30 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#99 | -39.14,-58.78 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 100RB#0 | -29.21,-33.24 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#0 | -59.51,-46.17 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#99 | -40.70,-44.24 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 100RB#0 | -31.99,-28.18 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 1RB#0 | -37.74,-23.17 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 1RB#5 | -27.59,-35.51 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 6RB#0 | -29.12,-31.81 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 1RB#0 | -36.54,-29.17 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 1RB#5 | -22.48,-37.98 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 6RB#0 | -29.89,-30.05 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#0 | -37.96,-24.74 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#5 | -30.18,-37.32 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0 | -29.08,-31.96 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#0 | -38.74,-31.61 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#5 | -26.26,-37.73 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0 | -32.27,-30.60 | PASS |

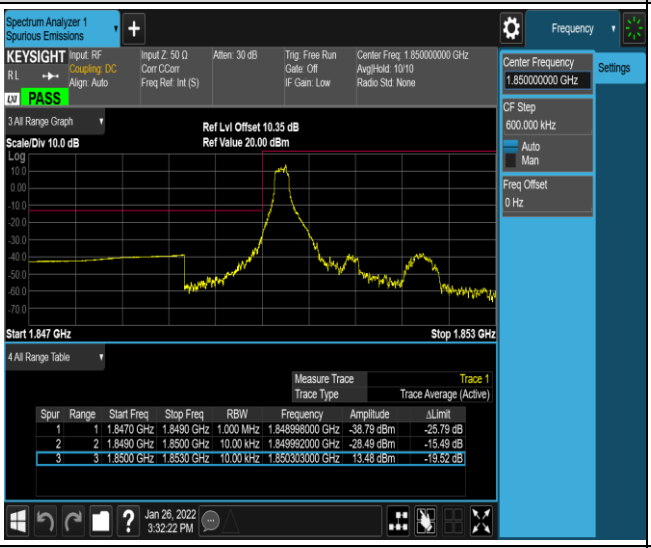
| | | | | | | |
|---|---|---|---|---|---|---|
| Band4 | 20MHz | QPSK | 20050 | 1RB#0 | -41.33,-38.13 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 1RB#99 | -32.03,-55.99 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | -34.24,-37.86 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 1RB#0 | -57.51,-34.25 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 1RB#99 | -39.16,-41.78 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | -36.48,-32.98 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0 | -42.60,-37.81 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99 | -34.99,-55.26 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | -33.07,-36.71 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0 | -57.85,-37.33 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99 | -38.75,-42.92 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | -37.90,-34.12 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 1RB#0 | -48.76,-21.88 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 1RB#5 | -50.76,-42.31 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 6RB#0 | -35.44,-26.02 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 1RB#0 | -40.26,-50.42 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 1RB#5 | -21.77,-48.47 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 6RB#0 | -28.14,-38.13 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#0 | -49.17,-20.90 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#5 | -50.71,-41.47 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | -37.21,-27.55 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#0 | -41.22,-50.47 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#5 | -25.26,-48.87 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | -30.22,-39.39 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 1RB#0 | -49.43,-32.34 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 1RB#49 | -40.73,-55.67 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | -36.96,-30.14 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 1RB#0 | -56.48,-38.55 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 1RB#49 | -29.67,-47.86 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | -30.11,-36.41 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0 | -51.42,-30.85 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#49 | -43.20,-57.19 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | -37.79,-30.98 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0 | -56.04,-40.25 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49 | -32.18,-49.05 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | -32.24,-38.58 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 1RB#0 | -46.89,-42.99,-38.55,-26.99 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 1RB#24 | -49.91,-31.59,-31.57,-55.27 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | -37.44,-34.62,-25.91,-32.21 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#0 | -56.30,-30.64,-48.22,-50.20 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#24 | -29.78,-39.79,-48.21,-47.22 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | -33.75,-27.33,-36.34,-36.92 | PASS |

| | | | | | | |
|---|---|---|---|---|---|---|
| Band7 | 5MHz | 16QAM | 20775 | 1RB#0 | -47.60,-43.84,-39.46,-29.28 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#24 | -49.95,-34.11,-33.99,-54.93 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | -38.20,-34.56,-25.93,-32.75 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#0 | -57.16,-32.80,-48.36,-50.20 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#24 | -27.98,-40.16,-48.24,-47.76 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | -33.72,-26.48,-36.20,-37.32 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#0 | -47.47,-46.74,-43.75,-40.17 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#99 | -39.41,-47.86,-46.21,-59.58 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | -34.94,-33.37,-31.08,-35.39 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#0 | -60.74,-47.12,-34.17,-51.18 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#99 | -41.75,-44.41,-44.82,-51.24 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | -37.28,-33.08,-35.81,-42.22 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | -48.52,-47.07,-43.98,-41.16 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#99 | -41.86,-47.91,-46.18,-59.78 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | -34.87,-33.11,-31.24,-35.33 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | -59.79,-47.13,-36.84,-51.26 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#99 | -41.86,-44.71,-45.64,-51.27 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | -37.11,-32.93,-34.79,-43.19 | PASS |

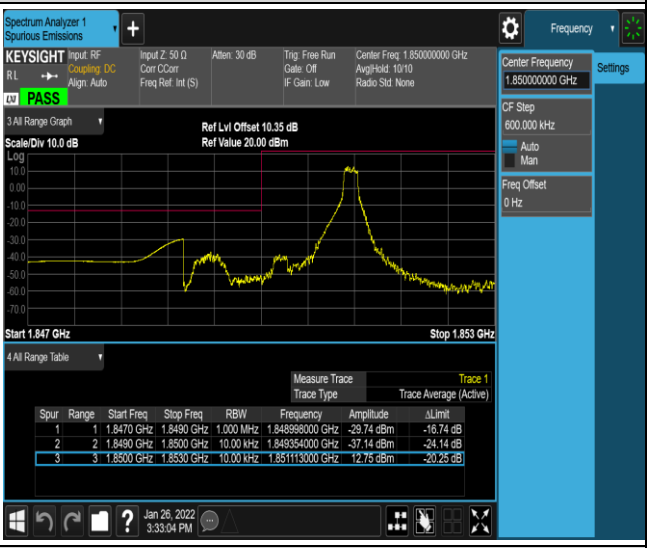
*Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.*

## Test Graphs

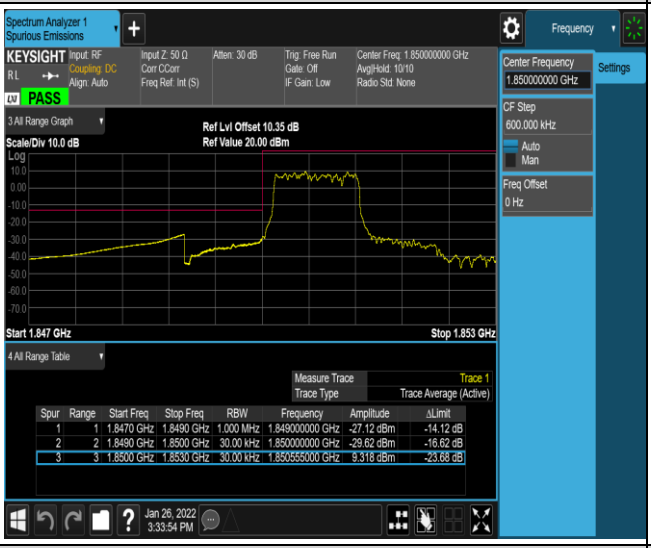
Band2-1.4MHz-QPSK-18607-1RB#0




Band2-1.4MHz-QPSK-18607-1RB#5




Band2-1.4MHz-QPSK-18607-6RB#0

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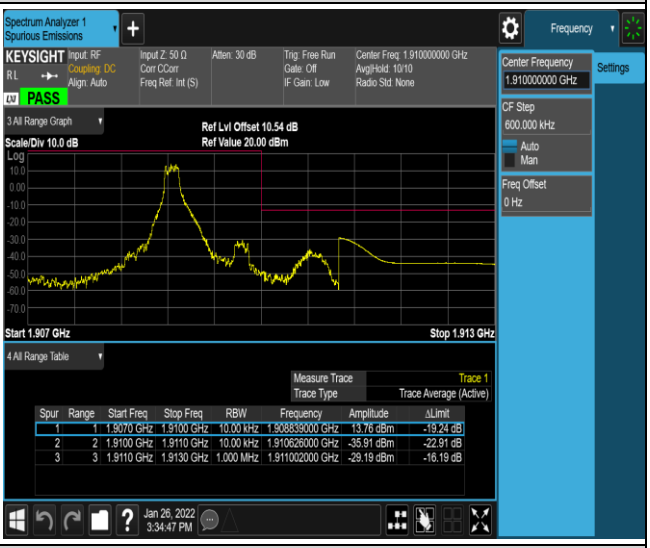


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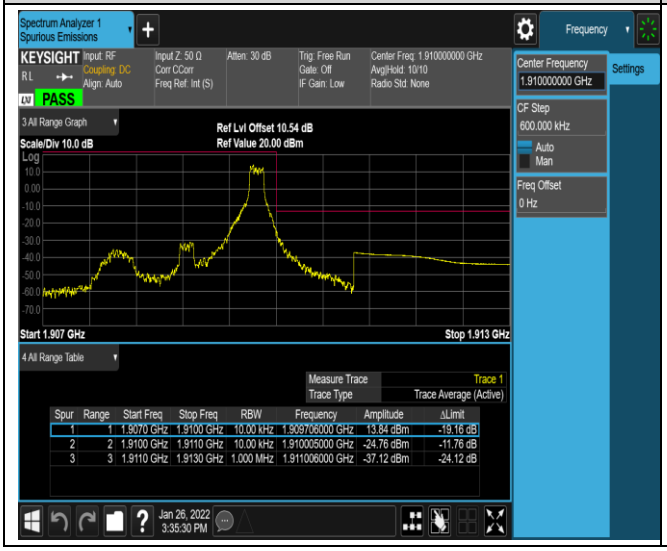


Band2-1.4MHz-QPSK-19193-6RB#0