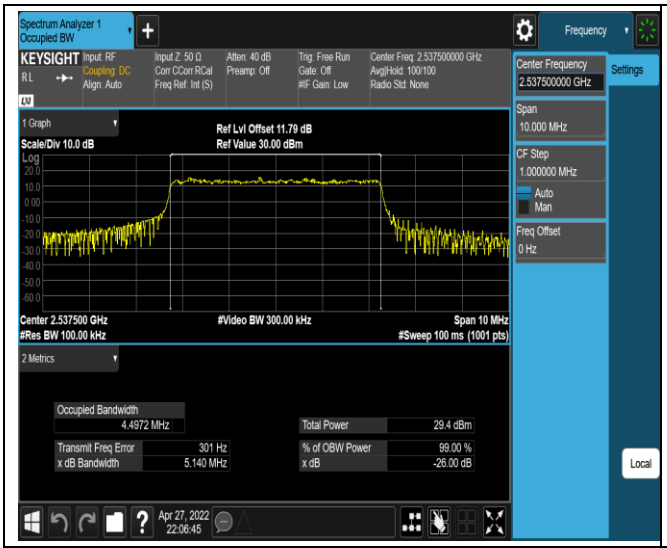
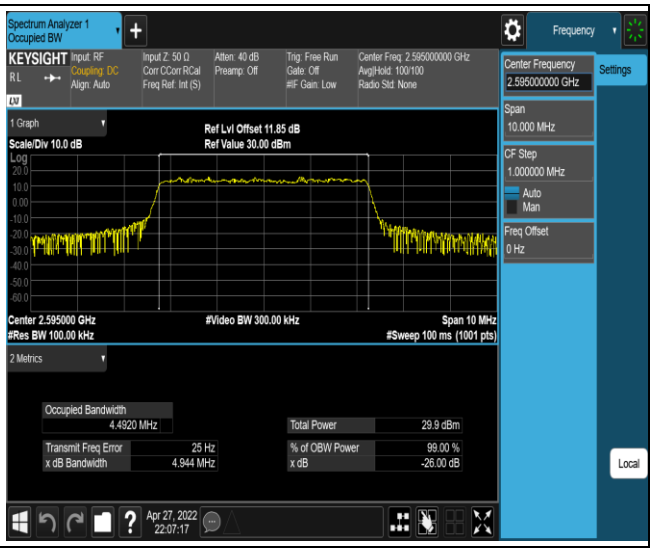
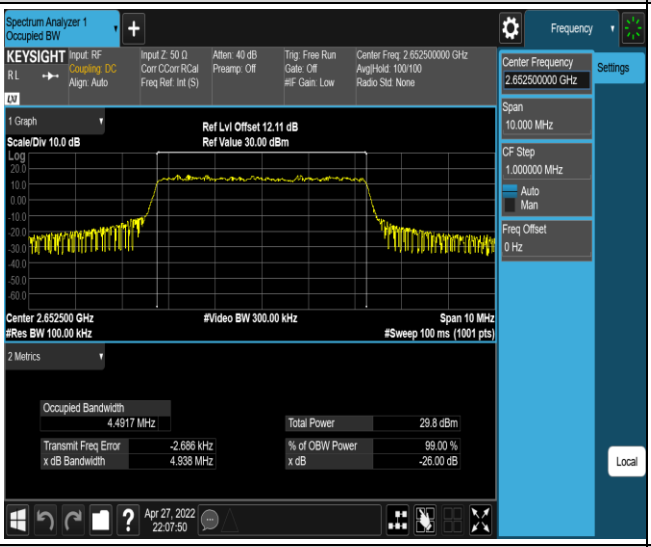


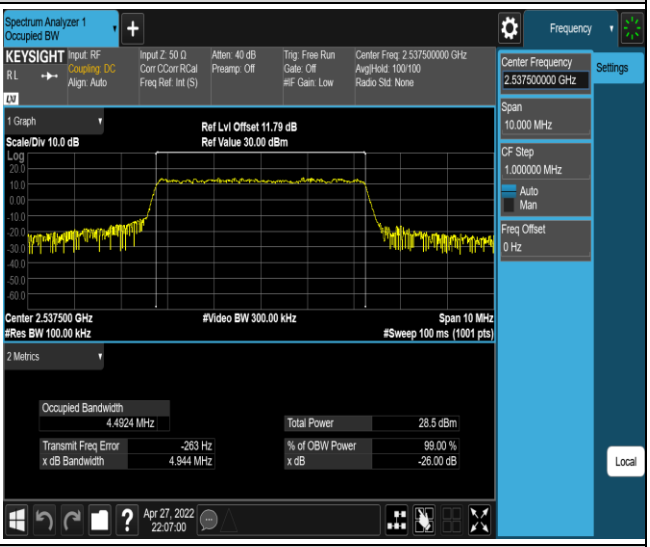

Band41-5MHz-QPSK-41215-25RB#0




Band41-5MHz-16QAM-40065-25RB#0




Band41-5MHz-16QAM-40640-25RB#0

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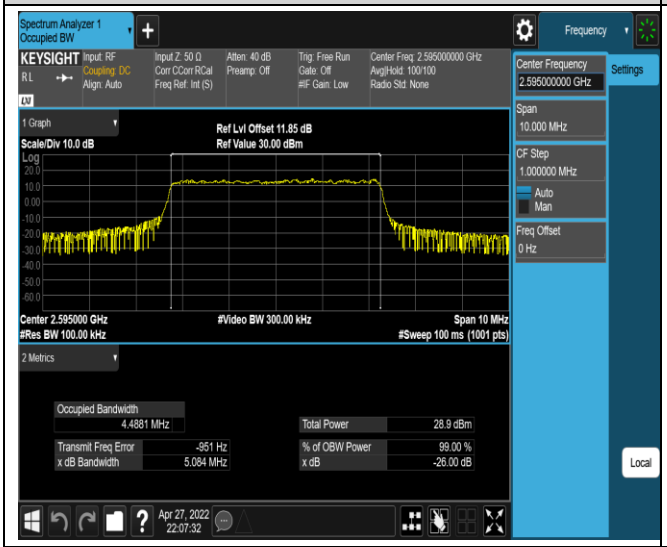
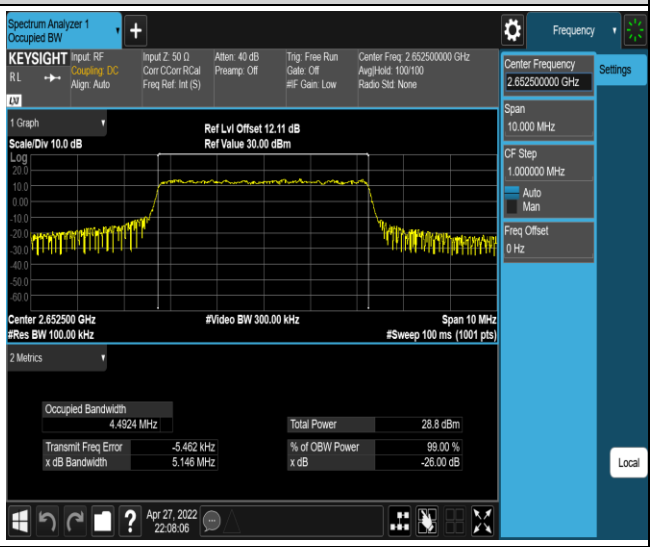



Band41-10MHz-QPSK-40090-50RB#0

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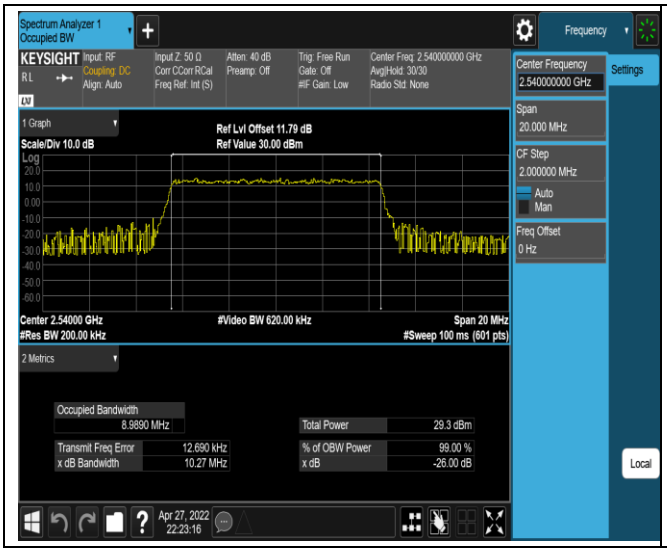
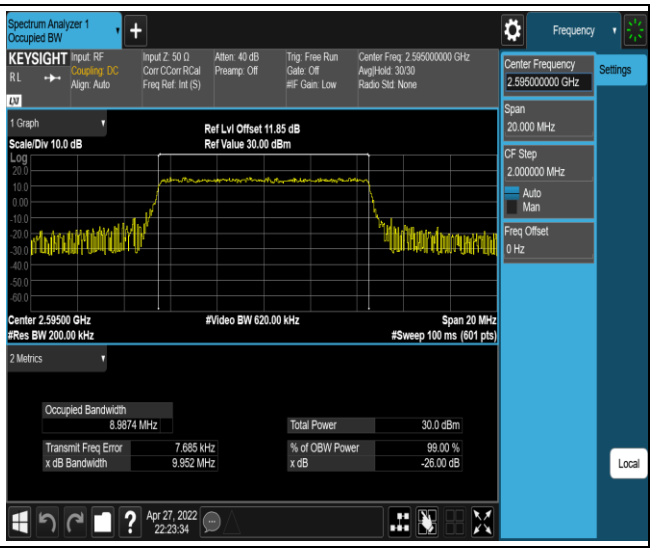



Band41-10MHz-QPSK-41190-50RB#0

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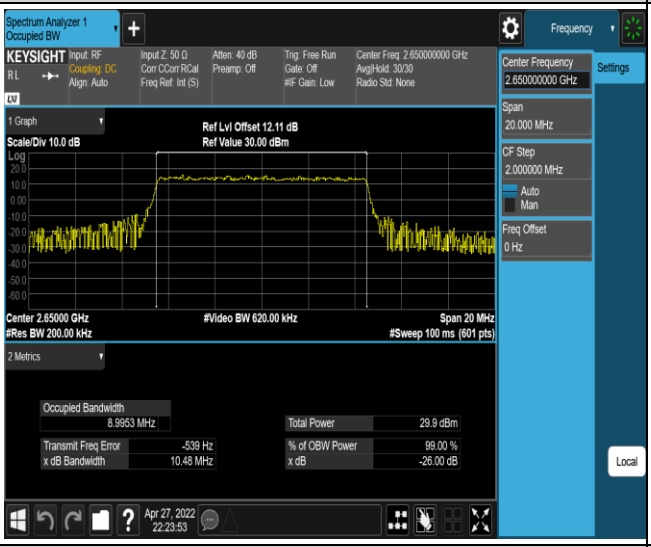
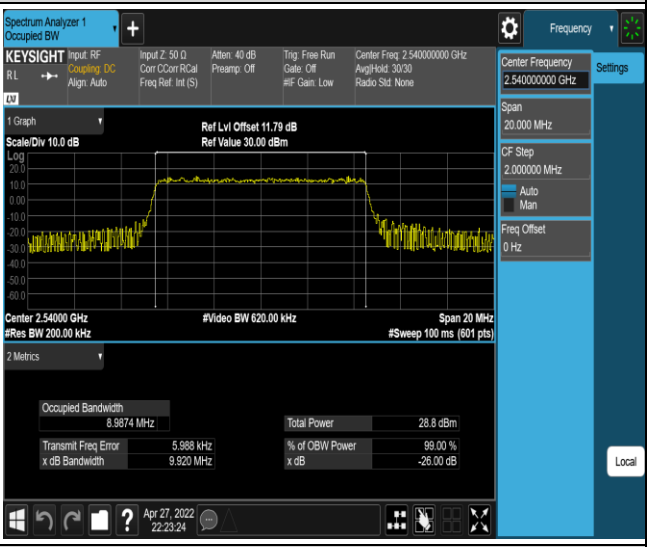



Band41-10MHz-16QAM-40640-50RB#0

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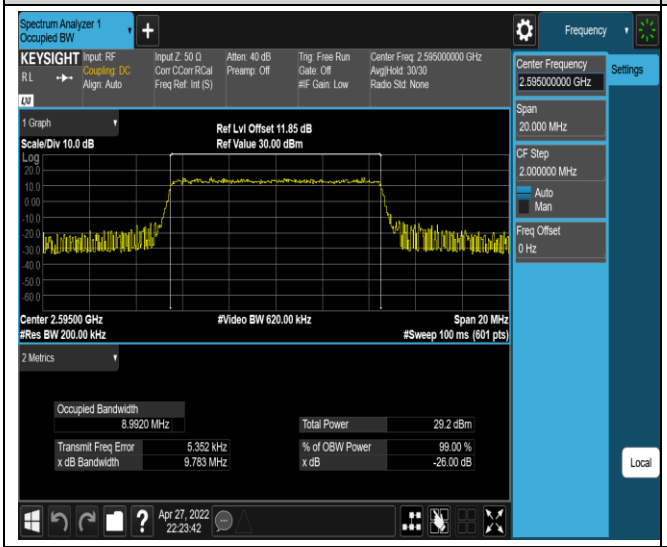
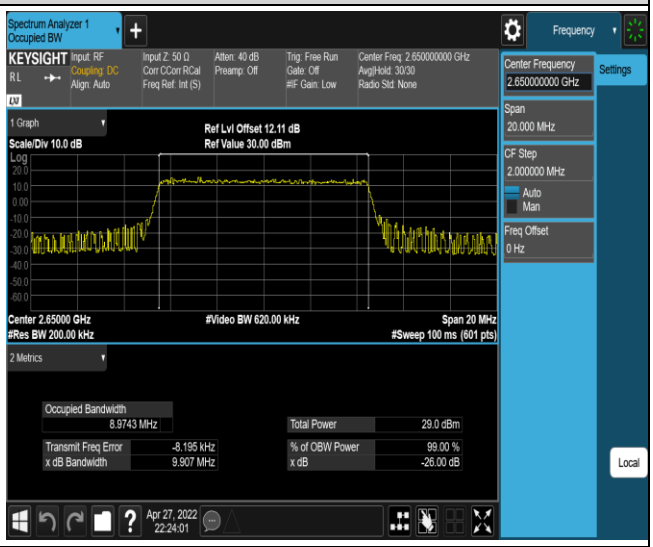
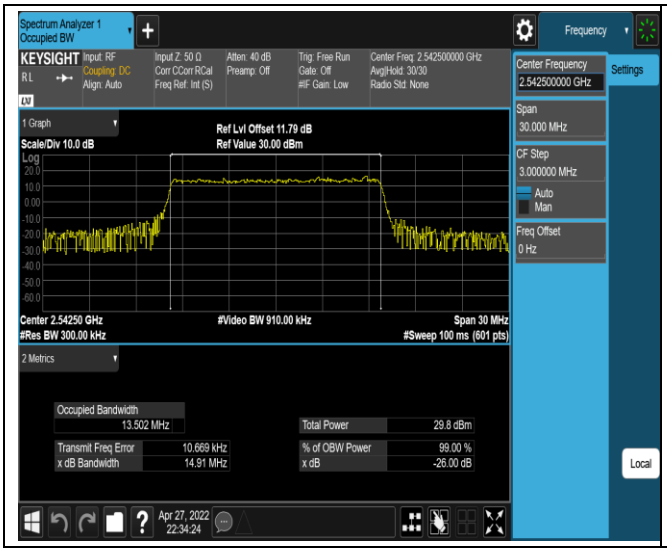



Band41-15MHz-QPSK-40115-75RB#0




Band41-15MHz-QPSK-40640-75RB#0

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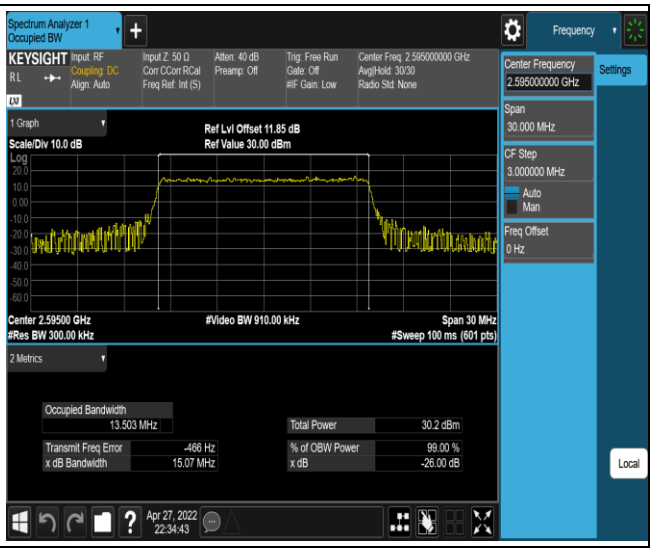


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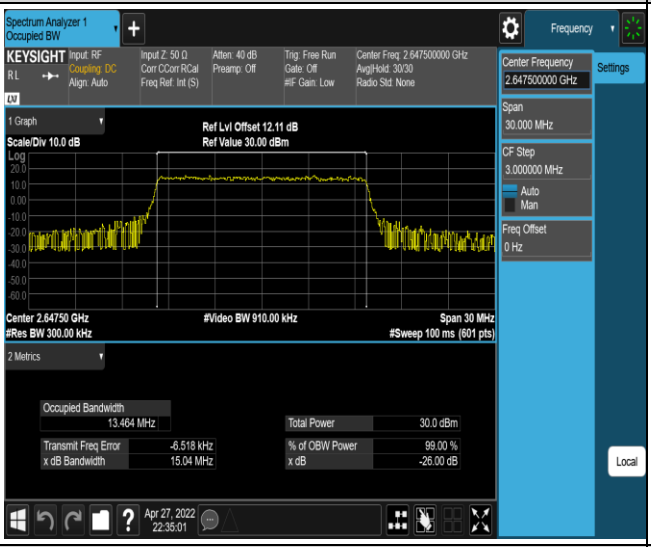
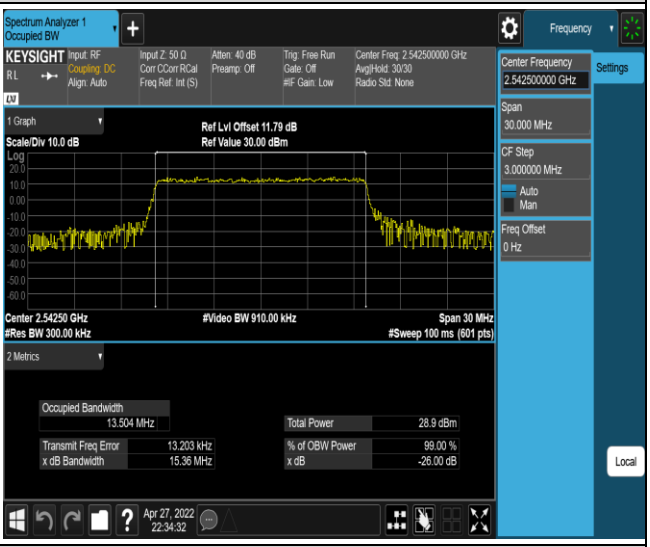
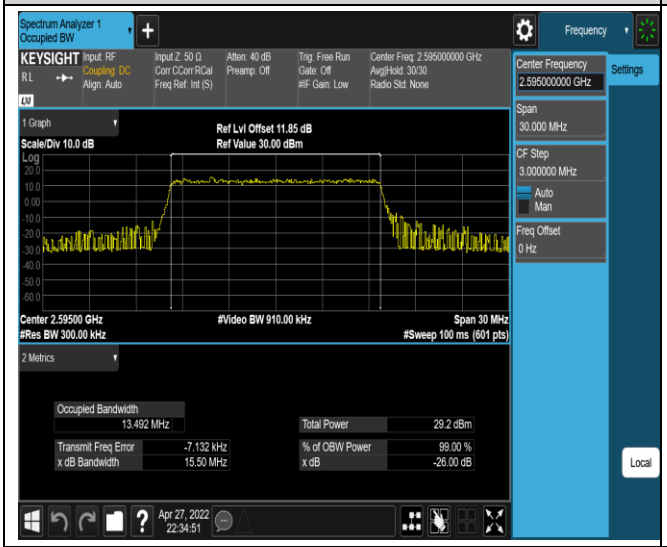


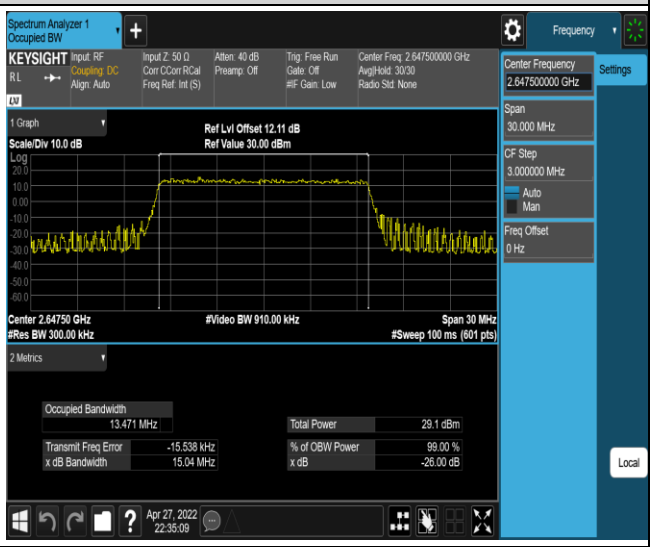

Band41-15MHz-16QAM-40640-75RB#0




Band41-15MHz-16QAM-41165-75RB#0




Band41-20MHz-QPSK-40140-100RB#0

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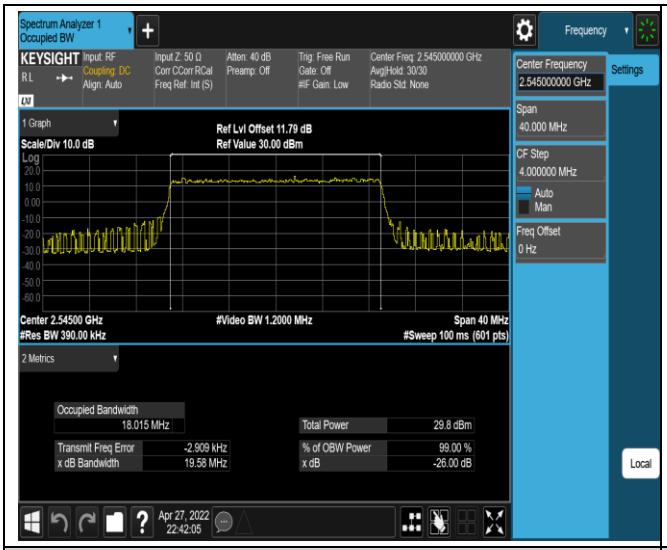


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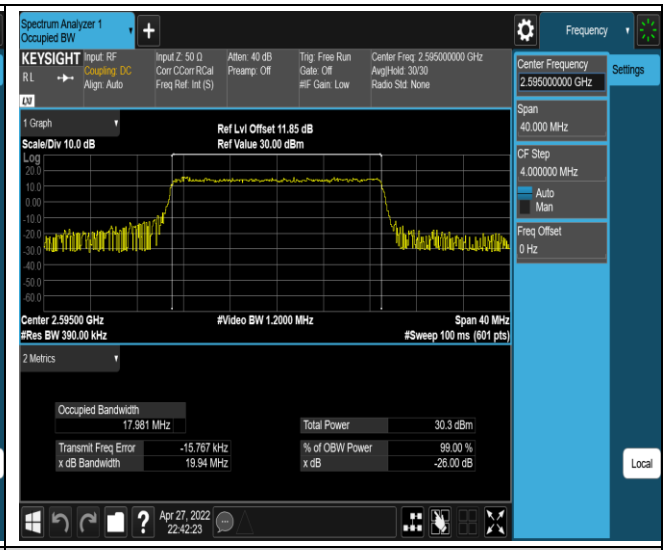


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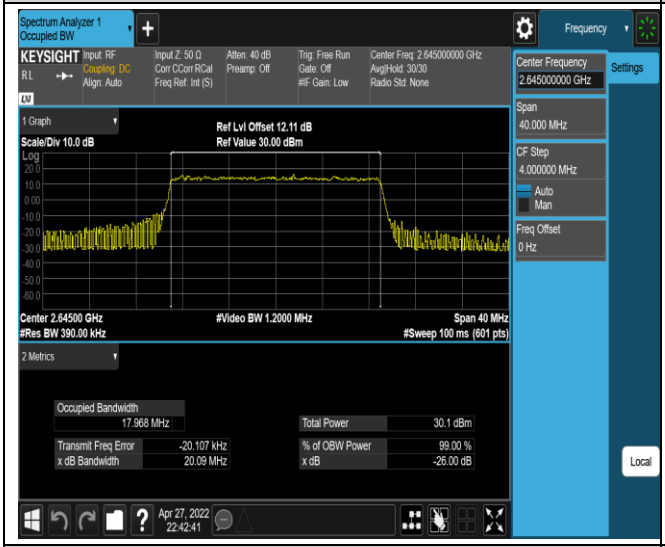


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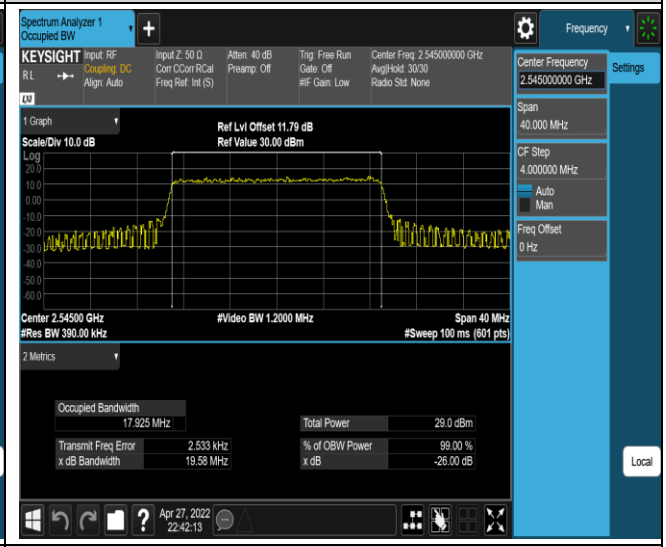


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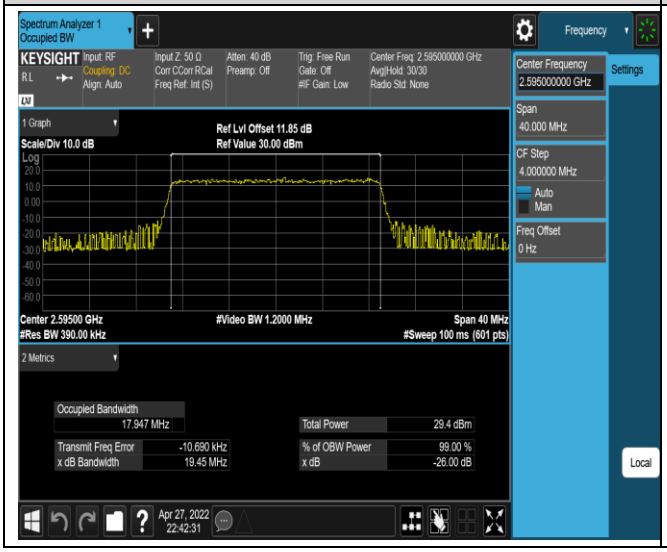
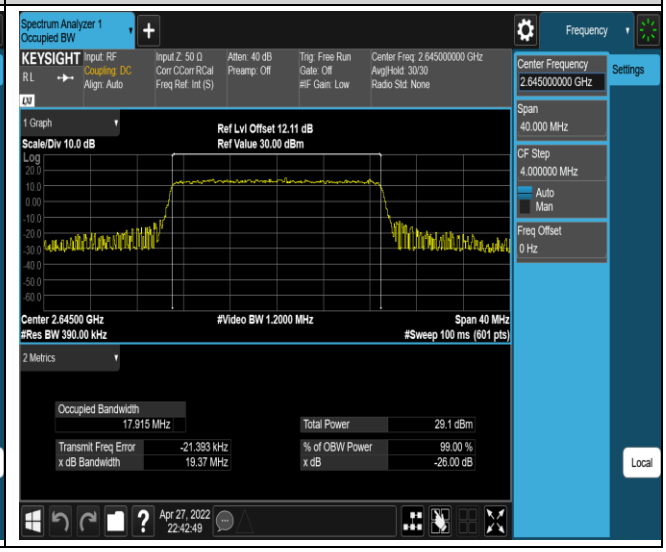


# Appendix D: Band Edge

## Test Result (worst case)

| Band | Bandwidth | Modulation | Channel | RB Config. | Result (dBm) | Verdict |
|---|---|---|---|---|---|---|
| Band2 | 1.4MHz | QPSK | 18607 | 1RB#0 | -34.11,-28.99 | PASS |
| Band2 | 1.4MHz | QPSK | 18607 | 1RB#5 | -30.43,-40.17 | PASS |
| Band2 | 1.4MHz | QPSK | 18607 | 6RB#0 | -33.59,-35.71 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 1RB#0 | -42.25,-32.21 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 1RB#5 | -29.24,-34.96 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 6RB#0 | -32.82,-33.92 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 1RB#0 | -34.70,-30.41 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 1RB#5 | -32.98,-41.87 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 6RB#0 | -34.03,-35.62 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#0 | -43.89,-34.76 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#5 | -29.81,-35.52 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 6RB#0 | -35.04,-34.50 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 1RB#0 | -45.15,-42.90 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 1RB#99 | -34.95,-64.13 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 100RB#0 | -39.06,-43.11 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 1RB#0 | -64.66,-47.67 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 1RB#99 | -41.99,-45.05 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 100RB#0 | -41.81,-38.45 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#0 | -45.26,-42.31 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#99 | -37.66,-64.46 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 100RB#0 | -37.37,-41.39 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#0 | -64.63,-47.75 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#99 | -42.63,-45.62 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 100RB#0 | -42.43,-38.82 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 1RB#0 | -34.13,-28.32 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 1RB#5 | -32.65,-42.72 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 6RB#0 | -30.93,-34.45 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 1RB#0 | -42.05,-32.22 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 1RB#5 | -28.33,-34.70 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 6RB#0 | -33.44,-30.87 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#0 | -35.10,-30.84 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#5 | -34.88,-44.07 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0 | -31.91,-33.94 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#0 | -44.05,-34.41 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#5 | -29.17,-35.09 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0 | -33.89,-31.94 | PASS |

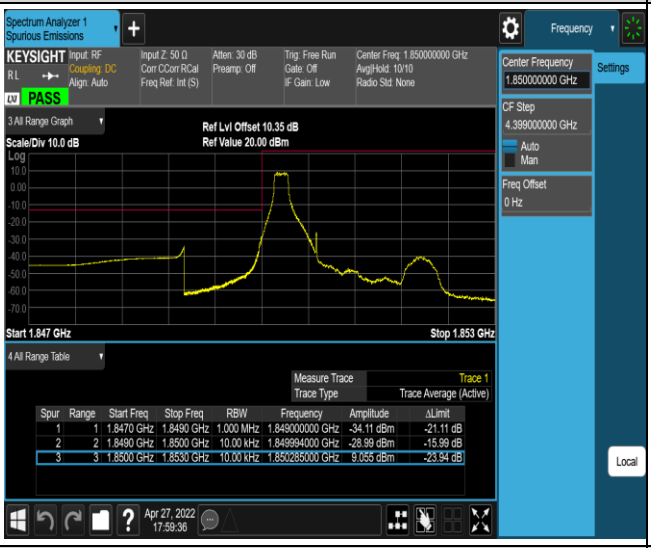
| | | | | | | |
|---|---|---|---|---|---|---|
| Band4 | 20MHz | QPSK | 20050 | 1RB#0 | -45.51,-43.46 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 1RB#99 | -47.11,-63.48 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | -35.23,-39.22 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 1RB#0 | -64.41,-33.32 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 1RB#99 | -42.61,-41.66 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | -39.16,-34.93 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0 | -45.65,-42.28 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99 | -46.55,-64.46 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | -34.39,-38.42 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0 | -64.99,-36.18 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99 | -42.72,-45.64 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | -37.81,-33.50 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 1RB#0 | -51.04,-30.08 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 1RB#5 | -53.59,-46.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 6RB#0 | -43.95,-33.05 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 1RB#0 | -45.49,-53.85 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 1RB#5 | -30.47,-50.62 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 6RB#0 | -34.22,-43.87 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#0 | -51.61,-30.33 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#5 | -53.76,-46.31 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | -43.19,-34.27 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#0 | -47.07,-53.61 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#5 | -30.06,-51.50 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | -35.53,-42.49 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 1RB#0 | -52.27,-35.91 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 1RB#49 | -50.06,-62.14 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | -42.26,-34.67 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 1RB#0 | -63.10,-43.46 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 1RB#49 | -34.61,-52.81 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | -36.32,-43.95 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0 | -53.66,-37.02 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#49 | -51.05,-62.05 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | -42.50,-35.64 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0 | -63.00,-45.91 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49 | -34.97,-53.78 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | -37.69,-45.05 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 1RB#0 | -49.47,-46.15,-39.41,-28.74 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 1RB#24 | -50.35,-31.14,-31.23,-56.83 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | -41.63,-39.30,-33.68,-38.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#0 | -56.72,-30.28,-46.78,-50.22 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#24 | -27.71,-39.23,-47.97,-49.46 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | -36.59,-33.29,-40.91,-40.99 | PASS |

| | | | | | | |
|---|---|---|---|---|---|---|
| Band7 | 5MHz | 16QAM | 20775 | 1RB#0 | -49.85,-46.08,-39.98,-28.51 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#24 | -50.27,-33.32,-33.41,-56.56 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | -41.66,-38.75,-33.36,-37.94 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#0 | -56.29,-32.08,-47.19,-50.25 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#24 | -29.51,-39.61,-47.89,-49.58 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | -36.64,-32.79,-39.94,-41.04 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#0 | -47.61,-44.75,-40.43 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#99 | -48.55,-47.34,-60.33 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | -42.61,-40.61,-38.27,-41.89 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#0 | -61.18,-46.78,-35.45,-51.49 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#99 | -39.95,-44.30,-47.25,-51.33 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | -41.06,-37.55,-39.31,-48.64 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | -47.56,-44.61,-40.34 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#99 | -48.62,-47.36,-62.63 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | -42.89,-40.12,-38.53,-42.15 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | -61.34,-46.87,-38.43,-51.45 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#99 | -40.02,-44.73,-47.66,-51.33 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | -41.60,-37.91,-39.43,-48.17 | PASS |
| Band41 | 5MHz | QPSK | 40065 | 1RB#0 | -48.52,-47.90,-41.15,-33.39 | PASS |
| Band41 | 5MHz | QPSK | 40065 | 1RB#24 | -50.73,-48.27,-31.79,-57.75 | PASS |
| Band41 | 5MHz | QPSK | 40065 | 25RB#0 | -43.48,-44.11,-38.32,-41.90 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 1RB#0 | -57.41,-32.80,-48.59,-50.70 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 1RB#24 | -32.62,-43.37,-49.43,-49.42 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 25RB#0 | -41.66,-37.79,-43.76,-42.08 | PASS |
| Band41 | 5MHz | 16QAM | 40065 | 1RB#0 | -49.89,-49.05,-43.78,-33.23 | PASS |
| Band41 | 5MHz | 16QAM | 40065 | 1RB#24 | -50.79,-48.88,-35.20,-57.03 | PASS |
| Band41 | 5MHz | 16QAM | 40065 | 25RB#0 | -43.77,-42.40,-37.35,-41.83 | PASS |
| Band41 | 5MHz | 16QAM | 41215 | 1RB#0 | -57.59,-34.31,-48.97,-50.75 | PASS |
| Band41 | 5MHz | 16QAM | 41215 | 1RB#24 | -67.39,-51.09,-51.06,-51.12 | PASS |
| Band41 | 5MHz | 16QAM | 41215 | 25RB#0 | -42.61,-37.67,-43.07,-42.12 | PASS |
| Band41 | 20MHz | QPSK | 40140 | 1RB#0 | -51.38,-48.72,-47.92,-45.49 | PASS |
| Band41 | 20MHz | QPSK | 40140 | 1RB#99 | -51.46,-40.22,-49.06,-66.46 | PASS |
| Band41 | 20MHz | QPSK | 40140 | 100RB#0 | -50.56,-45.60,-44.37,-49.18 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 1RB#0 | -66.88,-49.28,-37.59,-51.62 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 1RB#99 | -46.96,-48.07,-49.50,-51.55 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 100RB#0 | -49.57,-45.30,-46.35,-49.96 | PASS |
| Band41 | 20MHz | 16QAM | 40140 | 1RB#0 | -51.41,-49.01,-48.21,-46.87 | PASS |
| Band41 | 20MHz | 16QAM | 40140 | 1RB#99 | -51.45,-42.76,-49.20,-66.98 | PASS |
| Band41 | 20MHz | 16QAM | 40140 | 100RB#0 | -50.26,-44.49,-43.67,-48.24 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 1RB#0 | -66.62,-49.34,-40.64,-51.59 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 1RB#99 | -47.05,-48.21,-49.78,-51.53 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 100RB#0 | -49.39,-44.38,-45.77,-49.39 | PASS |

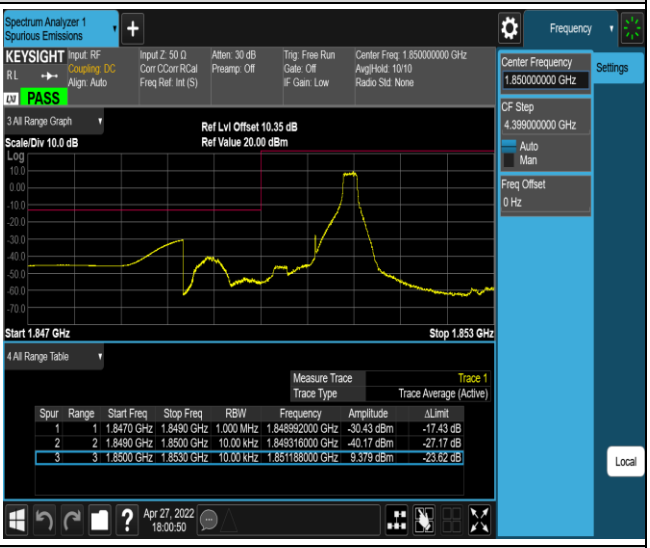
*Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.*

## Test Graphs

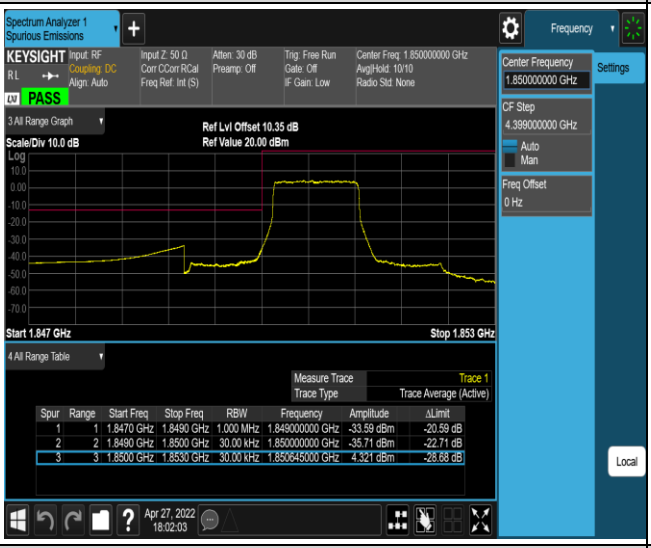
Band2-1.4MHz-QPSK-18607-1RB#0




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

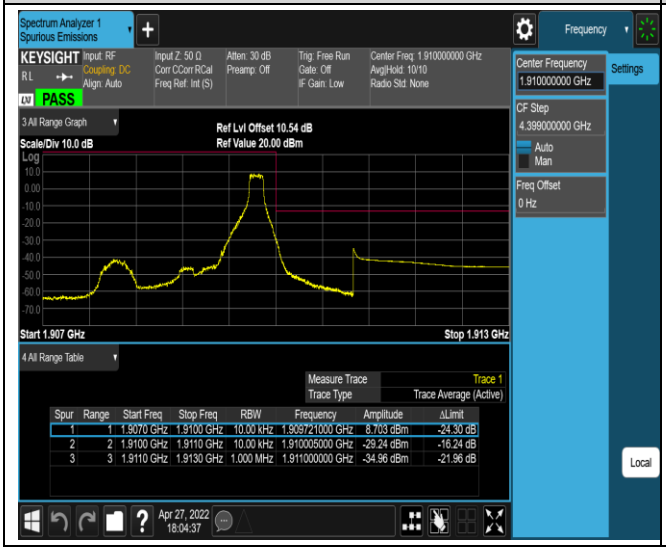



Band2-1.4MHz-QPSK-18607-6RB#0



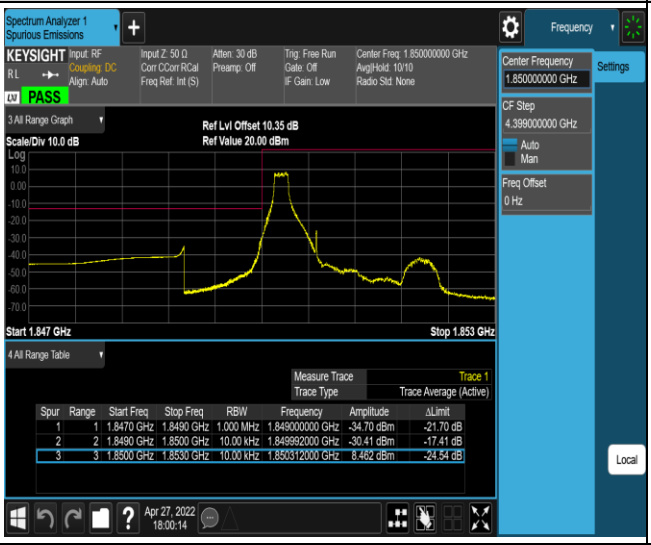

Band2-1.4MHz-QPSK-19193-1RB#0

Band2-1.4MHz-QPSK-19193-1RB#5

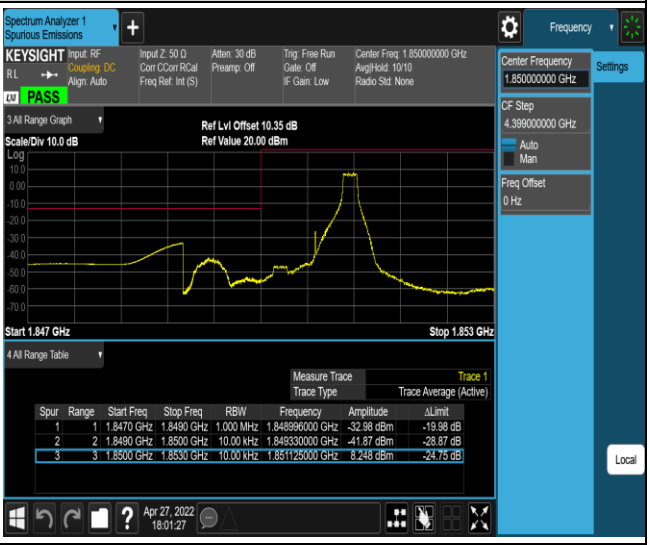



Band2-1.4MHz-QPSK-19193-6RB#0

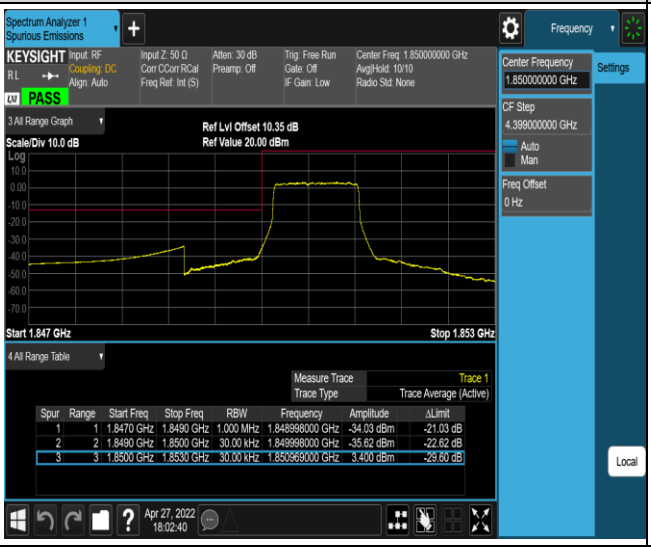
Band2-1.4MHz-16QAM-18607-1RB#0




Band2-1.4MHz-16QAM-18607-1RB#5




Band2-1.4MHz-16QAM-18607-6RB#0



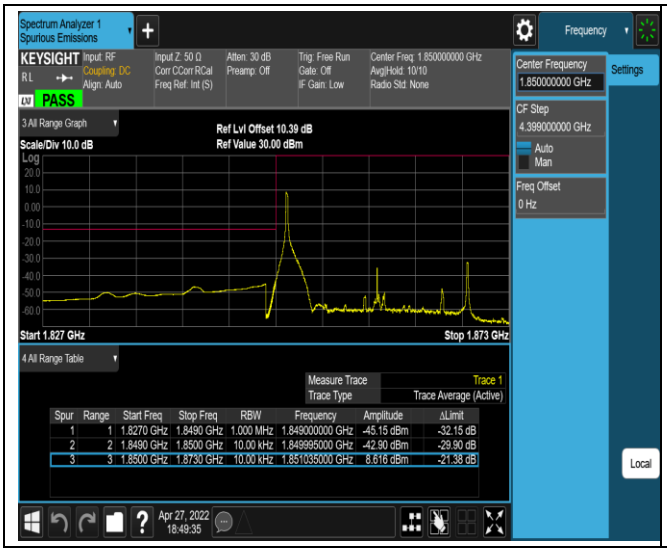

Band2-1.4MHz-16QAM-19193-1RB#0

Band2-1.4MHz-16QAM-19193-1RB#5

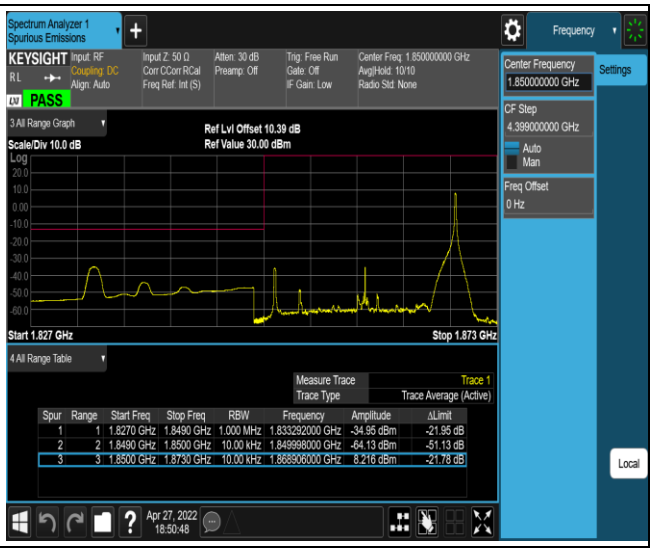
Band2-1.4MHz-16QAM-19193-6RB#0

Band2-20MHz-QPSK-18700-1RB#0

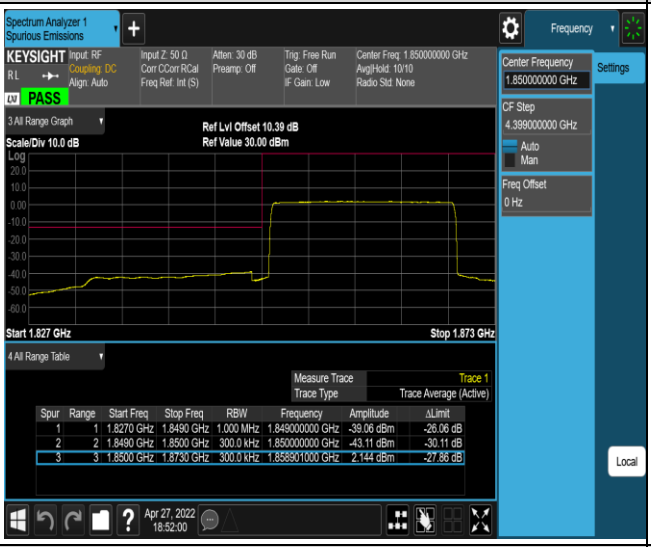
Band2-20MHz-QPSK-18700-1RB#99




Band2-20MHz-QPSK-18700-100RB#0

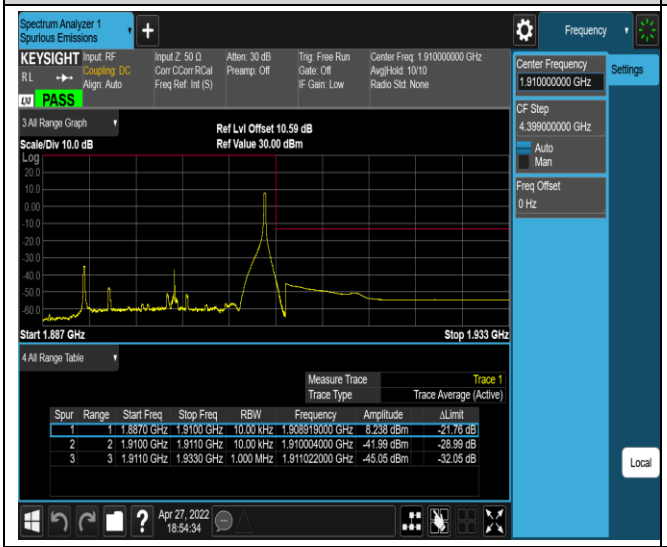



Band2-20MHz-QPSK-19100-1RB#0



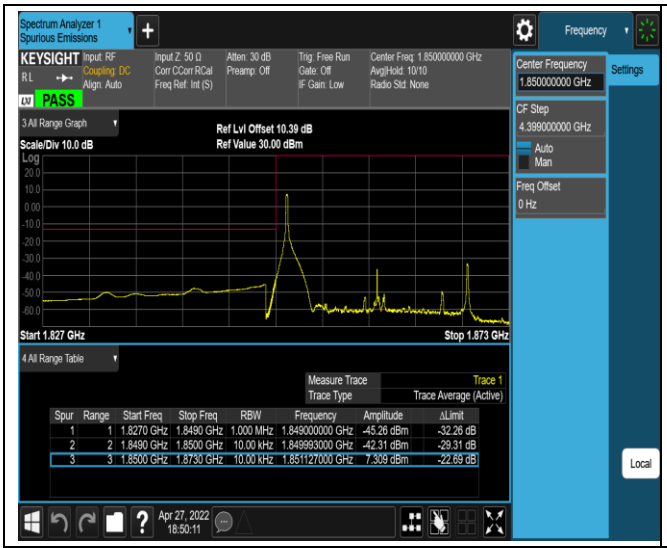

Band2-20MHz-QPSK-19100-1RB#99

Band2-20MHz-QPSK-19100-100RB#0




Band2-20MHz-16QAM-18700-1RB#0

Band2-20MHz-16QAM-18700-1RB#99

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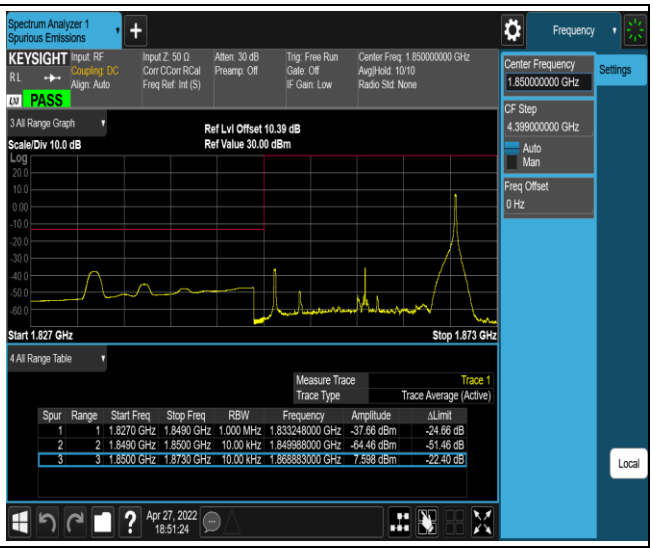
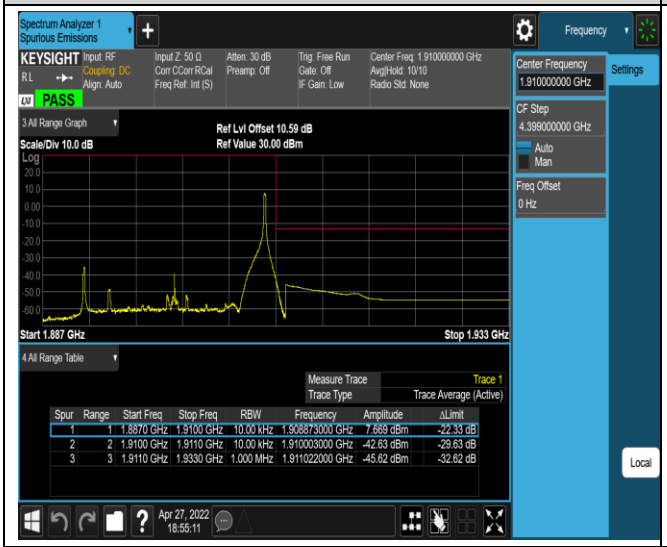



Band2-20MHz-16QAM-19100-1RB#0

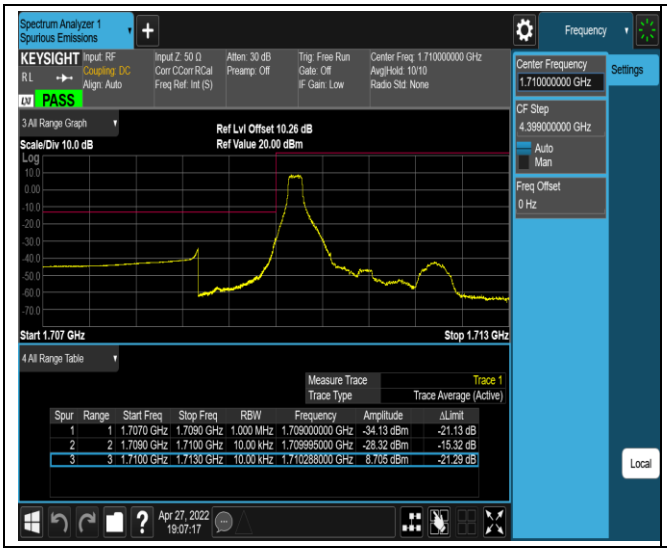
Band2-20MHz-16QAM-19100-1RB#99

Band2-20MHz-16QAM-19100-100RB#0

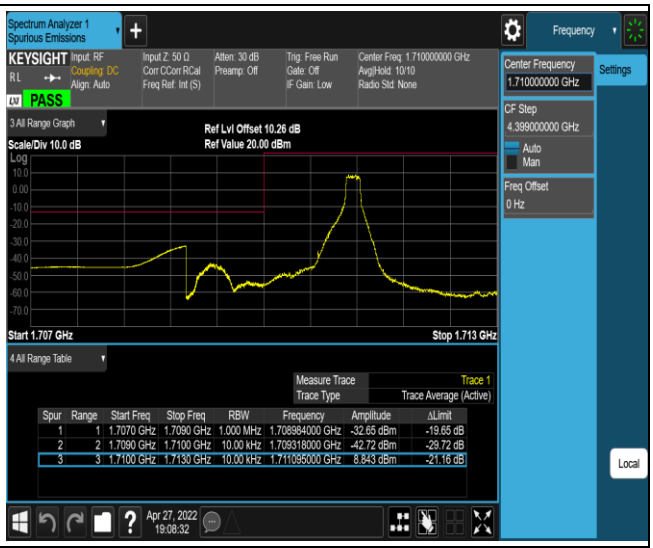



Band4-1.4MHz-QPSK-19957-1RB#0

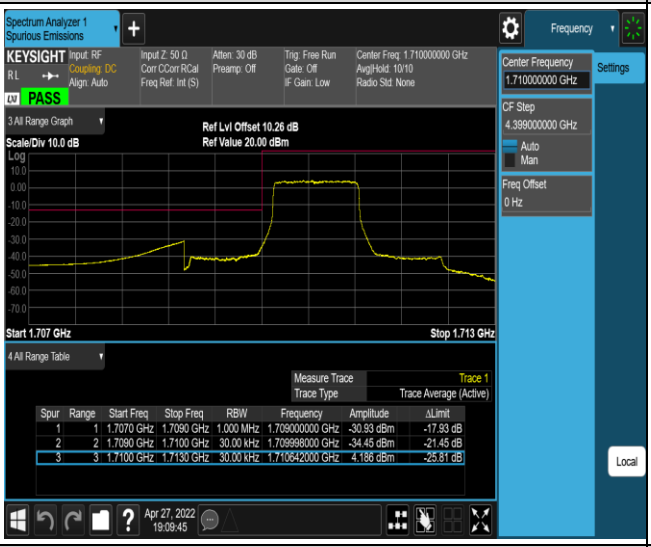
Band4-1.4MHz-QPSK-19957-1RB#5




Band4-1.4MHz-QPSK-19957-6RB#0




Band4-1.4MHz-QPSK-20393-1RB#0




Band4-1.4MHz-QPSK-20393-1RB#5

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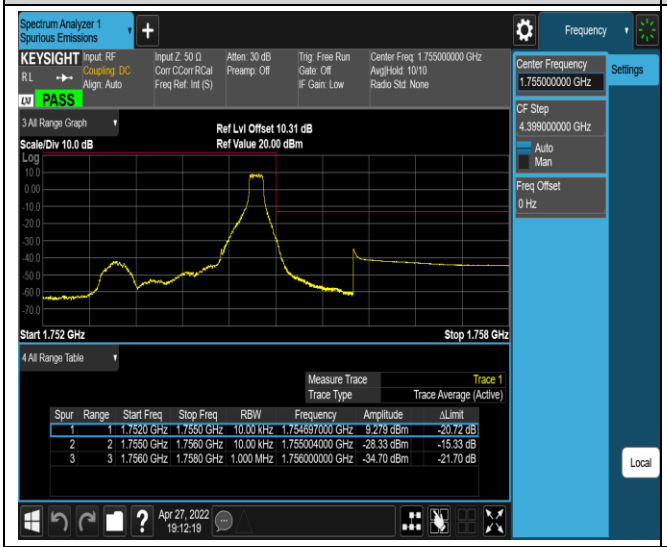
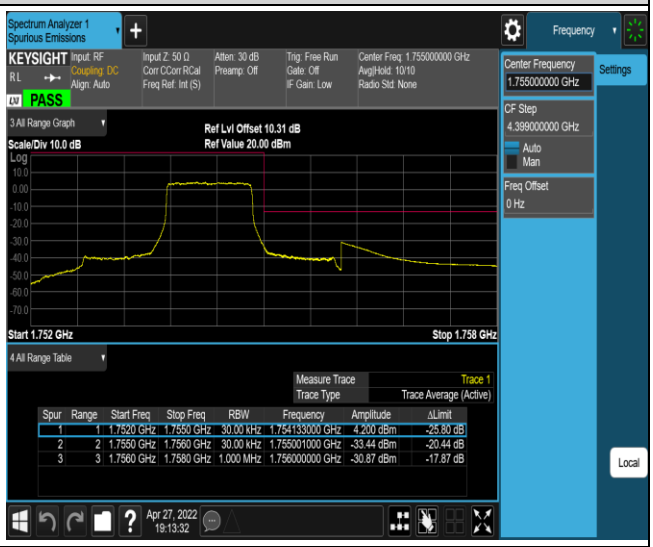
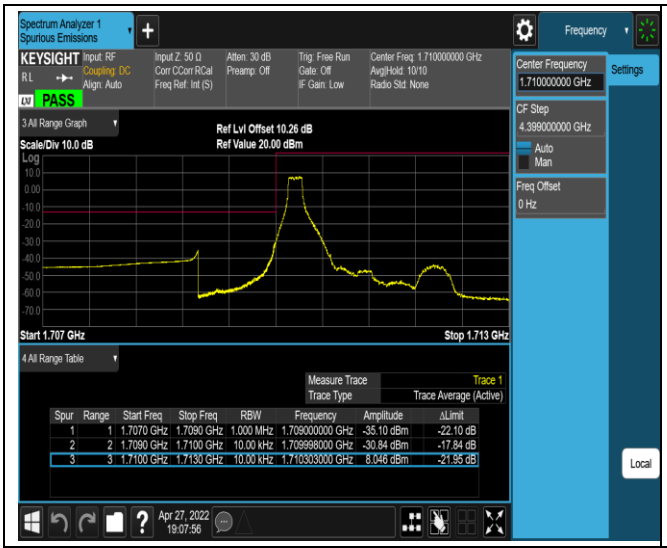


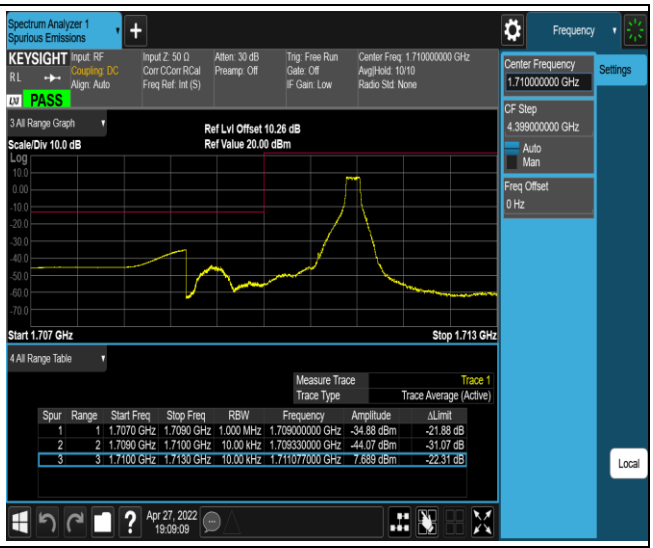

Band4-1.4MHz-16QAM-19957-1RB#0




Band4-1.4MHz-16QAM-19957-1RB#5



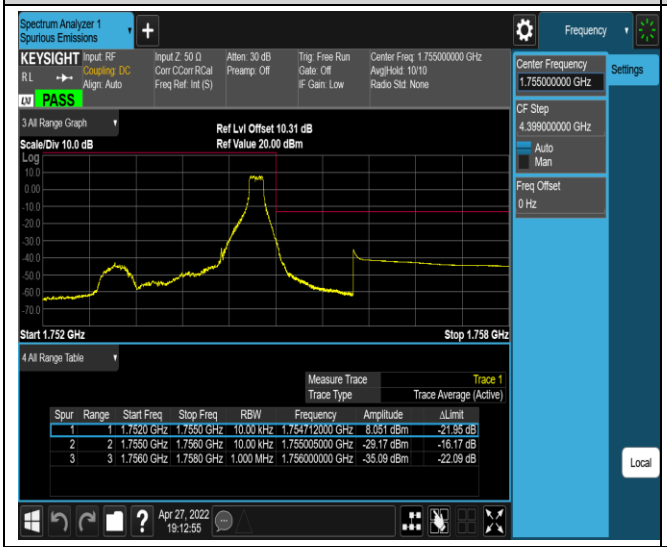

Band4-1.4MHz-16QAM-19957-6RB#0




Band4-1.4MHz-16QAM-20393-1RB#0

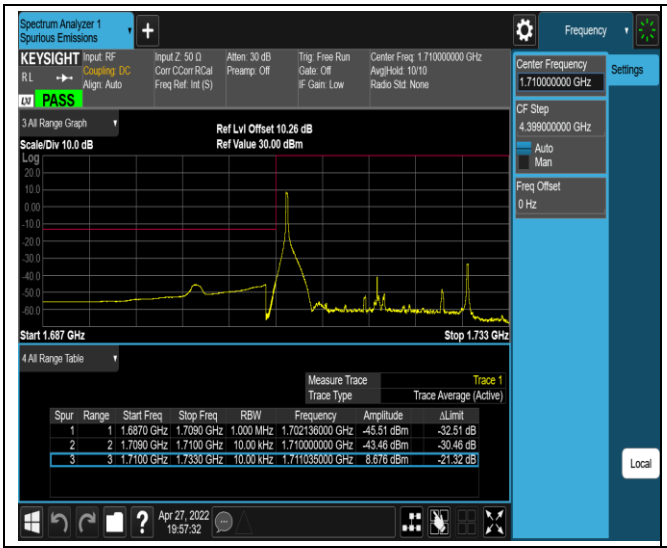
Band4-1.4MHz-16QAM-20393-1RB#5

Band4-1.4MHz-16QAM-20393-6RB#0

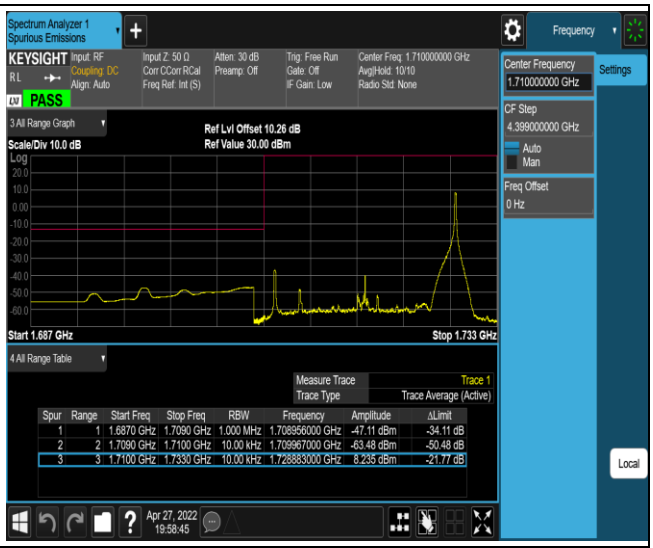



Band4-20MHz-QPSK-20050-1RB#0

Band4-20MHz-QPSK-20050-1RB#99

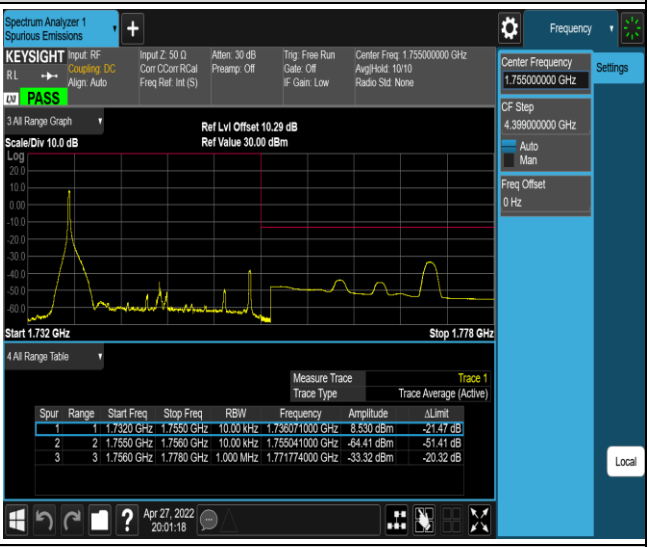



Band4-20MHz-QPSK-20050-100RB#0




Band4-20MHz-QPSK-20300-1RB#0

Band4-20MHz-QPSK-20300-1RB#99

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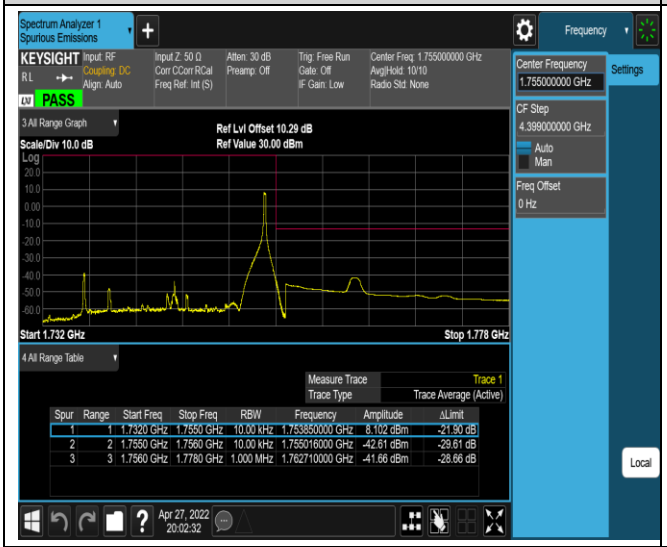


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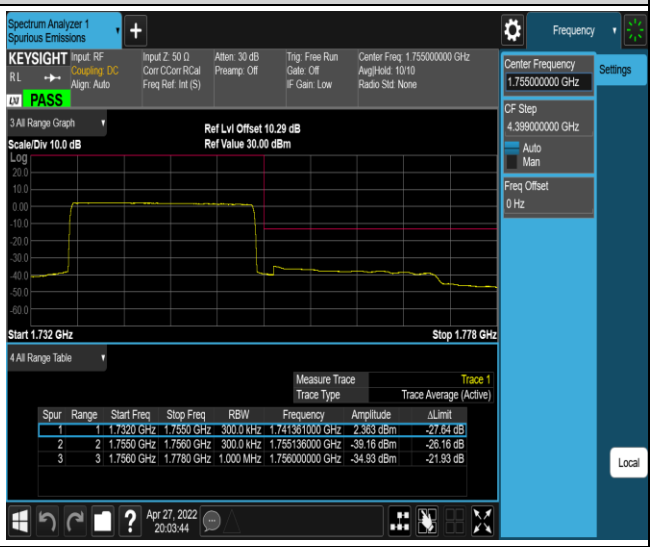


Band4-20MHz-16QAM-20050-1RB#99