

## Effective (Isotropic) Radiated Power Output Data

### Test Result

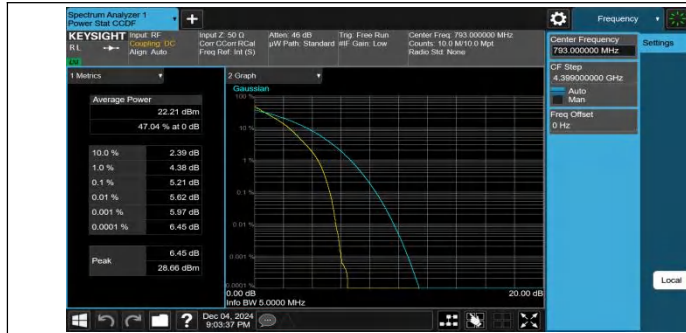
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result (dBm) | Gain (dBi) | EIRP/ERP (dBm) | Limit (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|--------------|------------|----------------|-------------|---------|
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#0            | 23.19        | 1.6        | 22.64          | 34.8        | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 25RB#0           | 22.41        | 1.6        | 21.86          | 34.8        | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#12           | 23.22        | 1.6        | 22.67          | 34.8        | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#24           | 23.03        | 1.6        | 22.48          | 34.8        | PASS    |
| Band14 | 5MHz      | QPSK       | 23330   | 1RB#0            | 23.17        | 1.6        | 22.62          | 34.8        | PASS    |
| Band14 | 5MHz      | QPSK       | 23330   | 25RB#0           | 22.4         | 1.6        | 21.85          | 34.8        | PASS    |
| Band14 | 5MHz      | QPSK       | 23330   | 1RB#12           | 23.15        | 1.6        | 22.6           | 34.8        | PASS    |
| Band14 | 5MHz      | QPSK       | 23330   | 1RB#24           | 23.16        | 1.6        | 22.61          | 34.8        | PASS    |
| Band14 | 5MHz      | QPSK       | 23355   | 1RB#0            | 22.99        | 1.6        | 22.44          | 34.8        | PASS    |
| Band14 | 5MHz      | QPSK       | 23355   | 25RB#0           | 22.38        | 1.6        | 21.83          | 34.8        | PASS    |
| Band14 | 5MHz      | QPSK       | 23355   | 1RB#12           | 23.04        | 1.6        | 22.49          | 34.8        | PASS    |
| Band14 | 5MHz      | QPSK       | 23355   | 1RB#24           | 22.78        | 1.6        | 22.23          | 34.8        | PASS    |
| Band14 | 5MHz      | 16QAM      | 23305   | 1RB#0            | 22.11        | 1.6        | 21.56          | 34.8        | PASS    |
| Band14 | 5MHz      | 16QAM      | 23305   | 25RB#0           | 21.26        | 1.6        | 20.71          | 34.8        | PASS    |
| Band14 | 5MHz      | 16QAM      | 23305   | 1RB#12           | 22.33        | 1.6        | 21.78          | 34.8        | PASS    |
| Band14 | 5MHz      | 16QAM      | 23305   | 1RB#24           | 22.17        | 1.6        | 21.62          | 34.8        | PASS    |
| Band14 | 5MHz      | 16QAM      | 23330   | 1RB#0            | 22.35        | 1.6        | 21.8           | 34.8        | PASS    |
| Band14 | 5MHz      | 16QAM      | 23330   | 25RB#0           | 21.4         | 1.6        | 20.85          | 34.8        | PASS    |
| Band14 | 5MHz      | 16QAM      | 23330   | 1RB#12           | 22.33        | 1.6        | 21.78          | 34.8        | PASS    |
| Band14 | 5MHz      | 16QAM      | 23330   | 1RB#24           | 22.43        | 1.6        | 21.88          | 34.8        | PASS    |
| Band14 | 5MHz      | 16QAM      | 23355   | 1RB#0            | 22.29        | 1.6        | 21.74          | 34.8        | PASS    |
| Band14 | 5MHz      | 16QAM      | 23355   | 25RB#0           | 21.56        | 1.6        | 21.01          | 34.8        | PASS    |
| Band14 | 5MHz      | 16QAM      | 23355   | 1RB#12           | 22.85        | 1.6        | 22.3           | 34.8        | PASS    |
| Band14 | 5MHz      | 16QAM      | 23355   | 1RB#24           | 22.3         | 1.6        | 21.75          | 34.8        | PASS    |
| Band14 | 10MHz     | QPSK       | 23330   | 1RB#0            | 22.84        | 1.6        | 22.29          | 34.8        | PASS    |
| Band14 | 10MHz     | QPSK       | 23330   | 50RB#0           | 22.41        | 1.6        | 21.86          | 34.8        | PASS    |
| Band14 | 10MHz     | QPSK       | 23330   | 1RB#24           | 23.01        | 1.6        | 22.46          | 34.8        | PASS    |
| Band14 | 10MHz     | QPSK       | 23330   | 1RB#49           | 23.06        | 1.6        | 22.51          | 34.8        | PASS    |
| Band14 | 10MHz     | 16QAM      | 23330   | 1RB#0            | 22.38        | 1.6        | 21.83          | 34.8        | PASS    |
| Band14 | 10MHz     | 16QAM      | 23330   | 50RB#0           | 21.44        | 1.6        | 20.89          | 34.8        | PASS    |
| Band14 | 10MHz     | 16QAM      | 23330   | 1RB#24           | 22.67        | 1.6        | 22.12          | 34.8        | PASS    |
| Band14 | 10MHz     | 16QAM      | 23330   | 1RB#49           | 22.24        | 1.6        | 21.69          | 34.8        | PASS    |

## Peak-to-Average Ratio(CCDF)

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band14 | 5MHz      | QPSK       | 23330   | 25RB#0           | 5.21       | 13        | PASS    |
| Band14 | 5MHz      | 16QAM      | 23330   | 25RB#0           | 6.09       | 13        | PASS    |
| Band14 | 10MHz     | QPSK       | 23330   | 50RB#0           | 5.19       | 13        | PASS    |
| Band14 | 10MHz     | 16QAM      | 23330   | 50RB#0           | 6.05       | 13        | PASS    |

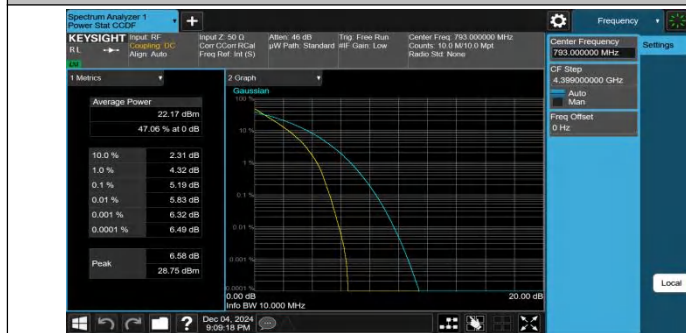
## Test Graphs



Band14-5MHz-QPSK-23330-25RB#0-PASS



Band14-5MHz-16QAM-23330-25RB#0-PASS



Band14-10MHz-QPSK-23330-50RB#0-PASS



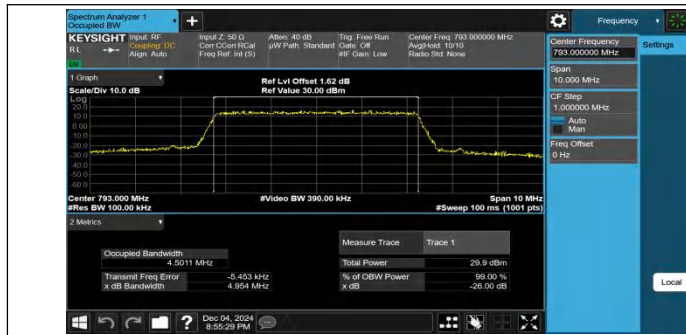
Band14-10MHz-16QAM-23330-50RB#0-PASS

## 26dB Bandwidth and Occupied Bandwidth

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band14 | 5MHz      | QPSK       | 23330   | 25RB#0           | 4.5011                   | 4.954                | PASS    |
| Band14 | 5MHz      | 16QAM      | 23330   | 25RB#0           | 4.4969                   | 4.960                | PASS    |
| Band14 | 10MHz     | QPSK       | 23330   | 50RB#0           | 8.9687                   | 9.933                | PASS    |
| Band14 | 10MHz     | 16QAM      | 23330   | 50RB#0           | 8.9639                   | 9.812                | PASS    |

## Test Graphs



Band14-5MHz-QPSK-23330-25RB#0-PASS



Band14-5MHz-16QAM-23330-25RB#0-PASS



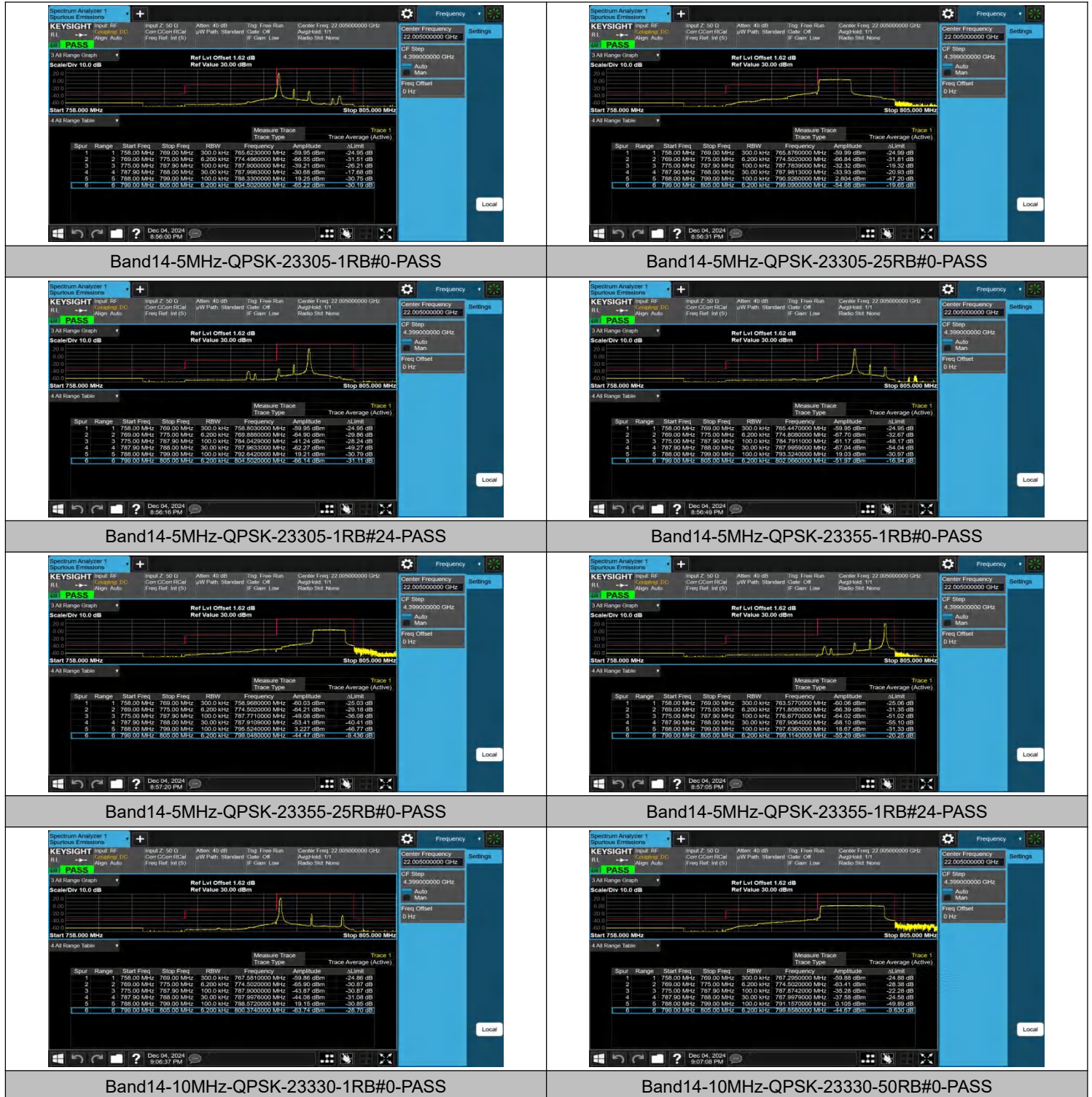
Band14-10MHz-QPSK-23330-50RB#0-PASS



Band14-10MHz-16QAM-23330-50RB#0-PASS

# Band Edge

## Test Graphs





Band14-10MHz-QPSK-23330-1RB#49-PASS



## Spectrum emission mask

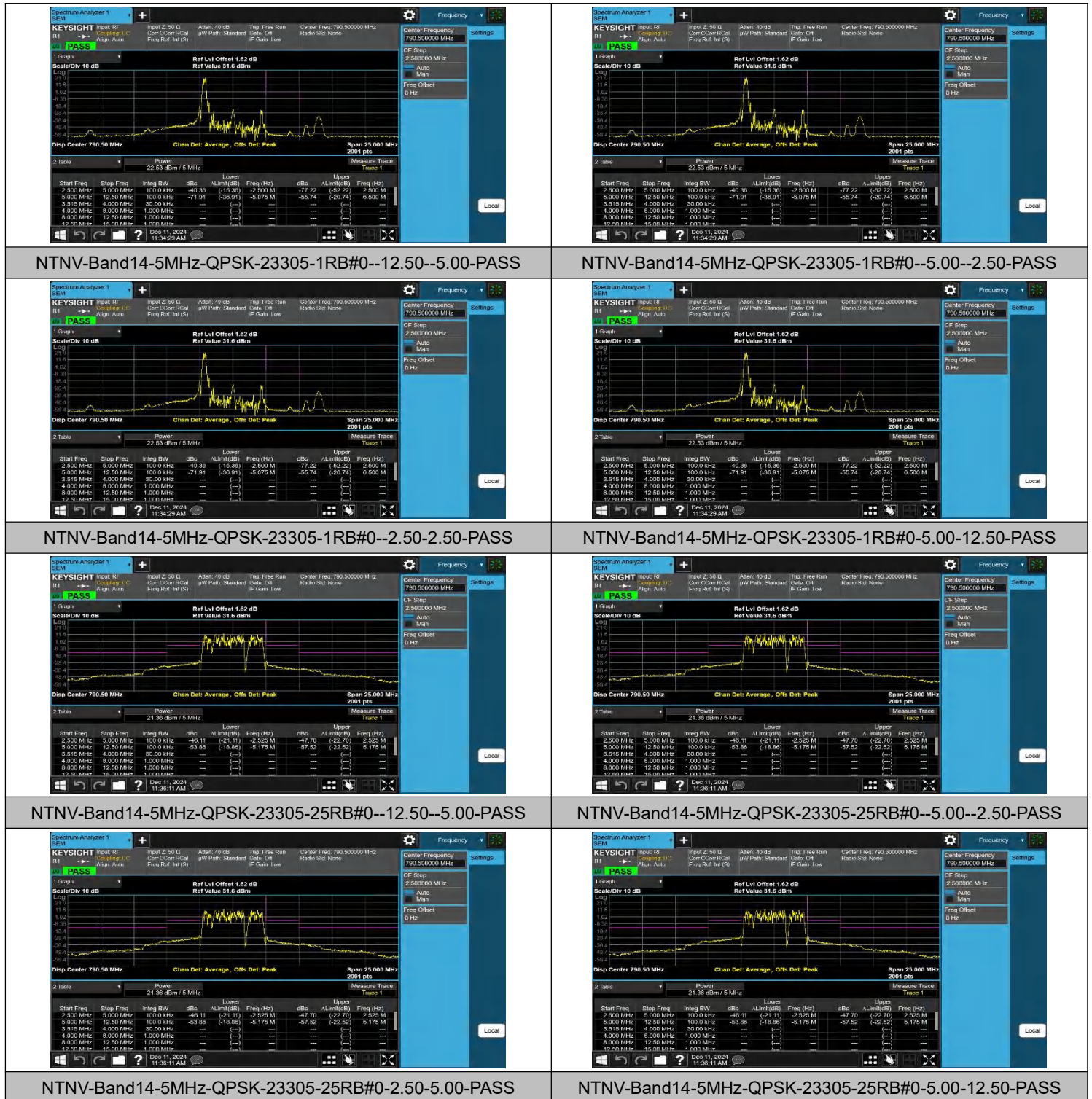
### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Result(dBm) | Margin(dB) | Limit(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-----------------|-------------|------------|------------|---------|
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#0            | 785.42          | -71.91      | 36.91      | ≤-35       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#0            | 788.00          | -40.35      | 15.36      | ≤-25       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#0            | 793.00          | -77.22      | 52.22      | ≤-25       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#0            | 797.00          | -55.73      | 20.74      | ≤-35       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 25RB#0           | 785.32          | -53.86      | 18.86      | ≤-35       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 25RB#0           | 787.97          | -46.11      | 21.11      | ≤-25       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 25RB#0           | 793.03          | -47.7       | 22.70      | ≤-25       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 25RB#0           | 795.68          | -57.52      | 22.52      | ≤-35       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#24           | 784.00          | -54.85      | 19.84      | ≤-35       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#24           | 788.00          | -76.06      | 51.06      | ≤-25       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#24           | 793.00          | -39.68      | 14.68      | ≤-25       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#24           | 795.50          | -71.19      | 36.19      | ≤-35       | PASS    |
| Band14 | 5MHz      | QPSK       | 23355   | 1RB#0            | 790.40          | -70.98      | 35.98      | ≤-35       | PASS    |
| Band14 | 5MHz      | QPSK       | 23355   | 1RB#0            | 793.00          | -38.18      | 13.18      | ≤-25       | PASS    |
| Band14 | 5MHz      | QPSK       | 23355   | 1RB#0            | 798.00          | -75.23      | 50.23      | ≤-25       | PASS    |
| Band14 | 5MHz      | QPSK       | 23355   | 1RB#0            | 801.98          | -62.45      | 27.45      | ≤-35       | PASS    |
| Band14 | 5MHz      | QPSK       | 23355   | 25RB#0           | 790.32          | -54.46      | 19.46      | ≤-35       | PASS    |
| Band14 | 5MHz      | QPSK       | 23355   | 25RB#0           | 793.00          | -45.77      | 20.78      | ≤-25       | PASS    |
| Band14 | 5MHz      | QPSK       | 23355   | 25RB#0           | 798.00          | -45.18      | 20.18      | ≤-25       | PASS    |
| Band14 | 5MHz      | QPSK       | 23355   | 25RB#0           | 800.63          | -60.58      | 25.58      | ≤-35       | PASS    |
| Band14 | 5MHz      | QPSK       | 23355   | 1RB#24           | 789.02          | -59.62      | 24.62      | ≤-35       | PASS    |
| Band14 | 5MHz      | QPSK       | 23355   | 1RB#24           | 793.00          | -78.37      | 53.37      | ≤-25       | PASS    |
| Band14 | 5MHz      | QPSK       | 23355   | 1RB#24           | 798.00          | -43.5       | 18.50      | ≤-25       | PASS    |
| Band14 | 5MHz      | QPSK       | 23355   | 1RB#24           | 800.58          | -75.28      | 40.29      | ≤-35       | PASS    |
| Band14 | 5MHz      | 16QAM      | 23305   | 1RB#0            | 785.50          | -71.97      | 36.97      | ≤-35       | PASS    |
| Band14 | 5MHz      | 16QAM      | 23305   | 1RB#0            | 788.00          | -37.59      | 12.59      | ≤-25       | PASS    |
| Band14 | 5MHz      | 16QAM      | 23305   | 1RB#0            | 793.03          | -77.22      | 52.22      | ≤-25       | PASS    |
| Band14 | 5MHz      | 16QAM      | 23305   | 1RB#0            | 796.98          | -57.92      | 22.92      | ≤-35       | PASS    |
| Band14 | 5MHz      | 16QAM      | 23305   | 25RB#0           | 785.50          | -54.51      | 19.51      | ≤-35       | PASS    |
| Band14 | 5MHz      | 16QAM      | 23305   | 25RB#0           | 787.99          | -45.11      | 20.10      | ≤-25       | PASS    |
| Band14 | 5MHz      | 16QAM      | 23305   | 25RB#0           | 793.01          | -45.29      | 20.28      | ≤-25       | PASS    |
| Band14 | 5MHz      | 16QAM      | 23305   | 25RB#0           | 795.65          | -57.31      | 22.30      | ≤-35       | PASS    |
| Band14 | 5MHz      | 16QAM      | 23305   | 1RB#24           | 784.00          | -63.1       | 28.09      | ≤-35       | PASS    |
| Band14 | 5MHz      | 16QAM      | 23305   | 1RB#24           | 787.97          | -78.36      | 53.36      | ≤-25       | PASS    |
| Band14 | 5MHz      | 16QAM      | 23305   | 1RB#24           | 793.00          | -40.51      | 15.51      | ≤-25       | PASS    |
| Band14 | 5MHz      | 16QAM      | 23305   | 1RB#24           | 795.60          | -72.98      | 37.98      | ≤-35       | PASS    |

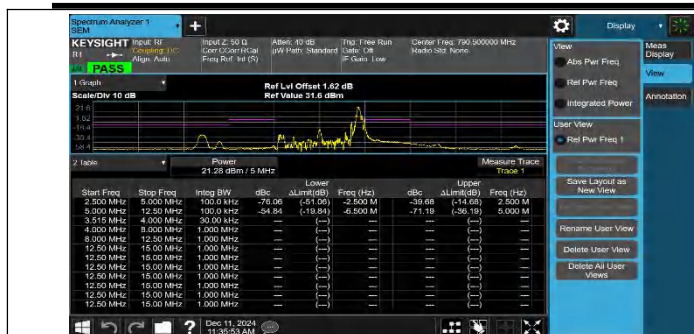


|        |       |       |       |        |        |        |       |      |      |
|--------|-------|-------|-------|--------|--------|--------|-------|------|------|
| Band14 | 5MHz  | 16QAM | 23355 | 1RB#0  | 790.50 | -67.84 | 32.84 | ≤-35 | PASS |
| Band14 | 5MHz  | 16QAM | 23355 | 1RB#0  | 793.00 | -35.18 | 10.18 | ≤-25 | PASS |
| Band14 | 5MHz  | 16QAM | 23355 | 1RB#0  | 798.00 | -71.85 | 46.85 | ≤-25 | PASS |
| Band14 | 5MHz  | 16QAM | 23355 | 1RB#0  | 802.00 | -60.94 | 25.94 | ≤-35 | PASS |
| Band14 | 5MHz  | 16QAM | 23355 | 25RB#0 | 790.50 | -54.55 | 19.56 | ≤-35 | PASS |
| Band14 | 5MHz  | 16QAM | 23355 | 25RB#0 | 792.99 | -44.89 | 19.89 | ≤-25 | PASS |
| Band14 | 5MHz  | 16QAM | 23355 | 25RB#0 | 798.00 | -46.38 | 21.38 | ≤-25 | PASS |
| Band14 | 5MHz  | 16QAM | 23355 | 25RB#0 | 800.60 | -60.03 | 25.04 | ≤-35 | PASS |
| Band14 | 5MHz  | 16QAM | 23355 | 1RB#24 | 789.00 | -60.67 | 25.68 | ≤-35 | PASS |
| Band14 | 5MHz  | 16QAM | 23355 | 1RB#24 | 793.00 | -77.23 | 52.23 | ≤-25 | PASS |
| Band14 | 5MHz  | 16QAM | 23355 | 1RB#24 | 798.00 | -41.83 | 16.83 | ≤-25 | PASS |
| Band14 | 5MHz  | 16QAM | 23355 | 1RB#24 | 800.68 | -75.22 | 40.22 | ≤-35 | PASS |
| Band14 | 10MHz | QPSK  | 23330 | 1RB#0  | 779.82 | -79.68 | 44.69 | ≤-35 | PASS |
| Band14 | 10MHz | QPSK  | 23330 | 1RB#0  | 788.00 | -54.68 | 29.68 | ≤-25 | PASS |
| Band14 | 10MHz | QPSK  | 23330 | 1RB#0  | 798.08 | -72.93 | 47.94 | ≤-25 | PASS |
| Band14 | 10MHz | QPSK  | 23330 | 1RB#0  | 806.23 | -78.11 | 43.12 | ≤-35 | PASS |
| Band14 | 10MHz | QPSK  | 23330 | 50RB#0 | 782.80 | -59.71 | 24.71 | ≤-35 | PASS |
| Band14 | 10MHz | QPSK  | 23330 | 50RB#0 | 788.00 | -49.52 | 24.52 | ≤-25 | PASS |
| Band14 | 10MHz | QPSK  | 23330 | 50RB#0 | 798.00 | -51.35 | 26.35 | ≤-25 | PASS |
| Band14 | 10MHz | QPSK  | 23330 | 50RB#0 | 804.25 | -61.03 | 26.03 | ≤-35 | PASS |
| Band14 | 10MHz | QPSK  | 23330 | 1RB#49 | 779.70 | -71.92 | 36.92 | ≤-35 | PASS |
| Band14 | 10MHz | QPSK  | 23330 | 1RB#49 | 787.97 | -70.49 | 45.48 | ≤-25 | PASS |
| Band14 | 10MHz | QPSK  | 23330 | 1RB#49 | 798.00 | -52.65 | 27.64 | ≤-25 | PASS |
| Band14 | 10MHz | QPSK  | 23330 | 1RB#49 | 806.25 | -78.1  | 43.10 | ≤-35 | PASS |
| Band14 | 10MHz | 16QAM | 23330 | 1RB#0  | 779.85 | -79.08 | 44.08 | ≤-35 | PASS |
| Band14 | 10MHz | 16QAM | 23330 | 1RB#0  | 787.90 | -55.53 | 30.54 | ≤-25 | PASS |
| Band14 | 10MHz | 16QAM | 23330 | 1RB#0  | 798.13 | -74.16 | 49.16 | ≤-25 | PASS |
| Band14 | 10MHz | 16QAM | 23330 | 1RB#0  | 806.20 | -78.78 | 43.78 | ≤-35 | PASS |
| Band14 | 10MHz | 16QAM | 23330 | 50RB#0 | 782.47 | -59.41 | 24.41 | ≤-35 | PASS |
| Band14 | 10MHz | 16QAM | 23330 | 50RB#0 | 788.00 | -50.43 | 25.43 | ≤-25 | PASS |
| Band14 | 10MHz | 16QAM | 23330 | 50RB#0 | 798.00 | -51.88 | 26.89 | ≤-25 | PASS |
| Band14 | 10MHz | 16QAM | 23330 | 50RB#0 | 803.03 | -61.5  | 26.50 | ≤-35 | PASS |
| Band14 | 10MHz | 16QAM | 23330 | 1RB#49 | 779.90 | -72.96 | 37.96 | ≤-35 | PASS |
| Band14 | 10MHz | 16QAM | 23330 | 1RB#49 | 788.00 | -68.7  | 43.70 | ≤-25 | PASS |
| Band14 | 10MHz | 16QAM | 23330 | 1RB#49 | 798.00 | -55.01 | 30.01 | ≤-25 | PASS |
| Band14 | 10MHz | 16QAM | 23330 | 1RB#49 | 806.15 | -79.07 | 44.08 | ≤-35 | PASS |

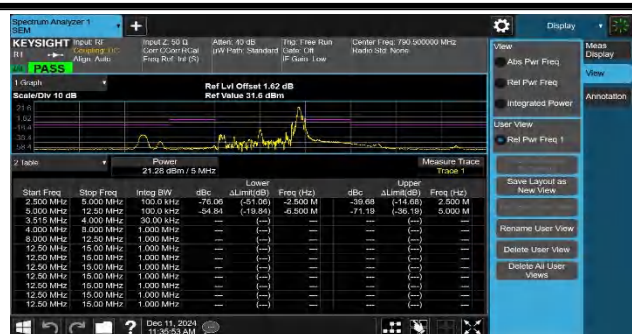
# Test Graphs



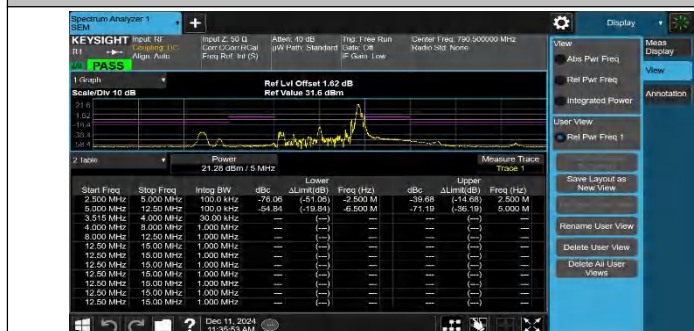




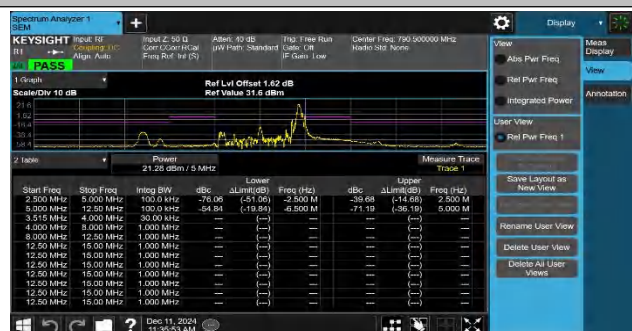
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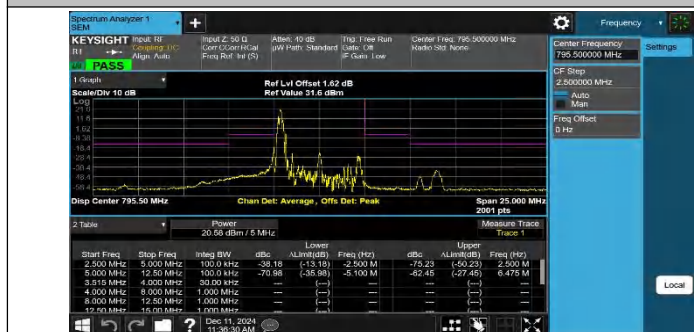
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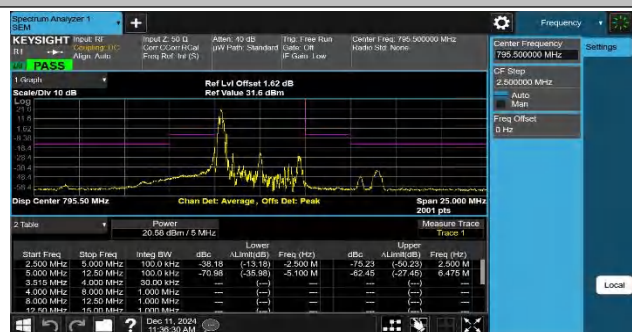
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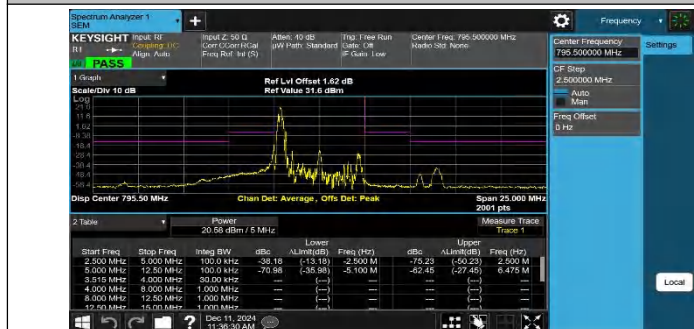
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NTNV-Band14-5MHz-QPSK-23355-1RB#0--12.50--5.00-PASS



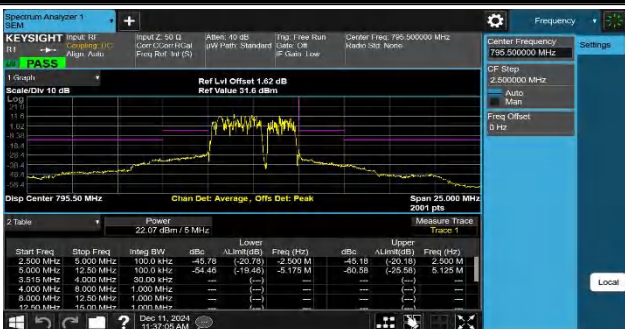
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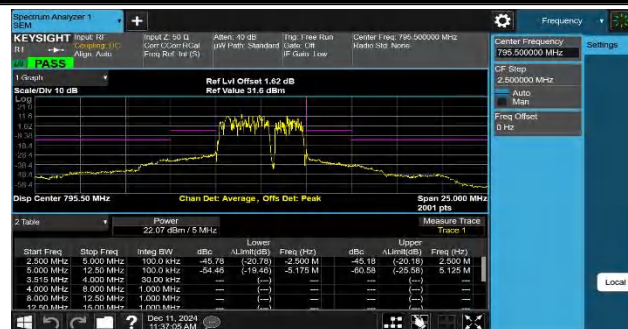
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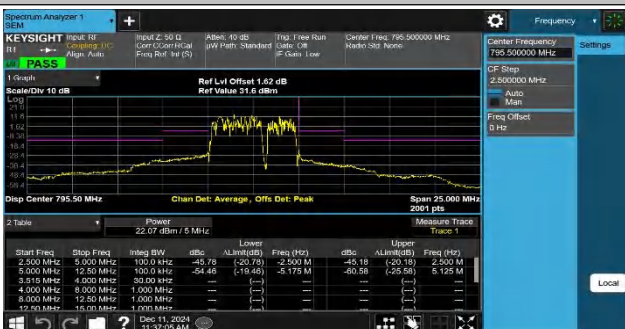
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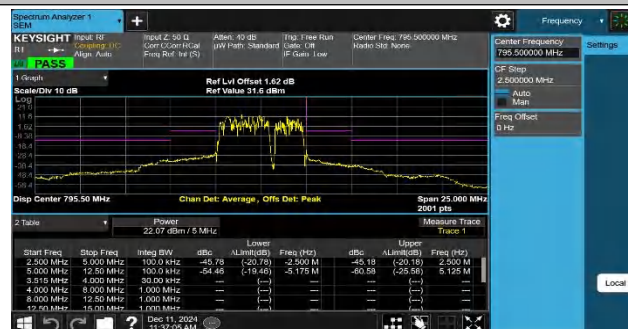
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NTNV-Band14-5MHz-QPSK-23355-25RB#0--5.00--2.50-PASS



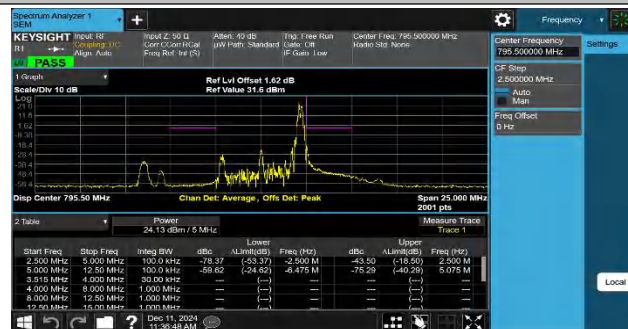
NTNV-Band14-5MHz-QPSK-23355-25RB#0--2.50-2.50-PASS



NTNV-Band14-5MHz-QPSK-23355-25RB#0-5.00-12.50-PASS



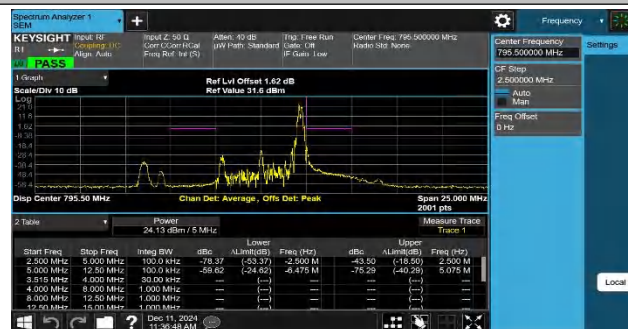
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NTNV-Band14-5MHz-QPSK-23355-1RB#24--5.00--2.50-PASS

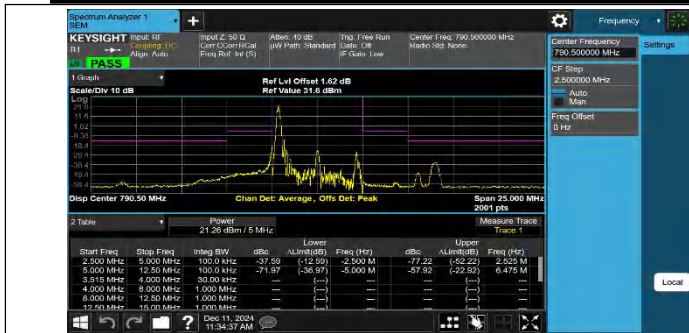


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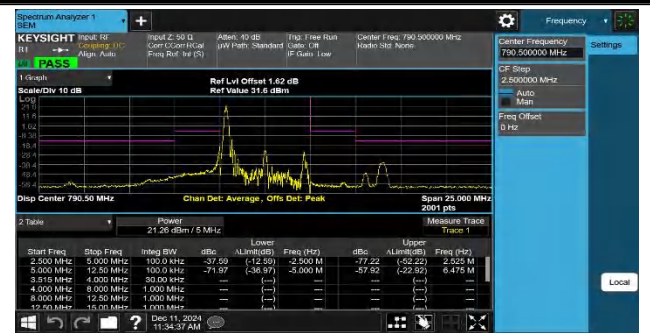


NTNV-Band14-5MHz-QPSK-23355-1RB#24-5.00-12.50-PASS





NTNV-Band14-5MHz-16QAM-23305-1RB#0--12.50--5.00-PASS



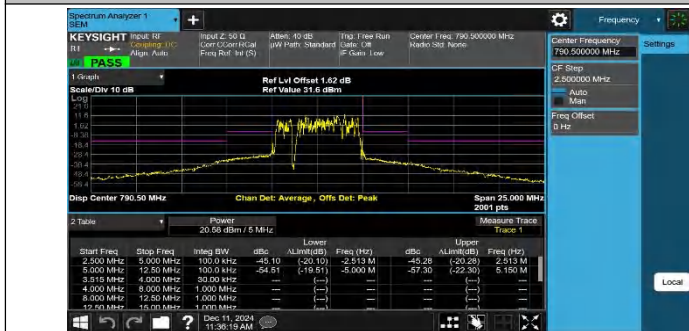
NTNV-Band14-5MHz-16QAM-23305-1RB#0--5.00--2.50-PASS



NTNV-Band14-5MHz-16QAM-23305-1RB#0-2.50-5.00-PASS



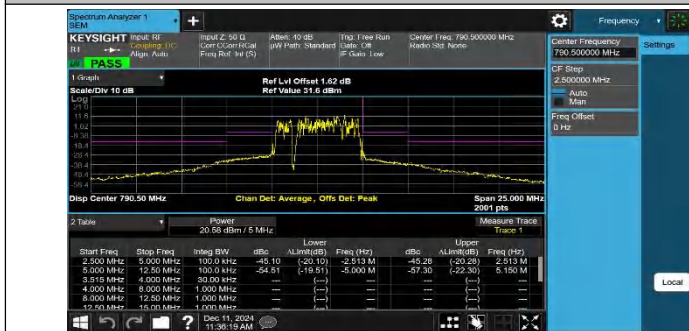
NTNV-Band14-5MHz-16QAM-23305-1RB#0-5.00-12.50-PASS



NTNV-Band14-5MHz-16QAM-23305-25RB#0--12.50--5.00-PASS



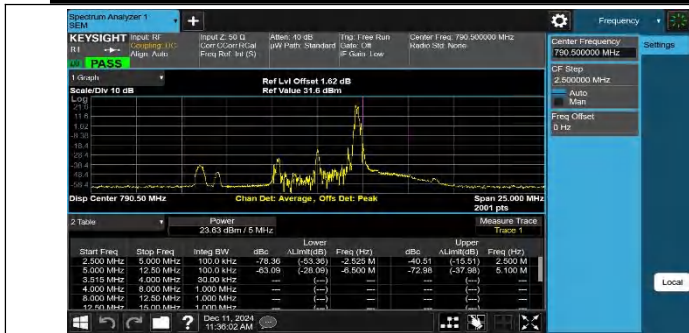
NTNV-Band14-5MHz-16QAM-23305-25RB#0--5.00--2.50-PASS



NTNV-Band14-5MHz-16QAM-23305-25RB#0-2.50-5.00-PASS



NTNV-Band14-5MHz-16QAM-23305-25RB#0-5.00-12.50-PASS



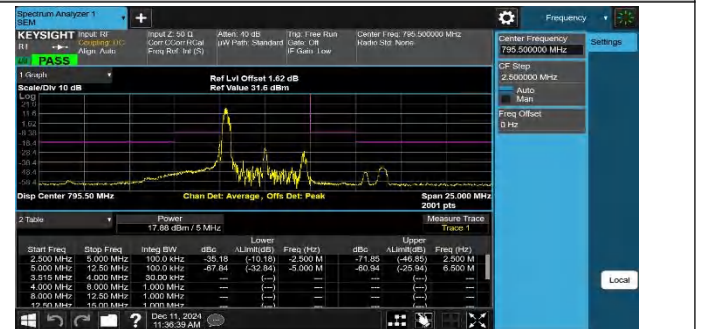
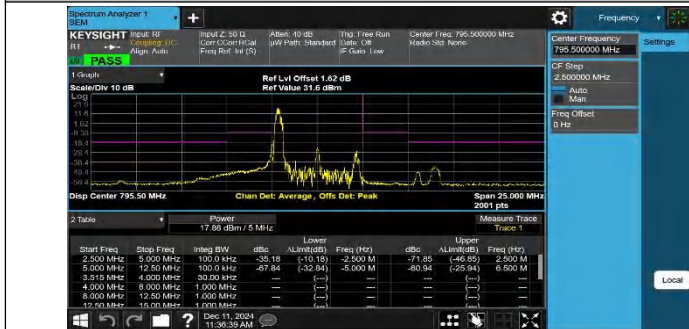
NTNV-Band14-5MHz-16QAM-23305-1RB#24--12.50--5.00-PASS

NTNV-Band14-5MHz-16QAM-23305-1RB#24--5.00--2.50-PASS



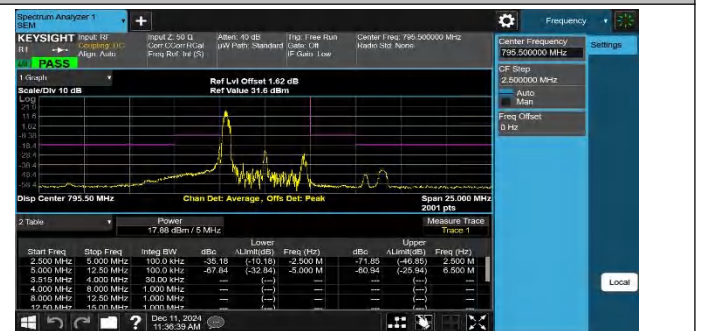
NTNV-Band14-5MHz-16QAM-23305-1RB#24--2.50-2.50-PASS

NTNV-Band14-5MHz-16QAM-23305-1RB#24-5.00-12.50-PASS



NTNV-Band14-5MHz-16QAM-23355-1RB#0--12.50--5.00-PASS

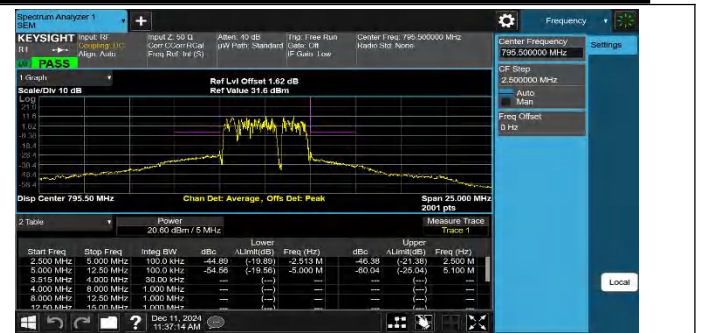
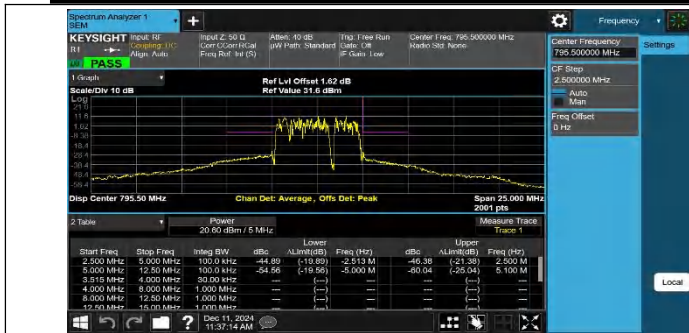
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NTNV-Band14-5MHz-16QAM-23355-1RB#0--2.50-2.50-PASS

NTNV-Band14-5MHz-16QAM-23355-1RB#0-5.00-12.50-PASS





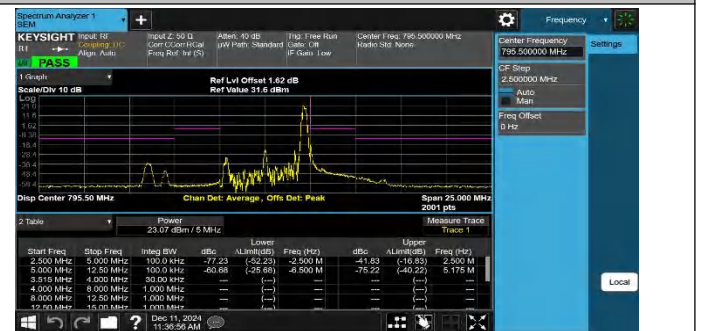
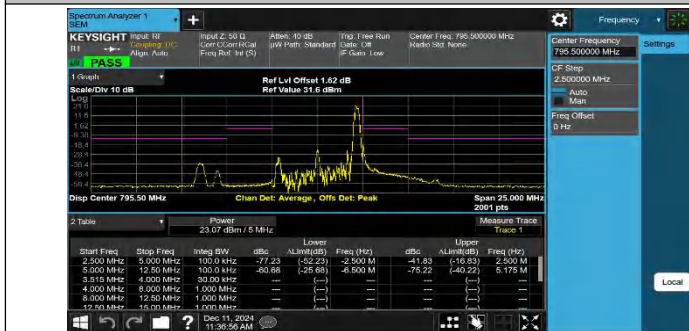
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NTNV-Band14-5MHz-16QAM-23355-25RB#0--5.00--2.50-PASS



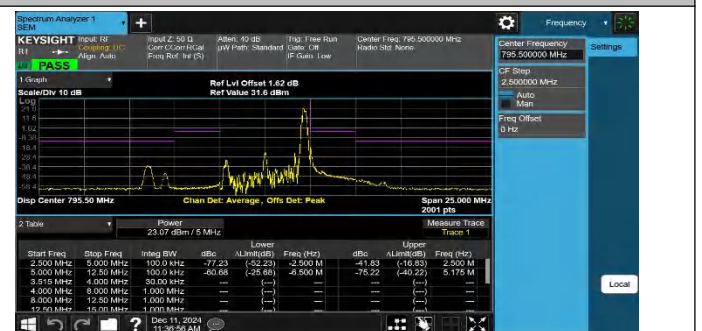
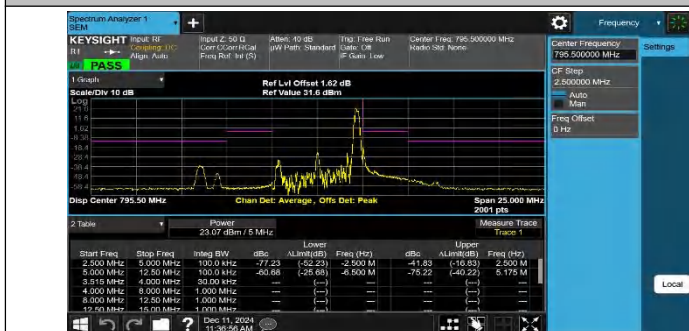
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NTNV-Band14-5MHz-16QAM-23355-25RB#0-5.00-12.50-PASS



NTNV-Band14-5MHz-16QAM-23355-1RB#24--12.50--5.00-PASS

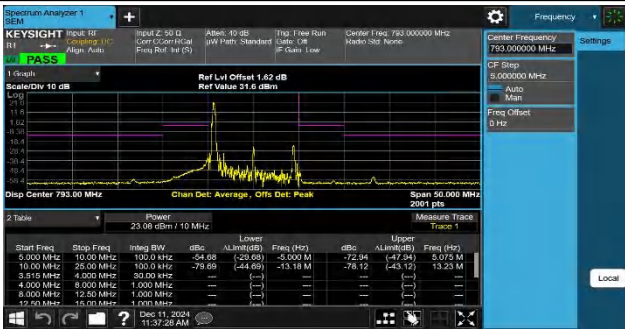
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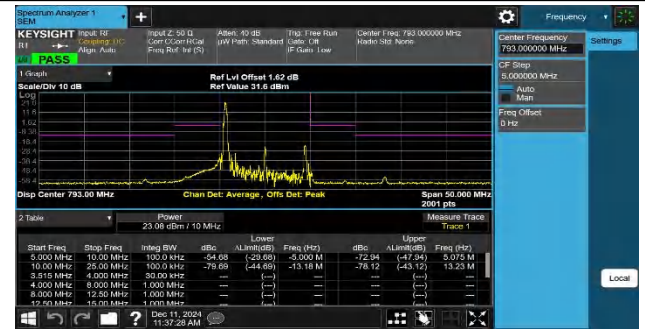
NTNV-Band14-5MHz-16QAM-23355-1RB#24--2.50-2.50-PASS

NTNV-Band14-5MHz-16QAM-23355-1RB#24-5.00-12.50-PASS

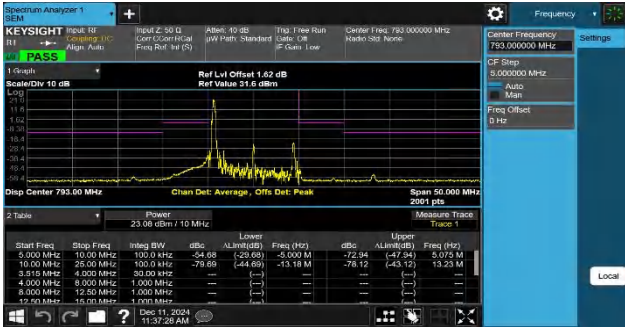




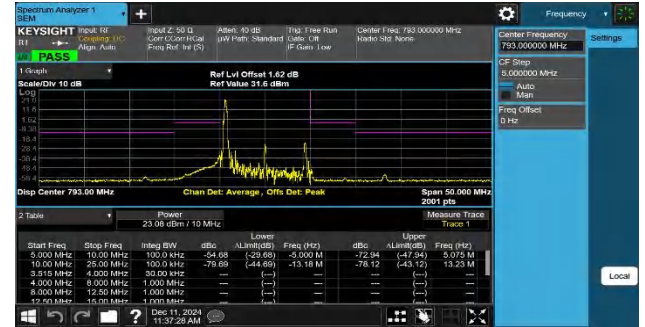
NTNV-Band14-10MHz-QPSK-23330-1RB#0--25.00--10.00-PASS



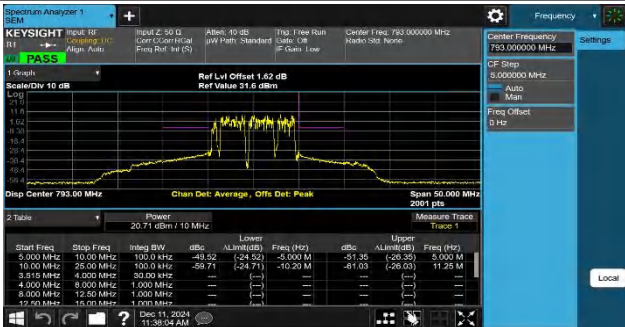
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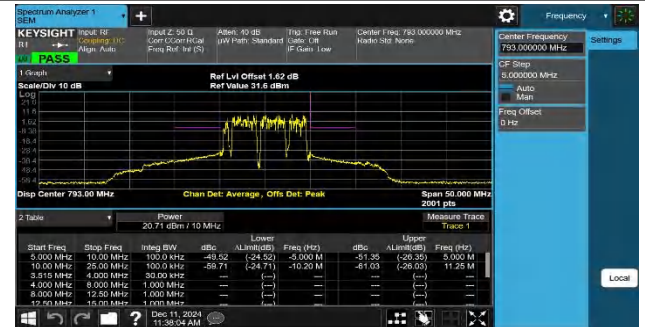
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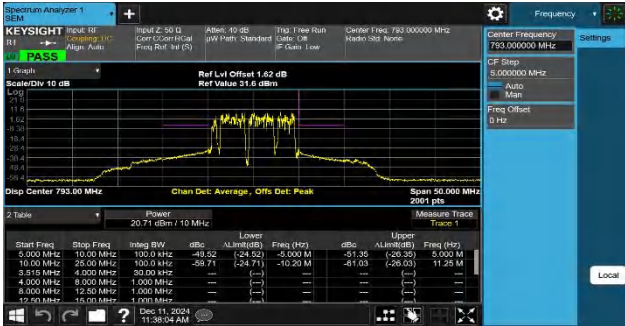
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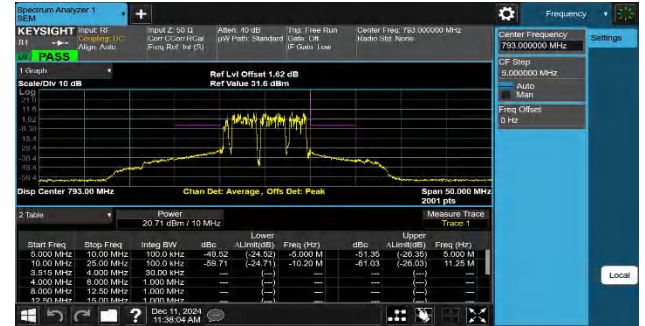
NTNV-Band14-10MHz-QPSK-23330-50RB#0--25.00--10.00-PASS



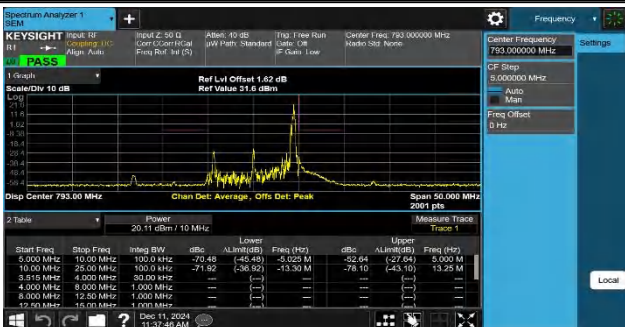
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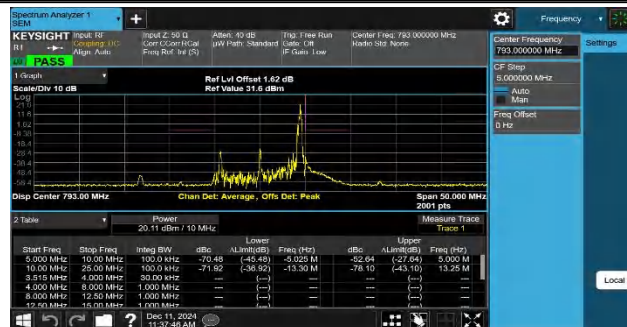
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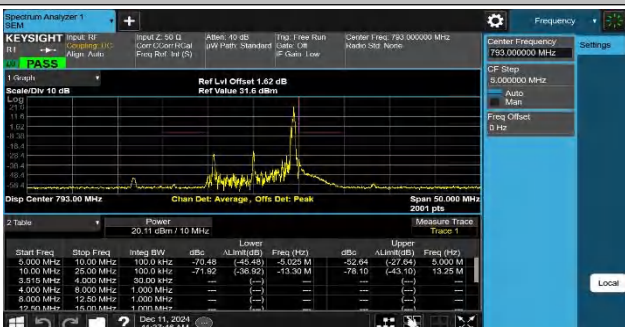
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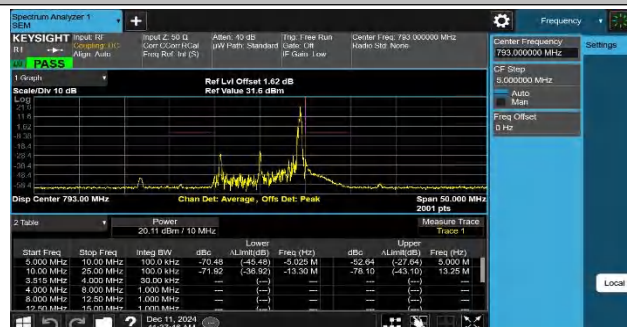
NTNV-Band14-10MHz-QPSK-23330-1RB#49--25.00--10.00-PASS



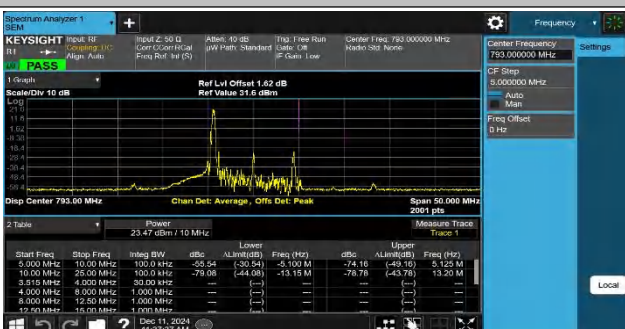
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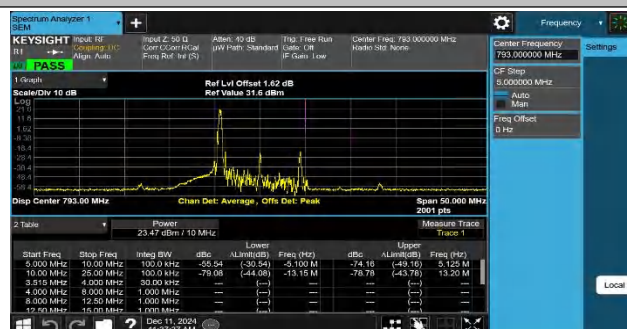
NTNV-Band14-10MHz-QPSK-23330-1RB#49--5.00-5.00-PASS



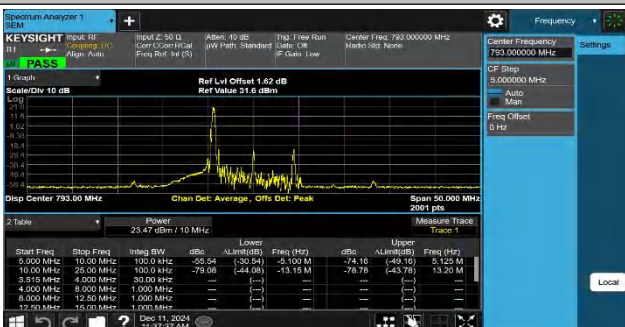
NTNV-Band14-10MHz-QPSK-23330-1RB#49-10.00-25.00-PASS



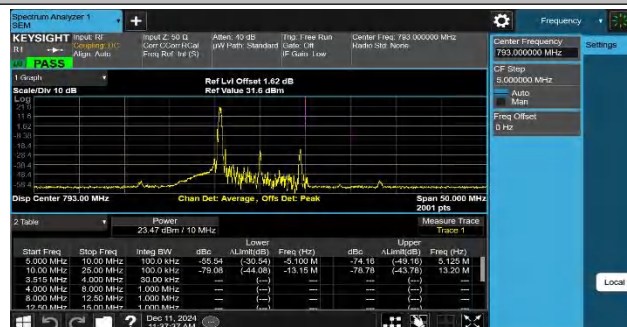
NTNV-Band14-10MHz-16QAM-23330-1RB#0--25.00--10.00-PASS



NTNV-Band14-10MHz-16QAM-23330-1RB#0--10.00--5.00-PASS

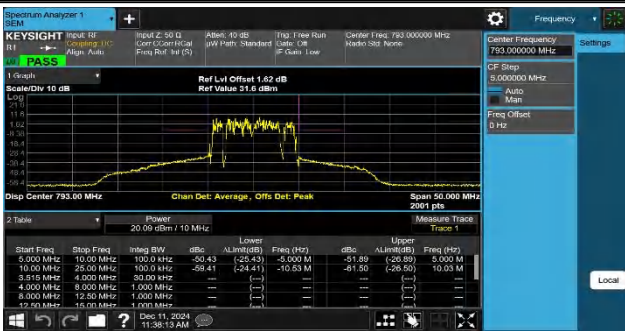


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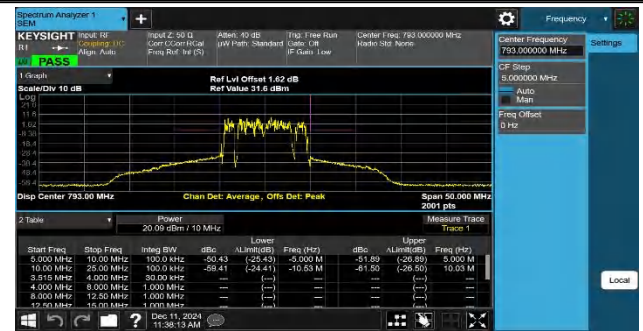
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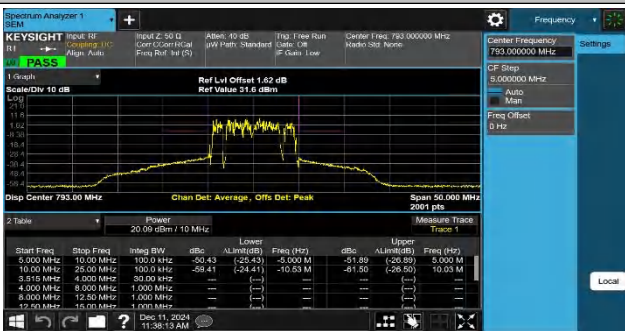
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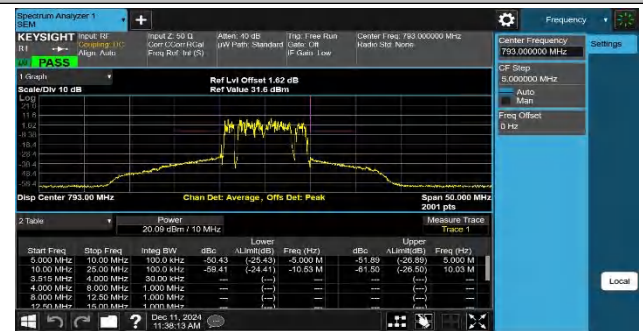


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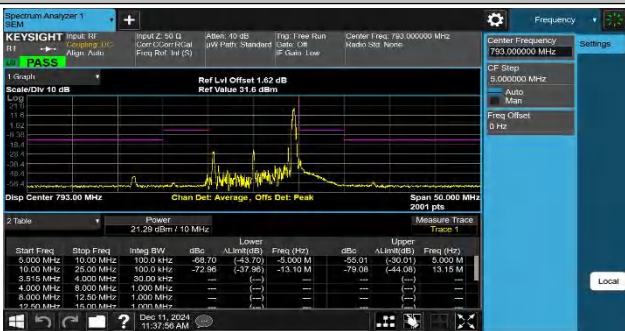
S



NTNV-Band14-10MHz-16QAM-23330-50RB#0--5.00-5.00-PASS

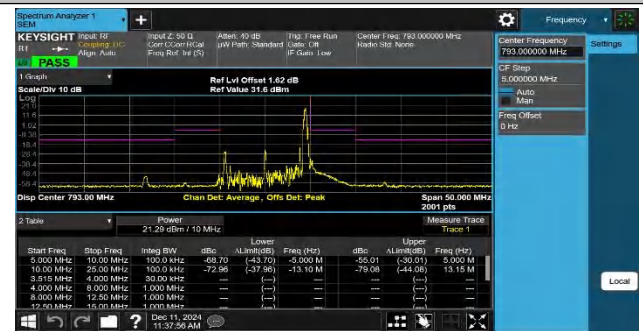


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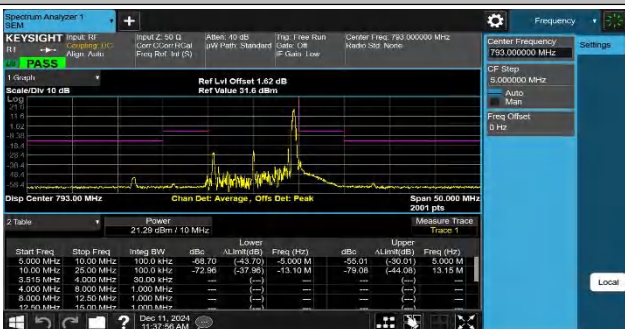
NTNV-Band14-10MHz-16QAM-23330-1RB#49--25.00--10.00-PAS

S



NTNV-Band14-10MHz-16QAM-23330-1RB#49--10.00--5.00-PAS

5



NTNV-Band14-10MHz-16QAM-23330-1RB#49--5.00-5.00-PASS

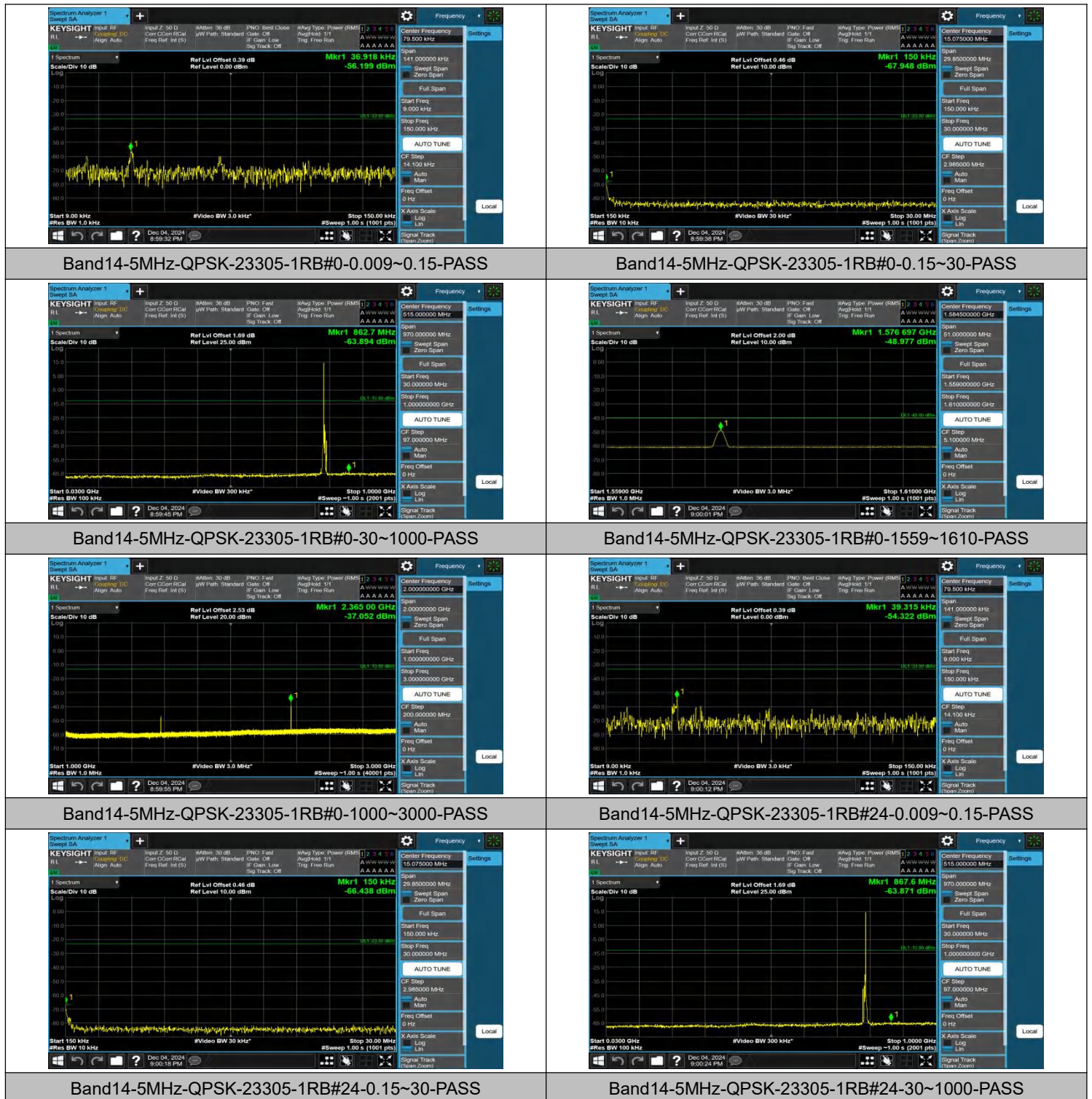


NTNV-Band14-10MHz-16QAM-23330-1RB#49-10.00-25.00-PASS



# Conducted Spurious Emission

## Test Graphs





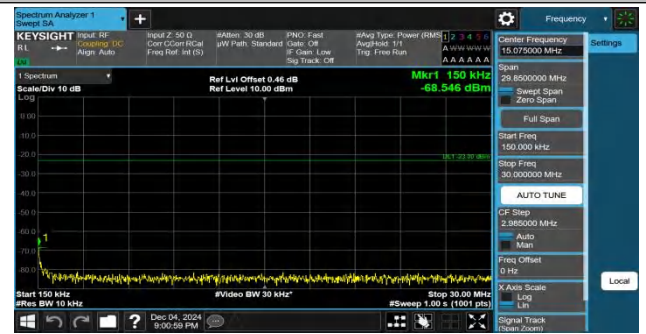
Band14-5MHz-QPSK-23305-1RB#24-1559~1610-PASS



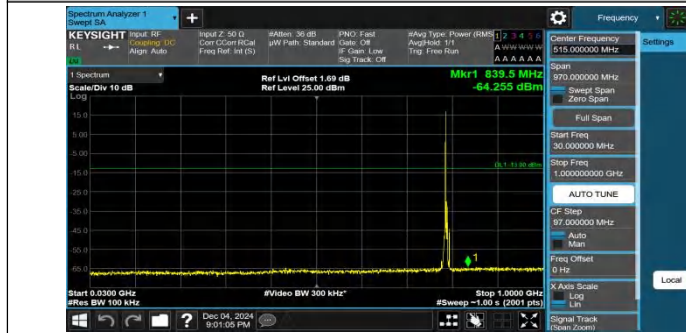
Band14-5MHz-QPSK-23305-1RB#24-1000~3000-PASS



Band14-5MHz-QPSK-23330-1RB#0-0.009~0.15-PASS



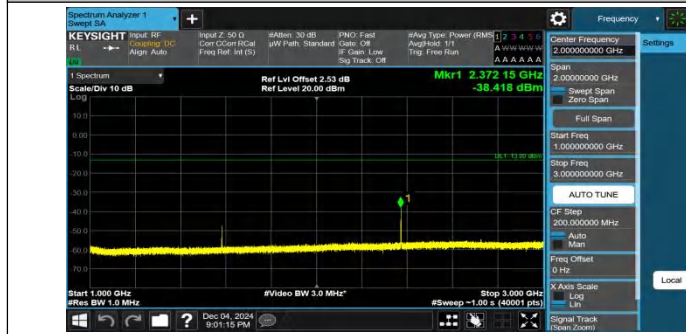
Band14-5MHz-QPSK-23330-1RB#0-0.15~30-PASS



Band14-5MHz-QPSK-23330-1RB#0-0.009~0.15-PASS



Band14-5MHz-QPSK-23330-1RB#0-1559~1610-PASS

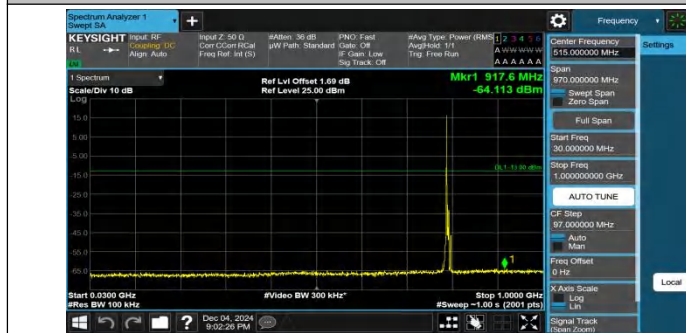
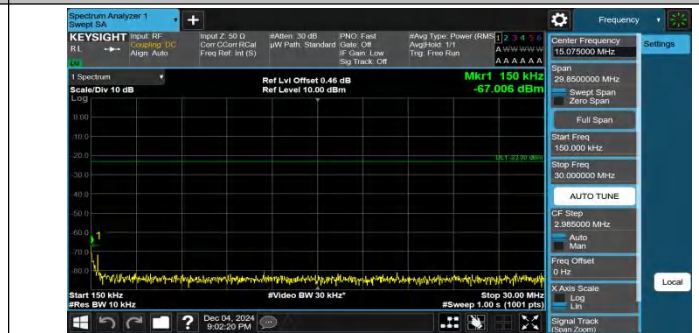
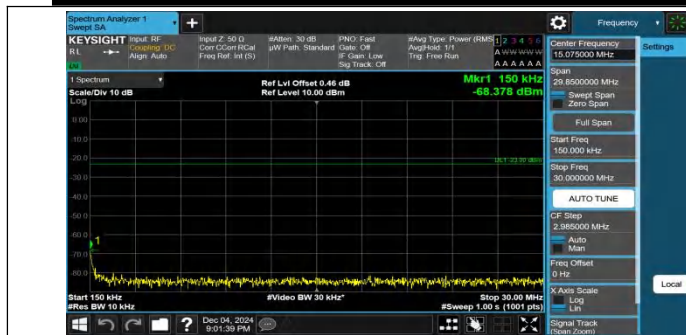


Band14-5MHz-QPSK-23330-1RB#0-30~1000-PASS

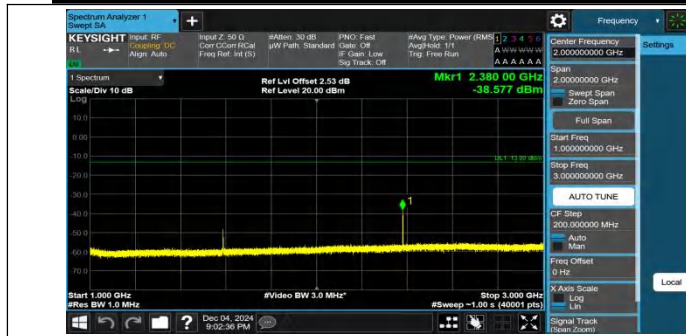


Band14-5MHz-QPSK-23330-1RB#24-0.009~0.15-PASS

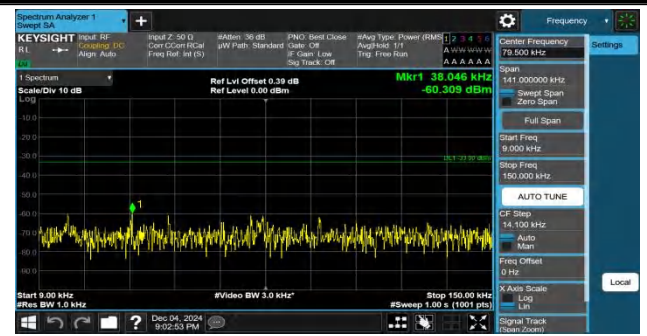








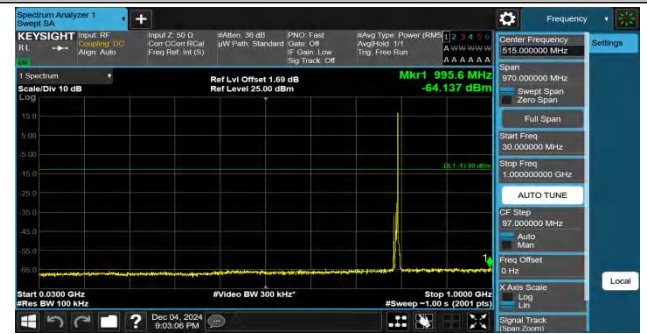
Band14-5MHz-QPSK-23355-1RB#0-1000~3000-PASS



Band14-5MHz-QPSK-23355-1RB#24-0.009~0.15-PASS



Band14-5MHz-QPSK-23355-1RB#24-0.15~30-PASS



Band14-5MHz-QPSK-23355-1RB#24-30~1000-PASS



Band14-5MHz-QPSK-23355-1RB#24-1559~1610-PASS



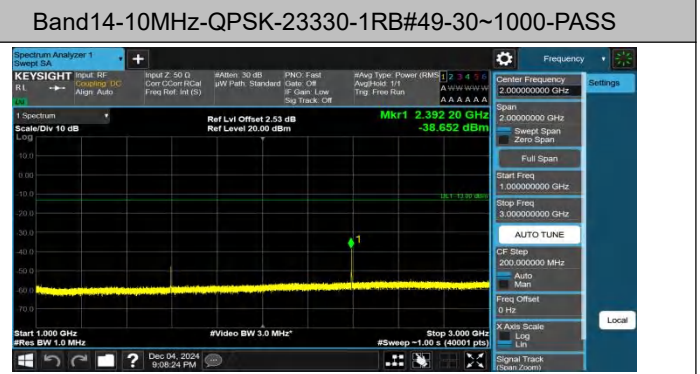
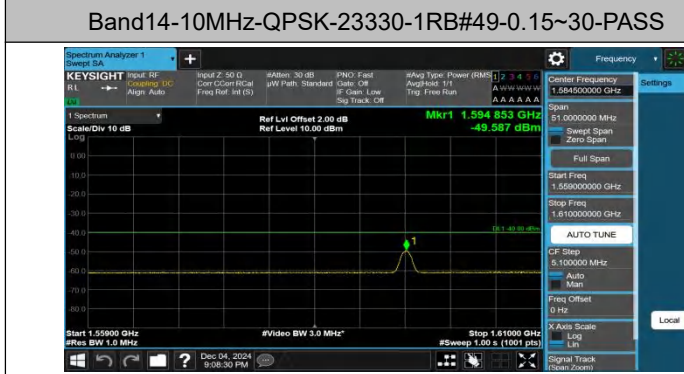
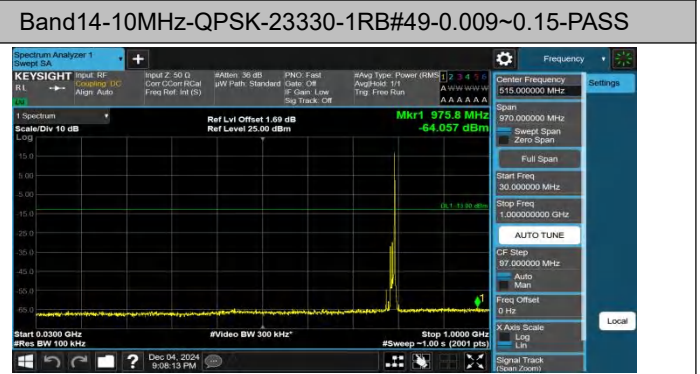
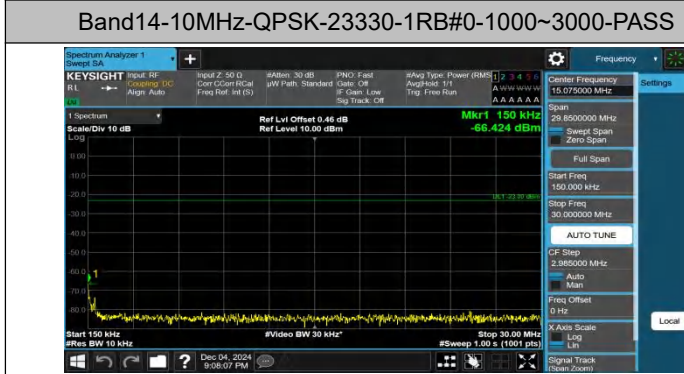
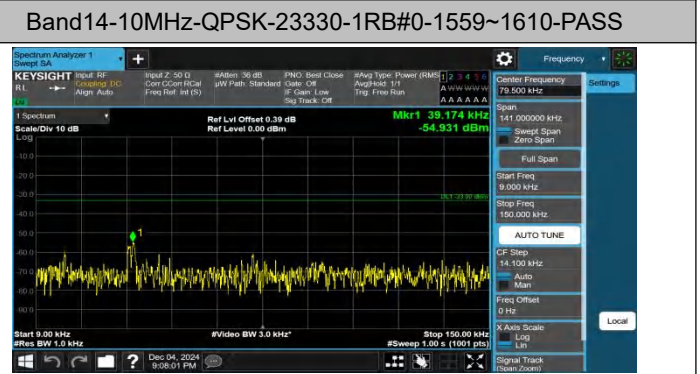
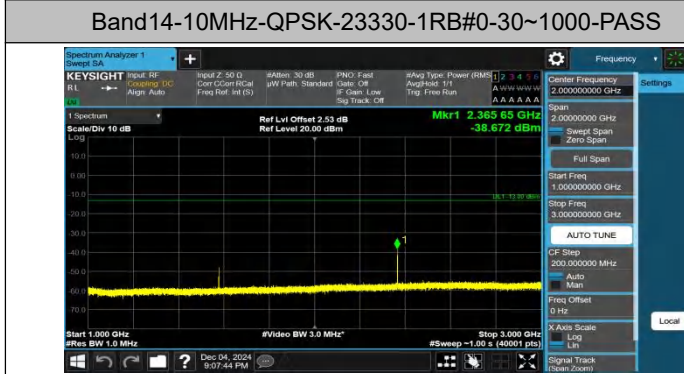
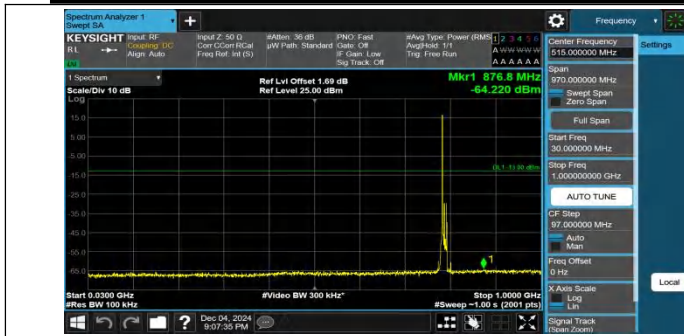
Band14-5MHz-QPSK-23355-1RB#24-1000~3000-PASS



Band14-10MHz-QPSK-23330-1RB#0-0.009~0.15-PASS



Band14-10MHz-QPSK-23330-1RB#0-0.15~30-PASS



## Frequency Stability

### Test Result

| Voltage |           |            |         |                  |               |                  |                |                 |             |          |          |             |         |
|---------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|-------------|----------|----------|-------------|---------|
| Band    | Bandwidth | Modulation | Channel | RB Configuration | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | FL (MHz) | FH (MHz) | Limit (MHz) | Verdict |
| Band 14 | 10MHz     | QPSK       | 23330   | 50RB#0           | VN            | NT               | 1.35           | 0.001702        | ±1.5        | ---      | ---      | ---         | PASS    |
| Band 14 | 10MHz     | QPSK       | 23330   | 50RB#0           | VL            | NT               | -2.61          | -0.003291       | ±1.5        | ---      | ---      | ---         | PASS    |
| Band 14 | 10MHz     | QPSK       | 23330   | 50RB#0           | VH            | NT               | -2.43          | -0.003064       | ±1.5        | ---      | ---      | ---         | PASS    |

| Temperature |           |            |         |                  |               |                  |                |                 |             |          |          |             |         |
|-------------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|-------------|----------|----------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configuration | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | FL (MHz) | FH (MHz) | Limit (MHz) | Verdict |
| Band 14     | 10MHz     | QPSK       | 23330   | 50RB#0           | NV            | -30              | -1.87          | -0.002358       | ±1.5        | ---      | ---      | ---         | PASS    |
| Band 14     | 10MHz     | QPSK       | 23330   | 50RB#0           | NV            | -20              | 1.75           | 0.002207        | ±1.5        | ---      | ---      | ---         | PASS    |
| Band 14     | 10MHz     | QPSK       | 23330   | 50RB#0           | NV            | -10              | -3.31          | -0.004174       | ±1.5        | ---      | ---      | ---         | PASS    |
| Band 14     | 10MHz     | QPSK       | 23330   | 50RB#0           | NV            | 0                | -2.93          | -0.003695       | ±1.5        | ---      | ---      | ---         | PASS    |
| Band 14     | 10MHz     | QPSK       | 23330   | 50RB#0           | NV            | 10               | 2.77           | 0.003493        | ±1.5        | ---      | ---      | ---         | PASS    |
| Band 14     | 10MHz     | QPSK       | 23330   | 50RB#0           | NV            | 20               | -2.90          | -0.003657       | ±1.5        | ---      | ---      | ---         | PASS    |
| Band 14     | 10MHz     | QPSK       | 23330   | 50RB#0           | NV            | 30               | -1.78          | -0.002245       | ±1.5        | ---      | ---      | ---         | PASS    |
| Band 14     | 10MHz     | QPSK       | 23330   | 50RB#0           | NV            | 40               | 2.14           | 0.002699        | ±1.5        | ---      | ---      | ---         | PASS    |
| Band 14     | 10MHz     | QPSK       | 23330   | 50RB#0           | NV            | 50               | -2.81          | -0.003544       | ±1.5        | ---      | ---      | ---         | PASS    |

----- THE END -----