

## Effective (Isotropic) Radiated Power Output Data

### Test Result

#### RMC

| Band  | Channel | Power(dBm) | Gain(dBi) | E(I)RP (dBm) | Limit(dBm) | Verdict |
|-------|---------|------------|-----------|--------------|------------|---------|
| Band4 | 1312    | 23.62      | 2         | 25.62        | 30         | PASS    |
| Band4 | 1413    | 23.85      | 2         | 25.85        | 30         | PASS    |
| Band4 | 1513    | 23.74      | 2         | 25.74        | 30         | PASS    |

#### HSDPA

| Band  | Channel | SubTest | Power(dBm) | Gain(dBi) | E(I)RP (dBm) | Limit(dBm) | Verdict |
|-------|---------|---------|------------|-----------|--------------|------------|---------|
| Band4 | 1312    | 1       | 22.78      | 2         | 24.78        | 30         | PASS    |
| Band4 | 1312    | 2       | 22.21      | 2         | 24.21        | 30         | PASS    |
| Band4 | 1312    | 3       | 22.27      | 2         | 24.27        | 30         | PASS    |
| Band4 | 1312    | 4       | 22.28      | 2         | 24.28        | 30         | PASS    |
| Band4 | 1413    | 1       | 22.88      | 2         | 24.88        | 30         | PASS    |
| Band4 | 1413    | 2       | 22.36      | 2         | 24.36        | 30         | PASS    |
| Band4 | 1413    | 3       | 22.35      | 2         | 24.35        | 30         | PASS    |
| Band4 | 1413    | 4       | 22.37      | 2         | 24.37        | 30         | PASS    |
| Band4 | 1513    | 1       | 22.91      | 2         | 24.91        | 30         | PASS    |
| Band4 | 1513    | 2       | 22.28      | 2         | 24.28        | 30         | PASS    |
| Band4 | 1513    | 3       | 22.36      | 2         | 24.36        | 30         | PASS    |
| Band4 | 1513    | 4       | 22.36      | 2         | 24.36        | 30         | PASS    |

#### HSUPA

| Band  | Channel | SubTest | Power(dBm) | Gain(dBi) | E(I)RP (dBm) | Limit(dBm) | Verdict |
|-------|---------|---------|------------|-----------|--------------|------------|---------|
| Band4 | 1312    | 1       | 22.6       | 2         | 24.6         | 30         | PASS    |
| Band4 | 1312    | 2       | 21.75      | 2         | 23.75        | 30         | PASS    |
| Band4 | 1312    | 3       | 21.56      | 2         | 23.56        | 30         | PASS    |
| Band4 | 1312    | 4       | 22.11      | 2         | 24.11        | 30         | PASS    |
| Band4 | 1312    | 5       | 22.8       | 2         | 24.8         | 30         | PASS    |
| Band4 | 1413    | 1       | 22.48      | 2         | 24.48        | 30         | PASS    |
| Band4 | 1413    | 2       | 21.87      | 2         | 23.87        | 30         | PASS    |
| Band4 | 1413    | 3       | 21.58      | 2         | 23.58        | 30         | PASS    |
| Band4 | 1413    | 4       | 22.14      | 2         | 24.14        | 30         | PASS    |
| Band4 | 1413    | 5       | 22.9       | 2         | 24.9         | 30         | PASS    |
| Band4 | 1513    | 1       | 22.8       | 2         | 24.8         | 30         | PASS    |
| Band4 | 1513    | 2       | 21.38      | 2         | 23.38        | 30         | PASS    |
| Band4 | 1513    | 3       | 21.09      | 2         | 23.09        | 30         | PASS    |
| Band4 | 1513    | 4       | 22.43      | 2         | 24.43        | 30         | PASS    |
| Band4 | 1513    | 5       | 22.89      | 2         | 24.89        | 30         | PASS    |

Note: Reported the power data of WCDMA in RMC, HSDPA, and HSUPA modes, and found that the data in RMC mode was the worst case.

## Peak-to-Average Ratio

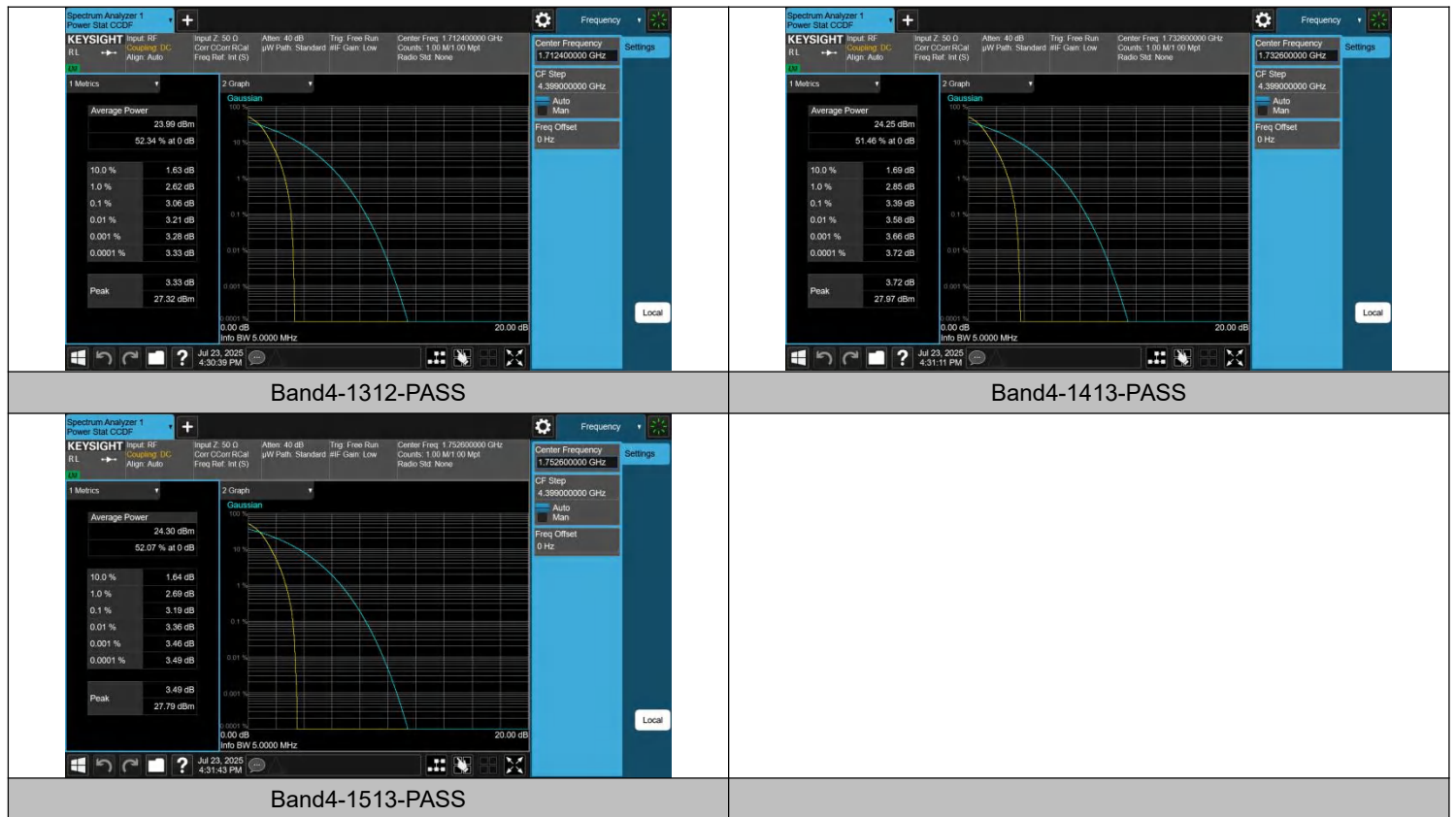
### Test Result

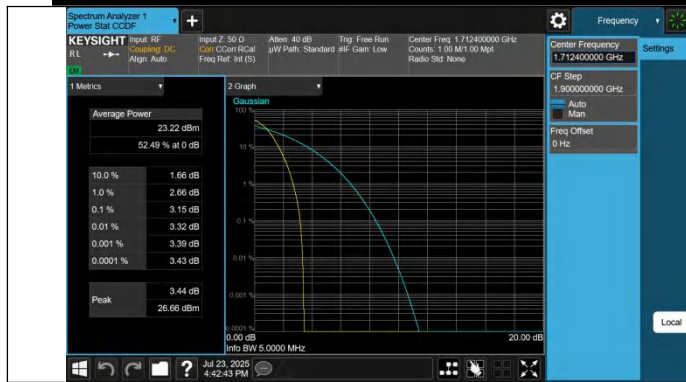
| Band  | Channel | Peak-to-Average Ratio(dB) | Limit(dB) | Verdict |
|-------|---------|---------------------------|-----------|---------|
| Band4 | 1312    | 3.06                      | 13        | PASS    |
| Band4 | 1413    | 3.39                      | 13        | PASS    |
| Band4 | 1513    | 3.19                      | 13        | PASS    |

| Band  | Channel | SubTest | Peak-to-Average Ratio(dB) | Limit(dB) | Verdict |
|-------|---------|---------|---------------------------|-----------|---------|
| Band4 | 1312    | 1       | 3.15                      | 13        | PASS    |
| Band4 | 1312    | 2       | 3.5                       | 13        | PASS    |
| Band4 | 1312    | 3       | 3.68                      | 13        | PASS    |
| Band4 | 1312    | 4       | 3.72                      | 13        | PASS    |
| Band4 | 1413    | 1       | 3.38                      | 13        | PASS    |
| Band4 | 1413    | 2       | 3.63                      | 13        | PASS    |
| Band4 | 1413    | 3       | 3.82                      | 13        | PASS    |
| Band4 | 1413    | 4       | 3.86                      | 13        | PASS    |
| Band4 | 1513    | 1       | 3.2                       | 13        | PASS    |
| Band4 | 1513    | 2       | 3.51                      | 13        | PASS    |
| Band4 | 1513    | 3       | 3.7                       | 13        | PASS    |
| Band4 | 1513    | 4       | 3.76                      | 13        | PASS    |

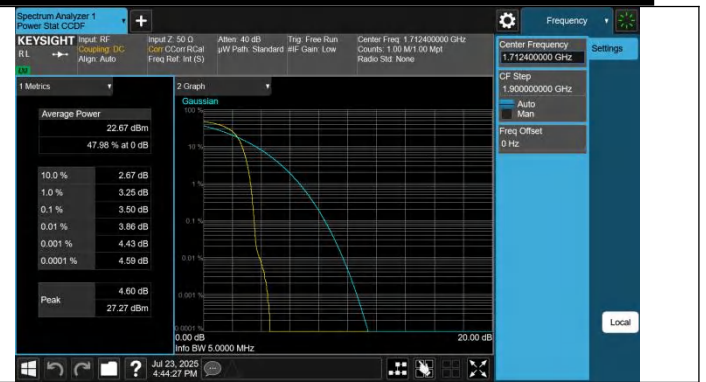
| Band  | Channel | SubTest | Peak-to-Average Ratio(dB) | Limit(dB) | Verdict |
|-------|---------|---------|---------------------------|-----------|---------|
| Band4 | 1312    | 1       | 4.43                      | 13        | PASS    |
| Band4 | 1312    | 2       | 4.95                      | 13        | PASS    |
| Band4 | 1312    | 3       | 5.22                      | 13        | PASS    |
| Band4 | 1312    | 4       | 4.67                      | 13        | PASS    |
| Band4 | 1312    | 5       | 4.04                      | 13        | PASS    |
| Band4 | 1413    | 1       | 4.84                      | 13        | PASS    |
| Band4 | 1413    | 2       | 5.29                      | 13        | PASS    |
| Band4 | 1413    | 3       | 5.57                      | 13        | PASS    |
| Band4 | 1413    | 4       | 5.1                       | 13        | PASS    |
| Band4 | 1413    | 5       | 4.46                      | 13        | PASS    |
| Band4 | 1513    | 1       | 4.57                      | 13        | PASS    |
| Band4 | 1513    | 2       | 5.15                      | 13        | PASS    |
| Band4 | 1513    | 3       | 5.4                       | 13        | PASS    |
| Band4 | 1513    | 4       | 4.81                      | 13        | PASS    |
| Band4 | 1513    | 5       | 4.2                       | 13        | PASS    |

## Test Graphs

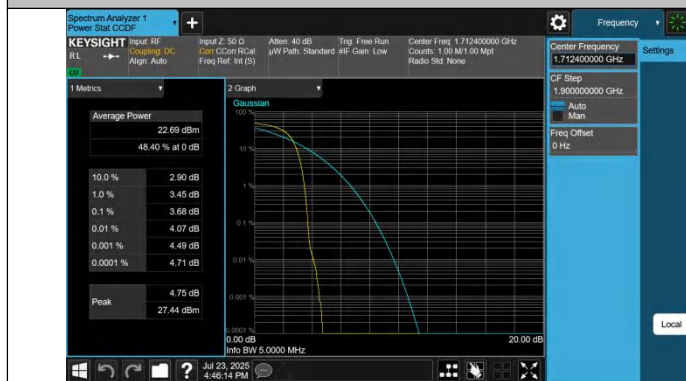




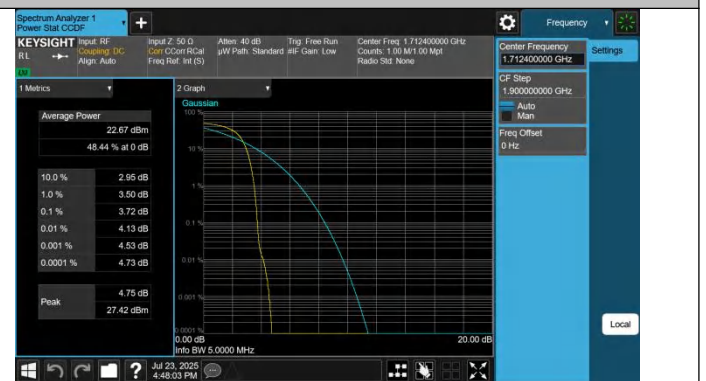
Band4-1312-1-PASS



Band4-1312-2-PASS



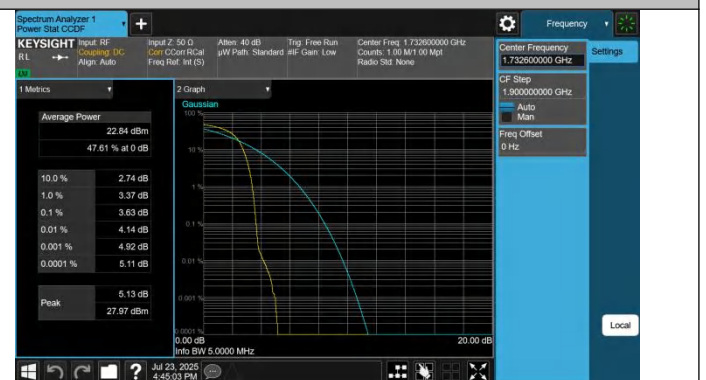
Band4-1312-3-PASS



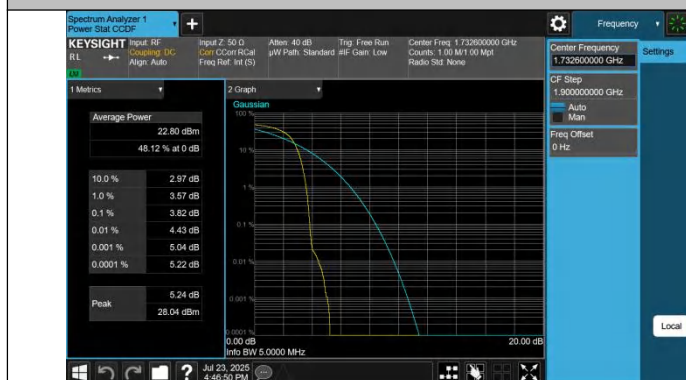
Band4-1312-4-PASS



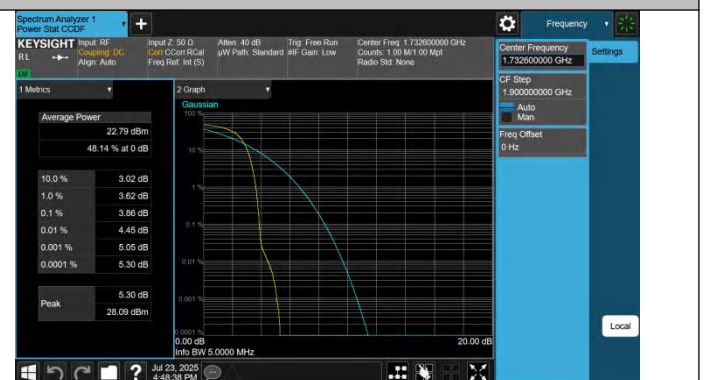
Band4-1413-1-PASS



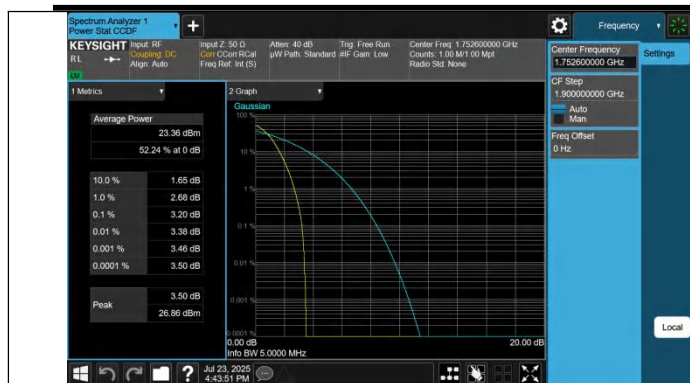
Band4-1413-2-PASS



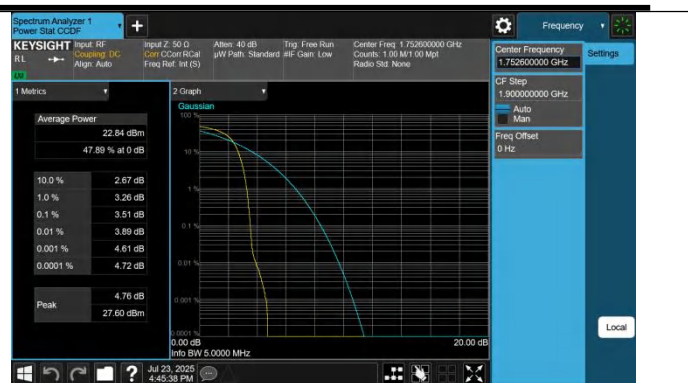
Band4-1413-3-PASS



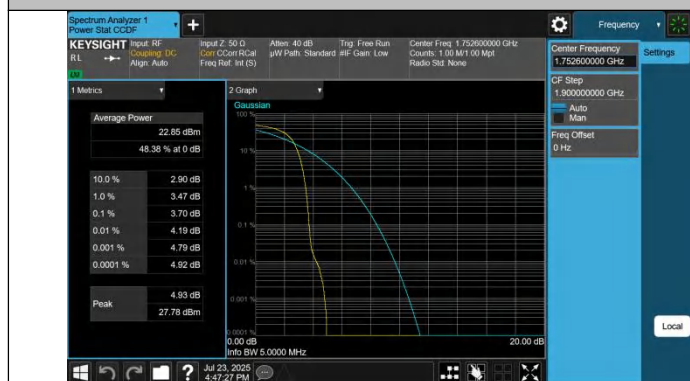
Band4-1413-4-PASS



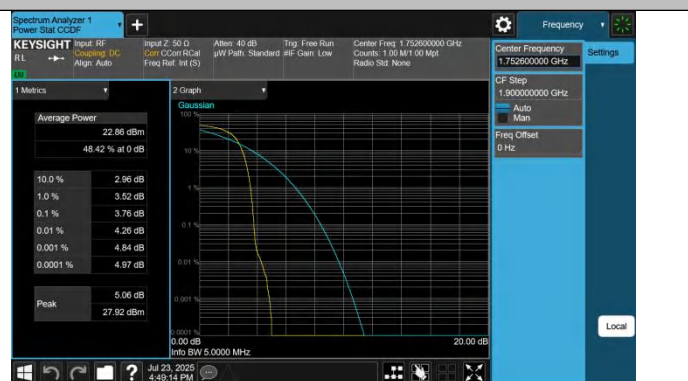
Band4-1513-1-PASS



Band4-1513-2-PASS

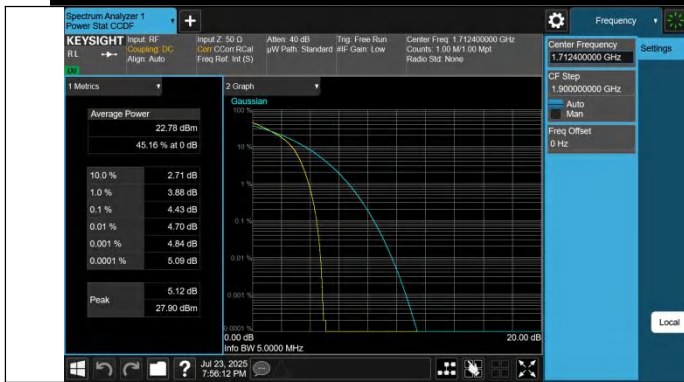


Band4-1513-3-PASS



Band4-1513-4-PASS

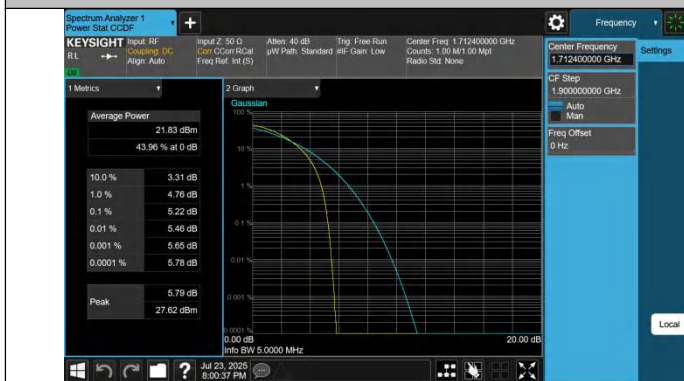




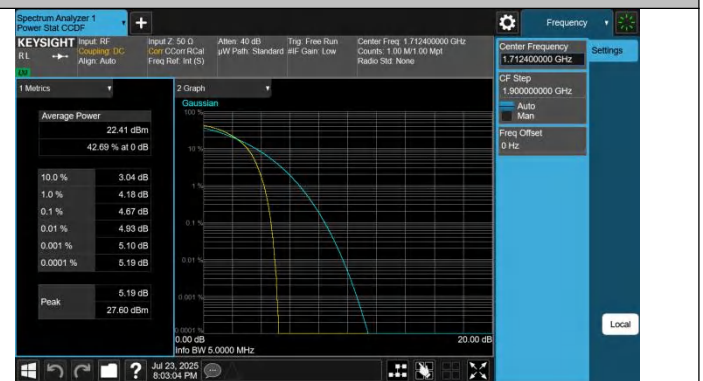
Band4-1312-1-PASS



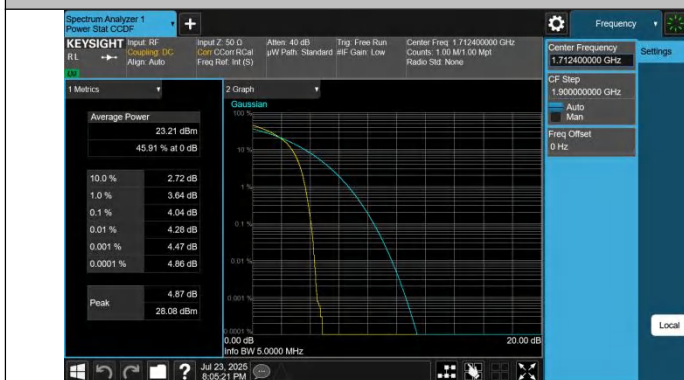
Band4-1312-2-PASS



Band4-1312-3-PASS



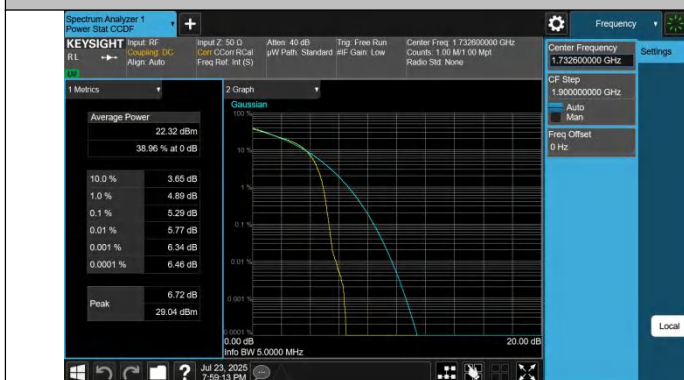
Band4-1312-4-PASS



Band4-1312-5-PASS



Band4-1413-1-PASS



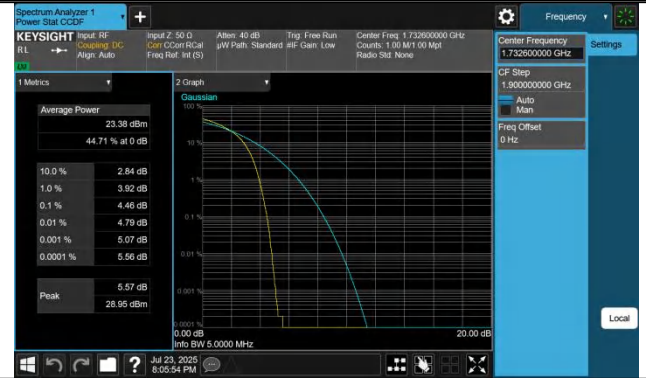
Band4-1413-2-PASS



Band4-1413-3-PASS



Band4-1413-4-PASS



Band4-1413-5-PASS



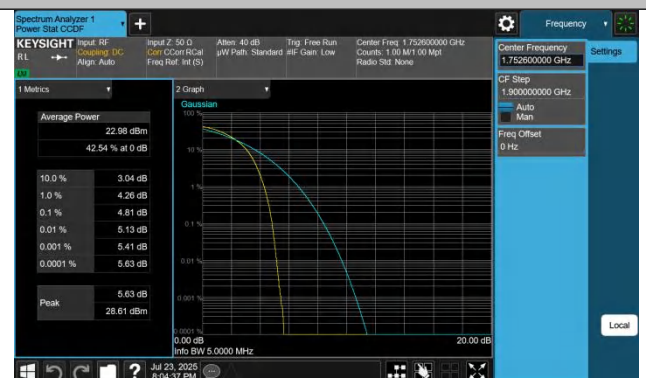
Band4-1513-1-PASS



Band4-1513-2-PASS



Band4-1513-3-PASS



Band4-1513-4-PASS



Band4-1513-5-PASS

## 26dB Bandwidth and Occupied Bandwidth

### Test Result

| Band  | Channel | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
|-------|---------|--------------------------|----------------------|-------------|---------|
| Band4 | 1312    | 4.1283                   | 4.697                | ---         | PASS    |
| Band4 | 1413    | 4.1226                   | 4.682                | ---         | PASS    |
| Band4 | 1513    | 4.1296                   | 4.689                | ---         | PASS    |

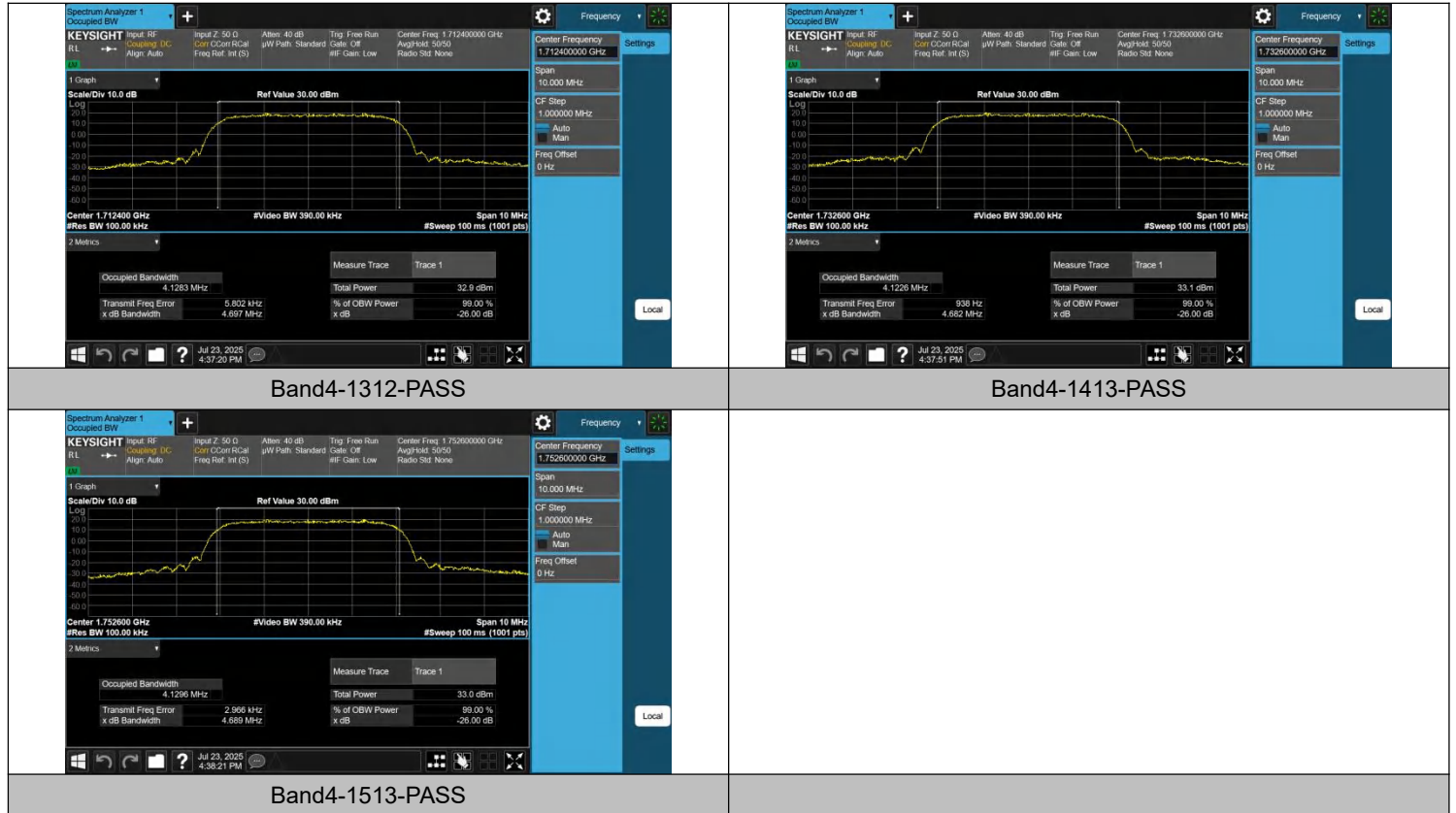
| Band  | Channel | SubTest | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
|-------|---------|---------|--------------------------|----------------------|-------------|---------|
| Band4 | 1312    | 1       | 4.1269                   | 4.709                | ---         | PASS    |
| Band4 | 1312    | 2       | 4.1241                   | 4.701                | ---         | PASS    |
| Band4 | 1312    | 3       | 4.1209                   | 4.711                | ---         | PASS    |
| Band4 | 1312    | 4       | 4.1143                   | 4.709                | ---         | PASS    |
| Band4 | 1413    | 1       | 4.1267                   | 4.683                | ---         | PASS    |
| Band4 | 1413    | 2       | 4.1381                   | 4.705                | ---         | PASS    |
| Band4 | 1413    | 3       | 4.1382                   | 4.729                | ---         | PASS    |
| Band4 | 1413    | 4       | 4.1350                   | 4.715                | ---         | PASS    |
| Band4 | 1513    | 1       | 4.1259                   | 4.699                | ---         | PASS    |
| Band4 | 1513    | 2       | 4.1238                   | 4.706                | ---         | PASS    |
| Band4 | 1513    | 3       | 4.1248                   | 4.713                | ---         | PASS    |
| Band4 | 1513    | 4       | 4.1233                   | 4.712                | ---         | PASS    |

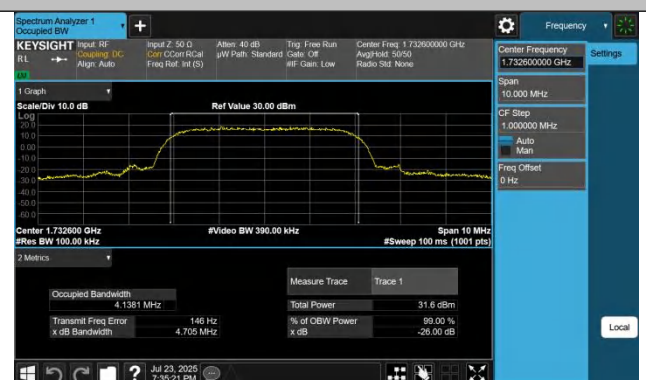
| Band  | Channel | SubTest | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
|-------|---------|---------|--------------------------|----------------------|-------------|---------|
| Band4 | 1312    | 1       | 4.1491                   | 4.707                | ---         | PASS    |
| Band4 | 1312    | 2       | 4.1419                   | 4.687                | ---         | PASS    |
| Band4 | 1312    | 3       | 4.1466                   | 4.712                | ---         | PASS    |
| Band4 | 1312    | 4       | 4.1242                   | 4.720                | ---         | PASS    |
| Band4 | 1312    | 5       | 4.1294                   | 4.709                | ---         | PASS    |
| Band4 | 1413    | 1       | 4.1408                   | 4.716                | ---         | PASS    |
| Band4 | 1413    | 2       | 4.1391                   | 4.720                | ---         | PASS    |
| Band4 | 1413    | 3       | 4.1471                   | 4.724                | ---         | PASS    |
| Band4 | 1413    | 4       | 4.1357                   | 4.715                | ---         | PASS    |
| Band4 | 1413    | 5       | 4.1267                   | 4.706                | ---         | PASS    |
| Band4 | 1513    | 1       | 4.1429                   | 4.701                | ---         | PASS    |
| Band4 | 1513    | 2       | 4.1343                   | 4.720                | ---         | PASS    |
| Band4 | 1513    | 3       | 4.1456                   | 4.735                | ---         | PASS    |
| Band4 | 1513    | 4       | 4.1381                   | 4.719                | ---         | PASS    |

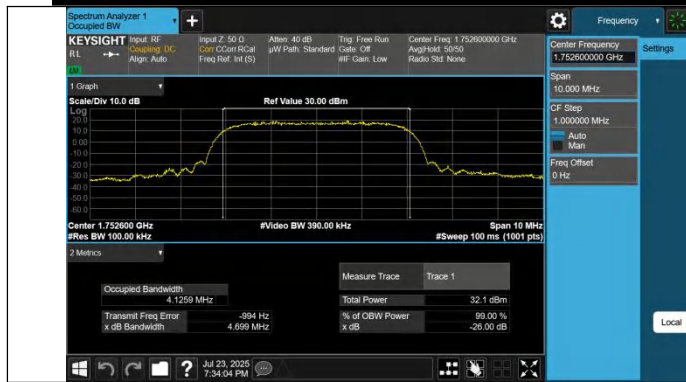


|       |      |   |        |       |     |      |
|-------|------|---|--------|-------|-----|------|
| Band4 | 1513 | 5 | 4.1228 | 4.705 | --- | PASS |
|-------|------|---|--------|-------|-----|------|

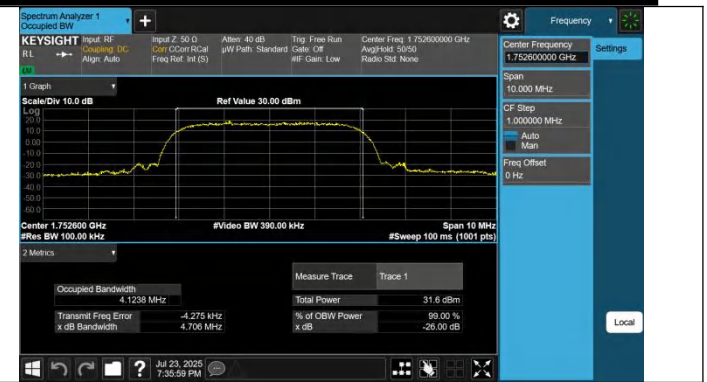
## Test Graphs







Band4-1513-1-PASS



Band4-1513-2-PASS



Band4-1513-3-PASS



Band4-1513-4-PASS



Band4-1312-1-PASS



Band4-1312-2-PASS



Band4-1312-3-PASS



Band4-1312-4-PASS



Band4-1312-5-PASS



Band4-1413-1-PASS

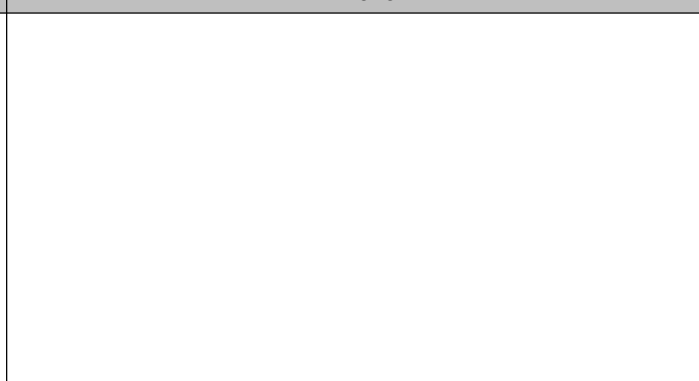
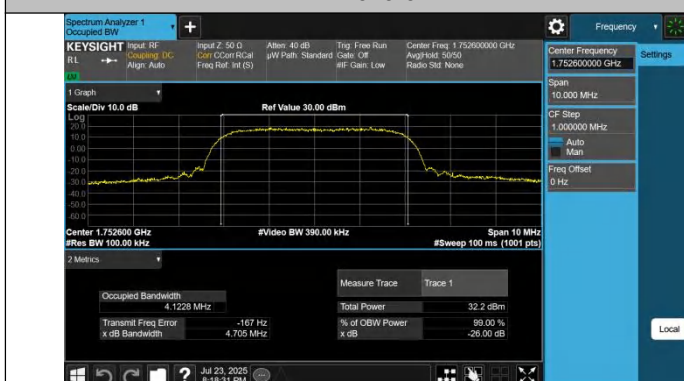
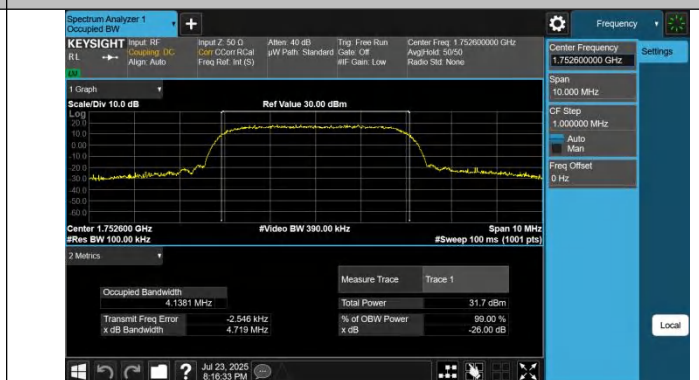
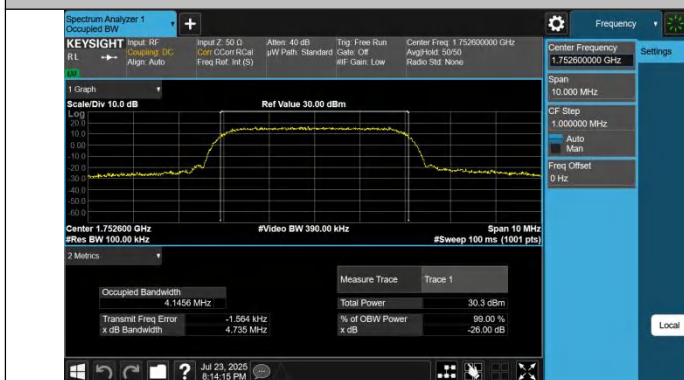
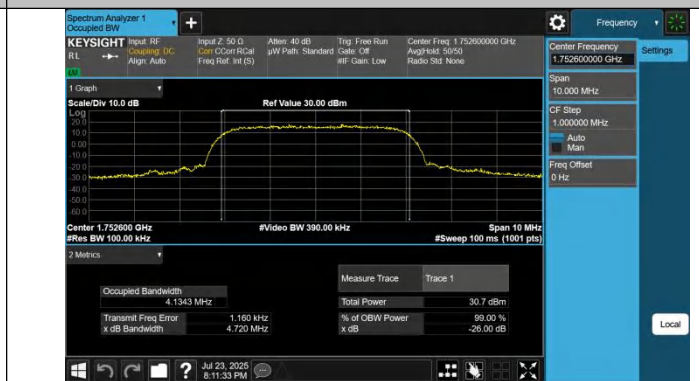
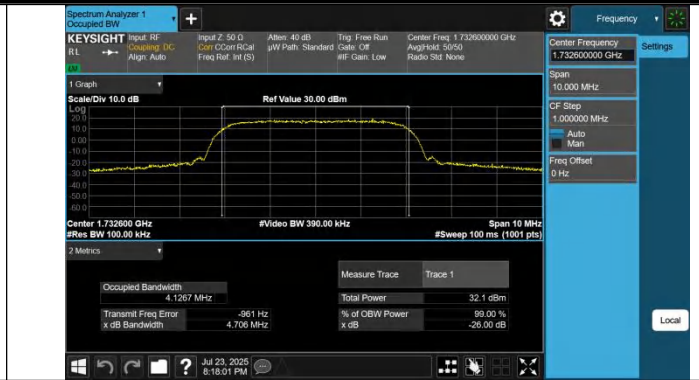


Band4-1413-2-PASS



Band4-1413-3-PASS







## Band Edge

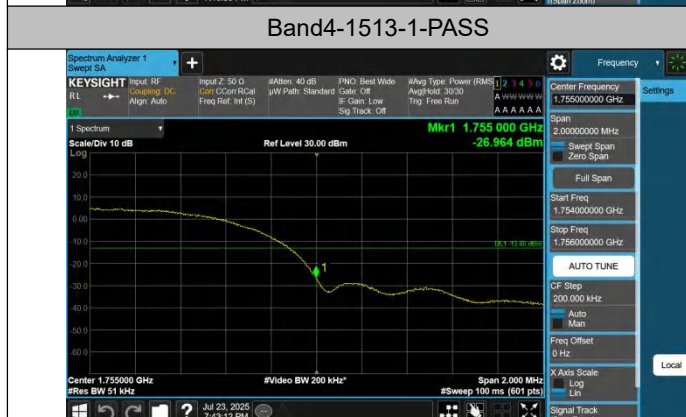
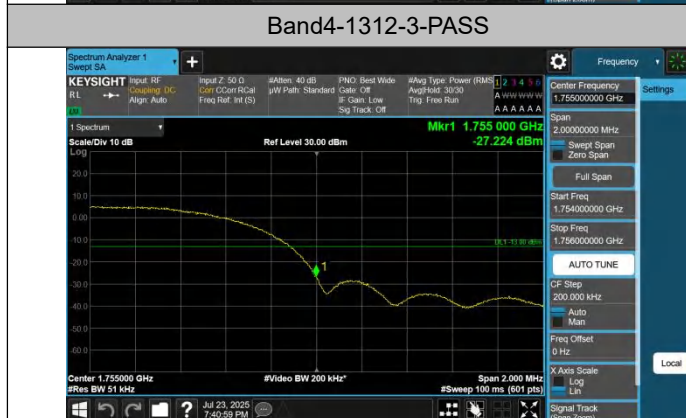
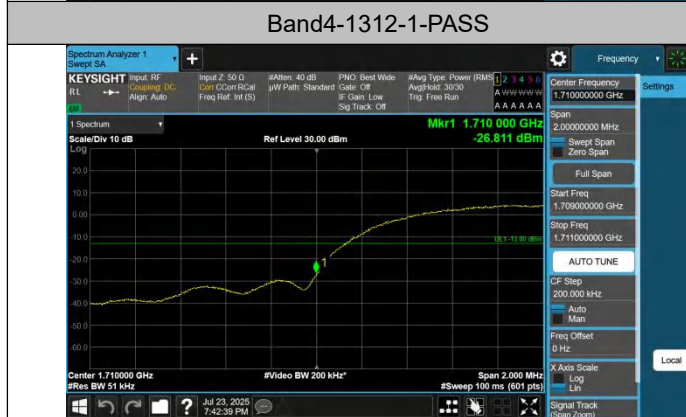
### Test Graphs



Band4-1312-PASS



Band4-1513-PASS



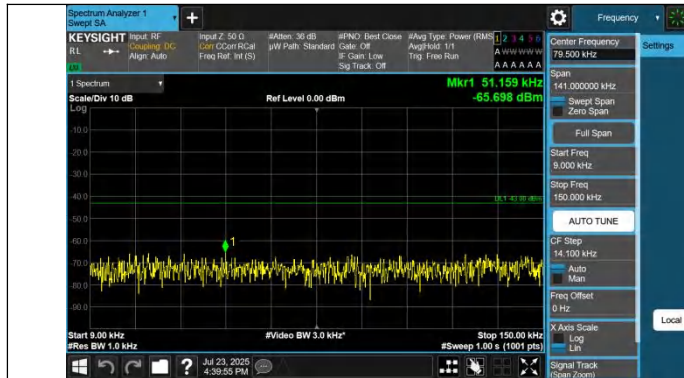




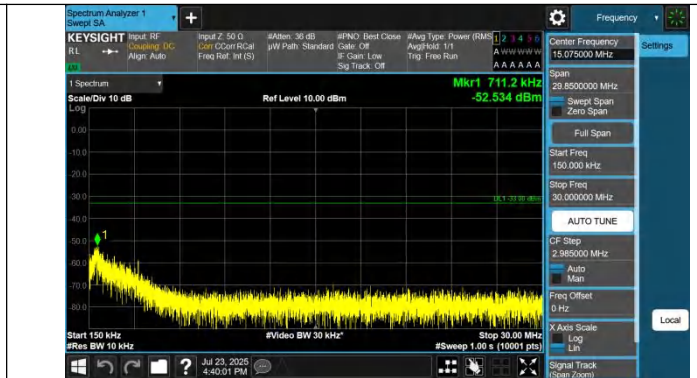


# Conducted Spurious Emission

## Test Graphs



Band4-1312-0.009~0.15MHz-PASS



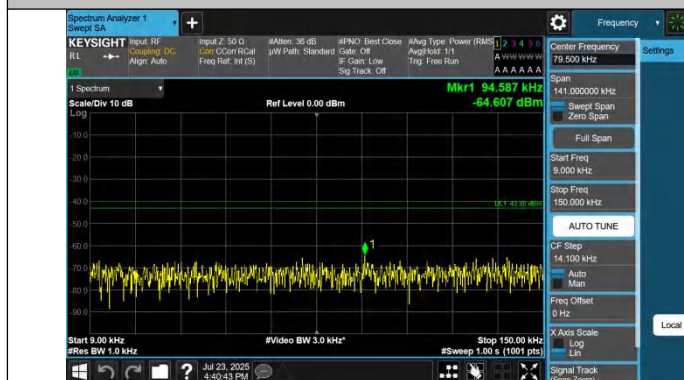
Band4-1312-0.15~30MHz-PASS



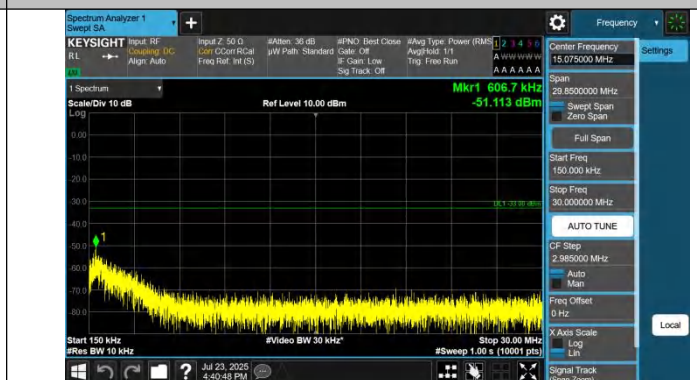
Band4-1312-30~1000MHz-PASS



Band4-1312-1000~20000MHz-PASS



Band4-1413-0.009~0.15MHz-PASS



Band4-1413-0.15~30MHz-PASS

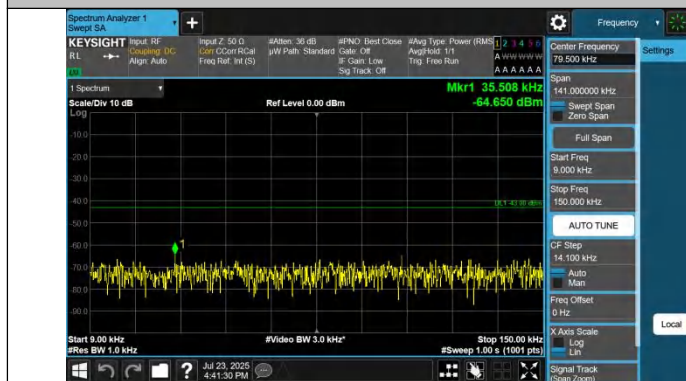




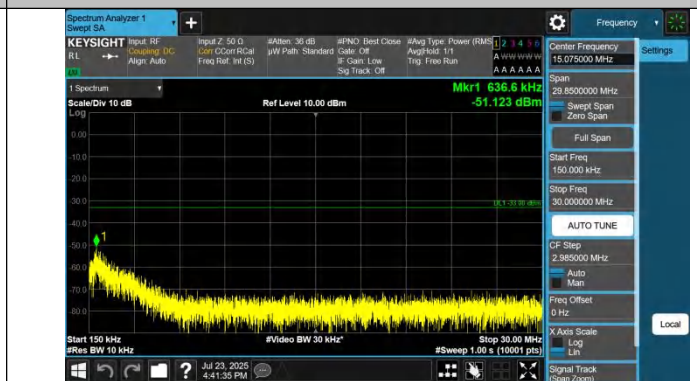
Band4-1413-30~1000MHz-PASS



Band4-1413-1000~20000MHz-PASS



Band4-1513-0.009~0.15MHz-PASS



Band4-1513-0.15~30MHz-PASS



Band4-1513-30~1000MHz-PASS



Band4-1513-1000~20000MHz-PASS

