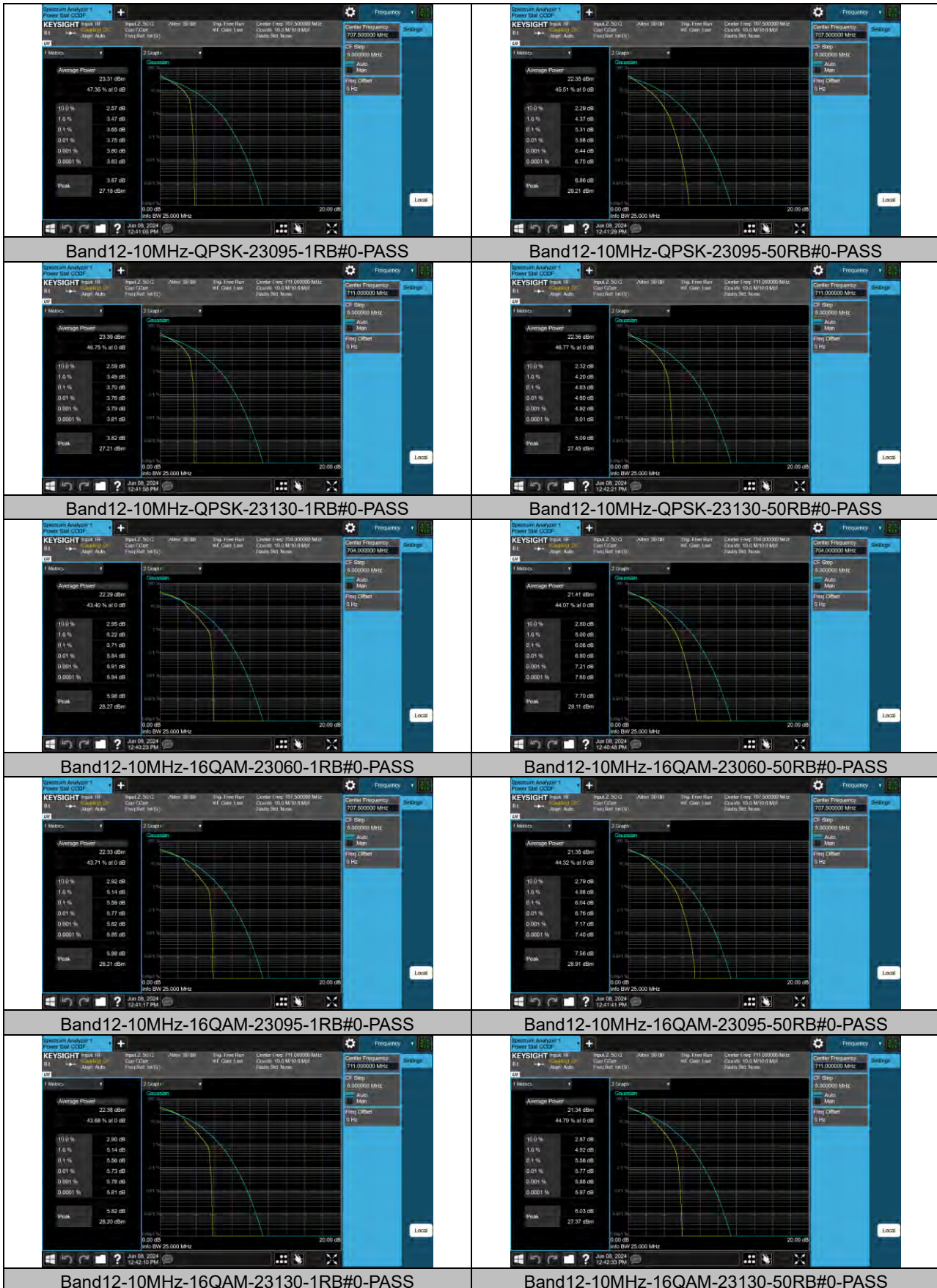


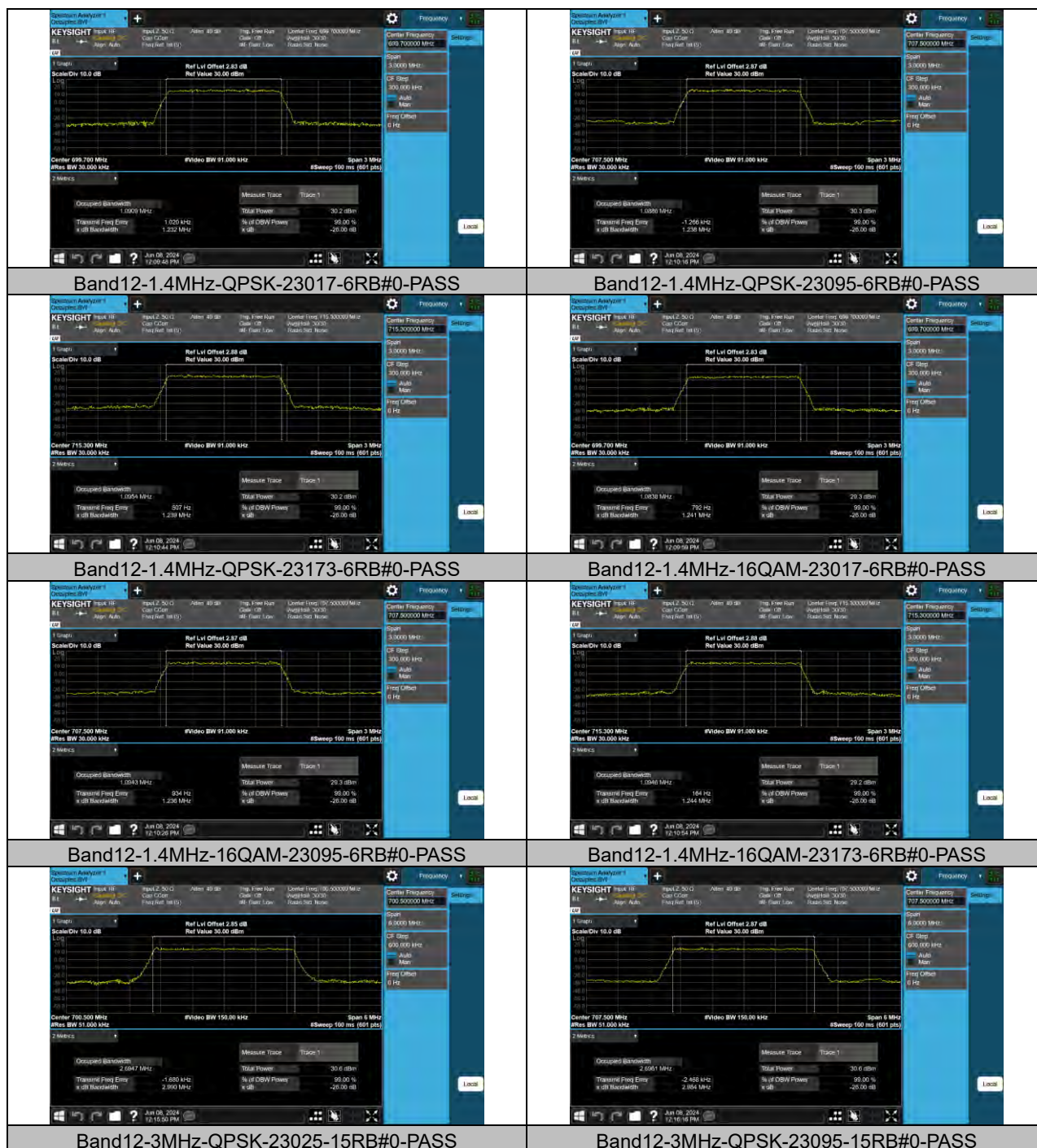


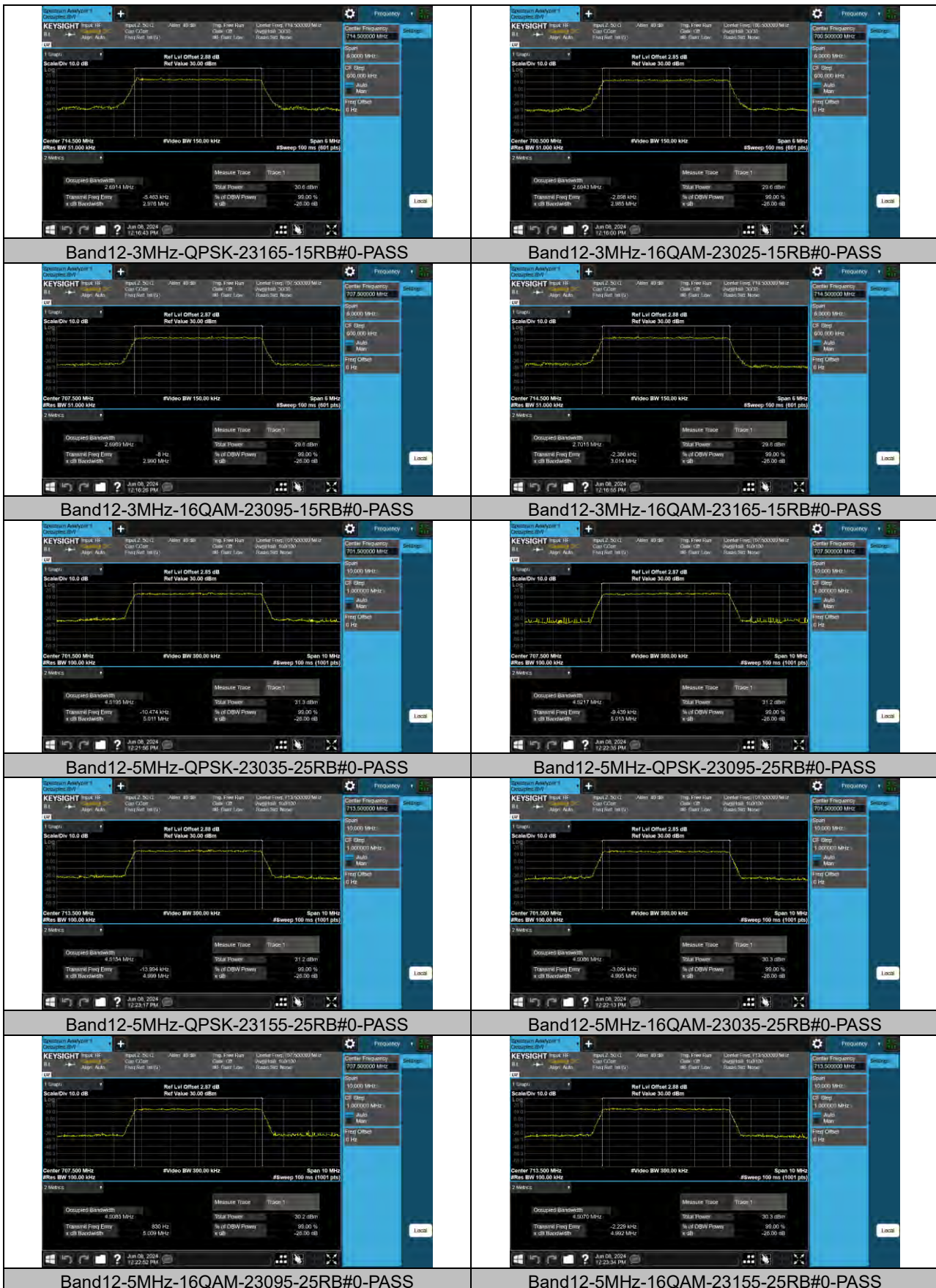
## 26DB BANDWIDTH AND OCCUPIED BANDWIDTH TEST RESULT

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | 1.0909                   | 1.232                | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | 1.0886                   | 1.238                | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | 1.0954                   | 1.239                | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | 1.0838                   | 1.241                | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | 1.0943                   | 1.236                | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 6RB#0            | 1.0946                   | 1.244                | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 15RB#0           | 2.6947                   | 2.990                | PASS    |
| Band12 | 3MHz      | QPSK       | 23095   | 15RB#0           | 2.6961                   | 2.984                | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 15RB#0           | 2.6914                   | 2.976                | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 15RB#0           | 2.6943                   | 2.985                | PASS    |
| Band12 | 3MHz      | 16QAM      | 23095   | 15RB#0           | 2.6989                   | 2.990                | PASS    |
| Band12 | 3MHz      | 16QAM      | 23165   | 15RB#0           | 2.7015                   | 3.014                | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 25RB#0           | 4.5195                   | 5.011                | PASS    |
| Band12 | 5MHz      | QPSK       | 23095   | 25RB#0           | 4.5217                   | 5.015                | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 25RB#0           | 4.5154                   | 4.999                | PASS    |
| Band12 | 5MHz      | 16QAM      | 23035   | 25RB#0           | 4.5086                   | 4.995                | PASS    |
| Band12 | 5MHz      | 16QAM      | 23095   | 25RB#0           | 4.5085                   | 5.009                | PASS    |
| Band12 | 5MHz      | 16QAM      | 23155   | 25RB#0           | 4.5070                   | 4.992                | PASS    |
| Band12 | 10MHz     | QPSK       | 23060   | 50RB#0           | 8.9987                   | 9.905                | PASS    |
| Band12 | 10MHz     | QPSK       | 23095   | 50RB#0           | 9.0032                   | 9.900                | PASS    |
| Band12 | 10MHz     | QPSK       | 23130   | 50RB#0           | 8.9826                   | 9.832                | PASS    |
| Band12 | 10MHz     | 16QAM      | 23060   | 50RB#0           | 8.9781                   | 9.832                | PASS    |
| Band12 | 10MHz     | 16QAM      | 23095   | 50RB#0           | 8.9948                   | 9.824                | PASS    |
| Band12 | 10MHz     | 16QAM      | 23130   | 50RB#0           | 8.9731                   | 9.807                | PASS    |



## TEST GRAPHS



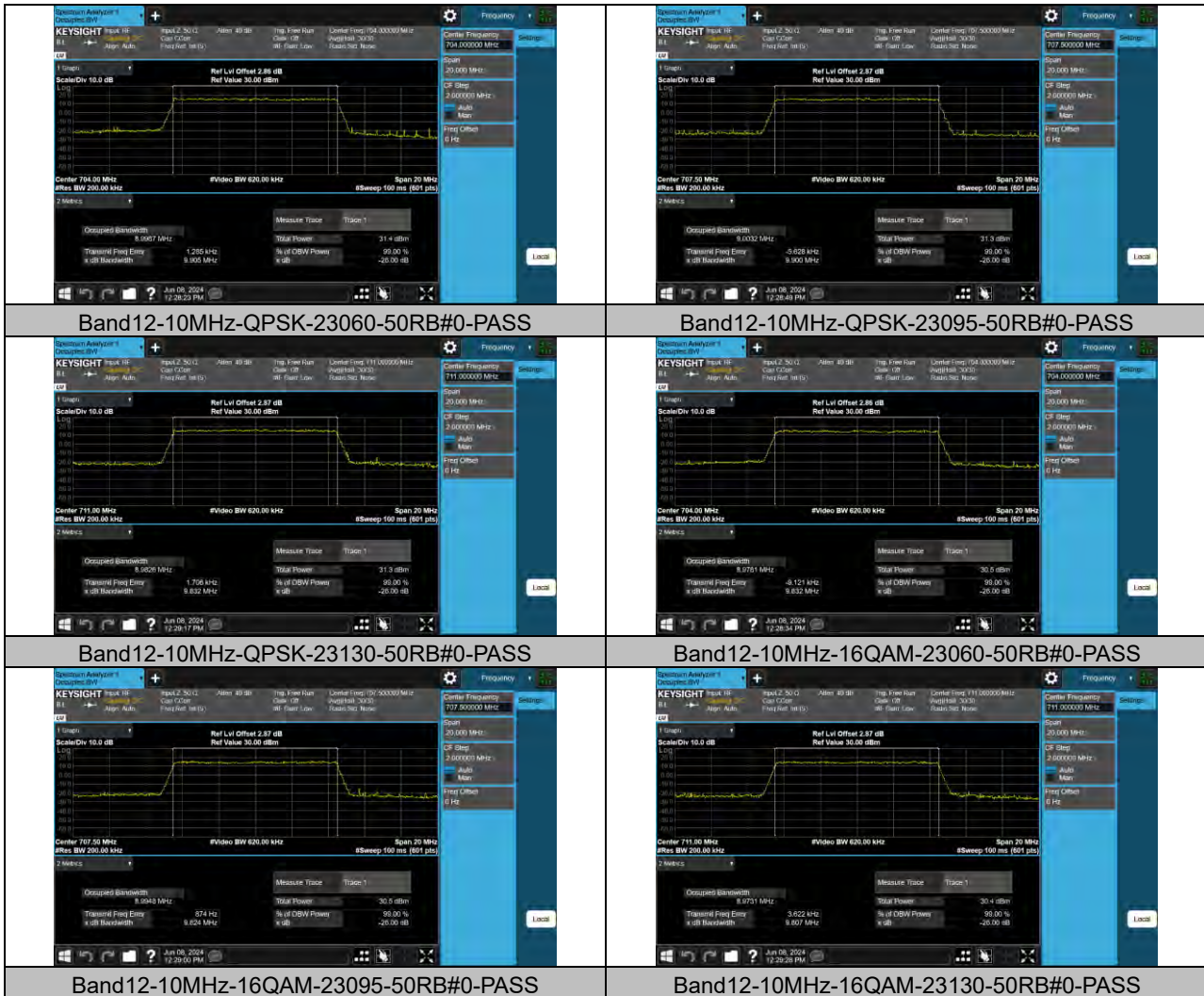






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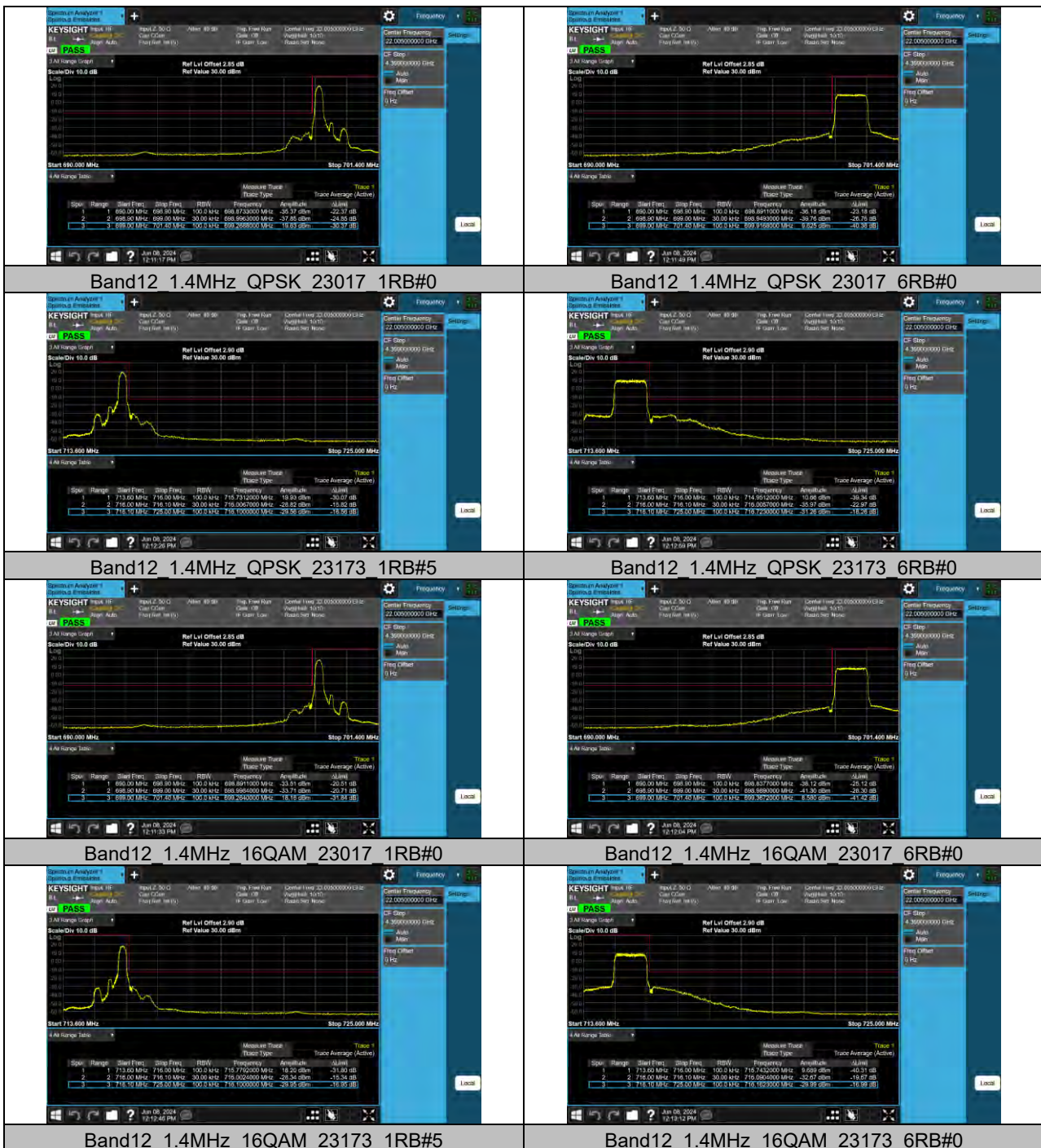
Reference No.: W7L-P24050018RF06



## BAND EDGE TEST RESULT

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#0            | -35.37      | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | -36.18      | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#5            | -28.82      | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | -31.26      | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#0            | -33.51      | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | -38.12      | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 1RB#5            | -28.34      | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 6RB#0            | -29.99      | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 1RB#0            | -24.38      | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 15RB#0           | -31.13      | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 1RB#14           | -23.63      | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 15RB#0           | -31.94      | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 1RB#0            | -24.32      | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 15RB#0           | -31.94      | PASS    |
| Band12 | 3MHz      | 16QAM      | 23165   | 1RB#14           | -24.19      | PASS    |
| Band12 | 3MHz      | 16QAM      | 23165   | 15RB#0           | -31.84      | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 1RB#0            | -28.67      | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 25RB#0           | -34.96      | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 1RB#24           | -26.44      | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 25RB#0           | -35.38      | PASS    |
| Band12 | 5MHz      | 16QAM      | 23035   | 1RB#0            | -30.86      | PASS    |
| Band12 | 5MHz      | 16QAM      | 23035   | 25RB#0           | -36.61      | PASS    |
| Band12 | 5MHz      | 16QAM      | 23155   | 1RB#24           | -29.94      | PASS    |
| Band12 | 5MHz      | 16QAM      | 23155   | 25RB#0           | -38.14      | PASS    |
| Band12 | 10MHz     | QPSK       | 23060   | 1RB#0            | -41.64      | PASS    |
| Band12 | 10MHz     | QPSK       | 23060   | 50RB#0           | -33.63      | PASS    |
| Band12 | 10MHz     | QPSK       | 23130   | 1RB#49           | -40.68      | PASS    |
| Band12 | 10MHz     | QPSK       | 23130   | 50RB#0           | -36.26      | PASS    |
| Band12 | 10MHz     | 16QAM      | 23060   | 1RB#0            | -42.15      | PASS    |
| Band12 | 10MHz     | 16QAM      | 23060   | 50RB#0           | -33.45      | PASS    |
| Band12 | 10MHz     | 16QAM      | 23130   | 1RB#49           | -40.59      | PASS    |
| Band12 | 10MHz     | 16QAM      | 23130   | 50RB#0           | -39.09      | PASS    |

## TEST GRAPHS







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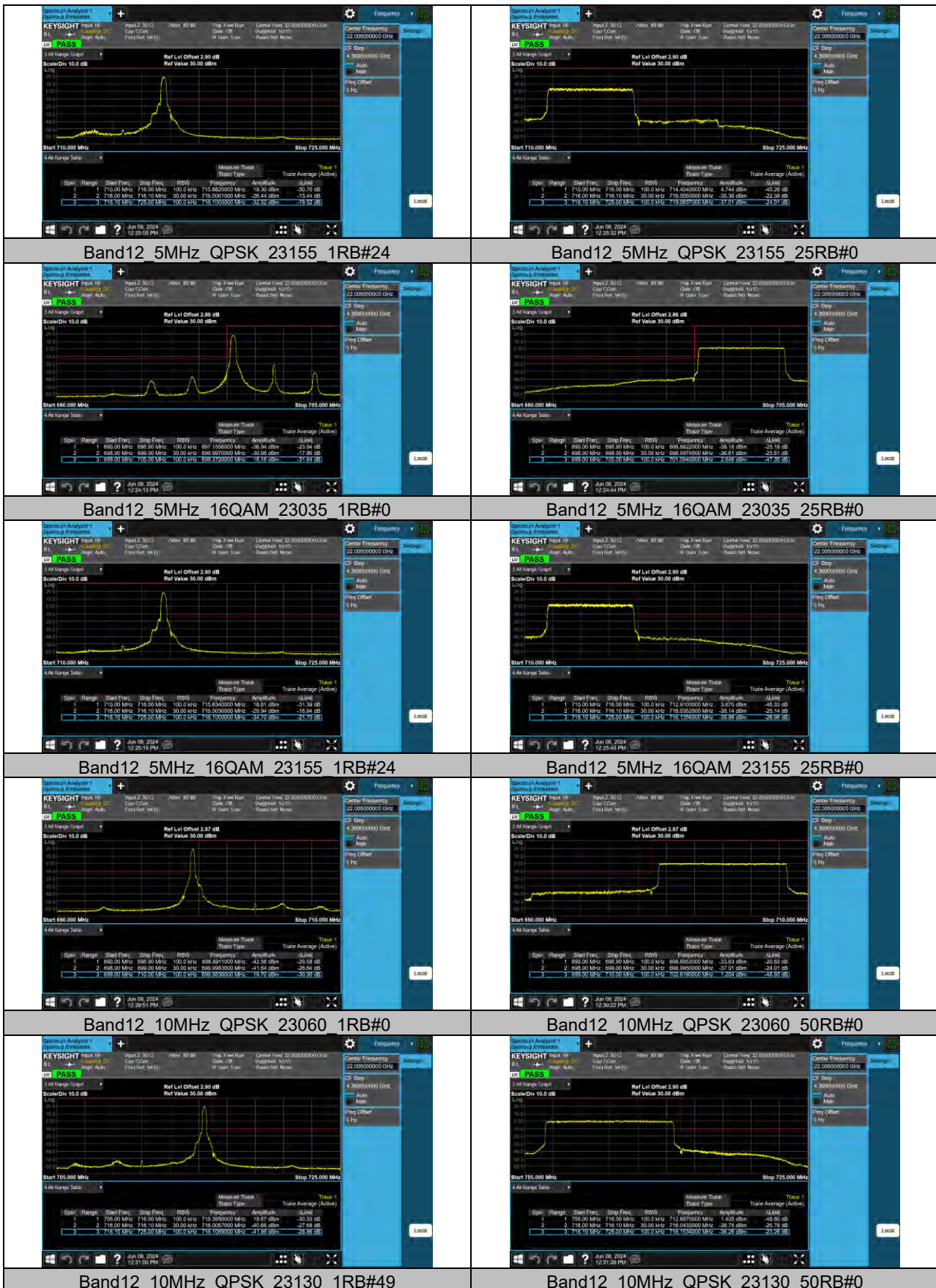






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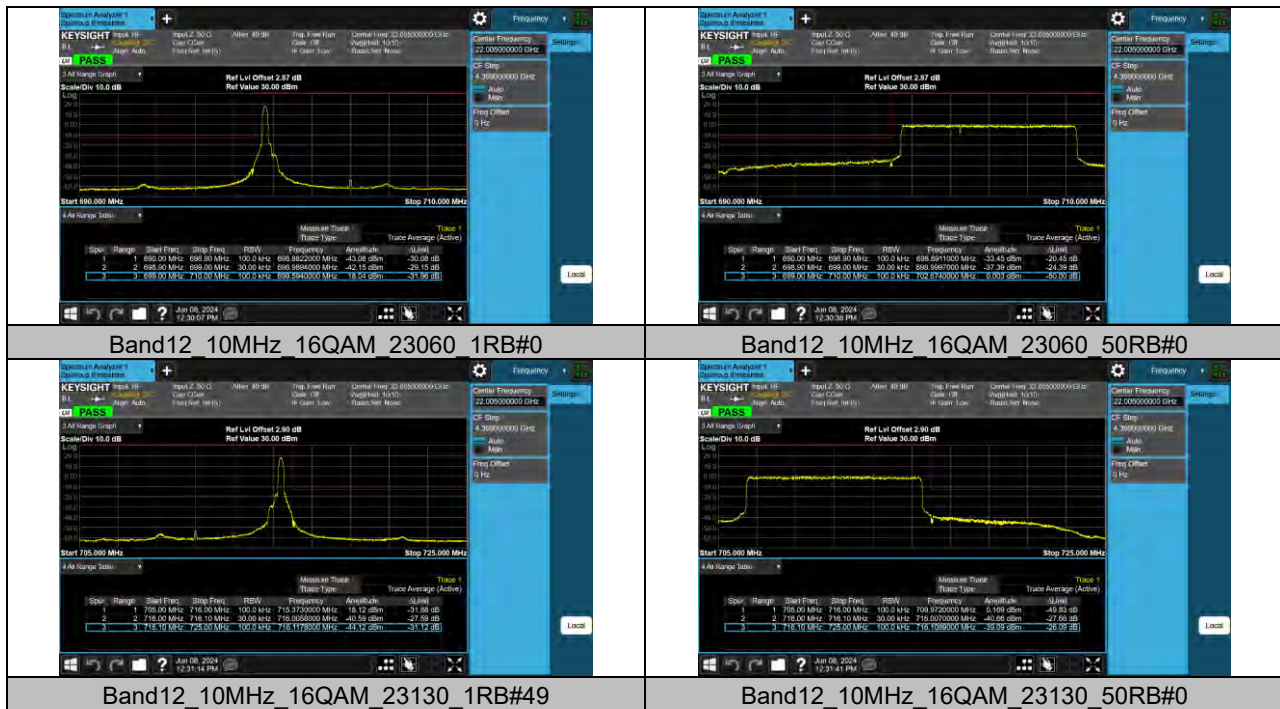
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Reference No.: W7L-P24050018RF06

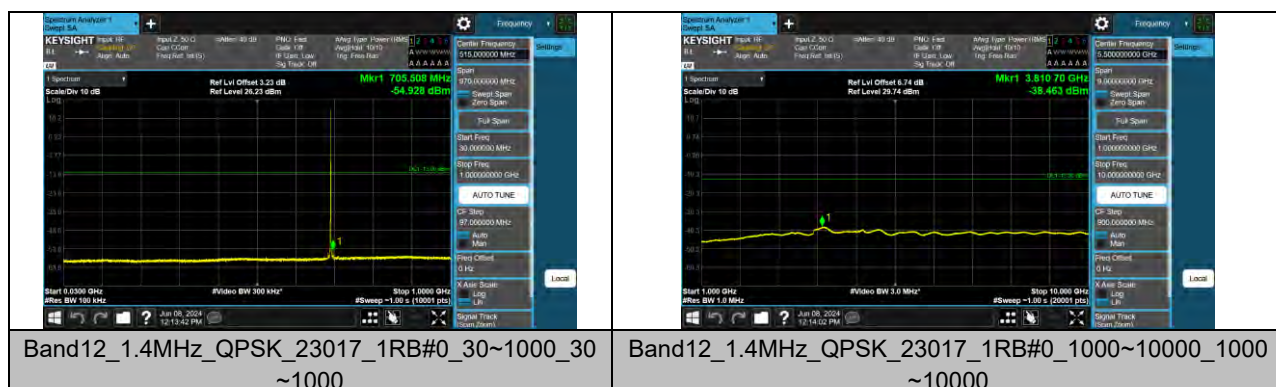




## CONDUCTED SPURIOUS EMISSION TEST RESULT

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Result (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-----------------|--------------|---------|
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#0            | 30~1000         | -54.93       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#0            | 1000~10000      | -38.46       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#0            | 30~1000         | -54.93       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#0            | 1000~10000      | -38.56       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#0            | 30~1000         | -54.34       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#0            | 1000~10000      | -38.52       | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 1RB#0            | 30~1000         | -55.55       | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 1RB#0            | 1000~10000      | -38.50       | PASS    |
| Band12 | 3MHz      | QPSK       | 23095   | 1RB#0            | 30~1000         | -55.09       | PASS    |
| Band12 | 3MHz      | QPSK       | 23095   | 1RB#0            | 1000~10000      | -38.59       | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 1RB#0            | 30~1000         | -54.25       | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 1RB#0            | 1000~10000      | -38.47       | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 1RB#0            | 30~1000         | -57.22       | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 1RB#0            | 1000~10000      | -38.47       | PASS    |
| Band12 | 5MHz      | QPSK       | 23095   | 1RB#0            | 30~1000         | -57.23       | PASS    |
| Band12 | 5MHz      | QPSK       | 23095   | 1RB#0            | 1000~10000      | -38.44       | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 1RB#0            | 30~1000         | -57.34       | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 1RB#0            | 1000~10000      | -38.45       | PASS    |
| Band12 | 10MHz     | QPSK       | 23060   | 1RB#0            | 30~1000         | -57.43       | PASS    |
| Band12 | 10MHz     | QPSK       | 23060   | 1RB#0            | 1000~10000      | -38.30       | PASS    |
| Band12 | 10MHz     | QPSK       | 23095   | 1RB#0            | 30~1000         | -57.47       | PASS    |
| Band12 | 10MHz     | QPSK       | 23095   | 1RB#0            | 1000~10000      | -38.40       | PASS    |
| Band12 | 10MHz     | QPSK       | 23130   | 1RB#0            | 30~1000         | -57.35       | PASS    |
| Band12 | 10MHz     | QPSK       | 23130   | 1RB#0            | 1000~10000      | -38.31       | PASS    |

## TEST GRAPHS





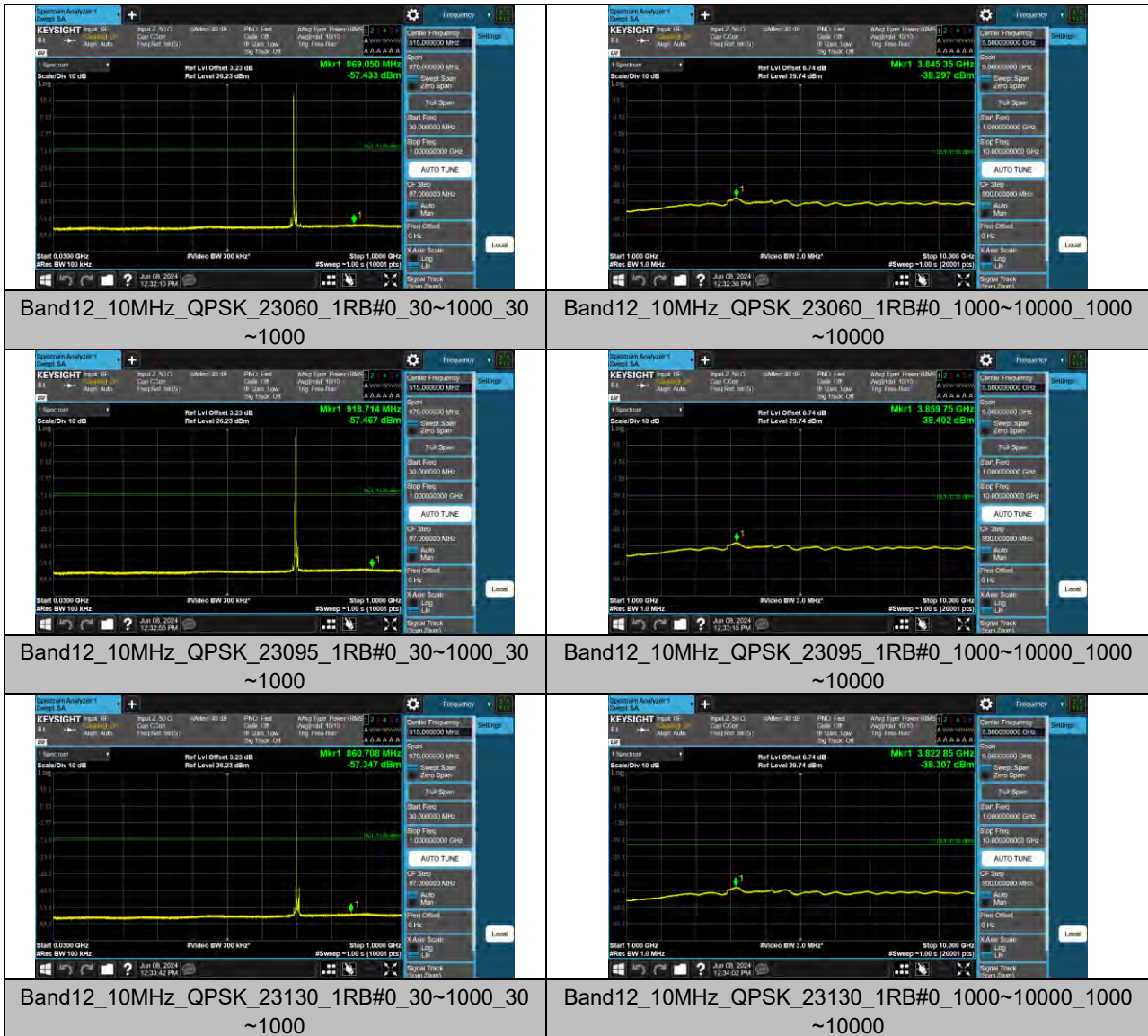






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Reference No.: W7L-P24050018RF06







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## FREQUENCY STABILITY TEST RESULT

| Voltage    |           |            |         |                  |               |                  |                |                 |           |           |             |         |
|------------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|-----------|-----------|-------------|---------|
| Band       | Bandwidth | Modulation | Channel | RB Configuration | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | FL (MHz)  | FH (MHz)  | Limit (MHz) | Verdict |
| Band1<br>2 | 10MHz     | QPSK       | 23060   | 50RB<br>#0       | VN            | NT               | -1096.80       | -1.557956       | 699.53291 | ---       | 699-716     | PASS    |
| Band1<br>2 | 10MHz     | QPSK       | 23060   | 50RB<br>#0       | VL            | NT               | 1117.68        | 1.587611        | 699.52271 | ---       | 699-716     | PASS    |
| Band1<br>2 | 10MHz     | QPSK       | 23060   | 50RB<br>#0       | VH            | NT               | -1295.68       | -1.840451       | 699.52972 | ---       | 699-716     | PASS    |
| Band1<br>2 | 10MHz     | QPSK       | 23130   | 50RB<br>#0       | VN            | NT               | 983.86         | 1.383768        | ---       | 715.46094 | 699-716     | PASS    |
| Band1<br>2 | 10MHz     | QPSK       | 23130   | 50RB<br>#0       | VL            | NT               | -1050.91       | -1.478073       | ---       | 715.46729 | 699-716     | PASS    |
| Band1<br>2 | 10MHz     | QPSK       | 23130   | 50RB<br>#0       | VH            | NT               | -1048.82       | -1.475130       | ---       | 715.46577 | 699-716     | PASS    |

| Temperature |           |            |         |                  |               |                  |                |                 |           |           |             |         |
|-------------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|-----------|-----------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configuration | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | FL (MHz)  | FH (MHz)  | Limit (MHz) | Verdict |
| Band1<br>2  | 10MHz     | QPSK       | 23060   | 50RB<br>#0       | NV            | -30              | -1064.83       | -1.512549       | 699.51979 | ---       | 699-716     | PASS    |
| Band1<br>2  | 10MHz     | QPSK       | 23060   | 50RB<br>#0       | NV            | -20              | 1241.83        | 1.763966        | 699.52503 | ---       | 699-716     | PASS    |
| Band1<br>2  | 10MHz     | QPSK       | 23060   | 50RB<br>#0       | NV            | -10              | -1256.93       | -1.785416       | 699.52867 | ---       | 699-716     | PASS    |
| Band1<br>2  | 10MHz     | QPSK       | 23060   | 50RB<br>#0       | NV            | 0                | -1342.01       | -1.906266       | 699.52154 | ---       | 699-716     | PASS    |
| Band1<br>2  | 10MHz     | QPSK       | 23060   | 50RB<br>#0       | NV            | 10               | 1209.00        | 1.717332        | 699.52111 | ---       | 699-716     | PASS    |
| Band1<br>2  | 10MHz     | QPSK       | 23060   | 50RB<br>#0       | NV            | 20               | -1253.47       | -1.780499       | 699.52721 | ---       | 699-716     | PASS    |
| Band1<br>2  | 10MHz     | QPSK       | 23060   | 50RB<br>#0       | NV            | 30               | 1188.67        | 1.688454        | 699.52007 | ---       | 699-716     | PASS    |
| Band1<br>2  | 10MHz     | QPSK       | 23060   | 50RB<br>#0       | NV            | 40               | 1167.36        | 1.658185        | 699.52243 | ---       | 699-716     | PASS    |
| Band1<br>2  | 10MHz     | QPSK       | 23060   | 50RB<br>#0       | NV            | 50               | -1214.44       | -1.725056       | 699.5308  | ---       | 699-716     | PASS    |
| Band1<br>2  | 10MHz     | QPSK       | 23130   | 50RB<br>#0       | NV            | -30              | 915.12         | 1.287089        | ---       | 715.46537 | 699-716     | PASS    |
| Band1<br>2  | 10MHz     | QPSK       | 23130   | 50RB<br>#0       | NV            | -20              | -1058.62       | -1.488915       | ---       | 715.46574 | 699-716     | PASS    |
| Band1<br>2  | 10MHz     | QPSK       | 23130   | 50RB<br>#0       | NV            | -10              | -1122.88       | -1.579295       | ---       | 715.46351 | 699-716     | PASS    |
| Band1       | 10MHz     | QPSK       | 23130   | 50RB             | NV            | 0                | 1051.          | 1.479           | ---       | 715.4     | 699-7       | PASS    |



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|            |           |      |       |            |    |    |              |               |     |               |             |      |
|------------|-----------|------|-------|------------|----|----|--------------|---------------|-----|---------------|-------------|------|
| 2          | z         |      |       | #0         |    |    | 93           | 507           |     | 6448          | 16          |      |
| Band1<br>2 | 10MH<br>z | QPSK | 23130 | 50RB<br>#0 | NV | 10 | 1200.<br>28  | 1.688<br>164  | --- | 715.4<br>6373 | 699-7<br>16 | PASS |
| Band1<br>2 | 10MH<br>z | QPSK | 23130 | 50RB<br>#0 | NV | 20 | -437.1<br>6  | -0.614<br>848 | --- | 715.4<br>6857 | 699-7<br>16 | PASS |
| Band1<br>2 | 10MH<br>z | QPSK | 23130 | 50RB<br>#0 | NV | 30 | -496.9<br>8  | -0.698<br>988 | --- | 715.4<br>6579 | 699-7<br>16 | PASS |
| Band1<br>2 | 10MH<br>z | QPSK | 23130 | 50RB<br>#0 | NV | 40 | -1401.<br>14 | -1.970<br>656 | --- | 715.4<br>6496 | 699-7<br>16 | PASS |
| Band1<br>2 | 10MH<br>z | QPSK | 23130 | 50RB<br>#0 | NV | 50 | -1469.<br>84 | -2.067<br>283 | --- | 715.4<br>6486 | 699-7<br>16 | PASS |





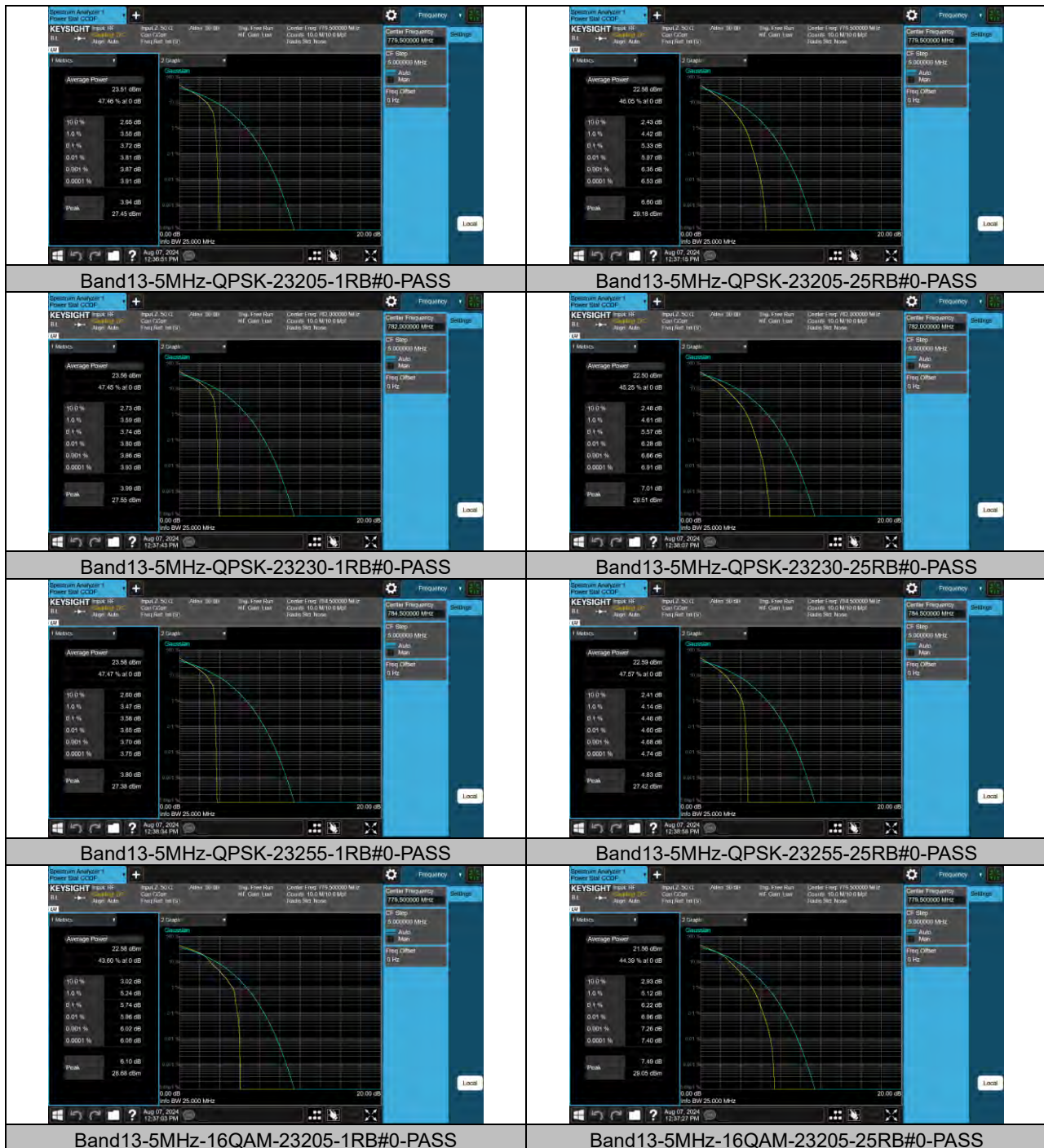
Reference No.: W7L-P24050018RF06

## LTE BAND 13

### PEAK-TO-AVERAGE RATIO(CCDF) TEST RESULT

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#0            | 3.72       | 13        | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 25RB#0           | 5.33       | 13        | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 1RB#0            | 3.74       | 13        | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 25RB#0           | 5.57       | 13        | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 1RB#0            | 3.58       | 13        | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 25RB#0           | 4.48       | 13        | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 1RB#0            | 5.74       | 13        | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 25RB#0           | 6.22       | 13        | PASS    |
| Band13 | 5MHz      | 16QAM      | 23230   | 1RB#0            | 5.76       | 13        | PASS    |
| Band13 | 5MHz      | 16QAM      | 23230   | 25RB#0           | 6.25       | 13        | PASS    |
| Band13 | 5MHz      | 16QAM      | 23255   | 1RB#0            | 5.64       | 13        | PASS    |
| Band13 | 5MHz      | 16QAM      | 23255   | 25RB#0           | 5.55       | 13        | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 1RB#0            | 3.75       | 13        | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 50RB#0           | 5.41       | 13        | PASS    |
| Band13 | 10MHz     | 16QAM      | 23230   | 1RB#0            | 5.62       | 13        | PASS    |
| Band13 | 10MHz     | 16QAM      | 23230   | 50RB#0           | 6.18       | 13        | PASS    |

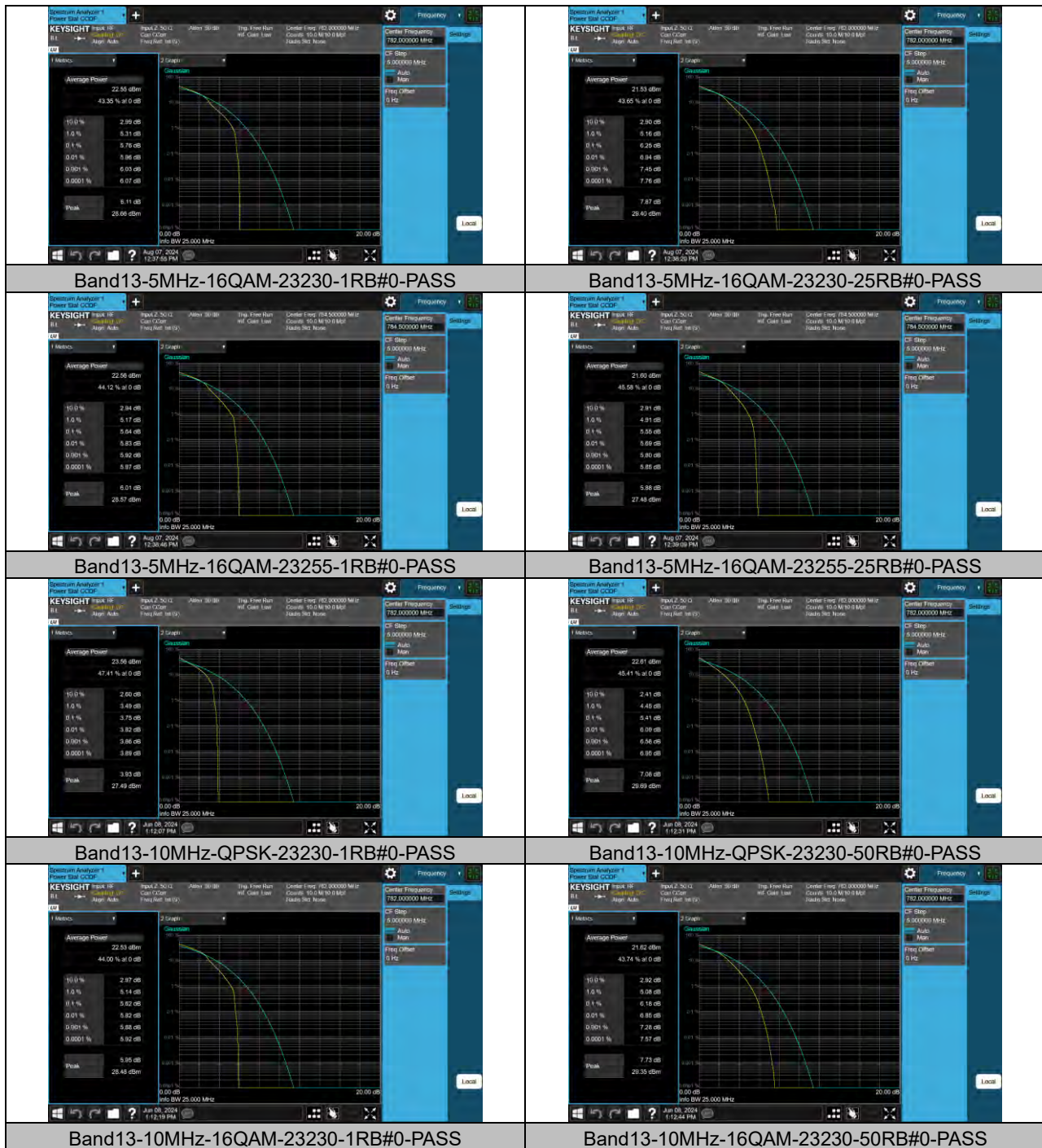
## TEST GRAPHS





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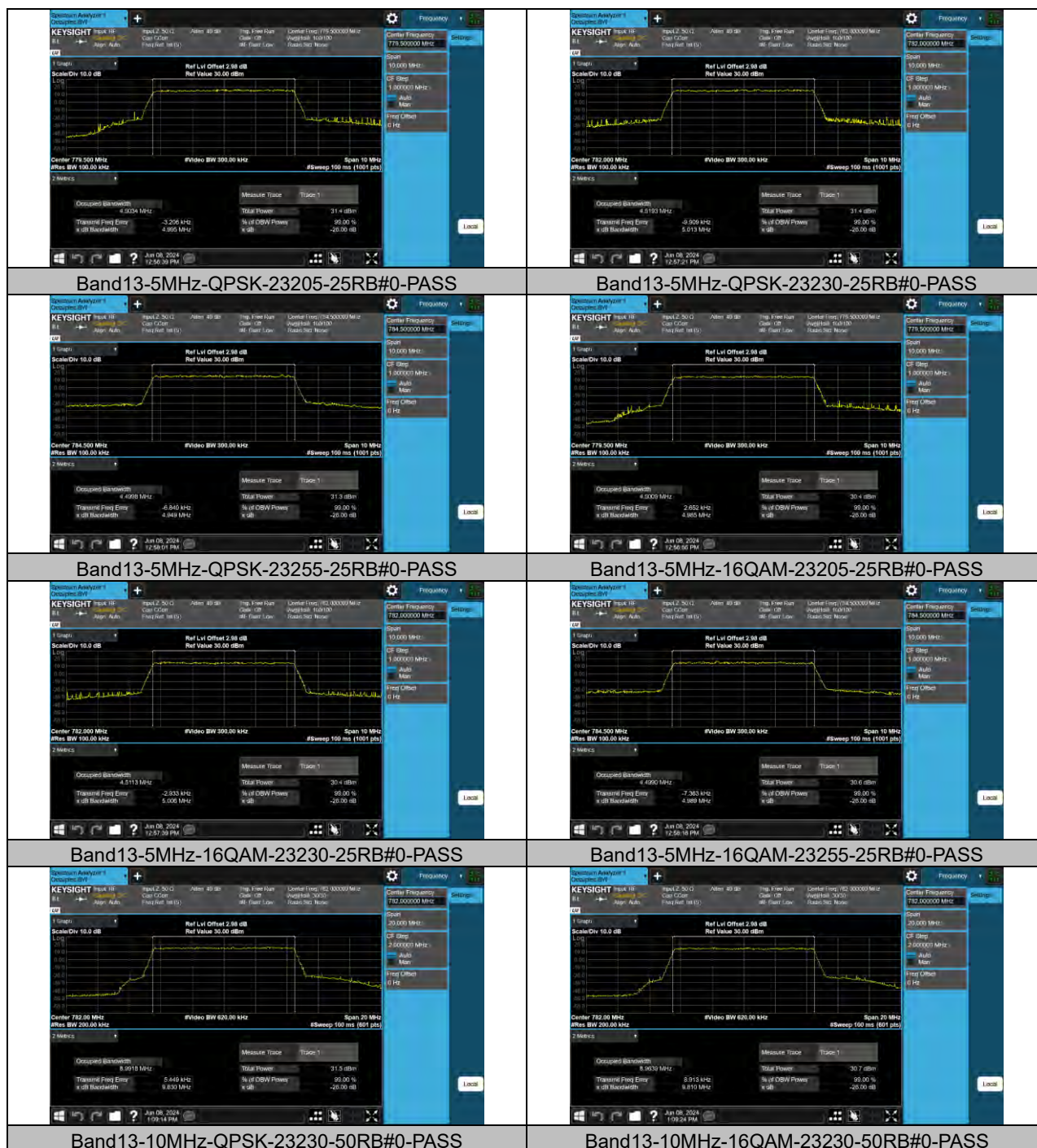




## 26DB BANDWIDTH AND OCCUPIED BANDWIDTH TEST RESULT

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied<br>Bandwidth<br>(MHz) | 26dB Bandwidth<br>(MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------------|-------------------------|---------|
| Band13 | 5MHz      | QPSK       | 23205   | 25RB#0           | 4.5034                         | 4.995                   | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 25RB#0           | 4.5193                         | 5.013                   | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 25RB#0           | 4.4998                         | 4.949                   | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 25RB#0           | 4.5009                         | 4.985                   | PASS    |
| Band13 | 5MHz      | 16QAM      | 23230   | 25RB#0           | 4.5113                         | 5.006                   | PASS    |
| Band13 | 5MHz      | 16QAM      | 23255   | 25RB#0           | 4.4990                         | 4.989                   | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 50RB#0           | 8.9918                         | 9.830                   | PASS    |
| Band13 | 10MHz     | 16QAM      | 23230   | 50RB#0           | 8.9639                         | 9.810                   | PASS    |

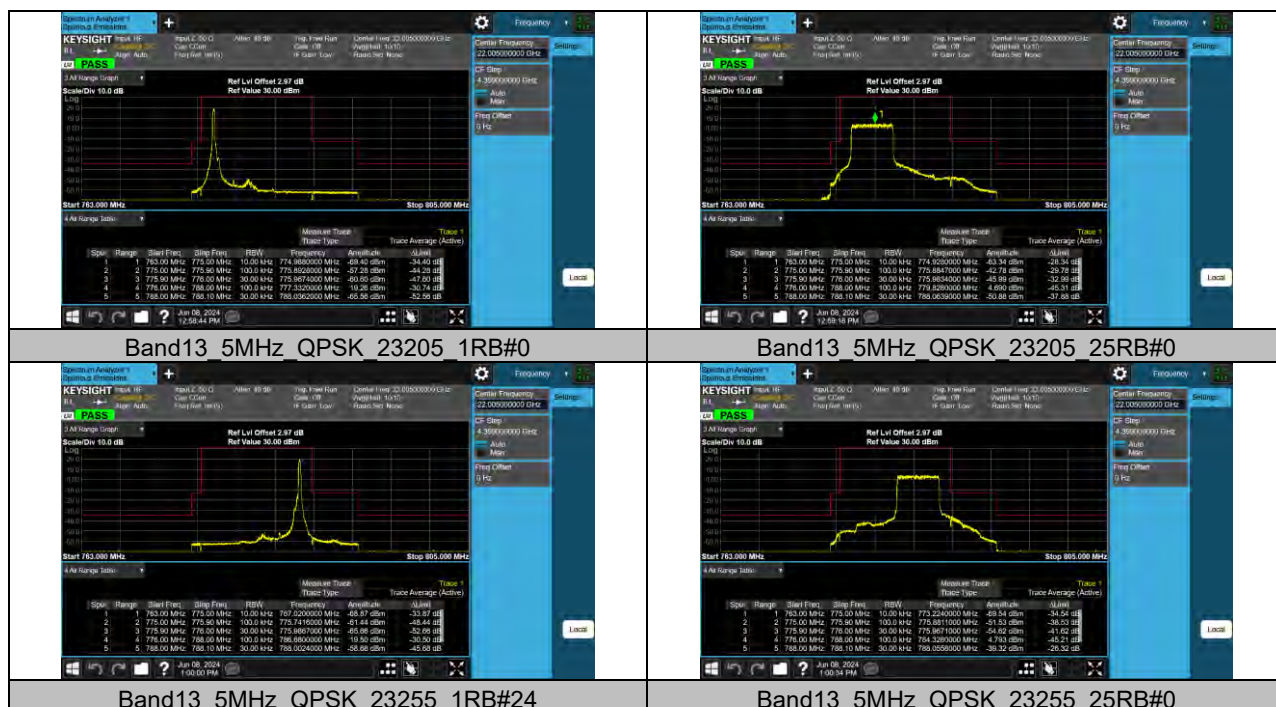
## TEST GRAPHS



## BAND EDGE TEST RESULT

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#0            | -68.86      | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 25RB#0           | -63.34      | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 1RB#24           | -68.39      | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 25RB#0           | -35.47      | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 1RB#0            | -69.30      | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 25RB#0           | -64.12      | PASS    |
| Band13 | 5MHz      | 16QAM      | 23255   | 1RB#24           | -68.09      | PASS    |
| Band13 | 5MHz      | 16QAM      | 23255   | 25RB#0           | -38.14      | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 1RB#0            | -68.83      | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 1RB#49           | -68.26      | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 50RB#0           | -37.57      | PASS    |
| Band13 | 10MHz     | 16QAM      | 23230   | 1RB#0            | -68.90      | PASS    |
| Band13 | 10MHz     | 16QAM      | 23230   | 1RB#49           | -68.92      | PASS    |
| Band13 | 10MHz     | 16QAM      | 23230   | 50RB#0           | -38.76      | PASS    |

## TEST GRAPHS

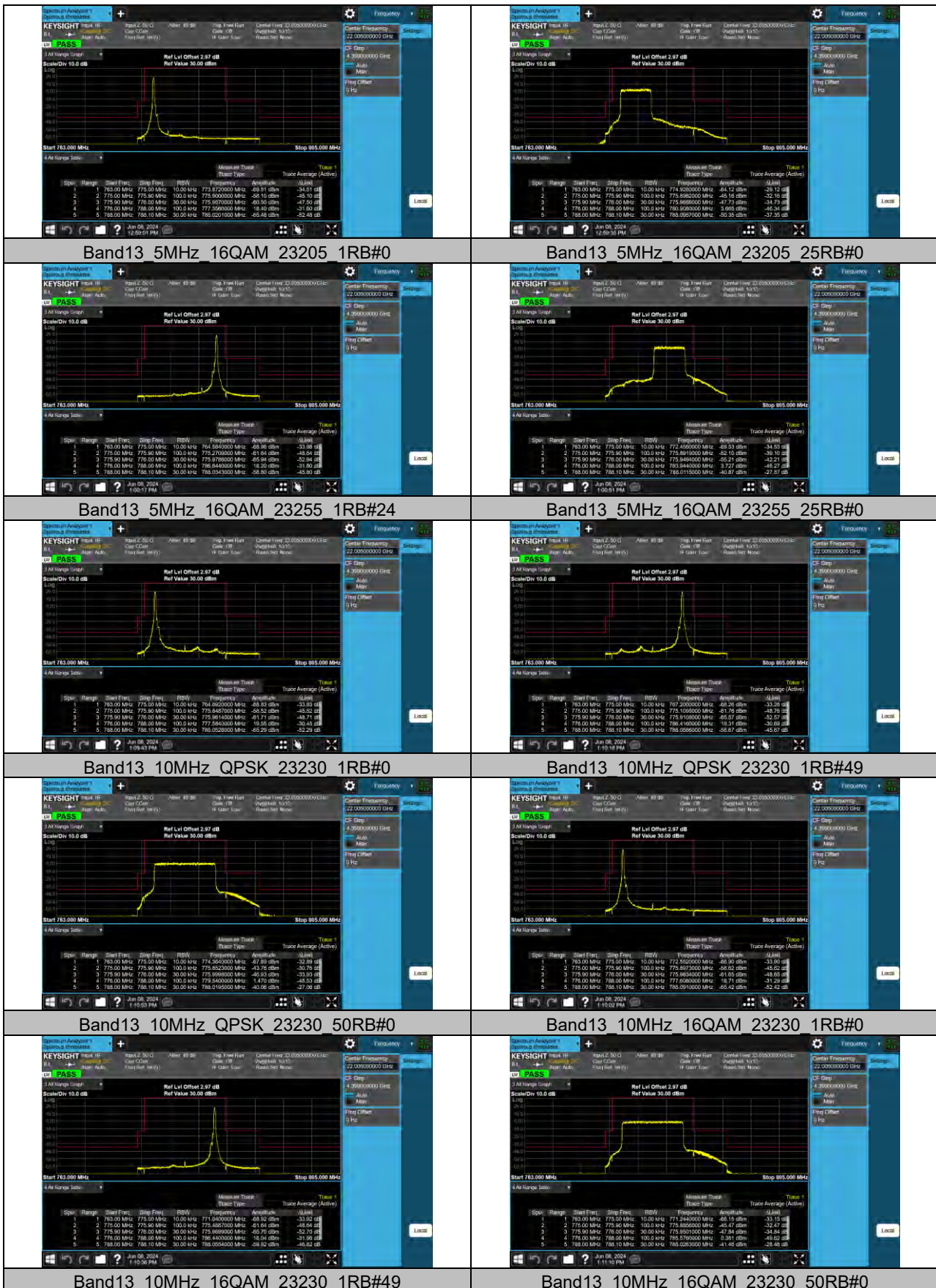






**BUREAU  
VERITAS**

Reference No.: W7L-P24050018RF06



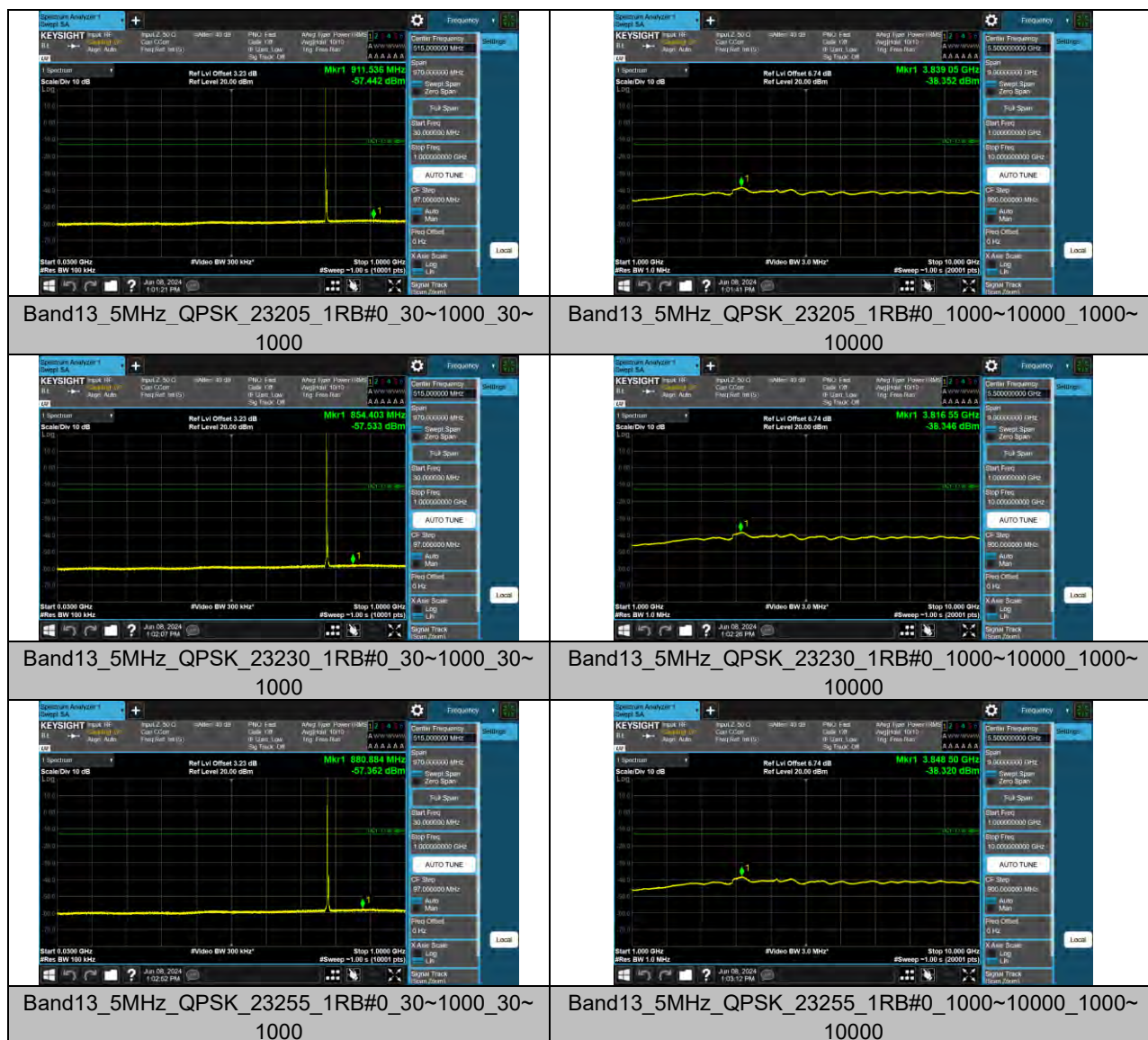


Reference No.: W7L-P24050018RF06

## CONDUCTED SPURIOUS EMISSION TEST RESULT

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Result (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-----------------|--------------|---------|
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#0            | 30~1000         | -57.44       | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#0            | 1000~10000      | -38.35       | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 1RB#0            | 30~1000         | -57.53       | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 1RB#0            | 1000~10000      | -38.35       | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 1RB#0            | 30~1000         | -57.36       | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 1RB#0            | 1000~10000      | -38.32       | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 1RB#0            | 30~1000         | -57.25       | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 1RB#0            | 1000~10000      | -38.31       | PASS    |

## TEST GRAPHS







BUREAU  
VERITAS

Reference No.: W7L-P24050018RF06



Band13\_10MHz\_QPSK\_23230\_1RB#0\_30~1000\_30  
~1000



Band13\_10MHz\_QPSK\_23230\_1RB#0\_1000~10000\_1000  
~10000





Reference No.: W7L-P24050018RF06

## FREQUENCY STABILITY TEST RESULT

| Voltage |           |            |         |                  |               |                  |                |                 |           |           |             |         |
|---------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|-----------|-----------|-------------|---------|
| Band    | Bandwidth | Modulation | Channel | RB Configuration | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | FL (MHz)  | FH (MHz)  | Limit (MHz) | Verdict |
| Band13  | 5MHz      | QPSK       | 23205   | 25RB #0          | VN            | NT               | -943.50        | -1.206527       | 777.2666  | ---       | 777-787     | PASS    |
| Band13  | 5MHz      | QPSK       | 23205   | 25RB #0          | VL            | NT               | 290.00         | 0.372033        | 777.26184 | ---       | 777-787     | PASS    |
| Band13  | 5MHz      | QPSK       | 23205   | 25RB #0          | VH            | NT               | -710.00        | -0.910840       | 777.26089 | ---       | 777-787     | PASS    |
| Band13  | 5MHz      | QPSK       | 23255   | 25RB #0          | VN            | NT               | 953.65         | 1.337521        | ---       | 786.73419 | 777-787     | PASS    |
| Band13  | 5MHz      | QPSK       | 23255   | 25RB #0          | VL            | NT               | -1002.11       | -1.405487       | ---       | 786.73452 | 777-787     | PASS    |
| Band13  | 5MHz      | QPSK       | 23255   | 25RB #0          | VH            | NT               | -1053.19       | -1.477124       | ---       | 786.7343  | 777-787     | PASS    |

| Temperature |           |            |         |                  |               |                  |                |                 |           |           |             |         |
|-------------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|-----------|-----------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configuration | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | FL (MHz)  | FH (MHz)  | Limit (MHz) | Verdict |
| Band13      | 5MHz      | QPSK       | 23205   | 25RB #0          | NV            | -30              | 1040.00        | 1.334189        | 777.26404 | ---       | 777-787     | PASS    |
| Band13      | 5MHz      | QPSK       | 23205   | 25RB #0          | NV            | -20              | 1900.00        | 2.437460        | 777.265   | ---       | 777-787     | PASS    |
| Band13      | 5MHz      | QPSK       | 23205   | 25RB #0          | NV            | -10              | 930.00         | 1.193072        | 777.26343 | ---       | 777-787     | PASS    |
| Band13      | 5MHz      | QPSK       | 23205   | 25RB #0          | NV            | 0                | -1370.00       | -1.757537       | 777.26088 | ---       | 777-787     | PASS    |
| Band13      | 5MHz      | QPSK       | 23205   | 25RB #0          | NV            | 10               | 910.00         | 1.167415        | 777.26326 | ---       | 777-787     | PASS    |
| Band13      | 5MHz      | QPSK       | 23205   | 25RB #0          | NV            | 20               | 520.00         | 0.667094        | 777.26427 | ---       | 777-787     | PASS    |
| Band13      | 5MHz      | QPSK       | 23205   | 25RB #0          | NV            | 30               | -920.00        | -1.180244       | 777.26068 | ---       | 777-787     | PASS    |
| Band13      | 5MHz      | QPSK       | 23205   | 25RB #0          | NV            | 40               | -570.00        | -0.731238       | 777.26093 | ---       | 777-787     | PASS    |
| Band13      | 5MHz      | QPSK       | 23205   | 25RB #0          | NV            | 50               | 30.00          | 0.038486        | 777.26313 | ---       | 777-787     | PASS    |
| Band13      | 5MHz      | QPSK       | 23255   | 25RB #0          | NV            | -30              | 1003.30        | 1.407146        | ---       | 786.73489 | 777-787     | PASS    |
| Band13      | 5MHz      | QPSK       | 23255   | 25RB #0          | NV            | -20              | -1133.57       | -1.589864       | ---       | 786.73545 | 777-787     | PASS    |
| Band13      | 5MHz      | QPSK       | 23255   | 25RB #0          | NV            | -10              | -1191.36       | -1.670913       | ---       | 786.73369 | 777-787     | PASS    |
| Band13      | 5MHz      | QPSK       | 23255   | 25RB #0          | NV            | 0                | 1149.9         | 1.612           | ---       | 786.7     | 777-787     | PASS    |



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|            |      |      |       |            |    |    |              |               |     |               |             |      |
|------------|------|------|-------|------------|----|----|--------------|---------------|-----|---------------|-------------|------|
| 3          |      |      |       | #0         |    |    | 8            | 870           |     | 3288          | 87          |      |
| Band1<br>3 | 5MHz | QPSK | 23255 | 25RB<br>#0 | NV | 10 | 1267.<br>16  | 1.777<br>217  | --- | 786.7<br>3594 | 777-7<br>87 | PASS |
| Band1<br>3 | 5MHz | QPSK | 23255 | 25RB<br>#0 | NV | 20 | -334.5<br>7  | -0.469<br>250 | --- | 786.7<br>3325 | 777-7<br>87 | PASS |
| Band1<br>3 | 5MHz | QPSK | 23255 | 25RB<br>#0 | NV | 30 | -338.6<br>7  | -0.474<br>986 | --- | 786.7<br>3457 | 777-7<br>87 | PASS |
| Band1<br>3 | 5MHz | QPSK | 23255 | 25RB<br>#0 | NV | 40 | -1413.<br>96 | -1.983<br>119 | --- | 786.7<br>346  | 777-7<br>87 | PASS |
| Band1<br>3 | 5MHz | QPSK | 23255 | 25RB<br>#0 | NV | 50 | -1388.<br>91 | -1.947<br>983 | --- | 786.7<br>3595 | 777-7<br>87 | PASS |



Reference No.: W7L-P24050018RF06

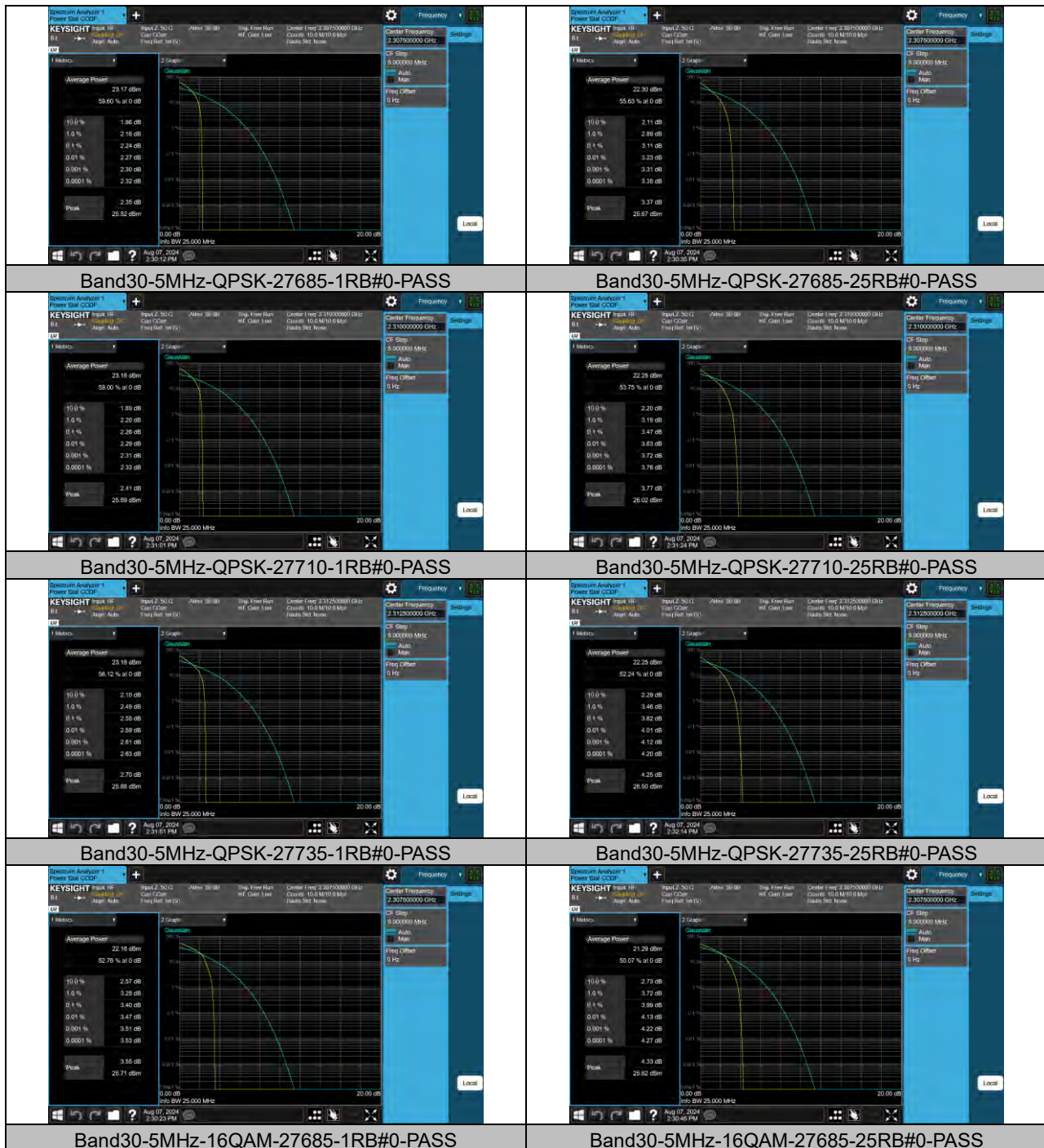
## LTE BAND 30

### PEAK-TO-AVERAGE RATIO(CCDF) TEST RESULT

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band30 | 5MHz      | QPSK       | 27685   | 1RB#0            | 2.24       | 13        | PASS    |
| Band30 | 5MHz      | QPSK       | 27685   | 25RB#0           | 3.11       | 13        | PASS    |
| Band30 | 5MHz      | QPSK       | 27710   | 1RB#0            | 2.26       | 13        | PASS    |
| Band30 | 5MHz      | QPSK       | 27710   | 25RB#0           | 3.47       | 13        | PASS    |
| Band30 | 5MHz      | QPSK       | 27735   | 1RB#0            | 2.55       | 13        | PASS    |
| Band30 | 5MHz      | QPSK       | 27735   | 25RB#0           | 3.82       | 13        | PASS    |
| Band30 | 5MHz      | 16QAM      | 27685   | 1RB#0            | 3.40       | 13        | PASS    |
| Band30 | 5MHz      | 16QAM      | 27685   | 25RB#0           | 3.99       | 13        | PASS    |
| Band30 | 5MHz      | 16QAM      | 27710   | 1RB#0            | 3.40       | 13        | PASS    |
| Band30 | 5MHz      | 16QAM      | 27710   | 25RB#0           | 4.37       | 13        | PASS    |
| Band30 | 5MHz      | 16QAM      | 27735   | 1RB#0            | 3.86       | 13        | PASS    |
| Band30 | 5MHz      | 16QAM      | 27735   | 25RB#0           | 4.73       | 13        | PASS    |
| Band30 | 10MHz     | QPSK       | 27710   | 1RB#0            | 2.19       | 13        | PASS    |
| Band30 | 10MHz     | QPSK       | 27710   | 50RB#0           | 3.67       | 13        | PASS    |
| Band30 | 10MHz     | 16QAM      | 27710   | 1RB#0            | 3.34       | 13        | PASS    |
| Band30 | 10MHz     | 16QAM      | 27710   | 50RB#0           | 4.57       | 13        | PASS    |



## TEST GRAPHS





## 26DB BANDWIDTH AND OCCUPIED BANDWIDTH TEST RESULT

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied<br>Bandwidth<br>(MHz) | 26dB Bandwidth<br>(MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------------|-------------------------|---------|
| Band30 | 5MHz      | QPSK       | 27685   | 25RB#0           | 4.5142                         | 4.987                   | PASS    |
| Band30 | 5MHz      | QPSK       | 27710   | 25RB#0           | 4.5273                         | 5.070                   | PASS    |
| Band30 | 5MHz      | QPSK       | 27735   | 25RB#0           | 4.5055                         | 4.972                   | PASS    |
| Band30 | 5MHz      | 16QAM      | 27685   | 25RB#0           | 4.5189                         | 4.988                   | PASS    |
| Band30 | 5MHz      | 16QAM      | 27710   | 25RB#0           | 4.5209                         | 5.027                   | PASS    |
| Band30 | 5MHz      | 16QAM      | 27735   | 25RB#0           | 4.5103                         | 4.996                   | PASS    |
| Band30 | 10MHz     | QPSK       | 27710   | 50RB#0           | 9.0143                         | 9.923                   | PASS    |
| Band30 | 10MHz     | 16QAM      | 27710   | 50RB#0           | 9.0183                         | 9.835                   | PASS    |