

## LTE BAND7

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

#### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | 3.85       | 13        | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0           | 5.61       | 13        | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | 3.84       | 13        | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#0           | 5.54       | 13        | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | 3.89       | 13        | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0           | 5.62       | 13        | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | 5.73       | 13        | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0           | 6.50       | 13        | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#0            | 5.46       | 13        | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 25RB#0           | 6.32       | 13        | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#0            | 5.49       | 13        | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 25RB#0           | 6.43       | 13        | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 1RB#0            | 3.79       | 13        | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 50RB#0           | 5.63       | 13        | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 1RB#0            | 3.75       | 13        | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 50RB#0           | 5.55       | 13        | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 1RB#0            | 3.87       | 13        | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 50RB#0           | 5.63       | 13        | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 1RB#0            | 5.65       | 13        | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 50RB#0           | 6.45       | 13        | PASS    |
| Band7 | 10MHz     | 16QAM      | 21100   | 1RB#0            | 5.53       | 13        | PASS    |
| Band7 | 10MHz     | 16QAM      | 21100   | 50RB#0           | 6.34       | 13        | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 1RB#0            | 5.71       | 13        | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 50RB#0           | 6.36       | 13        | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 1RB#0            | 3.74       | 13        | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 75RB#0           | 5.78       | 13        | PASS    |
| Band7 | 15MHz     | QPSK       | 21100   | 1RB#0            | 3.74       | 13        | PASS    |
| Band7 | 15MHz     | QPSK       | 21100   | 75RB#0           | 5.68       | 13        | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 1RB#0            | 3.81       | 13        | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 75RB#0           | 5.81       | 13        | PASS    |
| Band7 | 15MHz     | 16QAM      | 20825   | 1RB#0            | 5.50       | 13        | PASS    |
| Band7 | 15MHz     | 16QAM      | 20825   | 75RB#0           | 6.43       | 13        | PASS    |
| Band7 | 15MHz     | 16QAM      | 21100   | 1RB#0            | 5.42       | 13        | PASS    |
| Band7 | 15MHz     | 16QAM      | 21100   | 75RB#0           | 6.36       | 13        | PASS    |
| Band7 | 15MHz     | 16QAM      | 21375   | 1RB#0            | 5.65       | 13        | PASS    |
| Band7 | 15MHz     | 16QAM      | 21375   | 75RB#0           | 6.47       | 13        | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 1RB#0            | 3.77       | 13        | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 100RB#0          | 5.47       | 13        | PASS    |
| Band7 | 20MHz     | QPSK       | 21100   | 1RB#0            | 3.75       | 13        | PASS    |
| Band7 | 20MHz     | QPSK       | 21100   | 100RB#0          | 5.41       | 13        | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 1RB#0            | 3.84       | 13        | PASS    |



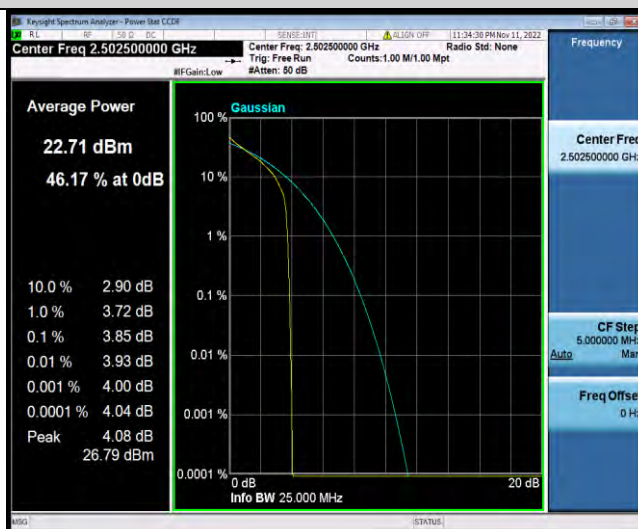
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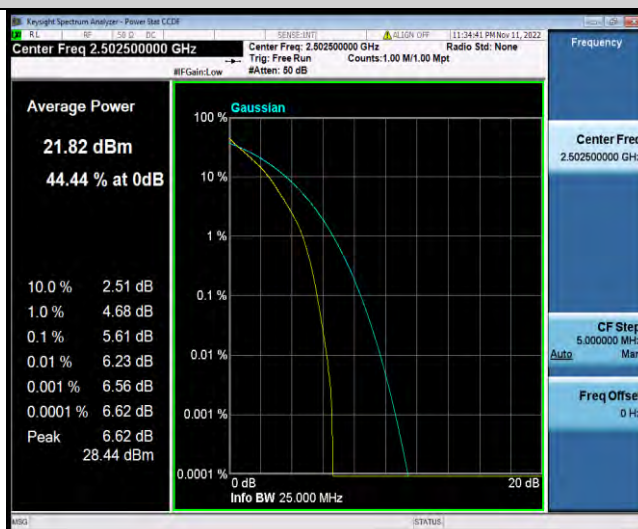
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|-------|-------|-------|-------|---------|------|----|------|
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | 5.50 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0   | 5.35 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 6.30 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0   | 5.61 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 6.26 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0   | 5.72 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 6.34 | 13 | PASS |

## Test Graphs

Band7-5MHz-QPSK-20775-1RB#0



Band7-5MHz-QPSK-20775-25RB#0



Band7-5MHz-QPSK-21100-1RB#0

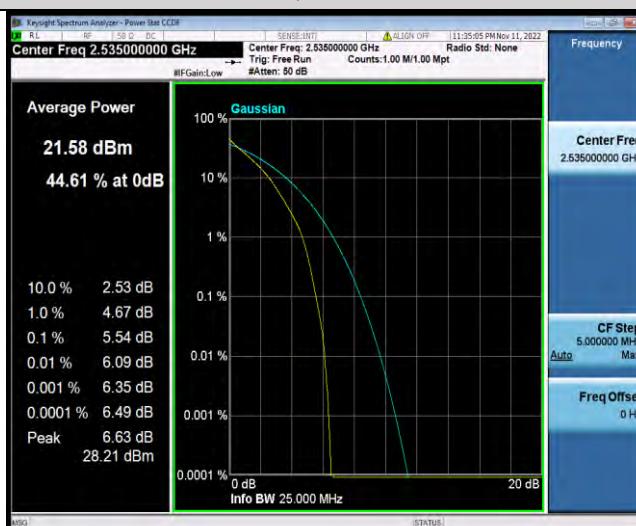


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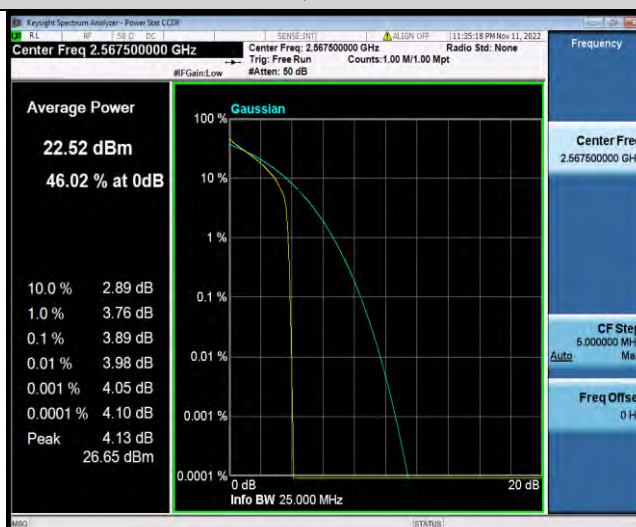
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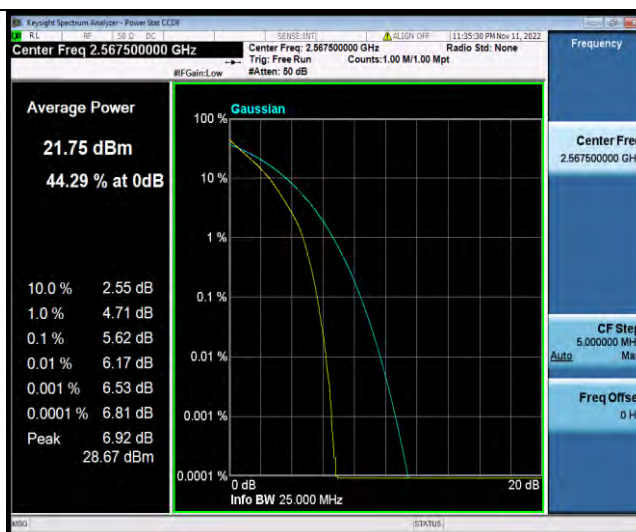


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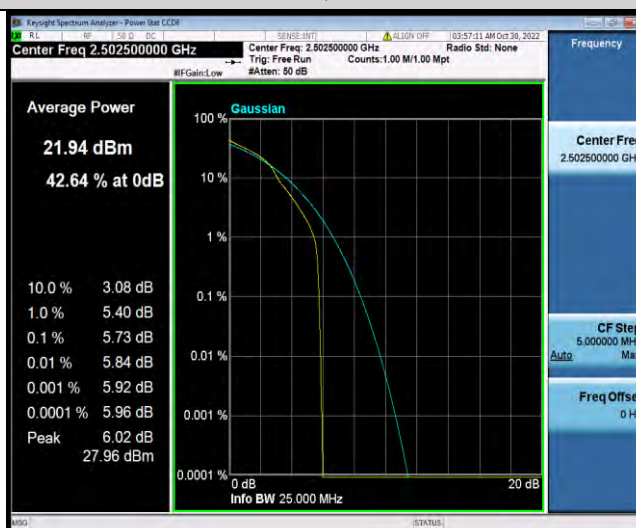


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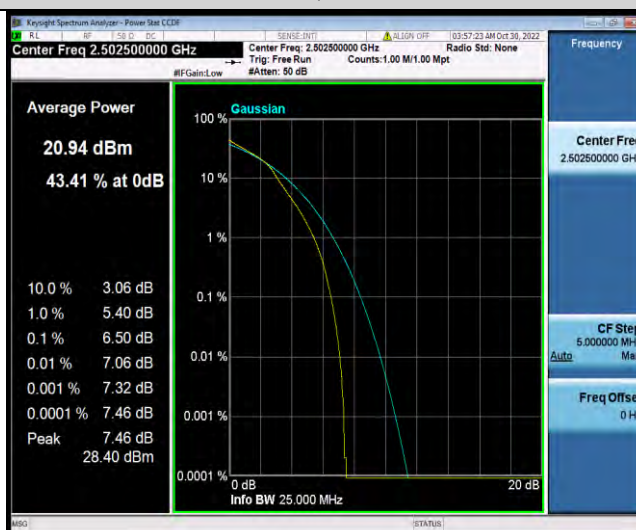
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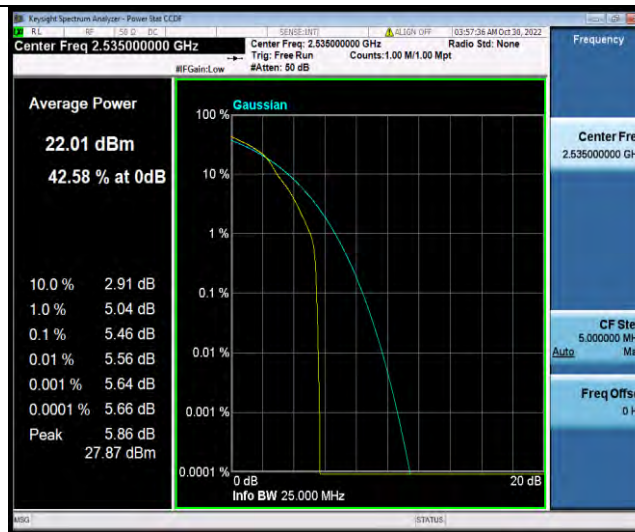


Band7-5MHz-16QAM-21100-1RB#0



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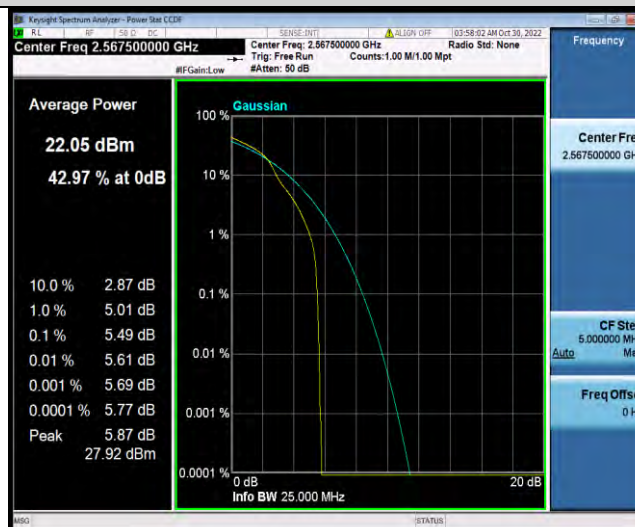
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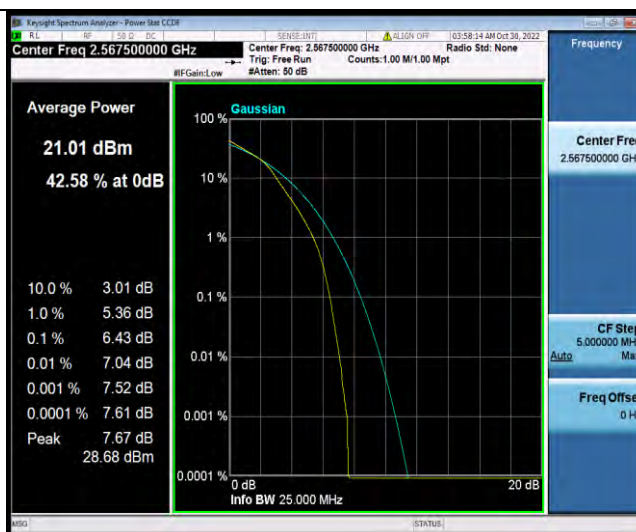


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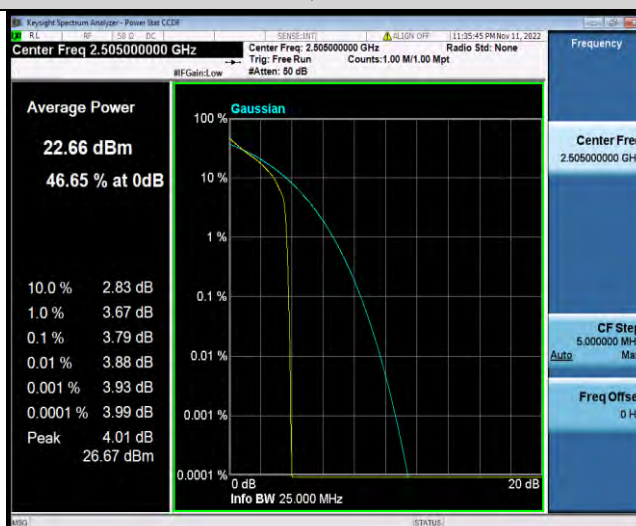


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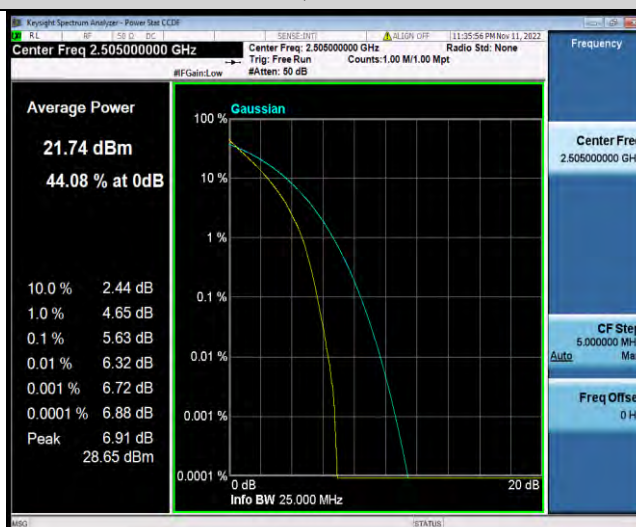
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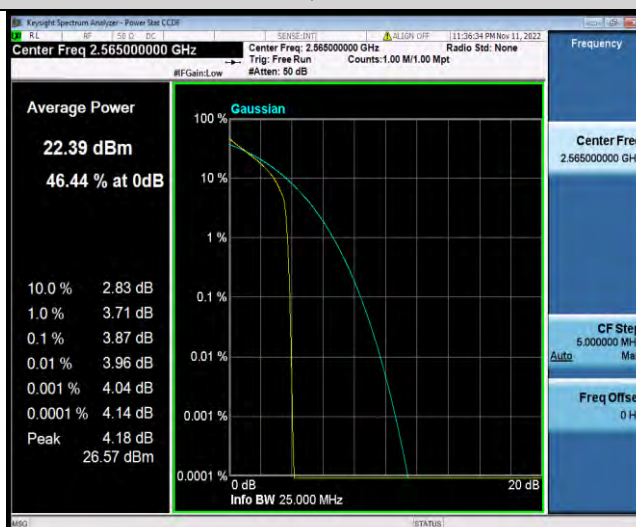
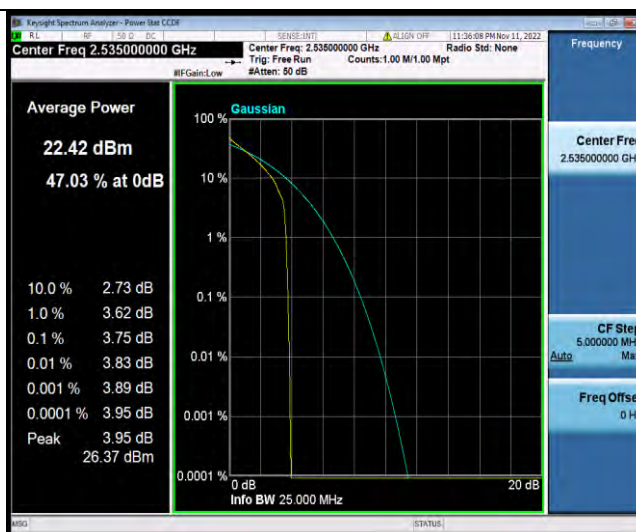
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Band7-10MHz-QPSK-20800-50RB#0



Band7-10MHz-QPSK-21100-1RB#0



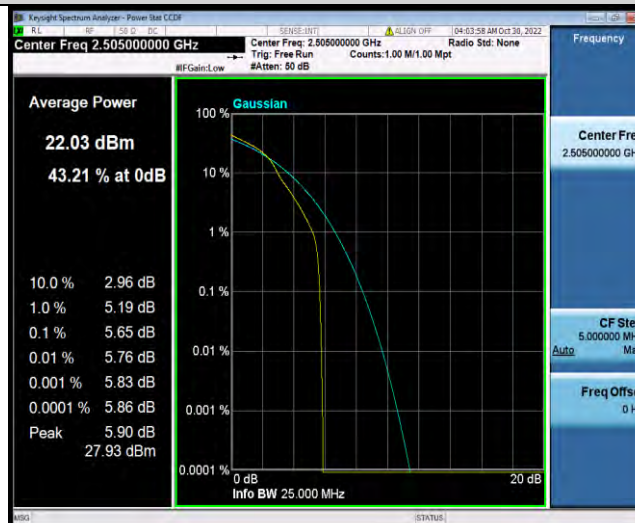


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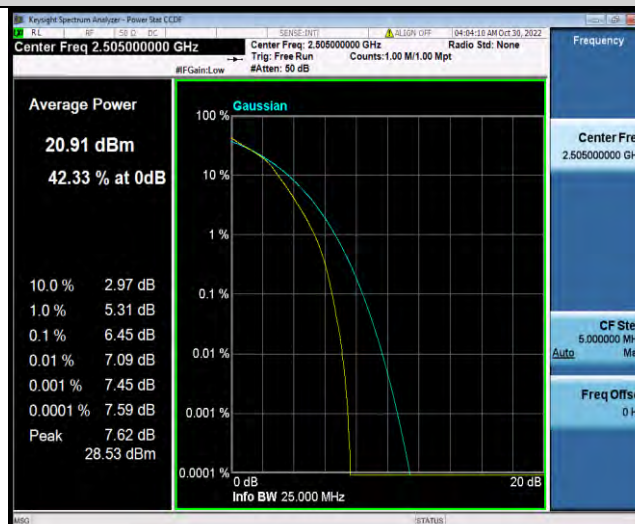
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Band7-10MHz-16QAM-20800-1RB#0



Band7-10MHz-16QAM-20800-50RB#0



Band7-10MHz-16QAM-21100-1RB#0

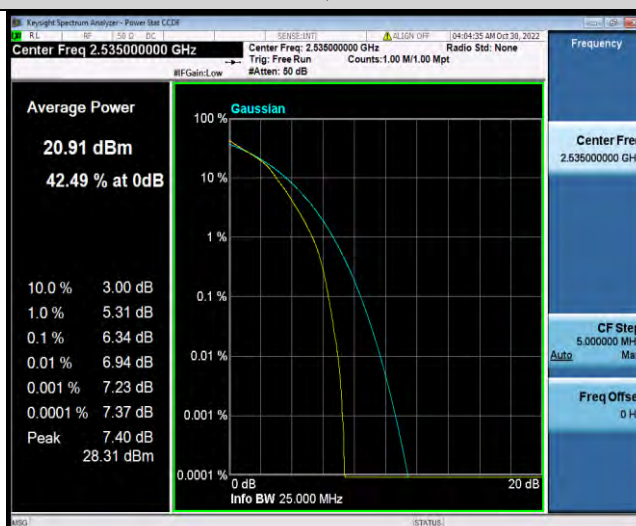


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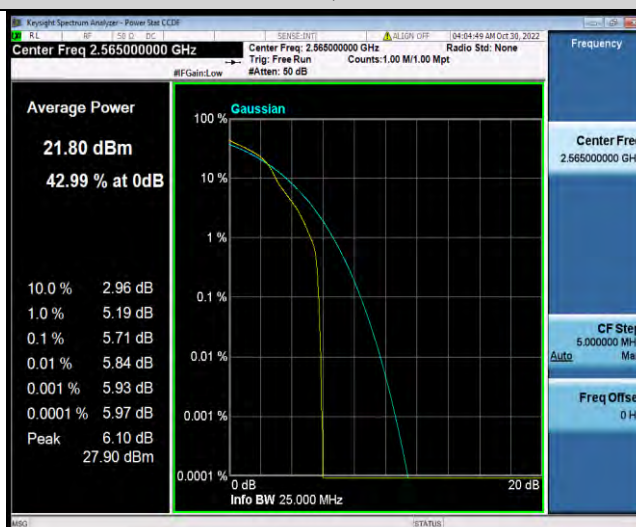
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Band7-10MHz-16QAM-21100-50RB#0



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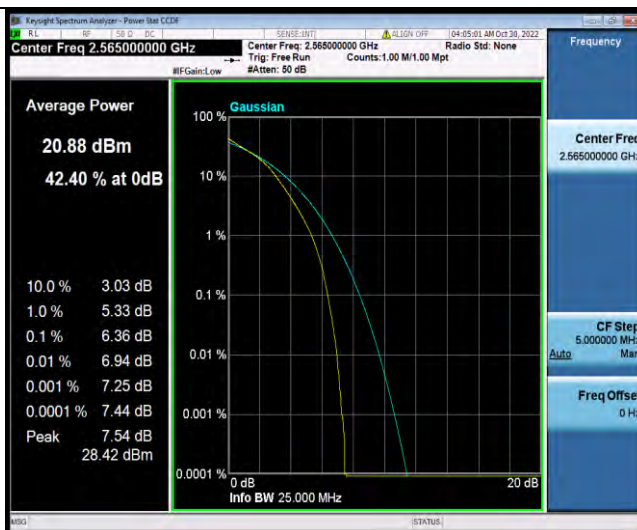


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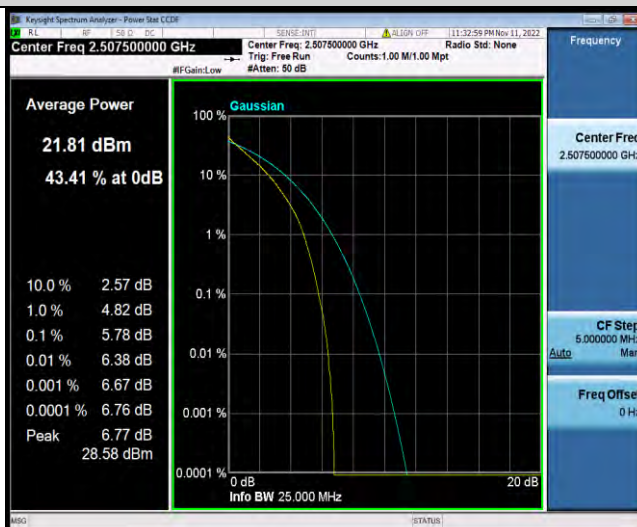
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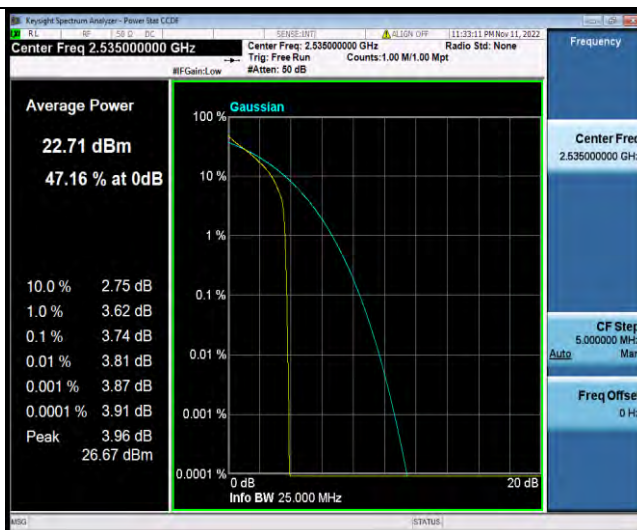
Band7-15MHz-QPSK-20825-1RB#0



Band7-15MHz-QPSK-20825-75RB#0



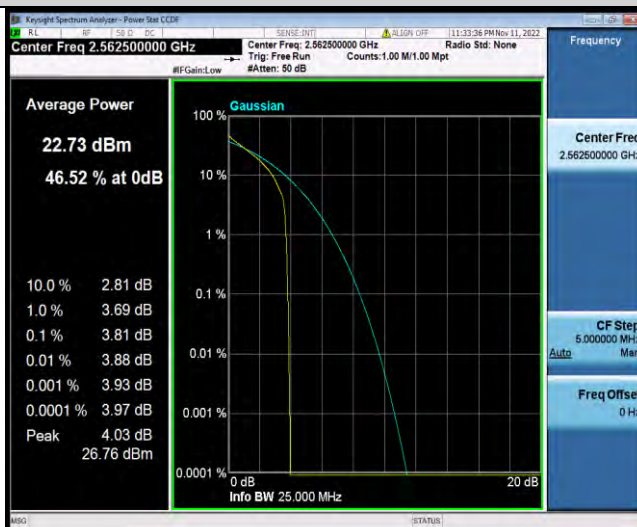
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Band7-15MHz-QPSK-21100-75RB#0



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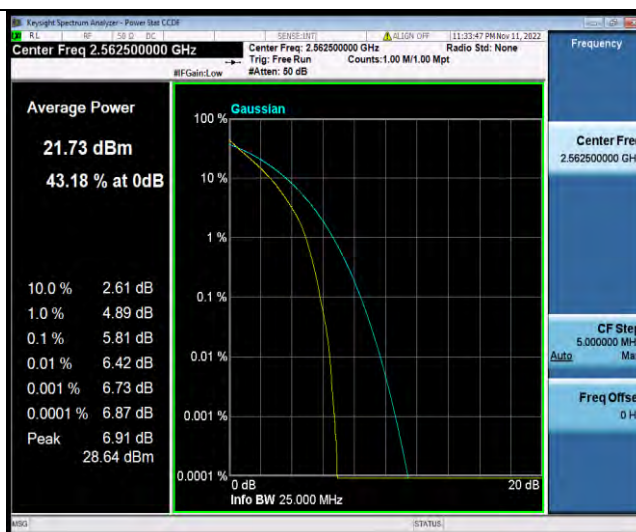


Band7-15MHz-QPSK-21375-75RB#0



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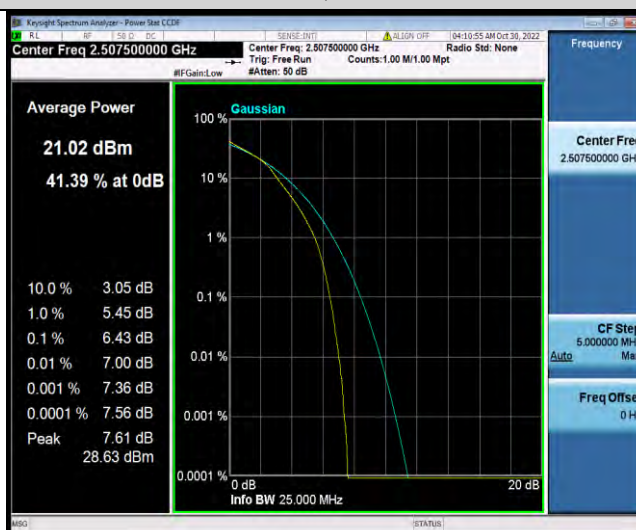
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Band7-15MHz-16QAM-20825-1RB#0



Band7-15MHz-16QAM-20825-75RB#0

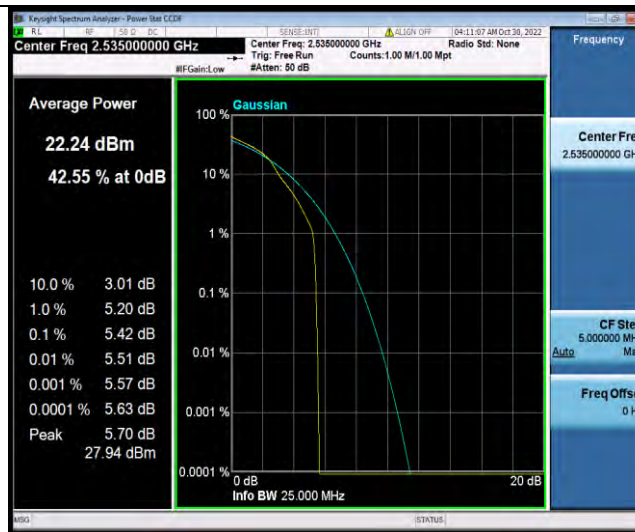


Band7-15MHz-16QAM-21100-1RB#0

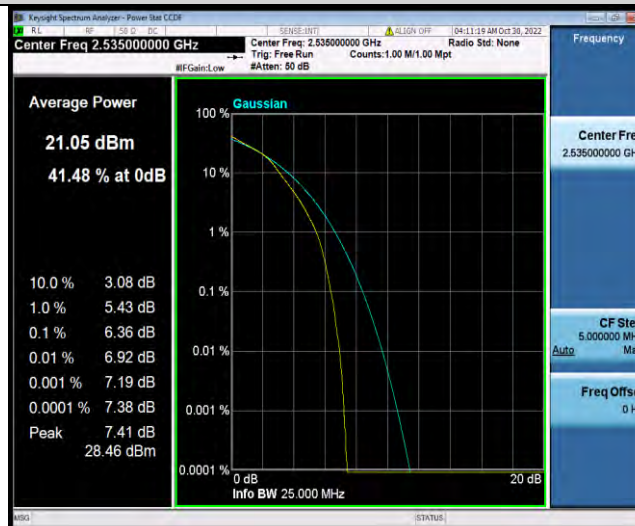


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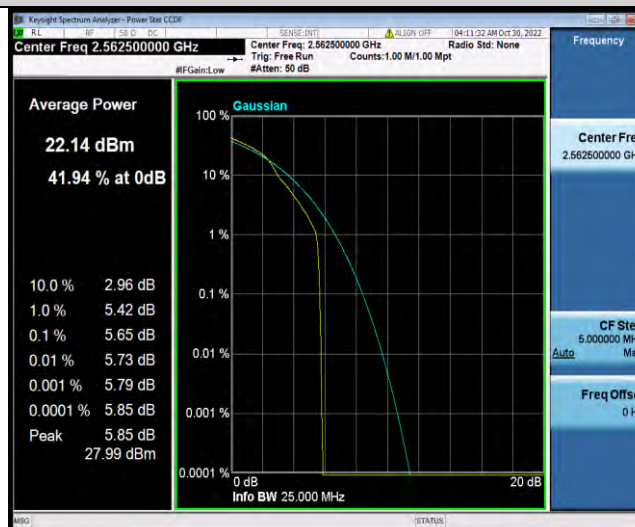
Test Report No.: W7L-221021W001RF03



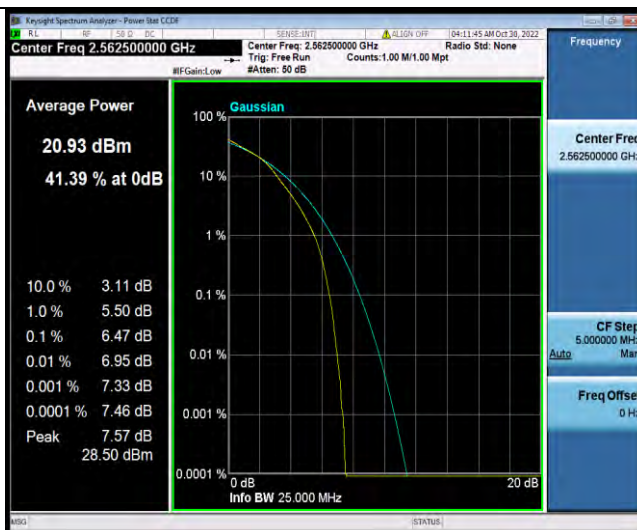
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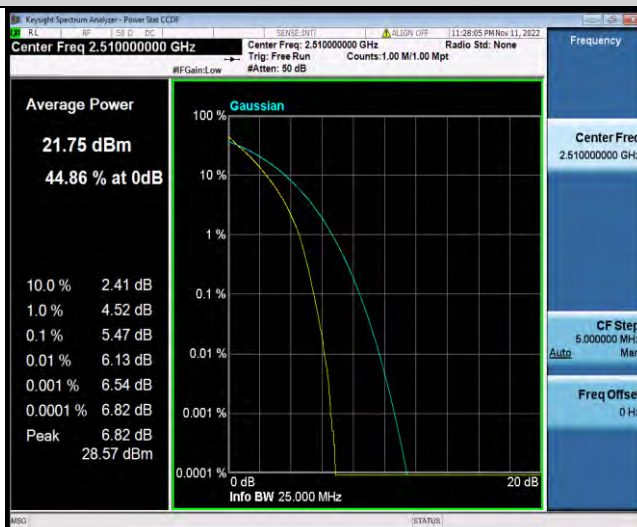
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Band7-20MHz-QPSK-20850-1RB#0



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

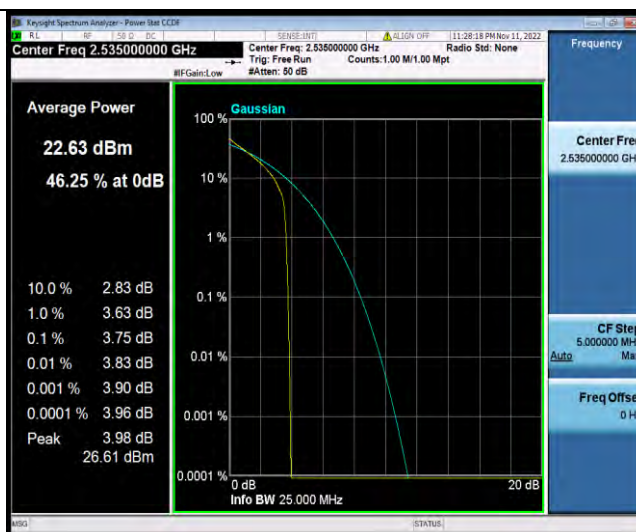


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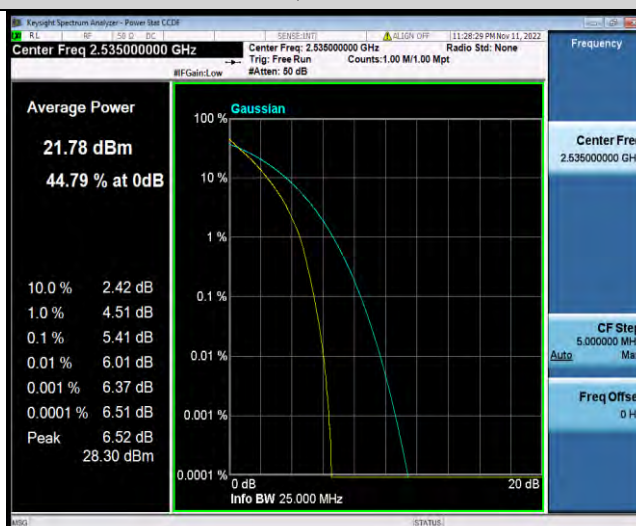


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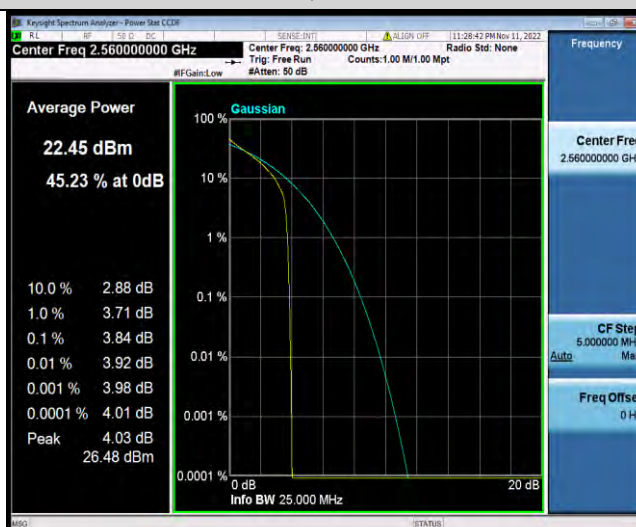
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Band7-20MHz-QPSK-21100-100RB#0



Band7-20MHz-QPSK-21350-1RB#0



Band7-20MHz-QPSK-21350-100RB#0

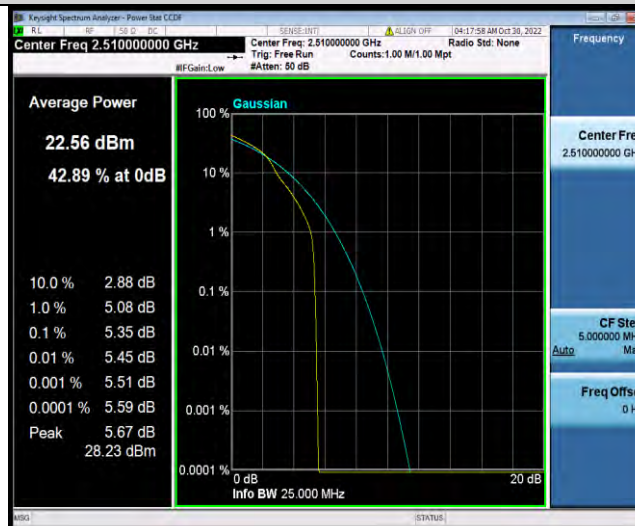


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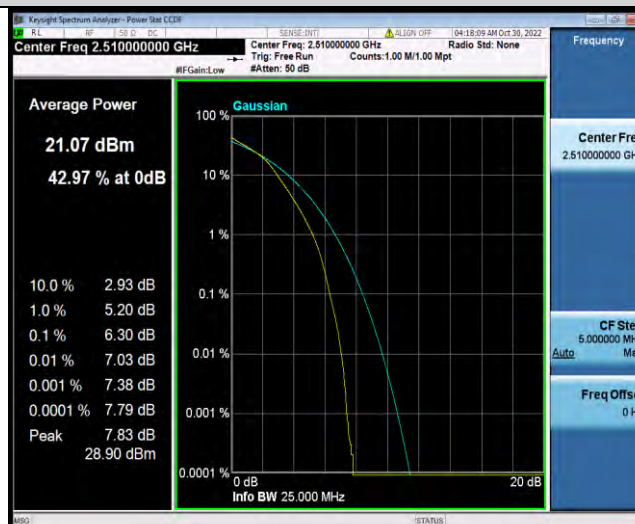
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Band7-20MHz-16QAM-20850-1RB#0



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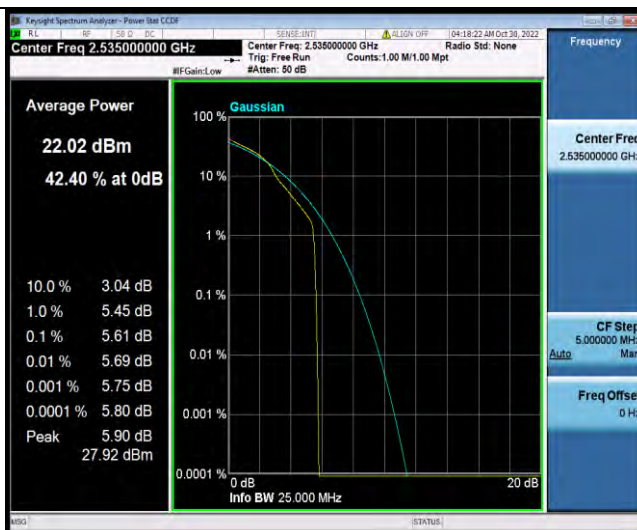


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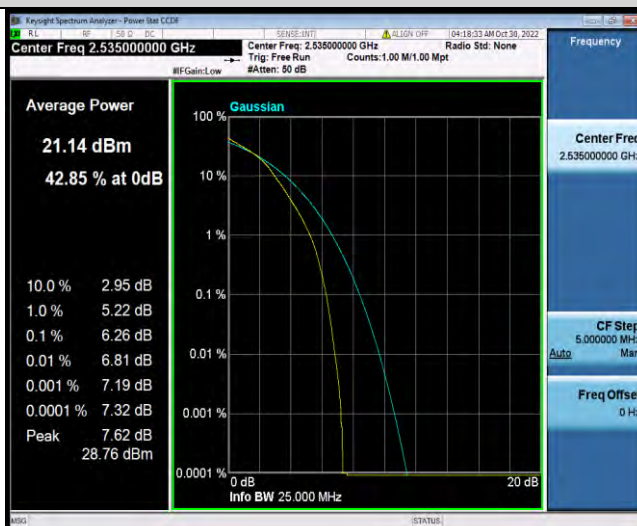


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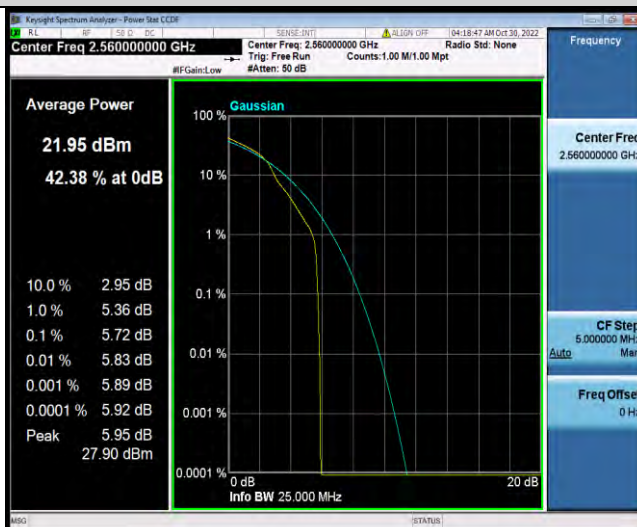
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Band7-20MHz-16QAM-21100-100RB#0



Band7-20MHz-16QAM-21350-1RB#0

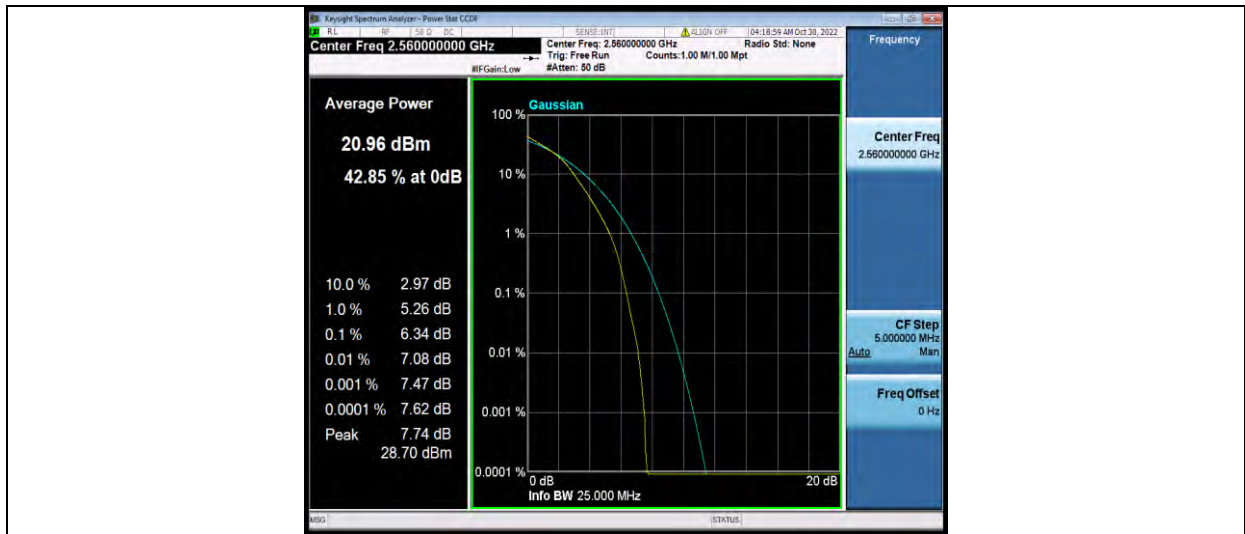


Band7-20MHz-16QAM-21350-100RB#0



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Test Report No.: W7L-221021W001RF03



## 26DB BANDWIDTH AND OCCUPIED BANDWIDTH

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0           | 4.5016                   | 4.876                | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#0           | 4.4986                   | 4.868                | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0           | 4.5057                   | 4.852                | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0           | 4.5042                   | 4.859                | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 25RB#0           | 4.5009                   | 4.892                | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 25RB#0           | 4.5081                   | 4.857                | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 50RB#0           | 8.9904                   | 9.558                | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 50RB#0           | 8.9806                   | 9.536                | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 50RB#0           | 8.9756                   | 9.535                | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 50RB#0           | 8.9672                   | 9.543                | PASS    |
| Band7 | 10MHz     | 16QAM      | 21100   | 50RB#0           | 8.9745                   | 9.555                | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 50RB#0           | 8.9658                   | 9.536                | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 75RB#0           | 13.478                   | 14.31                | PASS    |
| Band7 | 15MHz     | QPSK       | 21100   | 75RB#0           | 13.448                   | 14.30                | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 75RB#0           | 13.462                   | 14.26                | PASS    |
| Band7 | 15MHz     | 16QAM      | 20825   | 75RB#0           | 13.456                   | 14.28                | PASS    |
| Band7 | 15MHz     | 16QAM      | 21100   | 75RB#0           | 13.457                   | 14.26                | PASS    |
| Band7 | 15MHz     | 16QAM      | 21375   | 75RB#0           | 13.460                   | 14.27                | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 100RB#0          | 17.952                   | 18.99                | PASS    |
| Band7 | 20MHz     | QPSK       | 21100   | 100RB#0          | 17.927                   | 18.99                | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 100RB#0          | 17.932                   | 18.98                | PASS    |
| Band7 | 20MHz     | 16QAM      | 20850   | 100RB#0          | 17.942                   | 18.98                | PASS    |
| Band7 | 20MHz     | 16QAM      | 21100   | 100RB#0          | 17.943                   | 19.01                | PASS    |
| Band7 | 20MHz     | 16QAM      | 21350   | 100RB#0          | 17.945                   | 19.02                | PASS    |

## Test Graphs



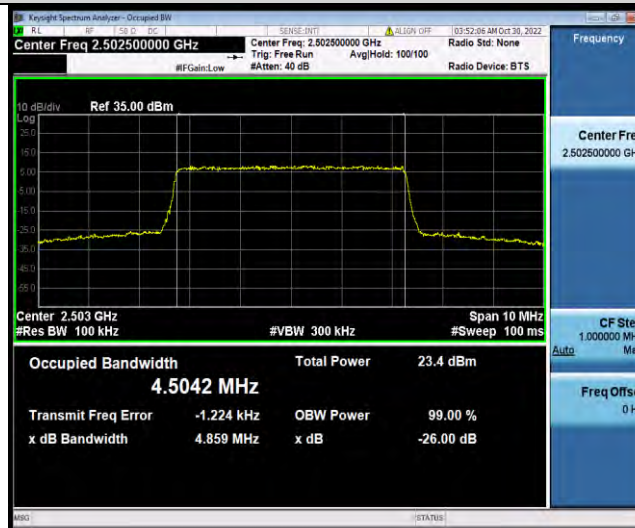


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## Test Report No.: W7L-221021W001RF03



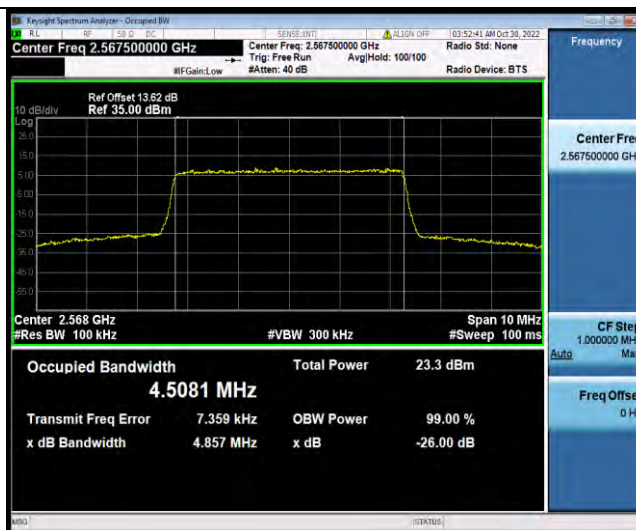
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Band7-5MHz-16QAM-21100-25RB#0



Band7-5MHz-16QAM-21425-25RB#0



Band7-10MHz-QPSK-20800-50RB#0



Band7-10MHz-QPSK-21100-50RB#0



Band7-10MHz-QPSK-21400-50RB#0

## Test Report No.: W7L-221021W001RF03



Band7-10MHz-16QAM-20800-50RB#0



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



Band7-10MHz-16QAM-21400-50RB#0



Band7-15MHz-QPSK-20825-75RB#0



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



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

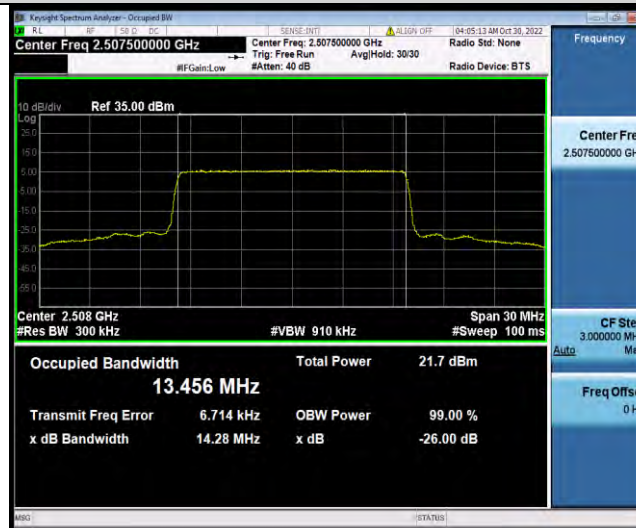


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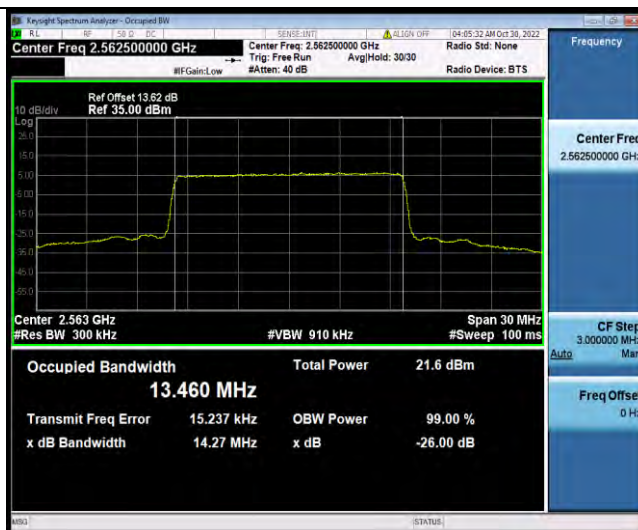
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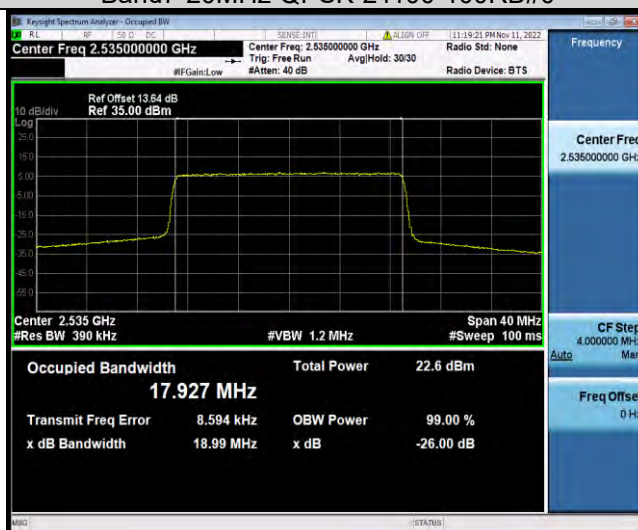
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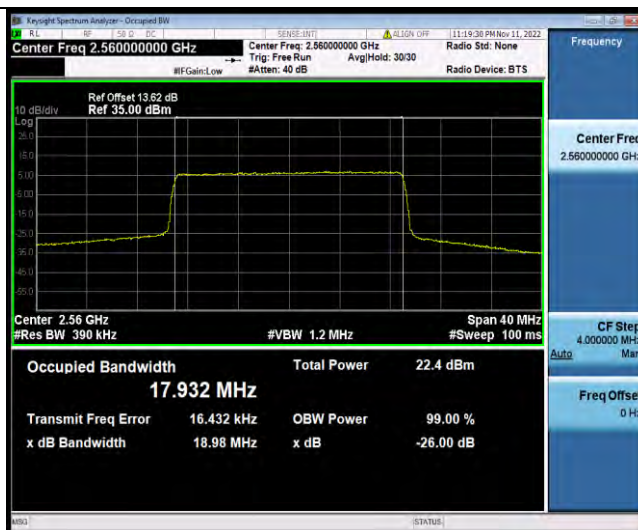
Band7-20MHz-QPSK-20850-100RB#0



Band7-20MHz-QPSK-21100-100RB#0



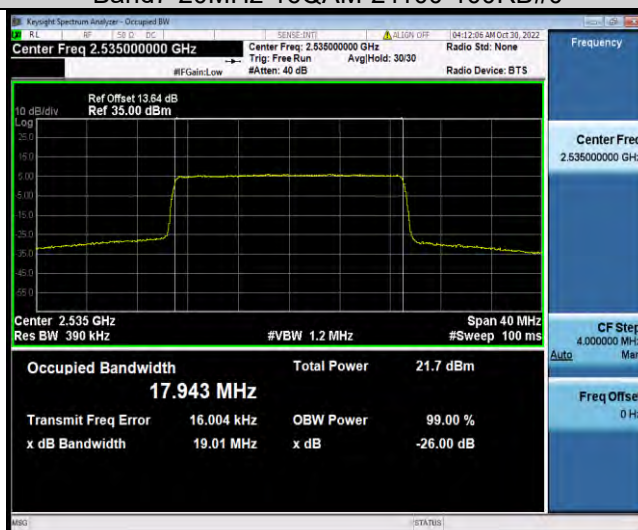
Band7-20MHz-QPSK-21350-100RB#0



Band7-20MHz-16QAM-20850-100RB#0



Band7-20MHz-16QAM-21100-100RB#0



Band7-20MHz-16QAM-21350-100RB#0



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## Test Report No.: W7L-221021W001RF03



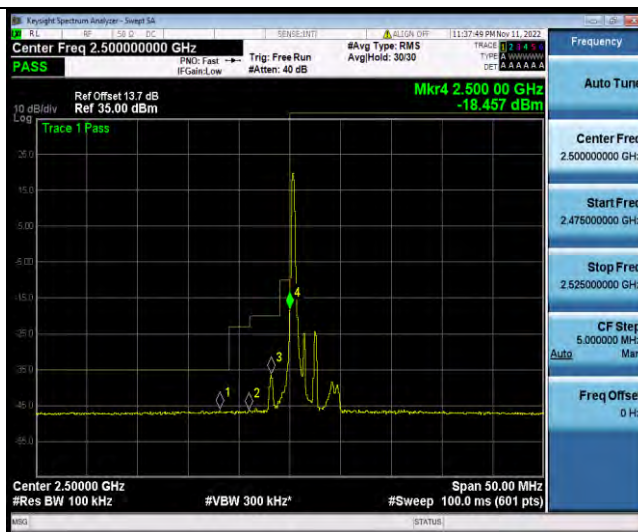
## BAND EDGE

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm)                 | Verdict |
|-------|-----------|------------|---------|------------------|-----------------------------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | -46.27,-46.36,-36.54,-18.46 | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0           | -44.44,-40.01,-30.14,-25.90 | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#24           | -18.33,-33.44,-46.41,-46.06 | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0           | -25.47,-30.90,-43.24,-44.26 | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | -44.99,-43.56,-36.03,-16.81 | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0           | -43.56,-40.69,-30.05,-25.72 | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#24           | -20.37,-33.79,-46.27,-46.08 | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 25RB#0           | -26.54,-31.20,-43.76,-44.67 | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 1RB#0            | -43.61,-43.40,-33.75,-25.81 | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 50RB#0           | -42.48,-32.21,-28.65,-26.45 | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 1RB#49           | -26.52,-30.75,-43.18,-43.46 | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 50RB#0           | -27.24,-30.13,-35.50,-42.02 | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 1RB#0            | -43.74,-43.49,-34.43,-26.89 | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 50RB#0           | -42.57,-32.47,-29.37,-27.80 | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 1RB#49           | -20.09,-29.42,-40.30,-42.92 | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 50RB#0           | -27.59,-30.16,-35.34,-42.31 | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 1RB#0            | -41.87,-41.69,-31.88,-24.65 | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 75RB#0           | -36.28,-30.31,-26.78,-26.31 | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 1RB#74           | -24.60,-29.12,-41.53,-41.92 | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 75RB#0           | -27.73,-28.19,-33.54,-40.37 | PASS    |
| Band7 | 15MHz     | 16QAM      | 20825   | 1RB#0            | -42.00,-41.64,-32.62,-25.26 | PASS    |
| Band7 | 15MHz     | 16QAM      | 20825   | 75RB#0           | -37.23,-30.58,-27.68,-27.45 | PASS    |
| Band7 | 15MHz     | 16QAM      | 21375   | 1RB#74           | -25.92,-29.74,-41.33,-42.08 | PASS    |
| Band7 | 15MHz     | 16QAM      | 21375   | 75RB#0           | -28.53,-28.77,-33.37,-40.80 | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 1RB#0            | -40.70,-40.56,-31.40,-26.44 | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 100RB#0          | -33.43,-29.72,-27.41,-26.56 | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 1RB#99           | -26.15,-28.68,-40.36,-40.72 | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 100RB#0          | -27.78,-28.88,-32.81,-40.35 | PASS    |
| Band7 | 20MHz     | 16QAM      | 20850   | 1RB#0            | -40.70,-40.58,-32.30,-25.67 | PASS    |
| Band7 | 20MHz     | 16QAM      | 20850   | 100RB#0          | -34.21,-30.20,-28.41,-27.53 | PASS    |
| Band7 | 20MHz     | 16QAM      | 21350   | 1RB#99           | -26.36,-29.62,-40.59,-40.93 | PASS    |
| Band7 | 20MHz     | 16QAM      | 21350   | 100RB#0          | -28.61,-29.66,-32.56,-40.40 | PASS    |

### Test Graphs

Band7-5MHz-QPSK-20775-1RB#0



Band7-5MHz-QPSK-20775-25RB#0



Band7-5MHz-QPSK-21425-1RB#24



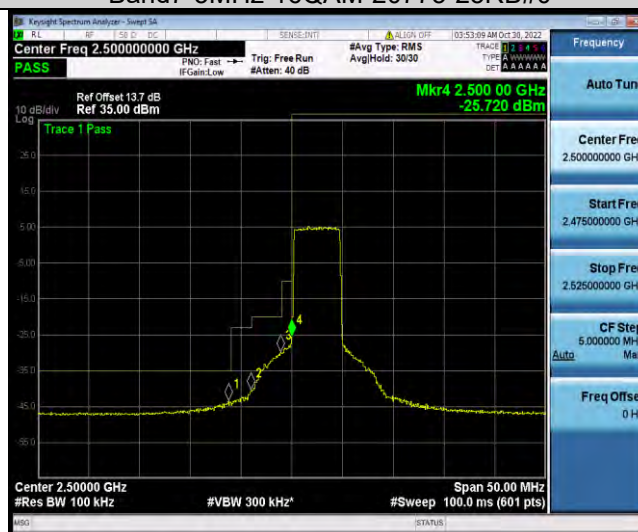
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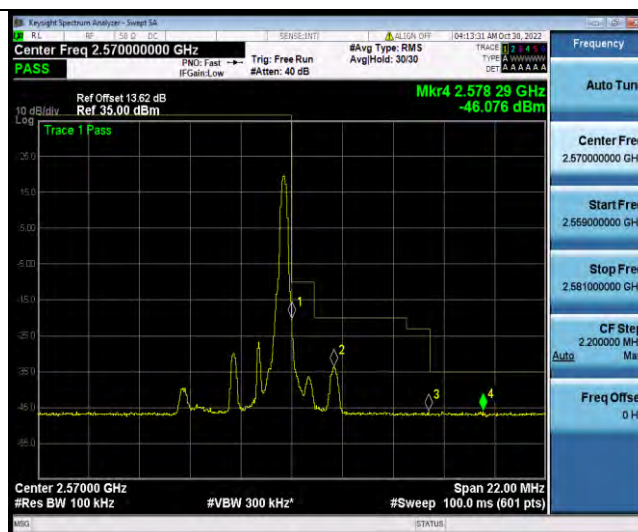
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Band7-5MHz-16QAM-20775-25RB#0



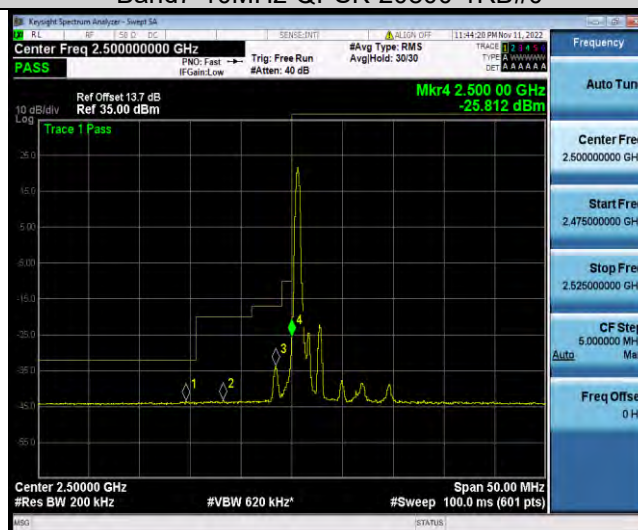
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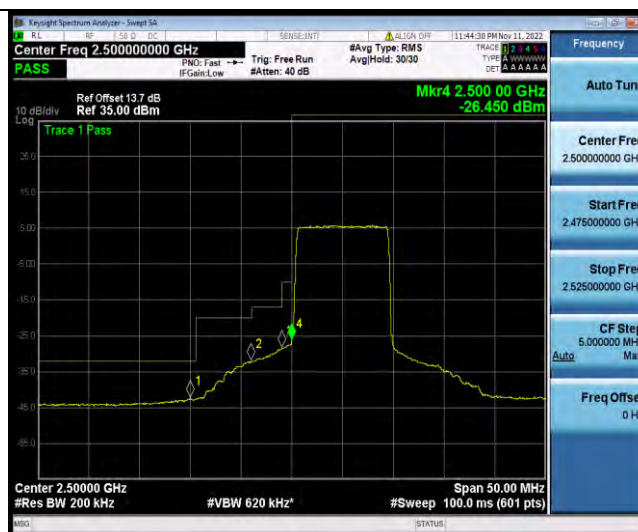
Band7-5MHz-16QAM-21425-25RB#0



Band7-10MHz-QPSK-20800-1RB#0



Band7-10MHz-QPSK-20800-50RB#0



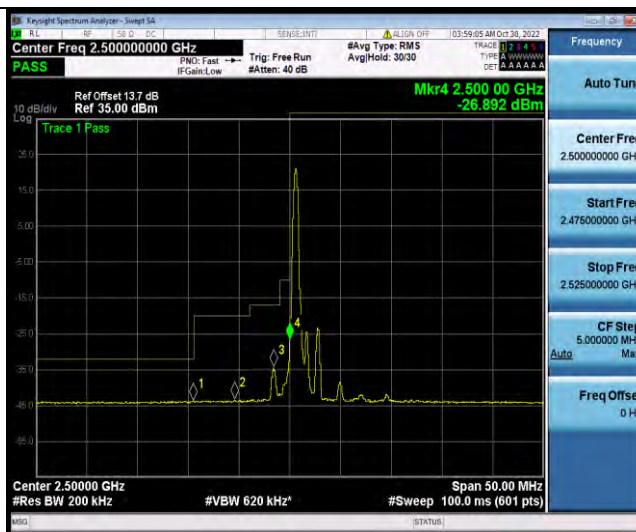
Band7-10MHz-QPSK-21400-1RB#49



Band7-10MHz-QPSK-21400-50RB#0



Band7-10MHz-16QAM-20800-1RB#0



Band7-10MHz-16QAM-20800-50RB#0



Band7-10MHz-16QAM-21400-1RB#49



Band7-10MHz-16QAM-21400-50RB#0



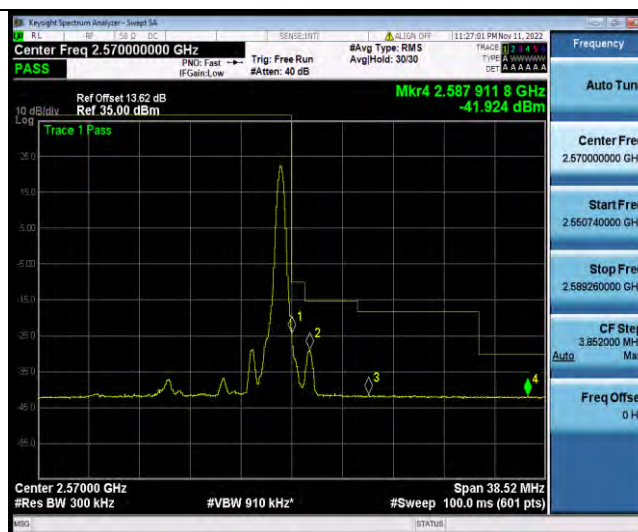
Band7-15MHz-QPSK-20825-1RB#0



Band7-15MHz-QPSK-20825-75RB#0



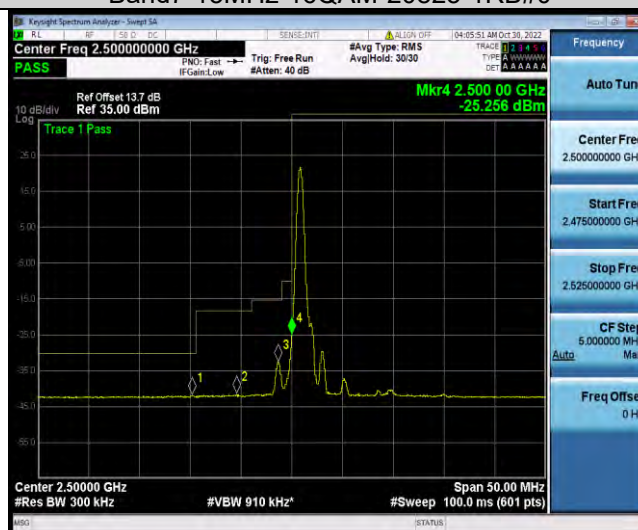
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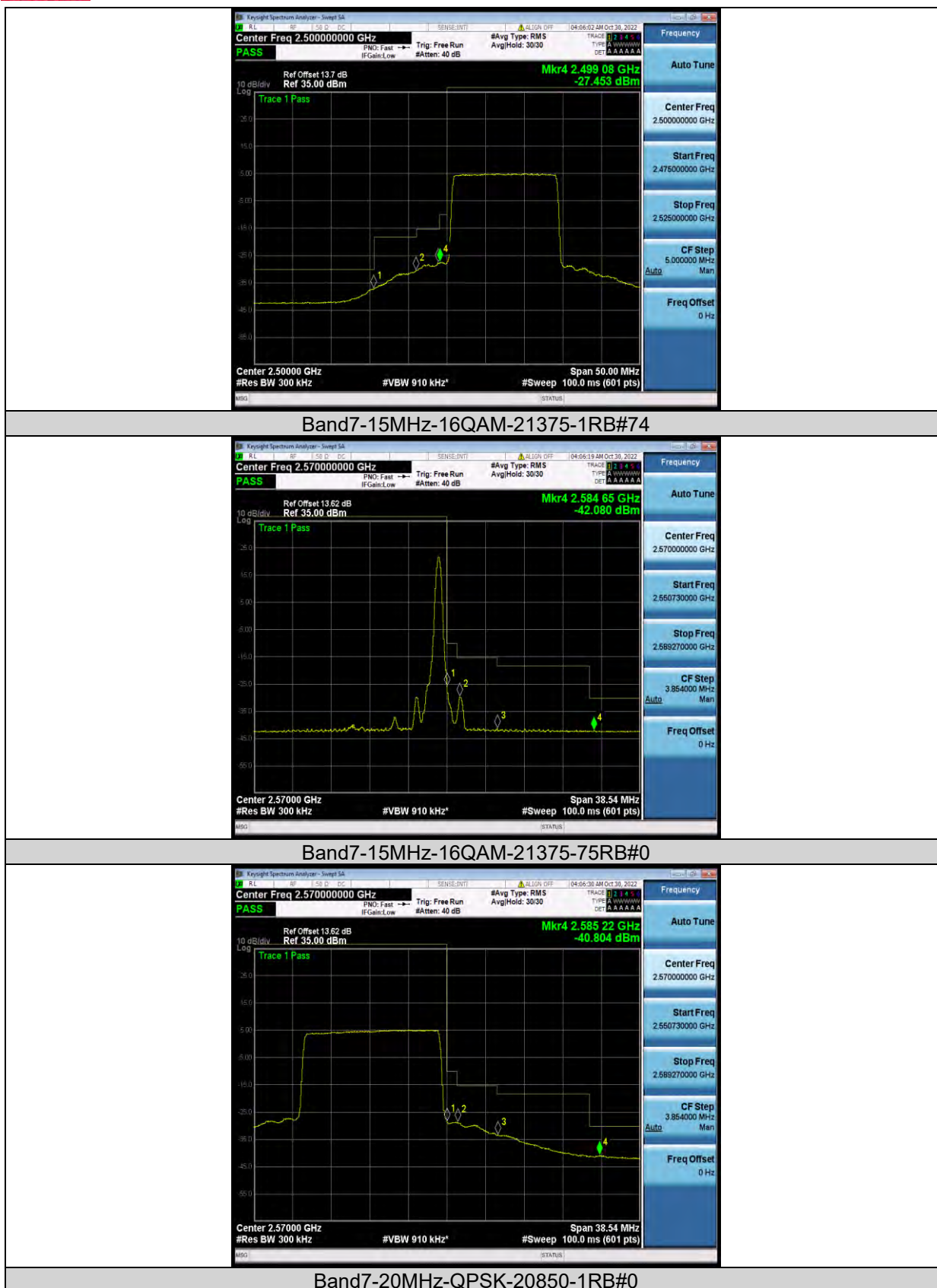
Band7-15MHz-QPSK-21375-75RB#0



Band7-15MHz-16QAM-20825-1RB#0



Band7-15MHz-16QAM-20825-75RB#0





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



Band7-20MHz-QPSK-21350-1RB#99



Band7-20MHz-QPSK-21350-100RB#0



Band7-20MHz-16QAM-20850-1RB#0



Band7-20MHz-16QAM-20850-100RB#0



Band7-20MHz-16QAM-21350-1RB#99



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Test Report No.: W7L-221021W001RF03



Band7-20MHz-16QAM-21350-100RB#0



## CONDUCTED SPURIOUS EMISSION

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range      | Result (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------------|--------------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | Range1:30~1000MHz    | -40.85       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | Range2:1000~27000MHz | -30.99       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | Range1:30~1000MHz    | -40.9        | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | Range2:1000~27000MHz | -31.31       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | Range1:30~1000MHz    | -41.56       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | Range2:1000~27000MHz | -31.8        | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | Range1:30~1000MHz    | -40.3        | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | Range2:1000~27000MHz | -30.85       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#0            | Range1:30~1000MHz    | -40.24       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#0            | Range2:1000~27000MHz | -31.18       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#0            | Range1:30~1000MHz    | -40.45       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#0            | Range2:1000~27000MHz | -30.62       | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 1RB#0            | Range1:30~1000MHz    | -41.31       | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 1RB#0            | Range2:1000~27000MHz | -31.32       | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 1RB#0            | Range1:30~1000MHz    | -41.14       | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 1RB#0            | Range2:1000~27000MHz | -30.74       | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 1RB#0            | Range1:30~1000MHz    | -40.2        | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 1RB#0            | Range2:1000~27000MHz | -30.47       | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 1RB#0            | Range1:30~1000MHz    | -39.94       | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 1RB#0            | Range2:1000~27000MHz | -31.12       | PASS    |
| Band7 | 10MHz     | 16QAM      | 21100   | 1RB#0            | Range1:30~1000MHz    | -39.55       | PASS    |
| Band7 | 10MHz     | 16QAM      | 21100   | 1RB#0            | Range2:1000~27000MHz | -30.62       | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 1RB#0            | Range1:30~1000MHz    | -39.44       | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 1RB#0            | Range2:1000~27000MHz | -30.69       | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 1RB#0            | Range1:30~1000MHz    | -40.93       | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 1RB#0            | Range2:1000~27000MHz | -30.99       | PASS    |
| Band7 | 15MHz     | QPSK       | 21100   | 1RB#0            | Range1:30~1000MHz    | -40.76       | PASS    |
| Band7 | 15MHz     | QPSK       | 21100   | 1RB#0            | Range2:1000~27000MHz | -31.52       | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 1RB#0            | Range1:30~1000MHz    | -40.56       | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 1RB#0            | Range2:1000~27000MHz | -30.97       | PASS    |
| Band7 | 15MHz     | 16QAM      | 20825   | 1RB#0            | Range1:30~1000MHz    | -40.42       | PASS    |
| Band7 | 15MHz     | 16QAM      | 20825   | 1RB#0            | Range2:1000~27000MHz | -30.76       | PASS    |
| Band7 | 15MHz     | 16QAM      | 21100   | 1RB#0            | Range1:30~1000MHz    | -40.25       | PASS    |
| Band7 | 15MHz     | 16QAM      | 21100   | 1RB#0            | Range2:1000~27000MHz | -31.68       | PASS    |
| Band7 | 15MHz     | 16QAM      | 21375   | 1RB#0            | Range1:30~1000MHz    | -40.15       | PASS    |
| Band7 | 15MHz     | 16QAM      | 21375   | 1RB#0            | Range2:1000~27000MHz | -30.63       | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 1RB#0            | Range1:30~1000MHz    | -40.82       | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 1RB#0            | Range2:1000~27000MHz | -30.22       | PASS    |
| Band7 | 20MHz     | QPSK       | 21100   | 1RB#0            | Range1:30~1000MHz    | -41.35       | PASS    |
| Band7 | 20MHz     | QPSK       | 21100   | 1RB#0            | Range2:1000~27000MHz | -31.28       | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 1RB#0            | Range1:30~1000MHz    | -40.32       | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 1RB#0            | Range2:1000~27000MHz | -31.1        | PASS    |
| Band7 | 20MHz     | 16QAM      | 20850   | 1RB#0            | Range1:30~1000MHz    | -40.64       | PASS    |
| Band7 | 20MHz     | 16QAM      | 20850   | 1RB#0            | Range2:1000~27000MHz | -30.91       | PASS    |

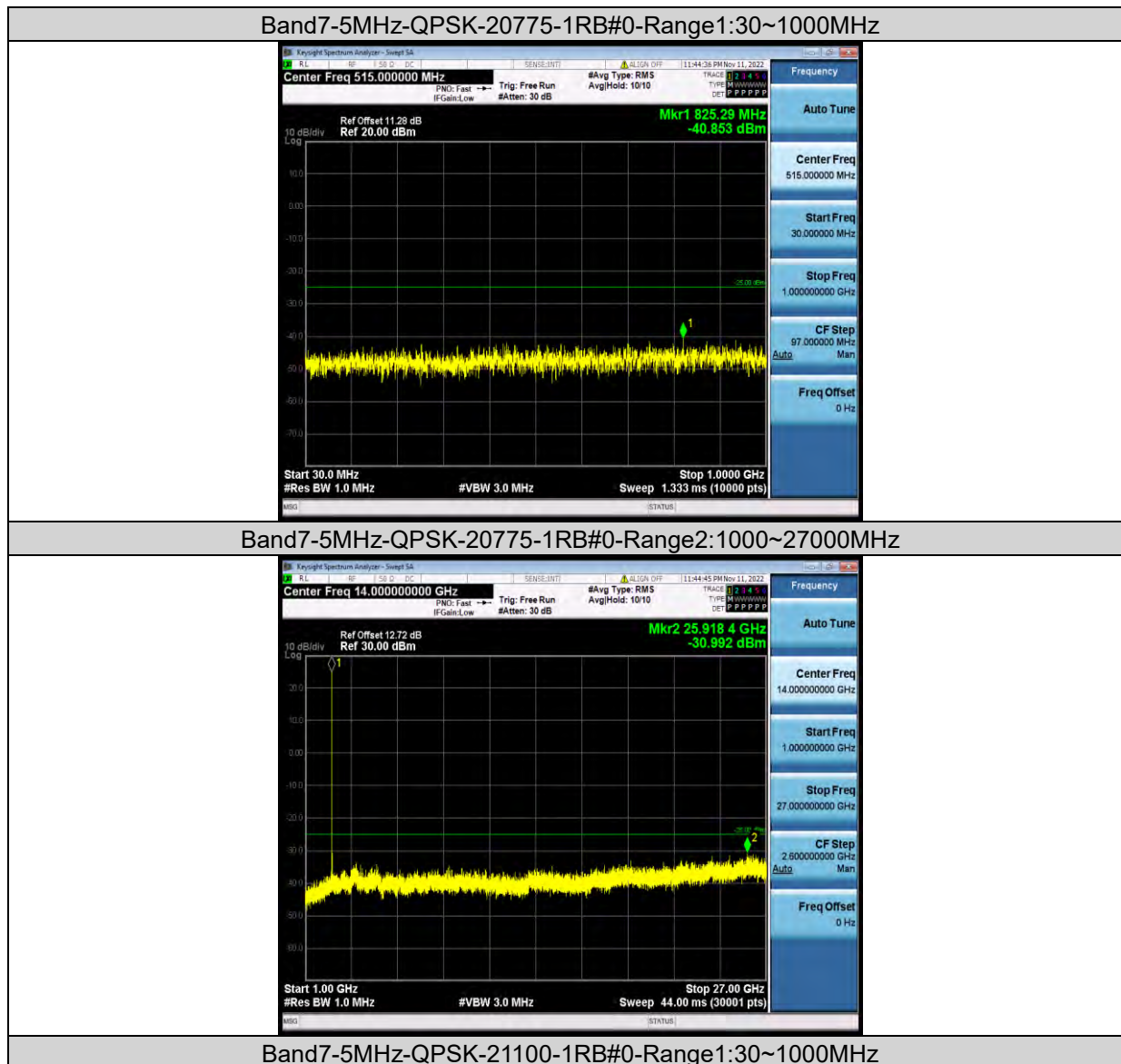


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|       |       |       |       |       |                      |        |      |
|-------|-------|-------|-------|-------|----------------------|--------|------|
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | Range1:30~1000MHz    | -39.6  | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | Range2:1000~27000MHz | -31.45 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | Range1:30~1000MHz    | -40.22 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | Range2:1000~27000MHz | -31.6  | PASS |

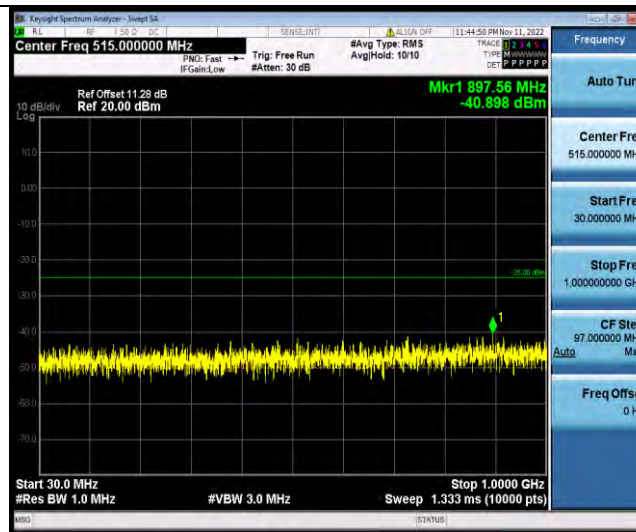
## Test Graphs



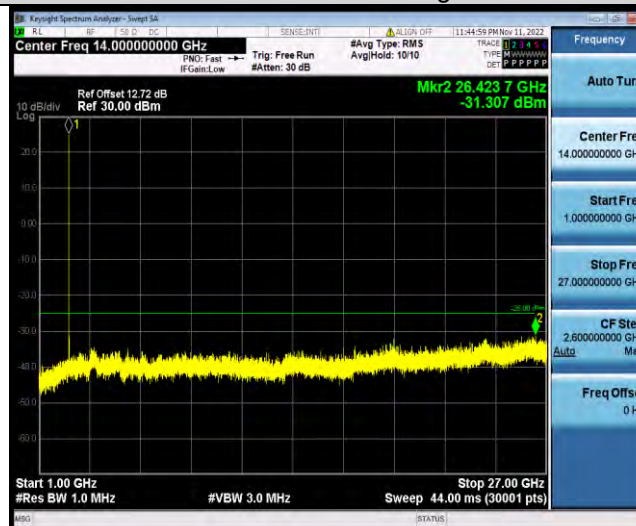


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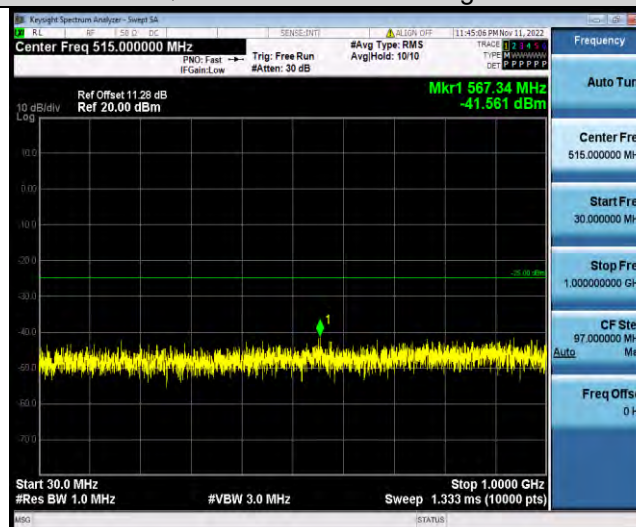
## Test Report No.: W7L-221021W001RF03



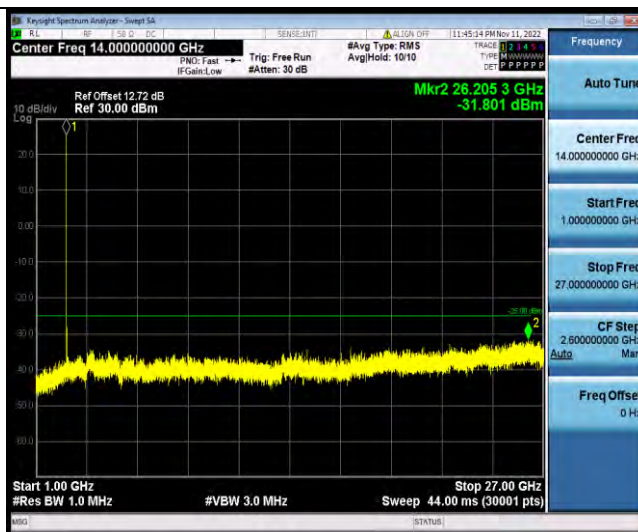
Band7-5MHz-QPSK-21100-1RB#0-Range2:1000~27000MHz



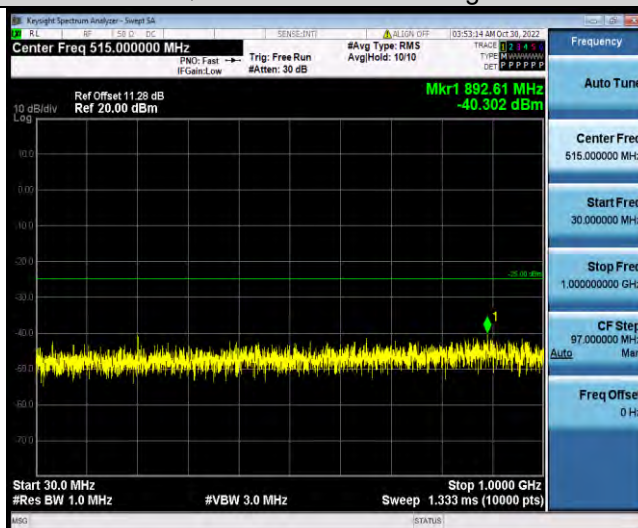
Band7-5MHz-QPSK-21425-1RB#0-Range1:30~1000MHz



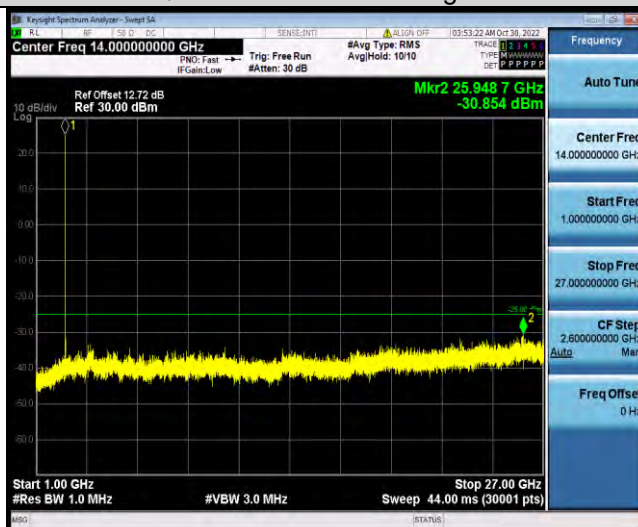
Band7-5MHz-QPSK-21425-1RB#0-Range2:1000~27000MHz



Band7-5MHz-16QAM-20775-1RB#0-Range1:30~1000MHz



Band7-5MHz-16QAM-20775-1RB#0-Range2:1000~27000MHz

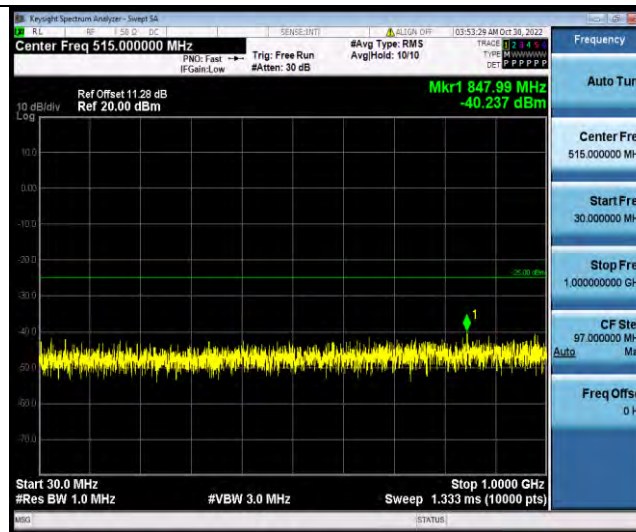


Band7-5MHz-16QAM-21100-1RB#0-Range1:30~1000MHz

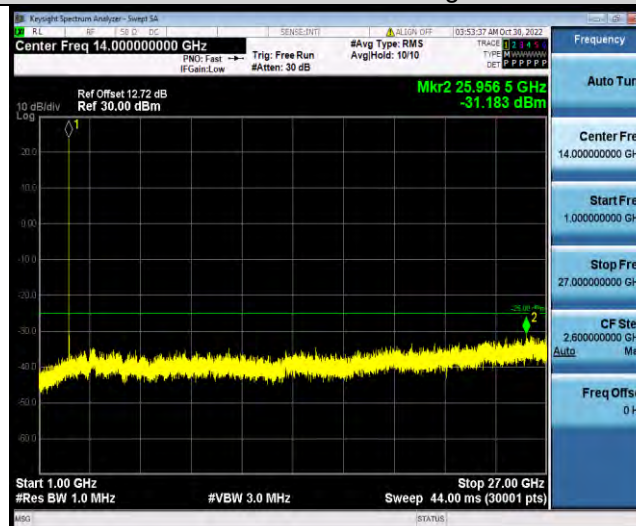


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Band7-5MHz-16QAM-21100-1RB#0-Range2:1000~27000MHz



Band7-5MHz-16QAM-21425-1RB#0-Range1:30~1000MHz

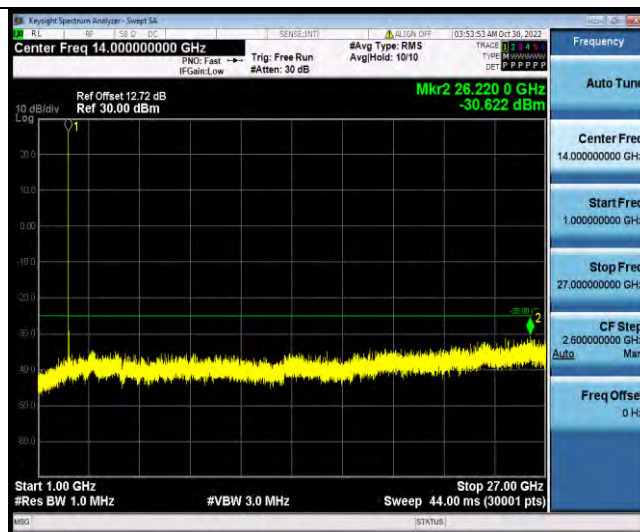


Band7-5MHz-16QAM-21425-1RB#0-Range2:1000~27000MHz

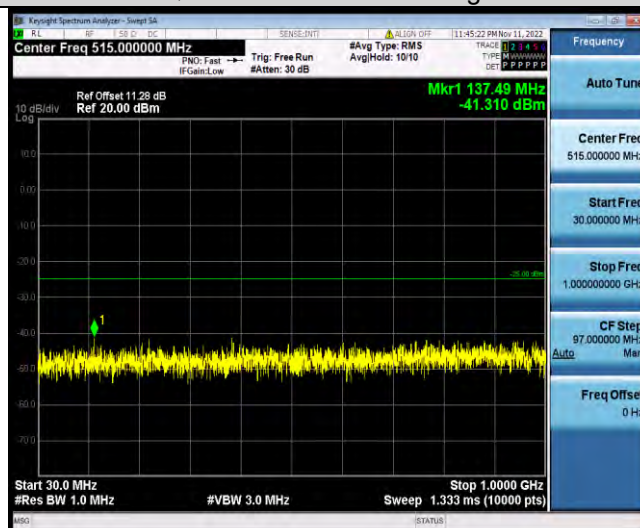


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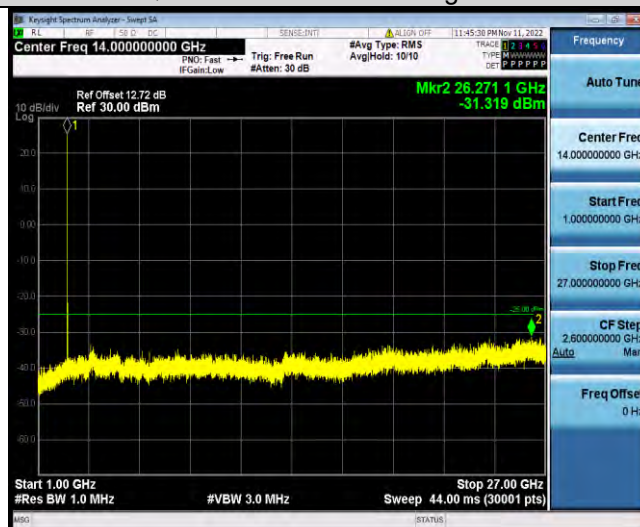
## Test Report No.: W7L-221021W001RF03



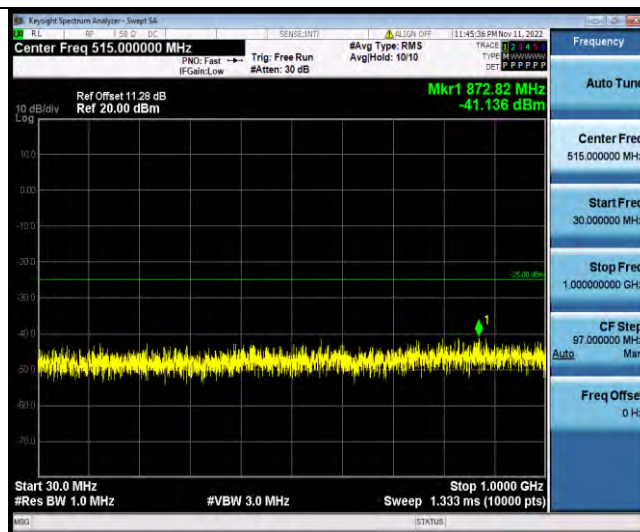
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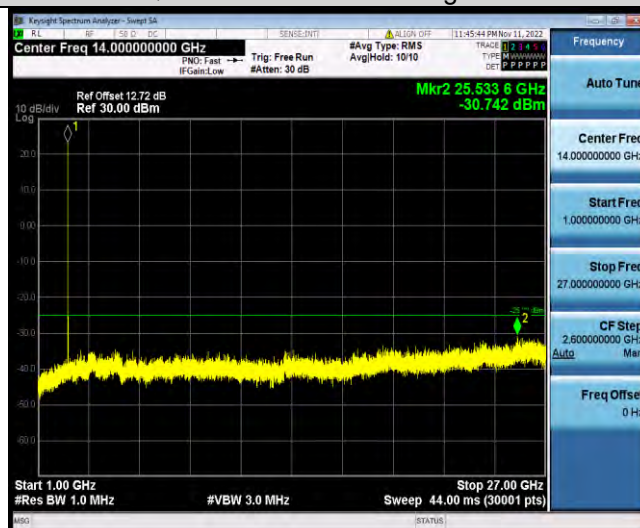
Band7-10MHz-QPSK-20800-1RB#0-Range2:1000~27000MHz



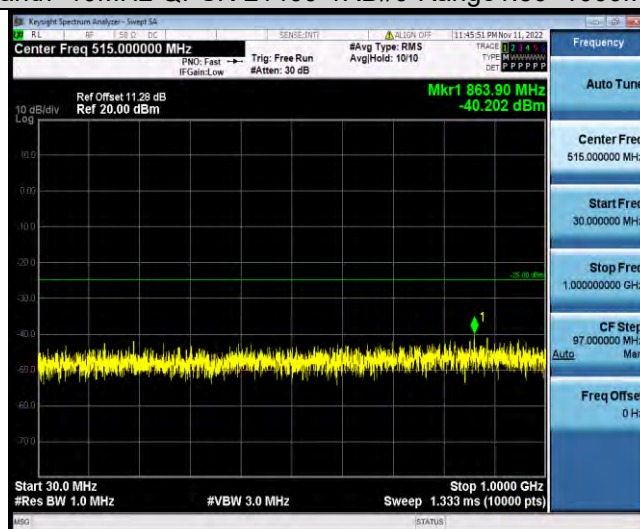
Band7-10MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



Band7-10MHz-QPSK-21100-1RB#0-Range2:1000~27000MHz



Band7-10MHz-QPSK-21400-1RB#0-Range1:30~1000MHz

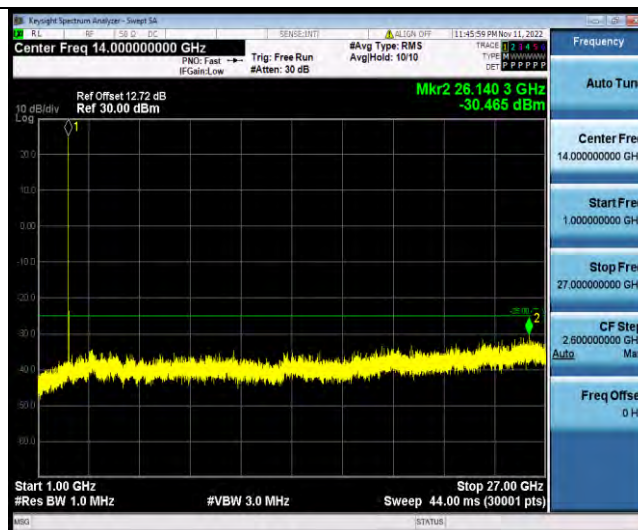


Band7-10MHz-QPSK-21400-1RB#0-Range2:1000~27000MHz

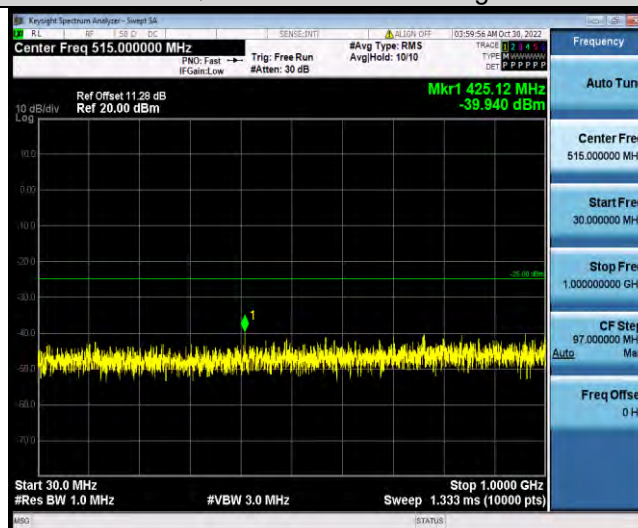


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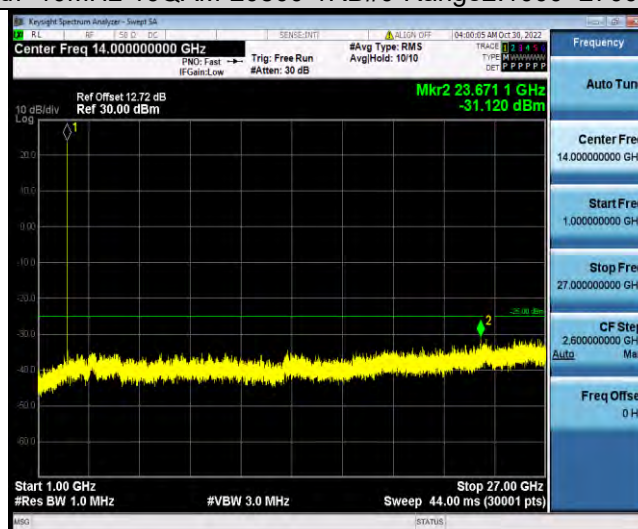
## Test Report No.: W7L-221021W001RF03



Band7-10MHz-16QAM-20800-1RB#0-Range1:30~1000MHz



Band7-10MHz-16QAM-20800-1RB#0-Range2:1000~27000MHz

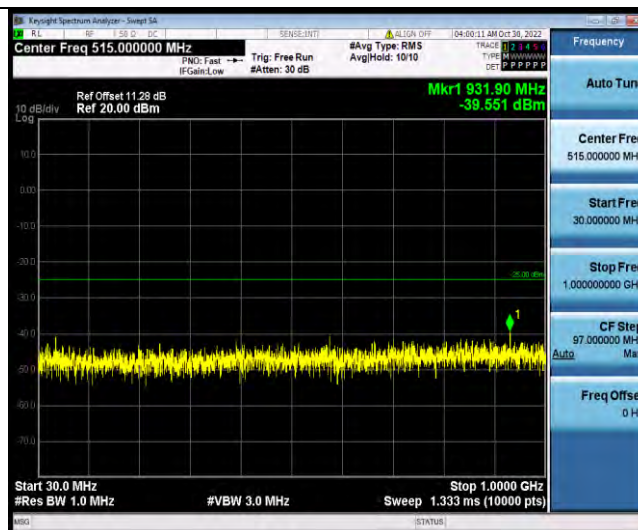


Band7-10MHz-16QAM-21100-1RB#0-Range1:30~1000MHz

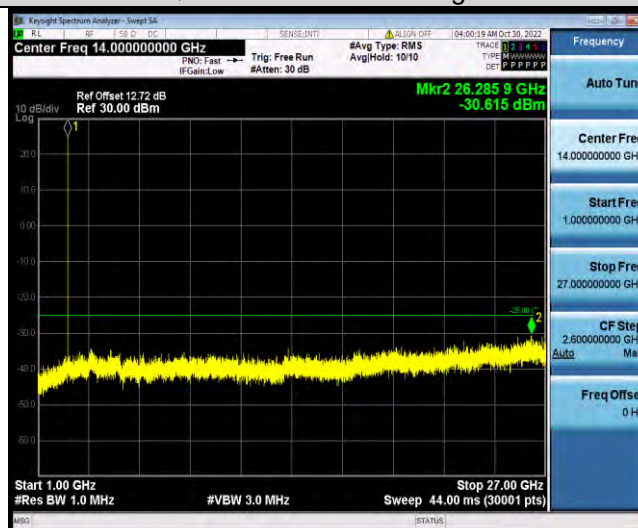


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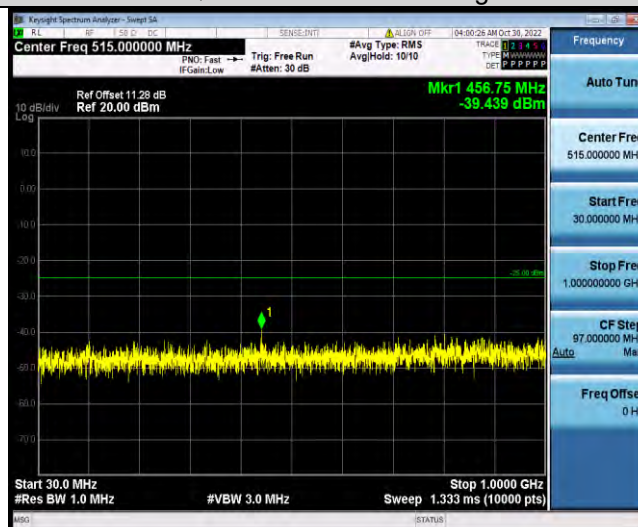
## Test Report No.: W7L-221021W001RF03



Band7-10MHz-16QAM-21100-1RB#0-Range2:1000~27000MHz



Band7-10MHz-16QAM-21400-1RB#0-Range1:30~1000MHz

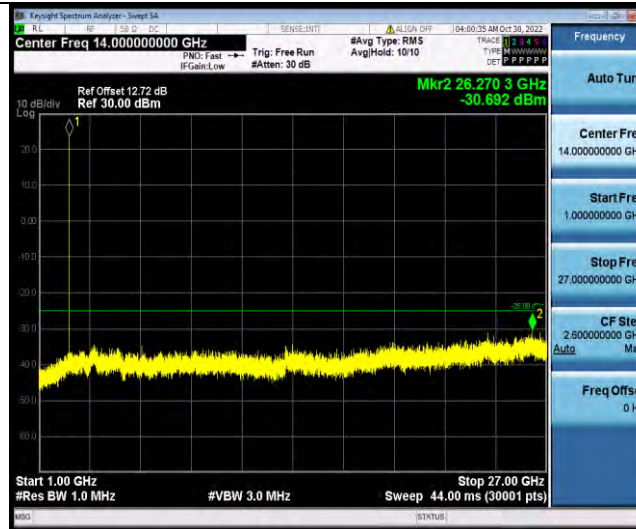


Band7-10MHz-16QAM-21400-1RB#0-Range2:1000~27000MHz



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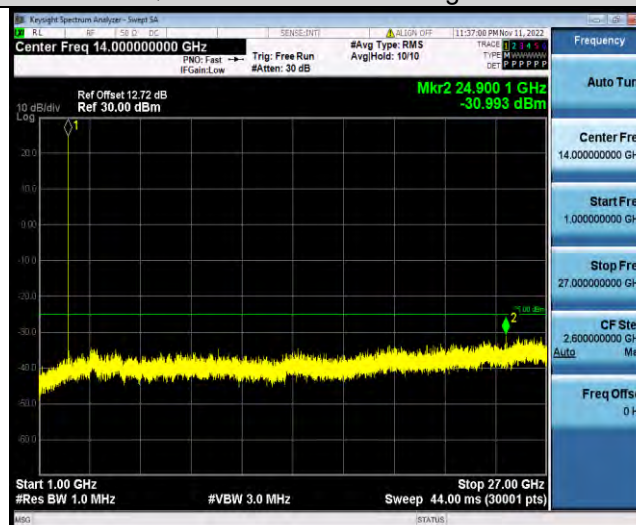
## Test Report No.: W7L-221021W001RF03



Band7-15MHz-QPSK-20825-1RB#0-Range1:30~1000MHz



Band7-15MHz-QPSK-20825-1RB#0-Range2:1000~27000MHz

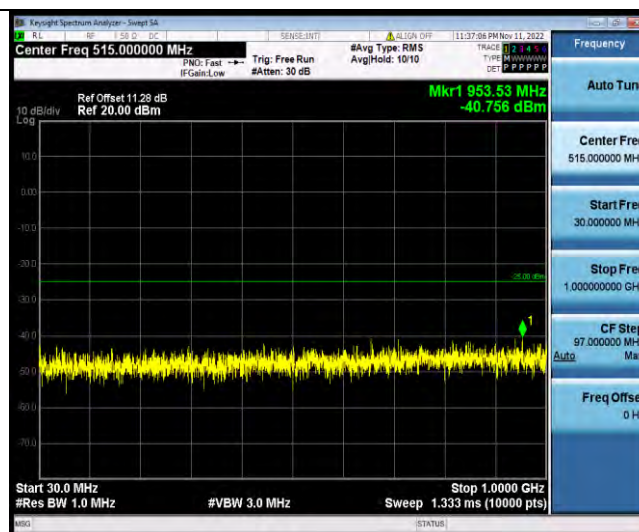


Band7-15MHz-QPSK-21100-1RB#0-Range1:30~1000MHz

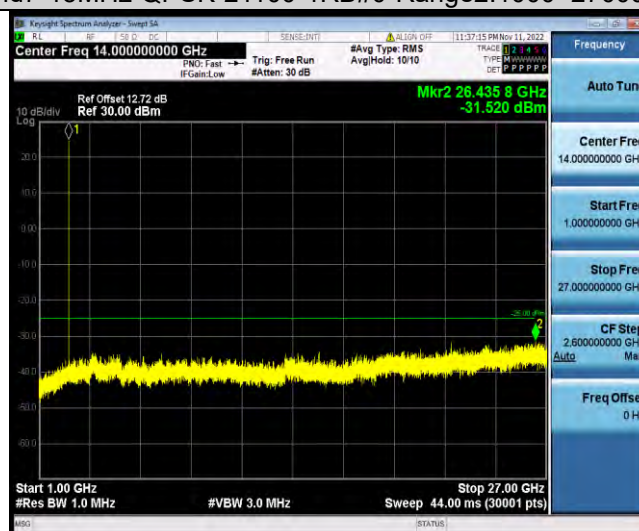


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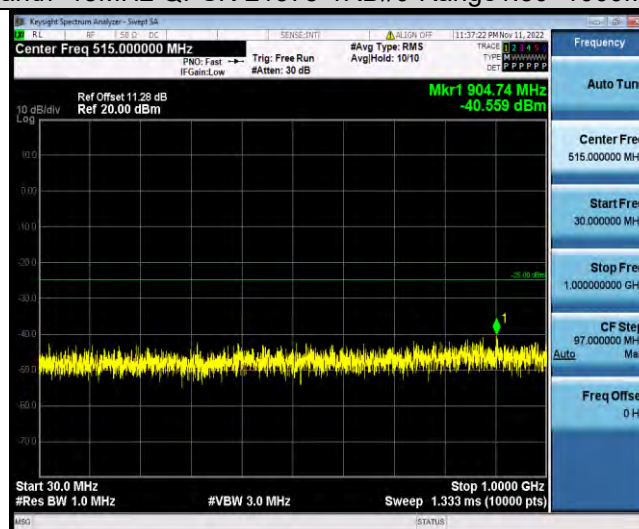
## Test Report No.: W7L-221021W001RF03



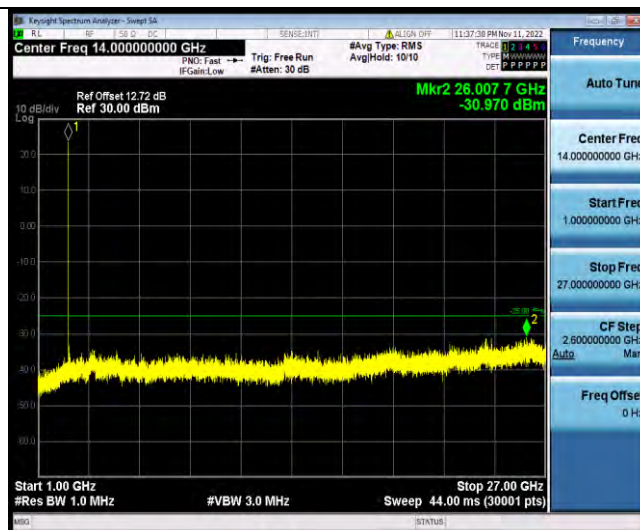
Band7-15MHz-QPSK-21100-1RB#0-Range2:1000~27000MHz



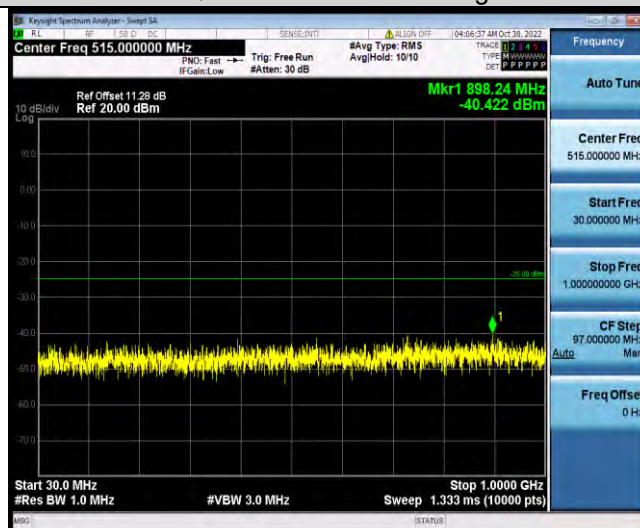
Band7-15MHz-QPSK-21375-1RB#0-Range1:30~1000MHz



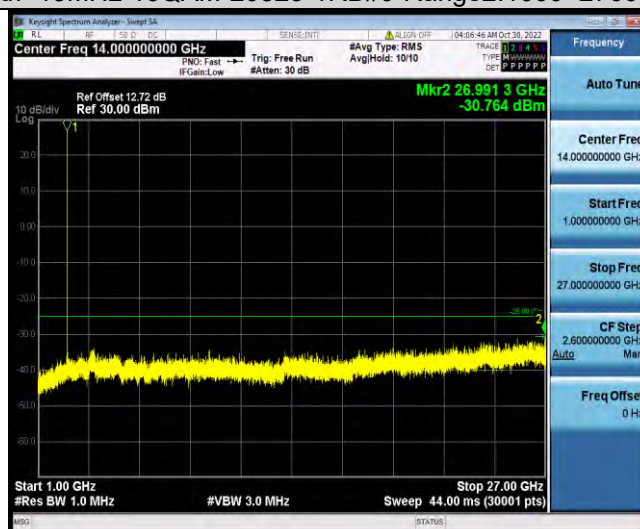
Band7-15MHz-QPSK-21375-1RB#0-Range2:1000~27000MHz



Band7-15MHz-16QAM-20825-1RB#0-Range1:30~1000MHz



Band7-15MHz-16QAM-20825-1RB#0-Range2:1000~27000MHz

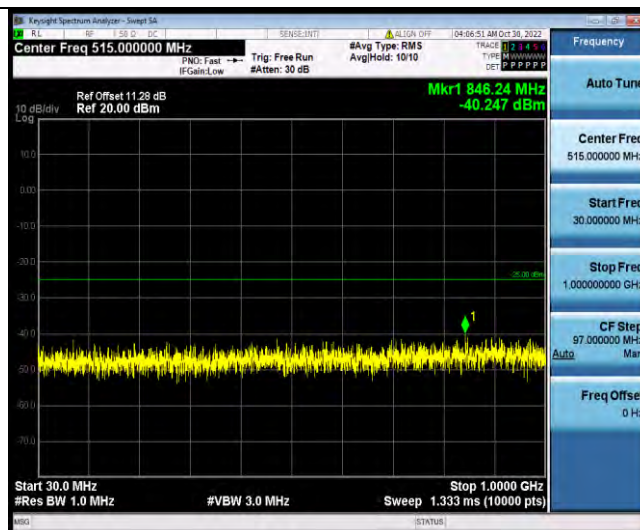


Band7-15MHz-16QAM-21100-1RB#0-Range1:30~1000MHz

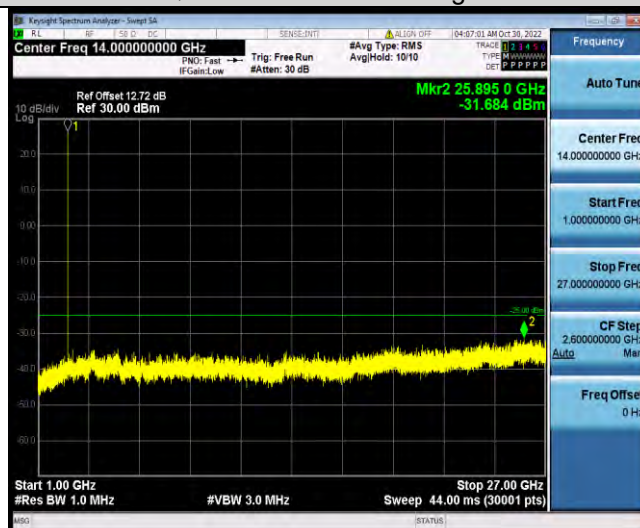


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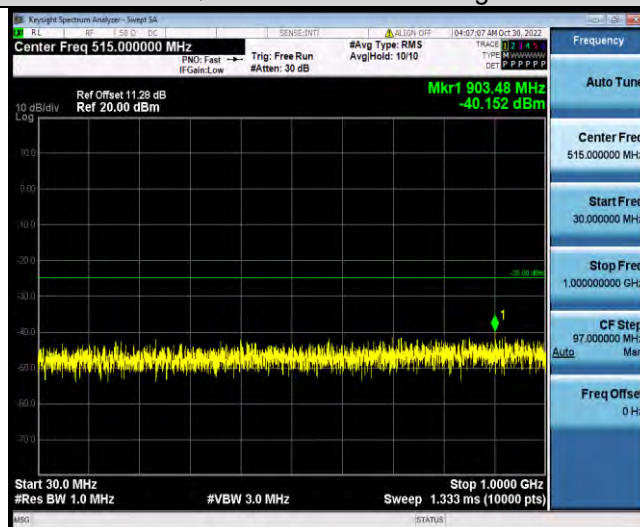
## Test Report No.: W7L-221021W001RF03



Band7-15MHz-16QAM-21100-1RB#0-Range2:1000~27000MHz



Band7-15MHz-16QAM-21375-1RB#0-Range1:30~1000MHz

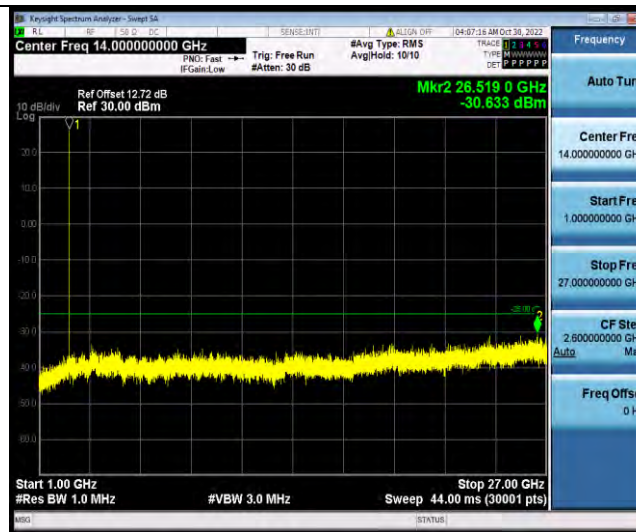


Band7-15MHz-16QAM-21375-1RB#0-Range2:1000~27000MHz

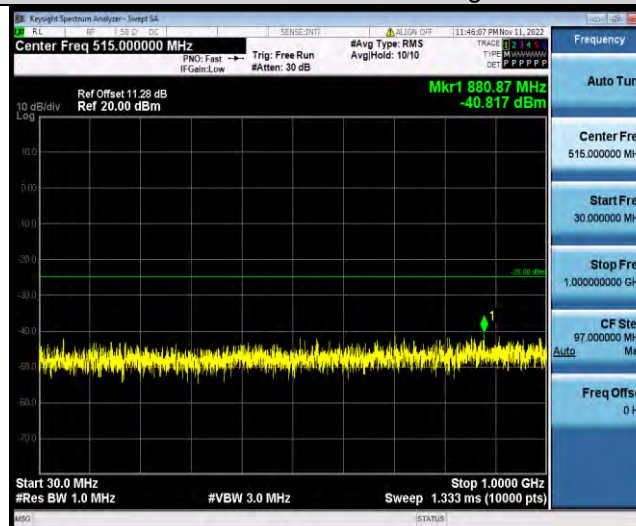


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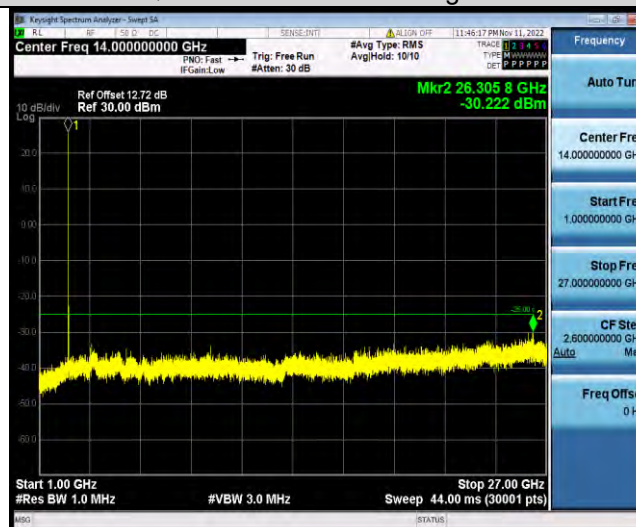
## Test Report No.: W7L-221021W001RF03



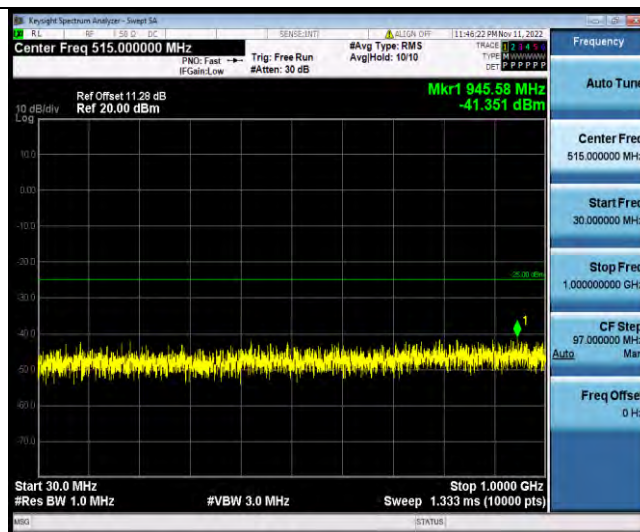
Band7-20MHz-QPSK-20850-1RB#0-Range1:30~1000MHz



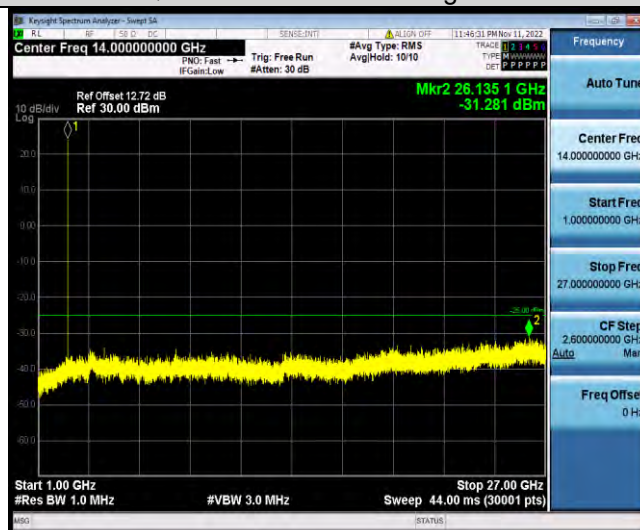
Band7-20MHz-QPSK-20850-1RB#0-Range2:1000~27000MHz



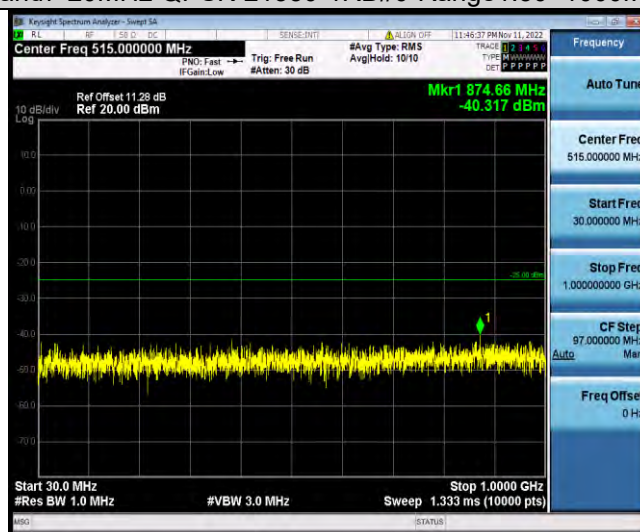
Band7-20MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



Band7-20MHz-QPSK-21100-1RB#0-Range2:1000~27000MHz



Band7-20MHz-QPSK-21350-1RB#0-Range1:30~1000MHz

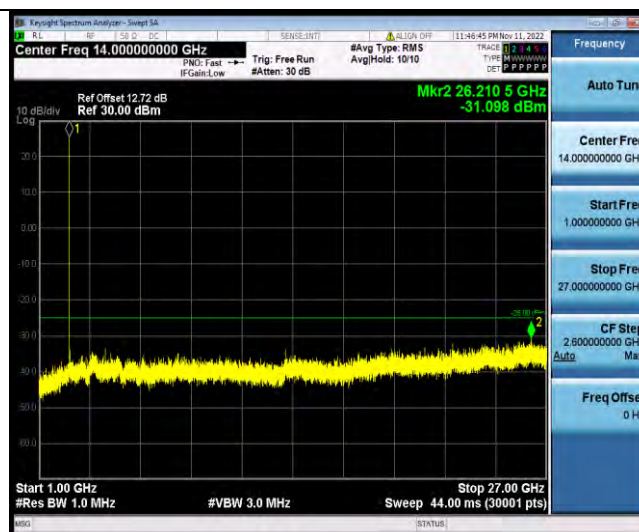


Band7-20MHz-QPSK-21350-1RB#0-Range2:1000~27000MHz

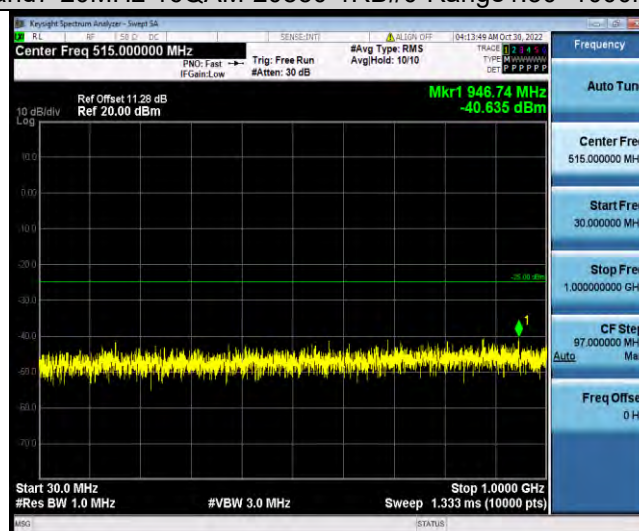


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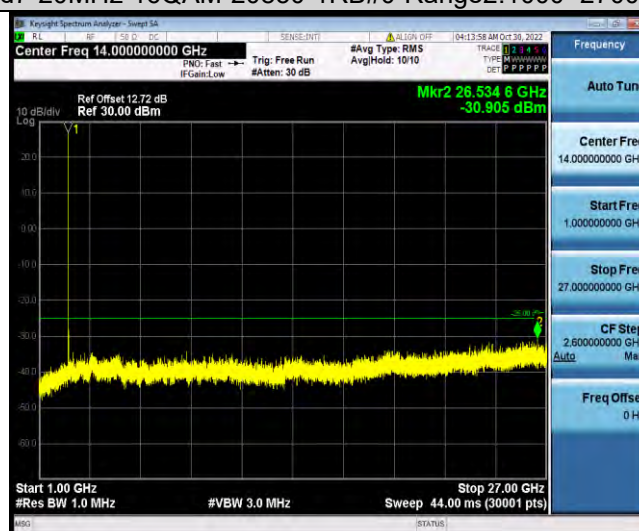
## Test Report No.: W7L-221021W001RF03



Band7-20MHz-16QAM-20850-1RB#0-Range1:30~1000MHz



Band7-20MHz-16QAM-20850-1RB#0-Range2:1000~27000MHz

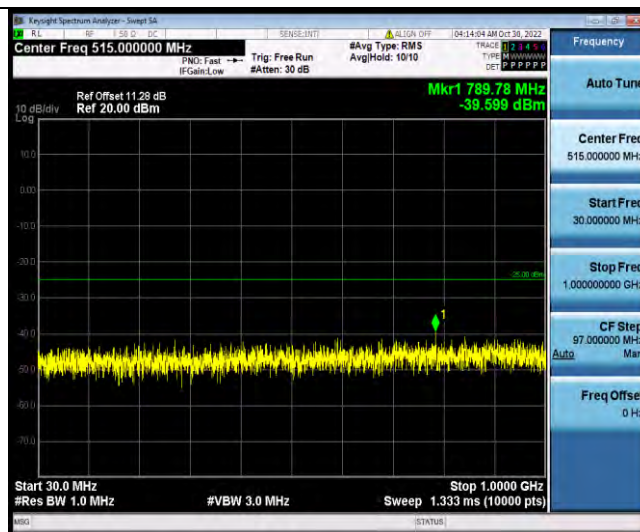


Band7-20MHz-16QAM-21100-1RB#0-Range1:30~1000MHz

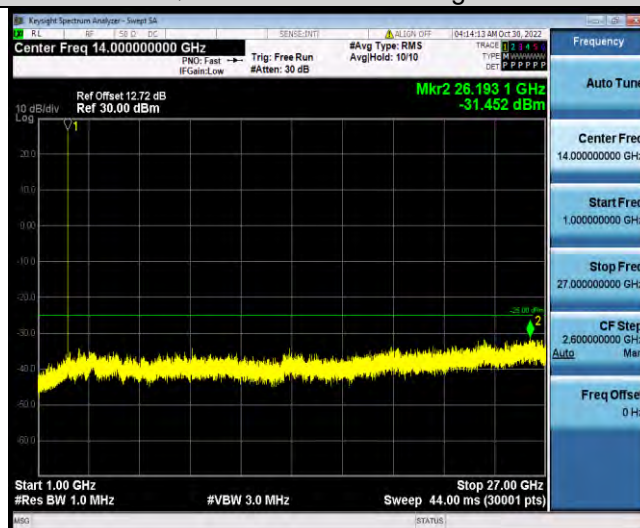


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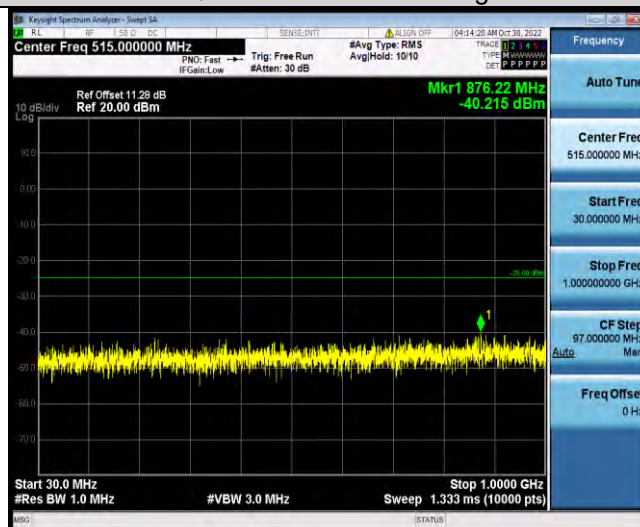
## Test Report No.: W7L-221021W001RF03



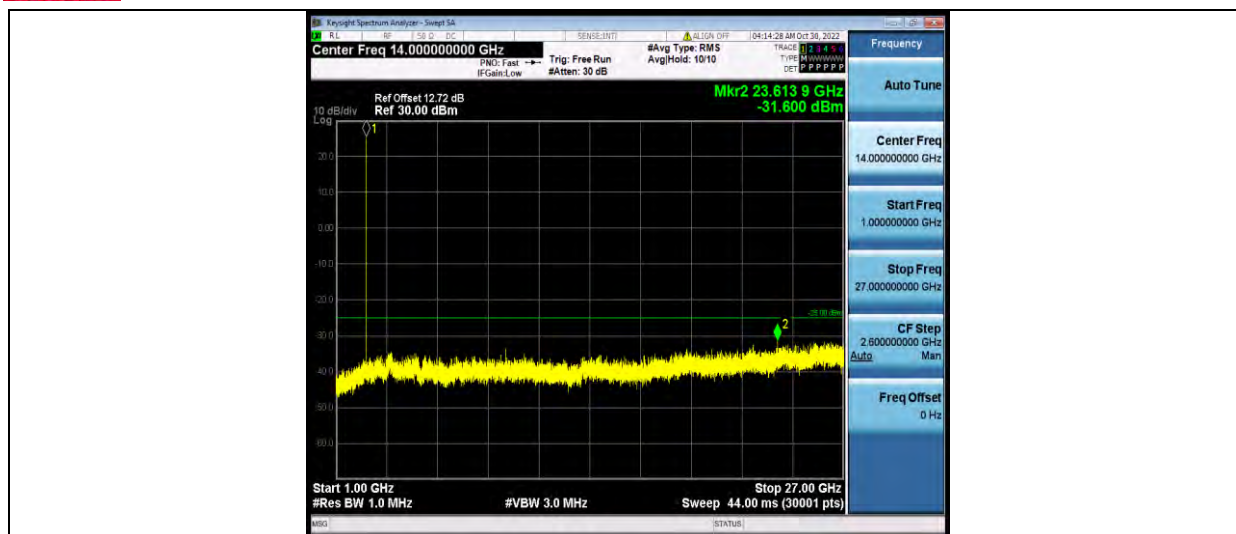
Band7-20MHz-16QAM-21100-1RB#0-Range2:1000~27000MHz



Band7-20MHz-16QAM-21350-1RB#0-Range1:30~1000MHz



Band7-20MHz-16QAM-21350-1RB#0-Range2:1000~27000MHz



## FREQUENCY STABILITY

### Test Result

| Voltage |           |            |         |              |               |                  |                |                 |             |         |
|---------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band7   | 5MHz      | QPSK       | 20775   | 25RB#0       | VL            | NT               | -8.08          | -0.003229       | ±2.5        | PASS    |
| Band7   | 5MHz      | QPSK       | 20775   | 25RB#0       | VN            | NT               | 7.04           | 0.002813        | ±2.5        | PASS    |
| Band7   | 5MHz      | QPSK       | 20775   | 25RB#0       | VH            | NT               | -7.81          | -0.003121       | ±2.5        | PASS    |
| Band7   | 5MHz      | QPSK       | 21100   | 25RB#0       | VL            | NT               | -15.99         | -0.006308       | ±2.5        | PASS    |
| Band7   | 5MHz      | QPSK       | 21100   | 25RB#0       | VN            | NT               | -8.01          | -0.003160       | ±2.5        | PASS    |
| Band7   | 5MHz      | QPSK       | 21100   | 25RB#0       | VH            | NT               | -8.88          | -0.003503       | ±2.5        | PASS    |
| Band7   | 5MHz      | QPSK       | 21425   | 25RB#0       | VL            | NT               | -9.97          | -0.003883       | ±2.5        | PASS    |
| Band7   | 5MHz      | QPSK       | 21425   | 25RB#0       | VN            | NT               | -22.20         | -0.008647       | ±2.5        | PASS    |
| Band7   | 5MHz      | QPSK       | 21425   | 25RB#0       | VH            | NT               | -10.29         | -0.004008       | ±2.5        | PASS    |
| Band7   | 5MHz      | 16QAM      | 20775   | 25RB#0       | VL            | NT               | -3.60          | -0.001439       | ±2.5        | PASS    |
| Band7   | 5MHz      | 16QAM      | 20775   | 25RB#0       | VN            | NT               | 4.63           | 0.001850        | ±2.5        | PASS    |
| Band7   | 5MHz      | 16QAM      | 20775   | 25RB#0       | VH            | NT               | -2.57          | -0.001027       | ±2.5        | PASS    |
| Band7   | 5MHz      | 16QAM      | 21100   | 25RB#0       | VL            | NT               | -18.51         | -0.007302       | ±2.5        | PASS    |
| Band7   | 5MHz      | 16QAM      | 21100   | 25RB#0       | VN            | NT               | -6.65          | -0.002623       | ±2.5        | PASS    |
| Band7   | 5MHz      | 16QAM      | 21100   | 25RB#0       | VH            | NT               | -9.04          | -0.003566       | ±2.5        | PASS    |
| Band7   | 5MHz      | 16QAM      | 21425   | 25RB#0       | VL            | NT               | -21.84         | -0.008506       | ±2.5        | PASS    |
| Band7   | 5MHz      | 16QAM      | 21425   | 25RB#0       | VN            | NT               | -18.04         | -0.007026       | ±2.5        | PASS    |
| Band7   | 5MHz      | 16QAM      | 21425   | 25RB#0       | VH            | NT               | -16.51         | -0.006430       | ±2.5        | PASS    |
| Band7   | 10MHz     | QPSK       | 20800   | 50RB#0       | VL            | NT               | -3.05          | -0.001218       | ±2.5        | PASS    |
| Band7   | 10MHz     | QPSK       | 20800   | 50RB#0       | VN            | NT               | -7.94          | -0.003170       | ±2.5        | PASS    |
| Band7   | 10MHz     | QPSK       | 20800   | 50RB#0       | VH            | NT               | -9.10          | -0.003633       | ±2.5        | PASS    |
| Band7   | 10MHz     | QPSK       | 21100   | 50RB#0       | VL            | NT               | -6.37          | -0.002513       | ±2.5        | PASS    |
| Band7   | 10MHz     | QPSK       | 21100   | 50RB#0       | VN            | NT               | 13.16          | 0.005191        | ±2.5        | PASS    |
| Band7   | 10MHz     | QPSK       | 21100   | 50RB#0       | VH            | NT               | -13.58         | -0.005357       | ±2.5        | PASS    |
| Band7   | 10MHz     | QPSK       | 21400   | 50RB#0       | VL            | NT               | -7.35          | -0.002865       | ±2.5        | PASS    |
| Band7   | 10MHz     | QPSK       | 21400   | 50RB#0       | VN            | NT               | -9.93          | -0.003871       | ±2.5        | PASS    |
| Band7   | 10MHz     | QPSK       | 21400   | 50RB#0       | VH            | NT               | 4.53           | 0.001766        | ±2.5        | PASS    |
| Band7   | 10MHz     | 16QAM      | 20800   | 50RB#0       | VL            | NT               | 4.08           | 0.001629        | ±2.5        | PASS    |
| Band7   | 10MHz     | 16QAM      | 20800   | 50RB#0       | VN            | NT               | -12.37         | -0.004938       | ±2.5        | PASS    |
| Band7   | 10MHz     | 16QAM      | 20800   | 50RB#0       | VH            | NT               | -5.75          | -0.002295       | ±2.5        | PASS    |
| Band7   | 10MHz     | 16QAM      | 21100   | 50RB#0       | VL            | NT               | -13.80         | -0.005444       | ±2.5        | PASS    |
| Band7   | 10MHz     | 16QAM      | 21100   | 50RB#0       | VN            | NT               | 9.11           | 0.003594        | ±2.5        | PASS    |
| Band7   | 10MHz     | 16QAM      | 21100   | 50RB#0       | VH            | NT               | 8.83           | 0.003483        | ±2.5        | PASS    |
| Band7   | 10MHz     | 16QAM      | 21400   | 50RB#0       | VL            | NT               | 8.14           | 0.003173        | ±2.5        | PASS    |
| Band7   | 10MHz     | 16QAM      | 21400   | 50RB#0       | VN            | NT               | -12.97         | -0.005057       | ±2.5        | PASS    |
| Band7   | 10MHz     | 16QAM      | 21400   | 50RB#0       | VH            | NT               | -4.48          | -0.001747       | ±2.5        | PASS    |
| Band7   | 15MHz     | QPSK       | 20825   | 75RB#0       | VL            | NT               | 4.56           | 0.001819        | ±2.5        | PASS    |
| Band7   | 15MHz     | QPSK       | 20825   | 75RB#0       | VN            | NT               | -10.86         | -0.004331       | ±2.5        | PASS    |
| Band7   | 15MHz     | QPSK       | 20825   | 75RB#0       | VH            | NT               | -8.47          | -0.003378       | ±2.5        | PASS    |
| Band7   | 15MHz     | QPSK       | 21100   | 75RB#0       | VL            | NT               | -16.58         | -0.006540       | ±2.5        | PASS    |



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|       |       |       |       |         |    |    |        |           |      |      |
|-------|-------|-------|-------|---------|----|----|--------|-----------|------|------|
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | VN | NT | -14.75 | -0.005819 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | VH | NT | -15.29 | -0.006032 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | VL | NT | -6.38  | -0.002490 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | VN | NT | -17.45 | -0.006810 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | VH | NT | -11.32 | -0.004418 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | VL | NT | -8.45  | -0.003370 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | VN | NT | -8.41  | -0.003354 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | VH | NT | -8.83  | -0.003521 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | VL | NT | -19.57 | -0.007720 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | VN | NT | -17.52 | -0.006911 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | VH | NT | -12.35 | -0.004872 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | VL | NT | 4.78   | 0.001865  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | VN | NT | -12.59 | -0.004913 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | VH | NT | 5.74   | 0.002240  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | VL | NT | -13.79 | -0.005494 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | VN | NT | -14.45 | -0.005757 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | VH | NT | -19.08 | -0.007602 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | VL | NT | 8.45   | 0.003333  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | VN | NT | 9.83   | 0.003878  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | VH | NT | -15.58 | -0.006146 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | VL | NT | -4.73  | -0.001848 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | VN | NT | -4.55  | -0.001777 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | VH | NT | -11.07 | -0.004324 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | VL | NT | -11.03 | -0.004394 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | VN | NT | -14.62 | -0.005825 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | VH | NT | -15.51 | -0.006179 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | VL | NT | 12.66  | 0.004994  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | VN | NT | -3.49  | -0.001377 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | VH | NT | 6.27   | 0.002473  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | VL | NT | -10.76 | -0.004203 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | VN | NT | 5.87   | 0.002293  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | VH | NT | -4.23  | -0.001652 | ±2.5 | PASS |

| Temperature |           |            |         |              |               |                  |                |                 |             |         |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band7       | 5MHz      | QPSK       | 20775   | 25RB#0       | NV            | -30              | -2.88          | -0.001151       | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 20775   | 25RB#0       | NV            | -20              | 12.72          | 0.005083        | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 20775   | 25RB#0       | NV            | 0                | 4.22           | 0.001686        | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 20775   | 25RB#0       | NV            | 10               | -3.39          | -0.001355       | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 20775   | 25RB#0       | NV            | 20               | -8.04          | -0.003213       | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 21100   | 25RB#0       | NV            | -30              | -15.91         | -0.006276       | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 21100   | 25RB#0       | NV            | -20              | -14.53         | -0.005732       | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 21100   | 25RB#0       | NV            | 0                | -13.83         | -0.005456       | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 21100   | 25RB#0       | NV            | 10               | 7.25           | 0.002860        | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 21100   | 25RB#0       | NV            | 20               | 7.98           | 0.003148        | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 21425   | 25RB#0       | NV            | -30              | -8.90          | -0.003466       | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 21425   | 25RB#0       | NV            | -20              | -19.47         | -0.007583       | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 21425   | 25RB#0       | NV            | 0                | -9.46          | -0.003685       | ±2.5        | PASS    |



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|       |       |       |       |        |    |     |        |           |      |      |
|-------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band7 | 5MHz  | QPSK  | 21425 | 25RB#0 | NV | 10  | -15.46 | -0.006021 | ±2.5 | PASS |
| Band7 | 5MHz  | QPSK  | 21425 | 25RB#0 | NV | 20  | -11.74 | -0.004573 | ±2.5 | PASS |
| Band7 | 5MHz  | 16QAM | 20775 | 25RB#0 | NV | -30 | 5.45   | 0.002178  | ±2.5 | PASS |
| Band7 | 5MHz  | 16QAM | 20775 | 25RB#0 | NV | -20 | 3.88   | 0.001550  | ±2.5 | PASS |
| Band7 | 5MHz  | 16QAM | 20775 | 25RB#0 | NV | 0   | -5.61  | -0.002242 | ±2.5 | PASS |
| Band7 | 5MHz  | 16QAM | 20775 | 25RB#0 | NV | 10  | -9.77  | -0.003904 | ±2.5 | PASS |
| Band7 | 5MHz  | 16QAM | 20775 | 25RB#0 | NV | 20  | 2.63   | 0.001051  | ±2.5 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 25RB#0 | NV | -30 | 5.65   | 0.002229  | ±2.5 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 25RB#0 | NV | -20 | -5.28  | -0.002083 | ±2.5 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 25RB#0 | NV | 0   | -15.48 | -0.006107 | ±2.5 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 25RB#0 | NV | 10  | 10.80  | 0.004260  | ±2.5 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 25RB#0 | NV | 20  | -3.43  | -0.001353 | ±2.5 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0 | NV | -30 | -8.18  | -0.003186 | ±2.5 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0 | NV | -20 | -9.04  | -0.003521 | ±2.5 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0 | NV | 0   | -15.31 | -0.005963 | ±2.5 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0 | NV | 10  | -16.19 | -0.006306 | ±2.5 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0 | NV | 20  | -16.25 | -0.006329 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0 | NV | -30 | -11.23 | -0.004483 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0 | NV | -20 | 9.74   | 0.003888  | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0 | NV | 0   | 4.58   | 0.001828  | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0 | NV | 10  | -4.05  | -0.001617 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0 | NV | 20  | 5.41   | 0.002160  | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0 | NV | -30 | 10.71  | 0.004225  | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0 | NV | -20 | -6.85  | -0.002702 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0 | NV | 0   | -14.65 | -0.005779 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0 | NV | 10  | 12.69  | 0.005006  | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0 | NV | 20  | -16.31 | -0.006434 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0 | NV | -30 | 3.26   | 0.001271  | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0 | NV | -20 | 4.92   | 0.001918  | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0 | NV | 0   | -12.07 | -0.004706 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0 | NV | 10  | -9.18  | -0.003579 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0 | NV | 20  | -6.34  | -0.002472 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | NV | -30 | -5.11  | -0.002040 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | NV | -20 | 7.44   | 0.002970  | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | NV | 0   | -10.39 | -0.004148 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | NV | 10  | -9.37  | -0.003741 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | NV | 20  | -12.95 | -0.005170 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | NV | -30 | -12.06 | -0.004757 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | NV | -20 | -15.16 | -0.005980 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | NV | 0   | -18.94 | -0.007471 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | NV | 10  | -14.20 | -0.005602 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | NV | 20  | -19.18 | -0.007566 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | NV | -30 | -9.20  | -0.003587 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | NV | -20 | -4.88  | -0.001903 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | NV | 0   | -9.46  | -0.003688 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | NV | 10  | 3.98   | 0.001552  | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | NV | 20  | -4.65  | -0.001813 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0 | NV | -30 | 5.65   | 0.002253  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0 | NV | -20 | 10.87  | 0.004335  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0 | NV | 0   | 3.26   | 0.001300  | ±2.5 | PASS |



**BUREAU  
VERITAS**

**Test Report No.: W7L-221021W001RF03**

|       |       |       |       |         |    |     |        |           |      |      |
|-------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0  | NV | 10  | -11.07 | -0.004415 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0  | NV | 20  | 3.76   | 0.001500  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | NV | -30 | -11.74 | -0.004631 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | NV | -20 | 5.51   | 0.002174  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | NV | 0   | 4.91   | 0.001937  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | NV | 10  | -9.54  | -0.003763 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | NV | 20  | 2.09   | 0.000824  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | NV | -30 | 6.54   | 0.002552  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | NV | -20 | -11.43 | -0.004460 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | NV | 0   | -5.62  | -0.002193 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | NV | 10  | -13.73 | -0.005358 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | NV | 20  | -4.39  | -0.001713 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | NV | -30 | 3.40   | 0.001356  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | NV | -20 | 3.95   | 0.001575  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | NV | 0   | -8.04  | -0.003206 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | NV | 10  | -5.36  | -0.002138 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | NV | 20  | 13.23  | 0.005276  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | NV | -30 | 12.12  | 0.004781  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | NV | -20 | 7.57   | 0.002986  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | NV | 0   | 6.24   | 0.002462  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | NV | 10  | -10.64 | -0.004197 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | NV | 20  | -13.99 | -0.005519 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | NV | -30 | -8.45  | -0.003298 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | NV | -20 | -10.39 | -0.004055 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | NV | 0   | -3.82  | -0.001491 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | NV | 10  | -12.59 | -0.004913 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | NV | 20  | 6.15   | 0.002400  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | NV | -30 | -20.46 | -0.008151 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | NV | -20 | -7.28  | -0.002900 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | NV | 0   | -14.15 | -0.005637 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | NV | 10  | -14.86 | -0.005920 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | NV | 20  | -12.55 | -0.005000 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | NV | -30 | -16.79 | -0.006623 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | NV | -20 | 6.81   | 0.002686  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | NV | 0   | 11.90  | 0.004694  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | NV | 10  | -12.67 | -0.004998 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | NV | 20  | -10.30 | -0.004063 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | -30 | -7.55  | -0.002949 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | -20 | -3.50  | -0.001367 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | 0   | -7.51  | -0.002934 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | 10  | -5.42  | -0.002117 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | 20  | -8.17  | -0.003191 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | -30 | -23.26 | -0.009267 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | -20 | -16.94 | -0.006749 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 0   | -12.12 | -0.004829 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 10  | -19.58 | -0.007801 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 20  | -13.13 | -0.005231 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | -30 | 3.05   | 0.001203  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | -20 | -5.59  | -0.002205 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 0   | -6.22  | -0.002454 | ±2.5 | PASS |