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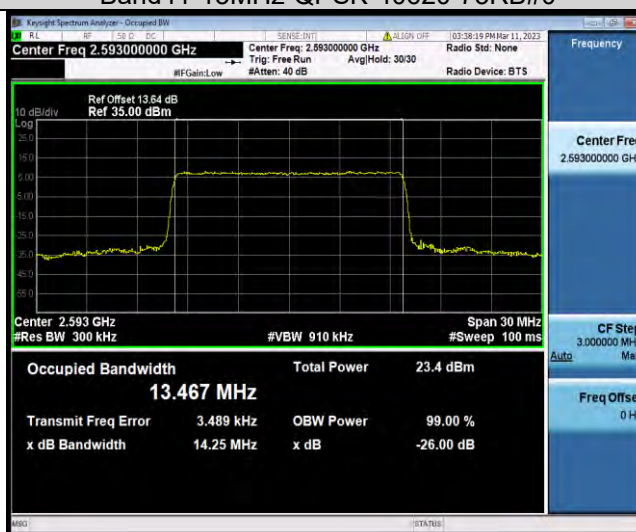
## Test Report No.: W7L-P23030003RF07



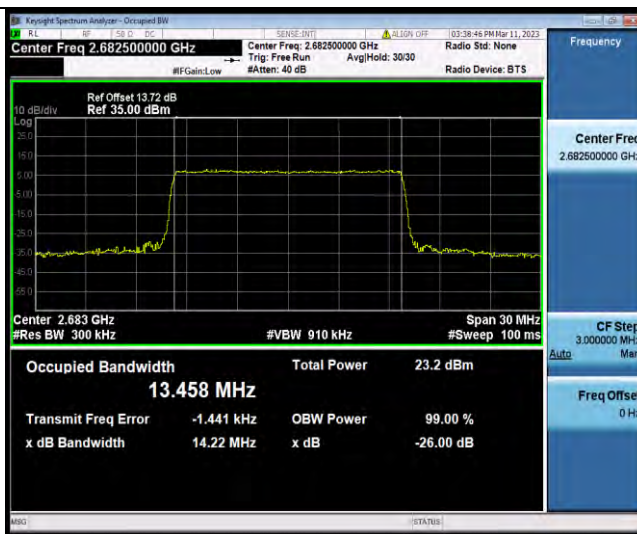
### Band41-15MHz-QPSK-39725-75RB#0



### Band41-15MHz-QPSK-40620-75RB#0



### Band41-15MHz-QPSK-41515-75RB#0



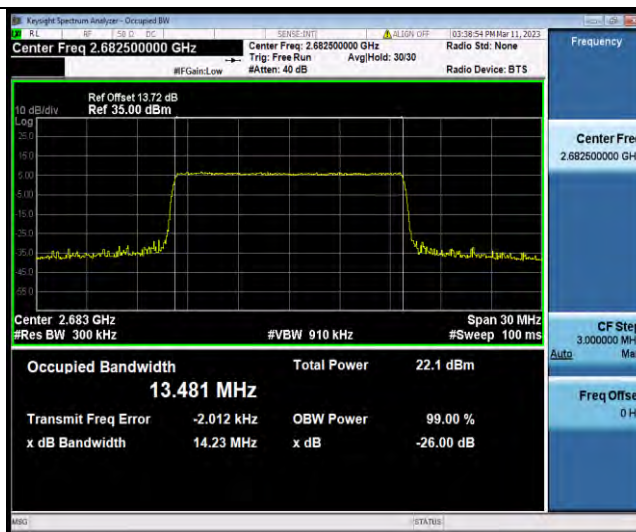
Band41-15MHz-16QAM-39725-75RB#0



Band41-15MHz-16QAM-40620-75RB#0



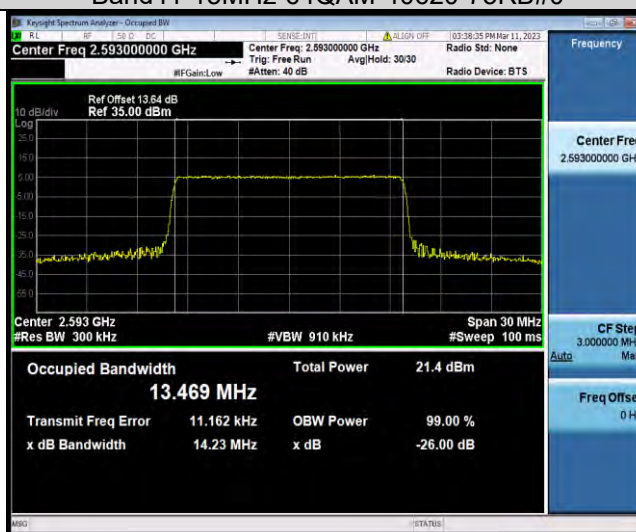
Band41-15MHz-16QAM-41515-75RB#0



Band41-15MHz-64QAM-39725-75RB#0



Band41-15MHz-64QAM-40620-75RB#0

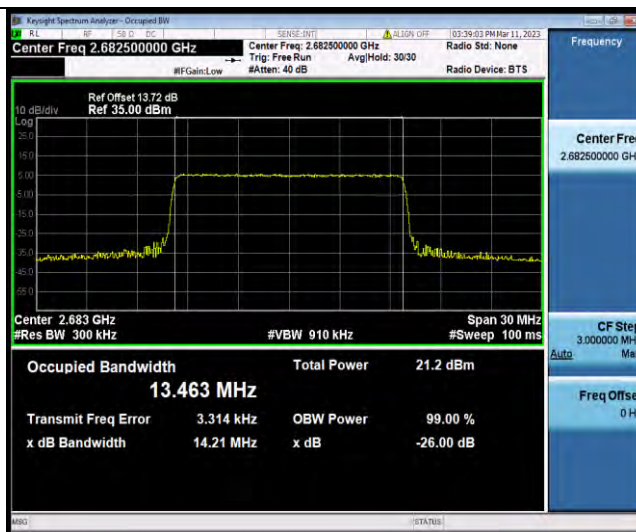


Band41-15MHz-64QAM-41515-75RB#0

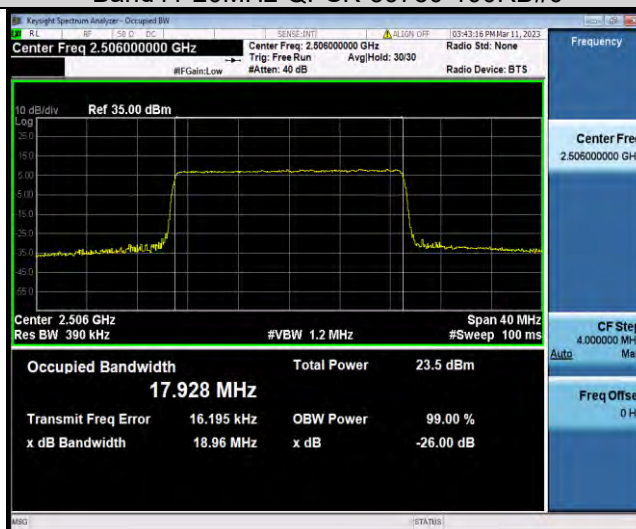


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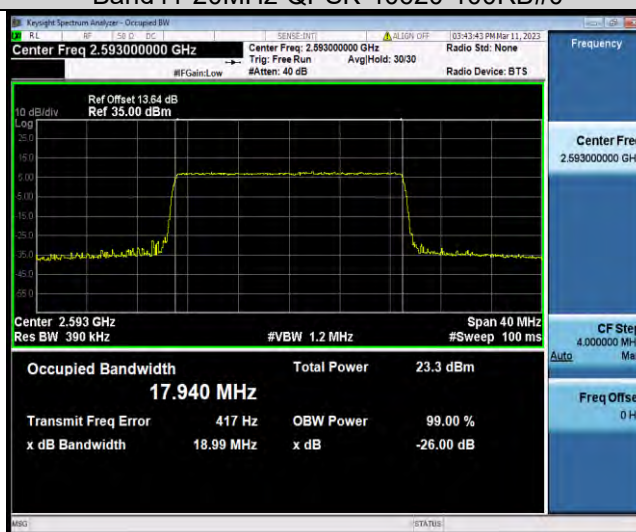
## Test Report No.: W7L-P23030003RF07



Band41-20MHz-QPSK-39750-100RB#0



Band41-20MHz-QPSK-40620-100RB#0

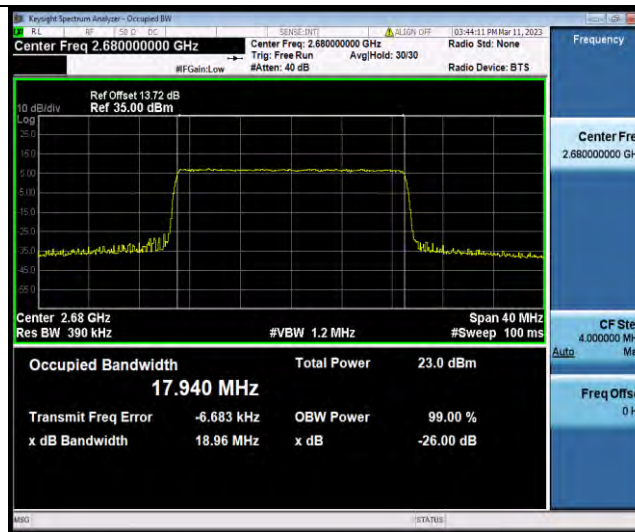


Band41-20MHz-QPSK-41490-100RB#0

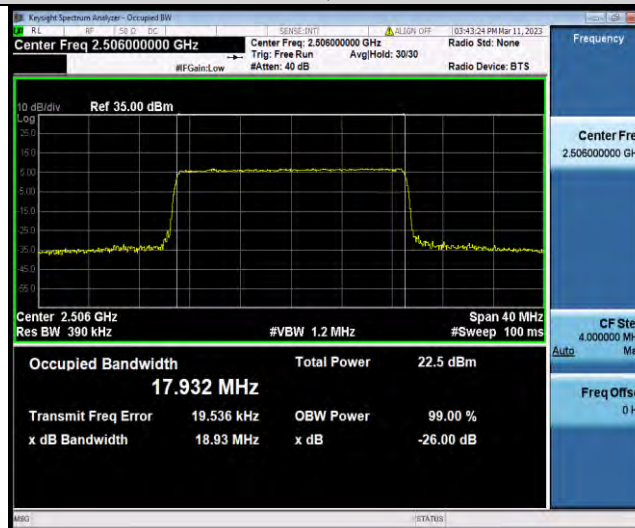


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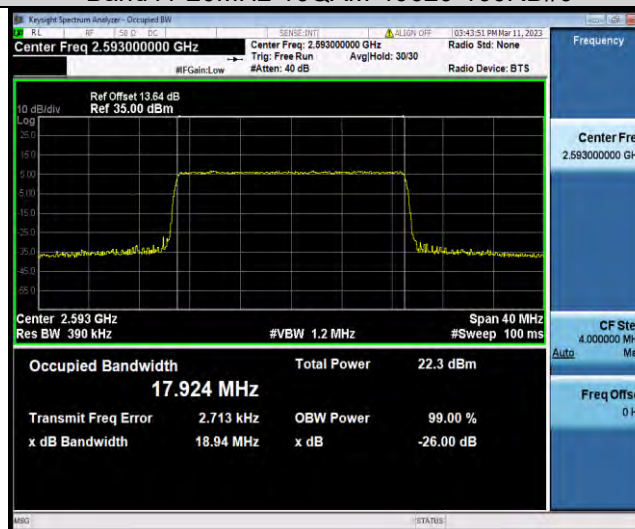
## Test Report No.: W7L-P23030003RF07



Band41-20MHz-16QAM-39750-100RB#0



Band41-20MHz-16QAM-40620-100RB#0

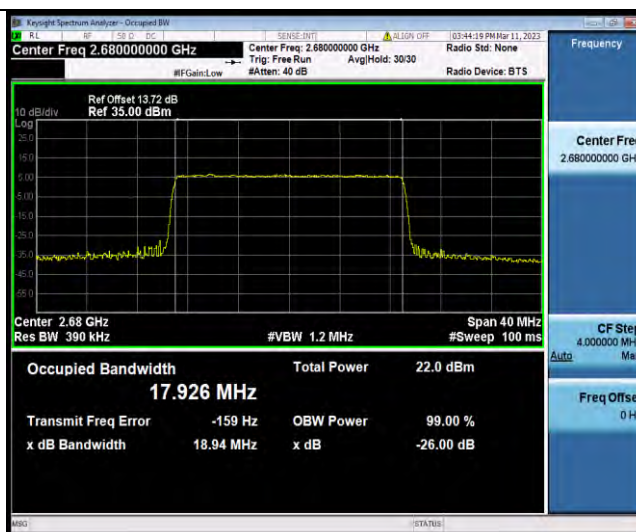


Band41-20MHz-16QAM-41490-100RB#0

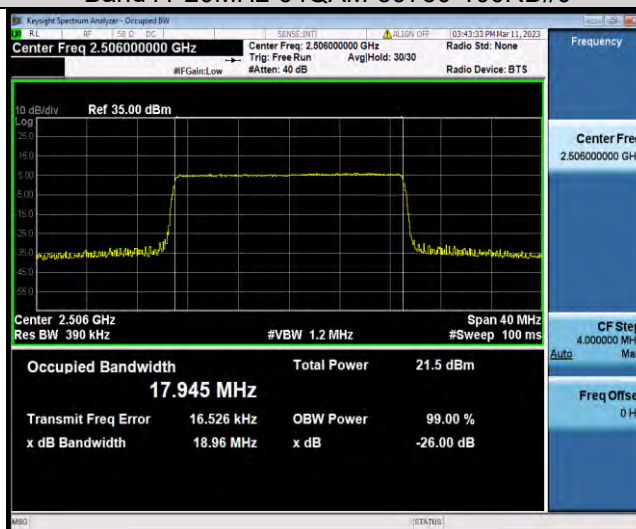


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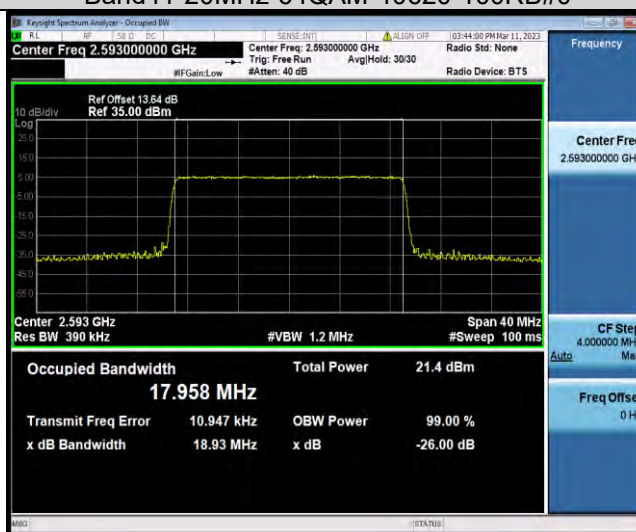
## Test Report No.: W7L-P23030003RF07



Band41-20MHz-64QAM-39750-100RB#0



Band41-20MHz-64QAM-40620-100RB#0

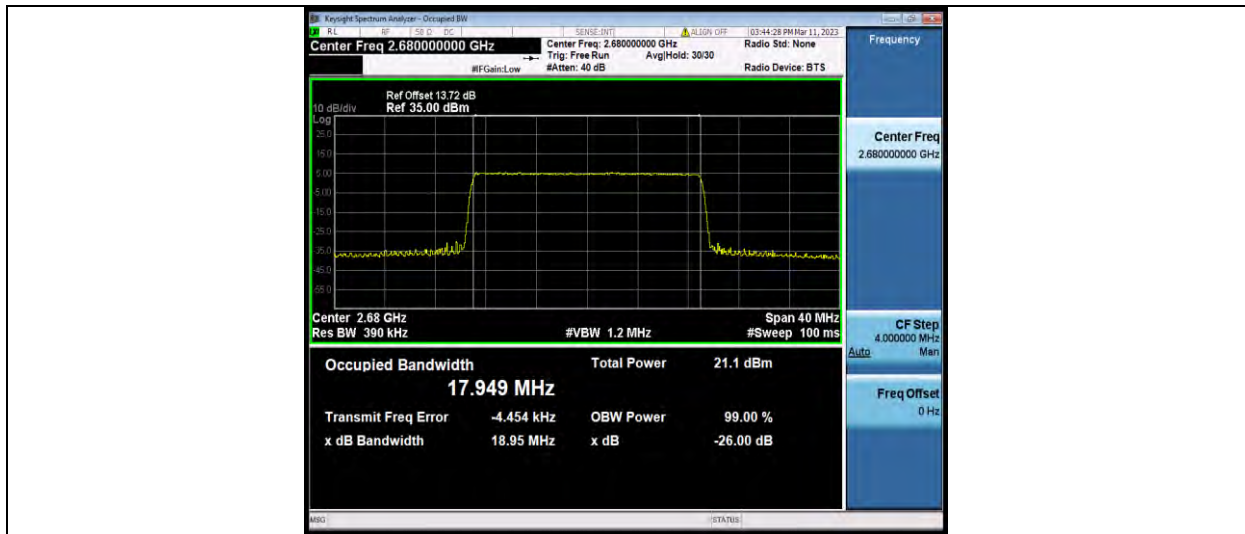


Band41-20MHz-64QAM-41490-100RB#0



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Test Report No.: W7L-P23030003RF07

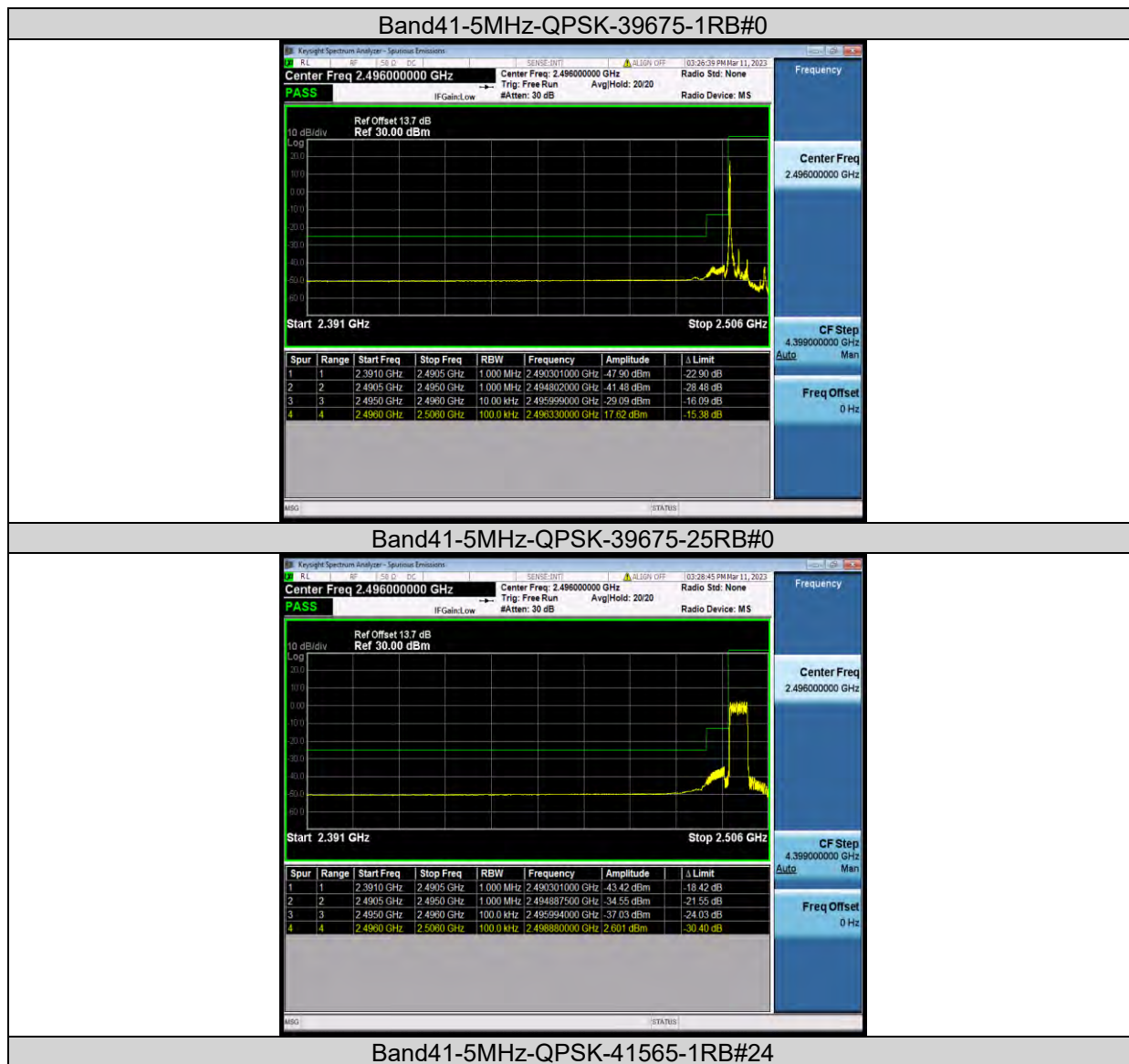


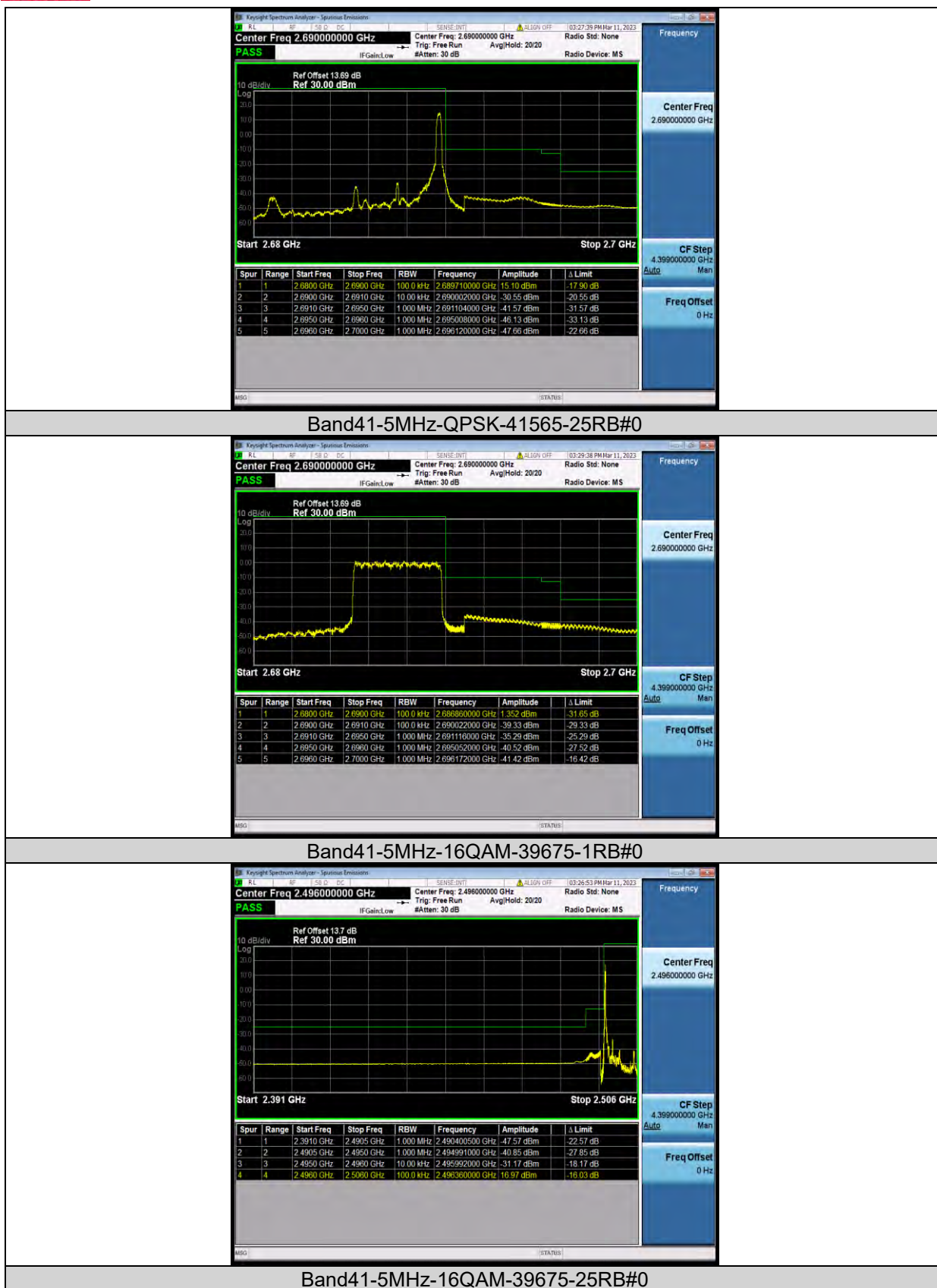
## BAND EDGE

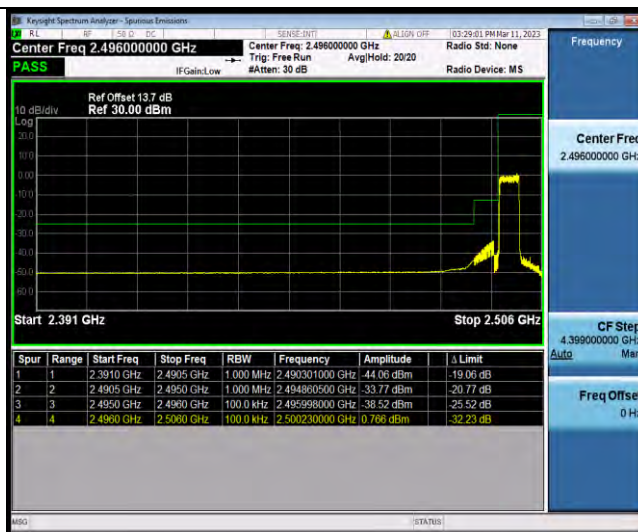
### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm)                 | Verdict |
|--------|-----------|------------|---------|------------------|-----------------------------|---------|
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#0            | -47.90,-41.48,-29.09        | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 25RB#0           | -43.42,-34.55,-37.03        | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#24           | -30.55,-41.57,-46.13,-47.66 | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 25RB#0           | -39.33,-35.29,-40.52,-41.42 | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#0            | -47.57,-40.85,-31.17        | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 25RB#0           | -44.06,-33.77,-38.52        | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 1RB#24           | -31.94,-41.60,-45.91,-47.69 | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 25RB#0           | -40.74,-34.65,-40.44,-41.50 | PASS    |
| Band41 | 5MHz      | 64QAM      | 39675   | 1RB#0            | -48.22,-42.31,-28.96        | PASS    |
| Band41 | 5MHz      | 64QAM      | 39675   | 25RB#0           | -44.33,-34.18,-38.61        | PASS    |
| Band41 | 5MHz      | 64QAM      | 41565   | 1RB#24           | -30.05,-42.48,-46.47,-48.14 | PASS    |
| Band41 | 5MHz      | 64QAM      | 41565   | 25RB#0           | -40.14,-35.44,-40.46,-42.49 | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 1RB#0            | -45.55,-42.35,-36.77        | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 50RB#0           | -39.27,-35.13,-37.25        | PASS    |
| Band41 | 10MHz     | QPSK       | 41540   | 1RB#49           | -34.31,-42.15,-45.49,-47.54 | PASS    |
| Band41 | 10MHz     | QPSK       | 41540   | 50RB#0           | -37.75,-35.53,-40.11,-44.07 | PASS    |
| Band41 | 10MHz     | 16QAM      | 39700   | 1RB#0            | -45.80,-42.80,-35.58        | PASS    |
| Band41 | 10MHz     | 16QAM      | 39700   | 50RB#0           | -42.21,-35.26,-38.60        | PASS    |
| Band41 | 10MHz     | 16QAM      | 41540   | 1RB#49           | -36.66,-43.01,-45.35,-48.20 | PASS    |
| Band41 | 10MHz     | 16QAM      | 41540   | 50RB#0           | -39.84,-37.15,-40.20,-43.49 | PASS    |
| Band41 | 10MHz     | 64QAM      | 39700   | 1RB#0            | -45.55,-43.64,-37.58        | PASS    |
| Band41 | 10MHz     | 64QAM      | 39700   | 50RB#0           | -41.88,-36.14,-40.55        | PASS    |
| Band41 | 10MHz     | 64QAM      | 41540   | 1RB#49           | -37.91,-43.65,-45.74,-48.09 | PASS    |
| Band41 | 10MHz     | 64QAM      | 41540   | 50RB#0           | -39.92,-38.04,-40.72,-43.56 | PASS    |
| Band41 | 15MHz     | QPSK       | 39725   | 1RB#0            | -43.44,-42.79,-36.29        | PASS    |
| Band41 | 15MHz     | QPSK       | 39725   | 75RB#0           | -37.84,-33.92,-36.35        | PASS    |
| Band41 | 15MHz     | QPSK       | 41515   | 1RB#74           | -41.38,-43.11,-41.30,-48.72 | PASS    |
| Band41 | 15MHz     | 16QAM      | 39725   | 1RB#0            | -44.59,-43.18,-39.28        | PASS    |
| Band41 | 15MHz     | 16QAM      | 39725   | 75RB#0           | -39.57,-36.05,-39.72        | PASS    |
| Band41 | 15MHz     | 16QAM      | 41515   | 1RB#74           | -39.53,-43.14,-44.50,-48.83 | PASS    |
| Band41 | 15MHz     | 64QAM      | 39725   | 1RB#0            | -45.47,-44.13,-40.53        | PASS    |
| Band41 | 15MHz     | 64QAM      | 39725   | 75RB#0           | -39.28,-37.25,-40.93        | PASS    |
| Band41 | 15MHz     | 64QAM      | 41515   | 1RB#74           | -40.72,-43.89,-45.15,-48.97 | PASS    |
| Band41 | 20MHz     | QPSK       | 39750   | 1RB#0            | -46.87,-44.50,-37.66        | PASS    |
| Band41 | 20MHz     | QPSK       | 39750   | 100RB#0          | -39.38,-37.61,-40.69        | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | 1RB#99           | -42.39,-43.28,-46.31,-49.16 | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | 100RB#0          | -42.11,-38.46,-39.96,-46.68 | PASS    |
| Band41 | 20MHz     | 16QAM      | 39750   | 1RB#0            | -47.06,-45.35,-41.41        | PASS    |
| Band41 | 20MHz     | 16QAM      | 39750   | 100RB#0          | -39.92,-38.54,-42.28        | PASS    |
| Band41 | 20MHz     | 16QAM      | 41490   | 1RB#99           | -39.71,-44.36,-46.61,-48.97 | PASS    |
| Band41 | 20MHz     | 16QAM      | 41490   | 100RB#0          | -43.91,-39.95,-41.32,-46.32 | PASS    |
| Band41 | 20MHz     | 64QAM      | 39750   | 1RB#0            | -47.45,-45.15,-41.55        | PASS    |
| Band41 | 20MHz     | 64QAM      | 39750   | 100RB#0          | -40.72,-39.05,-41.97        | PASS    |
| Band41 | 20MHz     | 64QAM      | 41490   | 1RB#99           | -41.15,-44.90,-46.76,-49.23 | PASS    |
| Band41 | 20MHz     | 64QAM      | 41490   | 100RB#0          | -44.75,-40.25,-41.08,-46.08 | PASS    |

## Test Graphs



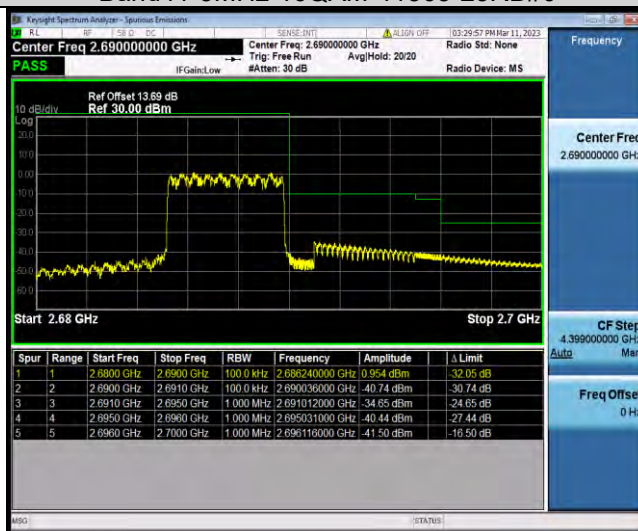




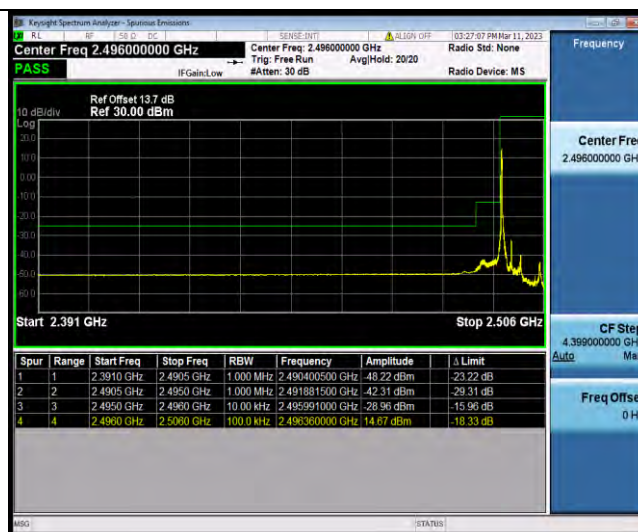
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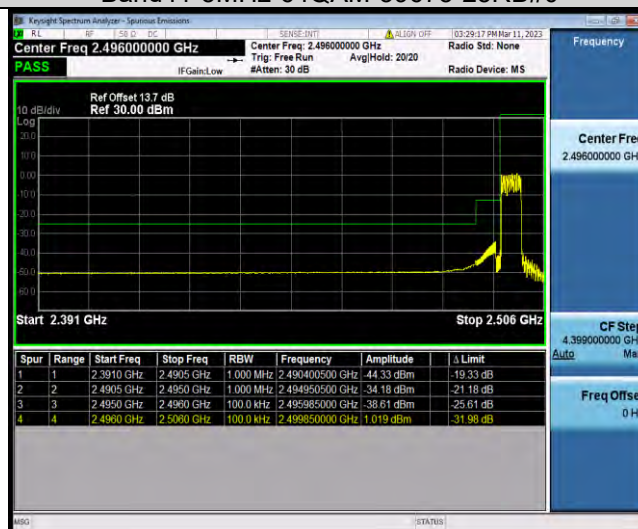
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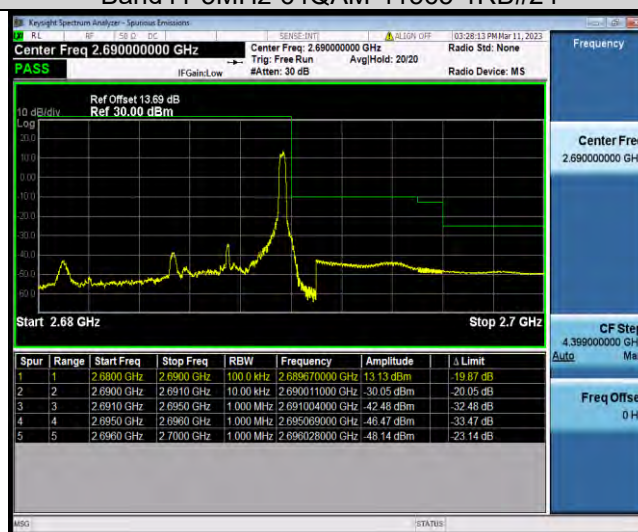
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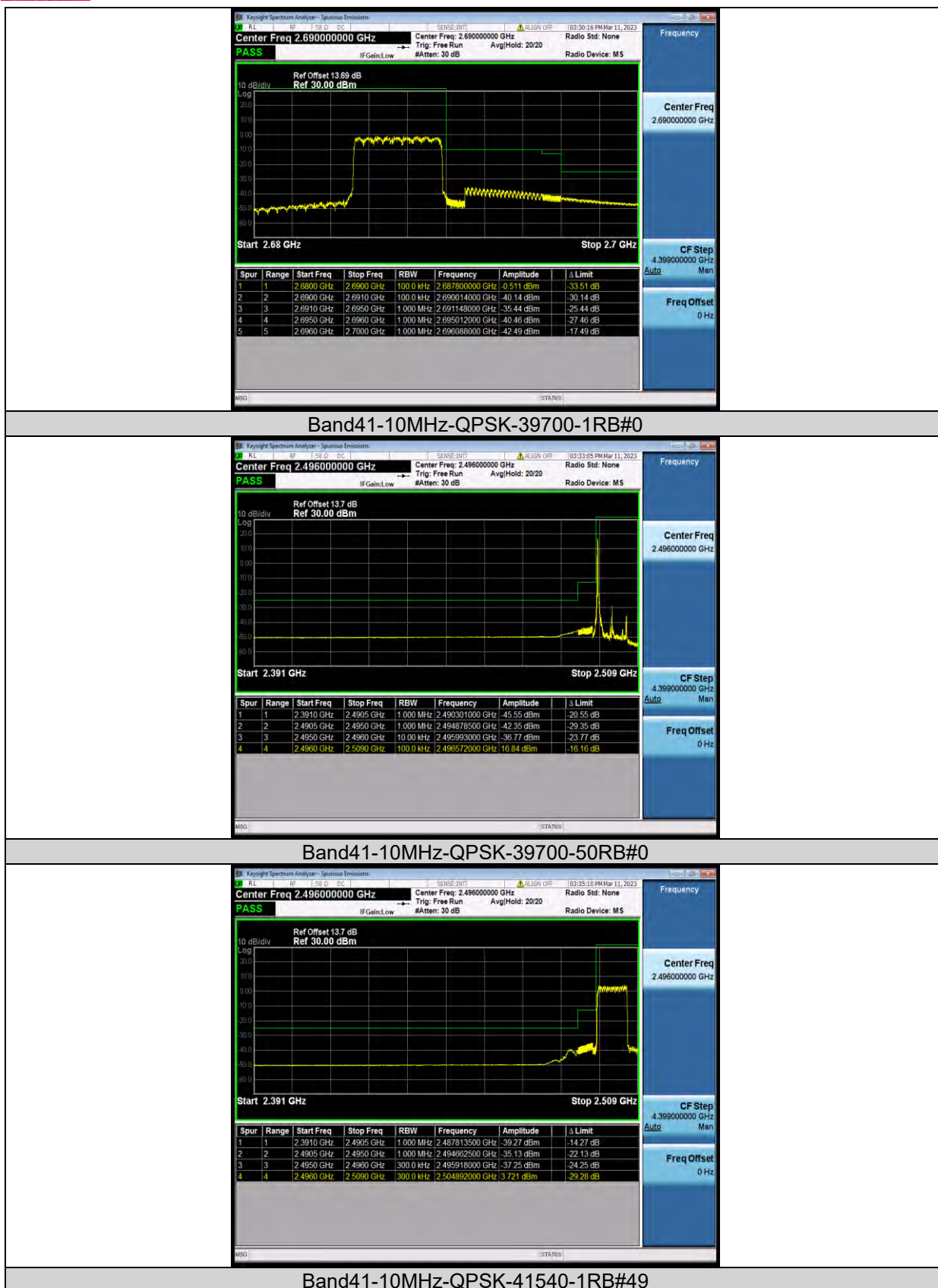
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Band41-5MHz-64QAM-41565-1RB#24



Band41-5MHz-64QAM-41565-25RB#0

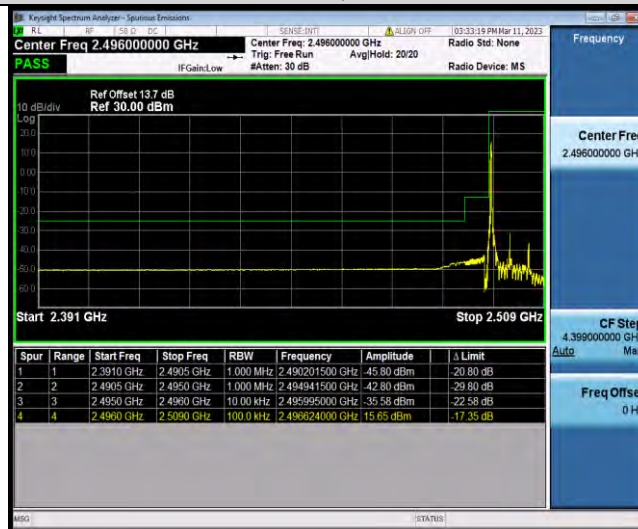




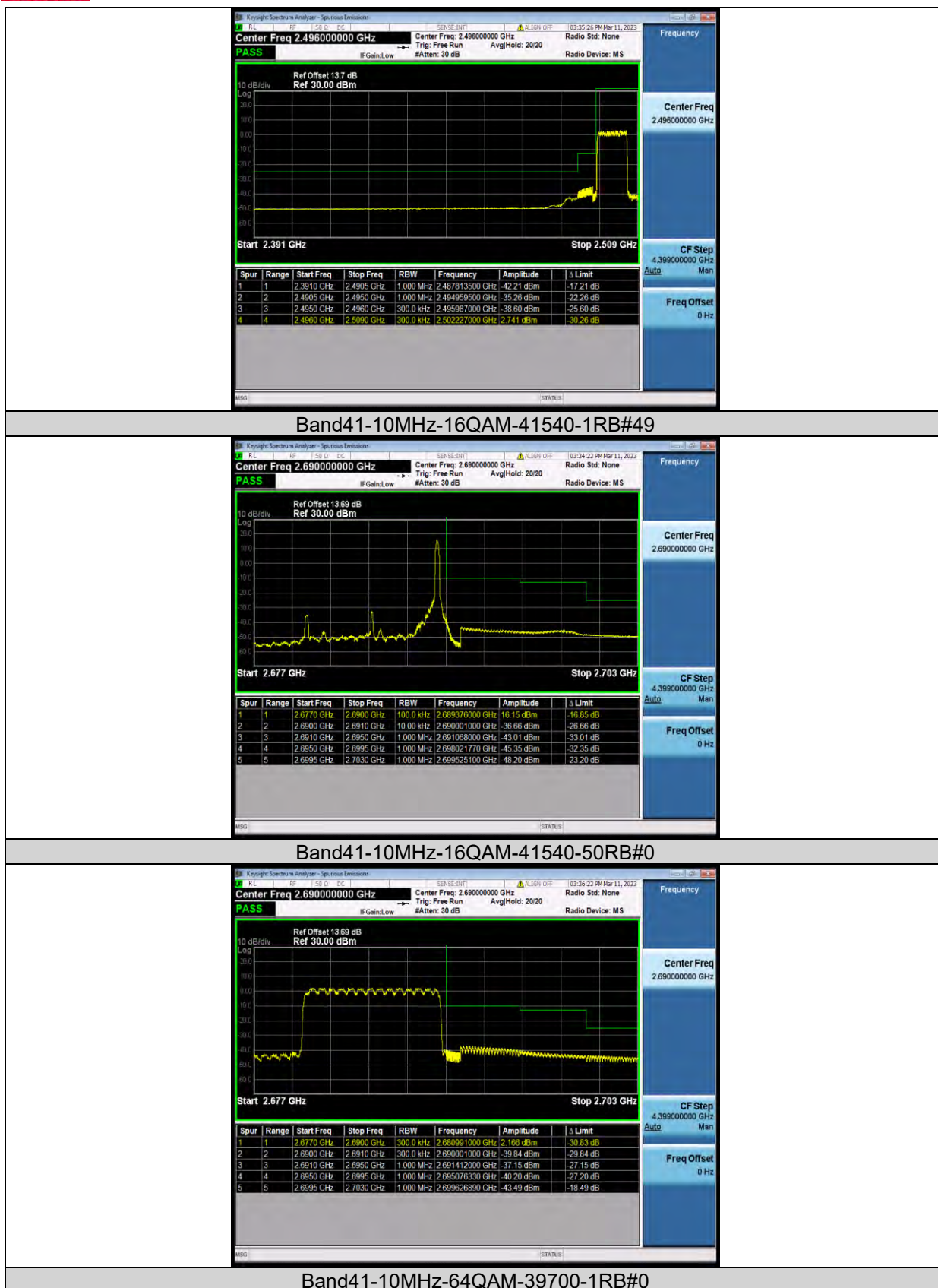
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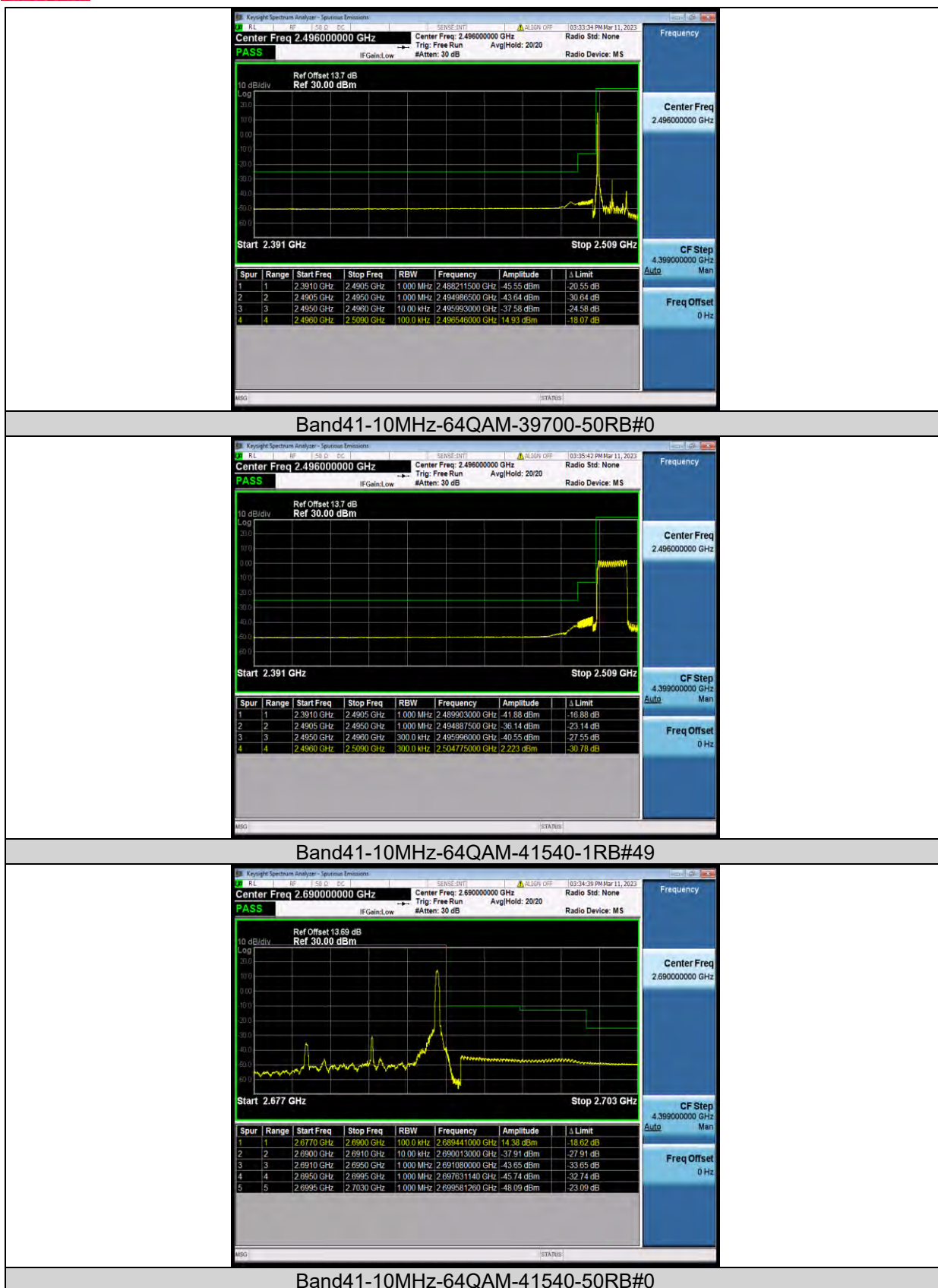


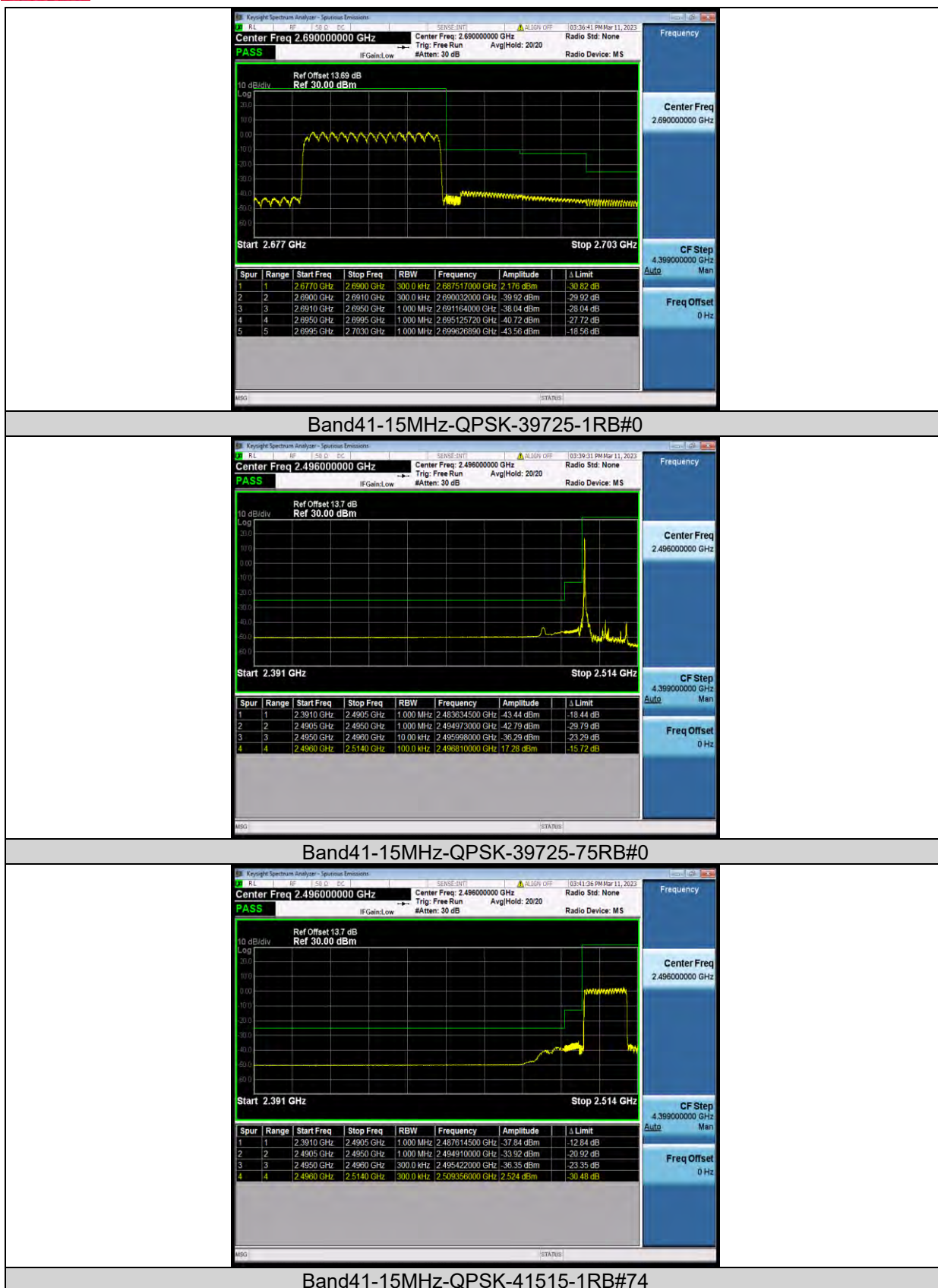
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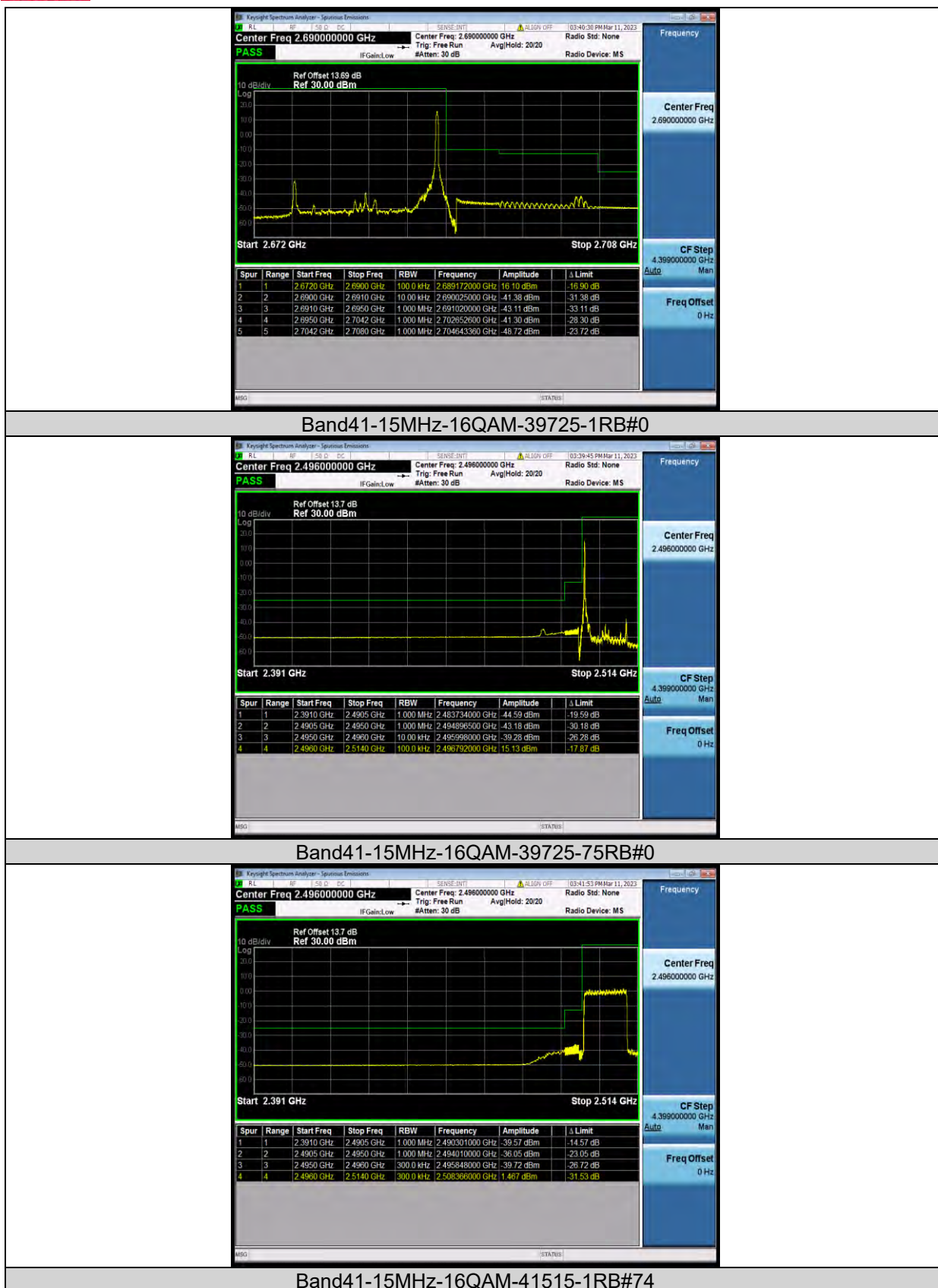


Band41-10MHz-16QAM-39700-50RB#0





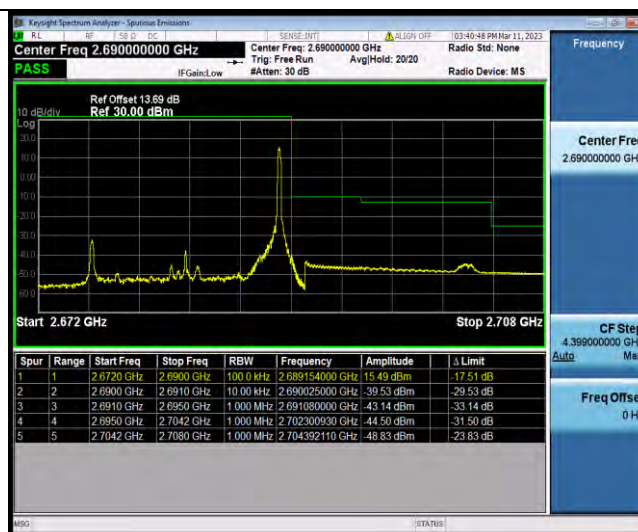




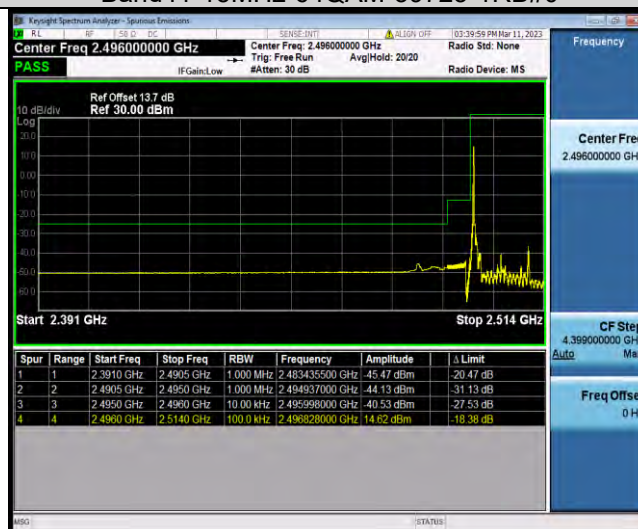


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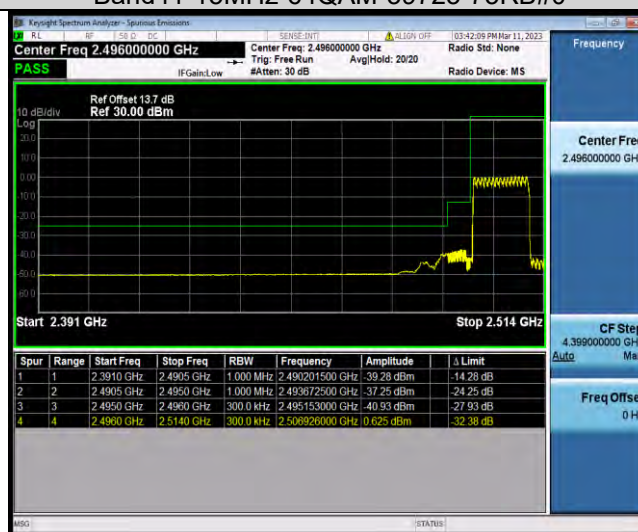
## Test Report No.: W7L-P23030003RF07



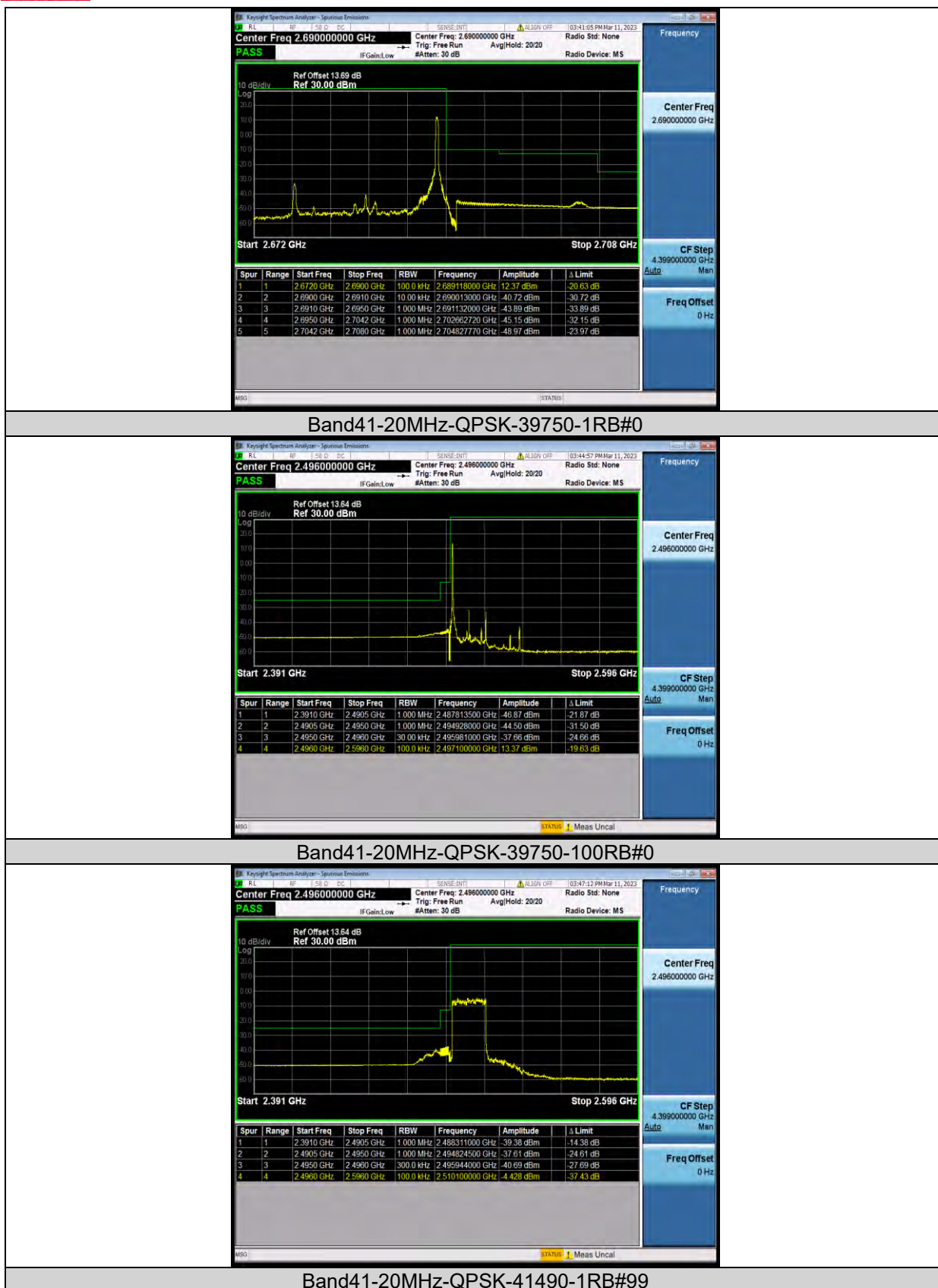
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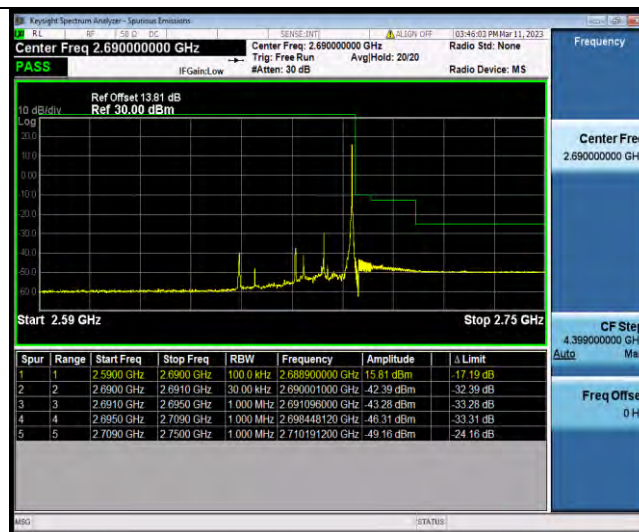


Band41-15MHz-64QAM-39725-75RB#0



Band41-15MHz-64QAM-41515-1RB#74

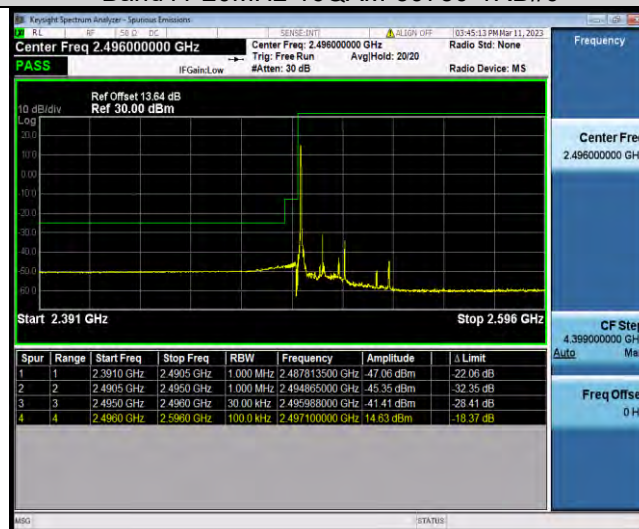




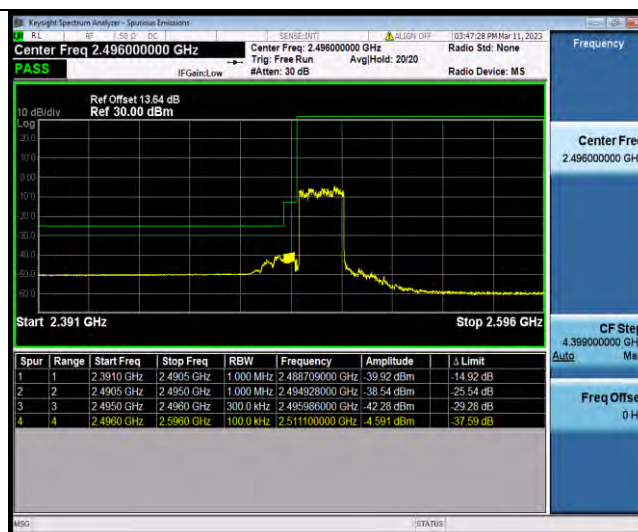
Band41-20MHz-QPSK-41490-100RB#0



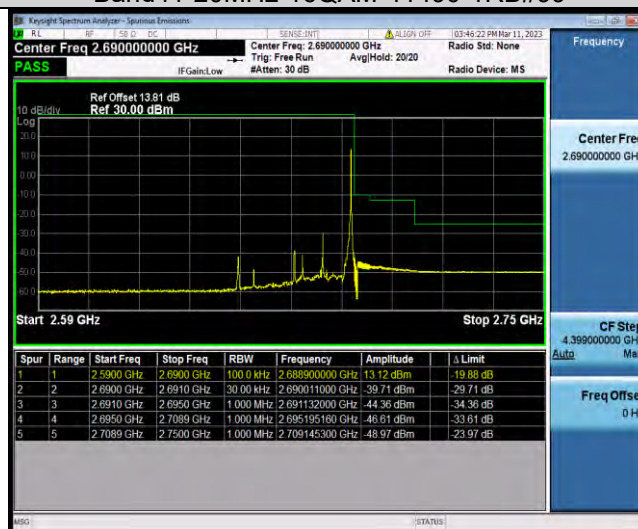
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Band41-20MHz-16QAM-39750-100RB#0



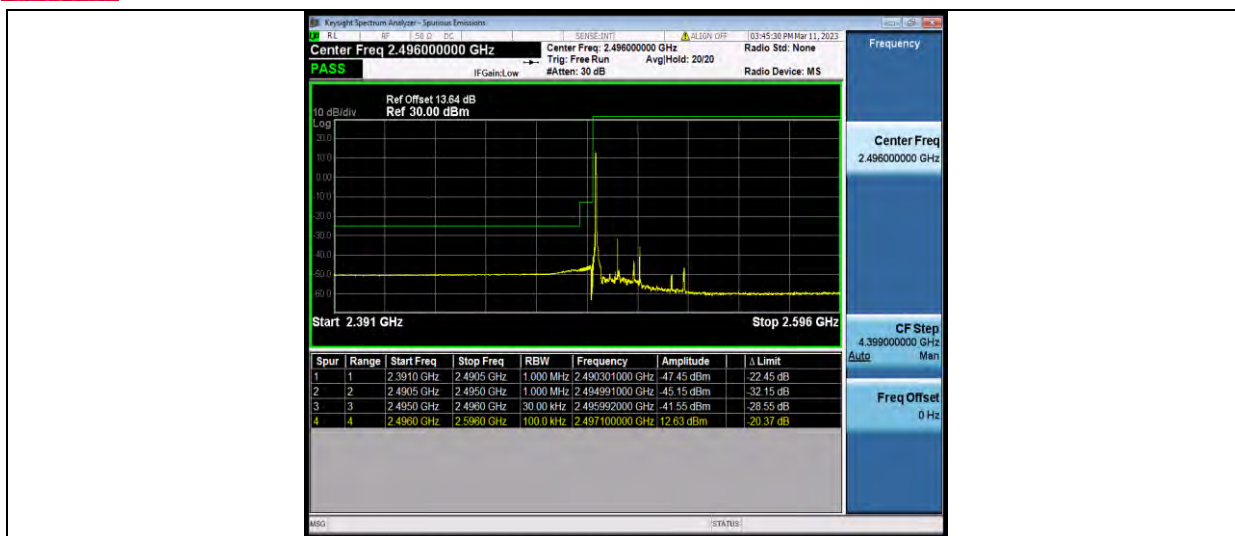
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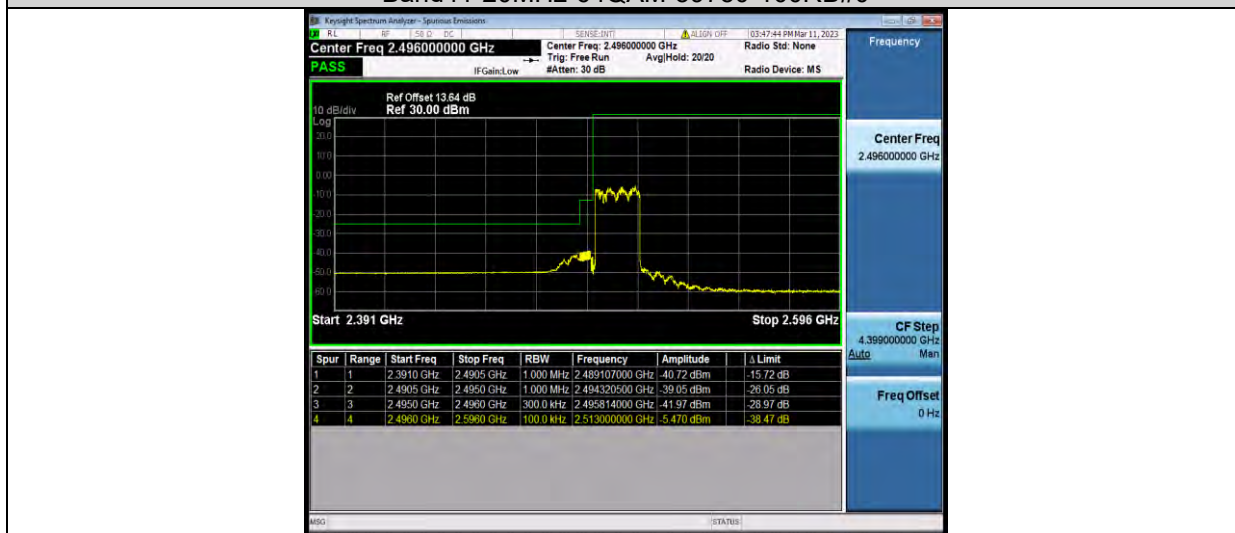
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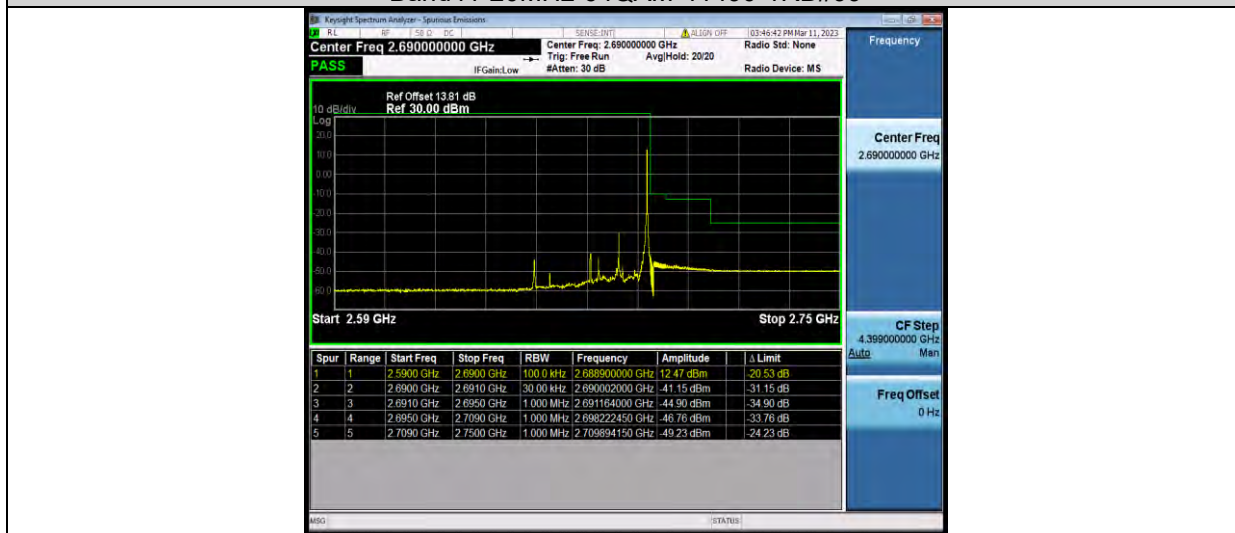
Band41-20MHz-64QAM-39750-1RB#0



Band41-20MHz-64QAM-39750-100RB#0



Band41-20MHz-64QAM-41490-1RB#99



Band41-20MHz-64QAM-41490-100RB#0



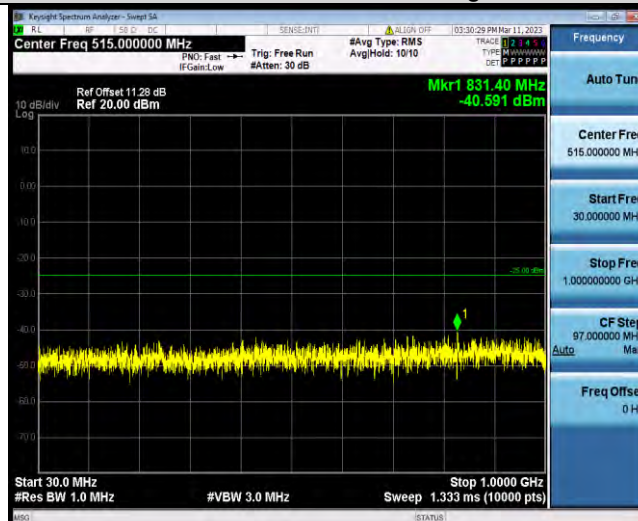
## CONDUCTED SPURIOUS EMISSION

### Test Result

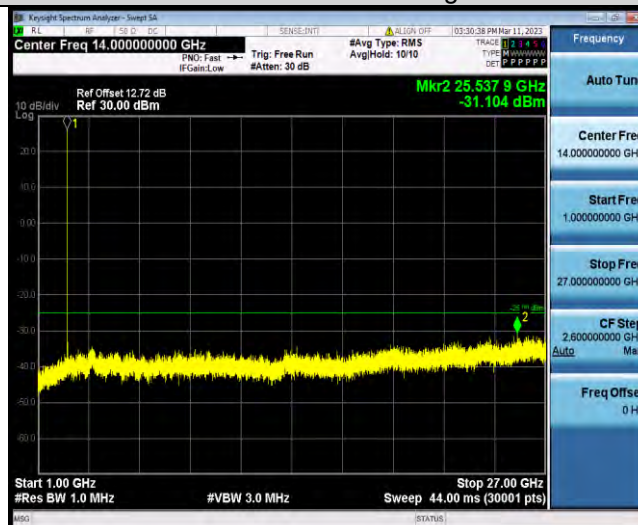
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range      | Result (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|----------------------|--------------|---------|
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#0            | Range1:30~1000MHz    | -40.59       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#0            | Range2:1000~27000MHz | -31.1        | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 1RB#0            | Range1:30~1000MHz    | -41.03       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 1RB#0            | Range2:1000~27000MHz | -30.99       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#0            | Range1:30~1000MHz    | -41.14       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#0            | Range2:1000~27000MHz | -30.87       | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 1RB#0            | Range1:30~1000MHz    | -40.75       | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 1RB#0            | Range2:1000~27000MHz | -31.38       | PASS    |
| Band41 | 10MHz     | QPSK       | 40620   | 1RB#0            | Range1:30~1000MHz    | -41.34       | PASS    |
| Band41 | 10MHz     | QPSK       | 40620   | 1RB#0            | Range2:1000~27000MHz | -31.1        | PASS    |
| Band41 | 10MHz     | QPSK       | 41540   | 1RB#0            | Range1:30~1000MHz    | -41.22       | PASS    |
| Band41 | 10MHz     | QPSK       | 41540   | 1RB#0            | Range2:1000~27000MHz | -30.67       | PASS    |
| Band41 | 15MHz     | QPSK       | 39725   | 1RB#0            | Range1:30~1000MHz    | -40.66       | PASS    |
| Band41 | 15MHz     | QPSK       | 39725   | 1RB#0            | Range2:1000~27000MHz | -30.32       | PASS    |
| Band41 | 15MHz     | QPSK       | 40620   | 1RB#0            | Range1:30~1000MHz    | -41.02       | PASS    |
| Band41 | 15MHz     | QPSK       | 40620   | 1RB#0            | Range2:1000~27000MHz | -31.01       | PASS    |
| Band41 | 15MHz     | QPSK       | 41515   | 1RB#0            | Range1:30~1000MHz    | -39.56       | PASS    |
| Band41 | 15MHz     | QPSK       | 41515   | 1RB#0            | Range2:1000~27000MHz | -31.58       | PASS    |
| Band41 | 20MHz     | QPSK       | 39750   | 1RB#0            | Range1:30~1000MHz    | -40.25       | PASS    |
| Band41 | 20MHz     | QPSK       | 39750   | 1RB#0            | Range2:1000~27000MHz | -30.53       | PASS    |
| Band41 | 20MHz     | QPSK       | 40620   | 1RB#0            | Range1:30~1000MHz    | -40.94       | PASS    |
| Band41 | 20MHz     | QPSK       | 40620   | 1RB#0            | Range2:1000~27000MHz | -30.61       | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | 1RB#0            | Range1:30~1000MHz    | -41.55       | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | 1RB#0            | Range2:1000~27000MHz | -29.86       | PASS    |

## Test Graphs

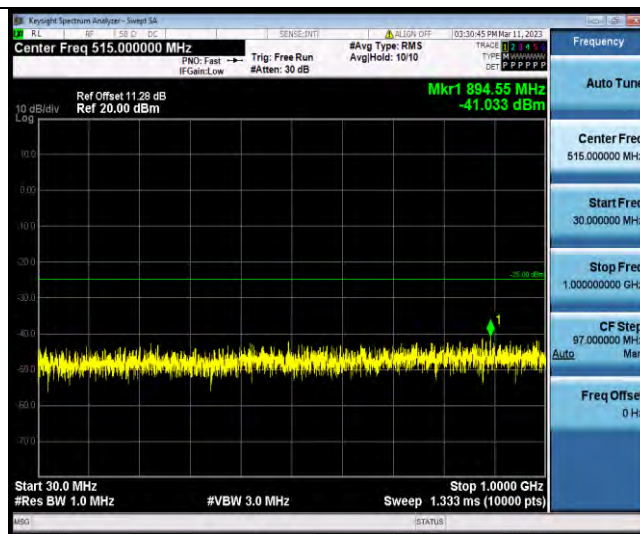
Band41-5MHz-QPSK-39675-1RB#0-Range1:30~1000MHz



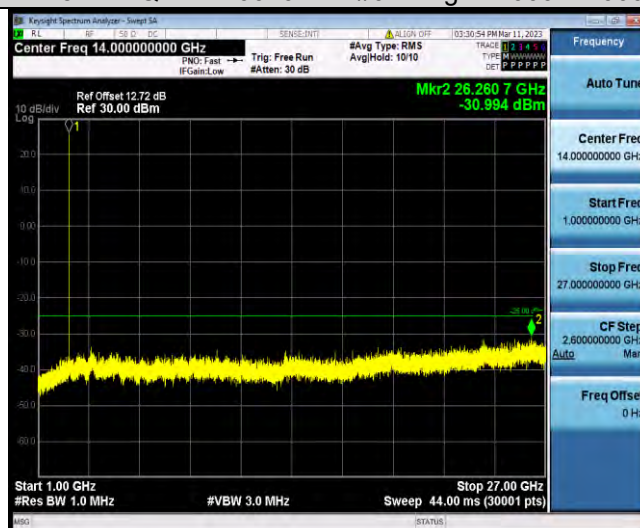
Band41-5MHz-QPSK-39675-1RB#0-Range2:1000~27000MHz



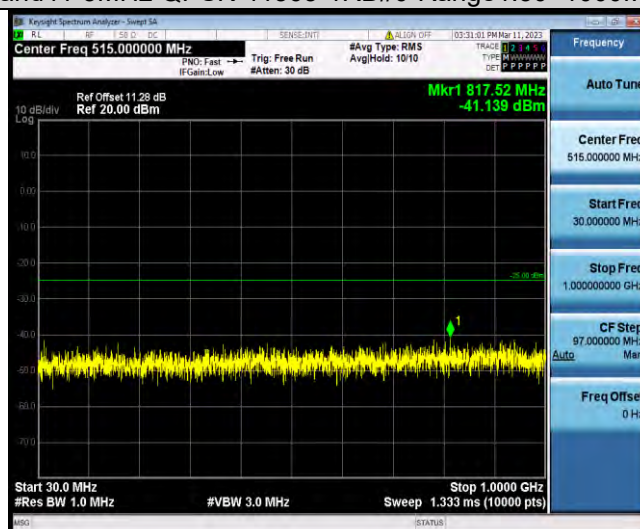
Band41-5MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



Band41-5MHz-QPSK-40620-1RB#0-Range2:1000~27000MHz



Band41-5MHz-QPSK-41565-1RB#0-Range1:30~1000MHz

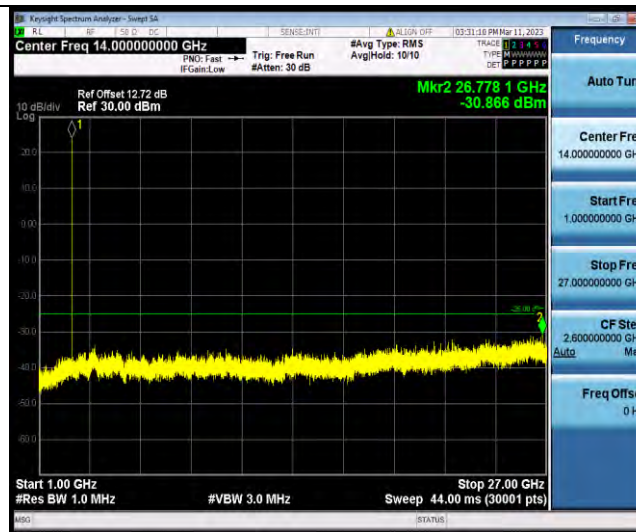


Band41-5MHz-QPSK-41565-1RB#0-Range2:1000~27000MHz

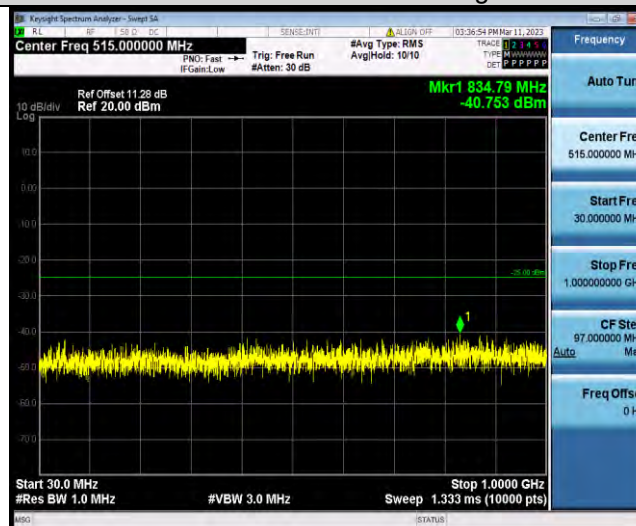


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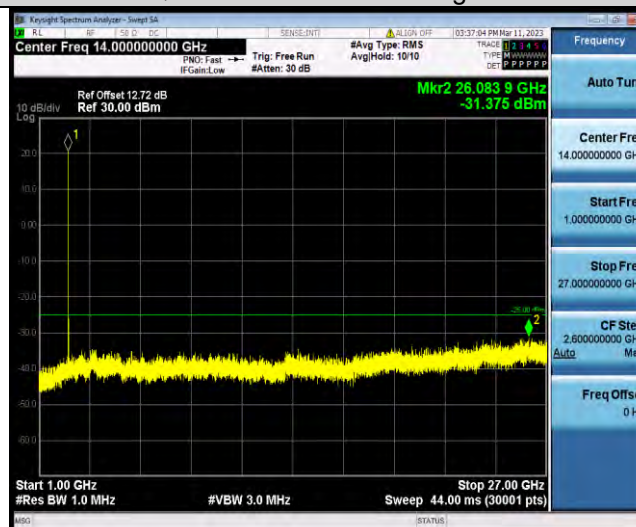
Test Report No.: W7L-P23030003RF07



Band41-10MHz-QPSK-39700-1RB#0-Range1:30~1000MHz



Band41-10MHz-QPSK-39700-1RB#0-Range2:1000~27000MHz

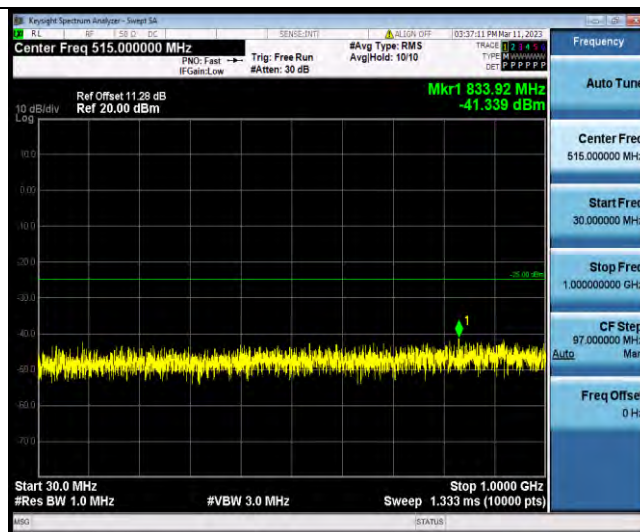


Band41-10MHz-QPSK-40620-1RB#0-Range1:30~1000MHz

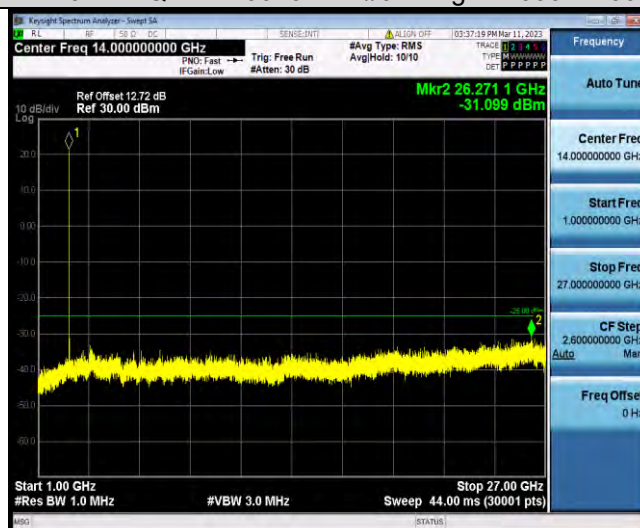


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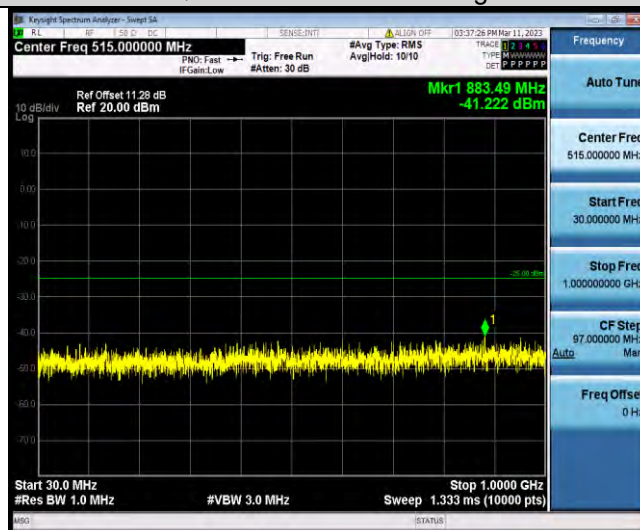
## Test Report No.: W7L-P23030003RF07



Band41-10MHz-QPSK-40620-1RB#0-Range2:1000~27000MHz



Band41-10MHz-QPSK-41540-1RB#0-Range1:30~1000MHz

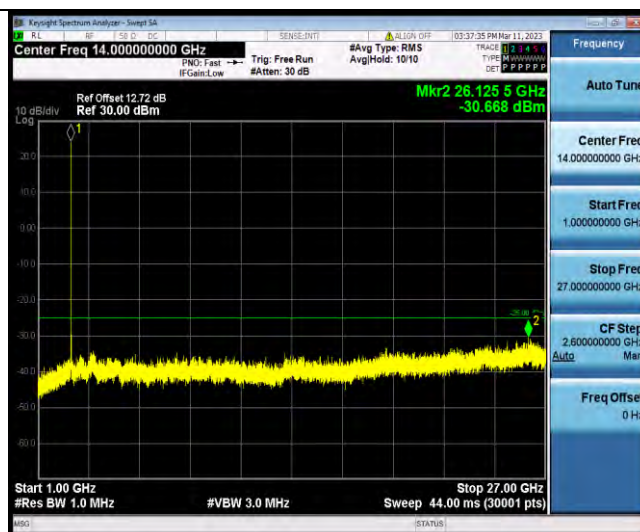


Band41-10MHz-QPSK-41540-1RB#0-Range2:1000~27000MHz

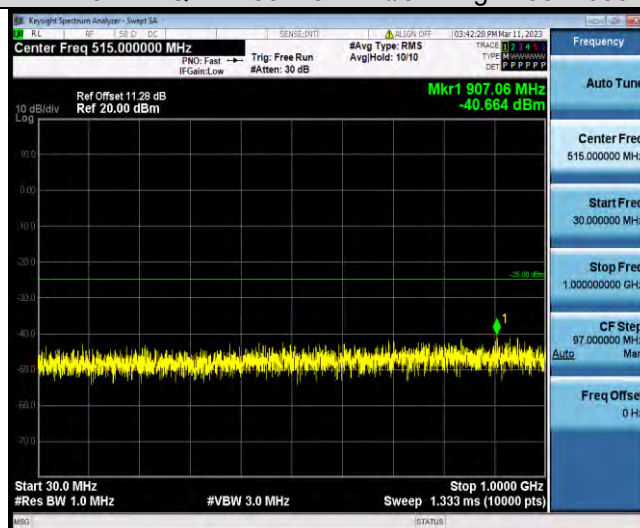


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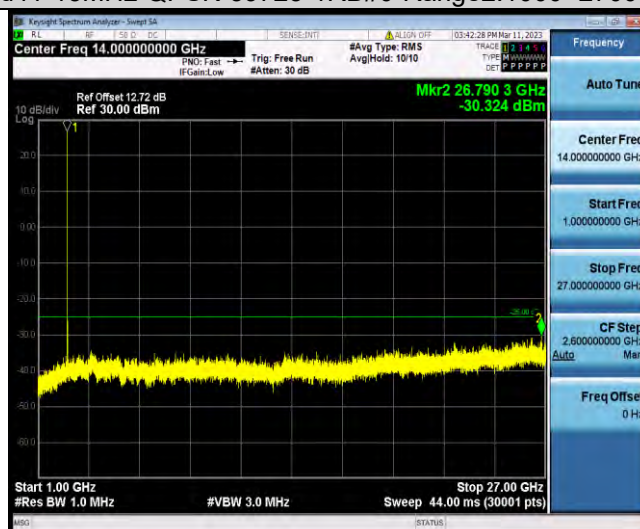
Test Report No.: W7L-P23030003RF07



Band41-15MHz-QPSK-39725-1RB#0-Range1:30~1000MHz



Band41-15MHz-QPSK-39725-1RB#0-Range2:1000~27000MHz

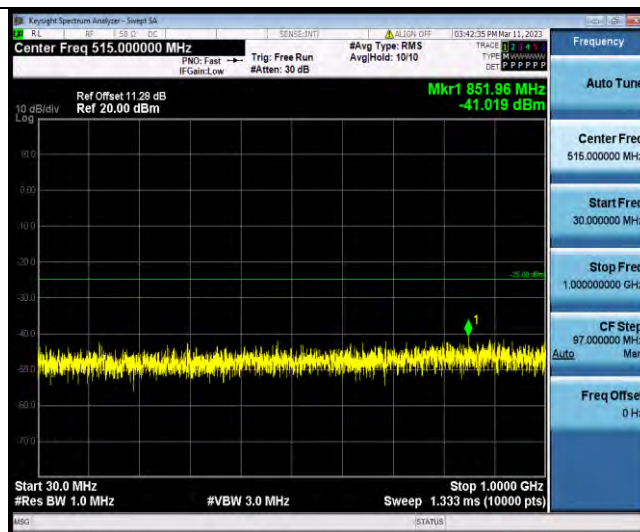


Band41-15MHz-QPSK-40620-1RB#0-Range1:30~1000MHz

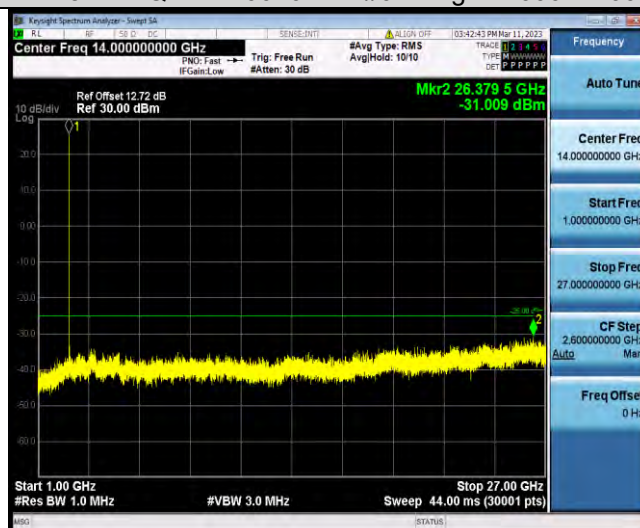


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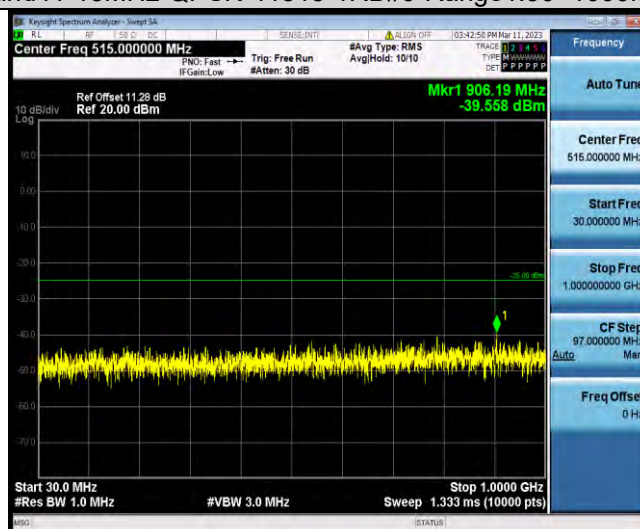
## Test Report No.: W7L-P23030003RF07



Band41-15MHz-QPSK-40620-1RB#0-Range2:1000~27000MHz



Band41-15MHz-QPSK-41515-1RB#0-Range1:30~1000MHz

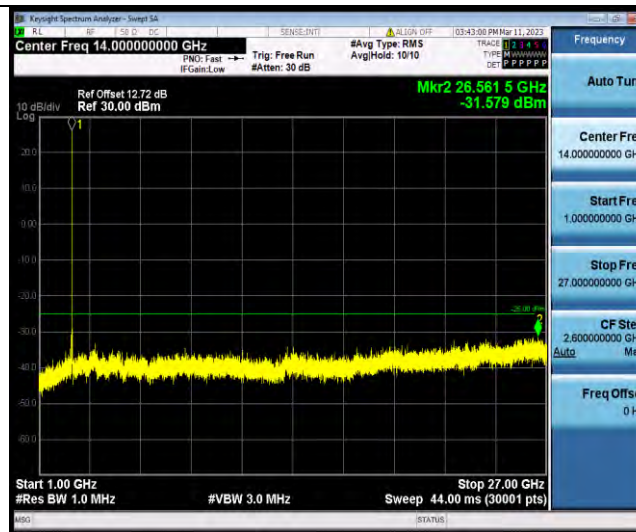


Band41-15MHz-QPSK-41515-1RB#0-Range2:1000~27000MHz

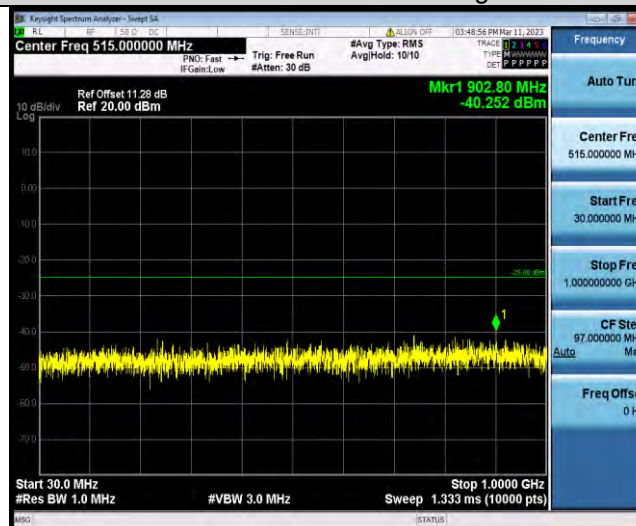


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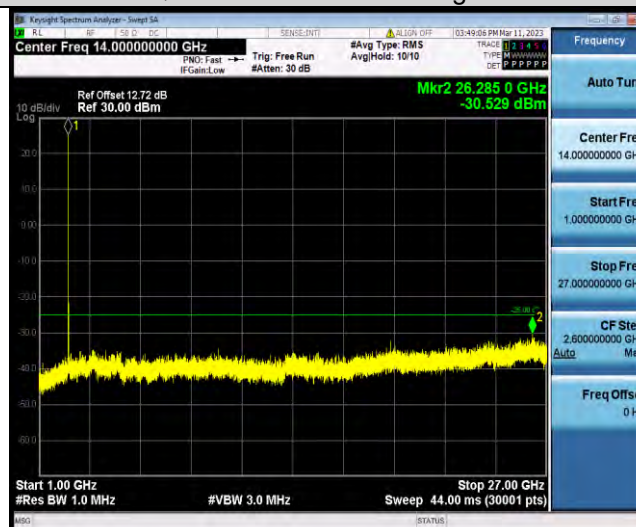
## Test Report No.: W7L-P23030003RF07



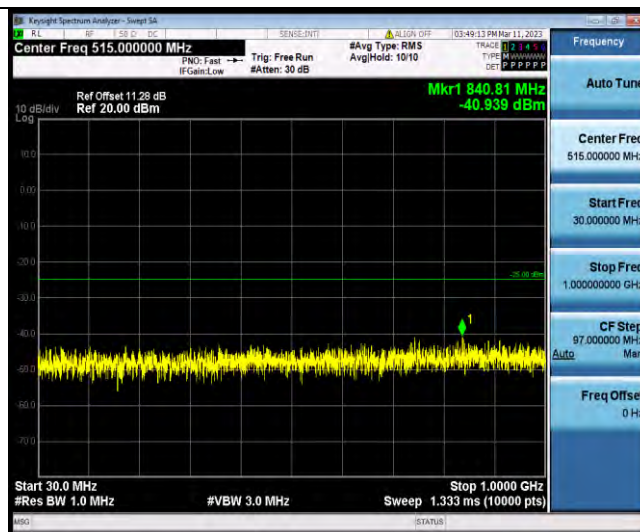
Band41-20MHz-QPSK-39750-1RB#0-Range1:30~1000MHz



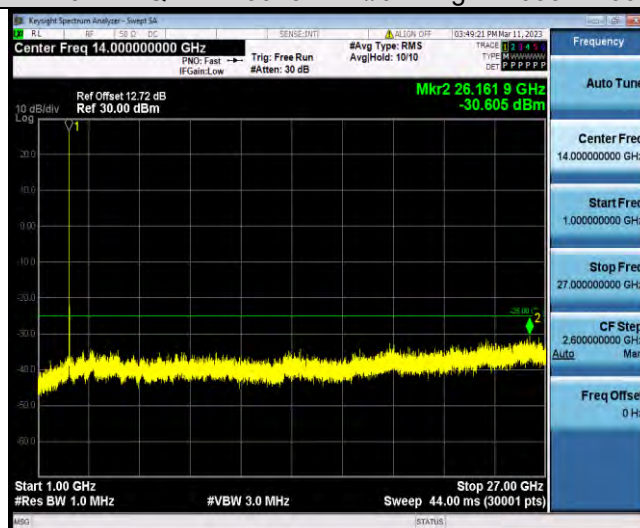
Band41-20MHz-QPSK-39750-1RB#0-Range2:1000~27000MHz



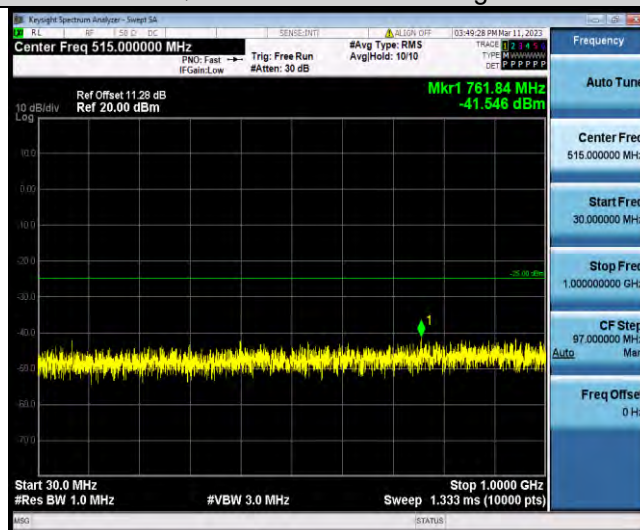
Band41-20MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



Band41-20MHz-QPSK-40620-1RB#0-Range2:1000~27000MHz



Band41-20MHz-QPSK-41490-1RB#0-Range1:30~1000MHz

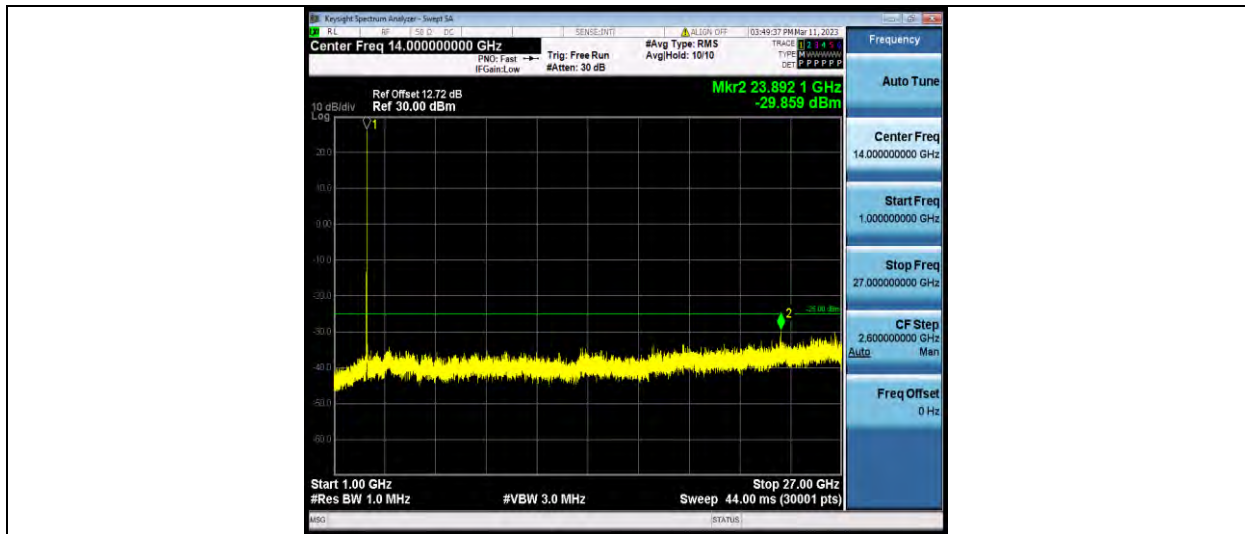


Band41-20MHz-QPSK-41490-1RB#0-Range2:1000~27000MHz



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Test Report No.: W7L-P23030003RF07



## FREQUENCY STABILITY

### Test Result

| Voltage    |           |            |         |              |               |                  |                |                 |             |         |
|------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band       | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band4<br>1 | 20MHz     | QPSK       | 39750   | 100RB#0      | LV            | NT               | -10.96         | -0.004374       | ±2.5        | PASS    |
| Band4<br>1 | 20MHz     | QPSK       | 39750   | 100RB#0      | NV            | NT               | -7.28          | -0.002905       | ±2.5        | PASS    |
| Band4<br>1 | 20MHz     | QPSK       | 39750   | 100RB#0      | HV            | NT               | -7.15          | -0.002853       | ±2.5        | PASS    |
| Band4<br>1 | 20MHz     | QPSK       | 40620   | 100RB#0      | LV            | NT               | 11.59          | 0.004470        | ±2.5        | PASS    |
| Band4<br>1 | 20MHz     | QPSK       | 40620   | 100RB#0      | NV            | NT               | -14.68         | -0.005661       | ±2.5        | PASS    |
| Band4<br>1 | 20MHz     | QPSK       | 40620   | 100RB#0      | HV            | NT               | -3.55          | -0.001369       | ±2.5        | PASS    |
| Band4<br>1 | 20MHz     | QPSK       | 41490   | 100RB#0      | LV            | NT               | 7.44           | 0.002776        | ±2.5        | PASS    |
| Band4<br>1 | 20MHz     | QPSK       | 41490   | 100RB#0      | NV            | NT               | -5.18          | -0.001933       | ±2.5        | PASS    |
| Band4<br>1 | 20MHz     | QPSK       | 41490   | 100RB#0      | HV            | NT               | -10.93         | -0.004078       | ±2.5        | PASS    |

| Temperature |           |            |         |              |               |                  |                |                 |             |         |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band4<br>1  | 20MHz     | QPSK       | 39750   | 100RB#0      | NV            | -30              | -8.67          | -0.003460       | ±2.5        | PASS    |
| Band4<br>1  | 20MHz     | QPSK       | 39750   | 100RB#0      | NV            | -20              | -6.52          | -0.002602       | ±2.5        | PASS    |
| Band4<br>1  | 20MHz     | QPSK       | 39750   | 100RB#0      | NV            | -10              | -9.26          | -0.003695       | ±2.5        | PASS    |
| Band4<br>1  | 20MHz     | QPSK       | 39750   | 100RB#0      | NV            | 0                | 9.63           | 0.003843        | ±2.5        | PASS    |
| Band4<br>1  | 20MHz     | QPSK       | 39750   | 100RB#0      | NV            | 10               | -13.09         | -0.005223       | ±2.5        | PASS    |
| Band4<br>1  | 20MHz     | QPSK       | 39750   | 100RB#0      | NV            | 20               | 8.15           | 0.003252        | ±2.5        | PASS    |
| Band4<br>1  | 20MHz     | QPSK       | 39750   | 100RB#0      | NV            | 30               | -11.01         | -0.004393       | ±2.5        | PASS    |
| Band4<br>1  | 20MHz     | QPSK       | 39750   | 100RB#0      | NV            | 40               | -6.95          | -0.002773       | ±2.5        | PASS    |
| Band4<br>1  | 20MHz     | QPSK       | 39750   | 100RB#0      | NV            | 50               | -8.57          | -0.003420       | ±2.5        | PASS    |
| Band4       | 20MHz     | QPSK       | 40620   | 100RB#0      | NV            | -30              | 5.05           | 0.001948        | ±2.5        | PASS    |



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**Test Report No.: W7L-P23030003RF07**

|            |       |      |       |         |    |     |        |           |      |      |
|------------|-------|------|-------|---------|----|-----|--------|-----------|------|------|
| 1          |       |      |       |         |    |     |        |           |      |      |
| Band4<br>1 | 20MHz | QPSK | 40620 | 100RB#0 | NV | -20 | -10.33 | -0.003984 | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK | 40620 | 100RB#0 | NV | -10 | -7.00  | -0.002700 | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK | 40620 | 100RB#0 | NV | 0   | 3.62   | 0.001396  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK | 40620 | 100RB#0 | NV | 10  | 3.99   | 0.001539  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK | 40620 | 100RB#0 | NV | 20  | -11.59 | -0.004470 | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK | 40620 | 100RB#0 | NV | 30  | 4.94   | 0.001905  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK | 40620 | 100RB#0 | NV | 40  | 10.84  | 0.004180  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK | 40620 | 100RB#0 | NV | 50  | -6.64  | -0.002561 | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK | 41490 | 100RB#0 | NV | -30 | -11.50 | -0.004291 | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK | 41490 | 100RB#0 | NV | -20 | 6.39   | 0.002384  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK | 41490 | 100RB#0 | NV | -10 | -5.55  | -0.002071 | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK | 41490 | 100RB#0 | NV | 0   | -8.74  | -0.003261 | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK | 41490 | 100RB#0 | NV | 10  | -8.20  | -0.003060 | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK | 41490 | 100RB#0 | NV | 20  | 3.40   | 0.001269  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK | 41490 | 100RB#0 | NV | 30  | -10.44 | -0.003896 | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK | 41490 | 100RB#0 | NV | 40  | -5.81  | -0.002168 | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK | 41490 | 100RB#0 | NV | 50  | -5.69  | -0.002123 | ±2.5 | PASS |

Note: LV = Low voltage(3.5V); NV = Normal voltage(3.8V); HV = High voltage(4.2V);  
NT = Normal temperature (25°C).

| Frequency Stability   | Frequency (MHz) | Limit Line(MHz) | Result |
|-----------------------|-----------------|-----------------|--------|
| fL- MAX( $\Delta f$ ) | 2497.036000     | ≥2498.5         | PASS   |
| fH- MAX( $\Delta f$ ) | 2688.970000     | ≤2690           |        |

Note : 1. |MAX( $\Delta f$ )| = Max Deviation

2. fL = Occ low channel fL(-13dBm/MHz)

3. fH = Occ High channel fH(-13dBm/MHz)

4. |MAX( $\Delta f$ )| = -14.68Hz.



Test Report No.: W7L-P23030003RF07

## LTE BAND66 (INCLUDING LTE BAND4)

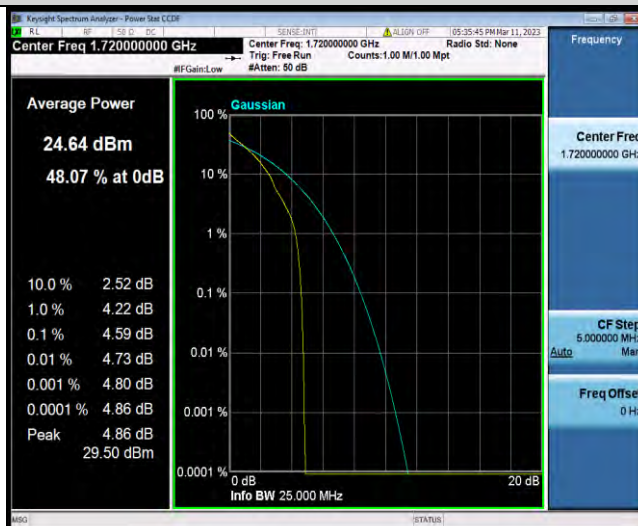
### PEAK-TO-AVERAGE RATIO(CCDF)

#### Test Result

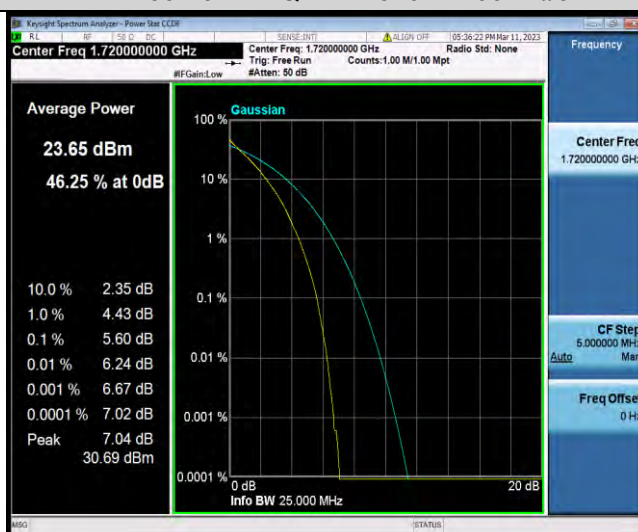
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band66 | 20MHz     | QPSK       | 132072  | 1RB#0            | 4.59       | 13        | PASS    |
| Band66 | 20MHz     | QPSK       | 132072  | 100RB#0          | 5.60       | 13        | PASS    |
| Band66 | 20MHz     | QPSK       | 132322  | 1RB#0            | 4.91       | 13        | PASS    |
| Band66 | 20MHz     | QPSK       | 132322  | 100RB#0          | 5.53       | 13        | PASS    |
| Band66 | 20MHz     | QPSK       | 132572  | 1RB#0            | 4.48       | 13        | PASS    |
| Band66 | 20MHz     | QPSK       | 132572  | 100RB#0          | 5.35       | 13        | PASS    |
| Band66 | 20MHz     | 16QAM      | 132072  | 1RB#0            | 5.37       | 13        | PASS    |
| Band66 | 20MHz     | 16QAM      | 132072  | 100RB#0          | 6.35       | 13        | PASS    |
| Band66 | 20MHz     | 16QAM      | 132322  | 1RB#0            | 5.66       | 13        | PASS    |
| Band66 | 20MHz     | 16QAM      | 132322  | 100RB#0          | 6.30       | 13        | PASS    |
| Band66 | 20MHz     | 16QAM      | 132572  | 1RB#0            | 5.45       | 13        | PASS    |
| Band66 | 20MHz     | 16QAM      | 132572  | 100RB#0          | 6.20       | 13        | PASS    |
| Band66 | 20MHz     | 64QAM      | 132072  | 1RB#0            | 6.26       | 13        | PASS    |
| Band66 | 20MHz     | 64QAM      | 132072  | 100RB#0          | 6.63       | 13        | PASS    |
| Band66 | 20MHz     | 64QAM      | 132322  | 1RB#0            | 6.33       | 13        | PASS    |
| Band66 | 20MHz     | 64QAM      | 132322  | 100RB#0          | 6.63       | 13        | PASS    |
| Band66 | 20MHz     | 64QAM      | 132572  | 1RB#0            | 6.06       | 13        | PASS    |
| Band66 | 20MHz     | 64QAM      | 132572  | 100RB#0          | 6.57       | 13        | PASS    |

## Test Graphs

Band66-20MHz-QPSK-132072-1RB#0



Band66-20MHz-QPSK-132072-100RB#0



Band66-20MHz-QPSK-132322-1RB#0

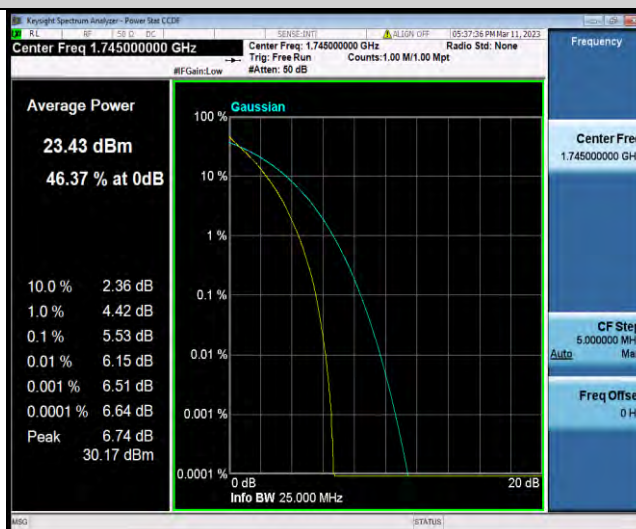


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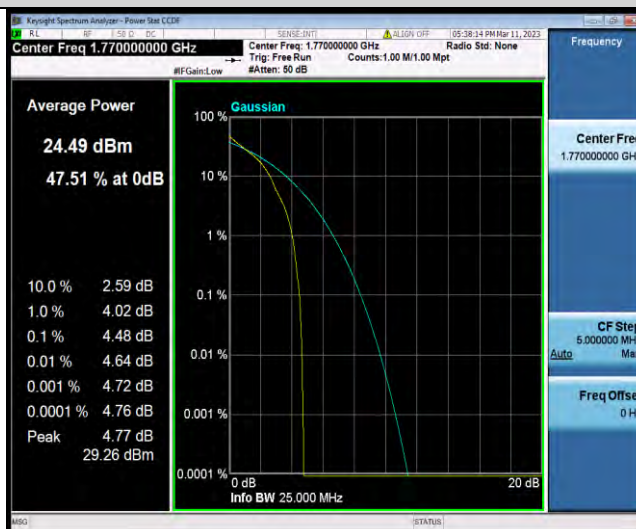
Test Report No.: W7L-P23030003RF07



Band66-20MHz-QPSK-132322-100RB#0



Band66-20MHz-QPSK-132572-1RB#0

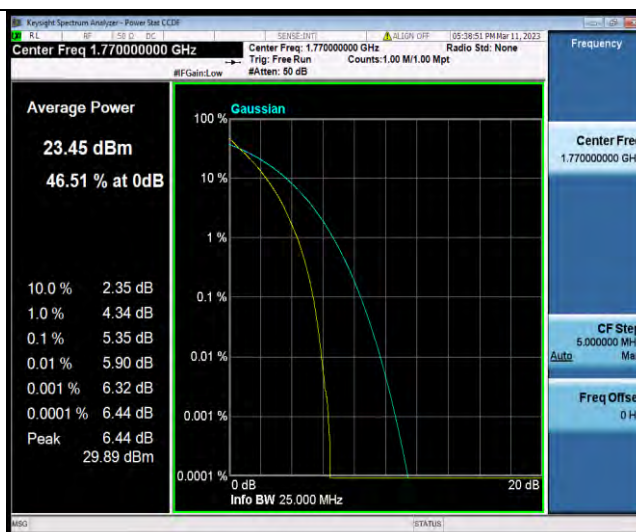


Band66-20MHz-QPSK-132572-100RB#0

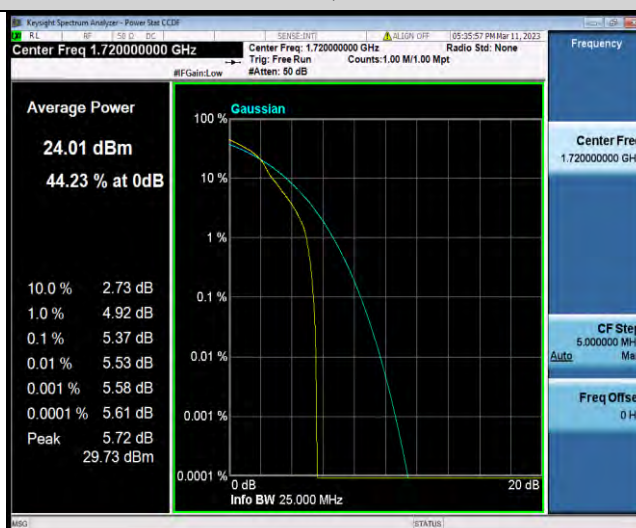


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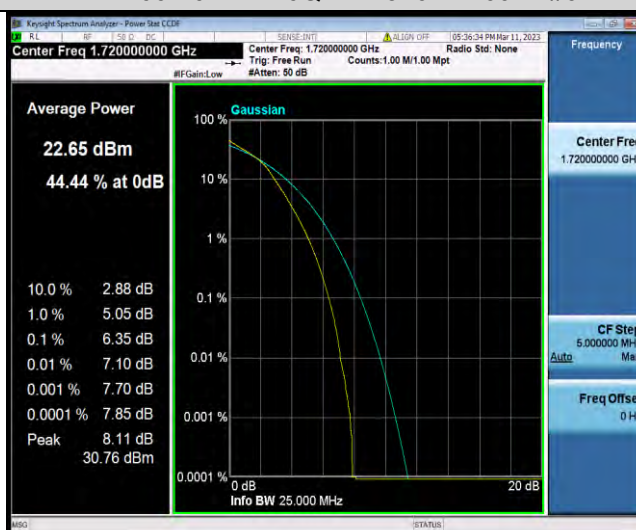
Test Report No.: W7L-P23030003RF07



Band66-20MHz-16QAM-132072-1RB#0



Band66-20MHz-16QAM-132072-100RB#0

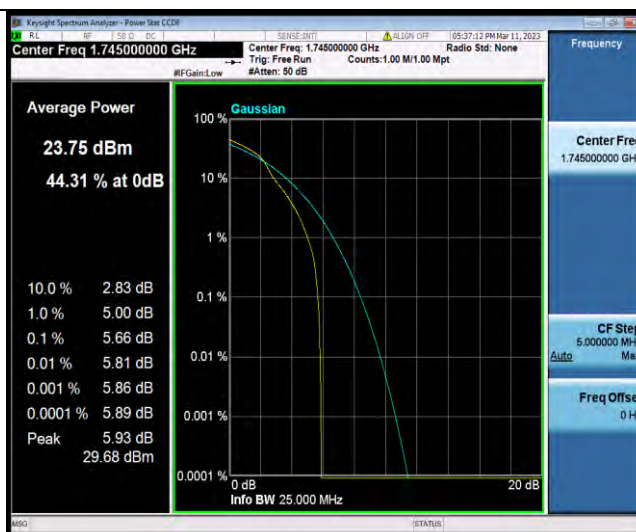


Band66-20MHz-16QAM-132322-1RB#0

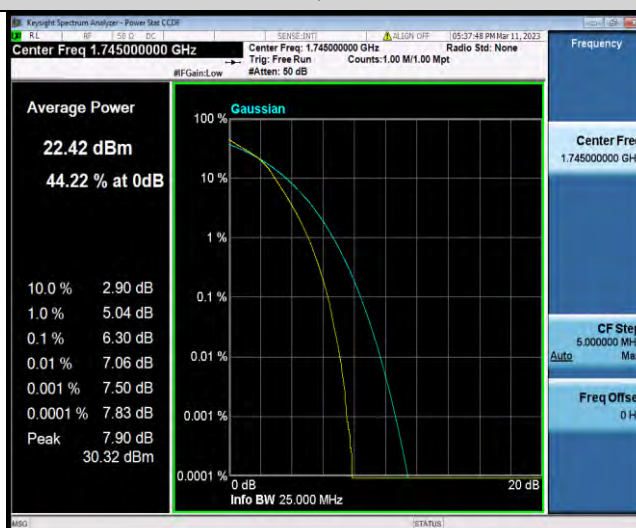


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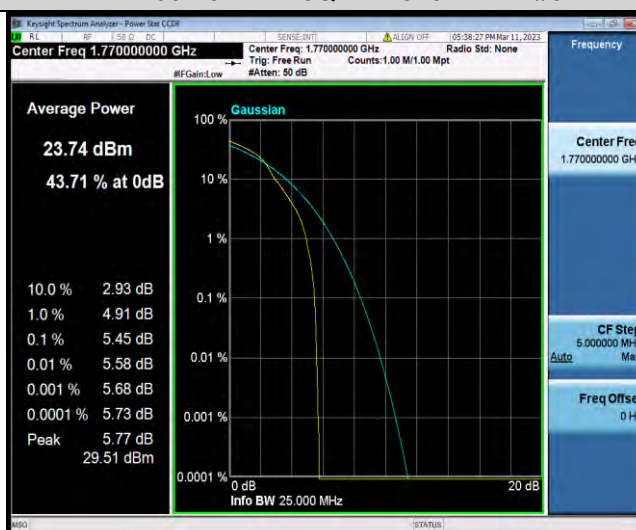
Test Report No.: W7L-P23030003RF07



Band66-20MHz-16QAM-132322-100RB#0



Band66-20MHz-16QAM-132572-1RB#0



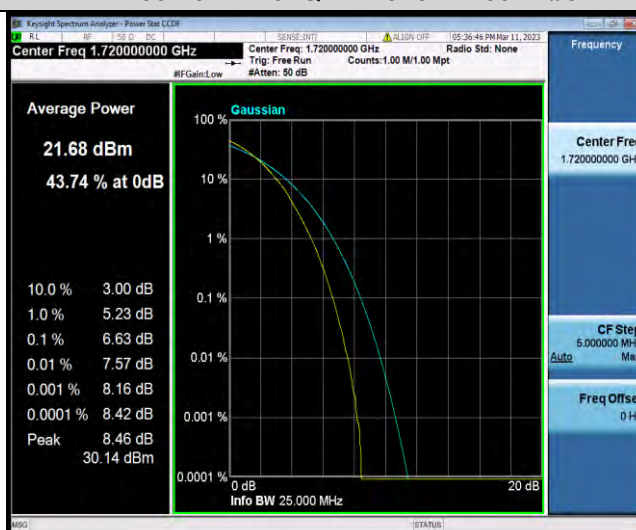
Band66-20MHz-16QAM-132572-100RB#0



Band66-20MHz-64QAM-132072-1RB#0



Band66-20MHz-64QAM-132072-100RB#0



Band66-20MHz-64QAM-132322-1RB#0



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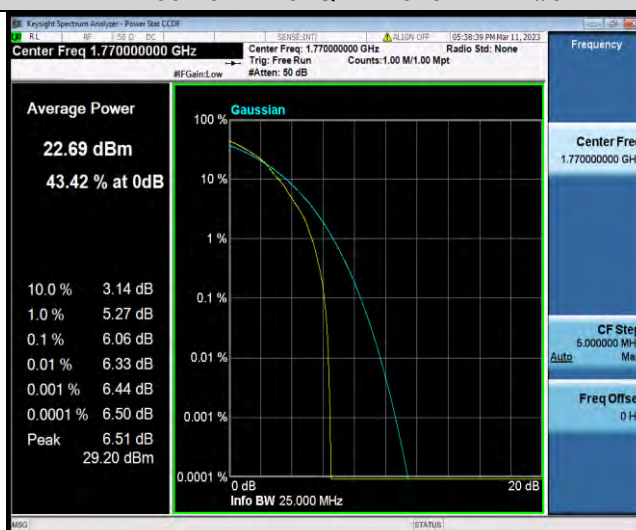
Test Report No.: W7L-P23030003RF07



Band66-20MHz-64QAM-132322-100RB#0



Band66-20MHz-64QAM-132572-1RB#0

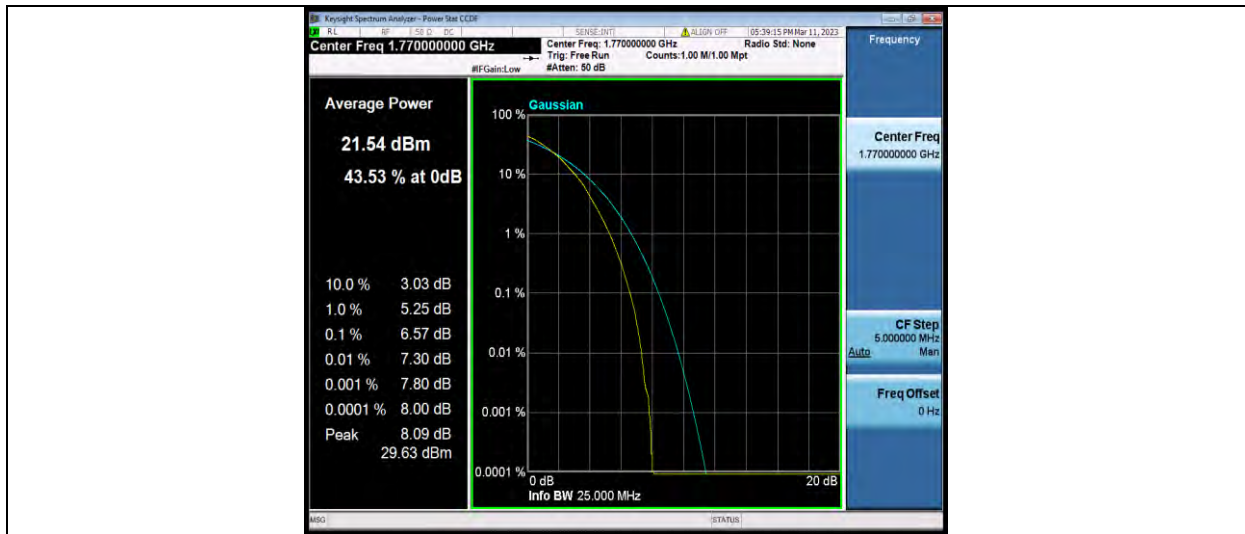


Band66-20MHz-64QAM-132572-100RB#0



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Test Report No.: W7L-P23030003RF07



## 26DB BANDWIDTH AND OCCUPIED BANDWIDTH

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band66 | 1.4MHz    | QPSK       | 131979  | 6RB#0            | 1.0877                   | 1.243                | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132322  | 6RB#0            | 1.0876                   | 1.250                | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132665  | 6RB#0            | 1.0927                   | 1.248                | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 131979  | 6RB#0            | 1.0898                   | 1.252                | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132322  | 6RB#0            | 1.0902                   | 1.260                | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132665  | 6RB#0            | 1.0900                   | 1.250                | PASS    |
| Band66 | 1.4MHz    | 64QAM      | 131979  | 6RB#0            | 1.0833                   | 1.251                | PASS    |
| Band66 | 1.4MHz    | 64QAM      | 132322  | 6RB#0            | 1.0868                   | 1.258                | PASS    |
| Band66 | 1.4MHz    | 64QAM      | 132665  | 6RB#0            | 1.0888                   | 1.256                | PASS    |
| Band66 | 3MHz      | QPSK       | 131987  | 15RB#0           | 2.6925                   | 2.851                | PASS    |
| Band66 | 3MHz      | QPSK       | 132322  | 15RB#0           | 2.6909                   | 2.853                | PASS    |
| Band66 | 3MHz      | QPSK       | 132657  | 15RB#0           | 2.6897                   | 2.869                | PASS    |
| Band66 | 3MHz      | 16QAM      | 131987  | 15RB#0           | 2.6878                   | 2.855                | PASS    |
| Band66 | 3MHz      | 16QAM      | 132322  | 15RB#0           | 2.6913                   | 2.866                | PASS    |
| Band66 | 3MHz      | 16QAM      | 132657  | 15RB#0           | 2.6891                   | 2.856                | PASS    |
| Band66 | 3MHz      | 64QAM      | 131987  | 15RB#0           | 2.6959                   | 2.858                | PASS    |
| Band66 | 3MHz      | 64QAM      | 132322  | 15RB#0           | 2.6837                   | 2.847                | PASS    |
| Band66 | 3MHz      | 64QAM      | 132657  | 15RB#0           | 2.6924                   | 2.868                | PASS    |
| Band66 | 5MHz      | QPSK       | 131997  | 25RB#0           | 4.5042                   | 4.918                | PASS    |
| Band66 | 5MHz      | QPSK       | 132322  | 25RB#0           | 4.4984                   | 4.881                | PASS    |
| Band66 | 5MHz      | QPSK       | 132647  | 25RB#0           | 4.5037                   | 4.928                | PASS    |
| Band66 | 5MHz      | 16QAM      | 131997  | 25RB#0           | 4.5079                   | 4.934                | PASS    |
| Band66 | 5MHz      | 16QAM      | 132322  | 25RB#0           | 4.5036                   | 4.863                | PASS    |
| Band66 | 5MHz      | 16QAM      | 132647  | 25RB#0           | 4.4964                   | 4.946                | PASS    |
| Band66 | 5MHz      | 64QAM      | 131997  | 25RB#0           | 4.5070                   | 4.945                | PASS    |
| Band66 | 5MHz      | 64QAM      | 132322  | 25RB#0           | 4.5023                   | 4.921                | PASS    |
| Band66 | 5MHz      | 64QAM      | 132647  | 25RB#0           | 4.5131                   | 5.021                | PASS    |
| Band66 | 10MHz     | QPSK       | 132022  | 50RB#0           | 8.9967                   | 9.644                | PASS    |
| Band66 | 10MHz     | QPSK       | 132322  | 50RB#0           | 8.9935                   | 9.579                | PASS    |
| Band66 | 10MHz     | QPSK       | 132622  | 50RB#0           | 8.9771                   | 9.530                | PASS    |
| Band66 | 10MHz     | 16QAM      | 132022  | 50RB#0           | 8.9838                   | 9.587                | PASS    |
| Band66 | 10MHz     | 16QAM      | 132322  | 50RB#0           | 8.9874                   | 9.525                | PASS    |
| Band66 | 10MHz     | 16QAM      | 132622  | 50RB#0           | 8.9714                   | 9.608                | PASS    |
| Band66 | 10MHz     | 64QAM      | 132022  | 50RB#0           | 8.9718                   | 9.558                | PASS    |
| Band66 | 10MHz     | 64QAM      | 132322  | 50RB#0           | 8.9771                   | 9.609                | PASS    |
| Band66 | 10MHz     | 64QAM      | 132622  | 50RB#0           | 8.9906                   | 9.551                | PASS    |
| Band66 | 15MHz     | QPSK       | 132047  | 75RB#0           | 13.486                   | 14.35                | PASS    |
| Band66 | 15MHz     | QPSK       | 132322  | 75RB#0           | 13.478                   | 14.29                | PASS    |
| Band66 | 15MHz     | QPSK       | 132597  | 75RB#0           | 13.474                   | 14.28                | PASS    |
| Band66 | 15MHz     | 16QAM      | 132047  | 75RB#0           | 13.471                   | 14.30                | PASS    |
| Band66 | 15MHz     | 16QAM      | 132322  | 75RB#0           | 13.456                   | 14.29                | PASS    |
| Band66 | 15MHz     | 16QAM      | 132597  | 75RB#0           | 13.480                   | 14.34                | PASS    |



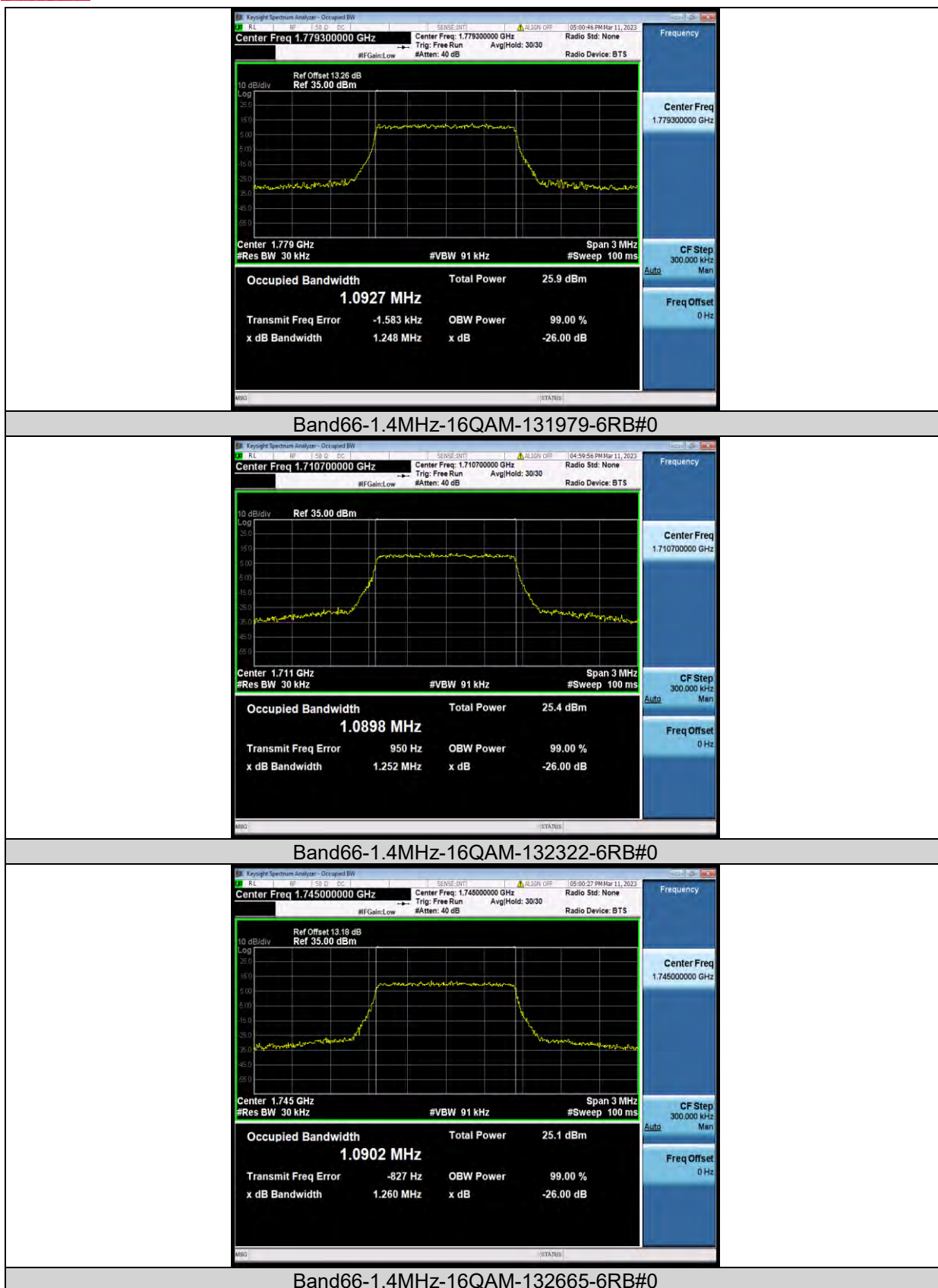
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|        |       |       |        |         |        |       |      |
|--------|-------|-------|--------|---------|--------|-------|------|
| Band66 | 15MHz | 64QAM | 132047 | 75RB#0  | 13.469 | 14.28 | PASS |
| Band66 | 15MHz | 64QAM | 132322 | 75RB#0  | 13.480 | 14.36 | PASS |
| Band66 | 15MHz | 64QAM | 132597 | 75RB#0  | 13.467 | 14.29 | PASS |
| Band66 | 20MHz | QPSK  | 132072 | 100RB#0 | 17.951 | 19.02 | PASS |
| Band66 | 20MHz | QPSK  | 132322 | 100RB#0 | 17.954 | 18.99 | PASS |
| Band66 | 20MHz | QPSK  | 132572 | 100RB#0 | 17.944 | 18.99 | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 100RB#0 | 17.962 | 19.01 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 100RB#0 | 17.949 | 19.00 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 100RB#0 | 17.953 | 19.00 | PASS |
| Band66 | 20MHz | 64QAM | 132072 | 100RB#0 | 17.942 | 18.98 | PASS |
| Band66 | 20MHz | 64QAM | 132322 | 100RB#0 | 17.940 | 19.02 | PASS |
| Band66 | 20MHz | 64QAM | 132572 | 100RB#0 | 17.948 | 19.00 | PASS |

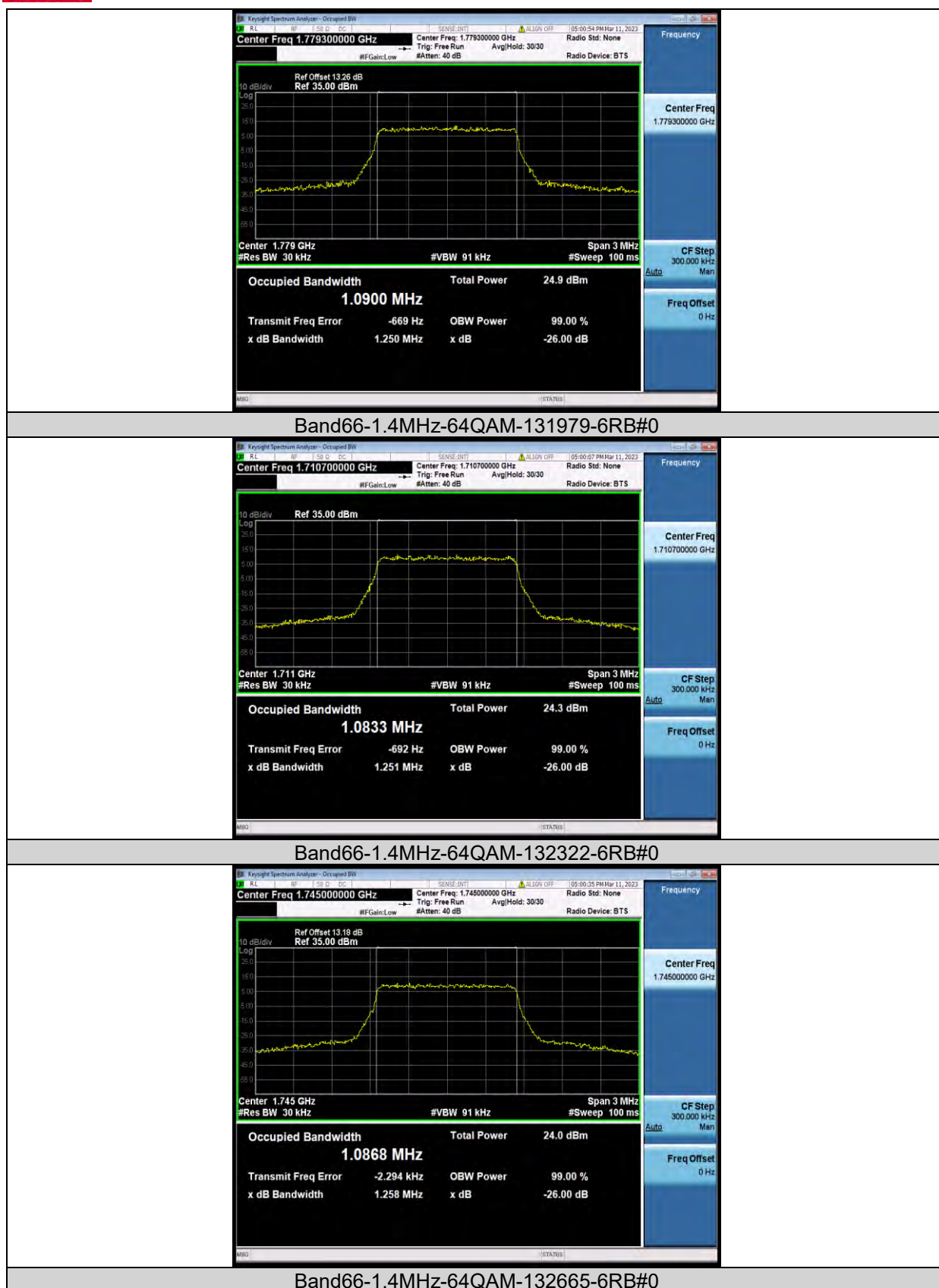
## Test Graphs







## Test Report No.: W7L-P23030003RF07



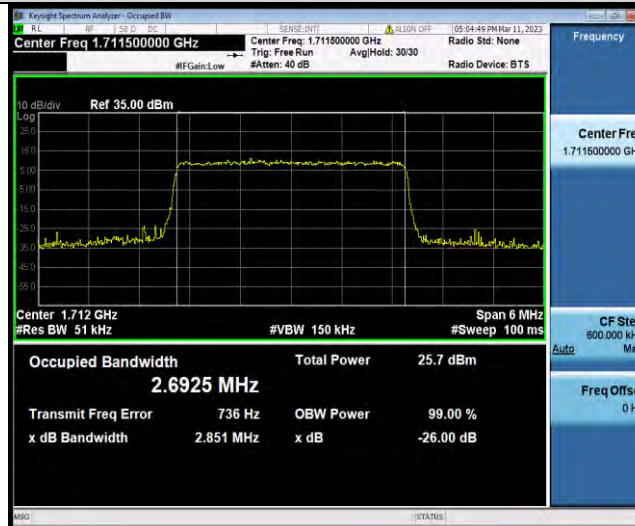


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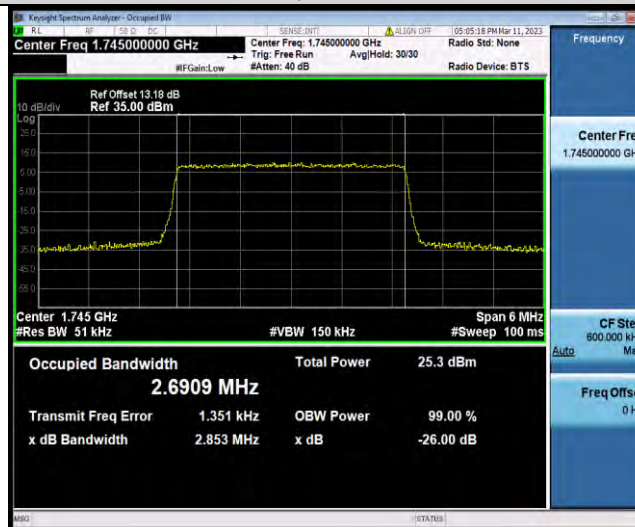
## Test Report No.: W7L-P23030003RF07



### Band66-3MHz-QPSK-131987-15RB#0



### Band66-3MHz-QPSK-132322-15RB#0

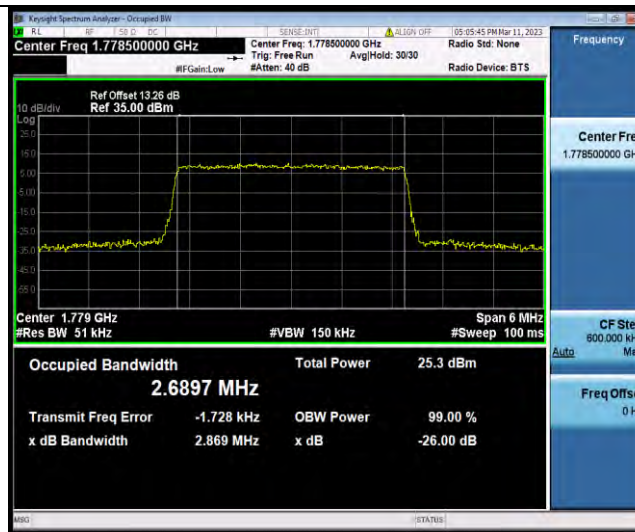


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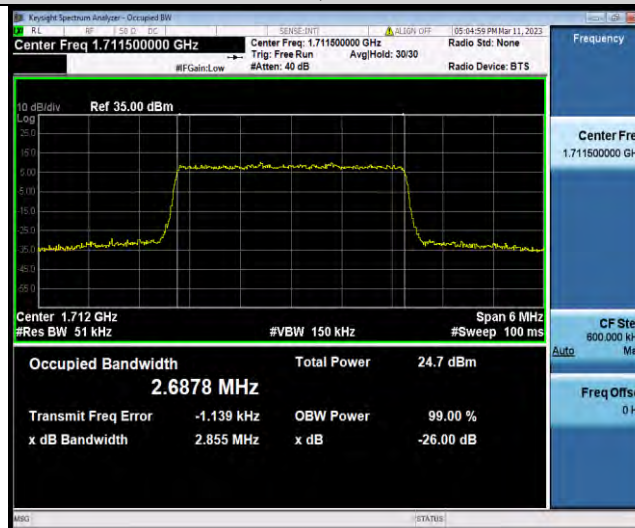


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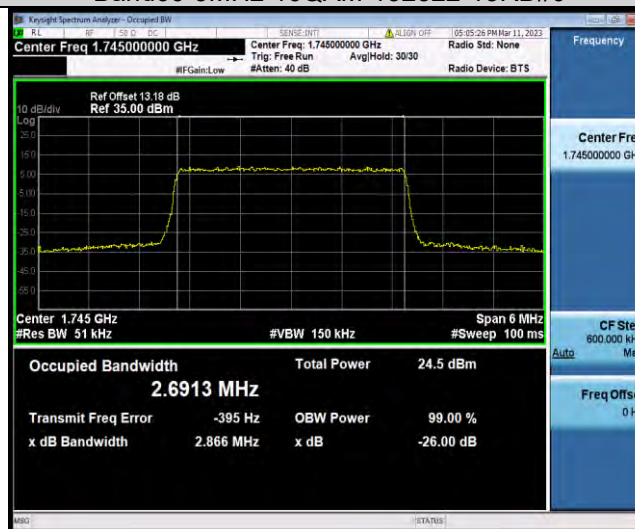
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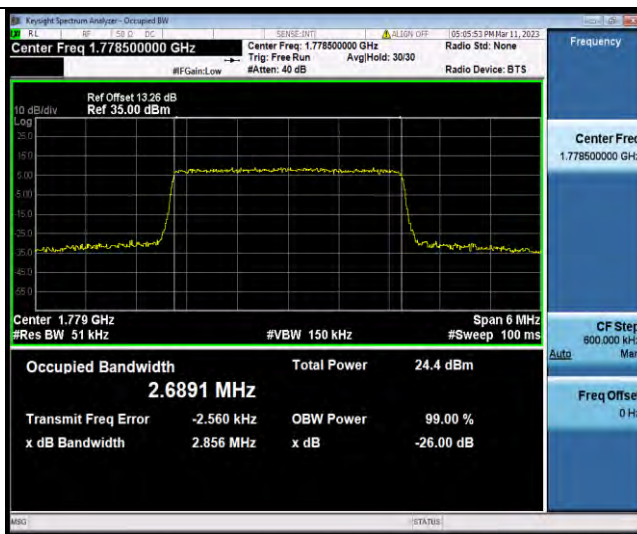
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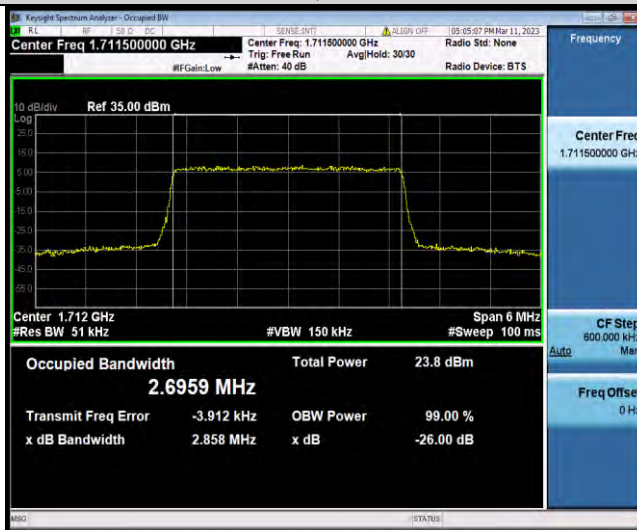
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Band66-3MHz-16QAM-132657-15RB#0



Band66-3MHz-64QAM-131987-15RB#0



Band66-3MHz-64QAM-132322-15RB#0



Band66-3MHz-64QAM-132657-15RB#0



Band66-5MHz-QPSK-131997-25RB#0



Band66-5MHz-QPSK-132322-25RB#0



Band66-5MHz-QPSK-132647-25RB#0