

## Effective (Isotropic) Radiated Power Output Data

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result (dBm) | Gain (dBi) | E(I)RP (dBm) | Limit (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|--------------|------------|--------------|-------------|---------|
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#0            | 22.87        | 3          | 25.87        | 33          | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 25RB#0           | 22.01        | 3          | 25.01        | 33          | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#12           | 22.88        | 3          | 25.88        | 33          | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#24           | 22.88        | 3          | 25.88        | 33          | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 1RB#0            | 23.07        | 3          | 26.07        | 33          | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 25RB#0           | 22.13        | 3          | 25.13        | 33          | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 1RB#12           | 22.93        | 3          | 25.93        | 33          | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 1RB#24           | 22.92        | 3          | 25.92        | 33          | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#0            | 23.07        | 3          | 26.07        | 33          | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 25RB#0           | 22.23        | 3          | 25.23        | 33          | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#12           | 23.13        | 3          | 26.13        | 33          | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#24           | 23.16        | 3          | 26.16        | 33          | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#0            | 22.17        | 3          | 25.17        | 33          | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 25RB#0           | 21.19        | 3          | 24.19        | 33          | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#12           | 22.25        | 3          | 25.25        | 33          | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#24           | 22.19        | 3          | 25.19        | 33          | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 1RB#0            | 22.33        | 3          | 25.33        | 33          | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 25RB#0           | 21.04        | 3          | 24.04        | 33          | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 1RB#12           | 22.29        | 3          | 25.29        | 33          | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 1RB#24           | 22.3         | 3          | 25.3         | 33          | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 1RB#0            | 22.48        | 3          | 25.48        | 33          | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 25RB#0           | 21.46        | 3          | 24.46        | 33          | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 1RB#12           | 22.49        | 3          | 25.49        | 33          | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 1RB#24           | 22.59        | 3          | 25.59        | 33          | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 1RB#0            | 23.01        | 3          | 26.01        | 33          | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 50RB#0           | 22.06        | 3          | 25.06        | 33          | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 1RB#24           | 23.01        | 3          | 26.01        | 33          | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 1RB#49           | 23.12        | 3          | 26.12        | 33          | PASS    |
| Band41 | 10MHz     | QPSK       | 40620   | 1RB#0            | 23.08        | 3          | 26.08        | 33          | PASS    |
| Band41 | 10MHz     | QPSK       | 40620   | 50RB#0           | 22.16        | 3          | 25.16        | 33          | PASS    |
| Band41 | 10MHz     | QPSK       | 40620   | 1RB#24           | 22.96        | 3          | 25.96        | 33          | PASS    |
| Band41 | 10MHz     | QPSK       | 40620   | 1RB#49           | 23.02        | 3          | 26.02        | 33          | PASS    |
| Band41 | 10MHz     | QPSK       | 41540   | 1RB#0            | 23.29        | 3          | 26.29        | 33          | PASS    |

|        |       |       |       |        |       |   |       |    |      |
|--------|-------|-------|-------|--------|-------|---|-------|----|------|
| Band41 | 10MHz | QPSK  | 41540 | 50RB#0 | 22.36 | 3 | 25.36 | 33 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 1RB#24 | 23.27 | 3 | 26.27 | 33 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 1RB#49 | 23.28 | 3 | 26.28 | 33 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#0  | 21.9  | 3 | 24.9  | 33 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 50RB#0 | 21.04 | 3 | 24.04 | 33 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#24 | 22.13 | 3 | 25.13 | 33 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#49 | 22.35 | 3 | 25.35 | 33 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#0  | 22.21 | 3 | 25.21 | 33 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 50RB#0 | 21.06 | 3 | 24.06 | 33 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#24 | 22.34 | 3 | 25.34 | 33 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#49 | 22.09 | 3 | 25.09 | 33 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#0  | 22.84 | 3 | 25.84 | 33 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 50RB#0 | 21.3  | 3 | 24.3  | 33 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#24 | 22.94 | 3 | 25.94 | 33 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#49 | 22.98 | 3 | 25.98 | 33 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 1RB#0  | 22.64 | 3 | 25.64 | 33 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 75RB#0 | 22.04 | 3 | 25.04 | 33 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 1RB#38 | 22.84 | 3 | 25.84 | 33 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 1RB#74 | 22.96 | 3 | 25.96 | 33 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 1RB#0  | 23.06 | 3 | 26.06 | 33 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 75RB#0 | 22.17 | 3 | 25.17 | 33 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 1RB#38 | 22.99 | 3 | 25.99 | 33 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 1RB#74 | 23    | 3 | 26    | 33 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#0  | 23.28 | 3 | 26.28 | 33 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 75RB#0 | 22.27 | 3 | 25.27 | 33 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#38 | 23.14 | 3 | 26.14 | 33 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#74 | 23.23 | 3 | 26.23 | 33 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#0  | 22.04 | 3 | 25.04 | 33 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 75RB#0 | 21.04 | 3 | 24.04 | 33 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#38 | 22.26 | 3 | 25.26 | 33 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#74 | 22.28 | 3 | 25.28 | 33 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#0  | 22.03 | 3 | 25.03 | 33 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 75RB#0 | 21.2  | 3 | 24.2  | 33 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#38 | 21.87 | 3 | 24.87 | 33 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#74 | 21.98 | 3 | 24.98 | 33 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#0  | 22.46 | 3 | 25.46 | 33 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 75RB#0 | 21.33 | 3 | 24.33 | 33 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#38 | 22.15 | 3 | 25.15 | 33 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#74 | 22.82 | 3 | 25.82 | 33 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 1RB#0  | 22.72 | 3 | 25.72 | 33 | PASS |

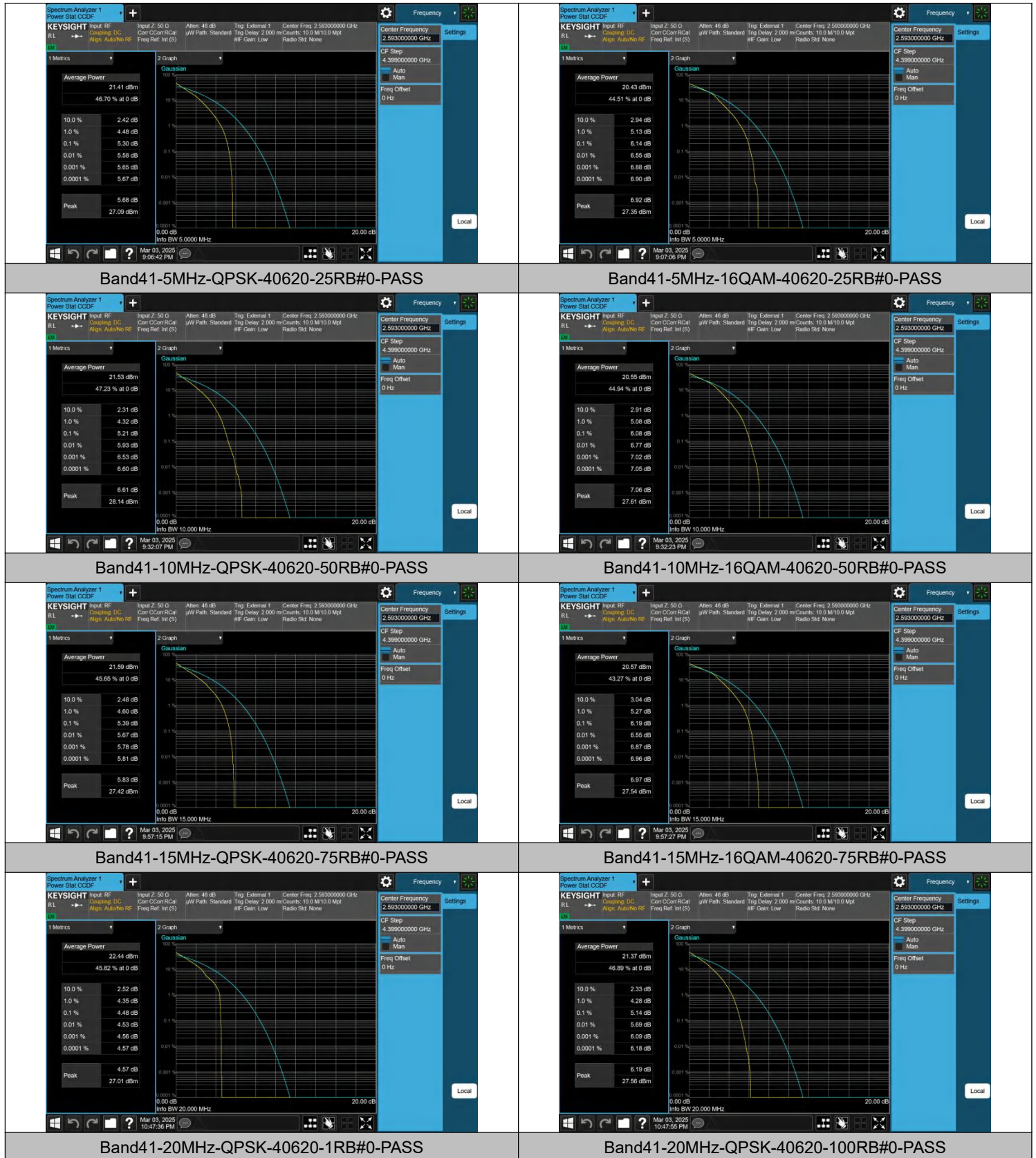
|        |       |       |       |         |       |   |       |    |      |
|--------|-------|-------|-------|---------|-------|---|-------|----|------|
| Band41 | 20MHz | QPSK  | 39750 | 100RB#0 | 22.04 | 3 | 25.04 | 33 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 1RB#49  | 23.36 | 3 | 26.36 | 33 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 1RB#99  | 22.9  | 3 | 25.9  | 33 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#0   | 23.22 | 3 | 26.22 | 33 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 100RB#0 | 22.05 | 3 | 25.05 | 33 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#49  | 23.22 | 3 | 26.22 | 33 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#99  | 23.11 | 3 | 26.11 | 33 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#0   | 23.14 | 3 | 26.14 | 33 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 100RB#0 | 22.2  | 3 | 25.2  | 33 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#49  | 23.11 | 3 | 26.11 | 33 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#99  | 22.97 | 3 | 25.97 | 33 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#0   | 22.42 | 3 | 25.42 | 33 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | 21.01 | 3 | 24.01 | 33 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#49  | 22.88 | 3 | 25.88 | 33 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#99  | 22.32 | 3 | 25.32 | 33 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#0   | 22.18 | 3 | 25.18 | 33 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | 21.06 | 3 | 24.06 | 33 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#49  | 22.21 | 3 | 25.21 | 33 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#99  | 21.98 | 3 | 24.98 | 33 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#0   | 21.95 | 3 | 24.95 | 33 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | 21.28 | 3 | 24.28 | 33 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#49  | 22.34 | 3 | 25.34 | 33 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#99  | 22.2  | 3 | 25.2  | 33 | PASS |

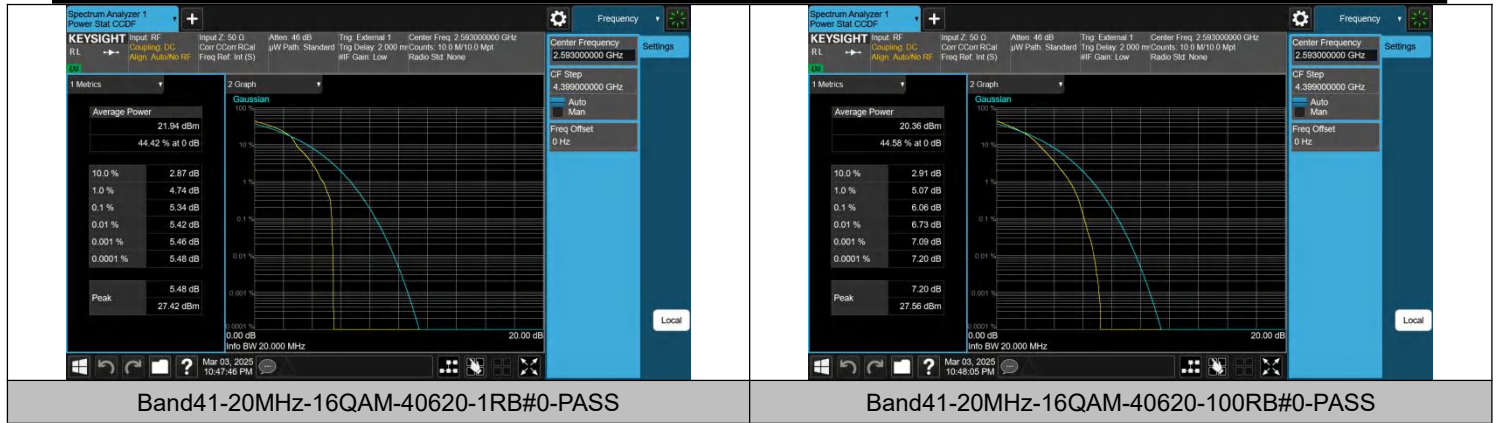
## Peak-to-Average Ratio(CCDF)

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band41 | 5MHz      | QPSK       | 40620   | 25RB#0           | 5.30       | 13        | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 25RB#0           | 6.14       | 13        | PASS    |
| Band41 | 10MHz     | QPSK       | 40620   | 50RB#0           | 5.21       | 13        | PASS    |
| Band41 | 10MHz     | 16QAM      | 40620   | 50RB#0           | 6.08       | 13        | PASS    |
| Band41 | 15MHz     | QPSK       | 40620   | 75RB#0           | 5.39       | 13        | PASS    |
| Band41 | 15MHz     | 16QAM      | 40620   | 75RB#0           | 6.19       | 13        | PASS    |
| Band41 | 20MHz     | QPSK       | 40620   | 1RB#0            | 4.48       | 13        | PASS    |
| Band41 | 20MHz     | QPSK       | 40620   | 100RB#0          | 5.14       | 13        | PASS    |
| Band41 | 20MHz     | 16QAM      | 40620   | 1RB#0            | 5.34       | 13        | PASS    |
| Band41 | 20MHz     | 16QAM      | 40620   | 100RB#0          | 6.06       | 13        | PASS    |

## Test Graphs



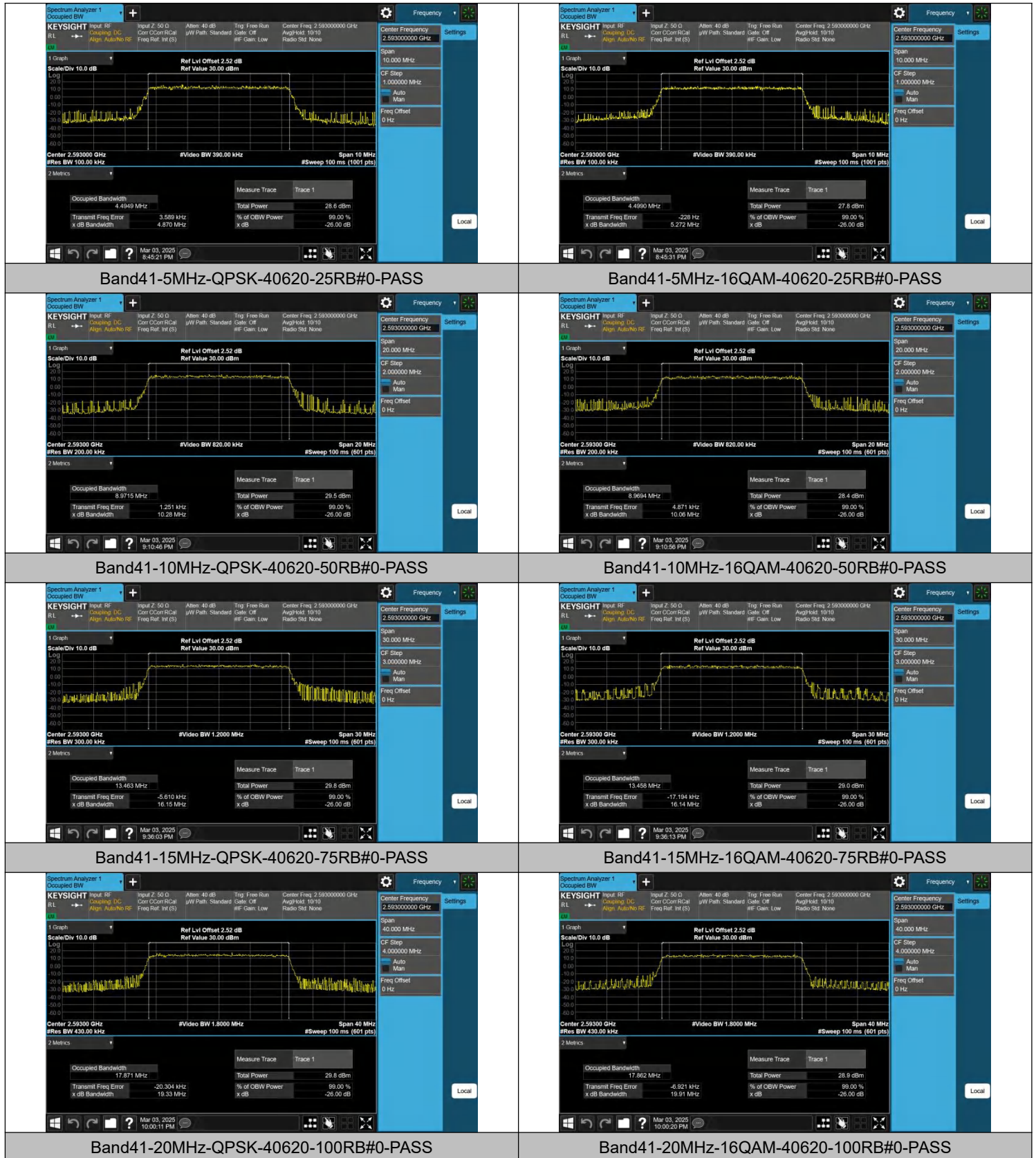


## 26dB Bandwidth and Occupied Bandwidth

### Test Result

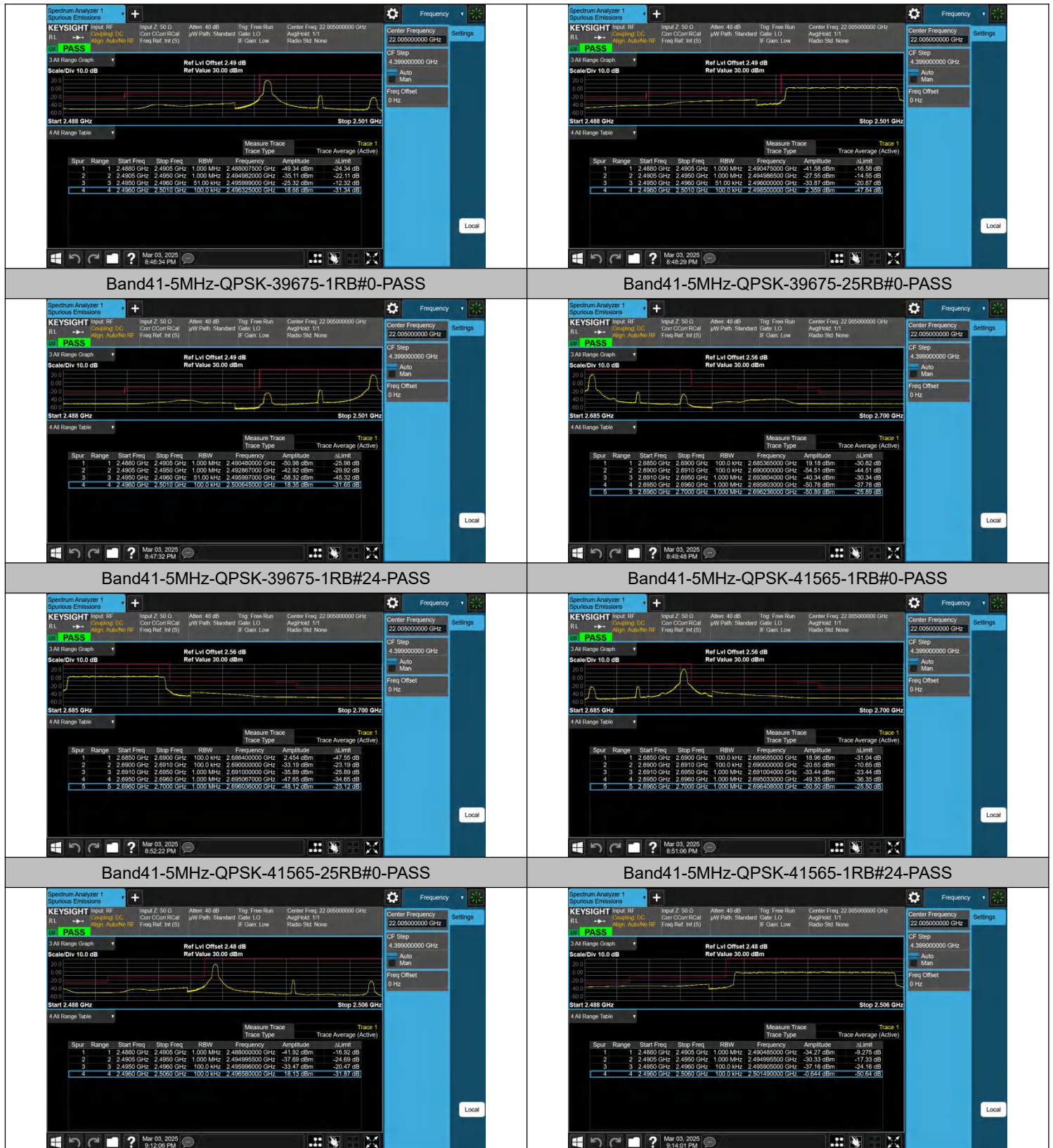
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band41 | 5MHz      | QPSK       | 40620   | 25RB#0           | 4.4949                   | 4.870                | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 25RB#0           | 4.4990                   | 5.272                | PASS    |
| Band41 | 10MHz     | QPSK       | 40620   | 50RB#0           | 8.9715                   | 10.28                | PASS    |
| Band41 | 10MHz     | 16QAM      | 40620   | 50RB#0           | 8.9694                   | 10.06                | PASS    |
| Band41 | 15MHz     | QPSK       | 40620   | 75RB#0           | 13.463                   | 16.15                | PASS    |
| Band41 | 15MHz     | 16QAM      | 40620   | 75RB#0           | 13.458                   | 16.14                | PASS    |
| Band41 | 20MHz     | QPSK       | 40620   | 100RB#0          | 17.871                   | 19.33                | PASS    |
| Band41 | 20MHz     | 16QAM      | 40620   | 100RB#0          | 17.862                   | 19.91                | PASS    |

## Test Graphs

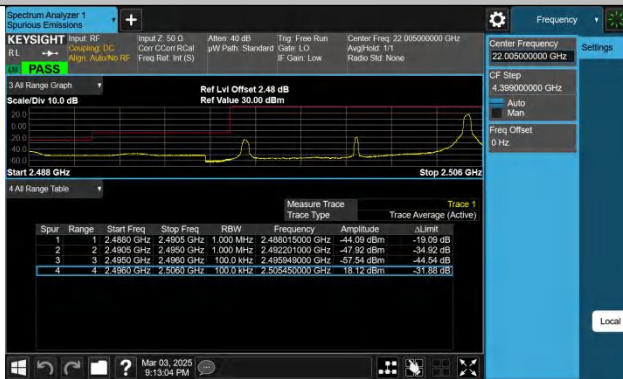


# Band Edge

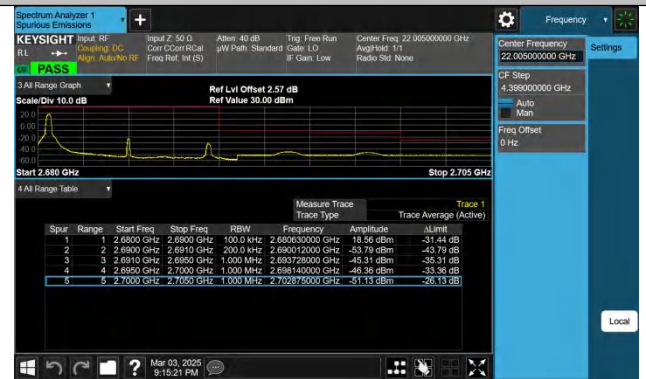
## Test Graphs



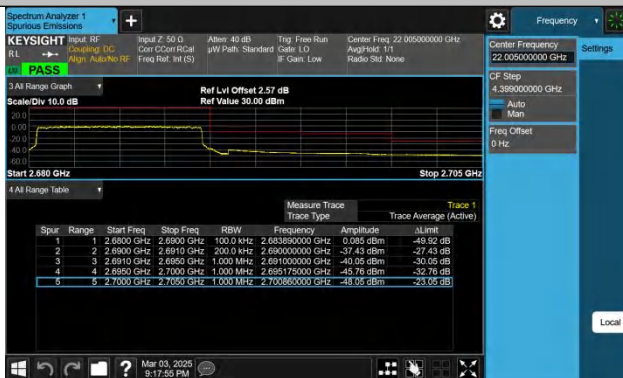
Band41-10MHz-QPSK-39700-1RB#0-PASS



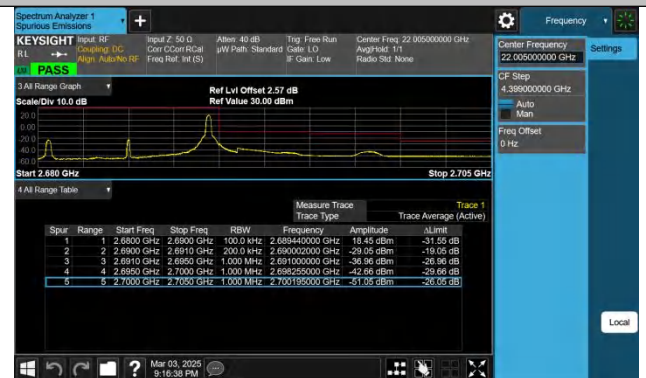
Band41-10MHz-QPSK-39700-50RB#0-PASS



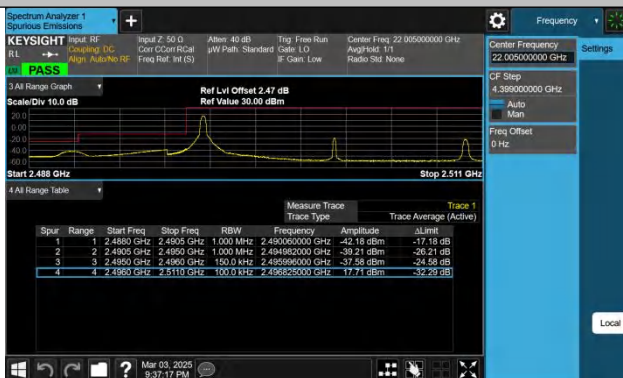
Band41-10MHz-QPSK-39700-1RB#49-PASS



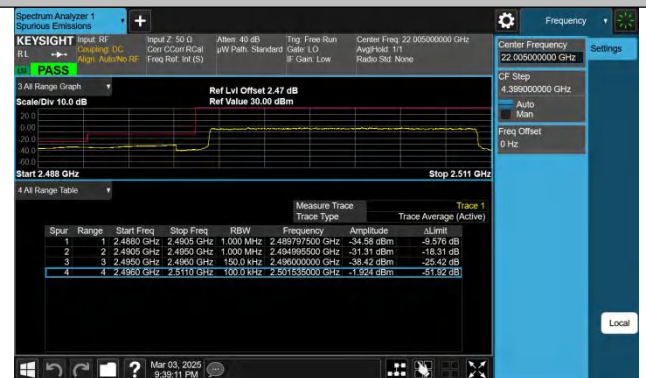
Band41-10MHz-QPSK-41540-1RB#0-PASS



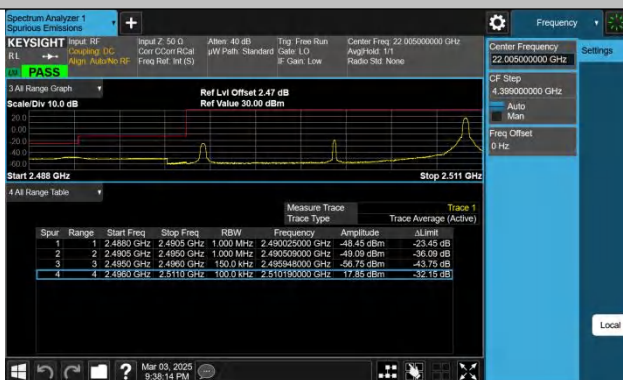
Band41-10MHz-QPSK-41540-50RB#0-PASS



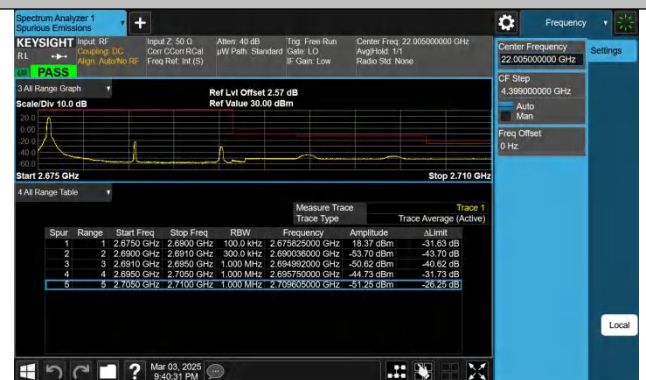
Band41-10MHz-QPSK-41540-1RB#49-PASS



Band41-15MHz-QPSK-39725-1RB#0-PASS

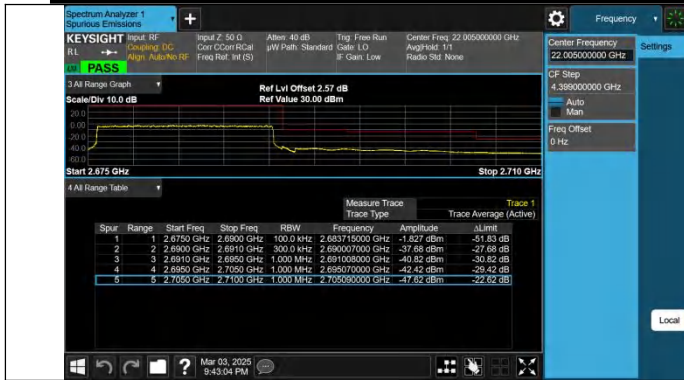


Band41-15MHz-QPSK-39725-75RB#0-PASS



Band41-15MHz-QPSK-39725-1RB#74-PASS

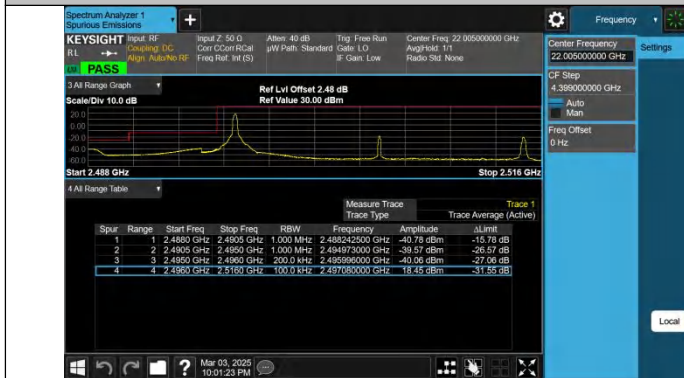
Band41-15MHz-QPSK-41515-1RB#0-PASS



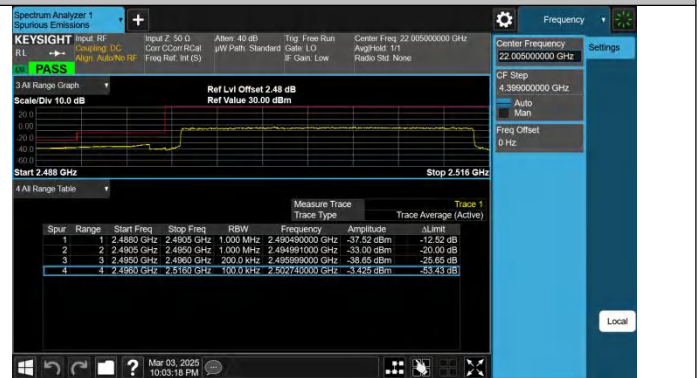
Band41-15MHz-QPSK-41515-75RB#0-PASS



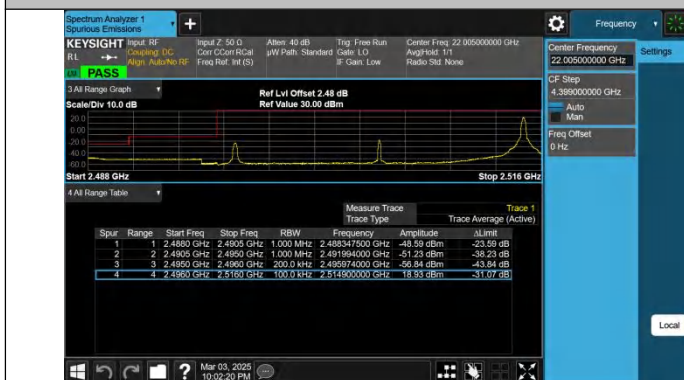
Band41-15MHz-QPSK-41515-1RB#74-PASS



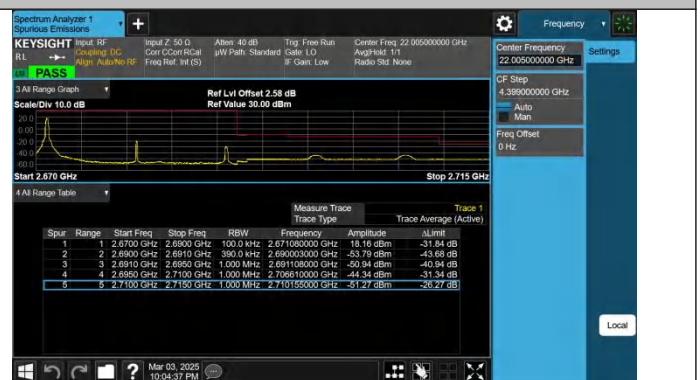
Band41-20MHz-QPSK-39750-1RB#0-PASS



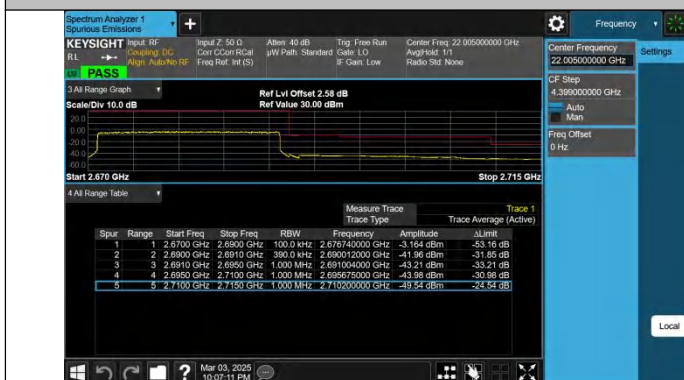
Band41-20MHz-QPSK-39750-100RB#0-PASS



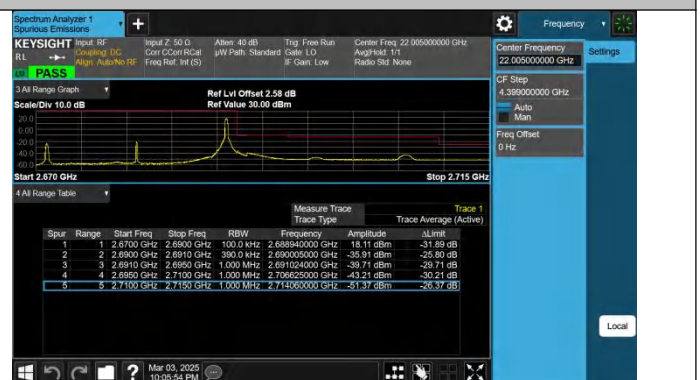
Band41-20MHz-QPSK-39750-1RB#99-PASS



Band41-20MHz-QPSK-41490-1RB#0-PASS



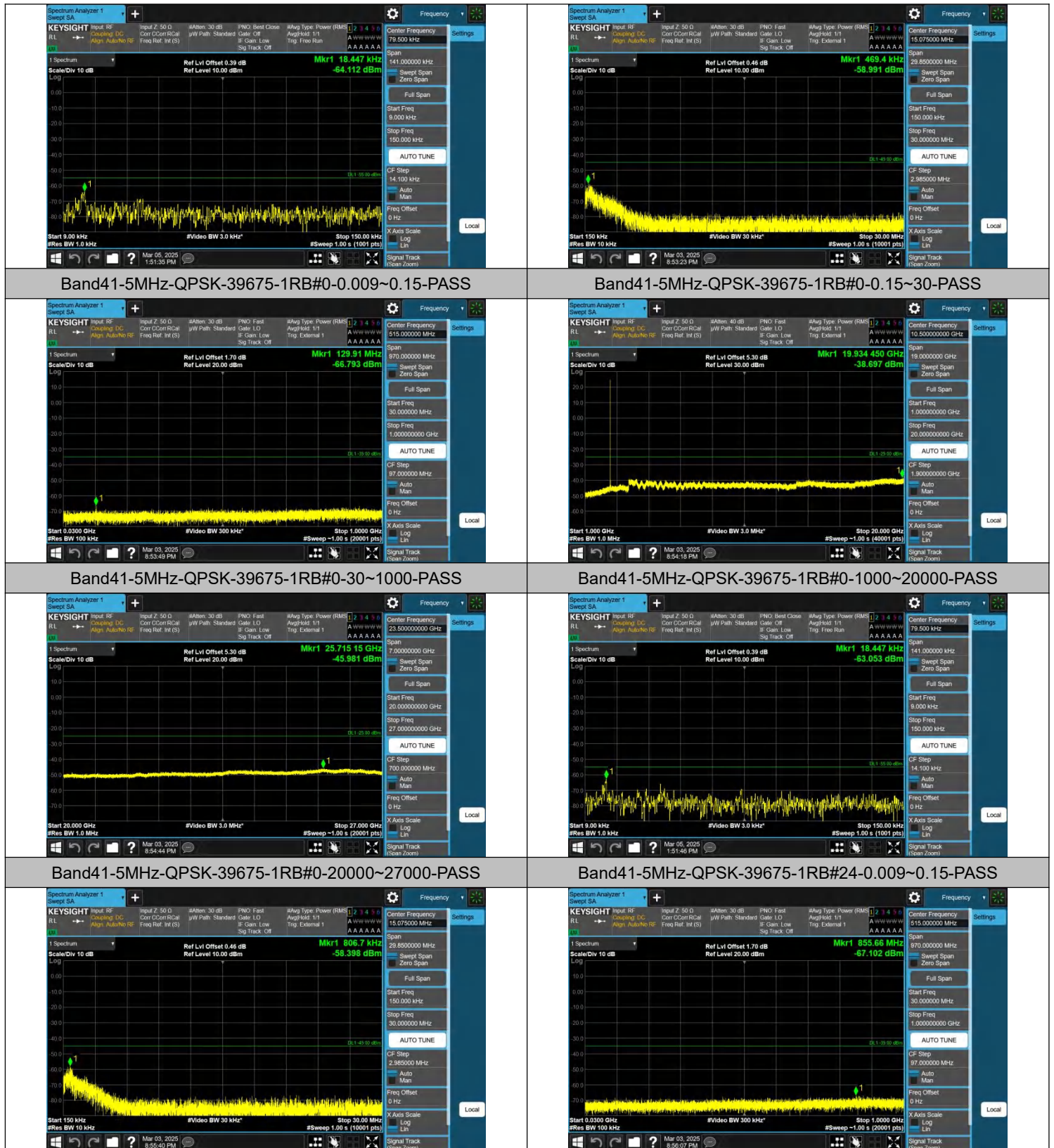
Band41-20MHz-QPSK-41490-100RB#0-PASS



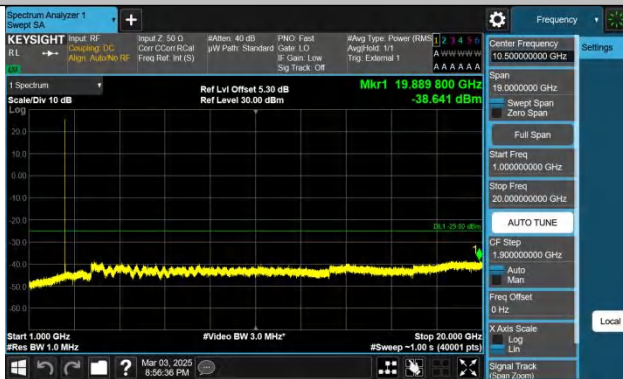
Band41-20MHz-QPSK-41490-1RB#99-PASS

# Conducted Spurious Emission

## Test Graphs



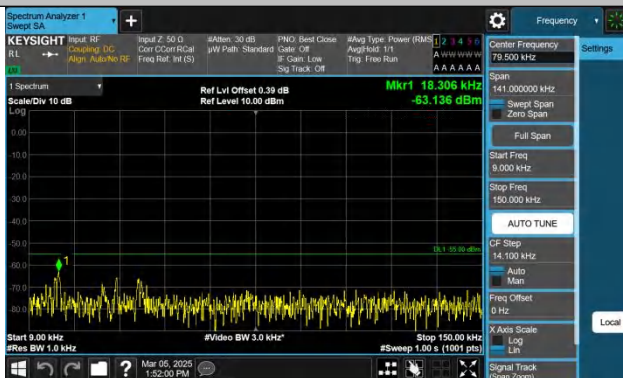
Band41-5MHz-QPSK-39675-1RB#24-0.15~30-PASS



Band41-5MHz-QPSK-39675-1RB#24-30~1000-PASS



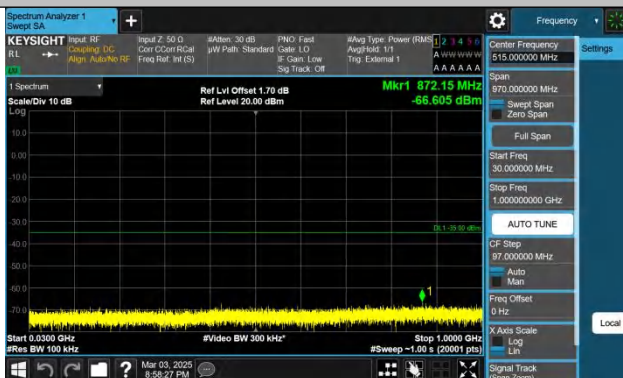
Band41-5MHz-QPSK-39675-1RB#24-1000~20000-PASS



Band41-5MHz-QPSK-39675-1RB#24-20000~27000-PASS



Band41-5MHz-QPSK-40620-1RB#0-0.009~0.15-PASS



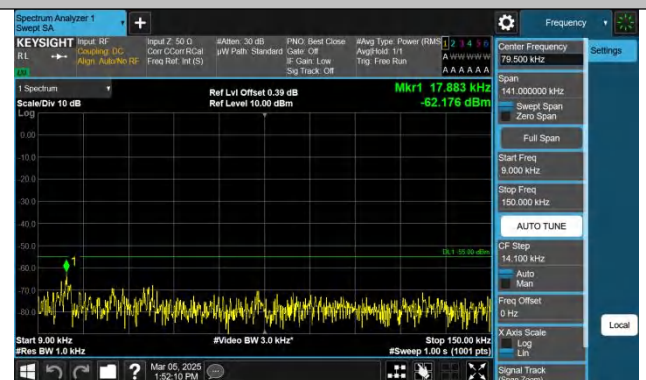
Band41-5MHz-QPSK-40620-1RB#0-0.15~30-PASS



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

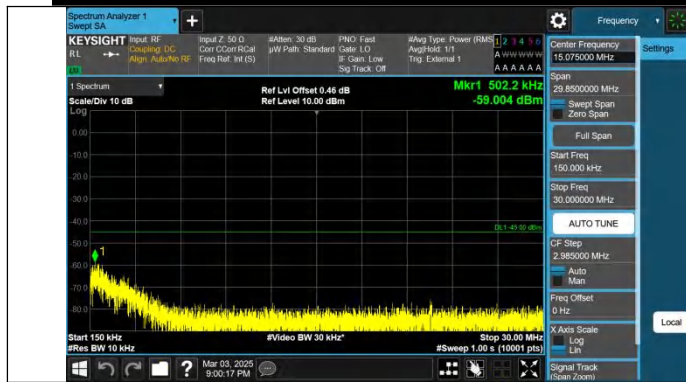


Band41-5MHz-QPSK-40620-1RB#0-1000~20000-PASS

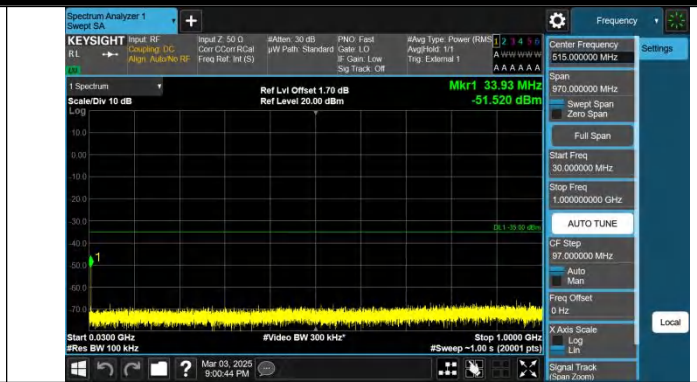


Band41-5MHz-QPSK-40620-1RB#0-20000~27000-PASS

Band41-5MHz-QPSK-40620-1RB#24-0.009~0.15-PASS



Band41-5MHz-QPSK-40620-1RB#24-0.15~30-PASS



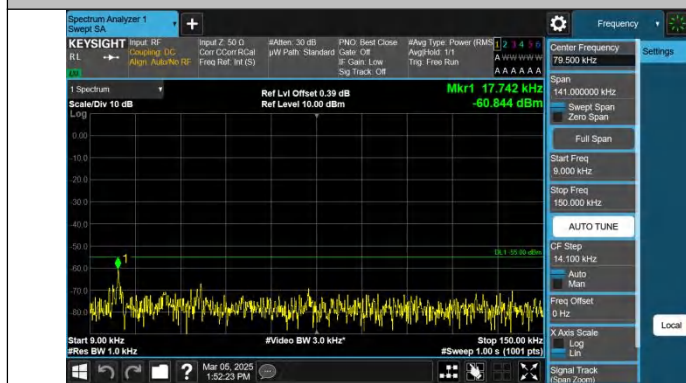
Band41-5MHz-QPSK-40620-1RB#24-30~1000-PASS



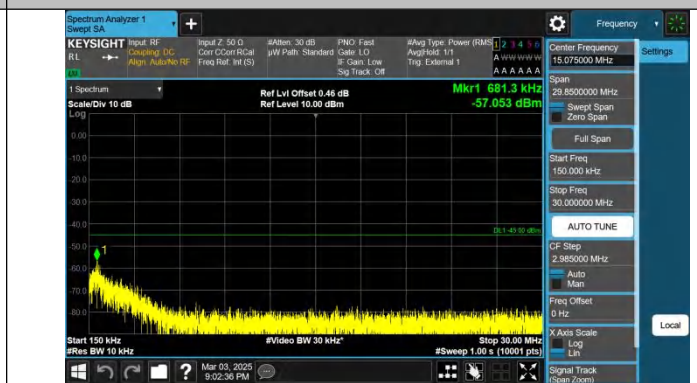
Band41-5MHz-QPSK-40620-1RB#24-1000~20000-PASS



Band41-5MHz-QPSK-40620-1RB#24-20000~27000-PASS



Band41-5MHz-QPSK-41565-1RB#0-0.009~0.15-PASS



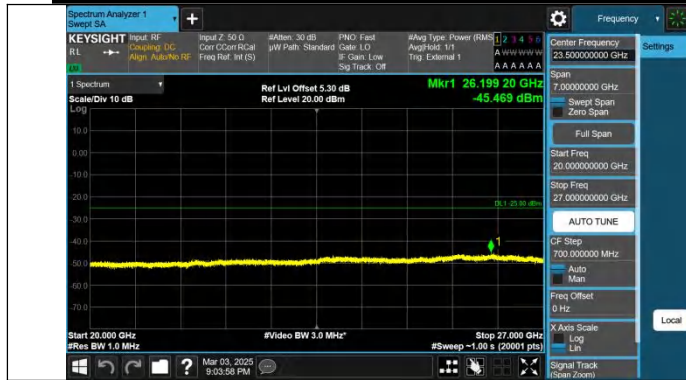
Band41-5MHz-QPSK-41565-1RB#0-0.15~30-PASS



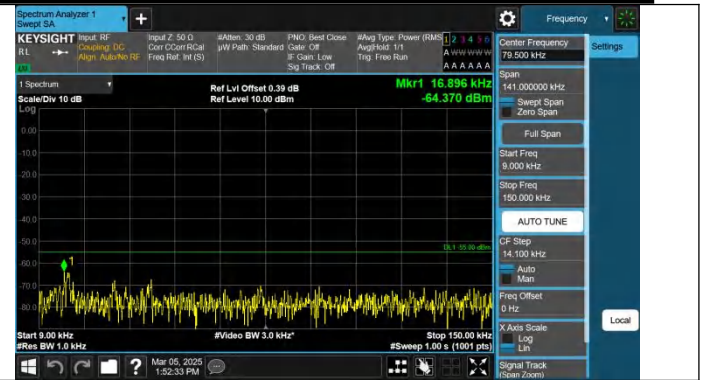
Band41-5MHz-QPSK-41565-1RB#0-30~1000-PASS



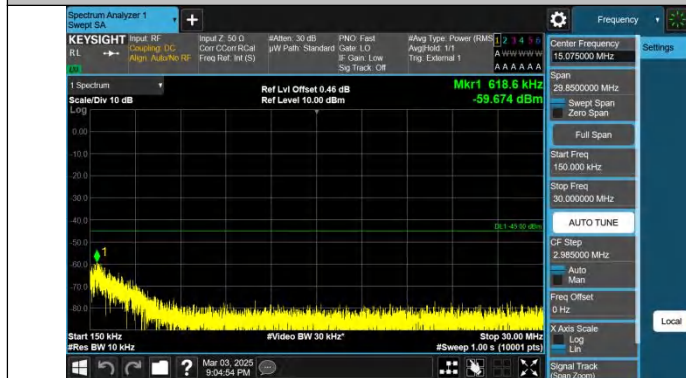
Band41-5MHz-QPSK-41565-1RB#0-1000~20000-PASS



Band41-5MHz-QPSK-41565-1RB#0-20000~27000-PASS



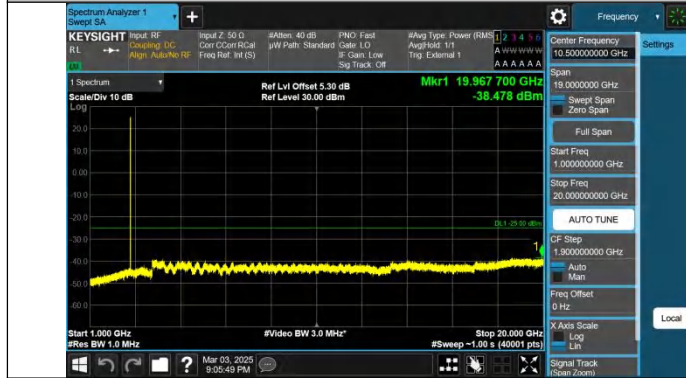
Band41-5MHz-QPSK-41565-1RB#24-0.009~0.15-PASS



Band41-5MHz-QPSK-41565-1RB#24-0.15~30-PASS



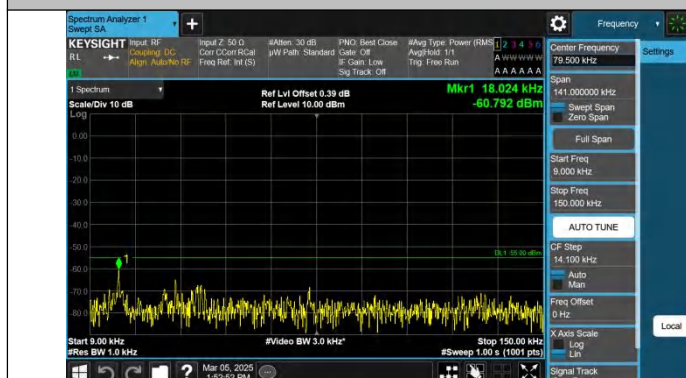
Band41-5MHz-QPSK-41565-1RB#24-30~1000-PASS



Band41-5MHz-QPSK-41565-1RB#24-1000~20000-PASS



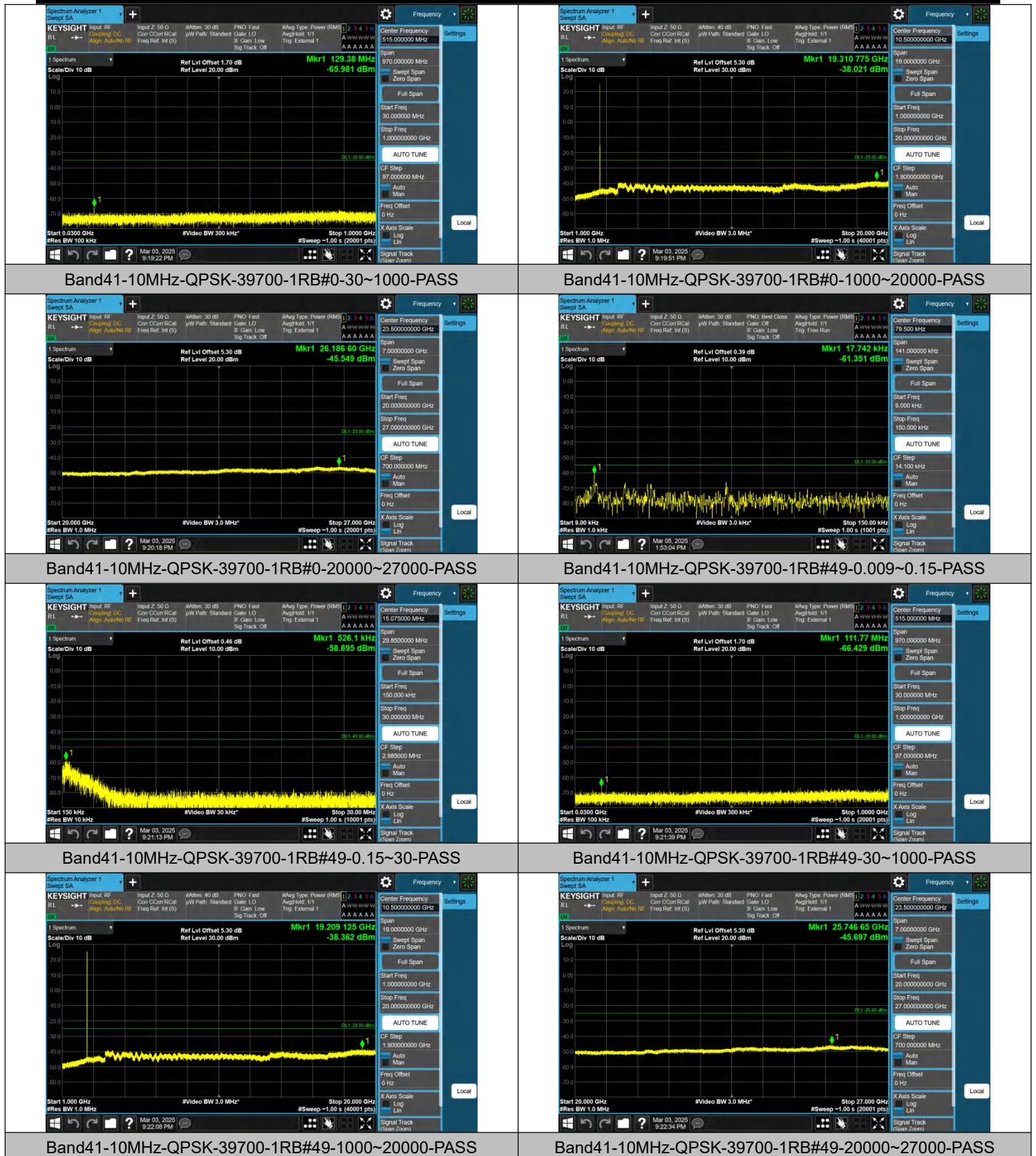
Band41-5MHz-QPSK-41565-1RB#24-20000~27000-PASS

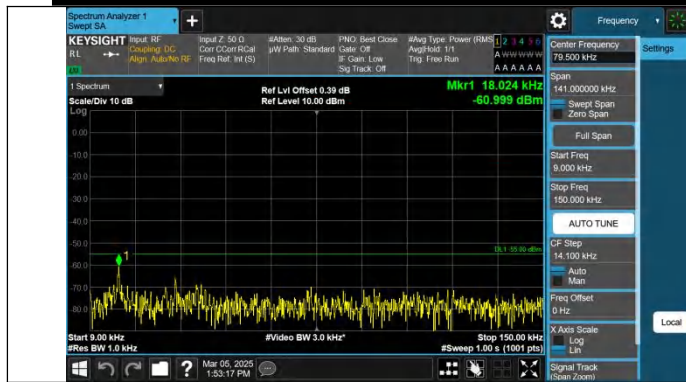


Band41-10MHz-QPSK-39700-1RB#0-0.009~0.15-PASS

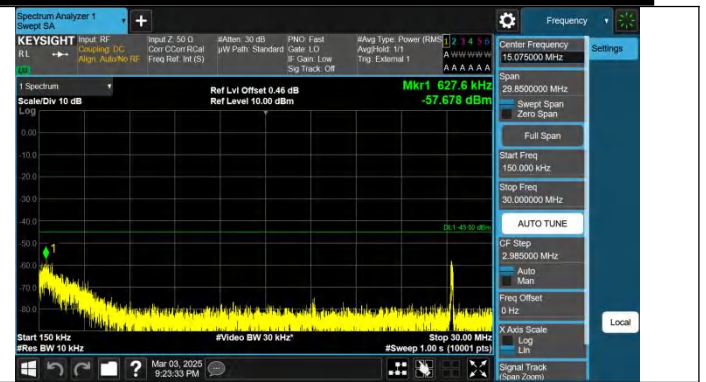


Band41-10MHz-QPSK-39700-1RB#0-0.15~30-PASS

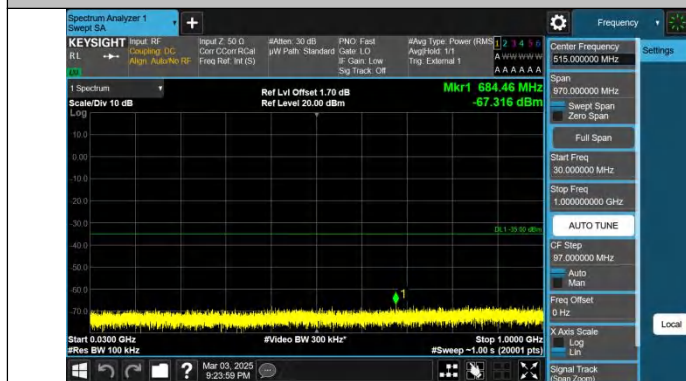




Band41-10MHz-QPSK-40620-1RB#0-0.009~0.15-PASS



Band41-10MHz-QPSK-40620-1RB#0-0.15~30-PASS



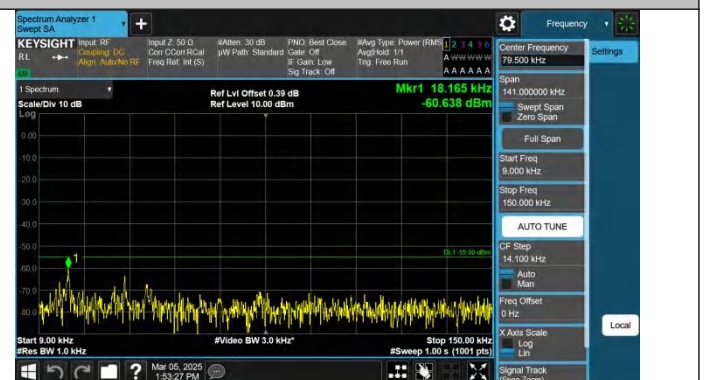
Band41-10MHz-QPSK-40620-1RB#0-30~1000-PASS



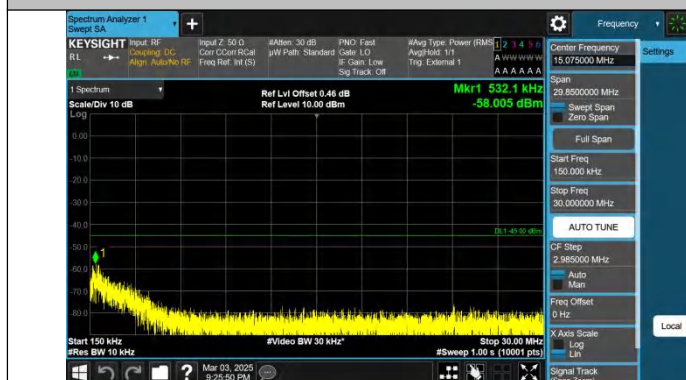
Band41-10MHz-QPSK-40620-1RB#0-1000~20000-PASS



Band41-10MHz-QPSK-40620-1RB#0-20000~27000-PASS



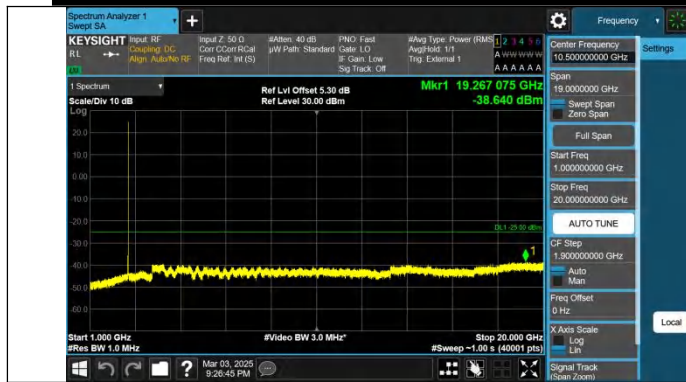
Band41-10MHz-QPSK-40620-1RB#49-0.009~0.15-PASS



Band41-10MHz-QPSK-40620-1RB#49-0.15~30-PASS



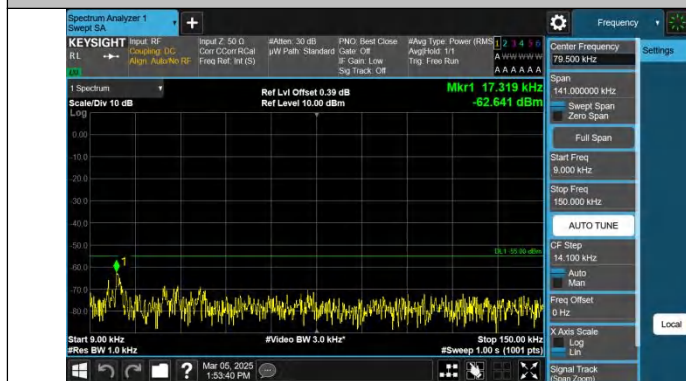
Band41-10MHz-QPSK-40620-1RB#49-30~1000-PASS



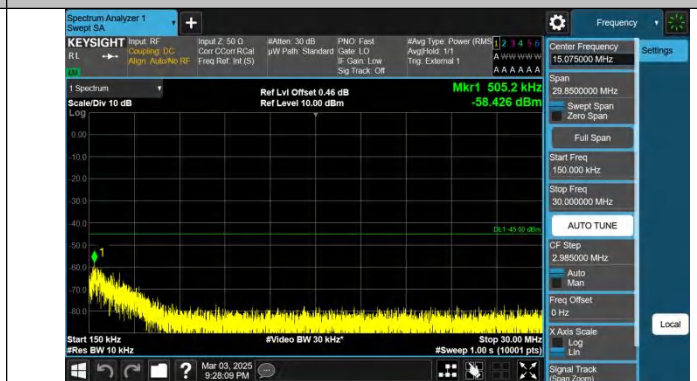
Band41-10MHz-QPSK-40620-1RB#49-1000~20000-PASS



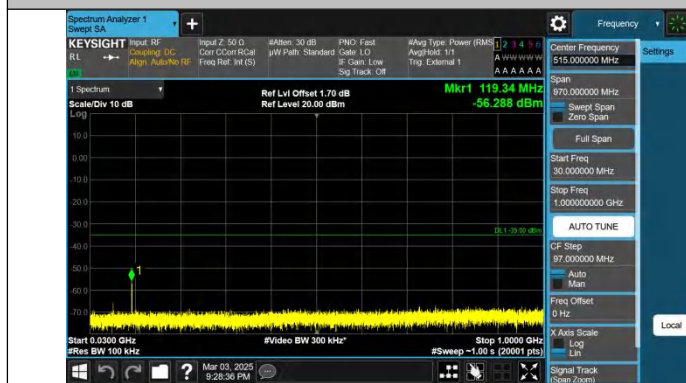
Band41-10MHz-QPSK-40620-1RB#49-20000~27000-PASS



Band41-10MHz-QPSK-41540-1RB#0-0.009~0.15-PASS



Band41-10MHz-QPSK-41540-1RB#0-0.15~30-PASS



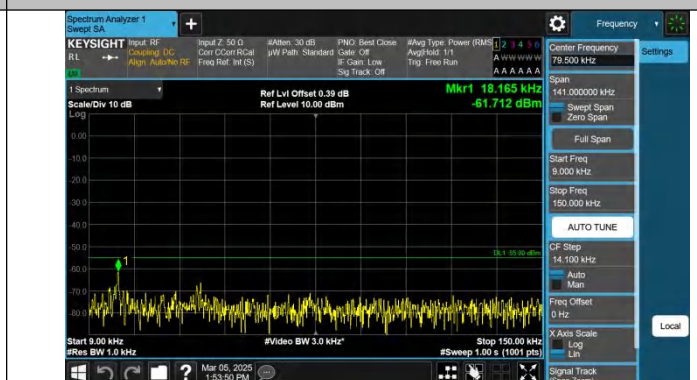
Band41-10MHz-QPSK-41540-1RB#0-30~1000-PASS



Band41-10MHz-QPSK-41540-1RB#0-1000~20000-PASS



Band41-10MHz-QPSK-41540-1RB#0-20000~27000-PASS

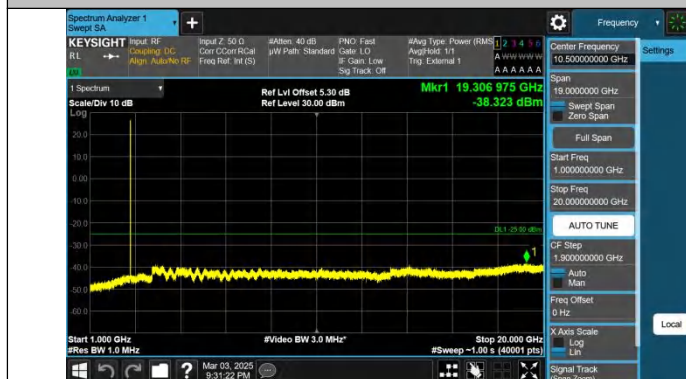


Band41-10MHz-QPSK-41540-1RB#49-0.009~0.15-PASS



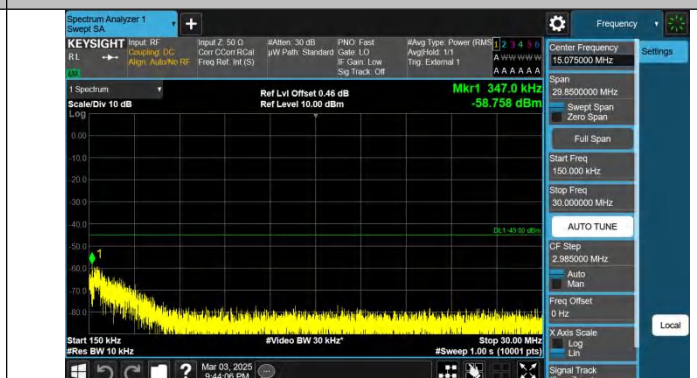
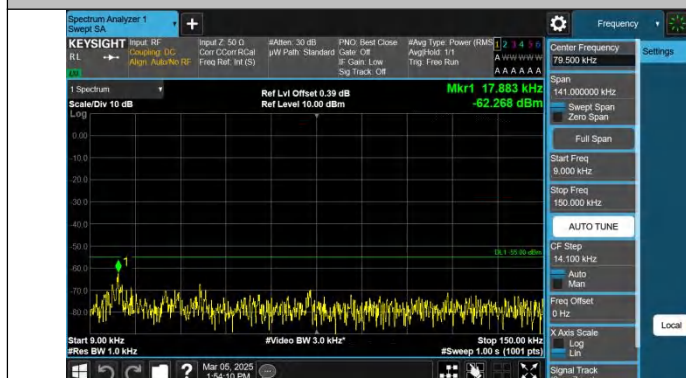
Band41-10MHz-QPSK-41540-1RB#49-0.15~30-PASS

Band41-10MHz-QPSK-41540-1RB#49-30~1000-PASS



Band41-10MHz-QPSK-41540-1RB#49-1000~20000-PASS

Band41-10MHz-QPSK-41540-1RB#49-20000~27000-PASS



Band41-15MHz-QPSK-39725-1RB#0-0.009~0.15-PASS

Band41-15MHz-QPSK-39725-1RB#0-0.15~30-PASS



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

Band41-15MHz-QPSK-39725-1RB#0-1000~20000-PASS