

## 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 |
|--------|-----------|------------|---------|------------------|--------------|------------|--------------|-------------|---------|
| Band71 | 5MHz      | QPSK       | 133147  | 1RB#0            | 22.97        | -0.9       | 19.92        | 34.8        | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 25RB#0           | 22.27        | -0.9       | 19.22        | 34.8        | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 1RB#12           | 23.08        | -0.9       | 20.03        | 34.8        | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 1RB#24           | 23.09        | -0.9       | 20.04        | 34.8        | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 1RB#0            | 23.13        | -0.9       | 20.08        | 34.8        | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 25RB#0           | 22.27        | -0.9       | 19.22        | 34.8        | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 1RB#12           | 23.53        | -0.9       | 20.48        | 34.8        | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 1RB#24           | 23.26        | -0.9       | 20.21        | 34.8        | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 1RB#0            | 23.00        | -0.9       | 19.95        | 34.8        | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 25RB#0           | 22.15        | -0.9       | 19.1         | 34.8        | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 1RB#12           | 23.23        | -0.9       | 20.18        | 34.8        | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 1RB#24           | 22.98        | -0.9       | 19.93        | 34.8        | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 1RB#0            | 22.09        | -0.9       | 19.04        | 34.8        | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 25RB#0           | 21.17        | -0.9       | 18.12        | 34.8        | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 1RB#12           | 22.05        | -0.9       | 19           | 34.8        | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 1RB#24           | 22.15        | -0.9       | 19.1         | 34.8        | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 1RB#0            | 22.21        | -0.9       | 19.16        | 34.8        | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 25RB#0           | 21.19        | -0.9       | 18.14        | 34.8        | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 1RB#12           | 21.99        | -0.9       | 18.94        | 34.8        | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 1RB#24           | 22.18        | -0.9       | 19.13        | 34.8        | PASS    |
| Band71 | 5MHz      | 16QAM      | 133447  | 1RB#0            | 21.83        | -0.9       | 18.78        | 34.8        | PASS    |
| Band71 | 5MHz      | 16QAM      | 133447  | 25RB#0           | 21.09        | -0.9       | 18.04        | 34.8        | PASS    |
| Band71 | 5MHz      | 16QAM      | 133447  | 1RB#12           | 22.10        | -0.9       | 19.05        | 34.8        | PASS    |
| Band71 | 5MHz      | 16QAM      | 133447  | 1RB#24           | 22.01        | -0.9       | 18.96        | 34.8        | PASS    |
| Band71 | 10MHz     | QPSK       | 133172  | 1RB#0            | 23.06        | -0.9       | 20.01        | 34.8        | PASS    |
| Band71 | 10MHz     | QPSK       | 133172  | 50RB#0           | 22.31        | -0.9       | 19.26        | 34.8        | PASS    |
| Band71 | 10MHz     | QPSK       | 133172  | 1RB#24           | 23.61        | -0.9       | 20.56        | 34.8        | PASS    |
| Band71 | 10MHz     | QPSK       | 133172  | 1RB#49           | 23.06        | -0.9       | 20.01        | 34.8        | PASS    |
| Band71 | 10MHz     | QPSK       | 133297  | 1RB#0            | 23.34        | -0.9       | 20.29        | 34.8        | PASS    |
| Band71 | 10MHz     | QPSK       | 133297  | 50RB#0           | 22.28        | -0.9       | 19.23        | 34.8        | PASS    |
| Band71 | 10MHz     | QPSK       | 133297  | 1RB#24           | 23.12        | -0.9       | 20.07        | 34.8        | PASS    |
| Band71 | 10MHz     | QPSK       | 133297  | 1RB#49           | 23.18        | -0.9       | 20.13        | 34.8        | PASS    |
| Band71 | 10MHz     | QPSK       | 133422  | 1RB#0            | 22.99        | -0.9       | 19.94        | 34.8        | PASS    |
| Band71 | 10MHz     | QPSK       | 133422  | 50RB#0           | 22.11        | -0.9       | 19.06        | 34.8        | PASS    |
| Band71 | 10MHz     | QPSK       | 133422  | 1RB#24           | 23.02        | -0.9       | 19.97        | 34.8        | PASS    |

|        |       |       |        |         |       |      |       |      |      |
|--------|-------|-------|--------|---------|-------|------|-------|------|------|
| Band71 | 10MHz | QPSK  | 133422 | 1RB#49  | 22.77 | -0.9 | 19.72 | 34.8 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 1RB#0   | 22.68 | -0.9 | 19.63 | 34.8 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 50RB#0  | 21.36 | -0.9 | 18.31 | 34.8 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 1RB#24  | 22.81 | -0.9 | 19.76 | 34.8 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 1RB#49  | 22.46 | -0.9 | 19.41 | 34.8 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 1RB#0   | 22.22 | -0.9 | 19.17 | 34.8 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 50RB#0  | 21.22 | -0.9 | 18.17 | 34.8 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 1RB#24  | 22.58 | -0.9 | 19.53 | 34.8 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 1RB#49  | 22.15 | -0.9 | 19.1  | 34.8 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 1RB#0   | 22.06 | -0.9 | 19.01 | 34.8 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 50RB#0  | 21.07 | -0.9 | 18.02 | 34.8 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 1RB#24  | 22.38 | -0.9 | 19.33 | 34.8 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 1RB#49  | 22.23 | -0.9 | 19.18 | 34.8 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 1RB#0   | 23.25 | -0.9 | 20.2  | 34.8 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 75RB#0  | 22.40 | -0.9 | 19.35 | 34.8 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 1RB#38  | 23.21 | -0.9 | 20.16 | 34.8 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 1RB#74  | 23.16 | -0.9 | 20.11 | 34.8 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 1RB#0   | 23.21 | -0.9 | 20.16 | 34.8 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 75RB#0  | 22.26 | -0.9 | 19.21 | 34.8 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 1RB#38  | 23.29 | -0.9 | 20.24 | 34.8 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 1RB#74  | 22.86 | -0.9 | 19.81 | 34.8 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 1RB#0   | 22.95 | -0.9 | 19.9  | 34.8 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 75RB#0  | 22.17 | -0.9 | 19.12 | 34.8 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 1RB#38  | 22.87 | -0.9 | 19.82 | 34.8 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 1RB#74  | 22.80 | -0.9 | 19.75 | 34.8 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 1RB#0   | 22.79 | -0.9 | 19.74 | 34.8 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 75RB#0  | 21.37 | -0.9 | 18.32 | 34.8 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 1RB#38  | 22.67 | -0.9 | 19.62 | 34.8 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 1RB#74  | 22.68 | -0.9 | 19.63 | 34.8 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 1RB#0   | 22.26 | -0.9 | 19.21 | 34.8 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 75RB#0  | 21.08 | -0.9 | 18.03 | 34.8 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 1RB#38  | 22.45 | -0.9 | 19.4  | 34.8 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 1RB#74  | 22.08 | -0.9 | 19.03 | 34.8 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 1RB#0   | 22.15 | -0.9 | 19.1  | 34.8 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 75RB#0  | 21.05 | -0.9 | 18    | 34.8 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 1RB#38  | 21.80 | -0.9 | 18.75 | 34.8 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 1RB#74  | 22.10 | -0.9 | 19.05 | 34.8 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 1RB#0   | 23.06 | -0.9 | 20.01 | 34.8 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 100RB#0 | 22.30 | -0.9 | 19.25 | 34.8 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 1RB#49  | 23.61 | -0.9 | 20.56 | 34.8 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 1RB#99  | 22.86 | -0.9 | 19.81 | 34.8 | PASS |

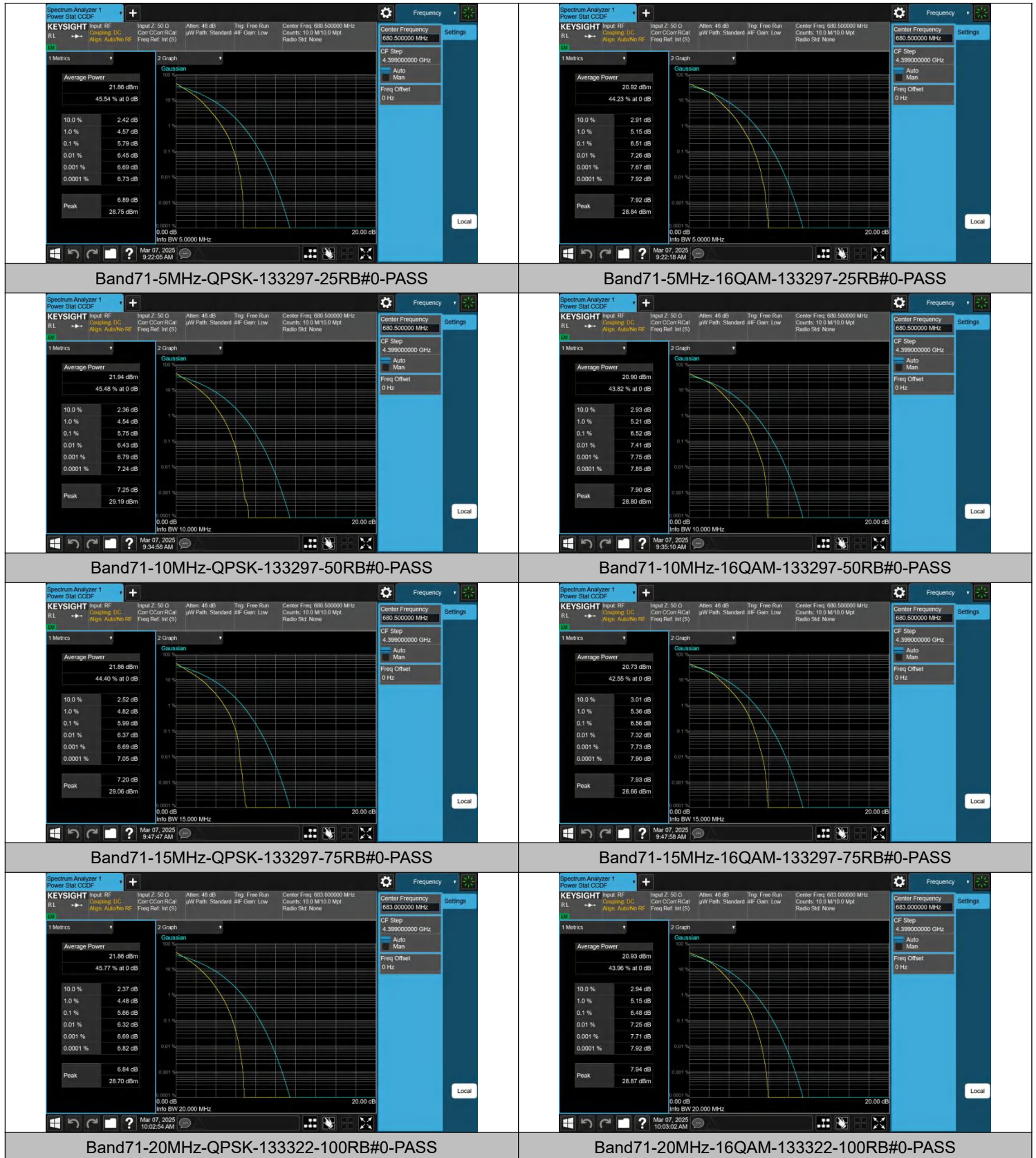
|        |       |       |        |         |       |      |       |      |      |
|--------|-------|-------|--------|---------|-------|------|-------|------|------|
| Band71 | 20MHz | QPSK  | 133322 | 1RB#0   | 23.16 | -0.9 | 20.11 | 34.8 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 100RB#0 | 22.31 | -0.9 | 19.26 | 34.8 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 1RB#49  | 23.45 | -0.9 | 20.4  | 34.8 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 1RB#99  | 22.90 | -0.9 | 19.85 | 34.8 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 1RB#0   | 23.47 | -0.9 | 20.42 | 34.8 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 100RB#0 | 22.13 | -0.9 | 19.08 | 34.8 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 1RB#49  | 23.23 | -0.9 | 20.18 | 34.8 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 1RB#99  | 23.02 | -0.9 | 19.97 | 34.8 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 1RB#0   | 22.05 | -0.9 | 19    | 34.8 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 100RB#0 | 21.26 | -0.9 | 18.21 | 34.8 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 1RB#49  | 22.03 | -0.9 | 18.98 | 34.8 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 1RB#99  | 21.83 | -0.9 | 18.78 | 34.8 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 1RB#0   | 22.09 | -0.9 | 19.04 | 34.8 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 100RB#0 | 21.24 | -0.9 | 18.19 | 34.8 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 1RB#49  | 22.19 | -0.9 | 19.14 | 34.8 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 1RB#99  | 21.93 | -0.9 | 18.88 | 34.8 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#0   | 22.92 | -0.9 | 19.87 | 34.8 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 100RB#0 | 21.18 | -0.9 | 18.13 | 34.8 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#49  | 22.88 | -0.9 | 19.83 | 34.8 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#99  | 22.68 | -0.9 | 19.63 | 34.8 | PASS |

## Peak-to-Average Ratio(CCDF)

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band71 | 5MHz      | QPSK       | 133297  | 25RB#0           | 5.79       | 13        | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 25RB#0           | 6.51       | 13        | PASS    |
| Band71 | 10MHz     | QPSK       | 133297  | 50RB#0           | 5.75       | 13        | PASS    |
| Band71 | 10MHz     | 16QAM      | 133297  | 50RB#0           | 6.52       | 13        | PASS    |
| Band71 | 15MHz     | QPSK       | 133297  | 75RB#0           | 5.99       | 13        | PASS    |
| Band71 | 15MHz     | 16QAM      | 133297  | 75RB#0           | 6.56       | 13        | PASS    |
| Band71 | 20MHz     | QPSK       | 133322  | 100RB#0          | 5.66       | 13        | PASS    |
| Band71 | 20MHz     | 16QAM      | 133322  | 100RB#0          | 6.48       | 13        | PASS    |

## Test Graphs

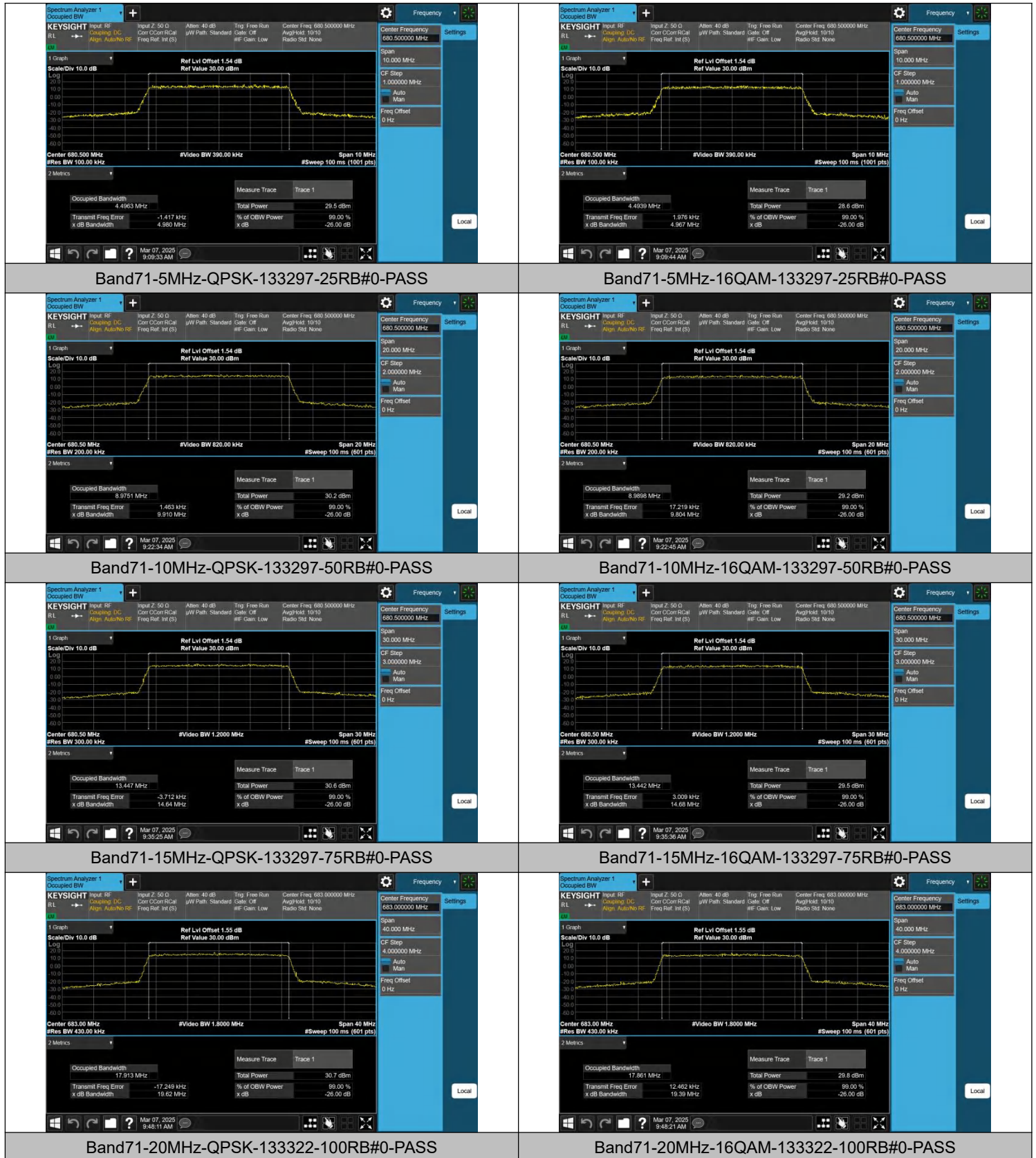


## 26dB Bandwidth and Occupied Bandwidth

### Test Result

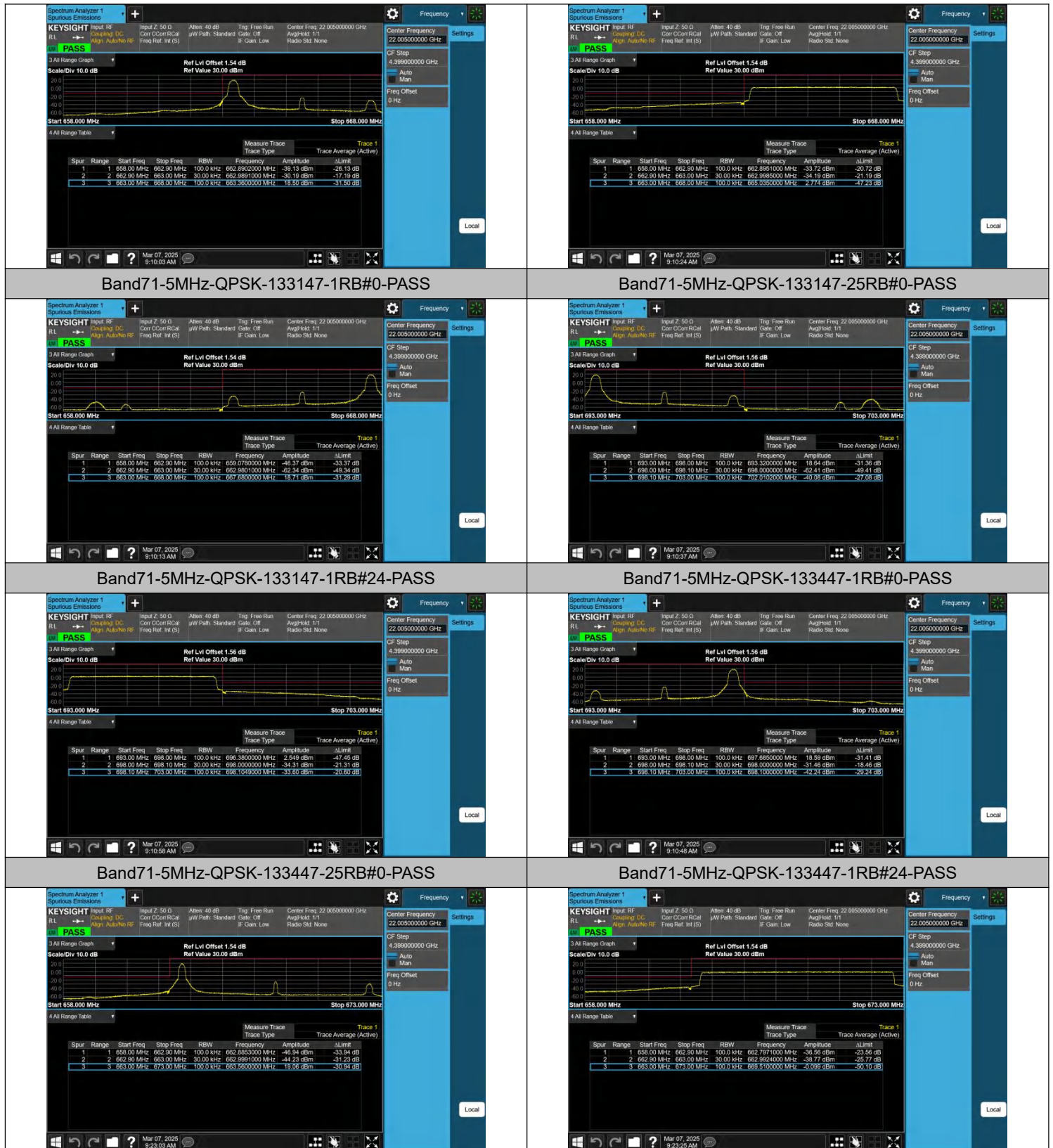
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band71 | 5MHz      | QPSK       | 133297  | 25RB#0           | 4.4963                   | 4.980                | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 25RB#0           | 4.4939                   | 4.967                | PASS    |
| Band71 | 10MHz     | QPSK       | 133297  | 50RB#0           | 8.9751                   | 9.910                | PASS    |
| Band71 | 10MHz     | 16QAM      | 133297  | 50RB#0           | 8.9898                   | 9.804                | PASS    |
| Band71 | 15MHz     | QPSK       | 133297  | 75RB#0           | 13.447                   | 14.64                | PASS    |
| Band71 | 15MHz     | 16QAM      | 133297  | 75RB#0           | 13.442                   | 14.68                | PASS    |
| Band71 | 20MHz     | QPSK       | 133322  | 100RB#0          | 17.913                   | 19.62                | PASS    |
| Band71 | 20MHz     | 16QAM      | 133322  | 100RB#0          | 17.861                   | 19.39                | PASS    |

## Test Graphs



# Band Edge

## Test Graphs



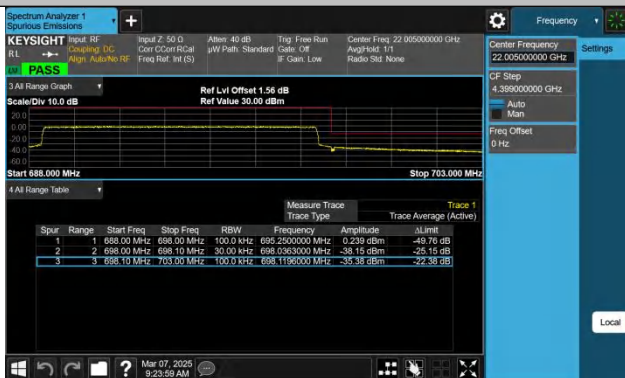
Band71-10MHz-QPSK-133172-1RB#0-PASS



Band71-10MHz-QPSK-133172-50RB#0-PASS



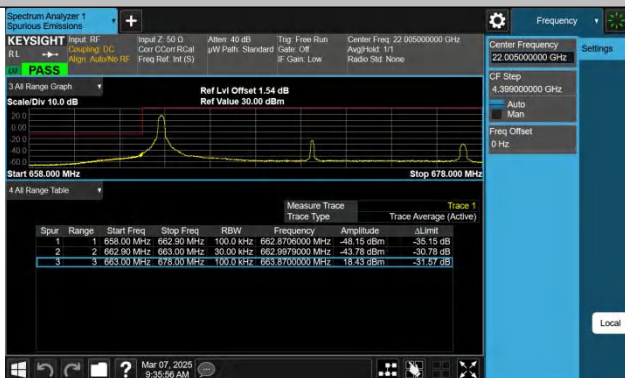
Band71-10MHz-QPSK-133172-1RB#49-PASS



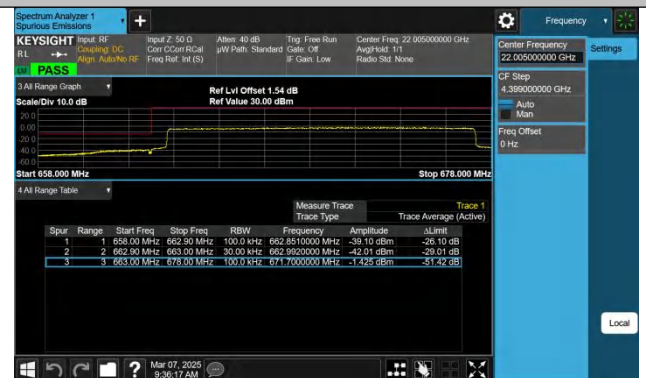
Band71-10MHz-QPSK-133422-1RB#0-PASS



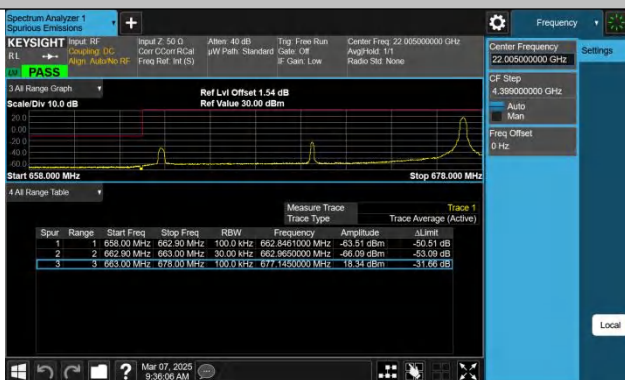
Band71-10MHz-QPSK-133422-50RB#0-PASS



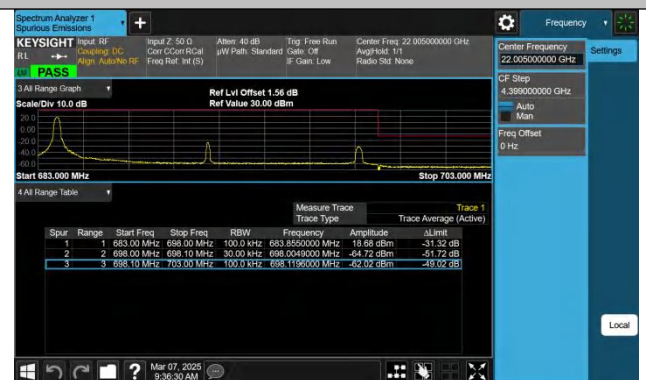
Band71-10MHz-QPSK-133422-1RB#49-PASS



Band71-15MHz-QPSK-133197-1RB#0-PASS



Band71-15MHz-QPSK-133197-75RB#0-PASS



Band71-15MHz-QPSK-133197-1RB#74-PASS

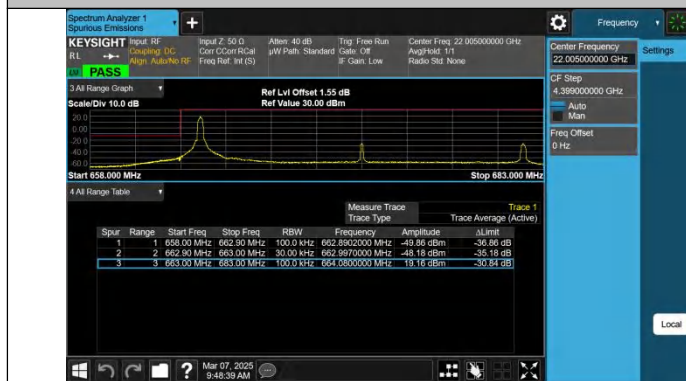
Band71-15MHz-QPSK-133397-1RB#0-PASS



Band71-15MHz-QPSK-133397-75RB#0-PASS



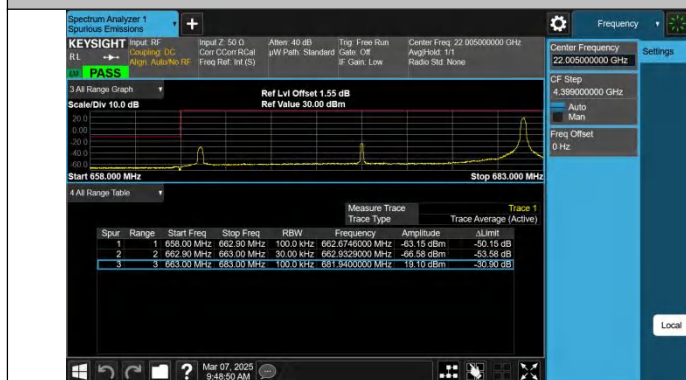
Band71-15MHz-QPSK-133397-1RB#74-PASS



Band71-20MHz-QPSK-133222-1RB#0-PASS



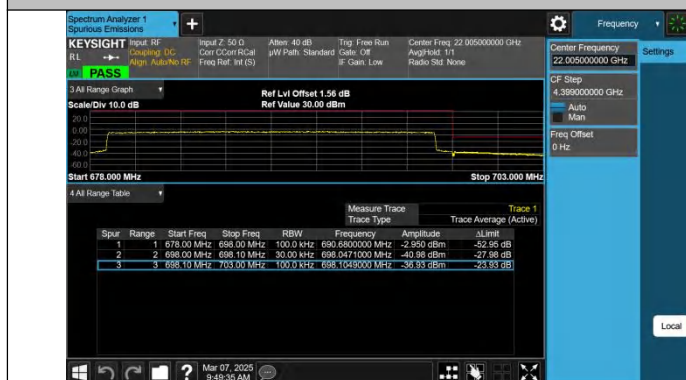
Band71-20MHz-QPSK-133222-100RB#0-PASS



Band71-20MHz-QPSK-133222-1RB#99-PASS



Band71-20MHz-QPSK-133372-100RB#0-PASS



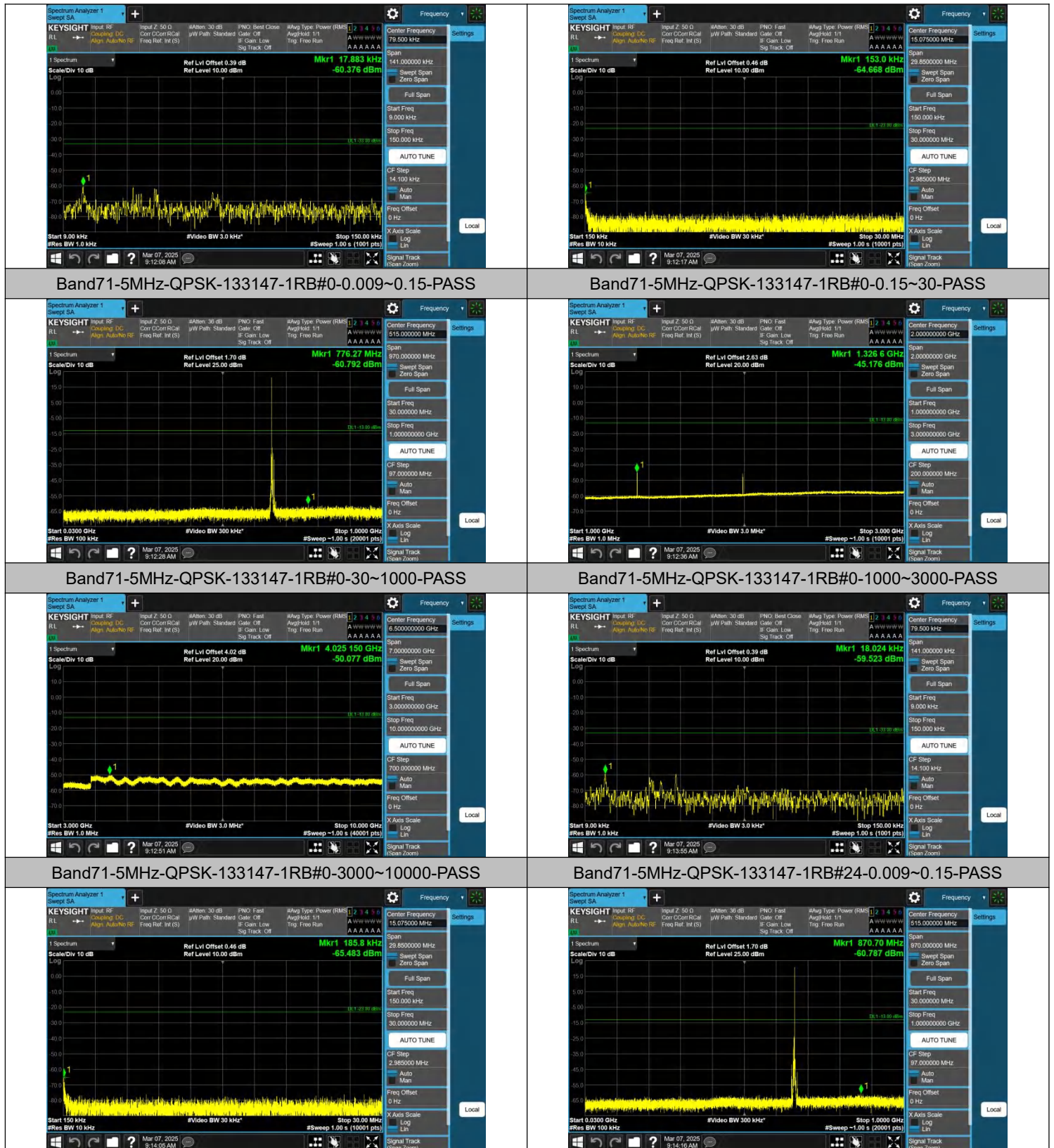
Band71-20MHz-QPSK-133372-1RB#99-PASS



Band71-20MHz-QPSK-133372-1RB#99-PASS

# Conducted Spurious Emission

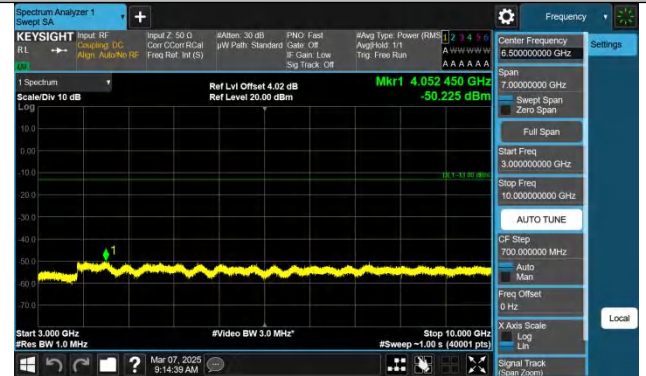
## Test Graphs



Band71-5MHz-QPSK-133147-1RB#24-0.15~30-PASS



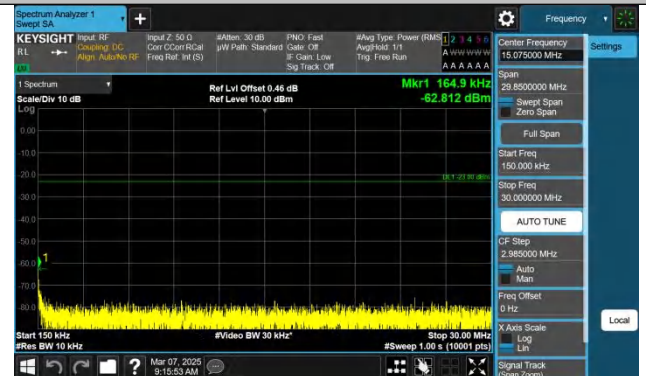
Band71-5MHz-QPSK-133147-1RB#24-30~1000-PASS



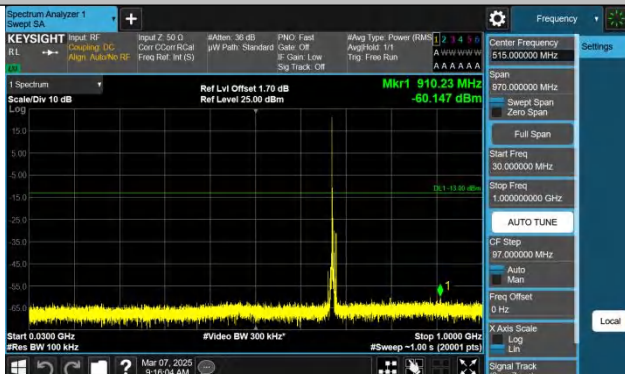
Band71-5MHz-QPSK-133147-1RB#24-1000~3000-PASS



Band71-5MHz-QPSK-133147-1RB#24-3000~10000-PASS



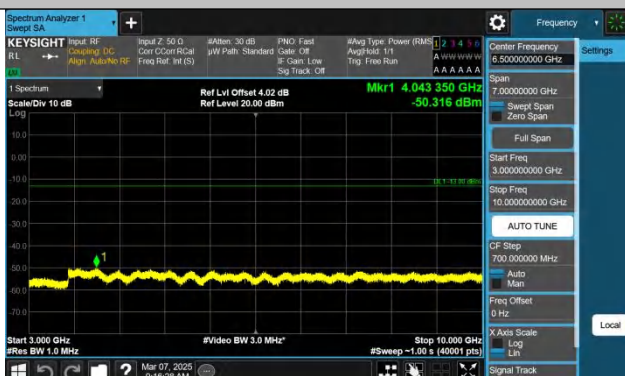
Band71-5MHz-QPSK-133297-1RB#0-0.009~0.15-PASS



Band71-5MHz-QPSK-133297-1RB#0-0.15~30-PASS



Band71-5MHz-QPSK-133297-1RB#0-30~1000-PASS

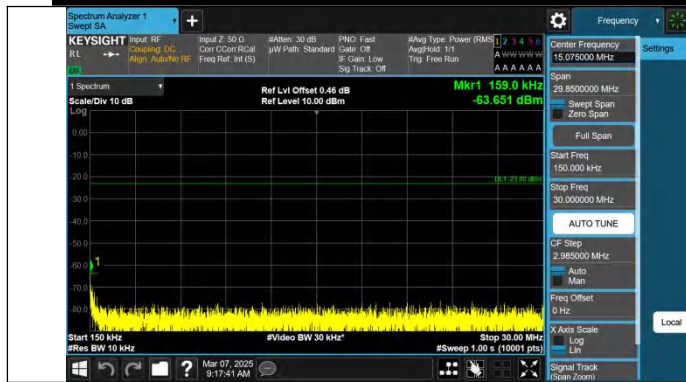


Band71-5MHz-QPSK-133297-1RB#0-1000~3000-PASS

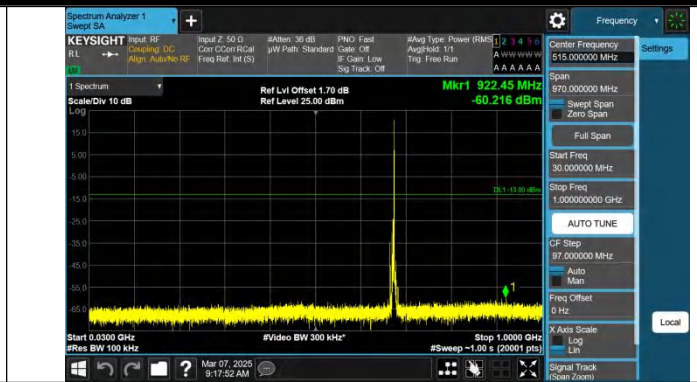


Band71-5MHz-QPSK-133297-1RB#0-3000~10000-PASS

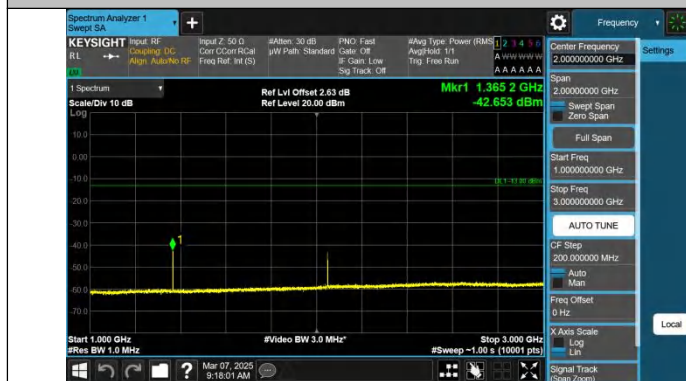
Band71-5MHz-QPSK-133297-1RB#24-0.009~0.15-PASS



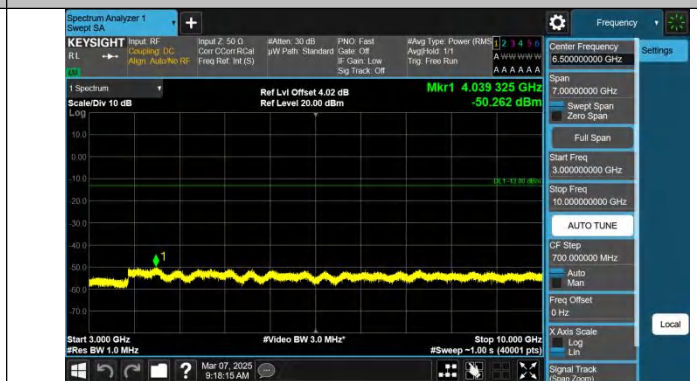
Band71-5MHz-QPSK-133297-1RB#24-0.15~30-PASS



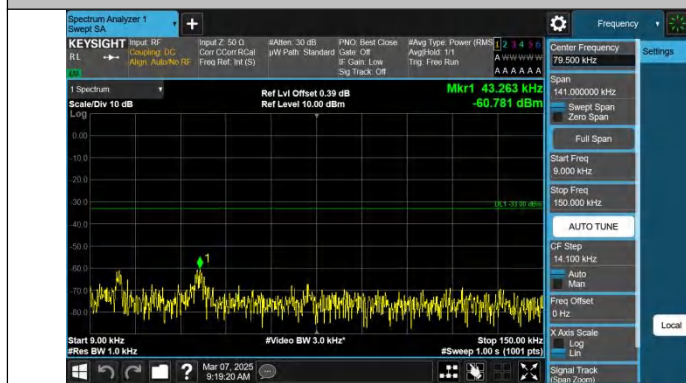
Band71-5MHz-QPSK-133297-1RB#24-30~1000-PASS



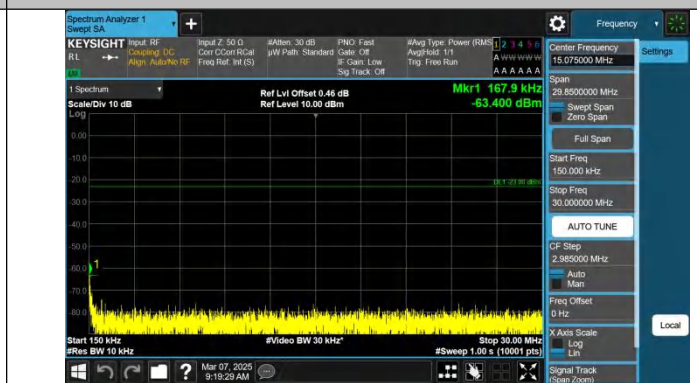
Band71-5MHz-QPSK-133297-1RB#24-1000~3000-PASS



Band71-5MHz-QPSK-133297-1RB#24-3000~10000-PASS



Band71-5MHz-QPSK-133447-1RB#0-0.009~0.15-PASS



Band71-5MHz-QPSK-133447-1RB#0-0.15~30-PASS



Band71-5MHz-QPSK-133447-1RB#0-30~1000-PASS



Band71-5MHz-QPSK-133447-1RB#0-1000~3000-PASS