

## 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            | 23.08       | -0.9       | 20.03       | 34.8       | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 25RB#0           | 22.54       | -0.9       | 19.49       | 34.8       | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 1RB#12           | 23.88       | -0.9       | 20.83       | 34.8       | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 1RB#24           | 23.71       | -0.9       | 20.66       | 34.8       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 1RB#0            | 23.56       | -0.9       | 20.51       | 34.8       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 25RB#0           | 22.42       | -0.9       | 19.37       | 34.8       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 1RB#12           | 23.59       | -0.9       | 20.54       | 34.8       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 1RB#24           | 23.42       | -0.9       | 20.37       | 34.8       | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 1RB#0            | 23.18       | -0.9       | 20.13       | 34.8       | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 25RB#0           | 22.41       | -0.9       | 19.36       | 34.8       | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 1RB#12           | 23.37       | -0.9       | 20.32       | 34.8       | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 1RB#24           | 23.30       | -0.9       | 20.25       | 34.8       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 1RB#0            | 22.36       | -0.9       | 19.31       | 34.8       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 25RB#0           | 21.49       | -0.9       | 18.44       | 34.8       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 1RB#12           | 22.17       | -0.9       | 19.12       | 34.8       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 1RB#24           | 22.61       | -0.9       | 19.56       | 34.8       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 1RB#0            | 22.38       | -0.9       | 19.33       | 34.8       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 25RB#0           | 21.39       | -0.9       | 18.34       | 34.8       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 1RB#12           | 22.40       | -0.9       | 19.35       | 34.8       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 1RB#24           | 22.39       | -0.9       | 19.34       | 34.8       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133447  | 1RB#0            | 22.10       | -0.9       | 19.05       | 34.8       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133447  | 25RB#0           | 21.42       | -0.9       | 18.37       | 34.8       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133447  | 1RB#12           | 22.26       | -0.9       | 19.21       | 34.8       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133447  | 1RB#24           | 22.25       | -0.9       | 19.2        | 34.8       | PASS    |
| Band71 | 10MHz     | QPSK       | 133172  | 1RB#0            | 22.77       | -0.9       | 19.72       | 34.8       | PASS    |
| Band71 | 10MHz     | QPSK       | 133172  | 50RB#0           | 22.69       | -0.9       | 19.64       | 34.8       | PASS    |
| Band71 | 10MHz     | QPSK       | 133172  | 1RB#24           | 23.69       | -0.9       | 20.64       | 34.8       | PASS    |
| Band71 | 10MHz     | QPSK       | 133172  | 1RB#49           | 23.54       | -0.9       | 20.49       | 34.8       | PASS    |
| Band71 | 10MHz     | QPSK       | 133297  | 1RB#0            | 23.62       | -0.9       | 20.57       | 34.8       | PASS    |
| Band71 | 10MHz     | QPSK       | 133297  | 50RB#0           | 22.49       | -0.9       | 19.44       | 34.8       | PASS    |
| Band71 | 10MHz     | QPSK       | 133297  | 1RB#24           | 23.80       | -0.9       | 20.75       | 34.8       | PASS    |
| Band71 | 10MHz     | QPSK       | 133297  | 1RB#49           | 23.37       | -0.9       | 20.32       | 34.8       | PASS    |
| Band71 | 10MHz     | QPSK       | 133422  | 1RB#0            | 23.33       | -0.9       | 20.28       | 34.8       | PASS    |
| Band71 | 10MHz     | QPSK       | 133422  | 50RB#0           | 22.50       | -0.9       | 19.45       | 34.8       | PASS    |
| Band71 | 10MHz     | QPSK       | 133422  | 1RB#24           | 23.45       | -0.9       | 20.4        | 34.8       | PASS    |

|        |       |       |        |         |       |      |       |      |      |
|--------|-------|-------|--------|---------|-------|------|-------|------|------|
| Band71 | 10MHz | QPSK  | 133422 | 1RB#49  | 23.42 | -0.9 | 20.37 | 34.8 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 1RB#0   | 22.47 | -0.9 | 19.42 | 34.8 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 50RB#0  | 21.58 | -0.9 | 18.53 | 34.8 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 1RB#24  | 22.67 | -0.9 | 19.62 | 34.8 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 1RB#49  | 22.34 | -0.9 | 19.29 | 34.8 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 1RB#0   | 22.36 | -0.9 | 19.31 | 34.8 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 50RB#0  | 21.35 | -0.9 | 18.3  | 34.8 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 1RB#24  | 22.71 | -0.9 | 19.66 | 34.8 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 1RB#49  | 22.94 | -0.9 | 19.89 | 34.8 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 1RB#0   | 22.62 | -0.9 | 19.57 | 34.8 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 50RB#0  | 21.43 | -0.9 | 18.38 | 34.8 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 1RB#24  | 22.59 | -0.9 | 19.54 | 34.8 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 1RB#49  | 22.44 | -0.9 | 19.39 | 34.8 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 1RB#0   | 22.63 | -0.9 | 19.58 | 34.8 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 75RB#0  | 22.54 | -0.9 | 19.49 | 34.8 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 1RB#38  | 23.57 | -0.9 | 20.52 | 34.8 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 1RB#74  | 23.31 | -0.9 | 20.26 | 34.8 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 1RB#0   | 23.58 | -0.9 | 20.53 | 34.8 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 75RB#0  | 22.47 | -0.9 | 19.42 | 34.8 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 1RB#38  | 23.64 | -0.9 | 20.59 | 34.8 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 1RB#74  | 23.45 | -0.9 | 20.4  | 34.8 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 1RB#0   | 23.21 | -0.9 | 20.16 | 34.8 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 75RB#0  | 22.50 | -0.9 | 19.45 | 34.8 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 1RB#38  | 23.40 | -0.9 | 20.35 | 34.8 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 1RB#74  | 23.42 | -0.9 | 20.37 | 34.8 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 1RB#0   | 22.60 | -0.9 | 19.55 | 34.8 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 75RB#0  | 21.51 | -0.9 | 18.46 | 34.8 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 1RB#38  | 22.69 | -0.9 | 19.64 | 34.8 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 1RB#74  | 22.60 | -0.9 | 19.55 | 34.8 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 1RB#0   | 23.07 | -0.9 | 20.02 | 34.8 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 75RB#0  | 21.51 | -0.9 | 18.46 | 34.8 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 1RB#38  | 22.85 | -0.9 | 19.8  | 34.8 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 1RB#74  | 22.85 | -0.9 | 19.8  | 34.8 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 1RB#0   | 22.31 | -0.9 | 19.26 | 34.8 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 75RB#0  | 21.48 | -0.9 | 18.43 | 34.8 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 1RB#38  | 22.54 | -0.9 | 19.49 | 34.8 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 1RB#74  | 22.64 | -0.9 | 19.59 | 34.8 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 1RB#0   | 22.57 | -0.9 | 19.52 | 34.8 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 100RB#0 | 22.60 | -0.9 | 19.55 | 34.8 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 1RB#49  | 23.68 | -0.9 | 20.63 | 34.8 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 1RB#99  | 23.22 | -0.9 | 20.17 | 34.8 | PASS |

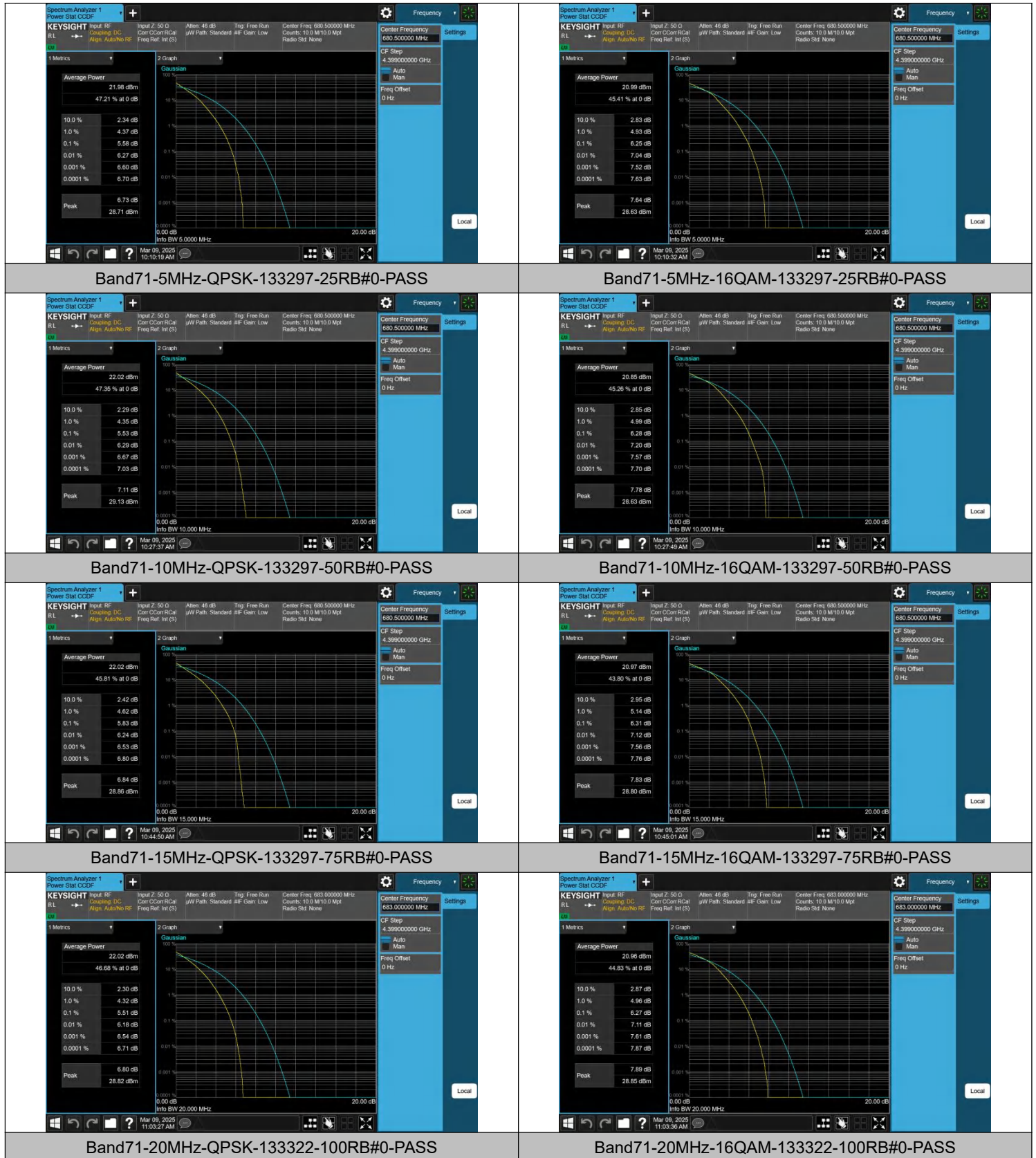
|        |       |       |        |         |       |      |       |      |      |
|--------|-------|-------|--------|---------|-------|------|-------|------|------|
| Band71 | 20MHz | QPSK  | 133322 | 1RB#0   | 23.13 | -0.9 | 20.08 | 34.8 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 100RB#0 | 22.43 | -0.9 | 19.38 | 34.8 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 1RB#49  | 23.69 | -0.9 | 20.64 | 34.8 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 1RB#99  | 23.12 | -0.9 | 20.07 | 34.8 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 1RB#0   | 23.29 | -0.9 | 20.24 | 34.8 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 100RB#0 | 22.50 | -0.9 | 19.45 | 34.8 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 1RB#49  | 23.75 | -0.9 | 20.7  | 34.8 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 1RB#99  | 23.38 | -0.9 | 20.33 | 34.8 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 1RB#0   | 22.77 | -0.9 | 19.72 | 34.8 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 100RB#0 | 21.53 | -0.9 | 18.48 | 34.8 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 1RB#49  | 23.28 | -0.9 | 20.23 | 34.8 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 1RB#99  | 23.08 | -0.9 | 20.03 | 34.8 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 1RB#0   | 22.16 | -0.9 | 19.11 | 34.8 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 100RB#0 | 21.35 | -0.9 | 18.3  | 34.8 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 1RB#49  | 22.48 | -0.9 | 19.43 | 34.8 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 1RB#99  | 22.03 | -0.9 | 18.98 | 34.8 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#0   | 22.51 | -0.9 | 19.46 | 34.8 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 100RB#0 | 21.42 | -0.9 | 18.37 | 34.8 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#49  | 22.67 | -0.9 | 19.62 | 34.8 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#99  | 22.55 | -0.9 | 19.5  | 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           | 5.58       | 13        | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 25RB#0           | 6.25       | 13        | PASS    |
| Band71 | 10MHz     | QPSK       | 133297  | 50RB#0           | 5.53       | 13        | PASS    |
| Band71 | 10MHz     | 16QAM      | 133297  | 50RB#0           | 6.28       | 13        | PASS    |
| Band71 | 15MHz     | QPSK       | 133297  | 75RB#0           | 5.83       | 13        | PASS    |
| Band71 | 15MHz     | 16QAM      | 133297  | 75RB#0           | 6.31       | 13        | PASS    |
| Band71 | 20MHz     | QPSK       | 133322  | 100RB#0          | 5.51       | 13        | PASS    |
| Band71 | 20MHz     | 16QAM      | 133322  | 100RB#0          | 6.27       | 13        | PASS    |

## Test Graphs



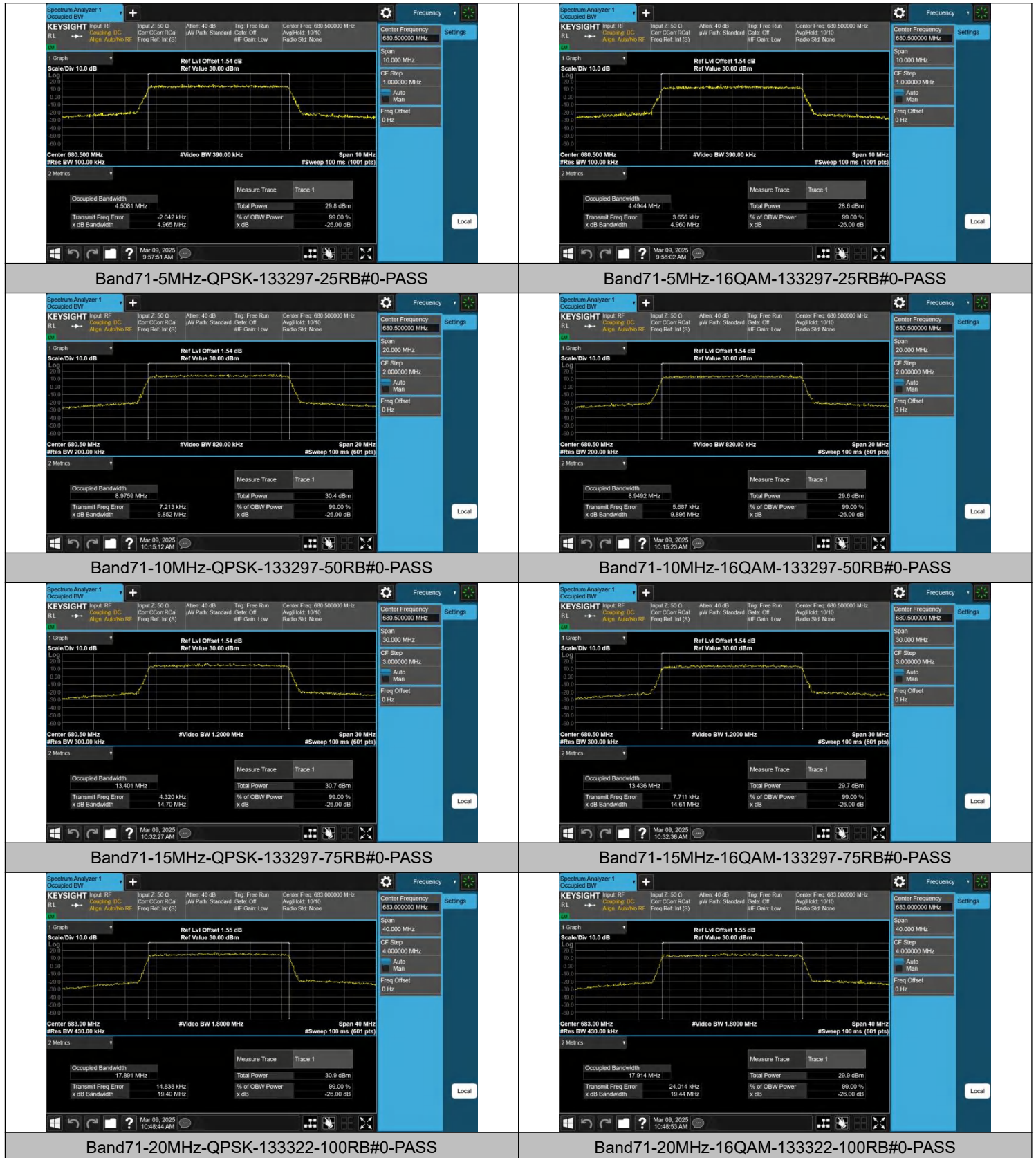
## 26dB Bandwidth and Occupied Bandwidth

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band71 | 5MHz      | QPSK       | 133297  | 25RB#0           | 4.5081                   | 4.965                | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 25RB#0           | 4.4944                   | 4.960                | PASS    |
| Band71 | 10MHz     | QPSK       | 133297  | 50RB#0           | 8.9759                   | 9.852                | PASS    |
| Band71 | 10MHz     | 16QAM      | 133297  | 50RB#0           | 8.9492                   | 9.896                | PASS    |
| Band71 | 15MHz     | QPSK       | 133297  | 75RB#0           | 13.401                   | 14.70                | PASS    |
| Band71 | 15MHz     | 16QAM      | 133297  | 75RB#0           | 13.436                   | 14.61                | PASS    |
| Band71 | 20MHz     | QPSK       | 133322  | 100RB#0          | 17.891                   | 19.40                | PASS    |
| Band71 | 20MHz     | 16QAM      | 133322  | 100RB#0          | 17.914                   | 19.44                | PASS    |

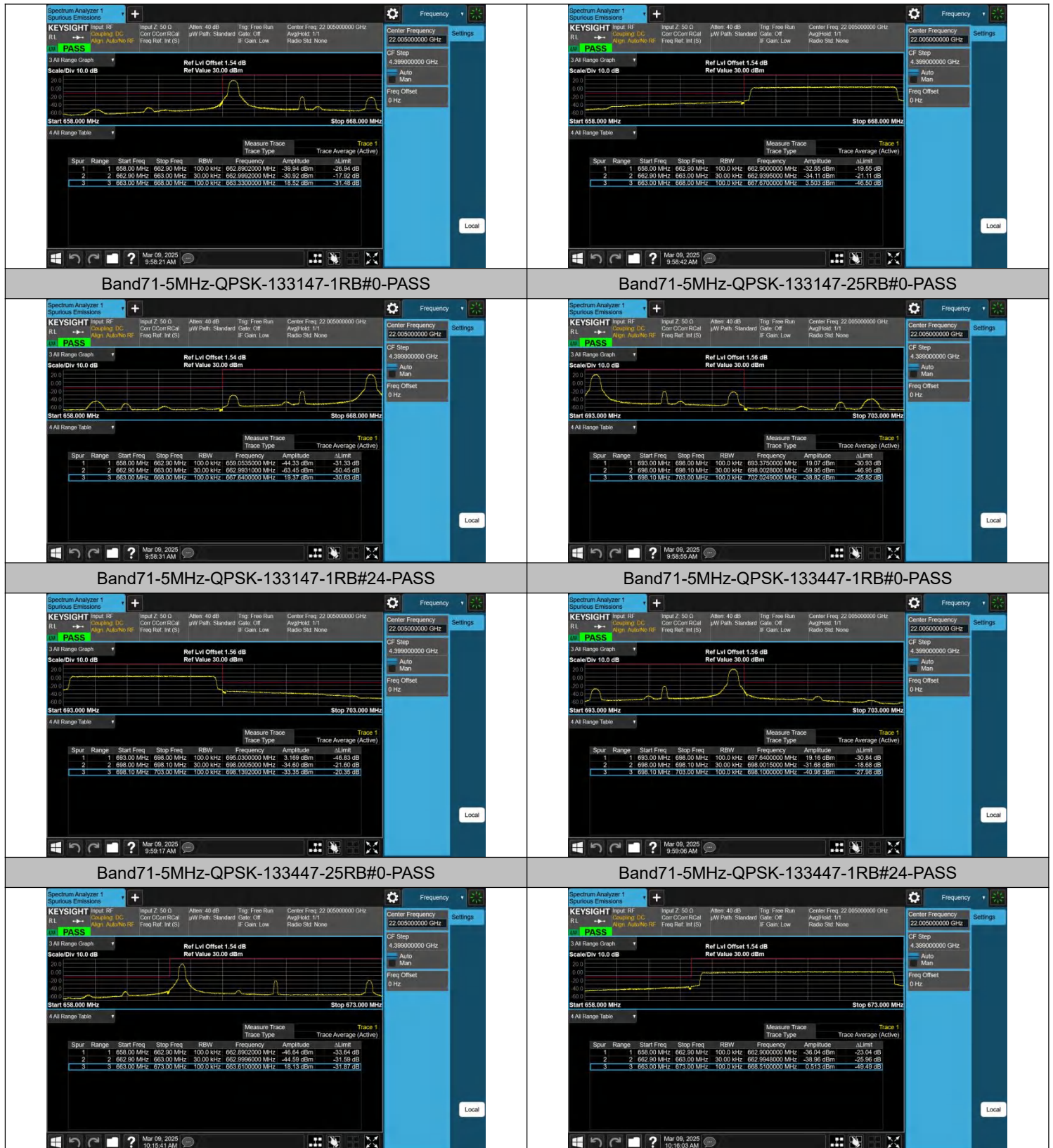


## Test Graphs



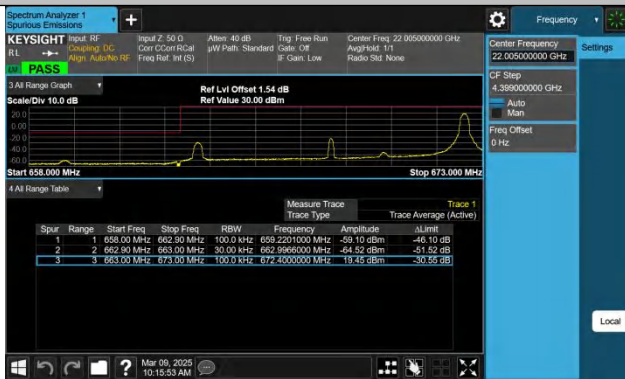
# Band Edge

## Test Graphs





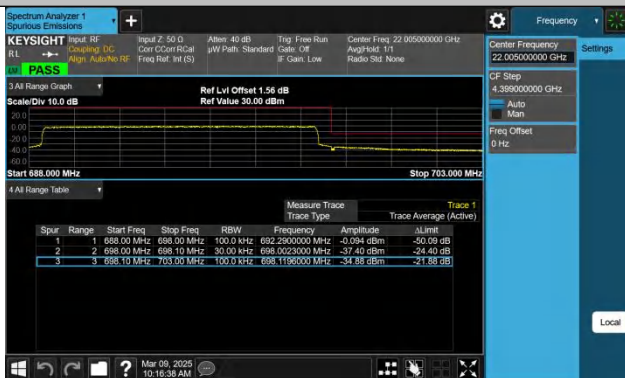
Band71-10MHz-QPSK-133172-1RB#0-PASS



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



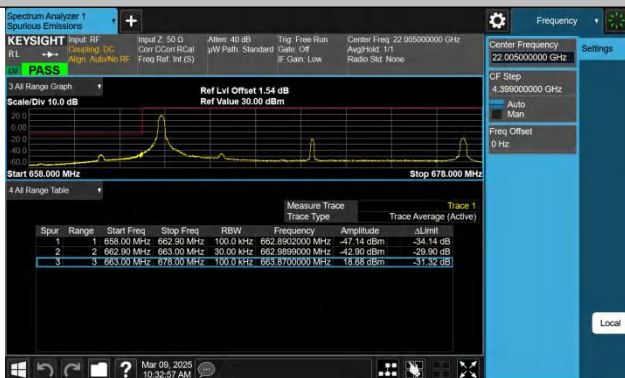
Band71-10MHz-QPSK-133172-1RB#49-PASS



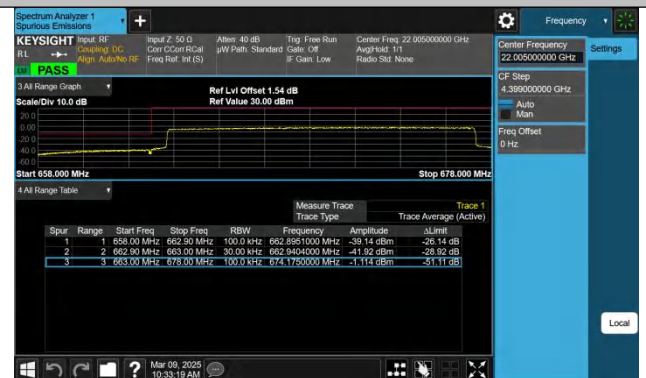
Band71-10MHz-QPSK-133422-1RB#0-PASS



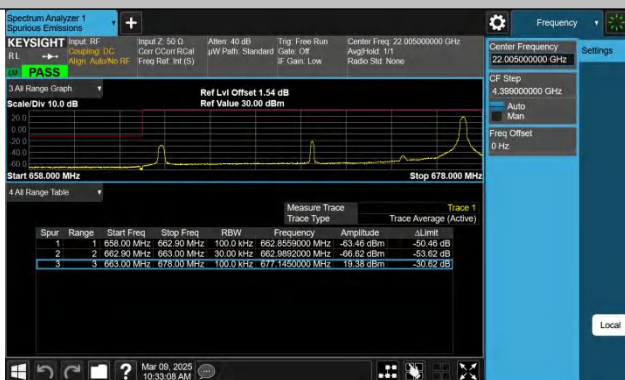
Band71-10MHz-QPSK-133422-50RB#0-PASS



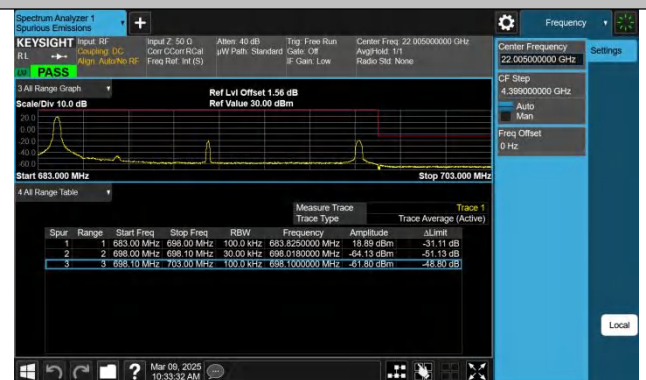
Band71-10MHz-QPSK-133422-1RB#49-PASS



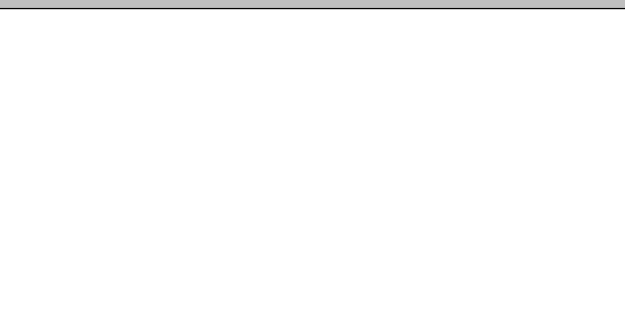
Band71-15MHz-QPSK-133197-1RB#0-PASS



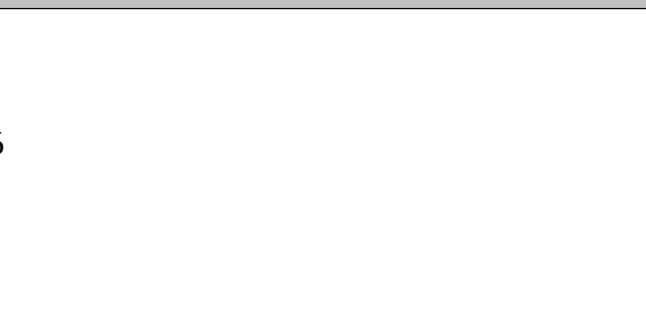
Band71-15MHz-QPSK-133197-75RB#0-PASS



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



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





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



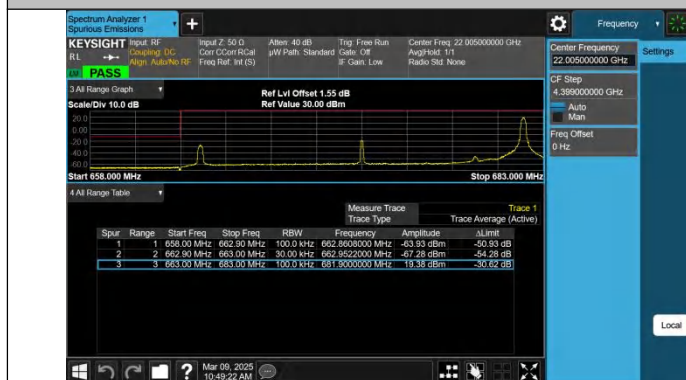
Band71-15MHz-QPSK-133397-1RB#74-PASS



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



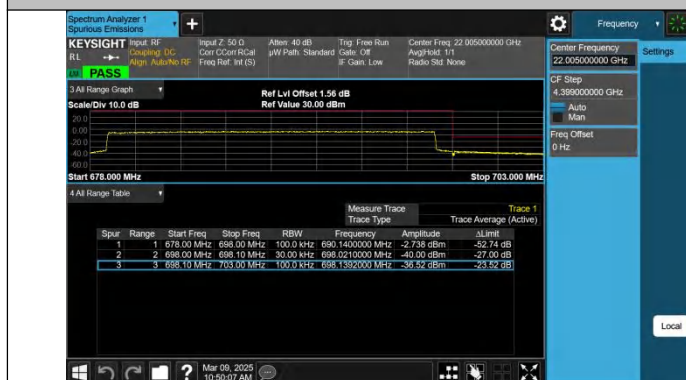
Band71-20MHz-QPSK-133222-100RB#0-PASS



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



Band71-20MHz-QPSK-133372-1RB#0-PASS



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

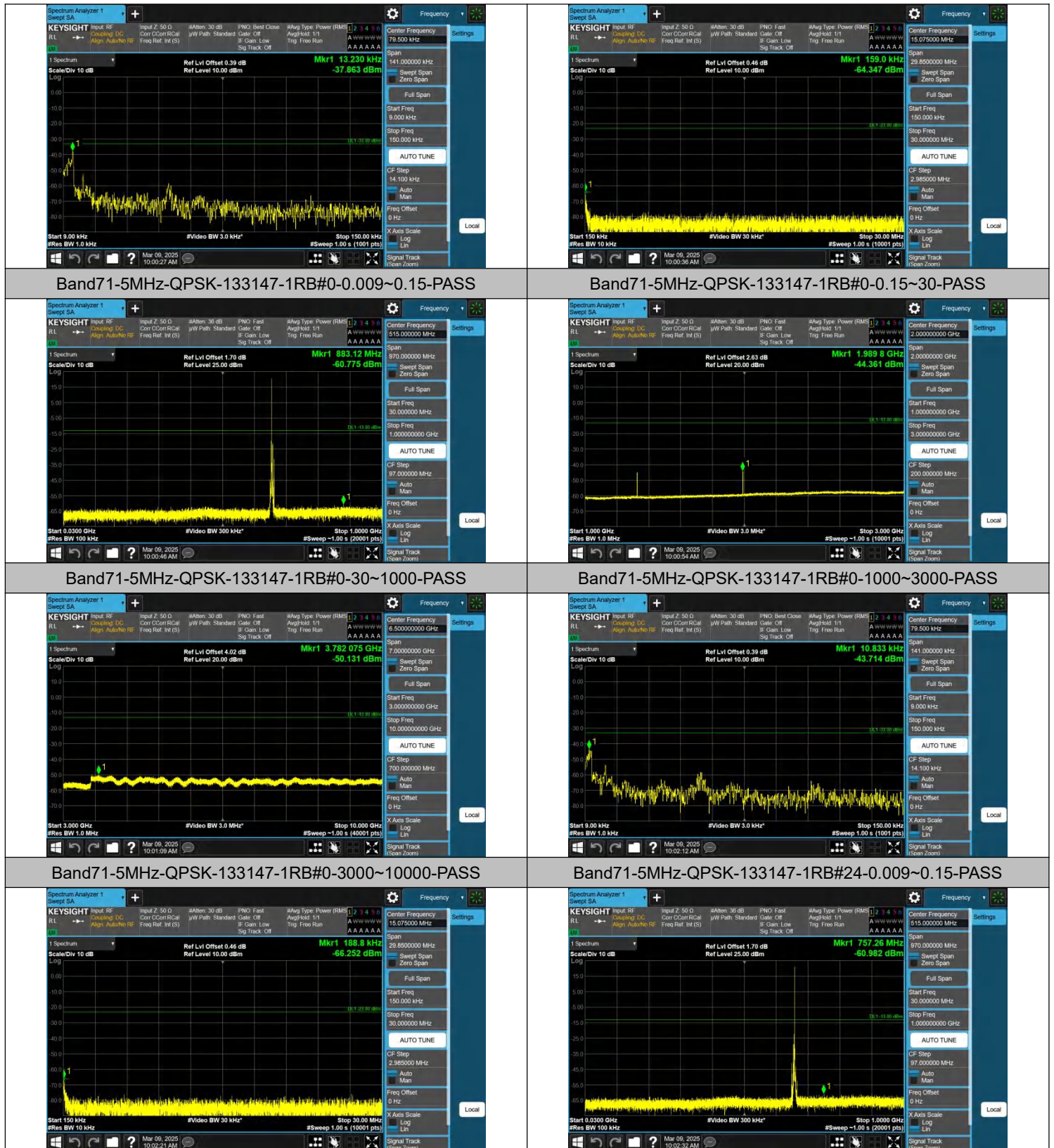


Band71-20MHz-QPSK-133372-1RB#99-PASS



# Conducted Spurious Emission

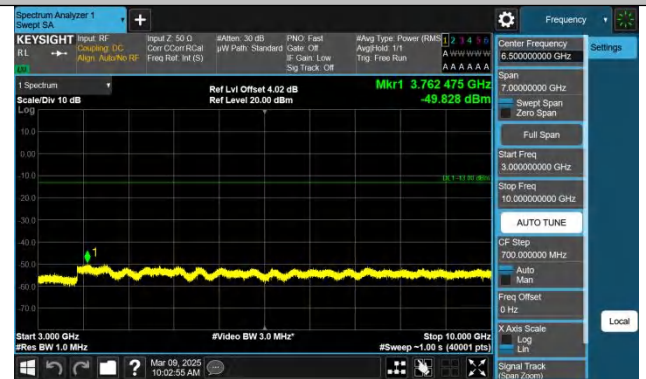
## Test Graphs



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



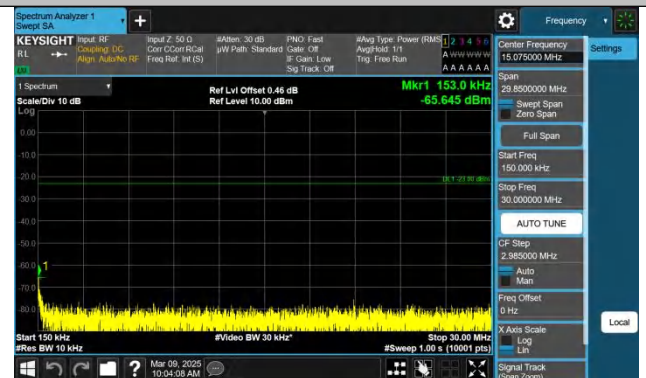
Band71-5MHz-QPSK-133147-1RB#24-30~1000-PASS



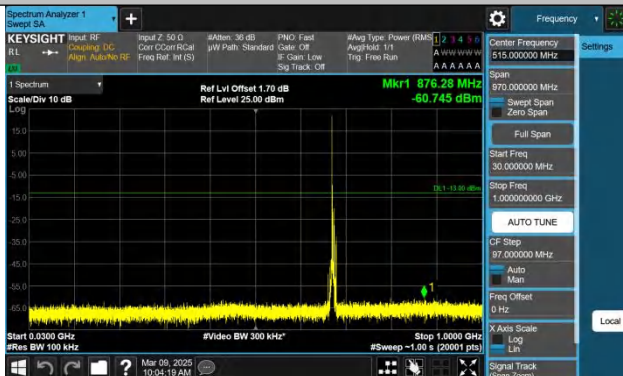
Band71-5MHz-QPSK-133147-1RB#24-1000~3000-PASS



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



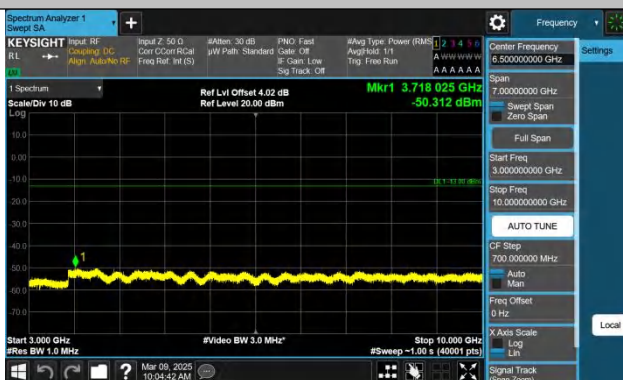
Band71-5MHz-QPSK-133297-1RB#0-0.009~0.15-PASS



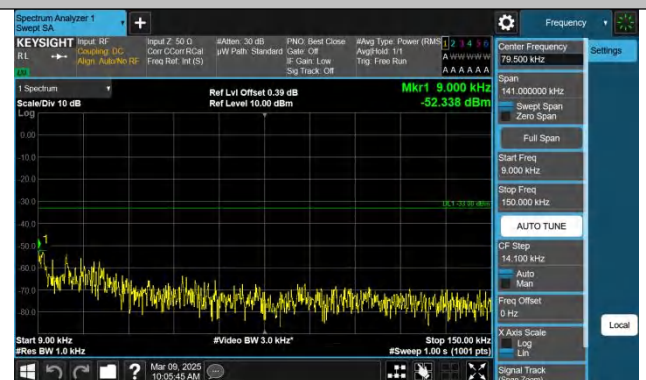
Band71-5MHz-QPSK-133297-1RB#0-0.15~30-PASS



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



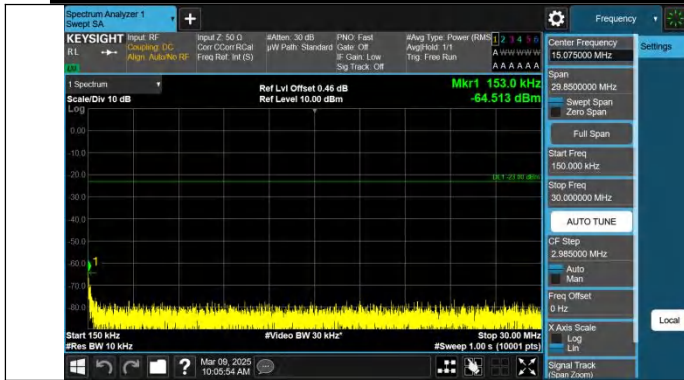
Band71-5MHz-QPSK-133297-1RB#0-1000~3000-PASS



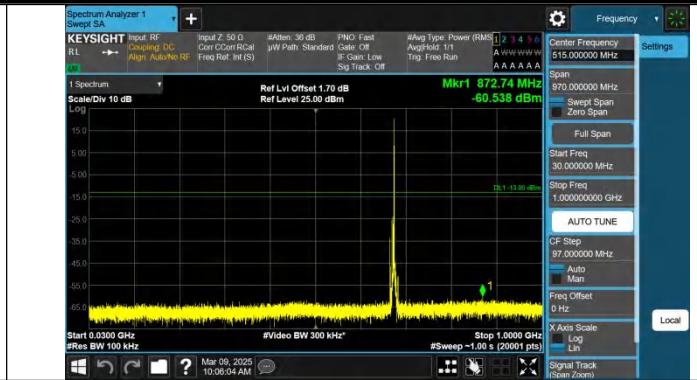
Band71-5MHz-QPSK-133297-1RB#0-3000~10000-PASS

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





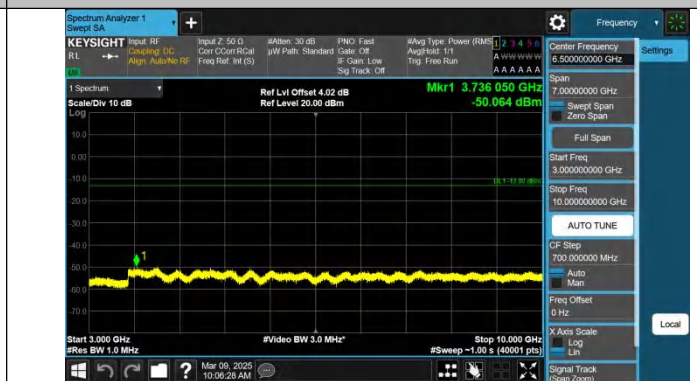
Band71-5MHz-QPSK-133297-1RB#24-0.15~30-PASS



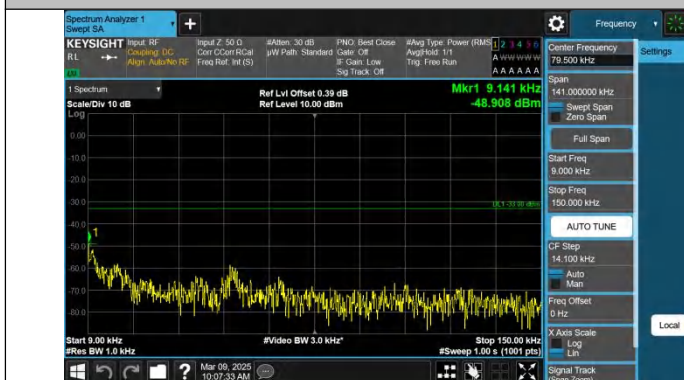
Band71-5MHz-QPSK-133297-1RB#24-30~1000-PASS



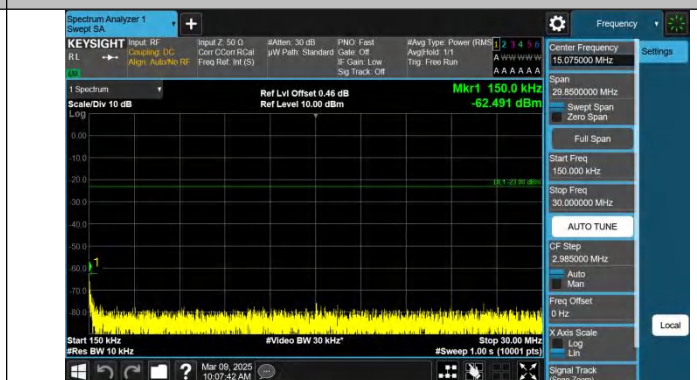
Band71-5MHz-QPSK-133297-1RB#24-1000~3000-PASS



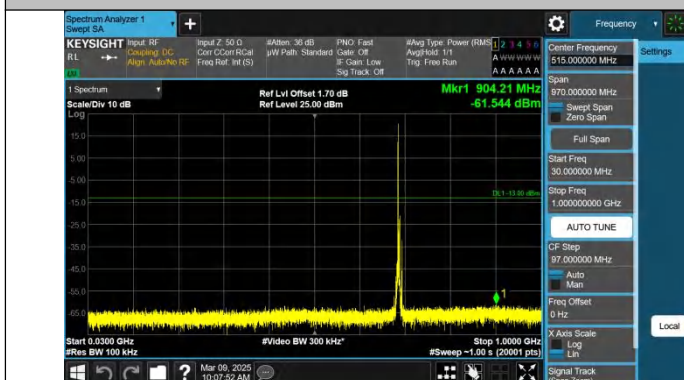
Band71-5MHz-QPSK-133297-1RB#24-3000~10000-PASS



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



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

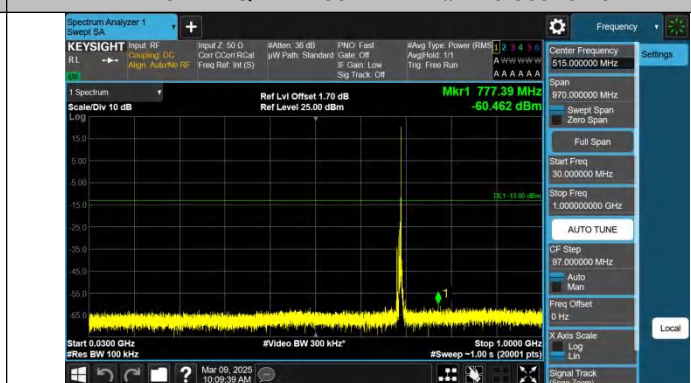
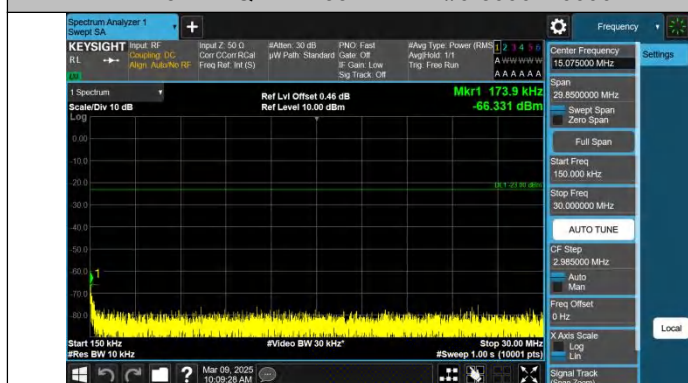
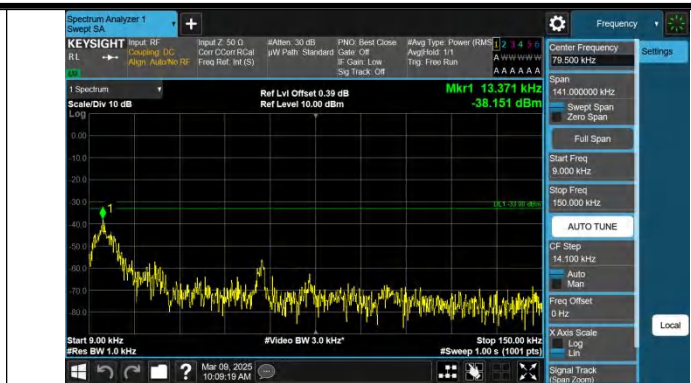
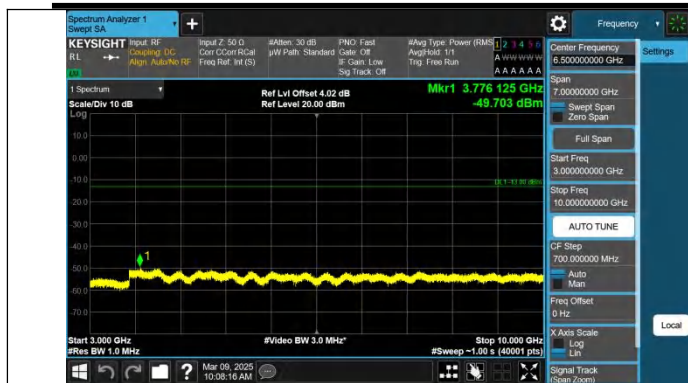


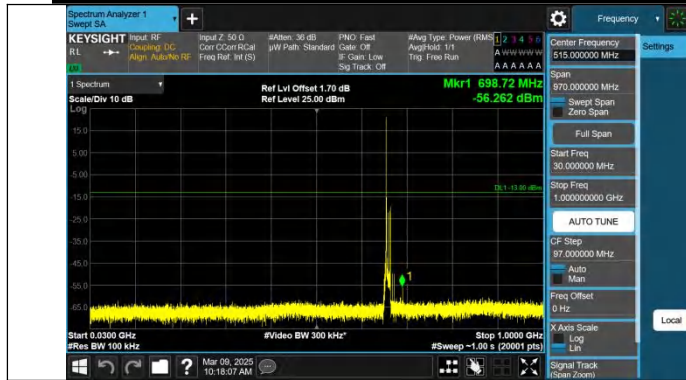
Band71-5MHz-QPSK-133447-1RB#0-30~1000-PASS



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



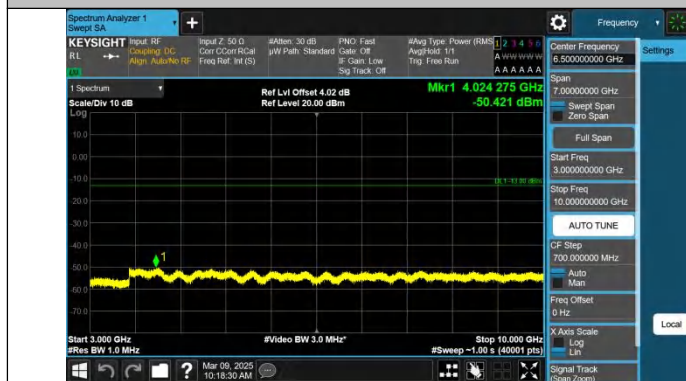




Band71-10MHz-QPSK-133172-1RB#0-30~1000-PASS



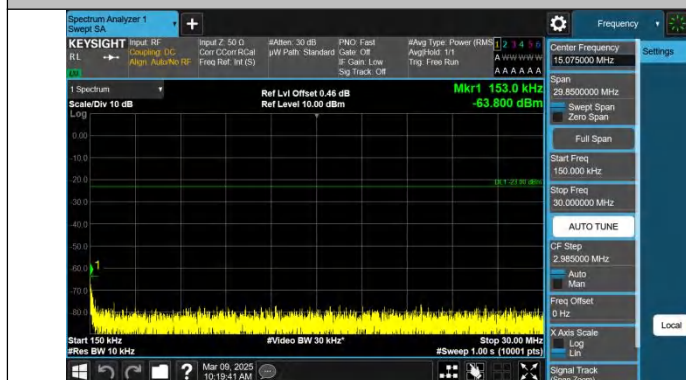
Band71-10MHz-QPSK-133172-1RB#0-1000~3000-PASS



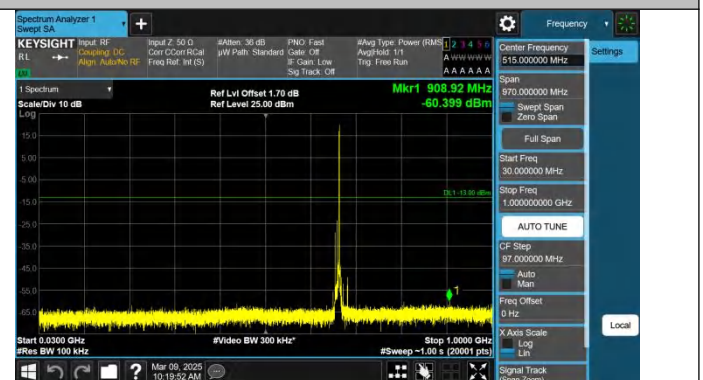
Band71-10MHz-QPSK-133172-1RB#0-3000~10000-PASS



Band71-10MHz-QPSK-133172-1RB#49-0.009~0.15-PASS



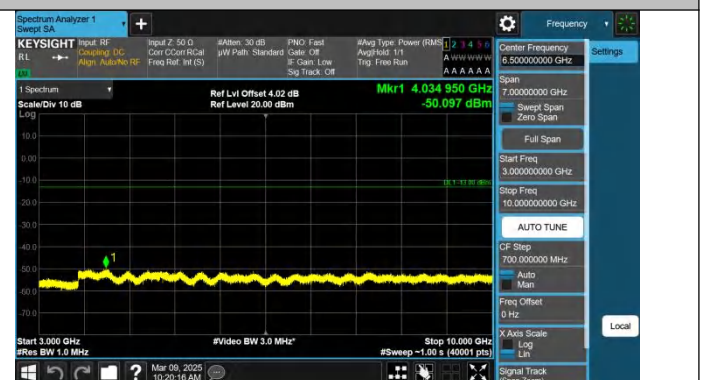
Band71-10MHz-QPSK-133172-1RB#49-0.15~30-PASS



Band71-10MHz-QPSK-133172-1RB#49-30~1000-PASS



Band71-10MHz-QPSK-133172-1RB#49-1000~3000-PASS



Band71-10MHz-QPSK-133172-1RB#49-3000~10000-PASS