

# FCC LTE Band Test Data

**FCC ID** : 2BKHD-B625

**Company:** : Jingba Haqi(Shenzhen) Trading Co., Ltd.

**EUT** : Router modem

**Model Number** : B625

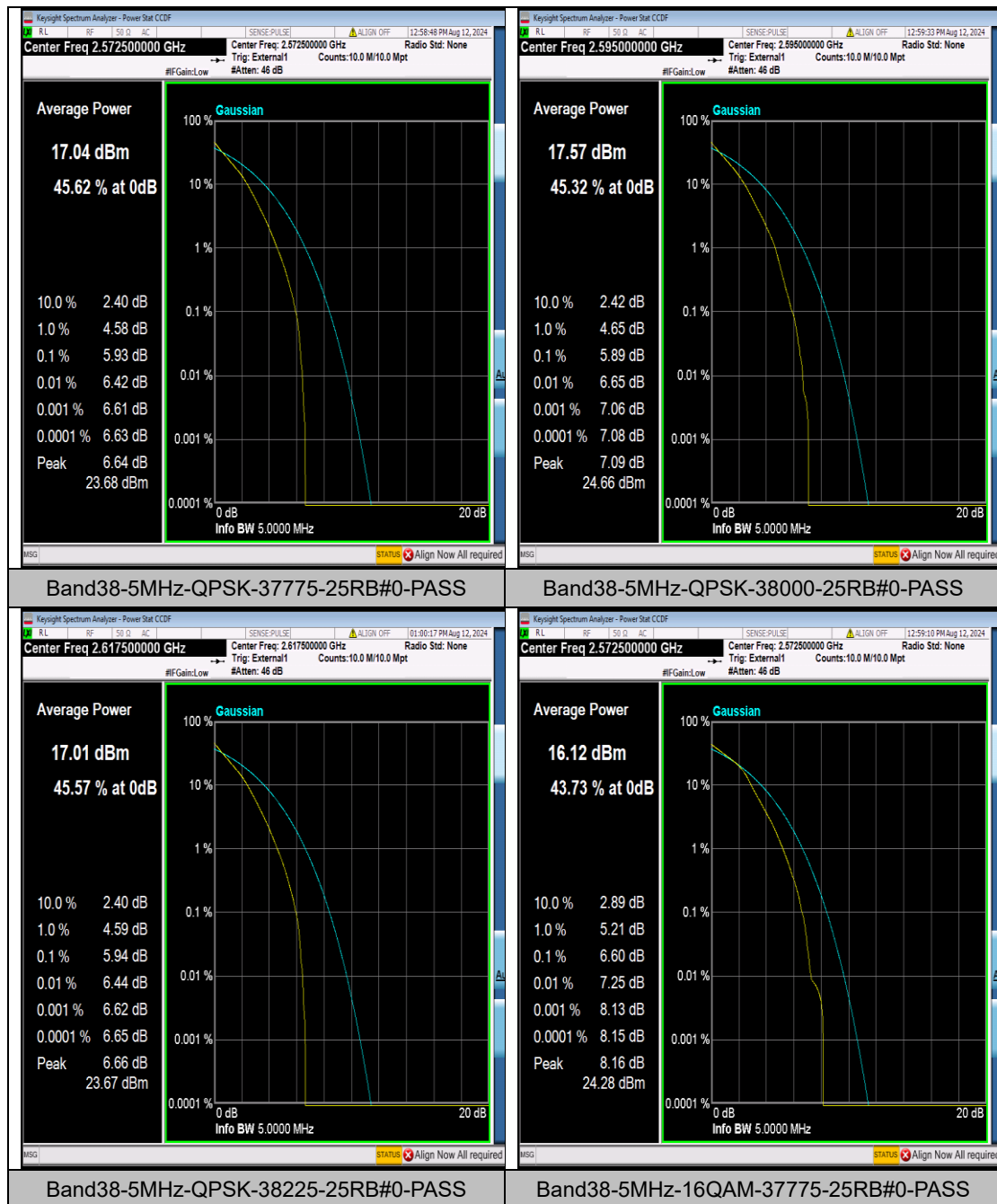
**Reviewed By** : Eric Wang

## Appendix B: Peak-to-Average Ratio(CCDF)

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | 5.93       | 13        | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | 5.89       | 13        | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0           | 5.94       | 13        | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | 6.60       | 13        | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | 6.50       | 13        | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 25RB#0           | 6.62       | 13        | PASS    |
| Band38 | 10MHz     | QPSK       | 37800   | 50RB#0           | 5.79       | 13        | PASS    |
| Band38 | 10MHz     | QPSK       | 38000   | 50RB#0           | 5.84       | 13        | PASS    |
| Band38 | 10MHz     | QPSK       | 38200   | 50RB#0           | 5.79       | 13        | PASS    |
| Band38 | 10MHz     | 16QAM      | 37800   | 50RB#0           | 6.54       | 13        | PASS    |
| Band38 | 10MHz     | 16QAM      | 38000   | 50RB#0           | 6.61       | 13        | PASS    |
| Band38 | 10MHz     | 16QAM      | 38200   | 50RB#0           | 6.56       | 13        | PASS    |
| Band38 | 15MHz     | QPSK       | 37825   | 75RB#0           | 6.07       | 13        | PASS    |
| Band38 | 15MHz     | QPSK       | 38000   | 75RB#0           | 6.09       | 13        | PASS    |
| Band38 | 15MHz     | QPSK       | 38175   | 75RB#0           | 6.08       | 13        | PASS    |
| Band38 | 15MHz     | 16QAM      | 37825   | 75RB#0           | 6.62       | 13        | PASS    |
| Band38 | 15MHz     | 16QAM      | 38000   | 75RB#0           | 6.63       | 13        | PASS    |
| Band38 | 15MHz     | 16QAM      | 38175   | 75RB#0           | 6.62       | 13        | PASS    |
| Band38 | 20MHz     | QPSK       | 37850   | 100RB#0          | 5.63       | 13        | PASS    |
| Band38 | 20MHz     | QPSK       | 38000   | 100RB#0          | 5.71       | 13        | PASS    |
| Band38 | 20MHz     | QPSK       | 38150   | 100RB#0          | 5.62       | 13        | PASS    |
| Band38 | 20MHz     | 16QAM      | 37850   | 100RB#0          | 6.47       | 13        | PASS    |
| Band38 | 20MHz     | 16QAM      | 38000   | 100RB#0          | 6.59       | 13        | PASS    |
| Band38 | 20MHz     | 16QAM      | 38150   | 100RB#0          | 6.46       | 13        | PASS    |

## Test Graphs













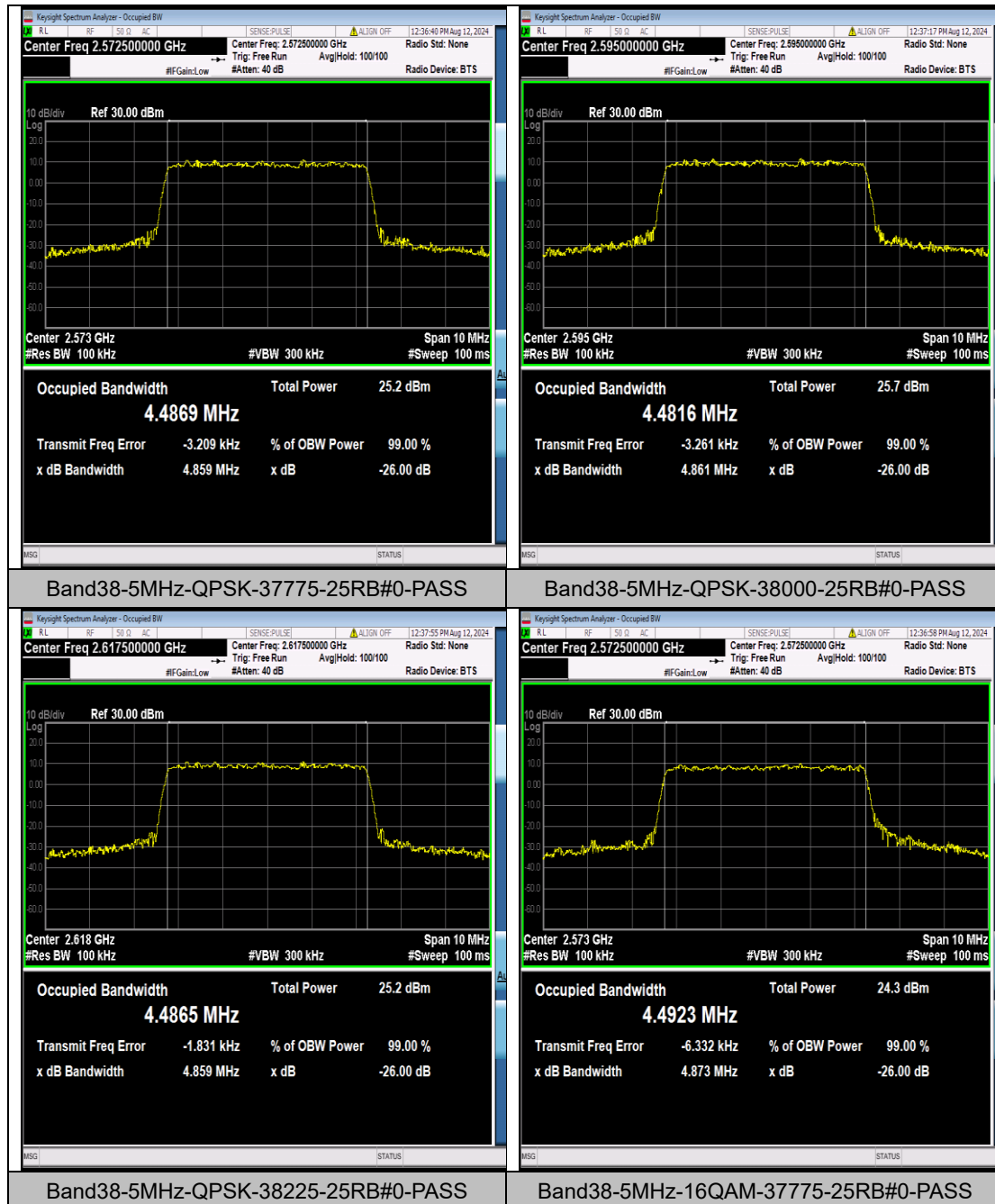


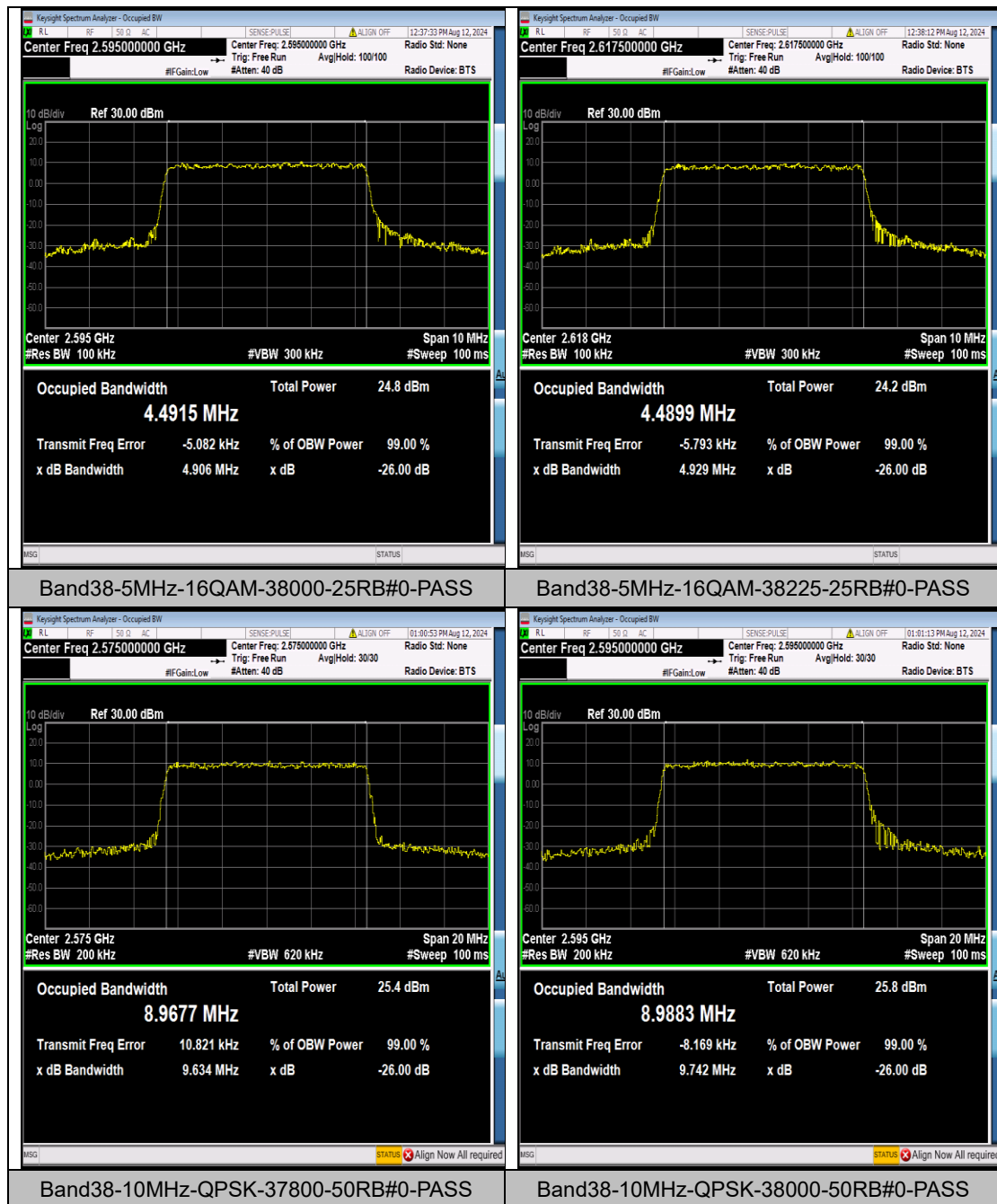
## Appendix C: 26dB Bandwidth and Occupied Bandwidth

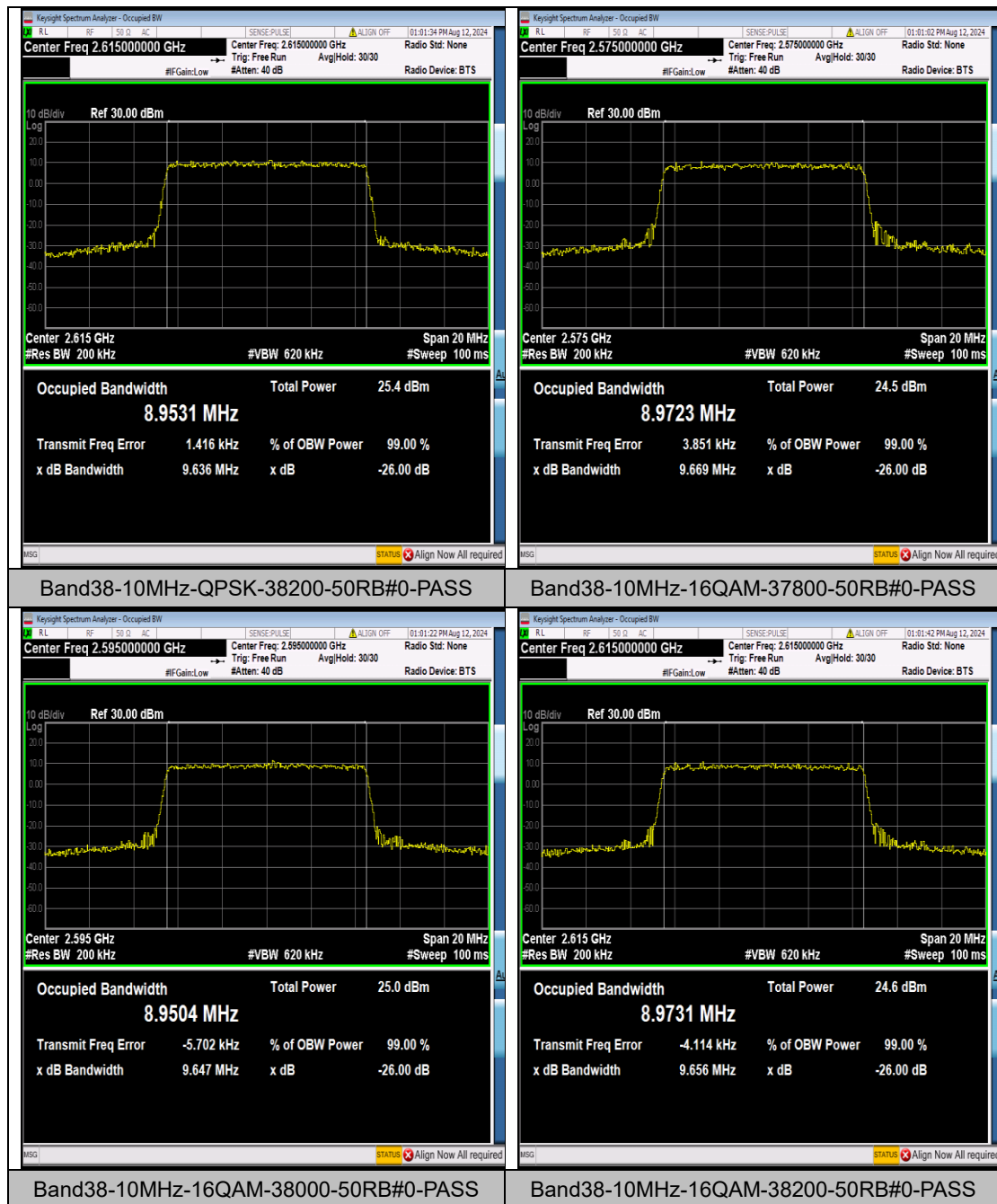
### Test Result

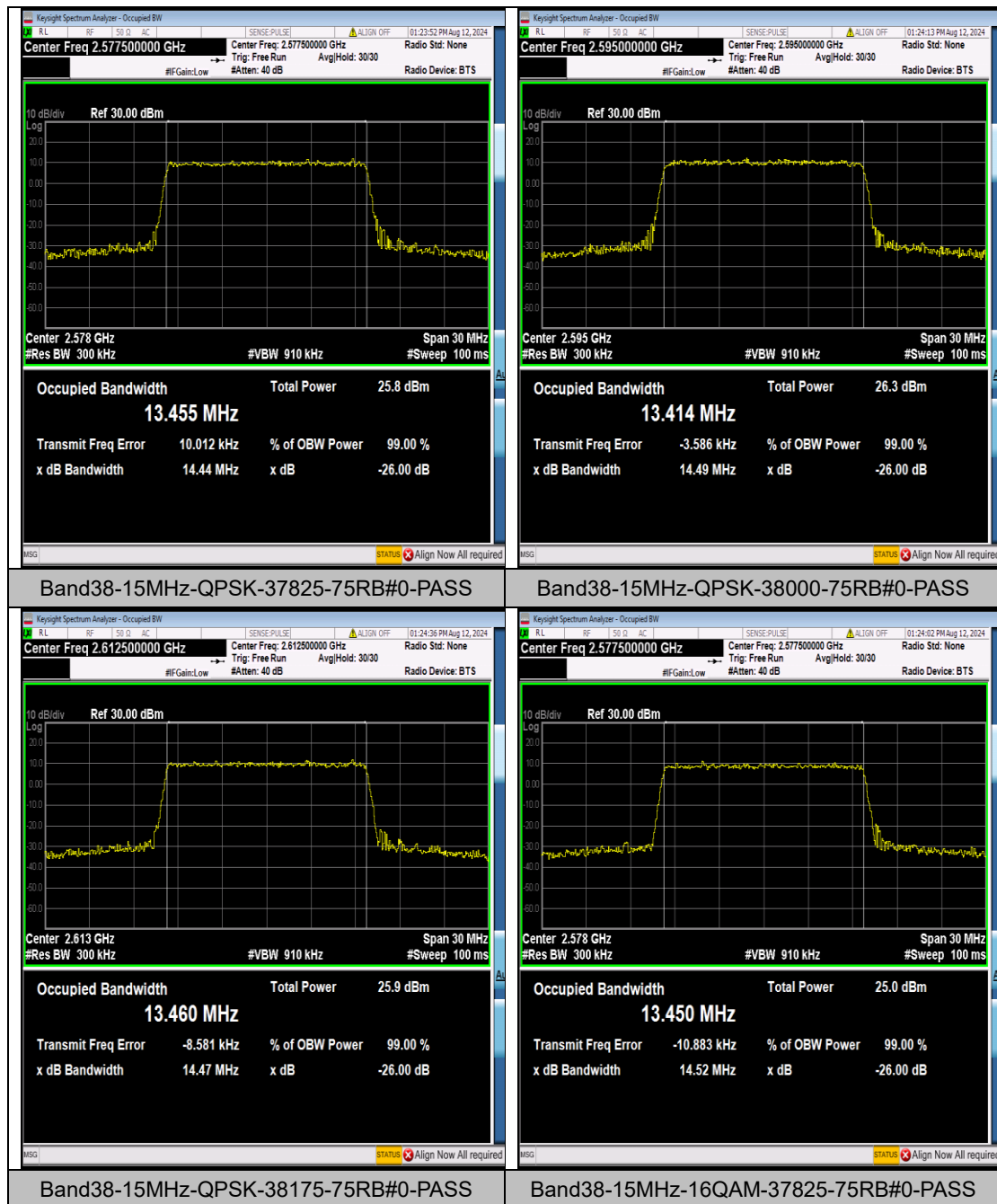
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | 4.4869                   | 4.859                | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | 4.4816                   | 4.861                | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0           | 4.4865                   | 4.859                | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | 4.4923                   | 4.873                | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | 4.4915                   | 4.906                | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 25RB#0           | 4.4899                   | 4.929                | PASS    |
| Band38 | 10MHz     | QPSK       | 37800   | 50RB#0           | 8.9677                   | 9.634                | PASS    |
| Band38 | 10MHz     | QPSK       | 38000   | 50RB#0           | 8.9883                   | 9.742                | PASS    |
| Band38 | 10MHz     | QPSK       | 38200   | 50RB#0           | 8.9531                   | 9.636                | PASS    |
| Band38 | 10MHz     | 16QAM      | 37800   | 50RB#0           | 8.9723                   | 9.669                | PASS    |
| Band38 | 10MHz     | 16QAM      | 38000   | 50RB#0           | 8.9504                   | 9.647                | PASS    |
| Band38 | 10MHz     | 16QAM      | 38200   | 50RB#0           | 8.9731                   | 9.656                | PASS    |
| Band38 | 15MHz     | QPSK       | 37825   | 75RB#0           | 13.455                   | 14.44                | PASS    |
| Band38 | 15MHz     | QPSK       | 38000   | 75RB#0           | 13.414                   | 14.49                | PASS    |
| Band38 | 15MHz     | QPSK       | 38175   | 75RB#0           | 13.460                   | 14.47                | PASS    |
| Band38 | 15MHz     | 16QAM      | 37825   | 75RB#0           | 13.450                   | 14.52                | PASS    |
| Band38 | 15MHz     | 16QAM      | 38000   | 75RB#0           | 13.475                   | 14.62                | PASS    |
| Band38 | 15MHz     | 16QAM      | 38175   | 75RB#0           | 13.469                   | 14.52                | PASS    |
| Band38 | 20MHz     | QPSK       | 37850   | 100RB#0          | 17.944                   | 19.39                | PASS    |
| Band38 | 20MHz     | QPSK       | 38000   | 100RB#0          | 17.920                   | 19.55                | PASS    |
| Band38 | 20MHz     | QPSK       | 38150   | 100RB#0          | 17.932                   | 19.43                | PASS    |
| Band38 | 20MHz     | 16QAM      | 37850   | 100RB#0          | 17.917                   | 19.51                | PASS    |
| Band38 | 20MHz     | 16QAM      | 38000   | 100RB#0          | 17.897                   | 19.44                | PASS    |
| Band38 | 20MHz     | 16QAM      | 38150   | 100RB#0          | 17.899                   | 19.54                | PASS    |

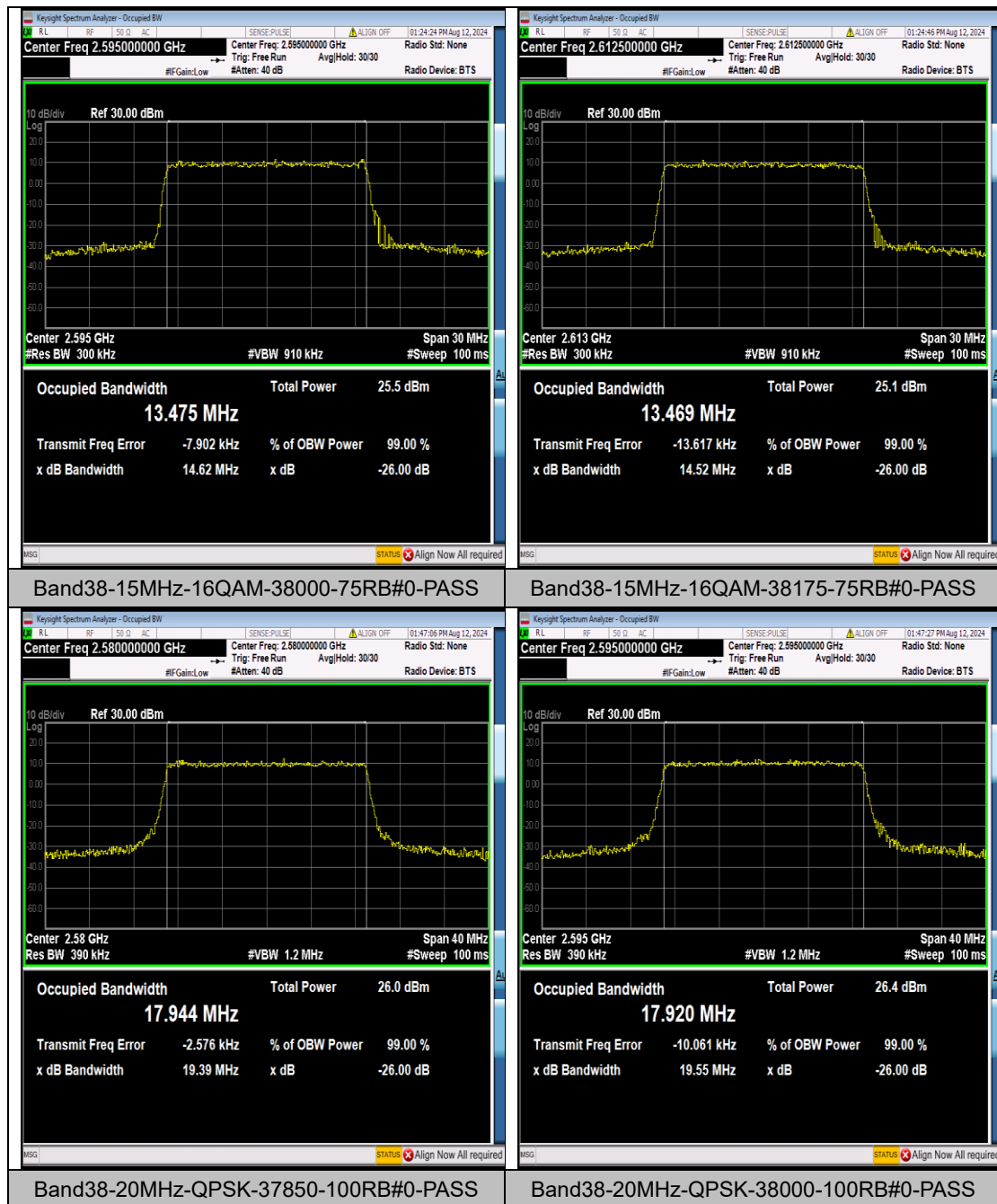
## Test Graphs

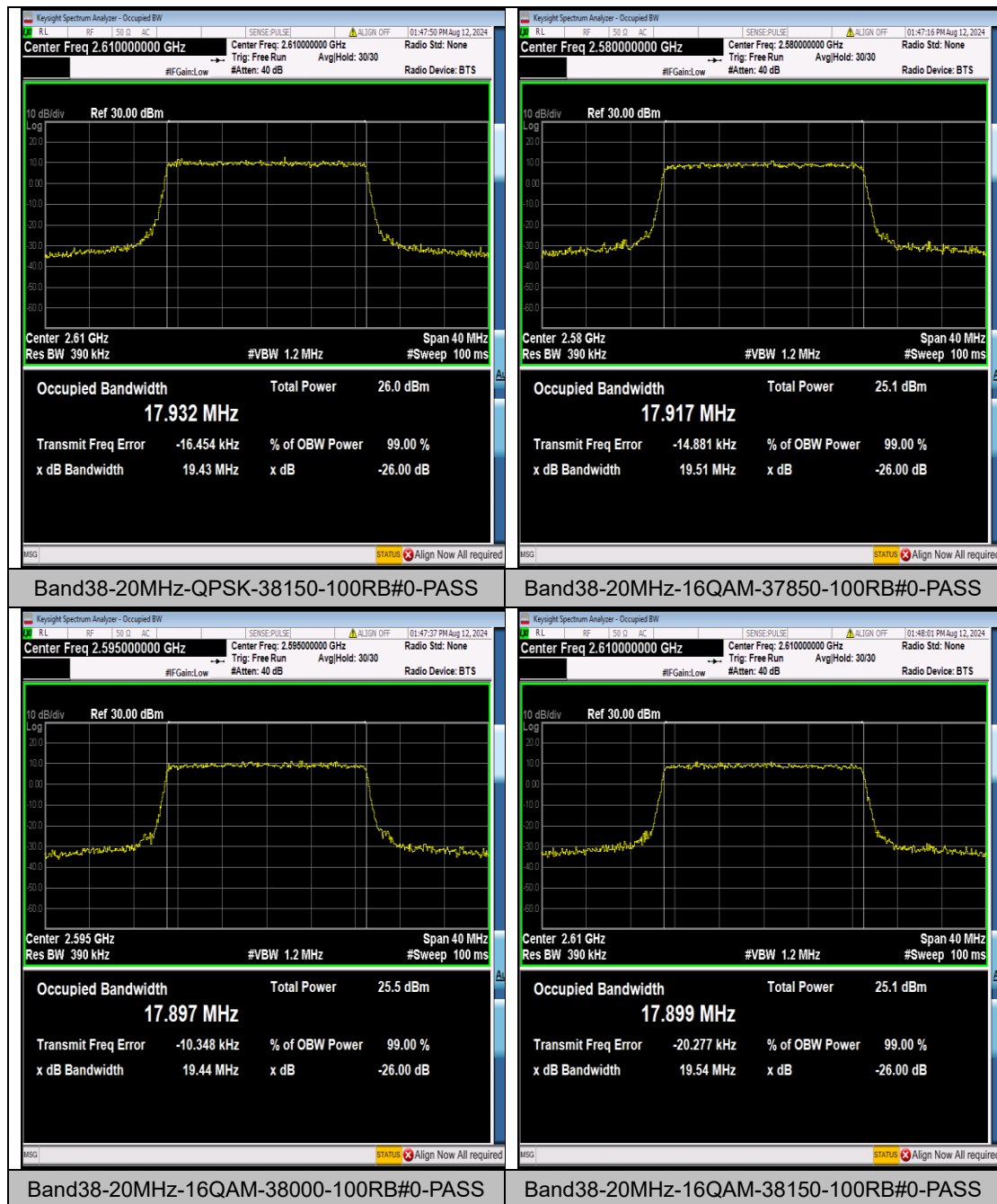










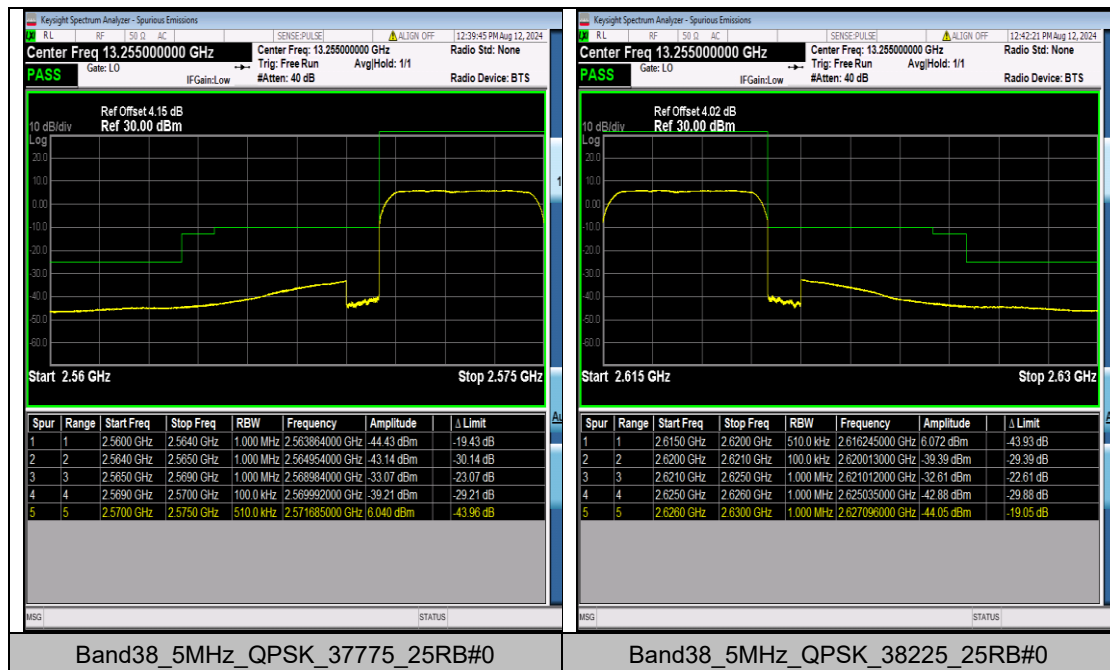


## Appendix D: Band Edge

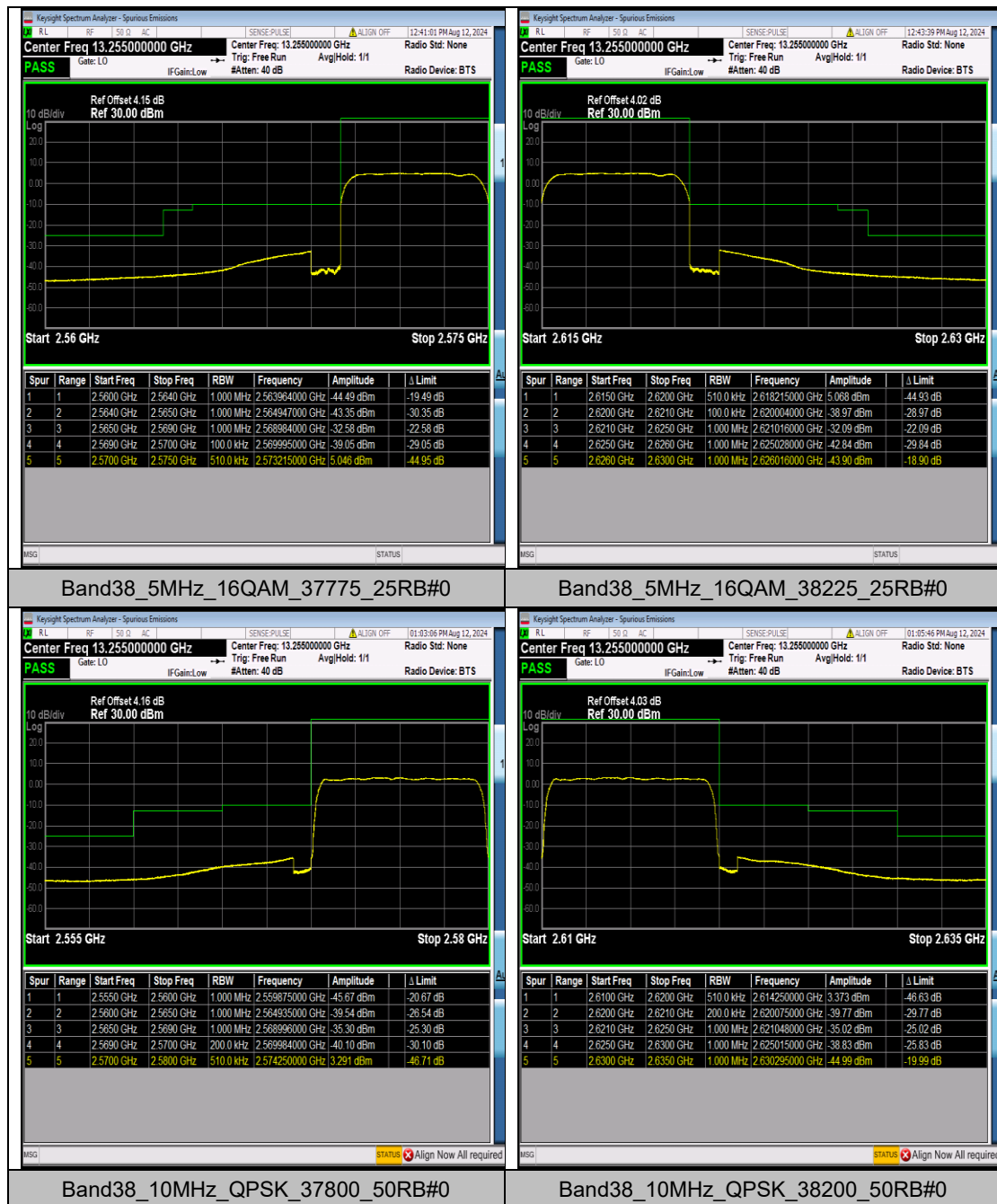
### Test Result

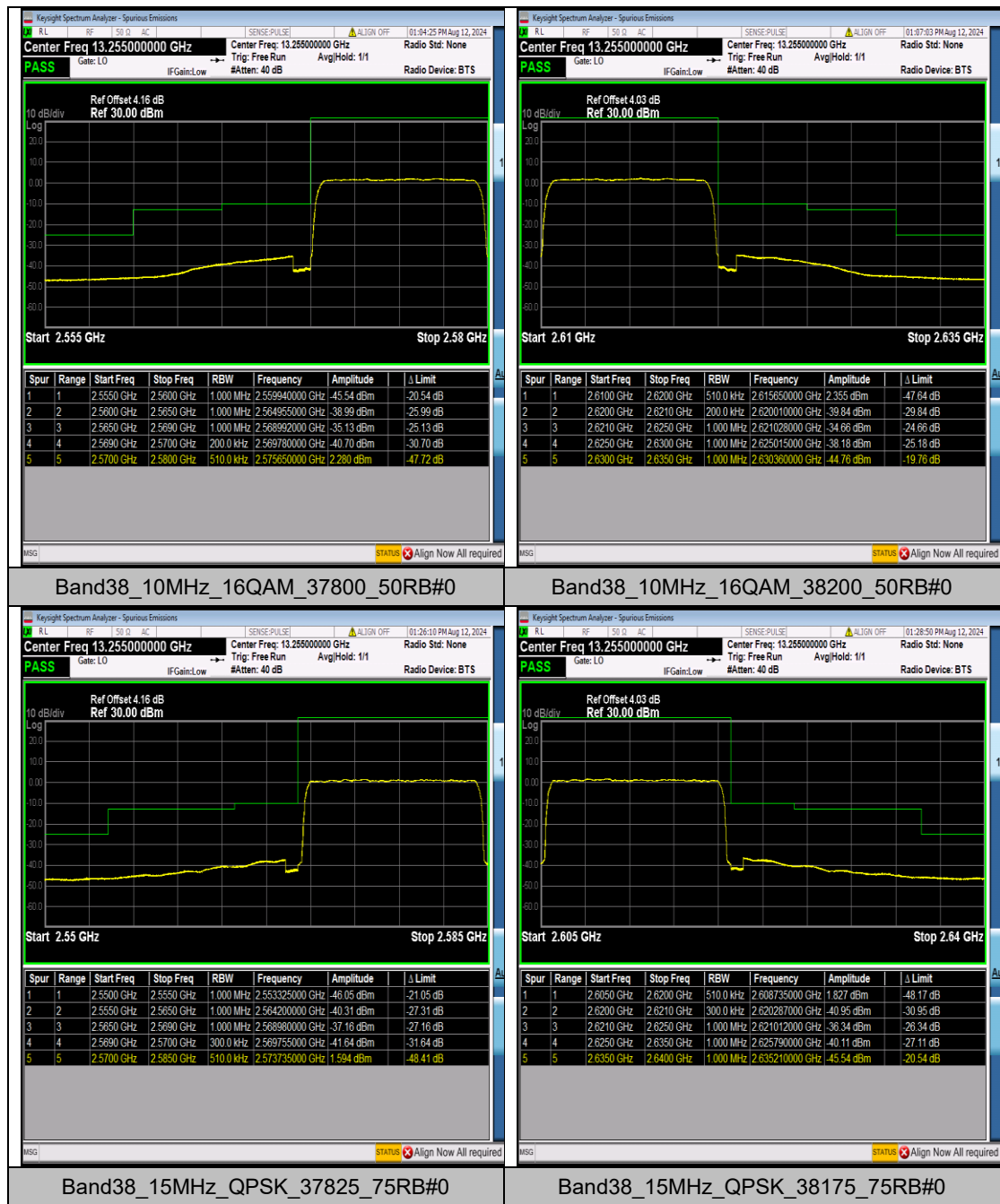
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | -44.43      | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0           | -44.05      | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | -44.49      | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 25RB#0           | -43.90      | PASS    |
| Band38 | 10MHz     | QPSK       | 37800   | 50RB#0           | -45.67      | PASS    |
| Band38 | 10MHz     | QPSK       | 38200   | 50RB#0           | -44.99      | PASS    |
| Band38 | 10MHz     | 16QAM      | 37800   | 50RB#0           | -45.54      | PASS    |
| Band38 | 10MHz     | 16QAM      | 38200   | 50RB#0           | -44.76      | PASS    |
| Band38 | 15MHz     | QPSK       | 37825   | 75RB#0           | -46.05      | PASS    |
| Band38 | 15MHz     | QPSK       | 38175   | 75RB#0           | -45.54      | PASS    |
| Band38 | 15MHz     | 16QAM      | 37825   | 75RB#0           | -45.85      | PASS    |
| Band38 | 15MHz     | 16QAM      | 38175   | 75RB#0           | -45.32      | PASS    |
| Band38 | 20MHz     | QPSK       | 37850   | 100RB#0          | -46.55      | PASS    |
| Band38 | 20MHz     | QPSK       | 38150   | 100RB#0          | -46.14      | PASS    |
| Band38 | 20MHz     | 16QAM      | 37850   | 100RB#0          | -46.32      | PASS    |
| Band38 | 20MHz     | 16QAM      | 38150   | 100RB#0          | -45.92      | PASS    |

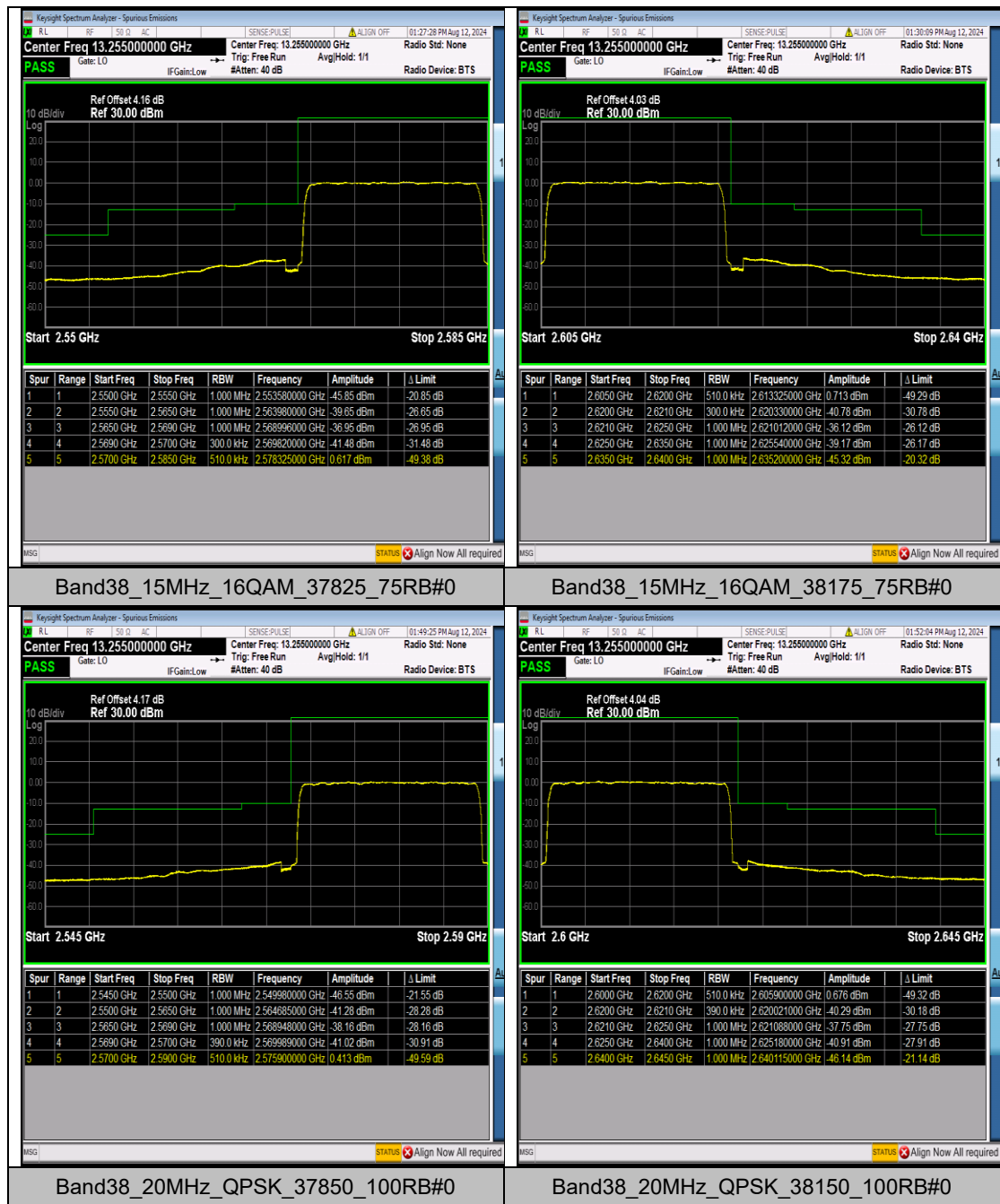
### Test Graphs

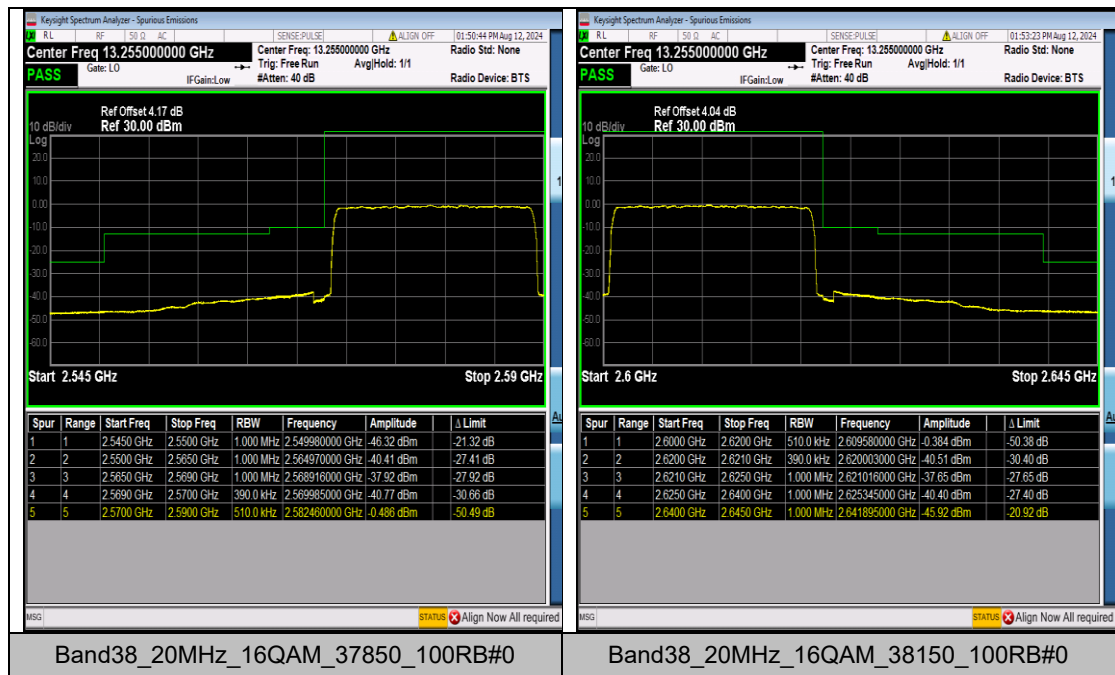












## Appendix E: Conducted Spurious Emission

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Result (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-----------------|--------------|---------|
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | 0.009~0.15      | -70.26       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | 0.15~30         | -63.20       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | 30~1000         | -66.57       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | 1000~20000      | -45.32       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | 20000~27000     | -40.14       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | 0.009~0.15      | -69.41       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | 0.15~30         | -63.06       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | 30~1000         | -66.54       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | 1000~20000      | -45.71       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | 20000~27000     | -40.19       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0           | 0.009~0.15      | -70.43       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0           | 0.15~30         | -66.03       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0           | 30~1000         | -66.72       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0           | 1000~20000      | -44.10       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0           | 20000~27000     | -40.03       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | 0.009~0.15      | -72.83       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | 0.15~30         | -65.11       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | 30~1000         | -66.53       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | 1000~20000      | -46.02       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | 20000~27000     | -40.37       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | 0.009~0.15      | -68.21       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | 0.15~30         | -63.42       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | 30~1000         | -66.56       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | 1000~20000      | -45.96       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | 20000~27000     | -40.43       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 25RB#0           | 0.009~0.15      | -69.83       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 25RB#0           | 0.15~30         | -63.78       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 25RB#0           | 30~1000         | -66.63       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 25RB#0           | 1000~20000      | -45.52       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 25RB#0           | 20000~27000     | -40.08       | PASS    |
| Band38 | 10MHz     | QPSK       | 37800   | 50RB#0           | 0.009~0.15      | -69.80       | PASS    |
| Band38 | 10MHz     | QPSK       | 37800   | 50RB#0           | 0.15~30         | -63.48       | PASS    |
| Band38 | 10MHz     | QPSK       | 37800   | 50RB#0           | 30~1000         | -66.53       | PASS    |
| Band38 | 10MHz     | QPSK       | 37800   | 50RB#0           | 1000~20000      | -46.03       | PASS    |
| Band38 | 10MHz     | QPSK       | 37800   | 50RB#0           | 20000~27000     | -40.18       | PASS    |
| Band38 | 10MHz     | QPSK       | 38000   | 50RB#0           | 0.009~0.15      | -68.02       | PASS    |

|        |       |       |       |        |             |        |      |
|--------|-------|-------|-------|--------|-------------|--------|------|
| Band38 | 10MHz | QPSK  | 38000 | 50RB#0 | 0.15~30     | -61.04 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 50RB#0 | 30~1000     | -66.35 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 50RB#0 | 1000~20000  | -46.04 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 50RB#0 | 20000~27000 | -40.15 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 50RB#0 | 0.009~0.15  | -66.72 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 50RB#0 | 0.15~30     | -62.59 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 50RB#0 | 30~1000     | -66.51 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 50RB#0 | 1000~20000  | -46.13 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 50RB#0 | 20000~27000 | -40.07 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0 | 0.009~0.15  | -71.90 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0 | 0.15~30     | -64.06 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0 | 30~1000     | -66.38 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0 | 1000~20000  | -45.94 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0 | 20000~27000 | -40.41 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0 | 0.009~0.15  | -70.59 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0 | 0.15~30     | -64.34 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0 | 30~1000     | -66.49 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0 | 1000~20000  | -46.18 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0 | 20000~27000 | -40.18 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0 | 0.009~0.15  | -69.42 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0 | 0.15~30     | -61.89 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0 | 30~1000     | -66.52 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0 | 1000~20000  | -45.75 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0 | 20000~27000 | -40.15 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0 | 0.009~0.15  | -68.78 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0 | 0.15~30     | -65.95 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0 | 30~1000     | -66.70 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0 | 1000~20000  | -45.56 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0 | 20000~27000 | -39.82 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0 | 0.009~0.15  | -70.57 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0 | 0.15~30     | -59.83 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0 | 30~1000     | -66.64 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0 | 1000~20000  | -45.68 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0 | 20000~27000 | -40.16 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0 | 0.009~0.15  | -71.92 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0 | 0.15~30     | -64.13 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0 | 30~1000     | -66.44 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0 | 1000~20000  | -45.88 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0 | 20000~27000 | -40.15 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0 | 0.009~0.15  | -71.10 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0 | 0.15~30     | -62.84 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0 | 30~1000     | -67.01 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0 | 1000~20000  | -45.47 | PASS |

|        |       |       |       |         |             |        |      |
|--------|-------|-------|-------|---------|-------------|--------|------|
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0  | 20000~27000 | -40.17 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0  | 0.009~0.15  | -68.14 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0  | 0.15~30     | -62.78 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0  | 30~1000     | -66.78 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0  | 1000~20000  | -46.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0  | 20000~27000 | -40.11 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0  | 0.009~0.15  | -72.33 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0  | 0.15~30     | -60.91 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0  | 30~1000     | -66.79 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0  | 1000~20000  | -45.92 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0  | 20000~27000 | -40.28 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | 0.009~0.15  | -72.27 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | 0.15~30     | -66.08 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | 30~1000     | -66.62 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | 1000~20000  | -46.04 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | 20000~27000 | -39.72 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | 0.009~0.15  | -69.00 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | 0.15~30     | -62.09 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | 30~1000     | -66.27 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | 1000~20000  | -45.66 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | 20000~27000 | -40.09 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | 0.009~0.15  | -70.63 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | 0.15~30     | -62.32 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | 30~1000     | -66.55 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | 1000~20000  | -46.23 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | 20000~27000 | -40.22 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | 0.009~0.15  | -70.75 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | 0.15~30     | -60.90 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | 30~1000     | -66.41 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | 1000~20000  | -46.19 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | 20000~27000 | -40.30 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 0.009~0.15  | -71.01 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 0.15~30     | -62.18 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 30~1000     | -66.55 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 1000~20000  | -45.65 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 20000~27000 | -40.40 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | 0.009~0.15  | -72.55 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | 0.15~30     | -63.94 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | 30~1000     | -66.44 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | 1000~20000  | -45.78 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | 20000~27000 | -40.21 | PASS |