

# **FCC&ISED LTE Band Test Data**

**FCC ID : 2BE8S-G1**

**IC : 33120-G1**

**Company: : Shenzhen kehuitong Technology Co., Ltd**

**EUT : Tablet PC**

**HVIN(Model) : G1**

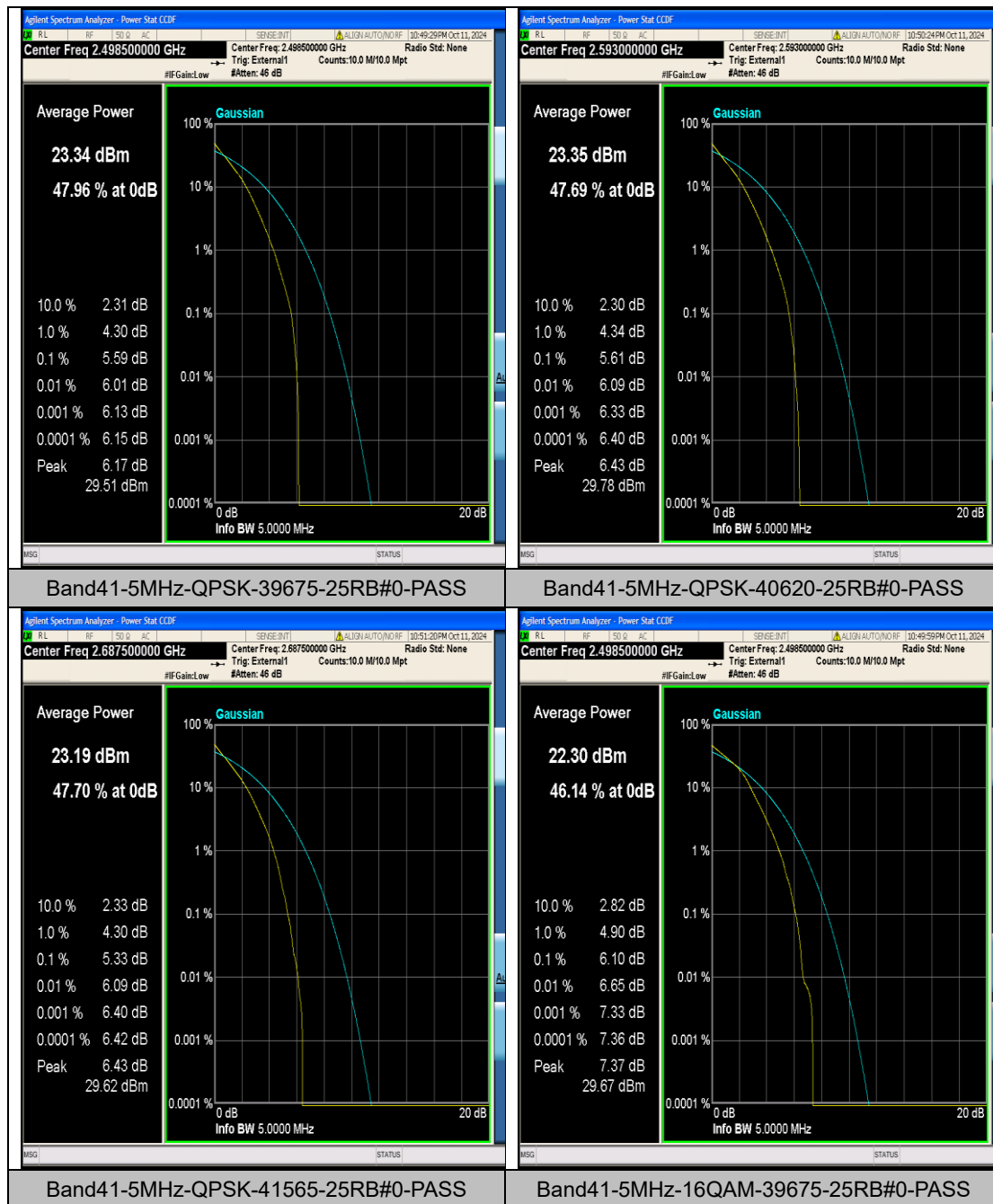
**Reviewed By : Eric Wang**

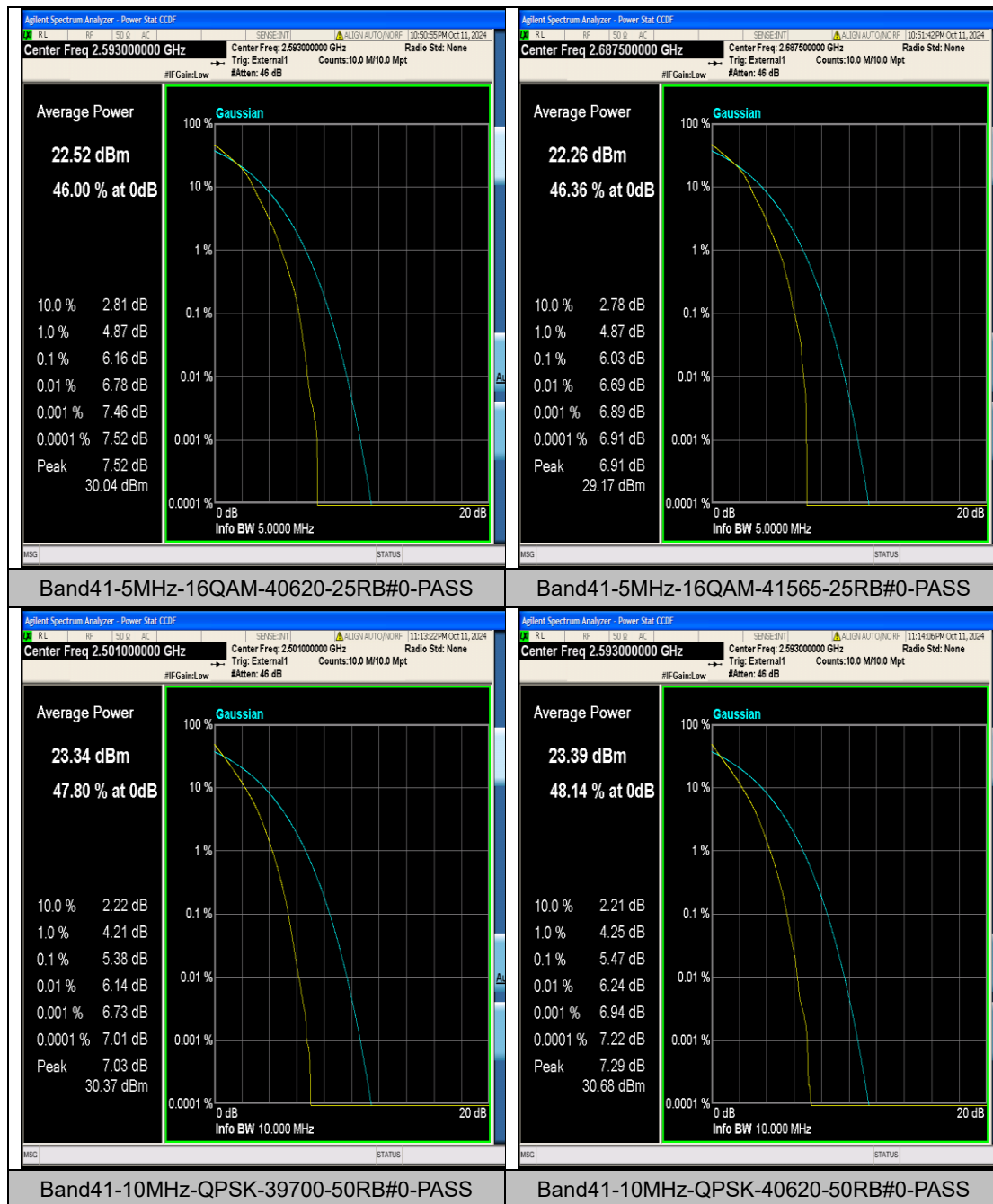
## Appendix B: Peak-to-Average Ratio(CCDF)

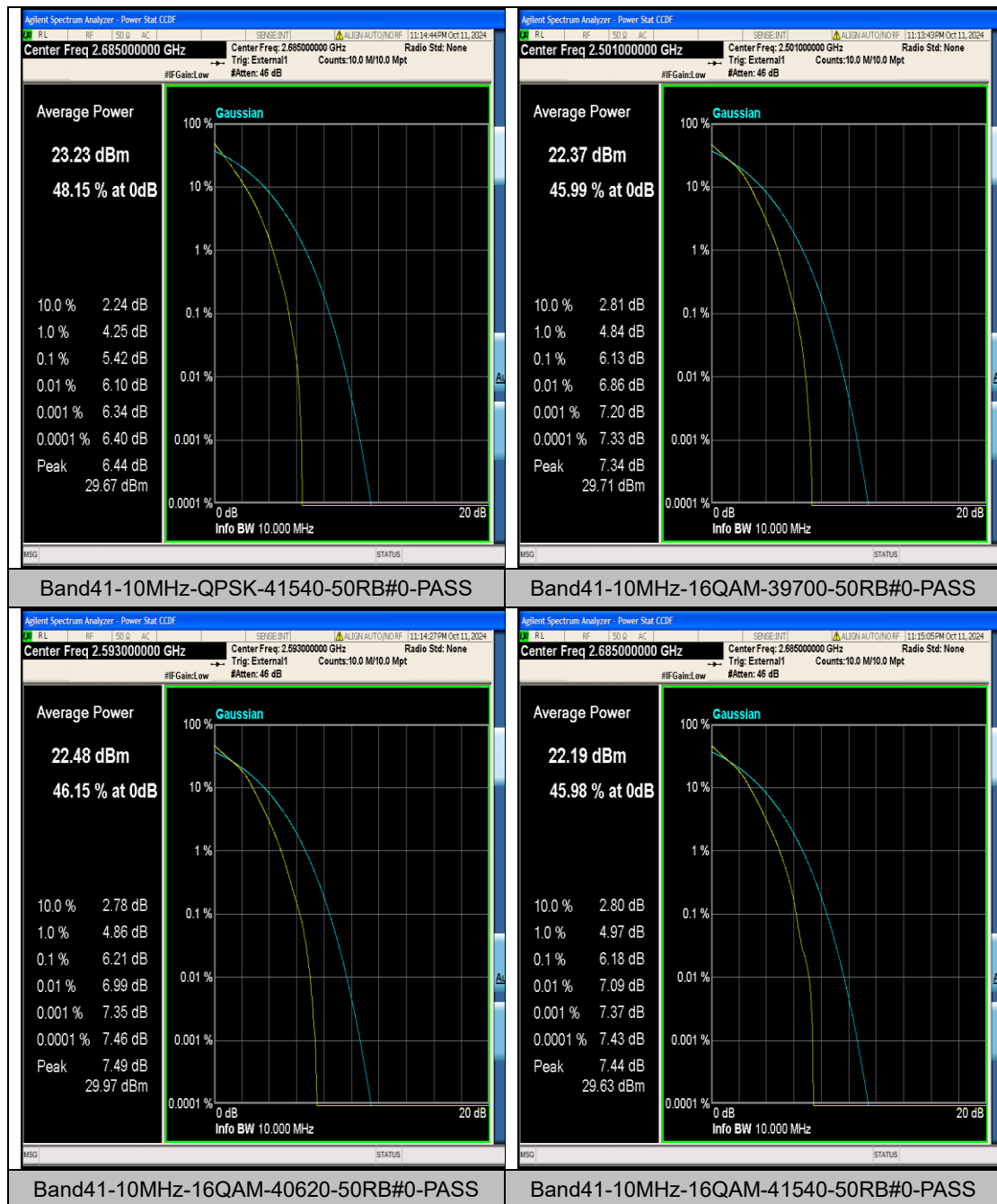
### Test Result

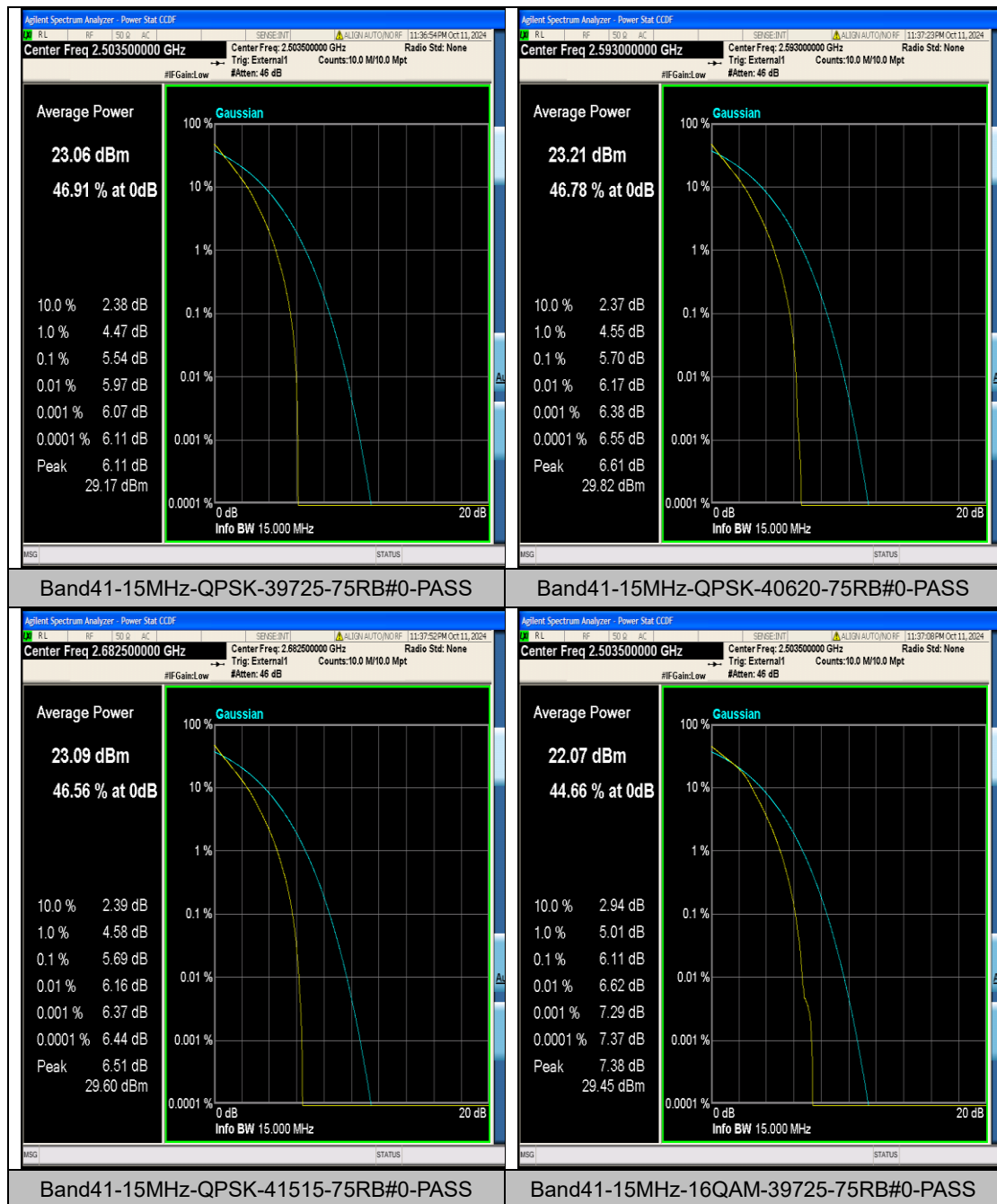
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band41 | 5MHz      | QPSK       | 39675   | 25RB#0           | 5.59       | 13        | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 25RB#0           | 5.61       | 13        | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 25RB#0           | 5.33       | 13        | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 25RB#0           | 6.10       | 13        | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 25RB#0           | 6.16       | 13        | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 25RB#0           | 6.03       | 13        | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 50RB#0           | 5.38       | 13        | PASS    |
| Band41 | 10MHz     | QPSK       | 40620   | 50RB#0           | 5.47       | 13        | PASS    |
| Band41 | 10MHz     | QPSK       | 41540   | 50RB#0           | 5.42       | 13        | PASS    |
| Band41 | 10MHz     | 16QAM      | 39700   | 50RB#0           | 6.13       | 13        | PASS    |
| Band41 | 10MHz     | 16QAM      | 40620   | 50RB#0           | 6.21       | 13        | PASS    |
| Band41 | 10MHz     | 16QAM      | 41540   | 50RB#0           | 6.18       | 13        | PASS    |
| Band41 | 15MHz     | QPSK       | 39725   | 75RB#0           | 5.54       | 13        | PASS    |
| Band41 | 15MHz     | QPSK       | 40620   | 75RB#0           | 5.70       | 13        | PASS    |
| Band41 | 15MHz     | QPSK       | 41515   | 75RB#0           | 5.69       | 13        | PASS    |
| Band41 | 15MHz     | 16QAM      | 39725   | 75RB#0           | 6.11       | 13        | PASS    |
| Band41 | 15MHz     | 16QAM      | 40620   | 75RB#0           | 6.25       | 13        | PASS    |
| Band41 | 15MHz     | 16QAM      | 41515   | 75RB#0           | 6.20       | 13        | PASS    |
| Band41 | 20MHz     | QPSK       | 39750   | 100RB#0          | 5.13       | 13        | PASS    |
| Band41 | 20MHz     | QPSK       | 40620   | 100RB#0          | 5.29       | 13        | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | 100RB#0          | 5.36       | 13        | PASS    |
| Band41 | 20MHz     | 16QAM      | 39750   | 100RB#0          | 5.95       | 13        | PASS    |
| Band41 | 20MHz     | 16QAM      | 40620   | 100RB#0          | 6.10       | 13        | PASS    |
| Band41 | 20MHz     | 16QAM      | 41490   | 100RB#0          | 6.19       | 13        | PASS    |

## Test Graphs













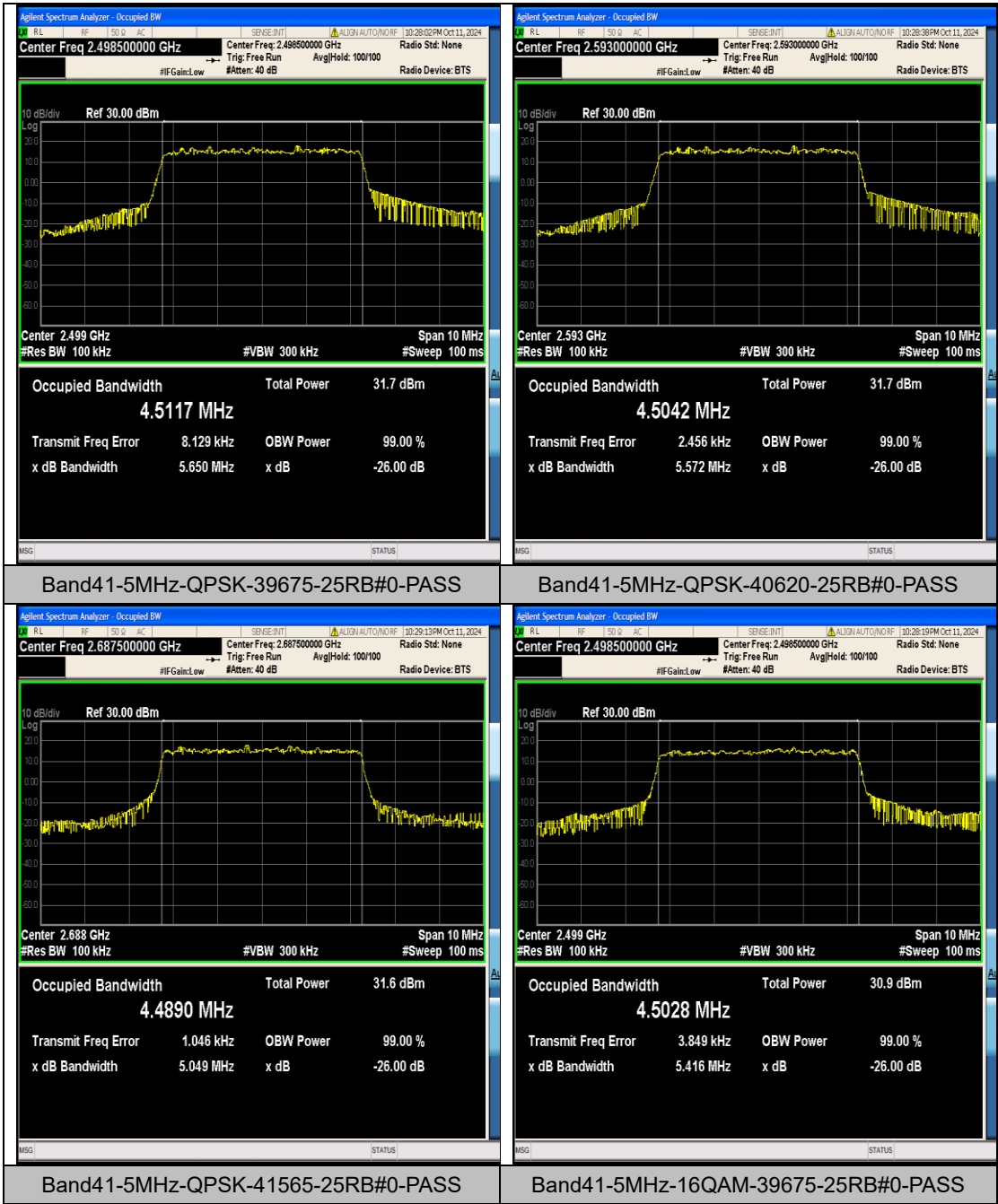


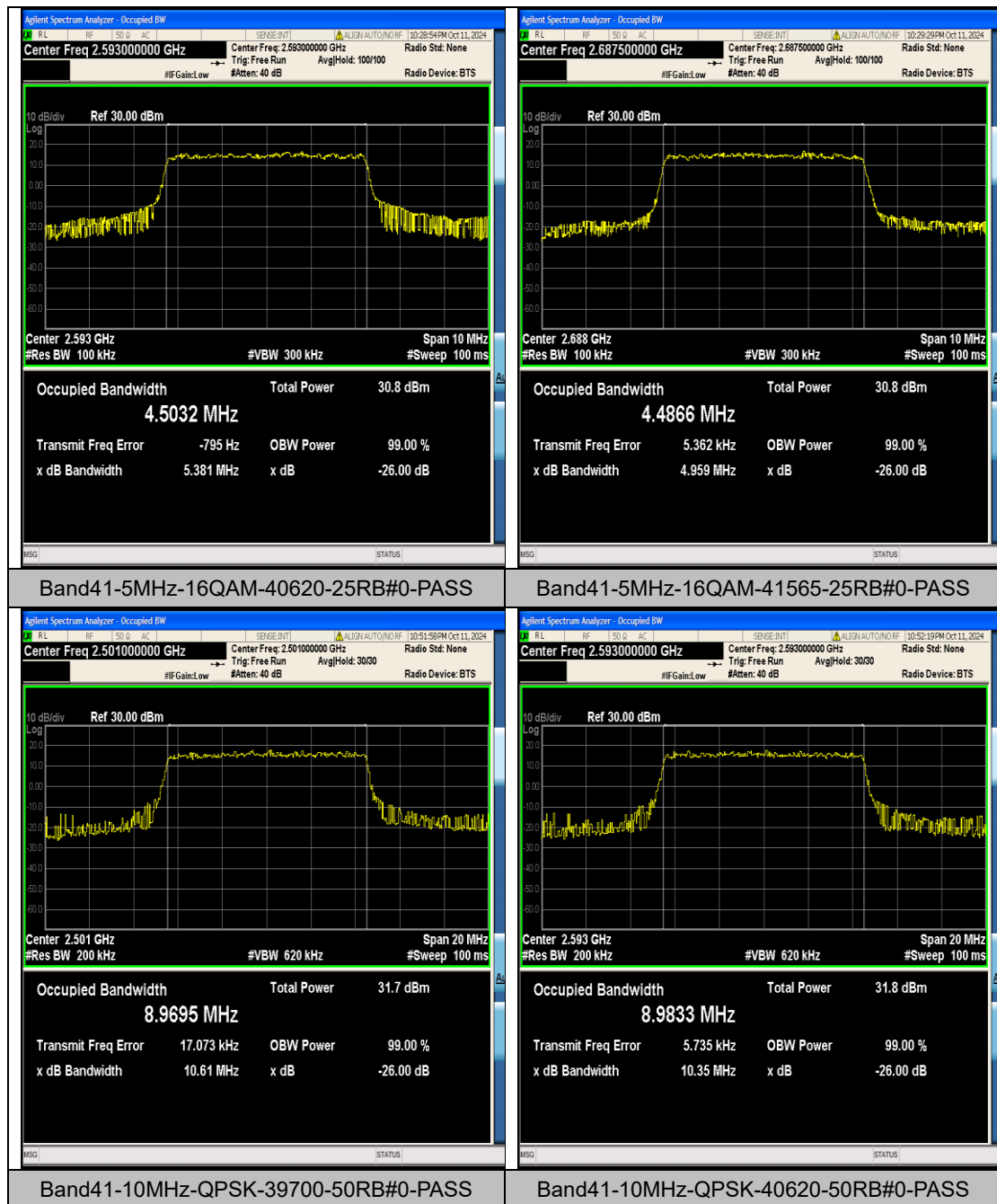
## Appendix C: 26dB Bandwidth and Occupied Bandwidth

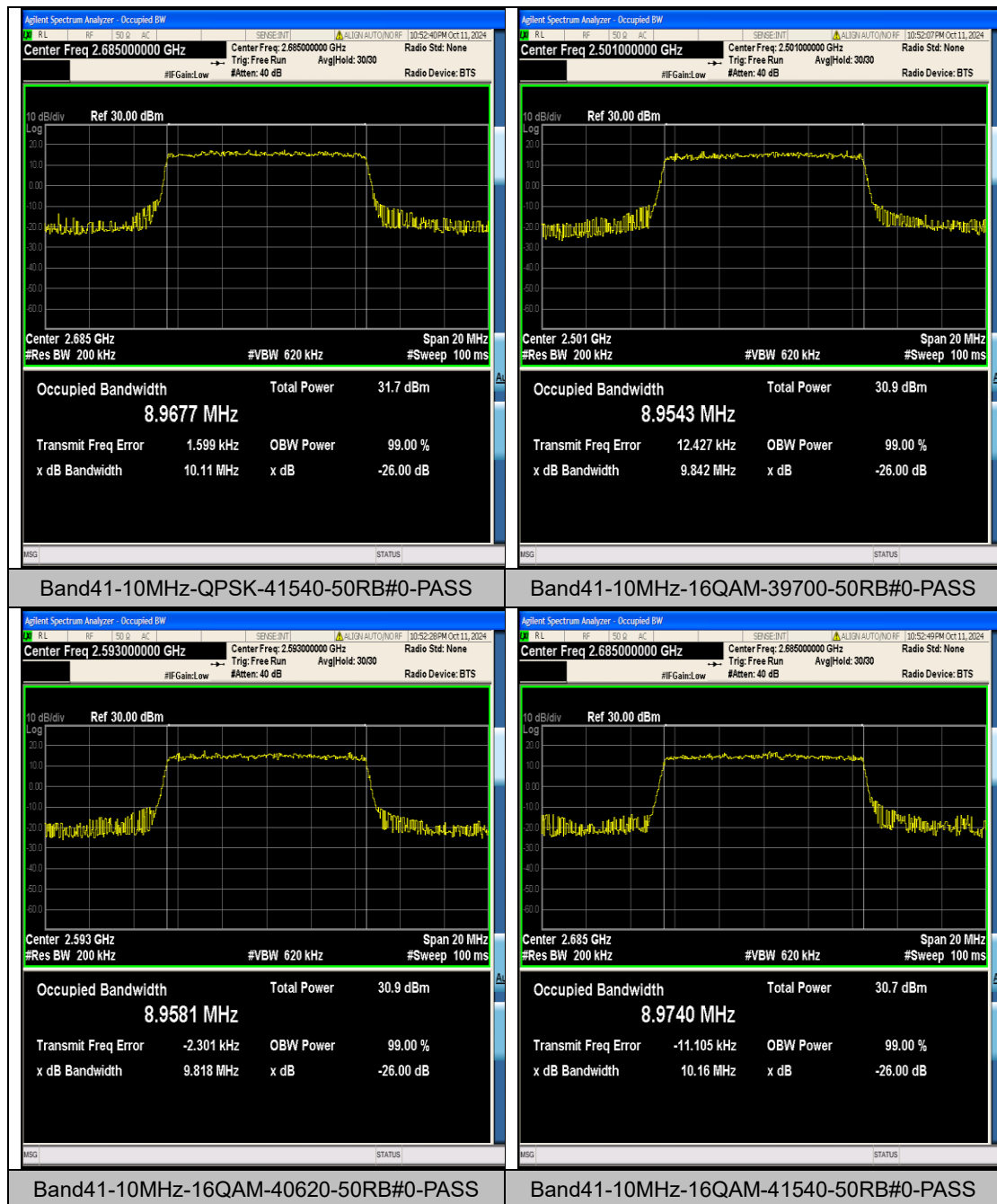
### Test Result

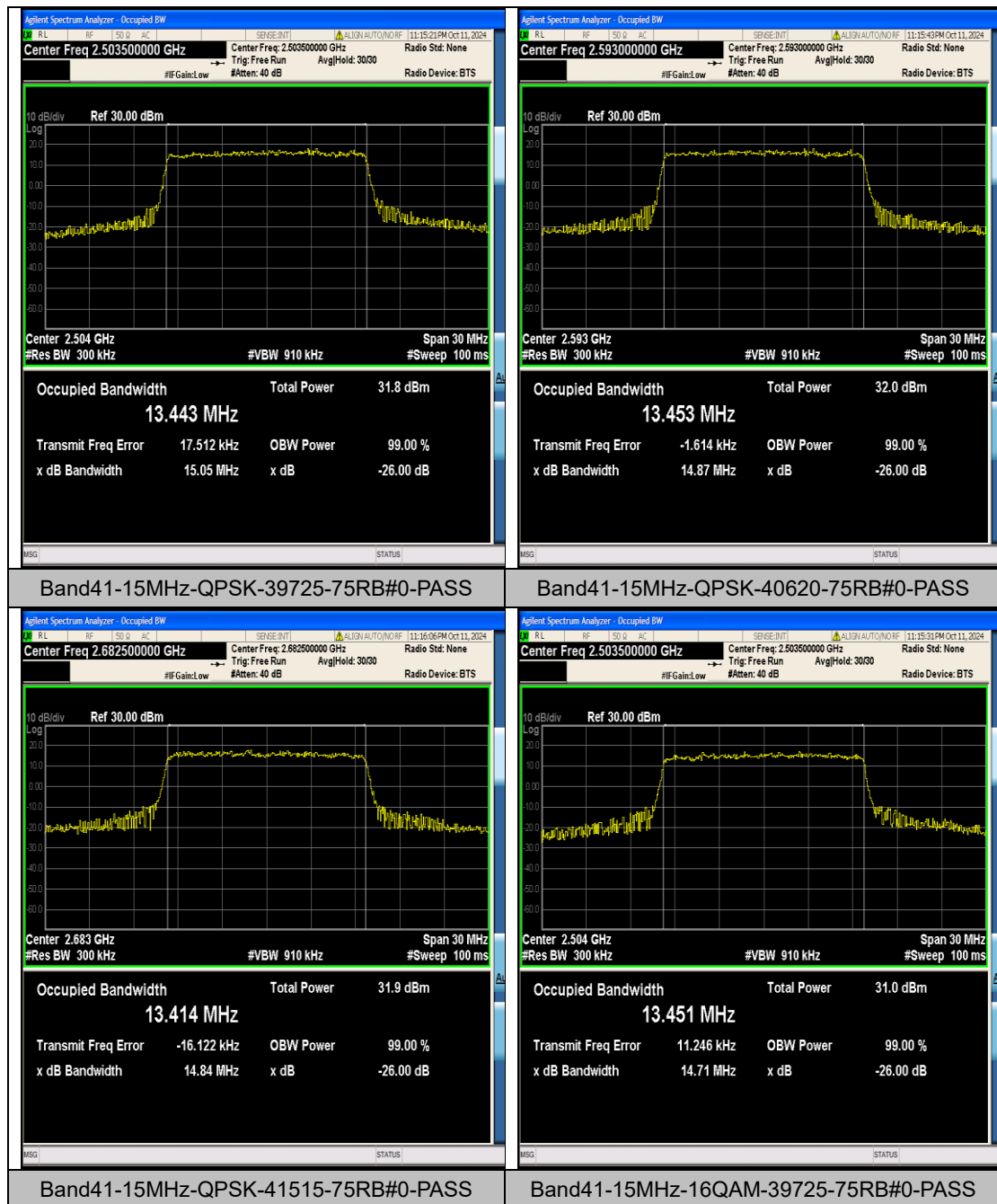
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band41 | 5MHz      | QPSK       | 39675   | 25RB#0           | 4.5117                   | 5.650                | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 25RB#0           | 4.5042                   | 5.572                | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 25RB#0           | 4.4890                   | 5.049                | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 25RB#0           | 4.5028                   | 5.416                | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 25RB#0           | 4.5032                   | 5.381                | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 25RB#0           | 4.4866                   | 4.959                | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 50RB#0           | 8.9695                   | 10.61                | PASS    |
| Band41 | 10MHz     | QPSK       | 40620   | 50RB#0           | 8.9833                   | 10.35                | PASS    |
| Band41 | 10MHz     | QPSK       | 41540   | 50RB#0           | 8.9677                   | 10.11                | PASS    |
| Band41 | 10MHz     | 16QAM      | 39700   | 50RB#0           | 8.9543                   | 9.842                | PASS    |
| Band41 | 10MHz     | 16QAM      | 40620   | 50RB#0           | 8.9581                   | 9.818                | PASS    |
| Band41 | 10MHz     | 16QAM      | 41540   | 50RB#0           | 8.9740                   | 10.16                | PASS    |
| Band41 | 15MHz     | QPSK       | 39725   | 75RB#0           | 13.443                   | 15.05                | PASS    |
| Band41 | 15MHz     | QPSK       | 40620   | 75RB#0           | 13.453                   | 14.87                | PASS    |
| Band41 | 15MHz     | QPSK       | 41515   | 75RB#0           | 13.414                   | 14.84                | PASS    |
| Band41 | 15MHz     | 16QAM      | 39725   | 75RB#0           | 13.451                   | 14.71                | PASS    |
| Band41 | 15MHz     | 16QAM      | 40620   | 75RB#0           | 13.451                   | 14.74                | PASS    |
| Band41 | 15MHz     | 16QAM      | 41515   | 75RB#0           | 13.471                   | 14.90                | PASS    |
| Band41 | 20MHz     | QPSK       | 39750   | 100RB#0          | 17.934                   | 19.88                | PASS    |
| Band41 | 20MHz     | QPSK       | 40620   | 100RB#0          | 17.911                   | 19.94                | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | 100RB#0          | 17.887                   | 20.29                | PASS    |
| Band41 | 20MHz     | 16QAM      | 39750   | 100RB#0          | 17.888                   | 19.33                | PASS    |
| Band41 | 20MHz     | 16QAM      | 40620   | 100RB#0          | 17.877                   | 19.42                | PASS    |
| Band41 | 20MHz     | 16QAM      | 41490   | 100RB#0          | 17.885                   | 20.06                | PASS    |

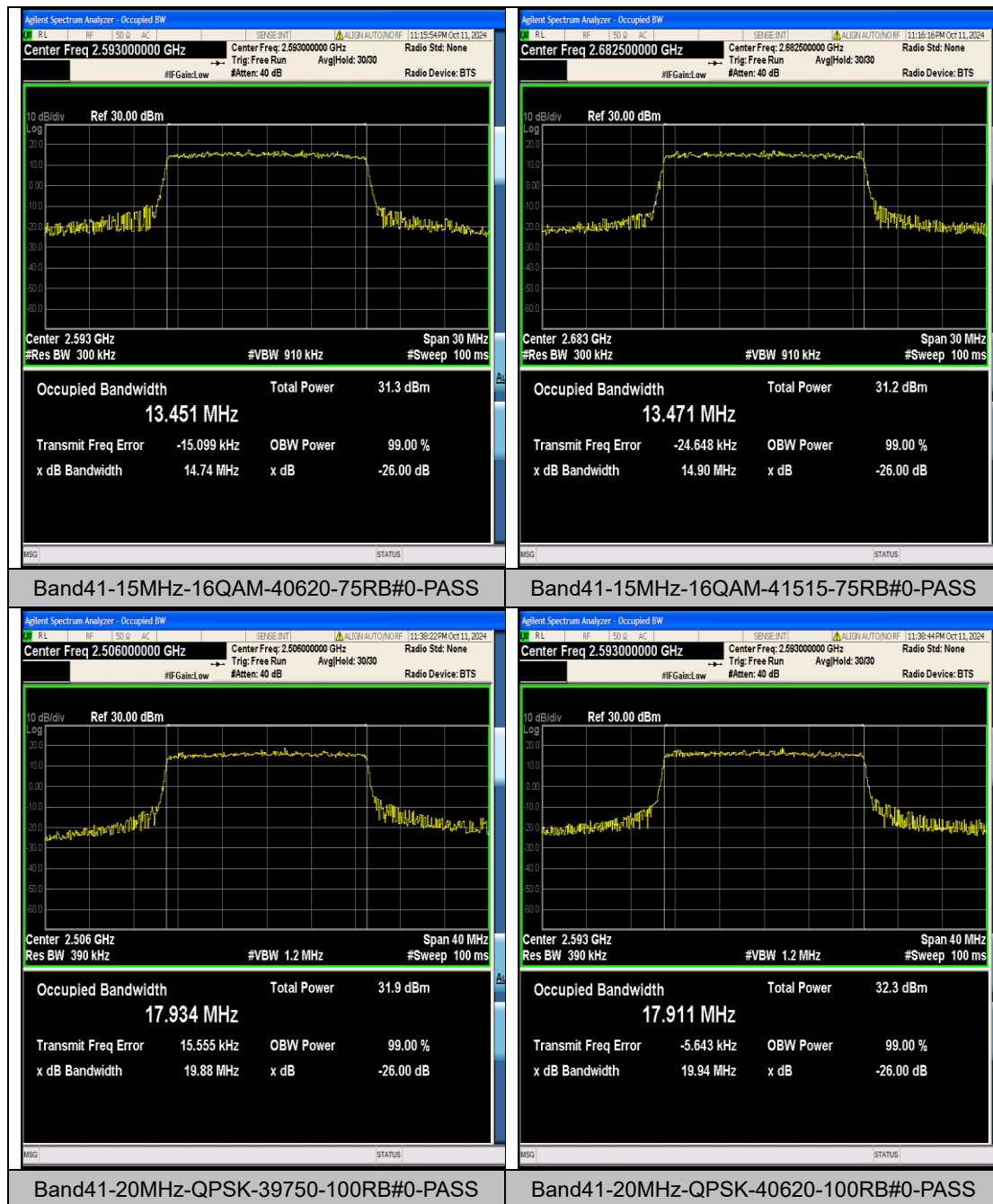
Test Graphs

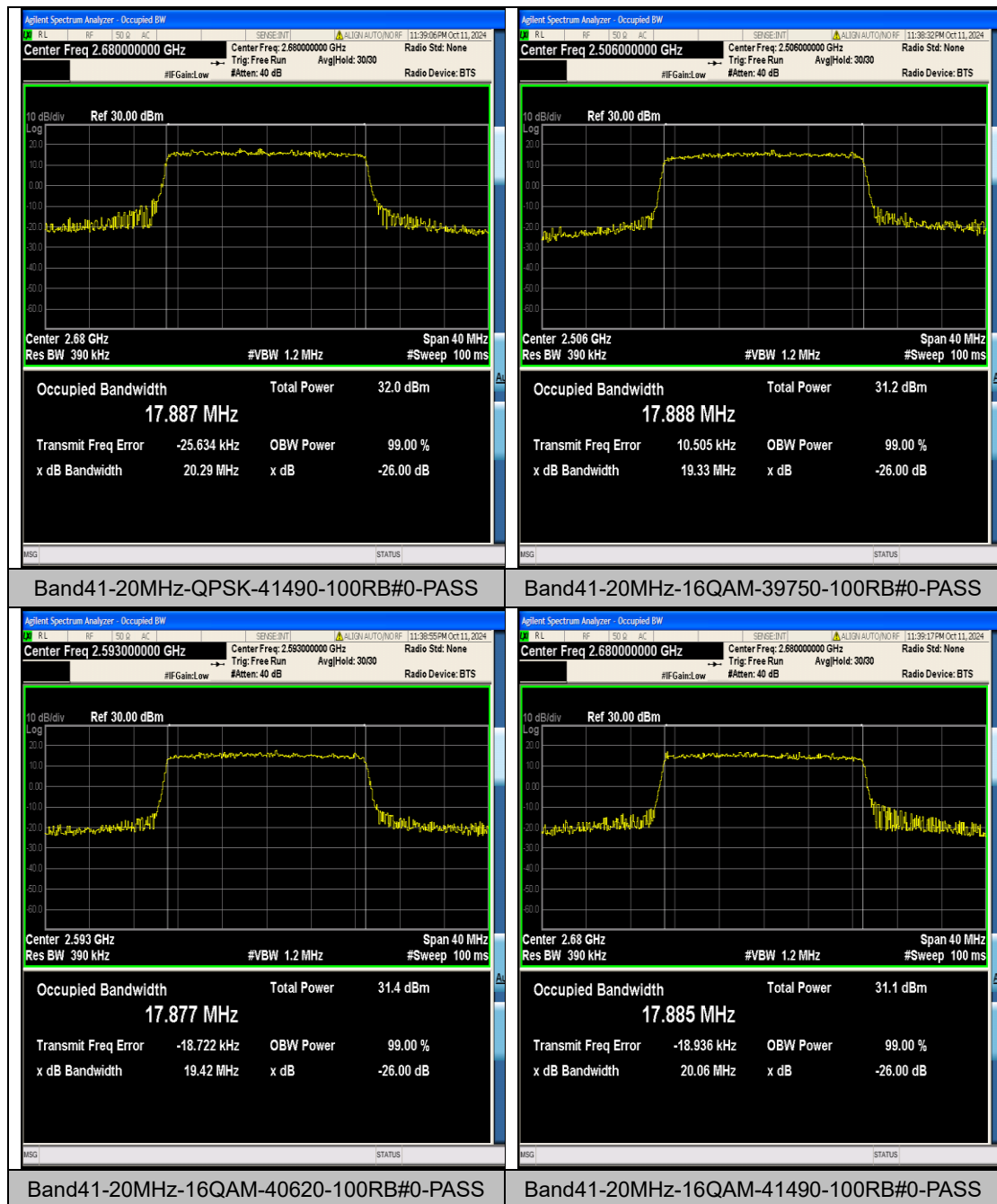












## Appendix D: Band Edge

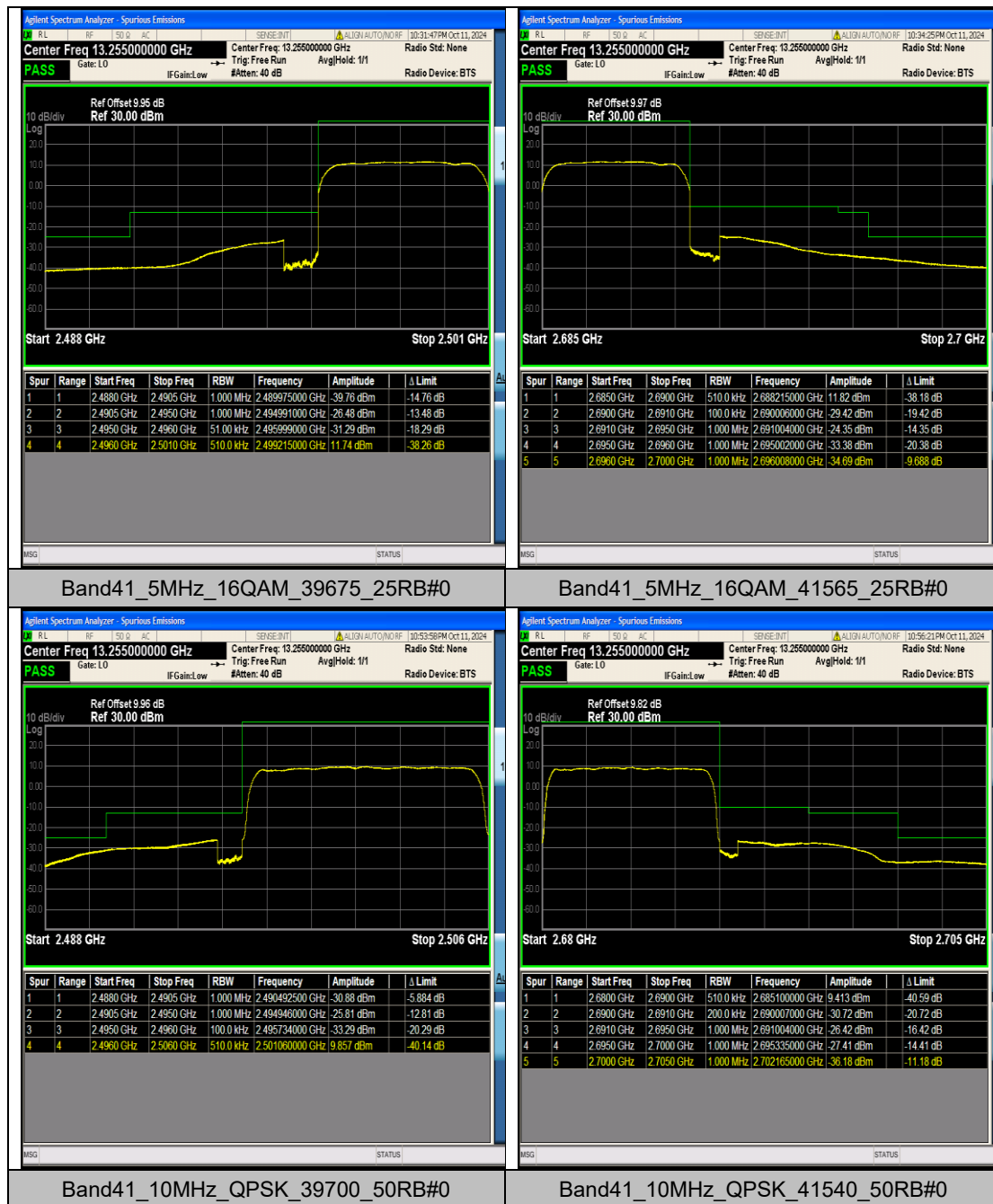
### Test Result

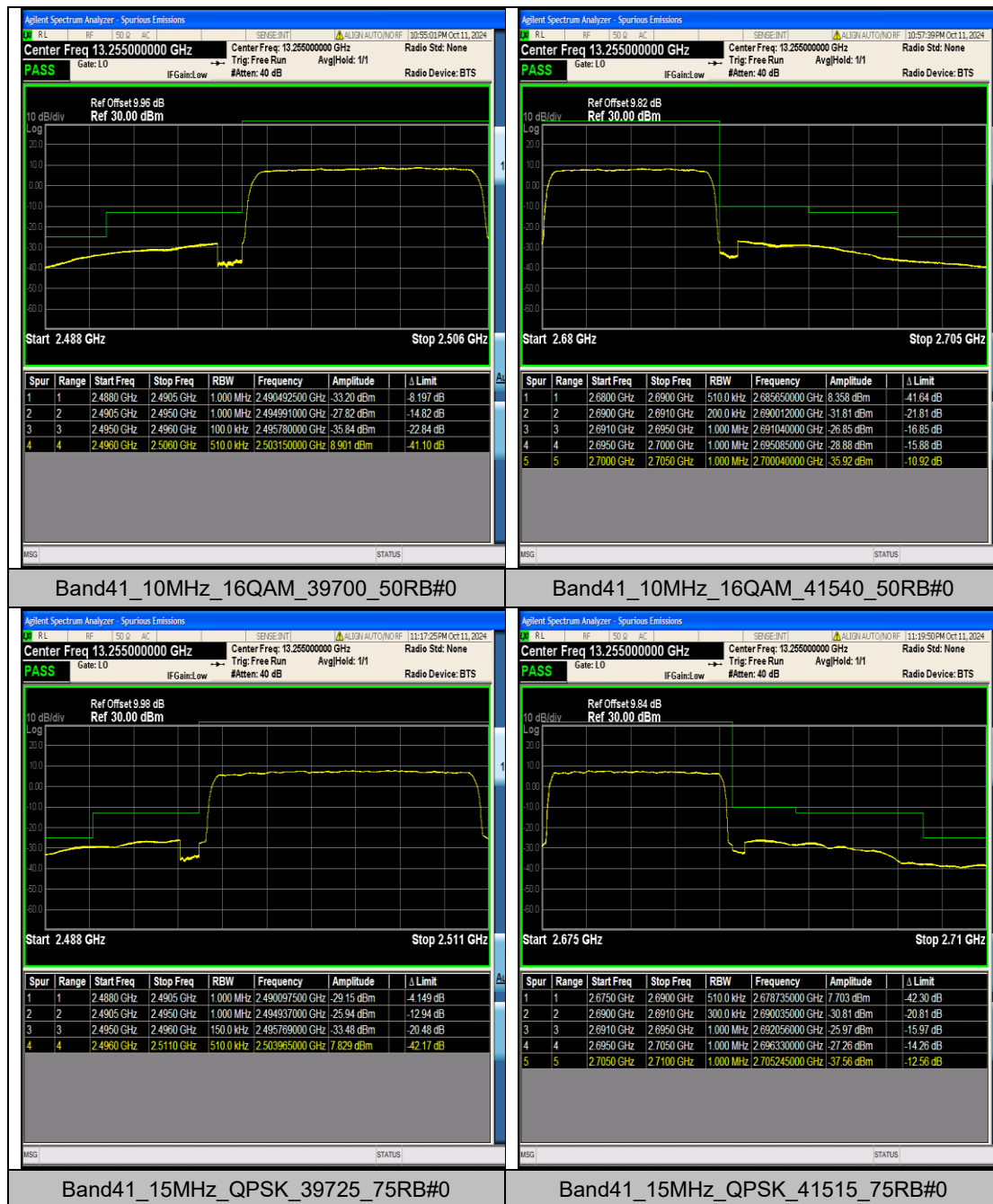
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band41 | 5MHz      | QPSK       | 39675   | 25RB#0           | -24.29      | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 25RB#0           | -33.64      | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 25RB#0           | -26.48      | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 25RB#0           | -34.69      | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 50RB#0           | -30.88      | PASS    |
| Band41 | 10MHz     | QPSK       | 41540   | 50RB#0           | -36.18      | PASS    |
| Band41 | 10MHz     | 16QAM      | 39700   | 50RB#0           | -33.20      | PASS    |
| Band41 | 10MHz     | 16QAM      | 41540   | 50RB#0           | -35.92      | PASS    |
| Band41 | 15MHz     | QPSK       | 39725   | 75RB#0           | -29.15      | PASS    |
| Band41 | 15MHz     | QPSK       | 41515   | 75RB#0           | -37.56      | PASS    |
| Band41 | 15MHz     | 16QAM      | 39725   | 75RB#0           | -31.00      | PASS    |
| Band41 | 15MHz     | 16QAM      | 41515   | 75RB#0           | -37.28      | PASS    |
| Band41 | 20MHz     | QPSK       | 39750   | 100RB#0          | -31.54      | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | 100RB#0          | -39.25      | PASS    |
| Band41 | 20MHz     | 16QAM      | 39750   | 100RB#0          | -32.55      | PASS    |
| Band41 | 20MHz     | 16QAM      | 41490   | 100RB#0          | -39.45      | PASS    |

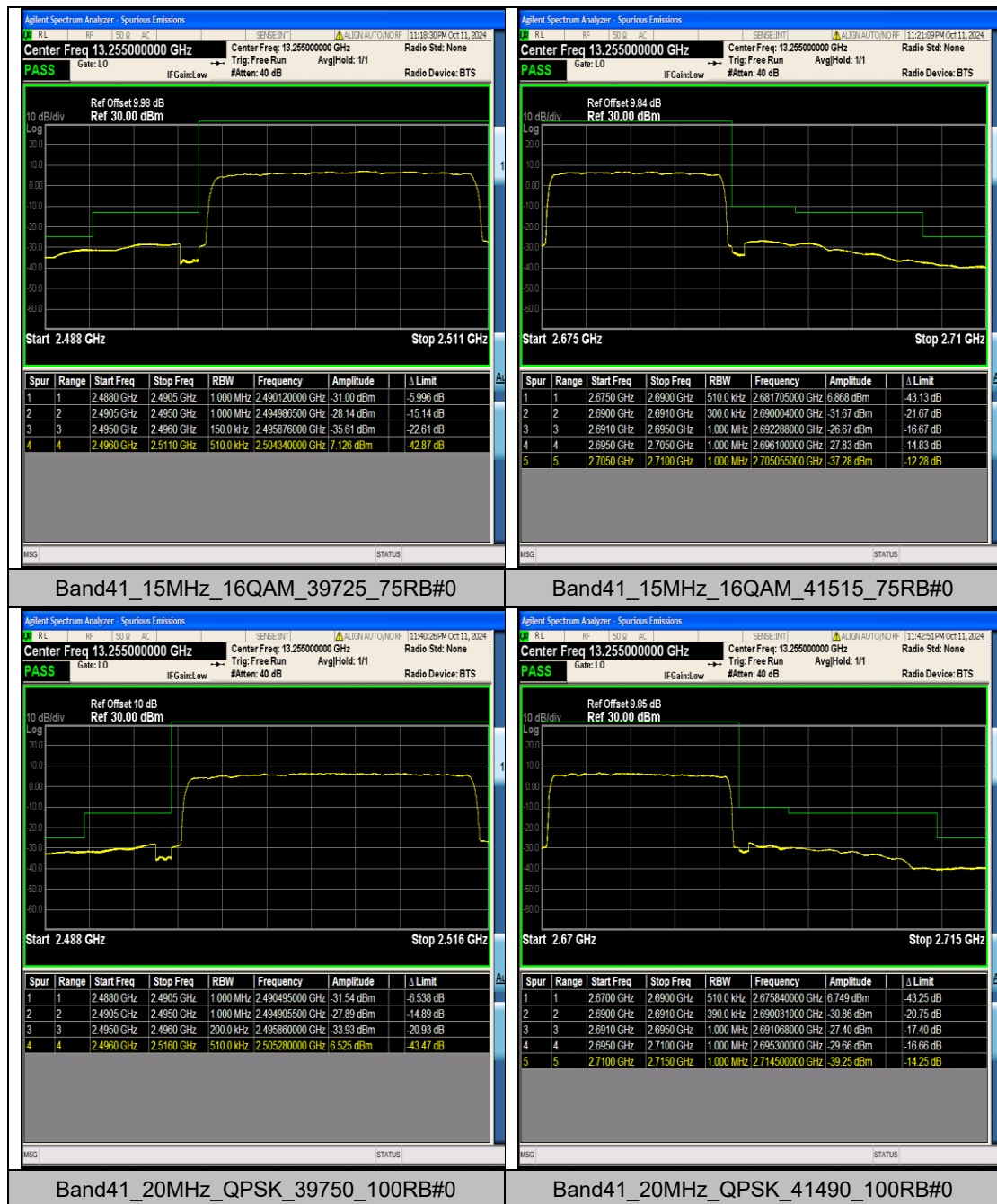
### Test Graphs

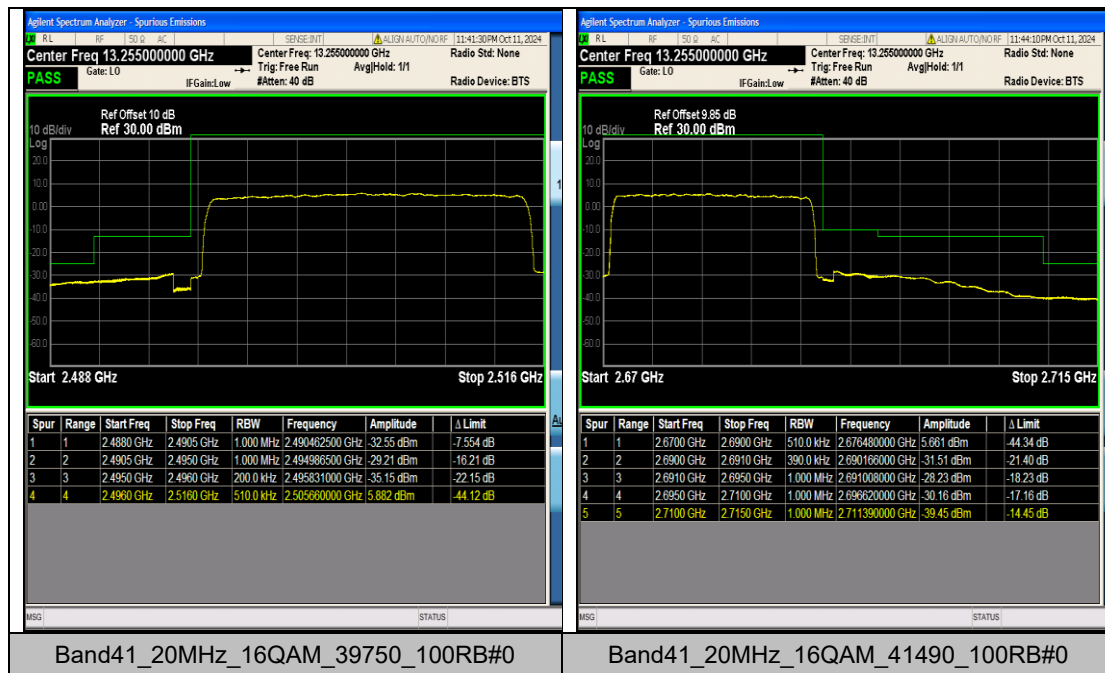












## Appendix E: Conducted Spurious Emission

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Result (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-----------------|--------------|---------|
| Band41 | 5MHz      | QPSK       | 39675   | 25RB#0           | 0.009~0.15      | -72.44       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 25RB#0           | 0.15~30         | -60.64       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 25RB#0           | 30~1000         | -61.97       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 25RB#0           | 1000~20000      | -37.88       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 25RB#0           | 20000~27000     | -31.37       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 25RB#0           | 0.009~0.15      | -71.66       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 25RB#0           | 0.15~30         | -63.82       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 25RB#0           | 30~1000         | -61.96       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 25RB#0           | 1000~20000      | -34.97       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 25RB#0           | 20000~27000     | -31.01       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 25RB#0           | 0.009~0.15      | -74.69       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 25RB#0           | 0.15~30         | -59.74       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 25RB#0           | 30~1000         | -61.84       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 25RB#0           | 1000~20000      | -33.12       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 25RB#0           | 20000~27000     | -31.25       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 25RB#0           | 0.009~0.15      | -73.05       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 25RB#0           | 0.15~30         | -63.61       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 25RB#0           | 30~1000         | -62.05       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 25RB#0           | 1000~20000      | -37.98       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 25RB#0           | 20000~27000     | -31.32       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 25RB#0           | 0.009~0.15      | -72.14       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 25RB#0           | 0.15~30         | -60.14       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 25RB#0           | 30~1000         | -62.07       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 25RB#0           | 1000~20000      | -35.51       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 25RB#0           | 20000~27000     | -31.23       | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 25RB#0           | 0.009~0.15      | -73.42       | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 25RB#0           | 0.15~30         | -61.44       | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 25RB#0           | 30~1000         | -62.00       | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 25RB#0           | 1000~20000      | -34.92       | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 25RB#0           | 20000~27000     | -31.41       | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 50RB#0           | 0.009~0.15      | -75.34       | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 50RB#0           | 0.15~30         | -61.77       | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 50RB#0           | 30~1000         | -61.67       | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 50RB#0           | 1000~20000      | -38.00       | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 50RB#0           | 20000~27000     | -31.42       | PASS    |
| Band41 | 10MHz     | QPSK       | 40620   | 50RB#0           | 0.009~0.15      | -73.50       | PASS    |

|        |       |       |       |        |             |        |      |
|--------|-------|-------|-------|--------|-------------|--------|------|
| Band41 | 10MHz | QPSK  | 40620 | 50RB#0 | 0.15~30     | -62.92 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 50RB#0 | 30~1000     | -62.01 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 50RB#0 | 1000~20000  | -37.19 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 50RB#0 | 20000~27000 | -31.53 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 50RB#0 | 0.009~0.15  | -70.75 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 50RB#0 | 0.15~30     | -61.68 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 50RB#0 | 30~1000     | -62.06 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 50RB#0 | 1000~20000  | -34.90 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 50RB#0 | 20000~27000 | -31.45 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 50RB#0 | 0.009~0.15  | -74.18 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 50RB#0 | 0.15~30     | -61.73 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 50RB#0 | 30~1000     | -61.87 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 50RB#0 | 1000~20000  | -37.95 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 50RB#0 | 20000~27000 | -31.45 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 50RB#0 | 0.009~0.15  | -73.99 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 50RB#0 | 0.15~30     | -62.20 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 50RB#0 | 30~1000     | -61.86 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 50RB#0 | 1000~20000  | -37.97 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 50RB#0 | 20000~27000 | -31.04 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 50RB#0 | 0.009~0.15  | -73.97 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 50RB#0 | 0.15~30     | -62.11 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 50RB#0 | 30~1000     | -61.19 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 50RB#0 | 1000~20000  | -37.34 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 50RB#0 | 20000~27000 | -31.44 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 75RB#0 | 0.009~0.15  | -74.28 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 75RB#0 | 0.15~30     | -62.66 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 75RB#0 | 30~1000     | -61.78 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 75RB#0 | 1000~20000  | -37.55 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 75RB#0 | 20000~27000 | -31.33 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 75RB#0 | 0.009~0.15  | -73.89 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 75RB#0 | 0.15~30     | -58.79 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 75RB#0 | 30~1000     | -61.91 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 75RB#0 | 1000~20000  | -35.74 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 75RB#0 | 20000~27000 | -31.12 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 75RB#0 | 0.009~0.15  | -74.46 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 75RB#0 | 0.15~30     | -61.27 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 75RB#0 | 30~1000     | -62.02 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 75RB#0 | 1000~20000  | -34.73 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 75RB#0 | 20000~27000 | -31.37 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 75RB#0 | 0.009~0.15  | -72.37 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 75RB#0 | 0.15~30     | -61.27 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 75RB#0 | 30~1000     | -61.96 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 75RB#0 | 1000~20000  | -37.65 | PASS |

|        |       |       |       |         |             |        |      |
|--------|-------|-------|-------|---------|-------------|--------|------|
| Band41 | 15MHz | 16QAM | 39725 | 75RB#0  | 20000~27000 | -31.51 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 75RB#0  | 0.009~0.15  | -73.06 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 75RB#0  | 0.15~30     | -62.26 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 75RB#0  | 30~1000     | -61.94 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 75RB#0  | 1000~20000  | -37.45 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 75RB#0  | 20000~27000 | -30.99 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 75RB#0  | 0.009~0.15  | -71.31 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 75RB#0  | 0.15~30     | -61.44 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 75RB#0  | 30~1000     | -61.80 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 75RB#0  | 1000~20000  | -35.57 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 75RB#0  | 20000~27000 | -31.28 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 100RB#0 | 0.009~0.15  | -73.49 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 100RB#0 | 0.15~30     | -60.02 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 100RB#0 | 30~1000     | -62.01 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 100RB#0 | 1000~20000  | -37.75 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 100RB#0 | 20000~27000 | -31.44 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 100RB#0 | 0.009~0.15  | -71.14 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 100RB#0 | 0.15~30     | -62.45 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 100RB#0 | 30~1000     | -61.76 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 100RB#0 | 1000~20000  | -37.79 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 100RB#0 | 20000~27000 | -31.39 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 100RB#0 | 0.009~0.15  | -72.41 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 100RB#0 | 0.15~30     | -63.30 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 100RB#0 | 30~1000     | -61.86 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 100RB#0 | 1000~20000  | -37.51 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 100RB#0 | 20000~27000 | -31.47 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | 0.009~0.15  | -71.55 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | 0.15~30     | -61.66 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | 30~1000     | -61.90 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | 1000~20000  | -37.71 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | 20000~27000 | -31.13 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | 0.009~0.15  | -73.02 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | 0.15~30     | -60.87 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | 30~1000     | -61.87 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | 1000~20000  | -38.09 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | 20000~27000 | -30.99 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | 0.009~0.15  | -74.32 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | 0.15~30     | -61.08 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | 30~1000     | -61.86 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | 1000~20000  | -38.16 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | 20000~27000 | -31.34 | PASS |

## Test Graphs

