

# **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**

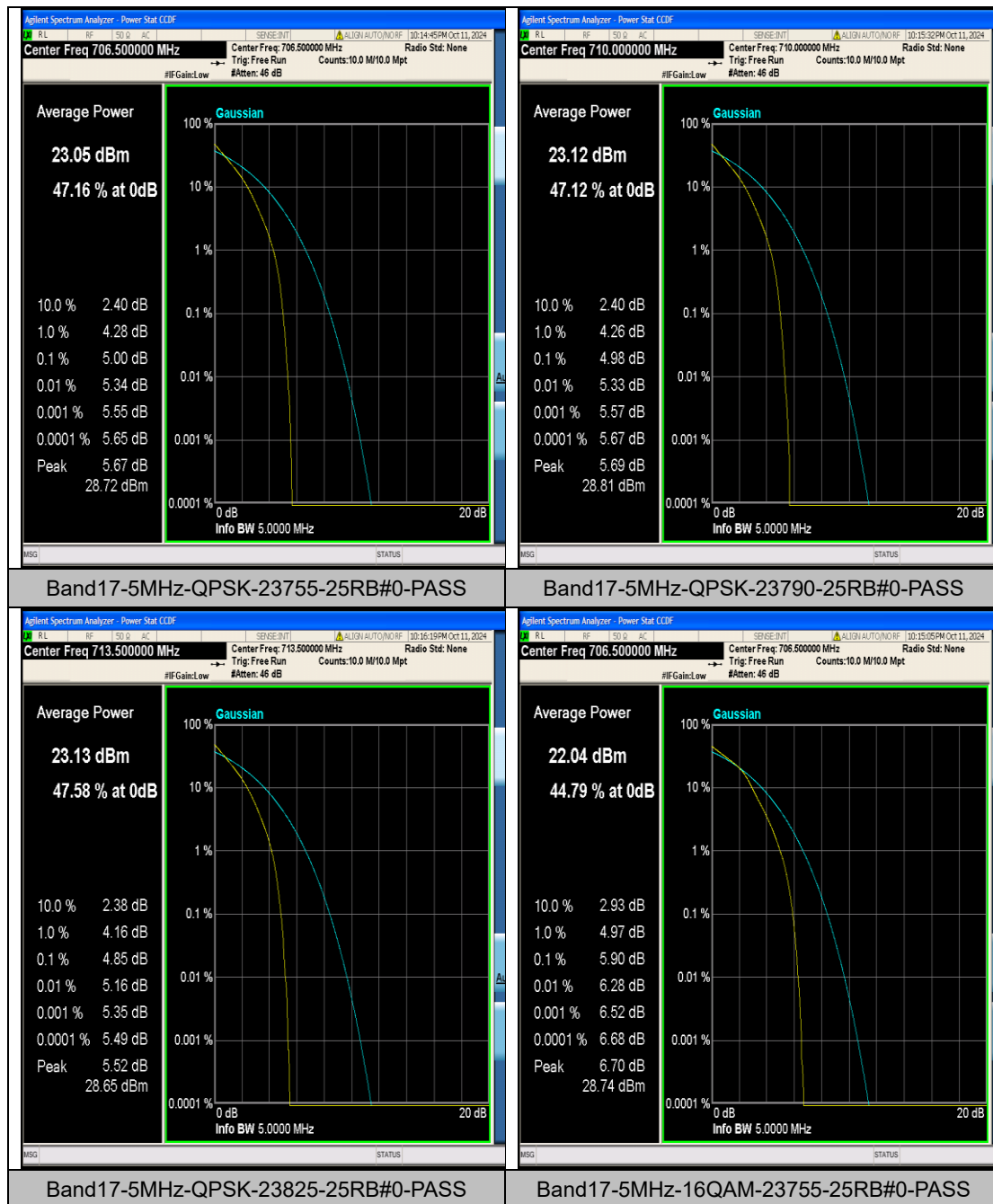
**Reviewed By : Eric Wang**

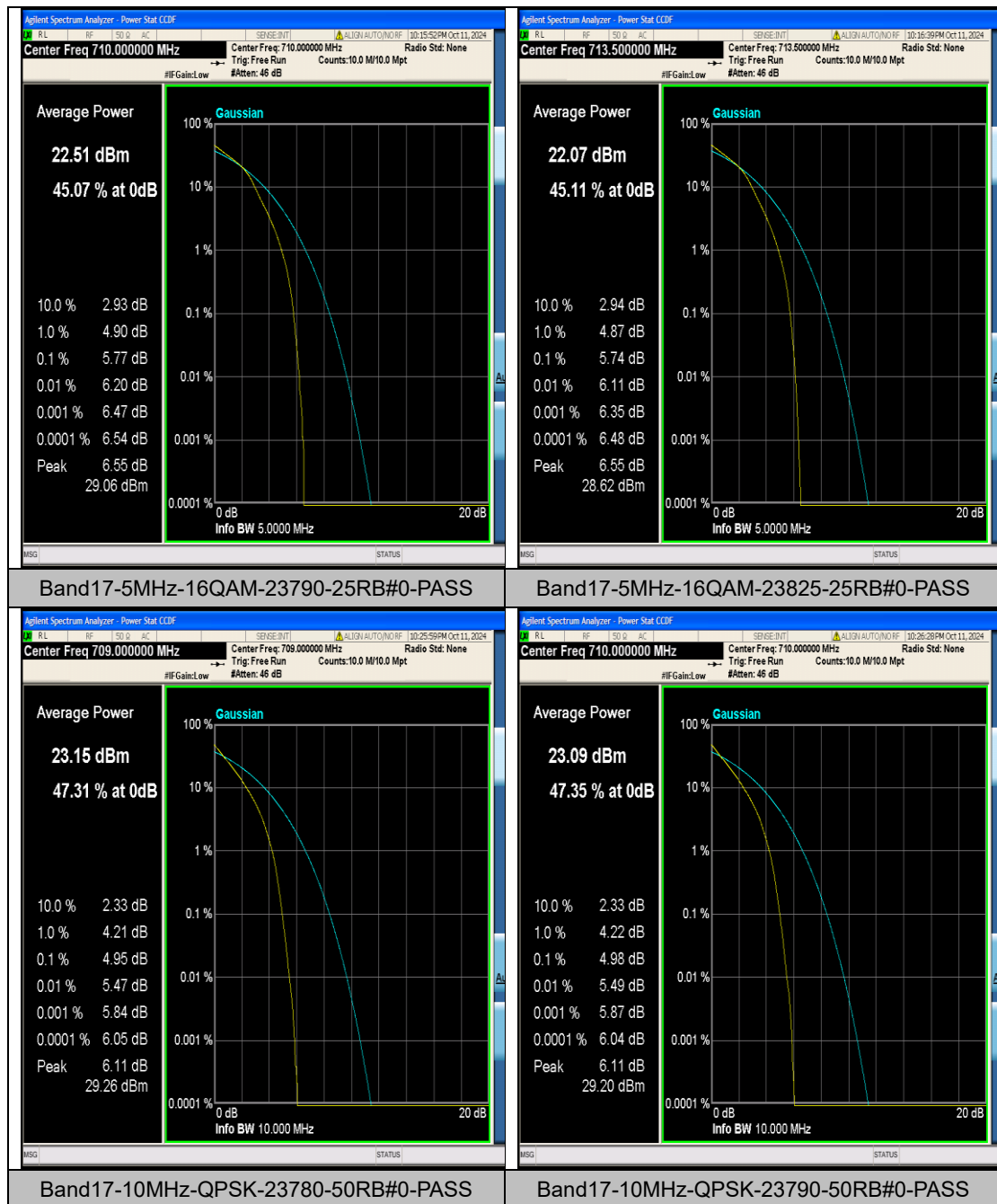
## Appendix B: Peak-to-Average Ratio(CCDF)

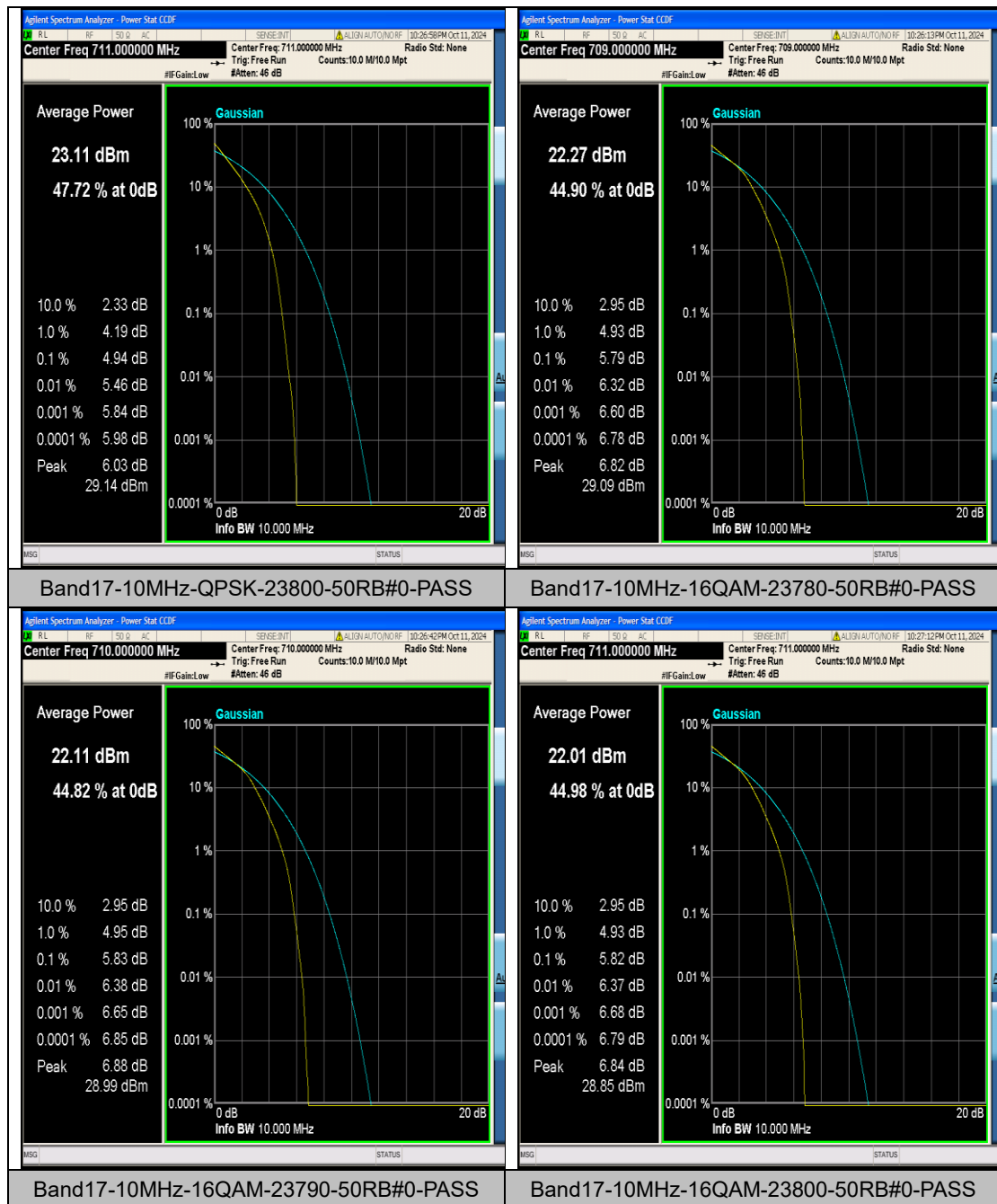
### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band17 | 5MHz      | QPSK       | 23755   | 25RB#0           | 5.00       | 13        | PASS    |
| Band17 | 5MHz      | QPSK       | 23790   | 25RB#0           | 4.98       | 13        | PASS    |
| Band17 | 5MHz      | QPSK       | 23825   | 25RB#0           | 4.85       | 13        | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 25RB#0           | 5.90       | 13        | PASS    |
| Band17 | 5MHz      | 16QAM      | 23790   | 25RB#0           | 5.77       | 13        | PASS    |
| Band17 | 5MHz      | 16QAM      | 23825   | 25RB#0           | 5.74       | 13        | PASS    |
| Band17 | 10MHz     | QPSK       | 23780   | 50RB#0           | 4.95       | 13        | PASS    |
| Band17 | 10MHz     | QPSK       | 23790   | 50RB#0           | 4.98       | 13        | PASS    |
| Band17 | 10MHz     | QPSK       | 23800   | 50RB#0           | 4.94       | 13        | PASS    |
| Band17 | 10MHz     | 16QAM      | 23780   | 50RB#0           | 5.79       | 13        | PASS    |
| Band17 | 10MHz     | 16QAM      | 23790   | 50RB#0           | 5.83       | 13        | PASS    |
| Band17 | 10MHz     | 16QAM      | 23800   | 50RB#0           | 5.82       | 13        | PASS    |

## Test Graphs





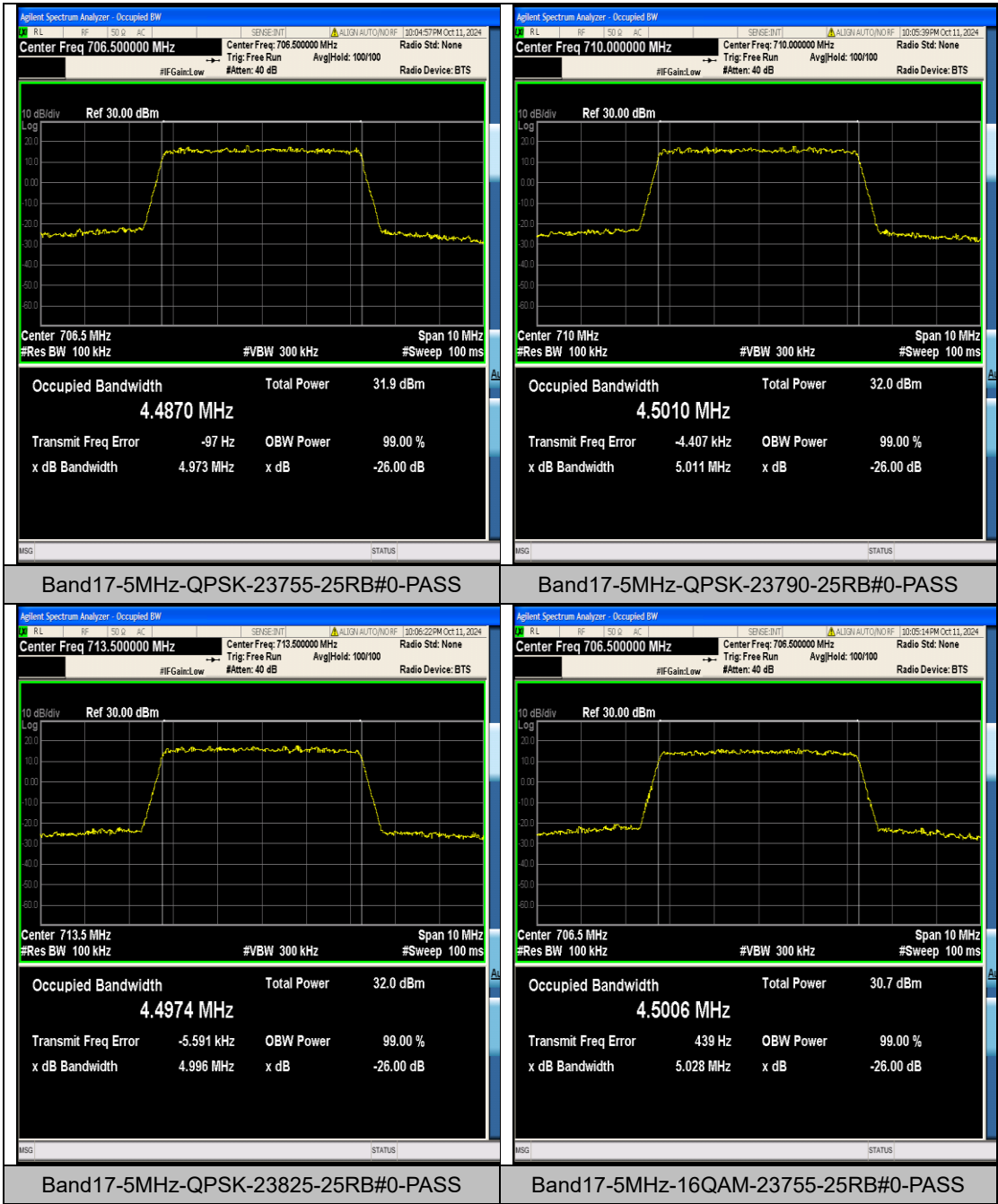


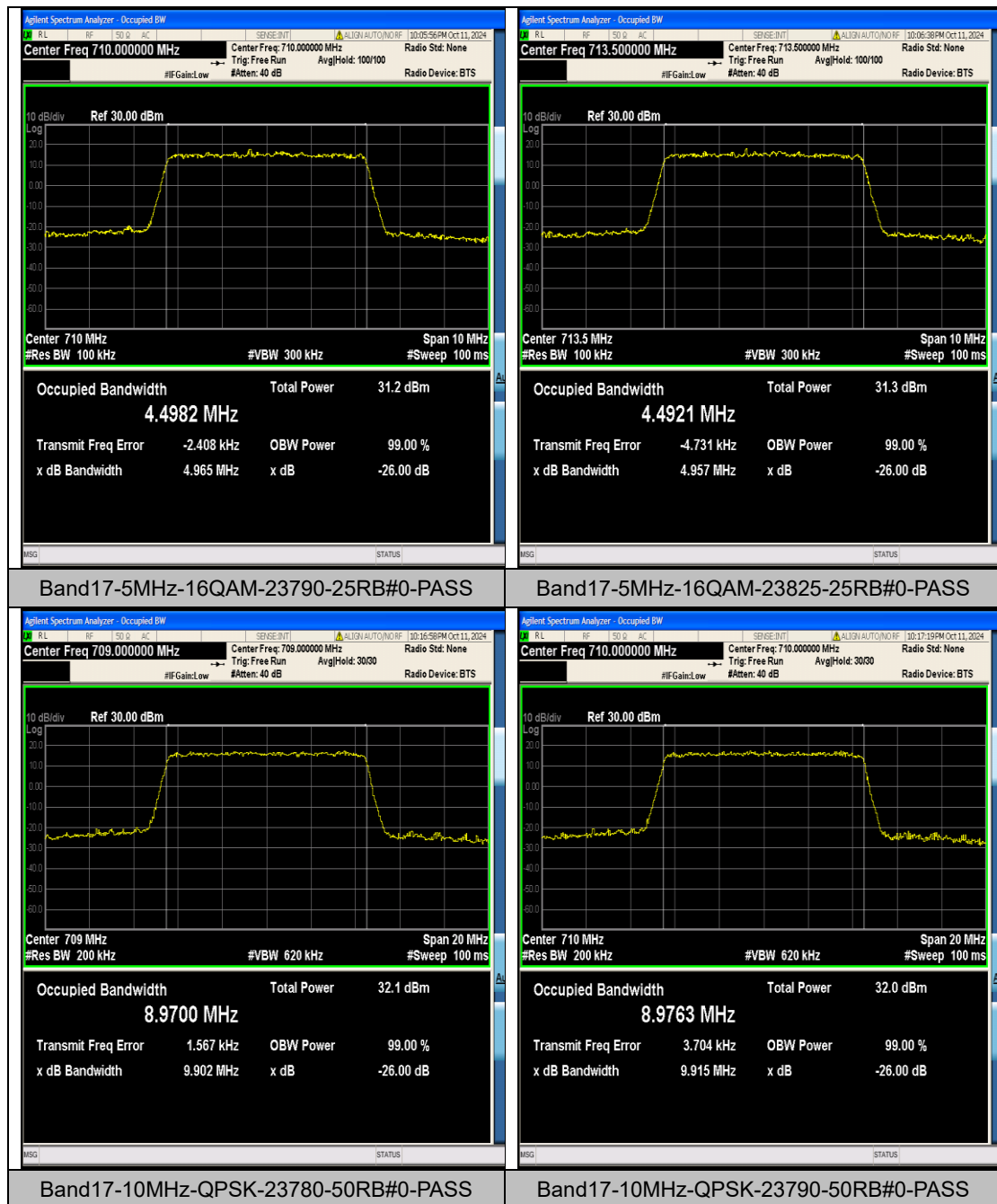
## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

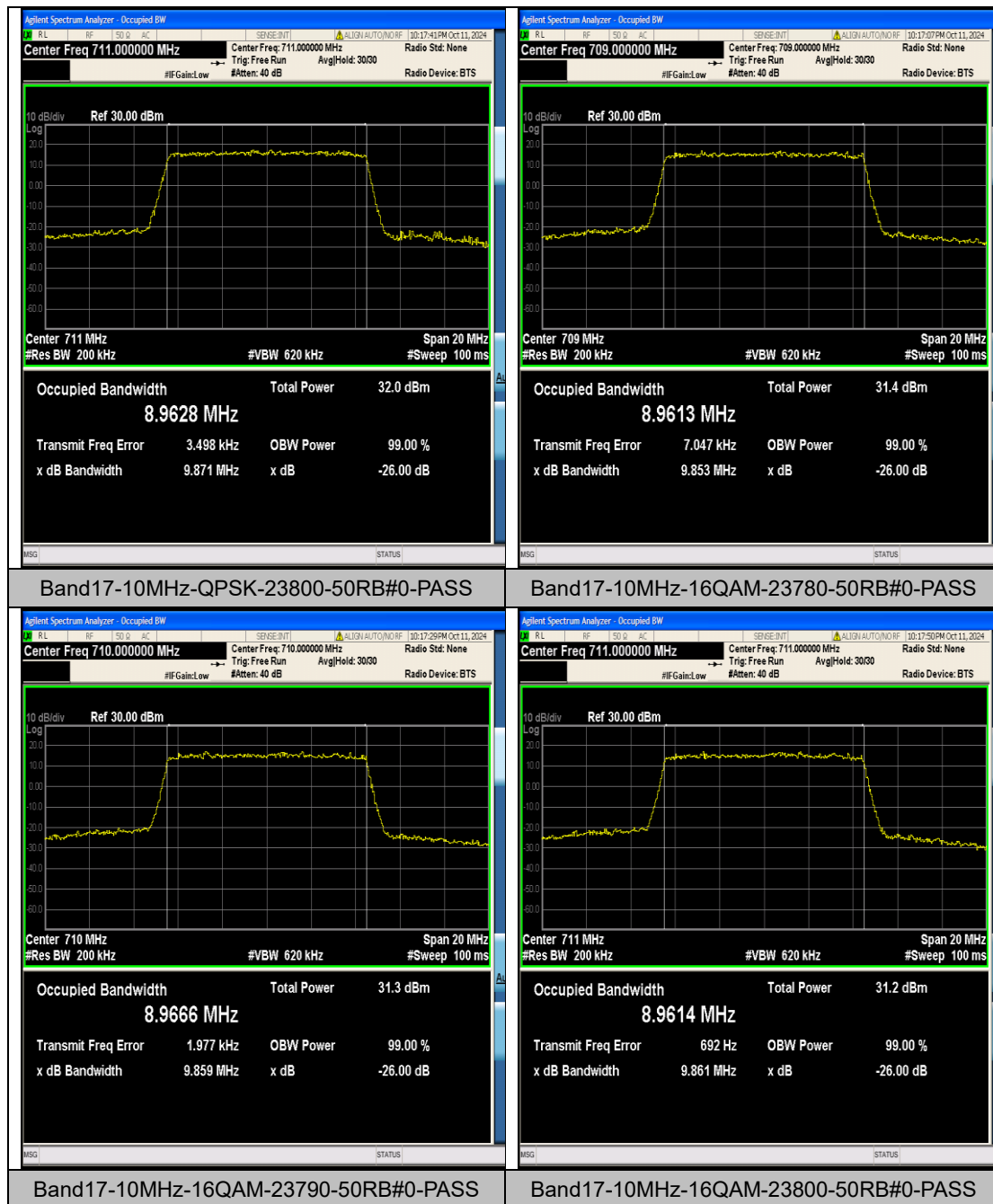
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band17 | 5MHz      | QPSK       | 23755   | 25RB#0           | 4.4870                   | 4.973                | PASS    |
| Band17 | 5MHz      | QPSK       | 23790   | 25RB#0           | 4.5010                   | 5.011                | PASS    |
| Band17 | 5MHz      | QPSK       | 23825   | 25RB#0           | 4.4974                   | 4.996                | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 25RB#0           | 4.5006                   | 5.028                | PASS    |
| Band17 | 5MHz      | 16QAM      | 23790   | 25RB#0           | 4.4982                   | 4.965                | PASS    |
| Band17 | 5MHz      | 16QAM      | 23825   | 25RB#0           | 4.4921                   | 4.957                | PASS    |
| Band17 | 10MHz     | QPSK       | 23780   | 50RB#0           | 8.9700                   | 9.902                | PASS    |
| Band17 | 10MHz     | QPSK       | 23790   | 50RB#0           | 8.9763                   | 9.915                | PASS    |
| Band17 | 10MHz     | QPSK       | 23800   | 50RB#0           | 8.9628                   | 9.871                | PASS    |
| Band17 | 10MHz     | 16QAM      | 23780   | 50RB#0           | 8.9613                   | 9.853                | PASS    |
| Band17 | 10MHz     | 16QAM      | 23790   | 50RB#0           | 8.9666                   | 9.859                | PASS    |
| Band17 | 10MHz     | 16QAM      | 23800   | 50RB#0           | 8.9614                   | 9.861                | PASS    |

Test Graphs







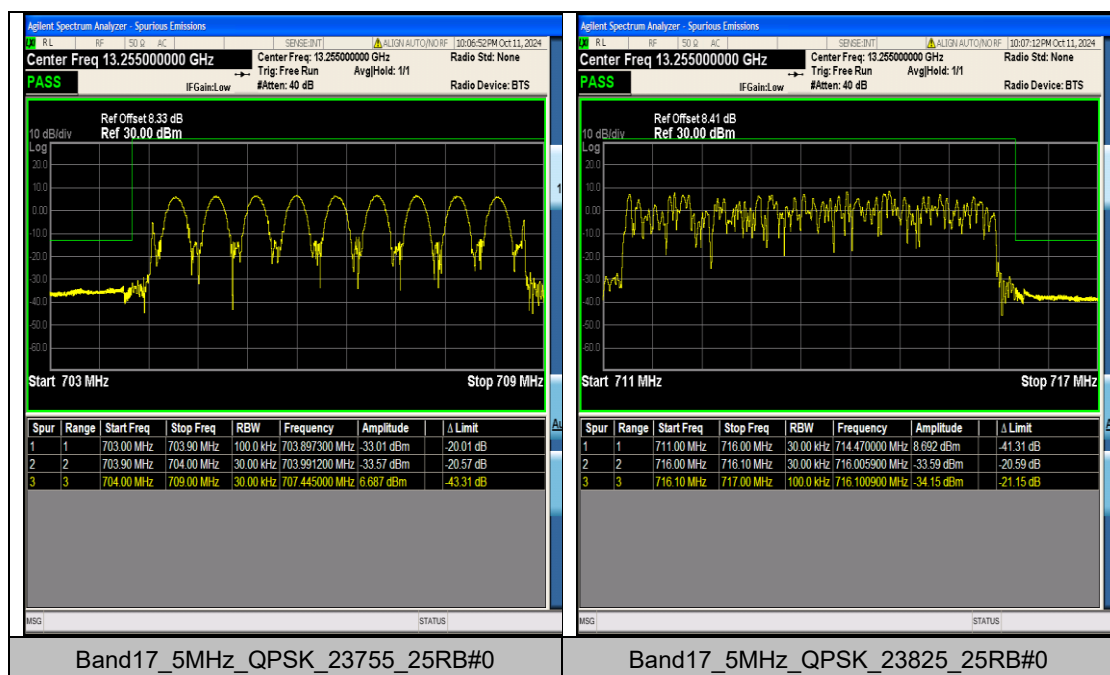


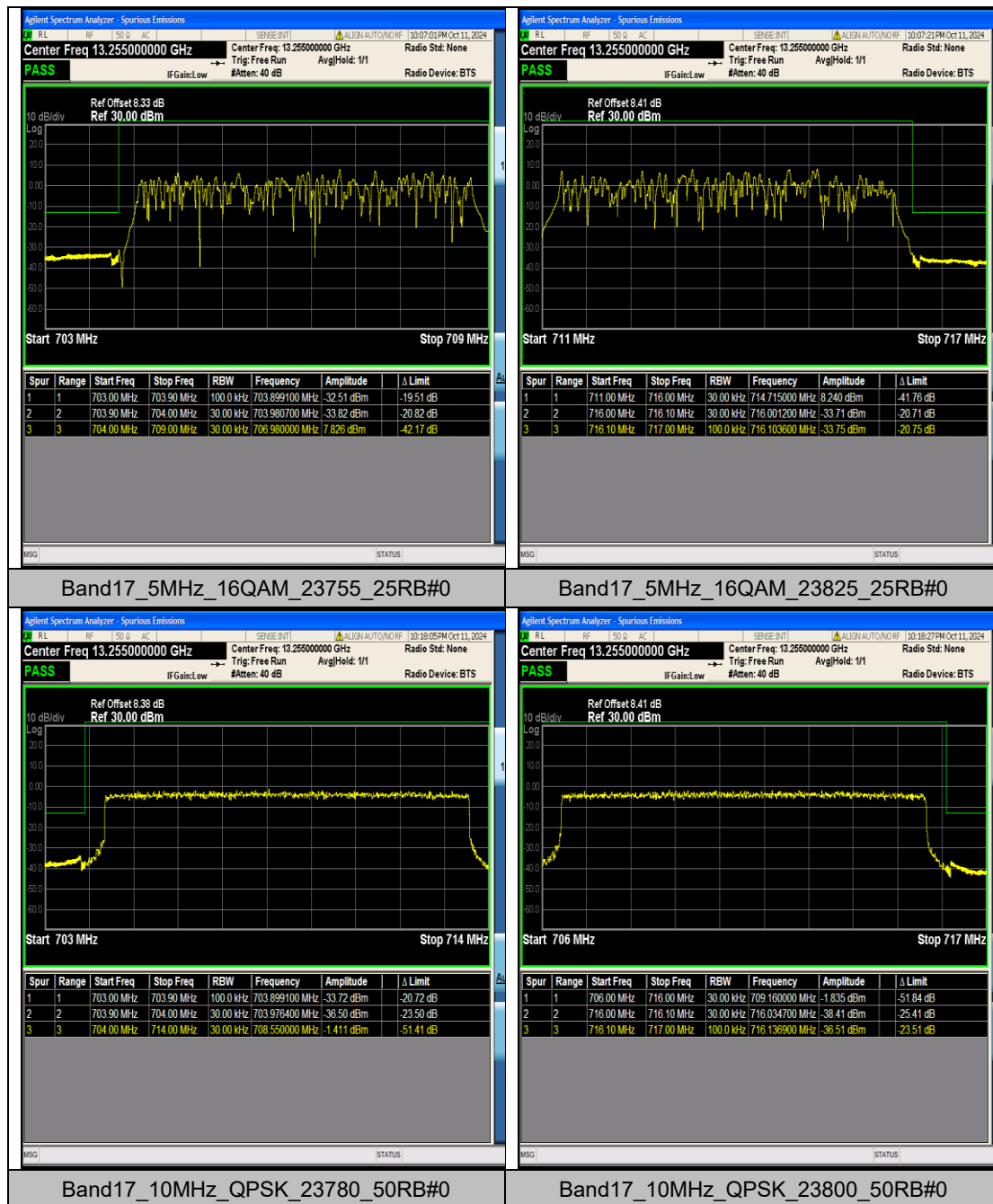
## Appendix D: Band Edge

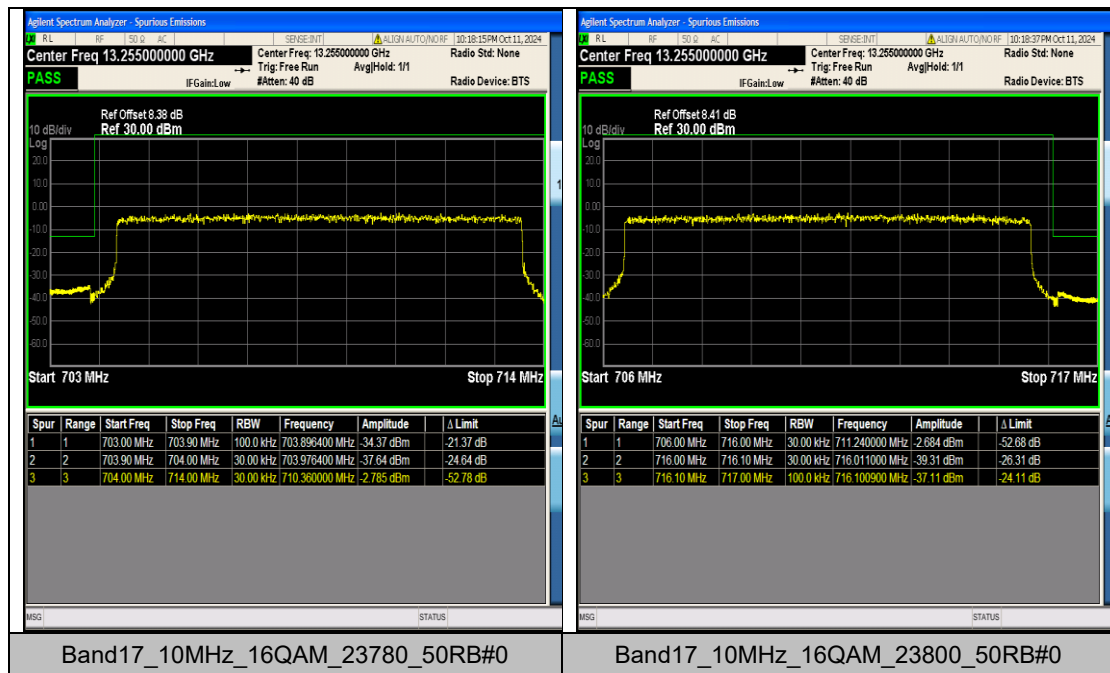
### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band17 | 5MHz      | QPSK       | 23755   | 25RB#0           | -33.01      | PASS    |
| Band17 | 5MHz      | QPSK       | 23825   | 25RB#0           | -33.59      | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 25RB#0           | -32.51      | PASS    |
| Band17 | 5MHz      | 16QAM      | 23825   | 25RB#0           | -33.71      | PASS    |
| Band17 | 10MHz     | QPSK       | 23780   | 50RB#0           | -33.72      | PASS    |
| Band17 | 10MHz     | QPSK       | 23800   | 50RB#0           | -36.51      | PASS    |
| Band17 | 10MHz     | 16QAM      | 23780   | 50RB#0           | -34.37      | PASS    |
| Band17 | 10MHz     | 16QAM      | 23800   | 50RB#0           | -37.11      | PASS    |

### Test Graphs







## Appendix E: Conducted Spurious Emission

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Result (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-----------------|--------------|---------|
| Band17 | 5MHz      | QPSK       | 23755   | 25RB#0           | 0.009~0.15      | -49.90       | PASS    |
| Band17 | 5MHz      | QPSK       | 23755   | 25RB#0           | 0.15~30         | -51.99       | PASS    |
| Band17 | 5MHz      | QPSK       | 23755   | 25RB#0           | 30~1000         | -54.69       | PASS    |
| Band17 | 5MHz      | QPSK       | 23755   | 25RB#0           | 1000~3000       | -46.31       | PASS    |
| Band17 | 5MHz      | QPSK       | 23755   | 25RB#0           | 3000~10000      | -43.30       | PASS    |
| Band17 | 5MHz      | QPSK       | 23790   | 25RB#0           | 0.009~0.15      | -48.20       | PASS    |
| Band17 | 5MHz      | QPSK       | 23790   | 25RB#0           | 0.15~30         | -55.22       | PASS    |
| Band17 | 5MHz      | QPSK       | 23790   | 25RB#0           | 30~1000         | -54.25       | PASS    |
| Band17 | 5MHz      | QPSK       | 23790   | 25RB#0           | 1000~3000       | -46.29       | PASS    |
| Band17 | 5MHz      | QPSK       | 23790   | 25RB#0           | 3000~10000      | -43.17       | PASS    |
| Band17 | 5MHz      | QPSK       | 23825   | 25RB#0           | 0.009~0.15      | -48.97       | PASS    |
| Band17 | 5MHz      | QPSK       | 23825   | 25RB#0           | 0.15~30         | -53.41       | PASS    |
| Band17 | 5MHz      | QPSK       | 23825   | 25RB#0           | 30~1000         | -53.37       | PASS    |
| Band17 | 5MHz      | QPSK       | 23825   | 25RB#0           | 1000~3000       | -46.73       | PASS    |
| Band17 | 5MHz      | QPSK       | 23825   | 25RB#0           | 3000~10000      | -43.55       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 25RB#0           | 0.009~0.15      | -47.73       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 25RB#0           | 0.15~30         | -54.83       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 25RB#0           | 30~1000         | -56.62       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 25RB#0           | 1000~3000       | -46.05       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 25RB#0           | 3000~10000      | -42.95       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23790   | 25RB#0           | 0.009~0.15      | -47.09       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23790   | 25RB#0           | 0.15~30         | -54.17       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23790   | 25RB#0           | 30~1000         | -55.75       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23790   | 25RB#0           | 1000~3000       | -46.60       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23790   | 25RB#0           | 3000~10000      | -43.53       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23825   | 25RB#0           | 0.009~0.15      | -46.10       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23825   | 25RB#0           | 0.15~30         | -52.59       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23825   | 25RB#0           | 30~1000         | -54.36       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23825   | 25RB#0           | 1000~3000       | -46.79       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23825   | 25RB#0           | 3000~10000      | -43.00       | PASS    |
| Band17 | 10MHz     | QPSK       | 23780   | 50RB#0           | 0.009~0.15      | -46.17       | PASS    |
| Band17 | 10MHz     | QPSK       | 23780   | 50RB#0           | 0.15~30         | -53.51       | PASS    |
| Band17 | 10MHz     | QPSK       | 23780   | 50RB#0           | 30~1000         | -61.66       | PASS    |
| Band17 | 10MHz     | QPSK       | 23780   | 50RB#0           | 1000~3000       | -46.36       | PASS    |
| Band17 | 10MHz     | QPSK       | 23780   | 50RB#0           | 3000~10000      | -43.70       | PASS    |
| Band17 | 10MHz     | QPSK       | 23790   | 50RB#0           | 0.009~0.15      | -46.88       | PASS    |

|        |       |       |       |        |            |        |      |
|--------|-------|-------|-------|--------|------------|--------|------|
| Band17 | 10MHz | QPSK  | 23790 | 50RB#0 | 0.15~30    | -53.68 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 50RB#0 | 30~1000    | -61.98 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 50RB#0 | 1000~3000  | -46.12 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 50RB#0 | 3000~10000 | -43.47 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 50RB#0 | 0.009~0.15 | -47.78 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 50RB#0 | 0.15~30    | -55.07 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 50RB#0 | 30~1000    | -61.76 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 50RB#0 | 1000~3000  | -46.49 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 50RB#0 | 3000~10000 | -43.56 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | 0.009~0.15 | -50.09 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | 0.15~30    | -53.52 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | 30~1000    | -61.81 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | 1000~3000  | -46.81 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | 3000~10000 | -43.62 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | 0.009~0.15 | -45.16 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | 0.15~30    | -53.51 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | 30~1000    | -61.54 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | 1000~3000  | -46.73 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | 3000~10000 | -43.60 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | 0.009~0.15 | -47.67 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | 0.15~30    | -53.30 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | 30~1000    | -61.91 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | 1000~3000  | -46.98 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | 3000~10000 | -42.99 | PASS |

## Test Graphs

