

# FCC LTE Band Test Data

**FCC ID** : 2BE8S-C25

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

**EUT** : mobile phone

**Model Number** : C25

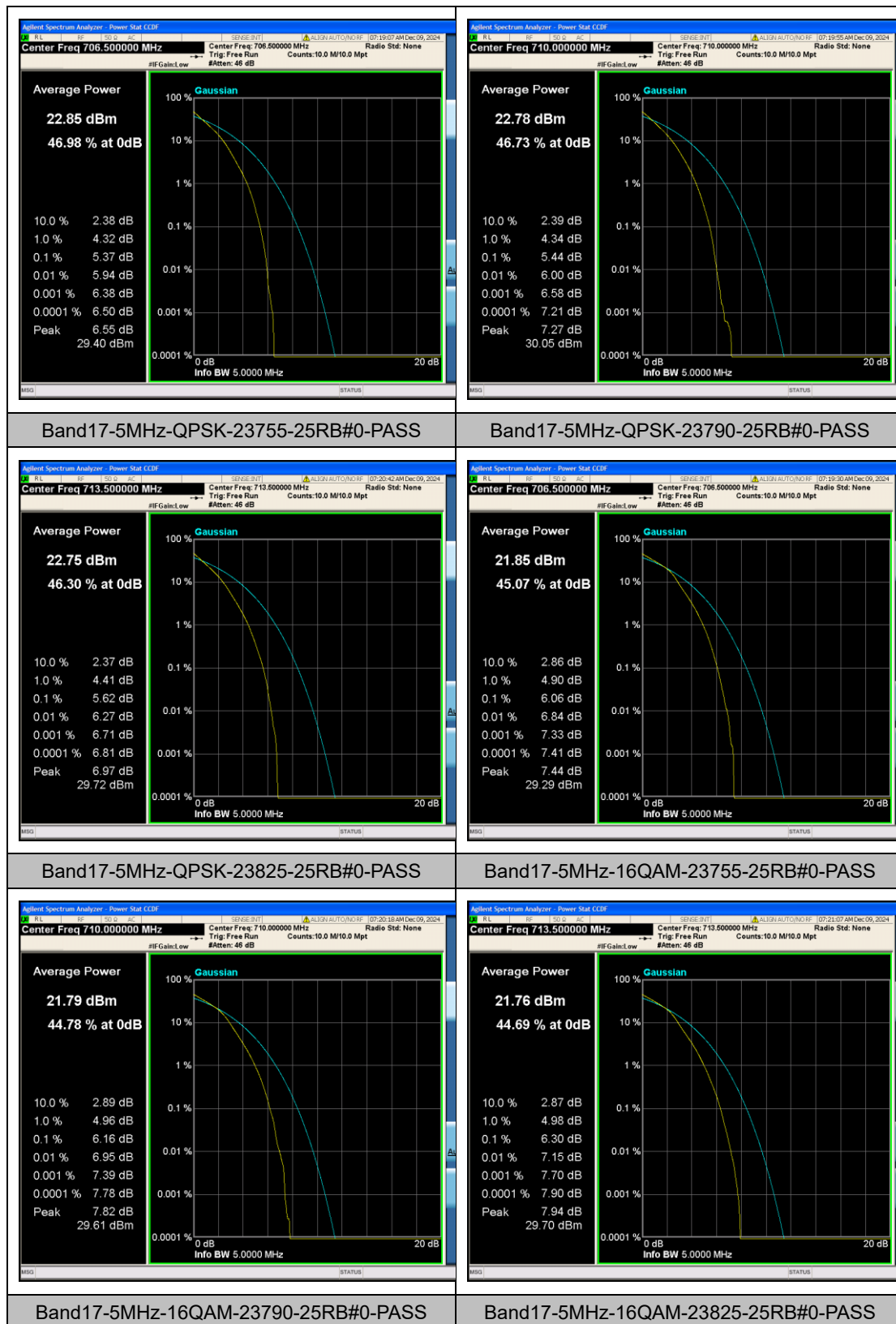
**Reviewed By** : Eric Wang

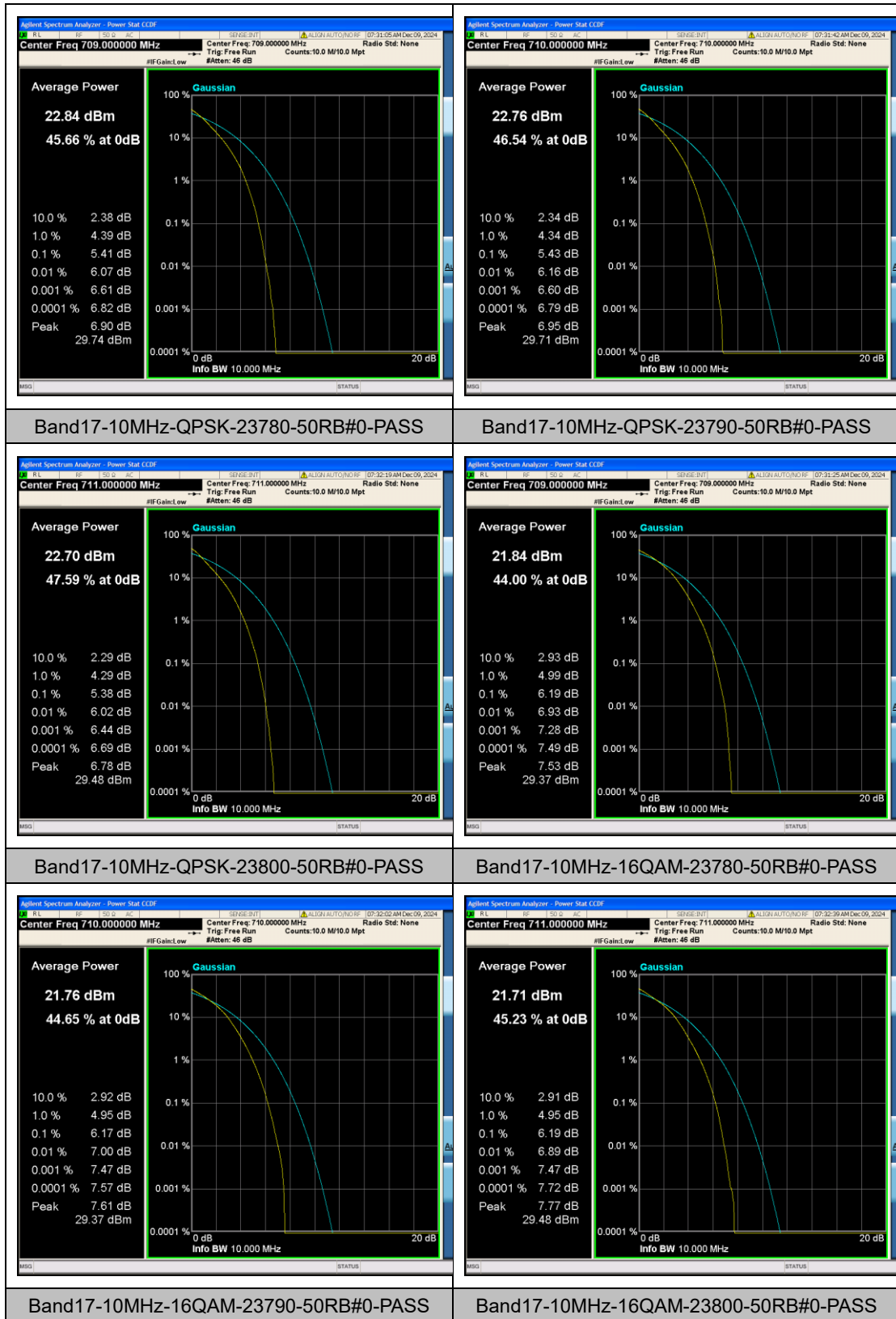
## AppendixB:Peak-to-AverageRatio(CCDF)

### TestResult

| Band   | Bandwidth | Modulation | Channel | RBConfiguration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|-----------------|------------|-----------|---------|
| Band17 | 5MHz      | QPSK       | 23755   | 25RB#0          | 5.37       | 13        | PASS    |
| Band17 | 5MHz      | QPSK       | 23790   | 25RB#0          | 5.44       | 13        | PASS    |
| Band17 | 5MHz      | QPSK       | 23825   | 25RB#0          | 5.62       | 13        | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 25RB#0          | 6.06       | 13        | PASS    |
| Band17 | 5MHz      | 16QAM      | 23790   | 25RB#0          | 6.16       | 13        | PASS    |
| Band17 | 5MHz      | 16QAM      | 23825   | 25RB#0          | 6.30       | 13        | PASS    |
| Band17 | 10MHz     | QPSK       | 23780   | 50RB#0          | 5.41       | 13        | PASS    |
| Band17 | 10MHz     | QPSK       | 23790   | 50RB#0          | 5.43       | 13        | PASS    |
| Band17 | 10MHz     | QPSK       | 23800   | 50RB#0          | 5.38       | 13        | PASS    |
| Band17 | 10MHz     | 16QAM      | 23780   | 50RB#0          | 6.19       | 13        | PASS    |
| Band17 | 10MHz     | 16QAM      | 23790   | 50RB#0          | 6.17       | 13        | PASS    |
| Band17 | 10MHz     | 16QAM      | 23800   | 50RB#0          | 6.19       | 13        | PASS    |

## TestGraphs



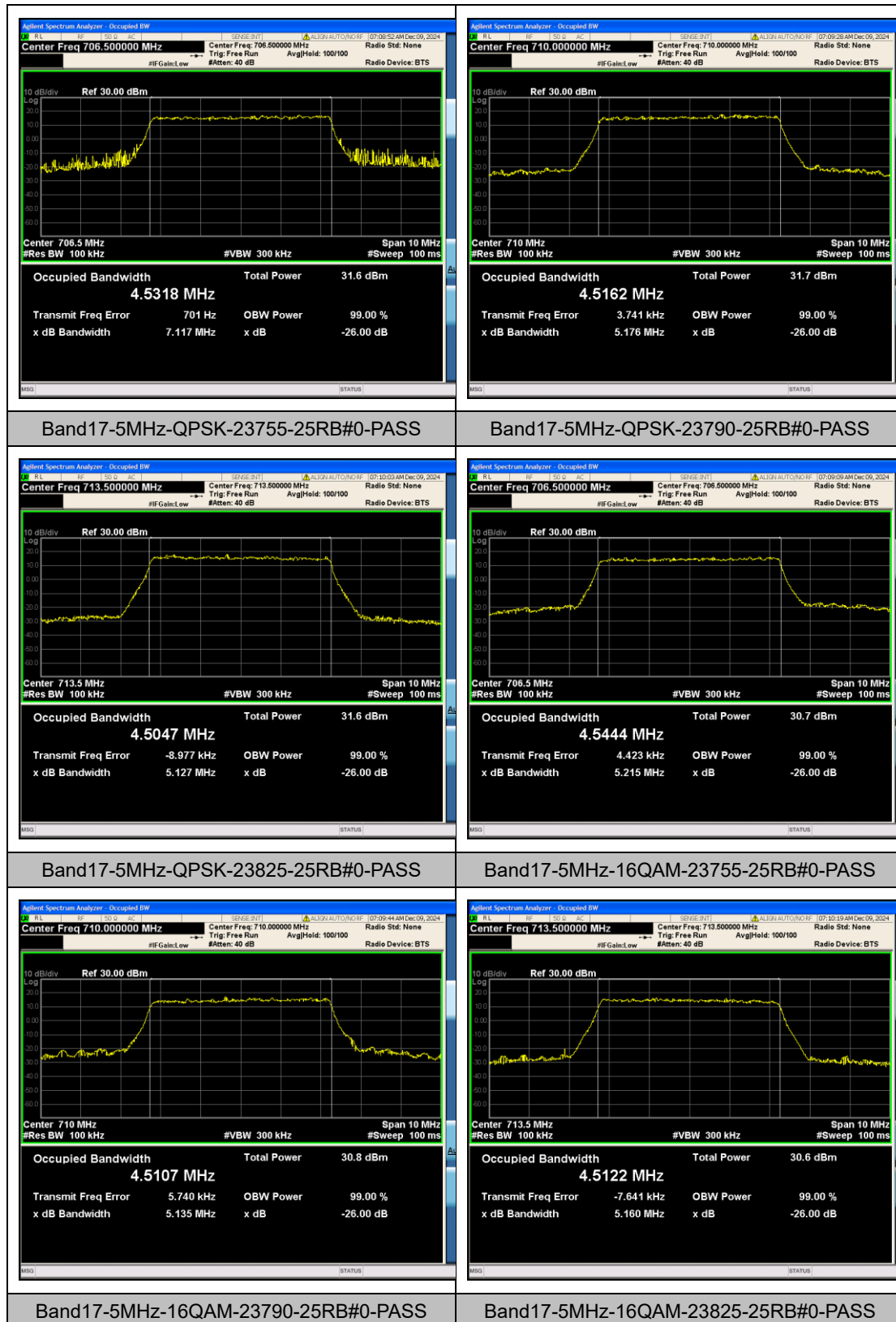


## AppendixC:26dBBandwidthandOccupiedBandwidth

### TestResult

| Band   | Bandwidth | Modulation | Channel | RBConfiguration | OccupiedBandwidth<br>(MHz) | 26dBBandwidth<br>(MHz) | Verdict |
|--------|-----------|------------|---------|-----------------|----------------------------|------------------------|---------|
| Band17 | 5MHz      | QPSK       | 23755   | 25RB#0          | 4.5318                     | 7.117                  | PASS    |
| Band17 | 5MHz      | QPSK       | 23790   | 25RB#0          | 4.5162                     | 5.176                  | PASS    |
| Band17 | 5MHz      | QPSK       | 23825   | 25RB#0          | 4.5047                     | 5.127                  | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 25RB#0          | 4.5444                     | 5.215                  | PASS    |
| Band17 | 5MHz      | 16QAM      | 23790   | 25RB#0          | 4.5107                     | 5.135                  | PASS    |
| Band17 | 5MHz      | 16QAM      | 23825   | 25RB#0          | 4.5122                     | 5.160                  | PASS    |
| Band17 | 10MHz     | QPSK       | 23780   | 50RB#0          | 8.9900                     | 10.09                  | PASS    |
| Band17 | 10MHz     | QPSK       | 23790   | 50RB#0          | 8.9859                     | 10.00                  | PASS    |
| Band17 | 10MHz     | QPSK       | 23800   | 50RB#0          | 8.9433                     | 10.26                  | PASS    |
| Band17 | 10MHz     | 16QAM      | 23780   | 50RB#0          | 8.9970                     | 9.970                  | PASS    |
| Band17 | 10MHz     | 16QAM      | 23790   | 50RB#0          | 8.9799                     | 10.00                  | PASS    |
| Band17 | 10MHz     | 16QAM      | 23800   | 50RB#0          | 8.9685                     | 9.925                  | PASS    |

## TestGraphs



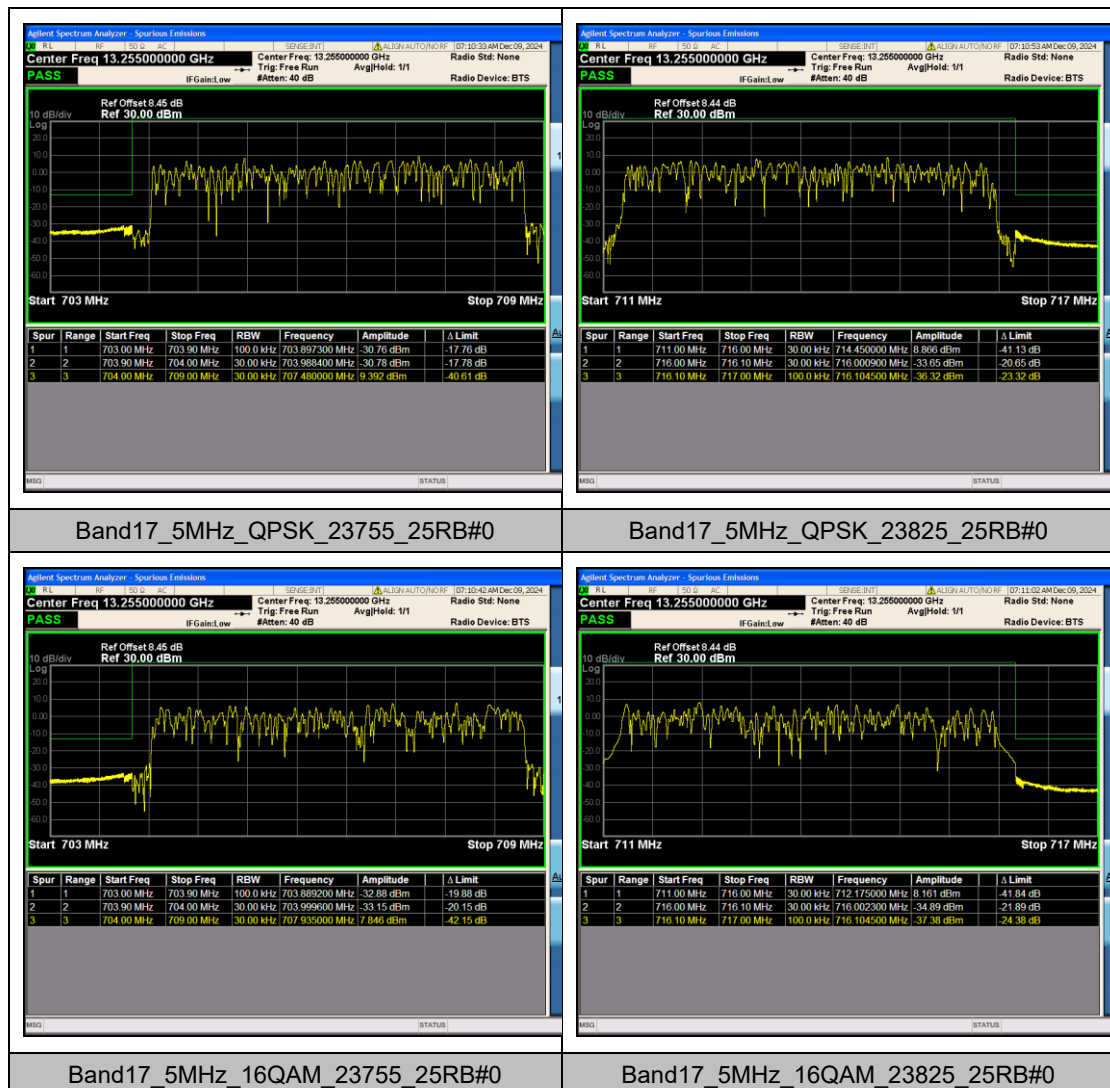


## AppendixD:BandEdge

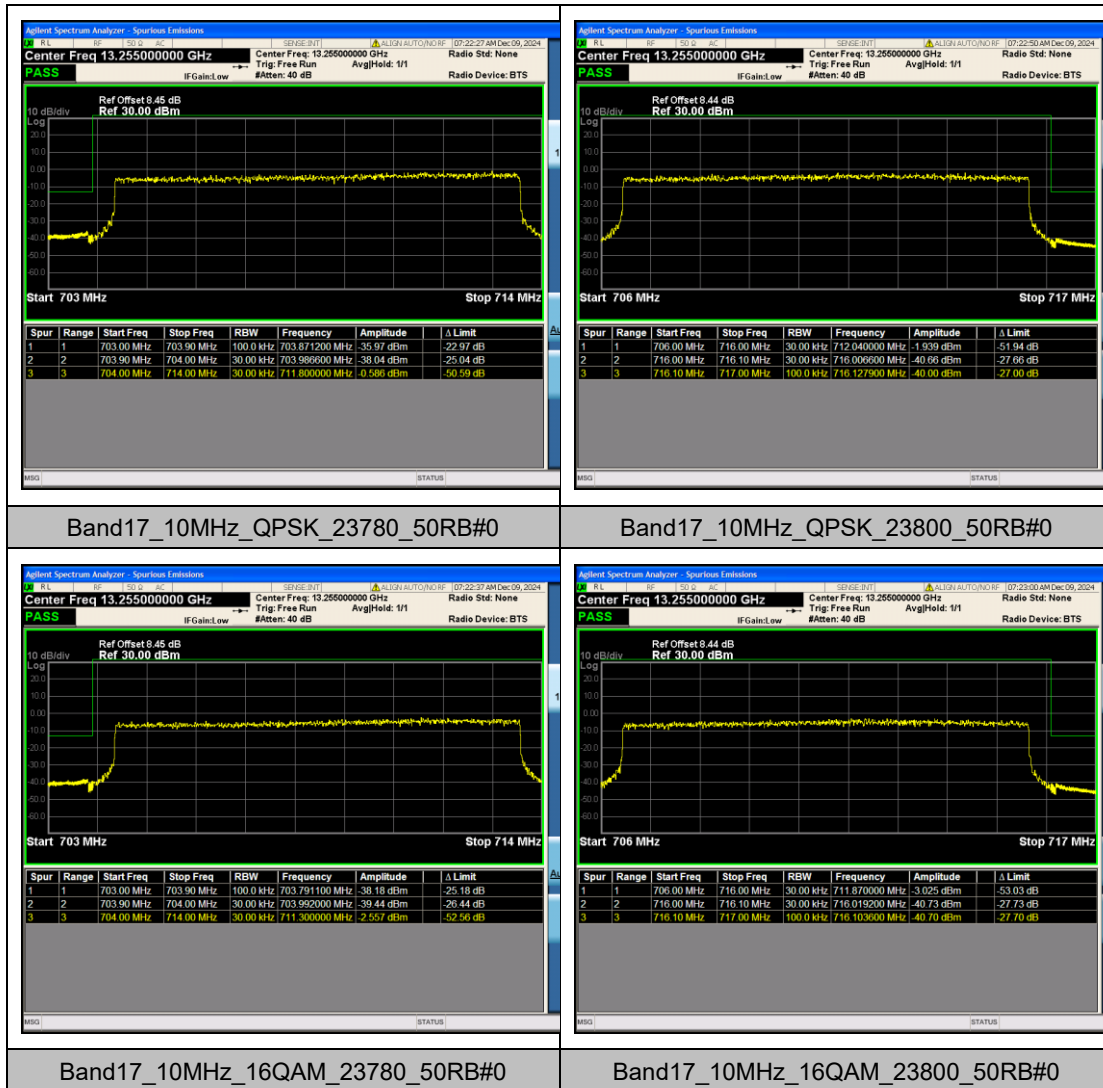
### TestResult

| Band   | Bandwidth | Modulation | Channel | RBConfiguration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|-----------------|-------------|---------|
| Band17 | 5MHz      | QPSK       | 23755   | 25RB#0          | -30.76      | PASS    |
| Band17 | 5MHz      | QPSK       | 23825   | 25RB#0          | -33.65      | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 25RB#0          | -32.88      | PASS    |
| Band17 | 5MHz      | 16QAM      | 23825   | 25RB#0          | -34.89      | PASS    |
| Band17 | 10MHz     | QPSK       | 23780   | 50RB#0          | -35.97      | PASS    |
| Band17 | 10MHz     | QPSK       | 23800   | 50RB#0          | -40.00      | PASS    |
| Band17 | 10MHz     | 16QAM      | 23780   | 50RB#0          | -38.18      | PASS    |
| Band17 | 10MHz     | 16QAM      | 23800   | 50RB#0          | -40.70      | PASS    |

### TestGraphs







## AppendixE:ConductedSpuriousEmission

### TestResult

| Band   | Bandwidth | Modulation | Channel | RBConfiguration | Frequency Range | Result (dBm) | Verdict |
|--------|-----------|------------|---------|-----------------|-----------------|--------------|---------|
| Band17 | 5MHz      | QPSK       | 23755   | 25RB#0          | 0.009~0.15      | -44.37       | PASS    |
| Band17 | 5MHz      | QPSK       | 23755   | 25RB#0          | 0.15~30         | -47.69       | PASS    |
| Band17 | 5MHz      | QPSK       | 23755   | 25RB#0          | 30~1000         | -52.97       | PASS    |
| Band17 | 5MHz      | QPSK       | 23755   | 25RB#0          | 1000~3000       | -46.52       | PASS    |
| Band17 | 5MHz      | QPSK       | 23755   | 25RB#0          | 3000~10000      | -43.29       | PASS    |
| Band17 | 5MHz      | QPSK       | 23790   | 25RB#0          | 0.009~0.15      | -42.86       | PASS    |
| Band17 | 5MHz      | QPSK       | 23790   | 25RB#0          | 0.15~30         | -47.02       | PASS    |
| Band17 | 5MHz      | QPSK       | 23790   | 25RB#0          | 30~1000         | -52.30       | PASS    |
| Band17 | 5MHz      | QPSK       | 23790   | 25RB#0          | 1000~3000       | -46.44       | PASS    |
| Band17 | 5MHz      | QPSK       | 23790   | 25RB#0          | 3000~10000      | -43.28       | PASS    |
| Band17 | 5MHz      | QPSK       | 23825   | 25RB#0          | 0.009~0.15      | -40.87       | PASS    |
| Band17 | 5MHz      | QPSK       | 23825   | 25RB#0          | 0.15~30         | -47.42       | PASS    |
| Band17 | 5MHz      | QPSK       | 23825   | 25RB#0          | 30~1000         | -55.05       | PASS    |
| Band17 | 5MHz      | QPSK       | 23825   | 25RB#0          | 1000~3000       | -46.61       | PASS    |
| Band17 | 5MHz      | QPSK       | 23825   | 25RB#0          | 3000~10000      | -43.36       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 25RB#0          | 0.009~0.15      | -39.94       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 25RB#0          | 0.15~30         | -46.89       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 25RB#0          | 30~1000         | -54.91       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 25RB#0          | 1000~3000       | -46.86       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 25RB#0          | 3000~10000      | -43.26       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23790   | 25RB#0          | 0.009~0.15      | -39.90       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23790   | 25RB#0          | 0.15~30         | -47.36       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23790   | 25RB#0          | 30~1000         | -53.75       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23790   | 25RB#0          | 1000~3000       | -46.41       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23790   | 25RB#0          | 3000~10000      | -43.44       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23825   | 25RB#0          | 0.009~0.15      | -40.47       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23825   | 25RB#0          | 0.15~30         | -47.71       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23825   | 25RB#0          | 30~1000         | -56.83       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23825   | 25RB#0          | 1000~3000       | -46.75       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23825   | 25RB#0          | 3000~10000      | -43.80       | PASS    |
| Band17 | 10MHz     | QPSK       | 23780   | 50RB#0          | 0.009~0.15      | -41.31       | PASS    |
| Band17 | 10MHz     | QPSK       | 23780   | 50RB#0          | 0.15~30         | -46.74       | PASS    |
| Band17 | 10MHz     | QPSK       | 23780   | 50RB#0          | 30~1000         | -61.79       | PASS    |
| Band17 | 10MHz     | QPSK       | 23780   | 50RB#0          | 1000~3000       | -46.83       | PASS    |
| Band17 | 10MHz     | QPSK       | 23780   | 50RB#0          | 3000~10000      | -43.31       | PASS    |
| Band17 | 10MHz     | QPSK       | 23790   | 50RB#0          | 0.009~0.15      | -42.83       | PASS    |

|        |       |       |       |        |            |        |      |
|--------|-------|-------|-------|--------|------------|--------|------|
| Band17 | 10MHz | QPSK  | 23790 | 50RB#0 | 0.15~30    | -47.79 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 50RB#0 | 30~1000    | -61.65 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 50RB#0 | 1000~3000  | -46.76 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 50RB#0 | 3000~10000 | -43.56 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 50RB#0 | 0.009~0.15 | -39.48 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 50RB#0 | 0.15~30    | -46.95 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 50RB#0 | 30~1000    | -61.58 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 50RB#0 | 1000~3000  | -46.51 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 50RB#0 | 3000~10000 | -43.44 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | 0.009~0.15 | -42.03 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | 0.15~30    | -47.67 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | 30~1000    | -61.66 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | 1000~3000  | -47.04 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | 3000~10000 | -43.67 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | 0.009~0.15 | -42.69 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | 0.15~30    | -46.72 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | 30~1000    | -61.52 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | 1000~3000  | -46.69 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | 3000~10000 | -43.51 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | 0.009~0.15 | -39.97 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | 0.15~30    | -47.60 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | 30~1000    | -61.56 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | 1000~3000  | -46.87 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | 3000~10000 | -43.22 | PASS |

## TestGraphs

