

## 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 |
|-------|-----------|------------|---------|------------------|-------------|------------|-------------|------------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | 23.18       | 3          | 26.18       | 33         | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | 22.11       | 3          | 25.11       | 33         | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#12           | 23.09       | 3          | 26.09       | 33         | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#12           | 21.74       | 3          | 24.74       | 33         | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#24           | 23.19       | 3          | 26.19       | 33         | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#24           | 21.74       | 3          | 24.74       | 33         | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0           | 22.17       | 3          | 25.17       | 33         | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0           | 21.24       | 3          | 24.24       | 33         | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | 23.35       | 3          | 26.35       | 33         | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#0            | 22.18       | 3          | 25.18       | 33         | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#12           | 23.35       | 3          | 26.35       | 33         | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#12           | 22.15       | 3          | 25.15       | 33         | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#24           | 23.22       | 3          | 26.22       | 33         | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#24           | 22.33       | 3          | 25.33       | 33         | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#0           | 22.26       | 3          | 25.26       | 33         | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 25RB#0           | 21.18       | 3          | 24.18       | 33         | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | 23.14       | 3          | 26.14       | 33         | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#0            | 22.19       | 3          | 25.19       | 33         | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#12           | 23.27       | 3          | 26.27       | 33         | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#12           | 22.28       | 3          | 25.28       | 33         | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#24           | 23.28       | 3          | 26.28       | 33         | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#24           | 22.19       | 3          | 25.19       | 33         | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0           | 22.39       | 3          | 25.39       | 33         | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 25RB#0           | 21.41       | 3          | 24.41       | 33         | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 1RB#0            | 23.05       | 3          | 26.05       | 33         | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 1RB#0            | 22.22       | 3          | 25.22       | 33         | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 1RB#24           | 23.12       | 3          | 26.12       | 33         | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 1RB#24           | 22.42       | 3          | 25.42       | 33         | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 1RB#49           | 22.90       | 3          | 25.9        | 33         | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 1RB#49           | 22.19       | 3          | 25.19       | 33         | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 1RB#0            | 23.11       | 3          | 26.11       | 33         | PASS    |
| Band7 | 10MHz     | 16QAM      | 21100   | 1RB#0            | 22.48       | 3          | 25.48       | 33         | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 1RB#24           | 23.17       | 3          | 26.17       | 33         | PASS    |
| Band7 | 10MHz     | 16QAM      | 21100   | 1RB#24           | 22.11       | 3          | 25.11       | 33         | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 1RB#49           | 23.19       | 3          | 26.19       | 33         | PASS    |

|       |       |       |       |        |       |   |       |    |      |
|-------|-------|-------|-------|--------|-------|---|-------|----|------|
| Band7 | 10MHz | 16QAM | 21100 | 1RB#49 | 22.30 | 3 | 25.3  | 33 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#0  | 23.40 | 3 | 26.4  | 33 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0  | 22.52 | 3 | 25.52 | 33 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#24 | 23.28 | 3 | 26.28 | 33 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#24 | 22.76 | 3 | 25.76 | 33 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#49 | 23.26 | 3 | 26.26 | 33 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#49 | 22.62 | 3 | 25.62 | 33 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0 | 22.18 | 3 | 25.18 | 33 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0 | 22.31 | 3 | 25.31 | 33 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0 | 22.39 | 3 | 25.39 | 33 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#0  | 23.31 | 3 | 26.31 | 33 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0  | 22.39 | 3 | 25.39 | 33 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#38 | 23.10 | 3 | 26.1  | 33 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#38 | 22.18 | 3 | 25.18 | 33 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#74 | 23.38 | 3 | 26.38 | 33 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#74 | 22.39 | 3 | 25.39 | 33 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#0  | 23.15 | 3 | 26.15 | 33 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0  | 22.37 | 3 | 25.37 | 33 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#38 | 23.14 | 3 | 26.14 | 33 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#38 | 22.20 | 3 | 25.2  | 33 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#74 | 23.23 | 3 | 26.23 | 33 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#74 | 22.24 | 3 | 25.24 | 33 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#0  | 23.33 | 3 | 26.33 | 33 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0  | 22.53 | 3 | 25.53 | 33 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#38 | 23.39 | 3 | 26.39 | 33 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#38 | 22.54 | 3 | 25.54 | 33 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#74 | 23.30 | 3 | 26.3  | 33 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#74 | 22.62 | 3 | 25.62 | 33 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0 | 22.32 | 3 | 25.32 | 33 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0 | 22.31 | 3 | 25.31 | 33 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0 | 22.26 | 3 | 25.26 | 33 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0  | 22.97 | 3 | 25.97 | 33 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0  | 22.18 | 3 | 25.18 | 33 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#49 | 23.14 | 3 | 26.14 | 33 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#49 | 22.47 | 3 | 25.47 | 33 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#99 | 22.93 | 3 | 25.93 | 33 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#99 | 22.15 | 3 | 25.15 | 33 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0  | 23.30 | 3 | 26.3  | 33 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0  | 22.79 | 3 | 25.79 | 33 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#49 | 23.34 | 3 | 26.34 | 33 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#49 | 23.32 | 3 | 26.32 | 33 | PASS |

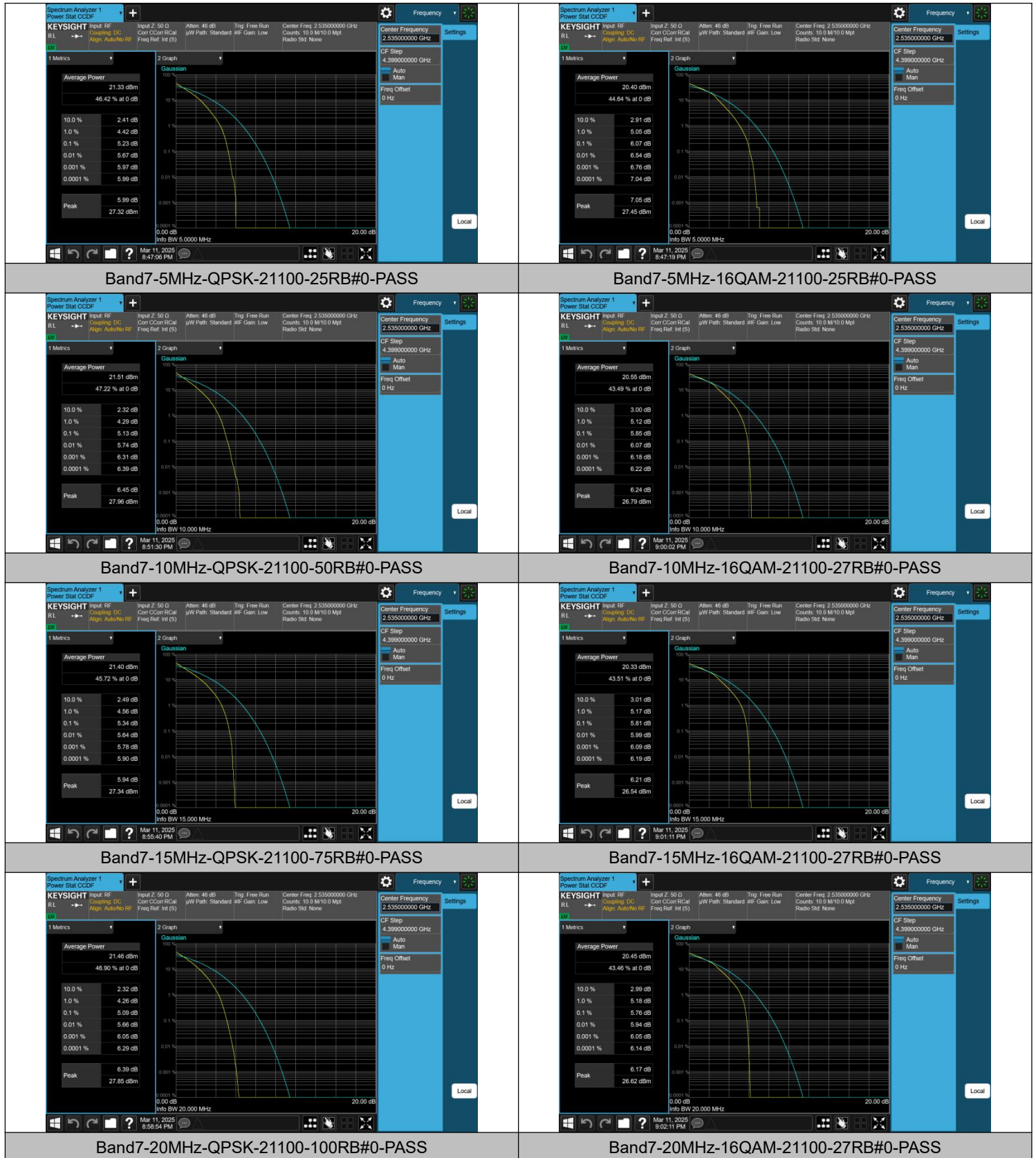
|       |       |       |       |         |       |   |       |    |      |
|-------|-------|-------|-------|---------|-------|---|-------|----|------|
| Band7 | 20MHz | QPSK  | 21100 | 1RB#99  | 23.17 | 3 | 26.17 | 33 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#99  | 22.73 | 3 | 25.73 | 33 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0   | 23.41 | 3 | 26.41 | 33 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0   | 22.20 | 3 | 25.2  | 33 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#49  | 23.29 | 3 | 26.29 | 33 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#49  | 22.31 | 3 | 25.31 | 33 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#99  | 22.98 | 3 | 25.98 | 33 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#99  | 22.32 | 3 | 25.32 | 33 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | 22.20 | 3 | 25.2  | 33 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | 22.41 | 3 | 25.41 | 33 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | 22.28 | 3 | 25.28 | 33 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 27RB#0  | 21.29 | 3 | 24.29 | 33 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 27RB#0  | 21.57 | 3 | 24.57 | 33 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 27RB#0  | 21.39 | 3 | 24.39 | 33 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 27RB#0  | 21.40 | 3 | 24.4  | 33 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 27RB#0  | 21.26 | 3 | 24.26 | 33 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 27RB#0  | 21.25 | 3 | 24.25 | 33 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 27RB#0  | 21.34 | 3 | 24.34 | 33 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 27RB#0  | 21.36 | 3 | 24.36 | 33 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 27RB#0  | 21.44 | 3 | 24.44 | 33 | PASS |

## Peak-to-Average Ratio(CCDF)

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#0           | 5.23       | 13        | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 25RB#0           | 6.07       | 13        | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 50RB#0           | 5.13       | 13        | PASS    |
| Band7 | 10MHz     | 16QAM      | 21100   | 27RB#0           | 5.85       | 13        | PASS    |
| Band7 | 15MHz     | QPSK       | 21100   | 75RB#0           | 5.34       | 13        | PASS    |
| Band7 | 15MHz     | 16QAM      | 21100   | 27RB#0           | 5.81       | 13        | PASS    |
| Band7 | 20MHz     | QPSK       | 21100   | 100RB#0          | 5.09       | 13        | PASS    |
| Band7 | 20MHz     | 16QAM      | 21100   | 27RB#0           | 5.76       | 13        | PASS    |

## Test Graphs

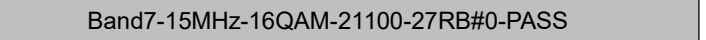
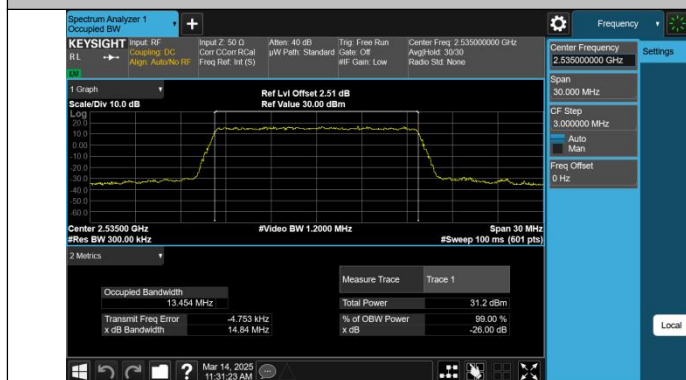


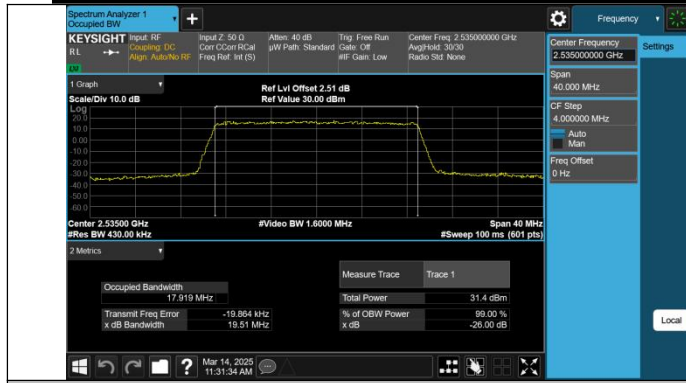
## 26dB Bandwidth and Occupied Bandwidth

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#0           | 4.4964                   | 4.997                | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 25RB#0           | 4.5088                   | 5.038                | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 50RB#0           | 8.9644                   | 9.881                | PASS    |
| Band7 | 10MHz     | 16QAM      | 21100   | 27RB#0           | 4.9967                   | 5.789                | PASS    |
| Band7 | 15MHz     | QPSK       | 21100   | 75RB#0           | 13.454                   | 14.84                | PASS    |
| Band7 | 15MHz     | 16QAM      | 21100   | 27RB#0           | 5.0865                   | 6.050                | PASS    |
| Band7 | 20MHz     | QPSK       | 21100   | 100RB#0          | 17.919                   | 19.51                | PASS    |
| Band7 | 20MHz     | 16QAM      | 21100   | 27RB#0           | 5.3121                   | 6.792                | PASS    |

## Test Graphs





Band7-20MHz-QPSK-21100-100RB#0-PASS



Band7-20MHz-16QAM-21100-27RB#0-PASS