

## LTE Band 2 Test Data

**Product Name** : Tablet

**Model Number** : xTablet T1190

**FCC ID** : O86T1190

|                      |                                                                                       |
|----------------------|---------------------------------------------------------------------------------------|
| Applicant:           | MobileDemand, L.C.<br>1501 Boyson Sq Dr, Ste 101 Hiawatha, Iowa, 52233, United States |
| Manufacturer:        | MobileDemand, L.C.<br>No.88 East Qianjin Road, Kunshan city, Jiangsu province, China  |
| Product Description: | Tablet                                                                                |
| Trademark:           | MobileDemand                                                                          |
| Model Number:        | xTablet T1190                                                                         |

## Appendix A: RF POWER OUTPUT

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|---------|
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#0            | 21.61       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#2            | 21.64       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#5            | 21.57       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 3RB#0            | 21.59       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 3RB#1            | 21.61       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 3RB#3            | 21.55       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 6RB#0            | 20.62       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#0            | 21.90       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#2            | 21.99       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#5            | 21.88       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 3RB#0            | 21.93       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 3RB#1            | 21.97       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 3RB#3            | 21.84       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 6RB#0            | 20.90       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#0            | 21.91       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#2            | 21.97       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#5            | 21.86       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 3RB#0            | 21.91       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 3RB#1            | 21.89       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 3RB#3            | 21.87       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 6RB#0            | 20.91       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#0            | 20.51       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#2            | 20.60       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#5            | 20.50       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 3RB#0            | 20.39       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 3RB#1            | 20.39       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 3RB#3            | 20.45       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 6RB#0            | 19.59       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#0            | 20.88       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#2            | 20.95       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#5            | 20.85       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 3RB#0            | 20.73       | PASS    |

|       |        |       |       |        |       |      |
|-------|--------|-------|-------|--------|-------|------|
| Band2 | 1.4MHz | 16QAM | 18900 | 3RB#1  | 20.75 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 3RB#3  | 20.72 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 6RB#0  | 19.93 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#0  | 20.88 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#2  | 20.90 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#5  | 20.80 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 3RB#0  | 20.71 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 3RB#1  | 20.69 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 3RB#3  | 20.64 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 6RB#0  | 19.86 | PASS |
| Band2 | 3MHz   | QPSK  | 18615 | 1RB#0  | 21.67 | PASS |
| Band2 | 3MHz   | QPSK  | 18615 | 1RB#8  | 21.67 | PASS |
| Band2 | 3MHz   | QPSK  | 18615 | 1RB#14 | 21.71 | PASS |
| Band2 | 3MHz   | QPSK  | 18615 | 8RB#0  | 20.67 | PASS |
| Band2 | 3MHz   | QPSK  | 18615 | 8RB#4  | 20.65 | PASS |
| Band2 | 3MHz   | QPSK  | 18615 | 8RB#7  | 20.70 | PASS |
| Band2 | 3MHz   | QPSK  | 18615 | 15RB#0 | 20.65 | PASS |
| Band2 | 3MHz   | QPSK  | 18900 | 1RB#0  | 22.05 | PASS |
| Band2 | 3MHz   | QPSK  | 18900 | 1RB#8  | 22.03 | PASS |
| Band2 | 3MHz   | QPSK  | 18900 | 1RB#14 | 22.04 | PASS |
| Band2 | 3MHz   | QPSK  | 18900 | 8RB#0  | 21.00 | PASS |
| Band2 | 3MHz   | QPSK  | 18900 | 8RB#4  | 21.03 | PASS |
| Band2 | 3MHz   | QPSK  | 18900 | 8RB#7  | 20.98 | PASS |
| Band2 | 3MHz   | QPSK  | 18900 | 15RB#0 | 20.98 | PASS |
| Band2 | 3MHz   | QPSK  | 19185 | 1RB#0  | 22.00 | PASS |
| Band2 | 3MHz   | QPSK  | 19185 | 1RB#8  | 22.03 | PASS |
| Band2 | 3MHz   | QPSK  | 19185 | 1RB#14 | 21.90 | PASS |
| Band2 | 3MHz   | QPSK  | 19185 | 8RB#0  | 20.98 | PASS |
| Band2 | 3MHz   | QPSK  | 19185 | 8RB#4  | 21.00 | PASS |
| Band2 | 3MHz   | QPSK  | 19185 | 8RB#7  | 21.02 | PASS |
| Band2 | 3MHz   | QPSK  | 19185 | 15RB#0 | 20.95 | PASS |
| Band2 | 3MHz   | 16QAM | 18615 | 1RB#0  | 20.67 | PASS |
| Band2 | 3MHz   | 16QAM | 18615 | 1RB#8  | 20.70 | PASS |
| Band2 | 3MHz   | 16QAM | 18615 | 1RB#14 | 20.66 | PASS |
| Band2 | 3MHz   | 16QAM | 18615 | 8RB#0  | 19.70 | PASS |
| Band2 | 3MHz   | 16QAM | 18615 | 8RB#4  | 19.63 | PASS |
| Band2 | 3MHz   | 16QAM | 18615 | 8RB#7  | 19.68 | PASS |

|       |      |       |       |         |       |      |
|-------|------|-------|-------|---------|-------|------|
| Band2 | 3MHz | 16QAM | 18615 | 15RB#0  | 19.72 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 1RB#0   | 20.91 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 1RB#8   | 20.89 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 1RB#14  | 20.89 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 8RB#0   | 20.02 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 8RB#4   | 20.00 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 8RB#7   | 19.96 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 15RB#0  | 19.91 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#0   | 20.73 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#8   | 20.75 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#14  | 20.69 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 8RB#0   | 19.99 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 8RB#4   | 19.95 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 8RB#7   | 19.94 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 15RB#0  | 19.86 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 1RB#0   | 21.83 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 1RB#12  | 21.92 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 1RB#24  | 21.85 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 12RB#0  | 20.70 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 12RB#6  | 20.70 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 12RB#13 | 20.76 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 25RB#0  | 20.70 | PASS |
| Band2 | 5MHz | QPSK  | 18900 | 1RB#0   | 22.09 | PASS |
| Band2 | 5MHz | QPSK  | 18900 | 1RB#12  | 22.12 | PASS |
| Band2 | 5MHz | QPSK  | 18900 | 1RB#24  | 22.09 | PASS |
| Band2 | 5MHz | QPSK  | 18900 | 12RB#0  | 21.02 | PASS |
| Band2 | 5MHz | QPSK  | 18900 | 12RB#6  | 21.00 | PASS |
| Band2 | 5MHz | QPSK  | 18900 | 12RB#13 | 20.99 | PASS |
| Band2 | 5MHz | QPSK  | 18900 | 25RB#0  | 21.04 | PASS |
| Band2 | 5MHz | QPSK  | 19175 | 1RB#0   | 22.12 | PASS |
| Band2 | 5MHz | QPSK  | 19175 | 1RB#12  | 22.11 | PASS |
| Band2 | 5MHz | QPSK  | 19175 | 1RB#24  | 21.98 | PASS |
| Band2 | 5MHz | QPSK  | 19175 | 12RB#0  | 21.02 | PASS |
| Band2 | 5MHz | QPSK  | 19175 | 12RB#6  | 21.07 | PASS |
| Band2 | 5MHz | QPSK  | 19175 | 12RB#13 | 20.99 | PASS |
| Band2 | 5MHz | QPSK  | 19175 | 25RB#0  | 21.02 | PASS |
| Band2 | 5MHz | 16QAM | 18625 | 1RB#0   | 20.70 | PASS |

|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band2 | 5MHz  | 16QAM | 18625 | 1RB#12  | 20.78 | PASS |
| Band2 | 5MHz  | 16QAM | 18625 | 1RB#24  | 20.76 | PASS |
| Band2 | 5MHz  | 16QAM | 18625 | 12RB#0  | 19.68 | PASS |
| Band2 | 5MHz  | 16QAM | 18625 | 12RB#6  | 19.65 | PASS |
| Band2 | 5MHz  | 16QAM | 18625 | 12RB#13 | 19.71 | PASS |
| Band2 | 5MHz  | 16QAM | 18625 | 25RB#0  | 19.72 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 1RB#0   | 21.15 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 1RB#12  | 21.24 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 1RB#24  | 21.17 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 12RB#0  | 20.05 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 12RB#6  | 20.04 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 12RB#13 | 20.04 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 25RB#0  | 19.99 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#0   | 21.01 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#12  | 21.00 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#24  | 20.93 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 12RB#0  | 20.02 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 12RB#6  | 20.01 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 12RB#13 | 19.97 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 25RB#0  | 20.05 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 1RB#0   | 21.74 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 1RB#24  | 21.75 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 1RB#49  | 21.80 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 25RB#0  | 20.72 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 25RB#12 | 20.77 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 25RB#25 | 20.75 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 50RB#0  | 20.78 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#0   | 21.99 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#24  | 22.03 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#49  | 22.04 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 25RB#0  | 21.06 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 25RB#12 | 21.03 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 25RB#25 | 21.01 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 50RB#0  | 21.04 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#0   | 22.17 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#24  | 22.07 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#49  | 21.97 | PASS |



|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band2 | 10MHz | QPSK  | 19150 | 25RB#0  | 21.08 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 25RB#12 | 21.11 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 25RB#25 | 21.03 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 50RB#0  | 21.08 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#0   | 20.69 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#24  | 20.71 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#49  | 20.82 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 25RB#0  | 19.66 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 25RB#12 | 19.71 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 25RB#25 | 19.76 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 50RB#0  | 19.76 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#0   | 20.89 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#24  | 20.97 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#49  | 20.89 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#0  | 20.05 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#12 | 20.05 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#25 | 20.02 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 50RB#0  | 20.05 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#0   | 20.94 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#24  | 20.81 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#49  | 20.80 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 25RB#0  | 20.10 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 25RB#12 | 20.10 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 25RB#25 | 20.01 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 50RB#0  | 20.05 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#0   | 21.85 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#38  | 21.79 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#74  | 21.88 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 38RB#0  | 20.84 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 38RB#18 | 20.74 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 38RB#37 | 20.87 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 75RB#0  | 20.76 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#0   | 21.96 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#38  | 21.93 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#74  | 21.98 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 38RB#0  | 21.14 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 38RB#18 | 21.00 | PASS |

|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band2 | 15MHz | QPSK  | 18900 | 38RB#37 | 21.12 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 75RB#0  | 21.01 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#0   | 22.33 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#38  | 22.17 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#74  | 22.08 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 38RB#0  | 21.08 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 38RB#18 | 20.84 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 38RB#37 | 20.86 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 75RB#0  | 21.15 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#0   | 20.80 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#38  | 20.84 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#74  | 20.88 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 38RB#0  | 20.80 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 38RB#18 | 20.75 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 38RB#37 | 20.91 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 75RB#0  | 19.77 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#0   | 21.09 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#38  | 21.09 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#74  | 21.11 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 38RB#0  | 21.06 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 38RB#18 | 21.08 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 38RB#37 | 21.09 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 75RB#0  | 20.02 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#0   | 21.07 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#38  | 20.87 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#74  | 20.86 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 38RB#0  | 21.08 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 38RB#18 | 20.90 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 38RB#37 | 20.87 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 75RB#0  | 20.10 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#0   | 21.79 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#49  | 21.84 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#99  | 21.84 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 50RB#0  | 20.78 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 50RB#25 | 20.76 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 50RB#50 | 20.75 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 100RB#0 | 20.77 | PASS |

|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band2 | 20MHz | QPSK  | 18900 | 1RB#0   | 22.02 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#49  | 22.06 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#99  | 22.01 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 50RB#0  | 20.90 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 50RB#25 | 20.96 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 50RB#50 | 21.01 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 100RB#0 | 20.99 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 1RB#0   | 22.37 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 1RB#49  | 22.09 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 1RB#99  | 22.10 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 50RB#0  | 21.22 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 50RB#25 | 21.25 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 50RB#50 | 21.11 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 100RB#0 | 21.19 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#0   | 20.68 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#49  | 20.69 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#99  | 20.71 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 50RB#0  | 19.75 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 50RB#25 | 19.79 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 50RB#50 | 19.79 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 100RB#0 | 19.76 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#0   | 21.14 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#49  | 21.12 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#99  | 21.11 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 50RB#0  | 19.94 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 50RB#25 | 19.97 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 50RB#50 | 19.99 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 100RB#0 | 19.99 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#0   | 21.16 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#49  | 20.91 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#99  | 21.00 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 50RB#0  | 20.32 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 50RB#25 | 20.28 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 50RB#50 | 20.15 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 100RB#0 | 20.20 | PASS |



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

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#0            | 4.76       | 13        | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 6RB#0            | 5.53       | 13        | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#0            | 4.90       | 13        | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 6RB#0            | 5.62       | 13        | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#0            | 4.06       | 13        | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 6RB#0            | 4.99       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#0            | 5.81       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 6RB#0            | 6.35       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#0            | 5.92       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 6RB#0            | 6.46       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#0            | 5.15       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 6RB#0            | 5.97       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 1RB#0            | 4.66       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 15RB#0           | 5.42       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 18900   | 1RB#0            | 4.73       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 18900   | 15RB#0           | 5.49       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 19185   | 1RB#0            | 4.31       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 19185   | 15RB#0           | 5.12       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 18615   | 1RB#0            | 5.56       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 18615   | 15RB#0           | 6.26       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 18900   | 1RB#0            | 5.79       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 18900   | 15RB#0           | 6.30       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 19185   | 1RB#0            | 5.41       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 19185   | 15RB#0           | 6.07       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 18625   | 1RB#0            | 4.62       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 18625   | 25RB#0           | 5.45       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 18900   | 1RB#0            | 4.76       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 18900   | 25RB#0           | 5.49       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 19175   | 1RB#0            | 4.49       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 19175   | 25RB#0           | 5.28       | 13        | PASS    |

|       |       |       |       |         |      |    |      |
|-------|-------|-------|-------|---------|------|----|------|
| Band2 | 5MHz  | 16QAM | 18625 | 1RB#0   | 5.51 | 13 | PASS |
| Band2 | 5MHz  | 16QAM | 18625 | 25RB#0  | 6.21 | 13 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 1RB#0   | 5.62 | 13 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 25RB#0  | 6.22 | 13 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#0   | 5.41 | 13 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 25RB#0  | 6.11 | 13 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 1RB#0   | 5.11 | 13 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 50RB#0  | 4.64 | 13 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#0   | 5.22 | 13 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 50RB#0  | 4.64 | 13 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#0   | 5.04 | 13 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 50RB#0  | 4.67 | 13 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#0   | 6.10 | 13 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 50RB#0  | 6.14 | 13 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#0   | 6.18 | 13 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 50RB#0  | 6.19 | 13 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#0   | 5.95 | 13 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 50RB#0  | 6.12 | 13 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#0   | 8.28 | 13 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 75RB#0  | 5.73 | 13 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#0   | 8.45 | 13 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 75RB#0  | 5.77 | 13 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#0   | 8.15 | 13 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 75RB#0  | 5.75 | 13 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#0   | 8.10 | 13 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 75RB#0  | 6.73 | 13 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#0   | 8.25 | 13 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 75RB#0  | 6.91 | 13 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#0   | 8.05 | 13 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 75RB#0  | 6.84 | 13 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#0   | 8.09 | 13 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 100RB#0 | 6.47 | 13 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#0   | 7.65 | 13 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 100RB#0 | 6.40 | 13 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 1RB#0   | 7.99 | 13 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 100RB#0 | 6.47 | 13 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#0   | 7.91 | 13 | PASS |

|       |       |       |       |         |      |    |      |
|-------|-------|-------|-------|---------|------|----|------|
| Band2 | 20MHz | 16QAM | 18700 | 100RB#0 | 7.15 | 13 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#0   | 7.93 | 13 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 100RB#0 | 7.17 | 13 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#0   | 7.88 | 13 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 100RB#0 | 7.24 | 13 | PASS |



## Test Graphs

Band2-1.4MHz-QPSK-18607-1RB#0



Band2-1.4MHz-QPSK-18607-6RB#0



Band2-1.4MHz-QPSK-18900-1RB#0





### Band2-1.4MHz-QPSK-18900-6RB#0



### Band2-1.4MHz-QPSK-19193-1RB#0



### Band2-1.4MHz-QPSK-19193-6RB#0



### Band2-1.4MHz-16QAM-18607-1RB#0





Band2-1.4MHz-16QAM-18607-6RB#0



Band2-1.4MHz-16QAM-18900-1RB#0



Band2-1.4MHz-16QAM-18900-6RB#0



Band2-1.4MHz-16QAM-19193-1RB#0



Band2-1.4MHz-16QAM-19193-6RB#0



Band2-3MHz-QPSK-18615-1RB#0



Band2-3MHz-QPSK-18615-15RB#0



Band2-3MHz-QPSK-18900-1RB#0



Band2-3MHz-QPSK-18900-15RB#0





Band2-3MHz-QPSK-19185-1RB#0



Band2-3MHz-QPSK-19185-15RB#0



Band2-3MHz-16QAM-18615-1RB#0



Band2-3MHz-16QAM-18615-15RB#0



Band2-3MHz-16QAM-18900-1RB#0



Band2-3MHz-16QAM-18900-15RB#0





Band2-3MHz-16QAM-19185-1RB#0



Band2-3MHz-16QAM-19185-15RB#0



Band2-5MHz-QPSK-18625-1RB#0



Band2-5MHz-QPSK-18625-25RB#0



Band2-5MHz-QPSK-18900-1RB#0



Band2-5MHz-QPSK-18900-25RB#0



Band2-5MHz-QPSK-19175-1RB#0



Band2-5MHz-QPSK-19175-25RB#0



Band2-5MHz-16QAM-18625-1RB#0





Band2-5MHz-16QAM-18625-25RB#0



Band2-5MHz-16QAM-18900-1RB#0



Band2-5MHz-16QAM-18900-25RB#0





Band2-5MHz-16QAM-19175-1RB#0



Band2-5MHz-16QAM-19175-25RB#0



Band2-10MHz-QPSK-18650-1RB#0



Band2-10MHz-QPSK-18650-50RB#0



Band2-10MHz-QPSK-18900-1RB#0



Band2-10MHz-QPSK-18900-50RB#0



Band2-10MHz-QPSK-19150-1RB#0



Band2-10MHz-QPSK-19150-50RB#0



Band2-10MHz-16QAM-18650-1RB#0





Band2-10MHz-16QAM-18650-50RB#0



Band2-10MHz-16QAM-18900-1RB#0



Band2-10MHz-16QAM-18900-50RB#0





Band2-10MHz-16QAM-19150-1RB#0



Band2-10MHz-16QAM-19150-50RB#0



Band2-15MHz-QPSK-18675-1RB#0



Band2-15MHz-QPSK-18675-75RB#0



Band2-15MHz-QPSK-18900-1RB#0



Band2-15MHz-QPSK-18900-75RB#0



Band2-15MHz-QPSK-19125-1RB#0



Band2-15MHz-QPSK-19125-75RB#0



Band2-15MHz-16QAM-18675-1RB#0





Band2-15MHz-16QAM-18675-75RB#0



Band2-15MHz-16QAM-18900-1RB#0



Band2-15MHz-16QAM-18900-75RB#0





Band2-15MHz-16QAM-19125-1RB#0



Band2-15MHz-16QAM-19125-75RB#0



Band2-20MHz-QPSK-18700-1RB#0



Band2-20MHz-QPSK-18700-100RB#0



Band2-20MHz-QPSK-18900-1RB#0



Band2-20MHz-QPSK-18900-100RB#0



Band2-20MHz-QPSK-19100-1RB#0



Band2-20MHz-QPSK-19100-100RB#0



Band2-20MHz-16QAM-18700-1RB#0





Band2-20MHz-16QAM-18700-100RB#0



Band2-20MHz-16QAM-18900-1RB#0



Band2-20MHz-16QAM-18900-100RB#0





Band2-20MHz-16QAM-19100-1RB#0



Band2-20MHz-16QAM-19100-100RB#0



## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth<br>(MHz) | 26dB Bandwidth<br>(MHz) | Verdict |
|-------|-----------|------------|---------|------------------|-----------------------------|-------------------------|---------|
| Band2 | 1.4MHz    | QPSK       | 18607   | 6RB#0            | 1.0886                      | 1.221                   | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 6RB#0            | 1.0898                      | 1.213                   | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 6RB#0            | 1.0917                      | 1.220                   | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 6RB#0            | 1.0881                      | 1.217                   | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 6RB#0            | 1.0922                      | 1.224                   | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 6RB#0            | 1.0882                      | 1.204                   | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 15RB#0           | 2.6897                      | 2.914                   | PASS    |
| Band2 | 3MHz      | QPSK       | 18900   | 15RB#0           | 2.6918                      | 2.926                   | PASS    |
| Band2 | 3MHz      | QPSK       | 19185   | 15RB#0           | 2.6993                      | 2.907                   | PASS    |
| Band2 | 3MHz      | 16QAM      | 18615   | 15RB#0           | 2.6871                      | 2.902                   | PASS    |
| Band2 | 3MHz      | 16QAM      | 18900   | 15RB#0           | 2.6967                      | 2.922                   | PASS    |
| Band2 | 3MHz      | 16QAM      | 19185   | 15RB#0           | 2.6981                      | 2.899                   | PASS    |
| Band2 | 5MHz      | QPSK       | 18625   | 25RB#0           | 4.4951                      | 4.862                   | PASS    |
| Band2 | 5MHz      | QPSK       | 18900   | 25RB#0           | 4.4972                      | 4.861                   | PASS    |
| Band2 | 5MHz      | QPSK       | 19175   | 25RB#0           | 4.5011                      | 4.864                   | PASS    |
| Band2 | 5MHz      | 16QAM      | 18625   | 25RB#0           | 4.5024                      | 4.850                   | PASS    |
| Band2 | 5MHz      | 16QAM      | 18900   | 25RB#0           | 4.5000                      | 4.880                   | PASS    |
| Band2 | 5MHz      | 16QAM      | 19175   | 25RB#0           | 4.5083                      | 4.848                   | PASS    |
| Band2 | 10MHz     | QPSK       | 18650   | 50RB#0           | 8.9833                      | 9.554                   | PASS    |
| Band2 | 10MHz     | QPSK       | 18900   | 50RB#0           | 8.9825                      | 9.528                   | PASS    |
| Band2 | 10MHz     | QPSK       | 19150   | 50RB#0           | 8.9785                      | 9.533                   | PASS    |
| Band2 | 10MHz     | 16QAM      | 18650   | 50RB#0           | 8.9589                      | 9.525                   | PASS    |
| Band2 | 10MHz     | 16QAM      | 18900   | 50RB#0           | 8.9805                      | 9.522                   | PASS    |
| Band2 | 10MHz     | 16QAM      | 19150   | 50RB#0           | 8.9730                      | 9.529                   | PASS    |
| Band2 | 15MHz     | QPSK       | 18675   | 75RB#0           | 13.454                      | 14.28                   | PASS    |
| Band2 | 15MHz     | QPSK       | 18900   | 75RB#0           | 13.464                      | 14.28                   | PASS    |
| Band2 | 15MHz     | QPSK       | 19125   | 75RB#0           | 13.481                      | 14.28                   | PASS    |
| Band2 | 15MHz     | 16QAM      | 18675   | 75RB#0           | 13.443                      | 14.27                   | PASS    |
| Band2 | 15MHz     | 16QAM      | 18900   | 75RB#0           | 13.467                      | 14.24                   | PASS    |
| Band2 | 15MHz     | 16QAM      | 19125   | 75RB#0           | 13.487                      | 14.27                   | PASS    |

|       |       |       |       |         |        |       |      |
|-------|-------|-------|-------|---------|--------|-------|------|
| Band2 | 20MHz | QPSK  | 18700 | 100RB#0 | 17.906 | 18.95 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 100RB#0 | 17.942 | 19.00 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 100RB#0 | 17.962 | 18.97 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 100RB#0 | 17.898 | 18.92 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 100RB#0 | 17.943 | 18.94 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 100RB#0 | 17.964 | 18.98 | PASS |



## Test Graphs

Band2-1.4MHz-QPSK-18607-6RB#0-1.0886



Band2-1.4MHz-QPSK-18900-6RB#0-1.0898

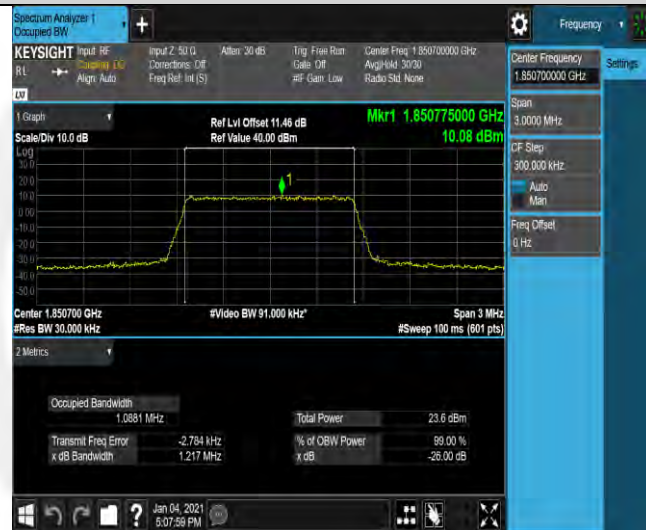


Band2-1.4MHz-QPSK-19193-6RB#0-1.0917





Band2-1.4MHz-16QAM-18607-6RB#0-1.0881



Band2-1.4MHz-16QAM-18900-6RB#0-1.0922



Band2-1.4MHz-16QAM-19193-6RB#0-1.0882



Band2-3MHz-QPSK-18615-15RB#0-2.6897



Band2-3MHz-QPSK-18900-15RB#0-2.6918



Band2-3MHz-QPSK-19185-15RB#0-2.6993



Band2-3MHz-16QAM-18615-15RB#0-2.6871



Band2-3MHz-16QAM-18900-15RB#0-2.6967



Band2-3MHz-16QAM-19185-15RB#0-2.6981





Band2-5MHz-QPSK-18625-25RB#0-4.4951



Band2-5MHz-QPSK-18900-25RB#0-4.4972



Band2-5MHz-QPSK-19175-25RB#0-4.5011





Band2-5MHz-16QAM-18625-25RB#0-4.5024



Band2-5MHz-16QAM-18900-25RB#0-4.5000



Band2-5MHz-16QAM-19175-25RB#0-4.5083



Band2-10MHz-QPSK-18650-50RB#0-8.9833



Band2-10MHz-QPSK-18900-50RB#0-8.9825



Band2-10MHz-QPSK-19150-50RB#0-8.9785



Band2-10MHz-16QAM-18650-50RB#0-8.9589



Band2-10MHz-16QAM-18900-50RB#0-8.9805



Band2-10MHz-16QAM-19150-50RB#0-8.9730





Band2-15MHz-QPSK-18675-75RB#0-13.454

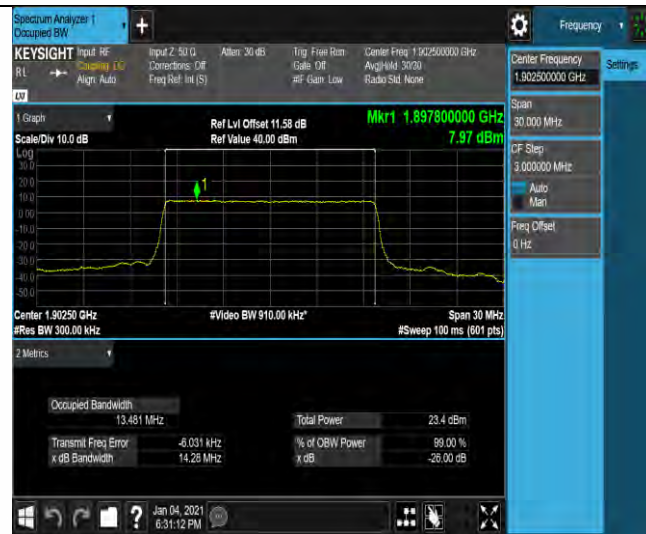


Band2-15MHz-QPSK-18900-75RB#0-13.464



Band2-15MHz-QPSK-19125-75RB#0-13.481





Band2-15MHz-16QAM-18675-75RB#0-13.443



Band2-15MHz-16QAM-18900-75RB#0-13.467



Band2-15MHz-16QAM-19125-75RB#0-13.487



Band2-20MHz-QPSK-18700-100RB#0-17.906



Band2-20MHz-QPSK-18900-100RB#0-17.942



Band2-20MHz-QPSK-19100-100RB#0-17.962