



## Tune Up Procedure

### Tune-up procedure

#### GSM/WCDMA/LTE TEST

#### Measurement Procedure:

#### GSM/WCDMA/LTE

1.Connect EUT with CMU200(E5515C)/CMW500, through RF cable. Make a call from CMU200(E5515C)/CMW500;

2.Measure the Output Power Average value;

3.Remarks: All Output Power are tested in Average Value specification.

#### For WIFI/BT

1: Connect to Power meter (NRVD) through RF cable and let the EUT Continuously transmit

2: Measure the Output Power Average value

### Manufacturing tolerance

#### 1.1.1. Conducted Power Measurement Results(GSM850)

| GSM 850                 |            |           |           |           |                  |                                 |       |       |         |       |
|-------------------------|------------|-----------|-----------|-----------|------------------|---------------------------------|-------|-------|---------|-------|
| Burst Output Power(dBm) |            |           |           | Tune up   | Division Factors | Frame-Average Output Power(dBm) |       |       | Tune up |       |
| Channel                 |            | 128       | 190       |           |                  | 128                             | 190   | 251   |         |       |
| GSM(GMS K)              | GSM        | 32.6<br>6 | 32.6<br>9 | 32.6<br>7 | 33.00            | -9.19                           | 23.47 | 23.50 | 23.48   | 23.81 |
| GPRS(GMS K)             | 1 TX Slot  | 32.5<br>3 | 32.5<br>5 | 32.4<br>9 | 33.00            | -9.19                           | 23.34 | 23.36 | 23.30   | 23.81 |
|                         | 2 TX Slots | 30.9<br>6 | 30.9<br>7 | 30.9<br>4 | 31.00            | -6.18                           | 24.78 | 24.79 | 24.76   | 24.82 |
|                         | 3 TX Slots | 29.4<br>7 | 29.4<br>8 | 29.4<br>4 | 30.00            | -4.42                           | 25.05 | 25.06 | 25.02   | 25.58 |
|                         | 4 TX Slots | 27.9<br>5 | 28.0<br>1 | 27.9<br>5 | 28.50            | -3.17                           | 24.78 | 24.84 | 24.78   | 25.33 |
| EGPRS(8P SK)            | 1 TX Slot  | 25.9<br>9 | 26.0<br>1 | 25.9<br>6 | 27.00            | -9.19                           | 16.80 | 16.82 | 16.77   | 17.81 |
|                         | 2 TX Slots | 24.4<br>9 | 24.5<br>2 | 24.4<br>8 | 25.00            | -6.18                           | 18.31 | 18.34 | 18.30   | 18.82 |
|                         | 3 TX Slots | 22.9<br>8 | 22.9<br>8 | 22.9<br>3 | 23.00            | -4.42                           | 18.56 | 18.56 | 18.51   | 18.58 |
|                         | 4 TX Slots | 21.4<br>6 | 21.4<br>8 | 21.4<br>6 | 22.00            | -3.17                           | 18.29 | 18.31 | 18.29   | 18.83 |

#### 1.1.2. Conducted Power Measurement Results(PCS1900)



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| GSM 1900                |            |           |           |           |                  |                                 |       |       |         |       |
|-------------------------|------------|-----------|-----------|-----------|------------------|---------------------------------|-------|-------|---------|-------|
| Burst Output Power(dBm) |            |           |           | Tune up   | Division Factors | Frame-Average Output Power(dBm) |       |       | Tune up |       |
| Channel                 |            | 512       | 661       | 810       |                  | 512                             | 661   | 810   |         |       |
| GSM(GMS K)              | GSM        | 29.6<br>4 | 29.7<br>3 | 29.6<br>4 | 30.00            | -9.19                           | 20.45 | 20.54 | 20.45   | 20.81 |
| GPRS(GMS K)             | 1 TX Slot  | 29.5<br>3 | 29.5<br>2 | 29.4<br>8 | 30.00            | -9.19                           | 20.34 | 20.33 | 20.29   | 20.81 |
|                         | 2 TX Slots | 27.9<br>4 | 28.0<br>3 | 27.9<br>7 | 28.50            | -6.18                           | 21.76 | 21.85 | 21.79   | 22.32 |
|                         | 3 TX Slots | 26.4<br>6 | 26.4<br>9 | 26.4<br>7 | 27.00            | -4.42                           | 22.04 | 22.07 | 22.05   | 22.58 |
|                         | 4 TX Slots | 24.9<br>8 | 24.9<br>8 | 24.9<br>4 | 25.00            | -3.17                           | 21.81 | 21.81 | 21.77   | 21.83 |
| EGPRS(8P SK)            | 1 TX Slot  | 25.4<br>7 | 25.4<br>8 | 25.4<br>3 | 26.00            | -9.19                           | 16.28 | 16.29 | 16.24   | 16.81 |
|                         | 2 TX Slots | 23.9<br>9 | 24.0<br>0 | 23.9<br>2 | 25.00            | -6.18                           | 17.81 | 17.82 | 17.74   | 18.82 |
|                         | 3 TX Slots | 22.5<br>0 | 22.5<br>1 | 22.4<br>6 | 23.00            | -4.42                           | 18.08 | 18.09 | 18.04   | 18.58 |
|                         | 4 TX Slots | 20.9<br>7 | 21.0<br>1 | 20.9<br>2 | 22.00            | -3.17                           | 17.80 | 17.84 | 17.75   | 18.83 |

### 1.1.3. Conducted Power Measurement Results(WCDMA Band II)

| Item  | Band         | WCDMA Band II result (dBm) |           |             |         |
|-------|--------------|----------------------------|-----------|-------------|---------|
|       |              | Channel/Frequency(MHz)     |           |             |         |
|       | sub-test     | 9262/1852.4                | 9400/1880 | 9538/1907.6 | Tune up |
| RMC   | 12.2kbps RMC | 23.56                      | 23.50     | 23.46       | 24.00   |
| HSDPA | Sub –Test 1  | 22.99                      | 22.92     | 23.00       | 24.00   |
|       | Sub –Test 2  | 22.75                      | 22.74     | 22.80       | 23.00   |
|       | Sub –Test 3  | 22.76                      | 22.78     | 22.88       | 23.00   |
|       | Sub –Test 4  | 22.73                      | 22.76     | 22.82       | 23.00   |
| HSUPA | Sub –Test 1  | 22.78                      | 22.71     | 22.85       | 23.00   |
|       | Sub –Test 2  | 22.70                      | 22.84     | 22.78       | 23.00   |
|       | Sub –Test 3  | 22.88                      | 22.73     | 22.82       | 23.00   |
|       | Sub –Test 4  | 22.82                      | 22.82     | 22.89       | 23.00   |
|       | Sub –Test 5  | 22.78                      | 22.73     | 22.81       | 23.00   |



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**1.1.4. Conducted Power Measurement Results(WCDMA Band V)**

| Item  | Band         | WCDMA Band V result (dBm) |            |            |         |
|-------|--------------|---------------------------|------------|------------|---------|
|       |              | Channel/Frequency(MHz)    |            |            |         |
|       | sub-test     | 4132/826.4                | 4182/836.4 | 4233/846.6 | Tune up |
| RMC   | 12.2kbps RMC | 23.45                     | 23.51      | 23.42      | 24.00   |
| HSDPA | Sub –Test 1  | 22.79                     | 22.82      | 22.72      | 23.00   |
|       | Sub –Test 2  | 22.78                     | 22.82      | 22.76      | 23.00   |
|       | Sub –Test 3  | 22.71                     | 22.79      | 22.71      | 23.00   |
|       | Sub –Test 4  | 22.80                     | 22.85      | 22.87      | 23.00   |
| HSUPA | Sub –Test 1  | 22.90                     | 22.74      | 22.73      | 23.00   |
|       | Sub –Test 2  | 22.84                     | 22.75      | 22.85      | 23.00   |
|       | Sub –Test 3  | 22.82                     | 22.82      | 22.88      | 23.00   |
|       | Sub –Test 4  | 22.85                     | 22.84      | 22.83      | 23.00   |
|       | Sub –Test 5  | 22.88                     | 22.78      | 22.87      | 23.00   |

**1.1.5. Conducted Power Measurement Results(LTE Band 2)**

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Tune up(dBm) |
|-------|-----------|------------|---------|------------------|-------------|--------------|
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#0            | 23.61       | 24.00        |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#0            | 23.32       | 24.00        |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#2            | 23.59       | 24.00        |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#2            | 23.37       | 24.00        |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#5            | 23.62       | 24.00        |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#5            | 23.35       | 24.00        |
| Band2 | 1.4MHz    | QPSK       | 18607   | 3RB#0            | 23.64       | 24.00        |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 3RB#0            | 22.47       | 23.00        |
| Band2 | 1.4MHz    | QPSK       | 18607   | 3RB#1            | 23.59       | 24.00        |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 3RB#1            | 22.18       | 23.00        |
| Band2 | 1.4MHz    | QPSK       | 18607   | 3RB#3            | 23.59       | 24.00        |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 3RB#3            | 22.27       | 23.00        |
| Band2 | 1.4MHz    | QPSK       | 18607   | 6RB#0            | 22.59       | 23.00        |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 6RB#0            | 21.80       | 22.00        |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#0            | 23.47       | 24.00        |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#0            | 22.94       | 23.00        |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#2            | 23.51       | 24.00        |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#2            | 22.92       | 23.00        |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#5            | 23.49       | 24.00        |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#5            | 23.07       | 24.00        |



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|       |        |       |       |        |       |       |
|-------|--------|-------|-------|--------|-------|-------|
| Band2 | 1.4MHz | QPSK  | 18900 | 3RB#0  | 23.66 | 24.00 |
| Band2 | 1.4MHz | 16QAM | 18900 | 3RB#0  | 22.45 | 23.00 |
| Band2 | 1.4MHz | QPSK  | 18900 | 3RB#1  | 23.54 | 24.00 |
| Band2 | 1.4MHz | 16QAM | 18900 | 3RB#1  | 22.52 | 23.00 |
| Band2 | 1.4MHz | QPSK  | 18900 | 3RB#3  | 23.67 | 24.00 |
| Band2 | 1.4MHz | 16QAM | 18900 | 3RB#3  | 22.57 | 23.00 |
| Band2 | 1.4MHz | QPSK  | 18900 | 6RB#0  | 22.69 | 23.00 |
| Band2 | 1.4MHz | 16QAM | 18900 | 6RB#0  | 22.00 | 23.00 |
| Band2 | 1.4MHz | QPSK  | 19193 | 1RB#0  | 23.62 | 24.00 |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#0  | 22.88 | 23.00 |
| Band2 | 1.4MHz | QPSK  | 19193 | 1RB#2  | 23.68 | 24.00 |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#2  | 22.93 | 23.00 |
| Band2 | 1.4MHz | QPSK  | 19193 | 1RB#5  | 23.64 | 24.00 |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#5  | 22.88 | 23.00 |
| Band2 | 1.4MHz | QPSK  | 19193 | 3RB#0  | 23.77 | 24.00 |
| Band2 | 1.4MHz | 16QAM | 19193 | 3RB#0  | 22.41 | 23.00 |
| Band2 | 1.4MHz | QPSK  | 19193 | 3RB#1  | 23.75 | 24.00 |
| Band2 | 1.4MHz | 16QAM | 19193 | 3RB#1  | 22.61 | 23.00 |
| Band2 | 1.4MHz | QPSK  | 19193 | 3RB#3  | 23.76 | 24.00 |
| Band2 | 1.4MHz | 16QAM | 19193 | 3RB#3  | 22.62 | 23.00 |
| Band2 | 1.4MHz | QPSK  | 19193 | 6RB#0  | 22.87 | 23.00 |
| Band2 | 1.4MHz | 16QAM | 19193 | 6RB#0  | 22.17 | 23.00 |
| Band2 | 3MHz   | QPSK  | 18615 | 1RB#0  | 21.43 | 22.00 |
| Band2 | 3MHz   | 16QAM | 18615 | 1RB#0  | 20.42 | 21.00 |
| Band2 | 3MHz   | QPSK  | 18615 | 1RB#8  | 21.50 | 22.00 |
| Band2 | 3MHz   | 16QAM | 18615 | 1RB#8  | 20.41 | 21.00 |
| Band2 | 3MHz   | QPSK  | 18615 | 1RB#14 | 21.50 | 22.00 |
| Band2 | 3MHz   | 16QAM | 18615 | 1RB#14 | 20.44 | 21.00 |
| Band2 | 3MHz   | QPSK  | 18615 | 8RB#0  | 20.49 | 21.00 |
| Band2 | 3MHz   | 16QAM | 18615 | 8RB#0  | 19.84 | 20.00 |
| Band2 | 3MHz   | QPSK  | 18615 | 8RB#4  | 20.50 | 21.00 |
| Band2 | 3MHz   | 16QAM | 18615 | 8RB#4  | 19.85 | 20.00 |
| Band2 | 3MHz   | QPSK  | 18615 | 8RB#7  | 20.46 | 21.00 |
| Band2 | 3MHz   | 16QAM | 18615 | 8RB#7  | 19.86 | 20.00 |
| Band2 | 3MHz   | QPSK  | 18615 | 15RB#0 | 20.57 | 21.00 |
| Band2 | 3MHz   | 16QAM | 18615 | 15RB#0 | 19.65 | 20.00 |
| Band2 | 3MHz   | QPSK  | 18900 | 1RB#0  | 21.92 | 22.00 |
| Band2 | 3MHz   | 16QAM | 18900 | 1RB#0  | 21.05 | 22.00 |
| Band2 | 3MHz   | QPSK  | 18900 | 1RB#8  | 22.03 | 23.00 |
| Band2 | 3MHz   | 16QAM | 18900 | 1RB#8  | 21.02 | 22.00 |



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|       |      |       |       |         |       |       |
|-------|------|-------|-------|---------|-------|-------|
| Band2 | 3MHz | QPSK  | 18900 | 1RB#14  | 22.13 | 23.00 |
| Band2 | 3MHz | 16QAM | 18900 | 1RB#14  | 21.11 | 22.00 |
| Band2 | 3MHz | QPSK  | 18900 | 8RB#0   | 21.15 | 22.00 |
| Band2 | 3MHz | 16QAM | 18900 | 8RB#0   | 20.35 | 21.00 |
| Band2 | 3MHz | QPSK  | 18900 | 8RB#4   | 21.20 | 22.00 |
| Band2 | 3MHz | 16QAM | 18900 | 8RB#4   | 20.41 | 21.00 |
| Band2 | 3MHz | QPSK  | 18900 | 8RB#7   | 21.25 | 22.00 |
| Band2 | 3MHz | 16QAM | 18900 | 8RB#7   | 20.45 | 21.00 |
| Band2 | 3MHz | QPSK  | 18900 | 15RB#0  | 21.22 | 22.00 |
| Band2 | 3MHz | 16QAM | 18900 | 15RB#0  | 20.28 | 21.00 |
| Band2 | 3MHz | QPSK  | 19185 | 1RB#0   | 23.01 | 24.00 |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#0   | 22.02 | 23.00 |
| Band2 | 3MHz | QPSK  | 19185 | 1RB#8   | 23.06 | 24.00 |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#8   | 22.03 | 23.00 |
| Band2 | 3MHz | QPSK  | 19185 | 1RB#14  | 23.07 | 24.00 |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#14  | 22.14 | 23.00 |
| Band2 | 3MHz | QPSK  | 19185 | 8RB#0   | 22.22 | 23.00 |
| Band2 | 3MHz | 16QAM | 19185 | 8RB#0   | 21.48 | 22.00 |
| Band2 | 3MHz | QPSK  | 19185 | 8RB#4   | 22.23 | 23.00 |
| Band2 | 3MHz | 16QAM | 19185 | 8RB#4   | 21.48 | 22.00 |
| Band2 | 3MHz | QPSK  | 19185 | 8RB#7   | 22.15 | 23.00 |
| Band2 | 3MHz | 16QAM | 19185 | 8RB#7   | 21.45 | 22.00 |
| Band2 | 3MHz | QPSK  | 19185 | 15RB#0  | 22.19 | 23.00 |
| Band2 | 3MHz | 16QAM | 19185 | 15RB#0  | 21.23 | 22.00 |
| Band2 | 5MHz | QPSK  | 18625 | 1RB#0   | 21.51 | 22.00 |
| Band2 | 5MHz | 16QAM | 18625 | 1RB#0   | 20.00 | 21.00 |
| Band2 | 5MHz | QPSK  | 18625 | 1RB#12  | 21.51 | 22.00 |
| Band2 | 5MHz | 16QAM | 18625 | 1RB#12  | 20.14 | 21.00 |
| Band2 | 5MHz | QPSK  | 18625 | 1RB#24  | 21.57 | 22.00 |
| Band2 | 5MHz | 16QAM | 18625 | 1RB#24  | 19.72 | 20.00 |
| Band2 | 5MHz | QPSK  | 18625 | 12RB#0  | 20.29 | 21.00 |
| Band2 | 5MHz | 16QAM | 18625 | 12RB#0  | 19.55 | 20.00 |
| Band2 | 5MHz | QPSK  | 18625 | 12RB#6  | 20.50 | 21.00 |
| Band2 | 5MHz | 16QAM | 18625 | 12RB#6  | 19.60 | 20.00 |
| Band2 | 5MHz | QPSK  | 18625 | 12RB#13 | 20.63 | 21.00 |
| Band2 | 5MHz | 16QAM | 18625 | 12RB#13 | 19.64 | 20.00 |
| Band2 | 5MHz | QPSK  | 18625 | 25RB#0  | 20.54 | 21.00 |
| Band2 | 5MHz | 16QAM | 18625 | 25RB#0  | 19.77 | 20.00 |
| Band2 | 5MHz | QPSK  | 18900 | 1RB#0   | 22.10 | 23.00 |
| Band2 | 5MHz | 16QAM | 18900 | 1RB#0   | 20.59 | 21.00 |



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|-------|-------|-------|-------|---------|-------|-------|
| Band2 | 5MHz  | QPSK  | 18900 | 1RB#12  | 22.13 | 23.00 |
| Band2 | 5MHz  | 16QAM | 18900 | 1RB#12  | 20.49 | 21.00 |
| Band2 | 5MHz  | QPSK  | 18900 | 1RB#24  | 21.96 | 22.00 |
| Band2 | 5MHz  | 16QAM | 18900 | 1RB#24  | 20.45 | 21.00 |
| Band2 | 5MHz  | QPSK  | 18900 | 12RB#0  | 21.16 | 22.00 |
| Band2 | 5MHz  | 16QAM | 18900 | 12RB#0  | 20.29 | 21.00 |
| Band2 | 5MHz  | QPSK  | 18900 | 12RB#6  | 21.20 | 22.00 |
| Band2 | 5MHz  | 16QAM | 18900 | 12RB#6  | 20.18 | 21.00 |
| Band2 | 5MHz  | QPSK  | 18900 | 12RB#13 | 21.27 | 22.00 |
| Band2 | 5MHz  | 16QAM | 18900 | 12RB#13 | 20.29 | 21.00 |
| Band2 | 5MHz  | QPSK  | 18900 | 25RB#0  | 21.08 | 22.00 |
| Band2 | 5MHz  | 16QAM | 18900 | 25RB#0  | 20.38 | 21.00 |
| Band2 | 5MHz  | QPSK  | 19175 | 1RB#0   | 23.02 | 24.00 |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#0   | 21.61 | 22.00 |
| Band2 | 5MHz  | QPSK  | 19175 | 1RB#12  | 23.07 | 24.00 |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#12  | 21.12 | 22.00 |
| Band2 | 5MHz  | QPSK  | 19175 | 1RB#24  | 22.18 | 23.00 |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#24  | 20.81 | 21.00 |
| Band2 | 5MHz  | QPSK  | 19175 | 12RB#0  | 21.11 | 22.00 |
| Band2 | 5MHz  | 16QAM | 19175 | 12RB#0  | 20.31 | 21.00 |
| Band2 | 5MHz  | QPSK  | 19175 | 12RB#6  | 21.94 | 22.00 |
| Band2 | 5MHz  | 16QAM | 19175 | 12RB#6  | 20.21 | 21.00 |
| Band2 | 5MHz  | QPSK  | 19175 | 12RB#13 | 21.88 | 22.00 |
| Band2 | 5MHz  | 16QAM | 19175 | 12RB#13 | 20.37 | 21.00 |
| Band2 | 5MHz  | QPSK  | 19175 | 25RB#0  | 21.85 | 22.00 |
| Band2 | 5MHz  | 16QAM | 19175 | 25RB#0  | 20.73 | 21.00 |
| Band2 | 10MHz | QPSK  | 18650 | 1RB#0   | 21.48 | 22.00 |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#0   | 20.58 | 21.00 |
| Band2 | 10MHz | QPSK  | 18650 | 1RB#24  | 20.48 | 21.00 |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#24  | 19.69 | 20.00 |
| Band2 | 10MHz | QPSK  | 18650 | 1RB#49  | 20.63 | 21.00 |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#49  | 19.75 | 20.00 |
| Band2 | 10MHz | QPSK  | 18650 | 25RB#0  | 19.68 | 20.00 |
| Band2 | 10MHz | 16QAM | 18650 | 25RB#0  | 18.68 | 19.00 |
| Band2 | 10MHz | QPSK  | 18650 | 25RB#12 | 19.71 | 20.00 |
| Band2 | 10MHz | 16QAM | 18650 | 25RB#12 | 18.70 | 19.00 |
| Band2 | 10MHz | QPSK  | 18650 | 25RB#25 | 19.57 | 20.00 |
| Band2 | 10MHz | 16QAM | 18650 | 25RB#25 | 18.77 | 19.00 |
| Band2 | 10MHz | QPSK  | 18650 | 50RB#0  | 19.70 | 20.00 |
| Band2 | 10MHz | 16QAM | 18650 | 50RB#0  | 18.75 | 19.00 |



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|-------|-------|-------|-------|---------|-------|-------|
| Band2 | 10MHz | QPSK  | 18900 | 1RB#0   | 21.85 | 22.00 |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#0   | 20.26 | 21.00 |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#24  | 21.03 | 22.00 |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#24  | 20.35 | 21.00 |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#49  | 21.19 | 22.00 |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#49  | 20.44 | 21.00 |
| Band2 | 10MHz | QPSK  | 18900 | 25RB#0  | 20.08 | 21.00 |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#0  | 19.24 | 20.00 |
| Band2 | 10MHz | QPSK  | 18900 | 25RB#12 | 20.09 | 21.00 |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#12 | 19.27 | 20.00 |
| Band2 | 10MHz | QPSK  | 18900 | 25RB#25 | 20.35 | 21.00 |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#25 | 19.47 | 20.00 |
| Band2 | 10MHz | QPSK  | 18900 | 50RB#0  | 20.19 | 21.00 |
| Band2 | 10MHz | 16QAM | 18900 | 50RB#0  | 19.63 | 20.00 |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#0   | 22.76 | 23.00 |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#0   | 21.90 | 22.00 |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#24  | 22.00 | 23.00 |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#24  | 21.16 | 22.00 |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#49  | 22.12 | 23.00 |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#49  | 21.06 | 22.00 |
| Band2 | 10MHz | QPSK  | 19150 | 25RB#0  | 21.07 | 22.00 |
| Band2 | 10MHz | 16QAM | 19150 | 25RB#0  | 20.13 | 21.00 |
| Band2 | 10MHz | QPSK  | 19150 | 25RB#12 | 20.94 | 21.00 |
| Band2 | 10MHz | 16QAM | 19150 | 25RB#12 | 20.13 | 21.00 |
| Band2 | 10MHz | QPSK  | 19150 | 25RB#25 | 21.20 | 22.00 |
| Band2 | 10MHz | 16QAM | 19150 | 25RB#25 | 20.26 | 21.00 |
| Band2 | 10MHz | QPSK  | 19150 | 50RB#0  | 21.19 | 22.00 |
| Band2 | 10MHz | 16QAM | 19150 | 50RB#0  | 20.27 | 21.00 |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#0   | 20.49 | 21.00 |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#0   | 19.67 | 20.00 |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#38  | 20.56 | 21.00 |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#38  | 19.73 | 20.00 |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#74  | 20.68 | 21.00 |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#74  | 19.84 | 20.00 |
| Band2 | 15MHz | QPSK  | 18675 | 38RB#0  | 19.75 | 20.00 |
| Band2 | 15MHz | 16QAM | 18675 | 38RB#0  | 19.75 | 20.00 |
| Band2 | 15MHz | QPSK  | 18675 | 38RB#18 | 19.75 | 20.00 |
| Band2 | 15MHz | 16QAM | 18675 | 38RB#18 | 19.75 | 20.00 |
| Band2 | 15MHz | QPSK  | 18675 | 38RB#37 | 19.75 | 20.00 |
| Band2 | 15MHz | 16QAM | 18675 | 38RB#37 | 19.74 | 20.00 |



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|       |       |       |       |         |       |       |
|-------|-------|-------|-------|---------|-------|-------|
| Band2 | 15MHz | QPSK  | 18675 | 75RB#0  | 19.74 | 20.00 |
| Band2 | 15MHz | 16QAM | 18675 | 75RB#0  | 18.76 | 19.00 |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#0   | 20.90 | 21.00 |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#0   | 20.16 | 21.00 |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#38  | 21.05 | 22.00 |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#38  | 20.35 | 21.00 |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#74  | 21.30 | 22.00 |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#74  | 20.13 | 21.00 |
| Band2 | 15MHz | QPSK  | 18900 | 38RB#0  | 20.24 | 21.00 |
| Band2 | 15MHz | 16QAM | 18900 | 38RB#0  | 20.25 | 21.00 |
| Band2 | 15MHz | QPSK  | 18900 | 38RB#18 | 20.24 | 21.00 |
| Band2 | 15MHz | 16QAM | 18900 | 38RB#18 | 20.25 | 21.00 |
| Band2 | 15MHz | QPSK  | 18900 | 38RB#37 | 20.25 | 21.00 |
| Band2 | 15MHz | 16QAM | 18900 | 38RB#37 | 20.24 | 21.00 |
| Band2 | 15MHz | QPSK  | 18900 | 75RB#0  | 20.24 | 21.00 |
| Band2 | 15MHz | 16QAM | 18900 | 75RB#0  | 19.35 | 20.00 |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#0   | 21.62 | 22.00 |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#0   | 20.81 | 21.00 |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#38  | 21.94 | 22.00 |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#38  | 21.05 | 22.00 |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#74  | 22.07 | 23.00 |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#74  | 21.21 | 22.00 |
| Band2 | 15MHz | QPSK  | 19125 | 38RB#0  | 20.99 | 21.00 |
| Band2 | 15MHz | 16QAM | 19125 | 38RB#0  | 20.99 | 21.00 |
| Band2 | 15MHz | QPSK  | 19125 | 38RB#18 | 20.99 | 21.00 |
| Band2 | 15MHz | 16QAM | 19125 | 38RB#18 | 20.99 | 21.00 |
| Band2 | 15MHz | QPSK  | 19125 | 38RB#37 | 20.99 | 21.00 |
| Band2 | 15MHz | 16QAM | 19125 | 38RB#37 | 20.99 | 21.00 |
| Band2 | 15MHz | QPSK  | 19125 | 75RB#0  | 20.99 | 21.00 |
| Band2 | 15MHz | 16QAM | 19125 | 75RB#0  | 20.08 | 21.00 |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#0   | 20.74 | 21.00 |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#0   | 19.61 | 20.00 |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#49  | 20.88 | 21.00 |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#49  | 19.61 | 20.00 |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#99  | 21.05 | 22.00 |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#99  | 19.84 | 20.00 |
| Band2 | 20MHz | QPSK  | 18700 | 50RB#0  | 19.64 | 20.00 |
| Band2 | 20MHz | 16QAM | 18700 | 50RB#0  | 18.91 | 19.00 |
| Band2 | 20MHz | QPSK  | 18700 | 50RB#25 | 19.76 | 20.00 |
| Band2 | 20MHz | 16QAM | 18700 | 50RB#25 | 18.91 | 19.00 |



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|-------|-------|-------|-------|---------|-------|-------|
| Band2 | 20MHz | QPSK  | 18700 | 50RB#50 | 19.91 | 20.00 |
| Band2 | 20MHz | 16QAM | 18700 | 50RB#50 | 18.99 | 19.00 |
| Band2 | 20MHz | QPSK  | 18700 | 100RB#0 | 19.80 | 20.00 |
| Band2 | 20MHz | 16QAM | 18700 | 100RB#0 | 18.95 | 19.00 |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#0   | 20.88 | 21.00 |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#0   | 20.14 | 21.00 |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#49  | 21.16 | 22.00 |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#49  | 20.36 | 21.00 |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#99  | 21.48 | 22.00 |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#99  | 20.67 | 21.00 |
| Band2 | 20MHz | QPSK  | 18900 | 50RB#0  | 20.15 | 21.00 |
| Band2 | 20MHz | 16QAM | 18900 | 50RB#0  | 19.29 | 20.00 |
| Band2 | 20MHz | QPSK  | 18900 | 50RB#25 | 20.08 | 21.00 |
| Band2 | 20MHz | 16QAM | 18900 | 50RB#25 | 19.29 | 20.00 |
| Band2 | 20MHz | QPSK  | 18900 | 50RB#50 | 20.39 | 21.00 |
| Band2 | 20MHz | 16QAM | 18900 | 50RB#50 | 19.52 | 20.00 |
| Band2 | 20MHz | QPSK  | 18900 | 100RB#0 | 20.29 | 21.00 |
| Band2 | 20MHz | 16QAM | 18900 | 100RB#0 | 19.35 | 20.00 |
| Band2 | 20MHz | QPSK  | 19100 | 1RB#0   | 21.85 | 22.00 |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#0   | 20.71 | 21.00 |
| Band2 | 20MHz | QPSK  | 19100 | 1RB#49  | 21.83 | 22.00 |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#49  | 21.05 | 22.00 |
| Band2 | 20MHz | QPSK  | 19100 | 1RB#99  | 22.14 | 23.00 |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#99  | 21.39 | 22.00 |
| Band2 | 20MHz | QPSK  | 19100 | 50RB#0  | 20.85 | 21.00 |
| Band2 | 20MHz | 16QAM | 19100 | 50RB#0  | 19.87 | 20.00 |
| Band2 | 20MHz | QPSK  | 19100 | 50RB#25 | 20.77 | 21.00 |
| Band2 | 20MHz | 16QAM | 19100 | 50RB#25 | 19.87 | 20.00 |
| Band2 | 20MHz | QPSK  | 19100 | 50RB#50 | 21.16 | 22.00 |
| Band2 | 20MHz | 16QAM | 19100 | 50RB#50 | 20.28 | 21.00 |
| Band2 | 20MHz | QPSK  | 19100 | 100RB#0 | 20.98 | 21.00 |
| Band2 | 20MHz | 16QAM | 19100 | 100RB#0 | 20.09 | 21.00 |

### 1.1.6. Conducted Power Measurement Results(LTE Band 4)

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Tune up(dBm) |
|-------|-----------|------------|---------|------------------|-------------|--------------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | 20.64       | 21.00        |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | 20.40       | 21.00        |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#2            | 20.71       | 21.00        |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#2            | 20.34       | 21.00        |



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|       |        |       |       |       |       |       |
|-------|--------|-------|-------|-------|-------|-------|
| Band4 | 1.4MHz | QPSK  | 19957 | 1RB#5 | 20.68 | 21.00 |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#5 | 20.49 | 21.00 |
| Band4 | 1.4MHz | QPSK  | 19957 | 3RB#0 | 20.75 | 21.00 |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#0 | 19.71 | 20.00 |
| Band4 | 1.4MHz | QPSK  | 19957 | 3RB#1 | 20.72 | 21.00 |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#1 | 19.69 | 20.00 |
| Band4 | 1.4MHz | QPSK  | 19957 | 3RB#3 | 20.80 | 21.00 |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#3 | 19.67 | 20.00 |
| Band4 | 1.4MHz | QPSK  | 19957 | 6RB#0 | 19.95 | 20.00 |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0 | 19.22 | 20.00 |
| Band4 | 1.4MHz | QPSK  | 20175 | 1RB#0 | 21.30 | 22.00 |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#0 | 20.84 | 21.00 |
| Band4 | 1.4MHz | QPSK  | 20175 | 1RB#2 | 21.39 | 22.00 |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#2 | 20.92 | 21.00 |
| Band4 | 1.4MHz | QPSK  | 20175 | 1RB#5 | 21.36 | 22.00 |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#5 | 20.89 | 21.00 |
| Band4 | 1.4MHz | QPSK  | 20175 | 3RB#0 | 21.36 | 22.00 |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#0 | 20.25 | 21.00 |
| Band4 | 1.4MHz | QPSK  | 20175 | 3RB#1 | 21.46 | 22.00 |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#1 | 20.44 | 21.00 |
| Band4 | 1.4MHz | QPSK  | 20175 | 3RB#3 | 21.38 | 22.00 |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#3 | 20.56 | 21.00 |
| Band4 | 1.4MHz | QPSK  | 20175 | 6RB#0 | 20.65 | 21.00 |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0 | 19.88 | 20.00 |
| Band4 | 1.4MHz | QPSK  | 20393 | 1RB#0 | 21.99 | 22.00 |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#0 | 20.75 | 21.00 |
| Band4 | 1.4MHz | QPSK  | 20393 | 1RB#2 | 21.95 | 22.00 |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#2 | 20.75 | 21.00 |
| Band4 | 1.4MHz | QPSK  | 20393 | 1RB#5 | 21.99 | 22.00 |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#5 | 20.70 | 21.00 |
| Band4 | 1.4MHz | QPSK  | 20393 | 3RB#0 | 21.94 | 22.00 |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#0 | 20.78 | 21.00 |
| Band4 | 1.4MHz | QPSK  | 20393 | 3RB#1 | 21.92 | 22.00 |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#1 | 21.02 | 22.00 |
| Band4 | 1.4MHz | QPSK  | 20393 | 3RB#3 | 22.01 | 23.00 |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#3 | 21.01 | 22.00 |
| Band4 | 1.4MHz | QPSK  | 20393 | 6RB#0 | 21.05 | 22.00 |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0 | 20.31 | 21.00 |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#0 | 22.93 | 23.00 |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#0 | 22.18 | 23.00 |



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|       |      |       |       |        |       |       |
|-------|------|-------|-------|--------|-------|-------|
| Band4 | 3MHz | QPSK  | 19965 | 1RB#8  | 23.01 | 24.00 |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#8  | 22.20 | 23.00 |
| Band4 | 3MHz | QPSK  | 19965 | 1RB#14 | 22.89 | 23.00 |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#14 | 22.14 | 23.00 |
| Band4 | 3MHz | QPSK  | 19965 | 8RB#0  | 22.31 | 23.00 |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#0  | 21.63 | 22.00 |
| Band4 | 3MHz | QPSK  | 19965 | 8RB#4  | 22.23 | 23.00 |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#4  | 21.63 | 22.00 |
| Band4 | 3MHz | QPSK  | 19965 | 8RB#7  | 22.22 | 23.00 |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#7  | 21.48 | 22.00 |
| Band4 | 3MHz | QPSK  | 19965 | 15RB#0 | 22.21 | 23.00 |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | 21.42 | 22.00 |
| Band4 | 3MHz | QPSK  | 20175 | 1RB#0  | 23.13 | 24.00 |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#0  | 21.66 | 22.00 |
| Band4 | 3MHz | QPSK  | 20175 | 1RB#8  | 23.07 | 24.00 |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#8  | 21.65 | 22.00 |
| Band4 | 3MHz | QPSK  | 20175 | 1RB#14 | 22.96 | 23.00 |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#14 | 21.70 | 22.00 |
| Band4 | 3MHz | QPSK  | 20175 | 8RB#0  | 22.31 | 23.00 |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#0  | 21.58 | 22.00 |
| Band4 | 3MHz | QPSK  | 20175 | 8RB#4  | 22.30 | 23.00 |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#4  | 21.66 | 22.00 |
| Band4 | 3MHz | QPSK  | 20175 | 8RB#7  | 22.19 | 23.00 |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#7  | 21.64 | 22.00 |
| Band4 | 3MHz | QPSK  | 20175 | 15RB#0 | 22.23 | 23.00 |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | 21.35 | 22.00 |
| Band4 | 3MHz | QPSK  | 20385 | 1RB#0  | 22.88 | 23.00 |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#0  | 22.30 | 23.00 |
| Band4 | 3MHz | QPSK  | 20385 | 1RB#8  | 22.96 | 23.00 |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#8  | 22.18 | 23.00 |
| Band4 | 3MHz | QPSK  | 20385 | 1RB#14 | 22.96 | 23.00 |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#14 | 22.27 | 23.00 |
| Band4 | 3MHz | QPSK  | 20385 | 8RB#0  | 22.20 | 23.00 |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#0  | 21.45 | 22.00 |
| Band4 | 3MHz | QPSK  | 20385 | 8RB#4  | 22.14 | 23.00 |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#4  | 21.37 | 22.00 |
| Band4 | 3MHz | QPSK  | 20385 | 8RB#7  | 22.11 | 23.00 |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#7  | 21.45 | 22.00 |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | 22.18 | 23.00 |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | 21.45 | 22.00 |



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|-------|------|-------|-------|---------|-------|-------|
| Band4 | 5MHz | QPSK  | 19975 | 1RB#0   | 22.00 | 23.00 |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#0   | 20.60 | 21.00 |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#12  | 21.95 | 22.00 |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#12  | 20.55 | 21.00 |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#24  | 21.98 | 22.00 |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#24  | 20.56 | 21.00 |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#0  | 21.14 | 22.00 |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#0  | 20.26 | 21.00 |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#6  | 21.22 | 22.00 |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#6  | 20.28 | 21.00 |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#13 | 21.15 | 22.00 |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#13 | 20.30 | 21.00 |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0  | 21.17 | 22.00 |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0  | 20.43 | 21.00 |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#0   | 22.02 | 23.00 |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#0   | 21.54 | 22.00 |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#12  | 22.14 | 23.00 |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#12  | 21.65 | 22.00 |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#24  | 22.16 | 23.00 |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#24  | 21.35 | 22.00 |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#0  | 21.42 | 22.00 |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#0  | 20.63 | 21.00 |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#6  | 21.42 | 22.00 |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#6  | 20.62 | 21.00 |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#13 | 21.40 | 22.00 |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#13 | 20.55 | 21.00 |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0  | 21.47 | 22.00 |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0  | 20.58 | 21.00 |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#0   | 22.36 | 23.00 |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#0   | 21.16 | 22.00 |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#12  | 22.40 | 23.00 |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#12  | 21.07 | 22.00 |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#24  | 22.38 | 23.00 |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#24  | 21.34 | 22.00 |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#0  | 21.54 | 22.00 |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#0  | 20.69 | 21.00 |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#6  | 21.56 | 22.00 |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#6  | 20.70 | 21.00 |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#13 | 21.59 | 22.00 |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#13 | 20.69 | 21.00 |



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|-------|-------|-------|-------|---------|-------|-------|
| Band4 | 5MHz  | QPSK  | 20375 | 25RB#0  | 21.53 | 22.00 |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0  | 20.67 | 21.00 |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0   | 23.94 | 24.00 |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0   | 23.00 | 24.00 |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#24  | 23.89 | 24.00 |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#24  | 23.07 | 24.00 |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#49  | 23.95 | 24.00 |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#49  | 22.98 | 23.00 |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#0  | 23.03 | 24.00 |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#0  | 22.08 | 23.00 |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#12 | 23.09 | 24.00 |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#12 | 22.11 | 23.00 |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#25 | 22.98 | 23.00 |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#25 | 22.11 | 23.00 |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0  | 22.94 | 23.00 |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0  | 22.12 | 23.00 |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0   | 24.19 | 25.00 |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0   | 23.03 | 24.00 |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#24  | 24.18 | 25.00 |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#24  | 23.06 | 24.00 |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#49  | 24.19 | 25.00 |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#49  | 23.05 | 24.00 |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#0  | 23.07 | 24.00 |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#0  | 22.35 | 23.00 |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#12 | 23.15 | 24.00 |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#12 | 22.32 | 23.00 |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#25 | 23.13 | 24.00 |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#25 | 22.27 | 23.00 |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0  | 23.08 | 24.00 |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0  | 22.33 | 23.00 |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0   | 24.07 | 25.00 |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0   | 23.79 | 24.00 |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#24  | 24.15 | 25.00 |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#24  | 23.85 | 24.00 |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#49  | 24.17 | 25.00 |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#49  | 23.78 | 24.00 |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#0  | 23.14 | 24.00 |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#0  | 22.20 | 23.00 |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#12 | 23.13 | 24.00 |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#12 | 22.26 | 23.00 |



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|-------|-------|-------|-------|---------|-------|-------|
| Band4 | 10MHz | QPSK  | 20350 | 25RB#25 | 23.09 | 24.00 |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#25 | 22.26 | 23.00 |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | 23.20 | 24.00 |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0  | 22.31 | 23.00 |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0   | 24.09 | 25.00 |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0   | 23.10 | 24.00 |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#38  | 24.01 | 25.00 |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#38  | 23.08 | 24.00 |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#74  | 24.01 | 25.00 |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#74  | 23.06 | 24.00 |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#0  | 23.07 | 24.00 |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#0  | 23.07 | 24.00 |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#18 | 23.07 | 24.00 |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#18 | 23.07 | 24.00 |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#37 | 23.07 | 24.00 |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#37 | 23.07 | 24.00 |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 23.07 | 24.00 |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 22.17 | 23.00 |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0   | 23.80 | 24.00 |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0   | 23.02 | 24.00 |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#38  | 23.69 | 24.00 |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#38  | 23.05 | 24.00 |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#74  | 23.80 | 24.00 |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#74  | 22.93 | 23.00 |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#0  | 23.13 | 24.00 |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#0  | 23.14 | 24.00 |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#18 | 23.14 | 24.00 |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#18 | 23.14 | 24.00 |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#37 | 23.15 | 24.00 |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#37 | 23.15 | 24.00 |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 23.14 | 24.00 |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 22.30 | 23.00 |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0   | 24.11 | 25.00 |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | 23.86 | 24.00 |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#38  | 24.20 | 25.00 |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#38  | 23.91 | 24.00 |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#74  | 24.16 | 25.00 |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#74  | 23.88 | 24.00 |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#0  | 23.30 | 24.00 |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#0  | 23.29 | 24.00 |



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|-------|-------|-------|-------|---------|-------|-------|
| Band4 | 15MHz | QPSK  | 20325 | 38RB#18 | 23.29 | 24.00 |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#18 | 23.28 | 24.00 |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#37 | 23.27 | 24.00 |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#37 | 23.27 | 24.00 |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 23.27 | 24.00 |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 22.35 | 23.00 |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | 24.33 | 25.00 |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | 23.14 | 24.00 |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#49  | 24.27 | 25.00 |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#49  | 23.00 | 24.00 |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#99  | 24.30 | 25.00 |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99  | 23.01 | 24.00 |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#0  | 23.15 | 24.00 |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#0  | 22.27 | 23.00 |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#25 | 23.28 | 24.00 |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#25 | 22.28 | 23.00 |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#50 | 23.11 | 24.00 |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#50 | 22.33 | 23.00 |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 23.21 | 24.00 |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 22.18 | 23.00 |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0   | 24.15 | 25.00 |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0   | 23.49 | 24.00 |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#49  | 24.16 | 25.00 |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#49  | 23.53 | 24.00 |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#99  | 24.16 | 25.00 |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#99  | 23.52 | 24.00 |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#0  | 23.23 | 24.00 |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#0  | 22.32 | 23.00 |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#25 | 23.28 | 24.00 |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#25 | 22.34 | 23.00 |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#50 | 23.14 | 24.00 |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#50 | 22.25 | 23.00 |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 23.26 | 24.00 |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 22.38 | 23.00 |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | 24.21 | 25.00 |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | 22.87 | 23.00 |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#49  | 24.23 | 25.00 |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#49  | 22.77 | 23.00 |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#99  | 24.18 | 25.00 |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99  | 22.85 | 23.00 |



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|-------|-------|-------|-------|---------|-------|-------|
| Band4 | 20MHz | QPSK  | 20300 | 50RB#0  | 23.22 | 24.00 |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#0  | 22.32 | 23.00 |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#25 | 23.24 | 24.00 |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#25 | 22.33 | 23.00 |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#50 | 23.21 | 24.00 |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#50 | 22.26 | 23.00 |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 23.14 | 24.00 |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 22.23 | 23.00 |

### 1.1.7. Conducted Power Measurement Results(LTE Band 5)

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Tune up(dBm) |
|-------|-----------|------------|---------|------------------|-------------|--------------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | 23.98       | 24.00        |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | 23.57       | 24.00        |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#2            | 24.01       | 25.00        |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#2            | 23.52       | 24.00        |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#5            | 24.02       | 25.00        |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#5            | 23.58       | 24.00        |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#0            | 24.19       | 25.00        |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 3RB#0            | 23.43       | 24.00        |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#1            | 24.18       | 25.00        |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 3RB#1            | 23.42       | 24.00        |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#3            | 24.22       | 25.00        |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 3RB#3            | 23.45       | 24.00        |
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | 23.47       | 24.00        |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | 22.61       | 23.00        |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | 24.16       | 25.00        |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#0            | 23.25       | 24.00        |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#2            | 24.16       | 25.00        |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#2            | 23.31       | 24.00        |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#5            | 24.14       | 25.00        |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#5            | 23.39       | 24.00        |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#0            | 24.30       | 25.00        |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 3RB#0            | 23.18       | 24.00        |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#1            | 24.39       | 25.00        |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 3RB#1            | 23.16       | 24.00        |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#3            | 24.28       | 25.00        |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 3RB#3            | 23.16       | 24.00        |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 23.24       | 24.00        |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | 22.83       | 23.00        |



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|-------|--------|-------|-------|--------|-------|-------|
| Band5 | 1.4MHz | QPSK  | 20643 | 1RB#0  | 24.08 | 25.00 |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#0  | 23.40 | 24.00 |
| Band5 | 1.4MHz | QPSK  | 20643 | 1RB#2  | 24.08 | 25.00 |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#2  | 23.23 | 24.00 |
| Band5 | 1.4MHz | QPSK  | 20643 | 1RB#5  | 24.06 | 25.00 |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#5  | 23.26 | 24.00 |
| Band5 | 1.4MHz | QPSK  | 20643 | 3RB#0  | 24.19 | 25.00 |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#0  | 22.84 | 23.00 |
| Band5 | 1.4MHz | QPSK  | 20643 | 3RB#1  | 24.10 | 25.00 |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#1  | 22.88 | 23.00 |
| Band5 | 1.4MHz | QPSK  | 20643 | 3RB#3  | 24.13 | 25.00 |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#3  | 22.89 | 23.00 |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0  | 23.14 | 24.00 |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | 22.61 | 23.00 |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#0  | 23.96 | 24.00 |
| Band5 | 3MHz   | 16QAM | 20415 | 1RB#0  | 23.16 | 24.00 |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#8  | 23.99 | 24.00 |
| Band5 | 3MHz   | 16QAM | 20415 | 1RB#8  | 23.26 | 24.00 |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#14 | 23.96 | 24.00 |
| Band5 | 3MHz   | 16QAM | 20415 | 1RB#14 | 22.84 | 23.00 |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#0  | 23.54 | 24.00 |
| Band5 | 3MHz   | 16QAM | 20415 | 8RB#0  | 22.67 | 23.00 |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#4  | 23.56 | 24.00 |
| Band5 | 3MHz   | 16QAM | 20415 | 8RB#4  | 22.67 | 23.00 |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#7  | 23.09 | 24.00 |
| Band5 | 3MHz   | 16QAM | 20415 | 8RB#7  | 22.23 | 23.00 |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0 | 23.49 | 24.00 |
| Band5 | 3MHz   | 16QAM | 20415 | 15RB#0 | 22.51 | 23.00 |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#0  | 24.40 | 25.00 |
| Band5 | 3MHz   | 16QAM | 20525 | 1RB#0  | 22.69 | 23.00 |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#8  | 24.34 | 25.00 |
| Band5 | 3MHz   | 16QAM | 20525 | 1RB#8  | 22.67 | 23.00 |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#14 | 24.35 | 25.00 |
| Band5 | 3MHz   | 16QAM | 20525 | 1RB#14 | 22.76 | 23.00 |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#0  | 23.18 | 24.00 |
| Band5 | 3MHz   | 16QAM | 20525 | 8RB#0  | 22.78 | 23.00 |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#4  | 23.19 | 24.00 |
| Band5 | 3MHz   | 16QAM | 20525 | 8RB#4  | 22.78 | 23.00 |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#7  | 23.32 | 24.00 |
| Band5 | 3MHz   | 16QAM | 20525 | 8RB#7  | 22.77 | 23.00 |



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|-------|------|-------|-------|---------|-------|-------|
| Band5 | 3MHz | QPSK  | 20525 | 15RB#0  | 23.35 | 24.00 |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0  | 22.52 | 23.00 |
| Band5 | 3MHz | QPSK  | 20635 | 1RB#0   | 24.24 | 25.00 |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#0   | 23.53 | 24.00 |
| Band5 | 3MHz | QPSK  | 20635 | 1RB#8   | 24.14 | 25.00 |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#8   | 23.38 | 24.00 |
| Band5 | 3MHz | QPSK  | 20635 | 1RB#14  | 24.03 | 25.00 |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#14  | 23.29 | 24.00 |
| Band5 | 3MHz | QPSK  | 20635 | 8RB#0   | 23.30 | 24.00 |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#0   | 22.23 | 23.00 |
| Band5 | 3MHz | QPSK  | 20635 | 8RB#4   | 23.25 | 24.00 |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#4   | 22.25 | 23.00 |
| Band5 | 3MHz | QPSK  | 20635 | 8RB#7   | 22.98 | 23.00 |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#7   | 22.56 | 23.00 |
| Band5 | 3MHz | QPSK  | 20635 | 15RB#0  | 23.34 | 24.00 |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0  | 22.20 | 23.00 |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#0   | 24.09 | 25.00 |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#0   | 23.06 | 24.00 |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#12  | 24.17 | 25.00 |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#12  | 22.59 | 23.00 |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#24  | 24.22 | 25.00 |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#24  | 22.68 | 23.00 |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#0  | 23.50 | 24.00 |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#0  | 22.56 | 23.00 |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#6  | 23.44 | 24.00 |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#6  | 22.57 | 23.00 |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#13 | 23.09 | 24.00 |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#13 | 22.19 | 23.00 |
| Band5 | 5MHz | QPSK  | 20425 | 25RB#0  | 22.96 | 23.00 |
| Band5 | 5MHz | 16QAM | 20425 | 25RB#0  | 22.18 | 23.00 |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#0   | 24.29 | 25.00 |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#0   | 23.21 | 24.00 |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#12  | 24.29 | 25.00 |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#12  | 23.27 | 24.00 |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#24  | 24.24 | 25.00 |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#24  | 23.26 | 24.00 |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#0  | 23.32 | 24.00 |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#0  | 22.80 | 23.00 |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#6  | 23.31 | 24.00 |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#6  | 22.81 | 23.00 |



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|-------|-------|-------|-------|---------|-------|-------|
| Band5 | 5MHz  | QPSK  | 20525 | 12RB#13 | 23.33 | 24.00 |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#13 | 22.82 | 23.00 |
| Band5 | 5MHz  | QPSK  | 20525 | 25RB#0  | 23.33 | 24.00 |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0  | 22.77 | 23.00 |
| Band5 | 5MHz  | QPSK  | 20625 | 1RB#0   | 24.24 | 25.00 |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#0   | 22.79 | 23.00 |
| Band5 | 5MHz  | QPSK  | 20625 | 1RB#12  | 24.19 | 25.00 |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#12  | 22.97 | 23.00 |
| Band5 | 5MHz  | QPSK  | 20625 | 1RB#24  | 23.87 | 24.00 |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#24  | 22.71 | 23.00 |
| Band5 | 5MHz  | QPSK  | 20625 | 12RB#0  | 23.15 | 24.00 |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#0  | 22.47 | 23.00 |
| Band5 | 5MHz  | QPSK  | 20625 | 12RB#6  | 23.21 | 24.00 |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#6  | 22.48 | 23.00 |
| Band5 | 5MHz  | QPSK  | 20625 | 12RB#13 | 23.20 | 24.00 |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#13 | 22.10 | 23.00 |
| Band5 | 5MHz  | QPSK  | 20625 | 25RB#0  | 23.34 | 24.00 |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0  | 22.33 | 23.00 |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0   | 24.05 | 25.00 |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0   | 23.24 | 24.00 |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#24  | 24.24 | 25.00 |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#24  | 23.06 | 24.00 |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#49  | 24.17 | 25.00 |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#49  | 22.92 | 23.00 |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#0  | 23.02 | 24.00 |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#0  | 22.06 | 23.00 |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#12 | 23.05 | 24.00 |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#12 | 22.07 | 23.00 |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#25 | 23.10 | 24.00 |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#25 | 22.22 | 23.00 |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0  | 23.19 | 24.00 |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0  | 22.13 | 23.00 |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0   | 24.18 | 25.00 |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0   | 23.05 | 24.00 |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#24  | 24.19 | 25.00 |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#24  | 23.04 | 24.00 |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#49  | 24.21 | 25.00 |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#49  | 23.16 | 24.00 |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#0  | 23.29 | 24.00 |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#0  | 22.76 | 23.00 |



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|-------|-------|-------|-------|---------|-------|-------|
| Band5 | 10MHz | QPSK  | 20525 | 25RB#12 | 23.11 | 24.00 |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#12 | 22.77 | 23.00 |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#25 | 23.05 | 24.00 |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#25 | 22.79 | 23.00 |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0  | 23.30 | 24.00 |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0  | 22.71 | 23.00 |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0   | 24.15 | 25.00 |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0   | 23.64 | 24.00 |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#24  | 24.09 | 25.00 |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#24  | 23.57 | 24.00 |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#49  | 23.95 | 24.00 |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49  | 23.50 | 24.00 |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#0  | 23.25 | 24.00 |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#0  | 22.67 | 23.00 |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#12 | 23.29 | 24.00 |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#12 | 22.69 | 23.00 |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#25 | 23.32 | 24.00 |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#25 | 22.28 | 23.00 |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0  | 23.08 | 24.00 |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0  | 22.27 | 23.00 |

#### 1.1.8. Conducted Power Measurement Results(LTE Band 7)

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Tune up(dBm) |
|-------|-----------|------------|---------|------------------|-------------|--------------|
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | 24.21       | 25.00        |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | 23.06       | 24.00        |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#12           | 24.50       | 25.00        |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#12           | 22.97       | 23.00        |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#24           | 24.15       | 25.00        |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#24           | 23.08       | 24.00        |
| Band7 | 5MHz      | QPSK       | 20775   | 12RB#0           | 23.48       | 24.00        |
| Band7 | 5MHz      | 16QAM      | 20775   | 12RB#0           | 22.54       | 23.00        |
| Band7 | 5MHz      | QPSK       | 20775   | 12RB#6           | 23.45       | 24.00        |
| Band7 | 5MHz      | 16QAM      | 20775   | 12RB#6           | 22.55       | 23.00        |
| Band7 | 5MHz      | QPSK       | 20775   | 12RB#13          | 23.57       | 24.00        |
| Band7 | 5MHz      | 16QAM      | 20775   | 12RB#13          | 22.58       | 23.00        |
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0           | 23.45       | 24.00        |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0           | 22.66       | 23.00        |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | 24.10       | 25.00        |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#0            | 23.35       | 24.00        |



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|       |       |       |       |         |       |       |
|-------|-------|-------|-------|---------|-------|-------|
| Band7 | 5MHz  | QPSK  | 21100 | 1RB#12  | 23.99 | 24.00 |
| Band7 | 5MHz  | 16QAM | 21100 | 1RB#12  | 23.31 | 24.00 |
| Band7 | 5MHz  | QPSK  | 21100 | 1RB#24  | 23.48 | 24.00 |
| Band7 | 5MHz  | 16QAM | 21100 | 1RB#24  | 23.29 | 24.00 |
| Band7 | 5MHz  | QPSK  | 21100 | 12RB#0  | 23.19 | 24.00 |
| Band7 | 5MHz  | 16QAM | 21100 | 12RB#0  | 22.31 | 23.00 |
| Band7 | 5MHz  | QPSK  | 21100 | 12RB#6  | 23.29 | 24.00 |
| Band7 | 5MHz  | 16QAM | 21100 | 12RB#6  | 22.43 | 23.00 |
| Band7 | 5MHz  | QPSK  | 21100 | 12RB#13 | 23.16 | 24.00 |
| Band7 | 5MHz  | 16QAM | 21100 | 12RB#13 | 22.36 | 23.00 |
| Band7 | 5MHz  | QPSK  | 21100 | 25RB#0  | 23.30 | 24.00 |
| Band7 | 5MHz  | 16QAM | 21100 | 25RB#0  | 22.37 | 23.00 |
| Band7 | 5MHz  | QPSK  | 21425 | 1RB#0   | 24.69 | 25.00 |
| Band7 | 5MHz  | 16QAM | 21425 | 1RB#0   | 22.92 | 23.00 |
| Band7 | 5MHz  | QPSK  | 21425 | 1RB#12  | 24.62 | 25.00 |
| Band7 | 5MHz  | 16QAM | 21425 | 1RB#12  | 22.89 | 23.00 |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#0   | 24.55 | 25.00 |
| Band7 | 5MHz  | QPSK  | 21425 | 1RB#24  | 22.95 | 23.00 |
| Band7 | 5MHz  | 16QAM | 21425 | 1RB#24  | 23.63 | 24.00 |
| Band7 | 5MHz  | QPSK  | 21425 | 12RB#0  | 22.67 | 23.00 |
| Band7 | 5MHz  | 16QAM | 21425 | 12RB#0  | 23.58 | 24.00 |
| Band7 | 5MHz  | QPSK  | 21425 | 12RB#6  | 22.65 | 23.00 |
| Band7 | 5MHz  | 16QAM | 21425 | 12RB#6  | 23.56 | 24.00 |
| Band7 | 5MHz  | QPSK  | 21425 | 12RB#13 | 22.60 | 23.00 |
| Band7 | 5MHz  | 16QAM | 21425 | 12RB#13 | 23.52 | 24.00 |
| Band7 | 5MHz  | QPSK  | 21425 | 25RB#0  | 22.77 | 23.00 |
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0  | 24.23 | 25.00 |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0   | 23.56 | 24.00 |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#24  | 24.39 | 25.00 |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#24  | 23.63 | 24.00 |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#49  | 24.50 | 25.00 |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#49  | 23.71 | 24.00 |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#0  | 23.56 | 24.00 |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#0  | 22.66 | 23.00 |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#12 | 23.54 | 24.00 |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#12 | 22.66 | 23.00 |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#25 | 23.48 | 24.00 |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#25 | 22.74 | 23.00 |
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0  | 23.43 | 24.00 |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0  | 22.63 | 23.00 |



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|-------|-------|-------|-------|---------|-------|-------|
| Band7 | 10MHz | QPSK  | 21100 | 1RB#0   | 24.12 | 25.00 |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0   | 23.38 | 24.00 |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#24  | 23.99 | 24.00 |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#24  | 23.27 | 24.00 |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#49  | 23.62 | 24.00 |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#49  | 23.16 | 24.00 |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#0  | 23.26 | 24.00 |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#0  | 22.33 | 23.00 |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#12 | 23.28 | 24.00 |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#12 | 22.32 | 23.00 |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#25 | 23.12 | 24.00 |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#25 | 22.26 | 23.00 |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0  | 23.29 | 24.00 |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0  | 22.31 | 23.00 |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#0   | 24.57 | 25.00 |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0   | 22.93 | 23.00 |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#24  | 24.54 | 25.00 |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#24  | 22.89 | 23.00 |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#49  | 24.47 | 25.00 |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#49  | 22.90 | 23.00 |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#0  | 23.49 | 24.00 |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#0  | 22.61 | 23.00 |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#12 | 23.43 | 24.00 |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#12 | 22.72 | 23.00 |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#25 | 23.48 | 24.00 |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#25 | 22.67 | 23.00 |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0  | 23.41 | 24.00 |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0  | 22.58 | 23.00 |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#0   | 23.98 | 24.00 |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0   | 23.42 | 24.00 |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#38  | 24.27 | 25.00 |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#38  | 23.61 | 24.00 |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#74  | 24.51 | 25.00 |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#74  | 23.54 | 24.00 |
| Band7 | 15MHz | QPSK  | 20825 | 38RB#0  | 23.65 | 24.00 |
| Band7 | 15MHz | 16QAM | 20825 | 38RB#0  | 23.65 | 24.00 |
| Band7 | 15MHz | QPSK  | 20825 | 38RB#18 | 23.64 | 24.00 |
| Band7 | 15MHz | 16QAM | 20825 | 38RB#18 | 23.63 | 24.00 |
| Band7 | 15MHz | QPSK  | 20825 | 38RB#37 | 23.62 | 24.00 |
| Band7 | 15MHz | 16QAM | 20825 | 38RB#37 | 23.61 | 24.00 |



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|-------|-------|-------|-------|---------|-------|-------|
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0  | 23.60 | 24.00 |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | 22.70 | 23.00 |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#0   | 24.17 | 25.00 |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0   | 23.28 | 24.00 |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#38  | 24.00 | 25.00 |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#38  | 23.15 | 24.00 |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#74  | 23.56 | 24.00 |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#74  | 23.12 | 24.00 |
| Band7 | 15MHz | QPSK  | 21100 | 38RB#0  | 23.20 | 24.00 |
| Band7 | 15MHz | 16QAM | 21100 | 38RB#0  | 23.17 | 24.00 |
| Band7 | 15MHz | QPSK  | 21100 | 38RB#18 | 23.14 | 24.00 |
| Band7 | 15MHz | 16QAM | 21100 | 38RB#18 | 23.12 | 24.00 |
| Band7 | 15MHz | QPSK  | 21100 | 38RB#37 | 23.24 | 24.00 |
| Band7 | 15MHz | 16QAM | 21100 | 38RB#37 | 23.21 | 24.00 |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | 23.20 | 24.00 |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | 22.38 | 23.00 |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#0   | 23.87 | 24.00 |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0   | 23.42 | 24.00 |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#38  | 24.23 | 25.00 |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#38  | 23.43 | 24.00 |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#74  | 24.19 | 25.00 |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#74  | 23.51 | 24.00 |
| Band7 | 15MHz | QPSK  | 21375 | 38RB#0  | 23.43 | 24.00 |
| Band7 | 15MHz | 16QAM | 21375 | 38RB#0  | 23.40 | 24.00 |
| Band7 | 15MHz | QPSK  | 21375 | 38RB#18 | 23.38 | 24.00 |
| Band7 | 15MHz | 16QAM | 21375 | 38RB#18 | 23.36 | 24.00 |
| Band7 | 15MHz | QPSK  | 21375 | 38RB#37 | 23.45 | 24.00 |
| Band7 | 15MHz | 16QAM | 21375 | 38RB#37 | 23.42 | 24.00 |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | 23.41 | 24.00 |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | 22.63 | 23.00 |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0   | 24.12 | 25.00 |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0   | 23.30 | 24.00 |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#49  | 24.48 | 25.00 |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#49  | 23.27 | 24.00 |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#99  | 24.64 | 25.00 |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#99  | 23.29 | 24.00 |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#0  | 23.62 | 24.00 |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#0  | 22.77 | 23.00 |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#25 | 23.60 | 24.00 |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#25 | 22.76 | 23.00 |



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|-------|-------|-------|-------|---------|-------|-------|
| Band7 | 20MHz | QPSK  | 20850 | 50RB#50 | 23.48 | 24.00 |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#50 | 22.82 | 23.00 |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | 23.49 | 24.00 |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 22.56 | 23.00 |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0   | 24.56 | 25.00 |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0   | 23.17 | 24.00 |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#49  | 24.27 | 25.00 |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#49  | 23.04 | 24.00 |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#99  | 23.78 | 24.00 |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#99  | 22.99 | 23.00 |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#0  | 23.24 | 24.00 |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#0  | 22.57 | 23.00 |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#25 | 23.23 | 24.00 |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#25 | 22.57 | 23.00 |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#50 | 23.14 | 24.00 |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#50 | 22.33 | 23.00 |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | 23.23 | 24.00 |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 22.30 | 23.00 |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0   | 23.67 | 24.00 |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0   | 23.14 | 24.00 |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#49  | 24.38 | 25.00 |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#49  | 23.27 | 24.00 |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#99  | 24.67 | 25.00 |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#99  | 23.41 | 24.00 |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#0  | 23.47 | 24.00 |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#0  | 22.61 | 23.00 |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#25 | 23.41 | 24.00 |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#25 | 22.58 | 23.00 |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#50 | 23.63 | 24.00 |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#50 | 22.69 | 23.00 |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | 23.50 | 24.00 |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 22.58 | 23.00 |

### 1.1.9. Conducted Power Measurement Results(LTE Band 12)

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Tune up(dBm) |
|--------|-----------|------------|---------|------------------|-------------|--------------|
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#0            | 24.54       | 25.00        |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#0            | 22.94       | 23.00        |
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#2            | 24.53       | 25.00        |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#2            | 23.00       | 24.00        |



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|        |        |       |       |       |       |       |
|--------|--------|-------|-------|-------|-------|-------|
| Band12 | 1.4MHz | QPSK  | 23017 | 1RB#5 | 24.49 | 25.00 |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#5 | 22.96 | 23.00 |
| Band12 | 1.4MHz | QPSK  | 23017 | 3RB#0 | 24.54 | 25.00 |
| Band12 | 1.4MHz | 16QAM | 23017 | 3RB#0 | 23.14 | 24.00 |
| Band12 | 1.4MHz | QPSK  | 23017 | 3RB#1 | 24.46 | 25.00 |
| Band12 | 1.4MHz | 16QAM | 23017 | 3RB#1 | 23.11 | 24.00 |
| Band12 | 1.4MHz | QPSK  | 23017 | 3RB#3 | 24.52 | 25.00 |
| Band12 | 1.4MHz | 16QAM | 23017 | 3RB#3 | 23.21 | 24.00 |
| Band12 | 1.4MHz | QPSK  | 23017 | 6RB#0 | 23.53 | 24.00 |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | 22.91 | 23.00 |
| Band12 | 1.4MHz | QPSK  | 23095 | 1RB#0 | 24.49 | 25.00 |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#0 | 22.84 | 23.00 |
| Band12 | 1.4MHz | QPSK  | 23095 | 1RB#2 | 24.54 | 25.00 |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#2 | 22.97 | 23.00 |
| Band12 | 1.4MHz | QPSK  | 23095 | 1RB#5 | 24.48 | 25.00 |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#5 | 23.00 | 24.00 |
| Band12 | 1.4MHz | QPSK  | 23095 | 3RB#0 | 24.57 | 25.00 |
| Band12 | 1.4MHz | 16QAM | 23095 | 3RB#0 | 23.17 | 24.00 |
| Band12 | 1.4MHz | QPSK  | 23095 | 3RB#1 | 24.43 | 25.00 |
| Band12 | 1.4MHz | 16QAM | 23095 | 3RB#1 | 23.14 | 24.00 |
| Band12 | 1.4MHz | QPSK  | 23095 | 3RB#3 | 24.42 | 25.00 |
| Band12 | 1.4MHz | 16QAM | 23095 | 3RB#3 | 23.04 | 24.00 |
| Band12 | 1.4MHz | QPSK  | 23095 | 6RB#0 | 23.54 | 24.00 |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | 22.51 | 23.00 |
| Band12 | 1.4MHz | QPSK  | 23173 | 1RB#0 | 24.61 | 25.00 |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#0 | 22.98 | 23.00 |
| Band12 | 1.4MHz | QPSK  | 23173 | 1RB#2 | 24.46 | 25.00 |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#2 | 22.88 | 23.00 |
| Band12 | 1.4MHz | QPSK  | 23173 | 1RB#5 | 24.62 | 25.00 |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#5 | 22.93 | 23.00 |
| Band12 | 1.4MHz | QPSK  | 23173 | 3RB#0 | 24.47 | 25.00 |
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#0 | 23.00 | 24.00 |
| Band12 | 1.4MHz | QPSK  | 23173 | 3RB#1 | 24.46 | 25.00 |
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#1 | 22.93 | 23.00 |
| Band12 | 1.4MHz | QPSK  | 23173 | 3RB#3 | 24.52 | 25.00 |
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#3 | 22.99 | 23.00 |
| Band12 | 1.4MHz | QPSK  | 23173 | 6RB#0 | 23.45 | 24.00 |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | 22.34 | 23.00 |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#0 | 24.48 | 25.00 |
| Band12 | 3MHz   | 16QAM | 23025 | 1RB#0 | 23.49 | 24.00 |



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|        |      |       |       |        |       |       |
|--------|------|-------|-------|--------|-------|-------|
| Band12 | 3MHz | QPSK  | 23025 | 1RB#8  | 24.44 | 25.00 |
| Band12 | 3MHz | 16QAM | 23025 | 1RB#8  | 23.44 | 24.00 |
| Band12 | 3MHz | QPSK  | 23025 | 1RB#14 | 24.40 | 25.00 |
| Band12 | 3MHz | 16QAM | 23025 | 1RB#14 | 23.60 | 24.00 |
| Band12 | 3MHz | QPSK  | 23025 | 8RB#0  | 23.49 | 24.00 |
| Band12 | 3MHz | 16QAM | 23025 | 8RB#0  | 23.08 | 24.00 |
| Band12 | 3MHz | QPSK  | 23025 | 8RB#4  | 23.54 | 24.00 |
| Band12 | 3MHz | 16QAM | 23025 | 8RB#4  | 23.18 | 24.00 |
| Band12 | 3MHz | QPSK  | 23025 | 8RB#7  | 23.65 | 24.00 |
| Band12 | 3MHz | 16QAM | 23025 | 8RB#7  | 23.12 | 24.00 |
| Band12 | 3MHz | QPSK  | 23025 | 15RB#0 | 23.49 | 24.00 |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | 22.97 | 23.00 |
| Band12 | 3MHz | QPSK  | 23095 | 1RB#0  | 24.60 | 25.00 |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#0  | 22.87 | 23.00 |
| Band12 | 3MHz | QPSK  | 23095 | 1RB#8  | 24.51 | 25.00 |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#8  | 23.03 | 24.00 |
| Band12 | 3MHz | QPSK  | 23095 | 1RB#14 | 24.59 | 25.00 |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#14 | 22.99 | 23.00 |
| Band12 | 3MHz | QPSK  | 23095 | 8RB#0  | 23.35 | 24.00 |
| Band12 | 3MHz | 16QAM | 23095 | 8RB#0  | 23.07 | 24.00 |
| Band12 | 3MHz | QPSK  | 23095 | 8RB#4  | 23.35 | 24.00 |
| Band12 | 3MHz | 16QAM | 23095 | 8RB#4  | 23.07 | 24.00 |
| Band12 | 3MHz | QPSK  | 23095 | 8RB#7  | 23.50 | 24.00 |
| Band12 | 3MHz | 16QAM | 23095 | 8RB#7  | 22.67 | 23.00 |
| Band12 | 3MHz | QPSK  | 23095 | 15RB#0 | 23.60 | 24.00 |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | 22.37 | 23.00 |
| Band12 | 3MHz | QPSK  | 23165 | 1RB#0  | 24.55 | 25.00 |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#0  | 23.73 | 24.00 |
| Band12 | 3MHz | QPSK  | 23165 | 1RB#8  | 24.58 | 25.00 |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#8  | 23.65 | 24.00 |
| Band12 | 3MHz | QPSK  | 23165 | 1RB#14 | 24.46 | 25.00 |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#14 | 23.66 | 24.00 |
| Band12 | 3MHz | QPSK  | 23165 | 8RB#0  | 23.40 | 24.00 |
| Band12 | 3MHz | 16QAM | 23165 | 8RB#0  | 22.93 | 23.00 |
| Band12 | 3MHz | QPSK  | 23165 | 8RB#4  | 23.52 | 24.00 |
| Band12 | 3MHz | 16QAM | 23165 | 8RB#4  | 22.83 | 23.00 |
| Band12 | 3MHz | QPSK  | 23165 | 8RB#7  | 23.39 | 24.00 |
| Band12 | 3MHz | 16QAM | 23165 | 8RB#7  | 22.64 | 23.00 |
| Band12 | 3MHz | QPSK  | 23165 | 15RB#0 | 23.27 | 24.00 |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | 22.76 | 23.00 |



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|--------|------|-------|-------|---------|-------|-------|
| Band12 | 5MHz | QPSK  | 23035 | 1RB#0   | 24.52 | 25.00 |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#0   | 22.86 | 23.00 |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#12  | 24.54 | 25.00 |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#12  | 23.48 | 24.00 |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#24  | 24.61 | 25.00 |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#24  | 22.76 | 23.00 |
| Band12 | 5MHz | QPSK  | 23035 | 12RB#0  | 23.48 | 24.00 |
| Band12 | 5MHz | 16QAM | 23035 | 12RB#0  | 22.90 | 23.00 |
| Band12 | 5MHz | QPSK  | 23035 | 12RB#6  | 23.56 | 24.00 |
| Band12 | 5MHz | 16QAM | 23035 | 12RB#6  | 22.88 | 23.00 |
| Band12 | 5MHz | QPSK  | 23035 | 12RB#13 | 23.70 | 24.00 |
| Band12 | 5MHz | 16QAM | 23035 | 12RB#13 | 22.89 | 23.00 |
| Band12 | 5MHz | QPSK  | 23035 | 25RB#0  | 23.71 | 24.00 |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0  | 22.92 | 23.00 |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#0   | 24.55 | 25.00 |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#0   | 23.52 | 24.00 |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#12  | 24.49 | 25.00 |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#12  | 23.55 | 24.00 |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#24  | 24.47 | 25.00 |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#24  | 23.62 | 24.00 |
| Band12 | 5MHz | QPSK  | 23095 | 12RB#0  | 23.42 | 24.00 |
| Band12 | 5MHz | 16QAM | 23095 | 12RB#0  | 23.05 | 24.00 |
| Band12 | 5MHz | QPSK  | 23095 | 12RB#6  | 23.42 | 24.00 |
| Band12 | 5MHz | 16QAM | 23095 | 12RB#6  | 23.05 | 24.00 |
| Band12 | 5MHz | QPSK  | 23095 | 12RB#13 | 23.50 | 24.00 |
| Band12 | 5MHz | 16QAM | 23095 | 12RB#13 | 22.48 | 23.00 |
| Band12 | 5MHz | QPSK  | 23095 | 25RB#0  | 23.36 | 24.00 |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0  | 22.65 | 23.00 |
| Band12 | 5MHz | QPSK  | 23155 | 1RB#0   | 24.44 | 25.00 |
| Band12 | 5MHz | 16QAM | 23155 | 1RB#0   | 23.04 | 24.00 |
| Band12 | 5MHz | QPSK  | 23155 | 1RB#12  | 24.46 | 25.00 |
| Band12 | 5MHz | 16QAM | 23155 | 1RB#12  | 23.05 | 24.00 |
| Band12 | 5MHz | QPSK  | 23155 | 1RB#24  | 24.43 | 25.00 |
| Band12 | 5MHz | 16QAM | 23155 | 1RB#24  | 22.98 | 23.00 |
| Band12 | 5MHz | QPSK  | 23155 | 12RB#0  | 23.51 | 24.00 |
| Band12 | 5MHz | 16QAM | 23155 | 12RB#0  | 22.41 | 23.00 |
| Band12 | 5MHz | QPSK  | 23155 | 12RB#6  | 23.39 | 24.00 |
| Band12 | 5MHz | 16QAM | 23155 | 12RB#6  | 22.36 | 23.00 |
| Band12 | 5MHz | QPSK  | 23155 | 12RB#13 | 23.38 | 24.00 |
| Band12 | 5MHz | 16QAM | 23155 | 12RB#13 | 22.76 | 23.00 |



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|--------|-------|-------|-------|---------|-------|-------|
| Band12 | 5MHz  | QPSK  | 23155 | 25RB#0  | 23.33 | 24.00 |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0  | 22.87 | 23.00 |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#0   | 24.42 | 25.00 |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0   | 23.44 | 24.00 |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#24  | 24.45 | 25.00 |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#24  | 23.47 | 24.00 |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#49  | 24.35 | 25.00 |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#49  | 23.62 | 24.00 |
| Band12 | 10MHz | QPSK  | 23060 | 25RB#0  | 23.53 | 24.00 |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#0  | 22.90 | 23.00 |
| Band12 | 10MHz | QPSK  | 23060 | 25RB#12 | 23.56 | 24.00 |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#12 | 22.90 | 23.00 |
| Band12 | 10MHz | QPSK  | 23060 | 25RB#25 | 23.44 | 24.00 |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#25 | 22.89 | 23.00 |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0  | 23.38 | 24.00 |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0  | 22.40 | 23.00 |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#0   | 24.67 | 25.00 |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#0   | 23.33 | 24.00 |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#24  | 24.67 | 25.00 |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#24  | 23.29 | 24.00 |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#49  | 24.58 | 25.00 |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#49  | 23.60 | 24.00 |
| Band12 | 10MHz | QPSK  | 23095 | 25RB#0  | 23.50 | 24.00 |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#0  | 23.08 | 24.00 |
| Band12 | 10MHz | QPSK  | 23095 | 25RB#12 | 23.50 | 24.00 |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#12 | 23.08 | 24.00 |
| Band12 | 10MHz | QPSK  | 23095 | 25RB#25 | 23.52 | 24.00 |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#25 | 22.68 | 23.00 |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0  | 23.54 | 24.00 |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0  | 22.59 | 23.00 |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#0   | 24.49 | 25.00 |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0   | 24.04 | 25.00 |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#24  | 24.43 | 25.00 |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#24  | 24.04 | 25.00 |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#49  | 24.44 | 25.00 |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#49  | 23.95 | 24.00 |
| Band12 | 10MHz | QPSK  | 23130 | 25RB#0  | 23.42 | 24.00 |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#0  | 22.50 | 23.00 |
| Band12 | 10MHz | QPSK  | 23130 | 25RB#12 | 23.44 | 24.00 |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#12 | 22.34 | 23.00 |



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|--------|-------|-------|-------|---------|-------|-------|
| Band12 | 10MHz | QPSK  | 23130 | 25RB#25 | 23.36 | 24.00 |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#25 | 22.93 | 23.00 |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0  | 23.45 | 24.00 |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0  | 22.61 | 23.00 |

### 1.1.10. Conducted Power Measurement Results(LTE Band 13)

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Tune up(dBm) |
|--------|-----------|------------|---------|------------------|-------------|--------------|
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#0            | 24.21       | 25.00        |
| Band13 | 5MHz      | 16QAM      | 23205   | 1RB#0            | 22.75       | 23.00        |
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#12           | 24.34       | 25.00        |
| Band13 | 5MHz      | 16QAM      | 23205   | 1RB#12           | 22.87       | 23.00        |
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#24           | 24.30       | 25.00        |
| Band13 | 5MHz      | 16QAM      | 23205   | 1RB#24           | 22.75       | 23.00        |
| Band13 | 5MHz      | QPSK       | 23205   | 12RB#0           | 22.95       | 23.00        |
| Band13 | 5MHz      | 16QAM      | 23205   | 12RB#0           | 21.90       | 22.00        |
| Band13 | 5MHz      | QPSK       | 23205   | 12RB#6           | 22.97       | 23.00        |
| Band13 | 5MHz      | 16QAM      | 23205   | 12RB#6           | 21.89       | 22.00        |
| Band13 | 5MHz      | QPSK       | 23205   | 12RB#13          | 23.09       | 24.00        |
| Band13 | 5MHz      | 16QAM      | 23205   | 12RB#13          | 22.15       | 23.00        |
| Band13 | 5MHz      | QPSK       | 23205   | 25RB#0           | 23.07       | 24.00        |
| Band13 | 5MHz      | 16QAM      | 23205   | 25RB#0           | 22.24       | 23.00        |
| Band13 | 5MHz      | QPSK       | 23230   | 1RB#0            | 24.16       | 25.00        |
| Band13 | 5MHz      | 16QAM      | 23230   | 1RB#0            | 22.50       | 23.00        |
| Band13 | 5MHz      | QPSK       | 23230   | 1RB#12           | 24.26       | 25.00        |
| Band13 | 5MHz      | 16QAM      | 23230   | 1RB#12           | 22.42       | 23.00        |
| Band13 | 5MHz      | QPSK       | 23230   | 1RB#24           | 24.23       | 25.00        |
| Band13 | 5MHz      | 16QAM      | 23230   | 1RB#24           | 22.47       | 23.00        |
| Band13 | 5MHz      | QPSK       | 23230   | 12RB#0           | 23.14       | 24.00        |
| Band13 | 5MHz      | 16QAM      | 23230   | 12RB#0           | 22.05       | 23.00        |
| Band13 | 5MHz      | QPSK       | 23230   | 12RB#6           | 23.15       | 24.00        |
| Band13 | 5MHz      | 16QAM      | 23230   | 12RB#6           | 22.07       | 23.00        |
| Band13 | 5MHz      | QPSK       | 23230   | 12RB#13          | 23.01       | 24.00        |
| Band13 | 5MHz      | 16QAM      | 23230   | 12RB#13          | 22.05       | 23.00        |
| Band13 | 5MHz      | QPSK       | 23230   | 25RB#0           | 23.02       | 24.00        |
| Band13 | 5MHz      | 16QAM      | 23230   | 25RB#0           | 22.12       | 23.00        |
| Band13 | 5MHz      | QPSK       | 23255   | 1RB#0            | 24.20       | 25.00        |
| Band13 | 5MHz      | 16QAM      | 23255   | 1RB#0            | 23.09       | 24.00        |
| Band13 | 5MHz      | QPSK       | 23255   | 1RB#12           | 24.13       | 25.00        |
| Band13 | 5MHz      | 16QAM      | 23255   | 1RB#12           | 23.10       | 24.00        |



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|--------|-------|-------|-------|---------|-------|-------|
| Band13 | 5MHz  | QPSK  | 23255 | 1RB#24  | 24.21 | 25.00 |
| Band13 | 5MHz  | 16QAM | 23255 | 1RB#24  | 23.29 | 24.00 |
| Band13 | 5MHz  | QPSK  | 23255 | 12RB#0  | 23.09 | 24.00 |
| Band13 | 5MHz  | 16QAM | 23255 | 12RB#0  | 22.14 | 23.00 |
| Band13 | 5MHz  | QPSK  | 23255 | 12RB#6  | 23.08 | 24.00 |
| Band13 | 5MHz  | 16QAM | 23255 | 12RB#6  | 22.15 | 23.00 |
| Band13 | 5MHz  | QPSK  | 23255 | 12RB#13 | 23.19 | 24.00 |
| Band13 | 5MHz  | 16QAM | 23255 | 12RB#13 | 22.32 | 23.00 |
| Band13 | 5MHz  | QPSK  | 23255 | 25RB#0  | 23.01 | 24.00 |
| Band13 | 5MHz  | 16QAM | 23255 | 25RB#0  | 22.15 | 23.00 |
| Band13 | 10MHz | QPSK  | 23230 | 1RB#0   | 23.99 | 24.00 |
| Band13 | 10MHz | 16QAM | 23230 | 1RB#0   | 22.75 | 23.00 |
| Band13 | 10MHz | QPSK  | 23230 | 1RB#24  | 24.12 | 25.00 |
| Band13 | 10MHz | 16QAM | 23230 | 1RB#24  | 22.80 | 23.00 |
| Band13 | 10MHz | QPSK  | 23230 | 1RB#49  | 24.23 | 25.00 |
| Band13 | 10MHz | 16QAM | 23230 | 1RB#49  | 22.89 | 23.00 |
| Band13 | 10MHz | QPSK  | 23230 | 25RB#0  | 23.08 | 24.00 |
| Band13 | 10MHz | 16QAM | 23230 | 25RB#0  | 22.11 | 23.00 |
| Band13 | 10MHz | QPSK  | 23230 | 25RB#12 | 23.02 | 24.00 |
| Band13 | 10MHz | 16QAM | 23230 | 25RB#12 | 22.11 | 23.00 |
| Band13 | 10MHz | QPSK  | 23230 | 25RB#25 | 23.03 | 24.00 |
| Band13 | 10MHz | 16QAM | 23230 | 25RB#25 | 22.11 | 23.00 |
| Band13 | 10MHz | QPSK  | 23230 | 50RB#0  | 23.17 | 24.00 |
| Band13 | 10MHz | 16QAM | 23230 | 50RB#0  | 22.10 | 23.00 |

#### 1.1.11. Conducted Power Measurement Results(LTE Band 17)

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Tune up(dBm) |
|--------|-----------|------------|---------|------------------|-------------|--------------|
| Band17 | 5MHz      | QPSK       | 23755   | 1RB#0            | 24.52       | 25.00        |
| Band17 | 5MHz      | 16QAM      | 23755   | 1RB#0            | 22.97       | 23.00        |
| Band17 | 5MHz      | QPSK       | 23755   | 1RB#12           | 24.49       | 25.00        |
| Band17 | 5MHz      | 16QAM      | 23755   | 1RB#12           | 23.08       | 24.00        |
| Band17 | 5MHz      | QPSK       | 23755   | 1RB#24           | 24.49       | 25.00        |
| Band17 | 5MHz      | 16QAM      | 23755   | 1RB#24           | 22.98       | 23.00        |
| Band17 | 5MHz      | QPSK       | 23755   | 12RB#0           | 23.50       | 24.00        |
| Band17 | 5MHz      | 16QAM      | 23755   | 12RB#0           | 23.01       | 24.00        |
| Band17 | 5MHz      | QPSK       | 23755   | 12RB#6           | 23.44       | 24.00        |
| Band17 | 5MHz      | 16QAM      | 23755   | 12RB#6           | 22.99       | 23.00        |
| Band17 | 5MHz      | QPSK       | 23755   | 12RB#13          | 23.54       | 24.00        |
| Band17 | 5MHz      | 16QAM      | 23755   | 12RB#13          | 22.56       | 23.00        |



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|        |       |       |       |         |       |       |
|--------|-------|-------|-------|---------|-------|-------|
| Band17 | 5MHz  | QPSK  | 23755 | 25RB#0  | 23.42 | 24.00 |
| Band17 | 5MHz  | 16QAM | 23755 | 25RB#0  | 22.77 | 23.00 |
| Band17 | 5MHz  | QPSK  | 23790 | 1RB#0   | 24.63 | 25.00 |
| Band17 | 5MHz  | 16QAM | 23790 | 1RB#0   | 23.12 | 24.00 |
| Band17 | 5MHz  | QPSK  | 23790 | 1RB#12  | 24.62 | 25.00 |
| Band17 | 5MHz  | 16QAM | 23790 | 1RB#12  | 23.14 | 24.00 |
| Band17 | 5MHz  | QPSK  | 23790 | 1RB#24  | 24.58 | 25.00 |
| Band17 | 5MHz  | 16QAM | 23790 | 1RB#24  | 23.03 | 24.00 |
| Band17 | 5MHz  | QPSK  | 23790 | 12RB#0  | 23.43 | 24.00 |
| Band17 | 5MHz  | 16QAM | 23790 | 12RB#0  | 22.58 | 23.00 |
| Band17 | 5MHz  | QPSK  | 23790 | 12RB#6  | 23.45 | 24.00 |
| Band17 | 5MHz  | 16QAM | 23790 | 12RB#6  | 22.30 | 23.00 |
| Band17 | 5MHz  | QPSK  | 23790 | 12RB#13 | 23.45 | 24.00 |
| Band17 | 5MHz  | 16QAM | 23790 | 12RB#13 | 22.39 | 23.00 |
| Band17 | 5MHz  | QPSK  | 23790 | 25RB#0  | 23.47 | 24.00 |
| Band17 | 5MHz  | 16QAM | 23790 | 25RB#0  | 22.46 | 23.00 |
| Band17 | 5MHz  | QPSK  | 23825 | 1RB#0   | 24.55 | 25.00 |
| Band17 | 5MHz  | 16QAM | 23825 | 1RB#0   | 22.82 | 23.00 |
| Band17 | 5MHz  | QPSK  | 23825 | 1RB#12  | 24.54 | 25.00 |
| Band17 | 5MHz  | 16QAM | 23825 | 1RB#12  | 22.95 | 23.00 |
| Band17 | 5MHz  | QPSK  | 23825 | 1RB#24  | 24.54 | 25.00 |
| Band17 | 5MHz  | 16QAM | 23825 | 1RB#24  | 22.83 | 23.00 |
| Band17 | 5MHz  | QPSK  | 23825 | 12RB#0  | 23.47 | 24.00 |
| Band17 | 5MHz  | 16QAM | 23825 | 12RB#0  | 22.42 | 23.00 |
| Band17 | 5MHz  | QPSK  | 23825 | 12RB#6  | 23.38 | 24.00 |
| Band17 | 5MHz  | 16QAM | 23825 | 12RB#6  | 22.43 | 23.00 |
| Band17 | 5MHz  | QPSK  | 23825 | 12RB#13 | 23.49 | 24.00 |
| Band17 | 5MHz  | 16QAM | 23825 | 12RB#13 | 22.92 | 23.00 |
| Band17 | 5MHz  | QPSK  | 23825 | 25RB#0  | 23.31 | 24.00 |
| Band17 | 5MHz  | 16QAM | 23825 | 25RB#0  | 22.94 | 23.00 |
| Band17 | 10MHz | QPSK  | 23780 | 1RB#0   | 24.46 | 25.00 |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#0   | 23.07 | 24.00 |
| Band17 | 10MHz | QPSK  | 23780 | 1RB#24  | 24.35 | 25.00 |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#24  | 23.03 | 24.00 |
| Band17 | 10MHz | QPSK  | 23780 | 1RB#49  | 24.34 | 25.00 |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#49  | 23.28 | 24.00 |
| Band17 | 10MHz | QPSK  | 23780 | 25RB#0  | 23.38 | 24.00 |
| Band17 | 10MHz | 16QAM | 23780 | 25RB#0  | 22.98 | 23.00 |
| Band17 | 10MHz | QPSK  | 23780 | 25RB#12 | 23.42 | 24.00 |
| Band17 | 10MHz | 16QAM | 23780 | 25RB#12 | 22.90 | 23.00 |



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|--------|-------|-------|-------|---------|-------|-------|
| Band17 | 10MHz | QPSK  | 23780 | 25RB#25 | 23.51 | 24.00 |
| Band17 | 10MHz | 16QAM | 23780 | 25RB#25 | 22.43 | 23.00 |
| Band17 | 10MHz | QPSK  | 23780 | 50RB#0  | 23.50 | 24.00 |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0  | 22.61 | 23.00 |
| Band17 | 10MHz | QPSK  | 23790 | 1RB#0   | 24.75 | 25.00 |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#0   | 23.20 | 24.00 |
| Band17 | 10MHz | QPSK  | 23790 | 1RB#24  | 24.63 | 25.00 |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#24  | 23.24 | 24.00 |
| Band17 | 10MHz | QPSK  | 23790 | 1RB#49  | 24.81 | 25.00 |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#49  | 23.17 | 24.00 |
| Band17 | 10MHz | QPSK  | 23790 | 25RB#0  | 23.50 | 24.00 |
| Band17 | 10MHz | 16QAM | 23790 | 25RB#0  | 22.67 | 23.00 |
| Band17 | 10MHz | QPSK  | 23790 | 25RB#12 | 23.50 | 24.00 |
| Band17 | 10MHz | 16QAM | 23790 | 25RB#12 | 22.64 | 23.00 |
| Band17 | 10MHz | QPSK  | 23790 | 25RB#25 | 23.44 | 24.00 |
| Band17 | 10MHz | 16QAM | 23790 | 25RB#25 | 22.61 | 23.00 |
| Band17 | 10MHz | QPSK  | 23790 | 50RB#0  | 23.68 | 24.00 |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0  | 22.59 | 23.00 |
| Band17 | 10MHz | QPSK  | 23800 | 1RB#0   | 24.48 | 25.00 |
| Band17 | 10MHz | 16QAM | 23800 | 1RB#0   | 24.02 | 25.00 |
| Band17 | 10MHz | QPSK  | 23800 | 1RB#24  | 24.43 | 25.00 |
| Band17 | 10MHz | 16QAM | 23800 | 1RB#24  | 23.99 | 24.00 |
| Band17 | 10MHz | QPSK  | 23800 | 1RB#49  | 24.43 | 25.00 |
| Band17 | 10MHz | 16QAM | 23800 | 1RB#49  | 23.94 | 24.00 |
| Band17 | 10MHz | QPSK  | 23800 | 25RB#0  | 23.41 | 24.00 |
| Band17 | 10MHz | 16QAM | 23800 | 25RB#0  | 22.57 | 23.00 |
| Band17 | 10MHz | QPSK  | 23800 | 25RB#12 | 23.43 | 24.00 |
| Band17 | 10MHz | 16QAM | 23800 | 25RB#12 | 22.56 | 23.00 |
| Band17 | 10MHz | QPSK  | 23800 | 25RB#25 | 23.52 | 24.00 |
| Band17 | 10MHz | 16QAM | 23800 | 25RB#25 | 22.92 | 23.00 |
| Band17 | 10MHz | QPSK  | 23800 | 50RB#0  | 23.45 | 24.00 |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0  | 22.84 | 23.00 |

#### 1.1.12. Conducted Power Measurement Results(LTE Band 66)

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Tune up(dBm) |
|--------|-----------|------------|---------|------------------|-------------|--------------|
| Band66 | 1.4MHz    | QPSK       | 131979  | 1RB#0            | 24.26       | 25.00        |
| Band66 | 1.4MHz    | 16QAM      | 131979  | 1RB#0            | 23.70       | 24.00        |
| Band66 | 1.4MHz    | QPSK       | 131979  | 1RB#2            | 24.26       | 25.00        |
| Band66 | 1.4MHz    | 16QAM      | 131979  | 1RB#2            | 23.80       | 24.00        |



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|        |        |       |        |       |       |       |
|--------|--------|-------|--------|-------|-------|-------|
| Band66 | 1.4MHz | QPSK  | 131979 | 1RB#5 | 24.22 | 25.00 |
| Band66 | 1.4MHz | 16QAM | 131979 | 1RB#5 | 23.70 | 24.00 |
| Band66 | 1.4MHz | QPSK  | 131979 | 3RB#0 | 24.31 | 25.00 |
| Band66 | 1.4MHz | 16QAM | 131979 | 3RB#0 | 23.02 | 24.00 |
| Band66 | 1.4MHz | QPSK  | 131979 | 3RB#1 | 24.26 | 25.00 |
| Band66 | 1.4MHz | 16QAM | 131979 | 3RB#1 | 23.00 | 24.00 |
| Band66 | 1.4MHz | QPSK  | 131979 | 3RB#3 | 24.29 | 25.00 |
| Band66 | 1.4MHz | 16QAM | 131979 | 3RB#3 | 23.02 | 24.00 |
| Band66 | 1.4MHz | QPSK  | 131979 | 6RB#0 | 23.28 | 24.00 |
| Band66 | 1.4MHz | 16QAM | 131979 | 6RB#0 | 22.46 | 23.00 |
| Band66 | 1.4MHz | QPSK  | 132322 | 1RB#0 | 24.02 | 25.00 |
| Band66 | 1.4MHz | 16QAM | 132322 | 1RB#0 | 23.52 | 24.00 |
| Band66 | 1.4MHz | QPSK  | 132322 | 1RB#2 | 24.02 | 25.00 |
| Band66 | 1.4MHz | 16QAM | 132322 | 1RB#2 | 23.60 | 24.00 |
| Band66 | 1.4MHz | QPSK  | 132322 | 1RB#5 | 23.97 | 24.00 |
| Band66 | 1.4MHz | 16QAM | 132322 | 1RB#5 | 23.60 | 24.00 |
| Band66 | 1.4MHz | QPSK  | 132322 | 3RB#0 | 24.04 | 25.00 |
| Band66 | 1.4MHz | 16QAM | 132322 | 3RB#0 | 22.40 | 23.00 |
| Band66 | 1.4MHz | QPSK  | 132322 | 3RB#1 | 24.13 | 25.00 |
| Band66 | 1.4MHz | 16QAM | 132322 | 3RB#1 | 22.45 | 23.00 |
| Band66 | 1.4MHz | QPSK  | 132322 | 3RB#3 | 23.98 | 24.00 |
| Band66 | 1.4MHz | 16QAM | 132322 | 3RB#3 | 22.47 | 23.00 |
| Band66 | 1.4MHz | QPSK  | 132322 | 6RB#0 | 23.03 | 24.00 |
| Band66 | 1.4MHz | 16QAM | 132322 | 6RB#0 | 22.22 | 23.00 |
| Band66 | 1.4MHz | QPSK  | 132665 | 1RB#0 | 23.91 | 24.00 |
| Band66 | 1.4MHz | 16QAM | 132665 | 1RB#0 | 23.13 | 24.00 |
| Band66 | 1.4MHz | QPSK  | 132665 | 1RB#2 | 23.83 | 24.00 |
| Band66 | 1.4MHz | 16QAM | 132665 | 1RB#2 | 23.17 | 24.00 |
| Band66 | 1.4MHz | QPSK  | 132665 | 1RB#5 | 23.87 | 24.00 |
| Band66 | 1.4MHz | 16QAM | 132665 | 1RB#5 | 23.11 | 24.00 |
| Band66 | 1.4MHz | QPSK  | 132665 | 3RB#0 | 23.91 | 24.00 |
| Band66 | 1.4MHz | 16QAM | 132665 | 3RB#0 | 22.56 | 23.00 |
| Band66 | 1.4MHz | QPSK  | 132665 | 3RB#1 | 23.92 | 24.00 |
| Band66 | 1.4MHz | 16QAM | 132665 | 3RB#1 | 22.57 | 23.00 |
| Band66 | 1.4MHz | QPSK  | 132665 | 3RB#3 | 23.90 | 24.00 |
| Band66 | 1.4MHz | 16QAM | 132665 | 3RB#3 | 22.57 | 23.00 |
| Band66 | 1.4MHz | QPSK  | 132665 | 6RB#0 | 22.93 | 23.00 |
| Band66 | 1.4MHz | 16QAM | 132665 | 6RB#0 | 22.10 | 23.00 |
| Band66 | 3MHz   | QPSK  | 131987 | 1RB#0 | 24.17 | 25.00 |
| Band66 | 3MHz   | 16QAM | 131987 | 1RB#0 | 23.01 | 24.00 |



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|        |      |       |        |        |       |       |
|--------|------|-------|--------|--------|-------|-------|
| Band66 | 3MHz | QPSK  | 131987 | 1RB#8  | 24.24 | 25.00 |
| Band66 | 3MHz | 16QAM | 131987 | 1RB#8  | 23.12 | 24.00 |
| Band66 | 3MHz | QPSK  | 131987 | 1RB#14 | 24.13 | 25.00 |
| Band66 | 3MHz | 16QAM | 131987 | 1RB#14 | 23.16 | 24.00 |
| Band66 | 3MHz | QPSK  | 131987 | 8RB#0  | 23.25 | 24.00 |
| Band66 | 3MHz | 16QAM | 131987 | 8RB#0  | 22.46 | 23.00 |
| Band66 | 3MHz | QPSK  | 131987 | 8RB#4  | 23.27 | 24.00 |
| Band66 | 3MHz | 16QAM | 131987 | 8RB#4  | 22.48 | 23.00 |
| Band66 | 3MHz | QPSK  | 131987 | 8RB#7  | 23.21 | 24.00 |
| Band66 | 3MHz | 16QAM | 131987 | 8RB#7  | 22.46 | 23.00 |
| Band66 | 3MHz | QPSK  | 131987 | 15RB#0 | 23.17 | 24.00 |
| Band66 | 3MHz | 16QAM | 131987 | 15RB#0 | 22.38 | 23.00 |
| Band66 | 3MHz | QPSK  | 132322 | 1RB#0  | 24.19 | 25.00 |
| Band66 | 3MHz | 16QAM | 132322 | 1RB#0  | 22.74 | 23.00 |
| Band66 | 3MHz | QPSK  | 132322 | 1RB#8  | 24.14 | 25.00 |
| Band66 | 3MHz | 16QAM | 132322 | 1RB#8  | 22.77 | 23.00 |
| Band66 | 3MHz | QPSK  | 132322 | 1RB#14 | 24.14 | 25.00 |
| Band66 | 3MHz | 16QAM | 132322 | 1RB#14 | 22.73 | 23.00 |
| Band66 | 3MHz | QPSK  | 132322 | 8RB#0  | 23.14 | 24.00 |
| Band66 | 3MHz | 16QAM | 132322 | 8RB#0  | 22.52 | 23.00 |
| Band66 | 3MHz | QPSK  | 132322 | 8RB#4  | 23.16 | 24.00 |
| Band66 | 3MHz | 16QAM | 132322 | 8RB#4  | 22.56 | 23.00 |
| Band66 | 3MHz | QPSK  | 132322 | 8RB#7  | 23.09 | 24.00 |
| Band66 | 3MHz | 16QAM | 132322 | 8RB#7  | 22.49 | 23.00 |
| Band66 | 3MHz | QPSK  | 132322 | 15RB#0 | 23.22 | 24.00 |
| Band66 | 3MHz | 16QAM | 132322 | 15RB#0 | 22.11 | 23.00 |
| Band66 | 3MHz | QPSK  | 132657 | 1RB#0  | 23.89 | 24.00 |
| Band66 | 3MHz | 16QAM | 132657 | 1RB#0  | 22.81 | 23.00 |
| Band66 | 3MHz | QPSK  | 132657 | 1RB#8  | 23.90 | 24.00 |
| Band66 | 3MHz | 16QAM | 132657 | 1RB#8  | 22.81 | 23.00 |
| Band66 | 3MHz | QPSK  | 132657 | 1RB#14 | 23.84 | 24.00 |
| Band66 | 3MHz | 16QAM | 132657 | 1RB#14 | 22.76 | 23.00 |
| Band66 | 3MHz | QPSK  | 132657 | 8RB#0  | 22.93 | 23.00 |
| Band66 | 3MHz | 16QAM | 132657 | 8RB#0  | 22.17 | 23.00 |
| Band66 | 3MHz | QPSK  | 132657 | 8RB#4  | 23.03 | 24.00 |
| Band66 | 3MHz | 16QAM | 132657 | 8RB#4  | 22.18 | 23.00 |
| Band66 | 3MHz | QPSK  | 132657 | 8RB#7  | 22.94 | 23.00 |
| Band66 | 3MHz | 16QAM | 132657 | 8RB#7  | 22.17 | 23.00 |
| Band66 | 3MHz | QPSK  | 132657 | 15RB#0 | 22.92 | 23.00 |
| Band66 | 3MHz | 16QAM | 132657 | 15RB#0 | 22.19 | 23.00 |



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|--------|------|-------|--------|---------|-------|-------|
| Band66 | 5MHz | QPSK  | 131997 | 1RB#0   | 24.30 | 25.00 |
| Band66 | 5MHz | 16QAM | 131997 | 1RB#0   | 22.68 | 23.00 |
| Band66 | 5MHz | QPSK  | 131997 | 1RB#12  | 24.33 | 25.00 |
| Band66 | 5MHz | 16QAM | 131997 | 1RB#12  | 23.30 | 24.00 |
| Band66 | 5MHz | QPSK  | 131997 | 1RB#24  | 24.29 | 25.00 |
| Band66 | 5MHz | 16QAM | 131997 | 1RB#24  | 23.03 | 24.00 |
| Band66 | 5MHz | QPSK  | 131997 | 12RB#0  | 23.26 | 24.00 |
| Band66 | 5MHz | 16QAM | 131997 | 12RB#0  | 22.37 | 23.00 |
| Band66 | 5MHz | QPSK  | 131997 | 12RB#6  | 23.26 | 24.00 |
| Band66 | 5MHz | 16QAM | 131997 | 12RB#6  | 22.38 | 23.00 |
| Band66 | 5MHz | QPSK  | 131997 | 12RB#13 | 23.32 | 24.00 |
| Band66 | 5MHz | 16QAM | 131997 | 12RB#13 | 22.28 | 23.00 |
| Band66 | 5MHz | QPSK  | 131997 | 25RB#0  | 23.19 | 24.00 |
| Band66 | 5MHz | 16QAM | 131997 | 25RB#0  | 22.43 | 23.00 |
| Band66 | 5MHz | QPSK  | 132322 | 1RB#0   | 24.04 | 25.00 |
| Band66 | 5MHz | 16QAM | 132322 | 1RB#0   | 23.16 | 24.00 |
| Band66 | 5MHz | QPSK  | 132322 | 1RB#12  | 24.04 | 25.00 |
| Band66 | 5MHz | 16QAM | 132322 | 1RB#12  | 23.30 | 24.00 |
| Band66 | 5MHz | QPSK  | 132322 | 1RB#24  | 24.05 | 25.00 |
| Band66 | 5MHz | 16QAM | 132322 | 1RB#24  | 23.27 | 24.00 |
| Band66 | 5MHz | QPSK  | 132322 | 12RB#0  | 23.17 | 24.00 |
| Band66 | 5MHz | 16QAM | 132322 | 12RB#0  | 22.32 | 23.00 |
| Band66 | 5MHz | QPSK  | 132322 | 12RB#6  | 23.19 | 24.00 |
| Band66 | 5MHz | 16QAM | 132322 | 12RB#6  | 22.35 | 23.00 |
| Band66 | 5MHz | QPSK  | 132322 | 12RB#13 | 23.08 | 24.00 |
| Band66 | 5MHz | 16QAM | 132322 | 12RB#13 | 22.37 | 23.00 |
| Band66 | 5MHz | QPSK  | 132322 | 25RB#0  | 23.15 | 24.00 |
| Band66 | 5MHz | 16QAM | 132322 | 25RB#0  | 22.33 | 23.00 |
| Band66 | 5MHz | QPSK  | 132647 | 1RB#0   | 23.98 | 24.00 |
| Band66 | 5MHz | 16QAM | 132647 | 1RB#0   | 22.49 | 23.00 |
| Band66 | 5MHz | QPSK  | 132647 | 1RB#12  | 24.00 | 25.00 |
| Band66 | 5MHz | 16QAM | 132647 | 1RB#12  | 22.46 | 23.00 |
| Band66 | 5MHz | QPSK  | 132647 | 1RB#24  | 23.91 | 24.00 |
| Band66 | 5MHz | 16QAM | 132647 | 1RB#24  | 22.50 | 23.00 |
| Band66 | 5MHz | QPSK  | 132647 | 12RB#0  | 22.99 | 23.00 |
| Band66 | 5MHz | 16QAM | 132647 | 12RB#0  | 22.15 | 23.00 |
| Band66 | 5MHz | QPSK  | 132647 | 12RB#6  | 22.97 | 23.00 |
| Band66 | 5MHz | 16QAM | 132647 | 12RB#6  | 22.17 | 23.00 |
| Band66 | 5MHz | QPSK  | 132647 | 12RB#13 | 22.95 | 23.00 |
| Band66 | 5MHz | 16QAM | 132647 | 12RB#13 | 22.14 | 23.00 |



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| Band66 | 5MHz  | QPSK  | 132647 | 25RB#0  | 22.91 | 23.00 |
| Band66 | 5MHz  | 16QAM | 132647 | 25RB#0  | 22.26 | 23.00 |
| Band66 | 10MHz | QPSK  | 132022 | 1RB#0   | 24.25 | 25.00 |
| Band66 | 10MHz | 16QAM | 132022 | 1RB#0   | 23.30 | 24.00 |
| Band66 | 10MHz | QPSK  | 132022 | 1RB#24  | 24.10 | 25.00 |
| Band66 | 10MHz | 16QAM | 132022 | 1RB#24  | 23.29 | 24.00 |
| Band66 | 10MHz | QPSK  | 132022 | 1RB#49  | 24.31 | 25.00 |
| Band66 | 10MHz | 16QAM | 132022 | 1RB#49  | 23.45 | 24.00 |
| Band66 | 10MHz | QPSK  | 132022 | 25RB#0  | 23.35 | 24.00 |
| Band66 | 10MHz | 16QAM | 132022 | 25RB#0  | 22.28 | 23.00 |
| Band66 | 10MHz | QPSK  | 132022 | 25RB#12 | 23.35 | 24.00 |
| Band66 | 10MHz | 16QAM | 132022 | 25RB#12 | 22.27 | 23.00 |
| Band66 | 10MHz | QPSK  | 132022 | 25RB#25 | 23.14 | 24.00 |
| Band66 | 10MHz | 16QAM | 132022 | 25RB#25 | 22.24 | 23.00 |
| Band66 | 10MHz | QPSK  | 132022 | 50RB#0  | 23.19 | 24.00 |
| Band66 | 10MHz | 16QAM | 132022 | 50RB#0  | 22.30 | 23.00 |
| Band66 | 10MHz | QPSK  | 132322 | 1RB#0   | 24.40 | 25.00 |
| Band66 | 10MHz | 16QAM | 132322 | 1RB#0   | 23.02 | 24.00 |
| Band66 | 10MHz | QPSK  | 132322 | 1RB#24  | 24.34 | 25.00 |
| Band66 | 10MHz | 16QAM | 132322 | 1RB#24  | 23.08 | 24.00 |
| Band66 | 10MHz | QPSK  | 132322 | 1RB#49  | 24.33 | 25.00 |
| Band66 | 10MHz | 16QAM | 132322 | 1RB#49  | 22.99 | 23.00 |
| Band66 | 10MHz | QPSK  | 132322 | 25RB#0  | 23.16 | 24.00 |
| Band66 | 10MHz | 16QAM | 132322 | 25RB#0  | 22.36 | 23.00 |
| Band66 | 10MHz | QPSK  | 132322 | 25RB#12 | 23.16 | 24.00 |
| Band66 | 10MHz | 16QAM | 132322 | 25RB#12 | 22.34 | 23.00 |
| Band66 | 10MHz | QPSK  | 132322 | 25RB#25 | 23.18 | 24.00 |
| Band66 | 10MHz | 16QAM | 132322 | 25RB#25 | 22.38 | 23.00 |
| Band66 | 10MHz | QPSK  | 132322 | 50RB#0  | 23.17 | 24.00 |
| Band66 | 10MHz | 16QAM | 132322 | 50RB#0  | 22.30 | 23.00 |
| Band66 | 10MHz | QPSK  | 132622 | 1RB#0   | 24.02 | 25.00 |
| Band66 | 10MHz | 16QAM | 132622 | 1RB#0   | 23.11 | 24.00 |
| Band66 | 10MHz | QPSK  | 132622 | 1RB#24  | 23.95 | 24.00 |
| Band66 | 10MHz | 16QAM | 132622 | 1RB#24  | 23.05 | 24.00 |
| Band66 | 10MHz | QPSK  | 132622 | 1RB#49  | 23.85 | 24.00 |
| Band66 | 10MHz | 16QAM | 132622 | 1RB#49  | 23.04 | 24.00 |
| Band66 | 10MHz | QPSK  | 132622 | 25RB#0  | 23.04 | 24.00 |
| Band66 | 10MHz | 16QAM | 132622 | 25RB#0  | 22.14 | 23.00 |
| Band66 | 10MHz | QPSK  | 132622 | 25RB#12 | 23.04 | 24.00 |
| Band66 | 10MHz | 16QAM | 132622 | 25RB#12 | 22.17 | 23.00 |



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|        |       |       |        |         |       |       |
|--------|-------|-------|--------|---------|-------|-------|
| Band66 | 10MHz | QPSK  | 132622 | 25RB#25 | 22.94 | 23.00 |
| Band66 | 10MHz | 16QAM | 132622 | 25RB#25 | 22.05 | 23.00 |
| Band66 | 10MHz | QPSK  | 132622 | 50RB#0  | 22.98 | 23.00 |
| Band66 | 10MHz | 16QAM | 132622 | 50RB#0  | 22.05 | 23.00 |
| Band66 | 15MHz | QPSK  | 132047 | 1RB#0   | 24.17 | 25.00 |
| Band66 | 15MHz | 16QAM | 132047 | 1RB#0   | 23.30 | 24.00 |
| Band66 | 15MHz | QPSK  | 132047 | 1RB#38  | 24.16 | 25.00 |
| Band66 | 15MHz | 16QAM | 132047 | 1RB#38  | 23.35 | 24.00 |
| Band66 | 15MHz | QPSK  | 132047 | 1RB#74  | 24.11 | 25.00 |
| Band66 | 15MHz | 16QAM | 132047 | 1RB#74  | 23.26 | 24.00 |
| Band66 | 15MHz | QPSK  | 132047 | 38RB#0  | 23.28 | 24.00 |
| Band66 | 15MHz | 16QAM | 132047 | 38RB#0  | 23.27 | 24.00 |
| Band66 | 15MHz | QPSK  | 132047 | 38RB#18 | 23.27 | 24.00 |
| Band66 | 15MHz | 16QAM | 132047 | 38RB#18 | 23.26 | 24.00 |
| Band66 | 15MHz | QPSK  | 132047 | 38RB#37 | 23.27 | 24.00 |
| Band66 | 15MHz | 16QAM | 132047 | 38RB#37 | 23.27 | 24.00 |
| Band66 | 15MHz | QPSK  | 132047 | 75RB#0  | 23.27 | 24.00 |
| Band66 | 15MHz | 16QAM | 132047 | 75RB#0  | 22.25 | 23.00 |
| Band66 | 15MHz | QPSK  | 132322 | 1RB#0   | 23.91 | 24.00 |
| Band66 | 15MHz | 16QAM | 132322 | 1RB#0   | 23.12 | 24.00 |
| Band66 | 15MHz | QPSK  | 132322 | 1RB#38  | 23.94 | 24.00 |
| Band66 | 15MHz | 16QAM | 132322 | 1RB#38  | 23.10 | 24.00 |
| Band66 | 15MHz | QPSK  | 132322 | 1RB#74  | 23.89 | 24.00 |
| Band66 | 15MHz | 16QAM | 132322 | 1RB#74  | 23.18 | 24.00 |
| Band66 | 15MHz | QPSK  | 132322 | 38RB#0  | 23.09 | 24.00 |
| Band66 | 15MHz | 16QAM | 132322 | 38RB#0  | 23.08 | 24.00 |
| Band66 | 15MHz | QPSK  | 132322 | 38RB#18 | 23.13 | 24.00 |
| Band66 | 15MHz | 16QAM | 132322 | 38RB#18 | 23.19 | 24.00 |
| Band66 | 15MHz | QPSK  | 132322 | 38RB#37 | 23.19 | 24.00 |
| Band66 | 15MHz | 16QAM | 132322 | 38RB#37 | 23.17 | 24.00 |
| Band66 | 15MHz | QPSK  | 132322 | 75RB#0  | 23.17 | 24.00 |
| Band66 | 15MHz | 16QAM | 132322 | 75RB#0  | 22.27 | 23.00 |
| Band66 | 15MHz | QPSK  | 132597 | 1RB#0   | 24.10 | 25.00 |
| Band66 | 15MHz | 16QAM | 132597 | 1RB#0   | 23.22 | 24.00 |
| Band66 | 15MHz | QPSK  | 132597 | 1RB#38  | 23.97 | 24.00 |
| Band66 | 15MHz | 16QAM | 132597 | 1RB#38  | 23.14 | 24.00 |
| Band66 | 15MHz | QPSK  | 132597 | 1RB#74  | 23.85 | 24.00 |
| Band66 | 15MHz | 16QAM | 132597 | 1RB#74  | 23.05 | 24.00 |
| Band66 | 15MHz | QPSK  | 132597 | 38RB#0  | 23.02 | 24.00 |
| Band66 | 15MHz | 16QAM | 132597 | 38RB#0  | 23.04 | 24.00 |



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|        |       |       |        |         |       |       |
|--------|-------|-------|--------|---------|-------|-------|
| Band66 | 15MHz | QPSK  | 132597 | 38RB#18 | 23.04 | 24.00 |
| Band66 | 15MHz | 16QAM | 132597 | 38RB#18 | 23.05 | 24.00 |
| Band66 | 15MHz | QPSK  | 132597 | 38RB#37 | 23.06 | 24.00 |
| Band66 | 15MHz | 16QAM | 132597 | 38RB#37 | 23.07 | 24.00 |
| Band66 | 15MHz | QPSK  | 132597 | 75RB#0  | 23.06 | 24.00 |
| Band66 | 15MHz | 16QAM | 132597 | 75RB#0  | 22.17 | 23.00 |
| Band66 | 20MHz | QPSK  | 132072 | 1RB#0   | 24.29 | 25.00 |
| Band66 | 20MHz | 16QAM | 132072 | 1RB#0   | 22.85 | 23.00 |
| Band66 | 20MHz | QPSK  | 132072 | 1RB#49  | 24.22 | 25.00 |
| Band66 | 20MHz | 16QAM | 132072 | 1RB#49  | 22.82 | 23.00 |
| Band66 | 20MHz | QPSK  | 132072 | 1RB#99  | 24.14 | 25.00 |
| Band66 | 20MHz | 16QAM | 132072 | 1RB#99  | 22.96 | 23.00 |
| Band66 | 20MHz | QPSK  | 132072 | 50RB#0  | 23.22 | 24.00 |
| Band66 | 20MHz | 16QAM | 132072 | 50RB#0  | 22.36 | 23.00 |
| Band66 | 20MHz | QPSK  | 132072 | 50RB#25 | 23.21 | 24.00 |
| Band66 | 20MHz | 16QAM | 132072 | 50RB#25 | 22.37 | 23.00 |
| Band66 | 20MHz | QPSK  | 132072 | 50RB#50 | 23.11 | 24.00 |
| Band66 | 20MHz | 16QAM | 132072 | 50RB#50 | 22.37 | 23.00 |
| Band66 | 20MHz | QPSK  | 132072 | 100RB#0 | 23.20 | 24.00 |
| Band66 | 20MHz | 16QAM | 132072 | 100RB#0 | 22.33 | 23.00 |
| Band66 | 20MHz | QPSK  | 132322 | 1RB#0   | 24.18 | 25.00 |
| Band66 | 20MHz | 16QAM | 132322 | 1RB#0   | 23.55 | 24.00 |
| Band66 | 20MHz | QPSK  | 132322 | 1RB#49  | 24.27 | 25.00 |
| Band66 | 20MHz | 16QAM | 132322 | 1RB#49  | 23.53 | 24.00 |
| Band66 | 20MHz | QPSK  | 132322 | 1RB#99  | 24.31 | 25.00 |
| Band66 | 20MHz | 16QAM | 132322 | 1RB#99  | 23.36 | 24.00 |
| Band66 | 20MHz | QPSK  | 132322 | 50RB#0  | 23.15 | 24.00 |
| Band66 | 20MHz | 16QAM | 132322 | 50RB#0  | 22.31 | 23.00 |
| Band66 | 20MHz | QPSK  | 132322 | 50RB#25 | 23.19 | 24.00 |
| Band66 | 20MHz | 16QAM | 132322 | 50RB#25 | 22.29 | 23.00 |
| Band66 | 20MHz | QPSK  | 132322 | 50RB#50 | 23.17 | 24.00 |
| Band66 | 20MHz | 16QAM | 132322 | 50RB#50 | 22.38 | 23.00 |
| Band66 | 20MHz | QPSK  | 132322 | 100RB#0 | 23.08 | 24.00 |
| Band66 | 20MHz | 16QAM | 132322 | 100RB#0 | 22.37 | 23.00 |
| Band66 | 20MHz | QPSK  | 132572 | 1RB#0   | 24.32 | 25.00 |
| Band66 | 20MHz | 16QAM | 132572 | 1RB#0   | 23.05 | 24.00 |
| Band66 | 20MHz | QPSK  | 132572 | 1RB#49  | 24.27 | 25.00 |
| Band66 | 20MHz | 16QAM | 132572 | 1RB#49  | 22.98 | 23.00 |
| Band66 | 20MHz | QPSK  | 132572 | 1RB#99  | 24.15 | 25.00 |
| Band66 | 20MHz | 16QAM | 132572 | 1RB#99  | 22.85 | 23.00 |



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|--------|-------|-------|--------|---------|-------|-------|
| Band66 | 20MHz | QPSK  | 132572 | 50RB#0  | 23.03 | 24.00 |
| Band66 | 20MHz | 16QAM | 132572 | 50RB#0  | 22.28 | 23.00 |
| Band66 | 20MHz | QPSK  | 132572 | 50RB#25 | 23.20 | 24.00 |
| Band66 | 20MHz | 16QAM | 132572 | 50RB#25 | 22.30 | 23.00 |
| Band66 | 20MHz | QPSK  | 132572 | 50RB#50 | 22.97 | 23.00 |
| Band66 | 20MHz | 16QAM | 132572 | 50RB#50 | 22.28 | 23.00 |
| Band66 | 20MHz | QPSK  | 132572 | 100RB#0 | 23.11 | 24.00 |
| Band66 | 20MHz | 16QAM | 132572 | 100RB#0 | 22.11 | 23.00 |

### 1.1.13. Conducted Power Measurement Results(LTE Band 38)

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Tune up(dBm) |
|--------|-----------|------------|---------|------------------|-------------|--------------|
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#0            | 24.33       | 25.00        |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#0            | 23.87       | 24.00        |
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#12           | 24.36       | 25.00        |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#12           | 23.92       | 24.00        |
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#24           | 24.30       | 25.00        |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#24           | 23.85       | 24.00        |
| Band38 | 5MHz      | QPSK       | 37775   | 12RB#0           | 23.47       | 24.00        |
| Band38 | 5MHz      | 16QAM      | 37775   | 12RB#0           | 22.48       | 23.00        |
| Band38 | 5MHz      | QPSK       | 37775   | 12RB#6           | 23.35       | 24.00        |
| Band38 | 5MHz      | 16QAM      | 37775   | 12RB#6           | 22.50       | 23.00        |
| Band38 | 5MHz      | QPSK       | 37775   | 12RB#13          | 23.35       | 24.00        |
| Band38 | 5MHz      | 16QAM      | 37775   | 12RB#13          | 22.47       | 23.00        |
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | 23.39       | 24.00        |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | 22.49       | 23.00        |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#0            | 24.14       | 25.00        |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#0            | 23.85       | 24.00        |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#12           | 24.19       | 25.00        |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#12           | 23.77       | 24.00        |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#24           | 24.13       | 25.00        |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#24           | 23.73       | 24.00        |
| Band38 | 5MHz      | QPSK       | 38000   | 12RB#0           | 23.25       | 24.00        |
| Band38 | 5MHz      | 16QAM      | 38000   | 12RB#0           | 22.16       | 23.00        |
| Band38 | 5MHz      | QPSK       | 38000   | 12RB#6           | 23.12       | 24.00        |
| Band38 | 5MHz      | 16QAM      | 38000   | 12RB#6           | 22.18       | 23.00        |
| Band38 | 5MHz      | QPSK       | 38000   | 12RB#13          | 23.09       | 24.00        |
| Band38 | 5MHz      | 16QAM      | 38000   | 12RB#13          | 22.14       | 23.00        |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | 23.13       | 24.00        |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | 22.19       | 23.00        |



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|        |       |       |       |         |       |       |
|--------|-------|-------|-------|---------|-------|-------|
| Band38 | 5MHz  | QPSK  | 38225 | 1RB#0   | 23.91 | 24.00 |
| Band38 | 5MHz  | 16QAM | 38225 | 1RB#0   | 23.40 | 24.00 |
| Band38 | 5MHz  | QPSK  | 38225 | 1RB#12  | 24.01 | 25.00 |
| Band38 | 5MHz  | 16QAM | 38225 | 1RB#12  | 23.35 | 24.00 |
| Band38 | 5MHz  | QPSK  | 38225 | 1RB#24  | 23.88 | 24.00 |
| Band38 | 5MHz  | 16QAM | 38225 | 1RB#24  | 23.32 | 24.00 |
| Band38 | 5MHz  | QPSK  | 38225 | 12RB#0  | 23.10 | 24.00 |
| Band38 | 5MHz  | 16QAM | 38225 | 12RB#0  | 22.19 | 23.00 |
| Band38 | 5MHz  | QPSK  | 38225 | 12RB#6  | 23.12 | 24.00 |
| Band38 | 5MHz  | 16QAM | 38225 | 12RB#6  | 21.99 | 22.00 |
| Band38 | 5MHz  | QPSK  | 38225 | 12RB#13 | 23.02 | 24.00 |
| Band38 | 5MHz  | 16QAM | 38225 | 12RB#13 | 22.08 | 23.00 |
| Band38 | 5MHz  | QPSK  | 38225 | 25RB#0  | 22.88 | 23.00 |
| Band38 | 5MHz  | 16QAM | 38225 | 25RB#0  | 22.18 | 23.00 |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#0   | 24.44 | 25.00 |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#0   | 23.60 | 24.00 |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#24  | 24.40 | 25.00 |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#24  | 23.55 | 24.00 |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#49  | 24.43 | 25.00 |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#49  | 23.50 | 24.00 |
| Band38 | 10MHz | QPSK  | 37800 | 25RB#0  | 23.32 | 24.00 |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#0  | 22.49 | 23.00 |
| Band38 | 10MHz | QPSK  | 37800 | 25RB#12 | 23.33 | 24.00 |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#12 | 22.49 | 23.00 |
| Band38 | 10MHz | QPSK  | 37800 | 25RB#25 | 23.19 | 24.00 |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#25 | 22.31 | 23.00 |
| Band38 | 10MHz | QPSK  | 37800 | 50RB#0  | 23.27 | 24.00 |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0  | 22.37 | 23.00 |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#0   | 24.08 | 25.00 |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#0   | 23.04 | 24.00 |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#24  | 24.07 | 25.00 |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#24  | 23.00 | 24.00 |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#49  | 24.05 | 25.00 |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#49  | 22.95 | 23.00 |
| Band38 | 10MHz | QPSK  | 38000 | 25RB#0  | 23.05 | 24.00 |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#0  | 22.44 | 23.00 |
| Band38 | 10MHz | QPSK  | 38000 | 25RB#12 | 23.07 | 24.00 |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#12 | 22.36 | 23.00 |
| Band38 | 10MHz | QPSK  | 38000 | 25RB#25 | 23.05 | 24.00 |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#25 | 22.36 | 23.00 |



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|--------|-------|-------|-------|---------|-------|-------|
| Band38 | 10MHz | QPSK  | 38000 | 50RB#0  | 22.97 | 23.00 |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0  | 22.10 | 23.00 |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#0   | 24.12 | 25.00 |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#0   | 23.54 | 24.00 |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#24  | 23.97 | 24.00 |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#24  | 23.03 | 24.00 |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#49  | 23.90 | 24.00 |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#49  | 22.95 | 23.00 |
| Band38 | 10MHz | QPSK  | 38200 | 25RB#0  | 23.03 | 24.00 |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#0  | 22.19 | 23.00 |
| Band38 | 10MHz | QPSK  | 38200 | 25RB#12 | 23.04 | 24.00 |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#12 | 22.19 | 23.00 |
| Band38 | 10MHz | QPSK  | 38200 | 25RB#25 | 23.04 | 24.00 |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#25 | 22.13 | 23.00 |
| Band38 | 10MHz | QPSK  | 38200 | 50RB#0  | 22.95 | 23.00 |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0  | 22.19 | 23.00 |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#0   | 24.44 | 25.00 |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#0   | 23.60 | 24.00 |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#38  | 24.43 | 25.00 |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#38  | 23.56 | 24.00 |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#74  | 24.34 | 25.00 |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#74  | 23.50 | 24.00 |
| Band38 | 15MHz | QPSK  | 37825 | 38RB#0  | 23.21 | 24.00 |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#0  | 23.21 | 24.00 |
| Band38 | 15MHz | QPSK  | 37825 | 38RB#18 | 23.21 | 24.00 |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#18 | 23.21 | 24.00 |
| Band38 | 15MHz | QPSK  | 37825 | 38RB#37 | 23.21 | 24.00 |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#37 | 23.21 | 24.00 |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0  | 23.21 | 24.00 |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0  | 22.36 | 23.00 |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#0   | 24.37 | 25.00 |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#0   | 22.64 | 23.00 |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#38  | 24.17 | 25.00 |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#38  | 22.69 | 23.00 |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#74  | 24.22 | 25.00 |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#74  | 22.16 | 23.00 |
| Band38 | 15MHz | QPSK  | 38000 | 38RB#0  | 23.10 | 24.00 |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#0  | 23.10 | 24.00 |
| Band38 | 15MHz | QPSK  | 38000 | 38RB#18 | 23.10 | 24.00 |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#18 | 23.10 | 24.00 |



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|--------|-------|-------|-------|---------|-------|-------|
| Band38 | 15MHz | QPSK  | 38000 | 38RB#37 | 23.10 | 24.00 |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#37 | 23.09 | 24.00 |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0  | 23.09 | 24.00 |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0  | 22.25 | 23.00 |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#0   | 24.10 | 25.00 |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#0   | 23.60 | 24.00 |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#38  | 24.06 | 25.00 |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#38  | 23.50 | 24.00 |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#74  | 24.01 | 25.00 |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#74  | 23.55 | 24.00 |
| Band38 | 15MHz | QPSK  | 38175 | 38RB#0  | 22.95 | 23.00 |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#0  | 22.95 | 23.00 |
| Band38 | 15MHz | QPSK  | 38175 | 38RB#18 | 22.95 | 23.00 |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#18 | 22.94 | 23.00 |
| Band38 | 15MHz | QPSK  | 38175 | 38RB#37 | 22.94 | 23.00 |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#37 | 22.94 | 23.00 |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0  | 22.93 | 23.00 |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0  | 22.16 | 23.00 |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#0   | 24.25 | 25.00 |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0   | 23.52 | 24.00 |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#49  | 24.05 | 25.00 |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#49  | 23.53 | 24.00 |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#99  | 23.96 | 24.00 |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#99  | 23.37 | 24.00 |
| Band38 | 20MHz | QPSK  | 37850 | 50RB#0  | 23.32 | 24.00 |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#0  | 22.63 | 23.00 |
| Band38 | 20MHz | QPSK  | 37850 | 50RB#25 | 23.32 | 24.00 |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#25 | 22.64 | 23.00 |
| Band38 | 20MHz | QPSK  | 37850 | 50RB#50 | 23.21 | 24.00 |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#50 | 22.42 | 23.00 |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | 23.26 | 24.00 |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | 22.39 | 23.00 |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#0   | 24.29 | 25.00 |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#0   | 23.57 | 24.00 |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#49  | 24.18 | 25.00 |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#49  | 23.42 | 24.00 |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#99  | 24.19 | 25.00 |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#99  | 23.40 | 24.00 |
| Band38 | 20MHz | QPSK  | 38000 | 50RB#0  | 23.07 | 24.00 |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#0  | 22.25 | 23.00 |



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Scan code to check authenticity



|        |       |       |       |         |       |       |
|--------|-------|-------|-------|---------|-------|-------|
| Band38 | 20MHz | QPSK  | 38000 | 50RB#25 | 23.09 | 24.00 |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#25 | 22.26 | 23.00 |
| Band38 | 20MHz | QPSK  | 38000 | 50RB#50 | 23.08 | 24.00 |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#50 | 22.24 | 23.00 |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | 22.97 | 23.00 |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 22.27 | 23.00 |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#0   | 23.83 | 24.00 |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0   | 23.63 | 24.00 |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#49  | 23.89 | 24.00 |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#49  | 23.58 | 24.00 |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#99  | 23.85 | 24.00 |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#99  | 23.49 | 24.00 |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#0  | 22.99 | 23.00 |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#0  | 22.26 | 23.00 |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#25 | 23.01 | 24.00 |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#25 | 22.26 | 23.00 |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#50 | 22.83 | 23.00 |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#50 | 22.13 | 23.00 |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | 22.91 | 23.00 |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | 22.14 | 23.00 |

#### 1.1.14. Conducted Power Measurement Results(WIFI2.4G)

| Mode          | Frequency (MHz) | Antenna | Conducted Power (dBm) | Tune up (dBm) |
|---------------|-----------------|---------|-----------------------|---------------|
| 802.11b       | 2412            | Ant1    | 15.89                 | 16.00         |
|               | 2437            | Ant1    | 15.2                  | 16.00         |
|               | 2462            | Ant1    | 15.51                 | 16.00         |
| 802.11g       | 2412            | Ant1    | 14.13                 | 15.00         |
|               | 2437            | Ant1    | 15.04                 | 15.50         |
|               | 2462            | Ant1    | 14.15                 | 15.00         |
| 802.11n(HT20) | 2412            | Ant1    | 13.16                 | 14.00         |
|               | 2437            | Ant1    | 13.42                 | 14.00         |
|               | 2462            | Ant1    | 13.79                 | 14.00         |



**1.1.15. Conducted Power Measurement Results(Bluetooth)**

| TestMode | Antenna | Channel | Maximum Average Conducted Output Power (dBm) | Tune up (dBm) |
|----------|---------|---------|----------------------------------------------|---------------|
| DH5      | Ant1    | 2402    | 0.79                                         | 1.00          |
|          |         | 2441    | 2.69                                         | 3.00          |
|          |         | 2480    | 3.15                                         | 4.00          |
| 2DH5     | Ant1    | 2402    | 2.63                                         | 3.00          |
|          |         | 2441    | 1.14                                         | 2.00          |
|          |         | 2480    | 1.7                                          | 2.00          |
| 3DH5     | Ant1    | 2402    | -0.28                                        | 0.00          |
|          |         | 2441    | 1.61                                         | 2.00          |
|          |         | 2480    | 2.11                                         | 3.00          |

| TestMode | Antenna | Channel | Maximum Average Conducted Output Power (dBm) | Tune up (dBm) |
|----------|---------|---------|----------------------------------------------|---------------|
| BLE 1M   | Ant1    | 2402    | -0.15                                        | 0.00          |
|          |         | 2440    | 1.56                                         | 2.00          |
|          |         | 2480    | 2.2                                          | 3.00          |

**Tune Up Procedure**

1. RX Gain Calibration
  - a. Put DUT in test mode
  - b. Put DUT in BCH mode
  - c. Put DUT in selected channel band
  - d. Total gain chain calibration at center ARFCN
  - e. Frequency Ripple calibration
  - f. Complete RX\_AGC Gain table
2. TX Power Calibration
  - a. Put DUT in test mode
  - b. Put DUT in BCH mode
  - c. Put DUT in selected channel band
  - d. Total gain chain calibration at center ARFCN
  - e. Frequency Ripple calibration
  - f. Complete TX\_APC Gain table
3. AFC Calibration





- a. Put DUT in test mode
- b. Put DUT in selected channel mode
- c. Calibration AFC at center ARFCN
- d. Complete AFC result table

