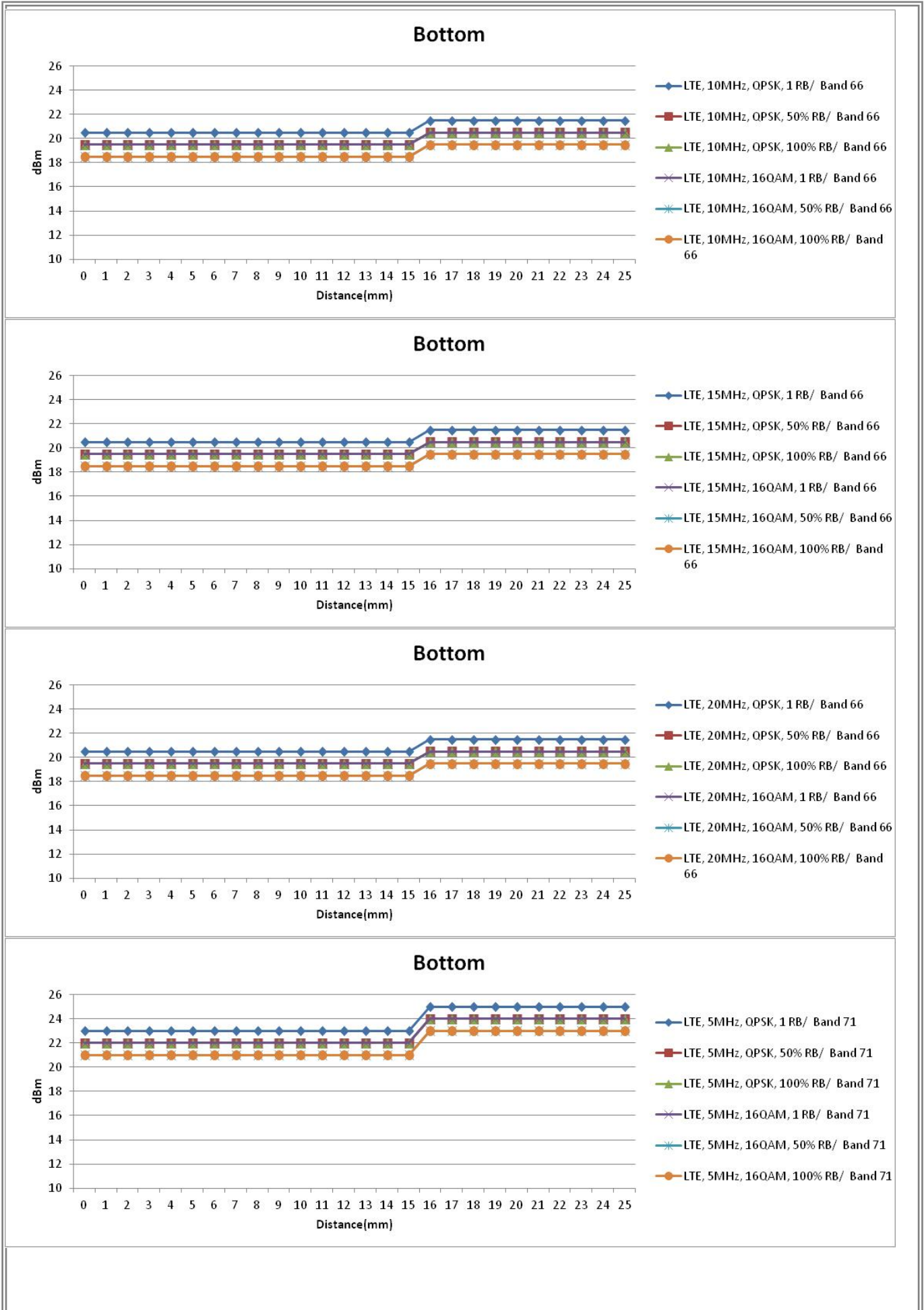
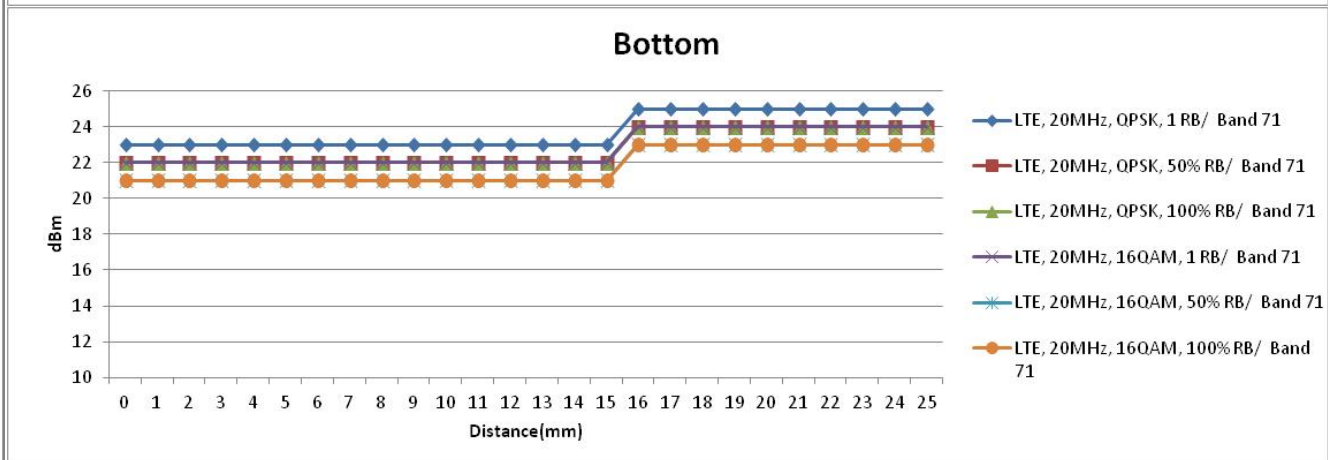
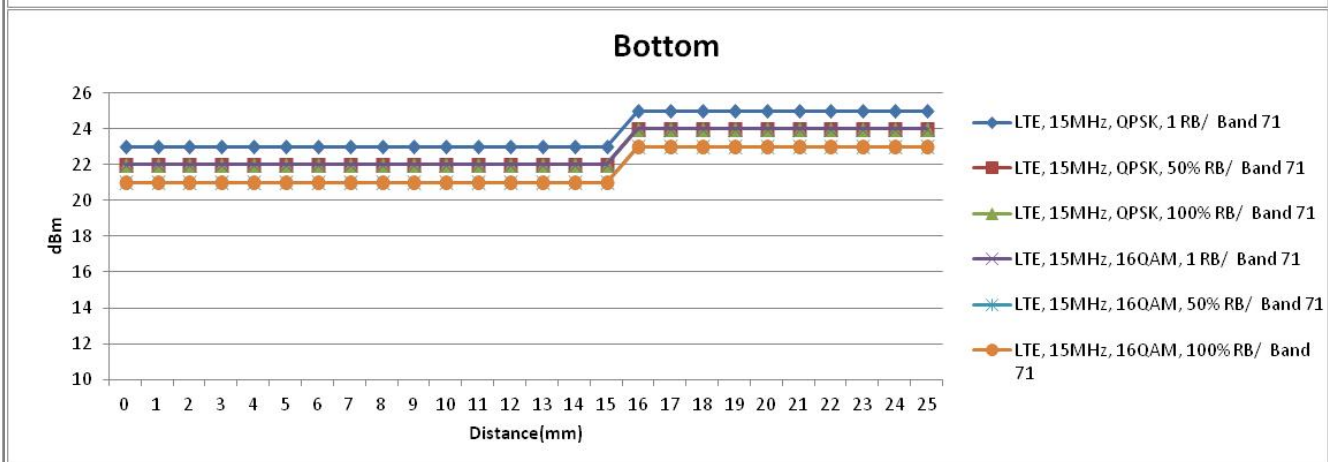
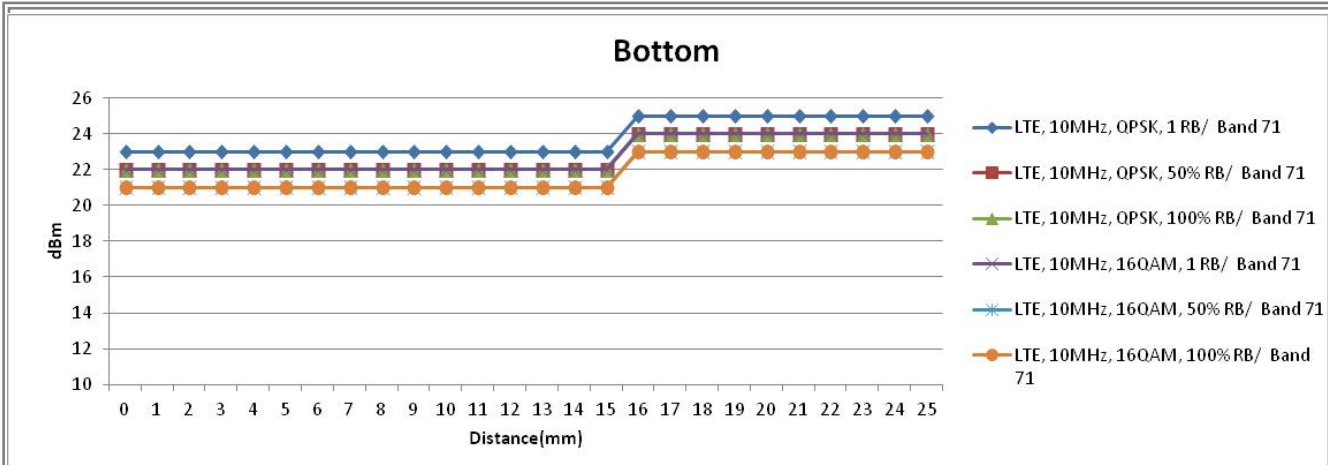






## 9. CONDUCTED POWER RESULTS

### 9.1. UMTS Band

P-sensor off

| Band            | UMTS Band II Average Conducted Power(dBm) |           |         |           |
|-----------------|-------------------------------------------|-----------|---------|-----------|
| Tx Channel      | Max. Tune-up power (dBm)                  | 9262      | 9400    | 9538      |
| Rx Channel      |                                           | 9662      | 9800    | 9938      |
| Frequency       |                                           | 1852.4MHz | 1880MHz | 1907.6MHz |
| RMC 12.2K       | 24.50                                     | 24.34     | 24.39   | 24.33     |
| HSDPA Subtest-1 | 24.50                                     | 24.26     | 24.31   | 24.26     |
| HSDPA Subtest-2 | 24.00                                     | 23.76     | 23.83   | 23.76     |
| HSDPA Subtest-3 | 23.50                                     | 23.27     | 23.34   | 23.31     |
| HSDPA Subtest-4 | 23.50                                     | 23.31     | 23.38   | 23.28     |
| HSUPA Subtest-1 | 24.50                                     | 24.21     | 24.23   | 24.22     |
| HSUPA Subtest-2 | 22.50                                     | 22.23     | 22.28   | 22.23     |
| HSUPA Subtest-3 | 23.50                                     | 23.26     | 23.27   | 23.23     |
| HSUPA Subtest-4 | 22.50                                     | 22.26     | 22.24   | 22.25     |
| HSUPA Subtest-5 | 24.50                                     | 24.16     | 24.16   | 24.13     |

P-sensor on

| Band            | UMTS Band II Average Conducted Power(dBm) |           |         |           |
|-----------------|-------------------------------------------|-----------|---------|-----------|
| Tx Channel      | Max. Tune-up power (dBm)                  | 9262      | 9400    | 9538      |
| Rx Channel      |                                           | 9662      | 9800    | 9938      |
| Frequency       |                                           | 1852.4MHz | 1880MHz | 1907.6MHz |
| RMC 12.2K       | 23.00                                     | 22.89     | 22.92   | 22.90     |
| HSDPA Subtest-1 | 23.00                                     | 22.81     | 22.84   | 22.83     |
| HSDPA Subtest-2 | 22.50                                     | 22.31     | 22.36   | 22.33     |
| HSDPA Subtest-3 | 22.00                                     | 21.82     | 21.87   | 21.88     |
| HSDPA Subtest-4 | 22.00                                     | 21.86     | 21.91   | 21.85     |
| HSUPA Subtest-1 | 23.00                                     | 22.76     | 22.76   | 22.79     |
| HSUPA Subtest-2 | 21.00                                     | 20.78     | 20.81   | 20.80     |
| HSUPA Subtest-3 | 22.00                                     | 21.81     | 21.80   | 21.80     |
| HSUPA Subtest-4 | 21.00                                     | 20.81     | 20.77   | 20.82     |
| HSUPA Subtest-5 | 23.00                                     | 22.71     | 22.69   | 22.70     |

**P-sensor off**

| Band            | UMTS Band IV Average Conducted Power(dBm) |           |           |           |
|-----------------|-------------------------------------------|-----------|-----------|-----------|
| Tx Channel      | Max. Tune-up power<br>(dBm)               | 1312      | 1413      | 1513      |
| Rx Channel      |                                           | 1537      | 1652      | 1738      |
| Frequency       |                                           | 1712.4MHz | 1732.6MHz | 1752.6MHz |
| RMC 12.2K       | 24.50                                     | 24.36     | 24.42     | 24.37     |
| HSDPA Subtest-1 | 24.50                                     | 24.25     | 24.33     | 24.30     |
| HSDPA Subtest-2 | 24.00                                     | 23.75     | 23.85     | 23.80     |
| HSDPA Subtest-3 | 23.50                                     | 23.26     | 23.36     | 23.35     |
| HSDPA Subtest-4 | 23.50                                     | 23.30     | 23.40     | 23.32     |
| HSUPA Subtest-1 | 24.50                                     | 24.12     | 24.25     | 24.21     |
| HSUPA Subtest-2 | 22.50                                     | 22.14     | 22.30     | 22.22     |
| HSUPA Subtest-3 | 23.50                                     | 23.17     | 23.29     | 23.22     |
| HSUPA Subtest-4 | 22.50                                     | 22.17     | 22.26     | 22.24     |
| HSUPA Subtest-5 | 24.50                                     | 24.07     | 24.18     | 24.12     |

**P-sensor on**

| Band            | UMTS Band IV Average Conducted Power(dBm) |           |           |           |
|-----------------|-------------------------------------------|-----------|-----------|-----------|
| Tx Channel      | Max. Tune-up power<br>(dBm)               | 1312      | 1413      | 1513      |
| Rx Channel      |                                           | 1537      | 1652      | 1738      |
| Frequency       |                                           | 1712.4MHz | 1732.6MHz | 1752.6MHz |
| RMC 12.2K       | 23.00                                     | 22.86     | 22.89     | 22.88     |
| HSDPA Subtest-1 | 23.00                                     | 22.75     | 22.80     | 22.81     |
| HSDPA Subtest-2 | 22.50                                     | 22.25     | 22.32     | 22.31     |
| HSDPA Subtest-3 | 22.00                                     | 21.76     | 21.83     | 21.86     |
| HSDPA Subtest-4 | 22.00                                     | 21.80     | 21.87     | 21.83     |
| HSUPA Subtest-1 | 23.00                                     | 22.62     | 22.72     | 22.72     |
| HSUPA Subtest-2 | 21.00                                     | 20.64     | 20.77     | 20.73     |
| HSUPA Subtest-3 | 22.00                                     | 21.67     | 21.76     | 21.73     |
| HSUPA Subtest-4 | 21.00                                     | 20.67     | 20.73     | 20.75     |
| HSUPA Subtest-5 | 23.00                                     | 22.57     | 22.65     | 22.63     |

**P-sensor off**

| Band            | UMTS Band V Average Conducted Power(dBm) |          |          |          |
|-----------------|------------------------------------------|----------|----------|----------|
| Tx Channel      | Max. Tune-up power<br>(dBm)              | 4132     | 4182     | 4233     |
| Rx Channel      |                                          | 4357     | 4407     | 4458     |
| Frequency       |                                          | 826.4MHz | 836.4MHz | 846.6MHz |
| RMC 12.2K       | 24.50                                    | 24.35    | 24.40    | 24.39    |
| HSDPA Subtest-1 | 24.50                                    | 24.24    | 24.31    | 24.32    |
| HSDPA Subtest-2 | 24.00                                    | 23.74    | 23.83    | 23.82    |
| HSDPA Subtest-3 | 23.50                                    | 23.25    | 23.34    | 23.37    |
| HSDPA Subtest-4 | 23.50                                    | 23.29    | 23.38    | 23.34    |
| HSUPA Subtest-1 | 24.50                                    | 24.11    | 24.23    | 24.23    |
| HSUPA Subtest-2 | 22.50                                    | 22.13    | 22.28    | 22.24    |
| HSUPA Subtest-3 | 23.50                                    | 23.16    | 23.27    | 23.24    |
| HSUPA Subtest-4 | 22.50                                    | 22.16    | 22.24    | 22.26    |
| HSUPA Subtest-5 | 24.50                                    | 24.06    | 24.16    | 24.14    |

**P-sensor on**

| Band            | UMTS Band V Average Conducted Power(dBm) |          |          |          |
|-----------------|------------------------------------------|----------|----------|----------|
| Tx Channel      | Max. Tune-up power<br>(dBm)              | 4132     | 4182     | 4233     |
| Rx Channel      |                                          | 4357     | 4407     | 4458     |
| Frequency       |                                          | 826.4MHz | 836.4MHz | 846.6MHz |
| RMC 12.2K       | 23.00                                    | 22.86    | 22.91    | 22.88    |
| HSDPA Subtest-1 | 23.00                                    | 22.75    | 22.82    | 22.81    |
| HSDPA Subtest-2 | 22.50                                    | 22.25    | 22.34    | 22.31    |
| HSDPA Subtest-3 | 22.00                                    | 21.76    | 21.85    | 21.86    |
| HSDPA Subtest-4 | 22.00                                    | 21.80    | 21.89    | 21.83    |
| HSUPA Subtest-1 | 23.00                                    | 22.62    | 22.74    | 22.72    |
| HSUPA Subtest-2 | 21.00                                    | 20.64    | 20.79    | 20.73    |
| HSUPA Subtest-3 | 22.00                                    | 21.67    | 21.78    | 21.73    |
| HSUPA Subtest-4 | 21.00                                    | 20.67    | 20.75    | 20.75    |
| HSUPA Subtest-5 | 23.00                                    | 22.57    | 22.67    | 22.63    |

## 9.2. LTE Band

### LTE Band 2

P-sensor off

| LTE B2/BW=1.4M |                | Average Conducted Power(dBm) |                        |              |              | LTE B2/BW=3M  |                | Average Conducted Power(dBm) |                        |              |              |
|----------------|----------------|------------------------------|------------------------|--------------|--------------|---------------|----------------|------------------------------|------------------------|--------------|--------------|
| Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |              |              | Modulation    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |              |              |
|                |                |                              | 18607/1850.7           | 18900/1880.0 | 19192/1909.2 |               |                |                              | 18615/1851.5           | 18900/1880.0 | 19184/1908.4 |
| QPSK           | 1/0            | 24.00                        | 23.45                  | 23.51        | 23.48        | QPSK          | 1/0            | 24.00                        | 23.49                  | 23.55        | 23.52        |
|                | 1/12           | 24.00                        | 23.34                  | 23.43        | 23.34        |               | 1/12           | 24.00                        | 23.38                  | 23.47        | 23.38        |
|                | 1/24           | 24.00                        | 23.25                  | 23.35        | 23.26        |               | 1/49           | 24.00                        | 23.29                  | 23.39        | 23.30        |
|                | 12/0           | 23.00                        | 22.54                  | 22.60        | 22.57        |               | 25/0           | 23.00                        | 22.58                  | 22.64        | 22.61        |
|                | 12/6           | 23.00                        | 22.39                  | 22.48        | 22.39        |               | 25/12          | 23.00                        | 22.43                  | 22.52        | 22.43        |
|                | 12/11          | 23.00                        | 22.32                  | 22.42        | 22.33        |               | 25/24          | 23.00                        | 22.36                  | 22.46        | 22.37        |
|                | 25/0           | 23.00                        | 22.49                  | 22.55        | 22.52        |               | 50/0           | 23.00                        | 22.53                  | 22.59        | 22.56        |
| 16QAM          | 1/0            | 23.00                        | 22.52                  | 22.58        | 22.55        | 16QAM         | 1/0            | 23.00                        | 22.56                  | 22.62        | 22.59        |
|                | 1/12           | 23.00                        | 22.42                  | 22.51        | 22.42        |               | 1/24           | 23.00                        | 22.46                  | 22.55        | 22.46        |
|                | 1/24           | 23.00                        | 22.35                  | 22.45        | 22.36        |               | 1/49           | 23.00                        | 22.39                  | 22.49        | 22.40        |
|                | 12/0           | 22.00                        | 21.44                  | 21.47        | 21.41        |               | 25/0           | 22.00                        | 21.48                  | 21.51        | 21.45        |
|                | 12/6           | 22.00                        | 21.31                  | 21.35        | 21.24        |               | 25/12          | 22.00                        | 21.35                  | 21.39        | 21.28        |
|                | 12/11          | 22.00                        | 21.20                  | 21.25        | 21.36        |               | 25/24          | 22.00                        | 21.24                  | 21.29        | 21.40        |
|                | 25/0           | 22.00                        | 21.41                  | 21.37        | 21.36        |               | 50/0           | 22.00                        | 21.45                  | 21.41        | 21.40        |
| LTE B2/BW=5M   |                | Average Conducted Power(dBm) |                        |              |              | LTE B2/BW=10M |                | Average Conducted Power(dBm) |                        |              |              |
| Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |              |              | Modulation    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |              |              |
|                |                |                              | 18625/1852.5           | 18900/1880   | 19175/1907.5 |               |                |                              | 18650/1855             | 18900/1880   | 19150/1905   |
| QPSK           | 1/0            | 24.00                        | 23.57                  | 23.63        | 23.60        | QPSK          | 1/0            | 24.00                        | 23.64                  | 23.70        | 23.67        |
|                | 1/37           | 24.00                        | 23.46                  | 23.55        | 23.46        |               | 1/49           | 24.00                        | 23.53                  | 23.62        | 23.53        |
|                | 1/74           | 24.00                        | 23.37                  | 23.47        | 23.38        |               | 1/99           | 24.00                        | 23.44                  | 23.54        | 23.45        |
|                | 36/0           | 23.00                        | 22.66                  | 22.72        | 22.69        |               | 50/0           | 23.00                        | 22.73                  | 22.79        | 22.76        |
|                | 36/18          | 23.00                        | 22.51                  | 22.60        | 22.51        |               | 50/24          | 23.00                        | 22.58                  | 22.67        | 22.58        |
|                | 36/35          | 23.00                        | 22.44                  | 22.54        | 22.45        |               | 50/49          | 23.00                        | 22.51                  | 22.61        | 22.52        |
|                | 75/0           | 23.00                        | 22.61                  | 22.67        | 22.64        |               | 100/0          | 23.00                        | 22.68                  | 22.74        | 22.71        |
| 16QAM          | 1/0            | 23.00                        | 22.64                  | 22.70        | 22.67        | 16QAM         | 1/0            | 23.00                        | 22.71                  | 22.77        | 22.74        |
|                | 1/37           | 23.00                        | 22.54                  | 22.63        | 22.54        |               | 1/49           | 23.00                        | 22.61                  | 22.70        | 22.61        |
|                | 1/74           | 23.00                        | 22.47                  | 22.57        | 22.48        |               | 1/99           | 23.00                        | 22.54                  | 22.64        | 22.55        |
|                | 36/0           | 22.00                        | 21.56                  | 21.59        | 21.53        |               | 50/0           | 22.00                        | 21.63                  | 21.66        | 21.60        |
|                | 36/18          | 22.00                        | 21.43                  | 21.47        | 21.36        |               | 50/24          | 22.00                        | 21.50                  | 21.54        | 21.43        |
|                | 36/35          | 22.00                        | 21.32                  | 21.37        | 21.48        |               | 50/49          | 22.00                        | 21.39                  | 21.44        | 21.55        |
|                | 75/0           | 22.00                        | 21.53                  | 21.49        | 21.48        |               | 100/0          | 22.00                        | 21.60                  | 21.56        | 21.55        |

| LTE B2/BW=15M |                | Average Conducted Power(dBm) |                        |            |              | LTE B2/BW=20M |                | Average Conducted Power(dBm) |                        |            |            |
|---------------|----------------|------------------------------|------------------------|------------|--------------|---------------|----------------|------------------------------|------------------------|------------|------------|
| Modulation    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |            |              | Modulation    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |            |            |
|               |                |                              | 18675/1857.5           | 18900/1880 | 19125/1902.5 |               |                |                              | 18700/1860             | 18900/1880 | 19100/1900 |
| QPSK          | 1/0            | 24.00                        | 23.69                  | 23.75      | 23.72        | QPSK          | 1/0            | 24.00                        | 23.82                  | 23.88      | 23.85      |
|               | 1/37           | 24.00                        | 23.58                  | 23.67      | 23.58        |               | 1/49           | 24.00                        | 23.71                  | 23.80      | 23.71      |
|               | 1/74           | 24.00                        | 23.49                  | 23.59      | 23.50        |               | 1/99           | 24.00                        | 23.62                  | 23.72      | 23.63      |
|               | 36/0           | 23.00                        | 22.78                  | 22.84      | 22.81        |               | 50/0           | 23.00                        | 22.91                  | 22.97      | 22.94      |
|               | 36/18          | 23.00                        | 22.63                  | 22.72      | 22.63        |               | 50/24          | 23.00                        | 22.76                  | 22.85      | 22.76      |
|               | 36/35          | 23.00                        | 22.56                  | 22.66      | 22.57        |               | 50/49          | 23.00                        | 22.69                  | 22.79      | 22.70      |
|               | 75/0           | 23.00                        | 22.73                  | 22.79      | 22.76        |               | 100/0          | 23.00                        | 22.86                  | 22.92      | 22.89      |
| 16QAM         | 1/0            | 23.00                        | 22.76                  | 22.82      | 22.79        | 16QAM         | 1/0            | 23.00                        | 22.89                  | 22.95      | 22.92      |
|               | 1/37           | 23.00                        | 22.66                  | 22.75      | 22.66        |               | 1/49           | 23.00                        | 22.79                  | 22.88      | 22.79      |
|               | 1/74           | 23.00                        | 22.59                  | 22.69      | 22.60        |               | 1/99           | 23.00                        | 22.72                  | 22.82      | 22.73      |
|               | 36/0           | 22.00                        | 21.68                  | 21.71      | 21.65        |               | 50/0           | 22.00                        | 21.81                  | 21.84      | 21.78      |
|               | 36/18          | 22.00                        | 21.55                  | 21.59      | 21.48        |               | 50/24          | 22.00                        | 21.68                  | 21.72      | 21.61      |
|               | 36/35          | 22.00                        | 21.44                  | 21.49      | 21.60        |               | 50/49          | 22.00                        | 21.57                  | 21.62      | 21.73      |
|               | 75/0           | 22.00                        | 21.65                  | 21.61      | 21.60        |               | 100/0          | 22.00                        | 21.78                  | 21.74      | 21.73      |

#### P-sensor on

| LTE B2/BW=1.4M |                | Average Conducted Power(dBm) |                        |              |              | LTE B2/BW=3M |                | Average Conducted Power(dBm) |                        |              |              |
|----------------|----------------|------------------------------|------------------------|--------------|--------------|--------------|----------------|------------------------------|------------------------|--------------|--------------|
| Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |              |              | Modulation   | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |              |              |
|                |                |                              | 18607/1850.7           | 18900/1880.0 | 19192/1909.2 |              |                |                              | 18615/1851.5           | 18900/1880.0 | 19184/1908.4 |
| QPSK           | 1/0            | 23.00                        | 22.51                  | 22.53        | 22.48        | QPSK         | 1/0            | 23.00                        | 22.55                  | 22.57        | 22.52        |
|                | 1/12           | 23.00                        | 22.41                  | 22.45        | 22.35        |              | 1/12           | 23.00                        | 22.45                  | 22.49        | 22.39        |
|                | 1/24           | 23.00                        | 22.28                  | 22.36        | 22.27        |              | 1/49           | 23.00                        | 22.32                  | 22.40        | 22.31        |
|                | 12/0           | 22.00                        | 21.60                  | 21.62        | 21.57        |              | 25/0           | 22.00                        | 21.64                  | 21.66        | 21.61        |
|                | 12/6           | 22.00                        | 21.46                  | 21.50        | 21.40        |              | 25/12          | 22.00                        | 21.50                  | 21.54        | 21.44        |
|                | 12/11          | 22.00                        | 21.35                  | 21.43        | 21.34        |              | 25/24          | 22.00                        | 21.39                  | 21.47        | 21.38        |
|                | 25/0           | 22.00                        | 21.55                  | 21.57        | 21.52        |              | 50/0           | 22.00                        | 21.59                  | 21.61        | 21.56        |
| 16QAM          | 1/0            | 22.00                        | 21.58                  | 21.60        | 21.55        | 16QAM        | 1/0            | 22.00                        | 21.62                  | 21.64        | 21.59        |
|                | 1/12           | 22.00                        | 21.49                  | 21.53        | 21.43        |              | 1/24           | 22.00                        | 21.53                  | 21.57        | 21.47        |
|                | 1/24           | 22.00                        | 21.38                  | 21.46        | 21.37        |              | 1/49           | 22.00                        | 21.42                  | 21.50        | 21.41        |
|                | 12/0           | 21.00                        | 20.50                  | 20.49        | 20.41        |              | 25/0           | 21.00                        | 20.54                  | 20.53        | 20.45        |
|                | 12/6           | 21.00                        | 20.38                  | 20.37        | 20.25        |              | 25/12          | 21.00                        | 20.42                  | 20.41        | 20.29        |
|                | 12/11          | 21.00                        | 20.23                  | 20.26        | 20.37        |              | 25/24          | 21.00                        | 20.27                  | 20.30        | 20.41        |
|                | 25/0           | 21.00                        | 20.47                  | 20.39        | 20.36        |              | 50/0           | 21.00                        | 20.51                  | 20.43        | 20.40        |

| LTE B2/BW=5M  |                | Average Conducted Power(dBm) |                        |            |              | LTE B2/BW=10M |                | Average Conducted Power(dBm) |                        |            |            |
|---------------|----------------|------------------------------|------------------------|------------|--------------|---------------|----------------|------------------------------|------------------------|------------|------------|
| Modulation    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |            |              | Modulation    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |            |            |
|               |                |                              | 18625/1852.5           | 18900/1880 | 19175/1907.5 |               |                |                              | 18650/1855             | 18900/1880 | 19150/1905 |
| QPSK          | 1/0            | 23.00                        | 22.63                  | 22.65      | 22.60        | QPSK          | 1/0            | 23.00                        | 22.70                  | 22.72      | 22.67      |
|               | 1/12           | 23.00                        | 22.53                  | 22.57      | 22.47        |               | 1/12           | 23.00                        | 22.60                  | 22.64      | 22.54      |
|               | 1/24           | 23.00                        | 22.40                  | 22.48      | 22.39        |               | 1/49           | 23.00                        | 22.47                  | 22.55      | 22.46      |
|               | 12/0           | 22.00                        | 21.72                  | 21.74      | 21.69        |               | 25/0           | 22.00                        | 21.79                  | 21.81      | 21.76      |
|               | 12/6           | 22.00                        | 21.58                  | 21.62      | 21.52        |               | 25/12          | 22.00                        | 21.65                  | 21.69      | 21.59      |
|               | 12/11          | 22.00                        | 21.47                  | 21.55      | 21.46        |               | 25/24          | 22.00                        | 21.54                  | 21.62      | 21.53      |
|               | 25/0           | 22.00                        | 21.67                  | 21.69      | 21.64        |               | 50/0           | 22.00                        | 21.74                  | 21.76      | 21.71      |
| 16QAM         | 1/0            | 22.00                        | 21.70                  | 21.72      | 21.67        | 16QAM         | 1/0            | 22.00                        | 21.77                  | 21.79      | 21.74      |
|               | 1/12           | 22.00                        | 21.61                  | 21.65      | 21.55        |               | 1/24           | 22.00                        | 21.68                  | 21.72      | 21.62      |
|               | 1/24           | 22.00                        | 21.50                  | 21.58      | 21.49        |               | 1/49           | 22.00                        | 21.57                  | 21.65      | 21.56      |
|               | 12/0           | 21.00                        | 20.62                  | 20.61      | 20.53        |               | 25/0           | 21.00                        | 20.69                  | 20.68      | 20.60      |
|               | 12/6           | 21.00                        | 20.50                  | 20.49      | 20.37        |               | 25/12          | 21.00                        | 20.57                  | 20.56      | 20.44      |
|               | 12/11          | 21.00                        | 20.35                  | 20.38      | 20.49        |               | 25/24          | 21.00                        | 20.42                  | 20.45      | 20.56      |
|               | 25/0           | 21.00                        | 20.59                  | 20.51      | 20.48        |               | 50/0           | 21.00                        | 20.66                  | 20.58      | 20.55      |
| LTE B2/BW=15M |                | Average Conducted Power(dBm) |                        |            |              | LTE B2/BW=20M |                | Average Conducted Power(dBm) |                        |            |            |
| Modulation    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |            |              | Modulation    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |            |            |
|               |                |                              | 18675/1857.5           | 18900/1880 | 19125/1902.5 |               |                |                              | 18700/1860             | 18900/1880 | 19100/1900 |
| QPSK          | 1/0            | 23.00                        | 22.75                  | 22.77      | 22.72        | QPSK          | 1/0            | 23.00                        | 22.88                  | 22.90      | 22.85      |
|               | 1/37           | 23.00                        | 22.65                  | 22.69      | 22.59        |               | 1/49           | 23.00                        | 22.78                  | 22.82      | 22.72      |
|               | 1/74           | 23.00                        | 22.52                  | 22.60      | 22.51        |               | 1/99           | 23.00                        | 22.65                  | 22.73      | 22.64      |
|               | 36/0           | 22.00                        | 21.84                  | 21.86      | 21.81        |               | 50/0           | 22.00                        | 21.97                  | 21.99      | 21.94      |
|               | 36/18          | 22.00                        | 21.70                  | 21.74      | 21.64        |               | 50/24          | 22.00                        | 21.83                  | 21.87      | 21.77      |
|               | 36/35          | 22.00                        | 21.59                  | 21.67      | 21.58        |               | 50/49          | 22.00                        | 21.72                  | 21.80      | 21.71      |
|               | 75/0           | 22.00                        | 21.79                  | 21.81      | 21.76        |               | 100/0          | 22.00                        | 21.92                  | 21.94      | 21.89      |
| 16QAM         | 1/0            | 22.00                        | 21.82                  | 21.84      | 21.79        | 16QAM         | 1/0            | 22.00                        | 21.95                  | 21.97      | 21.92      |
|               | 1/37           | 22.00                        | 21.73                  | 21.77      | 21.67        |               | 1/49           | 22.00                        | 21.86                  | 21.90      | 21.80      |
|               | 1/74           | 22.00                        | 21.62                  | 21.70      | 21.61        |               | 1/99           | 22.00                        | 21.75                  | 21.83      | 21.74      |
|               | 36/0           | 21.00                        | 20.74                  | 20.73      | 20.65        |               | 50/0           | 21.00                        | 20.87                  | 20.86      | 20.78      |
|               | 36/18          | 21.00                        | 20.62                  | 20.61      | 20.49        |               | 50/24          | 21.00                        | 20.75                  | 20.74      | 20.62      |
|               | 36/35          | 21.00                        | 20.47                  | 20.50      | 20.61        |               | 50/49          | 21.00                        | 20.60                  | 20.63      | 20.74      |
|               | 75/0           | 21.00                        | 20.71                  | 20.63      | 20.60        |               | 100/0          | 21.00                        | 20.84                  | 20.76      | 20.73      |

# LTE Band 4

## P-sensor off

| LTE B4/BW=1.4M |                | Average Conducted Power(dBm) |                        |              |              | LTE B4/BW=3M  |                | Average Conducted Power(dBm) |                        |              |              |
|----------------|----------------|------------------------------|------------------------|--------------|--------------|---------------|----------------|------------------------------|------------------------|--------------|--------------|
| Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |              |              | Modulation    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |              |              |
|                |                |                              | 19957/1710.7           | 20175/1732.5 | 20392/1754.2 |               |                |                              | 19965/1711.5           | 20175/1732.5 | 20384/1753.4 |
| QPSK           | 1/0            | 24.00                        | 23.43                  | 23.46        | 23.44        | QPSK          | 1/0            | 24.00                        | 23.51                  | 23.54        | 23.52        |
|                | 1/12           | 24.00                        | 23.30                  | 23.35        | 23.32        |               | 1/12           | 24.00                        | 23.38                  | 23.43        | 23.40        |
|                | 1/24           | 24.00                        | 23.23                  | 23.29        | 23.26        |               | 1/49           | 24.00                        | 23.31                  | 23.37        | 23.34        |
|                | 12/0           | 23.00                        | 22.52                  | 22.50        | 22.53        |               | 25/0           | 23.00                        | 22.60                  | 22.58        | 22.61        |
|                | 12/6           | 23.00                        | 22.35                  | 22.42        | 22.37        |               | 25/12          | 23.00                        | 22.43                  | 22.50        | 22.45        |
|                | 12/11          | 23.00                        | 22.30                  | 22.36        | 22.33        |               | 25/24          | 23.00                        | 22.38                  | 22.44        | 22.41        |
|                | 25/0           | 23.00                        | 22.47                  | 22.50        | 22.48        |               | 50/0           | 23.00                        | 22.55                  | 22.58        | 22.56        |
| 16QAM          | 1/0            | 23.00                        | 22.50                  | 22.53        | 22.51        | 16QAM         | 1/0            | 23.00                        | 22.58                  | 22.61        | 22.59        |
|                | 1/12           | 23.00                        | 22.38                  | 22.43        | 22.40        |               | 1/24           | 23.00                        | 22.46                  | 22.51        | 22.48        |
|                | 1/24           | 23.00                        | 22.33                  | 22.39        | 22.36        |               | 1/49           | 23.00                        | 22.41                  | 22.47        | 22.44        |
|                | 12/0           | 22.00                        | 21.40                  | 21.46        | 21.57        |               | 25/0           | 22.00                        | 21.48                  | 21.54        | 21.65        |
|                | 12/6           | 22.00                        | 21.24                  | 21.33        | 21.40        |               | 25/12          | 22.00                        | 21.32                  | 21.41        | 21.48        |
|                | 12/11          | 22.00                        | 21.15                  | 21.25        | 21.36        |               | 25/24          | 22.00                        | 21.23                  | 21.33        | 21.44        |
|                | 25/0           | 22.00                        | 21.33                  | 21.39        | 21.51        |               | 50/0           | 22.00                        | 21.41                  | 21.47        | 21.59        |
| LTE B4/BW=5M   |                | Average Conducted Power(dBm) |                        |              |              | LTE B4/BW=10M |                | Average Conducted Power(dBm) |                        |              |              |
| Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |              |              | Modulation    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |              |              |
|                |                |                              | 19975/1712.5           | 20175/1732.5 | 20375/1752.5 |               |                |                              | 20000/1715             | 20175/1732.5 | 20350/1750   |
| QPSK           | 1/0            | 24.00                        | 23.56                  | 23.59        | 23.57        | QPSK          | 1/0            | 24.00                        | 23.60                  | 23.63        | 23.61        |
|                | 1/37           | 24.00                        | 23.43                  | 23.48        | 23.45        |               | 1/49           | 24.00                        | 23.47                  | 23.52        | 23.49        |
|                | 1/74           | 24.00                        | 23.36                  | 23.42        | 23.39        |               | 1/99           | 24.00                        | 23.40                  | 23.46        | 23.43        |
|                | 36/0           | 23.00                        | 22.65                  | 22.63        | 22.66        |               | 50/0           | 23.00                        | 22.69                  | 22.67        | 22.70        |
|                | 36/18          | 23.00                        | 22.48                  | 22.55        | 22.50        |               | 50/24          | 23.00                        | 22.52                  | 22.59        | 22.54        |
|                | 36/35          | 23.00                        | 22.43                  | 22.49        | 22.46        |               | 50/49          | 23.00                        | 22.47                  | 22.53        | 22.50        |
|                | 75/0           | 23.00                        | 22.60                  | 22.63        | 22.61        |               | 100/0          | 23.00                        | 22.64                  | 22.67        | 22.65        |
| 16QAM          | 1/0            | 23.00                        | 22.63                  | 22.66        | 22.64        | 16QAM         | 1/0            | 23.00                        | 22.67                  | 22.70        | 22.68        |
|                | 1/37           | 23.00                        | 22.51                  | 22.56        | 22.53        |               | 1/49           | 23.00                        | 22.55                  | 22.60        | 22.57        |
|                | 1/74           | 23.00                        | 22.46                  | 22.52        | 22.49        |               | 1/99           | 23.00                        | 22.50                  | 22.56        | 22.53        |
|                | 36/0           | 22.00                        | 21.53                  | 21.59        | 21.70        |               | 50/0           | 22.00                        | 21.57                  | 21.63        | 21.74        |
|                | 36/18          | 22.00                        | 21.37                  | 21.46        | 21.53        |               | 50/24          | 22.00                        | 21.41                  | 21.50        | 21.57        |
|                | 36/35          | 22.00                        | 21.28                  | 21.38        | 21.49        |               | 50/49          | 22.00                        | 21.32                  | 21.42        | 21.53        |
|                | 75/0           | 22.00                        | 21.46                  | 21.52        | 21.64        |               | 100/0          | 22.00                        | 21.50                  | 21.56        | 21.68        |

| LTE B4/BW=15M |                | Average Conducted Power(dBm) |                        |              |              | LTE B4/BW=20M |                | Average Conducted Power(dBm) |                        |              |            |
|---------------|----------------|------------------------------|------------------------|--------------|--------------|---------------|----------------|------------------------------|------------------------|--------------|------------|
| Modulation    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |              |              | Modulation    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |              |            |
|               |                |                              | 20025/1717.5           | 20175/1732.5 | 20325/1747.5 |               |                |                              | 20050/1720             | 20175/1732.5 | 20300/1745 |
| QPSK          | 1/0            | 24.00                        | 23.69                  | 23.72        | 23.70        | QPSK          | 1/0            | 24.00                        | 23.82                  | 23.85        | 23.83      |
|               | 1/37           | 24.00                        | 23.56                  | 23.61        | 23.58        |               | 1/49           | 24.00                        | 23.69                  | 23.74        | 23.71      |
|               | 1/74           | 24.00                        | 23.49                  | 23.55        | 23.52        |               | 1/99           | 24.00                        | 23.62                  | 23.68        | 23.65      |
|               | 36/0           | 23.00                        | 22.78                  | 22.76        | 22.79        |               | 50/0           | 23.00                        | 22.91                  | 22.89        | 22.92      |
|               | 36/18          | 23.00                        | 22.61                  | 22.68        | 22.63        |               | 50/24          | 23.00                        | 22.74                  | 22.81        | 22.76      |
|               | 36/35          | 23.00                        | 22.56                  | 22.62        | 22.59        |               | 50/49          | 23.00                        | 22.69                  | 22.75        | 22.72      |
|               | 75/0           | 23.00                        | 22.73                  | 22.76        | 22.74        |               | 100/0          | 23.00                        | 22.86                  | 22.89        | 22.87      |
| 16QAM         | 1/0            | 23.00                        | 22.76                  | 22.79        | 22.77        | 16QAM         | 1/0            | 23.00                        | 22.89                  | 22.92        | 22.90      |
|               | 1/37           | 23.00                        | 22.64                  | 22.69        | 22.66        |               | 1/49           | 23.00                        | 22.77                  | 22.82        | 22.79      |
|               | 1/74           | 23.00                        | 22.59                  | 22.65        | 22.62        |               | 1/99           | 23.00                        | 22.72                  | 22.78        | 22.75      |
|               | 36/0           | 22.00                        | 21.66                  | 21.72        | 21.83        |               | 50/0           | 22.00                        | 21.79                  | 21.85        | 21.96      |
|               | 36/18          | 22.00                        | 21.50                  | 21.59        | 21.66        |               | 50/24          | 22.00                        | 21.63                  | 21.72        | 21.79      |
|               | 36/35          | 22.00                        | 21.41                  | 21.51        | 21.62        |               | 50/49          | 22.00                        | 21.54                  | 21.64        | 21.75      |
|               | 75/0           | 22.00                        | 21.59                  | 21.65        | 21.77        |               | 100/0          | 22.00                        | 21.72                  | 21.78        | 21.90      |

#### P-sensor on

| LTE B4/BW=1.4M |                | Average Conducted Power(dBm) |                        |              |              | LTE B4/BW=3M |                | Average Conducted Power(dBm) |                        |              |              |
|----------------|----------------|------------------------------|------------------------|--------------|--------------|--------------|----------------|------------------------------|------------------------|--------------|--------------|
| Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |              |              | Modulation   | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |              |              |
|                |                |                              | 19957/1710.7           | 20175/1732.5 | 20392/1754.2 |              |                |                              | 19965/1711.5           | 20175/1732.5 | 20384/1753.4 |
| QPSK           | 1/0            | 23.00                        | 22.48                  | 22.50        | 22.47        | QPSK         | 1/0            | 23.00                        | 22.56                  | 22.58        | 22.55        |
|                | 1/12           | 23.00                        | 22.37                  | 22.38        | 22.36        |              | 1/12           | 23.00                        | 22.45                  | 22.46        | 22.44        |
|                | 1/24           | 23.00                        | 22.23                  | 22.32        | 22.24        |              | 1/49           | 23.00                        | 22.31                  | 22.40        | 22.32        |
|                | 12/0           | 22.00                        | 21.57                  | 21.54        | 21.56        |              | 25/0           | 22.00                        | 21.65                  | 21.62        | 21.64        |
|                | 12/6           | 22.00                        | 21.42                  | 21.45        | 21.41        |              | 25/12          | 22.00                        | 21.50                  | 21.53        | 21.49        |
|                | 12/11          | 22.00                        | 21.30                  | 21.39        | 21.31        |              | 25/24          | 22.00                        | 21.38                  | 21.47        | 21.39        |
|                | 25/0           | 22.00                        | 21.52                  | 21.54        | 21.51        |              | 50/0           | 22.00                        | 21.60                  | 21.62        | 21.59        |
| 16QAM          | 1/0            | 22.00                        | 21.55                  | 21.57        | 21.54        | 16QAM        | 1/0            | 22.00                        | 21.63                  | 21.65        | 21.62        |
|                | 1/12           | 22.00                        | 21.45                  | 21.46        | 21.44        |              | 1/24           | 22.00                        | 21.53                  | 21.54        | 21.52        |
|                | 1/24           | 22.00                        | 21.33                  | 21.42        | 21.34        |              | 1/49           | 22.00                        | 21.41                  | 21.50        | 21.42        |
|                | 12/0           | 21.00                        | 20.45                  | 20.50        | 20.60        |              | 25/0           | 21.00                        | 20.53                  | 20.58        | 20.68        |
|                | 12/6           | 21.00                        | 20.31                  | 20.36        | 20.44        |              | 25/12          | 21.00                        | 20.39                  | 20.44        | 20.52        |
|                | 12/11          | 21.00                        | 20.15                  | 20.28        | 20.34        |              | 25/24          | 21.00                        | 20.23                  | 20.36        | 20.42        |
|                | 25/0           | 21.00                        | 20.38                  | 20.43        | 20.54        |              | 50/0           | 21.00                        | 20.46                  | 20.51        | 20.62        |

| LTE B4/BW=5M  |                | Average Conducted Power(dBm) |                        |              |              | LTE B4/BW=10M |                | Average Conducted Power(dBm) |                        |              |            |
|---------------|----------------|------------------------------|------------------------|--------------|--------------|---------------|----------------|------------------------------|------------------------|--------------|------------|
| Modulation    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |              |              | Modulation    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |              |            |
|               |                |                              | 19975/1712.5           | 20175/1732.5 | 20375/1752.5 |               |                |                              | 20000/1715             | 20175/1732.5 | 20350/1750 |
| QPSK          | 1/0            | 23.00                        | 22.61                  | 22.63        | 22.60        | QPSK          | 1/0            | 23.00                        | 22.65                  | 22.67        | 22.64      |
|               | 1/12           | 23.00                        | 22.50                  | 22.51        | 22.49        |               | 1/12           | 23.00                        | 22.54                  | 22.55        | 22.53      |
|               | 1/24           | 23.00                        | 22.36                  | 22.45        | 22.37        |               | 1/49           | 23.00                        | 22.40                  | 22.49        | 22.41      |
|               | 12/0           | 22.00                        | 21.70                  | 21.67        | 21.69        |               | 25/0           | 22.00                        | 21.74                  | 21.71        | 21.73      |
|               | 12/6           | 22.00                        | 21.55                  | 21.58        | 21.54        |               | 25/12          | 22.00                        | 21.59                  | 21.62        | 21.58      |
|               | 12/11          | 22.00                        | 21.43                  | 21.52        | 21.44        |               | 25/24          | 22.00                        | 21.47                  | 21.56        | 21.48      |
|               | 25/0           | 22.00                        | 21.65                  | 21.67        | 21.64        |               | 50/0           | 22.00                        | 21.69                  | 21.71        | 21.68      |
| 16QAM         | 1/0            | 22.00                        | 21.68                  | 21.70        | 21.67        | 16QAM         | 1/0            | 22.00                        | 21.72                  | 21.74        | 21.71      |
|               | 1/12           | 22.00                        | 21.58                  | 21.59        | 21.57        |               | 1/24           | 22.00                        | 21.62                  | 21.63        | 21.61      |
|               | 1/24           | 22.00                        | 21.46                  | 21.55        | 21.47        |               | 1/49           | 22.00                        | 21.50                  | 21.59        | 21.51      |
|               | 12/0           | 21.00                        | 20.58                  | 20.63        | 20.73        |               | 25/0           | 21.00                        | 20.62                  | 20.67        | 20.77      |
|               | 12/6           | 21.00                        | 20.44                  | 20.49        | 20.57        |               | 25/12          | 21.00                        | 20.48                  | 20.53        | 20.61      |
|               | 12/11          | 21.00                        | 20.28                  | 20.41        | 20.47        |               | 25/24          | 21.00                        | 20.32                  | 20.45        | 20.51      |
|               | 25/0           | 21.00                        | 20.51                  | 20.56        | 20.67        |               | 50/0           | 21.00                        | 20.55                  | 20.60        | 20.71      |
| LTE B4/BW=15M |                | Average Conducted Power(dBm) |                        |              |              | LTE B4/BW=20M |                | Average Conducted Power(dBm) |                        |              |            |
| Modulation    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |              |              | Modulation    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |              |            |
|               |                |                              | 20025/1717.5           | 20175/1732.5 | 20325/1747.5 |               |                |                              | 20050/1720             | 20175/1732.5 | 20300/1745 |
| QPSK          | 1/0            | 23.00                        | 22.74                  | 22.76        | 22.73        | QPSK          | 1/0            | 23.00                        | 22.87                  | 22.89        | 22.86      |
|               | 1/37           | 23.00                        | 22.63                  | 22.64        | 22.62        |               | 1/49           | 23.00                        | 22.76                  | 22.77        | 22.75      |
|               | 1/74           | 23.00                        | 22.49                  | 22.58        | 22.50        |               | 1/99           | 23.00                        | 22.62                  | 22.71        | 22.63      |
|               | 36/0           | 22.00                        | 21.83                  | 21.80        | 21.82        |               | 50/0           | 22.00                        | 21.96                  | 21.93        | 21.95      |
|               | 36/18          | 22.00                        | 21.68                  | 21.71        | 21.67        |               | 50/24          | 22.00                        | 21.81                  | 21.84        | 21.80      |
|               | 36/35          | 22.00                        | 21.56                  | 21.65        | 21.57        |               | 50/49          | 22.00                        | 21.69                  | 21.78        | 21.70      |
|               | 75/0           | 22.00                        | 21.78                  | 21.80        | 21.77        |               | 100/0          | 22.00                        | 21.91                  | 21.93        | 21.90      |
| 16QAM         | 1/0            | 22.00                        | 21.81                  | 21.83        | 21.80        | 16QAM         | 1/0            | 22.00                        | 21.94                  | 21.96        | 21.93      |
|               | 1/37           | 22.00                        | 21.71                  | 21.72        | 21.70        |               | 1/49           | 22.00                        | 21.84                  | 21.85        | 21.83      |
|               | 1/74           | 22.00                        | 21.59                  | 21.68        | 21.60        |               | 1/99           | 22.00                        | 21.72                  | 21.81        | 21.73      |
|               | 36/0           | 21.00                        | 20.71                  | 20.76        | 20.86        |               | 50/0           | 21.00                        | 20.84                  | 20.89        | 20.99      |
|               | 36/18          | 21.00                        | 20.57                  | 20.62        | 20.70        |               | 50/24          | 21.00                        | 20.70                  | 20.75        | 20.83      |
|               | 36/35          | 21.00                        | 20.41                  | 20.54        | 20.60        |               | 50/49          | 21.00                        | 20.54                  | 20.67        | 20.73      |
|               | 75/0           | 21.00                        | 20.64                  | 20.69        | 20.80        |               | 100/0          | 21.00                        | 20.77                  | 20.82        | 20.93      |

# LTE Band 5

## P-sensor off

| LTE B5/BW=1.4M |                | Average Conducted Power(dBm) |                        |             |             | LTE B5/BW=3M  |                | Average Conducted Power(dBm) |                        |             |             |
|----------------|----------------|------------------------------|------------------------|-------------|-------------|---------------|----------------|------------------------------|------------------------|-------------|-------------|
| Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |             |             | Modulation    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |             |             |
|                |                |                              | 20407/824.             | 20525/836.5 | 20642/848.2 |               |                |                              | 20415/825.5            | 20525/836.5 | 20634/847.4 |
| QPSK           | 1/0            | 25.00                        | 24.62                  | 24.65       | 24.62       | QPSK          | 1/0            | 25.00                        | 24.69                  | 24.72       | 24.69       |
|                | 1/12           | 25.00                        | 24.52                  | 24.56       | 24.51       |               | 1/24           | 25.00                        | 24.59                  | 24.63       | 24.58       |
|                | 1/24           | 25.00                        | 24.43                  | 24.47       | 24.44       |               | 1/49           | 25.00                        | 24.50                  | 24.54       | 24.51       |
|                | 12/0           | 24.00                        | 23.71                  | 23.74       | 23.71       |               | 25/0           | 24.00                        | 23.78                  | 23.81       | 23.78       |
|                | 12/6           | 24.00                        | 23.57                  | 23.61       | 23.56       |               | 25/12          | 24.00                        | 23.64                  | 23.68       | 23.63       |
|                | 12/11          | 24.00                        | 23.50                  | 23.54       | 23.51       |               | 25/24          | 24.00                        | 23.57                  | 23.61       | 23.58       |
|                | 25/0           | 24.00                        | 23.66                  | 23.69       | 23.66       |               | 50/0           | 24.00                        | 23.73                  | 23.76       | 23.73       |
| 16QAM          | 1/0            | 24.00                        | 23.69                  | 23.72       | 23.69       | 16QAM         | 1/0            | 24.00                        | 23.76                  | 23.79       | 23.76       |
|                | 1/12           | 24.00                        | 23.60                  | 23.64       | 23.59       |               | 1/24           | 24.00                        | 23.67                  | 23.71       | 23.66       |
|                | 1/24           | 24.00                        | 23.53                  | 23.57       | 23.54       |               | 1/49           | 24.00                        | 23.60                  | 23.64       | 23.61       |
|                | 12/0           | 23.00                        | 22.61                  | 22.61       | 22.55       |               | 25/0           | 23.00                        | 22.68                  | 22.68       | 22.62       |
|                | 12/6           | 23.00                        | 22.49                  | 22.48       | 22.41       |               | 25/12          | 23.00                        | 22.56                  | 22.55       | 22.48       |
|                | 12/11          | 23.00                        | 22.38                  | 22.37       | 22.54       |               | 25/24          | 23.00                        | 22.45                  | 22.44       | 22.61       |
|                | 25/0           | 23.00                        | 22.58                  | 22.51       | 22.50       |               | 50/0           | 23.00                        | 22.65                  | 22.58       | 22.57       |
| LTE B5/BW=5M   |                | Average Conducted Power(dBm) |                        |             |             | LTE B5/BW=10M |                | Average Conducted Power(dBm) |                        |             |             |
| Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |             |             | Modulation    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |             |             |
|                |                |                              | 20415/825.5            | 20525/836.5 | 20634/847.4 |               |                |                              | 20450/829              | 20525/836.5 | 20600/844   |
| QPSK           | 1/0            | 25.00                        | 24.74                  | 24.77       | 24.74       | QPSK          | 1/0            | 25.00                        | 24.87                  | 24.90       | 24.87       |
|                | 1/12           | 25.00                        | 24.64                  | 24.68       | 24.63       |               | 1/24           | 25.00                        | 24.77                  | 24.81       | 24.76       |
|                | 1/24           | 25.00                        | 24.55                  | 24.59       | 24.56       |               | 1/49           | 25.00                        | 24.68                  | 24.72       | 24.69       |
|                | 12/0           | 24.00                        | 23.83                  | 23.86       | 23.83       |               | 25/0           | 24.00                        | 23.96                  | 23.99       | 23.96       |
|                | 12/6           | 24.00                        | 23.69                  | 23.73       | 23.68       |               | 25/12          | 24.00                        | 23.82                  | 23.86       | 23.81       |
|                | 12/11          | 24.00                        | 23.62                  | 23.66       | 23.63       |               | 25/24          | 24.00                        | 23.75                  | 23.79       | 23.76       |
|                | 25/0           | 24.00                        | 23.78                  | 23.81       | 23.78       |               | 50/0           | 24.00                        | 23.91                  | 23.94       | 23.91       |
| 16QAM          | 1/0            | 24.00                        | 23.81                  | 23.84       | 23.81       | 16QAM         | 1/0            | 24.00                        | 23.94                  | 23.97       | 23.94       |
|                | 1/12           | 24.00                        | 23.72                  | 23.76       | 23.71       |               | 1/24           | 24.00                        | 23.85                  | 23.89       | 23.84       |
|                | 1/24           | 24.00                        | 23.65                  | 23.69       | 23.66       |               | 1/49           | 24.00                        | 23.78                  | 23.82       | 23.79       |
|                | 12/0           | 23.00                        | 22.73                  | 22.73       | 22.67       |               | 25/0           | 23.00                        | 22.86                  | 22.86       | 22.80       |
|                | 12/6           | 23.00                        | 22.61                  | 22.60       | 22.53       |               | 25/12          | 23.00                        | 22.74                  | 22.73       | 22.66       |
|                | 12/11          | 23.00                        | 22.50                  | 22.49       | 22.66       |               | 25/24          | 23.00                        | 22.63                  | 22.62       | 22.79       |
|                | 25/0           | 23.00                        | 22.70                  | 22.63       | 22.62       |               | 50/0           | 23.00                        | 22.83                  | 22.76       | 22.75       |

**P-sensor on**

| LTE B5/BW=1.4M |                | Average Conducted Power(dBm) |                        |             |             | LTE B5/BW=3M  |                | Average Conducted Power(dBm) |                        |             |             |
|----------------|----------------|------------------------------|------------------------|-------------|-------------|---------------|----------------|------------------------------|------------------------|-------------|-------------|
| Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |             |             | Modulation    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |             |             |
|                |                |                              | 20407/824.             | 20525/836.5 | 20642/848.2 |               |                |                              | 20415/825.5            | 20525/836.5 | 20634/847.4 |
| QPSK           | 1/0            | 23.00                        | 22.56                  | 22.61       | 22.60       | QPSK          | 1/0            | 23.00                        | 22.63                  | 22.68       | 22.67       |
|                | 1/12           | 23.00                        | 22.43                  | 22.48       | 22.42       |               | 1/24           | 23.00                        | 22.50                  | 22.55       | 22.49       |
|                | 1/24           | 23.00                        | 22.34                  | 22.38       | 22.36       |               | 1/49           | 23.00                        | 22.41                  | 22.45       | 22.43       |
|                | 12/0           | 22.00                        | 21.65                  | 21.70       | 21.69       |               | 25/0           | 22.00                        | 21.72                  | 21.77       | 21.76       |
|                | 12/6           | 22.00                        | 21.48                  | 21.53       | 21.47       |               | 25/12          | 22.00                        | 21.55                  | 21.60       | 21.54       |
|                | 12/11          | 22.00                        | 21.41                  | 21.45       | 21.43       |               | 25/24          | 22.00                        | 21.48                  | 21.52       | 21.50       |
|                | 25/0           | 22.00                        | 21.60                  | 21.65       | 21.64       |               | 50/0           | 22.00                        | 21.67                  | 21.72       | 21.71       |
| 16QAM          | 1/0            | 22.00                        | 21.63                  | 21.68       | 21.67       | 16QAM         | 1/0            | 22.00                        | 21.70                  | 21.75       | 21.74       |
|                | 1/12           | 22.00                        | 21.51                  | 21.56       | 21.50       |               | 1/24           | 22.00                        | 21.58                  | 21.63       | 21.57       |
|                | 1/24           | 22.00                        | 21.44                  | 21.48       | 21.46       |               | 1/49           | 22.00                        | 21.51                  | 21.55       | 21.53       |
|                | 12/0           | 21.00                        | 20.55                  | 20.57       | 20.53       |               | 25/0           | 21.00                        | 20.62                  | 20.64       | 20.60       |
|                | 12/6           | 21.00                        | 20.40                  | 20.40       | 20.32       |               | 25/12          | 21.00                        | 20.47                  | 20.47       | 20.39       |
|                | 12/11          | 21.00                        | 20.29                  | 20.28       | 20.46       |               | 25/24          | 21.00                        | 20.36                  | 20.35       | 20.53       |
|                | 25/0           | 21.00                        | 20.52                  | 20.47       | 20.48       |               | 50/0           | 21.00                        | 20.59                  | 20.54       | 20.55       |
| LTE B5/BW=5M   |                | Average Conducted Power(dBm) |                        |             |             | LTE B5/BW=10M |                | Average Conducted Power(dBm) |                        |             |             |
| Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |             |             | Modulation    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |             |             |
|                |                |                              | 20415/825.5            | 20525/836.5 | 20634/847.4 |               |                |                              | 20450/829              | 20525/836.5 | 20600/844   |
| QPSK           | 1/0            | 23.00                        | 22.68                  | 22.73       | 22.72       | QPSK          | 1/0            | 23.00                        | 22.81                  | 22.86       | 22.85       |
|                | 1/12           | 23.00                        | 22.55                  | 22.60       | 22.54       |               | 1/24           | 23.00                        | 22.68                  | 22.73       | 22.67       |
|                | 1/24           | 23.00                        | 22.46                  | 22.50       | 22.48       |               | 1/49           | 23.00                        | 22.59                  | 22.63       | 22.61       |
|                | 12/0           | 22.00                        | 21.77                  | 21.82       | 21.81       |               | 25/0           | 22.00                        | 21.90                  | 21.95       | 21.94       |
|                | 12/6           | 22.00                        | 21.60                  | 21.65       | 21.59       |               | 25/12          | 22.00                        | 21.73                  | 21.78       | 21.72       |
|                | 12/11          | 22.00                        | 21.53                  | 21.57       | 21.55       |               | 25/24          | 22.00                        | 21.66                  | 21.70       | 21.68       |
|                | 25/0           | 22.00                        | 21.72                  | 21.77       | 21.76       |               | 50/0           | 22.00                        | 21.85                  | 21.90       | 21.89       |
| 16QAM          | 1/0            | 22.00                        | 21.75                  | 21.80       | 21.79       | 16QAM         | 1/0            | 22.00                        | 21.88                  | 21.93       | 21.92       |
|                | 1/12           | 22.00                        | 21.63                  | 21.68       | 21.62       |               | 1/24           | 22.00                        | 21.76                  | 21.81       | 21.75       |
|                | 1/24           | 22.00                        | 21.56                  | 21.60       | 21.58       |               | 1/49           | 22.00                        | 21.69                  | 21.73       | 21.71       |
|                | 12/0           | 21.00                        | 20.67                  | 20.69       | 20.65       |               | 25/0           | 21.00                        | 20.80                  | 20.82       | 20.78       |
|                | 12/6           | 21.00                        | 20.52                  | 20.52       | 20.44       |               | 25/12          | 21.00                        | 20.65                  | 20.65       | 20.57       |
|                | 12/11          | 21.00                        | 20.41                  | 20.40       | 20.58       |               | 25/24          | 21.00                        | 20.54                  | 20.53       | 20.71       |
|                | 25/0           | 21.00                        | 20.64                  | 20.59       | 20.60       |               | 50/0           | 21.00                        | 20.77                  | 20.72       | 20.73       |

# LTE Band 7

## P-sensor off

| LTE B7/BW=5M  |                | Average Conducted Power(dBm) |                        |            |              | LTE B7/BW=10M |                | Average Conducted Power(dBm) |                        |            |            |
|---------------|----------------|------------------------------|------------------------|------------|--------------|---------------|----------------|------------------------------|------------------------|------------|------------|
| Modulation    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |            |              | Modulation    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |            |            |
|               |                |                              | 20775/2502.5           | 21100/2535 | 21425/2567.5 |               |                |                              | 20800/2505             | 21100/2535 | 21400/2565 |
| QPSK          | 1/0            | 24.00                        | 23.62                  | 23.66      | 23.63        | QPSK          | 1/0            | 24.00                        | 23.69                  | 23.73      | 23.70      |
|               | 1/12           | 24.00                        | 23.51                  | 23.57      | 23.50        |               | 1/24           | 24.00                        | 23.58                  | 23.64      | 23.57      |
|               | 1/24           | 24.00                        | 23.46                  | 23.47      | 23.44        |               | 1/49           | 24.00                        | 23.53                  | 23.54      | 23.51      |
|               | 12/0           | 23.00                        | 22.71                  | 22.75      | 22.72        |               | 25/0           | 23.00                        | 22.78                  | 22.82      | 22.79      |
|               | 12/6           | 23.00                        | 22.56                  | 22.62      | 22.55        |               | 25/12          | 23.00                        | 22.63                  | 22.69      | 22.62      |
|               | 12/11          | 23.00                        | 22.53                  | 22.54      | 22.51        |               | 25/24          | 23.00                        | 22.60                  | 22.61      | 22.58      |
|               | 25/0           | 23.00                        | 22.66                  | 22.70      | 22.67        |               | 50/0           | 23.00                        | 22.73                  | 22.77      | 22.74      |
| 16QAM         | 1/0            | 23.00                        | 22.69                  | 22.73      | 22.70        | 16QAM         | 1/0            | 23.00                        | 22.76                  | 22.80      | 22.77      |
|               | 1/12           | 23.00                        | 22.59                  | 22.65      | 22.58        |               | 1/24           | 23.00                        | 22.66                  | 22.72      | 22.65      |
|               | 1/24           | 23.00                        | 22.56                  | 22.57      | 22.54        |               | 1/49           | 23.00                        | 22.63                  | 22.64      | 22.61      |
|               | 12/0           | 22.00                        | 21.61                  | 21.62      | 21.56        |               | 25/0           | 22.00                        | 21.68                  | 21.69      | 21.63      |
|               | 12/6           | 22.00                        | 21.48                  | 21.49      | 21.40        |               | 25/12          | 22.00                        | 21.55                  | 21.56      | 21.47      |
|               | 12/11          | 22.00                        | 21.41                  | 21.37      | 21.54        |               | 25/24          | 22.00                        | 21.48                  | 21.44      | 21.61      |
|               | 25/0           | 22.00                        | 21.58                  | 21.52      | 21.51        |               | 50/0           | 22.00                        | 21.65                  | 21.59      | 21.58      |
| LTE B7/BW=15M |                | Average Conducted Power(dBm) |                        |            |              | LTE B7/BW=20M |                | Average Conducted Power(dBm) |                        |            |            |
| Modulation    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |            |              | Modulation    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |            |            |
|               |                |                              | 20825/2507.5           | 21100/2535 | 21375/2562.5 |               |                |                              | 20850/2510             | 21100/2535 | 21350/2560 |
| QPSK          | 1/0            | 24.00                        | 23.74                  | 23.78      | 23.75        | QPSK          | 1/0            | 24.00                        | 23.87                  | 23.91      | 23.88      |
|               | 1/37           | 24.00                        | 23.63                  | 23.69      | 23.62        |               | 1/49           | 24.00                        | 23.76                  | 23.82      | 23.75      |
|               | 1/74           | 24.00                        | 23.58                  | 23.59      | 23.56        |               | 1/99           | 24.00                        | 23.71                  | 23.72      | 23.69      |
|               | 36/0           | 23.00                        | 22.83                  | 22.87      | 22.84        |               | 50/0           | 23.00                        | 22.96                  | 22.94      | 22.97      |
|               | 36/18          | 23.00                        | 22.68                  | 22.74      | 22.67        |               | 50/24          | 23.00                        | 22.81                  | 22.87      | 22.80      |
|               | 36/35          | 23.00                        | 22.65                  | 22.66      | 22.63        |               | 50/49          | 23.00                        | 22.78                  | 22.79      | 22.76      |
|               | 75/0           | 23.00                        | 22.78                  | 22.82      | 22.79        |               | 100/0          | 23.00                        | 22.91                  | 22.95      | 22.92      |
| 16QAM         | 1/0            | 23.00                        | 22.81                  | 22.85      | 22.82        | 16QAM         | 1/0            | 23.00                        | 22.94                  | 22.98      | 22.95      |
|               | 1/37           | 23.00                        | 22.71                  | 22.77      | 22.70        |               | 1/49           | 23.00                        | 22.84                  | 22.90      | 22.83      |
|               | 1/74           | 23.00                        | 22.68                  | 22.69      | 22.66        |               | 1/99           | 23.00                        | 22.81                  | 22.82      | 22.79      |
|               | 36/0           | 22.00                        | 21.73                  | 21.74      | 21.68        |               | 50/0           | 22.00                        | 21.86                  | 21.87      | 21.81      |
|               | 36/18          | 22.00                        | 21.60                  | 21.61      | 21.52        |               | 50/24          | 22.00                        | 21.73                  | 21.74      | 21.65      |
|               | 36/35          | 22.00                        | 21.53                  | 21.49      | 21.66        |               | 50/49          | 22.00                        | 21.66                  | 21.62      | 21.79      |
|               | 75/0           | 22.00                        | 21.70                  | 21.64      | 21.63        |               | 100/0          | 22.00                        | 21.83                  | 21.77      | 21.76      |

## P-sensor on

| LTE B7/BW=5M  |                | Average Conducted Power(dBm) |                        |            |              | LTE B7/BW=10M |                | Average Conducted Power(dBm) |                        |            |            |
|---------------|----------------|------------------------------|------------------------|------------|--------------|---------------|----------------|------------------------------|------------------------|------------|------------|
| Modulation    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |            |              | Modulation    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |            |            |
|               |                |                              | 20775/2502.5           | 21100/2535 | 21425/2567.5 |               |                |                              | 20800/2505             | 21100/2535 | 21400/2565 |
| QPSK          | 1/0            | 23.00                        | 22.57                  | 22.62      | 22.60        | QPSK          | 1/0            | 23.00                        | 22.64                  | 22.69      | 22.67      |
|               | 1/12           | 23.00                        | 22.48                  | 22.50      | 22.51        |               | 1/24           | 23.00                        | 22.55                  | 22.57      | 22.58      |
|               | 1/24           | 23.00                        | 22.40                  | 22.44      | 22.46        |               | 1/49           | 23.00                        | 22.47                  | 22.51      | 22.53      |
|               | 12/0           | 22.00                        | 21.66                  | 21.71      | 21.69        |               | 25/0           | 22.00                        | 21.73                  | 21.78      | 21.76      |
|               | 12/6           | 22.00                        | 21.53                  | 21.55      | 21.56        |               | 25/12          | 22.00                        | 21.60                  | 21.62      | 21.63      |
|               | 12/11          | 22.00                        | 21.47                  | 21.51      | 21.53        |               | 25/24          | 22.00                        | 21.54                  | 21.58      | 21.60      |
|               | 25/0           | 22.00                        | 21.61                  | 21.66      | 21.64        |               | 50/0           | 22.00                        | 21.68                  | 21.73      | 21.71      |
| 16QAM         | 1/0            | 22.00                        | 21.64                  | 21.69      | 21.67        | 16QAM         | 1/0            | 22.00                        | 21.71                  | 21.76      | 21.74      |
|               | 1/12           | 22.00                        | 21.56                  | 21.58      | 21.59        |               | 1/24           | 22.00                        | 21.63                  | 21.65      | 21.66      |
|               | 1/24           | 22.00                        | 21.50                  | 21.54      | 21.56        |               | 1/49           | 22.00                        | 21.57                  | 21.61      | 21.63      |
|               | 12/0           | 21.00                        | 20.56                  | 20.58      | 20.53        |               | 25/0           | 21.00                        | 20.63                  | 20.65      | 20.60      |
|               | 12/6           | 21.00                        | 20.45                  | 20.42      | 20.41        |               | 25/12          | 21.00                        | 20.52                  | 20.49      | 20.48      |
|               | 12/11          | 21.00                        | 20.35                  | 20.34      | 20.56        |               | 25/24          | 21.00                        | 20.42                  | 20.41      | 20.63      |
|               | 25/0           | 21.00                        | 20.53                  | 20.48      | 20.48        |               | 50/0           | 21.00                        | 20.60                  | 20.55      | 20.55      |
| LTE B7/BW=15M |                | Average Conducted Power(dBm) |                        |            |              | LTE B7/BW=20M |                | Average Conducted Power(dBm) |                        |            |            |
| Modulation    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |            |              | Modulation    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |            |            |
|               |                |                              | 20825/2507.5           | 21100/2535 | 21375/2562.5 |               |                |                              | 20850/2510             | 21100/2535 | 21350/2560 |
| QPSK          | 1/0            | 23.00                        | 22.69                  | 22.74      | 22.72        | QPSK          | 1/0            | 23.00                        | 22.82                  | 22.87      | 22.85      |
|               | 1/37           | 23.00                        | 22.60                  | 22.62      | 22.63        |               | 1/49           | 23.00                        | 22.73                  | 22.75      | 22.76      |
|               | 1/74           | 23.00                        | 22.52                  | 22.56      | 22.58        |               | 1/99           | 23.00                        | 22.65                  | 22.69      | 22.71      |
|               | 36/0           | 22.00                        | 21.78                  | 21.83      | 21.81        |               | 50/0           | 22.00                        | 21.91                  | 21.96      | 21.94      |
|               | 36/18          | 22.00                        | 21.65                  | 21.67      | 21.68        |               | 50/24          | 22.00                        | 21.78                  | 21.80      | 21.81      |
|               | 36/35          | 22.00                        | 21.59                  | 21.63      | 21.65        |               | 50/49          | 22.00                        | 21.72                  | 21.76      | 21.78      |
|               | 75/0           | 22.00                        | 21.73                  | 21.78      | 21.76        |               | 100/0          | 22.00                        | 21.86                  | 21.91      | 21.89      |
| 16QAM         | 1/0            | 22.00                        | 21.76                  | 21.81      | 21.79        | 16QAM         | 1/0            | 22.00                        | 21.89                  | 21.94      | 21.92      |
|               | 1/37           | 22.00                        | 21.68                  | 21.70      | 21.71        |               | 1/49           | 22.00                        | 21.81                  | 21.83      | 21.84      |
|               | 1/74           | 22.00                        | 21.62                  | 21.66      | 21.68        |               | 1/99           | 22.00                        | 21.75                  | 21.79      | 21.81      |
|               | 36/0           | 21.00                        | 20.68                  | 20.70      | 20.65        |               | 50/0           | 21.00                        | 20.81                  | 20.83      | 20.78      |
|               | 36/18          | 21.00                        | 20.57                  | 20.54      | 20.53        |               | 50/24          | 21.00                        | 20.70                  | 20.67      | 20.66      |
|               | 36/35          | 21.00                        | 20.47                  | 20.46      | 20.68        |               | 50/49          | 21.00                        | 20.60                  | 20.59      | 20.81      |
|               | 75/0           | 21.00                        | 20.65                  | 20.60      | 20.60        |               | 100/0          | 21.00                        | 20.78                  | 20.73      | 20.73      |

# LTE Band 12

## P-sensor off

| LTE B12/BW=1.4M |                | Average Conducted Power(dBm) |                        |             |             | LTE B12/BW=3M  |                | Average Conducted Power(dBm) |                        |             |             |
|-----------------|----------------|------------------------------|------------------------|-------------|-------------|----------------|----------------|------------------------------|------------------------|-------------|-------------|
| Modulation      | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |             |             | Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |             |             |
|                 |                |                              | 23017/699.7            | 23095/707.5 | 23173/715.3 |                |                |                              | 23025/700.5            | 23095/707.5 | 23165/714.5 |
| QPSK            | 1/0            | 25.00                        | 24.56                  | 24.60       | 24.57       | QPSK           | 1/0            | 25.00                        | 24.67                  | 24.71       | 24.68       |
|                 | 1/12           | 25.00                        | 24.46                  | 24.49       | 24.42       |                | 1/12           | 25.00                        | 24.57                  | 24.60       | 24.53       |
|                 | 1/24           | 25.00                        | 24.37                  | 24.41       | 24.36       |                | 1/49           | 25.00                        | 24.48                  | 24.52       | 24.47       |
|                 | 12/0           | 24.00                        | 23.65                  | 23.69       | 23.66       |                | 25/0           | 24.00                        | 23.76                  | 23.80       | 23.77       |
|                 | 12/6           | 24.00                        | 23.51                  | 23.54       | 23.47       |                | 25/12          | 24.00                        | 23.62                  | 23.65       | 23.58       |
|                 | 12/11          | 24.00                        | 23.44                  | 23.48       | 23.43       |                | 25/24          | 24.00                        | 23.55                  | 23.59       | 23.54       |
|                 | 25/0           | 24.00                        | 23.60                  | 23.64       | 23.61       |                | 50/0           | 24.00                        | 23.71                  | 23.75       | 23.72       |
| 16QAM           | 1/0            | 24.00                        | 23.63                  | 23.67       | 23.64       | 16QAM          | 1/0            | 24.00                        | 23.74                  | 23.78       | 23.75       |
|                 | 1/12           | 24.00                        | 23.54                  | 23.57       | 23.50       |                | 1/24           | 24.00                        | 23.65                  | 23.68       | 23.61       |
|                 | 1/24           | 24.00                        | 23.47                  | 23.51       | 23.46       |                | 1/49           | 24.00                        | 23.58                  | 23.62       | 23.57       |
|                 | 12/0           | 23.00                        | 22.71                  | 22.75       | 22.72       |                | 25/0           | 23.00                        | 22.82                  | 22.86       | 22.83       |
|                 | 12/6           | 23.00                        | 22.54                  | 22.57       | 22.50       |                | 25/12          | 23.00                        | 22.65                  | 22.68       | 22.61       |
|                 | 12/11          | 23.00                        | 22.47                  | 22.51       | 22.46       |                | 25/24          | 23.00                        | 22.58                  | 22.62       | 22.57       |
|                 | 25/0           | 23.00                        | 22.63                  | 22.67       | 22.64       |                | 50/0           | 23.00                        | 22.74                  | 22.78       | 22.75       |
| LTE B12/BW=5M   |                | Average Conducted Power(dBm) |                        |             |             | LTE B12/BW=10M |                | Average Conducted Power(dBm) |                        |             |             |
| Modulation      | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |             |             | Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |             |             |
|                 |                |                              | 23035/701.5            | 23095/707.5 | 23155/713.5 |                |                |                              | 23060/704              | 23095/707.5 | 23130/711   |
| QPSK            | 1/0            | 25.00                        | 24.74                  | 24.78       | 24.75       | QPSK           | 1/0            | 25.00                        | 24.82                  | 24.86       | 24.83       |
|                 | 1/37           | 25.00                        | 24.64                  | 24.67       | 24.60       |                | 1/49           | 25.00                        | 24.72                  | 24.75       | 24.68       |
|                 | 1/74           | 25.00                        | 24.55                  | 24.59       | 24.54       |                | 1/99           | 25.00                        | 24.63                  | 24.67       | 24.62       |
|                 | 36/0           | 24.00                        | 23.83                  | 23.87       | 23.84       |                | 50/0           | 24.00                        | 23.91                  | 23.95       | 23.92       |
|                 | 36/18          | 24.00                        | 23.69                  | 23.72       | 23.65       |                | 50/24          | 24.00                        | 23.77                  | 23.80       | 23.73       |
|                 | 36/35          | 24.00                        | 23.62                  | 23.66       | 23.61       |                | 50/49          | 24.00                        | 23.70                  | 23.74       | 23.69       |
|                 | 75/0           | 24.00                        | 23.78                  | 23.82       | 23.79       |                | 100/0          | 24.00                        | 23.86                  | 23.90       | 23.87       |
| 16QAM           | 1/0            | 24.00                        | 23.81                  | 23.85       | 23.82       | 16QAM          | 1/0            | 24.00                        | 23.89                  | 23.93       | 23.90       |
|                 | 1/37           | 24.00                        | 23.72                  | 23.75       | 23.68       |                | 1/49           | 24.00                        | 23.80                  | 23.83       | 23.76       |
|                 | 1/74           | 24.00                        | 23.65                  | 23.69       | 23.64       |                | 1/99           | 24.00                        | 23.73                  | 23.77       | 23.72       |
|                 | 36/0           | 23.00                        | 22.89                  | 22.93       | 22.90       |                | 50/0           | 23.00                        | 22.97                  | 23.01       | 22.98       |
|                 | 36/18          | 23.00                        | 22.72                  | 22.75       | 22.68       |                | 50/24          | 23.00                        | 22.80                  | 22.83       | 22.76       |
|                 | 36/35          | 23.00                        | 22.65                  | 22.69       | 22.64       |                | 50/49          | 23.00                        | 22.73                  | 22.77       | 22.72       |
|                 | 75/0           | 23.00                        | 22.81                  | 22.85       | 22.82       |                | 100/0          | 23.00                        | 22.89                  | 22.93       | 22.90       |

**P-sensor on**

| LTE B12/BW=1.4M |                | Average Conducted Power(dBm) |                        |             |             | LTE B12/BW=3M  |                | Average Conducted Power(dBm) |                        |             |             |
|-----------------|----------------|------------------------------|------------------------|-------------|-------------|----------------|----------------|------------------------------|------------------------|-------------|-------------|
| Modulation      | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |             |             | Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |             |             |
|                 |                |                              | 23017/699.7            | 23095/707.5 | 23173/715.3 |                |                |                              | 23025/700.5            | 23095/707.5 | 23165/714.5 |
| QPSK            | 1/0            | 23.00                        | 22.59                  | 22.63       | 22.61       | QPSK           | 1/0            | 23.00                        | 22.70                  | 22.74       | 22.72       |
|                 | 1/12           | 23.00                        | 22.44                  | 22.51       | 22.54       |                | 1/24           | 23.00                        | 22.55                  | 22.62       | 22.65       |
|                 | 1/24           | 23.00                        | 22.36                  | 22.47       | 22.45       |                | 1/49           | 23.00                        | 22.47                  | 22.58       | 22.56       |
|                 | 12/0           | 22.00                        | 21.68                  | 21.72       | 21.70       |                | 25/0           | 22.00                        | 21.79                  | 21.83       | 21.81       |
|                 | 12/6           | 22.00                        | 21.49                  | 21.56       | 21.59       |                | 25/12          | 22.00                        | 21.60                  | 21.67       | 21.70       |
|                 | 12/11          | 22.00                        | 21.43                  | 21.54       | 21.52       |                | 25/24          | 22.00                        | 21.54                  | 21.65       | 21.63       |
|                 | 25/0           | 22.00                        | 21.63                  | 21.67       | 21.65       |                | 50/0           | 22.00                        | 21.74                  | 21.78       | 21.76       |
| 16QAM           | 1/0            | 22.00                        | 21.66                  | 21.70       | 21.68       | 16QAM          | 1/0            | 22.00                        | 21.77                  | 21.81       | 21.79       |
|                 | 1/12           | 22.00                        | 21.52                  | 21.59       | 21.62       |                | 1/24           | 22.00                        | 21.63                  | 21.70       | 21.73       |
|                 | 1/24           | 22.00                        | 21.46                  | 21.57       | 21.55       |                | 1/49           | 22.00                        | 21.57                  | 21.68       | 21.66       |
|                 | 12/0           | 21.00                        | 20.74                  | 20.78       | 20.76       |                | 25/0           | 21.00                        | 20.85                  | 20.89       | 20.87       |
|                 | 12/6           | 21.00                        | 20.52                  | 20.59       | 20.62       |                | 25/12          | 21.00                        | 20.63                  | 20.70       | 20.73       |
|                 | 12/11          | 21.00                        | 20.46                  | 20.57       | 20.55       |                | 25/24          | 21.00                        | 20.57                  | 20.68       | 20.66       |
|                 | 25/0           | 21.00                        | 20.66                  | 20.70       | 20.68       |                | 50/0           | 21.00                        | 20.77                  | 20.81       | 20.79       |
| LTE B12/BW=5M   |                | Average Conducted Power(dBm) |                        |             |             | LTE B12/BW=10M |                | Average Conducted Power(dBm) |                        |             |             |
| Modulation      | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |             |             | Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |             |             |
|                 |                |                              | 23035/701.5            | 23095/707.5 | 23155/713.5 |                |                |                              | 23060/704              | 23095/707.5 | 23130/711   |
| QPSK            | 1/0            | 23.00                        | 22.77                  | 22.81       | 22.79       | QPSK           | 1/0            | 23.00                        | 22.85                  | 22.89       | 22.87       |
|                 | 1/37           | 23.00                        | 22.62                  | 22.69       | 22.72       |                | 1/49           | 23.00                        | 22.70                  | 22.77       | 22.80       |
|                 | 1/74           | 23.00                        | 22.54                  | 22.65       | 22.63       |                | 1/99           | 23.00                        | 22.62                  | 22.73       | 22.71       |
|                 | 36/0           | 22.00                        | 21.86                  | 21.90       | 21.88       |                | 50/0           | 22.00                        | 21.94                  | 21.98       | 21.96       |
|                 | 36/18          | 22.00                        | 21.67                  | 21.74       | 21.77       |                | 50/24          | 22.00                        | 21.75                  | 21.82       | 21.85       |
|                 | 36/35          | 22.00                        | 21.61                  | 21.72       | 21.70       |                | 50/49          | 22.00                        | 21.69                  | 21.80       | 21.78       |
|                 | 75/0           | 22.00                        | 21.81                  | 21.85       | 21.83       |                | 100/0          | 22.00                        | 21.89                  | 21.93       | 21.91       |
| 16QAM           | 1/0            | 22.00                        | 21.84                  | 21.88       | 21.86       | 16QAM          | 1/0            | 22.00                        | 21.92                  | 21.96       | 21.94       |
|                 | 1/37           | 22.00                        | 21.70                  | 21.77       | 21.80       |                | 1/49           | 22.00                        | 21.78                  | 21.85       | 21.88       |
|                 | 1/74           | 22.00                        | 21.64                  | 21.75       | 21.73       |                | 1/99           | 22.00                        | 21.72                  | 21.83       | 21.81       |
|                 | 36/0           | 21.00                        | 20.92                  | 20.96       | 20.94       |                | 50/0           | 21.00                        | 21.00                  | 21.04       | 21.02       |
|                 | 36/18          | 21.00                        | 20.70                  | 20.77       | 20.80       |                | 50/24          | 21.00                        | 20.78                  | 20.85       | 20.88       |
|                 | 36/35          | 21.00                        | 20.64                  | 20.75       | 20.73       |                | 50/49          | 21.00                        | 20.72                  | 20.83       | 20.81       |
|                 | 75/0           | 21.00                        | 20.84                  | 20.88       | 20.86       |                | 100/0          | 21.00                        | 20.92                  | 20.96       | 20.94       |

# LTE Band 13

## P-sensor off

| LTE B13/BW=5M |                | Average Conducted Power(dBm) |                        |           |             | LTE B13/BW=10M |                | Average Conducted Power(dBm) |                        |
|---------------|----------------|------------------------------|------------------------|-----------|-------------|----------------|----------------|------------------------------|------------------------|
| Modula-tion   | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |           |             | Modula-tion    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |
|               |                |                              | 23205/779.5            | 23230/782 | 23155/784.5 |                |                |                              | 23230/782              |
| QPSK          | 1/0            | 25.00                        | 24.76                  | 24.84     | 24.81       | QPSK           | 1/0            | 25.00                        | 24.92                  |
|               | 1/12           | 25.00                        | 24.60                  | 24.68     | 24.65       |                | 1/12           | 25.00                        | 24.76                  |
|               | 1/24           | 25.00                        | 24.56                  | 24.64     | 24.61       |                | 1/49           | 25.00                        | 24.72                  |
|               | 12/0           | 24.00                        | 23.77                  | 23.85     | 23.82       |                | 25/0           | 24.00                        | 23.93                  |
|               | 12/6           | 24.00                        | 23.59                  | 23.67     | 23.64       |                | 25/12          | 24.00                        | 23.75                  |
|               | 12/11          | 24.00                        | 23.52                  | 23.60     | 23.57       |                | 25/24          | 24.00                        | 23.68                  |
|               | 25/0           | 24.00                        | 23.71                  | 23.79     | 23.76       |                | 50/0           | 24.00                        | 23.87                  |
| 16QAM         | 1/0            | 24.00                        | 23.69                  | 23.77     | 23.74       | 16QAM          | 1/0            | 24.00                        | 23.85                  |
|               | 1/12           | 24.00                        | 23.50                  | 23.58     | 23.55       |                | 1/24           | 24.00                        | 23.66                  |
|               | 1/24           | 24.00                        | 23.44                  | 23.52     | 23.49       |                | 1/49           | 24.00                        | 23.60                  |
|               | 12/0           | 23.00                        | 22.76                  | 22.84     | 22.81       |                | 25/0           | 23.00                        | 22.92                  |
|               | 12/6           | 23.00                        | 22.60                  | 22.68     | 22.65       |                | 25/12          | 23.00                        | 22.76                  |
|               | 12/11          | 23.00                        | 22.56                  | 22.64     | 22.61       |                | 25/24          | 23.00                        | 22.72                  |
|               | 25/0           | 23.00                        | 21.77                  | 21.85     | 21.82       |                | 50/0           | 23.00                        | 21.93                  |

## P-sensor on

| LTE B13/BW=5M |                | Average Conducted Power(dBm) |                        |           |             | LTE B13/BW=10M |                | Average Conducted Power(dBm) |                        |
|---------------|----------------|------------------------------|------------------------|-----------|-------------|----------------|----------------|------------------------------|------------------------|
| Modula-tion   | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |           |             | Modula-tion    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |
|               |                |                              | 23205/779.5            | 23230/782 | 23155/784.5 |                |                |                              | 23230/782              |
| QPSK          | 1/0            | 23.00                        | 22.75                  | 22.83     | 22.80       | QPSK           | 1/0            | 23.00                        | 22.91                  |
|               | 1/12           | 23.00                        | 22.66                  | 22.74     | 22.71       |                | 1/12           | 23.00                        | 22.82                  |
|               | 1/24           | 23.00                        | 22.58                  | 22.66     | 22.63       |                | 1/49           | 23.00                        | 22.74                  |
|               | 12/0           | 22.00                        | 21.76                  | 21.84     | 21.81       |                | 25/0           | 22.00                        | 21.92                  |
|               | 12/6           | 22.00                        | 21.65                  | 21.73     | 21.70       |                | 25/12          | 22.00                        | 21.81                  |
|               | 12/11          | 22.00                        | 21.54                  | 21.62     | 21.59       |                | 25/24          | 22.00                        | 21.70                  |
|               | 25/0           | 22.00                        | 21.70                  | 21.78     | 21.75       |                | 50/0           | 22.00                        | 21.86                  |
| 16QAM         | 1/0            | 22.00                        | 21.68                  | 21.76     | 21.73       | 16QAM          | 1/0            | 22.00                        | 21.84                  |
|               | 1/12           | 22.00                        | 21.56                  | 21.64     | 21.61       |                | 1/24           | 22.00                        | 21.72                  |
|               | 1/24           | 22.00                        | 21.46                  | 21.54     | 21.51       |                | 1/49           | 22.00                        | 21.62                  |
|               | 12/0           | 21.00                        | 20.75                  | 20.83     | 20.80       |                | 25/0           | 21.00                        | 20.91                  |
|               | 12/6           | 21.00                        | 20.66                  | 20.74     | 20.71       |                | 25/12          | 21.00                        | 20.82                  |
|               | 12/11          | 21.00                        | 20.58                  | 20.66     | 20.63       |                | 25/24          | 21.00                        | 20.74                  |
|               | 25/0           | 21.00                        | 19.76                  | 19.84     | 19.81       |                | 50/0           | 21.00                        | 19.92                  |

# LTE Band 14

## P-sensor off

| LTE B14/BW=5M |                | Average Conducted Power(dBm) |                        |           |             | LTE B14/BW=10M |                | Average Conducted Power(dBm) |                        |
|---------------|----------------|------------------------------|------------------------|-----------|-------------|----------------|----------------|------------------------------|------------------------|
| Modula-tion   | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |           |             | Modula-tion    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |
|               |                |                              | 23305/790.5            | 23330/793 | 23355/795.5 |                |                |                              | 23330/793              |
| QPSK          | 1/0            | 25.00                        | 24.67                  | 24.75     | 24.72       | QPSK           | 1/0            | 25.00                        | 24.83                  |
|               | 1/12           | 25.00                        | 24.56                  | 24.64     | 24.61       |                | 1/12           | 25.00                        | 24.72                  |
|               | 1/24           | 25.00                        | 24.50                  | 24.58     | 24.55       |                | 1/49           | 25.00                        | 24.66                  |
|               | 12/0           | 24.00                        | 23.68                  | 23.76     | 23.73       |                | 25/0           | 24.00                        | 23.84                  |
|               | 12/6           | 24.00                        | 23.55                  | 23.63     | 23.60       |                | 25/12          | 24.00                        | 23.71                  |
|               | 12/11          | 24.00                        | 23.46                  | 23.54     | 23.51       |                | 25/24          | 24.00                        | 23.62                  |
|               | 25/0           | 24.00                        | 23.62                  | 23.70     | 23.67       |                | 50/0           | 24.00                        | 23.78                  |
| 16QAM         | 1/0            | 24.00                        | 23.60                  | 23.68     | 23.65       | 16QAM          | 1/0            | 24.00                        | 23.76                  |
|               | 1/12           | 24.00                        | 23.46                  | 23.54     | 23.51       |                | 1/24           | 24.00                        | 23.62                  |
|               | 1/24           | 24.00                        | 23.38                  | 23.46     | 23.43       |                | 1/49           | 24.00                        | 23.54                  |
|               | 12/0           | 23.00                        | 22.67                  | 22.75     | 22.72       |                | 25/0           | 23.00                        | 22.83                  |
|               | 12/6           | 23.00                        | 22.56                  | 22.64     | 22.61       |                | 25/12          | 23.00                        | 22.72                  |
|               | 12/11          | 23.00                        | 22.50                  | 22.58     | 22.55       |                | 25/24          | 23.00                        | 22.66                  |
|               | 25/0           | 23.00                        | 21.68                  | 21.76     | 21.73       |                | 50/0           | 23.00                        | 21.84                  |

## P-sensor on

| LTE B14/BW=5M |                | Average Conducted Power(dBm) |                        |           |             | LTE B14/BW=10M |                | Average Conducted Power(dBm) |                        |
|---------------|----------------|------------------------------|------------------------|-----------|-------------|----------------|----------------|------------------------------|------------------------|
| Modula-tion   | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |           |             | Modula-tion    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |
|               |                |                              | 23305/790.5            | 23330/793 | 23355/795.5 |                |                |                              | 23330/793              |
| QPSK          | 1/0            | 23.00                        | 22.70                  | 22.78     | 22.75       | QPSK           | 1/0            | 23.00                        | 22.86                  |
|               | 1/12           | 23.00                        | 22.59                  | 22.67     | 22.64       |                | 1/12           | 23.00                        | 22.75                  |
|               | 1/24           | 23.00                        | 22.53                  | 22.61     | 22.58       |                | 1/49           | 23.00                        | 22.69                  |
|               | 12/0           | 22.00                        | 21.71                  | 21.79     | 21.76       |                | 25/0           | 22.00                        | 21.87                  |
|               | 12/6           | 22.00                        | 21.58                  | 21.66     | 21.63       |                | 25/12          | 22.00                        | 21.74                  |
|               | 12/11          | 22.00                        | 21.49                  | 21.57     | 21.54       |                | 25/24          | 22.00                        | 21.65                  |
|               | 25/0           | 22.00                        | 21.65                  | 21.73     | 21.70       |                | 50/0           | 22.00                        | 21.81                  |
| 16QAM         | 1/0            | 22.00                        | 21.63                  | 21.71     | 21.68       | 16QAM          | 1/0            | 22.00                        | 21.79                  |
|               | 1/12           | 22.00                        | 21.49                  | 21.57     | 21.54       |                | 1/24           | 22.00                        | 21.65                  |
|               | 1/24           | 22.00                        | 21.41                  | 21.49     | 21.46       |                | 1/49           | 22.00                        | 21.57                  |
|               | 12/0           | 21.00                        | 20.70                  | 20.78     | 20.75       |                | 25/0           | 21.00                        | 20.86                  |
|               | 12/6           | 21.00                        | 20.59                  | 20.67     | 20.64       |                | 25/12          | 21.00                        | 20.75                  |
|               | 12/11          | 21.00                        | 20.53                  | 20.61     | 20.58       |                | 25/24          | 21.00                        | 20.69                  |
|               | 25/0           | 21.00                        | 19.71                  | 19.79     | 19.76       |                | 50/0           | 21.00                        | 19.87                  |

# LTE Band 17

## P-sensor off

| LTE B17/BW=5M |                | Average Conducted Power(dBm) |                        |           |             | LTE B17/BW=10M |                | Average Conducted Power(dBm) |                        |           |             |
|---------------|----------------|------------------------------|------------------------|-----------|-------------|----------------|----------------|------------------------------|------------------------|-----------|-------------|
| Modulation    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |           |             | Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |           |             |
|               |                |                              | 23780/706.5            | 23790/710 | 23800/713.5 |                |                |                              | 23780/709.0            | 23790/710 | 23800/711.0 |
| QPSK          | 1/0            | 25.00                        | 24.76                  | 24.80     | 22.73       | QPSK           | 1/0            | 25.00                        | 24.88                  | 24.92     | 22.85       |
|               | 1/12           | 25.00                        | 24.66                  | 24.69     | 22.62       |                | 1/12           | 25.00                        | 24.78                  | 24.81     | 22.74       |
|               | 1/24           | 25.00                        | 24.61                  | 22.61     | 22.55       |                | 1/49           | 25.00                        | 24.73                  | 22.73     | 22.67       |
|               | 12/0           | 24.00                        | 23.85                  | 23.89     | 21.82       |                | 25/0           | 24.00                        | 23.97                  | 23.91     | 21.94       |
|               | 12/6           | 24.00                        | 23.71                  | 23.74     | 21.67       |                | 25/12          | 24.00                        | 23.83                  | 23.86     | 21.79       |
|               | 12/11          | 24.00                        | 23.68                  | 21.68     | 21.62       |                | 25/24          | 24.00                        | 23.80                  | 21.80     | 21.74       |
|               | 25/0           | 24.00                        | 23.80                  | 23.84     | 21.77       |                | 50/0           | 24.00                        | 23.92                  | 23.96     | 21.89       |
| 16QAM         | 1/0            | 24.00                        | 23.83                  | 23.87     | 21.80       | 16QAM          | 1/0            | 24.00                        | 23.95                  | 23.99     | 21.92       |
|               | 1/12           | 24.00                        | 23.74                  | 23.77     | 21.70       |                | 1/24           | 24.00                        | 23.86                  | 23.89     | 21.82       |
|               | 1/24           | 24.00                        | 23.71                  | 21.71     | 21.65       |                | 1/49           | 24.00                        | 23.83                  | 21.83     | 21.77       |
|               | 12/0           | 23.00                        | 22.91                  | 22.95     | 20.88       |                | 25/0           | 23.00                        | 23.03                  | 23.07     | 21.00       |
|               | 12/6           | 23.00                        | 22.74                  | 22.77     | 20.70       |                | 25/12          | 23.00                        | 22.86                  | 22.89     | 20.82       |
|               | 12/11          | 23.00                        | 22.71                  | 20.71     | 20.65       |                | 25/24          | 23.00                        | 22.83                  | 20.83     | 20.77       |
|               | 25/0           | 23.00                        | 22.83                  | 22.87     | 20.80       |                | 50/0           | 23.00                        | 22.95                  | 22.99     | 20.92       |

## P-sensor on

| LTE B17/BW=5M |                | Average Conducted Power(dBm) |                        |           |             | LTE B17/BW=10M |                | Average Conducted Power(dBm) |                        |           |             |
|---------------|----------------|------------------------------|------------------------|-----------|-------------|----------------|----------------|------------------------------|------------------------|-----------|-------------|
| Modulation    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |           |             | Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |           |             |
|               |                |                              | 23780/706.5            | 23790/710 | 23800/713.5 |                |                |                              | 23780/709.0            | 23790/710 | 23800/711.0 |
| QPSK          | 1/0            | 23.00                        | 22.74                  | 22.75     | 22.73       | QPSK           | 1/0            | 23.00                        | 22.86                  | 22.87     | 22.85       |
|               | 1/12           | 23.00                        | 22.64                  | 22.69     | 22.62       |                | 1/12           | 23.00                        | 22.76                  | 22.81     | 22.74       |
|               | 1/24           | 23.00                        | 22.52                  | 22.61     | 22.55       |                | 1/49           | 23.00                        | 22.64                  | 22.73     | 22.67       |
|               | 12/0           | 22.00                        | 21.83                  | 21.84     | 21.82       |                | 25/0           | 22.00                        | 21.95                  | 21.96     | 21.94       |
|               | 12/6           | 22.00                        | 21.69                  | 21.74     | 21.67       |                | 25/12          | 22.00                        | 21.81                  | 21.86     | 21.79       |
|               | 12/11          | 22.00                        | 21.59                  | 21.68     | 21.62       |                | 25/24          | 22.00                        | 21.71                  | 21.80     | 21.74       |
|               | 25/0           | 22.00                        | 21.78                  | 21.79     | 21.77       |                | 50/0           | 22.00                        | 21.90                  | 21.91     | 21.89       |
| 16QAM         | 1/0            | 22.00                        | 21.81                  | 21.82     | 21.80       | 16QAM          | 1/0            | 22.00                        | 21.93                  | 21.94     | 21.92       |
|               | 1/12           | 22.00                        | 21.72                  | 21.77     | 21.70       |                | 1/24           | 22.00                        | 21.84                  | 21.89     | 21.82       |
|               | 1/24           | 22.00                        | 21.62                  | 21.71     | 21.65       |                | 1/49           | 22.00                        | 21.74                  | 21.83     | 21.77       |
|               | 12/0           | 21.00                        | 20.89                  | 20.90     | 20.88       |                | 25/0           | 21.00                        | 21.01                  | 21.02     | 21.00       |
|               | 12/6           | 21.00                        | 20.72                  | 20.77     | 20.70       |                | 25/12          | 21.00                        | 20.84                  | 20.89     | 20.82       |
|               | 12/11          | 21.00                        | 20.62                  | 20.71     | 20.65       |                | 25/24          | 21.00                        | 20.74                  | 20.83     | 20.77       |
|               | 25/0           | 21.00                        | 20.81                  | 20.82     | 20.80       |                | 50/0           | 21.00                        | 20.93                  | 20.94     | 20.92       |

# LTE Band 25

## P-sensor off

| LTE B25/BW=1.4M |                | Average Conducted Power(dBm) |                        |              |              | LTE B25/BW=3M  |                | Average Conducted Power(dBm) |                        |              |              |
|-----------------|----------------|------------------------------|------------------------|--------------|--------------|----------------|----------------|------------------------------|------------------------|--------------|--------------|
| Modulation      | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |              |              | Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |              |              |
|                 |                |                              | 26047/1850.7           | 26365/1882.5 | 26683/1914.3 |                |                |                              | 26055/1851.5           | 26365/1882.5 | 26675/1913.5 |
| QPSK            | 1/0            | 24.00                        | 23.45                  | 23.52        | 23.48        | QPSK           | 1/0            | 24.00                        | 23.49                  | 23.56        | 23.52        |
|                 | 1/12           | 24.00                        | 23.34                  | 23.37        | 23.36        |                | 1/12           | 24.00                        | 23.38                  | 23.41        | 23.40        |
|                 | 1/24           | 24.00                        | 23.25                  | 23.29        | 23.31        |                | 1/49           | 24.00                        | 23.29                  | 23.33        | 23.35        |
|                 | 12/0           | 23.00                        | 22.54                  | 22.61        | 22.57        |                | 25/0           | 23.00                        | 22.58                  | 22.65        | 22.61        |
|                 | 12/6           | 23.00                        | 22.39                  | 22.42        | 22.41        |                | 25/12          | 23.00                        | 22.43                  | 22.46        | 22.45        |
|                 | 12/11          | 23.00                        | 22.32                  | 22.36        | 22.38        |                | 25/24          | 23.00                        | 22.36                  | 22.40        | 22.42        |
|                 | 25/0           | 23.00                        | 22.49                  | 22.56        | 22.52        |                | 50/0           | 23.00                        | 22.53                  | 22.60        | 22.56        |
| 16QAM           | 1/0            | 23.00                        | 22.52                  | 22.59        | 22.55        | 16QAM          | 1/0            | 23.00                        | 22.56                  | 22.63        | 22.59        |
|                 | 1/12           | 23.00                        | 22.42                  | 22.45        | 22.44        |                | 1/24           | 23.00                        | 22.46                  | 22.49        | 22.48        |
|                 | 1/24           | 23.00                        | 22.35                  | 22.39        | 22.41        |                | 1/49           | 23.00                        | 22.39                  | 22.43        | 22.45        |
|                 | 12/0           | 22.00                        | 21.44                  | 21.48        | 21.41        |                | 25/0           | 22.00                        | 21.48                  | 21.52        | 21.45        |
|                 | 12/6           | 22.00                        | 21.31                  | 21.29        | 21.26        |                | 25/12          | 22.00                        | 21.35                  | 21.33        | 21.30        |
|                 | 12/11          | 22.00                        | 21.20                  | 21.19        | 21.41        |                | 25/24          | 22.00                        | 21.24                  | 21.23        | 21.45        |
|                 | 25/0           | 22.00                        | 21.41                  | 21.38        | 21.36        |                | 50/0           | 22.00                        | 21.45                  | 21.42        | 21.40        |
| LTE B25/BW=5M   |                | Average Conducted Power(dBm) |                        |              |              | LTE B25/BW=10M |                | Average Conducted Power(dBm) |                        |              |              |
| Modulation      | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |              |              | Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |              |              |
|                 |                |                              | 26065/1852.5           | 26365/1882.5 | 26665/1912.5 |                |                |                              | 26090/1855             | 26365/1882.5 | 26640/1910   |
| QPSK            | 1/0            | 24.00                        | 23.57                  | 23.64        | 23.60        | QPSK           | 1/0            | 24.00                        | 23.64                  | 23.71        | 23.67        |
|                 | 1/37           | 24.00                        | 23.46                  | 23.49        | 23.48        |                | 1/49           | 24.00                        | 23.53                  | 23.56        | 23.55        |
|                 | 1/74           | 24.00                        | 23.37                  | 23.41        | 23.43        |                | 1/99           | 24.00                        | 23.44                  | 23.48        | 23.50        |
|                 | 36/0           | 23.00                        | 22.66                  | 22.73        | 22.69        |                | 50/0           | 23.00                        | 22.73                  | 22.80        | 22.76        |
|                 | 36/18          | 23.00                        | 22.51                  | 22.54        | 22.53        |                | 50/24          | 23.00                        | 22.58                  | 22.61        | 22.60        |
|                 | 36/35          | 23.00                        | 22.44                  | 22.48        | 22.50        |                | 50/49          | 23.00                        | 22.51                  | 22.55        | 22.57        |
|                 | 75/0           | 23.00                        | 22.61                  | 22.68        | 22.64        |                | 100/0          | 23.00                        | 22.68                  | 22.75        | 22.71        |
| 16QAM           | 1/0            | 23.00                        | 22.64                  | 22.71        | 22.67        | 16QAM          | 1/0            | 23.00                        | 22.71                  | 22.78        | 22.74        |
|                 | 1/37           | 23.00                        | 22.54                  | 22.57        | 22.56        |                | 1/49           | 23.00                        | 22.61                  | 22.64        | 22.63        |
|                 | 1/74           | 23.00                        | 22.47                  | 22.51        | 22.53        |                | 1/99           | 23.00                        | 22.54                  | 22.58        | 22.60        |
|                 | 36/0           | 22.00                        | 21.56                  | 21.60        | 21.53        |                | 50/0           | 22.00                        | 21.63                  | 21.67        | 21.60        |
|                 | 36/18          | 22.00                        | 21.43                  | 21.41        | 21.38        |                | 50/24          | 22.00                        | 21.50                  | 21.48        | 21.45        |
|                 | 36/35          | 22.00                        | 21.32                  | 21.31        | 21.53        |                | 50/49          | 22.00                        | 21.39                  | 21.38        | 21.60        |
|                 | 75/0           | 22.00                        | 21.53                  | 21.50        | 21.48        |                | 100/0          | 22.00                        | 21.60                  | 21.57        | 21.55        |

| LTE B25/BW=15M |                | Average Conducted Power(dBm) |                        |              |              | LTE B25/BW=20M |                | Average Conducted Power(dBm) |                        |              |            |
|----------------|----------------|------------------------------|------------------------|--------------|--------------|----------------|----------------|------------------------------|------------------------|--------------|------------|
| Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |              |              | Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |              |            |
|                |                |                              | 26115/1857.5           | 26365/1882.5 | 26615/1907.5 |                |                |                              | 26140/1860             | 26365/1882.5 | 26590/1905 |
| QPSK           | 1/0            | 24.00                        | 23.69                  | 23.76        | 23.72        | QPSK           | 1/0            | 24.00                        | 23.82                  | 23.89        | 23.85      |
|                | 1/37           | 24.00                        | 23.58                  | 23.61        | 23.60        |                | 1/49           | 24.00                        | 23.71                  | 23.74        | 23.73      |
|                | 1/74           | 24.00                        | 23.49                  | 23.53        | 23.55        |                | 1/99           | 24.00                        | 23.62                  | 23.66        | 23.68      |
|                | 36/0           | 23.00                        | 22.78                  | 22.85        | 22.81        |                | 50/0           | 23.00                        | 22.91                  | 22.98        | 22.94      |
|                | 36/18          | 23.00                        | 22.63                  | 22.66        | 22.65        |                | 50/24          | 23.00                        | 22.76                  | 22.79        | 22.78      |
|                | 36/35          | 23.00                        | 22.56                  | 22.60        | 22.62        |                | 50/49          | 23.00                        | 22.69                  | 22.73        | 22.75      |
|                | 75/0           | 23.00                        | 22.73                  | 22.80        | 22.76        |                | 100/0          | 23.00                        | 22.86                  | 22.93        | 22.89      |
| 16QAM          | 1/0            | 23.00                        | 22.76                  | 22.83        | 22.79        | 16QAM          | 1/0            | 23.00                        | 22.89                  | 22.96        | 22.92      |
|                | 1/37           | 23.00                        | 22.66                  | 22.69        | 22.68        |                | 1/49           | 23.00                        | 22.79                  | 22.82        | 22.81      |
|                | 1/74           | 23.00                        | 22.59                  | 22.63        | 22.65        |                | 1/99           | 23.00                        | 22.72                  | 22.76        | 22.78      |
|                | 36/0           | 22.00                        | 21.68                  | 21.72        | 21.65        |                | 50/0           | 22.00                        | 21.81                  | 21.85        | 21.78      |
|                | 36/18          | 22.00                        | 21.55                  | 21.53        | 21.50        |                | 50/24          | 22.00                        | 21.68                  | 21.66        | 21.63      |
|                | 36/35          | 22.00                        | 21.44                  | 21.43        | 21.65        |                | 50/49          | 22.00                        | 21.57                  | 21.56        | 21.78      |
|                | 75/0           | 22.00                        | 21.65                  | 21.62        | 21.60        |                | 100/0          | 22.00                        | 21.78                  | 21.75        | 21.73      |

#### P-sensor on

| LTE B25/BW=1.4M |                | Average Conducted Power(dBm) |                        |              |              | LTE B25/BW=3M |                | Average Conducted Power(dBm) |                        |              |              |
|-----------------|----------------|------------------------------|------------------------|--------------|--------------|---------------|----------------|------------------------------|------------------------|--------------|--------------|
| Modulation      | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |              |              | Modulation    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |              |              |
|                 |                |                              | 26047/1850.7           | 26365/1882.5 | 26683/1914.3 |               |                |                              | 26055/1851.5           | 26365/1882.5 | 26675/1913.5 |
| QPSK            | 1/0            | 23.00                        | 22.47                  | 22.49        | 22.45        | QPSK          | 1/0            | 23.00                        | 22.51                  | 22.53        | 22.49        |
|                 | 1/12           | 23.00                        | 22.38                  | 22.35        | 22.34        |               | 1/12           | 23.00                        | 22.42                  | 22.39        | 22.38        |
|                 | 1/24           | 23.00                        | 22.31                  | 22.28        | 22.27        |               | 1/49           | 23.00                        | 22.35                  | 22.32        | 22.31        |
|                 | 12/0           | 22.00                        | 21.56                  | 21.58        | 21.54        |               | 25/0           | 22.00                        | 21.60                  | 21.62        | 21.58        |
|                 | 12/6           | 22.00                        | 21.43                  | 21.40        | 21.39        |               | 25/12          | 22.00                        | 21.47                  | 21.44        | 21.43        |
|                 | 12/11          | 22.00                        | 21.38                  | 21.35        | 21.34        |               | 25/24          | 22.00                        | 21.42                  | 21.39        | 21.38        |
|                 | 25/0           | 22.00                        | 21.51                  | 21.53        | 21.49        |               | 50/0           | 22.00                        | 21.55                  | 21.57        | 21.53        |
| 16QAM           | 1/0            | 22.00                        | 21.54                  | 21.56        | 21.52        | 16QAM         | 1/0            | 22.00                        | 21.58                  | 21.60        | 21.56        |
|                 | 1/12           | 22.00                        | 21.46                  | 21.43        | 21.42        |               | 1/24           | 22.00                        | 21.50                  | 21.47        | 21.46        |
|                 | 1/24           | 22.00                        | 21.41                  | 21.38        | 21.37        |               | 1/49           | 22.00                        | 21.45                  | 21.42        | 21.41        |
|                 | 12/0           | 21.00                        | 20.46                  | 20.45        | 20.38        |               | 25/0           | 21.00                        | 20.50                  | 20.49        | 20.42        |
|                 | 12/6           | 21.00                        | 20.35                  | 20.27        | 20.24        |               | 25/12          | 21.00                        | 20.39                  | 20.31        | 20.28        |
|                 | 12/11          | 21.00                        | 20.26                  | 20.18        | 20.37        |               | 25/24          | 21.00                        | 20.30                  | 20.22        | 20.41        |
|                 | 25/0           | 21.00                        | 20.43                  | 20.35        | 20.33        |               | 50/0           | 21.00                        | 20.47                  | 20.39        | 20.37        |

| LTE B25/BW=5M  |                | Average Conducted Power(dBm) |                        |              |              | LTE B25/BW=10M |                | Average Conducted Power(dBm) |                        |              |            |
|----------------|----------------|------------------------------|------------------------|--------------|--------------|----------------|----------------|------------------------------|------------------------|--------------|------------|
| Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |              |              | Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |              |            |
|                |                |                              | 26065/1852.5           | 26365/1882.5 | 26665/1912.5 |                |                |                              | 26090/1855             | 26365/1882.5 | 26640/1910 |
| QPSK           | 1/0            | 23.00                        | 22.59                  | 22.61        | 22.57        | QPSK           | 1/0            | 23.00                        | 22.66                  | 22.68        | 22.64      |
|                | 1/12           | 23.00                        | 22.50                  | 22.47        | 22.46        |                | 1/12           | 23.00                        | 22.57                  | 22.54        | 22.53      |
|                | 1/24           | 23.00                        | 22.43                  | 22.40        | 22.39        |                | 1/49           | 23.00                        | 22.50                  | 22.47        | 22.46      |
|                | 12/0           | 22.00                        | 21.68                  | 21.70        | 21.66        |                | 25/0           | 22.00                        | 21.75                  | 21.77        | 21.73      |
|                | 12/6           | 22.00                        | 21.55                  | 21.52        | 21.51        |                | 25/12          | 22.00                        | 21.62                  | 21.59        | 21.58      |
|                | 12/11          | 22.00                        | 21.50                  | 21.47        | 21.46        |                | 25/24          | 22.00                        | 21.57                  | 21.54        | 21.53      |
|                | 25/0           | 22.00                        | 21.63                  | 21.65        | 21.61        |                | 50/0           | 22.00                        | 21.70                  | 21.72        | 21.68      |
| 16QAM          | 1/0            | 22.00                        | 21.66                  | 21.68        | 21.64        | 16QAM          | 1/0            | 22.00                        | 21.73                  | 21.75        | 21.71      |
|                | 1/12           | 22.00                        | 21.58                  | 21.55        | 21.54        |                | 1/24           | 22.00                        | 21.65                  | 21.62        | 21.61      |
|                | 1/24           | 22.00                        | 21.53                  | 21.50        | 21.49        |                | 1/49           | 22.00                        | 21.60                  | 21.57        | 21.56      |
|                | 12/0           | 21.00                        | 20.58                  | 20.57        | 20.50        |                | 25/0           | 21.00                        | 20.65                  | 20.64        | 20.57      |
|                | 12/6           | 21.00                        | 20.47                  | 20.39        | 20.36        |                | 25/12          | 21.00                        | 20.54                  | 20.46        | 20.43      |
|                | 12/11          | 21.00                        | 20.38                  | 20.30        | 20.49        |                | 25/24          | 21.00                        | 20.45                  | 20.37        | 20.56      |
|                | 25/0           | 21.00                        | 20.55                  | 20.47        | 20.45        |                | 50/0           | 21.00                        | 20.62                  | 20.54        | 20.52      |
| LTE B25/BW=15M |                | Average Conducted Power(dBm) |                        |              |              | LTE B25/BW=20M |                | Average Conducted Power(dBm) |                        |              |            |
| Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |              |              | Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |              |            |
|                |                |                              | 26115/1857.5           | 26365/1882.5 | 26615/1907.5 |                |                |                              | 26140/1860             | 26365/1882.5 | 26590/1905 |
| QPSK           | 1/0            | 23.00                        | 22.71                  | 22.73        | 22.69        | QPSK           | 1/0            | 23.00                        | 22.84                  | 22.86        | 22.82      |
|                | 1/37           | 23.00                        | 22.62                  | 22.59        | 22.58        |                | 1/49           | 23.00                        | 22.75                  | 22.72        | 22.71      |
|                | 1/74           | 23.00                        | 22.55                  | 22.52        | 22.51        |                | 1/99           | 23.00                        | 22.68                  | 22.65        | 22.64      |
|                | 36/0           | 22.00                        | 21.80                  | 21.82        | 21.78        |                | 50/0           | 22.00                        | 21.93                  | 21.95        | 21.91      |
|                | 36/18          | 22.00                        | 21.67                  | 21.64        | 21.63        |                | 50/24          | 22.00                        | 21.80                  | 21.77        | 21.76      |
|                | 36/35          | 22.00                        | 21.62                  | 21.59        | 21.58        |                | 50/49          | 22.00                        | 21.75                  | 21.72        | 21.71      |
|                | 75/0           | 22.00                        | 21.75                  | 21.77        | 21.73        |                | 100/0          | 22.00                        | 21.88                  | 21.90        | 21.86      |
| 16QAM          | 1/0            | 22.00                        | 21.78                  | 21.80        | 21.76        | 16QAM          | 1/0            | 22.00                        | 21.91                  | 21.93        | 21.89      |
|                | 1/37           | 22.00                        | 21.70                  | 21.67        | 21.66        |                | 1/49           | 22.00                        | 21.83                  | 21.80        | 21.79      |
|                | 1/74           | 22.00                        | 21.65                  | 21.62        | 21.61        |                | 1/99           | 22.00                        | 21.78                  | 21.75        | 21.74      |
|                | 36/0           | 21.00                        | 20.70                  | 20.69        | 20.62        |                | 50/0           | 21.00                        | 20.83                  | 20.82        | 20.75      |
|                | 36/18          | 21.00                        | 20.59                  | 20.51        | 20.48        |                | 50/24          | 21.00                        | 20.72                  | 20.64        | 20.61      |
|                | 36/35          | 21.00                        | 20.50                  | 20.42        | 20.61        |                | 50/49          | 21.00                        | 20.63                  | 20.55        | 20.74      |
|                | 75/0           | 21.00                        | 20.67                  | 20.59        | 20.57        |                | 100/0          | 21.00                        | 20.80                  | 20.72        | 20.70      |

# LTE Band 26

## P-sensor off

| LTE B26/BW=5M  |                | Average Conducted Power(dBm) |                        |             |             | LTE B26/BW=10M |                | Average Conducted Power(dBm) |                        |             |             |
|----------------|----------------|------------------------------|------------------------|-------------|-------------|----------------|----------------|------------------------------|------------------------|-------------|-------------|
| Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |             |             | Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |             |             |
|                |                |                              | 26715/816.5            | 26865/831.0 | 26990/846.5 |                |                |                              | 26740/819.0            | 26865/831.0 | 26990/844.0 |
| QPSK           | 1/0            | 25.00                        | 24.67                  | 24.71       | 24.68       | QPSK           | 1/0            | 25.00                        | 24.72                  | 24.76       | 24.73       |
|                | 1/12           | 25.00                        | 24.59                  | 24.64       | 24.59       |                | 1/24           | 25.00                        | 24.64                  | 24.69       | 24.64       |
|                | 1/24           | 25.00                        | 24.55                  | 24.56       | 24.50       |                | 1/49           | 25.00                        | 24.60                  | 24.61       | 24.55       |
|                | 12/0           | 24.00                        | 23.76                  | 23.80       | 23.77       |                | 25/0           | 24.00                        | 23.81                  | 23.85       | 23.82       |
|                | 12/6           | 24.00                        | 23.64                  | 23.69       | 23.64       |                | 25/12          | 24.00                        | 23.69                  | 23.74       | 23.69       |
|                | 12/11          | 24.00                        | 23.62                  | 23.63       | 23.57       |                | 25/24          | 24.00                        | 23.67                  | 23.68       | 23.62       |
|                | 25/0           | 24.00                        | 23.71                  | 23.75       | 23.72       |                | 50/0           | 24.00                        | 23.76                  | 23.80       | 23.77       |
| 16QAM          | 1/0            | 24.00                        | 23.74                  | 23.78       | 23.75       | 16QAM          | 1/0            | 24.00                        | 23.79                  | 23.83       | 23.80       |
|                | 1/12           | 24.00                        | 23.67                  | 23.72       | 23.67       |                | 1/24           | 24.00                        | 23.72                  | 23.77       | 23.72       |
|                | 1/24           | 24.00                        | 23.65                  | 23.66       | 23.60       |                | 1/49           | 24.00                        | 23.70                  | 23.71       | 23.65       |
|                | 12/0           | 23.00                        | 22.66                  | 22.67       | 22.61       |                | 25/0           | 23.00                        | 22.71                  | 22.72       | 22.66       |
|                | 12/6           | 23.00                        | 22.56                  | 22.56       | 22.49       |                | 25/12          | 23.00                        | 22.61                  | 22.61       | 22.54       |
|                | 12/11          | 23.00                        | 22.50                  | 22.46       | 22.60       |                | 25/24          | 23.00                        | 22.55                  | 22.51       | 22.65       |
|                | 25/0           | 23.00                        | 22.63                  | 22.57       | 22.56       |                | 50/0           | 23.00                        | 22.68                  | 22.62       | 22.61       |
| LTE B26/BW=15M |                | Average Conducted Power(dBm) |                        |             |             |                |                |                              |                        |             |             |
| Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |             |             |                |                |                              |                        |             |             |
|                |                |                              | 26765/816.5            | 26865/831.0 | 26965/841.5 |                |                |                              |                        |             |             |
| QPSK           | 1/0            | 25.00                        | 24.85                  | 24.89       | 24.86       |                |                |                              |                        |             |             |
|                | 1/37           | 25.00                        | 24.77                  | 24.82       | 24.77       |                |                |                              |                        |             |             |
|                | 1/74           | 25.00                        | 24.73                  | 24.74       | 24.68       |                |                |                              |                        |             |             |
|                | 36/0           | 24.00                        | 23.94                  | 23.98       | 23.95       |                |                |                              |                        |             |             |
|                | 36/18          | 24.00                        | 23.82                  | 23.87       | 23.82       |                |                |                              |                        |             |             |
|                | 36/35          | 24.00                        | 23.80                  | 23.81       | 23.75       |                |                |                              |                        |             |             |
|                | 75/0           | 24.00                        | 23.89                  | 23.93       | 23.90       |                |                |                              |                        |             |             |
| 16QAM          | 1/0            | 24.00                        | 23.92                  | 23.96       | 23.93       |                |                |                              |                        |             |             |
|                | 1/37           | 24.00                        | 23.85                  | 23.90       | 23.85       |                |                |                              |                        |             |             |
|                | 1/74           | 24.00                        | 23.83                  | 23.84       | 23.78       |                |                |                              |                        |             |             |
|                | 36/0           | 23.00                        | 22.84                  | 22.85       | 22.79       |                |                |                              |                        |             |             |
|                | 36/18          | 23.00                        | 22.74                  | 22.74       | 22.67       |                |                |                              |                        |             |             |
|                | 36/35          | 23.00                        | 22.68                  | 22.64       | 22.78       |                |                |                              |                        |             |             |
|                | 75/0           | 23.00                        | 22.81                  | 22.75       | 22.74       |                |                |                              |                        |             |             |

**P-sensor on**

| LTE B26/BW=5M  |                | Average Conducted Power(dBm) |                        |             |             | LTE B26/BW=10M |                | Average Conducted Power(dBm) |                        |             |             |
|----------------|----------------|------------------------------|------------------------|-------------|-------------|----------------|----------------|------------------------------|------------------------|-------------|-------------|
| Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |             |             | Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |             |             |
|                |                |                              | 26715/816.5            | 26865/831.0 | 26990/846.5 |                |                |                              | 26740/819.0            | 26865/831.0 | 26990/844.0 |
| QPSK           | 1/0            | 23.00                        | 22.65                  | 22.69       | 22.67       | QPSK           | 1/0            | 23.00                        | 22.70                  | 22.74       | 22.72       |
|                | 1/12           | 23.00                        | 22.56                  | 22.63       | 22.58       |                | 1/24           | 23.00                        | 22.61                  | 22.68       | 22.63       |
|                | 1/24           | 23.00                        | 22.49                  | 22.55       | 22.50       |                | 1/49           | 23.00                        | 22.54                  | 22.60       | 22.55       |
|                | 12/0           | 22.00                        | 21.74                  | 21.78       | 21.76       |                | 25/0           | 22.00                        | 21.79                  | 21.83       | 21.81       |
|                | 12/6           | 22.00                        | 21.61                  | 21.68       | 21.63       |                | 25/12          | 22.00                        | 21.66                  | 21.73       | 21.68       |
|                | 12/11          | 22.00                        | 21.56                  | 21.62       | 21.57       |                | 25/24          | 22.00                        | 21.61                  | 21.67       | 21.62       |
|                | 25/0           | 22.00                        | 21.69                  | 21.73       | 21.71       |                | 50/0           | 22.00                        | 21.74                  | 21.78       | 21.76       |
| 16QAM          | 1/0            | 22.00                        | 21.72                  | 21.76       | 21.74       | 16QAM          | 1/0            | 22.00                        | 21.77                  | 21.81       | 21.79       |
|                | 1/12           | 22.00                        | 21.64                  | 21.71       | 21.66       |                | 1/24           | 22.00                        | 21.69                  | 21.76       | 21.71       |
|                | 1/24           | 22.00                        | 21.59                  | 21.65       | 21.60       |                | 1/49           | 22.00                        | 21.64                  | 21.70       | 21.65       |
|                | 12/0           | 21.00                        | 20.64                  | 20.65       | 20.60       |                | 25/0           | 21.00                        | 20.69                  | 20.70       | 20.65       |
|                | 12/6           | 21.00                        | 20.53                  | 20.55       | 20.48       |                | 25/12          | 21.00                        | 20.58                  | 20.60       | 20.53       |
|                | 12/11          | 21.00                        | 20.44                  | 20.45       | 20.60       |                | 25/24          | 21.00                        | 20.49                  | 20.50       | 20.65       |
|                | 25/0           | 21.00                        | 20.61                  | 20.55       | 20.55       |                | 50/0           | 21.00                        | 20.66                  | 20.60       | 20.60       |
| LTE B26/BW=15M |                | Average Conducted Power(dBm) |                        |             |             |                |                |                              |                        |             |             |
| Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |             |             |                |                |                              |                        |             |             |
|                |                |                              | 26765/816.5            | 26865/831.0 | 26965/841.5 |                |                |                              |                        |             |             |
| QPSK           | 1/0            | 23.00                        | 22.83                  | 22.87       | 22.85       |                |                |                              |                        |             |             |
|                | 1/37           | 23.00                        | 22.74                  | 22.81       | 22.76       |                |                |                              |                        |             |             |
|                | 1/74           | 23.00                        | 22.67                  | 22.73       | 22.68       |                |                |                              |                        |             |             |
|                | 36/0           | 22.00                        | 21.92                  | 21.96       | 21.94       |                |                |                              |                        |             |             |
|                | 36/18          | 22.00                        | 21.79                  | 21.86       | 21.81       |                |                |                              |                        |             |             |
|                | 36/35          | 22.00                        | 21.74                  | 21.80       | 21.75       |                |                |                              |                        |             |             |
|                | 75/0           | 22.00                        | 21.87                  | 21.91       | 21.89       |                |                |                              |                        |             |             |
| 16QAM          | 1/0            | 22.00                        | 21.90                  | 21.94       | 21.92       |                |                |                              |                        |             |             |
|                | 1/37           | 22.00                        | 21.82                  | 21.89       | 21.84       |                |                |                              |                        |             |             |
|                | 1/74           | 22.00                        | 21.77                  | 21.83       | 21.78       |                |                |                              |                        |             |             |
|                | 36/0           | 21.00                        | 20.82                  | 20.83       | 20.78       |                |                |                              |                        |             |             |
|                | 36/18          | 21.00                        | 20.71                  | 20.73       | 20.66       |                |                |                              |                        |             |             |
|                | 36/35          | 21.00                        | 20.62                  | 20.63       | 20.78       |                |                |                              |                        |             |             |
|                | 75/0           | 21.00                        | 20.79                  | 20.73       | 20.73       |                |                |                              |                        |             |             |

# LTE Band 30

## P-sensor off

| LTE B30/BW=5M |                | Average Conducted Power(dBm) |                        |            |              | LTE B30/BW=10M |                | Average Conducted Power(dBm) |                        |
|---------------|----------------|------------------------------|------------------------|------------|--------------|----------------|----------------|------------------------------|------------------------|
| Modula-tion   | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |            |              | Modula-tion    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |
|               |                |                              | 27685/2307.5           | 27710/2310 | 27734/2312.4 |                |                |                              | 27710/2310             |
| QPSK          | 1/0            | 17.50                        | 17.31                  | 17.28      | 17.32        | QPSK           | 1/0            | 17.50                        | 17.39                  |
|               | 1/12           | 17.50                        | 17.19                  | 17.16      | 17.20        |                | 1/12           | 17.50                        | 17.27                  |
|               | 1/24           | 17.50                        | 17.11                  | 17.08      | 17.12        |                | 1/49           | 17.50                        | 17.19                  |
|               | 12/0           | 16.50                        | 16.32                  | 16.29      | 16.33        |                | 25/0           | 16.50                        | 16.40                  |
|               | 12/6           | 16.50                        | 16.24                  | 16.21      | 16.25        |                | 25/12          | 16.50                        | 16.32                  |
|               | 12/11          | 16.50                        | 16.18                  | 16.15      | 16.19        |                | 25/24          | 16.50                        | 16.26                  |
|               | 25/0           | 16.50                        | 16.35                  | 16.32      | 16.36        |                | 50/0           | 16.50                        | 16.43                  |
| 16QAM         | 1/0            | 16.50                        | 16.38                  | 16.35      | 16.39        | 16QAM          | 1/0            | 16.50                        | 16.46                  |
|               | 1/12           | 16.50                        | 16.27                  | 16.24      | 16.28        |                | 1/24           | 16.50                        | 16.35                  |
|               | 1/24           | 16.50                        | 16.21                  | 16.18      | 16.22        |                | 1/49           | 16.50                        | 16.29                  |
|               | 12/0           | 15.50                        | 15.46                  | 15.43      | 15.47        |                | 25/0           | 15.50                        | 15.43                  |
|               | 12/6           | 15.50                        | 15.27                  | 15.24      | 15.28        |                | 25/12          | 15.50                        | 15.35                  |
|               | 12/11          | 15.50                        | 15.21                  | 15.18      | 15.22        |                | 25/24          | 15.50                        | 15.29                  |
|               | 25/0           | 15.50                        | 15.38                  | 15.35      | 15.39        |                | 50/0           | 15.50                        | 15.46                  |

## P-sensor on

| LTE B30/BW=5M |                | Average Conducted Power(dBm) |                        |            |              | LTE B30/BW=10M |                | Average Conducted Power(dBm) |                        |
|---------------|----------------|------------------------------|------------------------|------------|--------------|----------------|----------------|------------------------------|------------------------|
| Modula-tion   | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |            |              | Modula-tion    | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |
|               |                |                              | 27685/2307.5           | 27710/2310 | 27734/2312.4 |                |                |                              | 27710/2310             |
| QPSK          | 1/0            | 16.50                        | 16.30                  | 16.27      | 16.31        | QPSK           | 1/0            | 16.50                        | 16.38                  |
|               | 1/12           | 16.50                        | 16.18                  | 16.15      | 16.19        |                | 1/12           | 16.50                        | 16.26                  |
|               | 1/24           | 16.50                        | 16.13                  | 16.10      | 16.14        |                | 1/49           | 16.50                        | 16.21                  |
|               | 12/0           | 15.50                        | 15.31                  | 15.28      | 15.32        |                | 25/0           | 15.50                        | 15.39                  |
|               | 12/6           | 15.50                        | 15.23                  | 15.20      | 15.24        |                | 25/12          | 15.50                        | 15.31                  |
|               | 12/11          | 15.50                        | 15.20                  | 15.17      | 15.21        |                | 25/24          | 15.50                        | 15.28                  |
|               | 25/0           | 15.50                        | 15.34                  | 15.31      | 15.35        |                | 50/0           | 15.50                        | 15.42                  |
| 16QAM         | 1/0            | 15.50                        | 15.37                  | 15.34      | 15.38        | 16QAM          | 1/0            | 15.50                        | 15.45                  |
|               | 1/12           | 15.50                        | 15.26                  | 15.23      | 15.27        |                | 1/24           | 15.50                        | 15.34                  |
|               | 1/24           | 15.50                        | 15.23                  | 15.20      | 15.24        |                | 1/49           | 15.50                        | 15.31                  |
|               | 12/0           | 14.50                        | 14.45                  | 14.42      | 14.46        |                | 25/0           | 14.50                        | 14.46                  |
|               | 12/6           | 14.50                        | 14.26                  | 14.23      | 14.27        |                | 25/12          | 14.50                        | 14.34                  |
|               | 12/11          | 14.50                        | 14.23                  | 14.20      | 14.24        |                | 25/24          | 14.50                        | 14.31                  |
|               | 25/0           | 14.50                        | 14.37                  | 14.34      | 14.38        |                | 50/0           | 14.50                        | 14.45                  |

# LTE Band 38

## P-sensor off

| LTE B38/BW=5M  |                | Average Conducted Power(dBm) |                        |              |              | LTE B38/BW=10M |                | Average Conducted Power(dBm) |                        |            |            |
|----------------|----------------|------------------------------|------------------------|--------------|--------------|----------------|----------------|------------------------------|------------------------|------------|------------|
| Modulation     | RB Size/Offset | Max. Tune-up                 | Channel/Frequency(MHz) |              |              | Modulation     | RB Size/Offset | Max. Tune-up                 | Channel/Frequency(MHz) |            |            |
|                |                |                              | 37775/2572.5           | 38000/2595   | 38225/2617.5 |                |                |                              | 37800/2575             | 38000/2595 | 38200/2615 |
| QPSK           | 1/0            | 24.00                        | 23.58                  | 23.61        | 23.56        | QPSK           | 1/0            | 24.00                        | 23.65                  | 23.68      | 23.63      |
|                | 1/12           | 24.00                        | 23.49                  | 23.51        | 23.47        |                | 1/24           | 24.00                        | 23.56                  | 23.58      | 23.54      |
|                | 1/24           | 24.00                        | 23.43                  | 23.40        | 23.34        |                | 1/49           | 24.00                        | 23.50                  | 23.47      | 23.41      |
|                | 12/0           | 23.00                        | 22.67                  | 22.70        | 22.65        |                | 25/0           | 23.00                        | 22.74                  | 22.77      | 22.72      |
|                | 12/6           | 23.00                        | 22.54                  | 22.56        | 22.52        |                | 25/12          | 23.00                        | 22.61                  | 22.63      | 22.59      |
|                | 12/11          | 23.00                        | 22.50                  | 22.47        | 22.41        |                | 25/24          | 23.00                        | 22.57                  | 22.54      | 22.48      |
|                | 25/0           | 23.00                        | 22.62                  | 22.65        | 22.60        |                | 50/0           | 23.00                        | 22.69                  | 22.72      | 22.67      |
| 16QAM          | 1/0            | 23.00                        | 22.65                  | 22.68        | 22.63        | 16QAM          | 1/0            | 23.00                        | 22.72                  | 22.75      | 22.70      |
|                | 1/12           | 23.00                        | 22.57                  | 22.59        | 22.55        |                | 1/24           | 23.00                        | 22.64                  | 22.66      | 22.62      |
|                | 1/24           | 23.00                        | 22.53                  | 22.50        | 22.44        |                | 1/49           | 23.00                        | 22.60                  | 22.57      | 22.51      |
|                | 12/0           | 22.00                        | 21.57                  | 21.57        | 21.49        |                | 25/0           | 22.00                        | 21.64                  | 21.64      | 21.56      |
|                | 12/6           | 22.00                        | 21.46                  | 21.43        | 21.37        |                | 25/12          | 22.00                        | 21.53                  | 21.50      | 21.44      |
|                | 12/11          | 22.00                        | 21.38                  | 21.30        | 21.44        |                | 25/25          | 22.00                        | 21.45                  | 21.37      | 21.51      |
|                | 25/0           | 22.00                        | 21.54                  | 21.47        | 21.44        |                | 50/0           | 22.00                        | 21.61                  | 21.54      | 21.51      |
| LTE B38/BW=15M |                | Average Conducted Power(dBm) |                        |              |              | LTE B38/BW=20M |                | Average Conducted Power(dBm) |                        |            |            |
| Modulation     | RB Size/Offset | Max. Tune-up                 | Channel/Frequency(MHz) |              |              | Modulation     | RB Size/Offset | Max. Tune-up                 | Channel/Frequency(MHz) |            |            |
|                |                |                              | 37825/2577.5           | 38000/2595.0 | 38175/2612.5 |                |                |                              | 37850/2580             | 38000/2595 | 38150/2610 |
| QPSK           | 1/0            | 24.00                        | 23.70                  | 23.73        | 23.68        | QPSK           | 1/0            | 24.00                        | 23.83                  | 23.86      | 23.81      |
|                | 1/37           | 24.00                        | 23.61                  | 23.63        | 23.59        |                | 1/49           | 24.00                        | 23.74                  | 23.76      | 23.72      |
|                | 1/74           | 24.00                        | 23.55                  | 23.52        | 23.46        |                | 1/99           | 24.00                        | 23.68                  | 23.65      | 23.59      |
|                | 36/0           | 23.00                        | 22.79                  | 22.82        | 22.77        |                | 50/0           | 23.00                        | 22.92                  | 22.95      | 22.90      |
|                | 36/18          | 23.00                        | 22.66                  | 22.68        | 22.64        |                | 50/24          | 23.00                        | 22.79                  | 22.81      | 22.77      |
|                | 36/35          | 23.00                        | 22.62                  | 22.59        | 22.53        |                | 50/49          | 23.00                        | 22.75                  | 22.72      | 22.66      |
|                | 75/0           | 23.00                        | 22.74                  | 22.77        | 22.72        |                | 100/0          | 23.00                        | 22.87                  | 22.90      | 22.85      |
| 16QAM          | 1/0            | 23.00                        | 22.77                  | 22.80        | 22.75        | 16QAM          | 1/0            | 23.00                        | 22.90                  | 22.93      | 22.88      |
|                | 1/37           | 23.00                        | 22.69                  | 22.71        | 22.67        |                | 1/49           | 23.00                        | 22.82                  | 22.84      | 22.80      |
|                | 1/74           | 23.00                        | 22.65                  | 22.62        | 22.56        |                | 1/99           | 23.00                        | 22.78                  | 22.75      | 22.69      |
|                | 36/0           | 22.00                        | 21.69                  | 21.69        | 21.61        |                | 50/0           | 22.00                        | 21.82                  | 21.82      | 21.74      |
|                | 36/18          | 22.00                        | 21.58                  | 21.55        | 21.49        |                | 50/24          | 22.00                        | 21.71                  | 21.68      | 21.62      |
|                | 36/35          | 22.00                        | 21.50                  | 21.42        | 21.56        |                | 50/49          | 22.00                        | 21.63                  | 21.55      | 21.69      |
|                | 75/0           | 22.00                        | 21.66                  | 21.59        | 21.56        |                | 100/0          | 22.00                        | 21.79                  | 21.72      | 21.69      |

**P-sensor on**

| LTE B38/BW=5M  |                | Average Conducted Power(dBm) |                        |              |              | LTE B38/BW=10M |                | Average Conducted Power(dBm) |                        |            |            |
|----------------|----------------|------------------------------|------------------------|--------------|--------------|----------------|----------------|------------------------------|------------------------|------------|------------|
| Modulation     | RB Size/Offset | Max. Tune-up                 | Channel/Frequency(MHz) |              |              | Modulation     | RB Size/Offset | Max. Tune-up                 | Channel/Frequency(MHz) |            |            |
|                |                |                              | 37775/2572.5           | 38000/2595   | 38225/2617.5 |                |                |                              | 37800/2575             | 38000/2595 | 38200/2615 |
| QPSK           | 1/0            | 23.00                        | 22.61                  | 22.62        | 22.58        | QPSK           | 1/0            | 23.00                        | 22.68                  | 22.69      | 22.65      |
|                | 1/12           | 23.00                        | 22.50                  | 22.53        | 22.46        |                | 1/24           | 23.00                        | 22.57                  | 22.60      | 22.53      |
|                | 1/24           | 23.00                        | 22.39                  | 22.44        | 22.38        |                | 1/49           | 23.00                        | 22.46                  | 22.51      | 22.45      |
|                | 12/0           | 22.00                        | 21.70                  | 21.71        | 21.67        |                | 25/0           | 22.00                        | 21.77                  | 21.78      | 21.74      |
|                | 12/6           | 22.00                        | 21.55                  | 21.58        | 21.51        |                | 25/12          | 22.00                        | 21.62                  | 21.65      | 21.58      |
|                | 12/11          | 22.00                        | 21.46                  | 21.51        | 21.45        |                | 25/24          | 22.00                        | 21.53                  | 21.58      | 21.52      |
|                | 25/0           | 22.00                        | 21.65                  | 21.66        | 21.62        |                | 50/0           | 22.00                        | 21.72                  | 21.73      | 21.69      |
| 16QAM          | 1/0            | 22.00                        | 21.68                  | 21.69        | 21.65        | 16QAM          | 1/0            | 22.00                        | 21.75                  | 21.76      | 21.72      |
|                | 1/12           | 22.00                        | 21.58                  | 21.61        | 21.54        |                | 1/24           | 22.00                        | 21.65                  | 21.68      | 21.61      |
|                | 1/24           | 22.00                        | 21.49                  | 21.54        | 21.48        |                | 1/49           | 22.00                        | 21.56                  | 21.61      | 21.55      |
|                | 12/0           | 21.00                        | 20.60                  | 20.58        | 20.51        |                | 25/0           | 21.00                        | 20.67                  | 20.65      | 20.58      |
|                | 12/6           | 21.00                        | 20.47                  | 20.45        | 20.36        |                | 25/12          | 21.00                        | 20.54                  | 20.52      | 20.43      |
|                | 12/11          | 21.00                        | 20.34                  | 20.34        | 20.48        |                | 25/25          | 21.00                        | 20.41                  | 20.41      | 20.55      |
|                | 25/0           | 21.00                        | 20.57                  | 20.48        | 20.46        |                | 50/0           | 21.00                        | 20.64                  | 20.55      | 20.53      |
| LTE B38/BW=15M |                | Average Conducted Power(dBm) |                        |              |              | LTE B38/BW=20M |                | Average Conducted Power(dBm) |                        |            |            |
| Modulation     | RB Size/Offset | Max. Tune-up                 | Channel/Frequency(MHz) |              |              | Modulation     | RB Size/Offset | Max. Tune-up                 | Channel/Frequency(MHz) |            |            |
|                |                |                              | 37825/2577.5           | 38000/2595.0 | 38175/2612.5 |                |                |                              | 37850/2580             | 38000/2595 | 38150/2610 |
| QPSK           | 1/0            | 23.00                        | 22.73                  | 22.74        | 22.70        | QPSK           | 1/0            | 23.00                        | 22.86                  | 22.87      | 22.83      |
|                | 1/37           | 23.00                        | 22.62                  | 22.65        | 22.58        |                | 1/49           | 23.00                        | 22.75                  | 22.78      | 22.71      |
|                | 1/74           | 23.00                        | 22.51                  | 22.56        | 22.50        |                | 1/99           | 23.00                        | 22.64                  | 22.69      | 22.63      |
|                | 36/0           | 22.00                        | 21.82                  | 21.83        | 21.79        |                | 50/0           | 22.00                        | 21.95                  | 21.96      | 21.92      |
|                | 36/18          | 22.00                        | 21.67                  | 21.70        | 21.63        |                | 50/24          | 22.00                        | 21.80                  | 21.83      | 21.76      |
|                | 36/35          | 22.00                        | 21.58                  | 21.63        | 21.57        |                | 50/49          | 22.00                        | 21.71                  | 21.76      | 21.70      |
|                | 75/0           | 22.00                        | 21.77                  | 21.78        | 21.74        |                | 100/0          | 22.00                        | 21.90                  | 21.91      | 21.87      |
| 16QAM          | 1/0            | 22.00                        | 21.80                  | 21.81        | 21.77        | 16QAM          | 1/0            | 22.00                        | 21.93                  | 21.94      | 21.90      |
|                | 1/37           | 22.00                        | 21.70                  | 21.73        | 21.66        |                | 1/49           | 22.00                        | 21.83                  | 21.86      | 21.79      |
|                | 1/74           | 22.00                        | 21.61                  | 21.66        | 21.60        |                | 1/99           | 22.00                        | 21.74                  | 21.79      | 21.73      |
|                | 36/0           | 21.00                        | 20.72                  | 20.70        | 20.63        |                | 50/0           | 21.00                        | 20.85                  | 20.83      | 20.76      |
|                | 36/18          | 21.00                        | 20.59                  | 20.57        | 20.48        |                | 50/24          | 21.00                        | 20.72                  | 20.70      | 20.61      |
|                | 36/35          | 21.00                        | 20.46                  | 20.46        | 20.60        |                | 50/49          | 21.00                        | 20.59                  | 20.59      | 20.73      |
|                | 75/0           | 21.00                        | 20.69                  | 20.60        | 20.58        |                | 100/0          | 21.00                        | 20.82                  | 20.73      | 20.71      |

# LTE Band 41

## P-sensor off

| LTE B41/BW=5M  |                | Average Conducted Power(dBm) |                        |            |              | LTE B41/BW=10M |                | Average Conducted Power(dBm) |                        |            |            |
|----------------|----------------|------------------------------|------------------------|------------|--------------|----------------|----------------|------------------------------|------------------------|------------|------------|
| Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |            |              | Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |            |            |
|                |                |                              | 39675/2498.5           | 40620/2593 | 41565/2687.5 |                |                |                              | 39700/2501             | 40620/2593 | 41540/2685 |
| QPSK           | 1/0            | 24.00                        | 23.51                  | 23.52      | 23.50        | QPSK           | 1/0            | 24.00                        | 23.60                  | 23.61      | 23.59      |
|                | 1/12           | 24.00                        | 23.43                  | 23.45      | 23.38        |                | 1/24           | 24.00                        | 23.52                  | 23.54      | 23.47      |
|                | 1/24           | 24.00                        | 23.35                  | 23.41      | 23.32        |                | 1/49           | 24.00                        | 23.44                  | 23.50      | 23.41      |
|                | 12/0           | 23.00                        | 22.60                  | 22.61      | 22.59        |                | 25/0           | 23.00                        | 22.69                  | 22.70      | 22.68      |
|                | 12/6           | 23.00                        | 22.48                  | 22.50      | 22.43        |                | 25/12          | 23.00                        | 22.57                  | 22.59      | 22.52      |
|                | 12/11          | 23.00                        | 22.42                  | 22.48      | 22.39        |                | 25/24          | 23.00                        | 22.51                  | 22.57      | 22.48      |
|                | 25/0           | 23.00                        | 22.55                  | 22.56      | 22.54        |                | 50/0           | 23.00                        | 22.64                  | 22.65      | 22.63      |
| 16QAM          | 1/0            | 23.00                        | 22.58                  | 22.59      | 22.57        | 16QAM          | 1/0            | 23.00                        | 22.67                  | 22.68      | 22.66      |
|                | 1/12           | 23.00                        | 22.51                  | 22.53      | 22.46        |                | 1/24           | 23.00                        | 22.60                  | 22.62      | 22.55      |
|                | 1/24           | 23.00                        | 22.45                  | 22.51      | 22.42        |                | 1/49           | 23.00                        | 22.54                  | 22.60      | 22.51      |
|                | 12/0           | 22.00                        | 21.66                  | 21.67      | 21.65        |                | 25/0           | 22.00                        | 21.75                  | 21.76      | 21.74      |
|                | 12/6           | 22.00                        | 21.51                  | 21.53      | 21.46        |                | 25/12          | 22.00                        | 21.60                  | 21.62      | 21.55      |
|                | 12/11          | 22.00                        | 21.45                  | 21.51      | 21.42        |                | 25/25          | 22.00                        | 21.54                  | 21.60      | 21.51      |
|                | 25/0           | 22.00                        | 21.58                  | 21.59      | 21.57        |                | 50/0           | 22.00                        | 21.67                  | 21.68      | 21.66      |
| LTE B41/BW=15M |                | Average Conducted Power(dBm) |                        |            |              | LTE B41/BW=20M |                | Average Conducted Power(dBm) |                        |            |            |
| Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |            |              | Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |            |            |
|                |                |                              | 39725/2503.5           | 40620/2593 | 41515/2682.5 |                |                |                              | 39750/2506             | 40620/2593 | 41490/2680 |
| QPSK           | 1/0            | 24.00                        | 23.73                  | 23.74      | 23.72        | QPSK           | 1/0            | 24.00                        | 23.81                  | 23.82      | 23.80      |
|                | 1/37           | 24.00                        | 23.65                  | 23.67      | 23.60        |                | 1/49           | 24.00                        | 23.73                  | 23.75      | 23.68      |
|                | 1/74           | 24.00                        | 23.57                  | 23.63      | 23.54        |                | 1/99           | 24.00                        | 23.65                  | 23.71      | 23.62      |
|                | 36/0           | 23.00                        | 22.82                  | 22.83      | 22.81        |                | 50/0           | 23.00                        | 22.90                  | 22.91      | 22.89      |
|                | 36/18          | 23.00                        | 22.70                  | 22.72      | 22.65        |                | 50/24          | 23.00                        | 22.78                  | 22.80      | 22.73      |
|                | 36/35          | 23.00                        | 22.64                  | 22.70      | 22.61        |                | 50/49          | 23.00                        | 22.72                  | 22.78      | 22.69      |
|                | 75/0           | 23.00                        | 22.77                  | 22.78      | 22.76        |                | 100/0          | 23.00                        | 22.85                  | 22.86      | 22.84      |
| 16QAM          | 1/0            | 23.00                        | 22.80                  | 22.81      | 22.79        | 16QAM          | 1/0            | 23.00                        | 22.88                  | 22.89      | 22.87      |
|                | 1/37           | 23.00                        | 22.73                  | 22.75      | 22.68        |                | 1/49           | 23.00                        | 22.81                  | 22.83      | 22.76      |
|                | 1/74           | 23.00                        | 22.67                  | 22.73      | 22.64        |                | 1/99           | 23.00                        | 22.75                  | 22.81      | 22.72      |
|                | 36/0           | 22.00                        | 21.88                  | 21.89      | 21.87        |                | 50/0           | 22.00                        | 21.96                  | 21.97      | 21.95      |
|                | 36/18          | 22.00                        | 21.73                  | 21.75      | 21.68        |                | 50/24          | 22.00                        | 21.81                  | 21.83      | 21.76      |
|                | 36/35          | 22.00                        | 21.67                  | 21.73      | 21.64        |                | 50/49          | 22.00                        | 21.75                  | 21.81      | 21.72      |
|                | 75/0           | 22.00                        | 21.80                  | 21.81      | 21.79        |                | 100/0          | 22.00                        | 21.88                  | 21.89      | 21.87      |

**P-sensor off (HPUE)**

| LTE B41/BW=5M  |                | Average Conducted Power(dBm) |                        |            |              | LTE B41/BW=10M |                | Average Conducted Power(dBm) |                        |            |            |
|----------------|----------------|------------------------------|------------------------|------------|--------------|----------------|----------------|------------------------------|------------------------|------------|------------|
| Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |            |              | Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |            |            |
|                |                |                              | 39675/2498.5           | 40620/2593 | 41565/2687.5 |                |                |                              | 39700/2501             | 40620/2593 | 41540/2685 |
| QPSK           | 1/0            | 27.00                        | 25.69                  | 26.12      | 25.73        | QPSK           | 1/0            | 27.00                        | 25.74                  | 26.17      | 25.78      |
|                | 1/12           | 27.00                        | 26.03                  | 26.06      | 25.39        |                | 1/24           | 27.00                        | 26.08                  | 26.11      | 25.44      |
|                | 1/24           | 27.00                        | 26.08                  | 25.83      | 24.98        |                | 1/49           | 27.00                        | 26.13                  | 25.88      | 25.03      |
|                | 12/0           | 26.00                        | 25.69                  | 26.12      | 25.73        |                | 25/0           | 26.00                        | 25.74                  | 26.17      | 25.78      |
|                | 12/6           | 26.00                        | 26.03                  | 26.06      | 25.39        |                | 25/12          | 26.00                        | 26.08                  | 26.11      | 25.44      |
|                | 12/11          | 26.00                        | 26.08                  | 25.83      | 24.98        |                | 25/24          | 26.00                        | 26.13                  | 25.88      | 25.03      |
|                | 25/0           | 26.00                        | 24.75                  | 25.18      | 24.79        |                | 50/0           | 26.00                        | 24.80                  | 25.23      | 24.84      |
| 16QAM          | 1/0            | 26.00                        | 24.87                  | 25.30      | 24.91        | 16QAM          | 1/0            | 26.00                        | 24.92                  | 25.35      | 24.96      |
|                | 1/12           | 26.00                        | 24.83                  | 25.26      | 24.87        |                | 1/24           | 26.00                        | 24.88                  | 25.31      | 24.92      |
|                | 1/24           | 26.00                        | 25.15                  | 24.90      | 24.05        |                | 1/49           | 26.00                        | 25.20                  | 24.95      | 24.10      |
|                | 12/0           | 25.00                        | 24.87                  | 25.30      | 24.91        |                | 25/0           | 25.00                        | 24.92                  | 25.35      | 24.96      |
|                | 12/6           | 25.00                        | 24.83                  | 25.26      | 24.87        |                | 25/12          | 25.00                        | 24.88                  | 25.31      | 24.92      |
|                | 12/11          | 25.00                        | 25.15                  | 24.90      | 24.05        |                | 25/25          | 25.00                        | 25.20                  | 24.95      | 24.10      |
|                | 25/0           | 25.00                        | 23.84                  | 25.30      | 24.91        |                | 50/0           | 25.00                        | 23.89                  | 25.35      | 24.96      |
| LTE B41/BW=15M |                | Average Conducted Power(dBm) |                        |            |              | LTE B41/BW=20M |                | Average Conducted Power(dBm) |                        |            |            |
| Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |            |              | Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |            |            |
|                |                |                              | 39725/2503.5           | 40620/2593 | 41515/2682.5 |                |                |                              | 39750/2506             | 40620/2593 | 41490/2680 |
| QPSK           | 1/0            | 27.00                        | 25.79                  | 26.22      | 25.83        | QPSK           | 1/0            | 27.00                        | 25.84                  | 26.27      | 25.88      |
|                | 1/37           | 27.00                        | 26.13                  | 26.16      | 25.49        |                | 1/49           | 27.00                        | 26.18                  | 26.21      | 25.54      |
|                | 1/74           | 27.00                        | 26.18                  | 25.93      | 25.08        |                | 1/99           | 27.00                        | 26.23                  | 25.98      | 25.13      |
|                | 36/0           | 26.00                        | 25.79                  | 26.22      | 25.83        |                | 50/0           | 26.00                        | 24.95                  | 25.38      | 24.99      |
|                | 36/18          | 26.00                        | 26.13                  | 26.16      | 25.49        |                | 50/24          | 26.00                        | 25.22                  | 25.25      | 24.58      |
|                | 36/35          | 26.00                        | 26.18                  | 25.93      | 25.08        |                | 50/49          | 26.00                        | 25.41                  | 25.16      | 24.31      |
|                | 75/0           | 26.00                        | 24.85                  | 25.28      | 24.89        |                | 100/0          | 26.00                        | 24.90                  | 25.33      | 24.94      |
| 16QAM          | 1/0            | 26.00                        | 24.97                  | 25.40      | 25.01        | 16QAM          | 1/0            | 26.00                        | 25.02                  | 25.45      | 25.06      |
|                | 1/37           | 26.00                        | 24.93                  | 25.36      | 24.97        |                | 1/49           | 26.00                        | 24.98                  | 25.41      | 25.02      |
|                | 1/74           | 26.00                        | 25.25                  | 25.00      | 24.15        |                | 1/99           | 26.00                        | 25.30                  | 25.05      | 24.20      |
|                | 36/0           | 25.00                        | 24.97                  | 25.40      | 25.01        |                | 50/0           | 25.00                        | 23.85                  | 24.28      | 23.89      |
|                | 36/18          | 25.00                        | 24.93                  | 25.36      | 24.97        |                | 50/24          | 25.00                        | 24.32                  | 24.35      | 23.68      |
|                | 36/35          | 25.00                        | 25.25                  | 25.00      | 24.15        |                | 50/49          | 25.00                        | 24.26                  | 24.01      | 23.16      |
|                | 75/0           | 25.00                        | 23.94                  | 24.23      | 23.84        |                | 100/0          | 25.00                        | 23.99                  | 24.42      | 24.03      |

**P-sensor on**

| LTE B41/BW=5M  |                | Average Conducted Power(dBm) |                        |            |              | LTE B41/BW=10M |                | Average Conducted Power(dBm) |                        |            |            |
|----------------|----------------|------------------------------|------------------------|------------|--------------|----------------|----------------|------------------------------|------------------------|------------|------------|
| Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |            |              | Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |            |            |
|                |                |                              | 39675/2498.5           | 40620/2593 | 41565/2687.5 |                |                |                              | 39700/2501             | 40620/2593 | 41540/2685 |
| QPSK           | 1/0            | 23.00                        | 22.64                  | 22.65      | 22.61        | QPSK           | 1/0            | 23.00                        | 22.71                  | 22.72      | 22.68      |
|                | 1/12           | 23.00                        | 22.53                  | 22.57      | 22.51        |                | 1/24           | 23.00                        | 22.60                  | 22.64      | 22.58      |
|                | 1/24           | 23.00                        | 22.47                  | 22.50      | 22.44        |                | 1/49           | 23.00                        | 22.54                  | 22.57      | 22.51      |
|                | 12/0           | 22.00                        | 21.73                  | 21.74      | 21.70        |                | 25/0           | 22.00                        | 21.80                  | 21.81      | 21.77      |
|                | 12/6           | 22.00                        | 21.58                  | 21.62      | 21.56        |                | 25/12          | 22.00                        | 21.65                  | 21.69      | 21.63      |
|                | 12/11          | 22.00                        | 21.54                  | 21.57      | 21.51        |                | 25/24          | 22.00                        | 21.61                  | 21.64      | 21.58      |
|                | 25/0           | 22.00                        | 21.68                  | 21.69      | 21.65        |                | 50/0           | 22.00                        | 21.75                  | 21.76      | 21.72      |
| 16QAM          | 1/0            | 22.00                        | 21.71                  | 21.72      | 21.68        | 16QAM          | 1/0            | 22.00                        | 21.78                  | 21.79      | 21.75      |
|                | 1/12           | 22.00                        | 21.61                  | 21.65      | 21.59        |                | 1/24           | 22.00                        | 21.68                  | 21.72      | 21.66      |
|                | 1/24           | 22.00                        | 21.57                  | 21.60      | 21.54        |                | 1/49           | 22.00                        | 21.64                  | 21.67      | 21.61      |
|                | 12/0           | 21.00                        | 20.63                  | 20.61      | 20.54        |                | 25/0           | 21.00                        | 20.70                  | 20.68      | 20.61      |
|                | 12/6           | 21.00                        | 20.50                  | 20.49      | 20.41        |                | 25/12          | 21.00                        | 20.57                  | 20.56      | 20.48      |
|                | 12/11          | 21.00                        | 20.42                  | 20.40      | 20.54        |                | 25/24          | 21.00                        | 20.49                  | 20.47      | 20.61      |
|                | 25/0           | 21.00                        | 20.60                  | 20.51      | 20.49        |                | 50/0           | 21.00                        | 20.67                  | 20.58      | 20.56      |
| LTE B41/BW=15M |                | Average Conducted Power(dBm) |                        |            |              | LTE B41/BW=20M |                | Average Conducted Power(dBm) |                        |            |            |
| Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |            |              | Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |            |            |
|                |                |                              | 39725/2503.5           | 40620/2593 | 41515/2682.5 |                |                |                              | 39750/2506             | 40620/2593 | 41490/2680 |
| QPSK           | 1/0            | 23.00                        | 22.76                  | 22.77      | 22.73        | QPSK           | 1/0            | 23.00                        | 22.89                  | 22.90      | 22.86      |
|                | 1/37           | 23.00                        | 22.65                  | 22.69      | 22.63        |                | 1/49           | 23.00                        | 22.78                  | 22.82      | 22.76      |
|                | 1/74           | 23.00                        | 22.59                  | 22.62      | 22.56        |                | 1/99           | 23.00                        | 22.72                  | 22.75      | 22.69      |
|                | 36/0           | 22.00                        | 21.85                  | 21.86      | 21.82        |                | 50/0           | 22.00                        | 21.98                  | 21.99      | 21.95      |
|                | 36/18          | 22.00                        | 21.70                  | 21.74      | 21.68        |                | 50/24          | 22.00                        | 21.83                  | 21.87      | 21.81      |
|                | 36/35          | 22.00                        | 21.66                  | 21.69      | 21.63        |                | 50/49          | 22.00                        | 21.79                  | 21.82      | 21.76      |
|                | 75/0           | 22.00                        | 21.80                  | 21.81      | 21.77        |                | 100/0          | 22.00                        | 21.93                  | 21.94      | 21.90      |
| 16QAM          | 1/0            | 22.00                        | 21.83                  | 21.84      | 21.80        | 16QAM          | 1/0            | 22.00                        | 21.96                  | 21.97      | 21.93      |
|                | 1/37           | 22.00                        | 21.73                  | 21.77      | 21.71        |                | 1/49           | 22.00                        | 21.86                  | 21.90      | 21.84      |
|                | 1/74           | 22.00                        | 21.69                  | 21.72      | 21.66        |                | 1/99           | 22.00                        | 21.82                  | 21.85      | 21.79      |
|                | 36/0           | 21.00                        | 20.75                  | 20.73      | 20.66        |                | 50/0           | 21.00                        | 20.88                  | 20.86      | 20.79      |
|                | 36/18          | 21.00                        | 20.62                  | 20.61      | 20.53        |                | 50/24          | 21.00                        | 20.75                  | 20.74      | 20.66      |
|                | 36/35          | 21.00                        | 20.54                  | 20.52      | 20.66        |                | 50/49          | 21.00                        | 20.67                  | 20.65      | 20.79      |
|                | 75/0           | 21.00                        | 20.72                  | 20.63      | 20.61        |                | 100/0          | 21.00                        | 20.85                  | 20.76      | 20.74      |

**LTE Band 48**
**P-sensor off**

| LTE B48/BW=5M  |                |              | Average Conducted Power(dBm) |              |              | LTE B48/BW=10M |                |              | Average Conducted Power(dBm) |              |            |
|----------------|----------------|--------------|------------------------------|--------------|--------------|----------------|----------------|--------------|------------------------------|--------------|------------|
| Modulation     | RB Size/Offset | Max. Tune-up | Channel/Frequency(MHz)       |              |              | Modulation     | RB Size/Offset | Max. Tune-up | Channel/Frequency(MHz)       |              |            |
|                |                |              | 55265/3552.5                 | 56232/3649.2 | 56715/3697.5 |                |                |              | 55290/3555                   | 56223/3648.3 | 56690/3695 |
| QPSK           | 1/0            | 22.00        | 21.55                        | 21.62        | 21.55        | QPSK           | 1/0            | 22.00        | 21.64                        | 21.71        | 21.64      |
|                | 1/12           | 22.00        | 21.44                        | 21.54        | 21.42        |                | 1/24           | 22.00        | 21.53                        | 21.63        | 21.51      |
|                | 1/24           | 22.00        | 21.35                        | 21.46        | 21.28        |                | 1/49           | 22.00        | 21.44                        | 21.55        | 21.37      |
|                | 12/0           | 21.00        | 20.64                        | 20.71        | 20.64        |                | 25/0           | 21.00        | 20.73                        | 20.80        | 20.73      |
|                | 12/6           | 21.00        | 20.49                        | 20.59        | 20.47        |                | 25/12          | 21.00        | 20.58                        | 20.68        | 20.56      |
|                | 12/11          | 21.00        | 20.42                        | 20.53        | 20.35        |                | 25/24          | 21.00        | 20.51                        | 20.62        | 20.44      |
|                | 25/0           | 21.00        | 20.59                        | 20.66        | 20.59        |                | 50/0           | 21.00        | 20.68                        | 20.75        | 20.68      |
| 16QAM          | 1/0            | 21.00        | 20.62                        | 20.69        | 20.62        | 16QAM          | 1/0            | 21.00        | 20.71                        | 20.78        | 20.71      |
|                | 1/12           | 21.00        | 20.52                        | 20.62        | 20.50        |                | 1/24           | 21.00        | 20.61                        | 20.71        | 20.59      |
|                | 1/24           | 21.00        | 20.45                        | 20.56        | 20.38        |                | 1/49           | 21.00        | 20.54                        | 20.65        | 20.47      |
|                | 12/0           | 20.00        | 19.70                        | 19.77        | 19.70        |                | 25/0           | 20.00        | 19.79                        | 19.86        | 19.79      |
|                | 12/6           | 20.00        | 19.52                        | 19.62        | 19.50        |                | 25/12          | 20.00        | 19.61                        | 19.71        | 19.59      |
|                | 12/11          | 20.00        | 19.45                        | 19.56        | 19.38        |                | 25/25          | 20.00        | 19.54                        | 19.65        | 19.47      |
|                | 25/0           | 20.00        | 19.62                        | 19.69        | 19.62        |                | 50/0           | 20.00        | 19.71                        | 19.78        | 19.71      |
| LTE B48/BW=15M |                |              | Average Conducted Power(dBm) |              |              | LTE B48/BW=20M |                |              | Average Conducted Power(dBm) |              |            |
| Modulation     | RB Size/Offset | Max. Tune-up | Channel/Frequency(MHz)       |              |              | Modulation     | RB Size/Offset | Max. Tune-up | Channel/Frequency(MHz)       |              |            |
|                |                |              | 55315/3557.5                 | 56215/3647.5 | 56665/3692.5 |                |                |              | 55340/3560                   | 56207/3646.7 | 56640/3690 |
| QPSK           | 1/0            | 22.00        | 21.77                        | 21.84        | 21.77        | QPSK           | 1/0            | 22.00        | 21.85                        | 21.92        | 21.85      |
|                | 1/37           | 22.00        | 21.66                        | 21.76        | 21.64        |                | 1/49           | 22.00        | 21.74                        | 21.84        | 21.72      |
|                | 1/74           | 22.00        | 21.57                        | 21.68        | 21.50        |                | 1/99           | 22.00        | 21.65                        | 21.76        | 21.58      |
|                | 36/0           | 21.00        | 20.86                        | 20.93        | 20.86        |                | 50/0           | 21.00        | 20.94                        | 20.91        | 20.94      |
|                | 36/18          | 21.00        | 20.71                        | 20.81        | 20.69        |                | 50/24          | 21.00        | 20.79                        | 20.89        | 20.77      |
|                | 36/35          | 21.00        | 20.64                        | 20.75        | 20.57        |                | 50/49          | 21.00        | 20.72                        | 20.83        | 20.65      |
|                | 75/0           | 21.00        | 20.81                        | 20.88        | 20.81        |                | 100/0          | 21.00        | 20.89                        | 20.96        | 20.89      |
| 16QAM          | 1/0            | 21.00        | 20.84                        | 20.91        | 20.84        | 16QAM          | 1/0            | 21.00        | 20.92                        | 20.99        | 20.92      |
|                | 1/37           | 21.00        | 20.74                        | 20.84        | 20.72        |                | 1/49           | 21.00        | 20.82                        | 20.92        | 20.80      |
|                | 1/74           | 21.00        | 20.67                        | 20.78        | 20.60        |                | 1/99           | 21.00        | 20.75                        | 20.86        | 20.68      |
|                | 36/0           | 20.00        | 19.92                        | 19.99        | 19.92        |                | 50/0           | 20.00        | 19.90                        | 19.87        | 19.86      |
|                | 36/18          | 20.00        | 19.74                        | 19.84        | 19.72        |                | 50/24          | 20.00        | 19.82                        | 19.92        | 19.80      |
|                | 36/35          | 20.00        | 19.67                        | 19.78        | 19.60        |                | 50/49          | 20.00        | 19.75                        | 19.86        | 19.68      |
|                | 75/0           | 20.00        | 19.84                        | 19.91        | 19.84        |                | 100/0          | 20.00        | 19.92                        | 19.99        | 19.92      |

**P-sensor on**

| LTE B48/BW=5M  |                | Average Conducted Power(dBm) |                        |              |              | LTE B48/BW=10M |                | Average Conducted Power(dBm) |                        |              |            |
|----------------|----------------|------------------------------|------------------------|--------------|--------------|----------------|----------------|------------------------------|------------------------|--------------|------------|
| Modulation     | RB Size/Offset | Max. Tune-up                 | Channel/Frequency(MHz) |              |              | Modulation     | RB Size/Offset | Max. Tune-up                 | Channel/Frequency(MHz) |              |            |
|                |                |                              | 55265/3552.5           | 56232/3649.2 | 56715/3697.5 |                |                |                              | 55290/3555             | 56223/3648.3 | 56690/3695 |
| QPSK           | 1/0            | 21.00                        | 20.56                  | 20.60        | 20.58        | QPSK           | 1/0            | 21.00                        | 20.65                  | 20.69        | 20.67      |
|                | 1/12           | 21.00                        | 20.47                  | 20.52        | 20.48        |                | 1/24           | 21.00                        | 20.56                  | 20.61        | 20.57      |
|                | 1/24           | 21.00                        | 20.36                  | 20.43        | 20.41        |                | 1/49           | 21.00                        | 20.45                  | 20.52        | 20.50      |
|                | 12/0           | 20.00                        | 19.65                  | 19.69        | 19.67        |                | 25/0           | 20.00                        | 19.74                  | 19.78        | 19.76      |
|                | 12/6           | 20.00                        | 19.52                  | 19.57        | 19.53        |                | 25/12          | 20.00                        | 19.61                  | 19.66        | 19.62      |
|                | 12/11          | 20.00                        | 19.43                  | 19.50        | 19.48        |                | 25/24          | 20.00                        | 19.52                  | 19.59        | 19.57      |
|                | 25/0           | 20.00                        | 19.60                  | 19.64        | 19.62        |                | 50/0           | 20.00                        | 19.69                  | 19.73        | 19.71      |
| 16QAM          | 1/0            | 20.00                        | 19.63                  | 19.67        | 19.65        | 16QAM          | 1/0            | 20.00                        | 19.72                  | 19.76        | 19.74      |
|                | 1/12           | 20.00                        | 19.55                  | 19.60        | 19.56        |                | 1/24           | 20.00                        | 19.64                  | 19.69        | 19.65      |
|                | 1/24           | 20.00                        | 19.46                  | 19.53        | 19.51        |                | 1/49           | 20.00                        | 19.55                  | 19.62        | 19.60      |
|                | 12/0           | 19.00                        | 18.71                  | 18.75        | 18.73        |                | 25/0           | 19.00                        | 18.80                  | 18.84        | 18.82      |
|                | 12/6           | 19.00                        | 18.55                  | 18.60        | 18.56        |                | 25/12          | 19.00                        | 18.64                  | 18.69        | 18.65      |
|                | 12/11          | 19.00                        | 18.46                  | 18.53        | 18.51        |                | 25/25          | 19.00                        | 18.55                  | 18.62        | 18.60      |
|                | 25/0           | 19.00                        | 18.63                  | 18.67        | 18.65        |                | 50/0           | 19.00                        | 18.72                  | 18.76        | 18.74      |
| LTE B48/BW=15M |                | Average Conducted Power(dBm) |                        |              |              | LTE B48/BW=20M |                | Average Conducted Power(dBm) |                        |              |            |
| Modulation     | RB Size/Offset | Max. Tune-up                 | Channel/Frequency(MHz) |              |              | Modulation     | RB Size/Offset | Max. Tune-up                 | Channel/Frequency(MHz) |              |            |
|                |                |                              | 55315/3557.5           | 56215/3647.5 | 56665/3692.5 |                |                |                              | 55340/3560             | 56207/3646.7 | 56640/3690 |
| QPSK           | 1/0            | 21.00                        | 20.78                  | 20.82        | 20.80        | QPSK           | 1/0            | 21.00                        | 20.86                  | 20.90        | 20.88      |
|                | 1/37           | 21.00                        | 20.69                  | 20.74        | 20.70        |                | 1/49           | 21.00                        | 20.77                  | 20.82        | 20.78      |
|                | 1/74           | 21.00                        | 20.58                  | 20.65        | 20.63        |                | 1/99           | 21.00                        | 20.66                  | 20.73        | 20.71      |
|                | 36/0           | 20.00                        | 19.87                  | 19.91        | 19.89        |                | 50/0           | 20.00                        | 19.95                  | 19.96        | 19.97      |
|                | 36/18          | 20.00                        | 19.74                  | 19.79        | 19.75        |                | 50/24          | 20.00                        | 19.82                  | 19.87        | 19.83      |
|                | 36/35          | 20.00                        | 19.65                  | 19.72        | 19.70        |                | 50/49          | 20.00                        | 19.73                  | 19.80        | 19.78      |
|                | 75/0           | 20.00                        | 19.82                  | 19.86        | 19.84        |                | 100/0          | 20.00                        | 19.90                  | 19.94        | 19.92      |
| 16QAM          | 1/0            | 20.00                        | 19.85                  | 19.89        | 19.87        | 16QAM          | 1/0            | 20.00                        | 19.93                  | 19.97        | 19.95      |
|                | 1/37           | 20.00                        | 19.77                  | 19.82        | 19.78        |                | 1/49           | 20.00                        | 19.85                  | 19.90        | 19.86      |
|                | 1/74           | 20.00                        | 19.68                  | 19.75        | 19.73        |                | 1/99           | 20.00                        | 19.76                  | 19.83        | 19.81      |
|                | 36/0           | 19.00                        | 18.93                  | 18.97        | 18.95        |                | 50/0           | 19.00                        | 18.92                  | 18.95        | 18.93      |
|                | 36/18          | 19.00                        | 18.77                  | 18.82        | 18.78        |                | 50/24          | 19.00                        | 18.85                  | 18.90        | 18.86      |
|                | 36/35          | 19.00                        | 18.68                  | 18.75        | 18.73        |                | 50/49          | 19.00                        | 18.76                  | 18.83        | 18.81      |
|                | 75/0           | 19.00                        | 18.85                  | 18.89        | 18.87        |                | 100/0          | 19.00                        | 18.93                  | 18.97        | 18.95      |

**LTE Band 66**
**P-sensor off**

| LTE B66/BW=1.4M |                | Average Conducted Power(dBm) |                        |               |               | LTE B66/BW=3M  |                | Average Conducted Power(dBm) |                        |               |               |
|-----------------|----------------|------------------------------|------------------------|---------------|---------------|----------------|----------------|------------------------------|------------------------|---------------|---------------|
| Modulation      | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |               |               | Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |               |               |
|                 |                |                              | 131979/1710.7          | 132322/1745.0 | 132664/1779.2 |                |                |                              | 131987/1711.5          | 132322/1745.0 | 132656/1778.4 |
| QPSK            | 1/0            | 21.50                        | 21.00                  | 21.02         | 20.98         | QPSK           | 1/0            | 21.50                        | 21.05                  | 21.07         | 21.03         |
|                 | 1/12           | 21.50                        | 20.94                  | 20.90         | 20.91         |                | 1/12           | 21.50                        | 20.99                  | 20.95         | 20.96         |
|                 | 1/24           | 21.50                        | 20.89                  | 20.83         | 20.84         |                | 1/49           | 21.50                        | 20.94                  | 20.88         | 20.89         |
|                 | 12/0           | 20.50                        | 20.09                  | 20.11         | 20.07         |                | 25/0           | 20.50                        | 20.14                  | 20.16         | 20.12         |
|                 | 12/6           | 20.50                        | 19.99                  | 19.95         | 19.96         |                | 25/12          | 20.50                        | 20.04                  | 20.00         | 20.01         |
|                 | 12/11          | 20.50                        | 19.96                  | 19.90         | 19.91         |                | 25/24          | 20.50                        | 20.01                  | 19.95         | 19.96         |
|                 | 25/0           | 20.50                        | 20.04                  | 20.06         | 20.02         |                | 50/0           | 20.50                        | 20.09                  | 20.11         | 20.07         |
| 16QAM           | 1/0            | 20.50                        | 20.07                  | 20.09         | 20.05         | 16QAM          | 1/0            | 20.50                        | 20.12                  | 20.14         | 20.10         |
|                 | 1/12           | 20.50                        | 20.02                  | 19.98         | 19.99         |                | 1/24           | 20.50                        | 20.07                  | 20.03         | 20.04         |
|                 | 1/24           | 20.50                        | 19.99                  | 19.93         | 19.94         |                | 1/49           | 20.50                        | 20.04                  | 19.98         | 19.99         |
|                 | 12/0           | 19.50                        | 19.15                  | 19.17         | 19.13         |                | 25/0           | 19.50                        | 19.20                  | 19.22         | 19.18         |
|                 | 12/6           | 19.50                        | 19.02                  | 18.98         | 18.99         |                | 25/12          | 19.50                        | 19.07                  | 19.03         | 19.04         |
|                 | 12/11          | 19.50                        | 18.99                  | 18.93         | 18.94         |                | 25/24          | 19.50                        | 19.04                  | 18.98         | 18.99         |
|                 | 25/0           | 19.50                        | 19.07                  | 19.09         | 19.05         |                | 50/0           | 19.50                        | 19.12                  | 19.14         | 19.10         |
| LTE B66/BW=5M   |                | Average Conducted Power(dBm) |                        |               |               | LTE B66/BW=10M |                | Average Conducted Power(dBm) |                        |               |               |
| Modulation      | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |               |               | Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |               |               |
|                 |                |                              | 131997/1712.5          | 132322/1745   | 132647/1777.5 |                |                |                              | 132022/1715            | 132322/1745   | 132621/1775   |
| QPSK            | 1/0            | 21.50                        | 21.13                  | 21.15         | 21.11         | QPSK           | 1/0            | 21.50                        | 21.19                  | 21.21         | 21.17         |
|                 | 1/37           | 21.50                        | 21.07                  | 21.03         | 21.04         |                | 1/49           | 21.50                        | 21.13                  | 21.09         | 21.10         |
|                 | 1/74           | 21.50                        | 21.02                  | 20.96         | 20.97         |                | 1/99           | 21.50                        | 21.08                  | 21.02         | 21.03         |
|                 | 36/0           | 20.50                        | 20.22                  | 20.24         | 20.20         |                | 50/0           | 20.50                        | 20.28                  | 20.30         | 20.26         |
|                 | 36/18          | 20.50                        | 20.12                  | 20.08         | 20.09         |                | 50/24          | 20.50                        | 20.18                  | 20.14         | 20.15         |
|                 | 36/35          | 20.50                        | 20.09                  | 20.03         | 20.04         |                | 50/49          | 20.50                        | 20.15                  | 20.09         | 20.10         |
|                 | 75/0           | 20.50                        | 20.17                  | 20.19         | 20.15         |                | 100/0          | 20.50                        | 20.23                  | 20.25         | 20.21         |
| 16QAM           | 1/0            | 20.50                        | 20.20                  | 20.22         | 20.18         | 16QAM          | 1/0            | 20.50                        | 20.26                  | 20.28         | 20.24         |
|                 | 1/37           | 20.50                        | 20.15                  | 20.11         | 20.12         |                | 1/49           | 20.50                        | 20.21                  | 20.17         | 20.18         |
|                 | 1/74           | 20.50                        | 20.12                  | 20.06         | 20.07         |                | 1/99           | 20.50                        | 20.18                  | 20.12         | 20.13         |
|                 | 36/0           | 19.50                        | 19.28                  | 19.30         | 19.26         |                | 50/0           | 19.50                        | 19.34                  | 19.36         | 19.32         |
|                 | 36/18          | 19.50                        | 19.15                  | 19.11         | 19.12         |                | 50/24          | 19.50                        | 19.21                  | 19.17         | 19.18         |
|                 | 36/35          | 19.50                        | 19.12                  | 19.06         | 19.07         |                | 50/49          | 19.50                        | 19.18                  | 19.12         | 19.13         |
|                 | 75/0           | 19.50                        | 19.20                  | 19.22         | 19.18         |                | 100/0          | 19.50                        | 19.26                  | 19.28         | 19.24         |

| LTE B66/BW=15M |                | Average Conducted Power(dBm) |                        |             |               | LTE B66/BW=20M |                | Average Conducted Power(dBm) |                        |             |             |
|----------------|----------------|------------------------------|------------------------|-------------|---------------|----------------|----------------|------------------------------|------------------------|-------------|-------------|
| Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |             |               | Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |             |             |
|                |                |                              | 132047/1717.5          | 132322/1745 | 132597/1772.5 |                |                |                              | 132072/1720            | 132322/1745 | 132572/1770 |
| QPSK           | 1/0            | 21.50                        | 21.26                  | 21.28       | 21.24         | QPSK           | 1/0            | 21.50                        | 21.34                  | 21.36       | 21.32       |
|                | 1/37           | 21.50                        | 21.20                  | 21.16       | 21.17         |                | 1/49           | 21.50                        | 21.28                  | 21.24       | 21.25       |
|                | 1/74           | 21.50                        | 21.15                  | 21.09       | 21.10         |                | 1/99           | 21.50                        | 21.23                  | 21.17       | 21.18       |
|                | 36/0           | 20.50                        | 20.35                  | 20.37       | 20.33         |                | 50/0           | 20.50                        | 20.43                  | 20.45       | 20.41       |
|                | 36/18          | 20.50                        | 20.25                  | 20.21       | 20.22         |                | 50/24          | 20.50                        | 20.33                  | 20.29       | 20.30       |
|                | 36/35          | 20.50                        | 20.22                  | 20.16       | 20.17         |                | 50/49          | 20.50                        | 20.30                  | 20.24       | 20.25       |
|                | 75/0           | 20.50                        | 20.30                  | 20.32       | 20.28         |                | 100/0          | 20.50                        | 20.38                  | 20.40       | 20.36       |
| 16QAM          | 1/0            | 20.50                        | 20.33                  | 20.35       | 20.31         | 16QAM          | 1/0            | 20.50                        | 20.41                  | 20.43       | 20.39       |
|                | 1/37           | 20.50                        | 20.28                  | 20.24       | 20.25         |                | 1/49           | 20.50                        | 20.36                  | 20.32       | 20.33       |
|                | 1/74           | 20.50                        | 20.25                  | 20.19       | 20.20         |                | 1/99           | 20.50                        | 20.33                  | 20.27       | 20.28       |
|                | 36/0           | 19.50                        | 19.41                  | 19.43       | 19.39         |                | 50/0           | 19.50                        | 19.49                  | 19.45       | 19.47       |
|                | 36/18          | 19.50                        | 19.28                  | 19.24       | 19.25         |                | 50/24          | 19.50                        | 19.36                  | 19.32       | 19.33       |
|                | 36/35          | 19.50                        | 19.25                  | 19.19       | 19.20         |                | 50/49          | 19.50                        | 19.33                  | 19.27       | 19.28       |
|                | 75/0           | 19.50                        | 19.33                  | 19.35       | 19.31         |                | 100/0          | 19.50                        | 19.41                  | 19.43       | 19.39       |

**P-sensor on**

| LTE B66/BW=1.4M |                | Average Conducted Power(dBm) |                        |               |               | LTE B66/BW=3M  |                | Average Conducted Power(dBm) |                        |               |               |
|-----------------|----------------|------------------------------|------------------------|---------------|---------------|----------------|----------------|------------------------------|------------------------|---------------|---------------|
| Modulation      | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |               |               | Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |               |               |
|                 |                |                              | 131979/1710.7          | 132322/1745.0 | 132664/1779.2 |                |                |                              | 131987/1711.5          | 132322/1745.0 | 132656/1778.4 |
| QPSK            | 1/0            | 20.50                        | 20.01                  | 20.03         | 20.00         | QPSK           | 1/0            | 20.50                        | 20.06                  | 20.08         | 20.05         |
|                 | 1/12           | 20.50                        | 19.90                  | 19.95         | 19.92         |                | 1/12           | 20.50                        | 19.95                  | 20.00         | 19.97         |
|                 | 1/24           | 20.50                        | 19.84                  | 19.88         | 19.84         |                | 1/49           | 20.50                        | 19.89                  | 19.93         | 19.89         |
|                 | 12/0           | 19.50                        | 19.10                  | 19.12         | 19.09         |                | 25/0           | 19.50                        | 19.15                  | 19.17         | 19.14         |
|                 | 12/6           | 19.50                        | 18.95                  | 19.00         | 18.97         |                | 25/12          | 19.50                        | 19.00                  | 19.05         | 19.02         |
|                 | 12/11          | 19.50                        | 18.91                  | 18.95         | 18.91         |                | 25/24          | 19.50                        | 18.96                  | 19.00         | 18.96         |
|                 | 25/0           | 19.50                        | 19.05                  | 19.07         | 19.04         |                | 50/0           | 19.50                        | 19.10                  | 19.12         | 19.09         |
| 16QAM           | 1/0            | 19.50                        | 19.08                  | 19.10         | 19.07         | 16QAM          | 1/0            | 19.50                        | 19.13                  | 19.15         | 19.12         |
|                 | 1/12           | 19.50                        | 18.98                  | 19.03         | 19.00         |                | 1/24           | 19.50                        | 19.03                  | 19.08         | 19.05         |
|                 | 1/24           | 19.50                        | 18.94                  | 18.98         | 18.94         |                | 1/49           | 19.50                        | 18.99                  | 19.03         | 18.99         |
|                 | 12/0           | 18.50                        | 18.16                  | 18.18         | 18.15         |                | 25/0           | 18.50                        | 18.21                  | 18.23         | 18.20         |
|                 | 12/6           | 18.50                        | 17.98                  | 18.03         | 18.00         |                | 25/12          | 18.50                        | 18.03                  | 18.08         | 18.05         |
|                 | 12/11          | 18.50                        | 17.94                  | 17.98         | 17.94         |                | 25/24          | 18.50                        | 17.99                  | 18.03         | 17.99         |
|                 | 25/0           | 18.50                        | 18.08                  | 18.10         | 18.07         |                | 50/0           | 18.50                        | 18.13                  | 18.15         | 18.12         |
| LTE B66/BW=5M   |                | Average Conducted Power(dBm) |                        |               |               | LTE B66/BW=10M |                | Average Conducted Power(dBm) |                        |               |               |
| Modulation      | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |               |               | Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |               |               |
|                 |                |                              | 131997/1712.5          | 132322/1745   | 132647/1777.5 |                |                |                              | 132022/1715            | 132322/1745   | 132621/1775   |
| QPSK            | 1/0            | 20.50                        | 20.14                  | 20.16         | 20.13         | QPSK           | 1/0            | 20.50                        | 20.20                  | 20.22         | 20.19         |
|                 | 1/37           | 20.50                        | 20.03                  | 20.08         | 20.05         |                | 1/49           | 20.50                        | 20.09                  | 20.14         | 20.11         |
|                 | 1/74           | 20.50                        | 19.97                  | 20.01         | 19.97         |                | 1/99           | 20.50                        | 20.03                  | 20.07         | 20.03         |
|                 | 36/0           | 19.50                        | 19.23                  | 19.25         | 19.22         |                | 50/0           | 19.50                        | 19.29                  | 19.31         | 19.28         |
|                 | 36/18          | 19.50                        | 19.08                  | 19.13         | 19.10         |                | 50/24          | 19.50                        | 19.14                  | 19.19         | 19.16         |
|                 | 36/35          | 19.50                        | 19.04                  | 19.08         | 19.04         |                | 50/49          | 19.50                        | 19.10                  | 19.14         | 19.10         |
|                 | 75/0           | 19.50                        | 19.18                  | 19.20         | 19.17         |                | 100/0          | 19.50                        | 19.24                  | 19.26         | 19.23         |
| 16QAM           | 1/0            | 19.50                        | 19.21                  | 19.23         | 19.20         | 16QAM          | 1/0            | 19.50                        | 19.27                  | 19.29         | 19.26         |
|                 | 1/37           | 19.50                        | 19.11                  | 19.16         | 19.13         |                | 1/49           | 19.50                        | 19.17                  | 19.22         | 19.19         |
|                 | 1/74           | 19.50                        | 19.07                  | 19.11         | 19.07         |                | 1/99           | 19.50                        | 19.13                  | 19.17         | 19.13         |
|                 | 36/0           | 18.50                        | 18.29                  | 18.31         | 18.28         |                | 50/0           | 18.50                        | 18.35                  | 18.37         | 18.34         |
|                 | 36/18          | 18.50                        | 18.11                  | 18.16         | 18.13         |                | 50/24          | 18.50                        | 18.17                  | 18.22         | 18.19         |
|                 | 36/35          | 18.50                        | 18.07                  | 18.11         | 18.07         |                | 50/49          | 18.50                        | 18.13                  | 18.17         | 18.13         |
|                 | 75/0           | 18.50                        | 18.21                  | 18.23         | 18.20         |                | 100/0          | 18.50                        | 18.27                  | 18.29         | 18.26         |

| LTE B66/BW=15M |                | Average Conducted Power(dBm) |                        |             |               | LTE B66/BW=20M |                | Average Conducted Power(dBm) |                        |             |             |
|----------------|----------------|------------------------------|------------------------|-------------|---------------|----------------|----------------|------------------------------|------------------------|-------------|-------------|
| Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |             |               | Modulation     | RB Size/Offset | Max. Tune-up (dBm)           | Channel/Frequency(MHz) |             |             |
|                |                |                              | 132047/1717.5          | 132322/1745 | 132597/1772.5 |                |                |                              | 132072/1720            | 132322/1745 | 132572/1770 |
| QPSK           | 1/0            | 20.50                        | 20.27                  | 20.29       | 20.26         | QPSK           | 1/0            | 20.50                        | 20.35                  | 20.37       | 20.34       |
|                | 1/37           | 20.50                        | 20.16                  | 20.21       | 20.18         |                | 1/49           | 20.50                        | 20.24                  | 20.29       | 20.26       |
|                | 1/74           | 20.50                        | 20.10                  | 20.14       | 20.10         |                | 1/99           | 20.50                        | 20.18                  | 20.22       | 20.18       |
|                | 36/0           | 19.50                        | 19.36                  | 19.38       | 19.35         |                | 50/0           | 19.50                        | 19.44                  | 19.46       | 19.43       |
|                | 36/18          | 19.50                        | 19.21                  | 19.26       | 19.23         |                | 50/24          | 19.50                        | 19.29                  | 19.34       | 19.31       |
|                | 36/35          | 19.50                        | 19.17                  | 19.21       | 19.17         |                | 50/49          | 19.50                        | 19.25                  | 19.29       | 19.25       |
|                | 75/0           | 19.50                        | 19.31                  | 19.33       | 19.30         |                | 100/0          | 19.50                        | 19.39                  | 19.41       | 19.38       |
| 16QAM          | 1/0            | 19.50                        | 19.34                  | 19.36       | 19.33         | 16QAM          | 1/0            | 19.50                        | 19.42                  | 19.44       | 19.41       |
|                | 1/37           | 19.50                        | 19.24                  | 19.29       | 19.26         |                | 1/49           | 19.50                        | 19.32                  | 19.37       | 19.34       |
|                | 1/74           | 19.50                        | 19.20                  | 19.24       | 19.20         |                | 1/99           | 19.50                        | 19.28                  | 19.32       | 19.28       |
|                | 36/0           | 18.50                        | 18.42                  | 18.44       | 18.41         |                | 50/0           | 18.50                        | 18.44                  | 18.47       | 18.49       |
|                | 36/18          | 18.50                        | 18.24                  | 18.29       | 18.26         |                | 50/24          | 18.50                        | 18.32                  | 18.37       | 18.34       |
|                | 36/35          | 18.50                        | 18.20                  | 18.24       | 18.20         |                | 50/49          | 18.50                        | 18.28                  | 18.32       | 18.28       |
|                | 75/0           | 18.50                        | 18.34                  | 18.36       | 18.33         |                | 100/0          | 18.50                        | 18.42                  | 18.44       | 18.41       |

# LTE Band 71

## P-sensor off

| LTE B71/BW=5M  |                | Average Conducted Power(dBm) |                        |              |              | LTE B71/BW=10M |                | Average Conducted Power(dBm) |                        |              |            |
|----------------|----------------|------------------------------|------------------------|--------------|--------------|----------------|----------------|------------------------------|------------------------|--------------|------------|
| Modulation     | RB Size/Offset | Max. Tune-up                 | Channel/Frequency(MHz) |              |              | Modulation     | RB Size/Offset | Max. Tune-up                 | Channel/Frequency(MHz) |              |            |
|                |                |                              | 133147/665.5           | 133297/680.5 | 133447/695.5 |                |                |                              | 133172/668             | 133297/680.5 | 133422/693 |
| QPSK           | 1/0            | 25.00                        | 24.62                  | 24.66        | 24.64        | QPSK           | 1/0            | 25.00                        | 24.68                  | 24.72        | 24.70      |
|                | 1/12           | 25.00                        | 24.53                  | 24.56        | 24.51        |                | 1/24           | 25.00                        | 24.59                  | 24.62        | 24.57      |
|                | 1/24           | 25.00                        | 24.45                  | 24.48        | 24.44        |                | 1/49           | 25.00                        | 24.51                  | 24.54        | 24.50      |
|                | 12/0           | 24.00                        | 23.71                  | 23.75        | 23.73        |                | 25/0           | 24.00                        | 23.77                  | 23.81        | 23.79      |
|                | 12/6           | 24.00                        | 23.58                  | 23.61        | 23.56        |                | 25/12          | 24.00                        | 23.64                  | 23.67        | 23.62      |
|                | 12/11          | 24.00                        | 23.52                  | 23.55        | 23.51        |                | 25/24          | 24.00                        | 23.58                  | 23.61        | 23.57      |
|                | 25/0           | 24.00                        | 23.66                  | 23.70        | 23.68        |                | 50/0           | 24.00                        | 23.72                  | 23.76        | 23.74      |
| 16QAM          | 1/0            | 24.00                        | 23.69                  | 23.73        | 23.71        | 16QAM          | 1/0            | 24.00                        | 23.75                  | 23.79        | 23.77      |
|                | 1/12           | 24.00                        | 23.61                  | 23.64        | 23.59        |                | 1/24           | 24.00                        | 23.67                  | 23.70        | 23.65      |
|                | 1/24           | 24.00                        | 23.55                  | 23.58        | 23.54        |                | 1/49           | 24.00                        | 23.61                  | 23.64        | 23.60      |
|                | 12/0           | 23.00                        | 22.77                  | 22.81        | 22.79        |                | 25/0           | 23.00                        | 22.83                  | 22.87        | 22.85      |
|                | 12/6           | 23.00                        | 22.61                  | 22.64        | 22.59        |                | 25/12          | 23.00                        | 22.67                  | 22.70        | 22.65      |
|                | 12/11          | 23.00                        | 22.55                  | 22.58        | 22.54        |                | 25/25          | 23.00                        | 22.61                  | 22.64        | 22.60      |
|                | 25/0           | 23.00                        | 22.69                  | 22.73        | 22.71        |                | 50/0           | 23.00                        | 22.75                  | 22.79        | 22.77      |
| LTE B71/BW=15M |                | Average Conducted Power(dBm) |                        |              |              | LTE B71/BW=20M |                | Average Conducted Power(dBm) |                        |              |            |
| Modulation     | RB Size/Offset | Max. Tune-up                 | Channel/Frequency(MHz) |              |              | Modulation     | RB Size/Offset | Max. Tune-up                 | Channel/Frequency(MHz) |              |            |
|                |                |                              | 133197/670.5           | 133297/680.5 | 133397/690.5 |                |                |                              | 133222/673             | 133297/680.5 | 133372/688 |
| QPSK           | 1/0            | 25.00                        | 24.75                  | 24.79        | 24.77        | QPSK           | 1/0            | 25.00                        | 24.83                  | 24.87        | 24.85      |
|                | 1/37           | 25.00                        | 24.66                  | 24.69        | 24.64        |                | 1/49           | 25.00                        | 24.74                  | 24.77        | 24.72      |
|                | 1/74           | 25.00                        | 24.58                  | 24.61        | 24.57        |                | 1/99           | 25.00                        | 24.66                  | 24.69        | 24.65      |
|                | 36/0           | 24.00                        | 23.84                  | 23.88        | 23.86        |                | 50/0           | 24.00                        | 23.92                  | 23.96        | 23.94      |
|                | 36/18          | 24.00                        | 23.71                  | 23.74        | 23.69        |                | 50/24          | 24.00                        | 23.79                  | 23.82        | 23.77      |
|                | 36/35          | 24.00                        | 23.65                  | 23.68        | 23.64        |                | 50/49          | 24.00                        | 23.73                  | 23.76        | 23.72      |
|                | 75/0           | 24.00                        | 23.79                  | 23.83        | 23.81        |                | 100/0          | 24.00                        | 23.87                  | 23.91        | 23.89      |
| 16QAM          | 1/0            | 24.00                        | 23.82                  | 23.86        | 23.84        | 16QAM          | 1/0            | 24.00                        | 23.90                  | 23.94        | 23.92      |
|                | 1/37           | 24.00                        | 23.74                  | 23.77        | 23.72        |                | 1/49           | 24.00                        | 23.82                  | 23.85        | 23.80      |
|                | 1/74           | 24.00                        | 23.68                  | 23.71        | 23.67        |                | 1/99           | 24.00                        | 23.76                  | 23.79        | 23.75      |
|                | 36/0           | 23.00                        | 22.90                  | 22.94        | 22.92        |                | 50/0           | 23.00                        | 22.98                  | 22.96        | 22.94      |
|                | 36/18          | 23.00                        | 22.74                  | 22.77        | 22.72        |                | 50/24          | 23.00                        | 22.82                  | 22.85        | 22.80      |
|                | 36/35          | 23.00                        | 22.68                  | 22.71        | 22.67        |                | 50/49          | 23.00                        | 22.76                  | 22.79        | 22.75      |
|                | 75/0           | 23.00                        | 22.82                  | 22.86        | 22.84        |                | 100/0          | 23.00                        | 22.90                  | 22.94        | 22.92      |

**P-sensor on**

| LTE B71/BW=5M  |                | Average Conducted Power(dBm) |                        |              |              | LTE B71/BW=10M |                | Average Conducted Power(dBm) |                        |              |            |
|----------------|----------------|------------------------------|------------------------|--------------|--------------|----------------|----------------|------------------------------|------------------------|--------------|------------|
| Modulation     | RB Size/Offset | Max. Tune-up                 | Channel/Frequency(MHz) |              |              | Modulation     | RB Size/Offset | Max. Tune-up                 | Channel/Frequency(MHz) |              |            |
|                |                |                              | 133147/665.5           | 133297/680.5 | 133447/695.5 |                |                |                              | 133172/668             | 133297/680.5 | 133422/693 |
| QPSK           | 1/0            | 23.00                        | 22.64                  | 22.67        | 22.65        | QPSK           | 1/0            | 23.00                        | 22.70                  | 22.73        | 22.71      |
|                | 1/12           | 23.00                        | 22.53                  | 22.51        | 22.49        |                | 1/24           | 23.00                        | 22.59                  | 22.57        | 22.55      |
|                | 1/24           | 23.00                        | 22.44                  | 22.46        | 22.40        |                | 1/49           | 23.00                        | 22.50                  | 22.52        | 22.46      |
|                | 12/0           | 22.00                        | 21.73                  | 21.76        | 21.74        |                | 25/0           | 22.00                        | 21.79                  | 21.82        | 21.80      |
|                | 12/6           | 22.00                        | 21.58                  | 21.56        | 21.54        |                | 25/12          | 22.00                        | 21.64                  | 21.62        | 21.60      |
|                | 12/11          | 22.00                        | 21.51                  | 21.53        | 21.47        |                | 25/24          | 22.00                        | 21.57                  | 21.59        | 21.53      |
|                | 25/0           | 22.00                        | 21.68                  | 21.71        | 21.69        |                | 50/0           | 22.00                        | 21.74                  | 21.77        | 21.75      |
| 16QAM          | 1/0            | 22.00                        | 21.71                  | 21.74        | 21.72        | 16QAM          | 1/0            | 22.00                        | 21.77                  | 21.80        | 21.78      |
|                | 1/12           | 22.00                        | 21.61                  | 21.59        | 21.57        |                | 1/24           | 22.00                        | 21.67                  | 21.65        | 21.63      |
|                | 1/24           | 22.00                        | 21.54                  | 21.56        | 21.50        |                | 1/49           | 22.00                        | 21.60                  | 21.62        | 21.56      |
|                | 12/0           | 21.00                        | 20.79                  | 20.82        | 20.80        |                | 25/0           | 21.00                        | 20.85                  | 20.88        | 20.86      |
|                | 12/6           | 21.00                        | 20.61                  | 20.59        | 20.57        |                | 25/12          | 21.00                        | 20.67                  | 20.65        | 20.63      |
|                | 12/11          | 21.00                        | 20.54                  | 20.56        | 20.50        |                | 25/25          | 21.00                        | 20.60                  | 20.62        | 20.56      |
|                | 25/0           | 21.00                        | 20.71                  | 20.74        | 20.72        |                | 50/0           | 21.00                        | 20.77                  | 20.80        | 20.78      |
| LTE B71/BW=15M |                | Average Conducted Power(dBm) |                        |              |              | LTE B71/BW=20M |                | Average Conducted Power(dBm) |                        |              |            |
| Modulation     | RB Size/Offset | Max. Tune-up                 | Channel/Frequency(MHz) |              |              | Modulation     | RB Size/Offset | Max. Tune-up                 | Channel/Frequency(MHz) |              |            |
|                |                |                              | 133197/670.5           | 133297/680.5 | 133397/690.5 |                |                |                              | 133222/673             | 133297/680.5 | 133372/688 |
| QPSK           | 1/0            | 23.00                        | 22.77                  | 22.80        | 22.78        | QPSK           | 1/0            | 23.00                        | 22.85                  | 22.88        | 22.86      |
|                | 1/37           | 23.00                        | 22.66                  | 22.64        | 22.62        |                | 1/49           | 23.00                        | 22.74                  | 22.72        | 22.70      |
|                | 1/74           | 23.00                        | 22.57                  | 22.59        | 22.53        |                | 1/99           | 23.00                        | 22.65                  | 22.67        | 22.61      |
|                | 36/0           | 22.00                        | 21.86                  | 21.89        | 21.87        |                | 50/0           | 22.00                        | 21.94                  | 21.97        | 21.95      |
|                | 36/18          | 22.00                        | 21.71                  | 21.69        | 21.67        |                | 50/24          | 22.00                        | 21.79                  | 21.77        | 21.75      |
|                | 36/35          | 22.00                        | 21.64                  | 21.66        | 21.60        |                | 50/49          | 22.00                        | 21.72                  | 21.74        | 21.68      |
|                | 75/0           | 22.00                        | 21.81                  | 21.84        | 21.82        |                | 100/0          | 22.00                        | 21.89                  | 21.92        | 21.90      |
| 16QAM          | 1/0            | 22.00                        | 21.84                  | 21.87        | 21.85        | 16QAM          | 1/0            | 22.00                        | 21.92                  | 21.95        | 21.93      |
|                | 1/37           | 22.00                        | 21.74                  | 21.72        | 21.70        |                | 1/49           | 22.00                        | 21.82                  | 21.80        | 21.78      |
|                | 1/74           | 22.00                        | 21.67                  | 21.69        | 21.63        |                | 1/99           | 22.00                        | 21.75                  | 21.77        | 21.71      |
|                | 36/0           | 21.00                        | 20.92                  | 20.95        | 20.93        |                | 50/0           | 21.00                        | 21.00                  | 21.03        | 21.01      |
|                | 36/18          | 21.00                        | 20.74                  | 20.72        | 20.70        |                | 50/24          | 21.00                        | 20.82                  | 20.80        | 20.78      |
|                | 36/35          | 21.00                        | 20.67                  | 20.69        | 20.63        |                | 50/49          | 21.00                        | 20.75                  | 20.77        | 20.71      |
|                | 75/0           | 21.00                        | 20.84                  | 20.87        | 20.85        |                | 100/0          | 21.00                        | 20.92                  | 20.95        | 20.93      |

### 9.3 Conducted power measurement results of Bluetooth

| Band | Mode | Channel | Frequency (MHz) | Max Power (dBm) | AVG Power (dBm) |
|------|------|---------|-----------------|-----------------|-----------------|
| BR   | DH5  | 0       | 2402            | 14.50           | Not Require     |
|      |      | 39      | 2441            | 14.50           |                 |
|      |      | 78      | 2480            | 14.50           |                 |
| EDR  | 3DH5 | 0       | 2402            | 11.50           |                 |
|      |      | 39      | 2441            | 11.50           |                 |
|      |      | 78      | 2480            | 11.50           |                 |
| BLE  | 1M   | 0       | 2402            | 10.50           |                 |
|      |      | 19      | 2440            | 10.50           |                 |
|      |      | 39      | 2480            | 10.50           |                 |
|      | 2M   | 0       | 2402            | 10.50           |                 |
|      |      | 19      | 2440            | 10.50           |                 |
|      |      | 39      | 2480            | 10.50           |                 |

Note:

1.WLAN antenna distance is > 20cm, so SAR testing are not require

#### 9.4 Conducted power measurements of Wi-Fi 2.4GHz Band

| Band | Mode       | Channel | Frequency (MHz) | Data Rate | Max Tune-Up Power (dBm) | AVG Power (dBm) |     |
|------|------------|---------|-----------------|-----------|-------------------------|-----------------|-----|
|      |            |         |                 |           |                         | Main            | Aux |
| 2.4G | 802.11b    | 1-13    | 2412-2462       | 1         | 20.00                   | Not Required    |     |
|      | 802.11g    | 1-13    | 2412-2462       | 6         | 20.00                   |                 |     |
|      | 802.11n20  | 1-13    | 2412-2462       | HT0       | 20.00                   |                 |     |
|      | 802.11n40  | 3-11    | 2422-2452       | HT0       | 17.00                   |                 |     |
|      | 802.11ax20 | 1-13    | 2412-2462       | HE0       | 20.00                   |                 |     |
|      | 802.11ax40 | 3-11    | 2422-2452       | HE0       | 17.00                   |                 |     |

Note:

- 1.WLAN antenna distance is > 20cm, so SAR testing are not require

### 9.5 Conducted power measurements of 5G UNII\_1

| Band   | Mode        | Channel | Frequency (MHz) | Data Rate | Max Tune-Up Power (dBm) | AVG Power (dBm) |     |
|--------|-------------|---------|-----------------|-----------|-------------------------|-----------------|-----|
|        |             |         |                 |           |                         | Main            | Aux |
| UNII_1 | 802.11a     | 36-48   | 5180-5240       | 6         | 19.50                   | Not Required    |     |
|        | 802.11 n20  | 36-48   | 5180-5240       | HT0       | 18.00                   |                 |     |
|        | 802.11 n40  | 38-46   | 5190-5230       | HT0       | 17.50                   |                 |     |
|        | 802.11 ac80 | 42      | 5210            | VHT0      | 15.00                   |                 |     |
|        | 802.11 ax20 | 36-48   | 5180-5240       | HE0       | 18.00                   |                 |     |
|        | 802.11 ax40 | 38-46   | 5190-5230       | HE0       | 17.50                   |                 |     |
|        | 802.11 ax80 | 42      | 5210            | HE0       | 15.00                   |                 |     |

Note:

- 1.WLAN antenna distance is > 20cm, so SAR testing are not require

### 9.6 CONDUCTED POWER MEASUREMENTS OF 5G UNII\_2A

| Band    | Mode         | Channel | Frequency (MHz) | Data Rate | Max Tune-Up Power (dBm) | AVG Power (dBm) |     |
|---------|--------------|---------|-----------------|-----------|-------------------------|-----------------|-----|
|         |              |         |                 |           |                         | Main            | Aux |
| UNII_2a | 802.11a      | 52-64   | 5260-5320       | 6         | 19.50                   | Not Required    |     |
|         | 802.11 n20   | 52-64   | 5260-5320       | HT0       | 18.00                   |                 |     |
|         | 802.11 n40   | 54-62   | 5270-5310       | HT0       | 17.50                   |                 |     |
|         | 802.11 ac80  | 58      | 5290            | VHT0      | 15.00                   |                 |     |
|         | 802.11 ac160 | 50      | 5250            | VHT0      | 10.00                   |                 |     |
|         | 802.11 ax20  | 52-64   | 5260-5320       | HE0       | 18.00                   |                 |     |
|         | 802.11 ax40  | 54-62   | 5270-5310       | HE0       | 17.50                   |                 |     |
|         | 802.11 ax80  | 58      | 5290            | HE0       | 15.00                   |                 |     |
|         | 802.11 ax160 | 50      | 5250            | HE0       | 10.00                   |                 |     |

Note:

- 1.WLAN antenna distance is > 20cm, so SAR testing are not require

## 9.7 CONDUCTED POWER MEASUREMENTS OF 5G UNII\_2C

| Band    | Mode         | Channel | Frequency (MHz) | Data Rate | Max Tune-Up Power (dBm) | AVG Power (dBm) |     |
|---------|--------------|---------|-----------------|-----------|-------------------------|-----------------|-----|
|         |              |         |                 |           |                         | Main            | Aux |
| UNII_2c | 802.11a      | 100-140 | 5500-5700       | 6         | 18.00                   | Not Required    |     |
|         | 802.11 n20   | 100-140 | 5500-5700       | HT0       | 18.00                   |                 |     |
|         | 802.11 n40   | 102-134 | 5510-5670       | HT0       | 17.50                   |                 |     |
|         | 802.11 ac80  | 106-122 | 5530-5610       | VHT0      | 17.00                   |                 |     |
|         | 802.11 ac160 | 114     | 5570            | VHT0      | 14.00                   |                 |     |
|         | 802.11 ax20  | 100-128 | 5500-5640       | HE0       | 18.00                   |                 |     |
|         | 802.11 ax40  | 102-126 | 5510-5630       | HE0       | 17.50                   |                 |     |
|         | 802.11 ax80  | 106-122 | 5530-5610       | HE0       | 17.00                   |                 |     |
|         | 802.11 ax160 | 114     | 5570            | HE0       | 14.00                   |                 |     |

Note:

1.WLAN antenna distance is > 20cm, so SAR testing are not require

## 9.8 CONDUCTED POWER MEASUREMENTS OF 5G UNII\_3

| Band       | Mode        | Channel | Frequency (MHz) | Data Rate | Max Tune-Up Power (dBm) | AVG Power (dBm) |     |
|------------|-------------|---------|-----------------|-----------|-------------------------|-----------------|-----|
|            |             |         |                 |           |                         | Main            | Aux |
| 5.8 UNII_3 | 802.11a     | 149-165 | 5745-5825       | 6         | 19.50                   | Not Required    |     |
|            | 802.11 n20  | 149-165 | 5745-5825       | HT0       | 18.00                   |                 |     |
|            | 802.11 n40  | 151-159 | 5755-5795       | HT0       | 17.00                   |                 |     |
|            | 802.11 ac80 | 155     | 5775            | VHT0      | 17.00                   |                 |     |
|            | 802.11 ax20 | 149-165 | 5745-5825       | HE0       | 18.00                   |                 |     |
|            | 802.11 ax40 | 134     | 5670            | HE0       | 17.00                   |                 |     |
|            | 802.11 ax80 | 142     | 5710            | HE0       | 17.00                   |                 |     |
|            |             |         |                 |           |                         |                 |     |

Note:

1.WLAN antenna distance is > 20cm, so SAR testing are not require .

## 9.9 CONDUCTED POWER MEASUREMENTS OF 6E UNII\_5

| Band          | Mode         | Channel | Frequency (MHz) | Data Rate | Max Tune-Up Power (dBm) | AVG Power (dBm) |     |
|---------------|--------------|---------|-----------------|-----------|-------------------------|-----------------|-----|
|               |              |         |                 |           |                         | Main            | Aux |
| 6.2<br>UNII_5 | 802.11a      | 1 - 93  | 5955 - 6415     | 6         | 17.00                   | Not Required    |     |
|               | 802.11 ax20  | 1 - 93  | 5955 - 6415     | HE0       | 17.00                   |                 |     |
|               | 802.11 ax40  | 3 - 43  | 5965 - 6165     | HE0       | 17.00                   |                 |     |
|               | 802.11 ax80  | 7 - 87  | 5985 - 6385     | HE0       | 16.00                   |                 |     |
|               | 802.11 ax160 | 15 - 79 | 6025 - 6345     | HE0       | 15.50                   |                 |     |

Note:

1.WLAN antenna distance is > 20cm, so SAR testing are not require .

## 9.10 CONDUCTED POWER MEASUREMENTS OF 6E UNII\_6

| Band          | Mode         | Channel   | Frequency (MHz) | Data Rate | Max Tune-Up Power (dBm) | AVG Power (dBm) |     |
|---------------|--------------|-----------|-----------------|-----------|-------------------------|-----------------|-----|
|               |              |           |                 |           |                         | Main            | Aux |
| 6.5<br>UNII_6 | 802.11a      | 97 - 113  | 6435 - 6515     | 6         | 17.00                   | Not Required    |     |
|               | 802.11 ax20  | 97 - 113  | 6435 - 6515     | HE0       | 17.00                   |                 |     |
|               | 802.11 ax40  | 99 - 107  | 6445 - 6485     | HE0       | 17.00                   |                 |     |
|               | 802.11 ax80  | 103 - 119 | 6465 - 6545     | HE0       | 16.00                   |                 |     |
|               | 802.11 ax160 | 111       | 6505            | HE0       | 16.00                   |                 |     |

Note:

1.WLAN antenna distance is > 20cm, so SAR testing are not require .

### 9.11 CONDUCTED POWER MEASUREMENTS OF 6E UNII\_7

| Band          | Mode         | Channel   | Frequency (MHz) | Data Rate | Max Tune-Up Power (dBm) | AVG Power (dBm) |     |
|---------------|--------------|-----------|-----------------|-----------|-------------------------|-----------------|-----|
|               |              |           |                 |           |                         | Main            | Aux |
| 6.7<br>UNII_7 | 802.11a      | 117 - 181 | 6535 - 6855     | 6         | 17.00                   | Not Required    |     |
|               | 802.11 ax20  | 117 - 181 | 6535 - 6855     | HE0       | 17.00                   |                 |     |
|               | 802.11 ax40  | 115 - 179 | 6525 - 6845     | HE0       | 17.00                   |                 |     |
|               | 802.11 ax80  | 135 - 167 | 6625 - 6785     | HE0       | 16.00                   |                 |     |
|               | 802.11 ax160 | 143       | 6665            | HE0       | 16.00                   |                 |     |

Note:

- 1.WLAN antenna distance is > 20cm, so SAR testing are not require .

### 9.12 CONDUCTED POWER MEASUREMENTS OF 6E UNII\_8

| Band        | Mode         | Channel   | Frequency (MHz) | Data Rate | Max Tune-Up Power (dBm) | AVG Power (dBm) |     |
|-------------|--------------|-----------|-----------------|-----------|-------------------------|-----------------|-----|
|             |              |           |                 |           |                         | Main            | Aux |
| 7<br>UNII_8 | 802.11a      | 185 - 233 | 6875 - 7115     | 6         | 17.00                   | Not Required    |     |
|             | 802.11 ax20  | 185 - 233 | 6875 - 7115     | HE0       | 17.00                   |                 |     |
|             | 802.11 ax40  | 187 - 227 | 6885 - 7085     | HE0       | 17.00                   |                 |     |
|             | 802.11 ax80  | 183 - 215 | 6865 - 7025     | HE0       | 16.00                   |                 |     |
|             | 802.11 ax160 | 207       | 6985            | HE0       | 16.00                   |                 |     |

Note:

- 1.WLAN antenna distance is > 20cm, so SAR testing are not require .

### 9.13 SAR TEST RESULTS

**General Notes:**

Per KDB447498 D01, all measurement SAR results are scaled to the maximum tune-up tolerance limit to demonstrate compliant.

Per KDB447498 D01, testing of other required channels within the operating mode of a frequency band is not required when the reported 1-g or 10-g SAR for the mid-band or highest output power channel is:  $\leq 0.8$  W/kg or 2.0 W/kg, for 1-g or 10-g respectively, when the transmission band is  $\leq 100$  MHz. When the maximum output power variation across the required test channels is  $> \frac{1}{2}$  dB, instead of the middle channel, the highest output power channel must be used.

Per KDB865664 D01, for each frequency band, repeated SAR measurement is required only when the measured SAR is  $\geq 0.8$  W/kg; if the deviation among the repeated measurement is  $\leq 20\%$ , and the measured SAR  $< 1.45$  W/kg, only one repeated measurement is required.

## 10. SAR TEST RESULTS

### 10.1. Body SAR test result

#### SAR test results of WWAN

##### WCDMA

| P-Sensor | Band         | Mode     | channel | distance (mm) | Test Position | Max Tune-up (dBm) | AVG Power (dBm) | Area Scan | SAR 1g | Reported SAR 1g | Note |
|----------|--------------|----------|---------|---------------|---------------|-------------------|-----------------|-----------|--------|-----------------|------|
| on       | UMTS Band II | RMC12.2K | 9400    | 0             | Bottom        | 23.00             | 22.92           | 0.913     | 0.934  | 0.951           |      |
|          |              | RMC12.2K | 9262    | 0             | Bottom        | 23.00             | 22.89           | 0.917     | 0.930  | <b>0.954</b>    | 1    |
|          |              | RMC12.2K | 9538    | 0             | Bottom        | 23.00             | 22.90           | 0.896     | 0.913  | 0.934           | 1    |
| off      |              | RMC12.2K | 9400    | 14            | Bottom        | 24.50             | 24.39           | 0.393     | 0.408  | 0.418           |      |
| on       | UMTS Band IV | RMC12.2K | 1413    | 0             | Bottom        | 23.00             | 22.89           | 0.868     | 0.892  | 0.915           |      |
|          |              | RMC12.2K | 1312    | 0             | Bottom        | 23.00             | 22.86           | 0.848     | 0.860  | 0.888           | 1    |
|          |              | RMC12.2K | 1513    | 0             | Bottom        | 23.00             | 22.88           | 0.960     | 0.977  | <b>1.004</b>    | 1    |
|          |              | RMC12.2K | 1513    | 0             | Bottom        | 23.00             | 22.88           | 0.875     | 0.913  | 0.939           | 2    |
| off      |              | RMC12.2K | 1413    | 14            | Bottom        | 24.50             | 24.42           | 0.408     | 0.425  | 0.433           |      |
| on       | UMTS Band V  | RMC12.2K | 4182    | 0             | Bottom        | 23.00             | 22.91           | 0.495     | 0.502  | <b>0.513</b>    |      |
|          |              | RMC12.2K | 4132    | 0             | Bottom        | 23.00             | 22.86           | 0.483     | 0.485  | 0.501           |      |
|          |              | RMC12.2K | 4233    | 0             | Bottom        | 23.00             | 22.88           | 0.490     | 0.494  | 0.508           |      |
|          |              | RMC12.2K | 4182    | 14            | Bottom        | 24.50             | 24.40           | 0.198     | 0.212  | 0.217           |      |

Note:

- Highest reported SAR is > 0.8 W/kg. Added second highest power channel for this test position
  - Repeated measurements are required only when the measured SAR is  $\geq 0.80$  W/kg. If the measured SAR values are < 1.45 W/kg with  $\leq 20\%$  variation, only one repeated measurement is required to reaffirm that the results are not expected to have substantial variations, which may introduce significant compliance concerns. (Per KDB 865664 D01 SAR measurement 100 MHz to 6 GHz v01r04)
- Original SAR = 0.977 W/kg, therefore second times repeat SAR is required.  
Repeat SAR = 0.913 W/kg < 1.45W/kg  
SAR variation= -6.55% < 20%

# LTE

| P-sensor | Band       | Mode    | channel | RB  | Offset | distance (mm) | Test Position | Max Tune-up (dBm) | AVG Power (dBm) | Area Scan | SAR 1g | Reported SAR 1g | Note |
|----------|------------|---------|---------|-----|--------|---------------|---------------|-------------------|-----------------|-----------|--------|-----------------|------|
| on       | LTE Band 2 | QPSK20M | 18900   | 1   | 0      | 0             | Bottom        | 23.00             | 22.90           | 0.767     | 0.755  | 0.773           |      |
|          |            | QPSK20M | 18700   | 1   | 0      | 0             | Bottom        | 23.00             | 22.88           | 0.901     | 0.889  | <b>0.914</b>    | 1    |
|          |            | QPSK20M | 19100   | 1   | 0      | 0             | Bottom        | 23.00             | 22.85           | 0.800     | 0.789  | 0.817           | 1    |
|          |            | QPSK20M | 18900   | 1   | 49     | 0             | Bottom        | 23.00             | 22.82           | 0.721     | 0.734  | 0.765           | 1    |
|          |            | QPSK20M | 18900   | 1   | 99     | 0             | Bottom        | 23.00             | 22.73           | 0.726     | 0.731  | 0.778           | 1    |
|          |            | QPSK20M | 18900   | 100 | 0      | 0             | Bottom        | 22.00             | 21.94           | 0.602     | 0.608  | 0.616           | 1    |
| off      |            | QPSK20M | 18900   | 1   | 0      | 14            | Bottom        | 24.00             | 23.88           | 0.323     | 0.324  | 0.333           |      |
| on       | LTE Band 2 | QPSK20M | 18900   | 50  | 0      | 0             | Bottom        | 22.00             | 21.99           | 0.563     | 0.565  | 0.566           |      |
| off      |            | QPSK20M | 18900   | 50  | 0      | 14            | Bottom        | 23.00             | 22.97           | 0.224     | 0.236  | 0.238           |      |

| P-sensor | Band       | Mode    | channel | RB  | Offset | distance (mm) | Test Position | Max Tune-up (dBm) | AVG Power (dBm) | Area Scan | SAR 1g | Reported SAR 1g | Note |
|----------|------------|---------|---------|-----|--------|---------------|---------------|-------------------|-----------------|-----------|--------|-----------------|------|
| on       | LTE Band 4 | QPSK20M | 20175   | 1   | 0      | 0             | Bottom        | 23.00             | 22.89           | 0.923     | 0.923  | 0.947           |      |
|          |            | QPSK20M | 20050   | 1   | 0      | 0             | Bottom        | 23.00             | 22.87           | 0.880     | 0.884  | 0.911           | 1    |
|          |            | QPSK20M | 20300   | 1   | 0      | 0             | Bottom        | 23.00             | 22.86           | 0.954     | 0.958  | <b>0.989</b>    | 1    |
|          |            | QPSK20M | 20300   | 1   | 0      | 0             | Bottom        | 23.00             | 22.86           | 0.844     | 0.891  | 0.920           | 2    |
|          |            | QPSK20M | 20175   | 1   | 49     | 0             | Bottom        | 23.00             | 22.77           | 0.856     | 0.891  | 0.939           | 1    |
|          |            | QPSK20M | 20175   | 1   | 99     | 0             | Bottom        | 23.00             | 22.71           | 0.843     | 0.872  | 0.932           | 1    |
|          |            | QPSK20M | 20175   | 100 | 0      | 0             | Bottom        | 22.00             | 21.93           | 0.708     | 0.733  | 0.745           | 1    |
| off      |            | QPSK20M | 20175   | 1   | 0      | 14            | Bottom        | 24.00             | 23.85           | 0.383     | 0.392  | 0.406           |      |
| on       | LTE Band 4 | QPSK20M | 20175   | 50  | 0      | 0             | Bottom        | 22.00             | 21.93           | 0.695     | 0.722  | 0.734           |      |
| off      |            | QPSK20M | 20175   | 50  | 0      | 14            | Bottom        | 23.00             | 22.89           | 0.274     | 0.293  | 0.301           |      |

| P-sensor | Band       | Mode    | channel | RB | Offset | distance (mm) | Test Position | Max Tune-up (dBm) | AVG Power (dBm) | Area Scan | SAR 1g | Reported SAR 1g | Note |
|----------|------------|---------|---------|----|--------|---------------|---------------|-------------------|-----------------|-----------|--------|-----------------|------|
| on       | LTE Band 5 | QPSK10M | 20525   | 1  | 0      | 0             | Bottom        | 23.00             | 22.86           | 0.508     | 0.504  | 0.521           |      |
|          |            | QPSK10M | 20450   | 1  | 0      | 0             | Bottom        | 23.00             | 22.81           | 0.516     | 0.511  | 0.534           |      |
|          |            | QPSK10M | 20600   | 1  | 0      | 0             | Bottom        | 23.00             | 22.85           | 0.535     | 0.526  | <b>0.544</b>    |      |
| off      |            | QPSK10M | 20525   | 1  | 0      | 14            | Bottom        | 25.00             | 24.90           | 0.194     | 0.208  | 0.213           |      |
| on       | LTE Band 5 | QPSK10M | 20525   | 25 | 0      | 0             | Bottom        | 22.00             | 21.95           | 0.410     | 0.408  | 0.413           |      |
| off      |            | QPSK10M | 20525   | 25 | 0      | 14            | Bottom        | 24.00             | 23.99           | 0.152     | 0.164  | 0.164           |      |

| P-sensor | Band       | Mode    | channel | RB  | Offset | distance (mm) | Test Position | Max Tune-up (dBm) | AVG Power (dBm) | Area Scan | SAR 1g | Reported SAR 1g | Note |
|----------|------------|---------|---------|-----|--------|---------------|---------------|-------------------|-----------------|-----------|--------|-----------------|------|
| on       | LTE Band 7 | QPSK20M | 21100   | 1   | 0      | 0             | Bottom        | 23.00             | 22.87           | 0.890     | 0.818  | 0.843           |      |
|          |            | QPSK20M | 20850   | 1   | 0      | 0             | Bottom        | 23.00             | 22.82           | 0.784     | 0.717  | 0.747           | 1    |
|          |            | QPSK20M | 21350   | 1   | 0      | 0             | Bottom        | 23.00             | 22.82           | 0.929     | 0.856  | <b>0.892</b>    | 1    |
|          |            | QPSK20M | 21100   | 1   | 49     | 0             | Bottom        | 23.00             | 22.75           | 0.883     | 0.805  | 0.853           | 1    |
|          |            | QPSK20M | 21100   | 1   | 99     | 0             | Bottom        | 23.00             | 22.69           | 0.827     | 0.830  | 0.891           | 1    |
|          |            | QPSK20M | 21100   | 100 | 0      | 0             | Bottom        | 22.00             | 21.91           | 0.685     | 0.682  | 0.696           | 1    |
| off      |            | QPSK20M | 21100   | 1   | 0      | 14            | Bottom        | 24.00             | 23.91           | 0.397     | 0.378  | 0.386           |      |
| on       | LTE Band 7 | QPSK20M | 21100   | 50  | 0      | 0             | Bottom        | 22.00             | 21.96           | 0.657     | 0.653  | 0.659           |      |
| off      |            | QPSK20M | 21100   | 50  | 0      | 14            | Bottom        | 23.00             | 22.94           | 0.292     | 0.288  | 0.292           |      |

| P-sensor | Band        | Mode    | channel | RB | Offset | distance (mm) | Test Position | Max Tune-up (dBm) | AVG Power (dBm) | Area Scan | SAR 1g | Reported SAR 1g | Note |
|----------|-------------|---------|---------|----|--------|---------------|---------------|-------------------|-----------------|-----------|--------|-----------------|------|
| on       | LTE Band 12 | QPSK10M | 23095   | 1  | 0      | 0             | Bottom        | 23.00             | 22.89           | 0.525     | 0.526  | 0.539           |      |
|          |             | QPSK10M | 23060   | 1  | 0      | 0             | Bottom        | 23.00             | 22.85           | 0.510     | 0.514  | 0.532           |      |
|          |             | QPSK10M | 23130   | 1  | 0      | 0             | Bottom        | 23.00             | 22.87           | 0.538     | 0.542  | <b>0.558</b>    |      |
| off      |             | QPSK10M | 23095   | 1  | 0      | 14            | Bottom        | 25.00             | 24.86           | 0.211     | 0.223  | 0.230           |      |
| on       | LTE Band 12 | QPSK10M | 23095   | 25 | 0      | 0             | Bottom        | 22.00             | 21.98           | 0.407     | 0.410  | 0.412           |      |
| off      |             | QPSK10M | 23095   | 25 | 0      | 14            | Bottom        | 24.00             | 23.95           | 0.181     | 0.191  | 0.193           |      |

| P-sensor | Band        | Mode    | channel | RB | Offset | distance (mm) | Test Position | Max Tune-up (dBm) | AVG Power (dBm) | Area Scan | SAR 1g | Reported SAR 1g | Note |
|----------|-------------|---------|---------|----|--------|---------------|---------------|-------------------|-----------------|-----------|--------|-----------------|------|
| on       | LTE Band 13 | QPSK10M | 23230   | 1  | 0      | 0             | Bottom        | 23.00             | 22.91           | 0.610     | 0.614  | <b>0.627</b>    |      |
| off      |             | QPSK10M | 23230   | 1  | 0      | 14            | Bottom        | 25.00             | 24.92           | 0.287     | 0.299  | 0.305           |      |
| on       | LTE Band 13 | QPSK10M | 23230   | 25 | 0      | 0             | Bottom        | 22.00             | 21.92           | 0.462     | 0.458  | 0.467           |      |
| off      |             | QPSK10M | 23230   | 25 | 0      | 14            | Bottom        | 24.00             | 23.93           | 0.213     | 0.221  | 0.225           |      |

| P-sensor | Band        | Mode    | channel | RB | Offset | distance (mm) | Test Position | Max Tune-up (dBm) | AVG Power (dBm) | Area Scan | SAR 1g | Reported SAR 1g | Note |
|----------|-------------|---------|---------|----|--------|---------------|---------------|-------------------|-----------------|-----------|--------|-----------------|------|
| on       | LTE Band 14 | QPSK10M | 23330   | 1  | 0      | 0             | Bottom        | 23.00             | 22.86           | 0.550     | 0.549  | <b>0.567</b>    |      |
| off      |             | QPSK10M | 23330   | 1  | 0      | 14            | Bottom        | 25.00             | 24.83           | 0.232     | 0.245  | 0.255           |      |
| on       | LTE Band 14 | QPSK10M | 23330   | 25 | 0      | 0             | Bottom        | 22.00             | 21.87           | 0.445     | 0.437  | 0.450           |      |
| off      |             | QPSK10M | 23330   | 25 | 0      | 14            | Bottom        | 24.00             | 23.84           | 0.188     | 0.195  | 0.202           |      |

| P-sensor | Band        | Mode    | channel | RB | Offset | distance (mm) | Test Position | Max Tune-up (dBm) | AVG Power (dBm) | Area Scan | SAR 1g | Reported SAR 1g | Note |
|----------|-------------|---------|---------|----|--------|---------------|---------------|-------------------|-----------------|-----------|--------|-----------------|------|
| on       | LTE Band 17 | QPSK10M | 23790   | 1  | 0      | 0             | Bottom        | 23.00             | 22.87           | 0.500     | 0.525  | 0.541           |      |
|          |             | QPSK10M | 23780   | 1  | 0      | 0             | Bottom        | 23.00             | 22.86           | 0.525     | 0.521  | 0.538           |      |
|          |             | QPSK10M | 23800   | 1  | 0      | 0             | Bottom        | 23.00             | 22.85           | 0.529     | 0.524  | <b>0.542</b>    |      |
| off      | LTE Band 17 | QPSK10M | 23790   | 1  | 0      | 14            | Bottom        | 25.00             | 24.92           | 0.229     | 0.241  | 0.245           |      |
| on       |             | QPSK10M | 23790   | 25 | 0      | 0             | Bottom        | 22.00             | 21.96           | 0.420     | 0.418  | 0.422           |      |
| off      |             | QPSK10M | 23790   | 25 | 0      | 14            | Bottom        | 24.00             | 23.91           | 0.186     | 0.195  | 0.199           |      |

| P-sensor | Band        | Mode    | channel | RB  | Offset | distance (mm) | Test Position | Max Tune-up (dBm) | AVG Power (dBm) | Area Scan | SAR 1g | Reported SAR 1g | Note |
|----------|-------------|---------|---------|-----|--------|---------------|---------------|-------------------|-----------------|-----------|--------|-----------------|------|
| on       | LTE Band 25 | QPSK20M | 26365   | 1   | 0      | 0             | Bottom        | 23.00             | 22.86           | 0.850     | 0.832  | 0.859           |      |
|          |             | QPSK20M | 26140   | 1   | 0      | 0             | Bottom        | 23.00             | 22.84           | 0.973     | 0.951  | <b>0.987</b>    | 1    |
|          |             | QPSK20M | 26590   | 1   | 0      | 0             | Bottom        | 23.00             | 22.82           | 0.824     | 0.805  | 0.839           | 1    |
|          |             | QPSK20M | 26365   | 1   | 49     | 0             | Bottom        | 23.00             | 22.72           | 0.703     | 0.708  | 0.755           | 1    |
|          |             | QPSK20M | 26365   | 1   | 99     | 0             | Bottom        | 23.00             | 22.65           | 0.684     | 0.688  | 0.746           | 1    |
|          |             | QPSK20M | 26365   | 100 | 0      | 0             | Bottom        | 22.00             | 21.90           | 0.576     | 0.581  | 0.595           | 1    |
| off      | LTE Band 25 | QPSK20M | 26365   | 1   | 0      | 14            | Bottom        | 24.00             | 23.89           | 0.310     | 0.306  | 0.314           |      |
| on       |             | QPSK20M | 26365   | 50  | 0      | 0             | Bottom        | 22.00             | 21.95           | 0.546     | 0.551  | 0.557           |      |
| off      |             | QPSK20M | 26365   | 50  | 0      | 14            | Bottom        | 23.00             | 22.98           | 0.231     | 0.242  | 0.243           |      |

| P-sensor | Band        | Mode    | channel | RB | Offset | distance (mm) | Test Position | Max Tune-up (dBm) | AVG Power (dBm) | Area Scan | SAR 1g | Reported SAR 1g | Note |
|----------|-------------|---------|---------|----|--------|---------------|---------------|-------------------|-----------------|-----------|--------|-----------------|------|
| on       | LTE Band 26 | QPSK15M | 26865   | 1  | 0      | 0             | Bottom        | 23.00             | 22.87           | 0.506     | 0.498  | 0.513           |      |
|          |             | QPSK15M | 26765   | 1  | 0      | 0             | Bottom        | 23.00             | 22.83           | 0.495     | 0.494  | 0.514           |      |
|          |             | QPSK15M | 26965   | 1  | 0      | 0             | Bottom        | 23.00             | 22.85           | 0.505     | 0.507  | <b>0.525</b>    |      |
| off      | LTE Band 26 | QPSK15M | 26865   | 1  | 0      | 14            | Bottom        | 25.00             | 24.89           | 0.248     | 0.259  | 0.266           |      |
| on       |             | QPSK15M | 26865   | 36 | 0      | 0             | Bottom        | 22.00             | 21.96           | 0.401     | 0.400  | 0.404           |      |
| off      |             | QPSK15M | 26865   | 36 | 0      | 14            | Bottom        | 24.00             | 23.98           | 0.202     | 0.212  | 0.213           |      |

| P-sensor | Band        | Mode    | channel | RB | Offset | distance (mm) | Test Position | Max Tune-up (dBm) | AVG Power (dBm) | Area Scan | SAR 1g | Reported SAR 1g | Note |
|----------|-------------|---------|---------|----|--------|---------------|---------------|-------------------|-----------------|-----------|--------|-----------------|------|
| on       | LTE Band 30 | QPSK10M | 27710   | 1  | 0      | 0             | Bottom        | 16.50             | 16.38           | 0.339     | 0.328  | <b>0.337</b>    |      |
| off      |             | QPSK10M | 27710   | 1  | 0      | 14            | Bottom        | 17.50             | 17.39           | 0.157     | 0.156  | 0.160           |      |
| on       | LTE Band 30 | QPSK10M | 27710   | 25 | 0      | 0             | Bottom        | 15.50             | 15.39           | 0.267     | 0.268  | 0.275           |      |
| off      |             | QPSK10M | 27710   | 25 | 0      | 14            | Bottom        | 16.50             | 16.40           | 0.131     | 0.131  | 0.134           |      |

| P-sensor | Band        | Mode    | channel | RB | Offset | distance (mm) | Test Position | Max Tune-up (dBm) | AVG Power (dBm) | Area Scan | SAR 1g | Reported SAR 1g | Note |
|----------|-------------|---------|---------|----|--------|---------------|---------------|-------------------|-----------------|-----------|--------|-----------------|------|
| on       | LTE Band 38 | QPSK20M | 38000   | 1  | 0      | 0             | Bottom        | 23.00             | 22.87           | 0.397     | 0.364  | 0.375           |      |
|          |             | QPSK20M | 37850   | 1  | 0      | 0             | Bottom        | 23.00             | 22.86           | 0.376     | 0.351  | 0.362           |      |
|          |             | QPSK20M | 38150   | 1  | 0      | 0             | Bottom        | 23.00             | 22.83           | 0.412     | 0.385  | <b>0.400</b>    |      |
| off      | LTE Band 38 | QPSK20M | 38000   | 1  | 0      | 14            | Bottom        | 24.00             | 23.86           | 0.176     | 0.176  | 0.182           |      |
| on       |             | QPSK20M | 38000   | 50 | 0      | 0             | Bottom        | 22.00             | 21.96           | 0.264     | 0.263  | 0.265           |      |
| off      |             | QPSK20M | 38000   | 50 | 0      | 14            | Bottom        | 23.00             | 22.95           | 0.110     | 0.117  | 0.118           |      |

| P-sensor | Band        | Mode    | channel | RB | Offset | distance (mm) | Test Position | Max Tune-up (dBm) | AVG Power (dBm) | Area Scan | SAR 1g | Reported SAR 1g | Note |
|----------|-------------|---------|---------|----|--------|---------------|---------------|-------------------|-----------------|-----------|--------|-----------------|------|
| on       | LTE Band 41 | QPSK20M | 40620   | 1  | 0      | 0             | Bottom        | 23.00             | 22.90           | 0.585     | 0.501  | <b>0.513</b>    |      |
|          |             | QPSK20M | 39750   | 1  | 0      | 0             | Bottom        | 23.00             | 22.89           | 0.428     | 0.374  | 0.384           |      |
|          |             | QPSK20M | 41490   | 1  | 0      | 0             | Bottom        | 23.00             | 22.86           | 0.479     | 0.477  | 0.493           |      |
| off      |             | QPSK20M | 40620   | 1  | 0      | 14            | Bottom        | 24.00             | 23.82           | 0.223     | 0.225  | 0.235           |      |
| on       | LTE Band 41 | QPSK20M | 40620   | 1  | 0      | 14            | Bottom        | 27.00             | 26.27           | 0.346     | 0.305  | 0.361           |      |
|          |             | QPSK20M | 40620   | 50 | 0      | 0             | Bottom        | 22.00             | 21.96           | 0.406     | 0.412  | 0.416           |      |
|          |             | QPSK20M | 40620   | 50 | 0      | 14            | Bottom        | 23.00             | 22.91           | 0.154     | 0.151  | 0.154           |      |
|          |             | QPSK20M | 40620   | 50 | 0      | 14            | Bottom        | 26.00             | 25.38           | 0.294     | 0.217  | 0.250           |      |

| P-sensor | Band        | Mode    | channel | RB | Offset | distance (mm) | Test Position | Max Tune-up (dBm) | AVG Power (dBm) | Area Scan | SAR 1g | Reported SAR 1g | Note |
|----------|-------------|---------|---------|----|--------|---------------|---------------|-------------------|-----------------|-----------|--------|-----------------|------|
| on       | LTE Band 48 | QPSK20M | 56207   | 1  | 0      | 0             | Bottom        | 21.00             | 20.90           | 0.142     | 0.109  | 0.112           |      |
|          |             | QPSK20M | 55340   | 1  | 0      | 0             | Bottom        | 21.00             | 20.86           | 0.163     | 0.132  | <b>0.136</b>    |      |
|          |             | QPSK20M | 56640   | 1  | 0      | 0             | Bottom        | 21.00             | 20.88           | 0.125     | 0.100  | 0.103           |      |
| off      | LTE Band 48 | QPSK20M | 56207   | 1  | 0      | 14            | Bottom        | 22.00             | 21.92           | 0.053     | 0.047  | 0.048           |      |
| on       |             | QPSK20M | 56207   | 50 | 0      | 0             | Bottom        | 20.00             | 19.96           | 0.102     | 0.084  | 0.084           |      |
| off      |             | QPSK20M | 56207   | 50 | 0      | 14            | Bottom        | 21.00             | 20.91           | 0.041     | 0.037  | 0.038           |      |

| P-sensor | Band        | Mode    | channel | RB  | Offset | distance (mm) | Test Position | Max Tune-up (dBm) | AVG Power (dBm) | Area Scan | SAR 1g | Reported SAR 1g | Note |
|----------|-------------|---------|---------|-----|--------|---------------|---------------|-------------------|-----------------|-----------|--------|-----------------|------|
| on       | LTE Band 66 | QPSK20M | 132322  | 1   | 0      | 0             | Bottom        | 20.50             | 20.37           | 0.954     | 0.890  | 0.917           |      |
|          |             | QPSK20M | 132072  | 1   | 0      | 0             | Bottom        | 20.50             | 20.35           | 0.913     | 0.862  | 0.892           | 1    |
|          |             | QPSK20M | 132572  | 1   | 0      | 0             | Bottom        | 20.50             | 20.34           | 1.000     | 0.933  | <b>0.968</b>    | 1    |
|          |             | QPSK20M | 132322  | 1   | 49     | 0             | Bottom        | 20.50             | 20.29           | 0.825     | 0.860  | 0.903           | 1    |
|          |             | QPSK20M | 132322  | 1   | 99     | 0             | Bottom        | 20.50             | 20.22           | 0.805     | 0.841  | 0.897           | 1    |
|          |             | QPSK20M | 132322  | 100 | 0      | 0             | Bottom        | 19.50             | 19.41           | 0.653     | 0.687  | 0.701           | 1    |
| off      |             | QPSK20M | 132322  | 1   | 0      | 14            | Bottom        | 21.50             | 21.36           | 0.377     | 0.384  | 0.397           |      |
| on       | LTE Band 66 | QPSK20M | 132322  | 50  | 0      | 0             | Bottom        | 19.50             | 19.46           | 0.671     | 0.707  | 0.714           |      |
| off      |             | QPSK20M | 132322  | 50  | 0      | 14            | Bottom        | 20.50             | 20.45           | 0.277     | 0.292  | 0.295           |      |

| P-sensor | Band        | Mode    | channel | RB | Offset | distance (mm) | Test Position | Max Tune-up (dBm) | AVG Power (dBm) | Area Scan | SAR 1g | Reported SAR 1g | Note |
|----------|-------------|---------|---------|----|--------|---------------|---------------|-------------------|-----------------|-----------|--------|-----------------|------|
| on       | LTE Band 71 | QPSK20M | 133297  | 1  | 0      | 0             | Bottom        | 23.00             | 22.88           | 0.614     | 0.630  | 0.648           |      |
|          |             | QPSK20M | 133222  | 1  | 0      | 0             | Bottom        | 23.00             | 22.85           | 0.529     | 0.548  | 0.567           |      |
|          |             | QPSK20M | 133372  | 1  | 0      | 0             | Bottom        | 23.00             | 22.86           | 0.663     | 0.675  | <b>0.697</b>    |      |
| off      |             | QPSK20M | 133297  | 1  | 0      | 14            | Bottom        | 25.00             | 24.87           | 0.197     | 0.208  | 0.214           |      |
| on       | LTE Band 71 | QPSK20M | 133297  | 50 | 0      | 0             | Bottom        | 22.00             | 21.97           | 0.509     | 0.523  | 0.527           |      |
| off      |             | QPSK20M | 133297  | 50 | 0      | 14            | Bottom        | 24.00             | 23.96           | 0.173     | 0.180  | 0.182           |      |

#### Note:

- Highest reported SAR is > 0.8 W/kg. Added second highest power channel for this test position
- Repeated measurements are required only when the measured SAR is  $\geq 0.80$  W/kg. If the measured SAR values are < 1.45 W/kg with  $\leq 20\%$  variation, only one repeated measurement is required to reaffirm that the results are not expected to have substantial variations, which may introduce significant compliance concerns. (Per KDB 865664 D01 SAR measurement 100 MHz to 6 GHz v01r04)  
Original SAR = 0.958 W/kg, therefore second times repeat SAR is required.  
Repeat SAR = 0.891 W/kg < 1.45W/kg  
SAR variation= -6.99% < 20%

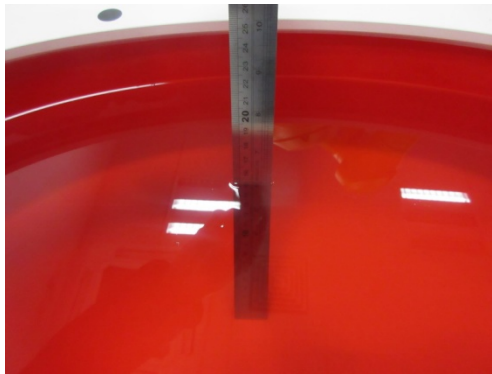
## 11. Test Layout

### Specific Absorption Rate Test Layout

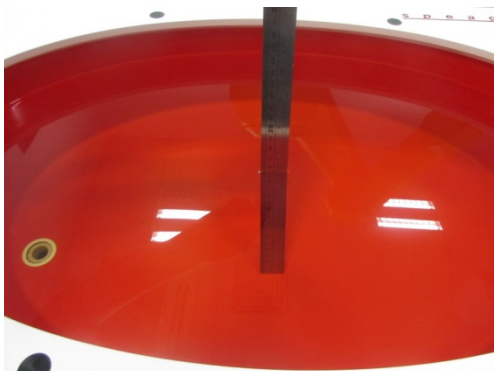


Liquid depth in the flat Phantom ( $\geq 15\text{cm}$  depth)  
HSL(750MHz)

HSL(900MHz)



HSL(1750-3700MHz)



**Appendix A. SAR Plots of System Verification**

(Pls See BTL-FCC SAR-2-2112T127\_Appendix A.)

**Appendix B. SAR Plots of SAR Measurement**

(Pls See BTL-FCC SAR-2-2112T127\_Appendix B.)

**Appendix C. Calibration Certificate**

(Pls See BTL-FCC SAR-2-2112T127\_Appendix C.)

**Appendix D. Photographs of the Test Set-Up**

(Pls See BTL-FCC SAR-2-2112T127\_Appendix D.)

**End of Test Report**